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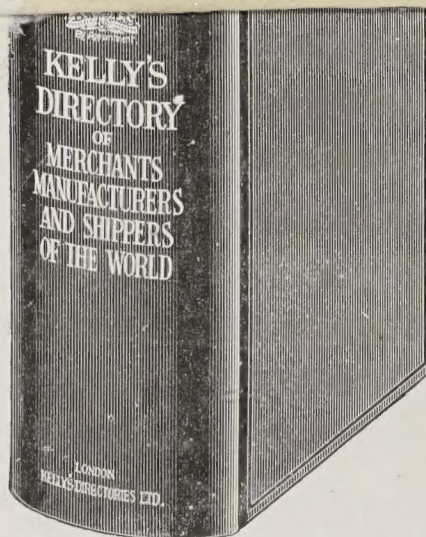
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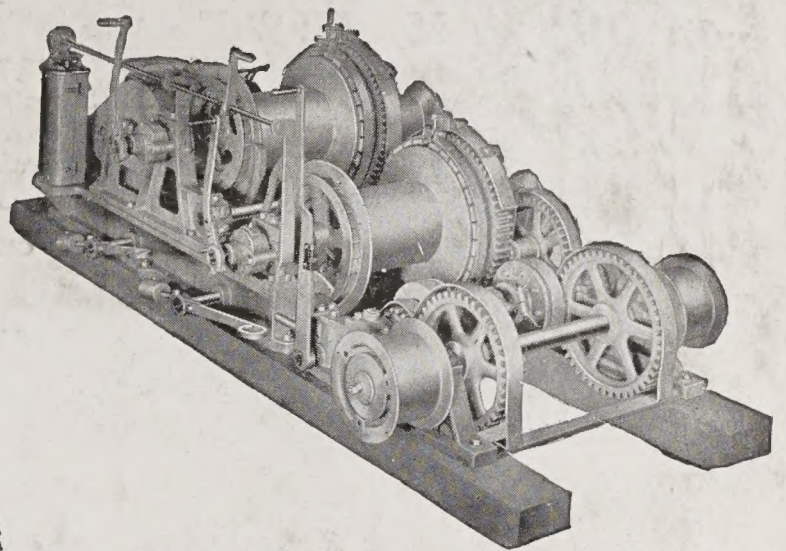
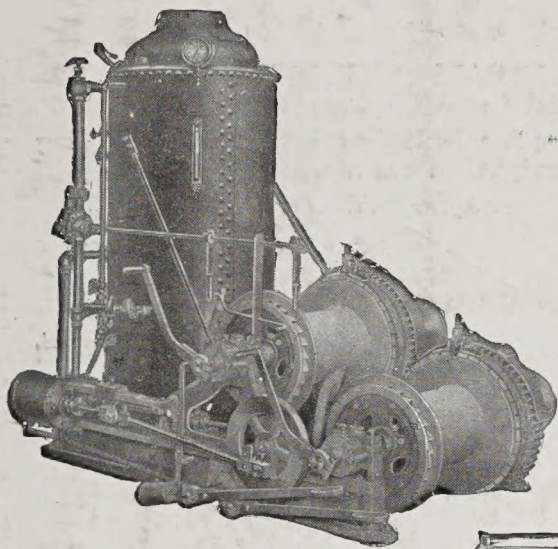
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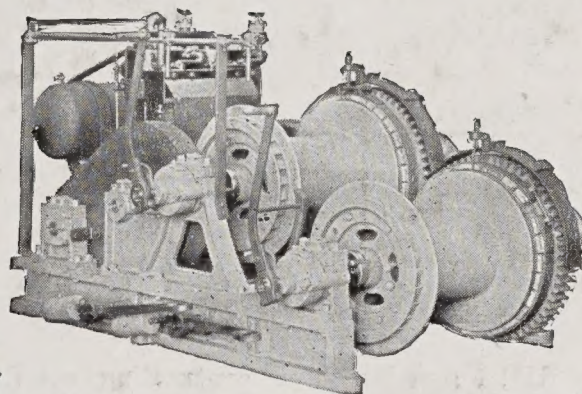
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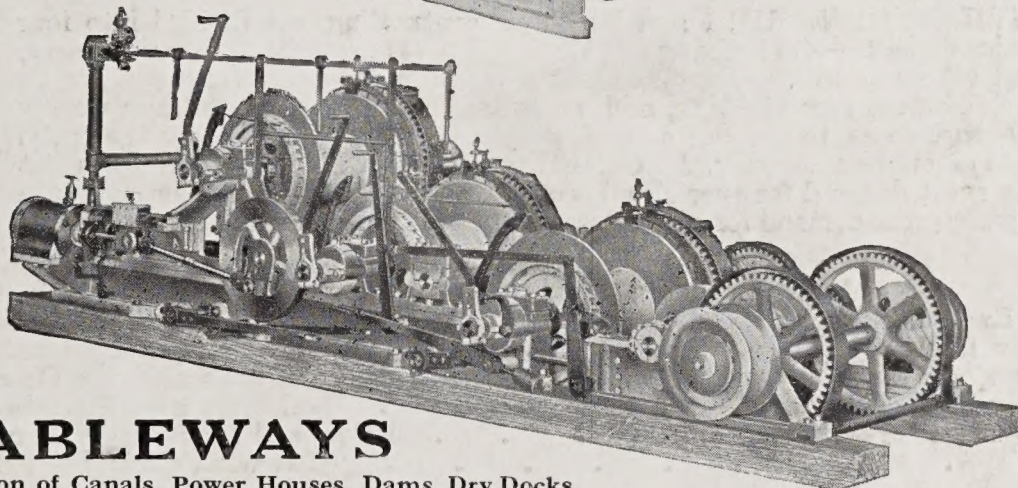


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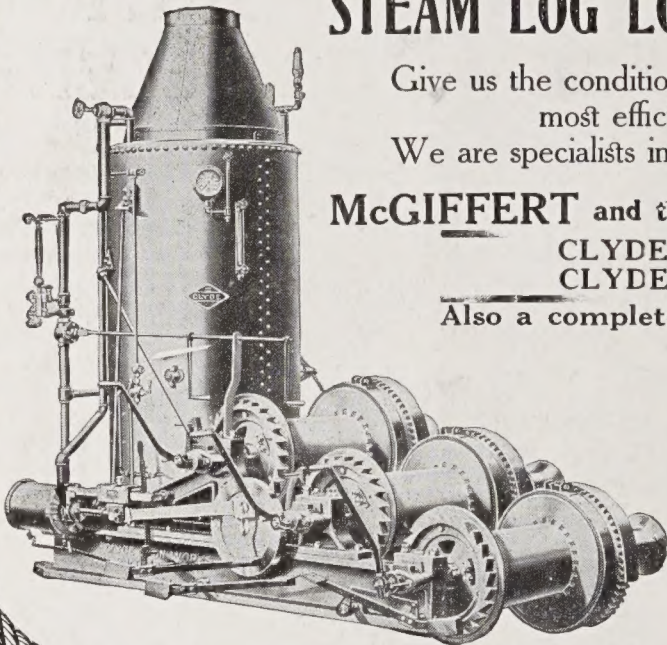
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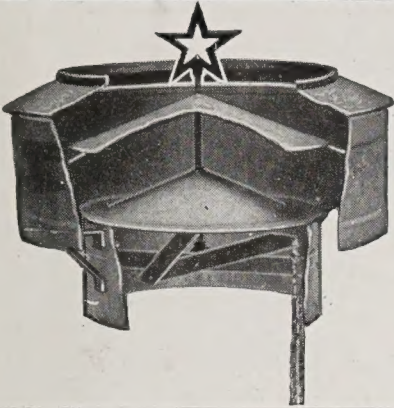
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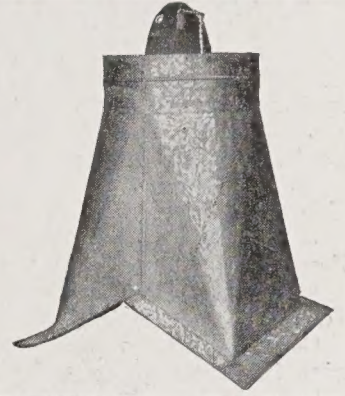
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Preface



N presenting this new—26th annual—edition of “HENDRICKS’ COMMERCIAL REGISTER” the publishers would draw attention to the fact that it has been revised and corrected up to the latest possible moment.

The information contained therein has been compiled from data supplied by the concerns listed, obtained by our representatives on personal calls or received direct in response to a request for such particulars.

This original and reliable information will be appreciated by our subscribers and as a consequence the work merits a continuance of the patronage it has so long enjoyed.

A new feature in this edition is the “Alphabetical Section,” the inclusion of which undoubtedly adds to the value of the publication as a work of reference.

S. E. HENDRICKS CO., INC.

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October 1917.

IMPORTANT THE NUMBERS IN THIS INDEX REFER TO THE CLASSIFICATIONS DIRECT AND NOT TO THE PAGE NUMBER

INDEX TO TRADE CLASSIFICATIONS

FOR INDEX TO NAMES OF ADVERTISERS WITH THEIR BRANCH OFFICES, SEE END OF BOOK

NOTE.—The cross references following many of the classifications are inserted to draw attention to other branches of business connected with such classifications, and a little study of them will often result in the finding of desired information which at first glance might appear to be omitted.

Many of the names listed under the classifications to which this Index refers are followed by detail matter, trade names, etc. This information is invaluable to buyers and should be closely observed, as it is a special feature of the work. See also separate Trade Names, Brands, etc., Section page 1545.

Classifications which are marked thus * in the body of the Register are inserted for concerns using this publication for publicity purposes. Other concerns in similar lines of business will always be found under the standard classifications.

We earnestly hope that all new firms connected with the industries included in this Register will send us their business cards, and thus aid us to maintain our high standards of excellence.

Business changes, additions or corrections for the next edition will be thankfully received and INSERTED FREE OF CHARGE.

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hammers.....	5769	furnaces.....	888	creosoted paving (see		cupola.....	936a
hammers, foot power..	5750	gates.....	5218	paving blocks, wood),		cycloidal.....	937
mandrels.....	9534	gauges (see gauges,		10776		cyclone.....	938
nipplers.....	10133	steam).....	5330	cupola.....	3486	electric.....	939
pritchels.....	11680	hole drilling machines..	7775	cutting.....	904	forge.....	940
punches.....	11984	hole drills.....	4015	die.....	905	furnace.....	941
rules.....	12810	nozzles.....	10170	die, steel (see steel		gas (see exhausters,	
taps.....	14846	& gas valves.....	16281	crucible).....	14215	gas).....	4473
tongs.....	15664	Blasting apparatus.....	887	die, vanadium steel...	3741	hand.....	942
tools (see specific article		apparatus, electric....	4211	differential chain....	906	jet, steam.....	948
required).....		batteries.....	648	drill.....	907	motor driven.....	943
vises.....	16515	cable reels.....	12258	electric fixture.....	908	organ.....	944
Bladders, rubber.....	857	caps.....	888 & 1890	electrotype.....	908a	positive pressure....	945
Blades, band saw.....	12928	caps, electric.....	1895	fire clay paving.....	10773	powder, rubber.....	946
burr.....	15028	circuit testers.....	14973	fuse.....	909	rotary.....	947
cloth cutting machine..	859	explosives.....	4488	granite paving.....	10774	soot.....	2649
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fan, metal.....	860	machine testers.....	14973	hollow tile.....	912	turbo.....	950
fan, wood.....	861	machines.....	7776	hook.....	913	vacuum cleaning....	951
fountain.....	861a	mats.....	9605	keyseating rule.....	914	& exhausters, electric.	952
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hack saw, flexible		powder.....	889 & 11453	last.....	915	Blowing engine cylinders	
back.....	12930	supplies.....	890	linemen's pulley.....	916	engines.....	3630
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jig saw.....	12928	necting (see wire		meat (see blocks,		machines, glass.....	8363
lawn mower.....	862	connecting & lead-		ing).....	903	Blown glass shades....	13349
metal shear.....	863	ing).....	16925	paving, asphalt.....	10771	& pressed glass spe-	
rolling coulter.....	864	Bleach mixers.....	9861	paving, fire clay.....	10773	cialties.....	5473
safety razor.....	865	Bleaching boilers.....	1019	paving, granite.....	10774	Blue annealed iron	
saw.....	12932	boilers, rotary.....	1035	paving, stone.....	10775	sheets.....	6706
semaphore signal....	865a	clays (see fullers'		paving, vitrified....	1466	annealed steel sheets..	14249
shoe cutters' exten-		earth).....	5034	paving, wood.....	10776	grass harvesters....	5960
sion.....	866	machinery.....	7777 & 15010	pillow.....	916b	lathed nails, sanitary.	10045a
squaring shear.....	867	machines, leather....	8527	print, oil cloth.....	917	lead.....	7335
tongue.....	867a	powders.....	11459	raggle.....	918	powdered.....	953
Blanc fixe.....	868	tanks.....	14734	rail.....	919	print cars & frames...	954
fix dissolving machines.	7772a	tubs.....	16128	resistance.....	12374	print cases.....	956
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Blanching machines....	7773	valves.....	16282	sheave, for derricks...	920	print filing cabinets	
Blank dice.....	3737a	Blend, zinc.....	17130a	shuttle.....	15375		956 & 1751a
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print lamps & carbons.....958	spikes, composition.....13917	makers' tools.....15705	tubular.....1039
print paper mfrs.....10631	tanks (see tanks, car).....14739	makers' tools, kitchen.....1010	vertical.....1040
print papers.....961	tillers.....15599	manholes, flanged.....1006	wash.....1041
print rolls.....12658	trimmings.....15956	meters.....9710a	water tube.....1042
print trimming tables.....959	unloading machinery.....7782	mountings for portable boilers.....1011	& engines combined.....4330
print washing & drying machines.....960	upholstery, top, curtain & trimming materials.....989b	nipples (see nipples, pipe).....10144	& pumps combined.....11974
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vitriol.....659b	folding.....992	patch bolts.....1058	Bolsters, car truck & body.....1932
& black printing.....963	knocked-down.....993	patch toggle bolts.....1123	spindle.....15392
& black prints & papers.....963	life.....997	picks.....10850	Bolt cases.....1046
Blues, ultramarine.....16221	motor.....9951	plate clamps.....2561	clippers.....2699
Bluestone (see sulphate of copper).....14514	steel.....994	plate gauges (see gauges, micrometer).....5303	copper.....3171
Bluing boxes.....1198a	stone.....995	plate, iron & steel.....6713	cutter dies.....3754
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Board buffers.....1605	& rafts, life.....997	plates, zinc.....17137	cutting machines.....7785
drop hammers.....5751	Bob sled knees (see ship knees).....13542	purifying apparatus.....1012	drivers.....4079
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bread.....965	winders.....15015	scaler, pneumatic.....11265	heading machines.....7788
buggy.....966	wood.....17033	setting brick.....1406	lathes.....7258
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plaster.....11035	feed valves.....16284	down draft.....1020a	automobile steering knuckle.....1054
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starch.....986a	flue plugs.....11210	house heating (see heaters, steam & hot water).....6045	boiler patch.....1058
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fenders.....4642			cross-arm.....1068
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expansion	1074	ground	1134	Boric acid.....	23	flux	1158
expansion, brass.....	1075	handles	5816	Boring bars.....	561	sudoxide flux.....	4912
expansion, for concrete work	1076	harness rings.....	12453	bars, cylinder (see cylinder boring machines)	7818	Bortz	1937a
expansion, single & double	1077	-meal	1135	bits, hub.....	835	Bosh plates.....	11063
extension	1078	mills	9767	drilling, tapping & milling machines.....	7809	Boshes, mechanical.....	1159
eye (hook & eye).....	1087	washers	16626	drilling & tapping machines, combined.....	7810	Boss harrows.....	5951
foot	1078a	washing machines.....	7797	drilling & tapping machines, combined.....	7811	Boters, creamery.....	1160
forged	1079	washing screens.....	13137	heads	5987	Bostwick elevator gates & guards.....	4242
foundation	1080	Bones, cuttlefish.....	3620	lathes, gun.....	7273	Bottle blowing machines.....	7838
galvanized	1081	Boning knives.....	6941	lathes, shell.....	7296a	box boring machines.....	7839
garage door.....	1081a	Bonnet, brushes.....	1522a	machine augers (see bits, auger).....	828	boxes	1200
hanger	1082	wire	16901b	machines, automobile cylinder (see boring machines, cylinder).....	7818	brushes	1524
Harvey grip.....	1083	Bookbinding material, leather type.....	1335b	machines, barrel.....	7812	cap machinery, paper.....	8702
heel	1084	Book cases.....	1136	machines, bracket.....	7813	cap machines.....	7840
hollow tile.....	1085	casing-in machines.....	7801	machines, bung.....	7899	capping machines.....	7841
hook head.....	1086	cloth	2747	machines, car.....	7966	caps	1891
hook & eye.....	1087	corner protectors.....	11690	machines, car-box.....	7814	cases, steel.....	2130
insulated suspension.....	1087a	coupon	1137a	machines, car wheel.....	7815	conveyors	3094
key	1088	covering machines.....	7802	machines, condenser head	7816	corking machines.....	7842
king	1089	finish fabrikoid.....	1135a	machines, crank	7817	feeders	4601
loom	1090	gathering machines.....	7803	machines, cylinder.....	818	fillers, milk, etc.....	1161
machine	1091	gluing machines.....	7804	machines, cylinder chamber	7819	filling machines, automatic	7843
mooring	1092	indexes	6544	machines, electric wiring	7820	holders	6223
naval brass.....	1093	indexing machines.....	7805	machines, hand.....	821	openers	10363
neck	1094	locks	7530	machines, hub.....	7822	racks	1162 & 12095
nut & screw ring.....	1095	paper	10634	machines, locomotive connecting rod.....	7823	racks, milk.....	1162
planer head.....	1096	racks	12055	machines, metal.....	7824	rinsing machines.....	7844
plow	1097	sawing machines.....	7806	machines, metal, horizontal	7825	screw tops.....	13181
plumbers'	1098	sewing machines.....	7807	machines, metal, vertical (see boring & drilling machines, horizontal)	7832	sealing machines.....	7845
ring	1099	stacks (see stacks, newspaper),	14090	machines, mower frame	7826	stoppers	14366
roof	1061	stacks, fireproof (see library shelving & fittings, metallic)	7407	machines, pneumatic.....	8834	tubes	16063
sash, ventilating.....	12917	stitching machines (see wire stitching machines)	9443	machines, porch column	8841	washing & soaking machines	7846
screw & nut eye.....	1100	tile	15574	machines, portable.....	7827	wiring machines.....	7847
shackle	1101	trimming machines.....	7808	machines, post.....	8843	wrapper staples.....	14165
shaft	1102	wrappers, corrugated paper	17046	machines, reaper frame	7826	wrappers, corrugated.....	1163
sheet metal fastening.....	1103	Bookbinders' brushes.....	1523	machines, rod.....	7828	Bottlers' cases.....	2111
shutter	1104	cloth cutting machines.....	7799	machines, shaft.....	7829	machinery & supplies.....	7843
sink	1105	knives	6935	machines, valve chamber	7819	trucks	16005
sleigh shoe.....	1106	machinery	7800	machines, wood.....	9455	Bottles, aluminum.....	1164
socket	1107	presses	11495	machines, wood, hand power	9456	cubic foot.....	1165
soldering, copper.....	1065	stabbing machines.....	9186	machines, wood, multiple	9457	fibre mailing.....	1166
special	1107a	supplies	1135a	machines, wood pipe.....	9473	glass	1167
split pipe, expansion.....	1108	tools	15706	machines, wood, pneumatic	11323	hot water, metal.....	1168
spring	1109	wire	16902	mill chucks.....	2507	milk	1169
stay	1110	Books, copying, letter.....	1137	mills (see boring & turning machines)	7836 & 7837	paper	1170
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stove	1112	level	1139	tools, expansion.....	15725	steel	1172
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stud	1115	foot stops (see eyes, lacing)	4521	& facing machines.....	8288	Bottom dump cars.....	2001a
swing or eye.....	1116	swinging gears.....	5373	& milling machines, horizontal	7833	dumping buckets.....	1585
tap	1117	Booms, derrick.....	9602	& mortising machines, hub	8472	fullers	5035
"T" head.....	1118	loading	1141	& reaming machines.....	7834	swages	14553
thumb	1119	Boosters, electric.....	1142	& sander machines.....	9005	Bottoming taps.....	14848
tire	1120	gas	1143	& tapping machines, automatic	7835	Bottoms, basket.....	1174a
Tobin bronze.....	1121	Boot black chairs.....	2403	& turning machines.....	7836	converter, brick.....	3075
toggle	1122	calks	1807	pulley	8856	copper	3172
toggle, boiler patch.....	1123	jacks	1145 & 6770	& turning machines, vertical	7837	feed bag.....	1174b
track	1124	machinery (see shoe machinery)	9095	tools	15707	kettle	1175
trolley span, wire work	1125	protectors	11691	tools, chucking machines, handle	8422	Bourdon pressure gauges (see gauges, steam).....	5330
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"U"	1126	waterproofing	16685	& chucking machines, handle	8422	separators	13290
wall fixture.....	1127	Booths, election, steel or wood	4210	& chucking machines, vertical	7831	sockets	13823
wall plate.....	1128	moving picture machine	1144	& drilling machines, horizontal	7832	Bower barfed work.....	1176
water closet indicator.....	1129	telephone (see telephone cabinet work).....	14914	& facing machines.....	8288	Bowling alley brushes.....	1525
whiffletree	1130	Boots, elevator.....	1146	& milling machines, horizontal	7833	alley builders.....	1177
window	1071	felt	1152	& mortising machines, hub	8472	alley crayons.....	3400
Bond bags.....	384	horse	1147	& reaming machines.....	7834	ball bags.....	377a
boxes	1205	hunting	1148	& sander machines.....	9005	balls	447
concrete	2981	lawn	1147	& tapping machines, automatic	7835	chalk	2406
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paper	10633	rubber	1153	& turning machines, pulley	8856	pins, king.....	10905a
wires	17015a	sewer connection.....	1150	& turning machines, vertical	7837	Bowls, cow watering.....	1178
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clamps, rail.....	2606	wool	1154			sanitary sugar.....	1178b
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Bone ash.....	1131	ratchet corner (see bit braces)	826			ox	1182
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cutters	9767					bands	502
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screw removable.....	1807b	testing machines.....	9272	chines	9234	tin	1875
Call bells.....	710	tin oil & grease.....	1877a	tables	14645	tin, fibre & galvanized.....	1876
boxes, district.....	1218	tipping machines.....	7947	viner feeding machines.....	7959	tin, fruit.....	1877
Calling systems factory (see signals, factory & office)	13645	top folding machines.....	7948	Cannery retorts.....	12387	toilet preparation.....	1853
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Canthooks	1884	brakes, electric.....	1364	pullers	11710	Carbolic acid.....	26
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Canting machines.....	7962	buffers	1627	racks	12057	Carbon bags (see bags,	
Canvas aprons.....	209	builders (see cars, var-		radiators, electric (see		tool)	423
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center	738	builders' wrenches....	17062	repair work.....	1926	bortz	1937a
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blasting	888 & 1890	flooring	4888	treads	1929	black mfrs.).....	1938
bottle & flask.....	1891	gates & guards.....	1920	trimmings	1930	steel	14197
bronze	1892	gongs	720	truck side frames.....	1931	steel castings.....	2153
chimney	1893	guards, safety.....	5702	truck & body bolsters...	1932	strips (see carbon	
color for incandescent		hardware mfrs.....	5925	trucks, steam & elec-		mfrs.)	1939
bulbs	1894	haul chains.....	2311	tric	16010	tetrachloride	1942
conduit (see bushings		hauls	5972	underframes, steel....	16226	thickeners	15522
conduit)	1715	headlights, electric....	5983	unloaders	7512	tissue paper.....	10640
delay electric blasting...	1895	heater deflectors.....	3684	unloaders, coal.....	16233	tubes (see carbon	
electric blasting.....	1895	heaters, coal.....	6020	unloaders, sugar cane...	16237	mfrs.)	1939
flask	1891	heaters, electric.....	6026	unloaders, sugar cane...	16237	Carbonate ammonium....	152
fruit jar.....	1896	heaters, vapor system...	6021	ventilators	16483	calcium	1798
fuse	1897	heating apparatus.....	6058	vestibules	16499	of ammonia.....	1943
gun (see ammunition)...	155	heating boilers.....	1020	washing brushes (see		of barytes.....	1944
hitching post.....	1898	heating hose.....	6449	brushes, window)....	1583	of copper.....	1945
hub	1899	hopper wrenches.....	17063	water closets.....	16674	of iron.....	1946
I-beam	1900	inspectors' torches....	15806	wheel annealing tanks	14741	of lime.....	1947
ice, rubber.....	12789	insulation refrigerator...	6657	wheel boring machines	7815	of magnesium.....	1948
jelly glass.....	1901	jacks	6773	wheel centers.....	2274	of nickel	1949
milk bottle.....	1902	journal bearings (see		wheel chucks.....	2508	of potash.....	1950
miners'	1903	bearings journal)....	679	wheel flasks (see flasks,		of soda (see salsoda)...	12870
percussion (see ammu-		journal box oillers....	10249	molders')	4865	zinc	17131
nition)	155	journal jacks (see		wheel grinding mach-		Carbonating machinery...	7973
pile	1904	jacks, car).....	6773	ines	8396	powders	11460
pipe	1905	journal lubricators....	7626	wheel guards.....	1919	Carbonation or satura-	
plank	1900	journals	6850	wheel holders.....	6229	tion plants.....	1951
pole (see straps, pole)...	14462	ladder irons.....	6725	wheel lathes.....	7261	Carbonators	1952
post	11393	lamps	7161	wheel molding mach-		Carbonic acid gas cyl-	
railway	15630	lamps, incandescent		ines (see molding		inders	3634
roofing, tin.....	1906	electric (see lamps,		machines, foundry)...	8632	acid gas compressors...	2956a
screw	1907	incandescent electric)	7175	wheel presses.....	11503	acid gas regulators....	12316
timber (box anchor &		lighting apparatus....	1921	wheels	16766	acid gas valves.....	16288
timber caps).....	1184	lighting tanks.....	14740	wheels, ball or roller		gas regulators.....	12316
timber (joist anchor &		lighting trailer connec-		bearing	16767	Carbonizers	15035
timber caps).....	6849	tors	3037	wheels (hand & push		wool	17043
ventilating	1908	lights, signal.....	13638	car)	16786	Carbonizing	1953
waterproof	1909	lining	1922	wheels (logging car)...	16789	steel	1954
wooden	1910	lining nails	10048a	wheels (mine car)....	16793	Carbons, arc light.....	1955
Capstan bars.....	562	loaders (box car)....	7502	wheels, steel tired....	16810	battery	1956
screws	13193	loaders (coal car)....	7503	wheels, street car) (see		blue print.....	958
Capstans	1911	loaders (grain car)....	7505	wheels, car).....	16766	crucible (see carbon	
cable pulling.....	1912	loaders & unloaders...	7512a	windows, fixtures.....	1933	mfrs.)	1939
Capsule machines.....	7965	locks	7536	window rubbers (see		resistance	12376
molds	9905	mfrs. (see cars).....	1995 to 2081	cleaners, window)...	2679	search light	1958
Car axles	357	motor gear cases.....	5362	window shades (see car		welding	1939
axles (mine car).....	360	motor gears.....	5375	curtains & materials)	1916	Carborundum brick.....	1958a
axles (street car)....	362	motor pinions.....	10880	window washers, elec-		paper	10641
bells	720	mouldings	10001b	tric portable.....	1934	wheels	16768
body bolsters.....	1932	movers or pushers....	1923	wiring cleats.....	2684	Carboy carriers.....	1982
bolts	1062	parts of every descrip-		Caramel paste.....	10754	inclinator (see rockers,	
		tion	1924			carboy)	12541

	No.		No.		No.		No.
Carboy, rockers.....	12541	Carpet, fasteners.....	4567	Carriage wheel hubs.....	6491	Cars, elevator.....	4236
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Carboys (see stoneware, chemical).....	14360	fraying machines.....	8339	wheel spokes.....	13944a	fibre.....	2025
glass.....	1959	knives.....	6944	wheels.....	16769	flat.....	2026
Carbureters.....	1960	knobs.....	7065	wrenches.....	17064	foundry.....	2027
Card attachments.....	15036	layers' hammers.....	5753	Carriages.....	1972	freight.....	2028
Cases.....	2111a	linings.....	7464	children's.....	1973	freight, interurban.....	1435a
cleaners.....	15036a	loom knives.....	7001	gun.....	1974	gable bottom.....	2029
clothing.....	15037	looms.....	15243	hose.....	6450	gas coke.....	2030
cutting dies, round corner.....	3786	machinery.....	15052	saw mill.....	1975	gas-electric.....	2031
cutting machine.....	7975 & 15038	nails.....	10049	tension.....	1976	gondola.....	2032
drawer frames.....	5004	needles.....	10110	Carriers, acid phosphate.....	1977	gravity dump.....	2033
feed rolls.....	15350	printing machines.....	15053	axe.....	1981	hand, tower.....	2072
grinding machines.....	15039	rolling machines.....	15054	barbed wire.....	1979	hand & push.....	2034
holders.....	6231	sewing machines.....	9062	belt (see conveyors, belt).....	3093	hopper.....	2035
indexes (see filing cabinets & devices).....	4706	stretchers.....	14475	bucket (see elevators, bucket).....	4256	hot metal or slag.....	2036
middles.....	15040	sweeper brushes.....	1531	can & bag, street sweeping.....	1980	industrial.....	2037
plates (see holders, card & label).....	6231	sweeper handles.....	5823	can.....	1981	ingot.....	2038
printing presses.....	11504	sweepers.....	14556	canteen.....	1981	inspection.....	2039
racks, wire.....	12058	sweepers, vacuum.....	14557	carboy.....	1982	interurban.....	2040
repeaters, Jacquard.....	15041	tacks.....	14681	cash.....	1983	interurban gasoline.....	2041
screens.....	15368	twisters.....	15444	change.....	1984	ladle (see cars, foundry).....	2027
stitching machines, Jacquard.....	15042	vises.....	16516	egg.....	1985	liquid cinder.....	2042
stretchers.....	15043	Carpeting, rubber (see mats & matting, rubber).....	9620	feed & litter.....	1986	logging.....	2043
tables.....	14646	Carpets, cork.....	3215	game.....	1987	matte tapping.....	2044
wire.....	16913	wood (see floors, parquet).....	4896	gravity (see conveyors, gravity).....	3113	messenger.....	2004
& garnet machines combined.....	15186	Carrara glass.....	5442	hay.....	1988	mine.....	2045
Cardboard.....	1961	marble.....	9563	litter.....	1986	mine rail & machinery.....	2044a
sawing machines, wood.....	7974	Carriage aprons.....	208	mail.....	1989	mining, steel.....	2066
signs.....	13660	axles.....	358	merchandise.....	1990	mold drying.....	2046
slitting machines.....	8737	axles, children's.....	359	milk bottle.....	1991	motor, inspection.....	2047
thermometers.....	15501	blankets (see robes, carriage & lap).....	12538	milk can.....	1992	open hearth charging.....	2008
Carders' tools.....	15044	bodies.....	1002	parcel.....	1992a	ore.....	2045
Cardigans.....	14554	bolt wrenches.....	17064	self-feeder wing.....	1993	passenger.....	2048
Carding engines, woolen & worsted.....	15150	bolts.....	1063	timber.....	7690	pig iron.....	2048a
Cards, color, paint mfrs.....	10526	bows.....	1181	trace.....	1994	pit.....	2049
cotton.....	15045	builders' machinery.....	7978	wing self-feeder.....	1993	plantation.....	2050
file.....	1962	calls, electric clamps.....	1967	Carryall bags.....	379	plate & sheet mill.....	2051
foss.....	15046	clamps.....	2569	Carrying hooks.....	6315	platform.....	2051a
hand.....	15047	cloth.....	1967a	shanks, ladle.....	13380	pole road.....	2052
horse, cotton & wool.....	1963	cloth, rubber & enamel.....	1968	Cars, air dump, automatic.....	1996	push.....	2034
index & guide.....	1964	cloth, woolen.....	1969	all around dump.....	1994a	quarry (see cars, industrial).....	2037
Jacquard.....	15048	cloth, worsted.....	1969	annealing furnace.....	1994b	railroad, repaired or rebuilt.....	2053
peavey.....	15046	curtain fasteners.....	4548	asphalt.....	1995	refrigerator.....	2054
playing.....	11160	curtain holders.....	6232	automatic air dump.....	1996	rock (see cars, industrial).....	2037
revolving flat.....	15049	curtain lights.....	7441	ballast.....	1997	rolling mill.....	2054a
steel wire stripper.....	15050	door handles.....	5824	barney.....	1998	rotary tunnel.....	2055
woolen & worsted.....	15051	door knobs.....	7066	billet.....	1999	scale.....	2055a
Care stakes, cemetery.....	2270	door mouldings.....	10001	blue print.....	954	scale test.....	2056
Cargo hooks, safety.....	6314a	drills, rubber.....	1968	boiler room.....	2000	scoop.....	2056a
transferring machinery, marine transfer.....	7976	elevators.....	4258	bonding.....	2001	seat.....	1928
Carlines.....	1965	eyelets.....	4517	bottom dump.....	2021	second-hand.....	2057
Carnation glass.....	5441	forgings.....	4939	brick & clay.....	2002	sheet mill.....	2051
Carnauba wax.....	16698	hardware.....	5926	bridge & gang.....	2003	shop.....	2058
Carnival, horns, tin.....	6439	heaters.....	6018	cable & messenger.....	2004	side dump.....	2059
Carousels, organs, etc.....	1966	jacks (see jacks, wagon).....	6798	caboose.....	2005	side & bottom dump.....	2021
Carpenters (see contractors, building & general).....	3044	joints.....	6833	cane (see cars, plantation).....	2050	skip.....	2060
Carpenters' adze mfrs. (see adze mfrs.).....	80	knobs.....	7066	canopy.....	2006	slag.....	2036
aprons (see aprons, canvas, duck, etc).....	209	lamp brackets.....	1335	cement.....	2006a	spreader.....	2062
augers (see bits, auger).....	828	lamps.....	7163	charging.....	2007	sprinkling, street railway.....	2063
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braces (see braces, bit).....	826	poles.....	13374	cinder (see cars, hot metal or slag).....	2036	steel.....	2065
chalk.....	2407	rails.....	12119	clay.....	2002	steel mining & dump.....	2066
chisels.....	2478	robes.....	12538	coal.....	2009	stone.....	2037
clamps, adjustable screw, etc.....	2568	seats.....	1002	coke.....	2010	storage battery.....	2067
compasses.....	2916	shafts.....	13374	combination.....	2011	street & electric.....	2068
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Carpet awls.....	337	top cables.....	1775	creosoting.....	2015	track.....	2072a
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		trimmers' tacks.....	14682	dumping.....	2022	velocipede.....	2081
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Cartridge belts.....756	gear.....5361	iron culvert pipe.....10932	brass.....2151
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Carts, barrel.....2094	pen.....2121	iron frogs.....5025	bronze).....2196
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oil soap.....	13805	metal (see ceilings,	2218	porch column machin-	9906	grinders.....	5610
oils.....	10285	sheet steel).....	2219	ery.....	7992	grinders, lathe.....	5629
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Cat boats.....	990	tile.....	2220	post molds (see molds,	9906	markers.....	9588
Cat-gut, surgical.....	2202	Celakap.....	2221	concrete).....	9906	pieces, plaster (see or-	10411
Catacomb or mausoleum		Celery hillers.....	6080	pulverizers.....	11768	naments, plastic).....	11070
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Catalog buckram (see		Cellar box cotters.....	3246	roofing tile.....	12740	punches.....	11990
cloth, book).....	2747	door hinge hooks.....	6817	roofing tile machinery		reamers.....	12189
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Catalogues, general hard-		grates.....	5579	sacks, paper.....	12842a	chucks, lathe).....	2515
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jacks.....7601	rag carpet & rug.....15261	Lug clasps.....2628	bolts.....1091
jacks.....6793	ribbon.....15262	hook clasps.....2628	brushes.....1545
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locomotives.....7593	leaf paper.....10684	drying kilns (see kiln drying apparatus, mfrs. & kilns, dry), 6904 & 6909	moulded pulleys.....11747
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sleighs.....13770	pulleys.....11746	gauges.....5299	oils, castor.....10286
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trucks.....16028	Lounge feet.....7613	kyanized.....7650	parts, hardened & ground.....7666
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Logs, engine.....7603a	phosphorous melting bars.....575	mfrs.....7653	riveted pipe.....10952
gas.....7604	pressure boilers (see pressure steam turbines).....16152a	mfrs., cypress.....7652	rules, divided steel.....12819
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knives.....6999	service pumps.....11888	pattern & flask stock.....7656	screws.....13210
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	Lubricants, automobile.....7615		tongues.....15692
	commutator (see compounds, commutator).....2932		tool attachments.....7666a
			tool bearings.....675c
			tool controllers.....3062
			tool spindles.....13930
			tools.....7667
			wipers.....16890
			work, automatic.....7668
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No.		No.		No.		No.	
Machine work, general		Machinery, automobile,		Machinery, beam straight-		Machinery, blind slat	
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acid cleaning.....	7673	al)	7705	beetle	7745	blue print coating...	955
adamantine coring well		automobile wheel.....	7706	belt chopping.....	7746	blue print washing &	
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adding	7674	handle turning).....	7275	belt finishing.....	7748	blue printing.....	962
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			gates.....5231
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handling plants.....	12899	cord irons.....	6744	gauges.....	5320	machines, metal po-	
handling plants, foun-		cord mfrs., steel.....	12917a	grinders.....	5645	wer.....	8589
dry.....	4994a	cord mfrs., steel wire.....	12918	grinders, band saw.....	5608	machines, pattern shop.....	8753
heaters.....	12908	cords.....	3202	guards.....	5703	machines, pole.....	8837
hoists, pneumatic.....	6209	curtain rod hooks.....	6376	guides.....	5714	machines, rail.....	8902
levee bags.....	413	curtain rods.....	12582	gummers.....	5723	machines, scroll.....	9047
lifting & jet water		door & blind machin-		handles.....	5866	machines, shingle.....	8439
eductors.....	4196	ery.....	9011	hardening furnaces.....	5118	machines, stave.....	9198
-lime brick.....	1455	door & blind mfrs.....	12919	makers' anvils.....	203	machines, stone.....	9212
-lime brick machinery.....	9001	English casement.....	12920	-makers hammers.....	5792	machines, stone, gang.....	9210
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painters' colored.....	12900a	grooving machines.....	9012	mill conveyors.....	3134	lar.....	9477
paper.....	10663	hangers, storm.....	5911	mill dogs.....	3876	machines, wood, gang.....	9466
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paper making machin-		dow.....	16873	mill hogs.....	6165	combination.....	12949
ery.....	9003	holders.....	6264	mill machinery.....	9019	rigs, portable.....	12950
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plants, complete (see		lifts.....	7426	mfrs.).....	7653	cross-cut.....	12951
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pure white.....	12901	metal.....	9678	mills, gang.....	12939	wood.....	9478
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reels.....	12270	pins.....	10915	punching machines,		back (see saws, mitre	
rolls.....	12695	pivots, window.....	16874	butchers'.....	7904	box).....	12939
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silica.....	12903	pulley mortising ma-		ring rigs, portable).....	12950	chines).....	7725
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	No.		No.		No.		No.
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structural steel		for drawing.....	13032	els	6815	13098 & 13105	
shapes	12999a	foundry (see scales, beam)	13013	instrument movements		bearing	13099
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Scale boxes.....	1274	railroad track.....	13057	grain	13076	road, drag & wheel.....	12535
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weighing	15155	shipping & receiving.....	13049	ice cream).....	3846	pavement)	2668
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Scales, abattoir (see		thermometer	13055	Scoring machines, box		track)	2677
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armor plate (see scales,		track	13057	machines can.....	7940	tube	2648
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automatic coal.....	13018	trolley track.....	13058	Scoured wools.....	17045	wire	13126
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scales, platform, or		Scallop knives.....	7033	& buffing machines,		brush wire.....	16978
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balance (see balances,		Scalloping & pinking ma-		& polishing machines,		brushes steel wire).....	1572
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barometer	13055	sieve	13061	wheat	9403a	wire cloth window	
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cant flippers.....	1883	saw mill feeds.....	4612	balls for polishing &		centering.....	2272
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iron pipe.....	10974	gauges.....	5350	pipe cutter.....	16794	statuary.....	14181
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	No.		No.		No.		No.
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metal ingots.....	6598	keg.....	16862	reversible.....	16875	cloth, monel metal.....	16920
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Portland cements.....	2269	bolts.....	1071	Wine bottle racks.....	9338	coiling machines.....	8074
print paper.....	10732	brush handles.....	5880a	coolers.....	3167	cold drawn steel.....	16923
sand, pure.....	12901	brushes.....	1583	filters.....	4751	cold rolled.....	16924
tissue paper.....	10722	burglar alarm springs.....	16879	making machinery.....	9418	connecting & leading connectors.....	16925
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Whitewash brushes.....	1554	display fixtures.....	16866	nuts.....	10221	copper telephone.....	16927
spraying machines.....	8693	ends (see cord & sash).....	3202	Winged calipers (see calipers & dividers).....	1806	coppered.....	16928
Whiting, gilders'.....	16841	fasteners, storm (see hangers, storm sash).....	5911	Wiper cups.....	3505	"Copperweld" copper clad steel.....	16928a
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lumber mfrs. & dealers.....	7653	frame & sash wrought steel.....	16868	Wiping machines, can.....	7950	crating machines.....	9423
marble.....	9583	frames reversible.....	16869	plumbers' cloths.....	2769	crimping machines.....	9424
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Wickets.....	16843	glass (wholesale & retail).....	5463	Wire, aerial & cable.....	16891	cutters.....	3588
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felt, for electric motors, etc.....	16844	guards, "Pitt-Bostwick" patents.....	16871	aluminum bronze.....	16894	drawing dies.....	3807
lamp, etc.....	16845	handles.....	5881	aluminum coated.....	16895	drawing grease.....	5595
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Wigwags.....	16847	pivots.....	11014	annealers.....	175	drawing plates.....	11143
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Willow baskets.....	621	pole hooks.....	6405	annunciator.....	16896	easels.....	4190
furniture.....	5152	pull-down poles.....	11376	antenna-aerial & antenna cord.....	16897	electrical (see insulated, copper, magnet, enameled, rubber covered & other kinds of wire).....	16929a
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& split baskets.....	621	reflectors.....	12286	asbestos covered.....	16899	enameling machinery (insulating wire).....	9451
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pit head.....	16852	screen wire cloth.....	16921	barbing machines.....	9419	fence machinery.....	9426
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The products advertised are those for which there is a *National* demand and are generally the best of their kind.

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HENDRICKS' COMMERCIAL REGISTER

OF THE UNITED STATES
FOR BUYERS AND SELLERS

26th EDITION 1917-1918

CLASSIFIED TRADES SECTION

Classifications marked thus * are inserted for concerns using this publication for publicity purposes. Other concerns in similar lines of business will be found under standard classifications.

Note.—The "Index to Classifications" should always be referred to when the desired information is not found in alphabetical order in the following pages. Many articles of a similar nature only appear under one general classification. For example, "galvanized steel sheets" cannot be found under the letter "G," but a reference to the "Index to Classifications" shows them at classification 6715, and when that number is looked at the required information is given under the listing of "Iron and Steel Sheet (Black and Galvanized)."

Abrasives

See Emery & Corundum Manufacturers

1—Absorbers (Shock, Typewriter)

Morrow F. S. ("Noiseless Automatic"), 154 Nassau, New York

2—Absorbers (Tungsten Shock)

Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.

3—Absorption Towers

Didier-March Co., Perth Amboy, N. J.
Graham Chas. Chemical Pottery Works, 986 Metropolitan av, Brooklyn, N. Y.

*Accident Preventers for Machinery

Lockhart-Hodge Co., Inc. ("Jones" for Wood Working Machinery), White bldg, Buffalo, N. Y.

*Accident Preventers for Machinery, Presses, Etc.

For Preventing Accidents to Workmen
See also Press Attachments for Preventing Accidents

ELMES CHAS. F. ENGINEERING WKS., INC. (Safety Attachments for Hand Jointers & Planers), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

FEUDER, PAESCHKE & FREY CO. ("Cream City," Automatic), Milwaukee, Wis.
See adv index & branch offices at end of book

Lockhart-Hodge Co., Inc. ("Jones" for Wood Working Machinery), White bldg, Buffalo, N. Y.

Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

— Account Register & System

Globe Register Co., 412 E 6th, Cincinnati, Ohio

Hainer Bookkeeping Machine Co. ("Hainer"), 45 Williard av, Providence, R. I.

McCaskey Register Co., Alliance, O.
Maxwell Filing System Co., Cleveland, O.
Simple Account Salesbook Co. (Account Salesbook), Fremont, O.

Accumulators (Chloride)

See Batteries, Storage

— Accumulators (Hydraulic)

Allen Machine Co., Erie, Pa.
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

Birmingham Iron Foundry, Derby, Conn.

BOOMER & BOSCHERT PRESS CO. (Weighted), 379 W Water, Syracuse, N. Y. *See adv index at end of book*

Buckeye Iron & Brass Works, Dayton, O.
Burroughs Chas. Co., 141 Commerce, Newark, N. J.

Cardwell Machine Co., Richmond, Va.
Chambersburg Engng. Co., Chambersburg, Pa.

Columbiana Boiler Co., Columbiana, O.
CROSSLEY MACHINE CO., State & Chestnut, Trenton, N. J.
See adv index at end of book

ELMES CHAS. F. ENGINEERING WKS., INC., cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Farrel Foundry & Machine Co., Ansonia, Conn.

French Oil Mill Machinery Co. (For Cottonseed & Linseed Oil Mills, etc), Piqua, O.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hydraulic Press Mfg. Co., Mt. Gilead, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book

Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.

Mackintosh, Hemphill & Co., Pittsburgh, Pa.

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

Niles-Bement-Pond Co., 111 B'way, New York

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Penn. Engineering Works, New Castle, Pa.

Reeves Bros. Co., Alliance, O.

Robertson Jno. & Co., 133 Water, Brooklyn, N. Y.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Southwark Fdry. & Machine Co., 430 Washington av, Phila., Pa.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Thomas Albright Co., Goshen, Ind.

Tod William, Youngstown, O.

TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Treadwell Engineering Co., Easton, Pa.
See adv index at end of book

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

Waterbury Farrel Fdry. & Machine Co., Waterbury, Conn.

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Wood Wm. H., Media, Pa.

Woodard Machine Co., Wooster, O.

Worthington Pump & Machinery Corp., 115 B'way, New York

8— Accumulators (Steam)

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

9— Acetanilide

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

Merck & Co., 45 Park pl, New York
National Aniline & Chemical Co., 100 William, New York

Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

10— Acetate Ethyl

Anderson Chemical Co., Wallington, N. J.
DU PONT CHEMICAL WORKS (U. S. P. & Pure), 120 B'way, New York

National Aniline & Chemical Co., 100 William, New York

Acetate of Alumina

See Alumina

11— Acetate of Chrome

Avery Chemical Co., 88 Broad, Boston, Mass.

Wolf Jacques & Co., Passaic, N. J.

12— Acetate of Lead

General Chemical Co. (Crystals & Solutions), 25 Broad, New York
Grasselli Chemical Co. (Brown & White), Guardian bldg, Cleveland, O.

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.

Hillier's R. Son Co. (Powdered), 317 Pine, Jersey City, N. J.

Naugatuck Chemical Co., Naugatuck, Conn.

13— Acetate of Lime

Beerston Acetate Co., Olean, N. Y.

Boyne City Chemical Co., Boyne City, Mich.

Buckhannon Chemical Co., Olean, N. Y.

Cadillac Chemical Co. (Grey), Cadillac, Mich.

Clawson Chemical Co., Ridgway, Pa.

Coryville Chemical Co., Bradford, Pa.

Cummer-Diggins Co., Cadillac, Mich.

Forest Chemical Co., Sheffield, Pa.

Gray Wm. S. & Co. (Jobber), 80 Maiden la, New York

Heinemann Chemical Co., Olean, N. Y.

Kessler Co., Electric bldg, Cleveland, O.

Lewis Run Mfg. Co., Bradford, Pa.

McKean Chemical Co., Williamsport, Pa.

Marvindale Chemical Co., Bradford, Pa.

Maryland Wood Products Co., Bradford, Pa.

Mashek Chemical & Iron Co., Wells, Mich.

Newton Chemical Co., Olean, N. Y.

Noble Electric Steel Co., 995 Market, San Francisco, Cal.

Norwich Chemical Co., Crosby, Pa.

Nusbaum Chemical Co., Bradford, Pa.

Oswaygo Chemical Co., Bradford, Pa.

Otto Chemical Co., Williamsport, Pa.

Russell Chemical Co., Ltd., Russell, Pa.

Smith A. B. Chemical Co., Buffalo, N. Y.

Sullivan Chemical Co., Acidalia, N. Y.

Treyz G. I., Cooks Falls, N. Y.

Wyman Chemical Co., Port Alleghany, Pa.

14— Acetate of Soda

Anderson Chemical Co., Wallington, N. J.
General Chemical Co., 25 Broad, New York
Grasselli Chem. Co. (Brown & White),
Guardian bldg, Cleveland, Ohio
Merrimac Chemical Co., 148 State, Boston,
Mass.

15— Acetine

Bischoff C. & Co. (Imp), 451 Washington,
New York

16— Acetone

Albany Chemical Co., Albany, N. Y.
Cleveland-Cliffs Iron Co., Rockefeller bldg,
Cleveland, O.
Erkenbrach Geo. A. Co., 115 Maiden la,
New York
Gray Wm. S. & Co. (Jobber), 80 Maiden
la, New York
Harshaw, Fuller & Goodwin Co., Electric
bldg, Cleveland, O.
Mallinckrodt Chemical Works, 2d & Mal-
linckrodt, St. Louis, Mo.
Mashek Chemical & Iron Co. (Metny),
Wells, Mich.
National Aniline & Chemical Co., Inc.,
Schoellkoff Wks., Buffalo, N. Y.
National Aniline & Chemical Co. (Jobbers),
100 William, New York
Roessler & Hasslacher Chemical Co., 100
William, New York

17— Acetphenetidin

Monsato Chemical Works, 1800 S 2d, St.
Louis, Mo.

18— Acetyl Chloride

Warner Chemical Co., 52 Vanderbilt av,
New York

18a—*Acetylene Generators

See also Generators, Acetylene; also Gas
Machines, Acetylene

For welding pressure suitable only for welding or
cutting operations, have great advantages over low
pressure generators for the work mentioned.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

19— Acetylene Tetrachloride

Bischoff C. & Co. (Imp), 451 Washington,
New York

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20— Acid (Acetic)

Cleveland-Cliffs Iron Co., Rockefeller bldg,
Cleveland, Ohio
Eastwood Chemical Co., Belleville, N. J.
Fuerst Bros. & Co., 2 Stone, New York
General Chemical Co., 25 Broad, New
York
Grasselli Chemical Co., Guardian bldg,
Cleveland, O.
Harrisons, Inc., Philadelphia, Pa.
Harshaw, Fuller & Goodwin Co., Electric
bldg, Cleveland, O.
Kalbfleish Franklin H. Co., B'way & 16th,
New York
Klipstein A. & Co. (Imp), 644 Greenwich,
New York
Lennig Chas. & Co., 112 S Front, Phila.,
Pa.
McKesson & Robbins (Imp), 91 Fulton,
New York
Mallinckrodt Chemical Works, 2d & Mal-
linckrodt, St. Louis, Mo.
Marden, Orth & Hastings Co., 61 B'way,
New York
Merrimac Chemical Co., 148 State, Boston,
Mass.
Naugatuck Chemical Co., Naugatuck,
Conn.
Nusbaum Chemical Co., Bradford, Pa.

Penna. Salt Mfg. Co., Widener bldg,
Phila., Pa.

Powers-Weightman-Rosengarten Co., 916
Parrish, Phila., Pa.

Thomsen Chemical Co., Munsey bldg, Bal-
timore, Md.

21— Acid (Acetic, Crude)

Avery Chemical Co., 88 Broad, Boston,
Mass.
Eastwood Chemical Co., Belleville, N. J.
Forest Products Co., 1212 Whitney, New
Orleans, La.
Ga. Pine Turpentine Co., 158 Perry, New
York
Klipstein A. & Co. (Imp), 644 Greenwich,
New York
Spiratine Chem. Co. (Refined), Wilmington,
N. C.

Acid (Arsenious)

See Arsenic, White

21a— Acid (Battery)

See also Chemicals, battery

Cochrane Chemical Co., 40 Central, Bos-
ton, Mass.
Contact Process Co., Buffalo, N. Y.
Riverside Acid Wks, Warren, Pa.

22— Acid (Benzoic)

Badische Co. (Imported), 128 Duane, New
York
British-American Chemical Co., 52 Van-
derbilt av, New York
Farbwerke-Hoechst Co. (Imported), 122
Hudson, New York
Klipstein A. & Co. (Imp), 644 Greenwich,
New York
National Aniline & Chemical Co. ("How-
ards," Imp), 100 William, New York

23— Acid (Boric)

Croton Chemical Co. (Refined, Selling
Agent), 14 Cedar, New York
Drakenfeld B. F. & Co. (Flaky, Refined,
Imp), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Electric
bldg, Cleveland, O.
Klipstein A. & Co. (Imp), 644 Greenwich,
New York
Pacific Coast Borax Co. (Refined), Oak-
land, Cal.
Pfizer Charles & Co. (Crystals, Granular &
Powdered), 81 Maiden Lane, New York
Thorkildsen-Mather Co. ("Sterling"), 111
W Monroe, Chicago, Ill.
Wiarda John C. & Co. (Jobbers), 273
Greene, Brooklyn, N. Y.

24— Acid (Butyric)

Klipstein A. & Co. (Imported), 644 Green-
wich, New York
Mallinckrodt Chemical Works, 2nd & Mal-
linckrodt, St. Louis, Mo.
Merck & Co., 45 Park pl, New York
Powers-Weightman-Rosengarten Co., 916
Parrish, Phila., Pa.

25— Acid (Calcium Phosphate)

Virginia Consolidated Chemical Corp., 100
Broadway, New York

26— Acid (Carbolic)

Albany Chemical Co., Albany, N. Y.

ALLEN CHEMICAL CO.
 373-377 LINDEN STREET
 ALLENTOWN, PA.

Amerman & Patterson (Imported), 21
State, New York
Barrett Co., 17 Battery pl, New York
Bayway Chemical Co., Elizabeth, N. J.
Bischoff C. & Co. (Imported), 451 Wash-
ington, New York
Butterworth-Judson Corp., 61 B'way, New
York
Chatfield Mfg. Co., Carthage, Cinn., O.
Dow Chemical Co., Midland, Mich.

Fuerst Bros. & Co., 2 Stone, New York
General Chemical Co., 25 Broad, New
York

Hoffmann-La Roche Chemical Works, 440
Washington, New York
Klipstein A. & Co. (Crude, Crystal &
Liquid, Imp), 644 Greenwich, New
York

Lehn & Fink (Imported), 120 William,
New York

McKesson & Robbins (Imp), 91 Fulton,
New York

Mallinckrodt Chemical Works, 2d & Mal-
linckrodt, St. Louis, Mo.

Merck & Co., 45 Park Pl., New York
National Aniline & Chemical Co., Inc.,
Schoellkoff Wks, Buffalo, N. Y.

National Aniline & Chemical Co. (Imp),
100 William, New York

Powers-Weightman-Rosengarten Co., 916
Parrish, Phila., Pa.

Roessler & Hasslacher Chemical Co.
(Crystal & Liquid), 100 William, New
York

Schieffelin & Co. (Imp), 170 William, New
York

Semet-Solvay Co., Syracuse, N. Y.

27— Acid (Chromic)

Anatron Chemical Co., B'way & 16th,
New York

Klipstein A. & Co. (Imp), 644 Greenwich,
New York

28— Acid (Citric)

Klipstein A. & Co. (Crystal & Powder,
Imp), 644 Greenwich, New York

Pfizer Chas. & Co. (Crystals, Granular &
Powdered), 81 Maiden Lane, New
York

Powers-Weightman-Rosengarten Co., 916
Parrish, Phila., Pa.

Acid (Cresylic)

See Acid, Carbolic; also Cresol

29— Acid (Dipping)

Kalbfleisch, Franklin H. Co., 31 Union sq,
New York

30— Acid Eggs

Bethlehem Fdry. & Mach. Co., S. Beth-
lehem, Pa.

BUFFALO FOUNDRY & MACHINE
CO. (Cast Iron), 65 Winchester av,
Buffalo, N. Y.

See adv index at end of book

Devine J. P. Co., Buffalo, N. Y.

Duriron Castings Co. ("Duriron" Acid
Proof), 90 West, New York

Knight Maurice A., East Akron, O.

MACKINNON BOILER & MACHINE CO.
(Cast Iron), 218 N Water, Bay City,
Mich. See adv index at end of book

Moore Bros. Co., Elizabeth, N. J.

Pratt Engineering & Machine Co., At-
lanta, Ga.

Treadwell M. H. Co. of Illinois, 208 S La
Salle, Chicago, Ill.

United States Stoneware Co. (Glazed
Stoneware), Akron, O.

United States Stoneware Co. (Glazed
Stoneware), Akron, O.

Valk & Murdoch Co., Charleston, S. C.

WHEELER CONDENSER & ENGINEER-
ING CO. (Cast Iron), Carteret, N. J.

See adv index at end of book

31— Acid (Formic)

Bischoff C. & Co. (Imported), 451 Wash-
ington, New York

Geisenheimer & Co. (Imported), 134 Ce-
dar, New York

Klipstein A. & Co. (Imp), 644 Greenwich,
New York

Merrimac Chemical Co., 148 State, Boston,
Mass.

32— Acid (Gallic)

American Alkali & Acid Co., Bradford,
Pa.

Bischoff C. & Co. (Imp), 451 Washington,
New York

Cooper Chas. & Co., 194 Worth, New York

National Aniline & Chemical Co., 100
William, New York

Pfizer Chas. & Co., 81 Maiden la, New
York

Roessler & Hasslacher Chemical Co., 100
William, New York

Acid (Hydrochloric)

See Acid, Nitric & Muriatic

33— Acid (Hydrofluoric)

Baker J. T. Chemical Co., Phillipsburg, N. J.
 Baker & Adamson Chemical Co., Easton, Pa.
 Butterworth-Judson Corp., 61 B'way, New York
 Commercial Chemical Co., Clearing, Ill.
 Feuchtwaenger L. & Co., 54 Fulton, New York
 General Chemical Co. (For Etching & Polishing Glass), 25 Broad, New York
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Hydrofluoric Mfg. Co. (For Cleaning Castings), York, Pa.
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
 Naugatuck Chemical Co., Nagauatuck, Conn.
 Rhodes Jas. H. & Co., 157 W Austin av, Chicago, Ill.
 Riverside Acid Works, Warren, Pa.
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

34— Acid (Hydrosilicofluoric)

General Chemical Co., 25 Broad, New York

35— Acid (Lactic)

American Alkali & Acid Co., Bradford, Pa.
 Avery Chemical Co., 88 Broad, Boston, Mass.
 Badische Co. (Imported), 128 Duane, New York
 Bischoff C. & Co. (Imp), 451 Washington, New York
 Harrisons Inc., 3500 Gray's Ferry rd, Phila., Pa.
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 National Aniline & Chemical Co. (Jobbers), 100 William, New York
 Woolner & Co., Peoria, Ill.

36— Acid (Linoleic)

Klipstein A. & Co. (Imp), 644 Greenwich, New York

37— Acid (Malic)

Merck & Co., 45 Park pl, New York

38— Acid (Mixed)

Butterworth-Judson Co., 61 B'way, New York
 Contact Process Co., Abbott, Buffalo, N. Y.
 Detroit Chem. Wks., 238 Junction av, Detroit, Mich.
 General Chem. Co., 25 Broad, New York
 Harrisons Inc., 3500 Gray's Ferry rd, Phila., Pa.
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
 Kalbfleisch Franklin H. Co., 31 Union Sq. W, New York.

39— Acid (Molybdic)

Heil Henry Chemical Co., St. Louis, Mo.
YORK METAL & ALLOY CO., York, Pa.

40— Acid (Nitric & Muriatic)

American High Explosive Co., Empire bldg, Pittsburgh, Pa.
 Baker J. T. Chemical Co. (Nitric only), Phillipsburg, N. J.
 Barrett Co., 17 Battery pl, New York
 Butterworth-Judson Corp. (Nitric), 61 B'way, New York
CLINCHFIELD PRODUCTS CORP'N (Muriatic only), 120 B'way, New York
See adv index at end of book
 Commercial Acid Co., 3943 Duncan, St. Louis, Mo.
 Contact Process Co., Buffalo, N. Y.
 Cooper Chas. & Co., 194 Worth, New York
 Detroit Chemical Works (Nitric), Detroit, Mich.
 Erkenbrach Geo. A. Co. (Nitric), 115 Maiden la, New York
 General Chemical Co., 25 Broad, New York
 General Chemical Co. (For Iron & Steel Mfrs), Benedum Trees bldg, Pittsburgh, Pa.
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.

Harrisons Inc., Phila., Pa.

HERCULES POWDER CO. (Nitric), Wilmington, Del.

See adv index at end of book
 Kalbfleisch Franklin H. Co. (Nitric), B'way & 16th, New York
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Lening Chas. & Co., 112 S Front, Phila., Pa.
 Mallinckrodt Chemical Works (C. P.), 2d & Mallinckrodt, St. Louis, Mo.
 Merrimac Chemical Co., 148 State, Boston, Mass.
 Mountain Copper Co., Ltd., 332 Pine ("Mococo"), San Francisco, Cal.
 National Aniline & Chemical Co. (Jobbers), 100 William, New York
 National Zinc Co., Kansas City, Kan.
 Naugatuck Chemical Co., Naugatuck, Conn.
 Niagara Alkali Co. (Muriatic, only free from Arsenic), Niagara Falls, N. Y.
 Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
 Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
 Riverside Acid Wks. (Muriatic), Warren, Pa.
 San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
 Western Chemical Mfg. Co. (Commercial etc), Denver, Colo.

Acid (Oleic)

See Oils, Red

41— Acid (Oleum)

See Acid, Sulphuric Fuming

42— Acid (Oxalic)

American Alkali & Acid Co., Bradford, Pa.
 Bischoff C. & Co. (German), 451 Washington, New York
 Commercial Chemical Co. (Powdered), Clearing, Ill.
 Ducas B. P. Co. (Imp.), 25 S William, New York
 Fuerst Bros. & Co., 2 Stone, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York
See adv index at end of book
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York
 McKesson & Robbins (Imp.), 91 Fulton, New York
 National Aniline & Chemical Co., 100 William, New York
 Roessler & Hasslacher Chemical Co. (Imported), 100 William, New York
 Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

43— Acid Phosphate

Adair A. D. & McCarty Bros., Atlanta, Ga.
 American Agricultural Chemical Co., 2 Rector, New York
 Arkansas Fertilizer Co., Little Rock, Ark.
 Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
 Barker Chemical Co., Savannah, Ga.
 Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
 Davison Chemical Co., Garrett bldg, Baltimore, Md.
 Empire State Chemical Co., Athens, Ga.
 Furman Farm Improvement Co., Atlanta, Ga.
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Gulfport Fertilizer Co., Gulfport, Miss.
 International Agricultural Corporation, 61 B'way, New York
 Jarecki Chemical Co., Sandusky, O.
 Lang J. M. & Co. (Brokers), Savannah, Ga.
 Marietta Fertilizer Co., Atlanta, Ga.
 Mt. Pleasant Fertilizer Co., Mt. Pleasant, Tenn.
 New Orleans Acid & Fertilizer Co. ("Bull-Dog"), Gretna, La.
 Nitrate Agencies Co., 102 Pearl, New York
 Old Dominion Guano Co., Atlanta, Ga.
 Painter E. O. Fertilizer Co., Jacksonville, Fla.
 Planters Fertilizer & Chemical Co., 509 Hibernia, New Orleans, La.

Provident Chemical Wks., St. Louis, Mo.
 Rasin-Monumental Co., National Marine Bank bldg, Baltimore, Md.
 Royster F. S. Guano Co., Norfolk, Va.
 Southern Seed Co., Louisville, Ky.
 Standard Wholesale Phosphate Co., Continental bldg, Baltimore, Md.
 Swift & Co., Atlanta, Ga.
 Swift & Co., Union Stock Yards, Chicago, Ill.
 Tennessee Fertilizer Co., Albany, Ga.
 Thomas I. P. & Son Co., Drexel bldg, Phila., Pa.
 Troup Co., La Grange, Ga.
 Tupelo Fertilizer Factory, Tupelo, Miss.
 Victor Chemical Works (Baking), Fisher bldg, Chicago, Ill.
 Virginia-Carolina Chemical Co., Richmond, Va.
 Wuchet Fertilizer Co., Dayton, O.

44— Acid (Phosphoric)

Bowker Chemical Co., 2 Rector, New York
 General Chemical Co., 25 Broad, New York
 Innis Speiden & Co., Inc., 46 Cliff, New York
See adv index at end of book
 Katzenbach & Bullock Co. (Imp), Trenton, N. J.
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 National Aniline & Chemical Co. ("Tyres" Imp), 100 William, New York
 Roessler & Hasslacher Chemical Co., (Syrup & Glacial), 100 William, New York
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
 Virginia Consolidated Chemical Co., 100 Broadway, New York
 Warner Chemical Co. (1,400 S G), 52 Vanderbilt av, New York

45— Acid Plants (Complete)

Atlanta Utility Works, Atlanta, Ga.
 Chemical Constr'n Co., Charlotte, N. C.
 Devine J. P. Co., Buffalo, N. Y.
 Guarantee Construction Co., 140 Cedar, New York
 O'Brien A. P., Richmond, Va.
 Pratt Engineering & Machine Co., Atlanta, Ga.

46— Acid Plugs & Seats

Pratt Engineering & Machine Co., Atlanta, Ga.

47— Acid (Pyrogallic)

Berlin Aniline Works (Imp), 213 Water, New York
 Bischoff C. & Co. (Imp), 451 Washington, New York
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

Acid (Pyroligneous)

See Acid, Acetic, Crude

48— Acid (Salicylic)

British-American Chemical Co., 52 Vanderbilt av, New York
 Butterworth-Judson Corp., 61 B'way, New York
 Fuerst Bros. & Co., 2 Stone, New York
 Heyden Chemical Works, Garfield, N. J.
 Merrell W. S. Chemical Co. (Natural), 5th & Pike & Butler, Cincinnati, O.

48a—*Acid (Salicylic, Picric, Hydrochloric & Sludge

See also Acid, Nitric & Muriatic

DU PONT CHEMICAL WORKS, 120 B'way, New York

49— Acid (Stannic)

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

50— Acid (Stearic)

Celina Stearic Acid Co., Celina, O.
 Emery Candle Co., Cincinnati, O.
 Gross A. & Co., 90 West, New York
 Harkness & Cowing Co., Murray av & Carthage Pike, St. B., Cincinnati, O.
 Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
 Klipstein A. & Co. (Imp), 644 Greenwich, New York

Kuh E. S. & Valk Co. (Imp), Produce Exch., New York
 Proctor & Gamble Co., Gwynne bldg, Cincinnati, O.
 Rub-No-More Co., Ft. Wayne, Ind.
 Smith & Nichols (Imported), 121 Maiden Lane, New York
 Strahl & Pitsch (Imported), 141 Front, New York
 Virginia Products Corp., 3rd & 8th, Baltimore, Md.
 Will & Baumer Co., Syracuse, N. Y.

50a— Acid (Sulphanilic)

Agawam Chem. Wks., Grosvenor bldg, Prov., R. I.
 Chemical Co. of America, 28 Platt, New York
 Marden, Orth & Hastings Co., 61 B'way, New York

51— Acid (Sulphuric)

For Technical Use Only

American Alkali & Acid Co., Bradford, Pa.
 American High Explosives Co., Empire bldg, Pittsburgh, Pa.
 Avery Chemical Co., 88 Broad, Boston, Mass.
 Baker J. T. Chemical Co., Phillipsburg, N. J.
 Baugh & Sons Co., The (Selling Agents), 25 So Calvert, Baltimore, Md.
 Butterworth-Judson Corp., 61 B'way, New York
 Cleveland Cliff Iron Co., Rockefeller bldg, Cleveland, O.
 Commercial Acid Co., 3943 Duncan, St. Louis, Mo.
 Contact Process Co. (Also Fuming), Buffalo, N. Y.
 Cooper Chas. & Co., 194 Worth, New York
 Davison Chemical Co., Garrett bldg, Baltimore, Md.
 Ducktown Sulphur, Copper & Iron Co., Isabella, Tenn.
 General Chemical Co. (Also Fuming Sulphuric), 25 Broad, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Harrisons Inc., Phila., Pa.
 Hegeler Zinc Co., Danville, Ill.
 Illinois Zinc Co., Peru, Ill.
 Kalbfleisch F. H. Co., B'way & 16th, New York
 Lancaster Chemical Co., Lancaster, Pa.
 Lanyon Robert Zinc & Acid Co., Hillsboro, Ill.
 Lening Chas. & Co., 112 S Front, Phila., Pa.
 Mallinckrodt Chemical Works (C P), 2d & Mallinckrodt, St. Louis, Mo.
 Matthiessen & Hegeler Zinc Co., La Salle, Ill.
 Mechling Bros. Mfg. Co., Camden, N. J.
 Merrimac Chemical Co., 148 State, Boston, Mass.
 Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.
 National Zinc Co., Kansas City, Kan.
 Naugatuck Chemical Co., Naugatuck, Conn.
 New Jersey Zinc Co., 55 Wall, New York
 Penna. Salt Mfg. Co. (Fuming, etc), Widener bldg, Phila., Pa.
 Planters' Fertilizer & Phosphate Co., Charleston, S. C.
 Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
 Riverside Acid Works (Mfrs 50, -60 & 66 Electrolyte), Warren, Pa.
 Royster Chemical Wks., Norfolk, Va.
 Royster F. S. Guano Co., Norfolk, Va.
 San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
 Standard Acid Works (50°, 60°, 66° Acid & Fume Acid 66%), Continental bldg, Baltimore, Md.
 Stauffer Chemical Co., 624 California, San Francisco, Cal.
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
 Virginia-Carolina Chemical Co., Richmond, Va.
 Western Chemical Mfg. Co., Denver, Colo.

52— Acid (Sulphuric, Fuming)

Butterworth-Judson Corp., 61 B'way, New York
 Contact Process Co., Buffalo, N. Y.
 General Chemical Co., 25 Broad, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 National Zinc Co., Kansas City, Kans.

Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
 Tennessee Fertilizer Co., Albany, Ga.

52a— Acid (Sulphuric, Substitute)

Research Mfg. Co., Oak Lane, Phila., Pa.

53— Acid (Tannic)

Bredt F. & Co., 240 Water, New York
 Chilhowie Extract Co., Newport, Tenn.
 General Chemical Co., 25 Broad, New York
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
 Pfizer Chas. & Co., 81 Maiden la, New York
 Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

54— Acid (Tartaric)

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Pfizer Chas. & Co. (Crystals, Granulated & Powdered), 81 Maiden Lane, New York
 Tartar Chemical Co., 135 William, New York

55— Acid (Tungstic)

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.
 Primos Chemical Co., Primos, Pa.
 Tungsten Products Co., Boulder, Col.
YORK METAL & ALLOY CO. ("Grade A"), York, Pa.

56— Acid Vessels

See also Jars, Acid

Bishop Gutta-Percha Co., 420 E 25th, New York
 Eimer & Amend, 205 3d av, New York
 Gutta Percha & Rubber Mfg. Co. (Acid Pails), 126 Duane, New York

57— Acid (Vulcanizing)

Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

58— Acid (White)

General Chemical Co. (For Frosting Glass), 25 Broad, New York
 Wiarda John C. & Co. (For Frosting), 273 Greene, Brooklyn, N. Y.

59— Acidometers

Tagliabue Chas. J. Mfg. Co. ("Twichell's"), 20 33d, Brooklyn, N. Y.

60— *Acids

HARRISONS, INC., 35th & Grays Ferry rd, Philadelphia, Pa.

61— Acids (Wood)

Corbett M. J. & Co., Binghamton, N. Y.
 Corbett & Stuart, Binghamton, N. Y.
 Georgia Pine Turpentine Co. (Crude), 158 Perry, New York
 Leighton Arthur Co., Methol, N. Y.
 Luzerne Chemical Co., Pittston, Pa.
 Penn Chemical Co., Susquehanna, Pa.
 Wright Chemical Co., Susquehanna, Pa.

62— Aconitine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

Acousticons

See Audiphones

63— Actions (Piano)

Abbott Piano Action Co., Fort Lee, N. J.
 American Player Action Co., 2595 3d av, New York
 Auto Pneumatic Action Co., 627 W 50th, New York
 Cheney A. C. Piano Action Co., Castleton, N. Y.
 Englehardt Piano Co., St. Johnsville, N. Y.
 Estes E. B. & Sons (Wood Parts), 358 5th av, New York
See adv index at end of book
 Kurtz Action Co., Rockford, Ill.
 Piano & Organ Supply Co., 2132 N Racine av, Chicago, Ill.

Seaverns Piano Action Co., Buffalo, N. Y.
 Standard Action Co., Cambridge, Mass.
 Standard Pneumatic Action Co., 638 W 52d, New York

64— Adapters (Conduit Bushing)

Steel City Electric Co. ("Steel City"), 1207 Columbus av, Pittsburgh, Pa.

65— Adapters (Lamp)

Arrow Electric Co., Hartford, Conn.
 Benjamin Electric Mfg. Co. (Tungsten), 128 S Sangamon, Chicago, Ill.
 Bryant Electric Co., Bridgeport, Conn.
 Central Telephone & Electric Co. ("Ajax" Tungsten), 310 N 11th, St. Louis, Mo.
 Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.
 Culver-Stearns Mfg. Co., 34 Southbridge, Worcester, Mass.
 Dale Lighting Fixture Co. (Tungsten), 107 W 13th, New York
 Erikson L. Electric Co. (Tungsten Adjustable Joint), 6 Portland, Boston, Mass.
 Faw J. H., 41 Warren, New York.
 Federal Sign System (Electric), 640 W Lake, Chicago, Ill.

GENERAL ELECTRIC CO., Schenectady, N. Y.

See adv index at end of book

Hubbell Harvey, Bridgeport, Conn.
 Mayer & Reichert (Combination Electric & Gas Adapter & Cock), 84 Evergreen av, Brooklyn, N. Y.

Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.

MORSE FRANK W. ("Handy," for Candlesbra, Ediswan, Standard, Mogal, English & French), 293 Congress, Boston, Mass. *See adv index at end of book*

Plume & Atwood Mfg. Co. (Auto & Reading), 470 Bank, Waterbury, Conn.

Rosen A. W. & Co., 610 B'way, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

White J. H. Mfg. Co., 111 N 3d, Brooklyn, N. Y.

66— Addressing & Mailing

BOSTON MAILING CO. (Letters), 394 Atlantic av, Boston, Mass.

67— Adjusters (Automatic Slack)

American Brake Co. ("Westinghouse"), 1932 N B'way, St. Louis, Mo.

68— Adjusters (Brake Slack)

American Brake Co., 1932 N B'way, St. Louis, Mo.

Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.

Gould Coupler Co., 30 E 42d, New York

Holden & White, Fisher bldg, Chicago, Ill.

Standard Coupler Co. ("Shim" Automatic), 30 Church, New York

Western Railway Equipment Co. ("Acme" Automatic), Central Nat'l Bk bldg, St. Louis, Mo.

69— Adjusters (Chain)

Hamachek Frank ("Ideal," for Link-Chain Belting), Kewaunee, Wis.

70— Adjusters (Lamp)

MORSE FRANK W. ("Webster"), 293 Congress, Boston, Mass.

See adv index at end of book

71— Adjusters (Lamp Cord)

American Enamel Co., Providence, R. I.

American Vulcanized Fibre Co. ("Q. & C."), 504 Equitable bldg, Wilmington, Del.

Anderson Elec. Specialty Co., 562 W. Van Buren, Chicago, Ill.

Austin M. B. & Co. ("Gem"), 706 W Jackson Blvd, Chicago, Ill.

Baltes H. A., Garwood, N. J.

Bogert & Hopper, 67 Barclay, New York

Carter J. W. & Co., Abilene, Texas

Chicago Fire Apparatus Co., 208 N 5th av, Chicago, Ill.

Cohn Adolph, West Hoboken, N. J.

Condit Electrical Mfg. Co. ("Saca" Shock Absorbers & Cord Adjuster), 1st & L, Boston, Mass.

Crouse-Hinds Co., Syracuse, N. Y.

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.

See adv index at end of book

Diamond State Fibre Co. (Fibre), Elsmere, Del.
 Electric Specialty Mfg. Co. ("King"), Moorhead bldg, Pittsburgh, Pa.
ESTES, E. B. & SONS (Electric), 358 5th av, New York
See adv index at end of book
 Frantz Mfg. Co. ("Lightning"), Sterling, Ill.
 Gay Mfg. Co., Rochester, N. Y.
 Greenville Mfg. Co., Greenville, Pa.
 Gund Mfg. Co., La Crosse, Wis.
 Hagstrom Bros. Mfg. Co., Lindsborg, Kan.
 Ham E. W. Electric Co., Worcester, Mass.
 Harley Co., Springfield, Mass.
 Harter Co., Waukegan, Ill.
 Indispensable Mfg. Co., San Francisco, Cal.
 McGill Mfg. Co. ("Innovate"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
 Milam B. C. & Son, Frankfort, Ky.
MORSE FRANK W. ("Morse") Automatic "Handy", 293 Congress, Boston, Mass.
See adv index at end of book
 National Fibre & Insulation Co., Yorklyn, Del.
 Novelty Turning Co., Norway, Me.
 O'Connell Extension Light Fix. Co., Dallas, Tex.
 Perfection Adjuster Co., Fort Worth, Tex.
 Phelps Mfg. Co., 265 Jefferson av, Detroit, Mich.
 Runzel-Lenz Electric Mfg. Co. ("R-L" Telephone switchboard cord length adjuster), 1751 N Western av, Chicago, Ill.
 Standard Fibre Co., Miller st, Somerville, Mass.
 Stewart Frank H. Electric Co., 35 N 7th, Phila., Pa.
 Trumbull Electric Mfg. Co. ("Ideal"), Plainville, Conn.
 Union Electric Mfg. Co. ("Gem"), 110 Reed, Milwaukee, Wis.
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book
 Yost Elec. Mfg. Co. ("Electrogrip"), Toledo, Ohio

Adjusters (Shade)

See Adjusters, Window Shade

72-3—Adjusters (Switch Plate)

Electric Apparatus Co., 127 S Green, Chicago, Ill.

74—Adjusters (Window Casement)

Casement Hardware Co. ("Holdfast," "Bull Dog"), 9 S Clinton, Chicago, Ill.
 Champion Hardware Co. ("Champion," Casement Window), Geneva, O.
 Dent Hardware Co., Fullerton Pa.
 Ellison Brass Mfg. Co., Jamestown, N. Y.
 Grant Pulley & Hardware Co., 101 Park av, New York
 Holbrook H. E. Co. ("Whitney"), 200 Devonshire, Boston, Mass.
 Ives H. B. Co., New Haven, Conn.
 Parsons Mfg. Co., 411 So Clinton, Chicago, Ill.
 Payson Mfg. Co., 2918 W Jackson Blvd, Chicago, Ill.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Rixson Oscar C. Co. ("Sperry" Lock Comb), 501 S Jefferson, Chicago, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Safe Padlock & H'dwe Co, Lancaster, Pa.
 Sargent & Co., New Haven, Conn.
 Tabor Sash Fixture Co. (Aut.), 63 Polk, Newark, N. J.
 Weber-Knapp Co. (Wrought Brass Window), Jamestown, N. Y.
 Yale & Towne Mfg. Co., 9 E 40th, New York
 Zimmerman H. ("Zimmerman," Window), Fremont, O.

75—Adjusters (Window Shade)

Allen Shade Holder Co., 46 Cornhill, Boston, Mass.
 Ives H. B. Co., New Haven, Conn.
 Lancaster Clamp Window Shade Pull Co. ("Clamp" adjusts and pulls the shade up or down), Lancaster, Pa.

76—Adjusters (Window Stop)

Grant Pulley & Hardware Co., 101 Park av, New York
 Ives H. B. Co., New Haven, Conn.
 Lumley & Denly Co., Astabulo, O.

76a—Advance Construction & Industrial Information

DAILY BULLETIN, PUBLISHED BY MANUFACTURERS RECORD, Baltimore, Md.

See adv index at end of book

77—Advertising Counsellors

Advertising Laboratories, The (Technical), Canton, O.
 Chamberlin Co. (Technical Service, Steam & Mechanical Engineering, etc), Kresge bldg, Detroit, Mich.
 Gibson Geo. H. Co. (Steam & Mechanical Engineering, etc), 154 Nassau, New York
 Kuhl & Bent Co. (Printers, Lithographers, Embossers, High Class Form Letters, etc), 732 Sherman, Chicago, Ill.
 McLain-Hadden-Simpers Co. (Steam & Mechanical Engineering, etc), 210 W. Washington sq, Phila., Pa.
 Michel A. Eugene & Staff (Specialty Steam & Mechanical Engineering Products), Woolworth bldg, New York
 Reece & Crittenden Co., Cleveland, O.
 Rickard & Sloan, 20 Vesey, New York
 Russell-DeWolfe Co. (Machinery & Mill Supply Catalogs, Technical Advertising, Literature), 537 S Dearborn, Chicago, Ill.
 Snow Walter B., 136 Federal, Boston, Mass.
 Waring, Vechten Co. (Advertising Writing, Printing, Illustrating & Booklets, Catalogues, etc.), 37 E 28th, New York
 Wightman Lucius I. (Counsellor & Consulting Engineer in Technical Advertising & Marketing Exclusively), 50 Union sq, New York

78—*Advertising Devices (Automatic)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill.
See adv index at end of book

79—Advertising Novelties & Specialties

See also Index for Adv. Rules, Tapes, etc
See also Metal Novelties & Specialties
 Advertising Leather Specialty Co. (Leather), 303 Mercer, New York
 Advertising Specialty Co., 630 Mission, San Francisco, Cal.
 Aluminum Container Corp. (Aluminum Cards, Boxes & Clocks), Fulton, New York
 Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
 Aluminum Specialty Co., Manitowoc, Wis.
 American Art Sign Co., 201 37th, Brooklyn, N. Y.
 American Art Works (Calendars, Celluloid & Leather Novelties, Pocket Books & Diaries, etc), Coshocton, O.
 American Blank Book Mfg. Co. (Leather), 150 Lafayette, New York
 American Badge Co. (Metal Fobs, Celluloid Novelties, etc), 143 W Austin av, Chicago, Ill.
 American Luminous Products Co. (Clocks, Danger Signals, Bulbs, Boxes, Calendars, Switch Plates), Watts, Los Angeles, Cal.
 American Mfg. Concern (Full Line of Woolen Novelties), Falconer, N. Y.
 Anderson W. A. & Co. (Leather), 83 Fulton, New York
 Architects Card File Co., 35 Montgomery, San Francisco, Cal.
 Arms Leather Novelties Co. (Memo. Book & Leather Novelties), Amherst, Mass.
 Art-Stone Mfg. Co. (Plaster Casts, Statuettes, etc), 282 9th av, New York
 Atwater S. I., 101 Lafayette, New York
 Bainbridge Chas. J., Syracuse, N. Y.
 Barlow Co. (Brass, Copper, etc), Holyoke, Mass.
 Bastian Bros. Co. (Celluloid & Metal), Rochester, N. Y.
 Beach Leather Co., Coshocton, O.
 Bedford Aluminum & Specialty Co., 4 Reade, New York
 Bemis Bro. Bag Co. (Aprons, Blankets, School Bags, Fac-Simile Bags & Paper Bags), 601 S 4th, St. Louis, Mo.
 Berg Bros. (Leather), 478 B'way, New York
 Berlin Fabric Mfg. Co. (Dust Caps, Cloth Advertising Novelties), Berlin, Wis.

Best Mfg. Co. (Calendars, Card & Novelties), New Haven, Conn.
 Blackwell F. E. (Auto Adv. Specialties), 630 Mission, San Francisco, Cal.
 Blanchard Bros. (Pencils, Penholders & Round Handle Utilities), 19th, Brooklyn, N. Y.
 Bostwick-Goodell Co. (Wooden Specialties), Norwalk, O.
 Bradford & Co. (Leather), St. Joseph, Mich.
 Brazel Novelty Mfg. Co. (Aerial Ads), 1710 Ella, Cincinnati, O.
 Bullman E. O. Mfg. Co., Grand Rapids, Mich.
 Burgess W. C. & F. D. (Blotters), Newark, N. J.
 Canton Cutlery Co. (High Grade Photo Pocket Knives), Canton, O.
 Canton Glass Co. (Glass Paperweights and any Special Designs made from Blue Prints or Models), Marion, Ind.
 Canwood Novelty Mfg. Co., Danville, Ill.
 Carpenter L. A. Press. Metal Co. (Brass & Steel), Cambridge, Mass.
 Carroll J. Bruce (Celluloid, Metal & Paper Specialties, Rules, Stamps, Books, Umbrella Tags, Mirrors, Blotters, Memo. Books, Paper Cutters, Flag Pins, Match Safes, Leather Watch Fobs, Pencils, etc), 3057 Carroll, Chicago, Ill.
 Catalogue Equipment & Supply Co. (Loose Leaf Devices), Allston, Boston, Mass.
 Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.
 Coshocton Art Leather Co., Coshocton, O.
 Coshocton Specialty Co., Coshocton, O.
 Craig Shop Ye (Leather), Buffalo, N. Y.
 Crescent Leather Goods Co., 16 W 19th, New York
 Cruver Mfg. Co., Chicago, Ill.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
 Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
 Donker & Williams Co., 1322 Wabash av, Chicago, Ill.
 Ehrman Mfg. Co. (Metal & Celluloid), Milford, N. H.
 Eisenstark & Lipshitz (Leather), 297 Mercer, New York
 Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.
 Estes E. B. & Sons (Full Line of Wooden & Turned Wood Novelties), 358 5th av, New York *See adv index at end of book*
 Florin Philip (Leather), 465 Broome, New York
 Fortuna Leather Co. (Leather), 5909 Park av, Phila., Pa.
 Geraghty & Co. (Celluloid Mirrors & Tape Measures, Nickel Match Boxes, Buttons, Flags, etc), 153 N La Salle, Chicago, Ill.
 Gilbert E. T. Mfg. Co., Rochester, N. Y.
 Graeser Mfg. Co. (Paperweights), 55 Taggart, Pittsburgh, Pa.
 Grammes L. F. & Sons (Metal), Allentown, Pa.
 Haeusermann Metal Mfg. Co., 1093 Brook av, New York
 Hamilton Mfg. Co. (Leather), Portland, Me.
 Hance J. W. Foundry Co., Westerville, O.
 Hano Philip (Leather), 806 Greenwich, New York
 Hauser & Weil (Leather), 142 5th av, New York
 Hero Mfg. Co. (Aluminum), Gaul & Adams, Phila., Pa.
 Hoodwin J. W. Co. (Sales Boards & Cards), 2949 W. Van Buren, Chicago, Ill.
 Ideal Specialties Mfg. Corp. (Calendar "Up to Date"), 552 Pearl, New York
 Illustrated Postal Card & Novelty Co., 141 E 25th, New York
 Itasca Mfg. Co. (Clocks, Calendar Pads, etc), 519 W Vanburen, Chicago, Ill.
 Jackson W. & Co., 39 So La Salle, Chicago, Ill.
 Johnson Ezra Novelty Co. (Leather), Newnan, Ga.
 Kellogg Mfg. Co., 116 Nassau, New York
 Ketterlinus Lithographic Mfg. Co. (Calendar Backs, Advertising Fans, Book Marks, Blotters, etc), 4th & Arch, Phila., Pa.
 Knickerbocker Leather & Novelty Co., 79 5th av, New York
 Lambert P. W. & Co. (Leather), 64 Lispenard, New York
 Lancaster Glass Co. (Glass Novelties), Lancaster, O.

Landa A. & Sons Co. (Leather), 1706 Foster av, Chicago, Ill.
 Langfeld Bros. & Co. (Leather), 1421 Wallace, Phila., Pa.
 Lemcke Theo. C. Novelty Co. (Leather), 1923 Mills av, Norwood, Cincinnati, O.
 Levy & Merzbach (Leather), 1255 B'way, New York
 Lubbers & Bell Mfg. Co. (Fly Killers), Clinton, Iowa
 Lufkin Rule Co. (Tapes & Rules), Saginaw, Mich.
 Luxemoor Co. (Mats, Pillows, Pennants & Carved Felt), 100 Sumner, Boston, Mass.
 McCormick Co., Coshocton, O.
 Massillon Cleveland-Akron Sign Co., Massillon, O.
 Meek J. F. Co., Coshocton, O.
 Metal Specialties Mfg. Co., 338 N. Kedzie av, Chicago, Ill.
 Mills R. C. (Novelties), 525 Market, San Francisco, Cal.
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.
 Morgenstern & Brill (Leather), 26 W 17th, New York
 Mossberg Frank Co. (Letter Openers, Pocket Cork Screws, Combination Pocket Tool, Bottle Openers, developing of any type of metal novelties), Attleboro, Mass.
 Myers Elwood Co. (Leather), Springfield, Ohio
 Napier-Browning Co. (Celluloid), 105 W 40th, New York
 National Advertising Co. (Yard Sticks & Novelties), Seneca Falls, N. Y.
 National Sheet Metal Co. (Stamped from Nickelene or Nickeltin), Peru, Ill.
 Neuer & Hoffman (Advertising Twine), 75 Grand, New York
 Newhouse & Co. (Metal Goods), 127 N Dearborn, Chicago, Ill.
 Niagara Falls Metal Stamping Works (Aluminum, Brass, Copper, etc.), Niagara Falls, N. Y.
 Noble F. H. & Co. (Metal), 555 W 59th, Chicago, Ill.
 Novelty Advertising Co., Coshocton, O.
 Novelty Cutlery Co. (Pocket Knives), Canton, O.
 Novitas Sales Co. (Metal & Cardboard), Waltham, Mass.
 Ohio Novelty Mfg. Co., Massillon, O.
 Omaha Leather Novelty Co. (Leather), Omaha, Neb.
 Ortmann A. & Son (Leather), 2340 3rd av, New York
 Osborne Co. (Calendars & Novelties), 759 Summer av, Newark, N. J.
 Paris Belt & Novelty Co. (Bather), 231 N 5th av, Chicago, Ill.
 Peerless Leather Specialty Co., 54 Greene, New York
 Pencil Printing Co., 140 S 4th, Phila., Pa.
 Pictorial Post Card Co., Rochester, N. Y.
 Racey Cement L. (Calendars, Leather Novelties, etc.), Kansas City, Kan.
 Reading Ribbon Badge Co., Reading, Pa.
 Reproduction Co., 351 Jay, Brooklyn, N. Y.
 Riverside Printing Co. (Memo. Books & Blotters), Port Huron, Mich.
 Rockford Leather Goods Co. (Leather), Rockford, Ill.
 Roseville Pottery Co. (Match & Ash Holders), Zanesville, O.
 Rumpp C. F. & Sons (Leather), 5th & Cherry, Phila., Pa.
 St. Louis Button Co. (Badges, Buttons, Banners, Enam. Emblems & Pins), 413 Lucas av, St. Louis, Mo.
 Schindler Charles ("E-Z-Breeze" Fans), Toledo, O.
 Schlesinger Leo & Co. (Desk Clocks, Calendars, Hand Blotters, etc.), 64 Wooster, N. Y.
 Schnuerer & Murray (Leather), 15 E 32d, New York
 Shaw Advertising Co. (Calendars, Horse Covers, Cloth Goods, etc), Produce Exchange bldg, Kansas City, Mo.
 Shedd-Brown Mfg. Co., 317½ 5th av S, Minneapolis, Minn.
 Simmons N. (Leather), 37 E 12th, New York
 Singer Bros. (Leather), 82 Bowery, New York
 Southard Novelty Co. (Leather), Columbus, O.
 Souvenir Lead Pencil Co., Cedar Rapids, Ia.
 Stanford-Crowell Co., Ithaca, N. Y.
 Stecher & Spelrein Co. (Leather), 65 W Houston, N. Y.

Stephens A. W. Mfg. Co., Waltham, Mass.
 Stockley & Forbes (Leather), Gloversville N. Y.
 Tablet & Ticket Co. (Paper), 624 W Adams, Chicago, Ill.
 Tonawanda Advertising Co. (Hardwood Rules, Thermometers, etc), Tonawanda, N. Y.
 Twisted Wire & Steel Co. (Brass, Smokers' & Desk Specialties), 437 11th av, New York
 Universal Sanitary Appliance Co., 104 Wall, New York
 Universe Mfg. Co. (Leather), 2218 Vine, Phila., Pa.
 Up-to-Date Advertising Co. (Rulers), Canisteo, N. Y.
 Vaughan Novelty Mfg. Co., 703 Fulton, Chicago, Ill.
 Warren Leather Goods Co., Worcester, Mass.
 Webster G. A. Co. (Leather), 54 W Lake, Chicago, Ill.
 Weissbrod Emil & Sons (Leather), Greenfield, Mass.
 Westcott-Jewell Co. (Rulers, Yard Sticks, etc), Seneca Falls, N. Y.
 Western Advertising Co. (Calendars & Specialties), Lincoln, Neb.
 Western Art Leather Co. (Decorated Leather), Tabor Opera bldg, Denver, Colo.
 Whitehead & Hoag Co. (Celluloid, etc), 272 Sussex av, Newark, N. J.
 Wolf & Co., Callowhill & 12th, Phila., Pa.
 Woodward-Tiernan Printing Co. (Fans, Calendars), 309 N 3d, St. Louis, Mo.
 Zittlosen Mfg. Co. ("Nox-All" Umbrellas), Park & Dolman, St. Louis, Mo.

80— Adze Mfrs.

Am. Axe & Tool Co. ("Blood's," "Lippincott's," "Red Warrior," "Anosky," "Champion," "Hurd," "Underhill," "Monarch," "Hunt," "Coopers," Ship Railroad, etc), Glassport, Pa.
 Black J. B. Co. (Wm. Beatty & Sons) (Carpenters', Coopers', Railroad, Ship Carpenters' Gutter or Spout), Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co. (All Kinds), Newburgh, N. Y.
 Collins Co., Collinsville, Conn.
 Evansville Tool Works (Carpenters', Railroad, Ship Carpenters', etc), Evansville, Ind.
 Hammond Charles & Son, Ogontz, Pa.
 Hardecog Mfg. Co. (Track), Ottumwa, Ia.
 Lutonia Tool Co. (Tracksmen), Lutonia, O.
 Mack & Co. ("D. R. Barton," Railroad, Carpenters', etc), Rochester, N. Y.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette R. (Inc) ("Anchor"), N E cor Tucker & James, Phila., Pa.
 Romer Axe Co. ("Romer," Carpenters', Railroad, Ship, etc), Dunkirk, N. Y.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Weston Thomas B., 703 Light, Baltimore, Md.
 White L. & I. J. Co. (Carpenters', Bridge, Railroad, Mill, Ship, etc), 120 Columbia, Buffalo, N. Y.

81— Aeeco Deo

Anderson Chemical Co., Wallington, N. J.

81a— *Aeroplane Fuselages

EMPIRE ART METAL CO., INC., The, College Point, L. I., N. Y.

81b— *Aeroplane Rims (Steel)

STANDARD PARTS CO., W 73d, Cleveland, O.

See adv index at end of book

82-3—Aeroplanes & Supplies

See also Engines, Airplane

Ackerman Wheel Co., Rockefeller bldg., Cleveland, O.
 Aero Wheel Co., 1777 B'way, New York
 Aeromarine Plane & Motor Co., Times bldg., New York
 Aircraft Co., Inc. ("Sloane"), 1737 B'way, New York
 Alcock John L. & Co. (Supplies & Specialties), Baltimore, Md.
 American Aviation Co., Chicago, Ill.
 Benoist Aeroplane Co., Sandusky, O.
 Buck Aircraft & Munition Co. (All Metal Aeroplanes), Ernst & Cranmer bldg., Denver, Colo.

Burgess Co., Marblehead, Mass.
 Chicago Aeronautical Supply Co., Chicago, Ill.
 Christofferson Aircraft Co., 57 Post, San Francisco, Cal.
 Connecticut Aircraft Co., New Haven, Conn.
 Cooper John D. Aeroplane Co., Bridgeport, Conn.
 Curtiss Aeroplane & Motor Corp., Buffalo, N. Y.
 Dayton Wright Airplane Co. The, Dayton, O.
 Empire Art Metal Co. (Tubing), College Point, N. Y.
 Erie Specialty Co. (Aircraft Metal Parts), Erie, Pa.
 Gallaudet Aircraft Corp., 47 W 34th, New York
 General Aeroplane Co., 1507 E. Jefferson av., Detroit, Mich.
 Glenn-Martin Co., Los Angeles, Cal.
 Goodyear Tire & Rubber Co., Akron, O.
 Heinrich A. S. Corp., Freeport, Long Island, N. Y.
 Heinrich Aeroplane Co., 110 W. 40th, New York
 Ideal Aeroplane & Supply Co., 83B, W. B'way, New York
 International Aerial Navigation Co., 1270 B'way, New York
 International Airship Corp., 56 S State, Chicago, Ill.
 Janney Aircraft Co., Monroe, Mich.
 Kyle Smith Aircraft Co., Wheeling, W. Va.
 L.-W.-F. Engineering Co., College Point, L. I., N. Y.
 Lanzius Aircraft Co., 149 B'way, New York
 Lawson Aircraft Co., Green Bay, Wis.
 Lewis-Lawrence Aeroplane Co., Peoples Gas bldg., Chicago, Ill.
 Longien Airplane Co., Topeka, Kans.
 M. F. P. Aeroplane Co., 1475 B'way, New York
 Meisel Press Mfg. Co. (Aeroplane Gears), 942 Dorchester av., Boston, Mass.
 Murray & Tregurtha Co., S Boston, Mass.
 National Aeroplane Co., 555 Wash. bl., Chicago, Ill.
 New York Aero Construction Co., 149 B'way, New York
 Pacific Aero Products Co., Seattle, Wash.
 Penna. Hdwe. & Paint Co. (Clevises & Shackles Milled Bolts 3½% Nickel, Buckles & Hardware for Aeroplanes), Woolworth bldg., New York
 Pierce Samuel S. Aeroplane Corp., Southampton, Long Island, N. Y.
 Richardson Aeroplane Corp., New Orleans, La.
 Rogers Construction Co., Gloucester City, N. J.
 Schmitt Maximilian, Paterson, N. J.
 Segfang Frank G. (Airships, Balloons & Aeronautical Equipt.), 1465 B'way, New York
 Simplex Aircraft Co., New Haven, Conn.
 Sloane Mfg. Co., 1737 B'way, New York
 Sperry Gyroscope Co. (Supplies), Manhattan Bridge Plaza, Brooklyn, N. Y.
 Sprague Electric Works (Dynamometer Testing Sets), 527 W. 34th, New York
 Standard Aero Corp., Woolworth bldg., New York
 Standard Parts Co., W. 73d, Cleveland, O.
 See adv index at end of book
 Sturtevant Aeroplane Co., Williams, Jamaica Plain, Mass.
 Thomas-Morse Aircraft Co., Ithaca, N. Y.
 Tioga Steel & Iron Co. (Cylinder Forgings, Propeller Hubs, Flanges, Shafts, etc.), 52d & Gray's av., Phila., Pa.
 United Eastern Aeroplane Corp., 1253 De Kalb av., Brooklyn, N. Y.
 Walden-Hinners Co. (Airplanes, Seaplanes, etc.), Edgewater, N. J.
 Wittenman-Lewis Aircraft Co., Lincoln Highway, Newark, N. J.
 Wright-Martin Aircraft Corp., 60 B'way, New York

84— Aftercoolers

Ingersoll-Rand Co., 11 B'way, New York
 See adv index at end of book
 Worthington Pump & Machinery Corp., 115 B'way, New York

85— Agalite

International Pulp Co., 41 Park Row, New York
 Union Talc. Co., 132 Nassau, New York
 WILLIAMS C. K. & Co., Easton, Pa.

86— Agar Agar

American Trading Co. (Imp), 25 Broad, New York
Ayres, Bridges & Co. (Imp), 79 Wall, New York
McKesson & Robbins (Imp), 91 Fulton, New York

87— Agitators (Clay)

CROSSLEY MACHINE CO. (Clay), State & Chestnut av, Trenton, N. J.
See adv index at end of book
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.

88— Agitators (Mining)

ALLIS-CHALMERS MFG. CO. (Mining), Milwaukee, Wis.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams st., Akron, O.
See adv index at end of book
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.
Colorado Iron Works Co. ("Akins-Rothwell"), Denver, Colo.
Dorr Co., Denver, Colo.
Farrar & Trefts, Buffalo, N. Y.
Hammond Iron Works (Air, Cyanide, etc), Warren, Pa. *See adv index at end of book*
Heggie James G. & Sons, Joliet, Ill.
Hendryx Cyanide Machy Co. ("Hendryx" Combination Agitator & Filter, for Ore), 136 Liberty, New York
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pacific Tank & Pipe Co., Los Angeles, Cal.
Smith Samuel & Son Co., Paterson, N. J.
Trent L. C. Engineering Co. (Underfeed for Slimes, etc), Los Angeles, Cal.
Worthington Pump & Machinery Corp., 115 B'way, New York

89— Agitators (Miscellaneous)

Calvert Machine Co. (Lard Compound), 1606 Thames, Baltimore, Md.
Day J. H. & Co. (Liquid), Harrison av & Bogen, Cincinnati, O.
Pollock Wm. B. Co. (Brewers), Youngstown, O.
Richards Iron Works (Cheese), Manitowoc, Wis.
Schutte & Koerting Co. (Steam Jet), 1251 N 12th, Phila., Pa.
Sowers Mfg. Co. (Soap Makers), Buffalo, N. Y.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Werner & Pfeiderer Co., Saginaw, Mich.
See adv index at end of book

90— Agitators (Oil, Etc.)

DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Frelinger J. G. Iron Works (Barrel, for Paint, Varnish & Oil), 115 W 2nd, Cincinnati, O.
Graver Wm. Tank Works, East Chicago, Ind.
Hammond Iron Works, Warren, Pa.
See adv index at end of book
Kraft A. C. (Paint & Varnish), 323 W. Lake, Chicago, Ill.
Petroleum Iron Works Co., Sharon, Pa.
Sowers Mfg. Co., Buffalo, N. Y.
Struthers-Wells Co., Warren, Pa. *See adv index at end of book*
Teachout H. E. Boiler works, E 37th & Erie R R, Cleveland, O.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co., Warren, Ohio

91— Agitators (Paper Mill)

Caldwell W. E. Co. (For Paper Mills), 2270 Brook, Louisville, Ky. *See adv index at end of book*
Columbiana Boiler Co., Columbiana, O.
Kalamazoo Sheet Metal Mfg. Co. (For Paper Mills), Kalamazoo, Mich.
Rice, Barton & Fales Machine & Iron Co. (For Paper Mills), Worcester, Mass.
Shartle Bros. Machine Co. (For Paper Mills), Middletown, O.

92—Agricultural Implement Mfrs.

For sub-classifications of this trade, consult Index of Contents for specific article desired.

ALABAMA.

BIRMINGHAM—Continental Gin Co. (Cotton Seed Linters)
TUSCUMBIA—Rowland T. T. & Son (Cultivators)

ARKANSAS.

BONO—Bono Plow Co. (Plows)

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works
FRESNO—Fresno Agricultural Works (Plows, Road Scrapers, etc)
LOS ANGELES—Killefer Mfg. Co. (Cultivators), 2209 Santa Fe
SAN FRANCISCO—Krogh Mfg. Co. (Windmills, Tanks, Pumps, etc), 147 Beale
Spalding-Robbins Disc Plow Co. (Disc Plows), 625 Market
STOCKTON—Holt Mfg. Co. (Harvesters, Binders, Traction Engines)
Shaw H. C. Co. (Harrows, Gang Plows)

COLORADO.

DENVER—Plattner Implement Co. (Hay Stackers, Rakes, Harrows)
GREELEY—Brown Peter (Potato Diggers)

CONNECTICUT.

COLLINSVILLE—Collins Co. (Plows, etc)
HIGGANUM—Cutaway Harrow Co. ("Clark's" Harrows, Plows, Root Cutters, etc)
Scoville D. & H. (Planters' Hoes)
NEW LONDON—Brown Cotton Gin Co. (Cotton Seed Linters)
PLEASANT VALLEY—Rogers, Rake Co. (Hand Hay Rakes)
SOUTHPORT—Jelliff C. O. Mfg. Co. (Harrows)

GEORGIA.

ATHENS—Umbach F. G. (Harrows, etc)
ATLANTA—Atlanta Plow Co.
AUGUSTA—Wirtz & Hernlen (Hay Presses, Harrows, etc)
COLUMBUS—Southern Plow Co. (Plows, Cultivators, Harrows, Cotton Planters, etc)
DALTON—Nancy Hanks Hay Press & Foundry Co. (Hay Presses, Pea Threshers, etc)
MACON—Gantt Mfg. Co. (Cotton Planters, Guano Distributors & Grain Drills, etc)
Williams Mfg. Co. (Hay Presses)
MORELAND—Camp E. N. & Sons Co.
NEWMAN—Cole R. D. Mfg. Co. (Corn Mills)
ROME—Towers & Sullivan Mfg. Co. (Plows, Harrows, Cultivators)
WINDER—Woodruff Machinery Mfg. Co. (Pea Thresher, etc)

ILLINOIS.

ALBION—Miller A. J. Four Point Hay Fork Co.
Painter & Frankland (Plows)
ALTON—Hapgood Plow Co. (Corn Planting Drills, Plows, Listers, etc)
ARLINGTON HEIGHTS—Kolling Husker Wks (Corn Huskers & Shredders)
AURORA—Western Wheeled Scraper Co. (Plows, Road Machinery, etc)
AVA—Spinner Ed. F. (Plows, etc)
BATAVIA—Appleton Mfg. Co. (Feed Mills, Stalk Cutters, Corn Shellers, Feed Cutters, etc)
Challenge Co. (Feed Mills, Corn Shellers, etc)
U. S. Wind Engine & Pump Co. (Corn Shellers)
BELLEVILLE—Belleville Shock Mover Co.
Gundlach P. M. Sons
Harrison Machine Works (Threshers & Straw Stackers)
BLOOMINGTON—Constant B. S. Mfg. Co. (Grain Machinery)
BUSHNELL—Norcross C. S. & Sons (Garden Cultivators Adjustable Hand)

CANTON—Parlin & Orendorff Co. (Plows, Harrows, Cultivators, Planters, Listers, Potato Diggers, Stalk Cutters, etc)

CARPENTERSVILLE—Star Mfg. Co. (Harrows, Feed Cutters)

CHICAGO—Aermoter Co. (Feed Mills), 1146 S Campbell av

Bristol & Gale Co. (Harrows, Corn Shellers, etc), 158 Carroll av
Creamery Package Mfg. Co. (Dairy & Creamery Machinery, etc), 61 W Kinzie

International Harvester Co. of America (Inc), 702 Harvester bldg.

See adv index at end of book

Kaestner & Hecht Co. (Mills Feed Grinding), 500 Throop

Masters Planter Co. (Hand Transplanters), 229 N. State

Pratt Wm. E. Mfg. Co. (Dehorners, Seed Sowers, etc), 35 W Lake

Whitaker Mfg. Co. (Cultivators, Hay Carriers, etc), 409 S. Green

DECATUR—Baird Harvester Co. Chambers, Bering, Quinlan Co. (Seeders)

Hartley C. J. Co. (Grain Weighers, etc) (See Peoria)

Stevens Mfg. & Foundry Co. (Potato Diggers & Planters, etc)

Union Iron Works (Power Corn Shellers)

DE KALB—Haish Jacob Co. (Harrows, Corn Shellers)

DIXON—Grand Detour Plow Co. (Plows, Harrows, Cultivators, Listers, Disc Plows & Engine Gang Plows)

DWIGHT—Spencer J. A. (Hay Presses)

EAST MOLINE—Deere John Harvester Works

Marseilles Works (Feed Mills, Corn Shellers, etc)

EDWARDSVILLE—Springer Bros. Mfg. Co. (Potato Planters)

ELGIN—Elgin Wind Power & Pump Co. (Feed Mills)

FREEPORT—Schofield & Co. (Potato Planters & Diggers)

Stover Mfg. & Engine Co. (Feed Mills)

GALESBURG—Galesburg Coulter Disc Co.

GALVA—Hayes Pump & Planter Co. (Harrows, Cultivators, Planters, Listers)

Galva Heater Co. (Corn Planters)

Wistrand Mfg. Co. ("Blue Star" Corn Planters)

GRAFTON—Rippley Mfg. & Steel Boat Co. (Feed Mills & Cookers)

HARVARD—Hunt, Helm, Ferris & Co. (Hay Carriers, etc)

HAVANA—Crescent Forge & Shovel Co. (Garden Plows)

HOMEWOOD—Steiner August (Corn Pickers & Huskers)

JOLIET—Humphrey & Sons (Bone & Clover Cutters, Hand Seed Sowers)

Joliet Mfg. Co. (Corn Shellers)

KEWANEE—Boss Mfg. Co. (Hand Corn Huskers)

Peters Pump Co. (Planters & Pumps)

LE ROY—National Harrow Co.

LINCOLN—Sheer E. (Land Rollers, Stalk Rakes, etc)

MAROA—Maroa Mfg. Co. (Cultivators & Car Loaders)

MARSEILLES—Marseilles Harrow Mfg. Co. (Harrows)

MENDOTA—Mendota Mfg. & Transfer Co. (Rakes)

Tower J. D. & Sons Co. (Cultivators, Pulverizers, Clod Crushers, etc)

Willis Mfg. Co. (Tank Heaters, etc)

MINIER—Schroeder H. V. Mfg. Co. (Grain Dumps, etc)

MOLINE—Deere John Plow Works (Walking, Riding, Tractor & Disc Plows; Walking, Riding, Two Row, Lister & Disc Cultivators)

Deere & Co. (Plows, Harrows, Cultivators, Listers, Grain Binders, Corn Binders, Mowers & Rakes) (General Office)

Deere & Mansur Works (Corn Planters, Cotton Planters, Disc Harrows, Cultivators)

Moline Plow Co. (Drills, Plows, Harrows, Cultivators, Planters, Listers)

Sechler D. M. Implement & Carriage Co. (Harrows, Corn Planters, etc)

MONMOUTH—Milne Mfg. Co. (Stump Pullers)

Monmouth Plow Factory (Plows)
 Pattee Plow Co. (Cultivators, Plows, etc)
 MORTON—Kramer Rotary Harrow Co.
 Meyer A. F. Mfg. Co. (Grain Dumps)
 Meyer Corp. (Hog Feed Grinders, & Hog Greasers, etc)
 MT. OLIVE—Nieman & Hieronymers (Rotary Hoes)
 NORTH AURORA—Sperry D. R. & Co. (Farm Boilers, Feed Cookers, etc)
 OTTAWA—Jordan R. C. (Hay Carriers)
 King & Hamilton Co. (Cultivators, Corn Shellers)
 Porter J. E. Co. (Hay Carriers)
 PEKIN—Duisdieker Foundry & Mfg. Co. (Clod Crushers & Pulverizers)
 PEORIA—Acme Harvesting Machine Co. (Harvesters, Binders, etc)
 Avery Co. (Steam Traction Engines, Threshers, Gas & Oil Tractors, Engine Gang Plows, Motor Trucks, Planters, Cultivators & Stalk Cutters)
 Hart Grain Weigher Co. (Grain Weighers)
 Hartley C. J. Co. (Grain Weighers, etc)
 Herschel R. Mfg. Co. (Sickles, etc)
 Holt Mfg. Co.
 Peoria Drill & Seeder Co. (Grain Drills, Seeders, etc)
 Sester Mfg. Co. (Seeders)
 PERU—Peru Plow & Wheel Co. (Plows, Harrows, Cultivators, Planters, Listers)
 PLANO—Independent Harvester Co. (Binders, Mowers, Plows, Harrows, etc)
 PONTIAC—Meadows Mfg. Co.
 Spartan Mfg. Co. (Feed Grinders)
 QUINCY—Collins Plow Co. (Plows, Harrows, Cultivators, Hay Presses, etc)
ELECTRIC WHEEL CO. (Metal Wheels) Station D
See adv index at end of book
 Empire Mfg. Co. (Feed Cookers, Metal Wheels, etc)
 Ertel Geo. Co. (Hay Presses, etc)
 ROCK FALLS—Ulrich Mfg. Co. (Cultivators, etc)
 ROCKFORD—Emerson-Brantingham Co. (Mowers, Plows, Cultivators, Rakes, Planters, Listers, Threshers, Drills, Clover Hullers, Traction Engines, etc)
 Rockford Mfg. Co. (Plows, Harrows, Cultivators)
 ROCK ISLAND—Rock Island Plow Co. (Plows, Harrows, Cultivators, Hay Loaders, Hay Rakes, Planters, Listers, Drills, Seeders & Sowers)
 ROCKTON—Weber Mfg. Co. (Fanning Mills)
 SANDWICH—Sandwich Mfg. Co. (Feed Mills, Hay Loaders, Corn Shellers, Hay Presses)
 SHELBYVILLE—Sturgis W. B. & Sons (Plows)
 SPARTA—Sparta Plow Works (Plows, Harrows, Cultivators)
 Sproul Matt. Co. (Corn Shredders)
 SPRINGFIELD—Fetzer & Co. (Corn & Grain Drills, Disc Rollers, Pulverizers, Packers, Harrows, Transplanters, etc)
 Heineke & Co. (Straw Stackers & Self Feeders)
 STERLING—Platt Addison J. (Potato Planters)
 Sterling Mfg. Co. (Cultivators, etc.)
 SYCAMORE—Illinois Thresher Co. (Threshing Machines)
 WASHINGTON—Camp Bros. & Co. (Grain Dumps)
 WHEATON—Davenport Planter Co.

INDIANA.

CAMBRIDGE CITY—National Drill Co. (Cultivators, Grain Drills, etc)
 CROWN POINT—Letz Mfg. Co. (Corn Planters, Feed Grinders, etc)
 EAST CHICAGO—Famous Mfg. Co. (Hay Presses, etc)
 EVANSVILLE—Blount Plow Works (Plows, etc)
 Davidson-Dietrich Plow Co. (Plows, etc)
 Hartig-Becker Plow Co. (Plows, Cultivators)
 Hellman Machine Works (Threshers & Engines)

Smith J. C. Hoe & Tool Co. (Hoes)
 Vulcan Plow Co. (Plows, etc)
 FORT WAYNE—Good Roads Machinery Co. (Plows & Road Making Machinery)
 GOSHEN—Abbott S. B. (Hand Seeders)
 Goshen Mfg. Co. (Hay Slings)
 HAMMOND—Champion Potato Machinery Co. (Potato Planters, Diggers, etc; also Peanut Planters, etc)
 INDIANAPOLIS—American Buncher Mfg. Co. (Bunchers for Clover, Timothy, Oats, Peas, etc), Oliver & Harding
 Haywood Implement Co. (Garden Tools)
 Indiana Mfg. Co. (Straw Stackers), Telephone bldg
 Nordyke & Marmon Co. (Feed, Corn & Cob Mills, Corn Shellers, etc), 1290 Kentucky av
 Russell Wind Stackter Co. (Straw Stackers), 1001 Shelby
 Sattley Stackter Co., 408 Telephone
 KENDALLVILLE—Flint & Walling Mfg. Co. (Wind Mills, etc)
 LA PORTE—Advance Rumely Co. (Threshers, Stackers, Traction Engines, Clover Hullers & Grain Weighers)
 LIBERTY—Rude Mfg. Co. (Cultivators, Grain & Corn Drills, Rakes, etc)
 LIBERTY MILLS—Rittenhouse J. F. (Grain Seeders)
 MISHAWAKA—Perkins Wind Mill Co. (Feed Mills, Cutters, Corn Shellers)
 MOUNT VERNON—Keck-Gonnermann Co. (Threshers, etc)
 RICHMOND—American Seeding Machine Co.
 Eureka Fence Mfg. Co. (Hand Corn Planters)
 Swayne, Robinson & Co. (Threshers)
 Wayne Works (Inc.) (Grain Drills, Planters, Seeders & Sowers)
 SOUTH BEND—Birdsell Mfg. Co. (Straw Stackers, Clover Hullers, etc)
 Bowsher N. P. Co. (Feed Mills, Barley Crushers)
 Oliver Chilled Plow Works (Plows, Harrows, Cultivators, Listers & Planters)
 South Bend Chilled Plow Co. (Plows, Harrows, Cultivators)
 URBANA—Cyclone Seeder Co. (Seed Sowers)
 VERNON—Reed & Rogers Mfg. Co. (Harrows & Pulverizers, etc)
 VINCENNES—Hartman Mfg. Co. (Cultivators, etc)
 WASHINGTON—Clare Wm. H. Mfg. Co. (Cultivators & Plows)

IOWA.

BURLINGTON—Gilmore Mfg. Co. (Riding Harrows)
 CARROLL—Gross Co. (Plow Eveners)
 CENTERVILLE—Hercules Mfg. Co. (Feed Mills & Stump Pullers)
 COUNCIL BLUFFS—Children's E. Sons Mfg. Co. (Cultivators, Grain Drills, Hay Stackers, Hay Rakes, etc)
 Orndorff O. F. (Corn Planters, Hay Stackers, etc)
 Walker Mfg. Co. (Hay Rakes, Stackers, etc)
 CRESCO—Caward R. S. (Plows & Grubbing Machinery)
 DAVENPORT—Voss Bros. Mfg. Co. (Corn Cutters)
 DECORAH—Standard Seed Tester Co.
 DES MOINES—National Mfg. Co. (Seed Testers)
 Wood Bros. Thresher Co. (Threshers, Traction Engines, etc)
 FAIRFIELD—Louden Machinery Co. (Hay Forks & Carriers, etc)
 FORT MADISON—Fort Madison Plow Co. (Plows, Harrows, Cultivators, Planters)
 MARSHALLTOWN—Light Draft-Harrow Co.
 MONTROSE—Standard Garden Tool Co. (Garden Seeding & Cultivating Implements)
 NASHUA—Bloom Mfg. Co. (Manure Spreaders, Harrows, etc)
 NEWTON—Maytag Co. (Hog Troughs, Hay Presses, Self-Feeders, etc)
 OTTUMWA—Armstrong Mfg. Co. (Corn Rakes)
 Dain Mfg. Co. (Feed Mills, Hay Loaders, Haying Tools, Rakes, Hay Presses)

PELLA—Garden City Feeder Co. (Straw Stackers, Band Cutters & Self-Feeders)
 PRAIRIE CITY—Dowden Mfg. Co. (Ltd) (Harrows, Potato Diggers, etc)
 SPENCER—Maurer F. X. Co. (Hay Presses)
 VINTON—Robinson Spreader Co. (Manure Spreaders)
 WATERLOO—Bovee Furnace Works (Grinding Mills)
 Galloway Wm. Co. (Harrows, Cream Separators, Manure Spreaders, etc)
 Inter-State Engine & Tractor Co. (Farm Implement)
 Litchfield Mfg. Co. (Manure Spreaders, Feed Grinders, etc)
 Swift Mfg. Co. (Feed Mills & Cookers)
 WAUKON—Johnson John S. & Son (Lever Harrows)
 WEBSTER CITY—Closz & Howard Mfg. Co. (Grain Separators, etc)

KANSAS.

ATCHISON—Bailor Plow Mfg. Co. (Cultivators, etc)
 KANSAS CITY—Clippinger A. B. & Son (Hay Stackers)
 Strait H. N. Mfg. Co. (Hay Presses, etc)
 LEAVENWORTH—Great Western Mfg. Co. (Grain & Rice Cleaners)
 NEWTON—Prairie Queen Mfg. Co. (Threshers)
 SALINA—Kouns Wesley (Hay & Grain Rakes, Loaders & Stackers combined, Push Rakes)
 Wyatt F. Mfg. Co. (Hay Stackers)
 Ziegler W. F. (Corn Harvesters, etc)
 TOPEKA—Currie Windmill Co. (Feed Mills)
 Pugh Mfg. Co. (Potato Planters)
 Topeka Foundry & Mfg. Co. (Sub-Surface Soil Packers)
 WICHITA—Peru-Van Zandt Implement Co.
 Reschke Machine Works Co. (Bean & Corn Cultivators, etc)

KENTUCKY.

CARLISLE—King R. C. (Blue Grass Seed Strippers)
 LOUISVILLE—Avery B. F. & Sons (Plows, Harrows, Cultivators, Rakes, Planters, etc)
 Brinly Hardy Co. (Plows, Hand Corn Shellers, Cotton Scrapers & Sweeps, Harrows, etc)
 Red Chief Mfg. Co. (Corn Shellers)
 MAYSVILLE—Hall Jas. H. Plow Co. (Plows, Potato Diggers, etc)

LOUISIANA.

NEW ORLEANS—Boland Machine & Mfg. Co. (Rice Milling Machines & Rice Cleaners), 1006 Tchoupitoulas

MAINE.

NORTH BERWICK—Hussey Plow Co. (Cultivators, Plows, etc)

MARYLAND.

BALTIMORE—Rawlings Implement Co. (Harrows), 11 W. Pratt

MASSACHUSETTS.

BARRE—Allen Charles G. Co. (Rakes, Plows, etc)
 BOSTON—Ames Plow Co. (Plows, Harrows, Cultivators, Planters, Garden Implements, Feed Cutters), Quincey Hall
 CHICOPEE FALLS—Belcher & Taylor Agricultural Tool Co. (Plows, Harrows, Fanning Mills, Cultivators, Planters, Tedders, Feed Cutters, Potato Diggers, etc)
 MILFORD—Mann F. W. Co. (Corn Shellers, Clover Cutters, etc)
 WORCESTER—Richardson Mfg. Co. (Mowers, Rakes, Tedders)

MICHIGAN.

ALBION—Gale Mfg. Co. (Plows, Harrows, Cultivators, Rakes, Planters, Listers, Seeders & Sowers)
 ANN ARBOR—Ann Arbor Machine Co. (Feed Cutters, Hay Presses, etc)
 BAD AXE—Huron Implement Co. (Harrows & Cultivators)

BATTLE CREEK—Nichols & Shepard Co. (Threshers, Stackers, Grain Weighers)
BLAINE—Fair Geo. & Son (Plows)
BURR OAK—Sheffield Mfg. Co. (Corn & Potato Planters)
DETROIT—Campbell Manson Co., Ltd. (Fanning Mills), Leavitt & Campbell
DOWAGIAC—Dowagiac Drill Co. (Grain Drills, Seeders & Sowers)
GREENVILLE—Greenville Implement Co. (Cultivators, Plows, Feed Cutters)
 Moore Plow & Implement Co. (Plows, Cult)
HOLLY—Patterson Mfg. Co. (Bean Harvesters, Cultivators, etc.)
HOMER—Seeder Mfg. Co. (Seeders & Sowers)
IONIA—Arnold's G. W. Son (Cultivators, etc.)
JACKSON—Aspinwall Mfg. Co. (Potato Planters & Diggers, etc.)
 Watts Mfg. Co. (Corn Shellers)
KALAMAZOO—Clark Engine & Boiler Co. (Feed Cookers, etc.)
 Kalamazoo Tank & Silo Co.
 Reed Fdry. & Mach. Co. (Cultivators, etc.)
LAPEER—Bostick Stove Co. (Plows)
 McDonald Wm. Sons (Cultivators, etc.)
MONROE—Wilder-Strong Implement Co. (Harvesters, Plows, Feed Cutters)
MOUNT CLEMENS—Donaldson Bros. (Plows, Harrows, Cultivators, Planters, Feed Cutters)
NORTHVILLE—American Bell & Foundry Co. (Corn Shellers, Fruit & Potato Sorters, etc.)
PONTIAC—Bacon Mfg. Co. (Seeder & Garden Cultivators)
PORT HURON—Port Huron Engine & Thresher Co. (Threshers, Stackers, Feeders, Corn Shellers, Weighers, etc.)
PORTLAND—Portland Foundry Co.
RICHMOND—Parker Plow Co.
ST. JOHNS—Mason F. C. & Co. (Weeders)
SAGINAW—Ferrell A. T. & Co. (Bean Cleaners & Sorters)
STURGIS—Freeland B. F. Sons Co.
TECUMSEH—Heesen Bros. Co. (Feed Cookers)
TRAVERSE CITY—Potato Implement Co. (Acme Corn & Potato Planters)
YPSILANTI—Thompson O. E. & Sons (Root Cutters & Grass Seeders), Ypsilanti Hay Press Co.

MINNESOTA.

ALBERT LEA—Edwards C. D. (Stump Pullers)
 Olson Mfg. Co. (Hay Tools)
CROOKSTON—Crookston Mfg. Co. (Land Roller & Soil Pulverizer)
LONG PRAIRIE—Hausmann Mfg. Co. (Binder Attachments)
MINNEAPOLIS—Cleland Mfg. Co. (Fanning Mills), 2800 Washington av, N
 Disc Grader & Plow Co. (Plows, etc), Andrus bldg
 Howell R. R. & Co. (Harrows, Feed Mills), 31st av S. E. & 4th
 Keller Mfg. Co. (Cultivators, etc), 1325 N E Quincy
 Kinnard-Haines Co., 44th av N. & Bryant
 Minneapolis Threshing Machine Co. (Threshers, Stackers, Corn Shellers, Baggers, etc), 226 N 2d
 Owens J. L. Co. (Fanning Mills, Grain Cleaning Machinery), Fulton & S. E. Huron
 Twin City Separator Co. (S. Fanning Mills), 29th & Colfax av S
MORRIS—Vaughan T. C. (Fanning Mills)
NORTH BRANCH—Splittstover Co. (Potato Sprayers)
OWATONNA—Owatonna Mfg. Co. (Grain Drills, Seeders & Sowers, Churns, etc)
ST. LOUIS PARK—Martin M. R. (Feeding Mills)
 Monitor Drill Co. (Grain Drills, Cultivators, etc)
ST. PAUL—Anderson Company (Harrows, Rakes, Stackers, etc.), 2324 University av
 Eckhardt Mfg. Co.
 Fosson-Carpenter Co. (Wind Stackers), 473 Cleveland av. N.
 Hackney Mfg. Co. (Auto Plows), c Prior & University

WINONA—Diamond Huller Co. (Cottonseed Machinery, etc)
 New Winona Mfg. Co. (Feed Mills, Corn Shellers, Hay Presses, etc)

MISSISSIPPI.

JACKSON—McDonnell Foundry & Machine Co. (Plows, etc)
MERIDIAN—Hyde Chas. J. (Hay Presses, etc)

MISSOURI.

CAIRO—Boney A. T. (Hay Stackers)
CHILLICOTHE—Jenkins Hay Rake & Stacker Co. (Feed Mills, Haying Tools, etc)
HUNTSVILLE—Fleming & Sons Mfg. Co. (Haying Tools, Rakes, Stackers, etc)
JONESBURG—Godfrey H. M. (Walking Plows)
KANSAS CITY—Admiral Hay Press Co. (Hay Presses)
 Kansas City Hay Press Co. (Hay Presses, Haying Tools, etc)
 Smith & Sons Mfg. Co. (Plows, Rakes, Hay Presses)
LINNEUS—Superior Hay Stacker Mfg. Co. (Hay Stackers)
LOUISIANA—Buffum Tool Co. (Hand Cultivators, Potato Diggers, Weeders, etc)
MOBERLY—Missouri Hay Press Co.
NORTH KANSAS CITY—McCargar L. B. Feed Mill Co.
OLNEY—Stroker Fritz C. & Son (Plows)
ST. LOUIS—Whitman Agricultural Co. (Harrows, Grain Drills, Feed Mills, Corn Shellers, Seeders & Sowers, Feed Cutters, Hay Presses), 7,000 S B'way
SEDALIA—Barley Thos. K. (Harrows, Haying Tools, etc)
UNIONVILLE—Stalcup E. L. (Hay Stackers)
WASHINGTON—Buhr Mfg. Co. (Plows)

NEBRASKA.

BEATRICE—Beatrice Iron Works (Cultivators, Grain Drills, Land Rollers, etc)
 Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc)
DAVID CITY—Barker Mfg. Co. (Garden Weeders)
NEBRASKA CITY—King Drill Mfg. Co. (Grain Drills)
SEWARD—Noxall Mfg. Co. (Grain Separators)

NEW HAMPSHIRE.

ANTRIM—Goodell Co. (Hand Seed Sowers, Weed Diggers)
HINSDALE—Granite State Mowing Machine Co. (Mowers)

NEW JERSEY.

GRENLOCH—Bateman Mfg. Co. (Plows, Harrows, Cultivators, Seeders, Planters, Sprayers, etc)
HIGHTSTOWN—Peppler Thos. Son & Co. (Plows, Corn Shellers, etc)
MILLINGTON—Nash Duane H. (Pulverizers, Harrows, Clod Crushers, Planters, etc)
MOORESTOWN—Doughten H. W. (Potato Diggers, etc)
NEWTON—Farrell John & Son (Hay Forks & Carriers)
RIVERTON—McWhorter Mfg. Co. (Seed Drills, Bean, Peanut & Potato Planters)

NEW YORK.

AUBURN—Quick & Thomas Co. (Threshers, etc)
AVON—Champion Drill Co. (Cultivators, Grain Drills, etc)
BATAVIA—Batavia Machine Co. (Bean Separators)
 Johnston Harvester Co. (Binders, Cultivators, Harrows, Mowers, Reapers, Rakes, Tedders, Seeders & Sowers)
 Wiard Plow Co. (Plows, Harrows, Rakes, Planters, etc)
BRASHER FALLS—Kennehan P. E. (Plows, etc)

BUFFALO—Buffalo Pitts Co. (Threshing Machinery, Plowing & Portable Engines, etc) 4th & Carolina
 Peerless Husker Co. (Corn Huskers, etc), 82 Terrace
CALEDONIA—Caledonia Bean Harvester Works (Cultivators, Planters, etc)
CATO—Dutton E. Q. & Co. (Plows, Hog Troughs, etc)
CENTRAL BRIDGE—Campbell S. K. Co. (Threshers)
COBLESKILL—Harder Mfg. Co. (Threshers, Fanning Mills, Manure Spreaders, etc)
COPAKE FALLS—Columbia Plow Works (Plows, etc)
EAST AURORA—Peek's S. H. Sons (Plows, Potato Planters & Diggers, etc)
EAST GALWAY—Fonda F. A. (Plows, etc)
EAST ROCHESTER—Ontario Drill Co. (Grain Drills)
GOWANDA—Gowanda Agricultural Works (Plows, Cultivators, etc)
GREENE—Lyon Iron Works (Feed Cutters)
GREENWICH—Eddy W. Plow Co. (Threshers, Plows, etc)
HAMBURG—Reuther Mfg. Co. (Potato Diggers)
HAMMOND—Evans B. A. (Harrows & Plows)
HILLSDALE—Mallery W. A. Jr. (Plows, Harrows, etc)
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co. (Harvesters, Binders, Harrows, Cultivators, Rakes, Mowers, Reapers, Tedders, Manure Spreaders, etc)
ITHACA—Williams Bros. (Broadcast Sowers, etc)
LEONARDSVILLE—Babcock Mfg. Co. (Harrows, Cultivators, etc)
LEROY—Leroy Plow Co. (Plows, etc)
LYONS—Nagley Mfg. Co. (Tobacco Transplanters, Presses, etc)
MERIDIAN—Everts Mfg. Co. (Plows)
MOUNT MORRIS—Genesee Valley Mfg. Co. (Harrows, Grain Drills, Corn Shellers, Fanning Mills)
MUNNSVILLE—Munnsville Plow Co. (Plows, Cultivators, etc)
NEW YORK CITY—Woodhouse J. S. Co. (Cultivators, Harrows, Plows, etc), 191 Water
PHELPS—Crown Mfg. Co. (Grain Drills, etc)
PORTLAND—Anderson Frank W. (Cultivators, etc)
POUGHKEEPSIE—Moline Plow Co. ("Adriance Platt Brand" Harrows, Mowers, Reapers, Binders, Rakes, etc)
RIVERHEAD—Riverhead Agrl. Works, (Harrows)
ROCHESTER—Ricker Mfg. Co. (Hay, Feed & Litter Carriers)
ROME—Adams S. & Son (Plows, etc)
ST. JOHNSVILLE—Clark Machine Co. (Threshers)
SCHENECTADY—Westinghouse Co. (Threshers, Stackers, Weighers)
SHORTSVILLE—Papee Machine Co. (Feed Cutters)
 Star Seeder Co. (Wheelbarrow, Grass Seeders)
SPENCERPORT—Ireland & Helfrich, (Potato Diggers)
SYRACUSE—Engelburg Huller Co. (Rice Graders, Threshers, Separators, Hullers, etc)
 Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, Potato Hillers & Diggers, etc)
UNION CENTER—Edson N. L.
UTICA—Eureka Mower Co. (Cultivators, Mowers, Planters, etc), 16 Hickory
 Smith D. B. & Co.
WARSAW—Warsaw-Wilkinson Co. (Ensilage Feed & Fodder Cutters)
YOUNGSTOWN—Ripson Wm. & Son (Plows, Harrows, Cultivators)

NORTH CAROLINA.

CHARLOTTE—Cole Mfg. Co. (Cotton Planters)
 Liddell Co. (Cotton Ginning, Cleaning & Baling Machinery, etc)
GOLDSBORO—Wayne Agricultural Works (Plows, etc)
GREENSBORO—Glascock Stove & Mfg. Co. (Feed Cutters)

OHIO.

AKRON—Akron Cultivator Co. (Cultivators, Harrows, Plows, Harvesters, Bean Corn, etc)
ALLIANCE—Hist Potato Machinery Co.
ASHLAND—MYERS F. E. & BRO, 300 Orange. *See adv index at end of book*
AVERY—Hoover Mfg. Co. (Potato Diggers, & Sorters)
BELLEFONTAINE—Ironwood Mfg. Co. (Seed Cleaners)
BELLEVUE—Jeschke Mfg. Co. (Harvesters, etc)
 Ohio Cultivator Co. (Cultivators, Plows Harrows, Planters, Listers, etc)
BEREA—Dunham Co. (Pulverizers & Rollers, etc)
BOWLING GREEN—Thornburgh Mfg. Co. Hay Loaders, Garden Cultivators, Plows, Drills, etc)
BRYAN—Bryan Plow Co. (Plows, Harrows, etc)
BUCYRUS—Shunk Plow Co. (Plows, Handy Steel Farm Wagons, etc)
CANTON—Buchner & Gibbs Plow Co. (Plows, Harrows, Cultivators & Land Rollers)
 Dick Jos. Mfg. Co. (Fodder Cutters, etc)
 Kohler F. E. Co., (Hand Corn Planters)
 Ney Mfg. Co. (Hay Carriers, etc)
 Ney V. L. Co. (Hay Carriers, etc)
 Swineford G. A. Co. (Hay Carriers, etc)
CINCINNATI—Blymyer Iron Works Co. Plantation Coffee & Rice Machy, etc), Spring Grove av & Township Miller L. J.
CLEVELAND—American Fork & Hoe Co. Weeders, Grain Cradles, Forks, Hoes, etc), Swetland bldg
See adv index at end of book
BARTLETT C. O. & SNOW CO. (Feed Mills, Corn Shellers, Corn Crushers, etc)
See adv index at end of book
 Cleveland Motor Plow Co. ("Euclid")
 Empire Plow Co. (Plows, Harrows, Cultivators, etc), 3140 E 65th, Works: Ensley, Ala.
 Spalding Tilling Machine Co. (Disc Plows), 1434 W 3rd
COLDWATER—New Idea Spreader Co. (Manure Spreaders)
COLUMBIANA—Enterprise Co. (Feed Mills, etc)
COLUMBUS—Columbus Plow Co. Kilbourne & Jacobs Mfg. Co. (Scrapers)
CRESTLINE—Burch Plow Works Co. (Plows, etc)
 International Mfg. Co. (Seed Cleaners)
DAYTON—Aughe Plow Co. (Plows)
 Ohio Rake Co. (Harrows, Hay Loaders, Planters, Rakes, Tedders, Corn Shellers, Seeders)
DEFIANCE—Defiance Welding Co. (Peg Tooth Harrow & Pulverizer)
DOYLESTOWN—Seiberling & Miller Co. (Mowers, Reapers, Binders, Harvesters, etc)
FREMONT—Lehr Agricultural Co. (Cultivators, Harrows, etc)
GALENA—Hughes & Smythe (Revolving Rakes, Corn Planters, etc)
GERMANTOWN—Emrick A. E. (Plows, Harrows & Tobacco Presses)
HAMILTON—Deuscher H. P. Co. (Harrows, Pulverizers, Cultivators, Rakes, Planters)
 Long & Allstatter Co. (Cultivators, Harrows, Plows, etc)
HARRISON—Campbell Bros. Mfg. Co. (Corn Drills, etc)
HILLSBORO—Bell C. S. Co. (Feed Mills, Cane Mills, etc)
KENT—Peterson Mfg. Co. (Pulverizers & Clod Crushers)
LANCASTER—Eagle Machine Co. (Feed Mills, Hand Planters, Corn Shellers, Feed Cutters)
 Hocking Valley Mfg. Co. (Corn Shellers, Hay Rakes, Tedders & Loaders, Feed Cutters)
LOGAN—Logan Fdry. & Machine Co. (Plows, etc)
MADISON—Genung C. W. (Garden Seed Drills & Cultivators)
MALTA—Brown-Manly Plow Co. (Plows, Cultivators, etc)
MANSFIELD—Aultman & Taylor Machy Co. (Threshers, Stackers, Clover Hullers)

Lean Roderick Mfg. Co. (Harrows, Grain Drills, Cultivators, Weeders, Land Rollers, etc)
MARION—Huber Mfg. Co. (Threshers, Stackers, Weighers, Engines, etc)
MARTINSVILLE—West & Townsend (Cultivators)
MARYSVILLE—Adams Husker Co.
MASSILLON—Harrison W. R. & Co. (Fodder Cutters, etc)
 Russell & Co. (Threshers, Stackers, etc)
NAPOLEON—Heller-Aller Co. (Feed Cookers, Farm Boilers, Hog Scalders, Hog Waterers, etc)
NEW LEXINGTON—Star Mfg. Co. (Feed Mills, Grinders, etc)
NORTH FAIRFIELD—Fairfield Plow Works (Plows)
PAINESVILLE—Vrooman A. E. & Son (Onion Sorting & Topping Machy)
RIPLEY—Ripley Fdry. & Machine Co. (Pulverizers, etc)
SALEM—Silver Mfg. Co. (Feed Mills, Feed Cutters)
SPRINGFIELD—American Seeding Machine Co. (Grain Drills, Seeders & Sowers, Broadcast Disk, Harrows, etc)
 Bauer Bros Co. (Grinding Machy) Bauer bldg
 Bayley Wm. Co. (Feed Mills, Hand Grist Mills & Corn Shellers)
 Buffalo-Springfield Roller Co.
 Columbia Planter Co.
 Duplex Mill & Mfg. Co.
 Excelsior Drill Co.
 International Harvester Co. of America, (See Chicago, Ill.)
 Mast, Foos & Co. (Lawn Mowers, Wind Engines, Pumps, etc)
 Roberts Thos. (Feed Mills)
 Ross E. W. Co. (Feed, Fodder & Ensilage Cutters, Manure Spreaders, etc)
 Superior Mfg. & Mill Co.
 Thomas Mfg. Co. (Grain Drills, Hay Loaders, Rakes, Tedders, etc)
SWANTON—Baker A. D. Co. (Threshers, Traction Engines, etc)
TIFFIN—Tiffin Wagon Co. (Corn Shellers, etc)
UPPER SANDUSKY—Ohio Mfg. Co.
URBANA—Bechtolt Geo. E. (Plows)
WESTERVILLE—Bennet H. L. & Co. (Corn Harvesters, Stump Pullers, etc)
WILMINGTON—Hunnicutt Chas. Co. (Seed Corn Graders)
ZANESVILLE—Brown Mfg. Co. (Plows, Harrows, Cultivators, etc)

OKLAHOMA.

MUSKOGEE—Eagle Hay Press & Implement Co. (Plows, Planters, Harrows, Cultivators, Stalk Cutters, Hay Presses)

PENNSYLVANIA.

CLEONA—Imboden Harrow & Roller Co. (Harrow & Land Roller Combined)
COCHRANTON—Nonpareil Mfg. Co. (Spreaders)
DOYLESTOWN—Doylestown Agricultural Co. (Threshers, Fodder Cutters)
EASTON—Hobson & Co.
WILSON BROS. (Feed Mills, Feed Cutters)
ELIZABETHTOWN—Buch's A. Sons Co. (Corn Shellers, Fanning Mills, Feed Cutters)
ELYSBURG—De Shay D. H. (Corn Plows, Potato Diggers, etc)
GREENCASTLE—Walck Henry S. (Grain Cradles, Rakes, etc)
HAMBURG—Hamburg Plow Works (Plows, Potato Diggers)
INDIANA—Indiana Foundry Co. (Feed Cutters)
KENNETT SQ.—American Road Machinery Co. (Plows, etc)
LANCASTER—Dellinger A. M. (Feed Grinding Mills, etc)
LANESBORO—Barnes Mfg. Co. (Plows, etc)
LANSDALE—Heebner & Sons (Threshers, Harrows, Feed Mills, Feed Cutters)
LERAYSVILLE—Bailey E. M. & Son (Plows, etc)

MIFFLINBURG—Albright Jas. H. & Sons (Harrows, Cultivators, Rakes, Feed Cutters)
MOUNTVILLE—Mountville Mfg. Co. (Plows, Planters, Corn Shellers, etc)
MUNCY—Sprout, Waldron & Co. (Feed Mills, Corn Shellers, etc)
NEW HOLLAND—New Holland Machine Co.
ORANGEVILLE—Conner J. W. & Son (Feed Cutters, Harrows, Threshers, Separators, etc)
PHILADELPHIA—Allen S. L. & Co. ("Planet, Jr.," Cultivators, Planters, Seeders), Denckla bldg
 Straub A. W. Co. (Feed Mills, etc), 3737 Filbert
POTTSTOWN—Ellis Keystone Agricultural Works (Threshers)
READING—Lessig Geo. D. & Son (Feed Cutters)
RIMERSBURG—Kaster P. M. (Plows, etc)
TATAMY—Messinger Mfg. Co. (Planters, Tedders, Threshers, Feed Cutters)
WAYNESBORO—Frick Co. (Threshers, Stackers, Shellers, Traction Engines)
YORK—Farquhar A. B. Co. Ltd. (Threshers, Plows, Grain Drills, Feed Mills, Planters, Corn Shellers, Engines, Feed Cutters)
 Hench & Dromgold Co. (Potato Diggers, etc)
 Keystone Farm Machine Co. (Plows, Harrows, Cultivators, Feed Mills, Planters, Corn Shellers, Feed Cutters)

SOUTH DAKOTA.

SIOUX FALLS—Deere John Plow Co.
WATERTOWN—Lee Bros. (Plows, Harrows, etc)

TENNESSEE.

CHATTANOOGA—Chattanooga Implement & Mfg. Co. (Hay Presses, Plows & Cultivators)
 Chattanooga Plow Co. (Plows, Cane Mills, Evaporators, Cotton & Corn Planters, etc)
 Ross-Meehan Foundry Co. (Feed Cutters)
 Sanders Newell Plow Co. (Plows)
CLARKSVILLE—Patch A. H. (Corn Shellers)
HARRIMAN—Harriman Mfg. Co. (Plows, Cotton Planters, Harrows, Feed Mills)
KNOXVILLE—Oliver Wm. J. Mfg. Co. (Plows)
MEMPHIS—Ellis Wm. C. & Sons Iron Works (Cotton Seed Cleaners)
MORRISTOWN—Koger Pea & Bean Thresher Co.

TEXAS.

BRENHAM—Schuerenberg F. W. (Plows)
DALLAS—Murray Co. (Cotton Gins, Presses, etc)
 Southern Plow Co. (Plows, Cotton & Corn Planters, Harrows & Stalk Cutters, etc)
 Texas Disc Plow Co. (Plows)
 Texas Implement & Machine Co. (Cotton & Corn Planters & Cultivators, etc)
LONGVIEW—Kelly G. A. Plow Co. (Cultivators, Planters, Steel Shapes, Cast & Steel Plow Goods, Cast Steel & Chilled Plows)

VERMONT.

BARTON—Murkland Jno. W. Co. (Plows)
BELLOWS FALLS—Derby & Ball (Grain Cradles)
 Vermont Farm Machine Co.
MIDDLETOWN SPRINGS—Gray's A. W. Sons (Threshers, etc)
RANDOLPH—Sargent, Osgood & Roundy Co. (Cultivators, Plows, Potato Hillers, Corner Hay Racks, etc)

VIRGINIA.

ALEXANDRIA—May Wm. H. & Son (Plows)
BRIDGEWATER—Bridgewater Plow Corporation
CHARLOTTESVILLE—Harris R. F. & Co.

FREDERICKSBURG—Hunter Chas. E. Farmers' Friend Plow Works (Plows)
HARRISONBURG—Bradley P. & Sons (Plows, etc)
LYNCHBURG—Lynchburg Foundry Co. (Plows)
 Lynchburg Plow Works (Walking Plows)
NORFOLK—Billups C. Son & Co. (Plows)
 White's S. R. Sons (Plows, Cultivators, Planters, Corn Shellers & Feed Cutters)
 Whitehurst R. W. Mfg. Corp. (Plows, Hay Presses)
PETERSBURG—Ayers J. R. (Fertilizer Distributors, Planters, etc)
RICHMOND—Call-Watt Co. (Plows)
 Cardwell Machine Co. (Threshers, Planters, Feed Cutters, Horse Powers, Hay Presses)
 Starke's Dixie Plow Works (Ashton Starke, Prop.) (Plows, etc)
STAUNTON—Leader Plow Co. (Garden Plows)

WASHINGTON.

SPOKANE — Northwest Harvester Co. (Harvesters)
WALLA WALLA—Washington Weeder Works (Disc Weeder Cultivators)

WISCONSIN.

ALGOMA—Woodsedlak Jos. (Feed Cutters, etc)
APPLETON—Appleton Hay Tool Co. (Hay Tools)
BEAVER DAM—Beaver Dam Mfg. Co. (Seeders)
BELOIT—Thompson Plow & Engine Works (Plows, Harrows, Cultivators, Listers, etc)
BRANDON—Sherwin E. C. & Son (Harrows)
BRILLION—Brillion Iron Works (Plows, Clod Crushers & Land Rollers)
EVANSVILLE—Baker Mfg. Co. (Feed Mills, Windmills, etc)
FOND DU LAC—Glasow Fred. (Plows)
FORT ATKINSON—Pounder Geo. H. (Harrows)
HORICON—Van Brunt Mfg. Co. (Cultivators, Grain Drills, Seeders, etc)
JANESVILLE—Janesville Machine Co. (Plows, Harrows, Cultivators, Listers, etc)
 Strickler Hay Tool Co. (Haying Tools)
JEFFERSON—Vaughn Mfg. Co. (Harrows, Grain Mills, etc)
KEWAUNEE—Hamachek Frank (Plows, Feed Mills, Feed Cutters)
LA CROSSE—Castle A. M. Engineering Co.
LA CROSSE—La Crosse Plow Co. (Plows, Harrows, Cultivators, Grain Drills, Listers, Seeders)
 McKenzie Bros. Mfg. Co. (Potato Machinery)
 Smith Mfg. Co. (Stump Pullers)
MADISON—Madison Plow Co. (Plows, Harrows, Cultivators, Planters, etc)
MANITOWOC—Gateman Mfg. Co. (Canada Thistle Cutters & Clover Bunchers)
 Smalley Mfg. Co. (Corn Shellers, Plows, Feed Cutters)
MILWAUKEE—Dorsch John & Sons (Potato Hiller & Digger Combined), 209 Wells
 Hirsch Bros. (Potato Planters, Root Cutters, etc), 267 Reed
 Lindsay Bros. (Band Cutters & Self Feeders), 78 Reed
 Milwaukee Hay Tool Co. (Corn Huskers, Fodder Shredders & Haying Tools), Layton park
 Rosenthal Corn Husker Co. (Huskers & Shredders Corn), West Allis
RACINE—Belle City Mfg. Co. (Feed & Ensilage Cutters, etc)
 Case J. I. Plow Works (Plows, Harrows, Cultivators, Planters, Listers, etc)
 Case J. I. Threshing Machine Co. (Threshers, Stackers, Weighers, etc)
 Foster & Williams Mfg. Co. (Drag Rakes, Seeders, Fanning Mills, Feed Cutters, Windmills, Feed Cutters, etc), Dept. O.
 Freeman Mfg. Co. (Corn Shellers, Seeders, Fanning Mills)

Johnson & Field Mfg. Co. (Seeders, Fanning Mills, Land Rollers, etc.)
 Wabers Mfg. Co. (Hand Corn & Potato Planters)
RIPON—Hazen W. S. (Harrows)
SHEBOYGAN—Blocki F. Co. (Clover Bunchers, Pea Harvesters, etc)
 Globe Foundry & Machine Co. (Feed Mills & Feed Cutters)
SPARTA—Sparta Iron Wks Co. (Stump Pullers)
SUPERIOR—Duplex Mfg. Co. (Feed Mills, etc)
WATERLOO—Drew Carrier Co. (Feed & Litter Carriers)
WAUKESHA—Rowell I. B. Co. (Plows, Harrows, Feed Cutters, Ensilage Cutters)
WAUPUN—Althouse-Wheeler Co. (Feed Mills, etc)
 Olson O. C. (Plows)
WAUSAU—Wausau Foundry & Machine Co. (Feed Cutters)
WEST BEND—Gehl Bros. Mfg. Co. (Feed & Fodder Cutters, Corn Shellers, Hay Tedders, Harrows, etc)

93—Agricultural Implement Parts & Shapes

American Shovel & Stamping Co., Lorain, O.
 Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
 Empire Plow Co. (Cultivator, Attachments, Clevises, Coulters, Grain Drill Points, etc), 3140 E 65th, Cleveland, O.
 Havana Metal Wheel Co. (Plow Shares, Points, Lister Shares, Sub-Soilers, etc), Havana, Ill.
 Janesville Machine Co. (Harrow Attachments), Janesville, Wis.
 Mason F. C. & Co. (Potato Digger Blades, Harrow Shoes, Corn Planters, Plows, Noll Bros., Milwaukee, Wis.
 Parlin & Orendorff Co., Canton, Ill.

94—*Air Brake Storage Systems WESTINGHOUSE TRACTION BRAKE Co., Pittsburgh, Pa.

95—Air Cooling & Purifying Apparatus

See also Humidifying Apparatus; also Washers
 American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.
 Carrier Air Conditioning Co., 39 Cortlandt, New York
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Cramer Stuart W. ("Cramer" System of Air Conditioning), Charlotte, N. C.
 Thomas & Smith ("Thomas Acme" System), 116 N Carpenter, Chicago, Ill.

95a—*Aircraft Wire, Strand & Cord ROEBLING'S JOHN A. SONS CO. Main Office, Trenton, N. J., Works, Trenton & Roebling, N. J. See adv index at end of book

96—Airlocks (Sewerage, Automatic)

Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Philadelphia, Pa.
 Priestman Albert ("Merritt"), 328 Chestnut, Philadelphia, Pa.

97—Airmeters

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
 See adv index at end of book

98—*Air Motors & Air Hoisting Machinery

DETROIT HOIST & MACHINE CO., Detroit, Mich.
 See adv index at end of book

AIR MOTORS & AIR HOISTING Machinery

DETROIT HOIST & MACHINE CO
 DETROIT, MICH.

99—Airole

Hoffmann—La Roche Chemical Works, 440 Washington, New York

100—Airiometers

Denver Hydro Co. ("Excelsior"), 1520 Elizabeth, Denver, Col.

101—Alarms (Burglar)

Ansonia Electrical Co., Ansonia, Conn.
 Auth Elec'l. Specialty Co., 25 Howard, New York
 Bunnell J. H. & Co., 32 Park pl, New York
 Crouse-Hinds Co., Syracuse, N. Y.
 Duplex Elec. Co., 258 B'way, New York
 Edwards & Co., Exterior & 140th, New York
 Electric Goods Mfg. Co., Canton, Mass.
 Engineering Products Co., 40 Goldsmith av., Detroit, Mich.
 Garl Electric Co., Akron, O.
 Holmes Elec. Protective Co., 26 Cortlandt, New York
 Holtzer-Cabot Electric Co., Brookline, Mass.
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Metropolitan Elec. Protective Co., 130 W. 26th, New York
 Ostrander W. R. & Co., 371 B'way, New York
 Partrick & Williams Co., 45 N 7th, Phila, Pa.
 Stanley & Patterson ("S. & P." Double Magnet), 23 Murray, New York
 Stewart S. A., Waltham, Mass.
 United Electric Apparatus Co., 1529 Columbus av. Boston, Mass.

102—Alarms (Burglar System)

American Bank Protection Co., 1201 S 3d, Minneapolis, Minn.
 Holmes Electric Protective Co., 26 Cortlandt, New York
 Metropolitan Electric Protective Co., 130 W 26th, New York

103—Alarms (Fire, Manual, Thermostatic & Automatic Systems)

Aero Fire Alarm Co., Seattle, Wash.
 American Fire Alarm Co., 976 Liberty av, Pittsburgh, Pa.
 American Model & Instrument Co. ("Amico"), Worcester, Mass.
 Anderson Coupling & Fire Supply Co., Kansas City, Kans.
 Auth Elec'l. Specialty Co., 25 Howard, New York
 Autocall Co. (Interior Systems), Shelby, O.
 Automatic Fire Detector Co., 1834 B'way, New York
 Automatic Fire Alarm Co., Bradford, Pa.
 Automobile Supply Mfg. Co., 24 Taaffe pl., Brooklyn, N. Y.
 Auxiliary Fire Alarm Co., 144 Oliver, Boston, Mass.
 Benjamin Elec. Mfg. Co., 128 S. Sangamon, Chicago, Ill.
 Boston Automatic Fire Alarm Co., 141 Milk, Boston, Mass.
 Boston Fire & Police Notification Co. ("Wall"), 11 High, Boston, Mass.
 Bunnell J. H. & Co., 32 Park pl, New York
 Conn. Tele. & Elec. Co., 70 Britania, Meriden, Conn.
 Denio General Electric Co. (Operating Over Telephone Circuits), Rochester, N. Y.
 Edwards & Co., Exterior & 140th, New York
 Elec. Automatic Appliance Co., 1749 Arapahoe, Denver, Colo.
 Elec. Fire Alarm Co., Sheboygan, Wis.
 Electrical Sales Co., 176 Federal, Boston, Mass.
 Federal Sign System (Electric), 640 W. Lake, Chicago, Ill.
 Fire Alarm Signal Co., 303 Congress, Boston, Mass.
 Foote, Pierson & Co., 160 Duane, New York
 Gamewell Fire Alarm Telegraph Co., 70 E. 45th, New York
 Garl Electric Co., Akron, O.
 General Fire Extinguisher Co., 275 W. Exchange, Providence, R. I.
 Goldstein Engng. Co. ("Air-Alarm," Automatic Detectors), 45 Maiden la., New York
 Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
 King Fire Signal Co., 105 William, New York
 Klaxon Co., 194 Wright, Newark, N. J.

Loper Fire Alarm Co. (Compressed Air), Stonington, Conn.
 McFell Signal Co., 2857 S Halsted, Chicago, Ill.
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Manhattan Fire Alarm Co., 17 Madison av, New York
 Metropolitan Elec. Protective Co., 130 W. 26th, New York
 Mohawk Elec. Mfg. Co., 45 Lawrence, Newark, N. J.
 New York Brass Foundry Co. ("Stillbeck"), 104 Centre, New York.
 Ohio Signal Co., Canton, O.
 Ostrander W. R. & Co., 371 B'way, New York
 Palmer Electric & Mfg. Co., 60 K., Boston, Mass.
 Partrick & Wilkins Co., 45 N 7th, Phila., Pa.
 Rex-Harris Fire Appliance Co., 39 E. 19th, New York.
 Rope Fire Escape Co., 1602 Market, Phila., Pa.
 Russell Elec. Co. (Horns & Whistles), Danbury, Conn.
 Samson Elec. Co., 146 Summer, Canton, Mass.
 Special Fire Alarm Electric Signal Co., 44 E 23d, New York
 Star Electric Co., Newark, N. J.
 Standard Electric Time Co. ("Standard"), Springfield, Mass.
 Stanley & Patterson, 23 Murray, New York.
 Stewart S. A. & Co., Waltham, Mass.
 U. S. Automatic Fire Alarm Co., Kansas City, Mo.
 U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York
 Utica Fire Alarm Telegraph Co., Utica, N. Y.
 Vierkant H. C., Tarrytown, N. Y.
 Volunteer Firemen Signal Co., Minneapolis, Minn.
 Western Elec. Co., 463 West, New York
 Western May-Oatway Fire Alarms, Los Angeles, Cal.

104—Alarms (Low Water, for Boilers)

ANDERSON V. D. Co. ("Anderson," also High Alarms), W 96th, Cleveland, O. *See adv index at end of book*
 Ashcroft Mfg. Co., 119 W 40th, New York
 Binghamton Machine Works ("The Turner"), Binghamton, N. Y.
 Bogardus-Nelson Co. ("Hylo"), Marshalltown, Ia.
 Buckeye Iron & Brass Works, Dayton O.
 Chicago Automatic Switch Co. (High & Low Water), 212 Peoria, Chicago, Ill.
 Chicago Engineers Supply Co. ("Acme"), 68 W Lake, Chicago, Ill.
 Detroit Lubricator Co., Detroit, Mich.
 Elliott Co. ("Elliott"), R-6-S.6, Pittsburgh, Pa.
 Engineering Co. of Phila., Harrison bldg., Phila., Pa.
 Erie Pump & Equipment Co. ("Necco"), Erie, Pa.
 Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.
 Jarvis Engine & Mach. Works, Lansing, Mich.
 Kitts Mfg. Co. (High & Low), Oswego, N. Y.
 Lawler Regulator Co., 55 W Houston, New York
 Lonergan J. E. Co. ("Reliable"), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 Ostrander W. R. & Co. ("Nev"), 371 B'way, New York
 Partrick & Wilkins Co., 45 N 7th, Phila., Pa.
 Pittsburgh Gage & Supply Co. (Also High Water "Pittsburgh" Safety), 30th & Liberty av, Pittsburgh, Pa.
 Reliance Gauge Column Co., 5902 Carnegie, Cleveland, O.
 Rutzler Enoch Co., 404 E 49th, New York
 Stanley & Patterson, 23 Warren, New York
 Steigert L. Co. (Also for High Water, "U. S." Indicator), Logan & Elder, Cincinnati, O.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Weld Geo. A. Co., 79 Milk, Boston, Mass.
 Williams Gauge Co., 543 4th av, Pittsburgh, Pa.

Wright Mfg. Co. (Also High Water Alarms), 97 Woodbridge, W, Detroit, Mich.

105— Alarms (Mine Car)

American Safety Lamp & Mine Supply Co. ("American" Automatic), Scranton, Pa.

106— Alarms (Tank)

Bogardus-Nelson Co. ("Hylo" Water Alarms For Tanks, Towers & Reservoirs), Marshalltown, Ia.
CALDWELL W. E. Co. ("Caldwell" High Low Water Tank), 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Electrical Repair Co., 548 W. 23d, New York
 Leahy John J., 48 Dey, New York
 Ostrander W. R. & Co., 371 B'way, New York
 Patrick & Wilkins Co., 51 N. 7th, Phila., Pa.
 Stanley & Patterson, 23 Murray, New York
 Waldman John J., 136 Liberty, New York

107— Alarms (Tire)

Polo Pneumatic Tire Alarm Mfg. Co., 160 N 5th av, Chicago, Ill.

108— Albone

Roesler & Hasslacher Chemical Co., 100 William, New York

109— Albumenometers

Tagliabue Chas J. Mfg. Co. ("Esbash's"), 20 33d, Brooklyn, N. Y.

110— Albums (Post Card)

Horn W. C. Bro. & Co., 541 Pearl, New York
 Ideal Specialty Co., 552 Adams, Chicago, Ill.
 Taylor Platt & Co., 35 E 10th, New York
 Ward Sam'l Mfg. Co., 299 Atlantic av, Boston, Mass.

111— Alcohol (Denatured)

Alcohol Utilities Co. ("Pyro"), 27 William, New York
 American Distilling Co., Pekin, Ill.
 Apothecaries Hall Co. (Jobbers), Waterbury, Conn.
 Berg David Distilling Co., Delaware & Tasker, Phila., Pa.
 Berry Bros., Detroit, Mich.
 Bird J. A. & W. & Co. (Mfrs Agents), 88 Pearl, Boston, Mass.
 Boyd F. O. & Co., 433 Washington, New York
 Commercial Distilling Co., Terre Haute, Ind.
 Cooper Chas. & Co., 194 Worth, New York
 Corby Co., Washington, D. C.
 Corning & Co., Peoria, Ill.
 Fleischmann Co., 701 Washington, New York
 Gray Wm. S. & Co. (Jobbers), 80 Maiden la., New York
 Hammond J. T. & Son, 4534 Hedge, Phila., Pa.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Heil Henry Chemical Co., St. Louis, Mo.
 Industrial Chemical Co., 200 5th av, New York
 Jefferson Distilling & Denaturing Co. ("Radio," Complete Denatured), Harvey, La.
 Lakeside Distilling Co., 140 W Water, Milwaukee, Wis.
 Merrimac Chemical Co. (Wood), 148 State, Boston, Mass.
MINER-EDGAR CO., 52-60 Warren, Brooklyn, N. Y.
 National Distilling Co., foot 27th, Milwaukee, Wis.
 Philadelphia Distributing Co., 1345 Frankford av, Phila., Pa.
 Pierce & Stevens, Buffalo, N. Y.
 Salomon L. A. & Bro., 216 Pearl, New York
 Union Distilling Co., 3d & Race, Cincinnati, O.
 United States Industrial Alcohol Co. ("Pyro"), 27 William, New York
 Walsh Jas. & Co., Union Trust bldg, Cincinnati, O.

Webb A. L. & Sons, 115 E Lombard, Baltimore, Md.

Webb James A. & Son, 50 Stone, New York
 Wood Products Co., Buffalo, N. Y.
 Woolner Distilling Co., Peoria, Ill.

112— Alcohol (Ethyl)

Corby Co., Washington, D. C.
 Jefferson Distilling & Denaturing Co., Harvey, La.
 Michigan Chemical Co., Bay City, Mich.

113— Alcohol (Grain)

American Distributing Co., 27 William, New York
 American Spirits Mfg. Co., 27 William, New York
 Boyd F. O. & Co., 433 Washington, New York
 Clifton Springs Distilling Co., Ludlow av & B & O S W Cum., Cincinnati, O.
 Commercial Distilling Co., Terre Haute, Ind.
 Fleischmann Co., 427 Plum, Cincinnati, O.
 Merchants Distilling Co., Terre Haute, Ind.
 Standard Distilling & Distributing Co., 27 William, New York
 Webb A. L. & Sons, 115 E Lombard, Baltimore, Md.
 Webb Jas. A & Son, 50 Stone, New York

113a— *Alcohol (Iso Amyl, Butyl & Wood)

DU PONT CHEMICAL WORKS, Wilmington, Del.

114— Alcohol (Wood)

Berry Bros., Wight & Leib, Detroit, Mich.
 Bird J. A. & W. & Co. (Mfrs Agents), 88 Pearl, Boston, Mass.
 Boyne City Chemical Co., Boyne City, Mich.
 Buckhannon Chemical Co., Olean, N. Y.
 Cadillac Chemical Co., Cadillac, Mich.
 Clawson Chemical Co., Ridgway, Pa.
 Cleveland Cliffs Iron Co., Rockefeller bldg, Cleveland, O.
 Cooper Chas. & Co., 194 Worth, New York
 Corbett M. J. & Co., Binghamton, N. Y.
 Coryville Chemical Co., Bradford, Pa.
 Cummer-Diggins Co., Cadillac, Mich.
 Day Chemical Co., Westline, Pa.
 Forest Chemical Co., Sheffield, Pa.
 Gaffney Wood Products Co., Bradford, Pa.
 Georgia Pine Turpentine Co., 153 Perry, New York
 Gray Wm. S. & Co. (Jobber, "Columbian Methanol"), 80 Maiden la., New York
 Heinemann Chemical Co., Olean, N. Y.
 International Smokeless Powder & Chemical Co., 120 B'way, New York
 James Mfg. Co., Kane, Pa.
 Keery Thomas Co., Hancock, N. Y.
 Lackawanna Chemical Co., Straight, Pa.
 Leighton Arthur Co., Methol, N. Y.
 Lewis Run Mfg. Co., Bradford, Pa.
 Marvindale Chemical Co., Bradford, Pa.
 Maryland Wood Products Co., Bradford, Pa.
 McKean Chemical Co. (Wood Spirits), Williamsport, Pa.
 Mashek Chemical & Iron Co. (Refined), Wells, Mich.
 Merrimac Chemical Co. (Denatured), 148 State, Boston, Mass.
 Michigan Chemical Co., Bay City, Mich.
MINER-EDGAR CO., 52-60 Warren, Brooklyn, N. Y.
 Nansen Chemical Co., Nansen, Pa.
 National Chemical Co., Bradford, Pa.
 Newton Chemical Co., Olean, N. Y.
 Noble Electric Steel Co., 995 Market, San Francisco, Cal.
 Norwich Chemical Co., Crosby, Pa.
 Nusbaum Chemical Co., Bradford, Pa.
 Oswayo Chemical Co., Bradford, Pa.
 Otto Chemical Co., Williamsport, Pa.
 Peak C. W., Peakville, N. Y.
 Penna Alcohol & Chemical Co., 136 N Water, Phila., Pa.
 Pierce & Stevens, Buffalo, N. Y.
 Russell Chemical Co. Ltd., Russell, Pa.
 Salomon L. A. & Bro., 216 Pearl, New York
 Smith A. B. Chemical Co., Buffalo, N. Y.
 Straight Creek Chemical Co., Straight, Pa.
 Sullivan Chemical Co., Acidalia, N. Y.
 Susquehanna Chemical Co., Straight, Pa.
 Treys G. H. & Co., Binghamton, N. Y.
 Treys G. I., Cook Falls, N. Y.
 Tyler-Hall Chemical Co. (Crude), Hancock, N. Y.

Webb A. L. & Sons ("Columbian"), 115 E Lombard, Baltimore, Md.
 Webb Jas. A. & Son, 50 Stone, New York
 Wood Products Co. (Pure Methyl & Re-ind), Buffalo, N. Y.
 Wright Chemical Co., Susquehanna, Pa.
 Wyman Chemical Co., Port Alleghany, Pa.

115—Aligning & Leveling Apparatus

Kinthead Mfg. Co. ("Kinthead" for Faulty Alignment of Shafting), 45 High, Boston, Mass.

116—Alizarine Assistant

Badische Co. (Imported), 128 Duane, New York
 Bosson & Lane, Atlantic, Mass.
 Leyland Thos. & Co., Readville, Boston, Mass.
 National Red Oil & Soap Co., Harrison, N. J.
 Pawtucket Mordant Co., Pawtucket, R. I.
 Providence Drysalers Co., 86 Weybosset, Providence, R. I.
 Shaw Jno. & Co., 15 Elkins, South Boston, Mass.
 United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
 Wolf Jacques & Co., Passaic, N. J.

117—Alkali Mfrs.

American Chemical Co., 640 Carr, Cincinnati, O.
 Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
 Castner Electrolytic Alkali Co., Niagara Falls, N. Y.
 Clark Fred G. Co., 1081 W 11th, Cleveland, Ohio
 Columbia Chemical Co., Barberton, O.
 Ford J. B. Co. (Tanners, etc), Wyandotte, Mich.
 Fuerst Bros. & Co. (Imported), 2 Stone, New York
 Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
 Mathieson Alkali Works ("Eagle" & "Thistle" Brands), 53 Canal, Providence, R. I. Works Saltville, Va.
 Michigan Alkali Co., Wyandotte, Mich.
 Missouri Chemical Works, 4004 Duncan av, St. Louis, Mo.
 Niagara Alkali Co., Niagara Falls, N. Y.
 Royal Chemical Co. ("Royal" Powder, will remove Vienna Lime from Buffed or Polished Work), Phoenix, R. I.
 Solvay Process Co., Syracuse, N. Y.
 Hutchinson, Kan., and Detroit, Mich.
 Wing & Evans (Selling Agent), 22 William, New York
 Winkler Isaac & Bro., 1st Nat'l Bank bldg, Cincinnati, O.
 Yaryan Co., 25 Church, New York

118—Alkarhein

Merrell W. S. Chemical Co., 5th & Pike, Butler, Cincinnati, O.

119—Alloys (Aluminum)

See also Ferro-Aluminum

ALUMINUM

Ingots—Sheets—Rods—Granulated

UNITED SMELTING & ALUMINUM CORP.

NEW HAVEN, CONN.

Branches { 24 Stone Street, New York City
 { 1334 Dime Bank Bldg., Detroit, Mich.

Acieral Co. of America, 26 Cortlandt, New York
 American Alloys Co., American bldg, Baltimore, Md.
 American Duralumin Co., 11 Pine, New York
 Garford Engineering Co. ("Aero Metal"), Elyria, O.
 Kemp W. H. Co., 165 Spring, New York
 LEAVITT, C. W. & CO., 34 Church, New York See adv index at end of book

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. See adv index at end of book
 U. S. Reduction Co., East Chicago, Ind.

120—Alloys (Brass & Bronze)

American Alloys Co., American bldg, Baltimore, Md.
 Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. See adv index at end of book
 Damascus Bronze Co. ("Damascus"), Pittsburgh, Pa. See adv index at end of book
 Michigan Smelting & Refining Co., 1695 Jos. Campau st., Detroit, Mich. See adv index at end of book
 Riverside Metal Co., Riverside, N. J.

121—Alloys (Copper & Nickel)

AMERICAN BRASS CO., Waterbury, Conn. See adv index at end of book
 For branch offices see adv index at end of book
 American Magnesium Corp., Niagara Falls, N. Y.
 Damascus Bronze Co. ("Damascus" Copper); Pittsburgh, Pa. See adv index at end of book
 Eagle Smelting & Refining Works, 233 B'way, New York
 Electrical Alloy Co., Morristown, N. J.
 LEAVITT C. W. & CO., 34 Church, New York. See adv index at end of book
 Michigan Smelting & Refining Co., 1695 Jos. Campau st., Detroit, Mich. See adv index at end of book
 Mutual Electric & Machine Co. (Bandan Bronze), 232 Fort W, Detroit, Mich.
 Nassau Smelting & Refining Works, 607 W 29th, New York
 Riverside Metal Co., Riverside, N. J.
 WILLIAMS & CO. (INC.) (Nickel & Monel Metal), 220-226 Penn av., Pittsburgh, Pa. See adv index at end of book

122—Alloys (Cupro Nickel)

Riverside Metal Co., Riverside, N. J.

Alloys for Steel Mfrs.

See Ferro Alloys of Various Kinds

123—Alloys (Gold & Silver)

Hagstoz T. B. & Son, 709 Sansom, Phila., Pa.
 Ney J. M. Co., Hartford, Conn.

124—Alloys (Iridium)

American Platinum Works (Any Grade of Hardness), Oliver & N. J. R. R. av, Newark, N. J.

Alloys (Magnesium)

See Ferro-Magnesium

Alloys (Manganese)

See Ferro Manganese, Etc.

125—Alloys (Manganese Bronze)

American Alloys Co., American bldg, Baltimore, Md.
 American Manganese Bronze Co. ("Spare's" "Tensilite," etc), 3501 Rhawn, Phila., Pa.
 Brady Brass Co., 170 14th, Jersey City, N. J.
 Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons") Beach & Ball, Phila., Pa.
 Damascus Bronze Co. ("Damascus"), Pittsburgh, Pa. See adv index at end of book
 Electric Smelting & Aluminum Co., Lockport, N. Y.
 Michigan Smelting & Refining Co., 1695 Jos. Campau, Detroit, Mich. See adv index at end of book
 Phosphor Bronze Smelting Co. ("Elephant" Brand), 2200 Wash'n av, Phila., Pa.
 Riverside Metal Co., Riverside, N. J.

125a—Alloys (Phosphor Bronze)

American Alloys Co., American bldg, Baltimore, Md.
 Brady Brass Co., 170 10th, Jersey City, N. J.

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. See adv index at end of book
 Damascus Bronze Co., N. S. Pittsburgh, Pa. See adv index at end of book

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

Phosphor Bronze Smelting Co., ("Elephant" Brand), 2200 Wash'n av, Phila., Pa.
 Riverside Metal Co., Riverside, N. J.

126—Alloys (Silicon)

See Ferro-Manganese & Ferro Silicon

Alloys (Vanadium)

See Ferro-Vanadium

127—Alloys (White Metal)

American Alloys Co., American bldg, Baltimore, Md.
 Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons") Beach & Ball, Phila., Pa.
 Eagle Picker Lead Co. (The), 208 S. La Salle, Chicago, Ill.
 Eagle Smelting & Refining Works, 233 B'way, New York
 Electric Smelting & Aluminum Co., Lockport, N. Y.
 Empire Metal Co., Syracuse, N. Y.
 Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

Riverside Metal Co., Riverside, N. J.
 Riverside Metal Refining Co., Connelville, Pa.
 Union Smelting & Refining Co., 14th & av D, New York

Altars

See Marble Altars; also Furniture, Church & Lodge

Alum

See Alums

Alumina

128—Avery Chemical Co., 88 Broad, Boston, Mass.
 Detroit Chemical Wks. (Sulphate), 238 Junction av., Detroit, Mich.
 Drakenfeld, B. F. & Co. (Oxide Hyd. Imp.), 50 Murray, New York
 General Chemical Co. (Sulphate & Chloride), 25 Broad, New York
 Harrisons, Inc. (Sulphate), 35th & Grays Ferry rd., Phila., Pa.
 Innis, Speiden & Co., Inc. (Jobbers), 46 Cliff, New York. See adv index at end of book
 Jarecki Chemical Co. (Sulphate), Sandusky, O.
 Klipstein, A. & Co. (Acetate, Formiate, Lineolate, Palmitate, Stearate, Sulphate, Sulphocynide, etc., Imp.), 644 Greenwich, New York
 Merrimac Chemical Co. (Chloride, Sulphate, Hydrate, Acetate, etc.), 148 State, Boston, Mass.
 Penna. Salt Mfg. Co. (Sulphate, Hydrate, or Calcined for Aluminum, etc.), Widener bldg, Phila., Pa.
 Roessler & Hasslacher Chemical Co. (Sulphate), 100 William, New York
 Virginia Consolidated Chemical Corp., 100 B'way, New York
 Warner Chemical Co. (Hydrate), 52 Vanderbilt av, New York
 Winkler Isaac & Bro. (Sulphate), 1st Nat'l Bk bldg, Cincinnati, Ohio

129—Aluminite

Stowe-Fuller Co., Rockefeller bldg., Cleveland, O.

130—Alumino-Vanadium

American Vanadium Co., Vanadium bldg, Pittsburgh, Pa.

130a— *Aluminum

ALUMINUM

Aluminum ingots, sheets, wire rods, castings, aluminum wire and cables (bare) and insulated for electrical conductors.

ALUMINUM COMPANY OF AMERICA
PITTSBURGH, PA.

131— Aluminum Flake

Aluminum Flake Co., Akron, O.
Scheel Wm. H. (Imported), 159 Maiden la, New York

132—Aluminum (Fluoride & Oxide)

Seligman Arthur, 165 B'way, New York
Wiarda John C. & Co., 273 Green, Brooklyn, N. Y.

132a—*Aluminum (Granulated)

ALUMINUM

Ingots—Sheets—Rods—Granulated

UNITED SMELTING & ALUMINUM CORP.

NEW HAVEN, CONN.

Branches { 24 Stone Street, New York City
1334 Lime Bank Bldg., Detroit, Mich.

133—Aluminum Hollow Ware

Aluminum Co. of America, Oliver bldg., Pittsburgh, Pa. *See adv index at end of book*

Aluminum Cooking Utensil Co. ("Wear-Ever"), New Kensington, Pa.

Aluminum Goods Mfg. Co., Manitowoc, Wis.

Aluminum Mfg. Co., Des Moines, Ia.

Aluminum Products Co., La Grange, Ill.

Aluminum Sales & Mfg. Co. ("Viko"), 483 B'way, New York

Borgfeldt Geo. & Co. ("Coronet," Pilot Swiss), 16th & Irving pl, New York

Bowman Geo. H. Co. ("Swissalu"), 224 Euclid av, Cleveland, O.

Buckeye Aluminum Co. ("Real Solid"), Wooster, O.

Cleveland Metal Products Co. ("Aladdin"), Ivanhoe rd & N. Y. C. R. R., Cleveland, O.

Doylestown Aluminum Ware Co., Doylestown, Ohio

Fargo E. A. Co., Taunton, Mass.

Griswold Mfg. Co. ("Erie"), Erie, Pa.

Illinois Pure Aluminum Co., Lemont, Ill.

Maiwurm Aluminum Corp., Ashland, O.

Massillon Aluminum Co. ("Betty Bright"), Massillon, O.

Monarch Aluminum Ware Co., 4613 Payne av., Cleveland, O.

National Aluminum Works ("Potter-Faultless"), Elmira, N. Y.

New England Enameling Co. ("Priscilla"), Middletown, Conn.

Standard Aluminum Co., Two Rivers, Wis.

Sterling Aluminum Co., Erie, Pa.

Stover Mfg. Co., Freeport, Ill.

United States Aluminum Co., Oliver bldg., Pittsburgh, Pa.

Wagner Mfg. Co., Sidney, O.

West Bend Aluminum Co., West Bend, Wis.

Wheeling Stamping Co., Wheeling, W. Va.

134—Aluminum Household & Toilet Specialties

Aluminum Goods Mfg. Co., Manitowoc, Wis.

Aluminum Specialty Co., Manitowoc, Wis.

American Aluminum Mfg. Co., Lemont, Ill.

Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

Cleveland Metal Products Co., Ivanhoe rd, N. Y. C. R. R., Cleveland, O.

Florence Mfg. Co., Florence, Mass.

Illinois Pure Aluminum Co., Lemont, Ill.
National Aluminum Works, Elmira, N. Y.
Republic Metalware Co., The, Buffalo, N. Y.

Union Aluminum Co. (Combs, etc.), Orrville, O.

Wheeling Stamping Co., Wheeling, W. Va.

135— Aluminum Leaf

Baer Bros., 438 W 37th, New York

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

Rauskolb Fred W. Co., 103 Arch, Boston, Mass.

Sayre Metal Co., Sayre, Pa.

Schultz & Co., 25 St. Marks pl, New York

Seligman Arthur (Imp.), 165 B'way, New York

Swift M. & Sons, Hartford, Conn.

136— Aluminum (Liquid)

Michigan Stove Co. ("Garland"), Detroit, Mich.

Seligman Arthur, 165 B'way, New York

Aluminum Novelties

See Metal Novelties & Specialties

136a— Aluminum (Powdered)

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*

137—Aluminum (Sheets & Rods)

See also Ingots, Aluminum

See also Tubing, Aluminum

ALUMINUM

Ingots—Sheets—Rods—Granulated

UNITED SMELTING & ALUMINUM CORP.

NEW HAVEN, CONN.

Branches { 24 Stone Street, New York City
1334 Lime Bank Bldg., Detroit, Mich.

Aluminum Company of America, Oliver bldg., Pittsburgh, Pa. *See adv index at end of book*

Beer, Sondheimer & Co., 61 B'way, New York

Bradford Co. (Imp.), 200 Fifth av, New York

Champion Metals Co. (Sheets), 446 N. La Salle, Chicago, Ill.

Cleveland Metal Products Co., Ivanhoe, & N. Y. C. R. R., Cleveland, O.

ERDLE PERFORATING CO. (Sheet), 181 York, Rochester, N. Y.

Frasse Peter A. & Co., Inc., 417 Canal, New York. *See adv index at end of book*

Guiterman, Rosenfeld & Co. (Imp.), 35 S. William, New York

Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.

Jobbins, W. F. (also Aluminum, Sulphate), Aurora, Ill.

Kemp W. H. Co., 165 Spring, New York

LEAVITT C. W. & CO., 34 Church, New York. *See adv index at end of book*

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

Pope Metals Co., 90 West, New York

Seligman Arthur (Imp.), 165 B'way, New York

Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*

U. S. Reduction Co., East Chicago, Ind.

Winter Son & Co. (Imp.), 64 Wall, New York

138—*Aluminum Vessels & Linings for Fireless Cookers

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.

See adv index at end of book

139— Alums

Commercial Chemical Co., Clearing, Ill.

Detroit Chemical Works, Detroit, Mich.

General Chemical Co., 25 Broad, New York

Harrisons, Inc., Phila., Pa.

Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.

Kalbfleisch Franklin H. Co., B'way & 16th, New York

Klipstein A. & Co. (Imp.), 644 Greenwich, New York

Lennig Chas. & Co., 112 S Front, Phila., Pa.

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

Merrimac Chemical Co., 148 State, Boston, Mass.

Penna. Salt Mfg. Co. (Lump, Ground, Powdered, Burnt & Filtering), Widener bldg., Phila., Pa.

Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

Superior Chemical Co., Joliet, Ill.

Thomsen Chemical Co., Munsey bldg., Baltimore, Md.

Virginia Consolidated Chemical Corp., 100 B'way, New York

Western Chemical Mfg. Co., Denver, Colo.

Wiarda John C. & Co. (Lump & Powdered), 273 Greene, Brooklyn, N. Y.

Winkler Isaac & Bro., 1st Nat'l Bk. bldg., Cincinnati, O.

Alundum Wheels

See Emery & Corundum Wheels

140-1—Amalgamating Pans & Barrels

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Hendy Joshua Iron Works, 75 Tremont, San Francisco, Cal.

MAC KINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Traylor Engng. & Mfg. Co., Allentown, Pa.

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

Worthington Pump & Machinery Corp., 115 B'way, New York

142— Ambulances

Barley Mfg. Co. (Chassis), Streator, Ill.

Birch James H., Burlington, N. J.

Crane & Breed Mfg. Co., Cinn., O.

Fulton & Walker Co., 20th & Filbert, Phila., Pa.

Hendee Mfg. Co. (Motorcycle), Springfield, Mass.

Holzbog Geo. H. & Bro., 216 E. Chestnut, Jeffersonville, Ind.

Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.

Merchant & Evans Co., 2035 Washington av. ("Evans" Gasoline Horse), Phila., Pa. *See adv index at end of book*

Michigan Hearse & Motor Co., 1500 Union av S. E., Grand Rapids, Mich.

Rech-Marbaker Co. (Combination Patrol & Ambulance), 8th & Girard, Phila., Pa.

Studebaker Corp., South Bend, Ind.

143— Amidol

General Chemical Co., 25 Broad, New York

144— Ammeters (Shunt)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.

See adv index at end of book

Hickok Electrical Instrument Co., 10514 Dupont, Cleveland, O.

Pignolet Louis M., 78 Cortlandt, New York

Roller-Smith Co., 233 B'way, New York

145— Ammeters & Voltmeters

(Those who Manufacture Battery Gauges are so indicated following their names)

American Ever Ready Works, Thompson av., Long Island City, N. Y.

Badt-Westburg Electric Co., 53 W Jackson Blvd, Chicago, Ill.

Benton Electric Co., La Crosse, Wis.

Biddle Jas. G., 1211 Arch, Phila., Pa.

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.

See adv index at end of book

Brown Instrument Co., Wayne & Windrim
avs, Phila., Pa.
Clark Electric Meter Co., 215 S Clinton,
Chicago, Ill.
Connecticut Telephone & Electric Co. (Bat-
tery Gauges), Meriden, Conn.
Dongan Electric Mfg. Co. (Direct and Al-
ternating), Detroit, Mich.
Dow Mfg. Co. (Battery Gauges), Brain-
tree, Mass.
Du Vivier Ernest H. (Dial & Recording),
30 Church, New York
Eastern Carbon Works (Battery Gauges),
580 Henderson, Jersey City, N. J.
Eldredge Electric Mfg. Co., Springfield,
Mass.
Esterline Co. ("Esterline," Recording), 227
E South, Indianapolis, Ind.
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*
Hercules Instrument Co. ("Monarch" Am-
meters), Mt. Vernon, N. Y.
Hoyt Electric Instrument Works (For
Direct Current, also Battery Gauges),
Penacook, N. H.
International Instrument Co., Cambridge,
Mass.
Jewell Electrical Instrument Co. ("Jewell"
Dead-Beat Portable & Switchboard
Type), 310 W Lake, Chicago, Ill.
Kendrick-Davis Co. (The K.-D.), Lebanon,
N. H.
Knott L. E. Apparatus Co., 79 Amherst,
Cambridge, Mass.
Manhattan Electrical Supply Co. ("Dit-
mar," "Universal," "Elite," Battery
Gauges), 17 Park pl, New York
Mohawk Electric Mfg. Co., 45 Lawrence,
Newark, N. J.
Norton Electric Instrument Co., Man-
chester, Conn.
Pierson-Wilcox Elec. Co. (Battery Gauges),
547 McKnight, Minneapolis, Minn.
Pignolet Louis M. (Continuous & Alternat-
ing Current), 80 Cortlandt, New York
Readrite Meter Works. ("Readrite,"
Pocket & Miniature Battery Testing),
Bluffton, Ohio
Reliance Instrument Co. ("Reliance"), 1135
W Vanburen, Chicago, Ill.
Roberts Instrumeent Co., Detroit, Mich.
Roller-Smith Co. (Portable & Switch-
board) 233 B'way, New York
Splitdorf Electrical Co. (Ammeters), 98
Warren, Newark, N. J.
Sterling Mfg. Co. (Pocket Battery Testers),
Blackstone bldg., Cleveland, O.
Troy Electrical Co., Troy, N. Y.
Wagner Electric Mfg. Co., New Bk of Com
bldg, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO.
(Direct & Alternating Current), East
Pittsburgh, Pa.
See adv index at end of book
Weston Electrical Instrument Co., Waverly
Park, Newark, N. J.

146—Ammonia (Aqua & An- hydrous)

Armour Ammonia Works (Anhydrous),
3130 Benson, Chicago, Ill.
Armour Glue & Ammonia Wks. (Anhy-
drous), Postal Telegraph bldg., San
Francisco, Cal.
Avery Chemical Co. (Aqua), 38 Broad,
Boston, Mass.
Banner Mfg. Co., 373 Adelaide, Detroit,
Mich.
Barrett Co. (Anhydrous & Aqua), 17
Battery pl, New York
Bower Hy. Chemical Mfg. Co. (Anhydrous
& Aqua), 29th & Gray's Ferry rd,
Phila., Pa.
Braun-Knecht-Herman Co. (Anhydrous),
576 Mission, San Francisco, Cal.
Citizens Gas Co., 47 S Penn, Indianapolis,
Ind.
Clapp B. P. Ammonia Co., Louisville, Ky.
Columbia Chemical Works ("C. C. Par-
sons"), Bush Terminal, Brooklyn,
N. Y.
Commercial Chemical Co. (Aqua), Clear-
ing, Ill.
Consumers Ammonia Mfg. Co. (Anhydrous
& Aqua), Camden, N. J.
Contact Process Co. (Aqua Ammonia only),
Buffalo, N. Y.
Erkenbrach Geo. A. Co. (Aqua), 115
Maiden lane, New York
Grasselli Chemical Co. (Aqua), Guardian
bldg., Cleveland, O.
General Chemical Co. (Aqua), 25 Broad,
New York

Hamilton-Otto Coke Co., Hamilton, O.
Harrisons, Inc. (Aqua), 35th & Gray's
Ferry rd., Phila., Pa.
Harshaw, Fuller & Goodwin Co. (Carbo-
nate, Muriate), Electric bldg, Cleve-
land, O.
Herf & Frerichs Chemical Co. (Anhydrous
& Aqua), Pierce bldg, St. Louis, Mo.
Hirsh Leon & Son (Anhydrous in Cylin-
ders), 368 Greenwich, New York
Kalbfleisch Franklin H. Co. (Aqua), B'way
& 16th, New York
Klipstein A. & Co. (Muriate), 644 Green-
wich, New York
McKesson & Robbins (Salts of), 91 Fulton,
New York
Mallinckrodt Chemical Works (Aqueous),
2d & Mallinckrodt, St. Louis, Mo.
Mechling Bros. Mfg. Co. (Aqua), Camden,
N. J.
Merrimac Chemical Co. (Aqua & Anhy-
drous), 143 State, Boston, Mass.
Michigan Ammonia Works (Carbonate), ft
of Meldum av., Detroit, Mich.
National Ammonia Co. ("National" Anhy-
drous, "Peerless" Aqua for Ice Mak-
ing & Refrigerating Machines), 3600
N B'way, St. Louis, Mo.
Naugatuck Chemical Co. (Aqua), Nauga-
tuck, Conn.
New Haven Gas Light Co., New Haven,
Conn.
Pacific Ammonia & Chemical Co., 340
Spear, San Francisco, Cal.
Penn Chemical Works ("Banner," Dry),
1332 Washington av, Phila., Pa.
Powers - Weightman - Rosengarten Co.
(Aqua), 916 Parrish, Philadelphia, Pa.
Rhodes Jas. H. & Co. (Liquid Anhydrous),
157 W. Austin av., Chicago, Ill.
Robinson Bros. ("Buffalo"), Montrose av,
Brooklyn, N. Y.
Roessler & Hasslacher Chemical Co. (Sal
Grami & Carbonate, etc), 100 William,
New York
Semet-Solvay Co. (And Ammonia Pro-
ducts), Syracuse, N. Y.
Spokane Falls Gas Light Co. (Concentrated
Unpurified), Spokane, Wash.
Thomsen Chemical Co., Munsey bldg.,
Baltimore, Md.
Western Chemical Mfg. Co. (Aqua & An-
hydrous), Denver, Colo.
Wiarda John C. & Co. (Carbonate or
Fluoride Jobbers), 273 Greene, Brook-
lyn, N. Y.

147—Ammonia Hydroxide

Baker J. T. Chemical Co., Phillipsburg,
N. J.

148—Ammoniates

Alba Mfg. Co. (Fertilizer), Aurora, Ill.
American Agricultural Chemical Co., 2
Rector, New York
Armour Fertilizer Works, U S Yards, Chi-
cago, Ill.
Buffalo Fertilizer Works, Marine Bank
bldg., Buffalo, N. Y.
Heller Jos. S. (Imp), 62 William, New
York
Lang J. M. & Co. (Brokers), Savannah, Ga.
Ober G. & Sons Co., U. S. Fidelity &
Guarantee bldg, Baltimore, Md.
Pacific Coast Beef & Provision Co. (Ani-
mal), Los Angeles, Cal.
Royster F. S. Guano Co., Norfolk, Va.
Swift & Co. (Animal), Union Stock Yards,
Chicago, Ill.
Virginia-Carolina Chemical Co., Richmond,
Va.
Walter Edw. J. Co. (Brokers), American
bldg, Baltimore, Md.
Wilson & Co. (Animal), 1259 Oakdale av,
Chicago, Ill.

149—Ammonium (Bi-Carbonate)

Barrett Co., 17 Battery pl., New York
Semet-Solvay Co., Syracuse, N. Y.

150—Ammonium (Bifluoride)

General Chemical Co., Benedum Trees
bldg, Pittsburgh, Pa.

151—Ammonium Bromide

Dow Chemical Co., Midland, Mich
Halogen Chemical Co., Bay City, Mich.

152—Ammonium (Carbonate)

Cooper Chas. & Co., 194 Worth, New York
Klipstein A. & Co. (Imp), 644 Greenwich,
New York

Ammonium Chloride

See Sal Ammoniac

153—Ammonium Nitrate

Butterworth-Judson Corp., 61 B'way, New
York
Erkenbrach Geo. A. Co., 115 Maiden la,
New York
Innis, Speiden & Co., Inc., 46 Cliff, New
York. *See adv index at end of book*
Marden, Orth & Hastings Co., 61 B'way,
New York
Tennant C. Sons & Co. of N. Y. (Imp), 100
William, New York

Ammonium Phosphate

See Phosphate of Ammonia

154—Ammonium Sulphate

Listers Agr'l Chemical Works, 2 Rector,
New York
New England Gas & Coke Co., 111 Devon-
shire, Boston, Mass.

155—Ammunition

Artillery Fuse Co., Church & F., Wilming-
ton, Del.
Bartlett Hayward Co., Scott & McHenry,
Baltimore, Md.
Chamberlin Cartridge & Target Co., N W,
Cleveland, O.
Peters Cartridge Co., 1st Nat Bk bldg,
Cincinnati, O.
Quackenbush H. M. (Air Rifle), Herkimer,
N. Y.
Remington Arms Union Metallic Cartridge
Co. ("U. M. C."), 233 B'way, New
York; Works, Bridgeport, Conn.
Robin Hood Ammunition Co. (Metallic),
Swanton, Vt.
Savage Arms Corp. ("22 Hi-Power"),
Utica, N. Y.
Scovill Mfg. Co. (Cartridge Cups, Clips
& Shells), Waterbury, Conn.
See adv index at end of book
U. S. Cartridge Co. ("Climax"), Lowell,
Mass.
Winchester Repeating Arms Co., New Ha-
ven, Conn.

155a—*Ammunition (Air Rifle)

QUACKENBUSH H. M., Herkimer, N. Y.

156—Amyl Acetate (Acetate of Amyl)

Albany Chemical Co. (Technical & C. P.),
Albany, N. Y.
Anderson Chemical Co., Wallington, N. J.
Bush W. J. & Co., 100 William, New York
Celluloid Zapon Co., Stamford, Conn.
Cooper Chas. & Co., 194 Worth, New York
Franco American Chem. Works, Carl-
stadt, N. J.
International Smokeless Powder & Chem-
ical Co., 120 B'way, New York
Katzenbach & Bullock Co. (Imp), Tren-
ton, N. J.
Klipstein A. & Co. (Imp), 644 Greenwich,
New York
McKesson & Robbins (Imp), 91 Fulton,
New York
Maas & Waldstein Co., 92 William, New
York
National Aniline & Chemical Co. (Jobbers),
100 William, New York

156a—*Amyl Acetate (Commercial & Iso)

DU PONT CHEMICAL WORKS, 120
B'way, New York

157—Analytical Apparatus

See also Instruments, Scientific
Ainsworth Wm. & Sons, Denver, Col.
Berge J. & H. (Imp.), 95 John, New York
Eimer & Amend, 205 3d av, New York
Heil Henry Chemical Co., St. Louis, Mo.
Hoskins Mfg. So., 453 Lawton, Detroit,
Mich.
Salt Lake Hardware Co., Salt Lake City,
Utah
Sargent E. H. & Co., 125 W Lake, Chica-
go, Ill.
Scientific Materials Co., 717 Forbes, Pitts-
burgh, Pa.
Thomas Arthur H. Co., W Washington
sq, Phila., Pa.

158— Anchors (Boat)

Admiral Anchor Co. (Steel Stockless), Chester, Pa.
 American Engineering Co. ("Providence," Stockless & Mushroom), Aramingo & Cumberland, Phila., Pa.
 Baldt Anchor Co., Chester, Pa.
 Bleecker Aug. & Son, 5 Jones la, New York
 Camden Anchor-Rockland Machine Co. (Wrought Iron, 20 to 8,000 lbs), Camden, Me.
 Cape Ann Anchor Works, Gloucester, Mass.
 Chester Steel Castings Co. (Ship), 407 Sansom, Phila., Pa.
 Coleman Walter & Sons ("Rex"), 168 Fountain, Providence, R. I.
 Columba Steel Co. ("Admiral," Steel), 503 Market, San Francisco, Cal.
 Durkee Chas. D. & Co. ("Crescent"), 2 South, New York
 Fairhaven Iron Foundry Co. (Bulb-Shank Mooring), Fairhaven, Mass.
 Laughlin Thos. Co. ("Dirigo" Folding, Kedge, Fishing, Grapnel, Mushroom, Swivel, Stockless, etc), Portland, Me.
 Malleable Iron Fittings Co. ("M.I.F.Co." Folding), Branford, Conn.
 Marine Hardware-Equipment Co., So Portland, Me.
 Midvale Steel Co. (Steel Ship. Stockless & Navy), Phila., Pa.
 National Steel Fdry. Co. (Ship), New Haven, Conn.
 Neptune Hardware Mfg. Co., 54 South, New York
 New Jersey Foundry & Machine Co. (Ship), 89 West, New York
 Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.
 Wilcox, Crittenden & Co. ("Navy" Stockless with Bal & Socket, Mushroom, Folding Kedge, Grapplings, etc. "Cape Cod," Folding), Middletown, Conn.

159— Anchors (Concrete)

Richmond Screw Anchor Co., Pulitzer bldg, New York
 Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

160— Anchors (Fence)

Ashland Anchor & Steel Post Co., Ashland, O.
 Chance Mfg. Co. ("Never Creep"), Centralia, Mo.

161— Anchors (Guy)

Barbed Anchor Mfg. Co., Louisville, Ky.
 Barnes & Robert Mfg. Co. ("B. & K."), Milldale, Conn.
 Benicia Iron Works, 4th & Brannen, San Francisco, Cal.
 Bennett I. A. Co. ("Bull Tongue"), 567 W Van Buren, Chicago, Ill.
 Bluffton Anchor Co., Bluffton, O.
 Chance Mfg. Co., Centralia, Mo.
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.
 Crouse-Hinds Co. ("Harpoon"), Syracuse, N. Y.
 Everstick Anchor Co., 1624 N 8th, St. Louis, Mo.
 Falls Elec. Co., Lima, O.
 Faultless Anchor Co., Fostoria, O.
 Gund Mfg. Co., La Crosse, Wis.
 Hallett Iron Works ("Hiawatha," "Hallett" Guy anchor plate), Harvey, Ill.
 Harrison Electric Co., Van Brunt, Brooklyn, N. Y.
 Jackman W. J. ("The Jack Anchor"), Lima, O.
 Johns H. W.-Manville Co., Madison av & 41st, New York.
 Klein Mathias & Sons, 562 W. Van Buren, Chicago, Ill.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Lina Material Co., So. Milwaukee, Wis.
 Matthews W. N. & Bro. ("Matthews"), 3722 Forest Park blvd, St. Louis, Mo.
 Michigan Bolt & Nut Works, Detroit, Mich.
 Miller Anchor Co. ("Miller" Safety), Norwalk, Ohio
 N. E. Bolt & Supply Co., Everett, Mass.
 Oliver Iron & Steel Co., Pittsburgh, Pa.
 Oshkosh Mfg. Co. ("Oshkosh"), Oshkosh, Wis.

Pittsburgh Knife & Forge Co., Pittsburgh, Pa.
 St. Louis Malleable Casting Co. ("O-K"), 7701 N Conduit av, St. Louis, Mo.
 Simpson Anchor Co., Niagara Falls, N. Y.
 Specialty Device Co. ("Bierce"), 112 W 3rd, Cincinnati, O.
 Universal Cable Grip Co. ("Universal" Anchor Head), Syracuse, N. Y.
 Wapak Hollow Ware Co., Wapakoneta, O.

Anchors (Joist)

See Joist Anchor & Timber Caps

162— Anchors (Rail)

See also Creepers, Anti-Rail
 American Guard Rail Fastener Co. ("Vaughan" Automatic), Real Estate Trust bldg, Phila., Pa.
 Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
 Harrow Spring Co., Colby-Abbott bldg, Milwaukee, Wis.
 M. W. Supply Co. ("Vaughan" Automatic), Real Estate Trust bldg, Phila., Pa.
 National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.
 P. & M. Co., 80 E Jackson blvd., Chicago, Ill.
 Q. & C. Co. ("Vaughan"), 90 West, New York
 St. Louis Malleable Casting Co., 7701 N Conduit av, St. Louis, Mo.
 Scott John M. & Sons ("Racine"), Racine, Wis.
 Universal Railway Supply Co., 122 S Michigan av, Chicago, Ill.
 Wharton Wm., Jr., & Co., Inc., Easton, Pa.

163— Anchors (Screw)

Richmond Screw Anchor Co., 61 Park Row, New York

164—*Anchors (Screw, Expansion)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book
STAR EXPANSION BOLT CO. ("Star" & "Sebco"), 147 Cedar, New York

165— Anchors (Stone)

Brunner & Lay, 570 W Polk, Chicago, Ill.
 Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
 Ideal Hanger Co., Cleveland, O.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Omaha Safe & Iron Works, Omaha, Neb.
 Republic Structural Iron Wks. Co., E 53d & Lakeside av, Cleveland, O.

166— Anchors (Wall)

Auer John, Jr. (Also Beam Wrought), 197 Middleton, Brooklyn, N. Y.
 Brunner & Lay (Column-Beam & Pin), 570 W Polk, Chicago, Ill.
 Chesapeake Iron Works, Westport, Baltimore, Md.
 Hager C. & Sons, Hinge Mfg. Co. (Riveted & Nutted Angle Shank & Wrought T), 2447 De Kalb, St. Louis, Mo.
 Hastings Foundry & Iron Works, Hastings, Neb.
 Omaha Safe & Iron Works, Omaha, Neb.
 Racky Albert C., 531 S 5th av, Chicago, Ill.
 Republic Structural Iron Wks. Co., E 53d & Lakeside av, Cleveland, O.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Stevens Iron Works & Fireproofing Co., Cleveland, O.

167—Andirons, Fenders & Grates

See also Fire Place Furnishings
 Adams Co., Dubuque, Ia.
 Bassill Louis Co. (Brass), 100 Utica, Boston, Mass.
 Bigelow, Cheney Wire Works, Springfield, Mass.
 Birmingham Stove & Range Co., Birmingham, Ala.
 Boston Brass Andiron Co. (Brass), 104 Utica, Boston, Mass.
 Bradley & Hubbard Mfg. Co. (Brass & Iron), Meriden, Conn.
 Burr Co. (Cast Iron), Champaign, Ill.

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
 Colonial Fireplace Co., 4611 W 12th, Chicago, Ill.
 Elm City Brass & Rivet Co., Plainville, Conn.
 Glascock Stove & Mfg. Co. (Portable Grates, etc), Greensboro, N. C.
 Graf Frank H. Mfg. Co. (Brass, Bronze & Iron), 322 7th av, New York
 Harriman Mfg. Co., Harriman, Tenn.
JACKSON EDWIN A. & BRO., Inc. (Brass & Iron), 50 Beekman, New York
See adv index at end of book
 Jackson Wm. H. Company (Brass & Iron), 2 W 47th, New York.
 Janusch Mfg. Co. (Brass, Bronze & Iron), 496 E 134th, New York
 McKenny & Waterbury Co. (Brass & Iron), 181 Franklin, Boston, Mass.
 Marshall Foundry Co., Pittsburgh, Pa.
 Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
 Pacific Hardware Mfg. Co., Los Angeles, Cal.
 Peerless Mfg. Co. Louisville, Ky.
 Price-Evans Foundry Co., Chattanooga, Tenn.
 Rostand Mfg. Co. ("Rostand" Brass & Iron), Milford, Conn.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Stover Mfg. Co. (Brass, Iron), Freeport, Ill.
 White's S. R. Sons, Pine State (Andirons), Norfolk, Va.

168— Anemometers

Davis Instrument Mfg. Co., 112 W Fayette, Baltimore, Md.
 Draper Mfg. Co., 152 Front, New York
 Du Vivier Ernest H. (Dial & Recording), 30 Church, New York
 Elliott B. K. Co. ("Biram's," etc), 108 6th, Pittsburgh, Pa.
 Everhart Brass Wks., 422 Penn av, Scranton, Pa.
 Green Henry J., 1191 Bedford av, Brooklyn, N. Y.
 Gurley W. & L. E., Troy, N. Y.
 Keuffel & Esser Co., Hoboken, N. J.
 McCoy Joseph F. Co. ("Davis-Biram," Imported), 157 Chambers, New York
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
 Queen-Gray Co., 618 Chestnut, Phila., Pa.
 Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book
 Wissler A., B'way & Washington av, St. Louis, Mo.

169— Aneroids

Gurley W. & L. E. (Surveying & Mining, etc), Troy, N. Y.
 Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

170— Anglegraphs

Cassaday, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

171— Anglemeters

Sargent Steam Meter Co. ("Sargent" Indicating), 1902 N California, Chicago, Ill.

172—*Angles & Bands (Trunk)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

173—Aniline Colors, Dyes & Dye-stuffs

American Aniline Products, Inc., 80 5th av, New York
 American Chemical & Dyestuff Co., 24 Custom House, Boston, Mass.
 American Color Co., Indianapolis, Ind.
 American Dyewood Co., 80 Maiden la, New York
 Andreykovicz & Dunk (Imported), 58 N Front, Phila., Pa.
 Arnold, Hoffman & Co., 55 Canal, Providence, R. I.
 Ashley T. C. & Co., Atlantic av, Boston, Mass.
 Atteaux F. E. & Co., 176 Purchase, Boston, Mass.

Atwood Frank W. (Imported), Boston, Mass.
 Avery Chemical Co. (Dyes & Dyestuffs), 88 Broad, Boston, Mass.
 Badische Co., 128 Duane, New York
 Baumann Dyestuff & Chemical Co., 250 Plymouth, Brooklyn, N. Y.
 Bayer Co., 117 Hudson, New York
 Bay State Chemical Co., 38 India, Boston, Mass.
 Beach & Co., Hartford, Conn.
 Beckers W. Aniline & Chemical Works, E 83d, Brooklyn, N. Y.
 Berlin Aniline Works (Imported), 213 Water, New York
 Bird J. A. & W. & Co., 88 Pearl, Boston, Mass.
 Bischoff C. & Co. (Imported), 451 Washington, New York
 Bosson & Lane, Atlantic, Mass.
 Bredt F. & Co. (Imp for Paper Mills), 240 Water, New York
 Brown F. G., 112 N Delaware av, Phila., Pa.
 Bull's Ferry Chemical Co., Edgewater, N. J.
 Butterworth-Judson Corp., 61 B'way, New York
 Calco Chemical Co., Bound Brook, N. J.
 Calvert Aniline & Chemical Co., 28 W 3d, Cincinnati, O.
 Campbell John & Co. (Imported), 75 Hudson, New York
 Cassella Color Co., 182 Front, New York
 Central Dyestuff & Chemical Co., Plum Point la, Newark, N. J.
 Chemical Co. of America, New York
 Chemical Importing & Mfg. Co. (For Bleachers, Dyers, etc), 90 West, New York
 Ducas B. P. Co. (Imported), 25 S William, New York
 Dye Products Co. of U. S., Krams & Wilde, Phila., Pa.
 Earle & Co. (Imported), 20 W 3rd, New York
 Eastwood Chemical Co. (Black Iron & Red Iron Liquor), Belleville, N. J.
 Farbwerke-Hoechst Co. (Imp.), 122 Hudson, New York
 Federal Dyestuff & Chemical Corp., 2 Rector, New York
 Fezandie Felix, 205 Fulton, New York
 Fortner Louis B. Co., 36 Strawberry, Phila., Pa.
 Fuerst Bros. & Co. (Imported), 2 Stone, New York
 Geigy-Ter-Meer Co. (Imported), 89 Barclay, New York
 Geisenheimer & Co. (Imp), 134 Cedar, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Heller & Merz Co., 503 Hudson, New York
 Herman & Herman, Inc., 6 Church, New York
 Holland Aniline Co., Holland, Mich.
 Holliday Read & Sons, Ltd., 160 Franklin, New York
 Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.
 Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York *See adv index at end of book*
 Jamaica Dyewood & Chemical Co., 50 Church, New York
 Jaack Louis Co., 257 Front, New York
 Kalbfleisch Franklin H. Co., B'way & 16th, New York
 Kalle Color & Chemical Co., 530 Canal, New York
 King E. & F. & Co. (Imported), 367 Atlantic av, Boston, Mass.
 Klipstein A. & Co., 644 Greenwich, New York
 Lengfelt F. H. & Co. (Imp), 100 Maiden la, New York
 Levinstein I. & Co., 74 India, Boston, Mass.
 Lewis Jno. D. (Imported), 8 Exchange pl, Providence, R. I.
 Leyland Thos. & Co., Readville, Boston, Mass.
 Marden, Orth & Hastings Co., 61 B'way, New York
 Middlesex Aniline Co. (Aniline Oils & Chemicals), 149 B'way, New York
 Miller Frank Co., 349 W 26th, New York
 National Aniline & Chemical Co., Inc., Schoellkopf Works, Buffalo, N. Y.
 National Aniline & Chemical Co., 100 William, New York
 Pickering Geo. & Co., Elmira, N. Y.
 Reading Chemical Mfg. Co. (Sulphur Black & Sulphur Brown), Reading, Pa.
 Reisig Chas. H. (Imported), 269 Water, New York

Rice, Edward E. & Co. ("Edmund Ruch & Co." Imported), 620 Atlantic av, Boston, Mass.
 Seydel Mfg. Co., Jersey City, N. J.
 Sherwin-Williams Co., 601 Canal rd N. W. Cleveland, O.
 Stamford Mfg. Co., 82 Wall, New York
 Standard Aniline Products (Aniline, Paranitriline & Sulphur Colors), 366 5th av, New York
 Sykes W. F. & Co. (Imported), 85 Water, New York
 Thayer E. M. & Co. (Imp, Also Alizarine Colors), 411 Atlantic av, Boston, Mass.
 United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.
 Villa H. S. Color Co., 243 S 2nd, Phila., Pa.
 Virginia Consolidated Chemical Corp., 100 B'way, New York
 Weiller Mfg. Co., New Brunswick, N. J.
 Western Aniline Products Co. (Intermediates), Old Colony bldg, Chicago, Ill.
 Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.
 Wolf Jacques & Co. (Black Dye), Passaic, N. J.
 Worden Chemical Works, 4 Cedar, New York
 Zinsser Wm. & Co. (Imported), 195 William, New York
 Zobel Color Works, 101 9th, B'klyn, N. Y.

174—Annatto

Ransom L. E. Co. (Imp), 279 Pearl, New York
 Kerr J. E. & Co. (Imp.), 25 Beaver, New York

175—Annealers (Wire)

See also Furnaces, Annealing & Case Hardening
 Rockwell W. S., Co., 50 Church, New York. *See adv index at end of book*
 Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W., Cleveland, O.

Annealing

See Case Hardening; also Tempering to Order

Announcers (Stage)

See Carriage Calls, Electric

176—Annunciators

See also Signals, Hospital
 Ansonia Electrical Co., Ansonia, Conn.
 Auth Electrical Specialty Co., Ansonia, Conn.
 Automatic Appliance Co., 172 Columbus av, Boston, Mass.
 Bunnell J. H. & Co., 32 Park pl, New York
 Connecticut Telephone & Electric Co., Meridian, Conn.
 Couch S. H. Co. (Couch "Colecto"), Norfolk Downs, Mass.
 Edwards & Co., Exterior & 140th, New York
 Electric Goods Mfg. Co. ("Ross," "Dandy," "Perfect," "Rival," "Noxall," etc), Canton, Mass.
 Elevator Supplies Co., Hoboken, N. J.
 Engineering Products Co. ("Ideal"), 40 Goldsmith av, Detroit, Mich.
 Garl Electric Co. (Elevator, etc), Akron, Ohio
 Holtzer-Cabot Electric Co. (Hospital, etc), Brookline, Mass.
 International Arms & Fuse Co., Bloomfield, N. J.
 Kell Francis & Son, 401 E 163d, New York
 Knickerbocker Elec. Co., 116 West, New York
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Menominee Elec. Mfg. Co., Menominee, Mich.
 Moon Mfg. Co. ("Knapp," "Eclipse," "Acme"), 122 N Jefferson, Chicago, Ill.
 Ostrander W. R. & Co., 371 B'way, New York
 Partrick & Wilkins Co. ("King"), 45 N 7th, Phila., Pa.
 Samson Elec. Co., 146 Summer, Canton, Mass.
 Stanley & Patterson ("Premier," "De Veau" Electrical Reset & Gravity), 23 Murray, New York
 Star Electric Co., Newark, N. J.
 United Electric Apparatus Co. (for Railway Signal Systems), 1529 Columbus av, Boston, Mass.

177—Annunciators (Automobile)

Cowles C. & Co. ("Madison Square" & "Mechanics Hall"), New Haven, Conn.
 Holt & Beebe Co., 51 Chardon, Boston, Mass.
 O'Brien Jos. F. Mfg. Co., 391 B'way, N. Y.
 Robertson-Cataract Electric Co., 151 W Mohawk, Buffalo, N. Y.

178-9—Annunciators (Elevator)

See also Annunciators
 Elevator Supplies Co., Hoboken, N. J.
 Stanley & Patterson, Inc., 23 Murray, New York

180—Anodes (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 Champion Metals Co., 446 N La Salle, Chicago, Ill.
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.
 Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
 New Haven Copper Co. (Copper, Rolled Only), Seymour, Conn.
 Matthews H. A. Mfg. Co., Seymour, Conn.
 Michigan Copper & Brass Co., Detroit, Mich.
 New Haven Copper Co., Seymour, Conn.
 Rome Brass & Copper Co. (Copper Anodes or Battery Plates for Electrotyping), Rome, N. Y.
 Seymour Mfg. Co., Seymour, Conn.
 Taunton-New Bedford Copper Co. (Copper), Taunton, Mass.
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

181—Anodes (Gold & Silver)

Benson H. K. & F. S. (Platers' Granulated & Anode Silver), Glen Ridge, N. J.
 Handy & Harman (Fine Silver), 59 Cedar, New York
 Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
 United Wire & Supply Co., Elmwood Station, Providence, R. I.

182—Anodes (Nickel)

Apothecaries Hall Co., Waterbury, Conn.
 Burns E. Reed ("Diamond"), 27 Jackson, Brooklyn, N. Y.
 Ely C. Upham, 60 Vesey, New York
 Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Munning-Loeb Co., Matawan, N. J.
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Seymour Mfg. Co. (Rolled & Cast), Seymour, Conn.
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
WILLIAMS & CO. (INC.), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

183—Anodes (Zinc)

Champion Metals Co., 446 N La Salle, Chicago, Ill.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

184—Anti-Fluctuators (Gas Engine)

American Meter Co., 11th av & 47th, New York

Anti-Friction Metals

See Bearings of Various Kinds; also Babbitt Metal

185—Anti-Hums

Bunnell J. H. & Co., 32 Park pl, New York
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Manhattan Electrical Supply Co., 17 Park pl, New York

186—Antimony

American Metal Co., 61 B'way, New York
 American Smelting & Refining Co., 120 B'way, New York
 Beer, Sondheimer & Co., 61 B'way, New York
 Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.
 Chrystal Charles B. 13 Cliff, New York
See adv index at end of book
 Coates, Bennett & Reidenbach, Rochester, N. Y.
 Coulston J. W. & Co. (Imp), 80 Maiden la, New York
 Doggett Stanley (Imp), Golden & Crimson Sulphuret of), 11 Cliff, New York
 Drakenfeld B. F. & Co. (Glass Regular, Sulphate, etc, Imp), 50 Murray, New York
 Eagle Smelting & Refining Works, 233 B'way, New York
 Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.
 Foreign & Domestic Metal Co., Cleveland, O.
 Frost & Cundill, Inc. (Imp), 60 Wall, New York
 Fuerst Bros. & Co. (Imported), 2 Stone, New York
 Harshaw, Fuller & Goodwin Co. (Metal, Needle & Oxide), Electric bldg, Cleveland, O.
 Hayman Mich'l & Co., Buffalo, N. Y.
 Hendricks Bros. (Imp), 49 Cliff, New York
 Hill S. Edw. & Sons & Co. (Imp), 64 Wall, New York
 Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.
 Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
 Katzenbach & Bullock Co. (English Gold & Crimson), Trenton, N. J.
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Lavino E. J. & Co. (Imp), Bullitt bldg, Phila., Pa.
LEAVITT C. W. & CO. ("H. H." Brand, French, Metal, Crude & Oxide), 34 Church, New York
See adv index at end of book
 Lissberger Marks & Son (Imp), 281 Borden av, Long Island City, N. Y.
 Magnolia Metal Co. ("Magmetco" Regulus & Sulphuret), 113 Bank, New York
See adv index at end of book
 Merchant & Evans Co., 2035 Washington av., Phila., Pa.
See adv index at end of book
 Nassau Smelting & Refining Works, 607 W 29th, New York
 Naugatuck Chemical Co., Naugatuck, Conn.
 Norden A. & Co. (Imp), Cotton Exch. bldg, New York
 Philipp Brothers (Imp), 29 B'way, New York
 Pope Metals Co. (Dealers & Importers), 90 West, New York
 Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.
 Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.
 Seligman Arthur, 165 B'way, New York
 Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
 Trotter Nathan & Co. (Imp), 36 N Front, Phila., Pa.
UNITED SMELTING & ALUMINUM CORP. (Jobbers), 187 Commerce, New Haven, Conn.
See adv index at end of book
 U. S. Reduction Co., East Chicago, Ind.
 Wah Chang Mining & Smelting Co. (Imp), ("W. C. C." Brand), 233 B'way, New York
 Wiarda Jno. C. & Co. (Diaphoretic, Metal, Needle, Oxide), 273 Greene, Brooklyn, N. Y.

187—Antimony (Needle & Crude)

Earle E. P. (Crude), 165 B'way, New York
 Foote Mineral Co. (Imp), 107 N 19th, Phila., Pa.
 Frost & Cundill, Inc. (Imp), 60 Wall, New York
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Hill's Edward Sons & Co. (Imp), 64 Wall, New York
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Mitsui & Co. (Imp), 25 Madison av, New York
 Norden A. & Co. (Imp), Cotton Exch. bldg, New York

Philipp Brothers (Imp), 29 B'way, New York
 Raritan Chemical Works, 8 W 40th, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York

188—Antimony Oxide

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
 Feuchtwanger L. & Co., 54 Fulton, New York
 Foote Mineral Co. (Imp), 107 N 19th, Phila., Pa.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Hill's Edward Sons & Co. (Imp), 64 Wall, New York
 Raritan Chemical Works (French), 8 W 40th, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Seligman Arthur, 165 B'way, New York

189—Antimony (Sulphuret of)

Avery Chemical Co., 88 Broad, Boston, Mass.
 Cantor Joseph (Imp), 21 State, New York
 Coulston J. W. & Co. (Imp), 80 Maiden la, New York
 Foote Mineral Co. (Imp), 107 N 19th, Phila., Pa.
 Harshaw, Fuller & Goodwin Co., Electric Bldg., Cleveland, O.
 Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York. *See adv index at end of book*
 Katzenbach & Bullock Co. (Imp), Trenton, N. J.
 Lufbery Geo. F., Jr., Elizabeth, N. J.
 Magnolia Metal Co. ("Magmetco"), 115 Bank, New York
See adv index at end of book
 Pfaltz & Bauer (Imp), 300 Pearl, New York
 Rare Metal Products Co., Glen Ridge, N. J.
 Scheel Wm. H. (Imp), 159 Maiden la, New York
 Uhlich Paul & Co. (Imp), 11 Cliff, New York
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

190—Anti-Rattlers (Rubber)

Bowers Rubber Works, 68 Sacramento, San Francisco, Cal.
 Goodrich B. F. Co., Akron, O.
 Home Rubber Co., Trenton, N. J.
 N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
 New York Belting & Packing Co., 91 Chambers, New York
 Quaker City Rubber Co. (Rubber), 629 Market, Phila., Pa.
 United & Globe Rubber Mfg. Co., Trenton, N. J.

191—Anti-Rattlers (Steel)

See also Couplers, Shaft & Pole
 Bauer Bros. Mfg. Co. ("Burton," "Higgin" & "Johnson"), Richmond & Carr, Cincinnati, O.
 Evans & Coppins Co. ("Star Quick Shift"), Princeton, Ill.
 Fernald Mfg. Co. ("Burton," "Quick Shift," "Ladd," "Fernald" & "Wire Drive"), North East, Pa.
 Higgin Mfg. Co., Newport, Ky.
 Monarch Carriage Goods Co. ("Handy"), 2842 Spring Grove av, Cincinnati, O.
 Raymond Mfg. Co., Ltd., Corry, Pa.
 Searls Mfg. Co., 29 Mulberry, Newark, N. J.
 Tanner D. F. ("Quick Shift"), Holland, N. Y.
 Wallace Supplies Mfg. Co. ("Wallace"), 412 Orleans, Chicago, Ill.

192—Anti-Rattlers (Window)

Climax Lock & Ventilator Co. ("Climax"), 656 Michigan av, Buffalo, N. Y.
 Elastic Tip Co., 370 Atlantic av, Boston, Mass.
 Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
 P. C. W. Mfg. Co. ("P. C. W." Sash), York, Pa.
 Peabody Henry W. & Co. ("Feltold"), 17 State, New York

193—Anvil, Vise & Drill Combined

See also Vises, Anvil, Combination
 Bloomfield Mfg. Co. ("New Banner"), Bloomfield, Ind.

Bonney Vise & Tool Works ("Gipse"), Allentown, Pa.
See adv index at end of book
 Millers Falls Co. (Inserted Steel Vise Jaws), 28 Warren, New York. Works: Millers Falls, Mass.

194—Anvil & Vise Combined

See also Vises, Anvil, Combination
 Adams A. L., Cedar Rapids, Ia.
 American Scale Co., Kansas City, Mo.
 Bloomfield Mfg. Co., Bloomfield, Ind.
 Bonney Vise & Tool Works ("Gipse"), Allentown, Pa.
See adv index at end of book
 Columbian H'dwe Co., Cleveland, Ohio
 Fisher & Norris ("Eagle"), Trenton, N. J.
 Fulton Iron Works ("Cheney"), Detroit, Mich.
 Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
 Illinois Iron & Bolt Co., Carpentersville, Ill.
 Loetscher-Ryan Mfg. Co. ("Star"), Du-buque, Ia.
 Millers Falls Co., 28 Warren, New York
 Parker Charles Co., Meriden, Conn.
 Richardson Mfg. Co., Worcester, Mass.
 Rock Island Mfg. Co. ("Rock Island" Semi-Steel), Rock Island, Ill.
 Southern Skein & Fdry. Co., Chattanooga, Tenn.
 Strickler Hay Tool Co., Janesville, Wis.
 Stowell Co., The ("Hanson"), South Milwaukee, Wis.

195—Anvils (Bench, Etc.)

Bonney Vise & Tool Works ("Gipse"), Allentown, Pa.
See adv index at end of book
 Bullock Mfg. Associates, Springfield, Mass.
 Columbian H'dwe Co., Cleveland, Ohio
 Fisher & Norris ("Eagle"), Trenton, N. J.
 Goodell-Pratt Co., Greenfield, Mass.
 Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
 Millers Falls Co. ("Hills" Solid Steel), 28 Warren, New York
 Rock Island Mfg. Co. ("Rock Island" Semi-Steel for Farm or Shops), Rock Island, Ill.
 Williams A. C. Co. (Family, small, 7½ lbs), Ravenna, O.

196—Anvils (Blacksmiths', Etc., Cast Iron)

American Skein & Foundry Co. ("Badger"), Racine, Wis.
 Illinois Iron & Bolt Co. ("Vulcan"), Carpentersville, Ill.

197—Anvils (Blacksmiths', Etc., Imported)

Potts Horace T. & Co. ("Paragon," Swedish Steel), 318 N 3rd, Phila., Pa.
 Stauffer, Eshleman & Co., Ltd ("Crown," Swedish Steel), 511 Canal, New Orleans, La.
 Swedish Iron & Steel Corp'n. (Swedish Steel), 12 Platt, New York
 Wiebusch & Hilger (Peter Wright, Sole Selling Agent), 106 Lafayette, New York

198—Anvils (Blacksmiths', Etc., Steel)

Columbian Hardware Co. ("Columbian"), Cleveland, O.
 Fisher & Norris ("Eagle," "Horseshoer," "Special"), Trenton, N. J.
 Southern Skein & Foundry Co. ("Southern Crescent"), Chattanooga, Tenn.
 Yost G. M. Mfg. Co., Meadville, Pa.

199—Anvils (Blacksmiths', Etc., Wrought)

American Wrought Anvil Co., 298 Union av, Brooklyn, N. Y.
 Columbus Anvil & Forging Co. ("American Hammer"), Columbus, O.
COLUMBUS FORGE & IRON CO. ("Trenton" Solid Wrought Iron), Columbus, O. *See adv index at end of book*
 Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.

200—Anvils (Jewelers')

Billings & Spencer Co. ("B & S," With Base), Hartford, Conn.

Fisher & Norris ("Eagle"), Trenton, N. J.
Worthington & Raymond, 47 John, New York

201—Anvils (Paper Weight)

Wrightsville Hardware Co., Wrightsville, Pa.

202—Anvils (Plow & Farm)

Columbian H'dwe Co., Cleveland, Ohio
Evansville Tool Works, Evansville, Ind.
Fisher & Norris ("Fisher"), Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Howell, W. H. Co., Geneva, Ill.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Millers Falls Co., 28 Warren, New York
Rock Island Mfg. Co. ("Rock Island" Semi-Steel), Rock Island, Ill.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

203—Anvils (Saw Makers')

Columbus Anvil & Forging Co., Columbus, O.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
Fisher & Norris, Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Potts Horace T. & Co. ("Paragon" Swedish Solid Steel), 318 N 3rd, Phila., Pa.

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

204—Apparatus for Making Rubber Stamps

Smith R. H. Mfg. Co., Springfield, Mass.

205—*Apparatus (Gymnastic)

GYMNASTIC APPARATUS and PLAYGROUND APPARATUS STEEL LOCKERS

Write for Catalogs

FRED MEDART MFG. CO.
ST. LOUIS, MO.

Narragansett Machine Co. ("Standard"), Providence, R. I.

206—*Applicators (Surgeons)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

206a—Appraisers (Factory, Etc)

American Appraisal Co., Stroh bldg, Milwaukee, Wis.
Baxter A. E. Engineering & Appraisal Co., Buffalo, N. Y.
Green Samuel M. Co., Inc., 293 Bridge, Springfield, Mass.
National Appraisal Co., 131 State, Boston, Mass.
United States Appraisals Co., 161 Summer, Boston, Mass.

207—Aprons (Advertising)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

208—Aprons (Buggy & Carriage)

Adams E. B. & Son, Racine, Wis.
Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, O.
Bayles Vehicle Top & Trimming Co. ("Perfection"), Kansas City, Mo.
Buob & Scheu, 216 Webster, Cincinnati, O.
Cretors J. B. ("Superior"), St. Paris, O.
Fairfield Rubber Co. (Storm), Fairfield, Conn.
Hettrick Mfg. Co., Toledo, Ohio
Monarch Carriage Goods Co., 2842 Spring Grove av, Cincinnati, O.
Parry Mfg. Co., Indianapolis, Ind.

Peters & Herron Dash Co., Gift & Culbertson, Columbus, O.
Racine General Mfg. Co. ("Standard" Adjustable), Racine, Wis.
Safe Storm Shield Co., Fremont, O.
Sioux City Iron Co., Sioux City, Iowa
Star Storm Front Co., Troy, O.
Vehicle Top & Supply Co. (Adjustable, "Comfort," "Interlap"), 3414 Lindell av, St. Louis, Mo.
Walter Bros., Dallas City, Ill.
Warner Pole & Top Co., 1648 Central av, Cincinnati, O.

209—Aprons (Canvas, Duck, Etc.)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
Carpenter Geo. B. & Co., 440 Wells, Chicago, Ill.
Excelsior Bag & Mfg. Co. (Carpenters'), Troy, N. Y.
Imperial Mfg. Co. (Butchers', Waiters', Carpenters', Mechanics' & Waterproof, etc), Dayton, O.
Perfection Mfg. Co., Montgomery & Lefingwell, St. Louis, Mo.
Peters & Herron Dash Co. (Carpenters'), Gift & Culbertson, Columbus, O.
Stanley Wm. W. (Canvas, Waterproof), 50 Church, New York
Willard Mfg. Co. (Carpenters' and Mechanics'), St. Albans, Vt.
Zittlosen Mfg. Co., Park & Dolinan, St. Louis, Mo.

Aprons (Carpenters')

See Aprons, Canvas, Duck, Etc.

210—Aprons (Condenser)

Norwich Belt Mfg. Co., Norwich, Conn.

211—Aprons (Flange)

Boston Belting Co. (For Ore Concentrating Machines, etc.), 84 Linden Park, Boston, Mass.

212—Aprons (Leather)

Atlantic Mfg. Co., Wilmington, Del.
California Tanning Co. ("Boss", "Dandy" Blacksmith, Lumberman, etc), 1905 Shenandoah av, St. Louis, Mo.
Coupe Wm. Co., Ltd. (Rawhide "Excelsior"), S Attleboro, Mass.
Firth Wm., 200 Devonshire, Boston, Mass.
Graton & Knight Mfg. Co. (Worsted), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hudson Belting Co. ("Sheepskin"), 3 Eaton pl, Worcester, Mass.
North Chelmsford Machine & Supply & Supply Co., North Chelmsford, Mass.
Pechin Belting Co. ("None-Such"), Fairmount & Front Phila., Pa.
Turner J. S. Mfg. Co., Lowell, Mass.

213—Aprons (Mechanics')

See also Aprons, Canvas, Duck, etc.
See also Aprons, Leather

B. E. Mfg. Co. ("Bemco"), 444 B'way, New York
Buckeye Tent & Awning Mfg. Co. (Canvas), 264 Spruce, Columbus, O.
Ferguson Waterproof Co. ("Alligator" Waterproof, Black & Army Drab), Grand & Hickory, St. Louis, Mo.
Imperial Mfg. Co. (Muslin & Duck), Dayton, O.
Specialty Mfg. Co. (Heavy Duck), St. Anthony Park, Minn.
Troy Carriage Sun Shade Co. (Duck & Twill Carpenters' & Workmen's), Troy, O.
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

214—Aprons (Mill)

See Aprons, Rubber

215—Aprons (Rain)

Imperial Mfg. Co., Dayton, O.
Kroh C. Z. Mfg. Co., Toledo, O.
Springfield Auto Top & Upholstering Co., Springfield, Mass.

216—Aprons (Rubber)

Beyerle J. J. Mfg. Co., 81 S 5th, Brooklyn, N. Y.

Boston Belting Co., 84 Linden Park, Boston, Mass.
Daval Rubber Co. ("Baxter" Cloth Lined), 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Home Rubber Co. (For Fourdrinier Paper Machines), Trenton, N. J.
Pennsylvania Rubber Co., Jeannette, Pa.
Stern Specialty Co. ("Utility"), 40 E. 22d, New York

Aqua Fortis

See Acid, Nitric

217—Aquariums (Glass)

Co-Operative Flint Glass Co., Beaver Falls, Pa.
Fiske J. W. Iron Works (Glass & Iron), 80 Park pl, New York

218—Arbors (Chuck, Lathe, Milling Machine, Etc.)

Braunsdorf-Mueller Co. (Lathe), Elizabeth, N. J.
Brown & Sharpe Mfg. Co. (Milling Mch.), Promenade, Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Cochrane-Bly Co. (Milling Mch), Rochester, N. Y.
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
Garvin Machine Co. (Milling Mch), 147 Varick, New York
Jacobs Mfg. Co. (For "Jacobs" Drill Chucks), 894 Park, Hartford, Conn. *See adv index at end of book*
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Tool Co. (Screw), Madison av & L. S. & M. S. Ry., Cleveland, O.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt Chuck Co., Frankfurt, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Skinner Chuck Co., New Britain, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Mfg. Co. ("Union"), New Britain, Conn.
Union Twist Drill Co. (Lathe, Milling Machine, etc), Athol, Mass.

219—Arbors (Saw)

See also Mandrels, Saw

American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Atkins E. C. & Co., 402 Illinois, Indianapolis, Ind.
Badger Gas & Gasoline Engine Co., Kansas City, Kan.
Chase Turbine Mfg. Co., Orange, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Crucible Steel Co. of America ("La Belle" Steel), Oliver bldg, Pittsburgh, Pa.
Curtis & Co. Mfg. Co. ("Curtis", "Dixie"), 1571 Kienlen av, St. Louis, Mo.
Deane H. C. Machine Co., Fitchburg, Mass.
Disston Henry & Sons, Tacony, Phila., Pa.
Erie Forge Co., Erie, Pa.
Glascok Stove & Mfg. Co., Greensboro, N. C.
Goodell-Pratt Co., Greenfield, Mass.
Grammes L. F. & Sons, Allentown, Pa.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hemingway Machine Co., 31st av, Lynn, Mass.
Howell R. R. & Co., Minneapolis, Minn.
National Woodworking Machine Co., Dover, N. H.
Ohlen J. & Sons Saw Mfg. Co., Columbus, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Southern Saw & Machinery Works, Atlanta, Ga.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wright Chas. E. Co., Kenilworth, N. J.

220—Arbors (Shell Reamer)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Gisholt Machine Co., Madison, Wis.
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book

McCrosky Reamer Co., Meadville, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co., Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Rogers John M. Works, Gloucester City, N. J.
Standard Tool Co., 6900 Central av, Cleveland, O.
Union Twist Drill Co., Athol, Mass.

221—Arc Deflectors & Controller Linings

Rutherford J. & Son ("Star" Deflector), Akron, O.

Arc Lamp Cord

See Cords, Trolley, Arc Lamp & Bell

222—*Arc Welders (Electric)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.

See adv index at end of book

223—Arches (Boiler)

See Brick, Boiler Arch

224—Architects

ALABAMA.

BESSEMER—Benns W. E.
BIRMINGHAM—Breeding H. D., Watts bldg
Brodie T. L. (Church Work), Jefferson Co. Bank bldg
Greene J. E. (Church Work), American Trust bldg
Gullett John D., Chamber of Commerce
Joy & Gallup, Jefferson Co. bldg
Knight Eugene H., Brown Marx bldg
La Roche E. B., Empire bldg
Maddox J. M., Chamber of Commerce bldg
Miller & Martin, Title Guarantee bldg
Price Ben, Empire bldg
Rayfield W. A., 105 1st av S
Ringer J. G., Steiner bldg
Sallie & Mewhinney, Woodward bldg
Ullman Sidney M., Chamber of Commerce
Warren W. T., Empire bldg
Welton Wm. Leslie, Am. Trust & Savings Bank bldg
Wheelock H. B., Steiner bldg
Whilldin D. O., Title Guarantee bldg
HUNTSVILLE—Love Edgar L.
MOBILE—Downey & Deegan, Van Antwerp bldg
Hayes Chas A., Terminal Sta.
Hutchison & Denham, City Bank bldg
Rogers Geo. B., Van Antwerp bldg
Slater Edward H., 2 E of Pleasant la
Wetzell John A. & Wm. H. Marsh, City Bank & Trust bldg
MONTGOMERY—Ausfeld Fred'k, Bell bldg
Gallihier C. F., Bell bldg
Lockwood Frank, 121 Adams
Okel & Cooper, Vandiver bldg
Smith & Carter, 21 Dexter av
Whaley Richard S., 103 Lewis
TUSCALOOSA — Alabama Engineering Corp.

ARIZONA.

PHOENIX—Claffin H. B.
Creighton & McDonald
Fitzhugh & Fitzhugh
Gray R. A.
Lescher & Kibbey
Marsh & Wallingford
Norton W. R.
Pheby, Geo. E.
Wallingford, V. O.
TUCSON—Bray Wm.
Jaastad Henry O.
Tobey Curtis & Co.

ARKANSAS.

FORT SMITH—Klingensmith A., Merchant's Nat'l Bank bldg
HOT SPRINGS—Beaty C. N.
Hart Frank J. W.
Horn J. G.
JONESBORO—Mitchell T. Edison

LITTLE ROCK—Almand John Parks
Blaisdell Frank M.
Dill Wm.
Duggan F. A.
Ferrell C. A.
Gibb Frank W.
Harding Thos.
Harker H. J.
Mann & Stern
Newman H. H.
Sanders T. M.
Thompson Chas. L.
Watts Charles
Weston Harry J.

PINE BLUFF—Selligman Mitchell
TEXARKANA—Moore Stewart
Witt, Seibert & Co.

CALIFORNIA.

ALAMEDA—Stenbiht Arthur
BAKERSFIELD—Biggar C. H.
Clark O. L.
Saffell J. M.
Wiseman T. B.
BERKELEY—Anderson Geo., 6046 Lawton av
Arnold Samuel, 2996 Adeline
Ford Leonard H., 2136 Center
Grove O. S., 2911 Telegraph av
Martin Eugene K., 2192 Shattuck av
Plackek Jas. W., Acheson bldg
Ratcliff W. H., Jr., 1st Nat'l Bank bldg
Thomas Jno. Hudson, 1st Nat'l Bank bldg
BISHOP—Clements G. C.
CHICO—Bryan A. J.
Cole Chester
CHULA VISTA—Fill S. M.
CORONA—Kroonen Leo (& Builder)
EAST AUBURN—Fellows Allen D.
EUREKA—Ackerman Newton
Burke E. J.
Georgeson F. T.
FRESNO—Bowen & Davis, G-McK bldg
Coates & Traver, Rowell bldg
Condrajan L. K., 1942 Kern
Felchlin R. F., Rowell bldg
Glass & Butner, Republican bldg
Hotchkin R. B., Rowell bldg
Kirby C. K., jr., 525 Fortcamp
Kump E. J., Rowell bldg
Mathewson E., Cory bldg
St. John F. E., Cory bldg
Starbuck H. F., Rowell bldg
Swartz & Swartz (& Structural Mgrs.), Rowell bldg
FULTON—Shriver J. B. (& Builder)
HOLLYWOOD—Palmer & McBurney
LONG BEACH—Anderson H. A.
Austin W. H.
Kahrs G. W.
Lindsay F. L.
Lochridge H. H.
LOS ANGELES—Acker A. L., 182 E Vernon av
Albright Harrison, Laughlin bldg
Allison & Allison, Hibernian bldg
Angel A. W., 3739 Princeton av
Arc K. N., B'way Central bldg
Architectural Designing Co., Grosse bldg
Austin J. C., 412 W 6th
Barnes A. J., 7114 Hawthorne av
Benton A. B., 114 N Spring
Bergstrom, Edwin, Cit. Nat. Bank bldg
Bixby B. B., 641 Crocker
Blecher Louis, 411 S Main
Blee John F., Union League bldg
Borgmeyer Edw. J., Stimson bldg
Bowles, H., 112 W 9th
Bradley H. S., 756 S B'way
Brown Carol H., Stimson bldg
Brown F. A., 756 S B'way
Chalmers J. W., 228 W 4th
Cline E. H., Brockman bldg
Corbett B. C., Union Oil bldg
Corwin H. G., Maine bldg
Costerisan G. F., Lankershim bldg
Creeth & Kennedy, 408 S Spring
Cross Harold, 123 S Dillon
Curllett W. & Son, Merchts. Tr. bldg
Davis W. S., 321 W 3rd
Dennis O. P., Fay bldg
De Remer & Hewitt, Title Ins. bldg
Dodd & Richards, 520 W 7th
Dorn Fred R., Marsh-Strong bldg
Dunn H. B., 210 W 7th
Eager, W. A., Story bldg
Edelman & Barnett, Black bldg
Eisen & Son, Wilcox bldg
Eldredge Geo. W., Consolidated Realty bldg
Farquhar R. D., Van Nuys bldg
Farwell Lyman, 610 S B'way

Finkenbinder C. E. (& Builder), Washington bldg
Fitzhugh Thornton (& Engineer), Story bldg
Fowler M. W., 1836 Garfield pl
Frauenfelder J. J., 610 S B'way
Garrett W. S., Currier bldg
Garrison J. H., P. O. Box 547A
Garstang Chas. E., Black bldg
Gentry Frank H., Union Oil bldg
Gerity H. S., 607 S Hill
Glidden H. W., Wright & Callender bldg
Goetze Siegfried, 6778 Hollywood blvd
Greene W. S., 6687 Hollywood blvd
Grey Elmer, Wright & Callender bldg
Grey Henry, 1312 W. 38th pl.
Gunning D., 1664 W 24th
Heinemann Arthur S., San Fernando bldg
Heinlein, Fredk, 311½ S Spring
Hemmler A. H., 524 S Spring
Hibbard & Cody, Marsh-Strong bldg
Hopkins E. L., Delta bldg
Howard G. A. Jr., Grant bldg
Hudson & Munsell, Stimson bldg
Hunt Myron, Hibernian bldg
Hunt & Brown, Laughlin bldg
Irish Hiram E., 402 S Fremont av
Janssen Otto, 765 Pyrites
Jeffery E. R., 210 W 7th
Jones Howard E., B'way Cent. bldg
Jones Leonard L., 811 E 5th
Kavanaugh J. F., Union Oil bldg
Kegley F. T., Cons. Realty bldg
Keim T. B., Haas bldg
Kelly A. R., Story bldg
Kimball H. M., 1334 Harper av
King & Taylor, Cons. Realty bldg
Kleinpell W. E., 618 Aldama Ter
Klung H. G., 160 S Virgil av
Knauer H. J., 106 W 3d
Krempel & Erkes, Henne bldg
Kunst J. E., Higgins bldg
Kysor C. H., Wright & Callender bldg
Large A. T., Central bldg
Lindley Arthur G., Hollingsworth bldg
Lourdon F. X., Merchants' Trust bldg
Marsh Norman F., B'way Central bldg
Martin A. C., Higgins bldg
Mayberry & Parker, Pac. Elec. bldg
Memler Arthur H., Lissner bldg
Montgomery & Montgomery, Merritt bldg
Morgan, Walls & Morgan, Van Nuys bldg
Needham P. A., Brockman bldg
Neher O. H., Garland bldg
Nevatt G. H., 220 W 5th
Nicholson J. B., Wright & Callender bldg
Noonan Fred'k, 752 S B'way
Norton S. Tilden, Title Ins. bldg
Nourse C., Story bldg
Orr Robt. H., Van Nuys bldg
Pape P. C., Consolidated Realty bldg
Parcher E. P., 6719 Hollywood blvd
Pardee Geo. M., 427 W 5th
Parkinson John, Security bldg
Patterson H. M., O. T. Johnson bldg
Pennell W. C., 412 W 6th
Peoples & Cheney, Haas bldg
Peters F. H., 129 W 3d
Pierpont Francis, 321 W 3d
Pitzer C. C., 210 W 7th
Priest A. F., 326 W 3d
Power T. F., Higgins bldg
Quintin Scott, 2655 N Griffin av
Rea Alfred W., Black bldg
Reeves H. Alban, Cham. of Com. bldg
Reid Bros., 129 W 3d
Reif Anton, Higgins bldg
Rittenhouse C. C., Wilcox bldg
Roehrig Frederick L., Am. Bank bldg
Rosenheim Alfred F., H. W. Hellman bldg
Rosenthal A. B., 126 W 3d
Russell C. H., Story bldg
Salveter H. D., Central bldg
Saunders W. J., Laughlin bldg
Schabarum P. C., 756 S B'way
Seehorn I. H., 328 Clay
Shattuck C. E., Mason bldg
Skilling C. F., 740 S B'way
Smith J. C., Hellman bldg
Snell Frank S., 2214 W 14th
Soper F. J., 610 S B'way
Stibolt A. Henry, 220 Bonnie Brae (& at San Diego)
Stiff Frank L., Grosse bldg
Stillwell E. W. & Co., Henne bldg
Sturges A. B., Story bldg
Taylor E. C., Haas bldg
Taylor R. M., 112 W. 9th

Thompson W. F., 971 S Westmoreland av
 Thorne, Edwin C., 321 W 3d
 Train & Williams, Exchange bldg
 Tyler Frank M., Black bldg
 Valk L. B. & A. L., Stimson blk
 Van Trees P. J., 210 W 7th
 Voelkel G. E., 847 E 20th
 Wackerbarth August, 202 N Main
 Walker & Vawter, Hibernian bldg
 Warn Montrose, 3126 Winter
 Warner O. M., Stimson bldg
 Watson L. F., 321 W 3d
 Webber Walter, Ferguson bldg
 Wells R. H. (A. T. & S. Fe Ry. Co.) Kerckhoff bldg
 Weston R. D., 130 S B'way
 Wilson Henry L., 608 S B'way
 Withey Henry F., Van Nuys bldg
 Wright Parker O. Jr., Security bldg
 Wyman G. H., Henne bldg
 Young F. W., Lankershim bldg
 Zeller J. T., Currier bldg
MERCED—Cowell & Bedeson
MODESTO—Mourot Julien, 812 15th
MONTEREY—Butterworth T. C.
NAPA—Corlett W. H. (& bldr)
 Turton L. M.
OAKLAND—Allen Harris, Central Bank bldg
 Barton C. B., 1st Trust & S. B. bldg
 Burrell Clay N., Albany bldg
 Cannon E. W., Central Bk bldg
 Dickey C. W. & Donovan, John J., 414 13th
 Dixon W. W., 1844 5th av
 Hyde L. F., 2745 26th av
 Judson W. H., 1121 Washington
 Knowles Wm., Central Bank bldg
 McCall C. W., Central Bank bldg
 Mathews W. J., 969 B'way
 Mau Chas., Macdonough bldg
 Miller Chester H., 1st Sav. Bk bldg
 Milwain Bros., Albany bldg
 Newsom J. Cather, 1422 B'way
 Ratcliffe W. H. Jr., 1st Nat'l Bk bldg
 Reed & Corlett, Oak. Bk of Sav
 Reid Francis W., 1725 6th av
 Schetzel M. P., Blake & Moffit bldg
 Smith A. W., 1004 B'way
 Soderberg Fred, 1st Nat'l Bk bldg
 Voorhees F. D., Central Bank bldg
 Wilde Wm., 1725 B'way
 Wythe W. J., Central Bank bldg
ORANGE—Bradshaw C. B.
PASADENA—Blick Jos. J.
 Buchanan & Brockway
 Driscoll Chas. F.
 Frohman & Martin
 Greene & Greene
 Hillman J. Constantine
 Hobbs Raymond
 Johnson Reginald D.
 Marston & Van Pelt
 Millar Louis du P.
 Palmer F. E.
PETALUMA—Jones Brainerd
POMONA—Higgs P. F.
 Wolfe Chas. E.
PORTERVILLE—Griffin F. W.
 Rimmel B. E.
REDDING—Dakin C. C.
REDLANDS—Harris F. T.
 Hodson F. Garvin
RICHMOND—Claudius Chas. W.
 Narbett J. F.
 Ogborn J. B.
RIVERSIDE—Pillar S. L.
 Waldman L. C.
SACRAMENTO—Campbell Alden W., 34th J
 Cuff C. C., Ochsner bldg
 Foale F. A. S., Ochsner bldg
 Hemmings E. C., 1203 J
 Herold P. J., Forum bldg
 Herold R. A., Forum bldg
 McCullough Jas. A., 1631 M
 Schardin F. H., Forum bldg
 Seadler Jas., Forum bldg
 Sellon Geo. C., 1005 K
 Woollett & Woollett, Physicians bldg
SALINAS—Barker Clarence G.
SAN BERNARDINO—Beimer Anthony
 Bruner, C. C.
 Griggs G. W.
SAN DIEGO—Albright Harrison, 121 B'way
 Alderson Roy, 1131 11th
 Allen F. P., Jr., Watts bldg
 Decker C. E., 520 East
 Douglas & Hartman, Timken bldg
 Flanders J. E., 1320 Puterbaugh
 Gay Henry Lord, McNeece bldg
 Gill & Gill, 752 5th
 Halé Perley, 121 B'way
 Hanssen Gustav A., 2030 29th

Hebbard Will Sterling, Grant bldg
 Hoffman Eugene M., Spreckles bldg
 Holmes D. H., Timken bldg
 Jefferson & Thomas, McNeece bldg
 Johnson W. Templeton, Timken bldg
 Keller Walter S., Timken bldg
 Kennedy S. G., 4070 Eagle
 Kistner Theodore C., Am. Nat'l Bank bldg
 Kruegl Chas., 1133 27th
 Lyman J. B., Jr., 861 6th
 Mead & Requa, 6th & B
 Quayle Bros. & Cressey, 121 B'way
 Siebert J. S., 1520 6th
 Wallace F. H., 520 26th
 Weaver E. B., 500 26th
 Wheeler & Halley, Union bldg
 Winslow C. M., 1025 4th
 Woodard J. Carlton, 4102 Ibis
SAN FRANCISCO—Allen Glenn, 216 Eddy
 Antonovich Emil P., Monadnock bldg
 Applegarth G. A., Claus Spreckels bldg
 Armitage Wm. H., 417 Montgomery
 Ashcroft G. B., Balboa bldg
 Austin & Sanford, Hearst bldg
 Bakewell & Brown, 251 Kearney
 Banks W. O., 2325 Larkin
 Barnett A. J., 77 College av
 Barrett Chas. H., 381 Bush
 Barth Herman, 12 Geary
 Baumann H. C., 251 Kearny
 Baur Jno., Sharon bldg
 Beuttler John F., Phelan bldg
 Blaisdell Nathaniel, 255 California
 Bliss & Faville, Balboa bldg
 Blohme J. Harry, Alaska Com'l bldg
 Boese Frederick D., Call bldg
 Bolles Edw. G., 660 Market
 Bonestell C. K., Jr., Monadnock bldg
 Branner John K., 519 California
 Bruce Morris M., Flood bldg
 Buckel Chas 3149 Mission
 Bugbee Arthur S., Hearst bldg
 Bugbee Maxwell G., 619 Washington
 Burgren Albert W., 30 Woodland av
 Cantin A. A., 68 Post
 Carey Jno. W., Mer. Nat'l B'k bldg
 Castelhun N., 1078 Valencia
 Cheney Chas H., Crocker bldg
 Clausen Chas. O., Hearst bldg
 Coleman David C., Merchants National Bank bldg
 Colley Chas. J., Pacific bldg
 Colmesnil Geo. de., Lick bldg
 Cornelius A. W., Merchants National Bank bldg
 Coulter Norman R., 46 Kearney
 Coxhead & Coxhead, Hearst bldg
 Crim W. H. Jr., 425 Kearney
 Cunningham & Politeo, First National Bank bldg
 Curlett Wm. & Son, Phelan bldg
 Cuthbertson W. J., 328 Montgomery
 Day Clinton, 14 Montgomery
 De Martini Paul F., 2123 Powell
 Denke A. Reinhold, Nevada Bk bldg
 Denke E. H., 1317 Hyde
 Devlin Chas J. I., Pacific bldg
 Devlin Leo J., Pacific bldg
 Dolliver J. W., 201 Sansome
 Dunn Jas. F., Monadnock bldg
 Dutton L. B. & Co., Chronicle bldg
 Edwards & Norberg, Phelan bldg
 Ettler Jno. A., 604 Mission
 Evans Oscar E. & Co., 2367 Mission
 Everett Oliver, 1940 Webster
 Fabre & Bearwald, Merchants National Bank bldg
 Falch & Knoll, Hearst bldg
 Fairweather J. Stewart, Balboa bldg
 Fantoni Chas., 916 Kearney
 Farr Albert, 68 Post
 Flugger Jno. C., 766 Second av
 Foley John J., 46 Kearney
 Foulkes Edw. T., Crocker bldg
 Freeman J. Eugene, Kohl bldg
 Garden Edw G., Phelan bldg
 Gardner Louis M., Phelan bldg
 Geilfuss H. & Son, 46 Kearny
 Godart Jules, 328 Montgomery
 Gottschalk Chas E., Phelan bldg
 Gutterson Henry H., 278 Post
 Haber C. A., Monadnock bldg
 Harris Harvey E., Monadnock bldg
 Hatch John D., Humboldt Bank bldg
 Hays Wm. C., First Nat. Bk. bldg
 Headman Aug. G., New Call bldg
 Heffernan & Mattanovich, Hewes bldg
 Heide A. F., Russ bldg
 Heiman & Schwartz, Nevada Bk bldg
 Helms Edward F., 5th av & California
 Hermann E. A., 2567 A. Mission
 Hildebrand E. H., Crocker bldg
 Hind W. G., 46 Kearny
 Hirschfeld Benjamin S., 251 Kearny

Hladik J. C., Monadnock bldg
 Hobart Lewis P., Crocker bldg
 Hodges Charles E., Bankers Invst. bldg
 Holland Frank S., 100 Haight
 Howard Jno. G., 604 Mission
 Jacobs Alfred Henry, 110 Sutter
 Jewett Grace, 58 Sutter
 Joseph B. J., 74 New Montgomery
 Kaiser Chas. S., Mech. Inst. bldg
 Kelham Geo. W., Sharon bldg
 Kincaid Geo. F., Hearst bldg
 Knelling A., Union Trust bldg
 Knowles Wm., Hearst bldg
 Koenig William, 1106 Cabrillo
 Koenig & Christiansen, Humboldt Bk bldg
 Krafft & Sons, Phelan bldg
 Laib Arthur J., Russ bldg
 Lansburgh G. Albert, 709 Mission
 Lapachet A. L., 110 Sutter
 Lemme E. S., 337 7th av
 Lenzen Theo. W., Humboldt Bank bldg
 Lichtenstein Milton, 111 Ellis
 Lofquist Jno. O., 742 Market
 Lowe Willis C., Crocker bldg
 Lutgens Adolph C., 525 Market
 McDonald Kenneth, Sr., Call bldg
 McDougall Benj. G., Sheldon bldg
 McDougall Bros., Russ bldg
 McManus Edw. C., Bankers Inv. bldg
 McNally C. S., 46 Kearney
 MacDonald & MacDonald, 58 Sutter
 Maggs Herbert B., 125 Alpine ter
 Martens & Coffey, Humboldt Bk. bldg
 Mastropasqua Louis, 580 Washington
 Mathews Edgar A., 251 Post
 Maybeck, Howard & White, Lick bldg
 Meussdorffer Conrad A., Humboldt Bank bldg
 Meyer Fred. H., Bankers Investment bldg
 Meyers Henry H., Kohl bldg
 Miller C. H., Foxcroft bldg
 Miller J. R., Lick bldg
 Miller, W. J., 417 Market
 Minton, Henry A., 3480 Clay
 Mitchell W. Garden, Bankers Investment bldg
 Monges H. B., Hobart bldg
 Mooser Wm., Nevada Bank bldg
 Morgan Julia (Miss), Merchants' Ex. bldg
 Morrow & Garren, Chronicle bldg
 Mullgardt Louis C., Chronicle bldg
 Murdock Hamilton, 425 Kearney
 Neumarkel E. A., Sharon bldg
 Newman W. A., 7th & Mission
 Newsom Sidney B. & Noble, Nevada Bank bldg
 Nordin August, Mills bldg
 O'Brien Bros., 240 Montgomery
 O'Brien Matthew, Foxcroft bldg
 O'Brien Smith, Humboldt Bank bldg
 Osborn Harris, Hearst bldg
 Oser Bros., 165 Post
 Paff Chas. & Co., Sansome
 Parker Walter, 12 Geary
 Patterson Daniel J., 46 Kearny
 Pattiani A. W., 625 Market
 Perry W. C., 604 Mission
 Polk Willis & Co., Hobart bldg
 Porparato Jno. A., 619 Washington
 Powers Jno. H., 460 Montgomery
 Raiguel W. O., 604 Mission
 Reid Bros., California Pacific bldg
 Reid Jno. Jr., 1st Nat. Bk. bldg
 Richardson, A. W., 941 Church
 Righetti P., Phelan bldg
 Rixford Loring P., Sharon bldg
 Rogers Chas. E. J., Phelan bldg
 Ross Thos. Patterson, 310 California
 Rousseau A. F. & C. M., Monadnock bldg
 Rousseau Chas. J., Maskey bldg
 Rousseau & Rousseau, 110 Sutter
 Sawyer Houghton, Shreve bldg
 Schastey Geo. A., 681 Market
 Schnaitcher Sylvan, 233 Post
 Scholz Arthur G., Phelan bldg
 Schroepfer Albert, Foxcraft bldg
 Schumacher Edw. A., Nevada Bank bldg
 Scott Earl B., Humboldt Bank bldg
 Sexton Norman H. Co., Chronicle bldg
 Shea Wm. D., 244 Kearny
 Shea & Lofquist, 742 Market
 Shermund Henry, Mills bldg
 Skidmore Harry, Hearst bldg
 Smith Henry C., Humboldt Bank bldg
 Smith & Stewart, 244 Kearny
 Spangler Fay R., Rialto bldg
 Swain Clarkson, 519 California
 Symmes Edwin J., Pacific bldg
 Tantau Clarence A., 519 California

Thayer O. R., 20 Montgomery
Toepke Will H., 46 Kearny
Traphagen O. G., 244 California
Traverso Louis, 854 Union
Upton Louis M., 111 Ellis
Vogel Edward J., 2335 Pacific av
Ward & Blohme, Alaska Comm'l bldg
Weeks & O'Day, Mutual Bk. bldg
Weeks Wm. H., 75 Post
Weismann L. M. & Son, Pacific bldg
Welsh & Carey, Merchants National Bank bldg

Werner Carl, Phelan bldg
Whittlesey Charles F., Haight & Clayton

Wood Fred B., 2237 Steiner
Wood & Simpson, 110 Sutter
Wright & Rushforth, 354 Pine
Young Edw. E., 251 Kearny
Zanolini Italo, 604 Montgomery

SAN JOSE—Aiken Fred, Theatre bldg
Binder Wm., Rea bldg
Lenzen Louis T., 110 S 2d
McKenzie Charles S., Bank of San Jose bldg

Page Geo. W., Rea bldg
Phillips W. C., 158 Pierce av
Skillings Warren, Garden City Bank bldg

Wolfe F. D., Anzerals bldg

SAN RAFAEL—Schlosser Henry

SANTA ANA—Eley Frederick H.

SANTA BARBARA—Ray Russel

Soule Winsor, 1206 State

Wilson Francis W.

SANTA CLARA—Higgins Wm. E.

SANTA CRUZ—Van Cleec E. L.

SANTA MONICA—Cross C. C. & Son

SANTA ROSA—Cowles Louis

STOCKTON—Brown E. B.

King Walter

Losekann Joseph

Morrell R. P.

Sala & Mayo

Thomas W. B.

Young & Jeffery

UPLAND—Greenleaf E. T.

VALLEJO—Jones W. A.

VISALIA—Weaver Morve L.

COLORADO.

BOULDER—Saunders Arthur E.

COLORADO SPRINGS—Barber, T. P., 1st Nat'l Bank bldg

Bisco M. B., Hagerman bldg

Carrothers Bros., 17 W 1st

Hetherington T. D., Gazette bldg

MacLaren & Thomas, Hagerman bldg

Pease L. A., Independence bldg

Robson F. C., Hagerman bldg

Van der Arend Nicholas, Hagerman bldg

DENVER—Anthony H. P., 1420 Clarkson

Baerresen Bros., Cham. Comm. bldg

Benedict J. B., Central Savings Bk. bldg

Bettcher George L., Empire bldg

Biscoe M. B., Exchange bldg

Bowman W. N., Central Savings Bank

Child W. T., Evans blk

Cowe Wm., Mack blk

Desjardins Co., Majestic bldg

Edbrooke H. W. J., Opera House blk

Edwards W. Harry, Boston bldg

Falks M. S. Architect Co., Ideal bldg

Fisher Wm. E. & Arthur A., Century bldg

Gates Charles M., Ideal bldg

Gove & Walsh, Boston bldg

Groves Eugene G., Gas & Elec. bldg

Harnois F. Louis, 100 E 16th av

Harvey Geo. F., Jr., Commonwealth bldg

Huddart John J., Bank blk

Huntington G. W. Architect Co., McPhee bldg

Hyder Jas. B., 1609 Franklin

McIntyre T. W., Cooper bldg

Manning & Frewen, Majestic bldg

Marean & Norton, Ch. of Com. bldg

Mountjoy & French, Ch. of Com. bldg

Phillips Richard, Jacobson bldg

Pierce R. A., Century bldg

Redding Wm. & Son, Opera Hse bldg

Reynolds A. W., Majestic bldg

Robertson Guy B., Majestic bldg

Roeschlaub & Fuller, Foster bldg

Varian & Varian, Gas & Elec. bldg

Westfall W. J., Colorado bldg

Williamson Geo. H., Majestic bldg

Willison Robert, E. & C. bldg

ESTES PARK—Rogers H. C.

FORT COLLINS—Fuller M. W.

GRAND JUNCTION—Jenkins, Branscombe & Romberg (& Engineers)

GREELEY—Wetzel J. A.

LONGMONT—Viney B. C.

MONTROSE—Antrobus John H.

NEW WINDSOR—Felmlee Oscar R.

PUEBLO—Cooper Francis W.

Gile J. M.

Roe Geo. W.

Stickney W. W.

SALIDA—Paxson J. S.

TRINIDAD—Rapp I. H. & W. M. & Hendrickson A. C.

CONNECTICUT.

BRIDGEPORT—Asheim Leonard, 211 State

Baron Carol F., 1365 Pembroke

Beardsley C. T., 601 Colorado av

Beckwith F. H., P. O. Arcade

Bridge Lucius L., 1024 Main

Briggs & Caldwell, Security bldg

Cooper F. A., Conn. Nat'l Bank bldg

Davis & Dane, 1024 Main

Doehrer Bernhardt, 15 Fairfield av

Haynes L., 83 Fairfield av

Kelley Thos. F., 107 Wall

Meloy A. S., P. O. Arcade

Northrop Jos. W., Court Ex. bldg

Rubino A. Francis, Warner bldg

Schmidt William, 1188 Main

Skinner & Walker, 1188 Main

Southey Ernest G., 983 Broad

BRISTOL—Sperry & Buell

Stewart C. W.

DANBURY—Blackman W. B.

Foster Bros. (& Builders)

Sunderland Philip N.

DERBY—Reilly Dennis E.

EAST HADDAM—Morgan Geo. W.

FAIRFIELD—Kelley Charles H. (& Civil Engineer)

GREENWICH—Anthony Daniel

Smith F. G. C.

HARTFORD—Allen Geo. B. (Mill Architect), 193 Ashley

Allen Isaac A., Jr., 904 Main

Barker Russell F., 43 Ann

Berenson & Moses, 904 Main

Boker Raymond F., 49 Pearl

Bungalow Construction Co. (& Bldrs), 1026 Main

Clark Burton S., 747 Main

Collins Horace B., 49 Pearl

Davis & Brooks, cor Lewis & Gold

Ellis A. Raymond, 36 Pearl

Guerriere Daniel A., 647 Main

Hapgood Edw. T., 36 Pearl

Johnson & Burns, 26 State

Keller Geo., 24 Park Terrace

Marchant Wm. T., 36 Pearl

Marchetti J. E., 756 Main

Ruddell Geo. B., 721 Main

Scoville William H., 720 Main

Sellew B. A., 756 Main

Smith & Bassette, 36 Pearl

Stone E. M., 327 Trumbull

Walz F. C., 118 Asylum

Waterman Francis E., 36 Pearl

Whitmore Chas. O., 75 Pratt

Whiton & McMahon, 36 Pearl

Zunner Geo., 756 Main

MERIDEN—Bloomfield David

Donovan Walter A.

McLaughlin Wm. F.

Orr & Booth

MIDDLETOWN—Griswold Geo.

Kieft Charles, 9 Pike pl

MYSTIC—Rathbone John S.

NAUGATUCK—Clark F. Alton

NEW BRITAIN—Cadwell Wm. H.

Crabtree Walter P.

McCarthy John J.

Oldershaw F. H. & L. A.

Palmer Clarence C.

Slater Frank

Sundstrom, David L.

Unkelbach & Perry

NEW CANAAN—Elwood Robt.

NEW HAVEN—Allen Wm. H., 82 Church

Brown Frank E., 47 Orange

Brown & Von Beren, 185 Church

D'Avino & Marchetti 42 Church

Doherty Timothy F., 347 Poplar

Fabian Robert W., 33 Eld

Foot R. W., 185 Church

Fulton George, Jr., 191 Church

Griffiths Harry, 185 Church

Joy Chas. E., 113 Church

Julianelle & Abramowitz, 42 Church

Loth Herman W., 42 Church

Murphy & Dana, 829 Chapel

Nichols Geo., 34 Lynwood pl.

Palmer C. S., 191 Church

Richards B. F., 65 Main

Robinson Leoni W., 42 Church

Schulz Carl, 67 Gregory

Sellers Philip (Mill Arch. & Engr.), 207 Orange

Shiner & Appel, 185 Church

Townsend C. F., 129 Church

Weinstein Jacob, 6 Church

Williams Richard, 185 Church

NEW LONDON—Conway Eugene

Donnelly D. St. C.

Payne & Adams

Sweeney James

NEW MILFORD—Rowe Frank E.

NORWALK—(See South Norwalk)

NORWICH—Cudworth & Thompson

Hiscox Jas. A.

Pitcher Geo. E.

PUTNAM—Corbin E. M.

ROCKVILLE—McCray J. Henry

SOUTH NORWALK—Bedient Ralph G.

Finlayson & Fanning

Hoyt Dudley E.

Maring Herman

Minor Henry B.

Morehouse Ferris S.

Paddock A. N.

STAFFORD SPRINGS—Tinker, Clifford A.

STAMFORD—Anderson Clais

Emmens & Abbott

McRedmond, Wm. H.

Marvin Henry

Stadel G. & Co.

TORRINGTON—Hunt, Wm. E.

Rocheter Theodore Arnold

Waterbury Edwin H.

Workman Wilburn

WALLINGFORD—Becroft Wm. E.

WATERBURY—Bailey Chas. J., 63 Bank

Benedict E. E., 51 Leavenworth

Buckingham Jerome W., 136 Griggs

Freny & Jackson, 51 Leavenworth

Griggs Wilfred E., 111 W. Main

Ketchen-Wilder, 36 N Main

Peck Theo. B., 65 Bank

Smith Joseph T., 36 N Main

Tyler & Duhalme, 95 Bank

Walsh Louis A., 51 Leavenworth

WEST HAVEN—Richards B. F., 65 Main

WILLIMANTIC—Sharpe A. R.

DELAWARE.

DOVER—Hiron J. A.

GEORGETOWN—Jones Charles R.

WILMINGTON—Brinckloe & Co., 5th & Shipley

Brown & Whiteside, Du Pont bldg

Cloud Newton H., 1802 Mt. Salem Lane

Crawford Leon W., Odd Fellows Hall

Dallett E. James, Equitable bldg

Hance Wallace E., Equitable bldg

Kennedy John J., Ford bldg

May Edward C., Du Pont bldg

Rhodes A. Edward, Masonic Temple

Rice Edw. L. Jr. Co., 815 Market

Rogers Laussat R., 911 Market

Thompson Jno. D., Jr., Ford bldg

Tindall Roscoe C., Equitable bldg

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Boal Theodore Davis, 1725 N. W.

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Brown Ward, 1725 H., N. W.

Buckingham Newell, Corcoran bldg

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 Keferstein Carl B., Stoneleigh Court
 Kendall & Smith, Southern bldg
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 Milburn, Heister & Co., Union Sav. Bk
 bldg
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 Mindeleff, Victor, 3900 Tunlow rd
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 Norris Lemuel, 1441 U, N W
 Palmer Wm. J., Warder bldg
 Peaslee Horace W., 808 17th, N W
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 Tr. bldg
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 Plager Wm. S., 2115 Kearney, N E
 Poole T. H. & Co., Colorado bldg
 Pyle Fred'k B., Evans bldg
 Ray, Geo. N., 1410 H, N W
 Ray Geo. N., 1211 Connecticut av, N W
 Rose, Clarence T., Corcoran bldg
 Russell Lewis H., 3916 N. H. av, N W
 Santmyers Geo. T., 921½ N. Y. av,
 N W
 Serviss Jean R., 497 Blair rd., N W
 Schneider Ferd. T., 1314 F, N W
 Simmons B. Stanley, 1340 N. Y. av
 N W
 Simmons Francis A., Corcoran bldg
 Simons Edgar P., 814 R. I. av, N W
 Smith Marshall J., Colorado bldg
 Sohl J. E. W., 1901 K, N W
 Sonnemann Alex. H., 1334 H, N W
 Speiden & Speiden, 1403 N. Y. av
 N W
 Stead Robert, 904 F, N W
 Sunderland Erskin M., 331 C, N W
 Talbott Wm. R., 1314 F, N W
 Tepper & Diamond (& Builders), 504
 E, N W
 Totten G. Oakley Jr., 808 17th, N W
 Turner Samuel R., 807 Mt. Vernon pl.,
 N W
 Tyrell John Boardman, 1910 8th, N W
 Upman Frank, Woodward bldg
 Vaughn Merrill T. (Woodridge, D. C.)
 Vaughn W. A., Barrister bldg
 Vogt Oscar G., Corcoran bldg
 Waggaman, Clark & Eugene, 1211
 Connecticut av, N W
 Wagner Wm. F., 1330 13th, N W
 Webb C. Edgar, 237 R J av, N W
 Wenig Julius, 721 10th, N W
 West Claughton, 1416 Chapin, N W
 Wetmore, J. A. (Acting Supervising
 Architect), Treasury bldg
 Wheat L. P., Jr., 808 17th, N W
 Wilson & Pirl, Wash. Ln. & Tr. bldg
 Winbigler Cecil M., The Cairo
 Wood Waddy B., 816 Conn. av, N W
 Wyeth Nathan C., 1517 H, N W

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 Hamilton Sargent Co.
 DAYTONA—Espedahl Jacob
 JACKSONVILLE—Benjamin R. A., Bisbee
 bldg
 Camp W. B., Chamber of Commerce
 bldg
 Dozier Miss H. C.
 Greeley, Mellen Clark, Baldwin bldg
 Hammond W. G., 1 E of MacDuff av
 Holmes Rutledge, Duval bldg
 Holmes & Ehmann, 135 E Bay
 Klutho H. J., St. James bldg
 Lankford J. A., 1863 Pearce
 Mark & Sheftall, Clark bldg
 Marsh W. M., St. James bldg
 Niederhauser C. P., St. James bldg.
 Opdike F. W., Bisbee bldg
 Streeter C. F., West bldg
 Talley & Summer Co., St. James bldg
 Tally W. B., Cohen bldg
 Walsh J. R., 2131 Park
 LAKE LAND—Bryan & Potett
 LEESBURG—Carr W. H.
 LEMON CITY—Pfeiffer Geo. L.

MIAMI—De Garmo Walter C.
 Geiger A. C.
 La Pointe Henry
 Lewis A. E.
 Mundy H. H.
 Nolan E. A.
 Pfeiffer G.
 Sculthorpe John H.
 Ocala—MacKay Geo.
 ORLANDO—Hutton L. Percival
 King Murry S.
 PENSACOLA—Alfred W. W.
 Frederick W. C.
 Welch S. J.
 Willis W. D.
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 Henderich F. A.
 ST. PETERSBURG—Benjamin M. E.
 Dupont Henry H. & Co.
 Ferdon & Feltham
 McClarren S. T.
 Stuart G. W.
 SARASTOA—Hall Harold
 TAMPA—Biggar John W. (West Tampa)
 Biggers W. R.
 Bond G. H.
 Bonfoey & Elliott
 Curtis & Adams
 Fort & Parslow
 Hagy D. F.
 James Fred J.
 Johnson A. H.
 Kennard Francis J.
 Mugge A. B.
 Shaw A. L.
 Walker D. C.
 WEST TAMPA—Biggar J. W.

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 Battle J. C., Grant bldg
 Bell Wm. L., 33 Rock
 Bleckley Haralson, 3d Nat'l Bank
 bldg
 Brown A. Ten Eyck, Realty Tr. bldg
 Brown F. W., Forsyth bldg
 Canton A. N., Candler bldg
 Canton Norman, Hurt bldg
 Carpenter R. H., 194 Rawson
 Chapman H. K., Candler bldg
 Chase Wm. J. J., Candler bldg
 Cooke E. B., 140 Peachtree
 Dallis P. A. Co. (Mill Arch. & Engr.),
 Candler bldg
 Dougherty E. E., Candler bldg
 Downing W. T., Grant bldg
 Edwards & Sayward, Candler bldg
 Everett A. F. N., Grand bldg
 Frazier C. E., Candler bldg
 Hammond Horace B., Candler bldg
 Hentz, Reid & Adler, Candler bldg
 Hill Lodowick J., Jr. (& Engr.), At-
 lanta Nat. Bk. bldg
 Hopson Chas. H., Healey bldg
 Lockwood, Greene & Co., Healey bldg
 MacEachron J. R. & Co., Candler
 bldg
 Mayre P. Thornton, Candler bldg
 Morgan & Dillon, Grant bldg
 Morris M. F., Atlanta Nat'l Bank bldg
 Murphy Geo. E., Candler bldg
 Offerman Joseph W., 364 Haynes
 Peppers H. D. & L. W., 3rd Nat. Bank
 bldg
 Powell W. C., Candler bldg
 Robinson Arthur N., Candler bldg
 Seiz E. C., 10½ Auburn av
 Trowbridge S. D., Grant bldg
 Wachendorff E. C., Empire bldg
 Wagener Fritz, 4th Nat. Bk. bldg
 Walker & Chase, Candler bldg
 Wilburn Miss L. R., Peters bldg
 AUGUSTA—Benson & Andrews
 Campbell Thos. M.
 Goodrich & Clark
 Preacher G. L.
 Scroggs Philander P
 Story J. B.
 Wendell & Robertson
 BRUNSWICK—Anderson Wm. C.
 COLUMBUS—Hickman C. F.
 Kelly H. M., Broad & 5th
 Lockwood T. F.
 Smith T. W. & E. O.
 GAINESVILLE—Moorefield J. Frank.
 MACON—Blair Alexander
 Dennis P. E.
 Ellis C. R.
 Happ & Shelverton
 Nisbet, Brown & Dunwody
 Persley L. H.
 ROME—Rawlins H. A., 3 E 3rd av
 Smith Hine

SAVANNAH—Crutchfield I. P. (& Bldr),
 102 Congress, E
 Drummond E. L., 16 Bryan
 Kops J. deBruyn, 47 Drayton
 Levy & Clarke, Germania bldg
 Nevitt John J., 21 Bay
 Snedeker J. Vorhees Jr., 123 Bull
 Sugden Percy, Merchants' Nat. Bank
 bldg
 Urban Henry, 908 Price
 Wallin Henrik, 23 Abercorn
 Witcover H. W., Nat. Bank bldg
 Young E. Warren, American Bank &
 Trust bldg
 VALDOSTA—Greer Lloyd
 WASHINGTON—Chafin J. B.

HAWAII.

HONOLULU—Emory & Webb
 Kerr H. L.
 Newcomb E. A. P.
 Ripley & Davis

IDAHO.

BOISE—Kaufman C. R.
 Tourtellotte & Hummel
 Visser Jos.
 Wayland & Fennell
 BURLEY—See John W.
 CALDWELL—Soule Thomas H.
 COEUR D'ALENE—Williams & Williams
 IDAHO FALLS—Dill John W.
 Earl Lancelot M., Jr.
 Fisher & Aitken
 Fretwell & Winburn
 McGrew & Soderlund
 KELLOGG—Helbstad H. K.
 LEWISTON—Epling Emery
 Loring Ralph S.
 Nave J. H.
 MONTPELIER—Robinson J. T.
 MOSCOW—Anthony J. J.
 Richardson C.
 NAMPA—Dutcher Ogden
 PAYETTE—Walker J. R.
 POCATELLO—Boyer & Rogers
 Grundfor M.
 McSweeney A. McF.
 Onderdonk C. B.
 Paradise Frank H. Jr.
 REXBURG—Sundberg & Sundberg
 ST. ANTHONY—McGrew F. L.
 Tomaselli Louis
 TWIN FALLS—Gates Ernest H.
 Morse Burton E.
 Nesbitt B. Morgan
 WEISER—Bond H. W.
 Felker L. J.

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ALTON—Maupin Jas. M., Commercial
 bldg
 Pfeifferberger L. & Son, 102 W 3rd
 Stelle Oliver G., Leaverett bldg
 ANNAWAN—Hay Mark
 ATKINSON—Chapler Elijah C.
 AURORA—Holden B. E., Main
 Malmer Eugene, 73 Fox
 Worst & Shepardson, 344 Coulter blk
 AUSTIN—Floto Julius
 BLOOMINGTON—Miller Geo. H.
 Moratz Arthur F.
 Pillsbury Arthur L.
 Simmons Aaron T.
 CAIRO—Kusener Casper, 804 Commer-
 cial av
 CARBONDALE—Thompson, Thos. S.
 CARTHAGE—Payne Geo. W. & Son
 CHAMPAIGN—Clark Chas. R.
 Earhart, Chas.
 Hubbard Archie H.
 Kratz, E. V.
 Pankow, C. J.
 Ramey, G. E.
 Spencer N. S. & Son
 Temple Harry R.
 Vredenberg Hachaliah
 CHARLESTON—Mitchell Chas. D., Mitch-
 ell bldg
 CHICAGO—Abbott Frank B., 140 S. Dear-
 born
 Adler Abraham K., McCormick bldg
 Ahlschlaeger John & Son, 111 W Wash
 Almquist Carl M., 35 S. Dearborn
 Alschuler Alfred S., 28 E Jackson bl
 Anderson Helga A., 5 N La Salle
 Anderson Pierce, Railway Exchange
 Andresen Theodore, 643 Barry av
 Angell Arnold A., 302 S Kildare av
 Anis Albert, Ashland Bldg
 Anson Carl T., 2011 Seminary av
 Armstrong Jno. A., 10 S La Salle
 Aroner J., 139 N Clark

Ashby, Ashby & Schulze, 178 Jackson blvd
 Awsumb Geo., 189 W Madison
 Ayars Chas. R., 184 W Washington
 Baker Cecil F., 30 N Michigan av
 Baker Frank S., 133 W Washington
 Bannister Geo. S., 115 S Dearborn
 Barfield Wm. G., 58 W Washington
 Barnes Julian, 332 S La Salle
 Barrett Fred L., 910 S Michigan av
 Barthel Bernard, 127 N Dearborn
 Barton Francis M. Co., 237 S 5th av
 Beaumont George, 25 N Dearborn
 Beers Herbert P., 38 S Dearborn
 Behel Vernon W., 25 N Dearborn
 Beiler Henry P., 3166 Lincoln av
 Beman Spencer S., 332 S Michigan av
 Bennett Edw. H., Railway Exchange
 Bennett Wm. Arthur, 19 S La Salle
 Benson Edw., 118 N La Salle
 Berlin Robert C., 19 S La Salle
 Bernhard Wilhelm, 64 W Randolph
 Bishop Thos. R., 35 S Dearborn
 Blondin Edward A., 4 W Garfield blvd
 Borst Geo. H., 69 W Washington
 Bouchard Louis C., 64 W Randolph
 Bowen Howard, 30 N La Salle
 Brabant Frank J. E., 901 Wrightwood av
 Brabant Gifford, 333 S Dearborn
 Brandner L. T. (care Armour & Co.), U. S. Yards
 Brandt Berkley, 30 N Michigan av
 Brantitzky W. Thos., 54 W. Randolph
 Braucher Ernest, 6 N Clark
 Braun Wm. T., 189 W. Madison
 Brielmaier E. & Sons, 19 S La Salle
 Bristle Jos. H., 206 S La Salle
 Brown & Walcott, 19 S La Salle
 Bruns Benedict J., 3952 N Robey
 Brydges E. N., 64 E Van Buren
 Buck Lawrence, 64 E Van Buren
 Buck Niels & Co., 105 S La Salle
 Buckett Arthur C., 1327 Farwell av
 Buckley A. W. & Co., 3967 Elston av
 Buerger Albert J., Jr., 4026 W 12th
 Burfiend Wm. F., 1324 S State
 Burns Jas., 64 W Randolph
 Byrne Francis B., 104 S Michigan av
 Cady Jeremiah Kiersted, 179 W Washington
 Carnegie Wm. G., 19 S La Salle
 Carr Geo. Wallace, 122 S Michigan av
 Cerny J., 1444 S Crawford av
 Charvat Anton, 1801 S Ashland av
 Chase Frank D., 122 S Michigan av
 Chatten & Hammond, 64 E Van Buren
 Cheney Howard L., 30 N Michigan av
 Childs & Smith, 122 S Michigan av
 Christensen Chas. W., 127 N Dearborn
 Chubb John D., 109 N Dearborn
 Church Myron H., 140 S Dearborn
 Clark Robert C. (care Armour & Co.), U. S. Yards
 Clay Wm. W., 226 S La Salle
 Cloyes Frederick O., 189 W Madison
 Cobb Wm. H., 2156 Sunnyside av
 Coffin Arthur S., 64 W Randolph
 Colcord Albert E., 117 N Dearborn
 Cole Arthur W., 5413 Greenwood av
 Coleman Jno. N., 7100 S Chicago av
 Coolidge & Hodgdon, 134 S La Salle
 Crosby W. S., 179 W Washington
 Crowen Samuel N., 30 N La Salle
 Dalsey Harry I., 167 W Washington
 Davidson, Lockwood & Weiss, Monadnock blk
 Davis & Davis, 64 E Van Buren
 Dean & Dean, 167 W Washington
 De Arment Frank H., 343 S Dearborn
 De Golyer Robt. S., 122 S Michigan av
 DeMoney Frank O., 19 S La Salle
 Dibelka Jas. B., 130 N 5th av
 Dinkelberg Frederick P., 80 E Jackson blvd
 Dippold A. P., 4747 Cottage Grove av
 Doerr Bros., 28 E Jackson blvd
 Dornfeld Jno. F., 2148 Washington blvd
 Dreyer Detlef J., 35 S Dearborn
 Drummond Wm., 19 S La Salle
 Dubin Geo. H., 724 W 12th
 Duesing Theo., 2700 W 22d
 Dunning Hugh B., 35 S Dearborn
 Dwen Robt. G., 3736 Ellis av
 Dyer Scott C., 38 S Dearborn
 Eckland, Fugard & Knapp, Harris Trust bldg
 Eckstorm Christian A., 5 N La Salle
 Eich Geo. B., 39 S State
 Eichberg S. Milton, 64 W Randolph
 Ermeling Ralph W., 189 W Madison
 Faulkner Chas. D., 322 S Michigan av
 Ferree Albert G., 6258 Stewart av
 Fischer Fred'k Wm., 9154 Commercial av

Fisher Albert J. & Son, 4007 N Robey
 Flegel Albert L. Co., 28 E Jackson blvd
 Fletcher Robert C., 179 W. Washington
 Flizikowski John S., 138 N La Salle
 Foehring Fred'k W. L., 186 N La Salle
 Foltz Fritz & Son, 111 W Washington
 Fortin Jos. T., 600 Blue Island av
 Foster Arthur, 230 S La Salle
 France Roy F., 155 N Clark
 Friedl Herman, 154 W Randolph
 Friedman Raphael N., 6 N Clark
 Frommann & Jebsen, 64 W Randolph
 Frost Chas. S., 105 S La Salle
 Fry Frank L. & Co., 140 S Dearborn
 Fuller Alex. A., 111 N Dearborn
 Furst John E. K., 624 Madison av
 Gatterdam Fred E., 154 W Randolph
 Gauger Wm., 36 W Randolph
 Gaul Hermann J., 111 W Washington
 Gerhardt Paul, Schiller bldg
 Gibb Wm. R., 160 W Jackson blvd
 Gibson B. K., 431 S Dearborn
 Gillette Edwin F., 8 S Dearborn
 Graham, Burnham & Co., Railway Exchange bldg
 Gray Frank B., 10 S La Salle
 Green Herbert H., 30 N Michigan av
 Greenfield Geo. H., 116 S Michigan av
 Greengard Bernhard C., 6 N Clark
 Griesser Richard, 64 W Randolph
 Griffin Walter B., 104 S Michigan av
 Grotz Chas. J., 54 W Randolph
 Grussing Geo. H., 154 W Randolph
 Gubbins Wm. F., 155 N Clark
 Guenzel Louis, 111 W Washington
 Haagen Paul T., 139 N Clark
 Hale Perley, 6 N Clark
 Hall Alfred G., 204 N Karlov av
 Hall Emery S., 3230 W. Monroe
 Hall & Ostergren, 11 S La Salle
 Halberg L. G. & Co., 19 S La Salle
 Hancox Chas., 323 S La Salle
 Hansen Harold M., 112 N La Salle
 Harlev & Aga, 139 N Clark
 Harris Ralph C., 30 N La Salle
 Harvey Geo. L., 105 S Dearborn
 Hatzfeld Clarence, 7 S Dearborn
 Hawkinson Carl N., 332 S Michigan av
 Hecht Albert S., 154 W Randolph
 Heinz Lorenz H., 128 N La Salle
 Hengels H. C., Monadnock blk
 Henschien H. P., 37 W Van Buren
 Herr Thornton A., 72 W Adams
 Hetherington J. T., 69 W Washington
 Hettinger John P., 3171 N Halsted
 Heun Arthur, 64 E Van Buren
 Higgins F. J., 327 S La Salle
 Himelblau A. L., 179 W Washington
 Hodgkins Howard G., 179 W Wash.
 Hoermann Carl, 30 N Dearborn
 Holabird & Roche, 104 S Michigan av
 Holmes & Flinn, 8 S Dearborn
 Holsman Henry K., McCormick bldg
 Hooper Wm. T., 116 S Michigan av
 Hoover Ira W., 105 S La Salle
 Hoskins John M., 2337 W Madison
 Hottot Bartholomew J., Schiller bldg
 Houda Jos. F., 1912 S Crawford av
 Huber Julius H., 6712 N Clark
 Huehl, Schmid & Holmes, 154 W Randolph
 Hughes Andrew F., 323 W 69th
 Hulla John, 140 S Dearborn
 Hunt Jarvis, 30 N Michigan av
 Hyde Robt. M., 110 S Dearborn
 Hyett Robt. L., 606 S Michigan av
 Hyland Paul V., 29 E Madison
 Ingalls Arthur R., 7207 Yale av
 Jacobs Arthur, 128 N La Salle
 Jobson C. Frank, Pullman bldg.
 Johnson Oscar, 3410 Sheffield av
 Johnstone Percy T., 30 N Michigan av
 Jones Wm. C., 30 N La Salle
 Joy S. Scott, 1118 W 35th
 Jyrch Karl E., 1916 Fulton
 Kelley Irving W., 127 N Dearborn
 Kingsley George S., 109 N Dearborn
 Kirkpatrick Robt. A., 3976 Ellis av
 Klafter David Saul, 64 W Randolph
 Klewer Wm. L. & Son, 64 W Randolph
 Knox Arthur Howell, 118 N La Salle
 Kocher & McClellan, 806 W. 79th
 Koenig Fred, 4770 Lincoln av
 Kohfeldt Walter G., 64 E Van Buren
 Kopp Jos. D., 327 S La Salle
 Koster John L., 115 S Dearborn
 Krause Edmund R., 22 W Monroe
 Kuehne Carl Oscar, 1572 N Halsted
 Kupfer Otto A., 1865 Millard av
 Lang Albert, 7 W Madison
 Larmon Philip (Care Swift & Co.), U. S. Yards

Layer Robt. W., 118 N La Salle
 Lebenbaum, Marx & Vigeant, Ins. Exch. bldg
 Lehle Louis, 38 S Dearborn
 Leviton Morton, 155 N. Clark
 Levy Alex. L., 111 W. Washington
 Lewis & Dougherty, 35 N Dearborn
 Liedberg Hugo J., 154 W Randolph
 Linderost S. & Co., 7900 S Halsted
 Lindquist Fred'k F., 179 W Washington
 Lindstrom R. S., 237 S 5th av
 Llewellyn Jos. C., First Nat. Bk. bldg.
 Llewellyn Ralph C., First Nat. Bk. bldg
 Lonek Adolph, 118 N La Salle
 Lovdall Geo. F., 953 Belmont av
 Love & Richards, 116 S Michigan av
 Lovell Sidney, 30 N Michigan av
 Lowe & Bollenbacher, 14 E. Jackson bl
 Ludgin Jos. G., 189 W. Madison
 Lund Anders G., 810 W 63d
 McArthur Albert C., 64 W Randolph
 McCall Thos., 30 N La Salle
 McCarthy Jos. W., 139 N Clark
 McHugh, Thos. J., 357 E. 63d
 McMullen Henry J., 127 N Dearborn
 Mahaffey David, 118 N La Salle
 Maher Geo. W., 206 S La Salle
 Mahler Harry H., 1600 W Madison
 Manard Robt. P., c-o Western Electric Co., Hawthorne Sta.
 Mann Wm. D., Ashland Blk., Austin Sta
 Marienthal Oscar B., 4630 Prairie av
 Marshall & Fox, 38 S Dearborn
 Martini E. A., 64 E Van Buren
 Matteson Victor A., Hartford bldg
 Maurer William, 2426 Augusta
 Mayo Ernest A., 140 S Dearborn
 Meldahl Jens J., 431 S Dearborn
 Meyer Frederick H., 64 W Randolph
 Miller Clyde, 112 W Adams
 Miller, Fullenwider & Dowling, 6 N Michigan av
 Miller Jos. A., Ashland blk
 Miller & Hall, 204 Karlov av
 Mitchell Louis M., 19 S La Salle
 Molitor Jos., 167 W Washington
 Moores & Dunford, 10 S La Salle
 Morehouse Merrit J., 343 S Dearborn
 Morgan Chas. L., 116 S Michigan av
 Morrison J. R., 20 W. Jackson blvd
 Mozier H. P., 334 S Dearborn
 Mullan Thos. H., 53 W Jackson
 Mundie & Jensen, 30 S La Salle
 Neebe Jno. K., 2101 W Chicago av
 Newberry Robert Thorne, 108 S La Salle
 Newell Frank V., 14 E Jackson blvd
 Newhouse Henry L., 4630 Prairie av
 Newman Edgar M., 30 N La Salle
 Nielsen Carl, 154 W Randolph
 Nimmons Geo. C., 122 S Michigan av
 Norman Andrew E., 1562 Devon av
 Novy L. & Son, 3223 W 22d
 Nyden John A., Schiller bldg
 Ohrenstein Ernest J., 105 S Dearborn
 Oliver Ralph H., 234 S La Salle
 Olsen Paul F., 110 S Dearborn
 Otis & Clark, 6 N Michigan av
 Ottenheimer, Stern & Reichert, 200 S State
 Packard Allen A., 7609 Eastlake tr.
 Pagels Wm. F., 19 S La Salle
 Pashley Alfred F., 431 S Dearborn
 Patelski Erich J., 167 W Washington
 Patton, Holmes & Flinn, 8 S Dearborn
 Pentecost Douglas S., 127 N Dearborn
 Perkins, Fellows & Hamilton, 6 N Clark
 Perkins Frank W., 80 E Jackson blvd
 Perkins Fred'k W., 332 S Michigan av
 Perry & Thomas, 140 S Dearborn
 Pierce R. G., 10 S La Salle
 Pingrey Roy E., 209 S La Salle
 Pond & Pond, 64 E Van Buren
 Postle & Fisher, 140 S Dearborn
 Prather Fred'k V., 20 W Jackson blvd
 Pridmore John E. O., 38 S Dearborn
 Prindeville Charles H., 64 E Van Buren
 Probst Edw., Railway Exchange bldg
 Proskauer Adolph, 117 N Dearborn
 Pruyn Wm. H. Jr., 122 S Michigan av
 Puckey Francis W., 6 N Michigan av
 Purcell & Elmslie, Peoples Gas bldg
 Pursell Geo. G., 140 S Dearborn
 Quackenboss Leonard G., 35 N Dearborn
 Radford Architectural Co., 1827 Prairie
 Raeder Henry, 20 W Jackson blvd
 Randak Frank, 3401 W 26th
 Rapp C. W. & G. L., 69 W Washington
 Rawson Charles P., 21 E Van Buren
 Rebori A. N., 30 N Michigan av

Reed Earl H. Jr., 139 N Clark
 Reynertson Theis J., 1937 N Crawford av
 Rezny Jas. B., 29 S La Salle
 Rich Harry T., 431 S Dearborn
 Richards Henry H., 327 S La Salle
 Riddle & Riddle, 122 S Michigan av
 Rissman Maurice B., 122 S Michigan av
 Roberts Eben E., 82 W Washington
 Robertson David, 64 W Randolph
 Robinson Argyle E., 108 S La Salle
 Rohm Jean Baptist & Son, 138 N La Salle
 Ross Henry J., 6741 Sheridan rd
 Rowe Linden P., 53 W Jackson blvd
 Roy Franz, 9140 Commercial av
 Runde Otto, 4831 Barry av
 Russell Lewis E., 25 N Dearborn
 Sandegren Andrew, 111 W Washington
 Sandel Monroe R., 155 N Clark
 Saxe Albert M., 64 E Van Buren
 Saxe Ira C., 127 N Dearborn
 Schaffner Daniel J., Ashland blk
 Scheller Jesse E., 4654 Cottage Grove av
 Schlacks Henry J., 4306 Sheridan rd
 Schmidt Hugo, 7222 Oglesby av
 Schmidt Richard E., Garden & Martin, 104 S Michigan av
 Schock F. R., 21 N La Salle
 Schoenfeldt Frank, 4058 W Madison
 Schroeder John M., 35 N Dearborn
 Schuberth Geo. F., 2551 Sheffield av
 Schulze Wm., 3942 Cornelia av
 Schwartz Albert C., 6 N Clark
 Seator Sinclair M., 35 N Dearborn
 Seyfarth Robt. E., 134 S La Salle
 Shattuck & Hussey, 19 S La Salle
 Shaw Howard, 39 S State
 Sierks Henry, 180 N Dearborn
 Slovinez Jno., 4580 S Ashland av
 Smith Robert S., 111 W Monroe
 Somers E. S., 64 E Van Buren
 Sorensen Chas. F., 3325 Fullerton av
 Spencer N. S. & Son, 37 W Van Buren
 Spencer & Powers, 10 S La Salle
 Speyer & Speyer, 130 N 5th av
 Spitzer Maurice, 5 N La Salle
 Stanhope Leon E., 111 W. Monroe
 Steuben Theodore, 1608 Belmont av
 Stevens C. Whitney, 64 W Randolph
 Stevens Harry E., Monadnock bldg.
 Stone John R., 8 S Dearborn
 Strandel Chas. A., 5 N La Salle
 Strauch Moritz F., 1356 Diversey P'way
 Sturges Howard P., 19 S La Salle
 Sturm Meyer J. (Hospitals Exclusive-ly), 116 S Michigan av
 Sturnfield Chas. H., New Era bldg
 Sullivan Louis H., 56 E Congress
 Taggart John A., 21 E Van Buren
 Tallmadge & Watson, 189 W Madison
 Teesdale Laurence V., 500 W. 69th
 Temps Martin G., 226 S La Salle
 Thain Charles C., 52 Vanderbilt av
 Thisslew Chas., 783 Milwaukee av
 Thomsen Fred'k W., 1949 Seminary av
 Tilton John Neal, 228 S La Salle
 Tocha Anton A., 1225 N. Ashland av
 Tomlinson Henry W., 64 E Van Buren
 Turbyfill David W. F., 4514 N Racine av
 Turnbull Gilbert M. & Gray Frank B., 1210 La Salle
 Uffendell Wm. G., 39 S. State
 Urbanek Chas A., 1423 S Avers av
 Urbain Leon F., 20 W Jackson blvd
 Vade Louis H., 80 E. Jackson blvd
 Viehe-Naess Ivar, 64 E Van Buren
 Vitzthum & Teich, 53 S Jackson blvd
 Von Holst & Fyfe, 72 W Adams
 Wach E. F., 11 S La Salle
 Walker Fred. C., 4712 Beacon
 Walker Wm. E., 30 N Michigan av
 Walter N. Mead, 127 N Dearborn
 Warren W. A., 10 S La Salle
 Waterbury Chas. D., 64 E Van Buren
 Waterman Harry H., 10 S La Salle
 Weary Chas. A., 167 W Washington
 Webber Peter J., 343 S Dearborn
 Weber Alfred P., Conway bldg
 Westerlind C., 111 W Washington
 Wheeler Chas. F., 4736 Irving Park blvd
 Wheelock & Shank, Schiller bldg
 White Chas. E. Jr., 139 N Clark
 Whitney Wm. P., Peoples' Gas bldg
 Wilkowski Jos. A., 2010 Milwaukee av
 Williamson Wm. G., 19 S La Salle
 Wilmanns August C., 35 S Dearborn
 Wilson Horatio R. & Co., 104 S Michigan av
 Wing Thos. W., 115 S Dearborn
 Winkel Benno J., 64 W. Randolph
 Wittekind Henry, 1547 Jarvis av

Woerner Adolph, 3166 Lincoln av
 Woltersdorf Arthur, 138 N La Salle
 Woodyatt Ernest, 155 N Clark
 Worthman & Steinbach, 1859 W Chicago av
 Wright Frank L., 220 S Michigan av
 Wuehrmann Wm. G., 6954 Yale av
 York John D., 1323 N Clark
 Youngberg John E., 30 N Dearborn
 Zidek Jos., 4021 W North av
 Zimmermann W. Carbys, 64 E Van Buren
 Zimmermann Albert G., 10 S La Salle
 Zimmermann Hugo H., 111 W. Monroe
 Zippwald Otto P., 140 Dearborn
COLLINSVILLE—Eberhardt Henry W.
DANVILLE—Garrett Urias E.
 Lewis & Dougherty
 Liese & Ludwig
 McCoy Jno. F.
 Stuebe Leon F. W.
DECATUR—Aschauer C. J.
 Brooks & Bramhall
 McNabb Wm. O.
 Patterson Melville G.
 Rosen R. O., Powers bldg
 Scribbins John A.
 Waggoner A. M.
DIXON—Vail Morrison H.
EAST MOLINE—Reeves Alfred J.
EAST ST. LOUIS—Frankel Albert B.
 Kennedy Jno. W., Cohokie bldg
 Mueller & Brockmeyer, Arcade bldg
 Pfeifferberger L. & Son, Main & Division
 Riester & Rubach, 412 E Missouri av
EDWARDSVILLE—Kane Michael B.
 Pauly Charles
ELGIN—Abell Ralph E.
 Morris G. E.
 Postle David E.
EVANSTON—Blake Edgar O., 621 Davis
FAIRBURY—Schmetzler Chas. H.
FOREST PARK—Burtar Adolph G., 7616 Madison
 Karbach Chas., 7229 Madison
FORT SHERIDAN—Rice Josiah L.
FREEPORT—Dustman Urias M.
GALESBURG—Aldrich & Aldrich
 Beadle J. Grant
GENESEO—Okeberg Jno. V.
GRANITE CITY—Pauly, Chas. & Son
JACKSONVILLE—Buckingham C. W.
 Pierson J. K. C.
JOLIET—Cowell Herbert, 1 Jefferson
 Hoen Rudolph G., Joliet Nat'l Bank bldg
 Wallace Charles L., 227 Jefferson
 Wallace Elizabeth B., 227 Jefferson
 Webster Chas. Woods, Cutting bldg
KANKAKEE—Henry Chas. D.
KEWANEE—Heaps S. Leroy
LA GRANGE—Krauch Walter T.
LAKE FOREST—Jones Fred'k W.
LINCOLN—Deal & Ginzle
MACOMB—Fuhr Jno. H.
 Holmes Willis B.
MOLINE—Eckerman Oscar A.
 Eckland, Fugard & Knapp
 Whitsitt & Schulzke
MORGAN PARK—Blood L. A., 2246 Morgan av
MOUNT MORRIS—Buser Nathaniel E.
MOUNT VERNON—Atkinson, W. H.
MURPHYSBORO—Gill R. Z.
OAK PARK—Ellis Frank M., 801 S blvd
 Fiddelke H. G., Parkside bldg
 Harned Henry P., 231 Wisconsin av
 Hoffman H. Curtis, Shiller bldg
 Racine Lewis, 806 Congress
 Randolph S. M., Parkside bldg
 Van Bergen, Jno. S., Caldwell bldg
OTTAWA—Hanifen H. John
 Richardson Jason F., Jr.
PEORIA—Davis Geo. H., 411 Perry av
 Day Warren W., 527 Main
 Hercules J. W., 308 Sherman av
 Hewitt & Emerson, 321 Main
 Hotchkiss & Harris, 229 S. Jefferson av
 Hulsebus Bernhard L., Jefferson bldg
 Jobst Valentine, 511 N Madison
 Kiefer Albert, Jefferson bldg
 King John F. Jr., Central Nat. Bk. bldg
 Klein Fred'k J., Anheuser-Neil bldg
 Koch Henry A., Hippodrome bldg
 Reeves & Baillie, Jefferson bldg
 Traeger Chas W., 107 Hurlburt
 Whitmeyer & Chaffee, 204 S. Glenwood av
PERU—Wachter Henry F.
PONTIAC—Young Richard A.

QUINCY—Batschy Jno., Wells bldg
 Behrensmeyer George P., 403½ Main
 Chatten Harvey, Wells bldg
 Geise Martin J., 800 Main
 Ledebink Fred C., 615½ Hampshire
 Wood Ernest M., 126 N 8th
ROCKFORD—Bradley Chas. W., Brown bldg
 Carpenter F. A., Brown bldg
 Peterson & Johnson, Lundberg bldg
ROCK ISLAND—Cervin Olof Z.
 McLane Cyrus D.
 Stauduhar Geo. P.
ROGERS PARK—Melin Chas. W., 1302 Columbia av
SANDWICH—Howison Charles
SPRINGFIELD—Bullard & Bullard, Unity bldg
 Conway Wm. H., 104 East Side sq
 Furrow Edw., I. O. O. F. bldg
 Hamilton Frank H., City Hall
 Hanes Saumel J. & Son, 205½ S 6th
 Helmle & Helmle, Ferguson bldg
 Reiger Harry J., Ridgely bldg
 Rinaker Jno. I., Ridgely Bank bldg
STERLING—Ecklund, Fugard & Knapp
 Van Horne Philip T.
STOCKTON—Goodmiller Preston V.
STREATOR—Allen A. W.
 Foster Wm. G.
TOLEDO—Hanker Chas.
URBANA—Maxwell Wymer W.
 Royer Jos. W., Flatiron bldg
 White Jas. M., (Supvg. Archt. Univ. of Ill.), Administration bldg
WHEATON—Salisbury Robt. H.
WILMETTE—Rae Robt., Jr.
 Wood Jas. M.

INDIANA.

ANDERSON—Meckel Jno.
 Watkins Ernest R.
BEDFORD—Pritchett Milton C.
BERNE—Bagley Abraham
BLOOMINGTON—Doeppers E. C. & Co.
 Nichols John Lincoln
BRAZIL—Johnson M. H., Jr.
CLINTON—Thomas C. M.
COLUMBUS—Clevenger C. R. & Co.
 Crowe R. B.
CONNERSVILLE—Griffin H. M.
 La Fayette Conwell
CRAWFORDSVILLE—Griffith Geo. T.
DECATUR—Christen Chas.
 Hoffman Oscar
EAST CHICAGO—Wiley M. Clifford
ELKHART—Elwood C. C.
 Turnock E. Hill
ELWOOD—Risinger W. A.
EVANSVILLE—Boyle Harry C. & Co.
 Capelle A. J., Woods bldg
 Gilbert, Fabian & Brentano, Furniture bldg
 Karges H. Gilbert, Furniture bldg
 Metzner Louis L., 714 E Penna.
 Russ Wm. E., Furniture bldg
 Schlotter Frank J., 113½ Upper 4th
 Shopbell Clifford & Co., Furniture bldg
 Thurgood C. L. (& Engineer), 410 Main
FORT WAYNE—Allen Frank F., Lincoln Nat. Life Ins. bldg
 Aurentz Raymond J., 921 Barr
 Bell W. E., Shoaff bldg
 Fair Perry W., Bass blk
 Fordney J. F., Schmitz bldg
 Griffith & Goodrich, No. Am. bldg
 King Jno. F., Bank blk
 Mahurin & Mahurin, Swinney blk
 Riedel J. M. E., Schmitz blk
 Tolan V. S., Arcade bldg
 Weatherhogg Chas. R., Hamilton Nat'l B'k bldg
 Wing & Botteron, Pixley-Long bldg
FRANKFORT—Collins O. C. & Co.
GARY—Erickson Herbert
 Hammons J. E. & Son
 Hiner Lewis E.
 James S. H.
 Kendrick Chas. E.
 Verplank J. J.
 Wickes A. F.
HAMMOND—Berry, Addison C. & Co.
 Hutton Jos. T. & Son
 Thomson & Graves
 Turner Mac
HUNTINGTON—Brineman M. D.
 Gierhart J. B.
INDIANA HARBOR—Cornwell Fay D.
 Tredwell & Kraft

INDIANAPOLIS—Albersmeier Wm. H.,
Rauh bldg
Allen Layton, Lombard bldg
Bacon Chas. E., Merchants Bank bldg
Bass Herbert L. & Co., Hume-Mansur
bldg
Bates Chas. E., Hume-Mansur bldg
Bedell Geo. V., Law bldg
Bohlen D. A. & Son, Majestic bldg
Brossmann Chas., Merchants Bank
bldg
Brown W. H., 843 N Meridian
Brubaker & Stern, Aetna bldg
Byfield Chas. H., Law bldg
Cannon Fermor S. Co., Traction Term.
bldg
Carr Merrett L., Meyer-Kiser Bank
bldg
Daggett R. P. & Co., Lemcke Annex
Dark Stephen C., 159 E Market
Dean W. J., Merchants Bk. bldg
Dunlap Elmer E., State Life bldg
Eldridge Wm K., Board of Trade bldg
Foltz Herbert, Lemcke Annex
French Rollin E., 1026 Kentucky av
Frfeijs Chas. T., Fletcher Sav. & Tr.
bldg
Garns W. H., Fletcher Sav. & Trust
bldg
George, MacLucas & Fitton, Lemcke
annex
Gordon Geo. W., Law bldg
Graham & Hill, Hume-Mansur bldg
Grindle Alf., Board of Trade bldg
Grootenboer R. H., Castle Hall
Harrison Merrit, Bd. of Trade bldg
Hastings Samuel A., Farmers' Trust
bldg
Hice Harry M., State Life bldg
Hoagland Geo. E., State Life bldg
Hughes F. J. & Co., Hume-Mansur
bldg
Hunter Frank B., State Life bldg
Johnson & Holloway, State Life bldg
Kopf J. Edwin, Lemcke Annex
Krauss W. K., Law bldg
Lents Walter T., 4942 University av
McGuire & Shook, Indiana Pythian
bldg
Martindale Clarence, Fletcher Trust
bldg
Miller Harry E., Law bldg
Moore W. Scott & Co., Public Savings
bldg
Morck Wm. O., Lombard bldg
Morris Chas. O., Lombard bldg
Parker Wilson B., Board of Trade
bldg
Riedel Frank P. & Co., Aetna bldg
Rubush & Hunter, Amer. Cent. Life
bldg
Russ W. E., Merchants Bank bldg
Schellschmidt Alvin B., 215 E 34th
Scherer Adolf, Indiana Trust bldg
Sturges Louis H., Board of Trade
bldg
Van Arnam Marshall E., State Life
bldg
Vonnegut & Bohn, Indiana Trust bldg
Wallick Frederick, Lemcke Annex
Warwick Fred L., 148 E Market
Winterrowd Thos. A., Am. Central
Life bldg
KOKOMO—Barrett Chas W.
Dunlap Elmer E.
Honeywell A. A. Co. (Church)
McFann Cassius C.
Shaffer Edwin M.
Young Robert L. & I. Russell
LAFAYETTE—Alexander Jas. F. & Son
Boonstra J. A.
Brown G. S.
Dietz H. Z.
Gault Edw E.
Kashner C. D. & Son
Nicol Chas. W.
LAPORTE—Allen & Reed
LINTON—Fritz John T.
LOGANSPOUT—Crain Jos. E.
Horn Carl J.
MARION—Bowstead Henry G.
Elder Hiram
French Burt L.
Plato Samuel
MICHIGAN CITY—Ahlgrim F. H.
MISHAWAKA—Brubaker O. C.
MONTICELLO—Young Sam'l
MUNCIE—Houck Chas. H.
Kibele Cuno
Thompson, M. G.
NAPPANEE—Frazier Henry F.
NEW CASTLE—Taylor Chas. W.
PERU—Fike H. P. & Co.
PLYMOUTH—Ness J. E.

RICHMOND—Campfield Edwin M., Colo-
nial bldg
Hasecoster J. A., 2nd Nat. Bk. bldg
Higgs J. Ed., 910 N 10th
Hodge Omar, 1016 Main
Kaufman Wm. S. & Son, Kelly &
Hutchinson bldg
Mansfield Geo. W., 906 Main
Mueller & Werking, 17½ N 9th
Yates Stephen O., 904½ Main
SEYMOUR—Hall Robt. H.
SOUTH BEND—Austin & Shambleau, J.
M. S. bldg
Dunbar Noel S., Farmers' Trust bldg
Freyermuth & Maurer, Warner bldg
Schneider Walter W., 120 So. Main
Young Ernest W., Dean bldg
SYRACUSE—Kingsley W. M.
TERRE HAUTE—Evans Wylie H., 612
Ohio
Floyd W. H., 656 Wabash av
Gibbons Robt. E., 1116 N 9th
Johnson & Miller, 105 S 7th
Koerner Robert A., 651½ Wabash av
Leonard Rodney W., Rea bldg
Scott Charles E., Grand Opera House
Self James E., Grand Opera House
Shourds Dalton B., Tribune bldg
Vrydagh J. G., 10 N 6th
Vrydagh Robt. T., McKeen blk
TIPTON—Porter S. J.
UNION CITY—Losh C. E.
VALPARAISO—Lembke Chas. F.
Snader D. L.
VINCENNES—Bayard Jno. B.
Gaddis John W.
Osterhage Louis H.
WABASH—Stewart Wm.
WARSAW—Craig Samuel A.

IOWA.

ADEL—Holtzman W. D. Jr.
BURLINGTON—Washburn Geo. H.
Weibley Wm. F.
CARROLL—Hart Sanford P.
CARSON—Weeks, O. B.
CEDAR FALLS—Robinson W. A.
CEDAR RAPIDS—Brown W. J., Am. Tr.
bldg
Dieman Chas. A. & Co., Granby bldg
Gardner John M., Granby bldg
Hunter Harry Edgar, Security bldg
Ingold Unit System Co., 600 S 1st W
Josselyn & Taylor Co., C. R. Sav. bldg
McMinds I. F., Security bldg
Mayberry R. R., Granby bldg
Richards D. W., 215 S 2d
Tuttle J. F., 1311 B av
Zalesky C. B.
CHARITON—Hougland O. A.
CHARLES CITY—Nosser J. J.
CLARION—White J. B. & Son
CLINTON—Ladehoff & Sohn
Morrell John & Son
Work N. P.
CONRAD—Gier E. F.
COUNCIL BLUFFS—Cox Fredric E.
Jensen J. Chris.
Schneider Henry J.
Woodward Jno. C.
CRESTON—Yule & Waldo
DAVENPORT—Clausen & Kruse, Central
Office bldg
Ebeling Arthur H., Security bldg
Gartside Benj. W., Jr., Lane bldg
Holbrook Erwin G., Whitaker bldg
Temple & Burrows, Davenport Sav-
ings Bank bldg
DENISON—Barber Edgar L.
DES MOINES—Barton W. C., Hubbell
bldg
Clark Morton, 3118 1st
De Jarnette & Carver, Hubbell bldg
Denman, C. K., Hippie bldg
Eastman C. E., Observatory bldg
Keffer & Jones, Youngerman bldg
Kell Otto, Davidson bldg
Kraetsch & Kraetsch, Securities bldg
Liebbe, Nourse & Rasmussen, Utica
bldg
McDowell J. G. & Co., Good blk
O'Connor John, 216½ 6th av
Proudfoot, Bird & Rawson, Hubbell
bldg
Sawyer & Watrous, Watrous bldg
Throne H. E., Hubbell bldg
Vorse Norman, S. & L. bldg
Wetherell & Gage, Youngerman bldg

DUBUQUE—Beck Guido, 8th & Main
Bush Charles T., 825 Julien av
Carkeek Thos. T., Lincoln bldg
Heer Frid J., Jr., 235 8th
Saam Karl F., Security bldg
Spencer John, Bank & Ins. bldg
Vanderveer John
Webster James
ESTHERVILLE—Cox Jas. S.
Jeffries A. H.
FORT DODGE—Albright J. H.
Bradford J. W.
Damon E. O., Jr.
Nippell Max
Reely T. W.
Wilhelm F. L.
FORT MADISON—Bannon Michael E.
INDEPENDENCE—Netcott H. E.
(school)
IOWA CITY—Carpenter O. H.
Freyder F. X.
KEOKUK—Brady Jos. L.
Flamboe A. G. H.
MARSHALLTOWN—Eckman Chas. H.
Kemper B. F.
Reimer & Herlin
MASON CITY—Bogardus E. R. & Son
Broaten & Mincy
Jeffers J. H.
Trafzer J. W.
MUSCATINE—Zeidler H. W.
OSAGE—Stoughton G. A.
OSKALOOSA—Burdick A. E.
Sinclair S. B.
OTTUMWA—Eaton A. A.
Kerns Geo. M., Commercial Trust bldg
Koch Ernest, Hoffman blk
SIGOURNEY—Seger D. T.
SIoux CITY—Beuttler & Arnold, Security
Bank bldg
Bragstad Jos. W., Davidson bldg
Burkhead G. W., Commercial blk
Colby F. E., Davidson Bldg
Frogh Fred., Farmers' Ln. & Tr. Bldg
Steele Wm. L., United Bank Bldg
Whiteway Wm. I., 912 6th
STORM LAKE—Martens E. W.
Unger & Park
STRAWBERRY POINT—Gratke, G. E.
WATERLOO—Burkett J. T. & Co.
Burr Howard B.
Cleveland Mortimer B.
Ralston J. G.
Shockley Clinton P.
WAVERLY—Leitha J. F.
WEBSTER CITY—White J. R.

KANSAS.

BELOIT—Slack Frank A.
CHANUTE—Pratt J. W.
COFFEYVILLE—Henderson C. A.
EMPORIA—Brinkman H. W.
Marx Wm. F.
Squires Chas. W.
FORT SCOTT—Gardner J. H.
Huff Walter S. & Co.
GREAT BEND—Redman & Maher.
HALSTEAD—Steele Benton
HUTCHINSON—Hulse W. E. & Co.
Mann & Gerow
Martin C. F.
Riggs J. S.
INDEPENDENCE—Fletcher F. F.
KANSAS CITY—(See Kansas City, Mo.)
LAWRENCE—Blair Albert E.
LEAVENWORTH—Feth Wm. P.
McPHERSON—Skiff J. H.
MANHATTAN—Winter H. B.
OTTAWA—Washburn Geo. P. & Son
PARSONS—Briggs J. E.
PITTSBURG—Collin A. C.
Munn G. J.
SALINA—Hudson A. K.
Smith C. A.
Wilmarth & Zerbe (& Structural
Engrs.)
TOPEKA—Chandler Chas. H. (State
Arch.)
Cuthbert E. D., 435 Kansas av
Gamble R. L.
Holland J. C. & Son, Mills bldg
Lescher T. H., 920 Monroe
Marshall Joseph, 1601 West
Nielsen N. P., 810 W. 7th
Squires Frank C., 628 Kansas av
Stanton Jno. F., 835 Kansas av
Williamson T. W., 700 Kansas av
Wood L. M., 629 Kansas av
WICHITA—Bond S. G., 227 E. Douglas av
Cassidy L. M., 1343 N Waco av
Charles U. G., Schweiter bldg
Conrow H. S., Schweiter bldg
Crowell & Van Meter, Caldwell-Mur-
dock bldg

Culver W. W., Butts bldg
 Faught & Macklin, Barnes bldg
 McCune F. G., Winne bldg
 Markgraf & Mampe, Benson bldg
 Parsons F. F. Architectural Co., 115
 N Lawrence av
 Rixse & Simmon, Walters bldg
 Schmidt Lorentz, 126 N Market
 Street N. V., 403 N Volutsia av
 Terry C. W., Michigan bldg
 Voigt S. S., Barnes bldg
WINFIELD—Fuller J. N. Co.
 Ross I. R.

KENTUCKY.

ASHLAND—King J. M.
BARDSTOWN—Stanley O.
BOWLING GREEN—Fleenor C. M.
COVINGTON—Hildreth & Beekman, First
 Natl. Bank bldg
 House C. W. & Sons (& Builders)
 Schofield Geo. W., 1st Nat. Bk. bldg
 Wisenall Bernard T., 1st Nat. Bk. bldg
CYTHIANA—Stevens Joseph R. & Co.
DANVILLE—Van Dalsem W. S.
FT. THOMAS—Weber John R.
FRANKFORT—Oberwarth Leo L.
FULTON—Spradlin W. H.
HENDERSON—Trible E. S.
HOPKINSVILLE—Gatlin W. R. (Spe-
 cialty: Theatres)
 Long James Lee
 Waller John T.
JUNCTION CITY—Turnbull C. D.
LEXINGTON—Anderson & Frankel
 Geretz Martin
 Kenendy Jesse F.
 Manley F. J.
 Moore John V.
 Stamler E.
LOUISVILLE—Albus & Richardson, 544
 E Market
 Collins Val. P., Paul Jones bldg
 Curtin C. A., Columbia bldg
 Davis Brinton B., Inter-Southern bldg
 Erhart Fred, Norton bldg
 Gaffney J. J., 437 S. 2d
 Gray & Wischmeyer, Starks bldg
 Hallenberg Adolph, Keller bldg
 Hawes Henry F., Urban bldg
 Hillerich E. Walter, 725 S. 24th
 Hutchings John Bacon & Sons,
 Columbia bldg
 Joseph & Joseph, Atlantic bldg
 Korell, Emil, 1234 S. Preston
 Loomis & Hartman, Todd bldg
 Maury Mason, Board of Trade bldg
 Meyer & Brenner, Paul Jones bldg
 Murphy D. X. & Bro., Louisville Tr.
 bldg
 Nevin H. L., Starks bldg
 Nolan Thos. J., Courier-Journal bldg
 Reuter O. P., 105 S. 5th
 Smith & Otis, Norton bldg
 Tafel A. G., Coleman bldg
 Thomas Jno. H., Keller bldg
 Tyler W. C., Lincoln bldg
 Ward & Glossop, Lincoln Bank bldg
 Weber Fred P., Commercial bldg
 Wolters Henry, Board of Trade bldg
LUDLOW—Griffith Henry C.
 Purcell Wm. R.
MOUNT STERLING—Williams E. L.
NEWPORT—Beiting Edward, 411 W 10th
 Glick Jacob, 112 E 6th
 Raabe Lawrence, 111 E 7th
 Vogel Chas., 133 16th
 Ware Randolph F., 407 York
 Wilson Louis H., 10 W. 4th
OWENSBORO—Killian A.
 Kimberlin C. W.
 Whitehead John W.
PADUCAH—Brainerd Wm. L.
 Lassiter A. L. & Bro.
RICHMOND—Forbes H. deB.
SHELBYVILLE—Gruber & Doss
WINCHESTER—Crone J. W.

LOUISIANA.

ALEXANDRIA—Yaeger C. Scott
BATON ROUGE—Charlton Chas. H., Jr.
COLFAX—Carver Joe
LAKE CHARLES—Phillips E. W.
MONROE—Smith J. W.
MORGAN CITY—Ghirardi P. B.
NEW IBERIA—Phillips E. W.
NEW ORLEANS—Andry Paul, 510 Tulane
 Newcomb
 Armstrong & Koch, Denegre bldg
 Bear Albert G., 316 Baronne
 Boh Arthur P. (& Builder), 303 Car-
 ondelet
 Brandner Jos. T., 235 N Broad
 Brune T., United Cotton bldg

Burk Wm. R., Hicks bldg
 Burton & Bendernagel, Audubon bldg
 Case Chas. W., 832 Felicity
 Churchill Frank G., Hennen bldg
 Cothran John R., 403 Carondelet
 De Buys Rathbone, Hibernia bldg
 Del'Isle Sidney G., 337 Carondelet
 Diboll & Owen, Ltd., Interstate bldg
 Favrot & Livaudais, Perrin bldg
 Fromherz & Drennan (& Builders).
 Q. & C. bldg
 Fulham W. F., 2130 Berlin
 Geary Walter N. (& Builder), 7528
 Commercial
 Goldstein Moise H., Title Guarantee
 bldg
 Graveley Frank P. & Co., Board of
 Trade Office bldg
 Hay Alex., 127 Carondelet
 Jones & Roessle, Maison Blanche bldg
 Kaiser Wm. P., 313 Carondelet
 Keenan Walter C., 324 Gravier
 Koch Julius (& Builder), 219 Caron-
 delet
 Kohlman Nathan, Godchaux bldg
 Labouisse S. S., City Bk. & Tr. bldg
 Lagarde Jos. J., Hennen bldg
 Lynne Sheldon (& Builder), 2915 Ver-
 bena
 MacDonnell Francis J., Hennen bldg
 MacKenzie H. Jordan, 827 Gravier
 Mohr Oscar P., Macheca bldg
 Nelson A. J., L. & L. & G. bldg
 Nolan & Torre, Hennen bldg
 Raymond Harold, Interstate bldg
 Reynes E. M., 316 Baronne
 Rosenthal & Grosz, 219 Carondelet
 Selfe James E., Godchaux bldg
 Shepard Martin, Perrin bldg
 Smith A. L., 228 S Hennessy
 Soule R. Spencer, Hennen bldg
 Spurl Edward F., 606 Commercial pl
 Stevens W. L., Whitney bldg
 Stone Samuel, Jr., L & L & G bldg
 Theard & Reilly, Perrin bldg
 Toledano Wogan & Bernard, Perrin
 bldg
 Weil Emile, Whitney-Central bldg
 Weiss Leon C., Maison Blanche bldg
 Williams C. Milo, Hennen bldg
SHREVEPORT—Annan J. P., Com'l Bank
 bldg
 Armstrong A. J., Majestic bldg
 George E. A., Continental Bank bldg
 Huff Chas. B., First Nat'l Bank bldg
 King Clarence W., 1st Nat'l Bank bldg
 Lack F. T. & Son, Ward bldg
 Neild E. F., Continental Bank bldg
 Olschner C. E., Com'l Nat'l Bk bldg
 Owens Chas. W., Com. Nat. Bank bldg
 Snyder & Baker, 1st Nat'l Bank bldg

MAINE.

AUGUSTA—Bunker Wm. G.
BANGOR—Crowell C. Parker
 Hodgins Victor
 Mansur Wilfred E.
 Patterson Fred'k A.
BAR HARBOR—Savage F. L.
 Stratton Milton W.
BERWICK—Slater Forest E.
BLAINE—Beals W. A.
BLUE HILL—Hinckley W. R.
BOOTHBAY—Adams P. D.
 Blair J. H.
CAMDEN—Brown Cyrus P.
 Greenlaw A.
 Moody A. M.
 Ritterbush S. G.
 Schwartz W. E.
DEXTER—Dexter H. P.
 Young Fred M.
EAST MACHIAS—Bogue Geo. P.
GARDINER—Richards Henry
KENNEBUNK—Barry Wm. E.
LEWISTON—Coombs & Ash
 Coombs Harry S.
 Gibbs & Pulsifer
LIMERICK—Boynton Chas. E. (& bldr)
MADISON—Humphreys C. S.
PORTLAND—Burnham Geo. & Higgins,
 120 Exchange
 Churchill Frank M., 536a Congress
 Fassett E. F., 95 Exchange
 Lancaster & Libby, 11 Exchange
 Miller & Mayo, Fidelity bldg
 Pease Austin W., Fidelity bldg
 Stevens John Calvin, 187 Middle
 Stevens John Howard, 187 Middle
 Tompson Fred'k A., Y. M. C. A. bldg
 Wish Harold H., 102 Exchange
STONINGTON—Seekins R.
 Smith H. B.

WATERVILLE—Knapp Herbert E.
 Patterson Frederick A.
WAYNE—Norton Chas. L.
YARMOUTHVILLE—Merrill, F. B.

MARYLAND.

ANNAPOLIS—Armstrong Joseph M.
 Cooper P. B.
 Hunter R. Malcolm
BALTIMORE—Anderson Chas. M., 324 N
 Charles
 Archer & Allen, Central Savings Bank
 bldg
 Baldwin & Pennington, Professional
 bldg
 Beall Fred. E., 306 St. Paul
 Biikel Henry F., 3301 Gough
 Blanke & Zink, Equitable bldg
 Buckler Riggis, 11 E Pleasant
 Callis Geo. R., Jr., Knickerbocker bldg
 Callis & Callis, 2055 Kennedy av
 Carroll T. Geo., Franklin bldg
 Crisp Herbert G., 2709 St. Paul
 Edmunds Jas. R., Jr., 12 E Read
 Ellicott & Emmart, Union Trust bldg
 Emory & Nussear, Professional bldg
 Forrest A. Lowther, Law bldg
 Forsythe John R., 232 St. Paul
 Fowler Lawrence H., 347 N Charles
 Frank Benjamin, 328 N Charles
 Freund John, 11 E Lexington
 Friz Clyde N., Munsey bldg
 Gieske Walter M., Gunther bldg
 Gilmour G. R. Howard, 2415 Guilford
 av
 Glidden Edw. H., Garrett bldg
 Harris Robt. L., 2027 Kennedy av
 Haskell & Barnes, 301 N Charles
 Horn Carl A., 1035 Myrtle av
 Jory Herbert G., Munsey bldg
 Kavanagh Hugh I., 226 E Eager
 Lacchi Primo, 448 N Luzerne av
 Laferty J. E., 11 E Pleasant
 Leach Alfred C., 323 N Charles
 Levi Louis, Munsey bldg
 Machen Thos. G., Fidelity bldg
 Mottu & Whyte, 322 N Charles
 Moxley J. E. Jr., 1709 Edmonston av
 Owens & Sisco, Continental bldg
 Owings Thomas B., 347 N Charles
 Palmer Edw. L., Jr., 112 Elmhurst rd
 Parker, Thomas & Rice, Union Trust
 bldg
 Pietsch, Theodore W., American bldg
 Reuwer Chas. H., 710 N Howard
 Russell Stanislaus, 2900 Clifton av
 Russell Wilson Raymond, 100 E Lex-
 ington
 Sill Howard, Md. Casualty bldg
 Simonson Otto G., Md. Casualty Tower
 Smith Layton F., 513 N Charles
 Smith & May, Calvert bldg
 Sparklin & Childs (Con. Engr.), Law
 bldg
 Sperry Joseph E., Calvert bldg
 Stack Jno. K., 12 E Lexington
 Stone Wm. F. Jr., Knickerbocker bldg
 Strom Wm., 1917 Park av
 Taylor R. E. Lee, Union Trust bldg
 Thomas Frederick, Gunther bldg
 Torney Francis E., 813 Newington av
 Turnbull Bayard, 328 N Charles
 White Wm. A., 1030 N Gilmer
 Wight Oliver B., Munsey bldg
 Wilson J. Appleton, Law bldg
 Worthington Geo., Keyser bldg
 Wyatt & Nolting, Keyser bldg
CATONSVILLE—Ehlers Wm. H.
CUMBERLAND—Butler Wright
 Sansbury Geo. F.
EASTON—Brinckloe & Co.
FREDERICK—Grange Garrett S. de
 Kepner & Smith
HAGERSTOWN—Klinkhart A. J.
 Mack & Kountz
 Yessler Harry E.
PIKESVILLE—Watts Albert S.
POCOMOKE CITY—Stevenson R. M.
ROCKVILLE—Grooms Thos. C.
ST. MICHAELS—Dodson H. C., Jr.
SALISBURY—Mitchell T. C.
 Radcliffe & Gaskill
WESTMINSTER—Case Paul

MASSACHUSETTS.

ATTLEBORO—Higgins Olstin M.
BEVERLY—Alden Henry B.
 Clark Chester N.
 Grush Charles E. (Consulting)
 Harmon William H. & Son (& Builder)
 Sponholtz Carl L.
 Swar George

BOSTON (Including Dorchester, Hyde Park & Roxbury)—Adden & Parker, 12 Bosworth

Alden Henry B., 15 Exchange
 Allen Gordon, 2 West
 Allen & Collens, 40 Central
 Ames John W., 15 Exchange
 Andrews, Jacques & Rantoul, 50 Congress
 Andrews W. H., 101 Tremont
 Atherton Walter, 15 Exchange
 Atwood Harrison H., (Dorchester)
 Avery Philip S., 120 Tremont
 Bacon Lewis H., 50 Bromfield
 Bacon Willard M., 27 Kilby
 Bailey Elmer Smith, 33 Cornhill
 Bailey Robert M., 15 Beacon
 Baker & Parker, Equitable bldg
 Baker Moses E., 31 Beacon
 Bartlett C. H., 580 Mass. av
 Bateman C. J., 293 Washington
 Beal J. William, 62 Summer
 Bellows & Aldrich, 8 Beacon
 Benton E. R., 67 Milk
 Berry & Davidson, 29 Central
 Besarick J. H., 124 Norfolk av (Roxbury)
 Besarick Wm. H., 15 School
 Bigelow & Wadsworth, 3 Hamilton pl
 Bixby Curtis W., 8 Beacon
 Blackall, Clapp & Whittemore, 20 Beacon
 Blaikie Edwin K., 110 State
 Bodwell Albert E., 18 Tremont
 Bonham Edward, 141 Milk
 Boone Allan E., 112 Water
 Boston Society of Architects, 16 Somerset
 Bosworth Geo. F., 112 Water
 Bourne Frank A., 70 Kilby
 Bowditch Arthur H., 44 Bromfield
 Boyden Ernest N., 85 Water
 Brainerd & Leeds, 89 Franklin
 Brigham, Coveney & Bisbee, 184 Boylston
 Brown Chas. A., 53 State
 Brown Chester A., 15 Beacon
 Brown Frank C., 9 Park
 Brown Samuel J., 164 Federal
 Brown Willard D., 31 Beacon
 Campbell E. W., 5 Park Square
 Carah Hedley V., 50 Oliver
 Carpenter A. J., Jr., 39 Dunreath, (Rox.)
 Chamberlain Julian I., 15 Beacon
 Chandler H. S., 73 Newberry
 Chapman E. R. B., 44 Bromfield
 Chapman Wm., 15 Ashburton pl
 Chapman & Frazer, 112 Water
 Chase Wm. C., 8 Marlboro
 Chickering Geo. W., 6 Beacon
 Chisholm Henry, 90 Gladstone
 Clark & Russell, 110 Tremont
 Cleveland & Godfrey, 15 Beacon
 Codman & Despradelle, 31 Beacon
 Cogswell Chas. N., Old South bldg
 Coit Robert, 85 Water
 Colby Herbert W., 46 Cornhill
 Collett Wm. C., 50 Bromfield
 Connor G. Prescott, 18 Dawson
 Cook Geo. L. (Dorchester)
 Coolidge & Carlson, 89 State
 Coolidge & Shattuck, Ames bldg
 Cooper Frank Irving Corp., 33 Cornhill
 Couch Lester S., 70 Kilby
 Cox Wm. H., 53 State
 Craig John J., 53 State
 Cram & Ferguson, 15 Beacon
 Crosby G. Fred., 110 Tremont
 Cummings C. K., 8 Beacon
 Cutter Olin W., 683 Atlantic av
 Darrow Alfred L., 8 Beacon
 Densmore & Le Clear (& Engineers), 88 Broad
 Derby & Robinson, 20 Beacon
 Desmond & Lord, 15 Beacon
 Dillaby Frank H., 101 Tremont
 Dinsmoor Wm. W., 28 School
 Dion Alfred O., 22 Park Vale av
 Dodge Edwin S., 15 Exchange
 Dow Albert H., 101 Tremont
 Dudley Wm. N., 46 Cornhill
 Duffie Harold R., 4 Robert (Roslin-dale)
 Dunham Chas. B., 6 Beacon
 Dykeman & Murray, 15 Exchange
 Eskrigge Frank T., 17 Milk
 Fernald Geo. Porter, 70 Kilby
 Finneran Geo., City Hall Annex
 Fisher, Ripley & Le Boutillier, 45 Bromfield
 Fletcher H. B., 306 North Sta
 Fockens R., 7 Water
 Foss & Pevear, 71 Brimmer
 Fowler J. Chandler, 34 School
 Fowler J. Sumner, 19 Milk

Fox John A., 120 Tremont
 Fox & Gale, 3 Park
 Frost Willard A., 50 Bromfield
 Fuller Geo. A., 18 Tremont
 Funk & Wilcox, 120 Boylston
 Gay & Proctor, 50 Bromfield
 Gowing Frederick H., 18 Tremont
 Graham Edward T. P., 20 Beacon
 Grandgent & Elwell, 44 Bromfield
 Graves Harold S., 57 Mt. Vernon
 Gray Ralph W., 19 Congress
 Greco Charles R., 8 Beacon
 Greenleaf L. C., 101 Tremont
 Halden John C. (Renderer), 8 Beacon
 Hall Albert G., 56 Linwood (Roxbury)
 Hamilton Bradford, 263 Summer
 Harding Wm. E. (Hyde Park)
 Harlow Hamilton, 101 Tremont
 Hartwell, Richardson & Driver, 27 State
 Hasty John A., 46 Cornhill
 Hathaway H. H., 6 Beacon
 Haven H. M. & Crosby Wm. W., 40 Central
 Haven & Hoyt, 220 Devonshire
 Henderson Walter P., 144 Congress
 Henry Ralph C., 12 West
 Hettinger C. F. & Co. (Brewery, etc.), 1140 Columbus av
 Higgins Olstin M. (Hyde Park)
 Hill Warren C., 93 Federal
 Hiltz Harry B., 141 Milk
 Holland Edw. S., 78 Devonshire
 Howe Geo. B., 79 Milk
 Howe Lois L. & Manning, 101 Tremont
 Hoyt Clarence P., 8 Beacon
 Hughes Thos. R., 141 Milk
 Hurd & Gore, 8 Beacon
 Hutchins & French, 6 Beacon
 Hutchison Jas. G., 101 Tremont
 Ingraham George Hunt, 2A Park
 Jackson Allen W., Equitable bldg
 Jackson Louis E., 8 Beacon
 Jackson & Salomonson, 36 Bromfield
 Jacobs Geo. M., 6 Beacon
 James Thos M., 185 Devonshire
 Jenney Alex. S., 50 Bromfield
 Johnson Wm. L., 45 Bromfield
 Joll Harry Dustin, 50 Bromfield
 Kelley James T., 57 Mt. Vernon
 Kelley Samuel Dudley, 209 Wash'n
 Kellogg Harold Field, 141 Milk
 Kendall Frank A., 45 Bromfield
 Kendall, Taylor & Co., 93 Federal
 Keyes Henry F., 78 Devonshire
 Kiesling Homer, 7 Water
 Kilham & Hopkins, 9 Park
 Kimball Herbert S. (Mill Archt.), 111 Devonshire
 Krokyn J. Frederick, 44 Bromfield
 Lamb Thos. W., 112 Water
 Laurence Lewis M., 125 Tremont
 Lavalie John, 7 Water
 Lawrence & Wambolt, 112 Water
 Lee James S., 6 Beacon
 Levy Samuel S., 35 Court
 Lewis Edwin J., Jr., 9 Park
 Lewis G. Wilton, 34 School
 Lewis Wm. W., 15 Exchange
 Little & Browne, 70 Kilby
 Little & Russell, 45 Bromfield
 Littlefield Walter T., 9 Hamilton pl
 Lockwood, Greene & Co., 60 Federal
 Longfellow A. W., Tremont bldg
 Loring Alden C., 53 State
 Loring & Leland, 7 Water
 Loring & Phipps Exchange bldg
 Loud Joseph Prince, 85 Water
 Lowell Guy, 12 West
 Luippold Jno. M., 89 Mozart
 Luquer Lynch, 9 Cornhill
 McClare & Boyd, 649 Mass. av
 McClintock John T., 15 Exchange
 McEwen Peter J., 15 Beacon
 McGinniss Joseph, 16 Arlington
 McGinty Wm. H., 101 Tremont
 McGirr Edw. B., 6 Beacon
 McLaughlin George S., 44 Bromfield
 McLaughlin Jas. E., 88 Tremont
 McLean W. H. & Henry, 110 Tremont
 MacNaughton & Robinson, Paddock bldg
 Maginnis & Walsh, 100 Boylston
 Maher & Winchester, 8 Beacon
 Mahony Fred W., 31 State
 Maney Maurice H., 50 Bromfield
 Martin & Freethy, 141 Milk
 Maynard E. W., 226 Tremont
 Mead Samuel W., Barristers Hall
 Meade Maurice P., 44 Bromfield
 Mears Henry A., 6 Beacon
 Meserve Geo. N., 95 Milk
 Minor Wesley L., 43 Tremont
 Monks & Johnson (& Engrs.), 78 Devonshire

Morrison Wm. L., 70 Kilby
 Morton & West, 16 State
 Mowll Wm. L., Unity bldg
 Murray James, 101 Tremont
 Nevin Chas. K. B., 6 Beacon
 Newhall & Blevins, 9 Park
 Newton Geo. F., 6 Beacon
 Nichols Edward, 70 Kilby
 Nichols W. H., 120 Tremont
 Noble Clinton, 67 Milk
 Norcross F. A., 46 Cornhill
 Norris F. Edgar, 12 West
 O'Connell T. G., 18 Boylston
 Orr Hugh, 88 Broad
 Page Samuel F., 87 Milk
 Park Lawrence, 8 Beacon
 Parker, Thomas & Rice, 110 State
 Parker Wm. Stanley, 120 Boylston
 Parsons G. E., 93 Federal
 Patch Chas. E., 52 Kilby
 Peabody & Stearns, 53 State
 Peare & Quiner, 6 Beacon
 Perkins Chas. Bruen, Perkins nr Jamaica Pond
 Perkins Harland A., 44 Bromfield
 Perry William G., 19 Congress
 Phillips Henry A., 120 Tremont
 Pope Fred, 622 Tremont bldg
 Powell Francis G., 111 Columbia rd, (Dor)
 Powell Percival L., 201 Devonshire
 Power Richard W., 30 Oakley
 Prescott & Sidebottom, 12 Pearl
 Pritchard, Edward H., 87 Milk
 Proctor Benjamin Jr., 46 Cornhill
 Purdon James, 8 Beacon
 Putnam Eliot T., 31 Beacon
 Putnam John Pickering, 535 Beacon
 Putnam & Chandler, 376 Boylston
 Putnam & Cox, 6 Hancock av
 Ramsay H. M., 50 Bromfield
 Ramsey Gilbert M., 730 Boylston
 Rantin Samuel J., 1117 Columbus av
 Rantoul W. G., 6 Beacon
 Reed E. L., 20 Irwin av
 Richards Wm. P., 112 Water
 Richardson A. G., 9 Cornhill
 Richardson, Barott & Richardson, 31 State
 Ritchie Jas H., 8 Beacon
 Robinson Frank J., 44 Bromfield
 Rowe & Smith, 161 Devonshire
 Runyan Edwin S., 220 Devonshire
 Russell C. A. & F. N., 50 1/2 Warren, (Rox)
 Russell H. B., 9 Park
 Safford M. D., 259 Sumner
 St. Clair S. W., 120 Boylston
 Sargent T. M., 162 Tremont
 Schwartz Jacob, 43 Tremont
 Schweinfurth J. A., 53 State
 Schwender Eugene, 161 Devonshire
 Sears W. T., 70 Kilby
 Shaw Thos. M., 15 Beacon
 Sheehan T. Edw., Tremont bldg
 Shepard Geo. F., 14 Kilby
 Sidebottom G. H., 67 Milk
 Silverman Engineering Co., 43 Tremont
 Smith Geo. L., 20 Central
 Smith Jno. J., Old South bldg
 Smith O. F., 70 Kilby
 Snow E. A., 18 Tremont
 Somes & Parsons, 1 Beacon
 Spofford John C., 15 Beacon
 Spring Russell C., 185 Devonshire
 Stearns Frederic Baldwin, 14 Kilby
 Stebbins & Watkins, 164 Federal
 Stevens Edw. F., 9 Park
 Stewart Edmund T., 201 Devonshire
 Stickney & Austin, 50 Bromfield
 Stillings S. W., 101 Tremont
 Stratton E. B., Equitable bldg
 Strickland & Law, 68 Devonshire
 Strout Geo. E., 621 Main
 Stuart Geo. P., 53 State
 Sturgis R. Clipston, 120 Boylston
 Sullivan Matthew, 100 Boylston
 Sylvester Edmund Q., 31 Beacon
 Taylor W. Hart, 50 Bromfield
 Thayer O. A., 89 Franklin
 Tirrell & Fournier, 44 Bromfield
 Tobey Samuel E., 101 Milk
 Turner Alfred C., 683 Atlantic av
 Underwood H. T., 46 Cornhill
 Untersee F. Joseph, 585 Boylston
 Valenti Paul, 382 Riverway
 Vaughan Henry, 20 Pemberton sq
 Vinal Arthur H., 19 Milk
 Walt & Copeland, 46 Cornhill
 Wales Geo. C., 71 Kilby
 Walker Ambrose, 9 Cornhill
 Walker C. Howard, 71 Kilby
 Wardner Herbert L., 93 Federal
 Warren Clinton J., 185 Devonshire
 Warren Harry E., 6 Beacon
 Warren Lyman O., 112 Academy Hill rd

Warren & Gerrish (& Engineers), 53 State
 Warren & Smith, Equitable bldg
 Washburn G. Bertram, 6 Beacon
 Watson Robert A., 38 Hillside, (Roxbury)
 Wells & Dana, 29 Central
 Wetherell Geo. H., 9 Park
 Whitehouse L. A., 100 Boylston
 Wigglesworth Victor H., 82 Chestnut
 Wilson Edward I., 101 Tremont
 Woodbury Daniel H., 1102 Exchange blk
 Woodbury & Stuart, 53 State
 Wright Albert H., 27 Kilby
 Wright Alonzo D., 40 State
 Wright Jas. Hayden, 8 Beacon

BROCKTON—Barlow W. F., Jr.
 Falk Geo. L.
 Jackson Willard F.
 Olson Charles T.

CAMBRIDGE—Bartlett C. H. 580 Mass av
 Barton Howard H., Brattle bldg
 Douglas Nathan, 307 Harvard
 Frost Henry A., Brattle bldg
 Killam Chas. W. (Consulting), Harvard University
 McClare & Boyd, 649 Massachusetts av
 Moore George A., 44 Orchard

CANTON—Capen G. W.

CENTERVILLE—Bearsse Chester

CHELMSFORD—Clark Edwin R.

CHELSEA—Brazillian James A.
 Eisenberg S.
 Noyes Frank A.
 Taylor William Hart

CHICOPEE—Dion Geo. P.

CHICOPEE FALLS—Fugere Geo. H., 67 Main

CLINTON—Thissell Horace A.

COHASSET—See Boston

DALTON—Tower D. H. (& Civil Engr.)

DANVERS—Wright G. H.

DORCHESTER—See Boston

EAST HAMPTON—Tremblay Samuel J., 21 High

EVERETT—Helrich Otto A.
 Loring Alden C.
 Wood Geo. H.

FAIRHAVEN—Bisbee Henry V.

FALL RIVER—Ashton Wm. S., 88 4th
 Corbett Edw. M., 70 Bedford
 Darling Joseph M., Bennett bldg
 Destremps Louis G. & Sons, 754 S Main
 Higgins Joseph I., Borden blk
 Marvell E. I., 57 N Main

FALMOUTH—Tobey W. A.

FISKDALE—Harvey Wm. H.

FITCHBURG—Francis Henry M. & Sons

FRAMINGHAM—Barnes Charles E.
 Clapp Chalmers S.
 Shepherd Frank H.

GARDNER—Bodwell Cyrus F.

GLOUCESTER—Hanson H. M.
 Phillips Ezra L.
 Spooner Herman W.

GREENFIELD—Drew M. R.

GROTON—Park Lawrence

HAVERHILL—Colby Herbert W.
 Damon Bros.
 Day & White
 Ibbotson Jos. W. C.
 McFarland C. T.
 Perkins J. A.

HOLYOKE—Alderman Geo. P. B. & Co., 439 High
 Beauchemin Oscar, City Nat'l Bank bldg
 Chase Wm. R. S., Holyoke Nat'l Bank bldg
 Ellsworth & Howes, 356 Dwight
 Gendreau Hubert L., 830 Chicopee
 Howes W. J., 243 High
 Reid Wm. B., 280 High

HOPKINTON—Phipps Sanford

HYDE PARK—See Boston

IPSWICH—Pickard H. A.

LAKEVILLE—Anderson W. L.

LAWRENCE—Adams Geo. G., 288 Essex
 Allen J. E., 283 Essex
 Ashton & Huntress, 477 Essex
 Cullinane Richard, 288 Essex
 Feugill Jno. H., 316 Essex
 Harding Walter J.
 Kimball W. A., 114 Howard
 Knapp Jerome G., Bay State bldg
 Petzold Herman H.
 Regan Wm. P., 296 Essex
 Reynolds James T.
 Smith Horace H. (mill), Bay State bldg
 Viticoute John B.
 Wilde Samuel H., Bay State bldg

LEICESTER—Doherty Peter J.

LEOMINSTER—Davis Fred'k L.
 Page Leroy J. (& Mill Engr.)
 Stacy Harry H.

LEXINGTON—Brown Willard D.

LITTLETON—Woodbury D. H.

LOWELL—Davis Millard F., Hildreth bldg
 Floyd Warren L., 124 Stevens
 Gardner Everett M., 198 Hollyroad av
 Gilbert Perley F., 53 Central
 Graves Harry Prescott, 18 Shattuck
 Roach Joseph S., 40 Middlesex
 Rourke Henry L., Hildreth bldg
 Stickney & Austin, 18 Shattuck

LYNN—Betton Chas. L., 31 Exchange
 Burgess Chas. V., Security Tr. bldg
 Earp Edwin, 333 Union
 Porter Byron E., 14 Central av
 Rogers Hamilton W., 25 Exchange
 Sanborn Dana A., 38 Exchange
 Simes & Parsons, 145 Munroe
 Varney, Penn, 25 Exchange
 Wheeler & Johnson, 137 Broad

MALDEN—Wilson Dexter E.

MANSFIELD—Foster Geo. L. & Son

MARLBORO—Simonds Warren J.
 Tucker & Brooks

MELROSE—Dow Lewis A.
 Jordan Edward E.

MIDDLEBORO—Black J. Fred

MILFORD—Collins Walter L.
 Cook Rob't Allen

MILTON—Babcock Alton

NANTUCKET—Codd Eliza

NATICK—Fleming Willis N.

NEEDHAM—Pinkham Everard

NEW BEDFORD—Brown Frank C., Chapman bldg
 Destremps Lewis E., N-B Theatre bldg
 Hammond C. & Son, 179 N Water
 McIntyre Jas., Clifford bldg
 Smith & Howland, Union & Pleasant
 Williams John, 97 Merrimack

NEWBURYPORT—Knight Carl M.

NEWTON HIGHLANDS—Fisher Gurdon R.

NEWTONVILLE—Paine Walter J.

NORTH ADAMS—Barlow Edwin T.
 Bond Newton C.

NORTHAMPTON—Pratt Wm. F.
 Putnam & Taylor

PEABODY—Earp Edwin

PITTSFIELD—Harding & Seaver, 7 North
 Haynes Geo. E., Miller bldg.
 McLaughlin Peter F., 24 North
 Vance Jos. M., 24 North
 Wilson H. Neill, 24 North
 Winchell John

PLYMOUTH—Goddard Fred A.

QUINCY—Lofgren Wm. R. (& Builder)
 Pratt J. Winthrop (& Builder)

ROXBURY—(See Boston)

SALEM—Balcomb Edwin B., 228 Sussex
 Fanning Geo. H., 221 Essex
 Rantoul Wm. G., 19 Chestnut

SHARON—Ely Chas H.

SHERBORN—James Thos. M.

SOUTH FRAMINGHAM—Barnes Chas. E.

SPRINGFIELD—Bliss & Lavalley (& Engrs.), 274 Main
 Cobb Albert W., 42 Harrison av
 Dibble Wallace E., 317 Main
 Donahue J. W., 476 Main
 Elvin Frank F., 182 State
 Foster John W., 22 Worthington
 Gardner E. C. & G. C., 33 Lyman
 Green Sam'l M. Co., Inc. (& Engrs.), 293 Bridge
 Huestis & Huestis, 145 Chestnut
 Kirkham & Parlett, 25 Harrison av
 Long Jas. D. (& Mech. Engr.), 307 Main
 McClintock & Craig (& Engrs.), 33 Lyman
 McCracken E. Leo., 417 Main
 Seabury B. Hammett, Besse blk
 Sprague H. L. (& Engineer), 310 Main
 Taylor G. Wood, 425 Main
 Wozny Bruno, 381 Main

TAUNTON—Park Walter L.
 Smith Gustavus L.

UXBRIDGE—Aldrich Leander S.

WALTHAM—Haines William, 85 Robbins
 Ryan Miss Ida Anna & Luscomb F. H., Lawrence bldg
 Strout Geo. E., 621 Main

VINEYARD HAVEN—Hinckley H. M.

WATERTOWN—Brigham Charles
 Gray Arthur F.
 Havnes A. F.

WESTFIELD—Harding Malcolm B.
 Karr Wallace V.

WILLIAMSTOWN—Neal E. H.

WILLIMANSETT—Gendreau H. L.

WINTHROP—Morse Edward P.
 Tyler George H.

WORCESTER—Arlington Claude L., 507 Main
 Briggs L. W. Co., 314 Main
 Camassa Jas. E., 251 Shrewsbury
 Carlson Edwin (& Builder), 54 Hermon
 Chapin Edwin T., State Mutual bldg
 Clemence Geo. H., 405 Main
 Coulson Fred'k, 405 Main
 Cutting, Carleton & Cutting, 44 Front
 Demoorjian H. S., 340 Main
 Fisher Clellan Waldo, 58 Front
 Fitzgerald Edward P., 340 Main
 Frost & Chamberlain, 390 Main
 Fuller & Delano Co., 44 Front
 Halcott Geo. C. (Supt. Public Buildings), City Hall
 Hoyle Chas. R., Slater bldg
 Hulslander John D., Park bldg
 Jacques Urgel, 311 Main
 Kingston John P. & Son, 518 Main
 Lebeau Adolph F., 358 Hamilton
 Lincoln Chas H., 6 Park av
 Nault Onesime E., 8 Wall
 Newton B. S., 1125 Pleasant
 O'Sullivan John J., 314 Main
 Rowe Thomas F., 518 Main
 Topanelian Edw., 340 Main
 Tribe Geo. T., 306 Main
 Zirolli O. C. S. (Mill), 306 Main

MICHIGAN.

ADRIAN—Fretwell John

ALMA—Wood E. M.

ALPENA—Ouder Kirk Thomas A.

ANN ARBOR—Boynton Louis H.
 Koch Rupert W.
 Lorch Emil
 Pipp Herman W.
 Scott Geo.
 Stanton Samuel M.
 Zells Louis F.

BATTLE CREEK—Arnold E. W.
 Chancel A. B.
 Doerr Burt O.
 Puffer Harry

BAY CITY—Clark & Munger
 Floeter P. C.
 Pratt, Bickel & Campbell

BENTON HARBOR—Bennett & Lindenfeld

BIG RAPIDS—White A. J.

BLISSFIELD—Dickinson D. E.

DETROIT—Abraham & Wood, Scherer bldg
 Angell Harry S., Free Press bldg
 Atcheson N. S., David Whitney bldg
 Bailey R. A., 54 Lafayette av
 Barcroft Fred'k T., Fine Arts bldg
 Barnes Chas. F. J., Kresge bldg
 Baxter, Odell & Halpin, Hammond bldg
 Beavis Alfred J., 245 Stanton av
 Benjamin & Straight, 293 Woodward
 Brandt Christian W., Kresge bldg
 Braun Geo. H., Sun bldg
 Brotherton F. E., Equitable bldg
 Burrowes M. R., Trussed Concrete bldg
 Butterfield Wells D., David Whitney bldg
 Buysse Eugene & E. Hartwick, Kresge bldg
 Case J. W., David Whitney bldg
 Chapin Richard S., 1127 Helen av
 Chittenden & Kotting, Dime B'k bldg
 Clafin Fuller, Elks Temple
 Clement Hugh B., Penobscot bldg
 Coquard Leon, 169 First
 Crane C. Howard, Dime Bank bldg
 Czeschinsky Fredk., 410 Mack av
 Darling & Walper, Chamber of Commerce bldg
 Dederichs Peter, Chamber of Commerce bldg
 Donaldson & Meier, Penobscot bldg
 Drolet E. A., 739 Forest av E
 Dunlap E. R., Hammond bldg
 Feldman & Seeler, Kresge bldg
 Fiedler Chas. K., David Whitney bldg
 Finkel Maurice H., Ehrlich bldg
 Finn Robert, Free Press bldg
 Finster C. G., 167 E Grand av
 French Albert E., Goebel bldg
 French A. A. & Son, University bldg
 Gernt Rudolph C., Campau bldg
 Gies Rowland C., David Whitney bldg
 Goff Chas. A., 149 Breckenridge
 Goodrich Wm. F., 3298 Jefferson E
 Goossen Stephen B., 92 Broadway av
 Gottesleben Oscar C., Dime Bank bldg
 Graves Geo. Wm., Rowland bldg
 Gregory E. W., Campau bldg
 Gwizdowski J. J., 901 Russell
 Haas Geo. J., Kresge bldg
 Hallett H. H., 982 Woodward av

Harley Alvin E. & Marr Richard H., Kresge bldg
 Hill Frank E., Gas Office bldg
 Hulbert Geo. D., Broadway Market bldg
 Hunter W. E. N., Cham. of Com. bldg
 Hyder K. Lee, David Whitney bldg
 Jogerst Jos J., Kresge bldg
 Joy Wm. S., Stevens bldg
 Kahn Albert, 58 Lafayette blvd
 Kamper Louis, Fine Arts bldg
 Kastler J. G. & Co., Ch. of Com. bldg
 Kasurin John, Hotel Statler
 Kavioff Otto H., 254 Elizabeth E
 King H. G., Buhl blk
 Koch Rupert W., Chamber of Commerce bldg
 Koehler Chas. W., 221 Hazelwood av
 Kohner Henry, Kresge bldg
 Kroske Paul C., David Whitney bldg
 Ladue & Rahles, Kresge bldg
 Lindhout Pierre, Ashton bldg
 McDonnell J. Philip, Ford bldg
 McLean M. Co., (& Contrs.), 1048 Mt. Elliott
 Macfarlane, Maul & Lentz, David Whitney bldg
 Maclean Building Co., 92 B'way
 Makepeace Stanley, David Whitney bldg
 Malcolmson & Higginbotham, 404 Moffatt
 Marr Richard H., Kresge bldg
 Mason Geo. D., 80 Griswold
 Mildner & Eisen, Hammond bldg
 Millar H. T., Goebel bldg
 Miller John Lawson, Goebel bldg
 Mills Jos. E. & Son, Kresge bldg
 Motl Chas. K., 117 Fort W
 Muehlman Harry G., 505 Wash. Arcade
 Mueller Gustave A., Breitmeyer bldg
 Myers Geo. W., 210 Bethune av
 Nettleton & Weaver, Penobscot bldg
 Palmer Clarence William, David Whitney bldg
 Pickell F. Gordon, Kresge bldg
 Pollmar & Ropes, 45 State
 Pottle Geo. V., David Whitney bldg
 Preston, Brown & Walker, David Whitney bldg
 Raseman R. E., Penobscot bldg
 Reed-Hill Wm., Dime Bank bldg
 Rill Harry J., 54 Buhl blk
 Rogers, Bonnah & Chaffee, Penobscot bldg
 Rossello P. R., 1489 Mack av
 Scott John & Co., Dime Bank bldg
 Shiels Theo. E., Bamlet bldg
 Shippy Chas. E., Broadway Central bldg
 Smith Harry T., Free Press bldg
 Smith, Hinchman & Grylls, Wash'n Arcade
 Spahr Albert H., Grosse Pointe
 Spier & Gehrke, Chamber of Com. bldg
 Stahl & Kinsey, 117 Fort, W
 Steffens G., Dime Bank bldg
 Stevens H. C., Kresge bldg
 Stratton Wm. B., Union Trust bldg
 Swirsky F. & Co., University bldg
 Van Leyen & Schilling, Union Trust bldg
 Van Tine W. H., Fisher Arcade
 Varney & Varney, Palmer bldg
 Varney & Winter, Dime Bank bldg
 Vollmer Wm. H., Cham. of Com. bldg
 Walker Lyman, Ford bldg
 Walsh Jas. J., Chamber of Com. bldg
 Ward Chas. B. Jr., 399 Marlborough av
 Wardrop Norval, 270 Woodward
 Weaver A. E., Penobscot bldg
 Weinberg & Lewis, 540 Hastings
 Wells Dalton R., Ford bldg
 Weston W. C., Kresge bldg
 Wetzel B. C. & Co., Dime Bank bldg
 Wiedmaier F. W., Campau bldg
 Williams Bros., Kresge bldg
 Wilson J. Will, Palmer bldg
FLINT—Bachmann Geo. J.
 Brace Leonard W.
 Evans & Black
 Kaufman H. J.
 Swift Geo. H.
GRAND RAPIDS—Allen Frank P. & Son, Houseman bldg
 Appleyard Geo. T., Widdicomb bldg
 Ballast Egbert, 825 Oakland av
 Benjamin T. & Sons, Wenham bldg
 Clarke W. M., Metz bldg
 Creager H. A., 1834 Jefferson av
 Daverman J. & G., Ass'n of Commerce bldg
 De Camp Lee, Empress Theatre bldg
 Essebagger C. M., Houseman bldg

Lindhout Pierre, Ashton bldg
 Osgood & Osgood, New Herald bldg
 Robinson & Campau, Houseman blk
 Stone G. L., Widdicomb bldg
 Turner H. H., Board of Education
 Vierheilig C. G., Houseman blk
 Weemhoff Harvey H., Murray bldg
 Williamson Crow & Proctor, Gilbert blk
HARBOR SPRINGS—Mead Earl H.
HOLLAND—De Weerd Geo.
 Price James
HOUGHTON—Maas Chas. W.
JACKSON—Allen Claire
 Field L. H., Jr.
KALAMAZOO—Albertsoan Dan J. (Mill)
 Batterson Ernest S.
 De Kam Peter J.
 Fairchild Chas. A.
 Mittig Frank B.
 LeRoy Rockwell A.
 Van Volkenburg Forest D.
 Worden G. G.
LANSING—Black Lee
 Bowd E. A.
 Butterworth S. D.
 Churchill Judson N.
 Moon D. B.
 Phillips Eugene B.
 Smith Harry E.
 White Thos. E.
MANISTEE—Peterson Gust (& Builder)
MARQUETTE—Charlton & Kuenzli
MENOMINEE—Herbert Derrick
MONROE—Dunbar R. M.
MOUNT CLEMENS—Roy Melvin S.
 Van Damme T.
MUSKEGON—Appleyard George T.
 Van Der West & Pease
PAW PAW—Young C. C.
PONTIAC—Fisher Bros.
PORT HURON—Erb Isaac
 Harvey Geo. L.
 Kaumier John C.
SAGINAW—Cooper & Beckbissinger
 Cowles & Mutscheller
 Hollister F. W.
 Mueller Henry B.
 Moore Fred E.
SAULT SAINT MARIE—Demar Edword
TRAVERSE CITY—Moore F. E.
 Petersen Jens C.

MINNESOTA.

ALBERT LEA—Sorenson N. C.
AUSTIN—Hayes Paul J.
BRAINARD—White Bros.
BEMIDJI—Johnson Thos.
CROOKSTON—Keck Bert D.
DULUTH—Allred Wm. P., Jr., Fergusson bldg
 Beyrer W. H., Lyceum bldg
 Bray W. T., Fidelity bldg
 Broomhall E. F., Alworth bldg
 Croft & Boerner, 1st Natl. Bk. bldg
 De Waard John R., Glencoe bldg
 Fitzgerald F. H., 1st Natl. Bk. bldg
 Forsell Ernest, First Nat'l Bk bldg
 German & Jensen, Exchange bldg
 Gilliison & Carson, Glencoe bldg
 Hanford Arthur, Sellwood bldg
 Holstead & Sullivan, Palladio bldg
 Hunt Wm. A., Lonsdale bldg
 Kelley & Williams, 1st Nt. Bk. bldg
 Lignell A., Werner, Alworth bldg
 Loebecke Robt., Columbia bldg
 Nystrom Carl E., Palladio bldg
 Olsen P. M., Sellwood bldg
 Perkins Fred'k W., Alworth bldg
 Price Vernon J & Co., Palladio bldg
 Puck Anthony, Torrey bldg
 Schneider Chris, 216 1/2 W 3d
 Shurick & Hansen, Torrey bldg
 Starin Arthur N., Providence bldg
 Terryberry Austin, Palladio bldg
 Wangenstein J. J., Providence bldg
 Wirth Carl, 13 W Superior
HIBBING—Puck, H. E.
LUVERNE—Green W. E. E.
MANKATO—Gerlach H. C.
 Pass Geo. & Son
 Schippel Albert
MINNEAPOLIS—Bell & Bentley, Inc., Security Bank bldg
 Bennett D. C., 717 Marquette av
 Bertrand & Chamberlin, N. W. Bk. bldg
 Boehme Chris. A., Kasota blk.
 Brown Clarence J., Security Bk. bldg
 Buckley Boland C., Plymouth bldg
 Burner & Macomber, McKnight bldg
 Chapman & Magney, 84 S 10th
 Clausen Arthur C., Lumber Ex.
 Corser Frederick G., N. Y. Life bldg

Crosier Perry E., Plymouth bldg
 Currier Eugene L., Plymouth bldg
 de Brauwere Victor F. V., Plymouth bldg
 Dorr & Dorr, Lumber Exchange
 Downs & Eads, N. Y. Life bldg
 Edwins & Edwins, N. W. bldg
 Fallows E. T., New York Life bldg
 Gage Carl A., Auditorium bldg
 Hartzell & Collins, New York Life bldg
 Hewitt & Brown, 716 4th av, S
 Hinman Clarence G., McKnight bldg
 Huey Geo O., N. Y. Life bldg
 Hultgren W. P., (& Builder), 1314 Marquette av
 Jackson Jerome P., Sec. Bank bldg
 Jones Harry W., Lumber Exch. bldg
 Jones Roy Childs, McKnight bldg
 Kees & Colburn, Donaldson bldg
 Keith, Walter J., 1722 Hennepin av
 Kennedy Ernest, Essex bldg
 Kennison H. A., McKnight bldg
 Kenyon Wm. M., & Maine, Maurice F., Metropolitan Life bldg
 Kinney, F. W., Plymouth bldg
 Lindstrom & Almars, Plymouth bldg
 Long, Lamoreaux & Long, 830 Hennepin av
 Ludwig Edward R., N. Y. Life bldg
 McElroy & Kinports, Essex bldg
 Macomber Wm. K., McKnight bldg
 Mann Fred'k M., McKnight bldg
 Mather & Burner, McKnight bldg
 Nason J. E., Corn Exch.
 Parsons C. Howard, Phoenix bldg
 Petersen H. Adolphus, New York Life bldg
 Purcell & Elmslie, Auditorium bldg
 Purdy W. W., McKnight bldg
 Saxton Glenn L., Plymouth bldg
 Sedgwick C. S., Lumber Exchange
 Snyder Kirby T., Plymouth bldg
 Stebbins & Haxby, Auditorium bldg
 Stone Jacob, Jr., Sec. Bank bldg
 Straus C. B., Security Bank bldg
 Sund & Dunham, Essex bldg
 Tyrie & Chapman, Auditorium bldg
 Van Dyck A. R., McKnight bldg
 Walker H. E., Lumber Exchange
 Westphal O. K., Northwestern bldg
 Whitney Wm. Channing, Ln & Tr bldg
MONTIVEDIO—Granum Martin
MOOREHEAD—Friedlund Bros.
NEW RICHLAND—McGarvey G. A.
NEW ULM—Heers C. A.
NORTHFIELD—Vail Alva E. V.
ROCHESTER—Hoffman Geo. J. & Co.
ST. CLOUD—Carpenter & Co.
 Mann & Pinault
ST. PAUL—Alban & Prins, Endicott bldg
 Alden & Harris, Commerce bldg
 Bartlett Sam'l L., German Life bldg
 Bassford C. A., Gilfillan blk
 Bassindale Lambert, Capital Bank bldg
 Beuchner & Orth, Shubert bldg
 Blewett Geo. A., Endicott bldg
 Cederberg & Van Kirk, Endicott bldg
 Denson Jas. F., Am. Natl. Bk. bldg
 Donohue E. J., Gilfillan blk
 Ellerbe F. H., Endicott bldg
 Erickson Henry E., Am. Nat. Bk. bldg
 Fitzpatrick M. J., 17 W 9th
 Frost Chas. S., Capital Bank bldg
 Gauger A. F., Scandinavian Am. Bk. bldg
 Hartford & Hausler, Pioneer bldg
 Holyoke Thos. G., Endicott bldg
 Jacobson Silas, Capital Bank bldg
 Jandrich H. M., 717 W 7th
 Johnston Clarence H., Capital Bk. bldg
 Keefe W. F., Amer. Nat. Bank bldg
 Linhoff Peter J., German Life bldg
 Lockhart Geo. L., Endicott bldg
 MacLeith Walter D., Am. Natl. Bk.
 Masquary E. L., Endicott bldg
 Mather Ralph, Endicott bldg
 Miller H. A., Pittsburgh bldg
 Pear C. A., Pittsburgh bldg
 Round Olin H., Oppenheim bldg
 Sheldon J. J., W. S. Concord
 Stem A. H., Endicott bldg
 Stevens J. Walter, New York Life bldg
 Stevens W. F., N. St. Paul
 Sullwold H. A., Endicott bldg
 Taylor Bernard J., 367 Prior av
 Tewes Frank X., Endicott bldg
 Wheeler Alfred H., Globe bldg
 Wheeler J. H., New York Life bldg
 Wyville & Stewart, Pittsburgh bldg
THIEF RIVER FALLS—Lutz J. C.
 Spalding & Stewart
VIRGINIA—Okerstrom J. E.
 Shand Charles K.
WILLMAR—Grover C. L.
WINONA—Myhre A. E.
 Patterson C. A.

MISSISSIPPI.

BILOXI—Roof H. H.
 BROOKHAVEN—McCormick Eugene
 CLARKSDALE—Alsop M. M.
 COLUMBUS—McClanahan & Terry (& Builders)
 GREENVILLE—Parker W. H.
 GREENWOOD—McGeoy Frank R.
 JACKSON—Austin H. N.
 Hull Emmett J.
 Overstreet N. W.
 Spencer R. B.
 Willis J. T.
 MAGNOLIA—Kramer X. A.
 MERIDIAN—Krouse P. J.
 Stuart Burt
 Suttle C. E.
 VICKSBURG—Carlisle Louis G.
 Donovan Michael J.
 Stanton Wm. A.

MISSOURI.

BOONVILLE—Ravenel Samuel W.
 CAPE GIRARDEAU—Parlow W. E.
 CARTHAGE—Ehlers A.
 Prather J. A.
 Simpson Percy K.
 COLUMBIA—Pierce Harry L.
 DE SOTO—Hemme Charles
 FULTON—Bell M. F.
 HANNIBAL—Martin Malcolm S.
 Schmitt Ernest
 HIGGINSVILLE—Boyer W. C. & Son
 HOPKINS—Akin John A.
 INDEPENDENCE—McBride R. L.
 JEFFERSON CITY—Miller & Chaffee
 JOPLIN—Michaelis A. C.
 Sudhoelter C. H. Co.
 KANSAS CITY—Adams A. F., 3623 Wyandotte
 Anderson A. B., N. Y. Life bldg
 Bastman Geo. F., 807 E. 15th
 Bill H. S., Gloyd bldg
 Boillot & Lauck, Scarritt bldg
 Boller Carl, Gayety Theater bldg
 Braecklein J. G., Massachusetts bldg
 Brostrom Ernest O., Reliance bldg
 Buckley A. H., Gloyd bldg
 Carman George, Reliance bldg
 Cooley C. D. Co., Waldheim bldg
 Cudworth Frank G., Reliance bldg
 Curtis Reuel A., Reserve Bank bldg
 Curtiss Louis, 1118 McGee
 Dart Whitman, Gumbel bldg
 Drake H. A., Reliance bldg
 Edwards S. E., Sheidley bldg
 Evans Chas. S., Hall bldg
 Felt J. H. & Co., Grand av Temple
 Frink S. R., Commerce bldg
 Fuller Albert B., Reliance bldg
 Gilman J. P., Gloyd bldg
 Goddard H. I., Reliance bldg
 Green Herbert M., Scarritt bldg
 Greenbaum & Hardy, Scarritt bldg
 Guinotte K., Midland bldg
 Harris W. G., Portsmouth bldg
 Hertz Alfred W., Gloyd bldg
 Hofer A. E., 2120 E. 58th
 Hogg Jas. O., N. Y. Life bldg
 Hoyt Henry F., 315 E. 10th
 Holabird & Roche, N. Y. Life bldg
 Jackson Frank J., Orear-Leslie bldg
 Jacobs H. M., 1504 E. 35th
 Keene & Simpson, Reliance bldg
 Lauck & Lauck, Scarritt bldg
 Lubschez Ben. J., Reliance bldg
 McKecknie J. W., Lathrop bldg
 Mack Clyde F., 6 W 43d
 Madorie Edgar P., Reserve Bank bldg
 Markgraf Rudolph, Ridge bldg
 Martling J. H., 15 W 9th
 Michaelis Frederick H., McGee bldg
 Middaugh L. G., 3700 Roberts
 Owen & Payson, Scarritt Arcade
 Parker R. S., Kemper bldg
 Raney & Dumas, Hudson Press bldg
 Root & Siemens, Scarritt bldg
 Rose & Peterson, 715 Minnesota av
 Sanneman & Gould, Reserve Bk. bldg
 Saylor Wm. H., Gumbel bldg
 Schmidt C. P., Shukert bldg
 Schrage W. F., 43 E. 32d
 Schumacher Raman, Scarritt bldg
 Shepard-Belcher Designing & Const. Co.
 Shepard, Farrar & Wiser, R. A. Long bldg
 Sloan Clifton B., 321 E. 11th
 Smith, Rea & Lovitt, Finance bldg
 Smith W. H., Mass. bldg
 Stroeh Herman J., Commerce bldg
 Sumderland J. C., Inter-State bldg
 Tarbet Samuel B., Republic bldg

Thompson J. Francis, Mass. bldg
 Thurtle Jno. G., Ridge bldg
 Turney Albert, 3849 Charlotte
 Underhill H. W. & Co., Bryant bldg
 Van Brunt Cortlandt, Gloyd bldg
 Van Brunt John, Republic bldg
 Vandenberg C. C., Scarritt bldg
 Wight & Wight, 1st Natl. Bk. bldg
 Wilder E. T., First Natl. Bk. bldg
 Williams, Chas. F., Long bldg
 Williams, J. A., New York Life bldg
 Willis Bixby, New York Life bldg
 KIRKSVILLE—Dunbar Irvin
 Dunbar J.
 MEXICO—Elliott Ben. C.
 MILAN—Schultz S. E.
 MOBERLY—Abt Ludwig
 NEOSHO—Garver Wm. L.
 POPLAR BLUFF—Phillips E. B.
 Walker L. B.
 ST. JOSEPH—Boschen W., Tootle Lemon Bank bldg
 Crocker Frank, German Am. Bk. bldg
 Eckel & Aldrich, Corby-Forsee bldg
 Heim R. F., Corby-Forsee bldg
 Meier Rudolph, Lincoln bldg
 Trunk & Gordon, Donnell-Court bldg
 ST. LOUIS—Bahnsen John, Houser bldg
 Barnett, Haynes & Barnett, Century bldg
 Barnett T. P. Co., Cent. Nat. Bk. bldg
 Beattie Wm. J., Holbrook-Blackwell bldg
 Becker Gerhard J., 2904 Bailey av
 Berger Rich. A., 811 N. 15th
 Black A. W. & Son, Security bldg
 Bonsack Frederick C., Pierce bldg
 Bradley Chas. C. (& Builder), 815 Chestnut
 Bradshaw Preston J., Inter'l Life bldg
 Brueggeman G. F. A., 3d Nat'l Bank bldg
 Caldwell Wm. A., De Menil bldg
 Cann & Corrubia, Central Nat. Bk bldg
 Clymer & Drischler, Wainwright bldg
 Deitering Chas. H. Central Nat'l Bk bldg
 Detjen Henry, 4268 Conn.
 Dunham John M. Co., Chemical bldg
 Eames & Young, Wright bldg
 Ewald, Allen & Toensfeldt, Security bldg
 Foell August, 3349 California av
 Fridrich Chas. L., 5120 Wells av
 Griesser Wilhelm, 2819 S. King's Highway boul
 Grote Henry C. (& Builder), University City
 Groves Albert B., 314 N 4th
 Gruen Wm. H., Chemical bldg
 Guentert E., 5707 S. Brilliante av
 Haeger Leonard, 3844 Utah pl
 Haeussler A. F., Roe bldg
 Hall & Graf, Syndicate Tr. bldg
 Heimbürger G. U., Merchants-Laclede bldg
 Helfensteller, Hirsch & Watson, Chemical bldg
 Hellmuth & Hellmuth, Chemical bldg
 Herthel John W., 119 N. 7th
 Hess Ernest J., Times bldg
 Hirshstein J. M., Century bldg
 Hohenschild H. H., Navarre bldg
 Howard Norman B., 5899 Delmar av
 Imbs Thomas F., 2442 N Grand av
 Ittner Wm. B., Bd. of Education bldg
 Jacobs Chas. N., 3630 Minnesota av
 Jamieson Jas P., Security bldg
 Janssen Ernest C., Chemical bldg
 Kennerly & Stiegmeyer, Benoist bldg
 Kirsch Robt. G., 4067 Magnolia av
 Klipstein & Rathmann, Chemical bldg
 Klutho Victor J., Syndicate Tr. bldg
 Knell Albert, Odd Fellows bldg
 Kring Harvey H., 6614 Colorado av
 La Beaume & Klein, Chemical bldg
 Lange John A., Security bldg
 Lawler Edw. J., 408 Olive
 Lee Thomas C., Syndicate Trust bldg
 Levy Wm., Wright bldg
 Link Theodore C. & Son, Carlton bldg
 Little Edmund C., Central Nat. Bk bldg
 Lucas Wm. A., Odd Fellows bldg
 Lynch J. Hal, Dolph bldg
 McArdle Montrose P., Chemical bldg
 McMahon Wm. P., Wainwright bldg
 Maenner & Senne, Central Nat. Bank bldg
 Manny Edmund A., De Menil bldg
 Mariner Guy C., Chemical bldg
 Maritz & Henderson, New Bank of Commerce bldg
 Mauran, Russell & Crowell, Chemical bldg

May Chas. F., Laclede bldg
 Meyer A., Central Nat. Bank bldg
 Mills W. H., Chemical bldg
 Mueller Vincent G., 506 N Vandeventer av
 Nolte & Nauman, Fullerton bldg
 Osterhorn Robt., 1023 N 6th
 Paulus John D., 408 Olive
 Pendleton Louis B., Cen. Nat. Bank bldg
 Powers Herbert W., 211 N 7th
 Preisler Ernst, Title Guaranty bldg
 Ridington A. Blair, 5922 Cates av
 Roach Harry F., Syndicate Tr. bldg
 Roth & Study, Wright bldg
 Saum Architects, Leathe bldg
 Schaumberg Henry Jr., 2811 Indiana av
 Stephens & Pearson, Cent. Nat. Bank bldg
 Study Guy, Wright bldg
 Swarting G. Wm., 5333 Minerva av
 Taylor Isaac S., Mercantile bldg
 Thompson Robt. & Co., 704 Carrie av
 Traber Oliver R. S., Fullerton bldg
 Trueblood Wilbur T., Carleton bldg
 Wageley Geo. L., 5971 Easton av
 Wagner Henry A., 407 N 8th
 Wedemeyer Wm., Wainwright bldg
 Wees J. L., Commercial bldg
 Wessbecker & Hillebrand, 19 S B'way
 Widmann & Walsh, Wainwright bldg
 Wilhelmi Otto J., 406 Market
 Wray Chas. H., Rialto bldg
 Wuest Gustav P., Wainwright bldg
 Yoder C. B. & Co., Ry. Exch. bldg
 SEDALIA—Bast T. W.
 SPRINGFIELD—Brettner O. L., Holland bldg
 Foley W. E., Baker blk
 Heckenlively J. L., Landers bldg
 Reed Geo. F., Holland bldg
 Torbitt A. N., Landers bldg
 WEBSTER GROVES—Opperman C. B.

MONTANA.

ANACONDA—Fisher Homer
 Hyslop W. W.
 Smith Joseph
 BILLINGS—Dedrick & Piner
 Link & Haire
 McAlister G.
 McIver, Cohagen & Marshall
 Oehme C. C.
 BOZEMAN—Willson Fred. F. & Co.
 BUTTE—Arnold & Van House, Daly Bank bldg
 Clark H. H., 7 South Excelsior av
 De Snell G. E., 31 W Montana
 Hamill-Floyd Co., Hirbourn bldg
 Howell H. W., Lewisohn bldg
 Kenna Hermann, Miner bldg
 Link & Haire, Daly Bank bldg
 (branches at Helena, Billings, Lewistown & Miles City, Mont.)
 McGovney C. A., 1056 W Gold
 Nickel R. A., 523½ S Main
 Roberts J. R., 412 Hopkins
 Teague J. C., Owsley blk.
 Warren J. M., Electric bldg
 Wilson C. L., Electric bldg
 DILLON—Roode S. M.
 GREAT FALLS—Johnson Henry Hall
 Levesque J. T. & Co.
 McIver, Cohagen & Marshall
 Mowery W. R.
 Shanley G. H.
 HARDIN—Pruett Chas.
 HELENA—Carsley Geo. H.
 Haire C. S. & J. G. Link
 Kirk C. H.
 McIntosh Jas. A.
 Tufford Allan
 LEWISTON—Link & Haire
 Wasmandorff & Eastman
 LIVINGSTON—Hornbeck F. S.
 Turk C. Hubert
 MILES CITY—Rivenes Brynjulf
 MISSOULA—Bakke O.
 Kennedy & Forbis
 Morin Eugene
 THREE FORKS—Dwyer & Waldorf

NEBRASKA.

BEATRICE—Grant R. W.
 BENKELMAN—Christianson J. H.
 BLAIR—Vaughan Louis
 COLUMBUS—Grabe & Helleberg
 Wurdeman Chas.
 FREMONT—Clark Tom
 Dyer A. H. Co.
 West J. A.
 GENOA—Redbird Simon
 GERING—Pedersen J. C.

GORDON—Sailor C. H.
 GRAND ISLAND—Crocker Frank
 Good Charles
 Kirschke Oscar R.
 HASTINGS—Bradley Robt. E.
 Way C. W. Co.
 LINCOLN—Berlinghof & Davis, S. M. L.
 bldg
 Cordner J. G., Bankers' Life bldg
 Fiske & Meginnis, Bankers' Life bldg
 Larsen Clarence H., Williamson bldg
 McArthur Jos. G.
 Miller J. B.
 Salmon J. W.
 Smith, John R., Nebraska Street bldg
 Steffin W. A.
 Tyler-Brandt & Tyler, Richards bldg
 Woods A. W. (Church Work), Ganter
 bldg
 NORFOLK—Stitt James C.
 OMAHA—Allan Jas. T., Brandeis Theatre
 bldg
 Beck & Conley, Rose bldg
 Bowell C. J., 4218 Dodge
 Brigham N. R., Keeline bldg
 Clarke Frederick W. & Edwin B.,
 Brandeis bldg
 Cottrell Jonathan F. (Church, school
 & library), 1912 Sprague
 Craddock James H., Continental blk.
 Davey J. Jeffery, Brandeis Theatre
 bldg
 Dietrick J. E., 1014 S 28th
 Dodds Everett S. Co., Paxton blk
 Gernandt W. F., State Bank bldg
 Graham-Burnham Co., First Nat'l B'k
 bldg
 Guth J. P., Paxton bldg
 Henninger F. A., Omaha Nat'l Bank
 bldg
 Kimball Thos. R., McCague bldg
 Krelle F. W., Omaha Nat'l Bank bldg
 Kvenild B., Range bldg
 Latenser Jno., Bee bldg
 Lawrie Harry, Paxton blk.
 McDonald John, Omaha Nat'l Bank
 bldg
 Mason J. B., Paxton blk
 Miller Burt F., Brandeis Theatre bldg
 Nachtigall J. M., Paxton blk.
 Nye & Robinson, Brandeis bldg
 Petersen Fred, State Bank bldg
 Prinz Geo. B., Omaha Nat'l Bank bldg
 Raapke H. A., City Nat'l Bank bldg
 Steinbaugh C. W., Brandeis Theatre
 bldg
 Stockham W. E., Range bldg
 Vrana E. H. Co. (& Engineers), Bran-
 deis bldg
 Willis Lloyd D., City Nat. Bank bldg
 SCOTTSBLUFF—Hehnke O. J.

NEVADA.

RENO—Curtis M. J.
 De Longchamps F. J.
 Ferris Geo. A.
 Holesworth Geo. E.
 Holstein Ferber & Deuprey
 Lewis & Ellery
 Schadler F. M.
 VIRGINIA CITY—Dickson R.

NEW HAMPSHIRE.

BERLIN—Bates H. C.
 CAMPTON—James D. B.
 CLAREMONT—Beckwith H. R.
 Martin Clarence L.
 CONCORD—Forrest C. S.
 Griffin Geo. W.
 DOVER—Brown George
 Ramsdell A. T.
 Richardson J. Edward
 KEENE—Mason Harold E.
 Spraulding M. O.
 LISBON—Morgan S. D.
 MANCHESTER—Baker J. Edw.
 Butterfield W. M. Co.
 Guertin J. Noel
 Hutchins & French
 Pelletier Alpheus J.
 Provost Wilfred E.
 Tilton Edward L.
 Whitcher C. R.
 MILTON—Jones I. W.
 NASHUA—Holt Duane F. & Son
 Locke, Miss Harriet F.
 PORTSMOUTH—Paul Henry S.
 Trueman S. S.

NEW JERSEY.

ASBURY PARK—Arend Ernest A.
 Asay Wilbur
 Benner Elmer C.

Brazer Clarence W.
 Cook Clinton B.
 Cottrell W. C. & A. F.
 Dodge Paul L.
 Smith Clarence W.
 Townner K. MacM.
 ATLANTIC CITY—Berry Frank A
 Dobbins Seward G.
 Henderer Earl M.
 Hewitt Wm. S.
 Ireland Bertram
 Mathis J. Vaughan
 Mergenthaler Richard H.
 Ogden Jos. R.
 Riebenack William B.
 Shull Wm. S.
 Smith Vivian B.
 Stout Howard A.
 Vaughn S. Hudson
 BAYONNE—Bagnell Jas. F., 93 W. 8th
 Goldberg Carl I., 437 Broadway
 Lodge Wm. J., 749 Broadway
 Reilly Eugene, 63 W. 34th
 Schmidt John J., 352 Avenue C
 Schule A., 360 Avenue C
 BELMAR—Allen Wilson E.
 BERLIN—Adams Geo. H.
 BEVERLY—Brown Henry A.
 BLOOMFIELD—Bancroft Francis W.
 Pierson Fred L.
 BOUND BROOK—Bent F. H.
 BURLINGTON—Allinson Geo. A.
 Hewitt Wm. D.
 CALDWELL—Bartlett Herbert F. J.
 Lockward Lynn G.
 CAMDEN—Custer & Seltzer
 Moffett & Stewart
 Stephen Thos.
 CLIFTON—Strong Lambert, Main & Clif-
 ton avs.
 COLLINGSWOOD—Rice Harry H.
 CRANFORD—Bell Clyde Chas.
 DOVER—Vreeland J. J., Jr.
 EAST ORANGE—Bower W. Frank, 44
 Harrison
 Eagles Israel C., 153 N 16th
 Garrabrandt Wm. E., 566 Main
 Hasselman Fredk. R., 10 R. R. pl
 Shepard Benj. H., 564 Main
 Schmidt Wm. C., 520 Springdale av
 EDGEWATER—Hayek Andrew A.
 ELIZABETH—Beatty J. B., 15 N Reid
 Clum Wm. E., 120 Broad
 Edwards Robert C., 6 Hillside road
 Hoover W. H., Jr., 10 W. Grand
 Kimball Harry Smith, 113 Orchard
 Oakley & Son, 280 N. Broad
 Poggi C. Godfrey, 2 Julian pl
 Quien Louis, Jr., 229 Broad
 Ring F. G., 280 N Broad
 ENGLEWOOD—Ferry John J.
 Vanderbeek Nelson K.
 GARFIELD—Gerritsen Henry
 Pirrone Frank
 Vegliante Anton L.
 GLENRIDGE—Staab Wm. F.
 GUTTENBERG—Weber Jos.
 GRANTWOOD—Fairweather C. W.
 HACKENSACK—Collins Geo. (& Builder),
 1st & Berry
 Eurich Frank, Jr., 173 Main
 Read Dean D., 274 Park
 HAMPTON—Eilenberger C. W., Main
 HARRISON—Baker Jos. W., 11 N. 4th
 Kennedy Joseph, 6 N. 4th
 HASBROUCK HEIGHTS—Morison Augus-
 tus B.
 HOBOKEN—Beyer Max J., 79 River
 Brokhaus Geo. C., 402 Washington
 Connell J., 208 9th
 Fall Chas., 1400 Washington
 Meystre Fredc. J., 84 Washington
 Stasse John, 533 Garden
 Steigleiter Fredk., 213 Hudson
 IRVINGTON—Allen Jos. B.
 Hopper Daniel A.
 Lemmer Fredk.
 Sonnenberg Jos.
 JERSEY CITY—Davis Abraham, 13 New-
 ark av
 Fienen L. Jr., 3697 Boulevard
 Flagg Geo. A., 665 Newark av
 Long C. Frederick, 1 Montgomery
 Neumann William, 314 Palisade av
 Patterson Edward M., 1 Montgomery
 Quaife Ernest E., 64 Harrison av
 Resch Jno. A., 170 Lexington av
 Roberts Hugh, 1 Exchange pl
 Rowland John T. Jr., 100 Slip av
 Sailer Rudolph W., 76 Montgomery
 Tilton Wm. A., 76 Montgomery
 Von Arx Geo. W., 75 Montgomery
 Wenzel W. K., 76 Montgomery
 Ziegler Christian H., 75 Montgomery
 KEYPORT—Young Henry A.
 LAKEWOOD—Thomas John B.

LITTLE FALLS—Chubb Andrew, Jr.
 LONG BRANCH—Cubberly Leon
 Wilson Clarence D.
 MAHWAH—Bennett Edwin T.
 MAPLEWOOD—Main Lucius Clark
 MONTCLAIR—Fisher H. Messinger, 483
 Bloomfield av
 Lockwood Jesse H., 117 Gates av
 Myers Christopher, 460 Bloomfield av
 Van Antwerp Dudley S., 44 Church
 Yost Henry L., 467 Bloomfield av
 MOORESTOWN—Le Coney Wm. G.
 MORRISTOWN—Behr Frederick H.
 Mills Geo. A.
 Pierson Arthur S.
 Vandoren Wm. C.
 Weir Collins B.
 MURRAY HILL—James Marshall T.
 NEWARK—Acocella J. B., 9 Clinton
 Apgar John A., 246 N 7th
 Arenander Carl E., 587 Summer av
 Aschenbach Walter J., 51 Wakeman
 av
 Ashwell G. Gouverneur, 174 N. 9th
 Baechlin Henry, 665 Broad
 Baldwin Chas. P., 45 Clinton
 Bartlett W. Orrin, 738 Broad
 Bigelow Frederick, 1 Clinton
 Bottelli Romolo, 207 Market
 Brady Harold B., 29 Academy
 Capen John F., 207 Market
 Cella John E., 738 Broad
 Cohen Simon, 163 Springfield av
 Conklin H. King, 665 Broad
 Connelly Arthur, 46 Breitnall pl
 Del Guercio A., 222 Washington
 Ely J. H. & W. C., Fireman bldg
 Erler Richard W., 45 Clinton
 Fitzsimons Wm. J., 207 Market
 Fougnier Ernest H., 800 Broad
 Grad Frank, 245 Springfield av
 Grant Edw. E., 397 Washington av
 Green Jordan, 27 Clinton
 Guilbert & Betelle, 665 Broad
 Higby Gilbert C., 207 Market
 Hooper & Co., 118 Market
 Hughes & Backoff, 31 Clinton
 Jones Geo. E., 9 Clinton
 Jones W. Davenport, 31 Clinton
 Kern Fred C., 14 Gladstone av
 King Henry J., 9 Clinton
 King Jno. V., 9 Clinton
 Kitchell Bruce P., 207 Market
 Kleemann August M., 741 Broad
 Klemm Robert C., 9 Clinton
 Knopf Chas., 523 Springfield av
 Koenigsberger F. H., 665 Broad
 Kreitler Herman, 45 Clinton
 Lehman Wm. E., 738 Broad
 McMurray & Pulis, 31 Clinton
 MacLagan Peter T., 552 Summer av
 Myers Nathan, 7 Nelson pl
 Nobbe Fred G., 142 Market
 O'Rourke Jeremiah & Sons, Essex
 bldg
 Peter, Alfred, 238 Washington
 Phelps Fred A., Union bldg
 Pigott Jas. S., 9 Clinton
 Reeve H. Edward, 763 Broad
 Rizzolo D. R., 238 Washington
 Rosensohn Hyman, 800 Broad
 Schoenig Wm. K. & Son, 422 Spring-
 field av
 Scisorek L., 11 Clinton
 Seudder Henry D. Jr., Essex bldg
 Simpson J. T., Essex bldg
 Staehlin Gustavus, Metropolitan bldg
 Steinbrenner Chas. L., 31 Clinton
 Sutton F. S. & S. E., 9 Clinton
 Thomson A. H., 222 Market
 Valentine Chas. M., 158 Summer av
 Walters Alfred, 45 Clinton
 Warren Edward V., Essex bldg
 Warren John B., Essex bldg
 Welitoff N., 222 Washington
 Wurth Ed. A., 9 Clinton
 Zachau C. F., 45 Clinton
 NEW BRUNSWICK—Boylan Wm. H., 390
 George
 Merchant Alexander, 363 George
 Williamson D. D., 390 George
 NORTH BERGEN—Manahan Edwin F.
 NORTH PLAINFIELD—(See Plainfield)
 OCEAN CITY—Van Gilder Ralph Hayes
 ORANGE—Baldwin Chas. H.
 Colt Samuel S.
 Eichhorn Augustus, 81 Essex av
 Lamb John J.
 Marsh Jos. J., 17 Cone
 Melendy Geo. E.
 Norelli Nicholas A.
 PALISADE—Sibley Ernest
 PASSAIC—Fritz Herman, 237 Main av
 Ginsburg Abraham, 11 Bloomfield av
 Kelly John F., P. O. bldg
 Meeker Wm. M., 9 Bloomfield av

Preiskel Abram, Hobart Trust bldg
Twist Ernest, 229 Main av
Waterhouse Chas. B., 257 Main av
PATERSON—Ackerman Wm. S., Silk City Trust bldg
Benjamin Chas. H., 772 E 25th
Crosby H. B., 1st Nat'l Bank bldg
De Rose Jos., 119 Ellison
Dickinson W. E., 136 Market
Edwards Chas., 129 Market
Fanning Wm. T., Colt bldg
Fielding Fred A., 117 Buffalo av
Folks T. John, Colt bldg
Grosso Flavio B., 126 Market
Houman Oakley, 6 Park av
Rahm August J., 140 Market
Schwarz Fred'k J., 146 Ellison
Sleight Chas. E., Romaine bldg
Stephens Harry Thornton, United Bk bldg
Van Vlandren John, 136 Washington
Wentworth Fred. W., 140 Market
White Chas. E., 617 E 24th
PERTH AMBOY—Brooks Geo. W.
Dayton & Smith
Goldberger & Greisen
Jensen Jens K.
Pierson J. N. & Son
PLAINFIELD—Fisher Geo. H., Jr., 224 Manson pl
French Edw. V., 143 North av
Metcalf Fred L., 143 North av
Smith Chas. H., 124 Grove
POMPTON PLAINS—Phillips Albert
PRINCETON—Hill Harry A.
RAHWAY—Mertens Paul
RED BANK—Delatush J. C. & G. A.
Swannell Jos.
Terhune Edgar A. Cor. Hudson av & Linden pl.
ROSELLE PARK—Polhemus P. B.
SHORT HILLS—Thomas Tysilio
SOMERVILLE—Van Nuys P. C.
SOUTH ORANGE—Bird Louis Francis
Colley Chas. E.
King Graham
SPRINGFIELD—Carter Wm. P.
SUMMIT—Cady Jno. N.
Dow J.
Shapter Rich. S.
White B. V.
TEANECK—Suppes John F.
TENAFLY—Redfield Henry W.
TOWN OF UNION—(See Weehawken)
TRENTON—Consolly Robert G., 40 E State
Endebrook Wm. P., American Mechanic bldg
Hill Harry A., 40 E. State
Hunt J. Osburne, 114 N Montgomery
Klemann & Fowler, First Nat'l Bank bldg
Pette John P., 131 Jackson
Poland W. A., 9 S Stockton
Schumann Robt. A., 932 Lambertson
Slack Wm. W., American Mechanics' bldg
Thines Wm. B., Commonwealth bldg
Tomlinson Harry C., 917 Melrose av
UPPER MONTCLAIR—Mead Charles A.
Simpson A. W.
WEEHAWKEN—Borries Wm. E., 388 B'way
Diemer Philip H., 128 Humboldt
Dixon Robt. C., 544 Park av.
Lugosch J. D., 408 Kossuth
Messmer John P., 140 4th
Shrader Ernest H., 140 4th
Soldwedel & Tatton, 421 Bergenline av
Vivarttas Percie A., 110 4th
WESTFIELD—Collins Edw. R.
Darsh Chas. H.
WEST HOBOKEN—De Paola Angelo, 117 Summit av
Helmers Jno. G., 814 Union
McDermott Edward Co., 582 Spring
Randall Chas. W., 201 Lake
Schultz Peter L., 256 Summit av
Weber Jos., 411 Spring
WEST NEW YORK—Dore A. E., Jr., 650 Bergenline av
Leer Leopold, 632 Fillmore pl
Mayer & Manahan, 711 Bergenline av
Muller Chas. H. A., 322 15th
Schoen Alex C., 711 Blaine av
Turck Joseph, 770 Bergenline av
Willaredt Geo., 411 23d
WEST ORANGE—Tappan Frank E.
WESTVILLE—Dickinson Frank L.
WILDWOOD—Boyer Lynn H.
WOODBIDGE—Meyer Hans
WOODBURY—Shivers Clifford H.

NEW MEXICO.

ALBUQUERQUE—Cristy Edward Buxton
La Driere J. L.
EAST LAS VEGAS—Hart E. W.
ROSWELL—Carr C. R.
Nelson J. M.
SANTA FE—Rapp I. H. & W. M. & Hendrickson A. C.

NEW YORK.

ALBANY—Cosgrave John J., 362 State
Douglass D. Stuart, 100 State
Emery M. L. & H. G., 42 N Pearl
Emery & Macpherson, 121 N Pearl
Fuller & Robinson Co., 95 State
Gleason Thomas L., 45 Maiden la
Heidrich Chas. A., 11 Woodlawn av
Hunt Geo. W., 75 State
Johnson J. Henry, 95 State
Loth & White, 130 State
Merrick & Pember, 51 State
Obenus Nichols Co., 119 State
Ogden Chas. G., 61 State
Palmer & Hornbostel, 51 State
Reynolds Marcus T., 100 State
Robinson Wm. P., 95 State
Rogers Howard, 463 B'way
Schade Wm. C., 25 S Pearl
Selkirk Alex, 133 N Pearl
Shattuck Jas. S., 82 N Pearl
Shoemaker J. D., 24 James
State Architect's Office, Capitol bldg
Sussdorf Chas. A., 100 State
Van Benthuyssen Boyd, 49 Sheridan av
Van Guysling W. H., 1 Clinton sq
Wilkinson J. Lee, 9 Ten Broeck
ALEXANDRIA BAY—Reid J. B.
ALTAMONT—Wright Wheeler D.
AMITYVILLE—Ingles Lewis
AMSTERDAM—Cassidy David D.
Grieme Henry W.
Savage Wm.
ASTORIA—(See N. Y. City, Borough of Queens)
AUBURN—Armstrong Frank H., Seward blk
Hillger Samuel E., Seward blk
Tallman & Betts, 17 Dill
BABYLON—Kelwin H. J.
Van Weelden H.
Wichman H. G.
BALDWIN—Carretto Gustave
Krawiec I.
Seaman A.
BATAVIA—Homellus H. W. & Son
BEACON—Van Slyck Chas. B.
Venus Alfred Day
BINGHAMTON—Bartoo Elfred H., Ackerman bldg
Dickerman E. W., Perry bldg
Gardner H. S., Ackerman bldg
Lacey Sanford O., Phelps Bank bldg
Lacey T. I. & Son, Kilmer bldg
McKinney Corliss, Press bldg
Mather & Carlton, O'Neil bldg
Tiffany & Conrad, Phelps Bank bldg
Tupper G. Edmund, Press bldg
Vosbury C. Edward, Savings Bk. bldg
Whitlock Walter H., Security Mutual bldg
BREWSTER—Waite Frank E.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bacon Edwin P., 1044 Ellicott sq
Beleri Max G., German Am. Bk. bldg
Bellony Alexander N., 537 Woodlawn av
Berry S. R., 445 Breckenridge
Bethune & Fuchs, 215 Franklin
Boughton Wm. H., 1579 Elmwood av
Brickell Wm. S. Co., 595 Ellicott sq
Brown Jos A., 778 Genesee
Cary Geo., 101 W Huron
Cimini Pasquale L., 47 Niagara
Clergy Stephen, Jr., 124 Demond pl
Colson-Hudson, Dun bldg
Coxhead John H., 928 Ellicott sq
Dell Emerson C., 65 Monticello av
Dunning Neil M., Builders Exch
Eckel Louis P., 191 York
Esenwein & Johnson, 775 Ellicott sq
Fayfield Robert C., Iroquois bldg
Fischer Philip, 514 Dodge
Fleming Bryant, Prudential bldg
Geigand Joseph J., 346 Herman
Goldstein Eli W., 47 Niagara
Gould Geo. C., Prudential bldg
Green & Wicks, 110 Franklin
Greenstein L., Prudential bldg
Gwinner Joseph M., 14 Mariner
Haase Edwin C., 558 E North
Harris & Merritt, Erie Co., Bank bldg
Henrich Edw. G., Mutual Life bldg

Hoffman Louis P., 826 Jefferson
Holland H. O., Mutual Life bldg
Hopkins Albert Hart, German Ins. bldg
Horton Harvey S., 27 Manchester pl
Impellittere Jos., 185 Virginia
Joralemon Edgar E., 547 Franklin
Kidd William A., Chamber of Commerce
Lansing, Bley & Lyman, Prudential bldg
Lewis & Hill, Brisbane bldg
Little Hy. H., 56 Norwood av
Mang G. A., Erie Co. Bank bldg
Mann & Cook, Dun bldg
Minks Richard, 290 Hoyt
Metzger Geo. J., 19 W Huron
Miller Martin C., Mutual Life bldg
Moeller Edw. H., 394 Pearl
Mott Chas. Earle, Prudential bldg
North Robt., Prudential bldg
Oberkircher Jacob, 46 Orange
Orr Ulysses G., 32 Builders' Exchange
Perram Henry T., 435 Brisbane
Porter Cyrus K. & Sons, 73 W Eagle
Post A. A., Brisbane bldg.
Reidpath Robert J. & Son, Builders' Exch
Sasse Geo. L., 432 Norwood av
Schmill Carl & Son, Prudential bldg
Schultz Julius C. (Breweries, etc.), 1370 Main
Schurman Frank M., 18 Maple
Siener John G., 76 Thompson
Spann Henry L., 38 Ardmore pl
Walker Jas., Builders' Exchange
Wallace Robert A., Builders' Exch
Wannenwetsch C. H. A., 563 William
Wettstein Charles, 48 A
Wolfe Geo. Morton, 638 Ellicott sq
Wood & Bradney, Mutual Life bldg
Zawadski W. H., 798 Fillmore
CARTHAGE—Patterson A. W.
CATSKILL—Beardsley C.
Warner Geo. H.
CENTRAL SQUARE—Smith Thos.
COHOES—Goddard Wm. M.
CORNING—Tuthill S. E.
CORNWALL—Taylor Harvey B.
CORTLAND—Clark C. W.
EAST HAMPTON—Lawrence J. Custis
EAST SETAUKET—Lyons T. H.
ELMIRA—Considine & Haskell, Hullitt bldg
Dockstader Otis & Son, 103 W Church
Ingham-Veazie, 114 Baldwin
Pierce & Bickford, 120 Lake
ENDICOTT—Crawford F. S., 18 Adams av
EVERGREEN—(See New York City, Borough of Queens)
FAR ROCKAWAY—(See New York City, Borough of Queens)
FLUSHING—(See New York City, Borough of Queens)
FREDONIA—Beebe H. P.
GENEVA—Adams Lloyd P.
Hill I. Edgar
GLENS FALLS—Lawrence W. E.
Potter E. B.
Rhineland R. H.
Scales W. J.
Shippey Ward G.
GLOVERSVILLE—Beattie Arthur A.
Comstock & Van Dreser
Moul Henry S.
GREENWICH—Smith Frederick G. C.
HASTINGS UPON HUDSON—Hastings F. L.
HEMPSTEAD—Baylis I. B.
HERKIMER—Cassidy S. W.
Cronk Charles E.
Sluyter R. E.
HORNELL—Lsie C. S.
Thompson E. J.
HUDSON—De Prosse Victor A.
Moul H. S.
O'Connor M.
ISLIP—Scheffer Morris L. J.
ITHACA—Gibb & Waltz, Trust Co. bldg
Hinckley Henry N., Savings Bank bldg
Miller & Mallory, 139 E State
Vivian Clinton L., 120 E State
Wilgus Jno. M., 102 E State
JAMESTOWN—Hultgreen C. O.
Mason Joseph
Pederson C. C.
Phillips, Fidler & Beck
Rulifson J. W.
Rushworth, Linblad & Corcilious
Wilson F.
JAMAICA—(See New York City, Borough of Queens)
JOHNSTOWN—Simmons P. M. (& Builder)
KENWOOD—Skinner Theodore H.
KINGSTON—Betz Gerard W.
Lowe George
Teller Myron

LARCHMONT—Fish Ferd., (Suburban work only)
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Rich W. H. Son & Co.
MALONE—Hugaboom S. G.
MAMARONECK—Oakley Chas. T.
MARATHON—Holmes John (& Bullder)
MASPETH—(See New York City, Borough of Queens)
MIDDLETOWN—Canfield D. H.
 Valkenburgh E. P.
MOUNT KISCO—Meres F. Guy
MOUNT VERNON—Acocella Michael A.
 Greenfield Robt. A., P. O. bldg
 Guttenberg S. A., Proctor bldg
 Jenks A. Murray
 Kraus William, 121 S 9th av
 Lucas Herbert, Lucas bldg
 Middleton Wm. B., 8 S 4th av
 Miller Geo. L., 13 S 3d av
 Olphert Geo. H. Jr., Proctor bldg
 Perry James H., 349 S 4th
 Stickles Walter F., 37 Prospect av
 Wolf Clarence J., 3 S 3d av
 Wright, Frank M., 36 Claremont pl
NAPANOCH—Norden Andrew B.
NEWARK—Krabben Schmidt E. A. P.
 Van Buren Charles
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Estabrook Frank E.
NEW ROCHELLE—Banard Lawrence, 46 Lawton
 Calafati Salvador S., 221 Huguenot
 Fernschild Geo. J., Jr., 192 Main
 Gahan Wm. G., 254 Huguenot
 Gloria Giuseppe, 19 Madeleine av
 Kiltbau Girstav, 6 Neptune pl
 Lupprian Chas. A., 180 Main
 McCormick Harry E., 270 Main
 Pagan Franklin D., 57 Lawton
 Sundberg August, 78 North av
 Vallett Henri, 192 Main
 Winter Frederick E., 270 Main
 Wise Lorrillard, 254 Huguenot

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Adams Frank, 216 Boerum
 Adelsohn E. M., 1776 Pitkin av
 Allmendinger Louis, 20 Palmetto
 Bauer C., Jr., 801 Manhattan av
 Bennett Thos., 5123 3d av
 Berger Jacob F., 349 13th av
 Berlenbach Francis J., Jr., 260 Graham av
 Berres A., 1484 St. Marks av
 Bly & Hamann, 833 St. Johns pl
 Boyle Jas. A., 367 Fulton
 Brandin Wm., 55 Vanderveer av
 Braun Chas., 459 41st
 Brook Abraham, 350 Fulton
 Cannella Chas. P., 60 Graham av
 Cantor & Dorfman, 373 Fulton
 Carlson Arthur G., 226 Henry
 Cassidy A. F. Corp., 272 Beaumont
 Cobb M. E., 166 Montague
 Cohn Bros., 363 Stone av
 Conway W. J., 400 Union
 Corbett Harvey W., 190 Montague
 Cornell Jos. H., Mott av
 Crane Geo. E., 4710 Jamaica av
 Cromwell J. J., Walsh av
 Dangler Harold G., 215 Montague
 Dassau Fred'k., 1373 B'way
 Debus Wm., 86 Cedar
 Dreyer Jno. G., 75 Oakland
 Driesler Benj., 153 Remsen
 Elsenla Frederic W., 186 Remsen
 Engelhardt C. P., 905 B'way
 Entlich Henry M., 432 S 5th
 Erda Gustave, 826 Manhattan av
 Farber & Markwitz, 189 Montague
 Finkensieper Benj., 134 B'way
 Fischer Adam E., 373 Fulton
 Foot M. D., 1432 75th
 Foster C. A., 2810 Newkirk av
 Friedland Louis H., 177 Penn
 Gastmeyer Chas., 1652 Myrtle av
 Glover J. G., 222 Navy
 Glucoft & Glucoft, 729 Flushing av
 Goldstone, Tobias, 50 Graham av
 Guldborg Chris A., 198 President
 Hamann J. Henry, 109 Forest av
 Hedman Axel S., 371 Fulton
 Helmle & Corbett, 190 Montague
 Heps Henri C., 358 N. Y. av
 Hine F. L., 189 Montague
 Hirsch Max, 391 Fulton
 Holder Henry, Jr., 242 Franklin av
 Holmgren Eric O., 373 Fulton
 Hudson Benj. F., 319 9th
 Imperato F. P., 237 Union

Infanger Chas., 2634 Atlantic av
 Jarden C. J., 1780 81st
 Jeffrey H. T., Jr., Butler bldg
 Kallich & Lubroth, 215 Montague
 Kelly Frank E., 390 Douglass
 Kennedy J. Sarsfield, 157 Remsen
 Koch & Wagner, 26 Court
 Korber Herbert W., 42 Hanson pl
 Kunzi Albert C., 65 Elliott av
 Lasplia & Salvati, 525 Grand
 Lauritzen L., 65 De Kalb av
 Lobenstein Geo. J., 230 Martense
 Lucas D. A. & Co., 98 3rd
 Ludwig Wm. H., 16 Court
 Lupien A., 1204 Carroll
 McCarthy W. T., 16 Court
 Madigan G. Harry, 243 Withers
 Mayer MacDonald, 146 Montague
 Meisinger Emil J., 394 Graham av
 Michel J. G., 323 45th
 Millman S. & Son, 1780 Pitkin av
 Nelson G. M., 819 Halsey
 Nurick H. J., 830 Putnam av
 Parfitt Bros., 26 Court
 Pierce A. White, 26 Court
 Purdy Raymond Jones, 167 76th
 Reiser Mac L., 189 Bristol
 Ricca J. M., 40 Hamburg av
 Rothstein Morris, 1767 Pitkin av
 Rupp Bros., Inc. (& Builders) 189 Montague
 Ryan William J., 162 Ryerson
 Savignano Ferdinand, 6005 14th av
 Schoen Eugene, 371 Fulton
 Shampian & Shampian, 772 B'way
 Simpson Jno., 430 48th
 Slee & Bryson, 154 Montague
 Sprung Harry J., 44 Court
 Stines A. H., Jr., 132 4th
 Stork F. W., 7416 3d av
 Thode & Harvie, 406 9th
 Tillion Philemon, 381 Fulton
 Todaro Vincent S., 1812 W 8th
 Ullrich & Hoffman, 373 Fulton
 Vollweiler Hy., 696 Bushwick av
 Voss & Lauritzen, 65 De Kalb av
 Wandell Jno. C., 4 Court sq
 Werner Chas., 316 Flatbush av
 Werther J. E., 371 Lockwood
 Whinston Morris, 459 Stone av
 Wills Walter B., 1181 Myrtle av
 Winters Wm. C., 106 Van Sicklen av

Boroughs of Manhattan and Bronx.

NEW YORK—Abramson Louis A., 220 5th av
 Ach David M., 1 Madison av
 Adam Louis A., 122 E 25th
 Adams Rayus, 7 W 42nd
 Adams Wm., 15 W 38th
 Adams & Kirby, 17 W 42d
 Ajello Gaetan, 1 W 34th
 Albro Lewis C., 2 W 47th
 Allen Augustus N., 2 W 45th
 Allen Jerome R., 101 Park av
 Allen Paul R., 35 W 39th
 Almirall Raymond F. & Cusachs, 12 E 46th
 Almiroty Randolph H., 220 5th av
 Amory F. D., Jr., 812 Madison av
 Amsler Jacob H., 1616 Crosby av
 Anderson Aug. B., 47 W 34th
 Anderson Donald G., 28 E 49th
 Andrews Chas. M., 69 W 36th
 Andrews Paul A., 40 W 38th
 Architectural League of N. Y., 215 W 57th
 Arend Ernest A., 105 W 40th
 Armstrong & De Gelleke, 122 E 25th
 Arnold Harry J., 345 5th av
 Atterbury Grosvenor, 20 W 43d
 Auslander Alfred, 1750 Topping
 Austin Wm. E., 46 W 24th
 Ayres Louis, 50 E 41st
 Bache Geo., 1215 Cromwell av
 Bacon H., 101 Park av
 Baer Herbert M., 665 5th av
 Baker Jas. B., 156 5th av
 Baker W. Edgar, Jr., 299 Madison av
 Ballantyne Henry F., 2 W 47th
 Ballinger & Perrott, 1328 B'way
 Bannister & Schell, 67 Wall
 Barber Donn, 101 Park av
 Barlow Alfred E., 286 Fifth av
 Barnes Roderic B., 15 E 40th
 Barney John M., 250 W 108th
 Barney & Colt, 40 W 38th
 Bartlett Geo. M., 103 Park av
 Bates & How, 542 5th av
 Bayless A., 33 Bible House
 Beardsley L. S., 38 W 32d
 Beder Harold W., 334 5th av
 Beekman Wm. F., 345 5th Ave
 Beers W. Harmon, 17 Madison av
 Bell Algernon S., 320 5th av

Beman J. Garfield, Park av & 41st
 Benedict Eli, 1947 B'way
 Benedict Frederick S., 50 E 41st
 Benedict Wm K., 527 5th av
 Benson J. P., 331 Madison av
 Berg Chas. I., 331 Madison av
 Berger Bruno W. & Son, 121 Bible House
 Berger Richard & Son, 309 B'way
 Bergesen John, 153 W 126th
 Berlinger & Moscovitz, 320 5th av
 Bernstein Mitchell, 171 Madison av
 Biele Carl F., 381 W 12th
 Birge Charles E., 29 W 34th
 Birkmire Wm. H., 1133 B'way
 Bissell Frank H., 567 5th av
 Bissell Wesley S., 56 W 45th
 Blagden Wendell D., 15 W 38th
 Blair Walter D., 597 5th av
 Blake T. E., 52 Vanderbilt av
 Blakeman Fredk. T., 1 B'way
 Blanchard Huse Templeton, 15 E 40th
 Bleier David, 2339 Morris av
 Bloch & Hesse, 500 5th av
 Bloodgood Wm. E., 681 5th av
 Blum Geo. & Edw., 505 5th av
 Bodker A. J., 62 W. 45th
 Boegel Wm. J., 3 W 29th
 Boehm Geo. A. & H., 7 W. 42d
 Boese, John, 280 Broadway
 Bonagur Vincent, 789 Home
 Boring & Tilton, 32 Broadway
 Bossom Alfred C., 366 5th av
 Bosworth F. Hunt, Jr., 597 5th av
 Bosworth Wm. W., 527 5th av
 Bowler Robt. B., 101 Park av
 Boyd John T., Jr., 15 E. 40th
 Boyd Wm. S., 203 W. 14th
 Boyland Jno. P., 2526 Webster av
 Brady Albert I., 15 Broad
 Brandt John (& Builder), 271 W. 125th
 Brazier Clarence W., 1133 Broadway
 Breiby & Bruno, 206 E 33d
 Brendon Chas., 500 5th av
 Brewster Herbert R., 116 Nassau
 Briggs Fredk. H., 47 W 34th
 Brite James, 18 E. 41st
 Brooks Louis, 150 Nassau
 Brower John, 118 E. 28th
 Brown Irving R., 101 Park av
 Browne Fredk. C., 209 W 102d
 Brun C. B., 405 Lexington av
 Brunner Arnold W., 101 Park av
 Bruyere Louis U., 15 W. 38th
 Buchman & Fox, 42d & Madison av
 Buchtenkirk Geo. C., 21 Park row
 Buckham C. W., 307 5th av
 Budd K. C., 500 5th av
 Buek Chas., 5 E. 42d
 Bunce J. Oscar, 286 5th av
 Burden Chester G., 340 Madison av
 Burley Jas. L., 347 5th av
 Burnett E., 11 E. 24th
 Burton Howard B., 47 W 34th
 Busselle Alfred, 132 Madison av
 Butler Charles, 16 E 23d
 Butler Geo., 62 W. 45th
 Butler & Rodman, 16 E. 23d
 Byrne Edward J., 509 Willis av
 Cady & Gregory, 40 W. 32d
 Cairns Bayard S., 411 West End av
 Caldwell Chas. H., 101 Park av
 Campbell Jas. I., Woodycrest av & 163d
 Campbell Shiras, 103 Park av
 Candler Duncan, 105 W. 40th
 Cardiff J. A. F., 101 Park av
 Caretto & Forster, 30 E 42d
 Carpenter James E. R., 681 5th av
 Carrere & Hastings, 45th & Vanderbilt av
 Casazza Geo. J., 1133 Broadway
 Casey Edw. P., 149 Broadway
 Chambers Walter B., 109 Broad
 Chance Geo. W., 47 W. 34th
 Chapman Henry Otis, 334 5th av
 Chapman Josephine W., 46 Wash sq
 Chappell & Bosworth, 258 Broadway
 Chard Thornton & Walter G., 101 Park av
 Cherry Wm. John., 15 E 40th
 Child Edw. S., 29 Broadway
 Clark Chas. S., 443 E Tremont av
 Clark & Arms, 542 5th av
 Clausnitzer John, 272 3d av
 Clinton & Russell, 32 Nassau
 Clous D. A., 331 Madison av
 Cobb Henry Ives, 527 5th av
 Cocker J. C., 2017 5th av
 Codman Ogden, 340 Madison av
 Cohen Samuel, 32 Union sq
 Cohen Simon, 2205 5th av
 Colby Frank A., 15 E 40th
 Coley Samuel B., 569 5th av
 Collins D. C. Newman, 29 B'way
 Comfort Ralph M., 160 5th av

Comstock Corry B., 110 W. 40th
 Conable Geo. W., 46 W. 24th
 Congdon Henry M. & Son, 18 B'way
 Conover Warren H., 114 Liberty
 Cook Walter, 3 W 29th
 Cooley C. D. Co., 37 E. 28th
 Cordes A. W., 124 W 45th
 Cornell Frank T., Grand Central Term.
 Covell Wm. S., 101 Park av
 Cox Irving, 15 William
 Cox John, Jr., 30 E 42d
 Cram & Ferguson, 33 W 42d
 Crane Theodore, 15 W 38th
 Croke, Anderson & Sunderland, 37
 Liberty
 Crosier Geo. P., White Plains av &
 223d
 Cross & Cross, 681 5th av
 Crow, Lewis & Wickenhoefer, 200 5th
 av
 Cullen Chas. H., 101 Park av
 Curry Robt., 45 Broadway
 Daub Walter T., 341 5th av
 Davis Albert E., 253 E 138th
 Davis Chas. M., 28 E 49th
 Davis, McGrath & Kiessling, Fuller
 bldg
 Day John Bagley, 1265 Broadway
 Deacy Wm. H., 569 5th av
 Dean E. Clarence, 331 Madison av
 De Bobula Titus, 10 E 43d
 De Forest E. G., 280 Madison av
 De Gerdsoff Geo. B., 103 Park av
 De Hart John, 1039 Fox
 Dehli Arne, 257 B'way
 Delano & Aldrich, 126 E 38th
 Delehanty Bradley, 2 W 45th
 Del Gaudio M. W., Webster & Tre-
 mont avs
 Dell Louis E., 1133 Broadway
 De Mueron Francis A., 31 E 27th
 Denby & Nute, 333 4th av
 Dennison, Hiron & Darbyshire, 475
 5th av
 Denslow L. E., 44 W 18th
 De Rosa Eugene, 150 Nassau
 De Rose & Cavaleri, 2333 1st av
 Detwiller Chas. H., 46 Cedar
 Dewsnap Wm., 203 Broadway
 Diemer Julius J., 118 E 28th
 Dietrich E. G. W., 118 E 28th
 Dillon, McLellan & Beadel, 3 W 29th
 Dithey Wm. J., 1 Union sq W
 Ditmars I. E., 111 5th av
 Dodge R. Irving, 233 Broadway
 Dodge & Morrison, 135 Front
 D'Oench & Yost, 105 W 40th
 Dominick William F., 3 W 29th
 Donnell Harry E., 225 5th av
 Donovan & Crandall, 600 Lexington av
 Dorfmann D. W., 69 W 113th
 Downs F. Goodwin, 7 W 14th
 Dress Geo., 1931 Madison av
 Duff Thos. J., 407 W 14th
 Dugan Geo. A., Sr., 200 5th av
 Duncan John H., 347 5th av
 Dunn E. D. & J. C., 527 5th av
 Dunn Thos. F., 953 Woodycress av
 Dunnigan & Crumley, 391 E 149th
 Eberle Jos. J., 489 5th av
 Ecob Robt. Gilbert, 299 Madison av
 Eisendrath Simon B., 500 5th av
 Eisinger L. W., 52 Vanderbilt av
 Ellett Thos. H., Mad. Sq. Gdn. Tower
 Ellis Edmund L., 3 W 29th
 Ellis Irving B., 47 W 34th
 Embury Aymar 2d, 132 Madison av
 Emerson Wm., 597 5th av
 Emery Hy. G., Bible House
 Emery Marshall L., Bible House
 Euell Geo Raymond, 125 Sherman av
 Ewing & Chappell, 101 Park av
 Eyre Wilson & McIlvaine, 317 Lexing-
 ton av
 Falella Wm. A., 391 E 149th
 Falkenhainer E., 25 W 42d
 Fanning Ewd. F., 2 W 45th
 Farley Frank C., 15 W 38th
 Farnsworth Jas. M., 644 8th av
 Farrington Robt. M., Grand Central
 Term.
 Fash Robt. A., 163 W 20th
 Fellheimer, Alfred, 5 E 42d
 Felson J. M., 1133 Broadway
 Fenner Burt L., 101 Park av
 Ferguson Frank W., 33 W 42d
 Ferry T. Ross, 277 Broadway
 Ficken H. Edwards, 10 W 22d
 Field Robt. B., 30 E 42d
 Finlayson Frank L., 2 W 45th
 Fisher Jacob, 25 Av A
 Fitz-Mahony Michael J., 109 Broad
 Fitzpatrick John, 276 E 201st
 Flagg Ernest, 109 Broad
 Fletcher Arthur G. C., Park av & 41st
 Ford, Butler & Oliver, 101 Park av

Forman & Light, 40 Cedar
 Foster & Gade, 15 W 38th
 Frankfort & Kirschner, 820 Westches-
 ter av
 Franklin L. Murray, Jr., 50 E 41st
 Freedlander Jos. H., 244 5th av
 Freeman Alfred, 29 W 34th
 Freeman Frank, 132 Nassau
 Freeman Geo. A., 17 W 44th
 Friedman, Robertson & Keeler, 90
 West
 Friend Jno. H., 148 Alexander av
 Frohne Wm. C., 2463 Davidson av
 Fuhs Adolph, 302 E 87th
FULLERTON, CLARENCE A. (Spe-
 cialties in Fireproof Interiors,
 Banks, Offices, Public Buildings
 etc.), 386 5th av
 Funk H. E., 253 Broadway
 Gage S. Edson, 28 E 49th
 Gail H. L. C., 10 E 14th
 Gardner Robt. W., 43 Cedar
 Garvin Michael J., 3307 3d av
 Gavigan Jas. J. F., 1123 Broadway
 George Thomas J., 32 Nassau
 Gibson Robt. W., 185 Madison av
 Giele Louis H., 1123 Broadway
 Gifford Chas. A., 25 Park pl
 Gilbert A. F., 80 Maiden la
 Gilbert Cass, 11 E 24th
 Gilbert Chas. P. H., 1125 Broadway
 Giller Louis, 395 Broadway
 Gillespie & Carrel, 1123 Broadway
 Githens Alfred Morton, 52 Vanderbilt
 av
 Glasser & Co., 70 Manhattan
 Gleim Geo., Jr., 149 Broadway
 Godley Fredk. A., 15 E 40th
 Goldman Harold, 47 W 34th
 Goldner & Goldberg, 391 E 149th
 Goldrich Phillip, 326 E 98th
 Gompert Wm. H., 171 Madison av
 Goodhue Bertram G., 2 W 47th
 Goodwin, Bullard & Woolsey, 4 E 39th
 Gordon J. Riley, 507 5th av
 Gottlieb Albert S., 303 5th av
 Graham, Burnham & Co., 80 Maiden
 lane
 Grant Chas. C., 37 E 28th
 Grauert Emile W., 36 E 23d
 Gray Albert M., 1402 B'way
 Green Jas. C., 2 Columbus Circle
 Greene Ernest, 5 Beekman
 Greenfield Robt. A., 33 W 42d
 Greenleaf Jno. C., 15 W 38th
 Greenley Howard, 101 Park av
 Gregory Julius, 30 E 42d
 Griebel, Geo. H., 1974 B'way
 Grieshaber Carl F., 4 E 39th
 Griesser Wilhelm, 120 B'way
 Griffin & Wynkoop, 30 Church
 Grimes Marshall R., 39 E 42d
 Gronenberg & Leuchtag, 303 Fifth av
 Gross & Kleinberger, Bible House
 Guard Shirley R., 8 W 40th
 Gurd John A., 281 5th av
 Habersack N. A., 160 W 99th
 Haefell Walter, 245 W 55th
 Haenke J. Martyn Co., 15 Broad
 Haight, Alton, 15 E 40th
 Haight Chas. C., 52 Vanderbilt av
 Hale & Rogers, 470 4th av
 Hamilton John A., 32 B'way
 Hammond Fredk., 3029 3d av
 Hanemann J. Theo., 103 Park av
 Harde & Hasselman, 56 W 45th
 Hardenbergh Henry J., 47 W 34th
 Harder Julius, 120 W 32d
 Hardway Geo. J., 347 5th av
 Harmon Arthur Loomis, 3 W 29th
 Harney G. E., 320 5th av
 Harrison Joseph D., 52 Vanderbilt av
 Harrison M. Joseph, 63 Park row
 Hart Donald P., 3 W 29
 Hart & Schmidt, 15 E 40th
 Hauser John, 353 W 125th
 Hausle Frank, 81 E 125th
 Hawley Hughson, 1 Union sq W
 Hays & Hoadley, 2010 B'way
 Hazlett Wm. C., 1133 B'way
 Hazzard Elliott W., 437 5th av
 Healy Henry J., 320 5th av
 Hedman Axel S., 106 E 19th
 Heidelberg Max G., 15 W 38th
 Heidelberg & Levy, 345 5th av
 Helmer Robert, 286 5th av
 Hemstreet W. T., Woolworth bldg
 Hering Oswald C. & Fitch Douglass,
 8 W. 33d
 Herts Henry B., 345 5th av
 Hewitt & Bottomley, 597 5th av
 Hewlett Wm. A., 1265 B'way
 Higginson Wm., 13 Park row
 Hill & Stout, 299 Madison av
 Hinchman Jno. R., 437 5th av
 Hiss & Weekes, 452 5th av

Hoddick August O., 126 Liberty
 Hof Geo. Jr., 371 E 158th
 Hoffman F. Burrall, Jr., 17 E 40th
 Holabird & Roche, 2 W 47th
 Holden Frank H., 485 5th av
 Holden Lansing C., 103 Park av
 Holler John H., Jr., 82 Wall
 Hollingsworth & Bragdon, 9 E 40th
 Holly Henry H., 38 W 32d
 Holmes & Winslow, 103 Park av
 Holt Chas. L., 150 Nassau
 Holton Alfred J. S., 32 Nassau
 Hood Raymond M., 7 W 42d
 Hooper-Falkenau Eng. Co. (Indus-
 trial), Woolworth bldg
 Hooper Parker Morse, 15 W 38th
 Hopkins Alfred 101 Park av
 Hopkins & McEntee, 37 E 28th
 Hoppin & Koen, 244 5th av
 Horenburger Herrman & Son, 656 E
 163d
 Horenburger & Bardes, 122 Bowery
 Horn E. C. Sons, 1476 B'way
 Horn John B., 25 W. 42d
 Hornum Louis A., 405 Lexington av
 Horowitz, Max R., 25 W. 32d
 Horvay Chas. Z., 1808 Marmion av
 Horwitz Bernhard, 500 5th av
 Hough Wm. C., 110 W 40th
 House John H., Jr., 503 5th av
 Howell Harry T., 149th & Willis av
 Howells & Stokes, 100 William
 Howes Edward T., 503 5th av
 Howland Henry R., 103 Park av
 Huenerberg William, 1114 Forest av
 Hughes Elwood, 210 W 34th
 Hume Raphael, 477 5th av
 Hunt & Hunt, 28 E 21st
 Hunter Paul C., 191 9th av
 Hurwitz H., 270 Grand
 Hutchinson Robert C., 126 Liberty
 Hutton & Buys, 103 Park av
 Ingalls Harry C., 17 E 40th
 Ingle John W., 527 5th av
 Iselin Wm. O'D., 14 E 46th
 Isham Arlington D., 115 Broadway
 Itzel Carl J., 1362 Prospect av
 Jackson Arthur C., 25 Madison av
 Jackson Jos. A., 1123 B'way
 Jackson, Rosencrans & Waterbury,
 1328 B'way
 Jackson Walter H., 500 5th av
 Jacobs Harry A., 320 5th av
 Jaeger Fredk., 441 E Tremont av
 Jallade Louis E., 37 Liberty
 James Elisha Harris, 414 Madison av
 James Franklin Hawley, 154 Nassau
 James & Leo., 124 W 45th
 Jardine, Hill & Murdock, 50 E 42d
 Joannes Francis Y., 52 Vanderbilt av
 Johnson Carl P., 30 E 42d
 Jones Chas. G., 280 B'way
 Josselyn Edgar A., 3 W 29th
 Kahn Ely Jacques, 381 4th av
 Karlsson E. K., 65 W 107th
 Katz Samuel, 405 Lexington av
 Katz & Feiner, 505 5th av
 Kaufman Lewis R., 373 4th av
 Kaufmann, Kilian & White, 110 E 23d
 Kehoe Alfred L. & Co., 657 W 183d
 Keimig Louis J., 347 5th av
 Keister Geo. 56 W 45th
 Kelley Frederic P., 437 5th av
 Kellogg Fay, 32 Union sq E
 Kendall Wm. Mitchell, 101 Park av
 Kenneth W. D., 258 B'way
 Kerby & Call, 470 E Tremont av
 Kerkow Chas., 101 Park av
 Kimball & Roosa, 71 B'way
 King Beverly S., 103 Park av
 Kinsila Ed. B., 223 W 42d
 Kintzing Lester, Grand Central Term.
 Kirby Henry & Petit J. J., 103 Park
 av
 Kirby Walter B., 527 5th av
 Klaber Eugene H., 101 Park av
 Klaber John J., 225 5th av
 Knapp Horace Greeley, 123 Liberty
 Knoche Gottfried, 516 E 72d
 Knowles Harry P., 52 Vanderbilt av
 Knowles Wm. W., 35 W 39th
 Knowles & Bassoe, 280 Madison av
 Knobel John H., 305 W 43d
 Knust Leo F., 110 W 40th
 Koch W. Tilden, 3131 Hull av
 Koechl Otto R., 15 E 40th
 Koehler V. Hugo, 2 Columbus Cir.
 Koelble Henry A., 114 E 28th
 Kohn Robert D., 56 W 45th
 Koppe Wm., 830 Westchester av
 Kramer Geo. W. & Son, 1 Madison av
 Krapp Herbert J., 114 E 16th
 Kreyborg Architectural Co., 1029 H
 163d
 Krug Geo. E., 320 5th av
 Kurtzer William 1753 Boston road
 Ladd Carrol W., 101 Park av

La Farge & Morris, 101 Park av
 Lamb Thos. W., 644 8th av
 Lambert Wm. A., Woolworth bldg
 Landsman Geo. M., 502 W 34th
 Lang Eugene J., 477 5th av
 Langer Nathan, 81 E. 125th
 Larkin E. L., 259 W 34th
 La Velle Paul B., Inc., 103 Park av
 Lawlor Jno. J., 360 W 23d
 Lawlor & Haase, 69 Wall
 Lawrence Warrington G., 225 5th av
 Lawton Geo. M., 30 E 42d
 Lee & Hewitt, 1123 B'way
 Leeming Woodruff, 20 Broad
 Lehlbach Edward, 507 5th av
 Leo John P., 770 St. Nicholas av
 Leonard G. Francis, 5 Beekman
 Levingson S., 101 W 42d
 Levitan Benj. W., 20 W 31st
 Levy Emilio, 56 W 45th
 Licht Geo. A., 126 E 38th
 Lindeberg Harrie T., 2 W 47th
 Lindenmeyer Ludwig, 37 E 28th
 Lindsay Andrew, 37 Liberty
 Lippert F. G., 132 Nassau
 Litchfield Electus D., 477 5th av
 Little & O'Connor, 103 Park av
 Lobo Arthur, 105 W 40th
 Lockwood, Greene & Co., 101 Park av
 Loeb Laurence M., 37 E 28th
 Lord, Hewlett & Tallant, 345 5th av
 Lovell Clinton P., 30 E 42d
 Lowell Guy, 225 5th av
 Lowinson Oscar, 5 W 31st
 Lucas Herbert, 2 W. 45th
 Luce Clarence, 52 Vanderbilt
 Ludlow & Peabody, 101 Park av
 Lyall Earl H., 334 5th av
 Lynch Elliott, 341 5th av
 Lyons Robt. T., 52 Vanderbilt av
 McCabe Geo. M., 96 5th av
 McCrea A. Wallace & Co., 23 E 15th
 McElpatrick Wm. H., 701 7th av
 McGlashan Norman, 1123 B'way
 McGuire Milton H., 101 Park av
 McKee Robert J., 334 5th av
 McKenzie, Voorhees & Gmelin, 1123 B'way
 McKim, Mead & White, 101 Park av
 McQuade Walter, 47 W 34th
 MacKenzie Clinton, 15 Broad
 Mackintosh Alexander, Bible House
 Maginnis & Walsh, 30 E 42nd
 Magonigle H. Van Buren, 101 Park av
 Maher Jas S., 431 W 14th
 Mainzer H. R., 105 W 40th
 Major Howard, 231 5th av
 Mann & MacNelle, 70 E 45th
 Marcus Bertram N., 347 5th av
 Margon Irving, 370 E 149th
 Markowitz Phillip, 405 Lexington av
 Markwith Roland I., 111 5th av
 Marlow Frank S., 11 E 24th
 Marsh & Gette, 46 Cedar
 Marshall Henry Rutgers, 3 W 29th
 Marvin & Davis, 303 5th av
 Masqueray Emmanuel L., 16 E 23d
 Massarine Wm. G., 15 E 40th
 Mathesius F., Jr., 320 5th av
 Mathews Chas. T., 331 4th av
 Maynicke & Franke, 25 E 26th
 Meader Herman Lee, 2 W 33d
 Meehan Jas F. (& Builder), 1029 E 163rd
 Meek James Edwin, 470 4th
 Megirian Jno., 38 W 32d
 Mellen & Walker, 101 Park av
 Mellon Edward P., 52 Vanderbilt av
 Menconi & Ardolino, 335 W 24th
 Merrill Geo. E., 109 Broad
 Merritt Mortimer C., 1170 B'way
 Mersereau Wm. H., 32 B'way
 Mertin Adolph, 34 W 28th
 Metcalfe Louis R., 2 W 47th
 Metzger Geo. C., 18 E 41st
 Meuron F. A. de, 31 E 27th
 Meyer Theodore A., 114 E 28th
 Meyers Chas. B., 1 Union sq
 Miller Wm. P., 52 Vanderbilt av
 Milliken H. O., 331 Madison av
 Mills J. Layng, 15 E 40th
 Mizner Addison C., 431 5th av
 Montgomery H. P. Alan, 105 W 40th
 Moore Frank A., 542 5th av
 Moore W. S., 30 E 42nd
 Moore & Landsiedel, 3d av & 148th
 Moran Wm. Edgar, 15 W 38th
 Morris Chas., 16 E 23rd
 Morse Henry G., 101 Park av
 Mortensen & Co., 405 Lexington av
 Moses Lionel 2d, 101 Park av
 Mowbray & Ufinger, 56 Liberty
 Muller Bernhard E., 477 5th av
 Muller Max, 115 Nassau
 Mulliken Harry B., Park av & 41st
 Mullin Charles Whitely, 507 5th av

Murchison Kenneth M., 101 Park av
 Murgatroyd Everett F., 2764 Morris av
 Murphy & Dana, 331 Madison av
 Myers Nathan, Woolworth bldg
 Nash Arthur C., 345 5th av
 Nash Thos., 52 Vanderbilt av
 Naat Adolph E., 546 5th av
 Necarsulmer Edward, 507 5th av
 Nelson & Van Wagnen, 15 W 38th
 Neville & Bagge, 105 W 40th
 Newman & Harris, 1123 B'way
 Nitchie John E., 61 Park Row
 Nolan John F., 47 W 236th
 Nordheim Henry, 1087 Tremont av
 Oakman Jno., 345 5th av
 O'Brien Morgan M., 49 E 90th
 O'Connor Jas. W., 3 W 29th
 Ogden Palmer H., 105 W 40th
 O'Neil Francis A., 108 Fulton
 Orchard Wm. H., 9 E 40th
 Otto Carl L., 45 B'way
 Paddon Harold E., 50 Church
 Pallme Edw. F., 3 W 29th
 Palmer & Hornbostel, 63 William
 Panaro P., 489 5th av
 Parfitt Albert E., Woolworth bldg.
 Parish & Schroeder, 12 W 31st
 Parker Gurdon S., 10 E 43d
 Parry Oliver R., 115 B'way
 Parsons Floyd Y., 1133 B'way
 Parsons Robert E., 28 E 49th
 Patterson & Dula, 15 E 40th
 Pauli Augustus C., 331 Madison av
 Peabody, Wilson & Brown, 389 5th av
 Peck Chas. F., 5 E 42d
 Peck Laurence F., 15 E 40th
 Peker Chas. G., 345 5th av
 Pelham Geo. F., 30 E 42d
 Pell F. Livingston, 122 E 25th
 Pelton Henry C., 8 W 38th
 Pereira Percival R., 220 W 42d
 Perkins Frank E., 225 5th av
 Phelps Stowe, 20 W 43d
 Philipps R. Stenner, 15 W 38th
 Phillips Alexander, 160 5th av
 Phillips Wm. S., 103 Park av
 Phyfe Lloyd I., University av & Wash bridge
 Pickering Arthur D., 103 Park av
 Pilcher Lewis F. (State Architect), Woolworth bldg
 Pilcher & Tachau, 109 Lexington av
 Pirner Anton, 2069 Westchester av
 Pisciotta Lucian, 391 E 149th
 Pittman, Henry C., 52 William
 Platt, Chas. A., 101 Park av
 Platt Fred'k F., 1123 B'way
 Pohle Geo. H., 122 E 25th
 Polhemus & Mackenzie, 15 E 40th
 Pollard Geo. Mort., 347 5th av
 Poole Thos. H. & Co., 13 W 30th
 Pope Jno. Russell, 527 5th av
 Pope Theodate, 15 E 40th
 Post Geo. B. & Sons, 101 Park av
 Potter Howard N., 35 E 30th
 Potter Wilson, 1 Union sq W
 Prager Raphael, 149 B'way
 Price H. Brooks, 105 W 40th
 Prochazka Ferdinand, 1 Madison av
 Provot George, 104 W 42d
 Purdy W. S., 320 5th av
 Putzel Jos., 29 W 34th
 Quinby Frank H., 99 Nassau
 Radford Architectural Co., 345 5th av
 Rainbow John R., 9 E 40th
 Rainsford W. Kerr, 665 5th av
 Randolph W. S., 200 W 99th
 Rasmussen & Wayland, 1133 B'way
 Raymond W. Oakley, 1123 Broadway
 Regelmann Henry, 133 7th
 Reh I., 320 5th av
 Reid Wilfred C., 1023 Summit av
 Reiley Robt J., 477 5th av
 Reissman Otto, 147 4th av
 Remick Arthur T., 15 W 38th
 Renwick, Aspinwall & Tucker, 8 W 40th
 Renwick Wm. W., 38 W 32nd
 Reynolds K. G., 5 W 16th
 Rice Oran W., Everett bldg
 Rich & Mathesius, 320 5th av
 Richardson Wm. Symmes, 101 Park av
 Richter Chas. H., 68 Broad
 Rieser Ely J., 1st av & 28th
 Rieser Solon J., 314 E 23d
 Riggs John T., 105 W 40th
 Rinderman Henry V., 1031 So blvd
 Ringsworth Chas. R., 120 B'way
 Robertson R. H., 331 Madison av
 Robertson T. Markoe, 331 Madison av
 Robinson F. Delancey, 25th & B'way
 Robinson F. L., 30 E. 42nd
 Rucker & Vate, 15 E 40th
 Rockrise Thos. S., 105 Audubon av

Rogers Jas. Gamble, 470 4th av
 Rogers Pliny P., 477 5th av
 Rogers Robt E., 7 E 42d
 Rogers Wm. J., 50 E 42d
 Rohl Richard, 107 E 10th
 Romeyn Chas. W., 55 B'way
 Rooke Frank A., 489 5th av
 Rose Charles Fred'k, 118 E 28th
 Ross & McNeil, 39 E 42d
 Rossiter & Muller, 15 W 38th
 Roth Emery, 119 W. 40th
 Rouse & Goldstone, 40 W 32d
 Rousseau Co., 2 E 23d
 Rowe & Smith, 1123 B'way
 Rowley John F., 477 5th av
 Russell Wm. J., 25 W 42d
 Santangelo L. B., 2364 8th av
 Sass & Springsteen, 32 Union sq
 Satterlee & Boyd, 3 W 29th
 Satherwaite Pennington, 345 5th av
 Savignano Ferd., 18 E 41st
 Schaeffler Joseph, C. & Co., 38 W 32d
 Schaeffer S. B., 80 Maiden la
 Scharsmith Jno. E., 523 W 146th
 Scheffek Frank J., Park av & 176th
 Scheier John H., 25 W 42d
 Schelling Geo., Mad. Sq. Gdn. Tower
 Schenck & Mead, 105 W 40th
 Schiavone Frank P., 4182 Park av
 Schmitt Anthony F. A., 604 Courtlandt av
 Schneider Walter S., 345 5th av
 Schoen Eugene, 106 E 19th
 Schubert C., 366 5th av
 Schumann Chas. H., 280 B'way
 Schwartz Morris, 190 B'way
 Schwartz & Gross, 347 5th av
 Scopes & Feustmann, 37 E 28th
 See Milton & Son, 15 E 40th
 Sefert Clarence L., 110 W 40th
 Segal Nathan (& engineer), 124 W 112th
 Seifert Karl F. J., 104 W 42nd
 Semsch O. F., 109 Broad
 Senn Edw. R., 126 E 38th
 Serracino Nicholas, 1170 B'way
 Severence H. Craig & Van Alen Wm., 4 W 37th
 Seymour Chas. F., 258 E 138th
 Seymour & Schonewald, Grand Cen. Term
 Shape & Bready, 220 W 42d
 Shapiro Archibald J., 1 Madison av
 Shawhan Romer, 50 E 42d
 Sheinart Louis A., 194 Bowery
 Shepard B. H., 97 Warren
 Shire Edward I., 373 4th av
 Short Chas. W., Jr., 33 W 42d
 Shreve R. H., 52 Vanderbilt av
 Silkworth Chas. E., Jr., 258 B'way
 Simonson B. Hustace, 315 5th av
 Slayter Chas. Keeler, 40 E 53d
 Sloan & Kilgour, 1182 B'way
 Slocum S. Gifford, 101 Park av
 Small Franklin M., 265 B'way
 Smallwood Robert F., 569 5th av
 Smith Bowen B., 104 W 42nd
 Smith Henry A., 52 Vanderbilt av
 Smith J. Andre, 15 E 40th
 Smith Lucien E., 2 W 47th
 Smith Oscar B. Jr., 25 Madison av
 Smith Wm. D., 52 Vanderbilt av
 Smith Wm. Neil, 101 Park av
 Smith Wm. W., 82 Wall
 Smith & Ross, 15 E 40th
 Sneden Arthur Durant, 149 B'way
 Snelling & Metcalfe, 15 W 38th
 Snook John B. Sons, 261 B'way
 Soldwedel & Tattan, 542 5th av
 Somerville Wm. L., 331 Madison av
 Sommerfeld & Steckler, 31 Union sq
 Spannhake Otto L., 13 Park Row
 Stammers S. J., 500 5th av
 Starrett & Van Vleck, 8 W 40th
 Stegmayer Charles, 168 E 91st
 Steinam Jos. L., 40 W 32d
 Steinback G. E., 15 E 40th
 Stenhouse, J. Armstrong, 681 5th av
 Stephenson H. Pendleton, 262 Pearl
 Stephenson & Wheeler, 2 W 45th
 Stern Benj. E., 56 W 45th
 Sterner Fred'k J., 154 E 63rd
 Stever Arthur J., 55 Broadway
 Stillman Michael, 124 E 25th
 Stockton Louis L., 35 W 39th
 Stoddart Wm. L., 9 E 40th
 Stone Fred'k S., 55 B'way
 Stoughton & Stoughton, 96 5th av
 Strack Otto, 220 E 23d
 Straub Chas. M., 147 4th av
 Straub Frank, 25 W 42d
 Streeton Geo. H., 31 E 27th
 Strong Mason R., 7 Wall
 Strout Wm. A., 81 Fulton
 Struthers Robt., 13 W 30th
 Sugarman M. H., 681 5th av

Summerville F. M., 949 B'way
 Sutcliffe Arthur S., 109 Broad
 Swasey Wm. A., 47 W 34th
 Tallant & Graff, 345 5th av
 Tandy V. W., 1931 B'way
 Tatton H., 45 E 57th
 Taussig Hugo, 1476 B'way
 Taylor Alfred H., 138 W 65th
 Taylor & Levi, 105 W 40th
 Taylor & Mosley, 40 Wall
 Teale Oscar S., 35 B'way
 Teichman Robt., 22 William
 Terwilliger D. W., 1 W 34th
 Thain Chas. C., 52 Vanderbilt
 Thinnas Jacob Jr., 299 Madison av
 Thomas Andrew J., 2526 Webster av
 Thompson G. Kramer, 101 Park av
 Tiemeyer John H. Jr., 17 W 44th
 Tillack & Foster, 150 Nassau
 Timmis & Chapman, 315 5th av
 Tompkins John Almy, 20 W 43d
 Tooker & Marsh, 101 Park av
 Towner Wm. T., 366 5th av
 Townsend, Steidle & Haskell, 1328
Broadway

Tracy & Swartwout, 244 5th av
 Tremont Archl. Co., 1910 Webster av
 Trowbridge & Ackerman, 62 W 45th
 Trowbridge & Livingston, 527 5th av
 True Clarence & Son, E 42nd & Lexington av
 Truex Fred'k M., 1170 B'way
 Tryon Thos. 39 E 28th
 Tsuma Numa I., 105 Audubon
 Tubby Wm. B., 81 Fulton
 Tuthill Wm. Burnett, 105 E 22d
 Tuttle Bloodgood, 44 W 33rd
 Tuttle Harry W., 437 5th av
 Tuzo Paul B., 122 E 25th
 Upjohn Hobart B., 456 4th av
 Upton H. Desmond, 20 B'way
 Valentine & Kissam, 25 Madison av
 Van Auker Geo. H., 1265 B'way
 Vander Bent T. J., 101 Park av
 Vander Clute W. W., 55 B'way
 Van Pelt Jno. V., 381 4th av
 Van Valkenburg Carlton, 300 5th av
 Van Vleck & Goldsmith, 111 5th av
 Varian Bros., 400 Oliver pl
 Varian Chester C., 741 E 232d
 Varon David I., 150 Nassau
 Very Samuel R. T., 70 E 45th
 Vickers A. (N. Y. Cent. R. R.), 70 E 45th
 Vitalo Frank E., 16 E 23d
 Voelker John Ph., 979 3d av
 Vollmer & Beersman, 244 5th av
 Volz Chas., 2 W 45th
 Wagner Fred. L., 237 W 120th
 Wagner Stewart, 7 E 42d
 Waid D. Everett, 1 E Madison av
 Walker A. Stewart, 128 E 37th
 Walker Harry L., 103 Park av
 Walker Hobart A., 437 5th av
 Walker Russell Tracy, 47 W 34th
 Walker W. Leslie, 103 Park av
 Walker & Gillette, 128 E 37th
 Walker & Ward, 52 Vanderbilt av
 Wallach J. B., 280 Madison av
 Wallick & Terwilliger, 103 Park av
 Wallis & Goodwillie, 56 W 45th
 Walther Bart. & John P., 147 E 125th
 Wandke W. G., 331 W 14th
 Ward Frank F., 203 B'way
 Ware Jas. E. & Sons, 1170 B'way
 Warren Chas. F., 150 Water
 Warren & Clark, 489 5th av
 Warren & Wetmore, 16 E 47th
 Waterbury H. S., 1328 B'way
 Watson John C., 271 W 125th
 Wayland Harry C., 1133 B'way
 Webb Gregory B., 104 W 42d
 Weeks Louis S., 101 Park av
 Wehrlin Edw., 309 B'way
 Weiher Lorenz F. J., 271 W 125th
 Weiser Arthur, 271 W 125th
 Weissenberger W. Jr., 32 Union sq
 Welch Alex. McM., 11 E 42d
 Wells Geo. H., 10 E 43d
 Wells J. Hollis, 32 Nassau
 Werner & Windolph, 27 W 33d
 Westervelt J. C., 36 W 34th
 Whinston B. H. & C. N., 3rd av & E 148th
 Whitfield Henry D., 160 5th av
 Whitehead H. B., 10 E 43d
 Whitehead Russell F., 132 Madison av
 Whiting Frank P., 103 Park av
 Whiton Aug. S., 101 Park av
 Wiegund W., 45 W 34th
 Wilbur Edwin, 562 W 164th
 Wilder & White, 50 Church
 Wilkinson Henry W., 15 W 38th
 Williams Elwood, 15 W 38th
 Williams Walter, 303 5th av
 Wilson & Visscher, 299 Madison av

Wirsching Louis Jr., 10 E 14th
 Wiseman Harrison G., 507 5th av
 Witt Ferdinand, 569 5th av
 Wohlpert Adolph P., 2 W 45th
 Wolfe John, 2 W 47th
 Wood Arthur W. B., 103 Park av
 Wood Geo. E., 103 Park av
 Woods N. W., 47 W 34th
 Wortmann & Braunn, 114 E 28th
 Wright Frank A., 110 E 23d
 Wulff Chas. A., 340 Madison av
 York & Sawyer, 50 E 41st
 Young Edw. Lee, 118 E 28th
 Young Harold L., 32 Union sq
 Young Wm. E., 1931 B'way
 Zimmermann A. G., 11 E 24th
 Zipkes Maximilian, 405 Lexington av
 Zlot Harry, 63 Grand
 Zobel Fred'k C., 35 W 39th
 Zogbaum Harry St. C., 437 5th av
 Zoeller H. P., 21 Park row

Borough of Queens.

ASTORIA—Braun Frank, 585 9th av
 Fischer Geo. J., 406 12th av
 Hewitt Chas. W., 604 Academy
 Schiller V. (& Builder), 391 10th av
 COLLEGE POINT—Fehn Sidney M.
 CORONA—Card I. P.
 Di Blasi Alfred
 Helm Wm. E.
 Johnson Robt. W.
 McIntyre William M.
 Schneider Ed.
 Schoeller A.
 Varrone Crescent L.
 ELMHURST—Rose Edw.
 Comeau John F.
 Hendry C.
 Wells Geo. H.
 EVERGREEN—Berger Louis & Co., 1652
 Myrtle av
 FAR ROCKAWAY—Cornell Jos. H., Mott
 av
 Howard & Howard, O'Kane bldg
 Smith Morell, Bank bldg
 FLUSHING—Cooper Gustave A., 75
 Whitestone
 Johnson Fred, 46 Prospect av
 Parsons Robert E., 371 B'way
 Richardson A. Edw., 100 Amity
 Wick Geo. W., 45 Main
 JAMAICA—Jeffery H. T. Jr., Butler bldg
 Liebau Hans, Fulton
 Spaulding W. H., 34 Bergen av
 Thomas Otto, 354 Fulton
 LONG ISLAND CITY—Anstey A. D., 1
 Bridge Plaza
 Baker John M., 9 Jackson av
 Boese & Suter, Queens Plaza Ct. bldg
 Chmelik Frank, 796 2nd av
 Hahn Edward, Bridge Plaza
 Korfmann Fred'k W., 406 9th av
 Worrall Wm. S. Jr., Bridge Plaza N
 RICHMOND HILL—Crane Geo. E., 4568
 Jamaica av
 Dean Harry, 1035 Curtis av
 Hadler W. E., 1414 Oxford
 Haugaard Henry E., Hillside Bank
 bldg
 Jeffrey Henry T. Jr. (& Builders),
 Butler bldg
 ROCKAWAY BEACH—Berrian Edwd.,
 Hollands
 Caplan Philip, 16 Court
 Kennedy W. T. & Co., 462 blvd
 Powers J. P. Co., 558 blvd
 Shirkey C. G., 462 blvd
 Smith Jas. B., 404 Boulevard
 ROCKAWAY PARK—Boerum & Farrell
 Hogan Wm. A. (& Builder)
 Rothchild W. S.

Borough of Richmond.

NEW DORP—Grunert James E., 2409
 Rich. rd
 PORT RICHMOND—Pelcher Harry W.,
 Nat'l Bank bldg
 Whitford E. K. (& Builder), 1457
 Castleton av
 STAPLETON—Loeffler Otto, 14 Jackson
 TOMPKINSVILLE—Davies John, 177 Cas-
 tleton av
 Whitford James, S. I. bldg
 (End of New York City)
 NIAGARA FALLS—Featherley Emmett
 R. Jr., 443 11th
 Kirkpatrick Norton, Gluck bldg
 Larke Simon, 719 Main
 Mess Henry G., 1004 Ontario
 Obenhack C. F., Gluck bldg
 Phelps C. R., Gluck bldg
 White Jas. R., Arcade bldg
 Wright & Kremers, Gluck bldg

NORTH TONAWANDA—Johnstone Wm.
 O.
 NORWICH—Cummings J. C.
 Guard Roy
 Hall Herman R.
 NYACK—Buys Arthur Francis
 Emery Henry G.
 Smith E. Baldwin
 OGDENSBURG—Williams & Johnson
 Wilson Geo. E.
 OLEAN—Brickell & Brickell (& at Brad-
 ford, Pa.)
 ONEONTA—Epps Orlo
 OSSINING—Applebee B. L.
 OSWEGO—Cope L. Lynden
 Seeber John H.
 PALMYRA—Blaby Joseph H.
 PATCHOGUE—Conklin Claude C.
 Vrooman C. H.
 PLATTSBURGH—Kalor Fred W. H.
 Signor Ralph L.
 PORT CHESTER—Ponty D. H., Jr.
 Slater Howard P.
 Ward W. A.
 Wetmore W. S.
 PORT HENRY—Curtis John B.
 PORT RICHMOND—(See New York City,
 Borough of Richmond)
 POUGHKEEPSIE—Beardsley Wm. J., 45
 Market
 Carpenter Du Bois, 45 Market
 Freeman G. R., 56 Market
 Ladow J. S., 35 Market
 Leeming & Wardner, 1 Washington
 Rapelye Harry S., 150 Mansion
 Ryder G. Leslie, 42 Market
 Smith Edward C., 39 Market
 RENSSELAER—Gardiner Clarence H.
 Shoemaker James D.
 Teeling Walter W.
 RHINEBECK—Decker R. A.
 RICHMOND HILL—(See New York City,
 Borough of Queens)
 RIVERDALE - ON - HUDSON - Baum
 Dwight J.
 RIVERHEAD—Blume Edwin H.
 Skidmore Geo. H.
 ROCHESTER—Ade Carl C., 344 East av
 Allen Truman A., 134 Av D
 Arnold & Stern, East av bldg
 Barrows Chas. S., 344 East av
 Block & Diemer, Mercantile bldg
 Bragdon Claude F., Cutler bldg
 Brazil & Drago, 62 State
 Brockett F. A., Cutler bldg
 Brockett & Wood, Powers bldg
 Byers Robt. S., Arlington bldg
 Campbell W. A., Cutler bldg
 Chrisp Hugh P., Cutler bldg
 Corbett Lawrence, 129 Weld
 Crandall Chas. F., E. & B. bldg
 Dryer O. W., Cutler bldg
 Eldridge C. W., Cutler bldg
 Foote, Headley & Carpenter, Cutler
 bldg
 Foster & Gade, Sibley bldg
 Fowler Fred H., 329 Garson av
 Fuehrer, Wm. J., 129 Clifford av
 Gordon & Madden, 300 Sibley blk
 Gowney E. P., Granite bldg
 Hatton Horace T., Cutler bldg
 Hirschfelder Chas. M., 62 State
 Hutchinson & Cutler, Cutler bldg
 Iarzelere H. L., Mercantile bldg
 Leggett Clarence F., Granite bldg
 Lempert Leon H. & Son, Cutler bldg
 McCord & Ives, Powers bldg
 Monks G. R. M., 148 Weld
 Montgomery G. S., 17 Main, E
 Newkirk Clement R., Cutler bldg
 Nurse Howard B., Cutler bldg
 Oberlies Jos. H., Granite bldg
 Platt J. Mills, Cutler bldg
 Rees Glenn M., Granite bldg
 Robb, John A., 16 State
 Siegel Abram, 259 Baden
 Stern Leon, Chamber of Com. bldg
 Tyler Jas. R., German Ins bldg
 Vickery John W., Sibley blk
 Upham & Stickney, Cutler bldg
 Van Ingen Hendrik, Rochester Sav.
 Bank bldg
 Walker, Livingston & Brackett, E. &
 B. bldg
 Warner J. Foster, Granite bldg
 ROCKVILLE CENTER—Abrahms F. M.,
 Bungert P. J.
 ROME—Kirkland F. W.
 Schillner G. C.
 Stedman Geo. O.
 RYE—Robinson Henry J., Jr.
 SAGVILLE—Green Isaac H.
 SARANAC LAKE—Schrader Geo. F.
 Scopes & Feustman
 Symonds Wm. H.
 Westhoff Max Harold
 SARATOGA SPRINGS—Breeze & Mallory

SCARBORO-ON-HUDSON—Arnold Clinton S.
SCHENECTADY—Atkinson Edw. G., 434 State
 Davis Ed. L., 159 Clinton
 Heidrich Chas. A., 423 State
 Mynderse W. T. B., Scotia
 Obenhaus-Nichols Co., 208 S. Senter
 Stephens W. E., 152 Barrett
 Van Rensselaer C. G., 175 Jay
SPRING VALLEY—Eickoff O. S.
SYRACUSE—Adams, Norman W., 619 Summit av
 Brockway A. L. & Dwight R. Collin, Third Bank bldg
 Clifford Frank E., 117 James
 Conway Merritt C., 211 Furnam
 Curtis C. M., Vinney bldg
 Flick Ira C., Snow bldg
 French Mansfield J., Snow bldg
 Gaggin & Gaggin, University blk
 Gillette Thurber J., 811 Park
 Granger Merton E., 474 S Salina
 Hallenbeck Earl, 307 Maple
 Howard Edw. A. & Son, Bastable bldg
 La Vaute N. H., Bastable bldg
 Makepeace & Makepeace, Everson bldg
 Mangin Thos. F., 332 S. Salina
 Meehan James D., 1511 First North
 Phoenix Harry D., Union bldg
 Randall James A., S. A. & K. bldg
 Revels Frederick W., Syracuse University
 Russell & King, Snow blk
 Sackett & Park, Syr. Sav. Bank bldg
 Slack Wm. H., 210 Barrett
 Taber & Baxter, Gurney bldg
 Taylor & Bonta, Gurney bldg
 Tracy E. Page, 838 Ackerman av
 Wilsey Chas. D., S. A. & K bldg
 Wright Gordon A., Union bldg
TARRYTOWN—Blouin Jos. Jr.
 Doyle Thomas, North Tarrytown
 Russell Benton S.
TROY—Clark W. E., 506 Frear bldg
 Cummings M. F. & Son, Natl. State Bank bldg
 Demers & Mosley, Union Natl. Bank bldg
 Fielding Harry P., 97 College av
 Hatch Wm. W., 251 B'way
 Lee Stanton P., 55 Third
 Loth Edw. W., 253 B'way
 Millman L. N., Stoll bldg
 Sweet Wm. A., Boardman bldg
TUCKAHOE—Bennett R. A.
 Kilthan Gustave
UTICA—Agne, Rushmer & Jennison, Arcade bldg
 Bagg Egbert, Clarendon bldg
 Berg Edward J., 223 Elizabeth
 Cooper & Bagg, Clarendon bldg
 Decker Harry M., 609 B'way
 Frank Walter G., Clarendon bldg
 George Richard A., 69 Genesee
 Gouge & Ames, 70 Genesee
 Haberer Felix H., 1510 High
 Hobbes Jno. A., Stewart bldg
 Hubbard Melvin H., Paul bldg
 Jackson G. Edwin, Clarendon bldg
 Jones Harvey A., Georgitso bldg
 Klehm Chas. (Mill Archt), Gardner bldg
 Kinne Linn, Mayro bldg
 Stroebel Wm. L., Martin bldg
 Williams T. H., 207 Blecker
WATERLOO—Van Kirk M. L. & Son
WATERTOWN—Eaton & Brownell (Specialty Mills), Smith bldg
 Griffin J. W., Savings Bank bldg
 Hamilton Geo. A., Jefferson Co. Bk bldg
 Hunter Jno. D., 335 Sterling
 Kleff D. D., 24 Flower bldg
 Lansing A. F., Burdick bldg
 Oliver Geo. D., 9 Dewey av
 Skinner A. M., Roth bldg
 Staeg & Dewey, Charlebois Bros. bldg
WESTHAMPTON BEACH—Bishop Leonard H.
WHITE PLAINS—Brown Frank Horton
 Greenfield Robt. A., 15 Court
 Moore Jno. C.
 Petry Louis M.
 Swartwout Russell G.
YONKERS—Birmingham J. Edward, Warburton bldg
 Brady Wm. M., 15 Alexander av
 Briganti Domenico, Philipsburgh bldg
 Brown Elliott L., 506 B'way
 Carr Frank A., 69 Douglas av
 Chamberlain G. Howard, 18 S B'way
 Cowles Geo. S., 8 Getty sq
 Forsyth Edward A., 220 Woodworth av
 Garetner Otto, 339 Palmer av

Heaby Wm., 288 Hawthorne av
 Katz Wm. P., 12 N B'way
 Kirst J. Wilfred, 12 N B'way
 Kodak Stephen J., 34 Warburton av
 Phillips Frank, 79 Morningside av
 Quick H. Lansing, 18 S B'way
 Rayner Geo. & Sons, 13 Warburton av
 Schonbach Anton, 18 S B'way
 Snyder Wm. F., Radford bldg
 Tait Wm. O., Rossmore av
 Thorn Louis F., 18 S B'way
 Van Steutendael Arthur J., 15 N Bway
 Walsh Harold V., B'way cor. Shady la
 Watson Jas. A., 34 Warburton av

NORTH CAROLINA.

ASHEVILLE—Chum Chas. H.
 Claudius Henry F.
 Davis T. E.
 East Wm. J.
 Lord Wm. Henry
 Parker Chas. N., Electrical bldg
 Smith & Carrier
CHARLOTTE—Asbury Louis H.
 Biberstein R. C. (Mill Arch. & Eng.)
 Bonfoey F. L.
 Hook Chas. C.
 Hunter & Gordon
 McMichael J. M.
 Peeps Wm. H.
 Rogers W. G.
 Wheeler & Stern
DURHAM—Linthicum Hill C. & H. Colvin
 Rose Garland R.
ELIZABETH CITY—Kramer, J. B.
FAYETTEVILLE—Thain T. T.
GOLDSBORO—Boney Leslie N.
GREENSBORO—Armfield G. W.
 Weston F. A.
HENDERSONVILLE—Stillwell Erle G.
HICKORY—Herman Q. E.
LEAKSVILLE—Hopper James C.
LOUISBURG—Davis M. Stuart
LUMBERTON—Russell J. M.
MT. GILEAD—Haywood Wm. T.
NEWBERN—Simpson H. W.
RALEIGH—Briggs Jno. D.
 Hartge C. E.
 Keller H. P. S.
 Kennedy J. M.
 Salter J. A.
 Simpson Frank B.
 Thompson Frank K.
ROCKY MOUNT—Perry Samuel E.
 Stout Jno. C.
SALISBURY—Ramsay John E.
SOUTHPORT—Rappleyea Geo. W.
WASHINGTON—Miller C. C.
WILMINGTON—Bonitz Henry E.
 Gause & Lynch
 Leitner J. F.
 Stephens Burret M.
WILSON—Benton & Benton
 Moore S. B.
WINSTON-SALEM—Hendricks G. C.
 Hill J. R.
 Humphreys C. Gilbert
 Keeney, H. M.
 Northrup & O'Brien

NORTH DAKOTA.

BISMARCK—Van Horn & Loven, 209 7th
DEVILS LAKE—Shannon J. A.
FARGO—Ashelman & Gage
 Crabbe S. F.
 Hancock Bros.
 Haxby & Gillespie
 Kurke W. F.
 O'Shea A. J.
GRAND FORKS—Bjorge Chas. N.
 Bjurstedt A.
 Edwards W. J.
 Kech Bert D.
 Ross W. H.
 Winslow Harold E.
MANDAN—Ressler Nick
MINOT—Stacy-Judd Robert
 Woodruff J. C.
VALLEY CITY—McFarland E. H.
WILLISTON—Juelson Edwin

OHIO.

AKRON—Boenisch & Kraus, Ohio bldg
 Cooley C. D. Co., 265 Bowery
 Fichter & Brooker, 2 Nat'l Bk. bldg
 Frank, Wagner & Mitchell, Permanent Title bldg
 Ginther Wm. P., Everett bldg
 Goldstein I. J. Co., Ohio bldg
 Haglock Fred W., Akron Sav. & Loan bldg
 Harpster & Bliss, Nantucket bldg
 Henry & Murphy, 2d Nat'l Bk bldg

Lauer M. P. Hamilton bldg
 Mantz N. A., 234 Spicer
 Robinson P. E., Sec. Natl. bldg
 Trowbridge & Ackerman, Ohio bldg
 Weary F. O., E. Market
 Weise "Nborn" Ralph, 645 N. Howard
ALLIANCE—Matchett W. W.
ASHTABULA—Wilson John L.
BARNESVILLE—Patterson B. C.
BELLEFONTAINE—Shawver John L. & Bros.
BOWLING GREEN—Minor W. H.
 Stewart S. P. & Son
 Strong L. T.
BREMEN—Ricket C. W.
BRIDGEPORT—Lindsay James
BUCYRUS—Unger William
CAMBRIDGE—Orr Jno. F.
 Petrikin J. G.
CANTON—Arbaugh R. B.
 Herrman Edmund
 Pettit & Firestone
 Tilden Guy & Son
 Wagener H. J.
CELINA—Vonder Horst Jos.
CHILLICOTHE—Schweitzer John
CINCINNATI—Baker & Morris, 41 E. 4th av
 Baldwin Bert L., Perin bldg
 Bausmith & Drainie, Gerke bldg
 Boll John H., 621 Main
 Burroughs G. C., Union Trust bldg
 Cordes H. W., Union Trust bldg
 Davis David, 41 E. 4th
 Dean Arthur D., 4611 Main av (Norwood)
 De Camp Benj. C., Neave bldg
 Deeken John Henri, Union Central bldg
 Des Jardins S. E., First Natl. Bk. bldg
 Dittoe, Fahnestock & Ferber, Carew bldg
 Dornette Edward H., Pickering bldg
 Drach Gustave W., Union Trust bldg
 Elzner & Anderson, Ingalls bldg
 Fechheimer A. Lincoln, Union Trust bldg
 Fisher Martin, 2156 Central av
 Foster C. M., Mer. Library bldg
 Franklin Wm. W. & Son, Commercial Tribune bldg
 Garber & Woodward, Union Central bldg
 Glaser Emile F., Gerke bldg
 Godley S. S. & G. H., Neave bldg
 Hake Harry, Telephone bldg
 Hannaford S. & Sons, Hulbert blk
 Hensgen Fred., 4118 Sherman av (Oakly)
 Hildreth & Beckman, 311 W 17th
 Hooper Henry N., Lincoln Inn Court
 House C. W. & Sons, 819 Madison av
 Hughes B. S., Commercial Tribune bldg
 Hunt Roland E., First Nat'l Bk. bldg (Norwood)
 Kau Max, 2241 Stratford av, Clifton Heights
 Kegler E. R., Plaza Theatre bldg (Norwood)
 Klein Albert F., Union Trust bldg
 Kruckemeyer Edwd. H., St. Paul bldg
 Kuball Albert C., Lincoln Inn Court
 Kunz Anthony, Jr., 955 W. Court
 Lindsay J. R., Kennedy Heights
 McClorey Howard, Gerke bldg
 McDermott & Collopy, First Natl Bk. bldg
 Naylor M. E., 1319 Walnut
 Owens Chas. S. (& Builder), 6739 Bramble av (Madisonville)
 Pfeiffer Walter, 10 E. McMillan
 Price Harry M., Mer. Library bldg
 Rieg Anton, 2554 Vine
 Robinson W. Stanton, 326 Purcell av
 Rueckert Jacob J., Allen bldg
 Sax Moritz, 4th Nat'l Bank bldg
 Schmitz Harley C. & J. J. (& Builders), 3344 Observatory rd (Hyde Park)
 Schwartz Oscar, Provident Bank bldg
 Schwarz Julius J., 1514 Elm
 Sheblessy J. F., Blymyer bldg
 Simms J. Clay, 2643 Colerain av
 Slocemyer Edward, Lincoln Inn Court
 Smith & Heitmeyer, Atlas Bank bldg
 Stegner & Hughes, Commercial Tribune bldg
 Steinkamp Jos. G. & Bro., Mercantile Library bldg
 Stewart James R. & Robt. W., Bell blk
 Taylor Chas. C., Mitchell bldg
 Tebow Newton, 519 Main
 Thom John C. & Sons (& Builders), 4523 Glenway av

Tietig & Lee, Fourth Nat'l Bank bldg
 Weber C. C. & E. A., Natl. Bk. bldg
 Werner & Adkins, Mer. Library bldg
 Wilson L. H., 10 W 4th
 Wisenall Bernard T., 1st Nat'l Bank bldg
 Zettel & Rapp, Johnston bldg
CLEVELAND—Archer-Frost Co., 1900 Euclid av
 Babcock & Penton, Penton bldg
 Badgley S. R., 6408 Euclid av
 Baird Frederick, Bangor bldg
 Barnum F. S., Board of Education bldg
 Berman Sam'l J., Lennox bldg
 Bohm G. B., Williamson bldg
 Bohnard & Parsson, Euclid bldg
 Briggs & Nelson, Rose bldg
 Cahill & Armstrong, Hippodrome bldg
 Caldwell Walter G., Williamson bldg
 Cameron James L., 1900 Euclid av
 Chamberlin O. N., Schofield bldg
 Clark Harlan M., New England bldg
 Cone Harry A., Schofield bldg
 Coghlan & Saunders, Electric bldg
 Conner Theodore, Park Bldg.
 Corbusier J. W. C., Lennox bldg
 Corning Burt W., Schofield bldg
 Crabb Robert, 5607 Euclid av
 Crowe M. A., Leader bldg
 Davidson H. O., 10209 Somerset av, N. E.
 Dercum & Beer, 4500 Euclid av
 Di Camillo Raymond C., Cuyahoga bldg
 Dodds-Page Co. (Consulting), Lennox bldg
 Dyer J. Milton, Cuyahoga bldg
 Eisenmann John, The Arcade
 Fish F. S., Superior bldg
 Fraser James M., 44 Knowles (E. C.)
 Fulton & Taylor, Hippodrome bldg
 Gabelle Henry C., 1900 Euclid av
 Garfield Abram, Garfield bldg
 Gawn, D., 11619 Detroit av
 Gibbons E. F., Erie bldg
 Goldfein E. H., Reserve Trust bldg
 Graham John H., 1836 Euclid av
 Griebble G. A., Park bldg
 Griffith F. Morrison, 11511 St. Clair av
 Hall Wilbur M., Lenox bldg
 Hammond Geo. F., 4220 Prospect av, S. E.
 Hatch Edw. G., 269 Rozelle av
 Hinsdale Reynold H., Erie bldg
 Hirsch Willard, Swetland bldg
 Hodges W. W. Co., Schofield bldg
 Hopkinson Chas. W., Rose bldg
 Howell & Thomas, Cuyahoga bldg
 Hradilek Henry, Illuminating bldg
 Hroneck F. J. (& Engineer), Rose bldg
 Hubbell & Benes, 4500 Euclid av
 Hubby R. G., Caxton bldg
 Huberty Ernest, 8017 Whitethorn av, N. E.
 Hudson W. Asa, Williamson bldg
 Hulet Ralph M. Co., Erie bldg
 Janowitz A. F., 746 Euclid av
 Jansen Wm. C., 813 Prospect
 Jeffrey H. J., Union bldg
 Johnson Geo. H., Citizens bldg
 Kalsch John, 4500 Euclid av
 Kauffman Architectural Co., Rose bldg
 King Geo. S., 746 Euclid av
 Knox & Elliott, Rockefeller bldg
 Koehl Wm., Park bldg
 Lehman & Schmitt, Electric bldg
 Logan & Rankin, Rockefeller bldg
 Long & Long, Leader-News bldg
 Lougee Wm. S., Marshall bldg
 Luzius P. H., 942 Prospect
 McGrath J. P., Schofield bldg
 Matzinger Paul, Lennox bldg
 Mauer Herman W., Schofield bldg
 Meade F. B. & J. M. Hamilton, 1002 Garf
 Miller J. M., Leader-News bldg
 Mills, Rhines, Bellman & Nordhoff, Schofield bldg
 Mitermiller A. S., 1592 94th pl, N. E.
 Mooney Wm. J., Amer. Trust bldg
 Morrow David W. (Archl. Engrs.), Garfield bldg
 Morse H. M., Citizens bldg
 Newson John Henry, Williamson bldg
 Nicklas Wm. H., 1900 Euclid av
 Oviatt A. N., Guardian bldg
 Owen W. C., Leader-News bldg
 Pennington Chas. S., 14707 Lake av
 Petti N., 11805 Euclid av
 Porter Harry L., Society for Savings bldg
 Post Geo. B. & Sons, Schofield bldg
 Powell Wm. R., Hippodrome bldg
 Richardson & Yost, Rockefeller bldg

Ritchie Geo. W., Leader-News bldg
 Robinson P. E., Leader-News bldg
 Ruggles Edd A., Rose bldg
 Sabin Wm. Warren, New England bldg
 Schneider Chas. S., 2248 Euclid av
 Schneider & Potter, Cuyahoga bldg
 Schweinfurth Chas. F., Garfield bldg
 Scofield Levi T., Schofield bldg
 Shaffer Matthew T., Citizens' bldg
 Shimmin Harlen E., Wilbrandt bldg
 Shupe Harry L., Marshall bldg
 Siepel-Kuhlman Co., Williamson bldg
 Skeel, Albert E., Avenue bldg
 Skeel Frank D., Vickers bldg
 Smith Edward E., Williamson bldg
 Smith Geo. H., Colonial Arcade
 Smith Walter H., Union bldg
 Sprackling A. E., Caxton bldg
 Stapf Otto K., Rose bldg
 Starrett & Van Vleck, Cuyahoga bldg
 Stedman Chas. R., 1327 E 105th N. E.
 Steffens & Steffens, Williamson bldg
 Striebinger Frederic W., 1900 Euclid av
 Swigart Herbert, Permanent bldg
 Tenbush Garhard A., 1854 E 79th
 Thomas Lewis W., Pythian bldg
 Tousley Chas. E., 4500 Euclid av
 Vetter H. G., United Bk. bldg
 Vorce M. B. & Co., 10231 Ashbury av
 Walker & Weeks, 1900 Euclid av
 Walsh Henry A., Lennox bldg
 Warner Franz C., Hippodrome Annex
 Warner Jno., Marion bldg
 Watterson Wm. R., Guardian bldg
 Weis S. H., Schofield bldg
 White Charles F., Citizens' bldg
 Wolf A. C., Swetland bldg
 Wright & Hohl, American Trust bldg
 Zosnick H. L., Superior bldg
COLUMBUS—Babbitt Edw. F., Hayden bldg
 Bellows C. W., Ruggery bldg
 Bradford Jos. N., Brown Hall, O. S. U.
 Brown R. G. & Co., Grand Theatre bldg
 Bryan Frank, Cols. Sav. & Trust bldg
 Corbett Miss Ella M., Hayden bldg
 Darst Otto C., Brunson bldg
 Dawson Richard, Brunson bldg
 Elliott Fred'k W., Cham. of Com. bldg
 Goldsmith Jacob S., Wheeler bldg
 Gribben J. Upton, Col. Sav. & Tr. bldg
 Holbrook Harry C., Outlook bldg
 Howard & Merriam, 8 E Broad
 Howell & Thomas, 151 E Broad
 Insocho C. L., Brunson bldg
 Jones H. Chas., Grand Opera House blk
 Jones J. A., Dispatch Annex
 Julian V. S. & R. E., 576 N High
 Marriott, Allen & Hall, 20 E. Broad
 Matheny, Allen & Mounts, Harrison bldg
 Mills Wilbur T. Co., 65 E Long
 Mounjoy Carl H., 1452 Bryden rd
 Packard F. L., Hayden bldg
 Pruitt Edw. E., Hartman bldg
 Richards McCarty & Bulford, Hartman bldg
 Ridgeway J. A., 861 W Rich
 Riebel & Sons, 1st Nat. Bk. bldg
 Rusk & Sheets, Brunson bldg
 Stribling & Lum, 85 N High
 Snyder Ralph, Hayden bldg
 Todhunter H. H., Hayden bldg
 Tremaine Wm. H., Cham. of Com. bldg
DAYTON—Brannon Chas. W., 17 E Cannon
 Dexter & McCluer, Canby bldg
 Gage & Gemin, 220 E 6th
 Gebhart R. E., Callahan Bank bldg
 German Howard W., Schwind bldg
 Griffith Harry C., Canby bldg
 Herby's Chas. Sons, U. B. bldg
 Hughes Fred J. & Co., 38 S. Main
 Jaekle W. L., U. B. bldg
 Kayler J. Chalmers, 161 S. Woodward av
 Lott, Louis, U. B. bldg
 McNeal David H., 333 N Salem av
 Mountstephen Edw. J., U. B. bldg
 Moyer A. F., Louis blk
 Niehus Gustave A., Callahan blk
 Pardoner John H. Jr., 313 S Jefferson
 Peters, Herman & Brown, Reibold bldg
 Pretzinger Albert & E. P. Musselman, Reibold bldg
 Ritzert Oliver, Callahan Bank bldg
 Schenck & Walker, Conover bldg
 Schenck & Williams, Ludlow Arcade
 Stacy W. H., 36 S Perry
 Stevens H. L. & Co., 2nd & Ludlow
 Sutter Frank L., Louis blk
 Thies & Thies, Davies bldg

Vance J. P., Louis blk
 Williams Chas. I., Reibold annex
DEFIANCE—Hale J. I.
DELAWARE—Schureman D. S. & Son
EAST LIVERPOOL—Martin J. B.
 Metsch Cassius M.
EATON—Barrett Thos. A.
ELYRIA—Beal Earl E.
 Rissmann Paul A.
 Silsbee J. R.
FINDLAY—Forgeson J. & Son
 Horn Geo. J.
FOSTORIA—Smith F. M.
FREDERICKSTOWN—Bradrick W. S.
FREMONT—Shilvey S. H. & R. H.
GALLON—Jones Harlan
HAMILTON—Barkman Geo
 Lingler Wm. D.
 Mueller Fred'k G.
IRONTON—Morgan Evan
 Murray Ralph
KENTON—Strong Paul K.
LANCASTER—Crooks R. E.
 Getz W. F.
 Older G. B.
LIMA—De Curtins Andrew
 Leech & Leech
 McLaughlin & Hulsken
 Matthews B. F.
 Wade C. F.
LOGAN—Magoon M. A.
LORAIN—Ellis C. C.
 Ford Hamilton E.
 Rissman Paul A.
 Wurmser H. O.
MANSFIELD—Althouse & Jones
 Hursh Joseph
 Redding Vernon
 Seibert B. F.
MARIETTA—Hovey Geo. Walter
MARION—Ellis J. Lewis
 Sloan J. J.
 Zachman Ezra B.
MARTIN'S FERRY—Brown W. N.
MARYSVILLE—McCann E. G.
 Weidman Bros.
MASSILLON—Herrmann Edmund
 Wilhelm Karl E.
METAMORA—Young William & Son
MIDDLETOWN—Oeden Carl E.
MONTPELIER—Carpenter O. A. (& Bldr)
NEWARK—Hawkins O. J.
 Patton Wm.
NEW PHILADELPHIA—Lewis J. E.
NILES—Souder C. P.
PAINESVILLE—Cummings & Downer
PIQUA—Bowdle C. F.
PORTSMOUTH—De Voss W. A.
 Ritter & Bates
RAVENNA—Greene J. W.
SANDUSKY—Millott Henry C.
 O'Donnell & Wolfe
 Shively S. H. & R. H.
SIDNEY—Doran Jas. W.
 Landenbach H. L.
SPRINGFIELD—Cregar Edwin F., 107 W High
 Drach Gustav N. & Wm. F. Miller
 Gable R. F., Bushnell bldg
 Gotwald Robert C., Gotwald bldg
 Hall & Lethly, Fairbanks bldg
 Shilling Wm. K., Bushnell bldg
 Stover A. W. Co., Fairbanks bldg
 Whiting Junius F., 250 Cedar
STEUBENVILLE—Peterson & Clarke
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 Netcher George W.
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 Bates & Gamble, Close Realty bldg
 Becker Bernhard., Gardner bldg
 Bills C. H., Nicholas bldg
 Buer Jacob L., 1846 B'way
 Downey J. A., The Nasby
 Fallis E. O., The Nasby
 Huber Thomas F., The Spitzer
 Hunt & Kopitke, The Spitzer
 Langdon & Hohly, Nicholas bldg
 Liebold H. Albin, Denison blk
 Meyer Albert T., 1059 Newbury
 Mills, Rhines, Bellman & Nordoff, Ohio bldg
 Rheinfrank G. B., Gardner bldg
 Schriber & Bellman, 2nd Nat. Bk. bldg
 Stine David L., The Valentine
 Stophelt Manfred M., Nasby bldg
 Thal & Alfel, Ohio blk
 Thurstin Wilber G., Ohio bldg
 Tschumy & Co., 108 Summit
 Wachter H. W., Nicholas bldg
 Walker Forest E., 228 Main
 Welker L. G., The Spitzer
 Witker Edward F., 1619 Locust
TROY—Shilling W. Walter
WAPAKONETA—Uhler J. N.

WARREN—Davis, J. W.
Keich, R. J.
Sidells Byron T.
WASHINGTON COURT HOUSE—Hicks J.
Howard
Sanders Wm.
WILMINGTON—Shepherd & Son
WOOSTER—Power S. A.
XENIA—Heaton Jno.
Owens H. W.
YOUNGSTOWN—Boucherle L. & Son,
Stambaugh bldg
Clemmons L. J.
Decker J. L., Stambaugh bldg
Ellenberger H. C., 1509 Market
Ellis Wm. J., 28 E Federal
Ford H. L., Hippodrome Arcade
Hawk O. E. & Co., 522 Williamson av
Judd A. F., 141 E Federal
Kling & Zenk, 115 W Federal
Miller & Son, Dollar Savings Bank
Ott C. J., K. of C. bldg
Owsley C. H. & C. F., Mahoning Nat'l
Bank bldg
Skoog G. A., Mahoning Bank bldg
Stanley & Scheibel, Wick bldg
Thompson E. R., 524 Belmont av
Vaughn George, 13 Central sq
ZANESVILLE—Handshy C. E.
Meyer Harry C.

OKLAHOMA.

AFTON—Bast W. H.
ALVA—Green Cyrus P.
ARDMORE—White J. B.
BARTLESVILLE—Babcock L. H.
Everman Walton
CHICKASHA—Larson L. P.
Macklin & Faught
DURANT—Hicks Jewell
Jewett A. B.
EL RENO—Riley W. H.
ENID—Shaw R. W.
McALESTER—Walsh J. J.
MUSKOGEE—Dawson Charles W.
Hardin M. T.
Valeur H. O. & Co., Phoenix bldg
Whitlock J. A.
NEWKIRK—Jenkins Charles B.
OKLAHOMA CITY—Bailey & Bailey,
Lawrence bldg
Bramblet & Huseman, Oklahoma bldg
Coady Edward, 123 W 13th
Hair C. E. & Co., Terminal bldg
Hawk J. W., Security bldg
Layton & Smith, Majestic bldg
Schmidt W. T., 1625 W 10th
Weathers P. H., 605½ W California av
SAPULPA—Griffith Wm. M.
Popkin Charles Adrian
SHAWNEE—Davis A. C.
Peters E. J.
TULSA—Cross M. C.
Curtin & Co.
Eichenfeld Daniel
Globe B. G., Robinson Arcade bldg
Howard J. L.
Mott A. H., Nebraska bldg
Robb J. W., Ohio bldg
Ruggles L. H.
Rush E. & Rush
Starr Jno. V.
Winkler Geo.

OREGON.

ALBANY—Burggraf C. H.
Jenkins A. C.
ASHLAND—Smith O. Everett
ASTORIA—Bartlett R. R.
Gendron A. D.
Himebaugh, C. M.
Wicks J. E.
CORVALLIS—Dobell R. H.
EUGENE—Bean O. R.
Hensil Y. D.
Hunzicker John
FOREST GROVE—Starrett F. M.
HERMISTON—Frick Howard A.
LA GRANDE—Slater John L.
LEBANON—Crandall A. I.
Kammerer Edward W.
MARSHFIELD—Chandler W. G.
Magnusson Fred.
Ostlind Benjamin
MEDFORD—Power Chas. O.
NORTH BEND—Griffin A. J.
PENDLETON—Howard Theo. F.
PORTLAND—Askwith, H. A., 292 E. 43d
Bailey L. R. & Co., Abingdon bldg
Bennes John V., Chamber of Com-
merce bldg
Bonthon Jas., Beck bldg
Bowman F. E. & Co. (& Builders),
Comcl. Club bldg

Bridges & Webber, Chamber of Com-
merce bldg
Browne P. Chappel, Mohawk bldg
Butterworth Stephenson Co. (& Build-
ers), Couch bldg
Callahan M. J., Panama bldg
Camp & Du Puy, 426 E Alder
Carpenter N. A., 200 E 13th
Carter L. D., 287 Salmon
Clark J. B., Henry bldg
Claussen & Claussen, Macleary bldg
Dautoff J. D., Stock Exch. bldg
Deveroux Valentine, 345½ Washington
Dittrich Henry C., Worcester bldg
Downing W. H., Railway Exchange
Doyle A. E., Worcester bldg
Duke C. A., Failing bldg
Dunham G. F., Lumbermen's bldg
Eastman G. A., Lewis bldg
Ertz C. W., Pittock blk
Ewart A. C., Beck bldg
Fancher H. M. & Co., Panama bldg
Foulkes & Hogue, Commercial Club
bldg
Goodrich & Goodrich, Abingdon bldg
Gould A. H., Henry bldg
Hoffmann E. J. T., 63 E. 71st
Houghtaling Dougen, Henry bldg
Hundley J., Pittock blk
Jacobberger & Smith, Board of Trade
Johnson & Mayer, Commercial Club
bldg
Jones T. J., 334 E 3d
Kleemann Otto, 155 E 14th
Kroner Ernst, Worcester bldg
Kuhne Paul, 165½ E 33d
Lawrence & Holford, Chamber of Com.
Lazarus Edgar M., Chamber of Com.
Lewis D. C., Couch bldg
McClaran E. E., Lumber Exchange
Macclure A. J., Lewis bldg
MacNaughton & Raymond, Title &
Trust bldg
Miller E. A., 1816 Royal av
Morgan, Fliedner & Boyce (& Build-
ers), Morgan bldg
Murray L. W., 120 E 14th
Neer Delos D., Commercial blk
Parker & Banfield (& Builders), Co-
lumbia bldg
Peterson S. C., 445 E. 58th
Pipes N. H., Henry bldg
Rich Charles C., Corbett bldg
Roath R. J., Mohawk bldg
Robbins C. C., Ainsworth bldg
Roberts Earl A., Selling bldg
Root & Kerr, Henry bldg
Schacht Emil & Son, Commonwealth
bldg
Sharp F. K., Selling bldg
Smith & Griffiths, Gerlinger bldg
Stanley G. N., 668 Kearney
Starbird W. D., Spalding bldg
Stokes & Zeller Co., Chamber of Com-
merce bldg
Sutton & Whitney, Lewis bldg
Tegen R. F., Morgan bldg
Thomas Lee A., Selling bldg
Thompson Lewis I., Central bldg
Tourtellotte & Hummel, Rothschild
bldg
Wallwork C. H., Com'l Cub. bldg
Wessel Richard F., Pittock blk
Whidden & Lewis, Wilcox bldg
White F. Manson, Chamber of Com-
merce
Whitethouse & Foulhoux, Wilcox
bldg
Williams D. L., Cham. of Com. bldg
Williams H. A., McKay bldg
Wilson John G., Yeon bldg
Wrenn Werner, Lewis bldg
ROSEBERG—Holmes Bert
SALEM—Knighton W. C.
Legg Fred A.
Post Geo. M.
SHERWOOD—Watkins S. E. & Sons
THE DALLES—Crandall C. J.

PENNSYLVANIA.

ABINGTON—Curtis Henry Loomis
ALLEGHENY—(See Pittsburgh)
ALLENTOWN—Cassone Joe H., 110 N.
Penn
Jacoby & Weishambel, Commonwealth
bldg
Moyer Tilghman H., 824 Hamilton
Pickin Ephraim M., Hunsicker bldg
Reilly John W., 802 Hamilton
Ruhe & Lange, 10 N 6th
ALTOONA—Bushman Thomas
Hersh & Hersh
Miliard Julian
Puderbaugh D. Geo.
Sholler F. J.

AMBRIDGE—Hill Robt. H.
Lord Herman A.
ARDMORE—Haws Harvey
Norton John C.
AVALON—Rosseau S. L.
BELLEFONTE—Cole Robert
BELLEVUE—Vandevort R. G.
BERWICK—Sitler C. E.
BERWYN—Allen Geo. C.
BETHLEHEM—Shulz Arthur P.
Wiegner H. J.
BLOOMSBURG—Hower Henry
BRADDOCK—Rankin Jos. H.
Richards S. C. & Co.
Yost D. S.
BRIDGEVILLE—Rehman August
BROOKVILLE—Carr John & Son
BUTLER—Foster Wm.
Johnson O. C.
Kline Geo. W. (& Contr. Engr.)
CARBONDALE—Tiffany R. E.
CHAMBERSBURG—Rhoads M. R.
CHARLEROI—Brenton Jos. C.
CHESTER—Farnum Jas. J., Sr.
CLEARFIELD—Chapline John
COATESVILLE—Kerns & Carroll
COLUMBIA—Paules G. E.
COOPERSBURG—Jordan Grenaah
CORY—Mount A. P. & Son
DANVILLE—Brugler J. H.
DEVON—Rogers T. Mellon
Thorne H. K.
DONORA—Compton C. C.
DORRANCETON—Marcy Geo. L.
DOYLESTOWN—Hiland H. H.
Martin A. O.
DRAVOSBURG—Whitaker C. L.
DUBOIS—Harrington & Howard
Overdorf Wm. H.
DUNMORE—Hartman Albert
EAST STROUDSBURG—Hoffman Graydon
EASTON—Michler Wm. M.
Morgenstern Geo. A.
Shnyder J. M.
Weitzenfeld J. J.
Wenzelberger E. H.
EBENSBURG—Powell W. S.
ERIE—Cody C. Paxton, Marine Bk bldg
Frank Joseph & Son, Scott bldg
Irvin, Richard & Co., Commerce bldg
Kirby Clement S., 757 E 6th
Lee Jos., 703 State
O'Sullivan Joshua C., 146 E 12th
Sagromoso Alfonso, 25 W 7th
Schotte Armin, Erie Trust bldg
Shutts & Morrison, Marine Bank bldg
Yard J. W. & Son, Penn bldg
ESPY—Hughes D. E.
FALLS CREEK—Lukehart A. L.
FARRELL—Decker J. L.
Johnson H.
FRANKLIN—Brady S. D.
Brakeman Harvey
FREELAND—Reichmann Theo.
GETTYSBURG—Crowe J. H.
GLENSIDE—Hammer Harry G.
Yerkes H. V.
GLENOLDEN—North Wm. F.
GREENSBURG—Bartholomew Paul A.
Nelson Edward J.
Sloan W. G.
Truxell Geo. H.
HANOVER—Hosteter O. H.
Myers I. M.
HARRISBURG—Bair M. N., 1911 Derry
Fahnestock Frank G., Jr.
Grove Geo. H., 213 Walnut
Hamilton Thos. H., 11 N. Market sq
Kain C. H., Arcade Bldg
Kast M. I., Commonwealth Tr. bldg
Kelker Thos. M., 16 N 2d
Lloyd C. Howard, Telegraph bldg
Markley R. R., Patriot bldg
Shoop Henry B., 14th & Walnut
Weaver & Stewart, 222 Market
Williams Robert E., 26 S. 3rd
HAZLETON—Beck Chas. O.
Grosch Ernest L.
Schroeder Geo. F.
HOMESTEAD—Rowlands John C.
Wickerham Adam G.
HONESDALE—Weaver H. T.
HUNTINGTON—Dean O. J.
Hall J. Herbert
JACOBUS—William Charles A.
JENKINTOWN—Mayo Frank H.
JOHNSTOWN—Adams J. E.
Layton J. R.
Myton W. R.
Powell W. S.
Rogers Henry M.
Wild Geo.
KITANING—Rairigh O. C.

LANCASTER—Bartholomew H. M., 39 E. Grant
 Evans Melvern R., 10½ E Orange
 Harman John B., 56 N Duke
 Rothenberger Daniel M., 140 N Queen
 Shaub Henry Y., N Queen & Chestnut
 Urban C. Emlen, Woolworth bldg

LANSDALE—Bean M. B.
 Conner & Slifer

LANSDOWNE—Hoopes J. Willard
 Lewis Edwin B.
 Pedrick Harry Morrison
 Salter Edw. D.
 • Taylor Walter L.

LATROBE—Slack P. S.

LEBANON—Boyer Geo. H.
 Hauer & Mowere (& at Philadelphia)

LEWISTOWN—Montgomery Harry B.

LOCKHAVEN—Ball Charles
 Blesh Alex
 Tidlow Cliff

McKEESPORT—Lindemans Henry J.
 Lohman H. J.
 Moffitt Charles R.

MAPLE GLEN—Mullen Wesley

MAUCH CHUNK—Prutzman M. G.

MEDIA—Flounders Newton

MIDDLEBURG—Stetler J. H.

MILLERSBURG—Douden Wm.

MONESSEN—Beall J. M.
 Lohman J. A.

MONONGAHELA—Keller Frank P.
 Yohe Geo. W.

MORRISVILLE—Stockham T. B.

MOUNT CARMEL—Fisher Robert H.
 Strauser Clayton E.

NEW CASTLE—Eckles W. G.
 Foulk Frank H.
 Thayer C. C. & A. L.
 Wirsing H. M.

NEW KENSINGTON—Easton Thos. G.
 Laughlin Wm. J. (& Builder)
 Nichols Bro.

NEWTOWN—Chamberlin James B.

NORRISTOWN—Boggs Edw. T.
 Grater Ursinus
 Henricks C. R.

NORTH WALES—Jarrett Chas. L.

NORWOOD—Boekenkamp E. G. Sr.

OIL CITY—Bailey E. E. Co.
 Brenet Joseph P.

PHILADELPHIA—Abel Victor D., 139 S 15th
 Adams A. M., 1012 Walnut
 Adams Clyde S., 1509 Arch
 Allen John D., 908 Chestnut
 Anderson Julius J., Drexel bldg
 Ashmead Duffield, Jr., 1529 Walnut
 Bailly & Bassett, 421 Chestnut
 Balderston Chas., 411 Walnut
 Ballinger & Perrot, Methodist bldg
 Baum Geo. C., 1424 Arch
 Bell John C., 5743 Catherine (West Phila.)
 Berger Carl P., S. Penn sq bldg
 Bertolette Edw. F., 1614 Cherry
 Bickley Geo. Howard, 1529 Walnut
 Bissell & Sinkler, Otis bldg
 Biswanger C. Theo., 411 Walnut
 Blithe Wesley L., 608 Chestnut
 Boggs Edw. T., 136 S. 4th
 Bolton Chas. W. & Son, Witherspoon bldg
 Borie C. L., Jr., 15th & Walnut
 Borzner Andrew C., 717 Walnut
 Boyd D. Knickerbocker, 139 S. 15th
 Boyd Lawrence V., Harrison bldg
 Boyd Paul L., 1118 Chestnut
 Bright John I., 1701 Chestnut
 Brockie & Hastings, 1713 Sansom
 Brooke Chas. J., 12th & Walnut
 Brumbaugh G. Edwin, Rl. Est. Tr. bldg
 Bunting & Shrigley, 603 Chestnut
 Caldwell Francis G., Stephen Girard bldg
 Carlin John J., Drexel bldg
 Carmichael John I., 1520 Fairmount av
 Caspar Chas. H., 925 Chestnut
 Casselman Paul L., 1215 Locust
 Chance Geo. Whitefield, Harrison bldg
 Chandler T. P., 328 Chestnut
 Churchman C. Wharton, 1311 Walnut
 Coneys Jno. L., 1513 Walnut
 Cooke Jos C., 34 S 17th
 Cope & Stevenson, 316 Walnut
 Cornell & Matthews, Bulletin bldg
 Coyle Jos. S., 622 Filbert
 Cummiskey Chas. J., 165 E. Pomona (Gtn)
 Dagit Henry D. Son & Co., 411 Walnut
 Davis S. & Paul A. 3d, 1713 Sansome
 Day & Klauder, 925 Chestnut
 De Armond, Ashmead & Bickley, 618 Chestnut

Deery John Jerome, Land Title bldg
 De Hoff H. E., 48 S 61st
 Delk Edwd. Buehler, 34 S 17th
 Denny Chas. W., Hale bldg
 Dickinson Mahlon H., Empire bldg
 Dilks Albert W., Mutual Life bldg
 Dobbin Geo. F., 8341 Germantown av
 Druckenmiller & Williams, Land Title bldg
 Duffy Jas. F., 24 S. 7th
 Duhring, Okie & Ziegler, Bailey bldg
 Dull Jno. J., Witherspoon bldg
 Durang Edwin F. & Son, 54th & Cedar av
 Durham Bros., Heed bldg
 Dyer W. E. S., Land Title bldg
 Edmunds Franklin D., Real Est. Tr. bldg
 Evans & Warner, Witherspoon bldg
 Eyre Wilson, 1003 Spruce
 Fetterolf Edwin H., 1524 Chestnut
 Fielding Mantle, 518 Walnut
 Fieldstein J. Ethan, Hale bldg
 Folsom & Stanton, 1328 Walnut
 Frank J. H., Real Est Tr bldg
 Franklin & Co., Crozer bldg
 Furber Wm. C., 418 Walnut
 Furness Evans & Co., Franklin Bank bldg
 Gardner Clarence, Penn Mutual bldg
 Gilchrist Edmund B., 1424 Walnut
 Gill Arthur B., Heed bldg
 Graham John, Jr., Rl. Est. Tr. bldg
 Grawl Milton S., Harrison bldg
 Greisler Fred N., Lafayette bldg
 Hahn Frank E., 1112 Chestnut
 Hammond Harold, Hale bldg
 Harris & Richards, Drexel bldg
 Hauer & Mowere, 3110 Columbia av
 Hays Frank A., Weightman bldg
 Heacock & Hokanson, Bailey bldg
 Helick Chauncey G., 1910 Spring Gdn
 Hendrickson Edward E., 925 Chestnut
 Henon & Boyle, Fuller bldg
 Herold Otto, 2536 N 33d
 Hewitt & Granger, Bullitt bldg
 Hickman Louis C., Brown Bros. bldg
 Hillman Chas. L. & Son, Provident bldg
 Hodgson H. Childs, Finance bldg
 Hoffman Co., Finance bldg
 Holland A. Raymond, Bailey bldg
 Howe Geo., 205 S Juniper
 Hulme Norman, 1524 Chestnut
 Hutton Addison, St. Girard bldg
 Idell Geo. S., 34 S 16th
 Israeli E., St. Girard bldg
 Jackson J. Elvin, 727 Walnut
 Jackson Wm. E., 1003 Spruce
 Jefferis Joshua C., 1001 Chestnut
 Johnson Lindley, Harrison bldg
 Johnson Philip H., Land Title bldg
 Karcher & Smith, 34 S 17th
 Keefer Wm., Wesley 2nd, 1802 Chestnut
 Keen C. Barton, 1218 Chestnut
 Kelsey Albert, Perry bldg
 King Guy & Co., 1513 Walnut
 Klein Wm. C. Jr., 1218 Chestnut
 Klinges J. P. Jr., 1012 Walnut
 Kuhn P., 3058 N 8th
 Lacey Adin Benedict, 1012 Walnut
 Lachman & Murphy, Witherspoon bldg
 Letzgas Anton A. Jr., Bailey bldg
 Levi Louis, Real Estate Trust bldg
 Lippincott Thos. B., St. Girard bldg
 Loos Richard C., 1017 Chestnut
 Lovatt George I., 416 Walnut
 McGoodwin Robt. R., 34 S 16th
 McIlvain & Roberts, Land Title bldg
 McLanahan M. Hawley, 908 Bellevue Court
 McMurtrie Harry G., 1012 Walnut
 Macomb Henry A., 214 S 7th
 Magaziner & Potter, 603 Chestnut
 Martin & Kirkpatrick, 130 S 15th
 Maslin Chas. W., 34 S 17th
 Mason Geo. C., Perry bldg
 Mayo Walter T., 1701 Chestnut
 Medary M. B., Jr., 15th & Walnut
 Medoff Barnet J., 524 Walnut
 Megrill Alfred H., Stephen Girard bldg
 Mellor & Melgs, 205 S Juniper
 Miller Herman, Crozer bldg
 Miller T. Frank, 1012 Walnut
 Milligan & Webber, 520 Walnut
 Mills & Van Kirk, Harrison bldg
 Molitor Jno., 130 S 15th
 Monaghan Paul, Drexel bldg
 Morris & Erskine, Crozer bldg
 Moses Arnold H., 136 S 4th
 Mucklow Evan S., 908 Chestnut
 Naschold Jacob, 210 New
 Nat'l Architect Co., Crozer bldg
 Nattress Geo. & Son, 1129 Walnut

Neff & Thames, 1213 Filbert
 Neubauer & Boyd, 1118 Chestnut
 Nickels Frank V., Rl. Est. Tr. bldg
 Nock E. Withereda, 6012 Market
 Nolan Thomas, University of Penn.
 Oelschlager Chas. E., Harrison bldg
 Osburn Millard P. & Co., 34 S 17th
 Ott Edgar F., Bailey bldg
 Pappano D. J., 1211 Wharton
 Parker H., Drexel bldg
 Parry Oliver R., 1631 Chestnut
 Paxson Edward S., 729 Walnut
 Pearson George T., 427 Walnut
 Peddle Chas. R., 136 S 4th
 Perot Robeson Lea, 34 S 17th
 Peterson Horace B., 34 S 17th
 Phillips Watson K., 430 Walnut
 Plack W. L., 1208 Chestnut
 Pollock Robt. W., 1802 Chestnut
 Price Walter F., 714 Walnut
 Price & McLanahan, 1418 Walnut
 Prichett Wm. C., 416 Walnut
 Rabenold Chas. F., Penn. bldg.
 Rahn C. E., 410 Walnut
 Rankin, Kellogg & Crane, 1012 Walnut
 Register H. Bartol, 1012 Walnut
 Rehffuss Geo. U., Weightman bldg
 Reinhold Henry L. Jr., 1309 Walnut
 Riegel Jacob Jr., 518 Walnut
 Ritter F. J., Washington Hotel
 Roberts Spencer, Weightman bldg
 Rommel Frank A., Weightman bldg
 Rothschild Le Roy R., Bulletin bldg
 Rush Louis H., 130 S 15th
 Salter E. D., 4907 Wynnefield
 Sauer Andrew J. & Co., 112 Chestnut
 Savage Geo. E., Witherspoon bldg
 Savery & Scheetz, St. Girard bldg
 Schaefer Henry G., Heed bldg
 Schenck Albert E., Real Est. Tr. bldg
 Schermerhorn Clarence E., 430 Walnut
 Seeburger Frank, Penna bldg
 Seeler Edgar V., 101 S Juniper
 Sellers Horace W., Stephen Girard bldg
 Sharpley W. W., Brown Bros., bldg
 Shirk J. C. M., 421 Chestnut
 Shore & Dodge, 608 Chestnut
 Simon & Bassett, 1112 Chestnut
 Smedley Walter, Stephen Girard bldg
 Smith Arthur T., 1200 Chestnut
 Smith Chas., 411 Walnut
 Smith W. Frisbey, 1345 Arch
 Stanton Wm. C., 1328 Walnut
 Stearns & Castor, Stephen Girard bldg
 Steinmetz & Casner, Drexel bldg
 Stevens Benj. R., 1737 Filbert
 Stewardson & Page, 316 Walnut
 Street J. F., 129 S 5th
 Stuckert F. Russell, Crozer bldg
 Stuckert J. Franklin, 112 S 43d
 Tams Edwin B., 2243 N 22d
 Thomas, Churchman & Moliter, 1309 Walnut
 Thomas Walter H., 106 S 15th
 Tilden & Register, 1713 Sansom
 Tourison Bart, Land Title bldg
 Trout H. Clifton, St. Girard bldg
 Trumbauer Horace, Land Title bldg
 Trumbower Werner, Crozer bldg
 Tyre Philip S., 1509 Arch
 Valentine Anthony P. Jr., 212 High (Gtn.)
 Van Hook Geo. M., 411 Walnut
 Van Kirk Walter M., Harrison bldg
 Van Pelt John V., Stock Ex. bldg
 Van Voorhees & Harvey, Hale bldg
 Wallace & Warner, Real Estate Trust bldg
 Walton W. McKee, 714 Walnut
 Ward Alfred L., Stephen Girard bldg.
 Watson & Huckel, 1211 Walnut
 Webber Fred'k, Morris bldg.
 Weitzenfeld Jacob, 528 N 4th
 Werner Rudolph, 38 S Ruby
 Westover Albert E., Keith's Theatre bldg
 Wetherill Herbert J., 328 Chestnut
 White Ralph E., Penna bldg
 Wightman Edgar A., 1513 Walnut
 Williams Carl H., Land Title bldg
 Wilson E. Allen, 1208 Chestnut
 Wilson Eyre & McIlvain, 1003 Spruce
 Windrim Jno. T., Commonwealth bldg
 Wise, Herbert C., Franklin bldg
 Wolf Otto C., Denckla bldg
 Wood Wm. A., Bullitt bldg
 Wooters Wm. H., 816 Allegheny av
 Yeo Edwin A., Stephen Girard bldg
 Zantzingen C. C., 139 S 15th
 Zimmerman H., 4957 Hawthorn (Fkfd.)

PHOENIXVILLE—Lowry I. B.

PITTSBURGH—Alden & Harlow, 305 5th av

Allison Chas. B. Jr., Jenkins bldg
 Austin A. N. (Perspectives), 365 Spahr
 Bailey Emmert E. Co., Keenan bldg
 Bair Harry S., Vandergrift bldg
 Bartberger, Jones & Fisher, Westinghouse bldg
 Beatty John L., 146 Federal
 Bergey Aaron E., Bessemer bldg
 Bickel Chas., May bldg
 Bier Chas. W., 219 6th
 Billquist T. E., Vandergrift bldg
 Boyd Wm. Jr., Vandergrift bldg
 Boyd & Stewart, Century bldg
 Boyer E. W., Ferguson bldg
 Brosie Louis O., Highland bldg
 Campbell Jas. N. Co., Penn bldg
 Carlisle & Sharrer, Jenkins Arcade
 Carpenter W. J., Highland bldg
 Clark W. Emery, Bakewell bldg
 Clepper H. C., Park bldg
 Cohen Walter S., May bldg
 Comes John T., Renshaw bldg
 Conwell, Rowland & Hutchins, Conestoga bldg
 Cooley C. D. Co., Century bldg
 Cornelius T. Ed., House bldg
 Craner Jno. H., Conestoga bldg
 Crone Daniel A., Oliver bldg
 Croaks F. McC., Century bldg
 Dean Ellsworth, 331 4th av
 Denick Edwin V., House bldg
 Dowler Press C., Arrott bldg
 Estep Harry S., Empire bldg
 Felkel F., 413 4th av
 Frank Howard C., House bldg
 Geisler Chas. R., Hostetter bldg
 Giesey J. H., 514 Smithfield
 Gilchrist H. D., Frick bldg
 Goldner David, Highland bldg
 Hall Morgan B. Co., 434 Diamond
 Hannah Thos., Keenan bldg
 Harold Wm. H., Schenley Park
 Heckert Sidney F., Bessemer bldg
 Heron Thos. J., Publication bldg
 Hitchens Chas. P., Keenan bldg
 Hodgdon Geo. & Son, 333 4th av
 Hodgson Chancey W., Penn bldg
 Hopp J. Lawrence, 404 Summit av
 Hunting-Davis Co., Century bldg
 Ingham & Boyd, Vandergrift bldg
 Irvin Richard, Union Bk. bldg
 Irwin Paul W., Renshaw bldg
 Isles Andrew, Diamond Bk. bldg
 Janssen & Abbott, Century bldg
 Kauffman William, Conestoga bldg
 Kauzer Jno. E., Renshaw bldg
 Keirn J. Edw., 3945 Brighton rd
 Keller Oswald, 1443 Potomac av
 Kennedy H. E. Co., Home Trust bldg
 Kerner E. V., Century bldg
 Kiehnel & Elliott, Keenan bldg
 King Wm. H. Jr., House bldg
 Kropff Henry M., Renshaw bldg
 Kuntz Jos. F., Westinghouse bldg
 Lang E. B. & H. J., 804 Penn av
 Lee Edward B., 345 4th av
 Lee & Piper, Chamber of Commerce bldg
 Liesch Pierre A., 213 Lexington av
 Link A. F., 407 N Craig
 Lisotto E., 6413 Deary
 Long John A., 223 4th av
 Lord Herman A., 5th & Merchant
 Lowe Albert G., 237 4th av
 MacClure & Spahr, 320 4th av
 McCollum J. M., Berger bldg
 McCormick Wm. D., Century bldg
 McCullough Herbert M., Ferguson bldg
 McMullen Leo. A., Jenkins bldg
 Marsteller S. A., 215 Wood
 Mentel C. G., 422 Federal
 Merrick Fredc. I., Empire bldg
 Millar R. J., 37 Rodgers av
 Miller A. K., Penn bldg
 Milligan Chas., Wilson, Wood & Ross
 Moffitt C. R., Masonic Temple
 Neal Joseph L., 245 4th av
 Nirdlinger Max, Fidelity bldg
 Obitz John E., 6200 Penn av
 Orth Geo. S. & Bros., Farmers' Bk bldg
 Osterling F. J., 316 4th
 Palmer, Hornboster & Jones, 345 4th av
 Peoples U. J. L., Vandergrift bldg
 Phillips Jno. H., 604 Chartiers av
 Prack & Perrine, Keystone bldg
 Pringle Thomas, 514 Smithfield
 Richard S. C. & Co., 430 Library
 Rieger Chas. J., Germania Bk. bldg
 Rogers Geo. O., Hartje bldg
 Roth Edward A., Wabash bldg
 Rutan & Russell, Magee bldg
 Sanders Frank F., Union Bk. bldg
 Sauer F. C., 804 Penn av

Scheibler Fred'k, 6024 Penn av
 Schmid Emil, 319 Spring
 Schwan Geo. H., 307 4th av
 Scott T. H., 223 4th av
 Shaw Wm. J., Fulton bldg
 Simpson D., Wabash bldg
 Snaman Wm. E., Empire bldg
 Snyder A. B., Empire bldg
 Steen James T., Fulton bldg
 Stevens Louis, Columbia Bk. bldg
 Stillburg Jos., Fort
 Stolte Fred'k H., 5608 Broad
 Stonerod E. D.
 Stophlet J. H., House bldg
 Stotz Edward, Monon. Bank bldg
 Strong Carlton, Union Bank bldg
 Struthers W. F., 209 9th
 Stulen Walter H., Renshaw bldg
 Thomas W. A., Park bldg
 Topp O. M., Jenkins bldg
 Trimble R. Maurice, Ferguson blk
 Tufts Charles W., Vandergrift bldg
 Ullom W. A., House bldg
 Van Ormer Roy H. (& Builder), 7132 Race
 Vrydaugh & Wolfe, 347 5th av
 Weber & Stulen, Renshaw bldg
 Wilkins W. G. Co., Westinghouse bldg
 Williams W. Ward, Magee bldg
 Willoughby Chas. E., 424 4th av
 Wolfe T. B., Perrysville av
 Zortman Wm. N., Bessemer bldg
 Zwierzynski Daniel, 703 Chartiers av
PITTSBURGH—Turon L. P.
POTTSTOWN—Kepner Arthur S.
POTTSVILLE—Hill Wm. D.
 Houser Wm. H.
 Mould C. T.
 Reilly Frank X.
PUNXSUTAWNEY—Harl David G. (residences only)
 Shilling L. S.
READING—Brown D. F., Northmont
 Calhoun E. C., 911 Franklin
 Ehrsam Fritz, 922 Penn.
 Fink W. A., 426 Franklin
 Freeman G. C., 1111 N 11th
 Gerhard G. L. & Son, 619 Penn
 Heckman H. R. & Co., 1604 Mineral Springs rd
 Hickman J. E., 119 S 5th
 High W. M., 416 Penn
 Lance L. D., Hill Crest
 Maurer Harry, 529 Court
 Muhlenberg Bros., 513 Penn
 Muhlenberg Frederick A., Colonial Trust Co. bldg
 Rabenold C. F., 622 Court
 Richter A. A., 6th & Court
 Rothenberger D. M., 348 Greenwich
 Scholl Edw. Z., 6th & Court
 Smith A. F., 1029 Penn
 Stetler, Mengel & Co., Penn av
 Walter W. A., Penn boul., W. Lawn
 Young Calvin J., 520 Washington
RENOVA—Shade Grant
REYNOLDSVILLE—Young D. H.
RIDGWAY—Park H. C.
ROCHESTER—Earl J. W.
 Mathews F. E.
ROYERSFORD—Poley J. Vincent
RUTLEDGE—Wells Chas. M.
SCOTTSDALE—Zearley S. J. & Son
SCRANTON—Barrett James A., Connell bldg
 Blackwood & Nelson, Lackawanna bldg
 Brown Fred'k L., Real Estate Exch. bldg
 Davey & Crowther, Coal Exch. bldg
 Davis Edw. H., Connell bldg
 Duckworth J. S., Coal Exch. bldg
 Edson Gilbert, Connell bldg
 Feeney John J., Coal Exch. bldg
 Hamborszki Geza, 1069 Meade av
 Hancock & Koch, Coal Exch. bldg
 Howley Jno. J., Traders Bank bldg
 Langley Edward, Connell bldg
 Miller F. J., Peoples' Nat. Bank bldg
 Morris Percival J., Burr bldg
 Nelson Fred A., Connell bldg
 Osterhout Guy W., Connell bldg
 Reisman Louis, Dime Bk bldg
 Rutherford Herman C., 316 N Wash av
 Snyder Robt. W., 516 Spruce
 Thomson John B., Connell bldg
 Ward Albert J., Republican bldg
 Weinschenk Arthur A., 314 Adams av
SHAMOKIN—Jury W. U.
 Lee W. H.
 Schweitzer F. R.
SHARON—Bastress D. G.
 Clepper E. E.
 Matheny C. A.
 Weaver C. J.
SLATINGTON—Oplinger G. T.

SOMERSET—Walker E. H.
SOUDERTON—Landis Jerome S.
SOUTH BETHLEHEM—Bitting Edward R.
 Leh A. W.
STATE COLLEGE—Kocher A. L. (Schools)
TARENTUM—Cutshall Ira F.
TYRONE—Wise W. F. (specialty; theatres)
UNIONTOWN—Altman Harry W.
 Cooper A. P.
 Fulton & Butler
 Harman Jno. H.
VERONA—Stough E. K.
WALLINGFORD—Watson Frank C.
WARREN—Brockway-McNeil Co.
 Gruninger F. H.
 Phillips E. A.
WASHINGTON—Kerns John A.
 Vester J. W.
WAYNE—Gugert Francis A.
 Shaw J. William
WAYNESBORO—Woltz James W.
WESTCHESTER—Vance Charles H.
WILKES-BARRE—Atherton, Thos. H., Jr., Coal Exchange bldg
 Boyle James A., Bennett bldg
 Emery Howard B., Bennett bldg
 Evans Clark W., Coal Exchange bldg
 Finch E. N., Peoples' Bk. bldg
 Kleeman Otto A., Stafford & Trainor
 Knapp & Bostworth, 15 S Franklin
 McCormick & French, 2d Nat Bk bldg
 McGlynn Owen, Simon Long bldg
 Maier Henry A., Coal Exch. bldg
 Myers Frederick M., Welles bldg
 Newberry & Foster, Miners' Bk. bldg
 Pettebone & Lewis, 2d Nat Bank bldg
 Podmore Thos., Bennett bldg
 Reilly Austin L., Bennett bldg
 Sahm Frank B. R., 2d Nat Bk bldg
 Schroeder Geo. F., Weitzenhorn bldg
 Sturdevant & Poggi, Coal Exch bldg
 Welsh Geo., Coal Exch bldg
WILKINSBURG—Allison A. W., 748 Glenn av
WILLIAMSPORT—Fisher, Mahlon Leonard
 Fisher Nicholas E.
 Litzelman T. J.
 Rianhard F. Arthur
 Woodnutt & Schmohl
WYOMISSING—Lance L. D.
 Stetler, Mengel & Co.
YORK—Bowers Robt. W.
 Dempwolf J. A.
 Gemmill & Billmeyer
 Hamme John B.
 Leber Edward
 Stair Robert A.
 Willis B. F.

RHODE ISLAND.

ATTLEBORO—Higgins Olstin M.
CENTRAL FALLS—Desvovan, Hella L.
JAMESTOWN—Bevins Chas. L.
LONESDALE—Learned Chas. H.
NEWPORT—Easton Roland J. & Son
 Smith Jas.
 Stevens Joseph G., 2d
 Weaver Thomas L. S.
PAWTUCKET—Daniels Fred G.
 Fuller Samuel B.
 Humes Albert H.
 Monahan R. C. N.
 Page George H.
PROVIDENCE—Almy Arthur Lewis, 42 Weybosset
 Angell & Swift, 87 Weybosset
 Burlingame Clarence E., 42 Weybosset
 Cady John Hutchins, 10 Weybosset
 Clarke & Howe, Turk's Head bldg
 Goodwin E. S., 42 Westminster
 Gould & Gould, 146 Westminster
 Henley Francis E., 42 Weybosset
 Henshaw Gorham 87 Weybosset
 Hill Arthur E., 75 Westminster
 Homer Eleazer B., 87 Weybosset
 Hoppin & Field, 32 Westminster
 Isham Norman M., Grosvenor bldg
 Jackson, Robertson & Adams, Turk's Head bldg
 Langworthy Leslie P., 37 Weybosset
 Lockwood Chas. H., 171 Westminster
 McLaughlin Thomas S., 87 Weybosset
 Martin B. S. D., 86 Weybosset
 Martin & Hall, Union Trust bldg
 Melidossian G. G., Farragut av
 Murphy, Hindle & Wright, 146 Westminster
 O'Malley Jno. F., 75 Westminster
 Page & Page, 87 Weybosset
 Peirce T. J. H., Jackson bldg
 Pitts Henry S., Turk's Head bldg
 Potter Frank F., 86 Weybosset
 Richards Wm. G., 17 Exchange

Shurrocks A. F., 511 Westminster
 Shaw Russell H., 10 Weybosset
 Slocumb Harry A., 511 Westminster
 Stone, Carpenter & Sheldon, 49 Westminster
 Walker Wm. R. & Son, 17 Custom House
 Woods Frank W., 212 Union
TIVERTON—Rose Rich D.
WARREN—Hall Benjamin M.
WOONSOCKET—Fontaine Walter F.
 Kent Willard (& at Narragansett Pier)

SOUTH CAROLINA.

ANDERSON—Baldwin J. J.
 Casey & Fant
 Sayre C. Gadsden
BENNETTSVILLE—Richards E. V.
CAMDEN—Fort O. M.
 Mitcham R. W.
CHARLESTON—Benson & Barbot
 Hyer David B.
 Newcomer John D.
 Todd, Simmons & Todd
 Walker & Burden
CLEMSON COLLEGE—Lee R. E.
COLUMBIA—Hamby A. W.
 Lafaye Geo. E.
 Sams J. H.
 Urquhart & Johnson
 Wilson & Sompayrac
FLORENCE—Hicks & Harper
 Wilkins W. J. & Co.
GREENVILLE—Cunningham F. H. &
 J. G.
 Jones H. O.
 Lawrence J. T.
 Martin & Andrews
 Neves W. D.
 Rogers F. G.
 Sirrine J. E. (Textile Mill Architect &
 Eng.)
GREENWOOD—Cothran Thos. W.
 Summers & Hemphill
ORANGEBURG—Johannsen Henry H.
ROCK HILL—Gilchrist A. D.
 Starr Julian S.
 Walker N. Gaillard
SPARTANBURG—Collins J. Frank
 Proffitt L. D.
 Tinsley S. P.
SUMTER—Johnson J. H.

SOUTH DAKOTA.

ABERDEEN—Fossum Geo. F.
 Henry J. W.
 Van Ess Jno. K.
DALLAS—Townsend G. E.
HURON—Issenhuth George
 Kuehn F. C. W.
MITCHELL—Hoppe J. P.
 Wherry S. C.
RAPID CITY—Holmes Zachariah
 Waldron H. E. (& Structural Engr.)
SIOUX FALLS—Chapman Jno. C.
 Holmes & Flinn
 Livermore & McWayne
 Schwarz Jos.
 Stevens & Whiteway
WATERTOWN—Hockman Maurice Allen
 Shoultz A. H.
YANKTON—Goetz Co.

TENNESSEE.

BRISTOL—Brown Thos. S.
 Burnett & Loggans
 Doriot H.
 Kearfott Clarence B.
 Warren R. Q.
CHATTANOOGA—Alsup J. D., James bldg
 Barnwell & Barnwell, Hamilton Natl.
 Bank bldg
 Bearden C. E., First Natl. Bank bldg
 Carlton Chas. W.
 Deacon & Alger, James bldg
 De Kalb W. M., James bldg
 Hunt R. H., James bldg
 Jones C. T., Hamilton Natl. Bank bldg
 Sears W. H., James bldg
 Stroop D. V., James bldg
 Wester Miss C. J., James bldg
CLARKSVILLE—Ritter H. W. Co.
 Smith G. Tandy Jr.
FRANKLIN—Williams G.
JACKSON—Heavner R. A.
 Owen W. C.
JOHNSON CITY—Beeson D. R.
 Mitchell C. G.
KNOXVILLE—Barber & McMurray
 Bauman J. F.
 Baumann Albert B.
 Brackney C. C.

Gildard W. H.
 Graf R. F. & Sons (& Structural Engineers)
 Gredig, Albert E.
 Henderson M. E.
 Manley & Young
 Parmelee M. E. & Son
 Ryno John H.
 Waters L. C.
MEMPHIS—Bailey W. T., 358 Beale av
 Boone W. B., 1165 College
 Eely Fred H., Lyceum bldg
 Gaisford Jno., Goodwyn Institute bldg
 Hanker & Cairns, Scimitar bldg
 Jones & Furbinger, Porter bldg
 Lester W. C., Scimitar bldg
 McGee H. T., Tenn. Trust bldg
 Mahan & Broadwell, Germania Bank
 bldg
 Patterson Carlross, 127 Madison av
 Pfeil C. O., Tennessee Trust bldg
 Regan & Weller, Bank of Com. bldg
 Shaw G. M. & Co., Tenn. Trust bldg
 Shearer & Ronan, 198 S Main
 Thomson & Smith, Southern Express
 bldg
 Weathers L. M. Co., Randolph bldg
 Weigel S. J., Central Bank bldg
MORRISTOWN—Smith, Roswell E.
MURFREESBORO—Bell W. R. Jr.
NASHVILLE—Asmus & Norton, Stahlman
 bldg
 Biggers T. J., 2520 Blakemore av
 Billis O. J., Hitchcock bldg
 Colley Clarence K., L. & C. bldg
 Colley J. H., L. & C. bldg
 Dickey D. Anderson, Ind. Life bldg
 Dougherty E. E., Stahlman bldg
 Eason Wm. E., 1036 Sharp av
 Ferguson Chas. A., Arcade
 Frahn Harry J., Ind. Life bldg
 Gardner T. W., Stahlman bldg
 Griffin A. M., N. & C. Ry
 Hart R. E., Stahlman bldg
 Hibbs H. C., Stahlman bldg
 Hodge B. J., Berry blk
 Ludlow & Peabody, Stahlman bldg
 McMurray S. M., Arcade
 Marr & Holman, Stahlman bldg
 Motz C. C., Stahlman bldg
 Pritz Miss Bessie, 110 21st av S
 Sharp Robert, Cole bldg
 Smith C. W., 1802 Acklen av
 Southgate Donald W., Arcade
 Turbeville Robert E., 301½ Church
 Waller Geo. D., Arcade
 Yeaman James H., City Hall
PARIS—Kridler C. V.
SOUTH PITTSBURG—Patton R. B.
UNION CITY—Taylor H. P.

TEXAS.

AMARILLO—Berry J. C.
 Kaufman W. R.
 Randall Albert L.
 Rice W. M.
 Risser C. & Co.
 Roquemore O. G.
ARLINGTON—Nelson S.
AUSTIN—Andrewartha John, 921½ Con-
 gress av
 Endress & Watkin, Littlefield bldg
 Iredell Leslie N., Littlefield bldg
 Ketchum W. E., 1st Nat'l Bank bldg
 Kreisle Edwin C., Scarbrough bldg
 Kuehne, Chasey & Geisecke, Little-
 field bldg
 Page C. H. & Bro., Austin Nat'l Bank
 Thomas Roy L., Scarborough bldg
 Walsh Dennis R., Littlefield bldg
 Watson A. O., E. 6th & Brazos
BAY CITY—Large J. E.
BEAUMONT—Babin & Beck
 Cooke & Co.
 Logan C. A.
 Mauer-Knoblock-Simank
 Parker Martin Co.
 Steinman F. W.
BROWNWOOD—Mount Henry
CORPUS CHRISTI—Dale Guy
CORSICANA—Blanding H. O.
DALLAS—Bothwell J. L., 3012 Holmes
 Brickey & Brickey, Busch bldg
 Bulger C. W. & Son, Praetorian bldg
 Galbraith T. J., Slaughter bldg
 Gill J. O., N. Texas bldg
 Hill C. D. & Co., Sumpter bldg
 Hubbell & Greene, N Texas bldg
 Lang & Witchell, Southwestern Life
 bldg
 Martens Wm., 1330½ Commerce
 Mathews J. D., N. Slaughter bldg
 Mauran, Russell & Crowell, Wilcox
 bldg
 Overbeck H. A., Juanita bldg

Overbeck J. Ed., Wilson bldg
 Rowe Joseph W., Schlueter bldg
 Sites C. P., Southwestern Life bldg
 Thomson H. B., Southwestern Life
 bldg
 Thurman L. L. & Co., Andrews bldg
 Walker I. A., 1306 N. Peak
 Woerner F. J., Sumpter bldg
 Ye Planry, Inc., 1605½ Main
EL PASO—Beutel H. M., First Nat'l Bank
 bldg
 Bogardus J. R., 907 S El Paso
 Braunton & Leibert, Two-Republics
 Life bldg
 Fritch Alfred R., Trust bldg
 Gibson & Robertson, Herald bldg
 Kneezel Edward, State Nat'l Bank
 bldg
 Krause Ernest, Morgan bldg
 Leech Austin, 214½ Texas
 McGee Percy Jr., Mills bldg
 McKee J. S., 815 E. San Antonio
 Mauer H. C., First Natl. Bank bldg
 Orlopp H. A., 107 Texas
 Patton S. E., Caples bldg
 Thorman O. H. & Co., Roberts-Banner
 bldg
 Trost & Trost, Mills bldg
FORT WORTH—Field & Clarkson, Wheat
 bldg
 Forbes Chas. W., 837 Elmwood av
 Hoeffer Conrad, 703 W. 5th
 Leake Boudinot G.
 Newell Walter, Continental Bank bldg
 Pollard John H., Fort Worth Nat'l
 Bank bldg
 Prettyman Jacob H., Cleburne Junct.
 Reed Wm., 1617 Enderly pl
 Sanguinet & Staats, 1st Nat'l Bank
 bldg
 Singleton F. J., Burk Burnett bldg
 Van Slyke-Woodruff & Muller, Burk
 Burnett bldg
 Waller M. L., Wagoner bldg
 Weinman L. B., 711 Main
GAINESVILLE—Garrett J. G. & Son
GALVESTON—Bellis A. J., 1403 23d
 Clayton Nicholas J., 1205 35th
 Green L. S., 1818 F
 Hill C. D. & Co., 317 22d
 Korn A. F. Jr., Security bldg
 McKenzie Donald N., 2107½ Post Office
 Mudrak Rudolph, 314 18th
 Murdock W. S., 220 21st
 Smith Wm. J., 2502 Strand
 Stowe & Stowe, 309½ 22d
GREENVILLE—Kilmer Roy
 Lindsey Geo.
 Macklin H. B.
 Ragsdale W. R.
HOUSTON—Briscoe B. P., Beatty bldg
 Brown Russell Co., Carter bldg
 Cannon G. J., Chronicle bldg
 Collignon G. W., Chronicle bldg
 Collins G. H., 1803 Campbell
 Cooke & Co., Prince Theatre bldg
 Cram & Ferguson, Scanlon bldg
 Dawson A. N., Kiam bldg
 Delisle Adrien, Levy bldg
 Finger & Bailey, Kress bldg
 Finn Alfred G., 716½ Main
 Fruehling G. H., Binz bldg
 Gray Richard H., 1104 San Jacinto
 Hardin R. A., 1315 Jackson
 Jones & Tabor, Binz bldg
 Ledbetter Louis, Queen Theatre bldg
 Litzmann Paul, 1119½ Congress av
 Lorehn, Olle J., Light & Power Co.
 bldg
 McDonald C. C., First Nat. Bk. bldg
 McLelland John, Beatty bldg
 McNier F. W., 2603 Chartress
 Marhatt F. J., 805 Dennis av
 Meyer F. H., 3019 Preston av
 Nelson C. N., Beatty bldg
 Pigg A. C., Chronicle bldg
 Pittman D. D., Settegast bldg
 Rhodes W. S., 1016½ Congress av
 Rue, F. E., 1610 Alamo
 Sanguinett, Staats & Gottlieb, First
 Nat'l Bank bldg
 Shoemaker Harry W., 227 W 22d av
 (Houston Heights)
 Steele D. D., First Nat'l Bank bldg
 Teich Fred C., Union Nat'l Bank bldg
 Watkin Wm. Ward, Scanlan bldg
JACKSONVILLE—Ray S. W.
LAREDO—Chaille D. J.
 Giles Alfred Co.
 Sutherland & Co.
MARSHALL—Carpenter John
 Lancaster C. G.
NAVASTOTA—Meyerlambers W. H
PARIS—Barry, Smith & Withers
PORT ARTHUR—Wagnall C. L.
POST—Gilmore R. E.
SAN ANGELO—Ruffini Oscar

SAN ANTONIO—Adams & Adams, Gibbs bldg
 Ayres Altee B., Bedell bldg
 Behles E. P., Hicks bldg
 Boelhauwe C. T., State Bk. & Tr. bldg
 Bowen F. J., St. Anthony bldg
 Cameron R. H., State Bk. & Trust bldg
 Chapman & Murphy, Kampmann bldg
 Dielmann L. M. J., 306 E Commerce
 Fincham C. T., Moore bldg
 Gaenslen Fred'k B., Alamo Bk. bldg
 Gartner F. B., Prudential bldg
 Gilles Alfred Co., F bldg. (& at Laredo)
 Hagy W. N.
 Herff A. A., 308 E Houston
 Langworthy R. O., 608 E Georgia av
 Middletown L. D. (& Builder), 219 Dunning
 Neumann R. F. (& Builder), 1124 E Houston
 Page Harvey L. Co., 741 E Houston
 Phelps H. T., Gunter bldg
 Pierce R. L., Central bldg
 Reuter & Harrington, Frost bldg
 Seutter Carl von, Moore bldg
 Scott H. L., 405 E Laurel
 Spillman B. W., Alamo Bank bldg
 Texas Cons. Co., Swearingen-McCraw bldg
 Wahrenberger J., Alamo Bank bldg
 Williams J. C. Jr., Moore bldg
SAN MARCOS—McLellan J. L.
SHERMAN—Elliott S. B.
 Gill W. L.
 Tackett W. A.
 Tuloch Jno.
SWEETWATER—Bryant J. R.
TEXARKANA—(See Texarkana, Ark.)
TYLER—Bothwell J. H.
WACO—Brooks Wm. H.
 Burnett Geo. C., Cameron bldg
 Dudley Wm. W., 503½ Austin
 Lane Roy E., Peerless bldg
 Pearson T. Brooks, Bankers Trust bldg
 Reed Edward H., Amicable bldg
 Ross & Caso, Bankers Trust bldg
 Scott Milton W. & Co., Peerless bldg
 Ye Planry of Waco, Peerless bldg
WHARTON—Jopling C. E.
WICHITA FALLS—Field & Clarkson
 Jones Evan Jr.
 Pate Charles J.
 Roberts & Berwis

UTAH.

BRIGHAM—Wells Carson F.
LEHI—Frederickson Christian
LOGAN—Barrett C. T.
 Schaub C. C.
OGDEN—Graves G. A.
 Hodgson Leslie S.
 Peery F. S., 410 25th
 Piers Eber F.
 Shreeve & Madsen
 Smith Julius A.
 Woods & Jensen
PROVO CITY—Allen J. E.
 Nelson & Ashworth
 Wright Chas. H.
RICHFIELD—Wright I. L.
SALT LAKE CITY—Bergholtz, Edmund,
 Galena blk
 Bjorling E. E., Newhouse bldg
 Bryson Geo. M., Boston bldg
 Cannon & Fetzer, Templeton bldg
 Christopher Lee, 183 J
 Cooper W. J., Boston bldg
 Craig J. C., Kearns bldg
 Dallas S. C., 1832 S. 10th East
 Dart & Wardrop, Judge bldg
 Evans C. P., Felt bldg
 Folland W. C. W., South Temple
 Goodfellow Irving, Boston bldg
 Grundfor J. A., Brooks Arcade
 Hale Fred A., Continental blk
 Hansen Ramm, Vermont bldg
 Headlund & Kent, Dooly bldg
 Hust Fred, Felt bldg
 Kent J. H., Dooly bldg
 Kirchner A. H., 2726 S 7th E
 Kletting R. K. A., Felt bldg
 Larsen & Grant, Vermont bldg
 Lepper W. H., Brooks Arcade bldg
 Liljenberg N. Edw., Newhouse bldg
 McDonald C. S., Brooks Arcade bldg
 Mecklenburg B. O., Newhouse bldg
 Miller M. E., Vermont bldg
 Monson & Price, Vermont bldg
 Moore F. W., Newhouse bldg
 Palliser & Hills, 827 McIntyre bldg
 Poll H. P., Vermont bldg
 Pope & Burton, Newhouse bldg
 Rutherford F. D., McIntyre bldg
 Sabine Jas., 99 E. 16th South

Scott & Welch, Dooly bldg
 Swaner F. J., Boyd Park bldg
 Ware & Treganza, Utah Sav. & Tr. bldg
 Watkins & Birch, Felt bldg
 Woods J. C., 852 S. W. Temple
 Woolley Taylor, Felt bldg
 Young J. D. C. & Sons, 505 C
SPANISH FORK—Braithwaite Jesse
SPRINGVILLE—Whitney L. J.

VERMONT.

ARLINGTON—Canfield Chas.
 Tynan J. W.
BARRE—Bugbee C. L.
 Walker Frank A.
BELLOWS FALLS—Buckman A. M.
BENNINGTON—Bull Wm. C.
BRANDON—Flint F. W.
 Howland B.
BRATTLEBORO—Rice E. W.
BURLINGTON—Austin Frank Lyman
 Crandall Chas. H.
 Lawrence A. I.
 McDowell & Henderson
 McLaughlin John J.
HARTFORD—Newton Louis Sheldon
MONTPELIER—Walker Frank A.
PAWLET—Black Geo.
POULTNEY—Town Wm. L.
RUTLAND—Burdick S. O.
 Smith Arthur H.

VIRGINIA.

ABINGTON—Musser D. & Son
ALEXANDRIA—Clark Wm. L.
BERKLEY—(See Norfolk)
CHARLOTTESVILLE—Bradbury Eugene
 Kidd & Ashly
 Wingfield Nimrod T.
COVINGTON—Pace S. E.
DANVILLE—Heard, Cardwell & Craighill
 Pritchett & Henderson
DUBLIN—Shufflebarger F. N.
FALLS CHURCH—Von Herbulis A. O.
FREDERICKSBURG—Stern Philip N.
HAMPTON—Holtzclaw C. Taylor
 Remington Cornelius G.
HARRISONBURG—Heatwole J. S. & Co.
LEXINGTON—McDowell W. B.
LYNCHBURG—Burnham W. R. & Co.,
 Scott bldg
 Cave Wm., 850 Victoria av
 Craighill S. P., Peoples Nat'l Bank bldg
 Heard & Cardwell, Peoples Nat'l Bank bldg
 Lewis J. M. B., 914 Main
 McLaughlin & Johnson, Peoples Nat'l Bank bldg
NEWPORT NEWS—Connell Geo. E.
 Mackee & Williams
 Simpson H. W.
NORFOLK—Abrames Harvey, Arcade bldg
 Archer R. C., Jr., 784 Goff
 Benton & Benton, Chamberlaine bldg
 Diehl H. Robert, Chamberlaine bldg
 Diehl Wm. Newton, Chamberlaine bldg
 Ferguson, Carlow & Wrenn, Va. Nat'l Bank bldg
 Freeman Arthur C. Jr., Arcade bldg
 Lee Jas. W., Seaboard Bank bldg
 Mitchell Benj. F., Seaboard Bk. bldg
 Mitchell Rossel Edward, Paul-Gale-Greenwood bldg
 Moser Philip B., Dickson bldg
 Moss L. R., Bank of Com. bldg
 Neff & Thompson, Seaboard Bk. bldg
 Peebles J. K., Kevan Law bldg
 Porter J. N. W., Royster bldg
 Simpson H. W., Board of Trade bldg
 Taylor Wickham C., Citizens Bk. bldg
 Wilcox F. Nelson, Paul-Gale-Greenwood bldg
 Winn John D., Law bldg.
PETERSBURG—Andrews M. P. & Co.
 Craig S. Daley
 Dillon C. E., Mechanics bldg
 Munden R. A.
PORTSMOUTH—Cassell Chas. M.
 Major Chas. M.
RICHMOND—Anderson D. Wiley, 922 E Main
 Asbury & Whitehurst, 110 N 7th
 Bryant Chas. K., Va. Ry & Power bldg
 Cain Herbert L., Va. Ry & Power bldg
 Carneal & Johnston, Chamber of Com.
 Fox Julian P., Va. Ry. & Power bldg
 Hallett Marcus, Mutual bldg
 Hunt Albert F., 1107 E. Main
 Lambert & Hartsoak, Travelers bldg

Lee W. D., Travelers bldg
Messerschmidt H. Carl, Mutual bldg
 Moser Philip B., 1108 E. Main
 Noland & Baskerville, Travelers bldg
 Robinson C. M., Inc., Times-Dispatch bldg
 Ruehrmund Carl, Allison bldg
 West Wm. C., Merchants Natl. Bank bldg
 Wright Marcellus E., Allison bldg
ROANOKE—Frye & Chesterman
 Miller H. M.
 Ragan G. R.
STAUNTON—Collins T. J. & Son
SUFFOLK—Winborne P. J.
WINCHESTER—Diffenderfer E. H.
 Neuman J. C.
WYTHEVILLE—Williams Geo. C.

WASHINGTON.

ABERDEEN—Troutman C. E.
 Vernon Watson
BELLINGHAM—Cox Wm.
 Doan T. F.
 Gerlach M. H.
 Piper F. Stanley
CHELAN—Cox A. F.
COLUMBIA—Shand Chas. K.
DAYTON—Burrows Wm. H.
DEER PARK—Clemence J. C.
ELLENSBURG—Crawford Benjamin F.
EPHRATA—McDonald Chas. V.
EVERETT—Hastings W. W.
 Turnbull, B. F.
GRANDVIEW—Arnold Lew K.
HARRINGTON—Burrill T. O.
HOQUIAM—Dion N. G.
 McGlauffin, J. R.
KENT—Leeper A. S.
NORTH YAKIMA—Bissel L. B.
 De Veaux Wm. W.
 Lundstrum A.
 Perrin Winfield M.
 Thompson A. K.
 Weatherwax Harry & Son
OLYMPIA—Wohleb J. H.
POMEROY—Tupper J. E.
POULSBORO—Grey Howard E.
PULLMAN—Swain Wm.
PUYALLUP—Jacobs W. S.
RIVERSIDE—Brydon H. R.
SEATTLE—Albertson A. H., Henry bldg
 Alden Chas. H., Colman bldg
 Baeder Louis, White bldg
 Baker Frank L., Northern Bank & Trust bldg
 Bebb & Gould, Denny bldg
 Beezer Bros. Northern Bank & Trust bldg
 Blackwell & Baker, Northern Bank & Trust bldg
 Blair Edgar (School Work) 1426 Jackson
 Bohne F. W., N. Y. blk
 Breitung C. Alfred, Walker bldg
 Carrigan Jno., Epler bldg
 Champney E. F., Henry bldg
 Clark Archibald G., Lowman bldg
 Cote J. S., Haight bldg
 Creutzer J. A., N. Y. bldg
 Dickinson Orison, Empire bldg
 Dose C. C., Oriental blk
 Dwyer W. E., New York bldg
 Everett J. F., Boston blk
 Fay U. G., Central bldg
 Gerrish Chas. V., Arcade bldg
 Ginnold Harold H., Northern Bank bldg
 Gould A. W., American Bank bldg
 Gould Carl F., Denny bldg
 Graham Jno., Joshua Green bldg
 Grant Francis W., Mehlhorn bldg
 Green E. E., Northern Bank bldg
 Harvey & Ziegler, American Bk. bldg
 Haynes Chas., Mehlhorn bldg
 Houghton E. W. & Son, Collins bldg
 Howells & Stokes, Henry bldg
 Huntington Danl. R., Colman bldg
 Jackson W. C., Northern B. & T. bldg
 James Harry H., Crary bldg
 Johnson Henry, Hall & Co., Henry bldg
 Jones Wm. J., Pantages bldg
 Knipe Robt. T., New York bldg
 McCauley J. L., N. Y. bldg
 Mendel Louis L., Oriental bldg
 Millar & Ellis, Hoge bldg
 Milner Warren H. & Co., Haight bldg
 Myers D. J., Central bldg
 Noyes W. W. (& Builder), Boston blk
 Pearce H. B., Arcade bldg
 Pracna A. B. (Mill), Railway Exch. bldg
 Priteca B. M., Empire bldg
 Purvis Geo. B., Northern Bank bldg
 Reid Geo. B., Henry bldg

Ryan H., Northern Bank bldg
 Saunders Chas. W., Alaska bldg
 Schack J. H., Lippy bldg
 Siebrand Carl, Nor. Life bldg
 Somervell W. M., White bldg
 Stephen & Stephen, New York bldg
 Storey Ellsworth, New York bldg
 Stuart B. Dudley, Lumber Exchange
 Thomas Harlan, Arcade bldg
 Thompson & Thompson, Mut. Life bldg
 Voorhees V. W., Eitel bldg
 Warren & Svarz, Haight bldg
 Webster & Ford, Lyon bldg
 White Bldg. Co., Northern Bank bldg
 Willatzen Andrew, Boston blk
 Willcox N. R. B., Boston blk
 Wilson C. D., Mutual Life bldg
SEDRO WOOLEY—Sherman Geo. (& Builder)

SPOKANE—Adams Arthur F., 822 Sprague av
 Ballard Plannery Co., Inc., Columbia bldg
 Burrill J. R., Exchange Bank bldg
 Clapp Frank, 723 Liberty av
 Cowley A. W., Rookery bldg
 Cutter & Malmgren, 1023 Riverside av
 Diamond Chas. T., Columbia bldg
 Iow J. K., Paulsen bldg
 Dreher, McCoy & Spear, Columbia bldg
 Ellis H. G., Realty bldg
 Foster S. Willis, 1107 Maxwell av
 Held Albert, Realty bldg
 Holmes Alfred M., Hyde bldg
 Hubbell-Kelly Co., Falls City block
 Huffman J. W., 221 Nora av
 Hyslop & Westcott, Rookery bldg
 Jabelonsky C. H., Peyton bldg
 Keith Geo. H., Hutton bldg
 Morrison E. W., Hyde bldg
 Poetz J. C., 109 Ermina av
 Pride C. B. (Mill Archt.), Realty bldg
 Rand L. L., Rookery bldg
 Rigg A. G., Peyton bldg
 Ritchie W. A., Lindelle blk
 Rooney F. P., Empire State bldg
 Smith C. H., Rookery bldg
 Smith H. E., Old Nat'l Bank bldg
 Stritesky L. R., Empire State bldg
 Sweatt R. C. Co., Fernwell bldg
 Thompson N. E., Rookery bldg
 Wells W. A., Hyde bldg
 White & Engleby, Peyton bldg
 White Jesse W., 2416 Dean av
 Whitehouse & Price, Hutton bldg
 Wood Chas R., Realty bldg
 Zittel Julius A., Jamieson bldg

SPRAGUE—Barton E. H.
SUNNYSIDE—Ragland Edward H.
TACOMA—Borhek R. E., Savage-Scofield bldg

Bresemann E. J., Perkins bldg
 Bullard & Hill, Provident bldg
 Darmer C. A., 1111½ B'way
 Dugan Earl N., Savage Scofield bldg
 Heath & Gove, Nat'l Realty bldg
 Irwin S. C., Chamber of Com. bldg
 Lundberg & Mahon, Provident bldg
 Moffitt Clare, Nat'l Realty bldg
 Outcalt D. D. A., Natl. Realty bldg
 Russell Ambrose J., Chamber of Commerce bldg

Shaw Frederick J., Tacoma bldg
 Woodroffe A., Berlin bldg

TOPPENISH—Blaisdel Wm. E.

VANCOUVER—Nichols Dennis

WALLA WALLA—Copeland H. L.

Gore Simeon T.
 Lambert Chas. B.
 Osterman & Sebert
 Semrow Adolph C.

WENATCHEE—Bird Milton W.

WEST VIRGINIA.

BLUEFIELD—Carter T. T.

Hill Geo. H.
 Mahood Alex B.
 Pedigo & Garry
 Shuffelbarger E. L.
 Smith Walter J.

BUCKHANNON—Hughes D. C.

CEREDO—Gieske J. R.

CHARLESTON—Carson Alexander W.

Davidson Wayland F.
 Dick David & Son
 Given & Given
 Higginbotham & Knapp
 Montgomery Jas.
 Warne H. Rus
 Wiggins Paul N.

CLARKSBURG—Ford Stephen W.

Hickman Charles L.
 Holmboe & Lafferty

La Mont A. G.
 Wood Edw. J.
DIAMOND—Kuney M. D.
DUNMORE—Nore J. A.
ELKINS—Darby H. M.
FAIRMONT—Gillis Russell A.
 Lyons Andrew C.
 Snider C. H.
HINTON—Lavender Jas. B.
HUNTINGTON—Alger Edwin N.

Day Robert L.
 Dean Levi J.
 Dickey A. F.
 Gieske J. R.
 Hutchison Darby H.
 Lowe Lloyd C.
 Meanor & Sweeney
 Ritter Verus T.
 Smith Wm. B.
 Wilkins W. G. Co.

MORGANTOWN—Jacobs Elmer F.

PARKERSBURG—Adair Richard H.

Patton Wm. Howe
 Sansbury Theo. T. Jr.
 Schneider Harvey W.

PRINCETON—Wysong A. F.

SHEPHERDSTOWN—Humrickhouse Sam-
 uel J.

WELLSBURG—Wells M. L.

WESTON—Arnold A. A.

Moore J. S.

WHEELING—Bates Chas. W., Bd of Tr
 bldg

Dayton Albert F., 909 McColloch
 Dieringer Geo. H., 12th & Chapline
 Faris Fred. F., Schmulbach bldg
 Franzheim E. B., Schmulbach bldg
 Giesey M. F., German Bk. bldg
 Klieves Archibald L., 1219 Chapline
 Leiner Jos., Mutual Sav. Bank bldg
 McCarty Chas. D., Exchange Bk. bldg
 Vester & Son, Mutual Sav. Bank bldg

WISCONSIN.

ANTIGO—Herman George B.

APPLETON—De Long Wallace W.

Wettengel Ed. A.

Wildhagen Herman

ASHLAND—Wildhagen Henry

BELOIT—Kemp F. H.

BLACK RIVER FALLS—McGillivray
 J. J.

CEDARBURG—Hilgen Wm. F.

CHIPPEWA FALLS—Snyder Samuel

Willenbockel L. A., 509 Bay

EAU CLAIRE—Happy Harrison G.

Lang Robt. A.

Moore Charles

Reilly A. E.

Volkman & Hancock

FOND DU LAC—Heiler H. F.

Hennen Joseph E.

Mehner B. E.

GRAND RAPIDS—Billmeyer A. F.

DeGuere L. A.

Miller Geo. B.

GREEN BAY—Anderson C. J. & Co.

Benton Perry T.

Carr H. W.

Foeller & Schober

Reynolds Wm. E.

JANESVILLE—Blair W. H.

Hilton & Sadler

KAUKAUNA—Coppes John

KENOSHA—Augustine Charles

Carsley Glen W.

Christensen Oscar N.

Hahn Howard H.

Lindl Joseph

LA CROSSE—Bennett Wells E.

Parkinson & Dockendorff

Roth Andrew

MADISON—Alford H. C.

Claude & Starck

Conover Allan D.

Gordon, Balch & Lippert

Kronenberg F. L.

Law James R.

Phillips & Homer

Porter Lew F.

Riley Frank M.

Schwenn August

Small Alvin E.

Tough Edward

Wright Robt. L.

MANITOWOC—Juul & Sixta

Miller Earl F.

Raeuber W. J.

MARSHFIELD—Krasin Gustave A. (& Builder)

MILWAUKEE—Andree Frank W. & Co.,
 Cawker bldg

Bader F. L., 3718 Park Hill av

Barkhausen Carl, 79 Wisconsin

Brielmaier E. & Sons Co., 432 B'way

Brust & Phillipp, Free Press bldg
Buermming Herman W., 521 Jackson
 Buscher Wm. J., 950 Allis
 Charles Valentine W., 428 Jefferson
 Charlton & Kuenzli, Camp bldg
 Clas A. C., Colby-Abbott bldg
 Clauer Ernst C., 2447 North av
 Crabtree Fremont R., 2449 Grand av
 Crane Chas. D., 606 Farwell av
 Davelaar Wm., 204 Grand av
 Dick Gustav A., 811 State
 Dohmen Anton, First National Bank
 bldg
 Eschweiler Alexander C., Goldsmith
 bldg

Esser Herman J., Camp bldg
 Fernekes & Cramer, Pabst bldg
 Ferry Geo. B., 419 B'way
 Fink Chas. A., 14 Wells
 Frantzke Emil J., Majestic bldg
 Graf Fred, Matthews bldg
 Gray Frank E., 86 Michigan
 Gurda Leon M., 478 Mitchell
 Guth Alex. C., 425 E. Water
 Hengels Henry C., 702 Grand av
 Hensel Henry C., 766 8th
 Herbst & Hufschmidt, Caswell blk
 Hinricks Fredk., 1750 Louis av
 Hosmer Clare C., First National Bank
 bldg

Jacobi Jac L., 1311 Chestnut
 Jennrich, Anton, 1023 Davis
 Kadow Stanley F., 988 Kinnickinnic av
 Kamschulte & Webster, 216 W. Water
 Keller Chas. J., Germania bldg
 Kemnitz Geo. A., 1107 Island av
 Kirchoff & Rose, Majestic bldg
 Koch A. D., Wells bldg
 Kozick Edward, 2025 Walnut
 Kulas Henry, 883 Windlake av
 Lavies John G., Merrill bldg
 Leenhouts & Guthrie, 424 Jefferson
 Leopold Gustave H., 160 Martin
 Leiser & Holst, Germania bldg
 Liebert E. R., Colby-Abbott bldg
 Lotter Henry G., 304 W. Water
 Maettig Fredk., 2812 North av
 Matt & Klenzendorff, 792 3d
 Maurer Henry C., 302 W. Water
 Menge John, Jr., Matthews bldg
 Messmer R. A. & Bro., Majestic bldg
 Michalak Albert, 642 Blecher

Miller Hugo V., M. & M. Bank bldg
 Neumann Walter F., Caswell blk
 Oberst Richard E., 353 Nat'l av
 Peege E. Julius, 643 Oakland av
 Riemenschneider Emil R., 987 9th
 Ringer C. F. & Son, 106 Mason
 Rische Chas. H., 2227 Grand av
 Rotier H. J., Goldsmith bldg
 Roth John, 199 Locust
 Russel Howland, Hathaway bldg
 Schaefer Peter E., 296 W. Water
 Scheiderer Byron, Majestic bldg
 Schley, Perce G., 114 Grand av
 Schmitz Robt H., 801 3d av
 Schnetzky & Son, Germania bldg
 Schuchardt & Judell, 428 Jefferson
 Schutte Albert J., Camp bldg
 Schutz Theo. F., 296 W. Water
 Scott Fitzhugh, 424 Jefferson
 Siebert Val A. & Co., 425 E. Water
 Swager A. E., Majestic bldg
 Tharinger Chas. H., 2324 State
 Tullgren Martin & Sons, 133 2d
 Valentine Chas. W., 428 Jefferson
 Van Ryn & De Gelleke, Caswell blk
 Voeltz Henry W., Caswell blk
 Webb Oliver W., 723 3d
 Wiskocil A. V., 692 Island av
 Wolff & Ewens, 437 E. Water
 Wyland Ernest, 1068 27th

**Zagel Geo., Merchants & Manufactur-
 ers Bank bldg**

NEENAH—Lindahl & Matheson

OSHKOSH—Auler Henry

Dreger J. F.

Klapproth Wm. C.

Waters William

PLATTVILLE—Kleinhammer H.

PRAIRIE DU SAC—Dresen Jos.

RACINE—Chandler & Park, 400 S Main

Davis David R., 526 S Wisconsin

Funston Edmund B. Co., Robinson
 bldg

Gulbert & Funston, Robinson bldg

REEDSBURG—Rork W. W.

RIPON—Kunde J. A.

SHEWANEO—Fritz C. C.

SHEBOYGAN—Jahn Rudolph R.

Weeks William C. (& Builder)

STURGEON BAY—Crandall F. D.

SUPERIOR—Bach J. O.

Barber Earl W.

Crumpton K. R.

Johnson F. E.
Meissner Henry C. L.
Radcliffe E. S.
WAUKESHA—Anderson Charles C.
WAUSAU—Liebert Hans T.
Parsons Anthony
Swarthout & Speer
WEST ALLIS—Lesser Charles L.

WYOMING.

CASPER—Garbutt & Weidner
CHEYENNE—Baerresen & Wiegner
Du Bois Wm.
LARAMIE—Hitchcock W. A.
Holliday Lewis J.
SHERIDAN—Goddard Simon
Hummel A. E.
Peterson B. G.
Randall C. A.
Zander O. M.

225— Architects (Brewery)

Barthel Bernard, 127 N Dearborn, Chicago, Ill.
Boehme Chris. A., Kasota blk, Minneapolis, Minn.
Bollinger Bros., Fulton bldg., Pittsburgh, Pa.
Dornfeld J. F., 214 S Washington, Chicago, Ill.
Engelhardt Theobald, 905 B'way, Brooklyn, N. Y.
Gatterdam Fred E., 154 W Randolph, Chicago, Ill.
Glaser & Schwartz, Cincinnati, O.
Griesser Richard, 64 W Randolph, Chicago, Ill.
Hettinger C. F. & Co., Boston, Mass.
Hooper & Co., 118 Market, Newark, N. J.
Koehler V. Hugo, 2 Columbus Cir., New York
Koelle Wm. F. & Co., 26th & Oxford, Phila., Pa.
Lehle Louis, 38 S Dearborn, Chicago, Ill.
Mortensen & Co., 405 Lexington av, New York
Mueller Gustave A., Breitmeyer bldg., Detroit, Mich.
Ott Paul, 50 Church, New York
Peucert & Wunder, 310 Chestnut, Phila., Pa.
Schultz Julius, 1370 Main, Buffalo, N. Y.
Widmann & Walsh, Wainwright bldg., St. Louis, Mo.
Wolf Otto C., Denckla bldg, Phila., Pa.
Wunder Fred'k & Son, 957 B'way, Brooklyn, N. Y.

226— Architects (Decorative)

Hiss Phillip, 452 5th av, New York
Hubbell C. E., 305 Madison av, New York
Kissam Henry Snyder, 25 Madison av, New York
Korber Albert & Son, 42 Hanson pl, Brooklyn, N. Y.
Lamb J. & R., 25 6th av, New York
Paris W. Franklyn, 53 W 39th, New York
Parker H. Hanley, 1710 Chestnut, Phila., Pa.
Poole Thomas H. & Co., 13 W 30th, New York
Righter & Kolb, 420 Madison av, New York

227— Architects (Horticultural)

Hitchings & Co., 1170 B'way, New York
Hutchings & Co., Penna bldg, Phila., Pa.
Lord & Burnham Co., 30 E 42d, New York
Lutton Wm. H., 70 E 45th, New York
Pierson U Bar Co., 1 Madison av, New York
Sandiford Chas., 2692 Main, Buffalo, N. Y.
Weathered Co., Orient & West End avs, Jersey City, N. J.

228— Architects (Landscape)

Adams Edward P., Exchange bldg, Boston, Mass.
Allen Percy Ira, Cutler bldg., Rochester, N. Y.
Ankenbauer B., 5139 Imwalle av, Cincinnati, O.
Arnold S. A., 50 Bromfield, Boston, Mass.
Arnold & Tripp, Guardian bldg, Cleveland, O.
Auten Andrew, Rose bldg, Cleveland, O.
Baker Harry F., 4629 Lake Harriet blvd, Minneapolis, Minn.
Baumann L., 3233 Portis av, St. Louis, Mo.
Bell Bruce A., Easton, Pa.
Bemis Addison L., Worcester, Mass.

Benton Wm. H., Bond bldg, Washington, D. C.
Berckmans P. J. Co., Augusta, Ga.
Boehler Chas. F., Kresge bldg, Detroit, Mich.
Bowditch Jas. H., Tremont bldg., Boston, Mass.
Brant Louis, 1900 Euclid av, Cleveland, O.
Breed Edward W., 340 Main, Worcester, Mass.
Brett & Hall, 248 Boylston, Boston, Mass.
Brinckerhoff Arthur F., 15 E 40th, New York
Brinley & Holbrook, 156 5th av, New York
Bryan H. F., 1802 W 50th, Los Angeles, Cal.
Bullard Elizabeth (Miss), 472 Park pl, Bridgeport, Conn.
Burley Jas. L., 347 5th av, New York
Burnap George, 808 17th, N W, Washington, D. C.
Burr Henry E., Orange, N. J.
Caparn Harold A., 220 W 42nd, New York
Carpenter A. N., Galesburg, Ill.
Carr L. W., 1432 Arthur av, Cleveland, Ohio
Cassebeer Walter H., Sibley blk, Rochester, N. Y.
Chapman J. L., 720 Robinson av, San Diego, Cal.
Childs Neal T., 68 Post, San Francisco, Cal.
Clapp & Abercrombie Co., Greenfield, Mass.
Clark Elizabeth B., 235 S 11th, Philadelphia, Pa.
Clark G. Aldersey, 46 Cornhill, Boston, Mass.
Coe E. F., 103 Alden av, New Haven, Conn.
Coffin M. C., 73 E 92d, New York
Cole L. S., Lytton bldg, Chicago, Ill.
Colton Reuben, 31 Massachusetts av, Boston, Mass.
Colwell E. F., 6523 Euclid av, Cleveland, Ohio
Comey & Frost, Abbott bldg, Boston, Mass.
Conard D. R., Hartman bldg., Columbus, O.
Cook-Rankin-Wyckoff, 112 W 9th, Los Angeles, Cal.
Coppala Ra Faillio, Pennyfield av., New York
Cotton H. W., 406 Centre, Newbury, Mass.
Cowell Arthur W., State College, Pa.
Cridland Robert B., Bailey bldg, Philadelphia, Pa.
Curtis J. G., Farmers' Bk. bldg, Pittsburgh, Pa.
Curtis J. H., 220 Devonshire, Boston, Mass.
Dean Ruth, 4 W 40th, New York
De Forest Alling, Sibley bldg., Rochester, N. Y.
De Hertogh Ruckaberle & Co., 25 W 42d, New York
Desmond Theo. H., Hartford, Conn.
Di Roma Tony, 33 Evelyn pl, New York
Drake & Jackson, Chamber of Commerce bldg, Detroit, Mich.
Dunn Cooper M., State Life bldg, Indianapolis, Ind.
Edgerton William S., 234 Lark, Albany, N. Y.
Elliott J. Wilkinson, 336 4th av, Pittsburgh, Pa.
Endres H. W., Syndicate Trust bldg, St. Louis, Mo.
Essig W. W. & Co., Farwell bldg, Detroit, Mich.
Estep Miles E., Paulsen bldg, Spokane, Wash.
Faragher B. P., 10600 Euclid av, Cleveland, O.
Faraquehar R. A. J. & Co., 6 S. Market, Boston, Mass.
Farrend Mrs. Beatrix, 21 E 11th, New York
Fenollosa, White & Shufeldt, 101 Tremont, Boston, Mass.
Fish Charles R. & Co., Worcester, Mass.
Flournoy Addison H., McClean bldg, Washington, D. C.
Fowler Clarence, 15 E 40th, New York
Frosch Berthold, 1200 Chislett, Pittsburgh, Pa.
Fullgraf C. W., Chemical bldg, St. Louis, Mo.
Gass John, 600 Hastings, Pittsburgh, Pa.
Giertsen M. O., McKnight bldg, Minneapolis, Minn.
Gott Francis H., Carter bldg., Rochester, N. Y.
Greenfield Jas. L., 1 Broadway, New York
Griffin Walter Burley, 104 S Michigan av, Chicago, Ill.
Hare & Hare, Gumbel bldg, Kansas City, Mo.
Harrison Walter H., La Mott, Pa.

Hartman J., 765 Amsterdam av, New York
Hartwick E. F. & Co., Ford bldg, Detroit, Mich.
Helder Arthur H., Kansas City, Mo.
Herminghaus E. H., Lincoln, Nebr.
Hertlein J. P. A., Louisville, Ky.
Hettinger Henry C., McHenry, Ill.
Hill Mrs. Florence M., 202 W 74th, New York
Hinchman & Pilat, 52 B'way, New York
Hobbs & Dunn, State Life bldg, Indianapolis, Ind.
Honess Frank C., 24 S Sprague av, Pittsburgh, Pa.
Horvath M. H., 649 Leader, Cleveland, O.
Howard, Paul J., 1521 W 7th, Los Angeles, Cal.
Howard W. B., Jr., 15 Broad, New York
Hoyt B. Terrell, Hoyt & Hamline, Minneapolis, Minn.
Hoyt E. S., 38 W 11th, New York
Hubbard H. V., 101 Tremont, Boston, Mass.
Hungerford Darius, 842 Broadway, Nashville, Tenn.
Hunt W. W. & Co., 24 State, Hartford, Conn.
Ilgenfritz E. C. & Co., 30 Prentiss av, Detroit, Mich.
Jansen J. A., Eustis & Como, Minneapolis, Minn.
Johnson I. M. Co., 3245 22d av S., Minneapolis, Minn.
Keen Chas. Barton, 1218 Chestnut, Philadelphia, Pa.
Kellaway Herbert J., 12 West, Boston, Mass.
Kelsey Harlan P., Salem, Mass.
Kennard F. H., 220 Devonshire, Boston, Mass.
Kessler Geo. E. & Co., Security bldg, St. Louis, Mo.
Keyser Clarence A., 41 S 15th, Phila., Pa.
King John J., 1600 Morningside av, Pittsburgh, Pa.
Klehm John & Sons, 428 Jefferson, Milwaukee, Wis.
Klose J. Chas., West Hoboken, N. J.
Langdon Jas. G., Munsey bldg, Baltimore, Md.
Latimer Alfred F., 15 E 40th, New York
Lay Chas. Downing, 15 E 40th, New York
Leavitt Chas. W., Jr., 220 B'way, New York
Leonard Elizabeth, Abbott bldg, Cambridge, Mass.
Lloyd Percival M., Poughkeepsie, N. Y.
Lowrie C. N., 101 Park av, New York
McClure Geo. W. & Son, 34 Gates Circle, Buffalo, N. Y.
McDougall G. M. Co., 45 Monument pl, Indianapolis, Ind.
Mague Wm. H., West Newton, Mass.
Mallett Geo. A. Co., 341 Fairfield av, Bridgeport, Conn.
Mampoteng Fred, 103 Park av, New York
Manehan F. T., 12 Fairview av, Spokane, Wash.
Manning Warren H., Tremont bldg, Boston, Mass.
Meehan Thos. & Sons, 7106 Germantown, Phila., Pa.
Mehl Wm., Euclid & McPherson, St Louis, Mo.
Meier Theo. G., Monadnock bldg, San Francisco, Cal.
Meinersman H. T. Co., Steger bldg, Chicago, Ill.
Merrill Chas. B. & Co., 53 Bowers, Newtonville, Mass.
Miller Geo. Evans, 5900 Washington, Phila., Pa.
Miller Geo. H., 6 Beacon, Boston, Mass.
Miller L. L., 143 Liberty, New York
Morell & Nichols, Palace bldg, Minneapolis, Minn.
Morse Leonard, 41 S 15th, Phila., Pa.
Moser A. P., 803½ E Main, Richmond, Va.
Movius & Rotch, 89 State, Boston, Mass.
Mueller P. L., 4845 Bryant, S. Minneapolis, Minn.
Munger Walter R. Co., Lyric Theater bldg, Cincinnati, O.
Munson-Whitaker Co., 470 4th av, New York
Murray Thomas N., Monadnock bldg, San Francisco, Cal.
Muskopf & Irish Co., Commonwealth Tr bldg, St. Louis, Mo.
Negus S. P., 284 Dart, Boston, Mass.
Nichols Arthur R., Palace bldg, Minneapolis, Minn.
Nutter F. H., Sykes blk, Minneapolis, Minn.
O'Connor Jas., Hale bldg, Philadelphia, Pa.

Olmstead Bros., Brookline, Mass.
 Pain & Young, Tampa, Fla.
 Parke David, 300 Elysian av, Pittsburgh, Pa.
 Parker, Bateman & Chase, Clinton, Mass.
 Parsons Samuel, 101 Park av, New York
 Paul & Ford, 220 S 4th, Phila., Pa.
 Pentecost Geo. F., Jr., 15 E. 40th, New York
 Perl Bros., N. Y. Life bldg, Minneapolis, Minn.
 Phelps J. Wesson, 26 State, Hartford, Conn.
 Phillips & Wilcox, Kresge bldg, Detroit, Mich.
 Pierson A. S., Morrison, N. J.
 Pilot Carl F., 52 B'way, New York
 Pitkin Wm. Jr., Cutler bldg, Rochester, N. Y.
 Platt Chas. A., 101 Park av, New York
 Pond & Robinson, 101 Tremont, Boston, Mass.
 Powell W. Angelo, 615 S 15th, St. Joseph, Mo.
 Parger Oscar A., 742 Market, San Francisco, Cal.
 Pratt Henry M., 53 State, Boston, Mass.
 Pratt Richard H., Munsey bldg, Baltimore, Md.
 Pray, Hubbard & White., 101 Tremont, Boston, Mass.
 Prudential Nursery & Landscape Co., Dime Bank bldg, Detroit, Mich.
 Punchard W. H., 284 Dart, Boston, Mass.
 Purcell & Elmslie, Auditorium bldg, Minneapolis, Minn.
 Quimby Ralph A., 53 State, Boston, Mass.
 Ramsdell C. H., New York Life bldg, Minneapolis, Minn.
 Records Francis B., Jr., 220 Devonshire, Boston, Mass.
 Reding & Howard, 11 E Lexington., Baltimore, Md.
 Reeves & Ramsey, Putnam bldg, Davenport, Ia.
 Rich & Putnam, 104 S Warren, Syracuse, N. Y.
 Richie Wm. H., 41 S 15th, Philadelphia, Pa.
 Rogers Geo. C. D., Morristown, N. J.
 Ross H. Wilson, Newton Centre, Mass.
 Ruedlinger C. N., 2929 Colfax av S, Minneapolis, Minn.
 Saltus Roelin S., 9 E 41st, New York
 Sanger W. Prentice, 8 W 40th, New York
 Sargent A. R., 225 5th av, New York
 Schwagari Edw. D., Washington bldg, Tacoma, Wash.
 Searles E. M., 3327 Market, San Diego, Cal.
 Sears Thos. W., 107 Westminster, Providence, R. I.
 Sears & Wendell, 1424 Walnut, Philadelphia, Pa.
 Shapleigh Bertram, 4 E 44th, New York
 Shaw J. D., 510 S Spring, Los Angeles, Cal.
 Shermerhorn Richard Jr., 347 5th av, New York
 Shurtleff Arthur A., 89 State, Boston, Mass.
 Smilie Edw. S., 394 Central, Newton, Mass.
 Smith A. W. Co., Keenan bldg, Pittsburgh, Pa.
 Smith F. L. & Co., 7033 Hermitage, Pittsburgh, Pa.
 Smith Paul R., 89 State, Boston, Mass.
 Smith S. C., 107 Westminster, Providence, R. I.
 Spinner F. E. & Co., 35 Warren, New York
 Steele Fletcher, 88 Broad, Boston, Mass.
 Stiles Wayne E., 95 Oliver, Boston, Mass.
 Stinchcomb & Boddy, B of L E bldg, Cleveland, Ohio
 Strittmatter A., 1054 Gratiot av, Detroit, Mich.
 Supplee Co., 5900 Washington, Phila., Pa.
 Taylor A. D., 1900 Euclid av, Cleveland, Ohio
 Temblett Wm. H., 861 Lakeview rd, Cleveland, O.
 Thiene P. G., 112 W 9th, Los Angeles, Cal.
 Thomas Jeffrey P., 615 6th, Watervliet, N. Y.
 Titus John E., Newton Upper Falls, Mass.
 Tooker E. Post, 101 Park av, New York
 Townsend & Fleming, Prudential bldg, Buffalo, N. Y.
 Tripp A. F., 44 College, Providence, R. I.
 Tuschinsky Alex., Indiana Pythian bldg, Indianapolis, Ind.
 Underwood Loring, 15 Exchange, Boston, Mass.
 Vermeulen A. A., 253 S B'way, Los Angeles, Cal.
 Vinal Ralph S., 46 Cornhill, Boston, Mass.
 Vitale & Rothery, 527 5th av, New York

Von Hoffman Ferdinand, 1118 Tinton av, New York
 Wadley & Smythe, 491 5th av, New York
 Weinrichter R. M., Cutler bldg, Rochester, N. Y.
 Wells, Windney, Pierson Co., Springfield, Mass.
 Weston, Shepard & Davison, 36 E 23d, New York
 Wheelwright Robert, 15 E 40th, New York
 White Elm Nursery Co., 738½ Cramer, Milwaukee, Wis.
 White Margaret, 11 Highland, Cambridge, Mass.
 Woolner W. C., 131 State, Boston, Mass.
 Wright F. L. Jr., 112 W 9th, Los Angeles, Cal.
 Wright Hy., Chemical bldg, St. Louis, Mo.
 Wyman P., McKnight bldg, Minneapolis, Minn.
 Wustrow K. A., 920 17th, N W, Washington, D. C.
 Yeo Robert J., 524 Massachusetts av, Boston, Mass.
 Yoch F. T. (Miss), 210 W 7th, Los Angeles, Cal.
 Young Jos. H., 34 S 16th, Phila., Pa.
 Ziccardi & Weiler, 9706 Madison av, Cleveland, O.

Architects (Mill)

See Engineers, Mill

229—Architects (Naval)

Alden John, 131 State, Boston, Mass.
 Babcock & Penton, 120 B'way, New York
 Ballin F. A., Worcester bldg, Portland, Ore.
 Barney Morgan, 29 B'way, New York
 Binney Arthur, 70 Kilby, Boston, Mass.
 Bowers & Mower, Chestnut & 5th, Phila., Pa.
 Burbank Ralph N., 75 State, Boston, Mass.
 Burgess W. Starling Co. (Ltd), Marblehead, Mass.
 Burwell Elliot N., 70 Kilby, Boston, Mass.
 Callis D. Millard, Munsey bldg., Baltimore, Md.
 Coolidge L. H. Co., Seattle, Wash.
 Cornell & Matthews, Bulletin bldg, Phila., Pa.
 Cox & Stevens, 15 William, New York
 Crowninshield B. B., 75 State, Boston, Mass.
 Crouch Geo. F., 2511 Sedgwick av, New York
 Curtis W. H., Bates bldg, Portland, Ore.
 Deed Wm. J., Jr., 112 Water, Boston, Mass.
 Dickie D. W. & R. Z., 112 Market, San Francisco, Cal.
 Donald James, 17 Battery pl, New York
 Donnelley Wm. T., 17 Battery pl, New York
 Downey Wallace, 120 B'way, New York
 Drake Geo. B., 17 Battery pl, New York
 Farley Edw. P. Co., Ry. Exch. bldg, Chicago, Ill.
 Ferris Theo. E., 30 Church, New York
 Fulton Allan W. & Co., 602 E Pratt, Baltimore, Md.
 Furstenau Martin C., 308 Walnut, Phila., Pa.
 Gardner William & Co., 1 B'way, New York
 Gaskin Edw., Buffalo, N. Y.
 Geary L. E., Pier 1, Seattle, Wash.
 Germain Louis, Saginaw, Mich.
 Gielow & Orr, 52 B'way, New York
 Hall Bros. Marine Railway & Shipbuilding Co., 312 California, San Francisco, Cal.
 Hand W. H. Jr., New Bedford, Mass.
 Harris Leonard B., 411 Walnut, Phila., Pa.
 Hatch Southmayd, ft Fordham, New York
 Hillmann Gustav F. C., 470 Green av, Brooklyn, N. Y.
 Hughes C. H., 82 Beaver, New York
 Isherwood J. W., 17 Battery pl, New York
 Kidd Jos. & Son, Palladio bldg, Duluth, Minn.
 Kromholz L., 1765 Townsend av, New York
 Lane & Wyman, 576 Quinpiac av, Bridgeport, Conn.
 Lee & Brinton, Seattle, Wash.
 Lord F. K., 120 B'way, New York
 McAllister & Bennett, Central bldg, Seattle, Wash.
 McClunie J. A., 177 Asylum, Hartford, Conn.
 Millard J. W. & Bro., 17 State, New York
 Nock F. S., East Greenwich, R. I.
 Owen Geo. Newton, Boston, Mass.

Palance A., 17 Battery pl, New York
 Reid John & Co., 17 Battery pl, New York
 Shepard Geo. C., Munsey bldg., Baltimore, Md.
 Simpson Geo., 17 Battery pl, New York
 Smith Bros., Rockefeller bldg, Cleveland, Ohio
 Stratton E. Platt, 80 Broad, New York
 Swanson Peter, Belvedere, Cal.
 Swasey, Raymond & Page, 100 Bolyston, Boston, Mass.
 Tams, Lemoine & Crane, 52 Pine, New York
 Thayer Horace H., Jr., Drexel bldg, Phila., Pa.
 Versoy Irving R., Morris Cove, New Haven, Conn.
 Watts J. Murray, 328 Chestnut, Phila., Pa.
 Webb J. Beavor, 27 Cedar, New York
 Whittelsey & Whittelsey, 17 Battery pl, New York
 Wintringham & Wells, 32 B'way, New York
 Wood W. J., 140 W Van Buren, Chicago, Ill.

230—Architects (Paper & Pulp Mill)

See also Engineers, Mill

Anderson & Jones, Carthage, N. Y.
 Bigelow W. C., Biddeford, Me.
 Buss Edward A., 85 Water, Boston, Mass.
 Chapman C. A., Inc., 28 E Jackson blvd, Chicago, Ill.
 Ellsworth & Howes, Holyoke, Mass.
 Hardy Geo. F., 309 B'way, New York
 Kimball Herbert S., 111 Devonshire, Boston, Mass.
 Newhall Geo. M., Com'l Trust bldg, Phila., Pa.
 O'Keefe-Orbison Engineering & Construction Co., Appleton, Wis.
 Pride C. B., Realty bldg, Spokane, Wash.
 Wallace Jos. H. & Co., 5 Beekman, New York

231—Architects (Theatre)

Allen John D., Heed bldg, Phila., Pa.
 Blackall, Clapp & Whittemore, 20 Beacon, Boston, Mass.
 Kimball Francis H., 71 B'way, New York
 Lempert Leon H. & Son, Cutler bldg, Rochester, N. Y.
 Lovell Sidney, 30 N Michigan, Chicago, Ill.
 McElpatrick Wm. H., 701 7th av, New York
 Packard F. L., New Hayden bldg, Columbus, O.

232—Architects' & Engineers' Instruments & Supplies

See also Engineering & Surveying Instruments; also Drawing Materials
 Abbott A. H. & Co., 119 N Wabash av, Chicago, Ill.
 Adams & White Co., 94 Pearl, Buffalo, N. Y.
 Albrecht Chas. R., 62 Fulton, New York
 Aloe A. S. Co., 621 Olive, St. Louis, Mo.
 Altneder Theo. & Sons, 945 Ridge av, Phila., Pa.
 Amsler Blue Print Co., 30 Church, New York
 Architects' & Engineers' Supply Co., 923 Walnut, Kansas City, Mo.
 Bausch & Lomb Optical Co., Rochester, N. Y.
 Berger & Sons, 35 Williams, Boston, Mass.
 Brown, Blodgett & Sperry Co., 5th & Minn., St. Paul, Minn.
 Buff & Buff Mfg. Co., 98 Green, Jamaica Plain, Boston, Mass.
 Cardwell Blue Print & Supply Co., Denver, Col.
 Clarke & Courts, Galveston, Tex.
 Cole H. Co., 68 E Day, Columbus, O.
 Crocker H. S. Co., 565 Market, San Francisco, Cal.
 Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
 Elliott B. K. Co., 108 6th, Pittsburgh, Pa.
 Favor, Ruhl & Co., 43 W 23rd, New York
 Fielder & Allen Co. (Dealer), Atlanta, Ga.
 Fink F. B. Instrument Co., 804½ Pine, St. Louis, Mo.
 Frost & Adams Co., 37 Cornhill, Boston, Mass.
 Geier & Bluhm, Troy, N. Y.
 Graham J. W. & Co., Spokane, Wash.
 Gurley W. & L. E., Troy, N. Y.
 Hardtmuth L. & C., 34 E 23rd, New York
 Hemp C. E., Hamilton, O.
 Keuffel & Esser, Hoboken, N. J.
 Knight F. C. & Co., 400 Locust, Phila., Pa.

Kolesch & Co., 138 Fulton, New York
 Kurtz, Langbein & Swartz, 535 Wood, Pittsburgh, Pa.
 McCollin Thos. H. & Co., 54 N 9th, Phila., Pa.
 Makepeace B. L., 387 Washington, Boston, Mass.
 Multi Color Copying Co., 125 Woodward av, Detroit, Mich.
NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York
 Peerless Blue Print Co., 341 5th av, New York
 Pfister Wm. H., 230 W 4th, Cincinnati, O.
 Post Fred'k Co., 3635 N Hamlin av, Chicago, Ill.
 Prince L. M. Co., 108 W 4th, Cincinnati, O.
 Queen-Gray Co., 618 Chestnut, Phila., Pa.
 Ruehle E. G. & Co., 119 Fulton, New York
 Sartorius A. & Co., 57 Murray, New York
 Schmidt Fred A., 721 13th, Washington, D. C.
 Seelig R. & Son, 231 N 5th av, Chicago, Ill.
 Spaulding Print Paper Co., 44 Federal, Boston, Mass.
 Taws Henry M., 920 Arch, Phila., Pa.
 Technical Supply Co., Scranton, Pa.
 Ulmer J. C. Co., Cleveland, O.
 United States Blue Print Paper Co., 327 S La Salle, Chicago, Ill.
 Wagner Bros. & Co. (Imp), 71 W 23d, New York
WEBER F. & CO., 1125 Chestnut, Phila., Pa. *See adv index at end of book*
 Weil J. H. & Co., 1306 Arch, Phila., Pa.
 Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
 Wissler A., B'way & Washington av, St. Louis, Mo.
 Young & Sons, 43 N 7th, Phila., Pa.

Architectural Brass Work

See Grilles, Brass & Bronze

233— Architectural Faience

Cambridge Tile Mfg. Co., Covington, Ky.
 Grueby Faience & Tile Co., 560 1st, South Boston, Mass.
 Hartford Faience Co., Hartford, Conn.
 Owens J. B. Floor & Wall Tile Co., Zanesville, O.
 Rookwood Pottery Co., Rookwood Pl, Mt. Airy, Cincinnati, O.

Architectural Iron

See Iron, Architectural & Ornamental

Architectural Sculptors

See Modelers & Sculptors, Architectural; Carvers, Stone; Carvers, Wood, Classic

234—Architectural Water Colorists & Pen & Ink Artists

Buck Lawrence, 64 E Vanburen, Chicago, Ill.
 Campbell Walter M., 8 Beacon, Boston, Mass.
 Dean E. Clarence, 2 W 47th, New York
 Hawley Hughson, 1 Union sq, W, New York
 Hewlett William A., 1265 B'way, New York

235— Arecolire

Hoffmann-La Roche Chemical Works, 440 Washington, New York

236— Argols

Drakenfeld B. F. & Co. (Powdered, Imp), 50 Murray, New York
 Innes, Speiden & Co., Inc., (White & Red), 46 Cliff, New York
See adv index at end of book
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Armature Lifts

See Lifts, Motor, Car Pit

237—Armature Re-Winding & Commutator Re-Filling

Advance Electric & Mfg. Co., Kansas City, Mo.

Arrow Mfg. Co., Toledo, O.
 Bissell F. Co., 230 Huron, Toledo, O.
 Cameron Elec'l Mfg. Co., Ansonia, Conn.
 Capital Elec. Co., Springfield, Ill.
 Chattanooga Armature Works, Chattanooga, Tenn.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Cleveland Coil & Mfg. Co., 1011 Power av, Cleveland, O.
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
 Commutator Co., 121 N 1st, Minneapolis, Minn.
 Cooke-Wilson Electric Supply Co., Imperial Power bldg, Pittsburgh, Pa.
 Dittrick & Jordan Electric Co., 8700 Lorain av, Cleveland, O.
 Doubleday-Hill Electric Co., 719 Liberty ave, Pittsburgh, Pa.
 Downing-Smith Co., 430 S Green, Chicago, Ill.
 Electric Supply Co., Charleston, S. C.
Electro-Dynamic Co., Bayonne, N. J.
 Electromechanical Co., 530 N Calvert, Baltimore, Md.
 Eureka Co., North East, Pa.
 Findley Elec. Co., 216 S 5th, Minneapolis, Minn.
 Flint Electric & Mfg. Co., 1402 Delgany, Denver, Col.
 Godsey & Fry, Richmond, Va.
 Gregory Elec. Co., 1601 S Lincoln, Chicago, Ill.
 Homer Commutator Co., 4748 Hough av N E, Cleveland, O.
 Houston Armature Works, Houston, Texas
 Jordan Bros., 74 Beekman, New York
 Kester Electric Co., Terre Haute, Ind.
 Leacock A. M., 85 Columbia, Newark, N. J.
 Littlefield H. A. & Co., West Lynn, Mass.
 Major M. E. Elec. Co., Wilkes-Barre, Pa.
 Oliver Elec. & Mach. Co., Birmingham, Ala.
 Pearson John W. Co., 839 W Lake, Chicago, Ill.
 Pittsburgh Electrical & Machine Works, Barker pl, Pittsburgh, Pa.
 Ridlon Frank Co., 261 Franklin, Boston, Mass.
 Scranton Elec. Const. Co., Scranton, Pa.
 Southern Electric Co., 16 Light, Baltimore, Md.
 Utica Armature Works, Utica, N. Y.
 Wente Electric Co., Hamilton, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

238— Armatures

See also Coils, Armature & Field
ALLIS-CHALMERS MFG. CO. (Electric), Milwaukee, Wis.
See adv index at end of book
 Arrow Mfg. Co., Toledo, O.
 Bissell F. Co., 230 Huron, Toledo, O.
 Cameron Elec'l Mfg. Co., Ansonia, Conn.
 Capital Elec. Co., Springfield, Ill.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Columbus Electrical Works Co., 199 N Front, Columbus, O.
 Commutator Co., 121 N 1st, Minneapolis, Minn.
 Cooke-Wilson Electric Supply Co., Imperial Power bldg, Pittsburgh, Pa.
 Downing-Smith Co., 430 S Green, Chicago, Ill.
 Electromechanical Co., 530 N Calvert, Baltimore, Md.
 Eureka Co., North East, Pa.
 Findley Elec. Co., 216 S 5th, Minneapolis, Minn.
 Hamer Commutator Co., 4748 Hough av N E, Cleveland, O.
 Leacock A. M., 85 Columbia, Newark, N. J.
 Littlefield H. A. & Co., West Lynn, Mass.
 Major M. E. Elec. Co., Wilkes-Barre, Pa.
 Pearson John W. Co., 839 W Lake, Chicago, Ill.
 Pittsburgh Armature Works, 207 S Main, Pittsburgh, Pa.
 Wente Electric Co., Hamilton, O.

WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

239— Arresters (Lightning)

American Elec. Co., 6401 S State, Chicago, Ill.
 Anderson Albert J. M. Mfg. Co., 289 A, Boston, Mass.
 Automatic Fusible Lightning Arrester Co., Colorado Springs, Colo.
 Brach L. S. Supply Co. ("Brach"), 143 Liberty, New York
 Bunnell J. H. & Co., 32 Park pl, New York
Butler-Edwards Electric Co. (Mercury), Easton, Pa.
 Central Tel. & Electric Co. (For Telephone), 310 N 11th, St. Louis, Mo.
 Chance Mfg. Co. ("Sky-Rocket," for Telephone & Telegraph), Centralia, Mo.
 Chicago Fuse Mfg. Co. (For Telephone & Telegraph), 1014 W Congress, Chicago, Ill.
 Cook Frank B. Co. (Sneak Current for Light, Power, Telephone & Telegraph), 326 W Madison, Chicago, Ill.
 Cox C. E. Arrester Co., Eaton, O.
 D. & W. Fuse Co., Hathaway, Providence, R. I.
 Delta-Star Electric Co. (High Tension Type, Pole Mounting), 2437 Fulton, Chicago, Ill.
 Electric Service Supplies Co. ("Garton-Daniels," for Light & Power), 17th & Cambria, Phila., Pa.
 Ericsson Mfg. Co., 1100 Military rd, Buffalo, N. Y.
 Foote, Pierson & Co. ("Argus," for Telephone & Telegraph), 160 Duane, New York
GENERAL ELECTRIC CO. (For Light & Power), Schenectady, N. Y.
See adv index at end of book
 General Railway Signal Co., Rochester, N. Y.
 Gifford Electric Mfg. Co. (For Light & Power), Traverse City, Mich.
 Harvard Electric Co. (For Telephone & Telegraph), 525 W Van Buren, Chicago, Ill.
 Holtzer-Cabot Electric Co. (For Telephone & Telegraph), Brookline, Mass.
 Howard A. G., Holdredge, Neb.
 Hubbard & Co. ("Universal"), 63d & Butler, Pittsburgh, Pa.
 Insulator Arrester Co., Duluth, Minn.
 Kellogg Switchboard & Supply Co. (For Telephone & Telegraph), 1066 W. Adams, Chicago, Ill.
 Lafayette Electric & Mfg. Co. ("Ledic" for Telephone & Telegraph), Lafayette, Ind.
 Leich Elec. Co., Genoa, Ill.
 Lord Mfg. Co. ("Shaw" Non-Arcing, "Multi-Vapo-Gap," for Light, Power, Telephone & Telegraph), 105 W 40th, New York
 McIntire Chas. Co., 35 Vesey, Newark, N. J.
 Manhattan Electrical Supply Co. (For Light, Power, Telephone & Telegraph), 17 Park pl, New York
 Menominee Elec. Mfg. Co. (For Telephone & Telegraph), Menominee, Mich.
 Minnesota Electric Co. ("Chapman," for Light, Power & Telephone), 309 2nd av S, Minneapolis, Minn.
 National Electric Specialty Co. ("Vac-M," for Telephone & Telegraph), Toledo, O.
 P. & M. Co. ("Arc Lamps," for Telephone & Telegraph), 80 E Jackson blvd, Chicago, Ill.
 Phila. Electric Constr. Co. (For Telephones), Heed bldg, Phila., Pa.
 Railroad Supply Co. (For Railway Signals), 203 S Dearborn, Chicago, Ill.
 Railway & Industrial Engng. Co., People's Bk. bldg, Pittsburgh, Pa.
 Reliable Electric Co. ("Reliable"), 411 S Sangamon, Chicago, Ill.
 Royal Elec. Co., Sidney, O.
 Shaw Insulator Co., 5 Kirk pl, Newark, N. J.
 Stromberg-Carlson Tel. Mfg. Co., 1050 University av, Rochester, N. Y.
 Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.
 United Electric Supply Co., Marion, O.
 Western Electric Co., 463 West, New York
 Western Telephone Mfg. Co. ("H-C-D," for Telephone & Telegraph), 2843 Warsaw av, Chicago, Ill.
WESTINGHOUSE ELEC. & MFG. CO. (For Light & Power), East Pittsburgh, Pa. *See adv index at end of book*

240—Arresters (Spark, Electric)

Brady Electric Mfg. Co. (Electric Lamp), New Britain, Conn.
 Phila. Electrical & Mfg. Co., 1236 N. 31st, Phila., Pa.
 Western Electric Co., 463 West, New York
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

241—Arresters (Spark, Locomotive, Traction Engine, Etc.)

Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.
 Casey-Hedges Co., Chattanooga, Tenn.
 Estey Wire Works Co., 34 Cliff, New York
 Hendrick Mfg. Co., Carbondale, Pa.
 Littleford Bros., 444 E Pearl, Cincinnati, O.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Pope-Wheelock Mfg. Co., Watertown, S. D.
 Port Huron Engine & Thresher Co., Port Huron, Mich.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 South Bend Spark Arrester Co., South Bend, Ind.
WRIGHT WIRE CO. (Locomotive), Worcester, Mass.
See adv index at end of book

242— Arsenate of Lead

Corona Chemical Co. ("Corona Dry" Powdered), 213 Lake, Milwaukee, Wis.
 Dow Chemical Co. (Paste & Powder), Midland, Mich.
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Lavanburg Fred. L., 100 William, New York
 Mechling Bros. Mfg. Co., Camden, N. J.
 Merrimac Chemical Co. ("Swift's"), 148 State, Boston, Mass.
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
 Virginia Consolidated Chemical Corp., 100 Broadway, New York

243— Arsenate of Soda

Shaw John & Co., 15 Elkins South, Boston, Mass.
 Virginia Consolidated Chemical Corp., 100 Broadway, New York

244— Arsenate of Zinc

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

245— Arsenic

American Smelting & Refining Co. (White), 120 B'way, New York
 Atkins, Kroll & Co., 311 California, San Francisco, Cal.
 Beer, Sondheimer & Co., 61 B'way, New York
 Dingelstedt & Co., 21 State, New York
 Doggett Stanley (Imp), 11 Cliff, New York
 Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
 Ducas B. P. Co. (Imp Red), 25 S William, New York
 Fuerst Bros. & Co., 2 Stone, New York
 Harshaw, Fuller & Goodwin Co., Cleveland, O.
 Hill's Edw. Sons & Co. (Agents & Imp), 64 Wall, New York
 Innes, Spelden & Co., Inc., (White & Red), 46 Cliff, New York
See adv index at end of book
 Klipstein A. & Co. (Imp Saxony & Silesia Red), 644 Greenwich, New York
 McKesson & Robbins (Imp), 91 Fulton, New York
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
 Raritan Chemical Works, 8 W 40th, New York
 Roessler & Hasslacher Chemical Co. (Red & White), 100 William, New York
 Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York
 U. S. Smelting Co. (White), Midvale, Utah
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

246— Arsenic (White)

American Smelting & Refining Co., 120 B'way, New York
 Harshaw, Fuller & Goodwin Co., Cleveland, O.
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Philipp Brothers (Imp), 29 B'way, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York
 U. S. Smelting Co., Midvale, Utah

Art Metal Work

See Grilles, Brass & Bronze; also Grilles, Wrought Iron

246a— *Asbestine

WILLIAMS C. K. & CO., Easton, Pa.

246b— *Asbestine Pulp

INTERNATIONAL PULP CO., 41 Park row, New York

247—Asbestos Building Lumber

Asbestos Wood Mfg. Corp. ("Eterno"), Poughkeepsie, N. Y.
 Johns H. W.-Manville Co. ("J.M."), Madison av & 41st, New York

Asbestos Cloth

See Asbestos Material

Asbestos Cooking Utensils

See Asbestos Household Articles; also Asbestos Material

248—Asbestos Corrugated Sheathing (Reinforced)

Asbestos Shingle, Slate & Sheathing Co. (With Woven Wire), Ambler, Pa.

Asbestos Coverings

See Pipe & Boiler Coverings, Asbestos

249— Asbestos Felting Mfrs.

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Franklin Mfg. Co., Franklin, Pa.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Keasbey & Mattison Co., Ambler, Pa.
 Watson H. F. Co., Erie, Pa.

250— Asbestos Fibre

American Asbestos Co. (Carded), Norristown, Pa.
 Asbestos & Mineral Corp., 17 Battery pl, New York
 Johns H. W.-Manville Co. ("J-M"), Madison av & 41 st, New York

251-2—Asbestos Gloves & Mitts

American Asbestos Co., Norristown, Pa.
 Asbestos Fibre Spinning Co., North Wales, Pa.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Keasbey & Mattison Co., Ambler, Pa.
 Mikesell Bros. Co., 26 North Jefferson, Chicago, Ill.
 Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

253—Asbestos Listing or Tape

American Asbestos Co., Norristown, Pa.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Keasbey & Mattison Co., Ambler, Pa.

254— Asbestos Material

See also Asbestos Paper & Mill Board Mfrs
 Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
 American Asbestos Co. (Cloth, Yarns, Cords, Tapes, etc), Norristown, Pa.
 American Asbestos & Mfg. Co., 1 Montgomery, San Francisco, Cal.
AMERICAN INSULATION CO., Roberts av & Stopley, Philadelphia, Pa.
See adv index at end of book

Asbestos Co. of Calif., 199 1st, San Francisco, Cal.
 Asbestos Fibre Spinning Co., North Wales, Pa.
 Asbestos & Rubber Works of America (Yarns, Cloth, etc), 58th & B'way, New York
 Baltimore Roofing & Asbestos Mfg. Co. ("Bramco"), Asbestos, Md.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
 Federal Asbestos Co., Milwaukee, Wis.
 Fibre Rock Mfg. Co., 4566 Silverwood, Phila., Pa.
 Franklin Mfg. Co. (Tape, Cord, Cloth, etc), Franklin, Pa.
 General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
 Johns H. W.-Manville Co. (J-M), Madison av & 41st, New York
 Jones I. G. Co. (Textiles), Syracuse, N. Y.
 Keasbey & Mattison Co., Ambler, Pa.
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 Sall Mountain Co., 230 S La Salle, Chicago, Ill.
 Standard Woven Fabric Co. (Yarns, Cloth, etc.), Walpole, Mass.
 Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
 United States Asbestos Co., Lancaster, Pa.
 Watson H. F. Co., Erie, Pa.
 Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

Asbestos Metallic Cloth

See Packing, Asbestos Metallic

255— Asbestos Miners

Asbestos & Mineral Corp., 17 Battery pl, New York
 Keasbey & Mattison Co., Ambler, Pa.
 Martin R. H. Co., 220 B'way, New York
 Sall Mountain Co. (Fibre), 230 S La Salle, Chicago, Ill.

256—Asbestos Paper & Mill Board Mfrs.

See also Asbestos Material
 Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.
See adv index at end of book
 Albion Mfg. Co., Seattle, Wash.
 American Insulation Co., Roberts av & Stopley, Phila., Pa.
See adv index at end of book
 Baltimore Roofing & Asbestos Mfg. Co. ("Bramco"), Asbestos, Md.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
 Franklin Mfg. Co., Franklin, Pa.
 General Asbestos Rubber Co. ("Garco"), Charleston, S. C.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Keasbey & Mattison Co., Ambler, Pa.
 N. Y. Asbestos Co., 203 Front, New York
 Norristown Magnesia & Asbestos Co., Norristown, Pa.
 Racich Asbestos Co., 609 W 55th, New York
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
 United States Asbestos Co., Lancaster, Pa.
 Watson H. F. Co., Erie, Pa.

257— Asbestos Powder

Doggett Stanley, 11 Cliff, New York
 International Pulp Co., 41 Park row, New York
 Williams, C. K. & Co. ("Anchor Brand"), Easton, Pa.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

258—Asbestos Protected Metal

Asbestos Protected Metal Co. (Corrugated & Flat for Roofing, Siding & Ceilings), Pittsburgh, Pa.
Steel Sales Corp'n, Adams & Jefferson, Chicago, Ill.

Asbestos Roofing

See Roofing, Asbestos

Asbestos Rope, Cord & Twine

See Asbestos Material

259—Asbestos Table Padding

Asbestos Fibre Spinning Co. ("Huber"), North Wales, Pa.
Asbestos & Rubber Works of America, 58th & B'way, New York
Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York
Mikesell Bros. Co., 26 N Jefferson, Chicago, Ill.

Asbestos Textiles

See Asbestos Materials

Asbestos Yarns

See Asbestos Materials

Ash Chutes (Steel Plate)

See Chutes, Steel Plate

Ash Handling Plants

See Coal Handling Systems for Power Plants, also Conveyors, Coal & Ash Handling; also Coal & Ore Handling Machinery

260—Ash (Pearl)

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

261—Ash (Tin)

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

262—Asphalt Dealers & Importers

Baker John Jr., 17 Battery pl, New York
Barber Asphalt Paving Co., Land Title bldg, Philadelphia, Pa.
Barrett Co., 17 Battery pl, New York
Byerley & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
Canfield Oil Co. ("Bituflex"), 3216 E 55th, Cleveland, O.
Densmore-Stabler Refining Co., Los Angeles, Cal.
Doggett Stanley, 11 Cliff, New York
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Headley Good Roads Co., 301 S 30th, Phila, Pa.
Hercules Oil Refining Co., Los Angeles, Cal.
Indian Refining Co., 44 Whitehall, New York
International Asphalt Co. ("Cubanel," Natural Sheet Asphalt for Paving), 133 W. Washington, Chicago, Ill.
Lamson Jno. S. & Bro. (Imp), 80 Maiden la, New York
Meng Anthony & Co. (Importers), 17 S Front, Phila, Pa.
Neuchatel Asphalte Co., Ltd, 79 Tompkins, New York
Saacke Chas. W. (Imp.), 27 William, N. Y.
Scheel Wm. H. (Imp), 159 Maiden la, N. Y.
Shelby-Downard Asphalt Co., Ardmore, Okla.
Southern Refining Co., Los Angeles, Cal.
Standard Asphalt & Rubber Co. ("Sar-co"), 208 S La Salle, Chicago, Ill.
Standard Wax & Import Co. (Imp), 95 William, New York
Sun Company, Finance bldg, Phila., Pa.
Texas Co., 17 Battery pl, New York
Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg, St. Louis, Mo.
United States Asphalt Refining Co., 90 West, New York
Uvalde Asphalt Paving Co., 1 B'way, New York
Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
Warner-Quinlan Asphalt Co., 79 Wall, New York

Warren Bros. Co., 59 Temple pl, Boston, Mass.
Westrumite Co., Whiting, Ind.

Asphalt (Liquid & Solid)

See Asphalt Miners & Refiners

263—Asphalt Mastic

Barber Asphalt Paving Co. ("Vulcanite" Special), Land Title bldg, Phila., Pa.
Gabriel & Schall ("Brunswick" Imported), 205 Pearl, New York
Neuchatel Asphalte Co., Ltd, 79 Tompkins, New York
Shields W. S. P., Witherspoon bldg, Phila., Pa.
Standard Asphalt & Rubber Co. ("Sarco," "Matrix"), 208 S La Salle, Chicago, Ill.
Wadsworth Stone & Paving Co. ("Standard"), Lambert & P. R. R., Pittsburgh, Pa.
Warren Chemical & Mfg. Co., 17 Battery pl, New York

264—Asphalt Miners & Refiners

American Asphalt Ass'n. (Miners only of Gilsomite), St. Louis, Mo.
Asphaltum & Oil Refining Co., Los Angeles, Cal.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Barrett Co., 17 Battery pl, New York
Byerley & Sons ("Byerlyte" "Mastic"), 2489 W 4th, Cleveland, O.
California-Fresno Oil Co., Fresno, Cal.
Central Commercial Co., 111 N Market, Chicago, Ill.
Chesapeake Oil Co. Stockholm & Peach alley, Baltimore, Md.
Densmore-Stabler Refining Co., Los Angeles, Cal.
Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.
Hercules Oil Refining Co., Los Angeles, Cal.
Indian Refining Co. (Liquid), 44 Whitehall, New York
International Asphalt Co. (Refined Cuban Asphalt), 133 W Washington, Chicago, Ill.
King Refining Co., 58 Sutter, San Francisco, Cal.
Neuchatel Asphalte Co., Ltd. (Mastic), 79 Tompkins, New York
New Trinidad Lake Asphalt Co., Land Title bldg, Phila., Pa.
Shelby Downard Asphalt Co., Ardmore, Okla.
Shields W. S. P. (Mastic), Witherspoon bldg, Phila., Pa.
Southern Refining Co., Los Angeles, Cal.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y., 555 W 25th, New York
Texas Co., 17 Battery pl, New York
Trinidad Asphalt Mfg. Co. (Refiners), Title Guaranty bldg, St. Louis, Mo.
Union Oil Co. (of California), Los Angeles, Cal.
United States Asphalt Refining Co., 90 West, New York
Wadsworth Stone & Paving Co. ("Standard" Mastic), Lambert & P. R. R., Pittsburgh, Pa.
Warner-Quinlan Asphalt Co., 79 Wall, New York
Warren Chemical & Mfg. Co. (Mastic), 17 Battery pl, New York

265—Asphalt Pipe Dip

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Byerley & Sons ("Byerlyte"), 2489 W. 4th, Cleveland, O.
Indian Refining Co., 44 Whitehall, New York
Southern Refining Co., Los Angeles, Cal.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Texas Co. ("Texaco"), 17 Battery pl, N.Y.
Union Oil Co. (of California), Los Angeles, Cal.

266—Asphalt Plant Builders

Barber Asphalt Paving Co. ("Iroquois" Portable & Stationary), Buffalo, N. Y.
Cummer F. D. & Son Co. (Stationary & Portable), The Arcade, Cleveland, O.

ASPHALT PLANTS—PORTABLE

COST 50% LESS—PRODUCE 50% MORE

DIYAR SUPPLY CO., CAMBRIDGE, MASS.

East Iron & Machine Co. (Stationary, Portable & One Car), 351 E Market, Lima, O.
Hetherington & Berner Co., Indianapolis, Ind.
Pioneer Iron Works (Refining Plants), 149 Pioneer, Brooklyn, N. Y.
Schwab Philip Co., 16th & Canal, Milwaukee, Wis.

Asphalt Rollers (Steam)

See Rollers, Steam Road

267—Aspirators (Flour Mill)

Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Richmond Mfg. Co. ("Niagara" Centrifugal, Oat, Hull & Grain), Lockport, N. Y.
Union Iron Works, Decatur, Ill.
Wolf Co., Chambersburg, Pa.

268—Assayers

See also Chemists; also Laboratories
Burlingame, Walter E., Denver, Colo.
Ely Ethelbert, Dover, N. J.
Hauks A. A., 630 Sacramento, San Francisco, Cal.
James Geo. A. Co., 28 Belden pl, San Francisco, Cal.
Kansas City Testing Laboratory, Kansas City, Mo.
Ledoux & Co., 99 John, New York
Luckhart C. A. Co., 53 Stevenson, San Francisco, Cal.
Officer R. H. & Co., Salt Lake City, Utah
Ricketts & Co., 80 Maiden la, New York
St. Louis Sampling & Testing Works, 713 Clark av, St. Louis, Mo.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Stowell Wm. H., Spokane, Wash.

Assayers' Supplies

See Chemical Apparatus

269—Atlases

Cram Geo. F. Co., 107 N Market, Chicago, Ill.
Rand, McNally & Co., 538 S Clark, Chicago, Ill.

270—Atomizers (Air)

DeVilbiss Mfg. Co. ("Aeron"), Toledo, O.

271—Atomizers (Billow)

National Supply Co. (For Fuel Oil Vaporization), 416 W Grand av, Chicago, Ill.

272—Atomizers (Medicinal)

Becton, Dickinson & Co. ("Yale"), Rutherford, N. J.
DeVilbiss Mfg. Co., Toledo, O.
Hospital Rubber Co. ("Multiple," "Peerless"), Attleboro, Mass.

273—Atomizers (Spray)

See also Sprayers, Potato
MYERS F. E. & BRO., 800 Orange, Ashland, O.
See adv index at end of book

274—Atrophine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

275—Attachments (Automatic Drilling)

Lodge & Shipley Machine Tool Co. (Axle), Cincinnati, O.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

276—Attachments (Bean Harvester)

Akron Cultivator Co. ("Kraus"), Akron, O.
Gale Mfg. Co. ("Albion," "Gale"), Albion, Mich.

Lehr Agricultural Co., Fremont, O.
Ohio Cultivator Co., Bellevue, O.
Reed Fdry. & Mach. Co., Kalamazoo, Mich.

277—Attachments (Binder, for Headers)

Acme Harvesting Machine Co. ("Acme King"), Peoria, Ill.
Johnston Harvester Co., Batavia, N. Y.

278—Attachments (Binder, for Threshers)

Johnston Harvester Co., Batavia, N. Y.

279—Attachments (Cam Grinding)

Landis Tool Co., Waynesboro, Pa.

Attachments (Chain Drilling)

See Drills, Chain Attachment

280—Attachments (Clover Huller, for Threshers)

Farquhar A. B. Co., Ltd., York, Pa.
Nichols & Shepard Co., Battle Creek, Mich.
Russell & Co., Massillon, O.

281—Attachments (Disc Drill & Seeder)

Case J. I. Plow Works, Racine, Wis.
Deere & Mansur Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co., Rockford, Ill.
Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.
Janesville Machine Co., Janesville, Wis.

282—Attachments (Disc Furrowing)

For Runner Corn Planters

American Seeding Machine Co. ("Hoosier," "Superior"), Richmond, Ind.
Deere & Mansur Co. ("Deere"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

283—Attachments (Drill, for Disc Harrows)

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

284—Attachments (Dropper, for Mowers)

Johnston Harvester Co., Batavia, N. Y.
Seiberling & Miller Co. ("Empire"), Doylestown, O.

285—Attachments (Fertilizer)

Aspinwall Mfg. Co., Jackson, Mich.
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
Case J. I. Plow Works, Racine, Wis.
Deere & Mansur Co. ("Deere"), Moline, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peoria Drill & Seeder Co. ("Peoria"), Peoria, Ill.
Racine-Sattley Co. ("Sattley"), Springfield, Ill.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Texas Implement & Machine Co. ("Texas"), Dallas, Tex.

286—Attachments (Flax, for Binder)

Acme Harvesting Machine Co., Peoria, Ill.

287—Attachments (Gang Press Wheel)

For Grain Drills

American Seeding Machine Co. ("Empire," "Farmers," "Favorite," "Hoosier," "Kentucky," "Superior"), Richmond, Ind.
Fetzer & Co., Springfield, Ill.

288—Attachments (Gas)

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co., Waterville, Waterbury, Conn.

Bryant Electric Co., Bridgeport, Conn.
Macallen Co., 16 Macallen, S Boston, Mass.
Manhattan Elec'l Supply Co., 17 Park pl, New York

Plume & Atwood Mfg. Co., Waterbury, Conn.

Simpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

Spencer's I. S. Sons (Inc.), Guilford, Conn.

Steele & Johnson Mfg. Co., Waterbury, Conn.

Trumbull Electric Mfg. Co., Plainville, Conn.

Walsh Owen Mfg. Co., 525 W 26th, New York

White J. H. Mfg. Co., 111 N 3d, Brooklyn N. Y.

White J. H. Mfg. Co., 111 N 3d, Brooklyn N. Y.

White J. H. Mfg. Co., 111 N 3d, Brooklyn N. Y.

289—Attachments (Gear Cutting)

Mafreto Machine & Tool Co. ("Young"), Worcester, Mass.

WHITON D. E. MFG. CO. (Center, Key-Seating & Vise), New London, Conn.
See adv index at end of book

290—Attachments (Grinding, for Lathes)

FORBES & MYERS, 169 Union, Worcester, Mass. See adv index at end of book

291—Attachments (Harrow, Sulky)

American Seeding Machine Co. ("Evans"), Richmond, Ind.

Brinly Hardy Co., Louisville, Ky.

Dexter Co. ("Excelsior"), Fairfield, Iowa

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

Joliet Mfg. Co., Joliet, Ill.

Moline Plow Co. ("Moline Orchard"), Moline, Ill.

Ohio Cultivator Co., Bellevue, Ohio

Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

Peoria Drill & Seeder Co. ("Peoria"), Peoria, Ill.

Stoughton Wagon Co. ("New Stoughton"), Stoughton, Wis.

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Stoughton Wagon Co. ("New Stoughton"), Stoughton, Wis.

Emerson - Brantingham Co. ("Reeves"), Rockford, Ill.

297—Attachments (Plowing, Trac-tion Engine)

Avery Co., Peoria, Ill.

Case J. I. Threshing Machine Co., Racine, Wis.

Emerson-Brantingham Co. ("Peerless," "Geiser"), Rockford, Ill.

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309— Audiphones

General Acoustic Co., 220 W 42d, New York
 Globe Ear Phone Co., 88 Tremont, Boston, Mass.
 Harper Oriphone Co., 294 Washington, Boston, Mass.
 Mears Earphone Co., 43 W 34th, New York
 Stolz Electrophone Co., 5 N Wabash av, Chicago, Ill.

Augers (Boring Machine)

See Bits, Auger

Augers (Breast)

See Augers, Miners

Augers (Bung)

See Borers, Bung Hole

Augers (Carpenters')

See Bits, Auger

Augers (Coal)

See Augers, Miners'

310—Augers (Flexible Pipe Cleaning)

Coleman Allan J., 166 N Michigan av, Chicago, Ill.
 Lewis Samuel ("Wrigley"), 73 Barclay, New York
 Wolverine Brass Works ("Wolverine" Adjustable), Grand Rapids, Mich.

311— Augers (Hollow)

Bonney Vise & Tool Works, Allentown, Pa.
See adv index at end of book
 Buckeye Saw Vise Co. ("Stearns" & "Bonney" Patterns), Cleveland, O.
 Cincinnati Tool Co. ("Hargrave," Adjustable), Norwood, Cincinnati, O.
See adv index at end of book
 Goodell-Pratt Co., Greenfield, Mass.
 House Cold Tire Setter Co. ("Kelly, Jr."), 4143 Laclede av, St. Louis, Mo.
 Ives W. A. Mfg. Co. ("Ives" Expansive, "Novelty"), Wallingford, Conn.
 Millers Falls Co. (Adjustable), 28 Warren, New York. Works: Millers Falls, Mass.
 Silver Mfg. Co. ("Star"), Salem, O.
 Stearns E. C. & Co., ("Stearns" & "Bonney" Patterns), 450 Oneida, Syracuse, N. Y.
 Swan Jas. Co. ("Ames," "Universal" Chisel), Seymour, Conn.
 Wood A. A. & Sons Co. ("Universal"), Atlanta, Ga.

312— Augers (Ice)

See also Tools, Ice

Augers (Millwrights')

See Bits, Auger

313—Augers (Miners', Coal, Etc.)

Fairmont Mining Machinery Co. ("Fairmont," Power), Fairmont, W. Va.
 Fulton Tool Works (Breast), Canal, Fulton, O.
 Hardsocg Mfg. Co. (Breast), Ottumwa, Ia.
 Hardsocg Martin Co. (Breast, etc.), 922 South av, Pittsburgh, Pa.
 Leetonia Tool Co., Leetonia, O.
 Nixon Mining Drill Co., (Breast, etc.), Chattanooga, Tenn.
 Peglar Mfg. Co. ("Breast"), Chattanooga, Tenn.
 Salem Tool Co. ("Salem" Breast Auger for Coal Mining), Salem, O.
 Snell Mfg. Co., Fiskdale, Mass.
 Warwood Tool Co. (Breast), Warwood, Wheeling, W. Va.
See adv index at end of book
 What Cheer Tool Co. ("Breast," for Soft Coal, also "Moser" Ratchet), What Cheer, Ia.

314—Augers (Post Hole, Earth, Etc.)

See also Diggers, Post Hole

Blake Specialty Co. (Water Pressure), Rock Island, Ill.
 Carbo Corporation ("Carbo"), 538 S Clark, Chicago, Ill.
 Chickasaw Machine & Foundry Co., Memphis, Tenn.

Coates Clipper Mfg. Co. ("Coates", Power for Blasting Purposes) Worcester, Mass.

Cook A. D., Lawrenceburg, Ind.
 Dicke Tool Co., Downers Grove, Ill.
 Eureka Fence Mfg. Co. ("S. & B."), Richmond, Ind.
 Fenn Mfg. Co. ("Fenn's" Adjustable), Charlotte, Mich.
 Frantz Mfg. Co., Sterling, Ill.
 Gill Mfg. Co. (Mine), Phillipsburg, Pa.
 Hall Mfg. Co. ("Hall"), Monticello, Ia.
 Howell R. R. & Co., 31st av, Minneapolis, Minn.

Indiana Steel & Wire Co., Muncie, Ind.
 Iwan Bros. ("Iwan," "Vaughns"), South Bend, Ind.

Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.

Lehr Agricultural Co., Fremont, O.
 Pratt Wm. E. Mfg. Co. ("Star"), 35 W Lake, Chicago, Ill.

Pugh Job T., 31st & Ludlow, Phila., Pa.
 Richards-Wilcox Mfg. Co. ("Richards"), Aurora, Ill.

Seymour Mfg. Co. ("Vaughn" Pattern), Seymour, Ind.

Standard Auger Co. ("Standard"), 57 W 34th, Chicago, Ill.

Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

Williams Bros., Ithaca, N. Y.

315— Augers (Pump Log)

Pugh Job T., 31st & Ludlow, Phila., Pa.
 Snell Mfg. Co., Fiskdale, Mass.

Augers (Rafting)

See Bits, Auger

Augers (Ring)

See Bits, Auger

316—Augers (Sewer & Pipe Cleaner)

Bernz Otto (Fliteroft Patent), 21 Ashland av, Newark, N. J.

Augers (Ship)

See Bits, Auger

Augers (Telegraph)

See Augers, Post Hole

317— Augers (Treenail)

Drew C. & Co., Kingston, Mass.
 Ford Auger Bit Co. ("Ford"), Holyoke, Mass.
 Snell Mfg. Co., Fiskdale, Mass.

318— Augers (Twist & Hub)

Defiance Machine Works, Defiance, O.

319— Augers (Well)

Dempster Mill Mfg. Co., Beatrice, Neb.
 Iwan Bros., South Bend, Ind.
 Loomis Machine Co., Tiffin, O.
 Mark Mfg. Co., Evanston, Ill.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pech Gus Foundry & Mfg. Co. ("Monitor"), Le Mars, Ia.
 Southern Engine & Boiler Works, Jackson, Tenn.
 Star Drilling Machine Co., Akron, O.

319a— Autoclaves

Badger E. B. & Sons Co., 76 Pitts, Boston, Mass.
 Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Devine J. P. Co., 1372 Clinton, Buffalo, N. Y.
 Elyria Enameled Products Co. (Glass Enameled), Elyria, O.
See adv index at end of book
 Manitowoc Engineering Wks., Manitowoc, Wis.
 Stuart & Peterson Co., Burlington, N. J.
 Valley Iron Dorks, Williamsport, Pa.

320— *Automobile Accessories

Cray Bros. (Jobbers), Cleveland, O.
DEWES A. CO., 199 Lafayette, New York
 Eclipse Mfg. Co., 502 Meridian Life, Indianapolis, Ind.
 Foster Bros. Mfg. Co. (Auto Coasters & Tire Chain Hooks), Utica, N. Y.

Frasse Peter A. & Co., Inc., 417 Canal, New York. *See adv index at end of book*
GWILLIAM CO., (Ball & Roller Bearings), 255 W 58th, New York

See adv index at end of book
 Hearsey H. T. Co. (Jobbers), 339 N Capitol, Indianapolis, Ind.

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 New Departure Service Station (Ball & Roller Bearings), 255 W 58th, New York

Pouvailsmith Corp., Poughkeepsie, N. Y.
 Saxon Mfg. Co., 1034 Grand av, Toledo, O.
 Westing G. H. Co., 335 N Penn, Indianapolis, Ind.

Automobile Boats

See Motor Boat, Launch & Yacht Builders

321— Automobile Builders

Marked thus *build Pleasure Cars; †build Commercial Cars; §build Cycle Cars. See also list of "Automobile Trade Names" which immediately follows and which will enable one to locate the manufacturer of almost any Pleasure or Commercial Car made.

All makes are Gasoline Cars unless otherwise described.

Importers of Foreign Makes Are Included in This List and Are so Marked.

NOTE—See also Fire Engines, Motor; also Motor Cycles; also Trucks.

*Abbott Corp., 960 Lafayette av E., Detroit, Mich.

*†Abendroth & Root Mfg. Co., Newburgh, N. Y.

†Acason Motor Truck Co., 291 12th, Detroit, Mich.

†Acme Motor Truck Co., 808 E Woodbridge, Detroit, Mich.

†Acme Wagon Wks., Emigsville, Pa.

†Adams Truck, Foundry & Machine Co., Findlay, O.

*Allen Motor Co., Fostoria, O.

*Alter Motor Car Co., Plymouth, Mich.

Amalgamated Motors Corp., Alhambra, Cal.

American Motor Vehicle Co. (Gasoline & Electric), Lafayette, Ind.

*American Motors Corp., 100 Broad, New York

*†Ames Motor Car Co., Owensboro, Ky.

*Anderson Carriage Mfg. Co., Anderson, Ind.

*†Anderson Electric Car Co. (Electric), Milwaukee Junction, Detroit, Mich.

*Anderson Motor Co. (Gasoline), Rock Hill, S. C.

†Andover Motor Vehicle Co. (Electric), Andover, Mass.

*Anger Engineering Co., 303 16th, Milwaukee, Wis.

*Apperson Bros. Automobile Co., Kokomo, Ind.

*Arbenz Car Co., Chillicothe, O.

*†Argo Motor Co., Jackson, Mich.

†Armleder O. Co., 12th & Plum, Cincinnati, O.

†Atlantic Electric Vehicle Co. (Electric), 893 Freylinhuysen av, Newark, N. J.

†Aterbury Motor Car Co. (Gasoline & Electric), Buffalo, N. Y.

*Auburn Automobile Co., Auburn, Ind.

†Auglaize Motor Car Co., New Bremen, O.

†Austin Automobile Co., Grand Rapids, Mich.

†Autocar Co., Ardmore, Pa.

†Available Truck Co., 1539 N Kilpatrick, Chicago, Ill.

*†Baker-Bell Motor Co., 665 N Broad, Phila., Pa.

Baker Motor Vehicle Co., Lake av N W, Cleveland, O.

*†Baker R. & L. Co. (Electric), ft W 80th, Cleveland, O.

†Barker C. L., Norwalk, Conn.

*Barley Motor Car Co. (Hearse and Ambulance Chassis), Streator, Ill.

*†Bartholomew Co., Peoria, Ill.

†Bauer Machine Works Co., Kansas City, Mo.

*†Beardsley Electric Co., Los Angeles, Cal.

*Beaver State Motor Co., Gresham, Ore.

†Beck & Son, Cedar Rapids, Ia.

†Beech Creek Truck & Auto Co., Beech Creek, Pa.

*†Bell Motor Car Co., York, Pa.

†Bessemer Motor Truck Co., Grove City, Pa.

*Biddle Motor Car Co. (Gasoline), Germantown, Sedgley & Allegheny avs, Philadelphia, Pa.

- *Bimel Automobile Co., Sidney, O.
†Blair Motor Truck Co. (Gasoline & Gas & Electric), Newark, O.
†Bour-Davis Motor Car Co., 253 Woodbridge, Detroit, Mich.
†Bourne Magnetic Truck Co., 17th & Sedgely av, Phila., Pa.
†Bowling Green Motor Truck Co., Bowling Green, O.
Bowman Sidney B. Auto Co. (Imp), 225 W 49th, New York
Brewster & Co., Queensboro Bridge Plaza, Long Island City, N. Y.
†Brinton Motor Truck Co., 5740 Cherry, Phila., Pa.
*Briscoe Motor Corp., Jackson, Mich
†Brockway Motor Truck Co., Cortland, N. Y.
*†Buckeye Mfg. Co., Anderson, Ind.
*Buick Motor Co. (Dept General Motors Co.), Flint, Mich.
*Burg L. Carriage Co., Dallas City, Ill.
†Burrows Cyclecar Co., Ripley, N. Y.
†Cadillac Auto Truck Co., Cadillac, Mich.
*†Cadillac Motor Car Co., 1343 Cass av, Detroit, Mich.
†Carroll Motor Car Co., Strasburg, Pa.
*Case J. I. Threshing Mach. Co., Racine, Wis.
†Casey F. A. Co., Billerica, Mass.
*Century Mfg. Co. (Electric), 1199 Woodward av, Detroit, Mich.
*Chadwick Engineering Works, Pottstown, Pa.
*Chalmers Motor Co., Jefferson & New Belt Line, Detroit, Mich.
†Champion Wagon Co., Owego, N. Y.
*Chandler Motor Car Co., E 131st st & St. Clair av, Cleveland, O.
†Chase Motor Truck Co., Syracuse, N. Y.
†Chester County Motor Co., Coatesville, Pa.
*Chevrolet Motor Co., Flint, Mich.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
*†Clyde Cars Co., 42 Whitehall, New York
†Coey Motor Co., 2010 S Wabash av, Chicago, Ill.
*Colburn Automobile Co., Denver, Colo.
*Cole Motor Car Co., 730 E Washington, Indianapolis, Ind.
†Collier Motor Truck Co., Painesville, O.
†Collings Carriage Co., Camden, N. J.
†Columbia Motor Truck & Trailer Co., Pontiac, Mich.
†Commerce Motor Car Co., Penobscot bldg, Detroit, Mich.
Commercial Cars, Ltd. (Imported), 40 Convent av, New York
†Commercial Truck Co. of America, 5320 St. Clair, Phila., Pa.
†Commonwealth Motors Co., 326 W Madison av, Chicago, Ill.
†Connorsville Buggy Co. (Electric), Connorsville, Ind.
†Continental Motor Truck Co. (Gasoline Motor), Fisher bldg, Chicago, Ill.
†Continental Truck Mfg. Co., Superior, Wis.
*Corbin Motor Vehicle Corporation, New Britain, Conn.
†Corbitt Automobile Co., Henderson, N. C.
†Corliss Motor Truck Co., Corliss, Wis.
*†Cortland Cart & Carriage Co. (Gasoline), Sidney, N. Y.
†Couple Gear Freight Wheel Co. (Gasoline & Electric), Grand Rapids, Mich.
†Crane & Breed Mfg. Co. (for undertakers), 1227 W 8th, Cincinnati, O.
*†Crawford Automobile Co., Hagerstown, Md.
†Croce Auto Co., Asbury Park, N. J.
*†Crow-Elkhart Motor Co., Elkhart, Ind.
†Crowther Motor Co. (Gasoline), 27th & Diamond, Rochester, N. Y.
*†Culver Mfg. Co., Culver City, Cal.
†Cunningham Jas. Son & Co. (Ambulances, Hearses, etc), Rochester, N. Y.
†Dain Mfg. Co., Ottumwa, Ia.
*†Daniels Motor Car Co. (Gasoline), Reading, Pa.
†Danielson Engine Works, 339 E 39th, Chicago, Ill.
†Dart Motor Truck Mfg. Co., Waterloo, Ia.
*Davis Geo. W. Motor Car Co., Richmond, Ind.
†Day-Elder Motors Co., 161 Ogden, Newark, N. J.
De Dion-Bouton Auto Co. (Importers), 110 W 54th, New York
†De Kalb Mfg. Co., Auburn, Ind.
†De Kalb Wagon Co., De Kalb, Ill.
†Denby Motor Truck Co., Holbrook av, Detroit, Mich.
†Denneen Motor Co. (Gasoline), Cleveland, O.
*De Tamble Motors Co., Anderson, Ind.
†Detroit Commercial Car Co. (Gasoline), Pontiac, Mich.
†Detroit-Wyandotte Motor Truck Co., Wyandotte, Mich.
†Detroit Motor Car Co., Stanley and Vermont avs, Detroit, Mich.
*†Diamond T Motor Car Co., 432 W Superior, Chicago, Ill.
*†Dispatch Motor Car Co. (Gasoline), 1200 av S, E, Minneapolis, Minn.
†Dixie Motor Car Co., 3rd and K, Louisville, Ky.
†Doane Motor Truck Co., 425 4th, San Francisco, Cal.
Doble Abner Co. (Steam), Waltham, Mass.
Doble-Detroit Steam Motors Co., Detroit, Mich.
*†Dodge Bros., Jos. Campau av, Detroit, Mich.
*†Dorris Motor Car Co., 4100 Laclede av, St. Louis, Mo.
Dort Motor Car Co., Flint, Mich.
*†Drexel Motor Car Corp., 76th & Wallace, Chicago, Ill.
*†Drummond Motor Co. (Gasoline), Omaha, Neb.
Ducasse, F. (Import), 1765 B'way, New York
Dudley Tool Co., Menominee, Mich.
*†Dunn Walter E., Ogdensburg, N. Y.
†Duplex Power Car Co., Charlotte, Mich.
†Duplex Truck Co., Lansing, Mich.
†Durable Dayton Truck Co., Dayton, O.
†Eagle-Macomber Motor Car Co., Sandusky, O.
*Easton Machine Co., South Easton, Mass.
*Economy Motor Co., Tiffin, O.
†Eldridge Mfg. Co. (Electric), 140 Stuart, Boston, Mass.
†Electromobile Motor Car Co., Boatmens Bank bldg, St. Louis, Mo.
*†Elgin Motor Car Corp., McCormick bldg, Chicago, Ill.
*†Elkhart Carriage & Motor Car Co., Elkhart, Ind.
†Elmira Commercial Motor Car Co., Owego, N. Y.
*Empire Automobile Co., S W cor Capitol & Michigan, Indianapolis, Ind.
*Enger Motor Car Co., Cincinnati, O.
†Erie Motor Truck Co., Erie, Pa.
*Erwin Motor & Machine Co., 31st & Dauphin, Phila., Pa.
†Eubank & Amacher Wagon Wks., Portland, Ore.
*†F. I. A. T. (Inc), Poughkeepsie, N. Y.
*†F. & S. Motors Co., 219 Becher, Milwaukee, Wis.
†Famous Mfg. Co., East Chicago, Ind.
†Fargo Motor Car Co., 164 W 22d, Chicago, Ill.
†Federal Motor Truck Co., Leavitt & Campbell av, Detroit, Mich.
*†Ford Motor Co., Detroit, Mich.
†Forschler Motor Truck Mfg. Co., New Orleans, La.
*†Four Wheel Drive Auto Co., Clintonville, Wis.
***FRANKLIN AUTOMOBILE CO.** (Runabout, Touring Cars, etc.) Magnolia, Syracuse, N. Y.
See adv index at end of book
†Frazier W. S. & Co., Aurora, Ill.
*†Fritchle Automobile & Battery Co. (Electric), Denver, Colo.
†Front Drive Motor Co., 16th & Willow av, Hoboken, N. J.
Frontenac Motor Co., 1547 Gd. River av, Detroit, Mich.
*†Gabriel W. H. Carriage & Wagon Co., 315 Prospect av N W, Cleveland, O.
†Gadabout Motor Corp., 2000 Broadway, New York
†Galion Dynamic Motor Truck Co., Galion, O.
†Garford Motor Car Co., Lima, Ohio
†Gary Motor Truck Co., Gary, Ind.
*General Engineering Co. (Steam), Marquette bldg, Detroit, Mich.
†General Motors Truck Co. (Gasoline & Electric), Pontiac, Mich.
†General Vehicle Co. (Electric & Gasoline), Long Island City, N. Y.
†Geneva Wagon Co., Geneva, N. Y.
†Gerlinger Motor Car Co. (Gasoline), Tacoma, Wash.
*Ghent Motor Co. (Gasoline), 20 E Jackson blvd, Chicago, Ill.
Gillette Motors Co., Mishawaka, Ind.
†Golden West Motors Co., Sacramento, Cal.
†Gramm-Bernstein Motor Truck Co., Lima, O.
†Gramm Motor Truck Co., Lima, O.
*†Grant Motor Car Co., Findlay, O.
†Greene Mfg. Co., Cobleskill, N. Y.
*†Grinnell Electric Car Co. (Electric), 16 Atwater, Detroit, Mich.
*Hackett Motor Car Co., Jackson, Mich.
†Hahn Motor Truck & Wagon Co., Hamburg, Pa.
*Hal Motor Mfg. Co., E 72d, Cleveland, O.
*Hall Scott Motor Car Co., Crocker bldg, San Francisco, Cal.
†Hannibal Wagon Co., Hannibal, Mo.
†Harder Auto Truck Co., 149 W 62d, Chicago, Ill.
Harley-Davidson Motor Co. (Parcel Deliveries), 160 Clinton, Milwaukee, Wis.
†Harrison Robt. Co., 324 W 1st, St. Boston, Mass.
*Harvard-Pioneer Motor Car Corp., Troy, N. Y.
†Harvey Motor Truck Works, Harvey, Ill.
†Hawkeye Mfg. & Repair Co., Sioux City, Ia.
*Haynes Automobile Co., Kokomo, Ind.
†Henderson Bros., No Cambridge, Mass.
†Hendrickson Motor Truck Co., 3538 S Wabash av, Chicago, Ill.
†Hewitt-Ludlow Auto Co., 901 Indiana, San Francisco, Cal.
Hewitt Motor Co. (Commercial Cars, Dept. International Motor Co.), 252 W 64th, New York
†Hoagland Thayer, (Electric), Newark, N. J.
†Hoffman Motor Truck Co., Minneapolis, Minn.
†Hoover Wagon Co., York, Pa.
†Houghton Motor Car Co., Marion, O.
*Howard A. Co., Galion, O.
*Hudson Motor Car Co. 2901 Jefferson av, Detroit, Mich.
*†Hupp Motor Car Co., Milwaukee & Mt Elliott avs, Detroit, Mich.
*Hupp-Yeats Electric Car Co., Lycaste & Detroit Ter., Detroit, Mich.
†Hurlburt Motor Truck Co., 30 E 42d, New York
†Huselton Automobile Co., Butler, Pa.
†Ideal Auto Co., Fort Wayne, Ind.
†Independent Motors Corp., Port Huron, Mich.
†Indiana Truck Co., Marion, Ind.
International-Aerial Navigation Co., 1270 B'way, New York
†International Motor Co., 252 W 64th, New York
*†Interstate Motor Co., Muncie, Ind.
Isotta Fraschini Motor Co. (Imported), 2 W 57th, New York
*†Jackson Automobile Co., Jackson, Mich.
*†Jones Motor Car Co., Wichita, Kans.
*†Jordan Motor Car Co., 1070 E 152d, Cleveland, O.
*†Kearns Motor Truck Co., Beavertown, Pa.
†Kelly-Springfield Motor Truck Co., Springfield, O.
*†Kent Motors Corp., 1790 B'way, New York
†Kentucky Wagon Mfg. Co. (Electric), Louisville, Ky.
*Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
†King A. R. Mfg. Co., Kingston, N. Y.
*†King Motor Car Co., Jefferson & Concord av, Detroit, Mich.
*†Kissel Motor Car Co., Hartford, Wis.
†Kleiber & Co., 1426 Folsom, San Francisco, Cal.
*†Kline Car Corp'n, Richmond, Va.
†Knickerbocker Motor Truck Mfg. Co., 151st & River av, New York
†Koehler H. J., S. G. Co., 154 Ogden, Newark, N. J.
†Koenig & Luhrs Wagon Co., Quincy, Ill.
†Kopp Motor Truck Co., Buffalo, N. Y.
†Kosmath Co., 1506 Fort, Detroit, Mich.
†Krebs Commercial Car Co., Clyde, O.
†Krickwell Motor Co., 1373 E 55th, Chicago, Ill.
†La Crosse Motor Truck Co., La Crosse, Wis.
†Landshaft Wm. & Sons, 2900 Darwin tr, Chicago, Ill.
†Lane Motor Truck Co., Kalamazoo, Mich.
†Lange Motor Truck Co., 145 S St. Claire, Pittsburgh, Pa.
†Lansden Co. (Electric), 2211 Nostrand av, Brooklyn, N. Y.
†Larrabee-Deyo Motor Truck Co. (Gasoline), Binghamton, N. Y.
†Laughlin-Homer Engineers Corp., 2652 Long Beach av, Los Angeles, Cal.
*Laurel Motor Car Co., Richmond, Ind.
*Lenox Motor Car Co., 18 Columbus av, Boston, Mass.

†Lewis-Hall Iron Works (Gasoline), Ferry av. and G. T. Ry, Detroit, Mich.
 *Lewis Spring & Axle Co., Chelsea, Mich.
 *Lexington-Howard Co., Connersville, Ind.
 †Liberty Motor Car Co., Ft. Lyncaste av, Detroit, Mich.
 †Lincoln Motor Truck Co., 16 Alexandrine E, Detroit, Mich.
 †Lippard-Stewart Motor Car Co., Buffalo, N. Y.
 *†Locomobile Co. of America, Bridgeport, Conn.
 †Longest Bros. Co., Louisville, Ky.
 †Los Angeles Creamery Auto & Machine Co. (Electric), 1020 Towne av, Los Angeles, Cal.
 *†Lozier Motor Co., Mack & Belt Line, Detroit Mich.
 *†Luverne Auto Co., Luverne, Minn.
 *McFarlan Motor Co., Connersville, Ind.
 †Maccar Truck Co., Scranton, Pa.
 †Madison Motors Corp., Anderson, Ind.
 *Maibohm Motor Co., Racine, Wis.
 *Maine Machine Wks., 701 N Main, Los Angeles, Cal.
 †Mals Motor Truck Co., Indianapolis, Ind.
 †Martin Carriage Works, York, Pa.
 †Mather S. W. Auto Co., Cleveland, O.
 *Maxwell Motor Co., Woodward & Warren, Detroit, Mich.
 †Menominee Motor Truck Co., Menominee, Mich.
 *Mercer Automobile Co., Trenton, N. J.
 †Mercury Mfg. Co., 4110 S Halsted, Chicago, Ill.
 †Meteor Motor Car Co., Piqua, Ohio
 †Metropolitan Motors, Inc., 220 W. 42d, New York
 *Metz Co., Waltham, Mass.
 Michigan Hearse & Motor Co. (Funeral Cars, Ambulances, Hearses, etc.), 1500 Union av, S E, Grand Rapids, Mich.
 *Mier Carriage & Buggy Co., Ligonier, Ind.
 *Milburn Wagon Co. (Electric), 31-34 Monroe av, Toledo, Ohio
 *Militaire Motor Vehicle Co., Kensington av, Buffalo, N. Y.
 †Mills-Ellsworth Co., Keokuk, Ia.
 *Milwaukee Auto Engine & Supply Co. (To order only), 708 Vinnebago, Milwaukee, Wis.
 Minerva Motor Car Co. (Importers), 1896 B'way, New York
 *Mitchell Motors Co., Inc., Racine, Wis.
 †Mogul Motor Truck Co., 4125 Forest Park boul, St. Louis, Mo.
 *Moline Automobile Co., East Moline, Ill.
 †Monarch Light Truck Co., Milwaukee, Wis.
 *§Monroe Motor Co., Flint, Mich.
 †Moon Jos. W. Buggy Co., Main & Douglas, St. Louis, Mo.
 *Moon Motor Car Co., 4402 Main, St. Louis, Mo.
 *Moore Motor Vehicle Co., 1st av & 5th, N E, Minneapolis, Minn.
 †Mora Power Wagon Co., 5320 St. Clair av, Cleveland, O.
 †Moreland Motor Truck Co., Los Angeles, Cal.
 †Morton Truck & Tractor Co., Harrisburg, Pa.
 *Moyer H. A., Syracuse, N. Y.
 *Murray Motor Car Co. (Gasoline), 3724 Grant boulevard, Pittsburgh, Pa.
 *Mutual Motors Co., Jackson, Mich.
 *Napoleon Auto Mfg. Co., Napoleon, O.
 *Nash Motors Co., The, Kenosha, Wis.
 *National Motor Car & Vehicle Corp. (Electric & Gasoline), 1004 E 22nd, Indianapolis, Ind.
 †Nelson & Le Moon, 849 N Kedzie, Chicago, Ill.
 *†Neville Thomas & Co., Oshkosh, Wis.
 †New England Truck Co., Fitchburg, Mass.
 New Haven Carriage Co., New Haven, Conn.
 †New Haven Truck & Auto Works, New Haven, Conn.
 New York Motor Works Co., Nutley, N. J.
 †Niles Car & Mfg. Co., Niles, Ohio
 *†Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 †Norwalk Motor Car Co., Martinsburg, W. Va.

*Oakland Motor Car Co. (Dept. General Motors Co.), Pontiac, Mich.
 *Ogren Motor Car Co, 39 S La Salle, Chicago, Ill
 *Ohio Electric Car Co. (Electric), Toledo, O.
 †Old Reliable Motor Truck Co., 3921 S Michigan av, Chicago, Ill.
 *Olds Motor Works (Dept. General Motors Co.), Lansing, Mich.
 *Olympian Motors Co., Pontiac, Mich.
 Otto Albert T. & Sons (Import), 1876 B'way, New York
 †Pacific Metal Products Co., Torrance, Cal.
 *†Packard Motor Car Co., Boulevard & Belt Line, Detroit, Mich.
 †Packett Motor Car Mfg. Co., 2743 Lyndale av S, Minneapolis, Minn.
 *Paige-Detroit Motor Car Co., McKinstry & Fort, Detroit, Mich.
 †Palmer-Meyer Motor Car Co., 5027 McKissock av, St. Louis, Mo.
 Paterson W A Co, Flint, Mich
 *Pathfinder Co, Indianapolis, Ind
 *†Peerless Motor Car Co, Quincy av & E 93d, Cleveland, O.
 *†Pennsy Motors Co (Gasoline), Penn av, nr Allegheny av, N S, Pittsburgh, Pa.
 *Petrel Motor Car Co., 1st & Oklahoma av, Milwaukee, Wis.
 Peugeot Auto Import Co., 1800 B'way, New York
 *†Pierce-Arrow Motor Car Co., 1605 Elmwood av, Buffalo, N. Y.
 †Piggins Motor Truck Co., Racine, Wis.
 †Pilot Motor Car Co., Richmond, Ind.
 †Pittsburg Machine Tool Co., Braddock, Pa.
 *Porter, Finley Robertson Co. (Gasoline), Port Jefferson Station, Long Island, N. Y.
 *Premier Motor Corp., 20th & Olney, Indianapolis, Ind.
 §Princess Motor Car Co., 348 Clay av, Detroit, Mich.
 *†Pullman Motor Car Co., York, Pa.
 *R. C. H. Corp., Lyncaste av, Detroit, Mich.
 *Reeves Sexton Auto Co., Columbus, Ind.
 †Regal Motor Car Co., Beaubien & Trombley, Detroit, Mich.
 †Remington Motor Co., 9 Cent. Park, W, New York
 Renault Selling Branch (Importers), 719 5th av, New York
 *Reo Motor Car Co., Lansing, Mich.
 †Republic Motor Truck Co., Alma, Mich.
 *Richard Auto Mfg. Co., Engineers bldg, Cleveland, O.
 †Robinson Motor Truck Co. 2d av N & 7th, Minneapolis, Minn.
 *Ross Automobile Co., Jefferson & McDougall avs, Detroit, Mich.
 †Rowe Motor Mfg. Co. (Motor Trucks), East Downingtown, Pa.
 †Royal Motor Truck Co. of N. Y., 112 8th av, New York
 †Rush Motor Truck Co., 1014 N Front, Philadelphia, Pa.
 *Saginaw Motor Car Co., Saginaw, Mich.
 †Sandow Motor Truck Co., 1714 Michigan av, Chicago, Ill.
 †Sanford Motor Truck Co., Syracuse, N. Y.
 †Saxon Motor Car Co., 1305 Bellevue av, Detroit, Mich.
 †Sayers & Scovill Co., 2247 Colerain av, Cincinnati, O.
 *†Schacht G. A. Motor Truck Co., Gest & Evans, Cincinnati, O.
 *†Schildwacher Automobile Co., 1887 Park av, New York.
 †Schleicher Motor Vehicle Co., 37 W 14th, New York
 *Schoeneck Co., Harvey, Chicago, Ill.
 †Schoepflin L. G. Co., 80 W Mohawk, Buffalo, N. Y.
 §Scripps Booth Corp., Beaufait & Gratiot avs, Detroit, Mich.
 *Sebring Motor Car Co., Sebring O.
 †Selden Motor Vehicle Co., Rochester, N. Y.
 *Seneca Motor Co., Fostoria, O.
 †Service Motor Truck Co., Wabash, Ind.
 †Sheffield Car Co., Three Rivers, Mich.
 †Sheridan Commercial Car Co., Harvey, Ill.
 †Slebert F. L., Toledo, O.
 †Signal Motor Truck Co., 672 Commonwealth, Detroit, Mich.
 *Simplex Automobile Corp., 60 B'way, New York
 *Singer Motor Co., 1790 Broadway, New York
 *Smith A. O. Co., (& Juvenile Cars, 1½ H. P.), 27th & Keefe av, Milwaukee, Wis.
 †South Bend Motor Car Works, South Bend, Ind.

*Spaulding Mfg. Co., Grinnell, Ia.
 *Spoerer's Carl Sons Co., 909 S Carey, Baltimore, Md.
 †Spokane Auto Mfg. Co., Spokane, Wash.
 *†Stafford Motor Car Co., Kansas City, Mo.
 †Standard Motor Truck Co., 1842 Euclid av, Cleveland, O.
 †Standard Motor Truck Co., 496 Bellevue av, Detroit, Mich.
 †Standard Steel Car Co., A. V. R. R., Verona, Pittsburgh, Pa
 *†Stanley Motor Carriage Co. (steam), Newton, Mass.
 †Star Carriage Co., Seattle, Wash.
 *States Motor Car Mfg. Co., Kalamazoo, Mich.
 *†Stearns F. B. Co., Euclid av & Lakeview rd, Cleveland, O.
 †Steele W. M., Worcester, Mass.
 †Stegeman Motor Car Co., 606 Linus, Milwaukee, Wis.
 §Stephens James S., 7329 Bond av, Chicago, Ill.
 †Sternberg Motor Truck Co., Milwaukee, Wis.
 *Stephens Motor Br. of Moline Plow Co., Freeport, Ill.
 *Sterling Automobile Mfg. Co., 1790 B'way, New York
 †Sterling Motor Truck Co., 46th & Rogers, Milwaukee, Wis.
 †Stewart Iron Works Co., 17th & Madison, Cincinnati, O.
 †Stewart Motor Corp., Buffalo, N. Y.
 *†Studebaker Corp., Brush & Piquette, Detroit, Mich.
 *Stutz Motor Car Co., N W cor Capitol av & 10th, Indianapolis, Ind.
 †Sullivan Motor Truck Corp., 1703 East av, Rochester, N. Y.
 *Sun Motor Car Co., Elkhart, Ind.
 †Tegetmeier & Riepe Co., 771 1st av, New York
 †Thomas Auto Truck Co., 639 W 51st st, New York
 Thomas E. R. Motor Car Co., Buffalo, N. Y.
 †Tiffin Wagon Co., Tiffin, O.
 †Tower Motor Truck Co., Greenville, Mich.
 †Trabold Truck Mfg. Co., Johnstown, Pa.
 †Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.
 *Trumbull Motor Car Co., Bridgeport, Conn.
 †Twin City Four Wheel Drive Co., University, St. Paul, Mich.
 †Union Motor Truck Co., Bay City & Pelham, Mich.
 †United Motors Co., 675 North N W, Grand Rapids, Mich.
 *†U. S. Carriage Co., 319 S 4th, Columbus, O.
 †U. S. Motor Truck Co., Covington, Ky.
 †Universal Service Co., Grand River & Stanton avs, Detroit, Mich.
 §Valley Boat Co., Saginaw, Mich.
 †Veerac Co., Anoka, Minn.
 *Velie Motors Corp., Moline, Ill.
 †Viall Motor Car Co. (Gasoline), 21 E 11th, Chicago, Ill.
 †Vim Motor Truck Co., Market & 23d, Philadelphia, Pa.
 †Voltz Bros., 840 S Halsted, Chicago, Ill.
 †Walker Vehicle Co. (electric), 533 W 39th, Chicago, Ill.
 †Walter Motor Truck Co., 49 W 66th, New York
 †Ward Motor Vehicle Co. (Electric), Mount Vernon, N. Y.
 †Warren Motor Truck Co., Warren, O.
 *†Waverly Co., 139 S East, Indianapolis, Ind.
 *Wayne Works, Inc., Richmond, Ind.
 †West Coast Wagon Co., Tacoma, Wash.
 *Westcott Motor Car Co., Richmond, Ind.
 †Western Automobile Co., Seattle, Wash.
 *†White Motor Co. (Gasoline), 842 E 79th, Cleveland, O.
 *†Wichita Automobile Co., Wichita, Kan.
 †Wichita Falls Motor Co., Wichita Falls, Tex.
 †Wilcox H. E. Motor Co., 1030 N E Marshall, Minneapolis, Minn.
 †Willet Engine & Truck Co., 6 Lock, Buffalo, N. Y.
 †Willingham's E. G. Sons, Atlanta, Ga.
 *†Willys-Overland Co., Toledo, O.
 †Wilson J. C. Co., 15th & Warren, Detroit Mich.
 †Winther Motor Truck Co., Kenosha, Wis.
 *Winton Co., Berea rd, Cleveland, O.
 †Witt-Will Co., Washington, D. C.
 †Wolverine Automobile Co., Toledo, Ohio
 §Woods Mobilette Co., 2007 S Michigan av, Chicago, Ill.
 *Woods Motor Vehicle Co. (Electric), 2500 Cottage Grove av, Chicago, Ill.

When writing to firms listed
 in this book please mention
HENDRICKS'
COMMERCIAL REGISTER

†Zeitler & Lamson Truck Co., 4644 W Madison, Chicago, Ill.

322—Automobile or Motor Car Trade Names

Each name is followed by the title (in some cases in an abbreviated form) of the firm making or handling car. For the full name, address and variety of product of each firm see the preceding list of Automobile Builders.

Names of Foreign Cars are followed by the word "Imported"

"A & R"—Abendroth & Root Mfg. Co.
 "ABBOTT-DETROIT"—Abbott Corp.
 "ACASON"—Acason Motor Truck Co.
 "ACME"—Acme Motor Truck Co.
 "ACME"—Acme Wagon Wks
 "ACME"—Cadillac Auto Truck Co.
 "ADAMS"—Adams Truck Foundry & Machine Co.
 "ALLEN"—Allen Motor Co.
 "ALTER"—Alter Motor Car Co.
 "AMERICAN SIX"—American Motors Corp.
 "AMES"—Ames M. C. Co.
 "ANDERSON"—Anderson Carriage Mfg. Co.
 "ANDERSON-SIX"—Anderson Motor Co.
 "ANDOVER"—Andover M. V. Co.
 "APPERSON"—Apperson Bros. Automobile Co.
 "ARBENZ"—Arbenz Car Co.
 "ARGOMOTORVIQUE"—Argo Motor Co.
 "ARMLEDER"—Armleder O. Co.
 "ATLANTIC"—Atlantic Electric Vehicle Co.
 "ATLAS"—Martin Carriage Works
 "ATTERBURY"—Atterbury M. C. Co.
 "AUBURN"—Auburn Automobile O. Co.
 "AUGLAIZE"—Auglaize M. C. Co.
 "AUSTIN"—Austin Automobile Co.
 "AUTOCAR"—Autocar Co.
 "AVAILABLE"—Available T. Co.
 "B. G. O."—Bowling Green M. Truck Co.
 "BABY GRAND"—Chevrolet Motor Co.
 "BAKER"—Baker R. & L. Co.
 "BARKER"—Barker C. L.
 "BAUER"—Bauer Machine Works Co.
 "BEARDSLEY"—Beardsley Electric Co.
 "BEAVER"—Beaver State Motor Co.
 "BECK"—Beck & Son
 "BEECH CREEK"—Beech Creek Truck & Auto Co.
 "BELL"—Bell Motor Car Co.
 "BESSEMER"—B. M. T. Co.
 "BEST"—Dort Motor Car Co.
 "BIDDLE"—Biddle Motor Car Co.
 "BIMEL"—Bimel Automobile Co.
 "BLAIR"—Blair Motor Truck Co.
 "BOUR-DAVIS"—Bour-Davis Motor Car Co.
 "BOURNE"—Bourne Magnetic Truck Co.
 "BRINTON"—Brinton Motor Truck Co.
 "BRISCOE"—Briscoe Motor Corp.
 "BROCKWAY"—Brockway, M. T. Co.
 "BUCKEYE"—Buckeye Mfg. Co.
 "BUICK"—Buick M. Co.
 "BURG"—Burg L. Carriage Co.
 "BURROWS"—Burrows Cycle Car Co.
 "BUTLER"—Huselton Auto Co.
 "C. G. V." (Imported)—Ducasse F.
 "C. T."—Commercial T. Co. of America
 "CADILLAC"—Cadillac Motor Car Co.
 "CASE"—Case J. I. Threshing Machine Co.
 "CASS"—Independent Motors Corp.
 "CENTURY"—Century Mfg. Co.
 "CHADWICK"—Chadwick Engineering Works
 "CHALMERS"—Chalmers Motor Co.
 "CHAMPION"—Champion Wagon Co.
 "CHANDLER"—Chandler M. C. Co.
 "CHASE"—Chase Motor T. Co.
 "CHEVROLET"—Chevrolet M. Co.
 "CLYDE"—Clyde Cars Co.
 "COEY, JR."—Coe Motor Co.
 "COLBURN"—Colburn Auto Co.
 "COLE"—Cole M. C. Co.
 "COLLIER"—Collier Motor Truck Co.
 "COLUMBIA"—Columbia Motor Truck & Trailer Co.
 "COMMER"—Commercial Cars, Ltd.
 "COMMERCE"—Commerce M. C. Co.
 "CONNERSVILLE"—Connerville Buggy Co.
 "CONTINENTAL"—Continental Motor Truck Co.
 "CONTINENTAL"—Continental Truck Mfg. Co.
 "CORBIN"—Corbin M. V. Corporation
 "CORBITT"—Corbitt Auto Co.
 "CORLISS"—Corliss Motor Truck Co.

"COUPLE GEAR"—Couple Gear Freight Wheel Co.
 "CRANE & BREED"—Crane & Breed Mfg. Co.
 "CRAWFORD"—Crawford Automobile Co.
 "CROCE"—Croce Auto Co.
 "CROW-ELKHART"—Crow-Elkhart M. Co.
 "CROWTHER"—Crowther Motor Co.
 "CULVER"—Culver Mfg. Co.
 "CUNNINGHAM"—Cunningham Jas. Son & Co.
 "CURTIS"—Pittsburgh Machine Tool Co.
 "D. B."—Dodge Bros.
 "D-E"—Day-Elder Motors Co.
 "DANIELS EIGHT"—Daniels Motor Car Co.
 "DANIELSON"—Danielson Engine Works
 "DARRACO" (Imported)—Ducasse F.
 "DART"—Dart Motor Truck Mfg. Co.
 "DAVIS"—Davis G. W. M. C. Co.
 "DE DION-BOUTON" (Imported)—De Dion-Bouton Auto Co.
 "DE KALB"—De Kalb Mfg. Co.
 "DEKALB"—De Kalb Wagon Co.
 "DENBY"—Denby Motor Truck Co.
 "DENMO"—Denneen Motor Co.
 "DE TAMBLE"—De Tambre Motors Co.
 "DETROIT COMMERCIAL"—Detroit Commercial Car Co.
 "DETROIT ELECTRIC"—Anderson Electric Car Co.
 "DETROITER"—Detroit Motor Car Co.
 "DIAMOND T"—Diamond T. M. C. Co.
 "DISPATCH"—Dispatch Motor Car Co.
 "DIXIE"—Dixie Motor Car Co.
 "DOANE"—Doane Motor Truck Co.
 "DOBLE"—Doble Abner Co.
 "DOBLE - DETROIT"—Doble - Detroit Steam Motors Co.
 "DODGE"—Dodge Bros.
 "DORRIS"—Dorris Motor Car Co.
 "DORT"—Dort Motor Car Co.
 "DREADNOUGHT MOLINE"—Moline Auto Co.
 "DREXEL"—Drexel Motor Car Corp.
 "DRUMMOND"—Drummond Motor Co.
 "DUDLEY BUG"—Dudley Tool Co.
 "DUNN CAR"—Dunn Walter E.
 "DUNTLEY"—Chicago Pneumatic Tool Co.
 "DUPLEX 4 WHEEL DRIVE"—Duplex Power Car Co.
 "DURABLE DAYTON"—Durable Dayton Truck Co.
 "DURO"—Amalgamated Motors Corp.
 "DYNAMIC"—Gallion Dynamic M. T. Co.
 "E. M. F."—Studebaker Corp'n
 "EAGLE"—Eagle-Macomber Motor Car Co.
 "ECONOMY"—Economy Motor Co.
 "ELCAR"—Elkhart Carriage & Motor Car Co.
 "ELECTROMOBILE"—Electromobile Motor Car Co.
 "ELDRIDGE"—Eldridge Mfg. Co.
 "ELGIN SIX"—Elgin Motor Car Corp.
 "ELMIRA"—Elmira Commercial Motor Car Co.
 "EMPIRE"—Empire Automobile Co.
 "ENGER"—Enger M. C. Co.
 "ERIE"—Erie Motor Truck Co.
 "ERWIN"—Erwin Motor & Machine Co.
 "EUBANK"—Eubank & Amacher Wagon Works.
 "F. R. P."—Porter, Finley, Robertson Co.
 "F. & S."—F. & S. Motors Co.
 "FARGO"—Fargo M. C. Co.
 "FEDERAL"—Federal M. T. Co.
 "FIAT"—F. I. A. T. (Inc.)
 "FLINT"—Dort Motor Car Co.
 "FORD"—Ford Motor Co.
 "FORSCHLER"—Forschler Motor Truck Mfg. Co.
 "FOUR WHEEL DRIVE"—Four Wheel Drive Auto Co.
 "FRANKLIN"—Franklin Automobile Co.
See adv index at end of book
 "FRITCHLE"—Fritchle Automobile & Battery Co.
 "FRONTENAC"—Frontenac Motor Co.
 "G. M. C."—General M. T. Co.
 "G. V."—General Vehicle Co.
 "G. V. MERCEDES"—General Vehicle Co., Inc.
 "GABRIEL"—W. H. Gabriel Carriage & Wagon Co.
 "GARFORD"—Garford Motor Car Co.
 "GARY"—Gary Motor Truck Co.
 "GENEVA"—Geneva Wagon Co.
 "GERSIX"—Gerlinger Motor Car Co.
 "GHENT"—Ghent Motor Co.
 "GILLETTE"—Gillette Motors Co.
 "GLIDE"—Bartholomew Co.
 "GOLDEN WEST"—Golden West Motors Co.
 "GRAMM"—G. B. Motor Truck Co.

"GRANT SIX"—Grant M. Car Co.
 "GREAT CHADWICK"—Chadwick Engineering Works
 "GREAT EAGLE"—U. S. Carriage Co.
 "GRINNELL"—Grinnell E. C. Co.
 "HAHN"—Hahn M. T. & W. Co.
 "HAL"—Hal Motor Mfg. Co.
 "HALL"—Lewis-Hall Iron Works
 "HANNIBAL"—Hannibal Wagon Co.
 "HARDER"—Harder A. T. Co.
 "HARLEY DAVIDSON"—Harley Davidson Motor Co.
 "HARRISON"—Harrison R. Co.
 "HARVARD"—Harvard-Pioneer Motor Car Corp.
 "HARVEY"—Harvey M. T. Works
 "HATFIELD"—Cortland Cart & Carriage Co.
 "HAWKEYE"—Hawkeye Mfg. & Repair Co.
 "HAYNES"—Haynes Automobile Co.
 "HENDERSON"—Henderson Bros.
 "HENDRICKSON"—Hendrickson Motor Truck Co.
 "HERFF BROOKS"—Wayne Works
 "HEWITT"—International Motor Co.
 "HEWITT-LUDLOW"—H. L. Auto Co.
 "HOAGLAND THAYER"—Hoagland Thayer
 "HOFFMAN"—Hoffman M. T. Co.
 "HOOVER"—Hoover Wagon Co.
 "HORNER"—Detroit-Wyandotte Motor Truck Co.
 "HOWARD"—Howard A. Co.
 "HUDSON"—Hudson Motor Car Co.
 "HUPMOBILE"—Hupp Motor Car Co.
 "HUPP-YEATS"—Hupp-Yeats Electric Car Co.
 "HURLBURT"—Hurlburt Motor Truck Co.
 "LANCO"—International Aerial Navigation Co.
 "IDEAL"—Ideal Auto Co.
 "INDEPENDENT"—Independent Motors Corp.
 "INDIANA"—Indiana Truck Co.
 "INTERNATIONAL"—International Motor Co.
 "INTERSTATE"—Interstate Motor Co.
 "ISOTTA-FRASCHINI"—Isotta Fraschini Motor Co.
 "JACKSON"—Jackson Automobile Co.
 "JEFFERY"—Nash Motors Co., The
 "JONES"—Jones Motor Car Co.
 "JORDAN"—Jordan Motor Car Co.
 "KEARNS"—Kearns M. T. Co.
 "KELLY"—Kelly-Springfield M. T. Co.
 "KENT"—Kent Motors Corp.
 "KIMBALL"—Kimball C. P. & Co.
 "KING"—King A. R. Mfg. Co.
 "KING"—King M. C. Co.
 "KISSEL KAR"—Kissel M. C. Co.
 "KLEIBER"—Kleiber & Co.
 "KLINE KAR"—Kline Car Corp'n
 "KNICKERBOCKER"—Knickerbocker M. T. Mfg. Co.
 "KOEHLER"—Koehler H. J., S. G. Co.
 "KOPP"—Kopp Motor Truck Co.
 "KOSMATH"—Kosmath Co.
 "KREBS"—Krebs Com. Car Co.
 "KRICKWELL"—Krickwell M. Co.
 "LAMBERT"—Buckeye Mfg. Co.
 "LANDSHAFT"—Landshaft Wm. & Sons
 "LANE"—Lane Motor Truck Co.
 "LANGE"—Lange M. T. Co.
 "LARRABEE"—Larrabee-Deyo Motor Truck Co.
 "LAUGHLIN"—Laughlin-Homer Engineers Corp.
 "LAUREL 35"—Laurel Motor Car Co.
 "LE MOON"—Nelson & Le Moon
 "LENOX"—Lenox M. C. Co.
 "LEXINGTON"—Lexington-Howard Co.
 "LIBERTY"—Liberty Motor Car Co.
 "LIGHT CAR"—Monroe Motor Co.
 "LINCOLN"—Lincoln M. T. Co.
 "LIPPARD-STEWART"—Lippard-Stewart M. C. Co.
 "LITTLE GIANT"—Chicago Pneumatic Tool Co.
 "LITTLE PRINCESS"—Princess Motor Car Co.
 "LOCOMOBILE"—Locomobile Co. of Am.
 "LONGEST"—Longest Bros. Co.
 "LOZIER"—Lozier M. Co.
 "LUVIERNE"—Luvierne Auto Co.
 "M. H. C."—Michigan Hearse & Motor Co.
 "McFARLAN"—McFarlan Motor Co.
 "MACCAR"—Maccar Truck Co.
 "MACK"—International Motor Co.
 "MACKBILT"—Metropolitan Motors, Inc.
 "MADISON"—Madison Motors Corp.
 "MAIBOHM"—Maibohm Motor Co.
 "MAIS"—Mais M. T. Co.
 "MAJESTIC"—Milwaukee Auto E. & S. Co.
 "MARION"—Mutual Motors Co.

"MARMON"—Nordyke & Marmon Co.
 "MARTIN"—Martin Carriage Works
 "MATHER"—Mather S. W. Auto Co.
 "MAXWELL"—Maxwell Motor Co.
 "MENOMINEE"—Menominee Motor Truck Co.
 "MERCER"—Mercer Auto Co.
 "MERCURY"—Mercury Mfg. Co.
 "METEOR"—Meteor Motor Car Co.
 "METZ"—Metz Co.
 "MIER"—Mier Carriage & Buggy Co.
 "MILBURN"—Milburn Wagon Co.
 "MINERVA"—(Imported)—Minerva Motor Car Co.
 "MITCHELL"—Mitchell Motors Co., Inc.
 "MOBILETTE"—Woods Mobilette Co.
 "MODERN"—Bowling Green M. T. Co.
 "MOELLER"—New Haven T. & A. Works
 "MOGUL"—Mogul M. T. Co.
 "MOLINE KNIGHT"—Moline Automobile Co.
 "MONARCH"—Monarch Light Truck Co.
 "MONROE"—Monroe Motor Co.
 "MOON"—Moon Jos. W. Buggy Co.
 "MOON"—Moon Motor Car Co.
 "MOORE"—Moore Motor Vehicle Co.
 "MOORE"—Pacific Metal Products Co.
 "MORA"—Mora P. W. Co.
 "MORELAND"—Moreland M. T. Co.
 "MORSE"—Easton Machine Co.
 "MORTON"—Morton Truck & Tractor Co.
 "MOYER"—Moyer H. A.
 "MURRAY CAR"—Murray Motor Car Co.
 "NAPOLEON"—Napoleon Auto Mfg. Co.
 "NASH"—Nash Motors Co., The
 "NATIONAL"—National M. C. & M. V. Corp.
 "NETCO"—New England Truck Co.
 "NEVILLE"—Neville T. & Co.
 "NEWARK"—Blair Motor Truck Co.
 "NEW YORK"—Tegetmeier & Riepe Co.
 "NILES"—Niles Car & Mfg. Co.
 "NORWALK"—Norwalk M. C. Co.
 "OAKLAND"—Oakland Motor Car Co.
 "OHIO"—Ohio Electric Car Co.
 "OLD HICKORY"—Kentucky Wagon Mfg. Co.
 "OLD RELIABLE"—Old Reliable M. T. Co.
 "OLDSMOBILE"—Olds Motor Works
 "OVERLAND"—Willis-Overland Co.
 "PACKARD"—Packard Motor Car Co.
 "PACKET"—Scripps-Booth Corp.
 "PAIGE"—Paige-Detroit M. C. Co.
 "PALMER"—Commonwealth Motors Co.
 "PALMER"—Palmer-Meyer M. C. Co.
 "PARTIN"—Commonwealth Motors Co.
 "PATERSON"—Paterson W. A. Co.
 "PATHFINDER"—Pathfinder Co.
 "PEERLESS"—Peerless M. C. Co.
 "PENNSY"—Pennsy Motors Co.
 "PETREL"—Petrel Motor Car Co.
 "PIERCE ARROW"—Pierce Arrow Motor Car Co.
 "PIGGINS"—Piggins Motor Truck Co.
 "PILOT"—Pilot M. C. Co.
 "PREMIER"—Premier Motor Corp.
 "PRINCESS"—Princess Motor Car Co.
 "PULLMAN"—Pullman Motor Car Co.
 "R. C. H."—R. C. H. Corp.
 "REGAL"—Regal Motor Car Co.
 "REMINGTON"—Remington M. Co.
 "RENAULT"—(Imported)—Renault Selling Branch
 "REO"—Reo Motor Car Co.
 "REPUBLIC"—Republic M. Truck Co.
 "RICHARD"—Richard Auto Mfg. Co.
 "RICHMOND"—Wayne Works
 "RIKER"—(Capacity 1½ to 5 tons)—Locomotive Co. of America.
 "ROAMER & HALLADAY"—Barley Motor Car Co.
 "ROBINSON"—Robinson M. T. Co.
 "ROCKET"—Scripps-Booth Corp.
 "ROSS"—Ross Automobile Co.
 "ROWE"—Rowe Motor Mfg. Co.
 "ROYAL"—Royal M. T. Co.
 "ROYAL MAIL"—Chevrolet Motor Co.
 "RUSH"—Rush Motor Truck Co.
 "SAGINAW"—Valley Boat Motor Co.
 "SANDOW"—Sandow Motor Truck Co.
 "SANFORD"—Sanford M. T. Co.
 "SAURER"—International Motor Co.
 "SAXON"—Saxon Motor Car Co.
 "SAYRE & SCOVILL"—Sayers & Scovill Co.
 "SCHACHT"—Schacht G. A. M. T. Co.
 "SCHILDWACHTER"—Schildwachter Auto Co.
 "SCHLEICHER"—Schleicher M. V. Co.
 "SEBRING"—Sebring M. C. Co.
 "SELDEN"—Selden Motor Vehicle Co.
 "SERVICE"—Service M. T. Co.
 "SHERIDAN"—Sheridan Commercial Car Co.
 "SIEBERT"—Siebert F. L.

"SIGNAL"—Signal M. T. Co.
 "SIMPLEX"—Simplex Automobile Corp.
 "SINGER"—Singer Motor Co.
 "SMITH MILWAUKEE"—Smith A. O. Co.
 "SMITH MOTOR WHEEL"—Smith A. O. Co.
 "SOUTH BEND"—South Bend Motor Car Works
 "SPAULDING"—Spaulding Mfg. Co.
 "SPOERER"—Spoerer's C. Sons Co.
 "SPRITE"—Frazier W. S. & Co.
 "STAFFORD"—Stafford M. C. Co.
 "STANDARD"—Standard Steel Car Co.
 "STANLEY"—Stanley M. C. Co.
 "STATES"—States Motor Car Mfg. Co.
 "STEARNS"—Stearns F. B. Co.
 "STECO"—Stephens James S.
 "STEELE"—Steele W. M.
 "STEGEMAN"—Stegeman M. C. Co.
 "STEPHENS"—Stephens Motor Br. of Moline Plow Co.
 "STERLING"—Sterling Motor Truck Co.
 "STERNBERG"—Sternberg Motor Truck Co.
 "STEWART"—Stewart M. Corp.
 "STUDEBAKER"—Studebaker Corp'n
 "STUTZ"—Stutz M. C. Co.
 "SULLIVAN"—Sullivan M. T. Corp.
 "SUN"—Sun Motor Car Co.
 "SUNLIGHT SIX"—Sun Motor Car Co.
 "SUPERIOR"—Willingham's E. G. Sons
 "THOMAS"—Thomas Auto Truck Co.
 "THOMAS"—Thomas E. R. Motor Car Co.
 "TIFFIN"—Tiffin Wagon Co.
 "TOWER"—Tower Motor Truck Co.
 "TRABOLD"—Trabold Truck Mfg. Co.
 "TRIUMPH"—Triumph M. C. Co.
 "TROJAN"—Commercial Truck Co.
 "UNION"—Union Motor Truck Co.
 "UNITED"—United Motors Co.
 "U. S."—United States M. T. Co.
 "UNIVERSAL"—Universal Service Co.
 "URBAN"—Kentucky Wagon Mfg. Co.
 "VEERAC"—Veerac Co.
 "VELIE"—Velie Motors Corp.
 "VIALI"—Viali Motor Car Co.
 "VIM"—Vim Motor Truck Co.
 "VOLTZ"—Voltz Bros.
 "WACO"—Western Automobile Co.
 "WALKER BALANCE DRIVE"—Walker Vehicle Co.
 "WALTER"—Walter M. T. Co.
 "WARD"—Ward M. V. Co.
 "WARREN"—Warren Motor Truck Co.
 "WAVERLY"—Waverly Co.
 "WESCOTT"—Wescott M. C. Co.
 "WEST COAST"—West Coast Wagon Co.
 "WESTERN"—Western Automobile Co.
 "WHITE"—White Motor Co.
 "WICHITA"—Wichita Falls M. Co.
 "WILCOX"—Wilcox H. E. Motor Car Co.
 "WILLET"—Willet Engine & Truck Co.
 "WILSON"—Wilson J. C. Co.
 "WINTON"—Winton Co.
 "WITT-WILL"—Witt-Will Co.
 "WOLVERINE"—Wolverine Automobile Co.
 "WOODS"—Woods M. V. Co.
 "WOODS MOBILETTE"—Woods Mobilette Co.
 "YALE"—Saginaw Motor Car Co.
 "ZEITLER & LAMSON"—Zeitler & Lamson Truck Co.

323—*Automobile Electrical Equipment

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

324—Automobile Hampers

See Baskets, Hampers & Touring Cases, Automobile

325—Automobile Metal Tire Cases

MERCHANT & EVANS CO. ("Star"), 2035 Washington, Phila., Pa. *See adv index at end of book*

326—Automobile Oil Retainers

Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.

327—*Automobile Parts (Hardened & Ground)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*

328—*Automobile Parts & Fittings

See also the Special Article Required
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
BOSSERT CORPORATION, THE (Pressed to Order), Utica, N. Y. *See adv index at end of book*
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*
FOXBORO COMPANY THE, succeeding Industrial Instrument Co. ("Foxboro"), Automobile Gauges, Foxboro, Mass. *See adv index at end of book*
LUNKENHEIMER CO. (Lubricators & Fittings). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
MERCHANT & EVANS CO., 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*
 Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Automobile Sheet Metal Forms

See Stamping, Automobile

329-30—*Automobile Steering Links

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*

331—*Automobile Tank & Muffler Parts

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

332—*Automobile Tanks & Mufflers

See also Mufflers, Automobile; also Tanks
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
 Kraft A. C., 323 W Lake, Chicago, Ill.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

332a—*Automobile Upholstery (Top, Curtain & Trimming Materials)

DU PONT FABRIKOID CO. (Leather Type), Wilmington, Del. *For branch offices see adv index at end of book*

333—Automobiles (Juvenile)

Smith A. O. Co. (1½ Horse Power), 27th & Keefe av, Milwaukee, Wis.

334—Automotoneers

Electric Service Supplies Co. ("Garton & Daniels," For Street Railway Controllers), 17 & Cambria, Phila., Pa.

335—Awls (Belt)

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Greene, Tweed & Co. ("Lathrop's"), 109 Duane, New York
 Johnson Wm. (Hedenberg Works), Newark, N. J.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Manufacturers' Belt Hook Co. ("L-X", "Lothrop"), 113 N Green, Chicago, Ill.
 Mixer J. W. Saw Tool Co., Plymouth, Mass.

Mound Tool Co., 1203 S 7th, St. Louis, Mo.
 Osborne C. S. & Co., Harrison, N. J.
 Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Swan James Co., Seymour, Conn.
 Tucke Mfg. Co., Brockton, Mass.

336—Awls (Brad)

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O. *See adv index at end of book*
 Holt G. L. Co., Hartford, Conn.
 Mayhew H. H. Co., Shelburne Falls, Mass.

337—Awls (Carpet)

Johnson Wm. (Hedenberg Works), Newark, N. J.

338—Awls (Harness, Etc.)

Peg Sewing, etc

Buck Bros., Millbury, Mass.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Dikeman Mfg. Co., Norwalk, Conn.
 Lawton & Bushman ("Summers"), Burlington, Wis.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Millers Falls Co., 28 Warren, New York
 Myers C. A. Awl Co. ("Wonderful" Sewing), 6316 University av, Chicago, Ill.
 Osborne C. S. & Co., Harrison, N. J.
 Richard Stephen Co. (Peg Hafts), Southbridge, Mass.
 Sargent & Co. (Pig), New Haven, Conn.
 Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
 Stewart-Skinner Co. ("Speedy Stitcher"), Worcester, Mass.
 Thornton John Jr. ("John Nichol's" Imp), 108 Worth, New York
 Tucke Mfg. Co., Brockton, Mass.

Awls (Ice)

See Picks, Ice

339—Awls (Lime Hook)

Emrich Phil, 824 Main, Cincinnati, O.

340—Awls (Scratch)

Arcade Mfg. Co. (Wood Handle & "Serpentine," Freeport, Ill.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Browne & Dowd Mfg. Co., Meriden, Conn.
 Buck Bros. Millbury, Mass.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Bullock Mfg. Associates, Springfield, Mass.
 Cronk & Carrier Mfg. Co. ("Elmore"), Elmira, N. Y.
 Goodell-Pratt Co., Greenfield, Mass.
 Jennings C. E. & Co. (Socket), 71 Murray, New York
 Johnson Wm. (Hedenburg Works), Newark, N. J.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Robinson M. W. Co. ("Robinson"), 203 37th, Brooklyn, N. Y.
 S. & I. Co., Springfield, Mass.
 Sargent & Co., New Haven, Conn.
SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York
See adv index at end of book
 Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Tucke Mfg. Co., Brockton, Mass.

341—Awning Fixtures

Roe Justus & Sons ("Roe's" Roller), Patchogue, N. Y.
 Simmons John Co. ("Sphinx" Noiseless), 110 Centre, New York
 Wilcox, Crittenden & Co. ("Keystone" Swivel Eye Blocks), Middletown, Conn.

342—Awning Fixtures (Blind)

Parker Wire Goods Co., Worcester, Mass.
 Wire Goods Co. ("North"), Worcester, Mass.

343—Awning Stripes**ATLANTA TENT & AWNING CO.**

Atlanta, Ga.
 Barrell Wm. L. Co. 8 Thomas, New York
 Columbian Mfg. Co., Greenville, N. H.
 Falls Co., Norwich, Conn.
 Gary James S. & Son, Equitable bldg, Baltimore, Md.
 Glen Raven Cotton Mills, Burlington, N. C.
 Kneidler & Co., Eadom & Kennedy, Phila., Pa.
 Mt. Vernon-Woodberry Mills, Coot bldg, Baltimore, Md.
 Otis Co., Ware, Mass.
 Texas Cotton Mill Co., McKinney, Tex.
 Thorndike Co., Thorndike, Mass.
 Warren Mfg. Co., Warren, Md.
 Whitaker Wm. & Sons, Cedar Grove, Phila., Pa.
 White Bros., Winchendon Springs, Mass.

344—Awnings (Cast Iron & Steel)

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

SMITH F. P. WIRE & IRON WORKS,

Lake & Dearborn, Chicago, Ill.
See adv index at end of book

345-6—Awnings (Corrugated Steel)

See also Cornices & Skylights
 Canton Metal Ceiling Co., Canton, O.
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
 Decatur Cornice & Roofing Co., New Decatur, Ala.
 East Birmingham Iron Roofing Co., Birmingham, Ala.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Eller Mfg. Co., Canton, O.
 Gara-McGinley Co., 23 S 17th, Phila., Pa.
 Globe Iron Roofing & Corrugating Co., Newport, Ky.
 Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.
 Harry O. K. Steel Works, Dallas, Tex.
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
 Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
 Illinois Art Metal Co., Springfield, Ill.
 International Steel & Iron Co., Evansville, Ind.
 Martin Metal Mfg. Co., Wichita, Kans.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Mesker Geo. L. & Co., Evansville, Ind.
 Milwaukee Corrugating Co., Milwaukee, Wis.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 Newport Rolling Mill Co., Newport, Ky.
 Penn Metal Ceiling & Roofing Co. Ltd., 23d & Hamilton, Phila., Pa.
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
 St. Louis Wire & Iron Co., 926 Chouteau av, St. Louis, Mo.
 St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.
 Sykes Co., 930 W 19th pl, Chicago, Ill.
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Corrugated Sheets Only), Wheeling, W. Va.

Awnings & Tents

See Tents, Contractors

347—Axe Mfrs.

American Axe & Tool Co., Glassport, Pa.
 Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co. (Ship-Carpenters' Chopping, Dock, Turpentine, Steel Poll, Bitted & Double Bitted Axes), Newburgh, N. Y.
 C. A. C. Axe Co., Holbrook, Mass.
 Colclesser Bros., El Dorado, Pa.
 Collins Co., Collinsville, Conn.
 Damon Bros., Carmel, Me.
 Dunn Edge Tool Co. ("Clipper," "Black Champion," "Aroostookaxe," "Victory," "Peerless," "Eaton" Patent Process, etc), Oakland, Me.
 Emerson & Stevens Mfg. Co., Oakland, Me.
 Evansville Tool Works, Evansville, Ind.
 Hammond C. & Son, Ogontz, Pa.
 Kelley B. & Co., Belfast, Me.
 Kelly Axe Mfg. Co., Charleston, W. Va.
 King John, Oakland, Me.
 Louisville Axe & Tool Co., Highland Park, Ky.
 McKinnon Rockaway Axe Co., Rockaway, N. J.
 Mack Axe Co., Beaver Falls, Pa.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Mann Edge Tool Co., Lewistown, Pa.
 Mann Jas. H. Co., Lewistown, Pa.
 North Wayne Tool Co. (Hand-made), Lowell, Me.
 Peavey Mfg. Co. ("Peavey" Chopping, Stamp Pole, Hunting, Last Block & Splitting, etc), Bangor, Me.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Fkd, Phila., Pa.
 Reading Saddle & Mfg. Co., Reading, Pa.
 Rixford Mfg. Co., East Highgate, Vt.

Romer Axe Co. ("Romer"), Dunkirk, N. Y.
 Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
 Warren Axe & Tool Co. ("Sager"), Warren, Pa.
 Weston Thos. B., 708 Light, Baltimore, Md.
 What Cheer Tool Co. ("What Cheer"), What Cheer, Ia.
 White G. Axe Co., Honesdale, Pa.
 Witham G. S., Caratunk, Me.

348—Axes (Boys')

American Axe & Tool Co. ("Blood's Champion," "Usona," "Red Warrior," "Hurd," "Americanax," "Niagara," "Red Ridge," "Hubbard"), Glassport, Pa.
 Evansville Tool Works, Evansville, Ind.
 Mack Axe Co., Beaver Falls, Pa.
 Mann Edge Tool Co. ("Diamond," "Red Top"), Lewistown, Pa.
 Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
 Romer Axe Co. ("Faultless," "Lake City," "Romer," "Uncle Sam"), Dunkirk, N. Y.
 Rubinow Edge Tool Works ("Empire," "Republic"), 35 Vesey, Newark, N. J.

349—Axes (Broad)

American Axe & Tool Co. ("Champion," "Diamond A," "Peerless," "Red Warrior," "Underhill," "Hurd," "Hunt"), Glassport, Pa.
 Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Collins Co., Collinsville, Conn.
 Evansville Tool Works, Evansville, Ind.
 Kelly Axe Mfg. Co., Charleston, W. Va.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Mann Edge Tool Co., Lewistown, Pa.
 Peavey Mfg. Co., Bangor, Me.
 Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
 Romer Axe Co. ("Romer"), Dunkirk, N. Y.
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

350—Axes (Firemen's)

American Axe & Tool Co. ("Hurd," "Blair," "Lippincott," "Underhill"), Glassport, Pa.
 Black Jno. B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Collins Co., Collinsville, Conn.
 Evansville Tool Works, Evansville, Ind.
 Hayward S. F. & Co., 250 W 54th, New York
 Kelly Axe Mfg. Co., Charleston, W. Va.
 Mack Axe Co., Beaver Falls, Pa.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Romer Axe Co. ("Romer," Handled), Dunkirk, N. Y.
 Rex-Harris Fire Appliance Co., 39 E 19th, New York
 Warren Axe & Tool Co. ("Sager"), Warren, Pa.

351—Axes (Hunters')

American Axe & Tool Co. ("Americanax," "Hurd," "Blood," "Duquesne," "Hunt," "Underhill," "Redridge," "H. T. Miller's"), Glassport, Pa.
 C. A. C. Axe Co. ("Damascus"), Holbrook, Mass.
 Collins Co., Collinsville, Conn.
 Dunn Edge Tool Co., Oakland, Me.
 Evansville Tool Works, Evansville, Ind.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Mack Axe Co., Beaver Falls, Pa.
 Marble Arms & Mfg. Co. ("Marble's" Handy, for Hunters, etc), Gladstone, Mich.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
 Reading Saddle & Mfg. Co., Reading, Pa.
 Romer Axe Co. ("Romer," Handled), Dunkirk, N. Y.
 Rubinow Edge Tool Works ("Empire," "Republic"), 35 Vesey, Newark, N. J.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Williams A. C. Co. (Cast Iron Only), Ravenna, Ohio

352— Axes (Ice)

American Axe & Tool Co. ("Underhill"), Glassport, Pa.
Black John B Co. ("Wm. Beatty & Sons"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Collins Co., Collinsville, Conn.
Dernell H. F. Co., Athens, N. Y.
Evansville Tool Works, Evansville, Ind.
Gifford-Wood Co., Hudson, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Romer Axe Co. ("Romer" Handled), Dunkirk, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Warren Axe & Tool Co. ("Sager"), Warren, Pa.

353— Axes (Stone)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Atha Tool Co. (With & Without Teeth), Chapel, Newark, N. J.
Beall Bros., Alton, Ill.
Evansville Tool Works, Evansville, Ind.
Hauck Wm. J., 306 South West blvd, Kansas City, Mo.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Oliver Iron & Steel Co., S. 10th & Muriel, Pittsburgh, Pa.
Warren Tool & Forge Co. (also With Teeth), Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*

354— Axes (Tobacco)

Bicknell Mfg. & Supply Co., Janesville, Wis.

Axle Lights (Electric)

See Car Lighting Appartus

355— *Axle Straighteners

ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

356— Axles (Automobile)

See also Axles, Carriage & Wagon; also Wheels & Axles, Ball & Roller Bearings

Adams Truck Foundry & Machine Co. (For Pleasure Cars Only), Findlay, Ohio
Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
American Ball Bearing Co., Lake av, N W, Cleveland, O.
American Die & Tool Co. (Rear), Reading, Pa. *See adv index at end of book*
Billings & Spencer Co., Hartford, Conn.
Cleveland Axle Mfg. Co., Canton, O.
Columbia Axle Co., 826 E 72d, Cleveland, O.
Covert Motor Vehicle Co., Lockport, N. Y.
Detroit Axle Co., 231 16th, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Empire Axle Co. (For Motor Trucks), Dunkirk, N. Y.
Gemco Mfg. Co., 742 S Pierce, Milwaukee, Wis.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Hess Spring & Axle Co. (Front & Rear), 124 W 66th, Carthage, Cincinnati, O.
Higgins Spring & Axle Co., Racine, Wis.
Hussey Drop Forge & Mfg. Co., Cleveland, O.
Jacobson Machine Mfg. Co., Warren, Pa.
Liggett Spring & Axle Co., Monongahela, Pa.
Mechanics Machine Co. (Front & Rear), Rockford, Ill.
Mott Wheel Works, Jackson, Mich.
National Tube Co. ("SHELBY" Seamless Steel Tubing), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
Ohio Forge Co. (Rough Only), Cleveland, O. *See adv index at end of book*
Park Drop Forge Co. (Vanadium & Other Steel), 760 E 79th, Cleveland, O.

Parry Mfg. Co., Indianapolis, Ind.
Richards Albert J., 632 W Jefferson, Louisville, Ky.
Russell Motor Axle Co., North Detroit, Mich.
Salisbury Wheel & Mfg. Co. (Wheels & Axles), Jamestown, N. Y.
Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
Timken Roller Bearing Co. (Roller Bearing, Auto & Truck), Canton, O.
Union Drop Forge Co., 358 W Grand, Chicago, Ill.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Western Drop Forge Co., P. O. Box 386, Marion, Ind.
See adv index at end of book
Western Tool & Forge Co. (Forged), Brackenridge, Pa.
Weston-Mott Co., Flint, Mich.
Wyman-Gordon Co. (Front & Rear for Pleasure & Commercial), Worcester, Mass.

Axles (Ball or Roller Bearing)

See Wheels & Axles, Ball or Roller Bearing

357—Axles (Car & Locomotive)

See also Axles, Mine Car; also Axles, Street Car

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
American Car & Foundry Co. (Car, Locomotive & Mine Car), Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co. (Car Only), Cleveland, O. *See adv index at end of book*
Baltimore Car-Wheel Co. (Car Only), Fulton Station, Baltimore, Md.
Bass Foundry & Machine Co. (Iron & Steel Car, Driving, etc), Fort Wayne, Ind.
Bethlehem Steel Co. (Nickel Steel, Car, Locomotive, etc), South Bethlehem, Pa.
Boston Forge Co. (Tender, Truck & Driving), E. Boston, Mass.
Bradley Osgood Car Co., Worcester, Mass.
Cambria Steel Co. (Also Mine Car Axles, all of Forged Open-Hearth Steel), Widener bldg, Phila., Pa.
Carbon Steel Co. (Nickel Steel Car, Locomotive, etc), ft. 32d, Pittsburgh, Pa.
Carnegie Steel Co. (Car, Locomotive, etc), Carnegie bldg., Pittsburgh, Pa.
Empire Axle Co. (Rear Worm Drive for Motor Trucks), Dunkirk, N. Y.
Gould Coupler Co. (Car & Locomotive), 30 E 42nd, New York
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Johnson J. R. & Co., Richmond, Va.
Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.
Keystone Axle Works, 33d & A-V R R, Pittsburgh, Pa.
Liggett Spring & Axle Co., Monongahela, Pa.
Midvale Steel Co. (Nickel Steel, Locomotive, Tender, Truck & Car), Nicetown, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pittsburgh Crucible Steel Co. (Steel), Midland, Pa.
Pittsburgh Forge & Iron Co. (Locomotive, Car, etc), 1003 Penna av, Pittsburgh, Pa.
Pollak Steel Co (Car, Locomotive & Driving), Cincinnati, O.
Pressed Steel Car Co. (Electric & Steam Railway Car, Industrial & Mine), 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works (Car), Knoxville, Tenn.
Sizer Forge Co. (Locomotive, Car, etc), 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.
Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.
Union Iron Works (Car), Hoboken, N. J.
Willard Sons & Bell Co., 3044 98th, Chicago, Ill.

358—Axles (Carriage & Wagon)

See also Axles, Automobile
American Axle Works, 12th & Montgomery av, Phila., Pa.

American Tubular Axle Co. (Tubular Steel Wagon Axle Only), Toledo, O.
Ansted Spring & Axle Co., Connersville, Ind.
Bailey S. R. & Co. (For Own Use), Amesbury, Mass.
Chicago Screw Co. (Ball Bearing), 13 N Jefferson, Chicago, Ill.
Cleveland Axle Mfg. Co. (Wagon), Canton, Ohio
Concord Axle Co. (& Wagon, also Brown's Roller Bearing Axles), Penacook, N. H.
Drummond Mfg. Co., Louisville, Ky.
ELECTRIC WHEEL CO. (Wagon Axles Only), Station D, Quincy, Ill.
See adv index at end of book
Gardner E. J. Axle & Machine Co., Carlisle, Pa.
Hay, Houston Axle Co., Coshocton, O.
Hess Spring & Axle Co., 124 W 66th, Carthage, Cincinnati, O.
Higgins Spring & Axle Co., Racine, Wis.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Keagy & Lear Machine Co., Coshocton, O.
Keystone Axle Works, 33d & A V R R, Pittsburgh, Pa.
Liggett Spring & Axle Co., Monongahela, Pa.
Meeker Mfg. Co. (Ball Bearing), Dayton, Ohio
Mott Wheel Works, Jackson, Mich.
National Tubular Axle Co., Emigsville, Pa.
St. Louis Axle Co., La Salle W of Jefferson, St. Louis, Mo.
St. Louis Mall Casting Co. (Mall Iron), 7701 N Conduit av, St. Louis, Mo.
Sheldon Axle & Spring Co. ("Anchor," "Dragon," "Empire," "Ton-Don," Ball Bearing), Wilkes-Barre, Pa.
Spears Axle Co., 27th & Main, Wheeling, Va.
Tinken Roller Bearing Co. (Roller Bearing Buggy), Canton, O.
Union Drop Forge Co., 358 W Grand, Chicago, Ill.
Wood, Smith & Co., Chicago Heights, Ill.
Wurster F. W. & Co., 375 Kent av, Brooklyn, N. Y.

359—Axles (Children's Carriage)

Wagner E. R. Mfg. Co., North Milwaukee, Wis.

360— Axles (Mine Car)

See also Axles, Car & Locomotive; also Wheels, Mine Car
Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
Alloy Steel Forging Co., Carnegie, Pa.
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Driggs-Seabury Ordnance Co., Sharon, Pa.
Gustafson Mfg. Co., Chattanooga, Tenn.
Irwin Foundry & Mine Car Co., Irwin, Pa.
Pennsylvania Casting & Machine Co. (& Mine Locomotive), 501 Preble, Pittsburgh, Pa.
Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
United Iron Works Co., Springfield, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.
Watt Mining Car Wheel Co., Barnesville, Ohio
Western Steel Car & Foundry Co., 37 W. Van Buren, Chicago, Ill.
Wilkes-Barre Iron Mfg. Co., Wilkes-Barre, Pa.

Axles (Roller Bearing)

See Wheels & Axles, Ball or Roller Bearing

361— *Axles (Steel Truck)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*

362— Axles (Street Car)

See also Wheels, Street Car; also Trucks, Car, Steam & Electric
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.

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Bradley Osgood Car Co., Worcester, Mass.
Brill J. G. Co., 62nd & Woodland av, Philadelphia, Pa.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carbon Steel Co., ft of 32nd, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Eccles & Smith Co., 71 1st, San Francisco, Cal.
Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
McGuire-Cummings Mfg. Co. (Special Muck Bar Iron & Steel Locomotive Axles), Harris Trust & Savings bldg, Chicago, Ill.
Pittsburgh Forge & Iron Co. (Hammered), 1003 Penn av, Pittsburgh, Pa.
St. Louis Car Co., 8000 N Broadway, St. Louis, Mo.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Standard Forgings Co., Railway Exchange bldg, Chicago, Ill.
Standard Steel Works Co., Morris bldg, Phila., Pa.
Taylor Electric Truck Co., Troy, N. Y.
Union Drawn Steel Co., Beaver Falls, Pa.

363—Axles (Vanadium Steel)

American Vanadium Co., Vanadium bldg, Pittsburgh, Pa.

364—Axles & Shafts (Hollow)

American Tubular Axle Co. (Carriage & Wagon, etc), Toledo, O.
Bethlehem Steel Co., South Bethlehem, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.

365—Azotene

White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.
Wuichet Fertilizer Co., Dayton, O.

366—Babbitt Metal

See also Bearings of Various Kinds

ALABAMA.

BIRMINGHAM—Ajax Metal Co. (of the South)

CALIFORNIA.

SAN FRANCISCO—Atlas Brass Works, 431 Folsom
Finn Jno. Metal Works, 384 2d
Garratt W. T. & Co., 299 Fremont
Great Western Smelting & Refining Co., 75 Folsom
Pacific Metal Works, 153 1st
Selby Smelting & Lead Co., 201 1st

COLORADO.

DENVER—Bogue-Wensley Lead Co.
Slack-Horner Brass Mfg. Co.
TRINIDAD—Trinidad Foundry & Machine Works

CONNECTICUT.

BRIDGEPORT — Bridgeport Deoxidized Bronze & Metal Co.
Jacob Bros.
Sanford David C. Co.
HARTFORD—Blake Edwin J.
NEW HAVEN—Graham Jas. & Co.
UNITED SMELTING & ALUMINUM CORP. ("U. S. A."), 187 Commerce
See adv index at end of book

ILLINOIS.

AURORA—Aurora Metal Co. (Brand "R. R.")

CHICAGO—Besley Chas. H. & Co. ("Helmet"), 120 North Clinton. Works: Beloit, Wis.

Birkenstein S. & Sons, 377 W Ontario
Blatchford E. W. Co., 230 N Clinton
Carpenter Geo. B. & Co., 440 Wells
Channon H. Co. ("Onoko"), 150 N Market

Chicago Bearing Metal Co. ("Premium"), 2220 W 43d

Chicago Journal Bearing Co., 519 W Vanburen

Eagle Picker Lead Co. (The), ("Ewlco"), 208 S La Salle

Great Western Smelting & Refining Co., 4100 Wallace

Illinois Smelting & Refining Co., 410 N Peoria

Kramer H. & Co. (In Pig), 730 S Canal

MERCHANT & EVANS CO. (of Philadelphia, Pa.), 347 Sheldon

See adv index at end of book

Monarch Metal Co., 119 S Lincoln

Paragon Metal Co., 3050 S Ashland av

Raymond Lead Co. (Aluminum Copper, etc), 735 S Washtenaw av

Ryerson Jos. T. & Son ("Glyco," Bearing Metal & Skeleton Bearing Construction), 2558 W 16th

Staplin & Smith (High Speed Copper & Aluminum Nickel), 359 W Austin

West Side Metal Refining Co., 1447 S Sangamon

INDIANA.

EAST CHICAGO—U. S. Reduction Co. ("Advance")

INDIANAPOLIS—Zenite Metal Co.

MISHAWAKA—Dodge Sales & Engineering Co.

KANSAS.

KANSAS CITY—Badger Gas & Gasoline Engine Co.

KENTUCKY.

LOUISVILLE—Belknap Hdw. & Mfg. Co.

LOUISIANA.

NEW ORLEANS—New Orleans Roofing & Metal Co., Cortez & Orleans

MARYLAND.

BALTIMORE—Farrell Edward P., 1414 Philpot

Schultz A. G. & Co. ("Eureka"), 114 E Lombard

Maryland Brass & Metal Works), Guilford & Federal

Merchant & Evans Co. (of Phila., Pa.), 232 St. Paul

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MASSACHUSETTS.

BOSTON—Blaney Cyril C., 16 Kingston
Chadwick-Boston Lead Co., 162 Congress

Eastern Metal & Refining Co., 121 Beverly

Herrick Co., 49 Broad

Richards & Co., ("Richards"), 192 Beverly

Star Refining Co., 116 W First

FITCHBURG—Hardy William A. & Sons Co. ("S. S." Metal), 113 Water

Welch E. J. & Co.

LAWRENCE—Gallison F. L.

WALTHAM—Waltham Foundry Co.

MICHIGAN.

DETROIT—Bostwick Jas. M. C., 372 Abbott

Jacobson I. M. & Sons Co. ("Motex"), 70 Catherine

Magnus Co.

MICHIGAN SMELTING & REFINING CO.

(Tungsten Copoloy Bearing Metal), 1695 Jos. Campau

Mogul Metal Co. ("Mogul"), 161 Larned W.

Muzzy-Lyon Co., Ltd., 161 Larned av

Wing J. T. & Co., 19 Woodward av

GRAND RAPIDS—Hayden J. M. Co. ("Globe")

KALAMAZOO—New Era Mfg. Co. ("New Era" White Bronze)

LAURIUM—Lake Superior Brass Foundry Co. ("C. & H.")

MINNESOTA.

DULUTH—Duluth Brass Works Co. (Round & Hexagon Stick Brass & Specialty)

ST. PAUL—Northwestern Shot & Lead Works, 90 Fairfield av W

MISSOURI.

KANSAS CITY—**MERCHANT & EVANS CO.** (of Phila., Pa.), 2008 Baltimore av

See adv index at end of book

Rogers Metal Works, 2123 Jefferson

ST. LOUIS—Eureka Brass Co., 601 Red Bud av

Gilbert A. & Sons Brass Foundry Co. ("C" Nickel, "I" Anti-Friction), 4019 Forest Park blk

Hiertz Theo. Metal Co. ("Nonpariel"), Alaska & Tesson

Hoyt Metal Co., Boatmen's Bank bldg

More-Jones Brass & Metal Co. ("Hoo-Hoo," "Universal," "Motor," "Crescent," "Rex," "Regent"), Broadway & Dock

Rumsey L. M. Mfg. Co., 810 N 2d

Zelnicker Walter A. Supply Co., 325 Locust

NEW JERSEY.

BELLEVILLE—Eastwood Wire Mfg. Co. ("Perfection")

GLEN RIDGE—Benson H. K. & F. S. ("B. & M.")

HARRISON—Allan A. & Son ("Allan" Red Anti-Friction Metal), 6th & Bergen

HOBOKEN—Lehman Bros.

JERSEY CITY—Brady Brass Co. ("Cyp-rus"), 170 14th

Williams E. A. & Son, 109 Plymouth

RIVERSIDE—Riverside Metal Co.

NEW YORK.

BUFFALO—**LUMEN BEARING CO.**, 200 Lathrop

See adv index at end of book

Runskool Metal Co., 1095 Niagara

LOCKPORT—Electric Smelting & Aluminum Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Fidelity Metal Co., 192 Diamond

Henning V. & Sons, 330 Belmont av

Kahn Bros. ("Reliable"), 785 Humboldt

Syracuse Smelting Works ("Stanley Process" & "Syracuse Brand"), 837 Manhattan av

Boroughs of Manhattan and Bronx.

NEW YORK—Bronze Metal Co., 30 Church
Columbia Smelting & Refining Works,
366 West
Eagle Smelting & Refining Works, 232
Broadway
Fahrig Metal Co. ("Fahrig" Anti-
Friction), 34 Commerce
Lissberger, B. & Co., 233 Broadway
London & Sack, 259 Front
Lubricating Metal Co. ("Noheet"), 2
Rector

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Lowest frictional coefficient;
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NEW YORK CHICAGO MONTREAL

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MERCHANT & EVANS CO. (of Phila.,
Pa.), 242 Water*See adv index at end of book*Nassau Smelting & Refining Works
("Edison" & "Monarch"), 603 W
29thNational Lead Co. ("Dutch Boy Phoe-
nix"), 111 B'wayPost E. L. & Co. ("Post's Zero," Mo-
tor Metal), 50 CliffRock Products Equipment Corp.
("Big Skin Brand"), 42 Church*See adv index at end of book*

United Lead Co., 111 B'way

Union Smelting & Refining Co., 14th
& Av DWildes' Thomas Son ("Excelsior" &
"Semper Idem," "Anti-Fric-
tion"), 14 Dover**Borough of Queens.**LONG ISLAND CITY—Leddell Metals Co.
("Bee"), 281 Borden avLissberger Marks & Son ("Semper
Idem," "Bestmetal," "Everlast-
ing," Improved Anti-Friction,
"Competitor," "Star"), 281 Bor-
den av

(End of New York City)

ROCHESTER—Atkinson Co. ("Plata,"
"Superior," "Genuine," "Stand-
ard" & "Gas Engine")

Coates, Bennett & Reidenbach

Rochester Lead Works

Wray Henry & Son

SYRACUSE—Empire Metal Co.

OHIO.CINCINNATI—American Smelting & Re-
fining Co.Cincinnati Metal Refining Co., 1314
DaytonEdna Brass Mfg. Co. ("Porteous,"
Grafite), 525 Reading rd.National Lead Co. (of New York), 659
Freeman av

Wolf Metal Co., 1803 John

CLEVELAND—Cleveland Alloys Co.
("Prize Ribbon," "Golden Grain,"
"Sham-Rock," "Velvet," "Nug-
get," "Lucky Strike"), Elm &
SuperiorNational Copper Refining Co., Brad-
ley rdNational Lead Co., 637 Champlain av,
N WCOLUMBUS—Ohio Metal Co. ("Betar-
best"), 1137 N 4thDAYTON—Buckeye Iron & Brass Works
(High Grade)TOLEDO—Bunting Brass & Bronze Co.
(Anti-Friction Bearing), 738
Spencer*See adv index at end of book***OREGON.**

PORTLAND—Pacific Metal Works

PENNSYLVANIA.

CHESTER—Crown Smelting Co.

CONNELLSVILLE—Riverside Metal Re-
fining Co. (Bessemer, "U. S.
Standard").

ERIE—Erie White Metal Co.

NEW CASTLE—Douds Frank C. & Co.
(Mica)

NORTH EAST—Eureka Co. ("Eureka")

PHILADELPHIA—Ajax Metal Co. ("Ajax
Mitifine," "Ajax Tinite," "Ajax
Copper Hardened," "Ajax Gen-
uine," "Ajax Armature," "Ajax
Bull," "Ajax Plumbite"), 46 Rich-
mond

Bond Chas. Co., 520 Arch

Cramp Wm. & Sons Ship & Engine
Bldg. Co., Beach & BallDelaware Metal Refinery, Washington
& 18thGoldstein's L. Sons, Allegheny blk,
Richmond

Hagstoz T. B. & Son, 709 Sansom

Lewis John T. & Bros. Co., La-
fayette bldgLukens Thos. F. Metal Co. ("Lukens,"
"Viking," "Queen Bee"), 238 N
4thMcHatton Foundry Co., 1500 Wash-
ington av**MERCHANT & EVANS CO.** ("Uni-
versal," "Iridium" Silver Gen-
uine), 2035 Washington av*See adv index at end of book*North American Smelting Co. ("Vul-
can"), 9th & ThompsonPenn Smelting & Refining Works, 906
Filbert

Reeves Paul S. & Co., 1415 Catherine

Rosenthal's Joseph Sons, 190 W Berks

U. S. Smelting Works, 1615 Spring
Garden

Woodfall Bros., 1105 Fairmont av

PITTSBURGH—Cadman A. W. Mfg. Co.
("Acorn" Aluminum), 2816 Small-
man

Colonial Supply Co., 414 1st av

DAMASCUS BRONZE CO. ("Damas-
cus," "Globe," "Larsons")*See adv index at end of book***BABBITT METALS**

Careful study of these alloys has en-
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Commonwealth bldgPenna Smelting Co., Benedum Trees
bldgPittsburgh Brass Mfg. Co. ("Mans-
field")Pittsburgh Gage & Supply Co. ("Para-
mount," "Copper Alloy"), 30th
& Liberty avPittsburgh Smelting & Refining Co.,
Elizabeth & B. & O. R. R.Pittsburgh White Metal Co., 3116
Penn av

Vanadium Metals Co., Vanadium bldg

POTTSTOWN—Light Mfg. & F'dry Co.
("Automobile Brand")READING—Excelsior Brass Works
SCRANTON—Everhart Brass Works**SOUTH CAROLINA.**CHARLESTON—Bailey-Lebby Co. (Spe-
cial Anti-Friction)**TENNESSEE.**

CHATTANOOGA—Frictionless Metal Co.

VIRGINIA.RICHMOND—Glacier Metal Co., Hull &
22dSmith-Courtney Co. ("Dixie Anti-
friction")**WASHINGTON.**SEATTLE—Finn Jno. Metal Works
TACOMA—Puget Sound Metal Works**WEST VIRGINIA.**WHEELING—Wheeling Metal & Mfg. Co.
Whitaker-Glessner Co. (Wheeling
Corrugating Dept.)**WISCONSIN.**APPLETON—Carson-Rowell & Co. (Cruci-
ble Copper Carbon Metals)MILWAUKEE—Milwaukee Tack Co.
("Misco"), 27th & Wahl avProgressive Metal & Refining Co., 432
Barclay

NEENAH—Neenah Brass Works

Babbitt Metal Melters

See Furnaces, Babbitt Melting

367— Back Bands (Horse)COUCH BROS. MFG. CO. ("Boss," "A.
G.," "Number Ten," "Champion,"
"H. & A.," "Pigtail," "Perfect,"
"Gurely"), Atlanta, Ga.**368— *Backs (Brush)**Estes E. B. & Sons, 358 5th av, New York
*See adv index at end of book***368a— Backs (Calendar)**General Advertising Co. (Metal), Read-
ing, Pa.**369-70—*Backs (Hand Mirror)**Estes E. B. & Sons (Wood), 358 5th av,
New York *See adv index at end of book***371—Backs (Steel, for Brake
Beams)**

Davis Brake Beam Co., Johnstown, Pa.

372—*Backs (Thermometer)Estes E. B. & Sons (Wood), 358 5th av,
New York *See adv index at end of book***373—Bacteriological Apparatus**Bausch & Lomb Optical Co., Rochester,
N. Y.

Castle Wilmot Co., Rochester, N. Y.

Scientific Materials Co., 717 Forbes, Pitts-
burgh, Pa.**374— Badges & Emblems**American Railway Supply Co., 134 Charles,
New York

Bainbridge Chas. J., Syracuse, N. Y.

Blackinton V. H. & Co., Attleboro Falls,
Mass.Braxmar C. G. Co., 10 Maiden la, New
York

Brophy Chas. A., Aurora, Ill.

Childs S. D. & Co., 136 S Clark, Chicago,
Ill.du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 Broadway,
New York

Evans & Convery, 24 N 6th, Phila., Pa.

Gibson A. C. Co., Buffalo, N. Y.

Grammes L. F. & Sons, Allentown, Pa.

Hanson C. H. Co., 178 N Clark, Chicago,
Ill.International Register Co. ("Heeren"), 15
Throop, Chicago, Ill.

Irvine & Jackens, 1027 Market, San Francisco, Cal.
 Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
 Koch Gustav & Co, 71 W Rand, Chicago, Ill.
 Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.
 Mayer Geo. J. & Co., 36 S Meridian, Indianapolis, Ind.
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.
 Mulhaupt F. Joseph, Lafayette, Ind.
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 Pasquale B. & Co., Inc., 115 Post, San Francisco, Cal.
 Reading Ribbon Badge Co. (Celluloid & Ribbon), Reading, Pa.
 Riley-Klotz Mfg. Co. (Badges & Mountings), 17 Mulberry, Newark, N. J.
 Robbins Jno. Mfg. Co., 53 Kneeland, Boston, Mass.
 Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
 Steiner Engraving & Badge Co., 804 Pine, St. Louis, Mo.
 Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.
 Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
 Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

374a—*Bag, Trunk & Suitcase Material

DU PONT FABRIKOID CO. (Leather Type), Wilmington, Del.
For branch offices see adv index at end of book

375— Bags (Air Tube)

Empire Tire & Rubber Corp., East Trenton, N. J.
See adv index at end of book

376— Bags (Bat & Uniform)

Spalding A. G. & Bros., 126 Nassau, New York
 Stall & Dean Mfg. Co., Brockton, Mass.

377— Bags (Bill Posters')

Excelsior Bag & Mfg. Co., Troy, N. Y.

377a— *Bags (Bowling Ball)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

378— Bags (Canvas)

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.
STANLEY, WM. W. (Waterproof, also in heavy canvas for shipping & samples, also specialties made to order), 50 Church, New York

379— Bags (Carryall)

Draper Maynard Co., Plymouth, N. H.

380—Bags (Cement, Plaster, Etc.)

ADAMS BAG CO. (Paper), 1900 Euclid av, Cleveland, & Chagrin Falls, O.
 Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
 Chatfield & Woods Co. (Paper), 3d & Plum, Cincinnati, O.
 Cleveland-Akron Bag Co. ("Saxolin" Paper), Cleveland, O.
 Continental Paper Bag Co. (Paper), 17 Battery pl, New York
 Fulton Bag & Cotton Mills, Atlanta, Ga.
 George & Sherrard Paper Co. (Paper), Wellsburg, W. Va.
 Jaite Company (Paper), Boston, O.
 Milwaukee Bag Co. (Paper), 206 S Water, Milwaukee, Wis.
 Phillips Thos. Co. (Paper), Akron, O.
 Royal Mills (Cloth, Cement), Charleston, S. C.
 Taggart Bros. Co., Watertown, N. Y.
 Tarentum Paper Mills (Paper), 2d Natl. Bk. bldg, Pittsburgh, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

URSCHER-BATES VALVE BAG CO. (Paper), 3431 Summit av, Toledo, O.
See adv index at end of book
 West Jersey Paper Mfg. Co. ("Wethr-prufe" Paper), Camden, N. J.

381— Bags (Clothes Pin)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
 Bridgeport Wire Goods Co., East Port Chester, Conn.
 Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.
 Cleveland-Akron Bag Co., Cleveland, O.
 Excelsior Bag & Mfg. Co. ("Excelsior," "Handy"), Troy, N. Y.

382— Bags (Coal & Coke)

Adams Bag Co., 1900 Euclid av, Cleveland, O.
 American Commercial Corp. (Canvas), 120 Broadway, New York
 Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.
ATLANTA TENT & AWNING CO., Atlanta, Ga.
 Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.
 Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.
 Cleveland-Akron Bag Co., Cleveland, O.
 Continental Paper Bag Co. (Paper), 17 Battery pl, New York
 Coye Charles A. (Canvas), Grand Rapids, Mich.
 Excelsior Bag & Mfg. Co. ("Excelsior" Canvas), Troy, N. Y.
 Hettrick Mfg. Co., Toledo, O.
 Lane W. T. & Bro. (Canvas), Poughkeepsie, N. Y.
 Meyer L. M. & Co., Springfield, Mass.
 Mills Andrew & Sons, 53 South, New York
 Morris & Co. (Cotton Duck), Groveville, N. J.
 Phillips Thos. Co., Akron, O.
 Sackett H. B. Screen & Chute Co. (Canvas, etc), 1691 Elston av, Chicago, Ill.
 Taggart Bros. Co., Watertown, N. Y.
 Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

383— Bags (Coffee)

Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.
 Chase H. & L. Bag Co., 8 N. Main, St. Louis, Mo.
 Continental Paper Bag Co. (Paper), 17 Battery pl, New York
 Halsted E. S. & Co. (Burlap), 64 Pearl, New York
 Lawson Jacob Bag Co. (Burlap), 264 Water, New York
 Logie James & Co. (Imp Burlap), 42 B'way, New York
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

384— Bags (Coin & Bond)

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.
 Excelsior Bag & Mfg. Co., Troy, N. Y.
 Milwaukee Bag Co. (Coin), 206 S Water, Milwaukee, Wis.
 Warren Leather Goods Co., Worcester, Mass.

385— *Bags (Coke, Paper)

UNION PAPER AND TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

386— Bags (Cotton)

See Bags and Bagging

386a— Bags (Cotton Pick)

ATLANTA TENT & AWNING CO. (Cotton), Atlanta, Ga.

387— Bags (Feed)

Bemis Bro. Bag Co. (Cotton & Jute), 601 S 4th, St. Louis, Mo.
 Cleveland-Akron Bag Co., Cleveland, O.
 Continental Paper Bag Co. (Paper), 17 Battery pl, New York
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

388— Bags (Filter)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

Bibb Manufacturing Co. (For Sugar Refiners), Macon, Ga.
 Brooklyn Filter Bag Co., 643 Kent av, Brooklyn, N. Y.
 Cleveland-Akron Bag Co., Cleveland, O.
 Lane J. H. & Co., 334 4th av, New York
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
 National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
 Stanley Wm. W. (All Varieties), 50 Church, New York

389— *Bags (Flour)

ADAMS BAG CO. (Paper only), 1900 Euclid av, Cleveland, & Chagrin Falls, O.

390— Bags (Gas Engine)

Behringer Edw. A. Inc., 88 W. B'way, New York
 Davol Rubber Co., 69 Point, Providence, R. I.
 Hodgman Rubber Co., 8 W 40th, New York
 Mulconroy Co., 54th & Jefferson, Phila., Pa.
 Peerless Rubber Mfg. Co., 31 Warren, New York

391— Bags (Gas Main)

Behringer Edw. A. Inc. ("Endurance"), 88 W B'way, New York
 Peerless Rubber Mfg. Co. ("Peerless" Rubber), 31 Warren, New York

392— Bags (Golf)

Boyle John & Co., 112 Duane, New York
 Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
 Crawford, McGregor & Canby Co., Dayton, O.
 Hill Richard F. Mfg. Co., 219 High, Newark, N. J.
 Spalding A. G. & Bros., 128 Nassau, N. Y.
 Victor Sporting Goods Co., Springfield, Mass.
 Warren Leather Goods Co., Worcester, Mass.

392a— *Bags (Grain)

ATLANTA TENT & AWNING CO., Atlanta, Ga.

393— Bags (Grease)

Allen Auto Specialty Co., 16 W. 61st, New York
 Continental Paper Bag Co., 17 Battery pl, New York
 Detroit Leather Works, 141 Champlain, Detroit, Mich.
 Economy Stay Co. (Leather), Jefferson City, Mo.
 Gilbert Mfg. Co., New Haven, Conn.
 Hager Chas. & Son, 1876 Broadway, New York
 Perkins-Campbell Co., 622 Broadway, Cincinnati, O.
 Smith James & Son, 40 Franklin av, Brooklyn, N. Y.
 Sutherland F. L. Co., Detroit, Mich.

394— Bags (Hardware)

Continental Paper Bag Co., 17 Battery pl, New York
 Lawson Jacob Bag Co., 264 Water, New York

395— Bags (Hat)

Continental Paper Bag Co., 17 Battery pl, New York
 Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
See adv index at end of book
 Home Rubber Co., Trenton, N. J.
 New York Belting & Packing Co., 91 Chambers, New York
 Peerless Rubber Mfg. Co., 31 Warren, New York
UNION PAPER AND TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

396— Bags (Horse Feed)

Cleveland-Akron Bag Co., Cleveland, O.
 Excelsior Bag & Mfg. Co., Troy, N. Y.
 N. Y.
 Langstroth T. W., 77 Warren, New York

397— Bags (Laundry)

A. & E. Leather Goods Co., 42 E 20th, New York
 Boyle John & Co., 112 Duane, New York
 Continental Paper Bag Co., 17 Battery pl, New York
 Excelsior Bag & Mfg. Co., Troy, N. Y.
 Galewski A. & Son, 453 Broome, New York
 Headley & Farmer Co., Newark, N. J.
 Lanz, Owen & Co., 392 Florida, Milwaukee, Wis.
 Stanley Wm. W. (Canvas), 50 Church, New York
 Warren Leather Goods Co., Worcester, Mass.

398— Bags (Leather)

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.
 Boyle Jno. & Co. (For Railroad Service, etc), 112 Duane, New York

399— Bags (Mail)

American Commercial Corp. (Government Standard Office, etc), 120 Broadway, New York
 Aronoff Joseph J. (Office & Letter Carrier), 120 Hamilton av, Trenton, N. J.
 Boyle Jno. & Co., 112 Duane, New York
 Excelsior Bag & Mfg. Co., Troy, N. Y.
 Hooper Wm. E. & Sons Co. (Government Standard), Maryland Life bldg, Baltimore, Md.
 Humphry's R. A. Sons (Also Money), 1021 Callowhill, Phila., Pa.
 Union Bag & Paper Corp., Woolworth bldg, New York
 Warren Leather Goods Co., Worcester, Mass.

400— Bags (Mailing)

Bemis Bro. Bag Co. ("Economy"), 601 S 4th, St. Louis, Mo.
 Cleveland-Akron Bag Co., Cleveland, O.
 Colonial Office Appliance Co., 98 Park pl, New York
 Columbus Mailing Bag Co. ("Superior"), 2782 N High, Columbus, O.
 Fulton Bag & Cotton Mills, Atlanta, Ga.
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

400a—*Bags (Messenger & Delivery)

COUCH BROS. MFG. CO., Atlanta, Ga.

401— Bags (Moth Proof)

Manahan Moth Paper Co. ("Manahan's" Satchel Formed), 370 Pearl, New York
 Seinsheimer Paper Co. (Containers), York & McLean, Cincinnati, O.
 White Tar Co., Cliff, New York

402— Bags (Nail)

Continental Paper Bag Co., 17 Battery pl, New York
 Fulton Bag Co. (Paper, for the Hardware Trade, etc), Fulton, N. Y.

402a—*Bags (Newspaper Carrier)

COUCH BROS. MFG. CO., Atlanta, Ga.

403—Bags or Covers (Tennis Racquet)

B. E. Mfg. Co. ("Bemco"), 444 Broadway, New York
 Spalding A. G. & Bros., 126 Nassau, New York

404— Bags (Ore)

Ames Harris Neville Co., San Francisco, Cal.
 Mellus Bros. & Co., Los Angeles, Cal.

405— Bags (Paper)

Adams Bag Co., 1900 Euclid av, Cleveland, Ohio
 Advance Bag Co., Middletown, O.
 American Paper Goods Co., Kensington, Conn.
 Arkell Safety Bag Co., 120 B'way, N. Y.
 Arkell & Smiths, Canajoharie, N. Y.
 Atlanta Paper Co., Atlanta, Ga.
 Badger Bag & Paper Co., Wausau, Wis.
 Bemis Bro. Bag Co. (Flour, Meal & Cements), 601 S 4th, St. Louis, Mo.
 Brown Bag Filling Machine Co. (Flat), Fitchburg, Mass.
 Chatfield & Woods Co. (Sacks), 3rd & Plum, Cincinnati, O.
 Chicago-Detroit Bag Co., Marquette bldg, Chicago, Ill.
 Cleveland-Akron Bag Co., Cleveland, O.
 Clochessy John, 84 Thomas, New York
 Columbia Paper Bag Co., 921 E Fort av, Baltimore, Md.
 Columbia Paper Bag Co., 199 3d, Long Island City, N. Y.
 Continental Paper Bag Co. ((All Kinds), 17 Battery pl, New York
 Cramer-Force Co., Rochester, N. Y.
 Crown Williamette Paper Co., San Francisco, Calif.
 Crunden-Martin Mfg. Co. (Grocery, Sugar, Candy, Shot, Nail & Flour), 2d & Gratiot, St. Louis, Mo.
 Cupples Saml. Woodenware Co., 7th & Spruce, St. Louis, Mo.
 Diem & Wing Paper Co. (Flour Bags, Sacks, etc), Gilber av, Cincinnati, O.
 Eagle Paper Co. (Box Bottom Self-Opening), Richmond, Va.
 E-Z Opener Bag Co., Decatur, Ill.
 E-Z Opener Bag Co., Fulton, N. Y.
 Fulton Bag Co. (Mail, etc), Fulton, N. Y.
 Fulton Bag & Cotton Mills, Atlanta, Ga.
 George S. Co., Wellsburg, W. Va.
 Grand Lake Co., 30 Broad, New York
 Harris Bag Co., Caxton bldg, Cleveland, O.
 Haverstick Albert & Son, 11 S. Lititia, Philadelphia, Pa.
 Hercules Paper Bag Co. (Grocers), Reading, Pa.
 Herrlinger & Co., (Buggy Shipping), 206 Walnut, Cincinnati, O.
 Hollis & Duncan, 732 W Lake, Chicago, Ill.
 Howland Bag & Paper Co., Dexter, N. Y.
 Jaite Co., Boston, O.
 Kennedy Car Line & Bag Co. (Packing), Shelbyville, Ind.
 Kirchheimer Bros. Co., 433 W Ohio, Chicago, Ill.

Louisiana Paper Co. (Ltd.), Shreveport, La.
 Memphis Bag Co., Memphis, Tenn.
 Michigan Bag & Paper Co., Jackson, Mich.
 Miller Thompkins & Co., 485 Washington, New York
 Milwaukee Bag Co. (For Cement, Lime, etc), 206 S Water, Milwaukee, Wis.
 National Paper Co., Atlanta, Ga.
 Pacific Paper Co., Portland, Ore.
 Philadelphia Bag Co. (Flour & Meal), 84 Tasker, Phila., Pa.
 Phillips Thos. Co. (Heavy for Flour, Feed, Cement, Lime & Plaster), Akron, O.
 Port Huron Sulphite & Paper Co. (Manila), Port Huron, Mich.
 Rutherford Paper Co., Tarentum, Pa.
 Schorsch & Co., Brook av & 133d, New York
 Seinsheimer Paper Co., York & McLean, Cincinnati, O.
 Shuttleworth, Keiller & Co., 474 W B'way, New York
 Taggart Bros. Co. (Rope Paper for Cement, Flour, etc), Watertown, N. Y.
 Tarentum Paper Mills (For Cement, Lime, etc), 2d Natl Bk bldg, Pittsburgh, Pa.
 Taylor Paper Co., 310 Davis, San Francisco, Cal.
 Union Bag & Paper Corp. ("Union"), 1968 Woolworth bldg, New York
 Union Paper Mill Co. (All Rope Buckskin Cement), Monongahela, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
 U. S. Paper Goods Co. (Bat, Hat, Tobacco, etc), 1224 W 8th, Cincinnati, O.
 Universal Paper Bag Co., New Hope, Pa.
URSHEL-BATES VALVE BAG CO. (For Cement, Lime, etc) 3431 Summit av, Toledo, O.
See adv index at end of book
 West Jersey Paper Mfg. Co. (For Cement, Plaster, Lime, etc), Camden, N. J.
 Wortendyke Mfg. Co., Richmond, Va.

406— Bags (Parcels Post)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

407— Bags (Plaster)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

408— Bags (Potato)

Continental Paper Bag Co. (Paper), 17 Battery pl, New York
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

409— Bags (Rice)

Continental Paper Bag Co. (Paper), 17 Battery pl, New York
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

410— Bags (Rubber)

Tyer Rubber Co. (Ice, Acetylene Gas, Syringe, etc), Andover, Mass.
 Vant Woud Rubber Co. (Hot Water), 168 39th, Brooklyn, N. Y.

WRITE US FOR PRICES ON

PAPER BAGS

— FOR —

LIME, CEMENT, PLASTER, GROUND STONE, FERTILIZER, ETC.

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For Express and Parcel Post Shipments, Burlap in bale lots
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CENTRAL BAG MFG. CO.

3622-3630 IRON STREET

CHICAGO, ILLINOIS

411— Bags (Safety)

Arkell Safety Bag Co., 120 B'way, New York

412— Bags (Salt)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

413— Bags (Sand Levee)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

414— Bags (Sanitary)

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

415— Bags (School)

See also Traveling Bags

Katz Bros. Leather Goods Co., 135 W 20th, New York

Kennebunk Mfg. Co., Rochester, N. H.

Lanz, Owen & Co., Milwaukee, Wis.

Ryan-Cushing Co., 126 Summer, Boston, Mass.

Warren Leather Goods Co., Worcester, Mass.

416— Bags (Second Hand)

Able Bag & Burlap Co., 1412 Blue Island av, Chicago, Ill.

Acme Burlap Bag Co., 335 Cherry, N. Y.

Atlantic Bag Co. ("A. B. C."), 243 Water, New York

Bell Bag Co., 63 Front, New York

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

Brody S., South & Clinton, New York

Burnett Bag & Burlap Co., Howard & Ostend, Baltimore, Md.

Dorfman I. & Sons, 269 South, New York

Fulton Bag & Cotton Mills, Atlanta, Ga.

Hofeller Theo. & Co. (Burlap), 206 Scott, Buffalo, N. Y.

Hudson Bag Mfg. Co., Bayonne, N. J.

Iroquois Bag Co. (Bags & Burlap), Buffalo, N. Y.

Kent Percy Co., 33 Pearl, New York

Knickerbocker Bag Co., 7 Front, New York

Knott's David N. Sons (Cotton & Burlap), 104 Callowhill, Phila., Pa.

Lawson Jacob Bag Co., 264 Water, New York

Leonardis Peter & Sons, 57 River, Newark, N. J.

Lichtman S. & Son (Bags & Burlap), 21 Grey, Buffalo, N. Y.

Machover S., 239 Front, New York

Millard Geo. P. (Burlap), Clyde, N. Y.

Nanes Nathan, 414 B'way, New York

New York & Boston Bag Co., 56 Commercial Wharf, Boston, Mass.

Oppenheimer & Co., Buffalo, N. Y.

Weitzel M. B., Lititz, Pa.

Western Bag & Burlap Co., 2449 Wallace, Chicago, Ill.

Wisconsin Bag & Burlap Co., Neenah, Wis.

Young & Metzner, 355 Vernon av, Long Island City, N. Y.

Young & Metzner, 355 Vernon av, Long Island City, N. Y.

Young & Metzner, 355 Vernon av, Long Island City, N. Y.

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Young & Metzner, 355 Vernon av, Long Island City, N. Y.

Young & Metzner, 355 Vernon av, Long Island City, N. Y.

Faultless Rubber Co. (Rubber), Ashland, Ohio

Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.

Goodrich B. F. Co. (Rubber), Akron, O.

Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.

Mechanical Rubber Co. (Rubber), ft Lisbon rd S E, Cleveland, O.

Rawlings Mfg. Co., 701 N 23d, St. Louis, Mo.

Stall & Dean Mfg. Co., Brockton, Mass.

Tyer Rubber Co. (Rubber), Andover, Mass.

419— Bags (Sugar)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

Cleveland-Akron Bag Co., Cleveland, O.

Continental Paper Bag Co. (Paper), 17 Battery pl, New York

Milwaukee Bag Co., Milwaukee, Wis.

420— Bags (Tamping)

du PONT E. I., de NEMOURS & CO.

("Du Pont"), (See also Blasting Supplies), Wilmington, Del.

For branch offices see adv index at end of book

HERCULES POWDER CO., Wilmington, Del.

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Galeswki Adolph & Son, 453 Broome, New York

Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.

Klein Mathias & Sons, 562 W Vanburen, Chicago, Ill.

Meckel Fred L., 11 E 13th, Chicago, Ill.

Bags (Traveling)

See Traveling Bags & Suit Cases

425— Bags (Valve)

Adams Bag Co., 1900 Euclid av, Cleveland, Ohio

Cleveland-Akron Bag Co., Cleveland, O.

Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.

Phillips Thos. Co. (For Cement, Lime & Plaster, Merchandise, etc), Akron, O.

URSHEL-BATES VALVE BAG CO.,

("Twenty-first Century," Valve Bags

and Openmouth), 3431 Summit av,

Toledo, O. See adv index at end of book

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Chase H. & L. (Burlaps & Cotton), 267 Atlantic av, Boston, Mass.
 Chase H. & L. Bag Co. (Bags), 8 N Main, St. Louis, Mo.
 Chelsea Fibre Mills (Seamless Bags), 212 5th av, New York
 Cherokee Falls Mfg. Co. (Seamless Grain), Cherokee Falls, S. C.
 Chicago-Detroit Bag Co. (Jute, Cotton, etc), Marquette bldg, Chicago, Ill.
 Chicago Leather & Mercantile Co. (Burlap), 1848 W 14th, Chicago, Ill.
 Cincinnati Bag Co. (Cotton Seamless & Burlap for own use only), 601 E 5th, Cincinnati, O.
 Cleveland-Akron Bag Co., Cleveland, O.
 Collins-Plass-Thayer Co. (Jute & Cotton), 26 Beaver, New York
 †Columbia Cotton Mill Co. (Cotton Seamless Grain Bags), Columbia, Tenn.
 †Dana Warp Mills (Grain Bags), Westbrook, Me.
 du Pont E. I., de Nemours & Co. (By-Products Division), (Nitrate of Soda & Misc. Bags), Wilmington, Del.
 Eagle Cotton Mills Co. (Cotton), Madison, Ind.
 Empire State Bag Co. (Flax & Jute Bags & Bagging), 760 Wythe av, Brooklyn, N. Y.
 Emsley John W., Adams & Emerald, Phila., Pa.
 Franklinville Mfg. Co. (Seamless Bags), Franklinville, N. C.
 †Fulton Bag & Cotton Mills (Cotton), Atlanta, Ga.
 Gaylord Bros. (Cloth Coin), Syracuse, N. Y.
 Golden Belt Mfg. Co. (Tobacco Bags, etc), Durham, N. C.
 †Grimond J. & A. D., Ltd. (H. N. Gildea, Agt., Jute Burlap Bagging), 320 B'way, New York
 †Gulf Bag Co. (Burlap & Cotton), 330 Notre Dame, New Orleans, La.
 Halsted E. S. & Co., 64 Pearl, New York
 Hardwood Mfg. Co., 101 3rd av S, Minneapolis, Minn.
 †Harmony Mills (Grain & Bagging, etc), Cohoes, N. Y.
 Hettrick Mfg. Co. (Cotton), Toledo, O.
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
 Jackson Fibre Co. (Brown Cotton Bags), Bemis, Tenn.
 Kent Percy Co. (Cotton & Burlap Bags), 33 Pearl, New York
 King Mfg. Co. (Cotton, Burlap, etc.), Front & Main, Cincinnati, O.
 Kurtz Bag Co., 414 B'way, New York
 Lane J. H. & Co., 334 4th av, New York
 Lawson Jacob Bag Co. (Burlap), 264 Water, New York
 Leavenworth Bag Mfg. Co. (Burlap & Cotton), Leavenworth, Kans.
 Little Rock Tent & Awning Co. (Cotton Picking), Little Rock, Ark.
 Logie Alex & Co. (Imp), 2 Rector, New York
 Ludlow Mfg. Associates (Jute Bagging for Baling Cotton, 111 Devonshire, Boston, Mass.
 Machover S. (Cotton & Burlap), 239 Front, New York
 Milwaukee Bag Co. (Cotton & Jute, Sugar, Cement, Sand Levee, Salt, Rice, Potatoes, Parcel Post, Hardware, Coffee Urn, Castings & Bean Bags, Flour Sacks & Burlaps), 206 S Water, Milwaukee, Wis.
 Millhiser Bag Co. (Seed Bags, Tobacco Bags & Pouches), Richmond, Va.
 Moran John & Son (Bags & Barrel Covers), 213 Franklin, New York
 Morgan & Hamilton Co. (Cotton, Flour & Meal Sacks & Burlap Bags), Nashville, Tenn.
 Morris & Co. (Cotton), Groveville, N. J.
 Neahr M. J. & Co., 1600 S Dearborn, Chicago, Ill.
 New York & Boston Bag Co. (Potato, Flour, Grain & Coffee Sacks, etc), 56 Commercial wharf, Boston, Mass.
 Noon Bag Co. (Grain, etc), 32 N 1st, Portland, Ore.
 †Parsons C. H. Co. (Cotton & Burlap), 78 Water, N. Y.
 Philadelphia Bag Co. (Burlap & Cotton), 84 Tasker, Phila., Pa.
 Plummer W. A. Mfg. Co. (Burlap & Cotton), 39 Front, San Francisco, Cal.
 Queen Mfg. Co. (Laundry Bags), 313 S Clinton, Chicago, Ill.
 Raggi P. & Co., 52 Washington, San Francisco, Cal.
 Ralli Bros. (Imp), 11 William, New York

†Riverside Mills (Jute Bagging for Cotton), Augusta, Ga.
 Ross John B. & Co. (Jute Bagging), Charlotte, N. C.
 Royal Mills (Seamless & Burlap Bags Only), Charleston, S. C.
 Royal River Mfg. Co. (Cotton Grain Bags), Yarmouth, Me.
 St. Louis Bag & Burlap Co. (Jute), Hall & Dock, St. Louis, Mo.
 Scott Jas. & Son (Importers Burlap & Jute Bagging), 346 B'way, New York
 Smith M. D. & H. L. Co. (Flour & Meal Bags), Dalton, Ga.
 Southern States Bag Co., Jacksonville, Fla.
 †Stark Mills (Grain Bags; also Bagging, etc), Manchester, N. H.
 Stokes E. K. (Burlap), 78 Pearl, New York
 Texas Bag & Fibre Co., Houston, Texas
 †Tombigbee Cotton Mills (Brown Cotton Bagging), Columbus, Miss.
 †Union Cotton Bagging Corp. (Jute & Cotton Bagging Only), Norfolk, Va.
URSCHER-BATES VALVE BAG CO. (For Lime, Cement, Plaster, Feed, etc), 3431 Summit av, Toledo, O.
See adv index at end of book
 Walker J. S. & Co. (Burlap), Louisville, Ky.
 West & Co., Albany, Ga.
 Werthan Bag Co. (Burlap & Cotton), Nashville, Tenn.
 Wisconsin Bag & Burlap Co. (Burlap), Neenah, Wis.
 Wyantskill Mfg. Co. (Beef & Sheep), Troy, N. Y.
 Young & Metzner, 335 Vernon av, Long Island City, N. Y.

427— Bailers (Mine)

Imperial Iron Works, Duluth, Minn.

428— Bails (Universal)

Albree Chester B. Iron Works Co., 1201 Metropolitan, Pittsburgh, Pa.

429— Bailwoods (Pail)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

430— Bait (Fishing)

Anglers' Bait & Mfg. Co. (Frogs, Minnows, Shiners, etc), 913 W Randolph, Chicago, Ill.
 Foss Al., 1722 Columbus rd, Cleveland, O.
 Hastings Sporting Goods Wks, Hastings, Mich.
 Moonlight Bait Co. ("Moonlight"), Paw Paw, Mich.
 Orvis Chas. F. (Artificial Flies, etc.), Manchester, Vt.
 U. S. Specialty Co. (Rush Tango, Minnow), Rush bldg, Syracuse, N. Y.
 Vacuum Bait Co. ("Howes," "Vacuum," Bass Bait, etc), North Manchester, Ind.
 Wise Sportsman's Supply Co., Great Northern bldg, Chicago, Ill.

431— Bakelite

General Bakelite Co., 2 Rector, New York York

432— Bakers (Potato)

Timberlake J. B. & Sons ("Jaxon"), Jackson, Mich.

433— Bakers (Wire Mill)

Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

434—Balanced Draft System of Furnace Regulation

Engineer Co., 17 Battery pl, New York

435—Balances (Assay & Analytical)

Ainsworth Wm. & Sons, Denver, Colo.
 Bausch & Lomb Optical Co., Rochester, N. Y.
 Becker Christian, 92 Reade, New York
 Daube & Hopken, 39 Carlton av, Jersey City, N. J.
 Elmer & Amend, 205 3d av, New York
 Heil Henry Chemical Co., St. Louis, Mo.
 Keller G. P. ("Keller"), Salt Lake City, Utah

Kohlbusch Herman, 149 N. Y. av, Jersey City, N. J.
 Sargent E. H. & Co., 125 W Lake, Chicago, Ill.
 Thompson Balance Co., Denver, Colo.
 Torsion Balance Co. ("Torsion"), 92 Reade, New York
 Troemner Henry, 911 Arch, Phila., Pa.
 Volland & Sons, New Rochelle, N. Y.

436— Balances (Spring)

American Cutlery Co., 764 Mather, Chicago, Ill.
 Chatillion Jno. & Sons, 85 Cliff, New York
 Hanson Bros., 525 N Ada, Chicago, Ill.

437— Balata

Badenhop Robert Co. (Imp), 67 Wall, New York
 Gough Wallace L. Co., 13 William, New York
 Raw Products Co. (Imp), 80 Wall, New York
 Landers, Frary & Clark, New Britain, Conn.
 Micrometer Balance Scale Co., Troy, N. Y.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
 Wilson Robert P., 320 Market, Newark, N. J.

438-9— Balers (Sack)

Handy Sack Baler Co., Cedar Rapids, Ia.

440—Ballast Loaders & Unloaders

Bucyrus Co., So. Milwaukee, Wis.
 Byers Jno F. Machine Co., 242 S. Sycamore, Ravenna, O.
See adv index at end of book
 Goodwin Car Co. ("Goodwin" Unloaders), 17 Battery pl, New York
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LIDGERWOOD MFG. CO. (Unloaders Only), 96 Liberty, New York
See adv index at end of book
 McMyler-Interstate Co., Bedford, O.
 Marion Steam Shovel Co., P. O. Box 505, Marion, O.
 Vulcan Iron Works Co., Toledo, O.

Ballast (Railroad)

See Stone, Crushed

441— Ball Blue

Heller & Merz Co., 503 Hudson, New York

442— Balloons (Rubber)

Behrend & Rothschild, 54 Van Dam, Greenpoint, L. I., N. Y.
 Eagle Rubber Co., Ashland, O.
 Faultless Rubber Co., Ashland, O.
 Goodyear Tire & Rubber Co., Akron, O.
 Gregory Rubber Co. (Toy), Akron, O.
 Howe-Baumann Balloon Co., 187 Murray, Newark, N. J.
 Oak Rubber Co. (Toy), Akron, O.
 Realty Rubber Co., Massillon, O.
 Sun Novelty Co. (Rubber Goods), Bloomfield, N. J.
 Western Reserve Rubber Co. (Toy), South Akron, O.

443— *Balls (Agricultural)

EXCELSIOR STEEL BALL CO. (Steel Only), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

444— Balls (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
 Hoover Steel Ball Co., Ann Arbor, Mich.
 Jones Ball Co., Arlington Heights, Mass.

445— Balls (Ball Mill)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO. (Forged Steel), Milwaukee, Wis.
See adv index at end of book
ROCK PRODUCTS EQUIPMENT CORP., 42 Church, New York
See adv index at end of book

Rock Products Equipment Corporation

42 CHURCH ST. N. Y. CITY

BALLS FOR GRINDING

Chilled Cast Iron—Forged Steel—Cast Steel and Flint Pebbles
Cement Plant—Mill—Mine and Quarry Supplies

Worthington Pump & Machinery Corp.,
115 B'way, New York

445a— *Balls (Balloting)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Balls (Basket)

See firms in Balls, Foot, with the word
Leather following their names

Balls (Bearing)

See Balls, Steel

446— Balls (Billiard & Pool)

Albany Billiard Ball Co., Albany, N. Y.
Brunswick-Balke-Collender Co., 29 W 32d,
New York
Grote F. & Co., 82 4th av, New York
Kaldenberg Trading Co. (Ivory), 433
Broome, New York
Kapp A. Jos. Sons Ivory Co., 124 E 14th,
New York
Marx Alfred B. & Bro., 30 Union sq, New
York

447— Balls (Bowling)

American Hard Rubber Co. ("A. H. R."
Hard Rubber), 9 Mercer, New York
ESTES E. B. & SONS (Wood), 358 5th av,
New York *See adv index at end of book*
Klump's Jno. G. Sons, 13 Baxter, New
York
Kohaut John C., 17 Green, Newark, N. J.
Labaugh & Armstrong Wood Turning Co.,
50 Ann, New York
Reinschmidt C. & H., Rochester, N. Y.
Sommer John Faucet Co., 30 Morris, New-
ark, N. J.

448— Balls (Brass)

American Ball Co. ("American"), 115 Clif-
ford, Providence, R. I.
Atlas Ball Co. (For Valves, also Bronze),
4th & Glenwood av, Philadelphia, Pa.
Auburn Ball Bearing Co. ("Auburn," Also
Bronze, Solid & Hollow), 26 Elizabeth,
Rochester, N. Y.
Darling Pump & Mfg. Co., Ltd., Williams-
port, Pa.
Diamond Mfg. Co., Detroit, Mich.
Draper Mfg. Co. (Solid or Hollow, for
Valves, etc), Port Huron, Mich.
EXCELSIOR STEEL BALL CO. (Also
Bronze, Solid & Hollow), P. O. Box
52, Buffalo, N. Y.
See adv index at end of book
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Hough Chas. N. Mfg. Co. (Also Bronze),
Franklin, Pa.
Jones Ball Co. (Also Bronze), Arlington
Heights, Mass.
LUNKENHEIMER CO., Executive Offices
& Factories, Beekman & Waverly, Cin-
cinnati, O. *See adv index at end of book*
Midland Brass Works, Fort Worth, Texas
New Departure Service Station, 255 W
58th, New York
Pressed Steel Mfg. Co., Land Title bldg.,
Philadelphia, Pa.
Schatz Mfg. Co. (Also Bronze, Solid &
Hollow), Poughkeepsie, N. Y.

449— Balls (Bronze)

See Balls, Brass

450— *Balls (Cabinet Lock)

EXCELSIOR STEEL BALL CO. (German
Silver), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

451— Balls (Cast Iron)

Boker Hermann & Co. (Imported), 101
Duane, N. Y.

452— *Balls (Caster)

EXCELSIOR STEEL BALL CO., P O Box
52, Buffalo, N. Y.
See adv index at end of book

453— Balls (Cement Mill)

ABBE ENGINEERING CO., 220 B'way,
New York *See adv index at end of book*
Alloy Steel Forging Co., Carnegie, Pa.
Rock Products Equipment Corp., 42
Church, New York
See adv index at end of book
Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

454— Balls (Copper)

ABBOTT BALL CO., Elmwood Station,
Hartford, Conn.
See adv index at end of book

455— Balls (Croquet)

American Hard Rubber Co. (Hard Rub-
ber), 9 Mercer, New York
Essex Rubber Co. (Rubber), Trenton, N. J.
ESTES E. B. & SONS, 358 5th av, New
York *See adv index at end of book*
Sandusky Tool Co., Sandusky, O.
Spalding A. G. & Bros., 126 Nassau, New
York

455a— *Balls (Darning)

ESTES E. B. & SONS, 358 5th av, New
York. *See adv index at end of book*

456— Balls (Fall Line)

Channon Jas. H. Mfg. Co., 227 W Erie,
Chicago, Ill.
Dobbie Foundry & Machine Co. (Plain &
with Hook), Niagara Falls, N. Y.

457— *Balls (Flag Pole)

EXCELSIOR STEEL BALL CO. (Bronze,
Brass & Steel), P. O. Box 52, Buffalo,
N. Y. *See adv index at end of book*

458— Balls (Foot)

Chicago Sporting Goods Mfg. Co. ("Ratsch-
Peerless" Leather), 123 S Jefferson,
Chicago, Ill.
Draper Maynard Co. (Leather), Plymouth,
N. H.
Goldsmiths' P. Sons (Leather), John Find-
lay & Charlotte, Cincinnati, O.
Goodrich B. F. Co. (Rubber), Akron, O.
Goodyear Rubber Co. & Rubber Clothing
Co. (Rubber), 787 B'way, New York
Goodyear Tire & Rubber Co. (Rubber),
Akron, O.
Hodgman Rubber Co. (Rubber), 8 W 40th,
New York
Jarvis W. B. Co. ("Ty Cobb," Leather),
Grand Rapids, Mich.
National India Rubber Co., Bristol, R. I.
Rawlings Mfg. Co. ("Leather"), 701 N
23d, St. Louis, Mo.
Reach A. J. Co. (Leather), Tulip &
Palmer, Phila., Pa.
Revere Rubber Co. (Rubber), 60 High,
Boston, Mass.
Spalding A. G. & Bros. (Leather), 126
Nassau, New York
Tyer Rubber Co. (Rubber), Andover, Mass.
Victor Sporting Goods Co. (Leather),
Springfield, Mass.
Wright & Ditson (Leather), 344 Washing-
ton, Boston, Mass.

459— Balls (Fuller)

See Rubber Goods Mfrs., Mechanical

460— Balls (Glass)

Bache Semon & Co. (Imp), 636 Greenwich,
New York

Christensen M. F. & Son Co., Akron, O.
Illinois Glass Co. (Furniture, Caster, etc),
Alton, Ill.

RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book

461— Balls (Golf)

Davidson Rubber Co., Boston, Mass.
St. Mungo Mfg. Co. ("Arch Colonel," "Star
Colonel," "Crescent Colonel"), 121
Sylvan av, Newark, N. J.
Slazenger Frank L., 12 E 43d, New York
Spalding A. G. & Bros., 126 Nassau, New
York
Worthington Ball Co., Elyria, Ohio
Wright & Ditson, 344 Washington, Boston,
Mass.

461a— *Balls (Grille)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

461b— Balls (Grinding)

ROCK PRODUCTS EQUIPMENT CORP.,
42 Church, New York
See adv index at end of book

462—Balls (Hand Ball Court)

Goodrich B. F. Co., Akron, O.
New York Rubber Co., Reade & Church,
New York
Pennsylvania Rubber Co., Jeannette, Pa.
Spalding A. G. & Bros., 125 Nassau, New
York

463— *Balls (Hinge)

EXCELSIOR STEEL BALL CO., P. O.
Box 52, Buffalo, N. Y.
See adv index at end of book

464— Balls (Hollow)

Draper Mfg. Co. (Brass, for Valves, etc),
Port Huron, Mich.
EXCELSIOR STEEL BALL CO. (Brass
Only), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Johnston & Sharp Mfg. Co. (Crucible
Steel, Self-Lubricating), Ottumwa, Ia.
Schatz Mfg. Co. (All Metals Except Alum-
inum), Poughkeepsie, N. Y.

464a— *Balls (Kominuter)

Tioga Steel & Iron Co., Phila., Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

464b—*Balls (Lithographic)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

464c— *Balls (Massage)

Estes E. B. & Sons (Wooden), 358 5th
av, New York
See adv index at end of book

464d— Balls (Monel Metal)

WILLIAMS & CO. (INC.), 220-226 Penn
av, Pittsburgh, Pa.
See adv index at end of book

465— Balls (Moth)

White Tar Co. ("White Tar," Imp.), 4
Cliff, New York

When writing to firms listed
in this book please mention
HENDRICKS'
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STEEL BALLS

A. B. C. Bearing Balls the most accurate and highly finished balls on the market, giving unqualified satisfaction in service.

Whatever grade you wish we can furnish. Let us quote you.

THE ABBOTT BALL COMPANY, Elmwood Sta., HARTFORD, CONN.

466— Balls (Ox)

Humason & Beckley Mfg. Co., New Britain, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Sargent & Co., New Haven, Conn.
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

467—Balls (Phosphor Bronze)

EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

468— Balls (Pipe & Flue)

Alloy Steel Forging Co., Carnegie, Pa.
Cyclops Foundry Co., Union Bank bldg, Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co. (For Lapwelding Pipe), Midland, Pa.

469— Balls (Polishing)

See Balls, Steel for Polishing, Etc.

469a— *Balls (Polo)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

470— Balls (Porcelain)

Jeffery-Dewitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

471— *Balls (Roller Skate)

EXCELSIOR STEEL BALL CO. (Steel), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

472— Balls (Rubber)

Baumann Rubber Co., New Haven, Conn.
Davol Rubber Co. (Gas Mains, etc), 69 Point, Providence, R. I.
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Lambertville Rubber Co., Lambertville, N. J.
NEW YORK RUBBER CO., 225 W Randolph, Chicago, Ill., & Reade & Church, New York
Sun Novelty Co. (Toy, Parlor, etc.), Bloomfield, N. J.

473-4— Balls (Steel)

ABBOTT BALL CO. ("Abbott," Highgrade bearing, also all other grades), Elmwood Station, Hartford, Conn.
See adv index at end of book
Allis-Chalmers Mfg. Co. (Forged), Milwaukee, Wis.
See adv index at end of book
American Ball Co., 115 Clifford, Providence, R. I.
Aschenbach Harness Co., Henry, N. Y.
Atlas Ball Co. ("Atlas"), 4th & Glenwood av, Phila., Pa.
Auburn Ball Bearing Co. (Solid), 26 Elizabeth, Rochester, N. Y.
Bearings Co. of America (Imp.), Lancaster, Pa.
Boker Hermann & Co. (Imported), 101 Duane, New York
Buhrke R. H. Co., 2414 N. Sac. av, Chicago, Ill.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Draper Mfg. Co. (For Valves), Port Huron, Mich.
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

General Mfg. Co. (Burnishing), Waterbury, Conn.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
G.WILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hoover Steel Ball Co., Ann Arbor, Mich.
Hough Chas. N. Mfg. Co., Franklin, Pa.
Jones Ball Co., Arlington Heights, Mass.
Livermore H. F. Co., 85 Pearl, Boston, Mass.
Meckel Fred L., 11 E 13th, Chicago, Ill.
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book



Pressed Steel Mfg. Co., Land Title bldg, Phila., Pa.
Reed & Prince Mfg. Co. (Burnishing), Worcester, Mass.
R.-I.-V. Co. ("R.-I.-V.-Hoffman," All Sizes), 1765 B'way, New York
Schatz Mfg. Co. (Solid and Hollow Pressed Steel), Poughkeepsie, N. Y.
STANDARD ROLLER BEARING CO., 50th & Lancaster av, Phila., Pa.
Tioga Steel & Iron Co., Phila., Pa.

Est. 1887—

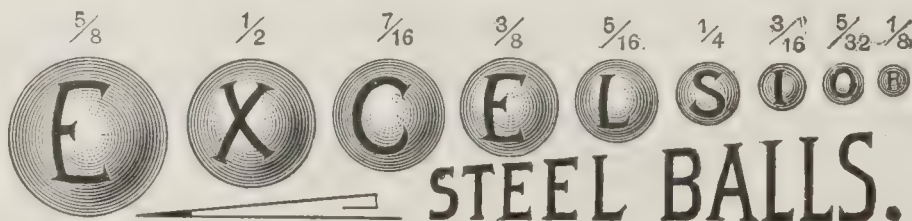
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IF IT'S BALLS YOU NEED, ASK US

Buffalo, N. Y.

Transue & Williams Steel Forging Corp.
(From 2 inches up in Rough), Alliance, O.
Western Tool & Forge Co. (Forged),
Brackenridge, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

475—*Balls (Steel, for Polishing & Burnishing)

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

476— Balls (Tank)

See also Floats, Tank
Good Mfg. Co. (Rubber), 305 E 134th, New York
Goodrich B. F. Co. ("Pinnacle" Rubber), Akron, O.
Mechanical Rubber Co. ("Meruco"), ft Lisbon rd, S E, Cleveland, O.
Norwalk Mfg. Co. (Rubber), E Norwalk, Conn.
Schacht Rubber Mfg. Co. (Rubber), Huntington, Ind.

477— Balls (Tea)

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
Woods-Sherwood Co. ("Sherwood's"), Worcester, Mass.

478— Balls (Tennis)

Goodrich B. F. Co. ("Goodrich"), Akron, O.
Pennsylvania Rubber Co. (Hand-Made Championship), Jeannette, Pa.
Seamless Rubber Co., New Haven, Conn.
Wright & Ditson, 344 Washington, Boston, Mass.

479— *Balls (Tin)

ABBOTT BALL CO. ("Abbott" For Bottle Stoppers), Elmwood Station, Hartford, Conn. *See adv index at end of book*

480— Balls (Tumbling Barrel)

ABBOTT BALL CO. ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
EXCELSIOR STEEL BALL CO., P. O. Box 52, Buffalo, N. Y.
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
Jones Ball Co., Arlington Heights, Mass.
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book

481— *Balls (Vacuum Cleaner)

EXCELSIOR STEEL BALL CO. (Steel), P. O. Box 52, Buffalo, N. Y.
See adv index at end of book

482— *Balls (Valve)

EXCELSIOR STEEL BALL CO. (Steel, Brass & Bronze), P. O. Box 52, Buffalo, N. Y. *See adv index at end of book*

483— Balls (Wood)

American Enamel Co. (Plain & Enameled), Neville, Providence, R. I.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Bogert & Hopper, 67 Barclay, New York
Carr, Ryder & Adams Co., Dubuque, Iowa
ESTES E. B. & SONS (All Kinds, for All Purposes, Plain or Enameled), 358 5th av, New York
See adv index at end of book
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Frery Mfg. Co., Charlemont, Mass.

Hyde-Murphy Co., Ridgway, Pa.
McMillan's W. H. Sons (Ten Pin), 153 South, New York
Novelty Turning Co., Norway, Me.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Peirce W. E. & Co., Milford, N. H.
Rowe Henry Mfg. Co., Newaygo, Mich.
Standard Turning Works, Cambridge, Mass.
Stephenson Mfg. Co., South Bend, Ind.
Western Sash & Door Co., Independence & White, Kansas City, Mo.

484— Balls (Zinc)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

485— Balusters

American Sash & Door Co., Kansas City, Mo.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

485a— *Balustrades & Railings

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

486— Bamboo

Demarest Chas. H. (Imp.), 150 Water, New York
Husselrath Importing Co. (Imp.), 37 Liberty, New York

486a— *Banana Liquids

DU PONT CHEMICAL WORKS, 120 B'way, New York

486b—*Band Iron (Soft Annealed)

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

Bandages (Surgical, Cotton)

See Gauze, Surgical

487—Bandages (Surgical, Rubber)

Ajax-Grieb Rubber Co., 1796 B'way, New York
Bailey C. J. & Co., 22 Boylston, Boston, Mass.
Canton Rubber Co., Canton, O.
Davidson Rubber Co., Boston, Mass.
Daval Rubber Co., 69 Point, Providence, R. I.
Goodrich B. F. Co., Akron, O.
Hodgman Rubber Co., 8 W 40th, New York
Miller Rubber Co., Akron, O.
Myers Mfg. Co., Fremont, O.
National India Rubber Co., Bristol, R. I.
Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
Raley Rubber Co., New Haven, Conn.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co., Akron, O.
Tyler Rubber Co., Andover, Mass.
Whitall Tatum Co., 410 Race, Phila., Pa.

488— Banding (Braided)

See also Banding, Cotton
Covel & Osborn Co., Fall River, Mass.
Frost, Geo. T. & Sons, Paterson, N. J.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Lambeth Rope Corp., New Bedford, Mass.
Mallison Braided Cord Co., Athens, Ga.
Moore C. & Co., 5th & Market, Phila., Pa.
Small Bros. Fall River, Mass.
Speed & Stephenson ("Wm. Haight's"), 170 Summer, Boston, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Toohey M. J. & Co., Fall River, Mass.
Whittier Mills Co., Chattahoochee, Ga.
Young John B. J. & Levick, Phila., Pa.

489— Banding (Cotton)

See also Banding, Braided
Am. Supply Co., 135 Washington, Providence, R. I.

Beebe Cordage Co., Rockaway, N. J.
Bibb Mfg. Co., Macon, Ga.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Chase F. A. & Co., 253 W Exchange, Providence, R. I.
Cohankus Mfg. Co., Paducah, Ky.
Covel & Osborn Co., Fall River, Mass.
Elder Jas., 230 W Coulter, Germantown, Phila., Pa.
Goss Bros., Fall River, Mass.
Hodson John M., Markle & Boone, Phila., Pa.
Hoffman-Corr Mfg. Co., 312 Market, Philadelphia, Pa.
Holden James, Fall River, Mass.
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
International Braid Co., 47 Charles, Providence, R. I.
Lees Mfg. Co., Westport, Conn.
Mount Pleasant Banding Co. (Twisted), New Bedford, Mass.
Russell Mfg. Co., Middletown, Conn.
Small Bros., Fall River, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Tennessee Line & Twine Co., Elizabethtown, Tenn.
Toohey M. J. & Co., Fall River, Mass.
Unity Cotton Mills, La Grange, Ga.
Young John B. J. & Levick, Phila., Pa.

490— Bands (Boom)

Wilcox, Crittenden & Co. (Adjustable Goose Neck, etc), Middletown, Conn.

491— Bands (Brake)

Columbia Steel Co., Elyria, O.
Continental Fibre Co. (Fibre), Newark Centre, Del.
Cramp Wm. & Sons, Ship & Engine Building Co., Beach & Ball, Phila., Pa.
Crosby Co., 183 Pratt, Buffalo, N. Y.
Detroit Pressed Steel Co., Detroit, Mich.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Kales-Haskel Co., 443 Lafayette W, Detroit, Mich.
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
Reliance Engineering Co., Lansing, Mich.
Royal Equipment Co. ("Raybestos," "Duplex"), Bridgeport, Conn.
Royal Fibre Co., West Somerville, Mass.
STANDARD PARTS CO., W 73rd, Cleveland, O. *See adv index at end of book*
West Leechburg Steel Co., Farmers Bank bldg, Pittsburgh, Pa.

492— Bands (Brass)

Waterbury Brass Goods Corporation (Fancy & Perforated), Waterbury, Conn.

493— Bands (Brush)

Lothrop F. B. Co., South Acton, Mass.

Bands (Hose)

See Clamps, Hose

494— Bands (Hub & Rim)

Eastern Malleable Iron Co. ("Warner," "Locke & Jewel," "Rouse," "Kenny," "Dietz," "Sweet's Concealed," etc), Naugatuck, Conn.
Meeker Mfg. Co., Dayton, O.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

495— Bands (Kiln)

Arnold-Creager Co., New London, O.
LAKEWOOD ENGINEERING CO. ("Lakewood"), Cleveland, O.
See adv index at end of book
Tecktonious E. C. Mfg. Co., Racine, Wis.

496— Bands (Machine)

Ashland Mfg. Co., W. 43d & S. Hermitage av, Chicago, Ill.

497— *Bands (Metal Bale)

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

Bands (Neck Yoke)

See Irons, Neck Yoke

498—Bands (Pipe & Tank)

American Bridge Co., 30 Church, New York
 American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
 Ballard Drop Forge Co. (Steel), Seattle, Wash.
 Bettcher Mfg. Co., 6120 Clark av S W, Cleveland, O.
 Cambria Steel Co. (With Rolled Threads), Widener bldg, Phila., Pa.
 Central Foundry Co. (For Cast Iron Pipe), 90 West, New York
 Colorado Fuel & Iron Co., Denver, Col.
 Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
 Illinois Steel Co., 208 S La Salle, Chicago, Ill.

499—Bands (Polishing)

Besly Chas. H. & Co. ("Besly"), 120 N Clinton, Chicago, Ill.
 Gardner Machine Co. ("Gardner"), S Beloit Div, Beloit, Wis.

500—Bands (Rubber)

American Lead Pencil Co., 220 5th av, New York
 Davol Rubber Co., 69 Point, Providence, R. I.
 Easthampton Rubber Thread Co. (Para Rubber), Easthampton, Mass.
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
 Faber A. W., 41 Dickerson, Newark, N. J.
 Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
 Goodrich B. F. Co. (For All Uses), Akron, O.
 Goodyear Tire & Rubber Co., Akron, O.
 Hodgman Rubber Co., 8 W 40th, New York
 National India Rubber Co., Bristol, R. I.
 Parker, Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
 Quaker City Rubber Co., 629 Market, Phila., Pa.
 Tyer Rubber Co. ("Ajax"), Andover, Mass.

501—Bands (Sand & Mud)

Concord Axle Co. ("Farris"), Penacook, N. H.
 Trenton Malleable Iron Co., Trenton, N. J.

502—Bands (Shingle, Box & Shook)

See also Box Straps

Acme Steel Goods Co. (Also Bale), 2834 Archer av, Chicago, Ill.
See adv index at end of book
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
 Hollow Cable Mfg. Co. ("Preston's" Patent Braided Wire Box), Hornell, N. Y.
 Paton J. & Co. (Iron & Steel), Cleveland, O.

503—Bank Fixtures

See Bank & Office Fixtures, Metallic; also Store & Bar Fixtures

504—Bank Vaults

American Safe & Lock Co., Anderson, Ind.
 Barnes Safe & Lock Co., 941 Liberty, Pittsburgh, Pa.
 Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.
 Cary Safe Co., Buffalo, N. Y.
 Diebold Safe & Lock Co., Canton, O.
 Gross-Feibel Co., Hillsboro, O.
 Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.
 Harrigan Safe Co., Sheffield, Kansas City, Mo.
 Herring-Hall-Marvin Safe Co., Hamilton, O.
 Jackson Wm. H. Company, 2-4-6 W 47th, New York
 Manganese Steel Safe Co. ("Tisco" Manganese Steel), High Bridge, N. J.
 Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
 Mills Wm. J., 198 Roebling, Brooklyn, N. Y.
 Mosler Safe Co., Hamilton, O.

National Safe & Lock Co., 2341 E 69th, Cleveland, O.
 Remington & Sherman Co., 359 B'way, New York
 Schwab Safe Co., Lafayette, Ind.
 Stewart Iron Works Co., Covington, Ky.
 Trumbull Safe & Vault Co., 77 W Lake, Chicago, Ill.
 Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
 Victor Safe & Lock Co. (Manganese Steel), Cleaneay av & N. & W. Belt Line, Cincinnati, O.
 Waltz Safe & Lock Co., 233 California, San Francisco, Cal.
 Western Iron Works, 141 Beale, San Francisco, Cal.
 York Safe & Lock Co., York, Pa.

505—Bank & Office Fixtures (Metallic)

Art Metal Construction Co., Jamestown, N. Y.
 Art Metal Products Co., 514 S Green, Chicago, Ill.
 Berger Mfg. Co., Canton, O.
 Canton Art Metal Co., Canton, O.
 Crown Metal Construction Co., Jamestown, N. Y.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Edwards O. M. Co., Syracuse, N. Y.
 Ellison Brass Mfg. Co. (Brass & Bronze), Jamestown, N. Y.
 Fire-Proof Furniture & Construction Co., Miamisburg, O.
 General Fireproofing Co. (Allsteel), 3680 Logan av, Youngstown, O.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
 Jamestown Window Screen Co., Jamestown, N. Y.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Library Bureau, 43 Federal, Boston, Mass.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O. 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Revell A. H. & Co., 141 S Wabash av, Chicago, Ill.
 Shiffel & Freeman Co., Lititz, Pa.
 Steel Fixture Mfg. Co., Topeka, Kan.
 Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
 Watson Mfg. Co., Jamestown, N. Y.

506—Bank & Office RailingsSee also Bank & Office Fixtures, Metallic
See also Fixtures, Bank, Office & Store**CALIFORNIA.**

LOS ANGELES—Biescar Bros.
 Jones Jas. Co.
 Niederer J. Co.
 SAN FRANCISCO—California Artistic Metals & Wire Co., 349 7th
DAHLSTROM METALLIC DOOR CO. (West M. G. Co., Agents), 353 Market. *See adv index at end of book*
 Garratt W. T. & Co., 299 Fremont
 Graff A. & Sons (Brass), 39 Shipley, San Francisco, Cal.
 Kehoe Display Fixture Co., 541 Market, San Francisco, Cal.
 Ralston Iron Works, 20th & Indiana
 Rudgar-Merle Co., 198 Bay
 Sperry Wire & Iron Works, 178 Oak
 West Coast Wire & Iron Works, 861 Howard

COLORADO.

COLORADO SPRINGS—Hassell Iron Works Co.
 DENVER—**DAHLSTROM METALLIC DOOR CO.** (Patterson Chas. L. Co. Agents), 1721 Stout
See adv index at end of book
 Grauman L. Fixture Co.
 Jackson-Richter Iron Works Co.
 Pioneer Iron & Wire Works Co.
 Verdeckberg Iron & Wire Works Co., 1401 Market

CONNECTICUT.

BRIDGEPORT—Barnes T. M.
 HARTFORD—Howard James L. & Co.
 MERIDEN—Bradley & Hubbard Mfg. Co.
 NEW HAVEN—Smith Edw. F.
 Smith John P. & Co.
 PLAINVILLE—Elm City Brass & Rivet Co.
 SOUTHPORT—Jelliff C. O. Mfg. Corp.

GEORGIA.

ATLANTA—Atlanta Wire & Iron Wks. Co.
 Muller Geo. W. Bank Fixture Co.
 Southern Wire & Iron Works

ILLINOIS.

CHICAGO—American Iron & Wire Works, 1622 Carroll av
 Baldwin Brass Works, 411 S Clinton
 Barbee Wire & Iron Works, 170 N Dearborn
 Brasco Mfg. Co., 1451 S Michigan av
 Central Architectural Iron Works, 53 W Jackson blvd
 Coleman Adelbert E., 336 W 37th
 Columbia Wire & Iron Works, 1933 W Lake
DAHLSTROM METALLIC DOOR CO., 1342 Monadnock blk
See adv index at end of book
 Deschauer Wire & Iron Works, 2009 Larrabee
HANKE IRON & WIRE WORKS, 800 No Albany av
See adv index at end of book
 Heath-Johnson Co., 300 W Ontario
 Hester Mfg. Co., 1455 S Michigan av
 Hickey M. H., 36 W Randolph
 Imperial Brass Mfg. Co. (Brass), 524 S Racine av
See adv index at end of book
 Landon E. R., 166 N May
 Newman Mfg. Co., 68 W Washington
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn
See adv index at end of book
STANDARD-TYLER CO., 2436 W 15th
 Sullivan-Korber Co., 2437 W 21st pl
 United Ornamental Iron Works, 189 W Madison
 Voss Fred'k, 1852 Austin av
 Western Ach'l Iron Co., 211 W Schiller
 Winslow Bros. Co. (Iron, Brass & Bronze), 4600 Harrison
 QUINCY—Van Doorn Co.
 ROCKFORD—Andrews Wire & Iron Wks
 SYCAMORE—Turner Brass Works

INDIANA.

EVANSVILLE—International Steel & Iron Co. (Wire & Iron)
 Mesker Geo. L. & Co. (Wire & Iron)
 INDIANAPOLIS—**DAHLSTROM METALLIC DOOR CO.** (Vonnegut Hardware Co., Agents)
See adv index at end of book
 Geiger & Peters
 Langsenkamp E. H.
 Melaun Ernest
 Roch Tobias
 KOKOMO—Kokomo Steel & Wire Co. (Wire & Iron)
 LAFAYETTE—Barbee Wire & Iron Works
 TERRE HAUTE—Up-to-Date Mfg. Co.

IOWA.

DUBUQUE—Trenk Wire Works

KANSAS.

TOPEKA—Capital Iron Works Co.
 WICHITA—Christopher Geo. C. & Son

KENTUCKY.

LOUISVILLE—Champion Wire & Iron Works
 Dow Wire & Iron Works
 Imperial Wire & Iron Works

MAINE.

PORTLAND—Megquier & Jones Co.

MARYLAND.

BALTIMORE—Balderston H. & Son, 319 Pearl
 Chesapeake Iron Works, Westport
 Dufur, Baggott & Co., 225 W Saratoga
 Dufur & Co., 311 N Howard
 Enterprise Wire & Iron Works, 1524 N Regester
 Jones L. E., 321 N Calvert
 Meiser H. & Son, 204 Clay
 Stidman & Co., 616 E Fayette

MASSACHUSETTS.

BOSTON—Bassill Louis Co., 100 Utica
 Boston Nickel Plating Co. (Brass),
 160 Portland
DAHLSTROM METALLIC DOOR CO.
 (Boston Metal Fireproofing Co.,
 Agents), 8 Beacon
See adv index at end of book
 Hub Wire Cloth & Wire Work Co.,
 108 Portland
McGANN, THOS. F. & SONS CO., 117
 Portland
See adv index at end of book
 Morss & Whyte Co., 33 Pearl
 Nelson Bros., 62½ Thayer
 Scrannage Bros. (Brass), 77 Travers
 Whyte Oliver & Co., 21 Cornhill
 GLOUCESTER—Success Mfg. Co.
 SPRINGFIELD—Bigelow Cheney Wire
 Works
 WORCESTER—WRIGHT WIRE CO.
See adv index at end of book

MICHIGAN.

DETROIT—Acme Fancy Wire Works,
 Art Brass & Wire Works, Forest &
 Ellery
 Barnum E. T. Wire & Iron Works,
 864 Woodward
 Bolles J. E. Iron & Wire Works, 4th
 & Porter
DAHLSTROM METALLIC DOOR CO.,
 2302 Dime Savings Bank bldg
See adv index at end of book
 De Croupet Iron Works, 345 Monroe
 av
 Detroit Arch'l Iron Works Co.
 Detroit Wire & Iron Works, 1160 Jef-
 ferson av E
 Inglis Wm., Wire & Iron Works, 61
 Woodbridge
 Phoenix Wire Works
 Seiferlein & Malleis
 Vulcan Co., 11 Raynor
 GRAND RAPIDS—Grand Rapids Orna-
 mental Iron & Wire Works
 Weatherly Co. (Brass & Iron)

MINNESOTA.

MINNEAPOLIS—Builders Iron Works Co.,
 1815 University av
 Crown Iron Works Co., 1229 Tyler
 Flour City Ornamental Iron Works,
 27th & 27th av
 Klenzle-Merrick Mfg. Co., 1214 S 3d
 Minneapolis Ornamental Iron Co.,
 143 27th av S E
 Twentieth Century Brass Works, 231
 5th av S
 ST. PAUL—Herzog Iron Works
 Twin City Iron & Wire Works, 25
 W Water

MISSOURI.

KANSAS CITY—Central Brass Works Co.,
 Goodrich & Central
 Kansas City Wire & Iron Works, 1428
 Oak av
 Kleeman L. F. Mfg. Co.
 Loewer John E. Wire & Iron Works,
 914 Campbell
 Southwest Wire & Iron Works Co.,
 815 Wyandotte
 Star Brass Works Co., 2623 McGee
 Tilk Frank Ornamental Iron Works
 Co., 211 N 19th
 ST. JOSEPH—VOLTZ Mfg. Co., 914 Penn.
 ST. LOUIS—Kraushaar Brass Mfg. Co.,
 1112 Market
 Lasar Ornamental Iron Co., 16th &
 O'Fallon
 St. Louis Brass Mfg. Co., Jefferson &
 Washington av
 St. Louis Wire & Iron Co., 926 Chou-
 teau av

MONTANA.

HELENA — **DAHLSTROM METALLIC
 DOOR CO.** (Mahan & Grant,
 Agents), 32 W 6th av
See adv index at end of book

NEBRASKA.

OMAHA—Champion Iron & Wire Works
 Hlavka Jno.

NEW JERSEY.

NEWARK—Gould's M. Son & Co. (Brass
 & Bronze), 115 Lafayette
 Industrial Wire & Metal Works, 95
 High

Riley-Klotz Mfg. Co., 17 Mulberry
 (Square Tubing)
 Storsberg Fritz Co., 20 Atlantic

NEW YORK.

ALBANY—Campbell Harry E.
 BINGHAMTON—Titchener E. H. & Co.
 BROOKLYN—(See New York City, Bo-
 rough of Brooklyn)
**BUFFALO—BUFFALO WIRE WORKS
 CO.**, 453 Terrace
See adv index at end of book
 Fries & Co. (Brass & Bronze), 91
 Main
 Sanford Thomas F., 84 B'way
 Zero Valve & Brass Mfg. Co. (Brass
 Only)
 JAMESTOWN—Art Metal Construction
 Co.
DAHLSTROM METALLIC DOOR CO.,
 35 Blackstone av
See adv index at end of book
 Ellison Brass Mfg. Co. (Brass &
 Bronze)
 Jamestown Window Screen Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—American Brass Fixture
 Works (Brass & Bronze), 66
 Greenpoint av
 Grosback Wm. & Co., 37 Maspeth av
 Hecla Iron Works (Iron, Brass &
 Bronze), 118 N 11th
 Mills W. J., 198 Roebling
 Penn. Brass & Bronze Works (Brass,
 Bronze, etc), 111 Dobbin

Boroughs of Manhattan and Bronx.

NEW YORK—Anchor Post Iron Works, 19
 Cortlandt
 Anderson Henry C., 145 W 18th
 Bataille, Achille & Co., 587 Hudson
 Brinkerhoff's J. P. Sons, 57 Dey
 Cabaret Paul E. & Co. (Bronze), 126
 11th av
 Chapman Wm. O. Co., 30 Church
 Coco Bros., 13 Baxter
DAHLSTROM METALLIC DOOR CO.,
 130 E 15th
See adv index at end of book
 Empire Brass & Metal Works, 29 W
 34th
 Estey Wire Works Co., 34 Cliff
 Fiske J. W. Iron Works, 80 Park pl
GORHAM CO. ARCH'L BRONZE, 5th
 av & 36th; Works: Providence,
 R. I. *See adv index at end of book*
 Guerin P. E. (Inc.), 21 Jane
 Henry-Bonnard Bronze Co. (Bronze &
 Ornamental Iron & Brass), 20 Ex-
 change pl
 Hopkins & Co., 199 Franklin
 Howard & Morse, 46 Fulton
 Hungerford U. T. Brass & Copper Co.
 (Of all Descriptions), 80 Lafay-
 ette
 Jackson Wm. H. Company (Bank
 Counter Screens a Specialty), 2
 W 47th
 Janusch Mfg. Co. (Brass & Bronze),
 496 E 134th
 Manhattan Brass Co., 333 E 26th
 New York Brass & Wire Works Co.,
 177 Grand
**PITT WM. R. COMPOSITE IRON
 WORKS**, 219 W 26th
See adv index at end of book
 Stolp Oscar, 20 Fletcher
 Thompson Hervey, 178 E 119th
 Tiffany Studios, 361 Madison av
TYLER W. S. CO. (of Cleveland, O.),
 200 5th av
See adv index at end of book
 Wells Architectural Iron Co., River av
 & 151st
 Williams George A. & Son, 85 Fulton
 Williams John, Inc., 556 W 27th

Borough of Queens.

ASTORIA—Federal Brass & Bronze Co.,
 Ridge
 MASPETH—Richey, Browne & Donald
 Iron Works Inc., Flushing av

(End of New York City)

NORWICH—Norwich Wire Works
 ROCHESTER—Snow Wire Works Co.
 White Wire Works Co.
 SYRACUSE—Edwards O. M. Co.
 Smith & Caffrey Co.
 Syracuse Wire Works

OHIO.

AKRON—Ornamental Iron Works Co.
 CANTON—Columbia Iron & Wire Works
 Co.
 CINCINNATI—Cincinnati Mfg. Co.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO.,
 (Pursell-Grand Co., Agents), Mer-
 cantile Libr bldg
See adv index at end of book
 Kamman Walter, 3258 Spring Grove
 av
 Kinsley John R., 115 E 6th
NEWMAN MFG. CO., 717 Sycamore,
 68 W Washington, Chicago, Ill.
See adv index at end of book
 Schreiber L. & Sons Co., 3869 Ivanhoe
 CLEVELAND—Cleveland Art Metal Co.,
 3620 Superior
DAHLSTROM METALLIC DOOR CO.,
 (Cleveland Fireproofing Equip-
 ment Co., Agents), 1337 Schofield
 bldg *See adv index at end of book*
 Sheer Bros. Fence & Iron Co., 715 E
 103rd
TYLER W. S. CO. (Bronze)
See adv index at end of book
 Van Dorn Iron Works Co., 2700 E 79th
 COLUMBUS—Columbus Brass Co. (Brass
 & Bronze), 538 Dublin av
See adv index at end of book
 Columbus Wire & Iron Works Co.
 Ohio Elevator & Machine Co.
 DAYTON—Plocher Andrew Sons Co.
 HAMILTON—MEYERS FRED J. MFG.
 CO. *See adv index at end of book*
 SPRINGFIELD—Bayley Wm. Co.
 TOLEDO—Milmine H. B. & Co.
 Toledo Wire & Iron Works

OKLAHOMA.

OKLAHOMA CITY—**DAHLSTROM ME-
 TALLIC DOOR CO.** (John Russ
 Co., Agents), 1108 Colcord bldg
See adv index at end of book

OREGON.

PORTLAND—Portland Wire & Iron
 Works
 Tuerck I. K.

PENNSYLVANIA.

PHILADELPHIA—Biggin Chas. P. Co.,
 1829 Harlan
DAHLSTROM METALLIC DOOR CO.
 (Cooper & Lucas Agents), 835
 Real Estate Trust bldg
See adv index at end of book
 Darby Edw. & Sons Co., 239 Arch
 Gensel Frederick & Co., 911 Vine
 Giese Mfg. Co., 260 S 5th
 Halstead & Co., 1129 Cherry
 Midland Metal Co. (Inc.), 21st & Jef-
 ferson
 Nacke A. & Son, 236 S 9th
 Pettit Frank Ornamental Iron Works,
 809 Master
 PITTSBURGH—**DAHLSTROM METAL-
 LIC DOOR CO.** (Simons, Brittain
 & English, Agents), 1703-4 Oliver
 bldg *See adv index at end of book*
 McKenna Bros. Brass Co. (Brass &
 Bronze), 1st av & Ross
 Pittsburgh Brass Mfg. Co.
 Sommerville Iron & Bronze Co., 5641
 Butler
 Taylor & Dean, Penn av & 25th
TYLER W. S. CO., Bessemer bldg
See adv index at end of book
 READING—Remppis Wm. F. Co., 226
 Spruce
 SCRANTON—American Safety Lamp &
 Mine Supply Co.

RHODE ISLAND.

PROVIDENCE—Blaisdell S. S. Machine
 Co. (Brass), 228 Aborn
 What Cheer Wire Works, 157 Dorrance

TENNESSEE.

CHATTANOOGA—Standard Iron & Wire
 Wks.

TEXAS.

DALLAS — **DAHLSTROM METALLIC
 DOOR CO.** (Gilbert Mfg. Co.,
 Agents), 304 Scollard bldg
See adv index at end of book
 HOUSTON—Berger A. A. & Co.

CLINCHFIELD PRODUCTS CORPORATION

120 BROADWAY, NEW YORK

Works: Johnson City, Tenn.

Erwin, Tenn.

MANUFACTURERS OF

Barium Carbonate

Barium Chloride

Barium Nitrate

Barium Sulphate
(Blanc Fixe)

Sodium Sulphide
(Double & Single Strength)

Barium Sulphide
Glauber's Salt
Muriatic Acid
Sal Soda

Miners and Grinders of Superior Feldspar

INQUIRIES SOLICITED

UTAH.

SALT LAKE CITY—Cragger Wire & Iron Works
DAHLSTROM METALLIC DOOR CO. (Manufacturers Specialties Co., Agents), 418 Boston bldg
See adv index at end of book
Salt Lake Wire & Iron Works

VIRGINIA.

NORFOLK—Norfolk Iron & Wire Works, (Inc.)
RICHMOND—Richmond Structural Steel Co.

WASHINGTON.

SEATTLE—**DAHLSTROM METALLIC DOOR CO.** (Camp-Te Roller, Agents), 530 Colman bldg
See adv index at end of book
Pacific Ornamental Iron Co.

SPOKANE—Spokane Ornamental Iron & Wire Works

WEST VIRGINIA.

HUNTINGTON—Huntington Iron Wks
WHEELING—Harris P. S.

WISCONSIN.

MILWAUKEE—Globe Wire & Iron Works, Atkinson av
Hennecke C. Co., 1353 N Pierce
Loeffelholz & Co., 170 Clinton
Wisconsin Iron & Wire Works

507— Banks (Savings)

American Badge Co. (Toy), 141 W Austin av, Chicago, Ill.
Arcade Mfg. Co., Freeport, Ill.
BOSTON PRESSED METAL CO. (Also Household Banks), 169 Union, Worcester, Mass.
See adv index at end of book
Burns W. F. Co., 33 S Dearborn, Chicago, Ill.
Cassady Fairbank Mfg. Co. (Toys), 6126 S La Salle, Chicago, Ill.
Dent Hardware Co., Fullerton, Pa.
Durable Toy & Novelty Co., 44 Union sq, New York
Estes E. B. & Sons (Toy, etc), 358 5th av, New York *See adv index at end of book*
Grey Iron Casting Co. (Iron Toy), Mt. Joy, Pa.
Haeusermann Metal Mfg. Co. (4-coin Registering), 1100 Brook av, New York
Hubley Mfg. Co., Lancaster, Pa.
Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
Ives Mfg. Corp., Bridgeport, Conn.
Kenton Hardware Co. (Iron & Steel), Kenton, O.
Nicol & Co. ("White City"), 218 N Jefferson, Chicago, Ill.
Novitas Sales Co., Waltham, Mass.
Sager Lock Co. ("Harper"), North Chicago, Ill.
Williams A. C. Co., Ravenna, O.

508— Bar Bell

Sperry D. R. & Co. (Adjustable), Batavia, Ill.

509— *Bar Brass or Bronze

AMERICAN BRASS CO., Waterbury, Conn.
See adv index & branch offices at end of book

510— *Bar Folders

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Bar Iron or Steel

See Iron Bar Mills; also Steel Bar Mills

511— Barge Builders

See also Ship Builders
American Bridge Co. (Steel) (At Ambridge, Pa., Plant), Pittsburgh, Pa., & 30 Church, New York
American Car & Foundry Co. (Steel & Wooden), Syndicate Trust bldg, St. Louis, Mo.
American Steel Dredge Co. (Steel), Ft. Wayne, Ind.
Carroll-Porter Boiler & Tank Co. (Steel), Empire bldg, Pittsburgh, Pa.
CHICAGO BRIDGE & IRON WORKS (Steel), 2015 Old Colony bldg, Chicago, Ill. *See adv index at end of book*
Coastwise Ship Bldg Co. (Wood), ft. of Andre, Baltimore, Md.
Cramp Wm. & Sons Ship & Engine Building Co. (Steel), Beach & Ball, Philadelphia, Pa.
Dubuque Boat & Boiler Works (Steel & Wooden), Dubuque, Ia.
Harlan & Hollingsworth Corporation (Steel), ft of West, Wilmington, Del.
Manitowoc Ship Building Co., Manitowoc, Wis.
McLean Contracting Co., ft. E. Fort av, Baltimore, Md.
Newport News Ship Building & Dry Dock Co. (Steel), Newport News, Va.
PITTSBURGH-DES MOINES STEEL CO. (Steel), 4th & Ross, Pittsburgh, Pa.
See adv index & branch offices at end of book
Southern Boiler & Tank Works Co. (Steel), Memphis, Tenn.
Union Iron Works Co. (Steel), 20th & Michigan, San Francisco, Cal.
Woodall Wm. E. & Co., ft. of Woodall, Baltimore, Md.

512— Barium

Foote Mineral Co. (Imp.), 107 No 19th, Phila., Pa.
Harshaw, Fuller & Goodwin Co. (Carbonate, Precipitated), Electric bldg, Cleveland, O.
McKesson & Robbins (Imp), 91 Fulton, New York
Port Morris Chemical Wks, 141st & Locust av, New York
Roessler & Hasslacher Chemical Co. (Nitrate), 100 William, New York
Wiarda John C. & Co. (Carbonate, Fluoride & Sulphate), 273 Greene, Brooklyn, N. Y.

512a— Barium Carbonate

See also Carbonate of Barytes
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.

CLINCHFIELD PRODUCTS CORP., 120

B'way, New York
See adv index at end of book
Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Port Morris Chemical Wks., 141st & Locust av, New York
Virginia Consolidated Chemical Corp., 100 Broadway, N. Y.

513— Barium Chloride

Block Chemical Wks, 85 Vesey, Newark, N. J.
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
See adv index at end of book
Katzenbach & Bullock Co. (Importers), Trenton, N. J.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Port Morris Chemical Wks, 141st st & Locust av, New York
Roessler & Hasslacher Chemical Co., 100 William, New York
Virginia Consolidated Chemical Corp., 100 Broadway, N. Y.

514— Barium Cyanide

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

515— Barium Hydrate

Chicago Copper & Chemical Co. (Barium Hydrate or Hydrate of Barytes), Western Union bldg, Chicago, Ill.
Klipstein A. & Co. (Imp), 644 Greenwich, New York
Roessler & Hasslacher Chemical Co., 100 William, New York

516— Barium Nitrate

Bischoff C. & Co. (Imp), 451 Washington, New York
Block Chemical Wks, 85 Vesey, Newark, N. J.
Chicago Copper & Chemical Co., Western Union bldg, Chicago, Ill.
CLINCHFIELD PRODUCTS CORP., 120 B'way, New York
See adv index at end of book

DU PONT E. I. de NEMOURS & CO.,

Wilmington, Del.
For branch offices see adv index at end of book
Marden, Orth & Hastings Co., 61 B'way, New York
Port Morris Chemical Works, 141st & Locust av, New York
Virginia Consolidated Chemical Corp., 100 Broadway, N. Y.

517— Barium Peroxide

Bischoff C & Co. (Imp), 451 Washington, New York
Katzenbach & Bullock Co. (Imp), Trenton, N. J.
Klipstein A. & Co. (Imp), 644 Greenwich, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

518—Barium Sulphate

Block Chemical Wks, 85 Vesey, Newark, N. J.
CLINCHFIELD PRODUCTS CORP., 120 Broadway, New York
See adv index at end of book
 Foote Mineral Co., 107 No 19th, Phila., Pa.
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York
 Virginia Consolidated Chemical Corp., 100 Broadway, N. Y.

519—Barium Sulphide

Block Chemical Wks, 85 Vesey, Newark, N. J.
CLINCHFIELD PRODUCTS CORPN. 120 Broadway, New York
See adv index at end of book
 Virginia Consolidated Chemical Corp., 100 Broadway, N. Y.

520—Bark (Mangrove)

Bauer Philip Co. (Imported), 68 Broad, New York
 Gravenhorst & Co. (Imp), 96 Wall, New York
 Haley-Hammond Co., 129 Pearl, New York
 Klipstein A. & Co. (Imported), 644 Greenwich, New York

521—Barn Equipments

Hudson & Thurber Co., Minneapolis, Minn.
 Hunt-Helm-Ferris & Co., Harvard, Ill.
 James Mfg. Co., Fort Atkinson, Wis.
 Loudon Machinery Co., Fairfield, Ia.
 Mitchell Mfg. Co., Milwaukee, Wis.
 Porter J. E. Co., Ottawa, Ill.

522—Barometers

American Thermo Ware Co. (Imp), 16 Warren, New York
 Bliss John & Co. (Imp), 128 Front, New York
 Chaney L. F. Co., Springfield, O.
 Draper Mfg. Co., 152 Front, New York
 Du Vivier Ernest H. (Dial & Recording), 30 Church, New York
 Elliott B. K. Co. (Aneroid), 126 6th, Pittsburgh, Pa.
 Freas Francis L., Conshohocken, Pa.
 Green Henry J. (Aneroid & Mercurial), 1191 Bedford av, Brooklyn, N. Y.
 Keuffel & Esser Co. (Aneroid), Hoboken, N. J.
 Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
 McCoy Joseph F. Co., 157 Chambers, New York
 Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.
PRECISION THERMOMETER & INSTRUMENT CO., 1434 Brandywine, Philadelphia, Pa.
 Queen-Gray Co., 618 Chestnut, Phila., Pa.
 Susseld, Lorsch & Co. (Imp), 90 Maiden Lane, New York
 Tagliabue Chas. J. Mfg. Co. (Aneroid & Mercury), 20 33d, Brooklyn, N. Y.
TAYLOR INSTRUMENTS COMPANIES ("Tycos" of All Kinds), Rochester, N. Y. *See adv index at end of book*
 Wagner Bros. & Co. (Importers), 71 W 23d, New York
 Wagner Carl H., 1944 N Albany av, Chicago, Ill.
 Weinhausen Hy., 159 Leonard, New York

Barrel Packers

See Packing Machines; also Bag Filling Machines

523—Barrels (Bilge)

See Barrels, Steel Shipping, with the Word Bilge Following Their Names

523a—*Barrels (Candy Miniature)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

524—Barrels (Chlorinating)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Worthington Pump & Machinery Corp., 115 B'way, New York

525-6—Barrels (Clean Up or Amalgam)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Worthington Pump & Machy. Corp., 115 B'way, New York

527—Barrels (Cyanide)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Worthington Pump & Machy. Corp., 115 B'way, New York

528—Barrels (Gasoline Underground Storage)

Meurer Steel Barrel Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.

528a—Barrels (Gun & Rifle)

Avis S. R. & Sons (Inc.), 198 Brown, New Haven, Conn.

529—Barrels (Japanning)

Baird Machine Co. (Also Tumbling Barrels), Bridgeport, Conn.
 Kraft A. C., 323 W Lake, Chicago, Ill.

530—Barrels (Oil)

Gulf Cooperage Co., Frick Annex, Pittsburgh, Pa.
 Kretschmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
 Panama Tank Co. (Corrugated Galvanized Steel), Carr av & I. C. R. R., New Orleans, La.
 Penna. Cooperage Co. (All Sizes & Styles), Oil City, Pa.
 Pressed Steel Products Co., Sharon, Pa.
 Toledo Steel Barrel Co., Corn Exchange bldg, Chicago, Ill.

531-2—Barrels (Plating & Galvanizing)

Boissier Electric Co., 205 W 19th, New York
 Crown Hardware Mfg. Co. (Mechanical Plating), 1101-21 Second, Dayton, O.
 Klauder-Weldon Machine Co. ("Acme," Oblique), Amsterdam, N. Y.
 L'Hommedieu Chas. F. & Sons Co. ("Reliance"), 24 S Clinton, Chicago, Ill.
 Munning-Loeb Co. ("Nonesuch"), Matawan, N. J.
 U. S. Electro Galvanizing Co. (Automatic Self Emptying), 280 Park av, Brooklyn, N. Y.

533—Barrels (Second-Hand)

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.
 Bridgeport Barrel Co., Inc., 487 Main, Bridgeport, Conn.
 du Pont E. I., de Nemours & Co. (By-Products Division), Wilmington, Del.
 Engel Bros., 1153 Center, Chicago, Ill.
 Heidt C. & Son, 64 Fairmount, Jersey City, N. J.
 Hempstead John, Waterford, N. Y.
 Kirk Joseph H. Co., 3105 Emerald av, Chicago, Ill.
 McArdle & Co., 906 W 38th pl, Chicago, Ill.
 Maguire Bros. Co. (Lime & Cement), 820 Girard av, New York
 Martin Bros. Co., Toledo, O.

534—Barrels (Sheet Steel Shop)

See also Barrels, Steel Shipping
 Butler Mfg. Co. (Welded Oil), Kansas City, Mo.
 Clark W. J. Co., Salem, O.
 Cleveland Wire Spring Co., Cleveland, O.
 Draper Mfg. Co., 3603 E 82nd, Cleveland, O.
 Kilbourne & Jacobs Mfg. Co., Columbus, O.
 Koven L. O. & Bro. (Also Half Barrels), 154 Ogden av, Jersey City, N. J.
 Kraft, A. C., 323 W Lake, Chicago, Ill.
 Kretschmer Mfg. Co., Council Bluffs, Ia.

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
 Mossberg Frank Co. (With or Without Casters), Attleboro, Mass.
 Nebraska & Iowa Steel Tank Co., Omaha, Neb.
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Ohio Galvanizing & Mfg. Co., Niles, O.
OHIO MFG. CO. (Foundry & Truck Barrels), P O Box 358, Plainesville, O.
See adv index at end of book
 Peoria Can Co. (For Sweeping Compounds, Coffee, Crackers, Powders of All Kinds, Plain or Decorated), Peoria, Ill.
 Pressed Steel Tank Co. (Seamless), 58th & Greenfield av, Milwaukee, Wis.
 S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
 Toledo Steel Barrel Co. ("Bull Dog"), Corn Exchange Bank bldg., Chicago, Ill.
 Welded Steel Barrel Corp. (Welded), Hart av & Charlevoix, Detroit, Mich.
 Wilson, Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

535—Barrels (Steam Drying)

Baird Machine Co. (Also Fanning Mills), Bridgeport, Conn.

536—Barrels (Steel Shipping)

See also Barrels, Sheet Steel Shop
 American Steel Package Co., Defiance, O.
 Brown Sheet Iron & Steel Works ("Brown Welded"), Berry & Pearl, Minneapolis, Minn.
 Butler Mfg. Co., 900 6th av, S E, Minneapolis, Minn.
 Chambers, Bering Quinlan Co. (Bilged), Decatur, Ill.
 Cleveland Steel Barrel Co., 9612 Meesh av, Cleveland, O.
 Detroit Range Boiler Co. ("Perfect" Bilge Type), 619 24th, Detroit, Mich.
 Draper Mfg. Co., 3603 E 82nd, Cleveland, Ohio
 Hutchins Car Roofing Co. (Drums), Ford bldg, Detroit, Mich.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

Hendricks' Commercial Register

Hydraulic Pressed Steel Co. (Seamless Steel), 3152 E 61st, Cleveland, O.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Kraft A. C. (Black & Galvanized), 323 W Lake, Chicago, Ill.
 Kretchmer Mfg. Co., Council Bluffs, Ia.
 Mahoning Steel Products Co., Warren, O.
 Meurer Steel Barrel Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.
 Metal Barrel Co. ("Hercules Welded"), Galesburg, Ill.
 Monarch Mfg. Co., Council Bluffs, Ia.
 National Enameling & Stamping Co. ("Nesco" Welded, Painted or Galvanized), 411 5th av, New York

OHIO CORRUGATING CO. WARREN, OHIO

Ohio Mfg. Co., P O Box 358, Painesville, O.
See adv index at end of book
 Peoria Can Co., Peoria, Ill.
 Pressed Steel Products Co. ("G-E-M," Steel Bilge Type), Sharon, Pa.
 Pressed Steel Tank Co. (Seamless Pressed), 58th & Greenfield av, Milwaukee, Wis.
 St. Louis Steel Barrel Corp'n, B'way, Benton & 9th, St. Louis, Mo.
 S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.
 SCAIFE, WM. B. & SONS CO., First Natl. Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York
See adv index at end of book
 Toledo Steel Barrel Co. ("Bull Dog"), Corn Exchange bldg, Chicago, Ill.
 Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.
 Whitaker-Glessner Co., Wheeling, W. Va.
 Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*
 Wilson & Bennett Mfg. Co. (Plain Steel or Galvanized), 58th av & W 66th, Chicago, Ill.

537—Barrels (Steel, Tin Lined)

Meurer Steel Barrel Co. ("Anchor"), 575 Flushing av, Brooklyn, N. Y.
 Trageser John Steam Copper Works (Block Tin Lined for Lacquers, etc), 447 W 26th, New York

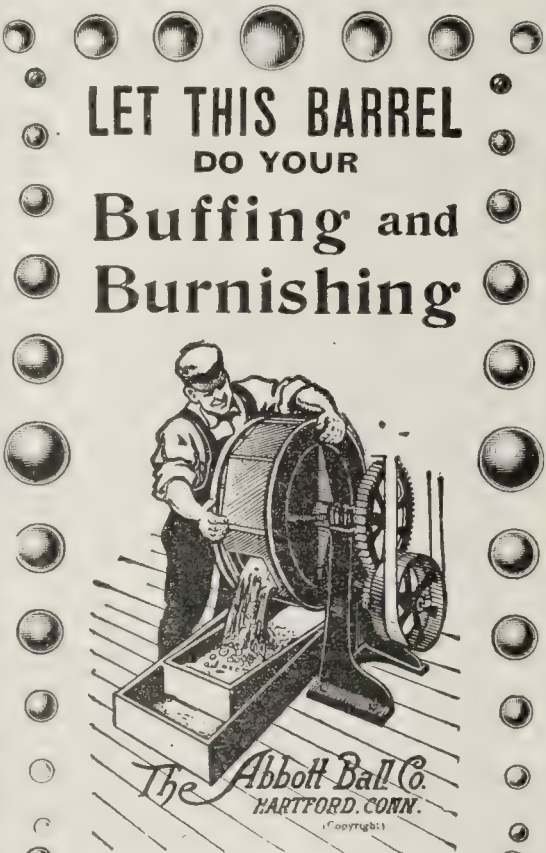
537a—*Barrels (Tack)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*

538—Barrels (Tumbling or Rumbling)

See also Mills, Tumbling; also Mills, Water Cinder; also Mills, Exhaust Tumbling
 ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
 ABBOTT BALL CO. ("Abbott," Steel Ball Process), Elmwood Station, Hartford, Conn. *See adv index at end of book*
 Arnold S. G. ("Guttman," Oblique), 2619 W Vanburen, Chicago, Ill.
 Baird Machine Co. ("Baird" Oblique Tilting, Dry, Wet & Steam Drying, etc), Bridgeport, Conn.
 Baltimore Cooperage Co., The, cor. Hanover & Creek, Baltimore, Md.
 Barnett Oscar Foundry Co. ("Barnett's" Hexagon), Irvington, N. J.
 Brass Founders Supply Co. (Tilting, Oblique Tumblers for Brass Fdrs., also Dry & Wet Tumblers), Hamburg pl, Newark, N. J.
 Falls Clutch & Machinery Co. (Foundry), Cuyahoga Falls, O.
 Foundry Equipment Co., Cleveland, O.
 Globe Machine & Stamping Co. ("Globe" Tilting; also Horizontal), 1250 W 76th, Cleveland, O.
 Henderson Bros., Waterbury, Conn.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 L'Hommiedieu Chas. F. & Sons Co., 24 S Clinton, Chicago, Ill.
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.

Middleditch Benj. (Tilting), Detroit, Mich.
 NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
 Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
 Peckham Mfg. Co. (For Dry Tumbling), 244 South, Newark, N. J.
 Royersford Foundry & Machine Co., Royersford, Pa.
 Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
 Standard Machinery Co., Providence, R. I.
 Tilghman-Brooksbank Sand Blast Co. ("Tilghmann" & "Matthewson"), 1126 S 11th, Philadelphia, Pa.
 Turner Vaughn & Taylor Co. (Chain & Nail, Nail Rattlers), Cuyahoga Falls, O.
 Wadsworth Core Machine & Equipment Co., Akron, O.
 Woodison E. J. Co. ("Allen" Water Tumbler), Detroit, Mich.



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We Like to Tell About It

The Abbott Ball Co.
 (Pioneers in Steel Ball Rolling)
 Elmwood Station, Hartford, Ct.

539—Barrels (Tumbling, Sand Blast)

Betton J. M. ("Drucklieb"), 26 Park pl, New York
 Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.
 Mac Leod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

540—*Barrels (Tumbling, Steel Ball)

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
 ABBOTT BALL CO. ("Abbott" for Burnishing & Polishing), Elmwood Station, Hartford, Conn.
See adv index at end of book
 Globe Machine & Stamping Co. ("Globe" for Burnishing), 1250 W 76th, Cleveland, O.

541—Barrels (Wire Thrashing)

Farrel Foundry & Machine Co., Ansonia, Conn.
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

542—*Barrels (Wood, Miniature)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

543—Barrels (Working)

Cook August D., Lawrenceburg, Ind.
 Hough Chas. N. Mfg. Co. (Cast Iron, Seamless, Cold Drawn Steel & Seamless Brass), Franklin, Pa.
 Jarecki Mfg. Co. (Plunger, etc), Erie, Pa.
 McDonald A. Y Mfg. Co., Dubuque, Ia.
 McGregor Working Barrel Co., Bradford, Pa.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Producers Supply Co., Franklin, Pa.

544—Barrows (Baggage & Express)

CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.
 Fairbanks Co., 416 Broome, New York
 Howe Scale Co., Rutland, Vt.
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Sidney Steel Scraper Co. (Wooden Frame), Sidney, O.
 Standard The Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
 Whitman Agricultural Co., 7000 S. B'way, St. Louis, Mo.

545—Barrows (Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.
 Anderson Fdy. & Machine Works, Anderson, Ind.
 Ashboro Wheelbarrow Co., Ashboro, N. C.
 Bryan Mfg. Co. (Steel Frame), P. O. Box D, Bryan, O.
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
 Freese E. M. & Co., Galion, O.
 International Clay Machinery Co., Dayton, O.
 Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
 Kilbourne & Jacobs Mfg. Co. (Steel & Wooden), Columbus, O.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Potts C. & A. & Co., 816 W Wash av., Indianapolis, Ind.
 Puffer-Hubbard Mfg. Co., 32nd av, S & 26th, Minneapolis, Minn.
 Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
 Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.
 Wellington Machine Co., Wellington, O.

Barrows (Charging)

See Barrows, Furnace Charging

546—Barrows (Coke)

Akron Cultivator Co. (Steel), Akron, O.
 American Steel Scraper Co., Sidney, O.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Bryan Mfg. Co., P O Box D, Bryan, O.
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
 Connellsville Iron Works ("Connellsville" Steel Angle), Connellsville, Pa.
 Connellsville Machine & Car Supply Co., Connellsville, Pa.
 Focht Geo. Sons, Hoboken, N. J.
 Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 McWhinnie Thos., Poughkeepsie, N. Y.
 Phillips, Doupe & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
 Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
 Sterling Wheelbarrow Co., Milwaukee, Wis.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Weimer Machine Works Co. (Standard Large Square, etc), Lebanon, Pa.

547—Barrows (Concrete & Mortar)

See also Carts, Concrete

Akron Cultivator Co., Akron, O.
 American Steel Scraper Co., Sidney, O.
 Ashboro Wheelbarrow Co., Ashboro, N. C.
 Biehl Iron Works, Inc., Reading, Pa.
 Bryan Mfg. Co., P O Box D, Bryan, O.
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book

Kilbourne & Jacobs Mfg. Co. ("Columbus"), Columbus, O.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Littleford Bros., 444 E Pearl, Cincinnati, O.
 McWhinnie Thos., Poughkeepsie, N. Y.
 Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
 Ohio Ceramic Engineering Co., Berea rd, Cleveland, O.
 Phillips, Doupe & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Puffer-Hubbard Mfg. Co. (Steel Tray, Steel Wheels, Wood Handles), 32d av S & 26th, Minneapolis, Minn.
 Ransome Concrete Machinery Co. (Steel), Dunellen, N. J.
 Sidney Steel Scraper Co. ("U. S."), Sidney, O.
 Standard The Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
 Sterling Wheelbarrow Co. ("Ajax," "Eureka," Self-Lubricating), Milwaukee, Wis.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Syracuse Chilled-Plow Co., Syracuse, N. Y.
 Toledo Wheelbarrow Co. ("Bull Frog" Steel Tray), 2400 B'way, Toledo, O.

Barrows (Contractors')

See Barrows, Various Kinds

548—Barrows (Folding, Steel Frame)

Bryan Mfg. Co., P. O. Box D, Bryan, O.

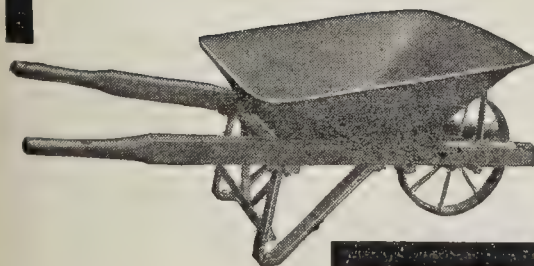
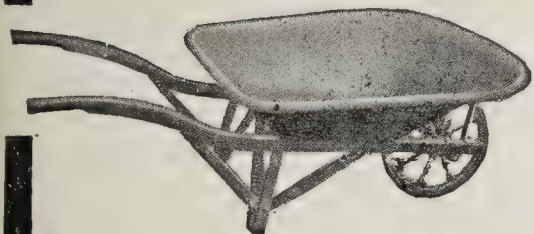
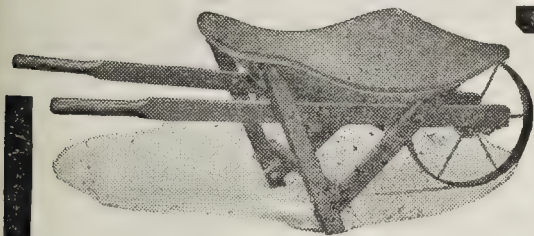
549—Barrows (Foundry)

See also Barrows, Furnace Charginas
 Akron Cultivator Co., Akron, O.
 American Steel Scraper Co., Sidney, O.
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Biehl Iron Works, Inc., Reading, Pa.
 Bryan Mfg. Co., P. O. Box D, Bryan, O.
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.

DOPP J. W. & CO. (Dealers), 1420 Dime Bank bldg, Detroit, Mich.
 Fairbanks Co., 416 Broome, New York.
 Focht Geo. Sons, Hoboken, N. J.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 McWhinnie Thos., Poughkeepsie, N. Y.
 Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
 Phillips, Doupe & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Sidney Steel Scraper Co., Sidney, O.
 Standard The Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
 Sterling Wheelbarrow Co. ("Sterling" All Steel Tubular Frame), Milwaukee, Wis.
 Stuebner G. L. Iron Works (Steel), Queensboro Terminal, Long Island City, N. Y.
See adv index & branch offices at end of book
 Syracuse Chilled Plow Co. (Steel Tray, Tubular), Syracuse, N. Y.
 Toledo Wheelbarrow Co. ("Bull Frog") 2400 B'way, Toledo, O.

550—Barrows (Furnace Charging)

Akron Cultivator Co. (Automatic Dump), Akron, O.
 Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Consolidated Iron Works, Hoboken, N. J.
 Focht Geo. Sons, Hoboken, N. J.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
 Kilbourne & Jacobs Mfg. Co., Columbus, O.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Martin & Heagy Mfg. Co., Elizabethtown, Pa.
 Petty J. K. & Co. (Lebanon Boiler Wks), (With Failers Axles), Stephen Girard bldg, Philadelphia, Pa.; Works: Lebanon, Pa.
 Phillips, Doupe & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Sidney Steel Scraper Co., Sidney, O.



JACKSON Wheel Barrows

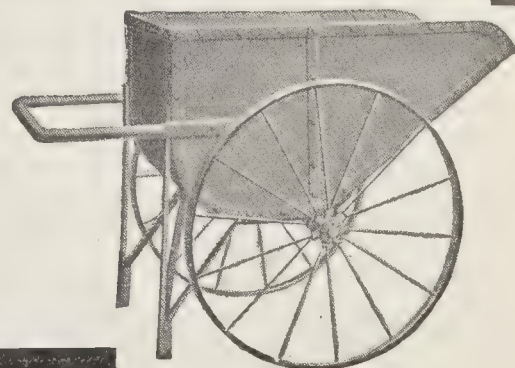
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STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.
Watt Mining Car Wheel Co., Barnesville, Ohio
Weimer Machine Works Co., Lebanon, Pa.

551— Barrows (Garden)

American Steel Scraper Co., Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Kilbourne & Jacobs Mfg. Co. ("K. & J." "Victor," etc), Columbus, O.
McWhinnie Thos. ("Hudson River," "Dutchess," "New 1903 Metropolitan"), Poughkeepsie, N. Y.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Puffer-Hubbard Mfg. Co. ("American"), 32d av & S 26th, Minneapolis, Minn.
Ross Bros. Co. ("Nuway"), 90 Front, Worcester, Mass.
Sidney Steel Scraper Co. ("U. S."), Sidney, O.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tanner D. F., Holland, N. Y.
Toledo Wheelbarrow Co. ("Toledo Clipper," etc), 2400 B'way, Toledo, O.
Zering H. Mfg. Co., 528 Reading rd, Cincinnati, O.

551a— Barrows (Hand)

JACKSON MFG. CO. (Steel), Harrisburg, Pa.
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.

552—Barrows (Locomotive Coal Station)

Akron Cultivator Co., Akron, O.
Archer Iron Works Co., 2436 W 34th pl, Chicago, Ill.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.

553—Barrows (Ore & Pig Iron)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co., Sidney, O.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Focht Geo. Sons, Hoboken, N. J.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co. (Bolted), Columbus, O.
Lakewood Engineering Co. (Steel), Cleveland, O.
See adv index at end of book
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Haslup"), Sidney, O.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Syracuse Chilled Plow Co. (Steel Tray Tubular), Syracuse, N. Y.

554— Barrows (Steel Tray)

Akron Cultivator Co., Akron, O.
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Steel Scraper Co., Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Blggs Boiler Works Co., Case av & Williams, Akron, O.
See adv index at end of book

Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Chicago Builders' Specialties Co., 11 So La Salle, Chicago, Ill.
Conner J. W. & Son ("Favarit"), Orangeville, Pa.
Eagle Machine Co., Lancaster, O.
Focht Geo. Sons, Hoboken, N. J.
Havana Metal Wheel Co., Havana, Ill.
JACKSON MFG. CO., Harrisburg, Pa.
See adv index at end of book
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Lansing Co., Lansing, Mich.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Miller E. S., Stanwood, O.
Miller & Coulson ("Long" Self-Dumping), Diamond Bank bldg, Pittsburgh, Pa.
New York Wheelbarrow Co., 180 West, New York
Nissen Geo. E. & Co., Winston-Salem, N. C.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
See adv index at end of book
Sellers Edward, Oak Hall Station, Pa.
Sidney Steel Scraper Co. ("Haslup"), Sidney, Ohio
Standard Mfg. Co., 41 Cortlandt, New York
Steel Basket Co. (For Coal), Cedar Rapids, Ia.
Sterling Wheelbarrow Co., Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, New York
See adv index at end of book
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

555—Barrows (Steel Tubular, Etc.)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co. (Solid Pressed Steel), Sidney, O.
Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
Biehl Iron Works, Inc., Reading, Pa.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Connellsville Machine & Car Supply Co., Connellsville, Pa.
Consolidated Iron Works, Hoboken, N. J.
Fairbanks Co., 416 Broome, New York
Focht Geo. Sons, Hoboken, N. J.
JACKSON MFG. CO. (Pressed Frames), Harrisburg, Pa.
See adv index at end of book
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lakewood Engineering Co. (Package, etc), Cleveland, O.
See adv index at end of book
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Phillips, Doup & Co. ("National," "Ideal," "Perfect"), 60 Pearl, Brooklyn, N. Y.
Puffer-Hubbard Mfg. Co., 32d av S & 26th, Minneapolis, Minn.
Sidney Steel Scraper Co. ("Haslup," "U. S." & "Sidney" Solid Pressed Steel), Sidney, O.
Steel Basket Co., Cedar Rapids, Ia.
Sterling Wheelbarrow Co. (Self Lubricating Wheels), Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog" & "Buckeye"), 2400 B'way, Toledo, O.
Western Iron Works, 141 Beale, San Francisco, Cal.

556— Barrows (Stone)

Akron Cultivator Co., Akron, O.
American Steel Scraper Co. (Steel Bottom, Wood Frame), Sidney, O.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
Kilbourne & Jacobs Mfg. Co. (Wood, Steel, also Steel Bottom), Columbus, O.
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
McWhinnie Thos., Poughkeepsie, N. Y.
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.

Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
Sidney Steel Scraper Co. ("Haslup," "U. S." & "Sidney" Steel Bottom), Sidney, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

557— Barrows (Track)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.

558— Barrows (Wooden)

American Steel Scraper Co., Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Ashboro Wheelbarrow Co., Ashboro, N. C.
Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Bryan Mfg. Co., P. O. Box D, Bryan, O.
Buch's A. Sons Co., Elizabethtown, Pa.
Chattanooga Wheelbarrow Co. ("Eureka"), Chattanooga, Tenn.
Chicago Builders' Specialties Co., 11 So La Salle, Chicago, Ill.
Defiance Box Co., Defiance, O.
Fairbanks Co., 416 Broome, New York
Jordan Wheelbarrow Co., Jordan, N. Y.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
McWhinnie Thomas, Poughkeepsie, New York
Martin & Heagy Mfg. Co. ("Climax"), Elizabethtown, Pa.
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.
Miller E. S., Stanwood, O.
N. Y. Wheelbarrow Co., 180 West, New York
Nissen Geo. E. & Co., Winston-Salem, N. C.
Patterson Mfg. Co., Holly, Mich.
Prescott Frank R. ("Peerless," "Victor," "Eureka," "Canal"), Meredith, N. H.
Puffer-Hubbard Mfg. Co., 32nd av S & 26th, Minneapolis, Minn.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
See adv index at end of book
Sidney Steel Scraper Co., Sidney, O.
Standard Mfg. Co., 41 Cortlandt, New York
Sterling Wheelbarrow Co., Milwaukee, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.
Union Mfg. & Lumber Co., Northville, Mich.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

559— Bars (Angle)

Bethlehem Steel Co., So. Bethlehem, Pa.
Braun J. G., 609 S Paulina, Chicago, Ill.
Cambria Steel Co., Widener bldg, Phila., Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Colorado Fuel & Iron Co., Denver, Colo.
Illinois Steel Co., 208 S La Salle, Chicago, Ill.
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
Interstate Iron & Steel Co., First Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book
Jones & Laughlin Steel Co. (Hot & Cold-Rolled), Ross, Pittsburgh, Pa.
Lackawanna Steel Co., Buffalo, N. Y.
Logan Iron & Steel Co., Morris bl, Phila., Pa.
Pardee C. Works, Perth Amboy, N. J.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

560— Bars (Arch)

American Bridge Co., 30 Church, New York
Bethlehem Steel Co., So. Bethlehem, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Fort Wayne Rolling Mills Corp., Ft. Wayne, Ind.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Valley Forging Co., Verona, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

561— Bars (Boring)

See also Cylinder Boring Machines
Becker Milling Machine Co., Hyde Park, Mass.

DIAMOND SPECIALTY & SUPPLY CO.
("Steinbrunn" Expansion for Car Wheels), Harrison bldg, Phila., Pa.

ELMES CHAS. F. ENGINEERING WORKS, (Inc.), Cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Gisholt Machine Co. (Adjustable Cutters, & Solid Cutters), Madison, Wis.

KELLY REAMER CO., 1553 Columbus rd, Cleveland, O. *See adv index at end of book*
Oliver Machinery Co., Grand Rapids, Mich.
Pedrick Tool & Mch. Co. (For Cylinders), 3642 N Laurence, Phila., Pa.

Rooksby E. J. & Co., 435 N 11th, Phila., Pa.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.

Union Tool Co. ("Hill"), Orange, Mass.
Universal Boring Machine Co., Hudson, Mass.

Wellman Co. (Extension), Medford, Mass.

562— Bars (Capstan)

New York Boat Oar Co., 69 West, New York

Oshkosh Mfg. Co., Oshkosh, Wis.

563— Bars (Carpenters', Etc.)

American Logging Tool Co., Evart, Mich.

Atha Tool Co., Chapel, Newark, N. J.

Beall Bros. (Inc.), Alton, Ill.

Bonner Tool Co., Champaign, Ill.

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*

Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.

Johnson W. (Hedenberg Works), Newark, N. J.

Krauter & Co., 583 18th av, Newark, N. J.

Marshalltown Trowel Co., Marshalltown, Ia.

Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.

Ohio Tool Co., Charleston, W. Va.

Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.

Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.

Warner Hammer Co., Cromwell, Conn.

Warren Tool & Forge Co., Warren, O.

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

Bars (Claw)

See Crowbar Mfrs.

564— Bars (Clothes)

See also Bars, Towel

Combination Ladder Co., 366 Fountain, Providence, R. I.

Eclipse Co., North Girard, Pa.

Gem Mfg. Co., North Girard, Pa.

Geneva Mfg. Co., Geneva, Ill.

Hopkins Frank & Co., North Girard, Pa.

Hopkins L. Mfg. Co., North Girard, Pa.

Martcross Co., 164 N Wabash av, Chicago, Ill.

Moulton C. W. H. Co., Somerville, Mass.

Penn Mfg. Co., North Girard, Pa.

Steinfeld Bros., 116 W 32nd, New York

Stokes Wm. A. & Co., 50 Howard, New York

Young Bros. Co., Worcester, Mass.

565— Bars (Commutator)

See also Commutators

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

Billings & Spencer Co. (Pure Copper Drop-forged), Hartford, Conn.

Buckeye Tempered Copper & Brass Co., Mansfield, O.

Cameron Electric Mfg. Co. (Segments & Assembled Commutators), Ansonia, Conn.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

Commutator Co., 121 N 1st, Minneapolis, Minn.

Electric Materials Co., North East, Pa.

Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.

Eureka Co., North East, Pa.

Homer Commutator Co., 4748 Hough av, N E, Cleveland, O.

Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.

Page-Storms Drop Forge Co. (Segments Drop Forged from Pure Unalloyed Copper), Chicopee, Mass.

Philadelphia Electrical & Mfg. Co. ("Penco" Copper Segments), 1236 N 31st, Phila., Pa.

Rome Brass & Copper Co. (Drawn Copper), Rome, N. Y.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Bars (Crow)

See Crowbar Mfrs.

Bars (Digging)

See Crowbar Mfrs.

566— Bars (Draw)

Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.

Pratt & Letchworth Co., Buffalo, N. Y.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

567— Bars (Extension)

Bettcher Mfg. Co., 6120 Clark av, S. W., Cleveland, O.

Crawford Co., 846 S Canal, Chicago, Ill.

Grabler Mfg. Co., 6565 B'way, Cleveland, O.

Skinner M. B. & Co. ("Handi Hanger"), 562 W Washington, Chicago, Ill.

568— Bars (Eye)

American Bridge Co., Frick bldg, Pittsburgh, Pa. & New York

Meehan Boiler & Construction Co. (Upset), Lowellville, O.

Phoenix Iron Co. (Upset), 410 Walnut, Phila., Pa.; Mills: Phoenixville, Pa.

569— Bars (Finger)

Cambria Steel Co. (Cold Rolled & Cold Harvester Steel), Widener bldg, Phila., Pa.

570— Bars (Gold & Silver Platers')

Riverside Metal Co., Riverside, N. J.

571— Bars (Grizzly)

Alloy Steel Forging Co., Carnegie, Pa.

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

571a— *Bars (Hammock)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

572— Bars (Handle)

(For Bicycles, Motor Cycles, etc.)

American Skate & Mfg. Co. ("Rollfast"), Reading, Pa.

Chicago Handle Bar Co., Shelby, O.

Reading Cycle Mfg. Co., Reading, Pa.

STANDARD PARTS CO. (Bicycle & Motorcycle), W 73rd, Cleveland, O.
See adv index at end of book

573— Bars (Hop & Post)

Munnsville Plow Co., Munnsville, N. Y.

574— Bars (Lining & Tamping)

See Crowbar Mfrs.

575— Bars (Low Phosphorus Melting)

Carter Iron Co., 307 5th av, Pittsburgh, Pa.

Samuel Frank ("Howe" & "Samuels"), Harrison bldg, Philadelphia, Pa.

575a— *Bars (Merchant Steel)

YOUNGSTOWN SHEET & TUBE CO. (Rounds & Squares, Angles, Flats), Youngstown, O.

Bars (Mine Spike)

See Crowbar Mfrs.

576— Bars (Mower Cutter)

Herschel R. Mfg. Co., Peoria, Ill.

577— Bars (Pinch)

See also Car Movers or Pushers Lead.

American Logging Tool Co., Evart, Mich.

Beall Bros. (Inc.), Alton, Ill.

Braunsdorf-Mueller Co. (Bricklayers'), Elizabeth, N. J.

Buffum Tool Co. ("Swastika," Packing House, Cane Shaped, Midget, etc.), South Side, Louisiana, Mo.

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*

Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.

Hardsoeg Mfg. Co. (Miners), Ottumwa, Ia.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

Ohio Tool Co., Charleston, W. Va.

Valley Forging Co., Verona, Pa.

Verona Tool Works (Locomotive), Oliver bldg, Pittsburgh, Pa., & Verona, Pa.

Warwood Tool Co. (Coal Miners, etc.), Warwood, Wheeling, W. Va.
See adv index at end of book

Webster Mfg. Co. ("Sheldon"), Tiffin, O.

What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

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What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

What Cheer Tool Co. ("What Cheer" Solid Steel), What Cheer, Ia.

Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Peters Jas. & Son (Fire Shutter Bars, Wrought Iron), 1934 N Front, Phila., Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought steel), New Britain, Conn.
See adv index at end of book
 Yale & Towne Mfg. Co., 9 E 40th, New York

583— Bars (Splice)

See also Braces, Rail
 Ames W. & Co. (Rail), Communipaw av, Jersey City, N. J.
 Bethlehem Steel Co., So. Bethlehem, Pa.
 Buckeye Rolling Mill Co., Steubenville, O. & Newark, O.
 Cambria Steel Co., Widener bldg, Phila., Pa.
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
 Colorado Fuel & Iron Co., Denver, Colo.
 Gulf States Steel Co., Birmingham, Ala.
 Illinois Steel Co., 208 S La Salle, Chicago Ill.
 Interstate Iron & Steel Co. (High Carbon Steel), 1st Nat'l Bank bldg, Chicago, Ill. *See adv index at end of book*
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
 Knoxville Iron Co. (For Small Rails), Knoxville, Tenn.
 Lackawanna Steel Co., Buffalo, N. Y.
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
 Sellers Mfg. Co. (Iron; also Sansom Bars), 332 S Michigan av, Chicago, Ill.
 Sweets Steel Co., Williamsport, Pa.
 Tredegar Co., Richmond, Va.

584— Bars (Swage)

Disston Henry & Sons (Inc.), Tacony, Phila., Pa.

585— Bars (Tamp, Mining)

Hardsocg Martin Co., N S, Pittsburgh, Pa.

586— Bars (Timber)

Atha Tool Co. (Forged), Chapel, Newark, N. J.

587— Bars (Towel)

American Ring Co., Waterbury, Conn.
 Bache Semon & Co. (Imp Glass), 636 Greenwich, New York
 Boston Mirror Co. (Crystal), 69 Sudbury, Boston, Mass.
 Bridgeport Wire Goods Co., East Port Chester, Conn.
 Cassady, Fairbank Mfg. Co., 6126 La Salle, Chicago, Ill.
 Church C. F. Mfg. Co., Holyoke, Mass.
 Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
 Columbus Brass Co. ("Columbus"), 538 Dublin av, Columbus, O.
See adv index at end of book
 Eclipse Co. ("Eclipse", "Eureka" Sleeve, etc), North Girard, Pa.
 Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Eustis J. P. & Co. ("Brasscrafters," Glass & Metal), Cambridge, Mass.
 Fanner Mfg. Co. (Metal), Cleveland, O.
 Forsyth Metal Goods Co., E Aurora, N. Y.
 Garden City Plating & Mfg. Co. ("Kutztown"), 1430 S Talman av, Chicago, Ill.
 Graham & Berwin (Glass), 107 Lafayette, New York
 Hutchins-Kilbourne Co. (3 Arm, Roller & Bars), Buffalo, N. Y.
 Novelty Mfg. Co. (Brass, Glass & Extension), Waterbury, Conn.
 Parker Charles Co., Meriden, Conn.
 Res Mfg. Co. ("Res" Roller, etc, Nickel Plated & Polished), 2907 Meinecke av, Milwaukee, Wis.
 Silver & Co., 304 Hewes, Brooklyn, N. Y.
 Star Brass Works Co. (Glass), Kansas City, Mo.
 Superior Brass Novelty Co. (Brass), 545 E 116th, New York
 Taplin Mfg. Co., New Britain, Conn.

Turner & Seymour Mfg. Co., Torrington, Conn.
 Van Houten E. J. S. (White Opal), 96 Park pl, New York

Bars (Transom)

See Metallic Sash Bars

588— Bars (Trapeze)

Hellenberg J. B. Co. (Also Horizontal & Doorway Bars & Indoor Wood Sporting Goods), Coldwater, Mich.

589— *Bars (Wood)

ESTES E. B. & SONS (Casket, Hammock, Spool, Towel, etc), 358 5th av, New York *See adv index at end of book*

Bars (Wrecking)

See Bars, Carpenters', Etc

590— Bars (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

591— Barytes

See also Carbonate of Barytes
 American Metal Co., 61 B'way, New York
 Barbour Chemical Works, 354 Pine, San Francisco, Calif.
 Carolina Barytes Co. (Miners & Millers), 101 Park av, New York
 Cherokee Chemical Co. (Pyrites), 109 Hollingsworth, Baltimore, Md.
CHRYSTAL CHARLES B. (Importers), 13 Cliff, New York
See adv index at end of book
 Coulston J. W. & Co. (Imported), 80 Maiden Lane, New York
 Daniels Willard B. (Imported), 252 Front, New York
 Doggett Stanley, 11 Cliff, New York
 Drakenfeld B. F. & Co. (Carbonate, Chromate & Sulphate, Imp), 59 Murray, New York
 Dunn & Kruse, 63 Park row, New York
 Finck J. C. Mine & Milling Co., 101 Barton, St. Louis, Mo.
 Gabriel & Schall (Imported Sulphate & Carbonate), 205 Pearl, New York
 Gilman Wm. D. Co. (Miners), 22 S 3rd, Phila., Pa.
 Hammill & Gillespie (Imported), 240 Front, New York
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Innes, Speiden & Co., Inc. (Imp), 46 Cliff, New York. *See adv index at end of book*
 Katzenbach & Bullock Co. (Imp), Trenton, N. J.
 Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
 Nulsen, Klein & Krausse Mfg. Co., Main & Sidney, St. Louis, Mo.
 Point Milling & Mfg. Co., Mineral Point, Mo.
 Product Sales Co., 32 S Calvert, Baltimore, Md.
 Salomon L. A. & Bro. (Imp Sulphate & Carbonate), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York
 Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
 Vanderbilt R. T. Co., 50 E 42d, New York
 Whittaker W. H. Co. (Imp), 250 Front, New York

592— Base Ball Base Plates

Goodrich B. F. Co. (Rubber), Akron, O.
 Spalding A. G. & Bros., 126 Nassau, New York
 Stall & Dean Mfg. Co. (Canvas), Brockton, Mass.
 Wrought Washer Mfg. Co., 46 S Bay, Milwaukee, Wis.

593—Base Ball Body Protectors

Goodrich B. F. Co., Akron, O.
 Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
 National India Rubber Co., Bristol, R. I.
 Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.
 Stall & Dean Mfg. Co., Brockton, Mass.
 Tyler Rubber Co., Andover, Mass.

594— Base Ball Mfrs.

Carr J. Base Ball Co., 660 Pacific, Brooklyn, N. Y.
 Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless"), 123 S Jefferson, Chicago, Ill.
 De Beer Jacob, Johnstown, N. Y.
 Draper Maynard Co., Plymouth, N. H.
 Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.
 Harwood H. & Sons, Natick, Mass.
 Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
 National Base Ball Mfg. Co. ("Allen"), Schenectady, N. Y.
 Peach J. A. ("Peach"), Gloversville, N. Y.
 Piper B. H. Co., Manchester, N. H.
 Rademaker H. & Sons, Grand Rapids, Mich.
 Rawlings Mfg. Co. ("Vacation," "Rawlings"), 23rd & Lucas av, St. Louis, Mo.
 Reach A. J. Co., Tulip & Palmer, Phila., Pa.
 Rogers Sporting Goods Co., Springfield, Mass.
 Spalding A. G. & Bros., 126 Nassau, New York
 Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
 Tryon Edw. K. Co. ("Tryon"), 611 Market, Phila., Pa.
 Victor Sporting Goods Co., Springfield, Mass.
 Young Geo. & Co., 715 S Western av, Chicago, Ill.

595—Bases (Battery Cut Out)

American Enamel Co., Neville, Providence, R. I.
 Bogert & Hopper, 67 Barclay, New York
ESTES E. B. & SONS (Also Moulded, Wooden & Switch), 358 5th av, New York *See adv index at end of book*
 Mutual Elec. & Mach. Co., 232 Fort W, Detroit, Mich.

596—Bases (Incandescent Lamp)

Bliss-Chester Co., 31 Mathewson, Providence, R. I.
 Bridgeport Brass Co., Bridgeport, Conn.
 Providence Base Works of General Electric Co., 43 Hospital, Providence, R. I.
 Waterbury Mfg. Co., Waterbury, Conn.
 White J. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.

596a— *Bases (Loving Cup)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

597— *Bases (Oil Cup)

LUNKENHEIMER CO. (Pressure-Oil Systems), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

597a— Bases (Porch Column)

Majestic Co., Huntington, Ind.

598— Bases (Post)

Canton Foundry & Machine Co., Canton, O.
 Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
 Ideal Hanger Co., Cleveland, O.

599— Bases (Switch)

Colgan Wm. H. Co. ("Rex"), West Newton, Mass.
 Continental Fibre Co. ("Bakelite-Dilecto," Fibre), Newark Centre, Del.
 Estes E. B. & Sons (Electric), 358 5th av, New York. *See adv index at end of book*
 Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.
 Hemming Mfg. Co., Garfield, N. J.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Lin-Stun Co., 5010 Glaster, Pittsburgh, Pa.
 O'Day Bros. (Slate), Hydeville, Vt.
 Pass & Seymour ("P & S"), Solvay, N. Y.
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
 Stone Base & Panel Co., Columbus, O.
 Weber Electric Co., Schenectady, N. Y.

600— Bases (Trolley)

Bayonet-Trolley-Harp Co., Springfield, O.
GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book

Holden & White, Fisher bldg, Chicago, Ill.
Holland Trolley Supply Co. (Ball Bearing), 1623 E 43rd, Cleveland, O.
Lord Mfg. Co. ("Sterling-Meaker" Roller Bearings), 105 W 40th, New York
NUTTALL R. D. CO. ("Union," "Standard"), McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Ohio Brass Co., Mansfield, O.
Trolley Supply Co. ("National," "Peerless," "Simplex" Roller Bearing), Canton, O.

601— Basins (Catch)

American Foundry & Mfg. Co. (Cast Iron), 11th & Herbert, St. Louis, Mo.
Aylward Sons Co., Neenah, Wis.
Burch Plow Works Co., Crestline, O.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co., Canton, O.
Columbian Iron Works, Chattanooga, Tenn.
Davies & Thomas Co., Catasauqua, Pa.
Decatur Foundry Furnace & Machine Co., Decatur, Ind.
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Duplex Mfg. & Foundry Co., Euclid, O.
Elkhart Iron Works ("Elkhart" Cast Iron Blow Off Gravel & Drainage), Elkhart, Ind.
Esterbrook's R. Sons ("Eserbrook"), 202 1st, Boston, Mass.
Galena Foundry & Machine Co., Galena, Kan.
Holbrook-Armstrong Iron Co., Racine, Wis.
Industrial Iron Works, Clinton, Mo.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
Madison Foundry Co. ("Acme"), 935 Addison rd, N E, Cleveland, O.
Meyer Foundry & Mfg. Co., South Bend, Ind.
Munnsville Plow Co., Munnsville, N. Y.
Parsons G. W. Co., Newton, Ia.
Rothe Jos. F. Foundry Co., Green Bay, Wis.
Sessions Foundry Co., Bristol, Conn.
Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.
Youngstown Foundry & Machine Co., Youngstown, O.

Basins (Wash)

See Enamel Ware Mfrs.
Also Tin Ware Mfrs.

602—Basket & Woven Articles

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

603— Baskets (Clothes)

Bailie Basket Co. (Rattan, Willow, etc), 82 Sudbury, Boston, Mass.
Ballou M. E. & Son Co., Becket, Mass.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Butler Basket Co. (Fine Splint Maple Reed, etc), Butler, Ind.
Huke Wm. Rattan & Willowware Mfg. Co., 1007 S 7th, St. Louis, Mo.
Peru Basket Co. (Splint, Reed, etc), Peru, Ind.
Steinfeld Bros. (Willow Baskets, Hampers, etc), 116 W 32d, New York
Thurwachter L. L. & Son (Hand-made, Willow, etc), 215 W Fayette, Syracuse, N. Y.

604— Baskets (Coal, Etc.)

American Commercial Corp. (Canvas), 120 B'way, New York
Butler Basket Co. (Bamboo, etc), Butler, Ind.
Edgerton Mfg. Co., Plymouth, Ind.
Excelsior Bag & Mfg. Co., Troy, N. Y.
Morris & Co. (Cotton Duck), Groveville, N. J.
Peru Basket Co. (Iron Bound, Bamboo, etc), Peru, Ind.
Sackett, H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Steel Basket Co. (Corrugated Steel), Cedar Rapids, Ia.

605-6—Baskets (Counter Display)

Burlington Willow Ware Shops, Burlington, Ia.
Hamblin & Russell Mfg. Co., Worcester, Mass.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Morgan Spring Co., Worcester, Mass.
Parker Wire Goods Co. (Wire), Worcester, Mass.
Peerless Wire Goods Co., Lafayette, Ind.
Progressive Wire Goods Co., 528 Commerce, Phila., Pa.
Rattan Mfg. Co. ("Sawyer Silent Salesman," "Rattan"), New Haven, Conn.
Wire Goods Co. (Wire), Worcester, Mass.
Woods-Sherwood Co., Worcester, Mass.

607— Baskets (Dipping)

See also Stoneware, Chemical
Driver-Harris Wire Co. ("Nichrome"), Harrison, N. J.
German American Stoneware Wks (Acid Proof), 50 Church, New York
Jelliff C. O. Mfg. Corp., Southport, Conn.
Knight Maurice A., East Akron, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
Smith John P. & Co. (All Metals), New Haven, Conn.
WRIGHT WIRE CO. (Steel & Brass Wire), Worcester, Mass.
See adv index at end of book

Baskets (Fibre)

See Baskets, Mill

608— Baskets (Flower)

Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Zinn Chas. & Co., 893 B'way, New York

609— Baskets (Frying)

See also Baskets, Wire
Andrews Wire & Iron Works, Rockford, Ill.
National Mfg. Co. ("Notwire"), Worcester, Mass.
Royal Mfg. Co., Denckla bl, Phila., Pa.
Wilson Mfg. Co., Niles, O.

610-11—Baskets (Galvanized Steel)

Atlantic Stamping Co. (Galvanized Iron), 156-180 Ames, Rochester, N. Y.
Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
Geuder, Paeschke & Frey Co., Milwaukee, Wis.
See adv index at end of book
Lisk Mfg. Co. (Ltd.) ("Lisk," Aluminum Galvanized), Canandaigua, N. Y.
National Enameling & Stamping Co., 411 5th av, New York
Republic Metalware Co., The, Buffalo, N. Y.
Rochester Can Co., Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Steel Basket Co. (Corrugated), Cedar Rapids, Ia.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling W. Va.

612—Baskets, Hampers & Touring Cases (Automobile)

A. Z. Co. (Metal Hampers), 527 W 56th, New York
Bailie Basket Co., 82 Sudbury, Boston, Mass.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops, Burlington, Ia.
Butler Basket Co., Butler, Ind.
Chicago Willowware Co., 542 E 47th, Chicago, Ill.
Fuller G. W. Co., Hartford, Conn.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Holbrook Raw Hide Co., 748 N Main, Providence, R. I.
Kroh C. Z. Mfg. Co., Toledo, O.
Leipzig A. (Inc.), 127 W 17th, New York
Morrison L. E. & Co., 27 W Washington, Indianapolis, Ind.
Nathan Novelty Mfg. Co., 88 Reade, New York
Niagara Auto Radiator Co. (Metal Hampers), 151 W 68th, New York
Peru Basket Co., Peru, Ind.
Post & Lester Co., Hartford, Conn.
Rattan Mfg. Co., New Haven, Conn.

Reliable Auto Parts Co. (Metal Hampers), 244 W 49th, New York
Rumpp C. F. & Sons (Luncheon Baskets), 5th & Cherry, Phila., Pa.
Taylor C. A. Trunk Works, 657 W Madison, Chicago, Ill.
Williams Mfg. Co. (Ash or Rattan), Northampton, Mass.
Winship W. W., 71 Summer, Boston, Mass

613— Baskets (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept), 504 Equitable bldg, Wilmington, Del.
Ballou M. E. & Son Co., Becket, Mass.
Burlington Basket Co. (Canvas, Rattan & Splint), Burlington, Ia.
Butler Basket Co. (Bamboo, etc), Butler, Ind.
Crane Bros., Westfield, Mass.
Cummings Josiah & Son ("Hub" Fibre), 657 Atlantic av, Boston, Mass.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.
Hardy Frank H. (White Oak), Andover, Mass.
Lane W. T. & Bro. (Canvas & Steel Frame), Poughkeepsie, N. Y.
Lansing Co., Lansing, Mich.
Leatheroid Mfg. Co., Kennebunk, Me.
Morris & Co (Cotton Duck), Groveville, N. J.
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.
Steel Basket Co. (Mounted on Casters), Cedar Rapids, Ia.
Williams Mfg. Co. (Bamboo or Oak, also Iron Strapped & Iron Wheels or Casters), Northampton, Mass.

614— Baskets (Rawhide)

Barlow John W. Co., Lawrence, Mass.
Holbrook Raw Hide Co., 748 No Main, Providence, R. I.

615— Baskets (Refrigerator)

Burlington Basket Co. ("Hawkeye"), Burlington, Ia.

616— Baskets (Satchel)

Burlington Basket Co., Burlington, Ia.

617— Baskets (Sheet Steel)

Erie Art Metal Co., Erie, Pa.
Hall Mfg. Co. ("Schoenheer"), Monticello, Ia.
Metal Office Furniture Co., Grand Rapids, Mich.
Steel Basket Co., Cedar Rapids, Ia.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), (Galvanized & Japanned), Wheeling, W. Va.

618— Baskets (Stave)

Burlington Basket Co., Burlington, Ia.
Butler Basket Co. (Elm, etc, Bushel, etc), Butler, Ind.
Farmers Mfg. Co., Norfolk, Va.
New Albany Box & Basket Co., New Albany, Ind.
Peru Basket Co., Peru, Ind.

619— Baskets (Waste Paper)

See also Baskets-Mill; Sheet Steel; Wire
American Vulcanized Fibre Co. ("Vul-Cot" Hard Fibre), 504 Equitable bldg, Wilmington, Del.
Andrews Wire & Iron Works (Wire), Rockford, Ill.
Art Metal Construction Co., Jamestown, N. Y.
Barbee Wire & Iron Works (Wire), 170 N Dearborn, Chicago, Ill.
Burlington Basket Co., Burlington, Ia.
Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
Crane Bros. (Fibre), Westfield, Mass.
Derby Desk Co. (Wood), Somerville, Mass.
Diamond State Fibre Co. (Fibre), Elsmere, Del.

Duggan-Rider Co. (Cold Rolled Steel, Oxidized, Copper or Brushed Brass), Erie, Pa.
 Erie Art Metal Co. ("Dan-Dee" Fireproof), Erie, Pa.
 Fireproof Furniture & Construction Co., Miamisburg, O.
 Franke George Sons Co. (Paper), 112 So Eutaw, Baltimore, Md.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Heywood Bros. & Wakefield Co. (Reed), Gardner, Mass.
 Huke Wm. Rattan & Willow Ware Mfg. Co. (Rattan & Willow), 1009 S 7th, St. Louis, Mo.
 Hutchins-Kilbourne Co. (Wire), Buffalo, N. Y.
 Massillon Wire Basket Co. ("Daisy"), Massillon, Ohio
 National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
 Norwich Wire Works, Norwich, N. Y.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Peerless Wire Goods Co., Lafayette, Ind.
 Peru Basket Co. (Bamboo & Splint), Peru, Ind.
 Progressive Wire Goods Co. (Wire), 528 Commerce, Phila., Pa.
 Rochester Can Co. (Steel), Rochester, N. Y. *See adv index at end of book*
 Spiro C. Mfg. Co., 68 E 131st, New York York
 Standard Fibre Co. (Hard Fibre), Miller, Somerville, Mass.
 Standard Wire Co. (Wire), New Castle, Pa.
 Steinfeld Bros. (Willow Ware), 116 W 32d, New York
 Stow & Davis Furniture Co., Grand Rapids, Mich.
 Tatum Sam'l C. Co. (Wire), Colerain av & Monmouth Camp, Cincinnati, O.
 Williams Mfg. Co. (Rattan, etc.), Northampton, Mass.
 Wire Goods Co. (Wire), Worcester, Mass.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
 Wire & Metal Wares Co. (Steel), Erie, Pa.
 Woods-Sherwood Co. (Wire), Worcester, Mass.

620—Baskets (Willow, Trout)

Basket Importing Co., 119 W 23d, New York
 Krauss & Co., 11 W Houston, New York
 Leipzig A. (Inc.), 127 W 17th, New York
 Zinn Chas. & Co., 893 B'way, New York

621—Baskets (Willow & Split)

Burlington Willow Ware Shops ("Willow Ware"), Burlington, Ia.
 Omaha Reed & Rattan Co., Omaha, Neb.
 Rattan Mfg. Co., New Haven, Conn.

622—Baskets (Wire)

Andrews Wire & Iron Works, Rockford, Ill.
 Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
 Columbus Wire & Iron Wks. Co. (Canners), Columbus, O.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Hibbard Basket Works, South Butler, N. Y.
 Hutchins-Kilbourne Co., Buffalo, N. Y.
 Jelliffe C. O. Mfg. Corp. ("Ferrocral" Heat Treating), Southport, Conn.
 Krauss & Co., 11 W Houston, New York
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Leipzig A. (Inc.), 127 W 17th, New York
 Massillon Wire Basket Co., Massillon, O.
 Metropolitan Basket Co., 151 Spring, New York
 Morgan Spring Co., Worcester, Mass.
 National Mfg. Co. ("Natwire"), Worcester, Mass.
 Norwich Wire Works, Norwich, N. Y.
 Parker Wire Goods Co. (Counter, Letter, Mail, Sponge, Toilet Paper, Waste Paper, Frying, etc), Worcester, Mass.
 Peerless Wire Goods Co., Lafayette, Ind.
 Progressive Wire Goods Co. (And Office Wire Goods), 528 Commerce, Phila., Pa.
 Racine Iron & Wire Works (Hanging), Racine, Wis.
 Ruhmann G. E., Schulenburg, Texas.

SMITH F. P. WIRE & IRON WORKS,
 Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Smith John P. & Co., New Haven, Conn.
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
 Standard Wire Co., New Castle, Pa.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
 Union Steel Products Co., Ltd., Albion, Mich.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
 Wisconsin Iron & Wire Wks., Milwaukee, Wis.
 Woods-Sherwood Co. (Counter, Desk, Sponge, Fruit, Twine, Waste Paper, etc), Worcester, Mass.

623—Baskets (Wooden Market)

Burlington Basket Co., Burlington, Ia.
 Bryant John T., Springfield, O.
 Farmers Mfg. Co., Norfolk, Va.

624—Basofor

Waldo E. M. & F., 11 B'way, New York

625—Basswood

Black Robt. & Co., Bay City, Mich.
 Doud Sons & Co., Winona, Minn.
 Dulweber Jno. Co., Findlay & McLean, Cincinnati, O.
 Dwight Lumber Co., Detroit, Mich.
 Elias G. & Bro., 965 Elk, Buffalo, N. Y.
 Grand Rapids Veneer Works, Grand Rapids, Mich.
 Goodwillie Bros., 10 La Salle, Chicago, Ill.
 Jones Hardware Co., 33 Broad, Boston, Mass.

626—Batch Mixing Plants

Heyl & Patterson, 51 Water, Pittsburgh, Pa.
 Werner & Pfeiderer Co., Saginaw, Mich.
See adv index at end of book

627—Bath Cabinets (Thermal, Etc.)

Buffalo Bath Cabinet Co., 435 William, Buffalo, N. Y.
 Cabinet Mfg. Co. ("Superior"), Quincy, Ill.
 Goethel Alex. G., 818 Winnebago, Milwaukee, Wis.
 New York Bath Mfg. Co. (Vapor), 103 Chambers, New York
 Robinson Cabinet Mfg. Co., Toledo, O.
 Toledo Cooker Co. ("Ideal" Vapor), Toledo, O.
 World Mfg. Co., 120 W 3d, Cincinnati, O.

628—*Bath (Oil Tempering)

GENERAL ELECTRIC CO. ("Electric"), Schenectady, N. Y.
See adv index at end of book
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

629—*Bath Room Cabinets (Metal, with Mirrors & Glass Shelves)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

630—Bath Room Fixtures & Furnishings

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
 American Brass & Copper Co. (Full Line), 138 Lafayette, New York
 American Ring Co., Waterbury, Conn.
 Anderson Geo. H. & Co. (Plate Glass, Towel Bars, Shelves, etc), 1467 W Austin av, Chicago, Ill.
 Art Brass Co. ("San-o-la" Cast & Stamped Brass), 299 E 134th, New York
 Badger Brass Mfg. Co., Kenosha, Wis.
 Barrett Jas. Mfg. Co., 117 Pearl, Boston, Mass.
 Bay Ridge Specialty Co. ("All White" Vitreous China), 5613 First av, B'klyn, N. Y.
 Behrer & Co., 81 Beekman, New York
 Blessing C. A., 518 Montgomery av, Phila., Pa.
 Bloom Flusher Co. (Closet & Shower Bath Attachments), Tiffin, O.

Boston Mirror Co. (Mirrors, Glass Shelves, Medicine Cabinets, etc), 69 Sudbury, Boston, Mass.
 Brey & Krause Mfg. Co., Allentown, Pa.
 Buffalo Mfg. Co. (Soap & Sponge Holders, Towel Racks, etc), Buffalo, N. Y.
 Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
 Church C. F. Mfg. Co. (White Pyralin), Holyoke, Mass.
 Clarke Robert, 100 Schermerhorn, Brooklyn, N. Y.
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.
 Dayton Mfg. Co., Dayton, O.
 Dearborn Brass Co., Cedar Rapids, Ia.
 Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
 Diamond Mfg. Co., Detroit, Mich.
 Douglas Jno. Co., Carthage, Cincinnati, O.
DU PONT E. I. DE NEMOURS & CO. (The Arlington Works) (Specialties), 725-27 Broadway, New York
 Eastern Specialty Mfg. Co., Scranton, Pa.
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
 Edwardsville Brass Co. (Soap Cups, Tumbler-Holders, Comb & Brush Trays, Bath Seats, etc), Edwardsville, Ill.
 Eustis J. P. Mfg. Co. ("Brasscrafters," Soap Dishes, Towel Bars, Mirrors, Medicine Cabinets, etc), Cambridge, Mass.
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.
 Forsyth Metal Goods Co. (Towel Bars, Tumbler Holder, Comb & Brush Shelf, Soap Tray, etc), E. Aurora, N. Y.
 Foster Merriam & Co., Meriden, Conn.
 Frost Mfg. Co., Kenosha, Wis.
 Galard Co. ("Omala"), 335 6th av, Newark, N. J.
 Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
 Gaynor Mfg. Co., Bridgeport, Conn.
 Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av., Phila., Pa.
 Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
 Haydenville Co., Haydenville, Mass.
 Heap Wm. & Sons, Grand Haven, Mich.
 Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
 Humphries Mfg. Co., Mansfield, O.
 Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Landers, Frary & Clark ("Universal"), New Britain, Conn.
 McCambridge Co., 20th & Wood, Phila., Pa.
 Manhattan Brass Co., 333 E 26th, New York
 Manning, Bowman & Co., Meriden, Conn.
 Metal Crafters, East Stroudsburg, Pa.
See adv index at end of book
 Morgan Spring Co. (Towel Brackets & Soap Dishes), Worcester, Mass.
 Mott J. L. Iron Works, Trenton, N. J.
 Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 National Mfg. Co. ("Natwire"), Worcester, Mass.
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Novelty Mfg. Co. ("Wilwear" Trimmings, Soap Dishes, Backs, etc), Waterbury, Conn.
 Paragon Brass Mfg. Co., 1221 Superior, Cleveland, O.
 Park & McKay, 55 Bagley av, Detroit, Mich.
 Parker Chas. Co., Meriden, Conn.
 Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
 Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
 Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
 Searls Mfg. Co. ("Palette Brand," "Star Brand"), 29 Mulberry, Newark, N. J.
 Sillocks-Miller Co. ("Celluvarno"), South Orange, N. J.

Smith E. C. Mfg. Co., 120 N Union, Chicago, Ill.
 Speakman Supply & Pipe Co. (Cocks, Faucets, Bath Fixtures, etc), 30th & Spruce, Wilmington, Del.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Stephenson C. H. ("Stephenson" Towel Rods, Medicine Cabinets, Soap & Sponge Holders), Lynn, Mass.
 Sternau S. & Co., 160 John, Brooklyn, N. Y.
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
 Superior Brass Novelty Co. (Brass), 545 E 116th, New York
 Sweeney W. H. Mfg. Co. (Soap Dishes, Towel Bars, Brush & Tumbler Holders, etc), 30 Main, Brooklyn, N. Y.
 Trenton Brass & Machine Co., Trenton, N. J.
 Waterbury Mfg. Co. (Bath Sprays, etc), Waterbury, Conn.
 Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
 Wolverine Brass Works (Towel Bars, Soap Cups, etc), Grand Rapids, Mich.

Bath Tubs (Ceramic)

See Bath Tubs, Porcelain

631— Bath Tubs (Copper)

See also Boilers, Copper Range

Blessing C. A., 516 Montgomery av, Phila., Pa.
 Detroit Tank & Seat Co., Detroit, Mich.
 Fleck Bros. Co., 44 N 5th, Phila., Pa.
 Johnson J. D. Co., 43 Boerum pl, Brooklyn, N. Y., & 54 Cliff, New York
 Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
 Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

632—Bath Tubs (Enameled Iron)

Cahill Iron Works ("Southern Beauty"), Chattanooga, Tenn.
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Humphries Mfg. Co. (Porcelain Enameled), Mansfield, O.
 Iron City Sanitary Mfg. Co., Oliver bldg, Pittsburgh, Pa. Works: Zelienople, Pa.
 Kohler Co. ("Sovereign," "Imperial"), Sheboygan, Wis.
 Lipp Louis Co., Winton pl, Cincinnati, O.
 McVay-Walker Co. ("Seneca," "Mendota," "Winona," "Narco"), Braddock, Pa.
 Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Peck Bros. & Co., New Haven, Conn.
 Richmond Radiator Co., 1480 B'way, New York
 Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Union Sanitary Mfg. Co., Noblesville, Ind.
 United States Sanitary Mfg. Co., Arrott bldg, Pittsburgh, Pa., & Monaca, Pa.
WEISKITTEL A. & SON CO., 12th & E Lombard, Baltimore, Md.
 Wheeling Sanitary Mfg. Co. ("Porcelain," Enameled Iron), Wheeling, W. Va.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

633— Bath Tubs (Folding)

Acme Folding Boat Co., Miamisburg, O.
 Davol Rubber Co. ("Robinson" Rubber), 69 Point, Providence, R. I.
 New York Bath Mfg. Co., 103 Chambers, New York

634—Bath Tubs (Galvanized Steel Enameled)

Columbian Steel Tank Co., 1605 W 12th, Kansas City, Mo.
 Detroit Tank & Seat Co., Detroit, Mich.
 Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

635— Bath Tubs (Infants')

Central Stamping Co., 174 Fulton, New York
GEUDER, PAESCHKE & FREY CO. (Galvanized, Japanned & Enameled Sheet Iron), Milwaukee, Wis.
See adv index at end of book
 Iron City Sanitary Mfg. Co., Oliver bldg, Pittsburgh, Pa.
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 Lisk Mfg. Co. (Ltd.) ("Lisk" Anti-Rust), Canandaigua, N. Y.
 Monument Pottery Co., Trenton, N. J.
 Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 National Enameling & Stamping Co., 411 5th av, New York
 Standard Sanitary Pottery Co., Elizabeth, N. J.
 Trenton Fire Clay & Porcelain Co., Trenton, N. J.
 Trenton Potteries Co., Trenton, N. J.
 Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

636— Bath Tubs (Porcelain)

Cahill Iron Works, Chattanooga, Tenn.
 Fords Porcelain Works, Perth Amboy, N. J.
 Monument Pottery Co., Trenton, N. J.
 Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Trenton Potteries Co. Trenton, N. J.

637—Bath Tubs (Sheet Steel)

Butler Mfg. Co., Kansas City, Mo.
 Detroit Tank & Seat Co., Detroit, Mich.
 Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

Bath Tubs (Slate)

See Laundry Tubs, Slate

638— Bath Tubs (Tin)

Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.
 Central Stamping Co., 172 Fulton, New York
 Dover Stamping & Mfg. Co. ("Enameled White Inside"), Cambridge, Mass.
 McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
 National Enameling & Stamping Co., 411 5th av, New York

639— Bathing Suit Mfrs.

Alberta Knitting Mills, Lenta & Armat, Gtn, Phila., Pa.
 American Hosiery Co., New Britain, Conn.
 American Knitting Co., Honesdale, Pa.
 American Knitting Co., Waltham, Mass.
 American Knitting Mills, Central Tr. bldg, Phila., Pa.
 Anchor Knitting Mills, Cohoes, N. Y.
 Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.
 Brown Knitting Co., Warsaw, N. Y.
 Cache Knitting Works, Logan, Utah
 Canasawacta Knitting Co., Sherburne, N. Y.
 Carlton Mills Co., Coral & Adams, Phila., Pa.
 Chapman Knitting Mills, 68 E 131st, New York
 Colonial Knitting Mills, 291 Essex, Brooklyn, N. Y.
 Crescent Company, 53 E 21st, New York
 Crossingham Knitting Mills, 243 Ashmead, Gtn, Phila., Pa.
 Elboeuf Knitting Co., Utica, N. Y.
 European Knitting Mills, 80 Manhattan av, Brooklyn, N. Y.
 Florence Knitting Mills, Lehigh & Mutter, Phila., Pa.
 Fruchthendler L. & Co., 616 E 5th, New York
 Gantner & Matten Co., Grant av & Post, San Francisco, Cal.
 Germania Knitting Works, 440 Canal, New York
 Gotham Knitting Mills, 30 W 21st, New York
 Hutton Mfg. Co., 44 N 3d, Phila., Pa.
 Hygienic Fleeced Underwear Co., 2415 Howard, Phila., Pa.
 Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.
 Illinois Knitting Mills, 640 B'way, Brooklyn, N. Y.

Levin Wm., 204 Canal, New York
 Levine & Co., 291 Essex, Brooklyn, N. Y.
 Long Island Knitting Mills Co., 335 Throop av, Brooklyn, N. Y.
 Mendelson Herman, 159 Court, Brooklyn, N. Y.
 Michigan Knitting Co., Lansing, Mich.
 National Knitting Works Co., 1967 E 57th, Cleveland, O.
 Nehrich R. B., 1260 B'way, Brooklyn, N. Y.
 N. Y. Knitting Mills, 141 Wooster, New York
 Newark Knitting Works, 587 S 10th, Newark, N. J.
 Noon E. & Son, 4019 Gtn av, Phila., Pa.
 North American Knitting Mills, 435 B'way, Brooklyn, N. Y.
 Nostrand Knitting Mills, 1287 Madison, Brooklyn, N. Y.
 Novelty Knitting Co., Woonsocket, R. I.
 Nusbaum D. & Co., 341 5th av, New York
 Ocean Bathing Suit Co., 116 W 23rd, New York
 Osborne Wm., 1116 W Montgomery av, Phila., Pa.
 Passaic Knitting Works, Garfield, N. J.
 Pfister J. J. Knitting Co., P. O. Sta. A., Berkeley, Cal.
 Progressive Knitting Works, 422 S 5th, Brooklyn, N. Y.
 Roper Bros. Co., Needham Heights, Mass.
 Rosen Knitting Mills, 441 Blake av, Brooklyn, N. Y.
 Salt Lake Knitting Works, Salt Lake City, Utah
 Somerset-Knitting Co., 1 Station, Boston, Mass.
 Spicer John, 84 Woodbine, Brooklyn, N. Y.
 Stall & Dean Mfg. Co., Brockton, Mass.
 Starr Hyman, 79 E 130th, New York
 Starrels, Morris & Co., 2122 E Dakota, Phila., Pa.
 Suffolk Knitting Co., East Boston, Mass.
 Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
 Treinis Bros., 126 13th, Brooklyn, N. Y.
 Vassar Knitting Works, Bay City, Mich.
 Webber Geo. F. (Hand Knit), Detroit, Mich.
 West Branch Knitting Co., Milton, Pa.
 Western Knitting Mills, 215 4th av, Bklyn, N. Y.
 Wye Geo. E. Co., Needham, Mass.
 Wye Wm. H. & Co., Needham, Mass.

640—Baths (Blotter or Copying Cloth)

Adams Mfg. Co., 2230 Market, Phila., Pa.
 Eureka Blotter Bath Co. ("Eureka"), 6221 Wentworth av, Chicago, Ill.
 Spurgin Mfg. Co., 304 W 69th, Chicago, Ill.

641— Baths (Electric Light)

Burdick Cabinet Co., 15 E Washington, Chicago, Ill.
 Edmands Walter S., 134 Congress, Boston, Mass.
 Metropolitan Engineering Co., 35 Vestry, New York
 Ten Broeck & Huber, 214 E 23rd, New York

642—Baths (Needle & Shower)

American Brass & Copper Co., 138 Lafayette, New York
 Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.
 Douglas Jno. Co., Carthage, Cincinnati, O.
 Edwardsville Brass Co., Edwardsville, Ill.
 Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
 Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Imperial Brass Mfg. Co. ("Ingham" Shower Mixer), 524 S Racine av., Chicago, Ill. *See adv index at end of book*
 McCambridge Co., 20th & Wood, Phila., Pa.
 McElraevy & Hauck Co. (Enameled Iron & Solid Porcelain Nickel Plated Shower), 440 B'way, Brooklyn, N. Y.
 Meyer-Sniffen Co., 11 W 36th, New York
 Mott J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book

Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Paragon Brass Mfg. Co. ("Paragon"), 1221 Superior, Cleveland, Ohio
 Peck Bros. & Co., New Haven, Conn.
 Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.
 Rundel-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
 Space-Saving Appliance Co. ("Space-Saving," Shower), 30 Sullivan, New York
 Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

643—Baths (Plunge & Shower, for Ships)

Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.

644—Baths (Portable Shower)

Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
 Edwardsville Brass Co., Edwardsville, Ill.
 Elgin Brass Co., 92 John, New York
 Eustis J. P. Mfg. Co. ("Brass Crofters"), Cambridge, Mass.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Weiskittel A. & Son Co. ("Luxuria"), 12th & E Lombard, Baltimore, Md.
 Wolverine Grass Works, Grand Rapids, Mich.

645—Baths (Tinning)

Sperry D. R. & Co., Batavia, Ill.

646—Bats (Baseball)

Bogert & Hopper, 67 Barclay, New York
 Brinser E. C. Sons ("Richmond"), Richmond, Va.
 Chicago Sporting Goods Mfg. Co. ("Ratsch-Peerless"), 123 S Jefferson, Chicago, Ill.
ESTES E. B. & SONS, 358 5th av, New York
See adv index at end of book
 Goldsmith's P. Sons, John Findlay & Charlotte, Cincinnati, O.
 Granberg Emil, St. Louis, Mo.
 Hickson-Rogers Mfg. Co., Paragould, Ark.
 Hillerich J. F. & Sons Co. ("Louisville Slugger"), Louisville, Ky.
 Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.
 Peach J. A. ("Peach"), Gloversville, N. Y.
 Piper B. H. Co., Manchester, N. H.
 Prouty C. & Co., Eldred, Pa.
 Rademaker H. & Sons, Grand Rapids, Mich.
 Saginaw Wood Products Co., Gaylord, Mich.
 Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
 Spalding A. G. & Bros., 126 Nassau, New York
 Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.
 Tryon Edw. K. Co. ("Old Hickory"), 611 Market, Philadelphia, Pa.
 Wright & Ditson, 344 Washington, Boston, Mass.
 Zimmerman J. N., Owosso, Mich.

647—Battens (Metallic)

Metallic Batten Co., Owensville, Ind.
 Shraner & Johnson, Atlantic, Ia.

Batteries (Automobile)

See Batteries, Dry; also Batteries, Storage

648—Batteries (Blasting)

See also Blasting Fuse, Caps, Etc.

Burton Powder Co., Empire bldg, Pittsburgh, Pa.
du PONT E. I., de NEMOURS & CO. (See also Blasting Supplies), Wilmington, Del.

For branch offices see adv index at end of book

National Carbon Co. ("Columbia," "Hercules," "Columbia Ignitor"), Cleveland, O.
 Star Electric Fuse Works ("Lilliput," "Push-Down"), Wilkes-Barre, Pa.

Batteries (Closed Circuit)

See Batteries, Open & Closed Circuit

649—Batteries (Diffusion)

Dyer Co., 2031 Euclid av, Cleveland, O.
 Hassell Iron Works Co., Colorado Springs, Colo.
 Kilby Mfg. Co., 4623 Lakeside av, N E, Cleveland, O.
 Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
 Pusey & Jones Co., ft. Poplar, Wilmington, Del.
 Stearns-Roger Mfg. Co., Denver, Colo.
 Swenson Evaporator Co. (Circular), 53 W Jackson blvd, Chicago, Ill.
 Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.

650—Batteries (Dry)

Allen Machine Works, Miamisburg, O.
 American Carbon & Battery Co. ("American"), Signal Hill, East St. Louis, Ill.
 American Elec. Battery Wks, 116 Wooster, New York
 American Ever Ready Works ("Ever Ready"), Thompson av, Long Island City, New York
 Badger Gas & Gasoline Engine Co., Kansas City, Kan.
 Bright Star Battery Co. ("Mar-Stun"), 316 Hudson, New York
 Bunnell J. H. & Co. ("Jove," "Standard," "Mascot"), 32 Park pl, New York
 Burgess Battery Co., Madison, Wis.
 Burn-Boston Battery & Mfg. Wks, 134 State, Boston, Mass.
 Burnley Battery & Mfg. Co. ("Burnley"), North East, Pa.
 Campion Carbon Co., 1st Natl. Bank bldg, Cincinnati, O.
 Chloride of Silver Dry Cell Battery Co., 407 N Paca, Baltimore, Md.
 Eastern Carbon Works ("Hercules," "High Grade," "Gas Engine," "Atlantic"), 580 Henderson, Jersey City, N. J.
 Electric Goods Mfg. Co. ("Sammon," Semi-Dry), Canton, Mass.
 Electric Mfg. Co. ("Emco" Sealed), 166 W 6th, St. Paul, Minn.
 Enterprise Elec. Novelty Co., 137 Greene, New York
 Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.
 Flashlight Battery Co., 131 Wooster, New York
 French Battery & Carbon Co. ("Fleur-de-Lis"), Madison, Wis.
 Harper Fred D. ("Masda" & "Secret Service" for Flashlights), Everett, Mass.
 Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
 Hipwell Mfg. Co., 831 North av, Pittsburgh, Pa.
 Hopple Elec. Co., Lawnsdale, Cal.
 International Battery Co., 453 Broome, New York
 Interstate Electric Novelty Co. ("Franco"), 104 S 4th, Brooklyn, N. Y.
 Lincoln Electric Co. ("Enburo," "Hi-Po"), 149 B'way, New York
 Manhattan Electric Supply Co. ("Red Seal," "Mesco," "Blue Seal," "Hi-Up," "Rock Island"), 17 Park pl, New York
 National Carbon Co. ("Columbia," "Columbia Ignitor," "Hercules," "U. S. Standard," "Standby"), Cleveland, O.
 North Electric Co. ("Cannon Cracker"), American Trust bldg, Cleveland, O.
 Novo Mfg. Co., 424 W. 33d, New York
 Nungesser Carbon & Battery Works of Nat'l Carbon Co., ("1900," "Acme," "Rapid Fire") 1170 E 38th, Cleveland, O.
 Nutter Elec. Equipt. Co., Old South bldg, Boston, Mass.
 Ohio Electric Works, Cleveland, O.
 Sibley Pitman Electrical Corp. ("Climax" Auto Cells for Automobile & Gas Engine Ignition), 19 W 36th, New York
 Solar Light Co., 69 Wooster, New York
 Stackpole Carbon Co. ("Autocrat," "Hello," "Wizard," "Sun"), St. Marys, Pa.
 Standard Electric Novelty Co., 730 W Randolph, Chicago, Ill.

Stanley & Patterson ("Exerter," "Matchless"), 23 Murray, New York
 Star Electric Co., Niles, O.
 Sunlight Elec. Specialty Co., 453 Broome, New York
 Tardie Emil J. ("Leader," "Improved"), 240 6th av, New York
 Toledo Battery Co., Toledo, O.
 Union Battery Co. ("Power," "Nue"), Belleville, N. J.
 United Battery Corp., 233 B'way, New York
 U. S. Auto Battery Co. ("Ready Spark," "Topnotch"), 90 W B'way, New York
 Universal Carbon Co., Dundee, Ill.
 Universal Novelty Wks, ("Universal"), 147 W 23d, New York
 Usona Mfg. Co., Hudson, New York
 Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
 Wappler Electric Co., 173 E 87th, New York
 Waterbury Battery Co. ("Gee Whiz"), Waterbury, Conn.
 Wesco Supply Co. ("Red Shield"), 7th & Clark av, St. Louis, Mo.
 Western Dry Battery Co., Seattle, Wash.
 Western Electric Co. ("Blue Bell," "Red Label"), 463 West, New York
 White Star Battery Co. ("White Star," "Red Star"), 126 Chambers, New York
 Wilhelm Henry ("Heln"), 70 Frost, Brooklyn, N. Y.

651—Batteries (Ignition)

See also Igniters, Gas & Gasoline Engines
 Akar Ignition Co. ("Akar"), 149 Berkeley, Wayne Junction, Phila., Pa.
 National Carbon Co. ("Columbia Ignitor," "Columbia Multiple," "U. S. Ignitor," "Columbia Hot Shot"), Cleveland, O.
 Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
 Sevison Electric Co., Elkhart, Ind.
 United States Light & Heat Corp. ("U-S-L"), Niagara Falls, N. Y.
 Universal Battery Co., 3410 S La Salle, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO. (Automobile), East Pittsburgh, Pa.
See adv index at end of book

652—Batteries (Medical)

And Electro Medical Apparatus
 Birtman Electric Co., 1422 Bryan, Chicago, Ill.
 Bunnell J. H. & Co. ("No.-4-D-D," "No. 6," "Auto Kure"), 32 Park pl, New York
 Chloride of Silver Dry Cell Battery Co., 407 N Paca, Baltimore, Md.
 Flemming Otto, 1028 Arch, Phila., Pa.
 Gorman Electric Construction Co., 315 Minnesota, St. Paul, Minn.
 International Instrument Co., Cambridge, Mass.
 Kendrick-Davis Co. ("K-D"), Lebanon, N. H.
 Kidder Jerome Mfg. Co., 907 7th av, New York
 Knapp Elec. & Novelty Co. ("Verilife," "Electrophits"), 511 W 51st, New York
 McElliott D. P., 175 N State, Chicago, Ill.
 McIntosh Battery & Optical Co., 217 W Desplaines, Chicago, Ill.
 Manhattan Electrical Supply Co. ("Home," "Anti-Doc"), 17 Park pl, New York
 Manufacturers & Inventors Electric Co., 29 Gold, New York
 Menominee Elec. Mfg. Co., Menominee, Mich.
 Meyer Wm. Co., 817 Wash., Chicago, Ill.
 Ohio Electric Works, Cleveland, O.
 Ostrander W. R. & Co., 371 B'way, New York
 Pierson-Wilcox Electric Co., 547 McKnight, Minneapolis, Minn.
 Pignolet Louis M., 78 Cortlandt, New York
 Pullen Leon W. Co. ("Gal-Far"), 618 Chestnut, Phila., Pa.
 Schiedel-Western X-Ray Co., 737 W Van Buren, Chicago, Ill.
 Shoenberg Milton H., 323 Geary, San Francisco, Cal.
 Stanley & Patterson ("Electrotonic," "Vetter"), 23 Murray, New York
 Storage Battery Supply Co. ("Reliance"), 239 E 27th, New York
 Tardie E. J., 240 6th av, New York
 Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
 Waite & Bartlett Mfg., 252 W 29th, New York
 Wappler Elec. Co., 173 E 87th, New York

653—Batteries (Open & Closed Circuit)

Open & Closed Circuit Wet Batteries
 American Carbon & Battery Co. ("New Phoenix"), Signal Hill, East St. Louis, Ill.
 Bunnell J. H. & Co. ("Microphone," "Carbon Cylinder"), 32 Park pl, New York
 Burn-Boston Battery & Mfg. Works, 134 State, Boston, Mass.
 Clark & Mills Elec. Co. ("Excello"), Cambridge, Mass.
 Eastern Carbon Works, 580 Henderson, Jersey City, N. J.
 Edison Thomas A. ("Esco," Closed), Orange, N. J.
 Electric Goods Mfg. Co. ("Samson," "Nomas"), Canton, Mass.
 Enterprise Electric Supply Co. ("Franklin"), Latrobe, Pa.
 Gordon Primary Battery Co., 30 Church, New York
 Manhattan Electrical Supply Co., 17 Park pl, New York
 National Carbon Co. ("Columbia"), Cleveland, O.
 Pullen Leon W. Co., 618 Chestnut, Phila., Pa.
 Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
 Samson Elec. Co., 146 Summer, Canton, Mass.
 Waterbury Battery Co. ("Victor," "Excelsior," "Schoenmehl"), Waterbury, Conn.
 Western Electric Co., 463 West, New York
 White S. S. Dental Mfg. Co. ("Partz"), 12th & Chesnut, Phila., Pa.

Batteries (Stamp)

See Mills, Stamp

654— Batteries (Storage)

Ajax Battery Co., Ltd., 1514 S Michigan av, Chicago, Ill.
 American Battery Co. ("Invincible"), 1134 Fulton, Chicago, Ill.
 American Ever Ready Wks of Nat. Carbon Co., Long Island City, N. Y.
 American Storage Battery Co. ("Eckstromer"), Albion, Boston, Mass.
 Ashbrook Elec. Co., 411 Ravenswood av, Chicago, Ill.
 Bison Storage Battery Co., 38 Riley, Buffalo, N. Y.
 Bunnell J. H. & Co. ("Mascot," "Santa Claus"), 32 Park pl, New York
 Carsten Batteries, 1381 Fulton, Brooklyn, N. Y.
 Cincinnati Storage Battery Co., 228 Stark, Cincinnati, O.
 Commercial Battery Co. ("Combat"), 718 W Jackson blvd, Chicago, Ill.
 Cook Railway Signal Co. ("Re-Viv-O" Dry), Denver, Colo.
 Culver Stearns Mfg. Co., Worcester, Mass.
 Dayton Electrical Mfg. Co. ("Hubler Dayton"), Dayton, O.
 Edison Storage Battery Co. ("Edison"), Orange, N. J.
 Electric Storage Battery Co. ("Exide," "Chloride" & "Tudor Accumulator"), 19th & Allegheny av, Phila., Pa.
 Electric Storage Supply Co., Somerville, Mass.

Electric Supply Co., 727 Superior av, N E, Cleveland, O.
 Esser John F., 1206 2d av, New York
 Fowler Lamp & Mfg. Co. ("Fowler" Motor Cars & Boats), 59 E 24th, Chicago, Ill.
 Gardiner Storage Battery Co., 2329 S Wabash av, Chicago, Ill.
 General Lead Batteries Co., 4 Lister av, Newark, N. J.
 General Storage Battery Co., 2005 Locust, St. Louis, Mo.
 Globe Elec. Co., 195 B'way, Milwaukee, Wis.
 Gould Storage Battery Co., 30 E 42nd, New York
 Heissler Storage Battery Co., 1436 S Michigan av, Chicago, Ill.
 Helios Mfg. Co. ("Morrison"), Garden & Bridge, Phila., Pa.
 Hoosier Storage Battery Co. ("Fire-Fly," "Hobo"), Evansville, Ind.
 Kinetic Elec. Co., Norfolk, Va.
 Kuehn & Metz, 318 W 48th, New York
 McCauley Storage Battery Co. ("Kremlo"), 1060 St. Clair, Cleveland, O.
 MacRae Hector C. ("Champion"), 316 St. Paul, Baltimore, Md.
 Main Elec. Mfg. Co., 500 Aiken av, Pittsburgh, Pa.
 Marko, Paul M., 1191 Bedford av, Brooklyn, N. Y.
 Meder-Staudt Co., 1904 B'way, New York
 Mentzer J. P., 2210 S Park av, Chicago, Ill.
 Michigan Storage Battery Co., 69 Atwater, E, Detroit, Mich.
 Miller Storage Battery Co., Toledo, O.
 Milwaukee Auto Specialty Co. ("Victor," "Masco," "Rodiuna"), 711 Chestnut, Milwaukee, Wis.
 Miniature Storage Battery Co., Niagara Falls, N. Y.
 Multiple Storage Battery Co., 427 W 50th, New York
 National Carbon Co., Madison av, N W, & W 11th Cleveland, O.
 Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
 Onondaga Storage Battery Co., Syracuse, N. Y.
 Perfection Storage Battery Co., 2909 Indiana, Chicago, Ill.
 Phila. Storage Battery Co. ("Diamond Grid" for Commercial & Pleasure Vehicles), Ontario & C. Phila., Pa.
 Phoenix Electric Co., 133 W Washington, Chicago, Ill.
 Prest-O-Lite Co., 416 N Capitol av, Indianapolis, Ind.
 Rex Battery Co., 2505 S State, Chicago, Ill.
 St. Joseph's Battery Co., St. Joseph, Mo.
 Salom Electric Storage Battery Co., Niagara Falls, N. Y.
 Schug Elec. Mfg. Co., Detroit, Mich.
 Silvey Electric Co., Dayton, O.
 Storage Battery Supply Co., 239 E 27th, New York
 United States Light & Heat Corp. ("U-S-L"), Niagara Falls, N. Y.
 Universal Battery Co., 3410 S La Salle, Chicago, Ill.
 Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.
 Victor Storage Battery Co., Rock Island, Ill.
 Volkcar Storage Battery Co., 2437 S Michigan av, Chicago, Ill.

Weber Battery Co., 3306 W Jackson blvd, Chicago, Ill.
 Weisenborn Elec. Co. ("Ohio"), Dayton, O.
 White City Electric Co., 14 N Franklin, Chicago, Ill.
 Willard Storage Battery Co. ("Willard," "Annex," "Elba"), E 131st & St. Clair, Cleveland, O.
 Wright Storage Battery Co., Poughkeepsie, N. Y.

655— *Battery Accessories

Hertner Electric & Mfg. Co., W 112th, Cleveland, O.
 National Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
 Storage Battery Supply Co. (Of All Kinds), 239 E 27th, New York

Batting (Cotton)

See Cotton Batting

656— Batting (Jute)

Union Cotton Bagging Corp., Norfolk, Va.

657— Batting (Wool)

LaCrosse Woolen Mills, LaCrosse, Wis.

658— Bauxite

American Bauxite Co., Oliver bldg, Pitts-Pa. & Bauxite, Ark.
 Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.
 National Bauxite Co., 35th & Gray Ferry, Phila., Pa.
 Republic Mining & Mfg. Co., Harrison bldg, Phila., Pa.

659— Beaders (Flue)

Atha Tool Co., Chapel, Newark, N. J.

659a— *Beading (Pyralin)

DU PONT E. I. DE NEMOURS & CO. (The Arlington Works) (Transparent & Opaque—Colored & Colorless), 725-727 Broadway, New York

659b— *Beads (Wood)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

660—Beam Heads (Pressed Steel)

Mossberg Frank Co., Attleboro, Mass.

661— Beams (Cultivator)

Illinois Steel Co., 208 S La Salle, Chicago, Ill.
 Interstate Iron & Steel Co., 1st Natl. Bank bldg, Chicago, Ill.
See adv index at end of book

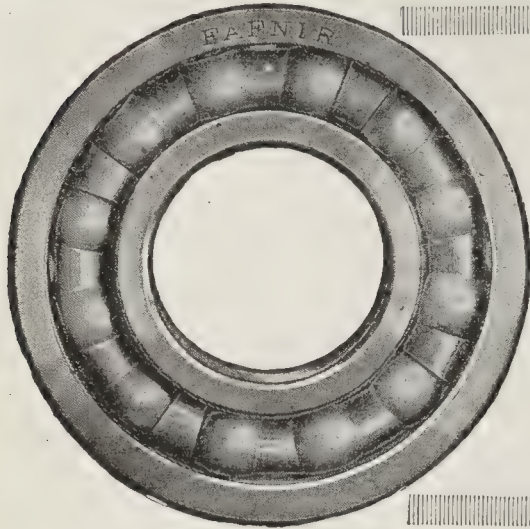
662—Beams (Pressed Steel, with Steel Barrels)

American Pulley Co., 4200 Wissahickon av, Phila., Pa.
 Mossberg Frank Co. (For Narrow Fabric Looms, Non-Elastic & Elastic), Attleboro, Mass.

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663a—*Bearing Parts (Roller)

NORMA CO OF AMERICA, 1790 B'way,
New York *See adv index at end of book*

664—Bearings (Agate)

Bache Semon & Co. (Imp), 636 Greenwich,
New York
Bracher Co. (For Jewelers' Scales), Belle-
ville, N. J.

665—Bearings (Annular)

Auburn Ball Bearing Co., 26 Elizabeth,
Rochester, N. Y.
Federal Bearings Co., Poughkeepsie, N. Y.
GWILLIAM CO., 255 W. 58th, New York
See adv index at end of book
New Departure Service Station, 255 W
58th, New York
NORMA CO OF AMERICA, 1790 B'way,
New York *See adv index at end of book*
S. K. F. Ball Bearing Co. ("S. K. F."),
Hartford, Conn.
Schatz Mfg. Co., Poughkeepsie, N. Y.

Bearings (Anti-Friction)

*See Babbitt Metal; also Bearings, Various
Kinds; also Brasses, Car & Engine*

666—*Bearings ("Arguto" Oilless)

ARGUTO OILLESS BEARING CO.,
Wayne Junction, Phila., Pa.
See adv index at end of book

667—Bearings (Armature & Axle)

Columbia Machine Works & Malleable
Iron Co. ("Columbia"), Atlantic av &
Chestnut, Brooklyn, N. Y.
DAMASCUS BRONZE CO. ("Damascus"),
N S, Pittsburgh, Pa.
See adv index at end of book
Hess-Bright Mfg. Co. ("H. B.-D. W. F."),
Front & Erie av, Phila., Pa.
Hyatt Roller Bearing Co., Harrison, N. J.
More-Jones Brass & Metal Co. ("More-
Jones"), Broadway & Dock, St. Louis,
Mo.
NORMA CO. OF AMERICA, 1790 B'way,
New York *See adv index at end of book*
RAILWAY ROLLER BEARING CO.,
Syracuse, N. Y.
See adv index at end of book

668—Bearings (Ball)

See also Balls, Steel; also Bearings, Roller
Ahlberg Bearing Co. ("A. B. Co."), 2636
Michigan av, Chicago, Ill.
American Ball Co. ("American"), 115
Clifford, Providence, R. I.
Auburn Ball Bearing Co. (Annular &
Special), 26 Elizabeth, Rochester,
N. Y.
Ball & Roller Bearing Co., 22 Maple av,
Danbury, Conn.
Bantam Anti-Friction Co., Bantam,
Conn.
Barthel & Daley ("Schafer" Imported),
1790 B'way, New York
Bearings Co. of America ("F. & S."), Lan-
caster, Pa.
Bock Bearing Co., Phillips av & M. C. Ry,
Toledo, O.

Boston Gear Works, (Thrust Collar, etc),
Norfolk Downs, Quincy, Mass.
Burgers & Norton Mfg. Co. (Motor Cycle,
Side Car, Light Car), Geneva, Ill.
Carlson-Wenstrom Co., Erie av & Rich-
mond, Phila., Pa.
EXCELSIOR NEEDLE CO. (Cup & Cone),
Torrington, Conn.
See adv index at end of book
FAFNIR BEARING CO. ("Fafnir"), New
Britain, Conn.
See adv index at end of book
Federal Bearing Co., Poughkeepsie, N. Y.
German-American Ball Bearing Mfg. Co.
("G.-A." Radial Thrust, etc), 344
Sheldon, Chicago, Ill.
Gurney Ball Bearing Co., Jamestown,
N. Y.
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
Hess-Bright Mfg. Co. ("H. B.-D. W. F.")
Radial & Thrust), Front & Erie av,
Phila., Pa.
Hubbard Machine Co. (S. K. F.), Worces-
ter, Mass.
Hudson Export & Import Co. ("R. B. F.")
Imported), 1737 B'way, New York
Imperial Bearing Co. (Annular), 1217
Forest av E., Detroit, Mich.
International Ball & Roller Bearing Co.
(For Oil Wells), 1283 Niagara, Buf-
falo, N. Y.
Johnston & Sharp Mfg. Co. (Hollow
Steel), Ottumwa, Ia.
Jones Ball Co. (Importers), Arlington
Heights, Mass.
Marburg Bros. ("S. R. O." Imported),
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Matthews H. A. Mfg. Co., Seymour Conn.

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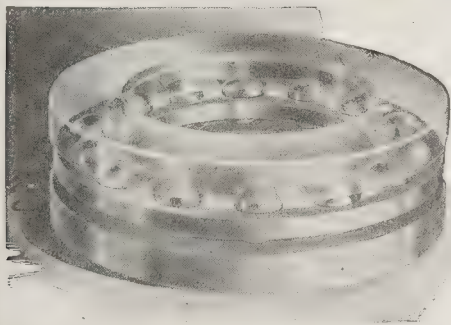
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738 Spencer St., TOLEDO, OHIO

MATTHEWS MFG. CO., 104 Gold, Worcester, Mass. See adv index at end of book
New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book



Nice Ball Bearing Co., Land Title bldg, Phila., Pa.
NORMA CO. OF AMERICA, 1790 B'way, New York See adv index at end of book

Pressed Steel Mfg. Co. ("Knipe's"), Land Title bldg, Phila., Pa.

Rhineland Machine Works Co. (Imp & Domestic), 1737 B'way, New York

R.-I.-V. Co. ("R.-I.-V." for Mechanical Purposes & All Rotating Parts), 1765 B'way, New York

Rochester Ball Bearing Co., Rochester, N. Y.

Royersford Foundry & Mach. Co., Royersford, Pa.

S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn.

Salisbury Ball Bearing Co., Jamestown, N. Y.

Schatz Mfg. Co. ("Commercial" Annular Ball Bearings), Poughkeepsie, N. Y.

Standard Machinery Co., Providence, R. I.

STANDARD ROLLER BEARING CO. (Annular, etc), 50th & Lancaster av, Phila., Pa.

Symington T. H. Co. ("Baltimore"), Rochester, N. Y.

Transmission Ball Bearing Co. ("Chapman"), 1050 Military rd, Buffalo, N. Y.

U. S. Ball Bearing Mfg. Co. (Radial, Cup & Cone, Combination, Double Action, Plain Grooved & Double Direction Thrust), Palmer & Kolmar av, Chicago, Ill.

Worcester Pressed Steel Co., Worcester, Mass.

669—Bearings (Bronze Metal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.

Allan A. & Son ("Allan" for Steel Mill Service), 6th & Bergen, Harrison, N. J.

American Bronze Co. ("Non-Gran"), Berwyn, Pa.

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.

Bound Brook Oil-Less Bearing Co. ("Bound Brook"), Bound Brook, N. J.

Bronze Metal Co. ("Vim"), 30 Church, New York

Buckeye Tempered Copper & Brass Co., Mansfield, O.

BUNTING BRASS & BRONZE CO. (Brass & Bronze), 738 Spencer, Toledo, O. See adv index at end of book

HENDRICKS' COMMERCIAL REGISTER

is generally acknowledged to be the best Purchasing Agents' Register. It is commended by the leading Trade Journals and is used by the largest firms and corporations in all lines of business. : : : : :

Cramp, Wm. & Sons, Ship & Engine Bldg. Co. ("Cramp"), Beach & Ball, Philadelphia, Pa.
DAMASCUS BRONZE CO. ("Damascus," for Rolling Mills, Railroads & Electric Railways), N S, Pittsburgh, Pa.
See adv index at end of book
 Dann Products Co., E 152d, Cleveland, O.
 Doehler Die Casting Co., Court & 9th, Brooklyn, N. Y.
 Ellison Brass Mfg. Co., Jametstown, N. Y.
 Eureka Co., North East, Pa.
 General Aluminum & Brass Mfg. Co. (Bronze Back Babbitt Lined), St. Aubin av, Detroit, Mich.

Harper Thos., 204 Lafayette, New York
 Highton Wm. & Sons Co. (For Automobile, Motor Boat, etc), Nashua, N. H.
 Keystone Bronze Co., Pittsburgh, Pa.
 Lawrenceville Bronze Co., 31st & Penn av, Pittsburgh, Pa.
 Light Mfg. Co. & Foundry Co. ("Automobile"), Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*
 Metaline Co., 4 West av, Long Island City, N. Y.
 Milwaukee Die Casting Co. (Shell, Babbitt Lined), 297 4th, Milwaukee, Wis.
See adv index at end of book
 More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
 North American Smelting Co., 900 Thompson, Phila., Pa.
 Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.
 Rider-Bagg Co., Springfield, Mass.
 Star Brass Works Co. ("Hi-Spe"), Kansas City, Mo.
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

Doehler Die Casting Co., 9th & Court, Brooklyn, N. Y.
FRANKLIN MFG. CO. (Motor), Magnolia, Syracuse, N. Y.
See adv index at end of book
 Light Mfg. & Foundry Co., Pottstown, Pa.
 Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.
See adv index at end of book
 Modern Die & Tool Co., 202 S Penn, Indianapolis, Ind.
 Stewart Mfg. Co., 323 Wells, Chicago, Ill.
 Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

674—*Bearings (Drop Hanger)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry, Phila., Pa.
See adv index at end of book

675—Bearings (Electrical, Motor, Etc.)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
ARGUTO OILLESS BEARING CO. ("Arguto," Oilless), Wayne Junction, Phila., Pa. *See adv index at end of book*
 Bantam Anti-Friction Co. (Ball), Bantam, Conn.
 Bock Bearing Co., Toledo, O.
 Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum," Oilless), Bound Brook, N. J.
 Brady Brass Co. (For Street Railway, etc), 170 14th, Jersey City, N. J.
 Bronze Metal Co. ("Vim"), 30 Church, New York
 Bunting Brass & Bronze Co. (Auto, Motor Cycle, etc), 738 Spencer, Toledo, O.
See adv index at end of book
 Columbia Machine Works & Malleable Iron Co. (For Armatures, etc), Atlantic av & Chestnut, Brooklyn, N. Y.
DAMASCUS BRONZE CO. ("Damascus"), N S Pittsburgh, Pa.
See adv index at end of book
 Electric Materials Co., North East, Pa.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
See adv index at end of book

Bearings (Car Journal)

See Bearings, Journal

670—Bearings (Collar Oiling)

Hill Clutch Co. ("Hill"), 1000 W 58th, Cleveland, O.

671—*Bearings (Combined Radial & Thrust)

FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
See adv index at end of book
NORMA CO. OF AMERICA, 1790 B'way, New York. *See adv index at end of book*

672—*Bearings (Common Flat Box)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

673—Bearings (Die Cast)

American Die Casting Co., Indianapolis, Ind.



BRONZE BEARINGS

For railroads, mills, electric railways and engine builders.

DAMASCUS NICKEL BRONZE is an alloy for all bearing requirements. Its economy for severe service has been unquestionably established.

Damascus Bronze Company
 N. S. Pittsburgh

LUMEN BRONZE BEARINGS

THE STANDARD FOR COMPARISON

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 MANGANESE BRONZE and PHOSPHOR
 BRONZE CASTINGS

WHITE METAL DIE CASTINGS
 BABBITT METALS and SOLDERS

LUMEN BEARING COMPANY

Brass Founders

200 Lathrop St.

BUFFALO

General Aluminum & Brass Mfg. Co., St. Aubin av, Detroit, Mich.
 Harper Thos., 204 Lafayette, New York
 Holmes Fibre Graphite Mfg. Co., 5155 Wakefield, Gtn. Phila., Pa.
 Hyatt Roller Bearing Co., Harrison, N. J.
LUMEN BEARING CO. ("Lumen," Bronze), 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

Magnus Co. (Armature, Motor, etc), 111 B'way, New York
 Metaline Co., 4 West av, Long Island City, N. Y.

More-Jones Brass & Metal Co. (Electrical Motor, etc; "Tiger," "Artic," "Pullman"), Broadway & Dock, St. Louis, Mo.

Muzzy-Lyon Co., Ltd., 161 Larned, W Detroit, Mich.

Phosphor-Bronze Smelting Co., 2200 Washington av, Phila., Pa.

RAILWAY ROLLER BEARING CO., Syracuse, N. Y.

See adv index at end of book
 Reeves Paul S. & Co. (Brass, Bronze & Phosphor Bronze), 1415 Catherine, Phila., Pa.

Ridlon Frank Co. ("Ridlon," Bronze & Composition), 261 Franklin, Boston, Mass.

Riverside Metal Co. (Brass Bronze & Phosphor Bronze), Riverside, N. J.

S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn.

St. Louis Car Co. (Spiral), 8000 N B'way, St. Louis, Mo.

Symington T. H. Co. ("Baltimore," Center & Side), Rochester, N. Y.

Taylor Elec. Truck Co. ("Taylor," Journal), Troy, N. Y.

Traction Materials Co., 501 5th av, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

675a—*Bearings (For Automobile Axles, Transmission, etc)

BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.

See adv index at end of book

FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.

See adv index at end of book

RAILWAY ROLLER BEARING CO., Syracuse, N. Y.

See adv index at end of book

675b—*Bearings (For Automobile Magnetos & Starters)

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*

FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.

See adv index at end of book

RAILWAY ROLLER BEARING CO., Syracuse, N. Y.

See adv index at end of book

675c—*Bearings For Machines & Machine Tools

Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*

FAFNIR BEARING CO. ("Fafnir," For Machines of Every Description), New Britain, Conn.

See adv index at end of book

675d—*Bearings (For Orphan Cars)

GWILLIAM CO. (Ball & Roller), 255 W 58th, New York

See adv index at end of book

New Departure Service Station, 255 W 58th, New York

676— Bearings (Graphite)

Bound Brook Oil-Less Bearing Co. ("Bound Brook"), Bound Brook, N. J.

Edna Brass Mfg. Co., 525 Reading rd, Cincinnati, O.

Holmes Fibre Graphite Mfg. Co., 5155 Wakefield, Phila., Pa.

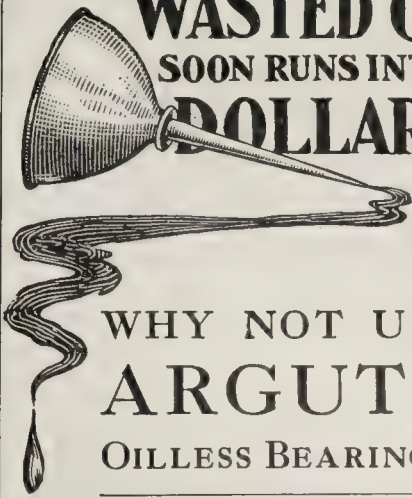
677—Bearings (Hanger Parts)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

WASTED OIL SOON RUNS INTO DOLLARS



WHY NOT USE ARGUTO OILLESS BEARINGS?

FIVE REASONS

Long Life

Six to eight years' continuous running is not a bad record.

That's One.

Permanent Lubrication

Never have to be lubricated, and run as dry as a bone and clean as a whistle.

That's Another.

Repairs Eliminated

The center of trouble of every countershaft is the loose pulley or friction clutch.

Another Yet.

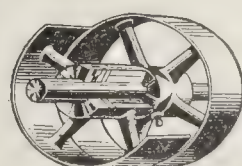
Material Increase in Life of Belts

They prolong the life of your belts from 40 to 50%. Mineral oils and animal belts are detrimental to economy.

And Yet Another

Good-bye to Friction

And that's what the "Arguto" Bearings are for. "Mechanical Peacemakers"—nothing striking to look at, but only make a good showing in your repair account.



Loose Pulley Equipment
(Patented)

Arguto Oilless Bearing Co.
Wayne Junction, Philadelphia, Pa.

678— Bearings (Hard Fibre)

See Fibre, Hard

679— Bearings (Journal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.

Allan A & Son ("Allan," Bronze), 6th & Bergen, Harrison, N. J.

ARGUTO OILLESS BEARING CO. ("Arguto," Oilless), Wayne Junction, Phila., Pa. *See adv index at end of book*

Atkinson Co. ("Plata"), Rochester, N. Y.

Aurora Metal Co., Aurora, Ill.

Bantam Anti-Friction Co. (Roller), Bantam, Conn.

Besly Chas. H. & Co. ("Helmet"), 120 N Clinton, Chicago, Ill.

Blake Edwin J. (Car & Locomotive), Hartford, Conn.

Bond Foundry & Machine Co. ("Bond," Solid Journal or Post Bearing), Mannheim, Pa.

Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum," Oilless), Bound Brook, N. J.

Brady Brass Co., 170 14th, Jersey City, N. J.

Bronze Metal Co. ("Vim" Metal), 30 Church, New York

Brown A. & F. Co., 79 Barclay, New York.

Works: Elizabethport, N. J.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co. (Solid), Milwaukee, Wis.

Chicago Bearing Metal Co. ("Graphose" Bronze), 2220 W 43rd, Chicago, Ill.

Climax Bearing Co. ("Camel"), Majestic bldg., Detroit, Mich.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.

See adv index at end of book

Dodge Sales & Engineering Co., Mishawaka, Ind.

Easton Car & Construction Co., 4th st, Easton, Pa.

Edna Brass Mfg. Co. ("Porteous," Graphite), 525 Reading rd, Cincinnati, O.

Eureka Brass Co., 601 Red Bud av, St. Louis, Mo.

Eureka Co., North East, Pa.

Falcon Bronze Co., Youngstown, O.

Fitz Gerald John L., Albany, N. Y.

Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.

Graham Jas. & Co., New Haven, Conn.

Gurney Ball Bearing Co. ("Gurney"), Jamestown, N. Y.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Hyatt Roller Bearing Co., Harrison, N. J.

JEFFREY MFG. CO. (Solid Journal), 961 N Fourth, Columbus, O.

See adv index at end of book

Keystone Bronze Co. (Car & Rolling Mill), Pittsburgh, Pa.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry, Phila., Pa.

See adv index at end of book

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*

McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.

Magnus Co. (Lead Lined, etc), 111 B'way, New York

Magnus Co., Detroit, Mich.

Meneely Geo. R. & Son, Watervliet, N. Y.

Metaline Co., 4 West av, Long Island City, N. Y.

Mobile Pulley & Machine Co., Mobile, Ala.

More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.

Muzzy-Lyon Co., Ltd., 161 Larned, W Detroit, Mich.

National Lead Co., 111 B'way, New York

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

North American Smelting Co. (Car Bearings), 900 Thompson, Phila., Pa.

Paragon Metal Co., 3050 S Ashland av, Chicago, Ill.

Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

Prier Brass Mfg. Co., 15th & Blue River blvd, Kansas City, Mo.

RAILWAY ROLLER BEARING CO., Syracuse, N. Y.

See adv index at end of book

Reeves Paul S. & Co. (Brass, Bronze & Phosphor Bronze), 1415 Catharine, Phila., Pa.

Rider-Bagg Co. ("Brightwood" Bronze), Springfield, Mass.

Riverside Metal Co. (Brass, Bronze & Phosphor Bronze), Riverside, N. J.
 Royersford Foundry & Machine Co., Royersford, Pa.
 St. Louis Car Co. (Spiral), 8000 N B'way, St. Louis, Mo.
 Spacke F. W. Machine Co., Indianapolis, Ind.
 Taylor Electric Truck Co., Troy, N. Y.
 Watson Frye & Co., Bath, Me.
 Waynesboro Foundry & Machine Co., Waynesboro, Pa.
 Wolf Co., Chambersburg, Pa.
 Wood's T. B. Sons Co., Chambersburg, Pa.

680—Bearings (Lead Lined)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
 Riverside Metal Co., Riverside, N. J.

681—*Bearings (Lumen Bronze)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*

Bearings (Motor)

See Bearings, Electrical, Motor, Etc

682—Bearings (Oilless)

ARGUTO OILLESS BEARING CO. ("Arguto"), Wayne Junction, Phila., Pa. *See adv index at end of book*
 Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
 New York Oilless Bearing Co. (Roller), 126 Liberty, New York
 Metaline Co. ("Metaline," Self-Lubricating), 4 West av, Long Island City, N. Y.

683-4—*Bearings (Pillow Block)

JEFFREY MFG. CO. (Ball & Socket, Chain Oiling Rigid, Ring, Oiling Rigid, Plain & Wick Oiling, Graphite Sheet Lubricator Bearings), 961 N Fourth, Columbus, O.
See adv index at end of book
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

685—*Bearings (Post)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

686-7—*Bearings (Post Hanger)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

688—Bearings (Ring Oiling)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Barnard & Leas Mfg. Co., Moline, Ill.
 Black-Clawson Co., Hamilton, O.
BOND FOUNDRY & MACHINE CO. (Ball & Socket, etc), Manheim, Pa.
JEFFREY MFG. CO. (Rigid Pillow Block), 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park & P & R Ry, Phila., Pa.
See adv index at end of book
 Royersford Foundry & Machine Co., Royersford, Pa.
 Woods T. B. Sons Co., Chambersburg, Pa.

689—Bearings (Roller)

See also Bearing, Ball; also Bearings, Side
 Accurate Engineering Co., 2419 W 14th Chicago, Ill.
 American Roller Bearing Co., Baum & Melwood, Pittsburgh, Pa.
 Ball & Roller Bearing Co., Danbury, Conn.
 Bantam Anti-Friction Co., Bantam, Conn.
 Bock Bearing Co. (Taper), Phillips av & M. C. Ry, Toledo, O.
 Bower Roller Bearing Co. (Automobile & Vehicle), Hact av nr Mack, Detroit, Mich.
 Easton Car & Construction Co., 4th st, Easton, Pa.
 Federal Bearing Co., Poughkeepsie, N. Y.
 George Automatic Roller Bearing Co., 4614 Spring Grove av, Cincinnati, O.
 Gustafson Mfg. Co., Chattanooga, Tenn.
GWILLIAM CO., 255 W 58th, New York
See adv index at end of book
 Hyatt Roller Bearing Co., Harrison, N. J.
 Makutchan Roller Bearing Co., McCormick bldg, Chicago, Ill.
 National-Acme Mfg. Co., Cleveland, O.
 New Departure Service Station, 255 W 58th, New York
 New York Oilless Bearing Co. (Oilless), 126 Liberty, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 Penna. Shafting Co. ("Wright" Taper), Spring City, Pa.
 Pickering Governor Co. (Roller Relief), Portland, Conn.
RAILWAY ROLLER BEARING CO. ("Rollway"), Syracuse, N. Y.
See adv index at end of book
 Reber Calvin P., Reading, Pa.
 Royersford Foundry & Machine Co. ("Sells"), Royersford, Pa.
 Standard Machinery Co., Providence, R. I.
STANDARD ROLLER BEARING CO. (Improved Taper), 50th & Lancaster av, Phila., Pa.
 Suspension Roller Bearing Co., Spartanburg, S. C.
 Symington T. H. Co., Rochester, N. Y.

Timken-Detroit Axle Co. (Automobile & Truck), Clark av, Detroit, Mich.
 Timken Roller Bearing Co. (Buggy), Canton, O.

690—Bearings (Self-Oiling)

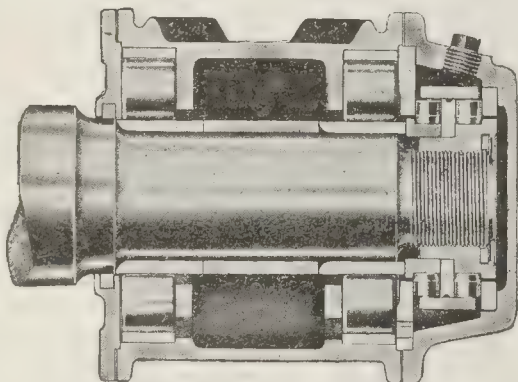
ARGUTO OILLESS BEARING CO. ("Arguto," Oilless), Wayne Junction, Phila., Pa. *See adv index at end of book*
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Easton Car & Construction Co., 4th st, Easton, Pa.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Hyatt Roller Bearing Co., Harrison, N. J.
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
 Mobile Pulley & Machine Co., Mobile, Ala.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.
 Woonsocket Mach. & Press Co., Woonsocket, R. I.

691—*Bearings (Shaft Hanger)

FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn.
See adv index at end of book
JEFFREY MFG. CO. (Adjustable Short Head), 961 N Fourth, Columbus, O.
See adv index at end of book
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
 Transmission Ball Bearing Co. ("Chapman"), 1056 Military rd, Buffalo, N. Y.

692—Bearings (Side)

American Steel Foundries ("Susemihl"), McCormick bldg, Chicago, Ill.
 Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
 Cardwell Mfg. Co. ("Cardwell Rocker"), McCormick bldg, Chicago, Ill.
 Chicago Railway Equipment Co. ("Creco" Roller), 1928 W 46th, Chicago, Ill.
 Gould Coupler Co. ("Hartman"), 30 E 42d, New York
 Joliet Railway Supply Co. ("Perry," Automatic Frictionless), Joliet, Ill.
 Miner W. H., The Rookery, Chicago, Ill.
 Pressed Steel Car Co. (Pressed Steel), 307 5th av, Pittsburgh, Pa.
 St. Louis Car Co. ("St. Louis"), 8000 N B'way, St. Louis, Mo.



"Rollway" Bearings will save 15% of the power required to run your cars, and about 50% of your lubrication bills. They require lubricating not oftener than four times a year. They are not an experiment, having been in actual service for more than five years. The bearing as now made is absolutely oil tight and dust proof, and has a fixed end thrust adjustment which does away with the danger of imperfect adjustment. The material and workmanship are the best obtainable. Let us quote you on bearings suitable for your particular service.

Railway Roller Bearing Co.
 Syracuse, N. Y.

Standard Car Truck Co. ("Barber" Roller Bearing), 332 S Michigan av, Chicago, Ill.
 Stuckl A. ("Stuckl"), Oliver bldg, Pittsburgh, Pa.
 Symington T. H. Co. ("Baltimore"), Rochester, N. Y.
 Western Steel Car & Foundry Co. (Pressed Steel), 37 W Van Buren, Chicago, Ill.
 Woods Edwin S. & Co. ("Woods" Roller), 332 S Michigan av, Chicago, Ill.

693—*Bearings (Spiral Conveyor)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

693a— *Bearings (Step)

GWILLIAM CO., 255 W 58th, New York *See adv index at end of book*
 New Departure Service Station, 255 W 58th, New York

694— *Bearings (Take-Up)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

695— Bearings (Thrust)

American Ball Co. ("American"), 115 Clifford, Providence, R. I.
 Auburn Ball Bearing Co. ("Auburn" Ball Bearing), 26 Elizabeth, Rochester, N. Y.
 Bantam Anti-Friction Co., Bantam, Conn.
 Bearings Co. of America ("Star" & "F & S"), Lancaster, Pa.
 Boston Gear Works (Thrust Collar), Norfolk Downs, Quincy, Mass.
 Bound Brook Oil-Less Bearing Co. ("Bound Brook," "Nigrum"), Bound Brook, N. J.
FAFNIR BEARING CO. ("Fafnir"), New Britain, Conn. *See adv index at end of book*
 German-American Ball Bearing Mfg. Co. ("G.-A." Ball Bearing), 344 Sheldon, Chicago, Ill.
 Gurney Ball Bearing Co., Jamestown, N. Y.
GWILLIAM CO., 255 W 58th, New York *See adv index at end of book*
 Hess-Bright Mfg. Co. ("H. B.-D. W. F." Ball Bearing), Front & Erie av, Phila., Pa.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 International Engineering Works ("R. B. F."), 15 Park Row, New York
JEFFREY MFG. CO. (Eccentric & End Thrust), 961 N Fourth, Columbus, O. *See adv index at end of book*
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
 New Departure Service Station, The, 255 W 58th, New York
NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*
 Planet Engineering Co. ("Planet"), 5 Beekman, New York
 Poole Engineering & Mach. Co., Woodberry Station, Baltimore, Md.
 Pressed Steel Mfg. Co. (Ball Bearing), Land Title bldg, Phila., Pa.
 Rhineland Machine Works Co. ("Rhineland" Double Acting), 1737 B'way, New York
 R.-I.-V. Co. ("R.-I.-V." for Mechanical Purposes), 1765 B'way, New York
 Rochester Ball Bearing Co., Rochester, N. Y.
 S. K. F. Ball Bearing Co. ("S. K. F."), Hartford, Conn.
 Schatz Mfg. Co., Poughkeepsie, N. Y.
 Standard Machinery Co., Providence, R. I.
 U. S. Ball Bearing Mfg. Co. (Ball Bearing), 4535 Palmer, Chicago.

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Beats All Mfg. Co. ("Beats All"), Fairmont, Minn.
 Cady Mfg. Co. ("Cady"), Auburn, N. Y.
 Catawissa Specialty Mfg. Co., Catawissa, Pa.
 Cooley Mfg. Co., 551 W Monroe, Chicago, Ill.
 Cassidy Fairbank Mfg Co. (Wire), 6126 S La Salle, Chicago, Ill.
 Conn. A. H. ("Cyclone"), Cedar Rapids, Ia.
 Dawson J. R. Mfg. Co., Fairhill Station, Philadelphia, Pa.
 Ely T. J. Mfg. Co. ("Dandy" Rattan, also Wire), Erie, Pa.
 Erie City Mfg. Co., Erie, Pa.
 Fernald Mfg. Co. ("Hilton"), North East, Pa.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Hessler H. E. Co., Syracuse, N. Y.
 Hilker Edward Mop Co., 2614 W Grand av, Chicago, Ill.
 Hollow Cable Mfg. Co. ("Preston's" Braided Wire), Hornell, N. Y.
 Holt-Lyon Co. ("Cleaner" Wire), Tarrytown, N. Y.
 Hutchins-Kilbourne Co. ("Cyclone," "Niagara," Wire), Buffalo, N. Y.
 Malin & Co. ("Malin's" Braided Wire), Cleveland, O.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Racine Iron & Wire Works, Racine, Wis.
 Raymond Mfg. Co. (Ltd.), Corry, Pa.
 Reading Saddle & Mfg. Co. ("Reading" Carpet Whip), Reading, Pa.
 Ressler G. S. & Co., Lansing, Mich.
 Smith & Phillips Mfg. Co. ("World Beater," "Polished Spring Wire"), 412 N Sangamon, Chicago, Ill.
 Spring Handle Co., Abingdon, Ill.
 Standard Wire Co. ("Gem" Wire), New Castle, Pa.
 Steinfeld Bros. ("Holdfast" Wire), 116 W 32nd, New York
 Streeter N. R. & Co. ("Sensible" Coil Spring), Rochester, N. Y.
 Thum Chas. D., 150 N 3d, Philadelphia, Pa.
 Thurnauer G. M. Co. (Rattan), 6 E 20th, New York
 Utility Mfg. Co., Sturgis, Mich.
 Wilson Mfg. Co., Niles, O.
 Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.
 Zinn Charles & Co., 893 B'way, New York

697—Beaters (Egg & Cream)

A. & J. Mfg. Co. ("A. & J." Egg Beater & Cream Whip), Binghamton, N. Y.
 Bridgeport Wire Goods Co., East Port Chester, Conn.
 Browne W. G. Mfg. Co. ("Cyclone"), Kingston, N. Y.
 Cassidy Fairbank Mfg. Co. ("Turbine"), 6126 S La Salle, Chicago, Ill.
 Chapman Co. ("Van Deusen" Egg Whip), Geneva, N. Y.
 Christy Knife Co. ("Christy"), Fremont, O.
 Continental Co., Penobscot bldg, Detroit, Mich.
 Darby Edw. & Sons Co., 239 Arch, Philadelphia, Pa.
 Dawson J. R. Mfg. Co. ("Surprise"), Fairhill Sta., Philadelphia, Pa.
 Dorsey Mfg. Co. ("Roberts"), 39 Pearl, Boston, Mass.
 Dover Stamping & Mfg. Co. ("New Dover" for Family Use & "Leviathan Dover" for Confectioners), Cambridge, Mass.
 Dunlap J. S., 334 S Clinton, Chicago, Ill.
 Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
 Fries Geo. Sons, 222 S Front, Philadelphia, Pa.
 Giles & Nielsen Nickel Works ("Clipper"), Troy, N. Y.
 Hamblin & Russell Mfg. Co. ("Dover"), Worcester, Mass.
 Hollow Cable Mfg. Co. ("Only Perfect"), Hornell, N. Y.
 Holt-Lyon Co. ("Holts Improved Dover," "Lyon" Holt's Jar Cream Whip & Butter Mergers, "E Z Y" Ball-Bearing), Tarrytown, N. Y.
 Hutchins-Kilbourne Co. (Cream & Egg Whip), Buffalo, N. Y.
 Kohler Die & Specialty Co. (Cream), De Kalb, Ill.
 Landers, Frary & Clark ("Dover"), New Britain, Conn.

Meek Oven Co., Newburyport, Mass.
 Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*
 Morgan Spring Co. ("Diamond"), Worcester, Mass.
 National Indicator Co. ("S & S"), Vernon av, Bklyn, N. Y.
 National Mfg. Co. ("Natwire," "Dover," "Express," "Clipper," "French," "Superior," "Surprise," also Spoon & Spiral), Worcester, Mass.
 Novelty Mfg. Co. ("Cosmos"), Waterbury, Conn.
 Parker Wire Goods Co. ("Dover," Hotel & Family, also Wire Egg Beaters & Whips), Worcester, Mass.
 Parkesburg Stamping & Mfg. Co. ("Up-to-Date"), Parkesburg, Pa.
 Racine Engine & Machine Co., Racine, Wis.
 Racine Iron & Wire Works, Racine, Wis.
 Roseland Can & Specialty Co. ("Double Quick"), Rockford, Ill.
 Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
 Standard Egg Co. ("Silver Pattern"), 26 So Market, Boston, Mass.
 Standard Wire Co., New Castle, Pa.
 Star Specialty Co., Ashland, O.
 Taplin Mfg. Co. ("Dover," "Tumbler," "Light Running," "Taplin"), New Britain, Conn.
 Thurnauer G. M. Co. ("Rover's"), 6 E 20th, New York
 Turner & Seymour Mfg. Co. ("T. & S. Dover"), Torrington, Conn.
 Wire Goods Co. ("Dover" & Wire), Worcester, Mass.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
 Woods-Sherwood Co. ("Sensible" & "Surprise" Beaters & Whip), Worcester, Mass.

698—Beaters or Whisks (Isinglass)

Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

699— Bed Plates

See Roll Bars & Bed Plates, Paper Mill

700— Beds (Spring)

See Mattresses, Woven Wire

700a— Beds (Wall)

American Wall Bed Co., 1339 W 21st, Chicago, Ill.
 Pacific Spring Bed Co., Berkeley, Cal.

701—Bedstead Mfrs. (Brass or Iron)

ARKANSAS.

FORT SMITH—Ward Furniture Mfg. Co. (Brass & Iron)

CALIFORNIA.

LOS ANGELES—Van Vorst C. B. Co. (Brass & Iron)
 SAN FRANCISCO—Bernhard Mattress Co. (Iron), 739 Mission
 Rudgear-Merle Co. (Brass & Iron), 198 Bay

CONNECTICUT.

SHELTON—Whitcomb Metallic Bedstead Co. (Brass & Iron)

GEORGIA.

ATLANTA—Atlanta Metal Bed Co.
 Gholstin-Cunningham Spring Bed Co. (Iron)

ILLINOIS.

BRADLEY—Turk Jos. Mfg. Co. (Iron, Steel & Brass)
 CHICAGO—American Metal Ware Co. (Brass), 368 W Huron
 Art Bedstead Co. (Brass & Iron), 37th & Rockwell
 Davis, Horwich & Steinman (Iron), 2236 La Salle
 Fett John (Iron), 2715 S Halsted
 Horn Bros. Mfg. Co. (Iron), 1144 W Superior
 Kindel Bed Co., 419 W Erie
 Union Wire Mattress Co. (Iron), Blackhawk & Cherry

EAST ST. LOUIS—St. Louis Bed & Mfg. Co. (Brass & Iron)
 PEORIA—Peoria Lounge & Mattress Co. (Iron)

INDIANA.

EVANSVILLE—Evansville Metal Bed Co. (Brass & Iron)
 Metal Furniture Co. ("Hygiene")
 INDIANAPOLIS—Laycock T. B. Son Co. (Brass & Iron)
 MARION—Harwood-Barley Mfg. Co.
 MOORESVILLE—Indiana Brass & Iron Bed Co. (Brass & Iron)

KENTUCKY.

LOUISVILLE—Belknap Hardware & Mfg. Co. (Brass & Iron)
 Dow Wire & Iron Works

LOUISIANA.

NEW ORLEANS—Crescent Bed Co., Ltd., (Iron), Gravier & Broad
 Magee Mfg. Co. (Brass & Iron), 1518 Tchoup
 Orleans Metal Bed Co. Ltd., 518 City Park

MAINE.

BANGOR—Bangor Mattress Co. (Iron)

MARYLAND.

BALTIMORE—Foster Bros. Mfg. Co. (Brass & Iron), 320 N Holliday
 Southern-Rowe Co., 623 W Pratt
 Weems A. W. (Brass & Iron), 331 N Howard

MASSACHUSETTS.

BOSTON—Bent G. W. Co. (Brass & Iron), 93 Causeway
 Boston Metallic Bed Co. (Iron), 90 Canal
 Merrimac Mattress Mfg. Co. (Iron), 129 Portland
 Richardson, Wright & Co. (Iron), 65 Beverly
 WESTBORO—Foster-Richardson Co. (Brass & Iron)

MICHIGAN.

DETROIT—Jenks & Muir Mfg. Co. (Brass & Iron), 1441 Hastings

MINNESOTA.

MINNEAPOLIS—Gangelhoff Bros. (Brass & Iron), 909 S. 2nd
 Minneapolis Bedding Co. (Brass & Iron), E Henn av & S E 5th
 Salisbury & Satterlee Co. (Iron), 201 S E Main
 RED WING—Red Wing Mfg. Co. (Brass & Iron)
 ST. PAUL—United States Bedding Co. (Iron)

MISSOURI.

KANSAS CITY—Brown Bed Mfg. Co. (Brass & Iron)
 ST. LOUIS—American Bed Co. (Brass & Iron), 18th & Park av
 Foster Bros. Mfg. Co. (Iron), Broadway & Buchanan
 Mellon & Storm Mfg. Co., 10th & Mul-lanphy
 Smith & Davis Mfg. Co. (Iron), 20th & Locust

NEW JERSEY.

BAYONNE—Knickerbocker Metallic Bed. Co.
 HOBOKEN—Eastern Bedstead Co. (Brass)
 JERSEY CITY—Mersereau Metal Bed Co., (Brass & Iron), 292 Johnston av
 New York Metallic Bedstead Co., 198 Pacific av
 NEWARK—American Metal Bed Co. ("Snow White"), 52 Clifton
 Newark Spring Mattress Co., 84 Madison

NEW YORK.

ALBANY—Hasselbarth C. O. (Brass & Iron)

BUFFALO—Barcalo Mfg. Co. (Brass & Iron)
 Hard Mfg. Co. (Iron), 117 Tonawanda
 Otis Bed Mfg. Co., 818 Main
 MECHANICSVILLE—Eckerson Bedding Co. (Iron)

NEW YORK CITY.**Borough of Brooklyn.**

BROOKLYN—Gasau Thompson Co., 10 Ashland pl
 Greenpoint Metallic Bed Co. (Brass & Iron), 226 Franklin
 Royal Metal Furniture Co. (Brass & Iron), 125 8th
 Schlesinger W. S. & Co., Richardson
 Stander Jacob (Brass), 251 Varet
 Weisglass Samuel, 119 West

Manhattan and The Bronx.

NEW YORK—Boulevard Brass Bed Co., 615 10th av
 Hall Frank A. & Sons (Im), 120 Baxter
 Hoffman Henry Spring Bed Co. (Iron), 396 Madison
 Hudson Metal Bed Co. (Brass & Iron), Lexington av & 46th
 Manhattan Metal Bed Co., 41 Tompkins
 New York Couch Bed Co., 418 W 25th
 Ostermoor & Co. (Brass & Iron), 116 Elizabeth
 Reliable Brass Bed Mfg. Co. (Brass), 103 Mott
 Rogers C. P. & Co. (Brass & Iron), 14 E 33rd
 Schlesinger W. & S. & Co. (Iron), 140 5th av

Borough of Queens.

LONG ISLAND CITY—Manhattan Bedding Co. (Brass & Iron), Anable av

ROCHESTER—Rochester Brass Bed Co. (Brass)

ROME—Rome Metallic Bedstead Co. (Brass & Iron)

TRUXTON—Bryant Furniture Co. (Iron)

UTICA—Foster Bros. Mfg. Co. (Iron, Brass & Wood)
 Hasselbarth-Whiton Co.

NORTH CAROLINA.

HIGH POINT—High Point Metallic Bed Co.
 WINSTON SALEM—Forsyth Iron Bed Co. (Brass & Iron)

OHIO.

ASHLAND—Kauffman Mfg. Co. (Iron)
 CINCINNATI—Hunt M. A. Co. (Brass & Iron), Dempsey & C. H. & D. Ry.
 Nunner & Ashton Co. (Brass & Iron), 641 Main
 CLEVELAND—Forest City Bedstead Co., 1197 W 67th

PENNSYLVANIA.

BUTLER—Pittsburgh Hickson Co.
 CORRY—Kurtz Brass Bed Co. (Ltd.)
 HARRISBURG—Boil Bros. Mfg. Co. (Brass & Iron)
 PHILADELPHIA—Bernstein Mfg. Co. (Brass & Iron), 3d & Westmoreland

Bunting J. R. Bedding Co. (Iron), 1505 Wharton
 Dougherty H. D. & Co. ("Faultless" Brass & Iron), 17th & Indiana
 McMahan Wm. H. (Brass & Iron), 244 S 2d

PITTSBURGH—Pittsburgh Metal Bed Co., 1136 Brown

Pittsburgh Tube Co. (Brass or Iron), Keystone bldg. Mills: Colona, Pa.

TENNESSEE.

CHATTANOOGA—Heron Iron Bedstead Co.

VERMONT.

SOUTH SHAFTESBURY—Eagle Square Mfg. Co. (Steel & Iron),

WASHINGTON.

KENT—Simplex Bed Mfg. Co. (Steel)
 TACOMA—Lock Rail Iron Bedstead Co. (Iron)

WISCONSIN.

FOND DU LAC—Winnebago Furniture Mfg. Co. (Iron)
 KENOSHA—Simmons Co. (Brass & Iron)

702—Bee Keepers' Supplies

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
 Dadant & Sons, Hamilton, Ill.
 Falconer W. T. Mfg. Co., Falconer, N. Y.
 Krétchmer Mfg. Co. (Bee Comb Foundations, Bee Hives, Honey Box Sections, Foundation Fasteners, Honey Boards, Honey Extractors, Bee Escapes, Wax Extractors, Bee Smokers, Rubber Bee Gloves, Bee Feeders, Wax Presses, Italian Bees, etc), Council Bluffs, Ia.
 Leahy Mfg. Co., Higginsville, Mo.
 Lewis G. B. Co., Watertown, Wis.
 Lotz August & Co., Boyd, Wis.
 Marshfield Mfg. Co., Marshfield, Wis.
 Root A. I. Co., Medina, O.

703—Beeswax

Bowdleaf W. H. Co., 69 Broad, Boston, Mass.
 Bromund E. A. Co., 356 W B'way, New York
 Candy & Co. (Bleachers & Refiners), 401 N Paulina, Chicago, Ill.
 Cathedral Candle Co., Syracuse, N. Y.
 Childs, Parr & Joseph (Imp), 60 Wall, New York
 Fuerst Bros. & Co. (Imported), 2 Stone, New York
 Gonzalez Andres (Imp), 82 Pine, New York
 Harburger & Stack (Imported), 27 Ferry, New York
 Innes, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*
 Jacob Chas. W. & Allison (Imp), 18 Cedar, New York
 Knapp Edw. J. Candle Co., Syracuse, N. Y.
 Marty F. & Co. (Bleachers & Refiners), Syracuse, N. Y.
 National Aniline & Chemical Co. (Imp), 100 William, New York
 Root A. I. Co., Medina, O.
 St. Louis Candle & Wax Co., 233 Market, St. Louis, Mo.
 Scheel Wm. H. (Imported), 159 Maiden la, New York
 Smith & Nichols (Imp), 121 Maiden la, New York
 Stevenson, Bro. & Co., 110 Race, Phila., Pa.
 Strahl & Pitsch (Imported), 141 Front, New York
 Whittemore-Wright Co. (Imported), Charleston, Boston, Mass.
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.
 Will & Baumer Co. (Bleachers & Refiners), Syracuse, N. Y.

703a—*Beeter Knives (Paper Mill)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

Beetles

See Mallets, Wooden

704—*Bell Cords

See also Cords, Trolley, Etc

ROEBLING'S, JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

705—Bell Founders

American Bell & Foundry Co. (Cast Steel), Northville, Mich.
 Bell C. S. Co., Hillsboro, O.
 Bevin Bros. Mfg. Co., East Hampton, Ct.
 California Brass Wks (Kingwell Bros.), 450 Natoma, San Francisco, Cal.
 Cincinnati Bell Foundry Co., 2933 Spring Grove av, Cincinnati, O.
 East Hampton Bell Co., E. Hampton, Ct.
 Fuller Frederic, 277 Brook, Providence, R. I.

Garratt W. T. & Co. 299 Fremont, San Francisco, Cal.
 Gong Bell Mfg. Co., East Hampton, Ct.
 Graham Jas. & Co., New Haven, Conn.
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Hill N. N. Brass Co., E. Hampton, Ct.
 McShane Bell Foundry Co., Hartford av & B. & O. R. R., Baltimore, Md.
 Meneely Bell Co., Troy, N. Y.
 Meneely & Co., Watervliet, N. Y.
 Mousley's Chas. Sons, 417 N 12th, Phila., Pa.
 New Departure Mfg. Co., Bristol, Conn.
See adv index at end of book
 Ross-Meehan Foundry Co., Chattanooga, Tenn.
 Starr Bros. Bell Co., East Hampton, Ct.
 Stuckstede Hy. Bell Foundry Co., 1312 S 2d, St. Louis, Mo.
 Van Dusen E. W. Co., 428 E 2d, Cincinnati, O.
 Waterbury Mfg. Co., Waterbury, Conn.
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

Bell Ringers

See Locomotive Bell Ringers

706—Bellows (Blacksmiths', Molders', Etc.)

Brand S. H. Co., 559 W Lake, Chicago, Ill.
 Bullock T. H. Mfg. Co., Cleveland, O.
 California Bellows Works, 416 Harriet, San Francisco, Cal.
 Charlotte Bellows Works, Charlotte, N. C.
 Christen Bellows & Mfg. Co. ("Christen"), Main & Dock, St. Louis, Mo.
 Cincinnati Bellows Works, 2211 Norwood av, Norwood, Cincinnati, O.
 Dobson Wm. (Molders' Calfskin), Canastota, N. Y.
 Flaccus Wm. Oak Leather Co., 1223 River av, Pittsburgh, Pa.
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
 Osborn Mfg. Co. (Molders' Only), 5405 E Hamilton, Cleveland, O.
 Paxson, J. W. Co., 1021 N Delaware av, Phila., Pa.
 Woodason Thomas (Blacksmiths' & Molders', etc), 2900 D, Phila., Pa.
 Woodison E. J. Co., Detroit, Mich.

707—*Bellows (Brass & Wood)

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book

708—Bells (Altar)

East Hampton Bell Co., East Hampton, Conn.
 Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
 Starr Bros. Bell Co., East Hampton, Conn.

709—Bells (Automobile & Bicycle)

See also Bells, Electric; also Bells & Gongs, Car, Etc.
 Bevin Bros. Mfg. Co., East Hampton, Conn.
 Gong Bell Mfg. Co., East Hampton, Conn.
 Mossberg Frank Co. ("Jitney," Also Carriage), Attleboro, Mass.
 New Departure Mfg. Co. ("New Departure" Bicycle Only), Bristol, Conn.
See adv index at end of book
 Reiter G. C., Canton, O.
 Starr Bros. Bell Co., East Hampton, Conn.

Bells (Cable End)

See Potheads & Sleeves

710—Bells (Call)

Gong Bell Mfg. Co., East Hampton, Conn.
 Hill N. N. Brass Co., East Hampton, Conn.
 Starr Bros. Bell Co., East Hampton, Conn.
 Sternau S. & Co., 160 John, Brooklyn, N. Y.

Bells (Chime)

See Bells, Church, Farm, Fire & School

711—Bells (Church, Farm, Fire & School)

American Bell & Foundry Co., Northville, Mich.
 American Model & Instrument Co ("Amico"), Worcester, Mass.

Bell C. S. Co. (Steel Alloy), Hillsboro, O.
 Blymer Iron Works Co., Spring Grove av & Township, Cincinnati, O.
 Cincinnati Bell Fdry. Co., 2933 Spring Grove av, Cincinnati, O.
 Durfee Walter H. & Co. (Tubular, Tower, etc), 151 Pond, Providence, R. I.
 Foote J. B. Foundry Co., Fredericktown, O.
 Gamewell Fire Alarm Telegraph Co. (Fire), Newton-Upper Falls, Mass.
 Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.
 Gibson & Kirk Co. (Farm), 217 Key Highway, Baltimore, Md.
 Lehr Agricultural Co., Fremont, O.
 McShane Bell Foundry Co., Hartford av & B. & O. R. R., Baltimore, Md.
 Meneely Bell Co., Troy, N. Y.
 Meneely & Co., Watervliet, N. Y.
 Mossberg Frank Co. ("Cuckoo" Tire, Electric & Vertical), Attleboro, Mass.
 New Departure Mfg. Co. ("New Departure" Fire for Apparatus on Buildings), Bristol, Conn.
See adv index at end of book
 Ross-Meehan Foundry Co., Chattanooga, Tenn.

St. Louis Bell Fdry. (High Grade), 2735 Lyon, St. Louis, Mo.
 Stuckstede Henry Bell Foundry Co., 1312 S 2d, St. Louis, Mo.
 Van Dusen E. W. Co., 428 E 2d, Cincinnati, O.
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

712—Bells (Cow & Sheep)

Bevin Bros. Mfg. Co., East Hampton, Conn.
 Blum Mfg. Co., Collinsville, Ill.
 East Hampton Bell Co., East Hampton, Conn.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
 Starr Bros. Bell Co., East Hampton, Conn.

713—Bells (Door & House)

See also Bells, Electric
 Bevin Bros. Mfg. Co., East Hampton, Conn.
 Bradley & Farnham ("Anchor," "Simplex"), Middlefield, Conn.
 Builders Supply Corp. (Door Rotary), 342 E Wash., Indianapolis, Ind.
 Curtiss Geo. L. Co. (Door), Southington, Conn.
 East Hampton Bell Co., East Hampton, Conn.
 Gong Bell Mfg. Co., East Hampton, Conn.
 Hill N. N. Brass Co., East Hampton, Conn.
 New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Reiter G. C., Canton, O.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Starr Bros. Bell Co. (Gong, Alarm, Rotary Door, Call, etc), East Hampton, Conn.

714—Bells (Electric)

American Model & Instrument Co. ("Amico"), Worcester, Mass.
 Ansonia Electrical Co. ("Eureka," "Wizard"), Ansonia, Conn.
 Bunnell J. H. & Co. ("Beeko"), 32 Park pl, New York
 Bryant Zinc Co., 600 Orleans, Chicago, Ill.
 Chicago Ry Signal & Supply Co., 122 S Michigan av, Chicago, Ill.
 Conn. Tele. & Elec. Co., 70 Britnia, Meriden, Conn.
 Cory Chas. & Son (Call), 286 Spring, New York
 Darche Mfg. Co. ("Howdy Do"), 15 N Jefferson, Chicago, Ill.
 Edwards & Co. ("Lungen," "Vigilant," "Recti"), Exterior & 140th, New York
 Electric Goods Mfg. Co. ("Victor," "Dandy," "Tyrolean"), Canton, Mass.
 Elec'l Sales Co., 176 Federal, Boston, Mass.
 Empire Transformer Co., 2723 N Clark, Chicago, Ill.
 Engineering Products Co., 40 Goldsmith av, Detroit, Mich.
 Ericsson Mfg. Co., Buffalo, N. Y.
 Gamewell Fire Alarm Tele. Co., Newton Upper Falls, Mass.

Holtzer-Cabot Electric Co. ("Berlin," "Hub-Dome"), Brookline, Mass.
 Keil Francis & Son ("Reliance," "Ampro"), 401 E 163d, New York
 Manhattan Electrical Supply Co. ("Nonpareil," "Utility," "Crescent," "Imperial," "Crescendo," "Monarch," "Monitor"), 17 Park pl, New York
MEAD ELECTRIC SIGNAL CO., 2056 E 4th, Cleveland, O.
 Menominee Elec. Mfg. Co., Menominee, Mich.
 New Departure Mfg. Co., 269 N Main, Bristol, Conn.
 Ostrander W. R. & Co., 371 B'way, New York
 P R Mfg. Co. ("Rex," "Marlo," "X X X," "Eclipse," "Ekla," "Straightline," "P R Weatherproof"), Detroit, Mich.
 Patrick & Wilkins Co., 45 N 7th, Phila., Pa.

Pearce Fred'k Co. (For Railway Signaling), 18 Rose, New York
 Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
 Reading Hardware Co. (Ring & Rotary Door), Reading, Pa.
 Russell Electric Co. ("Electric Whistle," "Freco"), Danbury, Conn.
 Samson Elec. Co., 146 Summer, Canton, Mass.
 Schwarze Electric Co., Adrian, Mich.
 Service Electric Co. ("Smith"), 122 S Michigan av, Chicago, Ill.
 Spies Elec. Wks, 564 W Vanburen, Chicago, Ill.
 Stanley & Patterson ("Faraday," "Skelton" & Enclosed Type), 23 Murray, New York
 Starr Bros. Bell Co. (Mechanical), East Hampton, Conn.
 Strong, Carlisle & Hammond Co. ("S. C. & H. Co."), 336 Frankfort av, N W, Cleveland, O.
 Western Electric Co. ("Hawthorne," Relay), 463 West, New York
 Wilhelm H., 70 Frost, Brooklyn, N. Y.

715—Bells (Engine)

Bevin Bros. Mfg. Co., East Hampton, Conn.
 Cory Chas. & Son, 286 Spring, New York
 Meneely & Co., Watervliet, N. Y.
 Reiter G. C., Canton, O.
 Starr Bros. Bell Co. (Locomotive Gongs, etc), East Hampton, Conn.
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
 Van Dusen E. W. Co., 428 E 2d, Cincinnati, O.
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

716—Bells (Fog)

Bevin Bros. Mfg. Co., East Hampton, Conn.
 Blymer Iron Works Co., Cincinnati, O.
 Starr Bros. Bell Co. (Binnacle & Signal), East Hampton, Conn.
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

717—Bells (Hand, Dinner, Etc.)

East Hampton Bell Co. (Call, Tea, etc), East Hampton, Conn.
 Starr Bros. Bell Co. (Auctioneers, School, Tea, etc), East Hampton, Conn.

Bells (Highway Crossing)

See Signals, Railway Crossing

Bells (House)

See Bells, Door & House

Bells (Light House)

See Bells, Fog

Bells (Locomotive)

See Bells, Engine

Bells (School, Fire & Factory)

See Bells, Church, Farm, Fire & School

718—Bells (Sleigh)

American Ring Co., Waterbury, Conn.
 Bevin Bros. Mfg. Co., East Hampton, Conn.

Brabson Bros., 47 Hamilton, Newark, N. J.
East Hampton Bell Co., East Hampton,
Conn.
Starr Bros. Bell Co. (Also Body Straps,
etc), East Hampton, Conn.

719— Bells (Telephone)

American Electric Co., 6401 S State, Chi-
cago, Ill.
Automatic Appliance Co. (Magneto), 172
Columbus av, Boston, Mass.
Bevin Bros. Mfg. Co., East Hampton,
Conn.
Bridgeport Brass Co. ("Magneto"), Bridge-
port, Conn.
Chicago Telephone Supply Co., Elkhart,
Ind.
Farr Telephone & Construction Supply Co.,
112 N 5th av, Chicago, Ill.
Holtzer-Cabot Electric Co., Brookline,
Mass.
Ladd W. C., Bristol, Conn.
Manhattan Electrical Supply Co., 17 Park
pl, New York
Menominee Electric Mfg. Co., Menominee,
Mich.
Plume & Atwood Mfg. Co., Waterbury,
Conn.
Schwarze Electric Co. ("Schwarze," Loud
Ringing Magnets Extension), Adrian,
Mich.
Stanley & Patterson Inc., 23 Murray,
New York
Utica Fire Alarm Telegraph Co., Utica,
N. Y.
Western Telephone Mfg. Co., 2843 Warsaw
av, Chicago, Ill.
Wilhelm Telephone Mfg. Co., Buffalo, N. Y.

720—Bells & Gongs (Car, Etc.)

Adams & Westlake Co., 319 W Ontario,
Chicago, Ill.
American Foundry & Mfg. Co. (Bronze),
11th & Herbert, St. Louis, Mo.
American Tube & Stamping Co., Bridge-
port, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Brill J. G. Co. ("Dedenda," Platform Gong
"Retriever," Signal Bell), 62d & Wood-
land av, Phila., Pa.
Consolidated Car Heating Co. (Single
Stroke Bells), Albany, N. Y.
Dayton Mfg. Co. ("Dayton," Gong), Day-
ton, O.
East Hampton Bell Co., East Hampton,
Conn.
Electric Appliance Co., 701 W Jackson
blvd, Chicago, Ill.
Electric Service Supplies Co. ("Keystone,"
Pneumatic Gong), 17th & Cambria,
Phila., Pa.
Glasgow Iron Co., Pottstown, Pa.
Gong Bell Mfg. Co., East Hampton, Conn.
Mossberg Frank Co. (& Clock), Attleboro,
Mass.
New Departure Mfg. Co. ("New Depart-
ure"), Bristol, Conn.
See adv index at end of book
Ohio Brass Co., Mansfield, O.
Pressed Steel Tank Co., Greenfield av,
Milwaukee, Wis.
Reiter G. C., Canton, O.
Ross-Mehan Fdry. Co., Chattanooga, Tenn.
St. Louis Car Co. ("St. Louis," Bells &
Gongs Made of Rolled Steel), 8000 N
B'way, St. Louis, Mo.
Starr Bros. Bell Co. ("Bartons"), East
Hampton, Conn.
Van Duzen E. W. Co. (Trip), 428 E 2nd,
Cincinnati, O.
Wall P. Mfg. Supply Co., 105 Prebleau,
Pittsburgh, Pa.
Wallace Supplies Mfg. Co. ("Standard,"
Steel Gongs), 412 Orleans, Chicago,
Ill.

721—Bells & Gongs (Unmounted)

American Foundry & Mfg. Co., 11th & He-
bert, St. Louis, Mo.
American Tube & Stamping Co., Bridge-
port, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
East Hampton Bell Co., East Hampton,
Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Mossberg Frank Co. (Steel & Pressed
Brass), Attleboro, Mass.
New Departure Mfg. Co. ("New Depart-
ure"), Bristol, Conn.
See adv index at end of book
Waterbury Mfg. Co., Waterbury, Conn.

722—Belt Cleaning & Rebuilding

Raniville F. Co., Grand Rapids, Mich.

723—*Belt Conveyor Trippers & Appliances

Jeffery Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av & P. &
R. Ry, Phila., Pa.
See adv index at end of book

723a— Belt Couplings (Round)

QUADRIGA MFG. & SPECIALTY CO.
(For Autos & Motor Cycles), 213 W
Grand av, Chicago, Ill.
See adv index at end of book

724— Belt Dressing

Akron Belting Co. ("Electric"), Akron, O.
ALEXANDER BROTHERS, 414 N 3rd,
Phila., Pa.
Allen W. D. Mfg. Co. ("Ajax," "Red
Cross"), 570 Lake, Chicago, Ill.
American Belting Co.'s, 1609 Gough, Balti-
more, Md.
American Fabric Belting Co. ("Nestor"
Solid Woven Waterproof Drive or Con-
veyor), Cleveland, O.
American Oil Co. ("Amoilco"), Jackson,
Mich.
American Oil Co. ("A. O. C."), 180 So
Water, Providence, R. I.
American Steam Packing Co. ("Ameri-
can"), 191 High, Boston, Mass.
Animal Oil Co. ("Animaloil"), Ontario nr
Delaware River, Phila., Pa.
Atlantic Mfg. Co. ("Atlantic" Leather),
Wilmington, Del.
Bachmann J. & Co. ("Imperial"), 16
Reade, New York
Badger Gas & Gasoline Engine Co., Kan-
sas City, Kans.
Barnum Bros. Co. ("Trojan," "Solar"),
Troy, N. Y.
Bayerson Oil Works ("20th Century"),
Erie, Pa.
Belden A. G. & Co. ("Pynolum"), 145
Malden la, New York
Beltine Chemical & Mfg. Co., 401 N San-
gamon, Chicago, Ill.
Billings-Brown Co., Cleveland, O.
Black Diamond Mfg. Co. ("Black Dia-
mond"), 1219 Bank, Cincinnati, O.
Bradford Belting Co. ("Monarch"), 2nd
& Walnut, Cincinnati, O.
Buffalo Specialty Co. ("Electric"), 375
Ellicott, Buffalo, N. Y.
Burr Oak Belting Co. ("Flexible"), 521
Livingston, Cincinnati, O.
Callahan Geo. & Co. ("Anti-Slip"), 218
Front, New York
Canfield Oil Co., Cleveland, O.
Carpenter Geo. B. & Co., 400 Wells, Chi-
cago, Ill.
Carton Belting Co. ("Carton"), 52 Everett,
Allston, Mass.
Cataract Refining & Mfg. Co. ("Cascade
Stick"), Buffalo, N. Y.
Chemical & Engineering Co. ("Red Drag-
on" Neutral), Watertown, N. Y.
Chesapeake Belting Co. ("Star"), 823 Mc-
Kim, Baltimore, Md.
Chesterton A. W. Co. ("Excelsior,"
"Castorol"), 64 India, Boston, Mass.
Chicago Belting Co., 125 N Green, Chicago,
Ill.
Climax Refining Co., Williamson bldg,
Cleveland, O.
Cling-Surface Co. ("Cling-Surface," "Eru-
sa" Liquid), Buffalo, N. Y.
Codd Tank & Specialty Co. ("Hug-tight"),
406 W Camden, Baltimore, Md.
Commercial Chemical Co., 212 Essex, Bos-
ton, Mass.
CORLISS MFG. & SUPPLY CO. ("C.C.C."),
1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Banner"), 174
Railroad, Cortland, N. Y.
Crandall Packing Co., Palmyra, N. Y.
Crescent Belt Fastener Co. ("Handy Bar"),
381 4th av, New York
Desmond-Stephan Mfg. Co. ("Stephan"),
Urbana, O.
DIXON JOSEPH CRUCIBLE CO. ("Dix-
on's Solid, Traction & Paste), Jersey
City, N. J. *See adv index at end of book*
Doermann-Roehrer Co. ("Do Ro"), 318 E
3rd, Cincinnati, O.
Druid Oak Belting Co. ("Primo," "Belt-
noslip"), 111 E Lombard, Baltimore,
Md.

Duryea Mfg. Co. ("W. W."), 309 B'way,
New York
Eagle Counter & Leather Co., 416 E 8th,
Cincinnati, O.
Eagle Oil & Supply Co. ("Eagleine Hold-
fast," "Victor"), 104 Broad, Boston,
Mass.
Ellert C. H., Evansville, Ind.
Etsweiler Wm. (Electric), 230 N 3d, Phila.,
Pa.
Fansher Bros. ("Perfection"), Dayton, O.
Franklin Co., Bound Brook, N. J.
Galloway G. W. ("Beltine"), 322 Pearl,
New York
Gandy Belting Co. ("Gandy"), 740 W
Pratt, Baltimore, Md.
Garlock Packing Co., Palmyra, N. Y.
Garnet Co. The (Liquid & Bars), Allen-
town, Pa.
Gold Walter C. ("The Page"), 235 Race,
Phila., Pa.
Goodyear Rubber Hose & Packing Co.
("Vulcan"), 241 Chestnut, Phila., Pa.
Grasplit Mfg. Co., 721 Wash. bl., Chicago,
Ill.
Graton & Knight Mfg. Co. ("Royal," Wor-
cester, "Star"), Worcester, Mass.
Gray Specialty Co. ("Gray's Velvet"), 148
Avon av, Newark, N. J.
Great Western Oil Co., Cleveland, O.
Grip-Tite Co. ("Grip-Tite"), New Bruns-
wick, N. J.
Hall-Thompson Co. ("Wonder Worker"),
Hartford, Conn.
Hercules Mfg. Co. ("Hercules 2 in 1"),
4328 Greenwood av, Chicago, Ill.
Hinds & Coon ("Hug-It"), 126 Pearl, Bos-
ton, Mass.
Houghton E. F. & Co. (Adhesive), 240 W
Somerset, Phila., Pa.
Hudson Belting Co. (Hudson Bar "Number
One"), Worcester, Mass.
Ironsides Co. ("Ironsides" Belt Shield),
Columbus, O.
Jewell Belting Co., Hartford, Conn.
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S
La Salle, Chicago, Ill.
Kendall Refining Co., Bradford, Pa.
Laurence Belting Co., 111 Chambers, New
York
Leather Preserver Mfg. Co., 542 W Jack-
son bl, Chicago, Ill.
Lynch Alonzo K. ("Champion"), 310
Flushing av, Brooklyn, N. Y.
Main Belting Co. ("Leviathan"), 1219
Carpenter, Philadelphia, Pa.
Manufacturers' Belt Hook Co. ("L-X,"
"Cracker Jack"), 113 N Green, Chi-
cago, Ill.
Manufacturers' Oil & Grease Co. ("Roy-
al"), Century bldg, Cleveland, O.
Modoc Co., Fernwood, Philadelphia, Pa.
Montgomery Bros. ("Paragon"), 45 S 2d,
Philadelphia, Pa.
Mt. Vernon Belting Co. ("Ease-On"), 333
Warren av, Baltimore, Md.
National Leather Mfg. Co. ("National" Oil
& Non-Slip), Niles, Mich.
New York Leather Belting Co. ("Phoenix"
Bar), 465 Kent av, Brooklyn, N. Y.
Nott W. S. Co. ("Old Hickory"), 2nd av
N & 3rd, Minneapolis, Minn.
Oleum Products Co., Scranton, Pa.
Page Belting Co. ("Crown" for Leather
Belts), Concord, N. H.
Palmer N. & Co. ("Charter Oak"), Bridge-
port, Conn.
Panama Oil & Grease Co. ("Panama,"
"Wheatley"), 159 W 51st, New York
Pechin Belting Co. ("Jim Dandy"), Fair-
mount & Front, Philadelphia, Pa.
Penna. Lubricating Co. ("Penn."), 34th
& A. V. R. R., Pittsburgh, Pa.
Peuchen Stanley C., N Tonawanda, N. Y.
Phoenix Oil Co. ("Green Seal" for Rubber
& Cotton), 2554 W 5th, Cleveland, O.
Philadelphia Belting Co., 6th & Spring
Garden, Phila., Pa.
Pike E. N. & Son ("Flexole"), 261 Frank-
lin, Boston, Mass.
Pittsburgh Gage & Supply Co. ("Fort Du-
quesne"), 30th & Liberty av, Pitts-
burgh, Pa.
Plomo Specialty Mfg. Co. ("Whitmore's"
"Plomo"), Cleveland, O.
Post E. L. & Co., 50 Cliff, New York
Raniville F. Co. ("Raniville's Wax"),
Grand Rapids, Mich.
Reed & Duecker ("R. & D."), Memphis,
Tenn.
Rhoads J. E. & Sons, 12 N 3d, Philadel-
phia, Pa.
Riebe Green Soap Co., Seattle, Wash.
Rock Products Equipment Corp., 42
Church, New York
See adv index at end of book

Rosendale-Reddaway Belting & Hose Co. ("Camel"), Newark, N. J.
 Ruboil Belting Co., 8th & Wallace, Philadelphia, Pa.
 Russia Cement Co. ("Signet"), Gloucester, Mass.
 Salisbury W. H. & Co. ("Apex"), 105 S Wabash av, Chicago, Ill.
 Savannah Supply Co. ("Strous" Liquid), Savannah, Ga.
 Sawyer Belting Co. (For Canvas Belts), ft. Lisbon rd, S E, Cleveland, O.
 Schieren Chas. A. Co. ("Beltfiller," Electric, "Flyfoot"), 30 Ferry, New York
 Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.
 Slipco, 38 Clifton, Newark, N. J.
 Smith-Courtney Co. ("Powhattan"), Richmond, Va.
 Snyder M. L. & Son (Swiftsure), 311 Market, Philadelphia, Pa.
 Sonneborn L. Sons ("Amalie" Frp Non-Slip Stick & Syrup for All Kinds of Belts), 262 Pearl, New York
 Southwick Geo. W. Co. ("Polar"), Stamford, Conn.
 Standard Leather Dressing Co. ("Soldco"), Trenton, N. J.
 Standard Oil Co. of N. Y. ("Eureka"), 555 W 25th, New York
 Staplin & Smith ("S. & S."), 359 W Austin, Chicago, Ill.
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.
 Steers Supply Co., 99 John, New York
 Stephenson Mfg. Co. (Bar), Albany, N. Y.
 Stevens Grease & Oil Co. (For Jobbing Trade Only), E 79th & Avrina av, Cleveland, O.
 Street J. D. & Co. ("Street Fraction"), 809 N 2nd, St. Louis, Mo.
 Sullivan Oil Co. ("Sullivan's Economic"), 413 Wells, Chicago, Ill.
 Superior Chemical Mfg. Co. ("Superior"), Grand Rapids, Mich.
 Texas Co. ("Texaco"), 17 Battery pl, New York
 Turner Chas. A., 3rd av & Chancery, Pittsburgh, Pa.
 Viscol Co. ("Viscol," "Clarol," "Lorol," "Tenol," "Traher"), Cambridge, Mass.
 Walton F. S. Co. ("Ox-Oil-Ox"), Orthodox & Delaware, Phila., Pa.
 Waterproof Paint Co., Watertown, Mass.
 Watt's Jno. M. Sons ("Nonpareil"), 54 N 2, Phila., Pa.
 White & Bagley Co. ("Neverslip"), Worcester, Mass.
 Whitlock Mfg. Co., 1506 W 112th, Cleveland, O.
 Wing J. T. & Co., 19 Woodward av, Detroit, Mich.
 Winn Wm. R. ("Winn"), 143 Maiden lane, New York
 Wolff Norbert Co. ("Wolff"), 40 Renwick, New York
 World Refining Co., Easton, Pa.
 Zurn O. F. Co. ("Royal," "Peerless"), Broad & Lehigh, Phila., Pa.

725— Belt Fasteners

ALEXANDER BROTHERS, 414 N 3d, Phila., Pa.

Angell Belt Hook Co. ("Wilson" & "Self-Clinching"), 16 Warren av, Providence, R. I.
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Black Diamond Mfg. Co. ("Black Diamond" Hinge), 1219 Bank, Cincinnati, O.
BRISTOL CO. ("Bristol's" Steel Belt Lacing), Waterbury, Conn.
See adv index at end of book
 Buffalo Specialty Co. ("Buffalo"), 375 Ellicott, Buffalo, N. Y.
 Clipper Belt Lacer Co. ("Clipper" Hooks), 1042 Front av, Grand Rapids, Mich.
See adv index at end of book
 Columbia Novelty Co. ("Stag," "Bulldog," "Flexible," "Dixie," Oval Point & Sewing Machine), St. Louis, Mo.
 Crescent Belt Fastener Co. ("Crescent"), 381 4th av, New York
 Dick R. & J. (Ltd.), ("Walker," "Jackson" Imported), Passaic, N. J.
 Flexible Steel Lacing Co. ("Turtle"), 522 S Clinton, Chicago, Ill.
 Forsyth Metal Goods Co., E Aurora, N. Y.
 Greene, Tweed & Co. ("Jones," "Jackson's" Improved Pointed, "Blake's" Studs), 109 Duane, New York
 Hart Mfg. Co., St. Louis, Mo.
 Hercules Mfg. Co. ("Star"), 4328 Greenwood av, Chicago, Ill.
 Hudson Belt Fastener Co. ("Ideal" Fastener, "Climax" Hooks), 103 Chambers, New York
 Jencks E. Mfg. Co. ("Hicks" Pointed, etc), Worcester, Mass.
 Jewell Belting Co. ("Potter," "Jones"), Hartford, Conn.
 Jones H. H. (Hook), Lancaster, N. H.
 Kenehan Steel Belt Fastener Co., 1252 W 3d, N W, Cleveland, O.
 Kerr & Co. ("A B C" Metallic), 114 Liberty, New York
 Manufacturers' Belt Hook Co. ("M. Covel," Oval Pointed, "Giant" Sewing Machine "L-X" Steel, "Eagle"), 113 N Green, Chicago, Ill.
 Morgan Spring Co. (Hook), Worcester, Mass.
 National Ring Traveler Co., (Hook), 257 W Exchange, Providence, R. I.
 Parker Wire Goods Co. (Pointed Belt & Sewing Machine Hooks), Worcester, Mass.
 Pickering Ridgway S. (Or Belt Hooks), Sharon Hill, Pa.
 Post E. L. & Co. ("Champion"), 50 Cliff, New York
 Pratt Wm. E. Mfg. Co. ("The Chicago" Wire), 35 W Lake, Chicago, Ill.
 Raniville F. Co., Grand Rapids, Mich.
 Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Ruboil Belting Co. ("Ruboil" Clinching Hook), 8th & Wallace, Phila., Pa.
 Sawyer Belt Hook Co. ("Jackson," "Wilson," "Church," "Sawyer"), Pawtucket, R. I.
 Smith F. P. & Co. ("Smithicks," Pointed & Wire Sewing Machine Belt Hooks, etc), Sharon Hill, Pa.

Snap Detachable Belt Fastener Co. ("Snap" Detachable), 301 Market, Newark, N. J.
 Southwick Geo. W. Co., Stamford, Conn.
STRONG MACHY. & SUPPLY CO., ("Chase" Couplers), 21 Walker, New York, N. Y. *See adv index at end of book*
 Talcott W. O. ("Wilson's" & Combination Clinching & "Acme"), 91 Sabin, Providence, R. I.
 Upson Nut Co., Cleveland, O.
 Voorhees Rubber Mfg. Co. (Plate Belt Fasteners or Hooks), 18 Bostwick av, Jersey City, N. J.
 Waters-Garland Co. ("Glover's" Belt Hooks), Louisville, Ky.
 Webb Hinge Belt Hook Co. (Hinge Joint), Boonton, N. J.
 Western Rawhide & Belting Co. ("Superior" Belt Hook for Round or Flat Belts), 600 S Pierce, Milwaukee, Wis.

726— Belt Filling

Chemical & Engineering Co. ("Red Dragon," Never Slip Belt Food for Filling & Waterproofing Leather & Canvas Belts), Watertown, N. Y.
 Garnet Co. The (& Preserver), Allentown, Pa.

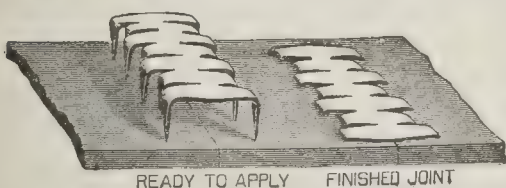
Belt Hooks

See Belt Fasteners

727— Belt Lacing

Akron Belting Co. (Wire & Rawhide), Akron, O.
ALEXANDER BROTHERS, 414 N 3d, Phila., Pa.
 Allen W. D. Mfg. Co. (Wire), 570 Lake, Chicago, Ill.
 American Belting Co.'s, 1609 Gough, Baltimore, Md.
 American Belting & Tanning Co. (Leather), 135 Oliver, Boston, Mass.
 American Lace Leather Co., Richmond, Va.
 Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.
 Barnes Henry K. Co. ("Crown" Rawhide & "Blueskin" Mineral Tanned), 234 Devonshire, Boston, Mass.
 Bay State Belting Co. (Rawhide & Indian Tanned Leather), 605 Atlantic av, Boston, Mass.
 Bickford & Francis Belting Co., Buffalo, N. Y.
 Birdsboro Steel Foundry & Machine Co. (Coiled Steel Wire & Rawhide Pins), Birdsboro, Pa.
 Bonner & Barnwell, 30 Church, New York
 Bradford Belting Co. ("Monarch"), 2d & Walnut, Cincinnati, O.
BRISTOL CO. ("Bristol's" Patent Steel), Waterbury, Conn.
See adv index at end of book
 California Tanning Co. ("Krom" Russian Tanned, "Peerless," "Star Brand" Rawhide), 1905 Shenandoah av, St. Louis, Mo.
 Capen Belting & Rubber Co., St. Louis, Mo.
 Central Belting Co., 151 Lafayette, New York
 Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.

TRADE MARK
BRISTOL'S
 REG. U. S. PAT. OFFICE.
PATENT STEEL BELT FASTENERS

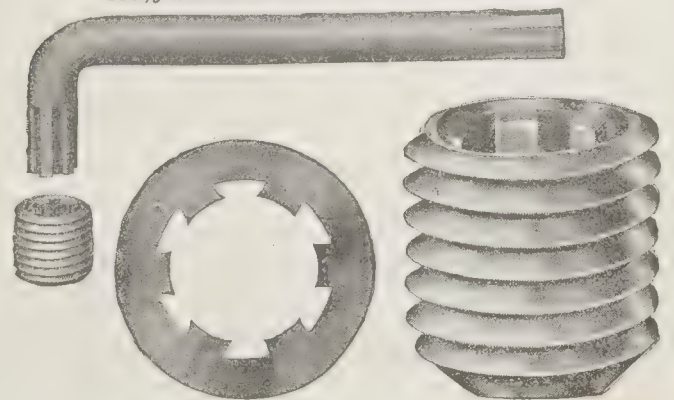


PATENT STEEL BELT LACING, OVAL POINTED BELT HOOKS, WIRE BELT LACING, PATENTED STEEL BELT PLATES, BI-FURCATED STEEL BELT RIVETS. Carried in stock by mill supply dealers

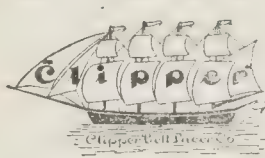
THE BRISTOL COMPANY
 WATERBURY, CONN., U. S. A.

The perfect fastener for all kinds of belts. Quickly and easily applied. No special tools required.

TRADE MARK
BRISTO
 MARK
PATENTED SAFETY SET SCREWS
 THE SET SCREWS WITH THE DOVE-TAILED FLUTES
 100% STRONGER THAN OTHER MAKES



Clipper Belt Lacer Co. ("Clipper's" System of Wire Hooks), 1042 Front av, Grand Rapids, Mich.
See adv index at end of book



70,000
"CLIPPER"
BELT LACERS
NOW IN USE
CLIPPER BELT LACER CO.
1042 Front Ave., Grand Rapids, Mich.

Columbia Novelty Mfg. Co. ("Star" Steel, Golden Rule Wire, Belt Lacing, "Bull Dog," "Flexible," "Dixie Oval Painted & Sewing Machine"), 1431 N 8th, St. Louis, Mo.
Coupe Wm. Co. (Ltd.) ("Excelsior" Raw Hide & Oak Tanned), South Attleboro, Mass.
Couse & Bolten, 44 Lafayette, Newark, N. J.
Etsweiler William, 230 N 3d, Phila., Pa.
Flexible Steel Lacing Co. ("Alligator" Flexible Steel), 522 S Clinton, Chicago, Ill.
Gay Fred E. (Rawhide Side & Cut Lace Leather), Thornton, R. I.
Graton & Knight Mfg. Co. ("Royal Worcester" Rawhide & Indian Tanned Lace Leather), Worcester, Mass.
Groezinger's G. Sons ("Helvetia"), Lancaster, Pa.
Hayden J. M. Co. ("Globe" Wire), Grand Rapids, Mich.
Hercules Mfg. Co. ("Hercules" Wire), 4328 Greenwood av, Chicago, Ill.
Holyoke Belting Co. ("Massasoit," "Pequot"), Holyoke, Mass.
Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.
Hudson Belt Fastener Co. ("Perfection" & "O. K." Wire), 103 Chambers, New York
Hudson Belting Co. (Rawhide & Indian Tanned Lace), 3 Eaton pl, Worcester, Mass.
Ireson Chas. L. (Leather), 221 High, Boston, Mass.
Jewell Belting Co. (Metallic Tipped), Hartford, Conn.
Kayser Raw Hide Co. ("Anchor" Raw Hide & Surface Tanned), 3914 N Broadway, St. Louis, Mo.
Kerr & Co. (Wire), 114 Liberty, New York
Ladew Edward R. Co. (Leather), 54 Franklin, New York
Malin & Co. (Composition Wire), Cleveland, O.
Manufacturers Belt Hook Co. ("L-X," "20th Century" Steel, "Eureka" Steel & Flexible, "Rainbow" Wire Belt Lace, "New Eureka"), 113 N Green, Chicago, Ill.
Missouri Belting Co. ("Victor" Rawhide), Grand & La Salle, St. Louis, Mo.
National Leather Belting Co. (Rawhide), 342 E 38th, New York
National Leather Mfg. Co. ("Wolverine," "Monogram" Tanned), Niles, Mich.
New York Belting & Packing Co., 91 Chambers, New York
New York Leather Belting Co. ("Victor," Rawhide, "Chrome," "Lion Brand"), 465 Kent av, Brooklyn, N. Y.
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.
Norwich Belt Mfg. Co. ("Defiance" Rawhide, "Samson," Indian Tanned, "Kromhyde," Chrome Tanned), Norwich, Conn.
Page Belting Co. ("Hercules"), Concord, N. H.
Palmer N. & Co. (Muleskin & Rawhide), Bridgeport, Conn.
Pechin Belting Co. ("Jim Dandy"), Fairmount & Front, Phila., Pa.
Peerless Rubber Mfg. Co., 31 Warren, New York
Philadelphia Belting Co., 6th & Spring Garden, Phila., Pa.
Rahmann Geo. & Co., 31 Spruce, New York
Ranville F. Co., Grand Rapids, Mich.
Rhoads J. E. & Sons ("Tannate"), 12 N 3d, Phila., Pa. Works: Wilmington, Del.

Salisbury W. H. & Co. ("Apex" Wire Lacing, "Blue Skin" Leather Lacing), 105 S Wabash av, Chicago, Ill.
Schieren Chas. A. Co. ("Glant," "Gowanus," "Duxbak"), 30 Ferry, New York
Shultz Belting Co. (Rawhide Lace Leather), Bismarck & Barton, St. Louis, Mo.
Sikes S. R. Co., 1030 S 3rd, Minneapolis, Minn.
Simmons Mfg. Co. (Coiled Wire), 77th & Lyons av, Phila., Pa.
Southern Belting Co., Atlanta, Ga.
Southwick Geo. W. Co. (Wire), Stamford, Conn.
Sumner Wm. Belting Co. (Leather), Tolland, Conn.
Upson Nut Co. (Metallic), Cleveland, O.
Van Riper Mfg. Co., Paterson, N. J.
Walker Chas. W. Sons & Co. (Lace Leather), 274 Market, Newark, N. J.
Weatherhead, Thompson & Co. (Rawhide), Pawtucket, R. I.
Western Rawhide & Belting Co. (Rawhide), 600 So Pierce, Milwaukee, Wis.
Williams I. B. & Sons ("Cocheo" Rawhide & "Oriole" Tanned), Dover, N. H.

728—Belt Lacing Machines

Birdsboro Steel Foundry & Machine Co. ("Jackson" Coil Wire), Birdsboro, Pa.
Clipper Belt Lacer Co. ("Clipper," "Baby"), 1042 Front av, Grand Rapids, Mich. *See adv index at end of book*
Peerless Belt Lacing Machine Co., Swanson & Moore, Phila., Pa.

728a—*Belt (Linemen's Tool)

SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York
See adv index at end of book

729—Belt Preservatives

See Belt Dressing

730—Belt Shifters

Brown A. & F. Co., 79 Barclay, New York.
Works, Elizabethport, N. J.
Builders' Iron Foundry ("Universal"), 9 Coddling, Providence, R. I.
Chandler & Farquhar Co. ("Pratt"), 36 Federal, Boston, Mass.
Cincinnati Tool Co. ("Pullet"), Norwood, Cincinnati, O.
See adv index at end of book
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Hagan L. T. ("Economy"), Winchester, Ky.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Le Blond R. K. Machine Tool Co. ("Le Blond" Mechanical), 4609 Eastern av, Cincinnati, O.
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
Mossberg Wrench Co. ("Sim-Pull," "Sim-Plex"), Central Falls, R. I.
Ready Tool Co. ("Safety First"), Bridgeport, Conn.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Ua.

Belt Stretching Machines

See Machinery

Belt Studs

See Belt Fasteners

731—Belt Tighteners

Adams Company, Dubuque, Ia.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co., 10 High, Boston, Mass.
Billings & Spencer Co., Hartford, Conn.
Brown A. & F. Co., 79 Barclay, New York.
Works: Elizabethport, N. J.
Burlingame A. Co., Worcester, Mass.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., 2278 Brook, Louisville, Ky. *See adv index at end of book*
Cresson Morris Co., Allegheny & 18th, Phila., Pa.
Davis F. M. Iron Works Co., Denver, Colo.
Diamond Iron Works, 2d & 18th av, Minneapolis, Minn.

Dodge Sales & Engineering Co., Mishawaka, Ind.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.
Filer & Stowell Co., 219 Becher, Milwaukee, Wis.
Goddell-Pratt Co., Greenfield, Mass.
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hoggson & Pettis Mfg. Co. ("Porter"), New Haven, Conn.
Hunt Rodney Machine Co., Orange, Mass.
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lane Mfg. Co. (Swing & Slide), Montpelier, Vt.
Lane & Bodley Co., Tennessee av & Pad-dock rd, Cincinnati, O.
LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Marseilles Co., East Moline, Ill.
Medart Patent Pulley Co. (Various Kinds), 3500 De Kalb, St. Louis, Mo.
Memphis Machine Works, Memphis, Tenn.
Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Southwick Geo., 9 Malden lane, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
U. S. Machine Co., Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

732—Belt Webbing

Buffalo Weaving & Belting Co., Buffalo, N. Y.
Hope Webbing Co., 1005 Main, Providence, R. I.

733—Belting Butts (Leather)

Central Leather Co., 17 Battery pl, New York
Deford Co. (Oak Bark Tanned), 42 S Calvert, Baltimore, Md.
England Walton & Co. (Oak Scoured), 3d & Vine, Phila., Pa.
Kistler, Lesh & Co. ("Dependable" Oak & Union Tanned Rough), 321 A, Boston, Mass.
Ladew, Jones Co. (Finished), 105 South, Boston, Mass.
Leas & McVitty (Scoured Texas Oil), 303 Vine, Phila., Pa.
McAdoo & Allen, 329 N 3d, Phila., Pa.
Rees' Hans Sons (Oak), 39 Frankfort, New York
Smoot C. C. & Sons Co. (Rough), Alexandria, Va.
Toxaway Tanning Co. (Rough), 26 Ferry, New York
United States Leather Co. (Oak Tanned), 17 Battery pl, New York

734—Belting Mfrs.

NOTE—The Various Kinds of Belting Manufactured by the Firms listed under this heading are indicated in the parentheses following their names.
For Dealers in Belting, see Mill & Factory Supplies

CALIFORNIA.

SAN FRANCISCO—Bowers Rubber Works ("Copper Queen," "Live Oak," "Reliance," "Sunset" Rubber), 68 Sacramento
Cook H. N. Belting Co. ("Golden State" Leather & Rawhide), 317 Howard
Degen L. P. Belting Co. (Leather), 258 Mission
Helms Alex. Belting Co. (Leather & Rawhide), 2413 Harrison
Kelly-Linehan Belting Co., 33 Minna
Pacific Mill & Mine Supply Co., 616 Mission
Page Belting Co. (Rubber, Cotton & Leather), 587 Market

CONNECTICUT.

BRIDGEPORT—Palmer N. & Co. ("Char-
ter Oak," "Water Witch," "Cli-
max" & "Apex")
HARTFORD—Jewell Belting Co. (Leather)
MIDDLETOWN—Russell Mfg. Co. (Solid
Cotton)
NEW HAVEN—Coe & Brown (Leather)
NORWICH—Norwich Belt Mfg. Co. (Oak
Tanned)
Ulmer Leather Co. ("Sachem" Oak
Leather)
STAMFORD—Southwick Geo. W. Co. (Re-
inforced Double)
TOLLAND—Sumner Wm. Belting Co.
("Underwood," Patent Cotton
Leather Belting, Watch Twist, An-
gular or V, Round Solid, Plain
Cotton & Round Twist)

DELAWARE.

WILMINGTON—Atlantic Mfg. Co. (Second
Hand Leather)
McComb Thos. (Leather), 209 Shipley
Rhoads J. E. & Sons (Leather), 11th
& B. & O. R. R. (See Phila., Pa.)

GEORGIA.

ATLANTA—Kelly-Jordan Belting Co.
(Leather)
Southern Belting Co. (Leather)

ILLINOIS.

CHICAGO—Allen W. D. Mfg. Co. (Leath-
er), 570 W Lake
Ashland Mfg. Co., W 43d & S Her-
mitage av
Chicago Belting Co. ("Reliance" &
"Sea Lion" Waterproof Leather),
125 N Green
Chicago Rawhide Mfg. Co. ("Krome"
& Rawhide Leather), 1301 Elston
av
Fairbanks, Morse & Co. ("Eclipse" &
"Star," Leather, "Chief," Rubber),
900 S Wabash av
Fensholt & Fechner, 16 S Clinton
Hercules Mfg. Co., 4328 Greenwood av
Lynch Edw. & Co. (Leather), 31 S
Clinton
McCanley Belting Co. ("Shield" &
"Marine" Leather), 412 Orleans
Mechanical Rubber Co. ("Elephant" &
"Bengal" Rubber), 307 W Ran-
dolph
Moloney Belting Co. ("M" Leather),
301 W Randolph
Paris Belt & Novelty Co. (Leather),
231 N 5th av
Salisbury W. H. & Co. (Leather), 105
S Wabash av
Woodcock Bros. (Leather), 165 N Jef-
ferson

INDIANA.

EVANSVILLE—Evansville Leather & Belt-
ing Co. (Leather)
HAMMOND—McIlroy Belting & Hose Co.
("Rubber-ite" Canvas)
INDIANAPOLIS—Duckwall Belting &
Hose Co. ("Duro" Leather), 201
N West
Hide, Leather & Belt Mfg. Co. ("Volt"
Machine Oak Tanned, "Wetprufe,"
Waterproof, Chrome, Dynamo
Leather), 227 S Meridian

KENTUCKY.

LOUISVILLE—Cowan Andrew & Co.
("Tiger" Leather)

LOUISIANA.

NEW ORLEANS—Southern Belting Co.
of New Orleans, La. (Leather),
602 S Peters
SHREVEPORT—Gulf States Belting &
Hose Co. (Leather)

MAINE.

LEWISTON—Dickey Belting Co. (Leather)

MARYLAND.

BALTIMORE—American Belting Co.'s
("Alpha" Heavy Canvas), 1609
Gough

Baltimore Belting Co. ("Balto-belt"
Oak Bark Tanned and "Navy Spe-
cial"), 115 W. Lombard
Chesapeake Belting Co. (Stitched Can-
vas), 823 McKim
Druid Oak Belting Co. ("Druid Primo"
Pure Chestnut; Oak Tanned, Acid,
Water & Steam Proof), 111 E
Lombard
Gandy Belting Co. (Stitched Cotton
Duck), 740 W Pratt
Maryland Belting & Packing Co., (Lea-
ther), 1626 Bank
Mount Vernon Belting Co. ("Mt. Ver-
non" & "Obstitch" Stitched Can-
vas), 333 Warren av

MASSACHUSETTS.

BOSTON—American Belting & Tanning Co.
("Aquamarine" Water Proof Min-
eral Tanned Leather, Oak Tanned
Leather), 135 Oliver
Barnes Henry K. Co. (Oak & Mineral
Tanned Leather, Steam & Water
Proof), 234 Deconshire
Bay State Belting Co. (Oak & Indian
Tanned Leather), 605 Atlantic av
Boston Belting Co. ("Imperial"
Stitched, "Excelsior Red Friction,"
"Elmwood," "Special Excelsior,"
"Boston," "Niagara," "Trimount,"
"Universal," "Gutta Balata,"
"Flexite Balata," Conveyor, Ele-
vator), 84 Linden Park
Carton Belting Co. (Stitched Canvas),
Alls.
Globe Leather Belting Co. (Leather),
519 Atlantic av
Hunt Henry C. Co. (Leather), 135
Oliver
Ireson Chas. L. ("Anhydrous" Chrome
& Tanned Leather), 221 High
Revere Rubber Co. (Giant, Seamless &
Stitched Rubber), 60 High
Shackley W. T. & Son Co. ("Velvet"
Oak Tanned Leather), 42 High
CAMBRIDGE—Boston Woven Hose &
Rubber Co. ("Perfection" Rubber
Belting Constructed of Fine Closely
Woven Duck; also "Bull Dog,"
"Dandy," "Helmet," "Plymouth,"
"Bay State," "Service," "Raw,"
"Tiger," "Bison," "Vigo," "Utah,"
"Congress," & "Senate" Belting)
FALL RIVER—Hervey F. L. & Co. (Oak
Tanned Leather)
Union Belt Co. (Oak Tanned)
HOLYOKE—Holyoke Belting Co. (Short
Lap Oak Leather & Submarine &
Waterproof Leather)
HUDSON—Foulds I. & Son (Chrome
Waterproof Leather)
LAWRENCE—McLanathan F. W. & Son
(Leather)
Olmstead-Flint Co. ("Pace-Maker,"
"Velap," "Steerstock," "Velocity"
Leather), 32 Water
LOWELL—Turner J. S. Mfg. Co. ("Royal
Oak" Oak Tanned Leather)
Whiting Henry F. (Oak Tanned Lea-
ther)

NORTH CHELMSFORD—North Chelms-
ford Machine & Supply Co. (Oak
Tanned Leather)
SOUTH ATTLEBORO—Coupe Wm. Co.,
(Ltd.) ("Excelsior" Raw Hide)
SPRINGFIELD—Springfield Belting & Sup-
ply Co. (Leather)
WORCESTER—Graton & Knight Mfg.
Co. ("G. & K." "Heart," "Grak-
night," Pryzoak" Brand, Oak and
Indian Leather)
Hudson Belting Co. ("Mermaid,"
Waterproof, Stretched Oak, Min-
eral & Indian Tanned Leather),
3 Eaton pl
Oak Tanned)

MICHIGAN.

DETROIT—Detroit Oak Belting Co. (Oak
Tanned, Short Lap) 266 Wight
Edwards H. D. & Co. (Leather), 16
Woodward av
Wing J. T. & Co. (Oak Tanned
Leather), 19 Woodward av
GRAND RAPIDS—Ranville F. Co. (Flat
Rounded, Finished, Twisted,
Built-up Solid Rounded; Acid
Proof Water & Oil Proof, & Sew-
ing Machine Leather Belting)
JACKSON—Central Distributing Co.
NILES—Acme Belting Co. ("Black Dia-
mond," "Atlas" Canvas, Stitched)
National Leather Mfg. Co. ("National"
Tan & Full Oak Tan, etc)

MINNESOTA.

MINNEAPOLIS—Nott W. S. Co. ("Dia-
mond" Oak Tanned Leather, "Blue
Stone"), 2nd av N & 3rd
Plant Rubber Co. (Rubber), 322 1st
av N
Sikes S. R. Co. (Leather), 1030 S 3rd

MISSOURI.

KANSAS CITY—Webb Bros. Belting Co.
(Oak Tanned Leather), 1304
Union av
ST. LOUIS—Bennett, Dreyer Buss. Belting
Co., 3110 N 11th
Byrnes Belting Co. (Leather, Canvas
& Rubber), 2109 Locust
Capen Belting & Rubber Co. ("Edge-
On," Laminated Leather), Main
& Chestnut
Cornelius Mill Furnishing Co. (Oak
Tanned Leather), 1119 N 6th
Missouri Belting Co. (Oak Tanned
Leather), Grand & La Salle
National Belting & Hose Co., 13th &
Pine
Shultz Belting Co. (Rawhide & Wov-
en Leather), Bismarck & Barton
Union Belting Co., 400 N 2nd

NEW HAMPSHIRE.

CONCORD—Page Belting Co. (Leather)
DOVER—Williams I. B. & Sons ("Coch-
eco," Oak-Tanned Leather)

NEW JERSEY.

BLOOMFIELD—Combination Rubber Mfg.
Co. ("Indestructine," Bloomfield,"
"Franklin," "Mandarine," "Glen-
wood," "Essex," & "Trinity"
Rubber)
Crisp Jas. & Co. (Round & Twist, etc)
HAMILTON SQUARE—Mercer Rubber Co.
("Mercer," "Hudson," "Salem,"
"Essex")
JERSEY CITY—Eureka Fire Hose Mfg.
Co. (Cotton Machine), Wilkinson
av
N. J. Car Spring & Rubber Co. ("Gla-
diator" Quilt Stitched), 91 Bruns-
wick
Voorhees Rubber Mfg. Co. (Rubber,
"Criterion," "Union," "Federal,"
"Bostwick," "American," "Con-
queror," "Corliss," "Sensation,"
"Clairmont," "Power"), 18 Bost-
wick av
NEWARK—Couse & Bolten (Oak Tanned
Leather), 44 Lafayette
Meier-Andres Belting Co. (Leather),
301 Market
Meier's Joseph Sons (Leather, "Steer
Brand"), 256 Market
Mount & Brady (Leather), 46 Me-
chanic
Rossendale-Reddaway Belting & Hose
Co. ("Sphinx" & Other Brands of
Stitched Canvas Belting; also the
"Camel Hair")
Walker Chas. W. Sons & Co. (Oak Tan-
ned Leather), 274 Market

When writing to firms
whose names appear
in this book please
mention

HENDRICKS'
COMMERCIAL
REGISTER.

PASSAIC—Dick R. & J. (Ltd.) ("Dick-belt," Original Balata Belt)
 Manhattan Rubber Mfg. Co. ("Condor" Rubber)
PATERSON—Van Riper Mfg. Co. (Oak Leather)
TRENTON—Acme Rubber Mfg. Co. (Rubber)
 Empire Tire & Rubber Corp. ("Alabama," "Amazon," "Empire's Best," "Empire Friction," "Indestructible," "La Salle," "Merri-mac," "Model," "Monitor" & "Standard," Rubber Stitched or Plain), East Trenton
See adv index at end of book

Boroughs of Manhattan and Bronx.

NEW YORK—Bachmann J. & Co. (Oak Tanned Short Lap Leather), 16 Reade
 Ballard Stephen Rubber Co., 90 W B'way
 Bonner & Barnewall ("Perfection," Reinforced Lap Oak Tanned Leather), 30 Church
 Boyle John & Co. (Solid Woven Cotton, Rubber Filled), 112 Duane
 Central Belting Co. (Leather), 151 Lafayette
 Duryea Mfg. Co. ("Wooster's" Cotton Waterproof), 309 B'way
 Goodrich B. F. Co. ("Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon"), 1780 B'way
 Goodyear Rubber Co. & Rubber Clothing Co. (Rubber), 787 B'way.
 Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Red Strip," "Montana," "Mohawk," "Sagamore" Rubber, Montana Stitched Duck, Seamless Cover), 126 Duane
 Johnson Belting Co. (Leather), 342 E 38th
 Ladew Edward R. Co. ("Hoyt," "Flintstone" Short Lap Oak Tanned Belting), 54 Franklin
 Laurence Belting Co. ("Pyramid," "Essex"), 111 Chambers
 Manhattan Belting Co. (Leather), 329 Lafayette
 Mechanical Rubber Co. (Rubber), 73 Reade
 National Leather Belting Co. (Oak Tanned), 342 E 38th
 New York Belting & Packing Co. (Rubber), 91 Chambers
NEW YORK RUBBER CO. (Rubber), 225 W Randolph, Chicago, Ill., Reade & Church, New York
 Peerless Rubber Mfg. Co. ("Rainbow," Rubber), 31 Warren
 Rahmann Geo. & Co. (Leather), 31 Spruce
ROBINS CONVEYING BELT CO. (Rubber), 13 Park Row
See adv index at end of book
 Rock Products Equipment Corp. (Rubber), 42 Church, New York
See adv index at end of book
 Scandinavia Belting Co. ("Scandinavia" Solid Woven Cotton), 106 Reade
 Schieren Chas. A. Co. ("Royal Extra," "Bull's Head," "Electric," Oak-Tanned & "Duxback" Steam & Water Proof), 30 Ferry
 Schwartz Belting Co. (Leather), 76 Murray
 Shoemaker W. H. & Son (Rondo & Oak Tanned Leather Belting), 36 Vesey
STRONG MACHINERY & SUPPLY CO. ("Strong's Tisafine"), 21 Walker. *See adv index at end of book*
 Zimmer Conrad (Leather), 70 Fulton
 (End of New York City)

PALMYRA—Crandall Packing Co.
ROCHESTER—Cross Bros. & Co. (Leather)
 Empire Weaving & Belting Corp. ("Tuftex" Solid Cotton), East Rochester
See adv index at end of book
 Forster John M. Co. (Leather)
SYRACUSE—Syracuse Supply Co. (Oak-Tanned Leather)
TROY—Barnum Bros. Co. ("Tan-Rep." "Rex," "Barbraco" Leather)
 Troy Belting & Supply Co. (Leather)
UTICA—Smyth-Despard Co. ("Royal Oak," "Chieftain" & "True Oak" Oak-Tanned Leather)

NORTH CAROLINA.

CHARLOTTE—Charlotte Leather Belting Co.

OHIO.

AKRON—Akron Belting Co. (Leather, "Akron" Brand)
 Goodrich B. F. Co. (Rubber) ("Commander," "Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon")
 Goodyear Tire & Rubber Co. ("Balata" Canvas)
CINCINNATI—Bradford Belting Co. ("Monarch" Leather), 2nd & Walnut

Burr Oak Belting Co. ("Burr," Oak "Square Deal" Tanned Leather), 521 Livingston
 Cincinnati Rubber Mfg. Co. ("Arno," "Broncho," "Consul," "Hontas," "Norwood," "Pacemaker," "Pawnee," Plain, Friction, Surface Rubber "Sandow"), Franklin av
 Curry J. W. Co. ("Curry" Fabric, Endless), 2615 Cummins
 Eagle Counter & Leather Co. (Leather), 416 E 8th
 Franklin Cotton Mill Co. (Cotton), Plum & Charles
 Mooney Belting Co. (Leather), 844 W 6th
 Regal Belting Co. (Leather), 2520 Spring Grove av
CLEVELAND—Buckeye Belting & Supply Co. (Leather), 1560 W 3rd
 Canvas Belting Co.
 Cleveland Fabric Belting Co., 1471 W 110th
 Mau-Sherwood Supply Co. ("Republic," "Erie" Oak Tanned Leather)
 Mechanical Rubber Co. (Rubber), ft Lisbon rd, S E
 Sawyer Belting Co. (Canvas Stitched), Ft. Lisbon, S E
COLUMBUS—JEFFREY MFG. CO. ("Century" Rubber), 961 N Fourth
See adv index at end of book
ELYRIA—National Belting Co. ("Textol" Canvas)
TOLEDO—Hettrick Mfg. Co. ("Hettrick's" Canvas Stitched & Sewed Cotton Duck, "Inner Duck" Leather)
YOUNGSTOWN—Republic Rubber Co. (Rubber)

OREGON.

PORTLAND—Davis-Scott Belting Co. (Leather), 240-260 Hawthorne av
 Lambert Multiplus Co., 110 Union av

PENNSYLVANIA.

CHESTER—Consolidated Belting Co.
MANHEIM—MANHEIM MFG. & BELTING CO. ("Veelos")
PHILADELPHIA—ALEXANDER BROS. (Oak Tanned), 414 N 3d
 Arny C. W. & Son (Oak Tanned), Trenton & Somerset
 Barlow Bros. (Leather), 543 N 64th
 Billington J. H. Co. ("Danforth" Leather), 113 Chestnut
BOND CHAS. CO. (Leather), 520 Arch
 Brown D. P. & Co. ("Teon," made in England), 264 N 4th
 Etsweiler William ("Alas Balata," Leather), 230 N 3d
 Fisher Leather Belting Co., 221 N 3d
 Gilmer L. H. Co. ("Keystone" & "Vincent" Solid Cotton), Tacony
 Goodrich B. F. Co. ("Goodrich," "Pilgrim," "Pinnacle," "Cycle," "Rob Roy," "Marathon") Broad & Sp. Garden
 Himmeli & Bailey (Leather), 248 Chestnut
 Hood R. H. Co. ("Marathon" Leather), 1842 Germantown av
 Industrial Requirements Co. ("Apex" Chrome Leather), 136 Chestnut
 Johns H. W.-Manville Co. ("J-M," Rubber & Duck), 23 N 2d
 Main Belting Co. ("Leviathan," Canvas), 1219 Carpenter
 Paulus Jos. C. & Co. (Leather), 2507 Potter
 Pechin Belting Co. ("None-Such" Oak Leather & Chrome), Fairmount & Front
 Quaker City Rubber Co. ("Ironsides" Rubber), 629 Market
 Restein, Clement Co. (Rubber, etc), 139 N 2d
 Rhoades J. E. & Sons, 12 N 3d. Works: Wilmington, Del.
 Richie, Crawford Co. (Leather), 414 N 3d
 Ruboil Belting Co. ("Ruboil"), 8th & Wallace; Factory: Newark, N. J.
 Wise & Bailey (Leather), 108 Walnut
PITTSBURGH—Colonial Supply Co., 414 1st av
 Hartley-Ross Belting Co. (Leather), 425 1st av
WILLIAMSPORT—Slate's Geo. Sons
RHODE ISLAND.
BRISTOL—National India Rubber Co. (Rubber)
PAWTUCKET—Bucklin C. R. Belting Co. Weatherhead, Thompson & Co. (Leather)

Rubber Belting

FOR ALL PURPOSES

Conveyor, Thresher, Dynamo, etc.

EMPIRE Rubber and Tire Co.

Main Office and Factory
 EAST TRENTON, N. J.

See list of branch offices in
 advertisers' index at
 end of book

Hamilton Rubber Mfg. Co. (Rubber)
 Home Rubber Co. (Rubber)
 Lanning Geo. W. (Oak Leather, etc)
 Thermoid Rubber Co. ("Thermoid" Rubber, Asbestos Covered, etc)
 United & Globe Rubber Mfg. Co. ("U & G"), (Rubber)
 Whitehead Bros. Rubber Co. (Rubber)
 Woven Steel Hose & Rubber Co. (Rubber)

NEW YORK.

ALBANY—Albany Belting & Supply Co.
BUFFALO—Bickford & Francis Belting Co. ("B, C & D" & "B & F" Leather), 55 Pearl
 Buffalo Belting Works (Leather), 18 Ellicott
 Buffalo Weaving & Belting Co. (Solid Cotton Machine, 2 to 10 Ply: "R F & C," Patented)
 Hewitt Rubber Co. (Rubber & Stitched)
 Peerless Belting Co., Indian Church rd
EAST ROCHESTER—Empire Weaving & Belting Corp. ("Tuftex" Solid Cotton Woven)
See adv index at end of book
LOCKPORT—Empire Mfg. Co. ("Empire" Solid Cotton)

NEW YORK CITY. Borough of Brooklyn.

BROOKLYN—Brooklyn Leather Belting Co., 42 S 6th
 New York Leather Belting Co. ("Phoenix" Leather), 465 Kent av

TENNESSEE.

MEMPHIS—Reed & Duecker ("U. S." Oak Tanned Leather & "Hippo." Water Proof Leather Belting)

TEXAS.

FORT WORTH—Fort Worth Well Machy. & Supply Co.

VIRGINIA.

RICHMOND—Richmond Leather Mfg. Co. (Leather)
Virginia Leather Co. (Oak Tanned)

WISCONSIN.

MILWAUKEE—Milwaukee Leather Belting Co., 499 12th
Rasmussen Julius, 111 W Water
Western Raw Hide & Belting Co. ("White" Rawhide & "Superior" Surface Tanned), 600 So Pierce

735—Belting Mfrs. (Acid Proof)

Acme Belting Co. ("Black Diamond" Canvas Stitched), Niles, Mich.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Combination Rubber Mfg. Co. ("Indestructine"), Bloomfield, N. J.
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Druid Oak Belting Co. ("Dobco" Oak Tanned), 111 E. Lombard, Baltimore, Md.
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
Graton & Knight Mfg. Co. ("G. & K.," "Spartan"), Worcester, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hide, Leather & Belt Mfg. Co. ("Wet-prufe"), 227 So Meridian, Indianapolis, Ind.
Home Rubber Co., Trenton, N. J.
Ranville F. Co., Grand Rapids, Mich.
Rossendale-Reddaway Belting & Hose Co. ("Camel Hair"), Newark, N. J.
Shultz Belting Co. ("Aqua"), Bismarck & Barton, St. Louis, Mo.

Belting Mfrs. (Angular)

See Belting Mfrs.

736-7—Belting Mfrs. (Balata)

Boston Belting Co. ("Gutta-Balata," "Flexite Balata"), 84 Linden Park st, Boston, Mass.
Chesapeake Belting Co. ("Chebeco"), 823 McKim, Baltimore, Md.
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Goodyear Tire & Rubber Co. ("Good-year"), Akron, O.
Imperial Belting Co. ("Pyramid-Balata"), 400 N Lincoln, Chicago, Ill.
Empire Rubber & Tire Co. ("Champion"),
MANHEIM MFG. & BELTING CO. ("Vee-los"), Mannheim, Pa.
Olmstead-Flint Co., Lawrence, Mass.
Republic Rubber Co. ("Lanco"), Youngstown, O.
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
STRONG MACHINERY & SUPPLY CO. ("Tisafine"), 21 Walker, New York
See adv index at end of book
Victor-Balata & Textile Belting Co. ("Victor-Balata") 38 Murray, New York

738—Belting Mfrs. (Canvas, Rawhide Center)

National Leather Mfg. Co., Niles, Mich.

739—Belting Mfrs. (Canvas Stitched)

Acme Belting Co. ("Atlas"), Niles, Mich.
American Belting Co.'s ("Alpha"), 1609 Gough, Baltimore, Md.
Boston Woven Hose & Rubber Co. ("Milo," "Junior"), Cambridge, Mass.
Carton Belting Co. ("Carton" (Red), "Car-zack" (Black) Stitched Canvas), 52 Everett, Allston, Mass.

Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co. (Straight & Serpentine Stitched), Bloomfield, N. J.
Empire Tire & Rubber Corp. ("Champion"), East Trenton, N. J.
See adv index at end of book
Gandy Belting Co. ("Gandy"), 740 W Pratt, Baltimore, Md.
Goodrich B. F. Co., Akron, O.
Hettrick Mfg. Co., Toledo, O.
Home Rubber Co., Trenton, N. J.
Imperial Belting Co. ("Rexall," "Sahara"), 400 N Lincoln, Chicago, Ill.
McIlroy Belting & Hose Co. ("Rubber-ite"), Hammond, Ind.
Main Belting Co. ("Leviathan"), 1219 Carpenter, Phila., Pa.

MANHEIM MFG. & BELTING CO. (Hemeke), Mannheim, Pa.
Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.
National Belting Co. ("Textol," "Black Devil," "Pyramid" and "Red Jacket"), Elyria, O.
National Leather Belting Co., 342 E 38th, New York
New Jersey Car Spring & Rubber Co. ("Gladiator" Quilt), 91 Brunswick, Jersey City, N. J.
Olmstead-Flint Co. ("Pennant," "Ensign"), Lawrence, Mass.
Page Belting Co., Concord, N. H.
Peerless Rubber Mfg. Co. ("Royal," "Crown"), 31 Warren, New York
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
Rossendale-Reddaway Belting & Hose Co. ("Sphinx" & Other Brands), Newark, N. J.
Ruboil Belting Co., 8th & Wallace, Phila., Pa.
Sawyer Belting Co. (Roll & Endless), ft Lisbon rd, S E, Cleveland, O.
Victor Balata & Textile Belting Co. ("Ampere," "White Seal," "Trough Con"), 38 Murray, New York
Voorhees Rubber Mfg. Co. (Stitched Cotton Duck), 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.

740—Belting Mfrs. (Chain Link)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co. ("Griplock"), Milwaukee, Wis.
Diamond Chain & Mfg. Co., Senate av & Georgia, Indianapolis, Ind.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Federal Malleable Co. (Malleable Iron), West Allis, Wis.
Franklin Park Foundry Co. (Detachable), Franklin Park, Ill.
Herschel R. Mfg. Co., Peoria, Ill.
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO. (Steel), 961 N 4th, Columbus, O. *See adv index at end of book*
LINK-BELT CO. ("Ewart" Detachable & Pintle Chain), 39th & Stewart av, Chicago, Ill.; Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Link Chain Co. ("Arrow Brand" Detachable Chain), Williamsport, Pa.
Locke Steel Belt Co., Bridgeport, Conn.
Mey Chain Belt Co., Buffalo, N. Y.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
National Leather Belting Co., 342 E 38th, New York
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Stowell Co. The (Malleable Iron), S Milwaukee, Wis.
Union Chain & Mfg. Co., Seville, O.
Union Engineering Co., 1616 Columbus rd, Cleveland, O.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
Whitaker Mfg. Co., 409 S Green, Chicago, Ill.

Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
Whitney Mfg. Co., Hartford, Conn.
Wisconsin Iron & Wire Works (For Pulp Mills), Milwaukee, Wis.

741—Belting Mfrs. (Conveyor)

See also Conveyors, Belt; Belting, Canvas Stitched; Belting, Rubber; Belting, Chain Link
Boston Belting Co. (Balata & Rubber), 84 Linden Park, Boston, Mass.
Burrell Belting Co. (Solid Woven Cotton, 1413 S Hermitage av, Chicago, Ill.
Chain Belt Co. ("Griplock"), Milwaukee, Wis.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Goodrich B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.
Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
MANHEIM MFG. & BELTING CO. ("Python"), Mannheim, Pa.
NEW YORK RUBBER CO., 225 W Randolph, Chicago, Ill., Reade & Church, New York
Quaker City Rubber Co., 629 Market, Phila., Pa.
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
Rossendale-Reddaway Belting & Hose Co. (Stitched Canvas, "Black Bird," Woven Cotton), Newark, N. J.

Belting Mfrs. (Cotton)

See Belting Manufacturers, Solid Cotton

742—*Belting Mfrs. (Detachable Chain)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., and Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

743—Belting Mfrs. (Fan)

See Belts, Automobile

744—Belting Mfrs. (Laminated Leather)

American Laminated Belting Co. ("Albeco"), 30 Church, New York

Belting Mfrs. (Leather)

See Belting Manufacturers

745-6 Belting Mfrs. (Leather Link)

Schieren Chas. A. Co. ("American"), 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.

747—Belting Mfrs. (Perforated)

Schieren Chas. A. Co. (Electric), 30 Ferry, New York

748—Belting Mfrs. (Rawhide)

Bay State Belting Co. ("Indian Tan"), 605 Atlantic av, Boston, Mass.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.
Coupe Wm. Co. (Ltd.), ("Flexible," "Excelsior"), South Attleboro, Mass.
Graton & Knight Mfg. Co. (Indian Tan), Worcester, Mass.
Missouri Belting Co. ("Giant"), Grand & La Salle, St. Louis, Mo.
National Leather Mfg. Co., Niles, Mich.
Page Belting Co., Concord, N. H.
Shultz Belting Co. ("Shultz Sable"), Bismarck & Barton, St. Louis, Mo.
Western Rawhide & Belting Co. ("Superior"), 600 S Pierce, Milwaukee, Wis.

749—*Belting Mfrs. (Rope)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.
See adv index at end of book

750—Belting Mfrs. (Round or Twist)

Rawhide Leather
Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.
Coupe Wm. Co., Ltd. (Rawhide, Round), South Attleboro, Mass.
Crisp Jas. & Co., Bloomfield, N. J.
Graton & Knight Mfg. Co. ("Spartan" Twist & "Tex-Tan" Solid Round), Worcester, Mass.
Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
Jewell Belting Co., Hartford, Conn.
Ladew Edward R. Co. (Leather), 54 Franklin, New York
Missouri Belting Co. ("Ebony," Round), Grand & La Salle, St. Louis, Mo.
National Leather Mfg. Co. (Rawhide, Tan), Niles, Mich.
N. Y. Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
Page Belting Co. ("Crown" Leather), Concord, N. H.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Ranville F. Co. ("Star," "Star Special Planer," "Flexite," "Oko," "Wateride," "Toughide," "Gum-Tan," "Olotan," Round & Flat), Grand Rapids, Mich.
Rhoads J. E. & Sons ("Tannate"), 12 N 3d, Phila., Pa. Works: Wilmington, Del
Schieren Chas. A. Co., 30 Ferry, New York
Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.
Sumner Wm. Belting Co. (Patent Cotton Leather), Tolland, Conn.
Western Rawhide & Belting Co. ("Superior"), 600 S Pierce, Milwaukee, Wis.
Williams I. B. & Sons ("Gilt Edge" Round), Dover, N. H.

Belting Mfrs. (Rubber)

See Belting Mfrs. with the word Rubber following their names

751—Belting Mfrs. (Solid Cotton)

Acme Belting Co. ("Black Diamond"), Niles, Mich.
Bay State Belting Co., 605 Atlantic av, Boston, Mass.
Boyle John & Co. (Solid), 112 Duane, New York
Brophy Belting & Supply Co. (Hand Wove Endless Belt), Madison, Ind.
Brown Arthur S. Mfg. Co. ("Tilton" Endless), Tilton, N. H.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Burrell Belting Co., 413 S Hermitage av, Chicago, Ill.

Carton Belting Co. ("Azak"), 52 Everett, Allston, Mass.
Curry J. W. Co. (Solid Woven), 2615 Cummins, Cincinnati, O.
Duryea Mfg. Co. ("Wooster's"), 309 B'way, New York
Empire Mfg. Co. ("Empire" Waterproof), Lockport, N. Y.

EMPIRE WEAVING & BELTING CORP.

("Tuftex"), East Rochester, N. Y.
See adv index at end of book
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Gilmer L. H. Co., Keystone & Cottman, Tacony, Phila., Pa.
Globe Woven Belting Co., 1398 Clinton, Buffalo, N. Y.
McIlroy Belting & Hose Co. ("Rubber-It"), Hammond, Ind.
Mt. Vernon-Woodbury Mills, Cont. bldg, Baltimore, Md.
Rossdale-Reddaway Belting & Hose Co. ("Blackbird"), Newark, N. J.
Russell Mfg. Co., Middletown, Conn.
Scandinavia Belting Co. ("Scandinavia" Solid Woven Cotton), 106 Reade, New York
Stanley Belting Corp. (Imp. Solid Woven), 34 S. Clinton, Chicago, Ill.
Sumner Wm. Belting Co., Tolland, Conn.
Susquehanna Webbing Co., Bloomsburg, Pa.
Tilton Mills (Endless Woven), Tilton, N. H.
Warren Mfg. Co., Warren, Md.

752—Belting Mfrs. (Thresher)

Acme Belting Co. ("Atlas" Endless), Niles, Mich.
American Belting Co.'s (Endless Stitched Canvas, "Alpha," "American" Thresher), 1609 Gough, Baltimore, Md.
Boston Woven Hose & Rubber Co. ("Grain King" Canvas), Cambridge, Mass.
Carton Belting Co. ("Carton," Endless), 52 Everett, Allston, Mass.
Chesapeake Belting Co. (Endless Stitched Canvas), 823 McKim, Baltimore, Md.
Combination Rubber Mfg. Co. ("Indestructene"), Bloomfield, N. J.
Curry J. W. Co. ("Curry," Solid Woven Waterproof), 2615 Cummins, Cincinnati, Ohio
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Empire Mfg. Co. ("Empire" Waterproof), Lockport, N. Y.
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
Gandy Belting Co. ("Gandy" Endless Stitched Canvas), 740 W Pratt, Baltimore, Md.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Home Rubber Co., Trenton, N. J.
Mercer Rubber Co. (Rubber), Hamilton sq, N. J.
Mt. Vernon Belting Co. ("Mt. Vernon," Endless), 333 Warren av, Baltimore, Md.
NEW YORK RUBBER CO., 225 W Randolph, Chicago, Ill., Reade & Church, New York

Quaker City Rubber Co. ("Rhinceros," Endless Rubber), 629 Market, Phila., Pa.
Sawyer Belting Co. (Endless Stitched Canvas), ft Lisbon rd S E, Cleveland, O.
Victor-Balata & Textile Belting Co., 38 Murray, New York.

753—Belting Mfrs. (Waterproof)

Acme Belting Co. ("Black Diamond" Canvas), Niles, Mich.
ALEXANDER BROS., 414 N 3rd, Phila., Pa.
American Belting & Tanning Co. ("Otter" Chrome Tanned), 135 Oliver, Boston, Mass.
Bachmann J. & Co. ("Hippo"), 16 Reade, New York
Bay State Belting Co. ("Water King"), 605 Atlantic av, Boston, Mass.
Bond Chas. Co. (Leather), 520 Arch, Phila., Pa.
Bonner & Barnewall ("Rex-Tan" Leather), 30 Church, New York
Boston Belting Co., 84 Linden Park st, Boston, Mass.
Baltimore Belting Co. ("Navy"), 115 W Lombard, Baltimore, Md.
Bradford Belting Co. (Leather), 2d & Walnut, Cincinnati, O.
Burr Oak Belting Co. ("Sealskin"), 521 Livingston, Cincinnati, O.
Carton Belting Co. ("Azak," Solid Woven), 52 Everett, Allston, Mass.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Chicago Belting Co. ("Sea Lion," Leather), 125 N Green, Chicago, Ill.
Consolidated Belting Co. ("Hycalibre"), Chester, Pa.
Curry J. W. Co. (Endless), 2615 Cummins, Cincinnati, Ohio
Dick R. & J. (Ltd.) ("Dickbelt," Original Balata Belt), Passaic, N. J.
Druid Oak Belting Co. ("Druid Waterproof"), 111 E. Lombard, Baltimore, Md.
Duryea Mfg. Co. ("Wooster's" Cotton), 309 B'way, New York
Empire Mfg. Co. ("Empire"), Lockport, N. Y.
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
Empire Weaving & Belting Corp. (Canvas), East Rochester, N. Y.
See adv index at end of book
Foulds I. & Son (Chrome), Hudson, Mass.
Graton & Knight Mfg. Co. ("G. & K." "Neptune"), Worcester, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Hide, Leather & Belt Mfg. Co. ("Wet-prufe"), 227 S Meridian, Indianapolis, Ind.
Home Rubber Co., Trenton, N. J.
Hudson Belting Co. ("Mermaid"), 3 Eaton pl, Worcester, Mass.
Ireson Chas. L. ("Anhydrous" Mineral Tanned), 221 High, Boston, Mass.
Laurence Belting Co. ("Cascade"), 111 Chambers, New York
McIlroy Belting & Hose Co. ("Rubber-It," Canvas Stitched), Hammond, Ind.
Manhattan Belting Co. ("Rainbo"), 329 Lafayette, New York

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Missouri Belting Co. ("Alligator"), Grand & La Salle, St. Louis, Mo.
 Moloney Belting Co. ("Whale"), 301 W Randolph, Chicago, Ill.
 National Leather Belting Co. (Leather), 342 E 38th, New York
 New York Leather Belting Co. ("Wetite"), 465 Kent av, Brooklyn, N. Y.
 Norwich Belt Mfg. Co. ("Triton"), Norwich, Conn.
 Nott W. S. Co. ("Hero"), 2d av N & 3d, Minneapolis, Minn.
 Page Belting Co., Concord, N. H.
 Rahmann Geo. & Co. ("Kontak," "Comber"), 31 Spruce, New York
 Ranville F. Co., Grand Rapids, Mich.
 Reed & Duecker ("Hippo" Water Proof Leather), Memphis, Tenn.
 Rossendale-Reddaway Belting & Hose Co. ("Camel Hair"), Newark, N. J.
 Ruboil Belting Co. ("Ruboil"), 8th & Wallace, Phila., Pa.
 Salisbury W. H. & Co. ("Seal Brand," "Lea-Duck," "Stretch & Water-proof Leather," "Innertex" Stretch-proof leather), 105 S Wabash av, Chicago, Ill.
 Schieren Chas. A. Co. ("Duxbak," Leather), 30 Ferry, New York
 Shultz Belting Co. ("Niagara" & Aqua"), Bismarck & Barton, St. Louis, Mo.
 Smyth-Despard Co. ("Waterwitch," "Ute"), Utica, N. Y.
 Williams I. B. & Sons ("Shedite"), Dover, N. H.

Belting Mfrs. (Wire)

See Belts, Automobiles

754— Belting Mfrs. (Woven Leather)

Burrell Belting Co. (Alfalfa, Burmaline & Clover), 413 S. Hermitage av, Chicago, Ill.
 New York Leather Belting Co. ("Viking"), 465 Kent av, Brooklyn, N. Y.
 Shultz Belting Co. ("Shultz"), Bismarck & Barton, St. Louis, Mo.

755— Belts (Automobile)

Bradford Belting Co. (V or Flat), 2d & Walnut, Cincinnati, O.
 Carter Geo. R. Co. (Fan), Connersville, Ind.
 Chicago Belting Co. (Round, Flat & V), 125 N Green, Chicago, Ill.
 Chicago Rawhide Mfg. Co. (Chrome), 1301 Elston av, Chicago, Ill.
 Coe & Brown (Fan), New Haven, Conn.
 Curry J. W. Co. ("Curry," Solid Woven, Waterproof Fan Belts), 2615 Cummins, Cincinnati, O.
 Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.
 Detroit Leather Works ("Flexo," Fan), 141 Champlain, Detroit, Mich.
 Detroit Oak Belting Co. (Fan), 266 Wight, Detroit, Mich.
 Druid Oak Belting Co., 111 E Lombard, Baltimore, Md.
 Empire Tire & Rubber Corp., Trenton, N. J. *See adv index at end of book*
EMPIRE WEAVING & BELTING CORP. ("Tuftex" Fan Belts, Leather & Fabric), East Rochester, N. Y.
See adv index at end of book
 Essex Rubber Co. (Fan), Trenton, N. J.
 Eureka Spring Co. (Steel), 150 Bleecker, New York
 Gardner Wire Co. ("Calcutts," Wire), 5646 Race av, Chicago, Ill.
 Gilmer L. H. Co. ("Gilmer" Woven Endless), Keystone & Vincent, Tacony, Pa.
 Graton & Knight Mfg. Co. ("G. & K.," Fan), Worcester, Mass.
 Haney J. H. & Co. ("Fan"), Hastings, Neb.
 Hide Leather & Belting Co. (Fan), 229 S Meridian, Indianapolis, Ind.
 Hinson C. & B. Co. ("Hinson" Endless Fan), 1511 Chase, Cincinnati, O.
 Hudson Belting Co., Worcester, Mass.
 Leather Tire Goods Co. (Fan), Niagara Falls, N. Y.
 Milwaukee Leather Belting Co. (Fan), 499 12th, Milwaukee, Wis.
 Mooney Belting Co. (Fan), 844 West 6th, Cincinnati, O.
 National Leather Mfg. Co. (Chrome), Niles, Mich.

New York Wire & Spring Co. (Wire), 586 Washington, New York
 Norwich Belt Mfg. Co. (Fan), Norwich, Conn.
 Peerless-V-Belt Co. ("Peerless-V"), 608 S. Dearborn, Chicago, Ill.
 Philadelphia Belting Co. (Leather Fan), 6th & Sp. Garden, Phila., Pa.
 Royal Equipment Co. (Fan), Bridgeport, Conn.
 Russell Mfg. Co. ("Rusco," Woven Endless), Middletown, Conn.
 Schieren Chas. A. Co. (Fan), 30 Ferry, New York
 Thermoid Rubber Co. (Fan), Trenton, N. J.
 Webb Mfg. Co. ("Webb," Wire), ft. Centre, Newark, N. J.
See adv index at end of book
 Williams I. B. & Sons, Dover, N. H.

756— Belts (Cartridge)

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.
 Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
 Cook E. C. & Bro., 1846 Carroll av, Chicago, Ill.
 Mills Woven Cartridge Belt Co., Worcester, Mass.
 Peters Harness & Saddlery Co., Newark, N. J.

757— Belts (Conveyor)

See Belting Mfrs. Conveyor

758— Belts (Linemen's)

Aschenbach Harness Co., Henry, N. Y.
 Boyle John & Co., 112 Duane, New York
 Buhrke R. H. Co., 2414 N Sac av, Chicago, Ill.
 Dicke Tool Co., Downers Grove, Ill.
 Feeser Frank S. Co., Indianapolis, Ind.
 Galewski Adolph & Son, 453 Broome, New York
 Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
 Meckel Fred L., 11 E 13th, Chicago, Ill.
 Oshkosh Mfg. Co., Oshkosh, Wis.

759— Belts (Polishing)

Ames Sword Co. (Endless Silk Sewed), Chicopee, Mass.
 Boston Belting Co., 84 Linden Park st, Boston, Mass.
 Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.
 Combination Rubber Mfg. Co. ("Indestructene"), Bloomfield, N. J.
 Curry J. W. Co. ("Curry" Endless), 2615 Cummins, Cincinnati, O.
 Empire Mfg. Co. (Cotton), Lockport, N.Y.
 Goodrich B. F. Co., Akron, O.
 Home Rubber Co., Trenton, N. J.
 Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
 Manhattan Rubber Mfg. Co. (Canvas with Rubber Insertion), Passaic, N. J.
 N. Y. Belting & Packing Co., 91 Chambers, New York
 Page Belting Co. (Leather), Concord, N.H.

760— Belts (Sand Paper)

Driver C. H. & Kerr Co., Racine, Wis.

761— Belts ("V")

Badger Handle Co., 323 E Water, Milwaukee, Wis.
 Graton & Knight Mfg. Co. (For Fans, Motor Cycles, etc), Worcester, Mass.

Belts (Wire, Automobile)

See Belts, Automobile

762— Bench Legs

C. M. B. Wrench Co. ("Garwood" Cast Iron), Garwood, N. J.
 Chicago Hardware Foundry Co., 546 W Washington, N Chicago, Ill.
 Cleveland Wire Spring Co., Cleveland, O.
 Garwood Bronze & Iron Works, Garwood, N. J.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Jones W. A. Foundry & Machine Co. (Cast Iron), 4401 W 12th, Chicago, Ill.
 New Britain Machine Co. ("New Britain," Pressed Steel), 190 Chestnut, New Britain, Conn.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Western Tool & Mfg. Co., Springfield, O.

763— *Bench Plates

McCullock A. P. Machine Co. ("McC" Inspector's Compound), 216 High, Boston, Mass. *See adv index at end of book*

764— Benches (Cabinet & Pattern Makers', Etc.)

Christiansen C., 3418 Castello av, Chicago, Ill.
 Diamond Clamp & Flask Co., Richmond, Ind.
 Grand Rapids Hand Screw Co., Grand Rapids, Mich.
 Kantslip Co., Freeport, Mich.
 Mason & Parker Mfg. Co., Winchendon, Mass.
 Ohio Tool Co., Charleston, W. Va.
 Oliver Machinery Co., Grand Rapids, Mich.
 Rowe Henry Mfg. Co., Newaygo, Mich.

765— Benches (Cutting)

Boos John & Co., Effingham, Ill.
 Michigan Maple Block Co. (All Kinds), Petoskey, Mich.

766— Benches (Draw)

Brightman Mfg. Co., Columbus, O.
 Loy & Nawrath Co. (For Sheet Metal), 25 Runym, Newark, N. J.
 Morgan Construction Co., Worcester, Mass.
 Neumeyer & Dimond ("Demag" for Tubes), 82 Beaver, New York
 Ohl Geo. A. & Co. (20 & 24 ft), 159 Oraton, Newark, N. J.
 Oliver W. W. Mfg. Co. (Jewelers, etc), 1483 Niagara, Buffalo, N. Y.
 Perkins Machine Co. (Belt Power & Electrically Driven), Warren Mass.
 Richard Mfg. Co. Bloomsburg, Pa.
 San Francisco Engineering Co. (Calclimine), 322 6th, San Francisco, Cal.
 Standard Machinery Co., Providence, R. I.
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
 Torrington Mfg. Co., Torrington, Conn.
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

767— Benches (Gas Retort)

See also Gas Works Apparatus & Construction
 American Refractories Co. (Silica), 208 So La Salle, Chicago, Ill.
 Didier-March Co. (Horizontal, Inclined & Glover-West System of Vertical Retorts), Perth Amboy, N. J.
 Gardner Jas. Jr. & Co. (Plain & Recuperative), Lockport Sta., Pa.
 Gas Machinery Co. (Coal Gas Benches), 1900 Euclid av, Cleveland, O.
 Improved Equipment Co. ("Doherty" Economizer), 60 Wall, New York
 Isbell-Porter Co., 46 Bridge, Newark, N. J.
 Laclede-Christy Clay Products Co. ("Laclede-Christy"), Manchester & Sulphur avs, St. Louis, Mo.
 Missouri Fire Brick Co. (Inclined & Horizontal Benches), 411 Olive, St. Louis Mo.
 Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.

768— Benches (Machinists' Work)

Arnold S. G., 2619 W Vanburen, Chicago, Ill.
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
 Manufacturing Equipment & Engineering Co. ("Meeco"), 136 Federal, Boston, Mass.
 Vanderman Mfg. Co., Willimantic, Conn.
 Western Tool & Mfg. Co., Springfield, O.

769-70— Benches (Manual Training)

Bemis A. L. ("Standard"), Worcester, Mass.
 Economy Mfg. Co. ("Economy"), 508 Commerce, Phila., Pa.
 Grand Rapids Hand Screw Co., Grand Rapids, Mich.

Ohio Tool Co., Charleston, W. Va.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Richards-Wilcox Mfg. Co. ("Wilcox"), 3d & Q, Aurora, Ill.

771— Benches (Molders')

Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Western Tool & Mfg. Co. ("Champion"), Springfield, Ohio

772—Benches (Movable & Stationary, Steel)

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Western Tool & Mfg. Co., Springfield, O.
Zering H. Mfg. Co., 528 Reading rd, Cincinnati, O.

773— Benches (Piano)

Art Novelty Co., Goshen, Ind.
Chicago Piano Bench Co., 1115 W Lake, Chicago, Ill.
Cook C. A. Co., Cambridge, Mass.
Grand Ledge Chair Co., Grand Ledge, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Harrison B. J. Son Co., Winsted, Conn.
Holtzman Henry & Sons Co., Columbus, O.
Lamb Geo. L. Nappanee, Ind.
Logansport Furniture Co., Logansport, Ind.
Merriam A. Co., South Acton, Mass.
Michigan Chair Co., Grand Rapids, Mich.
National Piano Bench Co., 1433 Carroll av, Chicago, Ill.
New York Piano Stool & Mfg. Co., E Stroudsburg, Pa.
Northwestern Cabinet Co., Burlington, Ia.
Parker Chas. Co., Meriden, Conn.
Steger & Sons Piano Mfg. Co., 238 S. Wabash av, Chicago, Ill.
Tonk Mfg. Co., 2023 Clybourn av, Chicago, Ill.
Udell-Predock Mfg. Co., 2315 N B'way, St. Louis, Mo.

774-5-6—Benches (Portable)

Bailey Fred T. & Co. (For Pipe Work), North Scituate, Mass.
Em-Em Selling Co. ("Perfect" Portable Vise), 422 E 16th, New York
Henderson Elec. Co., Ampere, N. J.
Martin H. P. & Sons, Owensboro, Ky.
Skinner M. B. & Co. ("Henderson"), 562 W. Washington, Chicago, Ill.
Standard Iron Works (Vise), 508 E 74th New York

Benches (Saw)

See Saw Benches or Tables

Benches (Wire Drawing)

See Wire Drawing Machinery

777—Benders (Angle & Eye, Hand Power)

American Road Machinery Co. ("Pen-nock"), Kennett sq, Pa.
Armstrong Mfg. Co., Waterloo, Ia.
Champion Blower & Forge Co. ("Cham-pion," For Bending Angles, Tees, Flats, etc), Lancaster, Pa.
Cleveland Punch & Shear Works Co., 3921 St. Clair av., N E, Cleveland, Ohio
Hinman D. A. & Co. (Also Ring & Hinge), Sandwich, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
Wallace Supplies Mfg. Co. ("Wallace"), 412 Orleans, Chicago, Ill.

778— Benders (Conduit)

Austin M. B. & Co., 706 W Jackson bl., Chicago, Ill.
Bierdeman R. C. Co. ("Star"), 4621 N Clark, Chicago, Ill.
Commercial Switchboard Mfg. Co., Denver, Col.
Cox J. Fillmore & Co., Bayonne, N. J.
Economy Electrical Specialty Co., 2857 S Halsted, Chicago, Ill.
Fey Specialty Co., Detroit, Mich.
Martin H. P. & Sons, Owensboro, Ky.
Minneapolis Elec. Co., Minneapolis, Minn.
Rittenhouse A. E. Co. ("Rittenhouse"), Honeoye Falls, N. Y.

Roberts H. C. Elec. Supply Co., 905 Arch, Phila., Pa.
Skinner M. B. & Co. ("Bosco"), 562 W Washington, Chicago, Ill.
Steel City Electric Co. ("Fullman," Elec-tric & Hand), 1207 Columbus av, Pitts-burgh, Pa.
Thomas & Betts Co. ("Lakin," "Standard," "Hickey"), 105 Hudson, New York
Vanderman Mfg. Co., Willimantic, Conn.
Wrigley Thos. Co., 416 S Dearborn, Chi-cago, Ill.

779— Benders (Hook & Eye)

Kidder J. F. Mfg. Co., Burlington, Vt.

780— Benders (Lead Pipe)

Bernz Otto, 21 Ashland av, Newark, N. J.
Bierdeman Richard C. Co. ("Star"), 4621 N Clark, Chicago, Ill.
Buffum Tool Co. ("Swastika," Bending Springs), South Side, Louisiana, Mo.
Cleveland Wire Spring Co., Cleveland, O.
Mark Mfg. Co., Evanston, Ill.
Morgan Spring Co. ("Eclipse"), Worcester, Mass.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Starbuck R. M. & Sons, Hartford, Conn.
Stortz Jno. & Son, 210 Vine, Phila., Pa.
Walworth Co., S Boston, Mass.
Yonts C. H. & Co., Meadville, Pa.

781— Benders (Rail)

See also Rail Bending & Straightening Ma-chines
Aldon Co. ("Jim Crow"), 3338 W Ravens-wood av, Chicago, Ill.
Allegheny Forging Co. ("Jim Crow"), 530 4th av, Pittsburgh, Pa.
Buda Co. ("Buda," "Jim Crow" & Roller Rail Bender), Railway Exchange bldg, Chicago, Ill.
Cleveland Punch & Shear Works Co., 3921 St. Clair av., N E, Cleveland, Ohio
Dudgeon Richard (Hydraulic), 24 Colum-bia, New York
ELMES CHARLES F. ENGINEERING WORKS, INC., Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Handlan-Buck Mfg. Co. ("Giant"), 210-14 N 3rd, St. Louis, Mo.
Hardsocg Mfg. Co. (Single & Double Act-ing), Ottumwa, Ia.
Hardsocg Martin Co. ("Imperial" for Mine Rails), 922 South av, Pittsburgh, Pa.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Industrial Supply & Equipment Co., 407 Sansom, Phila., Pa.
Irving Mfg. & Tool Co., 157 Chambers, New York

Kalamazoo Railway Supply Co., Kalama-zoo, Mich.
Pettibone, Mulliken & Co. (Roller), 140 S Dearborn, Chicago, Ill.
Pittsburgh Knife & Forge Co., N S Pitts-burgh, Pa.

Pittsburgh Trolley & Forge Co. ("Jim Crow," Double Acting, Roller, Eccen-tric, Ratchet, etc), 117 Water, Pitts-burgh, Pa.

Q. & C. Co. ("Q. & C." "Samson," "Q. & C." Girder), 90 West, New York
Reading Specialties Co., Reading, Pa.
Sherburne & Co. ("Sherburne"), 53 Oliver, Boston, Mass.

Stine S. B. (Plain & Ratchet), Osceola Mills, Pa.

Union Drop Forge Co. ("Jim Crow"), 358 W Grand, Chicago, Ill.

Valley Forging Co., Verona, Pa.
Verona Tool Works ("Manning," Eccen-tric, etc), Oliver bldg, Pittsburgh, Pa., & Verona, Pa.

WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York
See adv index at end of book

What Cheer Tool Co. ("Big Joe," "Little Joe"), What Cheer, Ia.
Zelnicker Walter A. Supply Co. ("Zel-nicker") 325 Locust, St. Louis, Mo.

782—Benders (Reinforcing Bar)

Chicago Builders Specialties Co. ("Acme"), 11 S La Salle, Chicago, Ill.
Concrete Steel Co., 42 B'way, New York
Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.

Hanson A. P. & Son ("Hanson"), 1911 Emerson av, Chicago, Ill.
Hinman D. A. & Co., Sandwich, Ill.
Koehring Machine Co., Milwaukee, Wis.
McKenna Co. ("McKenna," "Reliable"), 1851 E 38th, Cleveland, O
Neevel Mfg. Co. ("U"), 1409 Kansas av, Kansas City, Mo.
Ransome Concrete Machinery Co., Dunel-len, N. J.
Raymer Hardware Co., 58 E 5th, St. Paul, Minn.
Union Machine Co., 183 University av, St. Paul, Minn.
Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.
Waterloo Construction Co., Waterloo, Ia.

Benders (Ring)

See Benders, Angle & Eye, Hand Power

783— Benders (Tire)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Butts & Ordway Co. ("Boston"), 33 Pur-chase, Boston, Mass.
Champion Blower & Forge Co., Lancaster, Pa.
Concord Axle Co., Penacook, N. H.
Illinois Iron & Bolt Co. ("I. I. & B. Co." Plain & Roller Bearing), Carpenters-ville, Ill.
Indiana Foundry Co., Indiana, Pa.
Kane & Roach ("Monarch"), Syracuse, N. Y.
Potts H. Co., Lancaster, Pa.
Rockford Mfg. Co. ("Rockford"), Rock-ford, Ill.
San Francisco Enging Co., 322 6th, San Francisco, Cal.
Southern Skein & Foundry Co. (Common & Roller Bearing), Chattanooga, Tenn.
Swett A. L. Iron Works, Medina, N. Y.
Williams White & Co. (Also Welders), Moline, Ill.

Bends (Pipe)

See Pipe Bends & Coils

784— Bends (Return)

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass), Executive offices & factories, Beekman & Wav-erly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co., 55 John, New York
McRae & Roberts Co. (Brass), 227 Camp-bell av, Detroit, Mich.
See adv index at end of book
Malleable Iron Fittings Co. ("M. I. F. Co."), Brandford, Conn.
National Tube Co. (Cast & Malleable Iron), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
Williams D. T. Valve Co., Spring Grove & Township, Cincinnati, O.

785—*Bends (Return, Cast & Mal-leable Iron)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa.
See adv index at end of book

786— Bends (Water Closet)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
Bridgeport Brass Co., Bridgeport, Conn.
Clow Jas. B. & Sons, 544 S Franklin, Chi-cago, Ill.
Compound Injector & Specialty Co. ("Dehn's"), 419 N Laramie av, Chi-cago, Ill.
Federal-Huber Co., 234 N Halsted, Chi-cago, Ill.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
Greenwood Mfg. Co. ("Boosey's"), 540 Greenwood, Detroit, Mich.
Ideal Mfg. Co. ("Ideal" Non Syphon), Franklin & Dubois, Detroit, Mich.
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.

Miller Chas. A. Co., Sturgis, Mich.
 Park & McKay ("Young"), 55 Bagley av,
 Detroit, Mich.
 Rice Edw. J. & Son, 11 Plymouth av, S
 Rochester, N. Y.
 Smith & Abbott Co., Portland, Me.
 Street & Kent Mfg. Co., 549 Fulton, Chi-
 cago, Ill.
 Trenton Brass & Machine Co., Trenton,
 N. J.
 Webb F. W. Mfg. Co., 56 Elm, Boston,
 Mass.
 Wolff L. Mfg. Co., 601 W Lake, Chicago,
 Ill.

787— *Benedict Nickel

AMERICAN BRASS CO. (Rods, Sheet
 Tubing & Wire), Waterbury, Conn.
For branch offices see adv index at end of book
GORHAM CO. ARCHITECTURAL
BRONZE, 5th av & 36th, New York
See adv index at end of book

788— Benzaldehyde

Chemical Co. of America ("F. S. C."), 320
 B'way, New York
 Innis, Speiden & Co., Inc. (Imported), 46
 Cliff, New York
See adv index at end of book

788a— Benzidine

Butterworth-Jordan Corp. (For Manf'g.
 Colors), 61 B'way, New York

789— Benzine

Atlantic Refining Co., 3144 Passyunk av,
 Phila., Pa.
 Emery Mfg. Co., Bradford, Pa.
 Petrolia Refining Co., Petrolia, Pa.
 Pure Oil Co., Lafayette bldg, Phila., Pa.
 Southern Refining Co., Los Angeles, Cal.
 Standard Oil Co. of N. Y. ("Socony"), 555
 W 25th, New York
 Sun Company, Finance bldg, Phila., Pa.
 Union Petroleum Co. (Deoderized), Wid-
 ener bldg, Phila., Pa.

790— Benzine Substitute

Duryea Mfg. Co. ("Detergine"), 309
 B'way, New York

791— Benzoate of Soda

British-American Chemical Co., 52 Van-
 derbilt av, New York
 Heyden Chemical Works, Garfield, N. J.
 Pfizer Chas. & Co., 81 Maiden la, New York

791a— *Benzol

Du Pont Chemical Works (90°), 120
 B'way, New York

792— Benzol Refiners

Barrett Co., 17 Battery pl, New York
 Bayway Chemical Co., Elizabeth, N. J.
 Cabot Samuel, Inc., 141 Milk, Boston,
 Mass.
 Gulf States Steel Co., Gadsen, Ala.
 Klipstein A. & Co., 644 Greenwich, New
 York
 National Aniline & Chemical Co. ("C. P.-90
 Per Cent.' & Straw Colored"), 100
 William, New York
 Pacific Refining & Roofing Co., 16th &
 Texas, San Francisco, Cal.
 Petroleum Products Co., 3917 Neville,
 Pittsburgh, Pa.
 Semet-Solvay Co. (Water White for Gas
 Enriching Purposes), Syracuse, N. Y.
 United Gas Improvement Co., Broad &
 Arch, Phila., Pa.
 White Tar Co., 4 Cliff, New York

793—Berths & Bunks (Metallic)

Haggard & Marcusson Co. ("Tiger"),
 1109 W 37th, Chicago, Ill.
SOUTHERN ROME CO. ("Romelink"),
 623 W Pratt, Baltimore, Md.

793a— Beryllium

Foot Mineral Co. (Imp.), 107 N 19th,
 Phila., Pa.

794— Betanaphthol

Bischoff C. & Co. (Imp.), 451 Washington,
 New York
 Calco Chemical Co., Bound Brook, N. J.
 Orange Products Corp., Schenectady, N. Y.
 Sherwin-Williams Co., 601 Canal, N. W.,
 Cleveland, O.
 Standard Aniline Products (Mfrs.), 366
 Fifth av, New York

794a—*Beta Naphthol Apparatus

Buffalo Foundry & Machine Co., 65 Win-
 chester av, Buffalo, N. Y.
See adv index at end of book

795— Bevels

Athol Machine Co. (Universal), Athol,
 Mass.
 Brown & Sharpe Mfg. Co., Providence,
 R. I.
 Chapin-Stephens Co. (Ship Carpenters,
 etc), Pine Meadow, Conn.
 Disston Henry & Sons, Tacony, Philadel-
 phia, Pa.
 Goodell Pratt Co. ("Universal"), Green-
 field, Mass.
 Hart, H. C. Mfg. Co. (All Steel Bevel &
 Square), Unionville, Conn.
 S. & I. Co. (Sliding T Bevel & Square),
 Springfield, Mass.
 Sawyer Tool Mfg. Co. (Combination), Ash-
 burnham, Mass.
 Southington Hardware Co., Southington,
 Conn.
 Stanley Rule & Level Co., New Britain,
 Conn.
STARRETT L. S. CO. (Combination, Uni-
 versal, etc), Athol, Mass.
See adv index at end of book
 Upson Nut Co. (Ship Carpenters', etc),
 Cleveland, O.
 Wiebusch & Hilger ("Fox" Sliding), 106
 Lafayette, New York
 Williams William Jr. ("Reeves" Univer-
 sal), New Britain, Conn.

Bibbs

See Cocks & Bibbs

796—Bibs (Barbers' Rubber)

Davol Rubber Co., 69 Point, Providence,
 R. I.
 Miller Rubber Co., Akron, O.
 Tver Rubber Co., Andover, Mass.

797— Bi-Carbonate of Soda

American Chemical Co., 640 Carr, Cincin-
 nati, O.
 Church & Dwight Co., 80 Maiden la, New
 York
 Mathieson Alkali Works ("Eagle" &
 "Thistle" Brand), 53 Canal, Provi-
 dence, R. I.
 Mechling Bros. Mfg. Co., Camden, N. J.
 Michigan Alkali Co., Ford bldg., Detroit,
 Mich.
 National Electrolytic Co., Niagara Falls,
 N. Y.
 Pennsylvania Salt Mfg. Co. ("Natrona"),
 Widener bldg, Phila., Pa.
 Solvay Process Co., Syracuse, N. Y., Hut-
 chinson, Kan. & Detroit, Mich.
 Wiarda John C. & Co. (Jobbers), 273
 Greene, Brooklyn, N. Y.

798— Bi-Chloride of Tin

Goldschmidt-Detinning Co., 120 B'way,
 New York
 Grasselli Chemical Co., Guardian bldg.,
 Cleveland, O.

798a— *Bicycle Frame Parts

STANDARD PARTS CO., W. 73d, Cleve-
 land, O. *See adv index at end of book*

799— Bicycle Mfrs.

See also Motor Cycles

Arnold, Schwinn & Co., 1718 N Kildare av,
 Chicago, Ill.
 Columbia Mfg. Co. (Cro-Bicycle), 220 E
 2nd, Cincinnati, Ohio
 Davis Sewing Machine Co., Dayton, O.
 Emblem Mfg. Co., Angola, N. Y.

Excelsior Cycle Store, 5340 B'way, Chi-
 cago, Ill.
 Fowler-Manson-Sherman Cycle Mfg. Co.,
 1447 Austin av, Chicago, Ill.
 Gendron Wheel Co., Toledo, O.
 Great Western Mfg. Co., La Porte, Ind.
 Hendee Mfg. Co., Springfield, Mass.
 Jarvis W. B. Co. ("Ty Cobb"), Grand
 Rapids, Mich.
 Johnson's Iver Arms & Cycle Works
 ("Iver Johnson"), Fitchburg, Mass.
 Machine Parts Co., Elyria, O.
 Mead Cycle Co., 33 N Canal, Chicago, Ill.
 Miami Cycle & Mfg. Co. ("Racycle," "Hud-
 son," "Flying Merkel," "Miami"
 power bicycles), Middletown, Ohio
 Motor Car Supply Co. ("Unxld"), 1453
 Michigan av, Chicago, Ill.
 National Cycle & Mfg. Co., Bay City,
 Mich.
 Pierce Cycle Co., 18 Hanover, Buffalo,
 N. Y.
 Reading Cycle Mfg. Co., Reading, Pa.
 Rome Bicycle Mfg. Co., Rome, N. Y.
 Snyder H. P. Mfg. Co., Little Falls, N. Y.
 Stroh W. A. & Bro., 1612 W Lake, Chi-
 cago, Ill.
 Toledo Metal Wheel Co., Toledo, O.
 Westfield Mfg. Co., Westfield, Mass.

800—Bicycle Parts & Sundries

See also Bolts, Bicycles; also Chains, Bi-
 cycle; also Nuts, Bicycle; also Pumps,
 Bicycle; also Screws, Bicycle; also
 Springs, Bicycle; also Tubing, Bicycle
 A. & J. Mfg. Co. (Crank Hangers for Re-
 pairs), 559 W Lake, Chicago, Ill.
 Aurora Automatic Machinery Co. (Hubs)
 1307 So. Michigan av, Chicago, Ill.
 Beckley-Ralston Co., 1801 S Michigan av,
 Chicago, Ill.
 Bevin Bros. Mfg. Co. (Toe Clips, Trouser
 Guards, etc), East Hampton, Conn.
 Buckeye Mfg. Co., Canton, O.
 Bullock Mfg. Associates (Rims), Spring-
 field, Mass.
 Climax Mfg. Co. (Saddles, etc.), East
 Hampton, Conn.
 Collmer Bros., South Bend, Ind.
 Corbin Screw Corporation ("Ramsey" Spe-
 cial to Order), New Britain, Conn.
 Crosby Co. (Stamped Steel Fittings & Ball
 Cups), 183 Pratt, Buffalo, N. Y.
 Forsyth Metal Goods Co. (Chain Guards,
 etc), E Aurora, N. Y.
 Harris & Reed, 1500 W 15th, Chicago, Ill.
 Hydraulic Pressed Steel Co. (Sprockets),
 3152 E 61st, Cleveland, O.
 K. & C. Mfg. Co. (Lock Joint Wood Rims),
 Henniker, N. H.
 Kelly Handle Bar Co. (Handle Bars),
 5017 Perkins av, N E, Cleveland, O.
 Machine Parts Co. (Bicycles & Juvenile
 Tricycles), Elyria, O.
 Matthews H. A. Mfg. Co., Seymour, Conn.
 Page Storms Drop Forge Co. (Drop
 Forged), Chicopee, Mass.
 Parish & Bingham Co. (Sprockets) Cleve-
 land, O.
 Perry-Fay Mfg. Co. (Screw Machine Prod-
 ucts), Elyria, O.
 Standard Co. (Spokes & Nipples, Pedals &
 Toe Clips), Torrington, Conn.
 Standard Steel Tube Co., Toledo, O.
Tiley, Pratt Co. (Spokes, Nipples, etc.),
 Essex, Conn.
 Troxel Mfg. Co. (Saddles, Mud Guards),
 Elyria, Ohio
 United States Automatic Co. (Screw Ma-
 chine Products), Amherst, O.
 Western Automatic Mach. Screw Co.,
 Elyria, O.
 Worcester Pressed Steel Co. (Fittings,
 etc), Worcester, Mass.

801— Bidets

Dalton-Ingersoll Mfg. Co., 171 High, Bos-
 ton, Mass.
 Haines, Jones & Cadbury Co. ("Vitreo"),
 1136 Ridge av, Phila., Pa.
 Hall Mfg. Co., Harrison, N. J.
 Mott J. L. Iron Works ("Cascade," "Dun-
 bar," "Duval," "Geyser"), 118 5th
 av, New York
 Peck Bros. & Co., New Haven, Conn.
 Sanitas Mfg. Co. ("Sanitas"), 54 Union,
 Boston, Mass.

802—Billets, Blooms & Slabs (Steel)

See also Ingots, Steel

Allegheny Forging Co. (Billets), 530 4th
 av, Pittsburgh, Pa.

**When writing to firms listed
 in this book please mention
 HENDRICKS'
 COMMERCIAL RECISTER**

American Bridge Co. (Open Hearth Billets & Blooms), Frick bldg, Pittsburgh, Pa.
 American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
 American Steel Co. (Jobbers, Blooms, Billets, etc), Park bldg, Pittsburgh, Pa.
AMERICAN STEEL & WIRE CO. (Bessemer, Billets, Blooms & Slabs), 208 S La Salle, Chicago, Ill.
See adv index at end of book
 American Tube & Stamping Co. (Open Hearth Billets, Blooms & Slabs, Brand "Swedoh"), Bridgeport, Conn.
 Andrews Steel Co. (Open Hearth Billets, Slabs & Forging Billets), Newport, Ky.
 Ashland Steel Co. (Bessemer Steel Billets & Slabs), Ashland, Ky.
 Atlantic Steel Co., (Basic Open Hearth Billets), Atlanta, Ga.
 Bethlehem Steel Co. (Acid & Basic Open Hearth Billets), South Bethlehem, Pa.
 Buckeye Steel Castings Co., Columbus, O.
 Cambria Steel Co. (Bessemer & Open Hearth, Widener bldg, Phila., Pa.)
 Carbon Steel Co. (Forging & Nickel Steel Billets, etc), ft 32d, Pittsburgh, Pa.
 Carnegie Steel Co. (Open Hearth & Bessemer Billets, Blooms & Slabs; also Forging Billets & Blooms), Carnegie bldg, Pittsburgh, Pa.
 Central Steel Co. ("Agathon," Bars, Billets & Slabs), Massillon, O.
 Colorado Fuel & Iron Co. (Bessemer & Open Hearth Billets & Blooms), Denver, Colo.
 Crucible Steel Co. of America (Open Hearth & Bessemer Billets), Oliver bldg, Pittsburgh, Pa.
 Electro Steel Co. (Acid & Basic Open Hearth Billets), Curry bldg, Pittsburgh, Pa.
 Gulf States Steel Co. (Open Hearth Steel Billets, Blooms & Slabs), Birmingham, Ala.
 Horner U. S. Co. (Also Iron), Oliver bldg, Pittsburgh, Pa.
HARRISBURG PIPE & PIPE BENDING CO. (Open Hearth Billets, Slabs & Strips), Harrisburg, Pa.
 Harron Spring Co., Milwaukee, Wis.
 Illinois Steel Co. (Bessemer & Open Hearth Billets, Blooms & Slabs), 208 S La Salle, Chicago, Ill.
 Inland Steel Co. (Open Hearth Billets, Blooms & Slabs), 1st Nat Bank bldg, Chicago, Ill.
 Jones & Laughlin Steel Co. (Bessemer & Open Hearth Billets, Blooms, Slabs, etc), Ross, Pittsburgh, Pa.
 Kokomo Steel & Wire Co. (Open Hearth), Kokomo, Ind.
 La Belle Iron Works (Open Hearth Billets, Blooms, etc), Steubenville, O.
 Lackawanna Steel Co. (Open Hearth & Bessemer Billets, Blooms & Slabs; also Forging Billets, Blooms & Slabs), Buffalo, N. Y.
 Laclede Steel Co., Federal Reserve Bk. bldg., St. Louis, Mo.
LEAVITT C. W. & CO. (Billets, etc.), 34 Church, New York
See adv index at end of book
 Lukens Steel Co. (Open Hearth Billets, Slabs, Forging Blanks, etc), Coatesville, Pa.
 Midvale Steel Co. (Open Hearth), Nicetown, Phila., Pa.
 Pardee C. Works (Open Hearth Billets & Blooms), Perth Amboy, N. J.
 Pittsburgh Steel Co. (Open Hearth Billets & Blooms), 5th av & Grant, Pittsburgh, Pa.
 Republic Iron & Steel Co. (Bessemer & Open Hearth Billets & Blooms), Youngstown, O.
 Sharon Steel Hoop Co. (Open Hearth Steel Billets), Sharon, Pa.
 Snyder W. P. & Co. (Billet & Sheet Bar Dealers), Oliver bldg, Pittsburgh, Pa.
 Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.
 Tennessee Coal, Iron & R. R. Co. (Open Hearth Billets, Blooms & Slabs), Birmingham, Ala.
 Tremont Nail Co. (Forging Billets), W Wareham, Mass.
 United Alloy Steel Corp. (Chrome Vanadium Steel Bars & Basic Electric & Open Hearth Steel Billets, Blooms, Slabs), Canton, O.
 Upson Nut Co. (Open Hearth Billets), Cleveland, O.
 Vulcan Crucible Steel Co. (Open Hearth), Aliquippa, Pa.

Washburn Wire Co. (Billets Only), Phillipsdale, R. I., & 118th & Harlem R, New York
 Wheeling Steel & Iron Co. (Bessemer Billets, Blooms & Nail Slabs), Wheeling, W. Va.
 Whitaker-Glessner Co. (Basic Open Hearth), Wheeling, W. Va.
 Wood Alan Iron & Steel Co. ("A.W." Basic Open Hearth Billets, Blooms & Slabs), Widener bldg, Phila., Pa.
 Youngstown Sheet & Tube Co. (Bessemer Billets, Blooms & Slabs), Youngstown, O.

803—Billets, Bloom & Slabs (Vanadium Steel)

Allegheny Forging Co. (Billets), 530 4th av, Pittsburgh, Pa.
 Bethlehem Steel Co. (Billets), South Bethlehem, Pa.
 Carbon Steel Co. (Billets & Slabs), ft. 32nd, Pittsburgh, Pa.
 Carnegie Steel Co. (Blooms & Billets), Carnegie bldg., Pittsburgh, Pa.
 Carpenter Steel Co. (Billets), Reading, Pa.
 Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
 Crowley John A. Co., 120 Liberty, New York
 Crucible Steel Co. of America (Billets), Oliver bldg., Pittsburgh, Pa.
 Cyclops Steel Works (Billets), Titusville, Pa.
 Erie Forge Co. (Blooms & Billets & all other kinds of steel), Erie, Pa.
 Halcumb Steel Co. (Billets), Syracuse, N. Y.
 United Alloy Steel Corp. (Blooms, Billets & Slabs), Canton, O.
 Vanadium Alloys Steel Co. (Billets), Latrobe, Pa.
 Vulcan Crucible Steel Co. (Billets), Aliquippa, Pa.

804—Billets (Chrome Steel)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.
 Crucible Steel Co. of America, Oliver bldg., Pittsburgh, Pa.
 Frasse Peter A. & Co., Inc., 417 Canal, New York. Works Hartford, Conn.
See adv index at end of book

805—Billets (Forging)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
 Carbon Steel Co. (Open Hearth), ft. 32nd, Pittsburgh, Pa.
 Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
 Gulf States Steel Co., Birmingham, Ala.
 Kokomo Steel & Wire Co. (Open Hearth), Kokomo, Ind.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 Prosser Thos. D. Co. (Open Hearth), Wheeling, W. Va.

806—Billets (Manganese Bronze)

American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.

807—Billets (Nickel Steel)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.
 Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.
 Crowley John A. Co., 120 Liberty, New York
 Crucible Steel Co. of Amer., Oliver bldg., Pittsburgh, Pa.
 Frasse Peter A. & Co., Inc., 417 Canal, New York. Works Hartford, Conn.
See adv index at end of book

807a—*Billets (Wood)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

808—Billets & Slabs (Iron)

Whitaker-Glessner Co., Wheeling, W. Va.

808a—Billiard (Cue Tips)

du Pont E. I. de Nemours & Co. (The Arlington Works) 725-27 Broadway, New York.

809—Billiard Table Beds (Slate)

American Slate Co., Easton, Pa.
 Bangor Slate Co., Bangor, Pa.
 Coulman & Westcott, Fair Haven, Vt.
 Durick, Keenan & Co., Fair Haven, Vt.
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
 Hammann Slate Co., Bangor, Pa.
 Minogue Bros. & Quinn, Hydeville, Vt.
 O'Day Bros., Hydeville, Vt.
 Penrhyn Slate Co., Hydeville, Vt.
 Scotch Hill Slate Co., Fair Haven, Vt.
 Shimer Slate Co., Bangor, Pa.
 Slatington Slate Co., Slatington, Pa.
 Vermont Unfading Green Slate Co., Fair Haven, Vt.

809a—*Billiard Table Cleaners (Power)

Wisconsin Electric Co. ("Dumore" Electric) Racine, Wis.
See adv index at end of book

809b—*Billies (Policemen's)

Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

810—*Binder Twine

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Champion—Deering—McCormick—Milwaukee—Osborne—Plano—International. Six Grades—Standard, Extra Standard, Sisal, Manila, Superior Manila, Pure Manila), 702 Harvester bldg, Chicago Ill.
See adv index at end of book

Binders

See Harvesters, Various Kinds; also Subclassifications Following

Binders (Core)

See Compounds, Core

811—Binders (Corn)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
 Deere John Harvester Works (also Grain), East Moline, Ill.
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Deering—McCormick—Milwaukee—Osborne), 702 Harvester bldg, Chicago Ill.
See adv index at end of book
 Johnston Harvester Co. ("Johnston"), Batavia, N. Y.
 Moline Plow Co. ("Adriance"), Moline, Ill.
 Wood Walter A. Mowing & R. Mach. Co. ("New Century"), Hoosick Falls, N. Y.

812—*Binders (Grain)

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Champion—Deering—McCormick—Milwaukee—Osborne—Plano), 702 Harvester bldg, Chicago, Ill.
See adv index at end of book

813—Binders (Lumber Load)

Advance Car Mover Co., Appleton, Wis.
 American Logging Tool Co. ("Benjamin"), Evart, Mich.
 Goodyear A. B. & Co. ("Goodyear"), Bloomdale, O.
 Oshkosh Mfg Co. ("Oshkosh" Log or Load Binders), Oshkosh, Wis.

814—Binders (Rice)

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Deering—McCormick), 702 Harvester bldg, Chicago Ill.
See adv index at end of book

815—Binding (Carpet)

Knapp Rubber Binding Co. (Rubber), 31 E 17th, New York
 Painesville Metallic Binding Co., Painesville, O.

815a—Binding (Oil Cloth, Etc.)

Gould's M. Son & Co. (Metallic), 115 Lafayette, Newark, N. J.
 Judd H. L. Co. (Metallic), 87 Chambers, New York
 Painesville Metallic Binding Co. (Metallic), Painesville, O.
 Zenite Metal Co., Indianapolis, Ind.

816—Binding & Gimps (Automobile & Furniture)

Backstay Machine & Leather Co. (Imitation Leather Welts & Bindings), Union City, Ind.
 Bailey G. W. Co. (Imitation Leather Gimps), Brockton, Mass.
 Bauer Bros. Mfg. Co. (Leather Bindings), Richmond & Carr, Cincinnati, Ohio
 Bancroft Textile Co. (Cotton Bindings), Worcester, Mass.
 Brooks Geo. & Son Co. (Upholstery), 5428 Wyalusing, Phila., Pa.
 Casey Mfg. Co. (Imitation Leather Bindings), 216 Monroe av, Detroit, Mich.
 Cleveland Tanning Co. (Leather Welts, Gimps), Denison av & B. & O. R. R., Cleveland, O.
 Eastlake Mfg. Co. (Cotton), Adams av & Leiper, Philadelphia, Pa.
 Eifert Henry F. (Leather), 42 Union sq, New York
 Federal Leather Co. (Upholstery), 30 E 42nd, New York
 Greenspan M. (Silk), 173 Grand, New York
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
 Horstmann Wm. H. Co. (Silk), 5th & Cherry, Phila., Pa.
 Novelty Yarn Co., 2304 Waterloo, Phila., Pa.
 Painesville Metallic Binding Co. (Metallic Binding & Stuff Plates), Painesville, O.
 Siegman & Weil (Tinsel), 20 E 27th, New York
 Stark Textile Co. (Silk Furniture Gimps), Valatie, N. Y.
 Unger Wm. & Bro. (Silk), 496 Broadway, New York
 United States Trimming Co. (Silk), 39 N. 10th, Phila., Pa.
 Wade Mfg. Co. (Imitation Leather Welts), Brockton, Mass.
 Woodward & Cochey (Leather Gimps & Welting), Lynn, Mass.
 Wright S. D. & Co. (Furniture), 1017 N Front, Phila., Pa.

817—Binnacles

Bliss Jno. & Co., 128 Front, New York
 Hand John E. & Sons Co. (Steering Pedestal), 222 Walnut, Phila., Pa.
 Keuffel & Esser, Hoboken, N. J.
 Merrill's R. Sons, 66 South, New York
 Negus T. S. & J. D., 140 Water, New York
 Riggs & Bro. (Compensating), 310 Market, Phila., Pa.
 Ritchie E. S. & Sons, Brookline, Mass.
 Thaxter Saml. & Son, 28 Central, Boston, Mass.

818—Binoculars

American Thermo Ware Co. ("Perplex" Prism), 16 Warren, New York
 Bausch & Lomb Optical Co., Rochester, N. Y.
 Goerz C. P. American Optical Co. ("Trieder"), 317 E 34th, New York
 Gundlach-Manhattan Optical Co., Rochester, N. Y.
 King Julius Optical Co. (Imp.), 10 Maiden la, New York
 Leitz, Ernest (Prism Imp), 30 E 18th, New York
 Spencer Optical Co. (Imp "Audemair"), 1 Maiden lane, New York

819—Bins (Nail)

Eclipse Mfg. Co., Wellston, O.
 Geauga Mfg. Co., Painesville, O.
 Warren J. D. Mfg. Co., 159 N State Chicago, Ill.

819a—*Bins (Portable Stone)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book.*

820—Bins (Steel)

Coal, Coke, Grain, Cement, Ore, Etc
 American Culvert Co. ("American"), Albert Lea, Minn.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
 Bushnell Tank Works (Grain), Bushnell, Ill.
 Butler Mfg. Co. ("B.M.C." Portable, "Butler" Combination, Grain), Kansas City, Mo.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Clark W. J. Co., Salem, Ohio
 Cement Stave Silo Co., Des Moines, Ia.
 Columbian Steel Tank Co., Kansas City, Mo.
 Columbiana Boiler Co., Columbiana, O.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
 Duluth Corrugating & Roofing Co. (Corrugated Grain), Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Ervien Chas. W. & Co., Venango & G, Phila., Pa.
 Fouts C. C. Co. ("Duro" Grain), 650 Woodlawn av, Middletown, O.
 Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.
 Iron Crib & Bin Co. ("The Wayne" Grain) Wooster, O.
JEFFREY MFG. CO. (Coal, Coke & Ore), 961 N Fourth, Columbus, O.
See adv index at end of book
 Kansas City Structural Steel Co., Kansas, Kans.
 Kelly Foundry & Machine Co. (Grain), Goshen, Ind.
 Kennicott Co., Chicago Heights, Ill.
 Koven L. O. & Bro. (Grain, Coal, etc), 154 Ogden av, Jersey City, N. J.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio.
 Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
 McKee Arthur G. & Co. ("Baker" Suspension Storage), Cleveland, O.
MacKINNON BOILER & MACHINE CO. (Cement), 218 N Water, Bay City, Mich. *See adv index at end of book*
 Manitowoc Engineering Works, Manitowoc, Wis.
 Mitchell-Tappen Co., 50 Broad, New York
 Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
 North Dakota Metal Culvert Co. (Grain, Portable & Sectional), Fargo, N. D.
 Pennsylvania Engineering Works (Coke & Ore), New Castle, Pa.
 Petroleum Iron Works Co., Sharon, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Reeves Bros. Co. (Cement, Ore, etc), Alliance, O.
 Rock Island Bridge & Iron Works, Rock Island, Ill.
SCAIFE WM. B. & SONS CO. (Coal, Coke, Ore, etc), First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York. *See adv index at end of book*
SNEAD & CO. IRON WORKS, INC., 98 Pine, Jersey City, N. J.
See adv index at end of book
TREADWELL CONSTRUCTION CO. (Cement, Ore, etc), Midland, Pa.
See adv index at end of book
 United Iron Works Co. (Coal, Ore, etc.), Springfield, Mo.
 Woodman Andrew U. & Co., West De Pere, Wis.
 Worthington Pump & Mach'y Corp. (Cement), 115 B'way, New York

821—Bins (Steel Factory)

Allsteelequip Co., Aurora, Ill.
 Arnold S. G. ("Guttman"), 2619 W Vanburen, Chicago, Ill.
 Berger Mfg. Co., Canton, O.

CHICAGO BRIDGE & IRON WORKS

2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Cleveland Wire Spring Co., Cleveland, O.
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Jefferis Richard W. Co. ("Jefferis" Pressed Steel), Camden, N. J.
 Lyon Metallic Mfg. Co., Aurora, Ill.
 Manufacturing, Equipment & Eng. Co. ("Meeco"), 136 Federal, Boston, Mass.
 Works, Framingham, Mass.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Shawmut Iron & Wire Works ("Shawmut" System of Steel & Wire Grille Bins), Everett, Mass.
SNEAD & CO. IRON WORKS, INC., 11 Pine, Jersey City, N. J.
See adv index at end of book
 Terrell's Equipment Co., Broadway, Grand Rapids, Mich.

821a—Bins Stone

American Road Machine Co., Com'rc'l Tr. bldg., Phila., Pa.

822—Biscuits (Dog)

Austin Dog Bread & Animal Food Co., Chelsea, Mass.
 Marx M F. Mfg. Co. ("Ideal"), Louisville, Ky.
 Potter & Wrightington, Board of Trade bldg, Boston, Mass.
 Spratts Patent American (Ltd.), 14 Congress, Newark, N. J.

823—Bismuth

American Smelting & Refining Co. (Producers), 120 B'way, New York
 Drakenfeld B. F. & Co. (Oxide & Nitrates, Imp), 50 Murray, New York
 Hendricks Bros. (Imp), 49 Cliff, New York
 McKesson & Robbins (Imp), 91 Fulton, New York
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
 Merchant & Evans Co. (Metal), 2035 Washington av, Phila., Pa.
See adv index at end of book
 Merck & Co., 45 Park pl, New York
 New York Quinine & Chemical Works, 114 William, New York
 Pfizer Chas. & Co. (Subnitrate, Subgallate, Subcarbonate, etc), 81 Maiden la, New York
 Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.
 Trotter Nathan & Co. (Jobbers), 36 N Front, Phila., Pa.
 United States Metals Refining Co., 120 B'way, New York
 U. S. Smelting Refining & Mining Co. (Producers), 55 Congress, Boston, Mass.

824—Bisulphate of Soda

Butterworth-Judson Co., Av R, Passaic River, Newark, N. J.
 Wolf, Jacques & Co., Passaic, N. J.

Bisulphide of Carbon

See Carbon Bi-Sulphide

825—Bisulphite of Soda

Avery Chemical Co., 88 Broad, Boston, Mass.
 Butterworth-Judson Co., Av R, Newark, N. J.
 General Chemical Co., 25 Broad, New York
 Mechling Bros. Mfg. Co., Camden, N. J.
 Merrimac Chemical Co., 148 State, Boston, Mass.

826—Bit Braces

Atkins E. C. & Co., Indianapolis, Ind.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Bergman Tool Mfg. Co. (American Bit Braces), Buffalo, N. Y.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
 Dicke Tool Co. (For Electricians, Plumbers, etc), Downers Grove, Ill.
 Forest City Bit & Tool Co., Rockford, Ill.
 Fray John S. Co. (Ratchet, Sleeve, Drill & Corner Braces), Bridgeport, Conn.

Goodell-Pratt Co. ("Goodell Tool Co." Ratchet, Sleeve & Corner), Greenfield, Mass.
 Ives W. A. Mfg. Co. ("New Haven Novelty," "Ives," "Centennial," "Century"), Wallingford, Conn.
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
 Lancaster Machine & Knife Works (Ratchet & Straight), Lancaster, N. Y.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Millers Falls Co. ("Barber" & "Barker" Ratchet Corner), 28 Warren, New York
 Peck, Stow & Wilcox Co. ("P. S. & W. Samson"), Southington, Conn.
 Southington Mfg. Co., Southington, Conn.
 Stanley Rule & Level Co., New Britain, Conn.
 Star Bit & Tool Co., Rockford, Ill.
 Turner & Deegan ("Barbers" Grip Sleeve, Ball, Ratchet, etc), Bristol, Conn.
 Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

827— Bit Stocks (Angular)

Forest City Bit & Tool Co., Rockford, Ill.
 Fray John S. Co., Bridgeport, Conn.
 Goodell-Pratt Co. ("Goodell Tool Co.," "Universal"), Greenfield, Mass.
 Lancaster Machine & Knife Works, Lancaster, N. Y.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Millers Falls Co. ("Universal"), 28 Warren, New York. Works: Millers Falls, Mass.

828— Bits (Auger)

Connecticut Valley Mfg. Co. ("Wright's Jennings'"), Centerbrook, Conn.
 Drew C. & Co., Kingston, Mass.
 Forest City Bit & Tool Co., Rockford, Ill.
 Greenlee Bros. & Co. ("Greenlee"), Rockford, Ill.
 Hardisty & Co., Garland Linwood, Cincinnati, O.
 Irwin Auger Bit Co., Wilmington, O.
 Ives W. A. Mfg. Co. ("Mephisto," "Irwin Pattern," "Conn. Mfg. Co.," "Utility"), Wallingford, Conn.
 Jackson Mfg. Co. ("Irwin" Pattern), Jackson, O.
 Jennings C. E. & Co. ("C. E. J. & Co.," "Noble's," "Excelsior," "Watrous," "Clark's," "Cook's," "Passaic"), 71 Murray, New York
 Jennings-Russell Mfg. Co., Chester, Conn.
 Lebanon Machine Co. ("Z") Lebanon, N. H.
 Millers Falls Co., Millers Falls, Mass.
 New Haven Copper Co., Seymour, Conn.
 Ohio Tool Co. ("Bailey," "Ohio Extra"), Charleston, W. Va.
 Peck, Stow & Wilcox Co. ("Taylor"), Southington, Conn.
 Progressive Mfg. Co. ("Forstner"), Torrington, Conn.
 Pugh Job T. ("Black Twist"), 31st & Ludlow, Phila., Pa.
 Rockford Bit Co., Kokomo, Ind.
 Slack S. Alex. (Hand Made), Oxford, Pa.
SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York
See adv index at end of book

829— Bits (Auger, Special)

Adams A. L. ("Forstner Pat'n"), Bridgeport, Conn.
 Cleveland Lock Works (Square Boring), Cleveland, O.
 Progressive Mfg. Co. ("Forstner"), Torrington, Conn.

Bits (Bell Hangers')

See Drills & Bits, Electricians'

830— Bits (Bridle)

See also Hardware Manufacturers, Saddlery
 American Hame & Bit Co., 59 N. J. R. R. av, Newark, N. J.
 American Mfg. Co. (Bits & Hdw. Specialties), Chattanooga, Tenn.
 Bartley Bros. & Hall ("Eglentine" Imported), 50 Warren, New York.
 Beery Jesse Co., Pleasant Hill, O.
 Buermann August Mfg. Co., 220 Jeliff av, Newark, N. J.
 Colton Mfg. Co., Montpelier, Vt.
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Empire Tire & Rubber Corp. (Rubber Covered), East Trenton, N. J.
See adv index at end of book
 Fernald Mfg. Co. ("Success," "Triumph"), North East, Pa.
 Frazer & Jones Co., Syracuse, N. Y.
 Hills Edwin, Plainville, Conn.
 Imperial Bit & Snap Co. ("Beery," "Imperial"), Racine, Wis.
 Le Compte Mfg. Co., 44 Elm, Newark, N. J.
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
 Rubber & Celluloid Harness Trimming Co. (Hard Rubber Covered, etc), 56 Ferry, Newark, N. J.
 Stalker Mfg. Co., 71 W B'way, New York
 Upton & Gilman Machine Co. ("Huntoon," "Safety"), Lowell, Mass.
 Van Arsdale Wm. ("Success"), Racine, Wis.

331— Bits (Core)

Imperial Iron Works (For Diamond Drills), Duluth, Minn.

Bits (Countersink)

See Countersinks

Bits (Dowel)

See Bits, Machine, Wood

Bits (Electricians')

See Drills & Bits, Electricians'

832— Bits (Expansive)

Bernz Otto, 21 Ashland av, Newark, N. J.
 Brown R. H. & Co. ("Clark's"), New Haven, Conn.
 Conn. Valley Mfg. Co. ("Clark"), Centerbrook, Conn.
 Davis Hardware Mfg. Co. ("Clark"), Gloucester, Mass.
 Fray John S. Co., Bridgeport, Conn.
 Ives W. A. Mfg. Co. ("Mephisto," "Clark Pattern"), Wallingford, Conn.
 Jennings C. E. & Co. ("C. E. J. & Co.'s," "Steer's Patent," "Clark" Pattern), 71 Murray, New York
 Kilborn & Bishop Co. ("Lavigne" Patent), New Haven, Conn.
 Ohio Tool Co. ("Ohio"), Charleston, W. Va.
 Peck, Stow & Wilcox Co. ("Samson" Patent), Southington, Conn.
 S. & I. Co., Springfield, Mass.
SMITH & HEMENWAY CO. ("Red Devil") 76 Chambers, New York
See adv index at end of book
 Stanley Rule & Level Co. ("Foss" Patent), New Britain, Conn.
 Swan James Co. ("Clark's," "Swan's"), Seymour, Conn.
 Yonts C. H. & Co., Meadville, Pa.

833— Bits (Gimlet)

Bagshaw & Field, 445 N 5th, Phila., Pa.
 Connecticut Valley Mfg. Co., Centerbrook, Conn.
 Cooper Edw. S., Seymour, Conn.
 Deuse J. S. (German, Double Cut Bits & Gimlets, Bell Hangers, etc), Chester, Conn.

Goodell-Pratt Co., Greenfield, Mass.
 Jennings C. E. & Co. ("Jennings'," "Clark's" & "Blake's" Double Cut, German, etc), 71 Murray, New York
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Snell Mfg. Co., Fiskdale, Mass.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Swan Jas. Co. (German), Seymour, Conn.

834—Bits (Hollow Chisel & Router)

Forest City Bit & Tool Co., Rockford, Ill.
 Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
 Irwin Auger Bit Co., Wilmington, O.
 Pugh Job T., 31st & Ludlow, Phila., Pa.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Star Bit & Tool Co., Rockford, Ill.

Bits (Horse)

See Bits, Bridle; also Hardware Manufacturers, Saddlery

835— Bits (Hub Boring)

Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
 Forest City Bit & Tool Co., Rockford, Ill.
 Irwin Auger Bit Co., Wilmington, O.
 Pugh Job T., 31st & Ludlow, Phila., Pa.
 Snell Mfg. Co., Fiskdale, Mass.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Star Bit & Tool Co., Rockford, Ill.

836—Bits (Machine, Mining)

Beall Bros., Alton, Ill.
 Buettner-Shelbourne Machine Co., Terre Haute, Ind.
 Fulton Tool Works ("Fulton"), Canal, Fulton, O.
 Hardsocg Martin Co. (Tool Steel), N S Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
 Leetonia Tool Co., Leetonia, O.
 McKay Jas. Co., Thompson av, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
 What Cheer Tool Co. (Machine Chain Cutter, Bits, etc), What Cheer, Ia.

837— Bits (Machine, Wood)

Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Connecticut Valley Mfg. Co., Centerbrook, Conn.
 Detroit Twist Drill Co. (Straight Shank, etc), 555 Fort, Detroit, Mich.
See adv index at end of book
 Ford Auger Bit Co., Holyoke, Mass.
 Forest City Bit & Tool Co. ("Forest City," "Wood Boring"), Rockford, Ill.
 Greenlee Bros. & Co., Rockford, Ill.
 Hardisty & Co., Garland Linwood, Cincinnati, O.
 Irwin Auger Bit Co., Wilmington, O.
 Jackson Mfg. Co., Jackson, O.
 Jennings Russell Mfg. Co., Chester, Conn.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 New Process Twist Drill Co., Taunton, Mass.
 Ohio Tool Co. ("Bailey") Charleston, W. Va.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Progressive Mfg. Co. ("Forstner"), Torrington, Conn.
 Pugh Job T., 31st & Ludlow, Phila., Pa.
 Rockford Bit Co., Kokomo, Ind.
 Sandusky Tool Co., Sandusky, O.
 Snell Mfg. Co., Fiskdale, Mass.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Star Bit & Tool Co. (Screw Shank), Rockford, Ill.
 Swan Jas. Co. ("Jennings'," Pattern), Seymour, Conn.
 Union Twist Drill Co. (Taper Length, "Morse" Taper Shanks, Straight "Prentice" Shanks), Athol, Mass.
 Whitman & Barnes Mfg. Co. ("Prentice"), Akron, O. *See adv index at end of book*
 Wood Morris & Son (Loose Centre), 5108 W Lake, Chicago, Ill.

"RED DEVIL"
AUGER BITS

Made in single and double twist, all hand forged from high grade tempered steel. Bore with or against the grain, no clogging or splintering, bore in hard or soft wood.

Obtain 10% More Clearance

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SMITH & HEMENWAY CO., Inc.
76 Chambers St. - New York City

Snell Mfg. Co. ("Snell," "Bates," "King"), Fiskdale, Mass.
 Swan Jas. Co. ("Cook's," "Irwin" & "Jennings" Patterns), Seymour, Conn.
 Thayer Mfg. Co., Williamsburg, Mass.

837a— Bits (Pipe)

DU PONT E. I. DE NEMOURS & CO. (The Arlington Works), 725-27 Broadway, New York.

838— Bits (Pod)

Mayhew H. H. Co., Shelburne Falls, Mass.

839— Bits (Rail Drilling)

Atha Tool Co., Chapel, Newark, N. J.
Buda Co., Railway Exch. bldg, Chicago, Ill.
Whitman & Barnes Mfg. Co. ("Economy"), Akron, O.
See adv index at end of book

Bits (Reamer)

See Reamers, Bit Brace

840— Bits (Screw Driver)

Archer Newton H., New Haven, Conn.
Bagshaw & Field, 445 N 5th, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Brown R. H. & Co., New Haven, Conn.
Buck Bros., Millbury, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio. *See adv index at end of book*
Conn. Valley Mfg. Co., Centerbrook, Conn.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Deuse J. S., Chester, Conn.
Ford Auger Bit Co. ("Ford"), Holyoke, Mass.
Fray John S. Co. ("Fray's" Hollow Handle Screw Driver Sets), Bridgeport, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Grammes L. F. & Sons (For Toy Tools), Allentown, Pa.
Humason & Beckley Mfg. Co. ("H. & B." Cast Steel), New Britain, Ct.
Irwin Auger Bit Co., Wilmington, O.
Jackson Mfg. Co., Jackson, O.
Jennings C. E. & Co. ("C. E. J. Co.'s" "Hinsdale," "Blake"), 71 Murray, New York
Johnson Wm. (Hedenberg Wks), Newark, N. J.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kilborn & Bishop Co., New Haven, Conn.
Kraeuter & Co., 583 18th av, Newark, N. J.
Mayhew H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass.
Ohio Tool Co., Charleston, W. Va.
Peck, Stow & Wilcox Co., Southington, Conn.
Pugh Job T., 31st & Ludlow, Phila., Pa.
S. & I. Co. ("S. & I." Full Polished or Carbon Finished), Springfield, Mass.
Sawyer Tool Mfg. Co. ("Samson"), Ashburnham, Mass.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.

SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York.
See adv index at end of book
Snell Mfg. Co., Fiskdale, Mass.
Stanley Rule & Level Co., New Britain, Conn.

Stortz John & Son, 210 Vine, Phila., Pa.
Swan Jas. Co., Seymour, Conn.
SYRACUSE TWIST DRILL CO. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book

Thayer Mfg. Co., Williamsburg, Mass.
Thomson Drop Forge Co., Plantsville, Conn.

Tucke Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
West Haven Mfg. Co. ("Handy" for Tap Wrenches or Bit Braces), West Haven, Conn.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

841— Bits (Sucker Rod)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

842— Bits (Tapping)

Pugh John T., 31 & Ludlow, Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.
Swan James Co., Seymour, Conn.

843— Bits (Tong)

Hough Chas. N. Mfg. Co. ("Klein," "Lay," "Crumble," "Jumbo" Patterns), Franklin, Pa.

844— *Bits (Tool Holder)

FRASSE PETER A. & CO., Inc., 417 Canal, New York
See adv index at end of book

Bits (Wood Boring)

See Bits, Machine, Wood

845— Bitumen Importers

Lamson John S. & Bro., 80 Maiden Lane, New York

846— *Blackboard Signs

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book

847—Blackboard Surfacing Material

Acme White Lead & Color Works, St. Aubin & M C R R, Detroit, Mich.
American Seating Co. ("Acme"), 14 E Jackson blvd, Chicago, Ill.
American Soapstone Finish Co. ("Dodge"), Chester Depot, Vt.
Burdal A. Co., Indianapolis, Ind.
Caxton School Supply Co., 560 W. Monroe, Chicago, Ill.
Devoe & Reynolds Co., Inc. ("Harvard"), 101 Fulton, New York
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Hammett J. L. Co., Kendall sq., Cambridge, Mass.
Harrisons, Inc., 3500 Gray's Ferry rd, Phila., Pa.
Lawrence W. W. & Co., Pittsburgh, Pa.
Lucas Jno. & Co., 322 Race, Phila., Pa.
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
N. Y. Silicate Book Slate Co., 20 Vesey, New York
United States Gypsum Co., 205 W Monroe, Chicago, Ill.

848—Blackboards (Composition)

Atlas School Supply Co. ("Kraoplate"), 531 S. Peoria, Chicago, Ill.
Beckley Cardy Co. ("Beckley's" Artificial Slate), 312 W Randolph, Chicago, Ill.

849— Blackboards (Silicate)

New York Silicate Book Slate Co., 24 Vesey, New York

850— Blackboards (Slate)

Albion Bangor Slate Co. Wind Gap, Pa.
Allen Blaredall Co., 12 Pearl, Boston, Mass.
Bangor Slate Mining Co., Bangor, Pa.
Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
Carbon Slate Co. (Rough), Slatington, Pa.
Caxton School Supply Co., 560 W Monroe, Chicago, Ill.
Columbus Slate Co., New Hayden bldg, Columbus, O.
Crown Slate Co., Pen Argyl, Pa.
East Bangor Consolidated Slate Co., E Bangor, Pa.
Edward Slate Co., Granville, N. Y.
Excelsior Slate Co., Pen Argyl, Pa.
Genuine Washington Slate Co., Slatington, Pa.

GENUINE BANGOR SLATE CO., Easton, Pa.

Hahn Granville, Walnutport, Pa.
HAMMANN SLATE CO., Bangor, Pa.
HAMMETT J. L. CO. ("Hyloplate") Kendall sq, Cambridge, Mass.

Hercules Slate Co., Bangor, Me.
Hower J. K., Danielsville, Pa.
International Slate Co., Slatington, Pa.
JOHNSON E. J., INC., 19 W. 44th, New York
Lehigh Structural Slate Mfg. Co., Bangor, Pa.

Lobb, Parry & Co., Danielsville, Pa.
Monarch Black Board Structural Slate Co., Slatington, Pa.
Monson Maine Slate Co., 112 Water, Boston, Mass.

National School Slate Co., Slatington, Pa.
Natural Slate Blackboard Co., Pen Argyl, Pa.

New York Silicate Book Slate Co. ("Silicate"), 24 Vesey, New York
North Bangor Slate Co., Bangor, Pa.
O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.

Penna. Blackboard Co., Slatington, Pa.
Penna. Slate Co. (Rough), Slatington, Pa.
Phoenix Slate Co., Windgap, Pa.
Sieger & Son Mfg. Co., Slatington, Pa.
Shimer Slate Co., Bangor, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Tinsman M. L. & Co., Pen Argyl, Pa.
Unger John F. Co., Slatington, Pa.
Vermont Unfading Green Slate Co. (Purple & Green), Fair Haven, Vt.
Woodley Slate Co., Bangor, Pa.

851— Black Hypo

Katzenbach & Bullock Co. (Imp), Trenton, N. J.
Uhlich Paul & Co. (Imp), 11 Cliff, New York

852— Black Iron

Eastwood Chemical Co. (For Silk Dyeing), Belleville, N. J.

853— *Black Lead

See also Graphite Miners & Refiners
DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. *See adv index at end of book*

854-5—Black Plates for Tinning

Alcania Company, Oliver bldg., Pittsburgh, Pa. Mills: Avonmore, Pa.
American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.
Berger Mfg. Co. (Iron Sheets for Tinning), Canton, O.
Canonsburg Steel & Iron Works, Canonsburg, Pa.
Carnahan Tin Plate & Sheet Co., Canton, Ohio
Follansbee Bros. Co. (Open Hearth), Pittsburgh, Pa.
Griffiths Charcoal Iron Mills, Washington, Pa.
Lalace & Grosjean Mfg. Co. (All Consumed by the Company), 299 Broadway, New York
McKeesport Tin Plate Co., McKeesport, Pa.
National Enameling & Stamping Co., 411 5th av, New York
Ohio Corrugating Co., Warren, O.
See adv index at end of book
Phillips Sheet & Tin Plate Co. (Also Long Sheets), Weirton, W. Va.
Standard Tin Plate Co., Canonsburg, Pa.
Taylor N & G Co., Mariner & Merchant bldg, Phila., Pa.
Washington Tin Plate Co., Washington, Pa.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Whitaker-Glessner Co., Wheeling, W. Va.

Blacking (Harness Oil)

See Dressing, Carriage Top, Harness, etc

856— Blacking (Leather)

See also Shoe Blacking and Polishes
Eastwood Chemical Co. (For Tanneries), Belleville, N. J.
Miller Frank Co., 349 W 26th, New York

Blacking (Shoe)

See Shoe Blacking & Polishes

Blacking (Stove)

See Stove Polish

Blacksmiths' Supplies

Consult Index of Contents for specific Article desired

857-8— Bladders (Rubber)

Goodrich B. F. & Co. (Foot Ball, etc), Akron, O.
Tyer Rubber Co. (Foot Ball, Basket Ball, Striking Bag, etc), Andover, Mass.

859—Blades (Cloth Cutting Machine)

Emrich Phil (Circular, Rotary, Straight & Serrated Edge), 824 Main, Cincinnati, O.

859a—*Blades (Fan, Electric Ceiling)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*

860— Blades (Fan, Metal)

Bridgeport Brass Co., Bridgeport, Conn.
Eck Dynamo & Motor Co. ("Wing
Blades" for Electric Fans), Belle-
ville, N. J. *See adv index at end of book*
Torrington Mfg. Co., Torrington, Conn.

861— Blades (Fan, Wood)

Burlington Venetian Blind Co., Burling-
ton, Vt.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Phoenix Sliding Blind Co., Phoenix, N. Y.
Requarth F. A. Co., Dayton, O.

861a— Blades (Fountain)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Blades (Hack Saw)

See Saw Blades & Frames, Hack

862— Blades (Lawn Mower)

Rossell Henry (Welded Iron & Steel), 24
S Jefferson, Chicago, Ill.

863— Blades (Metal Shear)

See also Knives, Machine

BLISS E. W. CO., 19 Adams, Brooklyn,
N. Y. *See adv index at end of book*

Cleveland Punch & Shear Works Co., 3921
St. Clair av N E, Cleveland, O.

Cleveland Steel Tool Co. (Hand & Power),
660 E 82d, Cleveland, O.

Detroit Edge Tool Works, Woodbridge &
McDougall, Detroit, Mich.

Disston Henry & Sons, Tacony, Phila., Pa.
Hankey & Co., Rochdale, Mass.

Heppenstall Forge & Knife Co., Pitts-
burgh, Pa.

HILLES & JONES CO., East Wilmington,
Del. *See adv index at end of book*

NIAGARA MACHINE & TOOL WORKS,
Buffalo, N. Y.

See adv index at end of book
Pittsburgh Knife & Forge Co., 709 Belmont,
Pittsburgh, Pa.

Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.

See adv index at end of book
White L. & I. J. Co., 120 Columbia, Buf-
falo, N. Y.

864— Blades (Rolling Coulter)

Galesburg Coulter Disc Co., Galesburg, Ill.

865— Blades (Safety Razor)

See also Razors Mfrs., Safety

Clark Blade Razor Co., 56 Summer av,
Newark, N. J.

Crescent Mfg. Co., Fremont, Ohio.

865a—Blades (Semaphore Signal)

Signal Accessories Co. ("Saco"), Utica,
N. Y.

866—Blades (Shoe Cutters' Extension)

Hyde Mfg. Co., Southbridge, Mass.
Richard Stephen Co., Southbridge, Mass.

867—Blades (Squaring Shear)

Emrich Phil., 824 Main, Cincinnati, O.

867a— *Blades (Tongue)

ESTES E. B. & SONS, 358 5th av, New
York. *See adv index at end of book*

868— Blanc Fixe

Brewer & Co., Worcester, Mass.

CLINCHFIELD PRODUCTS CORPN.,
120 B'way, New York

See adv index at end of book

Commercial Chemical Co. (Powdered Re-
dried), Clearing, Ill.

Coulston J. W. & Co. (Imp), 80 Maiden la,
New York

Gabriel & Schall (Imported), 205 Pearl,
New York

Providence Drysalts Co., 86 Weybosset,
Providence, R. I.

Vanderbilt, R. I. Co., 50 E. 42d, New York

Waldo E. M. & F., 11 B'way, New York

Virginia Consolidated Chemical Corp., 100
B'way, New York

869— Blanchers (Peanut)

See also Peanut Machinery

Lambert Machine Co., Marshall, Mich.
McLean Jno., Lockport, N. Y.

870— Blankets (Cotton)

Beacon Mfg. Co., New Bedford, Mass.
Boston Duck Co., Bondsville, Mass.
Chicopee Mfg. Corp., Chicopee Falls,
Mass.

Esmond Mills, Esmond, R. I.
Manetta Mills, Lando, S. C.
Nashua Mfg. Co., Nashua, N. H.
Old Colony Mfg. Co., Taunton, Mass.
Tremont & Suffolk Mills, Lowell, Mass.
Whittenton Mfg. Co., Taunton Mass.

871— Blankets (Felt)

Best Edw. H. & Co. (Machy), 222 Pur-
chase, Boston, Mass.

New England Fibre Blanket Co., Wor-
cester, Mass.

Orr Felt & Blanket Co., Piqua, Ohio
Waterbury Felt Co., Skaneateles Falls,
N. Y.

872—Blankets (Horse & Cattle)

Ashworth's J. E. Sons, West Brookville,
N. Y.

Ayres Wm. & Sons, 3rd & Cumberland,
Phila., Pa.

Beckman N. O. Co., Fulton rd, N W, Cleve-
land, O.

Bemis Bro. Bag Co., 601 S 4th, St. Louis,
Mo.

Burlington Blanket Co. ("Stay On"),
Burlington, Wis.

Candor Blanket Co., Candor, N. Y.

Chase L. C. & Co. (Horse Clothing & Cow
Covers), 89 Franklin, Boston, Mass.

See adv index at end of book
Clark Mfg. Co., West Newton, Mass.

COUCH BROS. MFG. CO., Atlanta, Ga.

Freeland Mfg. Co., Freeland & Walnut la,
Phila., Pa.

Hubbell J. L. ("Navajo"), Ganado, Ariz.

Hygienic Blanket Mills, Hubbardston,
Mass.

Kelly Thos. & Co. ("Burleigh"), 89
Chauncy, Boston, Mass.

Langstroth T. W., 77 Warren, New York

Louisville Girth & Blanket Mills (Blan-
ket), Louisville, Ky.

Mianus Mfg. Co. (Plush), Coscob, Conn.

Monadnock Blanket Mills, Marlboro, N. H.

Oregon City Mfg. Co., Oregon City, Ore.

Ray Fabric Mills, Franklin, Mass.

Riley Wm. B. & Co., 238 Chestnut, Phila.,
Pa.

Rockfall Woolen Co., Middletown, Conn.

Sanford Mills (Plush Horse), Sanford, Me.

Springfield Blanket Co., Holyoke, Mass.

Hendricks' Commercial Register

is not a Catalog of
Advertisers alone,
but a Complete
Register of the
manufacturers and
jobbers in every line of
trade that comes within
the scope of the work.

Stafford's Jas. Sons, Kram's av, Phila., Pa.
Troy Blanket Mills, Troy, N. H.
Valley Woolen Mills, Marlboro, N. H.
Wallace & Smith Co., La Porte, Ind.
Waterbury H. & Sons Co., Oriskany, N. Y.

873— Blankets (Mining)

Hygienic Blanket Mills, Hubbardston,
Mass.

**874—Blankets (Printers' & Litho-
graphers')**

Boston Belting Co., 84 Linden Park st.,
Boston, Mass.

Central Commercial Co. (Press), 111 N
Market, Chicago, Ill.

Goodrich B. F. Co., Akron, O.

Gutta Percha & Rubber Mfg. Co., 126
Duane, New York

Hodgman Rubber Co., 8 W. 40th, New
York

Kush Gustave, 3 Park row, New York

New England Fibre Blanket Co. (Fibre,
Rubber, Felt, Oiled, etc), Worcester,
Mass.

Noone's Joseph Sons Co. (Woolen), Pe-
terboro, N. H.

Peerless Rubber Mfg. Co., 31, Warren, N. Y.

Revere Rubber Co., 60 High, Boston, Mass.

Voorhees Rubber Mfg. Co., 18 Bostwick av,
Jersey City, N. J.

875—Blankets (Rubber Hospital)

Athol Mfg. Co., Athol, Mass.

Chicago Rubber Clothing Co., Racine, Wis.

Clifton Mfg. Co., 65 Brookside av, Ja-
maica Plain, Boston, Mass.

Hodgman Rubber Co., 8 W. 40th, New York

Tyer Rubber Co. ("Tyrian"), Andover,
Mass.

876-7— Blankets (Woolen)

Alpena Woolen Mill Co., Alpena, Mich.

Alpine Woolen Mills, Mount Airy, N. C.

Amana Society, Amana, Ia.

American Kersey Co., Litchfield, Minn.

American Woolen Co., 82 Devonshire, Bos-
ton, Mass.

Anchor Woolen Mills, Maryville, Tenn.

Apollo Woolen Mills (Bed), Apollo, Pa.

Barnesville Mfg. Co., Barnesville, W. Va.

Barron Woolen Mill Co., Barron, Wis.

Bedford Mills Co., Bedford City, Va.

Birdsall Bros. Co., Honesdale, Pa.

Blue J. J. & Son, Ettrick, Wis.

Bridgewater Mfg. Co., Bridgewater, Va.

Brooksville Woolen Mill, Brooksville, Me.

Brownsville Woolen Mills Co., Brownsville,
Ore.

Brunger S. & Co., Sullivan, Ind.

Buell Mfg. Co. (Also Indian Robes), St.
Joseph, Mo.

Burroughs & Taylor Co., Cave, Tenn.

Byfield Woolen Co. (Bed), Byfield, Mass.

California Woolen Mfg. Co., California,
Mo.

Campbellsville Mfg. Co., Campbellsville,
Ky.

Capps J. & Sons (Ltd.), (Indian Robes),
Jacksonville, Ill.

Cedar Bluff Woolen Co., Cedar Bluff, Va.

Cedarburg Woolen Mills, Cedarburg, Wis.

Chatham Mfg. Co., Elkin, N. C.

Chippewa Falls Woolen Mills, Chippewa
Falls, Wis.

Cleveland Woolen Mills Co., Dresden, O.

Columbia Mills, Lewiston, Me.

Cordaville Woolen Co. (Bed), Cordaville,
Mass.

Covington Woolen Mills, Covington, O.

Craigsville Woolen Mfg. Co., Craigsville,
Pa.

Dobson J. & J., Falls Schuylkill, Phila.,
Pa.

Dresden Woolen Mills, Dresden, O.

Ellsworth Woolen Mill, Ellsworth, Me.

Erskine Alex., 4th & Somerset, Phila., Pa.

Eugene Woolen Mill Co., Eugene, Ore.

Fairbault Woolen Mill Co., Fairbault,
Minn.

Fields Mfg. Co., Mouth of Wilson, Va.

Freeland Mfg. Co., Freeland av & Walnut
la, Phila., Pa.

Gibboney A. R. & Co. (Bed), Reedsville,
Pa.

Goodwin C. E. & Sons, Cumberland Gap,
Tenn.

Gordon, Wm. M. & Son, Galax, Va.

Graff P. & Co., Worthington, Pa.

Green River Woolen Mills, Phil., Ky.

Gwyn-Harper Mfg. Co., Patterson, N. C.

Heathcote S. E. & Co., Glen Rock, Pa.

Heijkes E. K., York Springs, Pa.

Hey Richard & Son, Main blk, Walnut la, Phila., Pa.
 Hinsdale Woolen Mill, Hinsdale, Mass.
 Hollywood Mfg. Co., Hollywood, W. Va.
 Houlton Woolen Mill, Houlton, Me.
 Hygienic Blanket Mills (Horse, Carriage, Mining, Institution, Saddle, etc), Hubbardston, Mass.
 Imperial Woolen Co., Main & Rector, Phila., Pa.
 Keller J. D., Houserville, Pa.
 Kennedy D. & Sons, Monticello, Wis.
 Kent T. Mfg. Co., Clifton Heights, Pa.
 Kiamensi Woolen Co., Stanton, Del.
 Knight Woolen Mills, Provo, Utah
 Kuenzel Mills Co. (Bed), New Bremen, Ohio
 Lancaster A. & Co., Chester, N. J.
 Langville Woolen Mills Co., Langville, Pa.
 Lebanon Woolen Mills, Lebanon, Tenn.
 Liebhart William L. & Co., Middletown, Ind.
 Lonsdale's J. Sons, Dale, Ia.
 Loud D. A. & Co., Lexington, Ky.
 McAnespie J. & Co., Lancaster, O.
 McGee Mfg. Co., Greenville, S. C.
 Monadnock Blanket Mills (Horse & Camp Blankets), Marlboro, N. H.
 Muncy Woolen Mills Co. (All Wool & Cotton Warp White & Colored Bed Blankets), Muncy, Pa.
 Nashua Woolen Mills, Nashua, Ia.
 Newichawanick Co., South Berwick, Me.
 North Star Woolen Mill Co., 228 S 2d, Minneapolis, Minn.
 Olney G. W. Woolen Co., Cherry Valley, Mass.
 Oregon City Mfg. Co. (Indian Robes), Oregon City, Ore.
 Orr Felt & Blanket Co. (Bed), Piqua, O.
 Patrick F. A. & Co., Duluth, Minn.
 Pearce Mfg. Co. (Bed), Latrobe, Pa.
 Pendleton Woolen Mills (Also Indian Robes), Pendleton, Ore.
 Portland Woolen Mills, Portland, O.
 Prairie du Chien Woolen Mill Co., Prairie du Chien, Wis.
 St. Mary's Woolen Mfg. Co. (Fine Bed), St. Mary's, O.
 Schaeffer J. M., Sandy Lake, Pa.
 Schofield J. & Son, Madison, Ind.
 Settle T. F., Scottsville, Ky.
 Seymour Woolen Mills, Seymour, Ind.
 Shuler & Benninghofen (All Wool & Cotton Warp, also Indian Robes), Hamilton, O.
 Spangler W. H., Fitzpatrick, W. Va.
 Springfield Blanket Co. (Bed & Horse), Holyoke, Mass.
 Springfield C. W. & Co. (Fine Bed), South Wolfboro, N. H.
 Springfield Woolen Mills Co. (Bed), Springfield, Tenn.
 Stafford's Jas. Sons (Bed & Horse), Kram's av, Phila., Pa.
 Stickler J. M., Mauston, Wis.
 Susquehanna Woolen Co. (Bed), New Cumberland, Pa.
 Townsend J. E. (Estate of), (Bed), Milton Mills, N. H.
 Vaughn C. P. & Dunn, Willis, Va.
 Wallace & Smith Co. (Bed & Horse), La Porte, Ind.
 Webb T. A. W. & Son, Allensville, Pa.
 West Bend Woolen Mills, West Bend, Wis.
 Winthrop Mills Co. (Bed), Winthrop, Me.
 Woodcock A. B., Waterside, Pa.

878-9—Blanks (Copper & German Silver)

Seymour Mfg. Co., Seymour, Conn.

880—Blanks (Glass Cutters)

McKee Glass Co., Jeannette, Pa.
 Rodefer Glass Co. The (Plano Convex & Double Convex Blanks, for Cutting Polishing), Bellaire, O.
See adv index at end of book

880a—*Blanks (Handle)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

881—Blanks (Key)

Bohannon Wilson, 760 Lexington av, Brooklyn, N. Y.
 Corbin Cabinet Lock Co., New Britain, Conn.
 Eagle Lock Co., Terryville, Conn.
 Graham Mfg. Co., Derby, Conn.
 Huber Mfg. Co., 417 E. 93d, N. Y.

Penn Hardware Co., Reading, Pa.
 Penn. Lock Works, 126 N 4th, Phila., Pa.
 Sargent & Greenleaf Co., Rochester, N. Y.
 Taylor & Boggis Foundry Co., Cleveland, O.
 Yale & Towne Mfg. Co., 9 E 40th, New York

882—Blanks (Lens)

Corning Glass Works ("Noviol" Optical, Coquille & Micoquille Clear & Colors), Corning, N. Y.

882a—*Blanks (Pinion)

Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

883—Blanks (Thumb, Nut & Screw)

Billings & Spencer Co., Hartford, Conn.
 Keystone Drop Forge Works, Chester, Pa.
 Peninsular Milled Screw Co., Detroit, Mich.
 Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

884—Blast Furnace Top Filling Apparatus

Weimer Machine Works Co., Lebanon, Pa.

885—Blast Furnace & Steel Works Construction

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Casey-Hedges Co., Chattanooga, Tenn.
 Coatesville Boiler Works, Coatesville, Pa.
 Colorado Iron Works Co., Denver, Colo.
DOVER BOILER WORKS (Steel Plate Construction). Sales office, 50 Church, New York; Works: Dover, N. J.
See adv index at end of book
 Hibben & Co., 9376 Ewing av, Chicago, Ill.
 Kennedy Julian, Bessemer bldg., Pittsburgh, Pa.
 Kennedy Walter (Automatic Top Filter System for Blast Furnaces), Bessemer bldg, Pittsburgh, Pa.
 Kennicott Co., Chicago Heights, Ill.
 Keystone Furnace Construction Co., Farmers Bank bldg, Pittsburgh, Pa.
 Lackawanna Bridge Co., Buffalo, N. Y.
 Lappan Jas. Mfg. Co., Pittsburgh, Pa.
 McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.
 McKee Arthur G. & Co., Rockefeller bldg, Cleveland, O.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Mackintosh, Hemphill & Co., Pittsburgh, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Meehan Boiler & Cons. Co., Lowellville, O.
 Mohr Jno. & Sons, 349 W Illinois, Chicago, Ill.
 Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
 Muskegon Boiler Works, Muskegon, Mich.
 Naismith George, 6312 Butler, Pittsburgh, Pa.
 Neumeyer & Dimond, 82 Beaver, New York
 Pennsylvania Engineering Works (Engineers & Contractors), New Castle, Pa.
 Petroleum Iron Works Co. (Blast Furnace), Sharon, Pa.
 Pollock Wm. B. Co., Youngstown, O.
 Reeves Bros. Co., Alliance, O.
RITER-CONLEY CO. (Plate & Structural Work of Every Description, Design-Fabricate-Erect), Pittsburgh, Pa.
 Roberts & Schaefer Co. (Engineers & Contractors), 332 S Michigan av, Chicago, Ill.
SCAIFE WM. B. & SONS CO. (Engineers & Contractors), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
 Schaefer Mfg. Co., Birmingham, Ala.
 Smythe S. R. Co., House bldg, Pittsburgh, Pa.
 Tippet & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
 Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
 Weimer Machine Works Co., Lebanon, Pa.

886—Blast Furnaces

ALABAMA.

ATTALLA—Eagle Furnace Co. (Charcoal Car-Wheel Pig Iron; Brand, "Rome")
BESSEMER—Tennessee Coal, Iron & R. R. Co. (See Birmingham)
BIRMINGHAM—Gulf States Steel Co. (Foundry, Forge, Basic High-Silicon, High Manganese & Grey Forge Pig Iron; Brands, "Chattanooga," "Schuler," "Rising Fawn," "Trussville")
 Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron; Brands, "Pioneer")
 Sloss, Sheffield Steel & Iron Co. (Foundry & Forge Pig Iron; Brands, "Sheffield," "Lady Ensley," "Florence," "Sloss")
 Tennessee Coal, Iron & Railroad Co. (Foundry, Forge & Basic Pig Iron; Brands, "Alice," "De Bardeleben," "Eureka," "South Pittsburgh," "Ensley")
ENSLEY—Tennessee Coal, Iron & Railroad Co. (See Birmingham, Ala.)
FLORENCE—Sloss, Sheffield Steel & Iron Co. (See Birmingham, Ala.)
HOLT—Central Iron & Coal Co. (Foundry Pig Iron; Brand, "Tuscaloosa"); Office: New York City
IRONATON—Alabama Co. (See Birmingham, Ala.)
OXMOOR—Tennessee Coal, Iron & Railroad Co. (See Birmingham, Ala.)
ROCK RUN—Bass Foundry & Machine Co. Charcoal, Car-Wheel & Strong Castings Pig Iron; Brand, "Rock-Run")
SHEFFIELD—Sheffield Coal & Iron Co. (Foundry & Forge Pig Iron; Brand, "Sheffield")
 Sloss, Sheffield Steel & Iron Co. (See Birmingham, Ala.)
SHELBY—Shelby Iron Co. (Foundry Pig Iron; Brand, "Imperial" & Charcoal Car Wheel Pig Iron; Brand, "Shelby")
WOODWARD—Woodward Iron Co. (Basic Foundry & Forge Pig Iron; Brand, "Woodward")

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bessemer, Basic & Foundry Pig Iron), Furnaces, Pueblo, Colo.

CONNECTICUT.

EAST CANAAN—Barnum, Richardson Co. (See Lime Rock)
LIME ROCK—Barnum, Richardson Co. Charcoal Car-Wheel, Malleable Castings, Ordnance & Machinery Pig Iron; Brand, "Salsbury")

GEORGIA.

CEDARTOWN—Cedartown Iron Co. (Charcoal High Grade Car-Wheel Pig Iron; Brand, "Cherokee")

ILLINOIS.

CHICAGO—AMERICAN STEEL & WIRE CO. (Bessemer & Basic Pig Iron), 208 S La Salle. (See also Cleveland, O., & Pittsburgh, Pa.)
See adv index at end of book
 Embree Iron Co. (Malleable, Foundry, Forge, Low Phosphorous & High-Manganese Pig Iron; Brand, "Embreveville"), Furnaces, Embreeville, Tenn.
 Federal Furnace Co. (Malleable Bessemer & Foundry Pig Iron; Brand, "Federal"), 108th & Calumet River
 Illinois Steel Co. (Bessemer, Forge, Foundry, Basic & Malleable Bessemer Pig Iron; Brands, "Bay View," "Gertrude," "Milwaukee Scotch"), 208 S La Salle

Inland Steel Co. (Basic & Foundry Pig Iron; Brand, "Inland"), 1st Nat. Bank bldg. Furnaces, Indiana Harbor, Ind.
 Iroquois Iron Co. (Foundry, Malleable & High-Silicon Soft Pig Iron; Brand, "Iroquois" for Strong Iron, "Sterling Scotch" for Soft Iron; "Peerless" for High-Silicon Soft Iron; "Malleable" for Malleable Iron), 3267 E 95th
 Wisconsin Steel Co., 606 S Michigan (See International Harvester Co.)
 JOLIET—Illinois Steel Co., 208 S La Salle. (See Chicago, Ill.)

INDIANA.

GARY—Indiana Steel Co. (See Chicago, Ill.)
 INDIANA HARBOR—Inland Steel Co. (See Chicago, Ill.)

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co. (Foundry & Forge Pig Iron; also Ferro-Silicon; Brands: "Boyd" Foundry & "Ashland" for Ferro-Silicon)
 Norton Iron Works (Bessemer & Malleable Bessemer Pig Iron; Brand, "Norton")
 MIDDLESBORO—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

MARYLAND.

SPARROWS POINT—Bethlehem Steel Co. (Bessemer Pig Iron & Spiegeleisen)

MASSACHUSETTS.

CHESHIRE—Berkshire Iron Works (Charcoal Car-Wheel, Engine Cylinders, Chilled Rolls, Crusher Plates, etc; Brand, "Berkshire")
 RICHMOND FURNACE—Richmond Iron Works (Charcoal Car-Wheel & Machinery Pig Iron; Brand, "Richmond")

MICHIGAN.

CADILLAC—Mitchell-Diggins Iron Co. (Charcoal Malleable Car-Wheel & Strong Foundry Pig Iron; Brand, "Cadillac")
 DETROIT—Detroit Iron & Steel Co. (Foundry & Malleable Pig Iron; Brand, "Zug") Zug Island Debray
 Humphreys E. C. Co. (Foundry Basic Bessemer, Malleable & Low Phosphorous Steel Pig Iron), Book bldg.
 EAST JORDAN—East Jordan Furnace Co. (Charcoal Car-Wheel & Malleable Pig Iron)
 GRAND RAPIDS—Antrim Iron Co. (Charcoal Car-Wheel & Malleable Pig Iron; Brand, "Antrim")
 ISHPEMING—Cleveland-Cliffs Iron Co. (See Cleveland, O.)
 Lake Superior Iron & Chemical Co. Charcoal Wheel Foundry & Malleable Pig Iron; Brands, "Hinkle," "Elk Rapids," "Champion," "Michigan & Pine Lake")
 MARQUETTE—Pioneer Iron Co.
 NEGAUNEE—Cleveland-Cliffs Iron Co. (See Cleveland, O.)
 WELLS—Stephenson Charcoal Iron Co.

MINNESOTA.

DULUTH—Zenith Furnace Co. (Bessemer, Malleable & Foundry Pig Iron; Brand, "Zenith")

MISSOURI.

ST. LOUIS—Sligo Furnace Co. (Charcoal, Car-Wheel, Foundry & Malleable Pig Iron Brand, "Sligo"), Syndicate Trust bldg.

NEW JERSEY.

NETCONG—Musconetcong Iron Works
 OXFORD—Empire Steel & Iron Co. (See Catasauqua, Pa.)
 WHARTON—Wharton Steel Co. (See Phila., Pa.)

NEW YORK.

BUFFALO—Buffalo Union Furnace Co. (Bessemer, Malleable & Foundry Pig Iron; Brand, "Buffalo"), ft. Hamburg
 Lackawanna Steel Co. (Bessemer Pig Iron; Brand, "Lackawanna")
 Rogers-Brown Iron Co. (Foundry Pig Iron), Erie County Bank bldg.
 Wickwire Steel Co. (Chilled Cast, Basic, Malleable & Foundry Pig), River rd.
 CHARLOTTE—Genesee Furnace Co. (Bessemer Malleable & Grey Forge Pig Iron & Foundry Pig for Stoves, Plates & General Foundry Use, Brand, "Genesee" Furnaces)
 NEW YORK—Berkshire Iron Works, 120 B'way
 Central Iron & Coal Co. (Foundry Pig Iron; Brand, "Tuscaloosa"), 90 West; Furnaces, Holt, Ala.
 New Jersey Zinc Co. (Spiegeleisen from Zinc Residuum), 55 Wall; Furnaces, etc: South Bethlehem, Pa. & Newark, N. J.
 NORTH TONAWANDA—Tonawanda Iron & Steel Co. (Foundry, Forge & Malleable Pig Iron; Brands, "Niagara," "Tonawanda Scotch")
 PORT HENRY—Northern Iron Co. (Basic, Malleable, Foundry & Bessemer Pig Iron; Brand, "Essex")
 STANDISH—Northern Iron Co.
 TROY—Burden Iron Co. (Forge Pig Iron for Own Use Only; Brand, "Burden")

OHIO.

BELLAIRE—Carnegie Steel Co. (See Pittsburgh)
 CANTON—United Furnace Co.
 CLEVELAND—American Steel & Wire Co. (Bessemer & Basic Pig Iron), 8101 Broadway
See adv index at end of book
 Cleveland-Cliffs Iron Co. (Charcoal Car-Wheel, Foundry, Malleable & Low Phosphorous Pig Iron; Brand, "Pioneer" & "Marquette"), Rockefeller bldg. Furnaces: Marquette & Gladstone, Mich.
 Cleveland Furnace Co. (Bessemer, Malleable Bessemer, Foundry & Basic Pig Iron; Brand, "Cleveland"), Clark av S W & Cuyahoga River
 Corrigan, McKinney & Co.
 Josephine Furnace & Coke Co. (Bessemer, Foundry & Basic Pig Iron; Brand, "Josephine"). Furnaces: Josephine, Pa.
 Pioneer Iron Co.
 River Furnace Co., 4002 Dille av.
 Scottdale Furnace Co. (Bessemer, Malleable Forge & Foundry Pig Iron; Brand, "Scottdale"). Furnaces: Scottdale, Pa.
 Struthers Furnace Co. (Basic, Forge & Malleable Pig Iron; Brand, "Struthers"), Citizens bldg. Furnaces: Struthers, O.
 Toledo Furnace Co. (Bessemer, Basic, Malleable, & Foundry Pig Iron; Brand, "Toledo"). Furnaces: Toledo, O.
 United Iron & Steel Co. (M. Hanna & Co.) (Bessemer & Foundry; Brands, "Fannie," "Fort Pitt"; Special Car-Wheel & Grey Forge Pig Iron; Brand, "Cherry Valley"). Furnaces: Leontonia, O. & W. Middlesex, Pa.
 COLUMBUS—Carnegie Steel Co. (See Pittsburgh, Pa.)
 Columbus Iron & Steel Co. (Bessemer, Basic, Malleable & Foundry Pig Iron; Brand, "Buckeye")
 DOVER—Penn Iron & Coal Co. (Strong Foundry, Bessemer & Basic Open Hearth Pig Iron; Brands, "Tuscorawas," "Black Band," "Dover")
 GIRARD—Girard Iron Co. (Bessemer, Malleable Bessemer, Foundry & Forge Pig Iron; Brand, "Girard")
 HANGING ROCK—Hanging Rock Iron Co. (Foundry & Malleable Pig Iron; Brand, "Hamilton")
 HUBBARD—Andrews & Hitchcock Iron Co. (See Youngstown)
 IRONTON—Belfont Iron Works Co. (Bessemer, Foundry & Forge Pig Iron; Brand, "Belfont")

Kelly Nail & Iron Co. (Bessemer Pig Iron; Brand, "Sarah")
 Marting Iron & Steel Co. (Bessemer, Foundry & Malleable Pig Iron; Brands, "Nellie," "Bird" & "Lawrence")
 Union Furnace Co.
 JACKSON—Globe Iron Co. (Foundry Pig Iron; Brand, "Globe"; also Ferro-Silicon)
 Jackson Iron & Steel Co. (High-Silicon Pig Iron; Brand, "Jisco")
 Star Furnace Co. (Soft Foundry Pig Iron; Brand, "Star," also Ferro-Silicon)
 Wellston Iron Furnace Co.
 LEETONIA—Salem Iron Co.
 United Iron & Steel Co. (See Cleveland, O.)
 LOWELLVILLE—Ohio Iron & Steel Co. (Bessemer, Forge & Foundry Pig Iron; Brands, "The Mary," "The Mary Ohio Scotch")
 MINGO JUNCTION—Carnegie Steel Co. (See Pittsburgh, Pa.)
 NEW STRAITSVILLE—Bessie Furnace Co. (See Pittsburgh, Pa.)
 NILES—Carnegie Steel Co. (See Pittsburgh, Pa.)
 OAK HILL—Jefferson Iron Co.
 OLIVE FURNACE—McGugin R. H. (Charcoal Foundry Car-Wheel & Machinery Pig Iron; Brand, "Oline")
 STEUBENVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)
 La Belle Iron Works (Basic & Foundry Pig Iron)
 STRUTHERS—Struthers Furnace Co. (See Cleveland, O.)
 SUPERIOR—Superior Portland Cement Co. (Charcoal Pig Iron for Cylinders, Pulleys, & all Kinds of Machinery; Brand, "Center")
 TOLEDO—Toledo Furnace Co. (See Cleveland, Ohio)
 WELLSTON—Wellston Iron Furnace Co. (Bessemer, Car-Wheel, Strong Foundry & Malleable Pig Iron)
 Yorkville-Wheeling Steel & Iron Co. (See Wheeling, N. Va.)
 YOUNGSTOWN—Andrews & Hitchcock Iron Co. (Bessemer, Gray Forge, Malleable, Bessemer & Foundry Pig Iron; Brands, "Hubbard," "Hubbard Scotch" Soft Foundry & "Climax," Strong Foundry. Furnaces: Hubbard, O.)
 Brier Hill Steel Co. (Bessemer & Basic, Strong Foundry & Malleable Pig Iron; Brand, "Brier Hill")
 Carnegie Steel Co. (See Pittsburgh, Pa.)
 Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron)
 Youngstown Sheet & Tube Co. (Bessemer, Foundry, Malleable & Mill Pig Iron)
 ZANESVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)

OREGON.

OSWEGO—Oregon Iron & Steel Co. (See Portland)
 PORTLAND—Oregon Iron & Steel Co., Concord bldg. Furnaces: Oswego

PENNSYLVANIA.

ALBURTIS—Thomas Iron Co. (See Hoken-dauqua, Pa.)
 BIRDSBORO—Brooke E. & G. Iron Co. (Basic Open Hearth Forged Pig Iron; Brand, "Brooke")
 BRADDOCK—Carnegie Steel Co. (See Pittsburgh, Pa.)
 CATASAUQUA—Crane Iron Works.
 Empire Steel & Iron Co. (Foundry, Forge, Basic Bessemer & Low-Phosphorous Pig Iron; Brands, "Crane," "Crane L P," "Crane Basic," "Henry Clay," "Macungie," "Oxford," "Topton")
 CHESTER—Delaware River Steel Co. Forge, Foundry, Basic & Malleable; Brand, "Delaware")
 CLAIRTON—Carnegie Steel Co. See Pittsburgh, Pa.)
 COATESVILLE—Worth Bros. Co. (Basic & Foundry Pig)
 CURTIN—Eagle Iron Co.
 DONORA—Carnegie Steel Co. (See Pittsburgh, Pa.)
 DUBOIS—Adrian Furnace Co. (Foundry Pig Iron; Brand, "Adrian")

DUQUESNE—Carnegie Steel Co. (See Pittsburgh, Pa.)

EARLSTON—(P. O. Everett, Pa.) Thropp Jos. E. (Forge, Basic & Soft & Strong Foundry & Mill Pig Iron; Brands, "Everett," "Saxton")

EMPORIUM—Emporium Iron Co.

ERIE—Perry Iron Co. (Foundry, Malleable & Bessemer Pig Iron; Brand, "Perry")

HARRISBURG—Central Iron & Steel Co. (Bessemer, Malleable Bessemer, Foundry, Mill & Basic Open Hearth Pig Iron; Brands, "Paxton," "Silver Spring")

HELLERTOWN—Thomas Iron Co. (See Hokendauqua, Pa.)

HOKENDAUQUA—Thomas Iron Co. (Foundry, Forge, Basic Open Hearth & Malleable Pig Iron; Brand "Thomas-Vanadium")

JOHNSTOWN—Cambria Steel Co. (Bessemer & Basic Pig Iron), Main Office: Phila., Pa.

JOSEPHINE—Josephine Furnace & Coke Co. (See Cleveland, O.)

KITTANNING—Kittanning Iron & Steel Mfg. Co. (Grey Forge & Foundry Pig Iron; Brand, "Rebecca")

LEBANON—Lackawanna Iron & Steel Co. (See Buffalo, N. Y.)

McKEESPORT—National Tube Co. (See Pittsburgh, Pa.)

MACUNGIE—Empire Steel & Iron Co. (See Catasauqua, Pa.)

MAUCH CHUNK—Carbon Iron & Steel Co. Ltd. ("Carbon" Foundry Iron, "Parry" Bessemer Iron & "Viking" Low Phosphorus Pig Iron), Furnaces, Parryville, Pa.

MILESBURG—McCoy-Linn Iron Co. (Charcoal Forge & Foundry Pig Iron; Brand, "Hecla")

NEW CASTLE—Carnegie Steel Co. (See Pittsburgh, Pa.)

Republic Iron & Steel Co. (See Pittsburgh, Pa.)

PALMERTON—New Jersey Zinc Co. (of Pa.)

PARRYVILLE—Carbon Iron & Steel Co., Ltd. (See Mauch Chunk, Pa.)

PHILADELPHIA—Cambria Steel Co., (Bessemer & Basic Pig Iron), Widener bldg

Pulaski Iron Co. (High-Grade Foundry Pig Iron; Brand, "Pulaski"), Real Estate Trust bldg. Furnaces: Pulaski City, Va.

Wharton Steel Co. (Basic, Neutral Foundry Malleable & Forge Pig Iron; Brand, "Wharton"), Morr's bldg; Furnaces, Wharton, N. J.

Wood Allan Iron & Steel Co. (Neutral Mill, Foundry, Malleable Bessemer & Basic Open Hearth Pig Iron; Brand, "Swede"), Widener bldg; Furnaces, Swedeland, Pa.

PITTSBURGH—American Steel & Wire Co. (Bessemer & Basic Pig Iron), Frick bldg.

See *adv index at end of book*

Bessie Furnace Co., Oliver bldg.

Carnegie Steel Co. (Bessemer, Basic, Forge Foundry, Mill & Low-Phosphorus Pig Iron), Carnegie bldg

Carter Iron Co. (Bessemer & Foundry Pig Iron), 307 5th av. Furnaces: Ivanhoe Furnace Co., Ivanhoe, Va.

Clinton Iron & Steel Co. (Bessemer, Forge & Special Car-Wheel Pig Iron, and an exceedingly Soft & Fluid Foundry Iron for Light & Fine Machinery Castings; Brands, "Hector," "Clinton"), W Carson

Ella Furnace Co. (Bessemer Basic Foundry & Malleable Pig Iron; Brands, "Ella Foundry" & "Ella Malleable"), Frick bldg

Jones & Laughlin Steel Co. (Bessemer & Basic Open Hearth Pig Iron; all Consumed by the Company), Ross

McAleenan Bros. Co., 25th & Railroad

Midland Steel Co. (Bessemer, Basic & Foundry Pig Iron), 313 6th av; Furnaces, Midland, Pa.

Miller W. R. Co. (& Steel Works Construction) House bldg.

Republic Iron & Steel Co. (Bessemer, Mill & Foundry Pig Iron; Brand, "Pioneer"), Oliver bldg.

Shenango Furnace Co. (Bessemer, Basic & Malleable Pig Iron; Brand, "Shenango"), Oliver bldg; Furnaces, Sharpsville, Pa.

Snyder W. P. & Co. (All Grades of Merchant Pig Iron), Oliver bldg

POTTSTOWN—Glasgow Iron Co.

POTTSVILLE—Eastern Steel Co. (Foundry, Neutral Mills, Bessemer, Malleable, Low Phosphorus & Basic Pig Iron; Brand, "Warwick"), Furnaces: Pottstown, Pa.

RANKIN—Carnegie Steel Co. (See Pittsburgh, Pa.)

READING—Reading Iron Co. (Foundry & Forge Pig Iron)

RIDDLESBURG—Colonial Iron Co. (Foundry & Forge Pig Iron, Specialty a Strong Soft Fluid Foundry Pig Iron; Brands, "Norway," "Colonial")

ROBESONIA—Robesonia Iron Co. Ltd. (Low-Phosphorus Pig Iron; Brand, "Robesonia")

SAXTON—Thropp Jos. E. (See Earlston, Pa.)

SCOTTDALE—Scottdale Furnace Co. (See Cleveland, O.)

SHARON—Carnegie Steel Co. (See Pittsburgh, Pa.)

Republic Iron & Steel Co. (See Youngstown, Ohio.)

Stewart Iron Co. Ltd. (Standard Bessemer, Low-Phosphorus, Foundry, Basic & Forge Pig Iron; Brand, "Stewart")

SHARPSVILLE—Claire Furnace Co. (Bessemer, Malleable & Foundry Pig Iron)

Sharpsville Furnace Co. (Bessemer & Malleable Bessemer Pig Iron; Brand, "Sharpsville")

Shenango Furnace Co. (See Pittsburgh, Pa.)

Youngstown Sheet & Tube Co. (See Youngstown, O.)

SHERIDAN—Berkshire Iron Works (Foundry Pig Iron; Brand, "Sheridan"). (See New York City)

SOUTH BETHLEHEM—Bethlehem Steel Co. (Bessemer, Basic, Low-Phosphorus, All Consumed by the Company)

STEELTON—Pennsylvania Steel Co. (See Phila., Pa.)

SWEDLAND—Wood, Alan Iron & Steel Co. (See Phila., Pa.)

TEMPLE—Seaboard Steel & Manganese Corp.

Temple Iron Co. (See Scranton)

TOPTON—Empire Steel & Iron Co. (See Catasauqua, Pa.)

WEST MIDDLESEX—Pickands, Mather & Co. (See Cleveland, O.)

United Iron & Steel Co. (See Cleveland, O.)

WOODLAWN—Jones & Laughlin Steel Co.

TENNESSEE.

ALLEN'S CREEK—Bon Air Coal & Iron Co.

BEAR SPRINGS—Dover Iron Co. (Charcoal, Low-Phosphorus Pig Iron, for Chilled Rolls, etc; Brand, "Dover")

BRISTOL—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

CHATTANOOGA—Citico Furnace Co. (Forge & Foundry Pig Iron; Brand, "Citico")

Roane Iron Co. (Foundry & Forge Pig Iron; Brand, "Rockwood"), Furnaces: Rockwood, Tenn.

CLARKSVILLE—Red River Iron Works. (Foundry, High-Silicon & Tennessee-Scotch Pig Iron; Brands, "Helen," "Red River")

CUMBERLAND FURNACE—Warner Iron Co.

EMBREEVILLE—Embree Iron Co. (See New York City)

GOODRICH—Standard Iron Co.

JOHNSON CITY—Cranberry Furnace Co. (Low-Phosphorus Pig Iron; Brand, "Cranberry")

LA FOLLETTE—La Follette Coal & Iron Co. (Foundry & Forge Pig Iron; Brand, "La Follette Foundry")

NAPIER—Napier Iron Works. (See Nashville, Tenn.)

NASHVILLE—Bon Air Coal & Iron Co. Napier Iron Works (Foundry Pig Iron; Brand, "Napier"), Furnaces, Napier, Tenn.

Standard Iron Co. (Foundry & Soft Pig Iron; Brand, "Standard"), Furnaces: Goodrich, Tenn.

ROCKWOOD—Roane Iron Co. (See Chattanooga)

SOUTH PITTSBURGH—Tennessee Coal, Iron & R. R. Co. (See Birmingham, Ala.)

VIRGINIA.

COVINGTON—Lowmoor Iron Co. (of Va.) (See Low Moor)

GLEN WILTON—Princess Furnace Co. (Soft, Strong & Very Fluid Foundry Pig Iron; Brand, "Princess")

GRAHAM—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

IVANHOE—Ivanhoe Furnace Co. (Bessemer, Foundry & Basic Pig Iron; Brand, "Ivanhoe")

LIBERTY FURNACE—Shenandoah Iron & Coal Co. (Charcoal Car-Wheel Pig Iron; Brand, "Liberty, 1812")

LONGDALE—Longdale Iron Co. (Basic Pig Iron Cast in Chills; Brand, "Longdale")

LOW MOOR—Low Moor Iron Co. (Foundry Pig Iron; Brands, "Low Moor," "Covington"), Furnaces: Covington, Va.

MAX MEADOWS—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

PULASKI—Pulaski Iron Co. (See Phila., Pa.)

Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

RADFORD—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

REED ISLAND—Virginia Iron, Coal & Coke Co. (See Roanoke, Va.)

ROANOKE—Virginia Iron, Coal & Coke Co. (Foundry, Forge, Basic & Cold Blast Charcoal, Pig Iron for Chilled Rolls, etc; Brands, "Bristol," "Crozer," "Dora," "Graham," "Max Meadows," "Radford," "Reed Island," "Watts")

WEST VIRGINIA.

BENWOOD—National Tube Co. (See Pittsburgh, Pa.)

PADEN CITY—Carter Iron Co. (See Pittsburgh, Pa.)

WHEELING—Wheeling Steel & Iron Co. (Bessemer Pig Iron; Brand, "Belmont," "Martin's Ferry," "Top Mill")

WISCONSIN.

MAYVILLE—Northwestern Iron Co. (See Milwaukee, Wis.)

MILWAUKEE—Illinois Steel Co., Bay View. (See Chicago, Ill.)

Northwestern Iron Co. (Malleable Bessemer & Foundry Pig Iron; Brands, "Sidney," "Mayville," "Gertrude"), 1st National Bank bldg

Thomas Furnace Co. (Foundry, Malleable Bessemer & Standard Bessemer; Brand, "Thomas"), 740 Kinickinnic av

887—*Blasting Apparatus

du Pont E. I. de Nemours & Co. (See also Blasting Supplies), Wilmington, Del.

For branch offices see *adv index at end of book*

888—Blasting Fuse, Caps, Etc.

See also Batteries, Blasting

AETNA EXPLOSIVES CO., INC., 120 B'way, New York

Blight Sons & Co., Eagle River, Mich.

Brewster F. K., Port Ewen, N. Y.

Burton Powder Co. (Safety Waterproof), Empire bldg, Pittsburgh, Pa.

Ensign Bickford Co. (Safety Fuse), Simsbury, Conn.

HERCULES POWDER CO., Wilmington, Del. See *adv index at end of book*

889—*Blasting Powder

See also Dynamite, Blasting Supplies & Gunpowder

AETNA EXPLOSIVES CO., INC., 120 B'way, New York

du PONT E. I., de NEMOURS & CO. (world's Largest Mfr. of Explosives Powder & Blasting Supplies for every requirement; "du Pont," "A" & "B" Blasting Powder), Wilmington, Del.
For branch offices see adv index at end of book

890-1— *Blasting Supplies

See also Dynamite, Blasting Powder & Gunpowder.

AETNA EXPLOSIVES CO., INC., 120 B'way, New York

ATLAS POWDER CO., 10th & Market, Wilmington, Del.

du PONT E. I., de NEMOURS & CO. (World's Largest Mfr. of Explosives, Powder & Blasting Supplies for every requirement; "Du Pont" Blasting Caps (Detonators), Cap, Crimpers, Electric Blasting Caps (Electric Detonators or Fuzes) Waterproof Electric Blasting Caps, Delay Electric Blasting Caps, Blasting Machines (Electric Blasting Batteries); Wire (Connecting & Leading), Rheostats (Blasting Machine Tester), Galvanometers (Blasting Circuit Testers), Delay Electric Igniters, Electric Squibs, Thawing Kettles, Tamping Bags, "Powell," "Blue Label" & "D & B" Gas & Sulphur Miner's Squibs, Storage Magazines (Portable & Sidewalk), Blasting Mats, Cordeau, Fuse Safety Brands: "Single," "Tape," "Double Tape," "Triple Tape" (Sold throughout entire United States), "Hemp" (White & Black), "Cotton," "Planet," "Beaver," "Charter Oak," "Crescent," "Clover," "Anchor," "Reliable," "Stage." (Sold only in states east of Montana, Wyoming, Colorado & New Mexico). "Sylvanite," "Monarch" (White or Black), "Bear," "Acme," "Shield" (Sold in states east of Wyoming, Colorado & New Mexico), "Eclipse," "Eclipse Special Taped," "Pacific," "American Eagle," "Bear," "Victor," "Comet Special" & "Blue Label" (Sold in states west of North Dakota, Wyoming, Colorado & New Mexico). Wilmington, Del.
For branch offices see adv index at end of book

HERCULES POWDER CO., Wilmington, Del. See adv index at end of book

892— Bleaching Clays

See Fullers Earth

893— Blenders (Grain)

Wolf Co., Chambersburg, Pa.

894— Blind Tenons

Gleason E. P. Mfg. Co. ("Holtz"), 37 Murray, New York
Reading Hardware Co., Reading, Pa.
Sargent & Co., 94 Center, New York

895— Blinds (Inside Folding)

Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
Hyde-Murphy Co., Ridgway, Pa.
Morgan Co. (For the Trade Only), Oshkosh, Wis.
Paine Lumber Co., Ltd. (For the Trade Only), Oshkosh, Wis.
Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Union Blind & Ladder Co. ("Hills"), Oakland, Cal.

896— Blinds (Inside Sliding)

Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Burlington Venetian Blind Co., Burlington, Vt.
Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
Kane Blind & Screen Co., Kane, Pa.
Monroe W. H. Co., Lima, O.
Phoenix Sliding Blind Co., Phoenix, N. Y.

897— Blinds (Venetian)

Bostwick-Goodell Co. ("Victoria"), Norwalk, O.
Burlington Venetian Blind Co., Burlington, Vt.

Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.

Dodge H. B. & Co. (Mfrs. Agents), 332 S Michigan av, Chicago, Ill.

Foster-Munger Co. ("The Pease," Wholesale Only), 1404 W 37th, Chicago, Ill.

New Jersey Blind & Screen Co., Paterson, N. J.

Swedish Venetian Blind Co. ("Ericson's"), 47 W 34th, New York

Wilson J. G. Corp., The Chief Office, 8 W 40th, New York. Mills & Factory: Norfolk, Va.

897a—*Block (Hack Saw Gauge, "Armstrong")

ARMSTRONG MFG. CO., 278 Knowlton, Bridgeport, Conn.

See adv index at end of book

898— Blocking (Adjustable)

Le Count Wm. G., South Norwalk, Conn.

899—Blocks (Alphabet, Toy, Etc.)

Bradley Milton Co., Springfield, Mass.

Embossing Co., Albany, N. Y.

Estes E. B. & Sons, 358 5th av, New York

See adv index at end of book

McLoughlin Bros., 890 B'way, New York

900— Blocks (Anvil)

HOOVEN, OWENS, RENTSCHLER CO. (Steel Reinforced, Semi-Steel), Hamiltion, O. See adv index at end of book

901— Blocks (Asbestos)

Johns H. W.-Manville Co., Madison av & 41st, New York

902—Blocks (Broom or Brush)

Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.

Holgate Bros. Co. (Whitewash Blocks) etc), Kane, Pa.

Mahle C. A. & Son, Ltd. (Bored & Shaped for Horse, Scrub, Stove, Shoe Brushes, etc, & for Street & Stable Push Brooms; also for Steel Wire Brushes, Brooms, etc), Corry, Pa.

Piqua Handle Co. (Floor Brush, Window Brush & Special), Piqua, O.

902a— *Blocks (Bur, Dental)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

903— Blocks (Butchers')

See also Butchers' Machinery & Supplies

Bartlett O. L., Mound City, Ill.

Boos John & Co., Effingham, Ill.

Brecht Co., 1201 Cass av, St. Louis, Mo.

Dumrauf & Wicke, 406 E 102d, New York

Fayetteville Mfg. Co., Fayetteville, N. Y.

Hill C. V. & Co., Trenton, N. J.

Michigan Maple Block Co. (Brush Blocks only, all kinds, Burned & Shaped), Petoskey, Mich.

Parkersburg Mill Co., Parkersburg, W. Va.

Peak Henry (For Street Sweeping Brooms, etc), Peabrook, N. Y.

Wolf, Sayer & Heller ("Best in the World"), Fulton & Peoria, Chicago, Ill.

904— Blocks (Cutting)

Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.

Curtin Hebert Co. (For Leather, Canvas & Silk Gloves), Gloversville, N. Y.

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. See adv index at end of book

Reading Wood Pulley Co., Reading, Pa.

Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.

See adv index at end of book

Stiles H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass. See adv index at end of book

905— Blocks (Die)

Colonial Steel Co. ("Forged Crucible & Open Hearth"), 324 4th av, Pittsburgh, Pa.

Crucible Steel Co. of America, O'iver bldg, Pittsburgh, Pa.

Erie Forge Co., Erie Pa.

Heppenstall Forge & Knife Co. (Forged), Pittsburgh, Pa.

Johnston & Jennings Co., Addison rd & M. R. C. R. R., Cleveland, O.

See adv index at end of book

Michigan Maple Block Co., Petoskey, Mich.

Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.

Philadelphia Roll & Machine Co., 33d & Washington av, Philadelphia, Pa.

Reading Wood Pulley Co. (Wood), Reading, Pa.

Stiles H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass.

See adv index at end of book

906—*Blocks (Differential Chain)

See also Hoists, Chain

Chisholm-Moore Mfg. Co. (Direct Differential), 49th to 53d & Lake, Cleveland, O.

Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.

907— Blocks (Drill)

Athol Machine Co., Athol, Mass.

STARRETT L. S. CO., Athol, Mass.

See adv index at end of book

908—*Blocks (Electric Fixture)

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. See adv index at end of book

908a— *Blocks (Electrotype)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

909— Blocks (Fuse)

See also Cut-Outs, Incandescent

Bryant Electric Co., Bridgeport, Conn.

Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.

Connecticut Electric Mfg. Co., Bridgeport, Conn.

Heinemann Geo. (For N. E. C. Fuses), 500 West Girard av, Phila., Pa.

Mutual Electric & Machine Co., 232 Fort W, Detroit, Mich.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

Worcester Electric & Mfg. Co., Worcester, Mass.

910— Blocks (Hat)

Cuming M. A. & Co., 43 Bleecker, New York

Hubbell & Benninger, 324 Lafayette, New York

911—Blocks (Hollow Building)

Ada Clay Co., Ada, O.

Akron Vitrified Clay Mfg. Co., Akron, O.

American Brick & Tile Co., Mason City, Ia.

American Clay Co., Terre Haute, Ind.

American Clay Products Co., 175 5th av, New York

American Sewer Pipe Co., Akron, O.

Athens Brick & Tile Co., Athens, Texas

Big Four Clay Co. (Blue Granite, Rock Face), Malvern, O.

Biglow E. Co., New London, O.

Boone Brick Tile & Paving Co., Boone, Ia.

Bradford Fireproofing Co., Bradford, Pa.

Brazil Hollow Brick & Tile Co., Brazil, Ind.

Campfield-Raggle Block Co. (For Silos, Raggle), Richmond, Ind.

Canton Tile Hollow Brick Co. (Plain & Rock-Faced), New Bethlehem, Pa.

Clay Product Co., 175 W Jackson blvd, Chicago, Ill.

Claymont Brick Wks., New Cumberland, W. Va.

Dennison Fire Proofing Co., Mason City, Iowa

Denver Fireproofing Co. (Calcined), Denver, Colo.

Des Moines Clay Co., Des Moines, Ia.

Diefenbacher Philip & Son, Massillon, O.

Far West Clay Co., Tacoma, Wash.

Greer-Beatty Clay Co., Magnolia, O.

Louisville Brick & Tile Co., Louisville, O.

Markley Geo. J., Mineral City, O.

Mason City Brick & Tile Co., Mason City, Ia.

Mason City Clay Works, Mason City, Ia.

Mason City Sewer Pipe Co., Mason City, Ia.
 Maurer Henry & Son, 420 E 23d, New York
 Menefee Art Stone Co. (Cement), Fort Wayne, Ind.
 National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
 North Birmingham Fire Brick & Proofing Co., Birmingham, Ala.
 Ohio Clay Co., Hippodrome bldg, Cleveland, O.
 Penna. Fireproofing Co., Erie, Pa.
 Portage Silica Co., Youngstown, O.
 Sioux City Brick & Tile Co., Sioux City, Iowa
 Troy Fireproofing Co., Troy, N. Y.
 Trussed Concrete Steel Co. (Kahn System), Trussed Concrete bldg, Youngstown, O.
 Union Sewer Pipe Co., McKeesport, Pa.
 United States Sewer Pipe Co., Frick bldg, Pittsburgh, Pa.
 Vigo Am. Clay Co., Terre Haute, Ind.
 Whitacre Fire Proofing Co., Waynesburg, Ohio

912— Blocks (Hollow Tile)

Bradford Fireproofing Co., Bradford, Pa.
 Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
 Maurer Henry & Son, 420 E 23d, New York

913— *Blocks (Hook)

MORGAN ENGINEERING CO. (160 Tons, etc), Alliance, O.
See adv index at end of book

914—Blocks (Keyseating Rule)

Goodell-Pratt Co., Greenfield, Mass.

914a— *Blocks (Kindergarten)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

915— Blocks (Last)

Bingham Last Block Co., Bingham, Me.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

916—Blocks (Lineman's Pulley)

Burr Mfg. Co. (Steel), Whitney Power blk, Cleveland O.
 Dicke Tool Co., Downers Grove, Ill.
 Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
 Western Block Co., Lockport, N. Y.

916a— *Blocks (Mangle Roller)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

916b— *Blocks (Pillow)

See Also Power Transmitting Machinery
BOND FOUNDRY & MACHINE CO., Mannheim, Pa.

917—Blocks (Print, For Oil Cloth)

Fuller's Geo. Sons, Hallowell, Me.

918— Blocks (Raggle)

Campfield Raggle Block Co., Richmond, Ind.

919— Blocks (Rail)

Arthur W. H. ("Arthur" Hump), Stamford, Conn.
 Mack Mfg. Co. ("Arthur" Hump), Lincoln bldg, Phila., Pa.

920—*Blocks (Sheave, for Derricks)

Byers, Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

921— Blocks (Stereotype)

Schley Fred'k & Co., 59 Beekman, New York

922—*Blocks (Stiff Leg Head)

Byers, Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

923— Blocks (Switch)

Armstrong Fred A., 348 Court, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

924— Blocks (Tackle)

Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Burr Mfg. Co. (Self Locking), Whitney Power blk, Cleveland, O.
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Channon Jas. H. Mfg. Co. ("Bullock" Steel or Wood), 227 W Erie, Chicago, Ill.
 Cleveland Block Co. (Malleable Iron), 1173 W 11th, Cleveland, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Coleman Walter & Sons, 168 Fountain, Providence, R. I.
 Columbia Steel Co. ("Skookum" Triple Line Cast Steel), Portland, Ore.
 Dobbie Foundry & Machine Co. Main Office & Works, Niagara Falls, N. Y.
 Donohue John T., 704 S Potomac, Baltimore, Md.
 Edwards H. D. & Co. 16 Woodward av, Detroit, Mich.
 Eureka Tackle Block Mfg. Co., 442 E Front, Cincinnati, O.
 Fulton Iron Works ("Sure-Grip"), Detroit, Mich.
 Hartz H. V. Co. (Steel), Cleveland, O.
 Irving Mfg. & Tool Co., 157 Chambers, New York
 Lane Bros. Co. (Automatic Lock), Poughkeepsie, N. Y.
 Laughlin Thos. Co., Portland, Me.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
 Lufkin C. F., Gloucester, Mass.
 McMillan's W. H. Sons, 153 South, New York
 Merriman Bros., 185 Amory, Boston, Mass.
 National Equipment Co. (Heavy), 125 S Racine av, Chicago, Ill.
See adv index at end of book
 Neptune Hardware Mfg. Co., 54 South, New York
 Patterson W. W. Co., 54 Water, Pittsburgh, Pa.
 Pittsburgh Block & Mfg. Co. ("Ferguson," "Little Giant," "Big Giant," "Patterson," Wood or Steel Shell), 818 South av, Pittsburgh, Pa.
 Sohl Fred E., Seattle, Wash.
 Stowell Co. The, South Milwaukee, Wis.
 Swett A. L. Iron Works, Medina, N. Y.
 Tarr Geo. C., Gloucester, Mass.
 Terry & Tench Co., 70 E 45th, New York
 Union Hardware Co., Torrington, Conn.
 Union Mfg. & Lbr. Co., Northville, Mich.
 Upson-Walton Co. of N. Y. The, 291 B'way, New York *See adv index at end of book*
 Western Block Co. ("Anvil," Wood, Wrought Iron & Steel), Lockport, N. Y.

Blocks (Tank)

See Glass House Clay Supplies

924a— *Blocks (Tenpin)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

925— Blocks (Terminal)

Eureka Supply Co., Sewell, N. J.

926— *Blocks (Wire Rope)

See also Blocks, Tackle
 Byers, Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebing, N. J.
See adv index at end of book
 Upson-Walton Co. of N. Y. The, 291 B'way, New York *See adv index at end of book*

927— *Blocks (Wood)

ESTES E. B. & SONS (All Kinds, for All Purposes, Plain or Enameled, 358 5th av, New York
See adv index at end of book
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

928— Blocks (Wrecking)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Channon Jas. H. Mfg. Co. (Heavy), 227 W Erie, Chicago, Ill.
 Laughlin Thos. Co. (With Lashing Shackles), Portland, Me.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
 Western Block Co., Lockport, N. Y.

929— Blocks (Yacht)

Coleman Walter & Sons, 168 Fountain, Providence, R. I.
 Laughlin Thos. Co., Portland, Me.
 McMillan's W. H. Sons, 153 South, New York
 Western Block Co., Lockport, N. Y.
 Wilcox, Crittenden & Co. (Brass), Middletown, Conn.

930— Blood (Dragons')

Hillier's R. Son Co. (Imp.), 100 William, New York

931-2—Blooms (Charcoal Iron)

Reeves Mfg. Co., Dover, O.

933—Blow-Guns (Machine Shop & Foundry)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 Powell Wm. Co. ("Powell," for Cleaning Lathes, Work Benches, Taps, Dies, etc), Cincinnati, O.
 Star Brass Works ("Binks Clean-All"), 319 N Albany av, Chicago, Ill.

934—Blow Pipes & Brazing Apparatus

American Gas Furnace Co. (Gas), 24 John, New York
 Baylis Company, Bloomfield, N. J.
 Bernz Otto, 21 Ashland av, Newark, N. J.
 Best Light Co., Canton, O.
 Boekel Wm. & Co., 518 Vine, Phila., Pa.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Buffalo Dental Mfg. Co., Buffalo, N. Y.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
 Economy Welding Machine Co., Kansas City, Mo.
 Hauck Mfg. Co., 140 Cedar, New York
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Marshall Foundry Co., Pittsburgh, Pa.
 Metal Specialties Mfg. Co. (Dental), 338 N Kedzie av, Chicago, Ill.
National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
 National Cement & Rubber Co., Toledo, O.
 Newark Brass Works, 22 Lawrence, Newark, N. J.
 Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
 Turner Brass Works (Gasolene & Kerosene), Sycamore, Ill.

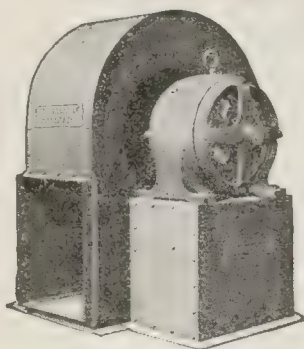
Blow Piping

See Exhausts & Blow Piping

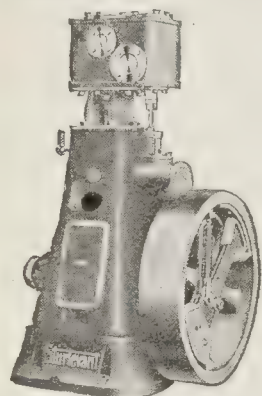
935— Blower Mfrs.

See also Sub-classifications

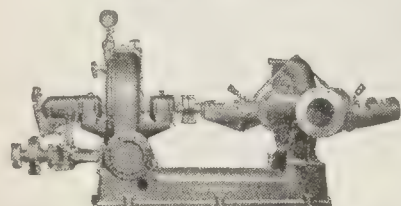
Allington & Curtis Mfg. Co., Saginaw, Mich.
 American Blower Co. ("Sirocco" Multi-Blade), 1400 Russell, Detroit, Mich.
 American Clay Machinery Co., S Walnut, Bucyrus, O.
 American Gas Furnace Co. (Positive Pressure), 24 John, New York
 Banister A. W. Co., 421 Dorchester av, S. Boston, Mass.
 Barnett John, Rochester, N. Y.
 Bayley Mfg. Co., 732 Greenbush, Milwaukee, Wis.
 Bicalky Fan Co., Buffalo, N. Y.
 Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.



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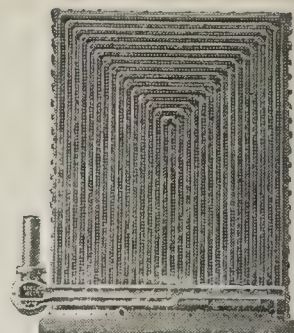
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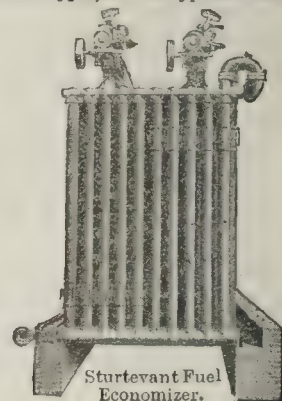
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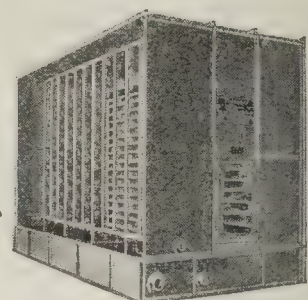
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Canedy-Otto Mfg. Co. ("Western Chief" Power), Chicago Heights, Ill.
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Chase Turbine Mfg. Co. (Fan), Orange, Mass.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Connersville Blower Co. (Rotary), Connersville, Ind.
Crowell Mfg. Co. ("Crowell" Positive Pressure), 296 Taaffe pl, Brooklyn, N. Y.
DE LAVAL STEAM TURBINE CO. (Turbine Driven), East Trenton, N. J.
See adv index at end of book
Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
Fuller Co., Detroit, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Green Fuel Economizer Co., Matteawan, N. Y.
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Howard & Morse ("Blackman" & "Duplex" Cone), 46 Fulton, New York
Ilg Electric Ventilating Co., 154 Whiting, Chicago, Ill.
Indiana Fan Co. ("Indiana"), Indianapolis, Ind.
Ingersoll-Rand Co. ("I-R" Turbo-Electric Motor & Steam Turbine Driven), 11 B'way, New York
See adv index at end of book
Kirk & Blum, York & Western aves, Cincinnati, O.
Leiman Bros., 62 John, New York
McEwen Bros., Wellsville, N. Y.

Meadons Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
Monarch Engineering & Mfg. Co. (Low Pressure), American bldg, Baltimore, Md.
National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
Nelson Blower & Furnace Co. ("Nelson" All Kinds), L & Elkins, Boston, Mass.
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
New York Blower Co., Archer av & Canal, Chicago, Ill.; Factory: Bucyrus, Ohio
Ohio Blower Co., 5125 Perkins, Cleveland, Ohio
Pacific Blower & Heating Co., 224 5th, San Francisco, Cal.
Potts D. H. Co. (Fan), Lancaster, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Roots P. H. & F. M. Co. (Rotary), Connersville, Ind.
Roth Bros. & Co. ("Roth"), 1400 W Adams, Chicago, Ill.
Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
Star Drilling Machine Co., Akron, O.
Sterling Blower Co., Hartford, Conn.
Stockwell & Co. (Small), 229 N. Holliday, Baltimore, Md.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Turbo Blower Co. ("Turbo"), 30 Church, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wilbraham-Green Blower Co. ("Green" Rotary Pressure), Pottstown, Pa.
Wing L. J. Mfg. Co. ("Type R. E." Turbine Blower), 352 W 13th, New York

936— Blowers (Acid)
American Blower Co., 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Works (A. B. Franklin, Prop), 147 Pearl, Boston, Mass.
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Titusville Iron Co., Titusville, Pa.
Blowers (Boiler Flue)
See Cleaners, Boiler Flue or Tube; Soot Blowers & Suckers
936a—*Blowers (Centrifugal Pumps)
ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
936b— Blowers (Cupola)
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
937— Blowers (Cycloidal)
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York
938— Blowers (Cyclone)
Stauffer Geo. E. (Kitson's for Burning Culm & Slack), E Stroudsburg, Pa.
939— Blowers (Electric)
American Blower Co., 1400 Russell, Detroit, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.
 Diehl Mfg. Co., Elizabeth, N. J.
 Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
 Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Garden City Fan Co., 332 S Mich av, Chicago, Ill.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Kirk & Blum, York & Western aves, Cincinnati, O.
 New Era Electric Blower Co., 2248 W Lake, Chicago, Ill.
 N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
 Sprague Electric Works, 527 W 34th, New York
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Superior Meter Co. (Also Silent & Anaesthetic), Bush Terminal bldg, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

940— Blowers (Forge)

American Blower Co. ("Sirocco" Multi-Blade), 1400 Russell, Detroit, Mich.
 Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.
 Canedy-Otto Mfg. Co. ("Royal," "Western Chief"), Chicago Heights, Ill.
 Champion Blower & Forge Co., Lancaster, Pa.
 Champion Tool Co. ("20th Century"), Meadville, Pa.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Cleveland Steam Gauge Co. ("Watson"), 418 Prospect, N. W., Cleveland, O.
 Electric Blower Co. ("Marvel" Electric), 352 Atlantic av, Boston, Mass.
 Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Gardner R. Electrical Works ("Greyhound" Electric), 1712 Columbus rd, Cleveland, O.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Ilg Elec. Ventg. Co., 154 Whiting, Chicago, Ill.
 National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
 New York Blower Co., Archer av & Canal, Chicago, Ill.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Star Drilling Machine Co., Akron, O.
STURTEVANT B. F. CO. (Electric, etc), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

941— Blowers (Furnace)

American Blower Co., 1400 Russell, Detroit, Mich.
 Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.
 Donegan & Swift (Steam, "Swift's Economy"), 6 Murray, New York
GODFREY-KEELER CO. (Steam Spiral), 70 Warren, New York
See adv index at end of book
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
 Kirk & Blum, York & Western aves, Cincinnati, O.
 Monarch Steam Blower Co., Troy, N. Y.
 National-Standard Co. ("Dureco"), P O Box 211, Niles, Mich.
 Nelson Blower & Furnace Co. (Gas & Foundry), L & Elkins, Boston, Mass.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Turbo Blower Co. ("Turbo"), 30 Church, New York
 Wing L. J. Mfg. Co., 352 W 13th, New York

Blowers (Gas)

See Exhausters, Gas

942— Blowers (Hand)

See also Forges, Portable
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Buffalo Forge Co., Buffalo, N. Y.
 Canedy-Otto Mfg. Co. ("Royal"), Chicago Heights, Ill.
 Champion Blower & Forge Co., Lancaster, Pa.
 Roots P. H. & F. M. Co., Connersville, Ind.

943—*Blowers (Motor Driven)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

944— Blowers (Organ)

American Blower Co., 1400 Russell, Detroit, Mich.
 Backus Water Motor Co., 172 Penna av, Newark, N. J.
 Bayley Mfg. Co., 732 Greenwich, Milwaukee, Wis.
 Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
 Kimble Electric Co., 634 N Western, Chicago, Ill.
 Kinetic Engineering Co. (Electrically Driven), 60th & Baltimore av, Phila., Pa.
 Organ Power Co. ("Orgoblo" or "Spencer" Silent), 620 Capitol av, Hartford, Conn.

945—Blowers (Positive Pressure)

Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Connersville Blower Co. ("Victor"), Connersville, Ind.
 Crowell Mfg. Co. ("Crowell"), 296 Taaffe pl, Brooklyn, N. Y.
 Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
 Leiman Bros., 62 John, New York
 Monarch Engng. & Mfg. Co. ("Monarch" Low Pressure), American bldg, Baltimore, Md.
 National-Standard Co. ("Dureco"), P. O. Box 211, Niles, Mich.
 Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
 Rockwell W. S. Co. (For Furnace), 50 Church, New York
See adv index at end of book
 Roots P. H. & F. M. Co., Connersville, Ind.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Timmis & Clissold, Bound Brook, N. J.
 U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.
 United States Gas Machine Co., Muskegon, Mich.
 Wilbraham-Green Blower Co. ("Green"), Pottstown, Pa.
 Wing L. J. Mfg. Co. ("Hypress" from 1 to 10 lbs. pressure), 352 W 13th, New York

946—Blowers (Powder, Rubber)

Holland Instrument Corp., 2314 N 11th, Phila., Pa.
 Tyler Rubber Co. ("Tyrian" red Bulb, Hard Rubber Tube), Andover, Mass.

Blowers (Pressure)

See Blowers, Positive Pressure; also Blowers, Rotary

947— Blowers (Rotary)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.

Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Leiman Bros., 62 John, New York
 National-Standard Co. ("Dureco"), P. O. Box 211, Niles, Mich.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Wilbraham-Green Blower Co. ("Green"), Pottstown, Pa.

Blowers (Soot)

See Cleaners, Boiler Flue & Tube; Soot Blowers & Suckers

948— Blowers (Steam Jet)

BEGGS JAMES & CO., 30 Warren, New York
 Eynon-Evans Mfg. Co. (Steam Jet for Gas Producers, etc), 1519 Clearfield, Phila., Pa.
 Gibson Iron Works Co., 168 1st, Jersey City, N. J.
 McClave-Brooks Co. ("McClave's Argand" Steam Blower), Poplar st, Scranton, Pa.
 Michigan Lubricator Co., Detroit, Mich.
 Parson Mfg. Co., 149 B'way, New York
 Rollins Supply Co., 17 W Kinzie, Chicago, Ill.
SCHUTTE & KOERTING CO. (Steam Jet Blowers & Exhausters), 1251 N 12th, Phila., Pa.
 Scranton Pump Co. ("Union"), Scranton, Pa.
 Star Drilling Machine Co., Akron, O.
 Thacher Geo. H. & Co., Albany, N. Y.

949— Blowers (Turbine)

American Blower Co., 1400 Russell, Detroit, Mich.
DE LAVAL STEAM TURBINE CO., East Trenton, N. J. *See adv index at end of book*
 Kerr Turbine Co., Wellsville, N. Y.
 Ridgway Dynamo & Engine Co., Ridgway, Pa.
 Wing, L. J. Mfg. Co. ("Typhoon"), 352 W 13th, New York

950— Blowers (Turbo)

Coe C. T. Co., 10 Johnson, Newark, N. J.
 Coppus Engineering & Equipment Co. ("Coppus"), Worcester, Mass.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
 Kerr Turbine Co. ("Economy"), Wellsville, N. Y.
 Power Turbo Blower Co., 17 Battery pl, New York
 Ridgway Dynamo & Engine Co., Ridgway, Pa.
 Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant" Undergate), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
 Turbo-Blower Co., 30 Church, New York
 Worthington Pump & Machy. Corp., 115 B'way, New York

951—*Blowers (Vacuum Cleaning)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

952—Blowers & Exhausters (Electric)

American Blower Co., 1400 Russell, Detroit, Mich.
 Buffalo Forge Co. (Pulley Drive), Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Electric Blower Co. ("Marvel" Electric), 352 Atlantic av, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Green Fuel Economizer Co., Mateawan, N. Y.
 Kirk & Blum, York & Western aves, Cincinnati, O.
 Mechanical Appliance Co., Milwaukee, Wis.
 N. Y. Blower Co., Archer av & Canal, Chicago, Ill.
 Ridgway Dynamo & Engine Co., Ridgway, Pa.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.

STURTEVANT B. F. CO. ("Sturtevant"),
15 Damon, Hyde Park, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO.
East Pittsburgh, Pa.
See adv index at end of book

953— Blue (Powdered)

Drakenfeld B. F. & Co. (Imp), 50 Murray
New York
Harshaw, Fuller & Goodwin Co., Electric
bldg, Cleveland, O.
Roessler & Hasslacher Chemical Co., 100
William, New York

954—Blue Print Cars & Frames

American Drafting Furniture Co., 199 Rail-
road, Rochester, N. Y.
See adv index at end of book
Dietzgen Eugene Co., 166 W Monroe, Chi-
cago, Ill.
Fritz Mfg. Co. (Frames), Grand Rapids,
Mich.
Keuffel & Esser (Frames), Hoboken, N. J.
Pease C. F. Co., 220 W Institute pl, Chi-
cago, Ill.

Blue Print Cases

See Blue Print Filing Cabinets

955—Blue Print Coating Machines

Pease C. F. Co., 220 W Institute pl, Chi-
cago, Ill.
Williams, Brown & Earle, 918 Chestnut,
Phila., Pa.

956—Blue Print Filing Cabinets

Allsteelequipt Co. (Steel), Aurora, Ill.
American Drafting Furniture Co. ("Amer-
ican" Wood & Steel), 199 Railroad,
Rochester, N. Y.
See adv index at end of book
Cleveland Wire Spring Co. (Steel), Cleve-
land, O.
Darby Edw. & Sons Co. (Steel), 239 Arch,
Phila., Pa.
Dexter Metal Mfg. Co. (Steel), 93 Arch,
Camden, N. J.
Dietzgen Eugene Co., 166 W Monroe, Chi-
cago, Ill.
Economy Drawing Table Co., Toledo, O.
Edwards O. M. Co. ("Omeco" Steel), Syra-
cuse, N. Y.
Elliott B. K. Co. (Steel or Wood), 126 6th,
Pittsburgh, Pa.
Fire-Proof Furniture & Construction Co.
(Steel), Miamisburg, O.
Fritz Mfg. Co. (Frames), Grand Rapids,
Mich.
Hamilton Mfg. Co. (Wood & Metal), Two
Rivers, Wis.
Keuffel & Esser, Hoboken, N. J.
Lyon Metallic Mfg. Co. ("Lyon" Steel),
Aurora, Ill.
Pease C. F. Co., 220 W Institute pl, Chi-
cago, Ill.
Rowe Henry Mfg. Co., Newaygo, Mich.
WEBER F. & CO., 1125 Chestnut, Phila.,
Pa. *See adv index at end of book*
Williams, Brown & Earle, 918 Chestnut,
Phila., Pa.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

957— Blue Print Frames

See Blue Print Cars & Frames

958—*Blue Print Lamps & Carbons

GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*

959—Blue Print Trimming Tables

Pease C. F. Co., 220 W Institute pl, Chi-
cago, Ill.

960—Blue Print Washing & Drying Machines

Pease C. F. Co. (Continuous Automatic),
220 W Institute pl, Chicago, Ill.
Williams, Brown & Earle, 918 Chestnut,
Phila., Pa.

961— Blue Printing

See Blue & Black Prints & Papers

962—Blue Printing Machines

American Drafting Furniture Co. (Elec-
tric), 199 Railroad, Rochester, N. Y.
See adv index at end of book
Buckeye Engine Co. ("Buckeye" Electric),
Salem, O.
Buffalo Blue Print Co. ("Universal"),
Builders' Exchange, Buffalo, N. Y.

Dietzgen Eugene Co., 166 W Monroe, Chi-
cago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Keuffel & Esser ("Federal," "Champion,"
Continuous), Hoboken, N. J.
Paragon Machine Co. (Electric), Roches-
ter, N. Y.
Pease C. F. Co. (Continuous, etc), 220 W
Institute pl, Chicago, Ill.
Post Fred'k Co. ("Simplex" Electric, Con-
tinuous Blue Print Machine), 3635
Clark, Chicago, Ill.
Revolute Machine Co. ("Everett-McAdam"
Continuous Electric), 417 E 93d, New
York
Shaw Blue Print Machine Co., Campbell,
Newark, N. J.
U. S. Blue Print Paper Co., 327 S La Salle,
Chicago, Ill.
WAGENHORST J. H. & CO. (Vertical
Half & Full Cylinder Automatic Elec-
tric Machines), Youngstown, O.
WEBER F. & CO., 1125 Chestnut, Phila.,
Pa. *See adv index at end of book*
WICKES BROS. (Electric), Saginaw,
Mich.

WICKES BROS. (Electric)



Saginaw, Mich.

Williams, Brown & Earle, 918 Chestnut,
Phila., Pa.

Blue Vitriol

*See Chemicals, Battery, with the words
Blue Vitriol following their names
See also Copper Sulphate*

Blue & Black Printing

See Blue & Black Prints & Papers

963—Blue & Black Prints & Papers

Aloe A. S. Co., 621 Olive, St. Louis, Mo.
American Blue Print Co., 30 E 42d, New
York
American Blue Print Paper Co., 335 Ply-
mouth ct, Chicago, Ill.
Amsler Blue Print Co., 31 Church, New
York
Architects' & Engineers' Supply Co., Kan-
sas City, Mo.
Barclay D. & Sons, 1515 Sansom, Phila.,
Pa.
Beatty Fred W., 39 Ann, New York
Blue Print Co., 101 Park av, New York
Blumhard C. A. Blue Paper Co., 38 S 6th,
Phila., Pa.
Boston Blue Print Co., 12 India, Boston,
Mass.
Buffalo Blue Print Co., Builders' Ex-
change, Buffalo, N. Y.
Cardwell Blue Print & Supply Co., Denver,
Colo.
Childrey Co., Richmond, Va.
Cincinnati Blue Print Co., 141 E 4th, Cin-
cinnati, O.
Cole H. Co., 68 E Gay, Columbus, O.
Commercial Blue Print Co., 17 Quincy,
Chicago, Ill.
Concourse Blue Print Co., 52 Vanderbilt
av, New York
Cooper Hewitt Elec. Co., Hoboken, N. J.
Defiance Mfg. Co., 22 E 41st, New York

Dietzgen Eugene Co., 166 W Monroe, Chi-
cago, Ill.
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Erie Electric Blue Print Co., Erie, Pa.
Frey Louis & Co. ("Bertsch" Imported),
50 John, New York
Frost & Adams Co., 37 Cornhill, Boston,
Mass.
Hewlett Geo. B., 32 Front, New York
Indianapolis Blue Print & Supply Co., Cen-
tury bldg, Indianapolis, Ind.
Keuffel & Esser, Hoboken, N. J.
Keystone Blue Paper Co., 910 Filbert,
Phila., Pa.
Kolesch & Co., 138 Fulton, New York
McCollin Thos. H. & Co., 54 N 9th, Phila.,
Pa.
Makepeace B. L., 387 Washington, Boston,
Mass.
Moss Chas. E. Co., 38 Broad, Boston,
Mass.
Multi-Color Copying Co., 125 Woodward
av, Detroit, Mich.
National Blue Print Co., 110 W 32nd, New
York
NEW YORK BLUE PRINT PAPER CO.,
102 Reade, New York
New York Multi-Color Copying Co., 25
Pearl, New York
Pease C. F. Co., 220 W Institute pl, Chi-
cago, Ill.
Peerless Blue Print Co., 341 5th av, New
York
Progress Blue Print Co., 42 E 23d, New
York
Providence Electric Blue Printing Co., 86
Weybosset, Providence, R. I.
Revolute Mach. Co., 417 E 93d, New York
Rexim Co. (Blacklined Reproduction Pro-
cess), 908 Chestnut, Phila., Pa.
Rochester Blue Printing Co., Rochester,
N. Y.
Rogers & Co., 521 Marquette av, Minneap-
olis, Minn.
Shaw Blue Print Machine Co., 11 Camp-
bell, Newark, N. J.
Smith G. W., 915 Arch, Philadelphia, Pa.
Spaulding Print Paper Co., 44 Federal,
Boston, Mass.
Storey H. H. & Co., 329 Walnut, Phila., Pa.
Taws Henry M., 920 Arch, Phila., Pa.
Technical Supply Co. ("Tec"), Scranton,
Pa.
Toerring C. J. Co., 2121 Toronto, Phila.,
Pa.
United States Blue Print Paper Co., 327
S La Salle, Chicago, Ill.
Wagenhorst J. H. & Co., Youngstown, O.
WEBER F. & CO., 1125 Chestnut, Phila.,
Pa. *See adv index at end of book*
Weil J. H. & Co., 1300 Arch, Phila., Pa.
Western Blue Print Co., Gumbel bldg, Kan-
sas City, Mo.
Williams, Brown & Earle, 918 Chestnut,
Phila., Pa.

Bluestone

See Sulphate of Copper

964— Boards (Binders')

See also Box Board Mfrs.

Albey Bros., Newark, N. J.
American Straw Board Co., B'way & 42d,
New York
Boehme & Rauch Co., Monroe, Mich.
Brookside Paper Co., S Manchester, Conn.
Case & Risley Press Paper Co., Oneco,
Conn.
Davey E. H. Co., Bloomfield, N. J.
Davey W. O., & Sons, 174 Laidlaw av,
Jersey City, N. J.
Fandango Mills, Millburn, N. J.
Foulds William Co., Manchester, Conn.
Hartford Board Co., Hartford, Conn.
Haverhill Box Board Co., Haverhill, Mass.
HEWITT C. B. & BROS., 49 Beekman,
New York *See adv index at end of book*
Hults Ellsworth H., Jr., 27 N 6th, Phila.,
Pa.
Ingalls & Co. (Mill), Castleton, N. Y.
Kerr Paper Mill Co., E Downingtown, Pa.
Merion Paper Co., 2447 Locust, Phila, Pa.
Muir James A., Morristown, N. J.
Naubuc Paper Co., Glastonbury, Conn.
Norton C. H., N Westchester, Conn.
Otter River Board Co., Otter River, Mass.
Palmer Willis B., Doe Run, Pa.
Perkiomen Paper Co., Pennsburg, Pa.
Riverside Paper Mfg. Co., The, Glaston-
bury, Conn.
Seeley Paper Mills Co., Scotch Plains, N. J.
South Coventry Paper Co., South Cove-
ntry, Conn.
Tonawanda Board & Paper Co., Tonawan-
da, N. Y.

United Paperboard Co., 171 Madison av,
New York
Wasuc Mills Co., S Glastonbury, Conn.
Westport Paper Co., Westport, Conn.

Boards (Box)

See Box Board Mfrs.

965—Boards (Bread, Pastry, Etc.)

American Bread & Pastry Board Co., Cambridge, O.
Cassady Fairbanks Mfg. Co., 6126 S La Salle, Chicago, Ill.
Clark J. R. Co., 2nd av N & Aldrich av, Minneapolis, Minn.
Cleveland Metal Products Co. ("White Seal" Enam. Metal), Ivanhoe rd & N. Y. C. & St. L. R. R., Cleveland, O.
Empire Co., North Girard, Pa.
Estes E. B. & Sons (Bread), 358 5th av, New York. *See adv index at end of book*
Fox Geo. S., 137 N 6th, Phila., Pa.
Pierce W. E. & Co., Milford, N. H.
Specialty Mfg. Co., Titusville, Pa.
Stokes Wm. A. & Co., 50 Howard, New York
Union Mfg. Co., Cambridge, O.

966—Boards (Buggy)

Boehme & Rauch Co., Monroe, Mich.
Hults E. H., Jr., 27 N 6th, Phila., Pa.
Ingalls & Co. (Mill), Castleton, N. Y.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Monroe Binder Board Co., Monroe, Mich.
Tonawanda Board & Paper Co., Tonawanda, N. Y.
United Paperboard Co., 171 Madison av, New York

967—Boards (Bulletin)

See Bulletin Boards

968—Boards (Clip & File)

American Mfg. Concern (With or Without Fixtures), Falconer, N. Y.

969—Boards (Cloth)

Bridge's A. D. Sons, Hazardville, Conn.
Cady Geo. L. & Sons, Lowell, Mass.
Case Bros., Highland Park, Conn.
Chaffee Bros. Co., Oxford, Mass.
Darling C. P. Co., 415 Charles, Providence, R. I.
HEWITT C. B. & BROS., 49 Beekman, New York. See adv index at end of book
Lawrence Lumber Co., Lawrence, Mass.
Lowry Robt. C. & Co., 23 Beaver, New York
Marston Rake Co., Lebanon, N. H.
Nashua Spool & Bobbin Co. (Wood & Pulp), Grove Hall Station, Boston, Mass.
Pingree D. W. Co., Lawrence, Mass.
Providence Box & Lumber Co., 1102 Cranston, Providence, R. I.
Shryock J. K., 301 N 2d, Phila., Pa.
Thompson Jas. A., Lowell, Mass.
Tonawanda Board & Paper Co., Tonawanda, N. Y.

970—Boards (Cutting)

New York Wood Working Corp., 502 E 19th, New York
Tolhurst Machine Works (For Shirt, Neckwear, Corset & Collar Factories, etc), Troy, N. Y.

971—Boards (Drawing)

American Drafting Furniture Co., 199 Railroad, Rochester, N. Y.

AMERICAN DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

Economy Drawing Table Co., Emmert, Toledo, O.
Keuffel & Esser, Hoboken, N. J.
Rowe Henry Mfg. Co., Newaygo, Mich.

972—Boards (Fibre)

Continental Fibre Co. ("Bakelite-Dilecto"), Newark Centre, Del.
Danvers Leather Co., 161 Devonshire, Boston, Mass.
Ft. Wayne Corrugated Paper Co., Hartford, Ind.
HEWITT C. B. & BROS., 49 Beekman, New York. See adv index at end of book
Lee Fibre Co., Wadleys Falls, N. H.
National Fibre Board Co., 121 Beach, Boston, Mass.
Spaulding J. & Sons Co., N Rochester, N. H.
Stowe J. D. & Sons, Scitico, Conn.
United Paperboard Co., 171 Madison av, New York
Upson Co., Lockport, N. Y.
Wasuc Mills Co., South Glastonbury, Conn.

973—Boards (Friction)

Davey E. H. Co., Bloomfield, N. J.
Davey W. O. & Sons, 174 Laidlaw av, Jersey City, N. J.
HEWITT C. B. & BROS., 49 Beekman, New York. See adv index at end of book
Ingalls & Co. (Mill), Castleton, N. Y.
Leo James Co., 251 Varick, Jersey City, N. J.
Manhattan Straw Board Co., B'way & 42d, New York
Seeley Paper Mills Co., Scotch Plains, N. J.
Spaulding J. & Sons Co., N Rochester, N. H.
Stratford Geo. Oakum Co., Cornellison av, Jersey City, N. J.
Wasuc Mills Co., S Glastonbury, Conn.

973a—*Boards (Game)

Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*

974—*Boards (Gauge)

SCHAEFFER & BUDENBERG MFG. CO.
(Marble, Slate, Hardwood, Metal),
Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

975—Boards (Glass Cutting)

Lufkin Rule Co., Saginaw, Mich.

976—Boards (Hanger)

Brady Electric Mfg. Co. (Arc Lamp), New Britain, Conn.
Cutter Geo. Co., South Bend, Ind.

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Arc Lamp), Schenectady, N. Y.
See adv index at end of book
Lundin Electric & Machine Co. ("Arc Lamp" with absolute cut-out), 10 Thatcher, Boston, Mass.
Paiste H. T. Co. (Fusible), 3201 Arch, Phila., Pa.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

976a—Boards (Hosiery)

See Hosiery Boards

977—*Boards (Insulating Press)

HEWITT C. B. & BROS., 49 Beekman, New York. See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

978—Boards (Ironing)

Acme Mfg. Co. ("Acme," Plain & Shirt & Sleeve), 1806 East, Pittsburgh, Pa.
Austell Swing & Ladder Co., Austell, Ga.
Berg John & Bro. (Folding), 5001 5th av, Chicago, Ill.
Brook Novelty Co., Brook, Ind.
Bryant Jno. T., Springfield, O.
Cardington Cabinet Co., Cardington, O.
Chicago Curtain Stretcher Co. ("Sun," "Star," "Crescent"), 3725 Wall, Chicago, Ill.
Christman A. G. Co. ("Royal"), Reading, Pa.
Clark J. R. & Co. 2nd av N & Aldrich av, Minneapolis, Minn.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Davis John B. (Plain & Shirt), Clinton, Me.
Dillingham Mfg. Co. (Folding), Sheboygan, Wis.
Eclipse Co. ("Eclipse," "Eureka," Sleeve, etc), North Girard, Pa.
Eisenmann S. J. ("Avon"), 369 B'way, New York
Ely T. J. Mfg. Co. ("Ely's Dandy," also Sleeve), Erie, Pa.
Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
Forsyth Wm. & Sons Co., West Lynn, Mass.
Fox Geo. S., 137 N 6th, Phila., Pa.
Hammond J. T. & Son, 4534 Hedge, Phila., Pa.
Holmquist & Co. ("Home Kissed," Bosom, Shirt, Sleeve, etc), W 35th & S Maplewood av, Chicago, Ill.
Milford Mfg. Co. ("Perfection," Reversible Sleeve & Bosom & Collapsible Sleeve), Mansfield, O.
Modern Mfg. Co., Hagerstown, Md.
Moulton C. W. H. Co., Somerville, Mass.
Mueller H. G. Lumber & Mfg. Co., Sheboygan, Wis.
National Woodenware Co., Ltd., Grand Rapids, Mich.
Oregon Woodenware Mfg. Co. ("Springer" Folding), Portland, Ore.
Queen Mfg. Co., 313 S Clinton, Chicago, Ill.
Rogers Paper Mfg. Co., So. Manchester, Conn.
Specialty Mfg. Co., Titusville, Pa.
Standard Mfg. Co., Cambridge City, Ind.
Steinfeld Bros. ("Steinfeld," also Shirt), 116 W 32nd, New York
Stokes Wm. A. & Co., 50 Howard, New York
Tyrone Ironing Board Co. ("McKinney," Reversible Sleeve & Bosom), Tyrone, Pa.
Udell Works ("Udell"), Indianapolis, Ind.
Young Bros. Co., Worcester, Mass.

979—Boards (Jute)

See also Box Board Mfrs

Auglaize Box Board Co., St. Marys, O.
Fort Wayne Corrugated Paper Co., Hartford City, Ind.
Franklin Board & Paper Co., Franklin, O.
Gardner-Harvey Paper Co. (Plain or Oak Grain), Middletown, O.
Harvey Paper Co., Wellsburg, W. Va.
Lewis J. P. Co., Beaver Falls, N. Y.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Marion Paper Co. (Plain or Grained), Marion, Ind.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Richardson Paper Co., Lockland, O.

Paper Boards Glue

BINDERS' C. B. HEWITT & BROS.
TRUNK

FRICITION 49 BEEKMAN ST., NEW YORK

LEATHER

TEXTILE, FIBRE, NEWS, PRESS, BOX, STRAW (Air and Steam Dried)



PATTERN BOARDS

WE HAVE EVERYTHING IN THE BOARD LINE

Rockford Paper Box Board Co., Rockford, Ill.
Tonawanda Board & Paper Co. (Solid & Filled), Tonawanda, N. Y.
United Paper Board Co., 171 Madison av, New York

980— Boards (Leather)

Case Board Co., Andover, Conn.
Cushman & Rankin Co., Bath, N. H.
Danvers Leather Co., 161 Devonshire, Boston, Mass.
Davis Paper Co., Contoocook, N. H.
Endicott-Johnson & Co., Lestershire, N. Y.
Foulds Wm. Co., Manchester, Conn.
HEWITT, C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Ingalls & Co. (Mill), Castleton, N. Y.
Jenkins Geo. O., Whitman, Mass.
Kerr Paper Mill Co., East Downingtown, Pa.
Lancaster Leather Co., Lancaster, O.
Lee Fibre Co., Wadleys Falls, N. H.
Milton Leather Board Co., Milton, N. H.
Muir James A., Morristown, N. J.
National Fibre Board Co., 121 Beach, Boston, Mass.
Naubuc Paper Co., Glastonbury, Conn.
Nichols N. J. Co., South Coventry, Conn.
Passumpsic Fibre Leather Co., Passumpsic, Vt.
Pierce Bros., St. Johnsbury Center, Vt.
Rogers Paper Mfg. Co., So Manchester, Conn.
Sherman & Co., Belfast, Me.

981— Boards (Mat)

Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.
Case A. Williard Co., Manchester, Conn.
Chicago Mat Board Co., 664 Washington blvd, Chicago, Ill.
National Card Mat & Board Co., 218 W Superior, Chicago, Ill.
South Coventry Paper Co., South Coventry, Conn.
Spaulding J. & Sons Co., North Rochester, N. H.
Stowe J. D. & Sons, Scitico, Conn.
Wasuc Mills Co., South Glastonbury, Conn.
Westport Paper Co., Westport, Conn.

982— Boards (News)

HEWITT, C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
McEwan Bros., Whippany, N. J.
Tonawanda Board & Paper Co. (Solid & Filled), Tonawanda, N. Y.
Westport Paper Co., Westport, Conn.

Boards (Panel, Etc.)

See Switchboards, Light & Power

983— Boards (Pattern)

See also Boards, Binders'; also Lumber, Templet

Boehme & Rauch Co. (Paper Board), Monroe, Mich.
HEWITT C. B. & BROS. ("A. B. C."), 49 Beekman, New York
See adv index at end of book
Monroe Binder Board Co., Monroe, Mich.

983a— *Boards (Peg)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

984—Boards (Printers' Engraving)

Setter Bros. Co., Cattaraugus, N. Y.

984a— *Boards (Punch)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

985—Boards (Shoveling & End Gate)

Beggs Wagon Co. ("Acme"), Kansas City, Mo.
Bristol & Gale Co. ("Lakeside"), 158 Carroll av, Chicago, Ill.
Clippinger A. B. & Son ("A. B. C."), Kansas City, Kan.
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.
Dain Mfg. Co., Ottumwa, Ia.
Dakota Plow & Wagon Co., Sioux Falls, S. D.
Dectaur Mfg. Co., Decatur, Ill.

Ernsdorff John Iron Co., Dubuque, Ia.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Hayes Pump & Planter Co. ("B. B.", "Boss," "Perkins," "Ruby"), Galva, Ill.

Hunt, Helm Ferris & Co. ("Star"), Harvard, Ill.
Klondike Incubator Co. ("Wilde"), Des Moines, Ia.

Knapheide Henry Wagon Co. ("Korn King"), Quincy, Ill.
Litchfield Mfg. Co. ("Grain King"), Waterloo, Ia.

Mandt Wagon Co., Stoughton, Wis.
Nagley Mfg. Co. ("The Sampson"), Lyons, N. Y.

Peoria Drill & Seeder Co. ("Big Four," "Great Northern," "H. & A." "It's a Corker," "Luthe," "Midland," "O-K," "Valley City"), Peoria, Ill.

Standard Mfg. Co., Council Bluffs, Ia.
Stoughton Wagon Co., Stoughton, Wis.
Sturgis W. B. & Sons ("New Western"), Shelbyville, Ill.

True Mfg. Co. ("New Western"), Eaton Rapids, Mich.
Turnbull Wagon Co., Defiance, O.

986— Boards (Sounding)

Breckwoldt J. & Co., Dolgeville, N. Y.
Posey Mfg. Co., Hoquiam, Wash.

986a— *Boards (Starch)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

987— Boards (Stencil)

Matthews James H. & Co. (& Supplies), 3942 Forbes, Pittsburgh, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O, & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
United Paperboard Co. (Uncoiled), 171 Madison av, New York

Boards (Straw)

See Straw Board Mfrs.

988— Boards (Tar)

HEWITT, C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*

Boards (Templet)

See Boards, Pattern; also Lumber, Templet

989— Boards (Trunk)

HEWITT C. B. & BROS., 49 Beekman, New York. *See adv index at end of book*
Hults Ellsworth H., Jr., 27 N 6th, Phila., Pa.

Norton Clarence H., North Westchester, Conn.

Perkiomen Paper Co., Pennsburg, Pa.
Tonawanda Board & Paper Co., Tonawanda, N. Y.

Westport Paper Co., Westport, Conn.

989a— Boat Boards

Roper J. L. Lumber Co., Norfolk, Va.

989b—*Boat Upholstery (Top, Curtain and Trimming Materials)

DU PONT FABRIKOID CO. (Leather Type), Wilmington, Del.
For branch offices see adv index at end of book

990— Boards (Cat)

American Boat Co., Detroit, Mich.
Crosby D. & Son, Osterville, Mass.
Crosby Wilton, Osterville, Mass.
Hansen A., ft 58th, Brooklyn, N. Y.

Boards (Collapsible)

See Boats & Rafts, Life

991— Boards (Flying)

Burgess Co. & Curtis, Marblehead, Mass.
Christofferson Aircraft Mfg. Co., 57 Post, San Francisco, Cal.
Curtiss Aeroplane Co., ft. of Churchhill, Buffalo, N. Y.

992— Boards (Folding)

Acme Folding Boat Co., Miamisburg, O.
King Folding Canvas Boat Co., Kalamazoo, Mich.

993— Boats (Knocked-Down)

Brooks Mfg. Co., Saginaw, Mich.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Neumeister Fred P. & Co., Rockford, Ill.
Niagara Motor Boat Co., North Tonawanda, N. Y.
Pioneer Boat & Pattern Co., Bay City, Mich.
Racine Boat Co., Racine, Wis.
St. Louis Boat & Engine Co., St. Louis, Mo.
Supple Joseph, Portland, Ore.

Boats (Motor)

See Motor Boat, Launch & Yacht Builders

994— Boats (Steel)

See also Motor Boat, Launch & Yacht Builders

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.

For branch offices see adv index at end of book
Dubuque Boat & Boiler Works, Dubuque, Ia.

Michigan Steel Boat Co., Detroit, Mich.
Mullins W. H. Co., (Boats, Launches, etc), 341 Franklin, Salem, O.

New York Shipbuilding Co., Camden, N. J.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.

See adv index at end of book
Racine Boat Co., Racine, Wis.
Rippley Mfg. & Steel Boat Co., Grafton, Ill.
Welin Marine Equipment Co. (Also Wooden Boats), 305 Vernon av, Long Island City, N. Y.

995— Boats (Stone)

Belcher & Taylor Agricultural Tool Co. (& Fronts), Chicopee Falls, Mass.

Dickinson Rack Co., Stockbridge, Mich.
Dutton E. Q. & Co. (& Fronts), Cato, N. Y.
Eddy W. Plow Co. (& Fronts), Greenwich, N. Y.

Patterson Mfg. Co., Holly, Mich.

996— Boats (Tow or Tug)

American Tug Boat Co., Everett, Wash.
Atlantic Works, 80 Border, East Boston, Mass.

Conway Towboat Co., Covington, Ky.

Cowles Shipyard Co., Buffalo, N. Y.

Harlan & Hollingsworth Corp., Wilmington, Del.

Lake Erie Drydock & Mill Co., Sandusky, O.
Lake Shipbuilding Co., Buffalo, N. Y.

Lockwood Mfg. Co., 65 Sumner, E Boston, Mass.

Noecker & Ake Shipbuilding Co., Camden, N. J.

Pussey & Jones Co., Wilmington, Del.

Racine Boat Co., Racine, Wis.

Rees James & Sons Co., 18 4th, Pittsburgh, Pa.

997-8—Boats & Rafts (Life)

American Ship Building Co., Ft. of W 54th, Cleveland, O.
Astoria Boat Wks & Marine Equipment Co., Inc., Astoria, L. I., N. Y.

Detroit Shipbuilding Co. ("Kirby" Metallic "Clark's" Metallic), Brass Dept, Detroit, Mich.

Drein Thos. & Son Co. (Metallic), Townsend & A., Wilmington, Del.

Holmes Motor Co., West Mystic, Conn.

Kahnweiler's David Sons (Metallic & Wooden), 260 Front, New York

Lane C. M. Life Boat Co. (Metallic & Wooden; also "Englehardt" Collapsible), 250 Huron, Brooklyn, N. Y.

Munn Thos. C. Co., Wilmington, Del.

New York Shipbuilding Co., Camden, N. J.

Racine Boat Co., Racine, Wis.

Welin Marine Equipment Co. ("A. B. C." Metallic Self-Bailing & Self-Righting Collapsible; also Wood Boats), 305 Vernon av, Long Island City, N. Y.

999—Bobbins (Sewing Machine)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*

1000—Bodies (Automobile, Metal)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
Amesbury Metal Body Co., Amesbury, Mass.

Archer Iron Works (Steel Truck), 2430 W 34th pl, Chicago, Ill.
 Armstrong M. Co., 433 Chapel, New Haven, Conn.
 Auto Body Co., Lansing, Mich.
 Auto Sheet Metal Wks, 2301 S Wabash, Chicago, Ill.
 A-Z Co., 527 W 56th, New York
 Biddle & Smart Co., Amesbury, Mass.
 Briggs Carriage Co., Cedar, Amesbury, Mass.
 Brunn & Co., 988 Ellicott, Buffalo, N. Y.
 Budd Edward G. Mfg. Co. (Pressed Steel), 25th & Hunting Park av, Phila., Pa.
 Butler Mfg. Co. (Truck Steel), 900 6th av, S E, Minneapolis, Minn.
 Clark Body Co. Water, Amesbury, Mass.
 Collins R. N. Vehicle Woodwork Co., 3900 Chouteau av, St. Louis, Mo.
 Columbia Steel Co., Elyria, O.
 Columbian Steel Tank Co., 1601 W 12th, Kansas City, Mo.
 Currier, Cameron Co., Amesbury, Mass.
 Dayton Body Co., Dayton, O.
 Farnham Nelson Co., Boston, Mass.
 Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
 Fitzgibbon & Crisp, Trenton, N. J.
 Fleetwood Metal Body Co., Fleetwood, Pa.
 Hale & Kilburn Co., 18th & Lehigh av, Phila., Pa.
 Hayes-Ionia Co., Ionia, Mich.
 Hayes Mfg. Co., Detroit, Mich.
 Holbrook Co., West End & 67th, New York
 Holcker-Elberg Mfg. Co., N E cor 16th & McGee, Kansas City, Mo.
 Hollander & Marill, Amesbury, Mass.
 Hoover Wagon Co., York, Pa.
 Howarth & Rogers Co., Amesbury, Mass.
 Judkins J. B. Co., Merrimac, Mass.
 Keystone Vehicle Co., Reading, Pa.
 Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
 Lane Thos. W., Amesbury, Mass.
 Lawrence L. & Co. (Aluminum), 292 Halsey, Newark, N. J.
 Leitch J. N. Co. (Aluminum & Steel), Amesbury, Mass.
 Littleford Bros. (Steel Truck), 444 E Pearl, Cincinnati, O.
 Martin Carriage Wks (Pleasure & Commercial), York, Pa.
 Meister A. & Sons Co., Sacramento, Calif.
 Miller A. J. & Co., Bellefontaine, O.
 Miller Brothers (Aluminum), Amesbury, Mass.
 Monroe Body Co., Pontiac, Mich.
 Motor Truck Body Co., Central & Wabash R. R., Detroit, Mich.
 Mount J. W. Co., Maple av, Red Bank, N. J.
 Mulholland Co., Dunkirk, N. Y.
 Mullins W. H. Co., 341 Franklin, Salem, O.
 New Haven Carriage Co., Water & Franklin, New Haven, Conn.
 Niagara Auto Radiator Co., 151 W 68th, New York
 Pirsch, Peter & Co., Kenosha, Wis.
 Portland Body Works, Portland, Ind.
 Pullman Automatic Ventilator Mfg. Co., York, Pa.
 Quinby J. M. & Co. (Aluminum), 27 Division, Newark, N. J.
 Racine Mfg. Co., Racine, Wis.
 Schubert August Wagon Co., Oneida, N. Y.
 Shields Carriage Co., Amesbury, Mass.
 Sidney Mfg. Co., Sidney, O.
 South Bend Spring Wagon & Carriage Co., South Bend, Ind.
 Springfield Body Co. (Brightwood), Springfield, Mass.
 Sterling Top & Equipment Co., 518 W 57th, New York
 Stewart W. F. Co., Flint, Mich.
 Stover Steel Tank Co., Freeport, Ill.
 Thompson E. J. Co., Forbes Field, Pittsburgh, Pa.
 Troy Mfg. Co., Troy, O.
 Union City Body Co., Union City, Ind.
 U. S. Aluminum Co. (Aluminum), Oliver bldg, Pittsburgh, Pa.
 Wadsworth Mfg. Co., Kercheval & Conners Creek, Detroit, Mich.
 Walker Alfred J. & Co., 223 W 66th, New York
 Walker Wells Co., Amesbury, Mass.
 Werner Geo. & Son, Buffalo, N. Y.
 Willoughby Co., Utica, N. Y.
 Wilson C. R. Body Co., Clay av & D. G. H. & M R. R., Detroit, Mich.
 Wood A. M. Co., Charlestown, Boston, Mass.
 Woop William Co., 136 W. 52nd, New York
 York Carriage Co., York, Pa.
 York Wagon Gear Co., York, Pa.

1001—Bodies (Automobile, Wood)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.
 Alliance Mfg. Co., Streator, Ill.
 American Body Co., 1257 Niagara, Buffalo, N. Y.
 Ames F. A. Co., Owensboro, Ky.
 Armstrong-Johnston Mfg. Co. (Auto Truck Bodies), Columbus, O.
 Armstrong M. Co., 433 Chapel, New Haven, Conn.
 Auburn Mfg. Co., Auburn, Ind.
 Auto Body Co., Lansing, Mich.
 Auto Remodelling Co., 1505 S Michigan av, Chicago, Ill.
 Babcock H. H. Co. (Commercial), Watertown, N. Y.
 Badger Auto Body Co., 3009 Lisbon av, Milwaukee, Wis.
 Bailly & Browne, Utica, N. Y.
 Barnett Auto Body Co., 425 Golden Gate, San Francisco, Calif.
 Baternan J. Paul Co., Bridgeton, N. J.
 Beaudett O. J. Co., Pontiac, Mich.
 Blehl's Carriage & Wagon Works, Reading, Pa.
 Blaser Auto Body Co., Fostoria, O.
 Blue Ribbon Auto & Carriage Co., 1720 Fairfield av, Bridgeport, Conn.
 Bollwerk H. & Bro., St. Louis, Mo.
 Borbein Auto Co., 2109 N 9th, St. Louis, Mo.
 Borchers Carriage & Auto Co., Dayton, O.
 Bridgeport Body Co., 363 Fairfield av, Bridgeport, Conn.
 Briggs Carriage Co., Amesbury, Mass.
 Brill J. G. Co., 62d & Woodland, Phila., Pa.
 Brownell & Burt, 10 Washington, Taunton, Mass.
 Brunn & Co., 988 Ellicott, Buffalo, N. Y.
 Buob & Scheu, 408 E Court, Cincinnati, O.
 Central Auto Body Co., 15 Orchard, Hartford, Conn.
 Central Mfg. Co., Connorsville, Ind.
 Champion Wagon Co., Oswego, N. Y.
 Charlotte Wagon & Auto Co., Charlotte, N. C.
 Chicago Auto Equipment Co., 810 W Jackson blvd, Chicago, Ill.
 Cincinnati Panel Co., 1938 W 8th, Cincinnati, O.
 Collins G. A. & Son, Akron, O.
 Columbia Wagon Co. (Commercial), Columbia, Pa.
 Commercial Auto Body & Mfg. Co., 5345 St. Clair, Cleveland, O.
 Currier-Cameron Co., 85 Elm, Amesbury, Mass.
 Dale Body Co., Fostoria, O.
 Dann Bros. & Co., New Haven, Conn.
 Dayton Body Co., Dayton, O.
 Detroit Carriage Goods Co., Detroit, Mich.
 Dunbar Automobile Body Co., 37th & Filbert, Phila., Pa.
 Erdman-Guider Co., 2290 Woodward av, Detroit, Mich.
 Etzel M. & Sons, Inc., 101 Fairmount av, New Haven, Conn.
 Federal Body Co. of N. Y., 250 W 54th, New York
 Fisher Body Corp., Oakland & Piquette, Detroit, Mich.
 Fitzgibbon & Crisp, Trenton, N. J.
 Frazier W. S. & Co., Aurora, Ill.
 Goodman Auto Body Co., 1737 B'way, New York
 Gregg Wm. D. & Rogers Co., 1926 Arch, Phila., Pa.
 Harrison Robert Co., 330 W 1st, So Boston, Mass.
 Hayes & Miller Co., 518 W 57, New York
 Highland Body Mfg. Co. (Bodies & Seats for Motor Trucks), Center Hill av, & C. H. & D. R. R., Elmwood, Cincinnati, O.
 Hill Mfg. Co., 27 Fuller, Buffalo, N. Y.
 Hoffmann Wm., 51 3d, Milwaukee, Wis.
 Holcomb Co., New Haven, Conn.
 Hollander & Morrill, Amesbury, Mass.
 Hoover Wagon Co., York, Pa.
 Howarth & Rogers Co., Amesbury, Mass.
 Hughes Wm. J. & Son, 2518 Michigan av, Chicago, Ill.
 Jewett Geo. H. Co., Worcester, Mass.
 Johnson & Hibbard (Commercial), Westfield, Mass.
 Jones & Co., Syracuse, N. Y.
 Kidney Jas. Co., 429 E 2d, Cincinnati, O.
 Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.
 Kundtz Theodore Co., Winslow & Elm, Cleveland, O.
 Lane Thos. W., Amesbury, Mass.
 Lee Loader & Body Co. (Commercial), 2343 So La Salle, Chicago, Ill.
 Leitch J. N. Co., Amesbury, Mass.

Limousine-Carriage Mfg. Co., 3515 S Michigan av, Chicago, Ill.
 Lowry Top & Body Co., 1211 Vine, Phila., Pa.
 Mertz Co., 704 Woodland, Cleveland, O.
 Milburn Wagon Co., Toledo, O.
 Miller A. J. & Co., Bellefontaine, O.
 Miller Brothers, Amesbury, Mass.
 Monroe Body Co., Pontiac, Mich.
 Motor Truck Body Co., Central & Wabash R. R., Detroit, Mich.
 National Body & Top Corp., Buffalo, N. Y.
 Neustadt Automobile & Supply Co., 3200 Locust, St. Louis, Mo.
 New Haven Carriage Co., New Haven, Conn.
 Press Jacob & Sons, 300 N Halsted, Chicago, Ill.
 Racine Mfg. Co., Racine, Wis.
 Roeder Fred Mfg. Co., 1396 Atlantic av, Brooklyn, N. Y.
 Sargent & Ham Co., 26 Bowker, Boston, Mass.
 Schmitz Geo. & Bro., 666 Genesee, Buffalo, N. Y.
 Schukraft Wm. & Sons, 941 Fulton, Chicago, Ill.
 Seaman W. S. Co., 480 Virginia, Milwaukee, Wis.
 Shepard H. G. & Sons, New Haven, Conn.
 Shields Carriage Co., Amesbury, Mass.
 Sidney Mfg. Co., Sidney, O.
 Springfield Body Co., Birnie av, Springfield, Mass.
 Springfield Commercial Body Co., 310 Main, Springfield, Mass.
 Stone C. & Sons, 1658 Ogden av, Chicago, Ill.
 Syska Bros., 46 Bergen, Brooklyn, N. Y.
 Tegetmeier & Riepe Co., 771 1st av, New York
 Troy Mfg. Co., Troy, O.
 Union City Body Co., Union City, Ind.
 Walker Alfred J. & Co., 223 W 66th, New York
 Walker & Werner, Peoria, Ill.
 Wall R. C. Mfg. Co., 228 N 15th, Phila., Pa.
 Weber M. Co., Dayton, O.
 Wentworth Body Co., Boston, Mass.
 Willoughby Co., Utica, N. Y.
 Wilson C. R. Body Co., Clay av & D. G. H. & M R. R., Detroit, Mich.
 Wood A. M. Co., Charlestown, Boston, Mass.
 Woop William Co., 136 W 52d, New York
 York Carriage Co., York, Pa.
 York Wagon Gear Co., York, Pa.

1002—Bodies & Seats (Carriage & Wagon)

Ahr & Rost Co., Cincinnati, O.
 Auburn Mfg. Co., Auburn, Ind.
 Carriage Wood Stock Co., Owensboro, Ky.
 Central Mfg. Co., Connorsville, Ind.
 Cincinnati Panel Co. (Buggy, Phaeton, Stanhope, etc), 1938 8th, Cincinnati, O.
 Coopersburg Bending Works, Coopersburg, Pa.
 Dann Bros. & Co., New Haven, Conn.
 Excelsior Seat Co. (Buggy Seats), Fifth av & River rd, Columbus, O.
 Fitch Gear Co., Rome, N. Y.
 Gresham Mfg. Co., Griffin, Ga.
 Haberer & Co., Gest & Summer, Cincinnati, O.
 Highland Body Mfg. Co., Elmwood Place, O.
 Holt Bros. Mfg. Co., Concord, N. H.
 Leitch James N. Co., Amesbury, Mass.
 Lowell Cutter Co., Lowell, Mich.
 McCrillis J. B. & Son, Manchester, N. H.
 Mifflinburg Body & Gear Co., Mifflinburg, Pa.
 Millcreek Wagon Co., 225 Budd, Cincinnati, O.
 New I. D. Seat Co., Rohrerstown, Pa.
 Newton W. H. & Son, Cortland, N. Y.
 Ohio Seat Co. (Seats), 1964 Central av, Cincinnati, O.
 Perkins Isaiah W., Lynn, Mass.
 Prouty & Glass Carriage Co., Wayne, Mich.
 Sidney Mfg. Co., Sidney, O.
 Union City Body Co., Union City, Ind.
 Wright Carriage Body Co., Moline, Ill.
 York Wagon Gear Co., York, Pa.

Boiler Arches

See Brick, Boiler Arch & Setting

1003—Boiler Brace Mfrs.

Bethlehem Steel Co., So Bethlehem, Pa.
 Castle A. M. & Co., 1300 N Branch, Chicago, Ill.
 Central Iron & Steel Co., Harrisburg, Pa.

Lukens Steel Co., Coatesville, Pa.
Ryerson Jos. T. & Son ("McGregor"), 2558
 W 16th, Chicago, Ill.
 Scully Steel & Iron Co. (Weldless), 2364
 S Ashland av, Chicago, Ill.
 Ulster Iron Works, Dover, N. J.

Boiler Cleaners

See Cleaners, Boiler Flue & Tube

1004—Boiler Compounds

Albion Mfg. Co., Seattle, Wash.
 American German Boiler Compound Co.,
 30 N. Dearborn, Chicago, Ill.
 American Oil & Lubricant Works
 ("Brown"), Rochester, N. Y.
 Arlington Mfg. Co. (Vegetable), Canton, O.
 Arrow Boiler Compound Co. ("Arrow"),
 Laclede bldg, St. Louis, Mo.
 Atlas Preservative Co., 95 Liberty, New
 York
 Barrum Bros. Co. ("Electric"), Troy, N. Y.
Belden A. G. & Co. ("Chrome"), 145
 Maiden Ia, New York
 Beltine Chemical & Mfg. Co., 401 N San-
 gamon, Chicago, Ill.
 Binghamton Boiler Compound Co. ("Py-
 ramid"), Binghamton, N. Y.
 Bird-Archer Co. ("Bird-Archer"), 90
 West, New York
 Black Bear Co., 138 Temple, Long Island
 City, N. Y.
 Brewer & Co. ("Perfection"), Worcester,
 Mass.
 British-American Chemical Co. ("Bri-
 sam"), Paterson, N. J.
 Buckeye Chemical Co., Chamber of Com-
 merce, Detroit, Mich.
 Champion Compound Co., Lehigh av &
 Mutter, Phila., Pa.
 Champion Oil Co., 633 W 39th, Chicago, Ill.
 Cherry Chemical Co. ("Red Seal"), 1018
 Callowhill, Phila., Pa.
 Chesterton A. W. Co. ("Challenge," "Vu-
 lite"), 64 India, Boston, Mass.
 Cleveland Mfg. & Supply Co. ("Cleve-
 land"), Wade bldg, Cleveland, O.
 Continental Chemical Co. ("C. C. C."), 119
 S 4th, Phila., Pa.
 Coralline Drug & Chemical Co. ("Coral-
 line"), 465 Greenwich, New York
 Corliss Mfg. & Supply Co. ("C. C. C.")
 1906 Olive, St. Louis, Mo.
 Cortland Specialty Co. ("Banner"), 174
 Railroad, Cortland, N. Y.
 Crescent Oil & Supply Co., 303 Main, St.
 Louis, Mo.
 Croscup I. O., 24 California, San Fran-
 cisco, Cal.
 Curry Bros. Oil Co., 253 Franklin, Boston,
 Mass.
 Dearborn Chemical Co., 332 S Michigan av,
 Chicago, Ill.
DIXON JOSEPH, CRUCIBLE CO., Jersey
 City, N. J. *See adv index at end of book*
 Doermann-Roehrer Co. ("Do Ro"), 318 E
 3rd, Cincinnati, Ohio
 Economy Boiler Compound Co., Flatiron
 bldg, New York
 Favorite Boiler Compound Co., 8568 Vine
 av, Chicago, Ill.
 Federal Graphite Mills ("Federal"
 Graphite), 2639 E 79th, Cleveland, O.
 Gallaway G. W. ("Heichstadter's"), 322
 Pearl, New York
 Garratt-Callahan Co. ("Magic"), 27 S Clin-
 ton, Chicago, Ill.
 German-Compound Co. ("German-Com-
 pound"), 20 N Market, Boston, Mass.
 Globe Boiler Compound Co. ("Case"),
 Binghamton, N. Y.
 Grasselli Chemical Co. (Tri-Sodium Phos-
 phate), Guardian bldg, Cleveland, O.
 Great Falses Chemical Co., Appleton, Wis.
 Great Western Oil Co., Cleveland, O.
 Griffiths A. J. & Son, 3526 Gtn. av, Phila.,
 Pa.
 Halsall Geo., Jamestown, N. Y.
 Harris A. W. Oil Co., 326 S Water, Provi-
 dence, R. I.
 Hawk-Eye Compound Co., 357 W 63rd,
 Chicago, Ill.
 Hayner Norman C. Co., Rochester, N. Y.
 Howard Chemical Co. ("Scale-Off"), 63
 Fulton, New York
 Illinois Boiler Cleaning Compound Co.
 ("Illinois"), 1338 N La Salle, Chicago,
 Ill.
 Imperial Chemical Co., 514 N American,
 Phila., Pa.
 Indianapolis Chemical Co. ("Acme,"
 "Star"), 1444 Madison av, Indianapo-
 lis, Ind.
 International Boiler Cleaning Co. ("Sca-
 line"), 343 N Calvert, Baltimore, Md.

International Boiler Compound Co., 144 W
 Austin av, Chicago, Ill.
 Ironsides Co. ("Ironsides" Scale Solvent
 Shield), Columbus, O.
 Jewell Engineering Co. ("Jewell," Tablet
 Method), Monadnock blk, Chicago, Ill.
 Johnson Compound & Supply Co., Roches-
 ter, N. Y.
 Keasbey & Mattison Co., Ambler, Pa.
 Kelly Graphite Mills ("Kelco" Boiler
 Graphite), 355 W 26th, New York
 Kentucky Consumers' Oil Co., Louisville,
 Ky.
 Keystone Lubricating Co. ("Keystone"),
 21st & Lippincott, Phila., Pa.
 Kuhne-Libby Co. ("Marvel"), 51 Front,
 New York
 Lake Erie Mfg. Co. ("Red Star"), Buf-
 falo, N. Y.
 Lewis H. Co. ("Climax"), 832 Washington
 blvd, Chicago, Ill.
 Lord Geo. W. Co., 2238 N 9th, Phila., Pa.
 Lord Henry Chemical Co. ("Lord's"), 1628
 Moreland av, Baltimore, Md.
 Lubricating Metal Co., 188 1st, Jersey City,
 N. J.
 Lynch-Clarisey Co., 3211 S Wood, Chicago,
 Ill.
 Lynch Wm., 32 Bay, Brooklyn, N. Y.
 McVicker W. B. Co., 115 B'way, New York
 Magnolia Boiler Compound Co., 106 E 2d,
 Cincinnati, O.
 Miami Boiler Compound Co., 505 Elm, Cin-
 cinnati, O.
 Minnesota Boiler Compound Co., 248 Fair-
 field av, St. Paul, Minn.
 Modoc Co., Fernwood, Pa.
 Mohawk Refining Co. ("Mohawk"), 1187
 W 11th, Cleveland, O.
 Moore Vegetable Boiler Purger Co., 35
 Bates, Detroit, Mich.
 National Mill Supply Co. ("Star"), Fort
 Wayne, Ind.
 Nebraska Compound & Oil Co., Omaha,
 Neb.
 New Era Mfg. Co. ("New Era" Soluble
 Metal), Kalamazoo, Mich.
 Northrop Lubricating Oil Co. ("Famous"),
 308 N Commercial av, St. Louis, Mo.
 Nuhring Chas. & Bro. ("Victor," "Suc-
 cess"), 1212 Walnut, Cincinnati, O.
 O'Neil Oil & Paint Co. ("O'Neils"), 297 E
 Water, Milwaukee, Wis.
 Parsons J. H. ("A. B. C." Alkali), 122 S
 Michigan av, Chicago, Ill.
 Patapsco Oil & Grease Co. ("Perfection"),
 109 Cheapside, Baltimore, Md.
 Perolin Co. of America ("Perolin"), 1112
 W 37th, Chicago, Ill.
 Preservaline Mfg. Co., 854 Lorimer, Brook-
 lyn, N. Y.
 Read Edward B., 212 9th, San Francisco,
 Cal.
 Reed & Duecker, Memphis, Tenn.
 Reliance Oil & Grease Co., 50 South, New
 York
 Rhoads Irwin G., Manhattan bldg, Phila.,
 Pa.
 Riebe Green Soap Co., Seattle, Wash.
SCAIFE WM. B. & SONS CO., First Na-
 tional Bank bldg, Pittsburgh, Pa., &
 26 Cortland, New York
See adv index at end of book
 Scribner Boiler Compound Co., 315 N
 Wood, Chicago, Ill.
 Smith E. A. Hamilton, Ohio
 Star Lubricating Oil Co. ("Excelsior"),
 8714 B'way, Cleveland, O.
 Star Oil Co. ("Acme"), 440 N Halsted,
 Chicago, Ill.
 State Mfg. Co. ("Melta Cotta"), 3545 E
 76th, Cleveland, O.
 Stephenson Mfg. Co. ("Stephenson"), Al-
 bany, N. Y.
 Straus Boilerine Co. ("Boilerine"), 50
 Church, New York
 Street J. D. & Co. ("Lightning"), 809 N
 2nd, St. Louis, Mo.
 Stuart D. A. & Co., 29 S La Salle, Chicago,
 Ill.
 Sullivan Oil Co. ("Sullivan's Economic"),
 413 Wells, Chicago, Ill.
 Superior Chemical & Engineering Co., 3905
 Irving Pk. pl, Chicago, Ill.
 Sur-Coat Mfg. Co., 149 Jefferson av, De-
 troit, Mich.
 Tegufilm Chemical Mfg. Co. ("Tegufilm"),
 Syracuse, N. Y.
 Thompson Walter M., 1427 Plum, Cin-
 cinnati, O.
 Thomsen Chemical Co. ("Bosalt"), Mun-
 sey bldg, Baltimore, Md.
 U. S. Chemical Co., 3621 Lakeside av,
 Cleveland, O.
 U. S. Graphite Co. (Graphite), Saginaw,
 Mich.

Virginia Consolidated Chemical Corp.,
 100 B'way, New York
 Wadhams Oil Co. ("Eureka"), 215 Na-
 tional av, Milwaukee, Wis.
 Warley Thos. C. & Co., 227 S Front, Phila.,
 Pa.
 Warren & Bailey Mfg. Co. ("Acme"), 359
 N Main, Los Angeles, Cal.
 Western Boiler Compound & Chemical Co.,
 Gumbel bldg, Kansas City, Mo.
 Williams Joseph Co., Sharpsburg, Pa.
 Williamson D. D. & Co., 86 Fulton, New
 York
 Winn Wm. R. ("Winn"), 143 Maiden Ia,
 New York
 World Refining Co., Easton, Pa.
 Young Boiler Compound Co., Castasauqua,
 Pa.
 Zurn O. F. Co. ("Peerless"), Broad & Le-
 high av, Phila., Pa.

1005—Boiler Dealers

See Machinery Dealers

1006—Boiler Flue Heads & Man- holes (Dished, Flanged, Etc.)

Central Iron & Steel Co. (Open Hearth
 Flanged), Harrisburg, Pa.
 Glasgow Iron Co. (Pressed Open Hearth
 Steel), Pottstown, Pa.
 Lukens Steel Co. (Open Hearth Steel),
 Coatesville, Pa.
 Munroe R. & Sons Mfg. Corp., 23rd &
 Smallman, Pittsburgh, Pa.
Ryerson Jos. T. & Son, 2558 W 16th, Chi-
cago, Ill.
 Scully Steel & Iron Co., 2364 S Ashland
 av, Chicago, Ill.
 Wickes Boiler Co., Saginaw, Mich.
 Worth Bros. Co. (Open Hearth Steel),
 Coatesville, Pa.

Boiler Flue & Tube Cleaners

See Cleaners, Boiler Flue & Tube

1007—Boiler Fronts & Castings

BUFFALO FOUNDRY & MACHINE CO.,
 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Cambridge Iron Works, Cambridge, Mass.
 Casey-Hedges Co., Chattanooga, Tenn.
 Chickasaw Mach. & Fdry. Co., Memphis,
 Tenn.
 Clarage Fan Co., North & Porter, Kala-
 mazoo, Mich.
 Coatesville Foundry & Machine Co., Coat-
 esville, Pa.
 Columbus Iron Works, Columbus, Ga.
 Eddy R. M. Fdry. Co., 372 W Grand av,
 Chicago, Ill.
 Erie Engine Works, Erie, Pa.
 Farrar & Trefts, Buffalo, N. Y.
 Freeman Mfg. Co., Dept O, Racine, Wis.
 Frost Mfg. Co., Galesburg, Ill.
GODFREY-KEELER CO., 70 Warren,
New York *See adv index at end of book*
 Grote F. Mfg. Co., Evansville, Ind.
 Harrisburg Mfg. & Boiler Co., Harrisburg,
 Pa.
 Hartley Boiler Works, Montgomery, Ala.
 Howell R. R. & Co., 31st av, Minneapolis,
 Minn.
 Ironton Punch & Shear Co., Ironton, O.
 Janney & Co., Montgomery, Ala.
 Johnston Bros., Ferrysburg, Mich.
 Keeler E. Co., Williamsport, Pa.
 Kelly Foundry & Machine Co., Goshen,
 Ind.
 Kenny Boiler & Mfg. Co., 6th & Locust,
 St. Paul, Minn.
KUTZTOWN FOUNDRY & MACHINE CO.
 (For all kinds of Boilers), 1421 Chest-
 nut, Phila., Pa.
See adv index at end of book
 Lookout Boiler Mfg. Co., Chattanooga,
 Tenn.
 McNaull Boiler Mfg. Co., Toledo, O.
MACKINNON BOILER & MACHINE CO.,
 218 N Water, Bay City, Mich.
See adv index at end of book
 Memphis Machine Works, Memphis, Tenn.
 Munroe R. & Sons Mfg. Corp'n, 23d &
 Smallman, Pittsburgh, Pa.
 Murray Iron Works Co., Central av &
 Washington, Burlington, Ia.
 Niver Iron Works Co., Muscatine, Ia.
 Nurdyke & Marmon Co., 1290 Kentucky
 av, Indianapolis, Ind.
 Odum-Taylor Boiler Co., Memphis, Tenn.
 Patch S. B. & Sons Co., Streator, Ill.
 Paxton & Vierling Iron Works, Omaha,
 Neb.

Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg, Phila., Pa. Works: Lebanon, Pa.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
 Southern Boiler & Tank Works, Memphis, Tenn.
 Southern Engine & Boiler Works, Jackson, Tenn.
 Thacher Geo. H. & Co., Albany, N. Y.
 Toledo Foundry & Machine Co., Toledo, O.
 Vulcan Iron Works, Wilkes-Barre, Pa.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Wickes Boiler Co., Saginaw, Mich.

1007a— *Boiler Graphite

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. *See adv index at end of book*

1008-9—Boiler Heads (Flanged & Dished)

See also Boiler Heads, Pressed Steel
CENTRAL IRON & STEEL CO. (Pressed Steel), Harrisburg, Pa.
 Glasgow Iron Co. (Open Hearth Pressed Steel), Pottstown, Pa.
 Keeler E. Co., Williamsport, Pa.
 Kittoe Boiler & Tank Co. Inc., Canton, O.
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.
 Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
 Riter-Conley Co., Pittsburgh, Pa.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Scully Steel & Iron Co., 2364 S Ashland av, Chicago, Ill.
 Standard Boiler & Plate Iron Co. (Up to 96 in. Dia.), Niles, O.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
 Wickes Boiler Co., Saginaw, Mich.
 Worth Bros. Co. (Pressed Steel), Coatesville, Pa.

1010—*Boiler Makers' Tools (Kitchen)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

1011—*Boiler Mountings (For Portable Boilers)

ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

1012—*Boiler Purifying Apparatus

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1013—Boiler Saddles (Pressed Steel)

Castle A. M. & Co., 1300 N Branch, Chicago, Ill.
 Central Iron & Steel Co., Harrisburg, Pa.
 Glasgow Iron Co., Pottstown, Pa.
 Lukens Steel Co. ("Huston" Weldless), Coatesville, Pa.
 Wickes Boiler Co., Saginaw, Mich.
 Worth Bros. Co., Coatesville, Pa.

1014—Boiler Settings (Steel)

Casey-Hedges Co., Chattanooga, Tenn.
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.
 Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
 Southern Boiler & Tank Works Co., Memphis, Tenn.
 Tomahawk Steel & Iron Works ("Ashley" Improved), Tomahawk, Wis.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Wickes Boiler Co., Saginaw, Mich.

1015—Boiler Shells (Automobile)

American Welding Co. (Seamless Welded), Carbondale, Pa.
 Hungerford U. T. Brass & Copper Co. (Copper), 80 Lafayette, New York
PRESSED STEEL TANK CO. (Seamless Steel), 58th & Greenfield av, Milwaukee, Wis. *See adv index at end of book*
 Randolph-Clowes Co. (Copper), Waterbury, Conn.

1016—Boiler Stands (Range)

Advance Mfg. Co., Erie, Pa.
 Casey-Hedges Co., Chattanooga, Tenn.
 Central Foundry Co. ("Murphy," "Universal" & "Lockwood"), 90 West, New York
 Crestline Mfg. Co. (Cast Iron), Crestline, O.
 Early Foundry Co. (Knock-Down), Dickson City, Pa.
 Essex Foundry, Murray, Newark, N. J.
 Fleck Bros. Co., 44 N 5th, Phila., Pa.
 Gregory Thos. Galvanizing Works (Galvanized), 263 N Henry, Brooklyn, N. Y.
 Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
 Hugo Mfg. Co. ("Hawks"), Duluth, Minn.
 Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.
 Lawler Regulator Co. (Adjustable), 55 W Houston, New York
 Modern Iron Works ("M. I. W."), Quincy, Ill.
 Swett A. L. Iron Works, Medina, N. Y.

1017--Boiler Washing & Testing Apparatus & Systems

Miller F. W. Heating Co., McCormick bldg, Chicago, Ill.
 Nathan Mfg. Co., 416 E 106th, New York
 National Boiler Washing Co., Ry Exch bldg, Chicago, Ill.
 Rue Mfg. Co., 228 Cherry, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1018—Boilers (Automobile)

Bigelow Co. (Fire Tube), New Haven, Conn.
 Murray & Tregurtha Co. (Water Tube), 340 W 1st, Boston, Mass.
 Pressed Steel Tank Co. (Pressed Steel), 58th & Greenfield av, Milwaukee, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
 Steam Carriage Boiler Co. (Also for Yachts), Oswego, N. Y.

Boilers (Bath)

See Boilers, Range, Galvanized Iron

1019—Boilers (Bleaching)

BIGGS BOILER WORKS CO. (Rotary Globe & Cylinder), Case av & Williams, Akron, O.
See adv index at end of book
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.

1020—*Boilers (Car Heating)

Manitowoc Engineering Works, Manitowoc, Wis.

1020a—Boilers (Down Draft)

AMERICAN RADIATOR CO. ("Ideal," "Arco"), 820 So. Michigan av, Chicago, Ill.
 Gurney Heater Mfg. Co. ("Gurney"), 188 Franklin, Boston, Mass.
 Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
 Molby E. C., 101 Park av, New York
 Peerless Heater Co., 7 Wood, Pittsburgh, Pa.
 Surrell Down Draft Boiler Co., 101 Park av, New York

1021—Boilers (Egg, Automatic)

Berger & Hawden Mfg. Co., ("Baby Grand" Folding) Homestead, Pa.
 Curtis, Espy & Co., 1600 Fulton, Chicago, Ill.

1022—Boilers (Egg, Electric)

Presto Electrical Mfg. Co. ("Presto"), 323 Geary, San Francisco, Cal.

1023—Boilers (Farm)

Bovee Furnace Works ("Kaiser"), Waterloo, Ia.
 Buch's A. Sons Co. ("Farmers' Friend"), Elizabethtown, Pa.
 Donaldson Bros. ("Donaldson"), Mt. Clemens, Mich.
 Eddy W. Plow Co. ("Eddy"), Greenwich, N. Y.
 Freeland Steel Tank Co. ("Freeland"), Portage, Wis.
 Gehl Bros. Mfg. Co. ("Gehl"), West Bend, Wis.
 Heesen Bros. Co. ("Heesen"), Tecumseh, Mich.
 Heller-Aller Co., Napoleon, O.
 Holt Mfg. Co. ("Holt"), Stockton, Cal.
 Leffel James & Co. ("Leffel"), 500 Lagonda av, Springfield, O.
 Moore Plow & Implement Co. ("Moore"), Greenville, Mich.
 Sperry D. R. & Co. ("Sperry"), Batavia, Ill.
 Wickes Boiler Co., Saginaw, Mich.

1024-5—Boilers (Fire Engine)

Koven L. O. & Bro. (Seamless Welded), 154 Ogden av, Jersey City, N. J.

1026—Boilers (Gas Fired)

Diamond Machine Co. ("Diamond"), 3d & Vine, Cincinnati, O.
 Eclipse Fuel Engineering Co. ("McKee" Automatic, ¾ to 12 H. P.), 100 Forbes, Rockford, Ill.
 Springfield Boiler Co., Springfield, Ill.

1027—Boilers (Ham)

Indiana Hollow Ware Co. (Cast Iron Underground or Enameled), Jeffersonville, Ind.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Sperry D. R. & Co., Batavia, Ill.

Boilers (House Heating)

See Heaters, Steam & Hot Water

1028—Boilers (Locomotive, Fire Box)

Brennan Jno. & Co. ("Detroit"), 24th & M. C. R. R., Detroit, Mich.
 Bros Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
 Brownell Co., Dayton, O.
 Casey-Hedges Co., Chattanooga, Tenn.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Connelly D. Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, O.
 Davenport Locomotive Works (High Pressure), Davenport, Ia.
DOVER BOILER WORKS, Sales offices: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
 Fairbanks Steam Shovel Co., Marion, O.
 Farquhar A. B. Co., Ltd., York, Pa.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
 Hartley Boiler Works, Montgomery, Ala.
 Johnston Bros., Ferrysburg, Mich.
 Kewanee Boiler Co., Kewanee, Ill.
 Kingsford Foundry & Machine Works, Oswego, N. Y.
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Manitowoc Boiler Works Co., Manitowoc, Wis.
 Murray Iron Works Co., Burlington, Ia.
 Nagle Engine & Boiler Works, Erie, Pa.
 O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
 Oil City Boiler Works, Oil City, Pa., & 50 Church, New York
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pennsylvania Boiler Works, Erie, Pa.
 Smith Samuel & Son Co., Paterson, N. J.
 Star Drilling Machine Co., Akron, O.
 Titusville Iron Co. ("Acme"), Titusville, Pa.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Wickes Boiler Co., Saginaw, Mich.

Boilers (Low Pressure)

See Heaters, Steam & Hot Water

1029— Boilers (Marine)

See also Boilers, Tubular

Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
 American Boiler Works, Erie, Pa.
 Atlantic Works, 80 Border, E Boston, Mass.
 Babcock & Wilcox Co., 85 Liberty, New York
 Bath Iron Works, Ltd., Bath, Me.
 Boston Engineering Co., 308 Atlantic av, Boston, Mass.
 Brennan John & Co., 24th & M. C. R. R., Detroit, Mich.
 Cahill W. S. Co., ft of Webster, Baltimore, Md.
 Camden Anchor-Rockland Machine Co., Rockland, Me.
 Casey-Hedges Co. (Scotch, Leg & Special), Chattanooga, Tenn.
 Central Boiler Works, 3rd & Congress, Detroit, Mich.
 Codd E. J. Co., 700 S Caroline, Baltimore, Md.
 Columbiana Boiler Co., Columbiana, O.
 Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
 Detroit Shipbuilding Co. (Scotch & Fire Box) Brass Dept., Detroit, Mich.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
 Dubuque Boat & Boiler Works, Dubuque, Iowa
 Duncan Co. (Steam), Toledo, O.
 East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
 Fairbanks Steam Shovel Co. (Scotch Type), Marion, O.
 Farrar & Trefs, Buffalo, N. Y.
 Fitzgibbon Boiler Co. (Vertical), Oswego, N. Y.
 Fletcher W. & A. Co., Hoboken, N. J.
 Fore River Shipbuilding Corp., Quincy, Mass.
 Freeman Mfg. Co., Dept. O., Racine, Wis.
 Gas Engine & Power Co., & Chas L. Seabury & Co., Morris Heights, New York
 Gillie Machine Co., Tonawanda, N. Y.
GODFREY-KEELER CO., 70 Warren, New York. *See adv index at end of book*
 Great Lakes Engineering Works, Detroit, Mich.
 Harlan & Hollingsworth Corp., ft of West, Wilmington, Del.
 Hartley Boiler Works, Montgomery, Ala.
 Heipershausen Bros., 72 Mangin, New York
 Hodge Boiler Works, 99 Summer, E Boston, Mass.
 International Boiler Works Co., East Stroudsburg, Pa.
 Ironton Punch & Shear Co. (River Only), Ironton, O.
 Jackson & Church Co., Saginaw, Mich.
 Johnston Bros., Ferrysburg, Mich.
 Kingsford Foundry & Machine Works, Oswego, N. Y.
 Lauson J. Mfg. Co., New Holstein, Wis.
 Leslie, Elliott & Co., Paterson, N. J.
 Logan Iron Works, 54 Commercial, Brooklyn, N. Y.
 McIlvain & Spiegel Boiler & Tank Co., Lawrence & Pearl, Cincinnati, O.
 Manistee Iron Works Co., Manistee, Mich.
 Manitowoc Boiler Works Co., Manitowoc, Wis.
 Manitowoc Engineering Works (Scotch, Dry & Tubular), Manitowoc, Wis.
 Marine Boiler Works Co., Toledo, O.
 Merrill-Stevens Co., Jacksonville, Fla.
 Morris I. P. Co., Beach & Ball, Phila., Pa.
 Monroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
 Murray Iron Works Co. (Tubular & Internal Furnace, etc), Central av & Washington, Burlington, Ia.
 New London Marine & Iron Works, New London, Conn.
 New York Shipbuilding Co., Camden, N. J.
 Oldman Boiler Works (Upright), 38 Illinois, Buffalo, N. Y.
 Optenberg Iron Works, Sheboygan, Wis.
 Perth Amboy Dry Dock Co., Perth Amboy, N. J.
 Phoenix Iron Works Co., Meadville, Pa.
 Portland Co., Portland, Me.
 Puget Sound Boiler Works, Seattle, Wash.
 Pusey & Jones Co., ft Poplar, Wilmington, Del.
 Quintard Iron Works Co., 742 E 12th, New York
 Roberts Safety Water Tube Boiler Co., 39 Cortlandt, N. Y.

Rodgers Boiler & Burner Co. (Internally Fired), Muskegon, Mich.
 Seattle Boiler Works, Ballard, Seattle, Wash.
 Shewan James & Son, 10 Bridge, New York
 Smith Samuel & Son Co., Paterson, N. J.
 Smith & McCoy, Norfolk, Va.
 Spedden Shipbuilding Co., Boston & Kenwood, Baltimore, Md.
 Speirs Bros., New London, Conn.
 Sprenger Joseph & Sons, Detroit, Mich.
 Springfield Boiler Co., Springfield, Ill.
 Talbot Boiler Co., 120 Liberty, New York
 Townsend Iron Works, 2 Erie Basin, Brooklyn, N. Y.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Valk & Murdoch Co., Charleston, S. C.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Waterloo Steam Boiler Works, Waterloo, Ia.
 Wickes Boiler Co., Saginaw, Mich.
 Woodman Andrew W. & Co., West De Pere, Wis.

1030—Boilers (Oil Well Drilling)

Columbiana Boiler Co., Columbiana, O.
 Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.

1031—Boilers (Portable, on Wheels)

Byers Jno. F. Machine Co. (Vertical), 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Casey-Hedges Co., Chattanooga, Tenn.
 Chandler & Taylor Co., Indianapolis, Ind.
 Columbiana Boiler Co., Columbiana, O.
 Erie City Iron Works, Erie, Pa.
 Frick Co., Waynesboro, Pa.
GODFREY-KEELER CO. ("Cornish"), 70 Warren, New York
See adv index at end of book
 Leffel James & Co., 500 Lagonda, Springfield, O.
 Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Producers Supply Co., Franklin, Pa.
 Southern Engine & Boiler Works, Jackson, Tenn.
 Titusville Iron Co., Titusville, Pa.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
 Warren City Tank & Boiler Co., Warren, O.
 Wickes Boiler Co., Saginaw, Mich.

1032—Boilers (Range, Copper)

Badger E. B. & Sons Co., 77 Pitts, Boston, Mass.
 Blessing C. A., 516 Montgomery av, Phila., Pa.
 Boston Copper Works Co., E Boston, Mass.
DAHLQUIST MFG. CO. ("Boston"), 40 W 3d, S Boston, Mass.
See adv index at end of book
 Gerstein Bros. & Cooper, 3 W 3d, S Boston, Mass.
 Hayes Mfg. Co. ("Wilhelme," "Modern" & "Manhattan"), Paterson, N. J.
 Moriarty G. J., 28 Harvard, Boston, Mass.
 Mott J. L. Iron Works ("No-Seam"), Trenton, N. J.
 Randolph-Clowes Co. (Brown Bros. "Seamless"), Waterbury, Conn.
 Trageser John Steam Copper Works, 447 W 26th, New York

1033—Boilers (Range, Galvanized Iron)

Aird-Don Co. ("Trojan"), Troy, N. Y.
 Cahill, Swift Mfg. Co. ("Crescent"), 20 S 12th, St. Louis, Mo.
 Carroll Patrick & Son, 1406 Fairmount av, Phila., Pa.
 Case W. A. & Sons Mfg. Co. (Welded), Buffalo, N. Y.
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Detroit Range Boiler Co. ("Star"), 619 24th, Detroit, Mich.
 Economy Heater Co., 108 S La Salle, Chicago, Ill.
 Fleck Bros Co. ("Never Leak"), 44 N 5th, Phila., Pa.

Haines, Jones & Cadbury Co. ("Hajoca," "Leader," "Pointer," "Quaker City"), 1136 Ridge av, Phila., Pa.
 Harney Wm., 1349 N Warnock, Phila., Pa.
 Heller, Aller & Co., Napoleon, O.
 Hibbs E. A., Bread & Quarry, Phila., Pa.
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
 Johnson J. D. Co., 54 Cliff, New York
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Meurer Bros. Co. ("Columbia," Combination Gas), 575 Flushing av, Brooklyn, N. Y.
 Mott J. L. Iron Works, Trenton, N. J.
 Pennsylvania Range Boiler Co., 2024 N 10th, Phila., Pa.
 Riverside Boiler Works, Cambridge, Mass.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
 Thompson Iron Works, 1825 Callowhill, Phila., Pa.
 Trageser John Steam Copper Works ("Graves"), 447 W 26th, New York
 Walls, Owen & Stambach Co. ("Ajax," "Kineo," "Monitor"), 11th & Hamilton, Phila., Pa.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
 Wood John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

1034—Boilers (Return Tubular)

Bass Foundry & Machine Co. Fort Wayne, Ind.
BEGGS JAMES & CO., 30 Warren, New York
 Bigelow Co., New Haven, Conn.
 Brownell Co., Dayton, O.
 Casey-Hedges Co., Chattanooga, Tenn.
 Coatesville Boiler Works, Coatesville, Pa.
 Codd E. J. Co., 700 S Caroline, Baltimore, Md.
 Cole R. D. Mfg. Co., Newnan, Ga.
 Dillon D. M. Steam Boiler Works, Fitchburg, Mass.
DOVER BOILER WORKS, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
 Erie City Iron Works ("Economic," Horizontal), Erie, Pa.
 Freeman Mfg. Co., Dept. O., Racine, Wis.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
 Hartley Boiler Works, Montgomery, Ala.
 International Boiler Works Co., East Stroudsburg, Pa.
 Keeler E. Co. ("Keeler"), Williamsport, Pa.
 Kensington Engine Works Co., Beach & E Berks, Phila., Pa.
 Kewanee Boiler Co., Kewanee, Ill.
 Leffel James & Co., 500 Lagonda, Springfield, O.
 Leslie, Elliott & Co., Paterson, N. J.
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.
 McCabe E. & Co., Lawrence, Mass.
 Manitowoc Boiler Works Co., Manitowoc, Wis.
 Pennsylvania Boiler Works, Erie, Pa.
 Petty J. K. & Co., Lebanon, Pa.
 Phoenix Iron Works Co., Meadville, Pa.
 Smith Samuel & Son Co., Paterson, N. J.
 Springfield Boiler Co., Springfield, Ill.
 Topeka Steam Boiler Works, Topeka, Kansas.
 Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
 Ward Chas. Engineering Works (Wrought Steel), Charleston, W. Va.
 Waterloo Steam Boiler Works, Waterloo, Ia.
 Wilson Steam Boiler Co., Omaha, Neb.
1035—*Boilers (Rotary Bleaching)
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
1036— Boilers (Steam)
 See Boilers, Tubular; also Boilers, Water Tube; also Heaters, Steam & Hot Water
1037-8—Boilers (Steam, Seamless Welded)
 American Welding Co., Carbondale, Pa.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

1039— Boilers (Tubular)

See also Boilers, Water Tube; also Heaters, Steam & Hot Water

ALABAMA.

BIRMINGHAM—Crawford Boiler & Locomotive Works
Schaefer Mfg. Co.
Webber Iron Works
MOBILE—Gulf City Boiler Works Co.
MONTGOMERY—Hartley Boiler Works
SELMA—Union Iron Works Co.

ARKANSAS.

BRINKLEY—Farrell Machine & Boiler Works
FORT SMITH—Breslin Boiler & Iron Works
Ketcham Iron Co.

CALIFORNIA.

CHICO—Diamond Match Co. (Engineering Dept)
COALINGA—Crescent Iron Works
LOS ANGELES—Baker Iron Works
Fulton Engine Works
Pioneer Boiler & Machine Works
Union Iron Works
Western Boiler & Steel Co.
OAKLAND—United Iron Works
SACRAMENTO—Phoenix Iron & Boiler Works
SAN FRANCISCO—Bay City Iron Works, 1243 Harrison
Brode Iron Works, 37 Hawthorne
California Boiler Works, 526 Howard
Dyer Bros. Golden West Iron Works, 17th & Kansas
Eureka Boiler Works Co. (Marine, Stationary & Locomotive), 166 Fremont
Harron, Rickard & McCone, 139 Townsend
Hendy Joshua Iron Works, 75 Fremont
Keystone Boiler Works, Main & Folsom
Moore & Scott Iron Works, 678 2nd
Moynihan T. J. & Co., 401 Folsom
Union Iron Works Co., 20th & Michigan
STOCKTON—Stockton Iron Works

COLORADO.

BLACK HAWK—Stroehle Machinery & Supply Co.
DENVER—Denver Boiler & Iron Works Co.
Denver Engineering Works Co.
McFarlane Mfg. Co., 3309 Blake
Stearns-Roger Mfg. Co.
PUEBLO—Pueblo Foundry & Machine Co.

CONNECTICUT.

BRIDGEPORT—Bridgeport Boiler Works Co. ("Lowe")
Conn. Marine Boiler Works (B. M. Brennan, Prop.)
McCathron Boiler Works Co.
Porcupine Boiler Co.

HARTFORD—Beach H. B. & Son
NEW HAVEN—Bigelow Co. (Horizontal Return Tubular & Manning Vertical)
New Haven Boiler Works (Sullivan & Hennessy, Prop'rs)
NEW LONDON—Speirs Bros.
PUTNAM—Putnam Foundry & Machine Co.

DELAWARE.

WILMINGTON—Harlan & Hollingsworth Corp. (Marine), ft of West

DISTRICT OF COLUMBIA.

WASHINGTON—Hurley John E., 1219 Ohio av

FLORIDA.

JACKSONVILLE—Merrill-Stevens Co.
ORLANDO—Cain-O'Berry Boiler Co.
PLANT CITY—Plant City Foundry, Machine & Boiler Works
TAMPA—Gulf Boiler Works

GEORGIA.

ATLANTA—Finnigan J. J. & Co.
AUGUSTA—Lombard Iron Works & Supply Co.
COLUMBUS—Columbus Iron Works
MACON—Mallery & Roper Co.
Schofield's J. S. Sons Co.
NEWMAN—Cole R. D. Mfg. Co. (Return Tubular)
SAVANNAH—Kehoe Iron Works
Mingledorff & Co.
Rourke John & Sons

HAWAII.

HONOLULU—Honolulu Iron Works Co.

ILLINOIS.

AURORA—Fox River Boiler & Iron Works
BELLEVIEW—Southern Boiler Works (Isselhardt & Son, Prop'rs)
CHICAGO—Abendroth & Root Mfg. Co. ("Root") (of Newburgh, N. Y., Monadnock blk
Baragwanath Wm. & Son, 1260 W Division
Chicago Ship Building Co. (Marine, etc), 101st & Calumet River
Corbett Geo. E. & Co., 1336 Cortland
Frank R. E. Steam Boiler Co., 6714 S Chicago av
Grand Crossing Boiler Works, 1244 E 73d
Haffner Chas. Co., 2246 S Halsted
Hawkes Boiler Co., 140 S Dearborn
Herbert Boiler Co., 140 Root
Hibben & Co., 9376 Ewing av
Kling Bros. Engineering Works, 1304 Kingsbury
Kroeschell Bros. Co. (Water Tube, Horizontal Return Tubular, Fire & Water Tube), 440 W Erie
McFarland Bros., 5527 S State
Marine Iron Works, 2036 Dominick
Mohr John & Sons, 349 W Illinois
Page Boiler Co., 815 Larrabee
Pratt Henry Co., 2222 S Halsted
Ross Boiler Co., 3600 Shields av
Sharkey & Peck, 2433 W 18th
Superior Machine & Boiler Works, 848 W Superior
Wachs E. H. Co., 149 W Grand
Wildman Boiler Works, 3026 Carroll av
CHICAGO HEIGHTS—Chicago Heights Boiler Works
DANVILLE—Chesley J. L.
GALESBURG—Frost Mfg. Co. (Horizontal & Vertical Tubular)
JACKSONVILLE—Kellogg Bros. & Co.
JOLIET—Heggie James G. & Sons
Heggie Wm.
KEWANEE—Kewanee Boiler Co.
MOLINE—Schilling A. J. & J. G.
PEORIA—Cody Jos. & Sons.
Forbes Boiler & Iron Works
QUINCY—Michelmann Steel Construction Co.
SPRINGFIELD—Springfield Boiler Co.
STREATOR—Jones Wm. B. Boiler Co.

INDIANA.

ALEXANDRIA—Wells Harry M.
BRAZIL—Vanes John Boiler Works Co.
ELWOOD—Diamond L. J.
EVANSVILLE—Holtz F. Co.
FORT WAYNE—Bass Foundry & Machine Co. (Horizontal, Tubular & Water Tube)
INDIANAPOLIS—Chandler & Taylor Co. (Tubular, Upright & Firebox)
Connaughton John P., 540 S Capitol av
Kennedy P. W., 1201 Beecher
National Boiler & Sheet Iron Works
Sinker-Davis Co.
JEFFERSONVILLE—Sweeney M. A. Shipyard & Foundry Co.
LA PORTE—Rumley M. Co.
MADISON—Henry Chas.
Johnson Foundry & Machine Shops
MARION—Superior Boiler Works
MUNCIE—Broderick Co.
Muncie Boiler & Sheet Iron Works
NEW ALBANY—Hegewald Chas. Co.
Zier Boiler & Sheet Iron Co.
TERRE HAUTE—Phoenix Boiler Works Co.
Terre Haute Boiler Works Co.

IOWA.

BOONE—Rocho Bros. & Creswell
BURLINGTON—Murray Iron Works Co. (Tubular & Internal Furnace, etc), Central av & Burlington
CLINTON—Star Boiler Works
DAVENPORT—Grupe John P.
DES MOINES—Globe Machinery & Supply Co.
Iowa Boiler Works (James Owens & Sons, Props.)
McDonnell Boiler & Iron Works
DUBUQUE—Marshall Wm.
MUSCATINE—Garren & Hines
OTTUMWA—McDaniel C. E.
Ottumwa Iron Works
WATERLOO—Waterloo Steam Boiler Works

KANSAS.

ENTERPRISE—Ehram J. B. & Sons Mfg. Co.
KANSAS CITY—Kaw Boiler Works Co.
TOPEKA—Bromich Joseph
Topeka Steam Boiler Works.
WICHITA—Guldaman & Son

KENTUCKY.

LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—American Iron Works
Grainger & Co.
Vogt Henry Machine Co.
Walton C. J. & Son

LOUISIANA.

DONALDSONVILLE—Schroeder A. J.
JEANERETTE—Jeffrey Daniel & Sons
NEW ORLEANS—Dussell, Alex & Co., 416 Erato
Johnson Iron Works (Ltd.), Morgan & Sequin
New Orleans Boiler Works (Jno. H. Murphy, Prop.), 643 Magazine
SHREVEPORT—Parsons P.
THIBODAUX—Thibodaux Boiler Works Co., Ltd.

MAINE.

BANGOR—Union Iron Works
BATH—Bath Iron Works, Ltd.
CAMDEN—Camden Anchor-Rockland Machine Co. (Marine, etc)
HALLOWELL—Fuller's, Geo. Sons
PORTLAND—Estle & O'Brien Boiler Co.
Portland Co. ("Manning," "Dean" Marine & Stationary, Internally Fired), 58 Fore

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Bldg. Co. (Marine Scotch Pattern), Locust Point
Cahill W. S. Co., ft of Webster
Cathell Bros. & Co., Lawrence & E Fort av
Codd E. J. Co., 700 S Caroline
Fluskey J. B., Pier 4, Pratt
McIntyre & Henderson, Key Highway & Warner
McNamara Bros. Co., Haines & Warner
Marine Engine & Boiler Co., Philpot & Point
Novelty Steam Boiler Works (Triplett & Jennings, Props.) (Stationary & Marine), 917 S Howard
Spedden Ship Building Co. (Marine, etc), Boston & Kenwood
CUMBERLAND—McKaig Merwin

MASSACHUSETTS.

BOSTON—Atlantic Works, 80 Border, E Boston
Bertelsen & Petersen Engineering Co., 256 Border
Boston Engineering Co., 308 Atlantic av
Hodge Boiler Works (Marine & Stationary), 99 Sumner, E. B.
Minton Richard, 119 Sumner, E. B.
New England Iron Works Co., Summer
Russell Daniel Boiler Works, 93 Boston
Russell James Boiler Works Co., 307 C
CAMBRIDGE—Cambridge Iron Works
Roberts Iron Works Co.
Robinson A. F. Boiler Works
FALL RIVER—Fall River Boiler Works

MACKINNON BOILER & MACHINE CO.

BOILER-MAKERS, FOUNDERS AND MACHINISTS

Boilers, Tanks, Stacks and every class of Steel Plate and Structural Construction. Light and Heavy Castings and General Machinery for Cement Mills, Chemical Works, Sugar Factories, etc.
Saw Mill Refuse Burners, Water Space and Brick Lined.
Ship-yard Jig Mills.

218-230 N. Water Street

BAY CITY, MICHIGAN

FITCHBURG—Dillon D. M. Steam Boiler Works
 FRAMINGHAM—International Engineering Works, Ltd. (Locomotive Fire Box Portable Internally Fired, etc)
 HOLYOKE—Walsh's Holyoke Steam Boiler Works
 LAWRENCE—McCabe E. & Co. Stafford Wright & Son
 LOWELL—Scannell Boiler Works
 NEW BEDFORD—New Bedford Boiler & Machine Co.
 QUINCY—Fore River Shipbuilding Corp. (Marine, etc)
 SPRINGFIELD—Walsh's Boiler & Iron Works
 WORCESTER—Allen Wm. Sons Co. Stewart Boiler Works

MICHIGAN.

BAY CITY—Bay City Iron Co.
MackINNON BOILER & MACHINE CO., 218 N Water
See adv index at end of book
 CHEBOYGAN—Schwartz Bros. & Co.
 DETROIT—Brennan John & Co., 24th & M C R R
 Central Boiler Works, 3rd & Congress
 Detroit Ship Building Co. (Marine)
 East End Boiler Works (Desner & Ritchie, Props), ("Detroit" Water Tube) 13 St. Aubin av
 Great Lakes Engineering Works (Marine)
 Sprenger Joseph & Sons
 FERRYBURG—Johnston Bros.
 GRAND RAPIDS—Central Boiler & Supply Co.
 Leittelt Adolph Iron Works
 ISHPEMING—Cole W. T.
 JACKSON—Crowley Boiler Works
 KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical)
 Dutton C. H. Co.
 MANISTEE—Manistee Iron Works Co
 MENOMINEE—Fernstrum Frank G
 MUSKEGON—Muskegon Boiler Works (Also Marine)
 Rodgers Boiler & Burner Co.
 OWOSSO—Owosso Boiler Works
 SAGINAW—Bartlett A. F. & Co. Jackson & Church Co. Wickes Boiler Co.
 ST. JOHNS—Richmond & Holmes

MINNESOTA.

DULUTH—CLYDE IRON WORKS (Vertical & Horizontal)
See adv index at end of book
 Gogebic Steam Boiler Works
 Mesaba Boiler & Mfg. Co.
 FERGUS FALLS—Fergus Iron Works Co.
 MANKATO—Mankato Mfg. Co.
 MINNEAPOLIS—Bros Wm. Boiler & Mfg. Co., Nic Island
 Diamond Boiler Works, 2200 N 1st
 ST. PAUL—Kenny Boiler & Mfg. Co., 6th & Locust
 Robertson J. G., 2542 University av
 St. Paul Boiler & Mfg. Co. (Tubular) Water & Walter
 THIEF RIVER FALLS—Johnson Peter
 WINONA—Winona Boiler Co.

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.
 VICKSBURG—Robinson B. J. Vicksburg Boiler & Iron Works

MISSOURI.

JOPLIN—United Iron Works Co.
 KANSAS CITY—City Boiler & Machine Co., Cambridge & Roberts av
 Geis Gustave
 ST. JOSEPH—Augustine T. C. Geis & Bichler
 ST. LOUIS—Continental Boiler & Sheet Iron Works, 1218 S Vendeventer av
 Fritz Geo. J. Foundry & Machine Co. (Upright), 2018 S 3rd
 Nooter Jno. Boiler Works Co., 1400 S 2nd
 O'Brien John Boiler Works Co., 11th & Mullanphy
 Rohan John A. Boiler Works Co., 1915 N 9th
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av
 Wangler Joseph F. Boiler & Sheet Iron Works, 9th & Mullanphy
 SPRINGFIELD—United Iron Works Co.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
 BUTTE—Western Iron Works

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.
 LINCOLN—McAlpine A.
 OMAHA—Drake-Williams-Mount Co. Wilson Steam Boiler Co. (Horizontal & Tubular & Vertical)

NEW HAMPSHIRE.

NASHUA—Spence & Rideout

NEW JERSEY.

BAYONNE—Babcock & Wilcox Co. (See New York City)
 CAMDEN—New York Shipbuilding Co. (Marine)
 DOVER—DOVER BOILER WORKS.
See adv index at end of book
 ELIZABETH—Elizabeth Machine & Iron Works
 HOBOKEN—Fletcher W. & A. Co. (Marine, etc)
 JERSEY CITY—Griscom-Russell Co. (Repairs & Installations also), 72 York
See adv index at end of book
 Koven L O. & Bro., 154 Ogden av
 McLaughlin Thomas, 53 Essex
 Smith Theo. & Sons Co. (Stationery, Marine & Return Tubular), ft Essex
 NEWARK—Bradley John, 304 Ferry
 Gumz Herman Boiler Works, 7 Greenwood Lake R R av

Hewes & Phillips Iron Works ("Manufacturing"), 8 Orange
 McCabe Boiler Works, 195 Commerce
 NEW BRUNSWICK—Prospect Boiler Co.
 PATERSON—East Jersey Pipe Corp. Leslie, Elliott & Co.
 Smith Samuel & Son, 130 R R av
 PERTH AMBOY—Perth Amboy Dry Dock Co. (Marine or Stationary)
 PHILLIPSBURG—Tippett & Wood
 RED BANK—Roberts Safety Water Tube Boiler Co.
 TRENTON—CROSSLEY MACHINE CO., State & Chestnut av
See adv index at end of book
THROPP'S JOHN E. SONS CO. (Marine), ft of Lewis
See adv index at end of book
 Thropp Wm. R. & Sons Co.

NEW YORK.

ALBANY—Nicholson Aaron Skinner & Arnold
 AMSTERDAM—Collins J. H. Boiler Co.
 BINGHAMTON—Shapley & Wells
 BROOKLYN—(See New York City, Borough of Brooklyn)
 BUFFALO—Cousins & Son Boiler Works, 74 Wabash
 Farrar & Trefts
 Howard Bros. Boiler Works, 23 Indiana
 Oldman Boiler Works, 38 Illinois
 Tashenberg Bros., 43 Illinois
 CLYDE—Wood S. W. Engine Co.
 ELMIRA—Elmira Boiler & Iron Works
 GENEVA—Geneva Boiler Works
 GREEN ISLAND—Pinkerton Robert Boiler Works
 HUDSON—Delaney M. B.
 JAMESTOWN—Jamestown Boiler Works
 KINGSTON—Cullum J. & Co.
 LITTLE FALLS—Reddy's M. Sons
 LONG ISLAND CITY—(See New York City, Borough of Queens)
 MORRIS HEIGHTS—Gas Engine & Power Co. & Chas. L. Seabury Co. (Marine & Stationary)
 NEWBURGH—Abendroth & Root Mfg. Co. ("Root")
 Delany P. & Co. (Marine, etc)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Basin Iron Works, Imlay c Summit
 Cunningham Christopher Co., 437 Greenpoint av
 Donohue's P. J. Sons, 108 Wallabout
 Franklin Machine & Steam Boiler Works, 88 Quay
 Gilroy James J., 24th
 Hall & Hurlbert, ft of 24th
 Logan Iron Works, 54 Commercial
 McGibbon Engineering & Iron Works, 14 Columbia
 Manton John, ft of Court
 Meyer Otto C. & Co., 30 Franklin
 Robins Dry Dock & Repair Co., Blurd
 Simpson Robert, 220 Russell

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Boroughs of Manhattan and Bronx.

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Ames Iron Works, 85 Liberty. Works: Oswego, N. Y.
Babcock & Wilcox Co. (Forged Steel), 85 Liberty
DOVER BOILER WORKS, Sales Office: 50 Church. Works: Dover, N. J. See adv index at end of book
Fogarty Michael, 531 W 33d
Fox's Geo. Sons, 511 W 34th
GODFREY-KEELER CO., 70 Warren See adv index at end of book
Gorton & Lidgerwood Co. (Sectional), 98 Liberty
Greenlie-Halliday Co., 499 Water
Hepershausen Bros., 72 Mangin
LIDGERWOOD MFG. CO., 96 Liberty See adv index at end of book
Mitchell Co. (Marine), 621 W 24th
MASON MFG. CO., 71 Fulton. See adv index at end of book
Nichols D. M. Iron Works, 2 Gouvernor st
Quintard Iron Works Co., 742 E 12th
Reid Alex & Co., 165 Charles
Smith A. & Son, 685 11th av
Worthington Watertube Boiler Co., 30 Warren

Borough of Queens.

LONG ISLAND CITY—Collins Wm. P. Co., Creek

(End of New York City)

NYACK—Kane John
OSWEGO—Ames Iron Works (Horizontal & Upright Tubular, Portable on Skids or Wheels "Empire")
Carroll Chas.
Kingsford Fdry. & Machine Works ("Eclipse" Stationary, Marine & Portable)
PHELPS—Collins Iron Works
ROCHESTER—Hall's Sidney Sons
Rochester Tank & Boiler Co.
SYRACUSE—Hennessey Dennis
Mack Bros., 409 Marcellus
Perry Jno. W. & Son
Syracuse Boiler Works
TONAWANDA—American Engine & Boiler Works
Gillie Machine Co.
UTICA—O'Hanlon Thos. & Sons
Utica Steam Engine & Boiler Works
WELLSVILLE—McEwen Bros.

NORTH CAROLINA.

CHARLOTTE—Liddell Co.
Mecklenburg Iron Works

NORTH DAKOTA.

CASSELTON—Sorenson Gilbert
FARGO—Craig Bros.
Fargo Foundry Co.

OHIO.

AKRON—Star Drilling Machine Co.
BARBERTON—Babcock & Wilcox Co. (See New York City)
BUCYRUS—Kelly Mfg. Co.
CINCINNATI—Tudor Boiler Mfg. Co. (Tubular, Horizontal & Vertical), 715 E 3d
CLEVELAND—American Ship Building Co. (Marine), ft of 54th
Connelly D. Boiler Co. (All Kinds)
Cuyahoga Boiler Works, 1206 Main av
Lake Erie Boiler Works, 2503 Elm av
Murphy Boiler Co. (Marine), 2511 Elm av
Ohio Machine & Boiler Co., 1501 University

Teachout H. E. Boiler Works, E 37th & Erie R. R.
Variety Iron & Steel Works Co., Hamilton av & E 40th
COLUMBIANA—Columbiana Boiler Co.
COLUMBUS—Borger Bros. Co., Broad & Scioto
Columbus Steam Boiler & Heater Co.
Eaton Machine Works, 37 S Scioto
Scioto Boiler Works, 37 N Scioto
Union Boiler Works, 67 S Center
COVINGTON—Crampton & Son
DAYTON—Brownell Co. (Portable, Vertical & Return Tubular)
Gem City Boiler Co., 331 Leo
Graves & Marshall Co.
FREMONT—Fremont Steam Boiler Works
IRONTON—Ironton Punch & Shear Co.
LEETONIA—Leetonia Boiler Co.
LIMA—Golley & Finley Iron Works
LORAIN—American Ship Building Co. (Marine) (Lorain Boiler Works)
LOWELLVILLE—Meehan Boiler & Const. Co.
MARIETTA—Elcessor Andrew
Pattin Bros. Co.
MASSILLON—Russell & Co.
MIDDLEPORT—Middleport Boiler Works
NEWARK—Scheidler Machine Works Co.
Tucker & Son Boiler Works
NILES—Standard Boiler & Plate Iron Co. ("Hyde," Vertical Water Tube)
ST. MARYS—St. Marys Machine Co.
SPRINGFIELD—Casey D. L. Machine Co.
Lefel, Jas. & Co. (Stationary, Portable, Horizontal & Vertical, for Farm Implements Only), 500 Lagonda
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Healy Michael
Loos Adam
Marine Boiler Works Co.
Toledo Ship Building Co. (Marine)
WARREN—Warren City Tank & Boiler Co.
WELLSVILLE—Fasset J. E. Boiler Works
YOUNGSTOWN—Pollock Wm. B. Co.
ZANESVILLE—Griffith & Wedge Co.

OKLAHOMA.

TULSA—Tulsa Boiler & Machy. Co.

OREGON.

ALBANY—Albany Iron Works
PORTLAND—East Side Boiler Works (R. W. Orewiler, Prop), ft of E Main
Phoenix Iron Works

PENNSYLVANIA.

ALLENTOWN—Allentown Boiler Works
Heilman Boiler Works
BEAVER FALLS—Beaver Valley Boiler Works
BRADFORD—Bovaird & Co.
Bovaird & Seyfang Mfg. Co. ("Electric")
CHESTER—Berry Engineering Co. ("Berry" Safety)
Wetherill Robert & Co. ("Berry" Safety, Tubular, Flue, Marine & Fire Box)
COATESVILLE—Coatesville Boiler Works (Return Tubular, Stationary, Vertical, etc)
COLUMBIA—Columbia Boiler Works
CONNELLVILLE—Connellsville Iron Works
CONSHOHOCKEN—Bate Wm. T. & Son
CORRY—Corry Steam Boiler Works
EAST STROUDSBURG—International Boiler Works Co. ("Cornish")
ERIE—American Boiler Works
Erie City Iron Works ("Economic" Stationary, Portable, Vertical, Return Tubular, etc)
Erie Engine Works
Nagle Engine & Boiler Works
Pennsylvania Boiler Works
Union Iron Works

FRANKLIN—Jones R. E. & Co.
HAMBURG—Hamburg Boiler Works
HARRISBURG—Harrisburg Mfg. & Boiler Co.
HOLLIDAYSBURG—Madden Boiler Wks.
KENNETT SQUARE—American Road Machinery Co. (Portable & Stationary)
LANCASTER—Bell Boiler & Iron Co.
LEBANON—Petty J. K. & Co. (Return Tubular, Locomotive, Vertical, etc)
Union Boiler & Mfg. Co.
MEADVILLE—Phoenix Iron Works Co.
MONONGAHELA—Monongahela Boiler Works
NEW CASTLE—Fleming's Wm. Sons
OAKDALE—Kinney F.
OIL CITY—Oil City Boiler Works
Ravey Joseph H.
PETROLIA—Barney H. M.
PHILADELPHIA—Baizley John Iron Works, 514 S Delaware av
Cox & Sons Co., 5th & Chestnut
Cramp Wm. & Sons Ship & Engine Building Co. (Marine), Beach & Ball
Ervien C. W. & Co., Venango & G
Gilman Wm., 1110 Beach
McGovern & Smith, 2046 E Lehigh av
Morris I. P. Co., Beach & Ball
Parker Boiler Co., Pennsylvania bldg
Petty J. K. & Co. (Return, Tubular, Locomotive, Vertical, etc), Stephen Girard bldg. Works: Lebanon, Pa.
Quaker City Iron Works, Tioga & Edgmont
Rich J. & G., 120 N 6th
Uniflow Boiler Co., Harrison bldg
Williamson Bros. Co., Aramingo & Cumberland
PHOENIXVILLE—Heine Safety Boiler Co.
PITTSBURGH—Lappan Jas. Mfg. Co.
Long Walter Mfg. Co., 1312 Muriel
Manchester & Co., 3108 Smallman
Munroe R. & Sons Mfg. Corporation (Horizontal), 23d & Smallman
Oil Well Supply Co., 215 Water
Pearson Mfg. Co., 800 Beaver
Rees James & Sons Co., 18 4th
POTTSTOWN—Sotter Bros.
READING—Orr & Sembower (Vertical, Horizontal & Locomotive)
Penn Boiler & Machine Works
Reading Scale & Machine Co.
SCRANTON—Finch Mfg. Co.
SHARPSVILLE—Sharpsville Boiler Works
TATAMY—Messinger Mfg. Co. (Low Pressure)
TITUSVILLE—Titusville Iron Co. (Horizontal, Tubular & Fire Box)
TROY—Troy Engine & Machine Co.
TYRONE—Reader Bros. & Hoffman
WARREN—Struthers-Wells Co. (Horizontal) See adv index at end of book
WASHINGTON—Ryan Michael
WAYNESBORO—Frick Co.
WILKES-BARRE—Vulcan Iron Works
WILLIAMSPORT—Keeler E. Co. ("Keeler")
YORK—Farquhar A. B. Co., Ltd. (Tubular)
Hench & Dromgold ("H. & D.")
Motters Geo. F. Sons

RHODE ISLAND.

PROVIDENCE—Globe Steam Boiler & Iron Works, 349 Eddy
Hicks Boiler Works, 614 S Main
Wholey Boiler Works, 95 Whipple

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works
Riverside Iron Works
Valk & Murdoch Iron Works

SOUTH DAKOTA.

SIOUX FALLS—Harding B. W.
WATERTOWN—Hanten Machine Co.

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co.
Chattanooga Boiler & Tank Co.
Lookout Boiler Mfg. Co.
Sherman Morris Co.
Walsh & Weidner Boiler Co.
JACKSON—Southern Engine & Boiler Works
JOHNSON CITY—Johnson City Boiler & Tank Co.
KNOXVILLE—Dallas B. B.
MEMPHIS—Memphis Boiler Works
Shea Daniel Boiler Works
Southern Boiler & Tank Works Co.
NASHVILLE—Culberts Wm. Sons

TEXAS.

BEAUMONT—Beaumont Iron Works Co.
Dollinger Jno.
DALLAS—Mosher Mfg. Co.
Thrash J. F.
FORT WORTH—Vanzandt-Moore Iron Works
GALVESTON—McDonough Iron Works
HOUSTON—Finucane Boiler Works
Hartwell Iron Works
Tofte Boiler & Sheet Iron Works
Union Iron Works
SAN ANTONIO—Alamo Iron Works
SHERMAN—Washington Iron Works

UTAH.

SALT LAKE CITY—Holmes Samuel
Salt Lake Engineering Works
Silver Bros. Iron Works Co.

VERMONT.

RUTLAND—Holmes Iron Co.

VIRGINIA.

BERKELEY—Old Dominion Marine Railway
BRISTOL—Twin City Boiler Works, Inc.
(Also Boiler Repair Work)
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co.
NORFOLK—Smith & McCoy
RICHMOND—McCabe Geo. & Son.

WASHINGTON.

BELLINGHAM—Reid Bros. Co.
EVERETT—Sumner Iron Works
HOUQUIAM—Houquiam Steam Boiler Works
OLYMPIA—Sofe James
SEATTLE—Commercial Boiler Works
(Fox & Jenkins, Props.)
Hopkins Frank
Oregon Boiler Works (John Foster, Prop)
Puget Sound Boiler Works (Marine & Stationary)
Seattle Boiler Works (Frank Hopkins, Prop)
Standard Boiler Works (Marine, Stationary & Locomotive)
Vulcan Mfg. Co.
Washington Iron Works Co.
SPOKANE—Brown Bros
Cleary J. E.
National Iron Works
TACOMA—Brear S. D. & Son
Puget Sound Iron & Steel Works

WEST VIRGINIA.

CHARLESTON—South Side Fdry. & Machine Works
Vulcan Iron Works
Ward Chas. Engineering Works
HUNTINGTON—Coughenour E. C. Co.
MANNINGTON—Haugh T. M.
WHEELING—Bryan & Bippus

WISCONSIN.

APPLETON—Northern Boiler & Structural Iron Works
ASHLAND—Sanders Robt. E.
GREEN BAY—Hartman-Greiling Co.
JANESVILLE—Ambrose F. O.
JUNEAU—Brieman C. G.
LA CROSSE—La Crosse Boiler Co.
MANITOWOC—Manitowoc Boiler Works Co. (Marine, Stationary, etc)
MILWAUKEE—American Boiler Works
(Jos. Buxbaum, Prop), 287 Virginia
Cream City Boiler Co., 37th av & Lap-ham

Mertes-Miller Co., 239 Lake
Meyer Geo. J. Mfg. Co., 598 Clinton
Milwaukee Boiler Co., 220 Oregon
Milwaukee Reliance Boiler Works,
1102 32d
Murphy Boiler Co., 153 Barclay
Schwab-Le Zotte Boiler Co., 16th & Canal

VILTER MFG. CO., 1046 Clinton
See adv index at end of book

OSHKOSH—Battis Bros.
Reliance Boiler Works
RACINE—Freeman Mfg. Co., Dept O
SHEBOYGAN—Optenberg Iron Works
(Stationary & Marine)
SUPERIOR—Northwestern Boiler Works
TOMAHAWK—Tomahawk Steel & Iron Works
WATERTOWN—Dornfeld-Kunert Co.
WAUSAU—Wausau Iron Works
WEST DE PERE—Woodman Andrew W. & Co.

1040—*Boilers (Vertical)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

1041—Boilers (Wash)

Aldrich Mfg. Co. (Tin & Planished Copper), Buffalo, N. Y.
Atlantic Stamping Co. (Charcoal Tin, Copper Bottoms, etc), 156-180 Ames, Rochester, N. Y.
Badger E.B. & Sons Co. (Copper), 75 Pitts, Boston, Mass.
Bass Joseph, 239 Race, Phila., Pa.
Behrens H. Mfg. Co. ("Never-Bend"), Winaona, Minn.
BERTELS W. B. & SON CO., Wilkes-Barre, Pa.
Central Stamping Co. ("Puritan"), 172 Fulton, New York
Coonley Mfg. Co. ("Clyde"), Cicero, Ill.
Fries Geo. Sons, 222 S Front, Phila., Pa.
GEUDER, PAESCHKE & FREY CO.
(Copper, Galvanized & Tin), Milwaukee, Wis.
See adv index at end of book

Lalace & Grosjean Mfg. Co., 299 Broadway, New York
Lawrence, Bostwick Mfg. Co., Ltd., Phelps, N. Y.
McAleer E. J. & Co. ("McAleer"), 1422 N 8th, Phila., Pa.
Mosheik Philip ("Mosheik"), 1108 S Halsted, Chicago, Ill.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., (Copper, Galvanized & Tin), 411 5th av, New York
New England Enameling Co., Middletown, Conn.
Nichthaus & Levy, 252 Java, Brooklyn, N. Y.
Peoria Can Co., Peoria, Ill.
Phillips & Buttorff Mfg. Co., Nashville, Tenn.
Pritchard Stamping Co. ("Prisco," "Tiger"), Rochester, N. Y.
Ray Geo. A. Mfg. Co. (Copper & Brass), Buffalo, N. Y.
Republic Metalware Co. The, Buffalo, N. Y.
ROCHESTER CAN CO. ("Iron Horse"), Rochester, N. Y.
See adv index at end of book
Rochester Stamping Co., Rochester, N. Y.
Rome Mfg. Co. ("Rome"), Rome, N. Y.
Schaffer Tinware Mfg. Co., 76 Sedgwick, Brooklyn, N. Y.
Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.
Southern Co-Operative Foundry Co., Rome, Ga.
Trethaway Bros., Parsons, Pa.

1042—Boilers (Water Tube)

Abendroth & Root Mfg. Co. ("Root"), Newburgh, N. Y.
Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.
Babcock & Wilcox Co. ("B & W," "Rust," "Stirling"), 85 Liberty, New York
Badenhausen Co. ("Badenhausen"), 1429 Chestnut, Phila., Pa.
Ballin Water Tube Boiler Co. (Sectional), Portland, Ore.
Bass Foundry & Machine Co., Ft. Wayne, Ind.
Bath Iron Works, Ltd. ("Normand"), Bath, Me.
Bay City Boiler Co., Bay City, Mich.
Beggs James & Co., 30 Warren, New York

Bigelow Co. ("Bigelow-Hornsby"), New Haven, Conn.
Brennan John & Co., 24th & M C R R, Detroit, Mich.
Casey-Hedges Co., Chattanooga, Tenn.
Connelly D. Boiler Co. ("Connelly," All Sizes), Cleveland, O.
Crowley Boiler Works, Jackson, Mich.
Dundon's F. P. San Francisco Iron Works ("Dundon's" Sectional), 225 Folsom, San Francisco, Cal.
East End Boiler Works, ("Detroit"), 13 St. Aubin av, Detroit, Mich.
Edge Moor Iron Co., Edge Moor, Del.
Ehram J. B. & Sons Mfg. Co., Enterprise, Kans.
Erie City Iron Works (Horizontal & Vertical), Erie, Pa.
Erie Engine Works, Erie, Pa.
Flamer Water Tube Boiler Co., Akron, O.
Fore River Shipbuilding Corp. (Marine), Quincy, Mass.
Freeman Mfg. Co., Dept. O, Racine, Wis.
Gas Engine & Power Co., & C. L. Seabury Co. (Seabury Safety, Marine & Stationary), Morris Heights, N. Y.
Granger A. D. Co. ("Oswego"), 15 Park Row, New York
Harlan & Holingsworth Corp. (Marine), ft of West, Wilmington, Del.
Harrisburg Mfg. & Boiler Co. ("Star"), Harrisburg, Pa.
Heine Safety Boiler Co., 2449 E Marcus av, St. Louis, Mo.
Herreshoff Mfg. Co. (Herreshoff Patent), Bristol, R. I.
Hyde Bros. & Co. ("Hyde"), Commonwealth bldg, Pittsburgh, Pa.
International Engineering Works, Ltd. ("Robb"), Framingham, Mass.
Kanawha Mine Car Co. ("Bernhard"), Charleston, W. Va.
Keeler E. Co. ("Keeler"), Williamsport, Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
McNaull Boiler Mfg. Co., Toledo, O.
Marine Boiler Works Co. ("Bordeaux"), Toledo, O.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Meehan Boiler & Construction Co., Lowellville, O.
Mohr Jno. & Sons, 349 W Illinois, Chicago, Ill.
Munroe R. & Sons Mfg. Corp. (Horizontal & Vertical), 23d & Smallman, Pittsburgh, Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Murray & Tregurtha Co., 340 W 1st, Boston, Mass.
O'Brien John Boiler Works Co., St. Louis, Mo.
O'Dougherty Francis C. ("Economy"), 1650 1/2 Fulton, Brooklyn, N. Y.
Ofeldt F. W. & Sons (Small), Nyack, N. Y.
Oil City Boiler Works ("Geary" Stationary), Oil City, Pa.
Parker Boiler Co. ("The Parker" Down Flow), Pennsylvania bldg, Phila., Pa.
Roberts Safety Water Tube Boiler Co., Red Bank, N. J.
Seattle Construction & Dry Dock Co. ("Badenhausen"), Seattle, Wash.
Sherman Morris Co., Chattanooga, Tenn.
Smith H. B. Co. (Mills & "Smith W-17" Hot water Supply Boilers), Westfield, Mass.
Springfield Boiler Co. ("Flanner"), Springfield, Ill.
Standard Boiler & Plate Iron Co. ("Hyde" Vertical), Niles, O.
Talbot Boiler Co., 120 Liberty, New York
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.
Union Iron Works, Erie, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Vogt Henry Machine Co. ("Vogt"), Louisville, Ky.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Walton C. J. & Son, Louisville, Ky.
Ward Chas. Engineering Works (Marine), Charleston, W. Va.
Wickes Boiler Co. ("Wickes," Vertical & Horizontal), Saginaw, Mich.
Wildman Boiler Works, 3026 Carroll av, Chicago, Ill.
Worthington Watertube Boiler Co., 30 Warren, New York

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See Car Truck & Body Bolsters

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Screws; also of Washers**ALABAMA.**BIRMINGHAM—American Bolt Co. (Bolts
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Folsom
Pacific Rolling Mill Co., 17th & Mis-
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Payne's Bolt Works (Bolts, Screws,
Washers, etc), 133 Howard**COLORADO.**DENVER—Colorado Fuel & Iron Co.
(Bolts, Nuts, etc)**CONNECTICUT.**HARTFORD—Atlantic Screw Works
Hartford Machine Screw Co. (Miller
Bolts & S. A. E. Standard Bolts &
Nuts)MILLDALE—Barnes & Kobert Mfg. Co.,
(Bolts & Rivets)**CLARK BROS. BOLT CO.** (Bolts &
Nuts) See adv index at end of bookNEW BRITAIN—Corbin Screw Corp.
(Bolts, etc)**STANLEY WORKS** (Steel Door Bolts)
See adv index at end of bookNEW HAVEN—American Rivet Co. (Riv-
ets, Studs, Bolts, etc)Cowles C. & Co. (Bolts)
Sargent & Co. (Bolts, all kinds)PLANTSVILLE—Atwater Mfg. Co. (Car-
riage Bolts)SHELTON—Bassett D. M. Bolt Works
(Bolts)

Shelton Co. (Bolts, etc)

TORRINGTON—Coe Brass Branch (Riv-
ets)Progressive Mfg. Co.
UNIONVILLE—Upson Nut Co. (Bolts,
Nuts, Rivets, etc)**WATERBURY—AMERICAN BRASS CO.**
(Brass & Copper Bolts & Rivets)

For branch offices see adv index at end of book

Blake & Johnson Co. (Special Rivets,
etc) 1500 Thomaston avSee adv index at end of book
Equipoise Rivet Co. (Brass Bolts,
Nuts & Rivets)Scovill Mfg. Co.
See adv index at end of bookSteele & Johnson Mfg. Co. (Brass)
Waterbury Brass Goods Corp. (Brass
Rivets)
Waterbury Mfg. Co. (Rivets)
WINSTED—Moore, Franklin Co. (Bolts,
Nuts, etc)**ILLINOIS.**CHICAGO—Carpenter Geo. B. & Co., 440
Wells
Champion Mfg. Co. (Nuts, Screws,
etc), 7332 Kimbark av
Chicago Nut Co. (Brass Nuts, etc),
2513 W 20th
Chicago Screw Co. (Screws, etc), 13
N Jefferson
Continental Bolt & Iron Works (Bolts,
etc), 2225 W 43d
Illinois Steel Co. (Track Bolts), 208
S La Salle
O'Leary Arthur J. & Son Co., 65th & S
57th av**GRAND CROSSING—INTERSTATE IRON
& STEEL CO.** (Rivets all kinds)

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MARSEILLES—Moore Joshua (Rivets)
ROCK FALLS—Russell, Burdsall & Ward
Bolt & Nut Co. (Bolts, Nuts,
Washers, etc)ROCKFORD—Rockford Bolt Co. (Bolts,
Rivets & Nuts), 60 Mill**INDIANA.**GARY—Gary Screw & Bolt Co. (Bolts,
Screws, etc)**MARYLAND.**BALTIMORE—Armstrong & Parker (Bolts
& Washers), Bath & North
Maryland Bolt Co., Continental bldg.**MASSACHUSETTS.**BOSTON—Hill-Smith Metal Goods Co.
(Bolts, Nuts & Washers), 88 Pearl
Hobbs Clinton E. (Carriage Bolts), 12
PearlNew England Screw Co., 44 Farns-
worth

Standard Rivet Co., 41 Lincoln

Sylvester Co. (Bolts, Spikes, etc), 141
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Nuts & Washers)PLYMOUTH—Plymouth Mills (Rivets &
Washers)TAUNTON—Nelson W. H. & Son (Brass,
Copper & Iron Rivets)Taunton Rivet Works (Rivets & Wash-
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(Bolts, Nuts & Rivets)Smith Thos. Co. (Bolts, Nuts &
Washers)**MICHIGAN.**DETROIT—Detroit Copper & Brass Roll-
ing Mills (Rivets)Detroit Screw Works (Bolts & Nuts)
See adv index at end of bookMichigan Bolt & Nut Works (Bolts,
Nuts, Rivets & Washers)**MISSOURI.**KANSAS CITY—Kansas City Bolt & Nut
Co. (Bolts, Nuts, Rivets & Wash-
ers)ST. LOUIS—American Car & Foundry Co.,
Syndicate Tr. bldgMoran Bolt & Nut Mfg. Co. (Bolts,
Nuts, Rivets, Screws & Washers),
1st & FloridaSt. Louis Screw Co. (Bolts, Nuts, etc),
600 E Clarence av**NEW JERSEY.**BAYONNE—Bayonne Bolt & Nut Co.
(Bolts & Nuts)JERSEY CITY—Ames W. & Co. (Bolts,
Nuts, etc), Communipaw avNEWARK—Hartley Screw Products Co.,
65 N. J. R. R. avNewark Rivet Works (Rivets), 262
LafayetteRoe & Conover, 206 Frelinghuysen av,
Newark, N. J.

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NEW YORK.BUFFALO—Niagara Screw Co. (Bolts,
Nuts & Screws)**NEW YORK CITY.**

Borough of Brooklyn.

BROOKLYN—Gaskell Wm. & Son (Bolts),
59 FreemanUpham V. B. & Bro. (Rivets), 30
Hudson av**Boroughs of Manhattan and Bronx.**NEW YORK—American Bridge Co., 30
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Church See adv index at end of book

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NORTH TONAWANDA—Buffalo Bolt Co.

PORT CHESTER—Russell, Burdsall &
Ward Bolt & Nut Co.ROME—Rome Brass & Copper Co. (Cop-
per Rivets & Washers, etc)SYRACUSE—Central City Bolt Co. (Bolts
& Nuts)

TROY—Burden Iron Co. (Rivets)

OHIO.AMHERST—U. S. Automatic Co. (Bolts
& Nuts)

BEREA—Ohio Nut & Bolt Co.

CINCINNATI—Elden T. G. (Nuts, Rivets,
etc), 115 SycamoreCLEVELAND—Atlas Bolt & Screw Co.
(Bolts, Nuts, Rivets, Screws, etc),
1000 Ivanhoe rd

Carlin Anthony

Champion Rivet Co. (Rivets), Har-
vard av & E 108th

Cleveland Bolt & Mfg. Co. (Bolts)
 Eagle Bolt & Forging Co. (Bolts & Rivets)
 Foster Bolt & Nut Mfg. Co. (Bolts, Nuts, Screws, etc), Union av & E 72d
 Kirk-Latty Mfg. Co. (Bolts, Rivets, etc)
 Lake Erie Iron Co. (Bolts, Nuts & Washers), ft of E 63d
 Lamson & Sessions Co. (Bolts, Nuts & Rivets), 2188 Scranton rd S W
 National Acme Mfg. Co. 7500 Scranton av S E
 National Screw & Tack Co. (Bolts, Nuts & Rivets), Stanton av S E & C & P Ry
 Peerless Automatic Machine Co.
 Upon Nut Co. (Bolts, Nuts & Rivets), Scranton & Carter rds
COLUMBUS—Berry Bros. (Bolts, Nuts & Rivets)
 Columbus Bolt Works Co. (Bolts, Nuts, Rivets, Screws & Washers)
 Standard Bolt Co.
ELYRIA—Western Automatic Machine Screw Co. (Bolts, Nuts, etc)
KENT—Falls Rivet Co.
TOLEDO—Wine Railway Appliance Co. ("Stephenson" Wedge Bolt)
YOUNGSTOWN—Republic Iron & Steel Co. (Bolts, Nuts, Screws & Washers)

PENNSYLVANIA.

BUTLER—Butler Bolt & Rivet Co.
JOHNSTOWN—Cambria Steel Co. (Bolts, Nuts & Rivets). Main Office: Phila., Pa.
KOPPEL—

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

LEBANON—American Iron & Steel Mfg. Co. (Bolts, Nuts, Rivets & Washers)

Lebanon Valley Iron & Steel Co. (Bolts, Nuts, Rivets, Washers, etc)

NORRISTOWN—American Equipment Co. (Bolts, Nuts, etc)

Reading Screw Co. (Stove & Tire Bolts)

PHILADELPHIA—**ANKYRA MFG. CO.** (Anchor Bolts), Wayne Junction
See adv index at end of book

Cambria Steel Co. (Bolts, Nuts & Rivets), Widener bldg

Haydon A. & M., 304 N 22d

McGookin D. H., 1630 N 9th

Skelly Thos. P. Bolt Co. (Bolts Only), 24th & Carlton

PITTSBURGH—Flannery Bolt Co., Vandalium bldg

Graham Nut Co.

Hubbard & Co. (Bolts, Nuts, etc), 63d & Butler

Hussey C. G. & Co. (Rivets, Copper), 2850 2nd av

Lanz M. & Sons (Bolts, Nuts, Rivets & Washers), 2907 Carson

National Bolt & Nut Co. (Bolts, Nuts, Screws & Washers)

New Castle Steel & Iron Co. (Bolts, Rivets, etc)

Oliver Iron & Steel Co. (& Screws & Washers), S 10th & Muriel

Pittsburgh Knife & Forge Co. (Large Bolts, Rivets, etc), 709 Belmont

Pittsburgh Rivet Co., 38th & Junction R R

Pittsburgh Screw & Bolt Co. (Bolts, Nuts & Rivets), Preble av

Severence S. Mfg. Co. (Rivets, Spikes, etc), 3d

Steel Car Forge Co., Frick bldg

POTTSVILLE—Pottsville Bolt Co. (Bolts & Screws)

SCRANTON—Scranton Bolt & Nut Co. (Bolts, Nuts, Rivets, Screws & Washers)

SOUTH BETHLEHEM—Bethlehem Steel Co.

WEST PITTSBURGH—Garland Nut & Rivet Co.

RHODE ISLAND.

PAWTUCKET—Haskell Wm. H. Mfg. Co. (Bolts & Nuts), 21 Stevens



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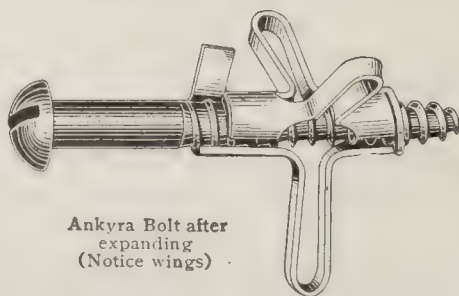


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ERWIN—Brown A. R. ("Brown's Perfection")

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RICHMOND—Old Dominion Iron & Nail Works Co. (Bolts, Nuts, Rivets, Spikes, Washers, etc)

1045—*Bolt Pointers (Hand, Bit Brace)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

1046— Bolt & Screw Cases

American Bolt & Screw Case Co. (Revolving), Dayton, O.

Eclipse Mfg. Co. (Sectional Revolving), Wellston, O.

Green A. H. Co., 97 Warren, New York

Heller W. C. & Co., Montpelier, O.

Herrick F. A. Co., Jackson, Mich.

Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.

New Britain Machine Co. (Revolving), 190 Chestnut, New Britain, Conn.

Warren J. D. Mfg. Co., Masonic Temple, Chicago, Ill.

1047—*Bolt & Shield (Expansion)

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

1048— Bolters (Corn Meal)

Huntley Mfg. Co., Silvercreek, N. Y.

1049— *Bolters (Flour Mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

GERDES & CO., 42 Church, New York
See adv index at end of book

1050— *Bolters (Universal)

ABBE ENGINEERING CO., 220 B'way, New York
See adv index at end of book

ALLIS-CHALMERS MFG. CO. (With Vibromotor Drive), Milwaukee, Wis.
See adv index at end of book

1051— Bolts (Anchor)

See also Bolts, Expansion

American Equipment Co., Norristown, Pa.

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

Bethlehem Steel Co., So Bethlehem, Pa.

DIAMOND EXPANSION BOLT CO., 89 West, New York
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Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Maryland Bolt Co., Continental bldg, Baltimore, Md.

National Bolt & Nut Co., Pittsburgh, Pa.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Star Expansion Bolt Co. ("Star" & "Sebco"), 147 Cedar, New York

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

United States Expansion Bolt Co., Duane & Elm, New York

Variety Mfg. Co. (Of All Kinds, etc), 2958 Carroll av, Chicago, Ill.

1052— *Bolts ("Ankyra")

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

1053—*Bolts (Automobile)

CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book

1054—*Bolts (Automobile Steering Knuckle)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

Bolts (Barge)

See Bolts, Drift

Bolts (Barn Door)

See Bolts, Door & Window

Bolts (Barrel)

See Bolts, Door & Window

1055—Bolts (Belt or Elevator)

American Screw Co., 21 Stevens, Providence, R. I.

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

Bethlehem Steel Co., So Bethlehem, Pa.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

CLARK BROS. BOLT CO. (Elevator), Milldale, Conn.
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Cleveland Wrought Washer Co., 3590 W 58th, Cleveland, O.

Columbus Bolt Works Co., Columbus, O.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
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Kirk-Latty Mfg. Co., Cleveland, O.

Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.

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Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pawtucket Mfg. Co., Pawtucket, R. I.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Smith Thos. Co., Worcester, Mass.

Upson Nut Co., Cleveland, O.

1056— Bolts (Bicycle)

Clark Bros. Bolt., Milldale, Conn.
See adv index at end of book

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.

National Screw & Tack Co., Stanton av S E & C & P Ry, Cleveland, O.

Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1057— Bolts (Billiard Table)

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Shelton Co., Shelton, Conn.

Upson Nut Co., Cleveland, O.

1058— Bolts (Boiler or Patch)

Bethlehem Steel Co., So Bethlehem, Pa.

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.

Corbin Screw Corporation, New Britain, Conn.

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York
See adv index at end of book

Gary Screw & Bolt Co., Gary, Ind.

Hall's Samuel Sons, 229 W 10th, New York

Hartford Machine Screw Co., Hartford, Conn.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Lake Erie Iron Co., ft of E 63d, Cleveland, O.

Maryland Bolt Co., Continental bldg, Baltimore, Md.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

Pawtucket Mfg. Co., Pawtucket, R. I.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Rhode Island Tool Co., Providence, R. I.

Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Western Automatic Machine Screw Co., Elyria, O.

Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

1059— Bolts (Boiler Stay)

Bethlehem Steel Co., So Bethlehem, Pa.

Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio

Flannery Bolt Co. ("Tate" Flexible), Vadium bldg, Pittsburgh, Pa.

Gary Screw & Bolt Co., Gary, Ind.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Lockhart Iron & Steel Co., Pittsburgh, Pa.

Maryland Bolt Co., Continental bldg, Baltimore, Md.

Michigan Bolt & Nut Works, Detroit, Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Republic Iron & Steel Co., Youngstown, O.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Western Automatic Machine Screw Co., Elyria, O.

1060—Bolts (Brass, Bronze & Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book

Equipose Rivet Co. (Brass for Plumbers' Use), Waterbury, Conn.

Hall's Samuel Sons (Acid Proof Muntz Metal), 229 W 10th, New York

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hendricks Bros. (Copper Only), 49 Cliff, New York

Hungerford U. T. Brass & Copper Co. (Also Bronze), 80 Lafayette, New York

Moran Bolt & Nut Mfg. Co. (Bronze & Copper Only), 1st & Florida, St. Louis, Mo.

Mutual Electric & Machine Co. (Copper), 232 Fort W, Detroit, Mich.

National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.

Pawtucket Mfg. Co., Pawtucket, R. I.

Peck, Stow & Wilcox Co., Southington, Conn.

Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

Reading Hardware Co. (Brass), Reading, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.

Rockford Bolt Co. (Brass), 60 Mill, Rockford, Ill.

St. Louis Screw Co. (Bronze), Clarence & Bulwer avs, St. Louis, Mo.

Taunton-New Bedford Copper Co. (Copper & Yellow Metal), Taunton, Mass.

Trumpbour-Whitehead, Brass & Copper Co., 309-311 Canal, New York, and 43 North 7th, Philadelphia, Pa.

See adv index at end of book

Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
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1061—Bolts (Bridge & Structural)

American Equipment Co., Norristown, Pa.

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.

Bayonne Bolt & Nut Co., Bayonne, N. J.

Bethlehem Steel Co., So Bethlehem, Pa.

Buffalo Bolt Co., N Tonawanda, N. Y.

Cleveland City Forge & Iron Co., Cleveland, O.

Colorado Fuel & Iron Co., Denver, Colo.

Columbus Bolt Works Co., Columbus, O.

Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.

Gary Screw & Bolt Co., Gary, Ind.

Gaskell Wm. & Son, 59 Freeman, Brooklyn, N. Y.

Graham Nut Co., Pittsburgh, Pa.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Lake Erie Iron Co., ft of E 63d, Cleveland, O.

Lanz Mathew & Sons, 2907 Carson, Pittsburgh, Pa.

Lebanon Valley Iron & Steel Co., Lebanon, Pa.

Maryland Bolt Co., Continental bldg, Baltimore, Md.

McGookin D. H., 1630 N 9th, Phila., Pa.

Michigan Bolt & Nut Works, Detroit, Mich.

Milton Mfg. Co., Milton, Pa.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Bolt & Nut Co., Pittsburgh, Pa.

New England Bolt Co., Everett, Mass.

Old Dominion Iron & Nail Works Co., Richmond, Va.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pawtucket Mfg. Co., Pawtucket, R. I.

Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.

Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Republic Iron & Steel Co., Youngstown, O.

Republic Structural Iron Wks Co., E 53d & Lakeside av, Cleveland, O.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

ST. PAUL FOUNDRY CO., Como av & Mackubin St. Paul, Minn.
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Scranton Bolt & Nut Co., Scranton, Pa.

Smith Thos. Co., Worcester, Mass.

Standard Bolt Co., Columbus, O.

Sylvester Co., 141 Milk, Boston, Mass.

Upson Nut Co., Cleveland, O.

Wendt Albert H., 456 E 2d, Cincinnati, O.

Bolts (Bronze)

See Bolts, Brass & Copper

1062— Bolts (Car)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

American Equipment Co., Norristown, Pa.

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

Bayonne Bolt & Nut Co., Bayonne, N. J.

Bethlehem Steel Co., So Bethlehem, Pa.

Columbus Bolt Works Co., Columbus, Ohio

Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Lake Erie Iron Co., ft of E 63d, Cleveland, O.

Maryland Bolt Co., Continental bldg, Baltimore, Md.

Michigan Bolt & Nut Wks, Detroit, Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Bolt & Nut Co., Pittsburgh, Pa.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.

Pottsville Bolt Co., Pottsville, Pa.

Pressed Steel Car Co. (Column Post & Journal Box), 307 5th av, Pittsburgh, Pa.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Western Steel Car & Foundry Co. (Column Post & Journal Box), 37 W Van Buren, Chicago, Ill.

1063— Bolts (Carriage)

American Bolt Co., Birmingham, Ala.
ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*
Atlas Bolt & Screw Co., 1000 Ivanhoe rd., Cleveland, O.
Ballard Drop Forge Co., Seattle, Wash.
Barnes & Robert Mfg. Co., Milldale, Conn.
Bassett D. M. Bolt Works, Shelton, Conn.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Berry Bros. Columbus, O.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonawanda, N. Y.
CLARK BROS. BOLT CO., Milldale, Conn. *See adv index at end of book*
Cleveland Bolt & Mfg. Co. ("North" Ribbed Neck), Cleveland, O.
Cleveland Wrought Washer Co. (Fancy Head), 3590 W 58th, Cleveland, O.
Columbus Bolt Works Co. (Common & Eagle), Columbus, O.
Corbin Screw Corp. (Fancy Head), New Britain, Conn.
Cowles C & Co., New Haven, Conn.
Eagle Bolt & Forging Co. (Turned Head & Fellow Step), Cleveland, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Haydon A. & M., 304 N 22d, Phila., Pa.
Hobbs Clinton E. ("Eagle"), 12 Pearl, Boston, Mass.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Joslyn Mfg. Co., Chamber of Commerce bldg, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., Cleveland, O.
Lake Erie Iron Co., ft of E 63d, Cleveland, Ohio
Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
Lebanon Valley Iron & Steel Co., Lebanon, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
National Screw & Tack Co., Cleveland, O.
New Castle Steel & Iron Co., Pittsburgh, Pa.
New England Bolt Co., Everett, Mass.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Payne's Bolt Works, 133 Howard, San Francisco, Cal.
Peck, Stow & Wilcox Co., Southington, Conn.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Schaper Construction Material Co., 90 West, New York
Scranton Bolt & Nut Co., Scranton, Pa.
Shelton Co., Shelton, Conn.
Skelly Thos P. Bolt Co., 24th & Carlton, Phila., Pa.
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.
Standard Bolt Co., Columbus, O.
Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
Upson Nut Co. (Common, "Philadelphia," "Coleman Eagle"), Cleveland, O.

1063a— Bolts (Chain)

McKinney Mfg. Co. (Wrought Steel), N. S., Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1064— Bolts (Collar)

Bethlehem Steel Co., So Bethlehem, Pa.
Corbin Screw Corporation, New Britain, Conn.
Gary Screw & Bolt Co., Gary, Ind.
Hall's Samuel Sons, 229 W 10th, New York
Kirk-Latty Mfg. Co., Cleveland, O.
Michigan Bolt & Nut Wks, Detroit, Mich.
National-Acme Mfg. Co. (Milled), 7500 Stanton av, S E, Cleveland, O.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Rhode Island Tool Co., Providence, R. I.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Western Automatic Machine Screw Co., Elyria, O.

1065—Bolts (Copper Soldering)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1066— Bolts (Countersunk)

See also Bolts, Plow; Bolts, Stove
American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Buffalo Bolt Co., N Tonawanda, N. Y.
Columbus Bolt Works Co., Columbus, O.
Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
Hall's Samuel Sons, 229 W 10th, New York
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions, 2188 Scranton rd S W, Cleveland, O.
Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moore Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
National Bolt & Nut Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Standard Bolt Co., Columbus, O.
Western Automatic Machine Screw Co., Elyria, O.

1067— Bolts (Coupling)

Bethlehem Steel Co., So Bethlehem, Pa.
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cleveland Shaft Spring Co. ("Shiperd"), Cleveland, O.
Corbin Screw Corp., New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
Gary Screw & Bolt Co. (Milled), Gary, Ind.
Hartford Machine Screw Co., Hartford, Conn.
Haskell Wm. H. Mfg. Co. (Nut, Tapped, etc), Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
National-Acme Mfg. Co. (Milled), 7500 Stanton av, S E, Cleveland, O.
Niagara Screw Co., Buffalo, N. Y.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co. (Milled), Preble av, Pittsburgh, Pa.
Rhode Island Tool Co. (Milled Hexagon Heads & Nuts), Providence, R. I.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Products Co., 2206 Clarkwood av, S. E. Cleveland, Ohio
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

1067a— *Bolts (Cremone)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1068— Bolts (Cross Arm)

American Equipment Co., Norristown, Pa.
Barnes & Robert Mfg. Co., Milldale, Conn.
Bethlehem Steel Co., So Bethlehem, Pa.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1069— Bolts (Crown-Bar)

Bethlehem Steel Co., So Bethlehem, Pa.
Gary Screw & Bolt Co., Gary, Ind.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Bolts (Cultivator Point)

See Bolts, Plow

Bolts (Cupboard)

See Bolts, Door & Window

1070—Bolts (Door, Emergency Exit)

Clark H. E. & Bros. (Brighton), Rochester, N. Y.
Columbia Iron & Wire Wks Co., Canton, O.
Corbin P. & F., New Britain, Conn.
Russell & Erwin Mfg. Co. ("Russwin Panic-Exit"), New Britain, Conn.
Sargent & Co., New Haven, Conn.

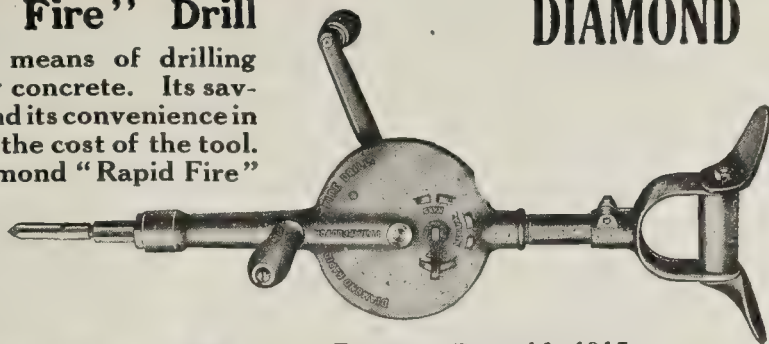
1071—Bolts (Door & Window)

ANKYRA MFG. CO., Wayne Junction, Phila., Pa.
See adv index at end of book
Auer John Jr. (Wrought, Flush, Flat, Store Door & Drop Door or Gate Bolts), 199 Middleton, Brooklyn, N. Y.
Brainerd Mfg. Co., E Rochester, N. Y.
Champion Hardware Co. ("Champion" Mortise Door), Geneva, O.
Clark H. E. & Bros. (Brighton "Safety Door"), Rochester, N. Y.
Columbian Hardware Co., 1296 E 53d, Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
Corbin Cabinet Lock Co. (Double Door, etc), New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Eagan Thos. F. Hardware Co. (Spring Window), Worcester, Mass.
Enterprise Hardware Mfg. Co., Frederick, Md.
Enterprise Mfg. Co. (of Pa.), 3d & Dauphin, Phila., Pa.
Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Griffin Mfg. Co. (Wrought Steel), Erie, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Highton Wm. & Sons Co. (Barn, Store, Door, etc.), Nashua, N. H.
Ives H. B. Co., New Haven, Conn.
McKinney Mfg. Co. (Door, Wrought Steel), N S, Pittsburgh, Pa.
Morewood Standard Safety Devices Co. (Panic), 253 B'way, New York
New England Bolt Co., Everett, Mass.
Norwalk Lock Co., So. Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.

Diamond "Rapid Fire" Drill

THE most economical means of drilling holes in brick, stone or concrete. Its saving in time and labor, and its convenience in use will in a short time pay the cost of the tool.

One man using the Diamond "Rapid Fire" Drill can with less effort deliver more effective blows, with eight to twenty times the speed, than with a hand hammer.



Patents Dec. 14, 1915



"DIAMOND N" EXPANSION BOLTS
For Use With Any Lag Screw

DIAMOND EXPANSION BOLTS

for securely fastening any kind of material to brick, stone or concrete.



"DIAMOND N" SCREW ANCHORS
For Use With Any Wood Screw

DIAMOND EXPANSION BOLT CO.

Manufacturers of DIAMOND SPECIALTIES
89 WEST ST., NEW YORK

Penn Hardware Co., Reading, Pa.
Peters Jas. & Son (Fire Door), 1934 N Front, Phila., Pa.
Pratt Wm. E. Mfg. Co. (Gravity Door), 35 W Lake, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co. ("The Gem"), 178 Court, Rochester, N. Y.
Shelby Spring Hinge Co. (Wrought Steel), Shelby, O.
STANLEY WORKS (Wrought Steel & Brass), New Britain, Conn.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Taylor & Boggis Foundry Co. (Chain & Foot, etc), Cleveland, O.
Yale & Towne Mfg. Co., 9 E 40th, New York
Wrightsville Hardware Co. (Cast), Wrightsville, Pa.

1072— Bolts (Drift)

American Bolt Co., Birmingham, Ala.
American Equipment Co., Norristown, Pa.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co., So Bethlehem, Pa.
Farrington H., 45 B'way, New York
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Jones & Laughlin Steel Co. (Round & Square), Ross, Pittsburgh, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Maryland Bolt Co., Continental bldg, Baltimore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Pittsburgh Rivet Co. (Round & Square), 38th & Junction R R, Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Scranton Bolt & Nut Co., Scranton, Pa.
Severence S. Mfg. Co., 3d, Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.

1073— Bolts (Duplex Twin)

Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

Bolts (Elevator)

See Bolts, Belt or Elevator

1074— Bolts (Expansion)

Ackerman-Johnson Co., 631 W Jackson blvd., Chicago, Ill.
American Expansion Bolt Co., 1752 Webster av, New York
ANKYRA MFG. CO. ("Ankyra"), Wayne Junction, Phila., Pa.
See adv index at end of book
Brohard Co. ("Climax"), 3d & Lehigh, Phila., Pa.
Cameron Appliance Co., 48 Waters av, Everett, Mass.
Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.

Chicago Nut Co. ("Ajax"), 2513 W 20th, Chicago, Ill.
Church Isaac H. ("O. K.", "Perfect", "Duplex"), South Norwalk, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*

DIAMOND EXPANSION BOLT CO.
("Diamond", "Diamond N" & "Key-stone", "Di-en-key", Brass & Iron), 89 West, New York
See adv index at end of book

Electric Service Supplies Co. ("Key-stone"), 17th & Cambria, Phila., Pa.
Evans F. H. ("Crescent"), 31 Hewes, Brooklyn, N. Y.

Farrington H., 45 B'way, New York
Garrison Brass & Machine Works ("Phillips"), 149 W 35th, New York
Hubbard & Co. ("Pierce"), 63d & Butler, Pittsburgh, Pa.

Klein Mathias & Sons, 562 W Vanburen, Chicago, Ill.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

McCabe Hanger Mfg. Co., 425 W 25th, New York

National Lead Co. ("Cinch"), 111 B'way, New York
New England Bolt & Steel Co., Everett, Mass.

Paine Co. ("Paine"), 140 S Dearborn, Chicago, Ill.

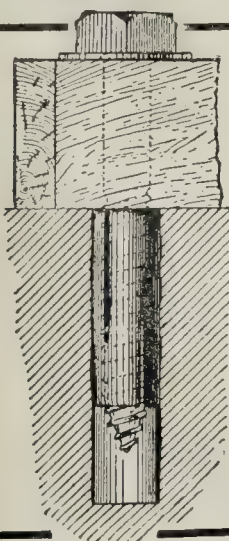
Parker Supply Co. ("Parker"), 785 E 135th, New York
Richmond Screw Anchor Co., Pulitzer bldg, New York

St. Louis Malleable Casting Co., 7701 N Conduit, St. Louis, Mo.

Seaman A. C., 124 N 6th, Phila., Pa.

STANNARD MFG. CO., ("Little Giant"), 371 Allen, Springfield, Mass.
See adv index at end of book

STAR EXPANSION BOLT CO. ("Star" & "Sebco", All Kinds), 147 Cedar, New York



THE LITTLE GIANT EXPANSION SLEEVE

is *Unbreakable and Rust Proof*, has an even and uniform expansion the entire length of screw inserted, allowing the screw to make its own thread in the sleeve. The expansion begins at the first turn of screw, causing it to expand the outside of sleeve firmly against sides of hole, making a bind that is impossible to start, no pipe sleeve or wedge nut being required. These anchors are made of pure lead. The screw cuts its own thread easily.

Your attention is called to our New Anchor for $\frac{1}{4}$ " Drill to be used with No. 4-5-6-7 and 8 Wood screws. Being the strongest small anchor made, they will not crack the marble or tile.

STANNARD MANUFACTURING CO.

371 ALLEN STREET, SPRINGFIELD, MASS.



Steward & Romaine Mfg. Co. (For Concrete), 124 N 6th, Phila., Pa.
 United States Expansion Bolt Co., Duane & Elm, New York
 Van Expansion Bolt Mfg. Co. ("Van"), 105 W Monroe, Chicago, Ill.

1075—Bolts (Expansion, Brass)

Star Expansion Bolt Co., 147 Cedar, New York
 United States Expansion Bolt Co., Duane & Elm, New York

1076—*Bolts (Expansion, for Concrete Work)

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*
DIAMOND EXPANSION BOLT CO. ("Diamond," "Diamond N" & "Keystone," "Di-en-key"), 89 West, New York *See adv index at end of book*

1077—Bolts (Expansion, Single & Double)

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

1078—Bolts (Extension)

Taylor & Boggis Foundry Co. (Flush, etc), Cleveland, O.
 Yale & Towne Mfg. Co., 9 E 40th, New York

Bolts (Eye)

See Bolts, Hook & Eye; also Bolts, Ring

1078a—*Bolts (Foot)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1079—Bolts (Forged)

American Equipment Co., Norristown, Pa.
 Bayonne Bolt & Nut Co., Bayonne, N. J.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Columbus Bolt Works Co., Columbus, Ohio
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
 Eagle Bolt & Forging Co. (Hot Forged), Cleveland, O.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 National Bolt & Nut Co., Pittsburgh, Pa.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Page Storms Drop Forge Co., Chicopee, Mass.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
 Tioga Steel & Iron Co., Phila., Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.
 Williams J. H. & Co. (Eye Bolts, etc), 156 Hamilton av, Brooklyn, N. Y.

1080—Bolts (Foundation)

American Equipment Co., Norristown, Pa.
ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*
 Bayonne Bolt & Nut Co., Bayonne, N. J.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Cleveland City Forge & Iron Co., Cleveland, O.
 Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Gary Screw & Bolt Co., Gary, Ind.
 Graham Nut Co., Pittsburgh, Pa.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Kansas City Bolt & Nut Co., Kansas City
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
 Maryland Bolt Co., Continental bldg, Baltimore, Md.
 Michigan Bolt & Nut Wks, Detroit, Mich.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 National Bolt & Nut Co., Pittsburgh, Pa.
 New Castle Steel & Iron Co., Pittsburgh, Pa.

Old Dominion Iron & Nail Works Co., Richmond, Va.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Pittsburgh Rivet Co., 38th & Junction R R., Pittsburgh, Pa.
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
 Republic Iron & Steel Co., Youngstown, O.
 Republic Structural Iron Wks Co., E 53d & Lakeside av, Cleveland, O.
 Rhode Island Tool Co., Providence, R. I.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
 Scranton Bolt & Nut Co., Scranton, Pa.
 Star Expansion Bolt Co., 147 Cedar, New York
 Wendt Albert H., 456 E 2d, Cincinnati, O.

1081—Bolts (Galvanized)

American Equipment Co., Norristown, Pa.
 Barnes & Kobert Mfg. Co., Milldale, Conn.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Empire Galvanizing Co., 2507 E Cumberland, Phila., Pa.
 Galvanized Products Co., Phillipsburg, N. J.
 Gary Screw & Bolt Co., Gary, Ind.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Lamson & Sessions Co., Cleveland, O.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 National Bolt & Nut Co., Pittsburgh, Pa.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
 Rockford Bolt Co., 60 Mill, Rockford, Ill.
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

1081a—*Bolts (Garage Door)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1082—*Bolts (Hanger)

See also Screws, Hanger

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

1083—Bolts (Harvey Grip)

Bethlehem Steel Co., So Bethlehem, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.

1084—Bolts (Heel)

American Bolt Co., Birmingham, Ala.
 Bethlehem Steel Co., So Bethlehem, Pa.

1085—*Bolts (Hollow Tile)

ANKYRA MFG. CO. (For Making Fastenings in Hollow Tile Partitions), Wayne Junction, Phila., Pa.
See adv index at end of book

1086—Bolts (Hook Head)

See also Bolts, Ring

Berry Bros. Columbus, O.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Keystone Drop Forge Works (Weldless), Chester, Pa.
 Maryland Bolt Co., Continental bldg, Baltimore, Md.
 Mount Carmel Brass Foundry Works, Mount Carmel, Conn.
 Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
 Rockford Bolt Co., 60 Mill, Rockford, Ill.
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
 Scranton Bolt & Nut Co., Scranton, Pa.
 Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.

1087—Bolts (Hook & Eye)

See also Bolts, Ring

Akron-Selle Co., Akron, O.
 American Bridge Co., 30 Church, New York
 Auer John Jr., 199 Middleton, Brooklyn, N. Y.
 Barnes & Kobert Mfg. Co., Milldale, Conn.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Billings & Spencer Co. (Drop Forged Eye), Hartford, Conn.
 Cambria Steel Co. (Forged Steel), Widen-er bldg, Phila., Pa.
 Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
 Cleveland City Forge & Iron Co., Cleveland, O.
 Eureka Co. (Eye Bolts Only), North East, Pa.
 Force Chas. C. & Son, Madison, N. J.
 Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
 Gary Screw & Bolt Co., Gary, Ind.
 Hall's Samuel Sons (Forged), 229 W 10th, New York
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
 Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Keystone Drop Forge Works (Drop Forged), Chester, Pa.
 Kirk-Latty Mfg. Co., Cleveland, O.
 Lakeside Forge Co. (Drop Forged), Erie, Pa.
 Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
 Laughlin Thos. Co. (Eye), Portland, Me.
 Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So Portland, Me.
MERRILL BROS. (Eye, Drop Forged), 3 Arnold, Maspeth (Boro of Queens), New York *See adv index at end of book*
 Michigan Bolt & Nut Works, Detroit, Mich.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 Morgan Spring Co., Worcester, Mass.
 National Bolt & Nut Co., Pittsburgh, Pa.
 New Castle Steel & Iron Co., Pittsburgh, Pa.
 New England Bolt Co., Everett, Mass.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Page Storms Drop Forge Co. (Weldless Drop Forged, Blank or Threaded), Chicopee, Mass.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
 Republic Iron & Steel Co., Youngstown, O.
 Rhode Island Tool Co. (Blank or Threaded Steel Eye), Providence, R. I.
 Rockford Bolt Co., 60 Mill, Rockford, Ill.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Sargent & Co., New Haven, Conn.
 Scranton Bolt & Nut Co., Scranton, Pa.
 Smith Thos. Co. (Screw), Worcester, Mass.
 Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
 Strieby & Foote Co. (Drop Forged), 301 Ogden, Newark, N. J.
 Upson Nut Co., Cleveland, O.
 Vaughan & Bushnell Mfg. Co. (Drop Forged Eye), 2114 Carroll av, Chicago, Ill.
 Wilcox, Crittenden & Co. (Screw, Nut & Drive), Middletown, Conn.
 Wilcox D. Mfg. Co. (Drop Forged Eye), Mechanicsburg, Pa.
 Williams J. H. & Co. ("Vulcan" Drop Forged Eye), 156 Hamilton av., Brooklyn, N. Y.

1087a—Bolts (Insulated Suspension)

Cutter Geo. Co. ("Cutters"), South Bend, Ind.
 Electrore Mfg. Co. ("Electrore"), Washington & Plymouth, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Line Material Co., S Milwaukee, Wis.
 United States Expansion Bolt Co., Duane & Elm, New York

1088—Bolts (Key)

Bayonne Bolt & Nut Co., Bayonne, N. J.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Gary Screw & Bolt Co., Gary, Ind.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Lamson & Sessions Co., 2188 Scranton rd, S W, Cleveland, O.
 Lanz M. & Sons Co., 2907 Carson, Pittsburgh, Pa.
 Maryland Bolt Co., Continental bldg, Baltimore, Md.
 Michigan Bolt & Nut Works, ft of Mel-drum, Detroit, Mich.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 National Bolt & Nut Co., Pittsburgh, Pa.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pittsburgh Rivet Co., 38th & Junction R R, Pittsburgh, Pa.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
 Scranton Bolt & Nut Co., Scranton, Pa.
 Upson Nut Co., Cleveland, O.

1089—Bolts (King)

Bethlehem Steel Co., So Bethlehem, Pa.
 Cambria Steel Co., Widener bldg, Phila., Pa.
DETROIT SCREW WORKS (Hardened & Ground, Automobile), 348 Franklin, Detroit, Mich.
See adv index at end of book
 Harvey Spring & Forging Co. (Wagon), Racine, Wis.
 Lanz M. & Sons Co., 2907 Carson, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

1090—Bolts (Loom)

Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Kirk-Latty Mfg. Co., Cleveland, O.
 Lanz M. & Sons Co., 2907 Carson, Pittsburgh, Pa.
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
 Standard Bolt Co., Columbus, O.
 Upson Nut Co., Cleveland, O.

1091—Bolts (Machine)

American Bolt Co., Birmingham, Ala.
 American Equipment Co., Norristown, Pa.
 Ames W. & Co., Communipaw av, Jersey City, N. J.
 Armstrong & Parker, Bath & North, Baltimore, Md.
 Atlas Bolt & Screw Co., 100 Ivanhoe rd, Cleveland, O.
 Ballard Drop Forge Co., Seattle, Wash.
 Barnes & Kobert Mfg. Co., Milldale, Conn.
 Bassett D. M. Bolt Works, Shelton, Conn.
 Bayonne Bolt & Nut Co., Bayonne, N. J.
 Berry Bros., Columbus, Ohio.

Bethlehem Steel Co., So Bethlehem, Pa.
 Buffalo Bolt Co., N Tonawanda, N. Y.
 Cambria Steel Co., Widener bldg, Phila., Pa.

CLARK BROS. BOLT CO., Milldale, Conn.

See adv index at end of book
 Cleveland Bolt & Mfg. Co., Cleveland, O.
 Cleveland Wrought Washer Co., 3590 W 58th, Cleveland, O.
 Colorado Fuel & Iron Co., Denver, Colo.
 Columbus Bolt Works Co., Columbus, O.
 Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
 Eastern Bolt & Nut Co., E Providence, Providence, R. I.
 Foster Bolt & Nut Mfg. Co., Union av & E 72nd, Cleveland, O.
 Gary Screw & Bolt Co., Gary, Ind.
 Gaskell Wm. & Son, 59 Freeman, Brooklyn, N. Y.
 Graham Mfg. Co., Cleveland, O.
 Graham Nut Co., Pittsburgh, Pa.
 Greenlie-Halliday Co., 499 Water, New York
 Hallett Iron Works, Harvey, Ill.
 Hall's Samuel Sons, 229 W 10th, New York
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N. Fourth, Columbus, O.
See adv index at end of book
 Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Kirk-Latty Mfg. Co., Cleveland, O.
 Lake Erie Iron Co., ft. of E 63rd, Cleveland, O.
 Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
 Lebanon Valley Iron & Steel Co., Lebanon, Pa.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Lorain Steel Co., Johnstown, Pa.
 McCabe Hanger Mfg. Co., 425 W 25th, New York
 Maryland Bolt Co., Continental bldg, Baltimore, Md.
 Michigan Bolt & Nut Works, Detroit, Mich.
 Milton Mfg. Co., Milton, Pa.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
 National Bolt & Nut Co., Pittsburgh, Pa.
 National Screw & Tack Co., Stanton av S. E. & C & P Ry., Cleveland, O.
 National Tube Co., Frick bldg., Pittsburgh, Pa. *See adv index at end of book*
 New Castle Steel & Iron Co., Pittsburgh, Pa.
 New England Bolt Co., Everett, Mass.
 Ogden Iron & Steel Mfg. Co., 147 Cedar, New York
 Ohio Nut & Bolt Co., Berea, O.
 Old Dominion Iron & Nail Works Co., Richmond, Va.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Pittsburgh Forge & Iron Co., Preble av, Pittsburgh, Pa.
 Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.
 Pittsburgh Screw & Bolt Co., 1003 Penn av, Pittsburgh, Pa.
 Pottsville Bolt Co., Pottsville, Pa.
 Republic Iron & Steel Co., Youngstown, O.
 Rhode Island Tool Co., Providence, R. I.
 Rockford Bolt Co., 60 Mill, Rockford, Ill.
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
 Scranton Bolt & Nut Co., Scranton, Pa.
 Shelton Company, Shelton, Conn.
 Smith Thos. Co., Worcester, Mass.
 Standard Bolt Co., Columbus, O.

Star Expansion Bolt Co. (Also "Star" Expansion), 147 Cedar, New York
 Steel Car Forge Co., Frick bldg., Pittsburgh, Pa.
 Toledo Screw Products Co., Toledo, O.
 United States Automatic Co., Amherst, O.
 Upson Nut Co., Cleveland, O.

1092—Bolts (Mooring)

Star Expansion Bolt Co. ("Star" Expansion), 147 Cedar, New York.
 Western Automatic Machine Screw Co., Elyria, O.

1093—*Bolts (Naval Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1094—Bolts (Neck)

National Screw & Tack Co. ("O. H. Fin"), Stanton av S E & C & P. Ry., Cleveland, O.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book

1095—Bolts (Nut & Screw Ring)

Wilcox, Crittenden & Co., Middletown Conn.

1096—Bolts (Planer Head)

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
 Corbin Screw Corporation, New Britain, Conn.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
 Gary Screw & Bolt Co., Gary, Ind.
 Hartford Machine Screw Co., Hartford, Conn.
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.
 Hope Wm. H. Co.e (Also Screws), Lowell, Mass.
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.
 Niagara Screw Co., Buffalo, N. Y.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Pittsburgh Screw & Mfg. Co., Preble av, Pittsburgh, Pa.
 Rhode Island Tool Co., Providence, R. I.
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.
 Smith Thos. Co., Worcester, Mass.
 Western Automatic Mach. Screw Co., Elyria, O.

1097—Bolts (Plow)

Bethlehem Steel Co., So. Bethlehem, Pa.
CLARK BROS. BOLT CO., Milldale, Conn.
See adv index at end of book
 Columbus Bolt Works Co., Columbus, O.
 Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.
 Gary Screw & Bolt Co., Gary, Ind.
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Kirk-Latty Mfg. Co., Cleveland, O.
 Lake Erie Iron Co., ft E 63d, Cleveland, Ohio
 Lamson & Sessions Co., Cleveland, O.
 Michigan Bolt & Nut Works, Detroit, Mich.
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Rockford Bolt Co., 60 Mill, Rockford, Ill.
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
 Shelton Company, Shelton, Conn.
 Smith Thos. Co., Worcester Mass.
 Standard Bolt Co., Columbus, O.
 Towers & Sullivan Mfg. Co., Rome, Ga.
 Upson Nut Co., Cleveland, Ohio

1098—*Bolts (Plumbers')

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

1099—Bolts (Ring)

Auer J. Jr., 199 Middleton av, Bklyn., N. Y.
 Harvey Springs Forging Co., Racine, Wis

Laughlin Thos. Co., Portland, Me.
Marine Hardware-Equip. Co., So. Portland, Me.
Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio
Union Forging Co., Union, N. Y.
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

Bolts (Roof)

See Bolts, Bridge & Structural

1100—Bolts (Screw & Nut Eye)

Ames W. & Co., Communipaw av, Jersey City, N. J.
Lanz M. & Sons Co., 2907 Carson, Pittsburgh, Pa.
Toledo Screw Products Co., Toledo, O.
Wilcox, Crittenden & Co., Middletown, Conn.

1101— Bolts (Shackle)

Blakeslee Forging Co. (Milled), Plantsville, Conn.

CLARK BROS. BOLT CO., Milldale, Conn.

See adv index at end of book

Columbus Bolt Works Co., Columbus, O.
DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.

See adv index at end of book

Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.

Kirk-Latty Mfg. Co., Cleveland, O.

Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.

Moore Franklin Co., Winsted, Conn.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio

Upson Nut Co., Cleveland, O.

Western Automatic Machine Screw Co., Elyria, Ohio

1102— Bolts (Shaft)

Columbus Bolt Works Co. (T Head Shaft), Columbus, O.

Corbin Screw Corporation (Reverse Helicoid), New Britain, Conn.

Eagle Bolt & Forging Co., Cleveland, O.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

1103—*Bolts (Sheet Metal Fastening)

ANKYRA MFG. CO. (For Metal Sashes, Frames, etc), Wayne Junction, Phila., Pa. See adv index at end of book

1104— Bolts (Shutter)

ANKYRA MFG. CO., Wayne Junction, Phila., Pa. See adv index at end of book
Peck, Stow & Wilcox Co., Southington, Conn.

Penn Hardware Co., Reading, Pa.

Reading Hardware Co., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.

STANLEY WORKS (Wrought Steel), New Britain, Conn.

See adv index at end of book

Wrightsville Hardware Co., Wrightsville, Pa.

1105— Bolts (Sink)

American Screw Co., 21 Stevens, Providence, R. I.

ANKYRA MFG. CO. Wayne Junction, Phila., Pa. See adv index at end of book

Atlas Bolt & Screw Co. (Iron & Brass), 1000 Ivanhoe rd, Cleveland, O.

Berry Bros., Columbus, O.

Central Foundry Co., 90 West, New York

Corbin Screw Corporation, New Britain, Conn.

Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.

Kirk-Latty Mfg. Co., Cleveland, O.

Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.

National Screw & Tack Co., Stanton av S E & C P Ry, Cleveland, O.

New England Bolt Co., Everett, Mass.

Ohio Nut & Bolt Co., Berea, O.

Progressive Mfg. Co., Torrington, Conn.

Reed & Prince Mfg. Co., Worcester, Mass.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

Shelton Company, Shelton, Conn.

Upson Nut Co., Cleveland, O.

1106— Bolts (Sleigh Shoe)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.

Berry Bros., E 1st av & R R, Columbus, O.

Clark Bros. Bolt Co., Milldale, Conn.

See adv index at end of book

Corbin Screw Corporation (Plain & Reverse Helicoid), New Britain, Conn.

Foster Bolt & Nut Mfg. Co., Union av & E 72d, Cleveland, O.

Kirk-Latty Mfg. Co., Cleveland, O.

Lake Erie Iron Co., ft of E 63d, Cleveland, O.

Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.

Michigan Bolt & Nut Wks, Detroit, Mich.

Moore Franklin Co., Winsted, Conn.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

Upson Nut Co., Cleveland, O.

1107— Bolts (Socket)

Bethlehem Steel Co., So Bethlehem, Pa.

Gary Screw & Bolt Co., Gary, Ind.

Marine Hardware Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.

1107a— *Bolts (Special)

Roe & Conover, 206 Frelinghuysen av, Newark, N. J.

See adv index at end of book

1108—Bolts (Split Pipe, Expansion)

Star Expansion Bolt Co. ("Star"), 147 Cedar, New York

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

1109— Bolts (Spring)

Bowen Mfg. Co., 357 Canal, Auburn, N. Y.

Clark Bros. Bolt Co., Milldale, Conn.

See adv index at end of book

Humason & Beckley Mfg. Co., New Britain, Conn.

Steel Products Co., 2206 Clarkwood av S E, Cleveland, Ohio

Upson Nut Co., Cleveland, O. and Unionville, Conn.

Zerk Mfg. Co. ("Zerk"), E 72d, Cleveland, O.

1110— Bolts (Stay)

See also Bolts, Boiler Stay

American Flexible Bolt Co. ("American" Flexible), Union Bank bldg, Pittsburgh, Pa.

Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio

Flannery Bolt Co. ("Tate" Flexible), Vanadium bldg, Pittsburgh, Pa.

Flexible Bolt Co. ("Breakless" Flexible), Thompson av, Pittsburgh, Pa.

Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.

Hall's Samuel Sons, 229 W 10th, New York

Hendricks Bros. (Copper), 49 Cliff, New York

Hoopes & Townsend Co. (Hollow & Solid Steel), Broad & Buttonwood, Phila., Pa.

Lanz M. & Sons Co., 2907 Carson, Pittsburgh, Pa.

Ogden J. Edward (Wrought Iron), 147 Cedar, New York

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

1111—Bolts (Steering Knuckle)

Peninsular Milled Screw Co., Detroit, Mich.

1112— Bolts (Stove)

American Equipment Co., Norristown, Pa.

AMERICAN SCREW CO., 21 Stevens, Providence, R. I.

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.

Berry Bros., Columbus, O.

Clark Bros. Bolt Co., Milldale, Conn.

See adv index at end of book

Columbus Bolt Works Co., Columbus, O.

Corbin Screw Corporation, New Britain, Conn.

Estes E. B. & Sons, 358 5th av, New York

See adv index at end of book

Fanner Mfg. Co., Pearl rd, Brooklyn, Cleveland, O.

Gary Screw & Bolt Co., Gary, Ind.

Ireland & Matthews Mfg. Co., 51 Iron, Detroit, Mich.

Kirk-Latty Mfg. Co., Cleveland, O.

Lamson & Sessions Co., 2188 Scranton rd S W, Cleveland, O.

Londeluis C. A. & Sons Co., 847 W 63rd, Chicago, Ill.

Merchant & Evans, 2035 Washington av, Philadelphia, Pa.

See adv index at end of book

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Lock Co., Rockford, Ill.

National Screw & Tack Co., Stanton av S E & C P Ry, Cleveland, O.

New England Screw Co., 44 Farnsworth, Boston, Mass.

Ohio Nut & Bolt Co., Berea, O.

Reading Screw Co. (Also Nickel Plated), Norristown, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Shelton Company, Shelton, Conn.

Upson Nut Co., Cleveland, O.

1113—Bolts (Stove Pipe Joint)

Brodin Pattern & Supply Wks, 2418 W 16th, Chicago, Ill.

1114—Bolts (Strap, Wagon Box)

Bethlehem Steel Co., So Bethlehem, Pa.

Excelsior Fence Co., Spokane, Wash.

Harvey Spring & Forging Co., Racine, Wis.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

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St. Louis Screw Co., Clarence & Bulwer
avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Standard Bolt Co., Columbus, O.
Steel Products Co., 2206 Clarkwood av S
E, Cleveland, Ohio
Strieby & Foote Co., 301 Ogden, Newark,
N. J.
Upson Nut Co., Cleveland, O.
Western Automatic Mach. Screw Co., Ely-
ria, O.

1116— Bolts (Swing or Eye)

Jencks E. Mfg. Co. (Wrought), Worcester,
Mass.
Moran Bolt & Nut Mfg. Co., 1st & Florida,
St. Louis, Mo.
Morgan Spring Co., Worcester, Mass.
Parker Wire Goods Co. (Wrought), Wor-
cester, Mass.

1117— Bolts (Tap)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd,
Cleveland, O.
Bethlehem Steel Co., So Bethlehem, Pa.
CLARK BROS. BOLT CO. (& Set-Screws),
Milldale, Conn.
See adv index at end of book
DETROIT SCREW WORKS, 348 Franklin,
Detroit, Mich.
See adv index at end of book
Foster Bolt & Nut Mfg. Co., Union av &
E 72d, Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Greenlie, Wyatt & Co., 499 Water, New
York
Hall's Samuel Sons, 229 W 10th, New York
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Broad & Button-
wood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City,
Mo.
Kirk-Latty Mfg. Co., Cleveland, O.
Lake Erie Iron Co., ft of E 63rd, Cleve-
land, Ohio
Lamson & Sessions Co., 2188 Scranton rd
S W, Cleveland, O.
Lanz M. & Sons Co., 2907 Carson, Pitts-
burgh, Pa.
Maryland Bolt Co., Continental bldg, Bal-
timore, Md.
Michigan Bolt & Nut Works (Forged),
Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., 1st & Florida,
St. Louis, Mo.
New England Bolt Co., Everett, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburgh Screw & Bolt Co., Preble av,
Pittsburgh, Pa.
Republic Iron & Steel Co., Youngstown, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co.,
Port Chester, N. Y.
Ryerson Jos. T. & Son, 2558 W 16th, Chi-
cago, Ill.
St. Louis Screw Co., Clarence & Bulwer
avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Smith Thos. Co., Worcester, Mass.
Upson Nut Co., Cleveland, O.
Western Automatic Machine Screw Co.,
Elyria, O.

1118— Bolts ("T" Head)

American Equipment Co., Norristown, Pa.
Eagle Bolt & Forging Co., Cleveland, O.
Gary Screw & Bolt Co., Gary, Ind.
Kansas City Bolt & Nut Co., Kansas City,
Mo.
Moran Bolt & Nut Mfg. Co., 1st & Florida,
St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R,
Pittsburgh, Pa.
Pittsburgh Screw & Bolt Co., Preble av,
Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer
avs, St. Louis, Mo.

1119— Bolts (Thumb)

Hall's Samuel Sons, 229 W 10th, New York
St. Louis Screw Co., Clarence & Bulwer
avs, St. Louis, Mo.
Western Automatic Machine Screw Co.,
Elyria, Ohio

1120— Bolts (Tire)

AMERICAN SCREW CO., 21 Stevens,
Providence, R. I.
Atlas Bolt & Screw Co., 1000 Ivanhoe rd,
Cleveland, O.

Berry Bros., Columbus, O.
Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
Columbus Bolt Works Co., Columbus, O.
Corbin Screw Corporation, New Britain,
Conn.
Foster Bolt & Nut Mfg. Co., Union av & E
72nd, Cleveland, O.
Haydon A. & M., 304 N 22d, Phila., Pa.
Hoopes & Townsend Co., Broad & Button-
wood, Phila., Pa.
Kirk-Latty Mfg. Co., Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd
S W, Cleveland, O.
Michigan Bolt & Nut Wks, Detroit, Mich.
National Screw & Tack Co., Stanton av S
E & C & P Ry, Cleveland, O.
New England Bolt Co., Everett, Mass.
New England Screw Co., 44 Farnsworth,
Boston, Mass.
Ohio Nut & Bolt Co., Berea, O.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell Burdsall & Ward Bolt & Nut Co.,
("Empire") Port Chester, N. Y.
Skelly Thos. P. Bolt Co., 24th & Carlton,
Phila., Pa.
Upson Nut Co. (Common & "Philadel-
phia"), Cleveland, O.

1121—*Bolts (Tobin Bronze)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1122— Bolts (Toggle)

ANKYRA MFG. CO. ("Ankyra"), Wayne
Junction, Phila., Pa.
See adv index at end of book
Bethlehem Steel Co., So Bethlehem, Pa.
Bonnell W. A. Co., 132 Church, New York
Chicago Expansion Bolt Co. ("Chicago"),
2513 W 20th, Chicago, Ill.
Chicago Nut Co. ("Ajax"), 617 W Jackson
blvd, Chicago, Ill.
Church Isaac H., South Norwalk, Conn.
Cutter Geo. Co., South Bend, Ind.
DIAMOND EXPANSION BOLT CO. ("Dia-
mond" Iron, Steel & Brass), 89 West,
New York *See adv index at end of book*
Grabler Mfg. Co., 6565 Broadway, Cleve-
land, O.
McGill Mfg. Co. ("Crescent"), 77 Oak,
Valparaiso, Ind.
See adv index at end of book
STAR EXPANSION BOLT CO. ("Sebco,"
"Star" All Kinds), 147 Cedar, New
York
Steward & Romaine Mfg. Co., 124 N 6th,
Phila., Pa.
Wrigley Thos. Co. ("Wrigley," Patented
Steel), 416 S Dearborn, Chicago, Ill.

1123—Bolts (Toggle, Boiler Patch)

Star Expansion Bolt Co., 147 Cedar, New
York
Steward & Romaine Mfg. Co. (For Range
Boilers), 124 N 6th, Phila., Pa.

1124— Bolts (Track)

American Bolt Co., Birmingham, Ala.
American Equip. Co. (Steel), Norristown,
Pa.
Ames W. & Co., Communipaw av, Jersey
City, N. J.
Ballard Drop Forge Co. ("Ballard"), Seat-
tle, Wash.
Bayonne Bolt & Nut Co., Bayonne, N. J.
Bethlehem Steel Co. ("Never Turn,"
"Mayari"), So. Bethlehem, Pa.
Cambria Steel Co., Widener bldg, Phila.,
Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Continental Bolt & Iron Works, 2225 W
43rd, Chicago, Ill.
Foster Bolt & Nut Mfg. Co., Union av & E
72nd, Cleveland, O.
Hoopes & Townsend Co., Broad & But-
tonwood, Philadelphia, Pa.
Hubbard & Co., 63rd & Butler, Pittsburgh,
Pa.
Illinois Steel Co., 208 S La Salle, Chicago,
Ill.
Inland Steel Co., First Nat'l Bank bldg,
Chicago, Ill.
Judson Mfg. Co., 819 Folsom, San Fran-
cisco, Cal.
Kansas City Bolt & Nut Co. ("Harvey
Grip"), Kansas City, Mo.
Kirk-Latty Mfg. Co., Cleveland, O.
Lake Erie Iron Co., ft of E 63rd, Cleve-
land, O.

Lamson & Sessions Co., 2188 Scranton rd
S W, Cleveland, O.
Lanz M. & Sons Co., 2907 Carson, Pitts-
burgh, Pa.
Maryland Bolt Co., Continental bldg, Bal-
timore, Md.
Michigan Bolt & Nut Wks, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., 1st & Florida,
St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh,
Pa.
New England Bolt Co., Everett, Mass.
Oliver Iron & Steel Co. (Threads Rolled or
Cut in Oil), S 10th & Muriel, Pitts-
burgh, Pa.
Pittsburgh Forge & Iron Co., 1003 Penn av,
Pittsburgh, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., Youngstown, O.
Roe & Conover, 206 Frelinghuysen av,
Newark, N. J.
See adv index at end of book
St. Louis Screw Co., Clarence & Bulwer
avs, St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa.
Steel Car Forge Co. (Rolled or Cut
Thread), Frick bldg, Pittsburgh, Pa.
Upson Nut Co., Cleveland, O.

1125—*Bolts (Trolley Span, Wire Work)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1126— Bolts ("U")

See also Staples, Nuted

American Equipment Co., Norristown, Pa.
JEFFREY MFG. CO., 961 N Fourth, Co-
lumbus, O. *See adv index at end of book*
Kansas City Bolt & Nut Co., Kansas City,
Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh,
Pa.
Link-Belt Co., 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av & P &
R Ry, Phila., Pa.
See adv index at end of book
Moran Bolt & Nut Mfg. Co., 1st & Florida,
St. Louis, Mo.
National Bolt & Nut Co., Pittsburgh, Pa.
Ohio Nut & Bolt Co., Berea, O.
Pittsburgh Knife & Forge Co., 709 Bel-
mont, Pittsburgh, Pa.
Pittsburgh Rivet Co., 38th & Junction R R,
Pittsburgh, Pa.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
St. Louis Screw Co., Clarence & Bulwer
avs, St. Louis, Mo.
Upson Nut Co., Cleveland, O.

1127—*Bolts (Wall Fixture)

ANKYRA MFG. CO., Wayne Junction,
Phila., Pa. *See adv index at end of book*

1128— *Bolts (Wall Plate)

ANKYRA MFG. CO., Wayne Junction,
Phila., Pa. *See adv index at end of book*
ST. PAUL FOUNDRY CO., Como av &
Mackubin, St. Paul, Minn.
See adv index at end of book

1129—Bolts (Water Closet Indica- tor)

ANKYRA MFG. CO., Wayne Junction,
Phila., Pa. *See adv index at end of book*
Columbus Brass Co., 538 Dublin av, Co-
lumbus, O. *See adv index at end of book*
Edwardsville Brass Co., Edwardsville, Ill.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain,
Conn.
Yale & Towne Mfg. Co., 9 E 40th, New
York

1130— Bolts (Whiffletree)

Atwater Mfg. Co., Plantsville, Conn.
Columbus Bolt Works Co., Columbus, O.
Eagle Bolt & Forging Co., Cleveland, O.
Lamson & Sessions Co., 2188 Scranton rd S
W, Cleveland, O.
Moore, Franklin Co., Winsted, Conn.
Rockford Bolt Co., 60 Mill, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co.,
Port Chester, N. Y.
Upson Nut Co., Cleveland, O.

1130a— *Bolts and Nuts

RYERSON JOS. T. & SON (Merchants), 2558 W 16th, Chicago, Ill.; 2218 N 2d, St. Louis, Mo.; 30 Church, New York; 726 Ford bldg, Detroit, Mich.

1131— Bone-Ash

Denver Fire Clay Co., Denver, Colo.
Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.
Heil Henry Chemical Co. (Imported), St. Louis, Mo.
Wiarda Jno. C. & Co. (White), 273 Greene, Brooklyn, N. Y.

1132— Bone Black

See also Rawbone, Granulated
American Agricultural Chemical Co., 2 Rector, New York
Baker H. J. & Bro. (Discard, Dissolved, etc Dealers), 81 Fulton, New York
Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Binney & Smith Co. (& Blacks of Every Description), 81 Fulton, New York
Fezandie Felix, 205 Fulton, New York
Listers Agricultural Chemical Works, 2 Rector, New York
Michigan Carbon Works, Delray, Detroit, Mich.
Seaver & Co., 120 Milk, Boston, Mass.
Siemon & Elting, 99 Nassau, New York
Smith J. Lee & Co., 19 Jacob, New York
Uhlich Paul & Co., 11 Cliff, New York

1133— Bone Dealers

Baker H. J. & Bro. (Rough & Ground, Imp), 81 Fulton, New York
Brand Herman, 404 E 48th, New York
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Dold Jacob, Packing Co. (Steamed Bone), Buffalo, N. Y., & Wichita, Kan.
Hollingshurst & Co. (Importers), 66 Beaver, New York
Pittsburgh Provision & Packing Co. (Sawed, etc), Herrs Island, Pittsburgh, Pa.
Van Iderstine Co. (Steamed Ground), Long Island City, New York
White Thos. H. & Co., 11 S Gay, Baltimore, Md.
Wilson & Co., 41st & Ashland av, Chicago, Ill.

1134— Bone (Ground)

Baugh & Sons Co., 20 S Delaware av, Phila., Pa.
Bell & Gossett (Case-Hardening), Archer av & Mary, Chicago, Ill.
Dockwiler & Kingsbury Co., Indianapolis, Ind.
Hafeigh & Co., Cambria & No American, Phila., Pa.
Page Carroll S., Hyde Park, Vt.
Pittsburgh Provision & Packing Co., Herrs Isl., Pittsburgh, Pa.
Rogers Mfg. Co., Middlefield, Conn.
Rogers & Hubbard Co., Rockfall, Conn.
Wilson & Co., 41st & Ashland av, Chicago, Ill.

1135— Bone-Meal

See also Bone-Black; also Rawbone, Granulated
American Agricultural Chemical Co., 2 Rector, New York
Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
Baker H. J. & Bro. (Importers of Calcutta, Bombay, etc), 81 Fulton, New York
Baugh & Sons Co., 20 S. Delaware av, Phila., Pa.
Consolidated Rendering Co., 40 N Market, Boston, Mass.
Cooper's Peter Glue Factory, 11th av & 28th, Brooklyn, N. Y.
Hawaiian Fertilizer Co., Honolulu, H. I.
Hafeigh & Co., Cambria & No. America, Phila., Pa.
Heller Jos. S. (Imp.), 62 William, New York
Hollingshurst & Co. (Raw Imp.), 66 Beaver, New York
Munro Robt. A. & Co. (Imp), 56 Pine, New York
Nitrate Agencies Co. (Imp.), 102 Pearl, New York

Pittsburgh Provision & Packing Co. (Raw), Herrs Isl, Pittsburgh, Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
White Thos. H. & Co. (Importers), 11 S Gay, Baltimore, Md.

1135a—*Bookbinders' Supplies

DU PONT FABRIKOID CO., Wilmington, Del.
For branch offices see adv index at end of book

1135b—*Book Binding Material (Leather Type)

DU PONT FABRIKOID COMPANY (Book Finish Fabrikoid: A superb book binding material of the leather type. Appearance equal to leather but much less costly. Waterproof and practically indestructible. Full particulars and samples on request) Wilmington, Delaware
For branch offices see adv index at end of book

1136— Book Cases

Acme Kitchen Furniture Co., Chattanooga, Tenn.
Aimone Mfg. Co. (Combination), 430 E 23d, New York
Andrews A. H. Co. (Combination, Revolving & Sectional), 115 S Wabash av, Chicago, Ill.
Automatic File & Index Co. (Sectional), Green Bay, Wis.
Buchanan Cabinet Co. (Revolving), Buchanan, Mich.
Central Wood Turning Co. (To Order) 610 N E Main, Minneapolis, Minn.
Conrey D. L. Furniture Co. (Combination), Shelbyville, Ind.
Co-Operative Furniture Co. (Combination), Rockford, Ill.
Danner John Mfg. Co. (Sectional), Canton, O.
Derby Desk Co., Somerville, Mass.
Dexter H. C. Chair Co. (Mission), Black River, N. Y.
Diven Mfg. Co. (Sectional), Elmira, N. Y.
Dornette J. & Bro. Co. (Sectional), 1256 Harrison av, Cincinnati, O.
Globe-Wernicke Co. (Sectional), 25 Carthage av, Cincinnati, O.
Grand Rapids Bookcase & Chair Co., Hastings, Mich.
Gunn Furniture Co. (Sectional), Grand Rapids, Mich.
Hale F. E. Mfg. Co. (Sectional), Herkimer, N. Y.
Humphrey-Widman Bookcase Co. (Sectional), Kirby & 14th, Detroit, Mich.
Ideal Desk Co. (Sectional Folding), Auburn, Me.
Library Bureau (Sectional), 43 Federal, Boston, Mass.
Lundstrom C. J. Mfg. Co. (Sectional), Little Falls, N. Y.
Macey Co. (Sectional), Grand Rapids, Mich.
New Farson Mfg. Co., Chester, Pa.
Rockford Standard Furniture Co. (Combination), Rockford, Ill.
Sargent Mfg. Co. (Revolving), Muskegon, Mich.
SNEAD & CO. IRON WORKS, Inc. (Metallic), 98 Pine, Jersey City, N. J.
See adv index at end of book
Terrill's Equipment Co. (Steel), B'way, Grand Rapids, Mich.
Udell Works, Indianapolis, Ind.
Weis Mfg. Co. ("Weis" Sectional), Monroe, Mich.

Book Stacks (Fire-Proof)

See Library Shelving & Fittings, Metallic

1137—Books (Copying, Letter)

Anchor Paper Co., Windsor Locks, Conn.
Bailey Mfg. Co., Berlin, Conn.
Boorum & Pease Co., 109 Leonard, New York
Bushnell Alvah Co., Phila., Pa.
Mann, Wm. Co., Phila., Pa.
New York Blank Book Co., 316 Hudson, New York
Razall H. G. Mfg. Co., Milwaukee, Wis.
Shaw J. G. (The) Blank Book Co., 72 Walker, New York
Whittelsey F. H. Co., Windsor Locks, Conn.

1137a— Books (Coupon)

Allison Coupon Co., Indianapolis, Ind.
Rand McNally & Co. (Self-Indicating), Chicago, Ill.
Southern Coupon Co., Birmingham, Ala.

1138— Books (Field)

Keuffel & Esser, Hoboken, N. J.

1139— Books (Level)

Keuffel & Esser, Hoboken, N. J.

1140— *Books (Meter)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y. *See adv index at end of book*

1141— *Booms (Loading)

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO. (For Coal, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

1142— Boosters (Electric)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Crocker-Wheeler Co., Ampere, N. J.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*

1143— Boosters (Gas)

Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

1144—Booths (Moving Picture Machine)

Duluth Corrugating & Roofing Co. (Fire Proof, Portable), Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
Johns H. W.-Manville Co. ("J.-M," Asbestos, Wood & Cloth), Madison av & 41st, New York
Littleford Bros., 444 E Pearl, Cincinnati, Ohio
Stirrups Mfg. Co., 257 Greenwich, New York

Booths (Telephone)

See Telephone Cabinet Work

1145— Bootjacks

Grey Iron Casting Co. (Cast), Mt. Joy, Pa.
Nicol & Co. ("Bull Dog"), 218 N Jefferson, Chicago, Ill.

1146— Boots (Elevator)

Barnard & Leas Mfg. Co. ("Perfection," etc, Iron or Wood), Moline, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Batavia Engineering Works, Batavia, Ill.
Caldwell H. W. & Son Co. ("Caldwell" Self-Oiling, etc), 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Graver Wm. Tank Works, East Chicago, Ind.
Great Western Mfg. Co., Leavenworth, Kans.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.
Marseilles Co., East Moline, Ill.
Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

Nordyke & Marmon Co., 1290 Kentucky av., Indianapolis, Ind.
 Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
 Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
 Standard Sand & Machine Co., 5150 St. Clair av., Cleveland, O.
 United Iron Works Co., Springfield, Mo.
 Walker & Elliott ("Wood & Iron"), 2d & Lombard, Wilmington, Del.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av., Chicago, Ill.
 Wolf Co., Chambersburg, Pa.

1147—Boots (Horse Lawn, Etc.)

Curtis Dexter Co., Madison, Wis.
 Fennell John J. & Sons, Cynthiana, Ky.
 Langstroth T. W., 77 Warren, New York
 Zink Collar Pad Co., Buchanan, Mich.

1148—Boots (Hunting)

Arrah-Wanna Moccasin Co., Brockton, Mass.
 Witchell-Sheill Co. ("Witch-Elk"), 168 Brooklyn, Detroit, Mich.

1149—Boots (Leather, Wooden Sole)

Riemer Albert H. Shoe Co., 431 29th, Milwaukee, Wis.

1150—Boots (Sewer Connection)

Canton Foundry & Machine Co., Canton, O.
 Canton Mfg. Co. (Cast Iron), Canton, O.
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

1151—Boots (Steering Knuckle)

Allen Auto Specialty Co., 16 W 61st, New York
 Gilbert Mfg. Co., New Haven, Conn.

1152—Boots & Shoes (Felt)

American Felt Co., 100 Summer, Boston, Mass.
 Beatty Felting Co. (Shoes & Slippers), Mishawaka, Ind.
 Blum Shoe Mfg. Co. (Also Wool Lined), Dansville, N. Y.
 Dolgeville Felt Shoe Co., Dolgeville, N. Y.
 Draper Bros. Co., Canton, Mass.
 Green Daniel Felt Shoe Co., Boston, Mass.
 Hastings Wool Boot Co., Hastings, Mich.
 Little Falls Felt Shoe Co., Little Falls, N. Y.
 Medford Woolen Mfg. Co., Medford, Mass.
 Standard Felt Co., Dolgeville, Cal.

1153—Boots & Shoes (Rubber)

American Rubber Co., 130 Essex, Boston, Mass.
 Apsley Rubber Co., Hudson, Mass.
 Banner Rubber Co., Keurick & Bittner, St. Louis, Mo.
 Bates J. E. & Co. ("Ironwear" Leather Sole), 202 Church, New York
 Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
 Boston Rubber Shoe Co., Malden, Mass.
 Bourn Rubber Co., 58 Warren, Providence, R. I.
 Candee L. & Co., New Haven, Conn.
 Converse Rubber Shoe Co., Malden, Mass.
 Goodrich B. F. Co., Akron, O.
 Goodyear Metallic Rubber Shoe Co., Naugatuck, Conn.
 Goodyear Rubber Co., & Rubber Clothing Co., 787 Broadway, New York
 Hood Rubber Co., Watertown, Mass.
 La Crosse Rubber Mills Co., La Crosse, Wis.
 Lambertville Rubber Co., Lambertville, N. J.
 Mishawaka Woolen Mfg. Co., Mishawaka, Ind.
 Mulconroy Co. ("7 League" Leather Soled with Iron Heels), 54th & Jefferson, Phila., Pa.
 National India Rubber Co., Bristol, R. I.
 Pioneer Shoe & Rubber Co., 27 No 3d, Minneapolis, Minn.
 Rubberhide Co. ("Rubberhide" Leather Sole), 212 Essex, Boston, Mass.
 Woonsocket Rubber Co., Woonsocket, R. I.

1154—Boots & Shoes (Wool)

Hastings Wool Boot Co., Hastings, Mich.
 Michigan Wool Boot Co., Hastings, Mich.
 Mishawaka Woolen Mfg. Co., Mishawaka, Ind.

1155—Borax

Croton Chemical Co. (Refined), 14 Cedar, New York
 Denver Fire Clay Co. (Glass), Denver, Colo.
 Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.
 Heil Henry Chemical Co. (Borax Glass), St. Louis, Mo.
 McIlvane Bros. (Powder), 1500 Hamilton, Phila., Pa.
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
 Pacific Coast Borax Co. (Refined), Oakland, Cal., & Bayonne, N. J.
 Pfizer Chas. & Co. (Crystals, Powdered & Granular), 81 Maiden la, New York
 Rhodes Salt & Borax Co., San Francisco, Cal.
 Thorkildsen-Mather Co. ("Sterling"), 111 W Monroe, Chicago, Ill.
 Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

1156—Borers (Bung Hole)

Buecker Henry F., Newport, Ky.
ELMES CHAS. F. ENGINEERING WKS Inc. Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
 Enterprise Mfg. Co. (of Pa.), 3d & Dauphin, Phila., Pa.
 Hynson Tool & Supply Co. ("Hynson" Borer & Reamer), 4758 Easton av., St. Louis, Mo.
 Oram John S Co. ("Oram's" Hand), Cleveland, O.
 Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
 Swan Jas. Co. (Graduated & Ring), Seymour, Conn.
 United States Bung Mfg. Co. ("Kirby"), 48 S 2d, Brooklyn, N. Y.
 White L. & I. J. Co. ("Philadelphia," "Kirby"), 120 Columbia, Buffalo, N. Y.

Borers (Ratchet Corner)

See Bit Braces

1157—Borers (Tap)

Bernz Otto, 21 Ashland av., Newark, N. J.
 Buffum Tool Co. ("Swastika" Plumbers'), South Side, Louisiana, Mo.
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
 Ives W. A. Mfg. Co. ("Mephisto," "Ives," "Enterprise Pattern"), Wallingford, Conn.
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York
 Johnson Wm. (Hedenberg, Wis.), Newark, N. J.
 Lowentraut P. Mfg. Co. ("W-S"), 36 Brenner, Newark, N. J.
 Osborne C. S. & Co., Harrison, N. J.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.

1158—Boron Flux

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Bortz

See Carbons, Black Diamonds & Bortz

1159—Boshes (Mechanical)

Columbiana Boiler Co., Columbiana, O.
 Heyl & Patterson, 51 Water, Pittsburgh, Pa.
 Meehan Boiler & Const. Co., Lowellville, Ohio

1160—Boters (Creamery)

Westinghouse Co. ("Westinghouse"), Schenectady, New York

1161—Bottle Fillers (Milk, Etc.)

Champion Milk Cooler Co., Cortland, N. Y.
 Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
 Wright R. G. & Co., Buffalo, N. Y.

1162—Bottle Racks (Milk)

Andrews Wire & Iron Works, Rockford, Ill.
 Atlas Mfg. Co., New Haven, Conn.
 Barbee Wire & Iron Works, 172 N Dearborn, Chicago, Ill.
 Loyal Mfg. Co., Philadelphia, Pa.
 Smith Jno. P. & Co., New Haven, Conn.

1163—Bottle Wrappers (Corrugated)

Gair Robt. Co., Washington & Plymouth, Brooklyn, N. Y.
HINDE & DAUCH PAPER CO. ("Climax"), Sandusky, O.
 Illinois Glass Co., Alton, Ill.
 Lawrence Paper Mfg. Co., Lawrence, Kans.
 Nivision-Weiskopf Co., 318 Elm, Cincinnati, O.
 Nixon & Costello Co., Dayton, O.
 Oshkosh Bottle Wrapper Co., Oshkosh, Wis.
 Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
 Thompson & Norris Co. The, Concord & Prince, Brooklyn, N. Y.
 Warner & Childs Co., Medford, Mass.

1164—Bottles (Aluminum)

Buckeye Aluminum Co. ("Real Solid," Seamless), Wooster, O.

1165—Bottles (Cubic Foot)

American Meter Co., 11th av & 47th, New York

1166—Bottles (Fibre)

See Cans, Fibre

1167—Bottles (Glass)

CALIFORNIA.

SAN FRANCISCO—Illinois-Pacific Glass Co. (Amber, Green & Flint, of all Descriptions), 15th & Folsom
 Pacific Coast Glass Wks, 7th & Irwin

ILLINOIS.

ALTON—Illinois Glass Co.
BELLEVILLE—American Bottle Co. (See Chicago, Ill.)
CHICAGO—American Bottle Co., 1st Nat'l Bk bldg. Works: Newark, O., & Streator, Ill.
 Illinois Glass Co., 402 W Randolph (See Alton, Ill.)
 Western Bottle Mfg. Co., 402 W Randolph
EAST ST. LOUIS—Obear-Nester Glass Co. (See St. Louis, Mo.)
HILLSBORO—Schram Glass Mfg. Co. (See St. Louis, Mo.)
STREATOR—American Bottle Co. (See Chicago, Ill.)
 Thatcher Mfg. Co. (Milk)

INDIANA.

ANDERSON—Pennsylvania Glass Co. (Flint)
DALEVILLE—Daleville Glass Co. (Prescription, Druggists', Preservers', Packers')
DUNKIRK—Maring, Hart & Co. (Beer, Soda, Wine, Brandy, Preservers', Packers')
EATON—Western Flint Glass Co.
FAIRMOUNT—Bell Bottle Co.
GAS CITY—Thompson Bottle Co. (Prescription, Beer, Wine, Soda, Brandy, Proprietary Medicine, Packers' & Preservers') (See Illinois Glass Co., Alton, Ill.)
 U. S. Glass Co. (See Pittsburgh, Pa.)
GREENFIELD—Ball Bros. Glass Mfg. Co. (See Muncie, Ind.)
INDIANAPOLIS—Fairmount Glass Works (Flint, Amber, Green & Blue), Keystone & Belt
KOKOMO—Jenkins D. C. Glass Co. (Milk, Cherry & Olive)
LAPEL—Lapel Bottle Co.
MARION—Marion Flint Glass Co. (Prescription, Wine, Beer, Soda, Packers', Preservers')
 Standard Glass Co.
MUNCIE—Ball Bros. Glass Mfg. Co. (Packers' & Preservers'), Works: Muncie, Ind. & Wichita Falls, Texas
SUMMITVILLE—Model Glass Works (Prescription & Druggists')
TERRE HAUTE—North Baltimore Bottle Glass Co. (Beer, Soda, Wine, Brandy, etc)
 Root Glass Co. (Beer, Soda, Liquor)
 Turner Bros. Co. (Flint & Amber)

WINCHESTER—Woodbury Glass Co. (Flint, Brandy, Machine, Machine Oil, Manganese, Blueing, Screw Cap, etc, also Flasks)
YORKTOWN—Skillen-Goodin Glass Co. (Catsup, Condiment, Prescription, Extract, Pickle)

MARYLAND.

BALTIMORE—Buck Glass Co. (All Kinds of Hand & Machine Blown Flint Glass Bottles), Fort av & Lawrence
 Carr-Lowrey Glass Co. (Druggists', Chemists' & Perfumers' Glassware), Westport
 Swindell Bros. (Druggists', Chemists', Perfumery Green Amber), Bayard & Russell
MOUNT WINANS—Maryland Glass Corporation

MISSOURI.

ST. LOUIS—Busch Adolphus Glass Mfg. Co. (Beer), Main & Dorcas
 Obear-Nester Glass Co., 2d & Chestnut; Works: East St. Louis, Ill.
 Schram Glass Mfg. Co., Wright bldg. Works: Hillsboro, Ill.

NEW JERSEY.

BRIDGETON—Cumberland Glass Mfg. Co. (Prescription, Beer, Wine, Brandy, Soda, Packers)
 More Jonas Glass Co. (Prescription, Packers', Preservers')
 Parker Bros. Glass Mfg. Co. (Green Prescription, Beer, Soda, Wine, Brandy, Packers', Preservers')
CAPE MAY COURT HOUSE—Cape May Glass Co.
CLAYTON—Pierce F. M. & Co. (Prescription, Proprietary Medicine)
GLASSBORO—Whitney Glass Works (Green, Flint, Prescription, Packers', Preservers')
MEDFORD—Star Glass Co. Ltd. (Prescription, Beer, Wine, Soda, Brandy)
MILLVILLE—Millville Bottle Works (Prescription, Proprietary Medicine)
 Wheaton T. C. Co.
 Whittall Tatum Co. (See Phila., Pa.)
MINOTOLA—Minotola Glass Co.
OLD BRIDGE—Brookfield Glass Co. (See New York City)
SALEM—Gayner Glass Works (Large Ware)
 Salem Glass Works (All Kinds)

NEW YORK.

BINGHAMTON—Binghamton Glass Co. (Prescription, Beer, Soda, Wine, Brandy, Packers', Preservers')
CLYDE—Clyde Glass Works
CORNING—Corning Glass Works
ELMIRA—Thatcher Mfg. Co. (Milk, Flint, Glass)
LANCASTER—Industrial Glass Co.
LOCKPORT—Lockport Glass Co. (Milk Bottles Only)

NEW YORK CITY.**Borough of Brooklyn.**

BROOKLYN—Demuth Glass Mfg. Co., Garden av
 Gleason-Tiebout Glass Co., 93 Commercial
 Williamsburg Flint Glass Co., 260 Boerum

Boroughs of Manhattan and Bronx.

NEW YORK—Boley B., 157 10th av.
 Bottlers' & Mfrs.' Supply Co., 218 E 37th. Works: Brooklyn, N. Y.
 Wagner Glass Works (Acid & Skim Milk Test), 697 E 132d

Borough of Queens.

LONG ISLAND CITY—Bottlers' & Mfrs.' Supply Co. (See New York)

End of New York City

OLEAN—Acme Glass Co.
ROCHESTER—Reed F. E. Glass Co.

OHIO.

BELLAIRE—Bellaire Bottle Co. (Flint, Prescription & Druggists')
BUTLER—Butler Bottle Co. (Milk Bottles Only)
CAMBRIDGE—Cambridge Glass Co. (Balsam)
CINCINNATI—Boldt Chas. Co., Davis Ln. & Penn. Ry. Works: Muncie, Ind.
 Nivison-Weiskopf Co., 318 Elm. Works: Reading, O.
COLUMBUS—Federal Glass Co.
 Winslow Glass Co. (Prescription, Beer, Wine, Soda, Brandy, Packers' & Preservers')
COSHOCOTON—Coshocoton Glass Co. (Beer, Wine, Soda, Brandy)
MASSILLON—American Bottle Co. (See Chicago, Ill.)
 Rhodes Glass & Bottle Co.
MOUNT VERNON—Essex Glass Co. (Milk Bottles Only)
NEWARK—American Bottle Co. (See Chicago, Ill.)
 Heisey A. H. & Co. (Prescription, Druggists')
READING—Nivison-Weiskopf Co. Office: Cincinnati, O.
TOLEDO—Owens Bottle Machine Co.
ZANESVILLE—Kearns-Gorsuch Bottle Co. (Mineral Water, Extract, Flint, Liquor, Prescription, Green, Beer, Pickle, etc)

OREGON.

PORTLAND—Kerr A. H. & Co. (Milk, etc)

PENNSYLVANIA.

BEAVER FALLS—Co-Operative Flint Glass Co. (Bar)
BRADFORD—Berney-Bond Glass Co.
BROCKWAYVILLE—Brockway Machine Bottle Co. (Machine Made Ink, Mucilage, Vaseline, etc)
CHARLEROI—Imperial Glass Co. (Prescription, Beer, Soda, Wine, Packers', etc)
EAST STROUDSBURG—East Stroudsburg Glass Co. (Beer, Soda, Wine, Brandy)
 Scott-Warman Glass Co.
GLASSPORT—U. S. Glass Co. (See Pittsburgh, Pa.)
GLENSHAW—Glenshaw Glass Co.
HAWLEY—Hawley Glass Co. (Beer, Soda, Wine, Packers', Preservers')
JEANETTE—Jeanette Glass Co. (Prescriptions, Beer, Soda, Wine, Packers', Tinctures, etc)
 McKee Glass Co. (Druggists')
KANE—Kane Flint Bottle Co. (Prescription, Beer, Soda, Wine, etc)
 Thatcher Mfg. Co. (See Elmira, N. Y.)
McDONALD—Crescent Bottle Co.
PHILADELPHIA—Star Glass Co., 106 N 4th (See Glassboro, N. J.)
 Whittall Tatum Co. (Prescription, Ink, Mucilage, Sauce, Catsup, Mustard, Wine, Water, Perfumes, Vials, etc), 410 Race
 Whitney Glass Works, Bullitt bldg. (See Glassboro, N. J.)
PITTSBURGH—Cunningham D. O. Glass Co. (Beer, Soda Water), Jane & 22d
 Flaccus C. L. Glass Co., Empire bldg
 Hamilton J. T. & A., 26th & A V R R
 U. S. Glass Co. (Prescription, Druggists'), S 9th & Bingham. Works: Pittsburgh & Glassboro, Pa., & Gas City, Ind.
READING—Reading Glass Works
ROCHESTER—Rochester Tumbler Co. (Water, Bitter, Beer)
ROYERSFORD—Diamond Glass Co. (Soda, Wine, Bitters, Druggists', Beer)
 Newborn W. H. & Co. (Prescription, Beer, Soda, Wine, Packers')
SHEFFIELD—Sheffield Glass Bottle Co. (Prescription, Wine, Beer, Soda, Brandy, Packers' & Preservers')
TARENTUM—Fidelity Glass Co. (Prescription, Druggists', Preservers')
 Flaccus C. L. Glass Co. (Flint, Prescription & Druggists')
UNIONTOWN—Keystone Bottle Mfg. Co.
WASHINGTON—Hazel-Atlas Glass Co. (See Wheeling, W. Va.)

SOUTH CAROLINA.

COLUMBIA—Carolina Glass Co. (Prescription, Beer, Soda, Wine, Brandy)

TENNESSEE.

CHATTANOOGA—Chattanooga Bottle & Glass Mfg. Co.

VIRGINIA.

ALEXANDRIA—Alexandria Glass Co. (Beer, Soda, Wine, Brandy, Packers', Preservers')
 Old Dominion Glass Co. (Prescription, Beer, Proprietary Medicines, Wine, Soda, Brandy Packers)
 Virginia Glass Co. (Beer, Wine, Soda, Brandy, Preservers' Proprietary Medicine Packers')
RICHMOND—American Glass Works

WEST VIRGINIA.

CLARKSBURG—Hazel-Atlas Glass Co. (See Wheeling, W. Va.)
 Travis Glass Co. ("Travis" Milk, etc)
FAIRMONT—Fairmont Bottle Co. (Beer, Wine, Soda, Brandy, Packers' & Preservers')
PADEN CITY—Duquesne Glass Co. (Beer, Soda, Wine, Brandy)
WHEELING—Central Glass Works (Prescription, Druggists')
 Hazel Atlas Glass Co. (Snuff, Ink, Jam, Oil, Olive & Vaseline). Works: Washington, Pa., & Clarksburg, W. Va.
 North Wheeling Glass Co.

WISCONSIN.

MILWAUKEE—Franzen Wm. & Son, Chase & George

1168—Bottles (Hot Water, Metal)

Campbell A. S. Co. ("Cello"), 284 Commercial, Boston, Mass.
 Landers, Frary & Clark ("Universal," Aluminum), New Britain, Conn.
 Metal Specialties Co. ("New Era"), Attleboro, Mass.
 Pressed Aluminum Co., 3 Cypress, Worcester, Mass.

1169— Bottles (Milk)

Alexandria Glass Co., Alexandria, Va.
 Binghamton Glass Co., Binghamton, N. Y.
 Butler Bottle Co., Butler, O.
 Chicago Heights Bottle Co., Chicago Heights, Ill.
 Cumberland Glass Mfg. Co., Bridgeton, N. J.
 Essex Glass Co., Mt. Vernon, O.
 Fairmont Bottle Co., Fairmont, W. Va.
 Fidelity Glass Co., Tarentum, Pa.
 Flaccus C. L. Glass Co., Tarentum, Pa.
 Greensburg Glass Co., Greensburg, Pa.
 Hamilton J. T. & A., 26th & A V R R, Pittsburgh, Pa.
 Illinois Glass Co., Alton, Ill.
 Illinois-Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
 Imperial Glass Co., Charleroi, Pa.
 Jeannette Glass Co., Jeannette, Pa.
 Jenkins D. C. Glass Co., Kokomo, Ind.
 Lockport Glass Co., Lockport, N. Y.
 Maring Hart & Co., Dunkirk, Ind.
 Marion Flint Glass Co., Marion, Ind.
 Obear-Nester Glass Co., East St. Louis, Ill.
 Standard Milk Bottling Works, Parkersburg, W. Va.
 Thatcher Mfg. Co., Elmira, N. Y.
 Travis Glass Co., Clarksburg, W. Va.
 Whittall Tatum Co., 410 Race, Phila., Pa.
 Whitney Glass Works, Glassboro, N. J.
 Williamstown Glass Co., Williamstown, N. J.
 Winslow Glass Co., Columbus, O.

1170— Bottles (Paper)

Sanitary Paper Products Co., 400 Chestnut, Phila., Pa.

1171— Bottles (Rubber)

American Hard Rubber Co. (Hard Rubber for Chemical Plants, etc), 9 Mercer, New York
 Bishop Gutta-Percha Co., 420 E 25th, New York
 Parker-Stearns & Co. ("Alpha," "Omega," Water, Nursing, etc), 286 Sheffield av, Brooklyn, N. Y.
 Rubber Products Co. (Water), Barberton, Ohio
 Tyer Rubber Co. ("Ajax," "Higrade," "Criterion," "La Grange," "Champion," "Lion," "L. E. Gant," "Tyrian," Water, Nursing, etc), Andover, Mass.

1172— Bottles (Steel)

Federal Pressed Steel Co. (Cold Drawn),
Keefe & North Pierce, Milwaukee, Wis.
Pressed Steel Tank Co. (Seamless Drawn),
58th & Greenfield av, Milwaukee, Wis.

1173— Bottles (Vacuum)

American Thermos Bottle Co., Norwich,
Conn.
Icy Hot Bottle Co., 122 W 2nd, Cincinnati,
Ohio
Janus Vacuum Goods Co., 260 West New
York
Landers, Frary & Clark ("Universal"),
New Britain, Conn.
Simplex Vacuum Co., 80 5th av, New
York.
Simplex Vacuum Mfg. Co., 1729 Philip,
Phila., Pa.
Stanley Insulating Co. ("Fermostat"),
Great Barrington, Mass.
Vacuum Specialty Co. ("Hotakold"), 200
5th av, New York

1174— Bottles (Wood)

Bogert & Hopper, 67 Barclay, New York
Estes E. B. & Sons, 358 5th av, New
York *See adv index at end of book*

1174a— *Bottoms (Basket)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1174b— *Bottoms (Feed Bag)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1175— Bottoms (Kettle)

Hamblin & Russell Mfg. Co. ("Gem"
Wire), Worcester, Mass.

1176—Bower Barffed Work

Coleman Adelbert E., 336 W 37th, Chi-
cago, Ill.
Sager Lock Co., No. Chicago, Ill.
Smith F. P. Wire & Iron Works, Lake &
Dearborn, Chicago, Ill.
See adv index at end of book
Yale & Towne Mfg. Co., 9 E 40th, New
York

1177—Bowling Alley Builders

American Box Ball Co. (Box Ball), 1545
Vanburen, Indianapolis, Ind.
Brunswick-Balke-Collender Co., 629 S Wa-
bash av, Chicago, Ill.
Klumpp's Jno. G. Sons, 13 Baxter, New
York
Kolhler & Hinrichs, 255 E 3rd, St. Paul,
Minn.
Marx Alfred B. & Bro., 30 Union sq, New
York
Rose H., 145 Hamilton av, Brooklyn, N. Y.
Stevens B. A. Co. (Sectional), Toledo, O.
Stillwater Mfg. Co., Stillwater, Minn.
Zeliff J. E., Kearny, N. J.

1178—Bowls (Cow Watering)

Cheney S. & Son, Manlius, N. Y.
Glor Bros. & Willis Mfg. Co., Attica, N. Y.
Harris Mfg. Co., Salem, Ohio
Heller-Aller Co., Napoleon, Ohio
Hunt, Helm, Ferris & Co., Harvard, Ill.
Industrial Foundry Co., St. Johns, Mich.
Libby C. A. Co., Oshkosh, Wis.
Noll Bros. & Smith, Bausman, Pa.
Novelty Iron Works, Sterling, Ill.
Strickler Hay Tool Co., Janesville, Wis.
West Bend Barn Equipment Co., West
Bend, Wis.

1178a—*Bowls (Cream Separator)

NATIONAL TUBE CO. ("SHELBY"),
Frick bldg, Pittsburgh, Pa.
See adv index at end of book

1178b—Bowls (Sanitary Sugar)

Franks Sani-Cover Supply Co. (For Res-
taurants), Cambridge, Mass.

1179—Bowls (Wood Chopping)

Chapman-Sargent Co., Perrysburg, O.
Dodson F. S., Granville, Vt.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Peirce W. E. & Co., Milford, N. H.
Richard & Bechtold, Bellaire, Mich.

1180—Bows (Automobile Top)

Brown S. N. & Co. (Wood), Dayton, O.
Campbell & Dann Mfg. Co., Tullahoma,
Tenn.
Cately & Ettling (Automatic), Cortland,
N. Y.
Dann Bros. & Co., New Haven, Conn.
Detroit Wood Pulley Co., 1331 Bellevue av,
Detroit, Mich.
Empire Bending Works, Lancaster, Pa.
Eureka Bending & Wheel Wks, York, Pa.
Lebzetter P. & Son Co., Lancaster, Pa.
Mossman, Yarnelle & Co., Fort Wayne, Ind.
Rastetter Louis & Son, Ft. Wayne, Ind.
Shepard H. G. & Sons, New Haven, Conn.
Starr D. H., Highland, N. Y.
Toledo Bending Co. ("Toledo"), Toledo, O.
Toledo Carriage Woodwork Co. ("Toledo
C. W.-W. Co."), Toledo, O.
Wheel & Wood Bending Co., Bridgeport,
Conn.

1181—Bows (Carriage & Wagon)

Ames Bending Co., Celina, O.
Brown S. N. & Co., Dayton, O.
Buckley J. Hub, Spoke & Wheel Co., 969 N
2d, Phila., Pa.
Campbell & Dann Mfg. Co., Tullahoma,
Tenn.
Cately & Ettling (Automatic), Cortland,
N. Y.
Coopersburg Bending Works, Coopersburg,
Pa.
Crane & MacMahon ("Star," White
Ash), 10 Bridge, New York
Delphos Bending Co., Delphos, O.
Donges John & Co., Hamilton, O.
Empire Bending Wks, Lancaster, Pa.
Eureka Bending & Wheel Works ("Wheel-
er & Wilson," "McCaull"), York, Pa.
Fort Smith Rim & Bow Co., Fort Smith,
Ark
Gillette C. H., Indianapolis, Ind.
Graham Thos. & Co., Madison, Ind.
Hanover Bending & Mfg. Co., Hanover, Pa.
Holt Bros. Mfg. Co., Concord, N. H.
Lamb-Fish Lumber Co., Charleston, Miss.
Lebzetter P. & Son Co., Lancaster, Pa.
Medina Bending Works ("McCaull"), Me-
dina, O.
Metropolis Bending Co. ("Wheeler & Wil-
son"), Metropolis, Ill.
Rastetter Louis & Son, Fort Wayne, Ind.
Sargent L. W., Newburyport, Mass.
Shepard H. G. & Sons, New Haven, Conn.
Starr D. H., Highland, N. Y.
Toledo Bending Co. ("Toledo"), Toledo, O.
Toledo Carriage Woodwork Co. ("Toledo
C. W.-W. Co."), Toledo, O.
Union Bow Co. (Automobile), Cleveland,
O.
Von Behren Mfg. Co., Evansville, Ind.
Wheel & Wood Bending Co., Bridgeport,
Conn.

1182— Bows (Ox)

Dunham Fred P., Athens, Vt.
Torrey Bros. Co., Central Village, Conn.

1183— Bows (Slipper)

Dalrymple J. A. & Co., Haverhill, Mass.

1184—Box Anchor & Timber Caps

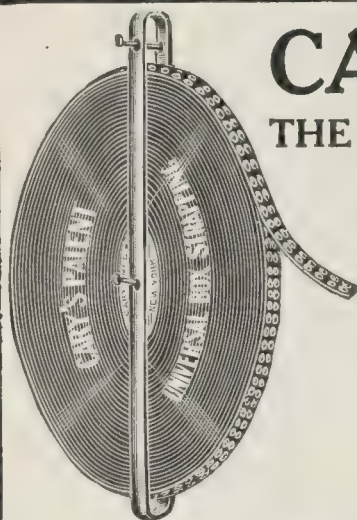
See also Hangers, Joist
Goetz Box Anchor Co., New Albany, Ind.
Van Dorn Iron Works Co., 2700 E 79th,
Cleveland, O.

1185— Box Board Mfrs.

See also Boards, Binder
Albey Bros., Newark, N. J.
Albia Box & Paper Co. (Plain & Combi-
nation, Mill & Sheet Lined), Troy,
N. Y.
Alton Box Board & Paper Co., Alton, Ill.
American Box Board Co., Grand Rapids,
Mich.
American Straw Board Co., Akron, O.
Auglaize Box Board Co., St. Marys, O.
Beloit Box Board Co., Beloit, Wis.
Bicking S. Austin Paper Mfg. Co. (& In-
dented Paper), E. Downington, Pa.
Boehme & Rauch Co. (Patent Coated &
Combination), Monroe, Mich.
Capac Paper Co., Capac, Mich.
Case & Marshall, Hartford, Conn.
Central Box Board Co., 43rd & Racine av,
Chicago, Ill.
Chatfield Paper Co., New Haven, Conn.
Cherry River Paper Co., Scranton, Pa.
Chesapeake Paperboard Co. (Plain Ship,
Mill-Line-Schip, News Vat Line Ship,
News-board), Burrows & Allen, Bal-
timore, Md.

Chicago Coated Board Co., 420 E North
Water, Chicago, Ill.
Childsdaile Paper Co., Childsdaile, Mich.
Clifton Paper Mills, Clifton, N. J.
Constantine Board & Paper Co., Con-
stantine, Mich.
Crescent Paper Co., Marseilles, Ill.
Diamond Match Co. (White Coated, Col-
ored & Manila Lined), 110 W Kinzie,
Chicago, Ill.
Eddy Paper Co., Three Rivers, Mich.
Ft. Wayne Corrugated Paper Co. (Com-
bination), Hartford, Ind.
Foster Box Board Co., Utica, N. Y.
Franklin Board & Paper Co. (Pulp &
Combination of all kinds), Franklin,
Ohio
Gardner Colin Paper Co. (Patent Coated,
Colored Suit, Combination Boards of
all kinds, etc), Middletown, O.
Gardner-Harvey Paper Co. (Colored Suit
& Combination Boards), Middletown,
Ohio
Gardner Paper Board Co., Middletown, O.
Halltown Paper Board Co., Halltown, W.
Va.
Haverhill Box Board Co., Haverhill, Mass.
HEWITT C. B. & BROS., 49 Beekman,
New York. *See adv index at end of book*
Hults Ellsworth H. Jr., 25 N 6th, Phila.,
Pa.
Kerr Paper Mill Co., East Downington, Pa.
Lafayette Box Board & Paper Co., La-
fayette, Ind.
Lawrence Paper Mfg. Co., Lawrence,
Kans.
Lewis, Slocum & Le Fevre Co. (Wood Pulp
& Sulphite Boards in Natural Colors
& Tints), Beaver Falls, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles,
Cal.
McEwan Bros. (Folding), Whippany, N. J.
Mac-Sim-Bar Paper Co. (Clothing, Jute
Board, etc.), Otsego, Mich.
Manchester Board & Paper Co. (Folding),
Richmond, Va.
Marion Paper Co. (Folding), Marion, Ind.
Michigan Carton Co. (Combination & Pat-
ent Coated), Battle Creek, Mich.
Miller Frank P. Paper Co. (Patent Coated
& Folding Box), East Downington,
Pa.
Mutual Box Board Co., Utica, N. Y.
National Folding Box & Paper Co. (Ma-
nila Board & Single & Double Lined
Chip), New Haven, Conn.
National Metal Edge Box Co. (Jute Fold-
ing), 8th & Willow, Phila., Pa.
Naubuc Paper Co., Glastonbury, Conn.
Nelson B. F. Mfg. Co., 414 Marshall, Min-
neapolis, Minn.
New Haven Pulp & Board Co., New Ha-
ven, Conn.
Norton Clarence H., North Westchester,
Conn.
Ohio Box Board Co. (Of all Grades, also
Patent Coated), 1290 E 30th, Clevel-
and, O.
Perkiomen Paper Co., Pennsburg, Pa.
Philadelphia Paper Mfg. Co., River Road,
Phila., Pa.
Richardson Paper Co., Wyoming & Coop-
er av, Lockland, O.
River Raisin Paper Co. (Folding), Mon-
roe, Mich.
Robertson C. M. Co. (Folding), Montville,
Conn.
Skaneateles Paper Co., Skaneateles, N. Y.
South Coventry Paper Co., South Coven-
try, Conn.
Standard Paper Co., Kalamazoo, Mich.
Tait & Sons Paper Co., Bridgeport, Conn.
Thames River Specialties Co. (Folding,
etc), Montville, Conn.
Tonawanda Board & Paper Co., Tona-
wanda, N. Y.
United Paperboard Co., 171 Madison av,
New York
Waldorf Box Board Co. (Patent Coated,
Manila Chip, Cracker Shell, Colored
Suit & Combination Boards), Pills-
bury, Myrtle & Wabash avs, St. Paul,
Minn.
Waverly Paper Box Board Co., Weston
av, Newark, N. J.
Westport Paper Co., Westport, Conn.

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See also Bands, Shingle, Box & Shook

ACME STEEL GOODS CO. ("Acme" Embossed, Flat, Barbed & Twisted Wire), 2834 Archer av, Chicago, Ill.

See adv index at end of book

American Steel Goods Co. ("Paragon") 275 Water, New York

AMERICAN STEEL & WIRE CO. (Steel), 208 S La Salle, Chicago, Ill.

See adv index at end of book

CARY MFG. CO. ("Cary's" Universal & Wire Box Strapping Box Corner Fasteners & Clutch Nails), Nassau & Jay, Brooklyn, N. Y.

See adv index at end of book

DE HAVEN MFG. CO. ("Simplex," "Eclipse" & Trojan Steel & Iron), 50 Columbia Hgts., Brooklyn, N. Y.

Robertson W. F. Steel & Iron Co. ("Economy," "Sampson" & "Cincinnati"), Elm & Commerce, Cincinnati, O.

ROEBLING'S, JNO. A. SONS CO., Main Office, Trenton, N. J.

See adv index at end of book

Rulofson A. C. Co., Monadnock bldg, San Francisco, Cal.

STANLEY WORKS ("Twinrold" Self-Tightening, "Spreadite," "Double Edge," "Stanley's" Corrugated & Twisted Wire Box Strapping), New Britain, Conn.

See adv index at end of book

Twisted Wire & Steel Co., 437 11th av, New York

Wallace Wm. & Sons, 513 Wells, Chicago, Ill.

1187— Boxes (Aluminum)

Aluminum Container Co., Fulton, N. Y.

Aluminum Goods Mfg. Co. (also Caps & Tubes), Manitowoc, Wis.

1188— Boxes (Annealing)

American Welding Co., Carbondale, Pa.

Clark W. J. Co., Salem, O.

Cleveland Wire Spring Co., Cleveland, O.

Columbiana Boiler Co. (Riveted & Welded), Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

DOVER BOILER WORKS, Sales Office:

50 Church, New York. Works: Dover,

N. J. See adv index at end of book

Driver-Harris Co. (Nichrome), Harrison,

N. J.

Garwood Bronze & Iron Works, Garwood,

N. J.

Knox Pressed & Welded Steel Co., Farmers

Bank bldg., Pittsburgh, Pa.

Leetonia Boiler Co., Leetonia, O.

McAlleenan Bros. Co., 25th & Railroad,

Pittsburgh, Pa.

McNeil Jas. & Bro. Co., Pittsburgh, Pa.

MACKINNON BOILER & MACHINE CO.,

218 N Water, Bay City, Mich.

See adv index at end of book

Manitowoc Engineering Works, Manitowoc,

Wis.

Meehan Boiler & Constr. Co., Lowellville,

Ohio

Mesta Machine Co., Pittsburgh, Pa.

See adv index at end of book

National Boiler & Sheet Iron Works, Indianapolis, Ind.

National Wrought Iron Annealing Box

Co., Washington, Pa.

Niles Forge & Mfg. Co., Niles, O.

Petroleum Iron Works Co. ("Seigh"),

Sharon, Pa.

Pittsburgh Annealing Box Co. (Welded or

Riveted), 829 Beaver, Pittsburgh, Pa.

Reeves Bros. Co., Alliance, O.

SCAIFE WM. B. & SONS CO., First National

Bank bldg, Pittsburgh, Pa., &

26 Cortlandt, New York

See adv index at end of book

Standard Boiler & Plate Iron Co., Niles, O.

Strong, Carlisle & Hammond Co. (Also

Case-Hardening), 336 Frankfort av,

N W, Cleveland, O.

Union Iron Works, Hoboken, N. J.

Union Steel Casting Co. ("Union" Truss

Supported Roof One-Piece Cast Steel),

Pittsburgh, Pa.

Warren City Tank & Boiler Co., Warren,

Ohio

Whiting Foundry Equipment Co., Harvey,

Ill.

Wilfong Millard F., Iron Works Co., 5199

Grays av, Phila., Pa.

WILLIAMS & CO. (INC.) (Monel Metal),

220-226 Penn av, Pittsburgh, Pa.

See adv index at end of book

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1189— Boxes (Auger Bit)

Bennett Mfg. Co. (Bartlett"), Portland,

Me.

New England Box Co., Greenfield, Mass.

1190—Boxes (Automobile Tool)

Briscoe Mfg. Co., Woodward & Baltimore

avs, Detroit, Mich.

Cleveland Wire Spring Co., Cleveland, O.



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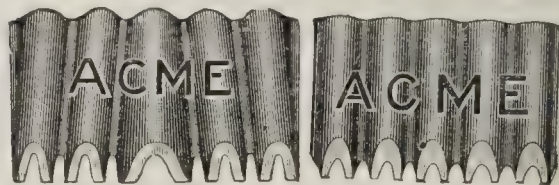
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Munn & Co., 699 Woolworth Bldg., N. Y.
Washington Office: 625 F Street, Washington, D. C.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Standard Steel Box Co. ("Standard" Steel), Bridgeville, Pa.

1191— Boxes (Axle)

American Tube & Stamping Co. (For Children's Carriages), Bridgeport, Conn.
Concord Axle Co., Penacook, N. H.
Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

1192— Boxes (Axle Grease)

Bogert & Hopper, 67 Barclay, New York
Columbia Can Co. (Sheet Metal), Madison, 1st to 2d, St. Louis, Mo.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1193— Boxes (Ballot)

Bogert & Hopper, 67 Barclay, New York
ESTES E. B. & SONS, 358 5th av, New York
See adv index at end of book

1194— *Boxes (Basswood)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1195—Boxes (Battery, Automobile)

Cleveland Wire Spring Co., Cleveland, O.
Corcoran-Victor Co., Cincinnati, O.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Paragon Electric Co., 9 S Clinton, Chicago, Ill.
Standard Steel Box Co. ("Standard" Steel Black Enameled), Bridgeville, Pa.

1195a—*Boxes (Battery, Wood)



99 Railroad Street, Rochester, N. Y.

1196—Boxes (Beer, Soda Water & Milk)

Atwood & McManus Box Co., Chelsea, Mass.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Cleveland Wire Spring Co. (Steel), Cleveland, O.
Columbia Box Co., 19th & N Market, St. Louis, Mo.
Defiance Pressed Steel Co. (Steel), Defiance, O.
Dexter Metal Mfg. Co. (Beer, Steel), 93 Arch, Camden, N. J.
Dodge & Bliss Co., W End, Jersey City, N. J.
Goodwill D. M. Co., 22nd & Allport, Chicago, Ill.
Hightower Box & Tank Co., Atlanta, Ga.
Marinette & Menominee Box Co., Marinette, Wis.
Mengel Box Co., Louisville, Ky.
Page George G. Box Co., Cambridge, Mass.
Rathbone, Hair & Ridgway Co., 2279 S Union av, Chicago, Ill.
Standard Steel Box Co. ("Standard" Steel), Bridgeville, Pa.

1197— Boxes (Bending)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

1198— Boxes (Blow, Acid)

Pratt Engineering & Machine Co., Atlanta, Ga.

1199— *Boxes (Bluing)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Boxes (Bond)

See Boxes, Cash; also Boxes, Safe Deposit

Boxes (Bosh)

See Plates, Bosh

1200— Boxes (Bottle)

ANDREWS O. B. CO., Chattanooga, Tenn.
Bossert Louis & Sons, Grand & Newton Creek, Bklyn., N. Y.
New England Box Co., Greenfield, Mass.
New Haven Folding Box Co., New Haven, Conn.
Omaha Box Co., Omaha, Neb.
Omaha Fibre & Corrugated Box Co., Omaha, Neb.
Vance E. J. Box Co. (Ltd.), Bay City, Mich.

1201— Boxes (Bread)

Central Stamping Co., 174 Fulton, New York
Republic Metalware Co., Buffalo, N. Y.
Rudman Co., 277 Pearl, New York
Threthaway Bros. (Japanned & Lithographed), Parsons, Pa.

1202—Boxes (Bread Shipping)

Anderson Box & Basket Co., Henderson, Ky.
Backus A. Jr. & Son, Detroit, Mich.
Defiance Welding Co. (Steel), Defiance, O.
Lewis G. B. Co., Watertown, Wis.

1203— Boxes (Brick Mould)

American Machinery Co. (Adjustable), S Walnut, Bucyrus, O.

1204—Boxes (Case Hardening)

Blackboard Steel Foundry Co., Springfield, O.
Columbiana Boiler Co., Columbiana, O.
Driver-Harris Co., Harrison, N. J.
Garwood Bronze & Iron Works, Garwood, N. J.

WILLIAMS & CO. (INC) (Monel Metal), 220-226 Penn av, Pittsburgh, Pa.
See adv index at end of book

1205— Boxes (Cash)

Bogert & Hopper, 67 Barclay, New York
Central Stamping Co., 172 Fulton, New York
Erie Art Metal Co. (Sheet Steel), Erie, Pa.
ESTES E. B. & SONS, 358 5th av, New York
See adv index at end of book
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Meilink Mfg. Co. (& Bond), Toledo, O.
Merriam Mfg. Co. (Tin), Durham, Conn.
Miller Lock Co. (With Keyed Locks & Keyless Locks), 4523 Tacony, Phila., Pa.
National Enameling & Stamping Co., 411 5th av, New York
Parsons W. A. & Co., Durham Center, Conn.
Smith J. O. Mfg. Co., Middletown, Conn.
Stirrup Mfg. Co., 257 Greenwich, New York

1206— Boxes (Celluloid)

Celluloid Co., 36 Washington pl, New York

1207— Boxes (Channel)

Canton Foundry & Machine Co., Canton, O.

1208—Boxes (Charging, Open Hearth)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

Columbiana Boiler Co., Columbiana, O.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio
See adv index at end of book
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O.

1209— Boxes (Cheese)

Colby Cheese Box & Silo Co., Colby, Wis.
Cooley H. E., West Bend, Wis.
Parfrey Chas. A., Richland Center, Wis.

1209a— *Boxes (Chemists')

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1209b— *Boxes (Chip Pill)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1209c— *Boxes (Chisel)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1210— Boxes (Cigar)

Balliet A. H., Allentown, Pa.
Eggers-O'Flynn Co., Omaha, Neb.
Sheip Henry H. Mfg. Co., Columbia av & 6th, Phila., Pa.
Weidman-Fisher Co., Tampa, Fla.

1211— Boxes (Condenser)

Columbiana Boiler Co., Columbiana, O.
Petroleum Iron Works Co., Sharon, Pa.

Boxes (Conduit)

See Boxes, Junction & Outlet

1212—*Boxes (Core, for Foundry Use)

Ohio Mfg. Co., P. O. Box 358, Painesville, O.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

1213—Boxes (Corrugated Paper)

Agar Mfg. Co., Bush Terminal, Bklyn, N. Y.
ANDREWS O. B. CO., Chattanooga, Tenn.
Ashtabula Corrugated Box Co., Ashtabula, O.
Ball Bros. Glass Mfg. Co., Muncie, Ind.
Buffalo Box Factory (Fibre, All Sizes), Buffalo, N. Y.
Buffalo Corrugated Container Co., 25 Imson, Buffalo, N. Y.
Bulis J. C. Mfg. Co., 1122 S 12th, St. Louis, Mo.
Collins H. F. Co., St. Paul, Minn.
Corrugated Container Corp., Columbus, O.
Corrugated Paper Co., Norfolk, Va.
Corrugated Paper Products Co., 221 W 26th, New York
Detroit Corrugated Board & Box Co., 88 Isabella, Detroit, Mich.
Fairmont Box Co., Canajoharie, N. Y.
Fenton Fibre Box Co., N Tonawanda, N. Y.
Fibre Package Co., 88 Isabella, Detroit, Mich.
Gair Robt. Co., Wash'n & Plymouth, Brooklyn, N. Y.
Globe Paper Co., Evansville, Ind.
Hahn J. N. Co., Cuyahoga & W 3d, Cleveland, O.
Hinde & Dauch Paper Co., Sandusky, O.
Illinois Glass Co., Alton, Ill.
Lanzit Corrugated Paper Co., 503 S Jefferson, Chicago, Ill.
Lawrence Paper Mfg. Co. ("Jayhawk," All Sizes), Lawrence, Kan.
Mac-Sim-Bar Paper Co., Otsego, Mich.
Mengel Box Co., Louisville, Ky.
Omaha Fibre & Corrugated Box Co. (Shipping), Omaha, Neb.
Page Geo. G. Box Co. (For Freight or Express Shipment), Cambridge, Mass.
Park Novelty Co., 25th & Loest, Phila., Pa.
Parsons Mfg. Co., Chelsea, Mass.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.

Established 1847

E. B. ESTES & SONS

Manufacturers of

Druggists' and Chemists' Turned Wooden Boxes

Plain and Polished Turned Wood Vials and Bottles, Powder Boxes, Plain and Silicated Wooden Ointment Jars. Screw Covered Boxes a Specialty.

358 5th Avenue

New York City



Thompson & Norris Co., The, Concord & Prince, Brooklyn, N. Y.

1213a— *Boxes (Crayon)Estes E. B. & Sons, 358 5th av. New York
*See adv index at end of book***1213b— Boxes (Cream)**

du Pont E. I. de Nemours & Co. (The Arlington Works, 725-27 B'way, New York

1214— Boxes (Crosshead)Buckeye Iron & Brass Works (Brass), Dayton, O.
Erie Forge Co., Erie, Pa.**1215— Boxes (Curb, Service)**American Foundry & Mfg. Co., 11th & Herbert St. Louis, Mo.
Campbell J. B. Brass Works, Erie, Pa.
Great Western Mfg. Co., Leavenworth, Kans.
Hays Mfg. Co., Erie, Pa.
McDonald A. Y. Mfg. Co., Dubuque, Ia.
Modern Iron Works ("Buffalo," "Peerless," "Quin See"), Quincy, Ill.
Paradine Mfg. Co., Erie, Pa.
Patterson Mfg. Co. ("Nobolt"), Keystone bldg, Pittsburgh, Pa.
Rumsey Pump Co. (Ltd.) (For Service Pipe), Box J, Seneca Falls, N. Y.
*See adv index at end of book***1216— Boxes (Cut Flower)**

Thompson & Norris Co., The (Corrugated), Concord & Prince, Brooklyn, N. Y.

1216a—*Boxes (Cutlery, Wood)Estes E. B. & Sons, 358 5th av. New York
See adv index at end of book

99 Railroad Street, Rochester, N. Y.

Boxes (Cut Out)*See Boxes, Junction or Outlet***1216b— *Boxes (Dice)**ESTES E. B. & SONS, 358 5th av. New York
*See adv index at end of book***1217— Boxes (Disc Harrow)**

Sharon Steel Hook Co. ("Danielson," Pressed Steel), Youngstown, O.

1218— Boxes (District Call)

Bunnell J. H. & Co., 32 Park pl, New York

1219— Boxes (Document)Barler A. C. Mfg. Co., 341 E Ohio, Chicago, Ill.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.**1220— Boxes (Drain)**

Jiffy Fire Hose Rack Co. ("Brayman"), 727 7th av, New York

1221—*Boxes (Drug, Pill, Ointment & Powder)ESTES E. B. & SONS, 358 5th av, New York
*See adv index at end of book***1222— Boxes (Dumping)***See Wagon Dump Boxes***1223-4—Boxes (Electric Service)**Adam Frank Electric Co., 904 Pine, St. Louis, Mo.
Advance Electric Mfg. Co., Kansas City, Mo.
Allsteelequip Co., Aurora, Ill.
Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
Bissell F. Co. ("Security," Cabinets), Toledo, Ohio
Bonnell W. A. Co., 132 Church, New York
Brady Electric Mfg. Co., New Britain, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Columbia Metal Box Co., 226 E 144th New York
Connecticut Elec. Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
Cuthbert Electrical Mfg. Co., 723 Fulton, Chicago, Ill.
D & W Fuse Co., Hathaway, Providence, R. I.
Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Guiderland Foundry Co., Guiderland, N.Y.
Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
Lang J. Electric Co., 423 N Lincoln, Chicago, Ill.
Paiste H. T. Co. ("Le Manquais"), 3201 Arch, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Renim Specialty Co., Brighton, Boston, Mass.
Standard Underground Cable Co., Pittsburgh, Pa.
Star Metal Box Co., 509 W 19th, New York
Troy Electrical Co., Troy, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn.
Wabash Cabinet Co. (Coil), Wabash, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Worcester Electric & Mfg. Co., Worcester, Mass.**1225—*Boxes (Fancy Wood)**Estes E. B. & Sons, 358 5th av. New York
*See adv index at end of book***1226— Boxes (Fare)***See also Registers, Car Fare*Brill J. G. Co., 62d & Woodland, av, Phila., Pa.
Cleveland Fare Box Co. ("Cleveland"), 5318 St. Clair av, Cleveland, O.
International Register Co., 15 Throop, Chicago, Ill.
Johnson Fare Box Co. ("Johnson" Automatic), 236 S Robey, Chicago, Ill.
Recording Register & Fare Box Co. (Registering), New Haven, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.**1227— Boxes (Fibre)***See also Pails, Fibre*Already Box Co., Danville, Ill.
American Vulcanizing Fibre Co. ("Laminar"), 504 Equitable bldg, Wilmington, Del.
Ball Bros. Glass Mfg. Co. (Corrugated), Muncie, Ind.
Chicago Mill & Lumber Co., Conway bldg, Chicago, Ill.
Commercial Box & Envelope Co., Chester, Pa.
Corrugated Container Corp., Columbus, O.
Danbury Square Box Co., Danbury, Conn.
Fenton Fibre Box Co., No Tonawanda, N. Y.
Fibre Board Box Co., 2622 N Hancock, Phila., Pa.
Fort Wayne Corrugated Paper Co., Hartford, Ind.
HINDE & DAUCH PAPER CO. (Corrugated), Sandusky, O.
Illinois-Michigan Fibre Box Co., Battle Creek, Mich.
Kennebunk Mfg. Co. ("Lunch," etc.), Rochester, N. H.
Mengel Box Co., Louisville, Ky.
National Fibre & Insulation Co., Yorklyn, Del.
St. Louis Paper Can & Tube Corporation, St. Louis, Mo.
Standard Fibre Co., Miller st, Somerville, Mass.
Toledo Fibre Package Co., Toledo, O.
Tonawanda Board & Paper Co., Tonawanda, N. Y.**1227a— *Boxes (Fig)**Estes E. B. & Sons, 358 5th av. New York
*See adv index at end of book***1228—Boxes (Fire Alarm Signal)**Bunnell J. H. & Co. ("Jove," "Falcon," "Vulcan"), 32 Park pl, New York
Edwards & Co., Exterior & 140th, New York
Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass.
Leveridge Chas. W. ("Diamond L"), 133 Liberty, New York
Loper Fire Alarm Co., Stonington, Conn.
Star Electric Co., Binghamton, N. Y.**1229— Boxes (Fishing Tackle)**Kraft A. C. ("Borchardt" & "Wilson"), 323 W Lake, Chicago, Ill.
Merriam Mfg. Co. ("Johnson Trayless"), Durham, Conn.
Willson F. Cortez Co. ("Borchardt," "Wilson," "Landis"), 323 W Lake, Chicago, Ill.
Wright Bros. Paper Box Co., Fond du Lac, Wis.**Boxes (Floor Outlet)***See Boxes, Junction or Outlet***1230—Boxes (Folding Paper)**American Box Board Co., Grand Rapids, Mich.
American Folding Box Co., 84 Thomas, New York
ANDREWS O. B. CO., Chattanooga, Tenn.
Battle Creek Paper Co. Ltd., Battle Creek, Mich.
Boas Wm. J. Co., 1427 Vine, Phila., Pa.
Boehme & Rauch Co., Monroe, Mich.
Brown & Bailey Co., 410 Franklin, Phila., Pa.
Buffalo Box Factory (Corrugated), Buffalo, N. Y.

Burt F. N. Co., Buffalo, N. Y.
 Campbell Paper Box Co., South Bend, Ind.
 Chicago Folding Box Co., 2555 Taylor, Chicago, Ill.
 Collins H. L. Co., Hampden & Wabash, St. Paul, Minn.
 Commercial Box & Envelope Co., Chester, Pa.
 Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
 Downingtown Paper Box Co., East Downingtown, Pa.
 Edwards Folding Box Co., 27 N 6th, Phila., Pa.
 Empire Paper Tube & Box Co., 155 Bank, New York
 Fisher B. E. & Co., 117 N 5th av, Chicago, Ill.
 Fleishhacker A. & Co., 134 Fremont, San Francisco, Cal.
 Friedel J. F. Paper Box Co. (Suit, Laundry, Cake, etc), Syracuse, N. Y.
 Gair Robert Co. (Corrugated Paper), Washington & Plymouth, Brooklyn, N. Y.
 Grand Rapids Paper Box Co., Grand Rapids, Mich.
 Hinde & Dauch Paper Co. (Corrugated Paper), Sandusky, O.
 Hummel & Downing Co., N Cambridge av, Milwaukee, Wis.
 Illinois Glass Co. (Corrugated Paper), Alton, Ill.
 Kratz A. S. Co., Richmond, Va.
 Lawrence Paper Mfg. Co. ("Jayhawk" Corrugated Paper), Lawrence, Kan.
 Lincoln Paper Co., Lincoln, Neb.
 Lindley Box & Paper Co., Gas City, Ind.
 Mac-Sim-Bar Paper Co. (Corrugated Paper), Otsego, Mich.
 Menasha Carton Co., Menasha, Wis.
 National Folding Box & Paper Co., New Haven, Conn.
 O. K. Paper Pail Co., Middletown, O.
 Pittsburgh Paper Box Co., Vanadium bldg, Pittsburgh, Pa.
 Rochester Folding Box Co., Rochester, N. Y.
 Russell Box Co., Chelsea, Mass.
 St. Louis Paper Co., 500 N 3d, St. Louis, Mo.
 Shuttlesworth Keiller & Co., 474 W B'way, New York
 Sefton Mfg. Corp. (Corrugated Paper), 1301 W 35th, Chicago, Ill.
 Stone & Forsyth Co., 67 Kingston, Boston, Mass.
 Sweet A. H. & Son, Norton, Mass.
 Thompson & Norris Co. The (Corrugated Paper), Concord & Prince, Brooklyn, N. Y.
 U. S. Paper Goods Co., 1224 W 8th, Cincinnati, O.
 Webb Folding Box Co., Bogota, N. J.
 Whitney & Co., Leominster, Mass.

1231—*Boxes (Foundry, Steel)

OHIO MFG. CO., P. O. Box 358, Painsville, O. *See adv index at end of book*

1232— Boxes (Fuse)

See also Boxes, Switch

Brady Electric Mfg. Co. (Three Wire, etc.), New Britain, Conn.
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
 Columbia Metal Box Co., 226 E 144th, New York
 Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.
 D & W Fuse Co., Hathaway, Providence, R. I.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Johns H. W.-Manville Co. ("Noark" Service Subway Boxes), Madison av & 41st, New York
 Johns, Pratt Co. The ("Noark" Service, Subway, Car, Manhole, Meter, Protective, Special for any Electrical Device), Hartford, Conn.
 Palmer Electric & Mfg. Co. (Service), 60 K, Boston, Mass.
 Pass & Seymour, Solvay, N. Y.
 Philadelphia Electrical & Mfg. Co. ("Penco"), 1236 N 31st, Phila., Pa.
 Tower-Binford Elec. & Mfg. Co., Richmond, Va.
 Troy Electrical Co., Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1233—Boxes (Fuse, Street Car)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
 D & W Fuse Co., Hathaway, Providence, R. I.
 Johns H. W.-Manville Co. ("Noark" Madison av & 41st, New York

1234—Boxes (Fused Coupling, for Feeder Cables)

D & W Fuse Co., Hathaway, Providence, R. I.
 Mesta Machine Co., Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
 Standard Underground Cable Co., Pittsburgh, Pa.

1235— Boxes (Gill)

Saco-Lowell Shops (for Drawing, Repairing & Finishing), 77 Franklin, Boston, Mass.

1235a—*Boxes (Gold Paint)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1236—Boxes (Grease, Plumbers')

Bernz Otto, 21 Ashland av, Newark, N. J.
 Boekel, Wm. & Co., 518 Vine, Philadelphia, Pa.
 Johnson Wm. (Hedenberg Works), Newark, N. J.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

1237— Boxes (Grindstone)

See Grindstone Boxes, Frames

1237a—*Boxes (Hardware & Tool)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1237b— Boxes (Hat)

Belber Trunk & Bag Co., 1641 N Hancock, Phila., Pa.
 Boyle John & Co., 112 Duane, New York
 Galewski A. & Son, 453 Broome, New York
 Katz Bros. Leather Goods Co., 135 W 20th, New York
 National Veneer Products Co., Mishawaka, Ind.
 Schmick F. & Co., 873 B'way, New York
 Warren Leather Goods Co., Worcester, Mass.
 White F. H. Co., 1001 Hamilton, Phila., Pa.

1238— Boxes (Hot)

Weatherly Co. (for Japanning), Grand Rapids, Mich.

1239— Boxes (Jack)

American Electric Co., 6401 S State, Chicago, Ill.
 Garl Electric Co., Akron, O.

1240— Boxes (Jewelers')

Bergner Fred & Co., Paca & Cross, Baltimore, Md.
 Dennison Mfg. Co., 26 Franklin, Boston, Mass.
 Elmwood Box Co., 87 Willard av, Providence, R. I.
 Jencks Paper Box Co., 45 Waldo, Providence, R. I.
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 Sweet A. H. & Son, Norton, Mass.
 Taylor Card & Box Co., 196 W Exchange, Providence, R. I.
 Young Bros., 722 Eddy, Providence, R. I.

1241— Boxes (Journal)

American Car & Foundry Co., Syndicate Trust bldg., St. Louis, Mo.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Brown, A. & F. Co., 79 Barclay, New York
 Works: Elizabethport, N. J.
 Buckeye Steel Castings Co. ("Cast Steel"), Columbus, O.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.
 Chester Steel Casting Co., Chester, Pa.
 Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
 Chickasaw Machine & Foundry Co., Memphis, Tenn.
 Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
 Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio
 Gould Coupler Co. ("Gould" Malleable Iron), 30 E 42nd, New York
 Great Western Mfg. Co., Leavenworth, Kan.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Hoppen J. E. & Sons (Self Closing), 75 Main, Belleville, N. J.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Jones E. D. & Sons Co., Pittsfield, Mass.
 Jones W. A. Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.
 Lane Mfg. Co., Montpelier, Vt.
 Leffel Jas. & Co., 500 Lagonda, Springfield, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Philadelphia, Pa.
See adv index at end of book
 McCord & Co. ("McCord" Malleable Iron for Railroads), 122 S. Michigan av, Chicago, Ill.
 Michigan Malleable Iron Co. ("Detroit"). Delray, Detroit, Mich.
 National Malleable Castings Co., 7706 Platt av S E, Cleveland, O.
 Nordyke & Marmon Co. (Ball & Socket), 1290 Kentucky av, Indianapolis, Ind.
 Pratt & Letchworth Co., Buffalo, N. Y.
 Railway Appliance Co., 122 S Michigan av, Chicago, Ill.
RAILWAY ROLLER BEARING CO. (Roller Bearing), Syracuse, N. Y.
See adv index at end of book
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Sterling Blower Co. ("Sterling" Self-Oiling), Hartford, Conn.
 Symington T. H. Co. ("Symington"), Rochester, N. Y.
 Taylor Electric Truck Co., Troy, N. Y.
 Taylor W. P. Co. ("Taylor's," Dustproof Self-Locking), 217 Ellicott sq, Buffalo, N. Y.
 Trump Mfg. Co., Springfield, O.
 Union Spring & Mfg. Co. ("Kensington" All Steel), New Kensington, Pa.
 Wolf Co. (Plain, for Conveyor Rolls), Chambersburg, Pa.
 Wood's T. B. Sons Co., Chambersburg, Pa.
 Woonsocket Machine & Press Co., Woonsocket, R. I.

1242—Boxes (Junction or Outlet)

Acme Metal Stamping Co., 429 Prospect, N W, Cleveland, O.
 Adam Frank Electric Co. (Junction), 904 Pine, St. Louis, Mo.
 Adapti Mfg. Co. ("Adapti"), Cleveland, O.
 Advance Electric & Mfg. Co., Kansas City, Mo.
 Allino Switch Box Mfg. Co., St. Louis, Mo.
 Allsteelequip Co., Aurora, Ill.
 Appleton Electric Co. ("Appleton"), 218 N Jefferson, Chicago, Ill.
 Arrow Electric Co. ("Pipe Ends"), Hartford, Conn.
 Aurora Steel Products Co., Aurora, Ill.
 Austin M. B. & Co., 706 W Jackson bl., Chicago, Ill.
 Barlow Foundry Co. ("Jem"), 551 R. R. av, Newark, N. J.
 Berry-Glosser Co., Marion, O.
 Bierman-Everett Foundry Co., Irvington, N. J.
 Bonnell W. A. Co., 132 Church, New York
 Brady Electric Mfg. Co. ("Brady" Arc), New Britain, Conn.
 Burns Jas. F., 713 Cherry, Phila., Pa.
 Chelton Elec. Co., Armat & Heiskel, Phila., Pa.
 Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
 Cleverly Electrical Works, 17 N 7th, Phila., Pa.
 Colgan W. H. Co. ("Rex"), W. Newton, Mass.
 Columbia Metal Box Co., 226 E 144th, New York
 Conlan Electric Co., 86 Walker, New York
 Connecticut Elec. Mfg. Co., Bridgeport, Conn.
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.
 Crouse-Hinds Co. ("Condulets"), Syracuse, N. Y.

Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
 Cutter Geo. Co. ("Quixet" floor), South Bend, Ind.
 D & W Fuse Co., Hathaway, Providence, R. I.
 Dill Mfg. Co., 684 E 82d, Cleveland, O.
 Economy Elec'l. Specialty Co., 2857 S Halsted, Chicago, Ill.
 Electric Operations Co., 254 36th, Brooklyn, N. Y.
 Electric Panelboard Co., 27 N Water, Rochester, N. Y.
 Fancieve Specialty Co., Boston, Mass.
 Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
 G. & W. Electric Specialty Co. ("Subway"), 7440 S Chicago av, Chicago, Ill.
 Geometric Stamping Co., 1390 E 40th, Cleveland, O.
 Gillette-Vibber Co. ("G. V." Outlet), New London, Conn.
 Gleason John L. ("Fancieve" for Exposed Conduits), Jamaica Plains, Boston, Mass.
 Greater N. Y. Metal Box Co., 143 W 19th, New York
 Hart Mfg. Co., 231 Hamilton, Hartford, Conn. *See adv index at end of book*
 Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Iron Spec. Co., 166 E 114th, New York
 Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
 Krantz Mfg. Co. (Adj.), 160—7th, Brooklyn, N. Y.
 Manhattan Electrical Supply Co. ("Mesco" Floor), 17 Park pl, New York
 Mansfield Elec'l. Hardware Mfg. Co., Mansfield, O.
 Mutual Electric & Machine Co., 232 Fort W Detroit, Mich.
 National Metal Molding Co. ("National"), 1110 Fulton bldg, Pittsburgh, Pa.
 New England Machine & Electric Co., Pawtucket, R. I.
 Newgard Henry & Co. ("Newgard"), 947 Wash'n boul, Chicago, Ill.
 Ostrander W. R. & Co (Cast Iron), 371 B'way, New York
 Pass & Seymour, Solvay, N. Y.
 Potter Mfg. Co., 1060 Superior av, N W, Cleveland, O.
 Pratt Chuck Co., Frankfort, N. Y.
 Pringle Electrical Mfg. Co., 1906 N 6th, Phila, Pa.
 Protective Electrical Supply Co., Fort Wayne, Ind.
 Renim Specialty Co. ("Renim" Universal for Flexible Metallic & Non-Metallic Conduits), Brighton, Boston, Mass.
 Rice Geo. H. Co., 481 Sterling pl, Brooklyn, N. Y.
 Robb & Blackmer, 129 Pearl, Boston, Mass.
 Russell & Stoll Co. (Floor Only), 17 Vandewater, New York
 Seidler-Miner Co. (Marine), Detroit, Mich.
 Sieffert Electric Co., Evansville, Ind.
 Sprague Electric Works (Universal), 529 W 34th, New York
 Standard El. Fitting Co., 71 Walnut, Stamford, Conn.
 Standard Underground Cable Co. (Cable Junction Box for High Tension Transmission Circuits), Pittsburgh, Pa.
 Stanley & Patterson ("Patterson," "Fielding"), 23 Warren, New York
 Star Metal Box Co., 509 W 19th, New York
 Stecker Elec. & Machine Co., Detroit, Mich.
 Steel City Electric Co. ("Steel City," "Campbell Receptacle," "Fullnean"), 1207 Columbus av, Pittsburgh, Pa.
 Sterling Foundry & Machine Co., 521 Chancellor av, Newark, N. J.
 Superior Electric Mfg. Co., 2416 Univ av, S E, Minneapolis, Minn.
 Taylor-Boggis Foundry Co., 1913 W 3d Cleveland, O.
 Thomas & Betts Co. ("Metzger"), 105 Hudson, New York

United Electrical Construction Co., 110 S Dearborn, Chicago, Ill.
 Universal Elec. & Specialty Mfg. Co., New Orleans, La.
 V. V. Fittings Co., 1906 N 6th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Wilson A. B. Co., Leader-News bldg, Cleveland, O.
 Wurdack Wm. Elec. Mfg. Co., 21 S 11th, St. Louis, Mo.

Boxes (Letter)

See Boxes, Mail

Boxes (Lithographed Metal)

See Boxes & Cans, Litho Metal

1243— Boxes (Lock)

Corbin Cabinet Lock Co., New Britain, Conn.
 Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
 Merriam Mfg. Co. (Tin), Durham, Conn.
 Meilink Mfg. Co. (Heavy Steel Plate), Toledo, O.
 Miller Lock Co., 4523 Tacony, Phila., Pa.
 Standard Stamping Co., Maryville, O.
 Stirrup Mfg. Co., 257 Greenwich, New York
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York; Works: Stamford, Conn.

1244— Boxes (Lock Corner)

Abbey Frank R. (And Nailed Wooden), 15 William, New York
 Acme Box Co., 1401 W 21st pl, Chicago, Ill.
 Alliger Box & Lumber Co., N Tonawanda, N. Y.
AMERICAN CRAYON CO. ("Basswood"), 1300 Hayes av, Sandusky, O.
See adv index at end of book
 American Woodworking Co., 19 Warren, New York
 Atwood & McManus Box Co. (Wooden), Chelsea, Mass.
 Beck August C. Co., 1-30 East, Milwaukee, Wis.
 Bogert & Hopper (Wooden), 67 Barclay, New York
 Burdick I. N., 136 Wooster, New York
 Cardington Cabinet Co., Cardington, O.
 Columbia Box Co., 19th & N Market, St. Louis, Mo.
 Connecticut Box Co., New Haven, Conn.
 Dickinson's A. Sons, Ashuelot, N. H.
 Dunning-Varney Corp., 99 Warren, New York
 Embry Box Co., Louisville, Ky.
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
 Franklinville Canning Co., Franklinville, N. Y.
 Green A. H. Co., 97 Warren, New York
 Griggs-Hanna Co., 1240 Michigan av, Detroit, Mich.
 Hart Dow, J., Marlboro, N. H.
 New England Box Co., Greenfield, Mass.
 Niagara Box Co., 820 S Division, Buffalo, N. Y.
 Novelty Turning Co., Norway, Me.
 Omaha Box Co., Omaha, Neb.
 Page Geo. G. Box Co., Cambridge, Mass.
 Parsons Mfg. Co., Chelsea, Mass.
 Peirce W. E. & Co., Milford, N. H.
PETERSON F. W. CO., 68 Thomas, New York *See adv index at end of book*
 Schutz Bros., 71 W B'way, New York
 Sheip Hy. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
STILES H. A. & CO., 93-97 Oliver, Boston Mass. *See adv index at end of book*
 Sweet A. H. & Son, Norton, Mass.
 Thompson Jas. A., Lowell, Mass.
 Tollner's Chas. Sons Co., Pulaski, N. Y.
 Union Hardware Co., Torrington, Conn.



99 Railroad Street, Rochester, N. Y.

Varney Isaac & Sons Co., Fall River, Mass.
 West F. M. Box Co. (Side Cover), Springfield, Mass.

1245—Boxes (Locomotive Driving)

DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
 Keystone Bronze Co., Pittsburgh, Pa.

1246— Boxes (Lunch)

Columbus Fibre Box Co. (Fibre), N W cor Hickory & Wall, Columbus, O.
 Enoch Mfg. Co., Mount Sterling, Ky.
 Fletcher, Terry Co. (Folding Fibre, etc), Forestville, Conn.
 Kennebunk Mfg. Co. (Folding Fibre, etc), Rochester, N. H.
 Landers, Frary & Clark Co. ("Universal" Metal), New Britain, Conn.
 Reading Saddle & Mfg. Co. ("20th Century," "Eagle," "Black Diamond," "American," "Raven," "Reading"), Reading, Pa.
 Rochester Lunch Box Mfg. Co. ("Ideal"), Rochester, N. Y.
 Try It Mfg. Co. (Folding), Plainville, Conn.
 White Paper Box Co. ("Perfection"), Holyoke, Mass.

1247— Boxes (Mail)

See also Boxes, Rural Mail

Ajax Hardware Mfg. Co. ("Ajax Rust-Proof"), 1100 Military rd, Buffalo, N. Y.
 American Mailing Device Corp., 103 Park av, New York
 Bunnell J. H. & Co. (For Apartment Houses, etc), 32 Park pl, New York
 Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Climax Lock & Ventilator Co. ("Climax"), 656 Michigan av, Buffalo, N. Y.
 Corbin Cabinet Lock Co. (Apartment House & Office Letter Boxes), New Britain, Conn.
 Couch S. H. Co., Norfolk Downs, Mass.
 Elec. Apparatus Co., 127 S Green, Chicago, Ill.
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
 Federal Equipment Co., Carlisle, Pa.
 Forest City Foundry & Mfg. Co. ("Standard"), 2202 Elm av, Cleveland, O.
 Gier Pressed Steel Co., Lansing, Mich.
 Gray Iron Foundry Co., Reading, Pa.
 Heise Wm. F. Mfg. Co. ("20th Century"), 355 Union pk et., Chicago, Ill.
 Introstile Mfg. Co. ("Urban"), Marietta, O.
 In Vu Mfg. Co., Rochester, N. Y.
 Keil Frances & Son, 401 E 163d, New York
 Lovell F. H. & Co., Arlington, N. J.
 Manhattan Electrical Supply Co. ("Mesco" Letter), 17 Park pl, New York
 Menominee Elec. Mfg. Co., Menominee, Mich.
 Merriam Mfg. Co. (Tin), Durham, Conn.
 Nicol & Co., 218 N Jefferson, Chicago, Ill.
 Northwestern Mail Box Co. ("Carriers' Friend"), 5029 McKissock, St. Louis, Mo.
 Oakes Mfg. Co., Tipton, Ind.
 Peck Hardware Mfg. Co., Berlin, Wis.
 Phelps & Sons Mfg. Co., 110 Pennington, Newark, N. J.
 Presteel Co. (Steel), Grafton, O.
 Reading Hardware Co., Reading, Pa.
 Rock Island Mfg. Co., Rock Island, Ill.

Established
1847

E. B. ESTES & SONS

Manufacturers
of

Lock Cornered Eastern White Pine and Basswood
PACKING and MAILING BOXES
 ALSO FINISHED HARDWOOD BOXES FINE PRINTING A SPECIALTY

358 5th AVENUE, NEW YORK CITY



Samson Elec. Co., 146 Summer, Canton, Mass.
 Standard Stamping Co., Marysville, O.
 Tatum Sam'l C. Co., Colerain av & Monmouth Camp, Cincinnati, O.
 Taylor & Boggis Foundry Co., Cleveland, O.
 Walsh, Owen Mfg. Co., 525 W 26th, New York
 Wheeler W. A. ("Globe"), Indianapolis, Ind.
 Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
 Winfield Mfg. Co., Warren, O.
 Yale & Towne Mfg. Co., 9 E 40th, New York

1248— Boxes (Mailing)

Estes E. B. & Sons (Screw Cover), 358 5th av, New York
See adv index at end of book
 Jencks Paper Box Co. ("Sensible," "Whitney"), 45 Waldo, Providence, R. I.
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.

1249—Boxes (Manhole Junction)

Columbia Metal Box Co., 226 E 144th, New York
 D & W Fuse Co., Hathaway, Providence, R. I.
 G. & W. Electric Specialty Co., 7440 S Chicago av, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Johns H. W.-Manville Co. ("Noark"), Madison av & 41st, New York
 Ricker Mfg. Co., 239 N Water, Rochester, N. Y.
 Standard Underground Cable Co., Pittsburgh, Pa.

1250—*Boxes (Medicinal, Toilet, Etc.)

AMERICAN CAN CO. (Seamless, etc), 120 B'way, New York
See adv index at end of book

1251-2— *Boxes (Metal)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
 Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1253— Boxes (Meter)

Advance Electric & Mfg. Co., Kans. City, Mo.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Brady Electric Mfg. Co. (For Sealing Wires After Meter is Removed), New Britain, Conn.
BUFFALO METER CO. (Water Meter), 2921 Main, Buffalo, N. Y.
See adv index at end of book
 Casey-Hedges Co. (Cast Iron), Chattanooga, Tenn.
 Clark H. W. Co. ("Clark," "Southland"), Mattoon, Ill.
 Clarksville Foundry & Machine Works ("Ryder" Self-Locking), Clarksville, Tenn.
 Columbian Iron Works, Chattanooga, Tenn.
 Dickey W. S. Clay Mfg. Co., Life bldg, Kansas City, Mo.
 Ford Meter Co., Wabash, Ind.
 Modern Iron Works ("Andrews"), Quincy, Ill.

1253a—*Boxes (Meter Dial Curb)

BUFFALO METER CO., 2921 Main, Buffalo, N. Y.
See adv index at end of book

1254— Boxes (Milk)

Rice & Adams (Sanitary), Buffalo, N. Y.

1255— Boxes (Miners' Squib)

Anton Geo. T. & Bro., Monongahela, Pa.

1256— Boxes (Mitre)

Gay Geo. E. ("Gem" Folding), Augusta, Me.
 Gilford F. E. ("Gilford's" Adjustable), Concord, N. H.
 Goodell Mfg. Co. ("Goodell" Bessemer Steel & "Greenfield" Iron), Greenfield, Mass.

Goodell-Pratt Co. ("Goodell" & "All-Steel"), Greenfield, Mass.
 Jacobs L. W., West Willington, Conn.
 Jennings C. E. & Co., 71 Murray, New York
 Kawalle Automatic Mitre Box Co., Manitowoc, Wis.
 McCarty J. C. & Co. ("Victor" Folding), 29 Murray, New York
 McFarlan & Spilker Mfg. Co. ("Excelsior" & "Spelter"), Colerain & Dorman, Cincinnati, O.
 Mayhew H. H. Co. ("Mayhew"), Shelburne Falls, Mass.
 Millers Falls Co. ("Langdon," "Star," "Marsh-Ayer"), Millers Falls, Mass.
 Nicholls Mfg. Co. ("True"), Ottumwa, Iowa

Ohio Tool Co. (Hardwood), Charleston, W. Va.
 Olmsted's L. H. Son, Hasbrouck Heights, N. J.
 Overholt Co. (Autos, etc), Galesburg, Ill.
 Robinson M. W. Co. ("Jacobs" Patent), 88 White, New York
 Rockford Mitre Box Co. ("Star," "Honeycomb" for Metal or Wood), Rockford, Ill.
SMITH & HEMENWAY CO. ("Seavey," Patent, "Red Devil"), 76 Chambers, New York *See adv index at end of book*
 Stanley Rule & Level Co. ("Stanley," "Victor"), New Britain, Conn.
 Stearns E. C. & Co. ("Stearns" Folding), 450 Oneida, Syracuse, N. Y.
 Union Hardware Co. ("Perfection"), Torrington, Conn.

1257— Boxes (Muffle)

Bethlehem Foundry & Machine Co. (For Chemical Mfg, etc), Front, South Bethlehem, Pa.
 Garwood Bronze & Iron Works, Garwood, N. J.

1258— Boxes (Music)

Jacot A. H., 29 John, New York
 Regina Co., 47 W 34th, New York

1259— Boxes (Nail)

AMERICAN STEEL & WIRE CO. ("Mrs. McGregor"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
 St. Louis Paper Can & Tube Corporation (Fibre, for Roofing Nails), St. Louis, Mo.

1260— Boxes (Oil Fuse)

Ricker Mfg. Co. ("Rochester"), Rochester, N. Y.

1260a—*Boxes (Optical Mailing)

Established 1847 **E. B. ESTES & SONS**
 Manufacturers of Lock Cornered Eastern White Pine and Basswood
PACKING AND MAILING BOXES
 Also Finished Hardwood Boxes. Fine Printing a Specialty
 358 5th AVENUE NEW YORK CITY

Boxes (Outlet or Junction)

See Boxes, Junction or Outlet

1261—Boxes (Paper, Metal Edge)

Economy Metal Edge Box Co., 500 S Peoria, Chicago, Ill.
 National Metal Edge Box Co., 8th c Wil-low, Phila., Pa.
 N. Y. Metal Edge Box Works, 212 Front, New York

1262—*Boxes (Paper Shipping)

Bridgman Smith Co., Kent & Division avs, Brooklyn, N. Y.
 Knowlton M. D. Co., Rochester, N. Y.

1263— *Boxes (Parcels Post)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
HINDE & DAUCH PAPER CO. (Corrugated Fibre), Sandusky, O.

1264— Boxes (Pencil)

American Mfg. Concern (Advertising), Falconer, N. Y.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Tollner's Chas. Sons Co., Pulaski, N. Y.

1264a—*Boxes (Pin & Hairpin)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1264b— Boxes (Pin & Trinket)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1265— Boxes (Pitman)

Herschel R. Mfg. Co., Peoria, Ill.

1265a—Boxes (Plant, All Metal)

Majestic Co., Huntington, Ind.

1266— Boxes (Porous Clay)

Maddock John & Sons (Special Oblong, etc), Trenton, N. J.

1267—Boxes (Post Office Lock)

Eagle Lock Co., Terryville, Conn.
 Federal Equipment Co., Carlisle, Pa.
 Keyless Lock Co., Indianapolis, Ind.
 Yale & Towne Mfg. Co., 9 E 40th, New York

1268—*Boxes (Precipitating)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

1268a— Boxes (Puff)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
 Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1269—Boxes (Railroad Ticket & Cash Receipt)

Macdonald Ticket & Ticket Box Co., 201 Penn bldg, Cleveland, O.

1269a— Boxes (Rectangular)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

Boxes (Resistance)

See Rheostats

1270— Boxes (Rural Mail)

See also Boxes, Mail

Alexander Aaron, Newfield, N. Y.
 Banker C. P., Lawrence, Kan.
 Barth A. H., Jr., Lamar, Mo.
 Bettler C. L. & Son, ("Wapello"), Wapello, Ia.
 Brickenstein L. B. ("Winston-Salem," "Brickenstein"), Winston-Salem, N. C.
 Coulston Brundage & Co., La Harpe, Ill.
 Dairymen's Mfg. Co. ("Dandy"), Bay, Jersey City, N. J.
 Deshler Mail Box Co. ("Ohio," "Deshler"), Deshler, O.
 Erickson J. M., Slater, Ia.
 Folsom C. G. Mfg. Co. ("Ideal"), South Bend, Ind.
 Forney John H. ("Enterprise"), Burlington, Ia.
 Gust G. W., Morenci, Mich.
 Harper & McIntire Co. ("Har Mac"), Ottumwa, Ia.
 Heine Jno F. & Son ("Hooper"), Hooper, Neb.
 Heller-Aller Co., Napoleon, O.
 Hessler H. E. Co. ("Hessler"), Syracuse, N. Y.
 Hill A. Co., Napoleon, O.
 Hopson W. C. Co. ("Standard"), Grand Rapids, Mich.
 Kelly Foundry & Machine Co., Goshen, Ind.
 Kentucky Stamping Co. ("Kentucky" Automatic), Louisville, Ky.
 Learn & Brindle ("Ideal"), Columbus, O.
 Lisk Mfg. Co. (Ltd.) ("Lisk" Aluminum Galvanized), Canandaigua, N. Y.
 Mankoff L. G., Verden, Okla.
 Moore James T. & Co., Terre Haute, Ind.
 Northwestern Mail Box Co. ("Carriers Friend"), 5029 McKissock, St. Louis, Mo.

Peck Hardware Mfg. Co. ("Gem," "Jewel"), Berlin, Wis.
 Reese & Bro., Rolling Prairie, Ind.
 Roesch Geo. E. ("Aurora" Automatic), Aurora, Ill.
 Superior Sheet Metal Works Co. ("Leader," "Standard" Superior), 3201 Roosevelt av, Indianapolis, Ind.
 Swan Geo. B. ("Improved Royal"), Mattoon, Ill.
 Tharpe Hardware & Mfg. Co. ("Weather proof"), Monroe, N. C.

1271—Boxes (Safe Deposit)

Berger Mfg. Co., Canton, O.
 Bethlehem Steel Co. (Armor Plate), South Bethlehem, Pa.
 Diebold Safe & Lock Co. (Steel), Canton, O.
 Gross-Feibel Co., Hillsboro, O.
 Hamilton Sheet Metal Co., Hamilton, O.
 Kraft A. C., 323 W Lake, Chicago, Ill.
 Pottsville Foundry & Stove Co., Pottsville, Pa.
 Trumbull Safe & Vault Co., 77 W Lake, Chicago, Ill.
 Waterloo Hdw. Co., Waterloo, Ia.

1271a—*Boxes (Safety Razor)

Estes E. B. & Sons (Wood, Polished), 358 5th av, New York *See adv index at end of book*
 Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*

1272—Boxes (Salt, Spice, Etc.)

Arcade Mfg. Co. (Wood), Freeport, Ill.
 Chapman-Sargent Co. (Wooden), Perrysburg, O.
 Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.
 Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Lalance & Grosjean Mfg. Co. (Enameled Iron), 299 B'way, New York
 St. Louis Paper Can & Tube Corporation, St. Louis, Mo.

1272a—Boxes (Salve)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1273—Boxes (Sand)

See also Locomotive Sanders

Brill J. G. Co. ("Dumpit"), 62d & Woodland av, Philadelphia, Pa.
 Cleveland Fare Box Co. ("Cleveland"), 5318 St. Clair av, Cleveland, O.
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
 Dayton Mfg. Co. ("Simmons-Moore"), Dayton, O.
 Electric Service Supplies Co. ("Keystone" Vacuum), 17th & Cambria, Philadelphia, Pa.
 Duner Co., 101 S Clinton, Chicago, Ill.
 Haese Track Sander Co., Milwaukee, Wis.
 Holland Trolley Supply Co. ("Nichols-Lintern"), 1623 E 43d, Cleveland, O.
 Jewett Car Co., Newark, O.
 Lord Mfg. Co. ("Sterling"), 105 W 40th, New York
 Ridlon Frank Co. ("Kilbourn"), 261 Franklin, Boston, Mass.
 Trojan Button Fastener Co. ("Ham"), Troy, N. Y.

1274—Boxes (Scale)

American Hoist & Derrick Co., St. Paul, Minn.
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
 Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.
 Ohio Ceramic Engineering Co. ("Lake-wood"), Berea rd, Cleveland, O.
STEBNER G. L. IRON WORKS (Steel), Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*
 Union Iron Works, Hoboken, N. J.

1275—Boxes (Seamless Tin)

AMERICAN CAN CO., 120 B'way, New York *See adv index at end of book*
 Buckeye Stamping Co., Columbus, O.
 Clark J. L. Mfg. Co., Rockford, Ill.

Rumrill & Co., 52 Purchase, Boston, Mass.

Boxes (Service)

See Boxes, Valve & Service

1276—Boxes (Shafting)

See also Power Transmitting Machinery
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Badger Gas & Gasoline Engine Co., Kansas City, Kans.
 Brown A. & F. Co., 79 Barclay, New York.
 Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Falls Clutch & Machy. Co., Cuyahoga Falls, O.
 Great Western Mfg. Co., Leavenworth, Kans.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Hunt Rodney Machine Co., Orange, Mass.
 Hyatt Roller Bearing Co. ("Hyatt," Roller Bearing), Harrison, N. J.
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa. *See adv index at end of book*
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
 Mobile Pulley & Machine Co., Mobile, Ala.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Webster Mfg. Co., Tiffin, O.
 Wolf Co., Chambersburg, Pa.
 Wood's T. B. Sons Co., Chambersburg, Pa.

1277—Boxes (Shelf Hardware)

Burdick I. N., 136 Wooster, New York
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
 Green A. H. Co. (Interchangeable Lock Corner), 97 Warren, New York
 Heller W. C. & Co. (Varnished Oak Fronts), Montpelier, O.
 Moore Chas. P. ("Perfect"), Ravenswood, W. Va.
 Sheip Hy. H. Mfg. Co., Columbia av & 6th, Phila., Pa.

Boxes (Shop, Steel)

See Boxes, Tote, Sheet Steel

1278—Boxes (Shuttle)

Barney & Berry (Steel), Springfield, Mass.

1278a—Boxes (Soap)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1279—Boxes (Spark Coil, Waterproof)

Churchill Cabinet Co., 2119 Churchill, Chicago, Ill.
 Standard Cabinet Mfg. Co., Peru, Ind.
 Stanley & Patterson ("Watertite"), 23 Murray, New York
 Union Hardware Co., Torrington, Conn.
 West F. M. Box Co., Springfield, Mass.

1279a—Boxes (Sponge)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1280—*Boxes (Sprue)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

1281-2-3—*Boxes (Stacking Steel)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

Boxes (Starting)

See Rheostats

1284—*Boxes (Stock, Steel)

Ohio Mfg. Co., P. O. Box 358, Painesville, O. *See adv index at end of book*

Boxes (Stoneware)

See Stoneware, Chemical

1285—Boxes (Stuffing)

Buckeye Iron & Brass Works, Dayton, O.
 Crane Co. (Est. 1855) (Brass), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Kelly & Jones Co. (Oil Well), 135 Water, Pittsburgh, Pa.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
 National Tube Co. (Brass), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Richardson, Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.
 Union Machine Co. ("D. & L." Throttle Rod, 183 University av, St. Paul, Minn.
 Upson-Walton Co. of N. Y. The ("No-bind") (Marine), 291 B'way, New York *See adv index at end of book*
 Wilcox, Crittenden & Co. (Bronze), Middletown, Conn.

1286—Boxes (Switch)

Adam Frank Electric Co., 904 Pine, St. Louis, Mo.
 Advance Electric & Mfg. Co., Kansas City, Mo.
 Allsteelquip Co., Aurora, Ill.
 Bonnell W. A. Co., 132 Church, New York, N. Y.
 Bryant Electric Co., Bridgeport, Ct.
 Burns Jas. F., 713 Cherry, Phila., Pa.
 Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
 Colgan W. H. Co. ("Rex"), West Newton, Mass.
 Columbia Metal Box Co., 226 E 144th, New York
 Cutter Electrical & Mfg. Co. ("Munit"), 19th & Hamilton, Phila., Pa.
 Economy Switchbox & Mfg. Co. ("E-Z"), Cleveland, O.
 Frederick-Elder Co., Bridgeville, Pa.
 Freeman E. H. Electric Co., Trenton, N. J.
 Gleason John L. ("Francleve" for Exposed Conduits), Jamaica Plains, Boston, Mass.
 Hall Switch & Signal Co. (For R. R. Signal Systems), 50 Church, New York
HART MFG. CO. ("Diamond H"), 231 Hamilton, Hartford, Conn. *See adv index at end of book*
 Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Holabird-Reynolds Elec. Co., Los Angeles, Cal.
 Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
 National Metal Molding Co. ("National" Solid), Fulton bldg, Pittsburgh, Pa.
 Newgard Henry & Co. ("Newgard"), 947 Wash'n blvd, Chicago, Ill.
 Nottingham Wm., N 204 W Brighton, Syracuse, N. Y.
 Ostrander W. R. & Co., 371 B'way, New York
 Palmer Electric & Mfg. Co., 60 K, Boston, Mass.
 Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
 Renim Specialty Co. ("Renim" for Use with Flexible Metallic & Non-Metallic Conduit, etc), Brighton, Boston, Mass.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

Rice Geo. H. Co. ("Hol-Ken"), 481 Sterling pl, Brooklyn, N. Y.
 Steel City Electric Co. ("Steel City"), 1207 Columbus av, Pittsburgh, Pa.
 Stirrup Mfg. Co. (for Moving Picture Machine), 257 Greenwich, New York
 Tanner Wm. F. & Co. (Steel), 329 N Calvert, Baltimore, Md.
 Taylor & Boggis Foundry Co., Cleveland, O.
 Thomas & Betts Co. ("Toler"), 105 Hudson, New York
 Trumbull Elec. Mfg. Co., Plainville, Conn.
 V. V. Fittings Co. (Push Buttons, etc), 1906 N 6th, Philadelphia, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Wharton Wm. Jr. & Co. Inc., Easton, Pa.

1286a— *Boxes (Syringe)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1287— Boxes (Tackle)

Merriam Mfg. Co. ("Johnson," Trayless), Durham, Conn.
 Stirrup Mfg. Co., 257 Greenwich, New York
 Wright Bros. Paper Box Co., Fond du Lac, Wis.

1288— Boxes (Take Up)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Dow Wire & Iron Works, Louisville, Ky.
 Great Western Mfg. Co., Leavenworth, Kan.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
 Mobile Pulley & Machine Co., Mobile, Ala.
 Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Strait H. N. Mfg. Co., Kansas City, Kan.
 Webster Mfg. Co., Tiffin, O.
 Wolf Co., Chambersburg, Pa.

1288a—Boxes (Talcum Powder)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725 27 B'way, New York

1289— *Boxes (Taper, Steel)

OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

Boxes (Telephone)

See Telephone Cabinet Work

E S T A B L I S H E D 1 8 4 7
E. B. ESTES & SONS
 Manufacturers of DRUGGISTS' AND CHEMISTS' TURNED WOODEN BOXES
 Plain and Polished Turned Wood Vials & Bottles, Powder Boxes, Plain and Silicated Wooden Ointment Jars. Screw Covered Boxes a Specialty
358 5th Ave. - - - - - New York City

1290—Boxes (Telephone Toll)

Baird Equipment Co., 334 W Ohio, Chicago, Ill.

1291—*Boxes (Ticket Cancelling)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

1292-3-4—*Boxes (Tin, Cigar)

National Can Co., Detroit, Mich.

1295— Boxes (Tobacco)

Cheshire J. & Son, Martinsville, Va.
 Mershon W. B. & Co., Saginaw, Mich.
 Runyon Bros., Eaton, O.
 Vance E. J. Box Co., Ltd., Bay City, Mich.

1296—Boxes (Tool, Motorcycle)

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

1297— *Boxes (Tool, Steel)

See also Steel Factory Equipment
 Ohio Mfg. Co., P. O. Box 358, Painesville, O. *See adv index at end of book*

1297a—*Boxes (Tool, Wood for Mechanics)



99 Railroad Street, Rochester, N. Y.

1297b—Boxes (Tooth-Powder)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1298—Boxes (Tote, Sheet Steel)

Allsteelquipt Co., Aurora, Ill.
 Arnold S. G. ("Guttman"), 2619 W Van Buren, Chicago, Ill.
 Berger Mfg. Co., Canton, O.
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
 Clark W. J. Co., Salem, O.
 Cleveland Wire Spring Co., Cleveland, O.
 Defiance Pressed Steel Co., Defiance, O.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

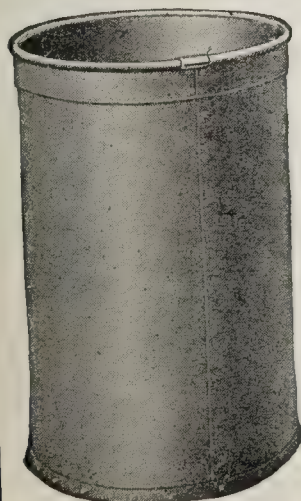
Gem Stamped Steel Co., Chelsea, Mass.
 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
HART & HUTCHINSON CO. ("H. & H."), Dept C, New Britain, Conn.
 Heller W. C. & Co. (For Dies, Bolts, Nuts, Screws, etc), Montpelier, O.
 Kilbourne & Jacobs Mfg. Co., Columbus, O.
 Kraft A. C., 323 W Lake, Chicago, Ill.
 Littleford Bros., 444 E Pearl, Cincinnati, O.
 Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
 Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.
 New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*
 Sly W. W. Mfg. Co., 4700 Train av, Cleveland, O.
 Sterling Wheelbarrow Co., Milwaukee, Wis.
 Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.
 Wilson Andrew Co., 6616 Essex, Lawrence, Mass. *See adv index at end of book*

1299— Boxes (Tubular)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1300— Boxes (Turned Wood)

See also Boxes, Lock Corner; also Wood Novelties, Turned
 American Woodworking Co., 19 Warren, New York
 Bogert & Hopper (Bluing, Druggists, Face Powder, Pencil, Salt, Screw Cover, Spice, Tool, Extract, etc), 67 Barclay, New York
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
 Forrest City Box Co., Forest City, Arkansas
 Peirce W. E. & Co., Milford, N. H.
 Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
 Schutz Bros., 71 W B'way, New York
 Sheip H. H. Mfg. Co., 6th & Columbia av, Phila., Pa.
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
 Stratton Mfg. Co., Stratton, Me.



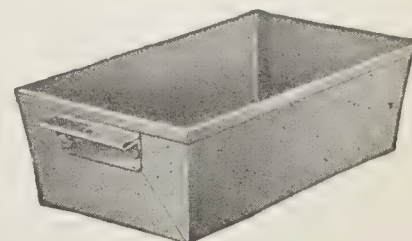
Ohio Manufacturing Co.

P. O. BOX 358

PAINESVILLE, OHIO

Sheet Steel Shop, Foundry and Truck Barrels.

Sheet Steel Tote Boxes
 Annealing Pans
 Steel Lathe Pans
 Steel Pattern Storage, Tool and Stock Room Racks
 Steel Factory Equipment
 Adjustable Steel Factory Stools
 Steel Barrel Trucks
 Steel Shop Kegs
 Shop Pans
 Steel Shelving



1301— Boxes (Twine)

Gray Iron Casting Co. (Ball Twine), Mt. Joy, Pa.
 Landers, Frary & Clark, New Britain, Conn.
 Nicol & Co. ("Nicol's," Hanging, Beehive, etc.), 218 N Jefferson, Chicago, Ill.
 Tatum Sam'l C. Co., Colerain av & Monmouth Camp, Cincinnati, O.
 Williams A. C. Co., Ravenna, O.

1302—Boxes (Valve & Service)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Bourbon Copper & Brass Works (Extension, etc.), 618 E Front, Cincinnati, O.
 Bowsher N. P. Co. ("Abbott" Service Stop Box), South Bend, Ind.
 Builders' Iron Foundry ("Stacy" Extension Service, "Chadbourne" Service), 9 Coddling, Providence, R. I.
 Campbell J. B. Brass Works, Erie, Pa.
 Canton Foundry & Machine Co. (Adjustable), Canton, O.
 Casey-Hedges Co., Chattanooga, Tenn.
 Central Foundry Co. ("Buffalo" & "Phoenix" Pattern), 90 West, New York
 Clark H. W. Co., Mattoon, Ill.
 Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
 Columbian Iron Works, Chattanooga, Tenn.
 Cutter Geo. Co. (Steel Service), South Bend, Ind.
 Darling Pump & Mfg. Co. (Ltd.), (Extension Valve), Williamsport, Pa.
 Drummond M. J. & Co., 51 Chambers, New York
 Guilderland Foundry Co. ("G. F. Co.," Cast Iron Cut Service Boxes), Guilderland, N. Y.
 Hays Mfg. Co., Erie, Pa.
 Illinois Malleable Iron Co., 1801 Diversey Blvd., Chicago, Ill.
See adv index at end of book
 Iowa Valve Co., Oskaloosa, Ia.
 Jarecki Mfg. Co. ("Jarecki," "Erie," "Expansion," etc), Erie, Pa.
 Kennedy Valve Mfg. Co. (Extension Valve), Elmira, N. Y.
 Loetzer Valve & Mfg. Co. ("Loetzer" Extension Street), Monroeton, Pa.
 Ludlow Valve Mfg. Co. (Adjustable Valve), ft. of Adams, Troy, N. Y.
 Modern Iron Works ("Buffalo" Valve, "Peerless," "Quin-See" & "Bignall" Adjustable Service), Quincy, Ill.
 Mueller H. Mfg. Co., Decatur, Ill.
 Multi Electric Mfg. Co., 703 Fulton, Chicago, Ill.
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.
 Rensselaer Valve Co. (Valve Only), Troy, N. Y.
 S. E. T. Valve & Hydrant Co., 52 Church, New York
 South Park Fdry. & Mach. Co., St. Paul, Minn.
 Taylor W. P. Co., 218 Ellicott sq, Buffalo, N. Y.
 Union Foundry Co., Anniston, Ala.
 Wood R. D. & Co. (Adjustable), 400 Chestnut, Philadelphia, Pa.

1302a— *Boxes (Veneer)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1303— Boxes (Vent)

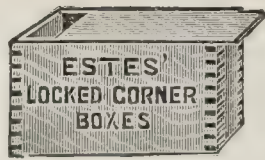
Gray Iron Foundry Co. (Cast Iron 6" Square), Reading, Pa.

1304— Boxes (Wagon)

Anderson Co., 2324 University av, St. Paul, Minn.
 Herschel R. Mfg. Co., Peoria, Ill.
 Pekin Wagon Co., Pekin, Ill.
 Peterson Bell & Co., Clinton, Ia.
 Standard Mfg. Co. (For Farm Use), Council Bluffs, Ia.
 Turnbull Wagon Co., Defiance, O.

1305— Boxes (Wall)

Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Clark W. J. Co., Salem, O.
 Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.
 Dodge Sales & Engineering Co., Mishawaka, Ind.



Established 1847 **E. B. ESTES & SONS**
Manufacturers of Lock Cornered Eastern White Pine and Basswood PACKING AND MAILING BOXES
 Also Finished Hardwood Boxes - Fine Printing a Specialty
 358 5th Ave. - New York City



Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
 Ernsdorff John Iron Co. (For Farm Use), Dubuque, Ia.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Ideal Hanger Co., Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Lanz M. & Sons Co. (Steel), 2907 Carson, Pittsburgh, Pa.
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
 Mobile Pulley & Machine Co., Mobile, Ala.
 Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
 Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
 Webster Mfg. Co., Tiffin, O.

1306— Boxes (Waste)

See also Cans, Waste

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
 Clark W. J. Co., Salem, O.
 Cleveland Wire Spring Co., (Oily Waste, Sheet Metal), Cleveland, O.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Ely & Williams Co. (Individual), 257 B'way, New York
 Koven L. O. & Bro. (Iron), 154 Ogden av, Jersey City, N. J.
 Kraft A. C., 333 W Lake, Chicago, Ill.

1306a— *Boxes (Watch)

Estes E. B. & Sons (Wood), 358 5th av, New York *See adv index at end of book*

1307— Boxes (Watchman's)

Sohm Electric Co. ("Sohm System" for Stores, Factories, etc), 141 W Austin av, Chicago, Ill.

1308—Boxes (Weigh, for Coal Triples)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Philadelphia, Pa.
See adv index at end of book

1309— Boxes (Wire Bound)

Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
 Cincinnati Wire Bound Box Co., 213 Webster, Cincinnati, O.
 Conneaut Can Co. ("Conneaut"), Conneaut, O.
 Defiance Box Co., Defiance, O.
 Detroit Wire Bound Box Co., 1031 18th, Detroit, Mich.
 Dietz Fred Co., 1102 Madison av, Indianapolis, Ind.
 Emby Box Co., Louisville, Ky.
 Indianapolis Wire Bound Box Co., 10th & Canal, Indianapolis, Ind.
 Plymouth Mfg. Co. ("Fassmacht" Sectional Packing), Plymouth, Ind.
 Sterling Wire Box Co., 366 So Senate av, Indianapolis, Ind.

1309a— *Boxes (Wood)

Andrews O. B. Co., Chattanooga, Tenn.
 Estes E. B. & Sons (Polished, Hinge Cover, Microscope Slide, Screw Cover & Nested), 358 5th av, New York *See adv index at end of book*
 Union Tool Chest Wks. (Ammunition, Cartridge, Dry Battery, Telephone & Tool), 99 Railroad, Rochester, N. Y.
See adv index at end of book

1309b—*Boxes (Wooden Packing)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

1310— Boxes (Zinc)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
 Pacific Tank & Pipe Co., Los Angeles, Cal.

1311—Boxes & Cans (Litho Metal)

See also Cans, Tin

AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
 American Stopper Co., 19 Verona, Brooklyn, N. Y.
 Buckeye Stamping Co., Columbus, O.
 Burdick & Son, Albany, N. Y.
 Burrows Metal Mfg. Co., 521 W 23rd, New York
 Clark J. L. Mfg. Co., Rockford, Ill.
 Clarke Can Co., 12th & Fitzwater, Phila., Pa.
 Colonial Can Co., 120 Milk, Boston, Mass.
 Columbia Can Co., Madison, 1st to 2nd, St. Louis, Mo.
 Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
 Conneaut Can Co., Conneaut, O.
 Gotham Can Co., 60 Eagle, Brooklyn, N. Y.
 Heekin Can Co., 6th, New & Culvert, Cincinnati, O.
 Hudson H. L. Co., 56 Pearl, Brooklyn, N. Y.
 Johnson-Morse Can Co., Wheeling, W. Va.
 Le Comte & Co., Wolcott, Brooklyn, N. Y.
 Metal Package Co., 346 Carroll, Brooklyn, N. Y.
 National Can Co., Detroit, Mich.
 New Can Co., 326 A, Boston, Mass.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 Passaic Metal Ware Co., Passaic, N. J.
 Peoria Can Co. (Combination Bread & Cake, Round Sugar Boxes, Flour, etc.), Peoria, Ill.
 Republic Metalware Co., The, Buffalo, N. Y.
 Ritter P. J. Conserve Co., 2219 Frankford, Phila., Pa.
 Southern Can Co. (Cans Only), 717 S Wolfe, Baltimore, Md.
 St. Louis Paper Can & Tube Corp'n., St. Louis, Mo.
 St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.
 Stuber & Kuck Co., Peoria, Ill.
 Threthaway Bros., Parsons, Pa.
 Tin Decorating Co., Boston & Linwood av, Baltimore, Md.
 Towle F. S. Co., 332 B'way, New York
 U. S. Can Co., Norwood, Cincinnati, O.
 Wheeling Can Co., Wheeling, W. Va.

1311a—Bracelet Crochet Yarn Holders (With Toggle Pendant)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1312— Braces (Back)

Lanz M. & Sons Co. (For Telephone Poles), 2907 Carson, Pittsburgh, Pa.

1313— Braces (Cross Arm)

See also Cross Arms, Brackets, etc., Steel
 Aetna Nut Co., Southington, Conn.
 Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Bissell F. Co. ("Security"), Toledo, O.
 Buffalo Steel Co. (Stiff Bessemer Steel), Tonawanda, N. Y.
 Cleveland Galvanizing Works Co., 3924 Cooper av, N E, Cleveland, O.
 Creaghead Engineering Co., 340 Main, Cincinnati, O.
 Galvanized Products Co., Phillipsburg, N. J.
 Grabler Mfg. Co., 6565 B'way, Cleveland, O.

Hallett Iron Works (Angle Iron), Harvey, Ill.
 Horner W. S. & Co. (Steel), Oliver bldg, Pittsburgh, Pa.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Inland Steel Co. (Bessemer Steel), First Nat Bank bldg, Chicago, Ill.
 Joslyn Mfg. & Supply Co., Chamber of Comm. bldg, Chicago, Ill.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Kortick Falls Mfg. Co., 335 1st, San Francisco, Cal.
 Lanz Matthew & Sons Co., 2907 Carson, Pittsburgh, Pa.
 Line Material Co. (Galvanized), So Milwaukee, Wis.
 Meckel Fred L., 11 E 13th, Chicago, Ill.
 New England Bolt & Steel Co., Everett, Mass.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Republic Iron & Steel Co., Youngstown, O.
 Schaper Construction Material Co., 90 West, New York
 Solano Iron Works, Benicia, Cal.
 Valley Forging Co., Verona, Pa.
 Wrought Washer Mfg. Co., 46 So Bay, Milwaukee, Wis.

1314—Braces (Hand or Stair Rail)

Auer John, Jr. (Wrought), 199 Middletown, Brooklyn, N. Y.
 Highton Wm. & Sons Co., Nashua, N. H.

1315— Braces (Partition)

Auer John, Jr. (Wrought), 199 Middleton, Brooklyn, N. Y.

1316— Braces (Rail)

See also Bars, Splice

Adreon Mfg. Co. ("Security"), Security bldg, St. Louis, Mo.
 Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.
 American Frog & Switch Co., Hamilton, O.
 American Guard Rail Fastener Co. (Pressed Steel & Malleable Iron), Real Estate Trust bldg, Phila., Pa.
 Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill.
 Bethlehem Steel Co. ("Acme"), So Bethlehem, Pa.
 Buda Co., Railway Exch bldg, Chicago, Ill.
 Cambria Steel Co., Widener bldg, Phila., Pa.
 Cincinnati Frog & Switch Co., Cincinnati, O.
See adv index at end of book
 Cleveland Frog & Crossing Co., 6917 Bessemer av & Erie R. R., Cleveland, O.
 Conley Frog & Switch Co., Memphis, Tenn.
 Elliott Frog & Switch Co., 301 So Main, East St. Louis, Ill.
 Frog Switch & Mfg. Co. (Pressed Steel), Carlisle, Pa.
 Gulf States Steel Co., Birmingham, Ala.
 Indianapolis Switch & Frog Co., Springfield, O.
 Industrial Supply & Equipment Co. (Girder & Tee Rail), 407 Sansom, Phila., Pa.
 Kilby Frog & Switch Co., Birmingham, Ala.
 Morden Frog & Crossing Works (Die Formed Steel), 208 S La Salle, Chicago, Ill.
 National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
 New Era Mfg. Co. (Tie Plate, Rail Clamps & Rail Brace Combined), Kalamazoo, Mich.
 New York Switch & Crossing Co., Hoboken, N. J.
 Niagara Forged Steel Co. (Combination Tie Plate), Buffalo, N. Y.
 Pettibone, Mulliken & Co. ("Akins" Forged Steel), 140 S Dearborn, Chicago, Ill.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Q. & C. Co. (Mall. Iron & Pressed Steel), 90 West, New York
 Rail Joint Co., 61 B'way, New York
 Ramapo Iron Works, Hillburn, N. Y.
 Republic Iron & Steel Co., Youngstown, O.
 Signal Accessories Co. ("Welday"), Utica, N. Y.
 Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.
UNION SWITCH & SIGNAL CO. THE, Swissvale, Pa.

Weir Frog Co., Beech & Highland, Cincinnati, O.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

1317— Braces (Rudder)

Malleable Iron Fittings Co. ("M. I. F. Co.") Strap & Screw, Branford, Conn.
 Reed Geo. A. & Son, Gloucester, Mass.
 Wilcox, Crittenden & Co. (Galvanized & Brass), Middletown, Conn.

1318— Braces (Screen Door)

Automatic Door Catch Co. ("Little Giant"), Harvey, Ill.
 Champion Hardware Co. ("Champion"), Geneva, Ohio
 Grey Iron Casting Co., Mt. Joy, Pa.
 National Mfg. Co. (Turn-Buckle), Sterling, Ill.
 Snyder F. Edw. ("Anti-Sag"), Massillon, O.
 Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.
 Watrous, Acme Mfg. Co., Des Moines, Ia.

1319—Braces (Show Case Corner)

Rector & Hardware Specialty Mfg. Co. (Wrought Steel, Glass, etc.) 22d & Western av, Chicago, Ill.

1320— Braces (Stove Pipe)

Benjamin-Sellar Mfg. Co. ("Benjamin"), 559 W Quincy, Chicago, Ill.

1321—Braces (Table Leg & Ladder)

Veber-Knapp Co., Jamestown, N. Y.

1322—Braces (Telegraph Pole)

American Shovel & Stamping Co., Lorain, O.
 Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
 Schaper Const. Material Co., 90 West, New York

1323—Braces (Trench or Sewer)

Bond Harold L. Co. ("Safety"), 391 Atlantic av, Boston, Mass.
 Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
 Dixon Chas. E. & Son, 3027 Liberty av, Pittsburgh, Pa.
 Dunn Mfg. Co. ("Dunn," "Alliance"), Preble av, N S, Pittsburgh, Pa.
 Kalamazoo Foundry & Machine Co. (Extensible Trench), Kalamazoo, Mich.
 Rock Products Equipment Corp. (Adjustable), 42 Church, New York
See adv index at end of book

1324— Brackets (Arc Lamp)

Cutter Geo. Co., South Bend, Ind.
 Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Hallett Iron Works ("Hallett"), Harvey, Ill.
 Line Material Co., So Milwaukee, Wis.
 Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
 Morris Elmer P. Iron Works, 136 Liberty, New York
 Morris Iron & Steel Co., Frederick, Md.
 Mott J. L. Iron Works, 118 5th av, New York
 Philadelphia Electrical & Mfg. Co. ("Penco"), 1236 N 31st, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1325— Brackets (Bird Cage)

Fischer Bros. & Corwin, 635 N 3rd, Newark, N. J.
 Morgan Spring Co., Worcester, Mass.

1326—Brackets (Blind Roller)

Grey Iron Casting Co. (For Inside & Outside Blinds), Mt. Joy, Pa.

Brackets (Corner or Screen Door)

See Braces, Screen Door

Brackets, Cross-Arms, Etc.

See Brackets, Trolley Pole; also Cross-Arms, Brackets, Etc.

1327—Brackets (Curtain Pole)

American Pin Co. ("Ampinco"), Waterbury, Conn.
 Bay State Stamping Co. ("Bennett" Adjustable), 380 Chandler, Worcester, Mass.
 Bogert & Hopper (Wooden), 67 Barclay, New York
 Judd H. L. Co., 87 Chambers, New York
 Mott J. L. Iron Works, 118 5th av, New York
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Turner & Seymour Mfg. Co., Torrington, Conn.
 Wire Goods Co., Worcester, Mass.

1328—Brackets (Desk Telephone)

Alliance Specialty Mfg. Co., Lakewood, O.
 American Electric Co. ("Burns," "Radio," "Economy," "E-Z"), 6401 S State, Chicago, Ill.
AMERICAN STEEL & WIRE CO. ("Peerless Fonarm"), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
 Benbow Co., 54 N 6th, Phila., Pa.
 Connecticut Tel. & Electric Co., Meriden, Conn.
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.
 Fox-Borden Mfg. Co. ("Phone-Eze"), P. O. Box 103, Station A, Hartford, Conn.
 Galesburg Writing Machine Co. ("Adjustaphone"), Galesburg, Ill.
 Goodline Mfg. Co., Kent, O.
 Holtzer-Cabot Electric Co. ("Flexiphone"), Brookline, Mass.
 Hunt C. Howard Pen Co. ("Equipoise," "Ad-a-Link"), Camden, N. J.
 K. & B. Co. ("Projector" "As-you-like-it-Phonopose"), 25 N 7th, Phila., Pa.
 Lee Electric Co. ("Davis," "Calvet," Adjustable), 219 N Calvert, Baltimore, Md.
 McLeon-Ward & Co. ("Ward"), 27 Thames, New York
 Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York
 Modern Appliance Co., 117 S Clinton, Chicago, Ill.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O. *See adv index at end of book*
 Novelty Electric Co., 50 N 4th, Phila., Pa.
 Scofield & Co., 150 Nassau, New York
 Seely Office Appliance Co. ("Phone-Eze"), 114 Liberty, New York
 Skelley Bracket Co., 1265 W 2d, Cleveland, O.
 Stanley & Patterson ("Victor" "Imperial"), 23 Murray, New York
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
 Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
 Van Akin S. L. Jr., Liverpool, N. Y.
 Warner Electric Co. (Oxodized Finished), Muncie, Ind.
 Western Electric Co., 463 West, New York.
 Wilhelm Telephone Mfg. Co., Buffalo, N. Y.

1329—Brackets (Electric House)

Brady Electric Mfg. Co., New Britain, Conn.
 Electrical Construction Supply Co. ("Chubbuck"), Springfield, O.
 Hallett Iron Works, Harvey, Ill.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Hubbard & Co. ("Peirce"), 63d & Butler, Pittsburgh, Pa.
 Morris Elmer P. Iron Works, 136 Liberty, New York
 Morris Iron & Steel Co., Frederick, Md.

1330—Brackets (Electric Lamp)

Herwig Art Shade & Lamp Co. (Adjustable), 2140 N Halsted, Chicago, Ill.
See adv index at end of book
 McCroskey Reamer Co. ("Searchlight," "Universal"), Meadville, Pa.
 Reliable Electric Co. ("Reliable Lite Arm"), 411 S Sangamon, Chicago, Ill.

1331— Brackets (Flag Pole)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.

Gray Iron Foundry Co. ("Reading," also 3 & 5 Prong), Reading, Pa.
 Nicol & Co. ("Columbian"), 218 N Jefferson, Chicago, Ill.
 Wilcox, Crittenden & Co. (Stationery & Adjustable), Middletown, Conn.
 Wrightsville Hardware Co., Wrightsville, Pa.

1332—Brackets (Flower Pot)

Gray Iron Casting Co., Mt. Joy, Pa.
 Penn Hardware Co., Reading, Pa.
 Timberlake J. B. & Sons (Gilt Plated Wire), Jackson, Mich.

1333—Brackets (Folding Scaffold)

Berlin Construction Co (Folding Steel Building), Berlin, Conn.
 Elite Mfg. Co. ("Reliable"), Ashland, O.
 Folding Scaffold Bracket Co. ("Detroit"), 60 W Lafayette av, Detroit, Mich.
 Moulton C. W. H. Co., Somerville, Mass.
 Richards-Wilcox Mfg. Co. ("R-W 231" Steel Builders'), Aurora, Ill.
 Steel Scaffolding Co., Evansville, Ind.
 Weber Mfg. Co., West Allis, Wis.

1334—Brackets (Hand & Foot Rail)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Champion Hardware Co. (Hand), Geneva, O.
 Cheney S. & Son, Manlius, N. Y.
 Chicago Hardware Foundry Co., No Chicago, Ill.
 Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
 Dent Hardware Co. (Bar Brackets, for Arm, Foot Rail & Swinging Foot Rail), Fullerton, Pa.
 Glenn Fred E. (Counter Rail), St. Charles, Ill.
 Highton Wm. & Sons Co., Nashua, N. H.
 Ives H. B. Co., New Haven, Conn.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Norwalk Lock Co., S Norwalk, Conn.
 Penn Hardware Co., Reading, Pa.
 Pratt Wm. E. Mfg. Co. (Hand Rail), 35 W Lake, Chicago, Ill.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

1335—Brackets (Lamp, Carriage & Auto)

Halladay L. P. Co. ("Universal"), Streator, Ill.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

1336—Brackets (Lamp, Kitchen & Bunker)

Arcade Mfg. Co., Freeport, Ill.
 Gray Iron Foundry Co. (Cast Iron, Bronze & Gold Finish), Reading, Pa.
 Gray Iron Casting Co. (Cast), Mt. Joy, Pa.
 Halladay L. P. Co. ("Universal") Streator, Ill.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Penn Hardware Co., Reading, Pa.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Timberlake J. B. & Sons ("Jaxon," Wire for Oil Lamps), Jackson, Mich.
 Wrightsville Hardware Co. (Swinging), Wrightsville, Pa.

1337—Brackets (Plumbers', Lavatory, Tank, Etc.)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco"), Waterbury, Ct.
 Barber Mfg. Co. (Cast Iron Only), Ash-tabula, O.
 Barnes Mfg. Co., Mansfield, O.
 Brey & Krause Mfg. Co., Allentown, Pa.
 Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Chattanooga Boiler & Tank Co., Chattanooga, Tenn.

Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
 Glenn Fred E., St. Charles, Ill.
 Griffin Mfg. Co., Erie, Pa.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Lalance & Grosjean Mfg. Co. (Plumbers'), 299 B'way, New York
 McCambridge Co., 20th & Wood, Phila., Pa.
 McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
 Mott J. L. Iron Works, Trenton, N. J.
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Paragon Brass Mfg. Co. ("Paragon" Brass), 1221 Superior, Cleveland, O.
 Park & McKay, 55 Bagley av, Detroit, Mich.
 Tyler Fred A. (Extension Tank Brackets), Albany, N. Y.
 Wolverine Brass Works (Lavatory), Grand Rapids, Mich.

1338—Brackets (Pothead)

Bissell F. Co. ("Security"), Toledo, O.
 Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
 Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.

1339—Brackets (Rafter)

Farley & Loetscher Mfg. Co. (Wood), Dubuque, Ia.
 Loudon Machinery Co., Fairfield, Ia.
 MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
 Ney Mfg. Co., Canton, O.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
 Steel Scaffolding Co., Evansville, Ind.
 Stowell Co., The, So. Milwaukee, Wis.

1340—Brackets (Roof)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Folding Scaffold Bracket Co., 60 W Lafayette av, Detroit, Mich.
 Henderson A. P. ("Henderson" Self-Locking, Adjustable), Assinippi, Mass.
 Marston Rake Co., Lebanon, N. H.
 Moulton C. W. H. Co., Somerville, Mass.
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
 Stanley Rule & Level Co., New Britain, Conn.
 Steel Scaffolding Co., Evansville, Ind.
 Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.

1341—Brackets (Shelf, Etc.)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Atlas Mfg. Co. ("Bradley's"), New Haven, Conn.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
 Cleveland Lock Wks., Cleveland, O.
 Dent Hardware Co., Fullerton, Pa.
 Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.
 Grand Rapids Brass Co., Grand Rapids, Mich.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Griffin Mfg. Co. (Pressed Steel Folding), Erie, Pa.
 McKinney Mfg. Co. (Wrought Steel), Locust, Pittsburgh, Pa.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Piqua Bracket Co. ("Piqua" Adjustable), Piqua, O.
 Reading Hardware Co., Reading, Pa.
 Reflector & Hardware Specialty Mfg. Co. (Polished Brass, etc.), 2235 S Western av, Chicago, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sharon Hardware Mfg. Co., Sharon, Pa.
 STANLEY WORKS (Wrought Steel; Also Folding), New Britain, Conn. *See adv index at end of book*
 Stover Mfg. Co., Freeport, Ill.
 Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
 Wrightsville Hardware Co., Wrightsville, Pa.

Brackets (Shingling)

See Brackets, Roof

1342—Brackets (Sink)

Advance Mfg. Co., Erie, Pa.
 American Foundry & Mfg. Co. (Adjustable) 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco", Brass, Lavatory, Tank, etc), Waterbury, Conn.
 American Scale Co., Kansas City, Mo.
 Berger Specialty Mfg. Co. ("Berger," "Peerless" Steel), Richmond, Va.
 Campbell Mfg. Co. (Extension), Gadsden, Ala.
 Casey-Hedges Co., Chattanooga, Tenn.
 Cassady Fairbank Mfg. Co. (Bath Room), 6126 S La Salle, Chicago, Ill.
 Central Foundry Co. (Sink, also Extension Sink, Adjustable), 90 West, New York
 Columbia Sanitary Mfg. Co., Louisville, Ky.
 Crestline Mfg. Co. (Adjustable), Crestline, O.
 Eagle Specialty Mfg. Co. (Steel), Jamestown, N. Y.
 Glenn Fred E., St. Charles, Ill.
 Gray Iron Foundry Co. (Cast Iron), Reading, Pa.
 Griffin Mfg. Co. (Lavatory, Sink & Flush Tank, etc), Erie, Pa.
 Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
 Hessler H. E. Co. ("Syracuse" Steel), Syracuse, N. Y.
 Kupferle John C. Foundry Co. (Sink, Tank, etc), 1st & Wright, St. Louis, Mo.
 Modern Iron Works (Cast Iron), Quincy, Ill.
 Penn Hardware Co., Reading, Pa.
 Smith-James R. & Co. ("J. R. S." Sure Grip for Expansion & Range Tanks), Mechanicsville, N. Y.
 STANLEY WORKS (Wrought Steel), New Britain, Conn. *See adv index at end of book*
 Swett A. L. Iron Works, Medina, N. Y.
 Union Foundry Co., Anniston, Ala.
 Young Joseph H. Co. ("Boston" Adjustable, Sink & Wash Tray), 82 High, Boston, Mass.

1343—Brackets (Sinks, Adjustable)

See Brackets, Sink

1344—Brackets (Staging)

Steel Scaffolding Co. (Steel), Evansville, Ind.

Brackets (Stair Rail)

See Braces, Hand & Foot Rail

1345—Brackets (Steel Scaffold)

See also Brackets, Folding Scaffold

American Steel Scaffold Co., 250 Sheridan av, Detroit, Mich.
 Buxton Joseph ("Detroit"), 935 Scotten, Detroit, Mich.
 Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

1346—Brackets (Table)

Mott J. L. Iron Works, Trenton, N. J.
 Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.

1347—Brackets (Trolley Pole)

See also Cross Arms; also Insulator Pins & Brackets

American Bridge Co. (Steel), 30 Church, New York
 Anderson Albert & J. M. Mfg. Co., 289 A., Boston, Mass.
 Bissell F. Co. ("Security," Angle Iron), Toledo, O.
 Brady Electric Mfg. Co., New Britain, Conn.
 Central Mfg. Co. (Wood), Chattanooga, Tenn.
 Creaghead Engineering Co. (Flexible), 340 Main, Cincinnati, O.
 Cutter Geo. Co., South Bend, Ind.
 Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
 Electric Railway Equip. Co., 2900 Cormany av, Cincinnati, O.
 Electric Service Supplies Co. ("Key-stone"), 17th & Cambria, Phila., Pa.
 Fletcher Mfg. Co. (Iron), Dayton, O.
 Francis Philip S. (Adjustable), 115 N 6th, Phila., Pa.
 GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Hallett Iron Works ("Hallett" Universal), Harvey, Ill.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Lanz M. & Son Co., 2907 Carson, Pittsburgh, Pa.
 Line Material Co., So Milwaukee, Wis.
 Morris Iron & Steel Co. (Wrought Iron & Steel Tubular), Frederick, Md.
 St. Louis Malleable Casting Co., 7701 N Conduit av., St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

Brackets (Wall)

See Power Transmitting Machinery

1348— Brackets (Wood)

Estes E. B. & Sons (Curtain, Scroll Work, etc.), 358 5th av., New York.
See adv index at end of book
 Farley & Loetscher Mfg. Co., Dubuque, Ia.
 Gravely B. S. & R. P., Martinsville, Va.
 McMillen R. Co., Oshkosh, Wis.
 Morgan Co., Oshkosh, Wis.
 Peirce W. E. & Co., Milford, N. H.
 Riggs Cypress Co., Ltd., Patterson, La.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass. *See adv index at end of book.*
 Zimmerman Chas. E., Syracuse, N. Y.

1349— Brad-Sets

Standard Tool Co. ("Excelsior"), 94 Reade, New York.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

1350—Brake (Angle & Band Iron)

Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.

1350a—*Brake Band Lining

EMPIRE WEAVING & BELTING CORP., ("Tuftex"), East Rochester, N. Y.
See adv index at end of book

1351—*Brake Banding for Automobiles

Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.
See adv index at end of book

1352— Brake Beams

American Steel Foundries, McCormick bldg, Chicago, Ill.
 Bethlehem Steel Co. (Open-Hearth Steel), South Bethlehem, Pa.
 Buffalo Brake Beam Co. ("Vanderbilt"), 30 Pine, New York. Works: Buffalo, N. Y.
 Cambria Steel Co. ("Davis"), Widener bldg, Phila., Pa.
 Chicago Railway Equipment Co. ("Kewanee," "Diamond," "Creco," "Sterlingworth," "National," "Reliance," "Ninety-six," "Drexel" & "Monarch"), 1928 W 46th, Chicago, Ill.
 Damascus Brake Beam Co. ("Waycott," "Damascus," "Anglerod"), London rd & Nickel Plate, Cleveland, O.
 Davis Brake Beam Co., Johnstown, Pa.
 Illinois Steel Co., 208 S La Salle, Chicago, Ill.
 Joliet Railway Supply Co. ("All Steel," "Hunton," "L. N." High Speed), Joliet, Ill.
 Niagara Forged Steel Co., Buffalo, N. Y.
 Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
 Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
 Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

1353— Brake Jaws

Chicago Railway Equipment Co. ("Creco"), 1928 W 46th, Chicago, Ill.
 Cleveland City Forge & Iron Co., Cleveland, O.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Otis Spencer Co., 80 E Jackson blvd, Chicago, Ill.
 Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.

U. S. Metal & Mfg. Co. ("Howard," Wrought Iron), 165 B'way, New York
 Western Railway Equipment Co. ("Western"), Central National Bank bldg, St. Louis, Mo.
 Western Tool & Forge Co., Brackenridge, Pa.

1354—Brake Lining (Asbestos)

American Asbestos Co. ("Testbestos"), Norristown, Pa.
 Asbestos Fibre Spinning Co. ("Fibo"), North Wales, Pa.
 Asbestos & Rubber Works of America ("Ajax," "Motorbestos"), 58th & B'way, New York
 Asbestos & Rubber Works of N. J. ("Longwear"), Camden, N. J.
 Carey Phillip Mfg. Co. ("Enduro"), 330 Wayne av., Lockland, Cincinnati, O.
 Cincinnati Rubber Mfg. Co. ("Arno" Band), Cincinnati, O.
 Coe & Brown, New Haven, Conn.
 Empire Weaving & Belting Corp. ("Tuftex"), East Rochester, N. Y.
See adv index at end of book
 Erbestos Brake Lining Co., 242 N 17th, Phila., Pa.
 Essex Rubber Co., Trenton, N. J.
 General Asbestos & Rubber Co. ("Garco"), Charleston, S. C.
 Horton F. L. Mfg. Co. ("Elektra"), 36 Whittier, Rox., Boston, Mass.
 Johns H. W.-Manville Co. ("J-M Non-Burn"), Madison av & 41st, New York.
 Keasbey & Mattison Co. ("Ambler Autobestos"), Ambler, Pa.
 McIlroy Belting & Hose Co., Hammond, Ind.
 Motor Car Supply Co. ("M. C. S."), 1453 Michigan av., Chicago, Ill.
 National Leather Belting Co. ("Everlast"), 342 E 38th, New York
 Pruden W. E. Hardware Co. ("Atlas," "Wepco"), 864 8th av., New York
 Rossendale-Reddaway Belting & Hose Co. ("Arabian Brand" Camel Hair & Cotton), Newark, N. J.
 Royal Equipment Co. ("Raybestos," "Stability"), Bridgeport, Conn.
 Russell Mfg. Co. ("Rusco"), Middletown, Conn.
 Scandinavia Belting Co., 106 Reade, New York
STANDARD WOVEN FABRIC CO. ("Multibestos"), Walpole, Mass.
 Staybestos Mfg. Co. ("S. M. C."), Germantown, Phila., Pa.
 Thermoid Rubber Co. ("Thermoid," "Merit"), Trenton, N. J.
 United & Globe Rubber Mfg. Co. ("Globe"), Trenton, N. J.
 Woven Steel Hose & Rubber Co. ("Autobestinee"), Trenton, N. J.

1355—Brake Shoe Wheel Truing

Wheel Truing Brake Shoe Co., The Lenox, Detroit, Mich.

1356— Brake Shoes

American Abrasive Metals Co. ("Feralun"), 50 Church, New York
 American Brake Shoe & Foundry Co. (For Steam & Electric Railways, Locomotive Driving, Steel Back, etc.), 30 Church, New York
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
 Barbour Stockwell Co. (Electric Railway), Cambridge, Mass.
 Barnum-Richardson Co., Lime Rock, Conn.
 Brill J. G. Co., 62d & Woodland av., Phila., Pa.
 Cherry Tree Machine Co., Cherry Tree, Pa.
 Chester Steel Castings Co., Chester, Pa.
 Dyer G. H. Co., Cambridge, Mass.
 Enterprise Foundry Co., 2902 19th, San Francisco, Cal.
 Franklin Railway Supply Co., 30 Church, New York
 Fulton Foundry Co., 1209 Marquette av, N E, Cleveland, O.
 Janney & Co., Montgomery, Ala.
 Lancaster Iron Works ("Lancaster" Safety), Lancaster, Pa.
 McCord & Co., 122 S Michigan av, Chicago, Ill.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book

Mowry Car Wheel Works Co., Cincinnati, O.
 Murray Iron Works Co., Burlington, Ia.
 National Fibre & Insulation Co. (Fibre), Yorklyn, Del.
 Otis Spencer Co., 80 E Jackson blvd., Chicago, Ill.
 Parker & Topping Co. ("The Diamond S"), Brainerd, Minn.
 Pittsburgh Brake Shoe Co., Farmers B'k bldg., Pittsburgh, Pa.
 Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
 Railway Materials Co. (Steel Back), Railway Exchange bldg., Chicago, Ill.
 Ramapo Iron Works, Hillburn, N. Y.
 Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Spear & Miller Co. ("Ideal"), 80 E Jackson blvd, Chicago, Ill.
 Swett A. L. Iron Works, Medina, N. Y.
 Taylor Electric Truck Co. ("Taylor"), Troy, N. Y.
 Vulcan Iron Works Co. ("Reilly"), Toledo, O.
 Waterbury Foundry Co., Waterbury, Conn.
 Western Steel Car & Foundry Co. (Grey Iron), Peoples Gas bldg, Chicago, Ill.
 Wheel Truing Brake Shoe Co. (Wheel Grinders), The Lenox, Detroit, Mich.

1357—Brake Shoes (Automobile)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg., Wilmington, Del.
DELAWARE HARD FIBRE CO. (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
 Diamond State Fibre Co. (Fibre), Elsmere, Del.
 Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.

1358— Brakes (Air)

ALLIS-CHALMERS MFG. CO. (Electric), Milwaukee, Wis.
See adv index at end of book
GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book
 National Brake & Electric Co. (Electric), ft Bellevue pl, Milwaukee, Wis.
 New York Air Brake Co., 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

1359—*Brakes (Air, Electric Car)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1360—*Brakes (Air, Electric Locomotive)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1361— Brakes (Automobile)

Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
 Clark Edward S., Boston, Mass.
 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
 Hartford Edward V. (Electric), 141 Morgan, Jersey City, N. J.
 National Brake & Clutch Co., 164 Federal, Boston, Mass.
 Royal Equipment Co. ("Duplex"), Bridgeport, Conn.

Brakes (Car)

See Brakes, Electric Car

1362— Brakes (Coaster)

Aurora Automatic Machinery Co. ("Thor"), 1307 So Michigan av, Chicago, Ill.
 Buffalo Metal Goods Co. ("Atherton"), 196 Winchester av, Buffalo, N. Y.
 Corbin Screw Corporation ("Corbon Duplex"), New Britain, Conn.
 Eclipse Machine Co. ("Morrow," "Eclipse" Bicycle), 18th, Elmira, N. Y.
 Hurck Indian Motor Co., 109 N 12th, St. Louis, Mo.
 Miami Cycle & Mfg. Co. ("Musselman" Automatic for Bicycles & Motor Cycles), Middletown, O.

New Departure Mfg. Co. ("New Departure"), Bristol, Conn.
See adv index at end of book



1363— Brakes (Disc)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

1364— Brakes (Electric Car)

Ackley Brake & Supply Corp., 50 Church, New York
Allis-Chalmers Mfg. Co. ("Christensen"), Milwaukee, Wis.
See adv index at end of book
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, New York.
Long E. G. Co., 50 Church, New York.
McGuire-Cummings Mfg. Co. ("Elastic"), Harris Trust & Savings bldg, Chicago, Ill.
National Brake Co. ("Peacock," "Ackley," Adjustable), Ellicott sq, Buffalo, N. Y.
National Brake & Electric Co. ("National" Air), ft Bellevue pl, Milwaukee, Wis.
National Car Coupler Co. ("Hinson"), Attica, Ind.
New York Air Brake Co., 165 B'way, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Taylor Electric Truck Co., Troy, N. Y.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

1365—*Brakes (Electric Crane)

See also Brakes, Electric Motor
CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1366—*Brakes (Electric Magnetic)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. See adv index at end of book

1367—*Brakes (Electric Motor)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1368—*Brakes (Electro Pneumatic)

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

Brakes (Flax)

See Tow Mill Machinery

1369— Brakes (Locomotive)

American Brake Co., 1932 N B'way, St. Louis, Mo.
New York Air Brake Co. (Also Tender, Driver, Freight & Passenger Car), 165 B'way, New York
WESTINGHOUSE AIR BRAKE CO. (For Passenger & Freight Cars), Pittsburgh, Pa.

1370—*Brakes (Magnetic Friction)

Cutler-Hammer Mfg. Co., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. See adv index at end of book

Brakes (Motor Cycle)

See Brakes, Coaster

1371— Brakes (Rail)

Miller Supply Co. (Friction for Dropping Railroad Cars Under Coal Chutes, etc), Huntington, W. Va.

1372— *Brakes (Solenoid)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

1373— Brakes (Vacuum)

New York Air Brake Co. (& Vacuum Automatic), 165 B'way, New York

1374— Brakes (Wagon)

Akron-Selle Co., Akron, O.
Eberhard Mfg. Co., Cleveland, O.
Ferrell Brake & Mfg. Co., Cassius av, S E, Cleveland, O.
Newton W. H. & Son, Cortland, N. Y.

1375— *Brass Altar Rails

See also Bronze, Architectural
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. See adv index at end of book
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O. See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York; Works: Providence, R. I. See adv index at end of book
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W. Washington, Chicago, Ill. See adv index at end of book
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

1375a—*Brass (Block Cutters)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1376— *Brass (Embossed)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1377— *Brass (Engravers')

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1378—*Brass Fireplace Goods

See also Fireplace Furnishings
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

Brass Founders

See Firms in Machinists & Founders
Marked Thus: §. Also a Selected List under Castings, Brass

Brass Founders' Supplies

See Foundry Facings & Supplies

1379— *Brass (Glass Binding)

American Brass Co., Waterbury, Conn.
For branch offices see adv index at end of book

1380— *Brass (Sign)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1381— *Brass (Spinning)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1382— Brass (White)

Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
Cramp Wm. & Sons Ship & Engine Bldg. Co. ("Parsons"), Beach & Fall, Phila., Pa.
New Era Mfg. Co., Kalamazoo, Mich.

1383—Brass & Bronze (Hoop)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1384—*Brass & Bronze (Spring)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1385—Brass & Bronze (Strip)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1386—Brass & Copper Angles, Channels, Etc.

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Bridgeport Brass Co., Bridgeport, Conn.
Columbus Brass Co., 538 Dublin av, Columbus, O. See adv index at end of book
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York.
Kawneer Mfg. Co., Niles, Mich.
Manhattan Brass Co. (Brass & Bronze), 333 E 26th, New York.
Michigan Copper & Brass Co., Detroit, Mich.
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.

1387—Brasses (Car & Engine)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
Brady Brass Co., 170 14th, Jersey City, N. J.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chicago Journal Bearing Co. (High Grade), 519 W Vanburen, Chicago, Ill.
Continental Car & Equipment Co., 17 Battery pl, New York
DAMASCUS BRONZE CO. ("Damascus" Rolling Mill, Railroads & Electric Railways, etc), Pittsburgh, Pa.
See adv index at end of book
Duluth Brass Works Co., Duluth, Minn.
Edna Brass Mfg. Co. (For Steam or Electric), 525 Reading rd, Cincinnati, O.
Eureka Brass Co. (Lagging Car), 601 Red Bud av, St. Louis, Mo.
Gilb V. & Son, Birmingham, Ala.
Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park bl, St. Louis, Mo.
Great Lakes Brass Foundry, Bay City, Mich.
Gustafson Mfg. Co., Chattanooga, Tenn.
Hodgkins J. F. Co., Gardiner, Me.
Keystone Bronze Co. (High Grade), Pittsburgh, Pa.
Magnus Co., 80 E Jackson blvd, Chicago, Ill.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Brazing Apparatus

See Blow Pipes & Brazing Apparatus

1388— Brazing (Cast Iron)

American Ferrofix Brazing Co., Perry bldg, Phila., Pa.
Boston Brazing Co., 465 Atlantic av, Boston, Mass.
Chattanooga Brazing & Welding Co., Chattanooga, Tenn.
Clark Edred W., Hartford, Conn.
Ferrofix Brazing & Machine Works, Seattle, Wash.
Hauck Mfg. Co., 140 Cedar, New York
Metals Welding Co., 4400 Perkins av, Cleveland, O.
National Cycle & Mfg. Co., Bay City, Mich.
Pacific Welding & Brazing Wks, 503 Van Ness av, San Francisco, Cal.
Pittsburgh Reinforced Brazing & Machine Co., 2515 Liberty, Pittsburgh, Pa.
San Francisco Brazing & Welding Co., 131 Beale, San Francisco, Cal.
Standard Brazing Co., 43 Bromfield, Boston, Mass.
Troy Cast Iron Brazing Co., Troy, N. Y.

1389—Breakers (Casting or Scrap)

Curtis & Co. Mfg. Co. (Compressed Air), 1571 Kienlen av, St. Louis, Mo.
Whiting Foundry Equipment Co., Harvey, Ill.

1390— Breakers (Circuit)

Automatic Re-Closing Circuit Breaker Co., 38 N Water, Columbus, O.
 Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
 Baruch Elec. Contoller Co., 111 Kearny, San Francisco, Cal.
 Bowie Switch Co., Nevada Bank bldg., San Francisco, Cal.
 Condit Electrical Mfg. Co. ("Condit" Carbon Break & Oil Break), 1st & L, Boston, Mass.
 Cutter Electrical & Mfg. Co. ("Dalite," "I. T. E."), 19th & Hamilton, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Hartman Electrical Mfg. Co. (Automatic), Mansfield, O.
 Janette Mfg. Co., 617 W Jackson blvd, Chicago, Ill.
 Kelman Electric & Mfg. Co., Los Angeles, Cal.
 Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
 Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.
 Palmer Electric & Mfg. Co. (Automatic Reverse Phase), 60 K, Boston, Mass.
 Pittsburgh Armature Works, 207 S Main, Pittsburgh, Pa.
 Roller-Smith Co., 233 Broadway, New York
 Sangamo Electric Co., Springfield, Ill.
 Sundh Electric Co. ("Sundh"), 548 W 23d, New York
 Ward Leonard Elec. Co., Mount Vernon, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO. (Alternating & Direct Current), East Pittsburgh, Pa.
See adv index at end of book

1391— Breakers (Ice)

Allman Gas Engine & Machine Co. ("Champion" Power), 461 Canal, New York
 Blakeslee G. S. & Co. ("Little Giant," "Rheinhold" Choppers, Power), 2856 Quinn, Chicago, Ill.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Caldwell H. W. & Sons Co. (Power), 17th & Western av, Chicago, Ill.
 Columbus Handle & Tool Co., Columbus, Ind.
 Dilg Mfg. & Trading Co. ("Champion"), 401 E 163d, New York
 Gifford-Wood Co. (Long Handle), Hudson, N. Y.
 Gruman Ice Tool Works, Branchville, Conn.
HARRISON SAFETY BOILER WORKS ("Cressey" Power), 3147 N 17th, Phila., Pa. *See adv index at end of book*
 Hartig Standard Gas Engine Co., 69 Commercial, Newark, N. J.
LINK-BELT CO. (Power), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
NICHOLS BROS. (Hand), Greenfield, Mass.
 North Bros. Mfg. Co. ("New Rapid"), Lehigh av & American, Phila., Pa.
 Schmidt B. L. Co. ("Little Giant" Hand & Power), Davenport, Ia.
 Schwenker W. M., 342 E 92d, New York
 Stortz John & Son (Hand), 210 Vine, Phila., Pa.
 White Enamel Refrigerator Co. ("The Bohn" Ice Cracker), St. Paul, Minn.

1392—*Breakers (Magnetic Re-Set Circuit)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1393— Breakers (Pig Iron)

Brown Hoisting Machinery Co., 4403 St. Claire, N E, Cleveland, O.
See adv index at end of book

1394— Breakers (Staybolt)

See also Pneumatic Staybolt Breakers
 Williams, White Co. ("Lowe," for Boiler Shops), Moline, Ill.

Breakers (Stone)

See Crushers. Rock & Ore

1395— Breakers (Tailing)

Atlanta Utility Works, East Point, Ga.

1396— Breakers (Vacuum)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

1397-8—*Breakers & Cleaners (Coal)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

1399—Brewers' Aluminum Supplies

Aluminum Goods Mfg. Co., Manitowoc, Wis.

1400-1—Brick (Acid Proof)

See also Stoneware, Chemical
 Big Savage Fire Brick Co., Frostburg, Md.
 Denny-Renton Clay & Coal Co. (For Chemical Works), Seattle, Wash.
 Didier-March Co. (For Chemical Works), Perth Amboy, N. J.
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Hocking Valley Fire Clay Co., Nelsonville, Ohio
 Hood B. Mifflin, Candler bldg, Atlanta, Ga.
 Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
 Ostrander Fire Brick Co., Troy, N. Y.
 Sittig J. W. (Imp), 5 Beekman, New York
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.

1402—*Brick (Annealing Furnace)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

Brick (Ashlar)

See Architectural Faience

1403-4— Brick (Bauxite)

Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.

1405— Brick (Blast Furnace)

Ashland Fire Brick Co., Ashland, Ky.
 Bickford Fire Brick Co., Curwensville, Pa.
 Big Savage Fire Brick Co., Frostburg, Md.
 Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
 Garfield Fire Clay Co., Robinson, Pa.
 Golden Fairview Pressed Brick & Fireclay Co., 1801 14th, Denver, Col.
 Hall & Sons, Buffalo, N. Y.
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Haws A. J. & Sons (Ltd.), Johnstown, Pa.
 Niles Fire Brick Co., Niles, O.
 Pennsylvania Fire-Brick Co., Beech Creek, Pa.
 Portsmouth Refractories Co., Portsmouth, O.
 Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
 Standard Fire Brick Co., Pueblo, Col.
 Stowe-Fuller Co., Rockefeller bldg, Cleveland, O.
 United Fire Brick Co., Uniontown, Pa.
 Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1406—Brick (Boiler Arch & Setting)

American Arch Co. (Locomotive Brick Arches), 30 Church, New York
 American Fire Brick Co., Spokane, Wash.
 Ashland Fire Brick Co., Ashland, Ky.
 Brighton Fire Brick Co., New Brighton, Pa.
 Detrick M. H. Co., 549 W Washington, Chicago, Ill.
 Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.

Garfield Fire Clay Co., Robinson, Pa.
 Golden Fairview Pressed Brick & Fireclay Co., 1801 14th, Denver, Colo.
 Hall & Sons, Buffalo, N. Y.
 Harbison-Walker Refractories Co. (For all Makes of Boilers), Farmers' Bank bldg, Pittsburgh, Pa.
 Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
 McLeod & Henry Co. (Fire Brick, "Steel Mixture"), 360 1st, Troy, N. Y.
 Maurer Henry & Son, 420 E 23d, New York
 Niles Fire Brick Co., Niles, O.
 Presbrey Stove Lining Co., Taunton, Mass.
 Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
 Sayre & Fisher Co., 261 B'way, New York
 Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1407-8-9—*Brick (Brick Kiln)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1410— Brick (Cement)

Harper Brick Co., Harrison, N. J.
 White Marble Lime Co., Manistique, Mich.

1411-12—Brick (Cement Kiln)

American Fire Brick Co., Spokane, Wash.
 Ashland Fire Brick Co., Ashland, Ky.
 Bickford Fire Brick Co., Curwensville, Pa.
 Brighton Fire Brick Co., New Brighton, Pa.
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
 Maurer Henry & Son, 420 E 23d, New York
 Portsmouth Refractories Co., Portsmouth, O.
 Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
 Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1413— Brick (Chrome)

American Refractories Co., 208 So La Salle, Chicago, Ill.
 Federal Refractories Co., Cleveland, O.
 General Refractories Co., 111 B'way, New York
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Haws A. J. & Sons (Ltd.), Johnstown, Pa.
 Mt. Union Refractories Co., Mt. Union, Pa.
 Stowe-Fuller Co., Rockefeller bldg., Cleveland, O.

1414-5—Brick (Coke Oven)

American Fire Brick Co., Spokane, Wash.
 American Refractories Co., 208 So La Salle, Chicago, Ill.
 Ashland Fire Brick Co., Ashland, Ky.
 Brighton Fire Brick Co., New Brighton, Pa.
 Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
 Garfield Fire Clay Co., Robinson, Pa.
 Harbison-Walker Refractories Co. (Beehive, Long or Belgian Type, etc), Farmers' Bank bldg, Pittsburgh, Pa.
 Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
 Niles Fire Brick Co., Niles, O.
 Pennsylvania Fire-Brick Co., Beech Creek, Pa.
 Portsmouth Refractories Co., Portsmouth, O.

1416-9—Brick (Common)

See also Brick, Enameled; Brick, Fire; Brick, Front; Brick, Vitrified Paving; Blocks, Hollow Building; Conduits; Fireproof Hollow Brick & Tile; Plumbers' Sanitary Earthenware; Roofing Tile, Terra Cotta; Sewer Pipe Manufacturers; Terra Cotta, Architectural; Tile, Art, etc.

ALABAMA.

BIRMINGHAM—Graves Shale Paving Brick Co.
 Sibley Brick Co.
 BREWTON—Strong W. H. Brick & Veneer Co.

BRICKYARD—Bickerstaff Brick Co.
 CAMP HILL—Conine W. M.
 CULLMAN—Schmitt Max
 ELBA—Perdue W. B.
 GREENVILLE—Terrell W. C.
 HOLLYWOOD—Alabama Brick & Tile Co.
 HUNTSVILLE—Brandon D. S.
 Huntsville Brick Co.
 LOVICK—Stephenson L. L.
 MOBILE—Cary John & Co.
 MONTGOMERY—Excelsior Brick Co.
 Jenkins Brick Co.
 NEW DECATUR—North Alabama Brick Co.
 SELMA—Selma Brick & Tile Co.
 SYLACAUGA—Alabama High Grade Brick Co.
 WETUMPKA—Jenkins Brick Co.

ARIZONA.

PHOENIX—Alhambra Brick & Tile Co.
 Gordon & Smithline
 PRESCOTT—Fitzsimmons Thos.
 TUCSON—Tucson Pressed Brick Co.

ARKANSAS.

BEEBE—Beebe Brick Mfg. Co.
 FORT SMITH—Burke Brick Co.
 Carbaugh Brick & Tile Works
 HOPE—Hope Brick Works
 LITTLE ROCK—Arkansas Brick & Mfg. Co.
 MARIANNA—Sutton O. C. & Co.
 PARAGOULD—Paragould Brick Co.
 PERLA—Atchison Thos. N.
 PIGGOTT—Freu Brick Co.
 PINE BLUFF—Pine Bluff Brick Co.
 RECTOR—Rector Brick Co.
 TEXARKANA—Stevens A. W.
 Texarkana Brick Co.

CALIFORNIA.

ALAMEDA—Clark N. & Sons
 ARCATA—Tracy P. M.
 BAKERSFIELD—Bakersfield Sandstone Brick Co.
 EXETER—S. P. Brick Co.
 FORTUNA—Thompson J. & Sons
 FRESNO—Craycroft-Herold Brick Co.
 Fresno Brick & Tile Co.
 HANFORD—Brown J. F.
 HERMOSA BEACH—Furlow Pressed Brick Co.
 IONE—Ione Firebrick Co.
 LONG BEACH—Long Beach Brick Co.
 LOS ANGELES—California Ornamental Brick Co.
 Furlow Pressed Brick Co., 3001 San Pedro
 K. & K. Brick Co.
 Los Angeles Brick Co.
 Los Angeles Pressed Brick Co.
 Simons Brick Co.
 Standard Brick Co.
 MERCED—Merced Lumber Co.
 OAKLAND—Remillard Brick Co.
 PASADENA—Simons Brick Co.
 PORT COSTA—Port Costa Brick Works
 REDLANDS—Taylor Bros. Brick Co.
 SAN DIEGO—Heatt F. L. Brick & Tile Co.
 Hubbard Robert M.
 Union Brick Co.
 SAN FRANCISCO—Atlas Paving Brick Co., Hollister & Griffith
 Bay City Brick Co.
 California Brick Co., 110 Jessie
 Carnegie Brick & Pottery Co., Rialto bldg
 Carquinez Brick & Tile Co., 461 Market
 Clark N. & Sons, 116 Natoma
 Great Western Brick Co.
 Patent Brick Co., Merchant Exch bldg
 Port Costa Brick Works, 618 Mission
 Pure Clay Brick & Tile Co., 103 Main
 United Materials Co., 618 Mission
 SAN JOSE—San Jose Brick Co.
 SANTA ANA—Sackman J. W.
 STOCKTON—San Joaquin Brick Co.
 Stockton Fire & Enamel Brick Co.

COLORADO.

CANON CITY—Diamond Fire Brick Co.
 COLORADO SPRINGS—Brewer Ben. Brick Co.
 Schleisinger Bros.
 DENVER—Denver Sewer Pipe & Clay Co.
 Denver Shale Brick Co.
 Excelsior Brick Co.
 Golden Fairview Pressed Brick & Fire-clay Co., 1800 14th
 Robinson Brick Co.
 Silica Brick & Clay Co.

LA JUNTA—La Junta Brick & Tile Co.
 PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

BERLIN—American Brick Co.
 Connley, J. H.
 Donnelly Brick Co.
 Merwin C. P. Brick Co.
 Murray Richard Brick Co.
 EAST WINDSOR HILL—East Windsor Hill Brick Works
 HAMDEN—Shares F. I.
 HARTFORD—Kane Michael Brick Co.
 Mills Eugene D.
 MIDDLETOWN—McDonnell Brick Co.
 Tuttle Brick Co.
 MONTOWESE—Montowese Brick Co.
 O'Neil H. C.
 NEW BRITAIN—Holmes Jno. W.
 Towers Joseph
 NEW HAVEN—Davis Wm. E. & Co.
 Montowese Brick Co.
 Stiles I. L. & Son Brick Co.
 THOMPSONVILLE—Brower & Best
 TORRINGTON—Hotchkiss Bros. Co.
 WILSON—Baker Fred
 Wilson Brick Co.

DELAWARE.

DELMAR—Salisbury Brick Co.
 HOUSTON STATION—Armour C. P. & Co.
 WILMINGTON—Allen Alvan Brick Co., Elsmere
 Delaware Terra Cotta Co., 819 Shipley
 Oberly James B., Delaware Trust bldg
 Wilmington Brick Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Martin & Bro., 1504 S Capitol
 New Washington Brick Co., Wilkins bldg
 Virginia Brick Co., Colorado bldg
 Washington Brick & Terra Cotta Co., 911 H. N W
 West Bros. Brick Co., Nat Savings & Trust bldg

FLORIDA.

CALLAHAN—Mickler O. O. Brick Co.
 CAMPVILLE—Campville Brick Co.
 GREEN COVE SPRINGS—Clay County Steam Brick Works
 JACKSONVILLE—Gamble & Stockton Co.
 Jacksonville Brick Co.
 LAKE HELEN—Bond Sandstone Brick Co.
 OCALA—Ocala Lumber & Supply Co.
 TALLAHASSEE—Ocklocknee Brick Co.
 Tallahassee Pressed Brick Co.

GEORGIA.

ADAIRSVILLE—Georgia Brick Co.
 ALBANY—Flint River Brick Co.
 ATHENS—Southern Brick Co.
 ATLANTA—Bartow Brick Co.
 Chattahoochee Brick Co.
 AUGUSTA—Dunbar B. S.
 Electric City Brick Co.
 Georgia-Carolina Brick Co.
 Georgia Vitrifield Brick & Clay Co.
 Hankinson & Hagler
 McCoy Brick & Tile Co.
 McKenzie Brick Co.
 Merry Bros.
 Rockmart Brick & Slate Co.
 Rutherford & Co.
 Standard Brick Co.
 CALHOUN—Legg Brick Co.
 CHATSWORTH—Chatsworth Brick Co.
 COLUMBUS—Berry Geo. O.
 Howard Homer M.
 Shepherd Bros.
 Small R. B. Co.
 ELBERTON—Elberton Brick Co.
 GAINESVILLE—Hudson M D Jr & Co.
 Pfeffer Mrs. P.
 Wheeler G. R.
 GRIFFIN—Griffin Press Brick Co.
 HAWKINSVILLE—Snowden T. H.
 HAZELHURST—Hall J. F.
 JAKIN—Jakim Brick Co.
 MACON—Bibb Brick Co.
 Cherokee Brick Co.
 Macon Brick Co.
 Ragland Brick Co.
 Standard Brick Co.
 Stevens H. Sons Co.

MILLEDGEVILLE—Milledgeville Brick Works
 Oconee Brick & Tile Co.
 POOLER—Georgia Red Brick Co.
 ROCKY FORD—Ogeechee River Brick Co.
 ROME—Rome Brick Co.
 Trammell & Son
 SAVANNAH—Bourne Brick Mfg. Co.
 Chatham Brick Co.
 THOMASVILLE—Arnold Adam
 TIFTON—Tift Silica Brick & Stone Co.
 TRIMBLE—Trimble Brick Co.
 UNION POINT—Ogeechee Brick Co.
 WASHINGTON—Washington Brick Co.

ILLINOIS.

ABINGDON—Abingdon Paving Brick & Tile Co.
 ALBION—Albion Shale Brick Co.
 Albion Vitrifield Brick Co.
 ALTON—Alton Brick Co.
 ARMSTRONG—Hamer J. W. (Tile Only)
 ASHKUM—Comstock C. H. Co. (Tile Only)
 ASSUMPTION—Consolidated Electric & Mfg. Co.
 AUBURN—Auburn Brick Tile & Cement Co.
 AURORA—Solfsburg C. Sons
 AVON—Avon Milling & Mfg. Co.
 BARTELSON—Sundrup Aug.
 BASCO—Fisher W. O.
 BEAVERVILLE—Beaverville Brick & Tile Co.
 BELLEVILLE—Belleville Brick & Tile Co.
 BENSON—Peterson Simon
 BLANDINSVILLE—Hainline Bros.
 BLOOMINGTON—Bloomington Pressed Brick Co.
 CAMBRIDGE—Hull Jno. L.
 CAMPUS—Mamer Bros.
 CANTON—Heckard M. & Sons
 Roller Geo. B.
 CAPRON—Munson Bros. Co.
 CARBON CLIFF—Argillo Works (See Rock Island)
 CARLINVILLE—Moody John & Son
 CARTERVILLE—Carterville Brick & Tile Co.
 CHAMPAIGN—Sheldon Brick & Building Supply Co.
 Stipes Jno. W.
 CHATSWORTH—Walter Geo. J.
 CHICAGO—Acme Brick Co., 2320 S Crawford av
 Bach Brick Co., 2647 Montrose av
 Bonner & Marshall Brick Co., 133 W Wash.
 Builders Brick Co., 118 N La Salle
 Calumet Brick Co., 111 W Wash.
 Carey Brick Co., 133 W Washington
 Chicago Brick Co., 38 S Dearborn
 Chicago Hydraulic Press Brick Co., 133 W Washington
 Dee Wm. E. Co., 30 N La Salle
 Hanreddy Jos. Brick Co., 127 N Dearborn
 Illinois Brick Co., 111 W Washington
 Kimbell S. S. Brick Co., 133 W Washington
 Lake View Brick Co., 2756 Irving Park
 Lutter Brick Co., 1503 Wellington av
 National Brick Co., 118 N La Salle
 Thomas Moulding Brick Co., 133 W Washington
See adv index at end of book
 Sexton John M. L., 1459 Michigan av
 COAL CITY—Haeger Brick & Tile Co.
 COLCHESTER—King Bros.
 CULLUM—Ortman F. A.
 DALLAS CITY—Muenzenmaier & Smith
 DANVILLE—Danville Brick Co.
 Western Brick Co.
 DECATUR—Ammann & Co.
 Decatur Brick Mfg. Co.
 EARLVILLE—Earlvile Brick & Tile Mfg. Co.
 EAST PEORIA—Carter F. R.
 EDWARDSVILLE—Richards Brick Co.
 ELDORADO—Eldorado Brick Co.
 EQUALITY—McIntyre Wm. & Son
 FARMER CITY—Arbogast S. G.
 FREEPORT—Grant Thos.
 Trunk F. G. (Est. of)

When writing to firms listed
 in this book please mention
HENDRICKS'
COMMERCIAL REGISTER

GALESBURG—Purington Paving Brick Co.
 GRAYVILLE—Wheatcroft W. G. & Sons
 HAMPSHIRE—Backus & Sholes
 HIGHLAND—Miller Louis
 HILLSBORO—Hillsboro Brick & Tile Co.
 JOLIET—Shaw E.
 Shaw Silas Brick Co.
 KANKAKEE—Kankakee Tile & Brick Co. (Drain Tile)
 LITCHFIELD—Keese & Chamberlin Bros.
 LOMBARD—Lombard Brick & Tile Co.
 MACKINAW—Judy & Cook
 MANCHESTER—Heaton J. M. (Tile)
 MANTENO—Manteno Brick & Tile Co.
 MASCOUTAH—National Pressed Brick Co.
 MAZON—Condon James
 METCALF—Jones J. H. & Son
 MINONK—Goodwin Bros.
 MOLINE—Karstens August
 MOMENCE—Tiffany Enamel Brick Co.
 MONMOUTH—Monmouth Brick & Tile Co.
 MONTICELLO—Lodge W. F.
 MORRIS—Buck R. B.
 MOUNT OLIVE—Mount Olive Brick & Tile Co.
 MOWEAQUA—Corrington William E.
 NAPERVILLE—Martin & Van Oven
 NASHVILLE—Nashville Press Brick Co.
 OKAWVILLE—Schlecte Wm.
 OLNEY—Olney Paving Brick & Tile Mfg. Co.
 ONARGA—Barnes W. S.
 OTTAWA—Chicago Retort & Fire Brick Co.
 PANA—Biehl Edward
 PEKIN—Jansen & Zoeller
 PEORIA—Carter F. R.
 Fox William
 Giles Albert E.
 PERU—Unzicker R.
 PETERSBURG—Anderson Chas. (Tile)
 Salvason Bros.
 PITTSFIELD—Huseman Augustus
 PLAINFIELD—Townell Hewson, Sr. & Son (Tile)
 POLO—French Arthur (Tile)
 PRINCETON—Hansen Bros.
 Oberschelp H. G. (Tile)
 Wagner Jacob
 QUINCY—Damhorst Wm. S.
 Gem City Press Brick Co.
 Spilker A. & Sons
 RAMSEY—McKnight H. B.
 RAY—Ray Tile Works
 ROBERTS—Anderson & Jensen
 ROCK ISLAND—Atkinson Oloff
 Paulsen Hans
 Richmond Geo. H.
 SAINT ANNE—St. Anne Brick & Tile Co.
 SCHOOL—Compton Ezra
 SENECA—Steepe W. H.
 SHELBYVILLE—Martz Bros.
 SPRINGFIELD—Dawson Brick & Tile Co.
 Springfield Paving Brick Co.
 STREATOR—Barr Clay Co.
 National Drain Tile Co. (Drain Tile Only)
 Streator Brick Co.
 SULLIVAN—Witts & Witts
 TAYLORVILLE—Anderson Samuel
 TROY—Troy Press Brick Co.
 URBANA—Barr Andrew
 Sheldon Brick & Building Supply Co.
 UTICA—Utica Fire Brick & Clay Co.
 WADSWORTH—Cashmore Jonathan
 Winter Bros.
 WATERLOO—Burkhardt Jacob
 WAVERLY—Waverly Brick & Tile Co.
 WEST BROOKLYN—Beale J. M. & Co.
 WOODSON—Kitner F. H.
 YORKVILLE—Tarbox A. & E.
 ZENOBIA—Molohan Dave

INDIANA.

AKRON—Gast A. A. & Son
 ALBION—Landgraff Frank
 ANDERSON—Indiana Brick Co. (Daily capacity, 150,000)
 ANGOLA—Angola Brick & Tile Co.
 Bachelor Brick & Tile Co. (Also Tile)
 ARCOLA—Felger & Caston (Also Tile)
 ATTICA—Poston Clarence E.
 AURORA—Aurora Brick Works
 BARNARD—Hill John C. (Tile)
 BATESVILLE—Wessel H.
 BEAVER CITY—Bassett & Courtney (Tile Only)
 BEDFORD—Heitger Julius
 BELLMORE—Lee Rus. (Also Tile)
 BERNE—Gottschalk Andrew (Tiles)
 BIPPUS—Bippus Tile Co.
 BLOOMFIELD—Bloomfield Brick Co.
 BOONVILLE—Industrial Brick Works
 Klostermeier Louis

BRAZIL—Brazil Clay Co.
 Chicago Sewer Pipe Co. (see Chicago, Ill.)
 Indiana Paving Brick & Block Co.
 BROOK—Brook Terra Cotta Tile & Brick Co.
 BROWNSBURG—Lingerman Bros (Tile Only)
 BUTLER—Butler Brick & Tile Co.
 CHURUBUSCO—Stockert J. J. (Tile Only)
 CLINTON—Clinton Paving Brick Co.
 COATESVILLE—Ellis E. R.
 COLFAX—Lee M. J. Drain Tile Co. (Drain Tile Only)
 COLUMBUS—Crump F. T.
 CONNERSVILLE—Fries A. & Sons
 CRAWFORDSVILLE—Crawfordsville Shale Brick Co.
 Poston Paving Brick Co.
 Standard Brick Co.
 CURTISVILLE—Curtisville Tile & Brick Co.
 CYNTHIANA—Redman & Co. (Tile Only)
 DECATUR—Krick, Tyndall & Co.
 DELPHI—Clauser W. H. & Sons
 DUNKIRK—Martin Bros. (Also Tile)
 ELKHART—Boss John C.
 EVANSVILLE—Evansville Brick & Tile Co.
 First Avenue Brick & Tile Co.
 Standard Brick Mfg. Co.
 Uhl Pottery Co.
 FARMERSBURG—Farmersburg Brick & Tile Works
 FERDINAND—Helming Wm.
 FORT WAYNE—Fort Wayne Brick Co.
 Moeller's Wm. Sons
 FRANCESVILLE—Francesville Clay Product Co.
 FRANCISCO—Stormont James M. & Bro. (Tile)
 FREELANDVILLE—Hummerich Benjamin (Tile)
 Meyer Chas.
 GREENSBURG—Isgrigg W H & Son
 Littell Geo. S.
 HAUBSTADT—Woehler Geo.
 HEBRON—Kenney R. S. (Tile Only)
 HOBART—Kulage Brick Works
 HOMER—Arbuckle & Son
 HUNTINGBURG—Huntingburg Dry Pressed Brick Co.
 Lukemeyer Wm. H. & Son (Also Tile)
 HUNTINGTON—Holzinger F. F.
 Huntington Brick Co.
 INDIANAPOLIS—Brooklyn Brick Co., Chamber of Commerce
 JASPER—Hochgesand A. M. & Sons
 KINGMAN—Howrey Marion E. (Tile Only)
 KIRKLIN—Kirklin Clay Mfg. Co. (Also Tile)
 KNOX—Lewis Wm. A.
 KOKOMO—Leach J. M. Mfg. Co.
 LAFAYETTE—May Bros.
 LAGRANGE—Lagrange Specialty Co.
 LAWRENCEBURG—Mitchell Brick Co.
 LEBANON—Herdick B. F.
 LOOGOOTEE—Lawhead Brick & Tile Works
 LYNN—Lynn Tile & Brick Works
 MADISON—Madison Brick Co.
 MARION—Marion Brick Works
 MARTINSVILLE—Adams Brick Co.
 Martinsville Brick Co.
 MEDARYVILLE—Howe Geo R.
 MEDORA—Medora Shale Brick Co.
 MIAMI—Needham Bros. (Tile Only)
 MICHIGAN CITY—Ohlemacher Brick Co.
 MILLGROVE—Inman Tile Co. (Tile)
 MONTEZUMA—Marion Brick Works
 MOORESVILLE—Bradley Brick Co.
 MOUNT VERNON—Brinkman H. (Tile, etc.)
 Industrial Brick Co.
 NAPPANEE—Mullett Bros. (Tile Only)
 NEW ALBANY—Goetz Pressed Brick Co.
 Hoosier Brick Co.
 NORTH LIBERTY—Heim Cement Products Co. (Tile Only)
 NORTH VERNON—North Vernon Lumbar Co.
 OAKLAND CITY—Read Chas. H.
 PONETO—Cook J. W. (Tile)
 PORTLAND—North Frazier & Co. (Tile Only)
 PREBLE—Werling Albert (Tile Only)
 PRINCETON—Watt & Mitchell
 RAYS CROSSING—Arbuckle & Son (Tile)
 RED KEY—Red Key Tile Brick & Building Block Co. (Also Tile)
 RIDGEVILLE—Ridgeville Tile & Brick Co. (Also Tile)
 ROACHDALE—Rice James A. & Son
 RUSHVILLE—Bainbridge Wm. M.
 Dawson M. C. (Tile Only)
 RUSSIAVILLE—Cunningham Richard

ST. MEINRAD—St. Meinrad Brick & Tile Co.
 SCOTTSBURG—Wyman D. W. & Son
 TERRE HAUTE—Bennett & Bennett
 O'Mara Bros. Brick Co.
 Terre Haute Pressed Brick Co.
 Terre Haute Vittrified Brick Co. (Building & Sewer)
 WASHINGTON—Kretz Joseph
 WEST LEBANON—Hamar Alex (Tile)
 WINDFALL—Windfall Mfg. Co. (Brick Tile)
 WOLCOTT—Wolcott Brick & Drain Tile Co.
 WOODBURN—Woodburn Tile & Brick Co. (Brick & Tile)

IOWA.

ALGONA—Algona Brick & Tile Works
 ATLANTIC—Atlantic Brick & Tile Co.
 AUBURN—Auburn Brick & Tile Co.
 AUDUBON—Tramp & Tramp
 BARNES CITY—Wilson & Morrow
 BOONE—Boone Brick Tile & Paving Co.
 BRIDGEWATER—Cass C. H.
 BUFFALO—Davenport Brick & Tile Co.
 CEDAR RAPIDS—Cedar Rapids Brick Co.
 Stookey D. W.
 CENTERVILLE—Centerville Brick Co.
 CLAY WORKS—Johnston Bros. Clay Works
 COLUMBUS JUNCTION—Long Clifford
 COUNCIL BLUFFS—Wickham Jas. & O. P.
 CRESCO—Marshall C. A.
 CRESTON—Tramp Bros.
 DAVENPORT—Benedict John Co.
 Black Hawk Brick Co.
 Davenport Brick & Tile Co.
 Hydraulic Press Brick Co.
 DECORAH—Kornmeyer Bros.
 DEEP RIVER—Deep River Brick & Tile Co.
 DES MOINES—Des Moines Brick & Tile Co.
 Enamel Concrete Brick Co.
 Flint Brick Co.
 Goodwin Tile & Brick Co.
 Iowa Pipe & Tile Co.
 Maine James & Sons Co.
 Shackelford Brick Co.
 Star Brick Co.
 DE SOTO—De Soto Brick & Tile Works
 DUBUQUE—Dietrich & Bentin
 Heim Bros.
 DYSART—Dysart Brick & Tile Co.
 ELDON—Trott J. A. & Sons
 ELDORA—Eldora Pipe & Tile Co.
 FAIRFIELD—Raney Bros.
 FONDA—Straight Bros.
 FORT DODGE—Bradshaw & Co.
 Fort Dodge Brick & Tile Co.
 Kalo Brick & Tile Co.
 GLADBROOK—Gethmann Brick Co.
 Gladbrook Pressed Brick & Tile Co.
 Stauffer Geo. M.
 GLENDON—Wells Bros. & Clay
 GOLDFIELD—Conger & Whyte
 GRINNELL—Grinnell Brick & Tile Co.
 HARVEY—Harvey Brick & Tile Co.
 IOWA CITY—Oakes Bros.
 KALO—Kalo Brick & Tile Co.
 KELLOGG—Kellogg Brick & Tile Works
 KEOKUK—Keokuk Brick & Tile Co.
 KIMBALLTON—Jacobson O. H.
 LE MARS—Schafer Louis
 LEHIGH—Campbell James
 Lehigh Clay Products Co.
 LYNNVILLE—Newby C. H.
 MARSHALLTOWN—Sieg John A.
 MASON CITY—American Brick & Tile Co.
 Mason City Brick & Tile Co.
 Mason City Clay Works
 Mason City Sewer Pipe Co.
 North Iowa Brick & Tile Co.
 MEDIAPOLIS—Johnson A. & Sons
 MINBURN—Hill, T. M.
 MONTICELLO—Dautremont Frank
 MUSCATINE—Koetting John
 Maeglin Gustave
 NEVADA—McHose S. M.
 NEWTON—Henning Wm.
 NORTH ENGLISH—Smith E. J. & Sons
 OSCEOLA—Seigle M. C.
 OTTUMWA—Morey Clay Products Co. (Brick & Tile)
 Ostdek H. B.
 POSTVILLE—Postville Clay Products Co.
 REDFIELD—Redfield Brick & Tile Works
 ROCKFORD—Rockford Brick & Tile Co.
 SHEFFIELD—Sheffield Brick & Tile Co.
 SIDNEY—Carter Samuel O.
 SIOUX CITY—Sioux City Brick & Tile Co.
 SOUTH ENGLISH—Good Bros.
 STUART—Piner John

TAMA—Tama Brick & Tile Co.
TOLEDO—Toledo Brick & Tile Co.
VAN METER—Platt Pressed & Fire Brick Co.
WASHINGTON—Long C. W. Shields John & Sons
WEST POINT—Shear B. H.
WHAT CHEER—Nicholson G. G.
WINFIELD—Pierce L. B.

KANSAS.

ATCHISON—Atchison Paving Brick Co. Wolter Bros.
BUFFALO—Buffalo Brick Co.
BUFFVILLE—Kansas Buff Brick & Mfg. Co.
BURLINGTON—Batdorf & Co.
CHANUTE—Chanute Brick & Tile Co.
CHERRYVALE—Cherryvale Brick Co. Federal Betterment Co.
COFFEYVILLE—Coffeyville Shale Products Co.
Coffeyville Vitrified Brick & Tile Co.
Standard Vitrified Brick Co.
FREDONIA—Excelsior Brick Co. Fredonia Brick Co.
HUMBOLDT—Humboldt Brick Mfg. Co.
IOLA—Iola Brick Co. Union Brick Co.
KANSAS CITY—Hydraulic-Press Brick Co.
LAWRENCE—Lawrence Vitrified Brick & Tile Co.
LINDSBORG—Swanson A. J.
MOUND CITY—Mound City Brick & Gas Co.
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
OTTAWA—Ottawa Brick & Tile Co.
PITTSBURGH—Pittsburgh Paving Brick Co.
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co.
Lumberman's Supply Co.
Topeka Vitrified Brick & Tile Co.
WICHITA—Wichita Silix Brick Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co. Gates J. J. & Co. O'Kelly Brick Co.
BARBOURVILLE—Barbourville Brick & Tile Co.
BOWLING GREEN—Phillips Aaron
CENTRAL CITY—Central City Brick Mfg. Co.
CLINTON—Harpole John A.
COVINGTON—Busse Brick Co. Meier A. & Co. Winston Thos. H.
DANVILLE—Dillehay Brick Co.
FULTON—Bransford G. H. & Son
GLASGOW—Dickinson Brick & Tile Co.
HALDEMAN—Kentucky Fire Brick Co.
HARTFORD—Bean Bros.
HAZEL—Hazel Brick & Tile Co.
HENDERSON—Kleymeyer-Klute Brick & Tile Works
HOPKINSVILLE—Dalton Bros. Brick Co.
LEBANON—Goodin R. G.
LEWISPORT—Greathouse David B.
LEXINGTON—Lexington Brick Co.
LOUISVILLE—East End Brick Co. Louisville Brick Co. Southern Brick & Tile Co. West Va. Clay Products Co.
MACEO—Robinson W. F.
MADISONVILLE—Hall W. L. Providence Brick Co. Stewart G. A.
MAYSVILLE—Maysville Brick Co. Sphar Brick Co.
MORGANFIELD—Alborn & Waller
MOSELEYVILLE—Clark Mfg. Co.
MURRAY—Slaughter G. W. & A. J.
NEW HAVEN—Nelson Brick & Tile Co.
NEWPORT—Newport Pressed Brick & Stone Co.
NICHOLASVILLE—Schneider A. H.
PADUCAH—Hill & Karnes Brick Co. Katterjohn Brick Co. Paducah Brick & Tile Co.
STURGIS—Long E. H.

LOUISIANA.

ABBEVILLE—Godchaux Brick Co., Ltd.
ALEXANDRIA—Adams C. N.
BATON ROUGE—Baton Rouge Brickyard
BREAUX BRIDGE—Breaux Bridge Brick & Milling Co., Ltd.
BUNKIE—Bunkie Brick Works, Ltd.
COLFAX—Lecroix Wm.

COVINGTON—Alexius Bros. Co.
DONALDSONVILLE—Cire Bros.
EVERGREEN—Flournoy David
FRANKLIN—Bodin Eugene Milholland Geo.
HAMMOND—Hammond Brick Co., Ltd. Kent Amos Lumber & Brick Co.
HOUMA—Houma Brick Mfg. Co.
KENTWOOD—Kent Amos Lumber & Brick Co.
LABADIEVILLE—Achee Elphez
LAFAYETTE—Roy J. A.
LAKE CHARLES—Buck H. E. Brick Mfg. Co.
Delatte & Lagrange
MANSFIELD—De Soto Brick Co., Ltd.
MARKSVILLE—Neck Bros. Co., Ltd.
MONROE—Monroe Brick & Builders Supply Co.
NATCHITOCHES—Hughes & Aaron
NEW ORLEANS—Salmen Brick & Lumber Co., Ltd., Whit bldg
PEARL RIVER—Schneider Bros. (Firm Name)
PLAQUEMINE—Plaquemine Brickyard
RUSTON—Randolph J. R.
SHREVEPORT—Oliff-McCormick Brick Co., Ltd.
Shreveport Brick & Tile Co.
SLIDELL—Salmen Brick & Lumber Co., Ltd.
WINNFIELD—Winnfield Brick Co.

MAINE.

BANGOR—Bangor Brick & Construction Co.
BREWER—Brooks Brick Co. McDonald John
BRUNSWICK—Hacker C. E.
DANVILLE—Oliver Jos. B.
EAST DOVER—Crockett F. A.
ELIOT—Clark Samuel (Est. of) King Joseph Raitt Chas. Rowe Alvin L. Tandreault Joseph
LEWISTON—Pettingill Geo. S.
LISBON FALLS—Desjardins Louis
MECHANIC FALLS—Mechanic Falls Brick Co.
ORLAND—Gross Fred B. & Son Hutchins A. W. & A. B. Leach Wendall G.
PENOBSCOT—Leach Ellery F. Leach Otis
PORTLAND—Hamblet Brick Co. Hamblet Brick Co. Lucas William
SACO—Saco Brick Co.
SKOWHEGAN—Purinton Horace Co.
WATERVILLE—Procter & Bowie Co. Purinton H. Co.
WEST FARMINGTON—Galbert Thos.
YORK VILLAGE—York Harbor Brick Co.

MARYLAND.

BALTIMORE—Baltimore Brick Co., Maryland Trust bldg Burns & Russell Co., American bldg Champion Brick Co., 206 Courtland Excelsior Brick Co., Benson av, nr Caton
Independent Brick Co., Md. Trust bldg
BERLIN—Berlin Brick Co.
CRISFIELD—Collins Geo. M.
CUMBERLAND—Queen City Brick & Tile Co.
FREDERICK—Frederick Brick Works Maryland Brick & Supply Co.
FROSTBURG—Savage Mountain Firebrick Co.
HAGERSTOWN—Henson Brick Supply Co.
HANCOCK—Hancock Shale Brick Co.
NORTH EAST—Green Hill Fire Brick Co. United Firebrick Co. (Fire Clay Products)
PRINCESS ANNE—Collins Frank
ROBERTS—Smith R. J.
ST. MICHAELS—Hope Clifton
SALISBURY—Peninsular Brick Co. Salisbury Brick Co.
WESTPORT—Westport Paving Brick Co.
WILLIAMSPORT—Conocheague Brick & Earthenware Co.

MASSACHUSETTS.

BELMONT—New England Brick Co.
BOSTON—Boston Brick Co. New England Brick Co., 18 Post Office Square
Parry Brick Co., 166 Devonshire
Spiers Brick Co., 79 Milk
BRIDGEWATER—Bassett Josiah G. Bridgewater Brick Co.

Cook Ernest L.
CAMBRIDGE—New England Brick Co.
CHELSEA—Boston Brick Co.
DANVERS—Gallivan P. H.
EASTHAMPTON—Coyle Bartley & Son
FITCHBURG—Fitchburg Brick Co.
GREENFIELD—Dyer C. C.
HOLYOKE—Holyoke Brick Co. Lynch Bros. Brick Co. Prew Jno. J.
IPSWICH—Brown Walter G.
LENOX—Mahanna William
LEOMINSTER—Osborne William L.
LYNN—Blakely Geo. C. & Son Graham F. J.
MEDFORD—New England Brick Co.
MONTAGUE CITY—Burnham A. C. & F. G.
NORTHAMPTON—Bailey W. A.
OTTER RIVER—Otter River Brick Co.
SPRINGFIELD—Springfield Brick Co.
SOUTH AMHERST—Atwater & Dow
TAUNTON—Stiles & Hart Brick Co.
WEST BARNSTABLE—West Barnstable Brick Co.
WILLIMANSETT—Phillips E. K.
WORCESTER—Boucher Jos., 180 Plantation

MICHIGAN.

ALLEGAN—Allegan Brick Co.
ANN ARBOR—Britton Pressed Brick Co.
ASHLEY—Stevenson David & Sons
AZALIA—Meyers Bros.
CALUMET—Lake Superior Stone Brick Co.
CASS CITY—Hall Charles
CLIO—Oliff Thos.
DEERFIELD—Atkin Wm. T. Jr.
DETROIT—Ajax Brick Co., Western av & M. C. R. R. Clippert Geo. H. & Bros. Brick Co., 161 Virginia pk Daniel Jacob Brick Co., 291 Clippert av Fairview Brick Co., 80 Griswold Lohyo-Harsha Brick Co., Larkin rd, nr Michigan McDonald J. C. & Son, Hammond bldg Mercier Bryan-Larkins Brick Co., Lonyo & M. C. R. R. Michigan Pressed Brick Co., 480 Lawton Puritan Brick & Tile Co., Farewell bldg Schneider Bros. Brick Co., 546 Dix av Walker & Frank Brick Co., Dix & Lonyo rd Wolf F. H. Brick Co., 1467 Central av
FLINT—Flint Sandstone Brick Co.
GRAND RAPIDS—Battjes Fuel & Building Material Co. Grand Rapids Brick Co. Grand Rapids Consol. Brick & Tiling Co.
HANCOCK—Lake Superior Stone Brick Co.
HOLTON—Holton Brick Co.
IONIA—Vander Heyden Fred H.
ITHACA—Peet C. D.
LANSING—Clippert Spaulding & Co.
MAYBEE—Linenfelter Brick & Tile Co.
MIDLAND—Midland Tile Wks.
MORENCI—Lee L. V.
MOUNT CLEMENS—Mount Clemens Brick & Tile Co.
OGDEN CENTER—Wilt C. H.
OTTER LAKE—Otter Lake Brick & Tile Co.
OXFORD—Michigan Pressed Brick Co.
PAINES—Day J.
PETOSKEY—De Arment Carl
SAGINAW—Saginaw Paving Brick Co.
ST. CLAIR—Belknap & Phillips
ST. JOHNS—Pulfeys C. F.
SARANAC—Brown Albert
SEBEWAING—Reinbold Ernst
TRAVERSE CITY—Traverse City Brick Co. Markham J. W.
VULCAN—Vulcan Brick Works
WARREN—Hartsig Jacob
ZEELAND—Zeeland Brick Co.

MINNESOTA.

AKELY—Moore Bros.
AUSTIN—Minnesota Farmers' Brick & Tile Co.
BLAKELEY—Kahn Sam
BRICKTON—Morton R. P. Princeton Brick Co.
CHASKA—Chaska Brick & Tile Co. Klein C. H. Brick Co.
CROOKSTON—Crookston Brick & Tile Co.
DULUTH—Enterprise Brick Co.
FERTILE—Fertile Brick & Tile Co.
HUTCHINSON—Madsen M. C.

JACKSON—Jackson Tile & Brick Co.
 MANKATO—Fowler & Pay
 Panenberg F. G. & Co.
 Stewart W. E.
 MINNEAPOLIS—Anderson M. Brick Co.
 Belt Line Brick Co., Andrus bldg
 Jagger Brick Co.
 Johnson Frank A., 5008 N Lyndale av
 Minneapolis Brick & Supply Co., Plym
 bldg
 Minneapolis Paving & Cement Brick
 Co.
 Wisconsin Red Pressed Brick Co.,
 Lumber Exchange
 NEW ULM—Aufderheide Fred.
 PERHAM—Haut Gustave
 PRESTON—Passe F. J.
 ST. PAUL—Chaska Brick & Tile Co.
 Twin City Brick Co., Capital Bank
 bldg
 SHAKOPEE—Schroeder Brick & Lime Co.
 SPRINGFIELD—Ochs A. C. Brick & Tile
 Co.
 WARREN—Lundgren Edward
 WINONA—Biesanz Philip
 Voelker & Groff
 WRENTHALL—Enterprise Brick Co.
 Habbegger Fred.
 Wrenshall Brick Co.

MISSISSIPPI.

BALDWIN—Baldwin Brick & Tile Co.
 BOONEVILLE—Booneville Brick & Tile
 Co.
 BROOKHAVEN—Brookhaven Pressed
 Brick & Mfg. Co.
 CANTON—Smith G. J., Commercial Co.
 COLUMBUS—Columbus Brick Co.
 GREENWOOD—Success Brick & Tile Co.
 HATTIESBURG—Riverside Brick & Mfg.
 Co.
 HOLLY SPRINGS—Holly Springs Stone-
 ware & Fire Brick Co.
 JACKSON—Bullard Brick Co.
 Taylor W. B.
 LOUISVILLE—Storer A. M.
 NEW ALBANY—Reeves Frank
 VICKSBURG—Beck Jno. W.
 YAZOO CITY—Montgomery Land Co.

MISSOURI.

BOONVILLE—Boonville Brick Co.
 BRAYMER—McCubbin Wm. M.
 BRUNSWICK—Brunswick Brick & Tile
 Co.
 CHILLICOTHE—Shale Brick & Tile Co.
 FULTON—Fulton Fire Brick Co.
 GLASGOW—Burdie Bros.
 HIGGINSVILLE—Canterbury Frank P.
 INDEPENDENCE—Independence Shale
 Brick Plant
 JACKSON—Kasten & Schmuke Pressed
 Brick Co.
 JEFFERSON CITY—Dawson B. C.
 KANSAS CITY—Flanagan-Zeller Brick &
 Mfg. Co.
 Lyle Rock Co., Grand av & Temple
 Pittsburg Paving Brick Co, Dwight
 bldg
 LEXINGTON—Lexington Triumph Press
 Brick Co.
 MOBERLY—Moberly Paving Brick Co.
 NEVADA—Daly J. A.
 PERRYVILLE—Popp John C.
 ROCKPORT—West Joseph
 ST. CHARLES—St. Charles Brick Co.
 ST. JOSEPH—St. Joseph Pressed Brick
 Co.
 ST. LOUIS—Alton Brick Co., Chemical
 bldg
 American Press Brick Co., 6500 Eas-
 ton av
 College Hill Pressed Brick Co.
 Continental Brick Co., Wright bldg
 Enterprise Brick Works Co., 915 Olive
 Excelsior Press Brick Co., 1010 Chest-
 nut
 Hydraulic-Press Brick Co.
 Illinois Supply & Construction Co.,
 Century bldg
 Ittner Anthony Brick Co., 3412 Market
 Maes Jacob, Hoffmeister av E of Mo.
 Pac. Tracks
 Missouri Press Brick & Improvement
 Co.
 National Pressed Brick Co., 407 N 8th
 Progress Press Brick & Machine Co.,
 King's Highway nr Arsenal
 Superior Press Brick Co., 3190 S
 Kingshighway
 SHACKLEFORD—Krumstek Henry
 WASHINGTON—Stumpe F. W.
 WINFIELD—Magruder Benjamin E.
 (Tile)

MONTANA.

ANACONDA—Anaconda Copper Mining
 Co.
 LIVINGSTON—Davis & Kermode
 MISSOULA—Hollenbeck A. C.
 Missoula Brick & Tile Co.

NEBRASKA.

ARLINGTON—Brinkman Fred.
 AUBURN—Horrum W. H.
 AURORA—Klose C. & Co.
 BEATRICE—Beatrice Brick Wks.
 BEEMER—Raasch J. C.
 COLUMBUS—Nichols Julius S.
 FREMONT—Rightbower Frank
 FUNK—Garrahrant Bros.
 GENEVA—Koehler A. Co.
 HASTINGS—Polenske, Schellak & Co.
 Pollenske Bros. & Co.
 Western Brick & Supply Co.
 HOOPER—Builders' Brick Mfg. Co.
 HUMPHREY—Baumgart Fred.
 KEARNEY—Hibberd Brick Co.
 LINCOLN—Yankee Hill Brick Mfg. Co.
 MCCOOK—McCook Brick Co.
 NELIGH—Brenton T. H.
 Neligh Brick & Mfg. Co.
 OMAHA—Corner Brick Co.
 Gould F. P. & Son, City Natl. Bk.
 bldg
 Hydraulic Press Brick Co.
 Omaha Brick & Tile Co.
 Omaha Clay Works
 Smith Brick Co.
 ORD—Gruber E. Wm.
 ROSELAND—Trausch Bros.
 SCOTTS BLUFF—Dooley C. E.
 SOUTH OMAHA—Kritenbrink J. H.
 STANTON—Strahle Carl
 STROMSBURG—Stromsburg Brick Co.
 WAYNE—Lewis Jno. S. Jr.
 Sherbahn J.
 WISNER—Benzien Herman
 YORK—York Brick & Tile Co.

NEVADA.

RENO—Reno Press Brick Co.

NEW HAMPSHIRE.

CONCORD—Holt Samuel (Estate of)
 DOVER—Gage Elbridge G.
 Lucas I. L.
 EPPING—Goodrich W. S.
 Manchester Real Estate & Mfg. Co.
 Proulx Joseph B.
 GONIC—Blakely Geo. C. & Son
 Boston Brick Co.
 Lanoix Alphonse
 LANCASTER—Lancaster Brick Co.
 LEBANON—Densmore Brick Co.
 MANCHESTER—Manchester Real Estate
 & Mfg. Co.

NEW JERSEY.

ASBURY PARK—Drummond Bros.
 ATLANTIC CITY—McAnney John Alvin
 Somers Brick Co.
 Turner John F.
 BAKERSVILLE—Somers Brick Co.
 BRIDGETON—Bridgeton Brick Co.
 Penbryn Brick Co.
 BROWN MILLS—Pittman Chas H.
 CAMDEN—Hatch Hugh
 Reeve Augustus
 CLIFFWOOD—Cliffwood Brick Co.
 Lenox Brick Co.
 Oschwald Brick Works
 DUNELLEN—Rajotte, Albert
 EGG HARBOR CITY—Einsiedel Julius
 Egg Harbor Brick Mfg. Co.
 FARMINGDALE—Lippincott, Edwin
 FLEMINGTON—Pedrick Geo. C.
 HACKENSACK—Gardner M. B. & L. B.
 Hackensack Brick Co.
 Mehrhof, Philip
 HARRISON—Harper David
 HIGHTSTOWN—Reed R. H. & Bro.
 HOMESTEAD—Homestead Brick Yards
 KEASBEY—Didier-March Co.
 LITTLE FALLS—Singack Brick Co.
 LITTLE FERRY—Mehrfhof Brick Co.
 Treviranus & Gardner
 MAPLE SHADE—Reeve Augustus
 Sauselein Theo.
 MATAWAN—Close Wm. A. Trading & Mfg.
 Co.
 New Jersey Co.
 MAURER—Maurer Henry & Son
 MAYS LANDING—Atlantic Brick Mfg. Co.
 MILLTOWN—Phila. & Boston Face Brick
 Co.

MORRISTOWN—Hanover Brick Co.
 MOUNT HOLLY—Dubell Furman
 MOUNTAINVIEW—Enterprise Brick Co.
 NEWARK—Sayre & Fisher Co., ft. of
 Centre
 NEW BRUNSWICK—New Jersey Clay
 Products Co.
 Pettit & Co.
 NEWTON—Losee F. E.
 NORTHFIELD—Somers Brick Co.
 OLD BRIDGE—Old Bridge Enameled
 Brick & Tile Co.
 RED BANK—Crescent Brick Co.
 SAYREVILLE—Furnam Edward
 Sayre & Fisher Co. (Hard Building)
 SOUTH RIVER—Bisset Brick Co.
 Pettit & Cook Co.
 South River Brick Co.
 TRENTON—Applegate Joseph H.
 Donahoe & Nolan
 WHIPPANY—Hanover Brick Co.
 WINSLOW—Hydraulic Press Brick Co.
 Office, Phila., Pa.

NEW YORK.

ALBANY—Hunter Alfred & Son
 Smith Edw. J.
 ARLINGTON—Flagler & Allen
 Pennock Meda H.
 ATHENS—Rider Wm. W.
 BINGHAMTON—Atlas Coal & Supply Co.
 BROCKWAY—Brockway Brick Co.
 BUFFALO—Berricks Chas. Sons Co., 1151
 Main
 Brush Bros., Bailey av nr Erie R R
 Ellicott Brick Co., 918 Ellicott sq
 Jewettville Brick Co., Builders' Ex-
 change
 Lancaster Brick & Tile Co., Builders'
 Exchange
 Lyth A. & Sons Co., 48 W Eagle
 Lyth Tile Co., Ellicott sq
 Queen City Brick Co., Builders' Ex-
 change
 Schmidt Geo. W., 180 Linwood av
 Schuesler Edw. A. (Estate of), 254
 Weiss
 CANANDAIGUA—Hollis A. M. & Co.
 (Tile)
 CATSKILL—Golden P. & Son
 Washburn G. W. & Son, Brick Yard
 CHELSEA—Watrous F.
 COEYMANS—Sutton & Suderly Brick Co.
 Ziegler & Ziegler
 COHOES—Aetna Brick Co.
 CORNING—Brick Terra Cotta & Tile Co.
 CRESCENT—Newton A. C.
 DUNKIRK—Dunkirk Brick & Tile Co.
 DUTCHESS JUNCTION—Aldridge A. E.
 Brockway Bros. Co.
 Hammond & Freeman
 Nicholson Bros.
 Ramsdell Homer (Estate of)
 EAST KINGSTON—Brigham Bros.
 Dinan Thos. (Estate of)
 Hendricks Brick Co.
 Lynch Bros. & Co.
 Staples Brick Co.
 Washburn U. F. & J. T.
 ELMIRA—Consolidated Brick Co.
 FISHKILL LANDING—Belisle Joseph
 GARDENVILLE—Bender Henry
 GLASCO—Alpha Brick & Holding Co.
 Empire Brick & Supply Co.
 Washburn Bros. Co.
 GLEN HEAD—Post Jotham
 GRASSY POINT—Brophy Bros.
 Morrissey & Co.
 Washburn U. F. & Co.
 Washburn & Fowler
 GREEN BRIDGE—(See New York City
 Borough of Richmond)
 GREENPORT—Sage Brick Mfg. Co.
 HAVERSTRAW—Allison B. J. & Co.
 Allison & Wood
 Archer, George
 De Noyelles Brick Co.
 Excelsior Brick Co.
 Fowler D. Jr. & Co.
 Fowler Everett
 Garner Brick Works
 Lynch Brick Co.
 Lynch & O'Brien
 Malley Mary
 Peck Brick Co.
 Renn & Morrison
 Shankey Thos. & Son
 Snedeker Bros.
 Tanney Brick Co.
 Washburn U. F. & Co.
 Washburn & Fowler
 Wood & Allison
 HORSEHEADS—Consolidated Brick Co.
 HUDSON—Arkison Bros.
 Atlas Building Material Co.

JAMESTOWN—Jamestown Shale Paving Brick Co.
 JEWETTville—Ellicott Brick Co.
 Jewettville Brick Co. (See Buffalo)
 KINGSTON—Frederick Brick Co.
 Goldrick Philip
 Hanrahan Brick & Ice Co.
 Hutton Co.
 Schiede Christian
 Staples Brick Co.
 Terry Bros. Co.
 LANCASTER—Buffalo Sandstone Brick Co.
 Lancaster Brick & Tile Co.
 McCutcheon C. H.
 MECHANICVILLE—Cary Brick Co.
 Champlain Brick Co.
 New England Brick Co.
 MIDDLE GRANVILLE—Pepper J. H.
 NEWBURGH—Atlas Building Material Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—Chestnut Ridge White Brick Co. (Eight Colors), 7 W 45th
 Hydraulic Press Brick Co., 381 4th av
 Maurer Henry & Son, 420 E 23d.
 New Jersey Co., 17 Battery pl
 New Jersey Brick Co., 841 B'way
 Plummer D. S., 104 W 90th
 Richmond Brick Co., 50 Church
 Sayre & Fisher Co. (Hard Building), 261 B'way
 Willard C. T. Co., 110 E 23d

Borough of Richmond.

GREEN RIDGE—Dunn & Dolan, Arthur Kill rd
 (End of New York City)

NIAGARA FALLS—Frontier Brick Works
 NORTH TONAWANDA—Central Clay Products Co.
 OLEAN—Alleghany Valley Brick Co.
 Olean Pressed Brick Co.
 Sterling Brick Co.
 ROCHESTER—Rochester Brick & Tile Mfg. Co.
 Rochester Composite Brick Co.
 Rochester German Brick & Tile Co.
 RONDOUT—(See Kingston)
 ROME—Parry & Jones Co.
 SCHADACK LANDING—Brousseau, H. P.
 SOUTHDOLD—Sanford C. L.
 SYRACUSE—Merrick Chas. H.
 Onondaga Vitrified Brick Co.
 Pack Geo. W. & Son
 Syracuse Unit Brick Co.
 TROY—Cary Brick Co.
 Glass Robert & Co.
 Painton Brick Co.
 Troy Brick Co., Northern tpk
 UTICA—Utica Brick Works
 Weaver's Geo. F. Sons Co.
 VERPLANK—Mackey M. E.
 O'Brien Philip
 WATERVLIET—Retallick, H. E.

NORTH CAROLINA.

ARBA—Jones Geo. W.
 ASHEVILLE—Shehan Geo. C.
 BELEW CREEK—Zimmerman Bros.
 BURGAW—Burgaw Brick Works
 CARTHAGE—Kivett W. M.
 CHARLOTTE—Charlotte Brick Co.
 Queen City Brick Co.
 Riverside Brick Co.
 CHINQUAPIN—Lanier Dennis
 CLARK—Clark Brick & Tile Co.
 DURHAM—Cheek & Belvin
 Clegg R. H.
 Hutchins J. W.
 ELIZABETH CITY—Elizabeth City Brick Co.
 FAYETTEVILLE—Poe E. A. Brick Co.
 GASTONIA—Henry T. A.
 GOLDSBORO—Grant H. L. & Son
 GRAHAM—Parks & Jeffreys
 GREENSBORO—Cunningham Brick Co.
 Jennings W. G. & Son
 Watson A. W. Brick Co.
 GREENVILLE—Dail W. H., Jr.
 HAW RIVER—Trolinger & Montgomery
 HIGH POINT—High Point Brick Co.
 KINGSTON—Carolina Brick Co.
 POLKTON—Polkton Brick Co.
 SALISBURY—Salisbury Brick & Tile Co.
 SCOTLAND NECK—Madry J. W.
 SELMA—Ward N. E.
 STATESVILLE—Morrison W. E.
 WALNUT COVE—Hedgecock Brick Co.

WELDON—Chocayotte Brick Co.
 Weldon Brick & Land Improvement Co.
 WILMINGTON—Moore's Roger Sons & Co.
 WINSTON SALEM—Hedgecock R. W.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Press Brick Co.
 GRAND FORKS—Red River Valley Brick Corporation
 HEBRON—Hebron Fire & Pressed Brick Co.

OHIO.

ADA—Ada Clay Co. (Tile Only)
 Hilty J. H. & Son (Tile Only)
 ADDYSTON—Cincinnati Brick Co.
 AKRON—Akron Brick & Tile Co. (Shale)
 Camp L. W. Co.
 Cooper Brick Co.
 Crouse Clay Products Co.
 Granite Clay Co.
 McCausland Bros.
 Robinson Clay Product Co.
 Windsor Brick Co. (& Tile)
 ALGER—Alger Clay Mfg. Co.
 ALLIANCE—Alliance Brick Co.
 Alliance Clay Product Co.
 ANNA—Fleckenstein Geo. J. (Tile Only)
 ANTWERP—Harrman & Son (Brick & Tile)
 ARCADIA—Stall Bros. (Tile Only)
 ARCHBOLD—Archbold Brick & Tile Co.
 Bourquin Bros. (Brick & Tile)
 ATHENS—Athens Brick Co.
 ATLANTA—Atlanta Tile & Brick Co.
 ATTICA—Keller G. M. & Son (Brick & Tile)
 Milliron Bros. (Tile)
 AVERY—Park & Tucker (Tile Only)
 BALTIMORE—Neff J. M. (Tile Only)
 BASCOM—Miller J. A.
 BATAVIA—Clermont Brick Co.
 BEAVER—Beaver Tile & Brick Co. (Brick & Tile)
 BELLAIRE—Standard Stone & Brick Co.
 BELLE CENTER—Royer Chas.
 BELLEVUE—Gerhardstein Bros. (Brick & Tile)
 BLACKLICK—Columbus Clay Mfg. Co.
 BLOOMDALE—Bloomdale Tile & Brick Co. (Brick & Tile)
 BLUFFTON—Diller Tile Co.
 BRECON—Heidecker Brick Co.
 BROADWAY—Thackery J. H. & Son
 BROUGHTON—Baughman & Son (Tile)
 BRYAN—Bryan Brick Co.
 Neff Benj. F. & Sons (Tile)
 BUCYRUS—Breisinger Chas. & Son
 Witter Jno. (Tile)
 BURKETTSVILLE—Jones Aaron (Tile)
 BUTLER—Wheatcraft U. & Son
 CAMP CHASE—Postle W. S. (Tile)
 CANTON—Belden Brick Co.
 Big Four Clay Co.
 Canton Pressed Brick Co.
 Metropolitan Paving Brick Co. (Shale)
 CAREY—Stief Bros. (Brick & Tile)
 CARROLLTON—Medal Paving Brick Co. (See Cleveland, O.)
 CARROTHERS—Stockdale Tile & Brick Co. (Brick & Tile)
 CECIL—Bissell & Erter (Tile)
 CELINA—Celina Brick Mfg. Co.
 Springer J. S. (Tile)
 CHATFIELD—Baumgartner Bros.
 CHICKASAW—Chickasaw Tile Co. (Tile)
 CHIPPEWA LAKE—Chippewa Shale Brick Co.
 CINCINNATI—Anders Geo. E., 1886 Fairmount av, Fairmount
 Blair J. M. Brick Co., 34 W 6th
 Cincinnati Brick Co., Addyston
 Cincinnati Clay Products & Supply Co., Johnston bldg
 Glass Brick Co., 1st Natl. Bk. bldg
 Gould John F., 339 Durrell av
 McCammon L. H. Bros., Johnston bldg
 Mitchell Brick Co., Lower River rd, Delhi
 Shorey-Willis Brick & Supply Co., Union Tr. bldg
 Suer Herman & Sons, Marburg av, Hyde Park
 Taylor Chas. Sons Co., 710 Burns
 Warburg Bernard, Springfield rd, New Burlington
 CLEVELAND—American Building Brick Co., 3639 W 56th
 Barkwill Brick Co., ft E 75th
 Barkwill-Farr Co., The Arcade
 Cleveland Brick & Clay Co., B of L E bldg

Cuyahoga Brick & Shale Co., Pearl rd
 Dover Fire Brick Co., Cuyahoga bldg
 Farr Brick Co., Leader-News bldg
 Harrison Wm. H., E 49th, opp Guy av
 Hydraulic Press Brick Co., 900 Schofield
 Knauff & Esterbrook
 Medal Paving Brick Co. (Vitrified Sewer), Swetland bldg, Works, Carrollton, O., & Malvern, O.
 Murray Brick Co., 10553 Euclid av
 Newburgh Brick & Clay Co., Engineers' bldg
 Ohio Clay Co., 816 Hippodrome bldg
 Standard Brick Co., Valley Ry
 Valley Shale Brick Co. (Sewer)
 CLYDE—Clyde Brick & Tile Works
 COAL GROVE—Petersburg Fire Brick & Tile Co.
 GOLD WATER—Birkmeyer, Mescher & Co. (Brick & Tile)
 COLUMBUS—Claycraft Brick Co.
 Columbus Brick & Terra Cotta Co.
 Ferris Warren B. Brick Co.
 Ironclay Brick Co.
 Kulp Bros. Brick Co.
 McArthur Junction Coal & Brick Co.
 Schneider Brick Co.
 Shawnee Flash Brick Co.
 Sugar Grove Brick Co.
 COLUMBUS GROVE—Columbus Grove Brick & Tile Co.
 CONDIT—Chadwick W. W. (Tile)
 CONNEAUT—United Brick Co.
 CORWIN—Benecke F. F. & Son (Tile)
 COSHOCTON—Coshocton Brick Co.
 COVINGTON—Wagner J. G. (Brick & Tile)
 CRIDERSVILLE—Beerline J. W. & Sons (Brick & Tile)
 CUMBERLAND—Bay John C. & Son
 CUYAHOGA FALLS—Keller Brick Co.
 DAYTON—Boren John W. & Sons Co., Arcade bldg
 Chadwick, W. H.
 Hosket Chas F., 662 E Richard
 Kempert A. F.
 Kempert & Sherer
 Telgler Bros.
 Timmerman W. A.
 DELAWARE—Delaware Clay Mfg. Co.
 DELPHOS—Minzing Fred
 DERBY—Hall J. L. & Son (Tile)
 DESHLER—Rogers M. E. (Tile)
 DOVER—Baab Bros.
 DUPONT—Etter Bros.
 DUVAL—Teegardin J. W. & Co. (Brick & Tile)
 EAST LIVERPOOL—East Liverpool Brick Mfg. Co.
 EIFORT—Portsmouth Refractories Co.
 ELMORE—Gleckler Geo. (Brick & Tile)
 ELYRIA—Wallhead Wm. A.
 EMPIRE—(See Brick, Fire)
 ERLIN—Vogt's Wm. Son (Tile)
 FINDLAY—Hancock Brick & Tile Co.
 FOREST—Young T. M. (Tile)
 FORT JENNINGS—Mericle Aaron (Tile)
 FORT LORAMIE—Wagler C. C.
 FORT RECOVERY—Fort Recovery Tile Co. (Tile)
 FREMONT—Fremont Tile & Brick Co. (Brick & Tile)
 Halbeisen F. (Tile)
 Potter D. M.
 Riverside Fuel & Supply Co.
 FULTON—Fulton Brick & Tile Co. (Brick & Tile)
 GALENA—Galena Clay Products Co.
 GALLIPOLIS—McCormick Geo. H. Son & Co. (Tile)
 GENEVA—Geneva Brick & Tile Works
 GERMANTOWN—Crauder Henry (Tile)
 GLANDORF—Nartker & Schroeder (Tile)
 GLENWOOD—Noble Brick Co.
 GOOD HOPE—Rife A. W. & J. Co. (Tile)
 GREENFORD—Greenford Tile & Clay Co.
 GREENSPRING—Young E. D.
 GREENVILLE—Richeson, Nelson & Moore (Drain Tile)
 GROVE CITY—Maxson Ira
 GROVER HILL—Mowers H. H. & Co. (Tile)
 HAMDEN—Puritan Brick Co. (See Detroit, Mich.)
 HAMILTON—Hamilton Brick Co.
 HANOVER—Hanover Red Pressed Brick Co.
 HARPSTER—Conley, Joseph A.
 HARRISON—Vincent Wm. C. & Son
 HATTON—National Clay Co.
 HAVILAND—Haviland Clay Works (Brick & Tile)
 HICKSVILLE—Armstrong Mfg. Co.
 HILL GROVE—Daubenmire C. E. (Tile)
 HOLGATE—Richholt Bros. (Brick & Tile)

IRONTON—Ashland Fire Brick Co.
 Wileman & Helbing
 JAMESTOWN—Dodd & Carpenter
 JEFFERSON—Loftus Martin
 KENTON—Schmidt Wiphart (Brick & Tile)
 KINGSWAY—Kingsway Drain Tile Co.
 LACARNE—Ballin August E.
 Ballin R. C.
 LANCASTER—Cowden Brick & Tile Co.
 Henry Robert
 LARUE—LaRue Tile Co. (The)
 LATTY—Schaefer E. P. (Tile)
 LAURELVILLE—McClelland Tile Co.
 LEBANON—Lebanon Pressed Brick Co.
 LEIPSIC—Terry R. T. (Brick & Tile)
 LINDEN HEIGHTS—Mulby Bros.
 LOGAN—Hocking Valley Brick Co.
 Logan Clay Product Co.
 LONDON—Carter & Foster
 LOUISVILLE—Keim Brick & Tile Co.
 Louisville Brick & Tile Co.
 LYKENS—Zellner Harvey
 McARTHUR—McArthur Brick Co.
 McCLURE—Kaylor John
 MALVERN—Malvern Fire Clay Co.
 Medal Paving Brick Co. (See Cleveland, O.)
 Robinson Clay Product Co.
 MAPLETON—Keim Brick Tile Co.
 MARIA STEIN—Goecke Jos. (Tile)
 MARION—Dix-Mason Brick Co.
 Hoyles J. T. (Brick & Tile)
 MARK CENTER—Hire Stave & Tile Co.
 MARSEILLES—Althouse S. W. & Son (Tile)
 MARTIN—Gerkenmyer H.
 MARYSVILLE—Williams & McIntyre Co. (Tile)
 MASSILLON—Everhard Co.
 Massillon Brick Co.
 Massillon Stone & Fire Brick Co.
 MELVIN—Melvin Tile & Brick Co.
 MENDON—Fox L. E. & Son (Tile)
 MIDDLEPORT—Middleport Brick Co.
 MIDDLETOWN—Smith Wm. & Co.
 MILLBURY—Diefenthaler Co. (Brick & Tile)
 MILLER CITY—Miller City Tile Co. (Tile)
 MILLERSBURG—Millersburg Brick & Tile Co.
 MILLERSPORT—Brison Bros.
 MINERAL CITY—Federal Clay Product Co. (Sewer, Circle, Foundations, etc)
 Holden Clay Products Co.
 Markley Geo. J.
 MINSTER—Steineman Anna M. (Tile)
 MOGADORE—Colonial Pressed Brick Co.
 MONROEVILLE—Mason H. R. (Tile)
 MORRAL—Morrall Drain Tile Co. (Tile)
 MOUNT GILEAD—Mount Gilead Tile & Pottery Co.
 MOUNT ORAB—Watson A. R. (Tile)
 MOUNT VERNON—Wolfe Arthur C.
 MOUNT VICTORY—Postle D. C. (Tile)
 NANKIN—Rockenfelder Julius (Tile)
 NAPOLEAN—Mehring John A. (Brick & Tile)
 Yarnell & Yarnell (Brick & Tile)
 NELSONVILLE—Nelsonville Brick Co.
 NEVADA—Kuenzli Bros. (Tile)
 NEWARK—Vogelmeier Bros.
 NEW COMERSTOWN—Novelty Brick & Coal Co.
 NEW LONDON—Biglow E. Co. (Brick & Tile)
 Richards Samuel (Tile)
 NEW STRAITSVILLE—Straitsville Impervious Brick Co.
 NORTH CREEK—Neff Bros. (Tile)
 NORTH INDUSTRY—Starkey John
 NORTH ROBINSON—McDougal Victor
 NORWALK—Norwalk Brick & Stone Co.
 NORWOOD—Suer H. & Sons, 2352 Harper
 OAK HARBOR—Gleckler Fred. (Tile)
 Kramb Brick & Tile Co. (Brick & Tile)
 OAK HILL—Aetna Fire Brick Co.
 Davis Fire Brick Co.
 Oak Hill Fire Brick & Coal Co.
 Ohio Fire Brick Co.
 OBERLIN—Oberlin Brick & Tile Co.
 OTTAWA—Ottawa Tile Co. (Tile)
 PAINESVILLE—Thompson Chas.
 PAINTER CREEK—Swinger Oliver (Tile)
 PAULDING—Klingler C. P. (Tile)
 PAYNE—Anspaugh J. A. (Tile)
 Garmroth Geo.
 PERRYSBURG—Moser Wm.
 Perrysburg Tile & Brick Co.
 PICKERINGTON—Fernstenmaker W. E. & Son (Tile)
 PIONEER—Lantz Fred. (Tile)
 PLEASANT HILL—Deeter Isaac

PLEASANTVILLE—Miller N. H.
 PORTSMOUTH—Heinisch Geo. H.
 Kentucky Fire Brick Co.
 Portsmouth Refractories Co.
 RICHWOOD—Richwood Clay Co.
 RIPLEY—Ripley Brick Co.
 RITTMAN—Rittman Tile & Clay Products Co. (Tile, etc)
 RIVER STYX—Ream A. B. (Tile)
 ROCKFORD—King W. H. & Co.
 ROYALTON—Allen & Hinckle (Brick & Tile)
 SABINA—Darbyshire A. J.
 SALINEVILLE—Ohio Clay Products Co.
 SANDUSKY—Hinde Brick & Tile Co.
 SHANESVILLE—Finzer Bros. Clay Co. (Tile)
 SHERWOOD—Schliesser William & Arnold
 SHILOH—Prame F. J.
 SIDNEY—Bennett H. E. & Co.
 SPARTA—Easterday Bros. (Bricks & Tile)
 SPENCERVILLE—Schaffer G. W. (Tile)
 Spencerville Tile Co. (Tile)
 SPRINGFIELD—Grube, Adam & Son
 Grube Bros.
 STEUBENVILLE—Nicholson Brick Co.
 STONE CREEK—Mumaw David G. (Tile)
 SUGARCREEK—Shepher & Moomaw Bros.
 SYCAMORE—Althouse Bros. (Tile)
 TIFFIN—Heilmann Bros.
 Tiffin Brick Co.
 TOLEDO—Collingwood Brick Co., Spitzer bldg.
 Enamel-Vitrified Brick Co.
 Hydraulic-Press Brick Co.
 Kohler Brick Co., St. Clair bldg.
 Macomber Bros. Co.
 Ohio Brick Co.
 TORONTO—Toronto Fire Clay Co.
 TRIMBLE—Trimble Paving Brick Co. (Building, Sewer, Sidewalk)
 TROY—Troy Tile & Brick Co.
 UHRICHVILLE—Uhrichsville Clay Co.
 UNION FURNACE—Columbus Brick & Terra Cotta Co.
 UPPER SANDUSKY—Blaser E. G. (Tile)
 WADSWORTH—Wadsworth Brick & Tile Co.
 WARREN—Warren Brick & Tile Co.
 WAYNESFIELD—Drain Tile Co.
 WEST UNITY—Denman W. M. (Tile)
 WEST MANCHESTER—Nelson Myers Co. (Tile)
 WICKLIFFE—Kline John Brick Co. (Building & Sewer, Capacity 5,000,000)
 WOOSTER—Wooster Shale Brick Co.
 YOUNGSTOWN—Bessemer Limestone Co. (Wire Cut Shale; Capacity, 225,000 per Day)
 Portage Silica Co.
 ZANESVILLE—Harris Brick Co.

OKLAHOMA.

ADA—Cooper & Bones
 ARDMORE—Ardmore Brick & Tile Co.
 BARTLESVILLE—Bartlesville Vitrified Brick Co.
 BLACKWELL—Blackwell Brick Co.
 BOYNTON—Francis Vitric Brick Co.
 CLAREMORE—Howard Brick Co.
 McALESTER—Choctaw Pressed Brick Co.
 MANGUM—Mangum Pressed Brick Co.
 MUSKOGEE—Muskogee Vitrified Brick Co.
 OKLAHOMA—American Brick & Tile Co. Cleveland Vitrified Brick Co.
 SAPULPA—Sapulpa Pressed Brick Co.
 TULSA—Tulsa Brick Co.

OREGON.

AURORA—Jost Jacob F.
 BARLOW—Yost Jacob F.
 PORTLAND—Columbia Brick Works, 277 Hawthorne
 Standard Brick & Tile Co., 81 4th
 Versteg Brick Co., 1027 Tillanook

PENNSYLVANIA.

ALLENTOWN—Frederick Brothers
 Mattern E. G.
 Swoyer Bros. Brick Co.
 ALTOONA—Altoona Brick Co.
 AUBURN—Auburn Shale Brick Co.
 BEAVER FALLS—Douglas-Whisler Brick Co.
 BELLEFONTE—Bellefonte Brick Co.
 BLOOMSBURG—Bloomsburg Brick Co.
 BOSTON—Harper C. M. C.
 BRADDOCK—Keller & Milliken
 BRADFORD—Alumina Shale Brick Co.
 Bradford Pressed Brick Co.
 Kittanning Clay Products Co.

Pearl Clay Products Co.
 Tuna Valley Pressed Brick Co.
 BRIDGEVILLE—Mayer C. P. Brick Co.
 BROOKVILLE—Humphrey Brick & Tile Co.
 CARLISLE—Carlisle Brick Co.
 CARNEGIE—Fort Pitt Stone & Brick Co.
 CHESTER—Carr & McClaskey
 Law Martha
 CLEARFIELD—Clearfield Brick Mfg. Co.
 Clearfield Clay Working Co.
 Paterson Clay Products Co.
 CLYMER—Clymer Brick & Fire Clay Co.
 COPLAY—Rader Edward B.
 CORRY—Corry Brick & Tile Co.
 DARLINGTON—Darlington Brick & Mining Co.
 DUBOIS—Dubois Clay Mfg. Co.
 DUNBAR—Foltz D. C.
 EASTON—Messer John B (Estate of)
 Zehnder Brick Co.
 EAST DOWNTOWN—Florey's Brick Wks.
 EAST STROUDSBURG—Zacharias Jos. H.
 EMAUS—Binder Bros.
 ERIE—Dudenhoeffer Co.
 Dunn Brick Works
 FALLSTON—Pennsylvania Clay Co.
 Standard Fire Clay Co.
 GREENSBURG—Keystone Clay Products Co.
 GROVE CITY—Filer W. H.
 HAMBURG—Hamburg Vitrified Brick Co.
 Tobias & Sheridan
 HARRISBURG—Bigler S. L. (Est of)
 HOLLIDAYSBURG—Portage Brick Co.
 HOMESTEAD—Homestead Brick Co.
 HOWARD—Howard Brick Co.
 JOHNSONBURG—Yingling-Martin Brick Co.
 JOHNSTOWN—Johnstown Clay Products Co.
 KANE—Kane Brick Co.
 KITTANNING—Daugherty Bros. Brick Co.
 Kittanning Brick & Fire Clay Co.
 Kittanning Clay Mfg. Co.
 KUSHEQUA—Kushequa Brick Co.
 LANCASTER—Bomberger Brick Works
 Pontz Adam
 Pontz Jacob
 Wise C. & Bro.
 LANSDALE—Scholl Bros.
 LANSLOWNE—Sullivan Jno.
 LATROBE—Latrobe Brick Co.
 LAYTON—Kier Fire Brick Co.
 LEBANON—Peerless Brick Co.
 LEHIGHTON—Graver H. A.
 LEWIS RUN—Alumina Shale Brick Co.
 Bradford Pressed Brick Co. (See Bradford, Pa.)
 LOCK HAVEN—Lock Haven Fire Brick Co.
 McKEESPORT—Layton Fire Clay Co. (Sidewalk)
 Tempest Brick Co., (Ltd.)
 MILTON—Fries W. E.
 Milton Brick Co.
 MONESSEN—Monessen Brick Works
 MONONGAHELA—Monongahela Clay Mfg. Co.
 Monongahela Stone Clay & Brick Co.
 MORTON—Ackerman Henry I.
 MOUNT UNION—Mount Union Refractories Co.
 MOUNTVILLE—Mountville Brick Co.
 NEW BETHLEHEM—Canton Tile Hollow Brick Co.
 NEW BRIGHTON—Fallston Fire Clay Co.
 Ingram & Co.
 NEW CUMBERLAND—Flurie E. E.
 Landis Brick Co.
 New Cumberland Brick Co.
 NEW OXFORD—Alwine Bros. Brick Co.
 Carbaugh Wm. H.
 Staub James A.
 NORRISTOWN—Norrystown Brick Co.
 OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
 RATTON—Patton Clay Mfg. Co.
 PENNSBURG—Reed Charles M.
 Shankel Emanuel K.
 PHILADELPHIA—Atlantic Brick Mfg. Co., 1218 Chestnut
 Byrne Jos. T., 29th & Clearfield
 Carroll H. C. & Sons, 67th & Gibson
 Conway William, 5800 Walnut
 Dougherty Edw., 5th & Wyoming av
 Earley John H., Nicetown
 Equitable Brick Mfg. Co., Perry bldg
 Essig & Myers, N 2d n Butler
 Frankford Brick Works, Torsdile av
 Gaynor Michael, 30th & Morris
 Goodwin John A., 27th & Tioga
 Hamburg Vitrified Brick Co., 20th & Sedgley
 Hatten Owen, Fisher's la & 9th

Hydraulic Press Brick Co., Real Estate Trust bldg
 Jarden Brick Co., Land Title bldg
 Kelly Christopher, Fisher's av & Clinton, Olney
 Keystone Brick Co., Godfrey E., 2d, St. Park
 Leuton Brick Co., 25th & Passy'k av
 Mack Mfg. Co. (Building & Foundation), Lincoln bldg
 North Phila. Brick Works, Rising Sun & Luzerne
 Phila. Brick Co., 25th c Passayunk av
 Pine Grove Vitrified Brick Co., 20th & Sedgley
 Scott Brick Process Co., N American bldg
 Seitter's F. Sons, Nicetown & G
 Siner H. M. & C. B., Nicetown la & K Webster & Keyser, 30th & Tasker
 Wible R. B. & Son, 3404 Old Yard rd
PHILIPSBURG—Williams Grove Brick Co.
PITTSBURGH—Allegheny Brick Co., 19th
 Blair D. & Bros., Stanton & Black
 Booth & Flinn (Ltd), 1942 Forbes
 Entress Brick Co., Bedford av & Duff Hill
 Fallston Fire Clay Co., Oliver bldg
 Gloninger & Co., Arrott bldg
 Iron City Brick & Stone Co., Stanton & McCandless avs
 Kier Fire Brick Co., Oliver bldg
 Kittanning Brick & Fire Clay Co., Empire bldg
 Lambert R. R. Co., Taggart & Crispen
 Mack Mfg. Co., Arnott bldg
 McFeely Brick Co., 1st Nat'l Bank bldg
 Martin Brick Co., Empire bldg
 Montour Brick Co., Imperial
 Pennsylvania Clay Co., 421 Wood
 Pittsburgh-Callery Brick Co., Wabash bldg
 Pittsburgh Clay Product Co., Keenan bldg
 Sankey Bros., 2112 Carson
 Squirrel Hill Brick Co., Haldane & Connor
 United States Sewer Pipe Co., Frick bldg
 Vanport Brick Co., Farmers Bank bldg
 Ward J. H. & Sons Co., Park & Nelson
 Westmoreland Brick Co., 2nd Nat'l Bank bldg
 Wilson Brick & Tile Co., Keenan bldg
 Yingling Martin Brick Co.
PORTERS SIDELING—Brillhart Jacob S. & Sons
POTTSTOWN—Davidheiser F. B.
 Garber Joseph S.
 Roth Adam E.
PUNXSUTAWNEY—Punxsutawney Brick Co.
QUAKERTOWN—Henckeroth John
READING—Glen-Gery Shale Brick Co.
 Kline D Milton
 Reading Shale Brick Co.
REYNOLDSVILLE—Evans Thomas E.
 Reynoldsville Brick & Tile Co.
ROYERSFORD—Thompson & Wills
ST. MARY'S—Elk Fire Brick Co.
SCHUYLKILL HAVEN—Schuylkill Pressed Brick Co.
SCRANTON—American Brick Co.
 Federal Granite Brick Co.
 Laurie James
 Stipp Mathias
 Stipp Peter & Sons
SHARPSBURG—Allegheny Brick Co., (Ltd.) (See Pittsburgh, Pa.)
SHIPPINSBURG—Bross & Shearer
SOUTH BETHLEHEM—Bingen Brick Co. (Ltd.)
 Groman Bros. (Ltd)
SPEECEVILLE—Speeceville Brick Mfg. Co.
STEELTON—Steelton & Harrisburg Brick Co.
STOWE—Davidheiser F. B.
UNIONTOWN—Snider Edw.
 Uniontown Brick Co.
 United Fire Brick Co.
 Williams J. V.
VANPORT—Gloninger & Co.
 Vanport Brick Co.

WARREN—Highhouse's E. Sons
WASHINGTON—Donley Brick Co.
 Washington Brick Co.
WATSONTOWN—Ferro Brick Co.
WAYNESBURG—Waynesburg Brick & Stone Co.
WILKESBARRE—Dickover Geo. T. & Son
YORK—Grotbe William H.
 Kissinger's Benjamin Sons
 Miller Chas. E. Brick Mfg. Co.
 Spring Garden Brick Co., (Ltd.)
 York Shale Press Brick Co.

RHODE ISLAND.

ASHAWAY—Ashaway Clay Co.
PROVIDENCE—Barrington Steam Brick Co., 10 Weybosset

SOUTH CAROLINA.

BLUE BRICK—Pee Dee Brick & Tile Co.
CAMDEN—Camden Brick Co.
CHERAW—Cheraw Brick Works
DARLINGTON—Darlington Brick & Tile Co.
DYSON—Dyson Brick Co.
FORT MILL—Charlotte Brick Co.
GREENWOOD—Mays Brick Co.
 Pinson J. L.
NORTH AUGUSTA—Hankinson Brick Co
PEE DEE—Pee Dee Brick & Tile Co.
SUMMERVILLE—Summerville Brick Co.
SUMTER—Sumter Brick Works

SOUTH DAKOTA.

ABERDEEN—Carrier & Sons
BIG STONE CITY—Gold Bros. Brick Co.
LEAD—Phillips & Bartlett
SIoux FALLS—Sioux Falls Pressed Brick Co.

TENNESSEE.

CHATTANOOGA — Chattanooga River Brick Co.
 Howard Park Brick Co.
 Key Jas. Brick Co.
 Southern Clay Mfg. Co. (Paving Brick)
 Wells J. W. Brick Co.
CLARKSVILLE—Settle W. A.
COLUMBIA—Simpson Thos.
DYERSBURG—Nichols J. M.
 Tennessee Brick & Tile Co.
JACKSON—Jackson Brick Co.
 Long J. B.
 Southern Tile & Brick Works
KNOXVILLE—Davis W. M. & Son
 Knoxville Brick Co.
 Lonsdale Face Brick Co.
 Scott Brick Process Co.
 Scott J. F. & Son
McKENZIE—Costen, Moore & Co.
MARYVILLE — Jackson-Eagleton Brick Co.
MEMPHIS—Lyon C. B. & Son
 Missio R. L. Brick & Supply Co.
 South Memphis Brick Co.
NASHVILLE—Bush Building Co.
 Fulcher Brick Co.
 Lesueur W. D. & C. H.
 Lewis E. T. Co.
PURYEAR—Dixie Brick & Tile Co.
ROBBINS—Southern Clay Mfg. Co.
UNION CITY—Bransford T. L. & Sons

TEXAS.

ATHENS—Athens Brick & Tile Co.
 Athens Pressed Brick Co. (Chas. H. Coleman, Prop.)
AUSTIN—Elgin Butler Brick & Tile Co.
 Butler Brick Works
BROWNSVILLE—Gulf Coast Brick & Tile Co.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
CENTER—Thomas N. O.
CORSICANA—Corsicana Brick Co.
DALLAS—Atlas Press Brick Works
 Brown Brick Co.
ELGIN—Elgin Butler Brick & Tile Co.
EL PASO—Atlas Brick Co.
 El Paso Brick Co.
 Paul's Brick Co.
FERRIS—Diamond Press Brick Co.
 Ferris Pressed Brick Co.
 Globe Pressed Brick Co.
 Lone Star Pressed Brick Co.
 Texas Press Brick Co.
FORT WORTH—Cobb Brick Co.
GAINESVILLE—Gainesville Brick Co.
GONZALES—Sunset Brick & Tile Co.
HOUSTON—Vandaveer Jennings

LAREDO—Johnson S. N.
MARLIN—Branson, A. L.
MARSHALL—Higgins James
PALMER—Palmer Press Brick Works
SAN ANTONIO—Mackey Brick & Tile Mfg. Co.
 Williams C. E. Brick Co.
STAMFORD—Bushel, R.
SULPHUR SPRINGS—Crush Brick & Tile Co.
TEXARKANA—Stevens A. W.
 Texarkana Brick Co.
WICHITA FALLS—Wichita Falls Brick & Tile Co.

UTAH.

LOGAN—Logan Brick & Lime Co.
OGDEN—Ogden Pressed Brick & Tile Co.
PROVO—Provo Pressed Brick Co.
SALT LAKE CITY—Improved Brick Co.
 Kaysville Brick Co.
 Salt Lake Pressed Brick Co.
 Utah Fire Clay Co.
SMITHFIELD—Smithfield Brick & Tile Co.
SPRINGVILLE—Cook Mark

VERMONT.

ESSEX JUNCTION—Drury Brick & Tile Co.

VIRGINIA.

ALEXANDRIA—Bromilaw Brick Works
ARLINGTON—Virginia Brick Co.
 Walker W. T. Brick Co.
 West Bros. Brick Co.
BUENA VISTA—Dickinson Fire Brick Co.
CHARLOTTESVILLE—Udike Eston
COVINGTON—Allegheny Brick Co.
 Covington Brick Co.
CULPEPPER—Culpepper Brick Co.
DANVILLE—Watson Fitzgerald Corp.
DRAKES BRANCH—Payne & Spinaler
ELKWOOD—Nalle & Douglas
HAMPTON—Richardson R. H. & Son
LYNCHBURG—Adams Bros. Payne's Co.
 Lynchburg Brick Co.
MANCHESTER—Redford Brick Works
NORFOLK—Eureka Brick Co.
 Face E. W. & Son
 James River Brick Co.
 Nansemond River Brick & Tile Co.
PETERSBURG—Brister Chas. M.
 Turner W. R.
RICHMOND—Baltimore Brick Co.
 Burroughs & Mankin
 Davis W. Benjamin Brick Co.
 Fulton Brick Works
 Powers Bros. & Maynard
 Powhatan Clay Mfg. Co.
 Redford Brick Works
 South Side Brick Co.
 Wellington Brick Co., Millers Field
ROANOKE—Adams, Payne & Gleaves, (Annual Capacity, 37,000,000)
STRASBURG—Lemlev L. F. & Sons
SUFFOLK—Suffolk Clay Co.
 Virginia Brick Co.
WEEMS—Buck Levin T. & Co.

WASHINGTON.

BELLINGHAM—Headrick F. E.
 Miller J. F. & Brother
CHELAN—Dunham H. E.
 Mathers D. C.
CLE ELUM—Hutter Frank
COLFAX—Easum Bros.
EVERETT—Everett Brick Co.
FREEMAN—Schieche Frank
GRANGER—Granger Brick & Tile Co.
HARPER—Harper-Hill Brick Co.
LEAVENWORTH—Guthersless J. E.
MEAD—Davie J. T. Brick Co.
SEATTLE—Abrahamson Brick Co.
 Builders' Brick Co.
 Denny-Renton Clay & Coal Co.
 Harper-Hill Brick Co.
 Lake Union Brick Co.
 Lohse Brick Co.
 Peerless Brick Co.
 Seattle Brick & Tile Co.
SPOKANE—Davie J. T. Brick Co.
 Dishman A. T.
 Pioneer Brick Co.
 Spokane Pressed Brick Co.
 Washington Brick, Lime & Sewer Pipe Co.
TACOMA—Goss F. H. Brick Co.
VANCOUVER—Carson Bros.
WALLA WALLA—Walla Walla Brick & Tile Co.

When writing to firms listed
 in this book please mention
HENDRICKS'
COMMERCIAL RECISTER

WENATCHEE—Hobson Bros.
Standard Brick Co.

WEST VIRGINIA.

CHARLESTON—Kanawha Brick Co.
Standard Brick Co.
CLARKSBURG—Glen View Brick Co.
COLFAX—Colfax Brick Co.
ELKINS—Elkins Brick Co.
HUNTINGTON—West Virginia Paving &
Pressed Brick Co.
HURRICANE—McCallister Wm. H.
MARTINSBURG—Buxton G. W.
MORGANTOWN—Morgantown Brick Co.
NEW CUMBERLAND—Acme Fire Clay
Works
Claymont Brick Works
Mack Mfg. Co. (Building & Foundation)
PHILIPPI—Holt Samuel T. H.
PIEDMONT—Potomac Fire Brick Co.
WESTON—Keener Geo. I.
Weston Brick Works

WISCONSIN.

ARCADIA—Pahl August
ATHENS—Athens Brick & Tile Co.
AUGUSTA—Johnson W. E.
BARRON—Barron Red Pressed Brick Co.
BARRONETT—Larson Peter
Peterson Martin
BERLIN—Morris Chas. S.
BRILLION—Brillion Brick & Tile Co.
BRISTOL—Willett & Brown (Tile)
BURLINGTON—Burlington Brick & Tile
Co.
CASSVILLE—Braun Bros.
CHILTON—Ricker L. H.
DE PERE—Hocker Bros.
Roffers John
Van Laanen Arnold
EDGAR—Hill Thomas
ELKHORN—Sprague E. H.
GRAND RAPIDS—Grand Rapids Brick Co.
Lessig John & Son
GREEN BAY—Green Bay Brick Co.
HIKA—Witte Gustav Jr.
JANESVILLE—Janesville Brick Works
JEFFERSON—Jefferson Brick & Tile Mfg.
Co.
Kemmeter Gottlieb
KENOSHA—Craney & Spaulding
LA CROSSE—Schnell & Son
LADYSMITH—Ladysmith Brick & Tile
Co.
MADISON—B. & M. Brick Co.
Stephens David (Est. of)
Wisconsin Brick Co.
MANITOWOC—Bertler's S. Sons Co.
Manitowoc Clay Products Co.
Woerfel Adolph
MENOMONIE—Excelsior Brick Co.
Hydraulic Press Brick Co.
Wisconsin Red Pressed Brick Co.
MILWAUKEE—Burnham Bros. Brick Co.,
50th & State
Davelaar M. Son & Co., 153 Pryor av
Standard Brick Co., 496 Clement av
NEILLSVILLE—Schoengarth Aug.
NEW LONDON—Zerrenner Bros.
PORTAGE—Sanborn Brick & Ice Co.
PORT WASHINGTON—Gunther Bros.
RACINE—Haumerson F. H. & Sons
Hilker H. A.
SCHLEISINGERVILLE—Baehring H.

SHAWANO—Larson Thomas
SHEBOYGAN—Zimbal O. Brick Co.
STEVENS POINT—Langenberg Wm. E.
Stevens Point Brick Mfg. & Cons. Co.
UNION GROVE—Nisen Michael & Sons
WATERTOWN—Cordes L. H. & Co.
WAUPACA—Gminer C.
WAUSAU—Ringle Brick Co.
WAUWATOSA—Burnham Bros. Brick Co.

WYOMING.

CHEYENNE—Cheyenne Brick Co.
WHEATLAND—Goodrich Charles W.

1420-1— Brick (Cork)

Armstrong Cork Co., 24th & A V R R,
Pittsburgh, Pa.
Armstrong Cork & Insulation Co. (For
Stables, Shipping, Platforms, Machine
Shops, etc), Pittsburgh, Pa.
United Cork Companies, 50 Church, New
York

Brick (Cupola)

See Cupola Linings & Blocks

Brick (Dutch Clinker)

See Brick, Dutch Oven

1422— *Brick (Dutch Oven)

Thomas Moulding Brick Co., 133 W Wash-
ington, Chicago, Ill.
See adv index at end of book

1423-4— Brick (Enameled)

American Enameled Brick & Tile Co., 52
Vanderbilt av, New York
Ferris Warren B. Brick Co., Columbus, O.
Hydraulic-Press Brick Co. ("Hy-Namel"),
St. Louis, Mo.
Los Angeles Pressed Brick Co., Los An-
geles, Cal.
Martin Brick Co., Empire bldg, Pitts-
burgh, Pa.
Old Bridge Enameled Brick & Tile Co.,
Old Bridge, N. J.
Sayre & Fisher Co. (Also Ornamental), 261
B'way, New York
Tiffany Enamel Brick Co., Momence, Ill.

1425— Brick (Fire)

ALABAMA.

ASHBY—McLeroy D. L.
BESSEMER—Bessemer Fire Brick Co.
BIRMINGHAM—North Birmingham Fire
Brick & Proofing Co.

CALIFORNIA.

ALAMEDA—Clark N. & Sons
LIVERMORE—Livermore Fire Brick Co.
LOS ANGELES—Los Angeles Pressed
Brick Co.
St. Louis Fire Brick & Clay Co.
SAN FRANCISCO—Carnegie Brick & Pot-
tery Co., Rialto bldg
Clark N. & Sons, 116 Natoma
Funsten Clay Products Co., 55 New
Montgomery

Gladding, McBean & Co., Crocker bldg
Ione Firebrick Co., Monadnock bldg
Pratt Building Material Co., Hearst
bldg
Steiger Terra Cotta & Pottery Works
Mills bldg
Stockton Fire & Enamel Brick Co.,
Rialto bldg
United Materials Co., 618 Mission

COLORADO.

CANON CITY—Diamond Fire Brick Co.
DENVER—Denver Fire Clay Co.
Denver Pressed Brick Co.
Denver Sewer Pipe & Clay Co.
PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

NEW HAVEN—Howard Co.
Stow Silas J.

DELAWARE.

NEWPORT—Kiamensi Clay Co.
WILMINGTON—Delaware Terra Cotta
Co., 819 Shipley

GEORGIA.

MACON—Stevens H. Sons Co.
MILLEDGEVILLE—Oconee Brick & Tile
Co.
TIFTON—Tift Silica Brick & Stone Co.

IDAHO.

TROY—Idaho Fire Brick Co.

ILLINOIS.

CARBON CLIFF—Argillo Works
CHICAGO—Chicago Fire Brick Co., 133
W Washington
Chicago Retort & Fire Brick Co.
("Ajax"), 208 So La Salle
Chicago Sewer Pipe Co., 127 N Dear-
born
Dee Wm. E. Co., 30 N La Salle
Detrick W. H. Co., 549 W Washington
blvd
Garden City Sand Co., Chamber of
Commerce bldg, Chicago, Ill.
National Fireproofing Co., 327 S La
Salle
Southern Fire Brick & Clay Co., 133
W Washington
Thomas Moulding Brick Co., 133 W
Washington
See adv index at end of book
OTTAWA—Chicago Retort & Fire Brick
Co.
UTICA—Utica Fire Brick & Clay Co.

INDIANA.

BRAZIL—McNutt & McConnell Co.
FORT WAYNE—Moellering's Wm. Sons.
HILLSDALE—Lanyon D. N.
MONTEZUMA—Burns & Hancock Fire
Brick & Clay Co.

IOWA.

MASON CITY—Mason City Clay Works
VAN METER—Platt Pressed & Fire Brick
Co.

Thomas Moulding Brick Co.

1203 CHAMBER OF COMMERCE

CHICAGO, ILL

Manufacturers of

FIRE BRICK and SPECIAL FIRE CLAY SHAPES for ALL PURPOSES

Rotary Cement and Brick Kilns; Malleable, Forging and Boiler Furnaces;
Gray Iron and Semi-Steel Cupolas.

KANSAS.

WICHITA—Wichita Silux Brick Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co.
 HIGHLAND PARK—Louisville Fire Brick Works
 LOUISVILLE—Bannon P. Pipe Co.
 Louisville Fire Brick Works
 OLIVE HILL—General Refractories Co.

MAINE.

PORTLAND—Winslow & Co.

MARYLAND.

BALTIMORE—Baltimore Retort & Fire Brick Co., cor Hull & Nicholson
 FROSTBURG—Big Savage Fire Brick Co.
 Savage Mountain Fire Brick Co.
 MOUNT SAVAGE—Union Mining Co.
 NORTH EAST—Green Hill Fire Brick Co.
 North East Fire Brick Co.
 United Fire Brick Co.
 SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—Eastern Clay Goods Co., 141 Milk
 Fiske & Co., 25 Arch
 DIGHTON—Dighton Stove Lining Co.
 TAUNTON—Presbrey Stove Lining Co.
 Union Stove Lining Co.
 Williams Stove Lining Co.

MICHIGAN.

DETROIT—Bellevue Furnace Co. (Special)
 703 Bellevue av
 Holmes F. B. & Co., Penobscot
 Humphreys E. C. Co., Book bldg
 Little Chas. H. Co., Dock River Rouge
 Woodison E. J. Co.
 IONIA—Ionia Pottery Co.

MINNESOTA.

MINNEAPOLIS—Northwestern Fireproofing Co., Kasota blk
 NEW ULM—Aufderheide Fred

MISSOURI.

FULTON—Fulton Fire Brick Co.
 KANSAS CITY—Dickey W. S. Clay Mfg. Co.
 MEXICO—Green A. P. Fire Brick Co.
 ST. LOUIS—Evans & Howard Fire Brick Co., 920 Market
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs
 Mississippi Glass Co., 4070 N Main
 Missouri Fire Brick Co., 411 Olive
 Mitchell Clay Mfg. Co., 5627 Manchester av
 Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg
 St. Louis Vitified & Fire Brick Co., Wainwright bldg
 Walsh Fire Clay Products Co., 4070 No Main

NEBRASKA.

BEATRICE—Beatrice Brick Works

NEW JERSEY.

CAMDEN—Reeves Augustus
 JERSEY CITY—Gautier J. H. Co., Greene
 MAURER—Maurer Henry & Son (All Kinds for Steel, Iron, Copper & Glass Works, Blast Furnaces, Rolling Mills, etc)
 NEWARK—Sayre Jas. R. Jr. & Co., River
 PERTH AMBOY—**DIDIER-MARCH CO.** ("Didier" All Kinds, For Steel, Iron, Copper, Glass Blast Furnace, Rolling Mills, Gas Plants, Power Plants, etc).
 Ostrander Fire Brick Co.
 SAYREVILLE—Sayre & Fisher Co.
 SOUTH AMBOY—South Amboy Terra Cotta Co.
 TRENTON—Chambers A. Reeder
 Trenton Fire Clay & Porcelain Co.
 WOODBRIDGE—Berry James E.
 Mutton Hollow Fire Brick Co.
 Valentine M. D. & Bro. Co.

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)

BUFFALO—Hall & Sons

NEW YORK CITY.**Borough of Brooklyn.**

BROOKLYN—Brooklyn Fire Brick Works,
 88 Van Dyke
 Greenpoint Fire Brick Co., 111 Clay

Boroughs of Manhattan and Bronx.

NEW YORK—American Arch Co., 30 Church
 American Enameled Brick & Tile Co., 52 Vanderbilt av
 General Refractories Co., 111 B'way
 Marcy Stove Repair Co., 74 Beekman
 Maurer Henry & Son (All Kinds for Steel, Iron Copper & Glass Works, Blast Furnaces Rolling Mills, etc), 420 E 23d
 National Fire Proofing Co., Flatiron bldg
 Ostrander Fire Brick Co., 13 Park Row
 Perth Amboy Fire Brick Co., 114 Liberty. Works: Perth Amboy, N. J.
 Sayre & Fisher Co. (For All Purposes), 261 B'way

Borough of Richmond.

KREISCHERVILLE—Kreischer Brick Mfg. Co.
 (End of New York City)

ROME—Betson Plastic Fire Brick Co.
 SYRACUSE—Pack Geo. W. & Son
 Robinson Clay Product Co.
 TROY—McLeod & Henry Co. ("Steel Mixture" High Grade) 360 1st
 Ostrander Fire Brick Co.

NORTH CAROLINA.

POMONA—Pomona Terra Cotta Co.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Pressed Brick Co.
 HEBRON—Hebron Fire & Pressed Brick Co.

OHIO.

AKRON—American Sewer Pipe Co.
 Robinson Clay Product Co.
 CINCINNATI—Taylor Chas. Sons Co. (& Fire Tile), 710 Burns
 CLEVELAND—Dover Fire Brick Co., Cuyahoga bldg
 Federal Refractories Co.
 Knauff & Esterbrook
 National Fire Proofing Co., Cuyahoga bldg
 Shepard J. J., 1078 River av N. W.
 Stowe-Fuller Co., Rockefeller bldg
 COAL GROVE—Petersburg Fire Brick & Tile Co.
 COLUMBUS—Claycroft Brick Co. ("Indian Brand")
 Columbus Brick & Terra Cotta Co.
 DELAWARE—Delaware Clay Mfg. Co.
 ELFORT—Portsmouth Refractories Co.
 EMPIRE—Minor Firebrick Co.
 Standard Fire Brick Co.
 Stratton Fire Clay Co.
 IRONDALE—East Ohio Sewer Pipe Co.
 Standard Fire Brick Co.
 IRONTON—Ashland Fire Brick Co.
 LOGAN—Logan Clay Product Co.
 MAGNOLIA—Greer-Beatty Clay Co.
 MALVERN—Malvern Fire Clay Co.
 MARIETTA—Cisler Thos. & Co.
 MASSILLON—Everhard Co.
 Massillon Stone & Fire Brick Co.
 MILLERSBURG—Millersburg Brick & Tile Co.
 MINERAL CITY—Federal Clay Product Co.
 Holden Clay Products Co.
 NILES—Niles Fire Brick Co.
 OAK HILL—Aetna Fire Brick Co.
 Davis Fire Brick Co.
 Diamond Brick Co. (Wire Cut)
 Oak Hill Fire Brick & Coal Co.
 Ohio Fire Brick Co.
 Pyro Clay Products Co.
 PORTSMOUTH—Carlyle Paving Brick Co.
 Kentucky Fire Brick Co.
 Portsmouth Refractories Co.
 SCIOTOVILLE—Scioto Firebrick Co.
 STRASBURG—Columbia Fire Brick Co.
 Dover Fire Brick Co.
 National Fire Brick Co.

TORONTO—Toronto Fire Clay Co.
 UHRICHSVILLE—Buckeye Fireclay Co.

PENNSYLVANIA.

BEECH CREEK—Penna. Fire Brick Co.
 BOLIVAR—Gardner Jas. Jr. Co.
 Soisson Joseph Fire Brick Co.
 Vulcan Refractories Co.
 CATASAUQUA—Lehigh Fire Brick Works
 CLEARFIELD—Clearfield Fire Brick Co.
 CONNELLSVILLE—Soisson, Jos. Fire Brick Co.
 COURTNEY—Courtney Firebrick Co.
 CURWENSVILLE—Bickford Fire Brick Co.
 DARLINGTON—Darlington Brick & Mining Co.
 DUBOIS—DuBois Clay Mfg. Co.
 DUNBAR—United Fire Brick Co.
 GLEASONTON—North Bend Fire Brick Co.
 JOHNSTOWN—Haws A. J. & Sons, (Ltd.)
 Swank's Hiram Sons
 LATROBE—McFeely Brick Co.
 LAYTON—Kier Fire Brick Co.
 LOCK HAVEN—Lock Haven Fire Brick Co.
 Queen's Run Fire Brick Co.
 LOCKPORT STATION—Gardner James Jr. Co.
 MEYERSDALE—Savage Fire Brick Co.
 MILL HALL—Mill Hall Brick Works
 MONACA—Welch-Bright Co.
 MONONGAHELA—Courtney Fire Brick Co.
 Monongahela Clay Mfg. Co.
 MOUNT BRADDOCK—Eureka Fire Brick Works
 MOUNT UNION—Mount Union Refractories Co.
 NEW BRIGHTON—Brighton Fire Brick Co.
 Fallston Fire Clay Co.
 Ingram & Co.
 Smith A. F. Co.
 Standard Fire Clay Co.
 NEWCASTLE—Newcastle Portland Cement Co.
 ORVISTON—Hayes Run Fire Brick Co. (Difficult Shapes a Specialty)
 OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
 PATTON—Good Geo. S. Fire Brick Co.
 Patton Clay Mfg. Co.
 PHILADELPHIA—Borgner Cyrus Co., 234 N 23d
 Hyzer & Lewellen, 952 N 9th
 McHenry James, 2310 Washington av
 Mack Mfg. Co., Lincoln bldg
 Maurer Henry & Son, Penna. bldg
 National Fire Proofing Co., Land Title bldg
 Phila. Clay Material Co., 4629 W Girard av
 Phila. Fire Brick Works, 2306 Vine
 Remmey Rich. C. Son Co., Hedley & Delaware
 PITTSBURGH—Blackfox Brick Co., 111 Market
 Fallston Fire Clay Co., Oliver bldg
 Gloninger & Gloninger (North Savage)
 Harbison-Walker Refractories Co. (All Kinds & Shapes for All Purposes).
 Farmers' Bank bldg



"Salina"
 "Lyon"
 "Yough"
 "Canister Rock"

Established 1845 Manufacturers of Pittsburgh, Pa.
 HIGH GRADE FIRE CLAY AND SILICA BRICK

McFeely Brick Co., 1st Natl. Bank bldg
 McLain Fire Brick Co., Fulton bldg
 Mack Mfg. Co., Arrott bldg
 Manown Mfg. Co. (Also Sleeves, Nozzles & Runner, etc, for Open Hearth & Bessemer Steel Works, etc), Oliver bldg
 National Fire Proofing Co., Fulton bldg
 Pittsburgh Clay Product Co., Keenan bldg

Savage Mountain Fire Brick Co., 2nd National Bank bldg
Standard Firebrick Co., Diamond Bank bldg
Union Mining Co., Oliver bldg
United Fire Brick Co., Arrott bldg
Vanport Brick Co., Farmers Bk bldg
West Virginia Fire Clay Mfg. Co., Diamond Bank bldg

READING—Fox E. S. & Co.

Reading Fire Brick Works

RENOVA—West Branch Fire Brick Co.

ROBINSON—Garfield Fire Clay Co. (Also Sleeves, Nozzles & Runner, etc, for Open Hearth & Bessemer Steel Works, etc)

ROYERSFORD—Rogers & Co.

Thomas, Buckwalter & Co.

ST. MARYS—Elk Fire Brick Co.

SALINA—Kier Firebrick Co.

SHARON—Sharon Fire Brick Co.

SNOW SHOE—Snow Shoe Fire Brick Co.

SOUTH FORK—South Fork Fire Brick Co.

UNIONTOWN—United Fire Brick Co.

WILLIAMS—Savage Fire Brick Co.

WILLIAMSPORT—Burns Fire Brick Co.

YORK—Barnitz Geo. A.

SOUTH CAROLINA.

KILLIAN—Killian Fire Brick Corp.

TENNESSEE.

CHATTANOOGA—Chattanooga Sewer Pipe & Fire Brick Co.

Southern Clay Mfg. Co.

Walsh & Weidner Boiler Co.

TEXAS.

ATHENS—Athens Brick & Tile Co.

ELMENDORF—Star Clay Products Co.

UTAH.

OGDEN—Ogden Sewer Pipe & Clay Co.

VERMONT.

RUTLAND—Rutland Fire Clay Co. ("Rutland")

WASHINGTON.

SEATTLE—Denny-Renton Clay & Coal Co.

SPOKANE—American Fire Brick Co.

Washington Brick, Lime & Sewer Pipe Co.

WEST VIRGINIA.

CLARKSBURG—Thornton Fire Brick Co.

FAIRMONT—Hammond Fire Brick Co.

NEW CUMBERLAND—Acme Fire Clay Works

Claymont Brick Works

Freeman Fire Brick Co.

Mack Mfg. Co.

THORNTON—Thornton Fire Brick Co.

1426—Brick (Fire Flashed)

Claycraft Brick Co. ("Raglan") Columbus, O.

Federal Clay Product Co., Mineral City, O.
Golden Fairview Pressed Brick & Fireclay Co., 1800 14th, Denver, Col.

Hydraulic-Press Brick Co. ("Hy-Tex"), St. Louis, Mo.

Ironclay Brick Co., Columbus, O.

Progress Press Brick & Machine Co., King's Highway nr Arsenal, St. Louis, Mo.

Sayre & Fisher Co., 261 Broadway, N. Y.
Works Sayreville, N. J.

1427—*Brick (Forging Furnace)

Thomas Moulding Brick Co., 133 W Washington. See adv index at end of book

1428—*Brick (Foundry)

Thomas Moulding Brick Co., 133 W Washington. See adv index at end of book

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL REGISTER

1429—Brick (Front)

Firms indicated by a dagger (†) in front of their name manufacture both Standard & Roman sizes.

Manufacturers of Ornamental shapes are indicated thus (Also Ornamental) between their name and address.

CONSULT INDEX OF CONTENTS FOR OTHER BRICK & CLAY PRODUCTS

ALABAMA.

BIRMINGHAM—Copeland - Inglis Shale Brick Co.

ARIZONA.

TUCSON—Tucson Pressed Brick Co.

ARKANSAS.

MALVERN—Clark Pressed Brick Co.

CALIFORNIA.

LOS ANGELES—California Ornamental Brick Co.

Furlow Pressed Brick Co., 3001 San Pedro

†Los Angeles Pressed Brick Co. (All Shapes & Colors)

MODESTO—Modesto Repressed Brick Co.

NILES—Cal. Pressed Brick Co.

SAN FRANCISCO—Carnegie Brick & Pottery Co., Rialto bldg

Clark N. & Sons, 116 Natoma

†Gladding, McBean & Co. (Buff & Ornamental), Crocker bldg

Pratt Building Material Co., Hearst bldg

Steiger Terre Cotta & Pottery Works, Mills bldg

United Materials Co. (Ornamental), 618 Mission

STOCKTON—San Joaquin Brick Co.

COLORADO.

BOULDER—Boulder Pressed Brick & Lumber Co.

DENVER—Colfax Pressed Brick Co.

Denver Pressed Brick Co. (Standard & Ornamental)

Denver Sewer Pipe & Clay Co.

PUEBLO—Standard Fire Brick Co.

Summit Pressed Brick & Tile Co.

CONNECTICUT.

BERLIN—Merwin C. P. Brick Co.

HARTFORD—Hartford Faience Co. (Enameled)

NEW HAVEN—Davis Wm. E. & Co. Howard Co.

Montowese Brick Co.

Stiles I. L. & Son Brick Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Virginia Brick Co., Colorado bldg

Walker W. T. Brick Co., Corcoran bldg

Washington Brick & Terra Cotta Co., 911 H N W

West Bros. Brick Co., National Savings & Trust bldg

FLORIDA.

TALLAHASSEE—Tallahassee Pressed Brick Co.

GEORGIA.

GRIFFIN—Griffin Press Brick Co.

MACON—Standard Brick Co. ("Cravenette," Impervious, etc)

Stevens H. Sons Co.

MILLEDGEVILLE—Oconee Brick & Tile Co.

ROME—Trammell & Son (Mottled Colors)

SAVANNAH—Savannah Brick Co.

ILLINOIS.

ALTON—Alton Brick Co.

BELLEVIEW—Belleville Brick & Tile Co. (Red, Pressed & Ornamental)

BLOOMINGTON—Bloomington Pressed Brick Co.

CHICAGO—Bach Brick Co., 2647 Montrose av

Chicago Brick Co., 38 S Dearborn

Dee W. E. Co., 30 N La Salle

Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Chamber of Commerce bldg

Illinois Brick Co., 111 W Wash.

Kimbrell S. S. Brick Co., 133 W Washington

National Brick Co., 118 N La Salle

Sexton Jno. M. L., 1459 Michigan av

COLLINSVILLE—Hydraulic-Press Brick Co. ("Hy-tex" Works)

DANVILLE—Western Brick Co. (Red & Brown Wire Cut, Colonial Brick)

DECATUR—Ammann & Co.

EDWARDSVILLE—Richards Brick Co.

HAMPSHIRE—Backus & Sholes

LA SALLE—†La Salle Pressed Brick Co. (Buff, Red, etc)

MASCOUTAH—National Pressed Brick Co.

NASHVILLE—Nashville Press Brick Co.

OLNEY—Olney Paving Brick & Tile Mfg. Co.

QUINCY—Gem City Press Brick Co.

STREATOR—Barr Clay Co.

Streator Brick Co.

TROY—Troy Pressed Brick Co.

INDIANA.

ANDERSON—Indiana Brick Co. (Sand Moulder Face)

BRAZIL—Brazil Clay Co. (Buff Iron Spot, etc)

Brazil Face Brick Co.

Hydraulic-Press Brick Co. ("Hy-tex" Works)

BROOK—Brook Terra Cotta, Tile & Brick Co.

CAYUGA—Acme Brick Co. (Impervious Shale Face Brick)

HUNTINGBURG—Huntingburg Dry Press Brick Co.

INDIANAPOLIS—

Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Board of Trade bldg

NEW ALBANY—Goetz Pressed Brick Co. (Red & Colors)

PORTER—Hydraulic-Press Brick Co. ("Hy-tex" Works)

IOWA.

BOONE—Boone Brick, Tile & Paving Co. (Vitrified)

DAVENPORT—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)

DES MOINES—Des Moines Clay Co.

Enamel Concrete Brick Co.

Maine James & Sons Co. (Sand Mold)

GLADBROOK—Gethmann Brick Co.

LEHIGH—Campbell James

Lehigh Clay Products Co.

MASON CITY—American Brick & Tile Co. Mason City Clay Works

MONTICELLO—Dautremont Frank

VAN METER—Platt Pressed & Fire Brick Co.

KANSAS.

BUFFALO—Buffalo Brick Co.

BUFFVILLE—Kansas Buff Brick & Mfg. Co.

CHANUTE—Kansas Vitrified Brick Co.

CERRYVALE—Federal Betterment Co.

COFFEYVILLE—Coffeyville Shale Products Co.

Coffeyville Vitrified Brick & Tile Co.

IOLA—Iola Brick Co. (Repressed, etc)

TOPEKA—Capital City Vitrified Brick & Paving Co.

KENTUCKY.

COVINGTON—Busse Brick Co.

FULTON—Bransford G. H. & Son

LEXINGTON—Lexington Brick Co.

LOUISVILLE—Southern Brick & Tile Co.

MAYSVILLE—Sphar Brick Co.

NEWPORT—Newport Pressed Brick & Stone Co.

LOUISIANA.

BATON ROUGE—Baton Rouge Brick Yard

NEW ORLEANS—Ford F. Codman, ("Hy-Tex" Agency) (also Ornamental)

738 Union av

Salmen Brick & Lumber Co. (Ltd.) Whit bldg

MAINE.

SACO—Saco Brick Co.

WATERVILLE—Purinton Horace Co.

MARYLAND.

BA LTIMORE—Baltimore Brick Co. (Red) Maryland Trust bldg

Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Title bldg
Independent Brick Co., Maryland Trust bldg
CUMBERLAND—Queen City Brick & Tile Co.
HAGERSTOWN—Hancock Shale Brick Co. (Colonial & Pressed)
ST. MICHAELS—Hope Clifton
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—Fiske & Co. ("Tapestry," "Caledonian," All Colors and Shapes), 25 Arch
Phila. & Boston Face Brick Co. (Light & Red), 155 Milk
IPSWICH—Brown Walter G.
NORTHAMPTON—Bailey W. A.

MICHIGAN.

DETROIT—Clippert Geo. H. & Bro. Brick Co., 161 Virginia pk
Holmes B. F. & Co., Penobscot bldg
Michigan Pressed Brick Co., 480 Lawton
Puritan Brick & Tile Co., Farewell bldg
IONIA—Vander Heyden Fred H.
OXFORD—Michigan Pressed Brick Co.
ZEELAND—Zeeland Brick Co.

MINNESOTA.

CHASKA—Chaska Brick & Tile Co. (Sand Mould Veneers), Ryan bldg
COON CREEK—Hydraulic-Press Brick Co. ("Hy-Tex" Works)
DREBACH—Remp B.
MINNEAPOLIS—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), 211 S Fourth
Wisconsin Red Pressed Brick Co., Lumber Exchange
NEW ULM—Aufderheide Fred
ST. PAUL—Chaska Brick & Tile Co. (Veneer), Ryan bldg
Twin City Brick Co. (Buff, Red & Ornamental), Capital Bank bldg
SHAKOPEE—Schroeder Brick & Lime Co.
SPRINGFIELD—Ochs A. C. Brick & Tile Co.
WARREN—Lundgren Edward
WRENSHALL—Hydraulic-Press Brick Co. ("Hy-tex" Works)

MISSISSIPPI.

BROOKHAVEN — Brookhaven Pressed Brick & Mfg. Co. (All Colors)
YAZOO CITY—Montgomery Land Co.

MISSOURI.

BRUNSWICK—Brunswick Brick & Tile Co.
CAPE GIRARDEAU — Cape Girardeau Press Brick Co.
DIAMOND—Hydraulic-Press Brick Co. ("Hy-tex" Works)
FESTUS—Festus Pressed Brick Co.
JACKSON—Kasten & Schmuke Pressed Brick Co.
KANSAS CITY—Flanagan-Zeller Brick & Mfg. Co.
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Rialto bldg.
Pittsburgh Paving Brick Co. (Red Buff)
LEXINGTON—Lexington Triumph Press Brick Co.
ST. CHARLES—St. Charles Brick Co.
ST. LOUIS—College Hill Press Brick Co., 1400 College av
Continental Brick Co. (Red Pressed), Wright bldg
Enterprise Brick Works Co. (Red Pressed), 915 Olive
Excelsior Press Brick Co, Hanley & Manchester rd
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Central Nat. Bk. bldg. (Home Office & Works, 8 Plans)
Illinois Supply & Construction Co.
†Ittner Anthony Brick Co. (Red & Ornamental), 3412 Market
Missouri Press Brick & Improvement Co., Marine av c Osage
National Pressed Brick Co., 407 N 8th
Progress Press Brick & Machine Co. (All Colors & Shapes), King's Highway, nr Arsenal

St. Louis Press Brick Co.
Superior Press Brick Co., 3190 S King's Highway

MONTANA.

ANACONDA—Anaconda Copper Mining Co.

NEBRASKA.

AVERY—Hydraulic-Press Brick Co. ("Hy-tex" Works)
HASTINGS—Polenske, Schellak & Co.
Pollenske Bro. & Co.
LINCOLN—Yankee Hill Brick Mfg. Co.
OMAHA—Hydraulic-Press Brick Co. ("Hy-tex" also Ornamental), Woodmen of World bldg.
Smith Brick Co.

NEVADA.

RENO—Reno Pressed Brick Co.

NEW HAMPSHIRE.

GONIC—Boston Brick Co.

NEW JERSEY.

HACKENSACK—Hackensack Brick Co.
LITTLE FERRY—Mehrhof Brick Co.
NEWARK—Sayre Jas. R., Jr. & Co., River
OLD BRIDGE—Old Bridge Enameled Brick & Tile Co. (Enameled)
SAYREVILLE—Sayre & Fisher Co.
SOUTH RIVER—Pettit & Co
South River Brick Co.
TRENTON—Applegate Joseph
Donahoe & Nolan

NEW YORK.

ALBANY—Smith, Edw. J.
BUFFALO—Brush Bros. (Buff, Red & Ornamental), Bailey av, nr Erie R. R.
Jewettville Brick Co., Builders Exchange
Lancaster Brick & Tile Co., Builders' Exchange
Lyth A. & Sons Co., 48 W Eagle
Lyth Tile Co., Ellicott sq
Schmidt G. W., 180 Linwood av
JAMESTOWN—Jamestown Shale Paving Brick Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.
NEW YORK—Chestnut Ridge White Brick Co. (Impervious Buff, Cream, White & Pink), 7 W 45th
Fiske & Co. ("Fisklock" "Tapestry," "Caledonian," "Harvard" all Colors & Shapes), 40 W. 32d
Fredenburg & Lounsbury (Mfrs. Agts), 381 4th av, New York
Houghteling E. M. & Co. ("Hy-tex"), 103 Park av
Hydraulic-Press Brick Co., Represented by Fredenburg, Lounsbury & Sayre & Fisher Co. (Various Colors, Plain & Ornamental), 261 B'way

Borough of Richmond.

KREISCHERVILLE — Kreischer Brick Mfg. Co., (Buff, Mottled & Ornamental, All Kinds)
(End of New York City)

OLEAN—Olean Pressed Brick Co.
ROCHESTER—Rochester Composite Brick Co.
Rochester German Brick & Tile Co.
SYRACUSE—Merrick C. H.
Onondaga Vitrified Brick Co.

NORTH CAROLINA.

CHARLOTTE—Charlotte Brick Co.
ELIZABETH CITY—Elizabeth City Brick Co.
POMONA—Pomona Terra Cotta Co.

OHIO.

AKRON—Akron Brick & Tile Co.
Akron Vitrified Clay Mfg. Co.
McCausland Bros.
ALLIANCE—Alliance Brick Co.
ATHENS—Athens Brick Co.
BATAVIA—Clermont Brick Co.
CANTON—Belden Brick Co.

CINCINNATI—Moore-Coney Co., St. Paul bldg
Suer B. & Sons, 1938 Duck Creek rd
Suer Herman & Sons, Marburg av & Hyde Park
CLEVELAND—Barkwill Brick Co., ft E 75th
Cleveland Brick & Clay Co., B. of L. E. bldg
Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), 900 Schofield
Ohio Clay Co. (Hollow & Face Brick), Hippodrome bldg
Valley Shale Brick Co. (Wire Cut)
CLINTON—Belden Brick Co.
COLUMBUS—Claycroft Brick Co. ("Indian Brand" Velour, Red, Brown, Gun Metal & Chocolate)
Columbus Brick & Terra Cotta Co. (Fancy, Buff & Grey Speckled)
Ferris Warren B. Brick Co. ("Mikado")
Hocking Valley Products Co. ("Green-dale Rug")
Ironclay Brick Co. ("Flashed," etc)
COSHOCOTON—Coshocot Brick Co. (Non-Spot, etc)
DELAWARE—Delaware Clay Mfg. Co.
EIFORT—Portsmouth Refractories Co. (See Portsmouth)
HAMILTON—Hamilton Brick Co.
HANOVER—Hanover Red Pressed Brick Co.
LOGAN—Logan Clay Product Co. ("Logan," Glazed Vitrified)
LOUISVILLE—Louisville Brick & Tile Co.
McARTHUR—McArthur Brick Co. (Red, Buff, Brown, Grey, etc)
MARIETTA—Acme Brick Co.
Cisler Thos. & Co.
MASSILLON—Everhard Co.
Massillon Brick Co.
MIDDLETOWN—Smith Wm. & Co. (Buff Only)
MINERAL CITY—Federal Clay Product Co. ("Sparta," Impervious Buff, Mottled, Flashed, Plain or Glazed)
Holden Clay Products Co. (Buff, Mottled, etc)
MOGADORE—Colonial Pressed Brick Co.
NEW LEXINGTON—New Lexington Clay Mfg Co.
NEW STRAITSVILLE—Straitsville Impervious Brick Co.
PORTSMOUTH—Portsmouth Paving Brick Co. (Red)
Portsmouth Refractories Co.
ROSEVILLE—Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
SOUTH PARK — Hydraulic-Press Brick ("Hy-tex," Works)
STEUBENVILLE—Nicholson Brick Co.
STRASBURG—Columbia Fire Brick Co. (Buff)
National Fire Brick Co.
TOLEDO — Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Ohio bldg
TORONTO—Toronto Fire Clay Co. (Buff, Vitrified)
UHRICHSVILLE—Buckeye Fireclay Co.
Evans Clay Mfg. Co.
WADSWORTH—Wadsworth Brick & Tile Co.
WARREN—Warren Brick & Tile Co.

OKLAHOMA.

McALESTER—Choctaw Pressed Brick Co.
MANGUM—Mangum Pressed Brick Co.
SAPULPA—Sapulpa Pressed Brick Co.

PENNSYLVANIA.

ALTOONA—Altoona Brick Co.
AUBURN—Auburn Shale Brick Co. (Red Shale Repressed & "Smyrna" Round Edge Face Brick)
BOSTON—Harper C. M. C.
BRADFORD—Alumina Shale Brick Co. (Red Pressed & Ornamental)
Bradford Pressed Brick Co. (Red Pressed & Ornamental)
Kittanning Clay Products Co.
CHESTER—Fields Brick Co.
CLEARFIELD—Clearfield Clay Working Co.
Clearfield Fire Brick Co.
COWAN — Hydraulic-Press Brick Co. ("Hy-tex" Works)
DARLINGTON—Darlington Brick & Mining Co. (Buff & Red)
DUBOIS — Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental)
FALLS CREEK—Hydraulic-Press Brick Co. ("Hy-tex" Works)
HANOVER—Snyder Edw. H.

KITTANING—Kittaning Brick & Fire Clay Co. (Buff, etc)
KUSHEQUA—Kushequa Brick Co. (Ox-blood, Red, Devonshire & Re-pressed)
LANSDALE—Scholl Bros.
LEHIGHTON—Graver, H. A.
MILL HALL—Mill Hall Brick Wks (Red)
MONESSEN—Monessen Brick Works
MONONGAHELA—Monongahela Clay Mfg. Co.
NEW BRIGHTON—Fallston Fire Clay Co. (Buff, Ornamental, etc)
 Ingram & Co.
NEW GALILEE—Beaver Clay Mfg. Co.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
PATTON—Good Geo. S. Fire Brick Co. Patton Clay Mfg. Co.
PHILADELPHIA—Equitable Brick Mfg. Co., Perry bldg
 Hamburg Vitri-fied Brick Co., 20th & Sedgley
 Hydraulic-Press Brick Co. ("Hy-tex," also Ornamental), Real Estate Trust bldg
 †Jarden Brick Co. (Red & Ornamental), Land Title bldg
 Ketcham O. W., 24 S 7th
 Mack Mfg. Co., Lincoln bldg
PITTSBURGH—Fallston Fire Clay Co. (Buff, Ornamental, etc), Oliver bldg
 Gloninger & Co., Arrott bldg
 Kittaning Brick & Fire Clay Co. ("Kittaning," Buff, Grey & Mottled, Standard & Roman Shapes), Empire bldg
 Mack Mfg. Co., Arrott bldg
 Martin Brick Co., Empire bldg
 Star Works, 22nd & Railroad
 United States Sewer Pipe Co.
 Vanport Brick Co., Farmers Bank bldg
 Walker, Hay Brick Co., Farmers Bank bldg
 Westmoreland Brick Co. (Buff), 2nd National Bank bldg
 Yingling Martin Brick Co. (Art Brick)
READING—Moyer & Co.
 Reading Shale Brick Co.
RIDGWAY—Ridgway Brick Co. (Red, etc)
ST. MARY'S—Elk Brick Co.
SCHUYLKILL HAVEN—Schuylkill Pressed Brick Co.
SHAMOKIN—Union Brick Co. (Buff & Red)
UNIONTOWN—United Fire Brick Co. (Buff, etc)
 Williams J. V.

SOUTH CAROLINA.

SUMMERVILLE—Summerville Brick Co.
SUMTER—Sumter Brick Works

SOUTH DAKOTA.

SIOUX FALLS—Sioux Falls Pressed Brick Co.

TENNESSEE.

CHATTANOOGA — Chattanooga River Brick Co.
 Key-James Brick Co. (All Colors), Chattanooga, Tenn.
 Southern Clay Mfg. Co.
DYERSBURG—Nichols J. M.
JOHNSON CITY—Kingsport Brick Corp.
MEMPHIS—South Memphis Brick Co. (Red)
NASHVILLE—Bush Building Co.
 Fulcher Brick Co.

TEXAS.

ATHENS—Coleman Chas. H.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
DALLAS—Atlas Press Brick Works
EL PASO—El Paso Brick Co.
FERRIS—Ferris Pressed Brick Co.
 Lone Star Pressed Brick Co.
FORT WORTH—Acme Brick Co.
GAINESVILLE—Gainesville Brick Co.
HOUSTON—Butler Brick Works

UTAH.

PROVO—Provo Pressed Brick Co.
SALT LAKE CITY—Salt Lake Pressed Brick Co.

VIRGINIA.

NORFOLK—Lawrenceville Brick & Tile Co.
 Nansemond River Brick & Tile Co.
RICHMOND—Burroughs & Mankin
WATERLOO—Hydraulic-Press Brick Co. ("Hy-tex" Works)

WASHINGTON.

SEATTLE—Abrahamson A. Brick Co.
 Denny-Renton Clay & Coal Co. (Plain & Ornamental)
 Harper-Hill Brick Co.
SPOKANE—American Fire Brick Co. (Mica Dry Pressed Brick Yards)
 Washington Brick, Lime & Sewer Pipe Co. (White & Cream Face Brick & Re-pressed Brick)
WALLA WALLA—Walla Walla Brick & Tile Co.

WEST VIRGINIA.

ELKINS—Elkins Brick Co.
HURRICANE—McCallister W. H.
NEW CUMBERLAND—Mack Mfg. Co. (Vitri-fied)

WISCONSIN.

BARRON—Barron Red Pressed Brick Co.
JANESVILLE—Freese Bros.
JEFFERSON—Jefferson Brick & Tile Mfg. Co.
MILWAUKEE—Standard Brick Co., 496 Clement av
RACINE—Hilker Bros. Brick Mfg. Co.
STEVENS POINT—Langenberg Wm. E.

1430-1-2—*Brick (Furnace Arch & Roof)

McLeod & Henry Co., 360 1st, Troy, N. Y.
 Thomas Moulding Brick Co., 133 W Washington. *See adv index at end of book*

1433-4—Brick (Glass Furnace & Tank)

American Refractories Co., 208 So La Salle, Chicago, Ill.
 Ashland Fire Brick Co., Ashland, Ky.
 Bickford Fire Brick Co., Curwensville, Pa.
 Gill Clay Pot Co., Muncie, Ind.
 Glass Brick Co., 421 Walnut, Cincinnati, O.
 Harbison-Walker Refractories Co. (Silica), Farmers' Bank bldg, Pittsburgh, Pa.
 Kier Fire Brick Co., Oliver, Pittsburgh, Pa.
See adv index at end of book
 Portsmouth Refractories Co., Portsmouth, Ohio
 Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
 Walsh Fire Clay Products Co., 4070 No Main, St. Louis, Mo.

1435-6— Brick (Glazed)

American Enameled Brick & Tile Co., 52 Vanderbilt av, New York
 Carnegie Brick & Pottery Co., Rialto bldg, San Francisco, Cal.
 Federal Clay Product Co., Mineral City, O.
 Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
 Golden Fairview Pressed Brick & Fire-clay Co., 1800 14th, Denver, Colo.
 Hydraulic-Press Brick Co. ("Hy-Tex"), Board of Trade bldg, Indianapolis, Ind.
 Logan Clay Products Co. (Vitri-fied, En-caustic & Rock Faced), Logan, O.
 Markley Geo. J., Mineral City, O.

1437—*Brick (Heating Furnace)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1438-9— Brick (Hollow)

Akron Brick & Tile Co. (Shale), Akron, O.
 American Brick & Tile Co., Mason City, Ia.
 Brazil Clay Co., Brazil, Ind.
 Chaska Brick & Tile Co., Ryan bldg, St. Paul, Minn.
 Denver Sewer Pipe & Clay Co., Denver, Col.
 Diamond Brick Co., Oak Hill, O.
 Far West Clay Co., Tacoma, Wash.
 Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.

Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
 Golden Fairview Pressed Brick & Fire-clay Co., 1800 14th, Denver, Col.
 Hanover Brick Co., Morristown, N. J.
 Hydraulic-Press Brick Co., St. Louis, Mo.
 Klein C. H. Brick Co., Chaska, Minn.
 Lancaster Brick & Tile Co., Builders' Exchange, Buffalo, N. Y.
 McCutcheon C. H., Lancaster, N. Y.
 McEwing & Thomas Clay Products Co., Fullerton bldg, St. Louis, Mo.
 Mason City Brick & Tile Co., Mason City, Iowa
 Mason City Clay Works, Mason City, Ia.
 Maurer Henry & Son, 420 E 23d, New York
 Merrick C. H., Syracuse, N. Y.
 Merwin C. P. Brick Co., Berlin, Conn.
 Millersburg Brick & Tile Co., Millersburg, Ohio
 National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
 Ochs A. C. Brick & Tile Co., Springfield, Minn.
 Onondaga Vitri-fied Brick Co., Syracuse, N. Y.
 Parker-Russell Mining & Mfg. Co., 722 Chester, St. Louis, Mo.
 Penna Fire Proofing Co., Erie, Pa.
 Portage Silica Co., Youngstown, O.
 Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
 Sayre & Fisher Co., 261 B'way, New York
 Sioux City Brick & Tile Co., Sioux City, Iowa
 Standard Brick Co., Macon, Ga.
 Troy Fireproofing Co., Troy, N. Y.
 Whitacre Fire Proofing Co., Waynesburg, Ohio

1440— *Brick (Ladle)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1441—*Brick (Lead Softening Furnace)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1442— Brick (Lime Kiln)

American Refractories Co., 208 S La Salle, Chicago, Ill.
 Ashland Fire Brick Co., Ashland, Ky.
 Bickford Fire Brick Co., Curwensville, Pa.
 Brighton Fire Brick Co., New Brighton Pa.
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
 Maurer Henry & Son, 420 E 23d, New York
 Portsmouth Refractories Co., Portsmouth, Ohio
 Southern Fire Brick & Clay Co., 133 W Washington, Chicago, Ill.
 Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

Brick (Locomotive Arch)

See Locomotive Tiles

1443— Brick (Magnesia)

American Refractories Co., 208 S La Salle, Chicago, Ill.
 Federal Refractories Co., Cleveland, O.
 General Refractories Co., 111 B'way, New York
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Haws A. J. & Sons (Ltd.), Johnstown, Pa.
 Mount Union Refractories Co., Mount Union, Pa.

1444— Brick (Magnesite)

American Refractories Co., 208 S La Salle, Chicago, Ill.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Federal Refractories Co., Cleveland, O.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Mount Union Refractories Co., Mount Union, Pa.
Phoenix Iron Co. ("Metalcase"), 410 Walnut, Phila., Pa.
Standard Fire Brick Co., Pueblo, Col.
Stowe-Fuller Co., Rockefeller bldg, Cleveland, O

1445—Brick (Malleable Furnace Shapes)

Bickford Fire Brick Co., Curwensville, Pa.
Evans & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
Pennsylvania Fire Brick Co., Beech Creek, Pa.
Portsmouth Refractories Co., Portsmouth, Ohio
Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1446-7—*Brick (Oil Heating Furnace)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1448— Brick (Pompeian)

Firms indicated by a (†) in front of their name manufacture both Standard and Roman sizes

Everhard Co. (Mottled, etc), Massillon, O.
†Fallston Fire Clay Co. (Mottled & Ornamental), Oliver bldg, Pittsburgh, Pa.
Federal Clay Product Co., The (Mottled & Ornamental), Mineral City, O.
Gloninger & Co., Arrott bldg, Pittsburgh, Pa.
Golden Fairview Pressed Brick & Fireclay Co. (Mottled & Ornamental), 1800 14th, Denver, Col.
†Ironclay Brick Co., Columbus, O.
†Jarden Brick Co. (Mottled & Ornamental), Land Title bldg, Phila., Pa.
Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
La Salle Pressed Brick Co., La Salle, Ill.
Powhattan Clay Mfg. Co., Richmond, Va.;
†Progress Press Brick & Machine Co. (Also Ornamental), Kingshighway nr Arsenal, St. Louis, Mo.
United Fire Brick Co., Uniontown, Pa.
Vanport Brick Co. (Standard Shapes Only), Farmers Bank bldg, Pittsburgh, Pa.

1449— Brick (Porcelain)

Sayre & Fisher Co. (Dull Finish, White), 261 B'way, New York
Union Porcelain Works (Lock Arch & Straight), 300 Eckford, Brooklyn, New York

1450— *Brick (Pottery Kiln)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1451-2—*Brick (Puddling Furnace)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1453—*Brick (Regenerator or Checker)

Didier-March Co. ("Didier") Perth Amboy, N. J.
Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

Brick (Rock Faced)

See Steel Brick & Rock Face Siding

1454— *Brick (Rotary Kiln)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

1454a— *Brick (Salt Glazed)

HOCKING VALLEY FIRE CLAY CO., Nelsonville, Ohio

1455— Brick (Sand Lime)

Belt Line Brick Co., Andrus bldg, Minneapolis, Minn.
Brown Stone Store Co., Waltonville, Pa.
Crume Brick Co., Dayton, O.
Menominee Brick Co., Menominee, Mich.
Minneapolis Sand-Lime Brick Co., 307 Kasota, Minneapolis, Minn.
Paragon Plaster Co., Syracuse, N. Y.
Savannah Brick Co., Savannah, Ga.
Sioux Falls Pressed Brick Co., Sioux Falls, S. D.
Sugar Grove Brick Co., Columbus, O.
Wichita Sillex Brick Co., Wichita, Kan.

1456— Brick (Silex)

Wichita Sillex Brick Co., Wichita, Kans.

1457-8— Brick (Silica)

American Refractories Co., 208 S La Salle, Chicago, Ill.
Atkins, Kroll & Co., 311 California, San Francisco, Cal.
Blackfox Brick Co., 111 Market, Pittsburgh, Pa.
Diamond Fire Brick Co., Canon City, Col.
Didier-March Co. ("Didier"), Perth Amboy, N. J.
Everhard Co., Massillon, O.
Federal Refractories Co., Cleveland, O.
General Refractories Co., 111 B'way, New York
Golden Fairview Pressed Brick & Fireclay Co., 1800 14th, Denver, Col.
Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburgh, Pa.
Haws A. J. & Sons, Johnstown, Pa.
Humphreys E. C. Co., Book bldg, Detroit, Mich.
Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Los Angeles Pressed Brick Co., Los Angeles, Cal.
McFeeley Brick Co., 1st Nat'l Bank bldg, Pittsburgh, Pa.
Maurer Henry & Son, 420 E 23d, New York
Mount Union Refractories Co., Mount Union, Pa.
Niles Fire Brick Co., Niles, O.
Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
Perth Amboy Fire Brick Co., 114 Liberty, New York, & Perth Amboy, N. J.
Portsmouth Refractories Co., Portsmouth, O.
Soisson Jos., Fire Brick Co., Connellsville, Pa.
Standard Fire Brick Co., Pueblo, Col.
Stowe-Fuller Co., Rockefeller bldg, Cleveland, O.
Tift Silica Brick & Stone Co., Tifton, Ga.
United Fire Brick Co., Uniontown, Pa.
Washington Silicate Brick Co., Colorado bldg, Wash., D. C.

1459-60—*Brick (Soaking Pit)

Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book

Brick (Stove Lining)

See Stove Linings

1461-2-3— Brick (Talc)

Cohutta Talc Co., Dalton, Ga.

1464— Brick (Velvet)

Claycraft Brick Co., Columbus, O.
Ferris Warren B. Brick Co. (& Plaid Nap), Columbus, O.

1465— Brick (Velvet-Nap)

Ferris Warren B. Brick Co., Columbus, O.

1466—Brick (Vitrified Paving)

Firms Indicated by a (*) Star, also Manufacture Paving Blocks

ALABAMA.

BIRMINGHAM — Copeland-Ingalls Shale Brick Co.
Graves Shale Paving Brick Co.

COALDALE—*Southern Clay Mfg. Co (See Chattanooga, Tenn.)

ARKANSAS.

FORT SMITH—*Burke Brick Co.
LITTLE ROCK—*Arkansas Brick & Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Pressed Brick Co.
SAN FRANCISCO—Atlas Paving Brick Co., Hollister & Griffith
Clark N. & Son, 116 Natoma

COLORADO.

DENVER—Denver Sewer Pipe & Clay Co.

GEORGIA.

AUGUSTA—Georgia Vitrified Brick & Clay Co.
Hankinson & Hagler
MACON—Ragland Brick Co.

ILLINOIS.

ABINGTON—Abington Paving Brick & Tile Co.
ALBION—*Albion Vitrified Brick Co.
ALTON—Alton Brick Co.
CHAMPAIGN—Sheldon Brick & Building Supply Co.
CHICAGO—Dee Wm. E. Co., 30 N La Salle
Garden City Sand Co., Chamber of Commerce bldg
Thomas Moulding Brick Co., 133 W Washington.
See adv index at end of book
DANVILLE—*Danville Brick Co.
EDWARDSVILLE—Banner Clay Works
GALESBURG—*Purinton Paving Brick Co.
LODA—Loda Brick & Tile Works
MURPHYSBORO — Murphysboro Paving Brick Co.
OLNEY—Olney Paving Brick & Tile Mfg. Co.
SPRINGFIELD—Springfield Paving Brick Co.
STREATOR—*Barr Clay Co.
Streator Clay Mfg. Co.
*Streator Paving Brick Co. (Side Cut, Repressed, etc)

INDIANA.

ATTICA—*Poston Clarence E.
BLOOMFIELD—*Bloomfield Brick Co.
CLINTON—*Clinton Paving Brick Co.
CRAWFORDSVILLE — *Poston Paving Brick Co.
MARTINSVILLE—*Martinsville Brick Co.
MEDORA—Medora Shale Brick Co.
MONTEZUMA—Marion Brick Works
TERRE HAUTE—Terre Haute Vitrified Brick Co.

IOWA.

BOONE—*Boone Brick, Tile & Paving Co.
DES MOINES—Barber Asphalt Paving Co.
Des Moines Brick & Tile Co.
*Flint Brick Co.
Iowa Pipe & Tile Co.
GLADBROOK—Gethmann Brick Co.
MASON CITY—Mason City Clay Works
SIOUX CITY—Sioux City Brick & Tile Co.

KANSAS.

ATCHISON—Atchison Paving Brick Co.
BUFFALO—Buffalo Brick Co.
COFFEYVILLE—Coffeyville Shale Products Co.
Coffeyville Vitrified Brick & Tile Co.
Standard Vitrified Brick Co.
IOLA—Iola Brick Co.
Union Brick Co. (Repressed, etc)
LAWRENCE—Lawrence Vitrified Brick & Tile Co.
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
PITTSBURGH—*Pittsburgh Paving Brick Co. (See Kansas City, Mo.)
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co.
WICHITA—Wichita Sillex Brick Co.

KENTUCKY.

LOUISVILLE—*Bannon P. Pipe Co.
PADUCAH—Katterjohn Brick Co.

LOUISIANA.

NEW ORLEANS—Salmen Brick & Lum-
ber Co., Ltd., Whit bldg

MARYLAND.

BALTIMORE—Westport Paving Brick Co.,
Westport
CUMBERLAND—*Queen City Brick &
Tile Co.

MICHIGAN.

DETROIT—Little Chas. H. Co., Dock
River Rouge
Puritan Brick & Tile Co., Farewell
bldg
SAGINAW—*Saginaw Paving Brick Co.

MINNESOTA.

COON CREEK — Hydraulic-Press Brick
Co. ("Hy-tex" Works)
MINNEAPOLIS — Hydraulic-Press Brick
Co. ("Hy-tex"), 211 S 4th
Minneapolis Paving Brick Co.

MISSOURI.

DIAMOND — Hydraulic-Press Brick Co.
("Hy-tex" Works)
KANSAS CITY — Hydraulic-Press Brick
Co. ("Hy-tex"), Rialto bldg
Pittsburg Paving Brick Co.
ST. LOUIS—Alton Brick Co., Chemical
bldg
Hydraulic-Press Brick Co. ("Hy-tex")
Ittner Anthony Brick Co., 3412 Mar-
ket

MONTANA.

HELENA—*Western Clay Mfg. Co.

NEW JERSEY.

MORRISTOWN—Hanover Brick Co.
SOUTH RIVER—Pettit & Co

NEW YORK.

BINGHAMTON — *Binghamton Paving
Block Co.
CORNING—*Brick, Terra Cotta & Tile Co.
JAMESTOWN—*Jamestown Shale Paving
Brick Co.
MECHANICSVILLE—Cary Brick Co.
Champlain Brick Co.
OLEAN—*Sterling Brick Co.

NORTH CAROLINA.

ELIZABETH CITY—Elizabeth City Brick
Co.

NORTH DAKOTA.

DICKINSON—Dickinson Fire & Press
Brick Co.
GRAND FORKS—Red River Valley Brick
Corp.

OHIO.

AKRON—Akron Vitrified Clay Mfg. Co.
American Sewer Pipe Co.
Windsor Brick Co.
ALLIANCE—*Alliance Brick Co.
Alliance Clay Product Co.
ASHTABULA—Ashtabula Shale Brick Co.
ATHENS—Athens Brick Co.
CANTON—Big Four Clay Co.
*Metropolitan Paving Brick Co. (Daily
Capacity, 300,000)
CINCINNATI—Harris Brick Co.
CLEVELAND—*Cleveland Brick & Clay
Co., B of L E bldg
*Medal Paving Brick Co., Sweetland
bldg
Newburgh Brick & Clay Co., Engineers
bldg
Standard Brick Co., Valley rd
*Valley Shale Brick Co.
COLUMBUS—Hocking Valley Brick Co.
CONNEAUT—*Dunn Wire-Cut-Lug Brick
Co. (Wire-Cut-Lug)
United Brick Co.
GLENWOOD—*Noble Brick Co.

LISBON—Excelsior Fire Clay Co.
LOGAN—*Logan Clay Product Co.
LOUISVILLE—Louisville Brick & Tile Co.
MARIETTA—Cisler Thomas & Co.
MASSILLON—*Massillon Brick Co.
*Massillon Stone & Fire Brick Co.
MIDDLEPORT—*Middleport Brick Co.
MINERAL CITY—Federal Clay Product Co.
MOGADORE—Granite Clay Co.
NELSONVILLE—*Nelsonville Brick Co.
(Annual Capacity, 12,000,000)
NEW COMERSTOWN—Novelty Brick &
Coal Co.
NORTH INDUSTRY—Starkey Jno.
PORTSMOUTH—Carlyle Paving Brick Co.
*Peebles Paving Brick Co.
Portsmouth Paving Brick Co.
SCIOTOVILLE—Scioto Firebrick Co.
("Union")
TOLEDO—Enamel Vitrified Brick Co.,
1348 Nicholes bldg
TRIMBLE—Trimble Paving Brick Co.
TORONTO—Toronto Fire Clay Co.
UHRICHSVILLE—Advance Fire Clay Co.
Buckeye Fireclay Co.
WICKLIFFE—*Kline Jno. Brick Co.
("Buckeye," Capacity, 5,000,000)
WOOSTER—Wooster Shale Brick Co.
YOUNGSTOWN—*Bessemer Limestone Co.
ZANESVILLE—Harris Brick Co.

OKLAHOMA.

BARTLESVILLE — *Bartlesville Vitrified
Brick Co.
ENID—Enid Vitrified Brick & Tile Co.
MUSKOGEE—Muskogee Vitrified Brick Co.
PAWHUSKA—*Pawhuska Vitrified Brick
& Tile Co.
TULSA—Tulsa Vitrified Brick & Tile Co.

PENNSYLVANIA.

AUBURN—*Auburn Shale Brick Co.
BRADFORD—*Tuna Valley Pressed Brick
Co.
BRIDGEVILLE—Mayer C. P. Brick Co.
CLEARFIELD—*Clearfield Clay Working
Co.
*Clearfield Brick Mfg. Co.
*Paterson Clay Products Co.
CONNELLSVILLE—Solsson Jos. Fire Brick
Co.
CORY—Corry Brick & Tile Co.
DUBOIS—Dubois Clay Mfg. Co.
FREEPORT—Freeport Clay Products &
Mineral Co.
GREENSBURG—United Brick Co.
HAMBURG—Hamburg Vitrified Brick Co.
JOHNSTOWN—Haws A. J. & Sons
KITTANNING—Kittanning Brick & Fire
Clay Co.
Kittanning Clay Mfg. Co.
KUSHEQUA—*Kushequa Brick Co.
LATROBE—*Latrobe Brick Co.
LOCK HAVEN—Queen's Run Fire Brick
Co.
McKEESPORT—*Layton Fire Clay Co.
MEYERSDALE—*Savage Fire Brick Co.
NEW BRIGHTON—Fallston Fire Clay Co.
Smith A. F. Co.
OSCEOLA MILLS—Osceola Silica & Fire
Brick Co.
PATTON—Good Geo. S. Fire Brick Co.
Patton Clay Mfg. Co.
PHILADELPHIA — Hamburg Vitrified
Brick Co., 20th & Sedgley.
Works: Hamburg, Pa.
McAvoy Vitrified Brick Co., 1345 Arch
*Mack Mfg. Co., Lincoln bldg
PITTSBURGH—Fallston Fire Clay Co.,
Oliver bldg
*Mack Mfg. Co., Arrott bldg
Manown Mfg. Co., Oliver bldg
Mayer C. P. Brick Co., Washington
& State
Penna Clay Co., 421 Wood
Savage Fire Brick Co., Park bldg
Standard Fire Brick Co., Diamond
Bank bldg
United States Sewer Pipe Co., Frick
bldg
West Virginia Fire Clay Mfg. Co.,
Diamond Bank bldg
READING—*Glen-Gery Shale Brick Co.
Reading Shale Brick Co.
REYNOLDSVILLE—*Reynoldsville Brick
& Tile Co.
SCRANTON—*Stipp Peter & Sons
SHARON—*Sharon Clay Products Co.
WATSONTOWN—*Watsontown Brick Co.
WAYNESBORO—*Waynesboro Brick &
Supply Co.

SOUTH CAROLINA.

KILLIAN—Killian Fire Brick Corp.

TENNESSEE.

CHATTANOOGA—Southern Clay Mfg. Co.
KNOXVILLE—Knoxville Brick Co.

TEXAS.

ATHENS—Athens Brick & Tile Co.
AUSTIN—Butler Brick Works
SAN ANTONIA—Mackey Brick & Tile
Mfg. Co.
THURBER—Texas & Pacific Coal Co.

UTAH.

SALT LAKE CITY—*Salt Lake Pressed
Brick Co.

WASHINGTON.

SEATTLE—Denny-Renton Clay & Coal Co.
Seattle Brick & Tile Co.
SPOKANE—American Fire Brick Co.
*Washington Brick, Lime & Sewer
Pipe Co.

WEST VIRGINIA.

CLARKSBURG—Thornton Fire Brick Co.
FAIRMOUNT—Hammond Fire Brick Co.
NEW CUMBERLAND—Acme Fire Clay
Works
*Mack Mfg. Co.

WISCONSIN.

MILWAUKEE—Burnham Bros. Brick Co.,
50th & State

1467—*Brick (Welding Furnace)

Thomas Moulding Brick Co., 133 W Wash-
ington, Chicago, Ill.
See adv index at end of book

1468— Brick (White)

Chestnut Ridge White Brick Co., 7 W
45th, New York
Fiske & Co. (Also Ornamental), 25 Arch,
Boston, Mass.
Hydraulic-Press Brick Co. ("Hy-Namel"),
St. Louis, Mo.
Los Angeles Pressed Brick Co. (Also Or-
namental), Los Angeles, Cal.
Sayre & Fisher Co. (Also Ornamental), 261
B'way, New York

1469— Brick (Wire-Cut Lug)

Alton Brick Co., Alton, Ill.
Bradford Pressed Brick Co., Bradford, Pa.
Clinton Paving Brick Co., Clinton, Ind.
Corry Brick & Tile Co., Corry, Pa.
Danville Brick Co., Danville, Ill.
Dunn Wire-Cut Lug Brick Co. (Patentees),
Conneaut, O.
Kushequa Brick Co., Kushequa, Pa.
Medal Paving Brick Co., Sweetland bldg,
Cleveland, O.
Patterson Clay Products Co., Clearfield,
Pa.
Reynoldsville Brick & Tile Co., Reynolds-
ville, Pa.
Southern Clay Mfg. Co., Chattanooga,
Tenn.
Sterling Brick Co., Orlean, N. Y.
United Brick Co., Conneaut, O.
U. S. Sewer Pipe Co., Frick bldg, Pitts-
burgh, Pa.

Bricklayers

See Contractors, Building & General

Bridge Builders (Steel)

See firms designated with a Star () un-
der Steel Structural Work*

1470— *Bridge Caissons

See also Caissons, Sheet Iron
SCAIFE WM. B. & SONS CO., First Na-
tional Bank bldg, Pittsburgh, Pa., &
26 Cortlandt, New York
See adv index at end of book

1471— Bridge Foundations

See also Caisson Foundations
Blodgett Construct'n Co., Kansas City, Mo.
Blome Sinck Co., 139 N Clark, Chicago,
Ill.
Cowing Bros. Crosby & Nickle Plate R R,
Collinswood, Cleveland, O
Cranford Paving Co., 2620 E N W, Wash-
ington, D. C.

Cullen-Friestedt Co., 7 S Dearborn, Chicago, Ill.
 Fath Construction Co., 4403 Perkins av, Cleveland, O.
 Foundation Co. (Engineers & Contractors, Pneumatic, etc), 233 B'way, New York
 Godwin Const. Co., 251 4th av, New York
 McMullen Arthur Co., 149 B'way, New York
 McMurry J. W. Contracting Co., Sharp bldg, Kansas City, Mo.
 Midland Bridge Co., Midland bridge, Kansas City, Mo.
 Masters & Mullen Construction Co., Rose bldg, Cleveland, O.
 Neuchatel Asphalte Co. (Concrete), 79 Tompkins, New York
 O'Rourke Engineering Construction Co., 17 Battery pl, New York
 Raymond Concrete Pile Co., 140 Cedar, New York
 Rodgers J. C., 271 W 125th, New York
 Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
 Simplex Foundation Co., 3400 Disston, Phila., Pa.
 Spearin & Preston, 90 West, New York
 Sutter Jno. H., 30 N La Salle, Chicago, Ill.
 Syracuse Bridge Co. (Concrete, etc), Syracuse, N. Y.

1472-3— Bridge Railings

Albree Chester B. Iron Works Co., 120 Metropolitan, Pittsburgh, Pa.
 Atlanta Wire & Iron Works Co., Atlanta, Ga.
 Bayley Wm. Co., Springfield, O.
 Belmont Iron Works, 22d & Washington av, Philadelphia, Pa.
 Braun J. G., 609 S Paulina, Chicago, Ill.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Clepp Geo. B., 3717 Filbert, Philadelphia, Pa.
 Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
 Hallman Oliver F., Mont Clare, Pa.
 Huntington Iron Works, Huntington, W. Va.
 International Steel & Iron Co., Evansville, Ind.
 Massillon Bridge & Structural Co., Massillon, O.
 Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Milliken Bros., 111 Broadway, New York
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Republic Structural Iron Wks. Co., E 53d & Lakeside av, Cleveland, O.
 Roanoke Iron Works, Roanoke, Va.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
 Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

Bridge Timbers (Creosoted)

See Creosoting Works

1474— Bridges (Bascule)

American Bridge Co. (Rolling Lift), Pittsburgh, Pa., & 30 Church, New York
 Canton Bridge Co., Canton, O.
 Case Crane & Engng. Co., Columbus, O.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 King Bridge Co., ft E 69th, Cleveland, O.
 Lackawanna Bridge Co., Buffalo, N. Y.
 McClintic-Marshall Construction Co., Oliver bldg, Pittsburgh, Pa.
 Milliken Bros., 111 Broadway, New York
 Penn Bridge Co., Beaver Falls, Pa.
 Scherzer Rolling Lift Bridge Co. (Rolling Lift), Monadnock blk, Chicago, Ill.
 Strauss, Bascule Bridge Co., 104 S Michigan av, Chicago, Ill.
 Strobel Steel Construction Co. ("Rail" Bascule), Monadnock blk, Chicago, Ill.
 Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
 Wisconsin Bridge & Iron Co., North Milwaukee, Wis.

1475— Bridges (Catenary)

Archibold-Brady Co. (For Electric Railways,) Syracuse, N. Y.

1476-7—*Bridges Coal & Ore Handling

See also Coal Storage Plant Construction
 American Bridge Co., 30 Church, New York
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
HAYWARD CO., THE, 50 Church, New York
See adv index at end of book
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park Row, New York
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

Bridges (Rolling Lift)

See Bridges, Bascule

Bridges (Steel, Designers & Erectors)

See Firms in Steel Structural Work, marked with a (*) Star

1478— Bridges (Steel Girder)

See also Firms in Steel Structural Work, indicated by a (*) Star
 American Bridge Co, 30 Church, New York
 Case Crane & Engng Co., Columbus, O.
 Central States Bridge Co., 601 Beecher, Indianapolis, Ind.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Good Roads Machinery Co (With Gas Pipe Railings), Kennett Square, Pa.
 Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.
 International Steel & Iron Co., Evansville, Ind.
 King Bridge Co, ft E 69th, Cleveland, O.
 Kratzer W. N. & Co., 3212 Smallman, Pittsburgh, Pa.
 Lackawanna Bridge Co., Buffalo, N. Y.
 Lucius Engineering Co., Hartje Bldg., Pittsburgh, Pa.
 McClintic-Marshall Construction Company, Oliver bldg, Pittsburgh, Pa.
 Massillon Bridge & Structural Co., Massillon, Ohio
 Milliken Bros., 111 Broadway, New York
 Missouri Valley Bridge & Iron Co., Leavenworth, Kans.
 Mitchell-Tappen Co., 50 Broad, New York
PITTSBURGH-DES MOINES STEEL CO. (Steel Girders), 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa.
See adv index at end of book
 Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
 Wisconsin Bridge & Iron Co., North Milwaukee, Wis.
 Worden-Allen Co., P O Box 528, Milwaukee, Wis.

Brimstone

See Sulphur & Brimstone

1479— Bristles

Abeel Addison J., 181 Pearl, New York
 Amerman & Patterson (Imported), 21 State, New York
 Ayres Bridges & Co. (Imp), 79 Wall, New York
 Broverman Morris & Son (Imp), 100 Maiden la, New York
 Caplan S. & Co. (Imp), 80 Pine, New York
 Chesnutt Cooper & Co. (Imp), 100 William, New York
 Cone Fred H. (Importer), 176 Front, New York
 Conheim Herman, 70½ Pine, New York
 Cudahy Packing Co., South Omaha, Neb.
 du Pont E. I. de Nemours & Co. (Special By-Products Division), Wilmington, Del.
 Eaton, Schleich & Woll, 97 Maiden lane, New York

Fearon Brown Co. (Imp), 96 Wall, New York
 Frost & Cundill, Inc. (Imp), 60 Wall, New York
 Hamburger H (Imported), 177 Pearl, New York
 Huesmann & Co. (Importers), 47 Cliff, New York
 Klebansky Wolf, 246 S 3rd, Phila., Pa.
 Lewisohn Importing & Trading Co., 74 5th av, New York
 Norden A. & Co. (Imp), 60 Beaver, New York
 Nositzer Barnet, 307 Pearl, New York
 Polack Co. (Imp), 249 Pearl, New York
 Rosenhirsch H. Co., 10 Goddard, Providence, R. I.
 Schenkler Philip, 1 Burling sl, New York
 Topper & Edelmenn, 525 Stone av, Brooklyn, N. Y.
 VonStade F. W., 73 Beekman, New York
 Wilkens Wm. Co., Frederick av & Wilkens, Baltimore, Md.
 Woll Peter & Sons Mfg. Co., Mascher & Berks, Phila., Pa.
 Zeidman Co., 223 S Desplaines, Chicago, Ill.

1480— Britannia Ware Mfrs.

See also Silverware

International Silver Co., Meriden, Conn.
 Manning, Bowman & Co., Meriden, Conn.
 Pia Peter F., 129 White, New York
 Prisk Wm. M. & Sons Mfg. Co., Yatesville, Conn.

1481— Broaching Machines

See Classification 7886

1482— Broaches (Push)

Spicer Mfg. Co., South Plainfield, N. J.

1483— Broilers

Andrews Wire & Iron Wire Works (Wire), Rockford, Ill.
 Bramhall-Deane Co., 261 W 36th, New York
 Central Stamping Co. ("Puritan"), 172 Fulton, New York
 Dangler Stove Co., 5017 Perkins av, Cleveland, O.
 Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
 Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.
 Haslet Flanagan & Co., 116 N 2nd, Phila., Pa.
 Hutchins-Kilbourne Co. (All Kinds), 895 Niagara, Buffalo, N. Y.
 Lalance & Grosjean Mfg. Co. (Wire), 299 B'way, New York
 Meek Oven Co. ("Meek," Hotel Gas Broiler), Newburyport, Mass.
 Meyers F. J. Mfg. Co. (Wire), Hamilton, Ohio *See adv index at end of book*
 Miller Wm. Range & Furnace Co. (Charcoal, Coke, Sheet Steel), 7th & B'way, Cincinnati, O.
 Morgan Spring Co. (Wire), Worcester, Mass.
 National Enameling & Stamping Co. (Sheet Steel & Wire), 411 5th av, New York
 National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
 Parker Wire Goods Co. (Wire, All Kinds), Worcester, Mass.
 Reliable Stove Co., Cleveland, O.
 Sexton S. B. Stove & Mfg. Co., 500 Block Conway, Baltimore, Md.
 Stover Mfg. Co. (Cast Iron Metal), Freeport, Ill.
 United Steel & Wire Co., Battle Creek, Mich.
 Watkins J. Y. & Son, 16 Catharine, New York
 Wire Goods Co. (Wire), Worcester, Mass.
 Wire Hardware Co. (Wire), 6126 S La Salle, Chicago, Ill.

1484— Broilers (Electric)

American Electrical Heater Co., Detroit, Mich.
 Brick Mfg. Co. (Hotel), 1276 Clybourn av, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Prometheus Electric Co., 511 W 42d, New York
 Simplex Electric-Heating Co. ("Simplex") Cambridge, Mass.

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We undertake and execute, in the finer alloys, metal work of every description, ART, DECORATIVE ARCHITECTURAL, MONUMENTAL, SCULPTURAL AND COLOSSAL, retaining the true spirit of Design by intelligent understanding of its requirements, supported by one of the greatest metal working plants in the world.



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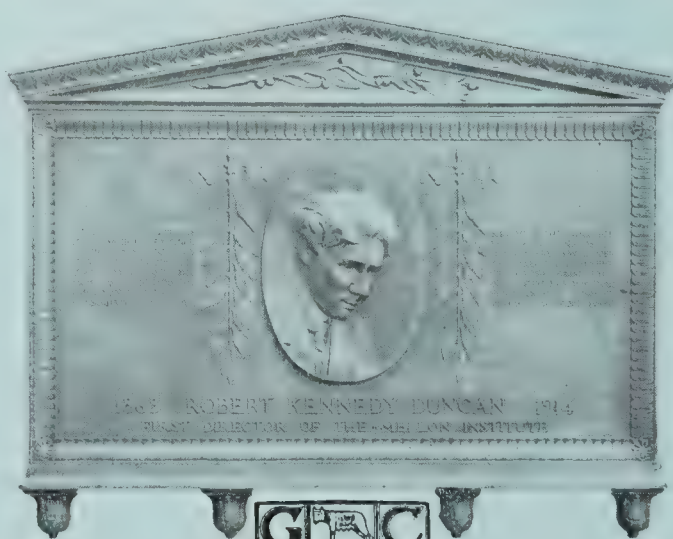
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HENRY BACON, ARCHITECT



BRONZE TRIPOD



BRONZE TABLET. J H GEISEY, ARCHITECT. GEO T BREWSTER, SCULPTOR



BRONZE VASE

THE GORHAM CO. ARCHITECTURAL BRONZE
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WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Broilers (Gas)

See Stoves, Heaters & Ranges, Gas

1485—Bromine

Dickinson J. Q. & Co. ("Kanawha"), Maiden, W. Va.
Dow Chemical Co., Midland, Mich.

1486—Bronze Angles, Channels, Etc.

AMERICAN BRASS CO., Waterbury, Conn.

For branch offices see adv index at end of book

1487—Bronze (Architectural & Ornamental)

American Art Bronze Foundry, 4921 W Lake, Chicago, Ill.
Art Brass & Iron Works, Forest & Ellery, Detroit, Mich.
Art Metal Construction Co., Jamestown, N. Y.

Bayer, Gardner-Himes Co., 101 Park av, N. Y.

Biddle-Gaumer Co., 3846 Lancaster av, Phila., Pa.

Biggin Charles Co., 1829 Harlan, Phila., Pa.

Black & Boyd Mfg. Co., 432 E 23d, New York

Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

See adv index at end of book

Builders Iron Works Co., St. Paul, Minn.

Bureau Bros., 23d & Westmoreland, Phila., Pa.

Burkhardt John, 531 W 55th, New York

Cabaret Paul E. & Co., 126 11th av, New York

California Artistic Metal & Wire Co. (Doors & Railings), 349 7th av, San Francisco, Cal.

Campbell Harry E., Albany, N. Y.

Chippewa Bronze Co., 1469 E 118th, Cleveland, O.

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

Cleveland Art Metal Co., 3620 Superior, Cleveland, O.

Coleman Adelbert E., 336 W 37th, Chicago, Ill.

Columbus Brass Co. (Brass & Bronze Door & Window Guard, etc.), 538 Dublin av, Columbus, O.

See adv index at end of book

Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.

Detroit Mausoleum Equipment Works, Detroit, Mich.

Ellison Brass Mfg. Co., Jamestown, N. Y.
Empire Art Metal Co., Inc., College Point, L. I.

Estey Bros. Co., 270 Union av, Brooklyn, N. Y.

Federal Brass & Bronze Co., Ridge, Astoria, Borough of Queens, N. Y.

Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.

GORHAM CO. ARCH'L BRONZE (Bank Work a Specialty), 5th av & 36th, New York; Works: Providence, R. I.

See adv index at end of book

Guerin P. E. (Inc.), 21 Jane, New York

Halback, C. E. & Co., 23 E. 26th, New York

Henry-Bonnard Bronze Co., 20 Exchange pl, New York

Herzog Iron Works, St. Paul, Minn.

IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I.

Jackson Wm. H. Company, 2 W 47th, New York

Janusch Mfg. Co., 496 E 134th, New York

Jones Jas. Co., Los Angeles, Cal.

Kathodion Bronze Works, 366 Gerard av, New York

Keystone Ornamental Iron & Bronze Wks. (Also Brass), 830 Howard, San Francisco, Cal.

Klaber S. & Co., 21 W 39th, New York

Lane Thos. Co., Farmers' Bank bldg, Pittsburgh, Pa.

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.

McGANN THOS. F. & SONS CO., 117 Portland, Boston, Mass.

See adv index at end of book

McKenna Bros. Brass Co., 1st av & Ross, Pittsburgh, Pa.

Meyers Fred. J. Mfg. Co., Hamilton, O.

See adv index at end of book

Midland Metal Co., 21st & Jefferson, Phila., Pa.

Milliken Bros., 111 Broadway, New York

Mills Wm. J. (Doors, etc), 198 Roebling, Brooklyn, N. Y.

Mott J. L. Iron Works, Trenton, N. J.

National Art Bronze Wks. Co., Pope & Carrie avs, St. Louis, Mo.

National Metalizing Co. ("Armor Bronze"), 236 5th av, New York

NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.

PITT WM. R. COMPOSITE IRON WORKS (Ornamental), 219 W 26th, New York

See adv index at end of book

Plocher Andrew, Sons Co., Dayton, O.

Polachek John Bronze & Iron Co., 480 Hancock, Long Island City, N. Y.

Richey Browne & Donald, Flushing av, Maspeth, Borough of Queens, N. Y.

Roman Bronze Works ("Cire-Perdue" Process), 275 Greene, Brooklyn, N. Y.

Rudgear-Merle Co., 198 Bay, San Francisco, Cal.

Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.

Standard-Tyler Co., 2436-62 W 15th, Chicago, Ill.

Sterling Bronze Co., 16 E 40th, New York

Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.

Tiffany Studios, 361 Madison av, New York

Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York

TYLER W. S. CO., Cleveland, O.

See adv index at end of book

Union Metal Mfg. Co., Canton, O.

Vulcan Co., 11 Raynor, Detroit, Mich.

Wells Architectural Iron Co., River av & 151st, New York

Williams Jno., Inc., 556 W 27th, New York

Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

Wisconsin Iron & Wire Works, North Milwaukee, Wis.

1488—Bronze Doors

American Art Metal Wks., 13 Grace, San Francisco, Cal.

Art Brass & Wire Works, Forest & Ellery, Detroit, Mich.

Art Metal Construction Co., Jamestown, N. Y.

Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.

Bureau Bros., 23d & Westmoreland, Phila., Pa.

Burkhardt John, 531 W 55th, New York

Cabaret Paul E. & Co., 126 11th av, New York

California Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.

Chippewa Bronze Co., 1469 E 118th, Cleveland, O.

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

Coleman Adelbert E. (Architectural, etc), 336 W 37th, Chicago, Ill.

DAHLSTROM METALLIC DOOR CO.

(For Entrances to office bldgs. & Stations; any design, hollow metal), 35 Blackstone av, Jamestown, N. Y.

See adv index at end of book

Detroit Mausoleum Equipment Works, Detroit, Mich.

Ellison Brass Mfg. Co. (Mausoleum, Doors & Windows), Jamestown, N. Y.

Empire Art Metal Co., Inc., College Point, L. I., N. Y.

Flour City Ornamental Iron Works; 27th & 27th av, Minneapolis, Minn.

GORHAM CO. ARCH'L BRONZE (Cast & Plate), 5th av & 36th, New York.

Works: Providence, R. I.

See adv index at end of book

Guerin P. E., 21 Jane, New York

Henry-Bonnard Bronze Co., 20 Exchange pl, New York

Imperial Brass Mfg. Co. (Mausoleum), 524 S Racine av, Chicago, Ill.

See adv index at end of book

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

Jackson Wm. H. Company, 2 W 47th, New York

Janusch Mfg. Co., 496 E 134th, New York

Jones Jas. Co., Los Angeles, Cal.

Kathodion Bronze Works, 366 Gerard av, New York

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.

McGANN THOS. F. & SONS CO. (Bank & Mausoleum), 117 Portland, Boston, Mass. *See adv index at end of book*

Meyers Fred J. Mfg. Co., Hamilton, O.

See adv index at end of book

Mills W. J., 198 Roebling, Brooklyn, N. Y.

Mott J. L. Iron Works, Trenton, N. J.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

Penn. Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.

THE

T.F. McGANN & SONS CO.

117 Portland St., BOSTON, MASS.

Bronze Founders

BRONZE DOORS FOR BANKS and MAUSOLEUMS

BRONZE TABLETS

BANK GRILLES

BRONZE LAMPS

BRONZE ELEVATOR FRONTS

BRONZE STATUES



Richey Browne & Donald, Flushing av, Maspeth, Borough of Queens, New York City
 Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
 Tiffany Studios, 361 Madison Av, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
 Williams Jno., Inc., 556 W 27th, New York
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
 Wisconsin Iron & Wire Works, North Milwaukee, Wis.

1489—*Bronze Entrances

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

1490—Bronze Founders' (Architectural)

See also Castings, Bronze

American Art Bronze Foundry, 4921 W Lake, Chicago, Ill.
 Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
 Bureau Bros., 23d & Westmoreland, Phila., Pa.
 Cabaret Paul E. & Co., 126 11th av, New York
 Chippewa Bronze Co., 1469 E 118th, Cleveland, O.
 Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
 Detroit Mausoleum Equipment Works, Detroit, Mich.
 Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Jackson Wm. H. Company, 2 W 47th, New York
 Janusch Mfg. Co., 496 E 134th, New York
 Johnson Service Co., 153 Michigan, Milwaukee, Wis.
 Klaber S. & Co., 21 W 39th, New York
McGANN THOS. F. & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book
 Manhattan Brass Co., 333 E 26th, New York
 Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Milles C. H. Foundry Co., 2443 W 21st pl, Chicago, Ill.
 Mills W. J., 198 Roebling, Brooklyn, N. Y.
 New Brunswick Iron Works, New Brunswick, N. J.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Roessing Bronze Co., Etna, Pa.
 Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Tiffany Studios, 361 Madison av, New York

1491—*Bronze ("Gorham" Special Patent Castings)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

Bronze Lamps

See Lamps, Artistic Bronze & Wrought Iron

Bronze Letters for Building Fronts

See Bronze Tablets, etc

1492—Bronze (Manganese)

See also Castings, Manganese Bronze

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book
 American Manganese Bronze Co., Holmsburg, Phila., Pa.
 Brady Brass Co., 170 14th, Jersey City, N. J.
 Cramp Wm. & Sons Ship & Engine Building Co. ("Parsons"), Beach & Ball, Phila., Pa.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
 Taunton-New Bedford Copper Co. ("Parsons"). Taunton, Mass.

1493—Bronze Monuments, Statuary, Urns, Etc.

Bureau Bros., 23d & Westmoreland, Phila., Pa.
 Cabaret Paul E. & Co., 126 11th av, New York
 Chypena Bronze Co., 1469 E 118th, Cleveland, O.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Jackson Wm. H. Company, 2 W 47th, New York
McGANN THOS. F. & SONS CO. (Cire-Perdue-Process), 117 Portland, Boston, Mass. *See adv index at end of book*
 Parker Charles Co. (Cremation Urns), Meriden, Conn.
 Roman Bronze Works ("Cire-Perdue" Process), 275 Greene, Brooklyn, N. Y.
 Tiffany Studios, 361 Madison av, New York
 Williams Jno., Inc., 556 W 27th, New York

1494—Bronze Powders

Aluminum Co. of America (Aluminum) Only, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
 American Bronze Powder Mfg. Co., 16 Warren, New York. Works: Verona, N. J.
 Arnstein Eugene, 45 W 26th, Chicago, Ill.
 Ault & Wiborg Co., Cincinnati, O.
 Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
 Baer Bros., 438 W 37th, New York
 Benda Geo. 112 E 19th, New York
BINSWANGER B. & CO., 827 N 3d, Phila., Pa.
 Bronze Powder Works Co., Elizabeth, N. J.
 Central Commercial Co., 111 N Market, Chicago, Ill.
 Chicago Bronze Co. (Imp), 18 N 5th av, Chicago, Ill.
 Corbett M. J. & Co. (Imported), 24 State, New York
 Devoe F. W. & C. T. Reynolds Co., 101 Fulton, N. Y.
 Downing R. F. & Co. (Imported), 45 Pearl, New York
 Drakenfeld B. F. & Co. ("Globe," Imp), 50 Murray, New York
DU PONT CHEMICAL WORKS, 120 B'way, New York
 Ehrmann Ludwig (Importers), 238 Bowery, New York
 French Samuel H. & Co., 4th & Calowhill, Philadelphia, Pa.
 Frost & Cundill, Inc. (Imp. of Japan), 60 Wall, New York
 Fuchs & Lang Mfg. Co., 119 W 40th, New York
 German-American Bronze Powder Mfg. Co. (Imp), 38 W 32d, New York
 Gerstendorfer Bros., 221 E 42d, New York
 Hemmerdinger L. & Co., 438 E 123d, New York
 Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
 Horn A. C. Co., Bodine, Long Island City, N. Y.
 Illinois Bronze Powder Co. (Importers), 162 W Randolph, Chicago, Ill.
 Kemp W. H. Co., 165 Spring, New York
 Lang R. F. (Imported), 8 Bridge, New York
 Lawrence W. W. & Co., Pittsburgh, Pa.
 Morrill Geo. H. Co., Norwood, Mass.
 Pomeroy & Fischer, 95 Madison av, New York
 Rauskolb Fred W. Co., 103 Arch, Boston, Mass.

Riessner T. (Imp), Gold & Ann, New York
 Rosenbush & Solomon, 23 S Desplains, Chicago, Ill.
 Schlegel Oscar Mfg. Co. (Aluminum, Gold, Bronze & Liquid), 111 E 12th, New York
 Seligman Arthur (Imp), 165 B'way, New York
 Siebold J. H. & G. B. (Imp), 106 Centre, New York
 Thurston F. W. Co. (Imported), 1832 S Clark, Chicago, Ill.
 Uhlfelder Leo Co., 130 W 29th, New York
 Ullmann B. & Co., 461 8th av, New York
 Wheeler Asahel Co., 58 High, Boston, Mass.

Bronze Railings

See Bronze, Architectural

1495 Bronze Sheet

AMERICAN BRASS CO., Waterbury, Ct.
For branch offices see adv index at end of book
 American Manganese Bronze Co., Holmsburg, Phila., Pa.
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.
 Gardner B. M. Co., Citizens bldg, Cleveland, O.
 Michigan Copper & Brass Co., Detroit, Mich.
 Pilling Brass Co. (Thin Gauge for Platers), Waterbury, Conn.
 Riverside Metal Co., Riverside, N. J.
 Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
 Seymour Mfg. Co., Seymour, Conn.
 Titan Metal Co. (Hot or Cold Rolled), Bellefonte, Pa.

1496—Bronze Tablets, Etc.

Art Brass & Wire Works, Forest & Ellery, Detroit, Mich.
 Art Metal Construction Co., Jamestown, N. Y.
 Atlas Brass Foundry 155 A. S., Boston, Mass.
 Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
 Bolles J. E. Iron & Wire Works 4th & Porter, Detroit, Mich.
 Bradley & Hubbard Mfg. Co., Meriden, Conn.
 Bureau Bros., 23d & Westmoreland, Phila., Pa.
 Cabaret Paul E. & Co., 126 11th av, New York
 Chypena Bronze Co., 1469 E 118th, Cleveland, O.
 Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
 Coleman Adelbert E., 336 W. 37th, Chicago, Ill.
 Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
 Detroit Mausoleum Equipment Works, Detroit, Mich.
 Ellison Brass Mfg. Co., Jamestown, N. Y.
 Fiske J. W. Iron Works, 80 Park pl, N. Y.
 Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York; Works: Providence, R. I. *See adv index at end of book*
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Herzog Iron Works, St. Paul, Minn.
 Highton Wm. & Sons Co., Nashua, N. H.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
 Inglis Wm. Wire & Iron Works, 61 Woodbridge, Detroit, Mich.
 Jackson Wm. H. Company, 2 W 47th, New York
 Janusch Mfg. Co., 496 E 134th, New York
 Johnson Service Co., 149 Michigan, Milwaukee, Wis.
 Kathodion Bronze Works, 366 Gerard av, New York
 Lane Thos. Co., Farmers Bank bldg., Pittsburgh, Pa.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 McCafferty J. H. Co., 434 Harrison av, Boston, Mass.
McGANN THOS. P. & SONS CO., 117 Portland, Boston, Mass.
See adv index at end of book
 Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.
 Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book

Mills W. J., 198 Roebling, Brooklyn, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
NEWMAN MFG. CO. (Brass & Bronze),
717 Sycamore, Cincinnati, O.; 68 W
Washington, Chicago, Ill.
See adv index at end of book

Pathie Wm. Co., Worcester, Mass.
Richey, Browne & Donald, Flushing av,
Maspeth, Borough of Queens, New
York City

Rome Bronze Co., Rome, N. Y.
Russell Albert & Sons Co., Newburyport,
Mass.

St. Louis Brass Mfg. Co., Jefferson &
Washington, St. Louis, Mo.

Schreiber L. & Sons Co., 3869 Ivanhoe,
Cincinnati, O., & 30 E 42d New York
Smith F. P. Wire & Iron Works, Lake
& Dearborn, Chicago, Ill.

See adv index at end of book
Sommerville Iron & Bronze Co., 5641 But-
ler, Pittsburgh, Pa.

Standard-Tyler Co., 2436 W. 15th, Chi-
cago, Ill.

Sterling Bronze Co., 16 E 40th, New York
Tiffany Studios, 361 Madison av, New
York

Turner Brass Works, Sycamore, Ill.
Tuttle & Bailey Mfg. Co. (Also Brass),
52 Vanderbilt av, New York

TYLER W. S. CO., Cleveland, Ohio, &
200 5th av, New York.

See adv index at end of book
United Ornamental Iron Works, 189 W
Madison, Chicago, Ill.

Vulcan Co., 11 Raynor, Detroit, Mich.
Wells Architectural Iron Co., River av &
151st, New York

Williams Jno., Inc., 556 W 27th, New
York

Winslow Bros. Co., 4600 Harrison, Chi-
cago, Ill.

1497— *Bronze (Tobin)

AMERICAN BRASS CO. (Sheets & Rods),
Waterbury, Conn.

For branch offices see adv index at end of book
MERCHANT & EVANS CO., 2035 Wash-
ington av, Phila, Pa.

See adv index at end of book

1498 Bronze (White)

**GORHAM CO. ARCHITECTURAL
BRONZE**, 5th av & 36th, New York
See adv index at end of book

Lissberger, Marks & Son ("Emelansic"),
281 Borden av, Long Island City, New
York

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
Pittsburgh White Metal Co., 3116 Penn
av., Pittsburgh, Pa.

1498a—*Bronze Work (Every De- scription)

**GORHAM CO. ARCHITECTURAL
BRONZE**, 5th av & 36th, New York
See adv index at end of book

1499— Bronzing Liquids

Acme White Lead & Color Works, St.
Aubin av & M. C. R. R., Detroit, Mich.
Baer Bros., 438 W 37th, New York
Barrett M. L. & Co., 233 W Lake, Chicago,
Ill.

Bronze Powder Works Co., Elizabeth,
N. J.

De Bar Co., 1 State, New York.

DU PONT CHEMICAL WORKS, 120
Broadway, New York

Durlacque Mfg. Co., 2322 Olive, St. Louis,
Mo.

French Samuel H. & Co., 4th & Callow-
hill, Philadelphia, Pa.

Glidden Varnish Co., 1755 W. Madison
av, Cleveland, O.

Harrisons, Inc., Philadelphia, Pa.

Hommel O. Co., Hope & Maple, Pitts-
burgh, Pa.

International Smokeless Powder & Chem-
ical Co., 120 B'way, New York

Lawrence W. W. & Co., Pittsburgh, Pa.

Lucas John & Co., 322 Race, Philadelphia,
Pa.

Opal Chemical Co., Kenilworth, N. J.

Schlegel Oscar Mfg. Co., 111 E 12th, New
York

Sherwin-Williams Co., Cleveland, O.
Thurston F. W. Co., 1832 S Clark, Chi-
cago, Ill.

1500— Brooms (Bamboo)

Indianapolis Brush & Broom Mfg. Co.
("Capital" Red Cap Fibre or Bam-
boo), 26 Brush, Indianapolis, Ind.

Lay Jos. Co., Ridgeville, Ind.

Manhattan Brush Co., 667 1st av, New
York

Mass. Commission for the Blind, Cam-
bridge, Mass.

Opie Brush Co., 700 E 19th, Kansas City,
Mo.

Osborn Mfg. Co. (Push, Scrubbing, etc),
5405 E Hamilton, Cleveland, O.

Ox Fibre Brush Co., Frederick, Md.

Richmond Broom Co., Richmond, Va.

1501— Brooms (Bass Fibre)

Bunck John J. & Co., 155 Chambers, New
York

Goldblatt H. Tool Co., Kansas City, Mo.

Grau Bros., 1662 Central av, Cincinnati, O.

Lay Jos. Co., Ridgeville, Ind.

Mass. Commission for the Blind, Cam-
bridge, Mass.

Ox Fibre Brush Co., Frederick, Md.

1502— Brooms (Corn)

Alabama Broom & Mattress Co., Hunts-
ville, Ala.

Amarillo Broom Co., Amarillo, Tex.

American Broom Mfg. Co. Ltd., Short &
Edenburgh, New Orleans, La.

American Broom & Brush Co. (Rattan,
Broom Corn), Amsterdam, N. Y.

Amsterdam Broom Co. (Corn), Amster-
dam, N. Y.

Anderson Gus., Salina, Kan.

Antiseptic Broom Co., Savannah, Ga.

Atlanta Woodenware Co., Atlanta, Ga.

Atlantic Southwestern Broom Co., 2d &
Toone, Baltimore, Md.

Augusta Broom Works, Augusta, Ga.

Bardall J. C. Co. (Standard, Carpet,
Brace, Spiral, Steamboat, Cane, etc).

Moundsville, W. Va.

Belsley David, Wamego, Kan.

Bookhop F. H. (Floor, Sink, Whisk), 151
38th, Brooklyn, N. Y.

Boyer A. Broom Co., Galesburg, Ill.

Bunck John J. & Co., 155 Chambers, New
York

Burton A. & E. & Co., 73 Pearl, Boston,
Mass.

Cahill Jos. P., 820 W 51st pl, Chicago, Ill.

Canavan J. L., Lawrence, Kan.

Carpenter P. C., Demorest, Ga.

Caummsar T. C. & Sons, Louisville, Ky.

Central Broom Co., Jefferson City, Mo.

Chicago Broom Mfg. Co., 616 W Elm, Chi-
cago, Ill.

Collins Bros., Lawrence, Mass.

Congleton J., New Philadelphia, O.

Conrad John & Co., Everett, Mass.

Cremering Bros., 216 W Pearl, Cincinnati,
O.

Cronkrite L. R., Williamsport, Pa.

Culicover M., 41 Fulton, New York

Dawson & Crim, 4628 S State, Chicago,
Ill.

Dean O. M. & Sons, Worcester, Mass.

De Roo P. Sons, Wade & Borton, Cincin-
nati, O.

Deshler Broom Factory, Deshler, Neb.

Des Moines Broom Co., Des Moines, Ia.

Detering H. E., Houston, Tex.

Dobbertin A. C., Rochester, N. Y.

Dudgeon Co., Cane Valley, Ky.

Eaton J. C. & Co., Lydonville, Vt.

Enterprise Broom Works, 321 E. Grand
av, Chicago, Ill.

Evans Andrew J., Terre Haute, Ind.

Evans & Liddle, Lockport, N. Y.

Evansville Broom Co., Evansville, Ind.

Fairchild L. C., Greene, N. Y.

Feldman L. & Co, 110 Davis, San Fran-
cisco, Cal.

Frankfort Broom Co., Frankfort, Ky.

Fulton H. K., 107 E 4th, Wilmington, Del.

Gardner Broom Co., Amsterdam, N. Y.

Gerhardt C. (Brewers', Steel Wire), 591
Hudson, N. Y.

Goeller's M. G. Sons (House, Stable, Ware-
house, Ceiling, Whisk), Circleville, O.

Griffin C. W., Chanute, Kan.

Haisler Bros. Co. (Stable), 740 N Frank-
lin, Chicago, Ill.

Hall C. B., Iola, Kan.

Halpin Nicholas F., Sr., Deerfield, N. Y.

Hamburg Broom Works, Hamburg, Pa.

Hankins S. R. & Sons, Hastings, Neb.

Harrah & Stewart Mfg. Co. ("Little Pol-
ly"), Des Moines, Ia.

Hartman Broom Co., Clay Center, Kans.

Hatch E. W. & Son, Union City, Pa.

Hemingway Bros., Stockton, Cal.

Hoag Duster Co. ("Iowa"), Monticello, Ia.

Hodges Broom Works, Atlanta, Ga.

Howard Broom Co., 4437 N Lincoln, Chi-
cago, Ill.

Howard E. D. Broom Co. (Corn, etc), Co-
lumbus, O.

Hugel Fred. & Son, Lawrence, Mass.

Hunter Brush Mfg. Co. (Home, Factory,
etc), Blanchester, O.

Imperial Broom Works, 172 N. May, Chi-
cago, Ill.

Imperial Mfg. & Trading Co., 253 B'way,
New York

Indianapolis Brush & Broom Mfg. Co.
(Corn, Factory, Foundry, Mill, Rail-
road), 26 Brush, Indianapolis, Ind.

Jacobson-Peterson-Peltz & Kaufer Co.,
South Bend, Ind.

Kelley M. A. Broom Co., Leavenworth,
Kan.

Kelly, Leonard & Forrester Co., Ogdens-
burg, N. Y.

Kuh Bros., Sioux Falls, S. D.

Lang Broom Co., 2029 Chateau, Pittsburgh,
Pa.

Lay Jos. & Co. (Street, Stable, Push),
Ridgeville, Ind.

Lee Broom & Duster Co., Davenport, Ia.,
& Lincoln, Neb.

Libman William, 1109 Blue Island av, Chi-
cago, Ill.

Lillie O. E., Hiawatha, Kans.

Lyons John P., 2016 26th av, S, Minne-
apolis, Minn.

McIntosh & Alberts, 550 W 39th, Chicago,
Ill.

Maiden Wm. M., Muscatine, Ia.

Manufacturers Broom & Brush Co., Mem-
phis, Tenn.

Manzelmann Chas., 741 Bellevue, Detroit,
Mich.

Mass. Commission For the Blind ("M. C.
B." "Prendergrast"), Cambridge, Mass.

Mathieson Thos. P., 2042 Warren av, Chi-
cago, Ill.

Meder Bros., Minneapolis, Minn.

Meese G. & Co., Spokane, Wash.

Memphis Broom & Brush Co., Memphis,
Tenn.

Merkle-Wiley Broom Co. (Broom Corn),
Paris, Ill.

Metzger Harry, Muscatine, Ia.

Meyer N., Green Bay, Wis.

Meyers Broom Works, Omaha, Neb.

Miller Aug. & Son, La Crosse, Wis.

Mohawk Valley Broom Co., Fonda, N. Y.

Montgomery Broom Mfg. Co., Grove City,
Pa.

Moore S. S., Quenemo, Kans.

Muckenfuss Mfg. Co., Spartanburg, S. C.

Mulholland Wm., 79 White, New York

Myer-Bridges Co., Louisville, Ky.

National Broom Co. (Brooms & Whisk
Brushes), Lockport, N. Y.

New Bremen Broom Co., New Bremen, O.

Neitzel Bros. & Theilmann, Spokane,
Wash.

Noble Charles H., Thompsonville, Conn.

Noxon Broom Co., Avoca, N. Y.

Ohio Broom & Supply Co., Toledo, O.

Olson Broom Co., Sterling, Kan.

Opie Brush Co., Kansas City, Mo.

Osborn Mfg. Co. (Steel, Snow, Warehouse,
Corn Wire), 5405 E Hamilton, Clevel-
and, O.

Page Broom Co., Lawrence, Mass.

Partin M., Mobile, Ala.

Pauken John Broom Co., Maumee, O.

Peerless Broom Works, 2243 W Lake, Chi-
cago, Ill.

Phoenix Brush & Mfg. Co. (Steel Wire,
Street Sweeping), 160 N 5th av, Chi-
cago, Ill.

Pioneer Broom Co. (Corn), Amsterdam,
N. Y.

Pirrung Mfg. Co., 4436 Greenview av, Chi-
cago, Ill.

Plunkett Chas. ("Blue Ribbon"), 205
Duane, New York

Ramseur Broom Works, Ramseur, N. C.

Reading Broom Co., Blandon, Pa.

Richmond Broom Co., Richmond, Va.

Ripple S. A. & Bros., 1208 Ridgely, Balti-
more, Md.

Rochester Brush Mfg. Co. (Bass, for
House & Factory), Rochester, N. Y.

Rogers Broom Co., Washington, Ind.

Roseboom J. A. & Co., Mattoon, Ill.

Rosengren Ed., Lindsborg, Kans.

Round Rock Broom Co., Round Rock, Tex.

Rudy Brown Co., Madisonville, Ky.

Scheninger J. A. & Bros., Syracuse, N. Y.

Seoville M. G. Sons Co., Ogden, Utah

Sebastian Bros. Odin, Ill.
 Shanaman W. B., Reading, Pa.
 Shanaman Bros., Reading, Pa.
 Sider Bros., 1420 Blue Island av, Chicago, Ill.
 Sider H. & Son, 1311 Blue Island av, Chicago, Ill.
 Southern Broom Mfg. Co., Atlanta, Ga.
 Southwestern Broom Mfg. Co., Evansville, Ind.
 Spickett Broom Co., Lawrence, Mass.
 Stewart A. F., 916 Fauquier, St. Paul, Minn.
 Strum Carl, 3656 Rokeby, Chicago, Ill.
 Supplee Wm., Topeka, Kans.
 Syracuse Broom Co., Syracuse, N. Y.
 Tallieu L. P., Samstown, La.
 Tate R. L., Paducah, Ky.
 Thompson Leon C., Concord, N. H.
 Thompson Hugh E., 558 Packard av, Kansas City, Mo.
 Tinker Geo. F., New London, Conn.
 Twitchell-Champlin Co., Portland, Me.
 United States Broom & Brush Co., (Brooms & Whisks) 1201 Cortland, Chicago, Ill.
 United States Broom & Duster Co., 1053 Washburne av, Chicago, Ill.
 Urbana Broom Co. (Whisk), Urbana, O.
 Van Laak Mfg. Co., 3281 Harrison, San Francisco, Cal.
 Ward J. B. & Sons, Paterson, N. J.
 Warth John F., 514 W 46th, New York
 Washington Broom & Woodenware Co., Seattle, Wash.
 Waterloo Broom Co., Waterloo, Ind.
 Wetherbee Geo. C. & Co., 49 Jefferson av, Detroit, Mich.
 Weymer A. F. Co. (Whisk), Syracuse, N. Y.
 White Valentine Co., Urbana, O.
 Whitmyer H., Schenectady, N. Y.
 Wichita Falls Broom Mfg. Co., Wichita Falls, Tex.
 Windsor Mfg. Co., Windsor, Mo.
 Wittemeir's F. Sons, Fort Hunter, N. Y.
 Zan Bros. & Co., 3546 19th, San Francisco, Cal., & Portland, Ore.

1503— Brooms (Foundry)

See Brooms, Push; also Brooms, Steel Wire

Brooms (Frog & Switch)

See Brooms & Brushes, Track

1504—Brooms (Metal Bound Mill)

Bunck John J. & Co., 155 Chambers, New York
 Hamburg Broom Works, Hamburg, Pa.
 Hendee C. C. Co., 48 7th, Milwaukee, Wis.
 Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
 Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
 Lay Jos. Co., Ridgeville, Ind.
 Mass. Commission for the Blind ("Endurance," "M. C. B."), Cambridge, Mass.
 Merkle-Wiley Broom Co., Paris, Ill.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Richmond Broom Co., Richmond, Va.
 Thompson, Leon C., Concord, N. H.

1505— Brooms (Push)

See also Brooms, Street Sweeping
 Bardall J. C. Co., Moundsville, W. Va.
 Bookhop F. H., 145 38th, Brooklyn, N. Y.
 Browne F. W. (Wire), Farmington, N. H.
 Bunck Jno. J. & Co., 155 Chambers, New York
 Chattanooga Broom & Mop Co., Chattanooga, Tenn.
 Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
 Felton D. D. Brush Co., Atlanta, Ga.
 Grau Bros., 1662 Central av, Cincinnati, O.
 Halsler Bros. Co., 740 N Franklin, Chicago, Ill.
 Hamburg Broom Works, Hamburg, Pa.
 Hendee C. C. Co. (Wire), 48 7th, Milwaukee, Wis.

Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Indianapolis Brush & Broom Mfg. Co. ("Capitol," Rattan, Bamboo, African Bass, Wire, etc), 26 Brush, Indianapolis, Ind.
 Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
 Lay Jos. Co. (Bamboo, Rattan, Wire, etc), Ridgeville, Ind.
 Manhattan Brush Co., 667 1st av, New York
 Manhattan Hickory Broom Co., 171 3d av, New York
 Mass. Commission for the Blind ("Efficiency," "M. C. B."), Cambridge, Mass.
 Merkle-Wiley Broom Co., Paris, Ill.
 Mulholland Wm., 79 White, New York
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co. (Fibre), 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Thompson Leon C., Concord, N. H.
 Warth Jno. F. (Ox Fibre), 514 W 46th, New York

1506— Brooms (Rattan)

Bookhop F. H., 145 38th, Brooklyn, N. Y.
 Boyer A. Broom Co., Galesburg, Ill.
 Bunck John J. & Co., 155 Chambers, New York
 Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
 Lay Jos. Co. (Push, etc), Ridgeville, Ind.
 Manhattan Brush Co., 667 1st av, New York
 Mass. Commission for the Blind, Cambridge, Mass.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co., Frederick, Md.
 Reading Broom Co., Blandon, Pa.
 Richmond Broom Co., Richmond, Va.
 Zelnicker Walter A. Supply Co. (Also Bamboo & Japanese Fibre), 325 Locust, St. Louis, Mo.

1507—Brooms (Rotary Snow)

Consolidated Car Fender Co., Vale, Providence, R. I.

1508— Brooms (Steel Wire)

Blumenthal Herman & Co., 241 Centre, New York
 Gerhardt C. (For Brewers, etc), 591 Hudson, New York
 Lay Jos. Co. (Push, etc), Ridgeville, Ind.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
 Pilley Flue Brush Co., 604 So 3d, St. Louis, Mo.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Worcester Brush & Scraper Co. ("Royal Worcester"), Worcester, Mass.

1509—Brooms (Street Sweeping)

Dennis W. J. & Co. (Steel, Wire), 2222 W Lake, Chicago, Ill.
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Hvass & Co., 509 E 18th, New York
 Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
 Manhattan Brush Co., 667 1st av, New York
 Mass. Commission for the Blind, Cambridge, Mass.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Pirrung Mfg. Co. (Wire), 4436 Greenview av, Chicago, Ill.
 Warth John F., 514 W 46th, New York

1510—Brooms (Street Sweeping Machines)

Osborn Mfg. Co. (Rotary), 5405 E Hamilton, Cleveland, O.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1511—Brooms (Street & Stable)

Bardall J. C. Co., Moundsville, W. Va.
 Blumenthal Herman & Co., 241 Centre, New York
 Bookhop F. H., 145 38th, Brooklyn, N. Y.
 Boyer A. Broom Co., Galesburg, Ill.
 Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
 Darby Edw. & Sons Co. (Steel Wire), 239 Arch, Phila., Pa.
 Harrah & Stewart Mfg. Co., Des Moines, Ia.
 Herbert Brush Mfg. Co., Kingston, N. Y.
 Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
 Hunter Brush Mfg. Co. (Cane, Wire, Reed or Fibre), Blanchester, O.
 Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
 Mass. Commission for the Blind, Cambridge, Mass.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co., Frederick, Md.
 Reading Broom Co., Blandon, Pa.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1512— Brooms (Whisk)

Amsterdam Broom Co., Amsterdam, N. Y.
 Bardall J. C. Co., Moundsville, W. Va.
 Bookhop F. H., 151 38th, Brooklyn, N. Y.
 Brushbroom Co., 616 W Elm, Chicago, Ill.
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Chattanooga Broom & Mop Co., Chattanooga, Tenn.
 Des Moines Broom Co., Des Moines, Ia.
 du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York
 Halsted Brush Co. ("Boston"), 71 Park pl, New York
 Harrah & Stewart Mfg. Co., Des Moines, Ia.
 Hoag Duster Co., Monticello, Ia.
 Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
 Lang Broom Co., 2029 Chateau, Pittsburgh, Pa.
 Lee Broom & Duster Co. ("Lee"), Lincoln, Neb.
 Miller August & Son, La Crosse, Wis.
 Mohawk Valley Broom Co., Fonda, N. Y.
 Muckenfuss Mfg. Co., Spartanburg, S. C.
 Myers Broom Works, Omaha, Neb.
 New Bremen Broom Co., New Bremen, O.
 Ohio Broom & Supply Co., Toledo, O.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Pioneer Broom Co., Amsterdam, N. Y.
 Ripple S. A. & Bros., 1208 Ridgely, Baltimore, Md.
 Saart W. H. Co., Attleboro, Mass.
 Southern Broom Mfg. Co., Atlanta, Ga.
 Southwestern Broom Mfg. Co., Evansville, Ind.
 Urbana Broom Co., Urbana, O.
 Weymer A. F. Co., Syracuse, N. Y.
 Whitney Henry & Co., Amsterdam, N. Y.
 Wittemeier's F. Sons, Fort Hunter, N. Y.

1513—Brooms & Brushes (Track)

Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
 Lay Jos. Co. ("Victor"), Ridgeville, Ind.
 Mass. Commission for the Blind ("M. C. B."), Cambridge, Mass.
 Mulholland William, 79 White, New York
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
PILLEY FLUE BRUSH CO. (Steel Wire), 604 S 3rd, St. Louis, Mo.
 Reading Broom Co. (Brooms), Blandon, Pa.
 Worcester Brush & Scraper Co. ("Royal Worcester" Renewable), Worcester, Mass.

1514— Brush Machinery

See Classification 7891

1515—*Brush Sets (Silver Plated)

International Silver Co., Meriden, Conn.

1516— Brushes (Air)

See also Brushes, Pneumatic Spray
 Eclipse Air Brush Co. ("Eclipse"), 79 Orange, Newark, N. J.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

De Vilbiss Mfg. Co. ("Aeron"), Toledo, O.
Ideal Air Brush Co., 88 E 10th, New York
Paasche Air Brush Co., 1219 W Washington blvd, Chicago, Ill.
Star Brass Mfg. Co. ("Star" Compressed Air), 108 E Dedham, Boston, Mass.
Thayer & Chandler (Fountain), 913 W Vanburen, Chicago, Ill.
Wold Air Brush Mfg. Co., 716 W Madison, Chicago, Ill.

Brushes (Artists')

See Brushes, Paint, Kalsomine, Varnish, etc

1517—*Brushes (Auto Washing)

See also Vehicle Washers

Buller Brush Co., Hartford, Conn.
Hicks Howard W. Co., Denver, Col.
North Bridge Brush Co., Freeport, Ill.
Sanitax Brush Co., 2333 S Wabash av, Chicago, Ill.

1518—Brushes (Bakers')

Rubberset Co., 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wooster Brush Works, Wooster, Ohio

1519—Brushes (Barrel & Keg Scrubbing Machine)

Gerhardt C. (For Brewers), 591 Hudson, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Lay Jos. Co. (Carved), Ridgeville, Ind.
Opie Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1520—Brushes (Bath)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
New Jersey Brush Co. (Vegetable Fibre), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Standard Brush Co. ("Favorite," "Handy," "Perfection," "Ideal"), New Hartford, Conn.
Whiting J. L.-Adams J. J. Co., 690 Harrison av. Boston, Mass.

1521—Brushes (Bench)

See Brushes, Platers, Polishers, etc. See also Duster Mfrs.

1522—Brushes (Billiard Table)

Ames, Bonner Co., Toledo, O.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Standard Brush Co., New Hartford, Conn.

Brushes (Boiler Flue)

See Cleaners, Boiler Flue & Tube, Brushes

1522a—Brushes (Bonnet)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1523—Brushes (Bookbinders')

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Devoe & Reynolds Co. Inc., 101 Fulton, New York
Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1524—Brushes (Bottle)

Banner Utilities Co, Rutherford, N. J

Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.

Hahn Arthur W., 7 Dominick, New York
Hendee C. C. Co. (Wire), 48 7th, Milwaukee, Wis.
Hertzberg H. & Son (Wire Twisted), 96 Church, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Manhattan Brush Co., 1957 Pitkin av, Bklyn, N. Y.
North Bridge Brush Co., Freeport, Ill.
Opie Brush Co., Kansas City, Mo.
Miles Bros. & Co., 102 Fulton, New York
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Pollock Brush Co., Easton, Pa.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Tyer Rubber Co. (Wire), Andover, Mass.
Worcester Brush & Scraper Co., Worcester, Mass.

1525—Brushes (Bowling Alley)

See Brushes, Floor Polishing

1526—*Brushes (Bran & Shorts)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

1527—Brushes (Brewers')

Blumenthal Herman & Co., 241 Centre, New York
Gerhardt C., 591 Hudson, New York
Grau Bros., 1662 Central av, Cincinnati, O.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Rochester Brush Mfg. Co., Rochester, N. Y.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1528—Brushes (Butchers' Block)

Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dennis W. J. & Co. (Steel Wire), 2222 W Lake, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

1529—Brushes (Canners' Machine, Etc.)

Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.

Brushes (Car Washing)

See Brushes, Window

1530—Brushes (Carbon)

American Carbon & Battery Co., East St. Louis, Ill.
Baylis Co., Bloomfield, N. J.
Calebough-Block Self-Lubricating Carbon Co ("No-Spark"), 1503 W Columbia av, Phila, Pa.
Chapin Chas. E. Co., 201 Fulton, New York
Cooley Mfg. Co., Inc., 98 Park pl, New York
Corliss Carbon Co., Bradford, Pa.
Eastern Carbon Works, 580 Henderson, Jersey City, N. J.
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. See adv index at end of book
Hart & Co. ("Langleben," Self Lubricating), Fostoria, O.
Jeandron W. J. ("Le Carbone"), 172 Fulton, New York
Le Valley Vitae Carbon Brush Co. (Self Lubricating), 521 W 23d, New York
Mikesell Bros Co. (For Motors), 26 N Jefferson, Chicago, Ill.
Mitchell-Rand Mfg. Co., 99 John, New York
Morgan Crucible Co. ("Morganite"), 519 W 38th, New York
National Carbon Co. ("Pyramid" Brand, Graphite or Metal Composition), Cleveland, O.
Nungesser Carbon & Battery, Works of Nat'l Carbon Co (& Metal), 1170 E 38th, Cleveland, O.

Perfection Supply Co., 98 Park pl, New York

Pittsburgh Carbon Brush Co., 512 E Diamond, Pittsburgh, N. S. Pa.
Pure Carbon Co. (Tungsten Carbon), Wells-ville, N. Y.
Speer Carbon Co. ("Long Life," Self Lubricating), St. Marys, Pa.
Stackpole Carbon Co., St. Mary's, Pa.
United States Carbon Co. ("Copley Senior") 212 E 37th, New York
Universal Carbon Co., Dundee, Ill.
Van Nort Carbon Brush Co., St. Louis, Mo.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

1531—Brushes (Carpet Sweeper)

Miles Bros. & Co., 1957 Pitkin av, Brooklyn, N. Y.
Standard Brush Co., New Hartford, Conn.
Wooster Brush Co., Wooster, O.

1532—Brushes (Casting, Steel Wire)

See Brushes, Steel Wire

1533—Brushes (Celluloid)

Celluloid Co., 30 Washington pl, New York
Rubberset Co., 56 Ferry, Newark, N. J.

1534—Brushes (Chimney)

Browne F. W. (Wire), Farmington, N. H.
Hahn Arthur W., 7 Dominick, New York

1534a—Brushes (Complexion)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
Rubberset Co., 56 Ferry, Newark, N. J.

Brushes (Copper)

See Brushes, Sheet Metal

1535—Brushes (Corn Drill)

Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

1536—Brushes (Cuspidor)

Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Ox Fibre Brush Co., Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1537—Brushes (Cylinder or Wheel Bottom)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Hanlon & Goodman Co., 270 Pearl, New York
Schaefer, McLaughlin Co. (Cylinder), 395 Reed, Milwaukee, Wis.

1538—Brushes (Dust)

Bradley & Smith, 251 Pearl, New York
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Grand Rapids Brush Co., Grand Rapids, Mich.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.
Ox Fibre Brush Co., Frederick, Md.
Pollock Brush Co., Easton, Pa.
R. I. Brush Co. (Reversible), 50 Daniel av, Providence, R. I.
Rubberset Co., 56 Ferry, Newark, N. J.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
Wooster Brush Co., Wooster, O.

1539—Brushes (Dustless Floor)

Milwaukee Dustless Brush Co., 122 Sycamore, Milwaukee, Wis.
North Bridge Brush Co., Freeport, Ill.
Opie J. W. Brush Co., Kansas City, Mo.

Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.

1540—Brushes (Fibre, Vegetable)

National Brush Co. (Wooden Back and Staple), Aurora, Ill.
New Jersey Brush Co. ("Enjabeco"), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co. (Wooden Back and Staple Driven), Frederick, Md.

Brushes (File)

See Cards, File

1541—Brushes (Floor Polishing)

Bradley & Smith, 251 Pearl, New York
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Devoe & Reynolds Co. Inc., 101 Fulton, New York
Duncan Bros. & Wray Co. ("Ideal"), Ludlow Falls, O.
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co., Blanchester, O.
Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
New Jersey Brush Co., Bloomfield, N. J.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Standard Brush Co., New Hartford, Conn.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.
Wood-Mosaic Co., New Albany, Ind., & Rochester, N. Y.

1542—Brushes (Floor Sweeping)

Banner Utilities Co., Rutherford, N. J.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
Culcover M., 41 Fulton, New York
Felton D. D. Brush Co., Atlanta, Ga.
Felton S. A. & Son Co., Manchester, N. H.
Friedlander Paul N., 337 B'way, New York
Hanlon & Goodman Co., 270 Pearl, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Indianapolis Brush & Broom Mfg. Co. ("Capitol," Fibre, Hair, Bristles, etc), 26 Brush, Indianapolis, Ind.
Milton Chemical Co. ("B-B," Dustless), 156 Sixth, Cambridge, Mass.
New Jersey Brush Co., Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie Brush Co., Kansas City, Mo.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Pirring Mfg. Co., 4436 Greenview av, Chicago, Ill.
Pollock Brush Co., Easton, Pa.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Spring Handle Co., Abingdon, Ill.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

1543—Brushes (Floor Waxing)

See Brushes, Floor Polishing

1544—Brushes (Flue)

See also Brushes, Steel Wire

See also Cleaners, Flue

Browne F. W. (Wire), Farmington, N. H.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Farmington Brush & Scraper Co., Farmington, N. H.
Lay Jos. Co., Ridgeville, Ind.
North Bridge Brush Co., Freeport, Ill.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1545—Brushes (Foundry, Machine & Factory)

See also Brushes, Steel Wire

Bradley & Smith, 251 Pearl, New York
Brown Cotton Gin Co., New London, Conn.
Browne F. W. (Wire Casting, etc), Farmington, N. H.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
Clinton E. & Co., 2119 Arch, Phila., Pa.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Dennis W. J. & Co. (Steel Wire), 2222 W Lake, Chicago, Ill.
Devoe & Reynolds Co., Inc. (Steel Wire, etc.), 101 Fulton, New York.
Earle Brush Co., Columbia, Pa.
Farmington Brush & Scraper Co., Farmington, N. H.
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Felton S. A. & Son Co., Manchester, N. H.
Flint Warren F. (Steel), 220 Franklin, Boston, Mass.
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
Gilbert & Bennett Mfg. Co. (Wire), Georgetown, Conn.
Goode W. P. Brush Co., 136 North, Boston, Mass.
Haisler Bros. Co. (Machine, etc), 740 N Franklin, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hardy Frank H., Andover, Mass.
Heilman Machine Works, Evansville, Ind.
Herold Bros., 62 Public sq, Cleveland, O.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co., Blanchester, O.
Indianapolis Brush & Broom Mfg. Co. (Rattan Mixed), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. (Bristle, Wire, etc), Ridgeville, Ind.
McCormick J. S. Co., 25th A. V. R. R., Pittsburgh, Pa.
Mason Brush Works, Worcester, Mass.
Mulholland William, 79 White, New York
National Brush Co., Aurora, Ill.
Opie Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Railroad Brushes), 5405 E Hamilton, Cleveland, O.
Packard A. & Co., 166 Commercial, Boston, Mass.
Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.
Pilley Flue Brush Co. (Steel Wire), 604 S 3rd, St. Louis, Mo.
Pollock Brush Co., Easton, Pa.
Riddiford Bros. (Specialty Machine Brushes), 30 S 5th av, Chicago, Ill.
Rochester Brush Mfg. Co., Rochester, N. Y.
Schaefer, McLaughlin Co. (Fdry., Mch. & Factory), 395 Reed, Milwaukee, Wis.
Shanafelt Mfg. Co. (Big Brush for the Foundry), Canton, O.
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Thayer P. E. & Co., Pawtucket, R. I.
Thum Charles D., 150 N 3d, Phila., Pa.
Voelker Philip L., 2 Bucklin, Providence, R. I.
Ward J. B. & Sons, Paterson, N. J.
Warner Wm. E., 136 Centre, New York
Woodison E. J. Co. (Wire & Hair), Detroit, Mich.
Worcester Brush & Scraper Co. ("Royal" Worcester Casting Brush), Worcester, Mass.

1546—Brushes (Glass Cutters')

Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.

Brushes (Graining)

See Brushes, Paint, Varnish, etc.

1547—Brushes (Graphite)

American Carbon & Battery Co., East St. Louis, Ill.
Chapin Chas. E. Co., 201 Fulton, New York
DIXON, JOSEPH CRUCIBLE CO. (Dynamo, Motors, etc.), Jersey City, N. J.
See adv index at end of book
Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. See adv index at end of book
Graphite Metallizing Corp., Yonkers, N. Y.

Holmes-Fibre Graphite Mfg. Co., 5155 Wakefield, Phila., Pa.
Lederer F. J. Co., 400 Guilford, Buffalo, N. Y.
Morgan Crucible Co., 519 W 38th, New York
National Carbon Co., Madison av N W & W 11th, Cleveland, O.
Nungesser Carbon & Battery Wks of Nat'l Carbon Co., 1170 E 38th, Cleveland, O.
Speer Carbon Co., St. Marys, Pa.
United States Graphite Co., Saginaw, Mich.

1548—Brushes (Hat, Clothes & Hair)

Alpha Brush Co. ("Porslyn," "Spotless"), Troy, N. Y.
Ames, Bonner Co. ("A. B. C."), Toledo, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Celluloid Co., 36 Washington, New York
Crescent Brush Works, Troy, N. Y.
DU PONT E. I. DE NEMOURS & CO. (The Arlington Works), 725-27 B'way, New York
Hahn Arthur W. (Twisted Wire), 7 Dominick, New York
Herbert Brush Mfg. Co., Kingston, N. Y.
Hoyt Fred'k M. & Bro., Troy, N. Y.
Mohawk Brush Co., Albany, N. Y.
New Jersey Brush Co. (Clothes & Hat only), Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Ox Fibre Brush Co., Frederick, Md.
Rubberset Co., 56 Ferry, Newark, N. J.
Sonn A. L. Brush Co. ("Eclipse" Aluminum Faced), Troy, N. Y.
Standard Brush Co., New Hartford, Conn.
United States Brush Co., Potsdam, N. Y.
Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

1549—Brushes (Horse)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
Bookhop F. H., 145 38th, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Buckeye Churn Co., Sidney, O.
Burton A. & E. & Co., 73 Pearl, Boston, Mass.
Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
Darby Edw. & Sons Co. (Leather Back Bristle; Also Wire, Fibre & Rice Root), 239 Arch, Phila., Pa.
Earle Brush Co., Columbia, Pa.
Felton S. A. & Son Co., Manchester, N. H.
Grand Rapids Brush Co., Grand Rapids, Mich.
Haisler Bros. Co., 740 No Franklin, Chicago, Ill.
Hanlon & Goodman Co., 270 Pearl, New York
Hendee C. C. Co. (Wire "Dandy"), 48 7th, Milwaukee, Wis.
Herbert Brush Mfg. Co., Kingston, N. Y.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co. (Fibre & Bristle), Blanchester, O.
India Palmetto Brush Co., 720 Grand River av, Detroit, Mich.
Lay Jos. Co. ("Victor"), Ridgeville, Ind.
National Brush Co., Aurora, Ill.
Nelms & Co., 407 Commerce, Phila., Pa.
New Jersey Brush Co., Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie Brush Co., Kansas City, Mo.
Osborn Mfg. Co. (Wire), 5405 E Hamilton, Cleveland, O.
Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Schott J. B. Saddlery & Mfg. Co., Quincy, Ill.
Standard Brush Co. ("Jockey," "Handy," "Rub & Kury," "Fleetwood," "Charter Oak," "Solid Back"), New Hartford, Conn.
Wetherbee Geo. C. & Co., 49 Jefferson av, Detroit, Mich.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1550—Brushes (Hot Water Heater)

Browne F. W. (Wire), Farmington, N. H.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Farmington Brush & Scraper Co., Farmington, N. H.

Flint Warren F. (For Sectional Heaters), 220 Franklin, Boston, Mass.
 Mulholland William, 79 White, New York
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co. (Wire, Bristle or Fibre), 5405 E Hamilton, Cleveland, O.
PILLEY FLUE BRUSH CO. (Wire), 604 S 3d, St. Louis, Mo.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1551—Brushes (Lithographers')

Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Brushes (Marking)

See Brushes, Stencil

1552—Brushes (Milk Can)

Hanlon & Goodman Co., 270 Pearl, New York
 North Bridge Brush Co., Freeport, Ill.
 Opie J. W. Brush Co., Kansas City, Mo.
 Ox Fibre Brush Co., Frederick, Md.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Standard Brush Co. ("Dairy Queen," "Solid Back"), New Hartford, Conn.

1553—Brushes (Nail)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
 du Pont E. I. de Nemours & Co. (The Arlington Works), (Nail or Hand), 725-27 B'way, New York
 New Jersey Brush Co. (Leather Back), Bloomfield, N. J.
 North Bridge Brush Co., Freeport, Ill.
 Ox Fibre Brush Co., Frederick, Md.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Standard Brush Co., New Hartford, Conn.
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1554—Brushes (Paint, Kalsomine, Varnish, Etc.)

Ames-Bonner Co. ("A. B. C."), Toledo, O.
 Baker Brush Co. (Sign Writers', Artists', Soft Hair, Varnish, etc), 83 Grand, New York
 Bradley & Smith, 251 Pearl, New York
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
 Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
 Clinton E. & Co., 2119 Arch, Phila., Pa.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Dilley Wm., 22 N 5th av, Chicago, Ill.
 Felton S. A. & Son Co., Manchester, N. H.
 Fish Brush Factory, 4700 Lorain av, Cleveland, O.
 Flynn Bros., Brush Mfg. Co., Troy, N. Y.
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
 Gerts, Lombard & Co., 221 W Randolph, Chicago, Ill.
 Hanlon & Goodman Co., 270 Pearl, New York
 Hunter Brush Mfg. Co., Blanchester, O.
 Looby Wm. H., Centerbrook, Conn.
 Lucas John & Co., 322 Race, Phila., Pa.
 Miles Bros. & Co., 1957 Pitkin av, B'klyn, N. Y.
 New Jersey Brush Co., Bloomfield, N. J.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Packard A. & Co., 166 Commercial, Boston, Mass.
 Plitegoff Bros., 13 Crosby, New York
 Pollock Brush Co., Easton, Pa.
 Pushee Jno. C. & Sons, 3 Randolph, Boston, Mass.
 Ramus C. F. W., East Boston, Mass.
 Rennous, Kleinle & Co. ("Chinese"), 3221 Frederick av, Baltimore, Md.
 Rodriguez R. E., 56 Warren, New York
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Sheets Wm. H., Jr. Co., 121 S Charles, Baltimore, Md.
 Thum Chas. D., 150 N 3d, Phila., Pa.
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
 Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.

True Bros., Portland, Me.
 United Brush Mfrs., 203 Lafayette, New York
 Warner W. E., 136 Centre, New York
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
 Whittemore W. L. & Son, Hartford, Conn.
 Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
 Wooster Brush Co. ("Wooster" Line), Wooster, O.

1555—Brushes (Paperhangers')

Paste, Smoothing, Stipplers, etc.

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Hanlon & Goodman Co., 270 Pearl, New York
 New Jersey Brush Co., Bloomfield, N. J.
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1556—Brushes (Platers', Polishers', Etc.)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
 Blumenthal Herman & Co. (Brass, Copper & Circular, etc), 241 Centre, New York
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Dixon Wm. (Wire, Bristle, etc, "Tampico" Goat Hair), 39 John, New York
 Foot Mfg. Co. (Bristle & Wire Lathe, etc), 36 Germania av, Jersey City, N. J.
 Gesswein F. W. Co., 16 John, New York
 Gornell E. Sons Co., 547 Quincy, Chicago, Ill.
 Haisler Bros. Co., 740 N Franklin, Chicago, Ill.
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Mahler P. & Sons, 299 Pearl, New York
 Manufacturers' Brush Co. ("Advance" Sectional), 1958 W 45th, Cleveland, O.
 National Brush Co., Aurora, Ill.
 Newark Brush Co., 253 Mulberry, Newark, N. J.
 North Bridge Brush Co., Freeport, Ill.
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Standard Brush Co., New Hartford, Conn.

1557—Brushes (Pneumatic Spray)

See Also Brushes Air

Eclipse Air Brush Co., 79 Orange, Newark, N. J.
 Eureka Pneumatic Spray Co., 62 9th av, New York
 Fixture Spray Co., 545 W 22d, New York
 Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
 Metals Coating Co. of Am., 100 Summer, Boston, Mass.
 Paasche Air Brush Co., 1219 W Washington blvd, Chicago, Ill.
 Sray Engineering Co. ("Spraco") Paint Gun, 93 Federal, Boston, Mass.
 Star Brass Works ("Binks"), 319 N Albany av, Chicago, Ill.
 Vapor Valve Co., St. Louis, Mo.

1558—Brushes (Power For Use With)

SCHAEFER, McLAUGHLIN CO., 395 Reed, Milwaukee, Wis.

1559—Brushes (Radiator)

Ames, Bonner Co., Toledo, O.
 Banner Utilities Co., Rutherford, N. J.
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Culicover M., 41 Fulton, New York
 Denniss O. Sons, Troy, N. Y.
 Dennis' W. J. & Co. (Steel Wire), 2222 W Lake, Chicago, Ill.
 Hahn Arthur W., 7 Dominick, New York
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Hunter Brush Mfg. Co. (Horsehair), Blanchester, O.
 Keyes-Davis Co., Battle Creek, Mich.
 King Mfg. Co., Newark, N. J.

North Bridge Brush Co., Freeport, Ill.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Pollock Brush Co., Easton, Pa.
 Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
 Warren A. J. Brush Co., 79 Elm, Cincinnati, O.
 Whiting J. L.-J. J. Adams Co., 700 Harrison av, Boston, Mass.

1560—Brushes (Railroad)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
 Opie Brush Co. (All Kinds), Kansas City, Mo.
 Osborn Mfg. Co. (All Kinds), 5405 E Hamilton, Cleveland, O.
 Pollock Brush Co., Easton, Pa.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Thum Chas. D., 150 N 3d, Phila., Pa.
 Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
 Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.

1561—Brushes (Roofing)

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Hanlon & Goodman Co., 270 Pearl, New York
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.
 Lay Jos. Co., Ridgeville, Ind.
 New Jersey Brush Co. ("Tomahawk" Tar, "Dakota" Flat), Bloomfield, N. J.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co. (Roof Paint), 5405 E Hamilton, Cleveland, O.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1562—Brushes (Rubber)

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
 Faultless Rubber Co., Ashland, O.
 Tyler Rubber Co. (Bath, Shampoo, Flesh & Toilet), Andover, Mass.

1563—Brushes (Scrubbing)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
 Blumenthal, Herman & Co., 241 Centre, New York
 Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
 Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
 Dennis W. J. & Co., 2222 W Lake, Chicago, Ill.
 Earle Brush Co., Columbia, Pa.
 Eisenmann S. J., 369 B'way, New York
 Gerts Lombard & Co., 221 W Randolph, Chicago, Ill.
 Hanlon & Goodman Co., 270 Pearl, New York
 Hendee C. C. Co., 48 7th, Milwaukee, Wis.
 Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.

Hunter Brush Mfg. Co. (Fibre, etc), Blanchester, O.
India Palmetto Brush Co., 720 Grand River av, Detroit, Mich.
 Indianapolis Brush & Broom Mfg. Co. ("Capitol"), 26 Brush, Indianapolis, Ind.
 Lay Jos. Co., Ridgeville, Ind.
 Milford Mfg. Co. ("All Angle"), Mansfield, O.
 National Brush Co., Aurora, Ill.
 New Jersey Brush Co. ("Rajah" Palm Fibre Deck), Bloomfield, N. J.
 North Bridge Brush Co., Freeport, Ill.
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co., Frederick, Md.
 Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.
 Pollock Brush Co., Easton, Pa.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Standard Brush Co. ("Kleenquick," "Dude," "Tot," "Solid Back," "Pollywog," "Toad," "Frog"), New Hartford, Conn.
 Thurnauer G. M. Co., 6 E 20th, New York
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.
 Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.

1564—Brushes (Set-In-Rubber)

Erskine James Lowe Co. (Mfrs.), 462 Greenwich, New York
 Hanlon & Goodman Co. ("Rubristo"), 270 Pearl, New York
 Pitegoff Bros., 13 Crosby, New York
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
 Whiting Jno. L. & J. J. Adams Co., 690 Harrison av, Boston, Mass.

1565—Brushes (Sewer Cleaning)

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1566—Brushes (Shaving)

Ascher, Leopold Co., 116 Chambers, New York
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Cattaraugus Cutlery Co., Little Valley, N. Y.
 du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
 Kampfe Bros. ("Kambro" Set in Rubber), 3303 Atlantic av, Brooklyn, N. Y.
 Mayd-Well Brush Co., ("Mayd-Well"), Troy, N. Y.
 North Bridge Brush Co., Freeport, Ill.
 Pitegoff Bros., 13 Crosby, New York
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1567—Brushes (Sheet Metal)

Chapin Chas. E. Co., 201 Fulton, New York
 Cutler-Hammer Mfg. Co., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
 Eureka Co., North East, Pa.
 Fleck Carbon Co., 71 W B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Ohio Elec. Specialty Mfg. Co., Troy, O.
 Perfection Supply Co. ("Dynamo"), 98 Park pl, New York
 Phila. Electrical & Mfg. Co. ("Pemco"), 1236 N 31st, Phila., Pa.
 Walsh J. F. Co., Pittsfield, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1568—Brushes (Shoe)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
 Bradley & Smith, 251 Pearl, New York
 Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.

Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Dennins O. Sons, Troy, N. Y.
 Earle Brush Co., Columbia, Pa.
 Gilbert E. T. Mfg. Co. (Polishers), Rochester, N. Y.
 Herbert Brush Mfg. Co., Kingston, N. Y.
 Hoyt Fred'k M. & Bro., Troy, N. Y.
 Lay Jos. Co., Ridgeville, Ind.
 Monroe Novelty Co., Rochester, N. Y.
 National Brush Co., Aurora, Ill.
 North Bridge Brush Co., Freeport, Ill.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co., Frederick, Md.
 Parks & Parks, Troy, N. Y.
 Pollock Brush Co., Easton, Pa.
 Standard Brush Co., New Hartford, Conn.
 Thayer P. E. & Co., Pawtucket, R. I.
 Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

1569—Brushes (Sink)

Bookhop F. H., 151 38th, Brooklyn, N. Y.
 Bradley & Smith, 251 Pearl, New York
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
 Farmington Brush & Scraper Co., Farmington, N. H.
 Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
 Fogarty Philip & Co. ("Anchor"), Wyona, Brooklyn, N. Y.
 Hamblin & Russell Mfg. Co. ("H. & R." Wire), Worcester, Mass.
 Hendee C. C. Co. (Wire), 48 7th, Milwaukee, Wis.
 Hunter Brush Mfg. Co. (Fibre, etc), Blanchester, O.
 Morgan Spring Co., Worcester, Mass.
 National Brush Co., Aurora, Ill.
 North Bridge Brush Co., Freeport, Ill.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co., Frederick, Md.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
 Plunkett Chas., 205 Duane, New York
 Spencer Wire Co. (Wire), Worcester, Mass.
 Thurnauer G. M. Co., 6 E 20th, New York
 Woods-Sherwood Co. (Wire), Worcester, Mass.

1570—*Brushes (Special)

SCHAEFER, McLAUGHLIN CO. (Special Brushes made from Blue Prints), 395 Reed, Milwaukee, Wis.

1571—Brushes (Spiral)

Browne F. W. (Wire), Farmington, N. H.
 Farmington Brush & Scraper Co., Farmington, N. H.
 Foot Mfg. Co. (Bristle for Gunsmiths, Bottles, etc), 36 Germania av, Jersey City, N. J.
 Opie Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.

1572—Brushes (Steel Wire)

See also Brushes, Foundry, Machine, etc.
 American Stamping & Mfg. Co., Park bldg., Pittsburgh, Pa.
 Browne F. W. (For Furnaces, Flues, Heaters, Castings, etc), Farmington, N. H.
 Bunc Jno. J. & Co., 155 Chambers, New York
 Blumenthal Herman & Co., 241 Centre, New York
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
 Dean O. M. & Sons, Worcester, Mass.
 Dennis W. J. & Co. (Butcher, Radiator, Painters, File, Scratch, Foundry, etc), 2222 W Lake, Chicago, Ill.
 Farmington Brush & Scraper Co., Farmington, N. H.
 French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.
 Halsted Brush Co., 71 Park pl, New York
 Hanlon & Goodman Co., 270 Pearl, New York

Indianapolis Brush & Broom Mfg. Co. ("Capitol," Push, etc), 26 Brush, Indianapolis, Ind.
 Mahler P. & Sons, 299 Pearl, New York
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Phoenix Brush & Mfg. Co., 160 N 5th av, Chicago, Ill.
 Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.
 Ridgeley Trimmer Co., Springfield, O.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Spencer Wire Co. (Sink, etc), Worcester, Mass.
 Woodison E. J. Co., Detroit, Mich.

1573—Brushes (Stencil)

Bradley & Smith, 251 Pearl, New York
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Chicago Brush Mfg. Co., 178 N La Salle, Chicago, Ill.
 Devoe & Raynolds Co., Inc., 101 Fulton, New York
 Hanlon & Goodman Co. ("Perfection"), 270 Pearl, New York
 Hunter Brush Mfg. Co., Blanchester, O.
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 Hamilton av, N. W. Cleveland, O.
 Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Whiting John L.-J. J. Adams Co., 690 Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
 Harrison av, Boston, Mass.

1574—Brushes (Stone Cleaning)

Diamond Broom Co. (Steel Wire), 114 Warren, New York
 Opie J. W. Brush Co., Kansas City, Mo.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1575—Brushes (Stove)

Ames, Bonner Co. ("A. B. C."), Toledo, O.
 Bradley & Smith, 251 Pearl, New York
 Burton A. & E. & Co., 73 Pearl, Boston, Mass.
 Dennins O. Sons, Troy, N. Y.
 National Brush Co., Aurora, Ill.
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Ox Fibre Brush Co. ("Ox Fibre"), Frederick, Md.
 Pollock Brush Co., Easton, Pa.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
 Standard Brush Co., New Hartford, Conn.
 Whiting John L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

Brushes (Street & Stable)

See Brooms, Street & Stable

1576—Brushes (Tailors')

Ames, Bonner Co. ("A. B. C."), Toledo, O.
 Opie J. W. Brush Co., Kansas City, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

1577—Brushes (Tanners')

Rubberset Co., 56 Ferry, Newark, N. J.
 Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.

Brushes (Tar)

See Brushes, Roofing

1578—Brushes (Tooth)

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
 Celluloid Co., 36 Washington pl, New York
 du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
 Florence Mfg. Co., Florence, Mass.
 Indexo Co., 33 W 42d, New York
 Nobin Tooth Brush Co., 684 B'way, New York
 North Bridge Brush Co., Freeport, Ill.

Rubberset Co. ("Rubberset"), 56 Ferry, Newark, N. J.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
White S. S. Dental Mfg. Co., 12th & Chestnut, Philadelphia, Pa.

1579— Brushes (Tumbler)
See Brushes, Bottle

1580— Brushes (Type Cleaning)
Hendee C. C. Co., Milwaukee, Wis.

1581— Brushes (Vacuum Cleaner)
Ames, Bonner Co., Toledo, O.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Schaefer McLaughlin Co., 395 Reed, Milwaukee, Wis.

1582—Brushes (Wheel, Steel Wire)
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Brushes (Whitewash)

See Brushes, Paint, Kalsomine, Varnish, etc.

1583— Brushes (Window)

See also Cleaners, Window
Banner Utilities Co., Rutherford, N. J.
Blumenthal Herman & Co., 241 Centre, New York
Bradley & Smith, 251 Pearl, New York
Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.
Burton, A. & E. & Co., 73 Pearl, Boston, Mass.
Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
Dennis, W. J. & Co. ("W. J. Dennis," Rubber, Brass & Wood Frame), 2222 W Lake, Chicago, Ill.

Earle Brush Co., Columbia, Pa.
Herrick P. R. & Co., 3843 W Lake, Chicago, Ill.
Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
Hunter Brush Mfg. Co. (Bristle), Blanchester, O.
Indianapolis Brush & Broom Mfg. Co. ("Capital"), 26 Brush, Indianapolis, Ind.
Lay Jos. Co. ("Victor" Round & Flat), Ridgeville, Ind.
Miles Bros. & Co., 1957 Pitkin av, B'klyn, N. Y.
New Jersey Brush Co., Bloomfield, N. J.
North Bridge Brush Co., Freeport, Ill.
Opie Brush Co. (Car Washing), Kansas City, Mo.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Pollock Brush Co., Easton, Pa.
Rhode Island Brush Co., 50 Daniel av, Providence, R. I.
Rubberset Co., 56 Ferry, Newark, N. J.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thayer P. E. & Co., Pawtucket, R. I.
Tottle Wm. A. & Co., 124 Hanover, Baltimore, Md.
Whiting J. L.-J. J. Adams Co., 690 Harrison av, Boston, Mass.

Brushes (Wire)

See Brushes, Steel Wire

1584—Brushes (Woven Wire)

For Dynamos & Motors

Barkeley Electric Mfg. Co. ("Sparkless"), Middletown, O.
Boston Woven Wire Brush Co., Lynn, Mass.
Chapin Chas. E. Co. ("Dickey"), 201 Fulton, New York
Eureka Co., North East, Pa.
Flint Warren F., 220 Franklin, Boston, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y. See adv index at end of book
Goldmark Jas. Co., (German-American), 83 Warren, New York

Hart & Co., Fostoria, O.
Ohio Electric Specialty Mfg. Co., Troy, O.
Perfection Supply Co., 98 Park pl, New York
Salem Electrical Supply Co., Salem, Mass.
Thompson-Bonney Co. ("Acme"), 18 Henry, Brooklyn, N. Y.
Worcester Brush & Scraper Co., Worcester, Mass.

1584a—*Buckets (Automatic)

See Also Buckets, Self-Dumping

THE HAYWARD COMPANY
DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
See adv index at end of book

1585—Buckets (Bottom Dumping)

Acme Equipment & Engineering Co., Garfield bldg, Cleveland, O.
Akron Cultivator Co., Akron, O.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Automatic Concrete Mixer Co. (Hains Concrete), 44 Whitehall, New York
Biehl Iron Wks, Reading, Pa.
Easton Car & Construction Co., 4th St, Easton, Pa.
Focht Geo. Sons, Hoboken, N. J.
Insley Mfg. Co. (Controllable Center Dump), 3500 E St. Clair, Indianapolis, Ind.
Lakewood Engineering Co. ("Lakewood," "Eclipse"), Cleveland, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E. Pearl, Cincinnati, O.
Mansfield Engineering Co. The ("Pioneer"), cor E Market & Penna., Indianapolis, Ind.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.

Hendricks' Commercial Register

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ORENSTEIN-ARTHUR KOPPEL CO.

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 Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Tidewater Iron Works, Hoboken, N. J.
 Union Iron Works, Hoboken, N. J.
 Williams G. H. Co., Erie, Pa.

1586— Buckets (Center Dump)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Insley Mfg. Co. (Controllable), 3500 E St. Clair, Indianapolis, Ind.
 Littleford Bros., 444 E. Pearl, Cincinnati, O.
STUEBNER G. L. IRON WORKS, (Controllable), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Williams G. H. Co., Erie, Pa.

1587— Buckets (Clam Shell)

American Manganese Steel Co. ("Amsco," "Stag," Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Brown Hoisting Machinery Co., 4403 St. Claire N E, Cleveland, O.
See adv index at end of book
 Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.
BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Dobbie Foundry & Machine Co., Main office & Works, Niagara Falls, N. Y.
 Haiss Geo. Mfg. Co., 141st & Rider av, N. Y.

THE HAYWARD COMPANY DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
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Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
 Industrial Works, Bay City, Mich.
 Kiesler Jos. F. Co. ("Kiesler"), N Sangamon & W Huron, Chicago, Ill.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
 McMyler-Interstate Co. (Steam), Bedford, O.
 Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
 Neumeyer & Dimond ("Demag", Imp), 82 Beaver, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
 Obenberger J. & Son Co., 125 Barclay, Milwaukee, Wis.
 Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Quintard Iron Works Co. ("Arnold" Pneumatic), 742 E 12th, New York
 Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

When writing to firms listed in this book please mention
HENDRICKS' COMMERCIAL REGISTER

Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.
 Whiting Foundry Equipment Co., Harvey, Ill.
 Williams G. H. Co. ("Faivrette"), Erie, Pa.

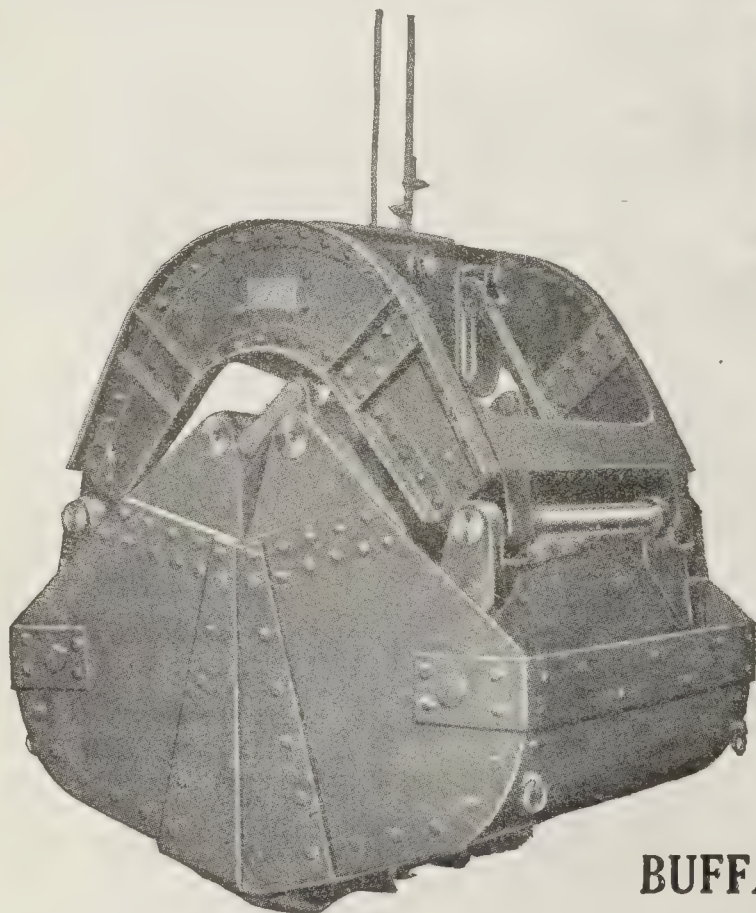
1588—*Buckets (Clam Shell, Electric Motor)

THE HAYWARD COMPANY DIGGING MACHINERY

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1589— Buckets (Coal & Ore)

See also Tubs, Hoisting & Dumping
 Acme Equipment & Engineering Co., Garfield bldg, Cleveland, O.
 Akron Cultivator Co., Akron, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Baltimore Car & Foundry Co., Pittsburgh, Pa.
BARTLETT C. O. & SNOW CO., French St, Cleveland, O.
See adv index at end of book
 Biehl Iron Wks, Reading, Pa.
 Brown Hoisting Machinery Co., 4403 St. Claire N E, Cleveland, O.
See adv index at end of book
 Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.
BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book



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For handling all kinds of material.

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G. L. Stuebner, Iron Works

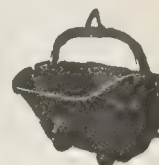
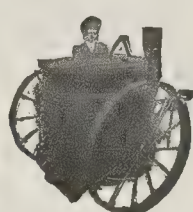
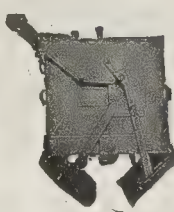
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Long Island City

New York, N. Y.



Davis F. M. Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.

Dobbie Foundry & Machine Co., Main office & Works, Niagara Falls, N. Y.

DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works, Dover, N. J. *See adv index at end of book*
Easton Car & Construction Co., 4th St, Easton, Pa.

Focht Geo. Sons, Hoboken, N. J.
Halss Geo. Mfg. Co., 141st & Rider av, New York

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*

Hendy Joshua Iron Works (Ore.), 75 Fremont, San Francisco, Cal.

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.

Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Kiesler Jos. F. Co., N Sangamon & W Huron, Chicago, Ill.

Kilbourne & Jacobs Mfg. Co. (Dump), Columbus, O.

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

Littleford Bros., 444 E Pearl, Cincinnati, O.

Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*

Lorain Boiler Works, Lorain, O.

Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.

Neumeyer & Dimond ("Demag," Imp), 82 Beaver, New York

Obenberger Jos. & Son Co. (Automatic Dumping), 125 Barclay, Milwaukee, Wis.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.

Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.

STUEBNER G. L. IRON WORKS (Self Dumping & Righting), Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*

Traylor Engineering & Mfg. Co. (Ore Only), Allentown, Pa.

Union Iron Works, Hoboken, N. J.

Watt Mining Car Wheel Co., Barnesville, O.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Williams G. H. Co., Erie, Pa.

1590— *Buckets (Concrete)

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*

Buckets (Dinner)

See Pails, Dinner

1591— Buckets (Dope)

Johnston Mfg. Co., Urbana, O.
Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*

1592—Buckets (Drag Line Scraper)

Brown Hoisting Machinery Co., 4403 St. Claire N E, Cleveland, O. *See adv index at end of book*

Browning Co., E 162nd & Waterloo rd, N E, Cleveland, O.

Channon H. Co., 150 N Market, Chicago, Ill.

Channon Jas. H. Mfg. Co. ("Channon" Adjustable), 227 W Erie, Chicago, Ill.

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*

Dobbie Foundry & Machine Co., ("Iver-son"), Niagara Falls, N. Y.

THE HAYWARD COMPANY DIGGING MACHINERY

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Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*

Mansfield Engineering Co. The ("Pioneer"), cor E Market & Penna, Indianapolis, Ind. *See adv index at end of book*

Monighan Machine Co., 2032 Carroll av, Chicago, Ill.

Page Engineering Co., 189 W Madison, Chicago, Ill.

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1593—Buckets (Dredging & Excavating)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

American Bridge Co., 30 Church, New York

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Blow Steel Construction Co., Farmers Bk. bldg, Pittsburgh, Pa.

CLYDE IRON WORKS, Duluth, Minn.
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Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

Dull Raymond W. Co., 111 W Washington, Chicago, Ill.

Ervien Chas. W. & Co., Venango & G, Phila., Pa.

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50 CHURCH STREET, NEW YORK
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Hensley James W. & Co. (Center Gravity), Indianapolis, Ind.

Hoisting Machinery Co., 50 Church, New York

Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Kiesler Jos. F. Co., N. Sangamon & W Huron, Chicago, Ill.

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
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Users will receive the grateful thanks of the publishers if they will send a note to the Editor of such errors and omissions as are noticed.

Manitowoc Engineering Works, Manitowoc, Wis.
Mansfield Engineering Co. The ("Pioneer"), cor E. Market & Penna, Indianapolis, Ind. *See adv index at end of book*
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Osgood Co., Marion, O.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
Page Engineering Co. ("Page" Scraper Excavator), 189 W Madison, Chicago, Ill.
Ruddock Bucket Co., University rd, Cleveland, O.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Wellman-Seaver-Morgan Co., ("Hulett"), Cleveland, O.
Williams G. H. Co., Erie, Pa.

1594—Buckets (Elevator & Conveyor)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Beckley Perforating Co., Garwood, N. J.
Caldwell H. W. & Son Co. ("Best," Seamless Steel), 17th & Western av, Chicago, Ill.
Chain Belt Co., (Malleable), Milwaukee, Wis.
Clark W. J. Co. ("Salem"), Salem, O.
Codd E. J. Co., 700 S Caroline, Baltimore, Md.
Cross Engineering Co., Carbondale, Pa.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Easton Car & Construction Co., 4th St, Easton, Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Federal Malleable Co. (Malleable Iron), West Allis, Wis.
Focht Geo. Sons, Hoboken, N. J.
Hendrick Mfg. Co., Carbondale, Pa.
Hudson Machinery Co., Passaic, N. J.
Insley Mfg. Co. (Automatic, Concrete), 3500 E St. Clair, Indianapolis, Ind.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O. *See adv index at end of book*
Manganese Steel Rail Co., 30 Church, New York
Mansfield Engineering Co. The ("Pioneer"), cor E Market & Penna, Indianapolis, Ind. *See adv index at end of book*
Marseilles Co., East Moline, Ill.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.

Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Moore & Lorenz Co. ("Salem," Also Grain), 2144 W Fulton, Chicago, Ill.
Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Pennsylvania Eng. Works, New Castle, Pa.
Remaly Mfg. Co., Tamaqua, Pa.
Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
Savage W. J. Co., Knoxville, Tenn.
Schmahl Jacob, 28 Lloyd, Buffalo, N. Y.
Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Standard Sand & Machine Co., 5151 St. Clair av, Cleveland, O.
Stephens-Adamson Mfg. Co. ("S. A."), Aurora, Ill.
Union Iron Works, Hoboken, N. J.
Union Iron Works, Spokane, Wash.
United Iron Works Co., Springfield, Mo.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
Willcox Engineering Co. (For Hauling Salt), 1525 Holland av, Saginaw, Mich.
Wolf Co., Chambersburg, Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York

Buckets (Fibre)

See Pails, Fibre

1595—Buckets (Fire)

See also Pails, Galvanized Iron
Also Buckets, Rubber
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
Cordley & Hayes (Paper), 7 Leonard, N. Y.
GEUDER, PAESCHKE & FREY CO. (Galvanized Iron), Milwaukee, Wis.
See adv index at end of book
Hayward S. F. & Co., 250 W. 54th, New York
Hunt & Dornan Mfg. Co., 1600 E 24th, N. E, Cleveland, O.
Kraft A. C., 323 W Lake, Chicago, Ill.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
Northern Fire Apparatus Co. ("Waggoner" Sanitary), 2422 University av S E, Minneapolis, Minn.
Panama Tank Co., Carr av & I. C. R. R., New Orleans, La.
Rochester Can Co. (Galvanized Iron), Rochester, N. Y.
See adv index at end of book
Safety Fire Extinguisher Co., 291 7th av, New York
Steel Basket Co. (Corrugated & Plain), Cedar Rapids, Ia.
Whitaker-Glessner Co., (Wheeling Corrugating Dept.) (Galvanized & Painted Red Outside), Wheeling, Va.
Zelnicker Walter A. Supply Co. ("Zelnicker" Conical), 325 Locust, St. Louis, Mo.

Buckets (Galvanized Iron)

See Pails, Galvanized Iron

1596—*Buckets (Gold Dredging)

JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

1597—Buckets (Grab)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Andresen-Evans Co., 80 E Jackson blvd, Chicago, Ill.
Brosius Edgar E., Benedum Trees bldg, Pittsburgh, Pa.
BROWN HOISTING MACHINERY CO. ("Brownhoist"), 4403 St. Clair N E, Cleveland, O. *See adv index at end of book*
Browning Co. (Automatic Square Type), E 162d & Waterloo rd N E, Cleveland, O.
Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.
See adv index at end of book
Euclid Crane & Hoist Co., Euclid, O.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Industrial Works, Bay City, Mich.
LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Owen Bucket Co. ("Owen"), Rockefeller bldg, Cleveland, O.
Pawling & Harnischfeger Co. ("P. & H." for Foundry Use), Milwaukee, Wis.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.
Whiting Foundry Equipment Co. ("Watters" Quick Detachable), Harvey, Ill.

1598—Buckets (Grease)

Eagle Glass & Mfg. Co. ("Eagle" Steel), Wellsburg, W. Va.
GEM MFG. CO. ("Gem" Brazed Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*
Lane C. L. ("Wooden"), East Swanzey, N. H.

1599—Buckets (Hard Rubber)

American Hard Rubber Co. (For Acids, Dyes, Brine, etc), 9 Mercer, New York

1600—*Buckets (Hoisting)

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

1601—Buckets (Maple Sap)

Grimm G. H. ("Grimm"), Rutland, Vt.

1602— Buckets (Minnow)

Deshler Mail Box Co. ("Jones"), Deshler, O.
Phillips & Butterff Mfg. Co., Nashville, Tenn.

1603—Buckets (Orange Peel)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Browning Co., E 162d & Waterloo rd, N E, Cleveland, O.

BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O.
See adv index at end of book
Dobble Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.

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DIGGING MACHINERY

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Industrial Works, Bay City, Mich.
Kiesler Jos. F. Co., N Sangamon & W Huron, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

McMyler-Interstate Co., Bedford, O.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

Buckets (Ore)

See Buckets, Coal & Ore

1604— Buckets (Powder)

Brown M. Co., Wapakoneta, O.

1605— Buckets (Pump)

See also Buckets, Rubber

Cleveland Galvanizing Works Co., 3924 Cooper av, N E, Cleveland, O.
Cronk & Carrier Mfg. Co. (Chain Pumps), Elmira, N. Y.
Wyckoff A. & Son Co. (Chain Pumps & Buckets), Elmira, N. Y.

1606— Buckets (Rubber)

Combination Rubber Mfg. Co., Bloomfield, N. J.

Continental Rubber Works, Erie, Pa.
Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.

See adv index at end of book
Fairfield Rubber Co., Fairfield, Conn.
Freshour Henry C. ("Star"), Bridgeport, Conn.

Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hodgman Rubber Co., 8 W 48th, New York

Home Rubber Co., Trenton, N. J.

Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*

National India Rubber Co. ("Pioneer"), Bristol, R. I.

New York Rubber Co., Reade & Church, New York

Peerless Rubber Mfg. Co., 31 Warren, New York

Pennsylvania Rubber Co. (Pump), Jeanette, Pa.

Republic Rubber Co., Youngstown, O.

1607—*Buckets (Sand Handling)

Brown Hoisting Machinery Co., 4403 St. Claire av N E, Cleveland, O.

See adv index at end of book
BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.
See adv index at end of book

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*

Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*

JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book
Littleford Bros., 444 E Pearl, Cincinnati, O.

Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*

1608—Buckets (Scraper, Clam Shell)

Brown Hoisting Machinery Co., 4403 St. Claire av N E, Cleveland, O.

See adv index at end of book

BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.

See adv index at end of book

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

Buckets (Scraper Excavator)

See Buckets, Drag Line Scraper

1609—Buckets (Self-Dumping)

See also Tubs, Hoisting & Dumping

Acme Equip. & Engng. Co., Garfield bldg, Cleveland, O.

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*

Biehl Iron Wks. (Self-Righting), Reading, Pa.

Easton Car & Construction Co., 4th St, Easton, Pa.

Focht Geo. Sons, Hoboken, N. J.

HAYWARD CO. THE, 50 Church, New York

HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*

Insley Mfg. Co. (Concrete Elevator), 3500 E St. Clair, Indianapolis, Ind.

JEFFERY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Kilbourne & Jacobs Mfg. Co. ("Surelock" Steel), Columbus, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

LAKEWOOD ENGINEERING CO., Cleveland, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book*

United Iron Works Co., Springfield, Mo.

Williams G. H. Co., Erie, Pa.

1610—Buckets (Self-Loading Powder Scraper)

Brown Hoisting Machinery Co., 4403 St. Claire av N E, Cleveland, O.

See adv index at end of book

Page Engineering Co. ("Page" Automatic Dumping), 189 W Madison, Chicago, Ill.

Williams G. H. Co., Erie, Pa.

1611— Buckets (Sewer)

Akron Cultivator Co., Akron, O.

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*

Eagle Glass & Mfg. Co. ("Eagle" Welded Steel), Wellsburg, W. Va.

Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*

National Enameling & Stamping Co., 411 5th av, New York

Potter Mfg. Co., 3505 Washington, Indianapolis, Ind.

Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.

Williams G. H. Co., Erie, Pa.

1612—*Buckets (Shoveling)

Brown Hoisting Machinery Co. ("Brown-hoist" for Limestone, Coal, Ore, Clay, etc.), 4403 St. Clair, N. E., Cleveland, O. *See adv index at end of book*

Buckets (Slag)

See Buckets, Sand Handling

Buckets (Stone)

See Buckets, Elevator & Conveyor

1613— *Buckets (Tar)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book

Buckets (Water)

See Pails, Galvanized Iron

1614— Buckets (Well)

See also Pails, Galvanized Iron

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*

Lown & Son, Poughkeepsie, N. Y.

National Enameling & Stamping Co. (Artesian, Bored, etc), 411 5th av, New York

New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.

Phillips & Butterff Mfg. Co., Nashville, Tenn.

Richmond Cedar Works ("Dixie," "Victor," "Jumbo," "King," "Crown," "White Oak Iron Bound"), Richmond, Va.

Schluter Mfg. Co., Broadway & John av, St. Louis, Mo.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

Union Cooperage Co. (Wooden), 2nd & Penrose, St. Louis, Mo.

Whitaker-Glessner Co., (Wheeling Corrugating Co.) (Galvanized Steel; also Crimped & Cone Top for Artesian or Bored Wells), Wheeling, W. Va.

Buckets (Wooden)

See Pails & Buckets, Wood

1615—Buckets & Pails (Collapsible)

Abercrombie David T. Co., 17 Warren, New York

Abercrombie & Fitch Co., Madison av & 45th, New York

Defiance Welding Co. ("Boko"), Defiance, O.

Goodrich B. F. Co., Akron, O.

Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hayward S. F. & Co. (Folding Buckets), 250 W 54th, New York

Hodgman Rubber Co., 8 W 40th, New York

Martin Mfg. Co., Lancaster, O.

Mechanical Rubber Co., 73 Reade, New York

National India Rubber Co., Bristol, R. I.

National Mfg. Co., Des Moines, Ia.

Pillsbury Mfg. Co. ("Wantopail"), 322 Hennepin av, Minneapolis, Minn.

Planet Co. ("Duplex"), Westfield, Mass.

Pneumatic Mfg. Co. (Canvas), 290 Prospect Park W, Brooklyn, N. Y.

Safety Fire Extinguisher Co., 291 7th av, New York

Stanley, Wm. W. (Canvas, Waterproof Buckets), 50 Church, New York.

1616— Buckles (Back Band)

STANLEY WORKS ("Samson" & "Stanley"), New Britain, Conn.

See adv index at end of book

1617— Buckles (Bale)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill. *See adv index at end of book*

American Nut & Bolt Fastener Co., Ontario & Doerr, Pittsburgh, Pa.

Baling Tie Buckle Co. ("Star," "Hercules," "Bull Dog" Baling Tie Buckles), Waterloo rd, Cleveland, O.

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.

Oliver Iron & Steel Co. (Cotton Tie), S 10th & Muriel, Pittsburgh, Pa.

Sharon Steel Hoop Co. (Cotton Tie, etc.), Sharon, Pa.

1618—Buckles (Belt & Strap)

Alma Mfg. Co., 611 S Monroe, Baltimore, Md.
 American Buckle Co., West Haven, Conn.
 Capron Co. (Self-Locking Automatic Gold & Silver), 70 Ship, Providence, R. I.
 Conlan B. & Co., 87 Hamilton, Newark, N. J.
 Connecticut Web & Buckle Co., Bridgeport, Conn.
 Conlan Bernard & Co., 87 Hamilton, Newark, N. J.
 Havell Mfg. Co., 284 Washington, Newark, N. J.
 Jenkinson R. C. & Co. (Strap), 293 Washington, Newark, N. J.
 Krischer's Mfg. Co. (also Suspender), 186 Lewis, New York
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
 O'Neill & O'Neill (Ladies'), 82 Union, Newark, N. J.
 Osborn J. K. Mfg. Co., Harrison, N. J.
 Poeter E. & Co., 251 N. J. R. R. av., Newark, N. J.
 Riley-Koltz Mfg. Co., 17 Mulberry, Newark, N. J.
 Smith & Griggs Mfg. Co., Waterbury, Conn.
 Turkeltaub M. & Son, 38 E 12th, New York
 Van Keuren & Son, Harrison, N. J.
 Waterbury Button Co., Waterbury, Conn.
 Whitehouse H. G., 44 Elm, Newark, N. J.

1619—Buckles (Harness)

Colton Mfg. Co., Montpelier, Vt.
 Eberhard Mfg. Co., Cleveland, O.
 Elbel Co., Canton, Ohio
 Enterprise Mfg. Co. ("Pfueger"), Akron, O.
 Imperial Bit & Snap Co. (& Loops), Racine, Wis.
 Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
 North & Judd Mfg. Co. ("Anchor Brand," "Tungard"), New Britain, Conn.
 Rubber & Celluloid, Harness Trimming Co., 56 Ferry, Newark, N. J.

1620-1—Buckles (Lock)

Stimpson Edw. B. Co. ("Lynch-Gapen"), 68 Franklin av., Brooklyn, N. Y.

1622—Buckles (Shoe)

Alterson L. & Co., 461 8th av., New York
 Metal Products Corp., 1012 Eddy, Providence, R. I.
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.
 Stimpson Edwin B. Co., 68 Franklin av., Brooklyn, N. Y.
 Thomson Judson L. Mfg. Co., Waltham, Mass.

1623—Buckles (Wire)

North & Judd Mfg. Co. ("Anchor" Brand), New Britain, Conn.
 Spencer Wire Co., Worcester, Mass.
 Waterbury Buckle Co., Waterbury, Conn.

1624—Buckram

Adams Mfg. Co., 31 E 32nd, New York
 Chandler Oil Cloth & Buckram Co. (One, Two & Three-Ply Burlap), East Taunton, Mass.
 Cleveland-Akron Bag Co., Cleveland, O.
 Irving Mfg. Co., 23 Jersey, New Brighton, S. I., N. Y.
 Landers Bros. Co., Toledo, O.
 McLean Andrew Co., Passaic, N. J.
 Richter Mfg. Co., Tenafly, N. J.
 Thompson James & Co., Valley Falls, N. Y.

Buckram (Catalogue)

See Cloth, Book

1625—Buddles (Revolving)

See Tables, Slime

1626—Buffers (Board)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

1627—Buffers (Car)

Brill J. G. Co. (Angle Iron), 62nd & Woodland av., Phila., Pa.
 Commonwealth Steel Co. (Cast Iron), Pierce bldg., St. Louis, Mo.
 Gould Coupler Co., 30 E 42d, New York
 National Car Coupler Co. ("National" Platform & "Hinson" Friction), 332 S Michigan, Chicago, Ill. Works: Attica, Ind.
 Railway Appliance Co., 122 S Michigan av., Chicago, Ill.
 Railway Improvement Co. ("Hedley" Anti-Climber), 61 B'way, New York
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Standard Coupler Co., 30 Church, New York

1627a—*Buffers (Finger Nail)

Estes E. B. & Sons, 358 5th av., New York
See adv index at end of book

1628—Buffers (Hand, Electric)

American Electric Tool Co. ("Carver," Portable), West Newton, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Wisconsin Elec. Co. ("Dumore"), Racine, Wis. *See adv index at end of book*

1629—Buffers (Rubber)

Boston Belting Co., 84 Linden Park st., Boston, Mass.
 Cincinnati Rubber Mfg. Co., Cincinnati, O.
 Continental Rubber Works, Erie, Pa.
 Goodrich B. F. Co., Akron, O.
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
 Mattson Rubber Co., Lodi, N. J.
 National India Rubber Co., Bristol, R. I.
 New York Rubber Co., Reade & Church, New York
 Revere Rubber Co., 60 High, Boston, Mass.
 Standard Woven Fabric Co., Walpole, Mass.
 Voorhees Rubber Mfg. Co., 18 Bostwick av., Jersey City, N. J.

1630—Buffers (Wagon Spring)

See also Buffers, Rubber
 Indianapolis Bolster Spring Co. ("Victor Coil Spring"), 326 W Georgia, Indianapolis, Ind.

1631—Buggies

See Carriages; see also Classifications of Buggies Following

1632—Buggies (Buhr-Stones)

Hasbrouck J. J. & Co. ("Esopus"), Office & Quarries, New Paltz, N. Y.

1633—Buggies (Charging)

See also Barrows, Furnace Charging, also Cars, Charging
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1634—Buggies (Cinder)

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

1635—*Buggies (Coal & Ore)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

1636—Buggies (Coke & Ore)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Easton Car & Construction Co., 4th St. Easton, Pa.
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 Sheffield Car Co., Three Rivers, Mich.

1637—Buggies (Lumber)

Curtis & Co. Mfg. Co., 1571 Kienlen av., St. Louis, Mo.
 Henderson W. K. Iron Works & Supply Co., Shreveport, La.
 Oshkosh Mfg. Co., Oshkosh, Wis.
 Owensboro Wagon Co., Owensboro, Ky.
 Streich A. & Bro. Co., Oshkosh, Wis.

Buggies (Wire)

See Trucks, Wire Mill; also Cars, Plate & Sheet Mill

1638—Buggy (Armature)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

1639—Buhr Stones

See also Millstones

TOBLER & CO., 35 S William, New York

Builders (Contracting)

See Contractors, Building & General

1640—*Builders (Contracting, Large)

STEWART JAMES & CO., INC., 30 Church, New York

1640a—Builders (Moving Picture Studio)

Lutton William H. Co., Jersey City, N. J.

1641—Builders' Cast Iron Work

See Firms in Iron, Architectural & Ornamental, marked with a Star (*); also Machinists & Founders

Builders' Hardware

See Hardware Manufacturers

Builders' Mill Work

See Interior Hardwood Work

1642—Building Directories (Changeable)

Kinney C. M. Co., 18 E 41st, New York
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Tablet & Ticket Co., 624 W Adams, Chicago, Ill.
 Universal Register Co., 226 W Ontario, Chicago, Ill.
 Winters H. E., Davenport, Ia.

1643—Building Materials (Second-Hand)

Buckeye Wrecking & Salvage Co., 959 W 7th, Cincinnati, Ohio
 Buffalo House Wrecking & Salvage Co., Sycamore & Erie R. R., Buffalo, N. Y.
 Candee & Krekeler Co., 472 Hamilton av., Brooklyn, N. Y.
 Cohen Bros. Iron & Metal Co., Des Moines, Ia.
 Greene Byron W., Jr., Co., 309 Av B, New York
 Harris Bros. Co., W 35th & Iron, Chicago, Ill.
 Jump House Wrecking Co., 45 W 34th, New York
 Lash A. F. Co., 29 D, Boston, Mass.
 Northern Wrecking Co., 103 Park av., New York
 Pachoud Bros., 1037 Gilbert av., Cincinnati, O.
 Reeber's Jos. Sons Co., 2595 3rd av., New York
 Rheinfrank Building Material Co., 620 E 14th, New York
 Seagriff F. W., Jr. Co., 533 E 18th, New York
 Southard Chas. H. Co., 9th av nr 15th, New York
 Volk Jacob Housewrecking Co., 103 Park av., New York
 World's Fair Wrecking Co., Richmond & Horne, Cincinnati, O.

1644—Building Sheathing (Felt)

See also Felts, Roofing

Barrett Co. (Red Rosin Sized, etc), 17 Battery pl, New York

Hydrex Felt & Engineering Co., 120 Liberty, New York
 Johns H. W.-Manville Co., ("Keystone"), Madison av & 41st, New York
 Keystone Hair Insulator Co. (Hair Felt), 1243 Spring Garden, Pittsburgh, Pa.
 New England Felt Roofing Works, 101 Milk, Boston, Mass.
 Standard Pipe Covering Co., 3748 E 71st, Cleveland, O.
 Union Fibre Co. ("Linofelt"), Winona, Minn.
 Watson H. F. Co. (Asbestos), Erie, Pa.

1645—Building Sheathing Quilt (Asbestos)

Cabot Samuel (Inc.), 141 Milk, Boston, Mass.

1645a—*Buildings (Portable)

Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*

1646—Bulbs (Automobile Horn)

See also Bulbs, Rubber

Goodrich B. F. Co., Akron, O.
 National India Rubber Co., Bristol, R. I.
 Parker, Stearns & Co. ("Alpha" Rubber Brass Mounting), 286 Sheffield av, Brooklyn, N. Y.
 Seamless Rubber Co., New Haven, Conn.
 Tyer Rubber Co. ("Tyrian," with Brass Mountings), Andover, Mass.

1647—Bulbs (Incandescent Lamp)

Corning Glass Works, Corning, N. Y.
 Holophane Glass Wks. of Gen. Elec. Co., Newark, O.
 Libbey Glass Co., Toledo, O.
 Wagner Glass Works, 697 E 132d, New York

1648—Bulbs (Rubber)

Ajax-Grieb Rubber Co., 1796 B'way, New York
 Atlantic Rubber Co., Atlantic, Mass.
 Bailey C. J. & Co., 22 Boylston, Boston, Mass.
 Canton Rubber Co., Canton, O.
 Davidson Rubber Co., Boston, Mass.
 Davol Rubber Co., 69 Point, Providence, R. I.
 Faultless Rubber Co., Ashland, O.
 Goodrich B. F. Co., Akron, O.
 Hodgman Rubber Co., 8 W 40th, New York
 Myers Mfg. Co., Fremont, O.
 National India Rubber Co., Bristol, R. I.
 Norwalk Mfg. Co., E. Norwalk, Conn.
 Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
 Raley Rubber Co., New Haven, Conn.
 Rubber Products Co., Barberton, O.
 Seamless Rubber Co., New Haven, Conn.
 Standard Woven Fabric Co., Walpole, Mass.
 Star Rubber Co., Akron, O.
 Tyer Rubber Co., Andover, Mass.
 Whitall, Tatum Co., 410 Race, Phila., Pa.

1649—*Bulkhead Builders (Concrete)

RAYMOND CONCRETE PILE CO., 140 Cedar, New York

Bulldozers

See Bulldozer or Bending Machines

1650—*Bulletin Boards

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
 TYLER W. S. CO. Cleveland, O.
See adv index at end of book

1651—Bullion (Copper)

Beer Sondheimer & Co., 61 B'way, New York
 Philipp Brothers (Imp), 29 Broadway, New York
 U. S. Metals Renning Co., 120 B'way, New York

1652—Bullion (Lead)

American Zinc, Lead & Smelting Co., Caney, Kan.
 Beer, Sondheimer & Co., 61 B'way, New York

Selby Smelting & Lead Co., Merchant & Exchange bldg, San Francisco, Cal.
 U. S. Metals Refining Co., 120 B'way, New York
 U. S. Smelting, Refining & Mining Co., Salt Lake City, Utah
 Vogelstein L. & Co., 42 B'way, New York

1653-4—Bumpers (Automobile)

Auto Parts Mfg. Co., 528 Broadway, Milwaukee, Wis.
 Cox Brass Mfg. Co., Albany, N. Y.
 Gemco Mfg. Co. ("Gemco"), 742 So Pierce, Milwaukee, Wis.
 Halladay L. P. Co. ("Universal," "Imperial"), Streator, Ill.
 Hoover Spring Co. ("Common Sense"), 617 Turk, San Francisco, Cal.
 Kawneer Mfg. Co. (Cold Drawn Channels), Niles, Mich.
 Lovell-McConnell Mfg. Co. ("Conover"), 194 Wright, Newark, N. J.
 Polson Mfg. Co., Buffalo, N. Y.
 Sager J. H. Co., Rochester, N. Y.
 Star Brass Works Co., Kansas City, Mo.
 Stevens Mfg. & Supply Co., 343 S Dearborn, Chicago, Ill.
 Stewart - Warner Speedometer Corp. ("Stewart"), 1826 Diversey Parkway, Chicago, Ill.
 Toledo Cable Co., 506 S St. Clair, Toledo, O.
 Turner Brass Works ("Harroun"), Sycamore, Ill.

Bumpers (Car Seat)

See Rubber Bumpers and Cushions

Bumpers (Rubber)

See Rubber Bumpers & Cushions

1655—Bunchers (Asparagus)

Johnson Mfg. Co. ("Acme," "Phila."), 103 N Front, Phila., Pa.
 Wyckoff Bros., Hightstown, N. J.

1656—Bunchers (Clover)

Acme Harvesting Machine Co., Peoria, Ill.
 American Buncher Mfg. Co. ("American," "Prairie"), Oliver & Harding, Indianapolis, Ind.
 Blocki F. Co. ("Blocki"), Sheboygan, Wis.
 Eckhardt Mfg. Co. ("Buffalo"), 2300 University av W, St. Paul, Minn.
 Franzmeier Louis, Timothy, Wis.
 Gaterman Mfg. Co. (Side Delivery), Manitowoc, Wis.
 International Harvester Co. of Amer. (Inc.), ("Deering-McCormick"), 230 Harvester bldg, Chicago, Ill.
See adv index at end of book
 National Harrow Co. ("National"), LeRoy, Ill.
 Thornburgh Mfg. Co. (Side Delivery), Bowling Green, O.
 Walker Mfg. Co. ("Western"), Council Bluffs, Ia.

Bung Mfrs.

See Plugs, Wood

1657—Bung Starters

Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.
 Kraft A. C., 323 W. Lake, Chicago, Ill.
 Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
 Sandusky Tool Co., Sandusky, O.
 Sommer Jno. Faucet Co., 30 Morris av, Newark, N. J.
 Stossel Carl & Co., Front Royal, Va.
 Union Hardware Co., Torrington, Conn.

1657a—Bung Straps for Barrels

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1657b—*Bungs (Oil Can)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1658—Bunkers (Coal)

American Bridge Co., 30 Church, New York
 Guarantee Construction Co. (Concrete Lined Suspension), 140 Cedar, New York
 Link-Belt Co., 39th & Stewart av, Chicago, Ill.
 & Hunting Park av & P. & R. Ry. Phila., Pa. *See adv index at end of book*

1659—Bunting Mfrs.

See also Flag Mfrs.

New England Bunting Co., Lowell, Mass.
 Passaic Print Works (Cotton), Passaic, N. J.
 United States Bunting Co., Lowell, Mass.

1660—Buoys (Gas)

American Welding Co., Carbondale, Pa.
 Safety Car Heating & Lighting Co. ("Pintsch"), 2 Rector, New York

Buoys (Life)

See Life Preservers

1661—Buoys (Mooring, Etc.)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
 Drein Thos. & Sons Co., Townsend & A, Wilmington, Del.
 Farrar & Trefts (Whistling Automatic), Buffalo, N. Y.
 Jordan Bros. ("Never-Sink"), Norfolk, Va.
 Kellogg M. W. Co. (Welded Steel), 90 West, New York
See adv index at end of book
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Manitowoc Engng. Works, Manitowoc, Wis.
 Marine Mfg. & Sup. Co., 158 South, New York
 Pneumatic Mfg. Co., 290 Prospect Park W, Brooklyn, N. Y.
 Riter-Conley Co., Pittsburgh, Pa.

1662—Burial Cases & Vaults (Concrete)

Automatic Sealing Vault Co., Peru, Ind.
 Cement Casket Mfg. Co., Albion, Mich.

1662a—Burial Cases & Vaults (Metallic)

See also Burial Vaults, Steel

Decatur Cornice & Roofing Co., Decatur, Ill.
 Detroit Metallic Casket Co., 862 Gratiot av, Detroit, Mich.
 Le Haye Mfg. Co., 298 11th, San Francisco, Cal.
 Manhattan Metallic Casket Co., 2426 1st av, New York
 Springfield Metallic Casket Co., Springfield, O.
 Wilcox E. A. Mfg. Co., 6330 Stony Island av, Chicago, Ill.

1663—Burial Cases & Vaults (Slate)

American Slate Co., Easton, Pa.
 Bangor Structural Slate Co., Bangor, Pa.
 Bangor, Pa.
 Bray J. Slate Co., Lock Box 11, E. Bangor, Pa.
 East Bangor Consol. Slate Co., E Bangor, Pa.
 Excelsior Slate Co., Pen Argyl, Pa.
 Hahn Granville, Walnutport, Pa.
 Hammann Slate Co., Bangor, Pa.
 Keenan Structural Slate Co., Easton, Pa.
 Kimes, J. B. & Co., 24th & Callowhill, Phila., Pa.
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.
 Monson Maine Slate Co., 112 Water, Boston, Mass.
 Peerless Slate Co., Delta, Pa.
 Penrhyn Slate Co., Hydeville, Vt.
 Vermont Unfading Green Slate Co., Fairhaven, Vt.

1664—Burial Cases & Vaults (Stone)

Euclid Stone & Brick Co., Cleveland, O.
 Mineral Products Co. ("Xyno"), Rhineland, Wis.

1665—Burial Vaults (Steel)

See also Burial Cases & Vaults, Metallic
 American Steel Grave Vault Co., Gallion, O.
 Clark Grave Vault Co., Columbus, O.
 Gallion Metallic Vault Co., Gallion, O.
 Kelly Mfg. Co., Bucyrus, O.
 Maxwell Steel Vault Co., Oneida, N. Y.
 Meadville Metallic Vault Co., Meadville, Pa.
 Skahen Steel Co., Syracuse, N. Y.

1666— Burlap

See also Bags & Bagging
 American Bag Co., Memphis, Tenn.
 American Bag & Burlap Co., Boston, Mass.
 Bell Bag Co., 63 Front, New York
 Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.
 Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.
 Central Bag Mfg. Co., 3622 Iron, Chicago, Ill. *See adv index at end of book*
 Chase H. & L. (Importers), 267 Atlantic av, Boston, Mass.
 Chelsea Fibre Mills, 212 5th av, New York. *Factory: Brooklyn N. Y.*
 Clapp H. D. B. & Co. (Waste), 824 N American, Phila., Pa.
 Cleveland-Akron Bag Co. ("Protex," Waterproof), Cleveland, O.
 Collins Plass Thayer Co., 26 Beaver, New York
 Cott-a-Lap Co. ("Cotta-a-Lap," "Eureka," "Muro," "Tex-ta-dor-na," Wall Burlaps), Somerville, N. J.
 Duncan Geo. & Co., 366 B'way, New York
 du Pont E. I., de Nemours & Co. (By-Products division), Wilmington, Del.
 Emsley John W., Adams & Emerald, Phila., Pa.
 Fulton Bag & Cotton Mills, Atlanta, Ga.
 Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent) (Jute Decorative & Bagging Burlaps), 320 B'way, New York
 Gulf Bag Co., 330 Notre Dame, New Orleans, La.
 Halsted E. S. & Co., 64 Pearl, New York
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
 Horner Wm. J., 62 Beaver, New York
 Hydrex Felt & Eng'g. Co. ("Hydrexed"), 120 Liberty, New York
 Kent Percy Co., 33 Pearl, New York
 Landers Bros. Co., Toledo, O.
 Lawson Jacob Bag Co., 264 Water, New York
 Lehon Co. ("Tuf-Tex"), W. 45th & S. Western av, Chicago, Ill.
 Logie Alex & Co., 2 Rector, New York
 Logie James, Produce Exchange, New York
 Mente & Co., Robin & S. Peters, New Orleans, La.
 Milwaukee Bag Co., 206 S Water, Milwaukee, Wis.
 Mitsui & Co. (Imp.), 25 Madison av, New York
 Oriental Textile Mills, Houston, Tex.
 Ralli Bros., 11 William, New York
 Richter Mfg. Co. (Plain, Decorated, etc), Tenafly, N. J.
 Robinson Chas. A., 46 Beekman, New York
 Scott Jas. & Sons, 346 B'way, New York
 Taylor & Ellis, 485 B'way, New York
 Texas Bag & Fibre Co., Houston, Tex.
 Thompson's Samuel Nephew & Co. (Importers), 142 Duane, New York
 Walsh's Sons & Co. (Dealers), Newark, N. J.
 White Jas. F. & Co., 54 Worth, New York
 Winne F. W. & Son, 237 Market, Phila., Pa.

Young & Metzner, 335 Vernon av, Long Island City, N. Y.

1667-8—Burners (Acetylene Gas)

AMERICAN LAVA CO. ("Alco"), Chattanooga, Tenn. *See adv index at end of book*
 Carroll J. Bruce, 3057 Carroll, Chicago, Ill.
 Colonial Mfg. Co., Chattanooga, Tenn.
 Crane Wm. M. Co. ("Bray"), 16 W 32d, New York
 Crescent Burner Mfg. Co. ("Crescent"), 116 E. 27th, New York
 Kraft A. C., 323 W Lake, Chicago, Ill.
 Steward D. M. Mfg. Co. ("E. H.", "Steward's Dolan"), Chattanooga, Tenn.

Burners (Automobile)

See Burners, Kerosene, Automobile; also Burners, Gasoline, Automobile

1669— Burners (Coal Dust)

BARTLETT C. O. & SNOW CO. ("Triumph"), French st, Cleveland, O.
See adv index at end of book

**Pulverized Coal Burners
 Non-Flooding
 GERDES & COMPANY
 42 Church St. N. Y. C.**

Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Stroud, E. H. & Co. ("Stroud"), 928-934 Fullerton, Chicago, Ill.

1670—*Burners (Combination Gas & Oil)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

1671—Burners (Electric Gas Lighting)

Bogart A. L. Co. ("Bartholdi" Automatic), 55 Barclay, New York
 Cleverly Electrical Works, 17 N 7th, Phila., Pa.
 Electric Goods Mfg. Co. (Automatic Pendant), Canton, Mass.
 Holtzer-Cabot Electric Co. (Automatic), Brookline, Mass.
 Parke Jno. Y. & Co. ("Jypco"), 29 N 7th, Phila., Pa.

1672— Burners (Fuel Gas)

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.
 American Gas Furnace Co., 24 John, New York
 Anthony Co., 138 West av, Long Island City, N. Y.
 Chatfield & Sharp ("Economy"), Jamestown, N. Y.
 Creaghead Engineering Co., 34 Main, Cincinnati, O.
 Crone F. G. ("Crone" for Steam or Hot Water Heaters, Furnaces, Stoves, etc), 334 Genesee, Buffalo, N. Y.
 Doylair Products Co., Monadnock blk, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Hugo Mfg. Co., Duluth, Minn.
 Kemp C. M. Mfg. Co., 405 E Oliver, Baltimore, Md.
 Metals Production Equipment Co., Springfield, Mass.
 Oven Equipment & Mfg. Co. ("Crawford"), New Haven, Conn.
 Parson Mfg. Co., 149 B'way, New York
 Precision Instrument Co. ("Carpenter's Metropolitan Argau"), Detroit, Mich.
 Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
 Selas Co., 521 W 23d, New York
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

1673— Burners (Fuel Oil)

American Equipment Co. ("Fox"), Norristown, Pa.
 Anthony Co., 138 West av, Long Island City, N. Y.
 Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
 Best Co., 33d & A. V. R. R., Pittsburgh, Pa.
 Best W. N., 11 B'way, New York
 Braun Corporation (For Assayers' Liquid Fuel Furnaces), Los Angeles, Cal.
 Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Foerst John & Sons, Bayonne, N. J.
 Gearhart A. W., Fresno, Cal.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker" For Burning Fuel Oil, Under Low Pressure), Springfield, Mass. *See adv index at end of book*
 Gustin-Bacon Mfg. Co., 1604 Grand, Kansas City, Mo.
 Hammel Oil Burner Co., Los Angeles, Cal.
 Hauck Mfg. Co., 140 Cedar, New York
 Johnson S. T. Co. ("Johnson" Low Pressure Air System), 1334 Mission, San Francisco, Cal.
 Lockett A. M. & Co., Ltd., 533 Baronne, New Orleans, La.
 MacLeod Co. (Locomotive), 2227 Bogen, Cincinnati, O. *See adv index at end of book*



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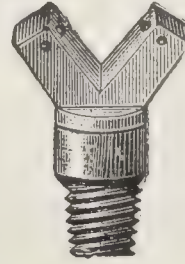
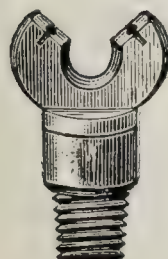
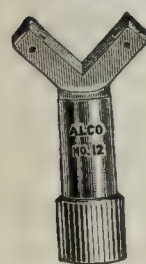
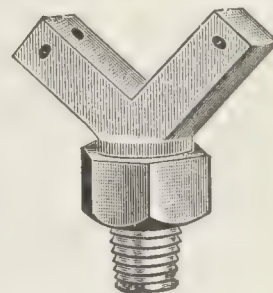
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Metals Production Equipment Co., Springfield, Mass.
 Monarch Engineering & Mfg. Co. ("Monarch" & "Rockwell"), American bldg, Baltimore, Md.
 National Supply Co., 416 W Grand av, Chicago, Ill.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Parson Mfg. Co., 149 B'way, New York
 Production Engineering Co. ("Peco"), 1716 Spring Garden, Phila., Pa.
 Reid Jos. Gas Engine Co., Oil City, Pa.
 Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
 Rogers Jno. M. Works: Gloucester City, N. J.
 Schurs John (for Burning Brick, Clay, etc.), Los Angeles, Cal.
SCHUTTE & KOERTING CO. ("Koerting" Mechanical System, Steam & Air Jet), 1251 N 12th, Phila., Pa.
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
 Sullivan Edward S. Co. ("Von Boden-Ingles," for Locomotives, Marine & Stationary Boilers), Monadnock bldg, San Francisco, Cal.
 Tate-Jones & Co., ("Kirkwood" for Boilers, Locomotives, Furnaces, Forges, Glass House Work, Open-Hearth, etc.), Empire bldg, Pittsburgh, Pa.
See adv index at end of book

TATE-JONES & CO. Inc.
PITTSBURGH, PENNA

Union Iron Works Co. ("Dahl"), 20th & Michigan, San Francisco, Cal.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.
 Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

1674—Burners (Furnace Gas)

Creaghead Engineering Co., 340 Main, Cincinnati, O.
 Kemp C. M. Mfg. Co. ("20th Century"), 405 E Oliver, Baltimore, Md.
 Metals Production Equipment Co., 105 W 40th, New York. Works: Springfield, Mass.
 Monarch Engng. & Mfg. Co., American bldg, Baltimore, Md.
 Oven Equipment & Mfg. Co. ("Crawford"), New Haven, Conn.
 Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, O.
 Tate-Jones & Co. Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Burners (Garbage)

See Heaters, Water, Garbage Burning

1675—Burners (Gas, Inverted)

Matchless Brass Mfg. Co., 39 Washington, Brooklyn, N. Y.
 Smith F. A. Mfg. Co., Rochester, N. Y.

1676—Burners (Gas, Self-Lighting)

American Brass & Copper Co., 138 Lafayette, New York
 Gleason E. P. Mfg. Co. ("Gem," "Economic" & "Matchless"), 37 Murray, New York
 Matchless Brass Mfg. Co., 31 Washington, Brooklyn, N. Y.

1677—Burners (Gasoline)

Ashton Mfg. Co., 184 Emmet, Newark, N. J.
 Best Light Co., Canton, O.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E., Detroit, Mich.
 Clough, Theo. ("Clough," "Maxim"), Dobbs Ferry, N. Y.
 Incandescent Light & Stove Co. ("Stubbs"), Marburg av & B. & O. R. R., Okly., Cincinnati, O.
 Oven Equipment & Mfg. Co., New Haven, Conn.

Ray Geo. A. Mfg. Co., Buffalo, N. Y.
 Reliable Stove Co. ("Special" Reliable Brazier"), Cleveland, O.
 Sun Vapor & Gas Street Light Co., Canton, O.
 Tirrill Gas Machine Lighting Co., 103 Park av, New York

1678—Burners (Gasoline, Automobile)

Carroll J. Bruce, 3057 Carroll, Chicago, Ill.
 Dangler Stove Co., 5017 Perkins av, Cleveland, O.
 Fowler Lamp & Mfg. Co. ("Fowler," for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

1679—Burners (Hand Lamp)

Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

1680—Burners (Hot Blast, Gas Stove)

Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.

1681—Burners (Hydro-Carbon)

Braun-Knecht-Helmann Co. ("Cary," "Braun"), 576 Mission, San Francisco, Cal.
 Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
 Calkins Co. ("Advance," "Challenge"), Los Angeles, Cal.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E., Detroit, Mich.
 Denver Fire Clay Co. ("Case"), Denver, Colo.
 Hauck Mfg. Co., 140 Cedar, New York
 Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

1682—Burners (Incandescent Gas)

See also Mantles, Incan. Lamp
 Block Light Co., Youngstown, O.
 Crane Wm. M. Co. ("Bray" Open Jet), 16 W 32d, New York
 Hipwell Mfg. Co. ("Pittsburg"), 831 W North av, Pittsburgh, Pa.
 Incandescent Burner Co., 395 Claremont av, Brooklyn, N. Y.
 Kern Burner Co., 217 W 125th, New York
 Manhattan Brass Co., 333 E 26th, New York
 Matchless Brass Mfg. Co., 31 Washington, Brooklyn, N. Y.
 Miller Edw. & Co., Meriden, Conn.
 Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
 Rector Gas Lamp Co., 1777 B'way, New York
 Solar Light Co., 69 Wooster, New York
 Tirrill Gas Machine Lighting Co., 103 Park av, New York
 Unique Art Glass & Metal Co. ("Star"), 105 Vandever, Brooklyn, N. Y.
 Welsbach Gas Lamp Co. ("Universal," "Standard" & "Consol"), 1008 Filbert, Phila., Pa. Works, Gloucester, N. J.

1683—*Burners (Japanning or Baking)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

1684—Burners (Kerosene, Automobile)

Ofeldt F. W. & Sons, Nyack, N. Y.

1685—Burners (Kerosene Oil)

See also Burners, Fuel Oil
 Ashton Mfg. Co., 184 Emmet, Newark, N. J.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.

**When writing to firms listed in this book please mention
 HENDRICKS'
 COMMERCIAL REGISTER**

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

1686—Burners (Lamp, Kerosene Oil)

Best Light Co., Canton, O.
 Bridgeport Brass Co., Bridgeport, Conn.
 Miller Edw. & Co. ("Dual," "Solar," "Perfection Car," "Apollo," "Hero," "Jewell," "Venus," "Simplex," "Stellar," "Victor," "Excelsior," "Sun," "Favorite," "Lenith," "Niagara," "Lard oil," & "Vesta"), Meriden, Conn.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
SCOVILL MFG. CO. ("Queen Anne"), Waterbury, Conn.
See adv index at end of book
 Seng Mfg. Co., Lincoln, Neb.
 Waterbury Brass Goods Corp., Waterbury, Conn.
 Wheeling Stamping Co. ("Premier," Combination, "Regal," "White Light Mantle," "Champion," "Paul" & "Safety"), Wheeling, W. Va.

1686a—*Burners (Lead)

GERDES & CO., 42 Church, New York
See adv index at end of book

1687—Burners (Natural Gas)

Advance Mfg. Co., Erie, Pa.
 Albrecht Francis J., Pittsburgh, Pa.
 American Brass & Copper Co., 138 Lafayette, New York
 American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Lava Co. ("Alco" "E. H.", "New Market," "Stove Junbo," "Bray"), Chattanooga, Tenn.
See adv index at end of book
 American Stove Co. ("Quick Meal," "Reliable," "Jewell"), St. Louis, Mo.
 Brown Frank P., 45 N 6th, Phila., Pa.
 Creaghead Engineering Co., 340 Main, Cincinnati, O.
 Enterprise Foundry Co., (Ltd.) N S, Nixon & Manhattan, Pittsburgh, Pa.
 Gleason E. P. Mfg. Co., 37 Murray, New York
 Gwynn Gas Burner & Engng. Co., Empire bldg, Pittsburgh, Pa.
 Jamison T. H. ("Tremaine"), Claysville, Pa.
 Johnson Gas Appliance Co., Cedar Rapids, Ia.
 Kern Burner Co., 217 W 125th, New York
 Lawson Mfg. Co. ("Lawson," "Homestead" & "Rex"), Homestead, Pa.
 Love Mfg. Co., Corry, Pa.
 Matchless Brass Mfg. Co., 31 Washington, Brooklyn, N. Y.
 Metals Production Equipment Co., Springfield, Mass.
 Minneapolis Gas Fixture Co., 314 Hennepin av, Minneapolis, Minn.
 Odin Stove Mfg. Co. ("Tri-Odin," "Penn"), Erie, Pa.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 O'Reilly M. J. ("O'Reilly"), 217 Franklin, Buffalo, N. Y.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Rockwell W. S. Co., 50 Church, New York.
See adv index at end of book
 Stamford Gas Stove Co., Stamford, Conn.
 Standard Heating & Radiator Co. ("Standard" for Hot Air, Steam & Hot Water Heating Boilers), Penn & Barbeau, Pittsburgh, Pa.
 Steward D. M. Mfg. Co. ("E. H." & "Jumbo"), Chattanooga, Tenn.

TATE-JONES & CO. Inc.
PITTSBURGH, PENNA

Union Gas Burner Co., 369 Ellicott, Buffalo, N. Y.
 Van Houten E. J. S., 96 Park pl, New York
 Wheeling Stove & Range Co., Wheeling, W. Va.
 Williamson R. & Co., 601 Washington bl, Chicago, Ill.

Wilson Rowland S., 14 Wood, Pittsburgh, Pa.
Yonts C. H. & Co. ("Victor"), Meadville, Pa.

1688—*Burners (Oil)

Portable or Fixed, in many sizes and designs, suitable for work of every kind where heat is applied.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

1689—*Burners (Powdered Coal)

We have a Burner that will meet the severest tests and which shows many improvements over any other.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

ROCK PRODUCTS EQUIPMENT CORP.,
42 Church, New York
See adv index at end of book

1690—Burners (Pyrites & Sulphur)

Bethlehem Foundry & Machine Co. (for Chemical Mfrs., etc), South Bethlehem, Pa.

Carthage Machine Co. ("Wise"), Carthage, N. Y.

Glens Falls Machine Works ("Tromblee-Paul" Rotary), Glens Falls, N. Y.

Pratt Engineering & Machine Co., Atlanta, Ga.

Stebbins Engineering & Mfg. Co. ("Stebbins" Oxidizing), Watertown, N. Y.

Valk & Murdoch Co., Charleston, S. C.

Valley Iron Works Co. ("Vesuvius"), Appleton, Wis.

1691—Burners (Refuse)

Capital Wire Co., Madison, Wis.

Casey-Hedges Co., Chattanooga, Tenn.

Clark W. J. Co. ("Safety"), Salem, O.

Clinton Wire Cloth Co., Perforated Metals, Clinton, Mass.

Cyclone Fence Co., Waukegan, Ill.

Jackson & Church Co., Saginaw, Mich.

MACKINNON BOILER & MACHINE CO.
(Sawmill Refuse), 218 Water, Bay City, Mich. *See adv index at end of book*

Muskegon Boiler Works, Muskegon, Mich.

Pennsylvania Wire Works ("Pen Dar"), 235 Arch, Phila., Pa.

Quinn & Co. ("Quinn," Flat Top Dutch Oven Furnace), 222 E 9th, Cincinnati, O.

Rodgers Boiler & Burner Co., Muskegon, Mich.

Seattle Boiler Works, Ballard, Seattle, Wash.

Tomahawk Steel & Iron Works, Tomahawk, Wis.

1692—Burners (Rubbish)

Majestic Co., Huntington, Ind.

Smith John P. & Co., New Haven, Conn.

1693—*Burners (Star)

McRAE & ROBERTS CO., 227 Campbell

av, Detroit, Mich.

See adv index at end of book

1694—Burners (Tar)

Best W. N., 11 B'way, New York

Parson Mfg. Co. ("Parson"), 149 B'way, New York

Tate-Jones & Co., Empire bldg., Pittsburgh, Pa. *See adv index at end of book*

1695—Burners (Urn)

Clayton & Lambert Mfg. Co. (Gasoline), 205 Piquette av, E, Detroit, Mich.

1696—Burners (Weed)

Commonwealth Steel Co. ("M. K. & T.," for Removing Weeds from Tracks), Pierce bldg, St. Louis, Mo.

MacLeod Co., 2227 Bogen, Cincinnati, O.

See adv index at end of book

1697—Burning Brands

Allen, Doane & Co., 29 Cornhill, Boston, Mass.

American Stamp Mfg. Co., 85 John, New York

Barnard Stamp Co., 311 Olive, St. Louis, Mo.

BEACH-RUSS CO. (Self Heated, Air Blast, Gas), 220 Broadway, New York
See adv index at end of book

Black A. S., 206 Longworth, Cincinnati, O.

Brunner & Lay, 570 W Polk, Chicago, Ill.

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.

Dickey-Grabler Co., Noble & W 2nd, Cleveland, O.

Gibson A. C. Co., Buffalo, N. Y.

Hanson C. H. Co., 178 N Clark, Chicago, Ill.

Haynes & Co., 75 Westminster, Providence, R. I.

Illig & Hartmann, 211 Pine, St. Louis, Mo.

Knight H. W. & Son, Seneca Falls, N. Y.

Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.

Mayer Geo. J. & Co., Indianapolis, Ind.

Moise-Klinkner Co., 1212 Market, San Francisco, Cal.

Mulhaupt F. Jos., Lafayette, Ind.

Mulinari P., 118 Light, Baltimore, Md.

Murdock Jas. W. J. Co., 116 Opera pl, Cincinnati, O.

Ness Geo. M., Jr., 61 Fulton, New York

New York Stencil Works, 100 Nassau, New York

Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*

Northwestern Stamp Works (Also Shingle Brands), 110 E 3rd, St. Paul, Minn.

Parker T. M., Hartford, Conn.

Sackmann F. A. ("F-A-S"), 810 Prospect S E, Cleveland, O.

Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.

See adv index at end of book

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

Stewart R. A. & Co. (Brass), 201 B'way, New York

Stortz John & Son, 210 Vine, Phila., Pa.

Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.

Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

1698—Burnishers (Cabinet Makers)

Buck Bros., Millbury, Mass.

Disston Henry & Sons, Tacony, Phila., Pa.

1699—Burnishers (Heel)

For Cobblers' Use

Richard Stephen Co. ("S. R."), Southbridge, Mass.

United Shoe Machinery Co., 205 Lincoln, Boston, Mass.

1700—*Burnishing (Steel Ball Process)

ABBOTT BALL CO. ("Abbott"), Elmwood station, Hartford, Conn.

See adv index at end of book

1701—Burrs (Brass & Copper)

AMERICAN BRASS CO., Waterbury, Conn.

For branch offices see adv index at end of book

Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.

Townsend C. C. & E. P. Co., New Brighton, Pa.

1702—Burrs (For Sharpening Pulp Stones)

Ticonderoga Machine Works, Ticonderoga, N. Y.

1703—Burrs (Riveting)

See also Rivets, Various Kinds

American Screw Co., 21 Stevens, Providence, R. I.

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.

Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.

Cleveland Wrought Washer Co., 3590 W 58th, Cleveland, O.

Jenkinson, R. C. & Co. (Steel), 293 Washington, Newark, N. J.

Kirk-Latty Mfg. Co., Cleveland, O.

Matthews H. A. Mfg. Co. (Steel), Seymour, Conn.

Plume & Atwood Mfg. Co., Waterbury, Conn.

Sessions J. H. & Son (Steel), Bristol, Conn.

Sharon Steel Hook Co. (Steel), Youngstown, O.

STANLEY WORKS (Steel), New Britain, Conn.

See adv index at end of book

Wrought Washer Mfg. Co., 46 S Bay, Milwaukee, Wis.

1703a—*Burrs (Soft Steel)

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

1704—*Bushings (Adjustable)

ARMSTRONG MFG. CO. ("Bard"), 278 Knowlton, Bridgeport, Conn.

See adv index at end of book

1705—*Bushings ("Arguto")

ARGUTO OILLESS BEARING CO., Wayne Junction, Phila., Pa.

See adv index at end of book

1706—Bushings (Brass)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Buckeye Iron & Brass Works, Dayton, O.

BUNTING BRASS & BRONZE CO., 738

Spencer, Toledo, O.

See adv index at end of book

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Crane Co., Bridgeport, Conn.

Darling Pump & Mfg. Co. (Ltd.) (Brass), Williamsport, Pa.

Detroit Sanitary Supply Co. ("Clean Sweep"), 1191 Second, Detroit, Mich.

Edna Brass Mfg. Co. (Brass), 525 Reading rd, Cincinnati, O.

Ellison Brass Mfg. Co., Jamestown, N. Y.

Exeter Brass Works, Exeter, N. H.

Fries & Co., 91 Main, Buffalo, N. Y.

General Fire Extinguisher Co., Providence, R. I.

Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.

Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.

Hamlin & Emery Brass Co. (Brass, Flush & Hexagon), 49 Island, Boston, Mass.

Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.

Jarecki Mfg. Co., Erie, Pa.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Kokomo Brass Works (Brass Soldering), Kokomo, Ind.

LUNKENHEIMER CO., Executive Office & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

McCambridge Co., 20th & Wood, Phila., Pa.

McKenna Bros. Brass Co., 1st av & Ross, Pittsburgh, Pa.

McNab & Harlin Mfg. Co. (Brass & Iron Pipe, etc), 55 John, New York

McRAE & ROBERTS CO., 227 Campbell

av, Detroit, Mich.

See adv index at end of book

Monarch Brass Co., Cleveland, O.

More-Jones Brass & Metal Co. (Brass & Bronze), Broadway & Dock, St. Louis, Mo.

National Tube Co. (Pipe), Frick bldg, Pittsburgh, Pa.

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Newark Brass Works, 22 Lawrence, Newark, N. J.

Newbury J. H., Goshen, N. Y.

New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.

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Peck & Young Mfg. Co. (Turned), Forestville, Conn.

Perkes Chas. (Est of), 627 Arch, Phila., Pa.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

Richter & Co., 210 E 9th, Cincinnati, O.

Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Steel City Electric Co. ("Fullman" for Rigid Conduit), Hale bldg, Phila., Pa.

Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

Try-Me Mfg. Co., Springfield, Mass.

Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

United Wire & Supply Co., Elmwood Station, Providence, R. I.
Waltham Screw Co. (Brass, etc), Waltham, Mass.
Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

1707— Bushings (Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond Phila., Pa.
American Bronze Co. ("Non-Gran"), Berwyn, Pa.
Brown A. & F. Co., 79 Barclay, New York
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Ellison Brass Mfg. Co., Jamestown, N. Y.
Fowler Lamp & Mfg. Co. ("Fowler," for Motor Cars & Boats), 59 E 24th, Chicago, Ill.
Fries & Co., 91 Main, Buffalo, N. Y.
Graphite Lubricating Co. ("Bound Brook"), Main, Bound Brook, N. J.
Johnson Bronze Co., New Castle, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McKenna Bros. Brass Co., 1st av & Ross, Pittsburgh, Pa.
Metaline Co., 4 West av, Long Island City, N. Y.
Sterling Specialty Co., Newcomerstown, O.
Williams E. A. & Sons, 109 Plymouth, Jersey City, N. J.

1707a— Bushings (Bung Hole)

American Tap Bush Co., Detroit, Mich.
Heartley Machine, Variety Iron & Tool Works ("Gardner" Double Flange, Oval & Round), 900 Summit, Toledo, O.
National Bush Co., 2 Rector, New York
U. S. Bung Mfg. Co., Cincinnati, O.

Bushings (Conduit)

See Bushings, Outlet & Locknut

1708-9—Bushings (Damper)

Parker Supply Co. (Ball Bearings), 785 E 135th, New York

1710— Bushings (Expansion)

Brown & Sharpe Mfg. Co., Providence, R. I.

1711— Bushings (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood, Oil-less), Bound Brook, N. J.
Graphite Lubricating Co. ("Bound Brook"), Main, Bound Brook, N. J.

1712—*Bushings (Hard Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
National Fibre & Insulation Co. (Fibre), Yorklyn, Del.

SPAULDING J. & SONS CO., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

1713—Bushings (Loose Pulley)

North American Metaline Co., West av, L. I. City, N. Y.

1714— Bushings (Oil Switch)

Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.

1715—Bushings (Outlet & Locknut)

Adapti Mfg. Co. (Conduit Outlet), 919 West, Cleveland, O.
Anderson Albert & J. M. Mfg. Co. (Outlet Insulated), 289 A, Boston, Mass.
Appleton Electric Co., 218 N Jefferson, Chicago, Ill.

Belcher & Loomis Hdw. Co. ("Boss" Outlet), 89 Weybosset, Providence, R. I.
Bonnell W. A. Co., 132 Church, New York
Buchanan J. F. & Co., 1719 Chestnut, Phila., Pa.
Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
Electrical Specialty Mfg. Co. ("Boss"), 49 Beaufort, Providence, R. I.
Fairmount Elec. & Mfg. Co. ("Bend-hicks"), 59th & Woodland av, Phila., Pa.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Gillette-Vibber Co., New London, Conn.
Grabler Mfg. Co., 6565 B'way, Cleveland, O.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Leveridge Chas. W. ("L. & L."), 133 Liberty, New York
National Metal Molding Co. ("National" Conduit Metal), Fulton bldg, Pittsburgh, Pa.
New Process Specialty Co. ("Universal"), Enterprise bldg, Milwaukee, Wis.
See adv index at end of book

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Pass & Seymour, Solvay, N. Y.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pratt Chuck Co. (Lock Nut Only), Frankfort, N. Y.
Rockwood Sprinkler Co. ("R. S. Co." Conduit), Worcester, Mass.
Sprague Elec. Works, 527 W 34th, New York
Standard Electric Fittings Co., Stamford, Conn.
Star Metal Box Co., 509 W 19th, New York
Steel City Elec. Co. ("Star," "Ovalduct"), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co., 105 Hudson, New York
Troy Electrical Co. ("Teco"), Troy, N. Y.

1716—Bushings (Phosphor Bronze)

Boston & Lockport Block Co., 100 Condor, E Boston, Mass.
BUNTING BRASS & BRONZE CO., 738 Spencer, Toledo, O.
See adv index at end of book
Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
Ellison Brass Mfg. Co., Jamestown, N. Y.
Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
Phosphor Bronze Smelting Co. ("Elephant" Brand, Unfinished), 2200 Washington av, Phila., Pa.
Seymour Mfg. Co., Seymour, Conn.

1717— Bushings (Pipe)

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Malleable Iron Fittings Co., Branford, Conn.
National Tube Co. (Cast & Mall. Iron & Brass), Pittsburgh, Pa.
See adv index at end of book

Bushings (Porcelain)

See Porcelain Specialties, Electrical, etc.

1718—Bushings (Pulley, Etc.)

ARGUTO OILLESS BEARING CO. ("Arguto" Oilless), Wayne Junction, Phila., Pa. *See adv index at end of book*
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood, Oil-less), Bound Brook, N. J.

Brown Engineering Co. ("Brown," Ring Oiling, Loose Pulley), 110 N 3rd, Reading, Pa.
See adv index at end of book
Bunting Brass & Bronze Co., 738 Spencer, Toledo, O. *See adv index at end of book*
Caldwell H. W. & Son Co. (Brass for Pulleys, Sheaves, etc.), 17th & Western av, Chicago, Ill.
Campbell Machinery Co. ("Bull Dog"), 35 W 39th, New York
Channon Jas. H. Mfg. Co. (Self Lubricating Graphite Bronze), 227 Erie, Chicago, Ill.
Graphite Lubricating Co. ("Bound Brook," "Nigrum" Oil-less), Main, Bound Brook, N. J.
Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Metaline Co. (Loose Pulley, Oilless), 4 West av, Long Island City, N. Y.
National Equipment Co. (Steel & Self Lubricating), 125 S Racine av, Chicago, Ill. *See adv index at end of book*
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Saginaw Mfg. Co., Saginaw, Mich.
South Bend Dowel Works, South Bend, Ind.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Cast Iron Goods, Pulley, etc), Chambersburg, Pa.

1719— Bushings (Radiator)

Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
Kelly & Jones Co., Greensburg, Pa.
National Tube Co., Pittsburgh, Pa.
See adv index at end of book
Ravena Iron Co., Ravena, N. Y.

Bushings (Rawhide)

See Gears & Pinions, Rawhide

1720— Bushings (Reaming)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

1721—Bushings (Roller Bearing)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Hyatt Roller Bearing Co., Harrison, N. J.
Merriman Bros. (Self-Lubricating), 185 Amory, Boston, Mass.
Torrey Roller Bushing Works, Bath, Me.

Bushings (Rubber)

See Rubber Goods Manufacturers, Mechanical

1722— Bushings (Socket)

American Hard Rubber Co., 9 Mercer, New York
Auburn Button Works, Auburn, N. Y.
Brock A. S. Rubber Co., 57 Broad, Boston, Mass.
Dickinson Mfg. Co., Springfield, Mass.
Electrose Mfg. Co. (Composition), 70 Washington, Brooklyn, N. Y.
Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
Hemming Mfg. Co., Garfield, N. J.
Hubbell Harvey, Bridgeport, Conn.
Johns H. W.-Manville Co. ("Electrobestos"), Madison av & 41st, New York
Mica Mfg. Co., 454 18th, Brooklyn, N. Y.
Scranton Button Co. (Socket & Plain), Scranton, Pa.
Siemon Hard Rubber Corporation, Bridgeport, Conn.
Stewart Frank H. Electric Co. ("Kno-strain"), 35 N 7th, Phila., Pa.

1723—Bushings (Trolley Wheel)

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.
Bound Brook Oil-less Bearing Co. ("Nigrum" Graphite Impregnated Wood Oil-less), Bound Brook, N. J.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Eureka Co., North East, Pa.
Graphite Lubricating Co. ("Bound Brook," "Nigrum" Oilless), Main, Bound Brook, N. J.
Hodgkins J. F. Co., Gardiner, Me.
Ives H. B. Co. ("New Haven"), New Haven, Conn.

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Torrey Roller Bushing Works, Bath, Me.

1724—*Bushings (Wooden)

ESTES E. B. & SONS, 358 5th av, New York.
See adv index at end of book

Butter Workers

See Dairy Apparatus & Supplies

1725—Butterises (Blacksmiths')

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Germantown Tool Works, Gtn., 521 Market, Phila., Pa.
Goodell-Pratt Co., Greenfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.

1726— Button Back Mfrs.

White L. C. Co., Waterbury, Conn.

1727—Button Dies, Parts & Supplies

Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
Waterbury Button Co. (Molds, Backs & Shells), Waterbury, Conn.

1728— Button Mfrs.

Akron Mfg. Co., Akron, N. Y.
American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
Brophy Chas. A. (Uniform), Aurora, Ill.
Century Button Works, 23 W 36th, New York
Champion Button Works, 104 W 30th, New York
Columbia Button Works, 229 W 28th, New York
Conly J. A. Button Co., 116 N State, Chicago, Ill.
Crowe-Keane Button Co., Botsford, Conn.
Custen Bros., 111 5th av, New York
Erie Button Works, Memphis, Tenn.
Fashion Button Works, 344 W 38th, New York
French Button Works, 108 N Franklin, Phila., Pa.
Geraghty & Co., 153 N La Salle, Chicago, Ill.
Globe Trimming & Button Co., 149 W 23d, New York
Goldberg-Davidson & Co., 312 7th av, New York
Hine & Froud Co., 271 Douglas, Brooklyn, N. Y.
Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
Janeway Button Co., New Brunswick, N. J.
Jersey Button Works, 345 W 40th, New York
Leader Button Co., 7 W 20th, New York
Lindenhurst Mfg. Co., Lindenhurst, N. Y.
Luber Button Works, 18 E 31st, New York
McKee & Bliven Button Co., Muscatine, Ia.
Maxant Button & Supply Co., 118 S Clinton, Chicago, Ill.
Metropolitan Button Co., 133 W 22d, New York
New York High Grade Button Wks., 166 Geary, San Francisco, Cal.
Novelty Button Works, 312 7th av, New York
Penn Button Works, 13th & Hamilton, Phila., Pa.
Pheips & Sons Mfg. Co., 10 Pennington, Newark, N. J.
Progress Button Works, 35 W 21st, New York
Ratzken & Zimble, 43 W 21st, New York
Reade Chas. W., New Haven, Conn.
Rothschild Bros. & Co., 225 Fourth av, New York
Rothschild-Kuno Button Works, 107 W 25th, New York
Saugatuck Mfg. Co., Saugatuck, Conn.
Scovill Mfg. Co. (Dress, Jumper, Overall, Patented, Uniform Sew-On), Waterbury, Conn. *See adv index at end of book*
Shantz M. B., 237 S 5th av, Chicago, Ill.
Smith E. F. & Son, Union City, Conn.
Standard Button Works, 15 Maiden la, New York

Sun Enamel Works (Wood, Enameled, etc), Leominster, Mass.
Tri-City Button Co., Davenport, Ia.
United Button Co., 4th av & 17th, New York
Wade Button Co., 55 Sudbury, Boston, Mass.
Waldes & Co., 137 Fifth av, New York
Wendtland Wm., 51 Mercer, New York
York Button Works, B. & Allegheny, Phila., Pa.

1729—Buttoners (Glove & Shoe)

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Celluloid Co. (Celluloid Hooks), 36 Washington pl, New York
du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
Grammes L. F. & Sons, Allentown, Pa.
Havell Mfg. Co. (Glove), 284 Washington, Newark, N. J.
Novelty Cutlery Co., Canton, O.
Potter & Snell, Deep River, Conn.
Ross Jos. & Co. (Glove Hooks), Irvington, N. J.
United Awl & Needle Co., West Medway, Mass.

1730— Buttons (Bone)

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Hafelgh & Co., Cambria & N American, Phila., Pa.
Rogers Mfg. Co., Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Wahl Emil Mfg. Co., Pulaski av & Ruffner, Phila., Pa.

1731— Buttons (Celluloid)

Hill Button Works, 230 W 17th, New York
New Haven Button Co., New Haven, Conn.
Onyx Button Works, 24 E 21st, New York
Reading Ribbon Badge Co., Reading, Pa.
St. Louis Button Co. (Advertising), 413 Lucas av, St. Louis, Mo.
Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

Buttons (Clinch)

See Buttons. Tufting

1732—Buttons (Cloth Covered)

American Button Works, 312 7th av, New York
Belmont Button Works, 47 W 34th, New York
Blaine Bros. & Krasnov, 25 W 20th, New York
Brooklyn Button Mfg. Co., 159 W 23d, New York
Cincinnati Cloth Button Co., 536 Main, Cincinnati, O.
City Button Works, 376 2d av, New York
Cloak & Suit Button Co., 153 W 27th, New York
Custen Bros., 111 5th av, New York
Dolich Button Works, 413 6th av, New York
Drucker Bros., 113 W 31st, New York
Eagle Button Works, 55 Chrystie, New York
Franklin Button Works, 1023 Vine, Phila., Pa.
Gem Button Co., 146 W 23d, New York
Imperial Button Co., 27 N 7th, Phila., Pa.
Lane Mfg. Co., Waterbury, Conn.
Levine H. & Co., 104 W 30th, New York
Milwaukee Button Co., 710 Merrill blvd, Milwaukee, Wis.
Newell-Putnam Mfg. Co., Springfield, Mass.
New Haven Button Co., New Haven, Conn.
N. Y. Button Works, 143 W 19th, New York
Philadelphia Button Co., 21 N 7th, Phila., Pa.
Rogers Button Co. (Est. of), Springfield, Mass.
Royal Button Works, 35 W 21st, New York
Royal Button Works, 505 Market, Phila., Pa.
S. & S. Button Works, 45 W 28th, New York
Sabel J. Button Co., 6620 S State, Chicago, Ill.
SCOVILL MFG. CO. (Silk & Other Materials), Waterbury, Conn.
See adv index at end of book

Star Button Works, 53 W 28th, New York
Victoria Button Works, 31 E 32d, New York
Waterbury Button Co., Waterbury, Conn.
Western Covered Button Co., 138 Wooster, New York

1732a— Buttons (Collar)

Celluloid Co., 36 Washington pl, New York
du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
Smith & Crosby (Gold Front), Attleboro, Mass.
Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

1733— Buttons (Composition)

Auburn Button Works, Auburn, N. Y.
Turkeltaub M. & Son, 38 E 12th, New York
Waterbury Button Co., Waterbury, Conn.

1734— Buttons (Crochet)

Blumenkrohn A. A. Crochet Button Works, 149 Fifth av, New York
Blumenkrohn L. & Co., 13 W 27th, New York
Schloss Jos. W. Co., 160 5th av, New York

1735— Buttons (Door)

Arcade Mfg. Co. (Cast Iron), Freeport, Ill.
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co. (Japanned), Mt. Joy, Pa.
Hardware Supply Co., Grand Rapids, Mich.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sharon Hardware Mfg. Co. (Wrought Steel), Sharon, Pa.
Stearns E C & Co., 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Watrous-Acme Mfg. Co., Des Moines, Ia.
Yale & Towne Mfg. Co., 9 E 40th, New York

1736— Buttons (Horn)

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.
Damon Co., Leominster, Mass.
Earl W. D. Co., Leominster, Mass.
Eureka Button Co., 684 B'way, New York
Griffin Button Co., Shelton, Conn.

1737— Buttons (Ivory)

Blumenthal B. & Co., 15 E 26th New York
Empire Ivory Button Works, 826 B'way, New York
Federal Button Co., 365 Market, Newark, N. J.
German-American Button Co., Rochester, N. Y.
Grote F. & Co., 82 4th av, New York
Newark Vegetable Ivory Button Co., 71 Austin, Newark, N. J.
Philadelphia Button Co. (Imitation Ivory), 21 N 7th, Phila., Pa.
Pratt, Read & Co., Deep River, Conn.
Rochester Button Co., Rochester, N. Y.
Shantz M. B., Rochester, N. Y.
Sher Louis, 229 W 28th, New York
Superior Ivory Button Co., 49 Dickerson, Newark, N. J.
Turkeltaub M & Son, 38 E 12th, New York
Warsaw Button Co., Warsaw, N. Y.
Waterbury Button Co., Waterbury, Conn.
Weicht Adolph & Sons, 730 R, Sun, Phila., Pa.
Zneimer Nicolas Button Works, 168 N. J. R. R. av, Newark, N. J.

1738— Buttons (Metal)

Asch Edgar S. Co., 30 W 36th, New York
Ball & Socket Mfg. Co., West Cheshire, Conn.
Blumenthal B. & Co., 15 E 26th, New York
Eagle Button Works (Covered), 55 Christie, New York

Hatheway Mfg. Co., Bridgeport, Conn.
 Havell Mfg. Co. (Steel), 284 Washington, Newark, N. J.
 Hill Button Works, 230 W 17th, New York
 Imperial Button Co., 27 N 7th, Phila., Pa.
 Liebmman R. Mfg. Co., 73 Bruen, Newark, N. J.
 Orange Mfg. Co., 178 Emmett, Newark, N. J.
 Patent Button Co., Waterbury, Conn.
 Radcliffe C. & Sons Co., 276 N. J. R. R. av, Newark, N. J.
 Richmond Bros. Co., 177 Chestnut, Newark, N. J.
SCOVILL MFG. CO. (All kinds), Waterbury, Conn. *See adv index at end of book*
 Steele & Johnson Mfg. Co. (Plain & Fancy), Waterbury, Conn.
 Steel & Taylor Co., 12 W 32nd, New York
 Tonks Bros., High, Newark, N. J.
 Universal Button Fastening & Button Co., 680 W Fort, Detroit, Mich.
 Waterbury Button Co. (Fancy), Waterbury, Conn.
 Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

1739-40—Buttons (Pearl)

Alma Mfg. Co., 611-61 S. Monroe, Baltimore, Md.
 American Pearl Button Co., Washington, Iowa
 American Pearl Button Works, 143 W 19th, New York
 Automatic Button Co., Muscatine, Ia.
 Baker Alfred, 79 Orange, Newark, N. J.
 Bishop & Hagermann Co. (Blanks), (Muscatine, Iowa
 Blakeman Chas. Sons Co., 236 Bank, Newark, N. J.
 Blumenthal B. & Co., 15 E 26th, New York
 Cameron W. L. Co., 507 W 50th, New York
 Capoli Button Works, Lansing, Ia.
 Chalmers Harvey & Son (Fresh Water), Amsterdam, N. Y.
 Cleveland Button Co., Cleveland, O.
 Davenport Pearl Button Co., Davenport, Iowa
 Davis Thos. & Sons, 375 Market, Newark, N. J.
 Dolezal Jos., Long Island City, N. Y.
 Dover Pearl Button Co. (Blanks), Dover, Ky.
 Dvorak Joseph & Sons, Little Ferry, N. J.
 Dvorsky Co., 411 E 91st, New York
 Edginton Walter, 210 Vine, Phila., Pa.
 Edwards James, Newark, N. J.
 Empire City Pearl Button Works, 10th, Long Island City, N. Y.
 Erie Button Works, Erie, Pa.
 Excelsior Pearl Works, 178 Grand, New York
 Gemmi Bros. Co., 125 N 5th, Phila., Pa.
 Going Mfg. Co., Amsterdam, N. Y.
 Gotham Pearl Button Works, 45 E 17th, New York
 Grand Rapids Pearl Button Co., Grand Rapids, Mich.
 Guentsch L., 182 Centre, New York
 Hak Anton, West Willington, Conn.
 Hamburg Button Co., 1140 B'way, New York
 Hampshire Pearl Button Co., Amsterdam, N. Y.
 Hawkeye Pearl Button Co., Muscatine, Ia.
 Haydenville Button Co., Haydenville, Mass.
 Hirsch Leo. H & Co., 300 E 22d, New York
 Hirshfeld Herman, New Milford, N. J.
 Hodson John M., Boone & Markle, Phila., Pa.
 Howell Chas. M., Waltham, Mass.
 Hrovda Jos. & Co., 430 E 59th, New York
 Huebner E. & Sons, 123 Van Buren, Newark, N. J.
 Imperial Pearl Button Co., 131 W 23d, New York
 International Button Co., Rochester, N. Y.
 Kensington Pearl Button Co., 2d & Diamond, Phila., Pa.
 Kral Wm. & Co., Franklin, Long Island City, N. Y.
 Kupka & Follimel, W New York, N. J.
 La Grange Pearl Button Co., La Grange, Mo.
 McKee & Bliven Button Co., Muscatine, Ia.
 Manhattan Pearl Button Mfg. Co., 195 Park pl, Long Island City, N. Y.
 Masinda Wm., West Willington, Conn.
 Mississippi Pearl Button Co., Burlington, Iowa

Mousley Arthur J., 673 S 16th, Newark, N. J.
 National Pearl Works, 502 Mulberry, Newark, N. J.
 National Pearl Works, 30 E 23d, New York
 New England Button Co., 79 Summit, Newark, N. J.
 New Haven Button Co., New Haven, Conn.
 New Jersey Button Works, 63 Morris av, Newark, N. J.
 Nord-Buffum Pearl Button Co., Louisiana, Mo.
 Parizek Frank, West Willington, Conn.
 Patent Pearl Works, 948 B'way, New York
 Pence M. E., Dallas City, Ill.
 Pioneer Pearl Button Co., 874 B'way, New York
 Pioneer Pearl Button Co., Poughkeepsie, N. Y.
 Popp James, 401 S Clinton, Chicago, Ill.
 Power & Kelsay, 377 B'way, New York
 Prockaska J & Co., 277 Broome, Newark, N. J.
 Progress Button Co., 619 Filbert, Phila., Pa.
 Rehels Bros., Newark, N. J.
 Richards Walter W., Muscatine, Ia.
 Robinson J. T. & Son, 45 E 17th, New York
 Schmalz C. F. (Blanks), Muscatine, Ia.
 Schnier Block Co., Muscatine, Ia.
 Schoor Samuel, West New York, N. J.
 Standard Pearl Button Co., 9814 Denison, Cleveland, O.
 Standard Pearl Wks., Newark, N. J.
 Superior Button Mfg. Co. (Fresh Water & Ocean), 41 N 11th, Phila., Pa.
 Tonks Bros., High, Newark, N. J.
 Tri-City Button Co., Davenport, Ia.
 Union Pearl Works (Cloak & Suit), 43 W 27th, New York
 U. S. Button Co., Muscatine, Ia.
 Vienna Pearl Button Mfg. Co., 20 W 27th, New York
 Weber & Sons, Muscatine, Ia.
 Wisconsin Pearl Button Co., LaCrosse, Wis.
 Wranck Frank, 15th av, Long Island City, N. Y.
 Znelmer Nicolas Button Works, 168 N. J. R. R. av, Newark, N. J.

1741—Buttons (Shoe)

Davis Thos. & Sons, 375 Market, Newark, N. J.
 Elite Button Co., 220 W 19th, New York
 Farnsworth, Hoyt & Co., 58 Lincoln, Boston, Mass.
 German-American Button Co., Rochester, N. Y.
 Hardman Button Co., Beverly, Mass.
 Haydenville Button Co. (Pearl), Haydenville, Mass.
 Heaton Mfg. Co., 77 Cromwell, Providence, R. I.
 Morley Button Mfg. Co., Portsmouth, N. H.
 Morley Mfg. Co., 120 Boylston, Boston, Mass.
 Rhodes M. M. & Sons Co., Taunton, Mass.
 Waterbury Button Co., Waterbury, Conn.

1742—Buttons (Stair)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Gould's M. Son & Co., 115 Lafayette, Newark, N. J.
 Judd H. L. Co., 87 Chambers, New York
 Kroder John & Hy., Reubel Co., Meeker av, Brooklyn, N. Y.
 Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

1743—*Buttons (Tool Makers')

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

1744—Buttons (Tufting)

Atlas Tack Co., Fair Haven, Mass.
 Cincinnati Cloth Button Co., 536 Main, Cincinnati, O.
 Higgin Mfg. Co. (Clinch, etc), Newport, Ky.
 Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.
 Lounsbery G. H. & Sons (Clinch), 8 W 3d, Cincinnati, O.
 Metal Stamping Co. (Clinch, etc), 13th, Long Island City, N. Y.
 Morley Button Mfg. Co. (Clinch, etc), Portsmouth, N. H.

Neider F. A. Co. ("Neider's" Patent Clinching), Augusta, Ky.
 New Haven Button Co. ("Neider" Patent Clinch, etc), New Haven, Conn.
 Tockwotten Co., Providence, R. I.
 Tufting Machine & Supply Co., Detroit, Mich.
 United Button Co., 4th av & 17th, New York

1745—Buttons (Uniform)

American Button Co., 70 Morris av, Newark, N. J.
 American Railway Supply Co., 134 Charles, New York
 City Button Works, 376 2d av, New York
 Conlan, B. & Co., 87 Hamilton, Newark, N. J.
 Lane Mfg. Co., Waterbury, Conn.
 N. Y. Button Works, 143 W 19th, New York
 Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, O.
 Platt Bros. & Co., Waterbury, Conn.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
 Steele & Johnson Mfg. Co., Waterbury, Conn.
 Waterbury Button Co., Waterbury, Conn.
 Waterbury Mfg. Co., Waterbury, Conn.

1746-7—Buttons (Wood)

Elmwood Button Co. (Enameled), Bridgeport, Conn.
ESTES E. B. & Sons (Laundry, Wood, Push, Stair, etc), 358 5th av, New York. *See adv index at end of book*
 Frary Mfg. Co., Charlemont, Mass.
 South Bend Dowel Works, South Bend, Ind.
 Stephenson Mfg. Co., South Bend, Ind.

1747a—*Butts (Ball Bearing)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

Butts (Brass)

See Hinges, Butt

1747b—*Butts (Half Surface)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747c—*Butts (Metal Door)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747d—*Butts (Parliament)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

1747e—*Butts & Hinges

STANLEY WORKS ("Stanley"), New Britain, Conn. *See adv index at end of book*

1748—Buzzers (Car, Etc.)

Consolidated Car Heating Co. (High & Low Voltage), Albany, N. Y.

1749—By-Passes (Gas Burner)

Matchless Brass Mfg. Co., 31 Washington, Brooklyn, N. Y.

1750—By-Products Plants (Designers and Erectors)

American By-Product Machinery Co., 90 West, New York
 Gas Machinery Co., 1900 Euclid av, Cleveland, O.
 Koppers H. Co. (Ammonia, Benzol & Tar Recovery), Union Arcade, Pittsburgh, Pa.

Cabinet Work for Buildings

See Interior Hardwood Work

Cabinet Work (Metallic)

See Bank & Office Fixtures, Metallic

1751—*Cabinets (Bath Room, Metal)

DAHLSTROM METALLIC DOOR CO. (With Mirrors & Glass Shelves), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

1751a—Cabinets (Blue Print Filing)

See also Blue Print Filing Cabinets
American Drafting Furniture Co. ("American" Stick & Special Drafting Room Equipment), 199 Railroad, Rochester, N. Y. *See adv index at end of book*

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

1752— Cabinets (Catalogue)

See also Filing Cabinets & Devices
American Bolt & Screw Case Co. (Dust Proof Revolving), Dayton, O.
American Drafting Furniture Co. (Wood, Special), 199 Railroad, Rochester, N. Y. *See adv index at end of book*
Hamilton Mfg. Co. (Wood & Metal), Two Rivers, Wis.
Medart Fred. Mfg. Co., De Kalb & Potomac St. Louis, Mo. *See adv index at end of book*
National Ticket Case Co., 842 W 35th, Chicago, Ill.
Ohmer's M. Sons Co. (Dust Proof), Dayton, O.
Rowe Henry Mfg. Co., Newaygo, Mich.

1753— Cabinets (Clothing)

Grand Rapids Show Case Co. (Sectional), Grand Rapids, Mich.
Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
Welch Mfg. Co. (Sectional), Grand Rapids, Mich.
Western Sash & Door Co., Kansas City, Mo.
Wilmarth Show Case Co., Grand Rapids, Mich.

1754— Cabinets (Display)

Mossberg Frank Co. (With Sockets, Socket Handles & Accessories), Attleboro, Mass.

1755—*Cabinets (Drill, Steel)

Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo. *See adv index at end of book*

1756— Cabinets (Electrotype)

American Drafting Furniture Co. (Wood Special), 199 Railroad, Rochester, N. Y. *See adv index at end of book*
Hamilton Mfg. Co., Two Rivers, Wis.
Rowe Henry Mfg. Co., Newaygo, Mich.

1756a—*Cabinets (Filing, Blue Print & Special)

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

1756a—*Cabinets (Hair Pin)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*

1756b— *Cabinets (Herb)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*

1757— Cabinets (Ice Cream)

Bishop-Babcock-Becker Co., Cleveland, O.
Chocolate Cooler Co. ("Grand Rapids"), Grand Rapids, Mich.
Crystal Refrigerator Co., Fremont, Neb.
Doering C. & Son, 1375 W Lake, Chicago, Ill.
Fremont Mfg. Co., Fremont, Neb.
Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.

Nelson C. Mfg. Co., 2300 Division, St. Louis, Mo.
Northey Mfg. Co., Waterloo, Ia.
Stehling C. H. Co., 401 4th, Milwaukee, Wis.

1758— Cabinets (Kitchen)

Acme Kitchen Furniture Co., Chattanooga, Tenn.
American Sash & Door Co., Kansas City, Mo.
Bagby Furniture Co., Eastern av & Exchange, Baltimore, Md.
Brown M. Co., Wapakoneta, O.
Buchanan Cabinet Co., Buchanan, Mich.
Cardinal Cabinet Co., Wabash, Ind.
Carr, Ryder & Adams Co., Dubuque, Ia.
Central Wood Turning Co., 610 Main N E, Minneapolis, Minn.
Cleveland Metal Products Co. ("White Seal" Enamel Metal), Ivanhoe rd & N. Y. C. R. R., Cleveland, O.
Columbia School Supply Co. (Enameled Steel), Indianapolis, Ind.
Coppes Bros. & Zook ("Nappanee"), Nappanee, Ind.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Faultless Iron Works ("The First" White Enameled Metal), St. Charles, Ill.
Greencastle Cabinet Co., Greencastle, Ind.
Hastings Cabinet Co., Hastings, Mich.
Hoosier Mfg. Co. ("Hoosier"), New Castle, Ind.
I. X. L. Furniture Co., Goshen, Ind.
Jeffersonville Mfg. Co., Jeffersonville, Ind.
Kalamazoo Stove Co. (All Steel), Kalamazoo, Mich.
Kitchen Cabinet & Table Co., High Point, N. C.
McClelland T. W. Co., Davenport, Ia.
McClernan Metal Products Co. (Steel), 122 S Michigan av, Chicago, Ill.
McClure Mfg. Co., Marion, Ind.
McDougall Co., Frankfort, Ind.
McNown Mfg. Co., Columbia City, Ind.
Michigan Cabinet Co., Grand Rapids, Mich.
Minneapolis Furniture Co., 6th av & S. E 9th, Minneapolis, Minn.
National Screen & Mfg. Co., 1456 Harrison av, Cincinnati, O.
Ohio State Stove Co. ("Ossco" All Steel), Columbus, O.
Powell's Steel Kitchen Co., 175 W Jackson blvd, Chicago, Ill.
Sanitary Metal Kitchen Cabinet Co. (Metal), Hot Springs, Ark.
Steel White Co. ("Steel White"), Jamestown, N. Y.
Union Furniture & Novelty Co., Warren, Pa.
Vredenburg W. W., 617 Sackett, Brooklyn, N. Y.
Wasmuth-Endicott Co., Andrews, Ind.
Western Sash & Door Co., Kansas City, Mo.

1759— Cabinets (Label)

McCourt Label Cabinet Co., Bradford, Pa.

1760— Cabinets (Letter Filing)

See Filing Cabinets & Devices

1761— Cabinets (Medicine)

Accident Cabinet Co. (Emergency Accident), Kalamazoo, Mich.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.
Cleveland Metalcraft Co. (Steel), Cleveland, O.
Conant Bros. Co., Somerville, Mass.
Conrey-Davis Mfg. Co., Shelbyville, Ind.
Corry Metal Products Co. ("Steel-Age"), Corry, Pa.
Dahl Mfg. Co., 841 E 136th, New York
Dougherty H. D. & Co. ("Faultless"), 17th & Indiana av, Phila., Pa.
Eustis J. P. & Co. ("Brasscrafters"), Cambridge, Mass.
Galard Co. ("Omala" White), 335 6th av, Newark, N. J.
Goshen Novelty & Brush Co., Goshen, Ind.
Graf Frank H. Mfg. Co., 332 7th av, New York
Hess Warming & Ventilating Co. (Enameled Steel), 1211 S Western av, Chicago, Ill.
Ideal Riverside Hinge & Cabinet Co. ("Ideal" Bath Room Wood), 3666 Park av, St. Louis, Mo.
Indianapolis Drug Cabinet Co., Indianapolis, Ind.

Jamestown Window Screen Co. ("Sanisteel"), Jamestown, N. Y.
Johnson & Johnson (Emergency Accident), New Brunswick, N. J.
Morgan Co. (Wood), Oshkosh, Wis.
National First Aid Cabinet Works ("P. & M." First Aid), 443 S Dearborn, Chicago, Ill.
Nurre Mirror Plate Co. (All-Steel), Bloomington, Ind.
Powell's Steel Kitchen Co., 175 W Jackson blvd, Chicago, Ill.
Safe-Cabinet Co. ("Safe-Cabinet," Bath Room, etc), Marietta, O.
Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.
Shwab Bros. Co. (Wood), 811 E 9th, New York
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.
Standard Cabinet Mfg. Co. (Also Phonograph, X-Ray & Automobile), Peru, Ind.
Stephenson C. H. ("Stephenson"), Lynn, Mass.
Stokes Wm. A. & Co. (Wood), 50 Howard, New York
Trio Mfg. Co. (Steel), Cleveland, O.
Udell Works (Wood), Indianapolis, Ind.
Union Tool Chest Wks. (Wood Bath Room, etc.), 99 Railroad, Rochester, N. Y. *See adv index at end of book*

1762— Cabinets (Music)

Art Novelty Co., Goshen, Ind.
Automatic File & Index Co., Green Bay, Wis.
Ballman Cabinet Co., Livingston & Linn, Cincinnati, O.
Beecher Falls Co., Beecher Falls, Vt.
Box Albert K., Pulaski, N. Y.
Brooks Furniture Mfg. Co., Rochester, N. Y.
Brown C. G. Furniture Co., 122 Dickerson, Syracuse, N. Y.
Butler Mfg. Co., 721 N Clinton, Syracuse, N. Y.
Detroit Cabinet Co., 988 Riopelle, Detroit, Mich.
Faribault Furniture Co., Faribault, Minn.
Forest City Furniture Co., Rockford, Ill.
Grand Rapids Chair Co., Grand Rapids, Mich.
Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.
Herrmann H. Furniture Co., 368 Broome, New York
Herzog Art Furniture Co., Saginaw, Mich.
High Point Mfg. Co., High Point, N. C.
Hoffer W. Furniture Co., Cohoes, N. Y.
Homan Andrew Co., 450 Water, New York
Jamestown Cabinet Co., Jamestown, N. Y.
Lauter H. Co., W Wash. & Harding, Indianapolis, Ind.
Mechanics' Furniture Co., Rockford, Ill.
Miller Cabinet Co., Rochester, N. Y.
New Farson Mfg. Co., Chester, Pa.
North Star Furniture Co., Faribault, Minn.
Northwestern Cabinet Co., Burlington, Ia.
Novelty Wood Works Co., Union City, Pa.
Oriol Cabinet Co., Grand Rapids, Mich.
Peterson Art Furniture Co., Faribault, Minn.
Phoenix Mfg. Co., Covington, Ky.
Rockford Desk Co., Rockford, Ill.
Rockford Palace Furniture Co., Rockford, Ill.
Salter Mfg. Co., 339 N Oakley bl, Chicago, Ill.
Sheboygan Novelty Co., Sheboygan, Wis.
Stein J. & Sons, 38 Franklin, Brooklyn, N. Y.
Tonk Mfg. Co., 2028 Clybourn av, Chicago, Ill.
Udell Works, Indianapolis, Ind.
Union Furniture Co., Rockford, Ill.
Union Tool Chest Wks. (Wood; Special), 99 Railroad, Rochester, N. Y. *See adv index at end of book*
Western Reserve Furniture Co., Warren, O.

1763— Cabinets (Oil)

American Oil Pump & Tank Co. ("American" Self-Measuring), Cincinnati, O.
Beman Automatic Oil Can Co. ("Beman" Automatic Curb Self-Measuring Gasoline Supply for Automobiles & Engines, etc), Meadville, Pa.
Bowser S. F. & Co., Fort Wayne, Ind.
Chapin R. E. Mfg. Works ("Eclipse"), Batavia, N. Y.
Kraft A. C., 323 W Lake, Chicago, Ill.
Lowe S. C. Supply Co., New Bedford, Mass.
Milwaukee Tank Works, 156 Clinton, Milwaukee, Wis.

New York Oil Cabinet Co. ("Wiley"), 103 Walker, New York
Wadsworth C. J., Cleveland, O.
Whitall, Tatum Co., 410 Race, Phila., Pa.

1764—Cabinets (Panel Board)

See also Telephone Cabinet Work

Adam Frank Electric Co. ("F-A"), 904 Pine, St. Louis, Mo.
Allsteelquipt Co. (Metal), Aurora, Ill.
Bissell F. Co. ("Security"), Toledo, O.
Bonnell W. A. Co., 132 Church, New York
Burns James F., 713 Cherry, Phila., Pa.
Cleveland Switchboard Co., Cleveland, O.
Columbia Metal Box Co., 226 E 144th, New York
Commercial Switchboard Mfg. Co., Denver, Co.
Connecticut Electric Mfg. Co., Bridgeport, Conn.
Crouse-Hinds Co. (Steel; also Wood), Syracuse, N. Y.
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Metal), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*
Empire Electric & Mfg. Co., Plainville, Conn.
Hinsdill Electric Company, Troy, N. Y.
Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
Mutual Electric & Machine Co. ("Bulldog"), 232 Fort, W, Detroit, Mich.
Newgard Henry & Co. ("Newgard"), 947 Washington Blvd, Chicago, Ill.
Paiste H. T. Co. ("Le Manquais"), 3201 Arch, Phila., Pa.
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.
Renim Specialty Co., Brighton, Boston, Mass.
Superior Electric Mfg. Co., 2416 University av, S E, Minneapolis, Minn.
Taunton-New Bedford Copper Co. (Metal), Taunton, Mass.
Troy Electrical Co. (Metal), Troy, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn.
Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
Worcester Elec. & Mfg. Co., Worcester, Mass.
Wurdack Wm. Electric Mfg. Co., 21 11th, St. Louis, Mo.

1765—Cabinets (Sewing)

Buchanan Cabinet Co., Buchanan, Mich.
I. X. L. Furniture Co., Goshen, Ind.
Joerns Bros. Mfg. Co., Exposition bldg, St. Paul, Minn.
Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
Stokes Mfg. Co., Montgomery, Pa.

1766—Cabinets (Spice)

Arcade Mfg. Co., Freeport, Ill.
Kronman E., 40 Catharine, New York
Nichtauser & Levy, 252 Java, Brooklyn, N. Y.
Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
Richardi & Bechtold, Bellaire, Mich.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

1766a—Cabinets (Steel)

Art Metal Products Co., 514 S Green, Chicago, Ill.
Lyon Metallic Mfg. Co., Aurora, Ill.

1766b—*Cabinets (Switchboard)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1767—Cabinets (Syrup)

Bishop-Babcock-Becker Co., Cleveland, O.

1767a—*Cabinets (Talking Machine)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Federal Equipment Co., Carlisle, Pa.
Long Geo. A. Cabinet Co., Hanover, Pa.

1768—*Cabinets (Thread)

ESTES E. B. & SONS, 358 5th av, New York
See adv index at end of book

Cabinets (Toilet Paper)

See Holders, Toilet Paper

1769—*Cabinets (Tool)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

1770—Cabinets (Tool, Steel)

Allsteelquipt Co., Aurora, Ill.
Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
Cleveland Wire Spring Co., Cleveland, O.
Darby Edw. & Sons Co. ("Pen-Dar"), 239 Arch, Phila., Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
HART & HUTCHINSON CO. ("H. & H."), Dept. C, New Britain, Conn.
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book
SNEAD & CO. IRON WORKS, INC., 98 Pine, Jersey City, N. J.
See adv index at end of book
Terrell's Equipment Co., Broadway, Grand Rapids, Mich.

1770a—*Cabinets (Tool, Wood)

AMERICAN DRAFTING FURNITURE CO

199 Railroad Street, Rochester, N. Y.

1771—Cabinets (Utility, Steel)

Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.

1772—*Cabinets (Wood)

American Drafting Furniture Co. (Stock & Special), 199 Railroad, Rochester, N. Y. *See adv index at end of book*
ESTES E. B. & SONS (Turned Wood, Hair Pin, Thread, Tool, Switchboard, etc), 358 5th av, New York
See adv index at end of book
Union Tool Chest Wks. (Towel Supply), 99 Railroad, Rochester, N. Y.
See adv index at end of book

Cabinets & Filing Cases (Metallic)

See Filing Cabinets & Devices, with the words Metallic or Steel following firm names

1773—Cable (Ignition)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Boston Insulated Wire & Cable Co., Boston, Mass.

Empire Tire & Rubber Corp. ("Empire," "Ideal"), East Trenton, N. J.
See adv index at end of book

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Herz & Co., 245 W 55th, New York

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.

Mosler A. R. & Co., Webster & Wakefield avs, New York

OKONITE CO., 501 Fifth av, New York
See adv index at end of book

Packard Electric Co., Warren, O.

Post & Lester Co., Hartford, Conn.

Splitdorf Electrical Co., 98 Warren, Newark, N. J.

Standard Underground Cable Co., Pittsburgh, Pa.

Cable Railways

See Wire Rope Tramways

Cables (Armored)

See Conductors, Armored

1774—*Cables (Asbestos Station)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

1775—Cables (Carriage Top)

Crandal, Stone & Co. ("Pioneer"), Binghamton, N. Y.

1776—*Cables (Copper, Electric)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

1777—*Cables (Drilling, Manila)

See also Rope, Manila; Rope, Wire

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.

See adv index at end of book

1777a—*Cables (Launch Steering)

ROEBLING'S JOHN A. SONS CO., Main office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

1778—*Cables (Mining Machine)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Cables (Rubber Covered)

See Wire, Rubber Covered

1779—Cables (Submarine, Underground & Lead Encased)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.

See adv index at end of book

Atlantic Insulated Wire & Cable Co., Stamford, Conn.

Bay State Insulated Wire & Cable Co., Hyde Park, Mass.

Bishop Gutta-Percha Co., 420 E 25th, New York

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Goodrich B. F. Co., Akron, O.

Habirshaw Elec. Cable Co., 10 E 43rd, New York

Hazard Mfg. Co., Wilkes-Barre, Pa.

Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.

Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York

National Conduit & Cable Co., 41 Park row, New York

National India Rubber Co., Bristol, R. I.

N. Y. Insl. Wire Co., 114 Liberty, New York

OKONITE CO., 501 Fifth av, New York
See adv index at end of book

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.

See adv index at end of book

Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.

Standard Underground Cable Co. (Paper, Varnished Cambric, Rubber & Fibre Insulated), Pittsburgh, Pa.

Western Electric Co., 463 West, New York

1780—*Cables (Suspension Bridge)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.

See adv index at end of book

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J.

See adv index at end of book

Cables (Weatherproof)

See Wire, Weatherproof

Cableways (Aerial)

See Wire Rope Tramways

1781—*Cableways (Concrete Handling)

LIDGERWOOD MFG. CO., 96 Liberty, New York
See adv index at end of book

1782—*Cableways (Contractors')

LIDGERWOOD MFG. CO., 96 Liberty, New York
See adv index at end of book

1783—*Cableways (Drag Line)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

1784—*Cableways (Logging)

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

1785—*Cableways (Sewer & Trench Excavating)

See also Wire Rope Tramways

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Cableways (Wire Rope)

See Wire Rope Tramways

1786— Cadgers (Mining)

GEM MFG. CO. ("Gem" Steel, for Miners' Oil Reserve Supply), Goebel nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

1787— Cadmium

American Smelting & Refining Co., 120 B'way, New York

Drakenfeld B. F. & Co. (Sulphide, Imp), 50 Murray, New York

Grasselli Chemical Co. (Pure in Sticks & Cadmium Sulphide), Guardian bldg, Cleveland, O.

Krebs Pigment & Chemical Co. (Sulphide), Newport, Del.

McKesson & Robbins (Imp), 91 Fulton, New York

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

U. S. Zinc Co., Pueblo, Colo.

Wiarda John C. & Co. (Sulphide), 273 Greene, Brooklyn, N. Y.

1788— Caffeine

Monsanto Chemical Works, St. Louis, Mo.

National Aniline & Chemical Co. ("Howards," Imp), 100 William, New York

1789— Cages (Batting)

Spalding A. G. & Bros., 126 Nassau, New York

1790—Cages (Bird, Animal, Etc.)

Dufur & Co. (Brass, Enameled Bird; also Wooden), 311 N Howard, Baltimore, Md.

Empire Cooping Co. (Cat, Pigeon, Poultry), Fultonville, N. Y.

Gray Peter & Sons, Inc. (Animal), 286 3d, East Cambridge, Mass.

Heinz & Munschauer (Bird, Squirrel, etc), Buffalo, N. Y.

Hendryx Andrew B. Co. (Bird, Parrot, Squirrel), New Haven, Conn.

Lindemann O. & Co. (Bird, Mouse, Parrot, Squirrel), 35 Wooster, New York

Maxwell's John Sons (Bird, Parrot, Squirrel), 259 Pearl, New York

Meyers F. J. Mfg. Co. (Bird, Squirrel, Wooden), Hamilton, O.

See adv index at end of book

Osborn Mfg. Co. (Brass, Silver Plated & Solid Bronze Bird), 675 Hudson, New York

Page Woven Wire Fence Co. (Bear, Bird, Monkey), Adrian, Mich.

Phillips & Buttorff Mfg. Co. (Squirrel), Nashville, Tenn.

1791— Cages (Mine)

See also Skips, Mine

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*

Bartlett A. F. & Co., Saginaw, Mich.

BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*

Connellsville Machine & Car Supply Co., Connellsville, Pa.

Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.

Davis F. M. Iron Works Co., Denver, Colo.

Denver Engineering Works Co., Denver, Colo.

Diamond Machine Co., Monongahela, Pa.

Dillon Box Iron Works Co., Denver, Colo.

Duncan Foundry & Machine Works (Self-Dumping & Plain), Alton, Ill.

Eagle Iron Works ("Olsen's" Self-Dumping), Des Moines, Ia.

Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.

Harris-Stevens Co., Pittsburgh, Pa.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Herzler & Henninger Machine Works (Automatic & Plain), Belleville, Ill.

Imperial Iron Works, Duluth, Minn.

Kilbourne & Jacobs Mfg. Co., Columbus, O.

Lake Shore Engine Works, Marquette, Mich.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. Ry., Philadelphia, Pa.

See adv index at end of book

Litchfield Fdry. & Machine Co. (Self-Dumping & Ordinary), Litchfield, Ill.

Lucas A. & Sons (Self-Dumping), 1329 S Washington, Peoria, Ill.

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

Mine & Smelter Supply Co., 42 B'way, New York

Mineral Ridge Mfg. Co. ("Stevens"), Mineral Ridge, O.

National Iron Co., Duluth, Minn.

Niles Mine & Mill Supply Co., Cleveland, Ohio

Ottumwa Box Car Loader Co. (Self-Dumping & Standard), Ottumwa, Ia.

Ottumwa Iron Works, Ottumwa, Ia.

Prox Frank Co., Terre Haute, Ind.

Scottdale Mach. & Mfg. Co. (Automatic), Scottdale, Pa.

Silver Bros. Iron Works Co., Salt Lake City, Utah

Southern Illinois Mach. & Fdry. Co., Murphysboro, Ill.

Stine S. B. (Automatic), Osceola Mills, Pa.

Traylor Engng. & Mfg. Co., Allentown, Pa.

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

Union Iron Works, Spokane, Wash.

Union Iron Works, Hoboken, N. J.

United Iron Works Co., Springfield, Mo.

Vulcan Iron Works, Wilkes-Barre, Pa.

Wellman-Seaver-Morgan Co., Cleveland, O.

What Cheer Tool Co. ("Walker" Automatic Reversible), What Cheer, Ia.

Cages (Squirrel)

See Cages, Bird, Animal, etc.

1792— Caisson Foundations

See also Bridge Foundations

Blodgett Construction Co., Kansas City, Mo.

Clark & Co., 225 5th av, New York

Cranford Paving Co., 2620 E N W, Washington, D. C.

Cullen-Friedstedt Co., 7 S Dearborn, Chicago, Ill.

Foundation Co. (Engineers & Contractors, Pneumatic etc), 233 B'way, New York

Gahagan Walter H., 147 Remsen, Brooklyn, N. Y.

Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.

Houston C. B. & Co., Franklin Bank bldg, Phila., Pa.

McMullen Arthur Co., 149 B'way, New York

McMurry J. W. Contracting Co., Kansas City, Mo.

Missouri Valley Bridge & Iron Co. (A. J. Tullock, Prop.), Leavenworth, Kan.

O'Rourke Engineering Construction Co., 17 Battery pl, New York

Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.

Simplex Foundation Co., 3400 Disston, Phila., Pa.

Steers Henry, 17 Battery pl, New York

Sutter Jno. H., 30 N La Salle, Chicago, Ill.

1793— Caissons (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

Builders' Iron Foundry, 9 Coddling, Providence, R. I.

1794— Caissons (Sheet Steel)

Coatesville Boiler Works (Steel), Coatesville, Pa.

Columbiana Boiler Co., Columbiana, O.

DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

East Jersey Pipe Corp., Paterson, N. J.

Ellicott Machine Corp., Bush & Severn, Baltimore, Md. *See adv index at end of book*

Graver Wm. Tank Works, East Chicago, Ind.

Heil Co., Milwaukee, Wis.

Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Leslie, Elliott & Co., Paterson, N. J.

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

Mitchell-Tappen Co., 50 Broad, New York

Petroleum Iron Works Co., Sharon, Pa.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.

See adv index at end of book

Pollock Wm. B. Co., Youngstown, O.

Reeves Bros. Co., Alliance, O.

Riter-Conley Co., Pittsburgh, Pa.

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

See adv index at end of book

Smith Samuel & Son Co., Paterson, N. J.

Tippett & Wood, Phillipsburg, N. J.

TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

Union Iron Works, Hoboken, N. J.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

See adv index at end of book

See adv index at end of book

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1800a—*Calendar Cases (Castings: Gorham Special Patent)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

1801— Calendars (Desk)

Knapp Co., 52 E 19th, New York
Myers Elwood Co. (Advertising), Springfield, O.
Parrott Matt & Sons Co. (Perpetual Daily Date), Waterloo, Iowa
Tatum Sam'l C. Co. ("Gem"), Cincinnati, O.

1802— Calibrators (Meter)

Roller-Smith Co. ("Columbia"), 233 B'way, New York
Sangamon Electric Co., Springfield, Ill.

Calipers (Beam)

See Calipers & Dividers, Spring

1803— *Calipers (Firm Joint)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

1804— Calipers (Log)

Humphrey Machine Co. (Decimal), Keene, N. H.
Keuffel & Esser Co., Hoboken, N. J.
Lufkin Rule Co., Saginaw, Mich.

Calipers (Micrometer)

See Gauges, Micrometer

1805— Calipers (Vernier)

Brown & Sharpe Mfg. Co., Providence, R. I.
Schuchardt & Schutte ("S. & S."), 90 West, New York
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

Calipers (Winged)

See Dividers, Wing & Extension;
also Calipers & Dividers

1806—Calipers & Dividers (Spring)

See also Gauges, Dividers, Wing & Extension; also Rules, Caliper; also Squares, Caliper; also Micrometers; also Spherometers

Athol Machine Co. ("Premier" & "A. M. C."), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Egan Thos. F. Hardware Co. ("Cope-land's"), Worcester, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Johnson Wm. (Hedenberg Works), (Registering, Double, Navy, etc), Newark, N. J.
Krauter & Co. (Register, Outside, Navy, etc), 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.
Sandow Tool Co., 570 W B'way, New York
Sawyer Tool Mfg. Co., Ashburnham, Mass.
Smith H. B. Machine Co. (Chisel, for Hand Turning), Smithville, N. J.
STARRETT L. S. CO. ("Fay" & "Yankee"), Athol, Mass. See adv index at end of book
Union Tool Co., Orange, Mass.
Welles Fred A. (Adjustable, etc), Waukesha, Wis.
West Haven Mfg. Co. ("Peck's" Extension Divider, An Inside & Outside Caliper), West Haven, Conn.

1807— Calks (Boot)

North & Pfeiffer Mfg. Co. ("Pfeiffer" Wing Screw), Hartford, Conn.
Lufkin Rule Co. (Lumbermen's, etc), Saginaw, Mich.
Morley Bros. (Lumbermen's), Saginaw, Mich.

1807a— Calks (Drive)

Diamond Calk & Horse Shoe Co., Duluth, Minn.
Giant Grip Horse Shoe Co. ("Giant Grip"), Oshkosh, Wis.

Green Bay Drive Calk Co., Green Bay, Wis.
Neverslip Mfg. Co., New Brunswick, N. J.
Rowe Calk Co., Hartford, Conn.
Williams Drop Forging Co., Scranton, Pa.

1807b—Calks (Screw, Removable)

American Calk Co. ("Sure Grip"), 1217 Forest, Detroit, Mich.
Neverslip Mfg. Co. ("Neverslip" Red Tip), New Brunswick, N. J.
Reynolds James Mfg. Co. ("Acme," "Wont Slip"), New Haven, Conn.
Rowe Calk Co. ("Rowe," "H"), Hartford, Conn.
Williams Drop Forging Co. ("Williams Can't Slip," "Black Diamond"), Scranton, Pa.

Calks (Toe, Horseshoe)

See Toe Calks, Steel

1808— Calls (Duck & Crow)

Allen Fred A. Sportsman's Specialty Co. (Wood Shell), Monmouth, Ill.
Ditto Charles H. ("Ditto"), Keithsburg, Ill.

1809— Calomel

National Aniline & Chemical Co. ("Howards" Imp), 100 William, New York
Pfizer Charles & Co., 81 Maiden la, New York

1810— Calorimeters

American Meter Co. (Improved "Junkers") 11th av & 47th, New York
American Steam Gauge & Valve Mfg. Co. ("Ellison" Throttling Evaporating), 208 Camden, Boston, Mass.
Bausch & Lomb Optical Co., Rochester, N. Y.
Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.
Eimer & Amend, 205 3d av, New York
Ellison Lewis M. ("Ellison" Throttling-Evaporating), 214 W Kinzie, Chicago, Ill.
Emerson Apparatus Co., 251 Causeway, Boston, Mass.
Gaertner Wm. & Co. ("Mahler," Bomb Type, etc), 5349 Lake Park av, Chicago, Ill.
Lenz Apparatus Co., 9 E 16th, New York
Lexington Instrument Works ("Smith" Recording Gas), Lexington, Richland Co., Ohio
Precision Instrument Co. ("Roland Wilds"), Detroit, Mich.
Sarco Engineering Co., South Ferry bldg, New York
Sargent Steam Meter Co. (Automatic Gas), 1902 N California, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO. ("Carpenter" Throttling, Separating & Coal), Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Smith Gas Power Engineering Co. ("Smith" Recording Gas), Lexington, Richland Co., Ohio
Standard Calorimeter Co. ("Parr"), East Moline, Ill.
Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.
Superior Meter Co., Bush Terminal bldg, Brooklyn, N. Y.

1811— Cameos

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1812— Camera Obscuras

McAllister T. H.-Keller Co., 176 Fulton, New York

1813— Cameras

Anso Co., Binghamton, N. Y.
Bauer Max, Jersey City, N. J.
Benson Dry Plate & Camera Co. (Ferrotypes & Postal Card), 23 Delancey, New York
Chicago Ferrotypes Co., 1455 W Congress, Chicago, Ill.
Chronik Bros. (Moving Picture), 73 Gold, New York
Conley Camera Co., Rochester, Minn.
Eastman Kodak Co. ("Graflex," "Premo," "Kodak," "Brownie"), Rochester, N. Y.
Gennert G., 24 E 13th, New York

Goerz C. P., American Optical Co., 317 E 34th, New York
Gundlach Manhattan Optical Co. ("Korona"), Rochester, N. Y.
Ingersoll Robt. H. & Bro., 315 4th av, New York
Mountford Mfg. Works, Dumont, N. J.
Peerless Mfg. Co., Norwalk, Conn.
Schneider Eberhard (Moving Picture), 219 2d av, New York
Seneca Camera Mfg. Co., Rochester, N. Y.
Universal Camera Co., 557 W Jackson blvd, Chicago, Ill.
Vifex Camera Co., Springfield, Mass.
Wing S. & Co., Charleston, Boston, Mass.
Woodbury & Co. (Aerial), Worcester, Mass.

1814—Camp Cooking Outfits & Stoves

Aluminum Goods Mfg. Co., Manitowoc, Wis.
Gold Medal Camp Furniture Mfg Co., Racine, Wis.
Kraft A. C. ("Kamp Komfort" Heaters & "Kamp Kook's" Kits), 323 W Lake, Chicago, Ill.
Stoppie Kook Kit Co., Alma, Mich.

1815— Camp Stools & Chairs

Defiance Welding Co. (Steel Stools only, Folding), Defiance, O.
Gold Medal Camp Furniture Mfg. Co., Racine, Wis.
McKinnon Dash Co. (Folding Metal), Buffalo, N. Y.
STANLEY WORKS ("Stanley" Folding Camp Stool), New Britain, Conn.
See adv index at end of book
Steinfeld Bros. (Folding), 116 W 32nd, New York

1816— Camphor

American Camphor Refining Co. (Refined), 14 Fulton, Boston, Mass.
American Trading Co. (Imp), 25 Broad, New York
Ayers, Bridges & Co. (Imp), 79 Wall, New York
Baker H. J. & Bro. (Refiners), 81 Fulton, New York
Barrett Co., 17 Battery pl, New York
Cresol Chemical Co. (Oriental Rice, etc), 8 Van Buren, Brooklyn, N. Y.
Fearon, Brown Co. (Imp), 96 Wall, New York
Ferguson Bros., 109 Chestnut, Phila., Pa.
Frost & Cundill, Inc. (Imp.), 60 Wall, New York
Fuerst Bros. & Co., 2 Stone, New York
Johnson & Johnson (Refined), New Brunswick, N. J.
Jones E. F. Chemical Co., 51 Jay, New York
Lehn & Fink (Japanese, Imp), 120 William, New York
Lewy Chemical Co., 26 E 22d, New York
Mallinckrodt Chemical Works (Refined), 2nd & Mallinckrodt, St. Louis, Mo.
Mitsui & Co. (Imp), 25 Madison av, New York
National Aniline & Chemical Co. (Imp), 100 William, New York
Parke, Davis & Co. (Japanese), Detroit, Mich.
Pfizer Chas. & Co. (Refined), 81 Maiden la, New York
Satsuma Co., Satsuma Heights, Fla.
Schieffelin & Co. (Refined, Imp), 170 William, New York
Stillwell Arthur A. & Co. (Imp), 20 Cliff, New York

1817— Cams

Barrett Bros., 43 Haverhill, Boston, Mass.
Chester Steel Castings Co., Chester, Pa.
Chrome Steel Works (Canada Chrome Steel, Self-Locking), Chrome, N. J.
Denver Engineering Works Co. (Cam Shafts for Stamp Mills), Denver, Colo.
Erie Forge Co. (Shafts for Stamp Mills, Eccentric Forgings), Erie, Pa.
Garvin Machine Co., 147 Varick, New York
KENNEDY-VAN SAUN MFG. & ENG. CORP. ("Cania" Self-Locking, etc), 120 B'way, New York
See adv index at end of book
National Steel Casting Co., Montpelier, Ind.
Rowbottom Machinery Co. (For Machinery), Waterville, Conn.
Union Drop Forge Co. (Drop Forged), 358 W Grand, Chicago, Ill.
Worthington Pump & Machy. Corp., 115 B'way, New York

1817a— Candle (Tubes)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

1818— Candles (Bees Wax)

Cathedral Candle Co., Syracuse, N. Y.
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Marty F. & Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1819— Candles (Carbide)

Ainsworth Wm. & Sons ("Arnold"), Denver, Colo.

1820— Candles (Coach)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Emery Candle Co., Cincinnati, O.
Gross A. & Co., 90 West, New York
Marty F. & Co., Syracuse, N. Y.
Standard Oil Co., of N. J., 26 Broadway, New York
Will & Baumer Co., Syracuse, N. Y.

1821— Candles (Electric)

American Ever Ready Works, Thompson av, Long Island City, N. Y.

1822—Candles (Mutton Tallow)

Boyd James, 408 W 26th, New York
Syracuse Candle Co., Syracuse, N. Y.

1823—Candles (Plumbers' & Mining)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
Cathedral Candle Co., Syracuse, N. Y.
EMERY CANDLE CO., Cincinnati, O.
Finn Geo. M., 427 E Water, Syracuse, N. Y.
Great Western Oil Co., Cleveland, O.
Gross A. & Co., 90 West, New York
Harkness & Cowing Co., Murray av, & Carthage Pike St. B, Cincinnati, O.
Knapp Mfg. & Supply Co., 241 Water, New York
Knapp Edw. J. Candle Co., Syracuse, N. Y.
Marty F. & Co., Syracuse, N. Y.
Schaeffer Bros. & Powell Mfg. Co., Barton & Koslusko, St. Louis, Mo.
Smith & Nichols, 121 Maiden la, New York
Standard Oil Co. of N. J., 26 B'way, New York
Standard Oil Co. of N. Y. ("Which Will Tin," "Electric Light," "Granite," "Snow Flake"), 555 W 25th, New York
Syracuse Candle Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1824—Candles (Stearic Acid)

Emery Candle Co., Cincinnati, O.
Gross A. & Co., 90 West, New York
Knapp Edw. J. Candle Co., Syracuse, New York
Marty F. & Co., Syracuse, N. Y.
Will & Baumer Co., Syracuse, N. Y.

1825— Candles (Sulphur)

Seabury & Johnson, 59 Maiden la, New York
White Tar Co., 4 Cliff, New York

1826—Candlesticks (Colonial)

American Ring Co. (Brass), Waterbury, Conn.
Boston Brass Andiron Co., 104 Utica, Boston, Mass.
Buffalo Mfg. Co., Buffalo, N. Y.
Central Stamping Co. (Planished Brass, etc), 172 Fulton, New York
Crescent Brass Mfg. Co., Cleveland, O.
Elm City Brass & Rivet Co., Plainville, Conn.
Henry-Bonnard Bronze Co., 20 Exchange pl, New York
Jackson Wm. H. Company, 2 W 47th, New York
Janusch Mfg. Co. (Brass & Copper), 496 E 134th, New York
National Enameling & Stamping Co., 411 5th av, New York
Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.

Rostand Mfg. Co. ("Rostand," Brass), Milford, Conn.
Thomas Seth Clock Co., Thomaston, Conn.
Warner Silver Co. (Gold, Silver & Brass Plated), Bridgeport, Conn.

1827—Candlesticks (Miners' & Plumbers')

Ludlow-Saylor Wire Co., Newstead av & Wabash R R, St. Louis, Mo.
Stortz John & Son, 210 Vine, Phila., Pa.
Varney N. E., Denver, Colo.

1828— Canisters

See also Tinware Mfrs.

Canister Co. of New Jersey ("Canwood" Fibre, etc, with Tin Tops & Bottoms for Dry Foods & Chemicals), Phillipsburg, N. J.
Central Stamping Co., 172 Fulton, New York
Fernald Mfg. Co. (Tea, Coffee), North East, Pa.
Kaiser Geo. J. (Tin Grocers), 194 Duane, New York
Kronman E. (Tea Coffee), 40 Catharine, New York
Lalance & Grosjean Mfg. Co. (Tea, Coffee, Sugar, etc, Japanned), 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
St. Louis Paper Can & Tube Corporation (Dry Products), St. Louis, Mo.
Threthaway Bros. (Japanned & Lithographed), Parsons, Pa.

1829— Canned Goods

NOTE—Firms listed under this heading are given at their main office only.

Marked thus * indicates fish
Marked thus b indicates berries
Marked thus f indicates fruit
Marked thus m indicates meat
Marked thus p indicates preserves
Marked thus v indicates vegetables

Articles not included in above categories are given in parentheses following the name.

vAcme Canning Co., Midway, Tenn.
mAcme Packing Co., 2226 S La Salle, Chicago, Ill.
vAcme Preserve Co. (Pork & Beans), Adrian, Mich.
vActon Products Co., Acton, Ind.
fAdam Bros. & Sellers Fig Co., Alvin, Tex.
Adams A. Jr. (Olives), Sunland, Cal.
vAdamstown Canning & Supply Co., Adamstown, Md.
*Addison Packing Co., Southwest Harbor, Me.
vAdell Canning Co., Adell, Wis.
vAdy S. J., Sharon, Md.
vAgee Canning Co., Baldwin Station, Va.
vAillo Bros. & Co., Highland, N. Y.
fAinsley J. C. Packing Co., Campbell, Cal.
*Ainsworth & Dupp, Seattle, Wash.
vAireys Packing Co., Aireys, Md.
fvAkin W. F., Galena, Mo.
Alabama-Georgia Syrup Co., Montgomery, Ala.
Alart & McGuire Co. (Pickles, Olives & Chili Sauce), 116 Imlay, Brooklyn, N. Y.
*Alaska Packers' Ass'n., Wells Fargo bldg, San Francisco, Cal.
*Alaska Portland Packers' Ass'n., Yeon bldg., Portland, Ore.
*Alaska Sanitary Packing Co., Seattle, Wash.
vAlbany Canning Co., Albany, Wis.
fvbAlbermarle Products Co., Charlottesville, Va.
vAlderson Mfrs. F. M., Troutville, Va.
Alexander Molasses Co., 168 W Austin av, Chicago, Ill.
vAlexandria Preserving Co., Alexandria, Ind.
vAliff E. C., Buchanan, Va.
vfAlliance Preserving Co., Ridgely, Md.
fbAllivine Co., Norma, N. J.
fvAlmeda Canning Co., Wellston, O.
Alpine Evaporated Cream Co. (Milk) Gonzales, Cal.
fvAlton Canning Co., Alton, Ind.
*Altoona Packing Co., Altoona, Wash.
vAmboy Products Co. (Hominy), Amboy, Ill.
vAmbrose J. T., Oakland, W. Va.
American Milk Co., 324 W Kinzie, Chicago, Ill.

American Olive Co., 1701 E Adams, Los Angeles, Cal.
*American Packing Co., Everett, Wash.
vAmerican Pickle & Canning Co. (Catsup, Olives, Pickles & Hominy), Wiggins, Miss.
vpbAmerican Syrup & Preserving Co. (Syrup & Molasses), Terminal Trks. & E Union, St. Louis, Mo.
vAmsterdam Canning Co., Amsterdam, Mo.
*Anacortes Fisheries Co., Seattle, Wash.
*Anchor Fish Co., Anacortes, Wash.
vAnderson Bros. Canning Co., Oskaloosa, Ia.
vAndrew C. A., Conowingo, Md.
vAndrew L. J. & Co., Bethlehem, Md.
vAndrews J. B. & Co., Hurlock, Md.
*vAndrews Packing Co., Crapo, Md.
vAntigo Canning Co., Antigo, Wis.
*Apex Fish Co., Anacortes, Wash.
fAppalachian Apple Orchards, Tallulah Park, Ga.
bfvAppleby Bros., Fayetteville, Ark.
*vApplegarth C. L. Co., ft. of Webster, Baltimore, Md.
vApplegarth W. F., Golden Hill, Md.
vfAppleton Canning Co., Grand Junction, Colo.
vArcadia Canning Wks., Arcadia, Ind.
vArcher C. S., Pylesville, Md.
vArcher J. W. & Son, Wilna, Md.
vArcher John, Magnolia, Md.
vfArkansas Orchard Planting Co., Highland, Ark.
vArlington Canning Ass'n., Arlington, Minn.
mvArmour & Co. (Spaghetti), 208 La Salle, Chicago, Ill.
*Armstrong J. B. Co., Norfolk, Va.
*Arro-Line Packing Co., Aberdeen, Wash.
bfvAssau W. F. Canning Co. (Pork & Beans), Boston cor Streeper, Baltimore, Md.
*Astoria & Puget Sound Canning Co., South Bellingham, Wash.
fvAtkinson P. W., Berkeley Springs, W. Va.
fvAtlanta Canning Co., Atlanta, N. Y.
vAtlantic Canning Co., Atlantic, Ia.
*Atlantic Canning Co., Eastport, Me.
vAtlantic Canning Co., Rehoboth Beach, Del.
*Atwood River Canning Co., Valona, Ga.
fvAuburn Canning Co., Auburn, Nebr.
vAudubon Canning Co., Audubon, Ia.
*bfvAughinbaugh Canning Co. (Hominy), ft. Lawrence, Baltimore, Md.
fmvAusting Canning Co. (Hominy), Austin, Ind.
Aviston Condensed Milk Co., Aviston, Ill.
fvbAyars Clinton B. Canning Co., Bridge-ton, N. J.
B. & O. Milk Co., Carlyle, Ill.
vBadger Canning Co., Beaver Dam, Wis.
fvbBagley Canning Co., Talent, Ore.
vBaile C. A. & Co., Medford, Md.
vBailey J. Barnes, Forest Hill, Md.
vBailey J. E., East Hebron, Me.
vBaker C. O., Fincastle, Va.
vBaker C. W. & Sons, Aberdeen, Md.
vBaker G. Harold, Aberdeen, Md.
vBaker Henry & Co., Millsboro, Del.
vBaker J. A., East New Market, Md.
vbBaker W. S., Bridgeton, N. J.
vBaker & Walls, Sudlersville, Md.
fbBaldwin H. N., Chestertown, Md.
*fvbBaltimore Canning Co., 117 W. Cross, Baltimore, Md.
vBande Venter & Son Canning Co., Dundee, Mich.
vfBanner Canning Co. (Pork & Beans), Ogden, Utah
fBanner Fruit Co., Lankershim, Cal.
vBanner Packing Co., Lebanon, O.
fbBanning Canning Co., Banning, Cal.
*Barataria Canning Co., No Peters & Mozant, New Orleans, La.
*Barbey H. J., 220 Front, Portland, Ore.
vBarkley A. Canning Co. (Hominy), Carlyle, Ill.
fvBarley W. P., Buchanan, Va.
*Barnes F. C. Co., Worcester bldg., Portland, Ore.
fvbBarnett J. H., Westminster, S. C.
vBarr J. E. Pickling & Preserving Co. (Pickles), St. Cloud, Minn.
pBarrett Fruit Kitchen, Newark, N. J.
bfvBartow Consolidated Canning Co., Manzanola, Colo.
vBarwise N. C. Packing Co., Denver, Colo.
vBass, Smith Co., Litwalton, Va.
fvBatavia Canning Co., Batavia, N. Y.
vBates C. E. Co. (Chili Sauce), Blanchester, O.
vBates H. G. (Pork & Beans), Blanchester, O.

- *Battery Park Fish & Oyster Co., Smithfield, Va.
vBaugh, Batten & Baugh, Clarksville, O.
vBaugh C. L., New Vienna, O.
vBaxter Bros. Co., Brunswick, Me.
*vfBaxter H. C. & Co., Brunswick, Me.
*Bay City Packing Co., Apalachicola, Fla.
fvBay John W. & Co., Stockley, Del.
vBayless M. F., Aberdeen, Md.
bfvBay Side Canning Co., Alviso, Cal.
fvBeale M. E., Skowhegan, Me.
vBeamer E. R., Eagle Rock, Va.
vBear Creek Canning Co., Stoutland, Mo.
*mBeardsley's J. W. Sons, Newark, N. J.
vBeaver Canning Co., Randolph, Wis.
vBechers Robt. L., El Paso, Ill.
vmBeechnut Packing Co. (Peanut Butter), Canajoharie, N. Y.
*Beegle Packing Co., Ketchikan, Alaska
fvBel Air Packing Co., Bel Air, Md.
vBelgium Cannery, Belgium, Wis.
vBelle Plaine Canning Co., Belle Plaine, Ia.
Bellflower Canning Co., Bellflower, Cal.
*Bellingham Canning Co., Bellingham, Wash.
*Bennett G. W. & Bro., Inverness, Md.
vBennett I. S., Riverton, Md.
vBennett J. W., Auburn, Me.
vBennett & Carey Bros. Co., Frankford, Del.
vbBerea Canning Co., Berea, Ky.
pBerry-McCray Co. (Apple Butter), Huntington, W. Va.
fbBerryville Canning Co., Berryville, Ark.
*pBest-Clymer Mfg. Co., Virginia & Davis, St. Louis, Mo.
vBethany Canning Co., Bethany, Mo.
fvBeutel Pickling & Canning Co. (Pickles), Bay City, Mich.
fvBierly Jacob, Springwood, Va.
vBig Four Canning Co., Stanley, Wis.
vBiger Leonard, Kenton, Del.
vBillings Canning Co., Billings, Mo.
*vBiloxi Canning Co. (Peanut Butter), Biloxi, Miss.
vBiser G. W., Berkeley Springs, W. Va.
bpvBishop & Co. (Soups), 1449 E 7th, Los Angeles, Cal.
bvfBlack & Gay, Thomaston, Me.
vBlackiston Canning Co., Clayton, Del.
*Blanchard Mfg. & Canning Co., Eastport, Me.
vBloomington Canning Co. (Hominy), Bloomington, Ill.
*vBlue Diamond Canning Co., Portland, Me.
*vBlundon & Hinton, Reedville, Va.
vBodt W. A., Churchville, Md.
vBois D'Arc Canning Co., Bois D'Arc, Mo.
fvBoise Canning Co., Boise, Idaho
vBoitnott C. C. & Sons, Naffs, Va.
vfBolton F. D., Fincastle, Va.
vBolton H. L., Troutville, Va.
vBoone Dr. G. A., Troutville, Va.
vfbBoonville Canning Co., Boonville, N. C.
*Booth Fisheries Co., Astoria, Ore.
bfvBooth Packing Co., Wolfe & Lancaster, Baltimore, Md.
*Boothbay Packing Co., Boothbay Harbor, Me.
vBoothby & Tuckery, Portland, Me.
vBooze G. C., Springwood, Va.
*Boston Food Products Co. (Pork & Beans), 16 New, Boston, Mass.
fvbBounds G. A. & Co., Hebron, Md.
vBouvallet's P. A. Sons, Wichert, Ill.
fvBower F. C., Troutville, Va.
vBower Lee & Son, Troutville, Va.
vBower & Carper, Bedford, Va.
fvBowman I., Boone Mill, Va.
*fbvBoyer W. W. & Co., 2327 Boston, Baltimore, Md.
*bfpvBoyle J. & Co. (Hominy), Wolfe & Thames, Baltimore, Md.
vBozman C. W. & Son, Eden, Md.
vBradford W. S., Bel Air, Md.
vBradley Chas. S., Preston, Md.
vBraithwaite J. C., Cross Junction, Va.
vBrakeley A., Bordentown, N. J.
vBrakeley J., Freehold, N. J.
vBramble James A., Joppa, Md.
vBramble T. M. & Co., Cambridge, Md.
fvBrandsville Canning & Preserving Co. (Pickles), Brandsville, Mo.
vBreeding W. R., Federalsburg, Md.
*vBreslauer-Lachlotte & Co. (Pickles), Waverly Mills, S. C.
vBrewbaker J. C., Buchanan, Va.
fvbBridalveil Canning Co., Ronda, N. C.
Bridgeton Condensed Milk Co., Bridgeton, N. J.
vbBrigham City Canning Co., Brigham, Utah
vBrisentine Bros., Prospect, Va.
*Brooks Packing Co., Tillamook, Ore.
vBrooks Tomato Products Co., Collinsville, Ill.
*Brooks William J., Beaufort, S. C.
*Brown E. W. Co., South Portland, Me.
fBrown Fig Co., Beaumont, Tex.
*Brown-Willard Co., Portland, Me.
fvBrubaker S. H. & Co., Boone Mill, Va.
fvBrugh R., Nace, Va.
fvBrunduck W. R. & Bros., Drayden, Md.
vBuckeye Canning Co., Continental, O.
vBuckeystown Packing Co., Buckeystown, Md.
fvBuhrman J. B. & Son, Lick Run, Va.
vBulls Gap Canning Co., Bulls Gap, Tenn.
vBunker Hill Canning Co., Bunker Hill, Ind.
*vBurgin Packing Co., Cincinnati, O.
vBurkettville Canning Co., Burkettville, O.
vBurkholder I. C. & Son, Buchanan, Va.
vBurkley Geo. F., Belcamp, Md.
vBurlington Vinegar & Pickle Wks. (Pickles & Olives), Burlington, Ia.
fBurnett Canning Co., Burnett, Ind.
*Burnham E. S. Co., 61 Gansevoort, New York
*bmBurnham & Morrill Co., Portland, Me.
vBurton T. & Son, Millsboro, Del.
vButt Jos A., 111 N B'way, Baltimore, Md.
vButter County Refining Co., Monroe, O.
vButterfield Canning Co., Muncie, Ind.
vByrne J. H., Lowry, Va.
fvCalifornia Canneries Co., 600 Minnesota, San Francisco, Cal.
fpvCalifornia Fruit Cannery Assn, 120 Market, San Francisco, Cal.
vCalifornia Ripe Olive Co., 268 Market, San Francisco, Cal.
vCalima Canning Co., Van Nuys bldg, Los Angeles, Cal.
vCambria Canning Co., Cambria, Wis.
vCambridge Packing Co., Cambridge, Ia.
vCamden Canning Co., Camden, O.
vCamden Packing Co., Camden, N. Y.
vCampbell J. Co. (Soups, Pork & Beans), Camden, N. J.
vCampbellsville Canning Co., Campbellsville, Ky.
vCanandaigua Kraut Co., Canandaigua, N. Y.
vCanastota Canning Co., Canastota, N. Y.
vCannon Falls Canning Co., Cannon Falls, Minn.
bfvCannon H. P. & Son, Bridgeville, Del.
vCanton Canning Co. (Olives), Canton, O.
*pvCape Code Specialty Co., North Truro, Mass.
*Carlisle Packing Co., Seattle, Wash.
*fvCarll Bros., Waterboro, Me.
vCarll E. C., Augusta, Me.
vCarnation Milk Products Co., Seattle, Wash.
fCarpenter J. C. Fig Co., Houston, Tex.
vCarpp S. M., Hartford, Mich.
vCarr M. M., Aberdeen, Md.
vCarroll Bros., Havre De Grace, Md.
vCarroll & Warner, McDaniel, Md.
vCarter B. L., Stone Mountain, Va.
fvCase Canning Co., Marshfield, Mo.
vCayuga Packing & Mfg. Co., Cayuga, Ind.
vCazenovia Canning Co., Cazenovia, N. Y.
vCedarburg Canning Co., Cedarburg, Wis.
vCedar Falls Canning Co., Cedar Falls, Ia.
fvCedar Glenn Canning Co., Bedford, Va.
vCedar Rapids Canning Co., Cedar Rapids, Ia.
vCenter Point Canning Co., Center Point, Ia.
fvbCentral California Canneries, 1 Drumm, San Francisco, Cal.
vfCentral Lake Canning Co., Central Lake, Mich.
vCentral States Canning Co., Indianapolis, Ind.
vCereal Food Co. (Hominy), Peoria, Ill.
bvChampion Thomas E., Normal, Ill.
vChance's R. C. Sons (Pickles), 122 Pine, Phila., Pa.
vChandlee Ira W., Slab, Pa.
vChandler & Ballard Co., Exmore, Va.
vfCharleston Canning Co., Charleston, Tenn.
vChase H. L., Melfa, Va.
vChatfield Canning Co., Chatfield, Minn.
fvChatham R. J., Eden, Md.
fCherokee Canning Co., Menlo, Ga.
vCherry Creek Canning Co., Cherry, N. Y.
*vChesapeake Packing Co., Sherwood, Md.
vCheswald Canning Co., Aberdeen, Md.
vChilton Canning Co., Chilton, Wis.
*Chinook Packing Co., Chinook, Wash.
vChippewa Falls Canning Co., Chippewa Falls, Wis.
vChoptank Canning Co., Choptank, Md.
vChrisney Canning Co., Chrisney, Ind.
vCifax Packing Co., Cifax, Va.
vCitizens' Canning Co., Spiceland, Ind.
*Clark-Graham Co., Tacoma, Wash.
*Clark L. D. & Son, Eastport, Me.
vClark W. L. & Co., Vale, Md.
fvbClark W. N. Co., Rochester, N. Y.
fvbClaybrook-Neale Packing Co., Bowlers Wharf, Va.
vClayton Canning Co., Clayton, Del.
vClayton J. M. & Co., Hoopersville, Md.
vCleveland Canning Co., Cleveland, Wis.
vCleveland Pure Food Co., 3520 Princeton av, Chicago, Ill.
fvCliff G. W., Marshfield, Mo.
vfClinton Canning Co., Rome, N. Y.
vClyde Kraut Co., Clyde, O.
*Coast Fish Co., Anacortes, Wash.
*Coast Fishing Co., Los Angeles, Cal.
vfbCobb Preserving Co., Fairport, N. Y.
vCodorus Canning Co., Codorus, Pa.
vCohasset Canning Co., Cohasset, Va.
vbCohocton Canning Co., Cohocton, N. Y.
vCokato Canning Co., Cokato, Minn.
vCollins John & Co., American Corners, Md.
vColora Canning Co., Aberdeen, Md.
vColorado Condensed Milk Co., Fort Lupton, Colo.
vColt Dickson Packing Co., Frederick, Md.
vColter A. W. Canning Co., Mount Washington, O.
vColumbia Canning Co., Columbia, Tenn.
vColumbia Conserve Co. (Soups, Apple Butter, Mince Meat & Chili Sauce), Churchman pk. & Belt Ry, Indianapolis, Ind.
fbvColumbia River Canning & Produce Co., St. Helens, Ore.
*Columbia River Packers' Ass'n, Astoria, Ore.
*Columbian Canning Co., Lubec, Me.
vColumbus Canning Co., Columbus, Wis.
Continental Condensed Milk Co., Mill Hall, Pa.
fvCooke-Shanawolf Co. (Hominy), 3909 Bank, Baltimore, Md.
vCool Spring Canning Co., Cool Spring, Del.
vCooper John S., Columbia, Del.
fvbCo-Operative Canning & Storage Co. (Pickles & Hominy), Leslie, Ark.
vCoulbourne & Parsons, Marion Station, Md.
vCoulk & McCready, 107 S Frederick, Baltimore, Md.
*vfbCourtney W. J. Co., Mundy Point, Va.
vCover Canning Co., Easton, Md.
vCovey & Dawson, Barber, Md.
vCraft Bros., Springwood, Va.
vCraig W. & Son Canning Co., Roy, Utah
fCramer W. F., Gasport, N. Y.
vCrampton I. E. & Son Canning Co., Celina, O.
vCrary C. S. Co., Streator, Ill.
vCraver J. C. & Co., Marumasco, Md.
Cremo Milk Co., Valley Ford, Cal.
vfbCreswell Fruit & Vegetable Growers' Ass'n, Creswell, Ore.
vCronise Bros., Nace, Va.
vCrossroads Canning Co., Berkeley Springs, W. Va.
vCrothersville Canning Co. (Hominy), Seymour, Ind.
fvCrowder B. L., Fincastle, Va.
fvCruikshank Bros. Co. (Olives & Pickles), Island & Preble avs, Pittsburgh, Pa.
fvCrystal Spring Canning Co., Dixon, Mo.
mvCudahy Packing Co., 111 W Monroe, Chicago, Ill.
vCummins Canning Co., Columbus, O.
fvCurrie Canning Co., Grand Junction, Colo.
vfmphCurtice Bros. Co. (Soups & Plum Pudding), Rochester, N. Y.
Curtis Olive Co., 130 S B'way, Los Angeles, Cal.
vfDaggett E. P. Canning Co., Coopersville, Mich.
mfvDailey-Udell Co., Brockport, N. Y.
Dalby H. L. (Olives), San Bernardino, Cal.
vDaleville Canning Co., Daleville, Ind.
vDalrymple H. L., Marshfield, Mo.
*vDameron W. A. & Bro., Weems, Va.
vfbDana Canned Goods Co., Belpre, O.
vDaniel Packing Co., Amburg, Va.
vDanville Canning Co., Danville, Ind.
vDarlingtons' M. Sons (Milk), Pomeroy, Pa.
fvDarting & McGavren, Glenwood, Ia.
vbdashiell C. M., Princess Anne, Md.
fvDavies Edgar W., Leesburg, N. J.
vfbDavies K. M. Co., Williamson, N. Y.
vfdavis O. L., Park Rapids, Minn.
vDavis & Lippincott, Woodstown, N. J.
vfdawson B. E., Berkeley Springs, W. Va.
vDay T. L. Swing & Co., Ridgley, Md.
vfdearborn Canning Co., Dearborn, Mo.

- vDeal Island Packing Co., Deal Island, Md.
- v*Deavitt-Clark Packing Co. (Peanut Butter), Biloxi, Miss.
- vDebo Canning Co., Moneta, Va.
- vDebo & McLain Canning Co., Goodview, Va.
- vDe Graff Canning Co., De Graff, O.
- fvDelsher J. S., Fincastle, Va.
- Delgado J. Mfg. Co. (Chili Sauce), Dallas, Tex.
- vDe Long G. T., Lithia, Va.
- fvDemeritt Co., Waterbury, Vt.
- Denmark Condensed Milk Co., Denmark, Wis.
- fvDenmire L. E., Montrose, Ia.
- vDennis J. T., Preston, Md.
- vDerickson W. L., Bel Air, Md.
- Detroit Creamery Co. (Milk), Cass & Grand riv, Detroit, Mich.
- fvDevilbliss G. W., Stewartstown, Pa.
- vDexter Canning Co., Dexter, Ia.
- fvbDiamond J. E. Co., Cedarville, N. J.
- pDickinson Co., Oswego, Ore.
- vDickinson & Co., Eureka, Ill.
- fvDi Fiore D. Canning Co., San Jose, Cal.
- fvDingley E. S. Co., West Farmington, Me.
- *bDirigo Packing Co., Machias, Me.
- vDodds Canning Co., Dodds, O.
- fvDodgen Canning Co., Gentry, Ark.
- vDolby S. W., Jr., Whitehaven, Md.
- vDolby W. H., Whitehaven, Md.
- vDover Packing Co., Dover, Ky.
- vDow Bros. & Horne Co., East Dover, Me.
- vDowling Jos., Bel Air, Md.
- vDownham John & Son, Wyoming, Del.
- vDoyle John T. Co., New Haven, Conn.
- vDraper Canneries Co., Salt Lake City, Utah
- vDraper Canning Co., Milton, Del.
- vDraper G. H., Milford, Del.
- bfvDraper & Hirsch, Milford, Del.
- vDraper & Slaughter, Denton, Md.
- vDrenthe-Hamilton Canning Co., Hamilton, Mich.
- fvDuffy L. B., Haymakertown, Va.
- fvDugwell Packing Co., Rocky Mount, Va.
- fvbDulany J. H., Fruitland, Md.
- *fDunbar-Dukate Co., New Orleans, La.
- fvDundee Canning & Preserving Co., Dundee, Mich.
- vDurant Bros., Clarksdale, Mo.
- vDurham & Jacobs, Bel Air, Md.
- fvDustan F. W., Clarkston, Wash.
- vDutch Canning & Pickling Co., Cedar Grove, Wis.
- mvDyer Packing Co. (Pork & Beans), Vincennes, Ind.
- vDysart Canning Co., Dysart, Ia.
- fEagle Lake Fruit & Canning Co., Eagle Lake, Tex.
- fvEagle Valley Cannery Co., New Bridge, Ore.
- vEarly W. C., Munford, Va.
- fvEast Pembroke Canning Co., East Pembroke, N. Y.
- bfvEast Side Canning Co., 220 N av 19, Los Angeles, Cal.
- fvEastman Co., Fryeburg, Me.
- vEastman J. N. & Co., Casco, Me.
- vEaston Canning Co., Easton, O.
- vEaston Packing Co., Easton, Md.
- fvEavey Packing Co., Xenia, O.
- vEdgar Canning Co. (Pickles), Edgar, Nebr.
- fvbEdgett-Burnham Co. (Pork & Beans), Newark, N. Y.
- fvbEgypt Canning Co., Fairport, N. Y.
- fvEhmann Olive Co., Oroville, Cal.
- vElba Products Co., Batavia, N. Y.
- vEldorado Packing Co., Oak Grove, Del.
- vElgin Canning Co., Elgin, Ia.
- vElgin Packing Co., Elgin, Ill.
- fvbElkin Canning Co., Elkin, N. C.
- vElliott D. J., Salisbury, Md.
- vbEllis Canning Co., Brant, N. Y.
- fvEllsworth & Filley (Pickles), Windsor, Conn.
- *Elmore Packing Co., Astoria, Ore.
- vElnora Packing Co., Elnora, Ind.
- vElsey Canning Co., Elsey, Mo.
- vElsner G. W., Aberdeen, Md.
- fvbElyria Canning Co. (Hominy), Elyria, O.
- Emmart Packing Co. (Hominy), 5425 S State, Chicago, Ill.
- vEmpire State Canning Co., Rome, N. Y.
- vEmpire State Pickling Co. (Pickles), Phelps, N. Y.
- vEmpson Packing Co. (Hominy), Longmont, Colo.
- vEnglish Canning & Mfg. Co., English, Ind.
- vEphraim Sanitary Canning Co., Ephraim, Utah
- vEsmeraldo Canning Co., Circleville, O.
- bfvEssex Packing Co., Tappahannock, Va.
- vEubank Canning Co., Eubank, Ky.
- *Eubank Tankard Co., Kilmarnock, Va.
- pvEugene Fruit Growers' Ass'n (Pickles), Eugene, Ore.
- vEureka Canning Co., Bishopville, Md.
- fEvans A. J. Canning Co., Fort Valley, Ga.
- vEvans G. W., Aberdeen, Md.
- vEvansville Canning Co., Evansville, Wis.
- vEveland G. H., Miami, O.
- *Everett Packing Co., Everett, Wash.
- vFairdale Canning Co., Bridgeton, N. J.
- vFairmount Packing Co., Fairmount, Md.
- vFair Play Canning Co., Fair Play, Mo.
- Fairoaks Fruit Co. (Olives), Fairoaks, Cal.
- vbFairton Canning Co., Fairton, N. J.
- fvFairview Cannery, Lockport, N. Y.
- vFairwater Canning Co., Markesan, Wis.
- bfvFallas Edwin, Lowell, Mich.
- vFall Creek Canneries Pendleton, Ind.
- vbFallin T. H., Coan, Va.
- vFall River Canning Co., Fall River, Wis.
- vFaribault Canning Co., Faribault, Minn.
- vFarmers' Canning Co., Dunreith, Ind.
- vFarmers' Canning Co., Mt. Carmel, Ill.
- vFarmers' Canning Co., Red Lion, Pa.
- *vFarnsworth Packing Co., Brooklyn, Me.
- vFayette Canning Co., Fayette, O.
- vFayette Canning Co., Washington C. H. O.
- fvbFayetteville Canning Co., Fayetteville, Ark.
- Federal Packing Co. (Condensed Milk), Enosburg Falls, Vt.
- vFeesser A. W. & Co., Silver Run, Md.
- bvFelton Packing Co., Felton, Del.
- *fvFenderson W. N., Chebeague Island, Me.
- vFerguson Henry Packing Co., Elwood, Ind.
- vFernald, Keene & True Co., West Poland, Me.
- vpFerndale Canning Co., Ferndale, Wash.
- vFerrell M. F. & Son, Haymakertown, Va.
- *Fidalgo Island Packing Co., Anacortes, Wash.
- vFilice & Perrelli Canning Co., Gilroy, Cal.
- vFinley Canning & Mfg. Co., Ozark, Mo.
- vFinney Wm. W., Bel Air, Md.
- vFirebaugh D. W., Fincastle, Va.
- vFirebaugh W. H., Troutville, Va.
- vFirestone E. C., Daleville, Va.
- fvFisher J. L., Boone Mill, Va.
- vFishers Canning Co., Fishers, Ind.
- vFizer W. E., Bedford, Va.
- bpvfFlaccus E. C. Co. (Olives), Wheeling, W. Va.
- bfvFleming & Co., S. W. Cor. Cross & Race, Baltimore, Md.
- vFleshman H. P., Troutville, Va.
- fvFlickinger J. H. Co., San Jose, Cal.
- fvFlint Hollow Canning Co., Seymour, Mo.
- vFlippor H. O., Buchanan, Va.
- fvfFlora G. B. & Sons, Wirtz, Va.
- vFlottemesch H., Magnolia, Md.
- vFluke P. M., Blue Ridge Springs, Va.
- fvFlushing Canning Co., Flushing, Mich.
- vFoard S. B., Rocks, Md.
- mFoell Supply Co., 331 W 22nd pl, Chicago, Ill.
- vFogg & Hires Co., Salem, N. J.
- vFoidel S., Knoxville, Ia.
- b*fvFooté D. E. A. Co., 2039 Aliceanna, Baltimore, Md.
- *Ford A. P. & Co., Crisfield, Md
- fvFord Bros., Syracuse, N. Y.
- vFord W. B., Van Bibber, Md.
- vFordland Canning & Packing Co., Fordland, Mo.
- vForest City Canning Co., Forest City, Ia.
- fvForest City Canning Co., Forest City, Mo.
- pvForest Grove Fruit Growers' Ass'n, Forest Grove, Ore.
- *fvForhan H. L., Portland, Me.
- vFort Atkinson Canning Co., Fort Atkinson, Wis.
- fvbFort Bragg Growers' Assn., Fort Bragg, Cal.
- vFortner S. A., Smyrna, Del.
- Fort Scott Sorghum Syrup Co. (Honey, Molasses & Syrup), Fort Scott, Kans.
- fvfbFort Stanwix Canning Co., Rome, N. Y.
- vFortville Canning Co., Fortville, Ind.
- f*Foster, Fountain & Co., Biloxi, Miss.
- vFoutz C. J. & J. C., Roanoke, Va.
- fvFowler Canning & Mfg. Co., Fowler, Colo.
- vFox Lake Canning Co., Fox Lake, Wis.
- vFralin J. L., Blue Ridge Springs, Va.
- mFranco-American Food Co. (Soups & Plum Pudding), Franklin, Jersey City, N. J.
- vFrank Pure Foods Co., 644 Market, Milwaukee, Wis.
- vFranklin & Readhead, Thaxton, Va.
- vFranklinville Canning Co., Franklinville, N. Y.
- vFranks Canning Co., Franks, Mo.
- vFrankton Canning Co., Frankton, Ind.
- vFrazier Packing Co., Elwood, Ind.
- vFrederick City Packing Co., Frederick, Md.
- vFredonia Canning Co., Fredonia, Wis.
- fvbFredonia Preserving Co., Fredonia, N. Y.
- Frei Pickle Works, E 8th, Portland, Ore.
- fvbFremont Canning Co., Fremont, Mich.
- vFremont Kraut Co., Fremont, O.
- vFrench James F., Brookston, Ind.
- *Frenchmens Bay Packing Co., South Goudsboro, Me.
- fvFriday Bros. Canning Co., Coloma, Mich.
- *Friday Harbor Packing Co., Friday Harbor, Wash.
- fvFringer C. F., Lithia, Va.
- fvFruit Belt Preserving Co., East William-son, N. Y.
- fvbFruit Farm Preserving Co., Cedarville, N. J.
- vFryer W. T., Coloma, Md.
- fvFuller Canneries Co., Rockefeller bldg, Cleveland, O.
- vFuller E. H., Stanton, Ky.
- fvbGarden City Canning Co., Provo, Utah.
- vGarey & Co., Denton, Md.
- *fvbGarner Bros., Lewisetta, Va.
- Garner-Blakely Co. (Syrups), Cairo, Ga.
- fvbGarrahan Canning Co., Luzerne, Pa.
- fvGarst J. B., Roanoke, Va.
- vGaston Canning Co., Gaston, Ind.
- Gebhardt Chili Powder Co., San Antonio, Tex.
- vGedney M. A. Co. (Pickles), 32d av N & Riv, Minneapolis, Minn.
- pGeneseo Canning Co. (Pickles), Geneseo, N. Y.
- vGeneva Canning Co., Geneva, O.
- fvbGeneva Preserving Co., Geneva, N. Y.
- fvGentz A. G., Lineboro, Md.
- *George J. R. & Bro., Irvington, Va.
- *George & Barker Salmon Packing Co., Point Roberts, Wash.
- Georgia Cane Products Co., Columbus, Ga.
- vGhent Canning Co., Ghent, Ky.
- fv*Gibbs Preserving Co. (Olives & Hominy), 2301 Boston, Baltimore, Md.
- mvGibson Canning Co., Gibson City, Ill.
- Gifford C. M. & Son (Olives), San Diego, Cal.
- vGilman Canning Co., Gilman, Ia.
- vGillaspie J. W., Bedford, Va.
- vGillett Chas. A., Auburn Junction, Ind.
- vGillett Canning Co., Gillett, Wis.
- vGillies & Dashiell, Quantico, Md.
- fvGirard Canning Co., North Girard, Pa.
- vGirdletree Packing Co., Girdletree, Md.
- vGivens G. O., Buchanan, Va.
- fvGladys Canning Co., Gladys, Va.
- vGlaser Crandell Co. (Olives & Pickles), 2006 S Western av, Chicago, Ill.
- vGlasgow Canning Co., Glasgow, Mo.
- vGlenn Canning Co., Prospect, Va.
- *Globe Canning Co., Eastport, Me.
- vGlove Creek Canning Co., Montvale, Va.
- Glynn Canning Co. (Mince Meat), Brunswick, Ga.
- bfvGodfrey C. H. & Son (Pickles), Benton Harbor, Mich.
- vmGoetjen & Workman, 906 Webster, San Francisco, Cal.
- fGolden Gate Packing Co., San Jose, Cal.
- vGolden State Asparagus Co., 16 California, San Francisco, Cal.
- fvGolden State Canning Co., Ontario, Cal.
- Goodard Pickle & Preserve Co., Ogden, Utah
- fvbGoode Canning Co., Henry, Va.
- vGoode R. L. & Sons, Buchanan, Va.
- pGoodwin Preserving Co. (Mince Meat & Apple Butter), Louisville, Ky.
- vGoodwin R. M., Olaf, Va.
- vGorrell G. D., Bel Air, Md.
- Goshen Milk Condensing Co., Goshen, Ind.
- vGosweller S. O., Bel Air, Md.
- vGosweller W. L., Aberdeen, Md.
- vGrafton R. E., Forest Hill, Md.
- vGrand River Canning Co., Markesan, Wis.
- pvfGrant Canning Co., Grant, Mich.
- vGray E. W. & Son, Daysboro, Del.
- vGreat Western Canning Co. (Hominy), Delphi, Ind.
- fvbGrebb L., Key Highway & Lawrence, Baltimore, Md.
- bfvGrecht W. Co., 1330 S. Sharp, Baltimore, Md.
- vGreco Canning Co. (Olives), San Jose, Cal.
- vGreen Bay Canning Co., Green Bay, Wis.
- vGreen Bros., Ball Ground, Ga.
- fvGreen C. H. Canning Co. (Hominy), Denver, Colo.
- fvGreen Forest Canning Co., Green Forest, Ark.

- fvGreen Mountain Packing Co., Portland, Me.
vGreen & Reading, Eden, Md.
vGreenbaum Bros., Seaford, Del.
fvGreentown Canning, Ice & Mfg. Co., Greentown, Ind.
fvGregory Fruit Co., Colton, Cal.
vbGresham Fruit Growers' Ass'n, Gresham, Ore.
vGriffith W. F. & Bro., Emmerton, Va.
fvbGriffin & Skelley Co., 16 California, San Francisco, Cal.
vGrimes Canning & Preserving Co. (Hominy), Grimes, Ia.
vGrinels M. P., Bushy, Va.
vGrinnell Canning Co., Grinnell, Ia.
vGrogan Chas. (Olives), 1744 Albion, Los Angeles, Cal.
vGrowers' Canning Co., Council Bluffs, Ia.
*Gulf Packing Co., Biloxi, Miss.
vGunther F. W. Co., Racine, Wis.
vGuttenberg Canning Co., Guttenberg, Ia.
*Gwynn Island Fish & Oyster Co., Grimstead, Va.
vfGypsum Canning Co., Port Clinton, O.
*Haaker W. Co., 99 N Moore, New York
vHackett L. K. & Co., Finchville, Md.
vbHagelskamp Bros. & Haverskamp, Indianapolis, Ind.
fHaiku Fruit & Packing Co., Haiku, Hawaii
*Halfhill Tuna Packing Co., 215 W 6th, Los Angeles, Cal.
vHall & Whittington, Marion Station, Md.
vHalltown Canning Co., Halltown, Mo.
vHamburg Canning Co., Hamburg, N. Y.
vHamersville Canning Co., Hamersville, O.
vHampton-Kelley Canning Co., Hampton, Ia.
vbHancock Flora L., Salem, N. J.
vHannabass R. L., Goodview, Va.
vHanson & Lantz, Edgewood, Md.
vHarbauer Co. (Pickles & Catsup), Toledo, O.
vHardaway-Cargill Co. (Syrups), Columbus, Ga.
vHardcastle Mrs. K. N. Co. (Plum Pudding & Pickles), Denton, Md.
fvHarrington B. E., Taylors Island, Md.
vHarrington Canning Co., Harrington, Del.
vHarris J. P., Preston, Md.
*Harris P. E. & Co., Seattle, Wash.
vHarrison D. L., Woodwardsville, Md.
vHarshfield Fred., Shepherdsville, Ky.
vHartford Canning Co., Hartford, Wis.
bvHartlove Packing Co. (Hominy), 14 N Schroeder, Baltimore, Md.
vHarum David Canning Co., Homer, N. Y.
vHarward C. F., Halls, Tenn.
fvbHaserot Francis H. Co., Huron rd, S E, Cleveland, O.
vHastings Canning Co. (Hominy), Hastings, Nebr.
bfvHastings Packing Co., Laurel, Del.
vHaviland L. P., Camden, N. Y.
vHawaii Preserving Co., Ltd., Honolulu, Hawaii
vHawaiian Islands Packing Co., Ltd., Wahiawa, Hawaii
fHawaiian Pineapple Co., Honolulu, Hawaii
vHawkeye Condensed Milk Co., Brighton, Ia.
vHawksbill Cannery, Luray, Va.
vHaxel Hill Canning Co., Fredericksburg, Va.
vfHayes F. H., Dexter, Me.
vHayner J. M. & Co., South Lebanon, O.
vHeck A. B., Buchanan, Va.
Heinz H. J. Co. (Pickles & Catsup), 1062 Main N S, Pittsburgh, Pa.
vHelvetia Milk Condensing Co., Highland, Ill.
fvbHemet Canning Co., Hemet, Cal.
fvbHemingway H. C. & Co., Syracuse, N. Y.
vHenderson Canning Co., Aberdeen, Md.
fvHenning Wm. Co. (Pickles), 1239 Wabansia av, Chicago, Ill.
vHenry Bros., Poage's Mill, Va.
vHerfort F. Canning Co., Baraboo, Wis.
*fHerman M. S. & Bros., Savannah, Ga.
fvHershey P. H., Spring Grove, Pa.
vHeuer William W., Bel Air, Md.
Heyl Bros. Co. (Molasses & Syrups), 101 S. Front, Phila., Pa.
vHickman Robt. E., Wesley, Md.
vHickmott R. Canning Co., 320 California, San Francisco, Cal.
vHighland Cherry Farm Co., Clyde, O.
vHighland Milk Condensing Co., Elkland, Pa.
fvbHighland Orchards Co., Highland, N. Y.
fvHighrock Canning Co., Highrock, Pa.
vHignutt O. M., Denton, Md.
vHild Canning Co., Pierre, S. D.
fvHill Crest Canning Co., Afton, Va.
vHillsboro Condensed Milk Co., Hillsboro, Wis.
*Hillside Canning Co., Port Townsend, Wash.
pHilltop Pure Food Co. Ltd. (Honey), Pittsburgh, Pa.
vHilton J. C., Nace, Va.
vHilton J. D., Fincastle, Va.
vHiram Co-operative Canning Ass'n, Hiram, Me.
vHires Condensed Milk Co., 913 Arch, Phila., Pa.
vHirsch Bros. Co. (Pickles, Olives & Catsup), 105 Ferry, Pittsburgh, Pa.
vHirsch Bros. & Co. (Pickles), Louisville, Ky.
fvHirsch D. & Bro., Milford, Del.
fvHitchcock L., Eagle Harbor, N. Y.
vfHobbs Mfg. Co., Denton, Md.
vHockman F., Shenandoah, Va.
*Hoegg D. W. Co., Portland, Me.
vHoecker Bros. & Hall Co., Smyrna, Del.
vHoecker J. H. Canning Co., Smyrna, Del.
vHoffman Edward, Denton, Md.
vfHoffman J. T. & Son, Fincastle, Va.
vHohenadel P. Jr. Canning Co. (Pickles), Rochelle, Ill.
vHohenadel P. Jr. Co., Janesville, Wis.
vHohenadel P. Jr. Packing Co., Rockford, Ill.
vHohenadel P. Jr. & Co., Byron, Ill.
fpvHolland-American Fruit Products Co., Decatur, Ark.
bfvHolland Canning Co., Holland, Mich.
vHolly Condensed Milk Co., Amity, Ore.
vHolmen Canning Co., Holmen, Wis.
*Holmes Co., Robinson, Me.
*Holmes E. A. Packing Co., Eastport, Me.
*Holmes M. C. Canning Co., Eastport, Me.
vHolsinger Paul & Son, Downs, Md.
vHome Canning Co., Kempton, Ind.
fvHome Canning Co., Blissfield, Mich.
fvHoney Creek Canning Co., Aurora, Mo.
vHood Canning Wks., Portland, Ind.
fHooke Geo. H. Co., 203 California, San Francisco, Cal.
vHooley I. A., Topeka, Ind.
*Hoonah Packing Co., Port Townsend, Wash.
vHooper Canning Co., Ogden, Utah
vHoopeston Canning Co., Hoopeston, Ill.
vHooper Canning Co., Hope, Ind.
vHopewell Valley Canning Co., Hopewell, N. J.
vHopkins Jonathan L., Vernon, Del.
*Hoquiam Packing Co., Hoquiam, Wash.
fvHoughland Bros. Canning Co. (Hominy), Underwood, Ind.
fHouser W. L. Canning Co., Fort Valley, Ga.
vHousman C. S., Troutville, Pa.
mHouston Packing Co., Houston, Tex.
vHubbard F. F., Canastota, N. Y.
vHubbard James Co., Ottoman, Va.
vHubbard O. W., East New Market, Md.
vHubbard W. J., Teagues, Mo.
vHuddleton Canning Co., Thaxton, Va.
fvHudson C. F. & Son, Rocky Mount, Va.
fvbHudson & Co., Holley, N. Y.
pHuffman W. D. Co. (Pickles & Olives), W St. Clair & Big Four, Indianapolis, Ind.
vHufford & Harding, South Lebanon, O.
vHumbert C. S., Troutville, Va.
pvHumbert & Andrews, 646 Dean, Brooklyn, N. Y.
*fvHume G. W., 112 Market, San Francisco, Cal.
fvHunt Bros. Co., 112 Market, San Francisco, Cal.
*Hunt Packing Co., Beaufort, S. C.
fvbHurley J. W., Urbanna, Va.
vHurlock C. S., Massey, Md.
vHuron Canning Co., Port Austin, Mich.
vHurt R. D., Salem, Va.
vHustisford Canning Co., Hustisford, Wis.
vHyacinth Packing Co., Hyacinth, Va.
fHyde Geo. E. & Co., Campbell, Cal.
fHymera Canning Co., Hymera, Ind.
vfIberia Canning Co., Iberia, Mo.
vIda Canning Co., Ida, Mich.
fIdaho Canning Co., Fayette, Idaho
fvIkenberry Bros., Daleville, Va.
fvIkenbury H. C. & Co., Cloverdale, Va.
vIllinois Canning Co., Hoopeston, Ill.
vIllinois Condensed Milk Co., White Hall, Ill.
vImperial Canning Co., Parkersburg, W. Va.
vIndependence Canning Corp., Independence, Ia.
vInderieden Canning Co., 336 River, Chicago, Ill.
fvIndiana Canning Co., Evansville, Ind.
vIndiana Condensed Milk Co., Sheridan, Ind.
fvIngersoll J. H. & Co., Exeter, N. H.
vInsley G. C., Lakesville, Md.
vInsley & Mitchell, Salisbury, Md.
vIowa Canning Co., Vinton, Ia.
vIowa City Canning Co., Iowa City, Ia.
vIowa Valley Canning Co., Marengo, Ia.
vIron Ridge Canning Co., Iron Ridge, Wis.
vIroquois Canning Co., Onarga, Ill.
*Irving Canning Co., La Conner, Wash.
*Irvington Packing Co., Irvington, Va.
pvJackson C. W. & Sons (Peanut Butter), E 10th & Belt, Indianapolis, Ind.
vJackson J. A., Goldsboro, Md.
fvJames J. T., Roanoke, Va.
vJamestown Canning Co., Jamestown, Ind.
vbJarboe E. R. Canning Co., Mechanicsville, Md.
vJarrell R. & Son, Marydel, Md.
vJarrell R. & Sons, Goldsboro, Md.
vJeffersonville Canning Co. (Hominy), Jeffersonville, Ind.
Jelke John F. Co. (Milk), 759 S Washtenaw av, Chicago, Ill.
vJersey Albert, Belcamp, Md.
fvJewett G. S. & F. E., Norridgewock, Me.
vJohannes H. J. Pickling Co., Clintonville, Wis.
vJohnson Grafton, Greenwood, Ind.
vJohnson & Dryden, Pocomoke City, Md.
vJones E. T., Pittsville, Md.
*Joullian E. C. Packing Co., Lake Shore, Miss.
vJourdan C. R. & Son, Darlington, Md.
vJump G. L., Queen Anne, Md.
fvJustis & Butler Canning Co., South Richmond, Va.
fvKale Canning Co., Everson, Wash.
*fbKane H. S., Brooklyn, Me.
vKarnes Bros., Buchanan, Va.
vKaul Fruit & Land Co., Lawai, Hawaii
vKauffmann F. A. Mfg. Co., 106 S 2d, St. Louis, Mo.
vfKaysville Canning Corp., Kaysville, Utah
vKeene-Belvidere Canning Co. (Pickles), Belvidere, Ill.
vKeene Canning Co., Freeport, Ill.
fvKeene R. A. & Son, Poland, Me.
vKelley Canning Co., Waverly, Ia.
fvKelty S. L., Quinton, N. J.
*Kendall & Little, Copalis, Wash.
*Kenedy-Lopez Oyster & Fish Co., Biloxi, Miss.
vKennard Canning Co., Kennard, Ind.
vKennedy & Pegelow, Williamsburg, Md.
mKenneil Food Supply Co., Fairfield, Conn.
vKenyon Canning Co., Kenyon, Minn.
vKeokuk Canning Co. (Pickles), Keokuk, Ia.
vKessler P. W. & Co., Roanoke, Va.
vfKessler F. M. & Son, Buchanan, Va.
vKessler P. & Son, Butler, Md.
vKetterman Packing Co. (Hominy & Pickles), Urbana, Ia.
*Key City Packing Co., Seattle, Wash.
vKeyser Canning Co., Keyser, W. Va.
vKimble G. A. & Bro., Abington, Md.
fvKing W. P. & Son, Peach Bottom, Pa.
mKingan & Co. Ltd., W Maryland & Blackford, Indianapolis, Ind.
fKings County Packing Co., Armona, Cal.
fvKinzie T. D., Troutville, Va.
vKirby Canning Co., Trappe, Md.
vKirby & Gallup, Oxford, Md.
vKirwan J. E. Co., Atlantic Wharf, Baltimore, Md.
vKlaus Canning & Packing Co., Columbus, Nebr.
vKlindt, Geiger Canning Co., Cassville, Wis.
vKnight Packing Co. (Pickles & Olives), 474 E. Alder, Portland, Ore.
vKnightstown Conserve Co., Knightstown, Ind.
vKnobview Canning Co., Knobview, Mo.
vKnotts R. W., Great Mills, Md.
vfKnowles-Lombard Co., Guilford, Conn.
vfKopf Bros. Co., New Haven, Conn.
vKrier Preserving Co., Belgium, Wis.
fvbKriete J. E., Dunsville, Va.
vKroh C. Irving, Silver Run, Md.
Kubias J. C. (Olives), Redlands, Cal.
vKunder Pickle Co. (Pickles & Olives), Denver, Colo.
vKurtz A. E., Forest Hill, Md.
*Kurtz W. W., Moclips, Wash.
vKusske H. P., Mayer, Minn.
*Kyle W. & Sons Co., Florence, Ore.
vLackland L. C. & Sons, Lithia, Va.
vLa Crescent Canning Co., La Crescent, Minn.
vLadoga Canning Co., Ladoga, Ind.
vLake County Canning Co., Ukiah, Cal.
fvLake Lily Canning Co., Mountain Grove, Mo.
vLake Mills Canning Co., Lake Mills, Ia.
vLake Odessa Milk Co., Lake Odessa, Mich.
vLake Shore Canning Co., Sheboygan, Wis.
vLanark Canning Co., Lanark, Ill.

vLanesboro Canning Co. (Pork & Beans), Lanesboro, Minn.
 fvLang Canning & Preserving Co., Beatrice, Nebr.
 vLange Canning Co., Eau Claire, Wis.
 *bfvLangrall J. & Bro., 2105 Aliceanna, Baltimore, Md.
 vfbLaning Geo. D., Bridgeton, N. J.
 fvLaning W. & Son, Bridgeton, N. J.
 vLansdale Pure Food Co. (Catsup), 1229 Germantown av., Phila., Pa.
 vLansdowne, J. T., Stone Mountain, Va.
 vLapel Canning Co., Lapel, Ind.
 vLa Porte Canning Co., La Porte, Ind.
 Larimer County Co-operative Milk Condensing Co., Loveland, Colo.
 vLarsen Canning Co., Green Bay, Wis.
 vLatane & Watson, Murford, Va.
 *Latimer & Laurence Packing Co., Biloxi, Miss.
 bfvLaurel Canning Co., Laurel, Del.
 *Lawler Allen, Southwest Harbor, Me.
 *Lawrence A. H., Wrangall, Alaska
 *Lawrence Canning Co., Rockland, Me.
 *vLawry E. H., Lawry, Me.
 vLawson & Segar, Lockies, Va.
 vLayman Bros. Co., Daleville, Va.
 fvLayman C. A., Troutville, Va.
 fvLayman C. E., Troutville, Va.
 fvLayman C. T., Roanoke, Va.
 fvLayman J. W. & Son, Troutville, Va.
 vLayman M., Roanoke, Va.
 fvLayman Wm. M., Roanoke, Va.
 vLeasburg Canning Co., Leasburg, Mo.
 vLeatherbury W. K., Salisbury, Conn.
 vLednum J. F., Preston, Md.
 vLudnum R. I. & Co., Pocomoke City, Md.
 fvLee Canning Co., Hamilton, N. Y.
 vLee Chester A., Easton, Md.
 vLee R. C., Bedford, Va.
 vLee & Hurley, Jerusalem, Md.
 vLeeds Packing Co., Easton, Md.
 vLeesburg Canning Co., Leesburg, O.
 vLehi Canning Co., Lehi, Utah
 vLeisure Packing Co., Elwood, Ind.
 fLeland Fruit & Packing Co., Leland, Wash.
 vLe Roy Canning Co., Le Roy, N. Y.
 vLewes Packing Co., Lewes, Del.
 vfbLewes Canning Co., Westport, Cal.
 fvLewis County Canning Ass'n, Chehalis, Wash.
 vLewis F. C., Hopkins, Va.
 vLewisville Canning Co., Lewisville, Ind.
 bfmLibby-McNeill & Libby (Pickles & Olives), 300 W S Water, Chicago, Ill.
 vLiberty Brand Canning Co., Dover, Del.
 vLiddell G. J., Liberty Grove, Md.
 *Lighthiser C. H., 602 William, Baltimore, Md.
 *Lighthouse Canning & Packing Co., Chatham, Alaska
 vfbLindale Canning Co., Lindale, Tex.
 vfbLing Packing Co., Newburyport, Mass.
 vLingo R. D. & Co., Cool Spring, Del.
 fvLinn-Benton Co-operative Growers' Ass'n, Albany, Ore.
 vLipes S. H., Springwood, Va.
 pLippincott Co. (Olives & Chili Sauce), 42 Main, Cincinnati, O.
 vLippincott Mrs. J. W., Salem, N. J.
 vLloyd & Moore Canning Co., Blades, Del.
 vLloyds Packing Co., Lloyds, Md.
 vfbLockport Canning Co., Lockport, N. Y.
 *vbLoggie A. & R., Columbia Falls, Me.
 Loma Ranch (Olives), Fall Brook, Cal.
 *Long Beach Tuna Packing Co., Long Beach, Cal.
 vLong Bros., Westover, Md.
 fvLong Cider & Canning Co., Brownsville, Nebr.
 pLong Fruit Products Co., Lewis bldg, Portland, Ore.
 cLongaker H. G. & Co., Federalburg, Md.
 *pvLopez-Desporte Packing Co., Biloxi, Miss.
 Los Angeles Olive Growers' Ass'n, Higgins bldg, Los Angeles, Cal.
 *Los Angeles Tuna Canning Co., Long Beach, Cal.
 Loudon Packing Co. (Soups & Chili Sauce), Terre Haute, Ind.
 *fvLowden G. W., Savannah, Ga.
 vLowe H. W. (Hominy), Florence, Nebr.
 vLowekamp Bros., Jessups, Md.
 vLowell Canning Co., Lowell, Wis.
 *Lower California Fisheries Co., San Diego, Cal.
 vLloyd H. C., Goodview, Va.
 *Lubec Sardine Co., Lubec, Me.
 vLucas W. L. & Son, Troutville, Va.
 bfvLudington J. & Co., 2211 Boston, Baltimore, Md.
 vLugar C. W., Troutville, Va.

*Lummi Bay Packing Co., Fox Lake, Wis.
 vfluray Canning Co., Luray, Va.
 fvLuttrell Bros., Unger's Store, W. Va.
 vLutz Isadore, Bloomington, Ill.
 vLutz & Schramm Co. (Olives & Pickles), 1412 River av., N S, Pittsburgh, Pa.
 McBrayer Canning Co., McBrayer, Ky.
 vMcClagherty J. K., Springwood, Va.
 *McClellanville Canning Co., McClellanville, S. C.
 vMcComas G. W. & Co., Monrovia, Md.
 vMcComas Geo. W. & Sons, Singer, Md.
 vMcCoy Canning Co., Urbana, O.
 vMcCready & Webster, Chance, Md.
 vMcCullough H. M., Buchanan, Va.
 *McDonald Packing Co., Eastport, Me.
 *McFerron J. W., Fincastle, Va.
 *McGowan P. J. & Sons, McGowan, Wash.
 *bfvMcGrath H. J. Co., Atlantic Wharf, Baltimore, Md.
 pvMcIlhenny Co. (Olives), Avery Island, La.
 fvMcLaughlin Canning Co., Sunnyside, Wash.
 v*McMenamin & Co., Campton, Va.
 vMcMurray Louis Pkg. Co., Pontiac, Ill.
 McNally Ranch (Olives), La Mirada, Cal.
 vMcWain Canning & Packing Co., East Waterford, Me.
 *Machias Canning Co., Machias, Me.
 *Machiasport Packing Co., Machiasport, Me.
 *MacNichol Packing Co., Eastport, Me.
 fvMagie J. R., Bellingham, Wash.
 vMagness R. L. & Co., Emmorton, Md.
 vMahon M. J. & C. M., Ellendale, Del.
 fpbMalcolm J. B. & Co., Marion, N. Y.
 vMangas C. B. & S. D., Vesuvius, Va.
 Mansfield Fred C. Co. (Condensed Milk), Johnson Creek, Wis.
 *Mansfield Packing Co., Jonesport, Me.
 vMantapike Canning Co., Mantapike, Va.
 vManteca Canning Co., Manteca, Cal.
 fvMantik Packing Co. (Hominy), 249 S 7th, Baltimore, Md.
 fvMarble W. A. & Co., West Farmington, Me.
 bvMarengo Canning Co., Marengo, Ind.
 vMarkesan Canning Co., Markesan, Wis.
 vMarkham F. J., Mumford, Va.
 vMarkham G. J., Lowry, Va.
 fvMarkham L. R., Lithia, Va.
 vMarkland Canning Co., Markland, Ind.
 fvMarionville Canning Co., Marionville, Mo.
 vfmarr Canning Co., Gravette, Ark.
 vMarshall Canning Co., Marshalltown, Ia.
 vMarshall J. L. & J. O., Overbrook, Del.
 vMarshall L. D., Thaxton, Va.
 vfmarsfield Canning Co., Marshfield, Mo.
 vMason Canning Co., 3d & Walnut, Cincinnati, O.
 fvMason County Fruit Growers' Ass'n, Shelton, Wash.
 vMaud Canning Co., Maud, O.
 fMaui Pineapple Co., Pauwela, Hawaii
 *Mawhinney & Ramsdell, Lubec, Me.
 vbMay H. & Co., Egg Harbor City, N. J.
 *bMayo A. H., Naskeag, Me.
 vMayville Canning Co., Mayville, Wis.
 Maywood Packing Co. (Olives), Corning, Cal.
 Meadowbrook Condensed Milk Co., Issaquah, Wash.
 vMedora Canning Co., Medora, Ind.
 *Megler J. G. & Co., Brookfield, Wash.
 fvMendoza Frank & Son, Dighton, Mass.
 Mercurio Bros. Spaghetti Mfg. Co., 829 N 8th, St. Louis, Mo.
 vMerrell Canning Co., Harlan, Ia.
 vMerrell-Soule Syracuse, N. Y.
 vMerritt R. B. & Son, Warwick, Md.
 vMessenger H. B., Federalburg, Md.
 vfmessenger R. W. & Co., Federalburg, Md.
 vfmessenger & Richardson, Williamsburg, Md.
 vMessick J. B. & Co., Bethel, Del.
 vMessick P. S., Hurlock, Md.
 vMessick R. M. & Son, Bethlehem, Md.
 vMessick W. F. & Bro., Salisbury, Md.
 vMeta Canning Co., Meta, Mo.
 vMiami Canning Co., Lebanon, O.
 vMichael R. M., Aberdeen, Md.
 vMichael W. O., Fountain Green, Md.
 vpbMichigan Refining & Preserving Co. (Pickles), Menominee, Mich.
 *Midnight Sun Packing Co., Seattle, Wash.
 pfvMikesell & Co., Traverse City, Mich.
 *Milden Packing Co., Sharps, Va.
 vMilford Canning Co., Milford, Ill.
 vbMillbourne L. M., Kingston, Md.
 *Millbridge Packing Co., Millbridge, Me.

bfvMiller Bros. & Co. (Hominy), 901 S Wolfe, Baltimore, Md.
 vfmiller D. H. & Co., Moneta, Va.
 vfmiller E. M., Fincastle, Va.
 Miller M. H. (Hominy), Pleasantville, O.
 vfmiller Thomas D., Havre De Grace, Md.
 vfmillers & Ritzell, Westover, Md.
 vfmill Shoals Canning Co., Mill Shoals, Ill.
 vfmilwaukee River Canning Co., Thiensville, Wis.
 vfmimbres Valley Growers' & Cannery Ass'n, Hondale, N. Mex.
 vfmnnesota Valley Canning Co., Le Sueur, Minn.
 vfmnettonka Canning Co., St. Bonifacius, Minn.
 vfmnot Packing Co., Mechanic Falls, Me.
 vfmmissing Link Apple Co., Clayton, Ill.
 vfmmissouri Condensed Milk Co., Kahoka, Mo.
 *vfmitchell F. O. & Bro., Perryman, Md.
 vfmitchell J. S. & Bro., Aberdeen, Md.
 vfmitchell R. F. & G. H., Aberdeen, Md.
 vfmitchell M., Aberdeen, Md.
 vfmitchell Ralph M., Aberdeen, Md.
 fvmobab Canning Co., Moab, Utah
 cmobridge Canning Co., Mobridge, S. D.
 Mohawk Condensed Milk Co., 71 Hudson, New York
 vfmolino Canning Co., Molino, Fla.
 vfmondovi Co-operative Canning Co., Mondovi, Wis.
 fvfmmonmouth Canning Co., Portland, Me.
 vfmmonocacy Valley Canning Co., Frederick, Md.
 vfmmonroe Canning & Packing Co., Monroe, Mich.
 vfbfmmonroe County Canning Co., Brockport, N. Y.
 vfmontclair Jam Kitchens (Olives & Pickles), Montclair, N. J.
 *fmmonterey Packing Co., 110 Market, San Francisco, Cal.
 vfmontgomery S. P., Buchanan, Va.
 vfmontgomery & Flora, Wirtz, Va.
 vfmontpelier Canning Co., Montpelier, O.
 vfmonticello Canning Co., Monticello, Ia.
 fvfmonticello Preserving Co., Monticello, Minn.
 fmmontrvale Canning Co., Montvale, Va.
 fvfmoomaw G. A., Troutville, Va.
 vfbfm Moore & Brady Co., Key Highway & Boyle, Baltimore, Md.
 vfmorgan Canning Co., Morgan, Utah
 vfmorgantown Packing Co. (Hominy, Pork & Beans), Morgantown, Ind.
 vfmorlock F., Abington, Md.
 mvfmorrell J. & Co. (Soups), Ottumwa, Ia.
 fvfmorris Canning Co., Lambertville, N. J.
 mfmorris & Co. (Milk), 38 S Dearborn, Chicago, Ill.
 vfmorrison Charles H., Aurora, Mo.
 vfmorrow Packing Co., Morrow, O.
 vfbfmorsani Canning Co., Tontitown, Ark.
 *fmorse Canning Co., Mora, Wash.
 vfbfmorton Canning Co., Morton, N. Y.
 fvfmoulton W. A., Phoenix, N. Y.
 vfmount Calvary Canning Co., Mount Calvary, Wis.
 fvfbmount Morris Canning Co., Mount Morris, N. Y.
 vfmount Pleasant Canning Co., Mount Pleasant, Ia.
 Mt. Vernon Cream Co. (Milk), Seattle, Wash.
 vfmullen - Blackledge - Nellis Co. (Chili Sauce), Brazil, Ind.
 vfmuller Bros. (Pickles & Catsup), Oakland, Cal.
 vfmumford Packing Co., Showell, Md.
 fmunson Bros. (Olives), Phoenix, Ariz.
 vfmurphy C. & Sons, Rocks, Md.
 fvfmurray G. M. Sons Canning Co., Oden-ton, Md.
 vfmurray & Patterson, Hollins, Va.
 fmusselman Canning Co., Biglersville, Pa.
 bfvfmyer T. J. & Co., 1237 S Sharp, Baltimore, Md.
 *fmymers G. T. & Co., Seattle, Wash.
 vfmymers W. H. & Co., Bryansville, Pa.
 vfnable R. F. & Co., Cannon, Del.
 vfnaff & Flora, Boone Mill, Va.
 *fnahcotta Clam Canning Co., South Bend, Wash.
 *fnaknek Packing Co., 69 Main, San Francisco, Cal.
 vfn Naomi Canning Co. (Hominy), Edin-burg, Ind.
 fvfnational Canning Co., Olympia, Wash.
 vfnational Pickle & Canning Co., Blue Island, Ill.
 vfnauvoo Canning Co., Nauvoo, Ill.
 vfnenah Packing Co., Neenah, Va.
 vfnellsville Canning Co., Neillsville, Wis.
 fvfnelson Canning Co., Galena, Mo.
 vfnelson J. L. & Co., Hebron, Md.

vNeosho Canning Co., Neosho, Mo.
 *Neptune Packing Co., Boothbay Harbor, Me.
 fvNester P. H., Thaxton, Va.
 Nestles Food Co. (Prepared Food), 233 B'way, New York
 vfbNevada County Cannery Ass'n, Gass Valley, Cal.
 fvNewark Canning Co., Newark, Ark.
 *New England Canning Co., Eastport, Me.
 fvbNew Era Canning Co., New Era, Mich.
 vNew Hartford Canning Co., Ltd., New Hartford, N. Y.
 vNew Holstein Canning Co., New Holstein, Wis.
 vNew Lisbon Canning Co., New Lisbon, Ind.
 vNew Stone Canning Co., Fordland, Mo.
 vNewton Canning Co., Newton, Miss.
 vNewtonville Canning Co., Newtonville, O.
 cNixa Canning Co., Nixa, Mo.
 vNobel A., Preston, Md.
 vNobel County Canning Co., Lisbon, Ind.
 fvNoell J. A., Bedford, Va.
 fvNofsinger M. P., Fincastle, Va.
 Nomini Packing & Mfg. Co., Montrose, Va.
 vNominy Grove Canning Co., Nominy Grove, Va.
 vfnorfolk Packing Co. (Pork & Beans), Norfolk, Nebr.
 vNorris J. T., Van Bibber, Md.
 *North Alaska Salmon Co., 110 Market, San Francisco, Cal.
 *North American Tuna Canning Co., Terminal, Cal.
 *North Lubec Mfg. & Canning Co., North Lubec, Me.
 vNorth Ogden Canning Co., North Ogden, Utah.
 *North Pacific Trading & Packing Co., Hobart bldg, San Francisco, Cal.
 fvbNortheast Preserving Wks., North East, Pa.
 vNorthern Maine Packing Co., Corinna, Me.
 vfnorthwest Canning Co. (Pickles), Vashon, Wash.
 vNoyes F. F., Augusta, Me.
 fvbNuera Canning Co., North Wilkesboro, N. C.
 bvfvpNumsen Wm. & Sons, 18 Light, Baltimore, Md.
 vNuttie H. T. & H. H., Hobbs, Md.
 vOak Grove Canning Co., Oak Grove, Va.
 fOakton Canning Co., Oakton, Ky.
 Oatman Condensed Milk Co., Dundee, Ill.
 vfbObenshain E. P., Nace, Va.
 vfbObenshain J. B. & Sons, Montvale, Va.
 *Ocean Food Packing Co., Everett, Wash.
 *Ocean Shore Canning Co., 112 Market, San Francisco, Cal.
 *Ocean Springs Packing Co., Ocean Springs, Miss.
 fvbOceana Canning Co., Shelby, Mich.
 vOdessa Canning Co., Oak Grove, Mo.
 *Oemler Oyster Canneries, Savannah, Ga.
 vfbOgburn Canning Co. (Hominy), Dallas, Tex.
 Ohio Dairy Co. (Milk), Toledo, O.
 vOhio Valley Canning Co., Charlestown, Ind.
 vOld Dominion Packing Co., Buchanan, Va.
 vfbOld Homestead Cannery Co., Fork Union, Pa.
 vOliver W. E., Bynum, Md.
 vOlivia Canning, Preserving & Mfg. Co., Olivia, Minn.
 vfbOlney B. Canning Co. (Pork & Beans), Oneida, N. Y.
 vOlney & Floyd, Westernville, N. Y.
 vOmaha Canning Co., Omaha, Ill.
 vOnohundro T. E., Farmers Fork, Va.
 vOnalaska Pickle & Canning Co. (Olives), Onalaska, Wis.
 vfbpOneida Community Ltd. (Pickles), Oneida, N. Y.
 vOneida County Canning Co., Ltd., Verona, N. Y.
 vOostburg Canning Co., Oostburg, Wis.
 vfbOregon Canning Co., Oregon, Mo.
 *Oregon Fisheries Co., Bay City, Ore.
 fvOregon Packing Co., 460 Belmont, Portland, Ore.
 vfbOrleans County Canning Co., Barre Center, N. Y.
 fOrtanna Canning Co., Ortanna, Pa.
 vOrtega E. C. (Catsup & Chili Sauce), 602 Santa Fe av, Los Angeles, Cal.
 vOsborn H. A., Havre De Grace, Md.
 fvbOsborn W. H. Co., Honeoye Falls, N. Y.
 vfbOsborn & Whitney, Rush, N. Y.
 vfbOswego Preserving Co., Oswego, N. Y.
 vfbOtisco Canning Co., Otisco, Ind.
 fvOtoe Food Products Co. ("Otoe," "Pio-

neer," "Aborall," "Luxury" & "Shepard" Brands), Nebraska City, Nebr.
 vOwatonna Canning Co., Owatonna, Minn.
 vOwen Canning Co., Owen, Wis.
 vOwens A. H. & Bro., Perryville, Md.
 fvOwensboro Canning Co., Owensboro, Ky.
 vfbOwosso Canning Co., Owosso, Mich.
 vOxenham W. P. & Bro., Kirkham, Md.
 *Pacific-American Fisheries, South Bellingham, Wash.
 bfvPacific Coast Canning Co., Oakland, Cal.
 pmPacific Coast Syrup Co. (Honey), 731 Sansome, San Francisco, Cal.
 Pacific Creamery Co. (Milk), Tempe, Ariz.
 *Pacific Fish Co., 112 Market, San Francisco, Cal.
 *Pacific Fisheries & Packing Co., Aberdeen, Wash.
 vPacific Pea Packing Co., Oakdale, Cal.
 *Pacific Tuna Canning Co., San Diego, Cal.
 vPacific Vinegar & Pickle Wks, 204 Sacramento, San Francisco, Cal.
 Page Milk Co., Ubly, Mich.
 Page Thos. (Catsup), Albion, N. Y.
 vParker W. B., Denton, Md.
 vParks & Bros., Kinsale, Va.
 vParkston Canning Co., Parkston, S. D.
 vfbPasadena Canning Co., Pasadena, Cal.
 vPatchett J. P., Federalburg, Md.
 vPaxton Canning Co., Paxton, Ill.
 vPayne Mfg. & Canning Co., Payne, O.
 fPearl City Fruit Co., Honolulu, Hawaii
 vfbPearson A. E. & Son, Lottsburg, Va.
 fvPeck C. L. & Son, Fincastle, Va.
 fvPecke & Pratt, Hilton, N. Y.
 fvPecos Valley Farm Products Co., Dayton, N. Mex.
 pvPe-Co-To Packing Co., Indianapolis, Ind.
 vPekin Canning Co., Salem, Ind.
 *Pelican Lake Oyster & Packing Co., Ltd., Houma, La.
 vPella Canning Co., Pella, Ia.
 Penick & Ford, Ltd. (Molasses & Syrups), New Orleans, La.
 vPennington Canning Co., Pennington, N. J.
 vfbpPerry C. H. & Son, Manlius, N. Y.
 Perry Packing Co. (Condensed Milk), Perry, Ia.
 vPeru Canning Co., Peru, Ind.
 fvPeru Canning & Mfg. Co., Peru, Nebr.
 *Petersburg Packing Co., Seattle, Wash.
 vPetersburg Sanitary Canning Co., Petersburg, Ind.
 bfvPharr King (Honey), Catherine, Ala.
 vPhelps H., North Bay, N. Y.
 vfbPhiladelphia Pickling Co. (Pickles & Honey), 262 S 2d, Phila., Pa.
 vPhillips J. H. & Sons, Berkeley, W. Va.
 vfbPhillips Packing Co., Cambridge, Md.
 vPhillips, Waller Co., Salisbury, Md.
 vPhillips & Douglass, Preston, Md.
 Pickarts Vinegar & Pickle Co. (Sauerkraut & Pickles), Leavenworth, Kans.
 v*Pickert L. Fish Co., 16 New, Boston, Mass.
 bfvPierce City Packing Co., Pierce City, Mo.
 *Pillar Bay Packing Co., Seattle, Wash.
 vPioneer Canning Co., St. Henry, O.
 vPioneer Canning & Pickling Co., St. Nazianz, Wis.
 fPlacer County Growers' Ass'n, Lincoln, Cal.
 vPlain Canning Co., Plain City, O.
 vfbPlain City Canning Co., Plain City, Utah
 vPlainview Canning Co., Plainview, Minn.
 vfbPlainville Canning Co., Plainville, Ind.
 vfbPlatt & Co., Key Highway & Boyle, Baltimore, Md.
 fvbPleasant Grove Canning Co., Pleasant Grove, Utah
 vPleasant Plains Canning Co. (Hominy), Pleasant Plains, Ill.
 vPlum Point Canning Co., Plum Point, Md.
 vPlymouth Canning Co., Plymouth, Wis.
 *Point Lobos Canning Co., Monterey, Cal.
 vPolk J. T. Co. (Soups & Hominy), Greenwood, Ind.
 vfbPomona Valley Canning Co., Pomona, Cal.
 mPond E. K. Packing Co., 517 W 24th pl, Chicago, Ill.
 *Portland Products Co., South Portland, Me.
 vPowellsville Canning Co., Powellsville, Md.
 vfbPrairie City Canning Co., Prairie du Chien, Wis.
 bfvPrairie Grove Vinegar & Preserving Co., Prairie Grove, Ark.
 vfbPrairie State Canning Co., El Paso, Ill.

vfbPrairie View Canning Co., Randolph, Wis.
 fPratt, J. W., Farmington, Me.
 vfbPratt Low Preserving Co., Santa Clara, Cal.
 *Premier Packing Co., San Diego, Cal.
 vPressing W. C., Norwalk, O.
 fvPreston Canning Co., Preston, Md.
 vPreston Harry T., Middletown, Del.
 vPreston J. E., Aberdeen, Md.
 fvPrettyman G. H., Milford, Del.
 Price-Booker Mfg. Co. (Catsup, Pickles & Chili Sauce), Houston Heights, Tex.
 vPrice D. E. & Son, Darlington, Md.
 fvbPrice H. G. & Co., Ontario, Cal.
 pPride Bros. Co. (Molasses), Bellingham, Wash.
 vPrince Edward Canning Co., Buchanan, Va.
 vPrinceton Canning Co., Brownsburg, Ind.
 fvbPritchard E (Plum Pudding), Bridge-ton, N. J.
 vProgressive Canning Co., Elba, Wis.
 fProspect Canning Co., Bedford, Va.
 *Prosper Canning Co., Prosper, Ore.
 vmpuente Rancho Packing Co. (Pork & Beans), Puente, Cal.
 vPure Food Canning Co., Erie, Pa.
 vPusey Ernest J. & Sons, Venton, Md.
 vPusey, Holland Co., Princess Anne, Md.
 fvbPuyallup & Sumner Fruit Growers' Ass'n, Puyallup, Wash.
 fvbPyle J. F. & Son, San Jose, Cal.
 vQuenponco Packing Co., Newark, Md.
 vRacine Canning Co., Racine, O.
 fvRader F. B., Troutville, Va.
 vRalph C. S. & Bro., Vienna, Md.
 vRandolph Canning Co., Randolph, Wis.
 Ratcliff Pure Food Products Co. (Chili Sauce), Fort Worth, Tex.
 vReaburn J. H., Nace, Va.
 vReber A. C., Ridgley, Md.
 mvReber Preserving Co. (Hominy), Eola, Ill.
 vReckord Bros., Bel Air, Md.
 vRecords M. Sons Co., Forest, Del.
 fRed Apple Orchard Corp., Shipman, Va.
 vfbRed Creek Canning Co., Red Creek, N. Y.
 fvRedman T. V. & Son, Dreston, Md.
 vfbRed Oak Canning Co., Red Oak, Ia.
 vReece E. G., Canning Co., Waldron, Ind.
 fvReed C. D., Troutville, Va.
 vReedsburg Canning Co., Eau Claire, Wis.
 vReese E. C., Harrington, Del.
 vReese S. P. & Co., Harrington, Del.
 vRehoboth Packing Co., Rehoboth Beach, Del.
 pvReid, Murdoch & Co. (Pickles & Olives), Clark st. Bridge, Chicago, Ill.
 vRemington Packing Co., Moorhead, Minn.
 vRenfrew R. M., Fayette, Pa.
 fvReynolds C. W., Troutville, Va.
 vReynolds J. S. & Co., Frederica, Del.
 vReynolds S. H., Nace, Va.
 fRheinstrom Bros. Co., 919 Martin Pearl & E Front, Cincinnati, O.
 mRice E. A. Co., 2230 S La Salle, Chicago, Ill.
 vRich J. W., Deer Creek, Ill.
 vRichardson T. P., Boone Mill, Va.
 vRichardson W. R., Troutville, Va.
 vRichardson W. T. & Co., Rising Sun, Md.
 vRichardson & Robbins Co., Dover, Del.
 vRichland Canning Co., Brighton, Ia.
 fRicks Bros., Reynolds, Ga.
 vRidden G. T. & Co., Denton, Md.
 vRider Packing Co. (Hominy), Crothersville, Ind.
 vRidersville Canning Co., Ridersville, W. Va.
 fvRiely Bros., Blue Ridge Springs, Va.
 *Riggin R. & Bro., Crisfield, Md.
 vRiley Packing Co., Farmington, Del.
 vRio Grande Packing Co., 120 Spruce, Phila., Pa.
 vfbRitter P. J. Conserve Co. (Soups & Olives), 221 Frankford, Phila., Pa.
 vRitty A. E. Canning Co., Dayton, O.
 vRiverdale Co., Ogden, Utah
 fvRiverside Canning Co. (Pickles & Hominy), Hamburg, Ia.
 fvRiverton Canning Co. (Chili Sauce), Riverton, Utah
 vRiverview Canning Co., Streator, Ill.
 vfbRoach W. R. & Co., Hart, Mich.
 vRobbins A. G. Packing Co., Robbins, Md.
 vfbRoberts Bros., 427 E Lexington, Baltimore, Md.
 vRoberts H. W., Clara, Md.
 vfbRoberts W. H. & Co. (Peanut Butter), 1011 S Lakewood av, Baltimore, Md.
 vRoberts & Webster, Princess Anne, Md.
 fvRobertson J. H., Buchanan, Va.
 vRobinson A. S., Fallston, Md.
 *Robinson Quincy, Warrenton, Ore.

vfbRobinson S. M. & Co., 607 S. Luzerne av, Baltimore, Md.
 Robinson T. K. Co. (Molasses), Vicksburg, Miss.
 fvRobinson W. E. & Co., Bel Air, Md.
 vRochester Canning Co., Rochester, Ind.
 vRockfield Canning Co., Rockfield, Wis.
 *vRock Hall Canning Co., 2203 E Baltimore, Baltimore, Md.
 vRock Island Canning Co., Sears, Ill.
 fvRockport Canning Co., Rockport, Mo.
 vRock Springs Canning Co., Allentown, Mo.
 vRockwell City Canning Co., Rockwell, Ia.
 fvbRocky Ford Canning & Mfg. Co., Rocky Ford, Colo.
 fRoddembery W. B. (Molasses), Cairo, Ga.
 vRoe F. P., Greensboro, Md.
 fRoeding Olive Co., Fresno, Cal.
 fRogus River Valley Canning Co., Medford, Ore.
 vRoot J. V., Versailles, Ill.
 vRoss E. C., Seaford, Del.
 vRoss & Williams, Princess Anne, Md.
 fvRossville Canning Co., Rossville, Ill.
 fvRowan Canning Co., Salisbury, N. C.
 Royal Packing Co. (Catsup, Chili Sauce, Chile Powder, Peppers & Spanish Pimientos), 1815 Sacramento, Los Angeles, Cal.
 vRoyal Packing Co., Milton, Del.
 vRoyal Packing Co., Windfall, Ind.
 *Royal River Packing Co., Portland, Ore.
 vRuark Lafayette, Westover, Md.
 fvRuble & Lemon, Nace, Va.
 vRuff E. G., Delta, Pa.
 vRuff & Rehmeier, Woodbine, Pa.
 *Ruge Bros. Canning Co., Apalachicola, Fla.
 *vRuley-Covington Packing Co., Tilghman, Md.
 vRussell W. L. & Son, Mila, Va.
 vRussellville Packing Co., Russellville, O.
 vRustburg Canning Co., Rustburg, Va.
 vRutland Canning Co., Rutland, O.
 vSachem's Head Canning Co., Guilford, Conn.
 vSac City Canning Co., Sac City, Ia.
 fvSaco Valley Canning Co., Portland, Me.
 vSadler Canning Co., Cicero, N. Y.
 vSailors' Packing Co., Kokomo, Ind.
 vSt. Elizabeth Canning Co., St. Elizabeth, Mo.
 vSt. Thomas Canning Co., St. Thomas, Mo.
 vSalem Canning Co., Salem, N. J.
 vSalem Ernest, Phalanx, N. J.
 vSalem Supply Co., Salem, N. J.
 *Salina Packing Co., Anacortes, Wash.
 vfbSalt Lake Valley Canning Co., Ogden, Utah
 fvbSalter Canning Co., North Rose, N. Y.
 vSamels Bros. & White, Chaska, Minn.
 *Sanborn-Cutting Co., Astoria, Ore.
 vSandy Ford Canning Co., Thaxton, Va.
 vSanford W. H., Tucker Hill, Va.
 vSan Gabriel Valley Canning Co., Los Angeles, Cal.
 fvSanguinetti Canning Co., Mountain View, Cal.
 vSanitary Canning Co., Westphalia, Ind.
 vSanitary Canning Co., Stoutland, Mo.
 *Sanitary Fish Co., Anacortes, Wash.
 vSanitary Packing Co., Hollandsburg, O.
 *San Juan Canning Co., Friday Harbor, Wash.
 *San Juan Fishing & Packing Co., Seattle, Wash.
 vfbSanoma Valley Canning Co., Vineburg, Cal.
 fvSarcoxi Canning Co., Sarcoxi, Mo.
 fvSauguoit Canning Co., Utica, N. Y.
 vSauk City Canning & Pickling Co., Sauk City, Wis.
 vSaulsbury Bros., Ridley, Md.
 pvSawyer E. E. & Co., Atkinson, N. H.
 *Sawyer H. F. & Son, Boothbay Harbor, Me.
 vSayers Iven H., Westminster, Md.
 vScarborough J. O., Fallston, Md.
 vfbSchall Packing Co., Atlantic Wharf, Baltimore, Md.
 vScience Hill Canning Co., Science Hill, Ky.
 vScott C. M. Packing Co., Dover, Del.
 fvScotten Geo. P. & Son, Magnolia, Del.
 fvScottsburg Canning Co. (Hominy), Scottsburg, Ind.
 vScoville H. D., Constantia, N. Y.
 fScutt Frank, Verbank Village, N. Y.
 *Sea Beach Packing Wks., Aberdeen Wash.
 *Seaborg B. A., Gold Beach, Ore.
 *Sea Coast Canning Co., Eastport, Me.
 *fSea Food Co., Biloxi, Miss.
 vSears C. E. & Co. (Hominy), Circleville, O.

vSears D. M. Co. (Pickles & Hominy), Fort Wayne, Ind.
 vfbSears & Nichols Canning Co. (Hominy), Chillicothe, O.
 *Seaside Canneries, Salem, Ore.
 vSeaside Canning Co., Ocean City, Md.
 *Seattle Packing Co., Seattle, Wash.
 fvSecrist & Camper, Buchanan, Va.
 vSelbyville Packing Co., Selbyville, Del.
 vSelman A. B. & Bro., Watersville, Md.
 bfSelma Canning Co., Selma, Cal.
 Seneca Kraut & Pickling Co., Geneva, N. Y.
 fvSeufert Bros. Co., The Dalles, Ore.
 fvSharon Center Canning Co., Sharon Center, O.
 vSharp J. V. Canning Co., Williamstown, N. J.
 vSharpville Canning Co., Sharpville, Ind.
 vShaver B. F., Troutville, Va.
 vfbShaver & Moomaw, Troutville, Va.
 vShawano Canning Co., Shawano, Wis.
 vSheldrake J. W., Harrington, Del.
 fvShenandoah Packing Co., Starkey, Va.
 vSheridan Packing Co., Sheridan, Ind.
 vSheriff Preserve Co., 123 E Pearl, Cincinnati, O.
 vSherman Canning & Preserving Co., Sherman, N. Y.
 *vSherwood Canning Co., Sherwood, Md.
 vSheyenne Valley Canning Co., Lisbon, N. D.
 vShields L. H., English, Ind.
 vShimp E. Co., Hancock's Bridge, N. J.
 vShimp & Harris, Canton, N. J.
 vShirley Canning Co., Shirley, Ind.
 vShowalter S. C. & Son, Troutville, Va.
 vShowalter & Garst, Roanoke, Va.
 vShowell Mfg. Co., Showell, Md.
 vShriver B. F. Co., Westminster, Md.
 vSilver C. B., Havre De Grace, Md.
 vSilver Geo. O., Havre De Grace, Md.
 vSilver State Creamery & Produce Co. (Pickles & Hominy), Fort Lupton, Colo.
 vSilver W. F., Havre De Grace, Md.
 vSimmons R. L. Co., Andrews, Md.
 vSimpson Packing Co., Trappe, Md.
 *Sinclair Island Canning Co., Urban, Wash.
 vSink Wm. Canning Co., Brandon, Wis.
 vSisson J. H., Nace, Va.
 vfbSizer A. & Co., Buchanan, Va.
 fSkagit Valley Fruit Growers' Ass'n., Burlington, Wash.
 vSkillman A. A., Belcamp, Md.
 vSlagel C. W. & Son, Davenport, Nebr.
 *vfbSlaight E. E. & Co., Seaford, Va.
 vSlessman & Sons, Clyde, O.
 vSlocum G. G., Wingate, Md.
 vSmiley F. L. & Son, Roanoke, Va.
 *Smiley J. L. & Co., Blaine, Wash.
 vSmiley J. W., Buchanan, Va.
 vSmith, Burkley & Billingslea, Taylors Bridge, Del.
 vSmith C. C., Airville, Pa.
 vfbSmith Canning Co., 116 S Front, Phila., Pa.
 vSmith F. I., Madison, Ind.
 vSmith F. W., Belcamp, Md.
 vSmith J. Colby & Son, Willow Grove, Del.
 fvSmith J. T., Fawn Grove, Pa.
 vfbSmith-Yingling Co., Westminster, Md.
 vfbSmithfield's Pure Food Co., Clarkson, N. Y.
 pSmucker J. M. (Apple Butter), Orrville, O.
 vSnider T. A. Preserve Co. (Soups, Catsup, Chili Sauce, Pork & Beans), 168 N Michigan av, Chicago, Ill.
 Snohomish Dairy Products Co., Snohomish, Wash.
 *fvSnow Flake Canning Co., Brunswick, Me.
 fbSodus Canning Co., Sodus, N. Y.
 *Solomon Packing Co., North Cove, Wash.
 fvSomerset Canning Co., Still Pond, Md.
 vSomerset Packing Co., Upper Fairmount, Md.
 Soper A. C. Co. (Catsup & Sauces), Farmingdale, N. J.
 *South Coast Canning Co., Long Beach, Cal.
 vSouth Jersey Canning Co., Pedricktown, N. J.
 vSouth Lebanon Canning Co., South Lebanon, O.
 fvbSouth Haven Preserving Co., South Haven, Mich.
 fvSouthern California Canning Co., Ontario, Cal.
 *Southern California Fish Co., 430 S B'way, Los Angeles, Cal.
 *Southern Oregon Co., Empire, Ore.
 Southern Product Co. (Syrup), Seminary, Miss.

vSouthern Syrup Co. (Molasses & Syrups), Montgomery, Ala.
 fSpalding Canning Co., Griffin, Ga.
 vfbSpanish Fork Canning Co., Spanish Fork, Utah
 Spartanburg Canning & Preserving Co., Spartanburg, S. C.
 vSpedden Packing Co., James, Md.
 vSpence J. H., Smithville, Md.
 pSpencer Wm. M. Sons Co. (Apple Butter), 324 E 2nd, Cincinnati, O.
 vSpickard C. H. & Son, Blue Ridge Springs, Va.
 vSpigle W. G., Troutville, Va.
 *vSpindler V. G., Halethorp, Md.
 fvbSpringbrook Canning Co., Springbrook, Ore.
 vSpring Valley Packing Co., Spring Valley, O.
 fvSpringville Canning Co., Springville, N. Y.
 fvSpringville Canning Co., Springville, Utah
 *Stafford-Crandall Packing & Fishing Co., Wilmington, Cal.
 fvStandard Canning Co., Noblesville, Ind.
 pStandard Syrup Co. (Apple Butter, Molasses & Syrups), 215 S 2nd, St. Louis, Mo.
 vStanley C. C., Hollins, Va.
 vfbStanley H. A., Bedford, Va.
 bfvStansbury Canning Co., Richmond, Va.
 vStar Canning Co., Roy, Utah
 vStathem-Cosier Co., Newport, N. J.
 vfbStaton-Moore Canning Co., Fruitland, Md.
 vSteel W. B., Port Deposit, Md.
 vSteinke E. H. Canning Co., Benton Harbor, Mich.
 bfvStetson F. F. & Co., 325 N av 20, Los Angeles, Cal.
 fvStetson & Ellison Co., Camden, Del.
 vStevens C. S. & Son, Cedarville, N. J.
 vStevens H. E., Nace, Va.
 fvStevens J. E., Nace, Va.
 vStevens T. D., Troutville, Va.
 vStevens W. L. Inc., Cape May, N. J.
 vStevens & Caskey, Hemlock, N. Y.
 *vStewart A. L. & Sons, Cherryfield, Me.
 vStewart J. Roland, Cambridge, Md.
 vStewart & Jarrell, Hillsboro, Md.
 vStittville Canning Co., Stittville, N. Y.
 vfbStokely Bros. & Co. (Hominy), Newport, Tenn.
 vStockham E. V., Perryman, Md.
 vStocking Geo. E., Rochelle, Ill.
 *fStockton Canning Co., Stockton Springs, Me.
 vStoops Packing Co., Van Wert, O.
 fvStorer E. A., West Poland, Me.
 vStoutamire P. W., Salem, Va.
 fvStoutman Geo. W., Roanoke, Va.
 vStrasbaugh Henry P., Aberdeen, Md.
 vStratford Packing Co., Chiltons, Va.
 vStrickler Bros. Canning Co., Tippecanoe City, O.
 vfbStrickler S. R., Nace, Va.
 vStur Canning Co., Republic, Mo.
 vSudlersville Canning Co., Sudlersville, Md.
 Sugar River Canning Co. (Milk), Albany, Wis.
 Sullivan Condensed Milk Co., Sullivan, Wis.
 vSummers C. G. & Co., 415 W. Camden, Baltimore, Md.
 vSummit Canning Co., Akron, Ind.
 vSunbright Canning Co., Dickson, Tenn.
 vfbSunlit Fruit Co. (Honey), 112 Market, San Francisco, Cal.
 fbSunnyvale Canneries, Sunnyvale, Cal.
 vSun Prairie Canning Co., Sun Prairie, Wis.
 bfbSunset Canning Co., Pomona, Cal.
 *vSunset Packing Co., West Pembroke, Me.
 *Superior Trading Co., Seattle, Wash.
 *Surf Packing Co., Aberdeen, Wash.
 vSwaim C. W. Canning Co., Sabina, O.
 vSwayzee Canning Co., Swayzee, Ind.
 vSweet Thomas J. & Co. (Catsup), Albion, N. Y.
 vSwing Bros., Ridgley, Md.
 vSwing J. M. & Bro., Greensboro, Md.
 vSwitzer C. G., Fincastle, Va.
 mvSycamore Preserve Wks., Sycamore, Ill.
 vSyracuse Canning Co., Syracuse, Utah
 *Taft Fish Co., Taft, Va.
 *Taku Canning & Cold Storage Co., Seattle, Wash.
 vTalbot Packing & Preserving Co., Easton, Md.
 *Tallant-Grant Packing Co., Astoria, Ore.
 vfbTanner Bros. Co., Oakfield, N. Y.
 vfbTate C. L. & Co., Arnold, Md.
 vTawes-Gibson Packing Co., Darlington, Md.

vTaylor A. J. & Son, Oak Hall, Va.
 bTaylor Bros., La Grange, Ky.
 fvTaylor Fruit & Canning Co., Lockport, N. Y.
 bfpvTaylor J. E. & Co. (Olives), Santa Ana, Cal.
 vTaylor J. W., Hallwood, Va.
 vTaylorsville Mfg. Co., Taylorsville, Ky.
 vTell City Canning Co., Tell City, Ind.
 vTemin Wm. & Son, Hartley, Del.
 vTempleman's Milling & Canning Co., Templeman Cross Roads, Va.
 fTexas Fig Co., Houston, Tex.
 *Thlinket Packing Co., Yeon bldg., Portland, Ore.
 vThomas Bros., Elliston, Va.
 fvbThomas Canning Co., Grand Rapids, Mich.
 fThomas G. H. & Co., Farmington Falls, Me.
 fThomas Pineapple Co., Honolulu, Hawaii
 vThomas S. C., Weems, Va.
 fvThompson Bros., East Haddam, Conn.
 fvThompson Bros., Cabool, Mo.
 fvThompson Bros. Canning Co., Marshfield, Mo.
 *Thompson John A., Freeport, Me.
 *vfbThorndike & Hix, Rockland, Me.
 vThornton Bros., Springboro, Pa.
 vThrasher R. H., Springwood, Va.
 vTilghman Canning Co., Tilghman, Md.
 *Tilghman Packing Co., Tilghman, Md.
 vTipton Canning Co., Tipton, Ia.
 vTomato Products Co., Paoli, Ind.
 Torbitt & Castleman Co. (Molasses), Louisville, Ky.
 vf*bTorsch Packing Co. (Hominy), Fort av, Lawrence & Clement, Baltimore, Md.
 vTowers L. B. Denton, Md.
 vTowner Jay F. & Sons, Perryman, Md.
 vTownsend J. G. & Co. Jr., Selbyville, Del.
 vTownsend Jas. & Son, Masten, Del.
 vTrappe Canning Co., Trappe, Md.
 vfbTraver W. M. Co., Hartford, Mich.
 vTravers J. R., Nanticoke, Md.
 vTrevey Bros., Nace, Va.
 vTripoli Canning Co., Tripoli, Ia.
 bfvTrue L. P. & Co., Hope, Me.
 vTuhey Canning Co., Muncie, Ind.
 vftulare Canning Co. (Olives), Tulare, Cal.
 ftulare County Growers' Ass'n. (Olives), Porterville, Cal.
 vtuttle & Co., McConnellsville, N. Y.
 *fbpvTwitchell-Champlin Co., Portland, Me.
 vTyaskin Packing Co., Tyaskin, Md.
 vfbTyler Canning & Pickling Co. (Hominy), Tyler, Tex.
 vUlary Chas. R., North East, Md.
 *Umpqua Co-operative Packing Co., Gardiner, Ore.
 *mUnderwood W. Co., 52 Fulton, Boston, Mass.
 vUnion City Canning Co. (Hominy), Union City, Tenn.
 *Union Fishermen's Co-operative Packing Co., Astoria, Ore.
 Union Packing Co. (Hominy, Chili Sauce, Pork & Beans), Omaha, Nebr.
 *Union Sardine Co., Lubec, Me.
 fvUnited Packers, Portland, Me.
 vUrbana Canning Co., Urbana, O.
 fvUrbanette Canning Co., Urbanette, Ark.
 vUtah Canning Co. (Soups, Pork & Beans), Ogden, Utah
 Utah Condensed Milk Co., Richmond, Utah
 fvUtica Canning Co., Utica, N. Y.
 vValders Canning Co., Valders, Wis.
 Valecia Evaporated Milk Co., Madison, Wis.
 bfvValley Canning Co., Newberg, Ore.
 vValley Cash Canning Co., Montvale, Va.
 vValley Packing Co., Lebanon, O.
 *Valliant J., Oxford, Md.
 v*Valliant W. H. & Bros., Bellevue, Md.
 vVallonia Canning Co. (Hominy), Vallonia, Ind.
 vVan Camp Geo. & Sons Co., Westfield, Ind.
 vVan Camp Packing Co. (Milk, Soups & Hominy), Indianapolis, Ind.
 *Van Camp Sea Food Co., San Pedro, Cal.
 vVance F. W. Co. (Catsup & Chili Sauce), Columbia City, Ind.
 fVarn & Platt Co., Savannah, Ga.
 Vassar Milk Condensing Co., 36 Chope pl, Detroit, Mich.
 mVette & Zunker, 220 N Green, Chicago, Ill.
 vfbVictor Preserving Co., Victor, N. Y.
 vVienna Canning Co., Vienna, Ind.
 vVinton Canning Co., Vinton, Ia.
 vVirginia Canning Co., Petersburg, Ill.
 vWabash Canning Co., Wabash, Ind.

*vWacker Chas. Co., Betterton, Md.
 vWaco Canning Co., Waco, Ky.
 vWaddington & Holme, Naylors, Va.
 vf*pbWagner M. Co., New Pier 2, Pratt, Baltimore, Md.
 vWagoner J. (Pickles), 516 N 2nd, St. Louis, Mo.
 vWaldo Canning Co., Waldo, Wis.
 bfwWales Geo. E., Newton Center, Mass.
 vWalker Bros., Aberdeen, Md.
 fvWallace J. Packing Co., Cambridge, Md.
 *Wards Cove Packing Co., Ketchikan, Alaska
 vWarrenburg Canning Co., Warrenburg, Ill.
 vWarren-Harchman Canning Co., Saratoga, Ind.
 *Warren Packing Co., Yeon bldg., Portland, Ore.
 *Warrenton Clam Co., Warrenton, Ore.
 vWasatch Orchard Co., Ogden, Utah
 vWashburn Canning Co., Washburn, Mo.
 vWaterford Canning Co., Waterford, Ky.
 vWaterloo Canning Ass'n., Waterloo, Wis.
 vWaterloo Canning Co., Waterloo, Ia.
 vWatertown Canning Co., Watertown, Wis.
 fv*Watkins J. E., St. Michaels, Md.
 vWatkins Packing Co., Odessa, Del.
 vWatson Bros Co., Greenwich, N. J.
 vWatson & Johnson, Peaksville, Va.
 vWaupun Canning Co., Waupun, Wis.
 vWausau Canning Co., Wausau, Wis.
 vWayland Canning Co., Wayland, N. Y.
 Wayne Canning Co., Wayne, Mich.
 Wayne County Canning Co. Ltd., Marion, N. Y.
 vWaynesville Canning Co., Waynesville, O.
 vWebb A. & Son, Vienna, Md.
 vWebb H. C., Stewartsville, Va.
 fvWebb H. F. Co., Portland, Me.
 vWebb W. H., Bloomingdale, Ind.
 vWeber A. & Co., 1941 O'Fallon, St. Louis, Mo.
 vWebster-Butterfield Co., 2219 Boston, Baltimore, Md.
 vWebster C., East New Market, Md.
 fvfbWebster Canning & Preserving Co., Webster, N. Y.
 fvWebster County Canning Co., Marshfield, Mo.
 vWebster Frederick L., Adams, N. Y.
 fvWebster N., Cambridge, Md.
 vWebster R., Hurlock, Md.
 vWebster W. & Co., Vienna, Md.
 vfWeeks A. T., Roanoke, Va.
 vWeir Canning Co., Toledo, Ia.
 fWelch Bros. Apple Co., Burlington, Vt.
 bvWelch Mary E. & Co., Thaxton, Va.
 vWeller J. Co. (Pickles), Oak Harbor, O.
 vWest Bend Canning Co., West Bend, Wis.
 m*West Coast Packing Co., Blaine, Wash.
 Western Condensed Milk Co., Newberg, Ore.
 vWestmoreland Canning Co., Mount Holly, Va.
 *vbWest River Packing Co., Galloways, Md.
 vWest Salem Canning Co., West Salem, Wis.
 bfvWexford Canning & Preserving Co., Wexford, Mich.
 *Whateom Fish Products Co., Bellingham, Wash.
 bWhitby C. H. & Son, Denton, Md.
 bfvWhite Cloud Canning Co., White Cloud, Mich.
 vWhite J. Cleveland, Salisbury, Md.
 vWhiteford J. S., Whiteford, Md.
 vWhiteford W. S. & Sons, Whiteford, Md.
 vWhitehead Fred H., Lincoln City, Del.
 fvWhitesburg Canning Co., Whitesburg, Tenn.
 *White Star Canning Co., San Pedro, Cal.
 vWhitewater Canning Co., Whitewater, Wis.
 fvWhiteson C. P., Swannawoa, N. C.
 vWhittington W. L. & Co., Hopewell, Md.
 vWhittington W. R., Marion Station, Md.
 vWieneke-Hoerr Co., Dubuque, Ia.
 vWigley H. C. & Bro., Millersville, Md.
 Wilder D. R. Mfg. Co. (Syrups), Atlanta, Ga.
 Wildi John Evaporated Milk Co., Columbus, O.
 vWilhelm Bros., Fincastle, Va.
 vWilkinson G. A., Nottingham, Pa.
 vWill & Sixbury, Cleveland, N. Y.
 *Willapa Harbor Fish Co., South Bend, Wash.
 fvbWillard Canning Co., Ogden, Utah
 vWilliams B. S. & Son, Buchanan, Va.
 pWilliams Bros. Co. (Pickles, Pork & Beans), Williams sq, Detroit, Mich.
 *bWilliams G. N., Cutler, Me.
 bvWilliams Milles & Bro., Fruit Dale, Ind.
 vWilliamsburg Canning Co., Williamsburg, O.

vWilliamsburg Packing Co., Williamsburg, Md.
 vWilliamson H. M., Nace, Va.
 vWilliamson J. A. & Co., Springwood, Va.
 fvWilliamsport Canning Co., Williamsport, Ind.
 vWilling J. W. & Son, Nanticoke, Md.
 fvWills W. L. & C. C., Troutville, Va.
 fvWillson A. H., Vineland, N. J.
 vWilson A. H., Aberdeen, Md.
 vWilson Canning Co., Hebron, Md.
 vfbWilson Canning Co., Mexico, N. Y.
 vWilson G. E., Roanoke, Va.
 vWilson Jas. T. & Co., Delmar, Del.
 fvWilson & Co., 41st & Ashland av, Chicago, Ill.
 vWilson & Merrick, Ingleside, Md.
 vWimbrow Bros., Whalesville, Md.
 vWinans Fruit & Canning Co., Diggins, Mo.
 bfWindholz Chas. A., Syracuse, N. Y.
 vWindsor Cove Packing Co., Jesterville, Md.
 vWindy Hill Packing Co., Easton, Md.
 fvWinebrenner D. E. Co., Hanover, Pa.
 vbWinorr Canning Co., Circleville, O.
 fvWinters Canning Co. (Olives), Winters, Cal.
 vWinters & Prophet Canning Co., Mount Morris, N. Y.
 vWinthrop Canning Co., Winthrop, Minn.
 Wisconsin Butter & Cheese Co. (Milk), Waukesha, Wis.
 vWisconsin Canning Co., Winneconne, Wis.
 Wisconsin Condensed Milk Co., Burlington, Wis.
 vWisconsin Pea Cannery Co., Manitowoc, Wis.
 vfbWomack A. L. Co. (Hominy), Bristol, Tenn.
 vWood N. A., Troutville, Va.
 vWoods Cross Canning Co., Woods Cross, Utah
 vWoodsboro Canning Co., Woodsboro, Md.
 fvWool F. G. Packing Co., San Jose, Cal.
 fvWoolford Packing Co., Washington & Aliceanna, Baltimore, Md.
 vpWooster Preserving Co. (Pickles & Catsup), Wooster, O.
 Workman Packing Co. (Soups, Chili Sauce, Pork & Beans), 432 7th, San Francisco, Cal.
 vWood W. G. & Sons, Roanoke, Va.
 vWright Canning Co., Aberdeen, Md.
 vWright F., Federalsburg, Md.
 vWright O. H., Vinton, Va.
 vWright W. J. & Son, Coptank, Md.
 vfbWright-Whittier Co., Ogden, Utah
 vWright & Saunders, Bedford, Va.
 vWrightson C. T., Easton, Md.
 *Wyman Canning Co., Millbridge, Me.
 *bWyman J. & Son, Millbridge, Me.
 vWyoming Canning & Preserving Co., Wyoming, N. Y.
 vYeager & Halstead, Cortland, N. Y.
 fvYale Canning Co., Yale, Mich.
 vfbYates County Canning Co., Penn Yan, N. Y.
 vYellow Springs Canning Co., Yellow Springs, O.
 fvYingling Jos. P., Pleasant Valley, Md.
 vZacheis W. B. & J. S., Port Penn, Del.
 vZiegler Canning & Preserving Co., Muscatine, Ia.
 vZimmerman Bros., Bedford, Va.

1829a— *Canning Apparatus

ELYRIA ENAMELED PRODUCTS CO.,
 (Glass Enameled), Elyria, O.
See adv index at end of book

1829b—*Cannon Powders (Black & Smokeless)

du Pont E. I. de Nemours & Co., Wilmington, Del. *For branch offices See adv index at end of book*

1830— Cannons (Yacht)

American & British Mfg. Co., Charles, Providence, R. I.
 Barney & Berry, Springfield, Mass.
 Brown R. H. & Co., New Haven, Conn.
 Kahnweiler's David Sons ("Lyle"), 260 Front, New York

1831— Canoes

See also Motor Boat, Launch & Yacht Builders

Carleton Canoe Co. (Birch Bark, Canvas Covered), Old Town, Me.
 Crane Bros. (Linenold Seamless), Westfield, Mass.

Detroit Boat Co. (Cedar & Canvas), Detroit, Mich.
 Old Town Canoe Co., Old Town, Me.
 Racine Boat Co. (Sailing, Paddling), Racine, Wis.
 Racine-Truscott-Shell Lake Boat Co. (Also Row Boats, Duck Boats, Etc.), Muskegon, Mich.
 Rushton Sidney P. ("Indian Girl," Sailing, Paddling), Canton, N. Y.
 Skaneateles Boat & Canoe Co. (Sailing, Paddling), Skaneateles, N. Y.
 White E. M. & Co. ("White" Canvas Covered Canoes, Paddles, etc.), Old Town, Me.

Canopies (Iron & Bronze)

See Marquees; also Awnings, Corrugated Steel

1832—Canopies (Lawn or Umbrella Tents)

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.
 Troy Carriage Sun Shade Co. ("Trojan"), Troy, O.

1833-4-5-6—Cans (Ash & Garbage)

Abbott Hardware Co. ("Oregon"), 636 Columbus av, New York
AMERICAN CAN CO. ("Canco"), 120 Broadway, New York
See adv index at end of book
 Arrow Can Co. ("Arrow," Pressed Steel), 170 B'way, New York
 Atlantic Stamping Co. (Garbage only), 180 Ames, Rochester, N. Y.
 Automatic Lock Cover Corp. (Sanitary Garbage), 38 E 21st, New York
 Barschi Harry, 411 E 107th, New York
 Berglund Chas. & Son, 236 E 42d, New York
 Bicalky Fan Co., Buffalo, N. Y.
 Brodie Mfg. Co., 52 Ellery, Brooklyn, N. Y.
 Brooklyn Ash Can Mfg. Co., 2196 Fulton, Brooklyn, N. Y.
 Brown Stamping Co., Toledo, O.
 Buhl Stamping Co., Detroit, Mich.
 Bushnell Tank Works, Bushnell, Ill.
 Butler Mfg. Co., 900 6th av, S. E. Minneapolis, Minn.
 Carman Mfg. Co., Columbus, Ohio
 Central Stamping Co. ("Puritan," "Giant," "Monitor," "Central"), 174 Fulton, New York
 Cincinnati Galvanizing Co. ("King" Corrugated), McMicken av & Tafel, Cincinnati, O.
 Cleveland Wire Spring Co., Cleveland, O.
 Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
 Dairymen's Mfg. Co., Bay, Jersey City, N. J.
 Decatur Cornice & Rfg. Co., New Decatur, Ala.
 De Zouche, Hanson & Co., 14 N 5th, Phila., Pa.
 Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.
 Dover Stamping & Mfg. Co. ("Dover" Galvanized Steel, also with Safety Coal Sieve), Cambridge, Mass.
 Ely & Williams Co., 257 B'way, New York
 Empire Tin Ware Co. (Ash), 29 So 5th, Brooklyn, N. Y.

Eureka Mower Co. ("Eureka"), 16 Hickory, Utica, N. Y.
 Federal Enam. & Stamping Co., Thompson & Chartiers, Pittsburgh, Pa.
 Fleck M., 119 E 131st, New York
 Gem Stamped Steel Co., Chelsea, Mass.
GEUDER, PAESCHKE & FREY CO. ("Cream City") Milwaukee, Wis.
See adv index at end of book
 Guarantee Ash Can Co., 203 E 101st, New York
 Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr & I. C. R. R., New Orleans, La.
 Henning Bros., 3924 Indiana av, Chicago, Ill.
 Hennessy Dennis, Syracuse, N. Y.
 Hill James Mfg. Co., 52 Westfield, Providence, R. I.
 Hygiea Can Co., cor Duane & Elm, New York
 Indestructible Ash Can Co., 495 Broome, New York
 Justrite Mfg. Co. ("Justrite" Sanitary), 2061 Southport av, Chicago, Ill.
 Kaiser Mfg. Co., 245 Pearl, New York
 Kelly Foundry & Machine Co., Goshen, Ind.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Kraft, A. C., 323 W. Lake, Chicago, Ill.
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 Lawson F. H. Co., Cincinnati, O.
 Lisk Mfg. Co. (Garbage only, "Lisk" Aluminum Galvanized), Canandaigua, N. Y.
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Mager & Newman Tinware Co., 71 Rutgers Slip, New York
 National Can Co., 36 Washington, North Boston, Mass.
 National Enameling & Stamping Co., 411 5th av, New York
 New England Enameling Co., Middletown, Conn.
 New York Standard Ash Can Mfg. Co., 436 E 10th, New York
 North Star Ash Can Co. (Engineers' Steel), 167 Chrystie, New York
 Ohio Galvanizing Mfg. Co. (Heavy), Niles, O.
 Pressed Steel Tank Co. (Seamless Pressed Steel), 58th & Greenfield av, Milwaukee, Wis.
 Republic Metalware Co., The, Buffalo, N. Y.
ROCHESTER CAN CO. ("Iron Horse" & Rubbish), Rochester, N. Y.
See adv index at end of book
 Schuler Chas. & Co., 15 Stuyvesant, New York
 Schwarz L. I., 357 W B'way, New York
 Sexton Can Co., 228 Franklin, Boston, Mass.
 Sharp Rotary Ash Receiver Co., Binghamton, N. Y.
 Simmons John Co., 110 Centre, New York
 Standard Mfg. Co., Corning, N. Y.
 Standard Mfg. Co., 41 Cortlandt, New York
 Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
 Steel Basket Co., Cedar Rapids, Ia.
 Stephenson C. H. ("Stephenson" Spiral Truss Ribbed), Lynn, Mass.

Success Mfg. Co. ("Success"), Gloucester, Mass.
 Vernier Mfg. Co., Cedar Rapids, Ia.
 Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, O.
 Whitaker-Glessner Co., Wheeling Corrugating Dept. (Galvanized), Wheeling, W. Va.
 Witt Cornice Co. (Corrugated), 2118 Winchell av, Cincinnati, O.
 Wotherspoon Jas. R., 238 N Front, Phila., Pa.

Cans (Benzine)

See Cans, Non-explosive

Cans (Cigar, Tin)

See Boxes, Tin, Cigar

1837—*Cans (Coffee, Spice, Etc.)

Johnson-Morse Can Co. (Coffee), Wheeling, W. Va.
 National Can Co., Detroit, Mich.
 Wheeling Can Co. (Coffee), Wheeling, W. Va.

1838— Cans (Comber)

Hill James Mfg. Co. (Galvanized Iron), 52 Westfield, Providence, R. I.

Cans (Condensed Milk)

See Cans, Tin

1839-40— Cans (Cordage)

Standard Fibre Co., Miller, Somerville, Mass.

1841-2— *Cans (Decorated)

See also Boxes & Cans, Litho. Metal
AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*

1843— Cans (Faucet)

Delphos Mfg. Co., 1st & Pierce, Delphos, O.
 Sexton Can Co. ("Hub," "Jacket," "Puritan," "Orient," "Victor"), 228 Franklin, Boston, Mass.
 Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.

1844— Cans (Fibre)

See also Cans, Paper

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
 Canister Co. of New Jersey (Tin Top & Bottom), Phillipsburg, N. J.
 Detroit Can Co., Russell & Trombley, Detroit, Mich.
 Detroit Paper Tube & Can Co., Ltd. (Tin Ends), 26 Griswold, Detroit, Mich.
 St. Louis Paper Can & Tube Corp'n, St. Louis, Mo.
 Standard Fibre Co., Miller, Somerville, Mass.

Cans (Garbage)

See Cans, Ash & Garbage.

WE ARE SPECIALISTS IN GALVANIZED IRON

ASH
 GARBAGE
 RUBBISH
 OILY WASTE
 STREET

CANS

IRON HORSE BRAND

PAILS
 BUCKETS
 BASKETS
 SIFTERS
 SCOOPS
 MEASURES



Trade Mark



Trade Mark

ROCHESTER CAN COMPANY

ROCHESTER, NEW YORK

Cans (Gasoline)

See Cans, Oil & Gasoline

1845— Cans (Gill Box)

Hill James Mfg. Co. ("I. X. X. X." Tin),
52 Westfield, Providence, R. I.
Standard Fibre Co., Miller, Somerville,
Mass.

1846— Cans (Gun Powder)

Peoria Can Co., Peoria, Ill.

1847— Cans (Ice)

Brunswick Refrigerating Co., New Brunswick, N. J.
Fouts C. C. Co., 650 Woodlawn av, Middletown, O.
Great Lakes Engineering Works, Detroit, Mich.
Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
North Star Ash Can Co., 167 Chrystie, New York
Ohio Galvanizing & Mfg. Co., Niles, O.
Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sterling Blower Co., Hartford, Conn.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Vogt Henry Machine Co., Louisville, Ky.
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

1848— Cans (Ice Cream)

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.

Bray & Kates Co., Arlington Heights, Ill.
Buhl Stamping Co., Detroit, Mich.
Dairymen's Mfg. Co. ("Sanitary"), Bay, Jersey City, N. J.
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Maag August Co., 509 W Lombard, Baltimore, Md.
North Star Ash Can Co., 167 Chrystie, New York
Rice & Adams, Buffalo, N. Y.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.
Sturges & Burn Mfg. Co., 508 S Green, Chicago, Ill.
White Mountain Freezer Co., Nashua, N. H.
Wright R. G. & Co., Buffalo, N. Y.

1849— *Cans (Jacket)

See also Cans, Shipping

AMERICAN CAN CO., 120 Broadway,
New York. *See adv index at end of book*

1850-1— Cans (Key)

American Key Can Co., 140 S Dearborn,
Chicago, Ill.

Cans (Lithographed)

See Boxes & Cans, Litho Metal

1852— Cans (Maple Syrup)

Franklinville Canning Co., Franklinville, N. Y.
Grimm G. H. ("Grimm"), Rutland, Vt.

1853—Cans (Medicinal & Toilet Preparation)

AMERICAN CAN CO., 120 Broadway,
New York. *See adv index at end of book*

Metal Package Co., 346 Carroll, Brooklyn, N. Y.
St. Louis Paper Can & Tube Corp'n (Fibre), St. Louis, Mo.

1854— Cans (Milk)

Blanke Mfg. & Supply Co., 3d & Washington av, St. Louis, Mo.
Bray & Kates Co., Arlington Heights, Ill.
Brown Stamping Co., Toledo, O.
Buckeye Aluminum Co. ("Real Solid" Aluminum with Bail or Handle), Wooster, O.
Buhl Stamping Co., Detroit, Mich.
Central Stamping Co. ("Puritan," Cans & Kettles), 172 Fulton, New York
Colonial Can Co., 120 Milk, Boston, Mass.
Dairymen's Mfg. Co. ("Sanitary"), Bay, Jersey City, N. J.
Dover Stamping & Mfg. Co., Cambridge, Mass.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
Keiner-Williams Stamping Co., Richmond Hill, N. Y.
Lalance & Grosjean Mfg. Co., 299 B'way, N. Y.
Lisk Mfg. Co. ("Lisk" Tin and Enamel), Canandaigua, N. Y.
Millar Chas. & Son Co., Utica, N. Y.
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.
National Enameling & Stamping Co., 411 5th av, New York
Oakes & Burger Co. ("Royal Dane," "Empire State" & "Union" Canadian or Western Pattern), Cattaraugus, N. Y.
Schlueter Mfg. Co., B'way & John av, St. Louis, Mo.
Sturges & Burn Mfg. Co., 508 S Green, Chicago, Ill.

TIN CANS—TIN AND FIBRE CANS

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OF ALL KINDS FOR ALL PURPOSES

We are the largest manufacturers of sheet metal containers in America, operating more than 50 factories in the United States and Canada. Our variety is the broadest and our output the largest

Fruit and Vegetable Cans. Meat, Lard and Fish Cans.
Tea, Coffee, Spice, Baking Powder, Cocoa Cans.
Syrup, Oil, Ink, Polish, Paint, Varnish Cans.
Cans for Medicinal and Toilet Preparations.
Shipping Cans, Tanks, Etc., Etc.

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AMERICAN CAN COMPANY

SAN FRANCISCO

CHICAGO

NEW YORK

PORTLAND, ORE.

MONTREAL

SEE LIST OF OTHER BRANCH OFFICES IN ADVERTISERS' INDEX AT END OF BOOK

1855— Cans (Milk Shipping)

Oakes & Burger Co. ("Royal Dane"),
Cattaraugus, N. Y.

1856— Cans (Miners' Oil)

GEM MFG. CO. (Brazen Steel), Goebel,
nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

Hardsocg Martin Co., 922 South av, Pitts-
burgh, Pa.

Kraft, A. C., 323 W Lake, Chicago, Ill.
St. Louis Tin & Sheet Metal Working Co.,
St. Louis, Mo.

1857— Cans (Non-Explosive)

Brown Stamping Co., Toledo, O.
Diener Geo. W. Mfg. Co., 400 Monticello
av, Chicago, Ill.

Golding Mfg. Co., Franklin, Mass.
Kraft A. C. (Safety), 323 W Lake, Chi-
cago, Ill.

Safety Fire Extinguisher Co., 291 7th av,
New York

Sexton Can Co. ("Sexton's" safety for
printers, etc), 228 Franklin, Boston,
Mass.

1858— Cans (Oil Pump)

Chapin R. E. Mfg. Works, Batavia, N. Y.
Cincinnati Can Co., 426 Culvert, Cincin-
nati, O.

Delphos Mfg. Co., First & Pierce, Delphos,
O.

Lisk Mfg. Co., Canandaigua, N. Y.
Maple City Mfg. Co. ("Howland"), Mon-
mouth, Ill.

National Enameling & Stamping Co., 411
5th av, New York

1859— Cans (Oil & Gasoline)

For Engineer's Oil Cans, See Oilers

Adams & Westlake Co., 319 W Ontario,
Chicago, Ill.

AMERICAN CAN CO., 120 Broadway,
New York. *See adv index at end of book*

Arrow Can Co. ("Arrow"), 170 B'way,
New York

Atlantic Stamping Co. ("Atlantic," 1 to
5 gallons, Spout Faucet, etc, for Kero-
sene & Gasoline), 156 Ames, Roches-
ter, N. Y.

Beman Automatic Oil Can Co. ("Beman"
Delivery), Meadville, Pa.

Blanke W. F. Can & Mfg. Co., 116 Pine,
St. Louis, Mo.

Boggs Auto Supply Co. ("Kup-Kan"), Ft.
Dodge, Ia.

Brown Stamping Co., Toledo, O.

Bumann Mfg. Co. ("Easy Flow"), Litch-
field, Ill.

Central Stamping Co. ("Puritan," Screw
Top, etc), 174 Fulton, New York

Chapin R. E. Mfg. Works (Galvanized
Household), Batavia, N. Y.

Cincinnati Can Co., 426 Culvert, Cincin-
nati, O.

Colonial Can Co., 120 Milk, Boston, Mass.

Columbia Can Co., Madison, 1st to 2nd,
St. Louis, Mo.

Conneaut Can Co. ("Red Hoop"), Con-
neaut, O.

Consolidated Fruit Jar Co., New Bruns-
wick, N. J.

Continental Can Co., Syracuse, N. Y.

Crunden Martin Mfg. Co. (Galvanized),
2nd & Gratiot, St. Louis, Mo.

Delphos Mfg. Co. ("Never Leak" & "Le-
gal" Spout & Auto Funnel Cans),
1st & Pierce, Delphos, O.

Deverall Perfection Mfg. Co. ("Deverall"),
Caton av, Brooklyn, N. Y.

Diener Geo. W. Mfg. Co. ("Protection,"
Non-Explosive), 400 Monticello av,
Chicago, Ill.

Dover Stamping & Mfg. Co. ("Acme,"
Family & "Dover," Auto, etc), Cam-
bridge, Mass.

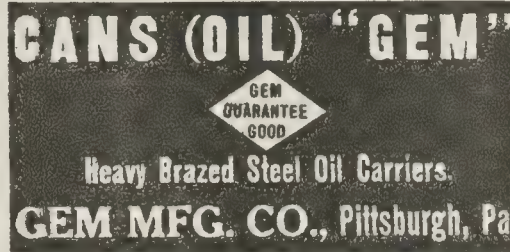
Dressel Railway Lamp Works (Steel for
Engineers, etc), 3860 Park av, New
York

Dunlap John Co. (Galvanized), Gregg,
Pittsburgh, Pa.

Eagle Glass & Mfg. Co. (Copper, Brass &
Steel), Wellsburg, W. Va.

GEM MFG. CO. ("Gem" Heavy Brazen
Steel Oil Carriers), Goebel, nr Fulton,
N. S. Pittsburgh, Pa.

See adv index at end of book



GEUDER, PAESCHKE & FREY CO.,
("Cream City," Anti-Leak, Galva-
nized), Milwaukee, Wis.

See adv index at end of book

Gray Peter & Sons, Inc. (Oil for Railroad
Use, etc), 286 Third, East Cambridge,
Mass.

Handlan-Buck Mfg. Co. (Railway, etc),
210-14 N. 3rd, St. Louis, Mo.

Harps J. A. Mfg. Co. ("Never Fail," for
Oil or Gasoline, for Household Use),
Greenfield, O.

Hunt & Dorman Mfg. Co., 1600 E 24th,
Cleveland, O.

Iddings Co. ("Auto" Galvanized Iron),
Warren, O.

Impervious Package Co. (Wood), Keene,
N. H.

Jackson J. W., Sharpsville, Pa.

Johnson Mfg. Co., Urbana, O.

Kiechler Mfg. Co., Wade & Denman, Cin-
cinnati, O.

Knapp Mfg. & Supply Co. (Oil Carriers)
241 Water, New York

Koven L. O. & Bro., 154 Ogden av, Jersey
City, N. J.

Kraft A. C., 323 W. Lake, Chicago, Ill.

Lalance & Grosjean Mfg. Co., 299 B'way
New York

Lisk Mfg. Co. ("Lisk" Spout or Faucet
etc), Canandaigua, N. Y.

Manufacturers' Can Co., 426 Mulberry,
Newark, N. J.

Maple City Mfg. Co. ("Standard," for
Gasoline & Kerosene, also "Howland"
Pump), Monmouth, Ill.

Meisselbach A. F. & Bro. ("One Drop")
29 Congress, Newark, N. J.

National Can Co. (For Castor, Olive &
Essential Oils), Detroit, Mich.

National Enameling & Stamping Co. ("Su-
perior," Screw Cap, Spout, Plain, etc),
411 5th av, New York

National Marine Lamp Co., Forestville
Conn.

Noera Mfg. Co. ("Noera"), Waterbury,
Conn.

Northwestern Stamping Co., Burlington
Ia.

Ohio Lantern Co. ("Baron" Resilient &
"Ohio" Glass Wire Cushioned, Kero-
sene Oil only), Tiffin, O.

Republic Metalware Co., The, Buffalo,
N. Y.

Rochester Can Co. ("Iron Horse"),
Rochester, N. Y.

See adv index at end of book

Rochester Stamping Co., Rochester, N. Y.

Rockford Brass Works, Rockford, Ill.

Roseland Can & Specialty Co. (Plain Tank
for Oil & Gasoline), Rockford, Ill.

St. Louis Metalware Co., 2507 N B'way,
St. Louis, Mo.

St. Louis Tin & Sheet Metal Working Co.
(Plain & Ornamental), St. Louis, Mo.

Schluter Mfg. Co., B'way & John av, St.
Louis, Mo.

Sexton Can Co. ("Sexton's" Spout & Screw
Cap, etc), 228 Franklin, Boston, Mass.

Standard Stamping Co., B'way & Cham-
bers, St. Louis, Mo.

Trethaway Bros. (Tin & Galvanized), Par-
sons, Pa.

Tongue R. E. & Bros. Co., Allegheny av
& Amber, Phila., Pa.

Troy Stamping Works, Troy, N. Y.

Union Furnace Mfg. Co., Union Furnace,
Pa.

Walters Mfg Co., Fulton bldg, Pittsburgh,
Pa.

Whitaker-Glessner Co., Wheeling Corru-
gating Dept. ("Crescent," "Wheeling,"
"Virginia," "No-Drip," Galv., with
Sprouts or Faucets), Wheeling, W. Va.

Winfield Mfg. Co., Warren, O.

1860-1 — Cans (Oil & Gasoline, Glass)

Ball Bros. Glass Mfg. Co. ("Dandy" Glass
Oil Cans), Muncie, Ind.

Ohio Lantern Co. ("Baron" Resilient &
"Ohio" Glass Wire Cushioned), Tiffin, O.

1862— Cans (Packers', Etc.)

AMERICAN CAN CO., 120 Broadway,
New York. *See adv index at end of book*

Atlantic Can Co., 2108-26 Boston, Balti-
more, Md.

Boyer W. W. & Co., 2327 Boston, Balti-
more, Md.

Boyle Can Co., Maryland Trust bldg, Bal-
timore, Md.

Columbia Specialty Co. (Plain & Decor-
ated), 1508 E Fayette, Baltimore, Md.

Continental Can Co., Syracuse, N. Y.

Heekin Can Co. (Lard), 6th, New & Cul-
vert, Cincinnati, O.

Johnson-Morse Can Co. (Lithographed &
Plain, Lard, Sanitary, etc), Wheeling,
W. Va.

National Enameling & Stamping Co., 411
5th av, New York

National Can Co., 121 N Caroline, Balti-
more, Md.

Peoria Can Co. (Sanitary, Self-Sealing),
Peoria, Ill.

Phelps Can Co. (Cap Hole & Vent Hole
Style), ft of Lawrence, Baltimore, Md.

Porter C. B. Co., 123 N 2nd, Phila., Pa.

St. Louis Paper Can & Tube Corporation
(Fibre), St. Louis, Mo.

Sanitary Can Co. (Enamel Lined, Plain,
etc), 120 B'way, New York

Southern Can Co., 717 S Wolfe, Baltimore,
Md.

Tyler Can Co., 1409 Eastern av, Balti-
more, Md.

United States Can Co. ("Standard" Sol-
der Hemmed, Sanitary Friction Top
& Wax Top), Norwood, Cincinnati, O.

Virginia Can Co. (Lock Seam), Buchanan,
Va.

Warren J. M. & Co., Troy, N. Y.

Wheeling Can Co. (Sanitary), Wheeling,
W. Va.

1863—Cans (Paint & Varnish)

AMERICAN CAN CO., 120 Broadway,
New York. *See adv index at end of book*

Columbia Can Co., Madison, 1st to 2d,
St. Louis, Mo.

Conneaut Can Co., Conneaut, O.

Continental Can Co., Syracuse, N. Y.

Dunlap Jno. Co., Gregg, Pittsburgh, Pa.

Empire Tin Ware Co. (Paint), 29 So 5th,
Brooklyn, N. Y.

Heekin Can Co., 6th, New & Culvert, Cin-
cinnati, O.

Manufacturers' Can Co. ("Peerless," "Tip-
Top"), 426 Mulberry, Newark, N. J.

NATIONAL CAN CO., Detroit, Mich.

New Can Co. (Patent Self-Closing), 326 A,
Boston, Mass.

Peoria Can Co. (Self-Sealing), Peoria, Ill.

1864— Cans (Paper)

See also Tubes, Mailing

AMERICAN CAN CO., 120 Broadway,
New York. *See adv index at end of book*

Chicago Mailing Tube Co., 425 S Hoyne
av, Chicago, Ill.

Chicago Paper Tube & Can Co., 168 N
May, Chicago, Ill.

Detroit Paper Tube & Can Co., Ltd., 26
Griswold, Detroit, Mich.

Empire Paper Tube & Box Co., 155 Bank,
New York

Improved Mailing Case Co., 309 B'way,
New York

Ritchie W. C. & Co., 400 S Green, Chicago,
Ill.

St. Louis Paper Can & Tube Corporation,
St. Louis, Mo.

Seeley Tube & Box Co., 344 Central av,
Newark, N. J.

Union Paper Co., 844 Washington, New
York

**When writing to firms listed
in this book please, mention
HENDRICKS'
COMMERCIAL RECISTER**

1865— Cans (Park Waste)

Steel Basket Co., Cedar Rapids, Ia.
Stephenson C. H. ("Stephenson"), Lynn, Mass.

1866—*Cans (Plain & Lithographic)

BERTELS W. B. & SON CO. (Special Designs—all kinds), Wilkes-Barre, Pa.

Cans (Pump)

See Cans, Oil Pump

1867—Cans (Refuse, Street & Park)

Majestic Co., Huntington, Ind.
Rochester Can Co., Rochester, N. Y.
See adv index at end of book

1868— Cans (Roving)

American Vulcanized Fibre Co. ("Laminar" Fibre & "Sullivan" Seamless Manila Fibre), 504 Equitable bldg, Wilmington, Del.

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

Diamond State Fibre Co. ("Laminar" Fibre & "Sullivan" Seamless Manila Fibre), Elsmere, Del.

Gem Stamped Steel Co., Chelsea, Mass.
Hill Jas. Mfg. Co. ("Vulcan" & "Hercules" Fibre & "Hill I.X.X.X." Tin), 52 Westfield, Providence, R. I.

Leatheroid Mfg. Co., Kennebunk, Me.
National Fibre & Insulation Co., Yorklyn, Del.

N. E. Ventilating & Heating Co., 926 Mantion av, Providence, R. I.

Spaulding J. & Sons Co. (Seamless Hard Fibre), North Rochester, N. H.
Standard Fibre Co. ("No Waste" Seamless Hard Fibre), Miller st, Somerville, Mass.

1868a— *Cans (Rubbish)

ROCHESTER CAN CO. (Also Street Rubbish), Rochester, N. Y.
See adv index at end of book

1869—Cans (Safety, Oil & Benzine)

See Cans, Non-Explosive

1870-1—Cans (Self-Sealing)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.

NATIONAL CAN CO., Detroit, Mich.
New Can Co., 326A, Boston, Mass.
Peoria Can Co. (Fruit), Peoria, Ill.
St. Louis Paper Can & Tube Corporation (Fibre), St. Louis, Mo.

1872—Cans (Shipping, Wood Jacket)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Arrow Can Co. ("Arrow"), 170 B'way, New York

Chapin R. E. Mfg. Works: Batavia, N. Y.
Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.

Conneaut Can Co. ("Red Hoof"), Conneaut, O.

Continental Can Co., Syracuse, N. Y.
National Can Co., 36 Washington No., Boston, Mass.

National Can Co., Detroit, Mich.
New Can Co. (Patent Self-Closing), 326A, Boston, Mass.

Roseland Can & Specialty Co. ("Reliable"), Rockford, Ill.
Sexton Can Co. ("Sexton's," also Boxed), 223 Franklin, Boston, Mass.

1873— Cans (Spray)

Dobson Wm., Canastota, N. Y.

1874—Cans (Street Cleaning)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
Arrow Can Co. ("Arrow"), 170 B'way, New York

Central Stamping Co., 172 Fulton, New York

Cleveland Wire Spring Co., Cleveland, O.
Ohio Galvanizing & Mfg. Co. (Sheet Steel), Niles, O.

Peoria Can Co., Peoria, Ill.
Rochester Can Co., Rochester, N. Y.
See adv index at end of book
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

1875— Cans (Tin)

(Lard, Grease, Paint, Varnish, Dry, Groceries, etc.)

See also Cans, Various Kinds, in index of Contents

See also Boxes & Cans, Litho Metal

AMERICAN CAN CO. (For all known purposes), 120 B'way, New York

See adv index at end of book

American Stopper Co., 19 Verona, Brooklyn, N. Y.

Atlantic Can Co. (Packers' Only), 2108-26 Boston, Baltimore, Md.

Bennett E. W. & Co., 2000 16th av, San Francisco, Cal.

Blanke W. F. Can & Mfg. Co., 116 Pine St. Louis, Mo.

Boyle Can Co., Maryland Trust bldg., Baltimore, Md.

Bray & Kates Co. (Creamery), Arlington Heights, Ill.

Brazil Stamping & Mfg. Co., Brazil, Ind.

Bredhoff & Grimley, 344 Front, San Francisco, Cal.

Brown Stamping Co., Toledo, O.

Buhl Stamping Co., Detroit, Mich.

Burns Jno. & Son, 19 Fulton, New York

Burrows Metal Mfg. Co. (Plain & Decorated), 521 W 23rd, New York

Canister Co. of New Jersey, Phillipsburg, N. J.

Chapin R. E. Mfg. Works: Batavia, N. Y.

Clark Geo. W., 252 Water, New York

Clark J. L. Mfg. Co. (Plain & Lithographed Druggists, etc.), Rockford, Ill.

Clines L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.

Coast Metal Wks., 180 Townsend, San Francisco, Cal.

Colonial Can Co., 120 Milk, Boston, Mass.

Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.

Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.

Conneaut Can Co. ("Red Hoop"), Conneaut, O.

Continental Can Co. (Fruit & Vegetable), Syracuse, N. Y.

Cream City Can Works, 241 Oregon, Milwaukee, Wis.

Delphos Mfg. Co. ("Lilac Oil"), 1st & Pierce, Delphos, O.

Excelsior Can Works, 281 Pearl, New York

Fallis Edwin, Lowell, Mich.

Franklinville Canning Co., Franklinville, N. Y.

Gordon-Lawless Co., Omaha, Neb.

Gotham Can Co., 60 Eagle, Brooklyn, N. Y.

Heekin Can Co. (Baking Powder, etc.), 6th, New & Calvert, Cincinnati, O.

Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.

Impervious Package Co., Keene, N. H.

Johnson-Morse (Lard, Coffee, Honey, etc., Plain and Lithographed), Wheeling, W. Va.

Johnson O. D. Stamping Works, Batavia, N. Y.

Kaiser Geo. J., 194 Duane, New York

Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.

Kraft A. C., 323 W. Lake, Chicago, Ill.

Lecomte & Co., Wolcott, Brooklyn, N. Y.

Los Angeles Can Co., Los Angeles, Cal.

Manufacturers Can Co., 426 Mulberry, Newark, N. J.

Mason Mfg. Co., 156 So Water, Providence, R. I.

Messenger H. B., Federalsburg, Md.

Metal Package Co. (Decorated), 346 Carroll, Brooklyn, N. Y.

National Can Co. (Packers', Syrup, etc.), Baltimore, Md.

National Can Co., 36 Wash'n N., Boston, Mass.

NATIONAL CAN CO., Detroit, Mich.

Neal W. H. & Son Co., Hurlock, Md.

New Can Co., 326A, Boston, Mass.

New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.

Peoria Can Co., Peoria, Ill.

Pheps Can Co., ft of Lawrence, Baltimore, Md.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Platt & Co., Inc. (Packers), Key Highway & Boyle, Baltimore, Md.

Porter C. B. Co., 128 N 2nd, Phila., Pa.

Republic Metalware Co. The, Buffalo, N. Y.

Roseland Can & Specialty Co., Rockford, Ill.

St. Louis Paper Can & Tube Corporation, St. Louis, Mo.

St. Louis Tin & Sheet Metal Working Co., St. Louis, Mo.

Sanitary Can Co. (Tomato, for Whole Tomatoes, etc), 120 B'way, New York

Sexton Can Co. (Benzine Safety, Boxed, Metallic, Jacket, Drug, Varnish, Grease, Aniline, Oyster & Screw Top & Slip Cover, etc), 228 Franklin, Boston, Mass.

Shalita Bros., 268 South, New York

Skat Mfg. Co., Hartford, Conn.

Southern Can Co. (Fruit, Syrups, etc), 717 S Wolfe, Baltimore, Md.

Steward L. & J. A., Rutland, Vt.

Stirrup Mfg. Co., 257 Greenwich, New York

Trench D. G. & Co., 222 N Wabash av, Chicago, Ill.

Troy Stamping Works, Troy, N. Y.

Tyler Can Co. (Packers' Cans Only), 1409 Eastern av, Baltimore, Md.

U. S. Can Co. (Packers, etc), Norwood, Cincinnati, O.

Virginia Can Co., Buchanan, Va.

Wallmann Mfg. Co., 283 5th av, Milwaukee, Wis.

Wheeling Can Co. (Grease), Wheeling, W. Va.

1876—*Cans (Tin, Fibre & Galvanized)

AMERICAN CAN CO., 120 Broadway, New York

See adv index at end of book

1877— Cans (Tin Fruit)

See also Cans, Packers, etc.

AMERICAN CAN CO., 120 B'way, New York. *See adv index at end of book*

Boyle Can Co., Maryland Trust bldg, Baltimore, Md.

Continental Can Co., Syracuse, N. Y.

Franklinville Canning Co., Franklinville, N. Y.

National Can Co., Detroit, Mich.

Peoria Can Co., Peoria, Ill.

1877a—*Cans (Tin, Oil & Grease, etc.)

BERTELS W. B. & SON CO., Wilkes-Barre, Pa.

1878— Cans (Vulcanizing)

Columbia Can Co., Madison, 1st to 2d, St. Louis, Mo.

1879— Cans (Waste)

AMERICAN CAN CO., 120 Broadway, New York

See adv index at end of book

Arrow Can Co. ("Arrow," Also "Arrow" Self-Closing), 170 B'way, New York

Atlantic Stamping Co. ("Atlantic," Galvanized Iron), 156 Ames, Rochester, N. Y.

Bushnell Tank Works, Bushnell, Ill.

Central Stamping Co. (Oily Waste), 174 Fulton, New York

Clark W. J. Co., Salem, O.

Cleveland Wire Spring Co. (Oily Waste, Sheet Metal), Cleveland, O.

Consolidated Fruit Jar Co., New Brunswick, N. J.

Continental Can Co., Syracuse, N. Y.

Diener Geo. W. Mfg. Co. ("Perfection" Oily Waste), 400 Monticello av, Chicago, Ill.

Dover Stamping & Mfg. Co. (Oily Rag & Waste Can), Cambridge, Mass.

Dressel Railway Lamp Works (Cans & Pails), 3860 Park av, New York

Ely & Williams Co. (Factory Waste & Rubbish), 257 B'way, New York

Harry Bros. Co. ("Harry's"), Carr & I. C. R. R., New Orleans, La.

Harry O. K. Steel Co., 2333 Papin, St. Louis, Mo.

Hill James Mfg. Co., 52 Westfield, Providence, R. I.

Iron Clad Mfg. Co., 178 Cook, Brooklyn, N. Y.

Justrite Mfg. Co. ("Justrite" Oily Waste), 2061 Southport av., Chicago, Ill.
 Kaiser Mfg. Co., 245 Pearl, New York
 Kelly Foundry & Machine Co., Goshen, Ind.
 Keys-Davis Co. ("Lock-Tite," Oily), Battle Creek, Mich.
 Koven L. O. & Bro. (Oily Waste), 154 Ogden av., Jersey City, N. J.
 Kraft A. C. ("Nacefas" Oily Waste), 323 W Lake, Chicago, Ill.
 Manufacturers' Can Co., 426 Mulberry, Newark, N. J.
 National Enameling & Stamping Co. (Oily Waste Paper, etc), 411 5th av., New York
 National Marine Lamp Co. (Oily Waste), Forestville, Conn.
 New Orleans Roofing & Metal Co. (Oily Waste), Cortez & Orleans, New Orleans, La.
 North Star Ash Can Co. (Oily Waste), 167 Chrystie, New York
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Rex-Harris Fire Appliance Co., 39 E 19th, New York
ROCHESTER CAN CO. ("Iron Horse," Oily Waste), Rochester, N. Y.
See adv index at end of book
 Roseland Can & Specialty Co. (Oily Rag & Waste), Rockford, Ill.
 Schluter Mfg. Co., B'way & John av., St. Louis, Mo.
 Sexton Can Co. ("Sexton's" Fireproof Oily Waste), 228 Franklin, Boston, Mass.
 Standard Fibre Co. ("Fibre"), Miller St., Somerville, Mass.
 Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
 Steel Basket Co. (Oily Waste), Cedar Rapids, Ia.
 Stephenson C. H. (Stephenson Always Closed, Fireproof), Lynn, Mass.
 Wall P. Mfg. Supply Co., 705 Preble av N S, Pittsburgh, Pa.
 Walters Mfg. Co. (Steel Brazed), Fulton bldg, Pittsburgh, Pa.
 Whitaker-Glessner Co., Wheeling Corrugating Dept. (Galvanized Waste), Wheeling, W. Va.
 Wilcox Engineering Co. (Self-Closing for Kitchen Use), 1525 Holland av., Saginaw, Mich.
 Wilson Andrew Co. (Oily Waste, Metallic), 616 Essex, Lawrence, Mass.
See adv index at end of book

Cans (Wood Jacket)

See Cans, Shipping, Wood Jacket

1880— Cant-Dogs

Peavey Mfg. Co. ("Peavy"), Bangor, Me.
 Stevens C. P., Franklin, N. H.
 Witham G. S. & Son, Caratunk, Me.

1880a— Canteens

Geuder, Paeschke & Frey Co., Milwaukee, Wis.
See adv index at end of book

1881— Canteens (Army)

Campbell A. S. Co. ("Cello"), 284 Commercial, Boston, Mass.
 Hemp & Co. ("Utility" Government), St. Louis, Mo.
 National Enameling & Stamping Co., 411 5th av., New York
 Troy Stamping Works, Troy, N. Y.
 Warren J. M. & Co. (Soldiers'), Troy, N. Y.

1882— Canteens (Miners')

Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
 Hardsocg Mfg. Co. (Match Box Canteens), Ottumwa, Ia.
 Peoria Can Co., Peoria, Ill.

1883— Cant Flippers (Steam)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Union Furnace Mfg. Co., Union Furnace, Pa.

1884— Canthooks

See also Tools, Logging & Lumberman's
 American Logging Tool Co., Evart, Mich.
 Atkins E. C. & Co., Indianapolis, Ind.
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Columbus Handle & Tool Co. ("Columbus"), Columbus, Ind.
 Dicke Tool Co., Downers Grove, Ill.
 Gerlach Peter Co., 1712 Winter, Cleveland, Ohio
 Keystone Drop Forge Co. (Drop Forged Steel), Chester, Pa.
 Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
 Oshkosh Mfg. Co., Oshkosh, Wis.
 Peavey Mfg. Co. ("Peavey," with Dog Nose, etc), Bangor, Me.
 Prouty C. & Co., Eldred, Pa.
 Sasgen Derrick Co., 3101 W Grand av., Chicago, Ill. *See adv index at end of book*
 Standard Saw Mill Machinery Co., Erie, Pa.
 Warren Axe & Tool Co., Warren, Pa.
 Williams Mfg. Co., Macon, Ga.

Capitals (Carved Wood)

See Carvers, Wood, Classic; also Columns, Porch, Etc.

1885— Capitals (Composition)

See also Ornaments, Composition
 Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.
 Decorators Supply Co. (Interior & Exterior), Archer av & Leo, Chicago, Ill.
 Detroit Column & Mfg. Co., Holden & M C, Detroit, Mich.
 Emmel Chas. & Rose Co. (Papier Mache Staff), 333 Albany, Boston, Mass.
 Harnisch Ad., Syracuse, N. Y.
 Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.
 Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.
 Spangler Frank Co., Toledo, O.

Capitals (Plaster)

See Ornaments, Plastic

1886-7—Cappers (Milk Bottle)

Abbott D. S. Co., Olean, N. Y.

1888—Caps (Automobile Radiator)

Atlantic Rubber Co., Linden, Boston, Mass.
 Baumann Rubber Co., New Haven, Conn.
 Davol Rubber Co., 69 Point, Providence, R. I.
 Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
 Goodrich B. F. Co., Akron, O.
 Gordon Tire & Rubber Co., Canton, O.

1889— Caps (Bathing)

Goodrich B. F. Co., Akron, O.
 Parker-Stearns & Co., 286 Sheffield, Brooklyn, N. Y.
 Rubber Products Co., Barberton, O.
 Star Rubber Co. ("Nepto," "Luna," "Veno"), Akron, O.

1890— Caps (Blasting)

ATLAS POWDER CO., 10th & Market, Wilmington, Del.
 Burton Powder Co. (Blasting), Pittsburgh, Pa.
du PONT E. I. de NEMOURS & CO ("du Pont" Electric, Delay & Waterproof Electric Blasting) (See also Blasting Supplies), Wilmington, Del.
For branch offices see adv index at end of book
HERCULES POWDER CO. ("Hercules," "California"), Wilmington, Del.
See adv index at end of book

1891—Caps (Bottle & Flask)

See also Corks, Crown
 Aluminum Container Corp., Fulton, N. Y.
 American Bottle Cap Mfg. Co., 53 E Illinois, Chicago, Ill.
AMERICAN CAN CO., 120 Broadway, New York *See adv index at end of book*
 Anchor Cap & Closure Corporation, 81 Prospect, Brooklyn, N. Y.
 Ball Bros. Glass Mfg. Co. (Metal, Screw), Muncie, Ind.
 Bernardin Bottle Cap Co. (Metal), Evansville, Ind.
 Consolidated Fruit Jar Co. (Screw, etc), New Brunswick, N. J.
 Crown Cap Mfg. Co., 151 33d, Brooklyn, N. Y.
 Crown Cork & Seal Co., 1511 Gullford av., Baltimore, Md.

Hazel Atlas Glass Co., Wheeling, W. Va.
 Interstate Bottle Stopper Co., 168 39th, Brooklyn, N. Y.
 National Metal Seal Corp., 60 Wall, New York
 Phoenix-Hermetic Co., 3720 14th av., Brooklyn, N. Y.
 Piqua Cap Co. (Milk Bottle), Piqua, O.
 Ray Geo. A. Mfg. Co. (All Copper Nickeled Plated), Buffalo, N. Y.
 Sayford Paper Specialty Co. (Paper), Vine-land, N. J.
 Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
 Star Seal Co., 55 Wall, New York
 Tuttle Press Co., Appleton, Wis.
 U. S. Metal Cap & Seal Co. ("Upressit" Metal), 107 W 13th, New York

1892— *Caps (Bronze)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

1893— Caps (Chimney)

Adams Co., Dubuque, Ia.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Chattanooga Roofing & Foundry Co. ("Ziegels"), Chattanooga, Tenn.
EDWARDS MFG. CO. (Steel), 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
 Globe Ventilator Co. ("Globe," For Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.
 Kramer Bros. Foundry Co. ("Gem" Adjustable Can Iron), Dayton, O.
 Loetscher-Ryan Mfg. Co. (Adjustable Clamp, etc), Dubuque, Ia.
 Munnsville Plow Co. (Cast Iron), Munnsville, N. Y.
 National Mfg. Co. ("Best"), Sterling, Ill.
 Scott Roofing & Mfg. Co. (Steel), 408 Culvert, Cincinnati, O.
 Standard Ventilator Co. (Revolving), Lewisburg, Pa.
 Sterling Foundry Co. ("Best"), Sterling, Ill.

1894—Caps (Color, for Incandescent Bulbs)

Betts & Betts Corp., 513 W 42d, New York

1895—*Caps (Electric Blasting)

HERCULES POWDER CO. ("Victor," Delay), Wilmington, Del.
See adv index at end of book

1896— Caps (Fruit Jar)

AMERICAN CAN CO. ("Sanicap" for Mason Fruit Jars), 120 Broadway, New York *See adv index at end of book*
 Ball Bros. Glass Mfg. Co. ("Boyd" Genuine), Muncie, Ind., & Wichita Falls, Texas
 Bernardin Bottle Cap Co., Evansville, Ind.
 Consolidated Fruit Jar Co., New Brunswick, N. J.
 Hazel Atlas Glass Co., Wheeling, W. Va.
 Mason Jar Glass Cap Co., Anderson, Ind.
 National Metal Seal Corp., 60 Wall, New York

1897— Caps (Fuse)

Bliss-Chester Co. (Enclosed), 31 Mathewson, Providence, R. I.
 Worcester Pressed Steel Co., Worcester, Mass.

Caps (Gun & Percussion)

See Ammunition Manufacturers

1898— Caps (Hitching Post)

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Munnsville Plow Co., Munnsville, N. Y.
 Wilcox, Crittenden & Co., Middletown, Conn.

1899— Caps (Hub)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
 Bossert Corporation, The, Utica, N. Y.
See adv index at end of book

Bowen Mfg. Co., 357 Canal, Auburn, N. Y.
 Buffalo Pressed Steel Co., 31 Lansing, Buffalo, N. Y.
 Crosby Co., 183 Pratt, Buffalo, N. Y.
 Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
 Gler Pressed Steel Co., Lansing, Mich.
 Globe Machine & Stamping Co. (Drawn Steel), 1250 W 76th, Cleveland, O.
 Hartford Machine Screw Co., Hartford, Conn.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Hayward S. F. & Co., 250 W 54th, New York
 Imperial Brass Mfg. Co. (Aluminum & Brass), 524 S Racine av, Chicago, Ill.
See adv index at end of book
 Ireland & Matthews Mfg. Co., Detroit, Mich.
 Konigsow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
 Manhattan Brass Co., 333 E 26th, New York
 Matthews H. A. Mfg. Co., Seymour, Conn.
 Murdock Reed Co., 127 Federal, Boston, Mass.
 Schweppe & Wilt Mfg. Co., Detroit, Mich.
 Torrey Roller Bushing Works, Bathe, Me.
 Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
 Wiener-Barnet Co., 328 Adams, Newark, N. J.
 Worcester Pressed Steel Co., Worcester, Mass.

1900—Caps (I-Beam & Plank)

Yost G. M. Mfg. Co. (Cast Steel for Protecting Steel Piling, etc., When Driving Into Ground), Meadville, Pa.

1901— Caps (Jelly Glass)

Hazel Atlas Glass Co. (Stamped Metal, Aluminum Zinc & Tin), Wheeling, W. Va.
 National Metal Seal Corp., 60 Wall, New York
 Ohio Lantern Co. (Tin), Tiffin, O.

1902— Caps (Milk Bottle)

Art Products Co., 185 Devonshire, Boston, Mass.
 Chicago Car Seal Co., 364 N Green, Chicago, Ill.
 Crown Cork & Seal Co. ("Dacro"), 1511 Guilford av, Baltimore, Md.
 Dairymen's Supply Co., 1919 Market, Phila., Pa.
 Dorsey Mfg. Co. ("Dorsey" Milk Bottle Covers), 39 Pearl, Boston, Mass.
 Duren & Co., 34 Summer, Boston, Mass.
 Hagerstown Cap Co., Hagerstown, Md.
 Ivor Glass Co., Columbus, O.
 Pa Pro Co., Lowville, N. Y.
 Piqua Cap Co., Piqua, O.
 Spahr Mfg. Co. ("Helpmate" Tops), 1423 Vine, Phila., Pa.
 Summers Wm. Co., Piqua, O.
 Thatcher Mfg. Co., Elmira, N. Y.

1903— Caps (Miners')

Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.
 Hardsocg Mfg. Co., Ottumwa, Ia.
 Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.
 Jones T. R. Co. ("Black Diamond"), Wilkesbarre, Pa.

1904— Caps (Pile)

Vulcan Iron Works ("Casgrain," for Driving), 327 No Irving av, Chicago, Ill.

1905— Caps (Pipe)

Belcher & Loomis Hardware Co. ("Boss"), 89 Weybosset, Providence, R. I.
 General Fire Extinguisher Co., Providence, R. I.
 Gillette-Vibber Co., New London, Conn.
 Illinois Malleable Iron Co., 1801 Diversey bldg, Chicago, Ill.
See adv index at end of book
 Jarecki Mfg. Co., Erie, Pa.
 LUNKENHEIMER CO. (Brass), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 McRAE & ROBERTS CO. (Brass), 227 Campbell av, Detroit, Mich.
See adv index at end of book

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 National Tube Co. (Cast & Mall. Iron & Brass), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Newbury J. H., Goshen, N. Y.
 Powell Wm. Co., Cincinnati, O.
 Rockwood Sprinkler Co. ("Rockwood Pressed Steel"), Worcester, Mass.

Caps (Pole)

See Straps, Pole

1906— Caps (Roofing, Tin)

AMERICAN CAN CO., 120 Broadway, New York
See adv index at end of book
 Ammidon & Co., 31 S Frederick, Baltimore, Md.
 Barrett Co., 17 Battery pl, New York
 Carey Philip Mfg. Co. ("Carey"), 330 Wayne av, Lockland, Cincinnati, O.
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
 Consolidated Fruit Jar Co., New Brunswick, N. J.
 Franklinville Canning Co., Franklinville, N. Y.
 Grammes L. F. & Sons, Allentown, Pa.
 Horan Stay Hanger Co. (Also Galvanized), 1932 W Jefferson, Louisville, Ky.
 Humphrey H. W., Unionville, Conn.
 Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y., & Newark, N. J.
 Merwin Mfg. Co. (Galvanized), Erie, Pa.
 National Can Co., Detroit, Mich.
 National Enameling & Stamping Co., 411 5th av, New York
 Robertson W. F. Iron & Steel Co., Elm & Commerce, Cincinnati, O.
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
 Waterloo Mfg. Co. (Galv.), Waterloo, Ia.
 Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.

1907— Caps (Screw)

Aluminum Container Corp. (Aluminum), Fulton, New York
 Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
 AMERICAN CAN CO., 120 Broadway, New York.
See adv index at end of book
 Ball Bros. Glass Mfg. Co. (Bottle & Can, Metal), Muncie, Ind.
 Bernardin Bottle Cap Co. (Retinned Bottle Screw Caps), Evansville, Ind.
 Columbia Specialty Co., 1508 E Fayette, Baltimore, Md.
 Delphos Mfg. Co., 1st & Pierce, Delphos, O.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
 Franklinville Canning Co., Franklinville, N. Y.
 Hero Mfg. Co. (Aluminum), Gaul & Adams, Phila., Pa.
 Keystone Lantern Co., Tacony & Cottman, Phila., Pa.
 St. Louis Paper Can & Tube Corporation (Tin), St. Louis, Mo.

1908— Caps (Ventilating)

Hammann Wm. (Automatic Double Cone), 1057 5th, Milwaukee, Wis.
 Hoffmann & Baur ("Columbia"), 279 Lake, Milwaukee, Wis.
 Miller Foundry & Specialty Co. ("Climax," "Tip Top"), N Tonawanda, N. Y.
 Walker Sheet Metal Co., Council Bluffs, Ia.
 Wolverine Brass Works, Grand Rapids, Mich.

1909— *Caps (Waterproof)

HERCULES POWDER CO., Wilmington, Del.
See adv index at end of book

1910— Caps (Wooden)

Estes E. B. & Sons (Corks, Bottles, Can Sprouts, etc.), 358 5th av, New York
See adv index at end of book
 Gravely B. S. & R. R. (For Steel Pins), Martinsville, Va.

1911— Capstans

American Engineering Co. (Steam & Electric), Aramingo av & Cumberland, Phila., Pa.
 Chase Machine Co. (Steam), Cleveland, O.

Dake Engine Co., Grand Haven, Mich.
 Edson Mfg. Co. ("Edson" Hand Power), 257 Atlantic av, Boston, Mass.
 Flory S. Mfg. Co. (Steam or Electric), Bangor, Pa.
 Hyde Windlass Co. (Electric), Bath, Me.
 LIDGERWOOD MFG. CO. (Electric), 96 Liberty, New York
See adv index at end of book
 Long E. G. Co., 50 Church, New York
 Marine Iron Works, 2036 Dominick, Chicago, Ill.
 Russell Albert & Sons, Newburyport, Mass.
 Swenson Grubber Co. (House Moving, etc), Cresco, Ia.
 Wilcox, Crittenden & Co. ("Victor" & "Navy"), Middletown, Conn.
 Woodstock Mfg. Co. (Wooden), Charleston, S. C.

1912—Capstans (Cable Pulling)

Hallett Iron Works, Harvey, Ill.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Swenson Grubber Co., Cresco, Ia.

Car Builders

See Cars of Various Kinds

1913—Car Builders' Earthenware

Bellmark Co., Trenton, N. J.

1914— Car Ceilings

Frost's Veneer Seating Co., Ltd., Sheboygan, Wis.
 N. Y. Veneer Seating Co., 171 Pacific av, Jersey City, N. J.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Van Dyck Panel Mfg. Co. (Wood & Pulp), Bound Brook, N. J.
 Vulcanized Products Co. ("Gohmak" Wood Pulp), Muskegon, Mich.
 Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

1915—Car Chutes (Unloading)

Littleford Bros., 444 E. Pearl, Cincinnati, O.
 Quick Unloading Car Chute Co., Birmingham, Ala.
 Southern Foundry Co. (Quick Unloading of Coal, Broken Stone, etc), Owensboro, Ky.

1916—Car Curtains & Materials

ATLANTA TENT, AWNING & MFG. CO., Atlanta, Ga.
 Boston Artificial Leather Co. ("Morocco-line"), Stamford, Conn.
 Boyle Jno. & Co. (Cotton Duck & Curtain Stripe), 112 Duane, New York
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Chase L. C. & Co., 89 Franklin, Boston, Mass.
See adv index at end of book
 Curtain Supply Co., 320 W Ohio, Chicago, Ill.
 Dayton Mfg. Co., Dayton, O.
 Lewis Robt. Co., Richmond & Brill, Phila., Pa.
 National Lock Washer Co. (Complete Curtains & Fixtures), 63 Johnson, Newark, N. J.
 Pantasote Leather Co., 11 B'way, New York
 Railway Supply & Curtain Co. (Car Curtains & Fixtures), 618 S Canal, Chicago, Ill.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Sillocks-Miller Co. ("Texodren" Car Shades), S Orange, N. J.

1917— Car Doors & Fittings

See also Doors, Grain

Acme Supply Co. ("Anti-Pinch"), 28 E Jackson bldg, Chicago, Ill.
 Brill J. G. Co., 62d & Woodland, Philadelphia, Pa.
 Camel Co. (Security), 332 S Michigan av, Chicago, Ill.
 Chicago Car Door Co., McCormick bldg, Chicago, Ill.
 DAHLSTROM METALLIC DOOR CO. (Fireproof Steel Car Doors), 35 Blackstone av, Jamestown, N. Y., & 299 B'way, New York.
See adv index at end of book

Edwards O. M. Co. (Extension Platform Trap Doors), Syracuse, N. Y.
 Jones Car Door Co. ("Jones," "Jones Peerless," "Smith"), Monadnock blk, Chicago, Ill.
 Pitt Car Gate Co. (Gibbs Vestibule Door Operating Devices), 219 W 26th, New York
 Pressed Steel Car Co. (Tank, Car Fittings, Box & Stock Car Doors), 307 5th av, Pittsburgh, Pa.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Sherburne & Co. (Car Door Holders, etc), 53 Oliver, Boston, Mass.
 Wallace Supplies Mfg. Co. ("Duplex" all Bearing Fixtures for Double Car Doors), 412 Orleans, Chicago, Ill.
 Western Railway Equipment Co. ("St. Louis" & "Western," Flush; "Hoerr" & "Missouri," Interchangeable), Central Nat'l Bk bldg, St. Louis, Mo.
 Western Steel Car & Foundry Co. (Tank Car Fittings, Box & Stock Car Doors), 37 W Van Buren, Chicago, Ill.

1918— Car Dumpers

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Brown Hoisting Machinery Co., 4403 St. Claire av, N E, Cleveland, O.
See adv index at end of book
 Browning Co., Cleveland, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 McMyler-Interstate Co., Bedford, O.
 Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

1919—Car Fenders & Wheel Guards

Baltimore Car-Wheel Co. ("Blackstone"), Fulton Station, Baltimore, Md.
 Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
 Cleveland Fare Box Co. ("Cleveland"), 5318 St. Clair av, Cleveland, O.
 Consolidated Car Fender Co. ("Providence," Fender & Wheel Guard), Vale, Providence, R. I.
 Eclipse Railway Supply Co. ("Eclipse," Life Guard), E 49th & Luther, Cleveland, O.
 Lord Mfg. Co., 105 W 40th, New York
 McGuire-Cummings Mfg. Co. ("Royal Flush" Fender), Harris Trust & Savings bldg, Chicago, Ill.
 Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Parmenter Fender & Wheel Guard Co. ("Parmenter," Fender & Wheel Guard), 89 State, Boston, Mass.
 Root Spring Scraper Co., Kalamazoo, Mich.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Snow Wire Works Co., Rochester, N. Y.

1920— Car Gates & Guards

Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
 Jewett Car Co. ("Jewett"), Newark, O.
 Inglis Wm. Wire & Iron Wks., 61 Woodbridge, Detroit, Mich.
 Pitt Car Gate Co., 219 W 26th, New York
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Smith-Wallace Corp. ("Sargent"), Woburn, Mass.

1921— Car Lighting Apparatus

Commercial Acetylene Co. (Acetylene), 80 B'way, New York
 Consolidated Ry. Elec. Lighting & Equipment Co., 11 Pine, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Gold Car Heating & Lighting Co. (Acetylene, etc), 17 Battery pl, New York
 Gould Coupler Co. (Electric Axle Light, etc), 30 E 42nd, New York
 Safety Car Heating & Lighting Co. ("Pintsch" Light & Electric), 2 Rector, New York
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 United States Light & Heat Corp. ("U. S. L." Electric System), Niagara Falls, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

1922— *Car Lining

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 533 Brisbane blvd, Buffalo, N. Y.
See adv index at end of book

1923—Car Movers or Pushers

See also Bars, Pinch

Aldon Co. ("Sheldon"), 3338 W Ravenswood av, Chicago, Ill.
 Appleton Car Mover Co. ("Atlas"), Appleton, Wis.
 Atha Tool Co. (Car Starters), Chapel, Newark, N. J.
 Atkins E. C. & Co. ("Atkins A. A. A."), Indianapolis, Ind.
 Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Handlan-Buck Mfg. Co. ("Victor"), 210-14 N 3rd, St. Louis Mo.
 Hiltz Wrench & Mfg. Co. ("Never-Slip"), Richford, N. Y.
 Industrial Supply & Equipment Co., 407 Sanson, Phila., Pa.
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.
 Marseilles Co. ("Sanson," "Hercules," Power Car Pullers), East Moline, Ill.
 Michigan Truck & Lumber Co., Holly, Mich.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Oshkosh Mfg. Co. ("Badger," "Never Slip"), Oshkosh, Wis.
 Rowell G. D. & Son, Appleton, Wis.
 Stafford E. H. Mfg. Co. ("Easy"), 218 S Wabash av, Chicago, Ill.
 Stephens-Adamson Mfg. Co. ("Sheldon"), Aurora, Ill.
 Verona Tool Works (Car Pushers or Locomotive Pinch Bars), Oliver bldg, Pittsburgh, Pa.
Webster Mfg. Co. ("Sheldon"), Tiffin, O.
 Zelnicker Walter A. Supply Co. ("Zelnicker," Double Clutch Car Mover), 325 Locust, St. Louis, Mo.

1924—Car Parts (Of Every Description)

American Car & Foundry Co., Syndicate Trust bldg, S. Louis, Mo.

1925— Car Plush

Chase L. C. & Co. ("Goat Brand" Mohair Velvets), 89 Franklin, Boston, Mass.
See adv index at end of book
 Collins & Aikman Co., 4675 Nixon, Phila., Pa.
 Goff D. & Sons (Mohair), Pawtucket, R. I.
 Massachusetts Mohair Plush Co. (Mohair), 200 Devonshire, Boston, Mass.
 Sanford Mills, Sanford, Me.

Car Pushers

See Car Movers or Pushers

1926— *Car Repair Work

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

1927— *Car Seats

DAHLSTROM METALLIC DOOR CO. (Pressed Steel Seat Ends), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

1928—Car Seats, Chairs & Fittings

American Seating Co., 14 E Jackson blvd, Chicago, Ill.
 Barney & Smith Car Co. (Seating, etc), Dayton, O.
 Dayton Mfg. Co., Dayton, O.
 Hale & Kilburn Co. ("Walkover"), 1800 Lehigh av, Phila., Pa.
 Heywood Bros. & Wakefield Co. (Seats, etc), Gardner, Mass.
 Jewett Car Co. (Fittings Only), Newark, O.
 New York Veneer Seating Co. (Veneered Seats & Chairs), 171 Pacific av, Jersey City, N. J.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Southern Seating & Cabinet Co. (Station Seats Only), Jackson, Tenn.

1929— Car Steps & Treads

See also Stair Treads

For Rubber Treads, See Mats & Matting Rubber
 Acme Supply Co. ("Kass"), 28 E Jackson blvd, Chicago, Ill.
 American Mason Safety Tread Co. ("Mason" & "Stanwood"), Boston, Mass.
 Blake Car Step Works ("Blake" Extension), Charlotte, N. C.
 Jewett Car Co. (Car Steps Only), Newark, O.
 Universal Safety Tread Co., Waltham, Mass.

1930— Car Trimmings

See also Car Curtains & Materials

Adams & Westlake Co. (Metal Coach), 319 W Ontario, Chicago, Ill.
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Columbia Machine Works & Malleable Iron Co. (Metal), Atlantic av & Chestnut, Brooklyn, N. Y.
 Creamer W. G. & Co. (Also Trolley Car Trimmings), 96 John, New York
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
 Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. & Conrd., Wilmington, Del.
 Dayton Mfg. Co. (Brass & Bronze), Dayton, O.
 Edwards O. M. Co., Syracuse, N. Y.
 Halstead & Co. (Brass), 1129 Cherry, Phila., Pa.
 Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
 Howard Jas. L. & Co. (Metal), Hartford, Conn.
 International Register Co., 15 Throop, Chicago, Ill.
 Ives H. B. Co., New Haven, Conn.
 Jewett Car Co. (Brass & Bronze), Newark, O.
 Johnson Bronze Co. (Brass & Bronze), New Castle, Pa.
 Loeffelholz Co. (Brass), Milwaukee, Wis.
 Midland Metal Co. (Brass & Bronze), 21st & Jefferson, Phila., Pa.
 Recording Register & Fare Box Co., New Haven, Conn.
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
 Scullin Steel Co. (Cast Steel for Freight Cars), 6700 Manchester av, St. Louis, Mo.
 Sherburne & Co., 53 Oliver, Boston, Mass.
 Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

1931—Car Truck Side Frames

Bettendorf Co. (Cast Steel for Freight Cars), Bettendorf, Ia.
 Brill J. G. Co., 62d & Woodland, Phila., Pa.
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.

1932—Car Truck & Body Bolsters

American Bridge Co. (Car Bolsters), 30 Church, New York
 American Car & Foundry Co., Syndicate Tr. bldg, St. Louis, Mo.
 American Steel Foundries (Open Hearth Cast Steel), McCormick bldg., Chicago, Ill.
 Bettendorf Co. (Trucks & Cast Steel Bolsters), Bettendorf, Ia.
 Brill J. G. Co., 62d & Woodland, Phila., Pa.
 Buckeye Steel Casting Co. (Cast Steel), Columbus, O.
 Chicago Railway Equipment Co. ("Monitor"), 1928 W 46th, Chicago, Ill.
 Commonwealth Steel Co. (Cast Steel), Pierce bldg., St. Louis, Mo.
 Gould Coupler Co. ("Crown"), 30 E 42nd, New York
 Jewett Car Co., Newark, O.
 Niagara Forged Steel Co., Buffalo, N. Y.
 Pittsburgh Steel Foundry (Open Hearth Steel, Car Bolsters), House bldg, Pittsburgh, Pa.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
 Scullin Steel Co. (Cast Steel), 6700 Manchester av, St. Louis, Mo.
 Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

1933—Car Window Fixtures

Brill J. G. Co., 62d & Woodland, Phila., Pa.
 Edwards O. M. Co. ("Paownyc"), Syracuse, N. Y.
 Ives H. B. Co., New Haven, Conn.
 McCord Mfg. Co. ("Universal"), Detroit, Mich.

1934—Car Window Washers (Electric Portable)

Coates Clipper Mfg. Co., Worcester, Mass.

1935—Carbanese (Iron Purifier)

Midvale Mining & Mfg. Co., Central Nat'l Bk. bldg, St. Louis, Mo.

Carbide Mfrs.

See Calcium Carbide

1936—*Carbolineum Importers

Carbolineum Importing Co., 90 Wall, New York
 Northeastern Co., 6 Beacon, Boston, Mass.

1937—Carbon Bi-Sulphide

Fuerst Bros. & Co. (Imported), 2 Stone, New York
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
 National Gum & Mica Co., 59th & 11th av, New York
 Scheel Wm. H. (Imported), 159 Maiden la, New York
 Speaight Geo. W., 243 N 10th, Brooklyn, N. Y.
 Taylor Edw. R. Co. (In Drums), Penn Yan, N. Y.
 Warda John C. & Co. (Also Prepared), 273 Greene, Brooklyn, N. Y.
 Wheeler, Reynolds & Stauffer, 624 California, San Francisco, Cal.

1937a—Carbon (Black Diamonds & Bortz)

Acme Diamond Tool Co., 56 Liberty, New York
 Atkins, Kroll & Co., 311 California, San Francisco, Cal.
 Bandler Bernard & Sons (For Diamond Drills & All Mechanical Purposes), 220 5th av, New York
 Baszanger J. & Co. (Also Rough Diamonds), 65 Nassau, New York
 Byron & Hall, 116 Broad, New York
 Crafts Arthur A., 125 Summer, Boston, Mass.
 Dessau D., 180 B'way, New York
 Dessau Maurice S. (For Mechanical Purposes), 6 Maiden la, New York

Est. 1875

CARBON (Black Diamonds) & BORTZ

For Diamond Drills and
 All Mechanical Purposes

S. DESSAU'S SON

180 Broadway New York

Diamond Drill Carbon Co., 63 Park row, New York
 Dickinson Thos. L., 64 Nassau, New York
 Francis & Co., Hartford, Conn.
 Levine Abram, 35 Nassau, New York
 Mendes Cutting Factories, 14 John, New York
 Meyers Willard F. Machine Co. (Or African Diamonds), 614 Hamilton, Astoria, N. Y.
 Rose S., 23 Maiden lane, New York
 Rose S. Co., 12 John, New York
 Stern Bros. & Co., 136 W 52d, New York
 Wheel Truing Tool Co., Detroit, Mich.

1938—Carbon Black Mfrs.

Binney & Smith Co. (& Blacks of Every Description), 81 Fulton, New York
 Cabot Godfrey L., Old South bldg, Boston, Mass.
 Columbian Carbon Co., Weston, W. Va.
 Hyde Carbon Black Co., Ridgway, Pa.

Imperial Oil & Gas Products Co., Harrisville, W. Va.
 Martin L. Co. ("Sunset," "New Century"), 81 Fulton, New York
 Morrill Geo. H. Co., 155 Pearl, Boston, Mass.
 Osborn C. J. Co., 132 Nassau, New York
 Peerless Carbon Black Co., 1st National Bank bldg, Pittsburgh, Pa.
 Rock Run Carbon Co., Warren, O.
 Scheel Wm. H. (Imported), 159 Maiden la, New York
 Seaver & Co., 120 Milk, Boston, Mass.
 Smith J. Lee & Co., 19 Jacob, New York
 Southern Carbon Co., Warren, O.
 Weston Carbon Co., Warren, Pa.

1939—Carbon Mfrs.

Acheson Graphite Co. (Pure), Niagara Falls, N. Y.
 Corliss Carbon Co., Bradford, Pa.
 Elk Graphite Milling Co., St. Marys, Pa.
 National Carbon Co., Cleveland, Ohio

1940—Carbon (Manganese Dioxide)

Gilchrist Robt. Co. (Ground), Elizabeth, N. J.

1941—Carbon Removers

Adams & Elting Co. ("Ad-el-ite"), 724 W Washington blvd, Chicago, Ill.
 Ansonia Mfg. Co., Ansonia, Conn.
 Beckley-Ralston Co. ("Carbosolvent"), 1801 S Michigan av, Chicago, Ill.
 Bishop-Babcock-Becker Co. ("Eureka" Oxygen Decarbonizing Device), Cleveland, O.
 Chicago Automobile Supply House ("Chicago" Liquid), 1351 S Michigan av, Chicago, Ill.
 Detroit White Lead Works ("Rogers"), Detroit, Mich.
 Diamond Specialty Co. ("Diamond"), Indianapolis, Ind.
 Dyer G. H. Co., Cambridge, Mass.
 Economy Welding Machine Co., Kansas City, Mo.
 Gibson Co., 424 N Capitol blvd, Indianapolis, Ind.
 Hall-Thompson Co. ("Wonder Worker" & "Magic Decarbonizer"), Hartford, Conn.
 Harvey Chemical Co. ("Harvey" Chemical), Lafayette, Ind.
 Johnson S. C. & Son, Racine, Wis.
 Lakewood Chemical Co. ("Autopower"), Schofield bldg, Cleveland, O.
 Linde Air Products Co., 42d St Bldg, New York. See adv index at end of book
 Michener E. S., 80 E Washington, New Castle, Pa.
 Milwaukee Auto Specialty Co. ("Decarbonizer," "Masco," "Liquid"), 711 Chestnut, Milwaukee, Wis.
 Motor Car Supply Co. ("M. S. C."), 1453 Michigan av, Chicago, Ill.
 Northwestern Chemical Co. ("Carbonox"), Marietta, O.
 Panama Oil & Grease Co. ("Wheatley"), 159 W 51st, New York
 Prest-o-Lite Co. ("Prest-o"), Indianapolis, Ind.
 Thomas Carbon Remover Co., 15 Railroad, Cortland, N. Y.
 Van Tilburg Oil Co. ("Car-Bon-Go"), 2428 University av S E, Minneapolis, Minn.
 Worko Co., 125 Winslow, Racine, Wis.

1942—Carbon Tetrachloride

Dow Chemical Co., Midland, Mich.
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York
 National Aniline & Chemical Co., 100 William, New York
 Niagara Alkali Company, Niagara Falls, N. Y.
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Speaight Geo. W., 243 N 10th, Brooklyn, N. Y.
 Warner Chemical Co. (Non-Inflammable Solvent), 52 Vanderbilt av, New York

1943—Carbonate of Ammonia

American Agricultural Chemical Co., 2 Rector, New York

1944—Carbonate of Barytes

See also Barytes

Doggett Stanley, 11 Cliff, New York
 Gabriel & Schall (Pure Precipitated), 205 Pearl, New York

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York

1945—Carbonate of Copper

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Wiarda John C. & Co. (Precipitated, Dry & Plaster), 273 Greene, Brooklyn, N. Y.

1946—Carbonate of Iron

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

1947—Carbonate of Lime

Mitchell Lime Co., Mitchell, Ind.
 Security Cement & Lime Co., Hagerstown, Md.

1948—Carbonate of Magnesium

American Insulation Co., Roberts av & Stokley, Phila., Pa.
 See adv index at end of book
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
 McKesson & Robbins (Imp.), 91 Fulton, New York
 Scheel Wm. H. (Imported), 159 Maiden la, New York

1949—Carbonate of Nickel

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

1950—Carbonate of Potash

Bird J. A. & W. & Co. (Imp. "Bull's Head" Brand), 88 Pearl, Boston, Mass.
 Harshaw, Fuller & Goodwin (Imported), Electric bldg, Cleveland, O.
INNES, SPEIDEN & CO., INC. (Calcined, All Tests), 46 Cliff, New York
 See adv index at end of book
 Peters, White & Co. (Importers), 55 John, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

Carbonate of Soda

See Sal-Soda

1951—Carbonation or Saturation Plants

Dyer Co., Cleveland, O.
 Kilby Mfg. Co., Cleveland, O.

1952—Carbonators

American Soda Fountain Co., 282 Congress, Boston, Mass.
 Bastian-Blessing Co., 125 W Austin av, Chicago, Ill.
 Bishop-Babcock-Becker Co. ("Eureka," "Champion" Electric, Hydraulic, etc), Cleveland, O.
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
 Interstate Machinery Co., Troy, N. Y.
 Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
 McCahill Soda Fountain Co., 256 W 23d, New York
 Pacific Carbonator Co., 133 W 24th, New York
 Twitchell S. Co. ("Washington," "President"), 223 Vine, Phila., Pa.

1953—Carbonizing

American Metal Treatment Co., Elizabeth, N. J.
 Century Steel Co. of Am., 120 B'way, New York
 Kohler Die & Specialty Co., De Kalb, Ill.
 Meisel Press Mfg. Co. (Steel), 942 Dorchester av, Boston, Mass.
 Reliance Engineering Co., Lansing, Mich.
 Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.
 Vincent Steel Process Co., 751 Bellevue av, Detroit, Mich.
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

1954— Carbonizing (Steel)

See Carbonizing

1955— Carbons (Arc Light)

Frørup L. E. & Co. ("Siemens," Flame, Projector, Headlight, Imported Carbons), 232 Greenwich, New York

GENERAL ELECTRIC CO., Schenectady, N. Y. See *adv index at end of book*

Hirschberg H. M. Co. ("Plania," sole Importers), 1451 B'way, New York
Kandem Electric Co. (Imp), 58 Reade, New York

Kiewert Chas. L. Co. ("Siemens," Importers), 114 Huron, Milwaukee, Wis.
National Carbon Co. ("Columbia," "Headlight," "Silvertip Projector," "Regenerative Flaming," "Silvertip Flame"), Cleveland, O.

Reisinger Hugo ("Excello" Flaming Arc, "Electra," "Nuerberg," Importers), 11 B'way, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See *adv index at end of book*

1956-7— Carbons (Battery)

American Carbon & Battery Co., East St. Louis, Ill.

Eastern Carbon Works, 580 Henderson, Jersey City, N. J.

Manhattan Electrical Supply Co., 17 Park pl, New York

National Carbon Co. (Cylinders, Pencils, Plates), Cleveland, O.

Speer Carbon Co., St. Marys, Pa.
Stackpole Carbon Co., St. Marys, Pa.
Universal Carbon Co., Dundee, Ill.

Carbons (Crucible)

See Carbon Mfrs.

1958— Carbons (Searchlight)

GENERAL ELECTRIC CO., Schenectady, N. Y. See *adv index at end of book*
National Carbon Co., Cleveland, O.

Carbons (Welding)

See Carbon Mfrs.

1958a—* Carborundum Brick

DIDIER-MARCH CO. ("Silcar"), Perth Amboy, N. J.

Carboys

See Stoneware, Chemical

1959— Carboys (Glass)

American Bottle Co., First Nat'l Bk. bldg, Chicago, Ill.

Bottlers' & Mfrs. Supply Co., 218 E 37th, New York

Gayner Glass Works, Salem, N. J.

Hawley Glass Co., Hawley, Pa.

Illinois Glass Co., Alton, Ill.

North Baltimore Glass Bottle Co., Terre Haute, Ind.

Pacific Coast Glass Works, 7th & Irwin, San Francisco, Cal.

Reading Glass Works, Reading, Pa.

Whitall Tatum Co., 410 Race, Phila., Pa.

1960— Carbureters

Acme Carburetor & Mfg. Co., Dayton, O.
Air Friction Carburetor Co., Dayton, O.
Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.

American Watch Tool Co., Waltham, Mass.
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.

Breeze Carburetor Co. (Kerosene & Gasoline), 250 South, Newark, N. J.

Brennan Motor Mfg. Co., Syracuse, N. Y.
Byrne Kingston Co. ("Kingston"), Kokomo, Ind.

Camden Anchor-Rockland Mach. Co. ("Knox"), Camden, Me.

Carter Carburetor Co., 2840 N Spring, St. Louis, Mo.

Col-Mac Co. ("Col-Mac"), 254 South, Newark, N. J.

Detroit Lubricator Co. ("Stewart"), Detroit, Mich.

Detroit Motor Castings Co. ("B-D"), 299 Beaufait, Detroit, Mich.

Dow Mfg. Co. ("Methot"), Braintree, Mass.

Essex Brass Foundry Co., Cambridge, Mass.

Findeisen & Kropf Mfg. Co. ("Rayfield"), 2550 W 21st, Chicago, Ill.

Folberth Auto Specialty Co., 7914 Lake av, Cleveland, O.

Fowler Lamp & Mfg. Co. ("Vortex"), 59 E 24th, Chicago, Ill.

Franklin Oil & Gas Co. ("Franklin"), Bedford, O.

Gardner Carburetor & Brass Works ("Gardner Visible"), Shreveport, La.

Generator Valve Co. ("Acorn," "Eclipse"), 47 Dinsmore pl, Brooklyn, N. Y.

Gilbert Mfg. Co. ("Bowers"), New Haven, Conn.

H. & N. Carburetor Co. ("H. & N"), 1675 B'way, New York

Hawthorne Mfg. Co. ("Hawthorne"), Bridgeport, Conn.

Holley Bros. Co. ("Hollery"), 131 Rowend, Detroit, Mich.

Holtzer-Cabot Electric Co. ("Newcomb"), Brookline, Mass.

Hoyt Electric Instrument Works ("Lovejoy"), Penacook, N. H.

Hoyt Fred C., Boston, Mass.

K. D. Carburetor Co., 5915 Banna av, Cleveland, O.

K.-W. Ignition Co., Chester av & E 30th, Cleveland, O.

Loeffelholz Co. (Kerosene & Gasoline), 170 Clinton, Milwaukee, Wis.

Lucas-Wallace Mfg. Co. ("Wallace"), Paducah, Ky.

McCord Mfg. Co. ("McCord"), Detroit, Mich.

McKeen Motor Car Co., Omaha, Neb.

Marvel Carburetor Co. ("Marvel"), Flint, Mich.

Maxi Co. ("Maxi"), 115 B'way, New York

Mayer Carburetor Co., 2673 Main, Buffalo, N. Y.

Mechanical & Electrical Mfg. Co., 2227 Prairie av, Chicago, Ill.

Michigan Lubricator Co., Detroit, Mich.

Milwaukee Auto Engine & Supply Co. ("Milwaukee"), 708 Winnebago, Milwaukee, Wis.

Milwaukee Auto Specialty Co. ("Milwaukee"), 711 Chestnut, Milwaukee, Wis.

Monarch Valve Co., 112 Front, Brooklyn, N. Y.

Mosler A. R. & Co. ("M. & B."), Webster & Wakefield av, New York

Motsinger Device Mfg. Co., Lafayette, Ind.

Mutual Mfg. Co. ("Duplex"), Rudd, Ia.

National Equipment Co. ("Tom Thumb" Gasoline & Kerosene), 125 S Racine av, Chicago, Ill. See *adv index at end of book*

Noonan A. S. Tool & Machine Wks., Rome, N. Y.

P. R. Mfg. Co. ("Zephyr"), Detroit, Mich.

Schoen-Jackson Co. ("Feps"), Media, Pa.

Shimm Magneto Co., East Orange, N. J.

Shakespeare Co. ("Shakespeare"), Kalamazoo, Mich.

Stromberg Motor Devices Co. ("Stromberg"), 64 E 25th, Chicago, Ill.

Sunderman Carburetors Corp. ("Sunderman"), Newburgh, N. Y.

Tillotson Mfg. Co. ("Tillotson"), Toledo, O.

Trenton Brass & Machine Co. ("Fletcher," Locomotive Type), Trenton, N. J.

Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.

Vincennes Motor Mfg. Co. ("Hunters"), Vincennes, Ind.

Wheeler-Schebler Carburetor Co. ("Schebler"), Indianapolis, Ind.

Wilcox-Bennett Carburetor Co. ("Bennett"), 1030 Marshall, Minneapolis, Minn.

Winkley Co. ("Garillus"), Detroit, Mich.

Zenith Carburetor Co., ft Hart av, Detroit, Mich.

1961— Cardboard

See also Box Board Mfrs.

Agar C. A. & Co. (Mounters), Bush Terminal, Brooklyn, N. Y.

Amboy Paper Co. (Bristle), Bridgeport, Pa.

American Luminous Products Co. ("Radio"), Watts, Los Angeles, Cal.

American Wood Board Co., Schuylerville, N. Y.

American Writing Paper Co., Holyoke, Mass.

Blandy Paper Co., Schuylerville, N. Y.

Brown E. M. Paper Co., Rock City Falls, N. Y.

Champion Coated Paper Co., Hamilton, O.

Columbian Paper Co., Buena Vista, Va.

Contoocook Valley Paper Co., West Heniker, N. H.

Crocker, Burbank & Co., Fitchburg, Mass.

Fitchburg Paper Co., Fitchburg, Mass.

Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.

Hampden Glazed Paper & Card Co., Holyoke, Mass.

International Paper Co., 30 Broad, New York

Kalamazoo Paper Co., Kalamazoo, Mich.

Monarch Paper Co., Kalamazoo, Mich.

Riverview Coated Paper Co., Kalamazoo, Mich.

Standard Paper Mfg. Co. (Coated), Richmond, Va. See *adv index at end of book*

Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

Card Indexes

See Filing Cabinets & Devices

1962— Cards (File)

Cincinnati Tool Co., Norwood, Cincinnati, O.
See *adv index at end of book*

NICHOLSON FILE CO. ("Nicholson"), Providence, R. I.
See *adv index at end of book*

Watson L. S. Mfg. Co., Leicester, Mass.

1963—Cards (Horse, Cotton & Wool)

Watson L. S. Mfg. Co. ("Watson"), Leicester, Mass.

1964—Cards (Index & Guide)

Boston Index Card Co. (Plain & Celluloid, also Folders), 113 Purchase, Boston, Mass.

Continental Fibre Co., Newark Centre, Del.

Elsinore Paper Co., 29 Beekman, New York

Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.

Goodline Mfg. Co. (All-Metal), Kent, O.

Standard Index Card Co. (Also Celluloid Tipped Guide Cards), 709 Arch, Phila., Pa.

1965— Carlines

Chicago Cleveland Car Roofing Co., 80 E Jackson boul, Chicago, Ill.

Cleveland Car Specialty Co. (Pressed Steel), Lakeside opp. E 45th, Cleveland, O.

Pressed Steel Car Co. (Pressed Steel), 307 5th av, Pittsburgh, Pa.

Western Steel Car & Foundry Co. (Pressed Steel), 37 W Van Buren, Chicago, Ill.

1966—Carousels, Organs, Etc.

Dentzel Wm. H., 3641 Germantown av, Phila., Pa.

Health Merry-Go-Round Co., Quincy, Ill.

Mangels Wm. F. Co., 2863 W 8th, Brooklyn, N. Y.

Morris E. Joy, 902 Walnut, Phila., Pa.

North Tonawanda Musical Instrument Wks. (also Skating Rinks), N. Tonawanda, N. Y.

Parker C. W. (Jumping Horses), Leavenworth, Kan.

Philadelphia Toboggan Co., 130 E Duval (Gtn), Phila., Pa.

Carpenters & Builders

• See Contractors, Building & General

Carpeting (Rubber)

See Mats & Matting, Rubber

1967—Carriage Calls (Electric)

Betts & Betts Corp., 513 W 42d, New York

Edwards & Co., Exterior & 140th, New York

Electric Carriage Call & Specialty Co. (For Theatres, etc.), 311 W 40th, New York

Johns H. W.-Manville Co., Madison av & 41st, New York

Norden Elec. Sign Co., 311 W 40th, New York

Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York

1967a—*Carriage Cloth

du Pont Fabrikoid Co., Wilmington, Del.

For branch offices see *adv index at end of book*

1968—Carriage Cloth (Rubber & Enamel)

Acme Rubber Mfg. Co. (Rubber), Trenton, N. J.
 Chase L. C. & Co. (Rubber), 89 Franklin, Boston, Mass.
See adv index at end of book
 Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
See adv index at end of book
 Fairfield Rubber Co. (Rubber), Fairfield, Conn.
 Heath Edmund F. & Son (Enamel & Rubber), 225 Warren, Newark, N. J.
 Hodgman Rubber Co. (Rubber), 8 W 40th, New York
 Landers Bros. Co., Toledo, O.
 Mechanical Fabric Co. (Rubber), 40 Sprague, Providence, R. I.

1969-70—Carriage Cloth (Woolen & Worsted)

American Mills Co., Rockville, Conn.
 Fabyan Woolen Co., Stafford Springs, Conn.
 Glenside Woolen Mills, Skaneateles Falls, N. Y.
 Harris Emery Co., Penacook, N. H.
 Libbey W. S. Co., Lewiston, Me.
 Neponset Woolen Mills, Canton Junction, Mass.
 Portland Woolen Mills, Portland, Oregon
 Roy Woolen Co., Watervliet, N. Y.
 Saxton Woolen Co., Norwich, Conn.
 Sayles A. L. & Sons, Pascoag, R. I.
 Slater S. & Sons, Webster, Mass.
 Stevens M. T. & Sons Co., North Andover, Mass.
 Talbot Mills, N. Billerica, Mass.
 Waterloo Woolen Mfg. Co., Waterloo, N. Y.

1971—Carriage Trimmings (Plated)

See also Hardware Manufacturers, Carriage
 Enterprise Brass & Plating Works, 6th & Baymiller, Cincinnati, O.
 Higgin Mfg. Co., Newport, Ky.
 White Mfg. Co. (also Brass), Bridgeport, Conn.
 Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

1971a—*Carriage Upholstery (Top, Curtain & Trimming Materials)

DU PONT FABRIKOID CO. (Leather Type), Wilmington, Del.
For branch offices see adv index at end of book

1972—Carriages

See also Carriages classified according to their various kinds; also Carts; Wagons; Automobile Builders, etc.

ALABAMA.

ANNISTON—Hale Buggy Mfg. Co.
 BIRMINGHAM—Birmingham Buggy Co.
 Birmingham Carriage & Wagon Co.
 FLORENCE—Union Buggy & Mfg. Co.
 MOBILE—Bloch Brothers
 McKenzie Barrett Carriage Co.
 Neck Carriage & Wagon Works
 MONTGOMERY—Montgomery Carriage Works Co.

CALIFORNIA.

FRESNO—Lyons-Morgan Co.
 OAKLAND—Arth G. V.
 Sohst John E. W.
 SACRAMENTO—Meister A. & Sons Co.
 SAN DIEGO—Tiffany's Carriage Works
 SAN FRANCISCO—Grave B. Co., Boardman & Brannan
 Holmes H. E. & Co., 746 Folsom
 Neumiller J. & G., 125 Fell
 Reutschler Bros., 1767 15th
 Studebaker Bros. Co. of Calif., 413 Mission
 Schindler H. & Co. (Buggies, Trucks & Wagons), 174 Spear
 Wertsch Wm. Co., 24 Page
 STOCKTON—Phelan S. F.
 Sunset Carriage Factory
 Tremain E. E.
 VALLEJO—Vallejo Carriage Works

COLORADO.

COLORADO SPRINGS—Loesch H. C.
 DENVER—Copenhaver Geo. C.
 Hulen Taylor A. Carriage & Wagon Works

Niederhut Carriage Co.
 Orroch Carriage Co.
 Pursel Carriage Co.
 Standard Carriage Co.
 PUEBLO—Jackson George Carriage & Implement Co.
 Morrissey Carriage Co.
 Pueblo Carriage Co.
 Stevenson Carriage & Implement Co.

CONNECTICUT.

BANTAM—Flynn & Doyle Co.
 BRIDGEPORT—Hall C. W. Carriage Co.
 191 John
 Provost C. M.
 Ryan & Lutz, 272 State
 HARTFORD—McGurk B. L.
 NEW BRITAIN—New Britain Carriage Co.
 NEW HAVEN—Armstrong M. Co.
 Demarest A. T. & Co. (Buggies, Broughams, Surreys, Victorias)
 New Haven Carriage Co.
 NEW LONDON—Moran D. E. & J. F.
 NORWICH—Scott & Clark Corp'n.
 SOUTH NORWALK—Wright Luther M.

DELAWARE.

EDGEMOOR—Rotthouse Charles A.
 WILMINGTON—Bowe Carriage Co.
 Cahill & Co.
 Cooling Carriage Co.
 Guthrie, Jones & Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barker & Kelley 456 Penn
 Crown J. F. & Son
 McReynolds R. & Sons

FLORIDA.

JACKSONVILLE—McMurray & Baker

GEORGIA.

ATLANTA—Blount Carriage & Buggy Co.
 BARNESVILLE—Franklin Buggy Co.
 Summers Buggy Co.
 BRUNSWICK—Brunswick Carriage Works
 COLUMBUS—Friedlander Julius & Co.
 Miller J. E. & Co.
 DUBLIN—Dublin Buggy Co.
 EAST POINT—Blount Carriage & Buggy Co. (Surreys & Spring Wagons)
 ELBERTON—Aulds J. F. Sons
 GAINESVILLE—Bagwell Mfg. Co.
 GRIFFIN—Norman Buggy Co.
 HAMPTON—Hampton Buggy Co.
 JACKSON—Carmichael Buggy Co.
 Empire Buggy Co.
 MACON—Parmelee S. S. Co.
 Williams Wagon Wks.
 MONTICELLO—Monticello Buggy Mfg. Co.
 SAVANNAH—Chatham Carriage Co.
 Hull Vehicle Mfg. Co. (Buggies)
 VALDOSTA—South Georgia Buggy Co.

ILLINOIS.

ALTON—Miller Dan Buggy Co.
 AURORA—Frazier W. S. & Co. (Sulkies, Runabouts, Surreys)
 Knapp O. P. & Son
 BELLEVILLE—Heinzelman Bros. Carriage Co.
 Merker & Wirsing
 BLOOMINGTON—McKee & Shade
 Martens-Leary Co.
 BUSHNELL—Ball I. M. & R. E.
 CHICAGO—Beyerlein John, W 5626 South Park av
 Chicago Coach & Carriage Co., 1223 S Michigan av
 Erby Wm. & Sons Co., 121 W Grand av
 Herzog Bros., 220 Wendell
 Kimball C. P. & Co., 3900 S Michigan av
 Landshaft Wm. & Son, 2900 Danwin ter
 Lawder Arthur A. & Sons, 6910 Lafayette
 Linskog Auto Carriage & Wagon Works: 3522 Vinc av
 Metzler J. & Sons Co., 158 E Indiana
 Millar Carriage Works
 Seltz Edw. G., 745 Bowen av
 Smith J. C. Co., 58 E 20th
 Smith P. & Co., 209 W Austin av

Staver Carriage Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys), 76th & Wallace
 Stoltze Wm., 2612 Nordica av
 Stone C. & Sons, 1658 Ogden av
 DALLAS CITY—Burg L. Carriage Co (Buggies, Phaetons, Surreys)
 DANVILLE—Danville Buggy Co.
 Snyder D. D. & Co.
 DEKALB—De Kalb Wagon Co. (Carriages or Cabs Storm)
 EAST ST LOUIS—Century Mfg. Co.
 ELGIN—Van Wambeke H. F. (Runabouts)
 FAIRBURY—Fairbury Carriage Co.
 FREEPORT—Henney Buggy Co.
 Tiger Vehicle Co. (Buggies, Concord Buggies & Wagons, Runabouts, Surreys)
 JACKSONVILLE—Hall Bros.
 MANTENO—Smith's, H. Sons
 MENDOTA—Schaller & Goebel
 Sunday & Faber
 MOLINE—Henney Buggy Co.
 Moline Plow Co. (Buggies, Concord Buggies & Wagons, Surreys)
 Sechler D. M. Implement & Carriage Co. (Buggies, Phaetons, Surreys)
 Velle Carriage Co. (Buggies, Phaetons, Surreys)
 OTTAWA—Formhals & Son
 Gay S. G. Co. (Buggies, Phaetons, Stanhopes, Surreys)
 QUINCY—Miller E. M. Co. (Coupes, Coaches, Landaus, etc.)
 ROCK FALLS—Eureka Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Surreys)
 ROCKFORD—Emerson-Brantingham Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys)
 Neumeister F. P. & Co
 Weldon C. J. (Mrs)
 ROCK ISLAND—White George Buggy Co. (Buggies, Buckboards, Surreys)
 SANDWICH—Walters G.
 SPRINGFIELD—Brand August
 Davidson H. B.
 Withey Bros.
 STREATOR—Alliance Mfg. Co.
 SYCAMORE—Loptien Bros.
 Loptien C. & Sons (Est. of)

INDIANA.

ANDERSON—Anderson Carriage Mfg. Co. (Buggies)
 ATTICA—Leif Buggy Co.
 AUBURN—Eckhart Carriage Co., (Buggies, Storm Buggies, Carriages or Cabs Storm, Phaetons, Surreys)
 BUTLER—Butler Co., (Buggies, Storm Buggies, Carriages or Cabs Storm, Surreys)
 COLUMBIA CITY—Harper Buggy Co., (Buggies, Storm Buggies, Phaetons, Stanhopes, Surreys)
 COLUMBUS—Fehring Carriage Co.
 CONNERSVILLE—Connerville Buggy Co. (Buggies, Phaetons, Surreys)
 Rex Buggy Co., (Buggies, Storm Buggies, Phaetons, Surreys)
 ELKHART—Elkhart Carriage & Motor Car Co. (Phaetons)
 Noyes Carriage Co., (Buggies, Concord Buggies & Wagons)
 EVANSVILLE—Barenfanger C. W. Jr., Carriage Works
 Hercules Buggy Co.
 Lannert Mfg. Co.
 Single Center Buggy Co.
 FORT WAYNE—City Carriage Works
 GOSHEN—Excelsior Buggy Co.
 Lewis & Neville Mfg. Co.
 HUNTINGTON—Hall Sidney Carriage Works
 INDIANAPOLIS—Buchanan Joseph W., 801 E Market
 Parry Mfg. Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Surreys)
 JEFFERSONVILLE—Holzbog G. H. & Brother
 KNIGHTSTOWN—Knightstown Buggy Co.
 KOKOMO—Reiff D. T. (Buggies)
 LAFAYETTE—Anderson Peter Co.
 LIGONIER—Ligonier Carriage Co., (Buggies, Storm Buggies, Surreys)
 Mier Carriage & Buggy Co.
 LINNGROVE—Dunbar L. L.
 LOGANSPOUT—Logansport Carriage Works

MARIETTA—Pile J. W.
 MILTON—Milton Mfg. Co.
 MUNCIE—Heckenhauer C. F.
 Klopfer Frederick
 NEW CASTLE—Rodgers Leonidas (Est. of)
 NOBLESVILLE—Hare W. & Son
 Heylmann J. G. & Sons
 PRINCETON—Snapp W. L.
 RICHMOND—Davis Geo. W. Motor Car Co.

Seidel Buggy Co., (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Surreys)
 SEYMOUR—Ahlbrand Carriage Co., (Buggies, Storm Buggies, Phaetons, Surreys)
 SOUTH BEND—Colfax Mfg. Co., (Buggies, Surreys, Light Carts)
 Studebaker Corporation (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys)
 TERRE HAUTE—Fouts & Hunter Carriage Mfg. Co. (Buggies)
 Hildebrand Buggy Co.
 O'Connell Martin E.
 TIPTON—Binkley Buggy Co.
 UNION CITY—Ross Carriage Mfg. Co.
 Union City Carriage Mfg. Co. (Buggies, Storm Buggies, Phaetons, Surreys)
 VINCENNES—Miller's J. F. Sons
 WARSAW—Conrad Earl W.

IOWA.

BURLINGTON—Bennett Carriage Co.
 Burlington Buggy Co.
 CEDAR RAPIDS—Cedar Rapids Carriage Works
 Hawkeye Carriage & Auto Co.
 CHARITON—Schreiber Carriage Mfg. Co.
 COUNCIL BLUFFS—Keys Bros. (Buggies, Surreys)
 Van Deveer Marvin C.
 DAVENPORT—Mason Carriage Works
 Woebber Carriage Works
 DES MOINES—Capital City Carriage Co. (Buggies, Surreys)
 Kratzer Carriage Co. (Buggies, Surreys)
 Matthews Carriage & Auto Co.
 DUBUQUE—Cooper A. A. Wagon & Buggy Co., (Buggies, Buckboards, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys)
 GRINNELL—Laros D. A. & Sons Co. (Buggies)
 Spaulding Manufacturing Co.
 LANSING—Spinner Bros.
 MARSHALLTOWN—Marshalltown Buggy Co.
 WATERLOO—Brown Buggy Co. (Phaetons)
 Jerald S. E. Sulky Co.

KANSAS.

FORT SCOTT—Flickinger & Miller
 LEAVENWORTH—Beyer Henry
 Hesse W. G. & Son Mfg. Co.
 TOPEKA—Rehkopf Bros.
 WICHITA—Galser W. H.
 McKenzie M. A.

KENTUCKY.

CADIZ—Malone Bros. (Buggies)
 DANVILLE—Central Kentucky Carriage Co.
 HENDERSON—Delker Bros. Buggy Co.
 Delker Geo. Co. (Surreys, Phaetons, Driving Wagons, etc)
 Henderson Mfg. Co.
 LEXINGTON—Baker & Bro.
 Wieman H. & Sons
 LOUISVILLE—Haller Wagon & Carriage Co.
 Richards Albert J., 632 W Jefferson
 Ruby Carriage Co.
 MADISONVILLE—Jones Buggy Co.
 MAYS LICK—Buchanan S. G., Van Camp & Newdigate
 MAYSVILLE—Thompson & McAtee (Buggies)
 OWENSBORO—Ames F. A. Co. (Buggies, Phaetons, Surreys)
 Owensboro Buggy Co. (Buggies, Phaetons, Stanhopes, Surreys)
 Peerless Buggy Co.
 PADUCAH—Hardy Buggy Co. (Phaetons)
 RICHMOND—Richmond Carriage Works
 VERSAILLES—Seller Carriage Co.

LOUISIANA.

LAKE CHARLES—Lake Charles Carriage & Implement Co.
 NEW ORLEANS—Dixie Vehicle Manufacturing Co., 721 St. Joseph
 O'Connor & Co. (Ltd), 518 Julia
 Oster Bros., 1418 Frenchmen
 Schwartz J. Co., 548 Baronne

MAINE.

BANGOR—Brown & White Co.
 Mason John & Sons
 BAR HARBOR—Davis Bar Harbor Buckboard Co. (Buckboards)
 BROOKS—Staples I. S. & Son
 CARIBOU—Wight Arthur E.
 CENTER MONTVILLE—Thomson Volney
 NORTH CHESTERVILLE—Knowles A. E.
 Knowlton Harry B.
 Lovejoy R. N.
 PORTLAND—Bailey F. O. Carriage Co. (Light)
 McCann's D. E. Sons
 READFIELD—Morrill C. E. & Son

MARYLAND.

BALTIMORE—Dietrich John H., Greenmount & Gorsuch avs.
 Ditch, Bowers & Taylor, Mt. Roy & North
 Eckenrode Chas. E., 18 N Carrollton
 McCormick M. L. & Bro., Penna. av. & Retreat
 Sefton Chas. A. S. E., cor Monument & Eden
 HAGERSTOWN—Hess Carriage Co.
 SPICKLER—Spickler L. A. & Sons

MASSACHUSETTS.

AMESBURY—Bailey S. R. & Co.
 Felch E. S. & Co. (Surreys, etc)
 Lane T. W.
 Rand W. H.
 Shields Carriage Co.
 AVON—Collins Bartlett
 AYER—Whitney Frederick
 BERLIN—Stone H. A. & Co.
 BEVERLY—Sawyer E. C.
 BOSTON—Adams John E. S., 28 Huneman
 Bryant's John Sons, 15 Austin
 Colpitts S. B., Alliston
 French Ferd F. (Buggies, Broughams, Surreys, Victorias), 930 Commonwealth av.
 Harrison Robert Co., 330 W 1st
 Kimball Bros. Co., 112 Sudbury
 Russ C. & Co., 263 Northampton
 Sargent & Ham Co., 26 Bowker
 Thomas Chauncey & Co., Blandford
 BROOKLINE—Quinlan M. W.
 CAMBRIDGE—Henderson Bros.
 Ivers F. & Son
 Stewart Bros. & Co.
 FALL RIVER—Cartler T. N.
 Robinson & Smith
 FOXBORO—Young Wm. A.
 HOLYOKE—Bowler M. J.
 LAWRENCE—Kress Bros. Carriage Co.
 LOWELL—Sawyer Carriage Co.
 MALDEN—Keen W. B. & Son
 MEDFORD—Teel Eldridge & Co.
 MERRIMAC—Judkins J. B. Co.
 NEW BEDFORD—Carroll William A.
 NORTH ADAMS—Vadnais E.
 NORTHAMPTON—Desrosier Gilbert
 PEABODY—Bolster J. W.
 Dole Osgood & Co.
 Pike & Whipple Co.
 Roome James A.
 PITTSFIELD—Pittsfield Carriage Co.
 SOMERVILLE—Kiley James A.
 SPRINGFIELD—Smith Carriage Co.
 TAUNTON—Brownell & Burt
 Peck & White
 WOODVILLE—Coolidge Carriage Co.
 WORCESTER—Worcester Lunch Car & Carriage Co.

MICHIGAN.

ANN ARBOR—Ann Arbor Carriage Wks. (Buggies, Surreys)
 Wurster E. M.
 BIG RAPIDS—La Claire & Eggleston
 CALUMET—Kinsman & Wagner
 CHELSEA—Faist Adam G.
 COLDWATER—Schmedlen W. H.
 COLON—Anderson Bros.
 COOPERSVILLE—Root G. L. Co.
 DETROIT—Fisher Albert, 460 E Grand blvd.

FLINT—Durant-Dort Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Stanhopes, Surreys)
 Paterson W. A. Co. (Buggies, Buckboards, Storm Buggies, Concord Buggies & Wagons, Surreys)
 GRAND RAPIDS—Michigan Hearse & Carriage Co.
 HOLLY—Patterson Mfg. Co. (Buggies)
 JONESVILLE—Deal Buggy Co. (Buggies, Buckboards, Concord Buggies & Wagons, Phaetons, Surreys)
 KALAMAZOO—American Carriage Co.
 Lull Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Surreys)
 LANSING—Lansing Wagon Works (Light)
 LOWELL—Roth J. C.
 MANISTEE—Overpack S. C.
 MARSHALL—Page Bros. Buggy Co. (Buggies, Storm Buggies, Phaetons, Runabouts, Stanhopes, Surreys)
 MILFORD—Wakely Archibald S. & Son
 MONROE—Ohr F. G.
 PONTIAC—Beaudett O. J. Co.
 SAGINAW—Beck J. Philip & Son
 WAYNE—Prouty & Glass Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Stanhopes, Surreys)

MINNESOTA.

MINNEAPOLIS—Wallis Coach & Carriage Works, 12 E Grant
 ST. PAUL—Schurmeier Wagon Co. (Buggies, Surreys)
 Twin City Carriage Works
 WINONA—Winona Carriage Co. (Buggies, Concord Buggies & Wagons, Surreys)

MISSOURI.

EDINA—Miller Wagon Co. (Buggies, Surreys)
 KANSAS CITY—Holcker-Elberg Mfg. Co., 16th & McGee
 Kansas City Carriage & Wagon Works, 237 W 4th
 Laux Carriage Co., 1627 Oak
 Weber Carriage Co., Southwest bldg
 LEXINGTON—Russell Brothers
 PALMYRA—Stuhlman Bros.
 ST. CHARLES—Ehrhard Mfg. Co.
 ST. JOSEPH—Beardsley Carriage Co.
 Karle A.
 St. Joseph Buggy Co.
 Schmidt D. H. Carriage & Wagon Co.
 Tanner Conrad & Sons
 ST. LOUIS—Banner Buggy Co. (Buggies, also Concord Buggies & Wagons, Runabouts, Surreys) Main & Rutger
 Boettler Fred., 2621 Cass av
 Borbein H. G., 1439 N 13th
 Dischert Geo. C. Carriage & Wagon Co., 915 Washington
 Haase-Bohle Carriage Co., 3958 Lacleda av
 Kluegel T. J. Carriage & Wagon Mfg. Co., 827 So Broadway
 Kranz Carriage & Wagon Mfg. Co., 3032 Gravois rd
 Manley Carriage Co. (Buggies, Phaetons, Runabouts, Stanhopes, Surreys), 1319 N 9th
 Maschmeier-Schaefering Carriage & Wagon Co., 2000 N 15th
 McCabe-Powers Carriage Co., 1217 N Broadway
 Modern Wagon & Carriage Co., 1948 Papin
 Moon Bros. Carriage Co. (Buggies, Concord Buggies & Wagons, Phaetons, Stanhopes, Surreys), Gano & McKissock
 Moon Joseph W. Buggy Co. (Buggies, Phaetons, Runabouts, Surreys), Main & Douglass
 Mound City Buggy & Auto Co., Broadway & Cass
 Neiner John Carriage Co., 4736 Easton av
 Oyler Carriage Co., 120 N 2d
 Rapp & Moller Carriage Co., 2220 Pine
 Reliance Buggy Co.
 Selzer J. M. Carriage & Business Wagon Mfg. Co., 1525 N 14th
 Victor Buggy & Auto Top Co., 1545 N Broadway
 Wittich Hy. Carriage & Wagon Co., 1222 N 7th
 Young Wm. Carriage Co., 4524 Delmar av

SEDALIA—Fisher Carriage & Wagon Works
Kelk Carriage Works
SPRINGFIELD—Jess & Sturdy

MONTANA.

BUTTE—Butte Carriage Works
Grady F. M.
Lane Charles W.
Western Carriage Works
GREAT FALLS—Black Eagle Carriage Mfg. Co.

NEBRASKA.

LINCOLN—Anderson & Christiansen
Camp J. M. & Son
OMAHA—Berg Wm. Co.
Johnson-Danforth Co.
Murphy Andrew & Son
Pfeiffer Wm. Carriage Works
Simpson A. J. & Son
Wettengel W. & Son

NEW HAMPSHIRE.

FARMINGTON—Perkins B. F.
HUDSON—Cummings Bros.
LITTLETON—Harris Chas. F. & Co.
MANCHESTER—Dodge S. P. Co.
Kimball Carriage Co.
Sanborn Carriage Co.
PELHAM—Hillman R. B. & Son

NEW JERSEY.

BURLINGTON—Birch James H.
Columbus Phaeton Co.
CAMDEN—Tiedeken Theo. C. & Bro.
FRENCHTOWN—Weiss & Fritts
HOBOKEN—Kosteletzky Joseph
KEYPORT—Tilton & Cherry
MARLBORO—Reid Sidney
MONTCLAIR—Mockbridge Jas. D.
MORRISTOWN—Tunis Barton M.
NEWARK—Ludwig J., 20 Canfield
Merz Bros., 9 Crawford
Post C. M. Co., 227 Halsey
NEW BRUNSWICK—Witty William C.
ORANGE—Orange Carriage Co.
PATERSON—Sowerbutt J. S.
RAHWAY—Terrill Bros.
RIVERTON—Woolston Chas. T.
TRENTON—Fitzgibbon & Crisp
McCardell J. R. & Co.

NEW YORK.

BINGHAMTON—Davis A. L. Son
O'Neil James
Sturtevant-Larrabee Co.
BRAINERDSVILLE—Lamberton. W. W.
BUFFALO—Brunn's Carriage Mfg. Co.,
1140 Main
Lesswing's Peter Sons
CAMDEN—Boehm C. A. & Son
EASTHAMPTON—Everest W. S.
Gay J. E. & Co.
ELMIRA—Ayres John T.
FAIRPORT—Bown Geo. G. & Sons
GREAT NECK—Schenck Bros.
HOMER—Brockway W. N.
ITHACA—Pritchard & Son
KINDERHOOK—Brown G. H. & Bro.
LAKE GROVE—Gould G. E.
LOCKPORT—Davis William D.
Taylor W. W.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Duhamel & Brueckner, 735
Bedford av
Linn V. & Son, 49 Bergen
Romson I. S. Mfg. Co., 740 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Baitelman Samuel, 17 Elizabeth
Barnecott J. F. & Son, 2462 Westchester av
Dessecker Gustav, 152 Elizabeth
Galloway & Wagner, 303 W 53d
Healey & Co., 1652 B'way
McAuliffe & Co., 108 W 53d
Schlenoff & Elson, 311 W 15th
Studebaker Corp., 445 B'way
Wittkowsky H., 203 E 88th
NEW ROCHELLE—Kershaw W. B.
ONEIDA—Silver Carriage Co.
OSWEGO—Denton & Son

ROCHESTER—Cunningham Jas. Son & Co.
Faber Sulky Co.
Rehtz F. C.
Rochester Carriage Co.
Sullivan Bros.

SCHENECTADY—Benns & Wisscher Co.
Loucks Elmer E.
SIDNEY—Cortland Cart & Carriage Co.
SMITHTOWN BRANCH—Hallock Allanson E.
SYRACUSE—Moyer Harvey A. (Phaetons)
TROY—Clary Bros.
Troy Carriage Works (Buggies, Broughams, Surreys, Victorias)
WATERTOWN—Babcock H. H. Co. (Buggies, Phaetons, Surreys, Victorias)
Excelsior Carriage Co.
WATERVLIET—Richenecker Chas. G.
YONKERS—Chadburn M. J.

NORTH CAROLINA.

CARTHAGE—Tyson & Jones Buggy Co. (Buggies, Surreys, Victorias)
DURHAM—Durham Buggy Co.
ELIZABETH CITY—Elizabeth City Buggy Co.
ELKIN—Elkin Buggy Co.
GOLDSBORO—Goldsboro Buggy Co.
GREENSBORO—Oettinger Buggy Co.
GREENVILLE—Flanagan John Buggy Co.
HENDERSON—Capital Buggy Co.
Carolina Buggy Mfg. Co.
Corbitt Buggy Co.
Henderson Buggy Mfg. Co.
HIGH POINT—High Point Buggy Co.
Southern Buggy Co.
KINGSTON—Ellis Carriage Works
Hudson B. A. & Co. (Buggies)
LEAKSVILLE—Hampton J. H. Buggy Co.
MOUNT AIRY—Mount Airy Buggy Co.
OXFORD—King Buggy Co.
Oxford Buggy Co.
Taylor-Cannady Buggy Co.
SANFORD—Sanford Buggy Co.
WASHINGTON—Washington Buggy Co.
WHITE PLAINS—White Plains Buggy Co.
WILLIAMSTON—Martin County Buggy Co.
WINSTON-SALEM—Winston Vehicle Co.

OHIO.

ALLIANCE—Wallace A. D.
BLOOMVILLE—Cook Carriage Co.
BUCYRUS—Ruhl Geo. S.
CANTON—Canton Buggy Co.
Mottet Jacob & Son
Schellhase J. H.
CELINA—Cron Wm. Sons Co.
CINCINNATI—Acorn Buggy Co. (Phaetons), 5th & Eggleston av
American Carriage Co. (Buggies, Phaetons, Runabouts, Surreys), 1275 Budd
Anchor Buggy Co. (Buggies, Phaetons, Runabouts, Surreys), C. H. & D. Ry nr. Gest
Armstrong A. Co. (Buggies, Phaetons, Surreys, Cabriolets, Victorias, etc), 719 State av
Behlen Chas. Sons Co., 15th & Vine
Brown Carriage Co. (Buggies, Jump Seat Buggies, Storm Buggies, Phaetons, Surreys), 1630 Gest
Eagle Carriage Co., Court & McLean av
Enger Frank J. (Buggies, Phaetons, Runabouts, Surreys), Marion & Dakota av, Avon
Hickory Carriage Co., Spring Grove av & Rawson
Kleine & Daumeyer, 14 W 12th
Lion Buggy Co. (Buggies, Concord Buggies & Wagons, Runabouts, Surreys), C. H. & D. R. R.
Louis J. H. Carriage & Wagon Co., 314 W Court
Luth Carriage Co. (Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Stanhopes, Surreys), 1911 W 8th
Murray Wilber H. Mfg. Co., 5th & Eggleston av
Osthoff & Braukmann, 42 W McMicken av
Phoenix Carriage Co. (Phaetons), 901 Evans
Sayers & Scovill Co. (Buggies, Storm Buggies, Concord Buggies & Wagons, Phaetons, Stanhopes, Surreys), 2247 Colerain av
Schneider John A. & Co., 3717 Colerain av

Sechler & Co. (Buggies, Phaetons, Surreys), 538 E 5th
Smith-Eggers Co., Court, bet B'way & Sycamore
Welland Co., 2414 Gilbert av
CIRCLEVILLE—Colonial Carriage Co. (Buggies, Storm)
CLEVELAND—Black P. F. Co., 2361 E 14th
Gabriel W. H. Carriage & Wagon Co., 315 Prospect av, N W
Hanger C. F. Co., 6520 Carnegie av
Hayes R. L. & M. H.
Schaefer Gustav Wagon Co., 4180 Lorain av
Scranton Ave. Carriage & Wagon Works, 2346 Scranton rd
Warden George J. & Co., 6530 Carnegie av
Woltman Carriage & Wagon Co., Woodland av
COLUMBIANA—Zimmer & Harman
COLUMBUS—Anderson Carriage Co.
Hayes R. L. & M. H., 203 E Town
Immel Jno. & Sons Co., 16 E Livingston
Ohio Carriage Mfg. Co., S High, South of H. V. Ry
Peters Buggy Co. (Buggies, Storm Buggies, Phaetons, Runabouts, Surreys), 330 W Spring
Poste Bros. Buggy Co., Jefferson & Curtis avs
U. S. Carriage Co., 319 S Fourth
Warren & Southwick Carriage Co., 337 Cleveland av
COSHOCTON—Stewart J. R.
CRESTLINE—Holcker Bros. Buggy Co. (Buggies, Storm Buggies, Phaetons, Stanhopes, Surreys)
DAYTON—Borchers Carriage & Auto Co.
DEFIANCE—Defiance Carriage Co. (Phaetons)
DOVER—Toomey S. Co.
FINDLAY—Findlay Carriage Co.
FOSTORIA—Eissler J. Fred.
GALION—Howard A. (Buggies, Phaetons, Runabouts, Surreys)
Kunkel Carriage Works
Plack Carriage Wks.
GREENFIELD—Patterson C. R. & Sons
HAMILTON—Heck Motor Car Co.
Schweizer John
HILLSBORO—Carroll M. F. & Sons Co.
IRONTON—Ketter Buggy Co.
Phillips Buggy Works
Willis Carriage Works
JERSEY—Harrison Bros. & Co.
KENTON—Kaiser H. Buggy Co.
Kenton Carriage Co.
LIMA—Owen Brothers
LISBON—Adams John Q. Carriage Co.
LONDON—Jones C. T. & W. A.
MANSFIELD—Herring Buggy Co.
MARIETTA—Kelly J. W. & Son
MARION—Cull Wm. & Sons
McMurray Sulky Co.
MARYSVILLE—Leader Buggy Co.
MECHANICSBURG—Culbertson Bros.
MIDDLEPORT—Faehnie J. Sons
NEW WATERFORD—Koch Bros. Co.
PIQUA—Enterprise Carriage Works
PLYMOUTH—Webb J. W.
POMEROY—Blaettner's M. Sons
PORT CLINTON—Port Clinton Buggy Co.
RAVENNA—Riddle Coach & Hearse Co.
ROCKFORD—Lloyd J. E. & Sons
ST. HENRY—Twentieth Century Storm Buggy Co.
ST. MARY'S—Makley Bros.
ST. PARIS—Wal-Rike Pony Vehicle Co.
SANDUSKY—Klenk Martin
SHELBY—Shreffler S.
SIDNEY—Bimel Automobile Co.
Crozier & Son (Buggies)
Miller & Smith
SPRINGFIELD—Fehl Henry
Rathbun P. T. & Co.
STEUBENVILLE—Workman James & Son (Buggies)
TIFFIN—Smith & Schwartzbeck
URBANA—Aughenbaugh B. A.
Dimond J. H. E. & Son
Gaumer E. B. & Sons
WADSWORTH—Stevenson E. D. (Buggies)
WAPAKONETA—Kreitzer Buggy Co.
WARREN—Morgan & Williams Co.
Riverside Carriage Co.
WAYNESBURG—Waynesburg Carriage Co.
WOOSTER—Gerstenschlager Co. (Buggies)
YOUNGSTOWN—Heck J. E.
Youngstown Carriage Co.

OKLAHOMA.

GUTHRIE—Schickran & Wickman
 MUSKOGEE—Lantz W. R. Carriage & Auto Works
 Muskogee Harness & Buggy Co.
 OKLAHOMA—Oklahoma Carriage Works

OREGON.

PORTLAND—Columbia Carriage & Auto Works

PENNSYLVANIA.

ALLENTOWN—Wolf Wm. (Est. of)
 COOPERSBURG—Kern S. Y. & Son
 EAST DOWNTON—Armour Judson
 EASTON—Hill Clemens F.
 ELIZABETHVILLE—Swab Carriage Co.
 EPHRATA—Martin J. Diller
 EVANS CITY—Laderer W. C. Carriage Co.
 FRANKLIN—Myers Carriage Co.
 GOODVILLE—Kramer I. Newton
 GROVE CITY—McKay Carriage Co.
 HAMBURG—Scott & Kemmerer
 HARRISBURG—Redmond A. Sefton Carriage Works
 HONESDALE—Hermann M. & Son
 LANCASTER—Nolty Henry, Jr.
 LITTLESTOWN—Mehring S. D.
 MIFFLINBURG—Gutelius John & Son Hopp Carriage Co.
 Mifflinburg Buggy Co.
 MOUNT JOY—Schutte Wm. H.
 MOUNT PLEASANT—Galley Bros.
 NEW HOLLAND—Groff & Weaver Roseboro Chester E.
 OAKBOTTOM—Graff Aaron
 OGONTZ—William Harry & Son
 ORRSTOWN—Wise's Samuel B. Sons
 PALMYRA—Miller Jacob
 PERKASIE—Weisel Milton T.
 PHILADELPHIA—Caffrey J. H., 1712 Fairmount
 Geissel A. & Sons, 485 N 3d
 Gregg Wm. D. Rogers Co., 1926 Arch
 Kelly John C. & Sons, 5215 Gtn av
 Petzelt & Keyser, 24th & Locust
 Rech-Marbaker Co., 8th & Girard av
 Sowney Bros., 16th & Wood
 Wolfington's Alex. Son, 8 N 20th
 PITTSBURGH—Glesenkamp L. E., 319 Liberty
 McClinton & Co., 309 Sandusky West Co., 4017 Liberty av
 QUARRYVILLE—Hess Daniel T.
 READING—Biehl's Carriage & Wagon Works
 Hain Geo. M.
 Wetherhold W. W.
 REYNOLDSVILLE—Deible H. C.
 SCRANTON—Gould A. R. & Sons
 SHIPPENSBURG—Thrush & Stough
 SPRINGBORO—Graves L. C. & Co.
 STRASBURG—Brackbill T. L.
 STROUDSBURG—Staples & Hartman
 TAMAQUA—Becker Christian
 UNIONTOWN—Howard J. M. & Sons
 WASHINGTON—Jackson Repairing Co.
 WILKES-BARRE—Wilson J. Frank Co.
 WILLIAMSPORT—Gohl Christian & Sons
 YORK—Martin Carriage Works (Phaetons)
 ZELIENOPLE—Laderer W. C. Carriage Co.

RHODE ISLAND.

PAWTUCKET—McCabe Bernard Carriage Co.
 PROVIDENCE—Bernier Napoleon M., 46 Point
 Howe H. M. Co., 417 Fountain
 O'Brien P. J., 194 Pine
 Sutton J. H.

SOUTH CAROLINA.

ROCK HILL—Rock Hill Buggy Co.
 SPARTANBURG—Spartan Wagon & Buggy Co.
 SUMTER—Rowland Buggy Co.

SOUTH DAKOTA.

SIoux FALLS—Olson & Detlie Carriage Co.

TENNESSEE.

BROWNSVILLE—Pope & Pracht
 CHATTANOOGA—Chattanooga Buggy Co.
 Fassnacht A. & Sons
 Fuller Auto & Wagon Wks. (Buggies)

CLARKSVILLE—Harrison D. A.
 KNOXVILLE—Moore L. F. Carriage Co.
 MEMPHIS—Dix John C. Son & Co.
 Lilly Carriage Co.
 Schley Carriage & Wagon Co.
 MORRISTOWN—Carver Wagon Co.
 MURFREESBORO—Walter G.
 NASHVILLE—Allen Bros.
 Robinson-McGill Carriage Co.
 Vogely & Todd
 PULASKI—Harris R. H. & Sons
 SHELBYVILLE—Robinson-McGill Hardware Co. (Buggies)

TEXAS.

BEAUMONT—Southern Carriage Works
 DALLAS—Monschke & Co.
 Young Wm. F.
 HOUSTON—Model Carriage Co.
 Mosehart & Keller Co.
 SAN ANTONIO—Woodward Carriage Co.
 WACO—Hopkins J. F.

UTAH.

OGDEN—Studebaker Bros. Co.

VERMONT.

BELLOWS FALLS—French G. N. & Son
 BRATTLEBORO—Rockwell & Sherwin
 BURLINGTON—Smith Wm. (Est of)
 HIGHGATE—Sunderland Edw. U.
 ST. JOHNSBURG—Ryan Jno. H.

VIRGINIA.

ABINGDON—Gilpin Carriage Co.
 FRANKLIN—Knight Buggy Co.
 LYNCHBURG—Harris Carriage Co.
 Hughes Buggy Co.
 NEW MARKET—Clinedinst Jno. W.
 NEWPORT NEWS—Miller & Gleason
 Wrenn A. & Sons (Buggies)
 RICHMOND—Bosher's R. H. Sons
 Gross Conrad
 Richardson Bros.
 SASSAFRAS—Shackelford H. H. & Sons
 SOUTH BOSTON—Barbour Buggy Co.
 Harrell R. A. Buggy Co.
 WINDSOR—Bailey C. W. & Son

WASHINGTON.

SEATTLE—Modern Carriage Co.
 Pacific Wagon & Carriage Co.
 Pioneer Carriage Co.
 Star Carriage Co.
 West Street Carriage Co.

WEST VIRGINIA.

PARKERSBURG—Logan Carriage & Auto Co.
 WESTON—Weston Buggy Co.
 WHEELING—Ellis Chas. J. Carriage Co.
 Morgan Carriage Co.

WISCONSIN.

APPLETON—Milhaupt Co.
 BOSCOBEL—Ruka Bros. Mfg. Co. (Ltd.)
 EAU CLAIRE—Bonell William
 FOND DU LAC—Anderson Vehicle Co.
 FORT ATKINSON—Northwestern Mfg. Co. (Buggies, Concord Buggies & Wagons, Phaetons, Runabouts, Surreys)
 GREEN BAY—Green Bay Carriage & Wagon Co.
 JANESVILLE—Janesville Carriage Works
 Wisconsin Carriage Co. (Buggies, Concord Buggies & Wagons, Stanhopes, Surreys)
 LA CROSSE—Voigt F.
 MEDFORD—Wesle Bros.
 MILWAUKEE—Grede Geo. & Bro. Co., 248 Reed
 Kaestner August J., 412 Cedar
 North Side Carriage Works
 Schielke & Blommer, 327 5th
 Schueler Bros., 249 Milwaukee
 Sherin W. R. Co., 547 Edison
 MONROE—Fitzgibbons Bros.
 NEENAH—Bergstrom C. H.
 OSHKOSH—Clark J. L. Carriage Co. (Buggies, Buckboards, Concord Buggies & Wagons, Vehicle Pleasure, Driving Buggies, Surreys, Heavy Trucks)
 Neville T.
 SHEBOYGAN—Jung Carriage Co.
 WAUPUN—Morris J. S.

1973— Carriages (Children's)

Adams Carriage Co., Dover, O.
 Bloch Go-Cart Co. (Go-Carts), 1136 N American, Phila., Pa.
 Capital Rattan Co., Indianapolis, Ind.
 Carriage & Toy Co. (Carriages & Go-Carts), 741 W Lombard, Baltimore, Md.
 Carter & Campbell, Winchendon, Mass.
 Children's Vehicle Corp., East Templeton, Mass.
 Collier-Keyworth Co. (Collapsible Go-Carts), Gardner, Mass.
 Coulter's Rattan Wks., 1141 Sutter, San Francisco, Cal.
 Crosby Mfg. Co., Frenchtown, N. J.
 Embossing Co. (Carioles), Albany, N. Y.
 Ficks Reed Co. (Collapsible Go-Carts), 424 Findlay, Cincinnati, O.
 Field C. B. Mfg. Co., Greenfield, Mass.
 Fulton Mfg. Co. (Go-Carts), 1319 S Michigan, Chicago, Ill.
 Garrett Go Cart & Carriage Co. (Go-Carts & Carriages), 1728 Arcade pl, Chicago, Ill.
 Gendron Wheel Co., Toledo, O.
 Glascock Bros. Mfg. Co., Muncie, Ind.
 Hartshorn C. H., Gardner, Mass.
 Heywood Bros. & Wakefield Co. (Also Go-Carts), Gardner, Mass.
 Kelly Bros., Gardner, Mass.
 Kurtz N. M. Rattan Co. (Also Go-Carts), 155 Valencia, San Francisco, Cal.
 Lloyd Mfg. Co., Menominee, Mich.
 Mays Rattan Works, 3347 N Clark, Chicago, Ill.
 Mecky A. Co., 1705 W Allegheny, Phila., Pa.
 Meinecke Mfg. Co., Richards, Milwaukee, Wis.
 Menke Chas., 535 E 15th, New York
 Metal Stamping Corp. (Go-Carts), Streator, Ill.
 National Juvenile Auto Co. (Go-Carts), Toledo, O.
 Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
 Omaha Reed & Rattan Co., Omaha, Neb.
 Pahl E. F. & Co., 1032 3d, Milwaukee, Wis.
 Paris Mfg. Co., South Paris, Me.
 Platt Geo. A., 489 5th av, Brooklyn, N. Y.
 Ramsdell, L. B. Co. (Chairs & Go-Carts), Gardner, Mass.
 Rattan Mfg. Co. (Go-Carts), New Haven, Conn.
 Rich Bros., 221 W Pratt, Baltimore, Md.
 Rieber L. & Co., 16 N 4th, Phila., Pa.
 Sidway Mercantile Co. ("Allwin" & Sidway Collapsible; also Stationary), Elkhart, Ind.
 Sturgis Sheet Go-Cart Co. (Go-Carts), Sturgis, Mich.
 Thayer H. N. Co., Erie, Pa.
 Toledo Metal Wheel Co., Toledo, O.
 Uhlen Carriage Co. (Carriages & Go-Carts), Rochester, N. Y.
 Wagner E. R. Mfg. Co. ("Wagner" Quick Folding Go-Carts), North Milwaukee, Wis.
 Waite Chair Co., Baldswinvill, Mass.
 Walker Chas. T. & Co., 716 W North av, Chicago, Ill.
 Whitney F. A. Carriage Co. (Also Go-Carts and Folding Go-Carts), Leominster, Mass.
 Whitney Reed Corp. (Also Go-Carts), Leominster, Mass.
 Withrow Mfg. Co. ("Oriole," "Go-Basket"), 2727 Spring Grove av, Cincinnati, O.

1974— Carriages (Gun)

Bethlehem Steel Co. (Steel), South Bethlehem, Pa.
 Builders' Iron Foundry Co. ("Builders"), 9 Coddington, Providence, R. I.
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.
 MORGAN ENGINEERING CO. ("Gordon-Morgan" Disappearing, etc.), Alliance, O. See adv index at end of book
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

1975— Carriages (Saw Mill)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book
 American Saw Mill Machinery Co., Hackettstown, N. J.
 Clark Bros. Co., Olean, N. Y.
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
 Diamond Iron Works, 2d & 18th av N, Minneapolis, Minn.

Filer & Stowell Co., Milwaukee, Wis.
 Frick Co., Waynesboro, Pa.
 Garland M. Co., Bay City, Mich.
 Henderson W. K. Iron Works & Supply Co., Shreveport, La.
 Lane Mfg. Co., Montpelier, Vt.
 McDonough Mfg. Co., Eau Claire, Wis.
 Memphis Machine Works, Memphis, Tenn.
 Murray D. J. Mfg. Co., Wassau, Wis.
 Phoenix Mfg. Co., Eau Claire, Wis.
 Southern Engine & Boiler Works, Jackson, Tenn.
 Standard Saw Mill Machy. Co., Erie, Pa.
 Stearns Co., Erie, Pa.
 Union Iron Works, Bangor, Me.
 Wheland Co., Chattanooga, Tenn.
 Wickes Bros., Saginaw, Mich.
See adv index at end of book
Yates P. B. Machine Co., Beloit, Wis.

1976—*Carriages (Tension)

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

1977—*Carriers (Acid Phosphate)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

1978—Carriers (Aerial Cable)

Standard Store Service, Inc., Hartford, Conn.

1979—*Carriers (Barbed Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

Carriers (Bucket)

See Elevators, Bucket

1980—Carriers (Can & Bag, Street Sweeping)

Hvass Chas. & Co., 511 E 18th, New York
 Steel Basket Co., Cedar Rapids, Ia.
 Wirt & Knox Mfg. Co. ("20th Century"), 23d & York, Phila., Pa.

1981—Carriers (Canteen, Axe, Etc.)

Mills Woven Cartridge Belt Co., Worcester, Mass.

1982—Carriers (Carboy)

Berger Specialty Mfg. Co. ("Berger"), Richmond, Va.
 Lansing Co. ("Handy"), Lansing, Mich.

1983—Carriers (Cash)

Baldwin Jas. L. & Co. ("Baldwin" Cash & Parcel), 350 W Madison, Chicago, Ill.
 Burgess Machine Co. (also Bundle Carriers), New Haven, Conn.

LAMSON CO. (also Package Carriers), 100 Boylston, Boston, Mass.
 Universal Pneumatic Transmission Co., 145 W Ohio, Chicago, Ill.

1984—Carriers (Change)

McGill Ticket Punch Co., 542 W Harrison, Chicago, Ill.

1985—Carriers (Egg)

Continental Paper Bag Co., 17 Battery pl, New York.
 National Egg Carrier Co. (Steel Carrier), Council Bluffs, Ia.
 Quincy Egg Carrier Co., Quincy, Ill.
 Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.

1986—Carriers (Feed & Litter)

Automatic Carrier Co. ("Stayon"), Juneau, Wis.
 Dick Jos. Mfg. Co. ("Blizzard," "Crescent"), Canton, O.
 Drew Carrier Co., Waterloo, Wis.
 Foster Steel Stanchion Co., Rochester, N. Y.
 Galloway Wm. Co., Waterloo, Ia.
 Glor Bros. & Willis Mfg. Co. ("Glor," "New Modern"), Attica, N. Y.
 Hackney Mfg. Co., St. Paul, Minn.
 Hall Mfg. Co. ("Hall"), Monticello, Ia.
 Harris Mfg. Co., Salem, O.
 Harrison W. R. & Co. ("Tornado"), Massillon, O.
 Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
 James Mfg. Co., Fort Atkinson, Wis.
 Libby C. A. Co., Oshkosh, Wis.
 Louden Machinery Co. ("Emancipator," "High Lift," "Standard," "Quick Out," "Self Acting," "Double End," "Adjustable," Wire Track & Side Dump), Fairfield, Iowa
 Miller & Hoy Mfg. Co. ("M. & H."), Wauseon, O.
 Milwaukee Hay Tool Co. ("Leader" Steel Track & Wire Cable), Layton Park, Milwaukee, Wis.
 Moyer Mfg. Co. (Rod & Solid Track), Montevideo, Minn.
 Olson Mfg. Co. ("Advance"), Albert Lea, Minn.
 Owantonna Mfg. Co. ("Winner"), Owantonna, Minn.
 Porter J. E. Co. ("Porter"), Ottawa, Ill.
 Rassmann F. Mfg. Co. ("Simplex"), Beaver Dam, Wis.
 Ricker Mfg. Co., Rochester, N. Y.
 Rock Island Plow Co. ("Great Western"), Rock Island, Ill.
 Savage W. J. Co., Knoxville, Tenn.
 Smith Mfg. Co., 161 W Harrison, Chicago, Ill.
 Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
 Warsaw-Wilkinson Co. ("Climax"), Warsaw, N. Y.
 Whitaker Mfg. Co. ("Jarvis"), 409 S Green, Chicago, Ill.

1987—Carriers (Game)

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

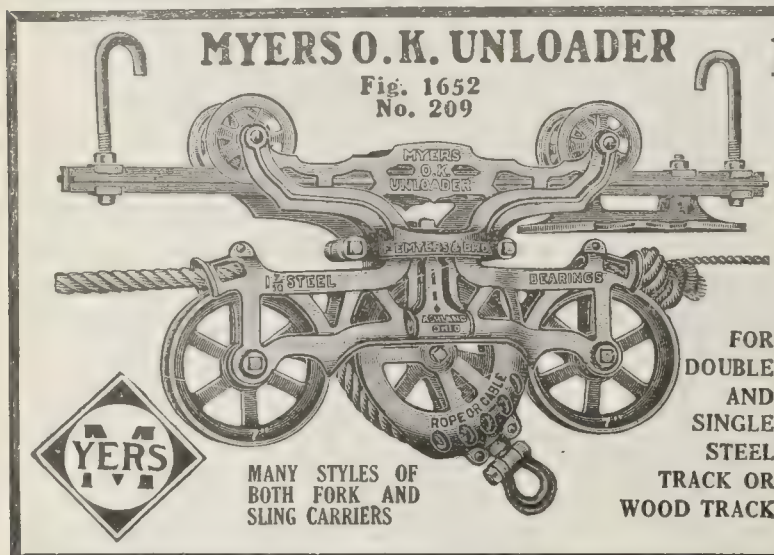
Buckheimer Geo. H., 1004 Rutland av, Baltimore, Md.
 Perfection Mfg. Co., Montgomery & Lefangwell, St. Louis, Mo.

Carriers (Gravity)

See Conveyors, Gravity

1988—Carriers (Hay)

See also Tools, Hay
 Appleton Hay Tool Co. ("Appleton," "Eagle," "Samson"), Appleton, Wis.
 Deitrich C. F., Bryan, O.
 Farrell John, Newton, N. J.
 Goshen Mfg. Co. ("Boyers," "Hercules," "Death Grip," "Goshen"), Goshen, Ind.
 Hackney Mfg. Co. ("Law"), St. Paul, Minn.
 Hunt-Helm-Ferris & Co. ("Star," "Peerless," "Elephant," "Harvard," "One-Way," Sling, Swivel & Reversible), Harvard, Ill.
 Jackson-Byron Iron Works ("Walker"), Berkeley, Cal.
 Jordan, R. C., Ottawa, Ill.
LINK-BELT CO. (For Conveying & Piling Hay in Bales), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Louden Machinery Co. ("Jewell," "Royal," "Victor," "Louden's," Duplex, Cable, Reversible, Junior & Sling, "Universal Sling," "Automatic Sling," "Iowa Sling"), Fairfield, Ia.
 Milwaukee Hay Tool Co. ("Boomer Swivel," "Leader," Rod or Cable, etc.; "Milwaukee," Reversible & Swivel, Wood & Steel Track, etc.), Layton Park, Milwaukee, Wis.
MYERS F. E. & BRO. ("Myers" Unloading for Double Steel Track, Single Steel Track, Wood Track, Cable Track & Cable Draft Rope; "Cloverleaf" Unloader, "Sure Grip" Unloader, "O. K." Unloader, "Faultless" Unloader, Single Rail Unloader, "Imperial" Unloader & "Haymaker" Unloader, Cross Draft Right Angle Triple Holst), 800 Orange, Ashland, O.
See adv index at end of book
 Ney Mfg. Co. ("Genuine Ney"), Canton, O.
 Ney V. L. Co. ("Ney's Latest"), Canton, O.
 Olson Mfg. Co. ("Advance"), Albert Lea, Minn.
 Porter J. E. Co. ("Barnes," "Meadow King," "Meadow Queen," "Porter," "Porter's Columbian," "Champions" Reversible, Sling & Swivel & "Prairie Queen" Steel Track), Ottawa, Ill.
 Ricker Mfg. Co. ("Rochester" Wood or Steel Tracks), Rochester, N. Y.
 Strickler Hay Tool Co. ("Strickler," "Boss" "Deadlock," "Janesville," "Rock River" Steel & Wood Track), Janesville, Wis.
 Swineford G. A. Co. ("Swineford"), Canton, O.
 Syracuse Chilled Plow Co. ("Syracuse"), Syracuse, N. Y.
 Whitaker Mfg. Co. ("Sterling," "Jarvis"), 409 S Green, Chicago, Ill.



MYERS HAY TOOLS

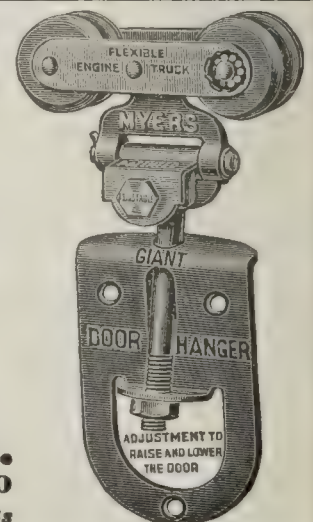
DOOR HANGERS, ETC.

Myers Hay and Grain Unloading Tools including Fork and Sling Unloaders, Forks, Slings, Pulleys, Etc., are favorably known by all dealers and by all users of this class of equipment. They have many points of advantage that mean more sales for the dealer and better service for the user.

Myers' Door Hangers are always the best hangers to hang to. There are twelve different styles for Stayon and Tubular Track.

Write for catalogs describing either or both of above lines.

F. E. MYERS & BRO.
 No. 800 Orange St., ASHLAND, OHIO
 Ashland Pump and Hay Tool Works



1989— Carriers (Mail)

Lamson Co. (Automatic Pick Up & Delivery Systems to Handle Mail, Bills, Documents, etc), 100 Boylston, Boston, Mass.

1990—Carriers (Merchandise)

See also Conveyors, also Trolleys & Trolley Tracks, Overhead

Allith-Prouty Co. ("Allith" Overhead Tracks), Danville, Ill.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Hall Mfg. Co. ("Hall"), Monticello, Ia.
Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.

See adv index at end of book

Howe Scale Co., of Illinois, 1315 S Wabash av, Chicago, Ill.

Hunt C. W. Co., West New Brighton, N. Y. See adv index at end of book

Hunt-Helm-Ferris & Co. ("Star"), Harvard, Ill.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

Lamson Co. (Parcel, Cash, etc., for Stores & Industrial Plants), 100 Boylston, Boston, Mass.

LINK-BELT COMPANY, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

MYERS F. E. & BRO., 800 Orange, Ashland, O. See adv index at end of book

Ricker Mfg. Co., Rochester, N. Y.

ROBINS CONVEYING BELT CO., 13 Park row, New York

See adv index at end of book

1991—Carriers (Milk Bottle)

Andrews Wire & Iron Works, Rockford, Ill.

Hutchins-Kilbourne Co., Buffalo, N. Y.

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O.

See adv index at end of book

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Lamson Co., 100 Boylston, Boston, Mass.

National Mfg. Co., ("Natwire") Worcester, Mass.

Parker Wire Goods Co. (Wire & Flat Steel), Worcester, Mass.

Smith Jno. P. & Co., New Haven, Conn.

United Steel & Wire Co., Battle Creek, Mich.

Woods-Sherwood Co. (Wire), Worcester, Mass.

1992— Carriers (Milk Can)

Harris Mfg. Co., Salem, O.

James Mfg. Co., Fort Atkinson, Wis.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

1992a— *Carriers (Parcel)

Estes E. B. & Sons, 358 5th av, New York.

See adv index at end of book

1993—Carriers (Self-Feeder, Wing)

Carpenter Wing Carrier Mfg. Co. ("Carpenter"), 473 Cleveland, St. Paul, Minn.

Hart Grain Weigher Co. ("Hart-Brown"), Peoria, Ill.

1994— Carriers (Trace)

Frazer & Jones Co. ("Cooper" Patn., "Reynolds" Patn., also Hip Drop), Syracuse, N. Y.

North & Judd Mfg. Co. ("Willson," "Knapp," "Lincoln," "Cooper" Patn., "Calif." Patn., "Nubritain," "Security," etc), New Britain, Conn.

1994a—*Cars (All Around Dump)

EASTON CAR & CONSTRUCTION CO., Fourth St., Easton, Pa.

1994b—*Cars (Annealing Furnace)

EASTON CAR & CONSTRUCTION CO., Fourth St., Easton, Pa.

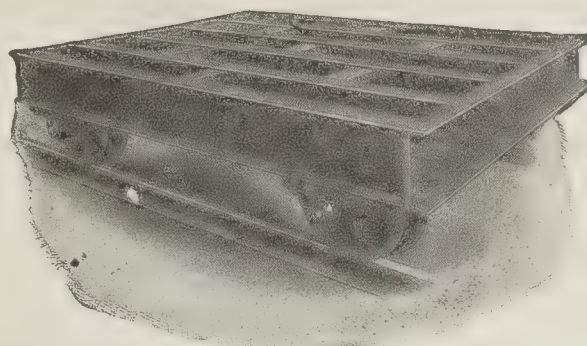
1995— *Cars (Asphalt)

Hunt C. W. Co., West New Brighton, N. Y.

See adv index at end of book

TRUCKS and CARS

OF ALL KINDS, FOR ALL PURPOSES



Roller Bearing Trucks

Roller Bearing Cars

Elevating and Transferring Trucks

Turntables, Trackage and Industrial Equipment of All Kinds

IMPROVED ROAD MACHINERY

WRITE US FOR COMPLETE CATALOGS

The Chase Foundry & Mfg. Co.

No. 2700 So. Parsons Ave.

Columbus, Ohio

1996—Cars (Automatic Air Dump)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.

Goodwin Car Co., 17 Battery pl, New York.

Kilbourne & Jacobs Mfg. Co. ("K. & J."), Columbus, O.

1997— Cars (Ballast)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.

Continental Car & Equipment Co., 17 Battery pl, New York.

Goodwin Car Co., 17 Battery pl, New York

Magor Car Co., 30 Church, New York

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

Rodger Ballast Car Co. ("Hart" Convertible), Railway Exchange bldg, Chicago, Ill.

Western Wheeled Scraper Co. (Bottom & Side Dump), Aurora, Ill.

Youngstown Steel Car Co., Youngstown, O.

1998— Cars (Barney)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

1999— Cars (Billet)

Akron Cultivator Co., Akron, O.

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

Atlas Car & Mfg. Co., Cleveland, O.

See adv index at end of book

Atlas Engineernig Co., Amherst, O.

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

EASTON CAR & CONSTRUCTION CO., 4th St., Easton, Pa.

Hunt C. W. Co., West New Brighton, N. Y.

See adv index at end of book

Jackson Mfg. Co., Harrisburg, Pa.

See adv index at end of book

Magor Car Co., 30 Church, New York

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.

See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.

Youngstown Steel Car Co., Youngstown, O.

2000— *Cars (Boiler Room)

Atlas Engineernig Co., Amherst, O.

See adv index at end of book

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.

See adv index at end of book

EASTON CAR & CONSTRUCTION CO., Fourth St., Easton, Pa.

HUNT C. W. CO., West New Brighton, N. Y. See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry., Phila., Pa.

See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

2001— Cars (Bonding)

Electric Railway Improvement Co. (Portable for Rail Bonding), Cleveland, O.

2002— Cars (Bottom Dump)

See Cars, Drop Bottom; also Cars, Dumping

2002— Cars (Brick & Clay)

See also Trucks, Brick

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

American Clay Machinery Co. (Steel & Wood), S Walnut, Bucyrus, O.

Anderson Foundry & Machine Works, Anderson, Ind.

Arnold-Creager Co., New London, O.

Atlas Car & Mfg. Co. (Also Metal, Brick & Drying Cars, Sand, Lime, Brick, Deck, etc.), Cleveland, O.

See adv index at end of book

Atlas Engineernig Co., Amherst, O.

See adv index at end of book

Bonnot Co., Canton, O.

Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.

Chase Foundry & Mfg. Co., 2700 Parsons av., Columbus, O.

See adv index at end of book

Continental Car & Equipment Co., 17 Battery pl, New York

Desmond M. Mfg. Co., Edwardsville, Ill.

EASTON CAR & CONSTRUCTION CO., Fourth St., Easton, Pa.

Freese E. M. & Co., Galion, O.
 Fulton Pit Car Co. (Clay), Canal, Ful-
 ton, O.
 Globe Machinery & Supply Co., Des
 Moines, Ia.
 Helmick Fdry. & Machine Co., Fairmont,
 W. Va.
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
 International Clay Machinery Co., Day-
 ton, O.
 Jackson & Church Co., Saginaw, Mich.
 Kilbourne & Jacobs Mfg. Co., Columbus, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Clevel-
 and, O.
 Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pitts-
 burgh; San Francisco
 Pratt Engineering & Machine Co., Atlanta,
 Ga.
 Ralston Steel Car Co., Columbus, O.
 Sackett H. B. Screen & Chute Co., 1691
 Elston av, Chicago, Ill.
 Sanford-Day Iron Works, Knoxville, Tenn.
 Sheffield Car Co., Three Rivers, Mich.
 Steele J. C. & Sons, Statesville, N. C.
 Stuart Robt. J. & T. H., New Hamburg,
 N. Y.
 Stuebner G. L. Iron Works, Queensboro
 Terminal, Long Island City, N. Y.
See adv index at end of book
 Truax Mfg. Co., Denver, Colo.
 United Iron Works Co., Springfield, Mo.
 Wellington Machine Co., Wellington, O.
 Whitman Agricultural Works Co. (Wood),
 7000 S B'way, St. Louis, Mo.
 Youngstown Steel Car Co., Youngstown, O.

2003—Cars (Bridge & Gang)

Buda Co., Railway Exchange bldg, Chi-
 cago, Ill.
 Fairbanks, Morse & Co. ("Sheffield"), 900
 S Wabash av, Chicago, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pitts-
 burgh; San Francisco
 Sheffield Car Co., Three Rivers, Mich.

2004—Cars (Cable & Messenger)

Bissell F. Co. ("Security"), Toledo, O.
 Fairmount Electric & Mfg. Co. ("Aero"),
 59th & Woodland av, Phila., Pa.

2005—Cars (Caboose)

American Car & Foundry Co., Syndicate
 Trust bldg, St. Louis, Mo.
 Central Locomotive & Car Works, Fisher
 bldg, Chicago, Ill.
 Georgia Car & Locomotive Co., Atlanta,
 Ga.
 Mount Vernon Car Mfg. Co., Mt. Vernon,
 Ill.
 Pressed Steel Car Co., 307 5th av, Pitts-
 burgh, Pa.
 Russell Car & Snow Plow Co., Ridgway,
 Pa.
 Western Steel Car & Foundry Co., Peoples
 Gas bldg, Chicago, Ill.

Cars (Cane)

See Cars, Plantation

2006—Cars (Canopy)

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pitts-
 burgh; San Francisco
 Ramapo Iron Works, Hillburn, N. Y.
 Sheffield Car Co., Three Rivers, Mich.

2006a—*Cars (Cement)

EASTON CAR & CONSTRUCTION CO.
 Fourth St., Easton, Pa.

2007—Cars (Charging)

Akron Cultivator Co., Akron, O.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Atlas Engineernig Co., Amherst, O.
See adv index at end of book
 Birdsboro Steel Foundry & Machine Co.,
 Birdsboro, Pa.
CHASE FOUNDRY & MFG. CO., 2700
 Parsons av, Columbus, O.
See adv index at end of book
 Chattanooga Car & Fdry. Co., Chatta-
 nooga, Tenn.
 Columbiana Boiler Co., Columbiana, O.
 Denver Engineering Works Co., Denver,
 Colo.
EASTON CAR & CONSTRUCTION CO.
 Fourth St., Easton, Pa.
 Hunt C. W. Co. (Coal), West New Brigh-
 ton, N. Y. *See adv index at end of book*
 Kilbourne & Jacobs Mfg. Co., Columbus, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Clevel-
 and, O.
 Lindsay W. W. & Co. (For Steel Plants),
 Harrison bldg, Phila., Pa.
LINK-BELT COMPANY (Drop Sides, etc),
 39th & Stewart av, Chicago, Ill., &
 Hunting Park av & P. & R. Ry, Phila.,
 Pa. *See adv index at end of book*
 Magor Car Co., 30 Church, New York
 Mesta Machine Co. (Charging Box), Oliver
 bldg, Pittsburgh, Pa.
See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pitts-
 burgh; San Francisco
 Pennsylvania Engineering Works (Ingot &
 Open-Hearth), New Castle, Pa.
 Phillips, Doup & Co., 60 Pearl, Brooklyn,
 N. Y.
 Pressed Steel Car Co., 307 5th av, Pitts-
 burgh, Pa.
 Russel Wheel & Foundry Co., Detroit,
 Mich.
 Stuebner G. L. Iron Works, Queensboro
 Terminal, Long Island City, N. Y.
See adv index at end of book
 Turl Iron & Car Co., Inc., The, 50 Broad,
 New York. Works: Newburgh, N. Y.
 United Iron Works Co., Springfield, Mo.
 Variety Iron & Steel Works Co., Clevel-
 and, O.
 Whiting Foundry Equipment Co., Harvey,
 Ill.
 Worthington Pump & Machy. Corp., 115
 B'way, New York
 Youngstown Steel Car Co. (Box Cars),
 Youngstown, O.

2008—*Cars (Charging, Open-Hearth)

MORGAN ENGINEERING CO., Alliance,
 O. *See adv index at end of book*

Cars (Cinder)

See Cars, Hot Metal or Slag

Cars (Clay)

See Cars, Brick & Clay

2009—Cars (Coal)

American Car & Foundry Co., Syndicate
 Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Barney & Smith Car Co., Dayton, O.
 Bartlett A. F. & Co., Saginaw, Mich.
 Bettendorf Co. (Steel), Bettendorf, Ia.
 Central Locomotive & Car Works, Fisher
 bldg, Chicago, Ill.
EASTON CAR & CONSTRUCTION CO.
 Fourth st, Easton, Pa.
 Empire Supply Co. (Steel Automatic End
 Dump), North Miami, Okla.
ERIE CAR WORKS, 1150 W 17th, Erie,
 Pa.
 Georgia Car & Locomotive Co., Atlanta,
 Ga.
 Goodwin Car Co., 17 Battery pl, New
 York
 Helmick Fdry. & Machine Co., Fairmont,
 W. Va.
 Hunt C. W. Co., West New Brighton,
 N. Y. *See adv index at end of book*

Kennicott Co. (Steel), Chicago Heights,
 Ill.
 Kilbourne & Jacobs Mfg. Co. (Steel Side
 Opening, etc), Columbus, Oo.
LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park av &
 P. R. & R. Ry., Phila., Pa.
See adv index at end of book
 Magor Car Co., 30 Church, New York
 Mead-Morrison Mfg. Co., c Prescott &
 Orleans, East Boston, Mass.
 Mount Vernon Car Mfg. Co., Mount Ver-
 non, Ill.
 National Dump Car Co. (Drop Bottom),
 80 E Jackson bl, Chicago, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pitts-
 burgh; San Francisco
 Phillips, Doup & Co. ("National"), 60
 Pearl, Brooklyn, N. Y.
 Portland Co., Portland, Me.
 Pressed Steel Car Co. (Steel & Composite),
 307 5th av, Pittsburgh, Pa.
 Ralston Steel Car Co., Columbus, O.
 Sanford-Day Iron Works, Knoxville, Tenn.
 Sheffield Car Co., Three Rivers, Mich.
STUEBNER G. L. IRON WORKS,
 Queensboro Terminal, Long Island
 City, N. Y. *See adv index at end of book*
 Truax Mfg. Co., Denver, Col.
 Union Iron Works, Hoboken, N. J.
 United Iron Works Co., Springfield, Mo.
 Watt Mining Car Wheel Co., Barnesville,
 O.
 Wellman-Seaver-Morgan Co., Cleveland,
 O.
 Whitman Agricultural Co. (Wood), 6900
 S B'way, St. Louis, Mo.
 Youngstown Steel Car Co., Youngstown, O.

2010—Cars (Coke)

American Car & Foundry Co., Syndicate
 Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co. (Quenching), Clevel-
 and, O. *See adv index at end of book*
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Cambria Steel Co. (Steel), Widener bldg,
 Phila., Pa.
 Cement Tile Machinery Co., Waterloo, Ia.
 Clark Car Co., 1624 Oliver bldg, Pitts-
 burgh, Pa.
 Georgia Car & Locomotive Co., Atlanta,
 Ga.
 Goodwin Car Co., 17 Battery pl, New York
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park av, &
 P. & R. Ry., Phila., Pa.
See adv index at end of book
 National Dump Car Co. (Drop Bottom),
 80 E Jackson bl, Chicago, Ill.
 Whiting Foundry Equipment Co., Harvey,
 Ill.
 Youngstown Steel Car Co., Youngstown, O.

2011—Cars (Combination)

National Dump Car Co. (Stock, Coke,
 Coal & Beet with Drop Bottom), 80
 E Jackson bl, Chicago, Ill.

2011a—*Cars (Commercial, Gasoline)

CHICAGO PNEUMATIC TOOL CO.
 ("Little Giant") Fisher bldg, Chicago,
 Ill. *See adv index at end of book*

2012—Cars (Concrete)

See also Carts, Concrete
 Acme Equipment & Engineering Co.
 ("Acme"), Garfield bldg, Cleveland,
 O.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Blaker J. L. ("Blaker," Dumping),
 Blaker Mills, W. Va.
 Cement Tile Machy. Co. ("Ideal" for
 Brick & Blocks), Waterloo, Ia.
 Chase Foundry & Mfg. Co., 2700 Parsons
 av, Columbus, Ohio.
See adv index at end of book
 Continental Car & Equipment Co., 17
 Battery pl, New York.
EASTON CAR & CONSTRUCTION CO.
 Fourth st, Easton, Pa.
 Hunt C. W. Co., West New Brighton,
 N. Y. *See adv index at end of book*
 Insley Mfg. Co. (Controllable Side Dump
 & Bottom Dump), Indianapolis, Ind.

Kilbourne & Jacobs Mfg. Co. (Steel End Dump), Columbus, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Magor Car Co., 30 Church, New York
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Ralston Steel Car Co., Columbus, O.
Ransome Concrete Machinery Co., Dunellen, N. J.

Smith T. L. Co., 1151 32d, Milwaukee, Wis.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Union Iron Works, Hoboken, N. J.
United Iron Works Co., Springfield, Mo.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Youngstown Steel Car Co., Youngstown, O.

2013— *Cars (Contractors)

EASTON CAR & CONSTRUCTION CO.
Fourth st, Easton, Pa.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

2014— Cars (Core Oven)

Atlas Car & Mfg. Co., Cleveland, O.

See adv index at end of book
Biehl Iron Wks., Inc., Reading, Pa.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book

EASTON CAR & CONSTRUCTION CO.
Fourth st, Easton, Pa.

Hunt, C. W. Co., West New Brighton, N. Y. *See adv index at end of book*

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

NORTHERN ENGINEERING WORKS,
9 Chene, Detroit, Mich.

See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Sheffield Car Co., Three Rivers, Mich.
United Iron Works Co., Springfield, Mo.
Whiting Foundry Equipment Co., Harvey, Ill.

Youngstown Steel Car Co., Youngstown, O.

2014a— *Cars (Cradle Dump)

EASTON CAR & CONSTRUCTION CO.
Fourth st, Easton, Pa.

2015— *Cars (Creosoting)

EASTON CAR & CONSTRUCTION CO.
Fourth st, Easton, Pa.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

2016— *Cars (Derrick)

American Bridge Co., 30 Church, New York

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.

See adv index at end of book

CLYDE IRON WORKS (Mounted on Cars), Duluth, Minn.

See adv index at end of book

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2017— Cars (Drop Bottom)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.

See adv index at end of book

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

Atlas Car & Mfg. Co., Cleveland, O.

See adv index at end of book

Atlas Engineering Co., Amherst, Ohio

See adv index at end of book

Barney & Smith Car Co., Dayton, O.

Cement Tile Machinery Co., Waterloo, Ia.
Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.

See adv index at end of book

Chattanooga Car & Fdry. Co., Chattanooga, Tenn.

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.

Continental Car & Equipment Co., 17 Battery pl, New York.

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

Focht Geo. Sons, Hoboken, N. J.

Georgia Car & Locomotive Co., Atlanta, Ga.

Goodwin Car Co., 17 Battery pl, New York
Haskell & Barker Car Co., Michigan City, Ind.

Helmick Fdry. & Machine Co., Fairmont, W. Va.

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

Insley Mfg. Co. (Controllable Concrete), Indianapolis, Ind.

Kilbourne & Jacobs Mfg. Co., Columbus, O.

Magor Car Co., 30 Church, New York
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.

National Dump Car Co., 80 E Jackson blvd, Chicago, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Ralston Steel Car Co., Columbus, O.

Ramapo Iron Works, Hillburn, N. Y.

Sheffield Car Co., Three Rivers, Mich.

Smith T. L. Co., 1151 32d, Milwaukee, Wis.

Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Whitman Agricultural Co. (Wood & Steel), 7000 S B'way, St. Louis, Mo.
Youngstown Steel Car Co., Youngstown, O.

2018— Cars (Dryer)

Atlas Car & Mfg. Co., Cleveland, O.

See adv index at end of book

Atlas Engineering Co., Amherst, Ohio

See adv index at end of book

Bonnot Co., Canton, O.

Chambers Bros. Co., 52d nr. Lancaster av., Philadelphia, Pa.

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.

See adv index at end of book

Focht Geo. Sons, Hoboken, N. J.

Globe Machinery & Supply Co., Des Moines, Ia.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2019—*Cars (Dump, Hand, Steam Railway)

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

2020—*Cars (Dump, Industrial)

EASTON CAR & CONSTRUCTION CO.
Fourth st, Easton, Pa.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

2021—*Cars (Dump, Side & Bottom)

EASTON CAR & CONSTRUCTION CO.
Fourth st, Easton, Pa.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

2022— Cars (Dumping)

See also Cars, Mine

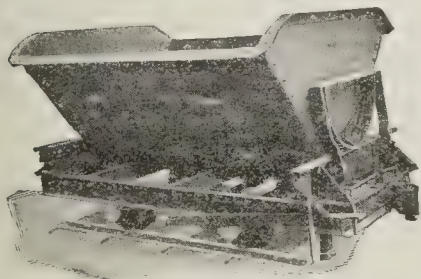
Acme Road Machy. Co., Frankfort, N. Y.
Akron Cultivator Co. (Hand Dump), Akron, O.

American Car & Foundry Co. ("Page" Patented), Syndicate Trust bldg, St. Louis, Mo.

American Clay Machinery Co. (Steel & Wood), S Walnut, Bucyrus, O.

Atlas Car & Mfg. Co. (Electric, End, Bottom, Either Side, Rocker, Rotary, etc), Cleveland, O.

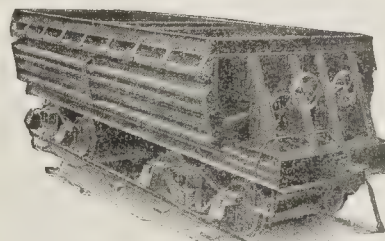
See adv index at end of book



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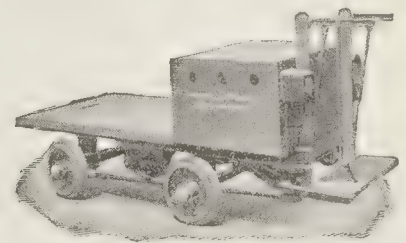
Side Rocker Dump Car, with foot brake. Low sides

Switches, Turntables, Track, Wheels, Axles and complete Industrial Railroad Equipment



No. 161-P

Gable Bottom Pig Iron, heavy construction, Standard Gauge



No. 7050

Storage Battery Truck.

Dump Cars, Flat Cars, Cars for Rolling Mills, Blast Furnaces, Etc.

ELECTRIC LOCOMOTIVES

DEPT. "L"

MARQUETTE AND KEIPER ROAD

The Atlas Car & Mfg. Co.

Cleveland, Ohio

Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Austin Mfg. Co. (Automatic), 901 S Michigan av, Chicago, Ill.
 Bonnot Company, Canton, O.
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Buffalo Pitts Co. (Contractors), Buffalo, N. Y.
 Cement Tile Machinery Co., Waterloo, Ia.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
 Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.
See adv index at end of book
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.
 Clark Car Co. (Steel Balanced Door), 1624 Oliver bldg, Pittsburgh, Pa.
 Continental Car & Equipment Co., 17 Battery pl, New York.
 Davis F. M. Iron Works Co., Denver, Colo.
 Denver Engineering Works Co., 30th & Blake, Denver, Colo.
 Dillon-Box Iron Works Co., Denver, Colo.
 Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
EASTON CAR & CONSTRUCTION CO., Fourth st, Easton, Pa.
 Empire Supply Co. (Steel Automatic End Dump), North Miami, Okla.
 Exeter Machine Works, Pittston, Pa.
 Focht Geo. Sons, Hoboken, N. J.
 Goodwin Car Co., 17 Battery pl, New York
 Haskell & Barker Car Co., Michigan City, Ind.
 Helmick Fdry & Machine Co., Fairmont, W. Va.
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
 Insley Mfg. Co. (Controllable Side & Bottom Concrete), Indianapolis, Ind.
 International Clay Machinery Co., Dayton, Ohio.
 Inter-State Car Co., Indianapolis, Ind.
 Irwin Foundry & Mine Car Co. (Contractors, etc), Irwin, Pa.
 Kalamazoo Railway Supply Co. (Contractors), Kalamazoo, Mich.
 Kilbourne & Jacobs Mfg. Co., Columbus, O.
 Lake Shore Engine Works (Rotary, etc., All Kinds), Marquette, Mich.
LAKEWOOD ENGINEERING CO. (Steel Body Side Rocker Dump, Steel Body End Dump & Wood Body End Dump), Cleveland, O.
See adv index at end of book
LINK-BELT COMPANY (Side & Bottom Dump, etc), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Magor Car Co., 30 Church, New York
 Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
 National Dump Car Co. (Gondola, Drop Bottom), 80 E Jackson blvd, Chicago, Ill.
 Oliver Wm. J. Mfg. Co. (Contractors' All Steel Frame Cars, Automatic Couplers & Air Brakes), Knoxville, Tenn.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Port Huron Engine & Thresher Co. (For Hauling Stone Gravel, etc., for Macadam Roads), Port Huron, Mich.
 Portland Co., Portland, Me.
 Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
 Ralston Steel Car Co., Columbus, O.
 Ramapo Iron Works, Hillburn, N. Y.
 Rodgers Ballast Car Co., Chicago, Ill.
 Russel Wheel & Foundry Co., Detroit, Mich.
 Sanford-Day Iron Works, Knoxville, Tenn.
 Sheffield Car Co., Three Rivers, Mich.
 Stedman's Foundry & Machine Works (For Fertilizer Works), Aurora, Ind.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Summers Steel Car Co. (Gravity), Oliver bldg, Pittsburgh, Pa.
 Treadwell M. H. Co., 140 Cedar, New York

Truax Mfg. Co. (Jno. T. Plummer, Prop.), (Steel), Denver, Colo.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
 Union Iron Works (Steel), Hoboken, N. J.
 United Iron Works Co., Springfield, Mo.
 Western Wheeled Scraper Co., Aurora, Ill.
 Whitman Agricultural Co. (Wood & Steel), 7000 S B'way, St. Louis, Mo.
 Youngstown Steel Car Co. (All Steel, Automatic or Hand, Rocker, Side Dump, Rotary Dump, etc), Youngstown, O.
See adv index at end of book

2023—Cars (Dumping, Railroad)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
 Goodwin Car Co., 17 Battery pl, New York

2023a—*Cars (Electric)

ATLAS CAR & MFG. CO., Cleveland, O.
See adv index at end of book

2024—*Cars (Electric Conveying)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2025—Cars (Fibre)

See Trucks, Mill

2026—Cars (Flat)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Baltimore Car & Fdry Co., Pittsburgh, Pa.
 Barney & Smith Car Co. (Steel & Wood), Dayton, O.
 Bettendorf Co. (All Steel), Bettendorf, Ia.
 Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
 Chattanooga Car & Fdry Co., Chattanooga, Tenn.
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Ga. Car & Locomotive Co., Atlanta, Ga.
 Haskell & Barker Car Co., Michigan City, Ind.
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
 Insley Mfg. Co. (Skeleton Steel Frame Industrial), Indianapolis, Ind.
 Magor Car Co., 30 Church, New York
 Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Portland Co. (Narrow Gauge), Portland, Me.
 Ralston Steel Car Co., Columbus, O.
 Ramapo Iron Works, Hillburn, N. Y.
 Russel Wheel & Foundry Co., Detroit, Mich.
 Sheffield Car Co. (Wood), Three Rivers, Mich.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.
 Western Wheeled Scraper Co., Aurora, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2027—Cars (Foundry)

Akron Cultivator Co., Akron, O.
 Atlas Car & Mfg. Co. (Ladle, Foundry, etc), Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, Ohio
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
 Focht Geo. Sons, Hoboken, N. J.

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
 Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
 Kilbourne & Jacobs Mfg. Co., Columbus, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.
 Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 Russel Wheel & Foundry Co., Detroit, Mich.
 Sheffield Car Co., Three Rivers, Mich.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 United Iron Works Co., Springfield, Mo.
 Variety Iron & Steel Works Co. (For Steel Works, etc), Cleveland, O.
 Whiting Foundry Equipment Co., Harvey, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2028—Cars (Freight)

American Car & Foundry Co. (Wooden & Steel), Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Baltimore Car & Foundry Co. (Metal, Wood & Composite), Pittsburgh, Pa.
 Barney & Smith Car Co. (Steel & Wood), Dayton, O.
 Brill J. G. Co., 62nd & Woodland av, Phila., Pa.
 Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Georgia Car & Locomotive Co., Atlanta, Ga.
 Haskell & Barker Car Co., Michigan City, Ind.
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
 Inter-State Car Co., Indianapolis, Ind.
 Keith Car & Mfg. Co., Sagamore, Mass.
 Laconia Car Co., 60 Congress, Boston, Mass.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
 Magor Car Co., 30 Church, New York
 Middletown Car Co., Middletown, Pa.
 Mount Vernon Car Mfg. Co., Mount Vernon, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Portland Co. (Narrow Gauge), Portland, Me.
 Pressed Steel Car Co. (Steel & Composite), 307 5th av, Pittsburgh, Pa.
 Pullman Co., Pullman bldg, Chicago, Ill.
 Ralston Steel Car Co. (Steel & Wooden), Columbus, O.
 Ramapo Iron Works, Hillburn, N. Y.
 Rodger Ballast Car Co. ("Hart," Convertible), Railway Ex bldg, Chicago, Ill.
 Sheffield Car & Equipment Co., Sheffield, Mo.
 Standard Steel Car Co. (All Steel & Composite Steel & Wood), A. V. R. R., Pittsburgh, Pa.
 Summers Steel Car Co., Oliver bldg, Pittsburgh, Pa.
 Western Steel Car & Foundry Co. (Wood & Steel), Peoples Gas bldg, Chicago, Ill.
 Youngstown Steel Car Co. (Standard), Youngstown, O.

2029—Cars (Gable Bottom)

EASTON CAR & CONSTRUCTION CO., Fourth st., Easton, Pa.
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
Youngstown Steel Car Co., Youngstown, O.

2030— Cars (Gas Coke)

Akron Cultivator Co., Akron, O.
Focht Geo. Sons, Hoboken, N. J.
Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Youngstown Steel Car Co., Youngstown, O.

2031— *Cars (Gas-Electric)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

2032— Cars (Gondola)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Barney & Smith Car Co., Dayton, O.
Bettendorf Co., Bettendorf, Ia.
Cambria Steel Co. (Also Steel Hopper Gondola), Widener bldg, Phila., Pa.
Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
Chattanooga Car & Fdry. Co., Chattanooga, Tenn.
Continental Car & Equipment Co., 17 Battery pl, New York
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Magor Car Co. (Steel), 30 Church, New York
Milwaukee Refrigerator Transit & Car Co., Pt Washington rd, Milwaukee, Wis.
National Dump Car Co. (Dumping Drop Bottom), 80 E Jackson blvd, Chicago, Ill.
Ralston Steel Car Co. (Self-Cleaning Drop Bottom), Columbus, O.
Rodgers Ballast Car Co. ("Hart" Convertible), Railway Exch bldg, Chicago, Ill.
Standard Steel Car Co., A. V. R. R., Pittsburgh, Pa.
Youngstown Steel Car Co., Youngstown, O.

2033— Cars (Gravity Dump)

Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Goodwin Car Co., 17 Battery pl, New York
Summers Steel Car Co. ("Summers"), Oliver bldg, Pittsburgh, Pa.

2034— Cars (Hand & Push)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Buda Co., Railway Exch bldg, Chicago, Ill.
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Continental Car & Equipment Co., 17 Battery pl, New York
EASTON CAR & CONSTRUCTION CO. (All Hand Dump), Fourth st., Easton, Pa.
Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Glover Machine Works, Marietta, Ga.
Hunt C. W. Co. (Also Hand Dump), West New Brighton, N. Y.
See adv index at end of book
Kalamazoo Railway Supply Co. (Section), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Lansing Co., Lansing, Mich.
Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
Sheffield Car Co. (Steel), Three Rivers, Mich.
Standard Scale & Supply Co., The (Hand), 1631 Liberty av, Pittsburgh, Pa.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Whitman Agricultural Co. (Wood), 7000 S B'way, St. Louis, Mo.
Youngstown Steel Car Co., Youngstown, O.

2035— Cars (Hopper)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Central Locomotive & Car Works, Fisher bldg., Chicago, Ill.
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
Continental Car & Equipment Co., 17 Battery pl, New York
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
Jackson Mfg. Co. (Drop Bottom), Harrisburg, Pa. *See adv index at end of book*

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Ralston Steel Car Co., Columbus, O.
United Iron Works Co., Springfield, Mo.
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.
Youngstown Steel Car Co., Youngstown, O.

2036—Cars (Hot Metal or Slag)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Atlas Engineering Co., Amherst, O.
See adv index at end of book
Connelly D. Boiler Co., Cleveland, O.
Davis F. M. Iron Works Co. (Slag), Denver, Col.
Denver Engineering Works Co. (Slag Only), Denver, Col.
Dillon Box Iron Works Co. (Slag), Denver, Col.
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
Focht Geo. Sons, Hoboken, N. J.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Goodwin Car Co. (Slag), 17 Battery pl, New York
Hunt C. W. Co. (Cinder), West New Brighton, N. Y.
See adv index at end of book
Jackson Mfg. Co., Harrisburg, Pa.
See adv index at end of book
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
Penna. Engineering Works, New Castle, Pa.
Pollock Wm. B. Co. ("P. T. Berg," for Cinder & Hot Metal), Youngstown, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ramapo Iron Works, Hillburn, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Sheffield Car Co., Three Rivers, Mich.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Treadwell M. H. Co., 140 Cedar, New York
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
United Iron Works Co., Springfield, Mo.
Weimer Machine Works Co. (Any Capacity & Style), Lebanon, Pa.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Whiting Foundry Equipment Co., Harvey, Ill.
Youngstown Steel Car Co., Youngstown, O.

2037— Cars (Industrial)

See also Railways, Industrial & Portable
Akron Cultivator Co., Akron, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
ATLAS CAR & MFG. CO. (Narrow Gauge Railway), Cleveland, O.
See adv index at end of book
ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
Biehle Iron Wks., Inc., Reading, Pa.
Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Continental Car & Equipment Co., 17 Battery pl, New York
Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
EASTON CAR & CONSTRUCTION COMPANY, 4th st, Easton, Pa.
Exeter Machine Works, Pittston, Pa.
Fairmont Gas Engine & Railway Motor Car Co., Fairmont, Minn.
Focht Geo. Sons, Hoboken, N. J.
Globe Machinery & Supply Co. (Cement), Des Moines, Ia.
Goodwin Car Co., 17 Battery pl, New York
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
Insley Mfg. Co. (Skeleton Steel Frame Flat), Indianapolis, Ind.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Magor Car Co., 30 Church, New York
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Mineral Ridge Mfg. Co., Mineral Ridge, Ohio
Mundy J. S. Hoisting Engine Co. (Self-Propelling), 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ralston Steel Car Co., Columbus, O.
Ramapo Iron Works, Hillburn, N. Y.
Russel Wheel & Foundry Co., Detroit, Mich.
Sanford-Day Iron Works, Knoxville, Tenn.
Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Treadwell M. H. Co. 140 Cedar, New York
Treadwell M. H. Co. of Illinois, 208 La Salle, Chicago, Ill.
Union Iron Works, Hoboken, N. J.
United Iron Works Co., Springfield, Mo.
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
Worthington Pump & Machy. Corp. (Steel), 115 B'way, New York
Youngstown Steel Car Co., Youngstown, O.

2038— Cars (Ingot)

Aetna Foundry & Machine Co., Warren, O.
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co. (Steel), Cleveland, O. *See adv index at end of book*
 Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
 Focht Geo. Sons, Hoboken, N. J.
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
 Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*
 Magor Car Co., 30 Church, New York
 Marshall Foundry Co, Pittsburgh, Pa.
 Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 Pennsylvanite Engng. Works, New Castle, Pa.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Sheffield Car Co. (Steel), Three Rivers, Mich.
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
 Treadwell M. H. Co. of Illinois, 203 S La Salle, Chicago, Ill.
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co., Youngstown, O.
 Youngstown Foundry & Machine Co., Youngstown, O.

2039— Cars (Inspection)

See also Cars, Motor, Inspection
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Buda Co., Railway Exch. bldg., Chicago, Ill.
 Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
 Hotchkiss, Blue & Co., 80 E Jackson bl, Chicago, Ill.
 Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
 Northwestern Steel & Iron Works, Eau Claire, Wis.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
 Sheffield Car Co., Three Rivers, Mich.
 Teeter-Hartley Motor Co., Hagerstown, Ind.

2040— Cars (Interurban)

See Cars, Street & Electric

2041—Cars (Interurban Gasoline)

McKeen Motor Car Co. ("McKeen"), 1222 Webster, Omaha, Neb.

Cars (Ladle)

See Cars, Foundry

2042— Cars (Liquid Cinder)

See also Cars, Hot Metal & Slag
 Hartman Co. (End & Side Dump), 1231 N Front, Phila., Pa.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
 Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*
 Weimer Machine Works Co. (Hand or Power Dump, Air, Electric & Steam Power), Lebanon, Pa.
 Youngstown Steel Car Co., Youngstown, O.

2043— Cars (Logging)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
 Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
 Barney & Smith Car Co., Dayton, O.
 Bettendorf Co., Bettendorf, Ia.
 Butterworth & Lowe, Grand Rapids, Mich.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
 Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O. *See adv index at end of book*
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.
 Climax Mfg. Co., Corry, Pa.
 Continental Car & Equipment Co., 17 Battery pl, New York
 Dilley Foundry Co., Pine Bluff, Ark.
 Dilley Geo. E. & Son, Palestine, Tex.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Georgia Car & Locomotive Co., Atlanta, Ga.
 Helmick Fdry & Machine Co., Fairmont, W. Va.
 Holt Mfg. Co., Stockton, Cal.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Magor Car Co., 30 Church, New York
 Marshall Car Wheel & Fdry Co., Marshall Tex.
 Moffitt Iron Works Co., Sanford, N. C.
 Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Portland Co. (Log Bunks), Portland, Me.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Raleigh Iron Works Co., Raleigh, N. C.
 Ralston Steel Car Co., Columbus, O.
 Ramapo Iron Works, Hillburn, N. Y.
 Russel Wheel & Foundry Co., Detroit, Mich.
 Sanford-Day Iron Works, Knoxville, Tenn.
 Sheffield Car Co., Three Rivers, Mich.
 Tredegar Co., Richmond, Va.
 Union Iron Works Co., Selma, Ala.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2044— Cars (Matte Tapping)

Pacific Foundry Co. ("Kilker's Patent"), 18th & Harrison, San Francisco, Cal.

2044a—Cars (Mine, Rail & Machy.)

Baird Machinery Co., 123 Water, Pittsburgh, Pa.

2045— Cars (Mine & Ore)

ALLIS-CHALMERS MFG. CO., (Electric) Milwaukee, Wis.

See adv index at end of book
 American Bridge Co., 30 Church, New York

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*

Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*

Barney & Smith Car Co., Dayton, O.

Brill J. G. Co., 62d & Woodland av, Phila., Pa.

Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.

Chattanooga Car & Foundry Co., Chattanooga, Tenn.

Cherry Tree Machine Co., Cherry Tree, Pa.

Clark Car Co. (Steel Dumping), 1624 Oliver bldg., Pittsburgh, Pa.

Connellsville Machine & Car Supply Co., Connellsville, Pa.

Continental Car & Equipment Co., 17 Battery pl, New York

Dav's F. M. Iron Works Co., Denver, Colo.

Denver Engineering Works Co., Denver, Colo.

Dillon-Box Iron Works Co., Denver, Col.
 Duncan Foundry & Machine Works, Alton, Ill.

Eagle Iron Works (Coal Ouly), Des Moines, Ia.

EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.

Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.

Engineering Works, Van Buren, Ark.

Exeter Machine Works, Pittston, Pa.

Fairmont Mining Machinery Co., Fairmont, W. Va.

Fulton Pit Car Co., Canal Fulton, O.

Focht Geo. Sons, Hoboken, N. J.

Galena Iron Works Corp. (Steel & Wood), Galena, Ill.

Goodwin Car Co., 17 Battery pl, New York

Great Western Mfg. Co., Leavenworth, Kan.

Gustafson Mfg. Co., Chattanooga, Tenn.

Harman & Hassert, Bloomsburg, Pa.

Harris-Stevens Co., Pittsburgh, Pa.

Hassell Iron Works Co., Colorado Springs, Col.

Helmick Foundry & Machine Co., Fairmont, W. Va.

Hempfield Foundry, Greensburg, Pa.

Hendrick Mfg. Co. (Steel), Carbondale, Pa.

Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.

Hendy J. Iron Works, 75 Tremont, San Francisco, Cal.

Herzler & Henninger Machine Works (Coal Mine), Belleville, Ill.

Hockensmith Wheel & Mine Car Co. (Wood, Steel or Combination), Penn Station, Pa.

Imperial Iron Works, Duluth, Minn.

Irwin Foundry & Mine Car Co., Irwin, Pa.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Kanawha Mine Car Co., Charleston, W. Va.

Kilbourne & Jacobs Mfg. Co. (Pressed Steel, Side & Rotary Dump, Hopper, etc), Columbus, O.

Lake Shore Engine Works (Of All Kinds), Marquette, Mich.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Lansing Co. (Steel, etc), Lansing, Mich.

McFarlane Mfg. Co., 3309 Blake, Denver, Colo.

MACKINNON BOILER & MACHINE CO., 218 N. Water, Bay City, Mich.

See adv index at end of book
 Magor Car Co., 30 Church, New York

Mineral Ridge Mfg. Co., Mineral Ridge, O.

Mount Carmel Iron Works, Mt. Carmel, Pa.

Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.

National Iron Works, Spokane, Wash.

Niles Mine & Mill Supply Co., Cleveland, O.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Ottumwa Box Car Loader Co., Ottumwa, Ia.

Ottumwa Iron Works, Ottumwa, Ia.

Pennsylvania Engineering Works, New Castle, Pa.

Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.

Phillips Mine & Mill Supply Co. (Steel & Wood), 2227 Jane, Pittsburgh, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Prox Frank Co., Terre Haute, Ind.

Punxsutawney Foundry & Machine Co., Punxsutawney, Pa.

Ralston Steel Car Co., Columbus, O.

Ramapo Iron Works, Hillburn, N. Y.

Rome Machine & Fdry. Co., Rome, Ga.

Russel Wheel & Foundry Co., Detroit, Mich.

Sanford-Day Iron Works, Knoxville, Tenn.

Sheffield Car Co., Three Rivers, Mich.

Silver Bros. Iron Works Co., Salt Lake City, Utah

Southern Illinois Machine & Foundry Co., Murphysboro, Ill.

Spicer Mfg. Co., New Philadelphia, O.

Star Mfg. Cfo., New Lexington, O.
 Stine S. B., Osceola Mills, Pa.
STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Suppes Forge & Foundry Co., Johnstown, Pa.
 Traylor Engineering & Mfg. Co., Allentown, Pa.
 Truax Mfg. Co., Denver, Colo.
 Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.
 Union Iron Works, Spokane, Wash.
 United Iron Works Co., Springfield, Mo.
 Watt Mining Car Wheel Co. (Steel, etc), Barnesville, O.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2046— Cars (Mold Drying)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 United Iron Works Co., Springfield, Mo.
 Whiting Foundry Equipment Co., Harvey, Ill.

2047—Cars (Motor, Inspection)

See also Cars, Inspection; also Cars, Velocipede
 Buda Co., Railway Exchange bldg, Chicago Ill.
CHICAGO PNEUMATIC TOOL CO. (Gasoline), Fisher bldg, Chicago, Ill.
See adv index at end of book
 Fairbanks, Morse & Co. ("Sheffield" Gasoline & Kerosene), 900 S Wabash av, Chicago, Ill.
 Fairmont Gas Engine & Railway Motor Co., Fairmont, Minn.
 Kalamazoo Ry Supply Co., Kalamazoo, Mich.
 Mudge & Co. ("Adams" Gasoline), 80 E Jackson blvd, Chicago, Ill.
 Nichols, Geo. P. & Bro., Old Colony bldg, Chicago, Ill.
 Northwestern Steel & Iron Works, Eau Claire, Wis.
 Railway Specialty Co., Atchison, Kan.
 Sheffield Car Co. (Steel), Three Rivers, Mich.
 Teeter-Hartley Motor Co., Hagerstown, Ind.

2048— Cars (Passenger)

See also Cars, Street & Electric
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Barney & Smith Car Co. (Coaches, Sleepers, Dining, Private, Cafe, Baggage, Postal, Parlor, Observation, All Steel & Steel & Wood), Dayton, O.
 Bradley Osgood Car Co., Worcester, Mass.
 Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
 Georgia Car & Locomotive Co., Atlanta, Ga.
 Hall-Scott Motor Car Co. ("Hall-Scott"), Crocker bldg, San Francisco, Cal.
 Harlan & Hollingsworth Corp., ft of West, Wilmington, Del.
 Hotchkiss, Blue & Co., 80 E Jackson blvd, Chicago, Ill.
 Jewett Car Co. ("Jewett"), Newark, O.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
 McKee Motor Car Co. ("McKee" Gasoline), 1222 Webster, Omaha, Neb.
 Niles Car & Mfg. Co., Niles, O.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Pullman Co., Pullman bldg, Chicago, Ill.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Standard Steel Car Co. (All Steel & Composite Steel & Wood), A. V. R. R., Pittsburgh, Pa.

2048a— *Cars (Pig Iron)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.

2049— Cars (Pit)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Helmick Fdry & Machine Co., Fairmount, W. Va.
 Marshall Foundry Co. (Soaking Pit), Pittsburgh, Pa.

LAKEWOOD LINE
LAKEWOOD ENGINEERING CO., Cleveland, O.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Stine S. B., Osceola Mills, Pa.
 United Iron Works Co. (Coal), Springfield, O.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2050— Cars (Plantation)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.
 Buda Co., Railway Ex. bldg, Chicago, Ill.
 Cagney Bros, 237 W 34th, New York
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
 Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.
See adv index at end of book
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.
 Continental Car & Equipment Co., 17 Battery pl., New York
 Focht Geo. Sons, Hoboken, N. J.
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
 Kalamazoo Railway Supply Co. (Cane), Kalamazoo, Mich.
 Kilbourne & Jacobs Mfg. Co. (Steel Standard & Shovel Nose, etc), Columbus, O.
 Kilby Car & Foundry Co. (Cane), Anniston, Ala.

LAKEWOOD LINE
LAKEWOOD ENGINEERING CO., Cleveland, O.
LINK-BELT CO., 30th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Magor Car Co., 30 Church, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Ramapo Iron Works, Hillburn, N. Y.
 Sheffield Car Co., Three Rivers, Mich.
TURL IRON & CAR CO., INC. THE, 50 Broad, New York. Works: Newburgh, N. Y.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co. (Steel Sugar Cane, etc), Youngstown, O.

2051—Cars (Plate & Sheet Mill)

Atlas Car & Mfg. Co. (Steel), Cleveland, O.
See adv index at end of book
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Sheffield Car Co. (Steel), Three Rivers, Mich.
 Weimer Machine Works Co., Lebanon, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2051a— *Cars (Platform)

EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.

2052— Cars (Pole Road)

Butterworth & Lowe, Grand Rapids, Mich.
 Sanford-Day Iron Works, Knoxville, Tenn.

Cars (Quarry)

See Cars, Industrial

2053—Cars (Railroad, Repaired or Rebuilt)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Georgia Car & Locomotive Co., Atlanta, Ga.
 Grant Locomotive & Car Works, Houston, Tex.
 Indiana Car & Equipment Co., 20 W Jackson blvd, Chicago, Ill.
 Inter-State Car Co., Indianapolis, Ind.
 Milwaukee Refrigerator Transit & Car Co., Pt. & Washington rd, Milwaukee, Wis.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2054— Cars (Refrigerator)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Haskell & Barker Car Co., Michigan City, Ind.
 Milwaukee Refrigerator Transit Car Co., Pt Washington rd, Milwaukee, Wis.
 Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Cars (Rock)

See Cars, Industrial

2054a—*Cars (Rolling Mill)

ATLAS CAR & MFG. CO., Cleveland, O.
See adv index at end of book

2055— Cars (Rotary Tunnel)

See also Cars, Tunnel
 Western Wheeled Scraper Co., Aurora, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2055a— *Cars (Scale)

ATLAS CAR & MFG. CO., Cleveland, O.
See adv index at end of book

2056— Cars (Scale Test)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.,

2056a— *Cars (Scoop)

EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.

2057— Cars (Second-Hand)

See also Railroad Equipments, Second Hand
 Baldwin Equipment & Supply Co. (Con-tractors', Dump, etc), Fisher bldg, Chicago, Ill.

Central Locomotive & Car works, Fisher bldg Chicago, Ill.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Fltz Hugh-Luther Co. (Passenger & Freight), Monadnock blk, Chicago, Ill.
 General Equipment Co., 30 Church, New York
 Georgia Car & Locomotive Co., Atlanta, Ga.
 Grant Locomotive & Car Works, Houston, Tex.
 Males Co., 2226 Fulton av, Cincinnati, O.
 Meyer Henry H. Co., 110 S Howard, Baltimore, Md.
See adv index at end of book
 Mithskun M. Co., Detroit, Mich.
 Shaw Willis (Dumping, Flat, etc), 80 E Jackson blvd, Chicago, Ill.
 Smith Loyd J. (Electric Street), 20 W Jackson blvd, Chicago, Ill.
 Southern Iron & Equipment Co., Atlanta, Ga.
 Watson John B. Co., Witherspoon bldg, Phila., Pa.
 Zelnicker Walter A. Sup. Co., 325 Locust, St. Louis, Mo.

Cars (Section)

See Cars, Hand & Push; Also Cars, Motor Inspection

2058— *Cars (Shop)

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, O.
See adv index at end of book
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

2059— *Cars (Side Dump)

EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

2060— Cars (Skip)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
 Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Ransome Concrete Machinery Co. (Self-Dumping), Dunellen, N. J.
 Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works, Newburgh, N. Y.
 United Iron Works Co., Springfield, Mo.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Youngstown Steel Car Co., Youngstown, O.

2061— Cars (Slag)

See Cars, Hot Metal or Slag

2062— Cars (Spreader)

Buffalo Pitts Co. (Stone Only), Buffalo, N. Y.
Continental Car & Equipment Co., 17 Battery Pl, New York
 Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*
 Mann-McCann Co. ("McCann's" & "Mann" Spreader & Grader), 305 S La Salle, Chicago, Ill.
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
 Western Wheeled Scraper Co., Aurora, Ill.

2063—Cars (Sprinkling, Street Railway)

American Car Sprinkler Co., Worcester, Mass.
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Kensington Engine Works Co., Beach cor E Berks, Phila., Pa.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Smith-Wallace Corp. (Electric), Woburn, Mass.
 Studebaker Corp'n, South Bend, Ind.
 Winkler-Grimm Corp., South Bend, Ind.

2064— Cars (Steam Shovel)

Baltimore Car & Fdry. Co., Pittsburgh, Pa.
 Sanford-Day Iron Works, Knoxville, Tenn.
 Western Wheeled Scraper Co., Aurora, Ill.

2065— Cars (Steel)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
 Baltimore Car & Fdry Co., Pittsburgh, Pa.
 Barney & Smith Car Co., Dayton, O.
 Bettendorf Co., Bettendorf, Ia.
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Cambria Steel Co. (Gondola, Hopper, Flat, Tank, etc) Widener bldg., Phila., Pa.
 Chase Foundry & Mfg. Co., 2700 Parsons av., Columbus, Ohio. *See adv index at end of book*
 Clark Car Co., 1624 Oliver bldg, Pittsburgh, Pa.
 Continental Car & Equipment Co., 17 Battery pl, New York
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
ERIE CAR WORKS, 1150 W 17th, Erie, Pa.
 Globe Machinery & Supply Co., Des Moines, Iowa
 Goodwin Car Co., 17 Battery pl, New York
 Harlan & Hollingsworth Corp., ft. of West Wilmington, Del.
 Insley Mfg. Co. (Industrial & Concrete), 3500 E St. Clair, Indianapolis, Ind.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Magor Car Co., 30 Church, New York
 Mt. Vernon Car Mfg. Co. (Freight), Mt. Vernon, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.
 Ralston Steel Car Co., Columbus, O.
 Ramapo Iron Works, Hillburn, N. Y.
 St. Louis Car Co. (Of All Kinds), 8000 N B'way, St. Louis, Mo.
 Standard Steel Car Co., Butler, Pa.
 Summers Steel Car Co., Oliver bldg., Pittsburgh, Pa.
 Youngstown Steel Car Co., Youngstown, O.

2066—Cars (Steel Mining & Dump)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
 Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
 Champion Iron Co. (Steel Dump), Kenton, O.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Dillon-Box Iron Works Co., Denver, Col.
 Easton Car & Construction Co., 4th st, Easton, Pa.
 Goodwin Car Co. (Dump), 17 Battery pl, New York
 Hendrick Mfg. Co. (Mining), Carbondale, Pa.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
 Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.

See adv index at end of book
 Pressed Steel Car Co., 307 5th av., Pittsburgh, Pa.

Ramapo Iron Works, Hillburn, N. Y.
 Russel-Wheel & Foundry Co., Detroit, Mich.

Sanford-Day Iron Works, Knoxville, Tenn.
 Sheffield Car Co., Three Rivers, Mich.
 Standard Steel Car Co., Butler, Pa.
 Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

Truax Mfg. Co., Denver, Colo.
 United Iron Works Co., Springfield, Mo.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

Youngstown Steel Car Co., Youngstown, O.

Cars (Stone)

See Cars, Industrial

2067— Cars (Storage Battery)

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
 Brill J. G. Co. (With "Hycap-Exide" Batteries), 62nd & Woodland av, Phila., Pa.
 Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*
 Railway Storage Battery Car Co. (Edison Storage Battery Car), 50 Broad, New York

2068—Cars (Street & Electric)

American Car Co., 1518 S Vandeventer av, St. Louis, Mo.
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Atlas Car & Mfg. Co. (Electric), Cleveland, O. *See adv index at end of book*
 Barber Car Co., York, Pa.
 Barney & Smith Car Co., Dayton, O.
 Bradley Osgood Car Co., Worcester, Mass.
 Brill J. G. Co., 62nd & Woodward av, Phila., Pa.
 Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.
 Jewett Car Co. (Also Interurban), Newark, O.
 Kuhlman G. C. Car Co. (See J. G. Brill Co.), Collingwood, O.
 Laconia Car Co., Boston, Mass. Works: Laconia, N. H.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg., Chicago, Ill.
 Niles Car & Mfg. Co., Niles, O.
 Pressed Steel Car Co., Pittsburgh, Pa.
 Pullman Co., Chicago, Ill., & New York
 Russell Car & Snow Plow Co., Ridgway, Pa.
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
 Southern Car Co., High Point, N. C.
 Woerber Car & Mfg. Co., Denver, Colo.

Cars (Sugar Cane)

See Cars, Plantation

2069— Cars (Tank)

See also Tanks, Car

Allegheny Foundry Co., Ltd. (Steel), Warren, Pa.
 Allegheny Steel Tank Car Co., Warren, Pa.

American Car & Foundry Co., Syndicate Trust bldg., St. Louis, Mo.

Atlas Engineering Co., Amherst, Ohio

See adv index at end of book

Bettendorf Co. (All Steel), Bettendorf, Ia.
 Central Locomotive & Car Works, Fisher bldg., Chicago, Ill.

Chicago Steel Car Co., Harvey, Ill.

DOVER BOILER WORKS, Sales Office, 50 Church, New York. Works: Dover, N. J. (Steel)

See adv index at end of book

ERIE CAR WORKS, 1150 W 17th, Erie, Pa.

German-American Car Co., Euclid & 145th, Chicago, Ill.

Graver Wm. Tank Works, E Chicago, Ind.
 Kennicott Co. (Steel), Chicago Heights, Ill.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Lakewood Engineering Co., Cleveland, O.

See adv index at end of book

McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.

Magor Car Co., 30 Church, New York

Penn Tank Car Co. (For Gasoline, Crude & Refined Oil, Alkali, Molasses & Alcohol), Sharon, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Reeves Bros. Co. (Oil & Acid Transporter), Alliance, O.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

TREADWELL CONSTRUCTION CO. (Oil & Acid Transporter), Midland, Pa.

See adv index at end of book

Treadwell M. H. Co., of Ill., 208 S. La Salle, Chicago, Ill.

TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.

Western Steel Car & Foundry Co. 37 W Van Buren, Chicago, Ill.

2070— *Cars (Tie)

Hunt C. W. Co., West New Brighton, N. Y.

See adv index at end of book

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

2071— Cars (Tipple)

Easton Car & Construction Co., Fourth st., Easton, Pa.

Hunt C. W. Co., West New Brighton, N. Y.

See adv index at end of book

United Iron Works Co., Springfield, Mo.

Worthington Pump & Machinery Corp., 115 B'way, New York

Youngstown Steel Car Co., Youngstown, O.

2072— Cars (Tower Hand)

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

2072a— *Cars (Track)

EASTON CAR & CONSTRUCTION CO. (Industrial Railroad), 4th st, Easton, Pa.

2073— Cars (Track Laying)

Baltimore Car & Fdry. Co., Pittsburgh, Pa.

Buda Co., Railway Exch bldg, Chicago, Ill.

Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.

Glover Machine Works, Marietta, Ga.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Lakewood Engineering Co., Cleveland, O.

See adv index at end of book

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

Ramapo Iron Works, Hillburn, N. Y.

Sheffield Car Co., Three Rivers, Mich.

2074—Cars (Trackless Trolley)

Trackless Trolley Co. of Am., 30 Church, New York

2075—*Cars (Traction Engine)

ELECTRIC WHEEL CO. (Heavy Truck Cars), Station D, Quincy, Ill.

See adv index at end of book

2076— Cars (Tram)

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio.

See adv index at end of book

Easton Car & Construction Co., 4th st, Easton, Pa.

Helmick Fdry. & Machine Co., Fairmont, W. Va.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Ramapo Iron Works, Hillburn, N. Y.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Truax Mfg. Co., Denver, Colo.

Union Iron Works, Spokane, Wash.

United Iron Works Co., Springfield, Mo.

Youngstown Steel Car Co., Youngstown, O.

2077— Cars (Transfer)

Anderson Foundry & Machine Works (For Brick Yards, etc), Anderson, Ind.

Atlas Car & Mfg. Co., Cleveland, O.

See adv index at end of book

Atlas Engineering Co., Amherst, Ohio

See adv index at end of book

Bonnot Company (Double Transfer), Canton, O.

Cement Tile Machy. Co. ("Ideal"), Waterloo, Iowa

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

CHASE FOUNDRY & MFG. CO., 2700 Parsons av, Columbus, Ohio

See adv index at end of book

EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.

Globe Machy. & Supply Co., Des Moines, Ia.

Helmick Foundry & Machine Co., Fairmont, W. Va.

Kent Machine Co., Kent, O.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.

Magor Car Co., 30 Church, New York

North Coast Dry Kiln Co., Seattle, Wash.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Russel Wheel & Foundry Co. (Steel), Detroit, Mich.

Sheffield Car Co., Three Rivers, Mich.

United Iron Works Co., Springfield, Mo.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Whiting Foundry Equipment Co., Harvey, Ill.

Youngstown Steel Car Co., Youngstown, O.

2078—*Cars (Tripple Body)

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

2079— Cars (Trolley Repair)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Sheffield Car Co., Three Rivers, Mich.

2080— Cars (Tunnel)

Bettendorf Co. (All Steel), Bettendorf, Ia.
 Easton Car & Construction Co., Fourth st, Easton, Pa.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

LAKEWOOD LINE

LAKEWOOD ENGINEERING CO., Cleveland, O.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Sheffield Car Co., Three Rivers, Mich.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Youngstown Steel Car Co., Youngstown, O.

2081-2-3—Cars (Velocipede)

See also Cars, Inspection; also Cars, Motor Inspection

Buda Co., Railway Exch bldg, Chicago, Ill.

Concrete Form & Engine Co. (Equipped with Belle Isle Gas Engine), Detroit, Mich.

Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Sheffield Car Co., Three Rivers, Mich.

Teeter-Hartley Motor Co., Hagerstown, Ind.

Cars (Velocipede, Gasoline Motor)

See Cars, Motor Inspection

Cars (Warehouse & Factory)

See Trucks, Store, Warehouse, Etc.

Cars (Wrecking)

See Cranes, Wrecking

2084-5—Cartoons (Paper Folding)

Agar Mfg. Co. (Corrugated), Bush Terminal, Brooklyn, N. Y.

ANDREWS O. B. CO., Chattanooga, Tenn.

Collins H. L. Co., Hampden & Wabash, St. Paul, Minn.

Pridham R. W. Co., 112 N. Center, Los Angeles, Cal.

Thompson & Norris Co., The (Corrugated), Concord & Prince, Brooklyn, N. Y.

2086— *Cartridge Blanks

AMERICAN BRASS CO., Waterbury, Conn.

For branch offices see adv index at end of book

Cartridge Mfrs.

See Ammunition

2087—*Cartridges (Dynamite)

See also Dynamite Mfrs.

du Pont E. I., de Nemours & Co., Wilmington, Del.

For branch offices see adv index at end of book

Carts (Barrel)

See Carts, Hand & Barrel

2088— Carts (Coal)

See also Wagons, Coal

Evans F. H., 31 Hewes, Brooklyn, N. Y.

Jackson Mfg. Co., Harrisburg, Pa.

See adv index at end of book

Milburn Wagon Co., Toledo, O.

Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.

See adv index at end of book

2089— Carts (Concrete)

See also Cars, Concrete; also Wagons, Asphalt; also Barrows, Concrete & Mortar

Acme Equipment & Engineering Co., Garfield bldg, Cleveland, O.
 Biehl Iron Wks., Inc., Reading, Pa.
 Chicago Builders' Specialties Co., 11 S La Salle, Chicago, Ill.
 Hobson & Co., Easton, Pa.
 Insley Mfg. Co., Indianapolis, Ind.
JACKSON MFG. CO. ("Jackson"), Harrisburg, Pa. *See adv index at end of book*
 Kilbourne & Jacobs Mfg. Co. ("Columbus"), Columbus, O.
LAKEWOOD ENGINEERING CO. ("Lakewood"), Cleveland, O.
See adv index at end of book
 Ransome Concrete Machinery Co., Dunellen, N. J.
 Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.
 Sterling Wheelbarrow Co. ("Sterling" Self-Lubricating Wheels), Milwaukee, Wis.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Toledo Wheelbarrow Co. ("Bull Frog"), 2400 B'way, Toledo, O.

2090—Carts (Concrete Spreading Dump)

Briggs Labor Saving Specialty Co., Waterloo, Ia.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Lansing Co., Lansing, Mich.

2091— Carts (Crushed Ice)

Gifford-Wood Co., Hudson, N. Y.

2092-3— Carts (Dumping)

See also Wagons, Dumping

Acme Wagon Co., Enigsville, Pa.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Auburn Wagon Co., Martinsburg, W. Va.
 Bain Wagon Co. (Ltd.), Kenosha, Wis.
 Baker Mfg. Co. ("Witten"), 1000 Stanford av, Springfield, Ill.
 Chattanooga Wheelbarrow Co. (For Concrete), Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
 Etnyre E. D. & Co. ("Tipover"), Oregon, Ill.
 Fort Smith Wagon Co., Fort Smith, Ark.
 Henderson Wagon Works, Henderson, Ky.
 Hill Thos. (Steel), 24 Pollock av, Jersey City, N. J.
 Hobson & Co., Easton, Pa.
 Hvass Chas. & Co., 511 E 18th, New York
 Kentucky Wagon Mfg. Co. ("Old Hickey," "Tennessee"), Louisville, Ky.
 Kilbourne & Jacobs Mfg. Co., Columbus, O.
 Knapheide Henry Wagon Co., Quincy, Ill.
 Lansing Co., Lansing, Mich.
 Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
 MacLean & McCurdy ("MacLean," for Contractors), Dorchester, Boston, Mass.
 Nissen Geo. E. & Co., Winston-Salem, N. C.
 Oshkosh Mfg. Co., Oshkosh, Wis.
 Owensboro Wagon Co., Owensboro, Ky.
 Quaker City Iron Works (Contractors' Steel), Tioga & Edgemont, Phila., Pa.
 Schuttler Peter Co., 2509 W 22d, Chicago, Ill.
 Smith & Sons Mfg. Co., Kansas City, Mo.
 Streich A. & Bro. Co., Oshkosh, Wis.
 Studebaker Corp., South Bend, Ind.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Sweet B. F. & H. L. Co., Fond-du-Lac, Wis.
 Swift Mfg. Co. ("Swift's Practical"), Waterloo, Ia.
 Tiffin Wagon Co. (Steel Bucket), Tiffin, O.
 Wellington Machine Co. (Brick, etc), Wellington, O.
 Western Wheeled Scraper Co., Aurora, Ill.
 White Hickory Wagon Mfg. Co., East Point, Ga.
 Winona Wagon Co., Winona, Minn.
 Wright Thos. Co., 71 Colden, Jersey City, N. J.

Carts (Garbage)

See Wagons, Garbage, Etc

2094— Carts (Hand & Barrel)

See also Trucks, Bag & Barrel

Ames Plow Co., 100 Summer, Boston, Mass.
 Aubeuf Frank J., Inc. ("Merrimac," "Monitor" Hand Carts only), Oneida, N. Y.
 Baker Mfg. Co. ("Witter Automobile"), 14 E Jackson blvd, Chicago, Ill.
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
 Belle City Mfg. Co. ("Belle City"), Racine, Wis.
 Brown-Manly Plow Co. ("Malta"), Malta, Ohio
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
ELECTRIC WHEEL CO., Station D, Quincy, Ill. *See adv index at end of book*
 Gendron Wheel Co., Toledo, O.
 Havana Metal Wheel Co. ("Handy"), Havana, Ill.
 Hayes Pump & Planter Co., Galva, Ill.
 Herschel R. Mfg. Co., Peoria, Ill.
 Hobson & Co., Easton, Pa.
 Kentucky Wagon Mfg. Co. ("Old Hickory"), Louisville, Ky.
 Kilbourne & Jacobs Mfg. Co. ("St. Louis," "Jubilee," "Buckeye," Hand), Columbus, O.
 La Crosse Plow Co. ("Rival" Barrell), La Crosse, Wis.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Lansing Co., Lansing, Mich.
 Lean, Roderick Mfg. Co. ("Butler" Steel Hand Cart), Mansfield, O.
 Menasha Wood Split Pulley Co. (Hand Delivery), Menasha, Wis.
 Myers F. E. & Bro., 800 Orange, Ashland, Ohio.
See adv index at end of book
 New Winona Mfg. Co., Winona, Minn.
 Parlin & Orendorff Co. ("P. & O. Canton"), Canton, Ill.
 Plattner Implement Co. ("Plattner"), Denver, Colo.
 Puffer-Hubbard Mfg. Co. (Steel Wheel), 32d av. S. & 26th, Minneapolis, Minn.
 Rome Scale & Mfg. Co. (Hand), Rome, Ga.
 Sandwich Mfg. Co. ("Enterprise," "Sandwich"), Sandwich, Ill.
 South Bend Chilled Plow Co., South Bend, Ind.
 Steel Basket Co., Cedar Rapids, Ia.
 Streich A. & Bro. Co. ("Lumbermen's Hand Carts"), Oshkosh, Wis.
 Studebaker Corp., South Bend, Ind.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
 Swartwout Mfg. Co. ("Triumph," Hand & Barrel), Clinton, N. Y.
 Syracuse Chilled Plow Co., Syracuse, N. Y.
 Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.
 White Hickory Wagon Mfg. Co. (Push), East Point, Ga.
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.
 Zering H. Mfg. Co., Cincinnati, O.

2095— Carts (Harrow)

Bloom Mfg. Co., Nashua, Ia.
 Deere & Co. ("John Deere"), Moline, Ill.
 La Crosse Plow Co., La Crosse, Wis.
 Madison Plow Co. ("Fuller & Johnson"), Madison, Wis.
 Moline Plow Co. ("Success," "Riding"), Moline, Ill.
 Ohio Cultivator Co., Bellevue, O.
 Parlin & Orendorff Co., Canton, Ill.
 Peoria Drill & Seeder Co. ("Kingman," "Great Northern," "O. K.," "Peerless"), Peoria, Ill.
 Peru Plow & Wheel Co., Peru, Ill.
 Rock Island Plow Co. (Riding), Rock Island, Ill.
 South Bend Chilled Plow Co., South Bend, Ind.

Carts (Hose)

See Hose Carriages & Carts

2096— *Carts (Ice)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2097— Carts (Linemen's)

See also Wagons, Trolley; also Cars, Trolley Repair

Dicke Tool Co., Downers Grove, Ill.
 Klein M. & Sons, 562 W Van Buren, Chicago, Ill.

2098—Carts (Logging & Lumber)

See also Trucks; also Wagons

Archer Iron Works, 2436 W. 34th pl, Chicago, Ill.
ELECTRIC WHEEL CO., Station D, Quincy, Ill.
See adv index at end of book
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Lansing Co., Lansing, Mich.
 Oshkosh Mfg. Co., Oshkosh, Wis.
 Schwartz Jos. Co., 548 Baronne, New Orleans, La.
 Streich A. & Bro. Co., Oshkosh, Wis.
 Williams Mfg. Co. ("Forest King"), Macon, Ga.

2099— Carts (Mail)

Lakewood Engineering Co., Cleveland, O.
See adv index at end of book

2100—Carts (Pickup or Beam)

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 Hobson & Co., Easton, Pa.
 Kilbourne & Jacobs Mfg. Co., Columbus, O.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Lansing Co., Lansing, Mich.

Carts (Push)

See Carts, Hand & Barrel

2101— Carts (Railroad)

Ames Plow Co., Quincy Hall, Boston, Mass.
 Bain Wagon Co. (Ltd.), Kenosha, Wis.
 Hobson & Co., Easton, Pa.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Luedinghaus-Espenschied Wagon Co., 1717 N B'way, St. Louis, Mo.
 Milburn Wagon Co., Toledo, O.
 Studebaker Corp., South Bend, Ind.
 Tiffin Wagon Co. (Contractors), Tiffin, O.

2102— Carts (Road Spreading)

Acme Equipment & Engineering Co. ("Acme" Controllable), Garfield bldg, Cleveland, O.
 American Road Machinery Co. (For Spreading Road Materials for Macadam Roads), Kennett sq, Pa.
 Eagle Wagon Works, Auburn, N. Y.
 Good Roads Machinery Co., Kennett sq, Pa.
 Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
 Port Huron Engine & Thresher Co. (Also Wagons), Port Huron, Mich.

Carts (Sprinkling)

See Street Sprinkling Carts & Wagons

2103—Carts (Street Cleaning Hand)

Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
 Lansing Co., Lansing, Mich.
 Wirt & Knox Mfg. Co., 23d & York, Phila., Pa.

2104— Carts (Three Wheel)

Streich A. & Bro. Co., Oshkosh, Wis.

2105— Carts (Two Wheeled)

Kentucky Wagon Mfg. Co., Louisville, Ky.
 Rome Scale & Mfg. Co., Rome, Ga.

2106— Carvers (Stone)

Ellin, Kitson & Co., Madison av & 34th, New York
 Evans John & Co., 77 Huntington av, Boston, Mass.
 Nygard Alfred F., Detroit, Mich.
 Richard L. (Arch'l), 110 West End av, New York
 Rochette & Parzini, 218 E 25th, New York
 Schellentrager Louis F. & Co., E 10th & Canfield ct, Cleveland, O.

Smith Jos. & Co., 428 E 23d, New York
Van Maldern F., 5th & Jumonville, Pitts-
burgh, Pa.
Whitman Studios, 900 Oxford, Phila., Pa.

2107—Carvers, Wood (Classic)

Architectural Decorating Co., 1600 S Jef-
ferson, Chicago, Ill.
Behm Gustav, 715 North av, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N.Y.
Chicago Wood Carving Co., 1509 N Hal-
sted, Chicago, Ill.
Decorators' Supply Co., Archer av & Leo,
Chicago, Ill.
Duchemin Geo. W., 37 Wainwright, New-
ark, N. J.
Dux Jos, 2112 W Van Buren, Chicago, Ill.
Ellin, Kitson & Co., Madison av & 34th,
New York
Emmel Chas. & Rose Co., 383 Albany,
Boston, Mass.
Emmel Co., 81 Bristol, Boston, Mass.
Evans John & Co., 77 Huntington av, Bos-
ton, Mass.
Fabry T. P. J., Rochester, N. Y.
Gossert Henry, 320 Harmon, Phila., Pa.
Hartmann-Malcolm Co., 347 N Troy, Chi-
cago, Ill.
Klise Mfg. Co., Grand Rapids, Mich.
Kopriwa E. Co., 2220 Ward, Chicago, Ill.
Lamb J. & R., 25 6th av, New York
Nygard Alfred F., Detroit, Mich.
Ornamental Products Co. ("Lignive," Un-
breakable), Detroit, Mich.
Peirce W. E. & Co., Milford, N. H.
Plastic Relief Mfg. Co., 949 N Halsted,
Chicago, Ill.
Pride Willis A., 43 Bristol, Boston, Mass.
Reddinger P. H. Mfg. Co., Evansville,
Ind.
Richard Louis, 110 West End av, New York
Rochette & Parzini, 218 E 25th, New York
Root C. R., Hartford, Conn.
Schellenstrager Louis F. & Co., E 10th &
Canfield ct, Cleveland, O.
Schneider F. H., Syracuse, N. Y.
Thomas & Co., Worcester, Mass.
Van Maldern F., 5th & Jumonville, Pitts-
burgh, Pa.
Waddell Mfg. Co., Grand Rapids, Mich.
Whitman Studios, 900 Oxford, Phila., Pa.

2108— Case Hardening

See also Compounds, Case Hardening &
Tempering, also Steel Hardening
American Metal Treatment Co., Elizabeth,
N. J.
Ashley Machine Works, Rochester, N. Y.
Bidle W S Co., 1411 E 45th, Cleveland, O.
Bliss E. C. Mfg. Co., 73 Page, Providence,
R. I.
Boston Gear Works, Norfolk Downs,
Quincy, Mass.
Bridgeport Metal Treating Co., Bridgeport,
Conn.
Cassady Fairbank Mfg. Co., 6126 S La
Salle, Chicago, Ill.
Cleveland Metal Treating & Welding Co.,
4829 Lexington av, N E, Cleveland, O.
Climax Refining Co., Williamson bldg,
Cleveland, Ohio
COES LORING & CO. (INC.), Coes sq.
Worcester, Mass.
See adv index at end of book
Crosby Co., 183 Pratt, Buffalo, N. Y.
Drop Forging Co. of N. Y., 301 West Side
av, Jersey City, N. J.
Durbrow & Hearne Mfg. Co., 12 Wooster,
New York
Eastern Bolt & Nut Co., E Providence,
Providence, R. I.
Easton Machine Co., 24 Milk, Boston,
Mass.
Emergency Forge Co., Lansing, Mich.
Frasse Peter A. & Co., Inc., 417 Canal,
New York. Works: Hartford, Conn.
See adv index at end of book
Keller Mfg. Co., 21st & Allegheny, Phila.,
Pa.
Kohler Die & Specialty Co., De Kalb, Ill.
Matthews H. A. Mfg. Co., Seymour, Conn.
Matthews Mfg. Co., 104 Gold, Worcester,
Mass. *See adv index at end of book*
Miesel Press Mfg. Co., 942 Dorchester av,
Boston, Mass.
Myall-Wallace Co., 17 E Austin av, Chi-
cago, Ill.
National Cycle & Mfg. Co., Bay City, Mich.
National Malleable Castings Co., Clevel-
and, O.
National Ring Traveler Co., 257 W Ex-
change, Providence, R. I.

Newark Metal Treating Co., Newark,
N. J.
New England Annealing & Tool Co. (Car-
bon & High Speed Steel), 74 K, S
Boston, Mass.
Peninsular Milled Screw Co., Detroit, Mich.
Roberts Mfg. Co., Lockport, N. Y.
Sier-Bath Co., 143 W 54th, New York
Steel Improvement & Forge Co. ("Infuso"),
Cleveland, O.
Sterling Drop Forge Works, 112 N La
Salle, Chicago, Ill.
U. S. Ring Traveler Co., 159 Aborn, Prov-
idence, R. I.
Van Doren Mfg. Co., Chicago Heights, Ill.
Vincent Steel Process Co. ("Vincent"
Process), 751 Bellevue av, Detroit,
Mich.
Williams J. H. & Co. (Annealing, Carbon-
izing, Case Hardening & Tempering),
156 Hamilton av, Brooklyn, N. Y.
Worcester Pressed Steel Co., Worcester,
Mass.

2109— Casein

Amalgamated Gum Co. (Vegetable), Troy,
N. Y.
Atterbury Bros. (French Imported), 145
Nassau, New York
Bird J. A. & W. & Co., 88 Pearl, Boston,
Mass.
Casein Mfg. Co., 13 Park row, New York
Hamilton Co., 50 Church, New York
INNIS, SPEIDEN & CO., INC., 46 Cliff,
New York. *See adv index at end of book*
Klipstein A. & Co. (Dealer), 644 Green-
wich, New York
National Milling & Chemical Co., Harper's
Mills, Phila., Pa.
Union Casein Co., 2314 Wood, Phila., Pa.

2110— Cases (Blacking)

Behrend Jacob, 122 W Allen, Phila., Pa.
Dillingham Mfg. Co., Sheboygan, Wis.
Romer Mfg. Co., 203 Diamond, Brooklyn,
N. Y.
Stokes Wm. A. & Co., 50 Howard, New
York
Udell Works, Indianapolis, Ind.

2110a—*Cases (Blue Print Filing, Stock & Special)

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

2111— Cases (Bottlers')

Hightower Box & Tank Co., Atlanta, Ga.

2111a— Cases (Card)

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 B'way, New
York
Ferree E. H. Co., Lockport, N. Y.

2112—*Cases (Clock & Watch)

du Pont E. I. de Nemours & Co. (The
Arlington Works), (Clocks), 725-27
B'way New York
ESTES E. B. & SONS (Wooden), 358 5th
av, New York
See adv index at end of book

2112a— Cases (Comb)

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 B'way, New
York

2112b— Cases (Drinking-Cup)

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 B'way, New
York

2113-4-5— Cases (Egg)

Anderson-Tully Co., Memphis, Tenn.
Beaufort Veneer & Package Co., Beau-
fort, S. C.
Carrier Lumber & Mfg. Co., Sardis, Miss.
Cherry J. G. Co., Cedar Rapids, Iowa.

Chicago Mill & Lumber Co., 111 W Wash-
ington, Chicago, Ill.
Defiance Box Co., Defiance, O.
North Star Egg Case Co., Quincy, Ill.
North Star Mfg. Co., Coffeyville, Kans.
Omaha Box Co., Omaha, Neb.
Portland Egg Case Co., Portland, Ind.
Smith L. J., Eaton Rapids, Mich.
Urbana Egg Case Co., Urbana, O.
Weis-Peterson Box Co., Cairo, Ill.

2116— Cases (Jewelry)

American Morocco Case Co., 217 E 38th,
New York
Borgzinner S. Co., 82 Nassau, New York
Buffalo Jewelry Case Co., Buffalo, N. Y.
Braun R. C., 36 Maiden la, New York
Brooks Mfg. Co., 221 High, Boston, Mass.
Carow J. & Co., 85 Warren, New York
Chicago Plush & Leather Case Co., 110 N
Franklin, Chicago, Ill.
Dennison Mfg. Co., 26 Franklin, Boston,
Mass.
du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 B'way, New
York
Estes E. B. & Sons (Wood), 358 5th av,
New York *See adv index at end of book*
Ettlinger Louis & Sons, 65 Nassau, New
York
Farrington Case Co., 48 Maiden la, New
York
Frank & Gutmann, 25 W 8th, New York
Globe Jewelry Case Co., 127 Spring, New
York
Housman C. H., 78 Bedford, Boston, Mass.
Ideal Leather Goods Co., 326 Dean, Provi-
dence, R. I.
Jerseman Max, 105 Maiden la, New York
Kahle Wm., 65 Franklin, Boston, Mass.
Kraft Theo. & Sons, 458 W B'way, New
York
Lehmann Ludwig, 72 Beekman, New York
Manhattan Wood Novelty Co., 40 Fulton,
New York
Mozar & Co., 38 Maiden la, New York
Muhs Antonio, 114 Kearny, San Francisco,
Cal.
Nadelman Lesser, 106 W 28th, New York
National Jewelry Case Co., 7 Ellicott, Buf-
falo, N. Y.
Reliable Case Mfg. Co., 309 S Clinton, Chi-
cago, Ill.
Rubenstein L., 380 Lafayette, New York
Rueckert Mfg. Co., 162 Clifford, Provi-
dence, R. I.
Schwarz Bros. Co., 402 W 40th, New York
Standard Wood Novelty Co., 256 Pearl,
New York
Warner Jewelry Case Co., 642 Michigan
av, Buffalo, N. Y.
Wierling Wood Case Co., Buffalo, N. Y.
Wiggers & Froelick, 8 Dutch, New York
Wolfshelm & Sachs, 35 Maiden la, New
York
Zimmerman & Weber, 242 W 41st, New
York

2117—Cases (Mailing, for Liquids)

Improved Mailing Case Co., 309 B'way,
New York
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
St. Louis Paper Can & Tube Corp'n, St.
Louis, Mo.
Union Paper Co., 844 Washington, New
York
Western Box Co., 326 River, Chicago, Ill.

2118— *Cases (Map)

American Drafting Furniture Co., 199
Railroad, Rochester, N. Y.
See adv index at end of book

2119— Cases (Miners' Squib)

National Enameling & Stamping Co., 411
5th av, New York

2119a— Cases (Nail-Brush)

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 B'way, New
York

2120— *Cases (Optical)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Cases (Packing)

See Packing Boxes

2121— Cases (Pen & Pencil)

Cross A. T. 53 Warren, Providence, R. I.
Faber Eberhard Pencil Co., 37 Greenpoint
av. Brooklyn, N. Y.
Seovill Mfg. Co., Waterbury, Conn.
See adv index at end of book

2122— Cases (Piano)

Bauerle & Stark Co., 1147 W Ohio, Chicago, Ill.
Courtade Jos. N. & Sons, 516 W 24th, New York
Grand Rapids Piano Case Co. (Ltd.), Grand Rapids, Mich.
Imperial Mfg. Co., Stamford, Conn.
Looschen Piano Case Co., Paterson, N. J.
Mullin & Wendt, New Brunswick, N. J.
Richardson Piano Case Co., Leominster, Mass.
Schwamb Theo. Co., Arlington Heights, Mass.
Smith F. G., 774 Fulton, Brooklyn, N. Y.
Wellington Piano Case Co., Leominster, Mass.

2123— Cases (Pocket Knife)

Cauter E. A. (Chamois), 204 Church, New York

2124— Cases (Railroad Ticket)

American Railway Supply Co., 134 Charles, New York
National Ticket Case Co., 842 W 35th, Chicago, Ill.

2125— Cases (Salesman's)

(Catalog, Brief, Letter, etc)

Kamlee Co., 235 B'way, Milwaukee, Wis.
Warren Leather Goods Co., Worcester, Mass.

2126— Cases (Sample)

Chicago Case Mfg. Co., 213 N Morgan, Chicago, Ill.
Cummings Josiah & Son ("Hub"), 657 Atlantic av, Boston, Mass.
Fibre Specialty Mfg. Co. ("Hercules" Vulcanized Fibre), Kennett Square, Pa.
Kamlee Co., 235 B'way, Milwaukee, Wis.
Kennebunk Mfg. Co. (Fibre), Rochester, N. H.
Knickerbocker Case Co., 230 N Clinton, Chicago, Ill.
Leatheroid Mfg. Co. (Fibre), Kennebunk, Me.
Schmeers Paper Box Co., Syracuse, N. Y.
Schneider Bros., 33 W Pearl, Cincinnati, Ohio

2126a—*Cases (Sample, Wood)

UNION
UNION TOOL CHEST WORKS

99 Railroad Street, Rochester, N. Y.

2126b— Cases (Shaving Brush)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

2126c— Cases (Shaving Stick)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

2127— *Cases (Shipping)

Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*

2128—Cases (Shipping, Fibre)

See also Packing Box Mfrs.

Already Box Co., Danville, Ill.
American Paper Products Co., 2nd & Bremen av, St. Louis, Mo.
Battle Creek Paper Co. Ltd., Battle Creek, Mich.
Bird & Son ("Neponset"), East Walpole, Mass.
Buffalo Box Factory, Buffalo, N. Y.

Canister Co. of New Jersey, Phillipsburg, N. J.

Collins H. L. Co., Hampden & Wabash, St. Paul, Minn.
Corrugated Paper Products Co., 221 W 26th, New York
Danbury Square Box Co., Danbury, Conn.
Gair Robert Co., c Plymouth & Washington, Brooklyn, N. Y.
Hinde & Dauch Paper Co., Sandusky, O.
Illinois-Michigan Fibre Box Co., Battle Creek, Mich.
Lindley Box & Paper Co., Gas City, Ind.
Mengel Box Co., Louisville, Ky.
Ohio Box Board Co., 1390 E 30th, Cleveland, O.
Pennsylvania Fibreform Co., 119 S 4th, Phila., Pa.
St. Louis Paper Can & Tube Corp'n (Fibre), St. Louis, Mo.
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.
Thompson & Norris Co., Concord & Prince, Brooklyn, N. Y.
Tonawanda Board & Paper Co., Tonawanda, N. Y.

2129— Cases (Shipping, Metal)

Dail Steel Products Co., Lansing, Mich.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Gem Stamped Steel Co., Chelsea, Mass.

Cases (Shoe Polishing)

See Cases, Blacking

2130— Cases (Steel Bottle)

American Steel Package Co., Defiance, O.
Defiance Pressed Steel Co., Defiance, O.
Standard Steel Box Co., Bridgeville, Pa.

Cases (Suit)

See Traveling Bags & Suit Cases

Cases (Tire)

See Covers, Tire

2131— Cases (Tool)

American Drafting Furniture Co. ("Union"), Rochester, N. Y.
See adv index at end of book
Gerstner H. & Sons ("Gerstner"), Dayton, O.
Lorenz Wm. (Fibre), 212 Marquette av, Minneapolis, Minn.
Peck Hardware Mfg. Co. (Metal), Berlin, Wis.
Pilliod Lumber Co. ("Pilliod"), Swanton, Ohio
Wedell & Boers ("W. & B."), 157 Jefferson, Detroit, Mich.
Weydell F. O., 224 S Jefferson, Chicago, Ill.

2131a— *Cases (Tool, Wood)

UNION
UNION TOOL CHEST WORKS

99 Railroad Street, Rochester, N. Y.

2131b— Cases (Tooth-Brush)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

2132— Cases (Torpedo)

American Welding Co. (Welded), Carbon-dale, Pa.

2133— Cases (Type)

American Type Founders Co., 200 William, New York
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.
Hamilton Mfg. Co., Two Rivers, Wis.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

2133a— Cases (Wood)

American Drafting Furniture Co., 199 Railroad, Rochester, N. Y.
See adv index at end of book
Union Tool Chest Wks. (Cutlery, Silverware), 99 Railroad, Rochester, N. Y.
See adv index at end of book

2134— *Casing ("National")

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Casings (Gear Shield)

See Gear Cases

2135-6—Casings (Steam Pipe)

See also Pipe, Wooden

American District Steam Co. ("Standard" Asphaltum Pitch Coated Wood), North Tonawanda, N. Y.
Armstrong Cork & Insulation Co. (Cork), 24th & A. V. R. R., Pittsburgh, Pa.
Michigan Pipe Co. (Tin Lined Wood for Insulating Underground Steam & Hot Water Heating Pipes), Bay City, Mich.
Washington Pipe & Foundry Co., Tacoma, Wash.
Wyckoff A. & Son Co. (Wood), Elmira, N. Y.

2137— Casseroles

Cleveland Stamping & Tool Co., E. 53d & Hamilton, Cleveland, O.
Farber, S. W., 147 S 5th, Brooklyn, N. Y.
Friedman Joseph, 133 5th av, New York
Laboratory Supply Co., 236 N 3d, Columbus, O.
Landers, Frary & Clark ("Universal" China & Pottery Lined), New Britain, Conn.
Limoges China Co., Sebring, O.
Manning-Bowman & Co., Meriden, Conn.
Prisk, Wm. M. & Sons Mfg. Co., Yalesville, Conn.
Roseville Pottery Co., Zanesville, O.
Sweeney W. H., Mfg. Co., 30 Main, Brooklyn, N. Y.
Thermal Syndicate, Ltd., 50 E 41st, New York
Webb & Bellamy Casserole Co., 337 River, Chicago, Ill.

Cast Iron Filler

See Cements, Iron & Steel Filler

2138—Cast Iron Pipe (High Pressure)

Coldwell-Wilcox Co. (For Steam or Water), Newburgh, N. Y.
Farrar & Trefts, Buffalo, N. Y.
Russel Wheel & Foundry Co. (Special), Detroit, Mich.
Wood, R. D. & Co. (For Fire Protection), 400 Chestnut, Phila., Pa.

2139—Cast Iron Pipe Mfrs. (Gas & Water)

American Car & Foundry Co. (3 to 42 inches), Syndicate Trust bldg., St. Louis, Mo.
American Cast Iron Pipe Co. (Hub & Spigot Pipe & Fittings), Birmingham, Ala.
American Casting Co., ("National" Lock Joint), Birmingham, Ala.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry ("Globe Specials," Also Fittings of All Kinds for Same), 9 Coddling, Providence, R. I.
Central Foundry Co. ("Universal," also Ammonia & Steam), 90 West, New York
Clow James B. & Sons (2 to 48-inch), 544 S Franklin, Chicago, Ill.
Colonial Supply Co. (Jobbers), 414 1st av, Pittsburgh, Pa.
Colorado Fuel & Iron Co. (3 to 20-inch), Denver, Col.
Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
Donaldson Iron Co. (2 to 36 inches), Emaus, Pa.
Drummond M. J. & Co., 51 Chambers, New York

Fox Jno. & Co. (Mfrs. Agts), 253 B'way,
New York
**Fuller Iron Works (Cast Iron Flange &
Socket Pipe), 40 Tockwotton, Providence,**
R. I.
**Glamorgan Pipe & Foundry Co. (1½ to
36-inch), Lynchburg, Va.**
**Horner W. S. & Co., Oliver bldg, Pitts-
burgh, Pa.**
Lynchburg Foundry Co., Lynchburg, Va.
**McWane Pipe Works (Lynchburg Foundry
Co., Props), Lynchburg, Va.**
**Massillon Iron & Steel Co. (Also Flange
Pipe & Fittings), Massillon, O.**
**NASON MFG. CO. (Jobbers), 71 Fulton,
New York**
See adv index at end of book
**Oregon Iron & Steel Co. (4 to 32-inch),
Concord bldg, Portland, Ore. Works:**
Oswego, Ore.
**Russel Wheel & Foundry Co. (High Press-
ure Water, Specials), Detroit, Mich.**
**Sheffield Cast Iron Pipe & Foundry Co.,
Sheffield, Ala.**
**Standard Cast Iron Pipe & Foundry Co.,
Bristol, Pa.**
**U. S. Cast Iron Pipe & Foundry Co. (Gas
& Water, Sewer & Culvert, 2 to 84
inches), Burlington, N. J.**
**Warren Foundry & Machine Co. (3 to 60-
inch), Phillipsburg, N. J.**
**Washington Pipe & Foundry Co., Tacoma,
Wash.**
**Wood R. D. & Co. (1 to 72-inch), 400
Chestnut, Phila., Pa.**

2140—Cast Iron Soil Pipe & Fittings Mfrs.

For Jobbers of These Goods, See Plumbers' Supplies, Jobbers

**Abendroth Bros. (2 to 10-inch), Port
Chester, N. Y.**
**Beggs Pipe & Foundry Co., Birmingham,
Ala.**
Bessemer Soil Pipe Co., Bessemer, Ala.
Campbell Mfg. Co., Gadsden, Ala.
Casey-Hedges Co., Chattanooga, Tenn.
**Central Foundry Co. (All Sizes), 90 West,
New York**
**Charlotte Pipe & Foundry Co., Charlotte,
N. C.**
**Crown Pipe & Foundry Co. (Up to 8
inches), Jackson, O.**
Essex Foundry, Murray, Newark, N. J.
**Franklin Pipe & Foundry Co., 2438 S
Paulina, Chicago, Ill.**
Gadsden Pipe Co., Gadsden, Ala.
**Glenn Fred E. (Extra Heavy & Standard
Pipe & Complete Line of Fittings),
St. Charles, Ill.**
**Haines, Jones & Cadbury Co., 1136 Ridge
av, Phila., Pa.**
Hallman Oliver F., Mont Clare, Pa.
**Johnson J. D. Co. (2 to 15 ft), 54 Cliff,
New York**
Krupp Foundry Co., Lansdale, Pa.
Medina Foundry Co., Medina, N. Y.
Mott J. L. Iron Works, Trenton, N. J.
**NASON MFG. CO. (Jobbers), 71 Fulton,
New York. See adv index at end of book**
**National Foundry Co. (2 to 10-inch), 12
Sanford, Brooklyn, N. Y.**
**Reading Foundry & Supply Co., Reading,
Pa.**
Sanitary Co., Drexel bldg., Phila., Pa.
Somerville Iron Works, Somerville, N. J.
**South Pittsburg Foundry Co., S Pittsburg,
Tenn.**
**Union Foundry Co. ("U. F. Co."), An-
niston, Ala.**
Union Sanitary Mfg. Co., Noblesville, Ind.
**WEISKITTEL A. & SON CO. ("Dia-
mond"), 12th & E Lombard, Balti-
more, Md.**
Wetter H. Mfg. Co., Memphis, Tenn.
Works: South Pittsburg, Tenn.
**Wolff L. Mfg. Co. (2 to 12-inch), 601 W
Lake, Chicago, Ill.**

2141—Casters (Bed & Furniture)

A. B. Stove Co., Battle Creek, Mich.
**Armstrong Truck Co. (Ball Bearing &
Friction Swivel), North Wales, Pa.**
**Belt Grip Pulley Co., 182 Breckenridge,
Buffalo, N. Y.**
**Burns & Bassick Co. ("Feltoid"), Bridge-
port, Conn.**

CLARK'S THE HOME OF
1000 TRUCKS
WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.
See adv index at end of book

**Coleman Hardware Co., 122 S Michigan
av, Chicago, Ill.**
**Columbia Ball Caster Co. ("Columbia"
Revolving Steel Ball, Stem, Plate,
etc), 160 N 5th av, Chicago, Ill.**
**Faultless Caster Co. ("Faultless," "Bull
Dog," "New Idea" Noisless Wheel,
Fibre Wheel, Glass Insulating, etc),
Evansville, Ind.**
**Foster, Merriam & Co. ("Victor"), Meri-
den, Conn.**
Hamilton Caster & Mfg. Co., Hamilton, O.
**Heron Mfg. Co. (Metal Bed, Wool Wheel),
Utica, N. Y.**
Jarvis & Jarvis, Southbridge, Mass.
**Keystone Friction Hinge Co. ("20th Cen-
tury"), Williamsport, Pa.**
**Niksah Snow Guard Co., 5 Mt. Pleasant,
Worcester, Mass.**
Parker Charles Co. (Piano), Meriden, Conn.
**Payson Mfg. Co. ("Payson" Anti-Friction
Furniture), 2918 W Jackson blvd,
Chicago, Ill.**
Pennsylvania Stamping Co., York, Pa.
**Schatz Mfg. Co. ("Acme" Ball Bearing),
Poughkeepsie, N. Y.**
**Schenck M. B. Co. ("Yale"), Meriden,
Conn.**
**Schrivver O. P. & Co. (Anti-Friction,
"Hercules," "I X L"), 621 E Pearl,
Cincinnati, O.**
**Tucker & Dorsey Mfg. Co. ("Martin,"
"Tucker," "Boss" & "Stengel"), In-
dianapolis, Ind.**
**Universal Caster & Foundry Co. ("Grip
Neck," "Philadelphia," "Oblong
Plate," Ball Bearing Iron, Steel &
Brass Piano, Bedstead, Furniture, etc),
574 Ferry, Newark, N. J.**
**Weber-Knapp Co. (Universal Sliding),
Jamestown, N. Y.**
**Wrightsville Hardware Co., Wrightsville,
Pa.**

2142—Casters (Piano)

See Casters, Bed & Furniture

Casters (Sliding)

See Shoes, Sliding Furniture

2143—Casters (Stove & Truck)

Armstrong Truck Co., North Wales, Pa.
Arnold & Co., Norwalk, Conn.
**Chicago Hardware Foundry Co. ("Harper
Handy"), North Chicago, Ill.**

CLARK'S THE HOME OF
1000 TRUCKS
WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.
See adv index at end of book
**Coleman Hardware Co., 122 S Michigan,
Chicago, Ill.**
**Dearborn Hardware Mfg. Co., 2911 Car-
roll av, Chicago, Ill.**
**DELAWARE HARD FIBRE CO. (Fibre),
Wilmington, Del.**
See adv index at end of book
**Divine Bros. Co. (Cushioned Truck Only),
Utica, N. Y.**
**Elkhart Hardware Mfg. Co. (Anti-Fric-
tion), Elkhart, Ind.**
**Fairbanks Co. (Plain & Ball Bearing),
416 Broome, New York**
**Foster, Merriam & Co. ("Victor"), Meri-
den, Conn.**
Hamilton Caster Mfg. Co., Hamilton, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Co., Lansing, Mich.
**Payson Mfg. Co. (Anti-Friction), 2918 W
Jackson blvd, Chicago, Ill.**
**Reading Hardware Co., (Store Truck),
Reading, Pa.**
**Schenck M. B. Co. ("Yale," "Gem"), Meri-
den, Conn.**
**Schrivver O. P. & Co. ("Hercules"), 621 E
Pearl, Cincinnati, O.**
**Stearns E. C. & Co., 450 Oneida, Syracuse
N. Y.**
**Tucker & Dorsey Mfg. Co. ("Tucker"), In-
dianapolis, Ind.**
**Universal Caster & Foundry Co., 574
Ferry, Newark, N. J.**

2144—*Casters & Caster Units

**ELMES CHAS. F. ENGINEERING
WORKS (Inc.). (For Veneer Presses),
cor Fulton & Sangamon, Chicago, Ill.**
See adv index at end of book

2145—Castings (Acid Resisting)

**Acid Proof Iron Products Co., Hermon &
Pennington, Newark, N. J.**
**Brunner Foundry & Mfg. Co. (For Chem.
& Zinc Companies), Peru, Ill.**

BUFFALO FOUNDRY & MACHINE CO.,

65 Winchester av, Buffalo, N. Y.
See adv index at end of book
**Clark J. Alfred, 35th & Gray's Ferry rd,
Philadelphia, Pa.**
Devine J. P. Co., Buffalo, N. Y.
Duriron Castings Co., 90 West, New York
**LUNKENHEIMER CO., Executive Offices
& Factories: Beekman & Waverly,
Cincinnati, O.**
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book

2146—Castings (Air Furnace)

**American Foundry & Construction Co., 2d
av, & Longworth, Pittsburgh, Pa.**
**Birdsboro Steel Foundry & Machine Co.,
Birdsboro, Pa.**
**Bonney-Floyd Co. (Open-Hearth, Convert-
er & Crucible Steel), Columbus, O.**
**Canton Foundry & Machine Co., Canton,
O.**
**Chambersburg Engineering Co. (Up to 100
tons), Chambersburg, Pa.**
**Hubbard Steel Foundry Co., East Chicago,
Ind.**
**Hyde Park Foundry & Machine Co., Hyde
Park, Pa.**
**Lakeside Malleable Castings Co. (Malle-
able Iron), Racine, Wis.**
**Lehigh Foundry Co. (Up to 50 Tons), Ful-
lerton, Pa.**
**MESTA MACHINE CO. (Iron), Pittsburgh,
Pa. See adv index at end of book**
Morgan Engineering Co., Alliance, O.
See adv index at end of book
**National Roll & Foundry Co. (Heavy),
Avonmore, Pa.**
**Philadelphia Roll & Machine Co. (Heavy),
23d & Washington av, Phila., Pa.**
Reading Iron Co., Reading, Pa.
**Rockford Malleable Iron Works (Refined),
Rockford, Ill.**
**Syracuse Malleable Iron Works (Malleable
Iron), Syracuse, N. Y.**
Tod Wm. Co., Youngstown, O.
**Wisconsin Malleable Iron Works, South
Bay, Milwaukee, Wis.**
**Youngstown Foundry & Machine Co.,
Youngstown, O.**

2147—Castings (Aluminum)

**Acme Brass Foundry Co., Los Angeles,
Cal.**
**Alloyed Metal & Mfg. Co., 2337 Pope &
Newstead avs, St. Louis, Mo.**
**Aluminum Castings Co. (Lynite), Cleve-
land, O.**
**Aluminum Goods Mfg. Co., Manitowoc,
Wis.**
**American Brass & Iron Co., Crystal &
Trombly, Detroit, Mich.**
**American Foundry & Mfg. Co., 11th &
Herbert, St. Louis, Mo.**
**American Safety Lamp & Mine Supply Co.,
Scranton, Pa.**
Anderson A. H., 1213 Fulton, Chicago, Ill.
Atkinson Co., Rochester, N. Y.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
**Atlas Brass Works, 431 Folsom, San Fran-
cisco, Cal.**
Bartlett A. F. & Co., Saginaw, Mich.
Best Light Co., Canton, O.
Blake Edwin J., Hartford, Conn.
**Boston Foundry Co., 210 Border, Boston,
Mass.**
Brass Foundry Co., Peoria, Ill.
**Bridgeport Deox Bronze & Metal Co.,
Bridgeport, Conn.**
**Buckeye Iron & Brass Works (Special),
Dayton, O.**
**Cadman A. W. Mfg. Co., 2816 Smallman,
Pittsburgh, Pa.**
Canton Brass & Machine Co., Canton, O.
**Capital Brass Works, Chene & Franklin,
Detroit, Mich.**
**Central Specialty Co., 1651 St. Aubin, De-
troit, Mich.**
Champion Brass Works, Coldwater, Mich.
**Chicago Hardware Foundry Co., North
Chicago, Ill.**
**Chicago Malleable Castings Co., 120th &
Racine av, Chicago, Ill.**

When writing to firms listed
in this book please mention
HENDRICKS'
COMMERCIAL REGISTER

City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
 Clark D. W. & Co., 280 First, Boston, Mass.
 Clark Foundry Co., Rumford, Me.
 Clarksville Foundry & Machine Works, Clarksville, Tenn.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E. Detroit, Mich.
 Commutator Co., 121 N. First, Minneapolis, Minn.
 Dake Engine Co., Grand Haven, Mich.
 Dallas Brass Mfg. Co., Dallas, Texas
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
 Denver Brass Works Co., Denver, Col.
 Detroit Foundry Co., Detroit, Mich.
 Detroit Motor Castings Co., 299 Beaufait, Detroit, Mich.
 Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich.
 Eastwood Wire Mfg. Co. ($\frac{1}{4}$ oz to 20,000 lbs), Belleville, N. J.
 Electric Materials Co., North East, Pa.
 Elevator Supplies Co., Hoboken, N. J.
 Ellison Brass Mfg. Co., Jamestown, N. Y.
 Erie Specialty Co., 520 W 12th, Erie, Pa.
 Eureka Co., North East, Pa.
 Everhart Brass Works, Scranton, Pa.
 Exeter Brass Works, Exeter, N. H.
 Exeter Machine Works (Rough or Finished), Pittston, Pa.
 Eynons-Evans Mfg. Co., 1519 Clearfield, Phila., Pa.
 Fallon Thos. F. & Co., Lawrence, Mass.
 Faries Mfg. Co., Decatur, Ill.
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
 Fraim E. T. Lock Co., Lancaster, Pa.
See adv index at end of book
 Franklin Mfg. Co. (Die), Magnolia, Syracuse, N. Y.
See adv index at end of book
 Gallison F. L., Lawrence, Mass.
 General Aluminum & Brass Mfg. Co., Boulevard & St. Aubin av, Detroit, Mich.
 Germann Bronze Co., Erie, Pa.
 Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.
 Graham Chas. E., New Haven, Conn.
 Great Lakes Brass Foundry, Bay City, Mich.
 Hackett Bros., 242 Lillibridge, Detroit, Mich.
 Haish Jacob Co., De Kalb, Ill.
 Hall Printing Press Co., Dunellen, N. J.
 Halstead & Co., 1129 Cherry, Phila., Pa.
 Hampden Brass Co., Springfield, Mass.
 Hampton Mfg. Co., Hampton, Va.
 Hancock Mfg. Co., Charlotte, Mich.
 Harley Co., Springfield, Mass.
 Hastings Foundry & Iron Works, Hastings, Neb.
 Hendryx Andrew B. Co., New Haven, Conn.
 Hewitt John, East Newark, N. J.
 Higgins & Co., Holyoke, Mass.
 Highton Wm. & Sons Co., Nashua, N. H.
 Hoban Brass Fdry. Co., Dayton, O.
 Hough Chas. N. Mfg. Co., Franklin, Pa.
 Hughes Bros., Scranton, Pa.
 Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
 Jackson Brass Foundry Co., Jackson, Mich.
 Jenkins Mfg. Co., Bloomfield, N. J.
 Johnson Bronze Co., New Castle, Pa.
 Jones Jas. Co., Los Angeles, Cal.
 K. & M. Casting Co., 10611 Quincy av, Cleveland, O.
 Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
 Keystone Bronze Co. (High Grade), Pittsburgh, Pa.
 Lambertville Iron & Steel Co., Lambertville, N. J.
 Laurel Machine & Foundry Co., Laurel, Miss.
 Leslie Co. (Bronze), Lyndhurst, N. J.
 Liberty Brass Works, 305 W Lombard, Baltimore, Md.
 Light Mfg. & Foundry Co. ("Automobile"), Pottstown, Pa.
 Long Bros., Kokomo, Ind.
 Lovell F. H. & Co., Arlington, N. J.
LUNKENHEIMER Co. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 McCafferty J. H. Co., 434 Harrison av, Boston, Mass.

McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
 McHatton Foundry Co., 1500 Washington av, Phila., Pa.
 Machsts. Foundry Co., Muncie, Ind.
 Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
 Mechanics' Foundry & Machine Co., Fall River, Mass.
 Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
 Metal Products Co., 78 Portland, Boston, Mass.
 Midland Brass Works, Fort Worth, Tex.
 Miller J. Walter Co., Lancaster, Pa.
 Monumental Bronze Co., Bridgeport, Conn.
 Moran Flexible Steam Joint Co., Louisville, Ky.
 More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
 Mosher J. R., Greene, N. Y.
 Mousley's Chas. Sons, 457 N 12th, Phila., Pa.
 Muskegon Aluminum Foundry Co., Muskegon, Mich.
 National Art Bronze Wks Co., Pope & Carrie avs, St. Louis, Mo.
 National Brass Mfg. Co. (Large or Small), Rochester, N. Y.
 National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
 Neenah Brass Works, Neenah, Wis.
 Newell Fred E., Central Falls, R. I.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 North American Smelting Co., 9th & Thompson, Phila., Pa.
 North West Aluminum & Brass Foundry, Rochester, N. Y.
 Norwalk Foundry Co., Norwalk, O.
 Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
 Onondaga Brass Co., Syracuse, N. Y.
 Osborn Machine Co., Dubois, Pa.
 Parsons G. W. Co., Newton, Ia.
 Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.
 Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson, Phila., Pa.
 Pioneer Brass Works, Indianapolis, Ind.
 Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
 Powell Wm. Co., Cincinnati, O.
 Prier Brass Mfg. Co., Kansas City, Mo.
 Providence Brass & Aluminum Foundry (1 Grain to 1000 Pounds; also Aluminum Bronze), 460 Eddy, Providence, R. I.
 Pueblo Brass & Iron Fdry, Pueblo, Colo.
 Racine Aluminum & Brass Foundry, Racine, Wis.
 Racine Brass & Iron Co., Racine, Wis.
 Rath Aluminum & Brass Foundry Co., New Philadelphia, Pa.
 Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
 Remington Machine Co., 411 E Front, Wilmington, Del.
 Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
 Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
 Rider-Bagg Co., Springfield, Mass.
 Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
 Rogers C. E., 34 Beach, Boston, Mass.
 Rosenthal's Jos. W. Sons, 190 Berks, Phila., Pa.
 Ruggles Machine Co., Poultney, Vt.
 Russell Foundry & Machine Works, 51 6th, Long Island City, N. Y.
 Rutember Motor Co., Marion, Ind.
 Ryder Brass Foundry Co., Bucyrus, O.
 Saint Cloud Iron Works Co., St. Cloud, Minn.
 Sayre Stamping Co. (High Grade), Sayre, Pa.
 Scoville Mfg. Co., Waterbury, Conn.
See adv index at end of book
 Sharp J. C., Brass Works, Chattanooga, Tenn.
 Sheeler-Hemsher Co., 811 Fairmont av, Phila., Pa.
 Sherwood Brass Works, 1167 Jeff E., Detroit, Mich.
 Silver Aluminum Metal Co., 294 Taaffe pl, B'klyn, N. Y.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Southern Brass Mfg. & Plating Co., Houston, Tex.
 Spangler Chas., Allentown, Pa.
 Springfield Brass Co., Springfield, O.
 Standard Brass Foundry Co., 990 E 67th, Cleveland, O.

Standard Foundry Co., Hartford, Conn.
 Stanley Bronze Co., Bridgeport, Conn.
 Sterling Aluminum Co., Erie, Pa.
 Sterling Machine & Stamping Co., Welling-ton, O.
 Stover Mfg. Co., Freeport, Ill.
 Thiery & Kendrick Mfg. Co., 660 Franklin, Detroit, Mich.
Titan Copper Products Co., 376 Massachusetts av, Buffalo, N. Y.
 Tod Wm. Co., Youngstown, O.
 Toledo Ship Building Co., Toledo, O.
 Topeka Foundry & Mfg. Co., Topeka, Kan.
 Trefethen D. A. Taunton, Mass.
 Trenton Brass & Machine Co., Trenton, N. J.
 Trenton Malleable Iron Co., Trenton, N. J.
 Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*
 Twentieth Century Brass Works, 231 Fifth av S, Minneapolis, Minn.
 Union Brass Foundry Co., Lowell, Mass.
 United Foundry & Machine Co., Bridgeport, Conn.
 U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
 Universal Machine Co., Bowling Green, O.
 Valley Machine Co., Parkersburg, W. Va.
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
 Virginia Foundry & Machine Co., Virginia, Minn.
 Waltham Foundry Co., Waltham, Mass.
 Waterbury Brass Goods Corp., Waterbury, Conn.
 Waynesboro Foundry & Machine Co., Waynesboro, Pa.
 Weber-Knapp Co., Jamestown, N. Y.
 Wellman Bronze Co. (Medium & Heavy), 6017 Superior av, Cleveland, O.
 Werra Aluminum Foundry Co., Waukesha, Wis.
 Western Iron & Foundry Co., Wichita, Kans.
 Western Pattern & Mfg. Co., Moline, Ill.
 Wheeling Bronze Casting Co., Wheeling, W. Va.
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.
 Wisconsin Aluminum Foundry Co., Manitowoc, Wis.
 Wisconsin Iron & Metal Co., Oshkosh, Wis.
 Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

2148—Castings (Aluminum Bronze)

Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

2149— Castings (Automobile)

See also Castings, Various Kinds
Acme Steel & Malleable Iron Works (Steel & Malleable Iron), 245 Military rd, Buffalo, N. Y.
Atlantic Steel Casting Co. (Low Carbon, Open Hearth), Chester, Pa.
Auburn Foundry, Auburn, Ind.
 Bayonne Casting Co., Bayonne, N. J.
 Bonney-Floyd Co. (Open-Hearth, Converter & Crucible), Columbus, O.
 Bridgeport Deox Bronze & Metal Co., Bridgeport, Conn.
 Chicago Steel Foundry Co. (Vanadium Steel), 3701 S Kedzie av, Chicago, Ill.
 Chisholm-Moore Mfg. Co. (Malleable Iron), 49th to 53d & Lake, Cleveland, O.
 Cincinnati Steel Castings Co. (Steel & Other Alloy Steel), Queen City & Spring Grove avs, Cincinnati, O.
 City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.
 Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.
 Cureton Wm. & Sons (Grey Iron & Semi-Steel), Lexington, Richland Co., O.
 Danville Malleable Iron Co. ("Malleable Iron"), Danville, Ill.
 Dayton Steel Foundry Co. (Crucible Steel), Dayton, O.
 Edna Brass Mfg. Co. (Brass), 531 Reading rd, Cincinnati, O.
 Ensign Foundry Co., Toledo, O.
 Erie Malleable Iron Co., Erie, Pa.
 Erie Specialty Co., 520 W 12th, Erie, Pa.
 Farrell-Cheek Steel Foundry Co. (Steel), Sandusky, O.
 Ferro Machine & Foundry Co., E 66th & Hubbard av, Cleveland, O.
FRANKLIN MFG. CO. (Die), Magnolia, Syracuse, N. Y.
See adv index at end of book
 Germann Bronze Co., Erie, Pa.

Globe Malleable Iron and Steel Co. (Malleable Iron & Vanadis Annealed Steel), 101 Greenway av, Syracuse, N. Y.
 Hardy Wm. A. & Sons Co. (Brass & Bronze), Fitchburg, Mass.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.

Hopson & Chapin Mfg. Co. (Cast Iron), New London, Conn.
 Interstate Foundry Co., E 61st & Erie R R, Cleveland, O.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Johnson Bronze Co., New Castle, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.

See adv index at end of book
LUNKENHEIMER CO., Executive Office & Factories; Beekman & Waverly, Cincinnati, O.
See adv index at end of book

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book

Manufacturers' Foundry Co. (Grey Iron Cylinders; also for Motor Boats), Waterbury, Conn.

Michigan Malleable Iron Co., Delray, Detroit, Mich.

Michigan Motor Casting Co., Flint, Mich.
 Minneapolis Crucible Steel Co., 38th av, N E & 5th, Minneapolis, Minn.

National Bronze & Aluminum Foundry Co. (Aluminum & Bronze), 2539 E 79th, Cleveland, O.

National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.

Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

Ohio Malleable Iron Co. (Malleable Iron), 961 N Fourth, Columbus, O.

Pioneer Brass Works, Indianapolis, Ind.
 Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

Reedy Foundry Co., 4600 Iowa, Chicago, Ill.

Reliance Foundry Co., Richmond, Ind.

Rock Island Metal Foundry, 505 41st, Rock Island, Ill.

Rockford Brass Works, Rockford, Ill.
 Rogers C. E. (Aluminum), 34 Beach, Boston, Mass.

Schrader's A. Son, 783 Atlantic av, Brooklyn, N. Y.

Sivyer Steel Casting Co., Milwaukee, Wis.
 Smith Geo. H. Steel Casting Co. (Steel & Other Alloy Steel), 500 Clinton, Milwaukee, Wis.

Sowers Mfg. Co., Buffalo, N. Y.

Standard Brass Foundry Co., 990 E 67th, Cleveland, O.

Standard Steel Castings Co., Cleveland, O.

Strong Steel Foundry Co. (Steel), Buffalo, N. Y.

Susquehanna Casting Co., Wrightsville, Pa.

Thiery & Kendrick Mfg. Co. (Brass), 660 Franklin, Detroit, Mich.

Titan Copper Products Co., 376 Massachusetts av, Buffalo, N. Y.

Turner & Seymour Mfg. Co., Torrington, Conn.

U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

Warren Steel Casting Co. (Crucible Steel), 4700 Fyler av, St. Louis, Mo.

Whitely Malleable Castings Co. ("Whitely's Crown" Steel), Muncie, Ind.

Whitely Steel Co. (Cast Steel), Muncie, Ind.

Yost G. M. Mfg. Co. (Crucible Steel), Meadville, Pa.

2150—Castings (Bake Oven)

Allbrecht, Francis J., Pittsburgh, Pa.
 Spangler Chas., Allentown, Pa.
 Sperry D. R. & Co., Batavia, Ill.
 Western Iron & Foundry Co., Wichita, Kans.

2150a—Castings (Blast Furnace)

See Also Castings, Rolling Mill & Furnace; Also Castings, Steel).

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Castings (Boiler)

See Boiler Fronts & Castings

2151—Castings (Brass & Bronze)

For all Brass Founders not found under this heading see Machinists & Founders marked with a (§) Section Mark
 See also Castings, Copper; Castings, Manganese Bronze; Castings, Phosphor Bronze; Bearings of Various Kinds; Bell Founders; Valve Manufacturers

ALABAMA.

BIRMINGHAM—Ajax Metal Co. of the South

Gilb V. & Son

Joubert & Goslin Mach. & Fdry. Co.

Wallwork H. & Co.

MOTGOMERY—Hartley Boiler Works

Janney & Co. (Also Iron)

CALIFORNIA.

LOS ANGELES—Acme Brass Foundry Co.

Axelson Machine Co.

Fulton Engine Works

Jones Jas. Co.

Llewellyn Iron Works

Meyberg Co.

OAKLAND—Phoenix Iron Works Co.

RICHMOND—Santa Fe Fdry. Co.

SACRAMENTO—Union Iron Works

SAN FRANCISCO—Atlas Brass Works, 431 Folsom

California Artistic Metal & Wire Co., 349 7th

California Brass Wks. (Kingwell Bros.), 450 Natoma

DIAMOND EXPANSION BOLT CO.

(Brass), 156 2d

See adv index at end of book

Enterprise Foundry Co., 320 Tremont

Garratt W. T. & Co., 299 Fremont

Greenberg's M. & Sons, 225 Beale

Kingwell L., 450 Natoma

Krenz Oscar Copper & Brass Works, 431 Folsom

San Francisco Brass Foundry, 48 Clementina

Tay Geo. H. Co., 599 Mission

Union Iron Works Co., 20th & Michigan

COLORADO.

COLORADO SPRINGS—Hassel Iron Wks. Co.

DENVER—Denver Brass Works Co.

Denver Iron Works & Foundry Co.

Flint Electric & Mfg. Co., 1402 Delgany

Slack-Horner Brass Mfg. Co.

Stearns-Roger Mfg. Co.

PUEBLO—Ortner Geo. J.

Pueblo Foundry & Machine Co.

CONNECTICUT.

ANSONIA—Phelps H. D.

BRIDGEPORT—Belknap Mfg. Co. (Brass)

Bridgeport Brass Co.

Bridgeport Deox. Bronze & Metal Co.

Burns & Bossick Co.

Hamilton Jno. Brass Works

Monumental Bronze Co.

Sanford David C. Co.

Smith L. C. Co.

Stanley Bronze Co.

United Foundry & Machine Co.

BRISTOL—Bristol Brass Co.

DANBURY—Turner Machine Co.

GUILFORD—SPENCER'S I. S. SONS

(INC.)

HARTFORD—Blake Edwin J.

Capitol Foundry Co.

Craig Jno. M.

Howard Jas. L. & Co.

Standard Foundry Co. (Bronze)

MERIDEN—Foster, Merriam & Co.

Meriden Iron & Brass Co.

Miller Edw. & Co.

MIDDLETOWN—Chapman W. H. Co.

Wilcox, Crittenden & Co.

MILFORD—Rostand Mfg. Co.

MOUNT CARMEL—Woodruff Walter W. & Sons Co.

NAUGATUCK—Russell J. M. Mfg. Co.

NEW BRITAIN—Flannery P. J. Co.

Kinne W. A.

North & Judd Mfg. Co. (& Composition)

Osborne George H.

NEW HAVEN—English & Mersick Co.

Graham Jas. & Co.

Ives H. B. Co.

Peck Bros. & Co.

Sargent & Co.

NEW LONDON—New London Marine & Iron Works

NORWICH—Tracy C. Oscar

PLAINVILLE—Clark A. N. & Son (To Order)

Carter E. T.

Elm City Brass & Rivet Co.

SHELTON—Meyer Fred'k C. (Also Iron)

STAMFORD—Brown C.

Stamford Iron Works

STONINGTON—Miller's A. B. Sons

TORRINGTON—Turner & Seymour Mfg. Co.

WATERBURY—American Pin Co.

Connecticut Mfg. Co.

Manufacturers Foundry Co.

Matthews & Willard Mfg. Co.

Novelty Mfg. Co.

SCOVILL MFG. CO.

See adv index at end of book

Waterbury Brass Goods Corp'n

Waterbury Mfg. Co.

DELAWARE.

EAST WILMINGTON—HILLES & JONES CO. *See adv index at end of book*

WILMINGTON—Poole J. Morton Co., ft of Thomas

Remington Machine Co., 411 E Front

FLORIDA.

JACKSONVILLE—Florida Machine Works Foundry

McMillan Bros. Co.

Murphy Timothy Iron Works

MIAMI—Lyne C. H.

ORLANDO—South Florida Foundry & Machine Works

PALATKA—Stanton Foundry & Machinery Co.

PLANT CITY—Plant City Foundry, Machine, Boiler Works

TAMPA—Tampa Foundry & Machine Co.

GEORGIA.

ATLANTA—Atlanta Mfg. & Supply Co.

Pratt Engineering & Machine Co.

Southern Iron & Equipment Co.

Spalding Foundry Co.

Withers Foundry & Machine Works

AUGUSTA—Georgia Iron Works

BRUNSWICK—Parker-Hensel Engineering Co.

COLUMBUS—Columbus Iron Works

Golden's Foundry & Machine Co.

CORDELE—Tomlin-Harris Machine Co.

MACON—Mallory & Roper Co.

Schofield's J. S. Sons Co.

ROME—Davis Foundry & Machine Works

Rome Machine & Fdry Co.

SAVANNAH—Kehoe Iron Works

Rourke John & Sons

WEST POINT—West Point Iron Works

WINDER—Woodruff Machinery Mfg. Co.

ILLINOIS.

AURORA—Aurora Metal Co.

Love Bros.

BELLEVIEW—M. H. Foundry & Mfg. Co.

CAIRO—Reed Hardware & Mfg. Co.

CHICAGO—Acme Metal Mfg. Co., 327 N Wabash av

Acme Supply Co., 28 E Jackson Blvd

Adams & Westlake Co., 319 W Ontario

Allen W. D. Mfg. Co., 570 W Lake

Anderson A. H. (Light & Heavy), 1213 Fulton

Anderson Bros., 1388 Fulton

Anderson Wm. B. Fdry Co., 23 E Clinton

Chicago Hardware Foundry Co., 546 Washington Blvd

Chicago Journal Bearing Co. (High Grade), 519 W Van Buren

Dawson Brothers, 523 N Halsted

DIAMOND EXPANSION BOLT CO.

(Brass), 168 No. Michigan av.

See adv index at end of book

Eddy Brass Foundry & Machine Co., 301 N Halsted

Empire Brass Works, 824 Fulton

Faunt Bros., 1555 Fulton

Federal Brass Works, 3100 S Kedzie

Federal-Huber Co., 234 N Halsted

Griscom-Russell Co.

See adv index at end of book

Harris Arthur & Co. (Heavy), 212 N Curtis

Heath-Johnson Co., 300 W Ontario

Hills-McCanna Co., 153 W Kinzie

Hodgson Foundry Co., 2012 W 13th

Holland Brass Works, 616 W Monroe
Illinois Malleable Iron Co., 1801 Di-
versy blvd
See adv index at end of book
Imperial Brass Mfg. Co. (Red, White,
Yellow & Hard Brass), 524 S Ra-
cine av

See adv index at end of book
Magnus Co., 80 E Jackson blvd
Mahoney Pat'k F., 552 W Lake
Newman Mfg. Co., 68 W Washington
See adv index at end of book
Paragon Metal Co., 3050 S Ashland av
Ryan J. J. & Co., 100 S Jefferson
Smeeth-Harwood Co., 2401 W 22d
Smith F. P. Wire & Iron Works, Lake
& Dearborn, Chicago, Ill.
See adv index at end of book

STANDARD-TYLER CO. (Bronze),
2436 W 15th

Stier Herman, 814 George
Street & Kent Mfg. Co. (Plumbers'
Specialties), 549 Fulton
Weir & Craig Mfg. Co., 2421 Wallace
Western Brass Mfg. Works, Marshall
blvd & W 21st
White Brass Castings Co., 1656 Aus-
tin av

DECATUR—Faries Mfg. Co.
DE KALB—Haish Jacob Co.
EDWARDSVILLE—Edwardsville Brass Co.
FREEPORT—Stover Mfg. Co.
LITCHFIELD—Litchfield Foundry & Ma-
chine Co.

MOLINE—Schmidt Joseph
Western Pattern & Mfg. Co.
MURPHYSBORO—Southern Illinois Ma-
chine & Foundry Co.

NORTH CHICAGO—Chicago Hardware
Foundry Co.

PEORIA—Brass Foundry Co.
Kinsey & Mahler Co.

QUINCY—Bush Foundry & Metal Wheel
Co. (Also Iron)

Hayton Pump Co. (Brass & Iron)
Modern Iron Works
Quincy Foundry & Novelty Co.
Van Doorn Co.

ROCKFORD—Rockford Brass Works

ROCK ISLAND—Blake Specialty Co.

Rock Island Metal Foundry, 505 41st

INDIANA.

ANDERSON—Lavelle Foundry Co. (Brass)
BEDFORD—Bedford Foundry & Machine
Co.

ELKHART—Northern Indiana Brass
Fdry. Co.

EVANSVILLE—Evansville Brass Works
Grote F. Mfg. Co.
Healey Peter

Heilman Machine Works

HAMMOND—Hammond Brass Works

INDIANAPOLIS—Drew Electric & Mfg.
Co.

Keyless Lock Co.

Nordyke & Marmon Co., 1290 Ken-
tucky av

Pioneer Brass Works

KOKOMO—Kokomo Brass Works
Long Bros.

MARION—Marion Machine Foundry &
Supply Co.

Rutenber Motor Co.

MICHIGAN CITY—Haskell & Barker Car
Co.

MUNCIE—Machsts. Foundry Co.

RICHMOND—Standard Pattern & Mfg. Co.

SOUTH BEND—Fulton Harwood Brass
Foundry Co.

TERRE HAUTE—Prox & Burget Co.

Terre Haute Bronze & Brass Foundry

IOWA.

CEDAR RAPIDS—Dearborn Brass Co.
Iowa Steel & Iron Works

DAVENPORT—Davenport Locomotive
Works

Davenport Machine & Fdry. Co.

DES MOINES—Hawkeye Machine & Brass
Works

KEOKUK—Keokuk Hydraulic Tire Setter
Co.

NEWTON—Parsons G. W. Co.

KANSAS.

IOLA—United Iron Works Co.

TOPEKA—Topeka Foundry & Mfg. Co.
Western Foundry & Machine Works

WICHITA—Western Iron & Foundry Co.

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co.
LEXINGTON—Lexington Engine & Boiler
Works

LOUISVILLE—Ahrens & Ott Mfg. Co.

Henzmann & Richard

Moran Flexible Steam Joint Co.

Steger E. A. Mfg. Co.

Vogt Henry Machine Co.

LUDLOW—Carran Richard B. & Sons Co.

LOUISIANA.

NEW ORLEANS—Dibert, Bancroft & Ross
Co., Ltd., Tulane & Hagan av
Koretke F. H. Brass & Mfg. Co. (Ltd.),
922 Magazine

Murphy John H., 643 Magazine

Swoop Julian M., 913 Girod

MAINE.

BANGOR—Union Iron Works

BATH—Bath Iron Works Ltd.

Torrey Roller Bushing Works

Watson, Frye & Co. (Railroad & Mill)

CALAIS—McCullough & Tait

CAMDEN—Knowlton Bros.

DEXTER—Fay & Scott

HALLOWELL—Fuller's Geo. Sons

MECHANIC FALLS—Penney J. W. &
Sons Co.

PORTLAND—Babbitt Chas. E.

Knight Bros.

Laughlin Thos. Co.

Megquier & Jones Co.

Portland Co.

RUMFORD—Clark Foundry Co.

SO. PORTLAND—Marine Hardware &
Equipment Co.

MARYLAND.

BALTIMORE—Baltimore Brass & Plating
Works, 118 E Centre

Boehm Henry E & Co., 306 N Holliday

Farrell Edw. P., 1414 Philpot

Gibson & Kirk Co. (Up to 150 lbs),
217 Key Highway

Gisriel Wm & Son, Federal & Gull-
ford av

Kugler & Shane, Woodall & Clement

Liberty Brass Works, 305 W Lombard

Limerick J. Arthur Co. (Artistic), 900
N Howard

McShane Bell Fdry. Co.

Mackin F. M. & Co., 1729 Lamont av

Maryland Brass & Metal Works,
Guilford & Federal

Poole Engineering & Machine Co.,
Woodberry Station

Richardson Edro Brass Co., 318 N
Holliday

CUMBERLAND—McKaig Merwin

HAGERSTOWN—Hagerstown Metal &
Refining Co.

WESTMINSTER—Westminster Metal &
Fdry. Co.

MASSACHUSETTS.

AMESBURY—Amesbury Brass & Foundry
Co.

BOSTON—American Tool & Machine Co

(Also Iron), 10 High

Boston Foundry Co., 210 Border

Clark D. W. & Co., 280 1st

d'Este Julian Co., 24 Canal

Duncan Wm., 288 Meridian E. B.

Gibby Foundry Co., 96 Condon, E B

Granular Metal Co., 77 Farnum

Hamlin & Emery Brass Co., 49 Island

Livermore Homer F., 85 Pearl

Macallen Co., 16 Macallen South

McCafferty J. H. Co., 434 Harrison av

McGANN THOS. F. & SONS CO. (Art,
etc), 117 Portland

See adv index at end of book

Metal Products Co. (& Composition),
78 Portland

Rogers E., 34 Beach

Star Brass Mfg. Co., 108 E Dedham

Star Refining Co., 116 W First

Walworth Mfg. Co.

CAMBRIDGE—Ashton Valve Co., 161 First

Hayden G. W.

CLINTON—Clinton Foundry Co. (Also
Iron)

EAST BRIDGEWATER—Old Colony
Foundry Co.

FALL RIVER—Fall River Foundry & Ma-
chine Co.

Mechanics Foundry & Machine Co.

FITCHBURG—Hardy Wm. A. & Sons Co.
Welch E. J. & Co.

GARDNER—Gardner General Foundry Co.

GLOUCESTER—Reed Geo. A. & Son

HAYDENVILLE—Haydenville Co.

HOLYOKE—Higgins & Co.

LAWRENCE—Fallon T. F. & Co.

Gallison F. L.

LOWELL—Pevey Fdry. Co.

Union Brass Foundry Co.

LYNN—Dempsey Jno. F. & Co.

ORANGE—Hunt Rodney Machine Co.

PEABODY—Marine Hardware Co.

SALEM—Waters A. S.

SPRINGFIELD—Emory P. P. Mfg. Co.

Hampden Brass Co.

Harley Company

Rider-Bagg Co.

TAUNTON—Trefethen D. A.

WALTHAM—Boston Brass Co. ("B.B."),
135 Bacon

See adv index at end of book

WEBSTER—Prescott J. B. & Son

WOLLASTON—Hall Wm. Co. (Bronze
Specification)

WORCESTER—Cahill Mfg. Co.

Reed & Prince Mfg. Co. (Small)

Washburn Shops

Worcester Brass Co.

MICHIGAN.

BATTLE CREEK—Sherman H. B. Mfg.
Co.

BAY CITY—Bay City Iron Co.

Great Lakes Brass Foundry

MacKINNON BOILER & MACHINE

Co., 218 N Water

See adv index at end of book

CHARLOTTE—Hancock Mfg. Co.

CHEBOYGAN—Blake H. A. & Son (Also
Iron)

COLDWATER—Champion Brass Works

DETROIT—Allyne Brass Foundry Co., 207
Crawford

American Brass & Iron Co., Crystal
& Trombly

Bryant & Berry Co., 34 W Atwater

Capital Brass Works, Chene & Frank-
lin

Clayton & Lambert Mfg. Co. (Red &
Yellow Brass), 205 Piquette av E

Detroit Brass Works, Brooklyn & Belt
Line

Detroit Copper & Brass Rolling Mills

Detroit Foundry Co.

Detroit Motor Casting Co., 299 Beau-
fait

Detroit Ship Building Co.

Diamond Mfg. Co.

Enterprise Foundry Co., 57 Warren
av E.

Essex G. B. Brass Co.

General Aluminum & Brass Mfg. Co.,
Blvd & St. Aubin av

Graebert & Sons, 12 Sherman

Hackett Bros., 242 Lillibridge

Ireland & Matthews Mfg. Co., 51 Iron

McRAE & ROBERTS CO. (Steam
Brass Goods), 227 Campbell av

See adv index at end of book

Magnus Co.

Sherwood Brass Works, 1167 Jeffer-
son, E

Standard Brass Works, 97 Wight

Stephens Roe Mfg. Co.

Sterling & Skinner Mfg. Co., 2672 E
Grand blvd

Thiery & Kendrick Mfg. Co., 660
Franklin

GRAND HAVEN—Dake Engine Co.

GRAND RAPIDS—Grand Rapids Brass
Co.

Harring, F. J. & Co.

Hartman H. J. Foundry Co.

Keeler Brass Co.

Rempis & Gallmeyer Foundry Co.

Wolverine Brass Works

HANCOCK—Portage Lake Foundry &
Machine Co.

HOLLAND—Huntley Machinery Co.

JACKSON—Jackson Brass Foundry Co.

KALAMAZOO—Star Brass Works

LANSING—Gerson & Carey

Michigan Brass & Iron Works

LAPEER—McDonald Wm. Sons

MENOMINEE—Prescott Co.

MUSKEGON—Muskegon Aluminum Foun-
dry Co.

PORT HURON—Draper Mfg. Co.

SAGINAW—Bartlett A. F. & Co.

Jackson & Church Co.

TRAVERSE CITY—Round Harry W.

MINNESOTA.

DULUTH—Duluth Brass Works Co.
 MINNEAPOLIS—Commutator Co., 121 N 1st
 Twentieth Century Brass Works, 231 5th av S
 ST. CLOUD—St. Cloud Iron Works Co.
 ST. PAUL—Northwestern Copper & Brass Works, 59 W 3rd
 South Park Foundry & Machine Co., Pioneer bldg
 St. Paul Brass Foundry Co., Minnesota & Second
 Union Brass & Metal Mfg. Co., Law-son & Mackubin
 Western Machine Mfg. Co., 443 Rosa-bel
 VIRGINIA—Virginia Foundry & Machine Co.

MISSISSIPPI.

LAUREL—Laurel Machine & Foundry Co.
 NATCHEZ—Shaw C. P. & Co.

MISSOURI.

CLINTON—Industrial Iron Works
 JOPLIN—Joplin Foundry Co.
 KANSAS CITY—Central Brass Works Co.
 Kansas City Wire & Iron Works, 1428 Oak
 Prier Brass Mfg. Co.
 Star Brass Works Co.
 ST. JOSEPH—Crowther & Rogers Mfg. Co.
 St. Joseph Brass & Iron Co.
 ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg
 American Foundry & Mfg. Co., 11th & Herbert
 Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park bl
 Hewitt Mfg. Co., 4153 Clayton av
 Kraushaar Brass Mfg. Co., 1112 Market
 Kupferle Bros. Mfg. Co., 602 N 2nd
 Laclede Brass Works, 307 Cedar
 More-Jones Brass & Metal Co., B'way & Dock
 Natl. Art Bronze Wks. Co., Pope & Carrie avs
 St. Louis Brass Mfg. Co., Washington & Jefferson avs
 St. Louis Car Co. (Railway, etc), 8000 N B'way
 SPRINGFIELD—United Iron Works Co.

MONTANA.

BUTTE—Montana Iron Works

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.
 HASTINGS—Hastings Foundry & Iron Works
 LINCOLN—Hedges C. E.
 YORK—York Foundry & Engineering Works.

NEW HAMPSHIRE.

CONCORD—Ford & Kimball
 EAST CONCORD—Badger, Franklin L.
 EXETER—Exeter Brass Works
 NASHUA—Highton Wm. & Sons Co.
 PENACOOK—Concord Axle Co.
 UNION—Hamlin E. F. Brass Co.

NEW JERSEY.

ARLINGTON—Lovell F. H. & Co.
 BAYONNE—Bayonne Casting Co.
 BELLEVILLE—Eastwood Wire Mfg. Co. (¼-oz to 20,000 lbs.)
 BLOOMFIELD—Jenkins Mfg. Co.
 DUNELLEN—Hall Printing Press Co.
 EAST NEWARK—Hewitt Jno.
 EAST ORANGE—Smith A. P. Mfg. Co.
 ELIZABETH—Elizabeth Machine & Iron Works
 FLEMINGTON—Foran Foundry & Mfg. Co.
 HOBOKEN—Elevator Supplies Co.
 Fletcher W. & A. Co.
 Union Iron Works
 JERSEY CITY—Brady Brass Co., 170 14th
 Gotthberg H. & E., 139 Cator av
 Krouse Geo. (Heavy), 150 Morgan
 Magnus Co., 364 9th
 Murphy Wm. J., 279 10th
 Schroeder Edw. Lamp Works, 716 Jersey av

Spindler & Deringer, 243 Mercer
 Williams E. A. & Son, 109 Plymouth
 LAMBERTVILLE—Lambertville Iron & Steel Co.
 LYNDHURST—Leslie Co.
 NEWARK—Bushauer P., 261 Elm
 Defreville & Masset, 60 Elm
 Goldsmith C. A., 42 Cutler
 Hedges & Bro., 12 R. R. pl
 Hewes & Phillips Iron Works, 8 Orange
 Josts E. Sons, 48 Dickerson
 Newark Brass Works, 20 Lawrence
 Riley-Klotz Mfg. Co., 17 Mulberry
 Schueler T. & Co., 48 19th av
 Turner Machine Co., 28 Eagles
 Wheaton A. W. Brass Works, 21 R. R. pl.
 Zusi Edward, 80 Mechanic
 Zusi Edward A., 101 Monroe
 NEW BRUNSWICK—Empire Foundry Co.
 New Brunswick Iron Works
 PATERSON—Asbell S. J. Co. (Small)
 Finigan-Zabriskie Co. (Todd Mills, Brass & Iron Castings)
 PERTH AMBOY—Schantz & Eckert (Also Iron)
 SALEM—Salem Brass & Iron Mfg. Co.
 TRENTON—CROSSLEY MACHINE CO., State & Chestnut av
 See adv index at end of book
 McFarland Foundry & Machine Co.
 Trenton Brass & Machine Co.
 Trenton Malleable Iron Co.
 Watson John & Sons Co.

NEW YORK.

ALBANY—Cox Brass Mfg. Co.
 FitzGerald John L.
 Gaynor P. F.
 Hartnett John J.
 Thacher Geo. H. & Co.
 BALLSTON SPA—Davison-Namack Fdry Co.
 BUFFALO—Acme Steel & Malleable Iron Works, 245 Military rd
 Buffalo Non-Ferrous Casting & Mfg. Co., 145 Chandler
 Case W. A. & Sons Mfg. Co., 31 Main
 Fries & Co., 91 Main
 LUMEN BEARING CO. 200 Lathrop
 See adv index at end of book
 Maute J. & Sons, 23 Kane
 Pohlmann John W., Foundry Co., 205 Baltz av
 Standard Foundry Co.
 Titan Copper Products Co., 376 Massachusetts av
 Unique Brass Foundry Co., 841 Grand
 Zero Valve & Brass Mfg. Co.
 COHOES—Cohoes Iron Foundry & Machine Co.
 Simcox Jos. H.
 FREEPORT—Columbian Brass Foundry
 GRASSY POINT—Wiles A. M. & W. H. Co.
 HUDSON FALLS—Sandy Hill Iron & Brass Works
 JAMESTOWN—Ellison Brass Mfg. Co.
 Weber-Knapp Co.
 LOCKPORT—McKim Foundry & Machine Co.
 NEWBURGH—Abendroth & Root Mfg. Co.
 Alberger Pump & Condenser Co. (Office, N. Y. C.)
 Coldwell Wilcox Co.
 Kimball's S. G. Son

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Basin Iron Works, Imlay & Summit
 BLISS E. W. CO., 19 Adams
 See adv index at end of book
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut
 Coyne & Delany Co., 832 Kent av
 Creamer W. G. & Co., Creamer, c Smith
 Hamilton Robert & Sons, 56 Water
 Hemsher Metal Co., 18 Rapelyea
 Huethwohl Louis, 513 Flushing av
 Jefferson Brass Foundry, 209 King
 Paulson Thos. & Son, 97 2d av
 Penn Brass & Bronze Works, 111 Dobbin
 Roman Bronze Works, 275 Greene
 Silver Aluminum Metal Co., 294 Taaffe pl, B'klyn, N. Y.
 Staats Geo. & Co., 74 Bayard
 Taylor & Co., Morgan & Norman avs

Boroughs of Manhattan and Bronx.

NEW YORK—Abendroth & Root Mfg. Co., 45 B'way
 Alberger Pump & Condenser Co., 140 Cedar
 Bronze Metal Co., 30 Church
 Creamer W. G. & Co., 96 John
 Cunningham Wm. J., 21 Park Row
 DIAMOND EXPANSION BOLT CO. (Brass), 89 West
 See adv index at end of book
 Gallagher's Jas. Sons, 87 Centre
 Gerdes & Co., 42 Church
 See adv index at end of book
 GORHAM CO. ARCH'L BRONZE ("Gorham" Special Patent), 5th av & 36th. Works: Providence, R. I. See adv index at end of book
 Griscom-Russell Co., 92 West
 See adv index at end of book
 Guerin P. E., Inc., 21 Jane
 Harper Thos., 204 Lafayette
 Henry-Bonnard Bronze Co. (also Bronze & Iron), 20 Exchange pl.
 Jackson W. H. Co., 2 W 47th
 Levett Walker M. Co., 417 E 23d
 McCauley Frank, 502 W 25th
 Magnus Co., 111 B'way
 Manhattan Brass Co., 333 E 26th
 Motor Car Spring Co., 243 W 17th

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New York Brass Fdry. Co., 104 Centre
 Rock Products Equipment Corp., 41 Church
 See adv index at end of book
 Scholl Adam, 225 E 138th
 Tuttle & Bailey Mfg. Co., 52 Vanderbilt av
 Williams John, 556 W 27th

Borough of Queens.

ASTORIA—Federal Brass & Bronze Co., Ridge
 LONG ISLAND CITY—McGee Jos. Iron & Brass Foundry Co., 51 6th
 Russell Foundry & Machine Works, 51 6th
 MASPETH—Queensborough Brass & Bronze Foundry, 184 Broadway
 Richey, Brown & Donald, Flushing av
 (End of New York City)
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 Titanium Alloy Mfg. Co.
 NORTH TONAWANDA—Herschell-Spillman Co.
 ROCHESTER—Atkinson Co. (1000 to 5000 lbs.)
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 North West Aluminum & Brass Foundry
 Nunn Brass Works
 Wray Henry & Son
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 SARATOGA SPRINGS—Shevlin Geo. F. Mfg. Co.
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 Oberdorfer M. L. Brass Co., 810 E Water
 Onondaga Brass Co.
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 Senk Jno. & W.
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 Walker Bros. Co.
 TONAWANDA—Gillie Machine Co.
 TROY—Wheeler Bros. Brass Foundry
 UTICA—Merriam F. M.
 Utica Brass Works

NORTH CAROLINA.

NEWBERN—Newbern Iron Works & Supply Co.
 RALEIGH—Raleigh Iron Works Co.
 WILMINGTON—Wilmington Iron Works

OHIO.

AKRON—Akron Foundry Co.
Star Drilling Machine Co.

ALLIANCE—Alliance Brass & Bronze Co.
Morgan Engineering Co., Alliance, O.
See adv index at end of book

BOWLING GREEN—Universal Machine Co.

BUCYRUS—Ryder Brass Foundry Co.

CANTON—Best Light Co.
Canton Brass & Machine Co.
Elbel Co.
Frankham Wm. Brass & Bronze Co.

CINCINNATI—Cincinnati Mfg. Co.
See adv index at end of book
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Edna Brass Mfg. Co. (Light & Heavy), 525 Reading rd
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Fewlass-Leen Brass & Iron Co., 610 E Front
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Kirkup Robt. & Co., 616 Lodge

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McGowan Jno. H. Co., 64 Central av
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Newman Mfg. Co., 717 Sycamore
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Ohio Pattern Works (Ornamental)
Powell Wm. Co. (Bronze Only)
Queen City Brass & Iron Works
Richter & Co., 210 E 9th
Triumph Electric Co., Oakley
See adv index at end of book
Van Dusen E. W. Co., 428 E 2d

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Aluminum Castings Co. (Lynux), 6205 Carnegie av S E
Buckeye Brass & Mfg. Co.
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Ideal Bronze Co., 1265 E 55th
K. & M. Casting Co., 10611 Quincy av
Monarch Brass Co.
National Bronze & Aluminum Foundry Co., 2539 E 79th
Standard Brass Foundry Co., 990 E 67th
Triumph Electric Co., Wade bldg
TYLER W. S. CO. (Bronze), Cleveland, O.
See adv index at end of book
United Brass Mfg. Co., 3844 Hamilton av
Wellman Bronze Co. (Medium & Heavy), 6017 Superior av

COLUMBUS—Atlas Brass Foundry Co., 991 S Front
Columbus Brass Co., 538 Dublin av
See adv index at end of book
Ohio Pump & Brass Co.

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Dayton Mfg. Co.
Dennick Wm. & Co.
Hoban Brass Foundry Co.
Miami Brass Foundry Co.

FOSTORIA—"S-C" REGULATOR MFG. CO. *See adv index at end of book*

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HAMILTON—Hamilton Copper & Brass Works

LORAIN—Lorain Casting Co.

MT. VERNON—Cooper C. & G. Co.

MANSFIELD—Buckeye Tempered Copper & Brass Co.

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See adv index at end of book

MINERVA—Minerva Hardware Mfg. Co.

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NEW PHILADELPHIA—Rath Aluminum & Brass Co.

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RIPLEY—Ripley Foundry & Machine Co.

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Sandusky Fdry & Machine Co.

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Springfield Brass Co.

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See adv index at end of book
Duncan Co.
Seeger Valentine
Toledo Brass & Novelty Works
Toledo Ship Building Co.

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Tod Wm. Co.
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Jarecki Mfg. Co.
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Watson N. A.

FRANKLIN—Hough Chas. N. Mfg. Co.

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Kelly & Jones Co.

GROVE CITY—Imperial Co.

HARRISBURG—Hickok W. O. Mfg. Co.

HOMESTEAD—Homestead Valve Mfg. Co.

JOHNSTOWN—Flood City Mfg. Co.
Suppes Forge & Foundry Co.

LANCASTER—Fraim E. T. Lock Co.
See adv index at end of book
Hubley Mfg. Co.
Miller J. Walter Co.

LANSDALE—Heebner & Sons (Brass)

MARIETTA—Marietta Casting Co.

MOUNT CARMEL—Mount Carmel Iron Works

NAZARETH—Nazareth Foundry & Machine Co.

NEW BRIGHTON—Keystone Bronze Co.

NEW CASTLE—Johnson Bronze Co.

NORTH EAST—Electric Materials Co.
Eureka Co.

NORTH WALES—North Wales Machine Co.

OIL CITY—National Transit Pump & Machine Co.
See adv index at end of book

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Hartman Co., 1231 N Front
Homer Brass Works, 231 Race

Kirn M. L. & Bro., 2135 N Lawrence
Lonergan J. E. Co., 211 Race
McHatton Foundry Co., 1500 Washington av
Morris I. P. Co., Beach & Ball
Mousley's Chas. Sons, 457 N 12th
Nelson Valve Co., Harrison bldg
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Ott Geo. F. Co., 213 Buttonwood
Petry N. A. Co., 1309 Race
Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson
Phosphor-Bronze Smelting Co., 2200 Wash'n av
Reeves Paul S. & Co. (Red & Yellow Brass, etc), 1415 Catharine
Rosenthal's Jos. Sons, 190 W. Berks
Savill's Thos. & Sons, 1310 Wallace
Schoenewald Robt.
Sheeler-Hemsher Co., 811 Fairmount av
Talmage Thomas, 1123 Appletree
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Chaplin-Fulton Mfg. Co., 34 Penn av
DAMASCUS BRONZE CO. ("Damascus," for Rolling Mills, Railroads & Electric Railways), North Side
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Kelly & Jones Co., 135 Water
Kennedy-Stroh Corp'n
Keystone Bronze Co. (High Grade)
Lawrenceville Bronze Co., 31st & Penn av, Pittsburgh, Pa.
Mackintosh-Hemphill & Co. (Rolling Mill, etc)
Mesta Machine Co.
See adv index at end of book
Newlands Bros., 28th & A V Ry
Pittsburgh Brass Mfg. Co.
Pittsburgh Lamp, Brass & Glass Co., 130 7th
Pittsburg Piping & Equipment Co., 35th & Charlotte
Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry
United Engineering & Foundry Co., 307 5th av
Vanadium Metals Co., Vanadium bldg

PITTSTON—Exeter Machine Wks. (Rough or Finished)

POTTSTOWN—Light Mfg. & Foundry Co. ("Automobile")

READING—Crescent Brass Mfg. Co.
Dick Bros.
Excelsior Brass Works (Dry & Green Sands)
Kline & Co.
Reading Brass Works

SAYRE—Sayre Stamping Co. (High Grade)

SCOTTDAL—Scottdale Machine & Mfg. Co.

SCRANTON—American Safety Lamp & Mine Supply Co.
Everhart Brass Works
Finch Mfg. Co.
Hughes Bros.
McClave-Brooks Co., Poplar
Scranton Pump Co.

SOUTH BETHLEHEM—Bethlehem Steel Co.

WAYNESBORO—Waynesboro Foundry & Machine Co.

WILKES-BARRE—Vulcan Iron Works

WILLIAMSPORT—Darling Pump & Mfg. Co. (Ltd.)
United States Machine Co.
Valley Iron Works (Also Iron)

RHODE ISLAND.

CENTRAL FALLS—Newell Fred. E.

PAWTUCKET—Jenkinson John

PROVIDENCE—Allen Fire Dept. Supply Co., 159 Aborn
Fuller Iron Works, 140 Tockwotten
IDEAL-DIE CASTING CO., 756 Eddy
Lyon J. W., 46 Clifford
Providence Brass & Aluminum Foundry, 460 Eddy
White-Stillman Foundry Co., 1 Bark

WOONSOCKET—Woonsocket Machine & Press Co.

SOUTH CAROLINA.

CHARLESTON—Valk & Murdoch Co.

TENNESSEE.

CHATTANOOGA—Acheson Foundry & Machine Works
Columbian Iron Works
Gustafson Mfg. Co.
Price-Evans Foundry Co.
Sharp J. C. Brass Works
CLARKSVILLE—Clarksville Foundry & Machine Works
KNOXVILLE—Fair Foundry Co.
Knoxville Foundry & Machine Co.
MEMPHIS—Chickasaw Machine & Foundry Co.
NASHVILLE—Lawrence J. H. & Sons
Nashville Machine Co.

TEXAS.

BEAUMONT—Beaumont Iron Works Co.
DALLAS—Dallas Brass Mfg. Co.
Mosher Mfg. Co.
DENISON—Knaur & Howe (Also Iron)
Knaur W. E.
FORT WORTH—Midland Brass Works
GALVESTON—Walsh & Cleary (Also Iron)
HOUSTON—Dickson Car Wheel Co.
Southern Brass Mfg. & Plating Co.
MARSHALL—Marshall Car Wheel & Foundry Co.

UTAH.

SALT LAKE CITY—Salt Lake Engineering Works
Union Foundry & Machinery Co.

VERMONT.

POULTNEY—Ruggles Machine Co.
SPRINGFIELD—Springfield Brass Co.

VIRGINIA.

COVINGTON—Covington Machine Co.
HAMPTON—Hampton Mfg. Co.
LYNCHBURG—Hubard Fdry. & Machine Works
NORFOLK—Edmonds W. A. & Co.
Ridgewell & Hall
RICHMOND—Carr Jas. W.
McGee O. G. & Son
Richmond Fdry. & Mfg. Co. (Light)
Strickland Machine Co., 2330 E Main
Tredegar Co. (Brass)
ROANOKE—Roanoke Iron Works
WYTHEVILLE—Wytheville Iron Works
("Wi Wi")

WASHINGTON.

SEATTLE—Art Hardware & Mfg. Co.
Eagle Brass Foundry
Enterprise Brass Foundry
Seattle Brass Co.
Seattle Cons. & Dry Dock Co.
SPOKANE—National Iron Works
Pacific Iron Works
Union Iron Works
TACOMA—Griffin Wheel Co. (Also Iron)
Puget Sound Iron & Steel Works

WEST VIRGINIA.

MORGANTOWN—Chrisman - Goodwin Foundry Co.
PARKERSBURG—Valley Machine Co.
POINT PLEASANT—Heslop J. W. C.
WHEELING—Wheeling Bronze Casting Co.

WISCONSIN.

ALGOMA—Woodsedalak Jos.
APPLETON—Valley Iron Works Co.
BELOIT—Lipman Mfg. Co.
BURLINGTON—Burlington Brass Wks.
(Brass Founders & Finishers)
CEDAR GROVE—Wisconsin Foundry & Steel Works
KENOSHA—Badger Brass Mfg. Co.
Frost Mfg. Co.
LA CROSSE—Franklin Iron Works (Also Iron)
MERRILL—Merrill Iron Works
MILWAUKEE—American Brass Foundry Co.
Claus Automatic Gas Cock Co., 2601 Vliet
Colnik C. Mfg. Co., 750 Greenbush
Hewitt Mfg. Co. (Up to 2000 lbs), 241 Greenfield av
Hoffman B. Mfg. Co., 257 6th
Kagel Bros. 1208 St. Paul av

Kruecke Bros. Mfg. Co., 515 Park
Lamp & Miller Mfg. Co., 382 4th
Loeffelholz Co., 170 Clinton
Milwaukee Aluminum & Brass Foundry Co., 295 Reed
Milwaukee Brass Mfg. Co., 251 Lap-
ham
Milwaukee Bronze Casting Co., 119
Clinton
Milwaukee Valve Co., 139 Burrell
Rundle-Spence Mfg. Co., 63 2d
Standard Brass & Iron Works, 1820 St.
Paul av
Wisconsin Foundry Co., 1138 32nd
NEENAH—Neenah Brass Works
OSHKOSH—Wisconsin Iron & Metal Co.
RACINE—Racine Aluminum & Brass
Foundry
Racine Brass & Iron Co.
SHEBOYGAN—Jenkins Machine Co.
TOMAHAWK—Tomahawk Steel & Iron
Works
WATERTOWN—Brandt-Dent Co.

2152—Castings (Bridge)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bonney-Floyd Co. (Open-Hearth, Converter & Crucible Steel), Columbus, O.
Builders' Iron Foundry (For Caissons, etc), 9 Coddling, Providence, R. I.
Chester Steel Castings Co., Chester, Pa.
Cureton Wm. & Sons (Grey Iron), Lexington, Richland Co., O.
Minneapolis Crucible Steel Co., 38th av, N E & 5th, Minneapolis, Minn.
Morgan Engineering Co., Alliance, O.
See adv index at end of book
Nunning Frank & Son, 215 W 2d, Cincinnati, O.
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
Southern Wheel Co. (Grey Iron), Railway Exchange bldg, St. Louis, Mo.
Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Warren Steel Casting Co. (Steel), 4700 Fyler av, St. Louis, Mo.
Western Steel Car & Foundry Co., 37 W. Van Buren, Chicago, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

Castings (Builders')

See firms marked with a Star (*) in Iron, Architectural & Ornamental; also Machinists & Founders

2152a—*Castings (Car)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2153—Castings (Carbon Steel)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
Bayonne Casting Co., Bayonne, N. J.
Chain Belt Co., Milwaukee, Wis.
Jewell Steel & Malleable Co., Buffalo, N. Y.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Malleable Iron Fittings Co., Branford, Conn.
Parsons G. W. Co., Newton, Ia.
St. Louis Steel Foundry, Hamburg & Kenlen av, St. Louis, Mo.
Strong Steel Foundry Co., Buffalo, N. Y.
Union Steel Casting Co., Pittsburgh, Pa.
Warren Steel Casting Co. (Crucible), 4700 Fyler av, St. Louis, Mo.
WHARTON WM. J. & CO., INC., Easton, Pa.

2153a—*Castings (Caustic)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2153b—*Castings (Cement Mill)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2154—Castings (Charcoal Iron)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
National Roll & Foundry Co., Avonmore, Pa.
Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.
Southern Wheel Co., Railway Exchange bldg, St. Louis, Mo.
Spuck Iron & Foundry Co., 14th & Bruch, St. Louis, Mo.
Standard Foundry Co., Buffalo, N. Y.
Taylor-Wilson Mfg. Co. (Gun Iron), McKees Rocks, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

2155—Castings (Chemical Works)

Bayonne Casting Co., Bayonne, N. J.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Brunner Foundry & Mfg. Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., (Up to 200 Tons)
65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Clark J. Alfred, 35th & Gray's Ferry rd, Phila., Pa.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Duriron Castings Co. ("Duriron" acid), 90 West, New York
Eastwood Wire Mfg. Co., Belleville, N. J.
Ferguson & Lange Foundry Co., Clybourne av & Willow, Chicago, Ill.
Hunsicker Engineering Co., Lebanon, Pa.
Lehigh Car Wheel & Axle Wks., Catasauqua, Pa.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
Marshall Foundry Co., Pittsburgh, Pa.
Metals Production Equipment Co., Springfield, O.
Moore Bros. Co. (High Grade), Elizabeth, N. J.
Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.
Stuart & Peterson Co., Burlington, N. J.
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

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We make a specialty of
CHEMICAL
and other CASTINGS

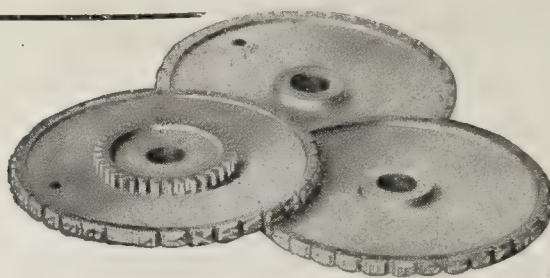
Townsend Foundry & Machine Shop Co., Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

2156—Castings (Chilled)

Chain Belt Co., Milwaukee, Wis.
Cureton Wm. & Sons, Lexington, Richland Co., O.
Farrel Foundry & Machine Co. (Iron), Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Green's Car Wheel Mfg. Co., 3018 N B'way, St. Louis, Mo.
Grote F. Mfg. Co., Evansville, Ind.
Iowa Steel & Iron Works, Cedar Rapids, Iowa
Lehigh Car Wheel & Axle Works, Catasauqua, Pa.

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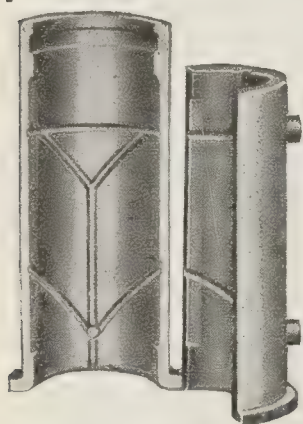
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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.

See adv index at end of book

Lobdell Car Wheel Co. (Iron, Any Weight), G nr Christiana, Wilmington, Del.

Marion Machine, Foundry & Supply Co., Marion, Ind.

Morgan Engineering Co., Alliance, O.

See adv index at end of book

New York Car Wheel Co., Buffalo, N. Y.

Pressed Steel Car Co. (Iron), 307 5th av, Pittsburgh, Pa.

Russel Wheel & Foundry Co. (Iron), Detroit, Mich.

Standard Foundry Co., Buffalo, N. Y.

Stearns-Roger Mfg. Co., Denver, Col.

United Iron Works Co., Springfield, Mo.

Western Steel Car & Foundry Co. (Iron), 37 W Van Buren, Chicago, Ill.

2157— *Castings (Chilled Iron)

Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

2158—Castings (Chrome Steel)

American Steel Foundries, McCormick bldg, Chicago, Ill.

Chrome Steel Works (Crucible & Open Hearth), Chrome, N. J.

Crucible Steel Casting Co., Lansdowne, Pa.

Mesta Machine Co., Pittsburgh, Pa.

See adv index at end of book

Sivyer Steel Castings Co., Milwaukee, Wis.

Warren Steel Casting Co. (Crucible), 4700 Fyler av, St. Louis, Mo.

2159— *Castings (Compressor)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

2159a— Castings (Condenser)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.

See adv index at end of book

2160—*Castings (Converter Steel)

See also Castings, Steel

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.

See adv index at end of book

Wharton Wm. Jr., & Co., Inc., Easton, Pa.

2161— Castings (Copper)

Acme Brass Foundry Co., Los Angeles, Cal.

Ajax Metal Co., 46 Richmond, Philadelphia, Pa.

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

Anderson Albert & J. M. Mfg. Co. (High Electric Conductivity), 289 A, Boston, Mass.

Atkinson Co., Rochester, N. Y.

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Belfield H. Co., 435 N Broad, Phila., Pa.

Boston Foundry Co., 210 Border, Boston, Mass.

Buckeye Brass & Mfg. Co., Cleveland, O.

Connellsville Machine & Car Supply Co., Connellsville, Pa.

Cooper C. & G. Co., Mt. Vernon, O.

Crown Smelting Co., Chester, Pa.

Crowther & Rogers Mfg. Co., St. Joseph, Mo.

Denver Brass Works Co., Denver, Col.

Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.

Eastwood Wire Mfg. Co., Belleville, N. J.

Edwardsville Brass Co., Edwardsville, Ill.

Electric Materials Co., North East, Pa.

Eureka Co., North East, Pa.

Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.

Gerdes & Co., 42 Church, New York.

See adv index at end of book

Germann Bronze Co., Erie, Pa.

Gilb V. & Son, Birmingham, Ala.

Gilbert A. & Sons Brass Foundry Co., 4019 Forest Park blvd, St. Louis, Mo.

Great Lakes Brass Foundry (Solid), Bay City, Mich.

Hampden Brass Co., Springfield, Mass.

Harley Co., Springfield, Mass.

Ideal-Die Casting Co., 756 Eddy, Providence, R. I.

Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.

Jenkins Mfg. Co., Bloomfield, N. J.

Keystone Bronze Co. (High Grade), Pittsburgh, Pa.

Knoxville Foundry & Machine Co., Knoxville, Tenn.

Lawrenceville Bronze Co. (Railroad, Machinery, etc), 31st & Penn av, Pittsburgh, Pa.

Liberty Brass Works, 303 W Lombard, Baltimore, Md.

Long Bros., Kokomo, Ind.

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.

See adv index at end of book

McKim Foundry & Machine Co., Lockport, N. Y.

Marion Machine, Foundry & Supply Co., Marion, Ind.

Midland Brass Works, Ft Worth, Tex.

More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.

Nazareth Foundry & Machine Co., Nazareth, Pa.

Penn Brass & Bronze Works, 111 Dobbin, Brooklyn, N. Y.

Pevey Foundry Co., Lowell, Mass.

Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.

Prier Brass Mfg. Co., Kansas City, Mo.

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.

Sheeler-Hemsher Co., 811 Fairmount av, Phila., Pa.

Smith-Harwood Co. (For Blast Furnaces, etc), 2401 W 22d, Chicago, Ill.

Stanley Bronze Co., Bridgeport, Conn.

Thacher Geo. H. & Co., Albany, N. Y.

Toledo Brass & Novelty Works, Toledo, O.

Turner & Seymour Mfg. Co., Torrington, Conn.

Union Brass Foundry Co., Lowell, Mass.

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

Ward & Williams, Hancock, Mich.

Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

Castings (Crucible Steel)

See firms in Castings, Steel, with the word Crucible following their names

2162— Castings (Die Cast)

Acme Die Casting Corp., 87 35th, Brooklyn, N. Y.

Alemite Metals Co., 341 W. Chicago av, Chicago, Ill.

American Castings Co., 30 Main, Brooklyn, N. Y.

American Die Casting Co., Indianapolis, Ind.

American Die Casting Co. of N. Y., 381 Kent av, Brooklyn, N. Y.

Berkeley Fourniss Co., Madison, Wis.

Cureton Wm. & Sons, Lexington, Richmond Co., O.

Doehler Die Casting Co. (Die Casting & Die Cast Babbitt Bearings), Court & 9th, Brooklyn, N. Y.

FRANKLIN MFG. CO., Magnolia, Syracuse, N. Y.

See adv index at end of book

Germann Bronze Co., Erie, Pa.

Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.

IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I.

Legler-Eilerman Co., Dayton, O.

Light Mfg. & Foundry Co., Pottstown, Pa.

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.

See adv index at end of book

MacDonald Hay Co., Syracuse, N. Y.

Milwaukee Die Casting Company
MAKERS OF

Die Castings, Die Cast Bearings
AND

Bronze Shell Babbitt Lined Bearings
297 4th St., Milwaukee, Wis.

Moberg C. J., Mt. Vernon, N. Y.
 Mogul Metal Co., Detroit, Mich.
 Muzzy-Lyon Co., Ltd., 161 Larned W., Detroit, Mich.
 National Lead Co., 111 B'way, New York
 Parker White Metal & Machine Co., Erie, Pa.
 Phoenix Die Casting Co., Buffalo, N. Y.
 Precision Die Casting Co., Fayetteville, N. Y.
 Spacke F. W. Machine Co., Indianapolis, Ind.
 Stewart Mfg. Co. (Vacuum Process), 323 Wells, Chicago, Ill.
 Stroh Die Molded Casting Co., 161 Michigan, Milwaukee, Wis.
 Syracuse Die Moulded Casting Co., Syracuse, N. Y.
 United Lead Co., 111 B'way, New York
 Van Wagner E. B. Mfg. Co., Fayetteville, N. Y.
 Wing T. J. & Co. (Journal Bearing & Hard Metal), 19 Woodward av., Detroit, Mich.

2162a—*Castings (Digester, Dryer & Tank)

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book

2163—Castings (Dredge, Steam Shovel, Etc.)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av., Chicago, Ill.
 Atlas Steel Casting Co. (Steel), Buffalo, N. Y.
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steels), Columbus, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book
 Cureton Wm. & Sons, Lexington, Richland Co., O.
 Detroit Steel Casting Co. (Steel), Detroit, Mich.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
 Morgan Engineering Co. (Steel), Alliance, O. *See adv index at end of book*
 Parsons G. W. Co., Newton, Ia.
 Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
 Union Steel Casting Co., Pittsburgh, Pa.
 United Iron Works Co., Springfield, Mo.
 Warren Steel Casting Co., 4700 Fyler av., St. Louis, Mo.
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2163a—Castings (Electric Steel)

American Steel Foundries, McCormick bldg., Chicago, Ill.
 Electric Steel Co. of Ind., Indianapolis, Ind.
 National Malleable Castings Co., 7706 Platt, S E Cleveland, O.
 Racine Steel Castings Co., Racine, Wis.
 Strong Steel Foundry Co., Buffalo, N. Y.
 Treadwell Engineering Co., Easton, Pa.
See adv index at end of book
 West Steel Castings Co., 805 E 70th, Cleveland, O.

2164—*Castings (Electrical)

Blackwood Steel Foundry Co., Springfield, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

2165—Castings (Evaporator)

Cureton Wm. & Sons, Lexington, Richland Co., O.
 Devine J. P. Co., Buffalo, N. Y.
 Gowanda Agricultural Works ("Gowanda," for Maple Sugar, Complete Sets), Gowanda, N. Y.

2165a—*Castings (Finished)

Philadelphia Roll & Machine Co., 23d & Washington av., Phila., Pa.

2166—*Castings (Gas Engine)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Castings (Gas & Water)

See Cast Iron Pipe Manufacturers, Gas & Water; also Gas Works Apparatus & Construction

2167—Castings (German Silver)

Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
 Ives H. B. Co., New Haven, Conn.
 Jenkins Mfg. Co., Bloomfield, N. J.
 Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
 Trefethen D. A., Taunton, Mass.

2168—Castings (Glass Furnace)

Dixon H. L. Co., Rosalyn rd., Pittsburgh, Pa.
 Patch S. B. & Sons Co., Streator, Ill.

2168a—Castings (Gold)

IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I.

2169—Castings (Grey Iron)

This List is duplicated under Machinists & Founders; see also Castings, Malleable Iron

ALABAMA.

BIRMINGHAM—Beggs Pipe & Fdry. Co. (Up to 20,000 lbs)
 Birmingham Fdry. Co. (Up to 6,000 lbs)
 Birmingham Mach. & Fdry. Co.
 Hardie-Tynes Mfg. Co. (Heavy up to 40,000 lbs)
 Joubert & Goslin Mach. & Fdry. Co.
 Montgomery Coal Washing & Mfg. Co. (Up to 2,500 lbs)
 Schaefer Mfg. Co.
 Wallwork H. Foundry Co. (Small)
HUNTSVILLE—Huntsville Foundry & Machine Co. (Up to 3,000 lbs)
MOBILE—Mobile Pulley & Machine Co.
MONTGOMERY—Hartley Boiler Works (Up to 10,000 lbs)
 Janney & Co. (Up to 7,000 lbs)
NEW DECATUR—Decatur Cornice & Roofing Co.
TUSCALOOSA—Tuscaloosa Iron Works

CALIFORNIA.

CHICO—Diamond Match Co. (Engineering Dept.)
COALINGA—Bunting Iron Works
LOS ANGELES—Llewellyn Iron Works
 Monarch Foundry Co.
 Union Tool Co.
 Washington Iron Works
RICHMOND—Santa Fe Fdry Co.
SAN DIEGO—California Iron Works
SAN FRANCISCO—Graham Jas. Mfg. Co., 531 Mission (Light)
STOCKTON—Stockton Iron Works
 Samson Iron Works
UPLAND—Upland Foundry & Machinery Co.

COLORADO.

COLORADO SPRINGS—Hassel Iron Works Co. (Up to 5 Tons)
DENVER—Clark's Foundry, 1327 Osage
 Denver Iron Works & Foundry Co. (Up to 5 Tons)
 Enz & Orr Foundry Co. (Up to 15 Tons)
 Mountain Iron Works Co. (Up to 5 Tons)
 Stearns-Roger Mfg. Co.
 Walker Mfg. Co. (Up to 5 Tons)
LEADVILLE—Engelbach Machine Mfg. Co.
PUEBLO—Pueblo Brass & Iron Fdry
 Pueblo Foundry & Machine Co. (Up to 25 Tons)

CONNECTICUT.

ANSONIA—Farrel Foundry & Machine Co.
BRIDGEPORT—Bilton Machine Tool Co., The (Machine)

Bridgeport Malleable Iron Works
 Parsons Foundry Co.
 Pequonnock Foundry (Light & Medium)

BRISTOL—Sessions Foundry Co. (Small & Large to Order)
DANBURY—Turner Machine Co.
DERBY—Birmingham Iron Foundry (Heavy)
GUILFORD—SPENCER'S I. S. SONS (INC.)
HARTFORD—Capitol Foundry Co.
 Laragy P.
 Taylor & Fenn Co.
MERIDEN—Parker Charles Co.
MIDDLETOWN—Wilcox, Crittenden & Co.
NEW BRITAIN—Malleable Iron Works
 Union Mfg. Co. (Light)
NEW HAVEN—Barnum S. H.
 McLagon Foundry Co. (All Weights)
 Warner G. F. Mfg. Co.
NEW LONDON—Hopson & Chapin Mfg. Co. (High Grade, up to 1,000 lbs)
NORWALK—Arnold & Co.
 Meeker Union Foundry Corp.
NORWICH—Vaughn Foundry Co.
ROCKY HILL—Champion Mfg. Co.
ROXBURY—Bronson Wm. & Hy
SHELTON—Meyer Fred'k C. (Small Castings a Specialty)
SOUTH NORWALK—NORWALK IRON WORKS CO.
See adv index at end of book
 Wheeler Bros.
TORRINGTON—Turner & Seymour Mfg. Co.
WATERBURY—Manufacturers' Foundry Co. (Cylinder)
 Waterbury Castings Co.
 Waterbury Foundry Co. (Low & Medium Grade Castings)

DELAWARE.

EAST WILMINGTON—HILLES & JONES CO. (Up to 75 Tons)
See adv index at end of book
WILMINGTON—Lobdell Car Wheel Co. (All Weights), G nr Christiana
 Poole J. Morton Co., ft. of Thorn

FLORIDA.

JACKSONVILLE—Florida Machine Works
 Murphy Timothy Iron Works
MIAMI—Lyne C. H.
OCALO—Ocalo Iron Works
ORLANDO—South Florida Foundry & Machine Works
PALATKA—Stanton Foundry & Machinery Co.
TALLAHASSEE—Tallahassee Iron Works
TAMPA—Tampa Foundry & Machine Co.
 Tampa Steam Ways Co.

GEORGIA.

ATHENS—Athens Foundry & Machine Works
ATLANTA—Atlanta Mfg. & Supply Co. (Up to 2,000 lbs)
 Georgia Car & Locomotive Co. (Up to 10,000 lbs)
 Southern Iron & Equipment Co. (Up to 2,000 lbs)
 Spalding Foundry Co. (Up to 10,000 lbs)
 Withers Foundry & Machine Works (Up to 10,000 lbs)
AUGUSTA—Georgia Iron Works
 Lombard Iron Works & Supply Co.
BRUNSWICK—Parker-Hensel Engineering Co.
COLUMBUS—Columbus Iron Works (Up to 10,000 lbs)
 Golden's Foundry & Machine Co.
CORDELE—Tomlin-Harris Machine Co.
MACON—Mallory & Roper Co.
NEWMAN—Cole R. D. Mfg. Co. (Up to 2,000 lbs)
ROME—Davis Foundry & Machine Works
 Rome Machine & Fdry Co. (Up to 8,000 lbs)
SAVANNAH—Kehoe Iron Works (Up to 4,000)
 Rourke John & Sons (Up to 6,000 lbs)
WEST POINT—West Point Iron Works
WINDER—Woodruff Machinery Mfg. Co.

ILLINOIS.

ALTON—Duncan Foundry & Machine Works (Up to 7,000 lbs)
AURORA—Aurora Foundry Co. (Machine Pulley Castings, etc)
 Love Bros.

BELLEVILLE—Excelsior Foundry Co. (Up to 3,000 lbs)
Harrison Machine Works (Up to 300 lbs)
M. H. Foundry & Mfg. Co.
BELVIDERE—National Sewing Machine Co. (Up to 400 lbs)
BLOOMINGTON—American Fdry. & Furnace Co.
Ma Girl P. H. (Up to 8,000 lbs)
CAIRO—Reed Hardware & Mfg. Co.
CHAMPAIGN—Burr Co.
CHICAGO—American Building Foundry Co., 2300 S Springfield av
Bolter's A. Sons (Builders' Castings, etc), 2301 Ward
Brady Jas. A. Foundry Co. (High Grade Machinery Castings), 35th & Ashland av
Buckeye Engine Co. (of Salem, O.), Marquette bldg
Caldwell H. W. & Son (Semi-Steel), 17th & Western av
Central Foundry Co., 338 N May
Champion Foundry & Machine Co. (Machine Moulded), 2435 W 14th
Dawson Brothers, 523 N Halsted
Dee Wm. E. Co., 30 N La Salle
Eddy R. M. Foundry Co. (Boiler & Machinery, Castings, Grate Bars, etc), 372 W Grand av
Ferguson & Lange Foundry Co. (1 lb to 50 tons), Clybourne av & Wil-low
Greenlee Foundry Co., 664 W 12th
Griscom-Russell Co.
See adv index at end of book
Illinois Malleable Iron Co., 1801 Di-versey blvd
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th
LINK-BELT CO., 39th & Stewart av
See adv index at end of book
Mason Davis & Co., 7740 S Chicago av
Miles C. H. Foundry Co. (High Grade Ornamental), 2443 W 21st pl
Monighan Machine Co. (Light & Heavy), 2032 Carroll av, Chicago, Ill.
Reder Foundry Co., 2125 Canalport av
Reedy Foundry Co., 4600 Iowa
Smith F. P. Wire & Iron Works (Spe-cialty, Ornamental Building Cast-ings), Lake & Dearborn
See adv index at end of book
STANDARD-TYLER CO., 2436 W 15th
Stewart-Warner Speedometer Corp., 1826 Diversey Parkway
Tarrant Foundry Co. (Light & Heavy), 373 W Grand av
Vierling Steel Works, 23d & Stewart av
Western Foundry Co. (Light Grey), 3634 S Kedzie av
Western Steel Car & Foundry Co. (Car, Locomotive & Machy.), 37 W. Van Buren
CHICAGO HEIGHTS—American Brake Shoe & Foundry Co., 332 S Michi-gan av
McDowell Fdry. Co. (Up to 10,000 lbs)
DECATUR—Decatur Foundry Co. (Up to 3,000 lbs)
Stevens Mfg. & Foundry Co. (Up to 2,000 lbs)
Union Iron Works (Up to 10,000 lbs)
DE KALB—Haish Jacob Co.
EAST ST. LOUIS—Excelsior Tool & Ma-chine Co. (Up to 12,000 lbs), 32d & Ridge
FRANKLIN PARK—Franklin Park Fdry. Co.
FREEPORT—Arcade Mfg. Co. (Light)
Rawleigh-Schryer Co (Light & Heavy)
Stover Mfg. Co. (Light)
GALENA—Galena Iron Works Corp.
Westwick John & Son
GALESBURG—Galesburg Malleable Cast-ings Co. (Light & Medium)
HARVEY—Pettigrew Foundry Co. (1 oz. to 3½ tons)
JOLIET—Humphrey & Sons
Joliet Mfg. Co. (Small)
KANKAKEE—Beaumont Valve & Hy-drant Works
Kankakee Foundry Co.
LITCHFIELD—Litchfield Fdry. & Machine Co.
MONMOUTH—Maple City Foundry & Fur-nace Co.
MOUNT VERNON—Mount Vernon Car Mfg. Co.
MURPHYSBORO—Southern Illinois Ma-chine & Foundry Co.

NORTH CHICAGO—Chicago Hardware Foundry Co. (Best Light Grey)
PEKIN—Duisdieker Foundry & Mfg. Co. (Up to 7,000 lbs)
PEORIA—Peoria Foundry Co. (Small)
PERU—Brunner Foundry & Mfg. Co. (Up to 4,000 lbs)
PONTIAC—Spartan Mfg. Co.
QUINCY—Excelsior Stove & Mfg. Co.
Modern Iron Works
Quincy Casting Co.
ROCKFORD—Love M. A. Mfg. Co.
Rockford Iron Works
Rockford Mfg. Co. (1 lb up to 1,500 lbs)
ROCK ISLAND—Blake Specialty Co. (From ½ to 300 lbs)
Rock Island Mfg. Co. (Up to 2,000 lbs)
SPRINGFIELD—Fetzer & Co. (Up to 14,000 lbs)
STERLING—Novelty Iron Works (Small)
Sterling Foundry Co. (Up to 6,000 lbs)
STREATOR—Patch S. B. & Sons Co. (Up to 5,000 lbs)
URBANA—Leavitt Mfg. Co.

INDIANA.

AUBURN—Auburn Foundry
BRAZIL—Brazil Machine & Foundry Co. (Up to 3,000 lbs)
Shaw Wm. M. Co. (Small)
BEDFORD—Bedford Foundry & Machine Co.
COLUMBUS—Caldwell & Drake Iron Works (Machinery Casting a Specialty)
EAST CHICAGO—Green Engineering Co.
ELKHART—Elkhart Hardware Mfg. Co. (Small)
Elkhart Iron Works
EVANSVILLE—Grote F. Mfg. Co. (Up to 10,000 lbs)
Indiana Stove Works
FORT WAYNE—Bass Foundry & Ma-chine Co. (Up to 60,000 lbs)
Central Foundry Co.
Menefee Foundry Co.
GOSHEN—Kelly Foundry & Machine Co. (Up to 5,000 lbs)
HAMMOND—United Boiler Heating & Foundry Co. (Up to 10,000 lbs.)
HUNTINGTON—Huntington Machine & Foundry Co. (Light & Heavy)
Majestic Co.
INDIANAPOLIS—American Foundry Co.
Byram Foundry Co.
Enterprise Iron Works
Indianapolis Foundry Co. (Light)
Inter-State Car Co.
McNamara-Koster Foundry Co.
National Malleable Castings Co.
Nordyke & Marmon Co., 1290 Ken-tucky av
Over Ewald
Peerless Foundry Co.
LAFAYETTE—Wallace Machine & Foun-dry Co.
MARION—Atlas Foundry Co.
Hulley Foundry & Machine Works (Small)
Marion Grey Iron Foundry Co. (Small)
Marion Machine, Foundry & Supply Co. (Up to 20,000 lbs.)
Rutenber Motor Co. (Light, Soft)
MICHIGAN CITY—Haskell & Barker Car Co.
MISHAWAKA—Perkins Wind Mill Co. (Small)
MUNCIE—Eagle Foundry Co. (Small)
Machsts. Foundry Co.
Muncie Foundry & Machine Co.
RICHMOND—Swayne-Robinson & Co. (Small)
Wayne Works
SOUTH BEND—Meyer Foundry & Mfg. Co.
South Bend Foundry Co.
TERRE HAUTE—Gartland Foundry Co.
WABASH—Wabash Foundry Co. (Up to 10,000 lbs.)
WARSAW—Maish Mfg. Co.

IOWA.

BOONE—Quinn Wire & Iron Works
BURLINGTON—Murray Iron Works Co. (Heavy, 60,000 lbs.)
CEDAR RAPIDS—Cedar Rapids Foundry & Machine Co. (Up to 6000 lbs.)
Iowa Steel & Iron Works
Stary Frank & Sons
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co.

DAVENPORT—Davenport Locomotive Works (Up to 10,000 lbs.)
Davenport Machine & Foundry Co.
Red Jacket Mfg. Co.
DES MOINES—Gibbons Mach. & Fdry. Co.
McDonnell Boiler & Iron Works (Up to 4,000 lbs.)
DUBUQUE—Loetscher-Ryan Mfg. Co. (Light)
KEOKUK—Keokuk Hydraulic Tire Setter Co. (Up to 10,000 lbs.)
MARSHALLTOWN—Central Foundry Co.
MUSCATINE—Niver Iron Works Co. (Light & Heavy, for All Purposes)
NEWTON—Parsons G. W. Co. (Up to 6000 lbs.)
OTTUMWA—Ottumwa Iron Works
WATERLOO—Headfort Bros. & Hitchins Foundry Co.

KANSAS.

ATCHISON—Thayer Foundry Co.
KANSAS CITY—Armourdale Foundry Co. (Up to 12 tons)
Kansas City Foundry Co. (Small)
Strait H. N. Mfg. Co.
West Side Foundry Co.
LEAVENWORTH—Great Western Mfg. Co. (Up to 3 tons)
TOPEKA—Topeka Foundry & Mfg. Co.
Western Foundry & Machine Works
WICHITA—Moore Bros. (Up to 2 tons)
Western Iron & Foundry Co. (Up to 1 ton)

KENTUCKY.

ASHLAND—Ashland Iron & Mining Co.
LEXINGTON—Lexington Engine & Boiler Works
LOUISVILLE—Avery B. F. & Sons (Plain or Machine)
Dow Wire & Iron Works
Drummond Mfg. Co.
Grainger & Co.

LOUISIANA.

ALEXANDRIA—Ruston Foundry & Ma-chine Shop (Ltd.)
CROWLEY—Acadia Iron Works (Ltd.)
JEANERETTE—Moresl Antoine Co. (Ltd.)
MANSFIELD—De Sota Foundry & Ma-chine Co. (Ltd.)
NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av

MAINE.

BANGOR—Noyes & Nutter Mfg. Co.
Union Iron Works
BATH—Torrey Roller Bushing Works
DEXTER—Fay & Scott
HALLOWELL—Fuller's Geo. Sons
PORTLAND—Babbitt Chas. E.
Portland Co. (Up to 20 tons)
RUMFORD—Clark Foundry Co.

MARYLAND.

BALTIMORE—Bartlett Hayward Co. (All Sizes), Scott & McHenry
Bates Elevator Co., 211 President
Carr Stuart R. & Co., Boston & Mont-ford av
ELLCOTT MACHINE CORP., Bush & Severn.
See adv index at end of book
Flynn & Emrich Co., 305 N Holliday
Greenmount Iron & Mfg. Co., 889 Greenmount av
Kennedy's P. Foundry Co. (Soft), cor So. Charles & Wells
Kugler & Shane, Woodall & Clement
Lacy Jas. J. Co., Block & Wills
Levering Bros., Wicomico & Monroe
Poole Engineering & Machine Co., Woodbury Sta.
Sexton S. B. Stove & Mfg. Co., 500 Block W. Conway
Weiskittel A. & Son Co., 12th & E Lombard
CUMBERLAND—Maryland Mould & Foun-dry Co.
FREDERICK—Morris Iron & Steel Co.
HAGERSTOWN—Hull's D. F. Sons
WESTMINSTER—Westminster Metal & Foundry Co.

When writing to firms listed in this book please mention
HENDRICKS'
COMMERCIAL RECISTER

MASSACHUSETTS.

ATHOL—Athol Machine Co.
 BOSTON—American Tool & Machine Co.,
 10 High
 Esterbrook's R. Sons, 202 1st
 Gibby Foundry Co., 96 Condor, E B
 Laconia Car Co., 60 Congress
 Livermore H. F. Co., 85 Pearl
McGANN THOS. F. & SONS CO.
 (Ornamental), 117 Portland
See adv index at end of book
 Metal Products Co., 78 Portland
 Smith & Lovett Co., 135 Tyler
 CAMBRIDGE—Barbour Stockwell Co.
 Cambridge Iron Works
 CHICOPEE—Ames Sword Co.
 Spaulding A. G. & Bros. Mfg. Co.
 EASTON—Belcher Malleable Iron Co.
 FAIRHAVEN—Fairhaven Iron Foundry
 Co. (Light & Heavy)
 FALL RIVER—Fall River Foundry &
 Machine Co.
 Mechanics' Foundry & Machine Co.
 FITCHBURG—Goodnow L. H. Foundry
 Co.
 Perault Moses J.
 GARDNER—Gardner General Foundry Co.
 GLOUCESTER—Reed Geo. A. & Son
 HOLYOKE—McHugh Fdry. Co., 90 Sar-
 gent
 LAWRENCE—Emerson Mfg. Co.
 Hamblet Geo. W.
 Hart Foundry Co.
 LOWELL—Doherty Bros.
 SPRINGFIELD—Baush Machine Tool Co.
 Davitt Iron Foundry
 Metals Production Equipment Co.
 Springfield Foundry Co.
 Springfield Iron Works
 Wason Mfg. Co.
 WALTHAM—Waltham Foundry Co.
 WEBSTER—Prescott J. B. & Son
 WOBURN—Woburn Iron Foundry, Inc.
 WORCESTER—Arcade Malleable Iron Co.
 Bradley Osgood Car Co.
 Pond L. W. Machine & Foundry Co.
 Washburn Shops

MICHIGAN.

ADRIAN—Adrian Steel Casting Co.
 BAY CITY—**MacKINNON BOILER & MA-
 CHINE CO.**, (Up to 30,000 lbs.),
 218 N Water
See adv index at end of book
 DETROIT—Acme Fdry. Co. (½ to 8,000
 lbs), Isabel & M. C. R. R.
 Buhl Malleable Co.
 Central Specialty Co., 1653 St Aubin
 av
 Detlaff A. J. Co.
 Detroit Shipbuilding Co.
 Detroit Stoker Co. (Light & Heavy),
 North Grand blvd & Riopelle
 Enterprise Foundry Co., 1257 Warren
 av E
 Kahl Iron Foundry (Machinery), 537
 Atwater E
 Michigan Grey Iron Castings Co., Har-
 baugh & Co.
 Monarch Foundry Co., Greenwood &
 G T
 Peninsular Stove Co.
 Russel Wheel & Foundry Co.
 Stuart Foundry Co.
 ECORSE—Ecorse Foundry & Machine Co.
 FERRYSBURG—Johnston Bros.
 GRAND HAVEN—Dake Engine Co. (Any
 Size up to 10 Tons)
 GRAND RAPIDS—Hartman H. J. Fdry.
 Co.
 Leitelt Adolph Iron Works
 JACKSON—Lusk Bros. Foundry Co.
 KALAMAZOO—Clarage Fan Co., North
 & Porter
 Kalamazoo Fdry. & Machine Co.
 Kalamazoo Tank & Silo Co.
 Riverside Foundry & Galvanizing Co.
 (Galvanized)
 LANSING—Bement Stove Repair Co.
 Michigan Brass & Iron Works
 Novo Engine Co.
 MARQUETTE—Lake Shore Engine Works
 PONTIAC—Wilson Fdry. & Machine Co.
 SAGINAW—Bartlett A. F. & Co.
 Jackson & Church Co.
 ST. JOSEPH—St. Joseph Iron Works
 TECUMSEH—Heesen Bros. Co.
 WYANDOTTE—Detroit Valve & Fittings
 Co.
 YPSILANTI—Michigan Press Co.

MINNESOTA.

DULUTH—**CLYDE IRON WORKS.**
See adv index at end of book
 Gogebic Steam Boiler Works
 Imperial Iron Works (Up to 17 tons)
 National Iron Co.
 MINNEAPOLIS—Crown Iron Works Co.,
 1229 Tyler
 Diamond Iron Works, 2d & 18th av N
 Minneapolis Steel & Machinery Co.
 (Heavy), 29th & Drexel
 Standard Foundry & Machine Shop,
 1336 3d av, N E
 ST. CLOUD—St. Cloud Iron Works Co.
 ST. PAUL—**ST. PAUL FOUNDRY CO.**
 Como av & Mackubin
See adv index at end of book
 Valley Iron Works, W St. Paul Levee
 ST. PETER—Bornemann Adolph
 STILLWATER—Jesse August
 VIRGINIA—Virginia Foundry & Machine
 Co.
 MISSISSIPPI.
 LAUREL—Laurel Machine & Foundry Co.
 MISSOURI.
 CLINTON—Industrial Iron Works
 KANSAS CITY—American Gas Engine Co.
 (Up to 5 Tons), 11th & Winches-
 ter av
 American Scale Co. (Small)
 Enterprise Foundry Co. (Up to 1 Ton)
 Prest Heating & Foundry Co. (Soft,
 5,000 lbs), S W cor 17th & Oak-
 land
 Pugh Foundry Co. (Hard), 19 W Le-
 vee
 Security Stove & Mfg. Co. (Small),
 17th & Oakland av
 ST. JOSEPH—Berry Iron & Steel Co.
 (Railroad, etc)
 ST. LOUIS—American Car & Foundry Co.,
 Syndicate Trust bldg
 American Fdry. & Mfg. Co. (Small),
 11th & Herbert
 Banner Iron Works (Up to 10,000
 lbs), Shaw av & Oak Hill Ry
 Green's Car Wheel Mfg. Co., 3018 N
 B'way
 Kilpatrick A. & Sons Foundry Co. (Up
 to 3,000 lbs), Carrie & Bulwer av
 Liberty Foundry Co. (Up to 1,000 lbs),
 7601 Reilly av
 St. Louis Axle Co. (Up to 3,000 lbs),
 La Salle W of Jefferson
 St. Louis Car Co. (Railway, etc), 8000
 N B'way
 St. Louis Iron & Machine Works (Up
 to 20 Tons), 126 Chouteau av
 St. Louis Malleable Casting Co., 7701
 N Conduit av

South St. Louis Foundry Co. (Up to
 12,000 lbs), 7514 S B'way
 Southern Wheel Co. (Up to 20,000 lbs),
 Railway Exch bldg
 Spuck Iron & Fdry. Co. (Up to 7,000
 lbs), 14th & Branch
 Western Foundry & Sash Weight Co.,
 2d & Miller
 Whitman Agricultural Co (Up to 7,000
 lbs), 7000 S B'way
 SPRINGFIELD—New Phoenix Foundry &
 Machine Co. (Up to 1 Ton)
 United Iron Works Co. (From ¼ to
 15,000 lbs)
 WEBB CITY—Central Foundry Co.
 Webb City & Carterville Foundry &
 Machine Works

MONTANA.

BUTTE—Montana Iron Works
 Western Iron Works

NEBRASKA.

BEATRICE—Beatrice Iron Works
 YORK—York Foundry & Engineering
 Works

NEW HAMPSHIRE.

KEENE—Humphrey Machine Co.
 LACONIA—Laconia Car Co. Works (of
 Boston, Mass.)
 LANCASTER—Thompson Mfg. Co.
 NASHUA—Highton Wm. & Sons Co.
 White Mountain Freezer Co. (Light &
 Heavy to Order)

NEW JERSEY.

BURLINGTON—U. S. Cast Iron Pipe &
 Fdry. Co. (Heavy)
 CARTERET—**WHEELER CONDENSER &
 ENGINEERING CO.**
See adv index at end of book
 DUNELLEN—Hall Printing Press Co.
 EAST NEWARK—Hewitt Jno.
 EAST ORANGE—Smith A. P. Mfg. Co.
 ELIZABETH—Moore Bros. Co. (High
 Grade)
 Moore Sam'l L. & Sons (Large &
 Small)
 ELIZABETHPORT—Brown A. & F. Co.
 GRENLOCH—Bateman Mfg. Co. (Light,
 in Quantities)
 HOBOKEN—Elevator Supplies Co.
 Focht Geo. Sons
 IRVINGTON—Bierman-Everett Foundry
 Co.
 JERSEY CITY—Fagan Iron Works, 14th
SNEAD & CO. IRON WORKS, INC.,
 98 Pine
See adv index at end of book

The Snead & Co. Iron Works, Inc.

Main Office and Works JERSEY CITY, N. J.

98 Pine Street

Branches in Foreign Countries

FOUNDED 1849

Makers of Grey Iron Castings for Various Purposes

The special molding equipment developed and perfected in our shops has so increased the capacity of our foundry, raised the quality of product, and decreased cost of production, that we are in a position to carry on extensive jobbing contracts for superior quality castings, at costs which prove attractive.

OTHER PRODUCTS:

Macdonald Roller Ramming and
 Pattern Drawing Molding Machines
 Special Machinery and Machining

Metal and Glass Museum Cases
 Library Bookstacks
 Steel Storage Shelving and Racks

See also our advertisements under the headings "Library Shelving & Fittings."
 "Exhibition Cases, Moulding Machines, Foundry."

LAMBERTVILLE—Lambertville Iron & Steel Co.
MAHWAH—American Brake Shoe & Fdry. Co. (For Railroad Use)
NEWARK—Hay Foundry & Iron Works, Plum Point la
 Hewes & Phillips Iron Works (Heavy), 8 Orange
 Pfaff & Kendall Foundry
 Sacks Louis (Star Heel Plate Only), Hamburg pl
 Traud Alexander Co., 5 Main
 Universal Caster & Foundry Co., 574 Ferry
NEW BRUNSWICK—Empire Foundry Co. (Any Size Up to 1 Ton)
 New Brunswick Iron Works
PATERSON—Eastwood Benj. Co. (All Sizes, ¼ lb to 30,000 lbs)
 Paterson Foundry Co.
POTTERSVILLE—Excel. Mfg. Co.
ROCKAWAY—Hoagland's M. Sons Co.
TRENTON—**CROSSLEY MACHINE CO.**, State & Chestnut av
See adv index at end of book
 McFarland Foundry & Machine Co.
THROPP'S JOHN E. SONS CO. (All Sizes), ft of Lewis
See adv index at end of book
 Trenton Malleable Iron Co.

NEW YORK.

ALBANY—Albany Foundry Co.
 Hartnett John J.
 Thacher Geo. H. & Co.
 Townsend Foundry & Machine Shop Co., Broadway & Rensselaer
See adv index at end of book
BALLSTON SPA—Davidson Namack Fdry Co.
BUFFALO—American Brake Shoe & Fdry Co.
 Buffalo Co-operative Stove Co.
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons, Semi Steel & Air Furnace), 65 Winchester av
See adv index at end of book
 Farrar & Trefts (Up to 16,000 lbs)
 Frontier Iron Works (Light & Heavy Machinery Castings, etc), 36 Letchworth
 Ginther's J. Sons Co.
 Howard Iron Works
 Jewett & Co. (Up to 2000 lbs), Military rd & Tona.
 Lake Erie Engineering Works (Up to 50 Tons)
 Lawler Iron Works, 64 Gull
 North Buffalo Hardware Foundry Co. (Small), 743 Hertel av
 Pohlmann John W. Foundry Co., 205 Baltz av
 Standard Foundry Co.
 Taylor W. P. Co. (Car & Locomotive Journal, Boxes a Specialty).
 Trout H. G. Co., 218 Ellicott sq
CAMBRIDGE—Cambridge Steel Plow Co.
COHOES—Cohoes Iron Foundry & Machine Co.
COXSACKIE—Newbury J. G. Iron Works
ELMIRA—Elmira Foundry Co. (Light & Heavy)
GOSHEN—Newbury Jay H.
GOWANDA—Gowanda Agricultural Works
GREEN ISLAND—Sweet & Doyle Foundry & Machine Co. (Up to 30,000 lbs)
HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co.
HORSEHEADS—Weller Hardware & Fdry Co.
HUDSON FALLS—Sandy Hill Iron & Brass Works
KINGSTON—Millard Jas. & Son
LOCKPORT—McKim Foundry & Machine Co.
MALONE—Hinds Thomas Co.
MANLIUS—Cheney S. & Son (Small)
MECHANICSVILLE—Lynd L. E. Mfg. Co.
MIDDLETOWN—Coleman Galen
MONROE—Newbury Mfg. Co. (For Steam Fittings, etc)
MUNNSVILLE—Munnsville Plow Co.
NEWBURGH—Abendroth & Root Mfg. Co.
 Alberger Pump & Condenser Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—**BLISS E. W. CO.**, 19 Adams
See adv index at end of book
 Burr & Houston Co., (Light) 84 Calyer

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut
 Craig Foundry Co. (Specialty Cylinder Castings), 42 Sanford
 Meyer Otto C. & Co., 30 Franklin av
 Taylor & Co., Morgan & Norman avs

Boroughs of Manhattan and Bronx.

NEW YORK—Abendroth & Root Mfg. Co., 45 B'way
 Alberger Pump & Condenser Co., 140 Cedar
 American Brake Shoe & Foundry Co. (Up to Any Weight), 30 Church
 American Car & Foundry Co., 165 Broadway
 Bethlehem Steel Co., 111 B'way
 Brown A. & F. Co., 79 Barclay
 Buckeye Engine Co. (of Salem, O.), 39 Cortlandt
 Central Foundry Co., 90 West
 Crane Wm M. Co., 16 W 32d
 Foran Foundry & Mfg. Co., 95 Liberty, New York
 Gerdes & Co., 42 Church
See adv index at end of book
 Griscom-Russell Co., 92 West
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book
 Long E. G. Co., 50 Church; Works: Kingston, N. Y.
 Mietz August, 138 Mott
 Morris Elmer P. Iron Works, 136 Liberty
 Motor Car Spring Co., 243 W 17th
ROBINS CONVEYING BELT CO., 13 Park row
See adv index at end of book
 Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Treadwell M. H. Co. (10 to 50,000 lbs), 140 Cedar

Borough of Queens.

LONG ISLAND CITY—McGee Jos. Iron & Brass Foundry Co., 51 6th
 Russell Foundry & Machine Works, Flushing av

(End of New York City)

NORWICH—Ireland Machine & Fdry Co.
OSWEGO—Hessler Foundry & Mfg. Co.
PEEKSKILL—Southard-Robertson Co.
POUGHKEEPSIE—Poughkeepsie Foundry & Machine Co.
ROCHESTER—Enterprise Foundry Co.
 General Railway Signal Co. (Light, High Grade)
 Hughes F. L. & Co.
SALAMANCA—Salamanca Engine-Iron Co.
SARATOGA SPRINGS—Shevlin Geo. F. Mfg. Co. (Up to 20 Tons)
SYRACUSE—Dunning W. D.
 Empire Foundry Co.
 Engelburg Huller Co.
 Smith & Caffrey
 Stearns E. C. & Co., 450 Oneida
 Straight Line Engine Co. (Loam or Green Sand to 20,000 lbs)
 Syracuse Chilled Die & Casting Co.
TONAWANDA—Gillie Machine Co.
TROY—Hislop James W. (Machinery)
 Neemes Bros. (Heavy)
 Reynolds Chalou Foundry Co.
 Reynolds G. W. H. Foundry Co.
 West Side Foundry Co. (Light & Heavy)
UTICA—Utica Steam Engine & Boiler Works (Semi-Steel)
WARSAW—Warsaw-Wilkinson Co.
WATERTOWN—Bagley & Sewell Co.
 Harmon Machine Co.
 Massey Machine Co.

NORTH CAROLINA.

GREENSBORO—Glascock Stove & Mfg. Co.
RALEIGH—Raleigh Iron Works Co.
SANFORD—Moffitt Iron Works Co.
WAKE FOREST—Wake Forest Foundry Co.
WINSTON-SALEM—Salem Iron Works

NORTH DAKOTA.

FARGO—Fargo Foundry Co.

OHIO.

AKRON—Adamson Machine Co.
 Akron Foundry Co.
ALLIANCE—Morgan Engineering Co
See adv index at end of book
ASHTABULA—Barber Mfg. Co.
BEREA—Dunham Co. (Up to 2,000 lbs)
BOWLING GREEN—Thornburgh Mfg. Co. (Light & Heavy)
 Universal Machine Co. (Up to 6,000 lbs)
BRYAN—Bryan Plow Co.
BUCYRUS—Carroll Foundry & Machine Co.
CANTON—Alliance Foundry Co. (Light & Heavy, up to 15 Tons)
 American Sheet & Tin Plate Co. (Up to 20 Tons)
 Canton Foundry & Machine Co. (Light & Heavy)
 Dick Jos. Mfg. Co.
CINCINNATI—Bardes E. H. Range & Foundry Co.
 Bollman-Wilson Foundry Co., 506 E Front
 Bruce John J. Foundry Co., 2419 Cole-rain av
 Buckeye Foundry Co., 2257 Buck
 Elmwood Castings Co., Murray rd
 Erhart Chris., 1237 W 6th
 Lane & Bodley Co., Tennessee av & Paddock rd
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly
See adv index at end of book
 Morris John B. Foundry Co., Court & Harriet
 Mowry Car Wheel Works Co. (For Machinery, etc)
 Oberhelman J. A. Foundry Co.
 Queen City Foundry Co. (All Kinds of Castings), Spring Grove av & Alabama
 Schreiber L. & Sons Co., 3869 Ivanhoe
CLEVELAND—Acme Foundry Co. (Fine, Light & Medium), 5217 Sweeney av S E
 Allyne-Ryan Foundry Co., Aetna rd & E 91st
 American Range & Foundry Co. (Light), 7000 Union av
 Auto Castings Co., Scranton rd
 Bowler Foundry Co., 1688 Columbus
 Buckeye Engine Co. (of Salem, O.), New England bldg
 City Foundry Co. (Light & Heavy Up to 50 Tons), 4629 Hamilton av N E
 Cleveland Galvanizing Works Co., 3924 Cooper av
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E
 Fanner Mfg. Co. (Small), Pearl rd
 Ferro Machine & Foundry Co., E 66th & Hubbard av
 Forest City Foundry & Mfg. Co. (Small), 2202 Elm av
 Fulton Foundry Co. (All Kinds), 1200 Marquette N E
 Grabler Mfg. Co. (1 ounce to 100 lbs), 6565 Broadway
 Hill Clutch Co., 1000 W 58th
 Interstate Foundry Co., E 61st & Erie R R
 Johnston & Jennings Co., Addison rd & N. Y. C. R. R.
See adv index at end of book
 Kilby Mfg. Co.
 Madison Foundry Co. (Light & Heavy), 935 Addison rd N E
 Ohio Foundry Co. (Light & Heavy)
 Palmer & De Mooy Foundry Co. (Light Soft Grey Iron a Specialty), 1658 Leonard N W
 Standard Foundry & Mfg. Co. (Light Castings & Hardware Specialties).
 Superior Foundry Co.
 Taylor & Eoggis Foundry Co. (Light)
TYLER W. S. & CO. (Light)
See adv index at end of book
 Variety Iron & Steel Works Co. (Heavy), Hamilton av & E 40th
 Walworth Run Foundry Co. (High Grade), 2488 W 27th
 Wellman Bronze Co. (Medium & Heavy), 6017 Superior av
COLUMBUS—McDonald Foundry
COSHOCOTON—Keagy & Lear Machine Co.
CRESTLINE—Schill Bros. Co.
DAYTON—Buckeye Iron & Brass Works
 Seybold Foundry Co.
Standard Foundry Co.
ELMORE—Multiplex Concrete Machinery Co. (Light & Medium)

ELYRIA—Duplex Mfg. & Fdry. Co.
Elyria Foundry Co. (Up to 10,000 lbs)
Garford Engineering Co.
GENEVA—Champion Hardware Co. (Small Light)
HAMILTON—Central Foundry Co. (Machine Molded Pulley Castings, etc)
Hamilton Foundry & Machine Co.
HOOVEN, OWENS, RENTSCHLER CO. (Heavy & Machinery)
See adv index at end of book
Miami Foundry Co. (Light & Medium)
Peerless Foundry (Light)
IRONTON—Ironton Punch & Shear Co. (Up to 40,000 lbs, Pneumatic Process)
KENTON—Champion Iron Co.
LEXINGTON—Cureton Wm. & Sons (Up to 15,000 lbs), Richland Co.
LIMA—East Iron & Machine Co. (Up to 10,000 lbs), 351 E Market
LORAIN—Lorain Casting Co. (Up to 40,000 lbs.)
MARIETTA—Pattin Bros. Co.
MASSILLON—Griscom-Russell Co.
See adv index at end of book
Hess-Snyder Co.
Massillon Foundry & Machine Co.
Massillon Iron & Steel Co.
MEDINA—Medina Foundry Co.
MINERVA—Minerva Hardware Mfg. Co. (Light)
MOUNT VERNON—Cooper, C. & G. Co. (Heavy) (Up to 100,000 lbs.)
NEWARK—Wehrle Co.
NEW LEXINGTON—Star Mfg. Co.
NEW PHILADELPHIA—Spicer Mfg. Co. (Light & Heavy)
NORWALK—Norwalk Foundry Co.
PIQUA—French Oil Mill Machinery Co. (Up to 20,000 lbs.)
PORTSMOUTH—Portsmouth Engine Co. (Machine, etc Up to 10,000 lbs.)
WHITAKER—Glessner Co. (For Own Use)
RIPLEY—Ripley Foundry & Machine Co.
SANDUSKY—Brown Clutch Co. G. & C. Foundry Co.
SEVILLE—Overholt, I. M.
SIDNEY—Peerless Bread Machine Co. (Small)
SPRINGFIELD—Fairbanks Co. Gray Iron Casting Co. Hennessey Foundry Co.
TIFFIN—Sterling Grinding Wheel Co.
TOLEDO—Donovan Wire & Iron Co., Chicago & W. & L. E. Ry Duncan Co. Ensign Foundry Co. Etna Machine Co. McNaull-Boiler Mfg. Co. Milmine H. B. & Co. Toledo Foundry & Machine Co. Toledo Shipbuilding Co.
WARREN—Trumbull Mfg. Co. (Up to 1,500 lbs.)
WAUSEON—Superior Iron & Mfg. Co. (See Toledo)
WELLSVILLE—Menough Foundry Co. (Light & Heavy)
WESTERVILLE—Hance J. W. Foundry Co.
WILLOUGHBY—American Clay Machinery Co. (Medium & Heavy)
YOUNGSTOWN—Mahoning Foundry Co. (Small)
Tod Wm. Co.
Youngstown Foundry & Machine Co. (Rolling Mill & Blast Furnace, etc)
ZANESVILLE—Dockray H. V. Brass & Iron Co. Griffith & Wedge Co.

OREGON.

PORTLAND—Hesse-Martin Iron Works
Independent Foundry Co.

PENNSYLVANIA.

ALLENTOWN—Daugherty Foundry Co. (Light)
Kline Hardware Co.
Mosser W. F. & Son
AVONMORE—National Roll & Foundry Co. (Heavy)
BEAVER FALLS—Knott & Harker Co. Murphy Foundry Co. (Up to 2 Tons)
BELLEFONTE—Bellefonte Engineering Co.
BIRDSBORO—Birdsboro Steel Foundry & Machine Co. (Grey, Sand & Loam)
BLOOMSBURG—Richard Mfg. Co.

BOYERTOWN—Union Mfg. Co.
BRADFORD—Blaisdell Machinery Co. (1 lb. to 3,000 lbs.)
Caldwell E. R. & Co.
BRISTOL—Harkins T. B. Foundry Co. Standard Cast Iron Pipe & Foundry Co. (Up to 25 Tons)
BURNHAM—Standard Steel Works Co. (See Phila.)
BUTLER—Butler Engine & Foundry Co.
CATASAUQUA—Davies & Thomas Co. (1 lb. to 5 Tons, Rough & Machined)
CHAMBERSBURG—Chambersburg Engineering Co. (Up to 100 Tons)
COATESVILLE—Coatesville Foundry & Machine Co. (Light & Heavy)
COLUMBIA—Colonial Foundry & Machine Co.
CONNELLSVILLE—Connellsville Machine & Car Supply Co.
CORY—Love Mfg. Co.
DANVILLE—Danville Foundry & Machine Co. (Up to 40,000 lbs.)
DUBOIS—Dubois Iron Works Osborn Machine Co.
EAST BANGOR—East Bangor Mfg. Co.
EASTON—Knebler Foundries Treadwell Engineering Co.
See adv index at end of book
Wharton Wm., Jr. & Co.
ELIZABETHTOWN—Buch's A. Sons Co.
ELWOOD CITY—Standard Engineering Co. (Up to 25 Tons)
EPHRATA—Ephrata Fdry & Machine Works (Up to 1,000 lbs.)
ERIE—Ball Engine Co. (Up to 20 Tons)
Cascade Foundry Co.
Erie Foundry Co.
Nagle Corliss Engine Works (Heavy)
Odin Stove Mfg. Co.
Urick Foundry Co.
Walker Foundry Co.
FULLERTON—Lehigh Foundry Co. (Up to 50 Tons, Rough or Machined)
GIRARD—Lake Erie Foundry Co.
GREENSBURG—Hempfield Foundry
GROVE CITY—Bessemer Foundry Co.
HARRISBURG—Harrisburg Foundry & Machine Works
Hickok W. O. Mfg. Co.
HOLLIDAYSBURG—McLanahan - Stone Machine Co.
HYDE PARK—Hyde Park Foundry & Machine Co.
IRWIN—Irwin Foundry & Mine Car Co.
JOHNSTOWN—Globe Iron Foundry Co. Suppes Forge & Foundry Co.
LANCASTER—Hubley Mfg. Co. (Light Finished in Any Manner)
Lancaster Machine & Structural Wks.
LANSDALE—Heebner & Sons Krupp Fdry. Co.
LEBANON—Buchanan Foundry Co. Hunsicker Engineering Co. Iron City Foundry Co. North Lebanon Foundry Co. (Up to 5 Tons)
McKEES ROCKS—Taylor-Wilson Mfg. Co. MARS—Vette Foundry & Machine Co. (For Machinery, Gas Engine, etc)
MEADVILLE—Phoenix Iron Works Co. (Up to 10,000 lbs.)
MIDLAND—Pittsburgh Iron & Steel Foundries Co. (Small Machine Moulded)
MONONGAHELA—Coshocton Iron Co.
MOUNT CARMEL—Mount Carmel Iron Works
MOUNT JOY—Grey Iron Casting Co. (Light & Heavy)
NAZARETH—Nazareth Foundry & Machine Co. (1 to 3 tons, Rough & Machined)
NEW CASTLE—Federal Radiator Co.
NORTH WALES—North Wales Fdry. Co. North Wales Machine Co.
OIL CITY—National Transit Pump & Machine Co.
See adv index at end of book
OLYPHANT—Olyphant Foundry Co.
PHILADELPHIA—Adams Wm. Fdry. Co., 960 N 9th
Aetna Foundry Co., 22d & Allegheny
American Engineering Co., Aramingo
Barker Jas., 6th & Cayuga
Bernstein Mfg. Co., 3d & Westmoreland
Clark J. Alfred, 35th & Gray's Ferry
Cox & Sons Co., 5th & Chestnut
Creswell Samuel J. Iron Works, 23d, cor Cherry
Diller, Caskey & Keen (Light), 6th & Berks

Fairmount Foundry Co., Duncannon & Clinton
Flag Stanley G. & Co., Morris bldg.
Girard Iron Works, 22d & Master
KUTZTOWN FOUNDRY & MACHINE CO. (5 to 20,000 lbs.), 1421 Chestnut
See adv index at end of book
Link-Belt Co., Hunting Park av & P. & R. Ry.
See adv index at end of book
Morris I. P. Co. (Up to 50 Tons), Beach & Ball
North Bros. Mfg. Co., Lehigh av & American
Philadelphia Hardware & Malleable Iron Works (Soft), 9th & Jefferson
Philadelphia Roll & Machine Co., 23d & Wash'n av
Philadelphia Stove & Iron Foundry Co., 1621 N 5th
Schaum & Uhlinger, 2d & Glenwood av
Schneider Bowman Co., Vandike & Frankford
Sheppard Isaac A. Co., Erie av & Sepviva
Standard Cast Iron Pipe & Foundry Co.
Standard Steel Works Co., Morris bldg. Works: Burnham, Pa.
Wood R. D. & Co., 400 Chestnut
PHOENIXVILLE—Madco Foundry & Machine Co.
PITTSBURGH—American Bridge Co., Ambridge
Baltimore Car & Foundry Co.
Cyclops Foundry Co. (Up to 15 Tons), Union Bk bldg
Fawcus Machine Co. (Light & Heavy), 1st Nat'l Bk. bldg
Garrison A. Foundry Co., 901 Bing-ham
Kennedy-Stroh Corp'n
Mackintosh Hemphill & Co. (Heavy Rolling Mill, etc, Up to 240,000 lbs)
Marshall Foundry Co.
Mesta Machine Co. (Heavy Rolling Mill, etc)
See adv index at end of book
Penna Casting & Machine Co., 501 Preble
Pittsburgh Lamp, Brass & Glass Co. (1 oz to 50 lbs.), 130 7th
Pittsburgh Piping & Equipment Co., 35th & Charlotte
Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry
Pressed Steel Car Co. (Car, Locomotive & Machinery), 307 5th av, Pittsburgh, Pa.
Reliance Steel Casting Co., 28th & Smallman
Rosedale Foundry & Machine Co., Washington & Preble
Sterritt-Thomas Foundry Co., 32d & Smallman
United Engineering & Fdry. Co., 307 5th
PITTSTON—Exeter Machine Works (Heavy)
POTTSVILLE—Pottsville Foundry & Stove Co.
POTTSTOWN—Colebrookdale Iron Co. (Japanned & Tinned)
Keystone Foundry Co.
PUNXSUTAWNEY—Punxsutawney Foundry & Machine Co.
READING—Gray Iron Foundry Co. (Small & Medium Soft)
Textile Machine Works (High Grade)
ROCHESTER—Olive Stove Works
SCRANTON—American Safety Lamp & Mine Supply Co. (Small)
Barker S. G. & Son
Finch Mfg. Co.
McClave-Brooks Co., Poplar
Scranton Pump Co.
SLATINGTON—Slatington Foundry, Machine & Boiler Works (Ltd.)
SOUTH BETHLEHEM—Bethlehem Foundry & Machine Co. (One lb to 10 Tons)
Bethlehem Steel Co.
STROUDSBURG—Marsh E. B. Bro. & Co.
TATAMY—Messinger Mfg. Co.
TYRONE—Burley Heater Co.
WEATHERLY—Weatherly Foundry & Machine Co. (Railroad, etc)
WILKES-BARRE—Vulcan Iron Works
Wilkes-Barre Iron Mfg. Co.

WILLIAMSPORT—National Foundry Mfg. & Supply Co.
Rundlo Nelson L.
Valley Iron Works (Loom, Dry & Green Sand & Machine Molded)
WRIGHTSVILLE—Susquehanna Casting Co. (Light)
Wrightsville Hardware Co. (Small)
YORK—Eyster, Weiser Co.

RHODE ISLAND.

HILLS' GROVE—Rhode Island Malleable Iron Works
PAWTUCKET—White J. S. Co. (Machinery)
PROVIDENCE—Brown & Sharpe Mfg. Co. (Motor Cylinder, etc)
Builders' Iron Foundry ("Globe Specials," Heavy, for Water Works, Pipe Fittings, etc), 9 Coddling
Colvin Foundry Co. (All Kinds), 185 Globe
Franklin Machine Co. (1 oz to 5 ton), 189 Charles
Fuller Iron Works (Machinery, etc), 40 Tockwotton
RIVER POINT—Brayton L. Foundry Co.

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works
Riley John F.
Valk & Murdock Co. (Up to 6,000 lbs)

TENNESSEE.

CHATTANOOGA—Acheson Foundry & Machine Wks.
American Brake Shoe & Fdry Co.
Chattanooga Car & Foundry Co.
Columbian Iron Works (Municipal)
Eureka Foundry Co. (Up to 15,000 lbs)
Gustafson Mfg. Co. (Up to 10,000 lbs)
Jones Machine & Foundry Co.
Lookout Boiler Mfg. Co. (Up to 4,000 lbs)
Price-Evans Foundry Co.
Ross-Meehan Foundry Co. (Up to 50,000 lbs Railroad)
Southern Skein & Foundry Co.
CLARKSVILLE—Clarksville Foundry & Machine Works
JACKSON—Southern Engine & Boiler Works (Up to 20,000 lbs)
KNOXVILLE—Fair Foundry Co. (Up to 4,000 lbs)
Knoxville Foundry & Machine Co.
Southern Pipe & Foundry Co. (Small)
LEWISBURG—Lewisburg Foundry Co.
MEMPHIS—Chickasaw Machine & Foundry Co.
NASHVILLE—Cumberland Foundry & Mfg. Co. (Up to 10,000 lbs)
Southern Foundry Co. (Small)

TEXAS.

DALLAS—Mosher Mfg. Co.
EL PASO—El Paso Foundry & Machine Co.
HOUSTON—Dickson Car Wheel Co.
Houston Car Wheel & Machine Co. (Light & Heavy)

VERMONT.

BELLOWS FALLS—Buckingham Foundry & Screen Pate Co.
BRANDON—Backus Corp.
FAIR HAVEN—Fair Haven Foundry & Machine Co.

VIRGINIA.

CLIFTON FORGE—Clifton Forge Machine & Foundry Co.
COVINGTON—Covington Machine Co.
DANVILLE—Westbrook Elevator Co.
HAMPTON—Hampton Mfg. Co.
LYNCHBURG—Glamorgan Pipe & Foundry Co.
Lynchburg Foundry Co. (Medium & Heavy)
NORFOLK—Eagle Iron Works (Up to 6,000 lbs)
PETERSBURG—Appomattox Iron Works & Supply Co.
RICHMOND—Cameron Stove Co.
Carr Jas. W.
Richmond Foundry & Mfg. Co. (Plumbing Specialties)
Richmond Structural Steel Co. (Up to 30,000 lbs)
Strickland Machine Co., 2330 E Main

ROANOKE—Roanoke Iron Works (Up to 10,000 lbs)
SALEM—Camden Iron Works
WYTHEVILLE—Wytheville Iron Works ("Wi Wi")

WASHINGTON.

EVERETT—Nordeen H. G.
SEATTLE—Olympic Foundry Co. (Light & Heavy)
Seattle-Astoria Iron Works
Variety Iron Works (Light & Heavy)
SPOKANE—National Iron Works
Northwest Harvester Co.
Union Iron Works

WEST VIRGINIA.

FAIRMONT—Fairmont Mining Machinery Co. (Soft Castings)
MORGANTOWN—Chrisman-Goodwin Fdry Co.
PARKERSBURG—Valley Machine Co.
WHEELING—Centre Foundry & Machine Co.
Wheeling Mold & Foundry Co.
Whitaker-Glessner Co. (For Own Use)

WISCONSIN.

ALGOMA—Woodsedalak Jos.
APPLETON—Valley Iron Works Co.
CEDAR GROVE—Wisconsin Foundry & Steel Works
CUDAHY—Worthington Pump & Machinery Co.
GRAFTON—Grafton Foundry Co. (Light & Heavy)
GREEN BAY—Rothe Jos. F. Foundry Co.
LA CROSSE—Smith Mfg. Co.
MANITOWOC—Manitowoc Fdry. & Machine Co.
MILWAUKEE—Chain Belt Co.
Colnik C. Mfg. Co., 750 Greenbush
Martin A. E. Foundry & Machine Co. (½ lb to 5 Tons), 705 Park
Milwaukee Malleable & Grey Iron Works, Layton Park
Nordberg Mfg. Co. (Heavy), Chicago
Oklahoma av
Schwab R. J. & Sons Co., 283 Clinton
VILTER MFG. CO., 1046 Clinton
See adv index at end of book
NEENAH—Aylward Sons Co.
OSHKOSH—Challoner Co.
RACINE—American Skein & Foundry Co.
Belle City Mfg. Co.
Holbrook Armstrong Iron Co. (Light & Heavy)
Racine Brass & Iron Co.
SHEBOYGAN—Jenkins Machine Co. (Light & Heavy)
SOUTH MILWAUKEE—Stowell Co. The
SUPERIOR—Duplex Mfg. Co.
TOMAHAWK—Tomahawk Steel & Iron Works
WAUKESHA—Spring City Foundry Co.
WEST ALLIS—West Allis Iron Works
WEST BEND—Gehi Bros. Mfg. Co. (Up to 2000 lbs.)

2170—Castings (Gun Metal).

Ajax Metal Co., 46 Richmond, Phila., Pa.
Arcade Malleable Iron Co. (Gun Iron). Worcester, Mass.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
Belcher Malleable Iron Co., Easton, Mass.
BUFFALO FOUNDRY & MACHINE CO. ("Buffokast" Gun Iron), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Builders' Iron Foundry (Iron), 9 Coddling, Providence, R. I.
Crown Smelting Co., Chester, Pa.
Damascus Bronze Co. ("Damscus"), N S, Pittsburgh, Pa.
See adv index at end of book
Eureka Co., North East, Pa.
Fewlass-Leen Brass & Iron Co., 610 E Front, Cincinnati, O.
Germann Bronze Co., Erie, Pa.
Grote F. Mfg. Co., Evansville, Ind.
Hunt-Spiller Mfg. Corp. ("Hunt-Spiller" Gun Iron), 395 Broadway, Boston, Mass.
Light Mfg. & Foundry Co., Pottstown, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

Moran Flexible Steam Joint Co., Louisville, Ky.
More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
Rider-Bagg Co., Springfield, Mass.
Taylor-Wilson Mfg. Co. (Gun Iron), McKees Rocks, Pa.
Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
Walworth Mfg. Co., 142 High, Boston, Mass.
Williams E. A. Son, 109 Plymouth, Jersey City, N. J.

Castings (Hatfield Steel)

See firms in Castings, Steel, with the word Hatfield following their names

2170a—*Castings (Iron)

Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

2170b—*Castings (Iron Special)

Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

2170c—*Castings (Lathe)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2171—Castings (Lead)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Tool & Machine Co., 10 High, Boston, Mass.
Atlas Brass Works, 431 Folsom, San Francisco, Cal.
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
Farrell Edward P., 1414 Philpot, Baltimore, Md.
Germann Bronze Co., Erie, Pa.
Liberty Brass Works, 305 W Lombard, Baltimore, Md.
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Neenah Brass Works, Neenah, Wis.
Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
United Lead Co., 111 B'way, New York
U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book
Wells Chemical Bronze Works, Worcester, Mass.

2171a—*Castings (Locomotive)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2172—*Castings (Lumen Bearing)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

2173—*Castings (Machinery)

See also Castings, Various Kinds
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
GRISCOM-RUSSELL CO., Massillon, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Morgan Engineering Co., Alliance, O.
See adv index at end of book
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

2174—Castings (Malleable Iron)**ALABAMA.**

BIRMINGHAM—Beggs Pipe & Fdry. Co.

CALIFORNIA.

REDDING—Northern California Engineering Works

CONNECTICUT.

BRANFORD—Hammer & Co. (Hardware Specialties, etc)

Malleable Iron Fittings Co. (Air Furnace Refined)

BRIDGEPORT—Bridgeport Malleable Iron Works

Crane Co.

MIDDLETOWN—Wilcox, Crittenden & Co. (Small, to Order)

MOUNT CARMEL—Woodruff Walter W. & Son Co. (Carriage & Miscellaneous)

NAUGATUCK—Eastern Malleable Iron Co. (All Kinds)

NEW BRITAIN—Malleable Iron Works North & Judd Mfg. Co. (Castings to Order)

Vulcan Iron Works, br of Eastern Malleable Iron Co. (All Kinds)

NEW HAVEN—Fitch W. & E. T. Co. North O. B. & Co.

TERRYVILLE—Terry Andrew Co. (Keys, Hinges & Small)

DELAWARE.

WILMINGTON—Malleable Iron Works of Eastern Malleable Iron Co.

ILLINOIS.

BRADLEY—Bradley David Machine Works

CANTON—Parlin & Orendorff Co.

CHICAGO—American Seating Co., 14 E Jackson blvd. Works: Grand Rapids, Mich.

Chicago Malleable Castings Co. (Refined Castings), 120th & Racine av
Crane Co. (Est. 1855) (Gas, Steam & Water Fittings), 836 S Michigan av

For branch offices see adv index at end of book

Illinois Malleable Iron Co. (Pipe, Fittings & General), 1801 Diversey blvd *See adv index at end of book*

National Malleable Castings Co. (Railroad, etc), 2610 W 25th pl. (See Cleveland, O.)

Pratt Wm. E. Mfg. Co., 35 W Lake

Stewart-Warner Speedometer Corp., 1826 Diversey Parkway

Western Steel Car & Fdry. Co. (Castings), Peoples Gas bldg

Wolff L. Mfg. Co., 601 W Lake

DANVILLE—Danville Malleable Iron Co.

DECATUR—Decatur Malleable Iron Co.

EAST MOLINE—Union Malleable Iron Co.

EAST ST. LOUIS—Missouri Malleable Iron Co. (Railroad, Stove, Range, etc)

FRANKLIN PARK—Franklin Park Fdry. Co.

GALESBURG—Galesburg Malleable Castings Co. (Light & Medium)

JOLIET—Pratt Wm. E. Mfg. Co.

MADISON—American Car & Foundry Co.

MELROSE PARK—National Malleable Castings Co. (See Cleveland, O.)

MOLINE—Cooper H. W. Saddlery Hdw. Mfg. Co.

ROCKFORD—Rockford Malleable Iron Works (Machinery & General)

ST. CHARLES—Faultless Iron Works

Moline Malleable Iron Co. (All Kinds)

INDIANA.

HAMMOND—Hammond Malleable Iron Co.

INDIANAPOLIS—Link-Belt Co. Belmont Foundry

See adv index at end of book

National Malleable Castings Co. (Railroad, etc). (See Cleveland, O.)

MARION—Marion Malleable Iron Works

MICHIGAN CITY—Haskell & Barker Car Co. (Car & R R Castings)

MUNCIE—Machsts. Foundry Co.

Whitely Malleable Castings Co. (Agricultural, Railroad, etc)

SOUTH BEND—South Bend Chilled Plow Co.

TERRE HAUTE—Terre Haute Malleable & Mfg. Co.

IOWA.

FAIRFIELD—Iowa Malleable Iron Co.

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co., So Charles & Wells

MASSACHUSETTS.

BOSTON—Laconia Car Co. (For Electrical Work), 60 Congress

EASTON—Belcher Malleable Iron Co. (Machinery, Agricultural, etc)

WORCESTER—Arcade Malleable Iron Co. (Castings of Every Description)

MICHIGAN.

ALBION—Albion Malleable Iron Co. (Agricultural, Carriages, etc)

BENTON HARBOR—Benton Harbor Malleable Foundry Co.

DETROIT—Buhl Malleable Co.

Detlaiff A. J. Co.

Michigan Malleable Iron Co. (Car, Agricultural, etc), Delray

GRAND RAPIDS—Grand Rapids Malleable Works

KALAMAZOO—Kalamazoo Malleable Iron Co.

MUSKEGON—Standard Malleable Iron Co.

WYANDOTTE—Detroit Valve & Fittings Co.

MINNESOTA.

ST. PAUL—Northern Malleable Iron Co. (Agricultural Implement & Railroad) Wells & Forest

MISSOURI.

ST. LOUIS—American Car & Foundry Co., Syndicate Trust bldg. Works.

St. Charles

St. Louis Car Co. (Car & R. R.), 8000 N B'way

St. Louis Malleable Casting Co., 7701 N Conduit av

NEW HAMPSHIRE.

LACONIA—Laconia Car Co. (For Electrical Work)

NASHUA—Highton Wm. & Sons Co.

NEW JERSEY.

BURLINGTON—Devlin Thos. Mfg. Co. (See Phila., Pa.)

IRVINGTON—Barnett Oscar Foundry Co. (Custom Work, Light & Medium)

Bierman-Everett Foundry Co.

NEWARK—Meeker Foundry Co. (All Kinds)

TRENTON—Trenton Malleable Iron Co. (All Kinds)

NEW YORK.

ALBANY—Albany Malleable Iron Co.

BATAVIA—Johnston Harvester Co.

BROOKLYN—(See New York City, Borough of Brooklyn)

BUFFALO—Acme Steel & Malleable Iron Works, 245 Military rd

Jewell Steel & Malleable Co.

Pratt & Letchworth Co. (Small & Large)

DEPEW—Gould Coupler Co.

HOOSICK FALLS—Wood Walter A., Mowing & Reaping Machine Co. (For Own Consumption)

LANCASTER—American Malleables Co.

NEW YORK CITY.**Borough of Brooklyn.**

BROOKLYN—Columbia Machine Works & Malleable Iron Co., Atlantic & Chtestnut

Boroughs of Manhattan and Bronx.

NEW YORK—American Car & Foundry Co., 165 Broadway

American Malleables Co., 30 Church. (Works: Bloomfield, N. J.)

Gould Coupler Co., 30 E 42nd

Johnson Isaac G. & Co. (All Kinds), Spuyten Duyvil

Toop Geo. H. Iron Works, 9 Canal pl

(End of New York City)

ORISKANY—Oriskany Malleable Iron Co. (Ltd.) (All Kinds, Light, Medium & Heavy)

PORT CHESTER—Abendroth Bros.

ROCHESTER—Symington T. H. Co.

SYRACUSE—Frazer & Jones Co. (Saddlery, Agricultural & General), 351 W Fayette

Globe Malleable Iron & Steel Co. (Specialty, Automobile Castings), 101 Greenway av

Syracuse Malleable Iron Works (Automobile, Railway, Agricultural, Air Furnace, etc)

TROY—Troy Malleable Iron Works of Eastern Malleable Iron Co. (Castings for All Purposes, Specialties R R & Electric Motor Truck Castings)

WESTMORELAND—Westmoreland Malleable Iron Co. (Ltd.) (Agricultural, Carriage, Saddlery & General)

OHIO.

BARBERTON—Pittsburgh Valve & Fittings Co.

CANTON—Canton Malleable Iron Co. (Saddlery & General Castings)

Elbel Co. (Saddlery Hardware & Castings)

CINCINNATI—Haven Malleable Castings Co. (Carriage Hardware & Custom), Knowlton & C H & D Ry

CLEVELAND—Chisholm Moore Mfg. Co. (Light & General, Smooth & Well Annealed Castings), 49th to 53d & Lake

Eberhard Mfg. Co. (Saddlery Only), Fanner Mfg. Co. (Small), Pearl rd

Grabler Mfg. Co. (Small), 6565 B'way

National Bronze & Aluminum Fdry Co., 2539 E 79th

National Malleable Castings Co. (R R, etc), 7706 Platt av S E

COLUMBUS—Columbus Malleable Iron Co.

JEFFREY MFG. CO., 961 N Fourth

See adv index at end of book

Ohio Malleable Iron Co. (All Kinds), 961 N Fourth

DAYTON—Dayton Malleable Iron Co. (For Railroad & Car Builders & Agricultural Implements, etc)

MARION—American Malleable Casting Co.

SPRINGFIELD—American Seeding Machine Co. (Agricultural Implements Only)

International Harvester Co. (Champion Works)

Springfield Malleable Iron Co. (Small & Railroad Castings)

TIFFIN—Webster Mfg. Co.

TOLEDO—National Malleable Castings Co. (Railroad, etc) (See Cleveland, O.)

United States Malleable Iron Co. (Automobile, Carriage, R R & Implement)

WARREN—General Malleable Co.

Trumbull Mfg. Co.

WAUSEON—Superior Iron & Mfg. Co. (See Toledo, O.)

YOUNGSTOWN—Youngstown Furnace Co.

ZANESVILLE—Zanesville Malleable Co.

PENNSYLVANIA.

BURNHAM—Standard Steel Works Co. (See Phila.)

CHAMBERSBURG—Quincy Engine Co.

EASTON—Kuebler Foundries

ERIE—Erie Malleable Iron Co. (All Kinds)

Jarecki Mfg. Co. (Fittings, etc)

GREENBURG—Kelly & Jones Co.

LANCASTER—Lancaster Foundry Co.

McKEES ROCKS—Fort Pitt Malleable Iron Co.

Pressed Steel Car Co. (See Pittsburgh, Pa.)

MEADVILLE—Meadville Malleable Iron Co. (Refined Air Furnace Iron)

OIL CITY—Oil Well Supply Co.

PHILADELPHIA—Devlin Thos. Mfg. Co. (Carriage, Saddlery, Agricultural, Pipe Fittings, etc), 3d & Lehigh av

Flagg Stanley G. & Co., Morris bldg. Works: Pottstown

Janney, Steinmetz & Co., 1421 Chestnut

Philadelphia Hardware & Malleable Iron Works (Light), 9th & Jefferson

Standard Steel Works Co., Morris bldg. Works: Burnham

Temple Malleable Iron & Steel Co., Harrison bldg. Works: Temple, Pa.

PITTSBURGH—Fort Pitt Malleable Iron Co., Thompson & Crawford
McConway & Torley Co. (R. R. Castings, etc.), 48th & A. V. R. R.
Oil Well Supply Co., 215 Water
Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
Pittsburgh Valve & Fittings Co., Frick bldg
Pressed Steel Car Co. (Car & Locomotive), 307 5th av
SHARON—National Malleable Castings Co. (Railroad, etc) (See Cleveland, O.)
STOWE—Flagg Stanley G. & Co. (See Phila., Pa.)
TEMPLE—Temple Malleable Iron & Steel Co. (Office: Phila., Pa.)

RHODE ISLAND.

HILLS GROVE—Rhode Island Malleable Iron Works (All Kinds)

TENNESSEE.

CHATTANOOGA—Ross-Meehan Foundry Co. (Railroad)

VIRGINIA.

BASIC—Penn Foundry & Mfg. Co.

WEST VIRGINIA.

POINT PLEASANT—West Virginia Malleable Iron Co.

WISCONSIN.

BEAVER DAM—Western Malleables Co.
MILWAUKEE—Chain Belt Co.

Milwaukee Hay Tool Co., Layton Park

Milwaukee Malleable & Grey Iron Works, Layton Park

Northwestern Malleable Iron Co. (Agricultural, Car, etc), 756 Park

South Side Malleable Casting Co., 14th av & Ry Tracks

Wisconsin Malleable Iron Works (Refined Air Furnace), South Bay

RACINE—Belle City Malleable Iron Co. (Railroad Castings, etc)

Lakeside Malleable Castings Co. (Agricultural, R. R., etc)

Racine Malleable & Wrought Iron Co. (Wrought Carriage & Saddlery Hardware & Casting, etc.)

SOUTH MILWAUKEE—Badger Malleable & Mfg. Co. (For All Purposes)

Stowell Co. The (Light Castings for All Purposes)

WAUKESHA—Waukesha Malleable Iron Co. (Farm Implements, Logging Tools, etc.)

WEST ALLIS—Federal Malleable Co. (Refined)

2175—Castings (Manganese Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.

AMERICAN MANGANESE BRONZE CO. ("Spare's", "Tensilite"), 3501 Rhawn, Phila., Pa.

Atkinson Co. (1,000 to 3,000 lbs.), Rochester, N. Y.

Blake Edwin J., Hartford, Conn.

City Brass Foundry Co., 5318 St. Clair av, Cleveland, O.

Clayton & Lambert Mfg. Co., 205 Piquette av, E., Detroit, Mich.

Columbian Brass Foundry, Freeport, N. Y.

Cramp William & Sons Ship & Engine Building Co. (Parsons), Beach & Ball, Phila., Pa.

Crown Smelting Co., Chester, Pa.

Davenport Locomotive Wks., Davenport, Ia.

Denver Brass Works Co., Denver, Col.

Erie Specialty Co., 520 W 12th, Erie, Pa.

Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.

Federal Brass Works, 3100 S Kedzie, Chicago, Ill.

Germann Bronze Co., Erie, Pa.

Gilbert A. & Sons Brass Fdry. Co., 4019 Forest Park blvd, St. Louis, Mo.

Highton Wm. & Sons Co. ("Parsons"), Nashua, N. H.

Ideal-Die Casting Co., 756 Eddy, Providence, R. I.

Imperial Brass Mfg Co., 524 S Racine av, Chicago, Ill

See adv index at end of book

Keystone Bronze Co. (Highgrade), Pittsburgh, Pa.

Kokomo Brass Works, Kokomo, Ind.

Light Mfg. & Foundry Co. ("Automobile"), Pottstown, Pa.

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.

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LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.

Marion Machine, Foundry & Supply Co., Marion, Ind.

Maryand Brass & Metal Works, Guilford & Federal, Baltimore, Md.

More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.

Morgan Engineering Co., Alliance, O.

See adv index at end of book

Morris I. P. Co., cor. Beach & Ball, Phila., Pa.

National Bronze & Aluminum Fdry. Co., 2539 E 79th, Cleveland, O.

New London Marine & Iron Works, New London, Conn.

North American Smelting Co., 9th & Thompson, Phila., Pa.

Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

Parsons G. W. Co., Newton, Ia.

Pioneer Brass Works, Indianapolis, Ind.

Powell Wm. Co., Cincinnati, O.

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

Rider-Bagg Co., Springfield, Mass.

Rock Island Metal Foundry ("Parson's"), 505 41st, Rock Island, Ill.

Ryder Brass Foundry Co., Bucyrus, O.

Sherwood Brass Works, 1167 Jeff E, Detroit, Mich.

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

2176—Castings (Manganese Steel)

American Manganese Steel Co. ("Amsco" & "Stag" Brand), 332 S Michigan av, Chicago, Ill.

American Steel Foundries, McCormick bldg, Chicago, Ill.

Bonney-Floyd Co., Columbus, O.

Brylgon Steel Casting Co. (High Manganese or other Special Grades), New Castle, Del.

Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.

Cincinnati Steel Castings Co., Queen City & Spring Grove avs, Cincinnati, O.

Columbia Steel Co., 503 Market, San Francisco, Cal.

Crucible Steel Casting Co., Landsdowne, Pa.

Frog Switch & Mfg. Co. ("Indian Brand"), Carlisle, Pa.

Hess Steel Corp'n, Penn R. R. & E av, Baltimore, Md.

Parsons G. W. Co., Newton, Ia.

Rogers C. E., 34 Beach, Boston, Mass.

Smith G. H. Steel Casting Co., 500 Clinton, Milwaukee, Wis.

St. Louis Steel Foundry, Hamburg & Klenlen av, St. Louis, Mo.

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

Union Spring & Mfg. Co. (Tropenas Converter), New Kensington, Pa.

Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.

2177—Castings (Marine)

Atlas Steel Casting Co. (Steel), Buffalo, N. Y.

Bayonne Casting Co., Bayonne, N. J.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

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Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.

Crown Smelting Co. (Brass), Chester, Pa.

Cureton Wm. & Sons, Lexington, Richmond Co., O.

Eastwood Wire Mfg. Co. (Iron, Brass, Bronze, etc.), Belleville, N. J.

Ferro Machine & Foundry Co., E 66th & Hubbard av, Cleveland, O.

Frontier Iron Works, 36 Letchworth, Buffalo, N. Y.

Germann Bronze Co., Erie, Pa.

Great Lakes Engineering Works, Detroit, Mich.

Ironton Punch & Shear Co. (River Only), Ironton, O.

Minneapolis Crucible Steel Co., 38th av N E & 5th, Minneapolis, Minn

Morgan Engineering Co., Alliance, O.

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Penn Seaboard Steel Corp., Franklin Bk. bldg

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

Strong Steel Foundry Co. (Steel), Buffalo, N. Y.

Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.

Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2178—*Castings (Mining)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

2179—Castings (Monel Metal)

Bayonne Casting Co., Bayonne, N. J.

Jefferson Brass Foundry, 209 King, B'klyn, N. Y.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

SUPPLEE-BIDDLE HARDWARE CO., 510 Commerce, Phila., Pa.

See adv index at end of book

WILLIAMS & CO. INC., 221 Penn av, Pittsburgh, Pa.

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WILLIAMS & CO. INC. PITTSBURGH, PA.

2180—Castings (Nickel Bronze)

Damascus Bronze Co. ("Damascus"), N S, Pittsburgh, Pa.

See adv index at end of book

Ideal-Die Casting Co., 756 Eddy, Providence, R. I.

Morgan Engineering Co., Alliance, O.

See adv index at end of book

Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.

2181—Castings (Nickel Steel)

American Steel Foundries, McCormick bldg, Chicago, Ill.

Bayonne Casting Co., Bayonne, N. J.

Bethlehem Steel Co., South Bethlehem, Pa.

Chicago Steel Foundry Co. (Non Corrosive), 3701 S Kedzie av, Chicago, Ill.

Columbia Steel Co., 503 Market, San Francisco, Cal.

Crucible Steel Casting Co., Landsdowne, Pa.

Malleable Iron Fittings Co., Branford, Conn.

MESTA MACHINE CO., Pittsburgh, Pa.

See adv index at end of book

Millbury Steel Foundry Co., Millbury, Mass.

Minneapolis Crucible Steel Co., 38th Av N E & 5th, Minneapolis, Minn.

Silver Steel Casting Co., Milwaukee, Wis.

Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.

2182—Castings (Non-Corrosive Metal)

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.

Duriron Castings Co. ("Duriron"), 90 West, New York

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

Castings (Open-Hearth Steel)

See firms in Castings, Steel, with the words Open-Hearth following their names

2183—Castings (Ordnance)

American & British Mfg. Co., Charles, Providence, R. I.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Midvale Steel Co., Nicetown, Phila., Pa.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 Penn Seaboard Steel Corp., Franklin Bk. bldg, Phila., Pa.
 Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.

Castings (Ornamental Iron)

See Firms in Iron, Architectural & Ornamental, with a Star in front of their names

2183a—*Castings (Paper Mill)

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

2184—Castings (Phosphor Bronze)

Ajax Metal Co., 46 Richmond, Phila., Pa.
 American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
 Anderson A. H. (Light & Heavy), 1213 Fulton, Chicago, Ill.
 Atkinson Co. (1,000 to 5,000 lbs), Rochester, N. Y.
 Atlas Brass Works, 431 Folsom, San Francisco, Cal.
 Bayonne Casting Co., Bayonne, N. J.
 Belfield H. Co., 435 N Broad, Phila., Pa.
 Blake Edwin J., Hartford, Conn.
 Bridgman Bros. Co., 1426 Wash'n av, Phila., Pa.
 Bronze Metal Co., 30 Church, New York
 Brown A. & F. Co., 79 Barclay, New York
 Works, Elizabethport, N. J.
 Bunting Brass & Bronze Co., 738 Spencer, Toledo, O.
See adv index at end of book
 Clayton & Lambert Mfg. Co., 205 Piquette av, E. Detroit, Mich.
 Crown Smelting Co., Chester, Pa.
DAMASCUS BRONZE CO. ("Damascus"), N S, Pittsburgh, Pa.
See adv index at end of book
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
 Davenport Locomotive Works, Davenport, Ia.
 Denver Brass Works Co., Denver, Col.
 Edna Brass Mfg. Co., 531 Reading rd, Cincinnati, O.
 Emory P. P. Mfg. Co., Springfield, Mass.
 Erie Specialty Co., 520 W 12th, Erie, Pa.
 Eureka Co., North East, Pa.
 Exeter Brass Works, Exeter, N. H.
 Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
 Fewlass-Leen Brass & Iron Co., 610 E-Front, Cincinnati, O.
 Germann Bronze Co., Erie, Pa.
 Gilbert A. & Sons Brass Fdry. Co., 4019 Forest Park bl, St. Louis, Mo.
 Great Lakes Brass Foundry, Bay City, Mich.
 Grote F. Mfg. Co., Evansville, Ind.
 Hackett Bros., 242 Lillibridge, Detroit, Mich.
 Higgins & Co., Holyoke, Mass.
 Hoban Brass Foundry Co., Dayton, O.
 Ideal-Die Casting Co., 756 Eddy, Providence, R. I.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
 Keystone Bronze Co., 39th & A. V. R. R., Pittsburgh, Pa.
 Krouse Geo. (Heavy), 150 Morgan, Jersey City, N. J.
 Leslie Co., Lyndhurst, N. J.
 Light Mfg. & Foundry Co., Pottstown, Pa.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McHatton Foundry Co., 1500 Washington av, Phila., Pa.
 Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
 Messmer Fred Mfg. Co., 21 S 4th, St. Louis, Mo.
 Moran Flexible Steam Joint Co., Louisville, Ky.
 More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 National Bronze & Aluminum Foundry Co., 2539 E 79th, Cleveland, O.
 New Brunswick Iron Works, New Brunswick, N. J.
 Newell Fred E., Central Falls, R. I.
 North American Smelting Co., 9th & Thompson, Phila., Pa.
 Nute Foundry Co., Cuyhago Falls, O.
 Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.
 Parsons G. W. Co., Newton, Ia.
 Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
 Pioneer Brass Works, Indianapolis, Ind.
 Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.
 Powell Wm. Co., Cincinnati, O.
 Prior Brass Mfg. Co., Kansas City, Mo.
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
 Remington Machine Co., 411 E Front, Wilmington, Del.
 Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
 Rider-Bagg Co., Springfield, Mass.
 Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
 Rogers C. E., 34 Beach, Boston, Mass.
 Ryder Brass Foundry Co., Bucyrus, O.
 St. Cloud Iron Works Co., St. Cloud, Minn.
 Seymour Mfg. Co., Seymour, Conn.
 Sherwood Brass Works, 1167 Jefferson E, Detroit, Mich.
 Titanium Alloy Mfg. Co., Niagara Falls, N. Y.
 Trefethen D. A., Taunton, Mass.
 Turner & Seymour Mfg. Co., Torrington, Conn.
 Union Brass Foundry Co., Lowell, Mass.
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
 Ward & Williams, Hancock, Mich.
 Watson, Frye & Co., Bath, Me.
 Wellman Bronze Co. (Medium & Heavy), 6017 Superior av, Cleveland, O.
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

2185—*Castings (Puddled Semi-Steel)

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2185a—Castings (Pulley)

GERDES & CO., 42 Church, New York
See adv index at end of book

2186—*Castings (Railroad)

See also Castings, Aluminum; Castings, Brass & Bronze; Castings, Copper; Castings, Gray Iron; Castings, Gun Metal; Castings, Malleable Iron; Castings, Phosphor Bronze; Castings, Steel; Machinists & Founders
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
STRONG STEEL FOUNDRY CO., Buffalo, N. Y.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2187—Castings (Rock Crusher)

American Manganese Steel Co. ("Amco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
 American Road Machinery Co., Kennett Sq., Pa.
 Atlas Steel Casting Co. (Steel), Buffalo, N. Y.

Bethlehem Steel Co. ("Manard" Steel), So. Bethlehem, Pa.
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Bonney-Floyd Co. (Manganese & Varlow Corbon & Alloy Steel), Columbus, O.
 Brunner Foundry & Mfg. Co., Peru, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Chester Steel Castings Co., Chester, Pa.
 Eastwood Wire Mfg. Co., Belleville, N. J.
 Green's Car Wheel Mfg. Co. (Chilled), 3013 N B'way, St. Louis, Mo.
 Parsons G. W. Co., Newton, Ia.
 St. Louis Steel Foundry (Manganese Steel), Hamburg & Kienlen av, St. Louis, Mo.
 Stearns-Roger Mfg. Co., Denver, Colo.
 Steele & Condit (Also for Elevators & Screens), 74 Pearl, Jersey City, N. J.
 Strong Steel Foundry Co. (Steel), Buffalo, N. Y.
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
 Union Steel Casting Co., Pittsburgh, Pa.
 United Iron Works Co., Springfield, Mo.
 Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2188—Castings (Rolling Mill & Furnace)

See also Machinery, Rolling Mill; also Rolls, Sand, Chilled & Steel
 American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 American Manganese Steel Co. ("Amco" & "Stag" Brand, Manganese Steel), 332 S Michigan av, Chicago, Ill.
 American Sheet & Tin Plate Co., Canton, O.
 Best Mfg. Co., A. & 1st, Pittsburgh, Pa.
 Bethlehem Steel Co., South Bethlehem, Pa.
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Bonney-Floyd Co. (Open-Hearth, Converter & Crucible Steel), Columbus, O.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Carroll Foundry & Machine Co., Bucyrus, O.
 Cooper C. & G. Co., Mt. Vernon, O.
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
 Hyde Park Fdry. & Mach. Co., Hyde Park, Pa.
 Ironton Punch & Shear Co., Ironton, O.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
 Keystone Bronze Co., Pittsburgh, Pa.
 Marshall Foundry Co., 28th, Pittsburgh, Pa.
 Massillon Iron & Steel Co., Massillon, O.
 Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
 More-Jones Brass & Metal Co. (Bronze), Broadway & Dock, St. Louis, Mo.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 National Roll & Foundry Co., Avonmore, Pa.
 Newbold R. S. & Son Co. (Heavy), Norristown, Pa.
 Penna. Engineering Works, New Castle, Pa.
 Philadelphia Roll & Machine Co., 23d & Wash'n av, Philadelphia, Pa.
 Reading Iron Co., Reading, Pa.
 Rosedale Foundry & Machine Co., Washington & Preble, Pittsburgh, Pa.
 Sharon Foundry Co., Wheatland, Pa.
 Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
 Treadwell M. H. Co. of Illinois, 208 S. La Salle, Chicago, Ill.
 Union Steel Casting Co., Pittsburgh, Pa.
 United Engineering & Fdry Co., 307 5th av, Pittsburgh, Pa.
 Velte Foundry & Machine Co., Mars, Pa.
 Weimer Machine Works Co., Lebanon, Pa.
 Wheeling Mold & Fdry Co., Wheeling, W. Va.
 Worthington Pump & Machy. Corp., 115 B'way, New York
 Youngtown Foundry & Machine Co., Youngstown, O.

2189—Castings (Semi-Steel)

Albany Malleable Iron Co., Albany, N. Y.
 Allvne-Ryan Foundry Co., Aetna rd & E 91st, Cleveland, O.

American Clay Machinery Co. (Medium & Heavy), Willoughby, O.
 Arcade Malleable Iron Co., Worcester, Mass.
 Avery B. F. & Sons (Plain or Machine) Louisville, Ky.
 Ball Engine Co. (Up to 20 Tons), Erie, Pa.
 Barker Jas., 6th & Cayuga, Phila., Pa.
 Bethlehem Foundry & Machine Co. South Bethlehem, Pa.
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Birmingham Iron Foundry (Heavy), Derby, Conn.
 Brady Jas. A. Foundry Co., 35th & Ashland av, Chicago, Ill.
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons), 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Caldwell H W & Son Co., 17th & Western av, Chicago, Ill.
 Carroll Foundry & Machine Co., Bucyrus, O.
 Centre Fdry & Machine Co., Wheeling, W. Va.
 Chain Belt Co., Milwaukee, Wis.
 Chrisman-Goodwin Foundry Co., Morgantown, W. Va.
 City Foundry Co. (Up to 50 Tons), 4629 Hamilton av, N E, Cleveland, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Cumberland Fdry. & Mfg. Co., Nashville, Tenn.
 Cureton Wm. & Sons, Lexington, Richland Co., O.
 Davenport Locomotive Wks., Davenport, Ia.
 Davison-Namack Fdry. Co., Ballston Spa, N. Y.
 Eastern Malleable Iron Co., Naugatuck, Conn.
 Farrar & Trefts, Buffalo, N. Y.
 Farrel Foundry & Machine Co. (Heavy), Ansonia, Conn.
 Ferguson & Lange Foundry Co., Clybourne av & Willow, Chicago, Ill.
 Francis & Nygren Foundry Co. (For Ammonia Castings, Smelting & Acid Kettles, Gears, etc), 2542 Fillmore, Chicago, Ill.
 G. & C. Foundry Co., Sandusky, O.
 Grote F. Mfg. Co., Evansville, Ind.
 Gustafson Mfg. Co., Chattanooga, Tenn.
 Hammer & Co., Branford, Conn.
 Hill Clutch Co., 1000 W 53th, Cleveland, O.
 Huntington Mach. & Fdry. Co. (Light & Heavy), Huntington, Ind.
 Independent Foundry Co., Portland, Ore.
 Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.
 Jackson & Church Co., Saginaw, Mich.
 Kahl Iron Foundry, 537 Atwater, E Detroit, Mich.
 Kennedy-Stroh Corp'n, Pittsburgh, Pa.
 Kugler & Shane, Woodall & Clement, Baltimore, Md.
 Lehigh Foundry Co. (Up to 50 Tons), Fullerton, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Lorain Casting Co. (Up to 40,000 lbs.), Lorain, O.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McKim Foundry & Machine Co., Lockport, N. Y.
 Malleable Iron Fittings Co. (Homogenous Metal), Branford, Conn.
 Marion Machine Foundry & Supply Co., Marion, Ind.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 Muncie Foundry & Machine Co., Muncie, Ind.
 Nazareth Foundry & Machine Co., Nazareth, Pa.
 Pittsburgh Valve Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Reliance Foundry Co., Richmond, Ind.
 Ripley Foundry & Machine Co., Ripley, O.
 Rosedale Foundry & Machine Co., Washington & Preble, Pittsburgh, Pa.
 Ross-Meehan Foundry Co. (Railroad), Chattanooga, Tenn.
 St. Cloud Iron Works Co., St. Cloud, Minn.
 Santa Fe Foundry Co., Richmond, Cal.
 Shevlin Geo. F. Mfg. Co., Saratoga Springs, N. Y.
 Spuck Iron & Fdry. Co., 14th & Branch, St. Louis, Mo.
 Standard Engineering Co., Elwood City, Pa.

Superior Foundry Co., Cleveland, O.
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
THROPP'S JOHN E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
 Tod Wm. Co., Youngstown, O.
 Toledo Ship Building Co., Toledo, O.
 Tomahawk Steel & Iron Works, Tomahawk, Wis.
 United Engineering & Fdry. Co., 307 5th av, Pittsburgh, Pa.
 United Iron Works Co., Springfield, Mo.
 Valley Iron Works, Williamsport, Pa.
 Walker Foundry Co., Erie, Pa.
 Waltham Foundry Co., Waltham, Mass.
 West Allis Iron Works, West Allis, Wis.
 Wharton Wm. J. & Co., Inc., Easton, Pa.
 Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.
 Wollaston Foundry Co., Wollaston, Mass.
 Youngstown Foundry & Machine Co., Youngstown, O.

2190—Castings (Settee)

National Malleable Castings Co., 7706 Platt av, S E, Cleveland, O.

2191—*Castings (Sidewalk & Vault Light)

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

2191a—Castings (Silver)

IDEAL-DIE CASTING CO., 756 Eddy, Providence, R. I.

2191b—*Castings (Stamp Mill)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Castings (Steam Fitters')

See Fittings, Various Kinds

2192—Castings (Steel)

This List is Duplicated under Head of Machinists & Founders

ALABAMA.

ALABAMA CITY—Gulf States Steel Co. (See Birmingham, Ala.)
 BIRMINGHAM—Gulf States Steel Co. Works: Alabama City
 WOODWARD—Woodward Iron Co.

CALIFORNIA.

OAKLAND—Best C. L. Gas Traction Co.
 OXNARD—Dunn Mfg. Co.
 PITTSBURG—Columbia Steel Co. (See San Francisco)
 REDONDO—Warman Steel Casting Co.
 SAN FRANCISCO—Alaska Treadwell Gold Mining Co., Mills bldg
 Columbia Steel Co. (Acid & Bash Open Hearth), 503 Market. (Works: Pittsburgh, Cal.)
 Enterprise Foundry Co., 320 Fremont
 Union Iron Works Co. (Tropenas, for Co.'s Own Use), 20th & Michigan
 STOCKTON—Samson Iron Works (Crucible)

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bessemer & Open Hearth, for Company's Own Use)

CONNECTICUT.

BRANFORD—Hammer & Co.
 Malleable Iron Fittings Co. (Low Carbon & Tropenas)
 COLLINSVILLE—Collins Co. (Crucible, All Consumed by the Company)
 NEW HAVEN—Penn Seaboard Steel Corp. (See Phila., Pa.)

DELAWARE.

NEW CASTLE—American Manganese Steel Co. ("Amsco" & "Stag" Brand, Manganese Steel), Main Office: Chicago, Ill.

Boldt Steel Co.
 Bryigon Steel Casting Co (Manganese Steel, Gear Blanks, Motor Frames, Connecting Rods, Crankshafts, Governor Arms)
 Deemer Steel Casting Co (1 to 10,000 lbs)
 Penn Seaboard Steel Corp. (See Phila., Pa.)
WILMINGTON—Lobdell Car Wheel Co. (Open Hearth, 1 lb. to 10 tons) G, nr Christiana

DISTRICT OF COLUMBIA.

WASHINGTON—Firth-Sterling Steel Co., Giesboro Point
 Naval Gun Factory, U. S. Naval Yard (Tropenas)

FLORIDA.

TAMPA—Tampa Foundry & Machine Co.

ILLINOIS.

BRADLEY — Bradley David Machine Works
 CHICAGO—American Steel Foundries (Open Hearth Up to Any Weight), McCormick bldg
 Buchanan Electric Steel Co., 80 E Jackson bl (Works: Buchanan, Mich.)
 Chicago Malleable Castings Co., 120th & Racine av
 Chicago Steel Foundry Co. (High Manganese & High Carbon Crucible; also Magnetic for Electrical Purposes), 3701 S Kedzie av
 Crane Co. (Est. 1855) (Soft Zenses), 836 S Michigan av
For branch offices see adv index at end of book
LINK-BELT CO. (Zenses Converter), 39th & Stewart av
See adv index at end of book
 National Car Coupler Co. (Acid Open Hearth, Up to 20 Tons), 332 S Michigan av. Works: Attica, Ind.
 Pettibone, Mulliken & Co., 140 S Dearborn
 Railway Steel Spring Co., 108th & Watt av
 Western Steel Car & Foundry Co. (Basic Open Hearth Car & Railroad), People's Gas bldg.
 CHICAGO HEIGHTS—American Brake Shoe & Fdry. Co., 332 S Michigan av. (See Mahwah, N. J.)
 EAST ST. LOUIS—American Steel Foundries (Crucible, Acid Open Hearth, Up to Any Weight). Main Office: Chicago, Ill.
 GRANITE CITY—American Steel Foundries (Acid, Open Hearth & Crucible, Up to Any Weight). Main Office: Chicago, Ill.)
 Commonwealth Steel Co. (Basic Open Hearth). Office: St. Louis
 JOLIET—Illinois Steel Co. (See Chicago, Ill.)
 MELROSE PARK—National Malleable Castings Co. (See Cleveland, O.)

INDIANA.

ATTICA—National Car Coupler Co. (See Chicago, Ill.)
 EAST CHICAGO—Hubbard Steel Foundry Co.
 EVANSVILLE—Evansville Tool Works
 INDIANA HARBOR—American Steel Foundries (Acid, Open Hearth, Car, Locomotive & Other Steel Castings). Office: Chicago, Ill.
 Inland Steel Co. (See Chicago)
 LAWRENCEBURG—Cook Aug. D.
 MICHIGAN CITY—Haskell & Barker Car Co.
 MONTPELIER—National Steel Casting Co. (Acid & Basic Open Hearth Car Couplers, Knuckles & General Castings)
 MUNCIE — Whitely Malleable Castings Co. ("Whiteley's Cromon," for Automobiles, Pneumatic Tools, Gas Engines, etc)
 Whitely Steel Co. (High Grade, Small)
 SOUTH BEND—Oliver Chilled Plow Works (Crucible, all Consumed in Their Works)
 South Bend Chilled Plow Co.
 TERRE HAUTE—Inland Steel Casting Co.

IOWA.

BETTENDORF—Bettendorf Co. (Basic Open Hearth)
CHARLES CITY—Hart-Parr Co.
DES MOINES—Pittsburgh-Des Moines Steel Co. (See Pittsburgh, Pa.)
See adv index at end of book
NEWTON—Parsons G. W. Co. (Crucible & Manganese)

LOUISIANA.

MANSFIELD—De Soto Foundry & Machine Co. (Ltd.)
NEW ORLEANS—Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av
 Whitney Iron Works Co., 849 Tehou-pitouslas

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co., So. Charles & Wells
ELLCOTT MACHINE CORP., Bush & Severn
See adv index at end of book
 Kennedy's P. Foundry Co. cor. Charles & Wells
ELKTON—Powers James F. Foundry Co
SPARROW POINT—Maryland Steel Co.

MASSACHUSETTS.

BOSTON—Eastern Steel Casting Co. (Crucible), 30 Kemble
CHELSEA—Connolly Steel Casting Co.
LYNN—GENERAL ELECTRIC CO. (Acid, Open Hearth & Crucible)
See adv index at end of book
MILLBURY—Millbury Steel Foundry Co. (Crucible, 1 to 1000 lbs)
MICHIGAN.

ADRIAN—Adrian Steel Casting Co. (Crucible Steel for Light Machinery & Specialty)
BUCHANAN—Buchanan Electric Steel Co. (See Chicago, Ill.)
DETROIT—Buhl Malleable Co.
 Detroit Steel Casting Co. (Robert Bessemer & Acid Open Hearth, Up to 20 Tons)
 Michigan Steel Casting Co., 248 Guoin
 Monarch Steel Castings Co. (Acid Open Hearth)
 Swedish Crucible Steel Co. ("Pyro" Crucible), Butler & Grand Trunk R. R.
HOUGHTON—Carroll Foundry Co. (Modified Tropenas)
KALAMAZOO—Reed Foundry & Machine Co. (Crucible for Automobiles, Machinery, etc.)
MONROE—Monroe Steel Castings Co. (Crucible Up to 10,000 lbs.)
MUSKEGON—West Michigan Steel Fdry Co.
NORTHVILLE—American Bell & Foundry Co.
SAGINAW—Fair S. & Son (Crucible)

MINNESOTA.

MINNEAPOLIS—
 Minneapolis Crucible Steel Co., 38th av N. E. & 5th
See adv index at end of book
 Twin City Rapid Transit Co. (For Own Use Only), 11th & Hennepin av
 Western Crucible Steel Casting Co., 2843 Grand
ST. PAUL—American Hoist & Derrick Co., 63 S Robert
 Twin City Lines (For Own Use Only)

MISSOURI.

ST. LOUIS—American Steel Foundries (Acid Open Hearth & Crucible Up to Any Weight), Main Office, Chicago, Ill.
 Commonwealth Steel Co. (Basic Open Hearth), Pierce bldg. Works: Granite City, Ill.
 St. Louis Car Co. (Car), 8000 N. B'way.
 St. Louis Steel Foundry (5 to 10,000 lbs.), Hamburg & Kienlen av
 Scullin Steel Co. (Basic Open Hearth, up to 60,000 lbs.), 6700 Manchester av

Warren Steel Casting Co. (Crucible, from 1 lb. up to 1,000), 4700 Fyler av
WEBB CITY—Webb City & Carterville Foundry & Machine Works

NEW JERSEY.

BAYONNE—Bayonne Steel Casting Co. (Carbon, Crucible, Nickel, Vanadium, etc.)
BURLINGTON—Devlin Thomas Mfg. Co. (See Phila., Pa.)
CHROME—Chrome Steel Works (Acid & Basic Open Hearth & Crucible)
HOBOKEN—Union Iron Works
MAHWAH—American Brake Shoe & Foundry Co. (Works: New Castle, Del., & Chicago, Ill.)
NEWARK—Riverside Steel Casting Co. (Crucible, 1 to 2000 lbs.), Plank rd
TRENTON—Trenton Malleable Iron Co.

NEW YORK.

BUFFALO—Acme Steel & Malleable Iron Wks., 245 Military Rd
 Atlas Steel Casting Co. (Acid Open Hearth up to 30,000 lbs.)
BUFFALO FOUNDRY & MACHINE CO. (Up to 200 Tons), 65 Winchester av. *See adv index at end of book*
 Jewell Steel & Malleable Co. (Carbon)
 Niagara Forged Steel Co. (Basic Open Hearth)
 Pratt & Letchworth Co. (Acid Open Hearth)
STRONG STEEL FOUNDRY CO. (Acid Open Hearth Any Weight up to 20,000 lbs. for Any Purpose)
 Taylor W. P. Co., 218 Ellicott sq
DEPEW—Gould Coupler Co. (Basic Open Hearth)

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

BROOKLYN—U. S. Navy Yard (For Own Use Only)
NEW YORK—American Steel Foundries (Acid Open Hearth, Crucible up to Any Weight), Hudson Terminal bldg
 Boker H. & Co., Inc., 101 Duane
 Gould Coupler Co. (Basic Open Hearth), 30 E 42nd. Works: Depew, N. Y.
 Johnson Isaac G. & Co. (Acid Open Hearth, Tropenas, Steel Castings & Special Electric Metal of High Permeability), Spuyten Duyvil
 Long E. G. Co., 50 Church
 Newport News Shipbuilding & Dry Dock Co. (Tropenas), 233 Broadway, Works: Newport News, Va.
 Rock Products Equipment Corp., 42 Church. *See adv index at end of book*

Borough of Queens.

LONG ISLAND CITY—Steinway & Sons (End of New York City)
OLEAN—Clark Bros. Co.

OHIO.

AKRON—Adamson Machine Co.
ALLIANCE—American Steel Foundries (Acid Open Hearth & Crucible, up to any weight), Main Office, Chicago, Ill.
 Morgan Engineering Co. (Open Hearth)
See adv index at end of book
BELLAIRE—Carnegie Steel Co. (Office: Pittsburgh, Pa.)
CANTON—Canton Steel Foundry Co.
CINCINNATI—Cincinnati Steel Casting Co.
CLEVELAND—Allyne-Ryan Foundry Co., Aetna rd & E 91st
 American Steel & Wire Co. (Acid & Basic Open Hearth, for the Company's Own Use)
See adv index at end of book
 Cleveland Steel Casting Co. (Acid Open Hearth, Heavy)
 Crucible Steel Casting Co. (Steel & Alloyed Steel)
 National Malleable Castings Co. (Open Hearth & Electric)
 Otis Steel Co. (Acid & Basic Open Hearth, from 1 to 150,000 lbs)

Standard Steel Castings Co. (From 1 to 100 lbs), 3311 W 73d
 Wellman-Seaver-Morgan Co. (Basic Open Hearth)
COLUMBUS—Bonney-Floyd Co. (Open Hearth, Converter & Crucible Manganese & Various Carbon & Alloy Steels)
 Buckeye Steel Castings Co. (Cast Steel Railroad Specialties Only)
 Ohio Malleable Iron Co., 961 N Fourth
DAYTON—Dayton Steel Foundry Co. (Crucible)
 Joyce-Cridland Co.
LIMA—Ohio Steel Foundry Co. (Acid & Basic Open Hearth & Vanadium)
LORAIN—National Tube Co.
MIDDLETOWN—American Rolling Mill Co.
MONTPELIER—Wingert Foundry & Furnace Co.
SANDUSKY—Farrell-Cheek Steel Foundry Co. (Small, up to 2000 lbs)
SPRINGFIELD—Blackwood Steel Foundry Co.
STEUBENVILLE—La Belle Iron Works (Basic Open Hearth, General Mill Castings)
TOLEDO—Toledo Steel Casting Co.
WELLSVILLE—Menough Foundry Co.

OREGON.

PORTLAND—Columbia Steel Co. (See San Francisco, Cal.)

PENNSYLVANIA.

AMBRIDGE—American Bridge Co. (See Pittsburgh, Pa.)
BIRDSBORO—Birdsboro Steel Foundry & Machine Co. (Acid Open Hearth)
BRACKENRIDGE—Allegheny Steel Co. (See Pittsburgh, Pa.)
BRADDOCK—Braddock Manufacturing Co.
 Sterling Steel Foundry Co. (Acid Open Hearth)
BURNHAM—Standard Steel Works Co. (See Phila., Pa.)
CHESTER—American Steel Foundries (Acid Open Hearth & Crucible up to any Weight). Main Office: Chicago, Ill.
 Atlantic Steel Casting Co. (Open Hearth Steel up to 300 lbs.)
 Chester Steel Castings Co. (Open Hearth, any weight up to 60,000 Pounds). Office: Phila., Pa.
 Federal Steel Foundry Co. (Acid Open Hearth for Machinery, Engines, Ships, Locomotives, etc)
 Keystone Steel Castings Co.
 Penn Steel Castings & Machine Co.
 Penn Seaboard Steel Corp. (See Phila.)
 Seaboard Steel Casting Co.
CORAOPOLIS—Duquesne Steel Foundry Co. (See Pittsburgh)
CRUM LYNNE—Eagan-Rogers Steel & Iron Co. (Converter, up to 200 lbs)
EASTON—Treadwell Engineering Co. (Electric Furnace.)
See adv index at end of book
WHARTON WM. JR. & CO., INC.
ERIE—National Fdry. Co. (Acid Open Hearth, Railroad Machinery & Castings)
FRANKLIN—American Steel Foundries (Acid Open Hearth & Crucible, up to any Weight). Main Office: Chicago, Ill.
GLASSPORT—Pittsburgh Steel Foundry Co. (Acid Open Hearth, up to 60,000 lbs). Office: Pittsburgh, Pa.
GROVETON—Lewis Foundry & Machine Co. (See Pittsburgh, Pa.)
HOMESTEAD—Carnegie Steel Co. (See Pittsburgh, Pa.)
 Mesta Machine Co.
JOHNSTOWN—Cambria Steel Co. (Open Hearth), Main office, Phila., Pa.
 Lorain Steel Co.
 Suppes Forge & Foundry Co.
LANCASTER—Carbon Steel Casting Co. (Annealed)
LANSDOWNE—Crucible Steel Casting Co. (Crucible Automobile & Machy. Castings, 1 to 2,000 lbs)
LEBANON—Lebanon Steel Foundry (High Carbon Crucible)
McKEESPORT—Firth-Sterling Steel Co.
 Fort Pitt Steel Casting Co. (Small Castings)

McKEES ROCKS—Fort Pitt Malleable Iron Co. (Miscellaneous Open Hearth)
 Pressed Steel Car Co. (See Pittsburgh, Pa.)
MEADVILLE—Phoenix Iron Works Co., Yost G. M. Mfg. Co.
MIDLAND—Pittsburgh Iron & Steel Foundries Co. (Medium & Large)
NEW BRIGHTON—Damascus Crucible Steel Casting Co. (Crucible)
NEW KENSINGTON—Union Spring & Mfg. Co.
OIL CITY—National Transit Pump & Machine Co. (For Own Use)
See adv index at end of book
PHILADELPHIA—American Bridge Co., Widener bldg
 Cambria Steel Co. (Open Hearth), Widener bldg
 Chester Steel Castings Co. (Acid Open Hearth & Cementation Steel Castings), 407 Sansom
 Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball
 Devlin Thos. Mfg. Co., Lehigh & 3rd. (Works: Burlington, N. J.)
 Flagg Stanley G. & Co., Morris bldg. (Works: Pottstown)
LINK-BELT CO., Hunting Park av & P. & R. Ry
See adv index at end of book
 Midvale Steel Co. (Open Hearth & Crucible for Gun Carriage Mounts, etc.; & Armor Piercing Shot & Shell), Nicetown
 Morris I. P. Co., Beach & Ball
 Penn Seaboard Steel Corp., Franklin Bk. bldg
PHILADELPHIA ROLL & MACHINE CO., 23d & Washington av
 Phoenix Iron Co. (Open Hearth, for Self-Consumption), 410 Walnut. Works: Phoenixville, Pa.
 Standard Steel Works Co. (Acid Open Hearth), Morris bldg. Works: Burnham, Pa.
 Temple Malleable Iron & Steel Co., Harrison bldg. Works: Temple, Pa.
PHOENIXVILLE—Phoenix Iron Co. (See Phila., Pa.)
PITTSBURGH—Allegheny Steel Co. (Small Basic Open Hearth), Oliver bldg. Works: Brackenridge, Pa.
 American Bridge Co. (Acid & Basic Open Hearth). Works: Ambridge, Pa.
 American Steel Foundries (Open Hearth, up to Any Weight), Main Office: Chicago, Ill.
 Duquesne Steel Foundry Co. (Acid Open Hearth & Tropenas), Arrott bldg. Works: Corapolis, Pa.
 Garrison A Foundry Co., 901 Bingham
 Horner W. S. & Co., Oliver bldg
 Kennedy-Stroh Corp'n (Stroh Steel Hardening Process Dept & Lawrence Dept)
 Lawrence Steel Casting Co. (Open Hearth), A. V. R. R. & 32d
 Lewis Foundry & Machine Co. Works: Groveton, Pa.
 Mackintosh, Hemphill & Co. (Acid Open Hearth, up to 160,000 lbs)
 McConway & Torley Co. (Acid Open Hearth), 48th & A. V. R. R.

Steel Castings

Acid Open Hearth, Nickel, Vanadium, Special Alloy or Semi-Steel (Any Carbon).

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

National Tube Co., Frick bldg
 Pittsburgh Iron & Steel Foundries Co., 313 6th av
 Pittsburgh Steel Foundry (Acid & Basic Open Hearth, up to 60,000 lbs), House bldg. Works: Glassport, Pa.
 Pressed Steel Car Co. (Basic Open Hearth, Car & Railroad), 307 5th av. Works: McKees Rocks, Pa.
 Re' nce Steel Casting Co. (Up to 20 Tons), 28th & Smallman

Union Steel Casting Co. (Acid Open Hearth)
 United Engineering & Foundry Co. (Acid Open Hearth, All Weights), 307 5th av
POTTSTOWN—Bramcote Foundry & Machine Co.
 Flagg Stanley G. & Co. (See Phila.)
READING—Reading Steel Casting Co. (Tropenas)
SHARON—American Steel Foundries (Acid Open Hearth & Crucible up to Any Weight). Main Office, Chicago, Ill.
 National Malleable Castings Co. (Open Hearth). (Office, Cleveland, O.)
SOUTH BETHLEHEM—Bethlehem Steel Co.
TEMPLE—Temple Malleable Iron & Steel Co. (Office, Phila., Pa.)
VANDERGRIFT—United Engineering & Fdry Co. (See Pittsburgh, Pa.)
VERONA—Verona Steel Castings Co.
WHEATLAND—Sharon Foundry Co. (Acid Open Hearth)

RHODE ISLAND.

HILLSGROVE—Rhode Island Malleable Iron Works

TENNESSEE.

CHATTANOOGA—American Brake Shoe & Foundry Co.
 Walsh & Weldner Boiler Co

TEXAS.

EL PASO—El Paso Foundry & Machine Co.
LONGVIEW—Kelly G. A. Plow Co.

VIRGINIA.

BASIC—Penn Foundry & Mfg. Co.
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Tropenas). Office, New York

WASHINGTON.

HOQUIAM—Gray's Harbor Iron & Steel Co
SPOKANE—Armstrong Machinery Co.
TACOMA—Puget Sound Iron & Steel Works

WEST VIRGINIA.

WHEELING—National Tube Co. (See Pittsburgh, Pa.)
 Wheeling Mold & Foundry Co. (Acid Open Hearth)
 Wheeling Steel Casting Co.
 Whitaker-Glessner Co. (Basic Open Hearth for Own Use)

WISCONSIN.

FORT ATKINSON—Creamery Package Mfg. Co.
MILWAUKEE—Bay View Steel Casting Co., 132 So. Bay
 Chain Belt Co. (Crucible),
 Crucible Steel Castings Co. (Crucible, up to 1,200 lbs.), 612 Clinton
 Electric Steel Castings Co. (Electric), 64th and R. R.
 Falk Co. (Acid Open Hearth), Ft. 30th
 Maynard Steel Foundry Co. (Crucible), 716 Reed
 Milwaukee Steel Foundry Co. (Special Converter Steel Castings), 101 S Water
 National Steel Foundries (Acid Open Hearth, up to 40,000 lbs.), Bellevue Pl. & Larkin
 Sivyer Steel Casting Co. (Electric), 37th av & Mitchell
 Smith Geo. H., Steel Casting Co. (Special Converter Steel Castings), 500 Clinton
 Standard Crucible Steel Casting Co., 719 30th
RACINE—Belle City Malleable Iron Co.
 Racine Steel Casting Co.
SOUTH MILWAUKEE—Bucyrus Co. (Basic Open Hearth)
WEST ALLIS—Gerlinger Steel Casting Co. (Crucible for Auto, Electric Mining Machinery, etc.)
 Wehr Steel Co. (Crucible)

Castings (Stone Crusher)

See Castings, Rock Crusher

2193—*Castings (Sugar House)

See also Castings, Chemical

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book

2194—Castings (Tubal Bronze)

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

2195—*Castings (Vacuum Pan)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2196—Castings (Vanadium Bronze)

Highton Wm. & Sons Co., Nashua, N. H.
 McGee Jos. Iron & Brass Fdry. Co., 51 6th, Long Island City, N. Y.
 Russell Fdry & Mach. Works, 51 6th, Long Island City, N. Y.

2197—Castings (Vanadium Iron)

Barker Jas., 6th & Cayuga, Phila., Pa.
 Capitol Foundry Co. (Specialties, Auto Cylinder, Marine & Gas & Gasoline Motor Castings), Hartford, Conn.
 Dixon H. L. Co. (Specialty Glass Bottle Molds), Rosalyn rd, Pittsburgh, Pa.
 Du Bois Foundry Co. (Specialties, Piston Rings & Small Cylinders), Cold Springs, N. Y.
 Early W. J. & Sons (Ltd.) (Glass Molds a Specialty), 812 Sarah, Pittsburgh, Pa.
 Empire Foundry Co., New Brunswick, N. J.
 Kelly Nicholas & Son (Glass Molds a Specialty), 1704 Wharton, Pittsburgh, Pa.
 Manufacturers Foundry Co. (Specialty Auto Cylinders), Waterbury, Conn.
 Perkins Henry Co. (Specialty Auto & Motor Cycle Cylinders), Bridgewater, Mass.
 Ross-Meehan Foundry Co. (Railroad), Chattanooga, Tenn.
 Standard Steel Wks. Co., Morris bldg, Phila., Pa.
 Waterbury Castings Co., Waterbury, Conn.
 Weller Hdware & Fdry. Co., Horseheads, N. Y.
 Zahniser Bros. & Sten (Specialty Glass Molds), Washington, Pa.

2198—Castings (Vanadium Metal)

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

2199—Castings (Vanadium Steel)

See also firms in Castings, Steel, with the word Vanadium following their names

American Steel Foundries (Open Hearth Locomotive & Marine, Mill & Engine Castings, Rolls, Gears & Pinions), McCormick bldg, Chicago, Ill.
 Bayonne Casting Co., Bayonne, N. J.
 Bonney-Floyd Co., Columbus, O.
 Brylgon Steel Casting Co. (Tropenas Converter), New Castle, Del.
 Chain Belt Co., Milwaukee, Wis.
 Cincinnati Steel Castings Co. (Tropenas Converter), Queen City & Spring Grove avs, Cincinnati, O.
 Crucible Steel Casting Co. (Crucible), Cleveland, O.
 Crucible Steel Castings Co. (Crucible), Lansdowne, Pa.
 Damascus Crucible Steel Casting Co. (Crucible), New Brighton, Pa.
 Farrell-Cheek Steel Foundry Co. (Tropenas), Sandusky, O.
 Mackintosh, Hemphill & Co., Pittsburgh, Pa.
 Malleable Iron Fittings Co., Branford, Conn.
MESTA MACHINE CO. (Steel Rolls, Gears, Pinions, Mill & Engine Castings), Pittsburgh, Pa. *See adv index at end of book*
 Millbury Steel Foundry Co. (Crucible), Millbury, Mass.
 Minneapolis Crucible Steel Co., 38th av N E & 5th, Minneapolis, Minn.

Ohio Steel Foundry Co. (Locomotive, Steel Rolls, Gears, Pinions, Mill & Engine Castings), Lima, O.
 Parsons G. W. Co., Newton, Iowa
 Penn Seaboard Steel Corp, 1418 Chestnut, Phila., Pa.
 Pittsburgh Steel Foundry, House bldg, Pittsburgh, Pa.
 Pratt & Letchworth Co. (Open Hearth Steel Rolls, Gears, Pinions, Mill & Engine Castings), Buffalo, N. Y.
 Reading Steel Casting Co. (Tropenas Converter), Reading, Pa.
 Riverside Steel Casting Co. (Crucible), Plank rd, Newark, N. J.
 Ross-Meehan Foundry Co. (Railroad), Chattanooga, Tenn.
 Smith Geo H. Steel Casting Co., 500 Clinton, Milwaukee, Wis.
 Union Steel Casting Co. (Open Hearth Steel, Rolls, Gears, Pinions, Mill & Engine Castings), Pittsburgh, Pa.
 Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.
 West Steel Casting Co. (Crucible & Tropenas Converter), 805 E 70th, Cleveland, O.
 Wheeling Mold & Foundry Co. (Steel Rolls, Gears, Pinions, Mill & Engine Castings), Wheeling, W. Va.

2199a—*Castings (Water Works)

See also Cast Iron Pipe Mfrs., Gas & Water; also Valves, Gate for Water Mains; also Covers, Manhole
 Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2200—Castings (White Metal)

Ajax Metal Co., 46 Richmond, Phila., Pa.
 American Casting & Mfg. Corp., 31 Main, Brooklyn, N. Y.
 American Die Casting Co., Indianapolis, Ind.
 Capital Brass Works, Chene & Franklin, Detroit, Mich.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
 Franklin Mfg. Co., Magnolia, Syracuse, N. Y. *See adv index at end of book*
 Germann Bronze Co., Erie, Pa.
 Grote F. Mfg. Co., Evansville, Ind.
 Hackett Bros., 242 Lillibridge, Detroit, Mich.
 Highton Wm. & Sons Co. ("Parsons," White Bronze), Nashua, N. H.
 Kokomo Brass Works, Kokomo, Ind.
 Krouse W. E. & Bro., Bridgeport, Conn.
 Legler-Eilerman Co., Dayton, O.
 Light Mfg. & Foundry Co., Pottstown, Pa.
LUMEN BEARING CO. (Die Pressure), 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
 Marion Machine Foundry & Supply Co., Marion, Ind.
 Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
 Monumental Bronze Co. (Ornamental White Bronze), Bridgeport, Conn.
 Moran Flexible Steam Joint Co., Louisville, Ky.
 More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
 Mosser W. F. & Son (Iron), Allentown, Pa.
 Pacific Metal Works, 153 1st, San Francisco, Cal.
 Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
 Pevey Foundry Co., Lowell, Mass.
 Pioneer Brass Works, Indianapolis, Ind.
 Providence Brass & Aluminum Foundry, 460 Eddy, Providence, R. I.
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
 Reynolds Gardner W., Meriden, Conn.
 Rock Island Metal Foundry, 505 41st Rock Island, Ill.
 Seymour Mfg. Co., Seymour, Conn.
 Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.
 Van Wagner E. B. Mfg. Co., Fayetteville, N. Y.
 Veeder Mfg. Co., Hartford, Conn.
 Victoria Metal Co., Erie, Pa.

2201—Castings (Zinc)

Acme Brass Foundry Co., Los Angeles, Cal.
 Anderson A. H., 1213 Fulton, Chicago, Ill.
 Atlas Brass Works, 431 Folsom, San Francisco, Cal.

Farrell Edward P., 1414 Philpot, Baltimore, Md.
 Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.
 Liberty Brass Works, 305 W Lombard, Baltimore, Md.
 Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.
 More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
 Phoenix Die Casting Co., 21 Illinois, Buffalo, N. Y.
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.
 Van Duzen E. W. Co., 428 E 2nd, Cincinnati, O.

2202—Cat-Gut (Surgical)

Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.
 Davis & Geck, 217 Duffield, Brooklyn, N. Y.
 Johnson & Johnson, New Brunswick, N. J.

2203—Catalogues (General Hardware)

Woodward-Tiernan Printing Co., 309 N 3rd, St. Louis, Mo.

Catch Basins & Covers

* See Basins, Catch; also Inlets, Sewers

2204—Catchers (Fly)

Dejonge Louis & Co. ("Pyramid"), 71 Duane, New York
 Selbert H. E. ("Selbert" Poison Tin), 475 Broadway, St. Paul, Minn.

2205—Catchers (Grass)

American Mfg. Co., Columbus, O.
 Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
 Coldwell Lawn Mower Co., Newburgh, N. Y.
 Enterprise Mfg. Co. of Pa. 3d & Daupin, Phila., Pa.
 Excelsior Bag & Mfg. Co., Troy, N. Y.
 F. & N. Lawn Mower Co. ("Simplex" & "Chief"), Richmond, Ind.
 Granite State Mowing Machine Co., Hinsdale, N. H.
 Hasseries Carl ("The Leader," "Bieder"), Broadway & E 55th, Cleveland, O.
 Krause R. F. ("Ideal," "Victor," "Boomer" Metal), Zion City, Ill.
 Ney Mfg. Co. ("Iron Clad"), Canton, O.
 Perfection Mfg. Co., Montgomery & Leflingwell, St. Louis, Mo.
 Philadelphia Lawn Mower Co. ("Philadelphia," "Acme"), 31st & Chestnut, Phila., Pa.
 Specialty Mfg. Co. ("Leader," "Easy Emptying," "E. Z., "N. Y., "U. S. A., Detachable Wire), St. Anthony Park, Minn.

SUPPLEE-BIDDLE HARDWARE CO.

("Braun" Penna. Golf), 510 Commerce, Phila., Pa.
See adv index at end of book

Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
 Whitman & Barnes Mfg. Co. ("Diamond"), Akron, O. *See adv index at end of book*
 Worcester Lawn Mower Co. ("Worcester"), Worcester, Mass.
 Zittolsen Mfg. Co. ("Nox-All"), Park & Dolman, St. Louis, Mo.

2206—Catchers (Potato Bug)

Stevens Mfg. & Foundry Co., Decatur, Ill.

2207—Catchers & Retrievers (Trolley)

Electric Service Supplies Co. ("Key-stone"), 17th & Cambria, Phila., Pa.
 Ohio Brass Co., Mansfield, O.
 Trolley Supply Co. ("Ideal," "Knutson," "Peerless"), Canton, O.
 Wilson & Co. (Sole Mfrs. of the "Wilson"), 430 Kent av, Brooklyn, N. Y.

2208—Catches (Baskets & Box, Fancy)

Grammes L. F. & Sons, Allentown, Pa.

2209—Catches (Cupboard, Screen Door, Etc.)

Allith-Prouty Co. ("Prouty"), Danville, Ill.

Aurora Door Hanger & Specialty Co., Aurora, Ill.
 Automatic Door Catch Co. ("Perfect" & Automatic Screen Door), Harvey, Ill.
 Bradley & Farnham, Middlefield, Conn.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
 Burgess & Norton Mfg. Co. ("Bur-Nor," "American" Screen Door Catches), Geneva, Ill.
 Champion Hardware Co. (Also Elbow), Geneva, O.
 Cheney S. & Son (Barn), Manlius, N. Y.
 Corbin P. F., New Britain, Conn.
 Curtiss Geo. L. Co., Southington, Conn.
 Dent Hardware Co., Fullerton, Pa.
 Diehl Novelty Co. ("Diehl" Screen Door), Glenbeulah, Wis.
 Ellis Mfg. Co., Milldale, Conn.
 Forg Peters Mfg. Co., Somerville, Mass.
 Gaynor Mfg. Co., Bridgeport, Conn.
 Grand Rapids Brass Co. (Kitchen Cabinet Catches Only), Grand Rapids, Mich.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Hardware Supply Co. ("Frost's"), Grand Rapids, Mich.
 Lawrence Bros. (General), Sterling, Ill.
 McKinney Mfg. Co. (Door-Wrought Steel), N S, Pittsburgh, Pa.
 Miller J. W. Co., Lancaster, Pa.
 National Lock Co. (Cabinet), Rockford, Ill.
 Payson Mfg. Co. (Cupboard), 2918 W Jackson blvd, Chicago, Ill.
 Peck Hardware Mfg. Co., Berlin, Wis.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co. (Barn), Reading, Pa.
 Richards-Wilcox Mfg. Co. ("American," Screen Door & Automatic Door), Aurora, Ill.
 Russell & Erwin Mfg Co, New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Schofield & Co., Freeport, Ill.
 Sharon Hardware Mfg. Co. ("Sharon," All Steel, also for Screen & Storm Doors), Sharon, Pa.
 Shelby Spring Hinge Co. (Steel, Brass & Bronze, Polished), Shelby, O.
 Stearns E. C. & Co. (Barn Door), 450 Oneida, Syracuse, N. Y.
 Superior Door Catch Co., Superior, Wis.
 Taylor & Boggis Foundry Co., Cleveland, Ohio
 Wagner Mfg. Co. ("Wagner," Wheel), Cedar Falls, Ia.
 Watrous-Acme Mfg. Co. ("Watrous" with Positive Lock, Screen Door only), Des Moines, Ia.
 Weber-Knapp Co. (For Sideboards, etc), Jamestown, N. Y.
 Western Brass Mfg. Works, Marshall blvd. & W 21st, Chicago, Ill.
 Yale & Towne Mfg. Co. (Screen, etc), 9 E 40th, New York

Catches (Elbow)

See also Catches, Cupboard, Screen Door, etc.

2210—Catches (End Gate)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

2211—Catches (Safety, for Mine Hoists, Skips & Cages)

Plock A. F., Park bldg, Pittsburgh, Pa.

Catches (Screen Door)

See Catches, Cupboard, Screen Door, etc.

2212—Catches (Show Case)

Dent Hardware Co. (Spring), Fullerton, Pa.
 Peck, Stow & Wilcox Co., 46 W B'way, New York
 Reading Hardware Co., Reading, Pa.
 Sargent & Co., 94 Centre, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

2213— Catches (Transom)

See Catches, Cupboard, Screen Door, etc.
 Champion Hardware Co., Geneva, O.
 Dent Hardware Co., Fullerton, Pa.
 Ives H. B. Co., New Haven, Conn.
 Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Yale & Towne Mfg. Co., 9 E 40th, New York

2214— Catches (Window)

See Locks, Sash

2214a— Catenary Construction

ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J.; Works: Trenton & Roebing, N. J.
See adv index at end of book

2215— Cathetometers

Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.

2216— Caustic Soda

American Chemical Co. (Powdered), 6040 Carr, Cincinnati, O.
 Arnold Hoffman & Co., 55 Canal, Providence, R. I.
 Butterworth Judson Co., Av R, Newark, N. J.
 Castner Electrolytic Alkali Co., Niagara Falls, N. Y.
 Clark Fred. G. Co. (For Wholesale Trade Only), 1081 W 11th, Cleveland, O.
 Columbia Chemical Co., Barberton, O.
 Diamond Alkali Co., Wabash bldg, Pittsburgh, Pa.
 Fergusson Bros., 109 Chestnut, Phila., Pa.
 General Chemical Co., 25 Broad, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Hill's Edward Sons & Co. (Agts. Mich. Alkali Co.), 64 Wall, New York
 Hooker Electrochemical Co., 40 Wall, New York. Works: Niagara Falls, N. Y.
 Isco Chemical Co. ("Isco"), Niagara Falls, N. Y.
 Mathieson Alkali Works ("Eagle" & "Thistle" Brands, 70, 72, 74 & 76 per cent.), 53 Canal, Providence, R. I.
 Mechling Bros. Mfg. Co. (Powdered), Camden, N. J.
 Michigan Alkali Co., Ford bldg, Detroit, Mich.
 Myers E. Lye Co., 3d & Clard, St. Louis, Mo.
 Niagara Smelting Corp., Niagara Falls, N. Y.
 Partola Mfg. Co., 201 E 10th, New York
 Penn Chemical Works (Powdered & Crushed), 1332 Washington av, Phila., Pa.
 Penna Salt Mfg. Co., Widener bldg, Phila., Pa.
 Riker J. L. & D. S., 19 Cedar, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Solvay Process Co., Syracuse, N. Y., Hutchinson, Kan., & Detroit, Mich.
 Wiarda Jno. C. & Co. (Also Caustic Lye, etc.), 273 Greene, Brooklyn, N. Y.
 Wing & Evans (Selling Agent), 22 William, New York
 Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

2217—*Causticizing Apparatus

ZAREMBA CO., 710 Morgan bldg, Buffalo, N. Y. *See adv index at end of book*

2218—Ceilings (Marbleized Glass)

Denzi & Phillips, 24 Dey, New York
 Mansfield & Co., 229 West, New York

2219— Ceilings (Sheet Steel)

Acme Sheet Metal Co., Martins Ferry, O.
 American Metal Ceiling Co., 1529 Fulton, Brooklyn, N. Y.
 Berger Mfg. Co., Canton, O.

Bostwick C. G., Hartford, Conn.
 Brier Hill Steel Co., Youngstown, O.
 Brooklyn Metal Ceiling Co., 283-287 Greene av, Brooklyn, N. Y.
 Burton W. J. Co., Junction & Leavitt avs, Detroit, Mich.
 Canton Art Metal Co., Canton, O.
 Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
 Canton Steel Roofing Co., Canton, O.
 Carter Sheet Metal Co., Omaha, Neb.
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
 De Forest Sheet & Tin Plate Co., Niles, O.
 Delphos Mfg. Co. ("Nustyle"), First & Pierce, Delphos, O.
 Dickelman Mfg. Co., Forest, Ohio.
 Dominion Metal Products Co., Roanoke, Va.
 Dowman-Dozier Mfg. Co., Atlanta, Ga.
 Duluth Corrugating & Roofing Co., Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Eller Mfg. Co., Canton, O.
 Empire Iron & Steel Co., Niles, O.
 Florida Metal Products Co., Jacksonville, Fla.
 Foster Sheet Metal Co., Springfield, Ill.
 Frand M. J. & Co., Camden, N. J.
 Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
 Gara-McGinley Co., 23 S 17th, Phila., Pa.
 Garry Iron & Steel Co., Niles, O.
 Hopson W. C. Co., Grand Rapids, Mich.
 Indianapolis Corrugating Co., Indianapolis, Ind.
 International Steel & Iron Co., Evansville, Ind.
 Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
 Kanneberg Roofing & Ceiling Co., Canton, O.
 Keighley S. Metal Ceiling & Mfg. Co., 124 3d av, Pittsburgh, Pa.
 Kinnear & Gager Mfg. Co. (Metal Ceilings & Side Walls), Columbus, O.
 Klauer Mfg. Co., Dubuque, Ia.
 La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Mesker Geo. L. & Co., Evansville, Ind.
 Messenger & Parks Mfg. Co., Aurora, Ill.
 Milwaukee Corrugating Co. ("Invisible Joint"), Milwaukee, Wis.
 Moeschl-Edwards Corrugating Co., Covington, Ky.
 New England Steel Roofing Co., Worcester, Mass.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
 New York Metal Ceiling Co., 537-541 W 24th, New York
 Norman W. F. Sheet Metal Mfg. Co. ("Hi-Art"), Nevada, Mo.
 Northrop, Coburn & Dodge Co., 40 Cherry, New York

OHIO CORRUGATING CO.

WARREN, OHIO

Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
 Penn Metal Co. ("Penco"), 201 Devonshire, Boston, Mass.
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
 Reeves Mfg. Co., Dover, O.
 St. John & Barquist Co., Des Moines, Ia.
 St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
 Schoedinger F. O. ("Universal," "Lock Joint"), Columbus, O.
 Seattle Metal Ceiling Co., Seattle, Wash.
 Souther E. E. Iron Co., Kienlin & Hamburger av, St. Louis, Mo.
 Steel Roofing & Stamping Works (W. F. Hansen, Prop.), Des Moines, Ia.
 Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
 Tiffin Art Metal Co., 20 Broad, Tiffin, O.
 Trumbull Steel Co., Warren, O.

VALLEY CORNICE & SLATE CO. (Ltd.), Saginaw, Mich.
 Watson Jas. H. Co., Bradley, Ill.
 Wheeling Metal & Mfg. Co. (Light Diffuser), Wheeling, W. Va.
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

2220— Ceilings (Tile)

Gypsite Fireproofing Co. ("Gypsite"), 4th & Holden, Detroit, Mich.

2221— *Celakap

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

2222—Cellar Drainers (Automatic)

See also Drains, Floor

Braender Phillip, 315 4th av, New York
 Chicago Pump Co. ("Little Giant" Electric Cellar Drainer & Bilge Pump), 900 W Lake, Chicago, Ill.
 Douds Frank C. & Co. (& Valve Controlled "Douds"), New Castle, Pa.
 Dreher Ernest A. & Son, 42 Walnut, Newark, N. J.
 Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
 Erwin & Co. ("Perfection"), 2736 Cottage Grove av, Chicago, Ill.
 Hall Mfg. Co. (C. & A. Syphon), Harrison, N. J.
KEMP C. M. MFG. CO. ("Climax"), 405 E Oliver, Baltimore, Md.
 Lawler Regulator Co., 55 W Houston, New York
 Newark Brass Works, 22 Lawrence, Newark, N. J.
 Penberthy Injector Co., 346 Holden av, Detroit, Mich.
 Vaile-Kimes Co., Dayton, O.
 Wieben John Co., 2055 Lexington av, New York

2223— Cellar Window Sets

Diehl Novelty Co., Glenbeulah, Wis.
 Griffin Mfg. Co., Erie, Pa.
 Ives H. B. Co., New Haven, Conn.
 National Mfg. Co., Sterling, Ill.
 Sharon Hardware Mfg. Co. (Wrought Steel Fixtures), Sharon, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

2224— Cellars (Cyclone)

Harry Bros. Co. ("Harry's" Corrugated Galvanized Iron), Carr & I. C. R. R., New Orleans, La.

2225— Cells (Electrolytic)

Castner Electrolyte Alkali Co., Niagara Falls, N. Y.
 Electro Chemical Co., Dayton, O.
 Hooker Electrochemical Co., 40 Wall, New York
 Siemens & Halske A. G., 90 West, New York
 Warner Chemical Co., 52 Vanderbilt, New York

2226—Cells (Leaching or Diffusion Batteries)

Swenson Evaporator Co., 53 W Jackson blvd, Chicago, Ill.
ZAREMBA CO., 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

2227— Celluloid & Fiberloid

Celluloid Co. (Celluloid), 30 Washington pl, New York
 Fiberloid Co. (Fiberloid), Indian Orchard, Mass.

2228— Celluloid (Transparent)

Landers Bros. Co., Toledo, O.

2229—Cement Concrete Block Facing

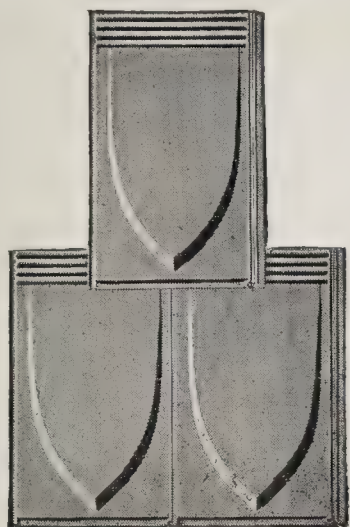
Ohio Marble Co. ("Pulva Alba"), Piqua, O.

2230— Cement Dealers

See Masons' & Builders' Materials

EDWARDS

METAL CEILINGS
METAL SHINGLES
METAL SPANISH TILE
"REO" CLUSTER SHINGLES
IRON AND STEEL ROOFING
PORTABLE BUILDINGS
METAL GARAGES
METAL LOCKERS
METAL SHELVING
ROLLING STEEL DOORS
FORGED STEEL TRUCKS, ETC.



**EDWARDS "QUEEN ANNE"
METAL SHINGLES**

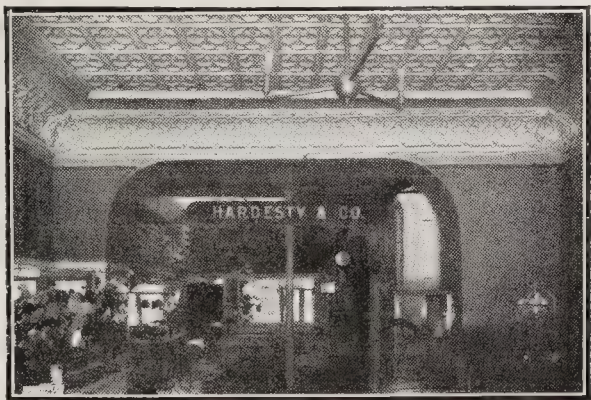
Size 10 x 14 inches. Made from best quality Terne plate. Furnished painted or "Tightcote" galvanized.



EDWARDS METAL SPANISH TILE

Made from best quality Terne plate furnished painted or "Tightcote" galvanized, size 10 x 14 inches.

We also manufacture a complete line of Metal Shingles made from same high grade material as our Spanish Tile. Samples and prices on request.



EDWARDS METAL CEILINGS

Easy to apply. Economical, durable, fireproof, waterproof, verminproof. Will last as long as the building.

We have over 300 beautiful designs to select from. Write for New Metal Ceiling catalog "H."

FORGED STEEL TRUCKS



Write for Prices

Used by the U. S. Government in Panama. One continuous piece "U" shape frame made of Angle Steel supports the wheels. Cross bars of Tee Steel. Quick detachable handles—reinforced with Angle Steel. Built for long service.



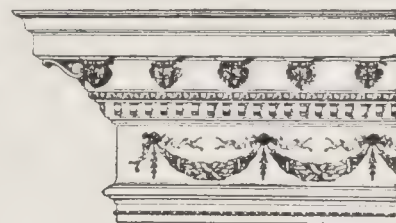
**EDWARDS
STEEL BUILDINGS**

Erected easily and quickly. Taken down just as readily and moved to any desired new location. Weather-proof, fireproof, time-proof. Wonderfully durable. Whatever the need—garage, booth, boathouse, office, storehouse, school, cottage, barn, hospital, or factory—there's an Edwards Steel Building for the purpose. Write today for descriptive literature and prices.

Our Large Catalog "H" Showing Complete Line,
Sent Free

THE EDWARDS MANUFACTURING CO.
545-565 EGGLESTON AVE.

The World's Largest Manufacturers of
Metal Ceilings, Metal Shingles, Metal Spanish Tile,
Metal Roofing, Sheet Metal Building Materials, etc.



**Galvanized Iron Cornices
Galvanized Metal Fronts**

Furnished in sections—easy to erect. Can furnish any design wanted.

Write for prices. Send specifications for estimate.



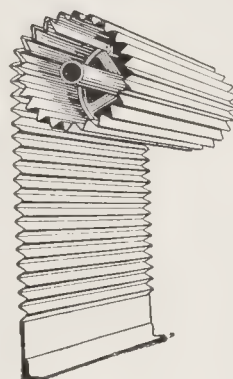
"SCOUT"

(Patented February 24, 1914)

**An Automatic Repeating
SAFE Paper Cap Pistol**

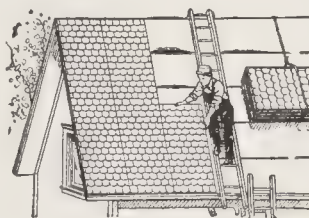
The only toy pistol on the market exploding caps on the inside. This patented feature removes the one objection to toy pistols.

Write for prices.



**Edwards
Rolling
Steel
Doors and
Shutters**

Black and Galvanized Corrugated and Interlocking All Gauges and Any Kind of Gear. Write for Prices.



**Application of Edwards
"Reo" Cluster Shingles
Painted or Galvanized**

These shingles are made of open hearth steel, in sheets 5 to 12 ft. long, 24 in. wide, look exactly like fine cut wood shingles, easy to put on, durable.

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ALPHABETICAL LIST

—OF—

**TRADE NAMES,
BRANDS, TITLES OF
IDENTIFICATION,
ETC.**

THIS LIST FURNISHES A READY REFERENCE
FOR PURCHASING AGENTS AND PROSPECTIVE
BUYERS TO DISTINCTIVE PRODUCTS MANU-
FACTURED BY FIRMS LISTED IN THIS WORK.

2230a—Cement Gun Sprayers

For applying a coating of cement to buildings, bridges and other structures, the hydration taking place at the nozzle.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

2231-4—Cement Importers

Alsen's American Portland Cement Works,
45 B'way, New York
Balfour, Guthrie & Co. ("Condor," "K. B.
& S.," "Anna" & "Falcon"), San Fran-
cisco, Cal.
Carolina Portland Cement Co., Charleston,
S. C.
Ebert Morris, 119 S 4th, Phila., Pa.
Fowler & McVitie, Galveston, Tex.
Gilbert C. M. & Co., Savannah, Ga.
Grace W. R. & Co. (German & Belgian),
332 Pine, San Francisco, Cal.
Hammill & Gillespie, 240 Front, New
York
Marquardt H. & Co. ("Stettiner S" &
"Germania"), 35 S William, New
York
Meyer Wilson & Co., 454 California, San
Francisco, Cal.
Mosle H & Co., Galveston, Tex.
Parr Wm. & Co., Galveston, Tex.
Thiele E., 11 Cliff, New York
Waldo Bros., 45 Batterymarch, Boston,
Mass.

2235-6—Cement Importers (Keene's)

See Cements, Keene's Imported

2237—Cement Mfrs.

All firms under this heading, unless
otherwise marked, manufacture "Port-
land" Cement. One Star (*) indicates
Hydraulic or Natural Cement Manu-
facturers. Two Stars (**) indicate
"Rosendale" Cement Manufacturers
Trade Names or titles of Identification
follow Names of firms in all cases
where we have been able to secure
them
For Cement Dealers, See Masons' & Build-
ers' Materials

ALABAMA.

BIRMINGHAM—*Southern Cement Co.
("Alabama" & "Magnolia" Brands)
Standard Portland Cement Co.
("Standard" Brand). Works:
Leeds, Ala.
LEEDS—Standard Portland Cement Co.
("Standard" Brand)
RAGLAND—Coosa Portland Cement Co.
("Coosa" Brand), (See Phila., Pa.)

CALIFORNIA.

CEMENT—Pacific Portland Cement Co.
("Golden Gate"). (See San Fran-
cisco)
COLTON—California Portland Cement Co.
("Colton" Brand). (See Los An-
geles)
COWELL—Cowell Portland Cement Co.
(See San Francisco, Cal.)
DAVENPORT—Santa Cruz Portland Ce-
ment Co. (See San Francisco,
Cal.)
HALLECK—Golden State Portland Cement
Co. (See Los Angeles)
LOS ANGELES—California Portland Ce-
ment Co. ("Colton" Brand).
Works: Colton, Cal.
*Golden State Portland Cement Co.
(Portland)
NAPA JUNCTION—Standard Portland Ce-
ment Corp'n ("Standard" Brand).
(See San Francisco)
RIVERSIDE—Riverside Portland Cement
Co. (See San Francisco, Cal.)
SAN FRANCISCO—Cowell Portland Ce-
ment Co. ("Mt. Diabol" Brand),
2 Market. Works: Cowell, Cal.
Old Mission Portland Cement Co., Mills
bldg
Pacific Portland Cement Co. ("Golden
Gate" Brand), Pacific bldg

Riverside Portland Cement ("River-
side" Brand), Mills bldg. Works:
Riverside, Cal.
Santa Cruz Portland Cement Co.
("Santa Cruz" Brand), Crocker
bldg. Works: Davenport, Cal.
Standard Portland Cement Corp'n
("Standard" Brand), Crocker bldg

COLORADO.

CONCRETE—United States Portland Ce-
ment Co. (See Denver, Colo.)
DENVER—Colorado Portland Cement Co.
("Pike's Peak" & "Ideal" Brand).
Works: Portland, Colo.
Three Folks Portland Cement Co.
("Red Devil" Brand)
United States Portland Cement Co.
("Concrete" Brand). Works: Con-
crete, Colo.
PORTLAND—Colorado Portland Cement
Co. (See Denver, Colo.)

GEORGIA.

ROCKMART—Southern States Portland
Cement Co. ("Southern States"
Brand)

ILLINOIS.

CHICAGO—Chicago Portland Cement Co.
("Chicago AA" Brand), 31 N La
Salle. Works: Oglesby, Ill.
De Smet Quartz Tile Co., 133 W Wash-
ington
Garden City Sand Co., Chamber of
Commerce bldg, Chicago, Ill.
German-American Portland Cement
Works, 140 S Dearborn
Marquette Cement Mfg. Co., 140 S
Dearborn
Universal Portland Cement Co. ("Uni-
versal" Portland), 208 S La Salle.
Works: So. Chicago, Ill.; Buffing-
ton, Ind., & Universal, Pa.
DIXON—Sandusky Cement Co. ("Me-
dusa" Brand), (See Cleveland, O.)
LA SALLE—German-American Portland
Cement Works ("Owl" Brand)
Marquette Cement Mfg. Co. ("Mar-
quette" Brand)
OGLESBY—Chicago Portland Cement Co.
(See Chicago, Ill.)
UTICA—*Utica Hydraulic Cement Co.

INDIANA.

MITCHELL—Lehigh Portland Cement Co.
("Lehigh" Brand). (See Allen-
town, Pa.)
SELLERSBURG—Louisville Cement Co.
(See Louisville, Ky.)
STROH—Wabash Portland Cement Co.
("Wabash" Brand). (See Detroit,
Mich.)
SYRACUSE—Sandusky Cement Co. ("Me-
dusa" Brand). (See Cleveland, O.)

IOWA.

DES MOINES—Hawkeye Portland Cement
Co. ("Hawkeye" Brand)
FORT DODGE—Fort Dodge Portland Ce-
ment Corp. ("Fort Dodge" Brand).
Works: Gilmore City
GILMORE CITY—Fort Dodge Portland
Cement Corp. (See Fort Dodge,
Ia.)
MASON CITY—Lehigh Portland Cement
Co. (See Allentown, Pa.)
Northwestern States Portland Cement
Co. ("Northwestern" Brand)

KANSAS.

ALTOONA—Altoona Cement Co.
BONNER SPRINGS—Bonner Portland Ce-
ment Co. ("Bonner" Brand)
CHANUTE—Ash Grove Lime & Portland
Cement Co. ("Ash Grove" Brand)
(See Kansas City, Mo.)
Chanute Cement Co. ("Chanute"
Brand)
FORT SCOTT—*Fort Scott Hydraulic Ce-
ment Co. ("Four Star" Brand,
Hydraulic)
FREDONIA—Fredonia Portland Cement
Co. ("Fredonia" Brand)
HUMBOLDT—Monarch Cement Co.
INDEPENDENCE—United Kansas Port-
land Cement Co. (See Iola)

Western States Portland Cement Co.
("Cowboy" Brand)
IOLA—Iola Portland Cement Co. ("Iola"
Brand)
MILDRED—Great Western Portland Ce-
ment Co. (See Kansas City, Mo.)

KENTUCKY.

KOSMOSDALE—Kosmos Portland Cement
Co. ("Kosmos" Brand)
LOUISVILLE—*Louisville Cement Co.
(Speed "Star" Brand, Hydraulic;
"Horseshoe" Brand, of Portland,
& "S. S." Brand). Works: Speeds,
Ind.; P. O. Sellersburg, Ind.)

MARYLAND.

Rockcastle Cement & Lime Co., Mun-
sey bldg. Works: Pine Hill, Ky.
Tidewater-Portland Cement Co., Cal-
vert bldg. Works: Union Bridge,
Md.
CUMBERLAND—*Cumberland Hydraulic
Cement & Mfg. Co. ("B. & H."
Brand, Hydraulic)
Cumberland Portland Cement Co.
HAGERSTOWN—Security Cement & Lime
Co. (Works: Security, Md.)
SECURITY—Security Cement & Lime Co.
(See Hagerstown, Md.)
UNION BRIDGE—Tidewater-Portland Ce-
ment Co. (See Baltimore)

MICHIGAN.

ALPENA—Huron Portland Cement Co.
(See Detroit, Mich.)
BELLEVUE—Burt Portland Cement Co.
("Burt" Brand)
CEMENT CITY—Peninsular Portland Ce-
ment Co. ("Peninsular" Brand)
(See Jackson)
CHELSEA—Michigan Portland Cement
Co. ("Michigan" Brand)
COLDWATER—Wolverine Portland Ce-
ment Co. ("Wolverine" Brand)
DETROIT—Aetna Portland Cement Co.
("Aetna")
Huron Portland Cement Co. ("Huron"
Brand), Ford bldg. Works: Al-
pena, Mich.
New Egyptian Portland Cement Co.
Wabash Portland Cement Co. ("Wa-
bash" Brand), Ford bldg. Works:
Stroh, Ind.
Wyandotte Portland Cement Co.
("Wyandotte" Brand), Ford bldg.
Works: Wyandotte, Mich.
GRAND RAPIDS—Newaygo Portland Ce-
ment Co. ("Newaygo" & "Gibral-
tar" Brands)
JACKSON—Peninsular Portland Cement
Co. ("Peninsular" Brand). Works:
Cement City, Mich.
NEWAYGO—Newaygo Portland Cement
Co. ("Newaygo" & "Gibraltar"
Brands) (See Grand Rapids,
Mich.)
QUINCY—Wolverine Portland Cement Co.
(See Coldwater, Mich.)
UNION CITY—Peerless Portland Cement
Co. ("Peerless" Brand)
WYANDOTTE—Wyandotte Portland Ce-
ment Co. ("Wyandotte" Brand)
(See Detroit, Mich.)

MINNESOTA.

MANKATO—Carney's Cement Co., Fowler
& Pay

MISSOURI.

CAPE GIRARDEAU—Cape Girardeau
Portland Cement Co. ("Eagle"
Brand)
KANSAS CITY—Ash Grove Lime & Port-
land Cement Co. ("Ash Grove"
Brand), 7th & Grand av Temple
Bonner Portland Cement Co., Victor
bldg
Choctow Portland Cement Co.
Dewey Portland Cement Co. ("Dewey"
Brand), Summit bldg. Works:
Dewey, Okla.
Great Western Portland Cement Co.
("G. W." Brand). Works: Mil-
dred, Kan.
ST. LOUIS—Continental Portland Cement
Co. ("Continental" Portland),
Wright bldg
Meramec Portland Cement & Material
Co., Syndicate Trust bldg

Union Sand & Material Co. ("Red Ring" & "K. & C." Brands), International Life bldg

MONTANA.

TRIDENT—Three Forks Portland Cement Co. (See Denver, Colo.)

NEBRASKA.

OMAHA—Nebraska Portland Cement Co.

NEW JERSEY.

ALPHA—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)

NEWARK—Bath Portland Cement Co., 31 Clinton. Works: Bath, Pa.

STEWARTSVILLE—Edison Portland Cement Co. ("Edison" Brand)

VULCANITE—(P. O. at Phillipsburg)—Vulcanite Portland Cement Co.; Main Office: Phila., Pa.

NEW YORK.

ALBANY—Helderberg Cement Co. ("Helderberg" Brand). Works: Howes Cave, N. Y.

ALSEN—Alsen's American Portland Cement Works ("Alsen" Brand). (See N. Y. City)

BINGHAMPTON—Atlas Coal & Supply Co.

CEMENTON—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)

Catskill Cement Co.

GLENS FALLS—Glens Falls Portland Cement Co. ("Iron Clad" Brand)

HOWES CAVE—Helderberg Cement Co. ("Helderberg" Brand). (See Albany, N. Y.)

HUDSON—Atlas Portland Cement Co. ("Atlas"). (See New York City)

Knickerbocker Portland Cement Co. (See N. Y. C.)

ITHACA—Cayuga Cement Corp. ("Cayuga" Brand). Works: Portland Point, N. Y.

JAMESVILLE—Millen Portland Cement Co.

NEW YORK.

Boroughs of Manhattan and Bronx.

NEW YORK—Alsen's American Portland Cement Works, 45 B'way

Atlas Portland Cement Co. ("Atlas" & "Atlas-White"), 30 Broad

**Consolidated Rosendale Cement Co. ("Brooklyn Bridge" Brand), 50 Church. Works: Binnewater, N.Y.

Cuban Portland Cement Co., 30 E 42d

Knickerbocker Portland Cement Co., 30 E 42d

Pennsylvania Cement Co. ("Pennsylvania" Brand), 30 E 42d. Works: Bath, Pa.

(End of New York City)

PORTLAND POINT—Cayuga Cement Corporation

OHIO.

BAY RIDGE—Sandusky Cement Co. (See Cleveland, O.)

CASTALIA—Castalia Portland Cement Co. ("Tiger" Brand) (See Pittsburgh, Pa.)

CINCINNATI—Superior Portland Cement Co. ("Superior"), Union Central bldg. Works: Superior, O.

CLEVELAND—Diamond Portland Cement Co. ("Diamond" Brand), 1313 Williamson. Works: Middle Branch, O.

Sandusky Cement Co. ("Medusa" Brand), Engineers bldg. Works: York, Pa.; Syracuse, Ind. & Dixon, Ill.

IRONTON—Ironton Portland Cement Co. ("Limestone" Brand)

LISBON—*Lisbon Cement Co. (Hydraulic)

*Ohio Cement Co. (Hydraulic)

MIDDLE BRANCH—Diamond Portland Cement Co. ("Diamond" Brand). (See Cleveland, O.)

SANDUSKY—Sandusky Cement Co. (See Cleveland, O.)

SUPERIOR—Superior Portland Cement Co. ("Superior" Brand), Br. Cincinnati, O.

OKLAHOMA.

ADA—Oklahoma Portland Cement Co. ("O. K." Brand)

DEWEY—Dewey Portland Cement Co. ("Dewey" Brand). (See Kansas City, Mo.)

HARTSHORNE—Choctow Portland Cement Co. (See Kansas City, Mo.)

OREGON.

OSWEGO—Oregon Portland Cement Co.

PORTLAND—Beaver Portland Cement Co. Works: Gold Hill, Ore.

PENNSYLVANIA.

ALLENTOWN—Allentown Portland Cement Co. ("Allentown"); Works: Evansville, Pa.

Lehigh Portland Cement Co. ("Lehigh" Brand). Works: Ormrod Pa.; West Coplay, Pa.; Fogelsville, Pa.; New Castle, Pa.; Mason City, Iowa; Metaline Falls, Wash.; Mitchell, Ind.; Oglesby, Ill. & Iola, Kans.

Penn-Allen Cement Co. ("Penn-Allen" Brand). Works: Nazareth, Pa.

Virginia Portland Cement Co. ("Old Dominion" Brand)

BATH—Bath Portland Cement Co. ("Bath" Brand) (See Newark, N. J.)

Pennsylvania Cement Co. ("Pennsylvania" Brand) (See New York City)

CEMENTON—Whitehall Cement Mfg. Co. ("Whitehall" Brand) (See Phila., Pa.)

COPLAY—Coplay Cement Mfg. Co. ("Saylor" Brand) (See Phila., Pa.)

EASTON—Alpha Portland Cement Co. ("Alpha" Brand). Works: Alpha, N. J.; Cementon, N. Y.; Mannheim, W. Va., & Martins Creek, Pa.

EGYPT—Giant Portland Cement Co. (See Phila., Pa.)

EVANSVILLE—Allentown Portland Cement Co. (See Allentown, Pa.)

MARTINS CREEK—Alpha Portland Cement Co. ("Alpha" Brand) (See Easton, Pa.)

NAZARETH—Dexter Portland Cement Co. ("Dexter" Brand)

Nazareth Cement Co. ("Nazareth" Brand)

Penn-Allen Cement Co. ("Penn-Allen" Brand)

*Phoenix Portland Cement Co. ("Phoenix" Portland)

NEW CASTLE—Lehigh Portland Cement Co. ("Lehigh" Brand) (See Allentown, Pa.)

NORTHAMPTON—Lawrence Portland Cement Co. ("Dragon" Brand)

PHILADELPHIA—Coosa Portland Cement Co., N Stock, Exchange bldg

Coplay Cement Mfg. Co. ("Saylor" Brand). Widener bldg. Works: Coplay, Pa.

*French Samuel H. & Co. ("French"), 4th & Callowhill

Giant Portland Cement Co. ("Giant"), Penna. bldg. Works: Egypt, Pa. & Norfolk, Va.

Vulcanite Portland Cement Co. ("Vulcanite" Brand), Land Title bldg; Works: Vulcanite, N. J.

Whitehall Cement Mfg. Co. ("Whitehall" Brand), Land Title bldg; Works: Clementon, Pa.

PITTSBURGH—Castalia Portland Cement Co. ("Tiger" Brand), Publication bldg. Works: Castalia, O.

SIEGFRIED—Lawrence Portland Cement Co. ("Dragon" Brand) (See Northampton, Pa.)

UNIVERSAL—Universal Portland Cement Co., Main Office, Chicago, Ill.

WAMPUM—Crescent Portland Cement Co. ("Crescent" Brand)

YORK—Sandusky Cement Co. ("Medusa" Brand) (See Cleveland, O.)

TENNESSEE.

CHATTANOOGA—Dixie Portland Cement Co.

Sloan & Co.

KINGSPORT—Cinchfield Portland Cement Corp.

NASHVILLE—*Tennessee Cement & Lime Co. (Hydraulic)

RICHARD CITY—Dixie Portland Cement Co. ("Royal" Brand) (See Chattanooga)

TEXAS.

CEMENT—Texas Portland Cement Co. ("Lone Star" Portland)

Trinity Portland Cement Co. ("Trinity" Brand)

DALLAS—Texas Portland Cement Co. ("Lone Star," Portland)

EL PASO—Southwestern Portland Cement Co. ("El Toro" Brand)

SAN ANTONIO—San Antonio Portland Cement Co. ("San Antonio" Brand)

UTAH.

DEVILS SLIDE—Union Portland Cement Co. (See Ogden, Utah)

OGDEN—Ogden Portland Cement Co. Works: Bakers, Utah

Union Portland Cement Co. ("Red Devil" Brand). Works: Devil Slide, Utah

SALT LAKE CITY—Portland Cement Co. (of Utah) ("Utah")

VIRGINIA.

FORDWICK—Virginia Portland Cement Co. ("Old Dominion" Brand). (See Allentown, Pa.)

NORFOLK—Giant Portland Cement Co. ("Giant" Brand) (See Phila., Pa.)

WASHINGTON.

ASOTIN—Idaho Portland Cement Works (See Spokane, Wash.)

CONCRETE—Superior Portland Cement Co. (See Seattle, Wash.)

Washington Portland Cement Co. ("Washington" Brand). (See Seattle, Wash.)

METALINE FALLS—Inland Portland Cement Co. (See Spokane)

SEATTLE—Olympia Portland Cement Co., Ltd.

Superior Portland Cement Co. ("Superior" Brand); Works: Concrete, Wash.

Washington Portland Cement Co. ("Washington" Brand). Works: Concrete, Wash.

SPOKANE—Idaho Portland Cement Works

Inland Portland Cement Co.

International Portland Cement Co.

WEST VIRGINIA.

MANHEIM—Alpha Portland Cement Co. (See Easton, Pa.)

2237a—*Cement. (Waterproof Household and Belt)

DU PONT CHEMICAL WORKS, 120 B'way, New York

2238—Cements (Acid)

Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.

Empire Tire & Rubber Corp. ("Empire" Tire Repair), East Trenton, N. J.

See adv index at end of book

Sittig J. W. (Imp), 5 Beekman, New York

2239—Cements (Asbestos)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.

See adv index at end of book

Armstrong Co. ("Tharco," "Dambal bait"), 124 Post av, Detroit, Mich.

Asbestos & Rubber Works of America, 58th & B'way, New York

Atlas Co. (For Boiler Coverings), Lincoln, N. J.

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.

Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.

Colebrook W. H. Sons ("Crown"), Syracuse, N. Y.

Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.

Franklin Mfg. Co. ("Franklin"), Franklin, Pa.

Gilmour R. M. Mfg. Co., 105 John, New York

Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York

Keasbey & Mattison Co. (Also Magnesite), Ambler, Pa.
 King J. B. & Co. ("Keene's Windsor"), 17 State, New York
 Norristown Magnesite & Asbestos Co., Norristown, Pa.
 Pecora Paint Co., 4th & P & R. R. R., Phila., Pa.
 Sall Mountain Co., 230 S La Salle, Chicago, Ill.
 Watson H. F. Co., Erie, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Williams Stove Lining Co., Taunton, Mass.

2240—Cements (Asphalt)

See also Asphalt Miners & Refiners
 Alcatraz Co., Inc., 3700 Williamsburg av, Richmond, Va.
 Atlas Co. (Roofing), Lincoln, N. J.
 Barber Asphalt Paving Co. ("Trinidad" Lake, "Bermudez" Lake), Land Title bldg, Phila., Pa.
 Byerly & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.
 Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.
 General Roofing Mfg. Co. ("Gilsonte"), Boatman's Bank bldg, St. Louis, Mo.
 Standard Oil Co. of Cal. ("Petro Elastic"), 200 Bush, San Francisco, Cal.
 Texas Co. ("Texaco" for Paving), Houston, Tex., & 17 Battery pl, New York
 Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg, St. Louis, Mo.
 Warren Bros. Co., 59 Temple pl, Boston, Mass.
 Watson H. F. Co., Erie, Pa.

2241—Cements (Automobile Radiator)

Northwestern Chemical Co. ("Se-Ment-Ol"), Marietta, O.

2242—Cements (Bakelite)

General Bakelite Co., 2 Rector, New York

2243—Cements (Belt)

See also Belt Dressing
 Akron Belting Co., Akron, O.
 Ambroid Company, 227 Miller av, Brooklyn, N. Y.
 Bradford Belting Co. ("Monarch"), 2d & Walnut, Cincinnati, O.
 Burr Oak Belting Co. ("Eternity"), 521 Livingston, Cincinnati, O.
 Callahan Geo. & Co., 218 Front, New York
 Chemical & Engineering Co. ("Red Dragon" Waterproof), Watertown, N. Y.
 Chicago Belting Co., 125 N Green, Chicago, Ill.
 Cook Barron C. Chemical Mfg. Co., Charlotte, N. C.
 Corliss Mfg. & Supply Co. ("C. C. C."), 1906 Olive, St. Louis, Mo.
 Druid Oak Belting Co. ("Primo," "Waterproof"), 111 E Lombard, Baltimore, Md.
 Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
 Ellert C. H., Evansville, Ind.
 Elwell B. F. Glue Co., Rockport, Mass.
 Graton & Knight Mfg. Co. ("Royal Worcester," "Neptune"), Worcester, Mass.
 Hudson Belting Co. ("American"; Also "Mermaid" Waterproof), 3 Eaton pl, Worcester, Mass.
 Jewell Belting Co., Hartford, Conn.
 Ladew E. R. Co. ("Hoyt's"), 54 Franklin, New York
 Lawrence Belting Co., 111 Chambers, New York
 New York Leather Belting Co. ("Victor"), 465 Kent av, Brooklyn, N. Y.
 Nott W. S. Co. ("Diamond"), 2d av N & 3d, Minneapolis, Minn.
 Page Belting Co., Concord, N. H.
 Raniville F. Co. ("Raniville Wateride," "Raniville's Leather-to-Metal"), Grand Rapids, Mich.
 Reed & Duecker ("R. & D.," "Hippo"), Memphis, Tenn.
 Rhoads J. E. & Sons ("Klingfast"), 12 N 3d, Phila., Pa.
 Russia Cement Co. ("Le Page's"), Gloucester, Mass.
 St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.

Schieren Chas. A. Co., 30 Ferry, New York
 Shultz Belting Co. ("Shultz"), Bismark & Barton, St. Louis, Mo.
 Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.
 Ulmer Leather Co., Norwich, Conn.
 Williams I. B. & Sons ("Cochecho"), Dover, N. H.

2244—Cements (Billiard Cue)

Ambroid Company, 227 Miller av, Brooklyn, N. Y.
 Elwell B. F. Glue Co., Rockport, Mass.
 Major Mfg. Co., 461 Pearl, New York
 Spinks Wm. A. & Co., 362 W Erie, Chicago, Ill.

2245-6—Cements (Caen Stone)

Cleveland Builders Supply Co. (Excelsior), Leader News bldg, Cleveland, Ohio
 King C. Volney ("Knickerbocker"), 517 West, New York
 Revis Wm. H. (Imp.), 1123 B'way, New York

Cements (Cast Steel Filler)

See Cements, Iron & Steel Filler

2247—Cements (Elastic)

Algonquin Slate Products Co., Worcester, Mass.
 Barrett Co., 17 Battery pl, New York
 Cartier M. N. & Sons Co., 289 Canal, Providence, R. I.
 Clark Cast Steel Cement Co. ("Clark"), Shelton, Conn.
 Colebrook W. H. Sons ("Crown"), Syracuse, N. Y.
 Connors Wm. Paint Mfg. Co. (Oil Roofing), Troy, N. Y.
 Doggett Stanley, 11 Cliff, New York
 Federal Process Co. ("Federal"), Cleveland, O.
 Goetze Gasket & Packing Co. ("Goetze"), South New Brunswick, N. J.
 Kuhls H. B. Fred (Elastic Trowel), 6413 3d av, Brooklyn, N. Y.
 Minwax Co. ("Minwax"), 18 E 41st, New York
 Pecora Paint Co. ("Weathertite"), 4th & P. & R. R. R., Phila., Pa.
 Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
 Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
 Tucker Mfg. Co., 17 E 137th, New York
 U. S. Graphite Co. (Graphite), Saginaw, Mich.
 U. S. Gutta Percha Paint Co. (For Chimneys, Roofs, etc.), 12-30 Dudley, Providence, R. I.
 Webster W. F. Cement Co., Cambridge, Mass.
 Wilhelm A. Co. (Aluminum), Reading, Pa.

2248—Cements (Fire Resisting)

Buckeye Products Co., Cincinnati, O.
 Howard Co. ("B," "C"), New Haven, Conn.
 Maurer Henry & Son, 420 E 23d, New York
 National Sales Co. (Imp.), 31 E 13th, Cincinnati, Ohio
 Ross W. A. & Bro. (Imp. "Puriwachos"), 11 S William, New York
 U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.

2249—Cements (Furnace & Stove)

See Cements, Asbestos; also Cements, Elastic; also Putty Manufacturers, Stovemakers
 Armstrong Co. ("Tharco" Asbestos), 124 Post av, Detroit, Mich.
 Buckeye Products Co., Cincinnati, O.
 Cambria Paint & Color Co. (Ltd.) ("Heracles"), Johnstown, Pa.
 Carey Philip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.
 Clinton Metallic Paint Co., Clinton, N. Y.
 Colebrook W. H. Sons ("Crown" Asbestos), Syracuse, N. Y.
 Connors Wm. Paint Mfg. Co. ("American Seal Asbestos"), New York
DIXON JOSEPH CRUCIBLE CO. (For Repairing Stove & Range Linings), Jersey City, N. J.
See adv index at end of book
 Howard Co., New Haven, Conn.

Johns H. W.-Manville Co., Madison av & 41st st, New York
 National Sales Co., 31 E 13th, Cincinnati, Ohio
 Otley Paint Mfg. Co. ("Eureka" for Jointing), 1742 N Winchester av, Chicago, Ill.
 Pecora Paint Co. (Asbestos), 4th & P. & R. R. R., Phila., Pa.
 Quigley Furnace Specialties Co. ("Hytemplate" for Furnaces), 26 Cortlandt, New York
 Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
 Tucker Mfg. Co., 17 E 137th, New York
 Wainwright Jno. C. A. (Dry), Spring City, Pa.
 Watson H. F. Co., Erie, Pa.
 Wilhelm A. Co., Reading, Pa.
 Williams Stove Lining Co. (Asbestos), Taunton, Mass.

2250—*Cements (Graphite)

DIXON JOSEPH CRUCIBLE CO. (For Repairing Incandescent Lamps), Jersey City, N. J. *See adv index at end of book*

Cements (Hydraulic)

See firms marked with a (*) under head of Cement Manufacturers

2251—Cements (Iron & Steel Filler)

Baizley John Iron Works ("Three Horses" Iron Cement), 514 S Delaware av, Phila., Pa.
 Benskin Mfg. Co. (Steel), Canton, O.
 Buckeye Products Co., Cincinnati, O.
 Clark Cast Steel Cement Co. ("Clark" Cast Steel for Blow Holes, etc.), Shelton, Conn.
 Doggett Stanley ("Fill-It"), 11 Cliff, New York
 Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
 Felton, Sibley & Co., 136 N 4th, Philadelphia, Pa.
 Johns H. W.-Manville Co. ("J.-M. Ferro"), Madison av & 41st New York
 Lawrence W. W. & Co. ("Lawrence" Iron Filler), Pittsburgh, Pa.
 Midvale Mining & Mfg. Co., Central National Bank bldg, St. Louis, Mo.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Otley Paint Mfg. Co. ("Eureka" Cast Iron Filler), 1742 N Winchester av, Chicago, Ill.
 Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.
 Reinhold Noflux Aluminum Solder Co., Newark, N. J.
 Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
 Shanafelt Mfg. Co. ("X-Cel-All"), Canton, O.
 Smooth-On Mfg. Co. ("Smooth-On"), 572 Communipaw av, Jersey City, N. J.
 Turner J. S. Mfg. Co. ("Hold Tight"), Lowell, Mass.
 U. S. Gutta Percha Paint Co. ("Rice's" Adamant for Blowholes in Castings, Leaks in Boilers, Piping, etc.), 12-30 Dudley, Providence, R. I.
 Wilhelm A. Co. ("Stick-to"), Reading, Pa.
2252—Cements (Keene's American)
 Acme Cement Plaster Co. ("Acme"), Frisco bldg, St. Louis, Mo.
 Best Brothers Keene's Cement Co., Medicine Lodge, Kansas
2253—Cements (Keene's Imported)
 Fleming & Co., 253 B'way, New York
 King J. B. & Co. ("J. B. White & Bros."), 17 State, New York
 Miller Clifford L. & Co. ("Victoria"), 110 E 23d, New York
 Revis Wm. H., 1123 B'way, New York
2254—Cements (Leather)
 Ambroid Company, 227 Miller av, B'klyn, N. Y.
 Major Mfg. Co., 461 Pearl, New York
 Wood & Hare, 66 Leonard, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

2255— Cements (Linoleum)

Ferdinand L. W. & Co. ("20th Century"),
154 Kneeland, Boston, Mass.
See adv index at end of book

LINOLEUM CEMENT.

L. W. Ferdinand & Co., 154 Kneeland
St., Boston, Mass., U. S. A.—Twentieth
Century Linoleum Glue-Cement for at-
taching linoleum to floors. Use Grade
A for attaching any kind of floor cov-
ering to any kind of floor.

Pulsifer, Kingston Co. ("Linogrip"), 19
Elliot, Boston, Mass.
Wild Joseph & Co., 366 5th av, New York

2256-7—Cements (Locomotive & Boiler Front)

Forster Paint & Mfg. Co., Winona, Minn.
Franklin Mfg. Co. ("Franklin"), Frank-
lin, Pa.
Frazer Paint Co. ("Frazer's" Non-Cor-
rosive), Hubbard & M. C. R. R., De-
troit, Mich.
Otley Paint Mfg. Co. ("Eureka Joint"),
1742 N Winchester av, Chicago, Ill.
Smooth-On Mfg. Co. ("Smooth-On"), 572
Communipaw av, Jersey City, N. J.
Wheeler Asahel Co. ("A-W" Steam
Joint), 58 High, Boston, Mass.

**2258—Cements (Non-Staining, Port-
land)**

Atlas Portland Cement Co. ("Atlas-
White"), 30 Broad, New York
Sandusky Cement Co. ("Medusa Brand"),
Sandusky, O.

2259— Cements (Paving)

Barrett Co. (Coal Tar), 17 Battery pl,
New York
Byerley & Sons ("Byerlyte"), 2489 W 4th,
Cleveland, O.
General Roofing Mfg. Co. (Asphalt), Boat-
man's Bank bldg, St. Louis, Mo.
Texas Co. ("Texaco"), 17 Battery pl, New
York
Warren Chemical & Mfg. Co., 17 Battery
pl, New York

2260-1— Cements (Pipe Joint)

See also Compounds, Pipe Joints
Adjusto Specialty Co., Springfield, Mass.
Algonquin Slate Products Co., Worcester,
Mass.
Arlington Mfg. Co., Canton, O.
Baker W. T. ("76 Paste," "Stopa Leak"),
224 Suydam av, Jersey City, N. J.
Beaton & Cadwell Mfg. Co. ("Jumbo"),
New Britain, Conn.
Bostwick J. R. & H. J. ("Anti-Leak"),
Clifton Springs, N. Y.
Buffalo Specialty Co., 375 Elliott, Buffalo,
N. Y.
Callahan Geo. & Co. ("Old Reliable"), 218
Front, New York
Clark Cast Steel Cement Co. ("Clark" Cast
Steel), Shelton, Conn.
Colebrook's W. H. Sons, Syracuse, N. Y.
Crane Co. (Est. 1855), 836 S Michigan,
Chicago, Ill.
For branch offices see adv index at end of book
Crookston Wm. H. & Bro., 2449 3d av,
New York
Dicks-Pontius Co., Dayton, O.
DIXON JOSEPH CRUCIBLE CO. (Plum-
bers, Steamfitters, etc.), Jersey City,
N. J. *See adv index at end of book*
Doggett Stanley ("Fill-It"), 11 Cliff, New
York
Eagle Paint & Varnish Co. ("Red Rust-
less Cement," Graphite Cement),
North Side, Pittsburgh, Pa.
Frazer Paint Co. ("Frazer's" Non-Cor-
rosive Pine Joint Paste), Hubbard &
M. C. R. R., Detroit, Mich.
Goetze Gasket & Packing Co. ("Goetze"),
South New Brunswick, N. J.
Hetzel J. G., 67 Main, Newark, N. J.
Hinds & Coon ("Coon"), 126 Pearl, Bos-
ton, Mass.

Johns H. W.-Manville Co. ("H.-O."), Mad-
ison av & 41st, New York
Marbleoid Co. ("Jointite"), 47 W 34th,
New York
Modern Iron Works ("Economy"), Quincy,
Ill.
Otley Paint Mfg. Co. ("Eureka" Steam
Joint, etc), 1742 N Winchester av,
Chicago, Ill.
Pacific Flush Tank Co. ("Jointite"), 4241
Ravenswood av, Chicago, Ill.
Prier Brass Mfg. Co. ("National"), Kan-
sas City, Mo.
Rutland Fire Clay Co. ("Rutland"), Rut-
land, Vt.
Smooth-On Mfg. Co. ("Smooth-On"), 572
Communipaw av, Jersey City, N. J.
Starbuck R. M. & Sons ("Securo"), Hart-
ford, Conn.
Stearns F. M. & Co. ("Elasko"), James-
town, N. Y.
Thread-Light Company, 288 Bowery, New
York
United States Graphite Co. (Mexican
Graphite), Saginaw, Mich.
Wheeler Asahel Co. ("A-W" for Steam),
58 High, Boston, Mass.
Whitlam J. C. Mfg. Co. ("Tyte-Unyte"),
Wadsworth, O.
Wilhelm A. Co., Reading, Pa.

Cements (Plumbers')

See also Cements, Pipe Joint

Cements (Portland)

See Cement Manufacturers
(Observe note immediately under the head-
ing relating to Portland Cement &
Hydraulic Cement)

2262— Cements (Retort)

Armstrong Co. ("Tharco Asbestos"), 124
Post av, Detroit, Mich.
Colebrook W. H. Sons ("Crown" Asbes-
tos), Syracuse, N. Y.
Franklin Mfg. Co. ("Franklin"), Franklin,
Pa.
National Sales Co. (Imp.), 31 E 18th,
Cincinnati, O.
Rutland Fire Clay Co. ("Rutland"), Rut-
land, Vt.

2263— Cements (Rivet)

Otley Paint Mfg. Co. ("Eureka"), 1742 N
Winchester av, Chicago, Ill.
Pecora Paint Co., 4th & P. & R. R.R.,
Phila., Pa.
Smooth-On Mfg. Co. ("Smooth-On"), 572
Communipaw av, Jersey City, N. J.
United States Graphite Co. (Mexican
Graphite), Saginaw, Mich.
U. S. Gutta Percha Paint Co. ("Rice's,"
for Hulls of Iron or Steel Vessels), 12-
30 Dudley, Providence, R. I.

2264— Cements (Roofing)

See also Cements, Asbestos
ALCATRAZ CO., INC. ("Blackat" & Semi-
Plastic), 3200 Williamsburgh av, Rich-
mond, Va.
Arlington Mfg. Co., Canton, O.
Armstrong Co. ("Tharco" Elastic), 124
Post av, Detroit, Mich.
Barber Asphalt Paving Co. ("Trinidad"
Lake Asphalt), Land Title bldg, Phila.,
Pa.
Barrett Co., 17 Battery pl, New York
Bayerson Oil Works, Erie, Pa.
Bostwick J. R. & H. J. ("Root & Barron"
Elastic), Clifton Springs, N. Y.
Briggs John & Co. ("Elastic," "Champion"
Brand), 45 Purchase, Boston, Mass.
Byerley & Sons ("Byerlyte"), 2489 W 4th,
Cleveland, O.
Callahan Geo. & Co., 218 Front, New York
Carey Philip Mfg. Co. ("Carey"), 330
Wayne av, Lockland, Cincinnati, O.
Cartier M. N. & Sons Co., 289 Canal, Provi-
dence, R. I.
Clinton Metallic Paint Co., Clinton, N. Y.
Coal Tar Product Co. ("Stag" Brand), 570
Smith, Brooklyn, N. Y.
Colebrook W. H. Sons ("Crown" Elastic),
Syracuse, N. Y.
Connors Wm. Paint Mfg. Co. ("American
Seal" Elastic Oil), Troy, N. Y.
Delevan Mfg. Co., 65 Delevan, Brooklyn,
N. Y.
Doggett Stanley, 11 Cliff, New York

Eagle Paint & Varnish Co. ("M. B. C."),
N. S. Pittsburgh, Pa.
Ehret Magnesia Mfg. Co., Land Title bldg,
Phila., Pa. Works: Valley Forge, Pa.
Federal Process Co. ("Federal" Elastic),
Cleveland, O.
French Samuel H. & Co., 4th & Callowhill,
Phila., Pa.
Garry Iron & Steel Co., Niles, O.
General Roofing Mfg. Co. (Asphalt), Boat-
man's Bank bldg, St. Louis, Mo.
Gibson-Homans Co., 2346 Woodhill rd,
Cleveland, O.
Glidden Varnish Co. (Liquid), 1755 W
Madison av, Cleveland, O.
Grote Geo. W. & Co., 430 E 102nd, New
York
Hascell Paint Co. ("Thermalite Plastic
Roofing"), W 70th, Cleveland, O.
Heppes-Nelson Roofing Co. ("No Tar,"
Liquid), 4500 Fillmore, Chicago, Ill.
Hetzel J. G., 67 Main, Newark, N. J.
Hydro Damp-Proofing & Engineering Co.,
Pittsburgh, Pa.
Johns H. W.-Manville Co., Madison av &
41st, New York
Jones Paint Co. ("Stopleak"), Rome, N. Y.
Klein Mfg. Co. ("Graphilatum"), Amer-
ican Trust bldg, Cleveland, O.
Lucas John & Co., 322 Race, Phila., Pa.
Maire Paint Co. (Maire's Roof Cement),
329 Boston block, Minneapolis, Minn.
Merchant & Evans Co., 2035 Washington
av, Phila., Pa.
See adv index at end of book
Monarch Paint Co. ("Seal-tite Plastic
Roofing"), W 70th, Cleveland, O.
National Roofing Co., Tonawanda, N. Y.
Niksah Snow Guard Co., 5 Mt. Pleasant,
Worcester, Mass.
Ohmlac Mfg. Co., 140 S Dearborn, Chi-
cago, Ill.
Patent Vulcanite Roofing Co. ("Vulcan-
ite"), 2256 W 49th, Chicago, Ill.
Pecora Paint Co., 4th & P. & R. R.R.,
Phila., Pa.
Republic Paint & Lead Works ("Wonder-
seal," "Plastic"), E 131st & Taft av,
Cleveland, Ohio
Richmond Bros., 117 E 6th, Cincinnati, O.
Rutland Fire Clay Co. ("Rutland"), Rut-
land, Vt.
Stowell Mfg. Co. (Asphalt), 240 Culver av,
Jersey City, N. J.
Thompson & Co. ("Waterseal"), 1111 Gal-
veston av, Pittsburgh, Pa.
Trinidad Asphalt Mfg. Co. ("Epure" Trin-
idad Asphalt), Title Guaranty Trust
bldg, St. Louis, Mo.
Tucker Mfg. Co., 17 E 137th, New York
United Roofing & Mfg. Co. ("Congo,"
"Congoxide"), Morris bldg, Phila., Pa.
U. S. Gutta Percha Paint Co., 12-30 Dud-
ley, Providence, R. I.
Victor Mfg. Co. ("Victor" Elastic), New-
buryport, Mass.
Walters Mfg. Co., Fulton bldg, Pittsburgh,
Pa.
Warren Chemical & Mfg. Co., 17 Battery
pl, New York
Watson H. F. Co., Erie, Pa.
Webster William F. Cement Co., Cam-
bridge, Mass.
Western Elaterite Roofing Co. ("Elate-
rite"), 841 Equitable bldg, Denver,
Colo.
Wilhelm A. Co. ("Royal"), Reading, Pa.
Woolsey C. A. Paint & Color Co., 500
Grand, Jersey City, N. J.

Cements (Rosendale)

*See firms marked thus ** under head of
Cement Manufacturers*

2265— Cements (Rubber)

See also Cements, Tire
Boston Belting Co., 84 Linden Park st,
Boston, Mass.
Braintree Rubber Cement Co., S. Brain-
tree, Mass.
Empire Tire & Rubber Corp., East Tren-
ton, N. J. *See adv index at end of book*
Essex Rubber Co., Trenton, N. J.
Faultless Rubber Co., Ashland, O.
Franklin Co. ("Franklin" Rubber Solu-
tion), Bound Brook, N. J.
Goodrich B. F. Co., Akron, O.
Goodyear Tire & Rubber Co., Akron, O.
M. & M. Mfg. Co., Akron, O.
Major Mfg. Co., 461 Pearl, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Mechanical Rubber Co. (Brush, Shoe, Steel,
etc), ft Lisbon rd, Cleveland, O.

Michelin Tire Co., Milltown, N. J.
 Miller Rubber Co., Akron, O.
 Mulconroy Co., 54th & Jefferson, Phila., Pa.
 National Cement & Rubber Co. ("High Pressure," "Red Cross," "Anchor" & "Pioneer"), Toledo, O.
 National India Rubber Co., Bristol, R. I.
 National Rubber & Specialties Co., Winton pl, Cincinnati, O.
 N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
 N. Y. Belting & Packing Co., 91 Chambers, New York
 Peerless Rubber Mfg. Co., 31 Warren, New York
 Pennsylvania Rubber Co., Jeannette, Pa.
 Rice & Dayton Mfg. Co., Cedar Falls, Ia.
 St. Louis Rubber Cement Co. ("Bestyet" Liquid & Hard "Standard"), 3046 Lambdin av, St. Louis, Mo.
 Scituate Mills, Greenbush, Mass.
 Thermoid Rubber Co., Trenton, N. J.
 Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.
 Wood Geo. H. Corp., 146 Summer, Boston, Mass.

Cements (Stainless Portland)

See Cements, Non-Staining, Portland

2266—Cements (Stone & Emery)

Pittsburgh Crushed Steel Co., 61st & A. V R. R., Pittsburgh, Pa.

Cements (Stove)

See Cements, Furnace & Stove; also Putty Manufacturers, Stovemakers'

2267—Cements (Tire)

See also Cements, Rubber

American Tire & Rubber Co. ("Five-Minute-Cure"), Akron, O.
 Firestone Tire & Rubber Co. ("Firestone"), Akron, O.
 Fisk Rubber Co., Chicopee Falls, Mass.
 Goodrich B. F. Co. ("Goodrich"), Akron, O.
 Hartford Rubber Works Co., Hartford, Conn.
 M. & M. Mfg. Co. ("M. & M."), Akron, O.
 Michelin Tire Co. ("Mastic"), Milltown, N. J.
 National Cement & Rubber Co. ("High Pressure," "Pioneer," "Red Cross," "Anchor," "Auto Rubber" & "Auto Tire"), Toledo, O.
 Tingley Chas. O. & Co., Rahway, N. J.

2268—Cements (White, for Mortar)

Higginson Mfg. Co. ("Higginson," for Plastering & Finishing Walls), Newburgh, N. Y.

2269—Cements (White Portland)

See also Cement Manufacturers; also Cements, Stainless Portland

Atlas Portland Cement Co. ("Atlas-White" Non-Staining), 30 Broad, New York
 Sandusky Cement Co. ("Medusa"), Engineers bldg, Cleveland, O.

2270—Cemetery Care Stakes & Markers

QUADRIGA MFG. & SPECIALTY CO.
 (Bronze), 213 W Grand av, Chicago, Ill. See adv index at end of book

2271—Cemetery Railings

Barnum E. T. (Wire & Iron Wks, 864 Woodward, Detroit, Mich.
 Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
 Cabaret Paul E. & Co., 126 11th av, New York
 Champion Iron Co., Kenton, O.
 Dufur & Co., 311 N Howard, Baltimore, Md.
 Enterprise Iron Works, Indianapolis, Ind.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. See adv index at end of book
 Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron), 20 Exchange pl, New York
 Hoosier Fence Co. (Ornamental Steel Wire) Frankton, Ind.

Jackson Wm. H. Company, 2 W 47th, New York
 McLean Jno., 440 Water, New York
 Manhattan Brass Co., 333 E 26th, New York
 Mast, Foos & Co., Springfield, O.
 Meyers Fred. J. Mfg. Co., Hamilton, O.
 See adv index at end of book
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
 See adv index at end of book
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
 See adv index at end of book
 Stewart Iron Works Co., Covington, Ky.

2272—Centering (Steel)

Blaw Steel Construction Co. (Collapsible), Hoboken, Pa.
 Cement Tile Machinery Co. ("S. & S." Collapsible Culvert), Waterloo, Iowa
 Concrete Form & Engine Co. (Collapsible Forms), Detroit, Mich.
 Deslauriers Column Mould Co. (Corrugated for Floor Slabs of Reinforced Concrete), 311 Chestnut, St. Paul, Minn.
 Hartford Construction Co. ("O'Connor" Collapsible), Hartford, Conn.
 Illinois Concrete Machine Co., Buda, Ill.
 Jones W. B. Boiler Co., Streator, Ill.
 Minneapolis Steel & Machy. Co., 29th & Drexel, Minneapolis, Minn.
 Northwestern Steel & Iron Works (Sewer & Culvert Forms), Eau Claire, Wis.
 Ransome Concrete Machinery Co., Dunellen, N. J.
 Reinforced Concrete Co. ("Reco" Continuous Patent Centering), 3830 Market, St. Louis, Mo.

2273—Centers (Bench)

Brown & Sharpe Mfg. Co., Promenade, Providence, R. I.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Wells F. E. & Son Co., Greenfield, Mass.

2274—Centers (Car Wheel)

Commonwealth Steel Co. (Open Hearth Locomotive Driving Wheel Centres), Pierce bldg, St. Louis, Mo.
 New York Switch & Crossing Co. (Hard Steel), Hoboken, N. J.
 Pittsburgh Equipment Co. (Open-Hearth Steel Locomotive Wheel Centers & Frames), House bldg, Pittsburgh, Pa.
 Pittsburgh Steel Foundry (Open Hearth Steel Locomotive Wheel Center & Frames), House bldg, Pittsburgh, Pa.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Scullin Steel Co. (Driving Wheel Centres), 6700 Manchester av, St. Louis, Mo.
 Standard Steel Works, Morris bldg, Phila., Pa.
 Taylor Electric Truck Co. ("Taylor" Malleable), Troy, N. Y.
 Union Steel Casting Co. (Locomotive Driving Wheel Centers & Frames), Pittsburgh, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

2275—Centers (Cross Strap)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

2276—Centers (Index)

Bickford Machine Co., Greenfield, Mass.
 Brown & Sharpe Mfg. Co., Promenade, Providence, R. I.
 Carter & Hakes Machine Co. (Plain & Half Universal), Winsted, Conn.
 Cincinnati Milling Machine Co., Columbia rd & South, Cincinnati, O.
 Dickow Fred. C. ("Universal"), 33 S Desplaines, Chicago, Ill.
 Garvin Machine Co., 147 Varick, New York
 Kempsmith Mfg. Co., West Allis, Wis.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pratt & Whitney Co., Hartford, Conn.
 Stockbridge Machine Co., Worcester, Mass.

2277—Centers (Lathe)

STARK TOOL CO., Waltham, Mass.
 See adv index at end of book

Centers (Locomotive Driving Wheel)

See Centers, Car Wheel

2278—Centers (Neck Yoke)

Adams E. B. & Son ("Adams" "Safety"), Racine, Wis.
 Conn, A. H. ("Mountaineer," "Little Giant"), Cedar Rapids, Ia.
 Covert Saddlery Works, Interlaken, N. Y.
 Fernald Mfg. Co. (Adjustable), North East, Pa.
 Gillette W. H. Mfg. Co., Louisville, Ky.
 Imperial Bit & Snap Co., Racine, Wis.
 Littleford Bros., 444 E Pearl, Cincinnati, O.
 National Neck Yoke Co. ("Pearson," "National," "Rock Island," "Shuman"), Rock Island, Ill.
 Pioneer Pole & Shaft Co. ("Acme"), Piqua, O.
 Racine General Mfg. Co. ("Honest John"), Racine, Wis.
 Reno Mfg. Co., Erie, Pa.
 Studebaker Corp., South Bend, Ind.
 Walton Neckyoke Centre Co., Gallatin, Mo.

2279—Centers (Planer)

Cincinnati Planer Co., Cincinnati, O.
 See adv index at end of book
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Niles-Bement-Pond Co., 111 B'way, New York
 Woodward & Powell Planer Co., Worcester, Mass.

2280—Centers (Sash & Transom)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
 Auer John Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.
 Corbin P. & F., New Britain, Conn.
 Driver C. H. & Kerr Co. (For Wood Sash), Racine, Wis.
 Michigan Engine Valve Co. ("Howarth" Reversible), 115 Columbia W Detroit, Mich.
 Norwalk Lock Co., South Norwalk, Conn.
 Payson Mfg. Co. (Sash), 2918 W Jackson blvd, Chicago, Ill.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Stearns E. C. Co., 450 Oneida, Syracuse, N. Y.
 Wrightsville Hardware Co., Wrightsville, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York

2281—Centers (Shaper)

Fay & Scott, Dexter, Me.
 Gould & Eberhardt, 111 N. J. R. R. av, Newark, N. J.
 Hendey Machine Co. ("Hendey"), Torrington, Conn.

2282—Centrifugals

See also Hydro-Extractors

American Tool & Machine Co. ("Weston," Belt Driven, Patent Water Driven & Patent Direct Connected Electrically Driven for Sugar & Chemicals, also for Laboratory or Experimental Use), 10 High, Boston, Mass.
 Braun Electric Mfg. Co. ("Braun"), Canal, Dover, O.
 International Equipment Co., 352 Western av, Boston, Mass.
 Linstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
 Remmers B. & Sons (Special, for Starch & Chemical Factories), 1227 Germantown, Phila., Pa.
 Schaum & Uhlinger (Laboratory & By Products), 2d & Glenwood av, Phila., Pa.
 Tolhurst Machine Works, Troy, N. Y.

2283—Centrifugals (Nitrating)

Schaum & Uhlinger, 2d & Glenwood av, Phila., Pa.
 Sittig J. W. (Imported), (For Chemical Plants, etc), 5 Beekman, New York
 Tolhurst Machine Works, Troy, N. Y.

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2284—Centrifugals & Mixers (Sugar)

American Laundry Machinery Co. (Centrifugals), 1800 N Spaulding av, Chicago, Ill.
American Tool & Machine Co. ("Weston" Centrifugals), 10 High, Boston, Mass.
Blymyer Iron Works Co. ("Triumph" with Hand Power Jack), Spring Grove av & Township, Cincinnati, O.
Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
Cresson-Morris Co. ("Morris-Weston"), Allegheny & 18th, Phila., Pa.
Deeley Robt. & Co. (Sugar), 29 B'way, New York
D'Olier Centrifugal Pump & Machinery Co., 1421 Chestnut, Phila., Pa.
Hepworth S. S. Co. ("Mackintosh" Ball Bearing), 2 Rector, New York
Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.
Murphy John H., 643 Magazine, New Orleans, La.
Pusey & Jones Co., ft of Poplar, Wilmington, Del.
Squire Geo. L. Mfg. Co., Buffalo, N. Y.
Stearns-Roger Mfg. Co., Denver, Colo.
Tolhurst Machine Works (Sugar Centrifugals Only), Troy, N. Y.
Wayte W. J., Inc. (Imp), 1 Liberty, New York

2285—Ceresine Importers

Bromund E. A. Co., 356 W B'way, New York
General Chemical Co., 25 Broad, New York
Scheel, Wm. H., 159 Maiden la, New York
Schliemann's Oil & Ceresine Co., 25 Beaver, New York
Smith & Nichols, 121 Maiden la, New York

Salomon L. A. & Bro., 216 Pearl, New York

Strahl & Pitsch, 141 Front, New York

2286—Cesspools

See also Drains, Floor

Advance Mfg. Co., Erie, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Barber Mfg. Co., Ashtabula, O.
Barnes Mfg. Co., Mansfield, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co. (Also Miscellaneous Accessories), 90 West, New York
Columbia Sanitary Mfg. Co., Louisville, Ky.
Crestline Mfg. Co. (Cast Iron), Crestline, O.
Essex Foundry, Murray, Newark, N. J.
Estabrook's R. Sons ("Estabrook" Deep Seal), 202 1st, Boston, Mass.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Foote J. B. Foundry Co., Fredericktown, O.
Frantz Mfg. Co. (Cast Iron), Sterling, Ill.
Fries & Co. (Brass), 91 Main, Buffalo, N. Y.
Glenn Fred. E. (Bell Trap, etc), St. Charles, Ill.
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.
Kokomo Brass Works (Brass Threaded), Kokomo, Ind.
Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
McDonald Foundry, Columbus, O.
Madison Foundry Co. ("Acme"), 935 Addison rd N E, Cleveland, O.
Modern Iron Works (With Ball Traps, etc), Quincy, Ill.
Morris Iron & Steel Co., Frederick, Md.
Peck Bros. & Co., New Haven, Conn.
Rundle Mfg. Co. (Bell Trap), 27th & Wahl, Milwaukee, Wis.
Sanitary Cesspool Co. (Sanitary), 333 S 20th, Phila., Pa.
Steiger & Kerr Stove & Foundry Co., Folsom & 18th, San Francisco, Cal.

Sterling Foundry Co. ("Best"), Sterling, Ill.

Storch & Co. ("S. & S." Caulkable), 1102 Wolf, Phila., Pa.

Swett A. L. Iron Works, Medina, N. Y.

Union Metal Works, Chelsea, Mass.

Watertite Drain & Scupper Co. ("Anticlog"), 351 Lex. av, New York

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2287—Chain Links & Chain Punched

Alloy Steel Forging Co., Carnegie, Pa.

Bethlehem Steel Co., So. Bethlehem, Pa.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hendryx Andrew B. Co. (Chain Links), New Haven, Conn.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry., Phila., Pa.

See adv index at end of book

McKay Jas. Co., Pittsburgh, Pa.

Morgan Spring Co. (Chain Links), Worcester, Mass.

Morse Chain Co., Ithaca, N. Y.

New Castle Steel & Iron Co., Pittsburgh, Pa.

New Jersey Foundry & Machine Co., 89 West, New York

Pawtucket Mfg. Co., Pawtucket, R. I.

Rhode Island Tool Co., Providence, R. I.

Smith Thos. Co., Worcester, Mass.

Transue & Williams Steel Forging Corp. (Drop Forged Chain Links), Alliance, O.

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READING CHAIN BLOCK CO., Reading, Pa.
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
Weimer Chain & Iron Co., Lebanon, Pa.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2289— Chain Stays

American Brass & Copper Co., 138 Lafayette, New York
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
DuBois F. N. & Co., 247 9th av, N. Y.
Frost Mfg. Co., Kenosha, Wis.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Haydenville Co., Haydenville, Mass.
Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Mott J. L. Iron Works, 118 5th av, New York
Newhall Chain, Forge & Iron Co., 89 West, New York
Paragon Brass Mfg. Co., 1221 Superior, Cleveland, O.
Peck Bros. & Co., New Haven, Conn.
Reid R. W., 272 Kent av, Brooklyn, N. Y.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Waterbury Mfg. Co., Waterbury, Conn.
Wolff L. Mfg. Co., 601 W Yake, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
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2290— Chains (Agricultural)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Carr J. B. Co., Troy, N. Y.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co. ("Samson" & "Bull Dog" Weldless Wire), 3924 Cooper av, Cleveland, Ohio
COLUMBUS CHAIN CO., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Morse Chain Co., Ithaca, N. Y.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Webster Mfg. Co., Tiffin, O.
White Hill Chain Wks., Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2291— Chains (Aluminum)

Bridgeport Chain Co., Bridgeport, Conn.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.

2291a— *Chains (Anchor)

Columbus Chain Co. (Close & Stud Link), Columbus, O.
See adv index at end of book

2292— Chains (Anti-Skid)

American Chain Co. ("Weed"), Logan, nr. Conn. av, Bridgeport, Conn.
Cleveland Chain & Mfg. Co., 7625 B'way, S. E., Cleveland, O.
Cleveland Galvanizing Works Co. ("Samson"), 3924 Cooper av, Cleveland, O.
Leather Tire Goods Co., Niagara Falls, N. Y.
Unit Chain Co., Lippincott bldg., Phila., Pa.

2293—Chains (Anti-Spreader)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E. Cooper av & Penna. R. R., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
Newhall Chain, Forge & Iron Co., 89 West, New York
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2294—Chains (Arc Lamp Suspension)

American Chain Co., Bridgeport, Conn.

2295— Chains (Automobile)

See Chains, Power Transmission

2296—Chains (Automobile Tire)

See Chains Anti-Skid

2297— *Chains (Awning)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

2298— Chains (Band)

Keuffel & Esser, Hoboken, N. J.

2299— Chains (Bead)

Anylite Electric Regulator Co. (Brass Pull), Fort Wayne, Ind.
Bead Chain Mfg. Co., Bridgeport, Conn.

2300— Chains (Bicycle)

Baldwin Chain Mfg. Co. (Block), Worcester, Mass.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Morse Chain Co., Ithaca, N. Y.
Whitney Mfg. Co., Hartford, Conn.

2301— Chains (Binder)

See also Chains, Log

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2302— *Chains (Bit)

WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2303— Chains (Block)

American Chain Co., Bridgeport, Conn.
Baldwin Chain & Mfg. Co., Worcester, Mass.
Columbus Chain Co., Columbus, O.
See adv index at end of book

Diamond Chain & Mfg. Co., Indianapolis, Ind.

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Monongahela Iron & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Morse Chain Co., Ithaca, N. Y.
Newhall Chain, Forge & Iron Co., 89 West, New York
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
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2304— Chains (Brake)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Columbus Chain Co., Columbus, O.
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Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round David & Son, Cleveland, O.
Steel Car Forge Co., Frick bldg, Pittsburgh, Pa. Works: Ellwood City, Pa.
Taylor Electric Truck Co., Troy, N. Y.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Samuel, Cleveland, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thos. Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2305— Chains (Brass)

Bliss A. H. & Co. (Small), North Attleboro, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Hale Bros. Co., Worcester, Mass.
Hungerford U. T. Brass & Copper Co. (Mfrs.' Agents), 80 Lafayette, New York
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Smith & Egge Mfg. Co. (Cable), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corp., Waterbury, Conn.

2306— Chains (Breast)

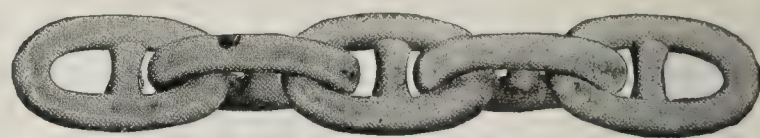
See also Chains, Coil

American Chain Co., Bridgeport, Conn.
Columbus Chain Co., Columbus, O.
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Covert Mfg. Co. ("Yankee" New Patent), Troy, N. Y.
Covert Saddlery Works (Adjustable), Interlaken, N. Y.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Mundorf Chain Works, York, Pa.
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
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2308— Chains (Bull)

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Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
LINK-BELT CO. ("Howe"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
WOODHOUSE WM. CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2309—Chains (Cable & Marine)

American Chain Co., Bridgeport, Conn.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr J. B. Co., Troy, N. Y.
COLUMBUS CHAIN CO. (Close & Stud Link), Columbus, O.
See adv index at end of book
HAYDEN-CORBETT CHAIN CO. (Close & Stud Link), Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co. (Closed & Stud Link), Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
Monongahela Iron & Steel Co. ("Carter" Ball Bearing), Farmers' Bank bldg, Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nixdorff-Krein Mfg. Co., St. Louis, Mo.
Round David & Son, Cleveland, O.
Smith & Egge Mfg. Co. (Cable), Bridgeport, Conn.
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Sam'l, Cleveland, O.
WOODHOUSE WM. CHAIN WORKS,
Trenton, N. J.
See adv index at end of book
Wyatt Thos. Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2310— Chains (Car Fender)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Newhall Chain, Forge & Iron Co., 89 West, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
WOODHOUSE WM. CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2311— Chains (Car Haul)

Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

Jeffrey Mfg. Co., 961 N Fourth, Columbus, Ohio
See adv index at end of book

LINK-BELT COMPANY (Steel), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Stephens-Adamson Mfg. Co. ("S-A" Steel), Aurora, Ill.

White Hill Chain Works, Fieldsboro, N. J.

2312— Chains (Chandelier)

American Chain Co., Bridgeport, Conn.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Dallas A. C. & Son, 223 N Jefferson, Chicago, Ill.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
National Chain Co. (Brass & Steel), College Point, L. I., N. Y.
Plume & Atwood Mfg. Co., Waterbury Conn.
Riess Light & Fixture Co., 415 Main, Cincinnati, O.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Viriden Mfg. Co., Ashland rd & Longfellow, Cleveland, O.
White Jos. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.

2313— Chains (Coil)

American Chain Co., Bridgeport, Conn.
Bradlee & Co., 726 Richmond, Phila., Pa.
Bridgeport Chain Co. ("Triumph," "Brown," "Perfection"), Bridgeport Conn.
Cleveland Galvanizing Works Co. ("Samson," "Bull Dog"), 3924 Cooper av, N E, Cleveland, O.
Cleveland Wire Goods Co. ("Tenso"), Cleveland, O.
COLUMBUS CHAIN CO. ("Common Proof," "B.B.," "B.B.B."), Columbus, O.
See adv index at end of book
Diamond Chain Co., York, Pa.
Gerdes & Co., 42 Church, New York
See adv index at end of book
HAYDEN-CORBETT CHAIN COMPANY ("Proof," "BB," "BBB"), Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas Co., Pittsburgh, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Monongahela Iron & Steel Co., Farmers Bank bldg, Pittsburgh, Pa.
Mundorf Chain Works, York, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Klein Mfg. Co., St. Louis, Mo.
Oneida Chain Co., Oneida, N. Y.
Round D. & Son, Cleveland, O.

Steel Car Forge Co., Frick bldg, Pittsburgh, Pa.

Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.

White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2314— *Chains (Contractors')

Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
WOODHOUSE WM. CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2315— Chains (Conveyor)

See also Belting, Chain or Link
American Chain Co., Bridgeport, Conn.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Alloy Steel Forging Co., Carnegie, Pa.
BARTLETT C. O. & SNOW CO. (Malleable Drop Forged), French st, Cleveland, O. *See adv index at end of book*
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
COLUMBUS CHAIN CO. (Long Link Sprocket or Log-Haul-Up), Columbus, O. *See adv index at end of book*
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*

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Detachable Link Chain—
for general service.



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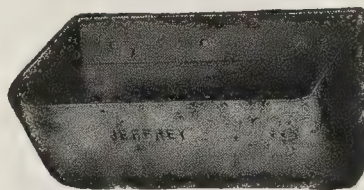
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See List of Agents in Alphabetical Index, end of Book

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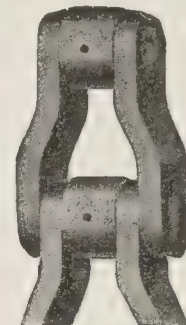
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JEFFREY MFG. CO., 961 N. Fourth, Columbus, Ohio

See adv index at end of book

Jones & Laughlin Steel Co. (Link), Ross, Pittsburgh, Pa.

Krein Mfg. Co., Wapakoneta, O.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

Locke Steel Belt Co., Bridgeport, Conn.

McKay Jas. Co., Pittsburgh, Pa.

Michigan Sprocket Chain Co., Delray, Detroit, Mich.

Muse & Gottfried Co., 660 Mission, San Francisco, Cal.

Newhall Chain, Forge & Iron Co., 89 West, New York

Rivetless Chain & Engng. Co. (Steel), Avon, Pa.

Smith Thos. Co. (Ice Elevator), Worcester, Mass.

Stephens-Adamson Mfg. Co. (Steel), Aurora, Ill.

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

Union Chain & Mfg. Co. (Steel), Seville, O.

Union Malleable Iron Co., East Moline, Ill.

Webster Mfg. Co., Tiffin, O.

Weimer Chain & Iron Co., Lebanon, Pa.

White Hill Chain Works, Fieldsboro, N. J.

Wilmut Engineering Co. ("Keystone" Rivetless), Hazleton, Pa.

WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.

See adv index at end of book

2316— Chains (Copper)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.

2317— Chains (Cow Tie)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Cleveland Wire Goods Co. ("Tenso"), Cleveland, O.

Columbus Chain Co., Columbus, O.

See adv index at end of book

Krein Mfg. Co., Wapakoneta, O.

McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.

Mundorf Chain Works, York, Pa.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Newhall Chain, Forge & Iron Co., 89 West, New York

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

Nixdorff-Krein Mfg. Co., St. Louis, Mo.

WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.

See adv index at end of book

2318— Chains (Crane)

American Chain Co., Bridgeport, Conn.

Bradlee & Co. ("D. B. G."), 726 Richmond, Phila., Pa.

Carr J. B. Co., Troy, N. Y.

Columbus Chain Co. ("CC"), Columbus, O.

See adv index at end of book

Gerdes & Co., 42 Church, New York

See adv index at end of book

HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

Krein Mfg. Co., Wapakoneta, O.

McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Newhall Chain, Forge & Iron Co., 89 West, New York

Nicholson & Co., Rankin, Pa.

Round D. & Son (1/8 to 2 1/2 inch), Cleveland, O.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.

Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.

White Hill Chain Works, Fieldsboro, N. J.

Woodhouse Sam'l. Cleveland, O.

WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.

See adv index at end of book

Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2319—Chains (Detachable Sprocket Wheel)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Grant Gear Works, 151 Pearl, Boston, Mass.

See adv index at end of book

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

2320—Chains (Differential Pulley Block)

Columbus Chain Co., Columbus, O.

See adv index at end of book

Hayden-Corbett Chain Co., Columbus, O.

See adv index at end of book

Krein Mfg. Co., Wapakoneta, O.

McKay Jas. Co., Pittsburgh, Pa.

Newhall Chain, Forge & Iron Co., 89 West, New York

Round D. & Son, Cleveland, O.

White Hill Chain Works, Fieldsboro, N. J.

Woodhouse, Samuel, Cleveland, O.

WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.

See adv index at end of book

2321— Chains (Dog Lead)

American Chain Co., Bridgeport, Conn.

Bridgeport Chain Co. ("Triumph" & "Brown"), Bridgeport, Conn.

Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.

Cleveland Galvanizing Works Co. ("Bull Dog"), 3924 Cooper av, Cleveland, O.

Cleveland Wire Goods Co. ("Tenso"), Cleveland, O.

Columbus Chain Co., Columbus, O.

See adv index at end of book

Covert Saddlery Works, Interlaken, N. Y.

Curtiss Geo. L. So., Southington, Conn.

Ferree E. H. Co., Lockport, N. Y.

Hatheway Mfg. Co. ("Duplex" Reinforced), Bridgeport, Conn.

Hendryx Andrew B. Co., New Haven, Conn.
 Krein Mfg. Co., Wapakoneta, O.
 McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 Parker Wire Goods Co., Worcester, Mass.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Smith & Egge Mfg. Co., Bridgeport, Conn.
 Wire Goods Co., Worcester, Mass.
 Woodhouse Samuel, Cleveland, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2322— Chains (Double Jointed)

Jencks E. Mfg. Co. ("Universal"), Worcester, Mass.
 Morgan Spring Co., Worcester, Mass.

2323— Chains (Drag)

American Chain Co., Bridgeport, Conn.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Newhall Chain, Forge & Iron Co., 89 West, New York
 Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Webster Mfg. Co., Tiffin, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2324— Chains (Dredge)

Alloy Steel Forging Co., Carnegie, Pa.
 American Chain Co., Bridgeport, Conn.
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
 Bradlee & Co., 726 Richmond, Phila., Pa.
 Carr J. B. Co., Troy, N. Y.
COLUMBUS CHAIN CO. ("CC" & Steam Shovel), Columbus, O.
See adv index at end of book
 Gerdes & Co., 42 Church, New York
See adv index at end of book
 Haskell Wm. H. Mfg. Co. (Punched Link), Pawtucket, R. I.
HAYDEN-CORBETT CHAIN CO. ("Old Reliable"), Columbus, O.
See adv index at end of book
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
 Lebanon Chain Works, Lebanon, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
 New Castle Steel & Iron Co., Pittsburgh, Pa.
 Newhall Chain, Forge & Iron Co. (Branded "Warwick" & "Trident"), 89 West, New York
 Nicholson & Co., Rankin, Pa.
 Nixdorff-Krein Mfg. Co., St. Louis, Mo.
 Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
 Round D. & Son, Cleveland, O.

Taylor S. G. Chain Co. (Steam Shovel), 146 S Dearborn, Chicago, Ill.
 Welmer Chain & Iron Co. (Hand Made), Lebanon, Pa.
 White Hill Chain Works, Fieldsboro, N. J.
 Woodhouse Samuel, Cleveland, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2325— Chains (Elevator)

Alloy Steel Forging Co., Carnegie, Pa.
 American Chain Co., Bridgeport, Conn.
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
 Baldwin Chain Mfg. Co., Worcester, Mass.
 Bridgeport Chain Co., Bridgeport, Conn.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Cleveland Galvanizing Works Co., E Cooper av & Penna R R, Cleveland, O.
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
 Hoopes & Townsend Co. (Drop Forged), Broad & Buttonwood, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
 Newhall Chain, Forge & Iron Co., 89 West, New York
 Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
 Webster Mfg. Co., Tiffin, O.
 White Hill Chain Works, Fieldsboro, N. J.
 Wilmot Engineering Co. ("Keystone" Rivetless), Hazleton, Pa.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2326— Chains (Fire Hydrant)

Bridgeport Chain Co., Bridgeport, Conn.
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2327— Chains (Fish Net)

Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2328— Chains (Flower Pot)

Hutchins-Kilbourne Co., Buffalo, N. Y.

2329— Chains (Furnace)

Cleveland Galvanizing Works Co., E Cooper av & Penna R R, Cleveland, Ohio
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2330—Chains (Galvanized Pump)

Bridgeport Chain Co., Bridgeport, Conn.
 Cleveland Galvanizing Works Co., 3924 Cooper av, N E, Cleveland, O.

Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.
 Niagara Falls Metal Stamping Works (Also Galvanized Coil Chains, etc), Niagara Falls, N. Y.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
 Schriver O. P. & Co. ("L. X. L."), 621 Pearl, Cincinnati, O.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2331—Chains (Gear Link Drive)

Columbus Chain Co., Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Morse Chain Co., Ithaca, N. Y.
 Union Malleable Iron Co. ("Heald's" Patent), East Moline, Ill.

2332— Chains (German Coil)

McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.

2333— Chains (Halter)

American Chain Co., Bridgeport, Conn.
 Bridgeport Chain Co., Bridgeport, Conn.
 Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
 Cleveland Wire Goods Co. ("Tenso"), Cleveland, O.
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Covert Mfg. Co., Troy, N. Y.
 Covert Saddlery Works, Interlaken, N. Y.
 Diamond Chain Co., York, Pa.
 Krein Mfg. Co., Wapakoneta, O.
 McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
 Mundorf Chain Works, York, Pa.
 Newhall Chain, Forge & Iron Co., 89 West, New York
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 Oneida Chain Co., Oneida, N. Y.
 Smith & Egge Mfg. Co., Bridgeport, Conn.
WOODHOUSE WM. CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2334— Chains (Hame)

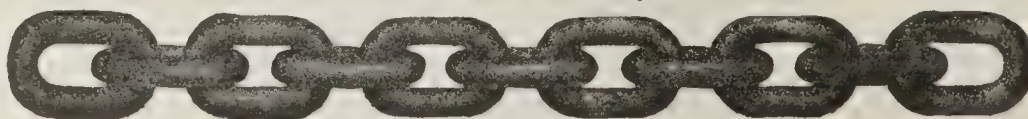
American Chain Co., Bridgeport, Conn.
 Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, Ohio
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
 Kelsay Newton, Evansville, Ind.
 Niagara Falls Metal Stamping Works ("Premax," "Dodson" & "Zenith"), Niagara Falls, N. Y.

2335-6— Chains (Hammock)

American Chain Co., Bridgeport, Conn.
 Bridgeport Chain Co., Bridgeport, Conn.
 Channon Jas. H. Mfg. Co., 227 Erie, Chicago, Ill.
 Cleveland Galvanizing Works Co. ("Hodell" Flat Link "Samson," "Bulldog," Weldless Wire), 3924 Cooper av, Cleveland, O.
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Covert Mfg. Co., Troy, N. Y.
 McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 Oneida Chain Co., Oneida, N. Y.

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 Hooks
 Shackles
 Swivels
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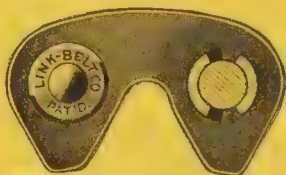
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LINK-BELT COMPANY, 329 W. 39th St., Chicago

1917

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2337— Chains (Harness)

American Chain Co., Bridgeport, Conn.
 Bridgeport Chain Co., Bridgeport, Conn.
 Cleveland Galvanizing Works Co., E
 Cooper av & Penn R R, Cleveland,
 Ohio

COLUMBUS CHAIN CO., Columbus, O.

See adv index at end of book
 Diamond Chain Co., York, Pa.
 Hendryx Andrew B. Co., New Haven
 Conn.

Krein Mfg. Co. Wapakoneta, O.
 McKinnon Chain Co. (Electric Welded),
 252 Amherst, Buffalo, N. Y.
 Newhall Chain, Forge & Iron Co., 89 West,
 New York

Niagara Falls Metal Stamping Works
 (Harness Chain Sets), Niagara Falls,
 N. Y.

Nixdorff-Krein Mfg. Co., St. Louis, Mo.
 Starr W. C. & Son Co., Indianapolis, Ind.
WOODHOUSE WM. CHAIN WORKS,
 Trenton, N. J.
See adv index at end of book

2338— Chains (Heel)

Cleveland Galvanizing Works Co., E
 Cooper av & Penna. R. R., Cleve-
 land, Ohio

Columbus Chain Co., Columbus, O.
See adv index at end of book
 McKinnon Chain Co., 252 Amherst, Buf-
 falo, N. Y.

Nixdorff-Krein Mfg. Co., 900 Howard, St.
 Louis, Mo.
 Scharrow Mfg. Co., Milwaukee, Wis

2339—Chains (High Speed, Silent Running)

American High Speed Chain Co., 401 S
 Illinois, Indianapolis, Ind.

Grant Gear Works, 151 Pearl, Boston,
 Mass. *See adv index at end of book*

LINK-BELT CO. ("Link-Belt"), 39th &
 Stewart av, Chicago, Ill., & Hunting
 Park av & P. & R. Ry., Phila., Pa.
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Morse Chain Co. ("Morse"), Ithaca, N. Y.
 Peerless-V-Belt Co. ("Peerless"), 608 S
 Dearborn, Chicago, Ill.

Whitney Mfg. Co. ("Whitney"), Hart-
 ford, Conn.

2340—Chains (Hitching or Mine Car)

American Chain Co., Bridgeport, Conn.
 Columbus Chain Co., Columbus, O.

See adv index at end of book
 Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

JEFFREY MFG. CO., 961 N Fourth, Co-
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Krein Mfg. Co., Wapakoneta, O.
 McKay Jas. Co., Pittsburgh, Pa. Works:
 McKees Rocks, Pa.

New Castle Steel & Iron Co., Pittsburgh,
 Pa.

Newhall Chain, Forge & Iron Co., 89 West,
 New York

Sargent & Co. (Hitching), New Haven,
 Conn.

White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS,
 Trenton, N. J.

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2341— Chains (Hog)

Lanz M. Sons Co., 2907 Carson, Pittsburgh,
 Pa.

LINK-BELT CO., 39th & Stewart av, Chi-
 cago, Ill., & Hunting Park av & P.
 & R. Ry., Phila., Pa.

See adv index at end of book
 Pittsburgh Rivet Co., 38th & Junction R.
 R., Pittsburgh, Pa.

Wendt Albert H., 456 E 2nd, Cincinnati, O.

2342— Chains (Hog Scraper)

LINK-BELT COMPANY (Steel), 39th &
 Stewart av, Chicago, Ill., & Hunting
 Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

2343— Chains (Hoist)

American Chain Co., Bridgeport, Conn.
 Columbus Chain Co., Columbus, O.

See adv index at end of book

HAYDEN-CORBETT CHAIN CO. ("Old

Reliable" "XX"), Columbus, O.

See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth,
 Columbus, O.

See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chi-
 cago, Ill., & Hunting Park av & P. &
 R. Ry., Phila., Pa.

See adv index at end of book
 McKay Jas. Co., Pittsburgh, Pa. Works:
 McKees Rocks, Pa.

Newhall Chain, Forge & Iron Co. (Branded
 "Warwick" & "Trident"), 89 West,
 New York

Ryerson Joseph T. & Son, 2558 W 16th,
 Chicago, Ill.

White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM. CHAIN WORKS, Tren-
 ton, N. J. *See adv index at end of book*

Chains (Ice Elevator)

See Chains, Conveyor

2344— Chains (Jack)

See also Chains, Safety

Acme Manufacturing Co., Waterbury,
 Conn.

American Brass & Copper Co., 138 La-
 fayette, New York

Cleveland Galvanizing Works Co., E
 Cooper av, & Penna. R. R., Cleveland, O.

Corbin Screw Corporation (Iron & Brass,
 Single or Double), New Britain, Conn.

Hale Bros. Co., Worcester, Mass.

Hungerford U. T. Brass & Copper Co.
 (Brass & Iron), 80 Lafayette, New
 York

LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park av &
 P. & R. Ry., Phila., Pa.

See adv index at end of book
 Mattatuck Mfg. Co., Waterbury, Conn.

Morgan Spring Co., Worcester, Mass.

Parker Wire Goods Co. (Brass & Iron),
 Worcester, Mass.

Plume & Atwood Mfg. Co. (Brass & Iron),
 Waterbury, Conn.

Smith & Egge Mfg. Co. (Brass & Iron),
 Bridgeport, Conn.

Steele & Johnson Mfg. Co., Waterbury,
 Conn.

Turner & Seymour Mfg. Co., Torrington,
 Conn.

Waterbury Brass Goods Corp., Waterbury,
 Conn.

Wire Goods Co., Worcester, Mass.

Wire Hardware Co., 6126 S La Salle, Chi-
 cago, Ill.

Chains (Kennel)

See Chains, Dog Lead

2345— Chains (Key)

Acme Mfg. Co., Waterbury, Conn.

Aluminum Goods Mfg. Co. (Aluminum)
 Manitowoc, Wis.

Ames Sword Co., Chicopee, Mass.

Atwater S. I. ("Good Luck"), 101 Lafay-
 ette, New York

Boettiger Louis A. Co., 48 Leonard, New
 York

Bridgeport Chain Co., Bridgeport, Conn.

Cleveland Galvanizing Works Co., E Cooper
 av & Penna. R. R., Cleveland, O.

Corbin Screw Corporation, New Britain,
 Conn.

Ferree E. H. Co., Lockport, N. Y.

Hatheway Mfg. Co. ("Duplex"), Bridge-
 port, Conn.

Niagara Falls Metal Stamping Works
 ("Premax" & "Expansion"), Niagara
 Falls, N. Y.

Smith & Egge Mfg. Co., Bridgeport, Conn.

2346— Chains (Ladder)

Corbin Screw Corporation, New Britain,
 Conn.

Grant Gear Works, 151 Pearl, Boston,
 Mass. *See adv index at end of book*

Morgan Spring Co., Worcester, Mass.

Plume & Atwood Mfg. Co. (Brass & Iron),
 Waterbury, Conn.

Parker Wire Goods Co., Worcester, Mass.

2347—Chains (Laminated Hoisting)

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

2348—*Chains ("Link-Belt" Silent)

LINK-BELT CO., 39th & Stewart av, Chi-
 cago, Ill., & Hunting Park av & P. &
 R. Ry., Phila., Pa.

See adv index at end of book

2349— *Chains (Loading)

Columbus Chain Co., Columbus, O.

See adv index at end of book

Hayden-Corbett Chain Co. ("XX"), Co-
 lumbus, O.

See adv index at end of book

McKinnon Chain Co., 252 Amherst, Buf-
 falo, N. Y.

2350— Chains (Log)

ALLIS-CHALMERS MFG. CO., Milwaukee,
 Wis. *See adv index at end of book*

Carr J. B. Co., Troy, N. Y.

Columbus Chain Co., Columbus, O.
See adv index at end of book

Diamond Iron Works (Log or Cable Haul
 Up), 2nd & 18th av, N, Minneapolis,
 Minn.

Hayden-Corbett Chain Co. (Ring & Hook),
 Columbus, O.

See adv index at end of book
 Hoopes & Townsend Co., Broad & Button-
 wood, Phila., Pa.

JEFFREY MFG. CO., 961 N Fourth, Co-
 lumbus, O. *See adv index at end of book*

Jones & Laughlin Steel Co., Ross, Pitts-
 burgh, Pa.

LINK-BELT CO., 39th & Stewart av, Chi-
 cago, Ill., & Hunting Park av & P. &
 R. Ry., Phila., Pa.

See adv index at end of book
 McKay Jas. Co., Pittsburgh, Pa. Works:
 McKees Rocks, Pa.

Michigan Sprocket Chain Co., Delray, De-
 troit, Mich.

Mundorf Chain Works (Coil & Long Link),
 York, Pa.

Newhall Chain, Forge & Iron Co., 89 West,
 New York

Nicholson & Co., Rankin, Pa.

Nixdorff-Krein Mfg. Co., St. Louis, Mo.

Round David & Son, Cleveland, O.

Standard Chain Co., Pittsburgh, Pa.

Taylor S. G. Chain Co., 140 S Dearborn,
 Chicago, Ill.

White Hill Chain Works, Fieldsboro, N. J.
 Woodhouse Sam'l, Cleveland, O.

WOODHOUSE WM., CHAIN WORKS,
 Trenton, N. J.

See adv index at end of book

2350a—*Chains (Log Haul-Up)

See also Chains, Rafting
 Columbus Chain Co., Columbus, O.

See adv index at end of book
 Hayden-Corbett Chain Co., Columbus, O.

See adv index at end of book

2351—Chains (Loom, Friction)

American Chain Co., Bridgeport, Conn.

Cleveland Galvanizing Works Co., E Cooper
 av & Penna., Cleveland, O.

2352— *Chains (Machine)

WOODHOUSE WM., CHAIN WORKS,
 Trenton, N. J.

See adv index at end of book

2353— Chains (Machinery)

Baldwin Chain & Mfg. Co., Worcester,
 Mass.

Bridgeport Chain Co., Bridgeport, Conn.

Caldwell H. W. & Son Co., 17th & Western
 av, Chicago, Ill.

Columbus Chain Co., Columbus, O.

See adv index at end of book
 Diamond Chain & Mfg. Co., Indianapolis,
 Ind.

Duckworth Chain & Mfg. Co., Springfield,
 Mass.

Grant Gear Works, 151 Pearl, Boston,
 Mass. *See adv index at end of book*

Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Co-
 lumbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chi-
 cago, Ill., & Hunting Park av & P. &
 R. Ry., Phila., Pa.

See adv index at end of book
 Morse Chain Co., Ithaca, N. Y.

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.

2354— *Chains (Manganese)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co. (Steel), High Bridge, N. J.

2355— *Chains (Marine)

Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2356—Chains (Mining Machine)

Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Prox Frank Co. (Hardened Steel), Terre Haute, Ind.

2357—*Chains (Motorcycle)

Diamond Chain & Mfg. Co., Senate av & Georgia, Indianapolis, Ind.

2358—*Chains (Noiseless Belt Drive)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

2359— Chains (Padlock)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2360— Chains (Pipe Hanger)

American Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2361— Chains (Plumbers')

See also Chains, Jack

Acme Mfg. Co., Waterbury, Conn.
American Brass & Copper Co., 133 Lafayette, New York
Bridgeport Brass Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.
Glauber M. & Co., 103 Varick, New York
Hatheway Mfg. Co. ("Duplex"), Bridgeport, Conn.
Hendryx Andrew B. Co., New Haven, Conn.
Hungerford U. T. Brass & Copper Co. (Brass & Nickel Plated), 80 Lafayette, New York
Jencks E. Mfg. Co. ("Universal" Double Jointed), Worcester, Mass.
Mattatuck Mfg. Co., Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rome Mfg. Co., Rome, N. Y.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg Co., Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corporation, Waterbury, Conn.
Wire Goods Co., Worcester, Mass.

2362—Chains (Porch Swing)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.

Channon Jas. H. Mfg. Co., 227 Erie, Chicago, Ill.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.

2363— Chains (Pot)

Andrews Wire & Iron Works, Rockford, Ill.
Morgan Spring Co., Worcester, Mass.
National Mfg. Co. ("Natwire"), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Wire Goods Co. ("King's-2-Ring"), Worcester, Mass.
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
Woods-Sherwood Co. ("Sensible," "King," 2 Ring and 2 Ring Glove, etc), Worcester, Mass.

2364—Chains (Power Transmission)

American High Speed Chain Co. (High Speed Silent), 401 S Illinois, Indianapolis, Ind.
Baldwin Chain & Mfg. Co. ("Baldwin," Drive), Worcester, Mass.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT COMPANY ("Link-Belt" Silent, High Speed), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Michigan Sprocket Chain Co. (Riveted Drive), Delray, Detroit, Mich.
Miller Charles E. ("Brampton's" Imported), 97 Reade, New York
Morse Chain Co. ("Morse" High Speed. Silent Running), Ithaca, N. Y.
Newhall Chain, Forge & Iron Co. (Automobile), 89 West, New York
Peerless-V-Belt Co. ("Peerless," Noiseless High Speed Chain Drive), 608 S Dearborn, Chicago, Ill.
Philadelphia Gear Works, East Vine, Phila., Pa.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Union Chain & Mfg. Co. (Stamped Steel), Seville, O.
Webster Mfg. Co., Tiffin, O.
Whitney Mfg. Co. (Silent Type), Hartford, Conn.

Chains (Pump)

See Chains, Galvanized Pump

2365— *Chains (Racking)

Columbus Chain Co., Columbus, O.
See adv index at end of book

2366— Chains (Rafting)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.; Works: McKees Rocks, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Newhall Chain, Forge & Iron Co., 89 West, New York
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2367— Chains (Railroad)

American Chain Co., Bridgeport, Conn.

Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
COLUMBUS CHAIN CO., Columbus, O.
See adv index at end of book
HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
McKay James Co., Pittsburgh, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Newhall Chain, Forge & Iron Co., 89 West, New York
O'Leary Arthur J & Sons Co. (Crossing & Switch), 65th & S 57th av, Chicago, Ill.
Round David & Son, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Sam'l, Cleveland, O.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book
Wyatt Thomas Mfg. Co. (Hand Made), 27 Wyatt, Providence, R. I.

2368— Chains (Rivetless)

Cross Engng. Co. ("Simplex"), Carbon-dale, Pa.
Wilnot Engng. Co. ("Keystone"), Hazleton, Pa.

Chains (Roller)

See Chains, Steel Bushed Roller

2369— Chains (Roofing)

New Castle Steel & Iron Co., Pittsburgh, Pa.

2370— Chains (Safety)

See also Chains, Jack; also Chains, Plumbers'

Acme Mfg. Co., Waterbury, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Corbin Screw Corporation, New Britain, Conn.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Hendryx Andrew B. Co., New Haven, Conn.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
Mattatuck Mfg. Co., Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Steel Car Forge Co., Pittsburgh, Pa.; Works: Elwood City, Pa.
Turner & Seymour Mfg. Co., Torrington, Conn.
Waterbury Brass Goods Corporation, Waterbury, Conn.
White Hill Chain Works, Fieldsboro, N. J.
Wire Goods Co., Worcester, Mass.

2371— Chains (Sash)

Acme Mfg. Co., Waterbury, Conn.
American Chain Co. (Weldless, "American"), Bridgeport, Conn.
Atlantic Co., 470 17th, Brooklyn, N. Y.
Bridgeport Chain Co. ("Monarch," "Bronze," "Bridgeport" Steel), Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Hungerford U. T. Brass & Copper Co. (Bronze), 80 Lafayette, New York
Jencks E. Mfg. Co. ("Universal" Double Jointed), Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
Morton Thomas (Bronze & Steel Cable), 245 Center, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Parker Wire Goods Co. ("Eureka"), Worcester, Mass.
Russell J. M. Mfg. Co., Naugatuck, Conn.
Smith & Egge Mfg. Co. ("Giant," "Red Metal"), Bridgeport, Conn.

Steele & Johnson Mfg. Co., Waterbury, Conn.
Wire Goods Co., Worcester, Mass.
Zogg Nicholas ("Standard"), 226 E 144th, New York

2372— *Chains (Ship)

COLUMBUS CHAIN CO., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book

2373— Chains (Sign)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

Chains (Sling)

See Chain Slings

2374— Chains (Spreader)

Bridgeport Chain Co., Bridgeport, Conn.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Lebanon Chain Works, Lebanon, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

2375—Chains (Sprocket Wheel)

American Chain Co., Bridgeport, Conn.
American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
BADGER MALLEABLE & MFG. CO. (Detachable), South Milwaukee, Wis.
Boston Gear Works, Norfolk Downs, Quincy, Mass.
Bridgeport Chain Co., Bridgeport, Conn.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Duckworth Chain & Mfg. Co., Springfield, Mass.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Grant Gear Works, 151 Pearl, Boston, Mass.
See adv index at end of book
HAYDEN-CORBETT CHAIN CO., Columbus, O. *See adv index at end of book*
Hendryx Andrew B. Co., New Haven, Conn.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Lebanon Chain Works, Lebanon, Pa.
Link Chain Co. ("Arrow" Detachable), Williamsport, Pa.
Locke Steel Belt Co., Bridgeport, Conn.
McKay Jas. Co., Pittsburgh, Pa.
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Morse Chain Co., Ithaca, N. Y.
Newhall Chain, Forge & Iron Co., 89 West, New York
Nicholson & Co. (Hand Made), Rankin, Pa.
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
Round David & Son, Cleveland, O.
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

Union Chain & Mfg. Co., Seville, O.
Webster Mfg. Co., Tiffin, O.
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Whitney Mfg. Co., Hartford, Conn.
Woodhouse Sam'l., Cleveland, O.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

Chains (Stay)

See Chains. Wagon

2376—*Chains (Steam Shovel)

See also Chains. Dredge

COLUMBUS CHAIN CO. ("Hercules" Solid Weld), Columbus, O.
See adv index at end of book
GERDES & CO., 42 Church, New York
See adv index at end of book
Hayden-Corbett Chain Co. ("Old Reliable" "XX"), Columbus, O.
See adv index at end of book

2377—Chains (Steel Bushed Roller)

Baldwin Chain & Mfg. Co., Worcester, Mass.
Boland Machine & Mfg. Co. ("Malons's"), 1006 Tchoupitoulas, New Orleans, La.
Caldwell H. W. & Son Co. (Interlocking, Bolted), 17th & Western av, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Diamond Chain & Mfg. Co., Indianapolis, Ind.
Dow Wire & Iron Works, Louisville, Ky.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Jones, W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Webster Mfg. Co., Tiffin, O.
Whitney Mfg. Co. (Detachable or Revised), Hartford, Conn.

2378— Chains (Stone)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Carr J. B. Co., Troy, N. Y.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rock, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Pollard Jos. G. (Fitted with Steel Hooks), 141 Raymond, Brooklyn, N. Y.
Weimer Chain & Iron Co., Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2379—*Chains (Stone Conveyor)

Columbus Chain Co., Columbus, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

2380— Chains (Stud Link)

American Chain Co., Bridgeport, Conn.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
McKay Jas. Co., Pittsburgh, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
White Hill Chain Works, Fieldsboro, N. J.

WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2381— Chains (Tie Out)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.
Cleveland Wire Goods Co. ("Tenso"), Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Oneida Chain Co., Oneida, N. Y.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J.
See adv index at end of book

2382— Chains (Trace)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
Cleveland Bolt & Mfg. Co., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Imperial Bit & Snap Co., Racine, Wis.
Krein Mfg. Co., Wapakoneta, O.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Nixdorff-Krein Mfg. Co., St. Louis, Mo.
Round David & Son, Cleveland, O.
Starr W. C. & Son Co., Indianapolis, Ind.
Woodhouse Samuel, Cleveland, O.
WOODHOUSE WM., CHAIN WORKS, Trenton, N. J. *See adv index at end of book*

2382a— Chains (Tractor)

Baldwin Chain Mfg. Co., Worcester, Mass.

2383— Chains (Transfer)

BARTLETT C. O. & SNOW CO., French, Cleveland, O.
See adv index at end of book
Bridgeport Chain Co., Bridgeport, Conn.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Michigan Sprocket Chain Co., Delray, Detroit, Mich.
Moline Malleable Iron Co., St. Charles, Ill.
Webster Mfg. Co., Tiffin, O.

2384— Chains (Transom)

Bridgeport Chain Co., Bridgeport, Conn.
Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Reading Hardware Co., Reading, Pa.
Smith & Egge Mfg. Co., Bridgeport, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

2385— *Chains (Tubular)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

2386— Chains (Wagon)

Cleveland Bolt & Mfg. Co., Cleveland, O.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Columbus Chain Co., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co. (Stud Link), Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York

Nixdorf-Krein Mfg. Co., St. Louis, Mo.
Starr W. C. & Son Co., Indianapolis, Ind.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2387— Chains (Welded)

American Chain Co., Bridgeport, Conn.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2388—Chains (Weldless Steel Wire)

American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co. ("Triumph," "Perfection"), Bridgeport, Conn.
Cleveland Bolt & Mfg. Co., Cleveland, O.

2389— Chains (Well)

See also Chains, Galvanized Pump
American Chain Co., Bridgeport, Conn.
Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works, 3924 Cooper av., Cleveland, O.
COLUMBUS CHAIN CO., Columbus, O.
See adv index at end of book
Garland Nut & Rivet Co. (Also Swing), Lawrence County, W. Pittsburgh, Pa.
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
WOODHOUSE WM., CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2390— Chains (Windmill)

Bridgeport Chain Co., Bridgeport, Conn.
Cleveland Galvanizing Works Co., E Cooper av & Penna. R. R., Cleveland, O.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Krein Mfg. Co., Wapakoneta, O.
McKay Jas. Co., Pittsburgh, Pa.
McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.
White Hill Chain Works, Fieldsboro, N. J.
WOODHOUSE WM., CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

2391— Chains (Wrecking)

American Chain Co., Bridgeport, Conn.
Carr J. B. Co., Troy, N. Y.
COLUMBUS CHAIN CO., Columbus, O.
See adv index at end of book
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Lebanon Chain Works, Lebanon, Pa.
McKay Jas. Co., Pittsburgh, Pa. Works: McKees Rocks, Pa.
Mundorf Chain Works, York, Pa.
Newhall Chain, Forge & Iron Co., 89 West, New York
Round D. & Son, Cleveland, O.
Taylor S. G. Chain Co., 140 S Dearborn, Chicago, Ill.
Weimer Chain & Iron Co. (Hand Made), Lebanon, Pa.
White Hill Chain Works, Fieldsboro, N. J.
Woodhouse Samuel, Cleveland, O.
WOODHOUSE WM., CHAIN WORKS,
Trenton, N. J.
See adv index at end of book

Chair Cane

See Rattan & Reed Manufacturers

2392— Chairs (Barbers')

Archer Mfg. Co., Rochester, N. Y.
Barker Jas., 6th & Cayuga, Phila., Pa.
Hanson Louis Co., 1500 N Kostner av., Chicago, Ill.

Kochs Theo. A. Co., 659 Wells, Chicago, Ill.
Koken Barbers' Supply Co., St. Louis, Mo.
Undeland A. L., Omaha, Neb.

Chairs (Bootblack)

See Chairs, Shoe Shining

Chairs (Cast Iron)

See Fountains, Vases, Etc.; also Settees & Chairs, Iron

2393—Chairs (Combination Step Ladder)

Austell Swing & Ladder Co. ("Miller"), Austell, Ga.
Bent S. & Bros., Gardner, Mass.
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Holmquist & Co., W 35th & S Maplewood av., Chicago, Ill.
Independent Chair Co., 32 Pitts, Boston, Mass.
Kauffman Mfg. Co., Ashland, O.
Lattimer W. H. & Sons, Orwell, N. Y.
Lewisburg Chair Co., Lewisburg, Pa.
Nichols & Stone Co., Gardner, Mass.
Penn Swing & Ladder Co., Lancaster, Pa.
Steinfeld Bros., 116 W 32d, New York
Stokes Wm. A. & Co., 50 Howard, New York
Udell Works, Indianapolis, Ind.
Waite Chair Co., Baldwinsville, Mass.

2394— Chairs (Dental)

Archer Mfg. Co., Rochester, N. Y.
Harvard Co., Canton, O.
Ritter Dental Mfg. Co. ("Columbia"), Rochester, N. Y.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

2395— Chairs (Folding)

Burrowes E. T. Co. ("Burrowes Feather Weight"), 70 Free, Portland, Me.
Chicago Wire Chair Co. (Metal Frame), 619 N La Salle av., Chicago, Ill.
Crocker Chair Co., Sheboygan, Wis.
Curtiss Bros. (Camp), Richland, N. Y.
Fold Easy House Mfg. Co., McClure, Pa.
Ford & Johnson Co., 1435 Wabash av., Chicago, Ill.
Fox Geo. S. (Camp), 137 N. 6th, Phila., Pa.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Harwood's H. J. Sons, 69 Pearl, Boston, Mass.
Hettick Mfg. Co. (Canvas), Toledo, O.
Hincer Mfg. Co., Washington, Ind.
Imperial Bit & Snap Co. (Steel Auto), Racine, Wis.
Kalamazoo Sled Co., Kalamazoo, Mich.
Lattimer W. H. & Sons (Canvas), Orwell, N. Y.
Peabody School Furniture Co., North Manchester, Ind.
Phoenix Chair Co., Sheboygan, Wis.
Readsboro Chair Co. (& Tables), Readsboro, Vt.
Simmons Co., Kenosha, Wis.
Standard Mfg. Co., Cambridge City, Ind.
Steinfeld Bros. (Also Folding Hammock Swinging Chairs), 116 W 32nd, New York
Stevens Chair Co. (Adjustable), 209 7th, Pittsburgh, Pa.
Sun Mfg. Co. (Camp & Lawn), Columbus, Ohio

2396— Chairs (Invalid)

See also Chairs, Reclining

Bernstein Mfg. Co. (Metal Reclining & Rolling, etc), 3d & Westmoreland, Phila., Pa.
Bloch Go-Cart Co., 1136 N American, Phila., Pa.
Bomgardner Mfg. Co., 1384 Hird av., Cleveland, O.
Ford & Johnson Co. ("Curtis"), 1435 Wabash av., Chicago, Ill.
Gendron Wheel Co., Toledo, O.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Kalamazoo Sled Co. (Rocking & Reclining), Kalamazoo, Mich.
Machine Parts Co., Elyria, O.

Rattan Mfg. Co., New Haven, Conn.
Sackman Mfg. Co. ("Barnhart," All-Steel Reclining & Swinging), Akron, O.
Sargent Mfg. Co., Muskegon, Mich.
Toledo Metal Wheel Co., Toledo, Ohio
Worthington Co., Elyria, O.

2397— Chairs (Metal)

Andrews A. H. Co., 115 S Wabash av., Chicago, Ill.
Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
Celina Specialty Co., Celina, O.
Chicago Wire Chair Co. (Chairs, Tables, Stools, etc.), 619 N La Salle av., Chicago, Ill.
Cleveland Wire Spring Co., Cleveland, O.
Ellsworth Mfg. Co., Toledo, O.
Ford & Johnson Co. (Wire Chairs & Tables), 1435 Wabash av., Chicago, Ill.
Manufacturing Equipment & Engineering Co. ("Meeco" Chairs, Stools, Tables, etc), 136 Federal, Boston, Mass.
Works: Framingham, Mass.
Royal Metal Mfg. Co. (Metal Chairs, Tables & Stools of Twisted Metal), 2318 S Western av., Chicago, Ill.

2398— Chairs (Pipe)

General Fire Extinguisher Co., Providence, R. I.

2399— Chairs (Rail)

Columbiana Boiler Co., Columbiana, O.
Lorain Steel Co. (Drop Forged, Used Under Shallow Girder or Tee Rails in Paved Streets), Johnstown, Pa.
Morden Frog & Crossing Works (Head Chairs), 208 S La Salle, Chicago, Ill.
Pettibone, Mulliken & Co. (Sampson Head Chairs), 140 S Dearborn, Chicago, Ill.
Weir Frog Co., Beech & Highland av., Cincinnati, O.
Weller Mfg. Co., 853 E North av., Chicago, Ill.

Chairs (Rattan)

See Furniture, Rattan & Reed

2400— Chairs (Reclining)

See also Chairs, Invalid

Andrews A. H. Co., 115 S Wabash av., Chicago, Ill.
Bernstein Mfg. Co. (Self-Propelling), 3rd & Westmoreland, Phila., Pa.
Fletcher Furniture Co., Nashua, N. H.
Ford & Johnson Co. ("Curtis"), 1435 Wabash av., Chicago, Ill.
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
Kalamazoo Sled Co., Kalamazoo, Mich.
Lee Chair Co., Oneida, N. Y.
Phoenix Chair Co., Sheboygan, Wis.
Royal Chair Co., Sturgis, Mich.
Sargent Mfg. Co., Muskegon, Mich.
Scarritt-Comstock Furniture Corp., 817 Washington av., St. Louis, Mo.
Steinfeld Bros. (Porch Comfort, also Swinging), 116 W 32nd, New York
Stevens Chair Co., 209 7th, Pittsburgh, Pa.

2401— Chairs (Revolving)

Bent S. & Bros., Gardner, Mass.
Bodenstein & Kuemmerle, Lawrence & Girard, Phila., Pa.
Cleveland Store Fixture Co., Cleveland, O.
Closterman H., Atlas Bk. bldg, Cincinnati, O.
Columbus Aseptic Furniture Co., Columbus, Ohio
Cook C. A. Co. ("Quality" Office & Typewriter), Cambridge, Mass.
Crocker Chair Co., Sheboygan, Wis.
Crown Chair Co., Evansville, Ind.
Culler Furniture Co., Williamsport, Pa.
Davis Chair Co. (Office & Typewriter), Marysville, O.
De Frehn W. & Sons, Johnstown, Pa.
Dunn Jno. A. Co., Gardner, Mass.
Eclipse Mfg. Co. (Office Arm Chairs, etc), York, Pa.
Ehlers Robert J. Co., 125 E 46th, New York
Fort Smith Chair Co., Fort Smith, Ark.
Greenwood Associates, Gardner, Mass.
Gunlocke W. H. Chair Co., Wayland, N. Y.
Hale Co., 14 State, New York
Hartwig & Kemper, 316 W Pratt, Baltimore, Md.

Heywood Bros. & Wakefield, Gardner, Mass.
 Hubbard, Eldredge & Miller, Rochester, N. Y.
 Karpen S. & Bros., 900 S Mich., Chicago, Ill.
 Kohn Jacob & Josef, 110 W 27th, New York
 Logeman F. H. Chair Mfg. Co., 2000 N Main, St. Louis, Mo.
 Marble B. L. Chair Co., Bedford, O.
 Marble & Shattuck Chair Co., 96 Foster, Cleveland, Ohio.
 Marietta Chair Co., Marietta, O.
 Milwaukee Chair Co., 3022 Center, Milwaukee, Wis.
 Murphy Chair Co. (Office), Russell & L. S. R R, Detroit, Mich.
 Otsego Chair Co., Otsego, Mich.
 Ott L. W. Mfg. Co., Indianapolis, Ind.
 Phoenix Chair Co., Sheboygan, Wis.
 Pierce S. K. & Son, Gardner, Mass.
 Poughkeepsie Chair Co., Poughkeepsie, N. Y.
 Retting Furniture Co., Grand Rapids, Mich.
 Rossell Bros. & Co., 255 S 3d, Phila., Pa.
 Royal Metal Mfg. Co., 2318 S Western av, Chicago, Ill.
 Sikes Co., 23d & Passyk. av, Phila., Pa.
 Sikes Consolidated Chair Co., 30 E 42d, New York
 Southern Chair Co., High Point, N. C.
 Suitt Bros. Mfg. Co., Cambridge, O.
 Taylor Chair Co. (Office), Bedford, O.
 Thonet Bros., 14 E 32nd, New York
 Toledo Metal Furniture Co. (Typewriter), Toledo, O.
 Tonk Mfg. Co., 2028 Clybourn av, Chicago, Ill.
 Union City Chair Co., Union City, Pa.
 Webster Mfg. Co., Superior, Wis.

2402— Chairs (Shinglers')

C. & E. Mfg. Co. ("Titgrip"), Marshalltown, Ia.

2403— Chairs (Shoe Shining)

Archer Mfg. Co., Rochester, N. Y.
 Buffalo Metal Furniture Mfg. Co. ("Universal"), Buffalo, N. Y.

2404— Chairs (Steamer)

See also Chairs, Reclining

Dillingham Mfg. Co., Sheboygan, Wis.
 Harrison B. F. Mfg. Co., Arkville, N. Y.
 Hartwig & Kemper, 316 W Pratt, Baltimore, Md.
 Heywood Bros & Wakefield Co., Gardner Mass.
 Mahoney E. H. Chair Co., Gardner, Mass
 Phoenix Chair Co., Sheboygan, Wis.
 Readsboro Chair Co., Readsboro, Vt.
 Sun Mfg. Co., Columbus, O.

Chairs (Steel)

See Stools, Steel Factory & Office

Chairs (Step Ladder)

See Chairs, Combination Step Ladder

2405— *Chalk (Billiard)

AMERICAN CRAYON CO. (White & Colored, "Diamond," "Eureka"), 1300 Hayes av, Sandusky, O.
See adv index at end of book

2406— *Chalk (Bowling)

AMERICAN CRAYON CO. (Hand & Foot), 1300 Hayes av, Sandusky, O.
See adv index at end of book

2407— *Chalk (Carpenters')

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.
See adv index at end of book

2408— Chalk Importers

Buss H. & Co., 434 B'way, New York

2409— Chalk Mfrs.

AMERICAN CRAYON CO. (Carpenters', Bowling & Billiard), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book

Binney & Smith Co. (All Kinds), 81 Fulton, New York
 Higman Jno. W. Co. (In Bulk, Imp.), 29 B'way, New York.
 McKesson & Robbins (Imp), 91 Fulton, New York
 Steward D. M. Mfg. Co., Chattanooga Tenn.
 Stickney, Tirrell & Co. (Importers), 31 Milk, Boston, Mass.
 Taintor H. F. Mfg. Co. (Imp), 2 Rector, New York. Works: Bayonne, N. J.
 Thomas Mfg. Co. (Prepared), 117 W. Camden, Baltimore, Md.

2410— Chalk (Precipitated)

Chrystal Chas. B. (Imp English), 13 Cliff, New York. *See adv index at end of book*
 Daniels Willard B. (English), 252 Front, New York
 Doggett Stanley, 11 Cliff, New York
 Dunn & Kruse (Imp), 63 Park Row, New York
 Hillier's R. Son Co. (Imp), 100 William, New York
 Industrial Chemical Co. (Extra Light, Light & Heavy Grades), 200 5th av, New York
 Knappmann Wm. & Co., Grand, Brooklyn, N. Y.
 National Aniline & Chemical Co. ("Stur-gie" English), 100 William, New York
 Product Sales Co., 32 S Calvert, Baltimore, Md.
 Thomas Mfg. Co. (English), 117 W Camden, Baltimore, Md.

2411—Chalk & Masons' Lines

Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
 Bibb Mfg. Co., Macon Ga.
 Brownell Co., Moodus, Conn.
 Draper W. H. & Son (Also Fish Lines), Troy, N. Y.
 Gladding B. F. & Co. (Also Cotton, Linen & Silk Fish Lines), S Otselic, N. Y.
 Lees Mfg. Co. ("Favorite"), Westport, Conn.
 Samson Cordage Works, 88 Broad, Boston, Mass.
 Silver Lake Co. ("Silver Lake"), Newtonville, Mass.
 Tennessee Line & Twine Co., Elizabethtown, Tenn.
 Turner & Stanton Co., Norwich, Conn.

2412— Chambers (Air)

Anylite Electric Regulator Co., Fort Wayne, Ind.
 Buckeye Iron & Brass Works, Dayton, O.
 Hamilton Copper & Brass Works, Hamilton, Ohio.
 Naugatuck Mfg. Co. (Seamless Copper), Naugatuck, Conn.
 Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

Chambers (Vacuum Drying)

See Vacuum Drying & Impregnating Apparatus

2413— Chamois Importers

American Silk Mfg. Co. (Raw & Pure White Silk), 4341 Orchard, Phila., Pa.
 Bloch Joseph, 51 Cliff, New York.
 Blum R. 108 Pearl, Boston, Mass.
 Burk W. B. & Co., 6th & Arch, Phila., Pa.
 Carbondale Sponge Co., 220 B'way, New York
 Drueding Bros. Co., 5th & Master, Phila., Pa.
 Fuchs Max Co., 244 Pearl, New York
 Greek-American Sponge Co., 300 W Randolph, Chicago, Ill.
 Isaacs A. & Co., 58 Beekman, New York
 Lampel F. L. (Imported), 315 Locust, St. Louis, Mo.
 Lasker & Bernstein ("Red Seal"), 161 William, New York
 Leousi, Clonney & Co., 39 Walker, New York
 Moses A. Sons & Co., 73 Wooster, New York
 National Sponge & Chamois Co., 158 William, New York
 Niehaus Jos. Co., 341 W 4th, Cincinnati, O.
 White Son Co., 540 Atlantic av, Boston, Mass.
 Young Richard Co., 36 Spruce, New York

2413a— Chandlery (Ship)

Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book

Changers (Lamp)

See Replacers, Incandescent Lamp

2414— Changers (Pole)

Cameron Appliance Co., 48 Waters av, Everett, Mass.
 Holtzer-Cabot Electric Co. (Telephone), Brookline, Mass.
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
 Warner Electric Co., Muncie, Ind.

2415—Channels (Steel, Furring & Lathing)

Kawneer Mfg. Co., Niles, Mich.
 Sharon Steel Hoop Co. (Perforated & Light Metal), Sharon, Pa.

2416— Chaplets (Foundry)

See also Foundry Facings & Supplies

Angell Nail & Chaplet Co., Cleveland, O.
 Burdick & Son (Core), Albany, N. Y.
 Cheney S. & Son ("Erie" Grey Iron), Manlius, N. Y.
 Christen Bellows & Mfg. Co., Main & Dock, St. Louis, Mo.
 Cleveland Galvanizing Works Co., Cleveland, O.
COMBINED SUPPLY & EQUIPMENT CO. ("Angle Stem"), 766-772 Grant, Buffalo, N. Y.
 Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.
 Fanner Mfg. Co. (Radiator, Wrought Iron, etc), Cleveland, O.
GEM MFG. CO., Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

CHAPLETS (Foundry)



GEM MFG. CO., Pittsburgh, Pa.

Hill & Griffith Co. ("Haskins" Ventilated, "Peerless" Perforated), 1248 State av, Cincinnati, O.
 Hohlfelder F. Co., 1197 W. 67th, Cleveland, O.
 Lindsay W. W. & Co., Harrison bldg, Phila., Pa.
 Lovejoy C. H. Chaplet Co., Cambridge, N. Y.
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
 One Piece Chaplet Works, 3327 Ludlow, Phila., Pa.
 Patent Specialty Supply Co., Shushan, N. Y.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Philadelphia Chaplet & Mfg. Co., School la & P & R Ry, Wiss, Phila., Pa.
 Pratt Chuck Co., Frankport, N. Y.
 Shanafelt Mfg. Co., Canton, O.
 United States Chaplet & Supply Co. (Tin Shell, Wrought Iron, Hinge Tubes, etc), 140 Cedar, New York

2417— Chaplets (Radiator)

Crescent Brass & Pin Co. (Double Head Chaplets), 1150 Trumbull, Detroit, Mich.
 Pratt Chuck Co., Frankport, N. Y.

2418— Char Filters & Kiln

Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
 Deeley Robt. & Co., 29 B'way, New York
 Kilby Mfg. Co., Cleveland, O.
 Squier Geo. L. Mfg. Co., Buffalo, N. Y.
 Steacy-Schmidt Mfg. Co., York, Pa.
 Treadwell M. H. Co., 140 Cedar, New York
 Wood R. D. & Co. ("Charcoal Filters"), 400 Chestnut, Phila., Pa.

2419— Charcoal

Alabama Charcoal Co., Kansas City, Mo.
 Ballard J. W. Co., Binghamton, N. Y.
 Barnitz Geo. A., York, Pa.
 Bell & Gossett (Leather), Archer av & Mary, Chicago, Ill.
 Berger Bros., 1186 Cherry av, Chicago, Ill.
 Boyne City Chemical Co., Boyne City, Mich.
 Brown L. S. Charcoal Co. (Lump, Flour & Granulated, Carload Lots Only), 317 Main, Springfield, Mass.
 Buckannon Chemical Co., Olean, N. Y.
 Cadillac Chemical Co. (Retort), Cadillac, Mich.
 Charcoal Supply Co. (Lump, Granulated & Powdered), 1186 Cherry av, Chicago, Ill.
 Chemical Charcoal Co. (Chemical), 211 Fillmore av, Buffalo, N. Y.
 Cleveland Cliffs Iron Co., Cleveland, O.
 Clifford Bros., Ft. Wayne, Ind.
 Cliffs Chemical Co., Goodman, Wis.
 Coryville Chemical Co., Bradford, Pa.
 Covey Durham Coal Co. (Wholesale), 431 S Dearborn, Chicago, Ill.
 Cummer-Diggins Co. (Retort), Cadillac, Mich.
 Day Chemical Co., Westline, Pa.
 Doggett Stanley (Powdered), 11 Cliff, New York
 du Pont E. I., de Nemours & Co., Wilmington, Del.
For branch offices see adv index at end of book
 Eastwood Chemical Co., Belleville, N. J.
 Forest Products Co., 1212 Whitney, New Orleans, La.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Industrial Chemical Co. (Powdered & Granulated), 200 5th av, New York
 James Mfg. Co., Kane, Pa.
 Keery Thos. Co., Hancock, N. Y.
 Lewis Run Mfg. Co., Bradford, Pa.
 Long Island Charcoal Co., 212 24th, Brooklyn, N. Y.
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
 MacKellar's R. Sons Co. (Powdered & Granulated), Peekskill, N. Y.
 Manufacturers' Charcoal Co., Bradford, Pa.
 Marvindale Chemical Co., Bradford, Pa.
 Maryland Wood Products Co., Bradford, Pa.
 Maskek Chemical & Iron Co., Wells, Mich.
 Mitchell-Diggins Iron Co., Cadillac, Mich.
 Mt. Hope Chemical Charcoal Works, Mt. Hope, Pa.
 Newman E. B. Charcoal Co. (Lump Pulverized & Granulated), 548 W 25th, New York
 Newton Chemical Co., Olean, N. Y.
 Noble Electric Steel Co., 995 Market, San Francisco, Cal.
 Norwich Chemical Co., Crosby, Pa.
 Nusbaum Chemical Co., Bradford, Pa.
 Oswayo Chemical Co., Bradford, Pa.
 Pacific Guano & Fertilizer Co., 343 Sansom, San Francisco, Cal.
 Perry-Hanna Mercantile Co., Beaty, Ark.
 Phipps Charcoal Co. (Lump, Granulated & Powdered or Pulverized Hardwood), Ironton, Ohio
 Rasmussen Charcoal & Fuel Co., St. Paul, Minn.
 Rowand John R. (Re-carbonized, Pulverized & Granulated), Clementon, N. J.
 Russell Chemical Co. (Ltd.), Russell, Pa.
 Smith A. B. Chemical Co., Buffalo, N. Y.
 Springfield Facing Co. (In Every Form), Springfield, Mass.
 Standard Charcoal Co., Bradford, Pa.
 Stevens Frederick B. (Parting & Powdered), 3d & Larned, Detroit, Mich.
 Sullivan Chemical Co., Acidalia, N. Y.
 Union Charcoal Co., Straight, Pa.
 Wiarda John C. & Co. (Powdered), 273 Greene, Brooklyn, N. Y.
 Wittig F. & Co. (Lump, Granulated & Powdered), 36th & Greenfield av, Milwaukee, Wis.
 Wright T. B. & Co. (Granulated & Pulverized), Mariners' & Merchants' bldg, Phila., Pa.
 Wyman Chemical Co. (Chemical), Port Allegheny, Pa.

2420— Charcoal (Bone)

Baugh & Sons Co. (Animal Charcoal), 20 S. Delaware av, Phila., Pa.
 Binney & Smith Co., 81 Fulton, New York
 Empire Carbon Works, Mechanics' Bank bldg, St. Louis, Mo.

Seaver & Co., 120 Milk, Boston, Mass.

2421—Charging Sets (Automobile)

Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
GENERAL ELECTRIC CO. (Arc Rectifier), Schenectady, N. Y.
See adv index at end of book
 Lincoln Electric Co., Cleveland, O.
 Richardson Engineering & Mfg. Co., Hartford, Conn.
 Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2421a—Charging Sets (Storage Battery)

Auth Elec'l. Spec. Co., 25 Howard, New York
 Burke Elec. Co., Erie, Pa.
 Crocker-Wheeler Co., Ampere, N. J.
 Cutler-Hammer Mfg. Co., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
 Eck Dynamo & Motor Co., Belleville, N. J.
See adv index at end of book
 Elect'l Testing Co., Peoria, Ill.
 Ellington Elec. Co., Quincy, Ill.
 Fore Elec. Mfg. Co., St. Louis, Mo.
 Hobart Bros. Co., Troy, O.
 Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
 Ideal Elec. Mfg. Co., Mansfield, O.
 Independent Elec. Machy. Co., 1921 Central, Kansas City, Mo.
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
 Kendrick & Davis Co., Lebanon, N. Y.
 Main Elec. Mfg. Co., 500 Aiken av, Pittsburgh, Pa.
 Nat. Elec. Controller Co., 154 Whiting, Chicago, Ill.
 Reliance Instrument Co., 1135 W Van Buren, Chicago, Ill.
 Robbins & Myers Co., Springfield, O.
 Russell E. L. Co., 708 State Life, Indianapolis, Ind.
 St. Louis Elec'l Wks., 4060 Forest Pk, St. Louis, Mo.
 Tritt Elec. Co., Union City, Ind.
 Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.

2422—Charts (Hydrographic)

Rupp Michael & Co. (Imp.), 112 Broad, New York

2423—Chasers (Pipe Tap)

Pratt & Whitney Co., Hartford, Conn.

2424—Chasers (Screw)

Brubaker W. L. & Bros., Millersburg, Pa.
 Card S. W. Mfg. Co., Mansfield, Mass.
 Geometric Tool Co. ("Geometric" Chaser or Die Grinder), New Haven, Conn.
 Polk A. J. & Son, Millersburg, Pa.

2425—Chases (Printers')

American Steel Chase Co. (All Steel), 38 Park row, New York
 Golding Mfg. Co. (Electrically Welded), Franklin, Mass.
 Schultz F. & Co., 164 N Clinton, Chicago, Ill.

2426—Check Blanks (Brass)

AMERICAN BRASS CO. (Also Copper), Waterbury, Conn.
For branch offices see adv index at end of book
 Grammes L. F. & Sons, Allentown, Pa.
 Niagara Falls Metal Stamping Works (Also Aluminum), Niagara Falls, N.Y.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Waterbury Brass Goods Corp., Waterbury, Conn.

2427—Check Perforators

Childs S. D. & Co., 136 S Clark, Chicago, Ill.
 Cummins B. F. Co., 4740 W Ravenswood av, Chicago, Ill.
 Ingersoll Robt. H. & Bro. ("J. H. Williams Patent"), 315 4th av, New York
 New Era Mfg. Co., 450 4th av, New York
 Pritchard Stamping Co., Rochester, N. Y.
 Wesley Mfg. Co., 31 Beekman, New York

2428— Check Protectors

American Perforator Co. (Hand & Motor Driven), 617 W Jackson bvd, Chicago, Ill.
 Atwater S. I. ("Alligator"), 101 Lafayette, New York
 Cummins B. F. Co., 4740 W Ravenswood av, Chicago, Ill.
 Defiance Checkwriter Corp., Rochester, N. Y.
 Hedman Mfg. Co. ("F. & E."), 227 W Erie, Chicago, Ill.
 Hill-Independent Mfg. Co., Emerald & Adams, Phila., Pa.
 Ingersoll Robt. H. & Bro. ("J. H. Williams Patent"), 315 4th av, New York
 Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.
 New Era Mfg. Co., 450 4th av, New York
 Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
 Smith R. H. Mfg. Co., Springfield, Mass.
 Todd Protectograph Co. ("Protectograph," also "Protod" Forging-Proof Checks & Drafts), 1050 University av, Rochester, N. Y.
 Whitaker John Mfg. Co. ("Safe-Guard"), N Wales, Pa.

2428a— *Checkers

See also Toys, Games & Novelties
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

2429— Checks (Baggage)

American Railway Supply Co., 134 Charles, New York
Black A. S., 206 Longworth, Cincinnati, Ohio
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
 Dennison Mfg. Co., 26 Franklin, Boston, Mass.
 Denney Tag Co., West Chester, Pa.
 Dickey-Grabler Co. (Brass), Cleveland, O.
 Dorman J. F. W. Co. (Brass), 526 N Calvert, Baltimore, Md.
 Gibson A. A. Co., Buffalo, N. Y.
 Grammes L. F. & Sons, Allentown, Pa.
 Hanson C. H. Co., 178 N Clark, Chicago, Ill.
 Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
 International Tag Co. (Paper & Cloth), 652 W Lake, Chicago, Ill.
 Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.
 Mayer Geo. J. & Co., Indianapolis, Ind.
 Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.
 Mulinari P., 118 Light, Baltimore, Md.
 New York Stencil Works, 100 Nassau, New York
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 Robbins John Mfg. Co. (Also Red Fibre Key Tags), 58 Kneeland, Boston, Mass.
 Sackman Mfg. Co. (Brass & Aluminum, for All Purposes), Akron, O.
 Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
 Spokane Stamp Works, Spokane, Wash.
 Stafford N. Co., 67 Fulton, New York
 Stewart R. A. & Co. (Brass), 201 B'way, New York
 Volk Stamp & Stencil Co., 115 Griswold, Detroit, Mich.
 Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
 Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.
 Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

2429a— Checks (Cash)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
 Matthews James H. & Co. (Pay), 3942 Forbes, Pittsburgh, Pa.

2430— Checks (Celluloid)

Celluloid Co. (Cash, etc), 36 Washington pl, New York
 Whitehead & Hoag Co., 272 Sussex av, Newark, N. J.

2431—*Checks (Factory Time)

DELAWARE HARD FIBRE CO. (Fibre),
Wilmington, Del.; Works: Marshall-
ton, Del. *See adv index at end of book*
Matthews James H. & Co., 3942 Forbes,
Pittsburgh, Pa.
WILMINGTON FIBRE SPECIALTY CO.
(Fibre), Wilmington, Del.
See adv index at end of book

2432—Checks (Screen Door)

Arcade Mfg. Co. ('Warner'), Freeport, Ill.
Caldwell Mfg. Co. ('Caldwell & Dime'),
Rochester, N. Y.
Sargent & Co. ('The No Slam'), New
Haven, Conn.
Superior Spring Hinge Co. ('Superior'),
136 W Lake, Chicago, Ill.

2433—Checks (Trade)

Adams S. G. Stamp & Seal Co., 412 N 6th,
St. Louis, Mo.
Aluminum Container Corp. (Aluminum),
Fulton, N. Y.
Aluminium Goods Mfg. Co. (Aluminum),
Manitowoc, Wis.
American Railway Supply Co., 134 Charles,
New York
Gibson A. C. Co., Buffalo, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
Hanson C. H. Co., 178 N Clark, Chicago,
Ill.
Kautz Fred C. & Co., 2633 W Lake, Chi-
cago, Ill.
Matthews Jas. H. & Co. (Tool), 3942
Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., Indianapolis, Ind.
Moise-Klinkner Co., 1212 Market, San
Francisco, Cal.
Niagara Falls Metal Stamping Works,
Niagara Falls, N. Y.
Noble & Westerbrook Mfg. Co., Hartford,
Conn. *See adv index at end of book*
Schwerdtle Stamp Co., 43 Cannon, Bridge-
port, Conn. *See adv index at end of book*
Spencer S. M. Mfg. Co., 9 Cornhill, Bos-
ton, Mass.
Swisher R. D. Mfg. Co., 413 S Clinton,
Chicago, Ill.

2434—Chemical Apparatus

ABBE ENGINEERING CO., 220 B'way,
New York *See adv index at end of book*
American Scientific Instrument Co., 50
John, New York
Badger E. B. & Sons Co., 75 Pitts, Boston,
Mass.
Baker F. M. Apparatus Co. (Dealers),
Syracuse, N. Y.
Bausch & Lomb Optical Co., Rochester,
N. Y.
Behrend F., 54 Front, New York
Berge J. & H., 95 John, New York
Boekel Wm. & Co., 518 Vine, Phila., Pa.
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576 Mission,
San Francisco, Cal.
Buffalo Foundry & Machine Co., 65 Win-
chester av, Buffalo, N. Y.
See adv index at end of book
Caire Justinian Co., 573 Market, San
Francisco, Cal.
Chicago Apparatus Co., 32 S Clinton, Chi-
cago, Ill.
Dalger A. & Co., 54 W Kinzie, Chicago,
Ill.
Denver Fireclay Co., Denver, Colo.
Devine J. P. Co., Buffalo, N. Y.
Eimer & Amend, 205 3d av, New York
ELYRIA ENAMELED PRODUCTS CO.
(For Chemical & Food Manufactur-
ing), Elyria, O.
See adv index at end of book
Feidt Geo. D. & Co., 244 N 5th, Phila., Pa.
Gerstein Bros. & Cooper, 3 W 3d, South
Boston, Mass.
Graham Chas. Chemical Pottery Works,
('Stoneware,' Acid Proof), 986 Met
av, Brooklyn, N. Y.
Greiner Emil Co., 55 Fulton, New York
Heil Henry Chemical Co., St. Louis, Mo.
International Instrument Co., 23 Church,
Cambridge, Mass.
Klipstein A. & Co., 644 Greenwich, New
York
Knott L. E. Apparatus Co., 79 Amherst,
Cambridge, Mass.
Koven L. O. & Bro., 154 Ogden av, Jersey
City, N. J.
Lummas Walter E. Co., 173 Milk, Boston,
Mass.
Queen-Gray Co., 618 Chestnut, Phila., Pa.

Sargent E. H. & Co., 125 W Lake, Chicago,
Ill.
Stoelting C. H. Co., 3047 Carroll av, Chi-
cago, Ill.
**Taunton Crucible Wks. (Black Lead Cru-
cibles, Stoppers, Nozzles, Covers, Dips,
Basins, Stirrers, Domes, etc. for As-
sayers & Refiners)**, Taunton, Mass.
**Thermal Syndicate (Ltd.) ('Vitreosil' Pure
Fused Silica Ware, Imp)**, 50 E 41st,
New York
Thomas Arthur H. Co., W Washington sq,
Phila., Pa.
WERNER & PFLEIDERER CO., Saginaw,
Mich. *See adv index at end of book*

2435—Chemical Feed Devices For Water Treatment

Builders' Iron Foundry, 9 Coddington, Provi-
dence, R. I.

2436—Chemicalizers for Street-Alley Flushing

Thompson Walter M., 1427 Plum, Cincin-
nati, O.

2437—Chemicals

* Indicates Manufacturers

See also index for specific item desired

***Abbott Laboratories**, 4753 Ravenswood av,
Chicago, Ill.
***Adler Color & Chemical Wks.**, 100 Wil-
liam, New York
***Alba Mfg. Co.**, Aurora, Ill.
***American Agricultural Chemical Co.**, 2
Rector, New York
American Aniline Products, Inc., 80 5th
av, New York
***American Cynamid Co.**, 200 5th av, New
York
American Zinc & Chemical Co., 61 B'way,
New York
***Ames Merritt Chemical Works**, Glens
Falls, N. Y.
***Aniline Products Co.**, 302 B'way, New
York
**Apothecaries Hall Co. (Industrial Chemi-
cals)**, Waterbury, Conn.
***Arminius Chemical Co.**, 44 Pine, New
York
Aspinwall Geo. H. Inc., 134 Holliday,
Jersey City, N. J.
***Atteaux F. E. & Co.**, 174 Purchase, Bos-
ton, Mass.
***Avery Chemical Co.**, 88 Broad, Boston,
Mass.
***Barrett Co.**, 17 Battery pl, New York
***Batelle & Renwick (Imp.)**, 80 Maiden la,
New York
***Baugh & Sons Co.**, 20 S. Delaware av,
Phila., Pa.
Bausch & Lomb Optical Co., Rochester,
N. Y.
***Bayway Chemical Co.**, Elizabeth, N. J.
***Beckwith Chemical Co.**, 35th & Grays
Ferry av, Phila., Pa.
***Binney & Smith Co.**, 81 Fulton, New York
**Bird J. A. & W. & Co. (Heavy, Importers
& Mfrs Agents)**, 88 Pearl, Boston,
Mass.
Bischoff C. & Co. (Imp.), 451 Washington,
New York
***Block Chemical Works (Barium)**, 85
Vesey, Newark, N. J.
***Bower Henry Chemical Mfg. Co.**, 29th &
Gray's Ferry rd, Phila., Pa.
**Braun-Knecht-Heimann Co. (Heavy, In-
dustrial, Analytical Imptrs.)**, 576 Mis-
sion, San Francisco, Cal.
***Bulls Ferry Chemical Co.**, Shadyside,
N. J.
***Burroughs Bros. Mfg. Co.**, Coca Cola
bldg, Baltimore, Md.
Bush Beach & Gent (Paper Makers), 80
Maiden la, New York
***Butterworth-Judson Co.**, Av R, Newark,
N. J.
***Calco Chemical Co.**, Bound Brook, N. J.
***Caledonia Chemical Co.**, Caledonia, N. Y.
***Canton Fertilizer & Chemical Co.**, Canton,
O.
***Carpenter-Udell Chemical Co.**, Grand
Rapids, Mich.
***Castner Electrolyte Alkali Co.**, Niagara
Falls, N. Y.
***Central Chemical Co.**, 115 W Washington,
Chicago, Ill.
***Central Dyestuffs & Chemical Co.**, New-
ark, N. J.
Chatfield Mfg. Co., Carthage, Cincinnati, O.
**Chemical Supply Co. (Disinfectants, In-
secticides)**, Cleveland, O.

Cherokee Chemical Co., 109 Hollingsworth,
Baltimore, Md.
***Chicago Copper & Chemical Co.**, Western
Union bldg, Chicago, Ill.

1897 TWENTY YEARS 1917



TALC	PUMICE STONE
CHINA CLAY	ROUGE
FLINT	SILEX
MANGANESE	TRIPOLI
BARYTES	RED OXIDES
ROTTEN STONE	QUARTZ
SOAPSTONE	TERRA ALBA
	INFUSORIAL EARTH

CHARLES B. CHRYSAL

Importer — Grinder
13 CLIFF ST. - - - NEW YORK

**Clark Fred G. Co. (Heavy Chemicals, for
Wholesale Trade Only)**, 1081 W 11th,
Cleveland, O.
***Cleveland Cliffs Iron Co.**, Cleveland, O.
***Cochrane Chemical Co.**, 40 Central, Bos-
ton, Mass.
***Columbia Chemical Co.**, Pittsburgh, Pa.
***Commercial Chemical Co.**, Ludington
bldg, Chicago, Ill.
Cone Frederick H. (Industrial), 176 Front,
New York
Consolidated Chemical Co., Kane, Pa.
***Consolidated Color & Chemical Co.**, 122
Hudson, New York
***Contact Process Co.**, Buffalo, N. Y.
Cooper Chas. & Co., 194 Worth, New York
Cooper & Cooper (Imp.), 309 B'way, New
York
***Coryville Chemical Co.**, Bradford, Pa.
Crescent Chemical Co., Phila., Pa.
***Crown Chemical Co.**, Indianapolis, Ind.
***Davisson Chemical Co.**, Garrett bldg, Bal-
timore, Md.
***Dearborn Chemical Co.**, 332 S Michigan,
Chicago, Ill.
Debrook Co., Inc. (Imp.), 15 Park row,
New York
***Delta Chemical Co.**, Wells, Mich.
***De Pree Chemical Co.**, Holland, Mich.
Doggett Stanley, 11 Cliff, New York
***Dow Chemical Co.**, Midland, Mich.
Drake & Co., 904 Trks Hd. bl, Providence,
R. I.
Drakenfeld B. F. & Co. (Importers), 50
Murray, New York
**DU PONT CHEMICAL WORKS ('Du
Pont')**, 120 B'way, New York
Eimer & Amend ('Kryptol' Jobbers, etc),
205 3d av, New York
***Erkenbrach Geo. A. Co.**, 115 Maiden la,
New York
Eureka Fluid Wks. (Embalming Fluids),
129 Valencia, San Francisco, Cal.
Farbwerke-Hoesht Co. (Imp.), 122 Hud-
son, New York
***Federal Chemical Co.**, Louisville, Ky.
Forbes Chas. M., Crocker bldg, San Fran-
cisco, Cal.
Formen Trading Co. (Commission), 6
Church, New York
Franzesconi J. C. & Co. (Brokers), 55
Beaver, N. Y.
***Francis Chemical Co.**, 131 Washington,
Providence, R. I.
Fuerst Bros. & Co., 2 Stone, New York
Gabriel & Schall (Importers), 205 Pearl,
New York

Geisenheimer & Co. (Imp.), 134 Cedar, New York
 *General Chemical Co., 25 Broad, New York
 *Grant J. C. Chemical Co., East St. Louis, Ill.
 *Grasselli Chemical Co., Guardian bldg, Cleveland, O.
HARRISONS INC. (Commercial & Heavy) (U. S. P.—not C. P.), 35th & Grays Ferry rd, Phila., Pa.
 *Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Hemingway Frank, Inc. (Imp.), 82 Beaver New York
 *Hercules Chemical Works, 2138 W Van Buren, Chicago, Ill.
 *Herf & Frerichs Chemical Co., St. Louis, Mo.
 Herman & Herman (Dealers), 6 Church, New York
 *Heyden Chemical Works, Garfield, N. J.
 Hill C. W. Chemical Co. (Industrial), 326 San Pedro, Los Angeles, Cal.
 *Hoffman & Kropff Chemical Co., Brooklyn, N. Y.
 Holliday-Kemp Co., Woodside, L. I., N. Y.
 *Hooker Electro Chemical Co., Niagara Falls, N. Y.
 *Industrial Chemical Co., 200 5th av, New York
 *Innis, Speiden & Co., Inc. (Imp), 46 Cliff, New York
See adv index at end of book
 Jarecki Chemical Co., Sandusky, O.
 Jobbins Wm. F. (Bleaching, "Excelsior," Paragon & Persulphate of Iron), Aurora, Ill.
 Jordan Import Co., 11 Cliff, New York
 *Joslin Schmidt Co., 3223 Spring Grove av, Cincinnati, O.
 *Kalbfleisch F. H. Co., B'way & 16th, New York
 *Kali Mfg. Co. (Textile), 1406 N Front, Phila., Pa.
 *Keery Chemical Co., Hancock, N. Y.
 *Keery Thos. Co., Hancock, N. Y.
 Kirk Walter R., 327 S La Salle, Chicago, Ill.
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 *Lackawanna Chemical Co., Straight, Pa.
 La Mont Chemical Co., Kane, Pa.
 Lenz Apparatus Co., 9 E 16th, New York
 Lufbery Geo. F. Jr., Elizabeth, N. J.
 *McMeekan David Mfg. Co. (Textile), 1070 Pacific, Brooklyn, N. Y.
 *McVicker W. B. Co. (Water Purifying and Cleansing), 115 Broadway, New York
 Madero Bros (Imp.), 115 Broadway, New York
 *Mallinckrodt Chemical Works, 2d and Mallinckrodt, St. Louis, Mo.
 Marble J. Russel & Co. (Heavy), Worcester, Mass.
 Marden, Orth & Hastings Co. (Imp. & Exp.), 61 B'way, New York
 *Marvindale Chemical Co., Bradford, Pa.
 *Mechling Bros. Mfg. Co., Camden, N. J.
 *Merck & Co., 45 Park pl, New York
 *Merrimac Chemical Co., 148 State, Boston, Mass.
 *Michigan Alkali Co., Wyandotte, Mich.
 *Milltown Mfg. Co., Milltown, N. J.
 Minard Run Chemical Co., Degolia, Pa.
MINER-EDGAR CO. (Acetic Acid & Solvents), 52-60 Warren, Brooklyn, N. Y.
 *Monsanto Chemical Wks., St. Louis, Mo.
 *Montcalm Chemical Wks., Indianapolis, Ind.
 *Mutual Chemical Co. of America, 55 John, New York
 *National Ammonia Co., St. Louis, Mo.
 *National Aniline & Chemical Co., Inc., Schoellkopf Wks., Buffalo, N. Y.
 *National Aniline & Chemical Co., 100 William, New York
 *National Chemical Co. of Cal., 906 E 3d, Los Angeles, Cal.
 *National Color & Chemical Wks., 59th & 11th ave, New York
 *National Electrolytic Co., Niagara Falls, N. Y.
 National Synthetic Co., Perth Amboy, N. J.
 *Naugatuck Chemical Co. (Heavy); Naugatuck, Conn.
 Newport Chemical Wks., Milwaukee, Wis.
 Newport Hydro Carbon Co., Milwaukee, Wis.
 *Niagara Electro Chemical Co. (Metallic Sodium & Sodium Peroxide), Niagara Falls, N. Y.

North American Chemical & Engineering Co. (For Boiler Feed Water Treatment), 23 Old Slip, New York
 *Nusbaum Chemical Co., Bradford, Pa.
 Ohio Chemical Mfg. Co., 250 Fremont, San Francisco, Cal.
 Olivoint Chemical Co., 275 Post, San Francisco, Cal.
 *Onyx Oil & Chemical Co., Jersey City, N. J.
 *Pacific Ammonia & Chemical Co., St. Louis, Mo.
 *Paper Makers Chemical Co., Easton, Pa.
 *Partola Mfg. Co. (Heavy), 160 2d av, New York
 *Penn Chemical Co., Susquehanna, Pa.
 *Penn Chemical Works, 1332 Washington av, Phila., Pa.
 Penna Salt Mfg. Co., Widener blvd, Phila., Pa.
 *Penwarden E. Darwin, Carley Brook, Pa.
 Perth Amboy Chemical Wks., Perth Amboy, N. J.
 *Pfizer Chas. & Co., 81 Maiden la, New York
 *Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
 *Primos Chemical Co., Primos, Pa.
 *Provident Chemical Wks., St. Louis, Mo.
 Pyro Chemical Co., 56 Pine, New York
 Rhodes Jas. H. & Co. (Industrial Chemicals), 157 W Austin av, Chicago, Ill.
 *Roessler & Hasslacher Chemical Co., 100 William, New York
 *Royal Chemical Co., 4 Weybosset, Providence, R. I.
 *Russell Chemical Co., Russell, Pa.
 Salomon L. A. & Bro., 216 Pearl, New York
 Sanderson Fertilizer & Chemical Co., New Haven, Conn.
 *Sherwin-Williams Co., 601 Canal rd, N. W. Cleveland, O.
 *Solvay Process Co., Syracuse, N. Y.
 *Squibb E. R. & Sons, 80 Beekman, New York
 Stamford Mfg. Co. (Chemicals & Dye-stuffs), 82 Wall, New York, Factory, Stamford, Conn.
 Standard Chemical Co., 310 California, San Francisco, Cal.
 Standard Chemicals & Metal Corp., 46 Cedar, New York
 Standard Scientific Co., 147 Waverly pl, New York
 *Stein, Hirsh & Co., 61 B'way, New York
 *Swiss Colors Co. (Imp.), 15 E 12th, New York
 *Talbot Dyewood & Chemical Co., Lowell, Mass.
 *Tartar Chemical Co., 135 William, New York
 *Taylor Chemical Co., Penn Yan, N. Y.
 Thayer E. M. & Co. (Imp.), 411 Atlantic av, Boston, Mass.
 *Thayer Henry & Co., Cambridge, Mass.
 *Thomson Chemical Co., Munsey bldg, Baltimore, Md.
 *Transatlantic Chemical Corp., Linden, N. J.
 *United Chemical Companies, Kansas City, Mo.
 *Van Schaack Bros. Chemical Wks., 443 W Huron, Chicago, Ill.
 *Vass Chemical Co., Danbury, Conn.
 *Vera Chemical Co. (Papermakers), Hopkins & Willard av, N Milwaukee, Wis.
 *Virginia-Carolina Chemical Co., Richmond, Va.
 Virginia Consolidated Chemical Corp., 100 B'way, New York
 Wander S. & Sons Chemical Co., Albany, N. Y.
 *Western Chemical Products Co., 115 E South Water, Chicago, Ill.
 *White Tar Co., John & Cliff, New York
 Whitelawn Bros. Chemical Co. (Jobbers), 15 So Wharf, St. Louis, Mo.
 Wiarda John C. & Co. (For Glass, Enamel, Pottery, Textile, Steel, Varnish, Nickel & Electroplaters, etc), 273 Greene, Brooklyn, N. Y.
 *Williamsburg Chemical Co. (Textile), 230 Morgan av, Brooklyn, N. Y.
 *Wilson Chemical Co., Tyrone, Pa.
 Wing & Evans (Jobbers), 22 William, New York
 Winkler Isaac & Bros. (Whol.), 1st Nat. Bank bldg, Cincinnati, O.
 *Wolf Jacques & Co. (Textile, etc), 369 Harrison, Passaic, N. J.
 Worden Chemical Wks. (Textile), 4 Cedar, New York
 *Wright Chemical Co., Susquehanna, Pa.

2438—Chemicals (Battery)

Baker & Winsor (Blue Vitriol), 189 Eddy, Providence, R. I.
 Butterworth-Judson Co. (Blue Vitriol), Av R, Newark, N. J.
 Chemical Importing & Mfg. Co., 90 West, New York
 Clendenin Bros. (Blue Vitriol), Central av & Fawn, Baltimore, Md.
 Contact Process Co., Buffalo, N. Y.
 Cooper Chas. & Co., 194 Worth, New York
 Doggett Stanley, 11 Cliff, New York
 Elmer & Amend, 205 3d av, New York
 Fergusson Bros. (Blue Vitriol), 109 Chestnut, Phila., Pa.
 General Chemical Co. (Blue Vitriol, etc), 25 Broad, New York
 Globe Chemical Co., Murray rd, Cincinnati, Ohio
 Grasselli Chemical Co. (Blue Vitriol, Storage Battery Acid), Guardian bldg, Cleveland, O.
 Harding & Fancourt, 516 S Del., Phila., Pa.
 Harshaw, Fuller & Goodwin Co. (Blue Vitriol), Electric bldg, Cleveland, O.
 Innis, Speiden & Co., Inc. (Blue Vitriol Jobbers), 46 Cliff, New York
See adv index at end of book
 Jaech Hector C., 215 Russell, Brooklyn, N. Y.
 Kalbfleisch Franklin H. Co., B'way & 16th, New York
 Klipstein A. & Co., 644 Greenwich, New York
 Mallinckrodt Chemical Works, 2nd & Mallinckrodt, St. Louis, Mo.
 Merck & Co., 45 Park pl, New York
 Merrimac Chemical Co., 148 State, Boston, Mass.
 National Zinc Co. (Batten Acid, etc), Kansas City, Kan.
 Nichols Copper Co. (Blue Vitriol), 25 Broad, New York
 Picher Lead Co., 208 S La Salle, Chicago, Ill.
 Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.
 Riverside Acid Wks., Warren, Pa.
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Virginia Consolidated Chemical Corp., 100 B'way, New York
 Western Chemical Mfg. Co., Denver, Colo.
 White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.
 Wiarda John C. & Co. (Blue Vitriol), 273 Greene, Brooklyn, N. Y.

2439—Chemicals (Enamellers' & Glass Makers')

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Virginia Consolidated Chemical Corp., 100 B'way, New York
 Wiarda J. C. & Co., 273 Greene, Brooklyn, N. Y.

2440—Chemicals (Fireworks)

Chemical Importing & Mfg. Co., 90 West, New York
 Virginia Consolidated Chemical Corp., 100 B'way, New York

2441—Chemicals (Mantle, Incandescent Light)

Lieber H. & Co., 14 Platt, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York

Chemicals (Nickel & Electroplating)

See index of contents for specific item desired

2442—Chemicals & Gases (Liquified)

Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
 White S. S. Dental Mfg. Co., 12th & Chestnut, Philadelphia, Pa.

2443-4—Chemists

See also Assayers; also Laboratories
 Allentown Testing Laboratory (Analytical & Consulting), Allentown, Pa.

Barrow Laboratory Co. (Analytical & Consulting), Memphis, Tenn.
 Booth, Garrett & Blair (Metallurgical), 404 Locust, Phila., Pa.
 Brown Laboratories (Analytical), Nashville, Tenn.
 Carmichael Henry (Analytical & Consulting), 88 Broad, Boston, Mass.
 Chemical Service Laboratories (Analytical & Consulting), Real Estate Trust bldg, Phila., Pa.
 Curtis & Tompkins (Analytical), 108 Front, San Francisco, Cal.
 Davis Geo. C. (Metallurgical), 39 S 10th, Phila., Pa.
 Davenport & Keeler, New Britain, Conn.
 Deavitt H. M. (Analytical & Consulting), 209 S La Salle, Chicago, Ill.
 Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
 Eaton Laboratories, 340 Sansome, San Francisco, Cal.
 Falkenburg & Laucks, Seattle, Wash.
 Gascoyne & Co. (Analytical & Consulting), 27 S Gay, Baltimore, Md.
 Gulick, Henderson Co., 21 Park row, New York, & Pittsburgh, Pa.
 Hamlin & Morrison (Analytical), 19 S 4th, Phila., Pa.
 Hanks A. A. (Analytical), 630 Sacramento, San Francisco, Cal.
 Holtzendorf Laboratories (Analytical), Memphis, Tenn.
 Kann Robt. (Analytical), 124 Front, New York
 Kavin Chas. C. Co., 417 S Dearborn, Chicago, Ill.
 Lippman & Sugarman, 135 Stockton, San Francisco, Cal.
 Little Arthur D., Inc., 93 Broad, Boston, Mass.
 Mariner & Hoskins, 111 W Monroe, Chicago, Ill.
 Maywald Frederick J., 89 Pine, New York
 Meade Laboratories, Law bldg, Baltimore, Md.
 Miles Geo. W. (Analytical & Consulting), 88 Broad, Boston, Mass.
 Pacific Wasserman Laboratories, Pacific bldg, San Francisco, Cal.
 Perkins Geo. E. (Analytical & Consulting), 1620 Smith, Providence, R. I.
 Picard-Law Co. (Consulting & Analytical) Atlanta, Ga.
 Pitkin Lucius (Analytical & Consulting), 47 Fulton, New York
 Pratt N. P. Laboratory (Analytical), Atlanta, Ga.
 Sadtler Sam'l P. & Son (Consulting & Analytical), 210 S 13th, Phila., Pa.
 Saunders & Franklin (Analytical & Consulting), 184 Whittier av, Providence, R. I.
 Scott & Gilbert (Manufacturing), 116 1st, San Francisco, Cal.
 Sharples Stephen P. (Analytical & Consulting), 26 Broad, Boston, Mass.
 Sherman Herbert L. (Analytical & Consulting), 12 Pearl, Boston, Mass.
 Siebel J. E. & Sons Co., 962 Montana, Chicago, Ill.
 Smith, Emery & Co., 651 Howard, San Francisco, Cal.
 Smith Laboratory (Analytical), Mt. Pleasant, Tenn.
 Smith, Rudy & Co., 411 Walnut, Phila., Pa.
 Sowers Osso (Analytical), 104 John, New York
 Stillwell Laboratory (Analytical), 76 Pine, New York
 Stillwell & Gladding (Analytical), 181 Front, New York
 Teeple Jno. E., Ph. D. (Consulting & Chemical Engineer), 50 E 41st, New York
 Upjohn Co. (Pharmaceuticals), Kalamazoo, Mich.
 Wiedemann H. E. (Consulting & Analytical), Chemical bldg, St. Louis, Mo.
 Wiley & Co. (Analytical & Consulting), 7 S Gay, Baltimore, Md.

2445— Chests (Cedar)

Acme Mfg. Co., South Bend, Ind.
 American Sash & Door Co., Kansas City, Mo.
 Blue Ridge Red Cedar Co., Reidsville, N. C.
 Burrowes E. T. Co., 70 Free, Portland, Me.
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
 Colonial Red Cedar Chest Co., Lincoln, Neb.
 Farley & Loetscher Mfg. Co., Dubuque, Ia.

Huttig Sash & Door Co., 126 Old Manchester, St. Louis, Mo.
 Kane Blind & Screen Co., Kane, Pa.
 Lookout Planing Mills, Chattanooga, Tenn.
 Roos Mfg. Co. (Red Cedar), 967 W 20th, Chicago, Ill.
 Standard Red Cedar Chest Co., Altavista, Va.
 Stewart G. S. Co., Norwalk, O.
 Vestal Lumber & Mfg. Co. ("Tennessee" Red Cedar), Knoxville, Tenn.
 West Branch Novelty Co., Milton, Pa.
 Western Sash & Door Co., Kansas City, Mo.
 Wisconsin Chair Co., Pt. Washington, Wis.

Chests (Ice)

See Refrigerators

2445a—*Chests (Machinists' Wood)



99 Railroad Street, Rochester, N. Y.

2446— Chests (Stuff)

Dillon Machine Co., Lawrence, Mass.
 Dilts Machine Works (Inc.), (Horizontal & Vertical), Fulton, N. Y.
 Noble & Wood Machine Co., Hoosick Falls, N. Y.
 Valley Iron Works Co., Appleton, Wis.

2447— Chests (Tool)

American Mfg. Concern (Toy & Carpenter), Falconer, N. Y.
 Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Archer Newton H. (Machinists), New Haven, Conn.
 Cardington Cabinet Co., Cardington, O.
 Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
 Economy Mfg. Co., 508 Commerce, Philadelphia, Pa.
 Gerstner H. & Sons (Portable), Dayton, O.
 Jennings C. E. & Co., 71 Murray, New York
 Mossberg Frank Co. (Socket "No. 300"), Attleboro, Mass.
 Page, Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
 Paine Furniture Co., 81 Arlington, Boston, Mass.
 Pilloid Lumber Co., Swanton, O.
UNION TOOL CHEST WORKS ("Union" Suit Case, for Machinist Chests. Cabinets, Cases, etc., Stock & Special), 99 Railroad, Rochester, N. Y.
See adv index at end of book
 Vanderman Mfg. Co. (Steel), Willimantic, Conn.
 Wedell & Boers, 157 Jefferson, Detroit, Mich.
 West F. M. Box Co., Springfield, Mass.
 Wilbur Corporation, New Haven, Conn.

2447a—*Chests (Tool, Wood)



99 Railroad Street, Rochester, N. Y.

2448— Chicory Mfrs.

Brandt C. H. W., Stockton, Cal.
 Frank Chicory Co., Bay City, Mich.
 Muller E. B. & Co., Port Huron, Mich.
 Vanneste Bros., Capsac, Mich.

2449—Chimes (Saddle, Pole, Hame, Etc.)

Bevin Bros. Mfg. Co., East Hampton, Conn.
 Starr Bros. Bell Co., East Hampton, Conn.

Chimney Pipe

See Linings, Flue

2450— Chimney Tops

American Sewer Pipe Co., Akron, O.
 Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
 Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
 Baltimore Terra Cotta Works, 1300 Covington, Baltimore, Md.
 Bannon P. Pipe Co., Louisville, Ky.
 Blackmer & Post Pipe Co. (Fire Clay), Boatmen's Bank bldg, St. Louis, Mo.
 Buckeye Fireclay Co., Uhrichsville, O.
 Cannelton Sewer Pipe Co., Cannelton, Ind.
 Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
 Clark N. & Sons, 116 Natoma, San Francisco, Cal.
 Clawson L. E. Co., 80 Page, San Francisco, Cal.
 Dee Wm. E. Co., 30 N La Salle, Chicago, Ill.
 Dickey W. S. Clay Mfg. Co., Kansas City Mo.
 Evans Clay Mfg. Co., Uhrichsville, O.
 Evens & Howard Fire Brick Co., 920 Howard, St. Louis, Mo.
 Excelsior Fire Clay Co. ("Excelsior"), Lisbon, O.
 Frantz Mfg. Co., Sterling, Ill.
 Gladding, McBean & Co., Crocker bldg San Francisco.
 Iwan Bros., South Bend, Ind.
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
 Macomb Sewer Pipe Co., Macomb, Ill.
 New York Pottery Co., Fuller bldg, New York
 Quinn Wire & Iron Works (Cast Iron), Boone, Ia.
 Reeve Augustus, Camden, N. J.
 Robinson Clay Product Co., Akron, O.
 Stevens H. Sons Co., Macon, Ga.
 Streater Clay Mfg. Co., Streater, Ill.
 Waterloo Register Co., Waterloo, Ia.

2451—Chimney Tops (Revolving)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
 Berger Mfg. Co., Canton, O.
 Feld Geo. A. Co., 162 E. 129th, New York
 Iwan Bros., South Bend, Ind.
 Milwaukee Corrugating Co., Milwaukee, Wis.
 National Mfg. Co., Sterling, Ill.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 Quinn Wire & Iron Works ("Dandy"), Boone, Ia.
 Sterling Fdry. Co. ("Best"), Sterling, Ill.
 Williams Hardware Co. ("Powers"), Streater, Ill.

Chimney Tops (Slate)

See Slate Stair Treads & Risers

2452— Chimneys (Concrete)

Custodis Alphons Chimney Construction Co., 95 Nassau, New York
 General Concrete Construction Co. (Tapering Reinforced), Manhattan bldg, Chicago, Ill.
 Heine Chimney Co. (The) (Reinforced Concrete), 123 W Madison, Chicago, Ill.
KELLOGG M. W. CO., 90 West, New York
See adv index at end of book
 Rust Engineering Co. (Reinforced), Farmers Bank bldg, Pittsburgh, Pa.
 Weber Chimney Co. ("Weber," Reinforced Concrete), McCormick bldg, Chicago, Ill.
 Wiederholdt Construction Co. ("Wiederholdt," Tile), Old Bank of Commerce, St. Louis, Mo.

Chimneys for Power Plants

See Stacks, Steel; Also Chimneys, Steel

2453— Chimneys (Forge)

Lourie Mfg. Co. ("Sure-Draft"), Springfield, Ill.

2454—Chimneys (Lamp, Glass)

Bridgeport Lamp Chimney Co., Bridgeport, W. Va.
 Co-Operative Enterprise Glass Co., North Vernon, Ind.
 Corning Glass Wks. ("Nonex"), Corning, N. Y.
 Dunbar Flint Glass Co., Dunbar, W. Va.
 Fostoria Glass Co., Moundsville, W. Va.

Gill Bros. Co. ("Acme," "Royal," "O. K."), Steubenville, O.
 Gill E. & Co., York & Thompson, Phila., Pa.
 Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
 Glenshaw Glass Co., Glenshaw, Pa.
 Lippincott Glass Co., Alexandria, Ind. (See Cincinnati, O.)
 McBride Thomas, Industrial, W. Va.
 Macbeth-Evans Glass Co. ("Macbeth," Pearl Top & Pearl Glass, "Keystone," "Zenith," "Iron Clad," "Superior," "Crescent," "Empire"), Wabash bldg, Pittsburgh, Pa.
 McKee Glass Co., Jeannette, Pa.
 Nelite Works, Cleveland, O.
 Phoenix Glass Co., 2d National Bank bldg, Pittsburgh, Pa.
 Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
 Star Glass Co., Star City, W. Va.
 Tulsa Glass Co., Tulsa, Okla.
 Wellington Glass Co., Cumberland, Md.
 Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.

2455—Chimneys (Mica)

Gleason E. P. Mfg. Co., 37 Murray, New York
 Huse Jos. & Son, 91 Blackstone, Boston, Mass.
 Mica Mfg. Co., 454 18th, Brooklyn, N. Y.
 Munsell Eugene & Co. (Micalite), 68 Church, New York
 North Carolina Mica Co., 80 North, Boston, Mass.
 Storrs Mica Co., Owego, N. Y.

2456—Chimneys of Perforated Radial Blocks

See also Chimneys, Concrete

Bergen & Lindeman, 161 B'way, New York
 Custodis Alphons Chimney Construction Co., 95 Nassau, New York
 Heine Chimney Co. (The), 123 W Madison, Chicago, Ill.
 Heinicke H. R. Inc., 147 4th av, New York
KELLOGG M. W. CO. (Corrugated Radial Brick), 90 West, New York
See adv index at end of book
 Rust Engineering Co., Farmer Bank bldg, Pittsburgh, Pa.

2457—*Chimneys (Steel)

See Also Stacks, Steel

CHICAGO BRIDGE & IRON WORKS (Self-Supporting), 2015 Old Colony bldg, Chicago, Ill.

For branch offices see adv index at end of book

DOVER BOILER WORKS (Self-Supporting), Sales Office: 50 Church, New York; Works: Dover, N. J.

See adv index at end of book

MAC KINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.

See adv index at end of book

THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.

See adv index at end of book

2458—China (Domestic, Decorated & Plain)

Anchor Pottery, Trenton, N. J.
 Bennett Edwin Pottery Co., Baltimore, Md.
 Buffalo Pottery, Buffalo, N. Y.
 Canonsburg Pottery Co., Canonsburg, Pa.
 Carrollton Pottery Co., Carrollton, O.
 Cartwright Bros. Co., East Liverpool, O.
 Colonial Co., East Liverpool, O.
 Cook Pottery Co., Trenton, N. J.
 Crooksville China Co., Crooksville, O.
 East Liverpool Potteries Co. (Decorated), East Liverpool, O.
 French China Co. (Dinner, Toilet), Sebring, O.
 Greenwood China Co., Trenton, N. J.
 Hall China Co., East Liverpool, O.
 Harker Pottery Co. (Decorated), East Liverpool, O.
 International Pottery Co (Decorated, Semi-vitreous), Trenton, N. J.
 Ionia Fine Art Pottery, Trenton, N. J.
 Knowles, Edwin M. China Co. (Dinner, Toilet), East Liverpool, O.
 Knowles, Taylor & Knowles (Decorated, Semi-vitreous), East Liverpool, O.

Laughlin Homer China Co. (Decorated), East Liverpool, O.
 Lenox Incorporated, Trenton, N. J.
 Leopold J. & Co., 101 Hanover, Baltimore, Md.
 Limoges China Co. (Table), Sebring, O.
 McNicol, D. E. Pottery Co. (Decorated), East Liverpool, O.
 McNicol-Corns Co., Wellsville, O.
 Mayer China Co., Beaver Falls, Pa.
 Mercer Pottery Co. (Decorated, White), Trenton, N. J.
 National China Co., Salineville, O.
 Ohio China Co. (Decorated), East Palestine, O.
 Owen China Co. (All Kinds), Minerva, O.
 Patterson Bros. (Decorated), Wellsville, O.
 Pope-Gosser China Co., Coschocton, Pa.
 Potters Co-Operative Co. (Decorated), East Liverpool, O.
 Royal China Co., Sebring, O.
 Sebring E. H. China Co. (Table), Sebring, Ohio
 Smith-Phillips China Co. (Decorated), East Liverpool, O.
 Standard Pottery Co. (Decorated), East Liverpool, O.
 Steubenville Pottery Co., Steubenville, O.
 Summit China Co., Akron, O.
 Taylor, Smith & Taylor Co., East Liverpool, O.
 Thompson, C. C. Pottery Co. (All Kinds), East Liverpool, O.
 Trenle China Co., East Liverpool, O.
 Trenton Potteries Co. (Decorated), Trenton, N. J.
 Tritt China Co., Niles, O.
 Vodrey Pottery Co. (Decorated), East Liverpool, O.
 Warwick China Co. (Table), Wheeling, W. Va.
 Wellsville China Co. (Decorated), Wellsville, O.
 West End Pottery Co. (Table), East Liverpool, O.
 Worcester China Co., Sebring, O.
 Wylie H. R. China Co., Huntington, W. Va.

2459—Chippers (Cable)

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2460—Chippers & Shredders (Extract & Dye Wood)

Mitts & Merrill, 1939 S Water, Saginaw, Mich.
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

2461—Chippers (Ice)

Alaska Freezer Co. ("Alaska"), Winchendon, Mass.
 Arcade Mfg. Co., Freeport, Ill.
 Bernardin Bottle Cap Co. ("Halsey"), Evansville, Ind.
 Blakeslee G. S. & Co., 2856 Quinn, Chicago, Ill.
 Gifford-Wood Co. (Malleable Iron Handle), Hudson, N. Y.
 Gilchrist Co., 236 Bank, Newark, N. J.
 Landers, Frary & Clark, New Britain, Conn.
 North Bros. Mfg. Co. ("Crown," "Lightning"), Lehigh av & American, Phila., Pa.
 Thayer Mfg. Co., Williamsburg, Mass.
 Wagner Mfg. Co. ("Wagner Danger," Combination Chisel Chipper), Cedar Falls, Ia.
 Wrightsville Hardware Co., Wrightsville, Pa.

2461a—*Chips (Quassia)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

2462—Chisels (Belt)

Manufacturers' Belt Hook Co. ("L-X"), 113 N Green, Chicago, Ill.

Chisels (Blacksmiths')

See Chisels, Cold & Cape

2463—Chisels (Box, Openers)

See also Pullers, Nail

American Cutlery Co. (Steel Nickel-Plated Cigar Box, etc.), 764 Mather, Chicago, Ill.
 Arcade Mfg. Co. ("Berry"), Freeport, Ill.

Bagshaw & Field, 445 N 5th, Phila., Pa.
 Bonner Tool Co. ("Victor" Drop Forged), Champaign, Ill.
 Bonney Vise & Tool Works (Drop Forged), Allentown, Pa.
See adv index at end of book
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Brewer Bros. Co. (Claw), 614 Filbert, Phila., Pa.
 Bridgeport Hardware Mfg. Corp. ("Globe," "Matchless," "Box Terrier," "Nox-Tox"), Bridgeport, Conn.
 Buffum Tool Co. ("Swastika," Flat, Mallet Head, Plain, etc), South Side, Louisiana, Mo.
 Carver Tool Works, Spring Valley, N. Y.
 Drew, C. & Co., Kingston, Mass.
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
 Germantown Tool Works (Solid Tool Steel), 521 Market, Phila., Pa.
 Grammes, L. F. & Sons, Allentown, Pa.
 Humason & Beckley Mfg. Co. ("H. & B." Cast Steel), New Britain, Conn.
 Johnson, Wm. (Hedenberg Works, Newark, N. J.
 Kilborn & Bishop Co., New Haven, Conn.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Lowentraut, P. Mfg. Co., 36 Brenner, Newark, N. J.
 Mellor Box Opener Co. ("Mellor" Box Opener, Nail Puller & Hammer), Sedalia, Mo.
 Morrill, Chas. ("Morrill" Combination Nail Puller, Box Opener, Box Chisel, Pry, Hammer & Box Wire & Strap Cutter), 100 Lafayette, New York.
 Nicol & Co. ("N. & Co."), 218 N Jefferson, Chicago, Ill.
 Osborne, C. S. & Co., Harrison, N. J.
 Peck, Stow & Wilcox Co., Southington, Conn.
 S. & I. Co., Springfield, Mass.
 Sargent & Co., New Haven, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
 Vaughan & Bushnell Mfg. Co. ("V & B," for Shoe Dealers, etc.), 2114 Carroll av, Chicago, Ill.
 Warner Hammer Co., Cromwell, Conn.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2464-5—Chisels (Bricklayers')

Anderson W. H. Tool & Sup. Co., Brush & Macomb, Detroit, Mich.
 Atha Tool Co., Chapel, Newark, N. J.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Brewer Bros. Co., 614 Filbert, Phila., Pa.
 Brunner & Lay, 570 W Polk, Chicago, Ill.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Carver Tool Works, Spring Valley, N. Y.
 Collins Co., Collinsville, Conn.
 Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
 Evansville Tool Works, Evansville, Ind.
 Kilborn & Bishop Co. ("Silex"), New Haven, Conn.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Marshalltown Trowel Co., Marshalltown, Ia.
 Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
 Ohio Tool Co., Charleston, W. Va.
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
 Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
 S. & I. Co. ("Never-Break"), Springfield, Mass.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Vaughan & Bushnell Mfg. Co. ("V & B"), 2114 Carroll av, Chicago, Ill.
 Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2466—Chisels (Calking)

See also Tools, Calking

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Atha Tool Co., Chapel, Newark, N. J.
 Bernz Otto (Plumbers'), 21 Ashland av, Newark, N. J.
 Braunsdorf-Mueller Co., Elizabeth, N. J.

Buffum Tool Co. ("Swastika," Boiler-makers', Plumbers, Fire Hydrant), South Side, Louisiana, Mo.
 Carver Tool Works, Spring Valley, N. Y.
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
 Drew C. & Co., Kingston, Mass.
 Eagle Tool Works, Bayonne, N. J.
 Johnson Wm. (Hedenberg Wks), Newark, N. J.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
 Marine Hardware-Equipment Co. ("Acme" & Mheco"), So. Portland, Me.
 Mueller H. Mfg. Co., Decatur, Ill.
 New York Mallet & Handle Works, 743 E 11th, New York
 Osborne C. S. & Co., Harrison, N. J.
 Starbuck R. M. & Sons, Hartford, Conn.
 Stortz Jno. & Son (Plumbers'), 210 Vine, Phila., Pa.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

2467—Chisels (Cold & Cape)

Atha Tool Co., Chapel, Newark, N. J.
 Atwater Mfg. Co. (Tool Steel Cold Chisels), Southington, Conn.
 Bagshaw & Field 445 N 5th, Phila., Pa.
 Beall Bros., Alton, Ill.
 Bicknell Mfg. & Supply Co., Janesville, Wis.
 Billings & Spencer Co. ("B & S," Drop Forged, Cold), Hartford, Conn.
 Bonner Tool Co. ("Victor" Drop Forged Cold Chisels), Champaign, Ill.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Brewer Bros. Co. (Cast Steel), 614 Filbert, Phila., Pa.
 Buck Bros., Millbury, Mass.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Carver Tool Works, Spring Valley, N. Y.
 Champion Tool Co. (Cold Only), Meadville, Pa.

THE CINCINNATI TOOL CO.

HARGRAVE

Norwood, Cincinnati, O.

Cleveland Punch & Shear Works Co. (Diamond Point, Half Round Nose), 3921 St. Clair av, N E, Cleveland, O.
 Cleveland Steel Tool Co. (Cold, All Shapes), Cleveland, O.
 Collins Co., Collinsville, Conn.
 Crescent Novelty Mfg. Co. (Machinists & Plugging), 703 S B'way, St. Louis, Mo.
 Cronk & Carrier Mfg. Co. (Cold Chisels Only), Elmira, N. Y.
 Curtiss Geo. L. Co., Southington, Conn.
 Dicke Tool Co., Downers Grove, Ill.
 Drew C. & Co., Kingston, Mass.
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
 Eagle Tool Works, Bayonne, N. J.
 Evansville Tool Works, Evansville, Ind.
 Goodell-Pratt Co., Greenfield, Mass.
 Hammond C. & Son (Cold), Ognotz, Pa.
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
 Johnson Wm. (Hedenberg Wks.), Newark, N. J.
 Kilborn & Bishop Co. (Drop Forged), New Haven, Conn.
 Klein-Logan Co. (Cold, Hand Chipping), 13th & Breed, Pittsburgh, Pa.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
 Marcy Tool Works, Putnam, Conn.
 Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
 Mound Tool Co. (Engineers' Chums), 1203 S 7th, St. Louis, Mo.
 Mueller H. Mfg. Co., Decatur, Ill.
 Ohio Tool Co., Charleston, W. Va.
 Osborne C. S. & Co., Harrison, N. J.

Oswego Tool Co., Oswego, N. Y.
 Peck, Stow & Wilcow Co. (Cold), Southington, Conn.
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
 Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
 S. & I. Co., Springfield, Mass.
 Sargent & Co. (Cold), New Haven, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Smith H. D. & Co. ("Sharpen Ezy," Drop Forged), Plantsville, Conn.
 Smith & Hemenway (Cold), 76 Chambers, New York
See adv index at end of book
 Snell Mfg. Co. (Cold Chisels Only), Fiskdale, Mass.
STAR EXPANSION BOLT CO., 147 Cedar, New York
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's Specialty"), 21 Walker, New York *See adv index at end of book*
 Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Thomson Drop Forge Co., Plantsville, Conn.
 Tucke Mfg. Co. (Cold), Brockton, Mass.
 Van Doren Mfg. Co. ("Vandor") Chicago Heights, Ill.
 Vaughan & Bushnell Mfg. Co. ("V & B" Cast Steel), 2114 Carrol av, Chicago, Ill.
 Verona Tool Wks., Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.
 Warner Hammer Co., Cromwell, Conn.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
 Wilcox, Crittenden & Co. (Cold Chisels Only), Middletown, Conn.

2468—*Chisels (Diamond Point)

Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book

2469—Chisels (Floor)

Atha Tool Co. (Solid Cast Steel), Chapel, Newark, N. J.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Buck Bros., Millbury, Mass.
 Eagle Tool Works, Bayonne, N. J.
 Johnson Wm. (Hedenberg Wks), Newark, N. J.
 Kilborn & Bishop Co., New Haven, Conn.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Mueller H. Mfg. Co., Decatur, Ill.
 Osborne C. S. & Co., Harrison, N. J.
 Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
 S. & I. Co., Springfield, Mass.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stortz Jno. & Son, 210 Vine Phila., Pa.
 Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

2470—Chisels (Hollow Mortising, Etc.)

Defiance Machine Works (Hub), Defiance, Ohio
 Forest City Bit & Tool Co. (Common, Hub, Franking, etc), Rockford, Ill.
 Greenlee Bros. & Co., Rockford, Ill.
 Pugh, Job T., 31st & Ludlow, Phila., Pa.
 Star Bit & Tool Co. ("W"), Rockford, Ill.

2471—Chisels (Ice)

See also Picks, Ice

American Fork & Hoe Co., Cleveland, O.
 Black, John B. Co. ("Wm. Beatty & Sons," with Socket), Chester, Pa.
 Browne W. G. Mfg. Co. ("Keen O"), Kingston, N. Y.
 Browne & Dowd Mfg. Co. ("B. & D. C."), Meriden, Conn.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Deuse J. S. Chester, Conn.

Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
 Gifford-Wood Co. (Summer Bars or Packing, etc), Hudson, N. Y.
 Gilchrist Co., 236 Bank, Newark, N. J.
 Landers, Frary & Clark (Steel Blades), New Britain, Conn.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Potter Mfg. Co., Geneva, O.
 Reading Saddle & Mfg. Co. (Steel), Reading, Pa.
 Rocky Hill Hardware Co., Rocky Hill, Conn.
 Stortz John & Co., 210 Vine, Phila., Pa.
 Wagner Mfg. Co., Cedar Falls, Ia.
 White Ira F. & Son Co., Bloomfield, N. J.
 Williams A. C., Ravenna, O.
 Wrightsville Hardware Co., Wrightsville, Pa.

2472—Chisels (Oil Groove)

Van Doren Mfg. Co. ("Vandor" Machinists), Chicago Heights, Ill.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.

2473—Chisels (Plumbers')

Bernz Otto, 21 Ashland av, Newark, N. J.
 Bicknell Mfg. & Supply Co., Janesville, Wis.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Buck Bros., Millbury, Mass.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Johnson Wm. (Hedenberg Works), Newark, N. J.
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
 S. & I. Co. ("Never-Break," Calking etc), Springfield, Mass.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.
 Washington Cutlery Co., Watertown, Wis.

2474—Chisels (Pneumatic)

Cleveland Steel Tool Co. (Blank & Dressed), Cleveland, O.

Chisels (Shingle Ripping)

See Bars, Carpenters'

Chisels (Ship)

See Chisels & Gouges, Carpenters'

2475—Chisels (Stone Cutters')

See also Drills, Stone

Anderson W. H. Tool & Sup. Co., Brush & Macomb, Detroit, Mich.
 Atha Tool Co., Chapel, Newark, N. J.
 Brunner & Lay, 570 W Polk., Chicago, Ill.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Collins Co., Collinsville, Conn.
 Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
 Dallett, Thos. H. Co., Juniper & Federal, Phila., Pa.
 Evansville Tool Works, Evansville, Ind.
 Harvey, H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Mead I. V. & Co., 418 E 110th, New York
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Vlcek Tool Co. ("Vlcek") (Plain Tooth & Drafting Tooth), 10711 Quincy av, Cleveland, O.

2476—Chisels (Tile Setters')

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.

2477— Chisels (Track)

See also Tools, Track

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Atha Tool Co., Chapel, Newark, N. J.
 Beall Bros. (Inc.), Alton, Ill.
 Collins Co., Collinsville, Conn.
 Evansville Tool Works, Evansville, Ind.
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.
 Kalamazoo Ry. Supply Co., Kalamazoo, Mich.
 Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
 McInnes Steel Co. (Ltd.), Cory, Pa.
 Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.
 Vaughan & Bushnell Mfg. Co. ("V & B" Tool Steel), 2114 Carroll av, Chicago, Ill.
 Verona Tool Works, Oliver bldg, Pittsburgh, & Verona, Pa.
 Vlchek Tool Co. ("Vlchek"), 19711 Quincy av, Cleveland, O.
 Warren Tool & Forge Co., Warren, O.
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*
 Western Tool & Forge Co., Brackenridge, Pa.

Chisels (Turning)

See Chisels & Gouges, Carpenters

2478—Chisels & Gouges (Carpenters')

Bergholtz, Stroditz & Co., 2230 Ogden av, Chicago, Ill.
 Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
 Braunsdorf-Mueller Co. (Carpenters, Plumbers & Turning), Elizabeth, N. J.
 Buck Bros. (All kinds of Socket & Tang), Millbury, Mass.
 Buffum Tool Co. ("Swastika"), Plumbers' & Wood turners', all Steel Handle), South Side, Louisiana, Mo.
 Gardner Machine Works, Gardner, Mass.
 Greenlee Bros. & Co. ("Reliance"), Rockford, Ill.
 Jennings C. E. & Co. ("C. E. J. & Co.'s", "J. & G. Mfg. Co."), 71 Murray, New York
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Ohio Tool Co., Charleston, W. Va.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Rockford Bit Co., Kokomo, Ind.
 S. & I. Co. ("S. & I."), Springfield, Mass.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Swan Jas. Co., Seymour, Conn.
 Thomson Drop Forge Co., Plantsville, Conn.
 Union Hardware Co., Torrington, Conn.
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
 White L. & J. Co. (Full Line), 120 Columbia, Buffalo, N. Y.
 Winsted Edge Tool Works ("T. H. Witherby"), Winsted, Conn.
 Wood G. E. Tool Co., Plantsville, Conn.

2479— Chloral Hydrate

Monsanto Chemical Works, St. Louis, Mo.
 Powers-Weightman-Rosengarten Co., 9th & Parrish, Phila., Pa.

Chlorate of Potash

See Potash

2480— Chlorate of Soda

North American Chemical Co., Bay City, Mich.
 Roessler & Hasslacher Chemical Co., 100 William, New York

2481— Chlorbenzol

Standard Aniline Products (Mfrs), 366 5th av, New York

Chloride of Alumina

See Alumina

Chloride of Barium

See Barium

2482— Chloride of Calcium

Columbia Chemical Co., Barborton, O.
 Dickinson Jno. Q. & Co. ("Kanawha"), Malden W. Va.
 Eimer & Amend, 205 3d av, New York
 Eureka Calcium Works, Pomeroy, O.
 Merrimac Chemical Co., 148 State, Boston, Mass.
 Pomery Salt Assn. Co. ("Arctic"), Pomeroy, Ohio.
 Rhodes Jas. H. & Co., 157 W Austin av, Chicago, Ill.
 Roessler & Hasslacher Chemical Co., 100 William, New York
 Saginaw Chemical Co., Saginaw, Mich.
 Schwenker Wm., 342 E 92d, New York
 Solvay Process Co., Syracuse, N. Y.; Hutchinson, Kan. & Detroit, Mich.

2483— Chloride of Lime

See also Powder Bleaching

Acme White Lead & Color Works, Detroit, Mich.
 Butterworth-Judson Co., Av R, Newark, N. J.
 Champion Chemical Works, 19 W Austin, Chicago, Ill.
 Dow Chemical Co., Midland, Mich.
 Feurst Bros. & Co. (Imported), 2 Stone, New York
 Hirsh L. & Son, 368 Greenwich, New York
 Horton F. T. ("Robin Hood"), Hoboken, N. J.
 Penn Chemical Works ("Banner") 1332 Washington av, Phila., Pa.
 Pennsylvania Salt Mfg. Co. (For Purifying Water), Widener bldg, Phila., Pa.
 Platt H. B., 42 Cliff, New York
 Rath Mfg. Co. ("Imperial"), Hedley E. of Richmond, Phila., Pa.
 Reichard F. A. (Imported), 95 Madison av, New York
 Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

2484— Chloride of Silver

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

2485— Chloride of Sulphur

Dow Chemical Co. (Red & Yellow), Midland, Mich.
 Hooker Electro Chemical Co., 40 Wall, New York. Works: Niagara Falls, N. Y.
 Scheel Wm. H. (Jobbers), 159 Maiden la, New York
 Speaight Geo. W. 248 N 10th, Brooklyn, N. Y.
 Stamford Rubber Supply Co., Stamford, Conn.
 Warner Chemical Co., 52 Vanderbilt av, New York

2486— Chloride of Tin

Drakenfeld B. F. & Co. (Imp.) 50 Murray, New York

Chloride of Zinc

See Zinc Chloride

Chlorinated Lime

See Powders, Bleaching

2487— *Chlorination Plants

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

2488— Chlorinators

Electro Bleaching Gas Co., 18 E 41st, New York
 Valhalla Co. (For Laundries), 1313 Carmen av, Chicago, Ill.

2489— Chlorine

Arnold Hoffman & Co., 55 Canal, Providence, R. I.
 Castner Electrolyte Alkali Co. (Liquid & Chlorine Products), Niagara Falls, N. Y.
 Electro Bleaching Gas Co. (Liquid), 18 E 41st, N. Y.
 Goldschmidt Detining Co. (Liquid), 120 B'way, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Isco Chemical Co. ("Isco" & Derivatives), Niagara Falls, N. Y.

Niagara Alkali Co., Niagara Falls, N. Y.
 Pennsylvania Salt Mfg. Co. (Liquid), Widener bldg, Phila., Pa.

2490— Chloroform

Dow Chemical Co. (U S P), Midland, Mich.
 Midland Chemical Co., Midland, Mich.
 Pfizer Charles & Co., 81 Maiden la, New York
 Roessler & Hasslacher Chemical Co., 100 William, New York

2491—Chocks (Boat & Ship)

Berry Chas. E. (Adjustable), Sommerville, Mass.
 Gillie Machine Co., Tonawanda, N. Y.
 Superior Iron Works Co. (Roller), Superior, Wis.
 Wilcox, Crittenden & Co. ("Skene"), Middletown, Conn.

2492— Choppers (Apple)

Boutell Mfg. Co., Rochester, N. Y.
 Smith's Jno. E. Sons Co. ("Buffalo," Silent), Buffalo, N. Y.

Choppers (Ice)

See Breakers, Ice

2493—Choppers (Meat & Food)

American Cutlery Co. ("American"), 764 Mather, Chicago, Ill.
 Athol Machine Co. ("American," for Hotels, Families, Butchers, etc), Athol, Mass.
 Brecht Co., 1201 Cass av, St. Louis, Mo.
 Canton Elec.-Cut Co., Canton, O.
 Cincinnati Butchers' Supply Co., 2008 Central av, Cincinnati, O.
 Colebrookdale Iron Co. ("Keystone"), Pottstown, Pa.
 Coles Mfg. Co. (Electric), 1625 N 23d, Phila., Pa.
 Deer A. J. Co. ("Royal" Electric), Hornell, N. Y.
 Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.
 Griswold Mfg. Co. ("Griswold"), Erie, Pa.
 Hobart Mfg. Co. (Electric & Gasoline), Troy, O.
 Holwick B. C., Canton, O.
 Hurst H. L. Mfg. Co., Canton, O.
 Landers, Frary & Clark ("Universal," "Climax"), New Britain, Conn.
 Master Cutter Mach. Co., North av, Oakley, Cincinnati, O.
 National Specialty Mfg. Co., 3d & Lehigh av, Phila., Pa.
 New Standard Hardware Works ("New Standard"), Mt. Joy, Pa.
 Pan Elec. Mfg. Co., 735 S 4th, St. Louis, Mo.
 Peck, Stow & Wilcox Co. ("Ideal," "Favorite"), Southington, Conn.
 Peden Iron & Steel Co. ("Columbia"), Houston, Texas
 Reading Saddle & Mfg. Co. ("Reading," Hand Vegetable, etc), Reading, Pa.
 Rollman Mfg. Co. (Ltd.), Mt. Joy, Pa.
 Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
 Sanders Mfg. Co. (Power), 294 8th av, Newark, N. J.
 Sargent & Co. ("Gem"), New Haven, Conn.
 Schuchardt & Schutte, 90 West, New York
 Smith John E. Sons Co., 50 B'way, Buffalo, N. Y.
 SMITH & HEMENWAY CO. ("Red Devil," "U. S."), 76 Chambers, New York
See adv index at end of book
 Smith's Jno. E. Sons Co. ("Buffalo Silent," Hand or Power), Buffalo, N. Y.
 Steigert L. Co. (Also for Food, Belt Power), Logan & Elder, Cincinnati, O.
 Steiner Mfg. Co. (Electrical), 4100 N 21st, St. Louis, Mo.
 Steinfeld Bros. ("Steinfeld"), 116 W 32d, New York
 Stimpson Scale & Mfg. Co., Northville, Mich.
 Streeter N. R. & Co. ("Sterling"), Rochester, N. Y.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Troemmer Hy., 911 Arch, Phila., Pa.
Universal Store Spec. Co., Commercial &
Center, New Britain, Conn.

2494—Chromate Iron

Drakenfeld B. F. & Co. (Imp), 50 Murray,
New York

2495—Chrome Alum

Avery Chemical Co., 88 Broad, Boston,
Mass.
Bischoff C. & Co. (Imported), 451 Wash-
ington, New York
Innis, Speiden & Co. Inc., 46 Cliff, New
York. *See adv index at end of book*
Roessler & Hasslacher Chemical Co., 100
William, New York

2496—Chrome Black

Klipstein A. & Co. (Also Liquid), 644
Greenwich, New York
Reisig Chas. H. ("Imperial"), for Tan-
ners, etc) (Imp.), 269 Water, New
York

2497—Chrome Borate

Drakenfeld B. F. & Co. (Imp), 50 Murray,
New York

2498—Chrome Green

Drakenfeld B. F. & Co. (Imp), 50 Murray,
New York

2499—Chrome Oxide

Bischoff C. & Co. (Imp), 451 Washington,
New York
Drakenfeld B. F. & Co. (Imp), 50 Murray,
New York
Feuchtwanger L. & Co., 54 Fulton, New
York
Klipstein A. & Co. (Imp), 644 Greenwich,
New York
Roessler & Hasslacher Chemical Co.
(Green), 100 William, New York
Uhlich Paul & Co. (Imp), 11 Cliff, New
York
Wiarda John C. & Co. (Also Fluoride), 273
Greene, Brooklyn, N. Y.

2500—Chrome Yellow

Howell C. H. & Co. ("Queens"), 212 Race,
Phila., Pa.
Scheel Wm. H. (Imported), 159 Maiden la,
New York
Wood's Henry Sons Co., Wellesley, Mass.

2501—Chromium

Foot Mineral Co. (Imp.), 107 N 19th
Phila., Pa.
Goldschmidt Thermit Co., 120 B'way, New
York
Pfaltz & Bauer (Sulphate, Imp), 300 Pearl
New York

2502—Chromium Metal

Primos Chemical Co., Primos, Pa.

2503—Chronographs

Baird Equipment Co., 334 W Ohio, Chi-
cago, Ill.
Bausch & Lomb Optical Co., Rochester,
N. Y.
Du Vivier Ernest H., 30 Church, New York
Gaertner Wm. & Co., 5345 Lake Park av,
Chicago, Ill.
Hydro Mfg. Co. ("Hydro"), Bullitt bldg,
Phila., Pa.
International Instrument Co., 23 Church,
Cambridge, Mass.
Queen-Gray Co., 618 Chestnut, Phila., Pa.

2504—Chronometers

Bliss Jno. & Co. (Nautical, etc), 128 Front,
New York
Bond Wm. & Son (Marine, Sidereal &
Electric Break Circuit), 22 Beacon,
Boston, Mass.
Lietz A. Co., 61 Post, San Francisco, Cal.
Medinger Thos. G. (Marine & Pocket), 16
Beaver, New York
Merrill's Robt. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Riggs & Bro. (Nautical, etc), 310 Market,
Phila., Pa.
Rupp Michael & Co. (Nautical, etc), 112
Broad, New York

2505—Chucks (Air Operated)

Gisholt Machine Co., Madison, Wis.
Hannifin Mfg. Co. ("Aero"), 621 S Kolmar
av, Chicago, Ill.
Manufacturers Equipment Co., 175 N Jef-
ferson, Chicago, Ill.

2506—Chucks (Bit Brace)

Braunsdorf-Mueller Co., Elizabeth, N. J.
GREENFIELD TAP & DIE CORP. ("G.
T. D." Tap), Greenfield, Mass.
See adv index at end of book
Imboden I. C. Co. ("I. C. I."), Cleona, Pa.

2507—Chucks (Boring & Turning Mill)

Cushman Chuck Co., Hartford, Conn.
Gisholt Machine Co., Madison, Wis.
Horton E. & Son Co., Windsor Locks,
Conn.
Union Mfg. Co. ("Union"), New Britain,
Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London,
Conn. *See adv index at end of book*

2508—Chucks (Car Wheel)

Hoggson & Pettis Mfg. Co. ("Sweetland"),
New Haven, Conn.
Horton E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Skinner Chuck Co., New Britain, Conn.
Union Mfg. Co. ("Union"), New Britain,
Conn.
Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London,
Conn. *See adv index at end of book*

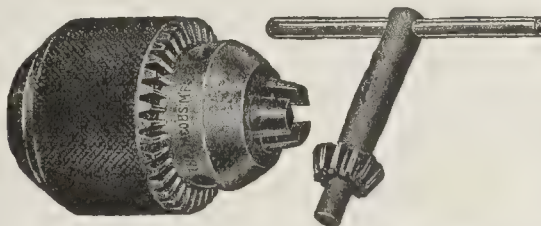
2509—Chucks (Centering)

See Chucks, Lathe

2510—Chucks (Drill)

Almond T. R. Mfg. Co. ("Almond" Stand-
ard & Geared), Ashburnham, Mass.
Automatic Drill Chuck Corp., 519 Hillger,
Detroit, Mich.
Brown R. H. & Co. ("Reed"), New Haven,
Conn.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Celfor Tool Co. ("Celfor" & "Rich"), Bu-
chanan, Mich.
Cleveland Twist Drill Co., 1 E 49th, Cleve-
land, O.
Cushman Chuck Co., Hartford, Conn.
Detroit Twist Drill Co. ("Graham"), 555-
557 Fort, Detroit, Mich.
Goodell Mfg. Co. ("Greenfield"), Green-
field, Mass.
Goodell-Pratt Co. ("Goodell-Pratt" &
"Greenfield"), Greenfield, Mass.
Handlan-Buck Mfg. Co. ("Handlan"), 210-
14 N 3rd, St. Louis, Mo.
Hoefler Mfg. Co., Freeport, Ill.
Horton E. & Son Co. ("Horton," "Mor-
row" Hand Operated Ball Bearing),
Windsor Locks, Conn.
Jacobs Mfg. Co. ("Jacobs"), 894 Park,
Hartford, Conn.
See adv index at end of book

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McCrosky Reamer Co. ("Quick Change,"
"Wizard"), Meadville, Pa.

Millers Falls Co. ("Barber"), 28 Warren,
New York. Works: Millers Falls, Mass.
Modern Tool Co. ("Magic," also for Ream-
ers & Counterbores, Taps, etc), 500
State, Erie, Pa.
Morse Twist Drill & Machine Co. ("Beach,"
"Stetson" & Center Drill), New Bed-
ford, Mass.
Narragansett Machine Co. ("Coit"), Prov-
idence, R. I.
National Twist Drill & Tool Co., Detroit,
Mich.
North Bros. Mfg. Co. ("Yankee"), Lehigh
av & American, Phila., Pa.
Oneida National Chuck Co. ("National,"
"Blacksmiths", etc), Oneida, N. Y.
Pratt Chuck Co. ("Empire" Driving Drill
Chucks, etc), Frankfort, N. Y.
Rich Tool Co., Ry. Exch. bldg, Chicago,
Ill.
Saunders D. Sons (Also Tap), Yonkers,
N. Y.
Schuchardt & Schutte ("Columbia"), 90
West, New York
Silver Mfg. Co. ("Silvers," "Advance"),
Salem, O.
Skinner Chuck Co. ("Skinner," "Stand-
ard," "New Model," "Geared Patern,"
"Positive Drive," "Pinion Key"), New
Britain, Conn.
SMITH & HEMENWAY CO. ("Giant"),
76 Chambers, New York
See adv index at end of book
Standard Tool Co., 6900 Central av, Cleve-
land, O.
Swedish Gauge Co. Inc. ("Gronkvist"), 22
W 61st, New York
Trump Bros. Machine Co., Beech & An-
chorage, Wilmington, Del.
Union Mfg. Co. ("Czar," "Union" Geared
"New Britain"), New Britain, Conn.
Victor Tool Co. ("Victor"), Waynesboro,
Pa.
Wahlstrom Tool Co. (Self-Closing), 5520
2d av, Brooklyn, N. Y.
Weaver Mfg. Co. ("Weaver's Roller Jaw"),
Springfield, Ill.
Westcott Chuck Co. ("The Westcott,"
"Oneida" & "Little Giant"), Oneida,
N. Y.
Whitman & Barnes Mfg. Co. ("Economy,"
"Norka"), Akron, O.
Whitney Mfg. Co. ("Presto"), Hartford,
Conn.
WHITON D. E. MFG. CO., New London,
Conn. *See adv index at end of book*
Wiarda F., 451 Hurlburt av, Detroit, Mich.

2511—Chucks (Engravers')

Kohaut John C., 17 Green, Newark, N. J.

2511a—Chucks (Expanding)

CHICAGO PNEUMATIC TOOL CO., Fisher
bldg, Chicago, Ill.
See adv index at end of book
Jersey City Machine Co., Jersey City, N. J.

2512—Chucks (Gate Valve Seating)

Hannifin Mfg. Co. ("Aero" Air Operated),
621 S Kolmar av, Chicago, Ill.

2513—Chucks (Grinder)

Graham Mfg. Co., 96 Point, Providence,
R. I. *See adv index at end of book*

2514—Chucks (Jaw)

American Tool & Machine Co., 10 High,
Boston, Mass.
Cleveland Twist Drill Co. (Two Jaw),
1 E 49th, Cleveland, O.
Cushman Chuck Co., Hartford, Conn.
Fray Jno. S. Co. (Three Jaw), Bridge-
port, Conn.
Gisholt Machine Co. (Three or Four Jaw),
Madison, Wis.
Hoggson & Pettis Mfg. Co. ("Sweetland"
Two-Jaw Slip Jaw), New Haven,
Conn.
Horton E. & Son Co. (Reversible), Wind-
sor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Pinkerton Mfg. Co., Phila., Pa.
Saunders D. Sons, Yonkers, N. Y.
Union Mfg. Co. ("Union"), New Britain,
Conn.
Weaver Mfg. Co. ("Weaver's" Roller),
Springfield, Ill.
WHITON D. E. MFG. CO., New London,
Conn. *See adv index at end of book*

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2515— Chucks (Lathe)

American Tool & Machine Co., 10 High, Boston, Mass.
 Carroll Jamieson Machine Tool Co., Batavia, O.
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
 Commonwealth Supply Co. ("Moss Universal" for Locomotive Driving Boxes), Mutual bldg, Richmond, Va.
 Cushman Chuck Co., Hartford, Conn.
 Gisholt Machine Co., Madison, Wis.
 Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.
 Hoggson & Pettis Mfg. Co. ("Sweetland"), New Haven, Conn.
 Horton E. & Son Co., Windsor Locks, Conn.
 Leavitt Machine Co., Orange, Mass.
 Millers Falls Co. ("Barber"), 28 Warren, New York
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 Washington, Chicago, Ill.
See adv index at end of book
 Oneida National Chuck Co., Oneida, N. Y.
 Pratt & Whitney Co., Hartford, Conn.
 Schuchardt & Schutte ("Columbia" Universal), 90 West, New York
 Simplex Tool Co., Woonsocket, R. I.
 Skinner Chuck Co. ("Skinner"), New Britain, Conn.
 Thomas Elevator Co. (Wrenches), 20 S Hoyne, Chicago, Ill.
 Union Mfg. Co., New Britain, Conn.
 Westcott Chuck Co. (The Westcott Combination, "I X L," Independent, Universal & Eccentric), Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2516— Chucks (Lever)

Potter & Johnston Machine Co. ("Universal Automatic"), Pawtucket, R. I.
 Saunders D. Sons, Yonkers, N. Y.
 Skinner Chuck Co., New Britain, Conn.
 Westcott Chuck Co., Oneida, N. Y.

2517— Chucks (Magnetic)

Besly Chas. H. & Co. ("Besly" Rotary), 120 N Clinton, Chicago, Ill.
 D. & W. Fuse Co., Hathaway, Providence, R. I.
 Diamond Mach. Co., 9 Coddling, Providence, R. I.
 Gardner Machine Co. ("Gardner" Rotary), Beloit, Wis.
HEALD MACHINE CO. ("Heald") Worcester, Mass.
 Persons-Arter Machine Co. ("Persons-Arter"), Worcester, Mass.
 Walker S. O. S. Co., Worcester, Mass.

2518—Chucks (Milling Machine)

Brown & Sharpe Mfg. Co., Providence, R. I.
 Hannifin Mfg. Co. ("Aero" Air Operated), 621 S Kolmar av, Chicago, Ill.
 Horton E. & Son Co., Windsor Locks, Conn.
 Oneida National Chuck Co., Oneida, N. Y.
 Union Mfg. Co. ("Union"), New Britain, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2519— Chucks (Nipple)

Bignall & Keeler Machine Works, Edwardsville, Ill.
 Glauber M. & Co., 103 Varick, New York
 Jarecki Mfg. Co., Erie, Pa.
 Murchey Machine & Tool Co. ("Quick-Acting"), Detroit, Mich.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2520—*Chucks (Oval Turning)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

2521— Chucks (Planer)

Cincinnati Planer Co., Cincinnati, O.
See adv index at end of book
 Fox Machine Co., Jackson, Mich.
 Horton E. & Son Co., Windsor Locks, Conn.
 Redin, Ekstrom & Co., Rockford, Ill.
 Skinner Chuck Co. ("Skinner"), New Britain, Conn.
 Union Mfg. Co. ("Union"), New Britain, Conn.

2522— Chucks (Projectile)

Union Mfg. Co. ("Union"), New Britain, Conn.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2523— Chucks (Revolving)

Modern Tool Co., Erie, Pa.
 Scott & Sons Co. ("Ess-Ess"), Medford, Mass.

2524—Chucks (Screw Machine)

Garvin Machine Co., 147 Varick, New York
 Gisholt Machine Co., Madison, Wis.
 Horton E. & Son Co., Windsor Locks, Conn.
 Oneida National Chuck Co., Oneida, N. Y.
 Union Mfg. Co., New Britain, Conn.
 Westcott Chuck Co. ("Westcott Little Giant"), Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2525— Chucks (Scroll)

Cushman Chuck Co., Hartford, Conn.
 Gisholt Machine Co., Madison, Wis.
 Goodell-Pratt Co., Greenfield, Mass.
 Hoggson & Pettis Mfg. Co. ("Sweetland" Geared), New Haven, Conn.
 Horton E. & Son Co., Windsor Locks, Conn.
 Oneida National Chuck Co., Oneida, N. Y.
 Skinner Chuck Co. ("Skinner"), New Britain, Conn.
 Union Mfg. Co. ("Union" Geared, etc), New Britain, Conn.
 Westcott Chuck Co., Oneida, N. Y.
WHITON D. E. MFG. CO., New London, Conn. *See adv index at end of book*

2526—*Chucks (Sheet Metal Spinning)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

2527— Chucks (Spinning)

Hay-Budden Mfg. Co. (Forged Tool Steel), 254 N Henry, Brooklyn, N. Y.

2528— Chucks (Split)

Ames B. C. Co. ("Ames"), Waltham, Mass.
 Hardinge Bros. (Draw Back & Thrust), 4203 Ravenswood av, Chicago, Ill.
 Rivett Lathe & Grinder Co. (Self-Centering), 2 Brooks, Brighton, Boston, Mass.
 Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.

2529— Chucks (Spring)

Brown & Sharpe Mfg. Co., Providence, R. I.
 Clough R. M., Tolland, Conn.

2530— Chucks (Tapping)

Bicknell-Thomas Co. ("Bicknell-Thomas"), Greenfield, Mass.
 Errington F. A. (Auto Reverse), 39 Cortlandt, New York
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.
See adv index at end of book
 Horton E. & Son Co., Windsor Locks, Conn.
 McCrosky Reamer Co., Meadville, Pa.
 Modern Tool Co. ("Magic"), 500 State, Erie, Pa.
 Oneida National Chuck Co., Oneida, N. Y.
 Peter Bros. Mfg. Co. ("Woodstock"), ("Safety"), Algonquin, Ill.
 St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
 Scully Jones & Co., Railway Exchange, Chicago, Ill.
 Skinner Chuck Co. ("Skinner," "Positive Drive"), New Britain, Conn.
 Victor Tool Co. ("Victor"), Waynesboro, Pa.
 Westcott Chuck Co., Oneida, N. Y.
 Whitney Mfg. Co., Hartford, Conn.

2531—Chucks (Track Drill)

Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3rd, St. Louis, Mo.

2532—Chucks (Wire or Wheel)

Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Welch T. F. Co., 55 Sudbury, Boston, Mass.

Church Seating

See Furniture, Church

2533—Church Spires Repaired

Wightman Andrew, Peekskill, N. Y.

2534— Churn Dashers

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
 Stephenson Mfg. Co., South Bend, Ind.

2535— Churns

See also Dairy Apparatus & Supplies
 American Stamping & Enameling Co. (Enameled Steel), Bellaire, O.

American Wooden Ware Mfg. Co. ("Magic," "Easy," "Compound Lever," "Hero" and "Charm" Barrel; "Union," "American," "Dasher," "Eagle," "Klimax," "Cedar," "Cylinder"), Toledo, O.

Aquatic Cream Separator Co. ("Eureka" Barrel Revolving), Rochester, N. Y.

Babcock W. W. Co. ("Jackson"), Bath, N. Y.

Bing John ("R. V. Humersdorff Mache"), 381 4th av, New York

Brown M. Co. ("Brown," "Bent Wood," "Ash Dash"), Wapakoneta, O.

Buckeye Churn Co. ("Buckeye," "Ash Dasher," "Eureka," "Climax"), Sidney, O.

Burrell D. H. & Co. ("Simplex" Power Churn & Butter Worker Combined for Creameries, etc), Little Falls, N. Y.

Constance Lumber Co., Mansfield, O.

Creamery Package Mfg. Co. ("C. P."), 61 W. Kinzie, Chicago, Ill.

Dazey Churn Mfg. Co. ("Dazey" & "Family" Glass & Metal), 4301 Warne, St. Louis, Mo.

Dobson Mfg. Co. ("Favorite," Barrels, Revolving, 6 to 90 gallons), Rockford, Ill.

Dorsey Mfg. Co. ("Roberts" for Family use), 39 Pearl, Boston, Mass.

Hall Bros. Co. ("Blanchard," "Lightning" & "Cylinder"), West Acton, Mass.

Hill Wm. C. (Dairy & Creamery), Brasher Falls, N. Y.

Kohler Die & Specialty Co., De Kalb, Ill.

Landers, Frary & Clark ("Universal" Hand), New Britain, Conn.

Lisk Mfg. Co. (Ltd.) ("Lisk" Anti-Rust Tinware), Canandaigua, N. Y.

Lown & Son, Poughkeepsie, N. Y.

McDermaid J. ("Belle," "Star," White Oak Barrel Revolving, Power, etc, 10 to 100 Gallons), Rockford, Ill.

Mason Mfg. Co. ("Challenge" Geared), Canton, O.

Owatonna Fanning Mill Co. ("New Owatonna"), Owatonna, Minn.

Owatonna Mfg. Co. ("Dual"), Owatonna, Minn.

Reid A. H. Creamery & Dairy Supply Co. ("Reid," "Rectangular" Barrel Revolving & Box Factory), 69th & Haverford, Phila., Pa.

Richmond Cedar Works ("White Cedar," Cylinder, Staff or Dash), Richmond, Va.

Rumley M. Co. ("Owatonna"), La Porte, Ind.

Standard Churn Co. ("O. K.," "Standard," Anti-Bentwood Barrel, Revolving; Box Factory, Ash Dash, up to 12 Gallons), Wapakoneta, O.

Sturges & Burn Mfg. Co. (Steel), 508 S Green, Chicago, Ill.

Superior Churn & Mfg. Co. ("Superior," Stoneware Barrel, Glass Top), Northville, Mich.

Thomas Mfg. Co., Dayton, O.

Uhl Pottery Co. (Stoneware), Evansville, Ind.

Vermont Farm Machine Co. ("Vermont," "Davis," Swing, Cypress, Oak & Pine), Bellows Falls, Vt.

2536—Churns (Creamery)

Burrell D. H. & Co. ("B. & W." Square Box), Little Falls, N. Y.

Creamery Package Mfg. Co. ("C. P."), 61 W Kinzie, Chicago, Ill.

Minnetonka Co., Owatonna, Minn.

Oakes & Burger Co. (Square Box & "Cattaraugus," "Victor," "Disbrow" Churn & Worker "Bell" Barrel, etc), Cattaraugus, N. Y.

Reid A. H. Creamery & Dairy Supply Co. ("Reid's"), 69th & Haverford, Phila., Pa.

Vermont Farm Machine Co. ("V. F. M."), Bellows Falls, Vt.

2537—Chutes (Coal)

American Coal Chute Co., 14 Buffington av, Newark, N. J.

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.

Archer Iron Works, 2436 W. 34th pl, Chicago, Ill.

Beckley Perforating Co., Garwood, N. J.

Birch Mfg. Co., 1276 Clybourn av, Chicago, Ill.

Buckeye Boiler Co., Dayton, O.

Burrel Engineering Construction Co., 323 S La Salle, Chicago, Ill.

Bushnell Tank Works, Bushnell, Ill.

La Salle, Ill.

Canton Foundry & Machine Co. ("Canton" Automatic Self-Locking for Residences), Canton, O.

Channon Jas. H. Mfg. Co. (Ore Wagon), 227 W Erie, Chicago, Ill.

Chattanooga Boiler & Tank Co., Chattanooga, Tenn.

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book

Church Appliance Mfg. Co. ("Ottomatic"), La Salle, Ill.

Clark T. F. & Co., Salem, O.

Clark W. J. Co., Salem, O.

Columbus Structural Steel Co., Columbus, Ohio

Consolidated Iron Works, Hoboken, N. J.

Covert H. W. Co. (Iron Coal Windows), 351 Lexington av, New York

Decatur Cornice & Roofing Co., New Decatur, Ala.

Desmond M. Mfg. Co., Edwardsville, Ill.

Diamond Machine Co., Monongahela, Pa.

Dudley & Hanson, Lincoln, Neb.

Eagle Iron Works (For Mines), Des Moines, Ia.

Fairbanks-Morse & Co., 900 S Wabash av, Chicago, Ill.

Fairmount Mining Machinery Co. (For Mines), Fairmont, W. Va.

Gordon Lawless Co., Omaha, Neb.

Grand Rapids Foundry Co. ("Roenius," one piece steel), Grand Rapids, Wis.

Hastings Equity Grain Bin Mfg. Co., Hastings, Neb.

Hastings Foundry & Iron Works ("Queen City" Window), Hastings, Neb.

Helmick Foundry & Machine Co., Fairmont, W. Va.

Hendrick Mfg. Co., Carbondale, Pa.

Holland Furnace Co. (Window), Holland, Mich.

Holmes R. & Bros. (Mine Run), Danville, Ill.

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

Indiana Foundry Co., Indiana, Pa.

JACKSON EDWIN A. & BRO. (INC.) ("Majestic," Steel for Coal, Wood, Vegetables, etc), 50 Beekman, New York
See adv index at end of book

JEFFREY MFG. CO. (Chutes & Screens Combined), 961 N Fourth, Columbus, O.
See adv index at end of book

Kewanee Mfg. Co. (Cellar Window), Kewanee, Ill.

Koller E. L. (Galvanized), 276 Sussex av, Newark, N. J.

Kramer J & Sons Mfg. Co. (Wagon), 675 Water, New York

Lansing Co., Lansing, Mich.

Lee Loader & Body Co., 2343 So La Salle, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Littleford Bros., 444 E Pearl, Cincinnati, Ohio.

Lucas A. & Sons (For Dwellings), 1329 S Washington, Peoria, Ill.

Majestic Co. ("Majestick," Residence, Store, Gradeline, for Wood, Coal, Vegetables, etc), Huntington, Ind.

National Boiler & Sheet Iron Works (Ash & Coal), Indianapolis, Ind.

National Mfg. Co. ("Best"), Sterling, Ill.

Ohio Galvanizing & Mfg. Co. (Steel), Niles, Ohio

OHIO MFG. CO. (Combination Single & Extension, Also Angle Iron Legs for Window Chutes), P O Box 358, Painesville, O.
See adv index at end of book

Price-Evans Foundry Co., Chattanooga, Tenn.

Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

Remaly Mfg. Co., Tamaqua, Pa.

Rex-Harris Fire Appliance Co. (Iron), 39 E 19th, New York

Richards Iron Work ("Model") Burglar Proof, Also for Wood & Vegetables, Also Flush Sidewalk Chutes), Manitowoc, Wis.

Sackett Screen Co., Fredonia, N. Y.

Sackett H. B. Screen & Chute Co. (For Coal Yards), 1691 Elston av, Chicago, Ill.

Sheet Metal & Supply Co., Lancaster, Pa.

Shultz All Steel Corner Post Co. ("Shultz" Burglar Proof), St. Joseph, Mo.

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

Steel Basket Co., Cedar Rapids, Ia.

Sterling Foundry Co. ("Best" Fuel Chute), Sterling, Ill.

Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Teller R. K. (Cellar), Unadilla, N. Y.

Turl Iron & Car Co. Inc. The, 50 Broad, New York. Works: Newburgh, N. Y.

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

Union Iron Works, Hoboken, N. J.

U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.

Waterloo Register Co., Waterloo, Ia.

Webster Mfg. Co. (Locomotive Coaling only), Tiffin, O.

York Foundry & Engine Works (Cellar), York, Neb.

2538—*Chutes (Coal, Foundation Wall)

Covert H. W. Co., 351 Lexington av, New York

JACKSON EDWIN A. & BRO. (Inc.) ("Majestic"), 50 Beekman, New York
See adv index at end of book

2539—Chutes (Coal, Locomotive Coaling, Etc.)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book

Chain Belt Co., Milwaukee, Wis.

Dempsy-Degener Co., 307 4th av, Pittsburgh, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

JEFFERY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

Webster Mfg. Co., Tiffin, O.

2540—Chutes (Concrete)

Carpenter Geo. B. & Co., 440 Wells, Chicago, Ill.

Insley Mfg. Co. (Open, Closed & Flexible, with Accessories), Indianapolis, Ind.

LAKEWOOD ENGINEERING CO., Cleveland, O.
See adv index at end of book

Ransome Concrete Machinery Co., Dunellen, N. J.

Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

Union Iron Works, Hoboken, N. J.

Wylie J. S. Co. ("Wylie" Self-Supporting), Oklahoma, Okla.

2541—Chutes (Ice Recording)

Jamison Cold Storage Door Co., Hagerstown, Md.

Stevenson Cold Storage Door Co., Chester, Pa.

2542—Chutes (Package)

See also Conveyors, Gravity

Dow Wire & Iron Works ("Dow" Spiral, etc), Louisville, Ky.

Mesker Bros. Iron Co. (Spiral), 421 S 6th, St. Louis, Mo.

2543—*Chutes (Sand)

See also Chutes, Coal

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

STUEBNER G. L. IRON WORKS, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

2543a— *Chutes (Spiral)

The Haslett Spiral Chute Co.

Manufacturers of

Spiral Chutes, Gravity Roller Conveyor and all types of power-driven Merchandise Conveyors.

Office and Factory
Westmoreland and 23d St
Philadelphia, Pa.Pacific Coast Office
310 California St.
San Francisco, Cal.

2544— Chutes (Steel Plate)

Atlas Engineering Co., Amherst, O.

See adv index at end of book

Chain Belt Co., Milwaukee, Wis.

Grand Rapids Foundry Co. (For Cases, Boxes, etc), Grand Rapids, Mich.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.*See adv index at end of book*

Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Lucas A. & Sons (For Coal, etc), 1329 S Washington, Peoria, Ill.

ST. PAUL FOUNDRY CO., Como av. & Mackubin, St. Paul, Minn.*See adv index at end of book*

Turl Iron & Car Co. Inc. The, 50 Broad, New York. Works: Newburgh, N. Y.

2545— Cigar Makers' Supplies

Grammes L. F. & Sons, Allentown, Pa.

Miller, Du Brul & Peters Mfg. Co. ("Durex" Packers), 507 E Pearl, Cincinnati, O.

2546— *Cigars (Wooden)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

2547—*Circles (Brass, Copper & Bronze)

AMERICAN BRASS CO., Waterbury, Conn.*For branch offices see adv index at end of book*

2548— Circles (Platform)

Akron-Selle Co. (For Wagons, Trucks, etc), Akron, O.

Herbrand Co. (For Wagons, Trucks, etc), Fremont, O.

2549— Circles (Tin)

Ammidon & Co., 31 S Frederick, Baltimore, Md.

Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.

2550— Circulators (Boiler)

Eckliff Automatic Boiler Circulation Co. ("Eckliff" Automatic for Marine Boilers), 48 Shelby, Detroit, Mich.

McNab Co. ("Cascade"), Bridgeport, Conn.

Ross-Schofield Co., 17 Battery pl, New York

2551— *Circus Lights

*See also Lights, Contractors'***MILBURN A. ALEX. CO.** ("Milburn" Self-Contained Portable Acetylene), 1420 W Baltimore, Baltimore, Md.*See adv index at end of book*

2552— Cisterns

Barnes & Nuss Co. (Galv. Steel), Grand Forks, N. D.

Harry Bros. Co. (Corrugated Galvanized Iron), Carr. & I. C. R. R., New Orleans, La.

Kelly Foundry & Machine Co. (Galvanized Steel), Goshen, Ind.

Martin Metal Mfg. Co. (Galvanized Steel), Wichita, Kan.

New Orleans Roofing & Metal Co. (Galvanized Iron), Cortez & Orleans, New Orleans, La.

Panama Tank Co. (Corrugated), Carr av & I. C. R. R., New Orleans, La.

2553—Civil Engineers' Instruments

See Architects' & Engineers' Instruments & Supplies, also Engineering & Surveying Instruments.

2554—Clamp & Drill Combined

Burritt O. W. & Bro., Weedsport, N. Y.

Clamps (Adjustable)

See Clamps, Carpenter, Adjustable Screw, etc.

2555—Clamps (Angle Cock)

Adreon Mfg. Co. ("Security"), Security bldg, St. Louis, Mo.

Clamps (Bar)

See Clamps, Carpenter, Adjustable Screw, etc.

2556— Clamps (Basin)

American Brass & Copper Co., 138 Lafayette, New York

American Pin Co. ("Ampinco"), Waterbury, Conn.

Blessing C. A., 516 Montgomery, Phila., Pa.

Clow J. B. & Sons, Franklin & Harrison, Chicago, Ill.

Glauber Brass Mfg. Co. (Magic), 49th & Superior av N E, Cleveland, O.

Grabler Mfg. Co. (Adjustable), Cleveland, Ohio

Haines, Jones & Cadbury Co. ("Crescent"), 1136 Ridge av, Phila., Pa.

Hampden Brass Co., Springfield, Mass.

Haydenville Co., Haydenville, Mass.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Stebbins E. Mfg. Co., Springfield, Mass.

Steele & Johnson Mfg. Co., Waterbury, Conn.

Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

Trenton Brass & Machine Co. ("Crescent," "Star"), Trenton, N. J.

Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

Waterbury Mfg. Co., Waterbury, Conn.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Wolverine Brass Works ("Never-Slip," "Star"), Grand Rapids, Mich.

2557— Clamps (Beam)

See also Clamps, Pipe; also Clamps, Conduit Pipe, Hanging

Auer John Jr., 197 Middleton, Brooklyn, N. Y.

Austin & Eddy, 117 Broad, Boston, Mass.

Beaton & Cadwell Mfg. Co. ("Jumbo" Pipe), New Britain, Conn.

Brown A. & F. Co. (For Power), 79 Barclay, New York. Works: Elizabethport, N. J.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Falls Clutch & Machy. Co., Cuyahoga Falls, O.

Fee & Mason, 81 Beekman, New York

General Fire Extinguisher Co., Providence, R. I.

Grabler Mfg. Co. (I Beam, Adjustable, etc), Cleveland, O.

Hammer & Co., Bradford, Conn.

Illinois Malleable Iron Co. ("A. B. C."), 1801 Diversey blvd, Chicago, Ill.

See adv index at end of book

Jarecki Mfg. Co., Erie, Pa.

Kelly & Jones Co. ("K. & J. Co.," Adjustable, etc, Malleable Iron), 135 Water, Pittsburgh, Pa.

Lange August K., 606 E 15th, New York

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Norman C. Erwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.

Reed Mfg. Co. ("The Clark"), Erie, Pa.

Robinson Mfg. Co., Cleveland, O.

Royersford Foundry & Machine Co., Royersford, Pa.

Terry & Tench Co., 70 E 45th, New York

Walworth Mfg. Co., Boston, Mass.

Wood's T. B. Sons Co., Chambersburg, Pa.

2558— Clamps (Bed)

Lubbers & Bell Mfg. Co., Clinton, Ia.

Seng Co., 1450 Dayton, Chicago, Ill.

2559— Clamps (Belt)

See also Belt Tighteners

Akron Belting Co., Akron, O.

Billings & Spencer Co. (The "Gardner & Miller"), Hartford, Conn.

Bliss R. Mfg. Co. (J. H. O'Neil, Jr., successor), Pawtucket, R. I.

See adv index at end of book

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Goodell-Pratt Co., Greenfield, Mass.

Higgins Machinery Co., Seattle, Wash.

Hoggson & Pettis Mfg. Co. ("Porter"), New Haven, Conn.

Hough Chas. N. Mfg. Co. (Oil Country Style), Franklin, Pa.

Manufacturers' Belt Hook Co. ("L-X"), 113 N Green, Chicago, Ill.

Page Belting Co. (Wood), Concord, N. H.

Turner Tanning Machinery Co. (For Belt Makers), Peabody, Mass.

Webster Mfg. Co., Tiffin, O.

Wood's T. B. Sons Co. (Double Iron Screw, etc), Chambersburg, Pa.

2560—Clamps (Boat Builders')

See also Clamps, Carpenters

Malleable Iron Fittings Co., Branford, Conn.

New London Vise Works ("M. I. F. Co."), (Wood End), New London, Conn.

Taylor Jas. L. Mfg. Co. (Quick-Adjustable, Self-Locking Steel Bar), Poughkeepsie, N. Y.

2561—Clamps (Boiler Plate)

Never Slip Safety Clamp Co., 141 B'way, New York

2561a—Clamps (Boilermakers')

Henderer's A. L. Sons (Heavy Steel, also for Structural Iron Works), Maryland av & Beach, Wilmington, Del.

Le Count Wm. G. (Light & Heavy Steel), South Norwalk, Conn.

Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.

Niles-Bement-Pond Co., 111 B'way, New York

Taylor Jas. L. Mfg. Co. (Quick-Adjusting, Self-Locking Steel Bar), Poughkeepsie, N. Y.

Wickes Bros., Saginaw, Mich.

See adv index at end of book

2562—Clamps (Brake Beam)

Gould Coupler Co., 30 E 42nd, New York

Pearson Jack Co. ("Goodwin"), 185 Franklin, Boston, Mass.

2563—Clamps (Brick Carriers')

Crane P. D. Co., 1025 Meech av, Cleveland, O.

Duplex Mfg. & Foundry Co. ("Duplex"), Euclid, O.

Mostberger Iron Co. ("Buffalo"), 878 S Division, Buffalo, N. Y.

Stevens, Frederick B., 3d & Larned, Detroit, Mich.

Clamps ("C")

See Clamps, Machinists'

2564—Clamps (Cabinet Makers' Iron, Etc.)

Aldrich Wm. K. Co., Lowell, Mass.

Batavia Clamp Co. ("Colts" Steel Bar), Batavia, N. Y.

Christiansen C., 3418 Castello av, Chicago, Ill.

Cincinnati Tool Co. ("Hargrave" Steel Joiners, etc), Norwood, Cincinnati, O.

See adv index at end of book

Dann Bros. & Co. (Extension), New Haven, Conn.

Dayton Malleable Iron Co. ("Dayton"), Dayton, O.

Erie Stamping & Mfg. Co. (Adjustable), Erie, Pa.

Grabler Mfg. Co. (Adjustable), Cleveland, O.

Handy Mfg. Co. (Steel Bar), 29 E Madison, Chicago, Ill.

Josef E. E. Mfg. Co. ("Buffalo" Universal Handy Bench Clamp), Buffalo, N. Y.

Mark Mfg. Co., Evanston, Ill.
 Milles C. H. Foundry Co. ("Todd"), 2443 W 21st, Chicago, Ill.
 Narragansett Machine Co., Providence, R. I.
 Ohio Tool Co., Charleston, W. Va.
 Oliver Machinery Co., Grand Rapids, Mich.
 Palmer Albert E. & Sons (Furniture), Owosso, Mich.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Phoenix Hardware Co., Buffalo, N. Y.
 Redin, Ekstrom & Co., Rockford, Ill.
 Redin John E., Rockford, Ill.
 Rockford Mitre Box Co., Rockford, Ill.
 Sargent & Co., New Haven, Conn.
 Smith Otis A., Rockfall, Conn.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Swineford G. A. Co., Canton, O.
 Tatum Sam'l C. Co. (Automatic & Self-"Neverbreak"), Cincinnati, O.
 Taylor Jas. L. Mfg. Co. (Adjustable & Self-Locking), Poughkeepsie, N. Y.
 Woodruff W. W. & Sons Co., Mount Carmel, Conn.
 Wrightsville Hardware Co., Wrightsville, Pa.

2564a—Clamps (Cabinet Makers' Wood)

See also Screws, Hand

Established 1832

BLISS CLAMPS CABINET and PIANO

ALSO

BELT, FLASK and VIOLIN CLAMPS

R. BLISS MFG. CO. J. H. O'Neil, Jr.

Pawtucket, R. I., U. S. A.

Successor to

2565—Clamps (Cable)

See also Clamps, Guy

Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*
STAR EXPANSION BOLT CO. ("Sebco"), 147 Cedar, New York
 Steel City Electric Co. ("Merchand," for Standard Copper Conductors), 1207 Columbus av, Pittsburgh, Pa.

2566—Clamps (Cable Supporting)

Automatic Cable Clamp Co. (Self-Tightening Boltless), Donora, Pa.
 Clark Electric & Mfg. Co., 149 B'way, New York
DIAMOND EXPANSION BOLT CO. ("Long Saut"), 89 West, New York
See adv index at end of book
 Electric Service Supplies Co. (Porcelain Clamp Insulator), 17th & Cambria, Phila., Pa.
 Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
 General Devices & Fittings Co., 817 Washington blv, Chicago, Ill.
 Hallett Iron Works, Harvey, Ill.
 Heberdahl J. P. Co., Elizabeth, N. J.
 Matthews W. N. & Bro. ("Matthews"), 3722 Forest Park bl, St. Louis, Mo.
 Minerallac Electric Co., 1045 Wash. blvd, Chicago, Ill.
 Robinson M. S. Cable Clamp Co., Donora, Pa.
 Specialty Device Co. ("Bierce"), 112 W 3rd, Cincinnati, O.
 Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
 States Co., Hartford, Conn.
 Steel City Electric Co. ("Marchant" for Stranded Copper Conductors), 1207 Columbus av, Pittsburgh, Pa.
 Union Elec. Co., 3721 Grant blv, Pittsburgh, Pa.

2567—Clamps (Calendar)

Grammes L. F. & Sons, Allentown, Pa.

2568—Clamps (Carpenters', Adjustable Screw, Etc.)

Adjustable Clamp Co. ("Jorgeson" Hand Screw), 216 N Jefferson, Chicago, Ill.

Batavia Clamp Co. ("Colts"), Batavia, N. Y.

BLISS R. MFG. CO. (J. H. O'Neil, Jr., successor), Pawtucket, R. I.
See adv index at end of book

THE CINCINNATI TOOL CO. HARGRAVE

Norwood, Cincinnati, O.

Dann Bros. & Co. (Wood Workers), New Haven, Conn.
 Fox Z. F. & Son (Steel), Freeport, Mich.
 Grand Rapids School Equipment Co., Grand Rapids, Mich.
 Hammer & Co. ("Hammer"), Branford, Conn.
 Kantslip Co. ("Kantslip"), Freeport, Mich.
 Mark Mfg. Co., Evanston, Ill.
 Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
 Phoenix Hardware Co., Buffalo, N. Y.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Tatum Sam'l C. Co., Cincinnati, O.
 Taylor Jas. L. Mfg. Co. (Self-Locking Screw), Poughkeepsie, N. Y.

2569—Clamps (Carriage)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

2570—Clamps (Cloth)

Emrich Phil ("Emrich," Screw, Wedge & Spring), 824 Main, Cincinnati, O.

2571—Clamps (Column)

Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.
See adv index at end of book
 Insley Mfg. Co. (Adjustable Steel Form), 3500 E St. Clair, Indianapolis, Ind.
 Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
 Sterling Wheelbarrow Co. ("Sterling"), Milwaukee, Wis.
 Symons Clamp Co., 2219 S Halsted, Chicago, Ill.
 Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
 Universal Form Clamp Co. (Circular), 14 N May, Chicago, Ill.

2572—Clamps (Concrete Construction)

See also Clamps, Carpenters'; also Clamps, Machinists'
 Batavia Clamp Co. ("Colts" Self-Locking), Batavia, N. Y.
 Chicago Builders' Specialties Co. ("A B C" Form), 11 S La Salle, Chicago, Ill.
 Cincinnati Tool Co., Norwood, Cincinnati, O.
See adv index at end of book
 Insley Mfg. Co. (Adjustable Steel Form), Indianapolis, Ind.
 Neevel Mfg. Co. ("Neevel"), Kansas City, Mo.
 Trussed Concrete Steel Co. (Kahn System), Youngstown, O.
 Universal Form Clamp Co., 14 N May, Chicago, Ill.

2573—Clamps (Conduit Pipe Hanging)

Bissell F. Co. ("Security"), Toledo, O.
 Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
 Grabler Mfg. Co., Cleveland, O.
 Irish W. F. Elec. Supplies ("Shamrock"), 19 W. 36th, New York
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.
See adv index at end of book
 Pass & Seymour, Solvay, N. Y.
 Steel City Electric Co. (Beam Straps), 1207 Columbus av, Pittsburgh, Pa.
 Thomas & Betts Co. (Box Hanger), 105 Hudson, New York

Clamps (Curtain Frame)

See Clamps, Quilt Frame

2574—Clamps (Desk)

American Brass & Copper Co., 138 Lafayette, New York

2575—Clamps (Door & Sash)

See also Clamps, Carpenters

American Woodworking Machinery Co., Rochester, N. Y.
 Dauber Bell Machine Co. ("Dauber" Up-right Automatic), Oshkosh, Wis.
 Fay J. A. & Egan Co., Cincinnati, O.
 Greenlee Bros. & Co., Rockford, Ill.
 Newman Machine Co., Greensboro, N. C.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Sargent & Co., New Haven, Conn.
 Smith H. B. Machine Co., Smithville, N. J.
 Stearns E. C. & Co. ("Stearns," Adjustable), 450 Oneida, Syracuse, N. Y.
 Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

2576—Clamps (Eccentric Wire)

Smith Otis A. (For Tightening Wire Fence, Telephone Wire, etc), Rockfall, Conn.

2577—Clamps (Electric)

Dicke Tool Co., Downers Grove, Ill.
 Smith Otis A. (For Wire, etc), Rockfall, Conn.

2578—Clamps (Flanging)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E., Cleveland, O.
HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
MAC KINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 New Doty Mfg. Co., Janesville, Wis.
 Optenberg Iron Work (Hand & Pneumatic), Sheboygan, Wis.
 Scully Steel & Iron Co. ("Scully"), 2364 S Ashland av, Chicago, Ill.
 Skinner M. B. & Co. ("Model"), 562 W Washington, Chicago, Ill.
 Wickes Bros., Saginaw, Mich.
See adv index at end of book

2579—Clamps (Flask, Molders')

See also Foundry Facings & Supplies
 Barnett Oscar Foundry Co., Irvington, N. J.

ESTABLISHED 1832

Flask Clamps for Molders

ALSO MANUFACTURERS OF

Cabinet Makers', Piano, Belt and Violin Clamps

R. Bliss Mfg. Co. J. H. O'NEIL, JR.
 Successor to
PAWTUCKET, R. I., U. S. A.

Brass Founders' Supply Co., Hamberg pl, Newark, N. J.
 Buckeye Products Co., Cincinnati, O.
 Diamond Clamp & Flask Co., Richmond, Ind.
 Federal Malleable Co. ("Fraser"), West Allis, Wis.
 Josef E. E. Mfg. Co., Buffalo, N. Y.
 Milles C. H. Foundry Co. ("Todd"), 2449 W 21st, Chicago, Ill.
 Milwaukee Foundry Supply Co. (Adjustable), Milwaukee, Wis.
 Sandusky Tool Co., Sandusky, O.
 Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

2580—Clamps (Flooring)

See also Clamps, Carpenters', etc
 Hardware Specialty Mfg. Co. ("Clyod"), Anderson, Ind.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Clamps (Furniture)

See Clamps, Cabinetmakers', etc

2581—Clamps (Girder)

See Clamps, Beam

2582—Clamps (Ground Connection)

A-A Elec. Mfg. Co., 355 Water, Bridgeport, Conn.

American Metal Works ("American" Adjustable), Armat & Heiskel, Phila., Pa.
 Belden Mfg. Co., 2300 So. Western av, Chicago, Ill.
 Blackburn Specialty Co. ("Blackburn"), 3409 Perkins av, Cleveland, O.
 Bonnell W. A. Co., 132 Church, New York
 Cameron Appliance Co. ("McCoy"), Everett, Mass.
 Chelton Electric Co., Heiskel & Armat, Phila., Pa.
 Cleverly Electrical Works ("Forbes"), 17 N 7th, Phila., Pa.
 Colgan Wm. H. Co. ("Rex"), West Newton, Mass.
 Condit Electric Mfg. Co. ("Shawmut"), 1st & L., Boston, Mass.
 Diamond Expansion Bolt Co., 89 West, New York. *See adv index at end of book*
 Elec. Service Supplies Co., 17th & Cambria, Phila., Pa.
 Fairmount Electric & Mfg. Co. ("Vogel," "All-in-One"), 59th & Woodland av, Phila., Pa.
 Federal Sign System, 640 W Lake, Chicago, Ill.
 Forbes Robt. R., Mt. Holly, N. J.
 Gillette-Vibber Co. ("G-V"), New London, Conn.
 Hallett Iron Works, Harvey, Ill.
 Hart Mfg. Co., 231 Hamilton, Hartford, Conn. *See adv index at end of book*
 Hart & Hegeman Mfg. Co., 342 Capitol av, Hartford, Conn.
 Heinemann Geo. ("Advance"), 500 W Girard av, Phila., Pa.
 Hickey & Schneider, 61 B'way, New York
 Hinsdill Electric Co., Troy, N. Y.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Klein Ernest & Bro. ("Klein Adjusto"), 44 Fulton, New York
 Lord Mfg. Co. ("Leco"), 105 W 40th, New York
 Marcus Bros., 135 Pearl, Boston, Mass.
 Novelty Electric Co. ("Griptite," "Neco," "Flex Clamp"), 50 N 4th, Phila., Pa.
 Paiste H. T. Co. ("Perma-Effect"), 3201 Arch, Phila., Pa.
 Schwartz S. Robt. & Bro., 729 B'wy, New York
 Schutz Mfg. Co., 3225 Ravenswood av, Chicago, Ill.
 Sherman Mfg. Co. ("Sherman"), Battle Creek, Mich.
 Sprague Electric Works, 527 W 34th, New York
 Star Elec. Co., 212 S 8th, Phila., Pa.
 Thomas & Betts Co., 105 Hudson, New York
 Trenton Elec. & Conduit Co., Trenton, N. J.

2583—Clamps (Guard Rail)

American Guard Rail Fastener Co. ("Anchor" & "Vaughan"), Real Estate Trust bldg, Phila., Pa.
 Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
 Cleveland Frog & Crossing Co., Cleveland, Ohio
 Cleveland Railway Supply Co., Citizens bldg., Cleveland, Ohio
 Morden Frog & Crossing Works ("Duplex," etc), 208 S La Salle, Chicago, Ill.
 P. & M. Co. ("Crane"), 80 E Jackson blvd, Chicago, Ill.
 Q. & C. Co. ("National," "Q. & C."), 90 West, New York
 Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.
 Reading Specialties Co., Reading, Pa.
 United States Malleable Iron Co. ("U-S." Rail Clamp & Anti-Rail Creeper), Toledo, O.
 Weir Frog Co. (Adjustable), Cincinnati, O.
WHARTON WM. JR. & CO., INC. ("Wharton" Standard), Easton, Pa.

2584—Clamps (Guy)

See also Clamps, Wire Rope

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. ("Crosby"), 208 La Salle, Chicago, Ill. *See adv index at end of book*
 B. & K. Mfg. Co., 321 Ellis, New Britain, Conn.
 Barnes & Kobert Mfg. Co. ("B. & K."), Milldale, Conn.
 Bethlehem Steel Co., So. Bethlehem, Pa.
 Bronson-Walton Co. (Bull Dog), Cleveland, O.

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.
DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book
 Everstick Anchor Co. ("Blackburn" Boltless), 1624 N 8th, St. Louis, Mo.
 Fletcher Mfg. Co., Dayton, O.
 Galvanized Products Co., Phillipsburg, N. J.
 Gund Mfg. Co., La Crosse, Wis.
 Hallett Iron Works, Harvey, Ill.
 Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Hubbard & Co. (Malleable & Steel), 63rd & Butler, Pittsburgh, Pa.
 Joslyn Mfg. & Supply Co., Chamber of Commerce, Chicago, Ill.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Lamson & Sessions Co. ("Bull Dog," "Double Grip"), Cleveland, O.
 Lanz M. & Sons (Pressed Steel & Malleable Iron), 2907 Carson, Pittsburgh, Pa.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
 Line Material Co., So. Milwaukee, Wis.
 Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
 Matthews W. N. & Bro. ("Matthews" Giant & Baby Boltless), 3722 Forest Park bl, St. Louis, Mo.
 Michigan Bolt & Nut Works (Patent Pressed Steel), Detroit, Mich.
 Mockbee C. M. Co., 816 E Pearl, Cincinnati, O.
 Morris Iron & Steel Co., Frederick, Md.
 National Telephone Supply Co., Cleveland, Ohio
 Newhall Chain, Forge & Iron Co. ("Trident"), 89 West, New York
 Norton W. T., West Park, O.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works, Trenton & Roebling, N. J. *See adv index at end of book*
 St. Louis Malleable Casting Co., 7701 N Conduit av, St. Louis, Mo.
 Schaper Construction Material Co., 90 West, New York
 Steel Car Forge Co., Pittsburgh, Pa.
 Steel City Electric Co. ("Marchand Wire"), 1207 Columbus av, Pittsburgh, Pa.
 Specialty Device Co., 112 W 3rd, Cincinnati, O.
 Upson-Walton Co. of N. Y., The, 291 B'way, New York
See adv index at end of book
 Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

2585—Clamps (Harrow Tooth)

Sharon Steel Hoop Co. (Pressed Steel), Youngstown, O.

2586—Clamps (Hay Rack)

Hunt, Helm, Ferris & Co., Harvard, Ill.
 Loudon Machinery Co. ("Illinois," "Standard"), Fairfield, Ia.
MYERS F. E. & BRO. ("Wenzelmann," "Standard" & "Take-Down" Cotton & Wheat Rack), 800 Orange, Ashland, O. *See adv index at end of book*
 Porter J. E. Co., Ottawa, Ill.
 Strickler Hay Tool Co., Janesville, Wis.
 Wagner Mfg. Co. ("Wagner"), Cedar Falls, Iowa

2587—Clamps (Hopper)

Exeter Brass Works, Exeter, N. H.
 Haydenville Co., Haydenville, Mass.
 Peck Bros. & Co., New Haven, Conn.
 Trenton Brass & Machine Co., Trenton, N. J.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
 Waterbury Mfg. Co., Waterbury, Conn.

2588—Clamps (Horse)

Oliver Machinery Co., Grand Rapids, Mich.

2589—Clamps (Hose)

Allen Fire Dept. Supply Co., 178 Dorrance, Providence, R. I.

Allen W. D. Mfg. Co. ("Bull Dog," "Allen," "Caldwell"), 570 Lake, Chicago, Ill.
 American Brass & Copper Co., 138 Lafayette, New York
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Ballard Drop Forge Co. ("Ballard" Steel for Wooden Pipe & Tanks, &c), Seattle, Wash.
 Buckeye Iron & Brass Works (For Steam), Dayton, O.
 Childs O. J. Co. ("Childs"), Utica, N. Y.
 Clancy J. R. ("Sure Grip" Wrought Steel), Syracuse, N. Y.
 Cleveland Pneumatic Tool Co. ("Never-slip," Air Hose), Cleveland, O.
 Dallett Thos. H. Co. (For Air Hose), Juniper & Federal, Phila., Pa.
 Dayton Malleable Iron Co. (Air Brake, Signal, Steam & Water), Dayton, O.
 Elkhart Brass Mfg. Co. ("Sure Grip"), Elkhart, Ind.
 Farnan Brass Works Co., 1105 Center, Cleveland, O.
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
 Grabler Mfg. Co., Cleveland, O.
 Han-D Metal Products Corp., 681 Communipaw av, Jersey City, N. J.
 Haydenville Co., Haydenville, Mass.
 Hudson Parer Co., Leominster, Mass.
 Ideal Clamp Mfg. Co., 202 Bradford, Brooklyn, N. Y.
 Jarecki Mfg. Co. (Adjustable), Erie, Pa.
 Knox Mfg. Co. (Malleable Iron), 321 Cherry, Phila., Pa.
 Morgan Mfg. Co. ("Morgans"), Newport, R. I.
 Mulconroy Co., 54th & Jefferson, Phila., Pa.
 Racine Iron & Wire Works, Racine, Wis.
 Rex-Harris Fire Appliance Co., 39 E 19th, New York.
 S. & I. Co., Springfield, Mass.
 Sherman H. B. Mfg. Co., Battle Creek, Mich.
 Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.
 Walworth Mfg. Co., Boston, Mass.
 Wolverine Brass Works, Grand Rapids, Mich.

2590-1—Clamps (Hydrant & Water Pipe)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

2592-3—Clamps (Insulator)

Clark Electric & Mfg. Co. ("Clark" for Pin or Suspension Insulators), 149 B'way, New York
 Coombs R. D. & Co., 30 Church, New York
 Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.
 Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
 Fletcher Mfg. Co., Dayton, O.
 General Devices & Fittings Co., Wash. bldg, Chicago, Ill.
 Hickey & Schneider, 61 B'way, New York
 Korns C. C. Co., Johnstown, Pa.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Locke Insulator Mfg. Co., Victor, N. Y.
 Nagel W. G. Electric Co., Toledo, O.
 Paiste H. T. Co., 3201 Arch, Phila., Pa.
 States Co. ("Thesco" for Vertical Wires), Hartford, Conn.
 Steel City Electric Co. ("Universal"), 1207 Columbus av, Pittsburgh, Pa.

2594—*Clamps (Key Seat)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

2595—Clamps (King Bolt)

Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

2596—Clamps (Linemen's Splicing)
(A Splicing Tool)

Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co. (Also "Haven's"), Columbus, Ind.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co. ("Little Giant"), Irvington, N. J.
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Oshkosh Mfg. Co., Oshkosh, Wis.
Peck, Stow & Wilcox Co., Southington, Conn.
Robinson M. W. Co., 203 37th, Brooklyn, N. Y.
Smith Otis A., Rockfall, Conn.
SMITH & HEMENWAY CO. ("Red Devil," also "Haven's," Clamps for Stretching Wire), 76 Chambers, New York
See adv index at end of book

2597—Clamps (Machinists')

Armstrong Bros. Tool Co. (Drop Forged Steel), 339 N Francisco av, Chicago, Ill.
Athol Machine Co. (Standard Steel), Athol, Mass.
Belden Machine Co., New Haven, Conn.
Billings & Spencer Co. ("B & S" Drop Forged Steel), Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio *See adv index at end of book*
Howell & Murray, Waverly, N. Y.
Le Count Wm. G. (Heavy), S. Norwalk, Conn.
Mark Mfg. Co., Evanston, Ill.
Phoenix Hardware Co., Buffalo, N. Y.
Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
Woodruff W. W. & Sons Co., Mount Carmel, Conn.
Williams J. H. & Co. ("Vulcan," "Agripa," Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

2598—Clamps (Measuring Bar)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

2599—Clamps (Messenger)

Cook Frank B. Co., 326 W Madison, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Harrison Electric Co., 411 Van Brunt, Brooklyn, N. Y.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

2600—Clamps (Mitre)

Batavia Clamp Co. ("Colts"), Batavia, N. Y.
Burgess & Norton Mfg. Co. ("Dunn's" Mitre Draw Clamp & Cutter), Geneva, Ill.
Grand Rapids Hand Screw Co., Grand Rapids, Mich.
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Taylor Jas. L. Mfg. Co. (Four Cornered), Poughkeepsie, N. Y.

2601—Clamps (Parallel)

See also Clamps, Carpenters
Besly Chas H. & Co., 120 N Clinton, Chicago, Ill.
STARRETT L. S. CO. (Tool Makers', etc), Athol, Mass. *See adv index at end of book*

Clamps (Piano Makers')

See Clamps, Cabinet Makers'; also Clamps, Carpenters'

2602—Clamps (Pipe)

Acme Mfg. Co. ("Acme" Soil Pipe), Bangor, Me.

Adreon Mfg. Co. ("Acme"), Security bldg, St. Louis, Mo.
Appleton Electric Co., 218 N Jefferson, Chicago, Ill.
Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Caldwell E. R. & Co., Bradford, Pa.
Custer Coupling Co., Bradford, Pa.
Dayton Pipe Coupling Co. ("Collerleak," for Screw, Bell & Spigot Pipe, etc), Dayton, O.
Dresser S. R. Mfg. Co. ("Dresser," for Repairing Leaks), Bradford, Pa.
Grabler Mfg. Co. (Also Extension), Cleveland, O.
Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Kelly & Jones Co. (Water etc.), 135 Water, Pittsburgh, Pa.
Lange August K., 606 E 15th, New York
McCrea Jas. & Co. ("Emergency"), 562 W Washington, Chicago, Ill.
Moll Wm. ("Ideal," Malleable Iron), 1660 Columbus rd, N W, Cleveland, O.
National Tube Co. (Wrought), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
Norman C. Erwin & Co. ("Cenco" Extension), 18 W Kinzie, Chicago, Ill.
Nusbaum F. A. ("King Bee" & "Perfection" Leak Closing), 219 Ruffner, Lockland, O.
Parmelee Wrench Co., 2515 W Monroe, Chicago, Ill.
Rex-Harris Fire Appliance Co., 39 E 19th, New York
Skinner M. B. Co. ("Emergency"), 562 W Washington, Chicago, Ill.
Western Railway Equipment Co. ("Acme"), Central National Bank bldg, St. Louis, Mo.
Yarnall-Waring Co. ("Simplex"), Harrison bldg., Phila., Pa.
Yonts C. H. & Co. (Lead Stopper & Repair), Meadville, Pa.

2603—Clamps (Plow)

Hillinger Bros., Fort Edward, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
Upson Nut Co., Cleveland, O.

2604—Clamps (Pole)

Bethlehem Steel Co., So. Bethlehem, Pa.
Everstick Anchor Co. ("Blackburn" Boltless), 1624 N 8th, St. Louis, Mo.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Line Material Co. ("Ajax"), South Milwaukee, Wis.
Michigan Bolt & Nut Works, Detroit, Mich
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

2604a—*Clamps (Quick Adjusting)

Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*

2605—Clamps (Quilt Frame)

Arcade Mfg. Co., Freeport, Ill.
Champion Hardware Co., Geneva, O.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Grey Iron Casting Co., Mt. Joy, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Williams A. C., Ravenna, O.
Wrightsville Hardware Co., Wrightsville, Pa.

2606—Clamps (Rail Bonding)

Electric Railway Improvement Co. (with Terminal Electrode), Cleveland, O.

2607—Clamps (Ring)

Kohaut John C., 17 Green, Newark, N. J.

2608—Clamps (Rivet)

Racky Albert C., 531 S 5th av, Chicago, Ill.

2609—Clamps (Rule)

Goodell-Pratt Co., Greenfield, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

2610—Clamps (Saw)

Atkins E. C. & Co. ("A.-A.-A."), Indianapolis, Ind.
Baldwin, Tuthill & Bolton (Filing), Grand Rapids, Mich.
Covel Mfg. Co. (Saw Filing), Benton Harbor, Mich.
Crescent Machine Co., Leetonia, O.
Dikeman Mfg. Co. ("Dikeman," All Steel Folding), Norwalk, Conn.
Disston Henry & Sons (Brazing, Filing, etc), Tacony, Phila., Pa.
Grammes L. F. & Sons, Allentown, Pa.
Gustafson & Scott Mfg. Co. ("Climax" for Filing Band Saws), 4325 Wabansia av, Chicago, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
New Britain Machine Co. ("New Britain") 190 Chestnut, New Britain, Conn.
Reading Hardware Co., Reading, Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Union Hardware Co., Torrington, Conn.
Woodwell Joseph Co. ("Keystone" Folding), 207 Wood, Pittsburgh, Pa.

2611—Clamps (Saw Brazing)

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Son, Tacony, Phila., Pa.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

2612—Clamps (Screw)

Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*
Dayton Malleable Iron Co. ("Dayton"), Dayton, O.
Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*
Grand Rapids Hand Screw Co. (Wood Adjustable), Grand Rapids, Mich.
Hammer & Co. ("Hammer"), Branford, Conn.
Handy Mfg. Co., 29 E Madison, Chicago, Ill.
Le Count Wm. G., South Norwalk, Conn.
Malleable Iron Fittings Co. ("M. I. F. Co.") Branford, Conn.
Miles C. H. Foundry Co. ("Todd"), 2449 W 21st, Chicago, Ill.
Oliver Machinery Co., Grand Rapids, Mich
Stearns E. C. & Co. (Adjustable), 450 Oneida, Syracuse, N. Y.
Taylor Jas. L. Mfg. Co. (Quick-Adjusting, Self-Locking Steel Bar, etc), Poughkeepsie, N. Y.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wilcox, Crittenden & Co. (Ship & Ship Carpenter), Middletown, Conn.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

Clamps (Ship)

See Clamps, Boat

Clamps (Splicing)

See Clamps, Linemen's Splicing

2613—Clamps (Steam Joint)

McCrea Jas. & Co. ("Climax"), 562 W Washington, Chicago, Ill.
Nusbaum F. A. ("Perfection," "King Bee"), 219 Ruffner, Lockland, O.
Roberts Geo. I. & Bros., 471 4th av, New York
Skinner M. B. Co. ("Climax"), 562 W Washington, Chicago, Ill.
Yarnall-Waring Co. ("Simplex"), Harrison bldg., Phila., Pa.

2614—Clamps (Steel)

Athol Machine Co. (Parallel, Machinists' Swivel, etc), Athol, Mass.

Erie Stamping & Mfg. Co. ("Thompson," Pressed Steel), Erie, Pa.
 Goodell-Pratt Co., Greenfield, Mass.
 Insley Mfg. Co. (Adjustable Concrete Form), 3500 E St. Clair, Indianapolis, Ind.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Le Count Wm. G., South Norwalk, Conn.
 Norfolk Mfg. Co. ("Hugo"), Norfolk, Conn.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO. (Tool Makers', etc.), Athol, Mass.
See adv index at end of book
 Tatum Sam'l C. Co. ("Neverbreak"), Cincinnati, O.
 Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.

2615—Clamps (Steel Pipe)

American Steel Foundries (For Cast Iron Pipe Makers), McCormick bldg, Chicago, Ill.

2616—Clamps (Strap)

Williams J. H. & Co. ("Vulcan"), 156 Hamilton av, Brooklyn, N. Y.

2617—Clamps (Testing, Electric Wire)

(For Testing Current in Telephone & Current Wires)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
 Appleton Elec. Co., 224 N Jefferson, Chicago, Ill.
 Belden Mfg. Co., 2300 So. Western av, Chicago, Ill.
 Cameron Appliance Co., 48 Waters av, Everett, Mass.
 Cook F. B., 162 N Clinton, Chicago, Ill.
 Cutter Scott C. ("Scott Cutter"), Oswego, Ill.
 Fahnestock Elec. Co., L. I. City, N. Y.
 Fairmount Elec. & Mfg. Co., 59th & Woodland, Phila., Pa.
 Frankel Connector Co., 177 Hudson, New York
 Hallett Iron Works, Harvey, Ill.
 Harvard Elec. Co., 525 W Vanburen, Chicago, Ill.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Jordan Bros., 74 Beekman, New York
 Morse Frank W., 293 Congress, Boston, Mass. *See adv index at end of book*
 Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
 Schutz Mfg. Co., 3225 Ravenswood av, Chicago, Ill.
 Smith & Hemenway Co., 76 Chambers, New York. *See adv index at end of book*
 States Co., 19 New Park av, Hartford, Conn.
 Williams Test Clamp Co., 1051 Power av, Cleveland, O.

2618—Clamps (Tool Makers')

Athol Machine Co., Athol, Mass.
 Browne & Sharpe Mfg. Co., Providence, R. I.
 Champion Hardware Co., Geneva, O.
 Goodell-Pratt Co., Greenfield, Mass.
 Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
 Taylor Jas. L. Mfg. Co., Poughkeepsie, N. Y.
 Williams J. H. & Co. ("Vulcan"), 156 Hamilton av, Brooklyn, N. Y.

2619—Clamps (Trolley Pole)

Rayonet-Trolley-Harp Co., Springfield, O.
 Bissell F. Co. ("Security"), Toledo, O.
WESTINGHOUSE ELEC. & MFG. CO., E Pittsburgh, Pa.
See adv index at end of book

2620—Clamps (Trolley Wire)

Electric Railway Equipment Co. ("Sure-Grip"), Cincinnati, O.
 Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
 Klein Mathias & Sons ("Klein's" Parallel Screw), 562 W Van Buren, Chicago, Ill.

Clamps (Water Pipe)

See Clamps, Hydrant & Water Pipe

2621—Clamps (Wire Fence)

Excelsior Fence Co. ("Excelsior"), Spokane, Wash.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
WRIGHT WIRE CO. ("Excelsior" & "Anchor"), Worcester, Mass.
See adv index at end of book

2622—Clamps (Wire Rope)

See also Clamps, Guy

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. ("Crosby," etc.), 208 La Salle, Chicago, Ill. *See adv index at end of book*
 Bethlehem Steel Co., So. Bethlehem, Pa.
 Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
 Channon Jas. H. Mfg. Co. (also Manila Rope Clamps), 227 W Erie, Chicago, Ill.
 Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
 Harkins T. B. Foundry Co., Bristol, Pa.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Lamson & Sessions Co. ("Bull Dog" Clip), Cleveland, O.
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.
 Laughlin Thos. Co., Portland, Me.
 Leidecker Tool Co. ("Shyrook" for Temper Screws), Marietta, O.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
 Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
 Neptune Hardware Mfg. Co., 54 South, New York
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebing, N. J.
See adv index at end of book
 Schaper Construction Material Co., 90 West, New York
 Seward & Co., Bloomington, Ind.
 Upon-Walton Co. of N. Y., The, 291 B'way, New York
See adv index at end of book
 Wheaton C. M. & Co. ("Wheaton"), Sunbury, Ohio
 Wilcox, Crittenden & Co., Middletown, Conn.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

Clamps (Wire Test)

See Connectors, Wire Test

Clamps (Woodworkers')

See Clamps, Cabinet Makers'

2622a—*Clarifiers (Centrifugal)

SHARPLES SPECIALTY CO. ("Super Centrifuge" for Varnish, Benzine, Oil, Glue, Pharmaceutical, Serum & Fruit Juices), West Chester, Pa.

2623—Clarifiers (Milk)

De Laval Separator Co., 165 B'way, New York
 Sharples Separator Co., West Chester, Pa.

2624—Clarifiers (Sugar)

Blymer Iron Works Co. (Round Single Copper Coil, Steam), Cincinnati, O.
 Cresson Morris Co., Alleghany & 18th, Phila., Pa.
 Deeley Robt. & Co., 29 B'way, New York
 Deming Apparatus Co. (For Purifying Sugar Solutions), 96 Wall, New York
 Flynn W. S., 76 Hudson, Jersey City, N. J.
 Hauptman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
 Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
 Kilby Mfg. Co., Cleveland, O.
 Murphy John H., 643 Magazine, New Orleans, La.
 Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

Pusey & Jones Co., ft Poplar, Wilmington, Del.
 Squier Geo L. Mfg. Co., Buffalo, N. Y.
TURL IRON & CAR CO. INC. THE, 50 Broad, New York. Works: Newburgh, N. Y.

2625—Clarifiers (Varnish)

Col-mac Co., 250 South, Newark, N. J.
 Empire Cream Separator Co., Bloomfield, N. J.
 Sharples Specialty Co., West Chester, Pa.

2626—Clasps (Box)

Grammes L. F. & Sons, Allentown, Pa.

2627—Clasps (Envelope)

Grammes L. F. & Sons, Allentown, Pa.

2628—Clasps (Lug & Cant Hook)

American Logging Tool Co. (Malleable & Forged Steel), Evart, Mich.
 Oshkosh Mfg. Co. (Malleable), Oshkosh, Wis.

2629—Clasps (Pail)

Acme Steel Goods Co. ("Acme" Flexible Pail & Crate), 2834 Archer av, Chicago, Ill.
See adv index at end of book
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
 Tichener E. H. & Co., Binghamton, N. Y.
 Tilson Mfg. Co., Malden, Mass.
 Townsend C. C. & E. P. Co., New Brighton, Pa.
 Twisted Wire & Steel Co. ("Mitchell's Peerless"), 437 11th av, New York

2630—Classifiers (Slime)

ALLIS-CHALMERS MFG. CO. ("Richards Vortex" & "Richards Janney"), Milwaukee, Wis.
See adv index at end of book
 Colorado Iron Works Co. ("Atkins" Hydraulic & Mechanical), Denver, Colo.
 Davis F. M. Iron Works Co., Denver, Colo.
 Denver Engineering Works Co. ("Richards" Pulsator), Denver, Colo.
Dorr Co. ("Dorr"), Equitable bldg, Denver, Colo.
 James Ore Concentrator Co., 35 Runyon, Newark, N. J.
KENNEDY-VAN SAUN MFG. & ENG. CORP. (Hydraulic), 120 Broadway, New York *See adv index at end of book*
 Merrill Metallurgical Co. ("Merrill" Hydraulic), 121 2d, San Francisco, Cal.
 Pacific Tank & Pipe Co., Los Angeles, Cal.

2631—Claws (Coal)

Wrightsville Hardware Co., Wrightsville, Pa.

2632—Claws & Grabs (Nail)

Auer John Jr. (4 & 5 Prong), 197 Middleton, Brooklyn, N. Y.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Humason & Beckley Mfg. Co., New Britain, Conn.
 Vaughan & Bushnell Mfg. Co. ("V & B" 8 Prong), 2114 Carroll av, Chicago, Ill.

2633—Claws & Pullers (Tack)

Arcade Mfg. Co., Freeport, Ill.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Bonney Vise & Tool Works (Drop Forged), Allentown, Pa.
See adv index at end of book
 Bradley & Farnham ("Samson," "Monarch," "Ellis"), Middlefield, Conn.
 Browne W. G. Mfg. Co. ("Star" Combination "Sterling," "Neverbreak," "Queen," "Bird"), Kingston, N. Y.
 Browne & Dowd Mfg. Co. ("Standard Giant," "Yankee," "Sterling," "Star"), Meriden, Conn.
 Buffum Tool Co. ("Swastika" Wood Handle, Drop Forged), South Side, Louisiana, Mo.
 Cady Mfg. Co. ("Cady"), Auburn, N. Y.
 Cassady Fairbank Mfg. Co. ("Fetchum," "Buckeye" Claw), 6126 S La Salle, Chicago, Ill.

Cronk & Carrier Mfg. Co. ("Little Giant"), Elmira, N. Y.
 Curtiss Geo. L. Co., Southington, Conn.
 Deuse J. S., Chester, Conn.
 Dunlap J. S., 334 S Clinton, Chicago, Ill.
 Fletcher-Terry Co. ("Little Corporal"), Forestville, Conn.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
 Humason & Beckley Mfg. Co., New Britain, Conn.
 Jennings C. E. & Co., 71 Murray, New York
 Johnson Wm. (Hedenberg Wks), Newark, N. J.
 Keystone Drop Forge Works (Drop Forged), Chester, Pa.
 Kilborn & Bishop Co., New Haven, Conn.
 Knickerbocker Mfg. Co., Belleville, N. J.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Landers, Frary & Clark (Cast Steel & Malleable Iron), New Britain, Conn.
 Lowentraut P. Mfg. Co. ("Montgomery"), 36 Brenner, Newark, N. J.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Osborne C. S. & Co., Harrison, N. J.
 Parkhurst L. D., Danielson, Conn.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Potter Mfg. Co. (Forged Steel), Geneva, O.
 Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.
 Rocky Hill Hardware Co. ("Samson" Polished Steel & Malleable Japanned, etc), Rocky Hill, Conn.
 S. & I. Co. ("S. & I." Extractors & Spreaders), Springfield, Mass.
 Sargent & Co., New Haven, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
SMITH & HEMENWAY CO. ("Giant" & "Red Devil"), 76 Chambers, New York
See adv index at end of book
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Turner & Deegan ("Little Gem"), Bristol, Conn.
 Verona Tool Works (Spike, etc), Oliver bldg, Pittsburgh, Pa., & Verona, Pa.
 White Ira F. & Son Co., Bloomfield, N. J.
 Williams A. C. Co. (Cast Iron Only), Ravenna, O.
 Wrightsville Hardware Co., Wrightsville, Pa.

2634-5— Clay Feeders

Fate J. D. Co., Plymouth, Ohio

Clay (Fire)

See Fire Clay

2636—Clay Miners & Shippers

Anness & Potter Fire Clay Co., Woodbridge, N. J.
 Ashland Fire Brick Co. (For all Purposes), Ashland, Ky.
 Bloomfield Clay Co., Metuchen, N. J.
 Cumberland Clay Co. (Refined White), Mt. Holly Springs, Pa.
 Cutter W. C., Woodbridge, N. J.
 Diller Clay & Stone Co., Lancaster, Pa.
 Edgar Brothers Co., Metuchen, N. J.
 Edgar Plastic Kaolin Co., Metuchen, N. J.
 Excelsior Ball Clay Co. (Hickory & Sagger Clay), Cincinnati, Ohio
 Harris Clay Co., Dillsboro, N. C.
 Kiamensi Clay Co., Newport, Del.
 Maurer Henry & Son (For All Purposes), 420 E 23d, New York
 National Sales Co. (Ball), 31 E 13th, Cincinnati, O.
 Ostrander Fire Brick Co., 309 2d, Troy, New York
PAPER MAKERS' CHEMICAL CO., Easton, Pa.
 Product Sales Co., 32 So. Culvert, Baltimore, Md.
 Raritan Ridge Clay Co., Metuchen, N. J.
 Rutland Fire Clay Co. ("Rutland") Rutland, Vt.
 Uhl Pottery Co., Evansville, Ind.
 Valentine M. D. & Bro. Co. (Foundry, etc), Woodbridge, N. J.
 Vanderbilt T. R. Co., 50 E 42d, New York

2637— Clay (Stove)

Rogers & Co. ("Keystone") Royersford, Pa.
 Uhl Pottery Co., Evansville, Ind.
 Williams Stove Lining Co. ("Eagle"), Taunton, Mass.

2638—Clay & Shale Gatherers

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.

Clays (Bleaching & Filtering)

See Fullers Earth

2639— Clays (China)

CHRYSTAL CHARLES B. (Importer), 13 Cliff, New York
See adv index at end of book
 Coulston J. W. & Co. (English) (Imp), 80 Maiden Lane, New York
 Daniels Willard B., 252 Front, New York
 Drakenfeld B. F. & Co., 50 Murray, N. Y.
 Dunn & Kruse, 63 Park Row, New York
 Excelsior Ball Clay Co., Cincinnati, Ohio
 Fuerst Bros. & Co., 2 Stone, New York
 Golding Sons Co., Trenton, N. J.
 Hammill & Gillespie, 240 Front, New York
 Higman John W. Co., 29 B'way, New York
 Katzenbach & Bullock Co. (Imp), Trenton, N. J.
 Klipstein A. & Co., 644 Greenwich, New York
 Moore & Munger (Imp.), 29 B'way, New York
 National Sales Co. (Imp.), 31 E 13th, Cincinnati, Ohio
 Nevins Sam'l Co. (Dried, Ground & Bolted), 109 S 2d, Phila., Pa.
 Newark China & Clay Co. (Miners & Refiners), Newark, Del.
 New England Quartz Co. of N. Y., 107 William, New York
PAPER MAKERS' CHEMICAL CO. (American & English), Easton, Pa.
 Perkins, Goodwin & Co., 33 W 42d, New York
 Phila. Clay Co., 1316 Commonwealth, Phila., Pa.
 Product Sales Co., 32 So. Calvert, Baltimore Md.
 Rockcastle Cement & Lime Co., Munsey bldg., Baltimore, Md.
 Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
 Sant John & Sons Co., East Liverpool, O.
 Scheel Wm. H., 159 Maiden, Ia., New York
 Smith J. Lee & Co. (Imp.), 19 Jacob, New York
 Star Clay Co. (Ltd.), Mertztown, Pa.
 Taintor F. F. Mfg. Co. (Bolted, English), 2 Rector, New York; Works: Bayonne, N. J.
 Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York
 Vanderbilt T. R. Co., 50 E. 42d, New York
 Whittaker W. H. Co. (Jobbers), 250 Front, New York
 Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
WILLIAMS C. K. & CO. (Bolted), Easton, Pa.

2640— Clays (Crucible)

Excelsior Ball Clay Co., Cincinnati, Ohio
 Kern Commercial Co. ("Schipach"), 114 Liberty, New York
 Moore & Munger, 29 B'way, New York
 Meng Anthony & Co. ("K. B. Crown" Imported), 17 S Front, Phila., Pa.
 National Sales Co., 31 E 13th, Cincinnati, Ohio

2641— Clays, Minerals, Etc.

See also Color Manufacturers & Importers

Binney & Smith Co., 81 Fulton, New York
 Blue Ridge Ochre Co., Cartersville, Ga.
 Cherokee Ochre Co., Cartersville, Ga.
 Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
CHRYSTAL, CHAS. B., 13 Cliff, New York
See adv index at end of book
 Crossman Co., South Amboy, N. J.
 Daniels Willard B. (Imp.), 252 Front, New York
 Doggett Stanley, 11 Cliff, New York
 Dunn & Kruse (Imported), 63 Park Row, New York
 Earle E. P., 165 B'way, New York
 Excelsior Ball Clay Co. (Fire, Ball, Modeling, China, Crucible, Glass Pot, Potters' & Paper Makers' Clays), Cincinnati, Ohio
 Feuchtwanger L. & Co., 54 Fulton, New York
FOX M. EWING CO. (Clays, Pigments, Minerals, etc.), 241 E 136th, New York
See adv index at end of book

Fuerst Bros. & Co. (Importers), 2 Stone, New York
 Georgia-Peruvian Ochre Co., Cartersville, Ga.
 Goebel J. & Co. (Imp), 129 Maiden la, New York
 Great Eastern Clay Products Co., 175 5th av, New York
 Hammill & Gillespie (China, Potters, etc), 240 Front, New York
 Herrmann Morris & Co. (Non-Fading Reds), 200 5th av, New York
 Illinois Kaolin Co. (Dagger, Paper & Paint Clays), Anna, Ill.
 International Pulp Co., 41 Park Row, New York
 Mepharm Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.
MINER-EDGAR CO. (Washed, Floated Brands), 52-60 Warren, Brooklyn, N. Y.
 Moore & Munger, 29 B'way, New York
 National Gum & Mica Co., 59th & 11th av, New York
 Nevins Samuel Co., 109 S 2d, Phila., Pa.
 New Riverside Ochre Co., Cartersville, Ga.
PAPER MAKERS' CHEMICAL CO. (English, China & Ball Clays), Easton, Pa.
 Philadelphia Clay Co. (High Grade Clays), 1316 Commonwealth, Phila., Pa.
 Prince Mfg. Co. (Mineral Brown), 165 B'way, New York
 Product Sales Co., 32 So. Calvert, Baltimore, Md.
 Robbins A. A. Mining Co., 99 John, New York
 Salomon L. A. & Bro. (China Clay, etc), 216 Pearl, New York
 Scheel Wm. H. (Imp.), 159 Maiden la, New York
 Smith J. Lee & Co. (Ochres, Crown Paris White, Indian & Venetian Reds, Drop Black & Colors, China Clay), 19 Jacob, New York
 Star Clay Co. (Ltd.) (Clays), Mertztown, Pa.
 Such J. Ridgeway, South Amboy, N. J.
 Tennant C. Sons & Co. of N. Y. (Imp.), (Arsenic, China Clay, Taic, etc.), 100 William, New York
 Thiele E., 11 Cliff, New York
 Union Talc Co. (Agalite), 132 Nassau, New York; Works: Gouverneur, N. Y.
 Vanderbilt T. R. Co., 50 E 42d, New York
 Wagener John O. & Co. (Mineral Pulp), Easton, Pa.
 Wagner Chas. A., 222 N Water, Phila., Pa.
 Whittaker W. H. Co. (Jobbers), 250 Front, New York
 Wilbur J. Co. (American Ochres, Talc-kene, Black Filler & Red & Gray Slates), Office, Providence, R. I.; Factory, Phila., Pa.
WILLIAMS C. K. & CO. (Mineral Pulp, Clays, Ochre, etc), Easton, Pa.

2642— Clays (Modeling)

Embossing Co., Albany, N. Y.
 Excelsior Ball Clay Co., Cincinnati, Ohio
 National Sales Co., 31 E 13th, Cincinnati, Ohio
 New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.
 Novitas Sales Co. ("Modeline"), Waltham, Mass.
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.
 Stewart & Co. ("Plasteline"), 24 B'way, New York
 Uhl Pottery Co., Evansville, Ind.

2642a— *Cleaner (Auto)

Du Pont Chemical Works ("Pontoklene"), 120 B'way, New York

2643— Cleaners (Air)

Lord Mfg. Co. ("Spencer Patent, Screenless, for Air Compressors"), 105 W 40th, New York

2644—Cleaners (Alfalfa Seed)

Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
 Johnson & Field Mfg. Co. Racine, Wis.
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

2645—Cleaners (Bean & Pea)

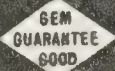
Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
 Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.

Owens J. L. Co. ("Advance"), Fulton & S E Huron, Minneapolis, Minn.
Tinkham C. O. ("Advance" Spiral Brush Bean Cleaner & Polisher), Akron, N. Y.

2646—Cleaners (Boiler Flue & Tube)

Advance Packing & Supply Co., 11 N Franklin, Chicago, Ill.
Bayer Steam Soot Blower Co., St. Louis, Mo.
Berry Engineering Co., Chester, Pa.
Browne F. W. Farmington, N. H.
Burgess Machine Co. ("Gronvold" Boiler Flue), New Haven, Conn.
Caldwell H. W. & Son Co. ("Ruggles"), 17th & Western av, Chicago, Ill.
Chesterton A. W. Co. ("Ingalls," "Eliptical" Tube Scraper, "Engineers' Favorite" & "Wonder" Tube Cleaner, Combination Scraper & Brush, "Abram" Tube Brush & Spiral Tube Brush & Blowers & Suckers), 64 India, Boston, Mass.
Christoffel's A. Sons, 277 Eldert, Brooklyn, N. Y.
Clafin C. A. Co. ("Clafin" Patent Steam Automatic & Continuous-Blast), 161 High, Boston, Mass.
Clark A. C. & Co. (Mechanical Boiler Cleaner), 1035 E 76th, Chicago, Ill.
Crescent Brass Mfg. Co. ("Cyclone" Steam Flue Cleaner), Cleveland, O.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Diamond Power Specialty Co. ("Diamond" Steam Tube Cleaner, Suckers & Blowers), Detroit, Mich.
Elliott Co. ("Cyclone," "Bull Dog"), Pittsburgh, Pa.
Flint Warren F. (Wire), 220 Franklin, Boston, Mass.
French E. C. & Co. ("B. O. E."), 53 W Jackson blvd, Chicago, Ill.
GEM MFG. CO. ("Gem" Flue Scrapers), Goebel nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

CLEANERS (BOILER TUBE)



"Gem," Brush Spiral and Coniform are wonders.

GEM MFG. CO., Pittsburgh, Pa.

General Specialty Co. ("Torpedo" Fire Tube Cleaner & "Demon" Water Tube Cleaner, Operated by Water), Buffalo, N. Y.
Gerhardt C. (Flue & Tube Brushes), 591 Hudson, N. Y.
Gilmore Tube Scraper Works (F. G. Crowell, Prop.) ("Gilmore" Tube Scraper), Buffalo, N. Y.
Globe Boiler Compound Co. ("Case" Patent Metal Boiler Cleaner), Binghamton, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Griffiths Jas. A. ("The Cook" Blowers & Suckers), 1315 Buttonwood, Phila., Pa.
Hennebohle Frank (Blowers & Suckers), 8101 S Chicago av, Chicago, Ill.
Hilts Wrench & Mfg. Co. ("Perfect"), Richford, N. Y.
Huyette Paul B. Co. ("Tornado" Air Blower Tube or Flue Cleaner) 5 S 18th, Phila., Pa.
Irving Mfg. & Tool Co. (Flue Cleaners), 157 Chambers, New York
Jarecki Mfg. Co. ("The Hurley Freeman" Blowers & Suckers), Erie, Pa.
Lagonda Mfg. Co. ("Weinland" Water Power Tube Cleaner, Turbine), Springfield, O.
Leonard & McCoy ("The Hotchkiss"), 161 Washington, New York
Liberty Mfg. Co. ("Liberty," "Chicago," "Cyclone"), Pittsburgh, Pa.
Lord L. L., Meadville Pa.
McCrea Jas. & Co. ("Butman's" Ball Joint Flue Scraper Rod), 562 W Washington, Chicago, Ill.
McLaughlin Geo. G. Mfg. Co., 24 Washington, N. Boston, Mass.

Manchester Mfg. Co. ("The Meyers" Automatic Skimmer), North Manchester, Ind.
Marion Machine, Foundry & Supply Co. ("Marion" Flue Blower), Marion, Ind.
Max Machine Co., Clinton, Mass.
Michigan Lubricator Co. ("Correct," "Engineers" & "King" & Adjustable Flue Scrapers), Detroit, Mich.
Mulholland Wm. ("Spencer"), 79 White, New York
National Flue Cleaner Co., Trenton, N. J.
Newark Brush & Scraper Co. ("Abrams" Tube Brush), 266 Fabyan pl, Newark, N. J.
Nuhring Chas. & Bro. (Soot Blowers & Suckers, "Success & Kant-Blo-Off"), 1212 Walnut, Cincinnati, O.
Osborn-Crew Mfg. Co., Cleveland, O.
Parson Mfg. Co. ("Parson's" Air Jet Flue Cleaner), 149 B'way, New York
Paxson J. W. Co., 1021 Delaware av, Philadelphia, Pa.
Perfection Grate Co. ("Perfection" Blower), Springfield, Mass.
Pierce Wm. B. Co. ("Dean" Boiler Tube Cleaner, Steam or Power), Buffalo, N. Y.
PILLEY FLUE BRUSH CO. (Brushes, Scrapers & Blowers), 604 S 3d, St. Louis, Mo.
Poole Mfg. Co. ("Little Giant" Power Water Tube & Fire Tube Cleaner), 325 Columbus av, Boston, Mass.
Reiter E. H., Elgin, Ill.
Robertson Jas. L. & Son ("The Hurricane"), 78 Murray, New York
Rosedale Foundry & Machine Co. (Pneumatic), Washington & Preble, Pittsburgh, Pa.
Roto Co. ("Roto" Steam, Air & Water Driven for Fire Tube and Water Tube Boilers), Hartford, Conn.
Scully Steel & Iron Co. ("Ruggles" Perfection Flue Cleaner), 2364 S Ashland av, Chicago, Ill.
Seehausen, Wehrs & Co. ("The Lukens"), 179 N Franklin, Chicago, Ill.
Sharkey & Peck (Boiler Cleaners & Skimmers), 2433 W 18th, Chicago, Ill.
Simonds G. L. & Co. ("Vulcan Soot"), 230 S La Salle, Chicago, Ill.
Thompson Richard & Co. ("Thompson's 20th Century" Tube Cleaner or Injector Blower), 126 Liberty, New York
Thum C. D. (Brushes), 150 N 3d, Phila., Pa.
Vulcan Fuel Economy Co., 230 So. La Salle, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
Worcester Brush & Scraper Co. ("Criss-Cross" Tube Cleaner, etc), Worcester, Mass.

2647—Cleaners, Boiler Flue or Tube (Brushes)

See also Brushes, Flue

Browne F. W. ("Abrams" Steel Wire), Farmington, N. H.
Chesterton A. W. Co. ("Abram" Tube Brush & Spiral Tube Brush), 64 India, Boston, Mass.
Christoffel's A. Sons (Flexible Steel Coil Brushes), 277 Eldert, Brooklyn, N.Y.
Flint Warren F., 220 Franklin, Boston, Mass.
Gerhardt C. (Flue & Tube Brushes), 591 Hudson, New York
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Newark Brush & Scraper Co. ("Abrams" Tube Brush), 266 Fabyan pl, Newark, N. J.
PILLEY FLUE BRUSH CO. ("Pilley" Wire & "Abrams"), 604 S 3rd, St. Louis, Mo.
Schaefer, McLaughlin Co., 395 Reed, Milwaukee, Wis.
Thum Chas. D., 150 N 3rd, Phila., Pa.
Wolfe Brush Co., 1805 Beaver av, Pittsburgh, Pa.
Worcester Brush & Scraper Co. ("Ingalls" Tube Brush & Cleaner, & "Worcester" Flue Brush), Worcester, Mass.

2648—Cleaners, Boiler Flue or Tube (Scrapers)

Chesterton A. W. Co. ("Ingalls" Tube Scraper; also Combined Scraper & Brush), 64 India, Boston, Mass.

Christoffel's A. Sons, 277 Eldert, Bk'lyn, N. Y.
French E. C. & Co. ("B. O. E." Combination), 53 W Jackson blvd, Chicago, Ill.
GEM MFG CO. ("Gem" Brush Spiral Flue & Coniform Scrapers), Goebel near Fulton N S, Pittsburgh, Pa.
See adv index at end of book
Gilmore Tube Scraper Works (F. G. Crowell Prop.) ("Gilmore" Tube Scraper), Buffalo, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Jackson Flue Scraper Co. ("Jackson" Flue Scraper), Jackson, Mich.
Lord L. L., Meadville, Pa.
Michigan Lubricator Co. ("Essex," "King") Detroit, Mich.
Morgan Spring Co. (Flue Scrapers), Worcester, Mass.
Newark Brush & Scraper Co. ("Collicott's" Improved Ingalls), 266 Fabyan pl, Newark, N. J.
PILLEY FLUE BRUSH CO. ("Pilley"), 604 S 3rd, St. Louis, Mo.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
Scully Steel & Iron Co. ("Ruggles Perfection"), 2364 S Ashland av, Chicago, Ill.
Sherwood Mfg. Co. ("Duplex" Tube Scraper, "Engineers' Favorite" Flue Scraper), 1709 Elmwood, Buffalo, N. Y.
Smith Winfield H. ("Common Sense"), Buffalo, N. Y.
Stewart Heater Co. ("Favorite"), Buffalo, N. Y.
Worcester Brush & Scraper Co. ("Ingalls" Tube Scraper & Brush), Worcester, Mass.

2649—Cleaners, Boiler Flue or Tube (Soot Blowers & Suckers)

Bayer Steam Soot Blower Co., St. Louis, Mo.
Chesterton A. W. Co. ("Wonder," "Robinson" Tube Cleaner), 64 India, Boston, Mass.
Clafin C. A. Co. ("Clafin" Automatic & Continuous-blast), 161 High, Boston, Mass.
Diamond Power Specialty Co. ("Diamond" Steam Flue Blower), Detroit, Mich.
General Specialty Co. ("Whirlwind"), Buffalo, N. Y.
Griffiths James A. ("The Cook"), 1315 Buttonwood, Phila., Pa.
Hafer Foundry & Machine Works, Chambersburg, Pa.
Hennebohle Frank, 8101 S Chicago av, Chicago, Ill.
Huyette Paul B. Co. ("Tornado" Air Blower Tube or Flue Cleaner), 5 S 18th, Phila., Pa.
Jarecki Mfg. Co. ("The Hurley Freeman") Erie, Pa.
Marion Machine, Foundry & Supply Co. ("Marion" Soot Blower), Marion, Ind.
Max Machine Co., Clinton, Mass.
Michigan Lubricator Co. ("Correct," "Engineers"), Detroit, Mich.
National Flue Cleaner Co. ("National"), Trenton, N. J.
Nuhring Chas. & Bro. ("Success" & "Kant-Blo-Off"), 1212 Walnut, Cincinnati, O.
Parson Mfg. Co. ("Parson's" Air Jet Flue Cleaner), 149 B'way, New York
Pilley Flue Brush Co. ("Pilley" Flue Blowers), 604 S 3rd, St. Louis, Mo.
Sherwood Mfg. Co. ("Favorite" Steam Flue Blowers), 1709 Elmwood, Buffalo, N. Y.
Simonds G. L. & Co. ("Vulcan"), 230 S La Salle, Chicago, Ill.
Steam Appliance Co. ("Henry" Steam), Milwaukee, Wis.
Thompson Richard & Co. ("Thompson's 20th Century" Tube Cleaner or Injector Blower), 126 Liberty, New York
Vulcan Fuel Economy Co., 230 S. La Salle, Chicago, Ill.
Vulcan Soot Cleaner Co., Du Bois, Pa.

2650—Cleaners, Boiler Flue or Tube (Steam or Power)

Bayer Steam Soot Blower Co. (Steam Only), St. Louis, Mo.
Burgess Machine Co. ("Gronvold" Boiler Flue), New Haven, Conn.
Caldwell H. W. & Son Co. ("Red Jacket"), 17th & Western av, Chicago, Ill.

Claffin C. A. Co. ("Claffin" Steam Automatic & Continuous-blast, 161 High, Boston, Mass.
 General Specialty Co. ("Torpedo" Power), Buffalo, N. Y.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
 Hafer Foundry & Machine Wks., Chambersburg, Pa.
 Lagonda Mfg. Co. ("Weinland" Water Power Tube Cleaner), Springfield, O.
 Liberty Mfg. Co. ("Liberty," "Cyclone," "Chicago"), Pittsburgh, Pa.
 Manchester Mfg. Co. ("Myers," Automatic), North Manchester, Ind.
 Maurer Wm. & Co. ("Lightning" Tube Cleaners), South Bend, Ind.
 Monarch Steam Blower Co. (Steam), Troy, N. Y.
 Osborn-Crew Mfg. Co. ("A. & D."), Cleveland, O.
 Pierce Wm. B. Co. ("Dean" Tube Cleaner), Buffalo, N. Y.
 Poole Mfg. Co. ("Little Giant" Power Water Tube & Fire Tube Cleaner), 325 Columbus av, Boston, Mass.
 Robertson Jas. L. & Son ("The Hurricane"), 78 Murray, New York
 Roto Co. ("Roto" Steam, Air & Water Driven), Hartford, Conn.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Steam Appliance Co. ("Henry," Steam Flue Cleaners), Milwaukee, Wis.

2651—Cleaners (Boiler, Skimmers)

Buckeye Boiler Skimmer Co. ("Buckeye" Automatic), Toledo, O.
 Manchester Mfg. Co. ("Myers"), North Manchester, Ind.
 Sharkey & Peck, 2433 W 18th, Chicago, Ill.

2652—Cleaners (Boiler, Turbine)

Laconda Mfg Co. ("Weinland"), Springfield, O.
 Liberty Mfg. Co. ("Liberty" Heavy Duty), Pittsburgh, Pa.

2653—Cleaners (Bolting Cloth)

Cream City Can Works ("Peterson's"), 241 Oregon, Milwaukee, Wis.

2654—Cleaners (Broom Corn)

Colton G. D. & Co. ("Galesburg"), Galesburg, Ill.
 Reese F. W. ("Reese"), Paris, Ill.

Cleaners (Carpet)

See Sweepers, Carpet

2655—Cleaners (Corn)

Barnard & Leas Mfg. Co., Moline, Ill.
 Cleland Mfg. Co. ("Expert"), 2800 University av, N. Minneapolis, Minn.
 Ferrell A. T. & Co., Saginaw, Mich.
 Great Western Mfg. Co., Leavenworth, Kan.
 Marseilles Co., East Moline, Ill.
 Nordyke & Marmon Co. (Also Grain), 1290 Kentucky av, Indianapolis, Ind.
 Owens J. L. Co., Fulton & S. E. Huron, Minneapolis, Minn.
 Sprout Waldron & Co., Muncy, Pa.
 Twin City Separator Co. ("Hero"), 29th & Colfax av S, Minneapolis, Minn.
 Union Iron Works, Decatur, Ill.

2655a—Cleaners (Current & Raisin)

American Machinery Co. ("American"), 1229 Callowhill, Phila., Pa.

2656—Cleaners (Drain)

See also Shovels & Spades, Drain & Tiling
 Columbus Handle & Tool Co., Columbus, Ind.
 Farmers' Cement Tile Machine Co., St. Johns, Mich.
 Iwan Bros. ("Champion"), South Bend, Ind.
 Seymour Mfg. Co., Seymour, Ind.

2657—Cleaners (Drain Pipe)

Chamberlain Co. ("Desolvo" Compound), 305 Penn av, Pittsburgh, Pa.
 Chemical Products Co. ("Ninety-Nine"), 116 Christopher, New York
 Hercules Chemical Co., 153 Prince, New York

2658—Cleaners (Felt)

PAPER MAKERS' CHEMICAL CO. ("Excelsior," for Paper Makers), Easton, Pa.

Cleaners (File)

See Cards, File

2659—Cleaners (Flax-Seed)

Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
 Owens J. L. Co. ("Northwestern"), Fulton & S. E. Huron, Minneapolis, Minn.

2660—Cleaners (Gun)

See also Tools, Gun Cleaning & Reloading
 Faries Mfg. Co. (Rods), Decatur, Ill.
 Handy Things Mfg. Co., Ludington, Mich.
 Marble Arms & Mfg. Co., Gladstone, Mich.
 Nichols C. M., Beaumont, Tex.
 Rogers Frank H., Deep River, Conn.
 Stephenson Mfg. Co., South Bend, Ind.
 Stevens J. Arms Co. (& Rifle), Chicopee Falls, Mass.

2661—Cleaners (Hand)

See also Soap

Advance Packing & Supply Co. ("Flash" Anti-Septic), 11 N Franklin, Chicago, Ill.
 Fiebbing Chemical Co., 240 Reed, Milwaukee, Wis.
 Harsh-Miller Mfg. Co. ("Humane" Horse Cleaners), Wabash, Ind.
 Hollingshead R. M. Co. ("Whiz" Roadside), Camden, N. J.
 Seed Filter & Mfg. Co. ("Seed's"), 96 Church, New York

2662-3—Cleaners (Hose)

Consolidated Mfg. Co. ("Rudiger" Automatic), 54 Belmont av, Newark, N. J.

2664—Cleaners (Knife)

Keil Francis & Son, 401 E 163d, New York
 Landers, Frary & Clark ("Universal"), New Britain, Conn.

2665—*Cleaners (Lamp Chimney)

Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

2666—Cleaners (Metal)

Electric Smelting & Aluminum Co. ("Mineral-Cleaner"), Lockport, N. Y.
 Ford J. B. Co. ("Wyandotte"), Wyandotte, Mich.
 Rhodes Jas. H. & Co. ("Carlsruhe"), 162 William, New York

2666a—Cleaners (Nail)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

2667—Cleaners or Rumbler s (Cork)

U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

2668—Cleaners (Pavement)

See also Scrapers, Road & Pavement
 American Fork & Hoe Co., Cleveland, O.
 Columbus Handle & Tool Co. ("Columbus" Steel), Columbus, Ind.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Iwan Bros., South Bend, Ind.
 Jackson Shovel & Tool Co. (Steel), Montpelier, Ind.
 Kohler F. E. Co. (Steel), Canton, O.
 Maynard C. A., Northampton, Mass.
 Pittsburgh Shovel Co. ("W. A. Shuster," "Armstrong"), Oliver bldg, Pittsburgh, Pa.
 Works: Leechburg, Pa.
 Union Fork & Hoe Co. (Solid Steel, Snow & Ice), Columbus, O.
 Union Furnace Mfg. Co., Union Furnace, Pa.
 Wallingford Mfg. Co. (Solid Steel, Snow & Ice), Wallingford, Vt.

2669—Cleaners (Pipe)

Bernz Otto (Flitteroff Patent Auger, "Plumbers' Best Friend" Closet Auger), 21 Ashland av, Newark, N. J.

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Chamberlain Co. ("Desolvo"), 305 Penn av, Pittsburgh, Pa.
 Lewis Sam'l ("Wrigley"), 73 Barclay, New York
 Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.

2670—Cleaners (Pot)

See also Scrapers, Pot & Kettle
 Andrews Wire & Iron Works, Rockford, Ill.
 Fricke Adolf ("Fricke," Gold Sink Metal), 73 Franklin, New York
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Hutchins-Kilbourne Co. (Steel Wire Chain Soap Shaker & Pot Cleaner Combined), Buffalo, N. Y.
 National Mfg. Co. ("Natwire"), Worcester, Mass.
 Sherwood J. M. Co., 154 Chambers, New York

2671—Cleaners (Sack)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Gauntt F. G. Mfg. Co., Fort Wayne, Ind.
 Wolf Co., Chambersburg, Pa.

2672—Cleaners (Shoe)

Hilker Edward Mop Co. ("Hilker"), 2614 W. Grand av, Chicago, Ill.
 Root-Heath Mfg. Co. ("Universal"), Plymouth, Pa.

Cleaners (Sidewalk)

See Cleaners, Pavement

2673—Cleaners (Sink)

National Enameling & Stamping Co., 411 5th av, New York
 National Mfg. Co. ("Natwire"), Worcester, Mass.
 New York Stamping Co. ("Magic"), N 11th & Berry, Brooklyn, N. Y.
 Osborn Mfg. Co., 5405 E. Hamilton, Cleveland, O.
 Wire Goods Co., Worcester, Mass.

2674—Cleaners (Skylight)

Andersen Specialty Co. ("Daylite," Greaseless), 6 E Lake, Chicago, Ill.

2675—Cleaners (Smoking Pipe)

Gilbert E. T. Mfg. Co., Rochester, N. Y.

2676—Cleaners (Switchboard)

United Electric Co. ("True"), Canton, O.

2677—Cleaners (Track)

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
 Root Spring Scraper Co., Kalamazoo, Mich.
 St. Louis Car Co. (Scrapers), 8000 N B'way, St. Louis, Mo.

Cleaners (Vacuum)

See Vacuum Cleaners, Hand & Power

2678—Cleaners (Wall Paper)

Climax Cleaner Mfg. Co., Cleveland, O.
 Electric Cleanser Co., Canton, O.
 Fuller H. B. Co. ("Fuller's" Cold Water), 188 W 3d, St. Paul, Minn.
 Jewel Mfg. Co., 2863 W 22nd, Chicago, Ill.
 Rutherford Wm., 2433 Leland av, Chicago, Ill.

2679—Cleaners (Window)

See also Brushes, Window
 Dennis W. J. & Co. ("Dennis" Hall Screen), 2222 W Lake, Chicago, Ill.
 Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.
See adv index at end of book
 Goodrich B. F. Co. (Rubber), Akron, O.
 Mac Leod Mfg. Co., 412 Orleans, Chicago, Ill.
 Osborn Mfg. Co. ("Common Sense," "Universal"), 5405 E. Hamilton, Cleveland, Ohio

Parker Wire Goods Co., Worcester, Mass.
Quaker City Rubber Co. ("X-L-C-R" Rubber), 629 Market, Phila., Pa.
Smith F. H. Mfg. Co. ("Common Sense" Adjustable & "O. K."), 3047 Carroll av, Chicago, Ill.
Standard Cleaner Co. ("Peerless," "X-L-C-R" Rubber), 122 S Michigan av, Chicago, Ill.

2680—Cleaning (Water Main)

National Water Main Cleaning Co., 50 Church, New York

2681—Cleanouts

Advance Mfg. Co. ("Palmer," "Dandy" Cast Iron), Erie, Pa.
American Foundry & Mfg. Co. (Brass, Cast Iron & Iron Body), 11th & Herbert, St. Louis, Mo.
Barrett Jas. Mfg. Co. ("Barrett Nonpareil," Cast Iron & Iron Body), 117 Pearl, Boston, Mass.
Bignall Co. ("Dandy"), Medina, N. Y.
Blake Specialty Co. ("Blake's"), Rock Island, Ill.
Campbell J. B. Brass Works (Brass & Iron Body), Erie, Pa.
Campbell Mfg. Co. (Cast Iron & Iron Body), Gadsden, Ala.
Central Foundry Co. ("Sure-Seal," Cast Iron & Iron Body), 90 West, New York
Charlotte Pipe & Foundry Co. (Cast Iron & Iron Body), Charlotte, N. C.
Compound Injector & Specialty Co. ("Dehn's Acme," Cast Iron), 419 N Laramie av, Chicago, Ill.
Conrad Jno. F., Elizabeth, N. J.
Cooper Sanitary Mfg. Co. (Brass), 34th & Chestnut, Phila., Pa.
Craig David, 70 Broad, Boston, Mass.
Crampton-Farley Brass Co. ("Noxall" Iron), Kansas City, Mo.
Esterbrook's R. Sons ("Boston," Cast Iron), 202 1st, Boston, Mass.
Federal-Huber Co. (Brass), 234 N Halsted., Chicago, Ill.
Fleck Bros. Co. (Brass), 44 N 5th, Phila., Pa.
Franklin Pipe & Foundry Co. (Cast Iron & Iron Body), 2438 S Paulina, Chicago, Ill.
Fries & Co. (Brass), 91 Main, Buffalo, N. Y.
Glauber Brass Mfg. Co. (Brass & Iron Body), 49th & Superior av N E, Cleveland, O.
Haines, Jones & Cadbury Co. (Brass & Iron Body), 1136 Ridge, Phila., Pa.
Haydenville Co. (Brass & Iron Body), Haydenville, Mass.
Hays Mfg. Co. ("Foley," Brass & Cast Iron), Erie, Pa.
Illinois Malleable Iron Co. (Brass & Iron Body), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
Kupferle Jno. C. Foundry Co. (Iron Body), 1st & Wright, St. Louis, Mo.
Modern Iron Works (Cast Iron & Iron Body), Quincy, Ill.
Monarch Brass Co. (Brass), Cleveland, O.
Perkes Chas. (Est. of) (Brass), 627 Arch, Phila., Pa.
Pittsburgh Valve & Fittings Co. ("Pittsburgh" Cast Iron), Frick bldg., Pittsburgh, Pa.
Prier Brass Mfg. Co. (Brass & Cast Iron), Kansas City, Mo.
Royal Brass Mfg. Co. (Brass), 1418 E 43d Cleveland, O.
Sanitary Co. of America (Brass, Cast Iron & Iron Body), Linfield, Pa.
Stebbins E. Mfg. Co. (Brass), Springfield, Mass.
Street & Kent Mfg. Co. (Brass), 549 Fulton, Chicago, Ill.
Swett A. L. Iron Works (Cast Iron), Medina, N. Y.
Union Brass & Metal Mfg. Co. (Brass), Lawson & Mackubin, St. Paul, Minn.
Union Foundry Co., Anniston, Ala.
Union Metal Works, Chelsea, Mass.
Watertite Drain & Scupper Co. ("Anticlogg," Brass, Cast Iron & Iron Body), 351 Lex. av, New York
Wheeling Sanitary Mfg. Co. (Enameled), Wheeling, W. Va.
Wolff L. Mfg. Co. (Brass, Cast Iron & Iron Body), 601 W Lake, Chicago, Ill.
Woodward-Wagner Co. (Iron Body), 1106 Spring Garden, Phila., Pa.

2682—Cleats (Awning)

Greene, Tweed & Co., 109 Duane, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Parker Wire Goods Co., Worcester, Mass.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Wire Goods Co., Worcester, Mass.

2682a—Cleats (Barrel)

Hubbard & Co. ("Co-Z"), 63d & Butler, Pittsburgh, Pa.

2683—Cleats (Boat)

Davies & Thomas Co., Catsauqua, Pa.
Gillie Machine Co., Tonawanda, N. Y.
Laughlin Thos. Co., Portland, Me.
Long E. G. Co., 50 Church, New York
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
Marine Hardware Co., Peabody, Mass.
Marine Hardware-Equipment Co. ("Acme" & Mheco"), So Portland, Me.
Marine Mfg. & Supply Co., 158 South, New York
Shelton Co., Derby, Conn.
Wilcox, Crittenden & Co. (Brass & Galvanized), Middletown, Conn.

2684—Cleats (Car Wiring)

Bryant Electric Co., Bridgeport, Conn.
Burns Jas. F., 713 Cherry, Phila., Pa.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
MORSE FRANK W. (Brass), 293 Congress, Boston, Mass.
See adv index at end of book

2685—Cleats (Compressed Wood Wiring)

Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.

2686—Cleats (Conduit)

Berger Bros. Co., 229 Arch, Phila., Pa.
Diamond Mfg. Co., Detroit, Mich.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2687—Cleats (Fibre Wiring)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Continental Fibre Co. ("Bakelite Dilecto" & Vulcanized fibre), Newark Centre, Del.

DELAWARE HARD FIBRE CO., Wilmington, Del.; Works: Marshallton, Del. *See adv index at end of book*

Diamond State Fibre Co., Elsmere, Del.
National Fibre & Insulation Co., Yorklyn, Del.

Standard Fibre Co., Miller st, Somerville, Mass.

WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.
See adv index at end of book

2688—Cleats (Porcelain or Clay)

Akron Smoking Pipe Co., Mogadore, O.
Colonial Sign & Insulator Co., Akron, O.
Cook Pottery Co., Trenton, N. J.
Denver Pressed Brick Co., Denver, Colo.
Electric Porcelain & Mfg. Co. (Porcelain Only), Trenton, N. J.
Empire China Works (Porcelain to Order Only), 156 Greene, Brooklyn, N. Y.
Imperial Porcelain Works ("Duggan," Porcelain), Trenton, N. J.
Knowles C. S. ("B-D," "Cartwright"), Boston, Mass.
Pass & Seymour (Porcelain), Solvay, N. Y.
Thomas R. & Sons Co. (Electrical Porcelain Only), East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

2689—Cleats (Rope)

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
Parker Wire Goods Co. ("Handy"), Worcester, Mass.

2689a—*Cleats (Wooden)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

2690—Cleavers (Butchers' & Family)

American Cutlery Co. (Family), 764 Mather, Chicago, Ill.
NICHOLS BROS., Greenfield, Mass.
Black John B. Co. ("Wm. Beatty & Sons," "Royal," "Diamond"), Chester, Pa.
Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
Brecht Co., 1201 Cass av, St. Louis, Mo.
Browne & Dowd Mfg. Co. (Family), Meriden, Conn.
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. (Family Cleavers), Fremont, Ohio
Clyde Cutlery Co. (Family), Clyde, O.
Evansville Tool Works, Evansville, Ind.
Forsyth Metal Goods Co. ("Family"), E Aurora, N. Y.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Kinnell Philip H., Columbuses, O.
Knickerbocker Mfg. Co. (Family Only), Belleville, N. J.
Mack & Co., Rochester, N. Y.
Ontario Knife Co. (Family), Franklinville, N. Y.
Plumb F. R. (Inc.), Tucker & James, Phila., Pa.
Reading Saddle & Mfg. Co. ("Reading" Family), Reading, Pa.
Richard Stephen Co. ("S-N" & Family), Southbridge, Mass.
Stortz, Jno. & Son (Family), 210 Vine, Phila., Pa.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White Ira F. & Son Co. (Family Cleaver & Tender), Bloomfield, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

2691—Cleavers (Ice)

Gruman Ice Tool Works, Branchville, Conn.

2692—Clevises (Anchor & Chain)

Marine Hardware-Equipment Co. ("Acme," "Mheco"), So Portland, Me.
Wilcox, Crittenden & Co., Middletown, Conn.

2693—*Clevises (Bridge & Structural)

MERRILL BROS., 3 Arnold, Maspeth, Borough of Queens, N. Y.
See adv index at end of book

2694—Clevises (Evener)

American Logging Tool Co., Evart, Mich.
Badger Malleable & Mfg. Co., S Milwaukee, Wis.
Rock Island Mfg. Co., Rock Island, Ill.
Stowell Co., The, S Milwaukee, Wis.

2695—Clevises (Plow, Etc.)

Badger Malleable & Mfg. Co., So Milwaukee, Wis.
Belle City Malleable Iron Co., Racine, Wis.
Danville Malleable Iron Co., Danville, Ill.
Dexter Co. ("Dexter" Automatic), Fairfield, Ia.
Eberhard Mfg. Co., Cleveland, O.
Eccles Richard Co., Auburn, N. Y.
Empire Plow Co., Cleveland, O.
Federal Malleable Co. ("Federal"), West Allis, Wis.
Frazer & Jones Co. (Mall.), Syracuse, N. Y.
Harvey Spring & Forging Co., Racine, Wis.
Haven Malleable Casting Co., Cincinnati, O.
Herschel R. Mfg. Co., Peoria, Ill.
Mason F. C. & Co. ("Mason"), St. Johns, Mich.
National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
Pratt Wm. E. Mfg. Co. ("Pratt"), 35 W Lake, Chicago, Ill.

Rock Island Mfg. Co., Rock Island
Stowell Co., The, S Milwaukee, Wis.
Tower & Sullivan Mfg. Co., Rome, Ga.
Union Malleable Iron Co., East Moline, Ill.

2696—Clevises (Pump Lifting)

Love M. A. Mfg. Co., Rockford, Ill.
Trahern Pump Co., Rockford, Ill.
Ward Pump Co., Rockford, Ill.

2697—Climbers (Linemen's)

Bates Extended Steel Truss Co., 208 S La
Salle, Chicago, Ill.
Blakeslee Forging Co. ("Donnelly"),
Plantville, Conn.
Buckingham W. H., Binghamton, N. Y.
Cincinnati Tool Co. ("Hargraves"), Nor-
wood, Cincinnati, O.
See adv index at end of book
Columbus Handle & Tool Co., Columbus,
Ind.

Cronk & Carrier Mfg. Co. ("Sure Grip"),
Elmira, N. Y.
Dicke Tool Co., Downers Grove, Ill.
Irvington Mfg. Co., Irvington, N. J.
Kilborn & Bishop Co. ("Komfort," "K. &
B"), New Haven, Conn.

Klein, Mathias & Sons, 562 W Van Buren,
Chicago, Ill.
Lowentraut P. Mfg. Co., 36 Brenner, New-
ark, N. J.

Oshkosh Mfg. Co. ("Roberts"), Oshkosh,
Wis.

Reidy Jno. J. ("Superior" Drop Forge),
New Haven, Conn.

St. Johnsbury Tool Wks., St. Johnsbury,
Vt.

Smith H. D. & Co. ("S" Drop Forged),
Plantville, Conn.

SMITH & HEMENWAY CO. ("Never
Turn," "Swedish" & "Red Devil"),
76 Chambers, New York

See adv index at end of book
Stephens, Wilmot ("Stephens," Bronze
with Aluminum), Binghamton, N. Y.

2698—Clinometers

Taylor Instrument Companies ("Tycos"),
Rochester, N. Y.
See adv index at end of book

2699—Clippers (Bolt or Rivet)

American Metal Products Co., 72 W
Adams, Chicago, Ill.
Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
Chain Belt Co. ("Levalley"), Milwaukee,
Wis.

Chambers Bros. Co., 52nd, below Lancas-
ter av, Phila., Pa.

Champion Tool Co. ("Champion"), Mead-
ville, Pa.

Haberle J. B. ("Becker" Open Die Head),
South Bend, Ind.

Helwig Mfg. Co. ("Helwig"), St. Paul,
Minn.

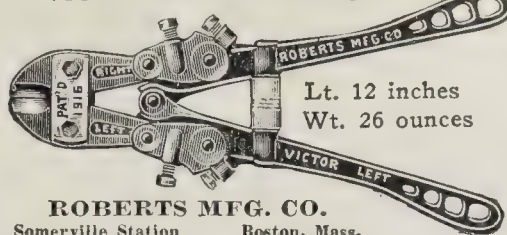
Irving Mfg. & Tool Co. (Bolt Cutter), 157
Chambers, New York

Moore Drop Forging Co., Springfield, Mass.

Peck, Stow & Wilcox Co., Southington,
Conn.

Porter H. K. ("Easy," "New Easy," "Allen
Randall," "O K"), 6 Ashland, Everett,
Mass. *See adv index at end of book*

VICTOR BOLT CLIPPER



ROBERTS MFG. CO.
Somerville Station Boston, Mass.

Lt. 12 inches
Wt. 26 ounces

Schollhorn Wm. Co. ("Elm City," "Ber-
nard" End Cutting), New Haven,
Conn.

Clippers (Cattle Dehorning)

See Dehorning, Cattle

2700—Clippers (Finger Nail)

Cook H. C. Co. ("Gem," "Ansonia"), 100-
120 Jewett, Ansonia, Conn.

King Klip Co., 1328 B'way, New York

Klip-Klip Co. (Klip-Klip), Rochester,
N. Y.

Meisselbach A. F. & Bro. ("Ideal"), 29
Congress, Newark, N. J.

SMITH & HEMENWAY CO., 76 Cham-
bers, New York.

See adv index at end of book
Snow & Petrelli Mfg. Co. ("Snow"), New
Haven, Conn.

Sperry & Alexander Co. (Toolever), 76
Chambers, New York

2701—Clippers (Hair, Barbers')

Brown & Sharpe Mfg. Co., Providence,
R. I.

Coates Clipper Mfg. Co. ("Coates"),
Worcester, Mass.

Universal Shear & Novelty Co., 38 Little-
ton av, Newark, N. J.

2702—Clippers (Horse)

See also Horse Clipping Machines
American Shearer Mfg. Co. ("Priest's"),
Nashua, N. H.

Bartley Bros. & Hall ("Clarks" Imported),
50 Warren, New York

Redman C. H. & Co., 48 Dickerson, New-
ark, N. J.

Reliable Electric Co. ("Reliable," Elec-
tric), 411 S Sangamon, Chicago, Ill.

2703—Clippers (Orange)

Cassady Fairbank Mfg. Co., 6126 S La
Salle, Chicago, Ill.

Clauss Shear Co. ("Claus"), Fremont, O.

Henry John T. Mfg. Co., Hamden, Conn.

National Cutlery Co., Westmoreland &
Boudinot, Phila., Pa.

Wiss J. & Sons Co., 31 Littleton av, New-
ark, N. J.

Clippers (Stay Bolt)

See Pneumatic Stay Bolt Clippers

2704—Clips (Axle)

Akron-Selle Co., Akron, O.

BONNEY VISE & TOOL WORKS (Auto-
mobile & Carriage Spring), Allentown,
Pa. *See adv index at end of book*

Clapp E. D. Mfg. Co., Auburn, N. Y.

Cleveland Hardware Co., Cleveland, O.

Columbus Bolt Works Co., Columbus, O.

Cowles C. & Co., New Haven, Conn.

Eccles Richard Co. (Drop Forged), Au-
burn, N. Y.

Harvey Spring & Forging Co., Racine, Wis.

Keystone Forging Co. ("Windsor" Drop
Forged), Northumberland, Pa.

Moore Franklin Co., Winsted, Conn.

Oliver Iron & Steel Co., S 10th & Muriel,
Pittsburgh, Pa.

Queen City Brass & Iron Works, Cin-
cinnati, O.

Seward M. & Son Co., New Haven, Conn.

Smith H. D. & Co., Plantville, Conn.

Strieby & Foote Co., 301 Ogden, Newark,
N. J.

Union Forging Co., Union, N. Y.

Upson Nut Co., Cleveland, O.

Western Tool & Forge Co., Brackenridge,
Pa.

Wilcox D. Mfg. Co., Mechanicsburg, Pa.

2705—Clips (Breeching & Cockeye)

American Mfg. Co., Chattanooga, Tenn.

Columbus Chain Co., Columbus, O.

See adv index at end of book
Frazer & Jones Co., Syracuse, N. Y.

North & Judd Mfg. Co. ("Anchor Brand"),
New Britain, Conn.

Schartow Mfg. Co., Milwaukee, Wis.

Clips (Cable Hanging)

See Hangers, Cable

2706—Clips (Canthook)

American Logging Tool Co., Evart, Mich.

Stowell Co., The, S Milwaukee.

2707—Clips (Damper)

Adams Co., Dubuque, Ia.

Berger Bros. Co. ("B. B."), 229 Arch,
Phila., Pa.

Brohard Co. (Malleable Iron), 3rd & Le-
high, Phila., Pa.

Kramer Bros. Foundry Co., Dayton, O.

Loetscher-Ryan Mfg. Co. ("Star"), Du-
buque, Ia.

Meister & Cochran ("Sterling" No-Rivet),
Sterling, Ill.

Parker Supply Co. ("Sure Lock-Clip"), 785
E 135th, New York

Sterling Foundry Co. ("Sterling," No-
Rivet), Sterling, Ill.

Stover Mfg. Co. ("Ideal"), Freeport, Ill.

Taylor & Boggis Foundry Co., Cleveland,
O.

U. S. Register Co., Ltd., Battle Creek,
Mich.

Wagner C. De Witt, Cedar Rapids, Ia.

Wrightsville Hardware Co., Wrightsville,
Pa.

2708—Clips (Floor)

Chicago Builders' Specialties Co. ("O K"
Wire), 11 S La Salle, Chicago, Ill.

Mulvey Chas. Mfg. Co. (Steel Floor), 1840
Carroll av, Chicago, Ill.

STANLEY WORKS, New Britain, Conn.

See adv index at end of book
Variety Mfg. Co. (Steel), 2958 Carroll av,
Chicago, Ill.

2709—Clips (Fountain Pen)

Ansonia Novelty Co. ("Best"), Ansonia,
Conn.

Consolidated Safety Pin Co. ("Klymax"),
Bloomfield, N. J.

Van Valkenburg L. D. ("Faultless" V. V.
Clips), Holyoke, Mass.

2710—Clips (Fuse)

Condit Electric Mfg. Co. ("Shawmut"), 1st
& L, Boston, Mass.

Connecticut Electric Mfg. Co., Bridgeport,
Conn.

D. & W. Fuel Co., Hathaway, Providence,
R. I.

Sherman H. B. Mfg. Co., Battle Creek,
Mich.

2711—Clips (Hame)

Columbus Chain Co., Columbus, O.

See adv index at end of book
EAST BANGOR MFG. CO., Bangor, Pa.

Frazer & Jones Co., Syracuse, N. Y.

Imperial Bit & Snap Co. ("Imperial,"
"Eureka"), Racine, Wis.

North & Judd Mfg. Co. ("Anchor Brand"),
New Britain, Conn.

Oliver Iron & Steel Co., S 10th & Muriel,
Pittsburgh, Pa.

Schartow Mfg. Co., Milwaukee, Wis.

Standard Rivet Co., 41 Lincoln, Boston,
Mass.

2712—Clips (Paper)

Bridgeport Hardware Mfg. Corp.
("Daisy"), Bridgeport, Conn.

Buffalo Automatic Mfg. Co. ("Climax"),
165 Pearl, Buffalo, N. Y.

Buffalo Machine Mfg. Co., Buffalo, N. Y.

Clinch Clip Co., 196 Seneca, Buffalo, N. Y.

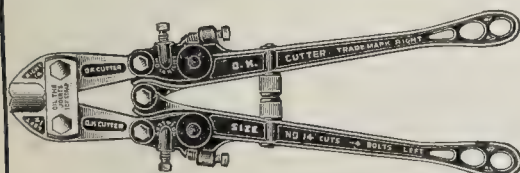
Clippess Paper Fastener Co., Newton, Ia.

Consolidated Safety Pin Co. ("Eureka"),
Bloomfield, N. J.

Cook H. C. Co. ("Vise Clip" & "Cling"
Clips), 100-120 Jewett, Ansonia, Conn.

Bolt Clippers

10-in., 14-in., 18-in., 24-in., 30-in.,
36-in., 42-in.



H. K. PORTER, Everett, Mass.

Roberts Mfg. Co. ("Roberts" & "Victor"),
Somerville, Mass.

See adv index at end of book

Cushman & Denison Mfg. Co. ("Gem," "Ideal"), 240 W 23rd, New York
 Easy Fastener Co., Atlanta, Ga.
 Eisler Anthony & Co. ("Presto"), 227 Canal, New York
 Freshour Henry C. ("Perfect"), Bridgeport, Conn.
 Globe-Wernicke Co., 25 Carthage av., Cincinnati, O.
 Graff Geo. B. Co. ("Graffco Vise," "Graffco Cling"), 294 Washington, Boston, Mass.
 Grammes L. F. & Sons ("Common Sense," "Jiffy," "Grammes," "Big Jiffy"), Allentown, Pa.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Niagara Clip Co. ("Niagara," "Giant," "Cinch"), 155 Waverly pl, New York
 Peck, Stow & Wilcox Co., Southington, Conn.
 Sargent & Co., New Haven, Conn.
 Sureloc Paper Clip Co., Providence, R. I.
 Weis Mfg. Co. ("Weis"), Monroe, Mich.
 Yessler Max, Inc. ("Cliplox"), Milwaukee, Wis.

2713—Clips (Pen & Pencil)

Ansonia Novelty Co., Ansonia, Conn.
 Argus Mfg. Co. ("Up-to-Date"), 128 S Honore, Chicago, Ill.
 Sterling Metal Novelty Mfg. Co., 174 Worth, N. Y.
 Van Valkenburg L. D. ("Faultless," "Van Valkenburg's"), Holyoke, Mass.

2714—Clips (Saddle, Etc.)

Eccles Richard Co., Auburn, N. Y.

2715—Clips (Singletree & Double-tree)

Eccles Richard Co., Auburn, N. Y.
 Harvey Spring & Forging Co., Racine, Wis.

Clips (Sleeper)

See Clips, Floor

2716—Clips (Structural Steel)

Auer John, Jr. (Beam Clips), 197 Middleton, Brooklyn, N. Y.
 Racky Albert C., 531 S 5th av, Chicago, Ill.
 Streeter Clip & Specialty Co., 4101 Ravenswood av, Chicago, Ill.

2717—Clips (Testing)

Condit Electrical Mfg. Co. ("Condit"), 1st & L. Boston, Mass.
MORSE FRANK W. ("Morse Eureka"), 293 Congress, Boston, Mass.
See adv index at end of book
 Mueller R. S. (Insulated Universal), 423 High av, S E, Cleveland, O.

2718—Clips (Wire Rope)

American Hoist & Derrick Co. ("Crosby"), St. Paul, Minn.
AMERICAN STEEL & WIRE CO. ("Crosby"), 208 S La Salle, Chicago, Ill.
See adv index at end of book
 Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.
 Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.
 Chicago Wire Rope Preserver Co. ("Chicago"), 315 S La Salle, Chicago, Ill.
 Cincinnati Railway Supply Co., 13 E 2d, Cincinnati, O.
 Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
 Hallett Iron Works, Harvey, Ill.
 Hazard Mfg. Co., Wilkes-Barre, Pa.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Laughlin Thos. Co. ("Dirigo"), Portland, Me.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
 Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.
 Mockbee C. M. ("Cincinnati"), 816 E Pearl, Cincinnati, O.
 Moon George C. Co., 124 White, New York
 Neptune Hardware Mfg. Co., 54 South, New York
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.
See adv index at end of book
 Seward & Co., Bloomington, Ind.
 Terry & Tench Co., 70 E 45th, New York

Upson-Walton Co. of N. Y., The, 291 Broadway, New York
See adv index at end of book
 Wilcox, Crittenden & Co. ("Nipper," "Crosby"), Middletown, Conn.
 Williamsport Wire Rope Co., Williamsport, Pa.
WRIGHT WIRE CO. ("Crosby"), Worcester, Mass.
See adv index at end of book

2719—Clock Mfrs.

See also Clocks, Various Kinds

Aluminum Container Corp. ("Aluminum"), Fulton, N. Y.
 Ansonia Clock Co., 99 John, New York
 Benedict Mfg. Co., East Syracuse, N. Y.
 Chelsea Clock Co. (8 Day), 16 State, Boston, Mass.
 Durfee Walter H. & Co. (Tubular Chime), 151 Pond, Providence, R. I.
 Eagle Metal Works (Locomotive & Marine), 127 Purchase, Boston, Mass.
 Gilbert W. L. Clock Co. (And Regulators), Winsted, Conn.
 Hanson Mfg. Co. (School), Princeton, Ind.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
FOXBO RO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
 Ingraham E. Co., Bristol, Conn.
 Ithaca Calendar Clock Co. (Calendar, etc), Ithaca, N. Y.
 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Magneta Co., 58 W 15th, New York
 National Clock & Mfg. Co., 20 W Lake, Chicago, Ill.
 New Haven Clock Co., New Haven, Conn.
 Parker Clock Co., Meriden, Conn.
 Phelps H. D., Ansonia, Conn.
 Pioneer Corp., 1249 W 63d, Chicago, Ill.
 Self-Winding Clock Co., 163 Grand av., Brooklyn, N. Y.
 Sessions Clock Co. (Mantel, Hanging, Regulators, etc), Forrestville, Conn.
 Standard Electric Time Co. ("Standard," Electric), Springfield, Mass.
 Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.
 Waltham Watch Co., Waltham Clock dept., Waltham, Mass.
 Waterbury Clock Co., Waterbury, Conn.
 Western Clock Co. (Alarm, etc; also Boy Proof Watches), La Salle, Ill.

2720—Clock Trimmings

Clark A. N. & Son, Plainville, Conn.
 Gilbert W. L. Clock Co., Winsted, Conn.
 Waterbury Clock Co., Waterbury, Conn.

Clock Works

See Movements, Clock, etc

2721—Clocks (Alarm)

Borgfeldt Geo. & Co. (Imported), 16th & Irving pl, New York
 Darche Mfg. Co. ("Darche" Electric Searchlight, Night Light, Call & Alarms), 15 N Jefferson, Chicago, Ill.
 Gilbert W. L. Clock Co. ("Surprise," "Empire," "Best," "G. Whiz," "The Gilbert"), Winsted, Conn.
 Ingraham E. Co. ("Indian" with the Bell inside), Bristol, Conn.
 Manhattan Elec'l Supply Co., 17 Park pl, New York
 New Haven Clock Co. ("Tattoo"), New Haven, Conn.
 Parker Clock Co. ("Mammoth"), Meriden, Conn.
 Sessions Clock Co., Forestville, Conn.
 Strauss Bros. & Co. (Imp.), 355 B'way, New York
 Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la., New York
 Thomas Seth Clock Co., 19 W 44th, New York
 Thomas Seth Clock Co., Thomaston, Conn.
 Western Clock Co. ("America," "Big Ben," "Iron Clad," "Lookout," "Bingo"), La Salle, Ill.
 Yankee Wizard Clock Co., 18 B'way, New York

2722—*Clocks (Angelus Strikers, Quarter & Half Hour Strikers)

HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book

Clocks (Automobile)

See Clocks & Watches Dashboard

2722a—Clocks (Chime)

American Chime Clock Co., 1665 Ruffner, Phila., Pa.
 American Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Phila., Pa.
 Ansonia Clock Co., 99 John, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
 Kuehl Clock Co., 125 N Wabash av, Chicago, Ill.
 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Sonora Chime Co., 106 Reade, New York
 Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.

2723—Clocks (Cost Keeping Systems)

Automatic Time Stamp Co. ("Duragraph" Elapsed Time Recorder), 159 Congress, Boston, Mass.
TIME REGISTER REPAIR & SUPPLY CO., Gardner, Mass.
See adv index at end of book

2724—Clocks (Cuckoo)

American Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Phila., Pa.
 Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la., New York

2725—Clocks (Differential)

Differential Clock Co. (Will Run One Year With One Winding), 209 S State, Chicago, Ill.

2726—Clocks (Electric)

American Self Winding Clock Co., 136 W Lake, Chicago, Ill.
 American Watchman's Time Detector Co., 3403 Perkins av, Cleveland, O.
 Automatic Time Stamp Co. ("Automatic," Self-Winding Master & Secondary, 159 Congress, Boston, Mass.
BETTS & BETTS CORP. ("Elektrik Klok"), 513 W 42d, New York
 Blodgett Clock Co., 261 Franklin, Boston, Mass.
 Bogart A. L. Co., 55 Barclay, New York
 Darche Mfg. Co., 15 N Jefferson, Chicago, Ill.
 Electric Time & Mfg. Co. ("Moore"), West Lafayette, Ind.
 Hoffecker Co. ("Hoffecker"), 222 Eliot, Boston, Mass.
 Hoggson S. H. & Co., 17 Thames, New York
HOWARD E. CLOCK CO. (Secondary), Bromfield & Washington, Boston, Mass.
See adv index at end of book
 Imhauser E. Co. (Watchman's), 212 B'way, New York
 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Magneta Co., 58 W 15th, New York
PETTES & RANDALL CO., 150 Nassau, New York
 Self-Winding Clock Co. (Master & Secondary), 163 Grand av, Brooklyn, N. Y.
 Standard Electric Time Co. ("Standard" Time System), Springfield, Mass.
 Thomas Seth Clock Co., Thomaston, Conn.
 Waverly Novelty Co., Bessemer bldg, Pittsburgh, Pa.

2727—Clocks (Electric Alarm)

Darche Mfg. Co., 15 No Jefferson, Chicago, Ill.
 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Partrick & Wilkins Co., Phila., Pa.
 United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

2728—Clocks (English Hall)

American Cuckoo Clock Co., 1665 Ruffner, Wayne Junc., Phila., Pa.
 Colonial Mfg. Co., Zeeland, Mich.
 Durfee Walter H. & Co. (Tubular Chime), 151 Pond, Providence, R. I.
 Gilbert W. L. Clock Co., Winsted, Conn.
 Grand Rapids Clock & Mantel Co. (Also Clock Cases, etc.), Grand Rapids, Mich.

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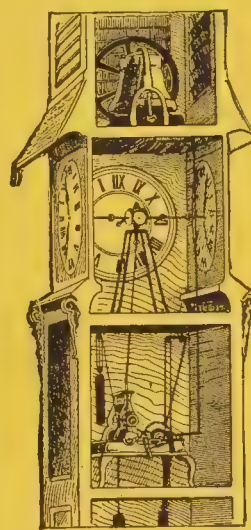
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GUY LOWELL, Architect



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 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Sessions Clock Co., Forestville, Conn.
 Sussfeld, Lorsch & Co. (Imp.), 90 Malden la, New York
 Thomas Seth Clock Co., Thomaston, Conn.
 Waltham Watch Co., Waltham Clock dept. (Striking or Chiming on Gongs, Bells or Tubes), Waltham, Mass.

2729—Clocks (Hank or Pick)

Mossberg Frank Co., Attleboro, Mass.

2730—Clocks (Lace Measuring)

Firsching Jno. A., Utica, N. Y.

2731— Clocks (Locomotive)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
 Ashcroft Mfg. Co., 119 W 40th, New York
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
 Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
 Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomston, Cinn.

2732— Clocks (Marine)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
 Ansonia Mfg. Co., 1777 B'way, New York
 Ashcroft Mfg. Co., 119 W 40th, New York
 Betts & Betts Corp. ("Elektrik Klok"), 2513 W 42d, New York
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.
 Gilbert William L. Clock Co., Winsted, Conn.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
 Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
 National Gauge Co. ("National"), 300 Pacific Brooklyn, N. Y.
 New Haven Clock Co., New Haven, Conn.
 Phelps H. D., Ansonia, Conn.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
 Sessions Clock Co., Forestville, Conn.
 Star Brass Mfg. Co. ("Star"), 103 E Dedham, Boston, Mass.
 Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.
 U. S. Gauge Co., 67 Wall, New York
 Waterbury Clock Co., Waterbury, Conn.

2733— Clocks (Pneumatic)

Hahl Automatic Clock Co. ("Masterclock" Automobile), 2644 N Maplewood av, Chicago, Ill.

Clocks (Program)

See Clocks, Self-Winding & Program, Electric

2734—Clocks (Secondary Electric)

BETTS & BETTS CORP. ("Elektrik Klok"), 513 W. 42d, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
 Sohm Electric Co. ("Sohm System"), 141 W Austin av, Chicago, Ill.
 Standard Electric Time Co. ("Standard"), Springfield, Mass.

2735—Clocks (Self-Winding & Program Electric)

American Self Winding Clock Co., 136 W Lake, Chicago, Ill.
 Baird Equipment Co., 319 W Ohio, Chicago, Ill.
BETTS & BETTS CORP. ("Elektrik Klok"), 513 W 42d, New York

Blodgett Clock Co., 261 Franklin, Boston, Mass.
 Columbia School Supply Co., Indianapolis, Ind.
 Gillette Elec. Street Clock Co., 728 Buckingham, E Chicago, Ill.
 Hartford Clock Co., Hartford, Conn.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
 Imperial Elec. Clock Co., St. Louis, Mo.
 International Time Recording Co., Endicott, N. Y.
 Landis Engng. & Mfg. Co. ("Frick"), Waynesboro, Pa.
 Lockwood & Almquist, 112 E 19th, New York
 Magneta Co., 58 W 15th, New York
 Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
 Standard Electric Time Co. ("Standard"), Springfield, Mass.
 Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
 Thomas Seth Clock Co., Thomaston, Conn.
 Tiffany Elec. Mfg. Co., Ellicott sq, Buffalo, N. Y.
 Walker Bros. & Haviland, 1532 Sansom, Phila., Pa.

2736—Clocks (Synchronized Systems)

Betts & Betts Corp. ("Elektrik Klok"), 513 W 42d, New York
 Bunnell J H & Co., 32 Park pl, New York
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
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 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Magneta Co., 58 W 15th, New York
PETTES & RANDALL CO., 150 Nassau, New York
 Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
 Standard Electric Time Co. ("Standard"), Springfield, Mass.
 Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

2737—Clocks (Time-Recording System)

See also Time Recorders

Automatic Time Stamp Co., 159 Congress, Boston, Mass.
 Cincinnati Time Recorder Co., Central av & York, Cincinnati, O.
HOWARD E. CLOCK CO., Bromfield & Washington, Boston, Mass.
See adv index at end of book
 International Time Recording Co. of New York ("Rochester," "Dey"), Endicott, N. Y.
 Simplex Time Recorder Co. ("Simplex"), 135 5th av, New York
See adv index at end of book
 Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.
TIME REGISTER REPAIR & SUPPLY CO., Gardner, Mass.
See adv index at end of book
 Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

2738— Clocks (Tower)

Betts & Betts Corp. ("Elektrik Klok"), 513 W 42d, New York.
HOWARD E. CLOCK CO. (Angelus Strikers & Quarter & Half-Hour Strikers), Bromfield & Wash'n, Boston, Mass.
See adv index at end of book
 Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
 Standard Electric Time Co. ("Standard," Electric), Springfield, Mass.
 Thomas Seth Clock Co., 19 W 44th, New York. Works: Thomaston, Conn.

2739— Clocks (Watchman's)

See also Time Recorders

American Watchman's Time Detector Co. ("Cleveland," Magneto American Watchman's Time Detector), 3403 Perkins av, Cleveland, O.
 Bunnell J. H. & Co., 32 Park pl, New York
 Daugherty A. E., Penn bldg, Pittsburgh, Pa.
 Eco Magneto Clock Co. (Electric & Portable), 197 Congress, Boston, Mass.
 Edwards & Co., Exterior & 140th, New York

Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Hausburg E. O. (Stationary, Portable & Electric. Send for Descriptive Catalogue), 45 Maiden la, New York
 Holtzer-Cabot Electric Co., Brookline, Mass.
 Hoppe Paul F. Co., 123 Liberty, New York
HOWARD E. CLOCK CO. (Electric), Bromfield & Wash'n, Boston, Mass.
See adv index at end of book
 Imhauser E. Co. (Portable & Electric), 212 B'way, New York
 Landis Engng. & Mfg. Co., Waynesboro, Pa.
 Manhattan Elec'l Supply Co., 17 Park pl, New York
 Nanz Clock Co. ("Hahn," "Nanz Imperial"), 178 Fulton, New York
 Newman Clock Co. (Stationary, Portable & Electric), 565 Wash. blvd, Chicago, Ill.
PETTES & RANDALL CO., 150 Nassau, New York
 Riggs & Bro. (Electric & Portable), 310 Market, Phila., Pa.
 Sanford Chas. E. (Night Watchman's Register), 18 B'way, New York
 Yaxley Mfg. Co. ("Monarch"), 1101 W Monroe, Chicago, Ill.

2740—*Clocks (Watchman's Patrol) SIMPLEX TIME RECORDER CO., 135 5th av, New York

See adv index at end of book

2740a—*Clocks (Watchman's Portable)

HARDINGE BROS. (Mfrs.), 4203 Ravenswood av, Chicago, Ill.
 Rowe A. C., 280 B'way, New York
 Signal Systems Ltd., 2 Robins bldg, Toronto, Canada
 Thomas F. A. Co., Wells Fargo bldg, San Francisco, Cal.

2741—Clocks & Watches (Dashboard)

Chelsea Clock Co., 16 State, Boston, Mass.
 Clark A. N. & Son ("Hex"), Plainville, Conn.
 Hartford Clock Co., Hartford, Conn.
 Keyless Auto Clock Co., 246 W 59th, New York
 Post & Lester Co. ("Regal"), Hartford, Conn.
 Sessions Clock Co., Forestville, Conn.
 Thomas Seth Clock Co., Thomaston, Conn.
 Thompson Elec. Clock Co., Memphis, Tenn.
 Waterbury Clock Co., Waterbury, Conn.
 Waverly Novelty Co., Bessemer bldg, Pittsburgh, Pa.

2742— Clogs

Buffalo Last Works, 4 Lock, Buffalo, N. Y.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Closet Seat Bumpers

See Rubber Bumpers

2743— Closets (Chemical)

Automatic Chemical Closet Co. ("Auto-Kemclo," Vitreous China), 1417 Wash. av N, Minneapolis, Minn.
 Dail Steel Products Co., Lansing, Mich.
 Kawnear Cabinet Co., Kawnear bldg, Kansas City, Mo.
 Rowe Sanitary Mfg. Co., 210 6th av, Detroit, Mich.
 United Engine Co., Lansing, Mich.

2744— Closets (Dry Earth)

American Warming & Ventilating Co. ("American Cremating"), Elmira, N. Y.
 Fuller & Warren Co., Troy, N. Y.
 Heap Wm. & Sons ("Heap's"), Grand Haven, Mich.
 Kaustine Co., Buffalo, N. Y.
 MaGirl P. H. ("Mammoth"), Bloomington, Ill.
 Standard Mfg. Co., 439 Water, Pittsburgh, Pa.
 Stephenson C. H. ("Stephenson" Portable Underground), Lynn, Mass.
 Universal Sanitary Mfg. Co., New Castle, Pa.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Cloth (Asbestos)

See Asbestos Material

2744a— Cloth (Balloon)

Goodyear Tire & Rubber Co., Akron, O.

2745— Cloth (Billiard Table)

Saxton Woolen Co. (Woolen), Norwich, Conn.

2746— Cloth (Bolting)

See also Wire Cloth

ABBE ENGINEERING CO. (Swiss Silk), 220 B'way, New York

See adv index at end of book

Abbe Paul O. (Imp.), 30 Broad, New York

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book**BEACH-RUSS CO.** (Silk Swiss), 220 B'way, New York. See adv index at end of book

Buffalo Weaving & Belting Co. (Webs), Buffalo, N. Y.

Buffalo Wire Works Co. (Wire), 453 Terrace, Buffalo, N. Y.

See adv index at end of book

Carey Samuel ("Double Anchor" Silk), 17 State, New York

Cornelius Mill Furnishing Co. ("Bodmer" & "Schindler" Silk, Imported), 119 N 6th, St. Louis, Mo.

Estey Wire Works Co. (Wire), 34 Cliff, New York

Gerdes & Co., 42 Church, New York

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Gump B. F. Co. (Silk), 429 S Clinton, Chicago, Ill.

Hammond - Homberger Co. ("Excelsior Anchor"), Silver Creek, N. Y.

Holmes & Blanchard Co. ("Imperial" Silk), 31 State, Boston, Mass.

Howard & Morse (Wire), 46 Fulton, New York

Howe R. J. ("Wydler"), 320 B'way, New York

Latimer R. L. & Co. ("Anchor Brand"), 24 N Front, Phila., Pa.

MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.

See adv index at end of book

Multi-Metal Separating Screen Co. ("Multi-Metal"), 68 E 131st, New York

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.

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Nordyke & Marmon Co. (Silk & Wire), 1290 Kentucky av, Indianapolis, Ind.

Sprout, Waldron & Co. (Silk & Wire), Muncy, Pa.

TOBLER & CO. ("Dufour" Silk, Imported), 35 S William, New York**TYLER W. S. CO.** (Wire), Cleveland, O.

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2747— Cloth (Book)

Bancroft Jos & Sons Co., Rockford, Wilmington, Del.

Holliston Book Cloths, 2 W 13th, New York

Interlaken Mills, Turks Head bldg, Providence, R. I.

Irving Mfg. Co. (Buckram), 23 Jersey, New Brighton, S. I., N. Y.

Richter Mfg. Co. (Buckram), Tenafly, N. J.

Thompson Jas. & Co. (Buckram), Valley Falls, N. Y.

2747a— *Cloth (Brass Wire)**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. See adv index at end of book**2748— Cloth (Brattice)**

Childs H. L. & Co. (Importers), 249 Water, Pittsburgh, Pa.

Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.

Fulton Bag & Cotton Mills ("F-F-F-F" Non-Inflammable Jute), Atlanta, Ga.

Goodwin Reid & Co. (Converters), 3304 Beekman, Cincinnati, O.

Irving Mfg. & Tool Co., 157 Chambers, New York

Johnston-Morehouse-Dickey Co. (Non-Inflammable Jute), 106 Market, Pittsburgh, Pa.

Kern Commercial Co. (Waterproof, Non-Inflammable), 114 Liberty, New York

Sommerville Brattice Cloth Co. (Imp.), 290 Front, New York

Turner Laurin H. & Co. (Non-Inflammable Duck), 160 W Jackson bl, Chicago, Ill.

Upson-Walton Co. of N. Y., The (Imp.), 291 B'way, New York

See adv index at end of book

Cloth (Camel's Hair)

See Cloths, Press

2749— Cloth (Casket)

Neponset Woolen Mills, Canton Junction Mass.

2750— Cloth (Cheese)

American Cotton Mills Co., 70 Franklin, New York

Griswoldville Mfg. Co., 75 Worth, New York

2751—Cloth (Clearer & Roller)

American Felt Co., 100 Summer, Boston, Mass.

Noone's Jos. Sons Co., Peterboro, N. H.

Cloth (Emery, Flint & Garnet)

See Paper, Flint, Sand & Emery

Cloth (Filter)

See Cloths, Filter

2752— Cloth (Gummed)

Nashua Gummed & Coated Paper Co., Nashua, N. H.

Peters Co., 33 35th, Brooklyn, N. Y.

Thomas Stationery Mfg. Co., Springfield, O.

2753— Cloth (Insulating)

See also Mica; also other Insulating Specialties

American Mica Co. ("Puritan"), Newton Lower Falls, Mass.

Chicago Mica Co. ("Champion"), Valparaiso, Ind.

Dunton M. W. Co. ("Gibraltar"), 150 Niagara, Providence, R. I.

Irvington Varnish & Insulator Co., Irvington, N. J.

Keen Mica Products Co. (Cambric), 34 W 33d, New York

Meirowsky Bros. (Also Silk), Jersey City, N. J.

Mica Insulator Co. ("Empire," "Kablak"), 68 Church, New York

Mica Mfg. Co. ("Micasmiths"), 454 18th, Brooklyn, N. Y.

Packard Electric Co., Warren, O.

Pittsburgh Insulating Co. (Linen), 96 43d, Pittsburgh, Pa.

Schenectady Linonite Co., Schenectady, N. Y.

Standard Paint Co. ("P. & B."), 233 B'way, New York

Standard Underground Cable Co., Pittsburgh, Pa.

Standard Woven Fabric Co., Walpole, Mass.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

2754— Cloth (Rubber Coated)

Aronoff Joseph J. (Auto Top), 120 Hamilton av, Trenton, N. J.

Boston Woven Hose & Belting Co. Cambridge, Mass.

Chase L. C. & Co. ("Dreadnought" Motor Topping), 89 Franklin, Boston, Mass.

See adv index at end of book

Chicago Rubber Clothing Co., Racine, Wis.

Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.

Du Pont Fabrikoid Co. ("Fairfield"), Wilmington, Del.

For branch offices see adv index at end of book

Gordon J. P. Co. (For American-made Cars), Columbus, O.

Hodgman Rubber Co., 8 W 40th, New York

Muttly L. J. Co. (Numotor), 175 Congress, Boston, Mass.

Plymouth Rubber Co., Canton, Mass.

Rosenwald & Weil ("Imperial"), 514 West Kinzie, Chicago, Ill.

2755— Cloth (Umbrella)

Ashland Cotton Co. (Cotton), Jewett City, Conn.

Clifton Textile Co. (Silk), Union Hill, N. J.

Dundee Textile Co., Passaic, N. J.

Fashion Silk Mfg. Co., Paterson, N. J.

Haenichen Bros. Silk Co., Paterson, N. J.

Lock Haven Silk Co. (Lock Haven, Pa.

Muller Gloria Mills (Silk), Norwalk, Conn.

Newburgh Silk Co., Newburgh, N. Y.

Pennsylvania Silk Co., Bangor, Pa.

Roessel Louis & Co. (Silk), Hazleton, Pa.

Slater Mfg. Co. (Cotton), Pawtucket, R. I.

2756—Clothes Dryers (Hot Air, Steam, Etc.)

Adams Laundry Machinery Co., Troy, N. Y.

American Wringer Co., 99 Chambers, New York

Chicago Dryer Co., 630 S Wabash av, Chicago, Ill.

Domestic Laundry Equipment Corp. ("Chicago," "American"), 228 W 26th, New York

Hawkins Rollyn, Indianapolis, Ind.

Hill-Canton Dryer Co., Canton, O.

Mannen John E. Co. ("Manest"), 2247 St. Clair, Cleveland, O.

Miller Wm. Range & Furnace Co., 7th & B'way, Cincinnati, O.

Tolhurst Machine Works, Troy, N. Y.

Troy Laundry Machinery Co., Ltd., 23d & La Salle, Chicago, Ill.

Williamson Heater Co. ("Favorite"), 335 W 5th, Cincinnati, O.

2757—Clothes Dryers (Lawn, Balcony, Etc.)

See also Bars, Clothes

Chapman Co. ("Superior" Window & Balcony Dryers), Geneva, N. Y.

Chicago Dryer Co. ("Chicago Laundry," "Chicago Francis," "Chicago Rapido," "Sun" Clothes Drying Cabinets with Trucks), 630 S Wabash av, Chicago, Ill.

Cooper & McKee, 110 Lorimer, Brooklyn, N. Y.

Corbett & Co., 429 E 109th, New York

Domestic Laundry Equipment Corp., 228 W 26th, New York

Eclipse Co. ("Eureka" Roller Bearing, "Eclipse" Folding Wall), North Girard, Pa.

Fleck M., 119 E 131st, New York

Kalamazoo Specialty Co., Kalamazoo, Mich.

Moulton C. W. H. Co. (Folding, etc), Somerville, Mass.

Munnsville Plow Co. ("Munnsville Best"), Munnsville, N. Y.

Olmsted A. E. ("American"), Pulaski, N. Y.

Portland Extension Ladder & Pole Co. (Lawn), 130 Orange, Newark, N. J.

Robinson R. W. Co. ("Victor"), Worcester, Mass.

Seed Filter & Mfg. Co. ("Out-of-Sight," "Royal" Elevating), 96 Church, New York

Standard Clothes Dryer Co. (Revolving), Worcester, Mass.

Steinfeld Bros. (Bars, Arm & Wall), 116 W 22d, New York

Success Mfg. Co. (Yard or Lawn, "Success"), Gloucester, Mass.

Toledo Cooker Co., Toledo, O.

Clothes Drying Frames

See Clothes Dryers, Lawn, Balcony, etc

2758— Clothes Lines

See also Rope, Cotton, etc

American Mfg. Co. (Jute), West, Brooklyn, N. Y.

Atlantic Tubing Co., 1756 Cranston, Providence, R. I.

Beebe Cordage Co., Rockaway, N. J.

Cleveland Mill & Power Co. (Cotton), Lawndale, N. C.

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y.

See adv index at end of book

Dale Margaret, Arlington Mass.

Estes Mills ("Granite," "Bristol," "Export," "Bargain," "Business," "Merchant," "Eureka," "Winner," "Niagara," "J. H. E." & "Markdown"), Fall River, Mass.

Fricke J. E. Co. (Cotton), 247 Market, Phila., Pa.

Goss Bros. (Cotton), Fall River, Mass.

Holden James (Cotton), Fall River, Mass.

January & Wood Co., Maysville, Ky.

Mallison Braided Cord Co. (Cotton), Athens, Ga.

Puritan Cordage Mills (Cotton), Louisville, Ky.
 St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.
 Samson Cordage Works, 88 Broad, Boston, Mass.
 Sanderson L. M. (Cotton), Haydenville, Mass.
 Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
 Silver Lake Co., Newtonville, Mass.
 Small Bros., Fall River, Mass.
 Southern Mills Corp. (Cotton), Oxford, Ala.
 Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
 Tate Mfg. Co., 48 Hanover, Boston, Mass.
 Toohy M. J. & Co. (Cotton), Fall River, Mass.
 Tribble A. L. Co. (Cotton), 59 Temple, pl, Boston, Mass.
 Turner & Stanton Co., Norwich, Conn.

2759—Clothes Lines (Self-Winding)

Hawthorne Mfg. Co. ("Hawthorne" Automatic), Bridgeport, Conn.

2760—Clothes Lines (Wire)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
 Hollow Cable Mfg. Co. (Galvanized), Hornell, N. Y.
 Malin & Co., Cleveland, O.
 Parker Wire Goods Co. (Rust Proof), Worcester, Mass.
WRIGHT WIRE CO. ("Excelsior" Brand Reinforced Hollow Cable; also Plain & Twisted Wire), Worcester, Mass.
See adv index at end of book

2761—Clothes Reel Centers (Iron)

Adams Co., Dubuque, Ia.
 Indiana Foundry Co., Indiana, Pa.
 Loetscher-Ryan Mfg. Co., Dubuque, Ia.
 Swett A. L. Iron Works, Medina, N. Y.

2762—Clothing (Oiled)

Carter J. F. Co., Beverly, Mass.
 Corliss C. R. & Son, Gloucester, Mass.
 Franklin Rubber Co., 134 Federal, Boston, Mass.
 Gloucester Oiled Clothing Co., Gloucester, Mass.
 Nelson J. M., Gloucester, Mass.
 Nickerson Levi Co., Gloucester, Mass.
 Sawyer H. M. & Sons ("Excelsior"), Cambridge, Mass.
 Schwartz & Berstein, Gloucester, Mass.
 Standard Oiled Clothing Co., 152d & Union av, New York
 Tower A. J. Co. (Fish Brand), 18 Simmons, Boston, Mass.
 Western Oiled Clothing Co., Kansas City, Mo.

2763—Clothing (Rubber)

American Rubber Co., 130 Essex, Boston, Mass.
 Chicago Rubber Clothing Co., Racine, Wis.
 Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.
 Franklin Rubber Co., 134 Federal, Boston, Mass.
 Goodyear Tire & Rubber Co., Akron, O.
 Hodgman Rubber Co., 8 W 40th, New York

2764—Cloths (Copying)

Adams Mfg. Co., 2230 Market, Phila., Pa.
 Eureka Blotter Bath Co. ("Eureka," Sanitary), 6221 Wentworth av, Chicago, Ill.

2765—Cloths (Dustless Dust)

Cedar-Sweep Co. ("C. S. C."), Los Angeles, Cal.
 Chicago Feather Duster Co. ("Absorbo"), 816 Fulton, Chicago, Ill.
 Dearborn Duster Co., 550 W Harrison, Chicago, Ill.
 Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.
 Fricke Adolf ("Fricke"), 73 Franklin, New York
 Gem Supply Co. ("Mysterious"), Waterbury, Conn.
 Hanson F. C. ("Absorbit"), Southbridge, Mass.

Hoag Duster Co. ("Hoags"), Monticello, Ia.

HOWARD DUSTLESS DUSTER CO.

("Howard Dustless Duster"), 263 Franklin, Boston, Mass.
 Milton Chemical Co. ("B. B."), 156 Sixth, Cambridge, Mass.

Ohio Duster Co. ("Elite"), Cleveland, O.
 Pioneer Mfg. Co. ("Shino"), Cleveland, O.
 Reddick Lambs Wool Polisher & Products Co., Harrison bldg, Phila., Pa.

Rochester Chemical Co., Rochester, N. Y.
 Sanitary Stamped Wares & Specialties Co., 415 W B'way, New York

TATE E. H. MOP & CORDAGE CO. ("Best Quality"), 15 Chardon, Boston, Mass.
 Tate Mfg. Co., 48 Hanover, Boston, Mass.
 Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.

2766—Cloths (Filter)

Bemis Bros. Bag Co. (Cotton, Jute or Camels Hair), 601 S 4th, St. Louis, Mo.
 Brighton Mills, Passaic, N. J.
 Brooklyn Filter Bag Co. (Cotton), 643 Kent av, Brooklyn, N. Y.
 Channon H. Co., 150 N Market, Chicago, Ill.
 Hall W. & Co., Lansdowne, Pa.
 Hoegee, Wm. H. Co., Los Angeles, Cal.
 Huyck F. C. & Sons, Albany, N. Y.
 Johnson John Co., 203 37th, Brooklyn, New York
 Lane J. H. & Co. (Jobbers), 334 4th av, New York
 Milwaukee Bag Co., Milwaukee, Wis.
 Mt. Vernon-Woodberry Co., Cont. bldg, Baltimore, Md.
 Multi-Metal Separating Screen Co., 68 E 131st, New York
 National Filter & Cloth Weaving Co. (Cotton, Flax & Jute), 57 Hope, Brooklyn, N. Y.
 National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
 Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book
STANLEY WM. W. (Filter Press Duck), 50 Church, New York

2767—Cloths (Polishing)

Behrend F., 54 Front, New York
 Dorsey Mfg. Co. ("Dorsey" for Metal), 39 Pearl, Boston, Mass.
 Fricke Adolf ("Fricke," "Chamoise," "Silvena" Silk Silver), 73 Franklin, New York
 G. V. Sales Co. ("Omy" for Wood & Metal), 12 Spruce, New York
 General Supply Co., Worcester, Mass.
 Hanson F. C. ("Cleanslik"), Southbridge, Mass.
 Landers Bros. Co. (Sanitary), Toledo, O.
 Mill Remnants Co. ("Mireco"), 19 Bond, New York
 North Jos. W. & Sons, Elizabeth, N. J.
 Pioneer Mfg. Co. ("Shino"), Cleveland, O.
 Saponol Chemical Co. ("Ol-Se-Co"), 1916 Park av, New York
 Silvex Co. ("Glad Rags"), 30 Church, New York
 Wood W. A. Co., 373 Atlantic av, Boston, Mass.

2768—Cloths (Press)

Acme Press Cloth Co. (Camel's Hair), Frankford, Phila., Pa.
 American Press Cloth Co. (Woolen for Hydraulic Presses), Columbia, S. C.
 Bemis Bro. Bag Co. (Cotton, Jute or Camels Hair), 601 S 4th, St. Louis, Mo.
 Brighton Mills, Passaic, N. J.
 Chelsea Fibre Mills, 212 5th av, New York
 Fulton Bag & Cotton Mills, Atlanta, Ga.
 Gary James S. & Son, Equitable bldg, Baltimore, Md.
 Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
 Mishler Mfg. Co. (Cotton & Hemp), Smithville, O.
 Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
 Perkins, J. T. Co., 669 Kent av, Brooklyn, N. Y.
 Sheehan D. H. (Cotton & Camel's Hair), Westford, Mass.
 Southern Press Cloth Mfg. Co., Augusta, Ga.
 Sugden Press Bagging Co. (Camel's Hair), West Chelmsford, Mass.
 Tallassee Falls Mfg. Co., Tallassee, Ala.
 Warren Mfg. Co. (Duck), Warren, Md.

Werk Robert & Co., New Orleans, La.
 Willingham Cotton Mills, Macon, Ga.

2768a—*Cloths (Strainers)

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.
See adv index at end of book

2769—Cloths (Wiping, Plumbers')

Bernz Otto, 21 Ashland av, Newark, N. J.
 Glauber M. & Co., 103 Varick, New York
 Johnson Wm. (Hedenberg Works) (Moleskin & Ticking), Newark, N. J.
 Nye Tool & Machine Works ("Nye," Common & Herringbone Ticking & English Moleskin), 108 N Jefferson, Chicago, Ill.
 Starbuck R. M. & Sons, Hartford, Conn.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
 Wolverine Brass Works, Grand Rapids, Mich.
 Woodward-Wanger Co., 1106 Spring Garden, Phila., Pa.

2770—Clubs (Golf)

Burke Golf Co., Newark, O.
 Crawford, McGregor & Canby Co., Dayton, O.
 Hillerich & Bradsby Co. ("H & B"), 725 S Preston, Louisville, Ky.
 Spalding A. G. & Bros., 126 Nassau, New York
 Wright & Ditson, 344 Wash'n, Boston, Mass.

2771—*Clubs (Wooden)

ESTES E. B. & SONS (Police Clubs, Indian Clubs, etc.), 358 5th av, New York
See adv index at end of book

2772—Clusters (Fixture)

(Ceiling or Wall Bracket Fixtures)
 See also Electric & Gas Lighting Fixtures
 American Brass & Copper Co., 138 Lafayette, New York
 Benjamin Electric Mfg. Co. (Wireless, Car, Ceiling, Pendant, Weather-Proof, etc), 128 S Sangamon, Chicago, Ill.
 Dale Lighting Fixture Co. ("Weeks"), 107 W 13th, New York
 Dayton Mfg. Co., Dayton, O.
 Faries Mfg. Co., Decatur, Ill.
 Federal Sign System (Electric), 640 W Lake, Chicago, Ill.
 Forg Peter Mfg. Co. (Electric), Somerville, Mass.
 Frink I. P., 24th & 10th av, New York
 Gleason E. P. Mfg. Co., 37 Murray, New York
 Harter Mfg. Co., 522 S Clinton, Chicago, Ill.
 Hubbell Harvey (Inc.), Bridgeport, Conn.
 Post-Glover Electric Co., 314 W 4th, Cincinnati, O.
 Walsh-Owen Mfg. Co., 525 W 26th, New York
 White Jas. H. Mfg. Co., 111 N 3rd, Brooklyn, N. Y.
 White O. C. Co., Worcester, Mass.

When writing to firms
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2773—Clusters (Wireless Fixture)

BENJAMIN ELECTRIC MFG. CO., 128 S Sangamon, Chicago, Ill.
Dale Lighting Fixture Co. ("Weeks"), 107 W 13th, New York
Federal Electric Co., 640 W Lake, Chicago, Ill.

2773a— Clutch Facings

STANDARD WOVEN FABRIC CO. ("Multibestos"), Walpole, Mass.

2774— Clutches (Arc Lamp)

Paiste H. T. Co., 3201 Arch, Phila., Pa.
Phila. Electrical & Mfg. Co. ("Perfect"), 1236 N 31st, Phila., Pa.
Western Electric Co., 500 S Clinton, Chicago, Ill., & 463 West, New York

2775— Clutches (Automobile)

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
Bossert Corporation, The (Cones & Discs), Utica, N. Y.
See adv index at end of book
Hartford Auto Parts Co. (Cone), Hartford, Conn.
Hilliard Clutch & Machinery Co. ("Hilliard," Multiple Disk Dry Friction), Elmira, N. Y.
Konigslo Otto Mfg. Co. (Cone), 3506 Perkins av., Cleveland, O.
Mechanics Machine Co., Rockford, Ill.
MERCHANT & EVANS CO. ("Helo-Shaw"), 2035 Washington av., Phila., Pa. *See adv index at end of book*
Muncie Gear Wks., Muncie, Ind.
Reed Foundry & Machine Co. (Multiple Disc & Cone), Kalamazoo, Mich.
Trio Mfg. Co. (Multiple Disc & Cone), Bellevue & Warren avs., Detroit, Mich.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Wabash Gear Works (Multiple Disc & Cone), Terre Haute, Ind.
Warner Gear Co. (Cone & Multiple Disc), Muncie, Ind.

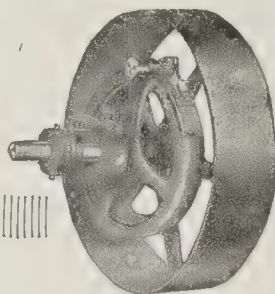
2776— Clutches (Electric)

Brown-Lipe Gear Co. (Multiple Discs), Syracuse, N. Y.
Cutler-Hammer Mfg. Co., 1200 St. Paul av., Milwaukee, Wis.
See adv index at end of book
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

2777— Clutches (Friction)

See also Pulleys, Friction Clutch; also Machinery, Power Transmitting
Akron Gear & Engng. Co. ("Ideal," Multiple cone), Akron, O.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Tool & Machine Co. ("Hill," "Hub" & "Worrall"), 10 High, Boston, Mass.
Bauroth Bros., Springfield, O.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
Beloit Iron Works ("Bulldog"), Beloit, Wis.
Bicknell-Thomas Co. (for Machine Tools up to 12 H. P.), Greenfield, Mass.
Blevney J. C., 209 Parkhurst, Newark, N. J.
Brightman Machine Co., Cleveland, O.
Brown A. & F. Co., 79 Barclay, New York Works: Elizabethport, N. J.
Brown Clutch Co., Sandusky, O.

Caldwell H. W. & Son Co., 17th & Western av., Chicago, Ill.



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Chain Belt Co., Milwaukee, Wis.
Cleveland Clutch Co. ("Cleveland" Self-Oiling), Cleveland, O.
Conway & Co., 2507 Beekman, Cincinnati, Ohio
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Split & Solid), Mishawaka, Ind.
Eastern Machinery Co. ("Frisbie"), New Haven, Conn.
Edgemont Machine Co. ("Edgemont"), Dayton, O.
Erie Clutch & Pulley Co., Erie, Pa.
Essmuller Mill Furnishing Co. ("Peerless"), 1222 S 8th, St. Louis, Mo.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av., Chicago, Ill.
Falls Clutch & Machinery Co. ("Falls"), Cuyahoga Falls, O.
Farrel Foundry & Machine Co. (Coil), Ansonia, Conn.
Filer & Stowell Co., Milwaukee, Wis.
Frost Mfg. Co. ("Frost"), Galesburg, Ill.
HILL CLUTCH CO. ("Smith" Type), 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machinery Co. ("Hilliard" Friction Clutch & Cut-Off Couplings), Elmira, N. Y.
Holyoke Machine Co. ("Lombard"), Worcester, Mass.
Humphrey Machine Co., Keene, N. H.
Hunt Rodney Machine Co., Orange, Mass.
Hunter Jas. Machine Co., N. Adams, Mass.
Jeffrey Mfg. Co. (Chain), 961 W Fourth, Columbus, O. *See adv index at end of book*
Johnson Carlyle Machine Co. ("Johnson"), Manchester, Conn.
Jones W. A. Foundry & Machine Co. ("Lemley"), 4401 W 12th, Chicago, Ill.
Lane G. W. & C. A., Exeter, N. H.
Lauson-Lawton Co., De Pere, Wis.
LINK-BELT CO. ("Ewart" & "Disk"), 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*
McFarland Foundry & Machine Co. ("Harthan" Reverse, for Motor Boats, etc), Trenton, N. J.
McMahon & Co., Worcester, Mass.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Meese & Gottfried Co., 660 Mission, San Francisco, Cal.

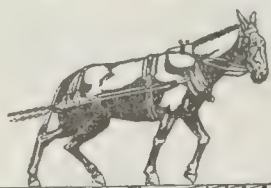
Mereen-Johnson Machine Co., 44th av, N & River, Minneapolis, Minn.
Miller Foundry & Specialty Co., No Tonawanda, N. Y.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Minster Machine Co., Minster, O.
Mobile Pulley & Machine Co., Mobile, Ala.
Moore & White Co., N 15th & Lehigh av., Phila., Pa.
Morgan Construction Co., Worcester, Mass.
Newark Gas Engine & Mfg. Co. ("Hoerl"), 479 Canal, New York
O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.
Oesterlein Machine Co., Cincinnati, O.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Peerless Bread Machine Co. ("Standard"), Sidney, O.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Sta., Baltimore, Md.
Pusey & Jones Co., Ft. Poplar, Wilmington, Del.
Pyott Co. ("Pyott-Miller" Steel Plate), 1401 W North av., Chicago, Ill.
Redin, Ekstrom & Co., Rockford, Ill.
Reliance Gauge Column Co. ("Cleveland"), Cleveland, Ohio
Schultz A. L. & Son ("Schultz"), 1675 Elston av., Chicago, Ill.
Schwab R. J. & Sons Co. ("Milwaukee"), 283 Clinton, Milwaukee, Wis.
Secord & Orr Co. ("Sta-Rite"), Jackson, Mich.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co. ("Muir" Steel Plate, etc.), 4520 Cortland, Chicago, Ill.
Snow & Petrelli Mfg. Co. ("Joe's"), New Haven, Conn.
Sprout, Waldron & Co., Muncy, Pa.
Strait H. N. Mfg. Co., Kansas City, Kan.
Stephens-Adamson Mfg. Co. ("S. A." Steel Plate), Aurora, Ill.
Sunderland Machinery & Supply Co., Omaha, Nebr.
Thomas Coupling Co. ("Empire"), Troy, Pa.
Transmission Ball & Bearing Co., 1056 Military rd., Buffalo, N. Y.
United Iron Works Co. (Patented), Springfield, Mo.
Universal Machinery Co., 784 30th, Milwaukee, Wis.
Verges Mfg. Co., 518 Prairie, Milwaukee, Wis.
Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co. (And Jaw), 853 W North av., Chicago, Ill.
Wellman-Seaver-Morgan Co. ("Lane" & "Pitkin"), Cleveland, O.
WESTLUND C. G. CO. ("Star" Safety, "Westlund Split"), 498 Millbury, Worcester, Mass.
Williams Foundry & Machine Co. of Ohio ("Akron"), Akron, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. ("Universal Giant"), Chambersburg, Pa.

2778—*Clutches (Friction, Heavy Mill)

LINK-BELT CO., 39th & Stewart av., Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

2779— Clutches (Gas Engine)

Brown Clutch Co. ("Brown"), Sandusky, O.
Carruthers & Fithian Clutch Co., Grove City, Pa.
Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av., Chicago, Ill.
Havana Mfg. Co., Havana, Ill.
Hill Clutch Co., 1000 W 58th, Cleveland, Ohio
Hilliard Clutch & Machy Co., Elmira, N. Y.
Johnson Carlyle Machine Co. ("Johnson"), Manchester, Conn.
Jones W. A. Foundry & Machine Co. ("Lemley"), 4401 W 12th, Chicago, Ill.
Lauson-Lawton Co., De Pere, Wis.
Minster Machine ("Herken" Friction), Minster, O.
O. K. Clutch & Machinery Co. ("O.K." Friction), Columbia, Pa.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Thomas Coupling Co. ("Empire"), Troy, Pa.



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2780—Clutches (Magnetic)

Cutler-Hammer Mfg. Co., 1200 St. Paul av,
Milwaukee, Wis.
See adv index at end of book

2781—Clutches (Motor Cycle)

Eclipse Machine Co., 18th, Elmira, N. Y.
Universal Machinery Co., 784 30th, Milwaukee, Wis.

2782—Clutches (Rail)

Handlan-Buck Mfg. Co. ("McPartland"),
210 14 N 3rd, St. Louis, Mo.

2783—*Clutches (Safety, Friction)

DODGE SALES & ENGINEERING CO.
(Separate at any Speed), Mishawaka,
Ind.

Coal Breakers

See Crushers, Coal & Coke

Coal Cutters

See Coal Cutting Machines

Coal Dock Outfits

*See Conveyors, Coal; also Buckets; also
Tubs, Hoisting; also Tubs, Self-Dumping;
also Derricks; also Engines, Hoisting,
etc*

**2784—Coal Handling & Storage
Plant Construction**

*See also Machinery, Coal & Ore Handling;
also Conveyors, Coal & Ash Handling*

BROWN HOISTING MACHINERY CO.,
Cleveland, O. *See adv index at end of book*
Fairbanks, Morse & Co. (Designers & Builders),
900 S Wabash av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo,
N. Y.

Gas Machinery Co., 1900 Euclid av, Cleveland, O.

Guarantee Construction Co. (For Power Plants),
140 Cedar, New York

Haiss Geo. Mfg. Co., 141st & Rider av,
New York

HAYWARD CO., THE, 50 Church, New York
See adv index at end of book

HUNT C. W. CO., West New Brighton,
N. Y. *See adv index at end of book*

Jeffrey Mfg. Co., 961 N. Fourth, Columbus,
Ohio. *See adv index at end of book*

LINK-BELT CO. (Complete Plants), 39th
& Stewart av, Chicago, Ill., & Hunting
Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Macdonald Engineering Co., 53 W Jackson
blvd, Chicago, Ill.

Maine Electric Co., Portland, Me.

Mead-Morrison Mfg. Co., Cor. Prescott &
Orleans, East Boston, Mass.

Neumeyer & Dimond ("Demag" Imp), 82
Beaver, New York

PITTSBURGH-DES MOINES STEEL CO.,
4th & Ross, Pittsburgh, Pa.
See adv index at end of book

Roberts & Schaefer Co. (Engineers' & Contractors'
Coal Washeries, Tipples, Screening Equipment, Power Houses,
Bins & Coaling Stations), 332 S. Michigan
av, Chicago, Ill.

Webster Mfg. Co., Tiffin, O.

Wellman-Seaver-Morgan Co., Cleveland, O.

Huggins Jas. & Son (For Rubber Mfrs.),
Malden, Mass.

Marden, Orth & Hastings Co., 61 B'way,
New York

Milwaukee Gas Light Co., 182 Wisconsin,
Milwaukee, Wis.

National Aniline & Chemical Co., Inc.,
Schoellkopf Wks, Buffalo, N. Y.

National Aniline & Chemical Co., 100 William,
New York

Philadelphia Aniline & Extract Co. (Aniline),
Bourse bldg, Phila., Pa.

Semet-Solvay Co., Syracuse, N. Y.

Seydel Mfg. Co., 88 Forrest, Jersey City,
N. J.

Stelwagon Mfg. Co., 19th & Washington
av, Phila., Pa.

Standard Chemical Co., Tacoma, Wash.

United Roofing & Mfg. Co., Morris bldg,
Phila., Pa.

Warren Bros. Co. ("Acme"), 59 Temple
pl, Boston, Mass.

Warren Chemical & Mfg. Co., 17 Battery
pl, New York

Watson H. F. Co. (Crude & Refined), Erie,
Pa.

Wilckes, Martin, Wilckes Co. (Coal Tar
Only), 135 William, New York

Zobel Ernst Co., 112 2d av, Brooklyn, N. Y.

**2786—Coal & Coke Crushing &
Screening Plants**

Chain Belt Co., Milwaukee, Wis.

Farnham Mfg. Co., 39 Indiana, Buffalo,
N. Y.

Heyl & Patterson, 51 Water, Pittsburgh,
Pa.

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

JEFFREY MFG. CO., 961 N 4th Columbus,
Ohio. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago,
Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Mead-Morrison Mfg. Co., cor Prescott &
Orleans, East Boston, Mass.

Phillips Mine & Mill Supply Co. (Screening
Only), 2227 Jane, Pittsburgh, Pa.

Sanford-Day Iron Works (Screening Only),
Knoxville, Tenn.

Webster Mfg. Co., Tiffin, O.

Harshaw, Fuller & Goodwin Co. (Oxide,
Acetate, Carbonate, Chloride, Nitrate,
Sulphate, Linoleate, Resinate), Electric
bldg, Cleveland, O.

Innes, Speiden & Co., Inc., 46 Cliff, New
York. *See adv index at end of book*

McKesson & Robbins, 91 Fulton, New York

Roessler & Hasslacher Chemical Co. (Oxide,
etc), 100 William, New York

Wiarda John C. & Co. (Oxide & Sulphate),
273 Greene, Brooklyn, N. Y.

2792—Cobblers' Outfits

Chattanooga Implement & Mfg Co., Chattanooga,
Tenn.

Enterprise Mfg. Co. of Pa., N 3d, cor Dauphin,
Phila., Pa.

Root-Heath Mfg. Co. ("Economy," "Economic",
"Eclipse," "Invincible,"

"Guaranteed Perfection," "Leader,"

"Royal," "Acme," "Universal," "Plymouth
Rock," "Combination," "Popular,"

"Fireside," "Premier," "Practical,"
"Home" Family, etc), Plymouth, O.

Sacks Louis ("Star"), Hamberg pl, Newark,
N. J.

Steinfeld Bros. (Family, etc), 116 W 32d,
New York

Wrightsville Hardware Co., Wrightsville,
Pa.

Nolte Brass Co., Springfield, O.
 Pittsburgh Brass Mfg. Co. (For Mines),
 Pittsburgh, Pa.
 Powell Wm. Co., Cincinnati, O.
 Queen City Brass & Iron Works, Cincinnati, O.
 Roberts Brass Mfg. Co., Detroit, Mich.
 Standard Brass Works, 97 Wight, Detroit, Mich.
 Sterling & Skinner Mfg. Co., 2672 E Grand
 blvd, Detroit, Mich.
 Strater Herman & Sons, 74 Sudbury, Boston, Mass.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

2797— Cocks (Air Brake)

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Sherburne & Co. (Brakeman's for Controlling from Rear of Trains When Backing), 53 Oliver, Boston, Mass.
 Star Brass Mfg. Co. ("Star," Brakeman's Signals), 108 E Dedham, Boston, Mass.
WESTINGHOUSE AIR BRAKE CO. (Self-Locking Angle), Pittsburgh, Pa.

2798— Cocks (Ale & Beer)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Asbell S. J. Co., Paterson, N. J.
 Bishop-Babcock-Becker Co., Cleveland, O.
 Cleveland Faucet Co., Cleveland, O.
 Cleveland Brass Works, Cleveland, O.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Hamilton Jno. Brass Works (Beer or Bar), Bridgeport, Conn.
 Haydenville Co., Haydenville, Mass.
 Homer Brass Works, 231 Race, Phila., Pa.
 Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
 Landers, Frary & Clark, New Britain, Conn.
 Liberty Brass Works, 305 W Lombard, Baltimore, Md.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 Peck Bros. & Co., New Haven, Conn.
 Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
 Strater Herman & Sons, 74 Sudbury, Boston, Mass.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2799— Cocks (Ball)

Acheson Mfg. Co. ("Mansfield"), Rankin, Pa.
 Ahrens & Ott Mfg. Co., Louisville, Ky.
 American Brass & Copper Co., 138 Lafayette, New York
 American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco"), Waterbury, Conn.
 Appleton Brass Works ("Curtain," Rotary), 3 Appleton, Boston, Mass.
 Belknap Mfg. Co., Bridgeport, Conn.
 Boston Brass Co. ("B. R." High Pressure), 135 Bacon, Waltham, Mass. *See adv index at end of book*
 Boyts, Porter & Co., Connellsville, Pa.
 Burlington Brass Works ("Hartford"), Burlington, Wis.
 Cahill-Swift Mfg. Co. ("Crescent"), St. Louis, Mo.
 Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*
 Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Dalton Ingersoll Mfg. Co., 141 High, Boston, Mass.
 Dececo Co., 157 High, Boston, Mass.
 d'Este Julian & Co. ("U. S."), 24 Canal, Boston, Mass.
 Douglas John Co., Carthage, Cincinnati, O.
 Edwardsville Brass Co., Edwardsville, Ill.
 Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
 Enameled Tank Co., Kalamazoo, Mich.
 Exeter Brass Works ("Ryan's," "M. H."), Exeter, N. H.
 Fleck Bros. Co., 44 N 5th, Phila., Pa.
 Frost Mfg. Co. ("Frost"), Kenosha, Wis.
 Haines, Jones & Cadbury Co. ("Hajoja"), 1136 Ridge av, Phila., Pa.
 Hall Mfg. Co., Harrison, N. J.
 Haydenville Co., Haydenville, Mass.
 Heap Wm. & Sons, Grand Haven, Mich.

Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.
 Hoffman & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 Homer Brass Works, 231 Race, Phila., Pa.
 Humphreys Mfg. Co. (High Pressure), Mansfield, O.
 Hyland W. J. Mfg. Co. (Clark), Springfield, Mass.
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
 L. B. Brass Co. ("L. B."), Peabody, Mass.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McNab & Harlin Mfg. Co., 55 John, New York
 McRae & Roberts Co. (High Pressure), 227 Campbell av, Detroit, Mich. *See adv index at end of book*
 McShane Bell Foundry Co. ("McShane" Compression), Harford av & B. & O. R. R., Baltimore, Md.
 Meyer-Sniffen Co., 11 W 36th, New York
 Miller Chas. A. Co. (Low Down, Closet, etc.), Sturgis, Mich.
 Monarch Brass Co., Cleveland, O.
 Morency-Van Buren Mfg. Co. ("M. V. R."), Sturgis, Mich.
 Mott, J. L. Iron Works, Trenton, N. J.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Nelson N. O. Mfg. Co., 10th & Chestnut St. Louis, Mo.
 Nye Tool & Machine Works ("Nye," Noiseless), 108 N Jefferson, Chicago, Ill.
 Ohio Pump & Brass Co. ("Triumph"), Columbus, O.
 Peck Bros. & Co., New Haven, Conn.
 Ramsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
 S. & I. Co. ("Never Break," "S. & I. Quiet"), Springfield, Mass.
 Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
 Schild Specialty Co. ("Herschler Faultless"), 111 High av, Cleveland, O.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Street & Kent Mfg. Co. (Quanco," Barbers'), 549 Fulton, Chicago, Ill.
 Tillotson Humidifier Co. (Noiseless), 78 Fountain, Providence, R. I.
 Trenton Brass & Machine Co., Trenton, N. J.
 Try-Me Mfg. Co. ("Try Me"), Springfield, Mass.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
 Union Metal Works ("A. R. R. C."), Chelsea, Mass.
 Webb F. W. Mfg. Co., 50 Elm, Boston, Mass.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
 Wolf L. Mfg. Co., 601 W Lake, Chicago, Ill.
 Wolverine Brass Works ("Dale"), Grand Rapids, Mich.

2800— Cocks (Basin)

Allyne Brass Foundry Co. ("Junior," Compression), 207 Crawford, Detroit, Mich.
 American Foundry & Mfg. Co. (Compression, Ground Key & Self-Closing), 11th & Herbert, St. Louis, Mo.
 Atkinson Co., Rochester, N. Y.
 Banner Mfg. Co. ("Banner," Self-Closing Faucet), 109 Lafayette, New York
 Bashlin Co. (Compression & Self-Closing), Warren, Pa.
 Burlington Brass Works (Fuller & Compression), Burlington, Wis.
 Central Brass Mfg. Co. ("Quick-Pression" Faucets), 6206 Cedar, Cleveland, O.
 Chicago Faucet Co. ("Chi-Fau-Co." Self-Closing), 2712 N Crawford av, Chicago, Ill.
 Columbia Brass Co. (China Index), Detroit, Mich.
 Cooper Sanitary Mfg Co. (Compression & Fuller), 34th & Chestnut, Phila., Pa.
 Dearborn Brass Co. (Self-Closing), Cedar Rapids, Ia.
 Dick Bros. (Inc.) ("Dick"), Reading, Pa.
 Elgin Brass Co., 92 John, New York
 Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
 Empire Brass Mfg. Co., Cleveland, O.
 Excelvalve Co. ("Excel-O Valve" Slow Closing), 1777 Broadway, New York

Federal Mfg. Co., 21 E Vanburen, Chicago, Ill.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
 Haydenville Co. (Compression & Swing), Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 Hoffman & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 Imperial Co. ("Imperial"), Grove City, Pa.
 Kelly & Jones Co. (Compression, etc.), 135 Water, Pittsburgh, Pa.
 McCambridge Co., 20th & Wood, Phila., Pa.
 McDonald A. Y. Mfg. Co. ("McDonald," Adjustable Right or Left Fuller), Dubuque, Ia.
 McNab & Harlin Mfg. Co. (Compression, etc.), 55 John, New York
 McRae & Roberts Co. ("China Index Handle," Compression), 227 Campbell av, Detroit, Mich. *See adv index at end of book*
 McShane Bell Foundry Co. (Compression & Self-Closing), Harford av & B. & O. R. R., Baltimore, Md.
 Meyer-Sniffen Co., 11 W 36th, New York
 Mott J. L. Iron Works, Trenton, N. J.
 Mueller H. Mfg. Co. (Compression, Rapidac, Fuller & Self-Closing), Decatur, Ill.
 Nopack Brass Mfg. Co. ("Nopack"), DuBois, Pa.
 Peck Bros. & Co., New Haven, Conn.
 Prier Brass Mfg. Co. ("Standard" Self-Closing & "Prier" Quick Compression), Kansas City, Mo.
 Regar Co. ("Regar"), 1523 E. 45th, Cleveland, O.
 Sherman H. B. Mfg. Co., Battle Creek, Mich.
 Speakman Supply & Pipe Co. ("Speakman" Compression Faucet, China Mountings), 30th & Spruce, Wilmington, Del.
 Stebbins E. Mfg. Co. ("Broughton" Self-Closing), Springfield, Mass.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

2801— Cocks (Bath)

American Brass Mfg. Co., 1521 E. 149th, Cleveland, O.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Sanitary Mfg. Co. ("American-Fuller"), Abingdon, Ill.
 Atkinson Co., Rochester, N. Y.
 Bashlin Co. (Compression), Warren, Pa.
 Burlington Brass Works (Fuller), Burlington, Wis.
 Central Brass Mfg. Co. ("Quick-Pression" Faucets), 6206 Cedar, Cleveland, O.
 Cooper Sanitary Mfg. Co. (Compression & Fuller), 34th & Chestnut, Phila., Pa.
 Dearborn Brass Co., Cedar Rapids, Ia.
 Dick Bros. (Inc.), ("Fuller"), Reading, Pa.
 Edwardsville Brass Co., Edwardsville, Ill.
 Elgin Brass Co., 92 John, New York
 Empire Brass Mfg. Co., Cleveland, O.
 Findelsen & Kropf Mfg. Co. (Fuller), 2550 W 21st, Chicago, Ill.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
 Hays Mfg. Co., Erie, Pa.
 Hoffman & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 McCambridge Co., 20th & Wood, Phila., Pa.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McShane Bell Foundry Co. (Compression Double), Harford av & B. & O. R. R., Baltimore, Md.
 Mott J. L. Iron Works, Trenton, N. J.
 Mueller H. Mfg. Co. (Compression, Rapidac & Fuller), Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Northern Brass Mfg. Co. (Double, etc.), Waukegan, Ill.
 Rundie Mfg. Co. (Fuller & Compression), 27th & Wahl, Milwaukee, Wis.
 Trenton Brass & Machine Co. (Compression), Trenton, N. J.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

2802— *Cocks (Bibb Nose)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2803—Cocks (Blow-Off)

Berkshire Mfg. Co. (For Foundry Use), Cleveland, O.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Crosby Steam Gage & Valve Co. ("Johnstone"), 40 Central, Boston, Mass.
 Homestead Valve Mfg. Co., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 Nathan Mfg. Co. (For Locomotive), 416 E 106th, New York
 O'Malley-Beare Valve Co. ("Multiplate"), Railway Exch bldg, Chicago, Ill.
 Pittsburgh Valve Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.
 Whitehead Bros. Co. (For Foundry Use), 537 W 27th, New York

2804—Cocks (Clay Press)

Trenton Brass & Machine Co. (For "Watson" & "Belfield" Clay Presser), Trenton, N. J.

2805—Cocks (Cooler)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Haydenville Co., Haydenville, Mass.
 National Brass Mfg. Co., Rochester, N. Y.

2806—Cocks (Corporation)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Buckeye Iron & Brass Works, Dayton, O.
 Campbell J. B. Brass Works, Erie, Pa.
 Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
 Elkhart Brass Mfg. Co. (Stop), Elkhart, Ind.
 Everhart Brass Works, Scranton, Pa.
 Farnam Brass Works Co., 1105 Center, Cleveland, O.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Hamilton Jno. Brass Works, Bridgeport, Conn.
 Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 Healey Peter, Evansville, Ind.
 Homer Brass Works, 231 Race, Phila., Pa.
 Jarecki Mfg. Co., Erie, Pa.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 Kinsey & Mahler Co., Peoria, Ill.
 Kitson Co. ("Kitson"), 2819 Oakford, Phila., Pa.
 Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
 Landers, Frary & Clark, New Britain, Conn.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McCambridge Co., 20th & Wood, Phila., Pa.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McNab & Harlin Mfg. Co., 55 John, New York

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book
 Meyer-Sniffen Co., 11 W 36th, New York
 Mueller H. Mfg. Co., Decatur, Ill.

NASON MFG. CO., 71 Fulton, New York
See adv index at end of book

Nolte Brass Co., Springfield, O.
 Ohio Pump & Brass Co., Columbus, O.
 Peck Bros. & Co., New Haven, Conn.
 Pioneer Brass Works, Indianapolis, Ind.
 Prier Brass Mfg. Co., Kansas City, Mo.
 Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.

Smith A. P. Mfg. Co. (Also Curb), E. Orange, N. J.

Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

Stebbins E. Mfg. Co., Springfield, Mass.
 Union Water Meter Co., Worcester, Mass.
 Walworth Mfg. Co., Boston, Mass.

Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2807—Cocks (Cream Separator)

Haydenville Co., Haydenville, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
 National Brass Mfg. Co., Rochester, N. Y.
 Standard Brass Works, 97 Wight, Detroit, Mich.

2808—Cocks (Curb)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
 Hays Mfg. Co., Erie, Pa.
 Jarecki Mfg. Co., Erie, Pa.
 Mueller H. Mfg. Co., Decatur, Ill.
 Nolte Brass Co., Springfield, O.
 Rockford Brass Works, Rockford, Ill.

2809—Cocks (Cylinder)

American Safety Lamp & Mine Supply Co. (Locomotive), Scranton, Pa.
 Buckeye Iron & Brass Works (Also With Connecting Handle, etc), Dayton, O.
 Detroit Brass Works, Detroit, Mich.
 Edna Brass Mfg. Co. (Locomotive Cylinder), Cincinnati, O.
 Hancock Inspirator Co. (Pneumatic), 119 W 40th, New York
 Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Michigan Lubricator Co., Detroit, Mich.
 Nathan Mfg. Co. (Cylinder & Drain for Locomotives), 416 E. 106th, New York
 Powell Wm. O. (Tee Handle & L Handle, Traction Engine, etc), Cincinnati, O.
 Roberts Brass Mfg. Co., Detroit, Mich.
 Sterling & Skinner Mfg. Co., 2672 E Grand blvd, Detroit, Mich.
 Watertown Specialty Co. ("Watertown" Automatic Drain), Watertown, N. Y.

2810—Cocks (Dial)

Essex G. B. Brass Co. ("Essex"), Detroit, Mich.
 Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2811—Cocks (Drain)

Frasse Peter A. & Co., Inc. ("Britton"), 417 Canal, New York
See adv index at end of book
 Homestead Valve Mfg. Co., Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2812—Cocks (Filter Press)

Haydenville Co., Haydenville, Mass.
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2813—Cocks (Float)

Homestead Valve Mfg. Co., Pittsburgh, Pa.

2814—*Cocks (Four-Way)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2815—Cocks (Gas Engine)

Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2816—Cocks (Gas Meter)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
 Buckeye Iron & Brass Works, Dayton, O.

Campbell J. B. Brass Works, Erie, Pa.
 Crane Co., Bridgeport, Conn.
 Elkhart Brass Mfg. Co., Elkhart, Ind.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 Jarecki Mfg. Co., Erie, Pa.
 Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McNab & Harlin Mfg. Co., 55 John, N. Y.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book
 Mueller H. Mfg. Co., Decatur, Ill.
 National Tube Co. (With "KEWANEE" Union), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Powell Wm. Co., Cincinnati, O.
 Rockford Brass Works (Lock Wing Union), Rockford, Ill.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Utica Valve & Fixture Co., Utica, N. Y.

2816a—*Cocks (Gas Meter with "Kewanee" Unions)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

2817—Cocks (Gas Service)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
 Belfield H. Co., 435 N Broad, Phila., Pa.
 Boston Steam Specialty Co., 332 A, Boston, Mass.
 Buckeye Iron & Brass Works, Dayton, O.
 Campbell J. B. Brass Works, Erie, Pa.
 Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book
 Detroit Brass Works, Detroit, Mich.
 Elkhart Brass Mfg. Co., Elkhart, Ind.
 Everhart Brass Works, Scranton, Pa.
 Exeter Brass Works, Exeter, N. H.
 Farnam Brass Works Co., 1105 Center, Cleveland, O.

Flannery J. P. Co., New Britain, Conn.
 Gauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.

Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 Healey Peter, Evansville, Ind.
 Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.

Homer Brass Works, 231 Race, Phila., Pa.
 Jarecki Mfg. Co., Erie, Pa.
 Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.

Kinsey & Mahler Co., Peoria, Ill.
 Kitson Co. ("Kitson"), 2819 Oakford, Phila., Pa.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McCambridge Co., 20th & Wood, Phila., Pa.

McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McMann & Taylor Co., 104 John, New York
See adv index at end of book

McNab & Harlin Mfg. Co., 55 John, N. Y.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book
 Meyer-Sniffen Co., 11 W 36th, New York
 Morgan Mfg. Co., Newport, R. I.

Mueller H. Mfg. Co., Decatur, Ill.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book

National Supply Co., Toledo, O.
 National Tube Co. (With "KEWANEE" Union), Frick bldg, Pittsburgh, Pa.

See adv index at end of book
 Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.

Nolte Brass Co., Springfield, O.
 Ohio Pump & Brass Co., Columbus, O.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Peck Bros. & Co., New Haven, Conn.
 Perkes Chas. (Est. of), 627 Arch, Phila., Pa.

Powell Wm. Co., Cincinnati, O.
 Queen City Brass & Iron Works, Cincinnati, O.

Rockford Brass Works, Rockford, Ill.
 Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.

Simmons John Co., 110 Centre, New York
Smith A. P. Mfg. Co., East Orange, N. J.
Stebbins E. Mfg. Co., Springfield, Mass.
Sterling & Skinner Mfg. Co., 2672 E Grand
blvd, Detroit, Mich.
Union Brass & Metal Mfg. Co., Lawson &
Macubin, St. Paul, Minn.
Utica Valve & Fixture Co., Utica, N. Y.
Walworth Mfg. Co., Boston, Mass.
Weir & Craig Mfg. Co., 2439 Wallace, Chi-
cago, Ill.
Wolff L. Mfg. Co., 601 W Lake, Chicago,
Ill.

2818—Cocks (Gas Stove)

American Brass & Copper Co., 138 La-
fayette, New York
Detroit Brass Works, Detroit, Mich.
Hays Mfg. Co., Erie, Pa.
McRAE & ROBERTS CO., 227 Campbell
av, Detroit, Mich.
See adv index at end of book
Mueller H. Mfg. Co., Decatur, Ill.
Roberts Brass Mfg. Co., Detroit, Mich.
Rockford Brass Works, Rockford, Ill.
Standard Brass Works, 97 Wight, Detroit,
Mich.
Stebbins E. Mfg. Co., Springfield, Mass.
Utica Valve & Fixture Co., Utica, N. Y.

2819—Cocks (Gasoline Shut-Off)

Homestead Valve Mfg. Co., Pittsburgh, Pa.
Imperial Brass Mfg. Co., 524 S Racine av,
Chicago, Ill. *See adv index at end of book*
LUNKENHEIMER CO., Executive Offices &
Factories: Beekman & Waverly, Cin-
cinnati, O. *See adv index at end of book*
Powell Wm. Co., Cincinnati, O.

2820—Cocks (Gauge)

**AMERICAN SAFETY LAMP & MINE
SUPPLY CO.** ("Scranton" Self-Clos-
ing), Scranton, Pa.
American Steam Gauge & Valve Mfg. Co.
("American," "Bonar"), 208 Camden,
Boston, Mass.
Ashcroft Mfg. Co. (Locomotives, etc), 119
W 40th, New York
Ashton Valve Co., 161 First, Cambridge,
Mass.
Belfield H. Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bordo L. J. Co., 12th & Thompson, Phila.,
Pa.
Buckeye Iron & Brass Works (Ball, Com-
pression, Mississippi, etc), Dayton, O.
Cadman A. W. Mfg. Co. ("Indestructible"
High Pressure, etc.), 2816 Smallman,
Pittsburgh, Pa.
Capitol Brass Works (Compression), De-
troit, Mich.
Chaplin-Fulton Mfg. Co. ("Bingham's"
Self-Grinding), 34 Penn av, Pitts-
burgh, Pa.
Crane Co. (Est. 1855), 836 S Michigan av,
Chicago, Ill.

For branch offices see adv index at end of book
Crosby Steam Gauge & Valve Co., 40 Cen-
tral, Boston, Mass.
Detroit Brass Works, Detroit, Mich.
Edna Brass Mfg. Co. (Steam, with Union),
Cincinnati, O.
Everhart Brass Works (Improved Ball),
Scranton, Pa.
Fewlass-Leen Brass & Iron Co., Cincin-
nati, O.
Fries & Co., 91 Main, Buffalo, N. Y.
Hall Mfg. Co., Harrison, N. J.
Hamlin & Emery Brass Co., 49 Island,
Boston, Mass.
Haydenville Co., Haydenville, Mass.
Hills, McCanna Co. (High Pressure), 153
W Kinzie, Chicago, Ill.
Huyette Paul B. Co. ("P. B. H." Quick
Opening, Self-Closing, Weighted), 5 S
15th, Phila., Pa.
Jarecki Mfg. Co. ("Pet"), Erie, Pa.
Jenkins Bros., 82 White, New York
JERGUSON GAGE & VALVE CO. (Stand-
ard & to Specification), 88 Broad,
Boston, Mass.
Kelly & Jones Co., 135 Water, Pittsburgh,
Pa.

Kinsey & Mahler Co., Peoria, Ill.
Lonergan J. E. Co. (Locomotive, Compres-
sion, Weighted, etc), 211 Race, Phila.,
Pa.
LUNKENHEIMER CO. ("Excelstor"),
Executive Offices & Factories: Beek-
man & Waverly, Cincinnati, O.
See adv index at end of book
McNab & Harlin Mfg. Co. (Steam), 55
John, New York

McRAE & ROBERTS CO. ("Victor,"
"Acme," "Little Giant" & "Missis-
sippi" Gauge Ball), 227 Campbell av,
Detroit, Mich. *See adv index at end of book*
Marion Machine, Foundry & Supply Co.
("Alexander"), Marion, Ind.
Marsh Jas. P. & Co., 118 S Clinton, Chi-
cago, Ill.
Michigan Lubricator Co. ("Michigan"
Compression Chain Lever, etc), De-
troit, Mich.

NASON MFG. CO. ("Aetna" Double Ball
Seat), 71 Fulton, New York
See adv index at end of book
Nathan Mfg. Co. ("Tee's," etc., for Loco-
motives), 416 E. 106th, New York
National Brass Mfg. Co., Rochester, N. Y.
National Tube Co. ("NATIONAL" Spring
Plug), Frick bldg, Pittsburgh, Pa.

See adv index at end of book
Nolte Brass Co., Springfield, O.
Northern Tool Co. (Safety), Utica, N. Y.
O'Malley-Beare Valve Co. ("Multiplate"),
Railway Exchange bldg, Chicago, Ill.
Ohio Brass Co. ("Ohio" Brass), Mans-
field, O.

Ohio Injector Co., Wadsworth, O.
Patterson-Allen Engineering Co. ("Ever-
lasting"), 2 Rector, New York
Peck Bros. & Co., New Haven, Conn.
Perkes Chas. (Est. of), 627 Arch, Phila.,
Pa.

Pittsburgh Gage & Supply Co. ("Pitts-
burgh" Rotating & "Gaco" take
down), 30th & Liberty av, Pittsburgh,
Pa.

Powell Wm. Co. (Ball, Compression, Re-
grinding & "Bingham" Self-Grinding
Rotating, "Mississippi"), Cincinnati, O.
Pratt & Cady Co. ("P. & C."), Hartford,
Conn.

Queen City Brass & Iron Works, Cincin-
nati, O.

Reliance Gauge Column Co. ("Reliance"
Lever Chain), Cleveland, O.

Rich Mfg. Co. ("Hoyt" Self-Closing), 370
Atlantic av, Boston, Mass.

Roberts Brass Mfg. Co., Detroit, Mich.
Rundle-Spence Mfg. Co., 63 2nd, Milwau-
kee, Wis.

"S.-C." REGULATOR MFG. CO. ("S.-C."),
Valveless, Fostoria, O.
See adv index at end of book

Sherwood Mfg. Co. ("Felthousen," "Buf-
falo," also Compression), 1709 Elm-
wood, Buffalo, N. Y.

Standard Brass Works, 97 Wight, Detroit,
Mich.

Star Brass Mfg. Co. ("Hoytt"), 108 E Ded-
ham, Boston, Mass.

Sterling & Skinner Mfg. Co., 2672 E Grand
blvd, Detroit, Mich.

Swift Lubricator Co., Elmira, N. Y.

United States Gauge Co. (Steam Gauge &
Syphon), 67 Wall, New York

Walworth Mfg. Co., Boston, Mass.

Williams Gauge Co. ("Williams" Rotating
& Regrinding & "Ball Type"), 543 4th
av, Pittsburgh, Pa.

Withonco Mfg. Co., 24 Porter, Boston,
Mass.

Wright Mfg. Co., 97 Woodbridge W, De-
troit, Mich.

2821—Cocks (Hard Rubber)

American Hard Rubber Co. (For Chemical
& Dye Works), 9 Mercer, New York

Cocks (Hopper)

See Valves, Hopper

2822—Cocks (Hose)

American Brass & Copper Co., 138 La-
fayette, New York
Buckeye Iron & Brass Works, Dayton, O.
Detroit Brass Works, Brooklyn & Belt
Line, Detroit, Mich.
Flannery P. J. Co. (Brass Hose Bibbs, for
Iron Pipe), New Britain, Conn.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co., Erie, Pa.
Knox Mfg. Co., 821 Cherry, Phila., Pa.
McNab & Harlin Mfg. Co., 55 John, New
York

McRAE & ROBERTS CO., 227 Campbell
av, Detroit, Mich.
See adv index at end of book

Standard Brass & Iron Works (For Brew-
ers, etc), 1820 St. Paul av, Milwau-
kee, Wis.

2823—Cocks (Hydrant)

American Foundry & Mfg. Co. (Compres-
sion & Ground Key), 11th & Herbert,
St. Louis, Mo.

Detroit Brass Works (Ground Key), De-
troit, Mich.

Fries & Co., 91 Main, Buffalo, N. Y.

Glauber Brass Mfg. Co., 49th & Superior
av, N E, Cleveland, O.

Kinsey & Mahler Co., Peoria, Ill.

McNab & Harlin Mfg. Co., 55 John, New
York

McShane Bell Foundry Co. (Compression),
Harford av & B. & O. R. R., Balti-
more, Md.

National Tube Co., Frick bldg, Pittsburgh,
Pa. *See adv index at end of book*

2824—Cocks (Indicator)

American Lubricator Co. (Three-Way for
Engine Cylinders), Summit & Wabash
Ry, Detroit, Mich.

American Steam Gauge & Valve Mfg. Co.,
208 Camden, Boston, Mass.

Hays Mfg. Co., Erie, Pa.

Jarecki Mfg. Co., Erie, Pa.

Lonergan J. E. Co. (Three-Way), 211
Race, Phila., Pa.

LUNKENHEIMER CO., Executive Offices
& Factories: Beekman & Waverly,
Cincinnati, O. *See adv index at end of book*

McNab & Harlin Mfg. Co., 55 John, New
York

McRae & Roberts Co., 227 Campbell av,
Detroit, Mich.

See adv index at end of book

Michigan Lubricator Co. ("Michigan"
Three-Way), Detroit, Mich.

Powell Wm. Co. (Dialed, for Throttler
Gas & Gasoline Engines), Cincin-
nati, O.

Sherwood Mfg. Co. (Three-Way), 1709
Elmwood, Buffalo, N. Y.

Star Brass Mfg. Co. ("Star" Three-Way),
108 E Dedham, Boston, Mass.

Trill Indicator Co. (Straight & Three-
Way), Corry, Pa.

2825—Cocks (Inverted Key)

American Fdry. & Mfg. Co., 11th & Her-
bert, St. Louis, Mo.

Central Brass Mfg. Co., 6206 Cedar, Cleve-
land, O.

Fries & Co., 91 Main, Buffalo, N. Y.

Glauber Brass Mfg. Co., 49th & Superior
av, N E, Cleveland, O.

Hays Mfg. Co., Erie, Pa.

Monarch Brass Co., Cleveland, O.

2826—Cocks (Lead Lined Iron)

Lead Lined Iron Pipe Co., Wakefield,
Mass.

2827—Cocks (Liquor)

Best W. N. (Oil Cocks), 11 B'way, New
York

Buckeye Iron & Brass Works, Dayton, O.

Hall Mfg. Co., Harrison, N. J.

LUNKENHEIMER CO., Executive Offices
& Factories: Beekman & Waverly,
Cincinnati, O. *See adv index at end of book*

McRae & Roberts Co. (Oil Cocks), 227
Campbell av, Detroit, Mich.

See adv index at end of book

2828—Cocks (Locking)

American Fdry. & Mfg. Co., 11th & Her-
bert, St. Louis, Mo.

Haydenville Co. (Compression), Hayden-
ville, Mass.

Hayes Mfg. Co., Erie, Pa.

Homestead Valve Mfg. Co. ("Home-
stead"), Pittsburgh, Pa.

Jarecki Mfg. Co., Erie, Pa.

Landers, Frary & Clark, New Britain,
Conn.

Wilton Mfg. Co. ("Wilton"), Wrightsville,
Pa.

Cocks (Locomotive Cylinder)

See Cocks, Cylinder

2829—Cocks (Milk Can)

Hall Mfg. Co., Harrison, N. J.

Haydenville Co., Haydenville, Mass.

Landers, Frary & Clark, New Britain,
Conn.

National Brass Mfg. Co., Rochester, N. Y.

2829a—*Cocks ("National")

NATIONAL TUBE CO. (Spring Plug),
Frick bldg, Pittsburgh, Pa.

See adv index at end of book

2830—Cocks (Natural Gas)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Buckeye Iron & Brass Works, Dayton, O.
 Campbell J. B. Brass Works, Erie, Pa.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
 Hays Mfg. Co., Erie, Pa.
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*

2831—Cocks (Newport Pattern)

Campbell J. B. Brass Works, Erie, Pa.
 Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 McNab & Harlin Mfg. Co., 55 John, New York
 Mueller H. Mfg. Co., Decatur, Ill.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Walworth Mfg. Co., Boston, Mass.

Cocks (Oil)

See Cocks, Liquor

2832—Cocks (Oil Wagon)

Haydenville Co., Haydenville, Mass.
 National Brass Mfg. Co., Rochester, N. Y.
 Powell Wm. Co., 2525 Spring Grove av, Cincinnati, O.
 Wilton Mfg. Co., Wrightsville, Pa.

2833—Cocks (Plug)

Best W. N., 11 B'way, New York
 Eastwood Wire Mfg. Co. (Bronze), Belleville, N. J.
 Hays Mfg. Co., Erie, Pa.
 Judson Governor Co. (Asbestos Packed, Iron, Brass or Aluminum), Rochester, N. Y.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO. (Packed), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McNab & Harlin Mfg. Co., 55 John, New York
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
 Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.
 Pratt & Cady Co. ("P & C," Asbestos Packed), Hartford, Conn.
 Watson, Frye & Co. (Acid Proof), Bath, Me.

Cocks (Priming)

See Cups, Priming

2834—Cocks (Refrigerator)

Haydenville Co., Haydenville, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 National Brass Mfg. Co., Rochester, N. Y.
 Peck Bros. & Co., New Haven, Conn.

2835—Cocks (Relief)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
 Powell Wm. Co., Cincinnati, O.
 Pratt & Cady Co. ("P & C," Asbestos Packed), Hartford, Conn.
 Roberts Brass Mfg. Co., Detroit, Mich.

2836—Cocks (Rock Drill Air)

Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2837—Cocks (Ship)

Bishop's Wm. Sons, 18 James, New York
 Sands Alfred B. & Son Co., 20 Vesey, New York

2838—Cocks (Soda Fountain)

Hall Mfg. Co., Harrison, N. J.
 Haydenville Co., Haydenville, Mass.
 Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

2839—*Cocks (Spring Key)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2840—Cocks (Steam)

Belfield H. Co., 435 N Broad, Phila., Pa.
 Bordo L. J. Co., 12th & Thompson, Phila., Pa.
 Buckeye Iron & Brass Works (and Steam Gauge), 326 E 3rd, Dayton, O.
 Campbell J. B. Brass Works, Erie, Pa.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book
 Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

Detroit Brass Works (Also Service), Brooklyn & Belt Line, Detroit, Mich.
 Eastwood Wire Mfg. Co., Belleville, N. J.
 Everhart Brass Works, 422-424 Penn av, Scranton, Pa.

Fewlass-Leen Brass & Iron Co., Cincinnati, O.
 Flannery P. J. Co. (Brass), New Britain, Conn.

Fries & Co. ("Buffalo"), 91 Main, Buffalo, N. Y.

General Fire Extinguisher Co. (Brass), 275 W Exchange, Providence, R. I.
 Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.

Hamlin & Emery Brass Co., 49 Island, Boston, Mass.

Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.

Healey Peter, Evansville, Ind.

Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.

Homestead Valve Mfg. Co., Pittsburgh, Pa.

Jarecki Mfg. Co., Erie, Pa.

Kinsey & Mahler Co. ("K. & M. Co.," Brass), Peoria, Ill.

Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.

Loneragan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McCambridge Co., 20th & Wood, Phila., Pa.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

McNab & Harlin Mfg. Co. (Brass & Iron), 55 John, New York

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book
 Michigan Lubricator Co., Detroit, Mich.

NASON MFG. CO., 71 Fulton, New York

See adv index at end of book
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.

Nolte Brass Co., Springfield, O.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Peck Bros. & Co., New Haven, Conn.

Perkes Charles (Est. of), 627 Arch, Phila., Pa.

Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.

Powell Wm. Co. ("Powell Patent Guard," Plain, Three-Way, Light & Heavy Patterns), 2525 Spring Grove av, Cincinnati, O.

Pratt & Cady Co. ("P. & C.," Asbestos Packed), Hartford, Conn.

Queen City Brass & Iron Works, Spring Grove & Garrard Camp Wash, Cincinnati, O.

Roberts Brass Mfg. Co., Detroit, Mich.

Simmons John Co., 110 Centre, New York

Standard Brass Works, 97 Wight, Detroit, Mich.

Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.

2841—Cocks (Stop & Waste)

Allyne Brass Foundry Co., 207 Crawford, Detroit, Mich.

American Brass Mfg. Co., 1521 E 49th, Cleveland, O.

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.

Asbell S. J. Co., Paterson, N. J.

Bashlin Co. (Compression & Self-Closing Hop Cocks Only), Warren, Pa.

Belknap Mfg. Co. (Draw-off), Bridgeport, Conn.

Boston Steam Specialty Co., 332 A, Boston, Mass.

Buckeye Iron & Brass Works, Dayton, O.

Campbell J. B. Brass Works (Compression), Erie, Pa.

Central Brass Mfg. Co., 6206 Cedar av, S E, Cleveland, O.

Cleveland Brass Mfg. Co. ("Clebra" Anti-Freezing), 4606 Hamilton, Cleveland, O.

Columbia Brass Co., 90 Park pl, Detroit, Mich.

Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book
 D. C. Mfg. Co. ("Canton" Compression), Canton, O.

Detroit Brass Works, Brooklyn & Belt Line, Detroit, Mich.

Edwardsville Brass Co., Edwardsville, Ill.

Empire Brass Mfg. Co., 8410 Lake av, N W, Cleveland, O.

Exeter Brass Works, Exeter, N. H.

Farnan Brass Works Co., 1104 Center, N W, Cleveland, O.

Flannery P. J. Co. ("P. J. F."), New Britain, Conn.

Fries & Co. ("Buffalo," "Bison"), 91 Main, Buffalo, N. Y.

Glauber Brass Mfg. Co., 4917 Superior av, Cleveland, O.

Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.

Hamilton Jno. Brass Works, Bridgeport, Conn.

Hamlin & Emery Brass Co. ("Newport" & "Fitchburg"), 49 Island, Boston, Mass.

Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.

Healey Peter, Evansville, Ind.

Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.

Hoffmann-Billings Mfg. Co., 100 2nd, Milwaukee, Wis.

Homer Brass Works, 231 Race, Phila., Pa.

Jarecki Mfg. Co., Erie, Pa.

Jost's Edmund Sons, 48 Dickerson, Newark, N. J.

Kelly Thos. & Bros. ("Kelly"), 404 S Kolmar av, Chicago, Ill.

Kelly & Jones Co. ("Universal"), 135 Water, Pittsburgh, Pa.

Kinsey & Mahler Co., Peoria, Ill.

Kitson Co. ("Kitson" Compression, etc.), 2819 Oakford, Phila., Pa.

Knox Mfg. Co. (Pneumatic Hose Stop Cocks), 821 Cherry, Phila., Pa.

Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.

Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.

Landers, Frary & Clark ("Simplex"), New Britain, Conn.

Lead Lined Iron Pipe Co. (Lead Lined Iron), Wakefield, Mass.

LUNKENHEIMER CO. (Stop Only), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book
 McDonald A. Y. Mfg. Co., Dubuque, Ia.

McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*

McNab & Harlin Mfg. Co., 55 John, New York

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book
 McShane Bell Foundry Co. (Compression), Harford av & B. & O. R. R., Baltimore, Md.

Meyer-Sniffen Co., 11 W 36th, New York

Milwaukee Brass Mfg. Co. (Fuller & Compression), 251 Lapham, Milwaukee, Wis.

Mott J. L. Iron Works, Trenton, N. J.

Mueller H. Mfg. Co., Decatur, Ill.

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Nelson N. O. Mfg. Co. (Compression), 10th & Chestnut, St. Louis, Mo.

Nichol Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.

Nolte Brass Co., Springfield, O.

Ohio Pump & Brass Co., Columbus, O.

Paragon Brass Mfg. Co., 1221 Superior, Cleveland, O.

Park & McKay, 55 Bagley av, Detroit, Mich.

When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL RECISTER

Peck Bros. & Co., New Haven, Conn.
 Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
 Pioneer Brass Works, Indianapolis, Ind.
 Powell Wm. Co., Cincinnati, O.
 Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.
 Richter & Co., 210 E 9th, Cincinnati, O.
 Rockford Brass Works, Rockford, Ill.
 Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
 Ryan J. J. & Co., 104 S Jefferson, Chicago, Ill.
 Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
 United Brass Mfg. Co., 3844 Hamilton av, Cleveland, O.
 Utica Valve & Fixture Co., Utica, N. Y.
 Walworth Mfg. Co., Boston, Mass.
 Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
 Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
 Western Brass Mfg. Works, Marshall blvd & W. 21st, Chicago, Ill.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
 Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

2842—Cocks (Three-Way)

Buckeye Iron & Brass Works (Brass), Dayton, O.
 Hays Mfg. Co., Erie, Pa.
 Homestead Valve Mfg. Co., Pittsburgh, Pa.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 Michigan Lubricator Co., Detroit, Mich.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Pratt & Cady Co. ("P. & C." Asbestos Packed), Hartford, Conn.
 Standard Brass & Iron Works (Male or Female Connections), 1820 St. Paul av, Milwaukee, Wis.
 Star Brass Mfg. Co. ("Star" For Indicator Use), 108 E Dedham, Boston, Mass.
 Thompson Richard & Co., 126 Liberty, New York
 Trill Indicator Co. (Indicator), Corry, Pa.

2843—Cocks (Throttle)

Homestead Valve Mfg. Co., Pittsburgh, Pa.
LUNKENHEIMER CO. (Oil-Air), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

2844—Cocks (Traction Engine)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich. *See adv index at end of book*

2845—Cocks (Tuyere)

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Pittsburgh Pipin & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
 Pittsburgh Valve Foundry & Construction Co. ("Atwood" Brass Cast), 26th & A. V. Ry., Pittsburgh, Pa.

2846—Cocks (Worm & Gear)

Pratt & Cady Co. ("P. & C."), Hartford, Conn.

2847—Cocks & Bibbs (Compression)

American Foundry & Mfg. Co., 11th & Hebert, St. Louis, Mo.
 Bashlin Co., Warren, Pa.
 Burlington Brass Works, Burlington, Wis.
 Campbell J. B. Brass Works, Erie, Pa.
 Central Brass Mfg. Co. ("Quick Pression" Faucets), 6206 Cedar av, S E, Cleveland, O.

Clark Novelty Co., Rochester, N. Y.
 Cleveland Brass Mfg. Co. ("Clebra"), 4606 Hamilton, Cleveland, O.
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Columbia Brass Co., 90 Park pl, Detroit, Mich.
 Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.
 Dearborn Brass Co., Cedar Rapids, Ia.
 Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
 DuBois Fred'k N & Co., 247 9th av, New York
 Edwardsville Brass Co., Edwardsville, Ill.
 Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
 Elgin Brass Co., 92 John, New York
 Empire Brass Mfg. Co. (Regular & Quick Compression), 8410 Lake av, N W, Cleveland, O.
 Enterprise Hdware Mfg. Co., Frederick, Pa.
 Exeter Brass Works, Exeter, N. H.
 Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.
 Fries & Co. ("Buffalo"), 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Hamilton Jno. Brass Works, Bridgeport, Conn.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co. (Quick Opening, Basin & Bath Cocks, Also Bibbs), Erie, Pa.
 Healey Peter, Evansville, Ind.
 Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 Homer Brass Works, 231 Race, Phila., Pa.
 Humphries Mfg. Co., Mansfield, O.
 Kelly & Jones Co., 135 Water, Pittsb., Pa.
 Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
 Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McCambridge Co., 20th & Wood, Phila., Pa.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McMann & Taylor Co., 104 John, New York
See adv index at end of book
 McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
 McShane Bell Foundry Co. ("McShane" Red Metal), Harford av & B. & O. R R., Baltimore, Md.
 Meyer-Sniffen Co., 11 W 36th, New York
 Milwaukee Brass Mfg. Co., 251 Lapham Milwaukee, Wis.
 Mueller H. Mfg. Co., Decatur, Ill.
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Nolte Brass Co., Springfield, O.
 Nopack Brass Mfg. Co. ("Nopack"), DuBois, Pa.
 Paragon Brass Mfg. Co., 1221 Superior Cleveland, O.
 Peck Bros. & Co., New Haven, Conn.
 Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
 Prier Brass Mfg. Co., Kansas City, Mo.
 Regar Co. ("Regar"), 1523 E 45th, Cleveland, O.
 Roberts Brass Mfg. Co., Detroit, Mich.
 Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
 Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
 Savill's Thomas Sons, 1310 Wallace, Phila., Pa.
 Sherman H. B. Mfg. Co., Battle Creek, Mich.
 Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Stebbins E. Mfg. Co. ("Esco"), Springfield, Mass.
 Sterling Brass Co., 4610 St. Clair av, Cleveland, O.
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

Trenton Brass & Machine Co., Trenton, N. J.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
 Walworth Mfg. Co., Boston, Mass.
 Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
 Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2848—Cocks & Bibbs (Fuller Work)

Burlington Brass Works, Burlington, Wis.
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Columbia Brass Co., 90 Park pl, Detroit, Mich.
 Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
 Dearborn Brass Co., Cedar Rapids, Ia.
 Edwardsville Brass Co., Edwardsville, Ill.
 Exeter Brass Works, Exeter, N. H.
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.
 Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Haydenville Co., Haydenville, Mass.
 Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 Humphries Mfg. Co., Mansfield, O.
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

See adv index at end of book

Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
 Landers, Frary & Clark, New Britain, Conn.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 Meyer-Sniffen Co., 11 W 36th, New York
 Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
 Milwaukee Valve Co., 1391 Burrell, Milwaukee, Wis.
 Mueller H. Mfg. Co., Decatur, Ill.
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Paragon Brass Mfg. Co., 1221 Superior, Cleveland, O.
 Peck Bros. & Co., New Haven, Conn.
 Regar Co. ("Regar"), 1523 E 45th, Cleveland, O.
 Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
 Ryan J. J. & Co. ("Faultless"), 100 S Jefferson, Chicago, Ill.
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
 Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

2849—Cocks & Bibbs (Ground Key)

Allyne Brass Foundry Co., 207 Crawford, Detroit, Mich.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Asbell S. J. Co., Paterson, N. J.
 Buckeye Iron & Brass Works, Dayton, O.
 Campbell J. B. Brass Works, Erie, Pa.
 Cleveland Brass Mfg. Co. (Cocks Only, "Clebra"), 4606 Hamilton, Cleveland, Ohio
 Columbia Brass Co., 90 Park pl, Detroit, Mich.
 Exeter Brass Works, Exeter, N. H.
 Farnan Brass Works Co., 1105 Center, N W, Cleveland, O.
 Federal-Huber Co., 234 N Halstead, Chicago, Ill.
 Fisher E. W. Co., 811 Superior av, N E, Cleveland, O.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior av, Cleveland, O.
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Hall Mfg. Co., Harrison, N. J.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 Healey Peter, Evansville, Ind.
 Hoffmann-Billings Mfg. Co., 100 2d, Milwaukee, Wis.

Homer Brass Works, 231 Race, Phila., Pa.
 Humphreys Mfg. Co., Mansfield, O.
 Jost's Edmund Sons, 48 Dickerson, Newark, N. J.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 Keystone Brass Co., Erie, Pa.
 Kinsey & Mahler Co., Peoria, Ill.
 Kitson Co. ("Kitson"), 2819 Oakford, Phila., Pa.
 Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
 Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av., Detroit, Mich.
See adv index at end of book
 Meyer-Sniffen Co., 11 W 36th, New York
 Mott J. L. Iron Works, Trenton, N. J.
 Mueller H. Mfg. Co., Decatur, Ill.
 National Brass Mfg. Co. ("National"), Rochester, N. Y.
 Nichol Thomas J. & Co., Pearl & Ludlow, Cincinnati, O.
 Ohio Pump & Brass Co., Columbus, O.
 Peck Bros. & Co., New Haven, Conn.
 Powell Wm. Co., Cincinnati, O.
 Queen City Brass & Iron Works, Spring Grove & Garrard Camp Wash., Cincinnati, O.
 Regar Co. ("Regar"), 1523 E 45th, Cleveland, O.
 Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
 Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
 Standard Sanitary Mfg. Co., Bessemer bldg., Pittsburgh, Pa.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Walworth Mfg. Co., Boston, Mass.
 Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
 Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
2850—Cocks & Bibbs (Self-Closing)
 American Automatic Machine Co., 22 Lovering, Boston, Mass.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Barnstead Still & Sterilizer Co. (Automatic), Forest Hills, Boston, Mass.
See adv index at end of book
 Bashlin Co., Warren, Pa.
 Chicago Faucet Co. ("Chi-Fau-Co." Quick Compression), 2712 N Crawford av., Chicago, Ill.
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.
 Dayton Mfg. Co., Dayton, O.
 Dearborn Brass Co., Cedar Rapids, Ia.
 DuBois Fred'k N & Co., 247 9th av., New York
 Empire Brass Mfg. Co., 8410 Lake av., N W, Cleveland, O.
 Exeter Brass Works, Exeter, N. H.
 Federal-Huber Co. ("Watrous," "Perry," "Cornell"), 234 N Halsted, Chicago, Ill.
 Gilmour J. Morrison, 8 W 40th, New York
 Glauber Brass Mfg. Co., 49th & Superior av., Cleveland, O.
 Haines, Jones & Cadbury Co., 1136 Ridge av., Phila., Pa.
 Hoffman-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 Kelly Thos. & Bros., 404 S. Kolmar av., Chicago, Ill.
 Lamp & Miller Mfg. Co., 382 4th, Milwaukee, Wis.
 Loeffelholz Co., 170 Clinton, Milwaukee, Wis.
 McCambridge Co., 20th & Wood, Phila., Pa.
 McShane Bell Foundry Co., Harford av. & B. & O. R. R., Baltimore, Md.
 Meyer-Sniffen Co., 11 W 36th, New York
 Michigan Lubricator Co., Detroit, Mich.
 Milwaukee Brass Mfg. Co. ("Engel," "Peerless," "Telegraph"), 251 Lapham, Milwaukee, Wis.
 Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.
 Mueller H. Mfg. Co., Decatur, Ill.
 Paragon Brass Mfg. Co. ("Doherty" & "Paragon"), 1221 Superior, Cleveland, Ohio

Peck Bros. & Co. ("Moore's" "Dougherty," "Boston"), New Haven, Conn.
 Perkes Chas. (Est. of), 627 Arch, Phila., Pa.
 Prier Brass Mfg. Co., Kansas City, Mo.
 Rundle-Spence Mfg. Co. ("Telegraph"), 63 2nd, Milwaukee, Wis.
 Ryan J. J. & Co., 100 S Jefferson, Chicago, Ill.
 Saville's Thos. Sons, 1310 Wallace, Phila., Pa.
 Scoville E. U. Co., Manlius, N. Y.
 Standard Sanitary Mfg. Co., Bessemer bldg., Pittsburgh, Pa.
 Stebbins E. Mfg. Co. ("Broughton"), Springfield, Mass.
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
 Walsh Richard, 61 Wayne, Detroit, Mich.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.
 Young E. R. & Sons, Titusville, Pa.

2850a— Coffins, Caskets, Etc.

See also Burial Cases & Vaults

Albany Casket Co., Albany, N. Y.
 American Casket Co., 519 Broome, New York
 Andrews Isaac W. & Sons, South Woodstock, Me.
 Arkansas Coffin Co., South Fort Smith, Ark.
 Asbestos Burial Casket Co., Lowville, N. Y.
 Ashton Casket Co., Easton, Pa.
 Astoria Casket Co., 16 Chestnut, Long Island City, N. Y.
 Atlanta Casket Co., Atlanta, Ga.
 Atlantic Coffin & Casket Co., Rosehill, N. C.
 Aurora Coffin Co., Aurora, Ind.
 Baker-Brown Casket Co., Rochester, N. Y.
 Bangor Casket Mfg. Co. (Hardwood & Overboxes), Bangor, Pa.
 Batesville Casket Co. (Cloth & Hardwood), Batesville, Ind.
 Belmont Casket Mfg. Co., Columbus, O.
 Boston Burial Case Co., Somerville, Mass.
 Boyertown Burial Casket Co. (Wood, Metal Finish & Covered), Boyertown, Pa.
 Bristol Coffin & Casket Co., Bristol, Va.
 Bristol Mfg. Co., Bristol, Vt.
 Broussard Casket & Mfg. Co., New Iberia, La.
 Brunswick Furniture Co., Brunswick, Md.
 Buckingham N. & Co., Bridgeport, Conn.
 Buckstaff Co., Oshkosh, Wis.
 Burlington Coffin Co., Burlington, N. C.
 Cadillac Casket Co., 214 Cherry, W Detroit, Mich.
 California Casket Co., 959 Mission, San Francisco, Cal.
 Cambridge City Casket Co. (Cloth Covered), Cambridge City, Ind.
 Casket Interment Box Co., 4854 N Clark, Chicago, Ill.
 Central Casket Co., Buffalo, N. Y.
 Charlotte Casket Co., Charlotte, N. C.
 Chase Furniture & Coffin Co., Dallas, Tex.
 Chattanooga Coffin & Casket Co., (Varnished Coffins & Varnished Cloth Covered Caskets), Chattanooga, Tenn.
 Chicago Casket Co. (Metallic, Oak, Mahogany & Cloth Covered), 1106 S Canal, Chicago, Ill.
 Cincinnati Coffin Co. (Wood, Metal & Cloth Covered Caskets), Richmond & Carr, Cincinnati, O.
 Clark Mfg. Co., Providence, R. I.
 Clarksburg Casket Co., Clarksburg, W. Va.
 Cleveland Burial Case Co., 2274 St. Clair av., N E, Cleveland, O.
 Cleveland Coffin & Casket Co. (Wood), Cleveland, Tenn.
 Columbus Casket Mfg. Co., Columbus, Ga.
 Columbus Coffin Co. (Hard Wood & Cloth Covered Caskets), Columbus, O.
 Constantine Casket Co., Constantine, Mich.
 Coopersburg Casket Co., Coopersburg, Pa.
 Crane & Breed Mfg. Co. (Wood, Cloth & Metallic), 1227 W 8th, Cincinnati, O.
 Crawfordville Casket Co., Crawfordville, Ind.
 Cream City Casket Co., 490 32d, Milwaukee, Wis.
 Curtis Jas. C. & Co., 1222 W Van Buren, Chicago, Ill.
 Dallas Coffin Co., Dallas, Texas
 Dayton Casket Co., Dayton, O.
 Decatur Coffin Co., Decatur, Ill.
 Des Moines Casket Co. (Cloth Covered, Oak & Mahogany), Des Moines, Ia.

Detroit Casket Co., 185 Congress W, Detroit, Mich.
 Drake-Merritt Casket Co., Constantine, Mich.
 Dubuque Casket Co., Dubuque, Ia.
 Eastern Casket Co., 421 W Camden, Baltimore, Md.
 Elmira Casket Co., Elmira, N. Y.
 Embalming Burial Case Co., Burlington, Ia.
 Erie Burial Case Co., Erie, Pa.
 Evansville Coffin Co., Evansville, Ind.
 Fergus Casket Works, Fergus Falls, Minn.
 Flood Edward F. & Co., 24 Essex, Newark, N. J.
 Florence Furniture Co., Florence, Mass.
 Franklin Coffin Works, 1326 Sycamore, Cincinnati, O.
 Freedom Casket Co., Freedom, Pa.
 Gainesville Planing & Coffin Co., Gainesville, Fla.
 Gate City Coffin Co., Atlanta, Ga.
 Globe Casket Mfg. Co., Kalamazoo, Mich.
 Grade Casket Co. (Cloth & Plush Covered), 734 E 17th, Los Angeles, Cal.
 Grand Rapids Casket Co., Grand Rapids, Mich.
 Griffin T. M., Lenderman, S. C.
 Hall & Donahue Coffin Co., Knoxville, Tenn.
 Harrisburg Burial Case Co. (Caskets), Harrisburg, Pa.
 Hartford Burial Case Co., Hartford, Conn.
 Hastings Casket Mfg. Co., Hastings, Minn.
 Hay & Peabody Casket Co. (Cloth Covered), Woodford's Station, Portland, Me.
 Hazleton Mfg. Co. (Oak, Mahogany & Cedar Caskets), Hazleton, Pa.
 Hearne Bros. & Co., Whitakers, N. C.
 Hill F. H. Co. (Cloth Covered Caskets), 944 Washington blvd, Chicago, Ill.
 Hincks Jos. L. S., Oldtown, Me.
 Hornthal & Co. (Oak, Mahogany, Chestnut & Cloth Covered Caskets), 1339 S Wabash av., Chicago, Ill.
 Huntsville Coffin Co., Huntsville, Ark.
 Hutton J. M. & Co., Richmond, Ind.
 Illinois Casket Co. (Cloth Covered), 2330 W Van Buren, Chicago, Ill.
 Indianapolis Casket Co., 521 W North, Indianapolis, Ind.
 Inland Casket Co., Spokane, Wash.
 Iowa Coffin Co. (Polished Hardwood & Cloth Covered Caskets), Dubuque, Ia.
 Jackson Casket & Mfg. Co., Jackson, Miss.
 Janton A. & J., 1410 N 11th, Phila., Pa.
 Junction City Mfg. Co., Junction City, Ga.
 Knoxville Coffin Co., Knoxville, Tenn.
 Kregel Casket Co., 18th & Cass av., St. Louis, Mo.
 Leesville Coffin & Casket Co. (Pine & Poplar Coffins & Cloth Covered), Leesville, S. C.
 Lena Casket & Supply Co., Lena, Ill.
 Lincoln Casket Co. (Hardwood, Metallic & Cloth Covered), Lincoln, Ill.
 Lord & Caswell, Skowhegan, Me.
 Los Angeles Casket Co., 639 Banning, Los Angeles, Cal.
 Lowell Casket Mfg. Co., Lowell, Mass.
 Lunenburg Mfg. Co., Lunenburg, Vt.
 McNatt Coffin & Casket Co., Vidalia, Ga.
 Manger E. C. & Son Co. (Cloth Covered Caskets & Varnished Coffins), Green Bay, Wis.
 Marsellus John Casket Co., Syracuse, N. Y.
 Mather S. W., 3227 W 25th, Cleveland, O.
 Maulsby A. R., Everett, Wash.
 Maxton Casket Co., Maxton, N. C.
 Memphis Coffin Co., Memphis, Tenn.
 Meredith Casket Co., Meredith, N. H.
 Michigan Casket Co., 245 Rivard, Detroit, Mich.
 Miller T. M. Co., Scranton, Pa.
 Milwaukee Casket Co., 54 15th, Milwaukee, Wis.
 Minnesota Koll Casket Co., 722 Central av., Minneapolis, Minn.
 Moen Casket & Furniture Co., Peterson, Minn.
 Monroe Mfg. Co., Webster, N. Y.
 Morgan Casket Co. (Bronze, Steel, Hardwood & Cloth Covered), 572 Park av., Brooklyn, N. Y.
 Morris Mfg. Co., 10 Cross, Newark, N. J.
 Mound Coffin Co., Main & Chambers, St. Louis, Mo.
 Muncie Casket Co., Muncie, Ind.
 Muskingum Coffin Co. (Cloth, Plush Covered & Finished Wood Caskets), Zanesville, O.
 National Casket Co., 7th & Duquesne wy., Pittsburgh, Pa.
 National Vault Casket Co. (Cement Reinforced), 2145 Bay, Los Angeles, Cal.

New Castle Casket Co., New Castle, Ind.
New York & Brooklyn Casket Co. (All Kinds), 703 Bedford av, Brooklyn, N. Y.

Northern Casket Co., Fon-du-lac, Wis.
Northwestern Casket Co. (Hardwood Finished, Metal & Cloth Covered), 661 17th av, N E, Minneapolis, Minn.
Nunda Casket Co., Nunda, N. Y.
Ohio Casket Co., Columbus, O.
Ohio Valley Coffin Co., Lawrenceburg, Ind.

Orleans Mfg. Co. (All Kinds), New Orleans, La.

Owen-Arnold Co., Allegan, Mich.
Owosso Casket Co. (Hardwood Finished & Cloth Covered), Owosso, Mich.
Pacific Casket Co. (Cloth Covered), 715 S Johnson, Los Angeles, Cal.
Pacific States Casket Co., 235 9th, San Francisco, Cal.

Paul Casket Co., Cambridge City, Ind.
Pennsylvania Burial Case Co. (Cloth Covered & Varnished Oak Caskets), Reynoldsville, Pa.

Peninsular Casket Co., 23 Galster av, Detroit, Mich.

Pennsylvania Casket Co. (Hardwood), 2056 N 6th, Phila., Pa.

Peoria Casket Co., Peoria, Ill.

Perrigo A. B., 3913 Cottage Grove av, Chicago, Ill.

Posy & Sons, Juniper, Ga.
Powers & Walker Casket Co., Grand Rapids, Mich.

Quincy Casket Co., Quincy, Ill.

Rankin Coffin & Casket Co. (Varnished, Cloth Covered), High Point, N. C.

Renshler John D., Findlay, O.

Richmond Casket Co., Richmond, Ind.

Richmond Woodworking Co. (Cloth Caskets), Richmond, Va.

Riddle F. C. & Bro. Casket Co. (Cloth Covered), 1400 Hogan, St. Louis, Mo.

St. Louis Coffin Co. (Cloth, Wood & Metal), 1821 Chouteau av, St. Louis, Mo.

San Francisco Casket Co., 621 Guerrero, San Francisco, Cal.

Sessions F. E. Co. (Cloth & Oak Caskets), Worcester, Mass.

Sims H. C., Richmond, Va.

Sioux City Casket Co. (Hardwood & Covered), Sioux City, Ia.

Southern Casket Co., Louisville, Ky.

Southern Coffin & Casket Co., Maryville, Tenn.

Spokane Casket Co., Spokane, Wash.

Springfield Coffin & Casket Co. (Cloth, Oak & Mahogany), Springfield, O.

Standard Coffin & Casket Mfg. Co. (Covered), 1029 W Chicago av, Chicago, Ill.

Stoll Casket Co., Upper Sandusky, O.

Stolts J. & J. W., 430 E 106th, New York

Sumter Coffin & Casket Mfg. Co., Sumter, S. C.

Sunbury Burial Case Co., Sunbury, Pa.

Sunbury Coffin & Casket Co., Sunbury, Pa.

Tennessee Coffin & Casket Co., Chattanooga, Tenn.

Terre Haute Casket Co., Terre Haute, Ind.

Texarkana Casket Co., Texarkana, Texas.

Thurston Bros., South Union, Me.

Traverse City Casket Co., Traverse City, Mich.

Tri-State Casket Co. (Cloth Covered), Kendallville, Ind.

Turner-White Coffin Co., Winston-Salem, N. C.

U. S. Casket Co. (Cloth Covered), Scottsdale, Pa.

Utah Casket Co., Salt Lake City, Utah.

Washington Casket Co. (Cloth Covered), Seattle, Wash.

Watt F. N. Co. (Hardwood & Cloth Covered Caskets), Richmond, Ind.

Weicht H. B., Angola, Ind.

Wellsville Burial Case Co., Wellsville, N. Y.

Western Casket Co. (Cloth Covered), Oakland, Cal.

Wichita Casket Co. (Cloth Covered), Wichita, Kans.

Willamette Casket Co., Tacoma, Wash.

Winona Casket Co. (Cloth Covered), Winona, Minn.

Wolverine Burial Case Co., 245 Larned E, Detroit, Mich.

Woodland Mfg. Co., George, N. C.

Zebulon Coffin & Casket Co., Zebulon, N. C.

2850b— *Cogging (Wood)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

2851-2—Cogs (Mill, Wood)

Bowsher N. P. Co., South Bend, Ind.
Great Western Mfg. Co., Leavenworth, Kans.

Menasha Wood Split Pulley Co., Menasha, Wis.

Nordyke & Marmon Co. (For Mortised Gears), 1290 Kentucky av, Indianapolis, Ind.

Noye Bros. Co., Buffalo, N. Y.

Thompson Mfg. Co. (For Mortise Gears), Lancaster, N. H.

Woolbert Chas. W., Elmer, N. J.

2853— *Coils (Ammonia)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book

2854—Coils (Armature & Field)

See also Armatures

Acme Wire Co., New Haven, Conn.

Advance Electric & Mfg. Co., Kansas City, Mo.

Arrow Mfg. Co., Toledo, O.

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

Bissell F. Co., 230 Huron, Toledo, O.

Capital Elec. Co., Springfield, Ill.

Cameron Elec'l Mfg. Co., Ansonia, Conn.

Chattanooga Armature Works (Frank Steffner, Propt.), Chattanooga, Tenn.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Cleveland Coil & Mfg. Co., 1011 Power av, Cleveland, O.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

Columbus Electrical Works Co., 199 No Front, Columbus, O.

Commutator Co., 121 N 1st, Minneapolis, Minn.

Dittrick & Jordan Elec. Co., 8700 Lorain av, Cleveland, O.

Doubleday-Hill Elec. Co., 719 Liberty av, Pittsburgh, Pa.

Downing-Smith Co., 430 S Green, Chicago, Ill.

Electric Operations Co., 254 36th, Brooklyn, N. Y.

Electromechanical Co., 530 N Calvert, Baltimore, Md.

Elliott Electric Co., 322 Champlain av, Cleveland, O.

Elliott-Thompson Electric Co., Ajax bldg, Cleveland, O.

Eureka Co., North East, Pa.

Findley Elec. Co., 216 S 5th, Minneapolis, Minn.

Gee Electric Co., Wheeling, W. Va.

Holden & White, Fisher bldg, Chicago, Ill.

Homer Commutator Co., 4748 Hough av, N E Cleveland, O.

Illinois Electrical Mfg. Co., Peoria, Ill.

Independent Lamp & Wire Co., 1733 B'way, New York

Kester Electric Co., Terre Haute, Ind.

Leacock A. M., 85 Columbia, Newark, N. J.

Littlefield H. A. & Co., West Lynn, Mass.

Major M. E. Elec. Co., Wilkes-Barre, Pa.

Morris Iron & Steel Co., Frederick, Md.

Oliver Electric & Machine Co., Birmingham, Ala.

Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.

Pearson John W. Co., 839 W Lake, Chicago, Ill.

Ridlon Frank Co., 261 Franklin, Boston, Mass.

ROEBLING'S JNO. A. SONS CO., Main Office, Trenton, N. J.
See adv index at end of book

Stewart S. J., 312 Carondelet, New Orleans, La.

Stimble & Ward Co., 518 Sandusky, Pittsburgh, Pa.

Stuart-Howland Co., 234 Congress, Boston, Mass.

Traction Materials Co., 501 5th av, New York

Wente Electric Co., Hamilton, O.

Wesco Supply Co. ("Wesco"), 7th & Clark av, St. Louis, Mo.

Western Electric Co., 463 West, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Coils (Brass & Bronze)

See Pipe Bends & Coils

2855— Coils (Choke)

Anderson Albert & J. M. Mfg. Co., 289A, Boston, Mass.

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.

Electric Service Supplies Co., ("Garton-Daniels" Porcelain Clamp Insulator), 17th & Cambria, Phila., Pa.

Hickey & Schneider, 61 B'way, New York

Lord Mfg. Co. (Auto, Discharge, Vertical Unit), 105 W 40th, New York

Metropolitan Engrg. Co., 35 Vestry, New York

Schweitzer & Conrad, Inc., 4431 Ravenswood av, Chicago, Ill.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
See adv index at end of book

2856— Coils (Cooling)

American District Steam Co. ("Niagara"), No Tonawanda, N. Y.

Devine J. P. Co., Buffalo, N. Y.

2857—Coils (Gas Lighting Spark)

Acme Wire Co., New Haven, Conn.

American Electrical Works, Phillipsdale, R. I.

Dow Mfg. Co., Braintree, Mass.

Electric Goods Mfg. Co., Canton, Mass.

Engeln & Co., 1904 Euclid, Cleveland, O.

Hercules Electric Co., Indianapolis, Ind.

Holtzer-Cabot Elec. Co., Brookline, Mass.

Kokomo Electric Co., Kokomo, Ind.

Manhattan Electrical Supply Co., 17 Park pl, New York

National Coil Co., Lansing, Mich.

Ostrander W. R. & Co., 371 B'way, New York

Coils (Ignition)

See Coils, Spark

2858— Coils (Induction)

Acme Wire Co., New Haven, Conn.

American Coil Co. ("American" For Jumps Spark Ignition, etc.), Foxboro, Mass.

American Electric Co., 6401 So State, Chicago, Ill.

Bunnell J. H. & Co., 32 Park pl, New York

Dudlo Mfg. Co. ("Dudlo" Windings), Ft. Wayne, Ind.

Kelley-Koett Mfg. Co., Covington, Ky.

Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.

Knoblock-Heideman Mfg. Co., South Bend, Ind.

Kokomo Electric Co., Kokomo, Ind.

McIntosh Battery & Optical Co., 217 N Desplaines, Chicago, Ill.

Manhattan Electrical Supply Co., 17 Park pl, New York

Nenominee Electric Mfg. Co., Menominee, Mich.

Pearce Fred'k Co., 20 Rose, New York

Ritchie E. S. & Sons ("For X-Ray" Apparatus & Wireless Telegraphy), Brookline, Mass.

Scheidel-Western X-Ray Co., 737 W Van-buren, Chicago, Ill.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Wilhelm Telephone Mfg. Co., Buffalo, N. Y.
 Williams E. Q., Syracuse, N. Y.

Coils (Pipe)

See Pipe Bends & Coils

2859— Coils (Resistance)

American Electrical Works, Phillipsdale, R. I.
 Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.
 Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
 Biddle Jas. G., 1211 Arch, Phila., Pa.
 Bunnell J. H. & Co., 32 Park pl, New York
CUTLER HAMMER MFG CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
 Electrical Alloy Co. (Car Heater), Morristown, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 International Brass & Electric Co., 76 Beekman, New York
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
 Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
 Metropolitan Engineering Co. (Reactance Coils for Generators), 35 Vestry, New York
 Queen-Gray Co., 618 Chestnut, Phila., Pa.
 Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.
 Ward Leonard Elec. Co., Bronxville, N. Y.
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2860— Coils (Spark)

Ackley Robert T., Cortland, Ohio
 Akar Ignition Co. ("Akar"), 149 Berkley, Wayne Junction, Phila., Pa.
 American Coil Co. ("Jump"), Foxboro, Mass.
 American Electrical Works, Phillipsdale, R. I.
 Autocoil Co. ("Jumphlame," "Owners"), 136 7th, Jersey City, N. J.
 Bunnell J. H. & Co., 32 Park pl, New York
 Connecticut Telephone & Electric Co. ("Connecticut"), Meriden, Conn.
 Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.
 Dow Mfg. Co., Braintree, Mass.
 Duddo Mfg. Co., Fort Wayne, Ind.
 Edison Thomas A., Orange, N. J.
 Electric Goods Mfg. Co., Canton, Mass.
 Foote, Pierson & Co., 160 Duane, New York
 Heinze Electric Co. (For Automobiles), Lowell, Mass.
 Herz & Co., 245 W 55th, New York
 International Brass & Electric Co. (For X-Ray, Wireless Telegraphy, etc), 76 Beekman, New York
 Jefferson Electric Mfg. Co. (For Automobiles), 426 S Green, Chicago, Ill.
 Knoblock-Heideman Mfg. Co., South Bend, Ind.
 Knott L. E. Apparatus Co. (High Frequency), 79 Amherst, Cambridge, Mass.
 Kokomo Electric Co. ("Kingston"), Kokomo, Ind.
 Lemke Electric Co. (High Tension Jump & Make & Brake), 509 Cedar, Milwaukee, Wis.
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Menominee Elec. Mfg. Co., Menominee, Mich.
 Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.
 Mosler A. R. & Co., Woodlawn, N. Y.
 Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
 National Coil Co. ("Capitol"), Lansing, Mich.
 New York Coil Co., 338 Pearl, New York
 Noxon C. Per Lee, Syracuse, N. Y.
 Ohio Electric Works, Cleveland, O.

Pfanstiehl Co. ("X-Ray"), North Chicago, Ill.
 Pittsfield Spark Coil Co. ("Pittsfield"), Pittsfield, Mass.
 Schug Elec. Mfg. Co., Detroit, Mich.
 Splitdorf Electrical Co., 98 Warren, Newark, N. J.
 Thordarson Elec. Mfg. Co., 501 S Jefferson, Chicago, Ill.
 Tritt Electric Co., Union City, Ind.
 Voltamp Electric Mfg. Co. (Jump), 407 N Paca, Baltimore, Md.
 Wells R. C. Mfg. Co., Fond du Lac, Wis.
 Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Williams E. Q., Syracuse, N. Y.
 Witherbee Igniter Co. ("Wico"), 1904 B'way, New York

Coils (Stoneware)

See Stoneware, Chemical

2861— Coke (Crushed)

Berger-Aiken Coal Co, Benedum Trees bldg, Pittsburgh, Pa.
 Brown W. Harry, Alicea, Fayette County, Pa.
 Smith Facing & Supply Co., Columbia bldg, Cleveland, O.
 Stevens Frederick B., 3d & Larned, Detroit, Mich.

2862— Coke Mfrs.

Adah Coal & Coke Co., Uniontown, Pa.
 Algoma Coal & Coke Co., Algoma, W. Va.
 Altoona Coal & Coke Co., Altoona, Pa.
 Arlington Coal & Coke Co., Lynchburg, Va.
 Atlantic Coal & Coke Co., Tunnelton, W. Va.
 Babcock Coal & Coke Co., Pittsburgh, Pa.
 Barnitz Geo. A., York, Pa.
 Battle Creek Coal & Coke Co., Orme, Tenn.
 Beckley Coal & Coke Co., Macdonald, W. Va.
 Berger-Aiken Coal Co., Benedum Trees bldg, Pittsburgh, Pa.
 Bixler Coal & Coke Co. ("Crushed"), Fulton bldg, Pittsburgh, Pa.
 Bottom Creek Coal & Coke Co., Vivian, W. Va.
 Brown W. Harry ("Alicia Mines" Connellsville Furnace, Foundry & Crushed Coke), Alicia, Pa.
 Central Iron & Coal Co., 90 West, New York
 Citizens Gas Co., 47 S Penn, Indianapolis, Ind.
 Collins Colliery Co., Macdonald, W. Va.
 Colonial Coal & Coke Co., Oliver bldg, Pittsburgh, Pa.
 Colorado Fuel & Iron Co., Denver, Colo.
 Connellsville Central Coke Co., Empire bldg, Pittsburgh, Pa.
 Connellsville Coal & Coke Co., Connellsville, Pa.
 Connellsville Mutual Coke Co., Scottdale, Pa.
 Consolidated Coke Co., Oliver bldg, Pittsburgh, Pa.
 Crozer Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.
 Crystal Coal & Coke Co., Crystal, W. Va.
 Davis Coal & Coke Co. (Foundry, Furnace & Crushed), Continental bldg, Baltimore, Md.
 Debevoise-Anderson Co. (Dealers), 56 Liberty, New York
 Donahoe Coke Co., Greensburg, Pa.
 Dunn Connellsville Coke Co., Adamsburg, Pa.
 Dunn Loop Coal & Coke Co., Macdonald, W. Va.
 Durham Coal & Iron Co., Chattanooga, Tenn.
 Elk Ridge Coal & Coke Co., Kyle, W. Va.
 Empire Coke Co., Geneva, N. Y.
 Fairmont Coal Co. (Foundry, Furnace & Crushed), 14 Wall, New York
 Fayette Coke Co., New Salem, Pa.
 Fire Creek Coal & Coke Co. (Foundry), Fire Creek, W. Va.
 Flat-Top Fuel Co. ("Pocahontas" Foundry), Bluefield, W. Va.
 Frick H. C. Coke Co., Carnegie bldg, Pittsburgh, Pa.
 Gilliam Coal & Coke Co., Lynchburg, Va., & Gilliam, W. Va.
 Grafton Coal & Coke Co., Grafton, W. Va.
 Hamilton Otto Coke Co., Hamilton, O.
 Hanna M. A. & Co., Cleveland, O.
 Harris-Smith Coal & Coke Co., Uniontown, Pa.

Harvey Coal & Coke Co., Macdonald, W. Va.
 Hickman, Williams & Co. (Dealers), Louisville, Ky.
 Hillman J. H. & Sons Co. (Low Phosphorus Connellsville Blast Furnace Coke, etc), Oliver bldg, Pittsburgh, Pa.
 Hostetter Connellsville Coke Co., 434 5th, Pittsburgh, Pa.
 Houston C. B. & Co. (Dealers), Franklin Bank bldg, Phila., Pa.
 Houston Coal & Coke Co., Elkhorn, W. Va.
 Hustead-Semans Coal & Coke Co., Uniontown, Pa.
 Jamison Coal & Coke Co., Oliver bldg, Pittsburgh, Pa.
 Keeley Jerome & Co. (Dealers), 421 Chestnut, Phila., Pa.
 Keister A. L. & Co. (also Coal), Scottdale, Pa.
 Keystone Coal & Coke Co., Greensburg, Pa.
 Louisville Coal & Coke Co., Goodwill, W. Va.
 Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa.
 Lynchburg Coal & Coke Co., Lynchburg, Va.
 McKeefrey & Co., Leetonia, O.
 Mabscott Coal & Coke Co., Macdonald, W. Va.
 Macdonald Colliery Co., Macdonald, W. Va.
 Marmet-Halm Coal & Coke Co., 1st National Bank bldg, Cincinnati, O.
 Milwaukee Coke & Gas Co. (Foundry & Furnace & Domestic), 1st National Bank bldg, Milwaukee, Wis.
 Mohr J. J. & Son (Dealers), Bullitt bldg, Phila., Pa.
 Monessen Coal & Coke Co., Frick bldg, Pittsburgh, Pa.
 National Fuel Co., Oliver bldg, Pittsburgh, Pa.
 New Alexandria Coke Co., Greensburg, Pa.
 Newcomer Coke Co., Uniontown, Pa.
 New England Gas & Coke Co., 111 Devonshire, Boston, Mass.
 New York & Phila. Coal & Coke Co., Produce Exchange, New York
 Norton Coal Co., Norton, Va.
 Oliver Iron & Steel Co., 10th & Muriel, Pittsburgh, Pa.
 Orient Coke Co., Uniontown, Pa.
 Peerless Coal & Coke Co., Vivian, W. Va.
 Penn Coke Co., Uniontown, Pa.
 Pennsylvania Coal & Coke Co., 17 Battery pl, New York
 Pittsburgh Coal Co. (of Penn.), Oliver bldg, Pittsburgh, Pa.
 Pocahontas Coke Co., Bluefield, W. Va.
 Pocahontas Consolidated Collieries Co., Bramwell, W. Va.
 Producers Coke Co., Uniontown, Pa.
 Prospect Coal & Coke Co., Searights, Pa.
 Rainey W. J. ("Connellsville"), 52 Vanderbilt av, New York
 Raleigh Coal & Coke Co., Raleigh, W. Va.
 Reliance Coke Co., Frick bldg, Pittsburgh, Pa.
 Republic Iron & Steel Co., Youngstown, O.
 Roanoke Coal & Coke Co., Worth, W. Va.
 Rochester & Pittsburgh Coal & Iron Co., Rochester, N. Y.
 Rogers-Brown & Co., 77 Carew bldg, Cincinnati, O.
 Semet-Solvay Co., Syracuse, N. Y.
 Shenango Furnace Co., Oliver bldg, Pittsburgh, Pa.
 Sloss-Sheffield Steel & Iron Co., Birmingham, Ala.
 Snyder W. P. & Co., Oliver bldg, Pittsburgh, Pa.
 Spokane Falls Gas Light Co. (Gas Coke), Spokane, Wash.
 Stauffer Jos. R., Scottdale, Pa.
 Stevens Frederic B. (Crushed), 3d & Larned, Detroit, Mich.
 Stewart Iron Co., Cleveland, O., & Sharon, Pa.
 Steubenville Coal & Mining Co., Steubenville, O.
 Stonega Coke & Coal Co., Stonega, Va.
 Struthers Coal & Coke Co., Citizens' bldg, Cleveland, O. Plant & Mine: Fairbank, Pa.
 Taylor Coal & Coke Co., 819 Hickox bldg, Cleveland, O.
 Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
 Tidewater Coal & Coke Co., Vivian, W. Va.
 Turkey Knob Coal Co., Charleston, W. Va.
 Tyler Coal & Coke Co. (Dealers), Land Title bldg, Phila., Pa.
 United Connellsville Coke Co., Oliver bldg, Pittsburgh, Pa.

United Iron & Steel Co. (Foundry, etc),
Cleveland, O.
U. S. Coal Co., Carnegie bldg, Pittsburgh,
Pa.
Upland Coal & Coke Co., Upland, Pa., &
Elkhorn, W. Va.
Virginia Iron, Coal & Coke Co. (Furnace
& Foundry), Roanoke, Va.
Virginia & Pittsburgh Coal & Coke Co.,
Fairmont, W. Va.
Washington Coal & Coke Co., Dawson, Pa.,
& Pittsburgh, Pa.
Winona Gas Light & Coke Co., Winona,
Minn.
Yolande Coal & Coke Co. (Foundry, etc),
Birmingham, Ala.

2863—Coke (Metallurgical)

Semet-Solvay Co. ("Solvay"), Syracuse,
N. Y.

2864—Coke Oven Construction

Koppers H. Co. ("Kopper's" By-Product
Plants), Union Arcade, Pittsburgh,
Pa.

LINK-BELT COMPANY (For Crushing,
Screening, Handling, etc), 39th &
Stewart av, Chicago, Ill., & Hunting
Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Oak Hill Marble Works, Birmingham, Ala.
Otto Coking Co. Inc., 6 Church, New York
Semet-Solvay Co., Syracuse, N. Y.
Warwick Construction Co., 1048 W. Har-
rison, Chicago, Ill.

2865—Coke (Petroleum)

Atlantic Refining Co., 3144 Passyunk av,
Phila., Pa.
National Refining Co., Rose bldg, Clevel-
and, O.
Tidewater Oil Co., 11 B'way, New York

2866—Colchicine

Hoffmann-La Roche Chemical Works, 440
Washington, New York

2867—Cold Shuts

American Logging Tool Co., Evart, Mich.
American Mfg. Co., Chattanooga, Tenn.
Dixie Logging Tool Co., Chattanooga,
Tenn.

Cold Storage Plant Construction

See Ice & Refrigerating Machines
Also Engineers, Refrigeration

Collapsible Steel Centering

See Centering, Steel

2868—Collar Supports (Covered Wire)

Sachnoff G. & Co., 356 W B'way, New York

2869—Collars (Axle)

Graham Nut Co., Pittsburgh, Pa.

2869a—Collars (Cleanable)

DU PONT E. I. DE NEMOURS & CO.
(The Arlington Works), (Brands:
"Challenge," "Pyralin," "Outdoor,"
"Water-Nymph," "Blue Ribbon"),
725-27 Broadway, New York

2870—Collars (Dog)

Brauer Bros. Mfg. Co., 204 N 14th, St.
Louis, Mo.
Buchheimer Geo. H., 1004 Rutland av, Bal-
timore, Md.
Cassady Fairbank Mfg. Co. ("Erb"), 6126
S La Salle, Chicago, Ill.
Fritz Bros., Meriden, Conn.
Graham & Berwin, 107 Lafayette, New
York
Libby, Harlow & Co., 250 Devonshire, Bos-
ton, Mass.
Niagara Falls Metal Stamping Works,
Niagara Falls, N. Y.
Riley-Klotz Mfg. Co., 17 Mulberry, New-
ark, N. J.
Scheffer & Rossum Co., 216 E 4th, St. Paul,
Minn.
Smith Jas. & Son, 40 Franklin av, Brook-
lyn, N. Y.
Stevens Walter B. & Son, 107 Chambers,
New York
Union Hardware Co., Torrington, Conn.

2870a—*Collars (Horse, Cotton Duck)

COUCH BROS. MFG. CO., Atlanta, Ga.

2871-2—Collars (Horse)

See also Harness, Saddles & Strap Work
Mrs.

ARKANSAS.

LITTLE ROCK—Voss-Barbee Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Saddlery &
Finding Co.
SACRAMENTO—Van Voorhies A. A. & Co.
SAN FRANCISCO—Davis W. & Sons, 333
Market
Johnson F. S. Co., 576 Howard

CONNECTICUT.

HARTFORD—Smith, Worthington Co.
NEW HAVEN—Smith's Henry Sons

GEORGIA.

ATLANTA—**COUCH BROS. MFG. CO.**
("Lankford," "Gee Haw," "Sam-
son")
BUFORD—Allen Bona
LAWRENCEVILLE—Allen Mfg. Co. (Cot-
ton)
MACON—Bernd G. Co.

ILLINOIS.

BENTON—Jackson A. D. Saddlery Co.
BLOOMINGTON—Green B. S. Co.
CHICAGO—Ortmayer A. & Son, 165 W
Illinois
FREEPORT—Bowler & Jones
GALESBURG—Adams & Johnson Co.
LINCOLN—Lincoln, Ill. Collar Co. (Cork
Faced)
OTTAWA—Bach M. W. & Co.
QUINCY—Schott J. B. Saddlery & Mfg.
Co. ("Noxall")
Wolf Mfg. Co.
PEORIA—Case & Kroenlien
Chuse & Co.
ROCKFORD—Hess & Hopkins Leather
Co.

INDIANA.

EVANSVILLE—Flickner J. O. & Sons
Indiana Collar Co.
FORT WAYNE—Racine F. L.
INDIANAPOLIS—Indianapolis Saddlery
Co., 237 S Meridian
Reh fuss Martin Jr.

IOWA.

BOONE—Goeppinger L. & H.
BURLINGTON—McConnell S. R. & I. C.
Co.
CLINTON—Clinton Saddlery Co.
COUNCIL BLUFFS—Keller A. C. Collar
Co.
DAVENPORT—Sears Saddlery Co.
DES MOINES—Des Moines Saddlery Co.
DUBUQUE—Hoffmann Paul
MUSCATINE—Van Nostrand Saddlery Co.
WATERLOO—Powers Mfg. Co. ("Hu-
mane")
Waterloo Saddlery Co.

KANSAS.

ATCHISON—Atchison Saddlery Co.
LAWRENCE—Hermann John

KENTUCKY.

EDDEYVILLE—Kentucky Whip & Collar
Co.
LOUISVILLE—Harbison & Gathright
Miller Jno. Saddlery Co.

LOUISIANA.

NEW ORLEANS—Rice Louis P. & Co.
Whitney & Sloo Co., Ltd.

MARYLAND.

BALTIMORE—Lerch Bros., 114 Hanover

MASSACHUSETTS.

BOSTON—Carter Edw. H., 17 Wendall
Libby, Harlow & Co., 250 Devonshire

FITCHBURG—Thomson Alex (Steel
Hameless)

MICHIGAN.

CARO—Johnston-Slocum Co. ("Indestruct-
ible" Steel Hameless)
DETROIT—Armstrong & Graham, 128
Jefferson av
Navion-Pierson-Hough Co., 158 Con-
gress W
Pierson & Hough Co., 158 Congress W
SAGINAW—Koehler Bros. (Steel)
Morley Bros.

MINNESOTA.

DULUTH—Marshall-Wells Hardware Co.
Schulze Leather & Findings Co.
MINNEAPOLIS—Dodson, Fisher, Brock-
man Co., 15 N 3d
ST. PAUL—Friend Chas. & Son, 343 Jack-
son.
Scheffer & Rossum Co., 216 E 4th
WINONA—Minnesota Harness Factory

MISSOURI.

CALIFORNIA—Heck Wm.
KANSAS CITY—Askew Saddlery Co.
ST. JOSEPH—Rossi Saddlery Co.
Wyeth Hardware & Mfg. Co.
ST. LOUIS—Albrecht H. & Co., 610 Wash-
ington
Burns P. Saddlery Co., 713 Lucas
Holthaus Saddlery Co., 1449 N 6th
Sickles J. B. Saddlery Co., 2100 Wash-
ington
Straus Saddlery Co., 27th & Locust
SPRINGFIELD—Hermann-Sanford Sad-
dlery Co.

NEBRASKA.

BLAIR—Blair Horse Collar Co.
LINCOLN—Harpham Bros. Co.
OMAHA—Haney J. H. & Co.

NEW YORK.

BATH—Bath Harness Co.
BUFFALO—Dorries & Co.
Smith Sons Harness Co.
NEW YORK—Cronin M. F., 369 Pearl
ROCHESTER—Weider John A. (Fire
Dept.)
ROME—Bingham Harness Co.
SYRACUSE—Appleby T. H. & Co.
Olmsted H. R. & Son
TROY—Curtis Mont G.

NORTH DAKOTA.

FARGO—Bristol & Sweet Harness Co.
North Dakota Harness Co.

OHIO.

CINCINNATI—Graf-Morsbach Co., Flint &
Wade
Grossman & Hooe Saddlery Co., 221
Main
Langenbrunner & Co., 315-17 Ham-
mond
Perkins-Campbell Co., 622 B'way
CLEVELAND—Bellis Wm. L.
COLUMBUS—Sells J. H. & F. A. Co.,
Chestnut & Pearl
MARIETTA—Strecker Bros. Co.
SIDNEY—Given R. & Son Co.
TOLEDO—Quinn J. E.

OREGON.

PORTLAND—McMonies W. H. & Co.
Sharkey P. & Son, 53 Union

PENNSYLVANIA.

INDIANA—Robinsteen Collar & Leather
Co.
PHILADELPHIA—Barry & McAlister, 233
Race
Hansell Wm. S. & Sons, 131 Market
YORK—Beard H. B. & Co.

TENNESSEE.

CHATTANOOGA—Southern Saddlery Co.
NASHVILLE—Gray & Dudley Hardware
Co.
Nashville Saddlery Co.
SHELBYVILLE—Robinson - McGill Mfg.
Co.

TEXAS.

DALLAS—Padgett Bros. Co.
Schoellkopf G. H. Saddlery Co.
Tenison Bros. Saddlery Co.
PARIS—Paris Saddlery Co.
SAN ANTONIO—Frank L. Saddlery Co.
WACO—Padgett Tom Co.

UTAH.

SALT LAKE CITY—Salt Lake Hardware Co.

VIRGINIA.

RICHMOND—Cottrell Saddlery Co.
Crump Benj. T. Co.

WASHINGTON.

SEATTLE—Duncan & Sons

WISCONSIN.

EAU CLAIRE—Schwahn-Seyberth Saddlery Co.
GREEN BAY—McIntyre-Burrall Co.
Kress Frank F.
MILWAUKEE—Wallace & Smith Co., 86 W Water
Young Benj. Co., 241 E Water

2873—Collars (Pole)

Goodell-Pratt Co., Greenfield, Mass.

2874—Collars (Rubber Swimming)

Tyer Rubber Co., Andover, Mass.

2875—*Collars (Safety Set)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av. & P. & R. Ry., Phila., Pa.
See adv index at end of book

2876—Collars (Shingle Saw)

Biegert J. C. Machine Works, Seattle, Wash.

2877—Collars (Spacing, for Milling Cutters)

Schuchardt & Schutte (Adjustable), 90 West, New York
Scully, Jones & Co., 80 E Jackson blvd, Chicago, Ill.

2878—Collars (Split)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co., Mannheim, Pa.
Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
Chain Belt Co. (Also Solid), Milwaukee, Wis.
Dodge Sales & Engineering Co. (Safety, for Shafting), Mishawaka, Ind.
Eastwood Benj. Co., Paterson, N. J.
Graphite Lubricating Co. ("Bound Brook," "Nigrum" Oilless), Main, Bound Brook, N. J.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av. & P. & R. Ry., Phila., Pa.
See adv index at end of book
Link Chain Co., Williamsport, Pa.
Mobile Pulley & Machine Co., Mobile, Ala.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Salem Foundry & Machine Works, Salem, Va.
Shaw Coupling Co. (Also Solid), Syracuse, N. Y.
Standard Pressed Steel Co. (Safety), 20th & Clearfield, Phila., Pa.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co. (Safety Set, also Solid), Chambersburg, Pa.
Yocom Jas. & Son (For Shafting), 145 N 2nd, Phila., Pa.

2879—Collars (Steam Pipe)

Matthews Mfg. Co., 104 Gold, Worcester, Mass. *See adv index at end of book*
Worcester Pressed Steel Co., Worcester, Mass.

2880—*Collars (Thrust)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

2881—Collars & Cuffs (Celluloid)

Celluloid Co. (Waterproof), 36 Washington pl, New York

2882—Collectors (Rubber)

Empire Cream Separator Co. ("Empire," Centrifugal), Bloomfield, N. J.

2882a—*Collets

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

2883—Collets (Twist Drill, Etc.)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co. (For Milling & Grinding Machines, etc.), Providence, R. I.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co. ("Paragon," for Flat Twist Drills; also for Turret Tool Holders), 1 E 49th, Cleveland, O.
McCrosky Reamer Co. ("Wizard," "Quick Change"), Meadville, Pa.
Modern Tool Co. ("Magic"), 500 State, Erie, Pa.
Pratt & Whitney Co. (Bit Brace), Hartford, Conn.
Union Twist Drill Co. (Milling Machine & Blank Devices), Athol, Mass.
Waltham Screw Co., Waltham, Mass.
Whitney Mfg. Co. ("Presto" & Friction Tapping), Hartford, Conn.

2884—*Collodion

DU PONT CHEMICAL WORKS, 120 B'way, New York

Color Cards

See Paint Mfrs.' Color Cards

2885—Color Mfrs. & Importers

See also Aniline Colors, Dyes and Dyestuffs

Acme White Lead & Color Works, St. Aubin av & M. C. R. R., Detroit, Mich.
Adler Color & Chemical Works, 100 William, New York
Akron Mining, Milling & Mfg. Co. ("Robinson," Paste Form, Semi-Paste, Liquid), Aurora, Ill.
Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.
American Aniline Products Inc., 80 5th av, New York
American Heyl Company (Imp), 6 Platt, New York
Ansbacher A. B. & Co. (Dry Colors), 527 5th av, New York
Atlas Co. (Dry), Lincoln, N. J.
Atlas Paint Co. (Dry Colors), Nashville, Tenn.
Ault & Wiborg Co. (Dry Color Mfrs.), 7th & Culvert, Cincinnati, O.
Blensberg A. Co., 69 Front, New York
Billings-Chapin Co., 1163 E 40th, Cleveland, O.
Binney & Smith Co., 81 Fulton, New York
BINSWANGER B. & CO. (Dry), 827 N 3rd, Phila., Pa.
Bredt F. & Co., 240 Water, New York
Briggs John & Co., 45 Purchase, Boston, Mass.
Cambria Paint & Color Co. (Ltd.) (Grinders of Paper & Pulp Colors, Colors in Oil, etc), Johnstown, Pa.
Cawley, Clarke & Co. (Pulp & Dry Colors, Chrome Yellow, etc), 278 Passaic, Newark, N. J.
Central Dyestuff & Chemical Co., Newark, N. J.
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.
Chrystal Chas. B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Commonwealth Color & Chemical Co. (Selling Agent), Nevins, Brooklyn, N. Y.
Corona Chemical Co. (Dry), 213 Lake, Milwaukee, Wis.
Coulston J. W. & Co. (Dry Colors), 80 Maiden Lane, New York
Detroit White Lead Works, Milwaukee av & Widman pl, Detroit, Mich.
Devoe & Reynolds Co. Inc., 101 Fulton, N. Y.

Ditzler Color Co., 20 Baltimore av, W, Detroit, Mich.

Doggett, Stanley (Dry), 11 Cliff, New York
Drakenfeld B. F. & Co., 50 Murray, New York
Ehrmann Ludwig, 288 Bowery, New York
Fezandie Felix (Importer), 205 Fulton, New York
Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
FOX M. EWING CO. (Dry & Water), 241 E 136th, New York
See adv index at end of book
French Samuel H. Co., 4th & Callowhill, Phila., Pa.
Fry Art Co. (Vitriifying China), 35 W 31st, New York
Geisenheimer & Co., 134 Cedar, New York
Harmon Color Works Inc. (For Ink, Paints Q Wall Paper), College Point, L. I., N. Y.
HARRISONS INC. (Dry & In Oil, "Hartford" & "Liberty" Bronze Greens), 3500 Gray's Ferry rd, Phila., Pa.
Heller & Merz Co. (Aniline), 503 Hudson, New York
Hemingway & Co. (Dry), 1 B'way, New York
Herman & Herman, Inc., 6 Church, New York
Herrmann Morris & Co., 200 5th av, New York
Holliday Read & Sons, Ltd., 160 Franklin, New York
Huber Jos. M., 602 62nd, Brooklyn, N. Y.
Illinois Mineral Milling Co., E, St. Louis, Ill.
Jaenecke Printing Ink Co. (Dry Colors), Wright & Av B, Newark, N. J.
Jamaica Dyewood & Chemical Co. (Aniline, etc), 50 Church, New York
Johnson Chas. E. & Co., 509 S 10th, Phila., Pa.
Kalle Color & Chemical Co. (Importers), 530 Canal, New York
Kohnstamm H. & Co., 87 Park pl, New York
Kuttruff Adolf (Importers), 128 Duane, New York
Lavanburg Fred'k L. (Importer), 100 William, New York
Lewis John T & Bros. Co., Lafayette bldg, Phila., Pa.
Longman & Martinez, 54 Maiden la, New York
Lucas John & Co., 322 Race, Phila., Pa.
Macneal Jas B. & Co., Warner & Wooster, Baltimore, Md.
Mepharm Geo. S. & Co. (Colors & Minerals), 20th & Lynch, East St. Louis, Ill.
Meyer G. A. & E. (Imp. Red Oxide), 135 William, New York
Mott Haven Color Works, 395 Mott av, New York
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
National Aniline & Chemical Co. Inc., Schoellkopf Works (Aniline), Buffalo, N. Y.
Nicol J. M. & J. S. (Pulp Colors), Hawthorne, N. J.
Osborn C. J. Co. (Imported Dry Colors), 132 Nassau, New York
Patton Paint Co., 213 Lake, Milwaukee, Wis.
Peninsular Paint & Varnish Co., Detroit, Mich.
Pfeiffer Color Co. (Dry), 100 William, New York
Prince Mfg. Co. (Iron Oxides), 165 B'way, New York
Prince's Metallic Paint Co. (Oxide of Iron), Allentown, Pa.
Scheel Wm. H. (Importers, Dry Colors), 159 Maiden la, New York
Sherwin-Williams Co., Cleveland, O.
Siegle G. Co. (Dry Colors), Rosebank, Borough of Richmond, New York
Siemon & Elting, 99 Nassau, New York
Sinclair & Valentine Co., 611 W 129th, New York
Standard Ultramarine Co. (Ultramarine Blues), Huntington, W. Va.
Toch Bros., 320 5th av, New York
Uhlich Paul & Co. (Dry Colors, etc), 11 Cliff, New York
Ulster Paint Works (Dry Colors), Ellenville, N. Y.
Valentine & Co., 456 4th av, New York
Waddell R. J. & Co. (Imp. Dry Colors), 52 Beekman, New York
Waldo E. M. & F., 11 B'way, New York
Watson J. D. & Co., New Brunswick, N. J.
Westmoreland Chemical & Color Co., 925 Chestnut, Phila., Pa.

Wilhelm A. Co. (Dry, Pulp & in Oil), Reading, Pa.
 Willey C. A. Co. (Dry Colors), Hancock Long Island City, N. Y.
WILLIAMS C. K. & CO. ("Anchor Brand," Miners & Exporters), Easton, Pa.
 Wix Chas. & Co., 45 Vesey, New York
 Woodhouse Sam'l F., Unity & Franklin, Phila., Pa.
 Wood's Henry Sons Co. (Dry Color Mfrs.), Wellesley, Mass.

2886—*Color Matching Outfits

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

2887—Coloring (Incandescent Lamp)

American Mfg. Co., 1319 3d av, New York
 Agens & Co., 219 Market, Newark, N. J.
 Barrett M. L. & Co., 233 W Lake, Chicago, Ill.
 Brunner Chemical Works ("Queen"), 17 E 3rd, Cincinnati, O.
 Celluloid Zapon Co., Stamford, Conn.
 Egyptian Lacquer Mfg. Co., Rahway, N. J.
 Franche C. E. & Co. ("Permacolor"), 440 Orleans, Chicago, Ill.
 McGill Mfg. Co. ("Crescent"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
 Opal Chemical Co., Kenilworth, N. J.
 Pacific Electric Co. ("Incline," "Karsline"), La Crosse, Wis.
 Union Elec. Co., 3721 Grant blvd, Pittsburgh, Pa.
 Universal Electric Stage Lighting Co. ("Signaloid," "Kliegl Bros."), 240 W 50th, New York
 Waldman John J., 136 Liberty, New York
 Webster Chemical Co., St. Paul, Minn.

2888—Colors (Alizarine)

American Aniline Products Inc., 80 5th av, New York
 Bayer Co., 117 Hudson, New York
 Beckers W. Aniline & Chemical Works, E 83d, Brooklyn, N. Y.
 Berlin Aniline Works (Imp.), 213 Water, New York
 Bischoff C. & Co. (Imported), 451 Washington, New York
 Farbwerke-Hoechst Co., 122 Hudson, New York
 Herman & Herman, Inc., 6 Church, New York
 Rice Edw. E. & Co. ("E. Ruch & Co." Imported), 620 Atlantic av, Boston, Mass.
 Thayer E. M. & Co., 411 Atlantic av, Boston, Mass.

Colors (Aniline)

See Aniline Colors, Dyes & Dyestuffs

2889—Colors (Butter)

Burrell D. H. & Co. ("Hansen's" Danish), Little Falls, N. Y.
 Hansen's Chr. Laboratory, Little Falls, N. Y.
 Heller & Merz Co. ("Alderney"), 503 Hudson, New York
 International Extract & Color Co., Utica, N. Y.
 Jones Frank L., Utica, N. Y.
 Thatcher Mfg. Co., Elmira, N. Y.

2890—Colors (Coal Tar)

See Also Coal Tar Products
 American Aniline Products Inc., 80 5th av, New York
 Badische Co., 128 Duane, New York
 Central Drystuff & Chemical Co. (For Textile Trade), Plum Point la., Newark, N. J.
 Herman & Herman, Inc., 6 Church, New York

2891—Colors (Fresco)

Devoe & Reynolds Co. Inc. ("Florentine" for Fresco & Scene Painting), 101 Fulton, New York
 Harmon Color Works Inc., College Point, L. I., N. Y.
 Longman & Martinez, 54 Maiden la, New York
 Lucas John & Co., 322 Race, Phila., Pa.
 Wadsworth-Howland & Co., 141 Federal, Boston, Mass.

Colors (Oil)

See Paints, Oil

2892—Colors (Pulp)

Adler Color & Chemical Works, 100 William, New York
 Crescent Color & Chemical Wks (For Wall Paper Mfrs.), 59th & 11th av, New York
 Devoe & Reynolds Co. Inc., 101 Fulton, New York
 Harmon Color Works Inc., College Point, L. I., N. Y.
 Lucas John & Co., 322 Race, Phila., Pa.

2893—Colors (Soap)

Herman & Herman, Inc., 6 Church, New York
 Lueders Geo. & Co. (Imported), 218 Pearl, New York

2894—Colors (Steel)

Adler Color & Chemical Works, 100 William, New York
 Doggett Stanley, 11 Cliff, New York
 Forest City Paint & Varnish Co., 3334 Lakeside, Cleveland, O.

2895—Colors (Sulphur)

Alliance Chemical Co., 176 Federal, Boston, Mass.
 American Aniline Products Inc., 80 5th av, New York
 Berlin Aniline Works (Imp.), (Black, Blue, Brown, Green & Yellow), 213 Water, New York
 Bischoff C. & Co. (All Colors), 451 Washington, New York
 Geisenheimer & Co. (Blacks, Blues, Brown, etc.), 134 Cedar, New York
 Herman & Herman Inc. (Black), 6 Church, New York
 Hoffman & Kropff Chemical Co., Brooklyn, N. Y.
 Marden, Orth & Hastings Co., 61 B'way, New York
 Standard Aniline Products (Mfrs.), 366 5th av, New York
 Sykes Walter F. & Co. (Imp), 85 Water, New York
 Williamsburg Chemical Co., 230 Morgan av, Brooklyn, N. Y.

2896—Colors & Fillers (Paper Makers')

French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
 Harmon Color Works Inc., College Point, L. I., N. Y.
 Lucas John & Co., 322 Race, Phila., Pa.
WILLIAMS C. K. & CO., Easton, Pa.

2897—Column Coverings

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
 Gypsite Fireproofing Co. ("Gypsite"), 4th & Holden, Detroit, Mich.
 National Fire Proofing Co., Fulton bldg, Pittsburgh, N. Y.

2898—*Columns (Cast Iron)

See also Firms in Iron, Architectural & Ornamental Marked with a () Star*
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

2899—Columns (Cast Iron Pipe)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

2900—Columns (Concrete Reinforced)

Concrete Steel Co., 42 B'way, New York
 Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
 Republic Structural Iron Wks Co., E 53d & Lakeside av, Cleveland, O.
 Smith F. P. Wire & Iron Works (Spiral), Lake & Dearborn, Chicago, Ill.
See adv index at end of book

U. S. Column Co. ("Lally"), Cambridge, Mass.

2901—Columns (Fire Proof)

Pfaff & Kendall ("Hercules"), Foundry, Newark, N. J.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 U. S. Column Co. ("Lally"), Cambridge, Mass.

2902—Columns (Mercury Testing)

Behringer Edw. A. Inc., 88 W B'way, New York
 Feather N. B. ("Feather"), Hackett, Newark, N. J.
 Garrison Brass & Machine Works, 149 W 35th, New York
 Heiland Geo. W. ("Beekman"), 149 W 35th, New York

2903—*Columns (Metal)

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

2903a—*Columns (Pipe)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

2904—Columns (Porch, Pressed Steel)

Union Metal Mfg. Co. ("Union"), Canton, O.

2905—Columns (Porch & Interior, Wood)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
 American Veneer Column Co. ("Lupos" Veneered), 913 Grand, Brooklyn, N. Y.
 Booth Column Co. (Wholesale Mfrs.), Toledo, O.
 Bossert Louis & Son (Wholesale Mfrs.), 1335 Grand, Brooklyn, N. Y.
 Bryson City Pump Works Co. (Solid Bored Colonial Columns), Bryson City, N. C.
 Brockway-Smith Corp., 98 Canal, Boston, Mass.
 Buckeye Churn Co. (Solid Bored Colonial), Sidney, O.
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Iowa
 Carr & Baal Co., Des Moines, Ia.
 Carter-Phelps Mfg. Co., Keokuk, Ia.
 Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.
 Cleveland Column Co. ("Popular"), 1826 Columbus rd, Cleveland, O.
 Crandall G. H. Co., Cohoes, N. Y.
 Cream City Sash & Door Co. (For the Trade Only), 601 Park, Milwaukee, Wis.
 Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
 Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.
 Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
 Del' Isle S. G. (Mfrs. Agts.), 337 Carondelet, New Orleans, La.
 Detroit Column & Mfg. Co. (Lock Joint), Holden & M C, Detroit, Mich.
 Dickey A. & Co. (Piazza, etc., Wholesale), 37 Bristol, Boston, Mass.
 Doane & Jones Lumber Co. (Perfect Joint), Elmira, N. Y.
 Eby F. B. Handle Co., 12th & Stanley, Detroit, Mich.
 Falls City Lumber Co. (Of Fir Lumber), Portland, Ore.
 Farley & Loetscher Mfg. Co., Dubuque, Ia.
 Fitzgerald-Speer Co. ("Cummins" Steel Bound), Pen Argyl, Pa.
 Florence Column Co., Florence, Ala.
 Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
 Gauger Jno. A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
 Gordon Vantine Co., Davenport, Ia.
 Grand Rapids Lumber Co., Grand Rapids, Mich.
 Grays Harbor Commercial Co., foot of 3rd, San Francisco, Cal.
 Greer-Wilkinson Lumber Co., Oakland City, Ind.
 Hartmann Sanders Co. ("Koll's" Lock Joint), 2155 Elston av, Chicago, Ill.

Holland-Cook Mfg. Co., Tacoma, Wash.
Hyde-Murphy Co., Ridgway, Pa.
Iroquois Door Co. (Wholesale Mfrs.), Buffalo, N. Y.
Koll A. J., Los Angeles, Cal.
Lawrence, Newhall Page & Co. (Wholesale Mfrs.), Augusta, Me.
Lecoutour Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
Loetscher & Burch Mfg. Co., Des Moines, Ia.

McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
Morgan Sash & Door Co. (For the Trade Only), 2287 Blue Island av, Chicago, Ill.

National Sash & Door Co. (Wholesale Mfrs.), N Dupre & Carondelet, New Orleans, La.
Nelson Lumber & Mfg. Co., 323 Dublin av, Columbus, O.
Nickerson Mfg. Co. ("Nickerson" Double Lock Joint), Knoxville, Tenn.

Ohio Scroll & Lumber Co., Covington, Ky.
Pacific Mutual Door Co., Tacoma, Wash.
Paine Lumber Co., Ltd. (For the Trade Only), Oshkosh, Wis.

Peirce W. E. & Co. (Wholesale Mfrs.), Millford, N. H.
Riggs Cypress Co., Ltd. (Wholesale Mfrs.), Patterson, La.

Rittenhouse Bros., Cadiz, O.
Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.

Rockwell Mfg. Co. (For the Trade Only), 572 Park, Milwaukee, Wis.
Saco Mfg. Co. ("Colonial"), Saco, Me.
St. Louis Sash & Door Works (For the Trade Only), B'way & Destrehan, St. Louis, Mo.

Sanders Bros. Mfg. Co. (Wholesale Mfrs.), Ottawa, Ill.

Schaefer Louis (Colonial), 1444 W 21st, Chicago, Ill.

Schwerd A. F. Mfg. Co., North Side, 145 McClure, Pittsburgh, Pa.

Seattle Cedar Lumber Mfg. Co., Seattle, Wash.

Somerset Door & Column Co., Somerset, Pa.

Spangler Frank Co. (Tongued & Grooved, Patent Staved), Toledo, O.

Springfield Planing Mill & Construction Co., Springfield, Mo.

STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.

See adv index at end of book
Washington Mfg. Co. ("Samson"), Tacoma, Wash.

Western Sash & Door Co., Kansas City, Mo.

Whatecom Falls Mill Co. (Red Cedar for Trade Only), Bellingham, Wash.

Wheeler-Osgood Co. (Fir), Tacoma, Wash.

Zimmerman Chas. E., 204 Burnet av, Syracuse, N. Y.

2906—Columns (Steel Pipe)

Acme Column Co. (Filled with Concrete), 96 Bayard, Brooklyn, N. Y.

Atlas Steel Column Mfg. Co. (Filled with Concrete), 212 N 10th, Brooklyn, N. Y.

Mostberger Iron Co., 878 S Division, Buffalo, N. Y.

National Tube Co., ("NATIONAL"), Frick bldg, Pittsburgh, Pa.

See adv index at end of book

U. S. Column Co. ("Lally" Concete Filled), Cambridge, Mass.

2906b—Comb Cleaners

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

2907—Combs (Aluminum)

Aluminum Goods Mfg. Co., Manitowac, Wis.

Aluminum Specialty Co., Manitowoc, Wis.

Illinois Pure Aluminum Co., Lemont, Ill.

Union Aluminum Co., Doylestown, O.

2908—Combs (Celluloid)

Bachmann Bros., 609 Commerce, Phila., Pa.

Bay State Comb Co., Leominster, Mass.

Blodgett B. F. & Co. (Back & Side), Leominster, Mass.

Celluloid Co., 36 Washington pl, New York

Cornell Comb Co., Leominster, Mass.
Earl W. D. Co., Leominster, Mass.
Fitchburg Horn Goods Co., Fitchburg, Mass.

Howe Comb Co. (& Novelties), Leominster, Mass.

Kingman E. B. Co., Leominster, Mass.

Puritan Comb Co., Leominster, Mass.

Royal Comb Co., Leominster, Mass.

Standard Comb Co., Leominster, Mass.

Wagner Comb Mfg. Co., Myrtle av, Evergreen, N. Y.

2908a—Combs (Hair)

See also Combs, Various Kinds
du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

2909—Combs (Hair Drying)

Nicol & Co. ("Queen"), 218 N Jefferson, Chicago, Ill.

2910—Combs (Horn)

Athol Comb Co., Athol, Mass.

Diadem Mfg. Co., Fitchburg, Mass.

Fitchburg Horn Goods Co., Fitchburg, Mass.

Horn Products Co., Leominster, Mass.

Noyes Comb Co., Binghamton, N. Y.

Wilcox Joseph, Athol, Mass.

2911—Combs (Mane)

Covert Saddlery Works, Interlaken, N. Y.

Rubber & Celluloid Harness Trimming Co. (Hard Rubber "Albright" Round & Beaded Wire, White Celluloid & "Walker's" Rubber Compound), 56

Ferry, Newark, N. J.

2912—Comealongs or Wire Pullers

See also Grips, Cable
B-R Electric & Tel. Mfg. Co. ("Penna," Tightener), Kansas City, Mo.

Burr Mfg. Co., Whitney Power blk, Cleveland, O.

Dicke Tool Co. ("Howe"), Downers Grove, Ill.

Eureka Fence Mfg. Co. ("Sedgwick"), Richmond, Ind.

Eureka Co. ("Parallel," "Westfield"), North East, Pa.

Irvington Mfg. Co., Irvington, N. J.

Klein Mathias & Sons ("American Grip," "Haven's," "Landee's," "Chicago Grip"), 562 W Van Buren, Chicago, Ill.

Nagel W. G. Elec. Co., Toledo, O.

Norris Electric Specialties Co., 38 Park row, New York

Rittenhouse A. F. Co., Honeoye Falls, N. Y.

Sawyer C. L., Miller's Falls, Mass.

Smith & Hemenway Co., 76 Chambers, New York. *See adv index at end of book*

Union Elec. Mfg. Co., Pekin, Ill.

Western Electric Co. ("Buffalo Grip"), 463 West, New York

Commutator Building & Refilling

See Armature Rewinding & Commutator Refilling

Commutator Copper

See Copper for Commutator Bars

Commutator Dressing

See Compounds, Commutator

Commutator Segments

See Bars, Commutator

2913—Commutator Truing Device

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.

Jordan Bros., 74 Beekman, New York

Patterson Tool & Supply Co., Dayton, O.

2914—Commutators

See also Armatures
Allis-Chalmers Mfg. Co., Milwaukee, Wis.

See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

Cameron Electric Mfg. Co. ("Cameron"), Ansonia, Conn.

CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

Columbus Electrical Works Co., 199 North Front, Columbus, O.

Crouse-Hinds Co. (Gas Engine), Syracuse, N. Y.

Doubleday-Hill Elec. Co., 719 Liberty av, Pittsburgh, Pa.

Electric Materials Co., North East, Pa.

Eureka Co., North East, Pa.

Forsyth Electric Co., Seattle, Wash.

Gee Electric Co., Wheeling, W. Va.

Homer Commutator Co., 4748 Hough av N E, Cleveland, O.

Kendrick-Davis Co. (Mica Insulating, "K-D."), Lebanon, N. H.

Ridlon Frank Co., 261 Franklin, Boston, Mass.

Sackett Mine Supply Co., 162 N 3d, Columbus, O.

Traction Materials Co., 501 5th av, New York

Wente Electric Co., Hamilton, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

2914a—Compasses (Aeroplane)

Cummings Ship Instrument Works (Importers), 110 High, Boston, Mass.

2915—Compasses (Blackboard)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

Hammett J. L. Co., Kendall sq, Cambridge, Mass.

2916—Compasses (Carpenters', Etc.)

Athol Machine Co., Athol, Mass.

Johnson Wm. (Hedenberg Works), Newark, N. J.

Kraeuter & Co., 583 18th av, Newark, N. J.

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

Osborne C. S. & Co. (Leather, etc), Harrison, N. J.

Peck, Stow & Wilcox Co., Southington, Conn.

Pfister Wm. H., 230 W 4th, Cincinnati, O.

Prince L. M. Co., 108 W 4th, Cincinnati, O.

Queen-Gray Co., 618 Chestnut, Phila., Pa.

Schollhorn Wm. Co., New Haven, Conn.

Schuette Recording Compass Co. (Marine Recording), Manitowoc, Wis.

STARRETT L. S. CO., Athol, Mass.

See adv index at end of book

2917 Compasses (Ship, Etc.)

Bliss John & Co., 128 Front, New York

Durkee Chas. D. & Co. (Dry & Liquid), 2 South, New York

Lake Superior Electrical Co. (Electric), Superior, Wis.

Laughlin Thos. Co. (Dry & Liquid), Portland, Me.

Merrill's R. Sons, 66 South, New York

Negus T. S. & J. D., 140 Water, New York

Ritchie E. S. & Sons (Liquid Marine), Brookline, Mass.

Schuette Recording Compass Co. (Marine Recording), Manitowoc, Wis.

Sperry Gyroscope Co., 40 Flatbush av Extension, Brooklyn, N. Y.

Wilcox, Crittenden & Co. (Liquid), Middletown, Conn.

2918—Compasses (Surveyors' & Engineers')

Dietzgen Eugene Co. ("Economy" Beam), 166 W Monroe, Chicago, Ill.

Elliott B. K. Co. (Railroad, Surveying, Miners' etc), 126 6th, Pittsburgh, Pa.

Gurley W. & L. E. (Solar, Railroad Clinometer, Vernier, Plain, Pocket Dip, Needle, etc), Troy, N. Y.

Hand John & Sons Co. (Spirit & Dry), 222 Walnut, Phila., Pa.

Keuffel & Esser (Also Hunters' Pocket Compasses), Hoboken, N. J.
 Marble Arms & Mfg. Co. ("Marble's" Handy for Hunters, etc), Gladstone, Mich.
TAYLOR INSTRUMENT COMPANIES ("Tycos"), Rochester, N. Y.
See adv index at end of book

2919—*Compensarcs

GENERAL ELECTRIC CO., Schenectady, N. Y.
See adv index at end of book

2920—*Compensators (Arc Lamp)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

2921—Compensators (Gas)

Isbell-Porter Co., 46 Bridge, Newark, N. J.

2922—Compositions (Buffing)

See Tripoli; also Rouge

American Tripoli Co. ("Tripoli Flour"), Seneca, Mo.
 Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
 Burns E. Reed (Tripoli, Crocus Rouge, "Star" White Metal), 27 Jackson, B'klyn, N. Y.
 Day S. A. Mfg. Co. ("Crescent X X" White Finish), 1483 Niagara, Buffalo, N. Y.
 Egyptian Lacquer Mfg. Co., Rahway, N. J.
 Hanson & Van Winkle Co. ("Acme"), 269 Oliver, Newark, N. J.
 Hill & Griffith Co. ("White Lily," "Standard White," "Tripoli"), 1248 State av, Cincinnati, O.
 Lyman John R. Co. (Rouge), Springfield, Mass.
 Matchless Metal Polish Co. ("White Diamond" for All Metals, Hard Rubber, etc.), 151 Varick, New York
 Munning-Loeb Co., Matawan, N. J.
 New York Buff Co., 202 Centre, New York
 Oriental Rouge Co. (Rouge), Bridgeport, Conn.
 Rhodes Jas. H. & Co. (Glass Polishing Rouge, etc), 164 W Austin av, Chicago, Ill.
 Stevens Frederic B., 3d & Larned, Detroit, Mich.
 Union Polish Co., 80 Barclay, New York
 U. S. Chemical Co. ("U. S." Brand, White Finish), 3621 Lakeside av, N E, Cleveland, O.
 Wiarda John C. & Co. (Rouge, Tripoli Composition, etc), 273 Greene, Brooklyn, New York
 Zucker Geo. Co. ("Acme" Brand Rouge), 202 Emmett, Newark, N. J.

2922a—Compound (For Grease-Proofing & Waterproofing Paper)

Nash Engineering Co. ("Xyloform"), So Norwalk, Conn.

2923—Compound Tables (Drilling Machine)

Hoefer Mfg. Co., Freeport, Ill.
 Rockford Machine Tool Co., Rockford, Ill.

2924—Compounds (Acid Tank Lining)

Ohmlac Mfg. Co. ("Ohmlac"), 140 S Dearborn, Chicago, Ill.

2925—Compounds (Anti-Freezing)

Northwestern Chemical Co. ("Thermite"), Marietta, O.

Compounds (Boiler)

See Boiler Compounds

2926—Compounds (Brazing)

See also Compounds, Welding

A. & J. Mfg. Co. ("Braziron" for Cast Iron), 559 W Lake, Chicago, Ill.
 American Ferrofix Brazing Co., Perry bldg, Phila., Pa.
 Anti-Borax Compound Co. ("E-Z"), Ft. Wayne, Ind.
 Cortland Specialty Co. ("Banner"), 174 Railroad, Cortland, N. Y.
DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.
See adv index at end of book

Ferrofix Brazing Co., 225 S 24th, Phila., Pa.
 Krembs & Co. ("Fluxine"), 173 N Green, Chicago, Ill.
 National Cement & Rubber Co. ("Red Cross"), Toledo, O.
 Oldham Joshua & Sons ("Oldham"), 112 26th, Brooklyn, N. Y.
 Phillips-Lafitte Co. ("Lafitte," "Unifonte"), Penna. bldg., Phila., Pa.
 Standard Brazing Co., 45 Bromfield, Boston, Mass.
 Universal Fluxine Co. ("Universal Fluxine Acme"), Urbana, O.
 Weldarline Mfg. Co., Topeka, Kans.

Compounds (Buffing)

See Compositions, Buffing

2927—Compounds (Cable)

Mitchell-Rand Mfg. Co. (For Potheads & Terminals), 99 John, New York

2928—Compounds (Car Cleaning)

Becker Chemical Co., 19 Main, Cincinnati, O.
 Cleanola Co., Fulton bldg, Pittsburgh, Pa.
 Climax Refining Co., Williamson bldg, Cleveland, O.
 Idealo Co., Bourse bldg., Phila., Pa.
 Imperial Car Cleaner Co., 218 McWhorter, Newark, N. J.
 India Alkali Works ("The Savogran"), 28 India Wharf, Boston, Mass.
 Modoc Co. ("Perfectol" Car, Locomotive & Signal Blade, Cleaner & Renovator), Fernwood, Phila., Pa.

2929—Compounds (Case Hardening & Tempering)

Barr Chemical Co. (Imp.), 255 Douglass, Brooklyn, N. Y.
 Bell & Gossett ("Hi-Carbon" & "Case-Hardo"), Archer av & Mary, Chicago, Ill.
 Blaich Alfred O. Co., 1956 Clybourn av, Chicago, Ill.
 Buchanan C. G. Chemical Co. ("Ferro Case" & "Case-Hardo"), 118 E Pearl, Cincinnati, O.
 Case Hardening Service Co. ("Homogen"), 1390 W 10th, Cleveland, O.
 Climax Refining Co., Williamson bldg, Cleveland, O.
 European Color & Chemical Co., 154 Nassau, New York
 Hafleigh & Co., Cambria & N American, Phila., Pa.
 Houghton E. F. & Co. ("Houghton's" Case Hardening, Hydro-Carbonated Bone Black for Tempering, "Houghton's" Tempering Oil, "Pearlite" Ochilles, Case Hardening), 240 W Somerset, Phila., Pa.
 Ideal Case Hardening Compound Co., 29 Broadway, New York
 Kasenit Co.—Case-Hardening Compounds ("Kasenit"), 11 Water, New York
 Mosso C. A., 2253 Warren av, Chicago, Ill.
 Phillips Lafitte Co. ("Lafitte"), Penna. bldg, Phila., Pa.
 Rogers & Hubbard Co. ("Black Diamond," "Portland" & "Standard" Granulated Raw Bone), Middletown, Conn.
 Rowe Ring-Point Co., Hartford, Conn.
SHORE INSTRUMENT & MFG. CO. INC. ("Selective," Selective Process), 557 W 22d, New York
 Springfield Facing Co. ("Carbonit"), Springfield, Mass.
 Stevens Frederic B., 3d & Larned, Detroit, Mich.
 Weldarline Mfg. Co. ("Tempertough"), Topeka, Kansas.

2930—Compounds (Cleaning)

Babbitt B. T. Inc. ("Babbitt's Cleanser"), 11 Broadway, New York
 Cudahy Packing Co. ("Old Dutch Cleanser"), 111 W Monroe, Chicago, Ill.
 Fitzpatrick Bros. ("Klenzer" Compounds for Floors), 1319 W 32d pl, Chicago, Ill.
 Ford J. B. Co. ("Wyandotte Detergent" Abrasive Powder for Cleaning, Scouring & Mopping), Wyandotte, Mich.
 India Alkali Works ("Marblica," "Savogran" Powders), 28 India wharf, Boston, Mass.
 Modoc Co., Fernwood, Pa.
 Monahan Antiseptic Co. ("M. A. C."), 166 N Curtis, Chicago, Ill.
 White & Bagley Co., 100 Foster, Worcester, Mass.

2931—Compounds (Clutch or Brake)

Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.

2932—Compounds (Commutator)

Acheson Graphite Co., Niagara Falls, N. Y.
 Allen L. B. Co. ("Allen"), 4519 N Lincoln, Chicago, Ill.
 Burns E. Reed, 27 Jackson, Brooklyn, N. Y.

Chicago Solder Co., 218 N Union av, Chicago, Ill.

DIXON JOSEPH CRUCIBLE CO. (Graphite), Jersey City, N. J.
See adv index at end of book

Doe Walter S., Kent, O.
 DuPerow M. ("Deco"), 518 10th N W, Washington, D. C.

Dyno Utilities Mfg. Co., 608 S Dearborn, Chicago, Ill.

Early Edw. E. Co. ("Early's" Cement), Canton, O.

Fowler G. W. & Co., N Tonawanda, N. Y.

Goldmark Jas. Co. ("Trotters"), 83 Warren, New York
 Handy Supply Co., 11737 Detroit av, Cleveland, O.

Hart & Co. ("Red Cross"), Fostoria, O.
 Insulating Materials Co. (Cement), 805 Wesson av, Detroit, Mich.

Le Valley Vitae Carbon Brush Co. ("Gold Medal" Lubricating), 521 W 23d, New York

McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
See adv index at end of book

National Refining Co., Cleveland, O.

Ohio Grease ("Ohio"), Loudonville, O.

Onward Mfg. Co. ("O. C. Little"), Menasha, Wis.

Triad Co., Allenhurst, N. J.

Troy Electrical Co. ("E. G. B."), Troy, N. Y.

Walsh J. F. Co., Pittsfield, Mass.

Warren Lubricant Co., 22 Muncie, Buffalo, N. Y.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2933—Compounds (Core)

See also Compounds, Parting

American Gum Products Co. ("Goulac"), 200 5th av, New York

Bent James S. ("Coreoleum"), 117 First, South Boston, Mass.

Black Products Co. ("Black Diamond"), 135th & Calumet, Chicago, Ill.

Buckeye Products Co., 919 W 5th, Cincinnati, O.

Cataract Refining & Mfg. Co., Buffalo, N. Y.

Delevan Mfg. Co. ("Stewart" Liquid), 65 Delevan, Brooklyn, N. Y.

Federal Foundry Supply Co. ("Brights Dry"), 2639 E 79th, Cleveland, O.

Field Alfred & Co. ("Wax-Wire"), 93 Chambers, New York

Keystone Foundry Supply Co. ("Lion"), Buffalo, N. Y.

McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.

Midvale Mining & Mfg. Co., Central Natl. Bank bldg, St. Louis, Mo.

Mills H. E. Mfg. Co. ("Mills"), Syracuse, N. Y.

Obermayer S. Co. ("Kantbebeat" Dry), 2563 W 18th, Chicago, Ill.

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Pettinos Bros. ("Pettinos"), 25 Church, New York

Pure Carbon Co. ("Grapho"), Wellsville, N. Y.

Robeson Process Co. ("Glutrin"), 18 E 41st, New York

Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.

Smith Facing & Supply Co. ("C. F. M.," "Ingot," "Roll," "Velvet Blacking"), Columbia bldg, Cleveland, O.

Sterling Oil Co. ("Sterling" Core Oil), Emlenton, Pa.

Stevens Frederic B. ("King-Kore"), 3d & Larned, Detroit, Mich.

United Compound Co. ("Buffalo" Vent Wax), 178 Ohio, Buffalo, N. Y.

United States Graphite Co., Saginaw, Mich.

Woodison E. J. Co. ("Quality"), Detroit, Mich.

2934—*Compounds (Crucible, Clay & Graphite)

DIXON JOSEPH CRUCIBLE CO. (Graphite for Auto Chains & Lining & Repairing Fire Boxes), Jersey City, N. J.
See adv index at end of book

2935—Compounds (Cutting & Drilling)

See also Compounds, Drilling; also Oils, Cutting & Polishing
A. L. A. Mfg. & Supply Co., 136 Liberty, New York
Acheson Oildag Co. ("Aquadag"), Niagara Falls, N. Y.
American Oil Corp. ("No. 124 Mineralized Lard Oil"), Jackson, Mich.
Anchor Oil & Chemical Co. ("Anchor"), Cleveland, O.
Cataract Refining & Mfg. Co. ("Mystic Acme"), Buffalo, N. Y.
Climax Refining Co. ("Bull Dog," "Perfection"), Williamson bldg, Cleveland, O.
Farr Mfg. Co. ("Lubricool"), N Tona-wanda, N. Y.
Fiske Bros. Refining Co. (Cutting), 21 State, New York.
Houghton E. F. & Co. ("Salcut"), 240 W Somerset, Philadelphia, Pa.
Interstate Chemical Co., 12 Bayview av, Jersey City, N. J.
Lewis Drilling Compound Co., Sauquoit, N. Y.
Middle States Oil Co. ("Perfection"), 848 B. of L. E. bldg, Cleveland, O.
Monahan Antiseptic Co. (Green Oil Soap), 166 N Curtis, Chicago, Ill.
Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.
Oakley Chemical Co. ("Oakite"), 22 Thames, New York
Paragon Refining Co., Toledo, O.
Penn Oil & Supply Co., Ltd. ("Penn" Brand), Oil City, Pa.
Phoenix Oil Co. ("Keep Kool"), 2554 W 5th, Cleveland, O.
Racine Tool & Machine Co. ("Peerless," also Soluble Oil Cutting Compound), Racine, Wis.
See adv index at end of book
Richards G. Whitfield ("Lub-Well"), 1732 Carlton, Phila., Pa.
Sibley Soap Co., Franklin, Pa.
Sullivan Oil Co. ("Sullivan's" Economic), 413 Wells, Chicago, Ill.
Ulco Oil Co., Detroit, Mich.
White & Bagley Co. ("Economy"), 100 Foster, Worcester, Mass.

Compounds (Damp Resisting)

See Waterproofing Materials

Compounds (Dust Laying)

See Road Binders & Preservatives

2936—Compounds (Electric Cable)

Dielectric Mfg. Co. ("Dielectric" for Pot heads, etc), 224 S Vandeventer av, St. Louis, Mo.
Mitchell-Rand Mfg. Co. (For Potheads & Terminals), 99 John, New York
Ohmlac Mfg. Co. ("Ohmlac"), 140 S Dear-born, Chicago, Ill.

Compounds (Filler, Iron & Steel)

See Cement, Iron & Steel Filler

2937—Compounds (Fireproofing)

EDWARDS MFG. CO. ("Anti-Flame," for Fireproofing all Fabrics), 545-565 Eggleston av, Cincinnati, O.
Price Fire & Water-Proofing Co. ("Price" for All Kinds of Fabrics & Inflam-mable Materials), Poughkeepsie, N. Y.

2938—Compounds (Gear)

Ohio Filler & Shield Co. (Motor Gear Shield), 522 City av, Columbus, O.

Compounds (Grinding)

See Compounds, Valve Grinding

2939—Compounds (Impregnating)

Schenectady Varnish Co., Schenectady, N. Y.
Sherwin-Williams Co. ("Ajax"), Cleveland, Ohio

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

2940—Compounds (Insulating)

See also Paints, Insulating; also Var-nishes, Insulating
American Mica Co. ("A-M-C"), Newton Lower Falls, Mass.

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Bissell F. Co. ("Security"), Toledo, O.
Candy & Co. ("Faultless"), 403 N Pau-lina, Chicago, Ill.
Clifton Mfg. Co., 65 Brookside av, Ja-maica Plain, Boston, Mass.
Consumers' Rubber Co. ("Red Black," "Samson" Gum Rubber), Cleveland, O.
Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.
Doggett Stanley, 11 Cliff, New York
Dolph John C. Co. (Vacuum Imprenat-ing), 178 Emmett, Newark, N. J.
Electric Cable Co. ("Votax," Non-Rub-ber), 10 W 43d, New York
Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
Electrose Mfg. Co., Washington & Plym-outh, Brooklyn, N. Y.
Flintkote Mfg. Co. ("Rex"), 88 Pearl, Bos-ton, Mass.
Franklin Co. ("Franklin Black"), Bound Brook, N. J.
Garton W. R. Co. ("Velvapara"), 17 S Desplaines, Chicago, Ill.
General Bakelite Co. ("Bakelite"), 2 Rec-tor, New York
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
Insulative Co., 1 B'way, New York
Johns H. W.-Manville Co. ("Vulcabeston," "J.-P. Bakelite," & "Electrobestos"), Madison av & 41st, New York
Johns-Pratt Co. The, ("Vulcabeston," "Moulded Mica," "J. P. Bakelite," moulded in special shapes and mould-ed with or without inserts), Hartford, Conn.
Lamson John S. & Bros., 80 Maiden la, New York
McGill Mfg. Co. ("Crescent," "Chatter-ton"), 77 Oak, Valparaiso, Ind.
See adv index at end of book
Mica Insulator Co. ("M. I. C."), 68 Church, New York
Minerallac Electric Co. ("Minerallac"), 1045 Washington blvd, Chicago, Ill.
Mitchell-Rand Mfg. Co. ("B-S"), 99 John, New York
National India Rubber Co., Bristol, R. I.
National Insulator Co., 39 Sudbury, Bos-ton, Mass.
OKONILE CO., 501 Fifth av, New York
See adv index at end of book
Pettingell Andrews & Co. ("O K"), 166 Pearl, Boston, Mass.
Smith Edw. & Co. (Baked Coating), 127 West ave, Long Island City, N. Y.
Standard Asphalt & Rubber Co. ("Sarco"), 208 S La Salle, Chicago, Ill.
Standard Paint Co. ("P & B"), 233 Broad-way, New York
Standard Underground Cable Co. ("Ozite"), Pittsburgh, Pa.
Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
Standard Wax & Import Co., 95 William, New York
Sterling Varnish Co., Fulton bldg, Pitts-burgh, Pa.
Trotter E. T. & Co., 602 Johnson av, Brooklyn, N. Y.
Vulcanized Products Co., Muskegon, Mich.
Wesco Supply Co. ("Wesco"), 7th & Clark av, St. Louis, Mo.
Western Electric Co. ("W. E. Pothead"), 403 West, New York.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Compounds (Lamp Coloring & Frosting)

See Coloring, Incandescent Lamp

2941—Compounds (Metallic Journal Bearing)

Duluth Brass Works Co. ("Randolph's"), Duluth, Minn.

2942—Compounds (Motor Chain)

Acheson Graphite Co., Niagara Falls, N. Y.
Climax Refining Co., Williamson bldg, Cleveland, O.
DIXON JOSEPH CRUCIBLE CO. ("Dix-on's" for Transmission Chains), Jer-sey City, N. J.
See adv index at end of book
United States Graphite Co., Saginaw, Mich.

2943—Compounds (Parting)

See also Compounds, Core

Black Products Co., 135th & Calumet, Chi-cago, Ill.

Brooklyn Facing Mills, 1105 Metropolitan av, Brooklyn, N. Y.
Buckeye Products Co., 919 W 5th, Cin-cinnati, O.
Doggett Stanley ("Doggett's Perfection"), 11 Cliff, New York
Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
Foundry Specialty Co. ("Partine"), Cin-cinnati, O.
Hill & Griffith Co. ("Faultless"), 1248 State av, Cincinnati, O.
Keystone Foundry Supply Co. ("Niagara," "Mohawk"), Buffalo, N. Y.
McCormick J. S. Co., 25th & A V R R, Pittsburgh, Pa.
Midvale Mining & Mfg. Co., Central Nat'l Bk bldg, St. Louis, Mo.
Osborn Mfg. Co., 5405 E Hamilton, Cleave-land, O.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Smith Facing & Supply Co., Columbia bldg, Cleveland, O.
Sterling Oil Co., Emlenton, Pa.
Wedron Silica Co. ("Lacko"), Ottawa, Ill.
Woodison E. J. Co. ("Quality"), 53 Buhl, Detroit, Mich.

2943a—Compounds (Pickling)

Research Mfg. Co. ("Edis"), Oak Lane Sta., Pa.

2944—Compounds (Pipe Joint)

See also Cements, Pipe Joint

Acheson Graphite Co., Niagara Falls, N. Y.
Arlington Mfg. Co., Canton, O.
Buffalo Oil & Compound Co., Buffalo, N. Y.
Chester Graphite Co. ("Hexagon" Graph-ite), Chester Springs, Pa.
Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.

DIXON JOSEPH CRUCIBLE CO. ("Dix-on's" Graphite), Jersey City, N. J.
See adv index at end of book

Edgecombe Co. ("Red Cross"), Cuyahoga Falls, O.

Glauber M. & Co., 103 Varick, New York
Hetzel J. G. (Est. of), 67 Main, Newark, N. J.

Johns, H. W.-Manville Co. ("H-O"), Mad-ison av & 41st, New York

King Walter E. Co. ("King"), 115 W 3d, Cincinnati, O.

Leadite Co. ("Leadite"), Land Title bldg, Phila., Pa.

Marbleoid Co. ("Jointite"), 47 W 34th, New York

Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.

Thread-Tight Co. ("Thread Tight"), 288 Bowery, New York

United States Graphite Co., Saginaw, Mich.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Wolverine Brass Works, Grand Rapids, Mich.

2945—Compounds (Platers' & Pol-ishers')

See also Composition, Buffing

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.

Northwestern Chemical Co., Marietta, O.

Oakley Chemical Co. ("Oakite" for Clean-ing Metal Products for Plating & Japanning, Lacquering, etc), 22 Thames, New York

Royal Chemical Co. ("Royal" for Clean-ing Metals, etc), Phenix, R. I.

Swan & Finch Co., 165 B'way, New York

Union Polish Co., 80 Barclay, New York

Zucker Geo. Co. ("Acme Brand"), 202 Emmett, Newark, N. J.

Compounds (Pothead)

See Compounds, Cable

Compounds (Rope)

See Dressing, Rope

2946—Compounds (Rust Proofing)

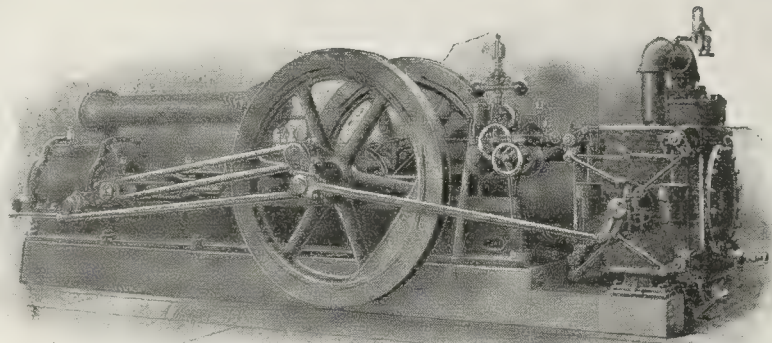
Compound Specialty Co. ("Never Rust" for Tools, Typewriters, Bicycles, Knives, Shears, Lawn Mowers, etc), Long Island City, N. Y.

2947—Compounds (Sewer Joint)

Atlas Co., Lincoln, N. J.
Lamson John S. & Bro., 80 Maiden Lane, New York
Merritt Hydraulics Co. ("G-K" Com-pound), 110 N Broad, Phila., Pa.

THE NORWALK IRON WORKS CO.

SOUTH NORWALK, CONN.



BUILDERS OF

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For Operating Rock Drills,
Coal Mining Machines,
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GAS COMPRESSORS—ACETYLENE, OXYGEN, HYDROGEN CO₂ AND FOR EVERY APPROPRIATE PURPOSE.

2948—Compounds (Splicing)

Dunton W. W. Co. ("4"), 150 Niagara, Providence, R. I.
Johns H. W.-Manville Co. ("J-M Alpha" Rubber), Madison av & 41st, New York
Standard Woven Fabric Co. ("Multibestos"), Walpole, Mass.

2949—Compounds (Spraying)

Pratt B. G. Co. ("Scalecide," a Petroleum Oil Soap), 50 Church, New York

2950—Compounds (Sweeping)

ALCATRAZ CO. INC. ("Ko-Ko-No Dust"), 3200 Williamsburg av, Richmond, Va.
Anti-Dust Chemical Co. ("Anti-Dust"), 1001 Water, Denver, Colo.
Carpenter W. D. Co., Syracuse, N. Y.
Cedar-Sweep Co. ("Cedar-Sweep," "No-moredust"), Los Angeles, Cal.
Chapman Mfg. Co. ("Orange Cedar"), Ashland, O.
Chemical Supply Co., 9420 Meach av, Cleveland, O.
Cleveland Dustout Co., 2100 E 55th, Cleveland, O.
Climax-Western Oil Co. ("No More Dust"), 2824 10th av, S Minneapolis, Minn.
Continental Mfg. Co. ("Dustoline"), Indianapolis, Ind.
Cortland Specialty Co. ("Banner"), 174 Railroad, Cortland, N. Y.
Cotto Waxo Co., 116 N Commercial, St. Louis, Mo.
Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Day Bergwall Co. ("Anti-Dust"), 121 Buffalo, Milwaukee, Wis.
Dolge C. B. Co., Westport, Conn.
Fitch Dustdown Co. ("Dustdown"), 1028-36 W Front, Cincinnati, O.
Herne J. F. Co. ("Dust Doom"), Sanford, Boston, Mass.
Hoag Duster Co. ("Iowa"), Monticello, Ia.
Jewel Mfg. Co. ("Jewel"), 2863 W 22d, Chicago, Ill.
Kildust Co., Rome, Ga.
Masury-Young Co. ("Nodusto"), 196 Milk, Boston, Mass.
National Dust Dawn Co. ("No-Dust-O"), 102 N 1st, Brooklyn, N. Y.
Nicholas L. V. Oil Co., Omaha, Neb.
Peabody Anti-Dust Co. ("Anti-Dust"), Peabody, Mass.
Pike-Gillette Corp., Syracuse, N. Y.
Pioneer Mfg. Co. ("Wehes," Dust Absorbent Powder), E 103d & Harvard, Cleveland, O.
Pure Oil Co., 1st & 13th av S, Minneapolis, Minn.
Smith E. A. Hamilton, Ohio
Standard Chemical Co. ("Cedar-Waxine," "Cedar-Fluff"), Houston, Tex.
State Oil Co., Lincoln, Neb.
Velvetta Mfg. Co. ("Dustine"), 142 N 4th, Philadelphia, Pa.
West Disinfecting Co. ("Sweepine," "Camphene"), 12 E 42nd, New York

Compounds (Tempering)

See Compounds, Case Hardening & Tempering

2951—Compounds (Valve Grinding)

Acme Compound Mfg. Co., 102 N 5th av, Chicago, Ill.
Auto Equipment Co., East Orange, N. J.
Carborundum Company, Niagara Falls, N. Y.
Gray Specialty Co. ("Gray's"), 148 Avon av, Newark, N. J.
Hall-Thompson Co. ("Wonder Worker" & "Quick Kut"), Hartford, Conn.
Hammett H. G. ("Trojan"), Troy, N. Y.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Lightning Mfg. Co. ("Lightning"), Cornish Flat, N. H.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. See adv index at end of book
Motor Car Equipment Co. ("P. D. Q."), 19 W 62d, New York
Noonan A. S. Tool & Machine Works, Rome, N. Y.
Northwestern Chemical Co. ("Pioneer"), Marietta, O.
Norton Co. ("Norton"), Worcester, Mass.
S. B. R. Specialty Co. ("Rapidcut"), East Orange, N. J.
Stewart & Co. ("Gryndyn"), 171 B'way, New York
White & Bagley Co. ("Economy"), Worcester, Mass.

2952—Compounds (Welding)

See also Compounds, Brazing
Anti-Borax Compound Co. ("E-Z," "Crescent"), Fort Wayne, Ind.
Century Tool & Metal Co. ("Delmas"), 180 N Market, Chicago, Ill.
Corliss Mfg. & Supply Co. (Jobbers), 1906 Olive, St. Louis, Mo.
Cortland Specialty Co. ("Anchor," "Banner" & "Excelsior"), Cortland, N. Y.
Cortland Welding Compound Co. ("Climax" & "Borax-Ettee"), 174 Railroad, Cortland, N. Y.
Doxey N. D. ("Anchor"), Elmira, N. Y.
Morey Flux & Chemical Co. ("Morey"), Parkersburg, Pa.
Perfection Welding Compound Co. ("Perfection"), Scranton, Pa.
Phillips-Laffitte Co. ("Laffitte"), Penna bldg., Philadelphia, Pa.
So-Luminum Mfg. & Engng. Co. ("So-Luminum"), 1790 B'way, New York
Weldarline Mfg. Co., Topeka, Kans.
WESTINGHOUSE ELECTRIC & MFG. CO. ("Weldwell"), Pittsburgh, Pa.
See adv index at end of book

2953—*Compressors (Acetylene)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
NORWALK IRON WORKS CO. ("Norwalk"), South Norwalk, Conn.
See adv index at end of book

2954—Compressors (Air)

ALABAMA.

BIRMINGHAM—Hardie-Tynes Mfg. Co.
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss Gas Engine & Steam Driven), American Trust bldg
See adv index at end of book

ALASKA.

JUNEAU—**INGERSOLL-RAND CO.** (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine & Oil Engine Driven Turbo Blowers & Compressors)
See adv index at end of book

CALIFORNIA.

LOS ANGELES—Ingersoll-Rand Co., (of Cal.), (Steam, Belt, Electric, Corliss, Gas Engine & Oil Engine Driven, Turbo Blowers & Compressors), 1036 Union Oil bldg
See adv index at end of book

SAN FRANCISCO—**CHICAGO PNEUMATIC TOOL CO.**, 71 First
See adv index at end of book

Clot & Crist Machine Co., 940 Bryant
Compressed Air Power Co., 110 Jessie
Compressed Air & General Machinery Co., 39 Stevenson
Dow Pump & Diesel Engine Co. ("Giant"), 417 Market
Fairbanks, Morse & Co., 651 Mission
General Machinery & Supply Co., 39 Stevenson
Hendy Joshua Iron Works, 75 Fremont

INGERSOLL-RAND CO. (of Cal.), (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven, Turbo Blowers & Compressors), 139 Townsend
See adv index at end of book
National Brake & Electric Co., Pacific bldg
Rix Compressed Air & Drill Co., 505 Howard

Sullivan Machinery Co., Sheldon bldg
Westinghouse Pacific Coast Brake Co., Pacific bldg
Witt G. E. Co. (Belt Driver for Low Pressure Heating Plants), 862 Howard

COLORADO.

DENVER—Denver Hydro Co. (Gasoline, Oil & Petroleum), 1520 Elizabeth
Stearns-Roger Mfg. Co.
LITTLETON—Leyner J. Geo. Engineering Works Co. ("Leyner" Belt, Steam, Electric, Water Power, etc)

CONNECTICUT.

HARTFORD—Hartford Machine Screw Co. ("Master" Electric Driven)
SOUTH NORWALK—Nash Engineering Co. (Hydro-Turbine)
NORWALK IRON WORKS CO. ("Norwalk" Air & Gas Compressors)
See adv index at end of book

ILLINOIS.

CHICAGO—Boland Machinery Co., 552 W Van Buren
Carpenter Geo. B. & Co., 440 Wells

INGERSOLL-RAND COMPANY

11 Broadway, New York

165 Q. Victoria St., London

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PNEUMATIC MACHINERY

AIR AND GAS COMPRESSORS

"Ingersoll-Rogler" and "Imperial," Steam, Power, Gas, Oil and Electric Driven, all types, capacities, pressures.

TURBO BLOWERS AND COMPRESSORS

Steam Turbine and Electric Driven. Pressures 1-100 lbs., capacities 3000-60000 cu. ft.

DRY VACUUM PUMPS

"Ingersoll-Rogler" Straight Line and "Imperial" Duplex. Capacities 292-7058 cu. ft.

STEAM CONDENSING PLANTS

Beyer Barometric Counter-Current Type. For all service conditions.

PNEUMATIC TOOLS

"Little David" Riveting, Chipping, Calking and Scaling Hammers, "Little David" Drills, Flue Rollers and Grinders, "Imperial" Air Motors and Motor Hoists, "Crown" Sand Rammers, "Little David" Core Breakers.

ROCK DRILLING MACHINERY

"Jackhamers" and Mounted "Jackhamers," "Leyner-Ingersoll" Water Drills, "Stopehamers," "Invincible" Plug Drills, "Electric-Air" Drills, "Butterfly" Drills, Deep Hole Wagon Drills, Submarine Drills—"A Drill for Every Rock Cutting Duty"—"Leyner" Drill Sharpeners and Oil Furnaces.

CORE DRILLS

"Calyx" Diamondless Core Drills for all depths to 4,000 feet.

COAL MINING MACHINERY

"Radialaxe" and "Electric-Air Radialaxe" Shearing and Undercutting Machines, "New Ingersoll" Undercutters.

QUARRYING MACHINERY

"Monitor," "Ram" and "Electric-Air" Stone and Marble Channelers, "Broncho" Bar Channelers.

AIR LIFT PUMPING SYSTEMS

"Imperial" Air Lift, "Return Air" and Displacement Pumps, Air Lift Boosters.

WRITE FOR BOOKLET DESCRIBING ANY PRODUCT

For List of Branch Offices See Advertisers' Index at End of Book

85-M

CHICAGO PNEUMATIC TOOL CO.

("Chicago Pneumatic"), Fisher bldg See adv index at end of book
Economy Pumping Machy. Co. (Electric Driven), 116 N Carpenter
Fairbanks, Morse & Co., 900 S Wabash av

INGERSOLL-RAND CO. (of Illinois), (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Peoples Gas bldg
See adv index at end of book

Janette Mfg. Co., 617 W Jackson blvd
Kroeschell Bros. Ice Machine Co., 472 W Erie

Victor Electric Co., Jackson blvd & Robey

Weir & Craig Mfg. Co., 2421 Wallace
Yeomans Bros. Co. (Rotary), 231 Institute pl

Zin-ho Mfg. Co. (Portable), 1323 S Michigan av

QUINCY—Gardner Governor Co. (Belt & Motor Driven & Steam Actuated), 14 Williamson

ROCKFORD—Trahern Pump Co.

INDIANA.

ANDERSON—Arvac Mfg. Co.
FORT WAYNE—Ft. Wayne Engineering & Mfg. Co. ("Paul," 2 to 30 Cu Ft)

GOSHEN—Hoosier Motor Co. (Up to 5½)

INDIANAPOLIS—Dean Bros. Steam Pump Works, 327 W 10th

Lyons Atlas Co. (Gasoline Driven)
RICHMOND—Spacke F. W. Machine Co. (Small)

Standard Pattern & Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co., Central av & Washington

KENTUCKY.

LOUISVILLE—National Foundry & Machine Co.

MARYLAND.

BALTIMORE—American Compressor & Pump Co., 801 E Pratt

MASSACHUSETTS.

BOSTON—CHICAGO PNEUMATIC TOOL CO., 185 Pleasant

See adv index at end of book

INGERSOLL-SERGEANT DRILL CO.

(Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), 32 Oliver

See adv index at end of book

Jager Chas. J. Co. ("Mason-Jaeger"), 15 Custom House

Kinney Mfg. Co. (Belt, Chain & Gasoline Engine Driven), 3541 Washington

Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath

CAMBRIDGE—Dyar Supply Co. ("Dyar" Portable. See adv index at end of book)

MICHIGAN.

BATTLE CREEK—American Steam Pump Co. (Steam & Power)

Globe Mfg. Co. ("Dead Easy")

Union Steam Pump Co. ("Union")

DETROIT—CHICAGO PNEUMATIC TOOL CO., 2nd av & Amsterdam
See adv index at end of book
 Great Lakes Engineering Works (Vertical Compound High Duty)
Superior Machine & Engineering Co. ("Yale")
LANSING—Gifford Engine Co. ("Gifford" Motor & Belt Driven)
 Novo Engine Co.

MINNESOTA.

DULUTH—Imperial Iron Works (Steam & Electric)
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven)
See adv index at end of book

MISSOURI.

KANSAS CITY—Faultless Engine Co., 1511 Cypress av
ST. LOUIS—CHICAGO PNEUMATIC TOOL CO., 819 Hempstead
See adv index at end of book
 Curtis & Co. Mfg. Co. (Water Cooled & Air Cooled, Automatic Vertical Type, Belt & Electric Driven, Stationary or Portable), 1571 Kienlen av
INGERSOLL-RAND DRILL CO. (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Drive, Turbo Blowers & Compressors), 300 N Broadway
 Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs
 Whitman Agricultural Co. (Water Cooled), 7000 S B'way

MONTANA.

BUTTE—INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), 109 E Broadway
See adv index at end of book

NEBRASKA.

OMAHA—Sunderland Machinery & Supply Co.

NEW JERSEY.

EAST TRENTON—DE LAVAL STEAM TURBINE CO. (Turbine Driven)
See adv index at end of book
NEWARK—Eclipse Air Brush Co. (Small), 79 Orange

NEW YORK.

BUFFALO—BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av
See adv index at end of book
CHICAGO PNEUMATIC TOOL CO., Ellicott Sq. bldg.
See adv index at end of book

PATENTS

Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the *Scientific American*.

Munn & Co., 699 Woolworth Bldg., N. Y.
 Washington Office: 625 F Street, Washington, D. C.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—American Air Compressor Works ("Fairhurst"), 551 Hamilton av
 Crowell Mfg. Co. ("Crowell"), 296 Taaffe pl
 Davidson M. T. Co., 43 Keap
 Foster Pump Works, 36 Bridge
 Guild & Garrison, 457 Kent av

Boroughs of Manhattan and Bronx.

NEW YORK—ABBE ENGINEERING CO., Co., 220 B'way
See adv index at end of book
 Alberger Pump & Condenser Co., 140 Cedar

BEACH-RUSS CO., 220 B'way
See adv index at end of book

Caldwell H. S., 431 W 84th
INGERSOLL-RAND CO. (Steam, Belt, Electric, Corliss, Gas Engine, Gasoline Engine, Oil Engine & Steam Driven, Portable, Air Pumping, Turbo Blowers & Compressors), 11 B'way
See adv index at end of book
 Neumeyer & Dimond ("Demag" Imp), 82 Beaver
 Rateau Battu Smoot Co., 90 West
 Worthington Pump & Machy. Corp., 115 B'way

(End of New York City)

ROCHESTER—Ritttr Dental Mfg. Co. ("Columbia" Automatic)
UTICA—Brunner Mfg. Co. ("Brunner"; Also Air Compressor Fittings)

OHIO.

CANTON—Arctic Ice Machine Co.
CINCINNATI—Johnston Wm. T. Co., 3d & Vine
 Lane & Bodley Co., Tennessee av & Paddock rd
CLEVELAND—CHICAGO PNEUMATIC TOOL CO., E 49th & Lakeside
See adv index at end of book
INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Williamson bldg
See adv index at end of book
 United States Air Compressor Co., Carnegie av, Cleveland, O.

COLUMBUS—Weinman Pump Mfg. Co. (Small), 300 Spruce

HAMILTON—HOOVEN, OWENS, RENT-SCHLER CO.

See adv index at end of book

SALEM—DEMING CO.

See adv index at end of book

TOLEDO—A. F. S. Machine Co., 531 S St. Clair

De Vilbiss Mfg. Co. ("Aeron" Small)

UPPER SANDUSKY—National Steam Pump Co. ("National")

WILMINGTON—Auto Compressor Co.

PENNSYLVANIA.

BRADFORD—Caldwell E. R. & Co. (Air Cooled)
 Blaisdell Machinery Co. (All Types)
 Combination Engine & Compressor Co.

CHAMBERSBURG—Quincy Engine Co.

CHESTER—Wetherhill R. & Co.

CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.

ERIE—Bury Compressor Co. (Steam, Belt & Electrically Driven)

Nagle Corliss Engine Works (Steam, Belt, Corliss & Electric Driven; also Portable Steam Driven, Garage, etc)

MECHANICSBURG—Comstock Geo. S. & Son ("Comstock," Belted & Motor Driven, 3 to 90 Cubic Feet)

PHILADELPHIA—CHICAGO PNEUMATIC TOOL CO., 1742 Market

Cox & Sons Co., 5th & Chestnut

INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven, Turbo Blowers & Compressors), Commercial Trust bldg
See adv index at end of book

Paxson J. N. Co., 1021 N Delaware av

Schramm Chris. D. & Son (Single Acting, Single Stage & Single Cylinder), 308 N 4th

Southwark Foundry & Machine Co. ("Southwark-Harris"), 430 Washington av

PITTSBURGH—American Electric Air Pump Co.

CHICAGO PNEUMATIC TOOL CO., 12 Wood

See adv index at end of book
 Hall Steam Pump Co., 213 Galveston, North Side

INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), Farmer's Bank bldg

See adv index at end of book

AIR COMPRESSORS

Gas Engine, Steam Engine or Motor Driven

Equipped with Mesta Automatic Plate Valves

(IVERSEN PATENT)

(Write for Bulletin N)

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

Tranter Mfg. Co. ("Tranter"), 105 Water

WESTINGHOUSE AIR BRAKE CO. (Steam)

WESTINGHOUSE TRACTION BRAKE CO. (Motor & Belt Driven)

Wilson-Snyder Mfg. Co., 2 Ross

SCRANTON—ALLIS-CHALMERS CO. ("Reynolds" Belted Steam, etc)

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INGERSOLL-RAND CO. (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine & Steam Driven, Turbo Blowers & Compressors), Dime Savings Bank bldg

See adv index at end of book

WARREN—Jacobson Machine Mfg. Co. (Hand)

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Foundry Co.

TEXAS.

EL PASO—INGERSOLL-RAND CO. (of Texas) (of New York City) (Steam, Belt, Electric, Corliss, Gas Engine, Oil Engine & Steam Driven Turbo Blowers & Compressors), 121 San Francisco
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VERMONT.

WESTMINSTER STATION—Abenague Machine Works (Gas & Gasoline Driven, Portable or Wheels)

WASHINGTON.

SEATTLE—CHICAGO PNEUMATIC TOOL CO., 122 King

See adv index at end of book

INGERSOLL-RAND CO. (of New York) (Steam, Belt, Electric, Corliss, Gasoline, Oil Engine & Steam Driven Turbo Blowers & Compressors), Colman bldg

See adv index at end of book

Nat'l Engng. & Equipment Co. ("Hydraulic")

WISCONSIN.

MILWAUKEE—ALLIS-CHALMERS MFG. CO. ("Reynolds," Belted, Steam, Hydraulic & Electric)

See adv index at end of book

Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.

Filler & Stowell Co. (850 cu ft & Larger), 219 Becher

National Brake & Electric Co., ft Bellevue pl

2955—Compressors (Air, Portable)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.

Abenague Machine Works (Gasoline), Westminster Station, Vt.

ALLIS-CHALMERS MFG. CO. ("Reynolds," Motor Driven), Milwaukee, Wis. *See adv index at end of book*

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.

See adv index at end of book

Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

DYAR PORTABLE AIR COMPRESSOR

10 WESTINGHOUSE CROSS COMPOUND

MASS. STANDARD AIR TANK & BOILER

30 H.P. 125 LB. PRESSURE

Dyar Supply Co., Cambridge, Mass.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
National Brake & Electric Co., ft Bellevue pl, Milwaukee, Wis.
Neumeyer & Dimond ("Demag," Imp), 82 Beaver, New York
Quincy Engine Co., Chambersburg, Pa.
Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
Sullivan Machinery Co. (Mounted on a Truck & Driven by Gasoline Engine), People's Gas bldg, Chicago, Ill.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2956—Compressors (Ammonia)

ALLIS-CHALMERS MFG. CO. ("Reynolds"), Milwaukee, Wis. *See adv index at end of book*
Arctic Ice Machine Co., Canton, O.
Bouchard Jno. & Sons Co., Nashville, Tenn.
Creamery Package Mfg. Co. ("De Kalb"), 61 W Kinzie, Chicago, Ill.
De La Vergne Machine Co. ("De La Vergne"), ft E 138th, New York
Great Lakes Engineering Works, Detroit, Mich.
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.
Huetteman & Cramer Co., Mack & Beaufait, Detroit, Mich.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Triumph Ice Machine Co., Oakley, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
Worthington Pump & Machy. Corp., 115 B'way, New York

2956a—*Compressors (Carbonic Acid Gas)

NORWALK IRON WORKS CO. ("Norwalk"), South Norwalk, Conn. *See adv index at end of book*

2957—Compressors (Centrifugal)

DE LAVAL STEAM TURBINE CO. (Turbine & Motor Driven), East Trenton, N. J. *See adv index at end of book*
Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*

2958—*Compressors (Corliss)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, Ohio *See adv index at end of book*
INGERSOLL-RAND CO. (Steam Driven), 11 B'way, New York *See adv index at end of book*

2959—Compressors (Corn Shock)

Hall Mfg. Co., Monticello, Ia.
Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
Tie Co., Unadilla, N. Y.

2959a—Compressors (Fuel Oil)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*

2960—*Compressors (Garage)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Denver Hydro Co. (Hydraulic Automatic), 1520 Elizabeth, Denver, Colo.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

2961—Compressors (Gas)

Abenague Machine Works ("Abenague" Portable on Wheels), Westminster Station, Vt.
ALLIS-CHALMERS MFG. CO. ("Reynolds"), Milwaukee, Wis. *See adv index at end of book*

American Compressor & Pump Co., 801 E Pratt, Baltimore, Md.
Blaisdell Machinery Co., Bradford, Pa.
Bury Compressor Co. (Gas & Gasoline), Erie, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Crowell Mfg. Co., 296 Taaffe pl, Brooklyn N. Y.
Hall Steam Pump Co., 213 Galveston, N S, Pittsburgh, Pa.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
INGERSOLL-RAND CO. (Gas Engine Driven), 11 B'way, New York *See adv index at end of book*
Kroeschell Bros. Co., 472 W Erie, Chicago, Ill.
Lane & Bodley Co. (& Air), Tennessee av & Paddock rd, Cincinnati, O.
Mesta Machine Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
Nash Engineering Co., South Norwalk, Conn.
National Brake & Electric Co., ft Bellevue pl, Milwaukee, Wis.
Nordberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
NORWALK IRON WORKS CO. (Acetylene, Hydrogen & Oxygen), South Norwalk, Conn. *See adv index at end of book*
Selas Co., 521 W 23d, New York
Spang & Co., Butler, Pa.
Worthington Pump & Machy. Corp. (For Acetylene, Carbonic Acid, Coal, Natural and Oxygen Gas), 115 B'way, New York
Young E. R. & Sons, Titusville, Pa.

2962—Compressors (Gasoline)

Abenague Machine Works (Portable on Truck), Westminster Station, Vt.
Bury Compressor Co., Erie, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. *See adv index at end of book*
Curtis & Co. Mfg. Co. (Portable on Truck & Stationary Gasoline Driven), 1571 Kienlen av, St. Louis, Mo.
Denver Hydro Co. (Air), 1520 Elizabeth, Denver, Col.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Lyons-Atlas Co. (Gasoline Driven), Indianapolis, Ind.
Quincy Engine Co., Chambersburg, Pa.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2963—*Compressors (Gasoline Extration)

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

2964—Compressors (Hydraulic, for Web or T Rails, Etc.)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill. *See adv index at end of book*

2965—Compressors (Hydro - Turbine)

Nash Engineering Co., So Norwalk, Conn

2966—*Compressors (Low Pressure)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

2967—*Compressors (Mine Car)

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

2968—Compressors (Motor Driven)

A. F. S. Machine Co., 531 S St. Clair, Toledo, O.
Bury Compressor Co., Erie, Pa.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
Sullivan Machinery Co. (On Mine Truck, etc), People's Gas bldg, Chicago, Ill.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

2969—*Compressors (Oil Engine Driven)

Ingersoll-Rand Co., 11 B'way New York *See adv index at end of book*

2970—Compressors (Oxygen & Hydrogen Gas)

Busch J. C. Co. (For Welding Plants), 140 Ferry, Milwaukee, Wis.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
International Oxygen Co., 115 B'way, New York
NORWALK IRON WORKS CO. ("Norwalk"), South Norwalk, Conn. *See adv index at end of book*

2971—Compressors (Spraying)

Bury Compressor Co., Erie, Pa.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Gardner Governor Co., 14 Williamson, Quincy, Ill.

2972—*Compressors (Turbo)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

2973—Compressors (Water Jet, Air)

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Comptometers

See Adding Machines

2974—Concentrates

Beer, Sondheimer & Co., 61 B'way, New York

MICHIGAN SMELTING & REFINING CO

(Copper), 1695 Jos. Campau, Detroit, Mich.

2975—Concentrators

American Zinc, Lead & Smelting Co. (Lead & Zinc), Caney, Kans.
United Iron Works Co., Springfield, Mo.

2976—Concentrators (Ammonia)

Gas Machinery Co., 1900 Euclid av, Cleveland, O.
Michigan Ammonia Works, ft Meldrum av, Detroit, Mich.

2977—Concentrators (Ore)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Buchanan C. G. Co., 90 West, New York
Colorado Iron Works Co. ("Simplex," "A. & E."), Denver, Colo.
Davis F. M. Iron Works Co., Denver, Colo.
Deister Concentrator Co. ("Deister"), Fort Wayne, Ind.
Deister Machine Co., Fort Wayne, Ind.
Denver Engineering Works Co., Denver, Colo.
Eccleston Machinery Co., Los Angeles, Cal.
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Huff Electrostatic Separator Co. ("Huff," Electrostatic), 60 India, Boston, Mass.
International Concentrator Co. (Dry), 149 B'way, New York
James Ore Concentrator Co., 35 Runyon, Newark, N. J.
Knoxville Foundry & Machine Co. (For Low Crude Oil), Knoxville, Tenn.
Krom Machine Works ("Krom" Universal Dry Ore), 170 B'way, New York;
Works: Jersey City, N. J.
Llewellyn Iron Works ("New Standard"), Los Angeles, Cal.
McFarlane Peter & Sons Iron Works Co. ("Bumper"), Denver, Colo.
Mashek Engineering Co., 90 West, New York
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co. ("Wilfley"), 42 B'way, New York
Portage Lake Foundry & Machine Co., Hancock, Mich.
Salt Lake Engng. Works, Salt Lake City, Utah
Senn Concentrator Co., First Nat'l Bank bldg, San Francisco, Cal.
Sutton, Steel & Steel ("S. S. & S."), Dry, Dallas, Tex.

Ticonderoga Machine Works (Pneumatic), Ticonderoga, N. Y.
 Traylor Engng. & Mfg. Co., Allentown, Pa.
 Union Iron Works Co. ("Craven," "Risdon-Johnston"), 20th & Michigan, San Francisco, Cal.
 United Iron Works Co. ("Ford" Complete Plants for Lead & Zinc Ores, etc), Springfield, Mo.
 Webb City & Carterville Foundry & Machine Works, Webb City, Mo.
 Western Iron Works, Butte, Mont.
 Woodbury Geo. E. ("New Woodbury"), 238 Townsend, San Francisco, Cal.
 Worthington Pump & Machy. Corp., 115 B'way, New York

2978—*Concentrators (Overstrom)
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

2979— Concrete Binder

Corrugated Bar Co., Buffalo, N. Y.
 Eastern Expanded Metal Co., 201 Devonshire, Boston, Mass.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
 See adv index at end of book

2980—Concrete Block Machinery

See Cement Brick Machines, also Concrete Building Block Machinery

2981-2— Concrete (Bond)

Living-Stone Co. ("Living-Stone"), Law bldg, Baltimore, Md.
 Ransome Concrete Machinery Co. ("Ransomite"), Dunellen, N. J.

Concrete Construction

See Concrete Steel Construction, Reinforced; also Contractors, General

2983—Concrete Curb (Steel Bound)

Clip Bar Mfg. Co. ("Clip-Bar" Galvanized Curb Guard & Reinforcement), 26th & Penna., Phila., Pa.
 Concrete Steel Co., 42 B'way, New York
 Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
 Steel Protected Concrete Co. ("The Wainwright"), Real Estate Trust bldg, Phila., Pa.

2984—*Concrete Distributing Plants
LAKEWOOD ENGINEERING CO., Cleveland, O. See adv index at end of book

2985—Concrete Floors & Arches

See also Concrete Steel Construction, Reinforced; also Fireproofing, Various Systems
 American Concrete Steel Co., Union bldg, Newark, N. J.
 Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.
 Asbestos Protected Metal Co., Beaver Falls, Pa.
 Barber Asphalt Paving Co. ("Bromley" System), Woolworth bldg, New York
 Blome-Sinck Co., 139 N Clark, Chicago, Ill.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Flat Slab Patents Co., 332 S Michigan av, Chicago, Ill.
 Gollick & Smith, 162 E 23d, New York
 Klotz A. E. Fireproofing Co., 27 E 137th, New York
 Monsted A. Co., Milwaukee, Wis.
 National Concrete Fire-Proofing Co., Citizens bldg, Cleveland, O.
 Standard Concrete Steel Co., 413 E 31st, New York
 Stevens Iron Works & Fireproofing Co., 4300 Perkins av N E, Cleveland, O.
 Turner Construction Co. ("Ransome" System), 11 B'way, New York
 Wood-Mosaic Co. (Steel Woven Wood Block, Concrete Floors), New Albany, Ind.

2986— Concrete Forms

See also Centering, Steel; also Forms, Curb & Sidewalk
 American Bridge Co., 30 Church, New York
 American Cement Machine Co., Keokuk, Ia.
 American Metal Form Co. ("American"), 343 S Dearborn, Chicago, Ill.

Fouts C. C. Co., 650 Woodlawn av, Mid-dletown, O.
 Ford Meter Box Co. (For Water Works), Wabash, Ind.
 Heltzel Steel Form & Iron Co., Warren, Ohio
 Hydraulic Pressed Steel Co. (Steel), 3152 E 61st, Cleveland, O.
 McCoy Silo Form Co. (Silo Forms), Bake-well bldg, Pittsburg, Pa.
 Merillat Culvert Core Co. (Adjustable, Collapsible, etc), Winfield, Ia.
 Overturf C. W. (Overturf Collapsible Culvert Mold), Dumont, Ia.
 Reichert Mfg. Co. (Metal), 1440 Booth, Milwaukee, Wis.
 Witherow Steel Co., Keystone bldg, Pittsburg, Pa.

Concrete Forms (Collapsible)

See Centering, Steel

2987—Concrete Hanger Supports

Racky Albert C. ("Hollo"), 531 S 5th av, Chicago, Ill.

2988— Concrete Inserts

Concrete Steel Co. ("Reliance"), 42 B'way, New York
 Dayton Malleable Iron Co. ("Bigelow," "Dayton"), Dayton, O.
DIAMOND EXPANSION BOLT CO. ("Diamond"), 87 West, New York
 See adv index at end of book
 Donley Bros. Co., E 74th cor Aetna road, Cleveland, O.
 Duplex Hanger Co. (Shaft & Rope Hanger), E 53d & Lakeside av, Cleveland, O.
 Farwell, Ozmun, Kirk & Co. ("Bigelow" Adjustable), 2d & Jackson, St. Paul, Minn.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Philadelphia Expansion Bolt Co. ("Monarch"), 124 North 6th, Phila., Pa.
 Richmond Screw Anchor Co., 61 Park Row, New York
 Rockwood Sprinkler Co. ("R. S. Co." Adjustable), Worcester, Mass.
 Security Insert Co. ("Security"), 33d & Arch, Phila., Pa.
STAR EXPANSION BOLT CO. ("Sebco"), 147 Cedar, New York
 Trussed Concrete Steel Co. ("Trus-Con" Pressed Steel Slotted, "Trus-Con" "National," "Kahn" Adjustable), Youngstown, O.

2989-90—Concrete Mixers

Acme Road Machinery Co., Frankfort, N. Y.
 Albany Hardware Specialty Mfg Co. ("Albany"), Albany, Wis.
 American Cement Machine Co. ("Steel King," "Little Boss"), Keokuk, Ia.
 Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.
 Archer Iron Works, 2436 W 34th pl, Chicago, Ill.
 Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.
 Atlas Engineering Co., 3009 Lisbon av, Milwaukee, Wis.
 Automatic Concrete Mixer Co. ("Haines-Weaver"), 44 Whitehall, New York
 Badger Concrete Mixer Co. ("Badger"), First Nat. Bk. bldg, Milwaukee, Wis.
 Baird Machinery Co. (Dealers), 123 Water, Pittsburgh, Pa.
 Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.
 Biehl Iron Work Inc., Reading, Pa.
 Blystone Mfg. Co. ("Blystone," Batch), Cambridge Springs, Pa.
 Bolte Mfg. Co. ("Bolte"), Kearney, Neb.
 Buckeye Engine & Foundry Co. ("Buckeye"), Joliet, Ill.
 Buffalo Concrete Mixer Co. (Automatic), Buffalo, N. Y.
 Cement Machinery Co. ("Systematic"), Jackson, Mich.
 Cement Tile Machinery Co. ("S. S. Line"), Waterloo, Ia.
 Chain Belt Co. ("Chain Belt"), Milwaukee, Wis.
 Chicago Builders' Specialties Co. ("Little Devil"), 11 S La Salle, Chicago, Ill.
 Clarke F. H. Mfg. Co., 10719 Superior av, Cleveland, O.
 Clover Leaf Machine Co., 1721 So Franklin, South Bend, Ind.
 Colorado Concrete Mixer Co. ("Colorado"), Denver, Colo.

Cream City Boiler Co., 37th av & Lap-ham, Milwaukee, Wis.
 Cropp A. J. & Co. ("Cropp"), 1721 W Grand, Chicago, Ill.
 Cummings Machine Co. (Batch), Minster, Ohio
 Davis Norris K. Machine Wks, 400 7th, San Francisco, Cal.
 Demorest Mfg. Co. ("New State," Hand & Power), Enid, Okla.
 Dunn W. E. Mfg. Co., 4138 Fillmore, Chicago, Ill.

**BUILDING MIXERS
 AND STREET PAVING MIXERS
 DYAR SUPPLY CO., CAMBRIDGE, MASS.**

Elite Mfg. Co. (Low Down Forced Feed), Ashland, O.
 Eureka Machine Co. ("Eureka"), Lansing, Mich.
 Excelsior Mixer & Machinery Co. ("Excelsior"), Milwaukee, Wis.
 Famous Mfg. Co., East Chicago, Ind.
 Farmers' Cement Tile Machine Co. (Batch Mixers), St. Johns, Mich.
 Foote Concrete Machy. Co. (Road Paving), 110 S La Salle, Chicago, Ill.
 Foote C. Mfg. Co. ("Foote" Batch), Nunda, N. Y.
 Frank Mfg. Co., Des Moines, Ia.
 Gauntt F. G. Mfg. Co., Fort Wayne, Ind.
 Green Machinery & Mfg. Co., Dayton, O., & Salt Lake City, Utah.
 Hall-Holmes Mfr. Co. ("Grand," "Hartwick"), Jackson, Mich.
 Huntington Mach. & Fdry Co., Huntington, Ind.
 Ideal Concrete Machinery Co. ("Ideal" & "Cincinnati"), 1346 Monmouth av, Cincinnati, O.
 Iowa Fdry & Mfg. Co. (Batch Mixer), Fort Dodge, Ia.
 Jaeger Machine Co. ("Big-an-Little" Batch), 216 So Rich, Columbus, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book
 Kent Machine Co. ("Kent," Continuous), Kent, O.
 Knickerbocker Co. ("Coltrin"), Jackson, Mich.
 Koehring Machine Co. ("Koehring"), Milwaukee, Wis.
LAKEWOOD ENGINEERING CO. ("Lakewood," "Milwaukee" & "Wisconsin"), Cleveland, O. See adv index at end of book
 Lansing Co. ("Broncho" & "Northwestern" Batch, "Advance," "1913," "Lansing" Continuous), Lansing, Mich.
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Marsh-Capron Mfg. Co. ("M-C" Rail Track Mixers), Lumber Exchange, Chicago, Ill.
 Miles Mfg. Co. ("Simplex"), Jackson, Mich.
 Milwaukee Concrete Mixer Co. ("Wisconsin" & "Milwaukee"), 955 30th, Milwaukee, Wis.
 Municipal Engineering & Contracting Co. ("Austin" Improved Cube), Railway Exchange bldg, Chicago, Ill.
 Northfield Iron Co. ("Northfield"), Northfield, Minn.
 Northwestern Steel & Iron Works, Eau Claire, Wis.
 Oshkosh Mfg. Co. ("Oshkosh"), Oshkosh, Wis.
 Overturf C. W., Dumont, Ia.
 Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
 Raber & Lang Mfg. Co. ("Crescent" Continuous, "Bull Dog" Batch), Kendallville, Ind.
 Ransome Concrete Machinery Co. (Power & Gravity), Dunellen, N. J.
 Rapid Mixer Co. ("Rapid" Portable Heater Mixer), Grand Rapids, Mich.
 Schaefer Mfg. Co., Berlin, Wis.
 Sheldon Mfg. Co., Nehawka, Neb.
 Silo Specialty Mfg. Co., Clinton, Ia.
 Sioux City Engine & Machinery Co. ("McCracken"), Sioux City, Ia.
SMITH T. L. CO., THE ("Smith" Tilting and "Smith-Chicago" Non-Tilting Power Mixers; and "Smith" Hand Mixers), 1151 32d, Milwaukee, Wis.

Standard The Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
 Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
 Sterling Pattern Works ("Sterling"), Sterling, Ill.
 Svenson-Shuman Machine Co. ("Svenson"), Oliver bldg, Pittsburgh, Pa.
 Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.
 Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.
 Twentieth Century Mixer Co. ("20th Century"), Connersville, Ind.
 United Engine Co. ("United" Batch), Lansing, Mich.
 U. S. Standard Mfg. Co., Ashland, O.
 Van Duzen, Roys O. ("Van Duzen"), Columbus, O.
 Waterloo Cement Machinery Corp. ("Polygon," "Little Wonder Fine," "Wonder Ten"), Waterloo, Ia.
 Wegge E. Concrete Machinery Co., La Crosse, Wis.
 Western Mfg. Co., Oskaloosa, Ia.
 Whitman Agricultural Co. (Continuous), 7000 S B'way, St. Louis, Mo.
 Worthington Pump & Machy Corp., 115 B'way, New York.

2991—*Concrete Mixers for Street Paving

LITTLEFORD BROS., 444 E Pearl, Cincinnati, O. *See adv index at end of book*
SMITH, T. L. CO. THE ("Smith-Chicago" High Drum Paver), 1151 32d, Milwaukee, Wis.

2992—Concrete Reinforcing Bars (Iron & Steel)

See also Concrete Reinforcing Materials. This list contains only the Rolling Mills who roll this material, with the exception of advertisers who appear in Black Type

Ashland Steel Co. (Bessemer Steel), Ashland, Ky.
 Atlantic Steel Co. (Open Hearth Steel, Twisted, Plain & Corrugated Bars Up to 80 Feet), Atlanta, Ga.
 Bethlehem Steel Co. (Bessemer & Open Hearth Steel Plain Rounds, Squares of Merchant Mill Lengths), S. Bethlehem, Pa.
 Calumet Steel Co. (Bessemer Steel, Round & Twisted Square of Any Length), 208 S La Salle, Chicago Heights, Ill.
 Cambria Steel Co. (Bessemer & Open Hearth Bars from ¼ to 1½ Inches Square Up to 60 Feet), Widener bldg, Phila., Pa.
 Carnegie Steel Co. (Bessemer & Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.
 Colorado Fuel & Iron Co. (Iron & Open Hearth Steel, Twisted & Corrugated Bars From ¼ to 1½ Inches Up to 60 Feet), Denver, Colo.
 Concrete Steel Co. ("Havemeyer Deformed"), 42 B'way, New York
 Crucible Steel Co. of America (Steel Squares From ¼ to 1½ Inches & Assorted Sizes of Flats & Twisted Up to 60 Feet), Oliver bldg, Pittsburgh, Pa.
 Davis Bros., 29th & Bristol, Phila., Pa.
 Fort Wayne Rolling Mills Corp. (Iron & Soft Steel Bars Up to 60 Feet), Fort Wayne, Ind.
 Franklin Steel Works (Twisted Rounds & Squares ¼ to 1½ Inches & Flats from ½x1 to ¾x2½ Inches Up to 60 Feet), Franklin, Pa.
 Gulf States Steel Co. (Cold Twisted Squares, Plain Squares & Plain Rounds), Birmingham, Ala.
 Horner W. S. & Co. (Square Twisted & Plain Rounds, Square & Flat Steel Bars, etc), Oliver bldg, Pittsburgh, Pa.
 Illinois Car & Mfg. Co., 20 W Jackson Blvd, Chicago, Ill.
 Illinois Steel Co. (Cold Twisted Square, Plain, Round, Flat & Square Bars, etc), 208 S La Salle, Chicago, Ill.
 Inland Steel Co. (Open Hearth Steel Rounds, Squares, Plain, Deformed & Twisted Bars Up to 85 Feet in Length), First Natl. Bk. bldg, Chicago, Ill.

AWARDED



TRIANGLE MESH

Concrete Reinforcement

For Pavements and Roadways,
and Building Construction

MADE BY

American Steel & Wire Company

Chicago New York Cleveland Pittsburgh Worcester Denver

Export Representative: U. S. Steel Products Co., New York
 Pacific Coast Representative: U. S. Steel Products Co.
 San Francisco Los Angeles Portland Seattle

Interstate Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Rounds & Plain & Twisted Squares From ¾ to 3 Inches Up to 100 Feet), 1st Nat. Bk. bldg, Chicago, Ill.
See adv index at end of book

Jones & Laughlin Steel Co. (Bessemer & Open Hearth Steel Diamond Bars & Twisted Squares, Any Size), Ross, Pittsburgh, Pa.

Kansas City Bolt & Nut Co. (Steel ¼ to 1½ in. Twisted Squares, Plain Rounds & Squares, Deformed Bars Up to 60 ft.), Kansas City, Mo.

Lackawanna Steel Co. (Bessemer & Open Hearth Steel ¼ to 1½ Inch Twisted Squares, Plain Rounds & Squares & "Maxwell" & Corrugated Bars Up to 60 Feet), Buffalo, N. Y.

LACLEDE STEEL CO. (Twisted Squares, Deformed Rounds & Squares; Sizes ¾ to 1½ inch), Federal Reserve Bank bldg, St. Louis, Mo. Works: Madison, Ill.

Lebanon Valley Iron & Steel Co. (Iron & Steel Bars, All Sizes & Any Length), Lebanon, Pa.

Lockhart Iron & Steel Co. (Iron & Steel Rounds, Flats, Squares, Hexagons, etc), Pittsburgh, Pa.; Works: McKees Rocks, Pa.

Logan Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Plain Rounds, Flats & Squares), Burnham, Pa.
 Marion Malleable Iron Works (Bar Couplings), Marion, Ind.

Pacific Coast Steel Co (Bars, Round Square & Flat, Steel Corrugated Bars), Rialto bldg, San Francisco, Cal.

Pardee C. Works (Open Hearth Steel Full Length Rounds & Twisted Squares), Perth Amboy, N. J.

Paterson-Leitch Co. (Jobbers), 936 E 67th, Cleveland, O.

Portland Iron & Steel Co. (Iron & Open Hearth Steel Plain & Twisted Rounds, Squares, etc, Up to 150 Feet in Length), South Portland, Me.

Railway Steel Spring Co. (Open Hearth Steel Rounds, Squares & Deformed Bars From ¼-Inch to 2-Inch Rounds & Up to 100 Feet in Length), 30 Church, New York. Works: Michigan & Hubbard, Detroit, Mich.

Republic Iron & Steel Co. (Iron & Bessemer & Open Hearth Steel Rounds, Squares & Deformed or Twisted Bars of Any Length Up to 90 Feet), Youngstown, O.

Rockaway Rolling Mill (Iron & Open Hearth Steel Rounds, Flats, Squares, etc, Any Length), Rockaway, N. J.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Sweets Steel Co. (Open Hearth Steel Diamond Bars From ¼ to 1½ Inches Up to 75 Feet in Length), Williamsport, Pa.

Sylvester Co. (Iron & Steel Plain Rounds, Squares, etc, Any Length), 141 Milk, Boston, Mass.

Tennessee Coal, Iron & R. R. Co. (Open Hearth Steel Rounds & Squares), Birmingham, Ala.

Texas Rolling Mill Co. (Iron & Steel Square & Knotted Cold Twisted Bars From ¾ to 1½ Inches Up to 120 Feet in Length), Fort Worth, Tex.

Upson Nut Co. (Twisted Bars), Cleveland, O.

Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

2993—Concrete Reinforcing Materials

See also Concrete Reinforcing Bars

American Concrete Steel Co., 27 Clinton, Newark, N. J.

American Rolling Mill Co. ("Kuhne's Truss Metal"), Middletown, O.

American Sheet & Tin Plate Co. (Steel), Frick bldg, Pittsburgh, Pa.

AMERICAN STEEL & WIRE CO. (Triangle Mesh), 208 La Salle, Chicago, Ill. *See adv index at end of book*

American System of Reinforcing ("American" Systems of Rods & Wire Fabric, Zigzag Beam Wrapping, etc), 10 S La Salle, Chicago, Ill.

American Wire Fence Co. (Wire Fibre), 10 S La Salle, Chicago, Ill.

Asbestos Protected Metal Co. ("Asbestosteel"), First Nat'l Bank bldg, Pittsburgh, Pa.

Ashland Steel Co. (Corrugated & Twisted), Ashland, Ky.

Beckley Perforating Co. (Special Shapes), Garwood, N. J.

Berger Mfg. Co. ("Ferro Lithic" Interlocking Plates for Concrete), Canton, Ohio

Bostwick Steel Lath Co., Niles, O.

Bourne-Fuller Co. (Bars), Hickox bldg, Cleveland, O.

Brown Hoisting Machinery Co. ("Ferroin-clave"), 4403 St. Clair, N E, Cleveland, O. *See adv index at end of book*

Buffalo Steel Co. (Twisted & Deformed, Plain Squares & Rounds), Tonawanda, N. Y.

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

Calumet Steel Co. (Steel Bars & Shapes, Plain & Twisted Squares), 208 S La Salle, Chicago Heights, Ill.

Cambria Steel Co. (Twisted Steel Bars), Widener bldg, Phila., Pa.

Campbell Wire Specialty Works (Wire Anchors, Rods, Wall Ties, Staples, etc), South Bend, Ind.

Carnegie Steel Co. (Twisted Steel Bars), Carnegie bldg, Pittsburgh, Pa.

Clinton Wire Cloth Co. (Electrically Welded Steel Wire Fabrics), Clinton, Mass.

Concrete Steel Co. ("Havemeyer" Steel Bars, etc), 42 B'way, New York

Concrete Steel Engineering Co. (Steel Bars, etc) 13 Park Row, New York

Consolidated Expanded Metal Co.'s, Brad-dock, Pa.

Corrugated Bar Co. (Corrugated Steel Bars), Buffalo, N. Y.

De Forest Sheet & Tin Plate Co. (Corrugated Sheet Metals), Niles, O.

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

Electric Welding Co. ("Cummings System"), Benedum Trees bldg, Pittsburgh, Pa.

Expanded Metal Engng. Co., 101 Park av, New York

Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.

Franklin Steel Works (Steel Bars, Plain Rounds & Squares & Square Twisted), Franklin, Pa.

Gabriel Reinforcement Co. ("Gabriel" Reinforcing Bar), Penobscot bldg, Detroit, Mich.

General Fireproofing Co. ("Self-Sentering," Expanded Metal & Wire Fabric), Youngstown, O.

Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.

Hanson A. P. & Son ("Unit" Spacing Bar), 1911 Emerson av, Chicago, Ill.

Horner W. S. & Co. (Square, Twisted & Plain Rounds, Square & Flat Steel Bars, etc), Oliver bldg, Pittsburgh, Pa.

Hubbard & Co. (Ore Process for Reinforcing Wooden Poles), 63d & Butler, Pittsburgh, Pa.

Hunkins-Willis Lime & Cement Co. (Also "Craver" Bar Tie-Seat), Century bldg, St. Louis, Mo.

Inland Steel Co. (Steel Twisted & Deformed Bars, Plain Bars, Rounds, Squares & Flats), First Nat'l Bank bldg, Chicago, Ill. Works: Chicago Heights, Ill., & Indiana Harbor, Ind.

Interstate Iron & Steel Co. (High Carbon Steel, Plain & Special Bars), First Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book

Kansas City Bolt & Nut Co. (Steel Bars, Plain, Round & Square, Twisted Squares & Flat), Kansas City, Mo.

Laclede Steel Co. (Twisted Squares, Deformed Bars), Federal Reserve Bk. bldg, St. Louis, Mo. Works: Madison, Ill.

Mitchell-Tappen Co. (Standardized Metal Caging), 50 Broad, New York

Neevel Mfg. Co. ("U." Benders, Clamps, Reinforcing Supports & Wall Ties), Kansas City, Mo.

Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.

Page Woven Wire Fence Co. (Reinforcing Wire Fabric), Adrian, Mich.

Paterson-Leitch Co., 936 E 67th, Cleveland, O.

Reinforced Concrete Co. (Twisted Steel Bars, Fabrics, Spirals, "Reco" Continuous Patent Stirrups), Wright bldg, St. Louis, Mo.

Republic Iron & Steel Co. (Rounds, Flats, Squares & Cold Twisted Bars), Youngstown, O.

Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.

Smith A. L. Iron Works, (rods), 217 Everett av, Chelsea, Mass.

Smith F. P. Wire & Iron Works (Spiral Column, Stirrups & Shear Bars for Concrete Beams, Columns, etc), Lake & Dearborn, Chicago, Ill.
See adv index at end of book

Thomas Steel Reinforcement Co., Concrete Pavement), Armon & M. C. R., Detroit, Mich.

Trussed Concrete Steel Co. (Kahn System), Youngstown, O.

Wight W. N. & Co. (Lock Woven Steel Fabric), 5 Beekman, New York

2994—Concrete Sockets

Farwell, Ozmun, Kirk & Co. ("Bigelow"), 2nd & Jackson, St. Paul, Minn.

Liebrich Fred ("Bigelow" Adjustable Socket Bracket, &c., of Malleable Iron), Monadnock blk, Chicago, Ill.

2995—Concrete Steel Construction (Reinforced)

See also Contractors, Building & General

Aberthaw Cons. Co., 27 School, Boston, Mass.

Allbrecht A. & Co., Penobscot bldg., Detroit, Mich.

Almion Engineering & Contracting Co., 25 Church, New York

Altoona Concrete Construction & Supply Co., Altoona, Pa.

Ambursen Co. (Dams, Bulkheads, etc), 61 B'way, New York

American Concrete Paving Co., Buffalo, N. Y.

American Concrete Steel Co., 27 Clinton, Newark, N. J.

American Construction Co. (Dams, Bulkheads, etc), Rockefeller bldg, Cleveland, O.

Amsterdam Building Co., 140 W 42nd, New York

Asbestos Protected Metal Co., Beaver Falls, Pa.

Austin Construction Co., Matthews bldg, Milwaukee, Wis.

Barre Ferdinand Equitable bldg, Baltimore, Md.

Bates & Rogers Construction Co. (Heavy Bridge Work, etc), 37 W Van Buren, Chicago, Ill.

Bentley A. & Sons Co., Toledo, O.

Bick J. N., The Nasby, Toledo, O.

Black Hawk Construction Co., Waterloo, Iowa

Blome-Sinek Co., 139 N Clark, Chicago, Ill.

Bostwick Steel Lath Co., Niles, O.

Brown Hoisting Machinery Co. ("Ferrolincave"), Cleveland, O.; 26 Cortlandt, New York, & Pittsburgh, Pa.
See adv index at end of book

Brown John G., Witherspoon bldg, Philadelphia, Pa.

Buffalo Expanded Metal Co., Morgan bldg, Buffalo, N. Y.

Campbell Wire Specialty Works (Wire Anchors, Rods, Wall Ties, Post Staples, etc), South Bend, Ind.

Carmichael Wm. P. Co., Williamsport, Ind.

Central Concrete Const. Co., Louisville, Ky

Chesley, Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.

Chickamauga Quarry & Const. Co., Chattanooga, Tenn.

Clough Concrete Construction Co., Quincy, Ill.

Concrete Construction Co., Empire bldg, Pittsburgh, Pa.

Concrete Engineering Co., Omaha, Neb.

Concrete Foundation Co., Sharp bldg, Kansas City, Mo.

Concrete Steel Bridge Co., Clarksburg, W. Va.

Concrete Steel Co., 42 B'way, New York

Concrete & Steel Const. Co., Joplin, Mo.

Connelly J. Construction Co., Leader-News bldg, Cleveland, O.

Consolidated Engineering Co., Calvert bldg, Baltimore, Md.

Corrugated Bar Co. (Corrugated Steel Bars), Buffalo, N. Y.

Cranford Construction Co., Gerke bldg, Cincinnati, O.

Cranford Paving Co., 2620 E N W, Washington, D. C.

Crescent Concrete Co., Erie Co. Bank bldg, Buffalo, N. Y.

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.

Cullinan Thomas F. Co., Providence, R. I.

Cummings Structural Concrete Co. ("Cummings" System), Benedum Trees bldg, Pittsburgh, Pa.

Curtiss & Dean, Hartford, Conn.

Denholm & Co., 622 E McMillan, Cincinnati, O.

Denton & Co., 7 E 42nd, New York

Drehmann Paving Co., 2622 Parrish, Philadelphia, Pa.

Durolithic Co., Buffalo, N. Y.

Eastern Concrete Steel Co., Buffalo, N. Y.

Eid L. Concrete Steel Co., 1206 Liberty, Cincinnati, O.

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.

Ensign G. W. Inc., Harrisburg, Pa.

Expanded Metal Engineering Co. (Reinforced), 101 Park av, New York

Expanded Metal Fireproofing Co., 541 Wood, Pittsburgh, Pa.

Fath Construction Co., 4403 Perkins av, Cleveland, O.

Fell Henry R. Co., Trenton, N. J.

Ferguson Hugh, Pittsburgh Life bldg, Pittsburgh, Pa.

Ferro-Concrete Construction Co., Richmond & Harriet, Cincinnati, O.

Foster & Creighton Co., Nashville, Tenn.

Foster-Vogt Co., Sharon bldg, San Francisco, Cal.

Gabriel Reinforcement Co. ("Gabriel" System), Penobscot bldg, Detroit, Mich.

General Construction Co., 3038 Galena, Milwaukee, Wis.

General Fireproofing Co., Youngstown, O.
See adv index at end of book

Gilsonite Construction Co., Wainwright bldg, St. Louis, Mo.

Godwin Const. Co., 251 4th av, New York

Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.

Gollick & Smith, 162 E 23rd, New York

Gould Construction Co., Davenport, Ia.

Grant Geo. J. Construction Co., N Y Life bldg, St. Paul, Minn.

Great Lakes Dredge & Dock Co., 104 S Michigan av, Chicago, Ill.

Greenfield Arthur (Inc.), (Reinforced Floors, etc), 204 E 26th, New York

Guarantee Const. Co., 140 Cedar, New York

Hall-Crawford Contracting Co., Macon, Ga.

Harry S. J. Co., Connellsville, Pa.

Harvey-Burden Const. Co., Chemical bldg, St. Louis, Mo.

Heine Chimney Co. (The), 123 W Madison, Chicago, Ill.

Hennebique Construction Co., 1170 B'way, New York

Heyworth J. O., 606 S Michigan, Chicago, Ill.

Hinchman-Renton Fireproofing Co., Denver, Colo.

Hoeffer & Co., 133 W Wash'n, Chicago, Ill.

Horton Concrete Construction Co., Reliance bldg, Kansas City, Mo.

Hudson Concrete Construction Co., 452 Montgomery, Jersey City, N. J.

Hunt Engineering Co., 513 Republic, Kansas City, Mo.

Industrial Engineering Co., 30 Church, New York

Kansas City Bridge Co., Orear-leslie bldg, Kansas City, Mo.

Kearns W. F. Co., Cambridge, Mass.

Kraft A. B., York, Pa.

Lafayette Engineering Co., Lafayette, Ind.

Lanquist & Illsley Co., 1100 N Clark, Chicago, Ill.

Leighton H. N. & Co., 127 S 10th Minneapolis, Minn.

Leonard Construction Co., McCormick bldg, Chicago, Ill.

Ley Fred T. & Co. Inc., 499 Main, Springfield, Mass.; 185 Devonshire, Boston, Mass., & Vanderbilt Concourse bldg, New York

Lucius Engineering Co., Hartje bldg, Pittsburgh, Pa.

McKinnon Construction Co., 70 Water, Providence, R. I.

Masters & Mullen Const. Co., Rose bldg, Cleveland, O.

Memphis Bridge Co., Memphis, Tenn.

Menke F. W. Stone & Lime Co., Quincy, Ill.

Midland Bridge Co., Kansas City, Mo.

Monolithic Silot & Const. Co., 122 S Michigan av, Chicago, Ill.

Monsted A. Co., Pabst bldg, Milwaukee, Wis.

Moyer Engineering & Construction Co., 375 Fulton, Brooklyn, N. Y.

National Bridge Co. (Bridge Works a Specialty), Indianapolis, Ind.

National Concrete Co. (Bridges, etc), Trac Terminal bldg, Indianapolis, Ind.

National Concrete Const. Co., Louisville, Ky.

National Concrete Fireproofing Co., Citizens bldg, Cleveland, O.

National Supply & Construction Co., Ellwood City, Pa.

N. E. Concrete Construction Co., 201 Devonshire, Boston, Mass.

Neeld C. M. Construction Co., Oliver bldg, Pittsburgh, Pa.

Neuchatel Asphalt Co., 79 Tompkins, New York

Nicola Building Co., Lambert & Penna. av, Pittsburgh, Pa.

Northwest Bridge Works, Portland, Ore.

Olson & Johnson Co., Missoula, Mont.

Osborn Engineering Co., (Designers of Grand Stands for Ball Parks, Driving Parks, etc), Engineers' bldg, Cleveland, O.

Otis Cement Construction Co., Hammond bldg, Detroit, Mich.
 Philadelphia Contracting Co., 5622 Germantown, Phila., Pa.
 Pueblo Bridge Co. (Bridges, etc), Pueblo, Colo.
 Puget Sound Bridge & Dredging Co., Seattle, Wash.
 Rackie Geo. & Sons Co., Cleveland, O.
 Raymond Concrete Pile Co., 140 Cedar, New York
 Read-Coddington Engineering Co., Niagara Falls, N. Y.
 Reaugh Construction Co., 2835 E 51st, Cleveland, O.
 Reinforced Concrete Co. (Consulting), Wright bldg, St. Louis, Mo.
 Requarth C. W. Co., Charlotte, N. C.
 Richards - Neustadt Construction Co., Wright & Callender bldg, Los Angeles, Cal.
 Roberts & Schaefer Co. (Locomotive Coal-ing Stations, Coal Tipples & Power Houses), 332 S Michigan av, Chicago, Ill.
 Robinson J. L. Construction Co., Knickerbocker bldg, Baltimore, Md.
 Roos Bros., 2824 Stanton av W. H., Cincinnati, O.
 Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.
 Savannah Engng. & Constr. Co., Savannah, Ga.
 Schillinger Bros. Co., 215 City Park av, Toledo, O.
 Schutz, Shreiner & Clyde Co., May bldg, Pittsburgh, Pa.
 Simpson Bros. Corp., 166 Devonshire, Boston, Mass.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Southern Ferro Concrete Co., Atlanta, Ga.
 Sperry Engineering Co., 82 Church, New Haven, Conn.
 Standard Concrete Construction Co., 108 S La Salle, Chicago, Ill.
 Standard Concrete Steel Co., 413 E 31st, New York
 Stark N. M. & Co. (Bridges, etc), Des Moines, Ia.
 Steen Thos. J. Co., 30 Church, New York
 Sterling Engng. & Constr. Co., 720 Caswell blk, Milwaukee, Wis.
 Structural Concrete Co., Dayton, O.
 Stuart James L., 233 Olive av, Pittsburgh, Pa.
 Swenson Construction Co., Shubert Theater bldg, Kansas City, Mo.
 Syracuse Bridge Co. (Bridges, Foundations, etc), Syracuse, N. Y.
 Talbott H. E. Co. (Bridges, Buildings, etc), City Nat'l Bk. bldg, Dayton, O.
 Topeka Bridge & Iron Co. (Bridges, etc), Topeka, Kan.
 Trussed Concrete Steel Co. (Kahn System), Youngstown, O.
 Tucker & Laxton, Charlotte, N. C.
 Tucker & Vinton (Steel Concrete Structures), 216 E 41st, New York
 Tunnel Concrete Co. (Tunnel Lining & Specialty), 15 Broad, New York
 Turner C. A. P. ("Mushroom" System), 627 1st av N, Minneapolis, Minn.
 Turner Concrete Steel Co., 1713 Sansome, Phila., Pa.
 Turner Const. Co. ("Ransome" Reinforced Concrete Construction), 11 B'way, New York
 Webber Construction Co., 29 W 34th, New York
 Weber Chimney Co. (Reinforced Concrete Chimneys, etc), McCormick bldg, Chicago, Ill.
 Weiland Edw. A., Clark & Independence, Cleveland, O.
 West Construction Co., American bldg, Baltimore, Md.
 Western Expanded Metal & Fireproofing Co., San Francisco, Cal.
 Westinghouse, Church, Kerr & Co., 37 Wall, New York
 White F. O. Construction Co., 183 River, Boston, Mass.
 Whittaker & Diehl, Harrisburg, Pa.
 Wisconsin Cement Const. Co., 1000 Humboldt av, Milwaukee, Wis.
 Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

2996— *Condensers (Air)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2997— Condensers (Ammonia)

Baker Ice Machine Co., Omaha, Neb.
 Carbondale Machine Co., Carbondale, Pa.
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
 Columbus Iron Works, Columbus, Ga.
 Kupferle Bros. Mfg. Co., 600 N 2d, St. Louis, Mo.
 Lummus Walter E. Co., 173 Milk, Boston, Mass.
 Shipley Construction & Supply Co., ft. of Warren, B'klyn, N. Y.
 Triumph Ice Machine Co., Oakley, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
 York Mfg. Co., Ltd., York, Pa.

2998—Condensers (Barometric)

ALBERGER PUMP & CONDENSER CO., 140 Cedar, New York
ALLIS-CHALMERS MFG. CO., ("Tomlinson"), Milwaukee, Wis.
See adv index at end of book
 Blake Pump & Condenser Co., Fitchburg, Mass.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Devine J. P. Co., Buffalo, N. Y.
 Ingersoll-Rand Co. ("Beyer" Counter-Current), 11 Broadway, New York
See adv index at end of book
KELLOGG M. W. CO., ("Bulkley"), 90 West, New York
See adv index at end of book

BAROMETRIC CONDENSERS AND VACUUM PUMPS

(Write for Bulletin R)

MESTA MACHINE COMPANY PITTSBURGH, PA., U. S. A.

Quintard Iron Works Co., 742 E 12th, New York
 Tod Wm. Co., Youngstown, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Wetherill Robt. & Co., Chester, Pa.
 Wheeler C. H. Mfg. Co., Lehigh av & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book
 Worthington Pump & Machy. Corp., 115 Broadway, New York

2998a—*Condensers (Chemical)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

2999—Condensers (Chemical Works, Etc.)

Baeuerle & Morris, 932 N Front, Phila., Pa.
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.
 Devine J. P. Co., Buffalo, N. Y.
 Gerstein Bros. & Cooper, 3 W 3rd, South Boston, Mass.
 Griscom-Russell Co., 92 West, New York
See adv index at end of book
 Lummus Walter E. Co., 173 Milk, Boston, Mass.

3000—*Condensers (Ejector)

Devine J. P. Co., Buffalo, N. Y.
 Worthington Pump & Mach'y Corp. ("Sprojector"), 115 Broadway, N. Y.

3001— Condensers (Electric)

Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.
 Bunnell J. H. & Co., 32 Park pl, New York
 Electric Specialty Co., Cresco, Ia.
 Foote, Pierson & Co., 160 Duane, New York
 Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
 Marconi Wireless Telegraph Co. (High & Low Tension), Woolworth bldg, New York
 Marshall William, 709 Lexington av, New York

Pearce Fred'k Co., 20 Rose, New York
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.
 Warner Electric Co., Muncie Ind.
 Western Electric Co., 463 West, New York

3002— Condensers (Gas)

See also Gas Works Apparatus & Construction

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
 Cruse-Kemper Co., Ambler, Pa.
 Gas Machy. Co., 1900 Euclid av, Cleveland, Ohio
 Isbell Porter Co. (Primary & Secondary for Fresh or Salt Water), 46 Bridge, Newark, N. J.
 Quintard Iron Works Co., 742 E 12th, New York
 Stacey Bros. Gas Construction Co., Sta P, Cincinnati, Ohio
 Stacey Mfg. Co., Big Four R R, Township av, Elmwood, Cincinnati, O.
 Western Gas Construction Co., Ft. Wayne, Ind.
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Condensers (Independent)

See Condensers, Steam

Condensers (Jet)

See Condensers, Steam

3003—Condensers (Oil Refining)

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
 Lummus Walter E. Co., 173 Milk, Boston, Mass.
 Petroleum Iron Works Co. ("Leman," "Counter Current"), Sharon, Pa.
 Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.

3004—Condensers (Reflecting, For Dark-Field Illumination)

Leitz Ernest, 30 E 18th, New York

3005— Condensers (Steam)

Advance Pump & Compressor Co. (Jet), 60 Flint, Battle Creek, Mich.
ALBERGER PUMP & CONDENSER CO. (Jet & Surface, "Wainwright"), 140 Cedar, New York
ALLIS-CHALMERS MFG. CO. (Jet), Milwaukee, Wis. *See adv index at end of book*
 American Engineering Co. (Surface for Marine Work), Aramingo av & Cumberland, Phila., Pa.
 American Steam Pump Co. (Jet & Surface), Battle Creek, Mich.
 Baeuerle & Morris (Surface, Brass, Copper, Iron, Steel & Block Tin), 932 N Front, Phila., Pa.
 Baker Ice Machine Co. (Surface), Omaha, Neb.
 Baragwanath Wm. & Son (Siphon & Surface), 1260 W Division, Chicago, Ill.
 Blake Pump & Condenser Co. (Air & Steam Turbine, etc), Fitchburg, Mass.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Buffalo Steam Pump Co. (Jet, Surface, etc), Buffalo, N. Y.
 Butler Mfg. Co. ("B. M. C." Flask), Kansas City, Mo.
CAMERON A. S. STEAM PUMP WORKS (Jet, Barometric, Surface, etc), Bowling Green bldg, New York
See adv index at end of book
 Cresson-Morris Co. ("Beyer" Patent), Allegheny & 18th, Phila., Pa.
 Davidson M. T. Co. (Surface & Jet), 43 Keap, Brooklyn, N. Y.
 Dean Bros. Steam Pump Works (Jet & Surface), 327 W 10th, Indianapolis, Ind.
DE LAVAL STEAM TURBINE CO., East Trenton, N. J. *See adv index at end of book*
 Devine J. P. Co., Buffalo, N. Y.
 Epping-Carpenter Pump Co. (Surface & Jet), ft 43d, Pittsburgh, Pa.
 Eynon-Evans Mfg. Co., N 15th, Clearfield, Philadelphia, Pa.
 Flynn W. S., 76 Hudson, Jersey City, N. J.
 Fouts C. C. Co., 650 Woodlawn av, Middletown, O.

Great Lakes Engineering Works (Twin Vertical Air Pump Condenser Combined, for Salt, Sugar & Chemical Works), Detroit, Mich.
 Griscom-Russell Co. ("Goubert" Surface, 92 West, New York
See adv index at end of book
 Hewes & Phillips Iron Works ("Venturi" Independent), 8 Orange, Newark, N. J.
 Ingersoll-Rand Co. ("Beyer," Barometric), 11 Broadway, New York
See adv index at end of book
 Jackson Byron Iron Works, Berkeley, Cal.
 Kellogg M. W. Co. ("Bulkley"), 90 West, New York *See adv index at end of book*
 Leitz Ernest, 30 E 18th, New York
 McGowan Jno. H. Co., 52 Central av, Cincinnati, O.
 Manistee Iron Works Co. (Rotary Jet), Manistee, Mich.
 Marshall Foundry Co., 28th, Pittsburgh, Pa.
 National Foundry & Machine Co., Louisville, Ky.
 National Steam Pump Co., Upper Sandusky, Ohio
 Nordberg Mfg. Co. (Independent, Jet & Surface), Chicago & Oklahoma av, Milwaukee, Wis.
 Northwestern Iron Works, Seattle, Wash.
 Quintard Iron Works Co. (Surface), 742 E 12th, New York
SCHUTTE & KOERTING CO., 1251 N 12th, Philadelphia, Pa.
 Scranton Pump Co. (Jet Condensers & Pumps), Scranton, Pa.
 Southwark Foundry & Machine Co. ("Weiss"), 430 Washington av, Philadelphia, Pa.
 Standard Water Systems Co. ("Tripure," Multicoil & Straight Tube Type), Hampton, N. J.
 Stewart Heater Co., Buffalo, N. Y.
THROPP'S JOHN E. SONS CO. (Surface), ft of Lewis, Trenton, N. J.
See adv index at end of book

WHEELER CONDENSERS

High Vacuum Surface and Jet Condensers

WHEELER

Condenser & Engineering Co..
 West Carteret, New Jersey,
 Manufacturers of Condensers, Pumps,
 Cooling Towers, Evaporators, Dryers, etc.

Triumph Ice Machine Co., Oakley, Cincinnati, O.
 Union Steam Pump Co., Battle Creek, Mich.
 Vertical Condenser Co. ("Zeigler" Vertical Combined Condenser & Re-Boiler), Gerke bldg, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
 Warren Steam Pump Co., Warren, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO. (Surface, Barometric & Jet), East Pittsburgh, Pa.
See adv index at end of book
 Wheeler C. H. Mfg. Co., Lehigh & N 18th, Phila., Pa.
WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Admiralty Surface, Rectangular Jet & "Wheeler-Volz" Combined Condensers & Feed Water Heaters), Carteret, N. J.
See adv index at end of book
 Whitlock Coil Pipe Co., Hartford, Conn.
 Worthington Pump & Machy. Corp. (Jet, Self-Cooling Cylindrical & Rectangular Surface, etc), 115 B'way, New York

3006—*Condensers (Steam Turbine)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse Leblanc"), East Pittsburgh, Pa. *See adv index at end of book*

Condensers (Surface)

See Condensers, Steam

3007— Condensers (Telephone)

American Elec. Co., 6401 S State, Chicago, Ill.
 Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.
 Automatic Elec. Co., 1001 W Van Buren, Chicago, Ill.
 Central Tel. & Electric Co., 310 N 11th, St. Louis, Mo.
 Conn. Telephone & Elec. Co., 70 Britnia, Meriden, Conn.
 Electric Specialty Co. ("Mansbridge" Type), Cresco, Ia.
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.
 Lafayette Electric & Mfg. Co., Lafayette, Ind.
 Marshall Wm., 709 Lexington av, New York
 Swedish-American Telephone Mfg. Co., 5235 Ravenswood av, Chicago, Ill.
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.
 Western Electric Co., 463 West, New York
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.

3008— Condensers (Tubular)

Baerle & Morris, 932 N Front, Phila., Pa.
 Griscom-Russell Co., 92 West, New York
See adv index at end of book
 Lummus Walter E. Co. (Tubular & Coll), 173 Milk, Boston, Mass.
 Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

3009— Condensers (Vapor)

Devine J. P. Co., Buffalo, N. Y.
 Griscom-Russell Co., 92 West, New York
See adv index at end of book
 Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
 Standard Water Systems Co. ("Tripure," Multicoil & Straight Tube Type), Hampton, N. J.

Condensing Apparatus (Stoneware)

See Stoneware, Chemical

3010—*Condensing Plants (Complete)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

3011—Condensing Plants (Weiss Central)

Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.
See adv index at end of book

3012—Conductor Pipe & Eaves Trough Mfrs.

American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
 Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
 Berger Bros. Co., 229 Arch, Phila., Pa.
 Berger L D Co., 59 N 2d, Phila., Pa.
 Berger Mfg. Co. (Steel), Canton, O.
 Bostwick Steel Lath Co., Niles, O.
 Braden Mfg. Co., Terre Haute, Ind.
 Brier Hill Steel Co., Youngstown, O.
 Burton W. J. Co., Junction & Leavitt av, Detroit, Mich.
 Cambridge Roofing Co., Cambridge, O.
 Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.
 Carter Sheet Metal Co., Omaha, Neb.
 Casseus Mfg. Co. ("Casseus' Ideal" Eave Troughs), Edwardsville, Ill.
 Cedar Rapids Cornice Co., Cedar Rapids, Iowa
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

Clark-Smith Hardware Co., Peoria, Ill.
 Conner Chas. H. & Co., Louisville, Ky.
 Decatur Cornice & Roofing Co., New Decatur, Ala.
 Delphos Mfg. Co., 1st & Pierce, Delphos, Ohio
 Dickelman Mfg. Co., Forest, O.
 Dieckmann Ferdinand Co., 2423 Harrison av, Cincinnati, O.
 Dominion Metal Products Co., Roanoke, Va.
 Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Eller Mfg. Co., Canton, O.
 Empire Iron & Steel Co., Niles, O.
 Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.
 Florida Metal Products Co., Jacksonville, Fla.
 Friedley-Vashardt Co., 733 S Halsted, Chicago, Ill.
 Garry Iron & Steel Co., Niles, O.
 Gedge Bros. Iron Roofing Co., Anderson, Ind.
 Globe Iron Roofing & Corrugating Co., Newport, Ky.
 Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
 Hopson W. C. Co., Grand Rapids, Mich.
 Horner W. S. & Co. (Corrugated, Plain Round, Square & Polygon Conductor Pipe & Lap & Slip Joint Eave Troughs), Oliver bldg, Pittsburgh, Pa.
 Howie Roofing Co., Detroit, Mich.
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
 Hussey C. G. & Co. (Copper Only), 2850 2d av, Pittsburgh, Pa.
 Hyndman Roofing Co., 318 E 2d, Cincinnati, O.
 Kanneberg Roofing & Ceiling Co., Canton, Ohio
 Klauer Mfg. Co., Dubuque, Ia.
 La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
 Lamb & Ritchie Co., Cambridgeport, Mass.
 Learn & Brindle (Conductors Strainers, "The Ideal" Cut-Off), Columbus, O.
 Lupton's David Sons, E Allegheny av & Tulip, Phila., Pa.
 Lyman H B., Southampton, Mass.
 Lyon Conklin & Co. ("Lyonore" Metal, "L. C. & Co." Steel), 19 Balderston, Baltimore, Md.
 Martin Metal Mfg. Co., Wichita, Kan.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa. *See adv index at end of book*
 Mertz John Mfg. Co., Sandusky, O.
See adv index at end of book
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Messenger & Parks Mfg. Co., Aurora, Ill.
 Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
 Milwaukee Corrugating Co., Milwaukee, Wis.
 Moeschl-Edwards Corrugating Co., Covington, Ky.
 Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
 New England Steel Roofing Co., Worcester, Mass.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 New York Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.
 Niles Iron & Steel Roofing Co., Niles, O.
 Norman W. F. Sheet Metal Mfg. Co., Nevada, Mo.
 Obdyke Benj. P., 1217 Callowhill, Phila., Pa.
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Penn Metal Ceiling & Roofing Co., Ltd., 23d & Hamilton, Phila., Pa.
 Pierce O. W. Co., Olean, N. Y.
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
 Pudrith A. F. Co., Fort E, Detroit, Mich.
 Reeves Mfg. Co., Dover, O.
 St. John & Barquist Co., Des Moines, Ia.
 Schoedinger F. O., Columbus, O.
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
 Souther E. E. Iron Co., Klenlin & Ham-burger, St. Louis, Mo.
 Standard Sheet Metal Mfg. Co., Washington, Pa.
STEARNS A. T. LUMBER CO. (Wood), 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
 Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.
 Tennison Bros., Houston, Tex.
 Throm Chas. F., Toledo, O.

Tiffin Art Metal Co., 20 Broad, Tiffin, O.
Valley Cornice & Slate Co., Ltd., Saginaw, Mich.
Walker Sheet Metal Co., Council Bluffs, Ia.
Weyand Henry Co., Waterbury, Conn.
Wheeling Metal & Mfg. Co., Wheeling, W. Va.
Whitaker-Glessner Co. ("Rust Resisting Portsmouth Iron," "Ohio Metal" & "Open Hearth Steel"), Wheeling, W. Va.
York Corrugating Co., York, Pa.

3013—Conductors (Armored)

Dewes A. Co., 199 Lafayette, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Pratt Chuck Co. (Double Strip), Frankfort, N. Y.
Safety Armorite Conduit Co., 525 3d av, Pittsburgh, Pa.
Sprague Electric Works, 527 W 34th, New York
Standard Underground Cable Co., Pittsburgh, Pa.
YOUNGSTOWN SHEET & TUBE CO. ("Realflex"), Youngstown, O.

3014-5-6—Conduit Elbow Former

Wallace Supplies Co., 412 Orleans, Chicago, Ill.

3017—Conduits (Flexible Metallic)

Breeze Carbureter Co., 250-52 South, Newark, N. J.
Dewes A. Co., 199 Lafayette, New York
Eastern Flexible Conduit Co. (Steel), 41 Gardner av, Brooklyn, N. Y.
Franklin Railway Supply Co. ("McLaughlin," for Connecting Between Engine & Tender in Place of Rubber Hose), Franklin, Pa.
Nat. Enameling & Mfg. Co., Renshaw bldg, Pittsburgh, Pa.
National Metal Molding Co. ("Flexsteel"), 1110 Fulton bldg, Pittsburgh, Pa.
Pennsylvania Flexible Metallic Tubing Co., 201 N Broad, Phila., Pa.
Saylor Electric & Mfg. Co. ("Safeduct"), 115 S Main, Pittsburgh, Pa.
Sprague Electric Works ("Greenfield"), 527 W 34th, New York
Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Trumbull Elec. Mfg. Co., Woodford av, Plainville, Conn.
Tubular Woven Fabric Co. ("Duraduct"), Pawtucket, R. I.
Youngstown Sheet & Tube Co., Youngstown, O.

3018—Conduits (Interior)

Alphaduct Co. (Non-Metallic Flexible), 136 Cator av, Jersey City, N. J.
American Circular Loom Co. ("Electroduct," Flexible), 16 Medford, Boston, Mass.
American Conduit Mfg. Co. ("Galvanite") Electro Galvanized, "American" Enamelled Rigid Steel, also "Wireduct" Non-Metallic Flexible), Keystone bldg, Pittsburgh, Pa.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
Central Tube Co. ("Central"), Pittsburgh, Pa.
Clifton Mfg. Co. ("Clifton," Rigid Steel), 65 Brookside av, Jamaica Plain, Boston, Mass.
Continental Fibre Co. ("Bakelite-Dilecto" & Vulcanized Fibre), Newark Centre, Del.
DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book
Dewes A. Co., 199 Lafayette, New York
Diamond State Fibre Co. (Fibre), Elsmere, Del.
Eastern Flexible Conduit Co. ("Brookduct," Non-Metallic Flexible), 41 Gardner av, Brooklyn, N. Y.
Enamelled Metals Co. ("Pittsburgh," Standard Enamelled Iron), 61 Prince, Pittsburgh, Pa.
Mark Mfg. Co. ("Zinkote," "Navalite," Enamelled Iron Pipe), Evanston, Ill.
National Fibre & Insulating Co. (Fibre), Yorklyn, Del.

National Metal Molding Co. ("Sheraduct" & "Economy," Rigid Steel, also "Flex-tube" Flexible Non-Metallic, Flexsteel Flexible Metallic), 1110 Fulton bldg, Pittsburgh, Pa.
Protectus Paint Co. ("Versies" Flexible & Waterproof), N Amer bldg, Phila., Pa.
Ric-wil Co., New England bldg, Cleveland, O.
Safety Armorite Conduit Co. ("Located," "Galvaduct," "Armorduct," "Sterling" Iron Armored, Flexible Metallic, etc), 525 3rd av, Pittsburgh, Pa.
Sprague Electric Works ("Greenfield" Iron Armored, Brass Armored, Flexible Steel & Unarmored), 527 W 34th, New York
Standard Fibre Co., Miller St., Somerville, Mass.
Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.
Tubular Woven Fabric Co. ("Duraduct," Flexible Woven), Pawtucket, R. I.
WILMINGTON FIBRE SPECIALTY CO. (Hard Fibre), Wilmington, Del.
See adv index at end of book
YOUNGSTOWN SHEET & TUBE CO. ("Buckeye" Rigid & Steel-Enamelled and Electro-Galvanized), Youngstown, O.

3019—Conduits (Underground)

American Clay Products Co. (Vitrified), 175 5th av, New York
American Conduit Co. (Bitumenized Fibre), East Chicago, Ill.
American Creosote Works (Creosoted for Wood), Southport, New Orleans, La.
American Cross Arm Co. (Creosoted Wood) 332 S Michigan av, Chicago, Ill.
American Fire Brick Co. (Vitrified Salt Glazed), Spokane, Wash.
American Sewer Pipe Co. (Vitrified), Akron, O.
American Vitrified Conduit Co., B'way & 23d, New York
Berlin Mills Co. (Fibre), Portland, Me.
Brazil Hollow Brick & Tile Co. ("Brazil," Vitrified), Brazil, Ind.
Camp H. B. Co. ("Camp-Duct" Vitrified Clay), Fulton bldg, Pittsburgh, Pa.
Campfield Raggle Block Co. (Air Cells for Steam Pipes), Richmond, Ind.
Chattanooga Sewer Pipe & Fire Brick Co. (Clay), Chattanooga, Tenn.
Chicago Stone Conduit Co., Addison & Chicago River, Chicago, Ill.
Clay Product Co. (Vitrified Fire-Clay), 175 W Jackson Blvd, Chicago, Ill.
Clermont Sewer Pipe Co., 50 Church, New York
Denny-Renton Clay & Coal Co. (Clay), Seattle, Wash.
Des Moines Clay Co., Des Moines, Iowa
Dickey W. S. Clay Mfg. Co. (Vitrified Salt Glazed), Kansas City, Mo.
Drummond M. J. & Co. ("Shawmut" Vitrified), 51 Chambers, New York
Fibre Conduit Co. (Fibre), Orangeburg, N. Y.
Gest G. M., 237 B'way, New York
Grand Ledge Clay Product Co., Grand Ledge, Mich.
Johns H. W.-Manville Co. ("J-M" Sectional & "J-M" Fibre), Madison av & 41st, New York
Los Angeles Pressed Brick Co. (Salt Glazed), Los Angeles, Cal.
Michigan Pipe Co. ("Bethell" Process of Creosoted Wood), Bay City, Mich.
National Fire Proofing Co. ("Mason," Terra Cotta Clay), 1110 Fulton bldg, Pittsburgh, Pa.
N. Y. State Sewer Pipe Co., Rochester, N. Y.
Norfolk Creosoting Co. (Creosoted Wood), Norfolk, Va.
Ric-wil Underground Pipe Covering Co., New England bldg, Cleveland, O.
Riter-Conley Co. (Riveted Steel Pipe Lines of Large Diameters, Particularly for Hydro-Electric Installation, etc), Pittsburgh, Pa.
San Antonio Sewer Pipe Co., San Antonio, Tex.
Shawmut Clay Mfg. Co., Shawmut, Pa.
Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.
Tyler Underground Heating System, 815 S Canal, Pittsburgh, Pa.
Washington Pipe & Foundry Co. (Machine Banded Wooden Insulated Wire Conduits), Tacoma, Wash.
Winslow & Co. (Vitrified Salt-Glazed), Portland, Me.

Wyckoff Pipe & Creosoting Co. (Creosoted Wood), 30 E 42d, New York Works, Portsmouth, Va.

3020—Cones (Automobile)

Acklin Stamping Co. (Clutch Cones), 1659 Dorr, Toledo, O.
See adv index at end of book
BOSSERT CORPORATION THE (Clutch Cones), Utica, N. Y.
See adv index at end of book
Perry-Fay Mfg. Co., Elyria, O.
U. S. Automatic Co., Amherst, O.

Cones (Blacksmiths')

See Mandrels or Cones, Blacksmiths'

3021-2—Cones (Connecting)

Merrill Metallurgical Co. ("Merrill"), 121 2nd, San Francisco, Cal.

Cones (Friction)

See Pulleys, Cone

3023—Cones (Ground)

Fairmount Electric & Mfg. Co. ("Maxum"), 59th & Woodland av, Phila., Pa.
Paragon Electric Co. ("Paragon"), 9 S Clinton, Chicago, Ill.

3024—Cones (Roof)

General Fire Extinguisher Co., Providence, R. I.

3025—Connections (Closet, Brass, Etc.)

American Pin Co. ("Ampinco"), Waterbury, Conn.
Atlas Brass Works ("Forster" Closet Waste), 431 Folsom, San Francisco, Cal.
Blasier Sanborn Mfg. Co., Utica, N. Y.
Fries & Co., 91 Main, Buffalo, N. Y.
Frost Mfg. Co., Kenosha, Wis.
Standard Brass Mfg. Co., Utica, N. Y.
Trenton Brass & Machine Co. (Offset & Elbow), Trenton, N. J.

3026—Connections (Closet, Rubber)

Mechanical Rubber Co., ft Lisbon rd S E, Cleveland, O.
National India Rubber Co. (Lamp), Bristol, R. I.
Quaker City Rubber Co. (Closet, Ohliger, etc), 629 Market, Phila., Pa.

3027—Connections (Hose)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bridgeman Bros. Co. ("Royle" Attachments), 1426 Wash'n av, Phila., Pa.
New York Brass Foundry Co. ("Still-bech"), 104 Centre, New York
Osgood J. L. Tool Co. (Air Hose), Buffalo, N. Y.

3028—Connections (Siamese)

Allen W. D. & Co., 570 W Lake, Chicago, Ill.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Bridgeman Bros. Co., 1426 Wash'n av, Phila., Pa.
Callahan Cornelius Co. ("Callahan" for Fire Hose), 127 Purchase, Boston, Mass.
Fries & Co., 91 Main, Buffalo, N. Y.
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
Larkin Mfg. Co., Dayton, O.
McNab & Harlin Mfg. Co., 55 John, New York
Milwaukee Brass Mfg. Co. (With Automatic Valve, for Fire Sprinklers, Stand Pipes, Bath, etc), 251 Lapham, Milwaukee, Wis.
Morse A. J. & Son, 221 High, Boston, Mass.
Murray & Sorenson ("Unit"), 227 W 17th New York
Sherman H. B. Mfg. Co., Battle Creek, Mich.
Simmons John Co., 110 Centre, New York
Standard Brass & Iron Works ("S B & I Works" Double, Threeway, etc), 1820 St. Paul av, Milwaukee, Wis.

3029—Connections (Slip Joint)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Glauber Brass Mfg. Co., 49th & Superior av, N E Cleveland, O.
 Union Brass & Metal Mfg. Co., Lawson & Mackerbin, St. Paul, Minn.
 Wolverine Brass Works, Grand Rapids, Mich.

3030—Connections (Steamer)

Bridgman Bros. Co. ("Bridgman" for Automatic Sprinklers & Stand Pipes), 1426 Wash'n av, Phila., Pa.
 General Fire Extinguisher Co. (For Automatic Sprinklers & Stand Pipe), Providence, R. I.

3031—Connections (Underground Box)

Phila. Electric Constr. Co., Heed bldg, Phila., Pa.

3032—Connectors (Battery)

American Ever Ready Works ("Ever Ready," "Bull Dog"), Thompson av, Long Island City, New York
 Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.
 Atlas Mfg. Co., New Haven, Conn.
 Barcy-Nicholson Co. ("Bar-Nic"), 837 W Fort, Detroit, Mich.
 Bliss-Chester Co. ("Duplex" Flexible), 31 Mathewson, Providence, R. I.
 Breaznell J. H., 26 Court, Brooklyn, N. Y.
 Chicago Electric Mfg. Co. ("Handey"), 2817 S Halsted, Chicago, Ill.
 Connecticut Electric Mfg. Co., Bridgeport, Conn.
 Continental Elec. Co., 1885 Park av, New York
 Culver-Stearns Mfg. Co., Worcester, Mass.
 Eastern Carbon Works, 580 Henderson, Jersey City, N. J.
 Fahnestock Elec. Co., Meadow, L. I. City, N. Y.
 Fitzgerald Mfg. Co. ("Perfection" Flexible, with Spring Lock Terminal), Torrington, Conn.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Herz & Co., 245 W 55th, New York
 Hi-Po Waterproof Battery Corp., 1007 Atlantic av, Brooklyn, N. Y.
 Knoblock-Heideman Mfg. Co. ("Quick-Action," Flat Copper), South Bend, Ind.
 Lemke Electric Co. ("L B" Flat Copper), 509 Cedar, Milwaukee, Wis.
 Lombardi Motor Co., Derby, Conn.
 Manhattan Electrical Supply Co. ("Mesco," "Sta-there"), 17 Park pl, New York
 Mich. Motor Spec. Co., 40 Dubois, Detroit, Mich.
 National Carbon Co. ("Columbia," "Fahnestock," "Spring Clip," "Bull Dog," "Quick Action"), Cleveland, O.
 Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.
 Pittsfield Spark Coil Co., Pittsfield, Mass.
 Reliable Elec. Co., 411 S Sangamon, Chicago, Ill.
 Salem Electrical Supply Co. (Flexible), Salem, Mass.
 Sherman Mfg. Co., Battle Creek, Mich.
 Stackpole Carbon Co. ("Mills," "Stackpole"), St. Marys, Pa.
 Sterling Machine & Stamping Co., Wellington, Ohio
 Stevens & Co. ("Securo"), 375 B'way, New York
 Tregoning Electric Mfg. Co. ("Lobster-Claw"), Cleveland, O.

3033—Connectors (Box & Cabinet)

Appleton Electric Co., 218 N Jefferson, Chicago, Ill.
 Bonnell W. A. Co., 132 Church, New York
 National Metal Molding Co. (Panel Box for Armored Conductors, Flexible Metallic Conduits & Armored Conductors), Fulton bldg, Pittsburgh, Pa.
 Sprague Electric Works (Clamp Type, Panel Box, also Angle for Outfit & Injunction Boxes), 527 W 34th, New York
 Standard Electric Fittings Co., Stamford, Conn.
 Thomas & Betts Co. ("T & B"), 105 Hudson, New York

3034—*Connectors (Electric Train)

WESTINGHOUSE ELECTRIC & MFG. CO. (Controllers), East Pittsburgh, Pa. *See adv index at end of book*

3035—Connectors (Sleeve Wire)

Belden Mfg. Co., 2300 So Western av, Chicago, Ill.
 Bonnell W. A. Co., 132 Church, New York
 Bryant Elec. Co., 1421 State, Bridgeport, Conn.
 Bryant Zinc Co. ("Premier"), 600 Orleans, Chicago, Ill.
 Chicago Die & Machine Works ("Max Stadt"), 415 N Carpenter, Chicago, Ill.
 Clark Elec. & Mfg. Co. ("Clark"), 149 B'way, New York
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.
 Fairmount Elec. & Mfg. Co., 59th & Woodland, Phila., Pa.
 Fort Dearborn Mfg. Co., 38 S Dearborn, Chicago, Ill.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Hickey & Schneider, 61 Broadway, New York
 Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.
 McIntire Chas. Co., 35 Vesey, Newark, N. J.
 Meliorate Mfg. Co., 246 Hall, Brooklyn, N. Y.
 Metropolitan Engrg. Co., 35 Vestry, New York
MORSE FRANK W. ("Eureka" Two & Four Screw Brass), 293 Congress, Boston, Mass. *See adv index at end of book*
 National Telephone Supply Co., 3922 Superior av, Cleveland, O.
 Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
 Trumbull Electric Mfg. Co. (Four Screw Brass), Plainville, Conn.

3036—Connectors (Stage)

Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.
 Scranton Button Co. (Electroid, Confined Line), Scranton, Pa.
 Universal Electric Stage Lighting Co. ("Kliegl Bros."), 240 W 50th, New York
 Waldman John J., 136 Liberty, New York

3037—Connectors (Trailer, Car Lighting)

Dale Lighting Fixture Co., 107 W 13th, New York
 Delta-Star Electric Co. (Automatic Loop Switch), 2437 Fulton, Chicago, Ill.
 Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.
 Loeffelholz Co. ("Gibbs"), Milwaukee, Wis.
 Novelty Elec. Co., 50 N 4th, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Controllers), East Pittsburgh, Pa. *See adv index at end of book*

3038—Connectors (Trolley Wire)

Eureka Co., North East, Pa.
 Ohio Brass Co., Mansfield, O.
 Ridlon Frank Co. ("Two-Way"), 261 Franklin, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3039—Connectors (Wire)

(Miscellaneous Wire Connectors)

Appleton Electric Co., 218 N Jefferson, Chicago, Ill.
 Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
 Bliss-Chester Co. ("Duplex," Terminal), 31 Mathewson, Providence, R. I.
 Brady Electric Mfg. Co., New Britain, Conn.
 Bridgeport Brass Co., Bridgeport, Conn.
 Bryant Electric Co., Bridgeport, Conn.
 Bunnell J. H. & Co., 32 Park pl, New York
 Cameron Appliance Co. (For electric light wire), Everett, Mass.
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.
 Clark Electric & Mfg. Co., 149 B'way, New York

Connecticut Elec. Mfg. Co., Bridgeport, Conn.

Cook Frank B. Co., 326 W Madison, Chicago, Ill.

Dossert & Co. (Solderles), 242 W 41st, New York

Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.

See adv index at end of book

Electrical Engineers Equipment Co. (T-Split), 711 Meridian, Chicago, Ill.

Fahnestock Electric Co. ("Fahnestock," Snapover for Drop Wires), Meadow, Long Island City, N. Y.

Fairmount Electric & Mfg. Co. ("H. W. W."), "Alligator", 59th & Woodland av, Phila., Pa.

Fort Dearborn Mfg. Co. ("Zeno"), 38 S Dearborn, Chicago, Ill.

Frankel Connector Co., 177 Hudson, New York

Harvard Electric Co., 525 W Van Buren, Chicago, Ill.

Holtzer-Cabot Electric Co., Brookline, Mass.

Irrington Mfg. Co. ("Irrington," "Red Devil"), Irrington, N. J.

Jordan Bros. ("Tap-On," Two-Wire for Branch Taps), 74 Beekman, New York

Joslyn Mfg. & Supply Co., Chamber of Commerce, Chicago, Ill.

Line Material Co., S Milwaukee, Wis.

McIntire C. Co., 35 Vesey, Newark, N. J.

Manhattan Electrical Supply Co., 17 Park pl, New York

MORSE FRANK W. ("Morse," Brass, Thumb Screw), 293 Congress, Boston, Mass. *See adv index at end of book*

Nagel-Chase Mfg. Co., 154 E Erie, Chicago, Ill.

National Electric Specialty Co. ("Ritette" Self Soldering), Toledo, O.

Ostrander W. R. & Co., 371 B'way, New York

P. & M. Co., 80 E Jackson Bl, Chicago, Ill.

Paiste H. T. Co. (Two Wire Moulding), 3201 Arch, Phila., Pa.

Phila. Electrical & Mfg. Co., 1226 N 31st, Phila., Pa.

Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.

Reliable Electric Co. ("Reliable"), 411 Sangamon, Chicago, Ill.

Ridlon Frank Co. ("Two-Way"), 261 Franklin, Boston, Mass.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works, Trenton & Roebing, N. J.

See adv index at end of book

Sharfink Elec. Mfg. Corp., 84 Walker, New York

Sibley Pitman Electrical Corp. ("Climax"), 19 W 36th New York

Simpson Alex. B., 152 E 53d, New York

SMITH & HEMENWAY CO. ("Never Turn," "Swedish" & "Red Devil"), 76 Chambers, New York

See adv index at end of book

Tower-Binford Elec. & Mfg. Co., Richmond, Va.

Trumbull Electric Mfg. Co., Plainville, Conn.

U. S. E. M. Co. (Insulating, for Moulding Work, etc), 301 W 37th, New York

Waldman John J., 136 Liberty, New York

Waterbury Mfg. Co., Waterbury, Conn.

3040—Connectors (Wire Test)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.
 Cameron Appliance Co. ("Metropolitan"), Everett, Mass.
 Chicago Brass & Specialty Co. ("H. W. W."), 2316 W Harrison, Chicago, Ill.
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.
 Columbus Handle & Tool Co., Columbus, Ind.
 Cook Frank B. Co., 326 Madison, Chicago, Ill.
 Cutter-Scott C., Owego, Ill.
 Fahnestock Electric Co. ("Snap Over"), Meadow, Long Island City, N. Y.
 Fairmount Electric & Mfg. Co. ("H. W. W."), "Alligator", 59th & Woodland av, Phila., Pa.
 Frankel Display Fixture Co., 177 Hudson, New York
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.

Hubbard & Co. ("Pierce"), 63rd & Butler, Pittsburgh, Pa.
MORSE FRANK W. ("Eureka," Hard Rubber), 293 Congress, Boston, Mass.
See adv index at end of book
 Mueller R. S. ("Universal" Insulated), 423 High av, S E, Cleveland, O.
 P. & M. Co., 80 E Jackson Blvd, Chicago, Ill.
 Reliable Electric Co., 411 S Sangamon, Chicago, Ill.
 Williams Test Clamp Co., 1051 Power av, Cleveland, O.

3041—*Contactors (Solenoid Operated)

CUTLER-HAMMER MFG. CO., 1300 St. Paul av, Milwaukee, Wis.
See adv index at end of book

3042—*Containers (Steel)

ELYRIA ENAMELED PRODUCTS CO. (Glass Enameled), Elyria, O.
See adv index at end of book

3042a—*Contracting Machinists

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*

3043—Contractors (Asphalt Paving)

See also Contractors, General

CALIFORNIA.

LOS ANGELES—Fairchild-Gilmore & Wilton Co., 607 S Main
 National Roadamite Paving & Supply Co., 356 S Spring
 OAKLAND—Oakland Paving Co.
 SAN FRANCISCO—Barber Asphalt Paving Co. (Street, etc), 209 Post
 City Street Improvement Co., 166 Geary
 Pioneer Asphaltum & Artificial Stone Pavement Co., 634 Clay

CONNECTICUT.

BRIDGEPORT—Burns Co., Lindly
 MERIDEN—Lane Construction Corp.
 NEW HAVEN—City Point Concrete Co., 149 Greenwich av
 Connecticut Concrete Co., 185 Church
 Humphrey Jno., 56 Perkins

DISTRICT OF COLUMBIA.

WASHINGTON—Cranford Paving Co., 2620 E, N W
 Washington Asphalt Block & Tile Co., S Capitol & R S E

GEORGIA.

ATLANTA—Murphy's C. P. Sons

ILLINOIS.

AURORA—Salfsberg J. E. & Co.
 CHICAGO—Barber Asphalt Paving Co. (Street, etc), 7 S Dearborn
 Blome R. S., 139 N Clark
 Conway R. F. Co. (Street, etc), 133 W Wash.
 Dolese Bros. Co., 10 S La Salle
 Fulton Asphalt Co., 53 W Jackson Blvd
 Hoeffer & Co., Chamber of Commerce bldg
 Parker-Washington Co., 68 W Wash.
 Perkins E. B., 133 W Washington
 Sackley Jas. A. Co., 1004 St. Keeler av
 Schillinger Construction Co., 2322 N Seeley av
 Simpson Construction Co. (Street, etc), 1113 S Hermitage av
 Smith & Brown Co., 128 S La Salle
 Standard Paving Co., 29 La Salle
 Wheeler W. W. & Co., 715 W Washington
 Witt Aug., 913 S Western

INDIANA.

EVANSVILLE—Anchor Concrete Construction Co.
 FORT WAYNE—Fort Wayne Roofing & Paving Co.
 INDIANAPOLIS—Smither Henry C. Roofing Co., 430 S Meridian
 Symmes H. H.
 LAFAYETTE—Western Construction Co. (Street, etc)

IOWA.

DUBUQUE—Key City Roofing Co.
 IOWA CITY—Hunzinger J. H. & Co.

KENTUCKY.

LOUISVILLE—National Roofing & Supply Co., 140 Main

LOUISIANA.

NEW ORLEANS—Barber Asphalt Paving Co. (Street, etc), 708 Hennen
 Jahncke Navigation Co. (Schillinger's), 814 Howard av

MARYLAND.

BALTIMORE—American Paving & Contracting Co., Montebello av & Jenkins la
 Consolidated Engineering Co., Calvert bldg
 Filbert Paving Co. (Street, etc), Old Builders Exchange
 Thormann Jno. H. & Co., 530 W Barre

MASSACHUSETTS.

BOSTON—Barber Asphalt Paving Co., 294 Washington
 Dolloff C. W. & Co., 20 Central
 Hind Thos. J., 19 Milk
 Libby A. A. Sons Co., 10 Milk
 Murtfeldt W. A. Co., 161 Devonshire
 Rock Asphalt Co., 24 Oakland
 Simpson Bros. Corporation, 166 Devonshire
 Taylor E. R. Co., 786 E Broadway
 Uffler Joseph & Co., 34 Ophir
 Warren Bros. Co. (Street, etc), 59 Temple pl
 FALL RIVER—Archard Richard J., 60 Murray
 Williston Chas. H., 171 Pleasant
 LOWELL—Smith E. A. & A. T.
 WEST MEDFORD—Bragdon Louis G.
 WORCESTER—Carr Geo. W. Co., 518 Main

MICHIGAN.

DETROIT—Porath Ferd. & Son, Free Press bldg
 Schillinger Bros.

MISSOURI.

KANSAS CITY—Barber Asphalt Paving Co. (Street, etc), Colonial Long bldg
 Parker-Washington Co., 2309 Penn av
 ST. LOUIS—Barber Asphalt Paving Co., Park & Thurman
 Fehlig Construction Co., Theresa av & Hickory
 Fruin-Bambrick Const. Co., 800 S Spring av
 Gilsonite Construction Co., Wainwright bldg
 Granite Bituminous Paving Co., Pierce bldg
 Heman Construction Co., Title Guarantee Trust bldg
 Parker-Washington Co., 6161 Maple av
 Trinidad Asphalt Mfg. Co., Title Guarantee Trust bldg

NEBRASKA.

OMAHA—Grant John Paving Co., Paxton blk
 Murphy Hugh, Bee bldg
 National Roofing Co., Ware blk

NEW HAMPSHIRE.

MANCHESTER—Robie Consolidated Concrete Co., 939 Elm
 NASHUA—Osgood Construction Co.
 Tardif F. X.

NEW JERSEY.

JERSEY CITY—Commonwealth Roofing Co., Grove c 19th
 Uvalde Asphalt Paving Co., 2 Greene
 MAURER—Barber Asphalt Paving Co. (Street, etc)
 NEWARK—Hetzl J. G. (Floors, etc), 67 Main
 Standard Paving Co., 154 Frelinghuysen av

NEW YORK.

BUFFALO—Barber Asphalt Co. (Street, etc), E. Delavan av & Belt Line
 Burgard Henry P. Co. (Street, etc), 1968 Fillmore av
 Crescent Pavement Co., Erie Co. Bk bldg
 German Rock Asphalt & Cement Co. (Street, etc), D S Morgan bldg

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Cranford Co., 52 9th
 Mock Isidor, 838 Flushing av
 Uvalde Asphalt Paving Co., Metropolitan av

Boroughs of Manhattan and Bronx.

NEW YORK—Asphalt Construction Co., Madison av & 137th
 Barber Asphalt Paving Co. (Street, etc), Woolworth bldg
 Denton & Co., 7 E 42d
 Hastings Pavement Co., 25 Broad
 Neuchatel Asphalte Co., Ltd., 79 Tompkins
 †Sicilian Asphalt Paving Co. (Street, etc), 41 Park row
 Uvalde Asphalt Paving Co. (Street, etc), 1 B'way
 Warren Bros. Co. (Street, etc), 50 Church

(End of New York City)

PEEKSKILL—Smith John Jr.
 ROCHESTER—Oliver Horace T., 328 South av
 Rochester Vulcanite Pavement Co.
 Warren Chemical Mfg. Co., 49 West av
 SYRACUSE—Warner-Quinlan Asphalt Co.
 YONKERS—Pawson J. E. & Co., ft Wells av

NORTH CAROLINA.

OXFORD—Lassiter Robert G. & Co.

OHIO.

CINCINNATI—Kuhl Chas. Artificial Stone Co., 601 Hunt
 Maescher Chas. V. & Co., 617 Hunt
 CLEVELAND—Cleveland Trinidad Paving Co. (Street, etc), 3409 Trumbull
 Roehl Bros., Thompson bldg
 COLUMBUS—Pugh Andrew G., Commerce bldg
 DAYTON—Dayton Asphalt Roofing & Paving Co.
 DELAWARE—Lambert Bros. & Wirt
 HAMILTON—Andrews Asphalt Paving Co.
 TOLEDO—Schillinger Bros. Co., 215 City Park av

OREGON.

PORTLAND—Warren Construction Co., Journal bldg

PENNSYLVANIA.

ERIE—Doyle J. & M.
 Mayer Bros. Construction Co.
 HARRISBURG—Central Construction & Supply Co.
 LANCASTER—Fritchey J. U. & Son
 Lancaster Cement Paving Co.
 PHILADELPHIA—Barber Asphalt Paving Co. (Street, etc), Land Title bldg
 Drehmann Paving Co., 2622 Parrish
 Galbraith Paving Co., 3732 Old York rd
 Mack Paving & Construction Co. (also Granite Block Pavers), 20th & Sedgley av
 Schwartz Jacob, 2308 N 27th
 Wallace R. Bruce & Co., 45 N 13th
 PITTSBURGH—Booth & Flinn, Ltd., 1942 Forbes
 Peabody George L., 6101 Penn av
 Ridge Bros. Co., 5638 Rippev
 Wadsworth Stone & Paving Co., Lambert & P R R
 SCRANTON—Gaynor Contracting Co.

RHODE ISLAND.

PROVIDENCE—Narragansett Improvement Co. (Street, etc), 122 Public
 WESTERLY—Westerly Concrete Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co.
Noll Construction Co.
Southern Paving Construction Co.
West Construction Co., Chamberlain bldg
MEMPHIS—Bartholomew Roofing Co.
Memphis Asphalt & Paving Co. (Street, etc.)
Miller Chas. R. Co., 8 N Front

UTAH.

OGDEN—Parry Jos. & Sons Co.

VIRGINIA.

RICHMOND—Veitch W. P.

WASHINGTON.

SEATTLE—Independent Asphalt Paving Co.
TACOMA—Independent Asphalt Paving Co.

WISCONSIN.

MILWAUKEE—Winding & Gezelschap, Pabst bldg
OSHKOSH—Fluor Bros. Const. Co.
SHEBOYGAN—Ackerman Christ. & Sons

3044 — Contractors (Building & General)

This list does not include contractors in towns with a population of less than 5,000.

*Indicates Building Contractors.

*Indicates Railroad Contractors.

†Indicates Electric Railway Contractors.

Note information following names.

Names listed without information or symbols as above are General Contractors, so far as the publishers have been able to ascertain.

See also Concrete Steel Construction Reinforced; also Dock Builders.

ALABAMA.

BIRMINGHAM—Alabama Paving Co. (Paving), American Trust bldg
§Allen C. M., 114½ N 21st
§Anderson J. B. & Co., Richard av
Baker John Jr. (Paving), American Trust bldg
§Birmingham Bldg. & Imp. Co., American Trust bldg
§Blake-Carroll Const. Co., American Trust bldg
§Bostick P. E., 1st Nat. Bank bldg.
§Bowdry H. N., Jeff. Co. Bk bl.
§Burns Jesse L., 6212 1st av N
Crenshaw C. G. Constructing Co., Woodward bldg
*Dunn Const. Co., Chamber of Commerce bldg.
§Evans Bros. Const. Co., 2312 av F
§Hill R. G. & Co., Chamber of Com.
§Inglenook Construction Co., 2008½ 2d av.
§Kernshaw C. G. Contracting Co., Woodward bldg
§Lockhart H. A., Chamber of Commerce bldg
§Mann Bros., 1002 av E
§Medders T. L. & Co.
§Moesser Building Co.
§Moore A. H., 1720 1st av
Morgan J. M. & Co.
Newell Bros. (Grading), 1623 First av N
§Realty Const. Co., 1st Nat. Bank bldg
Smallman-Brice Co., American Trust bldg
Thompson T. C. & Bros.
*Vance Contracting Co., 1st Nat. Bk bldg
*Watson Contracting Co., 1311 Huntsville rd
§Wells Bros. Co. of N. Y., Ridgley Apts.
§Windham Bros. Construction Co., Alabama Penny Bank bldg
*Worthington Thos., 1st Nat. Bank bldg
HUNTSVILLE—§Baxter Bros.
§Hutchins Chas. E.

MOBILE—Conway R. F. Co. (Paving)
MONTGOMERY—Blair Algernon
Cook & Laurie Contracting Co.
§Hugger Bros.
Jamison & Hallowell (Paving, etc.)

ARIZONA.

TUCSON—*Manning L. H. & Co.

ARKANSAS.

ARKANSAS CITY—*Lacy Bros. (Levee)
FORT SMITH—Burke Construction Co.
Reddick T. T.
Schleutter Fred
LITTLE ROCK—Big Rock Stone & Construction Co.
Collamore L.
Cook M. D. L. (Paving)
McCoppin Jos. (Sewer, etc.)
Miller Engineering Co.
Powers Patrick
Shelby & Bateman
Stewart-McGehee Construction Co.

CALIFORNIA.

ALAMEDA—§Powell Bros.
BERKELEY—Contra Costa Construction Co. (Grading, etc.)
Sorenson Walter
Spring Construction Co.
EL MONTE—§Thurman J. C.
LOS ANGELES—§Albright C. S., 6040 Hollywood
§Allen & Stanley, 3007 N Main
§Alpeter, Hall & Alpeter Co., Ferguson bldg
Atkinson J. F., 610 S B'way
Atkinson Lyon S., Sunset blvd
§Atlas Building Co., 219 W. 7th
Barber-Bradley Const. Co., 1824 E 15th
§Barnes A. S., 215 W 7th
Benson Geo. S. & Sons, Stimpson bldg
Bent & Pennebaker (Grading)
§Blodgett L. M., 978 Dewey av
§Borg Emil, 1787 E 45th
§Borton C. F. Co., Hibernian bldg
§Boward, H. M. & Sons Co., Black bldg.
Brashear-Burns Co. (Grading), 210 W 7th
Broadway Const. Co., 235 E Washington
Bryant & Austin (Paving) 1650 Compton av
Cal. Arizona Const. Co. (Paving), 1700 E Washington
Condon Geo. C., Wesley Roberts bldg
§Cooper-Pyle-Clopin Co., Story bldg
Corbaley Chas. W. Co., H. W. Hellman bldg
§Crook J. A.
Cross A. P., Mer. Trust bldg
§Crowell Weymouth, 121 E 6th
Davidson Const. Co., 1445 E 16th
§Engstrum F. O. Co., 500 Seaton
Fairchild, Gilmore & Wilton Co. (Paving), 607 S Main
Garnsey Leigh G., 108 W 6th
§Gilbert V. P., 453 S Spring
Gilberth G. W. & Co., 606 S Hill
§Goldwaite C. D., Marsh-Strong bldg
*Grant Bros. Const. Co.
§Hale Geo. D. & Co., 6401 Hollywood
§Hall J. F. Martin Co., Stimson bldg
§Hetzel-Winget Co., Grant bldg
Hudson C. H., Trust & Savings bldg
Kennedy James, Washington bldg
Kling Co., Union League bldg
§Knerr H. E., Stimson bldg
Kubach, C. J. Co., 8th
§L. F. S. Syndicate, Investment bldg
Leonardt & Peck, 356 Spring
§Lepper & Laisy, 3704 W Washington
McGuire H. J. (Grading), Copp bldg
§McNeil, J. V., Wesley Roberts bldg
§May & Grimwood
Mayo, L. T., Black bldg
Mercereau Bridge & Const Co., Pacific Electric bldg
Mesmer & Rice, Marsh-Strong bldg
Metropolitan Contracting Co., Wilson blk
§Milwaukee Building Co., Wright & Callender bldg
Modern Constr. Co. (Road & Sewer)
§Nance & Phelps, 846 Tinden
Occidental Const. Co., 2643 Andrews
Pacific Coast Concrete Co., 51st & Sta. Fe
Pacific Engineering Co.
Pacific Portable Const. Co., 1420 S Hill
§Parkes-King Bldg. Co., Investment bldg

Perry W. A. Contracting Co., 406 S Main
Powell C. L., American bldg
§Pozzo Const. Co., 421 Macy
Richards-Neustadt Const. Co., Wright & Callender bldg
§Richmond Chas. H., 321 W 3d
Roberts John Co., 315 S B'way
Rogers Bros. Co. (Paving, etc.), Hibernian bldg
Russell, Greene, Foell Co., Higgins bldg
Security Const. Co.
*Sharp & Fellows Contracting Co., Vernon
Scherer Robert & Co. (Grading), Pacific Electric bldg
Shumway W. M. Co., 6057 Hollywood blvd
§Simpson John & Co., 412 W. 6th
Simpson Wm. Constr. Co., Marsh-Strong bldg
§Slater W. Co., 2314 Sta. Fe
Snow Geo. E., 4515 Central
Standard American Dredging Co., Central bldg
§Stansbury Chas. V. W., Hellman bldg
§Trimlett & Combillick, 608 S B'way
Tryon & Brain (Excavating), 207 S B'way
§Very A. O., Mason bldg
§Wagner Chas. D., Story bldg
Wattson & Spicer (Sewer), 405 S Hill
§Weaver C. B. Constr. Co., 405 S Hill
§Weston Bldg Co., 126 W 3d
§Willard-Brent Co., 412 W 6th
Yard & Hichborn, 215 W 6th
Yarnell B. F., 227 S Union
§Yeager M. S. Trust & Savings bldg
MONROVIA—Davisson R R Contracting Co.
OAKLAND—Hutchinson Co. (Paving, etc.)
Ransome-Crummey Co.
Stone E. B. & A. L. Co.
Veitch W. T. & Bro.
PASADENA—§Crowell Wm. C.
SACRAMENTO—Campbell & Turner
Jenkins & Wells
McGillivray Const. Co.
Mathews Const. Co.
§Murcell William
Ross Const. Co.
Siller Bros.
Teichert & Ambrose
SAN DIEGO—California-Arizona Constr. Co. (Paving)
§Campbell John
Engerbretsen John (Street Paving, Excavating, etc.)
Fairchild-Gilmore-Wilton Co. (Paving)
Hose A. C. (Sewer)
Hyde C. L. Const. Co.
San Diego Const. Co.
Wurster Const. Co.
SAN FRANCISCO—Anderson & Ringrose, 320 Market
Arlett Arthur, Call bldg
Ashton & Bridgeman, 58 Sutter
Bates, Borland & Ayer (Grading), Crocker bldg
Bay Shore Building Co., Hearst bldg
*Bechtel W. A., 625 Market
Behm J. & Co., 141 Oak
Bergren L. G. & Son, Hearst bldg
Blenfield Dan. L. & Co., Phelan bldg
§Billar John, 460 Montgomery
Blanchard, Brown Co., 660 Market
Bogart J. S., Mills bldg
Born S. A. Bldg. Co., 660 Market
Bovyer & Sons, 2407 California
Boxton Geo. W. & Son, Hearst bldg
Brady A. P., Humboldt Bk bldg
Brandt & Stevens, Hearst bldg
Braunton Harold, 180 Jessie
Brennan J. E., 180 Jessie
California Const. Co., 74 N Montgomery
Cameron & Disston, Hearst bldg
Campbell John F., 2440 16th
Carnahan & Mulford, 45 Kearny
Cassaretto John (Grading), 345 Berry
Chadwick & Sykes, Crocker bldg
Chisholm R. A. 1st
Chonette O. W., 356 Pine
Church D. O. Co., 68 Post
†City Street Imp. Co. (Streets, etc.), 166 Geary
Clinton Constr. Co., 140 Townsend
§Coburn Ira W., 180 Jessie
Collman & Duncan, 2661 B'way
Commey W T & Son, Crocker bldg
Concanon Wm. N. Co., Underwood bldg
Construction & Engineering Co., 1047 Folsom

Contra Costa Const. Co., 20th & Church
 Cox Bros., 5th av & Lincoln way
 Daniel Contr. Co., 503 Market
 Demattei L. & Co., 8 Avery
 Desmond D. J. Commissary Co., Underwood bldg
 Dowling J. F. & Co., Russ bldg
 Downey John (Masonry), 260 Natoma
 Drake H. E., 180 Jessie
 Dreyfus Bros., 324 California
 Duebel Charles & Co., 224 1st
 Duncanson-Harrelson Co., Chronicle bldg
 Eaton & Smith, 715 Ocean
 Eiam Thos. & Son, 180 Jessie
 Erickson & Petterson, Monadnock bldg
 Etherton E. E. Co., Monadnock bldg
 Farrell & Reed, 3d & Mission
 Fay Improvement Co., Phelan bldg
 Federal Construction Co. (Paving), Sharon bldg
 Fee Grant, 2440 16th
 Fennell James S., 180 Jessie
 Ferguson & Son, 1739 Union
 Fisher M., 687 Mission
 Flinn & Treacy, 1st Natl. Bank bldg
 Floodberg & McCaffery, Monadnock bldg
 Franks F. C. (Dredging), Phelan bldg
 Franz Val., 180 Jessie
 Frasier & Frasier, 180 Jessie
 Furlong James, Monadnock bldg
 Gallagher E. J., Crocker bldg
 Garden F. M. & Co., 251 Kearney
 Gartland P. J., 74 Spencer
 Gest G. M., 503 Market
 Gilson J. E., 180 Jessie
 Glaze Robert, Humboldt Bk bldg
 Gompertz Chas. W., 503 Market
 Gorrill C. H. & A. W., Call bldg
 Gutleben Bros., New Call bldg
 Hannah J. D., Monadnock bldg
 Hansbrough-Johnston Co., Monadnock bldg
 Harney Jos. G. (Street), 3619 18th
 Hayes Wm. W., 180 Jessie
 Healy-Tibbitts Const. Co. (Excavating, Fireproof Construction, etc.), Main & Market
 Henderson J. H., 908 O'Farrell
 Henderson W. D., Monadnock bldg
 Henning Wm. H., Hearst bldg
 Hjul Jas. H., California & Davis
 Hock Chas., 180 Jessie
 Hogberg & Ludwig, 180 Jessie
 Holm & Merchant, 68 Post
 Holt O. C., 110 Jessie
 Hoyt H. P. Co., Monadnock bldg
 Huber & Huber, 23 Spear
 Hyde, Harjes & Co. (Bridges, etc.), 110 Market
 Jensen G. P. W., 320 Market
 Johnson Joel, 110 Jessie
 Klyce Harvey A., Sheldon bldg
 Knowles & Mathewson, Call bldg
 Koenig Chas. J. U., 110 Jessie
 Kohn Alfred, 110 Jessie
 Lange & Bergstrom, Sharon bldg
 Larsen Chris, 110 Jessie
 Larsen-Sampson Co., Crocker bldg
 Leiter E. T. & Sons, Call bldg
 Leonard J. J., Phelan bldg
 Lindgren Co., Monadnock bldg
 Little Mathew A., 2640 Jackson
 Long A. E., Monadnock bldg
 Loveland F. L., 2928 Baker
 Lynch P. J., 110 Jessie
 McCabe & Brown, 1st Nat. Bank bldg
 McClenahan T. W. & Co., Rialto bldg
 McDonald J. W. Co. (Street), Monadnock bldg
 McGinn G. W. & Co. (Sewer, etc.), Phelan bldg
 McHugh Owen (Excavating & Grading), Russ bldg
 McKenzie W., 734 Washington
 McLaughlin J. L., 244 Kearney
 McLean A. C. Const. Co., 320 Market
 McLean Neil A., Chronicle bldg
 McLeran & Peterson, Sharon bldg
 McMullen, C. E., 110 Jessie
 McSheehy Bros., 47 Langdon
 MacArthur Bros. Co., Chronicle bldg
 Mahony Bros., Hobart bldg
 Malloch J. S., 110 Jessie
 Marcussen Marius, 201 Sansome
 Markle R. B., Hearst bldg
 Marsh Bros. & Gardenier, Monadnock bldg
 Martin Wm., 110 Jessie
 Masow & Morrison, Monadnock bldg
 Melbourne Frank J., 45 Kearney
 Moffett & Mead, Monadnock bldg
 Moller R. W., 1634 California
 Monk John, Sharon bldg

Monson Bros., 1907 Bryant
 Moore & Burlingame, 110 Jessie
 Moores-Bode Gravel Co., Tara & Geneva
 Morehouse C. C., 872 Folsom
 Mortenson Construction Co., 19th & Indiana
 Mulcahy Bros., 180 Jessie
 Nelson & Bauer, Fulton & Gough
 Newson Wm. A., Sharon bldg
 Nichols H. D., 1381 Stevenson
 Nimmo Geo., 634 Clay
 Nugent Robinson, 2165 Market
 O'Brien Jas. H. (Street), Hearst bldg
 Owsley Burt T., 119 Jessie
 Pacific Const. Co., 16 California
 Pacific Engineering & Construction Co., 544 Market
 Pacific Fence Const. Co., 425 Market
 Pacific Pumping Co., 350 Battery
 Pacific Improvement Co., Crocker bldg
 Palmer & McBryde, Hooker & Lent bldg
 Paramount Bldg. Co., 45 Kearny
 Penny Isaac, Phelan bldg
 Petterson & Persson, 62 Post
 Price Thomas H., 201 Sansome
 Pringle, Dunn & Co., 338 Pine
 Rainey W. A., 180 Jessie
 Reite J. B., 951 Mission
 Ringrose R. & Son, 320 Market
 Ritchie F. R. & Co., Chronicle bldg
 Robinson & Gillespie, 1051 Sutter
 Rolandi F., 550 Montgomery
 Ruegg Bros., Pacific bldg
 San Francisco Bridge Co., Nevada Bk. bldg
 Savage M. J., Flatiron bldg
 Schroder Bros., 765 Folsom
 Sly L. H., 57 Post
 Smith J. H., Monadnock bldg
 Smith Rice Co. (Riggers), 148 Spear
 Sound Const. & Engineering Co., Hearst bldg
 Spalding Const. Co., Rialto bldg
 State Improvement Co., Crocker bldg
 Stock Lester H., Hearst bldg
 Stockholm & Allyn, Monadnock bldg
 Stone E. B. & A. L. Co., Rialto bldg
 Storrie R. C. & Co. (Sewer), 2379 Market
 Sturges Benjamin, 3931 Geary
 Sunset Const. Co., 20th av & Ortega
 Taylor & Goericke, Postal Tel. bldg
 Thomson Bridge Co. (Bridge, Sewer & Public), 103 Main
 Thurston & Co., 57 Post
 Tibbets Pacific Co., 16 California
 Trost Robert, 26th & Howard
 Trounson J., 121 5th
 Tucker E. W. & Co., 347 Fremont
 Twohy Bros. Co., Hobart bldg
 Union Construction Co., 604 Mission
 Utah Const. Co., Phelan bldg
 Van Sant-Houghton Co., 503 Market
 Vaughan H. G., 68 Post
 Vitrolite Const. Co., 1490 Mission
 Wagner Geo., Hearst bldg
 Walker P. J. & Co., Monadnock bldg
 Ward & Goodwin, 110 Jessie
 Watson Daniel, 49 Belden pl
 Westerlund J. V., 320 Market
 Western Building & Engineering Co., Call bldg
 Western Motor Draying Co., 1444 Church
 Western States Const. Co., Hearst bldg
 White & Gloor, Monadnock bldg
 Whitlock & Gorrill, Monadnock bldg
 Whitton Frederick, 251 Kearny
 Wilhelm A. H., 180 Jessie
 Willett & Burr, Sheldon bldg
 Williams Bros. & Henderson, Holbrook bldg
 Wold C. L. Co., 75 Sutter
 Wright Chas., 517 2d
 SANTA MARIA—Doane G. M. & Sons
 STOCKTON—Clark & Henery Construction Co.

COLORADO.

DENVER—Abair Frank X., 212 15th
 American Const. Co., 312 17th
 Colorado Wrecking & Building Co., 1st & Walnut
 Denver & Pueblo Const. Co., 3262 Blake
 Denver Wrecking & Const. Co., 851 Delaware
 Dunn Chas. J., 1328 Inca
 Farrar & Guy, Quincy bldg
 Gaffy & Keefe Const. Co., 245 Kalamath

Gordon & Taylor Const. Co., Century bldg
 Kirchhof Frank, 7th & Lawrence
 Lambie C. S. & Co., Tramway bldg
 Moncrieff Z. E., 1119 18th
 Morrison Contracting Co., Cooper bldg
 Roberts J. F. Const. Co.
 Stocker & Fraser, Chamber of Com.
 Wogan Maurice A., 1st Nat. Bank bldg
 PUEBLO—Pueblo Bridge Co. (Bridge)
 TRINIDAD—Crouch Lumber & Const. Co.

CONNECTICUT.

BERLIN—Berlin Construction Co.
 BETHEL—Dolan Bernard J.
 McDonald Peter Co.
 Senior A. H.
 BRANFORD—Rice M. P.
 Sliney John T.
 BRIDGEPORT—Austin Co., The (Industrial), 1188 Main
 Bishop John H., 171 John
 Bjorlund Carl S., 682 Dewey
 Blycher August W., 3128 Fairfield av
 Botsford Charles H., 1515 Park av
 Bridgeport Sewer Const. Co., 165 Lindley
 Burns Co., Lindley
 Casey & Hurley, 120 Pequonnock
 Chatlos William F., 1374 Barnum av
 Cocozza Louis H., 231 Newfield blvd
 Doherty Joseph & Bro., 236 Center
 Dowling & Bottomley Co., 1119 Broad
 Gallagher Building Co., 257 Courtland
 Grant & Fanning, 49 Yale
 Hubbel S. W. Bldg. Co., 589 Knowlton
 Langlands—Whitney Co., 142 Golden Hill
 Ley E. T. Co., 1024 Main
 McCarthy Geo. T., 929 Ironistan av
 Marsh Bros. Co., R. F. D. 1
 Martin William & Son, 164 State
 Martucci R., 539 Ogden
 Nording F. George, 1403 Boston av
 O'Brien Timothy & Son, 137 Black Rock av
 Pardy T. J. Const. Co., 15 Fairfield av
 Phillips William R., 1188 Main
 Pierce B. D. Jr. Co. (Macadam Roads, Sewers, etc.), 122 Bank
 Pierce Mfg. Co. (Sewers, etc.), 785 Housatonic av
 Progressive Building Co., 738 Grand
 Schultz Algott, 222 Union av
 Sheehan John R., Court Ex. bldg
 Smith W. A. & Son, 188 Cannon
 Toole & Sunderlin (Docks, etc.), Warner bldg
 Zitnay Andrew, 603 Arctic
 BRISTOL—Condon P. H. & Co. (Excavating)
 DANBURY—Olmstead Fernando C.
 Sturgess Frank M.
 Sweeney Luke F.
 DERBY—Eastern Engineering & Const. Co.
 GREENWICH—Christiano Joseph
 Cumiskey John H.
 HARTFORD—Andrus Chas. B. & Son
 Balf Edw. Co. (Excavating, etc.)
 Barrett Robert W.
 Bungalow Construction Co.
 Burgess Construction Co.
 Caulkins W. E. & Son
 Curtiss & Dean
 Fox T. R. & Son
 Grozier Jas. H. Co.
 Hills Alfred L.
 Jones Richard F.
 McIntyre & Ahearn
 Mahl Herman
 Malcolm Thos.
 Miskill Edw. J.
 Nevils Bros.
 Newton Theo. & Co.
 Nolan John F.
 O'Donnell Co.
 O'Loughlin James
 O'Neil Wm. F.
 Pierson Eng'g & Const. Co. (Roads, Bridges, etc.)
 Porteus Robert
 Provost Napoleon L.
 Purves Adam
 Scoville Wm. H., 720 Main
 Smith & Des Champs
 Squires Walter L.
 Stenson Oliver E.
 Waterman Harlan P.
 Wise & Upson
 HAZARDVILLE—Bridges Amos D. Sons
 LITCHFIELD—Fabbri Frank

MERIDEN—Kearney Thomas (Road)
Lane Construction Corp. (Macadam
Construction, etc.)
Lines H. Wales Co.
Suzio Leonardo Const. Co. (Roads)
Tomassetti & Di Marco Const. Co.
York Hill Trap Rock Quarry Co.
(Roads, Bridges, etc.)

MIDDLETOWN—Annino Jos. S.
Arrigoni F. & Bro.
\$Baldwin Linus
Brazos A. & Sons
Donahoe Bros. (Excavating, Grading,
etc.)
\$Glynn John W.
\$McKenzie Donald
\$Moore Harry S.
\$O'Brien Dennis
\$O'Connor James
\$Stone C. O. & Son

MILFORD—Clark Elbert N. (Roads)

NAUGATUCK—Dunn Jeremiah H.

NEW BRITAIN—Baker Milton O. (Con-
crete)
Cadwell Archie B. (Sewers, Grading,
etc.)
Cadwell Chas. B. (Excavating & Grad-
ing)
\$Carlson & Torel
Crowe Thos. W. (Mason)
\$Downes John E.
\$Hibbard B. H. Co.
Lyman Abner A. (Sewer & Grading)

NEW HAVEN—Abate Bros., 308 Ferry
Augur Chas. E. Co., 549 Elm
*†Blakeslee C. W. & Sons (Sewer &
Paving), 58 Waverly
Blatchley Burton N., 902 Chapel
Brazos Frank (Excavating, Sewer,
etc.) 808 Elm
Carmichael D. G. (Mason), 902 Chapel
\$Church Jas. A. Co., 262 Sherman av
\$Clark David H. Co., 166 Brewery
\$Coan M. A., 185 Church
Colwell Philip (Sewer, etc.), 21 Gil-
bert
Connecticut Concrete Co., 185 Church
Conn. Hassain Paving Co., 902 Chapel
Dahill F. J. Co., 217 Water
Daley Robt. D. Co., 6 Church
Dwyer & Mannix, 335 Shelton av
\$Gibbud M. J. Co., 107 Water
Grant G. M. Co., 865 Chapel
\$Hedges Geo. L., 335 Norton
\$Hildreth J. D. & Son, 514 Elm
Hoffman Elias W. (Excavating), 39
Center
Hogan Jas. H., 138 Davenport av
Hoggson Bros., 129 Church
Hubbell & Merwin Co., 19 Artizan
\$Humphrey John (Paving, Grading,
etc.), 56 Perkins
Imperial Const. & Rl Estate Co., 42
Church
Larson Oscar, 515 Quinpiac av
*Lathrop & Shea Co., 185 Church
Leonard J. N. & Co., 902 Chapel
\$Lowe John, 352 Grand av
\$McCauley Harry, 42 Helen Hamden
\$McPeeters Chas., 586 Orchard
Maher Thos. F. (Sewers), 883 Orange
Montgomery Bros. (Excavating &
Grading), 58 Lombard
\$Murdock Chas. W., 185 Church
New Haven Engineering & Const. Co.,
82 Church
\$Notkins A. L. & Sons, 23 Church
\$O'Brien Laurence, 70 Beach
*O'Connor & Andrews (& Concrete), 47
Orange
Palmer & Lynch, 415 Campbell av
\$Paterson Wm., 47 Orange
\$Ritchie Wm. Co., 115 Bishop
Russell Sam'l C., 185 Church
Sherman John L. (Grading, etc.),
253 1st av, W H
*†Sperry Engineering Co., 82 Church
Sperry & Treat Co. (Masons), 39
Church
Standard Construction Co., 42 Church
Sterling Construction Co., 902 Chapel
Sullivan & McKeon, 902 Chapel
\$Thomas & Hobro Co., 340 Howard av
Thompson J. P. (Excavating, Grading,
etc.), 204 Goffe
\$Todd Jas. E., 546 State
Warner Geo. W., 29 Circular av
Waterhouse Charles R., Jr. (Bridges,
etc.), 74 Park
\$Wharton G. D., 213 Winthrop av
Wooding C. F. Co., 185 Church

NEW LONDON—Andre B. (Excavating,
etc.)
Burch Horace O.
\$Cruise Edwin
Doland, J. A. & Co.

Douglas H. R. (Inc.)
*Fitzgerald J. E. Construction Co.
(Masonry)
\$Fowler O. L. (Mason)
\$Harvey Wm. A.
\$O'Connell Michael
Redden Const. Co. (Excavating &
Grading)
\$Ryan J. J. (Stone & Cement)
\$St. Germain Joseph A.
Scott T. A. & Co. (Dredging, Pile Driv-
ing)
\$Smith & Perry

NORTH HAVEN—Bruce Lawrence (Road)

NORWALK—Carr Herbert V. (East Nor-
walk)
Malkin A. R. & Co.
St. John & Keyser
Smith Gibson (Mason)

NORWICH—Blackledge H. & Co., 25 Sev-
enth
Connecticut Engng. & Const. Co.
Del Carlo C.
Dodd Thos. J. (Sewer)
Fenton Bros. & Co., Otis & McKinley
av
McQuirk Wm. H.
\$Peck McWilliams Co.
*Torrance Archibald (Sewer, Public
Works, Waterworks, etc.)
Williams C. M.

OAKVILLE—\$Abbott Chas. F.
Murphy E. & F.

PUTNAM—\$Wheaton Bldg. Lumber Co.

SEYMOUR—Church Stephen B. (Water
Works)
Lanyon Jos. I. (Sewer)

SOUTH MANCHESTER—Baker L. C. Co.
(Concrete)

SOUTH NORWALK—Maring H. Const.
Co.

STAMFORD—Aievoli G., Washington bldg
Arthur W. H., Washington bldg
Genovese Bros., 290 W Main
Harris Benj. J., Bland bldg
O'Connor Concrete Const. Co.
\$Sarsfield Thomas C., 324 Main
Shea-Sullivan Co., Main
Spelke Const. Co., 56 Park Row
Vuono Const. Co. (Masons), Bank bldg

TORRINGTON—De Michel John
Torrington Building Co.

WALLINGFORD—Loucks & Clarke Co.

WATERBURY—Altieri Bros., 1560 N
Main
Barbara & D'Aurio (Sewers)
Bernier Victor, 953 Baldwin
Chatfield George S. Co.
Cronin D. E.
\$Delowry Thos. A.
Gaffney J. W. Son, 427 E Main
Goldsmith & Chatfield, 672 W Main
†New England Engineering Co., 23 W
Main
Spinach Henry Contracting Co. (Ex-
cavating, Grading, Sewer, etc.), 216
Lounsbury
Tracy Bros. Co. (Masons)

WEST HAVEN—(See New Haven)

WILLIMANTIC—Ahern Construction Co.
Latham & Crane

WINSTED—Carey J. F. (Grading, Water-
works & Public)

DELAWARE.

WILMINGTON—Bader J. A. Co., Dupont
bldg
\$Barkley N. Smith, 1324 W 5th
\$Dangel David & Sons, 506 N Van
Buren
\$Downward Alfred, 809 Tatnall
\$Haddock Wm. D. & Co., 804 Orange
\$Hamilton Jos. S. (Mason), 829 Orange
Healy John E. & Son, 707 Tatnall
Jones Wm. H. Contracting Co., 823
Shipley
Manufacturers' Contracting Co. (En-
gineers), Law bldg
Melvin Thos. H., 525 E 9th
\$Reed A. S. & Bro. Co. (Public Work
& Masonry), 815 Shipley
Tindall Chas. H. & Son, 614 Tatnall
Tindall Wm. S., 511 W 9th

DISTRICT OF COLUMBIA.

WASHINGTON—Ahmay G. L. & Son, 1217
N. Y. av, N W
Allen Construction Co., 1413 H. N W
\$Avery Walter B., 632 G, N W
Bache Arthur J., 1225 11th, N W
Baden Henry W., Evans bldg
\$Beahm & Rice, 615 14th, N W
Beall Construction Co., 612 14th, N W
Bean James W., N W cor. 14th & M,
N E

Boryer Harry F., 1300 F., N W
Boyle-Robertson Constr. Co., 1516 H,
N W
Brenizer Warren F. Co., 141 Q, N W
Brennan Construction Co. (General
Engineering Contractors), Dist.
Natl. Bank bldg
Carmody Frank S. Construction Co.
(Public Work), 1413 G, N W
Case Walter, 817 G, N W
Cassidy Chas. J. Co., 6th & Irving
\$Clarke & Winston Co., 10th & Wharf,
S W
Collins Chas. D., 719 18th N W
Corbett Geo. W., 409 10th N W
Cranford Paving Co. (Caisson & Bridge
Foundations), 2620 E, N W
Darby Rezin W., 3009 P, N W
\$Davis Construction Co., Union Trust
bldg
De Lacy E. J., 638 G, N W
Dick Contractor Co., Colorado bldg
Drew Fred Co., Woodward bldg
Edmonston Sam'l H. Co., 611 G, N W
\$Fersinger Peter, 1 N, N W
Fuller Geo. A. Co., Munsey bldg.
Garrett Wilbur R., 1416 F, N W
\$Gibbs J. B., 1633 O, N W
Gormley P. F. Co., Union Trust bldg
Gummell Edw. G. (Sewer & Public),
36 P, N W
Hampton Thomas, Real Estate Tr.
bldg
Harper Wm. F., 68 V, N W
Hull Henry, 1418 F, N W
\$Kennon Chas. C., 715 18th, N W
Langley Chas. A., 310 12th N W
Leaman Lafayette, 1426 N. Y. av
\$Lipscomb Wm. P. & Co., 1405 F, N W
Loehler G. G. Co., Franklin Nat'l Bk.
bldg
McCray Wm. H., Bond bldg
McKay & Morris, 1336 G, N W
Marshall Jas. L., 700 10th N W
Melton Const. Co., Real Estate Trust
Bldg
Miller W. C. & A. M., Bond bldg
\$Mooney W. E., Evans bldg
Murray W. D. & Co., Bennings rd
Nash Franklin P., 1331 8th, N W
Nolan John H. Construction Co., 1413
G, N W
\$Parsons Jas. L., Munsey bldg
Perry Chas. B., 3022 14th, N E
Poynton Arthur M Co., 715 14th, N W
Prescott Sam'l J. & Co., 814 13th N W
Reeve Wm. K., 826 19th N W
Richardson & Burgess, Colorado bldg
Rusk Robert V., Evans bldg
Seaton B. F., 62 Q, N W
Skinker & Garrett, 1416 F, N W
\$Smith Arthur L. & Co., Woodward
bldg
Sorrell Richard H., 329 N, S W
Stutler Warner, 1225 N. J. av N W
Tepper & Diamond, 504 E, N W
Upton Smoot Constr. Co., Wash. L. &
T. bldg
Vinson Contracting Co., 203 Indiana av
\$Wagner Frank L., 1413 H, N W
Wardman Harry, 1430 K, N W
Watts H. D. Co., Riggs bldg
Weller Michael A., 816 14th, N W
Wells Bros. Co., Riggs bldg
\$Whitty R. P. & Co., Union Trust bldg
Wilkinson Jos. R., 3326 N, N W
\$Wischhusen John, 811 Butternut, N
W
\$Wyne Geo. E., Munsey bldg
Yost Amos S., 1004 Pennsylvania av
S E
Yost Wm., 1315 11th S E
Zepp Guy S., Southern bldg

FLORIDA.

JACKSONVILLE—Bowen-Ramsey Co.
(Paving)
Bryan & Co. (Macadam Roads)
Foster & Long
Jacksonville Concrete Co.
Long Fred W. & Co.
Richardson Frank M. Co.
Richardson W. P. & Co.
Ross R. G. (Public & Government
Work)
Woodcock O. P.

MIAMI—Art Stone Construction Co.
Johnson & Co.

PENSACOLA—Blount F. M. Construction
Co.
\$Clubbs A. V.
Davis L. M.
Fulghum S. F. & Co.
Pons & Sunday
Southern Paving Construction Co.
Turner C. H. & Co.
Willis C. W.

PLANT CITY—Chapman Edgar
ST. PETERSBURG—Crescent Co. (Concrete)

Eureka Stone & Paving Co.
 Henry Walter C. & Son
 Hunt Geo. L.
 Southern Construction Co.
 Williams W. B.

SARASOTA—Burns & McAlpine
 Harvey J. W.
 Howard & Wread

TALLAHASSEE—Childs Bros.
TAMPA—Bates-Hudnell-Jetton Co.

Cahow Construction Co.
 Cole W. V.
 Davis Robt. L.
 Edwards Construction Co.
 Holmes & Binkley (Paving, etc.)
 §Levick & Mobley
 Logan Bros.
 McGuckin & Hyer
 McNeil & Webb
 Miller G. A.
 Parker E. W.
 Sherrill T. B. (Paving, etc.)
 Walker D. C.

GEORGIA.

AMERICUS—Americus Const. Co.
ATLANTA—Austin Bros. (Bridge Construction)

Bernhardt Chas. Wm.
 Bray G. H.
 Brown I. N., Peters bldg
 §Brown J. H. Co.
 Carr H. J. & Co.
 Case & Cothran
 §Clayton Geo. A. (Bldr., etc.)
 Donaldson & Pearson
 Dowman-Dozier Mfg. Co.
 §Fischer J. A.
 Flagler Co.
 Francis W. P.
 Fulton County Home Builders
 George Wm. H.
 Griffin Construction Co.
 Gude & Co.
 §Hamilton Alex D.
 Hard Straiton
 §Hopkins P. B.
 Kalb & McCaully
 *Lane C. W. & Co. (R. R., etc.)
 §Lee D. J.
 McCrary J. B. Co.
 §Mackie Const. Co.
 Mashburn W. E.
 Miles & Bradt Co., Austell bldg
 Miller C. E.
 Myers C. B., Constr. Co.
 Nichols Contracting Co.
 Oxford J. E., 310 Hemphill av
 Pittman Construction Co.
 Shelverton C.
 Souders Byron (Paving, etc.)
 Southern Constr. & Supply Co. (Public Buildings, Municipal Improvements, etc.)
 Southern Ferro Concrete Co.
 Walker R. M.
 Wesley T. C. & Paul
 York T. M. & Co.

AUGUSTA—Brown T. O. & Son

Daly T. J.
 Rowland & Branch
 Twigg A. J. & Sons (Engrs.)

COLUMBUS—Barlow M. C.

*Gardner & Doughtie (R. R.)
 Georgia Paving & Construction Co.
 *Hardaway Contracting Co. (Bridges, etc.)
 §Jordan Co.
 Pollard M. J. C.
 Wooten L. E.

CORDELE—Hinton W. C.

Little & Phillips
MACON—Beeland W. J.
 Cornell-Young Co.
 Elkan M. M. (R. R., etc.)
 Preston-Small Constr. Co. (Paving)
 Schofield-Burkett Const. Co.
 *Williams W. Z. Co. (R. R., etc.)

MANSFIELD—Mansfield Lumber & Construction Co.

SAVANNAH—Gadsden Contracting Co.
 Hawley W. O.
 Mallonee Engineering Co. (Stone Setting)

Morgan E.
 Otto Geo. F.
 Savannah Engineering & Const. Co.

WAYCROSS—Darling Construction Co.
 §Parker V. C. & Son

WRIGHTSVILLE—§Chester W. C.

IDAHO.

COEUR D'ALENE—Carscadden Bros.
 POCATELLO—§Green R. H.
 Hurst Leo
 TWIN FALLS—Pape M. H.
 WALLACE—§Freedner Charles

ILLINOIS.

ALTON—Wuellner J. J. & Son
 ANNA—§Shipley James M.
 ARCOLA—Goggin Construction Co.
 ARLINGTON HEIGHTS—Boeger John C.
 Meyer Wm. & Son
 Myer Henry G.
 AURORA—Briggs E. D.
 Doan Israel & Sons Co.
 Frisch Nicholas
 Graham Wm. H.
 Sylvester Edmond
 BELLEVILLE—Reeb Bros.
 Teufel-Kloess Co.
 BLOOMINGTON—Bloomington Const. Co.
 §Bowman C. C.
 Burnham & Ives Co. (Bridges, etc.)
 McCarthy M. C.
 Russell G. A.
 Ward Edw. (Mason)
 BRADLEY—Moroff John & Son
 BUSHNELL—Schaff C. S.
 Wiegert Construction Co.
 CHAMPAIGN—Davis C. W.
 English Bros.
 §Freeman & Brooks (Masons)
 Nofftz R. T.
 Norman U. G.
 Stipes & Pilcher (Paving, etc.)
 Stoolman A. W.

CHICAGO—Adams Constr. Co., 111 W Washington

Adams Wm. Co., 209 La Salle
 Aetna Paving Co., 133 W Washington
 Allan Geo. & Co. (Masons), 625 W 69th
 Allen & Garcia Co., 332 S Michigan
 §Allison & Goldbeck, 109 N Dearborn
 Anderson A. & E. Co., 19 La Salle
 Anderson-Stevens Co (Mason), 30 N La Salle
 Anderson Strandberg Co., 19 La Salle
 Anderson & Wimblads, 6235 S Michigan av
 §Andrews Wm. R., 3839 Ellis
 §Appel Henry L. Co. (Masonry), 179 W Washington
 Archibald E. L. Co., 23d & Robey
 B. & W. Construction Co., 10 S La Salle
 Baldwin M. E. Construction Co., 140 S Dearborn
 Balkan Construction Co., 53 W Jackson blvd
 §Barnard H. B., 140 S Dearborn
 *Bates & Rogers Construction Co. (Engineers & Contractors), 37 W Vanburen

Benson & Peterson 437 Leclair av
 Bergendahl-Knight Co., 111 W Monroe
 §Bernitter Frank H., 127 N Dearborn
 Bishop H. A., Commercial Nat'l Bk. bldg

Bjork Bros., 3811 Forest av
 Black James Masonry & Contracting Co., 212 W Washington

Blase Hans, 5019 Pensacola av
 §Blome-Sinek Co., 139 N Clark
 Bostrom Chas., 3807 N Clark

§Boyce W. E. Bldg. & Mfg. Co., 1553 Wells

Brady W. B. Const. Co. (Paving), 111 W Washington

Brennan Const. Co., 11 N La Salle
 §Brittain John J. Co., 105 W Monroe

Brundage Avery, 846 Bradley pl
 Buck Niels & Co., 105 La Salle

Building Const. Co., 343 S Dearborn
 Bulley & Andrews, 25 N Dearborn

Bunds Bros. (Cement), 1018 E 75th
 Burke-Peterson Const. Co. (Cement), 2114 Lincoln av

§Burrell Engineering & Construction Co., 323 S La Salle

Busch Rudolph J., 30 N La Salle
 §Bushnell Carl, 167 W Washington

Byrne Bros. Dredging & Engineering Co., 208 S La Salle

Callahan-Mandl Co., 105 N Clark
 Calumet Concrete Const. Co., 100 W 115th

§Canadian-Leonard Const. Co., 332 S Michigan av

Canal Construction Co. (Excavating, etc.), 189 W Madison

Carnegie John L. & Son, 19 S La Salle
 Carter W. G., 13 Washington

Caughlin F. P. (Paving), 30 N La Salle

Central Paving Co. (Street), 179 W Washington

Chapman Chas. (Mason), 118 N La Salle

Chicago Building Const. Co., 4770 Lincoln

Chicago Drainage Const. Co., 30 N La Salle

Citizens' Const. Co. (Excavating, Grading, Sewer, Street, etc.), 133 W Washington

§Clark A. R. & Co., 30 N Michigan av
 §Clark C. Everett Co., 69 W Washington

Clayson Edw. (Masonry), 1307 N Harding

Cleary-White Const. Co., 105 W Monroe

§Clifford S. & Co., 13 La Salle

Cohlgraff Henry J., 133 W Washington

Connelly Joseph L. Co. (Masonry), 133 Washington

Continental Bridge Co., 53 W Jackson blvd

Conway R. F. Co. (Brick, Paving, etc.), 133 W Washington

Cook James W., 327 S La Salle

Crilly Wm. M. Co., 35 S Dearborn

Croake James J. (Cement), 2927 Fullerton av

*Cullen-Friedstedt Co., 7 S Dearborn

Cullen Geo. P. (Bridges), 155 N Clark

Custodis Chimney Co., 140 S Dearborn

Daegling A. V. (Mason), 9000 Houston av

Darling & Eitel Co., 205 W Rand

Desmond Owen E., 429 Plymouth ct

Dillon Jno. & Co., 179 W Washington

Doherty Frank E., 133 W Washington

Dolese Bros. Co., 10 S La Salle

Dolese & Shepard Co. (Paving, etc.), 108 S La Salle

Dowling & Rutherford, 54 W Randolph

Downey Joseph, 30 N La Salle

Drumm Constr. Co., 332 S Michigan av

*Dunn-McCarthy, 405 S Dearborn

Egan & Co., 133 W Washington

Ellenberger H. & Co., 122 S Michigan av

Entin & Rubin (Mason), 1357 W Rockwell

Ericsson Henry Co. (Heavy Masonry), 139 N Clark

§Eshelman Jas. C., 35 N Dearborn

Ferro Construction Co., 537 S Dearborn

*Fitzsimmons & Connell Dredge & Dock Co. (Dredging, Timber Dealers, Canals, Piers, Tunnels, Foundation), 2413 S Paulina

*Flick J. H. Const. Co., 37 W Vanburen

Ford & Phillips Co., 723 S 5th av

Foundation Co., 209 S La Salle

§Fox Geo. H. & Co. (& Masons), 202 S Clark

Frandsen Const. Co., 64 W Randolph

§Fuller Geo. A. Co., 140 S Dearborn

Fulton Asphalt Co. (Paving, etc.), 53 W Jackson blvd

Gage Thos. G. Co., 111 W Monroe

§Galbraith & Bowers, 177 La Porte av

Gallery John J. (Bridge), 133 W Washington

Gebhardt John & Son, 1825 Orchard

General Cement Const. Co., 1108 W Lake

§Gindele Chas. W. Co., 3333 La Salle

Goldie Robert Co., 19 S La Salle

§Grace Wm. Co., 519 S Oakley av

§Great Lakes Dredge & Dock Co. (River & Harbor), 104 S Michigan av

Green & Sons Co., Orland

Griffiths John & Son Co. (Fire Proof Buildings), 112 W Adams

Haigh Joseph & Sons Co., 140 S Dearborn

Hammond John Co. (Masonry), 68 W Washington

Hanreddy Joseph (Paving), 127 N Dearborn

Healy Wm. F. (Sewers, etc.), 82 W Washington

Hendry Alex., 320 W Grand av

*Heyworth James O. (R. R., River & Harbor), 606 S Michigan av

Hinchliff Geo. Co., 189 W Madison

Hoeffler & Co., 133 W Washington

Hoffman W. L. & Co., 144 W 47th

Hoover & Mason, 80 E Jackson blvd

Horton & Moseley, 140 S Dearborn

Hough A. G. & Bro., 10605 S Wood

Howard A. L., 19 S La Salle

Hunter S. M. & Co., 5643 Harper av

Hyland R. H. & Co., 323 Wells

Illinois Improvement & Ballast Co., 208 S La Salle
 \$Iverson E. & Sons, 175 W Jackson
 Janisch John L. (Cement), 530 Ravenswood av
 Jeffrey John Co., 127 N Dearborn
 Jensen J. C. & Co. (Cement Paving), 2022 St. Lawrence av
 Jensen & Steenhil, 105 S Dearborn
 Johnson F. & Co. (Cement), 1943 N Cal. av
 Johnson G. A. & Son, 1335 N Clark
 Johnson John H., 1142 S Michigan
 Johnston A. Jr. & Co., 111 W Monroe
 Jones Const. Co., 1748 W Madison
 Jones & Winter, 53 W Jackson blvd
 *Jordan O. F. Co., 332 S Michigan av
 Kalchbrenner John, 133 W Wash'n
 *Kearns T. A. & Co. (Bridges, Docks, etc.), 343 S Dearborn
 Kehl G. & Son Co. (Cement), 1225 N Maplewood av
 Kelly-Atkinson Const. Co. (Steel Bridges, Buildings, Roofs, Viables), 189 W Madison
 Kenwood Bridge Co., 1st Nat'l Bk. bldg
 Ketler-Elliott Erection Co. (Bridge), 155 N Clark
 Kilgore W. B., 1272 W North av
 \$Krahl Const. Co., 62 W Madison
 Kreamer & Co., 118 N La Salle
 \$Krietenstein John, 35 N Dearborn
 Krug Wm. & Son Co. (Excavating, etc.), 6529 S State
 Lane A. W., 19 La Salle
 \$Lanquist & Illsley Co., 1100 N Clark
 \$Lauk Bros., 3257 Grenshaw
 Lauth Philip, 29 S La Salle
 Leafgreen Hans A., 133 W Wash'n
 Leake T. S. & Co., 608 S Dearborn
 Leonard Construction Co. (Engineers & General Contractors, Warehouses, Mfg. Plants, Railway Buildings, Power Houses, Bridge Masonry, Reinforced Concrete, etc.), 332 S Michigan
 Leyden-Orsteifen Co., 53 W Jackson
 Lorenz Bros. & Co. (Cement) 4540 W. Madison
 *Lorimer & Gallagher Co. (R. R., Canal, Masonry & Heavy Concrete), 226 La Salle
 Lotz Philip & Co., 56 E Randolph
 Lund & Nelson (Masonry), 19 S La Salle
 Lyman Wm. H. (Paving), 155 N Clark
 Lynch Austin J. Co., 111 W Monroe
 McCarthy Bros., 10 S La Salle
 McColl Const. Co. (Masonry), 327 S La Salle
 McCumber Wm., 140 S Dearborn
 McGarry John A. & Co. (Paving), 189 W Madison
 McGovern M. H. (Paving, etc.), 332 S Michigan av
 McGuire J. J., 546 W Vanburen
 \$McKeown Bros., 4817 Cot. Grove
 \$McLachlan Bldg. Co., 112th & Pullman
 McLeod Alex., 608 S Dearborn
 *McMillan Contracting Co. (R. R. Steam Shovel Work, etc.), 37 W Vanburen
 McWilliams R. H. & G. A. (Drainage, etc.), 332 S Michigan av
 *MacArthur Bros. Co., 208 La Salle
 MacLean Constr. Co., 76 W Monroe
 Marquette Const. Co., 133 W Wash'n
 Martin Const. Co., 74 W Wash'n
 Mavor Wm. Co., 72 Adams
 Mayclim & Duncan, 621 S Dearborn
 Maynard Everett W., 6408 Harvard av
 Meilting & Co., 139 N Clark
 Menke, Thielberg Co., 139 N Clark
 \$Meyne Gerhardt F., 127 N Dearborn
 Modera Building Const. Co., 1407 W Grand av
 Monolithic Silo & Construction Co. (Concrete Work), 122 S Michigan av
 Morava Const. Co., 85th & Stewart av
 Moreland H. D. Co., 105 N Clark
 Morrice Wm. Co., 17 N La Salle
 \$Moses Chas. A. Const. Co., 133 W Washington
 \$Mueller Const. Co., 179 W Wabash
 Muller Franklyn R. & Co., 8 S Dearborn
 †Myers L. E. Co., 53 W Jackson blvd
 Myrick Franklin W., 108 S La Salle
 *Nash Bros. (Underground Improvement), 10 S La Salle
 Nash-Dowdle Co. (Sewer, Public & Government), 29 S La Salle

Nelson F. P. & Sons Co., 139 N Clark
 Nelson Jos. E. & Sons, 118 N La Salle
 Nelson & Lewin, 30 N La Salle
 Neumkirchen & Hausch (Masonry), 133 W Washington
 Newman W. J. Co., 19 N Curtis
 New York Continental Jewell Filtration Co. (Government, Municipal, Industrial & Railroad Work), 111 Monroe
 Nicholson & Zimmerman, 133 W Washington
 Nielsen S. N. & Co., 3059 Augusta
 Niemz Arthur R., 847 Bradley pl
 Norcross Bros. Co., 3943 Union av
 *†North American Railway Construction Co. (R. R.), 53 W Jackson blvd
 North Shore Improvement Co., 25 Dearborn
 O'Brien & Jackson Const. Co., 25 S La Salle
 O'Connor J. P. & J. W. Co., 1559 Estes av
 Ogle Const. Co., 332 S Michigan av
 \$Olson Bros., 6200 Evans av
 Paddock Bond & Co., 25 N Dearborn
 Parker-Washington Co. (Paving), 68 W Washington
 Peters H. A. Co., 19 S La Salle
 Peterson Wm. F., 110 S Dearborn
 Pfannmueller Engineering Co. (Power Plants, etc.), 38 S Dearborn
 Pillinger W. A. Co., 11 S La Salle
 Pitkin F. H. (Concrete), 30 N Michigan
 Pleas Concrete Const. Co., 30 N La Salle
 Porter Chas. M. (Sewer, etc.), 111 W. Washington
 Powell Bros. (Cement Paving), 11 S La Salle
 Powers M. F., 30 N La Salle
 Prendergast T. J., 138 N Clark
 Proudfoot Frank G. (For Public Works), 127 N Dearborn
 Pruitt & Moore, 7541 N Ashland av
 Purcell Bros. (Excavating, Grading, etc.), 3226 Ogden av
 Rauen Math., 111 W Washington
 Rawson & Greene (Cement), 6410 Cottage Grove av
 Raymond Concrete Pile Co., 111 W Monroe
 Regnell B. J. Co., 19 S La Salle
 \$Reidenouer & Erickson, 535 E 47th
 Rennacker Construction Co., 10 S La Salle
 \$Rich Arthur J. & Co., 8 S Dearborn
 *Roberts Bros., 17 N La Salle
 Roberts & Schaefer Co. (Engineers & Contractors for Coal Handling Plants of All Kinds), 332 S Michigan av
 Robinson John C. & Son, 79 W Monroe
 Rodatz J. (Masonry & Public), 209 S La Salle
 Rosenthal O. W. & Co., 80 E Jackson blvd
 Ross J. A. & Co. (Cement), 4561 Armitage av
 Rowley Bros., 812 W 63rd
 Russell Wm. J. & Co., 58 W Wash'n
 Ryan Co., 4500 W Division
 Sackley Jas. A. Co. (Paving & Public), 1004 St. Keeler av
 Salomon Wm. E. & Co., 175 W Jackson blvd
 Salomon-Waterton Co., 343 S Dearborn
 Scheidenhelm Edw. L., 111 W Monroe
 Schillinger G. A., 133 W Washington
 Schmidt Bros. Const. Co., 105 N Clark
 Schmidt Constr. Co. (Paving), 904 W Washington
 Scown Wm. J. Bldg. Co., 36 W Randolph
 *Scribner Gilbert H., 108 S La Salle
 \$Severin N. P., 82 W Washington
 Shelden Jas. & Co., 106 N La Salle
 Shnable & Quinn, 30 N La Salle
 Siebold F. A. & Son, 189 W Madison
 Simpson Const. Co., 1113 S Hermitage av
 Simpson Ralph H. Co., Hearst bldg
 Skafgaard A. (Concrete), 1656 Keystone av
 Skoglund Aug. H., 179 W Washington
 Snyder J. W. Co. (Heavy Masonry, etc.), 122 S Michigan av
 Sollitt Oliver Const. Co., 209 S La Salle
 \$Sorenson Louis, 189 W Madison
 Sproul E. W. Co., 1120 W 35th
 Standard Concrete Const. Co., 108 S La Salle
 Stewart Jas. & Co., Westminster bldg
 Stiles Geo. W. Const. Co., 209 S La Salle

Stoddard Const. Co., 343 S Dearborn
 Stowell Frank H. Co., 137 S La Salle
 Strandberg E. P. Co., 5010 S Wabash av
 Stresenreuter Bros., 3020 S Halsted
 Suspension Steel Concrete Co., 111 N Jefferson
 Sweiberg Chas E. (Mason), 82 W Washington
 \$Swift Geo. B. Co., 189 W Madison
 \$Tampary C. P., 614 S Halstead
 \$Thompson-Starrett Co., 175 W Jackson blvd
 Thomson G. & Son Co., 30 N La Salle
 \$Todd J. & Co. (Masonry & Public), 19 S La Salle
 Treadwell Const. Co., 208 S La Salle
 Turner F. A., 6979 N Clark
 \$Turnes W. J. Co., 35 S Dearborn
 Turnquist Bros. (Mason), 217 E 69th pl
 Union Contracting Co., 53 W. Jackson blvd
 Union Paving Co., 108 S La Salle
 U. S. Dredge & Dock Co., 29 S La Salle
 Walsh & Masterson (Pile Driving), 105 N Clark
 Warner Construction Co., 189 W Madison
 Warwick Construction Co. (For All Classes of Fire Brick Work), 1048 W Harrison
 Washington Construction Co., 118 N La Salle
 Wells Bros. Co., 53 W Jackson blvd
 Wesche John A. (Masonry), 163 W Washington
 Wieboldt Construction Co., 1534 W Van Buren
 \$Williams Constr. Co., 900 W Lake
 Wilson R. F. & Co., 154 W Randolph
 †Witherspoon-Englar Co., 53 W Jackson blvd
 \$Woodley Wm. T., 6 N Clark
 *Yale & Reagan, 11 S La Salle
 Yauger & Co., 133 W Washington
 Young & Co. (Concrete, etc.), 5 N La Salle
 CHICAGO HEIGHTS—Fuller Geo. H.
 DANVILLE—Carter Bros. (Dredging)
 Clark Construction Co.
 Gillespie Lowell
 Howell J. W.
 Mitchell J. H.
 Moore E. S.
 Olson John
 Pierce Wm. L.
 Poll J. C.
 Quint Frank
 Randall Edwin
 Schingel Jos. Jr.
 Sheets-Ingersoll Co.
 Stevens Chas. E.
 Yeager M. & Son
 DECATUR—Baldridge Bros.
 Cope L. N. & Son
 Decatur Construction Co.
 File & Alexander
 Henton John R.
 Hunt L. F.
 Knight W. E.
 McCalman Construction Co.
 Neeld Benj. M.
 Rakow Emil C.
 Reid Wm. E.
 Riney Thomas D. & Co. (Excavating & Grading)
 Stouffer Bros.
 Tuttle Sheridan A.
 DIXON—McAlpine W. J.
 EAST ST. LOUIS—Carr Commodore
 Hall Howard H. Const. Co., Murphy bldg
 Keeley John & Patrick (Paving, Concrete, etc.), 2100 State
 Meyer & Thomas Const. Co., Cahokia bldg
 Murphy Construction Co., Murphy bldg.
 Owens John & Son
 ELGIN—Illinois Hydraulic Stone & Construction Co.
 Logan & Gieritz Construction Co.
 Lydon M. J.
 Smith S. A.
 Wright J. A.
 EVANSTON—Dupre Christian
 Ekstrand Oscar & Co.
 Evanston Bldg. Mat'l Co. (Mason)
 Foley M. Co.
 McCann Co.
 Mathews Jas.
 FREEPORT—Babcock Alex. L.
 \$Blackhawk Construction Co.
 Hineline J. M. & H. H.
 Shons Wm. H. (Stone, Concrete Bridges, etc.)

GALESBURG—McAuley J. B. (Paving, Sewer, etc.)
 Monmouth-Galesburg Construction Co.
 Munson P. O.
 Olson Peter T.
 GALVA—Lind J.
 GENEVA—Wheeler John Construction Co.
 (Work of All Kinds)
 GOLDEN—Golden Lumber & Contracting Co.
 JACKSONVILLE—Cherry John (Paving, Sewer, etc.)
 De Gouveia Jos.
 Robinson W. D. & Sons
 Vasconcellos & Sons
 JOLIET—Alhin Victor O.
 Chalmers J. E.
 Hansen & Peterson Co.
 Latz Henry
 Pease Sidney B.
 Welch Construction Co.
 KANKAKEE—Cleland G. A.
 Collins T. P.
 Houde Construction Co.
 McAndrews John
 McMullen Harry (Paving)
 Paulissen J. P.
 Roat Oakley
 KEWANEE—Carlson A. E.
 LANARK—Sword G. W. & Son
 LA SALLE—Goodman E. & Co
 Keys T. W. (Sewer & Paving)
 Koch Wm.
 MACOMB—Fuhr J. H.
 MATTOON—Bresee Mfg. Co. (Bridges, etc.)
 MOLINE—Brissman & Co.
 Heaps Clarence E. (Bldr. & Gen'l)
 Lorenz P. H.
 Lundahl Bros. Fuel & Contracting Co.
 Peterson Peter (Bldr. & General)
 MONMOUTH—Cochran A. N.
 NEWMAN—Vermillion Wm.
 NORMAL—Huffington R. M.
 OAK PARK—Bernard J. L. S.
 Caron August S.
 Goelitz Henry G.
 Harper & Buttendorff Co. (Masons)
 Sias & Grenfell
 Smith C. D. & Son (Cement)
 OTTAWA—Dougherty J. M. (Sewer)
 Jeffrey W. A. & Sons
 McCormick John C.
 Sinnott Bros.
 PEKIN—Conklin-Reuling Co.
 Jansen & Zoeller
 Saal & Brookings
 Veide C. L. & Co.
 Zimmer John E.
 PEORIA—Allen W. M. Son & Co.
 Bartson & Millard
 Bushell A. A. & Son
 Dunlap & Coleman Co.
 Jobst V. & Sons
 Meints Fred
 Thompson A. D. Co.
 PERU—Koehler F. A.
 Peru Construction Co.
 Trompeter Joseph (Paving, etc.)
 QUINCY—Brinks Henry & Sons
 Buerkin & Kaempfen
 Clough Concrete Construction Co.
 (Concrete & Bridge Construction)
 Menke F. W. Stone & Lime Co.
 ROCKFORD—Cook Wm. H.
 General Engng. & Const. Co. (Concrete)
 Holm Gust Co.
 McLee John
 Pearce Bros.
 Rockford Concrete Co. (Reinforced Concrete Work)
 Rutledge A. E.
 Van Alstyne Walter & Co.
 ROCK ISLAND—Anderson Aaron
 Chambers F. M.
 Collins Bros. (Bldrs. & General)
 Horst Henry W. Co. (Bldrs. & General), Horst bldg
 Hudson Collins & Hammerich (Bldrs. & General)
 Larkin C. J.
 Paulsen Henry F.
 Sievers Jasper
 Volk John & Co. (Bldrs. & General)
 ST. ELMO—Johnston P. M. Co.
 Maus C. W.
 SANDWICH—Berry Wm. H.
 Franklin Geo.
 Humiston Edgar
 Striegel Geo. J.
 SPRINGFIELD—Biggs & Son
 Bretz John E. (Sewer & Paving)
 Fitzsimmons, Frank
 Hocker E. W. & Co. (Concrete)
 McKee Construction Co.

Sime John
 Wilson John F.
 Wise & Son
 STERLING—Hess E. C.
 Ramsdell R. H., Construction Co.
 STREATOR—Dewar Duncan G.
 Jenkins Daniel
 Swartz G. A. (Paving)
 SYRAMORE—Quist Samuel
 WILMETTE—Crabb James
 Scheidenhelm Ed. D.

INDIANA.

ALEXANDRIA—Sullivan, Mason & Sullivan (Stone Contractors)
 Walker Marion M. & Son (Roads, etc.)
 ANDERSON—Daniels & Lyst
 Eshelman David & Son
 Kelly Thos. P.
 Madison Construction Co.
 Savage Chas. M.
 Thompson William E. & Son
 Wright Benj. F.
 BEDFORD—Bedford Cut Stone Co. (Paving)
 Hunter M. W.
 King & Estridge
 Lancaster Luther
 Smith Gus A.
 BRAZIL—Cutshall & Cutshall
 Hawkins Francis O. (Road)
 Shattuck Austin M.
 BROOKSTON—Vanatta John C. (Dredging)
 BROOKVILLE—Wilson T. F. & Son (Road, etc.)
 COATESVILLE—Lisby & Masten (Road)
 COLUMBUS—Dunlap & Co.
 Robertson Geo. W. & Co.
 Schoonover Henry A.
 CONNERSVILLE—Disborough Geo.
 Miller S. E.
 Stoops Thos. H.
 CRAWFORDSVILLE—Carr W. C. & Son
 Harding, Slattery & Buchanan
 Nolan & Johnson
 CROWN POINT—Crowell E. H.
 Muzzall F. E. (Concrete)
 Teach F. C.
 DECATUR—Mann & Christen Co.
 DELPHI—Clauser W. H. & Sons
 O'Connor John C. & Son
 DUNKIRK—Hayes Const. Co.
 ELKHART—Bushnell G. B.
 Kistner Geo. C.
 Northern Const. Co.
 Yost, John C.
 ELWOOD—Digel S. H. (Large)
 Hicks W. R.
 Wood J. J. & Son
 EVANSVILLE—Anchor Concrete Const. Co.
 Anderson & Veatch
 Bedford Nugent Co. (Paving)
 Bippus Jacob & Son
 Hoffman M. J. Const. Co.
 Hollerbach & May Contract Co. (River Harbor, etc.)
 Kanzler Chris & Son
 Scarborough-Davies Co.
 Whitehead Bennett (Bridge & Road)
 FORT WAYNE—Beers Const. Co.
 Borkenstein B. & Son
 Brooks Construction Co.
 Brown J. O.
 Buesching-Hagerman & Co.
 Derheimer & Co. (Sewer & Public)
 Foohey Timothy Dredging Co.
 Fort Wayne Roofing & Paving Co. (Paving)
 Henry Jas. M.
 Hilgeman Henry
 Kinder Paul P.
 Liebman Ernest F.
 Moeller Construction Co.
 Olds C. L. Construction Co. (Public Work)
 Rump Fred J.
 Western Gas Const. Co. (Gas Works, etc.)
 FRANKFORT—Barnett F. P.
 Frankfort Construction Co. (Paving, etc.)
 Good & Lee
 Huffine Chas. C. & Co.
 McKinsey & Jenkins (Road)
 Nees & Co.
 Ross John A.
 Snyder & Barnett (Road)
 GARY—Cain Construction Co.
 Dexter H. H.
 Frost Jos.
 Gary Const. Co.
 Holben M. W. (Sewer).

Paine & Stevens
 Smith Sela A.
 Ward Oliver Q.
 GOSHEN—Hatch W. W. & Son's Co. (Paving & Public)
 GREENFIELD—Boots & Gant
 Fry James W.
 Gillespie Adam
 Hooton & Son
 Kirkpatrick Christian M. (Paving & Public)
 GREENSBURG—Isgrigg W. H. & Son
 Pulse & Porter
 HAMMOND—Dickover M. A.
 McClay John H.
 HUNTINGTON—Keefer & Bailey
 Snutt Lewis A. & Son
 INDIANA HARBOR—Callahan & Schock
 Doppler Jos.
 Orth Frank
 INDIANAPOLIS—American Const. Co. (Street, Sewers, etc.), 1201 Georgia
 Austin Co., 1535 Naomi
 Bedford Stone & Const. Co., Fletcher Sav. & Trust bldg
 Builders Const. Co., Lemcke Annex
 Central States Bridge Co., 601 Beecher
 Chandler Geo. M. Co., 1523 W Market
 Conder & Culbertson, Odd Fellows bldg
 Cones Frank, 408 Lombard
 Consolidated Const. Co., 827 Law
 Cornelius Henry D. Co. (Sewer), 3014 Calvelage
 Dollman Henry L., Merchants' Bank bldg
 Driscoll T. J. & Co., Mers Bank bldg
 Dunn-McCarthage Co., 1 Fair
 Elder Robert L., 219 N Delaware
 Everly Wm., 314 Newton Claypool
 Fuller Geo. A. & Co., 804 N Pennsylvania
 Gottschalek Const. Co., 219 Castle Hall
 Guthrie-Thompson Co., Lemcke bldg
 Hackedorn Contr. Co., Rauh bldg
 Hall-Curry Const. Co., Board of Trade bldg
 Hardin Const. Co., 534 N La Salle
 Heinzmann G. W. & Son, Lemcke bldg
 Howard C. W., 3318 E 10th
 Irvington Bldg. Co., Law bldg
 Jose-Balz Co., Lemcke Annex
 Junglaus W. P. Co., 827 Mass. av
 Karstedt J. G. (brick), Lemcke bldg
 Klausmann Henry W., 2611 Cornell av
 Kottolowski Ernest F. & Co., 1123 Olive
 Kuert Contracting Co., Majestic bldg
 Latham & Walters, State Life bldg
 Mansfield Engng. Co., The, cor. E Market & Penna.
See adv index at end of book
 Marion County Const. Co., 1600 S West
 Meid Frank, Farmers' Trust bldg
 Millikan Lynn B., Inc., Lemcke bldg
 Moon C. H., 1843 N Alabama
 National Concrete Co., Traction Ter bldg
 Noe Nicholas, Lombard bldg
 Pease C. R. Construction Co., Bd. of Trade bldg
 Pierson Chiron C., Mers. Bank bldg
 Reliance Const. Co., Board of Trade bldg
 Republic Const. Co. (Street), Merchants Bank bldg
 Retmier Frank C., Lemcke bldg
 Scott D. I. & Co., 932 E Washington
 Scott W. P., 133 W Court
 Sells Corwin P., 1901 Talbot av
 Sheehan Construction Co., 309 Holiday
 Shiel-Chapin Const. Co., 220 N Illinois
 Smock F. C., Lemcke bldg
 Thrush Perry R., Lemcke bldg
 Union Asphalt Const. Co., Amer. Central Life bldg
 Volpp & Fritz, 445 Sanders
 Wehking Chas. F. Co. (Brick), 218 Unity
 Williams Joel, 1305 N Illinois
 Wolf & Ewing Const. Co., Hume-Man-sur bldg
 Yawger A. J. & Co., 450 N Belmont av
 KENDALLVILLE—Diggins G. F.
 KIRKLIN—Sparks Thos. E. (Bridge)
 KOKOMO—Hutton Ed. T.
 Kokomo Const. Co.
 Moore & Danner (Bldrs. & General)
 Watson Jas. H. & Co. (Municipal Work)
 LAFAYETTE—Brown G. S.
 Chew, Joshua & Co.
 Evans Bros.

Herzog Geo. P.
Kemmer Alva E.
Lafayette Eng'ng Co.
Levandouski Peter
Moore Robert S.
Western Const. Co. (Paving, Drainage, etc.)
LA GRANGE—Walb C. A.
LA PORTE—Hasselfeldt Chas. & Co. (Masons)
Larson & Danielson Const. Co.
Struss Fred
LEBANON—Adam John (Cement)
Busby George
Fullwider & Kernodle (Road)
McDonald E. L. & Son (Bridge)
Miller Geo. T.
Shahan Patrick & Son
LEWISVILLE—Smith R. R. Sons
LOGANSPOUT—Barnes Bros.
Barnes A. H. & Co.
Barnes B. F.
Barnes Harry A.
Barnes James I.
Crain Jas. E.
Hall Joseph
Horn Carl J.
McHale Martin (Road)
Palmer, Moore & Co.
Perry Fred
LOOGOOTE—Van Hoy & Son
MARION—Michaels & Minnick Construction Co.
Simmons Oren J.
Yates Wilbur
MARTINSVILLE—Martinsville Const. Co.
MICHIGAN CITY—Hutchinson W. B. & Co.
Koellen Henry
Telschow Fred
MISHAWAKA—Rosewarne Wm.
MUNCIE—Hager O. J.
Hutchings John F.
Illingsworth Fred
Snyder Jos. B.
NEW ALBANY—Day Stephen & Son
Thomas H. D. & Son
NEW CASTLE—Burk Frank
Burk Const. Co.
Cook D. K.
Faust Samuel
Garvey James (Cement)
NOBLESVILLE—Durlinger John W.
Haverstick Construction Co.
Jackson J. W.
NORTH VERNON—Miller J. H.
Miller B. P. (Concrete Work)
OLDENBURG—Koepple Bros.
PENDLETON—Maul Walter
Reason J. D. Co.
PERU—Goodall J. B. & Sons Co.
Stauter Ira H.
Thomas Bros.
Tripper Bros.
PLYMOUTH—Ness J. S.
O'Keefe Arthur W.
PRINCETON—Watts E. E.
RENSSELAER—Smith W. F. & Co. (Roads, etc.)
RICHMOND—Cronin & Merdith
Hendrix W. F.
Hipskind John F. (Sewer & Street)
Johnson B. & Son (R. R.)
Slick F. E.
ROACHDALE—Smith Albert
ROCHESTER—Davidson A. C.
Holman Hugh B.
Rochester Bridge Co.
ROCKVILLE—Jerome Edgar
Noble Sidney A.
Van Fossan Jefferson P.
RUSHVILLE—Herkless A. R.
SEYMOUR—De Golyer James
SHELBYVILLE—Meloy John F.
SOUTH BEND—Barnes H. N. (Paving)
Burner E. & Co.
Christman Henry G. Co.
Davis Geo. A. Const. Co.
Defrees C. H.
Eckler Henry Mfg. Co.
Garber & Cowles
Gunderman George J.
Hoban & Roach (Sewer, Paving, etc.)
Hoffman Geo. J. Co.
Neitzel B. H.
Williams N. W. Co.
SULLIVAN—Nicholas Frank J.
Sullivan Bridge Co.
SWAYZEE—Foltz Cyrus (Cement)
TERRE HAUTE—Bennett-Barnes Co.
Dorsey Wm. C.
Foulkes Contracting Co.
Houff A. Dale & Co.
Independent Const. Co.
Kinser Construction Co.
Kintz P. C. & Sons

Martin T. J. Co.
Meyer Ed. H.
Pierson & Bro.
Reinhardt Adolph
Robertson Jesse
Roehm Bros.
TRAFALGAR—Ragsdale C. E. (Cement)
Pickerell O. L.
VALPARAISO—Clifford P. T. & Son
WABASH—Baumbauer Henry
Hipskind Alois F. (Roads & Paving),
Hipskind Chas.
Lynn Bros.
Todd Construction Co.
Wabash Construction Co. (Bldrs., etc.)
WALDRON—Haymond & Howard
WARSAW—Frush J. P. & Son
WASHINGTON—Brown R. A. & Co.
Morton Bros. & Co.
Wilson M. H. & Co. (Road)
WHITING—Nejdl & Greenwald
WILLIAMSPORT—Carmichael Wm. P. Co. (Large, Contrs. & Engrs.)
WINAMAC—Winamac Construction Co.
WINCHESTER—Thornhill J. H. (Bridges)
WOLCOTTVILLE—Myers Chas. E.
ZIONSVILLE—Gregory Frank M.

IOWA.

ATLANTIC—Kimballton Construction Co.
BELLE PLAINE—Conklin Henry B.
Park Jas. & Co.
BOONE—Merrick Albert W. (Contractor & Engineer)
BURLINGTON—Beck H. A.
Burlington Construction Co.
Dalgleish W. S.
Eilers Henry (Cement)
Guenther Fred W.
Hassel C.
Hucke Carl
Johnson Algott (Cement)
Thye John
Woodcock Clarence
Young & Buescher Const. Co.
CEDAR RAPIDS—Dearborn & Jackson (Paving)
Edinger Ed. Co. (stone)
Fisher R. H.
Ford Paving Co.
Hahn Frank K. (Mason)
Hopp J. W. Construction Co.
Jones H. F.
Klepach John (Mason)
Leefer J. F. Co.
Lightner Bros.
Loomis Bros. (Gen. & Concrete Const.)
Smith A. J. (Mason)
Stark T. & Co.
Sutherland Thos. M.
Tschirgi M. & Sons
Wallace R. A.
CLINTON—Clarke Construction Co.
Haring D.
Hawley & Cheadle Construction Co.
Krieger Ed.
Logan J. J.
Rink & Schnell
COUNCIL BLUFFS—Anderson Bros. Co.
Hansen Joe
Hughes Geo. F.
Jensen Bros.
Lana Construction Co. (Bridges, Paving, Sewers, etc.)
Myrtue Bros.
Norgaard C. C.
Pennell C. M.
Sessions G. M. & Son
Sweetman G. W., Jr.
Wickham Bros. (Brick)
Wickham E. A. & Co. (Paving, Sewer & Water Works)
DAVENPORT—Arnould A. A.
Central Engineering Co. (Concrete, Bridges, etc.)
Coen & Conway
Gould Construction Co. (Bridges)
Hubbell Construction Co.
Independent Construction Co.
Koltzau & Myers
Larsen J.
Littig Construction Co.
McCarthy Improvement Co. (Paving, etc.)
Mahan John E.
Nebergall F. J.
Phillips Harry W.
Plambeck H. Wm.
Ryan D. J. Construction Co. (Grading, Paving, Concrete Work, etc.)
Scott & Bitterman (Electrical)
Standard Construction Co.
Tri-City Construction Co.
Walsh Construction Co.

DES MOINES—Benson & Marxer (Inc.)
Brereton W. H.
Des Moines Engineering & Construction Co.
Iowa Bridge Co.
Keyes L. D.
King Geo. M. Construction Co.
Koss Construction Co.
Kucharo W. F. & Co.
Lovejoy J. E.
Maine James & Sons Co.
Mardis J. C. Co.
Mitchell W. F. Co.
Moffatt Co.
Neumann Arthur H. & Co.
Stark N. M. & Co. (Bridge)
Turner J. W. Improvement Co. (Sewers, Paving, Bridges, Underground Conduit, Waterworks, Dams, etc.)
Tusant J. E. & Son Co.
Wagner T. S.
Weitz Chas. Sons
DUBUQUE—Braun Chris.
Efferding T. G.
Eisbach Peter
McNamara C. B. & Co.
Mueller Henry
Ney Albert
FORT DODGE—Jensen Construction Co.
IOWA CITY—Franklin Chas.
Freyder F. X.
KEOKUK—Cameron's Jas. Sons
Cameron Joyce & Co. (Levee, Railroad, Sewer & Public)
McManus J. C.
MARSHALLTOWN—Jacobson John
Reimar C. F. & Co.
MASON CITY—Brown H. L.
Henkel & Brown
Irwin William R.
Stratton B. L.
NEWTON—Eastman Jas. H.
OSKALOOSA—Carlon Construction Co. (Paving, etc.)
OTTUMWA—Ottumwa Bridge Co.
Ottumwa Mill & Construction Co.
Ottumwa Supply & Construction Co.
SIOUX CITY—Babue F. X. & Sons
Betz Robt. E.
Coomer & Small
Dubel & Anderson
Houx Frank T.
Jensen & Krage
Johnson & Larson
Keefe John J. Co.
Lytle Construction Co.
Ostling Andrew
Short B. E.
Spowage-Ryan Co.
Sulzbach F. J.
Ward & Weighton
Younglove J. F.
WATERLOO—Black Hawk Construction Co. (Bridges, Reinforced Concrete Construction, etc.)
Chapman F. W.
Dearborn Construction Co. (Paving, Sewers, etc.)
Emery & Hoffer
Lauritzen Construction Co.
Maine H. A. & Co.
McDonnell T. F. & Co.
Moore-Sieg Construction Co.
Waterloo Const. Co. (Concrete Const. & Bridge Bldrs.)
WEBSTER CITY—Austin A. H. (Bridge)
Quackenbush J. E. (General & Bridge)
Zitterell & Sullivan

KANSAS.

ATCHISON—Schaeffer George H. T. & Co.
FORT SCOTT—Ireland & Rollings
HUTCHINSON—Hutchinson Concrete Co.
Snyder & Co.
INDEPENDENCE—Brewster Bros.
KANSAS CITY—Brown Bros. (Grading, etc.), 11th & Muncie blvd
Green H. M.
Kepler H. A., 700 N 12th
Rowe A. E.
PARSONS—Cohon U. G.
Prince J. W.
TOPEKA—Capitol City Vitrified Brick & Paving Co. (Sewer, etc.)
Kaw Paving Co. (Paving)
Spencer F. M. & Son

KENTUCKY.

ASHLAND—Wilson A. A.
BELLEVUE—Geeslin Jos.
BOWLING GREEN—Murphy Bros. Co.
COVINGTON—Behle C. J. & Sons Co.
Craig J. J.
Felton M. Sons & Co.

House C. W. & Sons
Northcutt Bros. Co.
Pohlkamp H.
HENDERSON—Johnson P. P. & Son
LEXINGTON—Bateman W. M.
Bush F. & Son
Home Const. Co.
Howard Albert
LOUISVILLE—Adams & Sullivan
Bailey & Koerner
Bickel Henry Co. (Grading & Excavating)
Central Concrete Const. Co.
Eady Geo. M. Co.
Greimer T. Bldg. & Cont. Co.
Hancock L. W. & Co.
Koerner C. A. & Co.
Koppelman Wm. H.
Litchefeld, Metzner & Co.
Milner B. C. & Sons Co.
Nat'l Roofing & Supply Co. (Paving)
Nicol, Langford & Johnston
Rommel G. H. Co. (General)
Short F. Co.
Shrader Bros.
Struck Alfred & Co.
Thomas C. F. & Co.
Young & Humphrey
NEWPORT—Ader Frank G. Const. Co. (Engr. & Contr.)
Bertke H. & Son (Concrete)
Bowman Ben
McLane John B. & Co. (Sewer)
Schuchter Anton
Spinks Harry C. (Street Work)
Trapp Daniel (Paving, etc.)
OWENSBORO—Davis J. P.
Tennes & Greenwell (Concrete)
Whitehead John W.
PADUCAH—Karnes W. M. & Sons
Katterjohn F. W. Const. Co.
Katterjohn G. W.
Lockwood Gus
Paducah Const. Co.
SHELBYVILLE—Miller Bros.
WINCHESTER—Clark County Const. Co.

LOUISIANA.

LAKE CHARLES—Delatte & Lagrange
Martin & Armstrong
NEW ORLEANS—Bell & Clairbone, 1240 Dauphine
Chisholm J. O. & Co. (Large)
Craven & Lang (Paving), Hibernia blk
Egan Thos., 4330 Canal
Favret Lionel F., 307 Tulane Newcourt
Fromherz & Drennan, Q & C bldg
Geary James, Perrin bldg
Geier & Geier
Glover Geo. J., 1022 Whiting
Grasser Contracting Co., 912 Hennon
Hortman Co., 3110 S Carr
Jefferson Const. Co., Q & C. bldg
Kane-Kelly Contrg. Co., Audubon
Koch Julius, 219 Carondelet
Lagasse Paul, 826 9th
Larsen Chris., Hennen bldg
Lennok Jos. W.
Louisiana Building & Contr. Co., 411 W Rampart
McCarthy Richard Jr., Hennen bldg
Petty J. A., 607 Godchaux
Reimann G. E. & E. E. Co., Nap av & Pitt
Ridgely Bros., 733 Jackson
Saw Mill Constr. Co., Hennen bldg
Scott Nat'l G., Hennen bldg
Sintes Chas.
Theobald Gustave A., 624 Spain
Tranchina D. J.
Van Meter W. W.
Walther Henry, Hennen bldg
Zimmerman Jacob & Son, Whitney blk
SHREVEPORT—Chatwin Bros. Riprap & Contracting Co. (Street & Public)

MAINE.

AUGUSTA—Brooks Chas. A.
Fletcher & Robbins
Hanson Alfred & Son (Masons)
Hoxie C. E. & Co.
Smith Frank (Mason)
Tracy & Metcalf
BANGOR—Cutter Leslie W.
Grady John & Son
Hodgins E. C. & Son
Stanley Arthur C.
BATH—Carlton F. W.
BRUNSWICK—Colby Frank A. & Son
Hacker C. E.
LEWISTON—Lane Geo. W. & Co.
Saucier Thos.

LISBON FALLS—Philbrook Joseph & Son
PORTLAND—Blackstone & Smith (Masons)
Cobb & Webster
Cunningham F. W. & Sons
Googins & Clark
Griffin D. F. & Bro. (Paving & Public)
Gulliver John W.
Hanson Charles A.
Helms Butler Co.
Howatt C. B. & Son
Johnson E. G. Co.
Libby E. D. & Son
McCausland W. B.
Mahoney Construction Co. (Paving, Grading, Sewer, etc.)
Porter-Burnham Co.
Redlon N. E. Co. (Masons)
Rogers, Spencer Son
Rumery F. A. Co.
Williss & Rumery Co.
SOUTH PORTLAND—Paige & Conary Co.
WATERVILLE—Purinton Horace Co.
Winters Henry T. & Son

MARYLAND.

BALTIMORE—American Paving & Contrg. Co., Montebello av
Amrein Wm. R., 919 N Moulton av
Amiesite & Stone Co. (Road Building), 15 E Fayette
Andrew David M. Co., Mt. Vernon & 26th
Balto. Engine Co., 221 N Calvert
Beasman F. B. & Co., 7 Clay
Bennett Benj. F. Bldg. Co., 123 S Howard
Bennett Geo. W., Franklin bldg
Blake & Engle, Law bldg.
Brady Edward & Son, 1109 Cathedral
Brown Harry H., 212 Clay
Bunnecke Geo. & Sons, 305 St. Paul
Burnham Walter E., Law bldg.
Claiborne, Johnston & Co., Garrett bldg.
Clark C. B. & Co., Commonwealth Bk. bldg
Clark John C. & Son, 1925 Penna. av
Cogswell-Koether Co., 406 Park av
Consolidated Engineering Co. (Brick Paving), Calvert bldg
Converse H. P. & Co., ft of Hanover
Cornell W. G. Co., Munsey bldg.
Cowan Bldg. Co., 106 W Madison
Cushen P. J., 217 St. Paul
Dall Wm. Co., Fort McHenry
Davis Milton C., 633 N Calvert
Decker Fred'k & Son, 1209 E Biddle
Deverell, Spencer & Co., Garrett bldg
Elder Paving & Contrg. Co., Montebello av
Elkan M. M., Coca Cola bldg
Ensey & Gildea, Munsey bldg
Eyring E. & Sons, 800 S 3rd
Fedeli A. F. Co., Vickers bldg
Fisher, Carozza Bros. & Co., Equitable bldg
Flanigan P. & Sons, Harford rd & B. & O. R. R.
Fox H. W. & Co., 2411 Greenmount av
Frazier R. H. & Son, 224 W Mulberry
Furst-Clark Const. Co., Fidelity bldg.
Gartrell J. Burgess & Co., 2160 Hollins
Gladfelter & Chambers, 729 Roland av
Grace Robert Contracting Co., Munsey bldg
Guttmann Paul H. & Co., 1536 N Gay
Harn Willard E. Co., 213 N Calvert
Herbold Chas. & Sons, 2768 W North av
Hill & Minneck, 4106 Woodbine av
Hiltz John & Sons, 3 Clay
Hurline Henry, Old York road
Jones T. B. (Sewer, Masonry, Wharf, etc.), Fidelity bldg.
Kefauver & McLaran, Equitable bldg.
Kelly John H., 1208 E Biddle
Kerbaugh H. S., Inc., Munsey bldg
Klayman I. & Son, 1337 W North av
Knell Andrew Jr., 215 St. Paul
Kramer John & Co., 1003 S Clinton
Lackey & Todd, Munsey bldg
Long Geo. Contr. Co., 1st & 1st av
McCabe James F. Co. (Paving, Tunnel, Bridge & Railroad), Equitable bldg.
McCauley W. H. & Son, 1018 Mrymns av
McCulloh R. N. & Co., 118 E Lexington
McLaughlin Bros, 915 Bolton
McLean Contracting Co. (Dock, Bridge & Railroad), Ft. of Fort av

McMullen A. & Melvin Co., 1540 Maryland av
Madison Const. Co., 212 Clay
Mason Randolph B., 308 W Madison
Maryland Dredging & Contr. Co., Fidelity bldg.
Miller J. Henry (Inc.), cor Eutaw & Franklin
Minor Bros., 224 W Pratt
Monmonier & Sorrell, 1711 McCulloh
Morrow Bros. (Large), Fidelity bldg.
Moylan John J., 117 E Centre
Munroe Edw. K., 212 Clay
Novak Frank, 744 N Kenwood av
O'Dell & O'Dell, 913 Light
Piel Const. Co., 2519 Edmondson av
Pierson Henry & Sons, 1000 Olive
Porter W. H. & Sons, 505 Forrest
Potts Wm. A. Co., Law bldg
Price Concrete Const. Co., 225 St. Paul
Pyles Julius E., 410 Dover
Ramey Bros., Law bldg.
Reinhart H. M. & Co., Calvert bldg
Reynolds & Hughes, 104 E Saratoga
Richardson J. Wilson, Equitable bldg
Rippel Henry S., 7 Clay
Robinson J. L. Const. Co., Knickerbocker bldg.
Rosenthal Albert, Garrett bldg.
Ryan & Reilly Co., Union Trust bldg.
Sanford & Brooks Co. (Dredging, Harbor & Government Work), Water & Commerce
Schoenlein L. & Son, Gunther bldg
Seybold & Eigenbrode, 4311 Belvue av
Simpson Chas. W. & Co., 415 E Lexington
Singer-Pentz Co., Equitable bldg.
Smith Henry & Sons Co., German & Light
Smith & Ruggles, 7 Clay
Standard Concrete Steel Co., Knickerbocker bldg.
Stanfield Thos. B. & Co., 212 Clay
Stewart Jas. & Co., ft. Kelso
Stockhausen Chas. L. Co., Nat'l Marine Bk. bldg
Thompson W. H. & C. F., 530 E 31st
Walsh Edw. L., 22 Clay
Walsh J. J. & Son, 1533 Maryland av
Waters John Bldg. Co., 23 E Center
Watts H. D. Co., Garrett bldg
Watts Philip & Son, Sudbrook av
West Arthur F., Builders' Exchange
West Construction Co., American bldg
Whiting-Turner Const. Co., Sexton bldg
Wink & Huegelmyer, 724 Carwell av
CHESTERTOWN—Culp W. S. & A. M.
Duyer Frank E.
Pippin Walter T.
CUMBERLAND—McGill E. G.
Mertens F. Sons
Vang Construction Co. (Concrete, Sewer & Railroad Work)
Wise Silas W.
EASTON—Ross U. G. & Bro.
Trax Geo. H.
Whitby Wm. H.
FEDERALSBURG—Holt Construction Co.
FREDERICK—Poole Roy
FROSTBURG—Fuller Bros.
HAGERSTOWN—Clarkson John T.
Sherley O. D.
Wolf Geo. B. McC.
WESTERN PORT—Harris Bros. Construction Co.

MASSACHUSETTS.

ADAMS—Fleming Jas. M.
AMESBURY—Doe F. A.
Watkins Jas. E.
AMHERST—Bosworth Geo. E.
ARLINGTON HEIGHTS—Kenty Geo. W.
Shirley John E. & Son
ATTLEBORO—Currie Malcom
Dexter Everett O.
Eden John
Grant Bros.
Mackinnon & Nicholson
Perry Emerson E.
White Herbert E. & Co.
Young Daniel & Co.
AUBURNDALE—Scribner W. E. Sons (Masons)
AYER—Hardy Chas. H
BELMONT—Loomer & Allen
BEVERLY—Crosby G. R. & Sons (Masons)
Grady Michael & Son
BEVERLY FARMS—Connolly Bros. (Public Work)
Hardy & Day

BOSTON—Abbott E. A., 185 Devonshire
 Adams-Pond Co. (Concrete), 40 As-
 pinwall av
 §Alexander F. C., Old South bldg.
 §Allen C. S. Co., Allston
 §Archdeacon & Sullivan, 5 E Concord
 §Armstrong W. B. Everett
 Babcock C. & Co., 36 Beverly
 Bailey Wm. M. Co. (Concrete), 88
 Broad
 §Barrett Wm., 27 Hunneman
 §Barry Wm. J., 439 Ashland
 §Beal A. B., 43 Tremont
 Beatty Const. Co. (Public Work),
 66 Warren
 Beaver Contr. & Eng. Corp., 113 State
 Benard Thos. H. & Son, 39 Neponset
 §Bigelow & Harriman, 127 Federal
 Biggs, D. M. & Co., 60 Marsh
 §Bishop J. W. Co. (& Large), 683
 Atlantic av
 Black James Masonry & Contrg. Co.,
 146 Summer
 §Bleier Contr. Co., Heath & Day
 §Bogart I. H. & Son, 414 Albany
 §Boston Bridge Works (Bridges, etc.),
 47 Winter
 Boston Contr. Co. (Digging, Grading,
 etc.), 49 Medford
 Bowen John Co., 184 Dudley
 Boyd & Berry, 11 Grampion Way
 Brandano Daniel (Sewer) Malden
 Breymann G. H. & Bros., 293 Marginal,
 E I
 Broderick Jas. M., 44 Bromfield
 Broderick John H., 44 Bromfield
 §Brown Chris. F., Dorchester
 *Bruno & Petitti (Sewer, Waterworks,
 R. R., Masonry, etc.), 18 Tremont
 §Bruty John W., 209 Washington
 §Buckley J. M. & C. J. Co., 164 Fed-
 eral
 Burke D. F. (Mason), 7 Alden
 Burke John R., 78 Devonshire
 §Cadario L. B. & Sons, 15 Court sq
 §Cashman John & Sons Co., 247 At-
 lantic av
 Central Const. Co., 228 Southampton
 Chandler Const. Co., 31 State
 §Christopher Henry J., 99 Harvard
 §Clark N. W., 166 Devonshire
 Clark & Lee Co., 201 Devonshire
 §Cline Hyman E., 43 Tremont
 Coburn Frank G., 294 Washington
 *Coleman Bros. (Sewer, etc.), 1 Mar-
 ginal
 Coleman J. C. & Sons Co. (Street &
 Public), 1620 Tremont, Rox.
 §Collins John W., 86 Atkinson
 Converse H. P. & Co., 88 Broad
 §Corbett F. A., 148 Sutherland rd
 Coughlan Jas. J., Carney bldg
 §Culbert Robt. J., 141 Milk
 Cumings H. P. Const. Co., 319 Wash-
 ington
 Cunningham C. S. & Sons Const. Co.,
 7 Water
 §Currier Chas. E., 110 Sumner
 Cusick Andrew M. (Sewer), 319 Wash-
 ington
 §Davis Geo. M. & Son, Somerville
 §Davison & Jones, Malden
 §De Matteo M., 146 Dudley, Roslindale
 §Dodge C. A. Co., 166 Devonshire
 §Dolan Jos. M., 197 Sidney
 †*Doloff C. W. & Co. (Public Works),
 20 Central
 §Douse William, 86 Fuller
 §Duff John W. (Inc.), 146 Summer
 §Edwards & Monahan Co., 6 Beacon
 §Ellis W. H. & Son Co. (Bridge &
 Masonry), 479 Meridian
 Essena Chas, Somerville
 §Fish M. J. & Son, 114 State
 Fletcher-Lahey Co. (Public Works),
 31 State
 Foster Heating Co. (Plumbing), 15
 Palmer
 §Fox Benj. (Inc.), 15 Exchange
 Fraser J. C. & Sons Co., 5 Providence
 §Fritz N., 62 Maywood
 §Fuller Andrew D. Co., 3 Hamilton pl
 §Fuller Geo. A. Co. (Large), 131 State
 §Gascolgne & Goddard, 19 Milk
 Gerrish Dredging Co., 101 Tremont
 Gibson Richard 65 Long Wharf
 §Gould Joseph H., 15 Bruce
 Gow Charles R. Co (Public Works),
 166 Devonshire
 §Graham John B., 8 Beacon
 Great Lakes Dredge & Dock Co.
 (Bridges, Piers, etc.), 141 Milk
 §Gregory E. R., 60 W. Dedham
 §Griffin John F. Co., 17 Milk
 §Grosvener W. J. & Co., 8 Beacon
 §Guarantee Const. Co., 131 State
 §Hanlon Thos. H., 1217 Dorchester av

Hanscom Construction Co., 70 Kilby
 Hardy & Streeter (Concrete), 95 Milk
 §Harvey Geo. W. Co., 201 Devonshire
 §Haskin Chas. A.
 §Haynes Const. Co., 42 Court
 §Hemenway H. L. Co., 88 Broad
 §Hemeon Brothers, Somerville
 §Herrick Jason E., 15 State
 Hersey Ira G. & Sons Co., 53 Wareham
 Hill Peter W. (Public Works), 97
 Proctor
 §Holbrook, Cabot & Rollins Corp., 6
 Beacon
 §Holt-Fairchild Co., Old South bldg.
 §Hooper S. F. & Co., 101 Tremont
 §Horton & Hemenway, 683 Atlantic av
 §Howard Bros., 412 Dorchester av
 §Howes R. H. Const. Co., 10 Post Office
 sq
 §Jacobs Chas. J. Co., 107 Terrace
 §Jacobs David H. & Son, 166 Devon-
 shire
 Johnson Alfred & Son (Mason)
 §Jones Arthur D., 76 Kingston
 §Johnsberg Frank F. Co., Old South
 bldg
 §Kanter & Altman, 1125 Common-
 wealth av
 †Kendall M. K. & Co., 110 Pearl
 Kennedy & Peterson Const. Co., 7
 Water
 §Keyes W. H. & Co. (Street & Pub-
 lic Works), 319 Washington
 King Cont. Co., 33 Harvard
 Lawler Bros. (Heavy Masonry, Public
 Works, etc.), 16 City sq, Chsn
 §Leighton-Mitchell Co., 95 Milk
 Letteney C. F. (Public Works), 11
 Central
 §Levine B. & Bro., Allston
 §Ley F. T. & Co., Inc. (Power Houses,
 Conduit Work, Bridges, Sewers,
 Waterworks, Dams, High Tension
 Work, Roads, etc.), 185 Devon-
 shire
 §Libbey H. S. & Co., 46 Cornhill
 §Locatelli J. E. Co., 46 Cornhill
 Logue Chas. Building Co., 18 Tremont
 Long Geo. Baker (Large), Grider
 McArdle James W. (Mason), 319
 Washington
 §McClellan Jos. B., 131 State
 McDonald & Kivell 155 Milk
 McGahey & O'Connor, 319 Washington
 McGunigle & Tounge, 34 Colhery av
 §McIlvana Wm. T., 206 Wood av
 §McKenzie F. L., 7 Water
 §McLaughlin H., 473 Tremont
 McMorrow Jno. (Grading, etc.), 322
 Adams, Dor.
 McMurry A. J. & G. H. (Excavating,
 etc.), 16 Shepard (Br.)
 §McNeil Bros., 57 Stanley
 §McNeil Construction Co., 201 Devon-
 shire
 §McPhee D. A., 403 Newbury
 MacDonald Angus, 79 Milk
 MacDonald & Joslin Co., 161 Devon-
 shire
 MacKenzie Murdoch, 346 Belgrade av
 §MacKenzie & Temple, 180 Milk
 Mabie Wm. I., Equitable bldg
 Mack Bros., 166 Devonshire
 Mack & Moore, 101 Tremont
 §Macomber Geo. B. H. Co., 44 Blom-
 field
 Mahoney Bros., 28 Binney
 Malone Bernard (Mason), 163 Corey rd
 §Marr Bros. & Stewart Co., 319 Wash.
 Marr Daniel & Son Co. (Public
 Works), 334 Dor. av, S B
 §Marshall-Rogers Co., 6 Beacon
 §Mead Charles H., 15 Beacon
 §Merritt & Jarvis, 12 Marshall
 Miller W. L. (Bridge & Masonry), 166
 Devonshire
 Minton Thos. F. (Grading, etc.), 4
 Hyde Pk
 §Mitchell & Sutherland, 166 Devon-
 shire
 Moore & Co. (Waterworks & Public
 Works), 12 Pemberton sq
 Morcombe F. T. & Co., 155 Kneeland
 Morgan Construction Co., Adams
 Murphy Cornelius & Son (Grading,
 Public Works, etc), Dorchester
 Nawn Harry P. (Excavating & Pub-
 lic), 82 Savin
 Nelson James E. Co., 7 Water
 §New England Concrete Construction
 Co., 201 Devonshire
 §Nicholls Wm. R., Chsn
 §Nicholson Jos. & Son, 101 Tremont
 §Norcross Bros. Co. (Builders & Pub-
 lic Works), Tremont bldg.
 Norton W. A. Co. (Pile Driving), 285
 Dorchester av

§O'Hearn Patrick, 1464 Dorchester av
 O'Riorden P. (Est.), (Excavating,
 etc.), 6 City sq
 Orne & Lawrence, 39 Court
 Palmer John E. (Grading), Old South
 bldg.
 §Piotti Ambrogio (Mason), 38 Olney
 §Preble Walter H. Co., 11 Pemberton
 sq
 §Proctor John H. & Co. (Coal Ele-
 vators, Cable Railroads, etc), Old
 South bldg
 Rafferty Wm. J. & Co. (Grading, etc.),
 33 Champney, S B
 Rendle G. T. Co. (Bridge & Wharf)
 Rendle W. S. (Wharf, Bridge, etc.),
 135 Prescott
 Rendle & Stoddard (Bridge, etc.), 333
 Border
 Rice P. G. & Co., 262 Wash.
 §Rich Patrick (Mason), 373 Commerce
 §Rockwell Fred J., 261 Bowdoin, Dor-
 chester
 Rooney John A., 319 Wash.
 §Root W. A. & H. A., 1 Beacon
 Rowe Contracting Co. (Public Works),
 City Yard, Chestnut Hill av
 §Roxbury Const. Co., 42 Wentworth
 Ryan Contracting Co., Charlestown
 §Ryan & Keon, 176 Federal
 §Scully J. T. Foundation Co. (Con-
 crete Foundations, Excavating,
 etc), Cambridge
 *Seretto Michael (Sewer), 3 Tremont
 row
 §Shea Thos. J. Co., Jamaica
 Shepard Daniel L., 46 Cornhill
 §Sherman Wm. U., 18 Lyndhurst
 §Snider & Druker, 18 Tremont
 Snow F. A. Co. (Public Works), 73
 Milk
 §Soule L. P. & Son Co., 40 Central
 §Stewart Jos. I., 1295 Commonwealth
 av
 †Stone & Webster Engineering Corp.,
 147 Milk
 §Stuart T. & Son Co., 166 Devonshire
 Sullivan J. H. (Road & Sewer), 20
 Lake Br.
 Sullivan J. J. (Excavating, etc.), 272
 W 5th
 Swanson Victor (Mason), Allston
 §Swift-McNutt Co., 70 Devonshire
 Taylor E. R. Co. (Concrete), 786 E.
 Bradbury
 *Tomasello C. Antonio G. & Son
 (Sewer, Road & R. R.), 69 Gibson
 §Troy S. P. Co., 88 Broad
 §Tyson Weare & Co., 201 Devonshire
 U. S. Const. Co., Old South bldg
 Walsh Bros. (Mason)
 §Wells Bros. Co. of N. Y., 185 Devon-
 shire
 Wentworth Walter A. Co., 15 Exch.
 §Whidden-Beekman Co., 70 Devonshire
 §Whitcomb E. Noyes Co., 49 Ware-
 ham
 §Whitcomb Frank L., 17 Wareham
 §Whitcomb & Kavannaugh Co., 6
 Beacon
 White Jos. F. (Sand), 1 Cleveland
 §Whitney Arthur E., 18 P. O. sq
 Whitney Co., 12 West
 §Whiton & Haynes Co., 200 Devon-
 shire
 §Wight Wm. E., 36 Harvard av
 §Willcutt L. D. & Sons Co., 146 Sum-
 ner
 §Wilson & Tomlinson, 220 Devonshire
 §Woodbury I. F. & Sons Co., 185 Sum-
 mer
 Wyman Ferdinand A. Jr. (Public
 Works), 294 Washington
 §Zedren John, Readville
 §Zeiman Max, 53 Litchfield

BROCKTON—Howard George B. & Sons
 Co.
 Irwin David, Batson, C. A.
 §Lays Bros.
 Long & McAuliffe (Masons)
 Marlow & Eldridge
 Peck & McKay
 Sampson E. T.

BROOKLINE—§Carroll Co.
 §Cook John & Son (Masons)
 §Driscoll Dennis
 Driscoll J. & Son Co. (Public Works)
 §Driscoll Timothy
 Goodwin & Mitchell
 Hennessey Bros.
 McCue Thos. & Son
 O'Hearn M. J.

CAMBRIDGE—Barrett James T.
 Byrne John B. Inc. (Mason)
 Condon Wm. F. (Mason & Concrete),
 218 Putnam

§Dodge C. A. Co.
 Eastman H. T. & Co.
 Linehan Chas. (Public Works)
 McGahey & O'Connor (Masons)
 §O'Sullivan John A. (Mason)
 Pocher B. H., 880 Main
 Powers John J., 33 Myrtle av
 §Riley J. M.
 Scully John T. Foundation Co. (Concrete Foundations, Buildings, etc.)
CHELSEA—Coleman Bros.
 Haley Michael S.
 Strout Bros. (Masons)
CLINTON—Clinton Concrete Co.
EAST HAMPTON—Cullen John
 Pepin Delos T.
 Root Albert R.
FALL RIVER—§Beattie & Cornell (Builders & General)
 §Beattie & Wilcox (Builders & General)
 §Bolduc Leander (Building, etc.)
 §Crowe John Co.
 §Darling Joseph M.
 §McNally Const. Co. (Concrete, Brick, Steel, etc.)
 §Moore Daniel
 Puleston & McDougall
FITCHBURG—§Carter Wm. C.
 Foss & Jones
 §Hartwell Walter A.
 §Hutchins Wallace J.
 Leger Supplein J.
 Moran John (Excavating, Grading, etc.)
 §Wiley & Foss
FRAMINGHAM—Prindiville J. J. Co.
GLOUCESTER—Cressy Walter
 Day John W. & Son
 §Pomeroy E. A.
 Pomeroy John S. Co.
HAVERHILL—Duffee W. F. & Co.
 Haverhill Const. Co.
 Kelley Bros.
 Roche John M.
 Shannon E. F.
HOLYOKE—Casper Ranger Const. Co.
 §Fowles J. H. & Son
 Goddard Vallis V. (Mason)
 Kennedy P. J. & Co.
 §La France L. A.
 §La Liberte Bros.
 §Lynch Bros. Brick Co.
 §McCormick A. D.
 O'Connell's D. Sons (Waterworks & Public)
 O'Neill J. J. Co.
 Prew J. J. (Brick)
 Ranger Casper Const. Co.
 Thorpe George L.
 Walsh Maurice J. & Sons
LAWRENCE—§Locke L. E.
 §Peabody E. A. & Son, Bay State bldg
 §Pike W. N. & Sons (Large), 264 Essex
 §Pitman Ernest W. Co., Bay State bldg
 §Wagenbach Jos. & Son
LEOMINSTER—Smith Edgar M.
 Wiley & Foss
LOWELL—§Alway & Meloy
 Cazanias Nickoloas
 Conners Bros. Co.
 Crosby B. F. & Co., 111 Moore
 Dickey Leroy W.
 §Drapeau Wm.
 Morin J. B., 90 Aiken
 §O'Hearn P.
 §Penn Wm. H.
 Sawyer Avila, 139 White
 Snow Samuel E., 16 Tilden
 §Staples Bros.
 Varnum Percy E., 246 Varnum av
 *Ward W. H. Co. (Public Works)
 §Whittet James
 §Wiggin Burton H. Co.
LYNN—Bryer A. E. Contr. Co. (Excavating, Sewer, etc.), 461 Western av
 Campbell Bros., 99 Sagamore
 §Hardy Harry E., 148 Burrill
 §Hart Bros., 36 Pacific
 §Litch L. D. Building Co., 7 Berkeley
 Lyons Michael F. & Co., 7 Willow
 §Manning James E., 26 Beacon Hill av
 Mayo Construction Co. (Public Works), 333 Union
 §Robinson & Pierce, 589 Washington
 §Sheehan David J. Co., 424 Broadway
 Sheehan John W., 585 Western av
 §Titus Cutler, 70 Murray
 Vroom Bros. Co., 333 Union
 Wright Chas. W., 23 Central av
MALDEN—Lenahan Pat. H.
MELROSE—Lane Bros.
NANTUCKET—§Holmes & Co.

NEW BEDFORD—§Bennett & Douglas
 Bishop J. W. Co.
 Buffington Arthur E. (Mason)
 Davis Z. B. Corp
 Hook Gilman E. (Mason)
 Sherman R. A. & Son
 Sistare F. B. & Son
NEWBURYPORT—Cashman Bros. (Roads, etc)
NEWTON—Joyce John T. (Excavating)
 Stuart T. & Son Co. (Public Works)
NEWTON CENTER—Hurley Bros. (Grading, Roads & Masonry)
 §Stevens F. W.
NEWTON HIGHLANDS—Sullivan T. D. & Sons (Masons)
NEWTONVILLE—§Higgins W. S.
NORTH ADAMS—Whitney Chas. E.
 Wood H. C. Co.
NORTHAMPTON—§Bailey Myron C.
 Bishop Bros.
 §Huxley Frank
 §Twohig Jas.
 §Whiting Chas. W.
NORTH ANDOVER—Trombley Jos. & Son (Masonry)
PALMER—*Flynt Building & Construction Co.
PITTSFIELD—Beckwith & Pike (Masons)
 Ostegee Bros.
 §Roscoe Edward F.
QUINCY—O'Brien Thos. & Sons
 Shea William & Son (Excavating Grading, etc.)
 Whelan Thos. & Co.
SALEM—§Fitzgerald W. & Son
 §Flynn John J. Co., 209 Essex
 Mack Bros. (Masons), 221 Essex
 §Merrill Samuel S.
 Peterson V. S. (Sewer, etc.), 237 Essex
 §Turner Edward F., 13 Jackson
 Welch Jas. J. (Public Works)
SOMERVILLE—§Andrews J. M. & Sons Co.
 Falvey John J.
 §Welch John & Sons
SOUTH HADLEY FALLS—§Harris Edgar T.
 §Judd Burritt
SPRINGFIELD—Adams & Ruxtom Const. Co. (Concrete)
 §Angers J. A. & Bro
 Berlin Const. Co.
 Bushey M. C. (General & Bldg.)
 Davis E. T. (Masons)
 Falvey Arthur W. (Masons)
 *†Ley Fred'k T. & Co., Inc. (Power Houses, Conduit Work, Bridges, Sewers, Waterworks, Dams, Roads, High Tension Work, etc.), 499 Main
 McKenzie Wm. D.
 Maloney Michael (Mason)
 Mellen Daniel W. (Masonry)
 *New England Const. Co. (Bridges, Sewers, Roads, Excavating, etc.)
 Newton W. A. & Co.
 Pinney E. J.
 Ranger Casper Const. Co.
 Sackett Bros Co. (Excavating, Grading & Sewer)
 §Sampson E. L. & Bros. Co. (Masons)
 Shea Daniel C. (Masons)
 §Shea J. L.
 Vaughan & Kibbe (Excavating, Grading, Sewer, etc.)
 Way Michael
 §Wood L. S.
STONEHAM—§Cole George
SWAMPSCOTT—Lyons James T.
 McDonough Mich'l Co. (Street & Public)
 Tuttle H. Scott (Street & Public)
TAUNTON—Briggs Abram T. (Heavy Masonry)
 §Sullivan D. J.
 §Williams Franklin D.
 §Witherell L. M. & Sons
WAKEFIELD—Killorin Contr. Co. (Roads & Grading)
WALPOLE—Allen M. W. Const. Co.
WALTHAM—Bull Edward H.
 Fisher L. Co., Lawrence bldg
 §Larcom Fred A.
 O'Malley Peter J. (Excavating, etc.)
 Purdy Wm. C.
WARE—§Cummings H. P. Const. Co.
WATERTOWN—Hutchins Arthur L.
 Iliffe William H.
 §Murdough A. B.
 Theurer Otto A. (Cement)
WELLESLEY—Hapgood, Frost & Co.
 Taylor Chas. N. (Water Works)
WELLESLEY HILLS—Croswell John (Sewers)

WEST CHELMSFORD—Fletcher H. E. Co. (Excavating, Bridge & Dam Masonry, Foundations, Stone Masonry, etc.)
WEST MEDFORD—Graves Bros. (Masons)
WEST NEWTON—§Cotter Jere. & Son
 Gannon Bros. (Masons)
 §Jepsen Geo. L. & Son
WINTHROP—Noceti Louis (Concrete)
WOBURN—§Corbett T. R. & Sons
 McLaughlin D. & Sons (Masons)
WOODS HOLE—Swift E. E.
WORCESTER—Allen Robert C. (Sewer & Public), Park bldg
 Benson Oscar T. (General), Hitchcock rd
BISHOP J. W. CO., 109 Foster
 Buckley J. M. & C. J. Co., 128 Vernon
 §Carr Geo. W. Co., 518 Main
Central Building Co. (Large), 58 Front
 Cross E. J. Co., 82 Foster
 §Faucher Bros. 58 Front
 §Fiske-Carter Const. Co., 11 Foster
 Groves L. M., 7 Rockwood av
 Higgins J. J., 340 Main
 Kane Michael J. (Excavating, Grading, etc.), 9 Wade
 Loftus John (Mason), 383 May
 Long Geo. Baker (Large), State Mutual bldg
 McDermott Bros., 46 High
 Mellen Walter L., 393 Main
 Miles Jas. & Sons Co. (Masons), 393 Main
§MINER EDWARD F. BUILDING CO., 25 Foster
§NORCROSS BROS. CO. (Public Works), 10 E Worcester
 Ohlson O. F., 10 Brunswick
 Petterson, L. M., 21 Edward
 Pike H. S. (Excavating & Road), 28 Townsend
 Power John J., 1 Granite
 Roberts J. J., 4 Wall
 §Robbins A. P. & Son, 58 Front
 Tucker J. B., 19 Beechmont
 §Ward Edw. D., 82 Foster
 Wells G. A., 187 Providence
 Whitehead Ernest, 187 Commercial

MICHIGAN.

ADRIAN—Dibble Chas. E.
 Matthes Bros.
 Matthes C. F. & Son
ALPENA—Collins Phelps
 Gebhardt, Morrow & Co.
ANN ARBOR—§Biggs Wm.
 Clancy W. J. (Paving)
 Koch Building & Supply Co.
 §Sauer Charles A. & Co.
BATTLE CREEK—Blanch A. E.
 Cole S. B.
 Gillis Chas. H. & Son
 Hilton & Briggs
 Snyder H. V. & Son
 Tait John H. Co.
BAY CITY—Campbell Hugh & Son (Masonry, etc.)
 Hewitt Ernest C.
 §Meagher Jas. A. (Mason)
 Meagher Wm. J. & Co.
 Millar Allison R.
 North American Const. Co.
 §Richter Chas. A.
 Ryan Patrick & Son
BENTON HARBOR—Mills G. A. & Son
CALUMET—Milford W.
 Ulseth Edw.
CHARLOTTE—Beach Mfg. Co.
DETROIT—Affeld J. S. (Sewers, etc.), Ford bldg
 Albrecht A. & Co. (Large), Penobscot bldg
 Armstrong A. R., 145 E Willis
 Baker R. D. Co. (Paving), New Penobscot bldg
 Barber H. J., 560 E Grand blvd
 Bartholomaei Max Son & Co., 466 Warren av
 Beyster Bros., 1964 Fort W
 §Bodary Building Co., 759 Stanley av
 Bryant & Detwiler (Engrs. & Contrs., Reinforced Concrete, etc.), Dime Bank bldg
 Carew Henry, 210 Jos-Campau
 Cavanaugh Thos. L., 288 Catherine
 Chapman Bros., Humboldt & M. C. R.
 Chevillot Louis F., 68 Greenwood
 Christman H. G. Co., Dime bldg
 Closser Bros. (Excavating), 777 Fort W
 Cooper Frank N. (Masonry), Jeff E. & Coplin
 Corrick Bros., Trussed Concrete bldg
 §Culbertson & Kelly, Ford bldg

Currie Thomas E., Magraw bldg
 \$Davock Building Co., Campau bldg
 Degens Herbert G., Penobscot bldg
 De Lisle & Cooper, Campau bldg
 Detroit Building & Constr. Co., Free Press bldg
 Dupuis A. J. Co. (Docks, etc), Ford bldg
 Everham Melville B., Chamber of Com.
 \$Farrington Frank Co., Scherer bldg
 Finn E. D. Const. Co., Dime Bank bldg
 \$Finn John & Co., 234 E Fort
 \$Flint Dayton Co., 335 Chene
 Frager Co., Penobscot bldg
 Frost & Winchester Co., Equity bldg
 Fuller Geo. A. Co., Penobscot bldg
 Gearing Bros. Co. (Ltd.), 15th & M. C. R. R.
 General Const. Co., Union Trust bldg
 Gibson J. A., 497 Artillery av
 Goddard F. H., 520 Franklin
 Goodenow & Ginn, 435 Vinewood
 Grauer A. & Co., 41 E Columbia
 Haberhorn J. H. A. Co., 384 14th av
 Hanley John (Sewer, etc.), McGraw bldg
 Harber & Kaufmann (Mason), Chamber of Commerce
 Harcus & Co., 774 Russell
 Hatch-Montague Co., Ford bldg
 Helson Richard, 121 Columbia W
 Hopkins Davis & Co., Chamber of Commerce
 \$Irwin & Leighton, Dime Sav Bank bldg
 Jackson & Maurice, Ford bldg
 \$Johnson Fred R., 179 Kenilworth
 Keller C. Co., 210 Moran
 Kutsche A. W. & Co., Ford bldg
 Larowe Const. Co., 1199 Woodward av
 Le Veque Const. Co., 108 Jeff
 *Lennane Bros. (R. R., Paving, Sewer & Concrete), Union Trust bldg
 Lesinski-Leszezynski Co., 715 Forrest av
 Linsell Co., 370 Fort W
 Lloyd Construction Co. (Gas Works), 860 Greenwood av
 McCausland W. H. Son, 116 Larned W
 McClintic-Marshall Co., 58 Lafayette blvd
 McEnhill Bros., 192 15th
 McLean A. J. Co., Dime Bk. bldg
 Mack Ave. Building Co. (Mason), 185 Division
 Maclean Bullding Co., 92 B'way
 Marentette J. E., 137 W Larned
 Mercier John A. (Excavating, etc.), Hammond bldg
 \$Miller, Baker & Strengson Bldg. Co., U. T. bldg
 Misch Otto Co., Cham. of Com.
 Modern Const. Co., Whitney bldg
 Moody Bros., Hartford & Scovill
 \$Moulds & Brown, Rowland bldg
 Moynes Jas. A. & Co., 231 Milwaukee av
 Nelson Building Co., Chamber of Commerce
 Nowakowski Jos. & Co., 666 Forest, E.
 Nutt Geo. D., Farwell bldg
 Osgood David J., Co., 220 W Elizabeth
 Otis Cement Const. Co., Hammond bldg
 \$Pauli Frank M. Co., 40 Shipherd av
 Pocock W. H., Hammond bldg
 Porath Julius, McGraw bldg
 Putnam, Moore & Brown, New Telegraph bldg
 Reid E. (Reinforced Concrete work, etc.), Cham. of Com. bldg
 Reid J. H. & Son, 1057 12th
 Robertson R. & Co. (Cut Stone only), Amsterdam & 3rd
 Robinson F. S. & Co., Hammond bldg
 \$Rogowski Bros. & Wedda (Mason), Canfield & G. T. Ry.
 Rose Albert A., Penobscot bldg
 Ryan M. E. & Son (Excavating), Dime Bk. bldg
 \$Schewe Chas. R. Co., Chamber of Commerce
 Schilinger Bros. (Concrete & Paving)
 Schmied, Sisman Co., 385 Beauport
 Schneider Bros., Hammond bldg
 Scholl Leonard & Sons (Mason), 298 12th
 Smith Andrew J. Const. Co. (Dams, Viaducts & Office & Factory Bldgs.), Campau bldg
 Spicer's David Sons, 51 Casper
 \$Starrs Wm., 250 15th
 Stokes & Whittingham, Penobscot bldg
 Vaughn C. S. Co., Buhl blk

Vinton Co., Woodbridge & Beaubien
 Walsh Standley & Co., Chamber of Commerce
 Whittaker John & Co., 51 Church
 Wood F. B., 64 Gibson
 Wood W. E. Co. (Power Plants, Factory & Mercantile bldgs., etc.), Ford bldg
 Zeigen Const. Co., Moffat bldg
 GRAND RAPIDS—Bunker G. W. Co.
 Carpenter Constr. Co.
 Gentz Bros.
 Hauser-Owen-Ames Co. (General)
 \$Herrmann Son
 Hoertz Chas & Son
 McDermott & Cooper (Paving, etc.)
 McNabb Jno. & Son (General)
 \$Oltman L. P.
 Prange A. H.
 Rosema & Top
 Rusche J. P.
 \$Strom-Johnson Constr. Co.
 \$Timmer Bert
 HANCOCK—Gauthier August
 Verville A. J.
 HOUGHTON—Gundlach H.
 Hildbrandt Frank
 Michels J. J.
 Smith Sparks Co.
 IRON MOUNTAIN—Hoose & Person Const. Co.
 IRONWOOD—Olson & Bergquist (bldg)
 ISHPEMING—Erickson Louis & Son
 Wahlman J. S.
 JACKSON—Bradt Henry J.
 Brooks T. C. & Sons Co. (General)
 North Bradshaw Co.
 KALAMAZOO—Byers Bros. Const. Co.
 Rickman Contruction Co.
 Tanis E. & Son
 LANSING—Neller Louis
 Wilcox C. S.
 LAURIUM—Thielman C.
 MANISTIQUE—Ramsey W. S.
 MARQUETTE—Powell & Mitchell
 Van Iderstine C. C.
 MUSKEGON—Buck & Mullen
 Burke, Smith & Nelson
 Columbian Construction Co.
 Hughes John & Son
 PORT HURON—Crawford Archie
 Jones Wm. E.
 O'Sullivan James & Son Co.
 Smith Andrew J. & Sons
 SAGINAW—Creswell T. B. (General)
 Davies J. C. (Sewer, Paving, etc.)
 Gelinas A. & Sons (General)
 Qualman Walter A.
 Ryckman Albert H.
 Spence Bros.
 ST. JOSEPH—Kingsley Chas. E. (Mason)
 Schlutt & Archut
 Stock M. W.
 Williams Chas. E.
 SAULT SAINT MARIE—Dunbar Const. Co.
 Durocher Thos. L.
 Great Lakes Dredge & Dock Co. (River & Harbor)
 Hunt M. N.
 Irwin John B.
 TRAVERSE CITY—Lather Geo.
 WYANDOTTE—Scheibel Henry
 Soncrant Leon

MINNESOTA.

AITKIN—Foley D. A. & Co.
 Gleason W. J. Co.
 ALBERT LEA—Anderson Bros.
 Hansen John F.
 Nelson & Thompson
 Tapager Christian M.
 AUSTIN—Berry & Beckel
 Donovan Wm.
 BRAINERD—Rowley C. B.
 DULUTH—Anderson & Gow
 Barnett & Record Co. (Engineers & General)
 \$Bergquist Bros.
 \$Bowe-Burke Co.
 \$Brown H. C.
 \$Carlson Frank A.
 Clough D. H. & Co.
 Dahl E. A. & Co.
 \$Danielson Chas.
 Duluth Diamond Drilling Co.
 Duluth-Superior Dredging Co.
 \$Fawcett William
 Frederickson C. G. (General)
 \$Grandy John
 Great Lakes Dredge & Dock Co. (River & Harbor)
 Hansen Richard
 Hugo & Tims (Dredging & Concrete crete)

Jacobson Bros.
 Johnson Frank L. & Co.
 \$Johnson Otto
 *King Geo. R. (Railroads, Sewer, etc.)
 King W. F. & Co.
 Knutson & Ferguson
 Linden Construction Co.
 \$Lounsberry Geo. H.
 McDonnell P.
 MacLeod & Smith (General)
 \$Nauffts Theo.
 Northern Dredge & Dock Co.
 Pastoret Construction Co.
 \$Pearson Harry & Son
 \$Perry E. C. & Son
 \$Ramstad Louis
 Raymond Bros. Co.
 Rogers & McLean
 Smith & Vokes (General)
 \$Schleunes J. F.
 Stack Constr. Co.
 \$Thorburn Thomas (General)
 Watterworth & Fee (General, Street & Public)
 Zauft Emil
 FARIBAULT—Brown Benson
 \$Cosgrove Wm. N.
 O'Neil John P.
 O'Neil Wm. & Son Co.
 \$Peltier C. H.
 FERGUS FALLS—Lamson-Gray Construction Co.
 Lauritzen John
 HIBBING—Longyear E. J. Co. (Drill)
 Winston-Dear Co.
 MANKATO—Neitge Otto
 Nelson J. B. Construction Co.
 Widell Co.
 MINNEAPOLIS—Albinson Const. Co., Plymouth bldg
 Anderson Albert, Plymouth bldg
 \$Anderson Fred Co., 2810 Bryant av, S
 Anderson-Whitson Co., Lumber Exchange
 Archer H. & Co., 314 S 10th
 Bailey-Marsh Co., Metropolitan Life bldg
 *Balch H. F. & Co., Phoenix bldg
 \$Baltuff Jos. M., Building Co., Security Bk. bldg
 Barbeau & Werring (Bridges), N W bldg
 Barnett & Record Co. (Grain Elevators & Heavy bldgs.), Flour Exchange
 Billingsley R., Kasota bldg
 \$Brandenburg E. G. Constr. Co., Temple ct
 Brown Jas. H. Co., 511 S Third
 \$Buhl L. & Co., 516 4th av S
 Burton Walter, 28 S 4th
 Caristed Bros., 300 20th av N
 \$Cedarstrand Aug. & Co., 984 Central av
 \$Chadwick L. L., 112 E Lake
 Comb David & Son, Lumber Exch
 Cooper Barclay, 1100 Hawthorn av
 Cooper E. B., Lumber Exchange
 Cooper J. J., Anarus bldg
 \$Crawford W. M. & Co., 80 9th S
 Davis C. A., Security Bank bldg
 Davis Construction Co., Plymouth bldg
 Dawson Bros., 3638 Central av
 *Doughterty J. P., Globe bldg
 Elliott J. & W. A. Co. (Public Works), Lumber Exchange
 Elson Williams Const. Co., 830 Hennepin av
 Elvin-Grahn Co., 1916 Chicago av
 Evensta E. G. & Co., N W bldg
 Farnam Bros. Co., Plymouth bldg
 Fleisher-Rose Const. Co., Plymouth bldg
 Fleisher & Hoffman, Palace bldg
 Floyd-Niebuhr Co., 2508 Emerson, N
 Frankman Bridge & Constr. Co., Metropolitan Life bldg
 General Contr. Co. (Paving), Plymouth bldg
 Giguere Peter C. & Son, 410 7th av N E
 Goldstein Irwin, Plymouth bldg
 Graves F. E. Const. Co., 2520 Nicollet av
 Great Northern Bridge Co. (Bridges), Lumber Exchange
 \$Haglin, Stahr Co., Lumber Exchange
 \$Hagstrom Chas. E. & Co., Plymouth bldg
 Hall Patterson Bldg. Co., Lumber Exch
 \$Hall W. J. Co., 1412 5th, S E
 Halladen P. O., Metropolitan Life bldg
 \$Heaton & Ellison, 1818 4th av S
 Hennepin Bridge Co. (Bridges, etc.), 968 Laurel

Ibberson T. E., Corn Exchange
 *Jacobson R. A., 699 17th av, N E
 Johnson J. A. & Co., 115 S 6th
 Johnson L. H. (Bridges), 968 Laurel av
 *Kerrick Const. Co., 507 3d av N E
 §Klarquist S. M. & Son, Security Bank bldg

Lasley W. M., Temple ct
 Lathrop T. A., 418 1st av, S E
 §Leck H. A. Co., 2324 4th av S
 Leck James Co., 311 S 7th
 Lees R. E., 303 6th av S E
 Leighton H. N. & Co., 127 S 10th
 §Libby & Libby Co., 244 2d av S
 Libby T. & L. D. Co., Temple ct
 Lunquist C. W. & Co., 712 15th av, N E

McCoig Harry L. & Co., 348 McKnight
 *McCullough & Cheney, Temple ct
 §McMillan F. G., 2 S E 5th
 Madsen Bros., Plymouth bldg
 §Mandel Bros., 1109 Plymouth av
 Minneapolis Bridge Co. (Bridges), Met. Life bldg

Moffet C. W., 3008 4th av S
 Muir Jas. F. & Co., 2395 University av
 Nelson N. A. Co., 3047 4th av S
 *Nelson Peter, Temple ct
 O'Brien E. J. & Co., Corn Exch.
 Oyen O. O., 718 S 4th
 Palmer Fred A., 3003 Hennepin av
 Pelton R. B., 2906 Clinton av
 §Peters Home Bldg. Co., 654 McKnight
 Pike & Cook, 416 S 5th
 Placke H. H., Andrus bldg

Rabehl G. F. Bldg. Co., 2592 Nicollett av
 Ravitch Bros., N. W. Bk. bldg
 Robinson J. L. Co., 511 S 7th
 Security Bridge Co. (Bridges, etc.), 36th & Hiawatha av
 Schommer J. N., Chamber of Commerce

Sonner P. J., Plymouth bldg
 Splady, Albee & Smith, Plymouth bldg
 Thompson T. M., Plymouth bldg
 Twin City Co., 29th & Minnehaha av
 Tyler & Co., 2730 Nicollett av
 §Vertz Geo. R. & Co., 1615 Nicollett av
 Vales-Campbell Co., Temple ct
 Weltzin N. H. 3421 Minnehaha av
 *Winston Bros. Co., Globe bldg
 Wodrich & Son, Met. Life bldg
 Wunder John, Lumber Exchange

MOORHEAD—Fridlund A. J.
 Merritt W. H.

RED WING—Carlson J. P. (Cement, etc.)
 Longcor W. J., 709 5th

ST. CLOUD—Heinman John
 Hollern & Johnson
 Kropp Carl
 Wahl Ed. M.

ST. PAUL—Ash C. & Sons, New High School bldg, So. St. Paul
 Baumeister Wm. C., Hackney bldg
 Becker Geo. F., 160 W 4th
 *Boynton & Church, Merchants National Bank bldg
 Bumgardner L. A. Co. (Grading, Railroad, etc.), Scandn.-Amer. Bk. bldg
 §Burdine I. C., 1539 Grand av
 Butler Bros. N. Y. Life bldg
 Butler J. W. & Bro. Co., Scan.-Amer. Bank bldg
 Cameron & Co., Ryan bldg
 *Church H. W., Merchants blk
 *Cook Const. Co., Gilfillan blk
 Craftsman Bldg. Co., Commerce bldg
 *Deeks, Deeks & Smith, N. Y. Life bldg
 Elmer H. M., 1329 Hague
 §Erickson A. G., 404 N Prior av
 Fielding & Shepley (Sewer Grading, Paving & Bridge), 216 W University av
 *Foley Bros. (Railroad, etc.), Gilfillan blk

Fowble Chas. A., Germ. Life bldg
 §Frandsen H. J., 510 Rice
 Fransen Nels P. & Co., Endicott bldg
 Grant G. J. Const. Co., N. Y. Life bldg
 *Guthrie A. & Co., Endicott bldg
 Hennessy P. M. Construction Co. Paving, Sewer, etc), Oppenheim bldg
 Hoy W. J. Co., Metropolitan bldg
 Ingemann Co., 1930 St. Anthony av
 Johnson & Carey Co., Metropolitan bldg
 Keough Bros., Hamline & Otto av
 Lauer Bros. (Heavy Masonry, etc.), ft of Chestnut

McClure Contrg. Co., 61 E 6th
 *McMenemy R. A., 645 Endicott
 *Morris, Shepard & Dougherty (Railroads, Bridges, etc.), Globe bldg
 §Nickel J. H., N. Y. Life bldg
 Norlander Fred C., Am. Nat. Bk. bldg

*Oakes Geo. W. & Co. (& Bridges, etc.), Endicott bldg
 Romer F. J. Construction Co., 190 Ramsey
 §St. Paul Bldg. Co., 460 Rice
 *Siems-Carey Co., German Life bldg
 Thomas A. C., Shubert bldg
 STILLWATER—Olsen O. H. (Public Work)

VIRGINIA—Grande Andrew
 Roberts-Kingston Contr. Co.
 Shaver W. B.

WILLMAR—Haley Philip J.
 Olson J. H.

WINONA—Abell Otis (Paving, Sewer, etc.)
 Becker K. J.
 Brom Martin
 Knopp John
 Lohse John
 Seidiltz & Werner

MISSISSIPPI.

BILOXI—Rosell T. J.
 JACKSON—*Baxter J. J. (R. R. & Public)
 Garber I. C.
 Hardy H. K.
 Landen J. C.
 McGee W. J.

MERIDIAN—Dabbs C. H.
 VICKSBURG—Curphey & Mundy
 Helgason Bros.
 Padgett W. H.
 Zollinger V. T.

MISSOURI.

CAPE GIRARDEAU—Bender L. W. & Son
 Floesch Construction Co.

§Rabich Herman
 Vogelsang Bros. Const. Co.

COLUMBIA—Dumas L. W. Const. Co.
 Fellows John N.
 Miller Frank P.

STEWART J. A.
 FARMINGTON—McCarthy Lumb. & Const. Co.

JEFFERSON CITY—Pope Joseph
 Schneider Henry

JOPLIN—Bane & Hoffman
 Van Hafften Construction Co.

KANSAS CITY—Arkansas Bridge Co. (Bridges, etc.), N W cor 2nd & Wyandotte

§Bliss S. R. Co., Reliance bldg
 Blodgett Const. Co. (Bridges, etc.), Midland bldg

Bradbury Edwin H., Sheidley bldg
 §Brown Geo. L. & Son, Rialto bldg

*Cameron Joyce & Co., Midland bldg
 Carroll Martin Co., 1118 McGee

Canton Bridge Co., N. Y. Life bldg
 Clark Constr. Co., 928 B'way

Cleveland Trinidad Paving Co. (Paving, etc), 1927 Vine

Colyer Kit (Roads, etc.), Midland bldg
 Commercial Const. Co., Reliance bldg

Concrete Constr. Co., Sharp bldg
 Coughlan John P., 1822 Main

Crites F. H., 2136 Bellevue av
 Crosby L. & Son Construction Co., Massachusetts bldg

Economy Const. Co., 318 W 10th
 Fogle Construction Co., Reliance bldg

Fowler L. A. & Sons, 1409 Walnut
 §Fuller Geo. A. Const. Co., Dwight bldg

Gedney Wm. N., 11th & Main
 §Goodlander George W., S W cor 16th & White

Gray Constr. Co., 20th & Wyandotte
 Halpin-Boyle Const. Co., Midland bldg

Hollinger Job Const. Co., New Nelson bldg
 Home Const. Co., 1407 Walnut

§Horton Concrete Const. Co., Reliance bldg
 Hucke Geo. & Sons Bldg. Co., 307 Midland

Huggins Geo. W. Constr. Co., Commerce bldg
 Hunt Eng'g Co. (Cement), Republic bldg

Hutt J. E. Contracting Co., Midland bldg
 Jaicks Co. (Paving), Amer. Bank bldg

Kansas City Bridge Co. (Bridge & Stone Piers), Orear-Leslie bldg

Kansas City Const. Co., 7th & Ewing
 *Kenefick Wm., Bryant bldg

Kennedy Bros. (Paving), Midland bldg
 Kinghorn Alex., Reliance bldg

Kobert H. G., 721 Delaware
 Lattimer Fank H. & Son

*List & Gifford Const. Co., Dwight bldg

Long Const. Co., 3332 Summit
 Lonsdale Bros., Bryant bldg
 Lovitt C. W., Victor bldg
 *McMurry J. W. Contracting Co. (Bridges, etc), Sharp bldg

§McTernan & Halpin Const. Co., 2500 Grand av

Maley & Kelly Contracting Co., Mass. bldg

Marshall C. W. Const. Co., Reserve Bank bldg

Marshall D. E. Contr. & Mfg. Co., 2011 E. 10th

Midland Bridge Co., Midland bldg
 Mid-West Construction Co., Dwight bldg

§Morley Patrick J., 709 Wyandotte
 Morris A. F., Bryant bldg

Mosby-Goodrich Constr. Co., N. Y. Life bldg

Norton Bros. (Grading, etc.), 3517 Main

§Parker-Washington Co. (Sewers, Grading, Paving, etc.), 2309 Pennsylvania

Peterson Chas. E., Midland bldg
 *Sharp C. H. Contr. Co., Sharp bldg

Shawnee Const. Co., Gumbel bldg
 Siedhoff Geo. H. Constr. Co., Finance bldg

*Smith L. J., Commerce bldg
 Spiteaufsky Bros. Co., 27th & Liberty

Standard Bridge Co., Mass bldg
 Stiver Harvey, R. A. Long bldg

§Swenson Const. Co., Shubert Theater bldg

Tyner E. S., Const. Co., Midland bldg
 Union Bridge & Const. Co., Sharp bldg

Van Sant J. R. Const. Co., Dwight bldg
 §Wells Bros. Co., Waldheim bldg

Wilson W. A., Mass bldg
 Winn E. L. Const. Co., 12 15th

MEXICO—Evans J. B. Const. Co.
 MOBERLY—Lynch-McDonald Const. Co.

ST. JOSEPH—Buddy Phil. P. Bldg. & Const. Co.

Du Bois Reinforced Concrete Co.
 Hotchkiss Sam

Land Const. Co. (Concrete)
 Metropolitan Paving Co.

Olson-Schmidt Const. Co. (Grading)
 Reinert Bros. Const. Co.

Tasarden & Greenlee
 ST. LOUIS—Abadie E. H. (Engrs. & Contrs.), Merchant-Laclede bldg

§Althaus Jacob & Co. (Bldrs.), 810 Olive

Amer. Bridge Co. of N. Y., 3d Nat'l Bank bldg

§American Contracting Co., 201 Rutger

*Anderson R. A. Const. Co., Mercantile bldg

*Bambrick Bros. Const. Co., 5229 St. Louis av

Barron-Crawford Const. Co., Wainwright bldg

Black James Masonry & Contr. Co. (Sewer & Masonry), Empire bldg

Boeke Constr. Co., 1818 Ann av

Boland John V. Const. Co., Chemical bldg

§Bothe J. G. Contr. Co., 1603 N 18th

Bright J. H. Contr. & Bldg. Co., Title Guaranty bldg

Bruner P. M. Granitoid Co., Frisco bldg

Brunk C. O. A. Co., 816 Olive

Carmichael Wm. P. (Eng. & Contrs.), Rialto bldg

Carroll Contracting Co., Navarre bldg

Casey & O'Keefe Construction Co., 407 N 8th

Chapline Const. Co., Victoria bldg

Coleyite Const. Co., 2223 Scott av

Craig Plastering Co., Odd Fellows bldg

Crosby H. W. Contr. Co., 4048 Evans av

Cunliff Charles, Title Guaranty Trust bldg

Duffner & Stecker Const. Co., 722 Chestnut

Evans Dan'l Const. Co., Odd Fellows bldg

Eyermann G. & Bro., 1216 S Grand av

Eyssell M., 3d Natl. Bk. bldg

Farish & Gray, 3rd Nat. Bk. bldg

Federal Constr. Co., Odd Fellows bldg

Fehlig Const. Co., Theresa av & Hickory

Fitz-Gibbon J. D., Chemical bldg

Frein Masonry & Contrg. Co., 3803 Forest Park blvd

*Fruin-Bambrick Const. Co. (Public & Street Work), 800 S Spring av

Fruin-Colnon Contr. Co., Laclede bldg
 Gamble Const. Co., 620 Chestnut
 Gerhard E. C. Bldg Co., Victoria bldg
 Gillespie & Daly (Mason), International Life bldg
 Gillick Bros., 319 W Stein
 Gilsonite Construction Co., Wainwright bldg
 §Godfrey Jas. A. & Co., Wainwright bldg
 Goesse & Remmers Bldg & Const Co., 805 Cass av
 Graham Granitoid Co., 4952 Lotus av
 Graner-Mahoney Contracting Co., Wainwright bldg
 Granite Bituminous Paving Co., Rway Exch. bldg
 §Grewe John Construction Co., Century bldg
 §Grone Louis H., Benoist bldg
 Haeseler A. H. Bldg. & Const. Co., Wainwright bldg
 §Hall, Mackay Construction Co., Chemical bldg
 Hanick Quarry & Const. Co., Euclid & Ashland av
 *Hannan P. J. Co., Boatmen's Bk. bldg
 *Harrington Bros., 3959 Flad av
 Hartmann Bricklaying & Contrg. Co., Odd Fellows bldg
 Hartmann G. Contracting Co., Chemical bldg
 Harvey-Burden Const. Co. (Concrete), Chemical bldg
 Heman Constr. Co. (Sewer & Public), Title Guarantee Trust bldg
 Hickey Bros., Railway Exch. bldg
 *Hill John Const. Co. (Sewer, Paving, Waterworks & Masonry), Syndicate Trust bldg
 Hinchman-Renton Const. Co., Granibold Holland bldg
 Hirsch H. O., Wainwright bldg
 Inland Constr. Co., Syndicate Trust bldg
 Jones S. L. Bldg. Co., 717 Locust
 Kellermann Contracting Co., International Life bldg
 Kiel & Daues Bricklaying & Contr. Co., 2621 Clark av
 Kremer & Voirol Const. Co., 810 Olive
 §Lescher J. G. Construction Co., Delmar bldg
 Lloyd H. Bldg. & Const. Co., Odd Fellows bldg
 Loughman Jos. & Son, 1133 N Vandeventer av
 Lund Chas. N. Const. Co., 810 Olive
 McClintic-Marshall Construction Co. (Bridge), 3rd Nat. Bk. bldg
 McClure R. P. Const. Co., Ozark bldg
 §McCormack Charles B. & Son, Columbia bldg
 McCormack-Combs Const. Co., Columbia bldg
 McMahon Jas. T. Constr. Co., 1106a Hickory
 McMahon Jno. F., Wainwright bldg
 Manegold Contr. Co., Navarre bldg
 Merrill Construction Co., Century bldg
 Miller & Borcharding (Bridge), Frisco bldg
 Mississippi Valley Const. Co., De Menil bldg
 Missouri Granite & Const. Co., 3410 Gratiot av
 Missouri Valley Const. Co., 3rd Nat. Bk. bldg
 Moreno-Burkham Const. Co., Syndicate Trust bldg
 Morey Richard, Chemical bldg
 §Morrison R. W. Const. Co., International Life bldg
 §Mueller Frank C. & Co., 3933 Chouteau av
 Murch Bros. Const. Co., Railway Exchange bldg
 *Myers Construction Co. (Gen'l), 3rd National Bank bldg
 P-K Engineers (Power Plants), 1906 Pine
 Parker-Washington Co. (Engrs. & Contrs.), 6161 Maple
 Pelligreen Const. & Inv. Co., Grand & Park av
 Perkinson Bros. Construction Co. (Tel-ford & Public), 3237 Carter av
 Peters L. W., 785 Euclid av
 §Prendergast-Clark Construction Co., Chain of Rocks
 Prendergast Geo. G. Const. Co., 721 Olive
 Ratermann Bldg. & Contracting Co., 1943 St. Louis av

Reeves T. C., 4955 Berlin av
 Re-Inforced Concrete Co., Wright bldg
 Remmers F. J. Contr. & Bldg. Co., 805 Cass av
 Riley Wm. F. Const. Co., Victoria bldg
 Robinson S. R. H. & Son Contr. Co., Chemical bldg
 Rombaugh W. N., Gorlock bldg
 Rosedale Contracting & Supply Co., Delmar & Cates av
 Rowland J. H. Granitoid Const. Co., 610 Chestnut
 Ruecking Const. Co (Public Work), Marine av & Gasconade
 Rugg Constr. Co., Syndicate Trust bldg
 Rupp Jos. F. Bldg. & Contr. Co., 1901 E Warne av
 Ruprecht W. & F., 8011 S. B'way
 *Rust & Swift
 St. Louis Cont. Co., 4425 Clayton av
 Sauerbrum Const. Co. (General), Century bldg
 Schirm F. Contr. Co., 4336 College av
 *Scott Jno & Sons, Pierce bldg
 Selden-Breck Const. Co., Fullerton bldg
 Settle J. C. & Co., 810 Olive
 Simpkins Wm. H., 3005 Olive
 Sinclair Quarry & Const. Co., Syndicate Tr. bldg
 Skrainka Construction Co., Security bldg
 Springgate W. G., 412 N. Boyle av
 Stansbury J. A. & Bro., 816 Olive
 §Steininger E. A. Construction Co., Victoria bldg
 Sternberg Bros. (Dredging), Natl. Bk. of Commerce
STEWART JAMES & CO., INC., Harbor, Marine & Heavy Buildings, Boatmen's Bank bldg
 Stiers F. A., 4512 Morgan
 Sutherland W. M. Bldg. & Contr. Co., Syndicate Trust bldg
 *Thompson J. W. (Bridge Masonry, etc.), Boatmen's Bank bldg
 Toft M. J. Const. & Realty Co., Benoist bldg
 Tower Grove Quarry & Const. Co., 5927 Fyler av
 Unit Construction Co., International Life bldg
 Wade Bros. Const. Co., 2600 Clifton
 Ward T. J. Const. Co., 408 N 11th
 Ware J. A. Const. Co., Houser bldg
 Webb-Kunze Const. Co. (Grading, etc.), 5927 Fyler av
 Westlake Const. Co., Mercantile bldg
 Wiedreholdt Const. Co., Old Bank of Commerce bldg
 *Wilson W. R. & Son, Odd Fellows' bldg
 Wimmer Contracting Co., Victoria bldg
 *Wise J. H., Victoria bldg
 Woerman Const. Co., Century bldg
 Zbaren Geo. P., 4820 Ledue
 Ziegelmeyer & Suter, 7300 Minnesota
SEDALIA—Faulkner Frank G.
 Johnson Thos. H.
 Moyer Jerome
 Thomas M. O.
 Warren J. C.

SIKESTON—Murry Construction Co. (Large)

SPRINGFIELD—Compton A. A.
 *Hedges Construction Co.
 Jarrett Construction Co.
 Jarrett-Richardson Paving Co.
 Pauly & Ipsen
 Plummer-Adams Construction Co.
 Springfield Planing Mill, Lumber & Const. Co.

MONTANA.

ANACONDA—Calnan T. C.
BILLINGS—Gagnon & Co.
 §Lindstrom & Oren
 Nowell-Atherly Co.
 §Savarsey Frank
 Stanton Brace L.
 §Vincent H. G.
 Wesch & Berry
BOZEMAN—Brown J. N.
FORT BENTON—§Hagen Henry
GREAT FALLS—Jarl C. O.
 Lease M. N.
 Nilson & Smith Co.
HELENA—Dryburgh John
MISSOULA—§Olson & Johnson (Bldrs, etc)

NEBRASKA.

BEATRICE—§Kilpatrick Bros.
LINCOLN—Assenmacher W. J. Co.
 §Birchard G. H.
 Harrison T. P.
 §Jensen Louis
 §Lang & Browitt
 Olson Construction Co.
 §Stephens H. A.
LOUP CITY—Ohlsen John & Son
OMAHA—Alamo Engng. & Sup. Co. (Waterworks)
 §Bailey W. C.
 §Beck Alexander, Keeline bldg
 Benedict E. (Cemen), Keeline bldg
 Busk & Wind, Range bldg
 Butke Robert, Paxton bldg
 Campen Co., Omaha Nat'l Bk. bldg
 Canton Bridge Co. (Bridges), W. O. W. bldg
 Cathroe H. J. & Co., Ware blk
 Collins G. J. S., Omaha Nat. Bk. bldg
 *Condon Geo. W., W. O. W. bldg
 Deverell W. P., Range blk
 Friedman Samuel, Keeline bldg
 Gould F. P. & Son, City Nat. Bk. bldg
 Grove-Wharton Const. Co., New Omaha Nat. Bk. bldg
 Hamilton Ed. O.
 Harte J. H. 1609 Webster
 §Jespersen C. M.
 §Jobst B. J., Paxton blk
 Katz Construction Co. (Sewers, etc), Brandeis Theatre bldg
 *Lamoreaux Bros., Brandeis Theatre bldg
 Lanquist & Illsley Co.
 Lundburg Geo. E.
 Mardis J. C. Co., Brandeis Theatre bldg
 Minkin Bros.
 Murphy Hugh (Municipal Work, etc.), Bee bldg
 Nebergall L. E. (Artesian Wells), City Nat'l Bk. bldg
 §Parsons Grant, 5303 N 42d
 Petersen P.
 §Petersen Walter, Nat. Fld. & Cas. bldg
 *Peterson Edward Co., W. O. W. bldg
 *Phelan & Shirley, 306 S 24th
 *Pollard & Campbell, Brandeis Theatre bldg
 Public Service Const. Co., Krug bldg
 §Redgwick Wm., Leavenworth bldg
 §Selden-Breck Const. Co., Keeline bldg
 Standard Bridge Co. (Bridges), City Nat Bk bldg
 §Toms John J., Brandeis bldg
 §Weeks & Voss, 317½ S 12th
 Western Const. Co. (Bridges), Bee bldg
 §Wiese J. H., City Nat Bk bldg
SOUTH OMAHA—Carter N. E., 2314 Main
 Sorensen H. P., 13th & Harrison
TECUMSEH—Intermountain Bridge & Const Co (Street, Road, etc)

NEW HAMPSHIRE.

CLAREMONT—§Beckwith Hira R.
COLE BROOK—§Hicks A. C.
CONCORD—§Horne & Hall
 §Hutchinson Bldg Co.
 Rowell & Plummer (Masons)
 Swain Chas H. & Co.
 Virgin Wm E. (Masons)
EPPING—Manchester R. E. & Mfg Co
LACONIA—Wallace Bldg Co
MANCHESTER—Brunelle Arsene
 Bunton & Bernard
 Demers Joseph C.
 Golden & Bartlett
 Guertin J. Noel
 Keane P. J. & Son
 Kennedy & Peterson Construction Co
 Lafamme Frank X.
 Lizotte Joseph
 Macropal Harry
 Martel L. E.
 Matteau J. Adam
 Mendell J. H. Engng. & Const. Co.
 Provost F. T. & Co
 Toupin Joseph
NASHUA—Fowell Wm. & Son
 Holt Duane F. & Son
 Nashua Bldg Co
 Osgood Cons. Co. (Waterworks, Sewer, etc)
PORTSMOUTH—Trefethen E. W. (Sewer, etc.)

NEW JERSEY.

ALLENHURST—Fielder Elbert O.
ARLINGTON—Salmond Bros Co
ASBURY PARK—Chamberlain J. & Sons
Mooney Elwood W.
§Smock Benj. L.
§Taylor I. R. & Co
ATLANTIC CITY—Abacus Const Co
Atlantic Const & Supply Co
§Beaumont Wilbert
Bowen Richard T.
Buckley Ellwood
Cramer Augustus
Crosta Edward A.
Cunningham Frank M.
Goff Garner T.
§Hampton Bros. Co.
Hannum Philip G.
§Headley Samuel H.
Higbee Enoch L.
§Higbee Wilbur S.
Hill Dredging Co. (Harbor & Public)
Holland E. J. Constr. Co.
§Ingersoll John W.
§Knauer Newton W.
§Mathis Hiram
§Mathis J. & Son
Moore Alfred
Murtland Christopher G.
Nichols Martin S.
§Scull Bros.
§Scull Harry G.
§Smith Ellsworth E.
Taylor W. G. & Son
§Tilton Chas. P.
§Young Nicholas W.
ATLANTIC HIGHLANDS—Wells Wm. L.
Woodward John & Co.
AVALON—§Kates Geo. W.
BAYONNE—Ahlfield Bros.
Brady Bros. (Large)
Brady's Jas. Sons Co.
Gottko J. & Sons (Masons)
Grant J. W.
McCabe Bros.
Pharo J. A.
White Michael
BEACH HAVEN—Butler Wm. L.
BELMAR—§Hutchinson Forman S.
§Pierce H. Frank
BERNARDSVILLE—§Dobbs Jos.
BLOOMFIELD—§Delp Jacob (Masons)
§King Hugh D.
§Moormann Bros. (Masons)
Sempler John
BOUND BROOK—McNabb John
BRIDGETON—Bridgeton Construction Co.
Grosscup & Sons
Sharp Leander
BURLINGTON—Norcross J. J.
Williams H. H.
CAMDEN—§Anderson Gustavus
§Bachmann Geo.
§Barcklow & Fulton
Dick Wilmot
§Draper James W.
Harden Frank
§Hensgen Herman
§Kelley John M.
Makel John
Mockett Constr. Co.
Patchett Oscar
§Ratliffe Griffith
Stant, Benj. F.
Wagner Philip
CAPE MAY CITY—§Hanes Jos. H.
York Bros.
CLOSTER—Bell W. H.
Taveniere & Johnson
CRANFORD—Loveland L. L.
EAST NEWARK—Van Keuren & Son
EAST ORANGE—§Grobert Henry
Struck Fred M.
Tobin Richard L. Co.
ELIZABETH—Barnes & Van Bergen
Byrnes Michael Bldg. Co.
§Clifford Wm. & Sons Co. (Building)
Ellbacher Chas.
§Flocken Chas. (Building & General)
Kerr Alex. & Son
Lammerding John (General)
McCloud Wm. J. & Co. (General)
New Jersey Dock & Bridge Building
Co. (Harbor Improvements, etc)
Warren Jas. W. Bldg Co.
ENGLEWOOD—§Bogert Chas. A.
§Bried Jas. L.
Brucker Charles
Mackenzie R. H.
Reeve Wm. D. (Mason)
§Vignaux W. A.
§Westervelt J. S.
FAIR HAVEN—Smith A. E.
Smith G. W.

FAR HILLS—Layton Jos.
Moore Wm. R.
GLEN RIDGE—§Higgins Thos. H.
GRANTWOOD—Scioli Nicola
HACKENSACK—§Birley Geo. H.
§Collins Geo.
Humphrey E. C.
Long F. R., W. G. Broadhurst Co.
Whyte Wm. H. Const. Co.
HARRISON—Harper David (Roads, etc)
HOBOKEN—§Farrell M.
§Muller & Co.
Rath Robert J. (Mason)
Waddington R. & Son (Street &
Public)
Whalen James
Whan Alexander
HOLLY BEACH—Scully C. J.
IRVINGTON—Dorer John (Excavating &
Grading)
§Henningsen Bros. (Masons)
§Horsch Philip (Mason)
Irvington Bldg. Co.
Zacher & Kurlie, 460 S 21st
JERSEY CITY—§Anderson & Johnson, 75
Roosevelt av
Baker Wm. (Sewer, Paving, etc), 137
South
Byrne Henry (Public Works), 392
Mercer
§Connelly P., 13 E Hamilton pl
Connolly M. T. Contrg. Co. (Public),
238 17th
§Crone A. W. & Sons, 498 Central av
Delatush Henry Co., 562 Newark av
§Eichmann Robt. W., 234 Summit av
§Gavin & Doris (Masons), 273 Grand
Groszklaus John & Son, 299 Old Bergen
rd
§Hackett M. & Sons (Masons), 224
Griffith
Hahn Henry, 247 Summit av
§Harrington T. & Sons, 553 Mont-
gomery
Hudson Concrete Const. Co., 452 Mont-
gomery
Jewkes Jos. & Sons, 676 Montgomery
Lothrop John M., 2381 Boulevard
McDonough H. (Mason), 265 Bergen av
Mannix Jas., 25 Gilchrist
§O'Reilly Contrg. Co., 90 Neptune av
Robertson Wm. & Son, 15 Exchange pl
Rode W. C., 153 Garfield av
*Ross P. Sanford (River & Harbor),
277 Washington
Shanley J. F. Co., 26 Exchange pl
Shannon J. H. & R., 538 Bergen av
Stillman-Delehanty-Ferris Co., 26 Ex-
change pl
Tumulty P. Jr., 59 Brunswick
Whyte Wm. R. (Mason), 36 Oakland
av
KEARNY—§Dunn Jas. J.
Maher & McNicholas
Smith Geo. Jr. (Concrete)
LONG BRANCH—§Hughes R. H.
Melee Owen J. (Bridges, Docks, etc.)
§Woolley Geo. & Co.
LYNDHURST—Burke W. J.
MANTOLOKING—Stillwell Jos.
MILLVILLE—§Chambers A. J.
§Hoffman Henry (Mason)
§Hoffman Jas. (Mason)
MONTCLAIR—§Boxall Geo. W. (Masons)
Carlson J. S. & L. Co.
§Clark Allison P. Co.
Fusco Donato (Sewers)
Gibbs Fred W. Contracting Co. (Street
& Concrete Work)
§Nelson Nels P.
§O'Neill, Edward C.
Osborne & Marsellis Co. (Roads)
§Ring Edward D.
§Sims Benj. G. (Excavating & Grad-
ing)
MOORESTOWN—French Walter S. (Sewer,
etc)
Rogers J. S. Co.
MORRISTOWN—§Collins John D. (Mason)
§Dalglish Robert
De Coster, Mills & Co.
Grupelli Eney
New Jersey Engineering & Const. Co.
§Reeve & Burr
Sturgis Bros. (Masons)
NETCONG—Allen Engng. & Contr. Co.
NEWARK—American Concrete Steel Co.
(Concrete work), 29 Clinton
B. & W. Concrete Co., 207 Market
Baer H. Co. (Cement Const.), 842 S
19th
Becker Const. Co. (Concrete), 361
Grove
§Becker L. C. & Son, 415-13th
Blanchard Wm. L. Co., 45 Pointier

§Clarks A. H. Son (Masons), 275
High
§Connolly Wm. H. Co. (Mason), 495-
12th av
§Cooper Chas. S. (Mason), 45 Clinton
av
De Camp & Sloan Mfg. Co., 420 Ogden
Dey J. F. Co., 263 Lake
Duckworth-Crawford Co. (Excavating
& Road, etc), 111 High
Egan Cement Paving & Const. Co., 490
S 13th
Enstice Bros., 45 Clinton
Fatzler Fred Co., 810 Broad
Fritz W. G. Co., Essex bldg
George & O'Connor Co. (Excavating),
207 Market
Globe Bldg. Co., 443 Broad
Handlowitch J. (Cement Const), 579
S 19th
Harrison & Craig Co. (Public Wk),
837 Broad
Hedden Const. Co., 760 Broad
Henry David Bldg. Co., 6 Smith
§Kilgus Fred, 13 S 6th
Licht Adam, 80 Alyea
*Linde & Griffith Co. (Bridges, Con-
crete, etc), ft 4th av
MacPhee Bros., 1045 Bergen
Milroe Alex. J., 83 Littleton av
Milone Const. Co., 800 Broad
New Jersey Cement Const. Co., 359
Park av
Newark Paving Co., 133 1st
*O'Gara & Maguire (Road, Paving,
etc), 127 Freylinghuysen av
Oschwald Bros. (Masons), 845 Broad
Peck & Benson, 31 Clinton
Pitts Co. (Paving), 58 E Park av
Reynolds Const. Co., 308 S 9th
Robinson Jas. E. (Engineering), 274
South
Robinson Jos. A. (Paving), 87 Madison
Schaezel & Bro. Co., 118 Bruce
Schneider H. C. Co., 514 S 14th
Schubert Jos. C. Sons, 364 S 11th
Shanley J. F. Co., 31 Clinton
Shaw Jno. W. & Son Co., 351 S 9th
Van Keuren & Son, 501 Passaic av
Vanderhoof Peter & Sons Co. (Mason-
ry, etc), 285 Broad
Varley Geo. & Sons, 29 Hudson
§Waldron Edw. M., 207 Market
Waldron E. M. & Co., 84 S 6th
NEW BRUNSWICK—Conway Martin
Rule Geo. B.
Sebolt Conrad
OCEAN CITY—§Corson Leander S.
Sutton & Corson Co. (Roads, etc).
§Townsend Otis M.
OCEAN GROVE—Leaw Bros.
ORANGE—§Berrymann John
Dexheimer P. & Sons
Edwards W. F. & Co.
§Hay Wm. A.
Kearns Patrick
§McElnea David
Nelson Const. Co. (Concrete)
§Preiss & Co.
Soverel S. H.
†Wright & Lindsley
PALISADES PARK—Steenland Const. Co.
PALMYRA—§Shade John W.
§Shaner Geo. W. & Son
PASSAIC—Baker Wm.
De Vogel Contr. Co.
O'Leary J. J. Co.
Skvarla John (Mason)
Swenson J. & Son
PATERSON—B. & W. Concrete Co. (Con-
crete)
Campf Ralph
De Jong Chas. Bldg. Co.
§Ferguson Jno. W. Co.
§Gleek Albert & Son (Masons)
Henry David Bldg. Co. (Engrs &
Contrs)
Lynch Michael Const. Co.
McKiernan & Bergin (Roads, Paving,
etc)
Pittet Felix G. (Mason)
Platt Wm. L. Const. Co.
Sharpe Joseph Const. Co.
Sullivan & McNally Co.
§Tanis Nicholas (Mason)
§Van Houten A. B. & Son
Van Kirk P. S. Co. (Mason)
Vanderweil Garret (Mason)
Verduin Abraham (Mason)
PERTH AMBOY—Christensen Carl C.
Crouse Ira R.
§Donehue John C. (Mason)
Graham & McKeon
Meagher & Smith
Mercer Geo. W. Const. Co.

PLAINFIELD—Abbott John C.
Manning Jas. C.
Milne Alexander
Tallamy B. F. & Bro.
PLEASANTVILLE—Adams Chas. S.
Adams Winfield
Yates James
PRINCETON—Gill John P.
McCarthy & Sons Co.
Matthews Construction Co.
Stillwell S. H.
Warren Benj. R. & Sons
RAHWAY—Lamphear Henry L.
Weldon Contr. Co.
RED BANK—Burd Chas. E.
Monmouth Contracting Co.
Thompson & Matthews Co.
RIDGEFIELD PARK—Brewster H. N.
RIDGEWOOD—Christopher J. H.
Phillips & Sons
Zabriskie P. L.
RUTHERFORD—Ahrens, Claus & Co.
Van Roden Frank
SEA ISLE CITY—Arnett Edw. B.
Delaney J. P.
Speer L. J. & Son
SOMERVILLE—Hardgrove Wm. (Macadam & Public)
SOUTH ORANGE—Becker Henry & Sons (Masons)
Kernan R. H.
SOUTH VINELAND—Brown Arthur
SPRING LAKE—Moore H. H.
STONE HARBOR—Larsen Contr. Co.
Turpin Wm. L. & Son
SUMMIT—Gilchrist David D.
Helms F. W. (Masons)
Lamb John J.
TENAFLY—Brewster Geo. M. & Son
Westervelt Geo. E.
TOWN OF UNION—Dennehy Thos.
De Riso Bros.
TRENTON—Bugbee Newton A. K. & Co.
Burton & Burton (Masons)
Case Andrew J.
Donegan Thos. F. (Mason)
Dugan Dan A.
Freedman Louis
Hooper John W.
Hurley Jno. H. (Sewer, etc)
Lawton, Lewis & Sons (Masonry, Kiln Bldrs)
Martin Jos.
Mather S. W. & Sons
Morris W. J.
Reeger Ed.
Voorhees A. C.
VERONA—Bahr Chas. (Excavating & Grading)
Brown Ed. B.
Farrand Teo. S.
VINELAND—Foult Walter L.
WASHINGTON—Lance Arch
WEEHAWKEN—O'Rourke Engr. & Contr. Co.
WEST HOBOKEN—Kleinke Aug.
Murphy Jos.
WEST NEW YORK—Mazzoni R.
WEST ORANGE—McElnea Henry
Vogel Adolph
WILDWOOD—Bonham Winchester
Reeves Mark B.
WOODBRIIDGE—Treen John, Jr. (Mason)
WOODBURY—Best Jos. B.
Henry Edw. P.
WOODSTOWN—Seagraves & Purtel

NEW MEXICO.

ALBUQUERQUE—Gertig E. A.
Harlan J. A. & Son (Mason)
Hayden A. W.
Lemke E.
McQuade J. W. (Building, etc)
SANTE FE—Campbell Bros.
Digneo Carlos (Mason)
Windsor A.

NEW YORK.

ALBANY—Bame & Cardell, 176 Warren
Boland C. P. & Co., 36 State
Collins Bros., 82 State
Dillon Edward F., 5 N First
Dollard M. F. (Grading)
Dyer Jno. Jr. (Docks, etc), 6 S Pearl
Feeney & Sheehan Bldg. Co., 164 Montgomery
Finke Bros., 302 Central av
Finn James J. & Son, 9 Cuyler av
Ft. Orange Const. Co., 112 State
Fulton Bros. (Mason), 58 Morton av
Gillespy John H., 15 Summit av
Growe J. F. Construction Co., 479 S Pearl

Kantrowitz Morris, 20½ Market
Keeler Peter Bldg Co., 425 Orange
Langan Construction Corp., 90 State
Little & Zengen, 284a Quail
McCann Bldg. Co., 68 State
Pasquini Attilio, 208 Sherman
Randerson John P. (Dredging, etc), 33 State
Russell & Boyd Bldg. Co., 41 Central av
Ryder M. L. Bldg. Co., 362 State
Sewell R. P. & Sons, 540 Hudson av
Shaugnessy Const. Co., 372 B'way
Sheehan Wm. G. Const. Co., 23 De Witt
Stephens Thos. & Sons, 275 Lark
United Const. Co. (Bridges, etc), 27 James
Waldbillig John B., 425 1st
Walker Jos. Const. Co., 90 State
Zepf Bros., 2 Fourth av
ALBION—Buell Ward S.
Batt Wm. H.
Gear P. L.
Harris Geo. D.
Hucknall Thos. (Road)
Phillips Fred, Sr. (Mason)
AUBURN—Brayer Bros., Smith block
Defendorf Chas. J.
Koon E. B. & H. J. (Masons), 31 Mill
Stuart Wm. A.
Williams Luke
BABYLON—Howell E. W.
BATAVIA—Cummings J. C.
Dellinger Edward
Ditzel & Ward (Masons)
Glade John & Sons
Pickert John
BINGHAMTON—Ford M. I. Co.
Jones-Beers Co.
Lewis John L.
Mitchell Reynolds Co.
O'Neill Geo. F.
O'Neill Jas.
Tyne & Willey
Willey A. L.
BROCKPORT—Cleveland & Sons Co.
BUFFALO—Albrecht John (Mason), 167 Grace
American Concrete Co., 166 Georgia
Anderson Aug. E., Prudential bldg
Barnwell E. P., 398 14th
Beck Herman, 325 Winslow av
Beecher Scott M., 1054 Lovejoy
Berrick's Chas. Sons Co., 1151 Main
Bird Christopher (Excavating), 95 Greenwood pl
Borkenhagen A. & Son, 175 Norwalk av
Boseck Otto, 99 Mariemont av
Brown Thos. Contracting Co. (Excavating, etc.), 1135 Niagara
Buffalo Dredging Co. (Dredging, Sewer, etc.), D. S. Morgan bldg
Burgard Henry P. Co. (Sewer & Public), 1963 Fillmore av
Burke Jas. J. & Sons, 336 Katherine
Busch & Percival (Engineers & Contrs), Brisbane bldg
Chesley, Earl & Heimbach, Inc. (Pile Driving, Excavating, Railway & Factory Building, Concrete, Masonry, etc.), 20 Breckenridge
Cohen Frank L. (Paving), 49 Niagara
Cold Springs Constr. Co., 528 Ellicott sq
Constantine Constr. Co., 240 Dewey av
Cowper John W. & Co., Fidelity bldg
Crescent Concrete Co., Erie Co. B'k bldg
Crooker B. I. Co., Builders Exchange
Dadswell Arthur L., 334 E Ferry
Danforth John W. Co. (For Mechanical Equipment), 70 Ellicott
Dark & Co. (Sewer, etc.), 654 Main
Delmonte Paving Co., (Paving), 1537 Fillmore av
Dill Wm. H. Co., 153 Masten av
Duroilthic Co., The, Ellicott sq
Dwyer J. W. & Son, Ellicott sq
Eagan & Dougan, Mutual Life bldg
Eastern Concrete Steel Co. (Reinforced Work, Sewers, etc.), D. S. Morgan bldg
Erie Bldg. Co., Erie Co. Bk bldg
Erie Const. Co., Marine Natl. Bk. bldg
Erie Contr. Co., D. S. Morgan bldg
Everitt C. H., Auburn bldg
Federal Concrete Co. (Concrete), Mutual Life bldg
Felton Wm. F., 1450 Michigan av
Fimiani Joseph & Son (Masons), 483 Breckenridge
Forbach Christ, 204 French
Frailey J. & Bro., 24-10th

Frank Peter H. (Masonry), 257 Elmwood av
Friedman F. J. & Son (Mason), 38 Fox
Frontier Contr. Co., Morgan bldg
Gentile Bros. (Mason), 617 Abbott rd
German Rock Asphalt Co. (Paving), D. S. Morgan bldg
Gibbs John W., Morgan bldg
Grattan & Lattimer, ft of Main
Grupp Edw. & Son (Mason), 205 Riley
Hager E. M. & Sons Co., 141 Elm
Haist Edw. R., 1701 Main
Hankin Robt. F., 263 Riley
Hansel Frank G., White bldg
Harrison Engineering & Constr. Corp., Morgan bldg
Henrich's Wm. Sons Co., 193 Spring
Herman Geo., 28 Hillside av
Hibbard Frank W., 108 Fargo av
Hoffmeyer Bros., 308 Dearborn
Horton D. E. Const. Co. (Pile Driving, Dock Crib & Trestle), Marine Nat Bank bldg
Hudson Mathew J., Erie Co Bk bldg
Hughes Geo. M., 211 E Utica
Huntley & Derdinger Corp., Electric bldg
Hydro Construction Co., Mutual Life bldg
Kempf Geo. Sons, 823 Virginia
Klopp John F., 100 Dorchester rd
Koelle Aug., 61 Bissell av
Krantz John J., 64 Peck
Lancot H. H. & Sons, 700 Ellicott sq
Lang Geo. Baker (Large), Blagdon
Linwood Constr. Co., Marine Nat'l Bk. bldg
Lonctot H. H. & Sons, 700 Ellicott sq
Lathrop, Shea & Henwood Co., 428 Ellicott sq
Maltby Geo. W. & Sons Co., 21 Maryland
Mayer Albert A. (Concrete), 128 Fillmore av
Metz Bros. Co., 1295 Fillmore av
Metzler Wm. G. (Mason), 28 Paul pl
Monarch Engng. Co., Cham of Com bldg
Morris & Allan (General), Builders' Exch
Mosier & Summers (General), 1266 Seneca
Mumm Fred J., 174 Best
Mussell A. & Sons, 1220 Hertel av
Nevinger Dan'l D., 1259 Abbott rd
Niederpreum Bldg. Co., 1170 Jefferson
O'Day John (Marine Contr), 90 Miami
Parks Geo. & Sons Co., 217 15th
Progressive Structural Steel Co. Builders Exchange
Pugell John, 207 Loepere
Richter Joseph, 863 Glenwood av
Riemer Otto, 63 French
Rhode Wm., 680 Elm
Rossney Contrg. Corp., Mutual Life bldg
Sansom & Nagel (Mason), Iroquois bldg
Schaaf Co., Mutual Life bldg
Sherrill Chas. L., Morgan bldg
Smith W. G. (Sewer), 15 Florence
Spire & Prior (Paving, Sewer, etc), Ellicott sq
Stabell Jos. F. Co. (Sewers, Public & R R Works), 1127 Niagara
Stahlka Paul, 1110 E Delaware av
Stokes William Sons, Brisbane bldg
Suor & Suor Bldg. Co., Builders' Exch
Tunmore A. E., 496 W Utica
Turner Construction Co., Prudential bldg
Wagner Peter & Son, 384 Herman
Williams Robt. E., Iroquois bldg
Wittig A. F. & Son, 2554 Bailey av
Ziegler A. & Son, 164 Edward
CANANDAIGUA—Rouse George & Son
Smith Hugh M. & Son
CATSKILL—Holdridge Geo. W. & Co. (Street)
CLYDE—Tuck C. H.
COHOES—Buchanan Wm. D.
Grattan T. F. Co.
Neary J. H. & Sons
O'Clair John
Slavin M. Son
CORNING—Bradley John C.
Corning Building Co.
Drehmer H. G.
Runner D. M.
CORNWALL—Taylor Harvey R. Building Corp. (General)
CORTLAND—Beers & Warfield (General)
DOBBS FERRY—Creedon Michael
Odell Geo. W.

DUNKIRK—Aldrich Benj. F.
Dunkirk Const. Co.
Dunkirk Mason & Contr. Co.
Meister Contr. Co.
§Richardson Ernest F.
§Taylor John A.
Union Builders Co-Operative Contr. Co.
ELMIRA—Compton W. R. Realty & Bldg. Co. (Inc)
§Cunningham John
McGreevy, McGuigen & Baum Const. Co.
Pulford Dempsey Const. Co.
Thurston & Haskell
FREDONIA—Lyne S. T. (Paving & Sewer)
GENEVA—Benjamin Chas. K.
Dove Wm. G.
Finn Jas. E.
Frautz Wm. H. (Mason)
Henry J. G.
Henson R. W.
Hilkert A. B.
Nagel Samuel
Sattler Wm.
GLENS FALLS—§Acker J. Fred
§Dubea A. J.
§Fredella Jos.
§Goodness J. E.
Rhineland R. H.
GLOVERSVILLE—Banker A. M. (Paving, etc)
Brace A. E. Construction Co.
Brott H. R. (Mason)
§Dye John K.
§Dye Walter F.
§Finkle J. J.
Henry A. L.
Lair John M.
GREENPORT—Reeves W. H. & Co.
HAVERSTRAW—Carson & Furman
Springsteen Bros.
HERKIMER—Newport Const. Co.
HORNELL—Spink Wm. H.
Tucker Seth L.
Witt Concrete Const. Co.
HUDSON—Cruise Thos.
Hester, Dennis & Son
Panigot C. W.
Van de Carr & Stacy
HUDSON FALLS—Flood & Van Wirt Co.
Kingsbury Const. Co.
ITHACA—Driscoll Bros. & Co.
§Sager & Nelson
§Swartwood C. J.
JAMESTOWN—Calahane Jas. P. (Sewer & Conduit)
Haas Chas. C.
Jamestown Construction Co.
Lawson J. F.
Lindbeck Chas.
Mahoney John (Paving, Sewer)
Mahoney Thomas (Paving, Sewer)
Mahoney & Swanson (Bridges, Concrete)
Shellberg & Lawson
§Swanson Chas.
Warren Construction Co.
JOHNSTOWN—§Hess Jonah
§Howarth G. H. & Son
§Nolan Bros.
§Seaman Jas. & Son, 303 S Perry
§Simmons P. M., 18 S Market
KINGSTON—Campbell & Dempsey Co (Public Work & Masonry)
Dederick A. E.
Hunt Bros.
Mauterstock Albert
Osterhoudt P. C. & Co.
Swart Elmer E.
LACKAWANNA—Strack Fred C. (Sewers, etc)
LANCASTER—Adolph Joseph
Ott Bros. (Paving, etc)
LAWRENCE—Smith John H.
LITTLE FALLS—Berrigan William J.
Eagan Chas. (General)
Hallinan Bros. (General)
McCaghey P. B. & Co.
LOCKPORT—Le Valley Frank J. (Sewer, Excavating, etc)
Moon John
Nottleman Wm. J.
O'Brien Andrew M.
Stainthorpe C. N. & Co.
LYONS—Bramer E. L.
MALONE—Murtagh P. J.
MEDINA—Schuyler J. P.
Soule A.
MEMPHIS—Paddock Frank E.
MOUNT VERNON—§Borgwald John (Masons)
§Borgwald Wm.
Evans S. T.
§Haag Jacob
Jenks & Plume (Masons)
§Kain Jas. R.

§McCarten A. J.
Nordone Frank
§Reid Jas. M.
§Robinson Harry J.
§Robinson W. J.
§Sergeant Wm. H. (Mason)
Stolz A. G.
§Ultcht A. A.
Weldon Geo.
NEWARK—Schuman O. E.
NEWBURGH—Burhans Lewis
Creveing Whitfield
Newburgh Planing Mill Co.
Parrott Wm. (Dock & River)
Theall W. L.
§Todd Jas.
§Tweed & Woodruff
Wilson J. D.
NEW ROCHELLE—Bantel M. (Mason)
§Dassler S. W.
§Doyle John
Ensinger Contr. Co.
§Kirchoff A. G. J.
New F. J.
Pioneer Contr. Co.
§Reid Thos. J. & Co.
§Thompson John N.
§Watson Geo.

NEW YORK CITY.
Borough of Brooklyn.
BROOKLYN—§Anderson's John D. Sons, 952 Greene av
Ashfield F. J. (Large, 350 Fulton
Borough Development Co., 186 Remsen
§Brown Henry J & Son, 1534 Fulton
§Brown Rufus H. Inc., 350 Fulton
§Bruchhauser Henry & Son, 130 Ellery
Buckley Washington, Inc., 94 Emerson pl
§Calder Wm. M., 1648 11th av
Cashman John J., 44 Court
Caulfield C. F., 114 McDonough
§Chatterton Jas. M., 108 S 8th
§Church & Gough, Jefferson & Wychoff avs
Clarke T. A. Co., 122 Livingston
§Cleary Peter (Large), 115 Marlon
Cranford Charles, 186 Remsen
Cranford Co. (Paving), 52-9th
Cronin Barth S. Co. (Dock & Public Works), 573 Clinton
Dady M. J. (Public Works), 350 Fulton
§Diamond Bernard, 12 Bergen
§Diedrick Aug., 97 Van Buren
Donegan D. Co., 5904 14th av
§Donlon Thos. Co., 294 Butler
§Dooley C. L. Inc., 257 Adelphi
Driscoll Geo. F. Co., 548 Union
§Felgenhauer Frank J. Co., 4 Court sq
§Ferguson Robt. B. (Large), 254 Lee av
§Fittall John C. Co., 181 Putnam av
§Franz Chas., 365 Kosciusko
§Fraser & Berau, 749a Macon
§Gallagher B. & Son, 134 B'way
Gallagher Frank J., 490 Park pl
§Greenman Wm. B., 350 Fulton
§Guthy Peter, 926 B'way
Hossack Bros., 62 Schermerhorn
§Hough Sam'l L. (Large), 344 Roebeling
Jung Fred'k, 316 Evergreen av
Kane Bldg. & Contrg. Co., 83 Rapelyea
Kelly Thos., East New York av
Kleinert Albert E., 316 Flatbush av
Kordes Hy. E., 243 Moffat
§McCormick Thos. E., 810 Lincoln rd
§McGarry W. P. Co., 306 Freeman
§MacArthur Jas. Co., 22 Ormond pl
§Maguire Edward J., 1263 Atlantic av
§Masem Nicholas & Co., 369 Troutman
§Miller Wm. G., 16 Bedford av
§Moore Wm. D. & Sons, Winthrop
Nelson John F., 693 Hicks
Newman & Carey Sub. Const. Co., 1228 Nostrand av
§Norton & Gorman (Public Works), 301 Douglas
O'Rourke John H. Co., 264 39th
Otis H. F., 488 Clermont av
Rocker Henry, 357 Crescent
§Rush Frank H., 393 Greene av
§Scala Vincent, 73 Carroll
§Schaedel Geo. W., 144 Devoe
§Schlachter Henry, 348 Alpha pl
§Schneider Christ & Son, 1251 De Kalb av
Schubert Bernard, 155 Jamaica av
§Smith Howard J. & Son, 256 St. James pl
§Smith & Thompson, 47 Park pl
Strype Richard, 40 Coffey

§Thatcher Jno. & Son, 60 Park av
Thompson Wm. R., 704 Lafayette av
Tunison Willard E., 262 Greene av
Veit Herman, Inc., 260 De Voe
Walsh Frank M., 374 Hamilton av
Warwick & Collins, 108 S 8th
§Zimmermann Louis, 27 Logan

Manhattan and The Bronx.
NEW YORK—A. D. Standard Contrg. Co., 225 Lexington av
§Abbott E. T. Construction Co., 1135 B'way
§Adams Albert L., 217 E 5th
Adams Chas. J. & Sons, 24 Gold
§Adamson J. H., 57 Ann
§Alexander Robert, 130 W 24th
Almion Engng. & Contr. Co., 27 E 22d
Ambursen Co. (Dams, Bulkheads, Power Houses & General Hydraulic Const), 61 B'way
§Amsterdam Building Co., 140 W 42d
Andrews Bldg. Co., 1475 B'way
Andrews Engineering Co., 120 Liberty
Architctural Contrg. Co., 101 Park av
Asphalt Construction Co. (Paving, etc), Madison av & 137th
Atlanta Contracting Co., 230 E 42d
Baird Matthew Contracting Co. (Public Works), 433 E 92d
Barstow W. S. & Co. (Gas, Electric & Power Plants), 50 Pine
Beaumont G. B. Co., 286 5th av
§Beers Isaac, 123 E 23d
§Beinhauer Alfred, 25 Beaver
Benedetto Clark Nugent, Inc., 423 E 115th
Bergen & Lindeman, 191 Broadway
Berlin Construction Co., 220 B'way
Best H. D. Co., 52 Vanderbilt av
Bishop J. W. Co. (Bldg, etc), 101 Park av
Blumenauer Wm., 373 E 151st
Booth & Flinn, 17 Battery pl
Bouker Contracting Co., 24 State
Boyle Frank & Sons (Masons), 154 E 40th
Bradley Contracting Co., 1 Madison av
§Brady John T. & Co. (& Masons), 103 Park av
Braender Bldg. & Const. Co., 315 4th av
Breen Michael, 1363 McCombs rd
§Breen & Rinn, 624 Madison av
Brennan Peter J. & Son, 624 Madison av
Breuchaud Jules, 290 B'way
Briggs & McLaughlin Contrg. Co. (Sewerage), 337 E. 134th
*Brocklehurst & Potter Co., 1328 B'way
§Broderick Edmund D., 110 W 40th
§Brooks E. & Co., 3 W 39th
§Brose Andrew, 1 Madison av
Brown Elliot C. Co., 70 E 45th
Bryson Thos. B., 52 Vanderbilt av
Buckley Jeremiah, 2233 Creston av
§Bunn & Nase, 1123 B'way
Burnett Engng. & Const. Co., 501 W 145th
Calhoun D. A. & Co., 52 Vanderbilt av
Campbell Christopher, Inc., 286 5th av
Canavan Contrg. Co., 1966 B'way
§Cane W. H. & F. W., 233 B'way
Carleton Co., 151 W 42d
§Carlin P. J. Const. Co., 1123 B'way
§Carpenter Edw. A., 101 Park av
*Carter Const. Co., 42 B'way
Casey Richard H., Inc. (Large), 246 W 16th
Cauldwell, Wingate Co., 381 4th av
Chapman F. H. Contracting Co., 103 Park av
Chapman Robt. & Co., 1874 Park av
City & County Contract Co., Grand Central Terminal
*Clark & Co. (Public Works), 225 5th av
Cluce Robt. J., 3d av & 148th
Cody J. W. Shor'g & Contr. Co., 200 W 91st
§Collins Walter M., 15 W 38th
Colon George & Co., 81 E 125th
Comerma Co., 11 E 42d
†Commercial Const. Co., 8 Bridge
Comstock L. K. & Co., 30 Church
§Connors Bros. Co., 64 W 88th
Connolly Jas., 355 Rivington
Consolidated Telegraph & Electrical Subway Co. (Subway, etc), 54 Lafayette
Constant P. J., 277 B'way
Construction Service Co. (Engrs & Contrs), 15 William
Contessa Vito, 311 E 119th

Cook F. A. & Son (Masons), 127 W 40th
 Cooper Hugh L. & Co. (Water Power Construction), 101 Park av
 Cooper & Evans Co., 220 B'way
 Cornell J. N. H., 29 B'way
 Corning Edward Co., Vanderbilt av & 45th
 Corson George W. & Sons, 161 E 84th
 Cotter T., 2364 Tiebout av
 Cowen Chas. A. & Co., 30 E 42d
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 Murray Martin & Co. (Roads, etc)
 Nial Bros. Const. Co.
 Ruddy & Saunders Const. Co.
 Soutar & Ritchie
 Spence George Jr.
UTICA—Alto Construction Co.
 Beebe H. R.
 §Byrnes Thos. F. (Mason)
 §Gassner A. & Son
 Griffiths & Pierce
 §Kassing Henry (Mason)
 Kerner P. & Sons
 §Lancaster Harry (Mason)
 §Lloyd Richard G. Co.
 Peters Nicholas D. & Co. (Paving, etc), 301 Kossuth av
 Richards R. & Son Co., 246 Elizabeth
 Roberts H. W. & Co.
 Shippey Geo. W. (Mason)
 Thomas & Hughes
 Troy Public Works Co. (Public Work), Utica City Nat Bk bldg
WATERTOWN—Burns Bros. & Haley
 Charlebois Bros.
 Cleveland Lou B.
 Hayes Norman B.
 O'Brien Thos.
 Semper W. J.
 Stockwell F. H.
WATERVLIET—Irving Newell Const. Co.
 Lavallee Theophile
 Lennon Adelbert J.
 Young James T.
WEST NEW BRIGHTON—(See New York City, Borough of Richmond)
WHITE PLAINS—Englis Geo. H.
 McCabe W. F. Contr. Co. (Roads, etc)
 O'Rourke John
 Smith's S. W. Son

§Westchester Engineering Co.
 White Plains Contr. Co.
YONKERS—§Bruce Alex (Mason)
 Chadburn & Edwards
 Flannery P. J. & Son
 Garnjost Const. Co.
 Garnjost F. A.
 §Gower Fielding
 Grady T.
 §Hoyt & Miles
 Kelly F. J. (Mason)
 §Kingsley & Maxwell
 Lynch & Larkin
 §Mackay Kenneth
 Mangini Nicholas
 Mee F. B.
 Pyne Thos.
 §Quick S. F. & Son
 Scott Oliver (Mason)
 §Sherwood J. F.
 §Soetemon Bros.

NORTH CAROLINA.

ASHEVILLE—Asheville Const. Co.
 Asheville Dray, Fuel & Const. Co.
CARTHAGE—Kline C. A.
CHARLOTTE—Blythe & Isenhour
 Charlotte Consolidated Const. Co.
 Jones J. A.
 Porter & Boyd
 Thompson T. C. & Bros.
 Tucker & Laxton
DURHAM—Christian Const. Co.
 Christian T. S.
 Lawrence I. G.
 Salmon J. T.
 Stanley J. B.
 Underwood N.
GREENSBORO—Hunt J. T. & Co.
 Thompson & Moseley (Dredging)
LEXINGTON—Cecil D. K.
 §Ward E. M.
RALEIGH—Barrow W. B.
 Moser M. A.
 York C. V.
WILMINGTON—Brady R. H.
 Schad Jos.
 Wallace & Osterman
WINSTON SALEM—Fogle Bros. Co.

NORTH DAKOTA.

FARGO—Bowers Bros.
 Hogan Andrew S.
 Jardine & Anderson (Bridge)
 Kennedy James (Sewer, etc)
 Porritt Chas. H. (Sewer & Public)
 Powers Thos. F. & Co.
 Wilson Stewart
GRAND FORKS—Bailes H. H.
 Buckingham Geo. W.
 Dinnie Bros. Corp.
 §Eikhoff John
 §Hunter K. C.
 Northern Const. Co.
 Robinson, Van Alstine Co.
JAMESTOWN—§Schmitt W. M.
 §Schroeder John

OHIO.

ADA—Sousley & Botkin
ADENA—§Stringer A. E.
AKRON—§Carmichael Const. Ct.
 Crisp John & Sons
 §Davidson J. M.
 Franklin Bros. (Excavating, etc)
 McShaffrey E. & Son
 §Patterson Building Co.
 Watters Chas. H. (Sewerage)
ALLIANCE—§Boone Robert M.
 Devine J. C. Co. (Paving & Railroads)
 Miller John W. & Son
 Wilson John
ARCANUM—§Bowers Chas.
BARBERTON—*Paul & Henry Const. Co.
 (Steam Shovel & Municipal Work, etc)
BARNESVILLE—Wilson C. E. & Son
BELLAIRE—§Jones John W.
 §McGraw John H. & Sons
 §Rosser Chas.
 §Rosser & Maloney
BELLEVILLE—Filson A. R. & Son
 Shawver John L.
BLOOMVILLE—France Dredging & Const. Co.
BOLIVAR—Daley Bros. Cons. Co. (Concrete Works)
BRADFORD—Houdeshell Bros. (Concrete)
BRYAN—Kelly Chas. Co.
CAMBRIDGE—Duffy Bros. Contr. Co.
 Gibson Porter E.
 Hanna F. C.

CANTON—§Berdel J. G.

§Bowen C. E.
 §De Vault James
Downs Frank A. Construction Co.
 (Paving, etc.)
 Dunbar John D. (Mason)
 §Goodman W. W.
 §Huff K. E.
 Kilgore L. W.
 Kumpf C. R.
 Landor Edward J.
 Shoff Auslin H. (Mason)
 Turnbull Bros. (Paving, etc)
 §Van Kirk J. L. & Son
 §Walter John W.
 §Whike George H. & Sons
 §Zettler Building Co.

CHEVIOT—Bentel & Hyland**CHICAGO JUNCTION—Andrews S. P.****CINCINNATI—§Acomb-Keller Bldg. Co.,**

2d & Natl. Bk. bldg
Amer. Bridge Co. (Bridges), Union Tr
 bldg
 §Barr W. B. Co., 805 Broadway
 Beese Chas. & Son (Mason), Lick
 Run rd
 §Bell A. W., Spring Grove av
 Bertke H. & Son (Cement), 427 Lind-
 sey, Newport
 §Blecker Jos. H., First Nat. Bk. bldg
 Botwin & Tunick, 1252 Lick Run
 Brackett Const. Co., 1st Nat. Bk. bldg
 §Bueche Frank & Co., 13 Lippincott
 §Cash R. E., Lincoln Inn Court
 Connelly Construction Co., 315 E 8th
 §Cordes F. H. Bldg. Co., Union Trust
 bldg
 Cotteral Bldg. Co., 2nd Nat Bank bldg
 Cranford Const. Co. (Concrete), Gerke
 bldg
 Crumley, Jones & Crumley Co., 536
 Findlay
 §De Lacroix Louis, 2826 Vine
 Denholm & Co. (Concrete), 622 E Mc-
 Millan
 §Diehl F. F., 3539 Shaw av
 Dugan M. Concrete Co., 34 W 6th
 §Economy Building Co., 23 E 15th
 Eid L. Concrete Steel Co., 1206 Liberty
 Evans Evan (Sewer, etc), 1226 Ida
 §Farrell Patrick, 2nd Nat Bank bldg
 Ferro Concrete Const. Co., Richmond
 & Harriet
 Fisher Devore Const. Co. (Masonry),
 34 W 6th
 Folz Frank W. & Co. (Paving, Sewer
 & Public), Dayton & Freeman av
 §Francisco Geo. M., 3639 Stettinius av
 Fuerst Robt. (Brick), 2704 Vine
 *Gest G. M. (General), Union Trust
 bldg
 Gier F. B. & Co. (Cement & Paving),
 517 Riddle rd
 Glandorf C. H. (Pile Driver & Public),
 8th & Plum
 Goodman John, 2133 Florence av
 §Griffith Jas. & Sons Co., Reading rd
 & E 12th
 Gubser Bros. (Cement), 2nd & Sara-
 toga
 Hallerman G., Oehler av. Price Hill
 Hanlon Contracting Co., Gerke bldg
 Harig Henry & Co., 31 E 4th
 Hazen H. C. Contr. Co., 2070 Read-
 ing rd
Henkel & Sullivan, Mercantile Library
 bldg
 §Hirschfelds Theo. Sons Co., 1036
 Straight
 Huber Jacob & Co. (Cement), 4332
 Tower av
 Hummel David Bldg. Co. (Masonry,
 etc), 2629 Spring Grove av
 Irving E. A. (Cement), 3321 Spring
 Grove av
 §Jewell & Jewell, Prov. Bk. bldg
 Kirchner Const. Co. (General), 221 W
 9th
 §Leimann Wm. & Bro., 2303 Clifton
 Leonard B. A. (Cement), 4170 Mad
 Anthony
 McCabe Constr. Co. (Brick), 1758 Cen-
 tral av
 McCarthy Michael J., 2910 Woodburn
 av
 §McCaul Chas. Co., Court & Main
 McJoynt James (Concrete), 4140 Floral
 av
 McLennan Bros., Pickering bldg
 McMiller & Taft, Hulbert blk
 Marcus M. Bldg. Co., 2023 Reading rd
 §Meinken Detrich, 2126 Western av
 §Miller John, 1543 Knox
 Moran S. L., 2415 Symmes
 Murdock Geo., 2531 Melrose av
 Ohio Bldg. & Const. Co., 1434 Main

§Owens M. R., 308 Longworth
 Pachoud Bros., 1037 Gilbert av
 Payne Bldg. Co., 8th & Plume
 Plump G. H. & Sons, 1415 Mansfield
 Porter John S. & Co. (Cement & Con-
 crete), 3711 Coleraine av
 Quill M. F., Provident Bank bldg
 Robinson O. E. (Genl.), 4647 Hamilton
 av
 Roche-Bruner Bldg. Co., Johnston
 bldg
 Roche M. J. Const. Co., Erie & Shady
 Roos Bros., 2824 Stanton av, W. H.
 Rosenstiel Chas. & Son, 606 Reading rd
 Ruebel Jno. Const. Co. (Street), Col-
 lerain & Virginia avs
 §Schmitt J. B., 610 Sycamore
 §Seyfried E. A., 3702 Collins av
 Snyder J., 4436 Forest av
 §Stevens J. R. Co., Odd Fellows Tem-
 ple
 Strack T. P. (Street & Sewer), Goodall
 bldg
 Sullivan M. & Sons Constr. Co., Mer-
 can. Library bldg

CLEVELAND—Alexander Bros., William-
 son bldg
 Allen Jas. T. Contr. Co., 8106 Quincy
 av
 American Concrete Filler Co., Hippo-
 drome Annex
 *American Const. Co. (Heavy Mason-
 ry), Rockefeller bldg
 Anders Const. Co., Rockefeller bldg
 Andrews Bros., B. of L. E. bldg
 Austin Co., 14230 Euclid av
 Austin Sam'l & Son Co., 14230 Euclid
 av
 Baker-Dunbar-Allen Co., Citizens bldg
 Baldwin Bros. (Paving, Sewer, Water
 Works, etc), Rose bldg
 Berry Bros., 2404 Superior av, N W
 Boldt-Low Const. Co., Swetland bldg
 Bolton-Pratt Co., Columbia bldg
 Brown P. J. Const. Co. (Masons),
 Rockefeller bldg
 Burnett Rollin P. (Paving & Sewer),
 Society for Savings bldg
 Carey J. D. Co., Citizens bldg
 Carson C. A. Co., 6408 Euclid av
 Cavanaugh-Linn Co. (Paving), Citizens
 bldg
 Central Dredging Co., Illinois bldg
 Christian J. E. & Co., 119 Superior av
 N E
 Citizens Home Bldg. Co., Citizens bldg
 City Paving & Const. Co., 2064 W 13th
 pl
 *†Cleveland Construction Co., Citizens
 bldg
 Cleveland Trinidad Paving Co., 3409
 Trumbull
 Connelly J. Const. Co. (Reinforced
 Concrete, Masonry, etc), Leader-
 News bldg
 Crowell-Lindoff-Little Co. (Concrete),
 1951 E 57th
 *Culbertson H. E. Co., Citizens bldg
 Curry-Wagner Const. Co., 1900 Euclid
 av
 Dall Wm., 1276 W 3rd N W
 Dautel L. & Son Co. (General), 5710
 Hough av, N E
 Davis J. C., Garfield bldg
 de Hammel Const. Co., Am. Trust bldg
 §Dolinsky Bros.
 Donnelly & Graham (Sewer), W 30th
 & C. C. C. & St. L.
 Drummond-Miller Co., Electric bldg
 Duff James Const. Co., Marshall bldg
 §Dunbar Wm. Co., 8201 Cadar av S E
 Egan Thos. P. (Sewer), Coxtan bldg
 §Elworthy-Helwick Co., Wimsen bldg
 Emerson Sam'l W. Co. (Concrete),
 Engineers bldg
 Enterprise Paving & Const. Co., 8444
 Bway S E
 Fath Chas. & Co., Illinois bldg
 Fath Construction Co. (Tunnels, Mas-
 onry), 4403 Perkins av
 Feaga Gaylord W., 280 E 131st
 §Ferguson-Flanigan Co., Vickers bldg
 Fuller Geo. A. Co., Swetland bldg
 *Galvin A. J., Lennox bldg
 §Gill Jno. & Sons Co., Citizens' bldg
 *Grace Robt. Constr. Co., Electric bldg
 Grant Jno. & Son, 4500 Euclid av
 Graves E. M. (Public Works), Swet-
 land bldg
 Great Lakes Dredge & Dock Co.
 (River & Harbor, Bridges, Founda-
 tions, etc), Williamson bldg
 Griffin C. N. Co., 3111 Carnegie av, S E
 Hayman & Stegkammer, 3250 Euclid av
 Hunkin-Conkey Const. Co. (Break-
 waters, Piers, Buildings, etc),
 Cuyahoga bldg

Hyde W. F. Co., 1008 Scoville av
 Lanese Co., Columbia bldg
 Libby J. H. Co. (Concrete), 4500 Euclid
 av
 §McAllister W. B. Co., 2165 E 31st
 *McCourt P. T., Riverside Cemetery
 McMillan Co., 1794 E 55th
 Manson Co. (Sewer), Engineers bldg
 §Mark F. W. Constr. Co., E 46th &
 Euclid av
 Masters & Mullen Const. Co. (Concrete
 Fireproofing, Bridges, etc), Rose
 bldg
 §Minnick-Gibbons Co., 5309 Prospect
 av
 Moore Wm. Co., 1278 W 4th N W
 National Concrete Fireproofing Co., Cit-
 izens bldg
 National Foundation & Engng. Co.,
 Citizens bldg
 Pace Bros. (Paving), Marshall bldg
 Paul Bros. Co., Citizens' bldg
 Prospect Const. Co., 2561 E 89th
 Reaugh Const. Co. (Reinforced Con-
 crete, Masonry, Foundations, etc),
 2835 E 51st
 Rieley Bros. (Paving), 348 Arcade
 Robinson Contracting Co., Wade bldg
 §Rutherford Geo. A. Co., 2160 E 18th
 §Skeel Bros. Co., 8311 Euclid av
 Slatmyer Henry G. & Son Constr. Co.,
 203 Lakeside av, N W
 Smith J. Wentworth (Mason), 2366
 Woodhill rd
 Spence Bros. (Masons), 12960 Euclid
 av
 *Strong C. H. & Son (Steam Shovel,
 Bridge Masonry, Docks, etc),
 Swetland bldg
 §Stuart James L., Illinois bldg
 Tausch Wm. F. (General), Williamson
 bldg
 Thompson Walter I. & Son Co., 6110
 Euclid av
 Uhl-Jaster Co., 1900 Euclid av
 Vanderwerf Co., 1234 Chester av, N E
 Ward Bros. (Grading), 653 Lakeview
 av
 Watterson Henry, 4500 Euclid av
 Watterson H. A. & Son, Erie bldg
 §Webber Co., 1633 W 25th
 Wells James H., Marshall bldg
 Williams & Little Co., 2046 E 88th
 Younger & Farmer Co., 1670 Crawford
 rd

COLLEGE CORNER—§Stephens & Stewart

COLUMBUS—*Adams J. T., Columbus
 Saving & Trust bldg
 Burns A. W. & Co., 55 E State
 †Capitol Const. Co. (Concrete Const.),
 Ruggery bldg
 Columbus Macadam Co., 319 Dublin av
 Cullen & Vaughn Co., 8 E Broad
 Elford Edw., Hayden Clinton Bk bldg
 Evans R. H. & Co., Columbus Savings
 & Trust bldg
 §Ewers Bros., 189 W Broad
 Fenimore Edw. C., 8 E Broad
 Fitzpatrick & Hoepfner, 63 E Gay
 Fritz-Rumer-Cooke-Grant Co., Ohio
 Elec. Term. bldg
 Herschler L. C., Schultz bldg
 §Jamison W. L., 42 W Town
 McGrath Daniel W. (Sewer & Mason-
 ry), New First Nat Bk bldg
 Middle States Const. Co., Union Nat
 Bk bldg
 O'Donnell & Thornberry, Lazarus bldg
 Ohio Realty & Const. Co., 8 E Broad
 Standard Paving Co., 685 S Ohio av
 *Sturm L. E., The Wyandotte
 Sullivan D E & Son, Interurban Ter-
 minal bldg
 Trout Chas. W., Madison av
 Trussed Concrete Steel Co., Columbus
 Savings & Trust bldg

CONNEAUT—Horton Fred L.**COSHOCTON—Henderson Bros.**

Kissner J. N. Const. Co.
 Shaw John L.
 Tish W. S.

DAYTON—Boren John W. & Sons Co.,

Arcade bldg
 Boyd & Cook, Reibold bldg
 §Conley J. E. Co., Ludlow & Bayard
 Dayton Steel Const. Co., Howell &
 Wilbur
 §Engle & Gohn, Belmont av
 Gelger & Finke, 1533 Germantown
 Hodgson G. C. & Co., Reibold bldg
 Hosket Chas. F. (Brick), 662 E
 Richard
 Kempert A. F. (Brick), 245 S Morton
 av
 Kernan W. J. & Co. (Paving), 425 S
 Cincinnati

\$Rouzer John Co., 71 Wyandot
 Sebold R. Perry, Commercial bldg
\$Shartzer G. H. Co., Bayard
\$Structural Concrete Co.
 Talbott H. E. Co. (Heavy Masonry, Concrete work, etc), City Natl. Bk. bldg
 Wehner Jos., 119 Zelgler
 Wroe John, 449 N Crafton av
 Yount & Jackson Co., 1465 N Viola av
DELAWARE—Dent J. H.
 McDonald Jas.
EAST LIVERPOOL—Hinton & Cunningham
 Nease C Lumber Co.
 Rinehart Bros.
ELYRIA—\$Beck Henry
 Elyria Constr. Co.
 Hadaway Bros.
 Halpin John B. Co.
 \$Hewett Jas. A.
 Kaiser John & Bros. Co.
FINDLAY—Folk Bros.
 Hall Harry J. & Son (Paving)
 Horn Geo. J.
FOREST—Forest Construction Co. (Road)
FREMONT—\$Wolfe C. M.
GERMANTOWN—Gunkel Frank
HAMILTON—Andrews Asphalt Paving Co. (Paving, etc.)
 Cullen & Vaughn Co., 450 Dayton
HAZLEWOOD—Jones Bros.
IRONTON—Wileman & Helbling
KENTON—Ule W. A.
LANCASTER—Van Gundy J. D.
LEBANON—Monroe & Johnson
LIMA—Blank Edwin
 Heil Valentine
 Lathrop C. S.
 Ruhlen & Miller
 Smith & Sherrick
LISBON—McLane & Hepburn
LONDON—Carter & Foster (General)
 \$Iliff Bros.
 \$Neville Jerry
LORAIN—Burgett L. A. & Co.
 Glick & Weitzel
 Jackson M. L.
 Kipp John
 Leighton A. J.
 Pierce F. W.
 Stauder N. B.
LYKENS—Harer G. V. & Co.
MANSFIELD—Berry Chas. V.
 Cotter Transfer & Storage Co. (Excavating, etc)
 Gettings Bros.
 Herring G. B. & Son (Paving)
 Hursh Jos.
 Schell & Baker (Mason)
 Small Simson & Sons Co.
 Wildeson L. & Son
MARIETTA—Cowell Levi
 Dickinson & Beardsley
MARION—Baldauf John
 Brady A. J. (Paving, etc.)
 Drake P. & Sons (Road)
 Hofstetter & Dawson (Paving, etc)
 Kinsler John & Son (Concrete, etc)
 Leffler & Bland
MARTINS FERRY—Clifford Geo. B.
MASSILLON—Converse Emil P.
 Dieffenbacher P & Sons
 Meinhart John & Son (Street & Public)
 Stoner F. L.
 Swanson Bros. (Large)
 Vogt W. & Son (Street & Public)
 Wendling A. F. Co.
MIDDLETOWN—Arpp, Simpson Co. (Sewer)
 Caldwell-Iseminger Co.
 Dome Geo.
MINERVA—Bowden Geo. M.
 Cox E. D.
 Hart S. W. & Son
 \$Unkefer Jno. G. & Co. (Bldrs, etc)
MOUNT VERNON—Anderson R. C.
NEWARK—Jones Ben B.
 Phillips P. S.
 \$Taylor David J.
NEW COMERSTOWN—Brode W. M. Co.
NEW PHILADELPHIA—Gatchett A. & Son
 Hensel Samuel
 Springer & Rogers
NORWALK—Kinney A. C.
 Parker John
 Parker Wm.
OXFORD—Lloyd T. C.
PIQUA—\$Fry A. M.
 \$Speelman Edward
PORTSMOUTH—Donaldson W. W.
 Kaps Bros. (Heavy Masonry, etc)
 Kelly Bros. (Paving, etc)
 Monroe Sam'l & Son Co.

SANDUSKY—Doerzbach Bros.
 Feick Geo. & Son
 Peterson & Hiss Co.
 Reinke Gust.
 Walsh Bros. & Schurr
 Wehr J. P. & Co.
SIDNEY—Ruese E. F.
SPRINGFIELD—\$Bush W. R.
 McHugh Bros.
 \$Ohmart C. & Son (Cement)
 \$Poole Wm.
 \$Poss J. A.
 Russell M. C. (Cement)
 Ryan Edw. (Paving & Public), 101 Clifton
 Wren Thos. E. & Co. (Cement)
STEUBENVILLE—\$Coyne Jas. A.
 Floto Bros. Const. Co.
 McDonald Andrew W.
 McFeely Bros.
 Martin E. E.
TIFFEN—Baumgardener Concrete Products Co.
TOLEDO—\$Bentley A. & Sons (Bldrs, etc)
 \$Bentley A. & Sons (Bldrs, etc)
 *Bick Jacob N. (Trestles, Foundations & R. R.), The Nasby
 Bodette Edw. (Dredging, etc.), 704 Boalt
 Breymann G. H. & Bros. (Sewer, Dredging, etc.), Marine bldg
 Bright Const. Co., 127 Ontario
 Bright W. W., 2030 Adams
 *Carland J. C. & Co. (& Public Works)
 Spitzen bldg
 Clarke Wm. G. (Engrs), Spitzer bldg
 De Vore-McGormley Co. (Engr. & Cont.)
 Doan A. M., 318 Huron
 Gettins-Kopitke Co.
 Gilmore Bros. (Harbor)
 Grzybowski Albert (Sewer, etc)
 Hales James, 1431 Milburn
 Hattersley Const. Co., Spitzer bldg
 \$Herman F. J.
 Hummell Wm. W.
 Hummel & Hillebrand (Cement Work)
 Jacobs Jacob J.
 Knopp Bros. Co.
 Manor Jos. J. (Excavating, Grading, etc.), 1317 Ewing
 Mehrling & Kline Co., Spitzer bldg
 O'Sullivan M. F. (Paving), 145 Oak
 \$Pfander Bros.
 Plock John Co., 221 Huron
 Power Equipment Co. (Power Plants)
 Prentice Wm. H., 360 W Central av
 Rabbitt Michael & Sons Co., 115 Nasby
 \$Ramseyer, Kline Co., Spitzer bldg
 Russell & Jennison Co., 312 Huron
 Schilling Bros Co. (Asphalt & Concrete Pavements & Const.), 215 City Park av
 Sheehan Henry & Son (Sewer), 1208 Collingswood
 Spear, Moylan & Lasley
 \$Speiker Henry J. Co., 409 Michigan
 Stoney Ridge Stone Co. (Road Bldrs.)
 Streicher H. P. Co., Terminal bldg
 Thacher A. Q. Contr. Co. (Dredging, Submarine Work of All Kinds, Heavy Masonry, etc), 6 Jefferson av
 \$Voss E. H., 339 Huron
 Wynkoop-McGormley Co. (Bridge), Ohio bldg
TORONTO—Cooper W. S. & Co.
 Johnston Guy Contr. Co.
 Redhead F. A.
TROY—Hennessey J. M. & Bro. (Sewer, Excavating Roads, etc)
 \$Smith M. Z.
VAN WERT—Ireland C. L.
WELLSVILLE—Forbes & Smith
XENIA—Wilson Engng. & Contr. Co.
YOUNGSTOWN—Adovasio Louis & Co.
 Atlas Construction Co. (Cement)
 Bates Chas. W.
 Black H. H. (Paving)
 Bode Geo. (Paving)
 Buehheit Joseph (Mason)
 Campbell Bros. Co.
 Chambers J. B. (Concrete)
 Clark M. F. (Paving)
 Clemons L. J.
 Connelly M. P. & Son (Paving)
 Constable Robt. S.
 De Jute James (Paving)
 Ellenberger Henry C
 Flehler Aug. D.
 Grein George
 Grube E. A. (Cement)
 Harris C. F.
 \$Hawk Otis E. & Co.
 Heller Bros. Co.

Hess Geo. F. & Son
 \$Hoffman Fred Sons
 Hohlock J. F.
 Home Building & Financing Co.
 Hopkins Bros.
 Hunter Const. Co.
 Jones Virgie E.
 Kane Ed. J.
 Kennedy Bros.
 King Robert
 Linberger Emil P. (Mason)
 Lobinger Martin (Mason)
 Logan A. F. & Co.
 Lynn Elliott C.
 McCaslin James R.
 Mariner Frank W.
 Mattison A. S.
 Miller Brothers
 Miller Theo. F.
 Niedermeier Henry
 Palmer W. H. Co.
 Parish Bros. (Brick & Concrete)
 Pierce C. Berlin
 Ramm Wm. J. (Cement)
 Schmidt Phillip
 Security Construction Co.
 Seltz L. T.
 Serafino Andrew (Paving)
 Siefert J. A.
 Skook & Booth
 Stonerook Howard D.
 Turner Contracting Co. (Paving)
 Wiles H. A.
 Youngstown Const. Co.
ZANESVILLE—Adams Albert & Son
 Adams Bros. Contr. Co.
 Clifton Bros.
 Denny Bros.
 Dunzeiler Bros.
 *Gregg & Pletcher (R R & Road)
 Handshy Wm. C. & Son
 Henke D. E. & Co.
 McMaster L. W.
 *Muskungum Contr. Co.
 Swingle Bros.
 Swingle J. A. Contr. Co.
 Townsend F. M. (Railroad & Masonry)

OKLAHOMA.

ELRENO—Connolly Const. Co.
 Ellsworth J. E.
MCLESTER—Deibler George H.
 Rooks, J. W.
MUSKOGEE—Manhattan Construction Co.
OKLAHOMA—Anderson T. R. (Bridges, etc)
 Gross Construction Co.
 Lee L. F. Constr. Co.
 Lisle-Dunning Const. Co.
 *Maney Bros. (R R, etc)
 Municipal Engineering & Constr. Co.
 Reinhart & Donovan
 Swatek & Parker
 Western Paving Co.
SHAWNEE—\$Carr G. P.

OREGON.

ALBANY—Snell R. D.
ASTORIA—Houston C. L.
 Lebeck Leander
 Palmberg & Mattson Co.
EUGENE—Heckart W. O.
PENDLETON—Gibson & Cole
PORTLAND—Andrew & Harrer, 1002 Fessenden
 Andrus & Bode, Lewis bldg
 Berry A. C. U., Selling bldg
 Bingham-Shelley Co., Platt bldg
 \$Bowman F. E. & Co., 272 Stark
 Boyajohn-Arnold Co., Panama bldg
 Brayton Engineering Co., Plitcock blk
 *Campbell & Hartman
 \$Carlson Victor J., 445 Vancouver
 \$Carlton, Gus
 Cochran, T. H. & Son, 415 S. Hays
 \$Columbia Contract Co., E Water & Main
 Columbia Digger Co. (Excavating), 180 Burnside
 Cook C. J. Co., 275 16th
 *Copenhagen Bros.
 Cowlitz Bridge Co., Yeon bldg
 \$Dinwiddle Construction Co., Yeon bldg
 \$Donohue W. B.
 Elliott Contracting Co. (Sewer), McKay bldg
 *Fortin-Chambers Co., Ry Exchange bldg
 Friberg-McLennan Co., Oregonian bldg
 Glebisch & Joplin (Grading, etc), Rothchild bldg
 Gordon G. W., 166 11th

§Guistino Bros.
 §Guthrie A. & Co., Pittock blk
 Hallock Building Co.
 §Heinecke Bros. Co., Lumbermens
 bldg
 §Horn & Sandstrom
 §Hurley-Mason Co. (Building, etc),
 Worcester bldg
 *Interstate Contract Co., Bates bldg
 Jacobsen Construction Co. (Piling &
 Bridge), McKay bldg
 Jacobsen-Jenson Co.
 Johnson-Anderson Co., Commercial
 bldg
 Joplin & Meeks (Grading), 33d & Hal-
 sey
 Killgreen J. G., Lewis bldg
 §Klant & Miner
 §Kratz C. F.
 Langford Geo., Allsky bldg
 Leonard F. J., Lewis bldg
 Lind Wm., Henry bldg
 Litherland & Abrey Co., Beck bldg
 McAllister & Son Const. Co., Lewis
 bldg
 Meyer A. Co.
 Miller & Bauer (Cement), Panama
 bldg
 Montague O'Reilly Co., Blake-McFall
 bldg
 Muir Thos., North Coast Contract Co.
 Pacific Bridge Co., ft. of E Salamon
 Palmer-Ellison Construction Co.,
 Henry bldg
 §Peters I. A., N. W. Bank bldg
 §Pippy & Weld
 *Porter Bros., Ry. Exchange bldg
 §Portland Bridge & Bldg. Co.
 Portland Bridge Co., Yeon bldg
 *Randall & Baker
 Ryan Contracting Co.
 St. Helens Quarry Co., McFall bldg
 Smith & Dodge
 Sprague Bros.
 §Stebinger Bros., 626 B'way
 §Stokes, Zeller Co.
 Sweeney J. W. Construction Co.
 §Taylor Jas. P., Macleay bldg
 *Twohy Bros. Co., 219 E 60th
 §Walker W. D., Abington bldg
 Warren Construction Co., Journal bldg
 Winters J. S., 20th & Elm
 SALEM—Erixson Fred. A.
 Salem Const. Co.
 §Snook & Traver
 Van Patten Co.

PENNSYLVANIA.

AKRON—Miller L. Z.
 ALLEGHENY—(See Pittsburg)
 ALLENTOWN—Albright A. A. & Son
 Butterweck H. A.
 Butz & Clader
 Daubenspeck Chas. B.
 Fuller Engineering Co. (Cement)
 §Gangewere Wm. H. & Co. (General)
 Gery & Peters
 §Hardner Geo. H. (Sewer, etc.)
 Hoch Oscar S. (Masonry, Excavating,
 etc)
 Moyer Tilghman H.
 Nagle Jacob A.
 §Ochs Const. Co. (General)
 §Rathbun R. S. (General)
 Weaver Contr. Co. (Concrete, etc.)
 Wiedler L. A. & Sons
 ALTOONA—Altoona Concrete Cons. &
 Supply Co.
 Altoona Construction Co.
 Fickes H. & Son
 Fluke J. B. & Son
 Hersh A. J.
 Hinkle H. G. (Inc.)
 Hughes Clifton D.
 Ivory J. C.
 Laughlin W. F. & Son
 Mackey Leroy B.
 Orner J. W.
 Vipond John S.
 Zimmers Geo. A.
 AMBLER—Bartleson Jas. A.
 Heckler Leidy B.
 Kemmerer C. J.
 ARDMORE—Fraser H. A. & D. M.
 §Haws Samuel R. & Sons
 §Mahan Frank H.
 ASHLAND—Leibig Chas. P.
 AVOCA—Domermuth M.
 Widdall H. S.
 Widdall J. A.
 BEAVER FALLS—Bloom Henry
 Kirker L. C. & Son
 BETHLEHEM—Denburger H.
 Snyder M. V.
 Speck Bros.

Speck Forest F.
 Stoudt H. E.
 Vanderstucken-Ewing Construction
 Co. (Structural)
 BLOOMSBURG—Jury A. C.
 Reimard Bros.
 BRADDOCK—Hodder Const. Co. (Inc)
 Hogg George Co.
 McCrady Bros. Co. (Paving, Sewer &
 Excavating)
 Phillips W. E.
 BRADFORD—Hane F. O.
 Iver John & Co.
 Unruh E. N.
 BRISTOL—De Groot Wm. E.
 BURNHAM—Alexander O. C.
 BUTLER—§Hoffner Adam
 Schenck Geo. & Co.
 Schenck T. L.
 CARBONDALE—Atkinson Hugh
 §Edgett & Patterson
 §Gibbs John
 §Robinson N. B.
 CARLISLE—§Brindle D. E.
 Faber L. Jr. & Sons
 §Lackey H. A.
 §Porter Jas.
 Yarnall T. Elwood
 CARNEGIE—§Clark Wm. J.
 Davis R. G.
 Gamble Samuel Co.
 §Gow Geo.
 Harris Morgan
 McClintic-Marshall Const. Co.
 CATASAUQUA — Goldsmith Franklin &
 Son
 CHAMBERSBURG—§Frederick Chas.
 Minnich D. B.
 §Rhoads Maurice R.
 Shields E. M.
 CHESTER—§Babe Jas.
 Bell Sam'l R., Jr.
 Dickerson Edward
 Hanna Jno. & Sons (Street Improve-
 ment, Excavating, Grading, Sewer,
 etc)
 §Hewes Geo. D.
 §Hewes Sam'l A.
 Holcroft W. H. & Co.
 §Nolan Bros.
 §Oliver E. J. & A. W.
 §Oliver Thos.
 §Plumley Morris
 §Provost Wm., Jr.
 Sheaff A. P.
 Taylor J. I.
 CLEARFIELD—Lukens Wm. A.
 *McAtee Jno. C.
 §Thompson Geo. I. & Co.
 COATESVILLE—Ash Chas. H.
 *Dunleavy Bros. (B. R. & Excavating)
 Elliott Wm. J.
 Thorne W. K.
 CONNELLSVILLE—Connellsville Const. Co.
 *Harry S. J. Co. (R R Shafts, Tunnels,
 etc)
 CONSHOHOCKEN—§Blanch Bros.
 CORAOPOLIS—§Boyd Harry C.
 McKown & Beattie
 §Wilson Carl C.
 CORRY—§Munger A. F.
 Rogers C. R. & Co. (Mill & Factory
 Const. a Specialty, Reinforced Con-
 crete Work, etc)
 DORRANCETON—Nash Stanley
 Ranson Coray B.
 DUBOIS—Loeb Bros.
 Osborne M. W.
 DUNMORE—Gibbons Martin
 EASTON—Bechtel A. A.
 §Keim Reuben
 §Keiper Howard O.
 §Lanternman Wm.
 §Lerch F. J. & Co.
 §Lutz & Boaz
 *Miles-Tighe Cont. Co. (R R & Gen-
 eral)
 Morgenstern F. Louis
 Pittenger Edw. S.
 Stebler W. F. (Concrete, etc)
 Smith Asa & Son
 *Smith, McCormack Co.
 *Stewart R. T. & C. D. Contr. Co.
 §Steinmetz Amandas
 ERIE—§Baldwin Bros.
 §Constable Bros. Co.
 Graham W. M. & Co.
 Kirschner Bros.
 McCormick Jos. M. & Bro. (Sewers)
 Mayer Bros. Const. Co.
 §Schroek Adolph
 §Shenk Henry Co.
 South Shore Constr. Co.
 Stader Conrath Constr. Co.
 §Walker Jas. D.
 §Weber A. S.

FRANKLIN—Amsler W. H. (Paving, etc)
 Eshelman U. H.
 §Long Harry W. (Mason)
 Northwestern Construction Co.
 Osborne Edwin
 Osborne John & Son
 FREELAND—§Boyle Jas. W.
 §Griffith Jas. E.
 §Lentz Robert A.
 GREENSBURG—Bennett & Smith Co.
 *Bennett & Talbott (Public)
 Cochran James
 Fulmer Bennett R.
 Stark H. F.
 HANOVER—Coulson J. W. & Bro.
 Klunk Wm. J.
 Rohrbaugh J. F. & Co.
 HARRISBURG—Baumgartner Frank
 Ensign G. W., Inc.
 §Gettys M. H.
 Hipple H. A.
 §Lebo E. N.
 §McKelvy J. A.
 Markley Wm. D.
 §Mentzer Samuel F.
 Miller Wm. S.
 §Schuddamage Harry
 §Stapf & Benfer
 Stucker Bros. Construction Co.
 Weaver & Stewart
 *Whittaker & Diehl
 §Wildman Aug.
 HAZLETON—§Campbell Construction Co.
 §Cuple N. J. Son
 Drake A. W. Drilling Co. (Drilling),
 Hazleton, Pa.
 Frederick S. Y. & Son
 Itter Charles
 §Kokensberger F. H.
 Kramer Ludwig
 Leffler John A. (Sewers, etc)
 Matuskowitz Jos. & Sons
 Meier & James
 Ruth Arlo A.
 §Schaub Justus
 Sell Geo.
 Thomas Wm. F.
 Veale Bros.
 Ziegler Wm. D. & Son
 HOMESTEAD—Erbeck F. J. (Paving &
 Public)
 Hall Geo. M. Co.
 Snyder J. O.
 HUNTINGTON—Peightal Nevin
 Whittaker E. B.
 INDIANA—Bennett M. & Sons
 Lockard E. M.
 Richards J. R. (Diamond Core Drill-
 ing)
 JOHNSTOWN—Alwine Moses & Son
 Best John V. (Paving, etc)
 Danker Bruno & Son
 Overdorff Edmund
 Schenkemeyer Chas. & Sons
 Strayer J. D. & Co.
 Thiele Const. Co. (Grading, etc)
 LANCASTER—Auxer A. J.
 Bally Samuel H.
 Breneman Jos P. (Building, etc)
 Fritchey J. U. & Son (Paving &
 Sewer)
 §Hook Jno. H. (Sewer & Public)
 Stumpf Jacob & Son
 Wiant Herman L.
 Wohlsen Herman F.
 Wright L. V.
 §Zook Walter C.
 LANSDALE—Kaufie John
 LANSDOWNE—Burdall Wm. H.
 Moore Chas. T.
 LANSFORD—Riebe Herman Co.
 LEBANON—Bell's Sam'l Sons (Masons)
 Millard J. B. & Sons (Large)
 LEWISTON—Steinbach's W. D. Sons
 White Wm. J.
 LITITZ—Hershey-Leaman Co.
 LOCK HAVEN—Blesh Alex.
 Caprio & Grieco
 Grieco Chas. P. & Co.
 *Miller Construction Co.
 McKEESPORT—Briek Bros Co.
 Hoey Edward D.
 Kunze A. E. (Brick)
 Nowell Wm.
 Wertenbach John H.
 McKEES ROCKS—Bryan Frank
 MAHANOCY CITY—Donohue John
 Smith Chas. O.
 MEADVILLE—Harper Lumber & Bldg
 Co.
 McGuigan T. (Sewer & Public)
 Morrison Wm. E. & Son
 MECHANICSBURG—Weaver Calvin
 MEDIA—Flounders Jas. B.
 MONONGAHELA—Yohe Bros.
 MORRISVILLE—Ewald F. H.

MT. CARMEL—Keefer Geo. H.
 MT. PENN—Schlegel Chas. H.
 NANTICOKE—Hamilton John A.
 Jones Thos. P. & Sons
 Kamowski Jos.
 Nanticoke Const. Co.
 NAZARETH—Hahn F. P.
 Messinger Jacob H.
 Roth Henry W.
 NEW BRIGHTON—Garmen C. & Sona
 (Building, etc)
 McDanel R. B. Co.
 McGuire J. G. & Co.
 Martsof Bros. Co.
 NEW CASTLE—Bender W. M.
 Burns Bros. (Sewers, etc)
 *Byers & Craig
 Kline Lumber & Construction Co.
 Miller M. E.
 New Castle Lumber & Const. Co.
 *Scanlon Michael J.
 Woods & Golder Const. Co.
 NORRISTOWN—Friend Henry P.
 Heavner Frank R.
 *Houpt Irvin B.
 *Oberholtzer Francis D.
 Smith T. V. (Cement Work)
 *Wager B. F.
 OIL CITY—Boquin L. O.
 Crouch E. M.
 Meals Jacob F.
 Mundt H. C.
 PHILADELPHIA—Aberthaw Const. Co.,
 Land Title bldg
 *Ambler-Davis Co., Harrison bldg
 American Bridge Co. of N. Y., Wid-
 ener bldg
 American Dredging Co. (River & Har-
 bor), Mariners' & Merchants' bldg
 American Paving & Const. Co., 213
 S 9th
 American Pipe & Const. Co., 112 No.
 Broad
 Anders & Snyder (Paving), Heed bldg
 Anstine W. W. & Co., 1218 Filbert
 *Appleton Chas. J., Heed bldg
 Armstrong & Latta Co. (Dock, Har-
 bor & Public), Land Title bldg
 *Ashby Jos., 249 S 24th
 *Atkins Ed., 249 S 24th
 *Austin Co., Transportation bldg
 Bader Daniel S., 1345 Arch
 Bailey-Lush Co., 201 N Broad
 *Ballinger R. C. & Co., 218 N 13th
 Bateman John J., 845 Locust av, Ger-
 mantown
 *Baton Henry E., 12th & Sansom
 *Bauer Walter S., 420 Upsal
 *Bayard M. L. & Co., Penna bldg
 *Bear Eng. & Construction Co., 34 S
 17th
 *Beaumont W., Stephen Guard bldg
 *Bechtel Joseph, 200 N 15th
 Bennis Edward F. (Sewers, etc), P O
 bldg, Germantown
 Bennis Richard P. (Sewer), 3d & Erie
 *Birkelbach Frank U., Richmond bldg
 *Bland John I. & Co., Harrison bldg
 Boas Francis J. (Bridge, etc.), 201 N
 Broad
 *Boorse Horace B., 665 N 15th
 *Borthwick Pringle, 8018 German-
 town
 Bottoms Abel & Sons Co., 3611 Walnut
 Bower C. P. (Heavy Masonry, Grad-
 ing, etc), Roberts & Wayne av
 *Brann & Stuart Co., Commer. Trust
 bldg
 *Brendlinger P. F., Commer Trust bldg
 *Brennan Frank, 1409 Ritner
 *Brocklehurst H., 512 W Norris
 *Brogan Jas. F. & Co., Commercial
 Trust bldg
 *Brown Henry L., 27th & Clearfield
 *Brown John G., Witherspoon bldg
 Brown-King Const. Co., Commercial
 Trust bldg
 Brown Wm. R., 2145 E Firth
 *Burrell Horace H., 206 Quince
 Byers & Clarkson, 806 Walnut
 Cantrell Const. Co., 33d & Walnut
 Carhart A. L., Hale bldg
 *Chambley Alex., 243 S 10th
 Christensen Adolph (Stone), 1433
 Brown
 *Clark & Craighead, 6346 Opal
 *Clement F. H. & Co., Land Title bldg
 *Codori John A., 1235 Arch
 Conan C. A. (Sewer), 1345 Arch
 Concrete Constr. Co., 1618 Thompson
 Conneen Constr. Co., 1829 Filbert
 *Connor Jas., 1317 Arch
 Connor Thos. (Sewer), 3329 N 5th
 *Consolidated Constr. Co., 34th & Bow-
 man
 *Cornell J. S. & Son, Finance bldg

*Coulston Wm. R. & Co., 2041 E
 Charleston
 *Crap & Co., Denckla bldg
 Crawford Daniel, Jr., 701 N 63d
 Crossan Constr. Co., Land Title bldg
 Cunningham Paving & Const. Co., 1345
 Arch
 *Cuthbertson Elmer L., 334 Rox av
 *Dahl Henry C., 231 S 8th
 Daniels J. Morris, 252 S Juniper
 Doak Albert (Boiler Setters), 2138
 Arch
 *Dougherty W. R., 1608 Sansom
 *Doyle & Co. (Large Builders, etc),
 1519 Sansom
 *Driscoll Jos. C., Weightman bldg
 *Duff Thos., Wyoming W 7
 *Dwyer & Co., Weightman bldg
 Eagle Const. Co., Drexel bldg
 *Eddleman Wm. H. & Sons, 453 Green
 La. Rox
 *Elfreth & Co., 1708 Sansom
 *Ellis Wm. H., 344 N 4th
 *Emery J. Paul, 4907 Wynnefield
 *English Frank G., 1608 N Carlisle
 *Evans Burd P. & Co., 13th & Wallace
 Eyre-Shoemaker (Inc.), Com. Trust
 bldg
 *Farbstein Jos., 908 Walnut
 Farrell James P. & Co., 1621 Sansom
 *Fay Edw. & Son, 2 S Mole
 *Ferguson Wm. & Son, 405 E 21st
 *Fidelity Const. Co., Heed bldg
 Field, Barker & Underwood (Engrs &
 Contrs), 14 So. Penn sq
 *Flounders Jas. B., 1329 Arch
 *Flury Geo. B., 1138 S 22d
 *Fonder Edw. F., Land Title bldg
 *Forsyth Chas. N., 3417 N 16th
 *Fotheringham John, 3367 Fkd av
 *Franklin Engng. & Const. Co., Bul-
 letin
 Frazier-Evans Const. Co. (Roads),
 Weightman bldg
 *Fretz A. L. & Son, Chancellor bldg
 *Freund Constr. Co., Bulletin bldg
 Fuller Geo. A. Co., Widener bldg
 Gaffney Constr. Co., 1927 Poplar
 *Garrison John D., 1435 Chestnut
 *General Contracting Co., 1218 Shack-
 maxon
 George & Borst, 277 S 11th
 *Gill Jno. N. & Co., 1215 Filber-
 *Gilpin Chas., Harrison bldg
 *Goll Jno. & Co. (Bridge, etc), 1539
 Filbert
 Graham-Campion Co., Heed bldg
 Grau H. E. Co., 1707 Sansom
 *Gruhl Wm. J. Co., 219 E High av
 Guernsey R. T., 253 S Quince
 *Hahn Scott W., 5215 Chestnut
 *Haibach Contracting Co., 1261 N 26th
 *Hall E. R. & Bro., 34 S 17th
 Hallowell Chas. T., 1231 N 61st
 *Hand Jos. A., 8029 Frankfort av
 *Harris Franklin M. & Co., 1820 Wylie
 *Hart & Bailey, 16th & Loudon
 *Harting S., 20 S Johnson Gtn
 *Hartwig Harry F., 7403 J
 *Haugt & Swerdloff, 5th & Locust
 Havens Fred A. & Co., 845 N 19th
 *Heckler Chas. J., 3001 N Craskey
 *Hedden E. J., 14 S Broad
 *Heebner Geo. K., 1231 Vine
 *Heinke Chas. A., 160 W Sharpnack
 Gtn
 Heins Wm. R. & Co (Paving), 1713
 Moravian
 Helst Harry H., 65th & Limekiln Pk.
 Henderson & Bro. Co., Ltd., S 25th,
 below Spruce
 Higgins Robert (Sewer), 4642 Lancas-
 ter av
 *Hillsley & Perkins, 1825 Sansom
 Hoffman Engineering & Contracting
 Co. (Bridge & Public), Penna.
 bldg
 *Hogg Constr. Co., 1634 Sansom
 *Hollenback Edwin E. (Inc), 200 N
 15th
 *Holm Jas. M., 5556 Arch
 Hoover F. L. & Sons (Inc), 1023
 Cherry
 *Howes R. H. Const. Co., Witherspoon
 bldg
 *Hurley P. J., 1233 Cherry
 *Integrity Const. Co., Lincoln bldg
 *Irwin & Leighton, 126 N 12th
 *Isenberg & Krevitzkin, 54th &
 Springfield
 *Jackson J. Richard, Perry bldg
 *Jones Wm. J., 2927 W 5th
 *Keller Bros., Harmon rd
 *Kelley John A. Co., Penna bldg
 Kelly P. H. (Masonry, etc.), Lippin-
 cott bldg

Kemper Const. Co., 905 Walnut
 Kessler Geo. Contr. Co., Drexel bldg
 *Ketcham & McQuade, 1029 Brown
 *Keystone State Const. Co., Penna
 bldg
 *Killough Robt., Wayne & Dunae
 *Klaus & Baxter, 1745 S Conestoga
 Klincke Wm. C. (Cement), 1715 W
 Venango
 Kreitzburg Ernest J., Broad & Arch
 *Lam Building Co., 1001 Wood
 Land Chas. D., 28th & Cambria
 Lee Thos. P. (Cement), 5629 Cherry
 Linker Wm. Co., 831 Cherry
 Little Thos. & Son, 1713 Moravian
 Logan Constr. Co. (Cement), 1428
 Rockland
 Lombardi Const. Co. (Sewers, etc.),
 Lincoln bldg
 *Longacre Constr. Co., Widener bldg
 *Loss & Dothard, Commercial Tr. bldg
 *McCaul Charles Co., 1715 Sansom
 *McClaskey & Bahls, 1820 Thompson
 McClellan H. A. & Bro. (Excavating,
 Grading, etc), 13th & Shunk
 McClintic-Marshall Co., Morris bldg
 McClintock & Weaver, 24 N Phila., El-
 lena, Germantown
 McDermott Chas. Co. (Est. of) Penna
 bldg
 McElivie Bros. (Paving), 1629 South
 *McGarvey John N., 61st & Oxford
 *McGraw James Co. (Steam & Mu-
 nicipal & Government Work,
 Bridges, etc.), Commercial Trust
 bldg
 McHugh M. & J. B. (Sewer, Paving
 & Municipal Work), 892 N Market
 *McKibbin David, 2900 Frankford av
 *McMahon D. (Street), P. O. bldg
 *McManus P., Commercial Tr. bldg
 McMenamin & Sims, Commercial Trust
 bldg
 McNichol Paving & Constr. Co. (Pub-
 lic Work), 1923 Cherry
 *McShain John, 1610 North
 *McShane Wm. J., 413 S 13th
 MacDowell Sam'l B. & Son, 1927 Mont-
 gomery av
 *MacTavish Archibald, 1515 Pine
 Mack Paving & Const. Co., 20th &
 Sedgley av
 *Mahoney Wm. P., Harrison bldg
 Mark Frank Contr. Co., 2816 N 21st
 *Mark F. W. Constr. Co., Finance bldg
 *Marshall Thos. H., 413 Locust
 *Melody & Keating, Bailey bldg
 *Mendenhall, Hayes & Son, Drexel
 bldg
 Mercer F. T. Co., 1706 Delancey
 *Metzger Chas. S., Denckla bldg
 *Metzger & Field, 47th & Bruce
 *Metzger & Fisher, Denckla bldg
 Meyers F. Guy Co., 908 Chestnut
 *Mitchell Bros., 2125 Race
 *Mitchell Jas. N., 4 S Markoe
 Monday Chas. E. & Co., 1318 Olive
 Mullen Jas. A. (Masonry & Grading),
 5512 Vine
 *Myers Jacob Sons Co., Witherspoon
 bldg
 *Myers Jos. F. Jr. & Co., 1237 Ridge
 *Nardy F. Co., 1228 Fitzwater
 Nass & Hare Const. Co., 113 Tasker
 *Nickson & Duggan, Bailey bldg
 *O'Brien Bros., 5624 Chew
 O'Connor Wm. F. Co. (Grading), 2540
 Callowhill
 O'Herron M. & Son (Sewer), 5706 Vine
 O'Mara Constr. Co., 253 S Quince
 *Orr James W., 6618 Torresdale av
 Pawling Geo. F. & Co., 1432 S Penn
 sq
 *Payne Geo. F. & Co., 401 S Juniper
 *Payne & Scammell, Land Title bldg
 Peoples Bros. (Heavy Masonry, Sewer,
 etc), 25th & Callowhill
 Peterson Robt. M., 5250 Wakefield,
 Germantown
 *Philadelphia Culvert Co., 16th &
 Washington av
 Pomeroy Const. Co., 1609 Ranstead
 *Prettyman H. D., 2603 S Broad
 *Raff A. Raymond, 1635 Thompson
 *Ramsey Bros., 5932 Catharine
 Randle Geo. M., St. Girard bldg
 *Reeves, Stacy & Sons, 2011 Market
 *Reilly Thos., 1616 Thompson
 *Reiter, Irwin T. Co. (Sewer, Paving,
 R. R. & Public), Commercial Trust
 bldg
 *Rimer & Byers, 1210 Harrison
 *Rowland, Alonza, 4322 Pechin, Rox
 Roydhouse, Arey Co. (Building Const),
 Fidelity bldg

§Schlosberg & Cohen, Ann & Aramingo
 §Schmid Matthew, 1308 N 6th
 §Schultz Sam'l, 1139 N 40th
 §Schultz Wm. H., 3340 N Carlisle
 §Schwartz Jacob (Paving), 2306 N 27th
 Seaboard Const. Co., Witherspoon bldg
 §Seeds Thos. M. Jr., 1207 Race
 *Shanley J. F. Co. (Public), Commercial Trust bldg

§Sheen M. Roy, 450 W Wilton
 §Shoemaker Sam'l, Land Title bldg
 §Sillers John S., 2020 Alter
 Simplex Foundation Co. (Caisson & Bridge Foundation), 3400 Disston
 Sinclair Fred W. (Mason), 1629 Winter
 §Sipps Geo. L., 912 Locust
 §Sladen Geo. E. & Co., 1223 Clover
 §Smith-Hardican Co., 1606 Cherry
 §Snyder Lew V., 205 Ionic
 Snyder Paul J. & Co., Bailey bldg
 *Sparks & Evans (Bridge, R R & Public), Abbott bldg
 §Speth John V. & Co., 1714 Sansom
 §Stafford John, 1112 Chestnut
 §Stahl & Carson, Ella bl. Wyoming
 Steele Wm. & Sons Co., 1600 Arch
 §Stewart Jas. & Co., Girard pt.
 §Sutton & Stephenson (Masons), 1317 Washington av

§Tourison Ashton S., Sr., 7014 Boyer, Germantown
 Trafford Thos. C., 1630 Sansom
 Turner Concrete Steel Co., 1713 Sansom

Van Loon F. W., Denckla bldg
 §Vandenberg Bros., 5802 Pemberton
 Vare Edwin H. (Sewers, Conduits, etc.), Lincoln bldg

§Voigt Herman, 1251 N 28th
 Wallace Frank E., 1220 Chancellor
 Walsh Richard & Sons (Bridge), Orthodox & Frankford ck
 Ward Paving Co. (Cement), 2308 N 29th

§Warren Moore & Co., Commercial Trust bldg

§Wehmeyer Harry H., 1004 Lehigh av
 Wells James H., Heed bldg
 §Welsh Thos. M., 753 S Broad
 §West C. & Co., Oxford & Wakeling
 §Whelan P. J. & J. T., Lincoln bldg
 White Barclay & Co., 1530 Chestnut
 §Whitehead Alfred, 1624 W Latimer
 §Whiteside Rush J. & Sons, 2115 Wallace

§Wiggins John R. & Co., 1215 Filbert
 §Williams Arthur H & Son, 419 Locust

§Williams Frank, 701 S 58th
 §Wills Ludwick & Co., 34 S 17th
 Wilmer Samuel S., 3211 Comly Wissng
 §Young Milton H., Woodburn & P. R. R.

Zane A. M., Land Title bldg
 Zane G. W. & R. R., 16th & Wyoming

PITTSBURGH—Abel A. F., (Pile Driving, Trestles, etc.), 1 Wood

§Aiello Gaetano, 1322 Webster av
 §Alberts W. E. & Son, 367 Lehigh av
 American Bridge Co., Frick bldg
 Armstrong & Cooke, Conestoga bldg
 §Atkins Alfred, 1345 Montezuma
 §Baldensperger S. G., Highland bldg
 Barr J. Toner, 434 Diamond
 §Bamberger Alex., 3945 Perrysville av
 Beatty W. D. Co., 900 Burt
 Bennett Wm. B., 742 N Negley av
 §Benson Newman, 1625 Bedford av
 §Bergman Jos. A. & Son, 2601 Wylie av

Blendinger Fred. A. (Brick), 824 O'Hara

Bollinger-Andrews Const. Co., Empire bldg

Bollinger Bros. (General), 11th & Duss av

†Booth & Flinn, Ltd. (Railroad & Municipal, Pipe Line & Tunnel Work), 1942 Forbes

Borres Jos. & Sons, 4808 Kincaid

Bothwell & Carson, 1523 Franklin

§Brown B. F., 5992 Centre av

§Bruggeman J. F. Co., 502 Avery (N S)

§Brush & Engel Bldg. Co., 218 Shiloh

Buchan & Co., Peoples Bk. bldg

Bucy Aldo, 3020 Allendale

Busse Henry & Co., Main & Wabash

Caiazzo C., 6441 Dean

Calhoun & Miller, 6200 Penn av

Casey John F. Co., Oliver bldg

*Central Contracting Co., Keystone bldg

§Chambers Henry, 6475 Frankstown av

Click Jos., 1203 Voskamp
 Cochran, Geo. A. Co., 1210 Washington av

Collins-Gordon Co (Masonry, etc), Ferguson bldg

§Conradis August, Magee bldg

Corcoran J. G. Co., 4 Smithfield

Coutts Thos. Co., 3324 Smallman

§Cowan Jas. S., 419 4th av

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Crappier Hedley, 5839 Ellsworth

§Crawford D. F. Co., Ltd., 603 5th av

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*Cuthbert Bros. Co., Bessemer bldg

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Dawson Construction Co., May bldg

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§Deppisch John L., 132 Pius

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Dravo Contracting Co. (Heavy Masonry Shaft Sinking & Government Work, etc.), Diamond Bank bldg

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§Duquesne Contracting Co., Diamond Bk. bldg

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§Fellabom L. H., Wellesley & Heberton av

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Fischer F. L., 2004 Watson

Fleming C. C., 204 Omega

Foley Contracting Co., Wabash & Violet

§Frederick Aloysius 3427 East

Frederick Bros., 1910 Beaver av

§Fuller Geo. A. Co., Oliver bldg

Fulman John G., E. E. Trust bldg

*§Gillespie T. A. Co. (Railroad, Public & Waterworks), Westinghouse bldg

§Golden & Crick, 3512 Fifth av

Grace Robt. Contr. Co., 514 Smithfield

Greenwood Const. & Supply Co., 48 Terminal wy

Griffith Concrete & Const. Co., 3513 Grand blvd

§Groah B. A. Constr. Co., (Building, etc), 847 W North

§Hager Howard Co., 6101 Penn av

Hall Morgan B. Co., Wabash bldg

Henderson John T., 139 Beltzhoover

§Hilf Bros., 9½ Norton

Howley John F., Hostetter bldg

Ingersoll Construction Co., 324 Fourth av

§Ken C. H. Co., 2565 5th av

§Kerr R. J. Co., Farmers Bank bldg

Krantz & McCoy, 365 Soho

§Kreusler H. L., 3301 Penn av

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Lauer J. & Sons (Building), 810 Portland

Lewis Contr. Co., 327 1st

§Ley Const. Co., House bldg

Lougeay John M., 5822 Douglas

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McConegly Frank P., 6023 St. Maria

McGill Irving H., 347 5th av

§McGinness Bros., 202 Milvale

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McLaughlin & McLaughlin (Cement & Concrete), 7309 Finance

McQuade, Jas H. & Sons Co., Bessemer bldg

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§Moore John L., 112 McAlvy

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§Negley H. D., 7134 Idlewild

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§Patterson & Shaw, 30 E Robinson

§Payne W. J., Beltzhoover av

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 Gregory W. T.
 *Gwathmey Engng. Co. (R R, etc)
 McGuire F. J. (Sewer)
 Murray W. D. & Co. (Government Wk)
 Myers E. L.
 §Nash-Jones
 Nichols & Lindeman
 Norfolk Dredging Co. (River & Harbor)
 Pierce John H.
 Richardson E. E.
 Richardson R. R. & Co.
 Sands U. S.
 *Sanford & Brooks Co. (R R, Dredging, Harbor & Government Work)
 Seay E. W. & S. F.
 §Tevss J.
 Turpin J. A.
 Williams S. G. & Co.
PETERSBURG—Brister & Knowles
 Harrison Const. Co.
 Perkinson & Finn
 Rowell J. C.
PORTSMOUTH—Boswick Jas. R.
 Hutchins S. B.
 Ogg A. (Stone)
RICHMOND—Ancarrow Newton E.
 Anderson R. M. & Co., Lyric bldg
 §Atkinson J. W.
 Atlantic Bithulithic Co. (Paving)
 §Beveridge W. H. Jr.
 Bradley W. B. Const. Co., nr 17th
 Davis Bros. Inc.
 Davis & Archer

Ferguson H. E.
 Fox Jas. & Sons
 Gasser Chas., 814 W Cary
 George H. H. Jr., 1831 Monument
 Gilman J. W. & Son, 911 W Clay
 §Houston A. C. & Son
 Hunt Gilbert J.
 Jenkins L. Chastine
 McClay A. W.
 Matthews Harry L.
 Maynard A. W. (Paving & Sewer)
 §Newell T. D.
 §Newell Wm. B.
 §Nuckols John T.
 §Pollard C. W.
 Ragland W. L. & Son
 Siewers Richard A.
 Tiller Geo. W.
 Veitch W. P. (Cement Work)
 Walkup Alva M. Co.
 §Wilson John T. Co. (General)
 *Winston & Co., Amer Nat Bk bldg
 Wise Granite & Constr. Co.

ROANOKE—Flickwir D. W.

Luck Construction Co.
 Markley C. (Municipal)
 Marshall A. L.

*Vaughan Const. Co. (R R, etc)

STAUNTON—Blackburn John H. & Son

Livick A. J.

SUFFOLK—*Darden J. M.**WASHINGTON.****ABERDEEN—Creech & Walker Const. Co.****BELLINGHAM—§Baumeister W. I.**

Booker & Campbell
 Chishom C. H.
 Dickinson Geo. A. (Excavating)
 Lind C. E. (Grading)
 Riddle & Shields (Street)
 Sauset K. (Street & Sewer)
 Siersdorfer Construction Co.
 §Trede John H.

BREMERTON—Kenyon Jas. S.**CENTRALIA—Albert Matt S.****COUPEVILLE—Todd & Lyons****ELLENSBURG—§Ackley & Luff**

Ames Wm. O.
 Ferrier E. L. & Co.

EVERETT—American Pile Driving Co.

(Bridge & Concrete Works, etc)
 Everett Const Co.
 McAdam R. B.
 Organ & Stohr
 Snyder J. B.
 §Wright H. S.

KENNEWICK—§McReynolds A. V.**NORTH YAKIMA—Valley Const. Co.****OLYMPIA—Weller W. A.**

White & Wright

SEATTLE—§Aldrich Chas. R., 3d & Jef-

erson
 Bates & Clark Co (Engrs & Contrs)
 Bell-Scott Co. (Paving, Road, etc)
 Bennett Frank H.
 Booker, Kiehl & Whipple, Central bldg
 §Boutan Victor, 1519 Terry
 Brandt Harry Const. Co.
 Bromley H. C.
 Brown Robert, 115 N 10th
 Chamberlain Const. Co.
 Clapp J. M. (Engr & Contr)
 *Daley Chas. & Co., Railway Exchange
 bldg
 Doty O. M., 1701 9th
 Ellis L. R., Central bldg
 Finne & Gjarde, Northern Bk bldg
 Frantz J. J., New York blk
 Galber John
 Geske C. & Co., Inc. (Pile Driving)
 Graff Construction Co.
 Harrington-Peters Co., Oriental bldg
 Henrickson & Co., Globe bldg
 Holt & Jeffery
 Independent Asphalt Paving Co.
 *Johnson C. J., Railway Exch bldg
 Layton Fred'k W., Haller bldg
 Lewis Wiley & Morse (Hydraulic)
 McEachern J. A. Co. (Bridges, Piers,
 Foundations, etc)
 McHugh P. J. Paving & Construction
 Co.
 McLellan Frank X.
 Macrae Bros.
 Manhattan Contracting Co., Central
 bldg
 Meisner W.
 *Morris C. L. (R R, Paving, Sewer,
 Irrigation etc)
 Mortensen & Kelton, 1509 7th
 Nettleton-Bruce-Eschbach Co.
 Normile Simon (Grading)
 Pattison Oscar A., N. Y. blk
 Pederson Hans

Puget Sound Bridge & Dredging Co.
 (Dredging, Bridges, Foundations,
 Piers, Harbor, etc)
 Quist A. W. & Co.
 *Rice M. L. & Co. (Hydraulic & R R
 Engrs & Contrs)

Rockford John C., White bldg
 Smith Grant & Co.
 Sound Construction & Engineering Co.
 Sparger Concrete Co.
 Stewart Hope D., Amer Bank bldg
 Stillwell Bros., Inc.
 Syliaasen & Sando, Downs bldg
 Tolman J. H.
 Weymouth Construction Co.
 Woock & Behrens, Arcade bldg

SPOKANE—Broad James

§Colonial Building Co.
 Costello John F. (Sewer & Public)
 120½ Wall

Diamond Drill Contr. Co.
 *Hansen Otto, 1220 11th av
 Huetter Construction Co., Ex Bank
 bldg

Hurley-Mason Co.
 International Diamond Drill Contract-
 ing Co.

Jasper Chas., Hyde bldg
 *McCreary & Willard (Railroad &
 Public)
 Mitchell Bros.

Norman N., Mohawk bldg
 Peterson P. L.
 Phair Fred, Paulsen bldg

*Porter Bros. Co. (Railroad & Public),
 Old Natl Bank bldg
 Skinner H. J., Eagle bldg
 Smith Grant & Co.
 *Welch P. & Co. (Public Works)
 Willett & Camp Co.

TACOMA—§Blows H. E.

§Bonnell Jas. E. (Builder & General)
 Burgeson Chas. F. & Son (Bridge, etc)
 §Cornell Bros. (Builders, etc)
 *Dibble-Hawthorne Co. (R R & Gen)
 Hurley-Mason Co. (Concrete, etc)
 Kibler Benj. W. (Paving, etc)
 Knoell Bros., 1211 S L
 Larson O. F., Prov. bldg
 McHugh Contr. Co.
 Murphy W. J. (Concrete, etc.)
 Nichols J. M. & Co.
 Tacoma Pile Driving & Const. Co.
 Williams D. A. Co.

WALLA WALLA—Bailey & Lambert

McLean J. A.
 Walla Walla Const. Co. (General)

WEST VIRGINIA.**CLARKSBURG—Richards Const. Co.****FAIRMONT—Holbert & Spedden Co.**

Kisner John M. & Bro. Lumber Co.
 Minor C. E.

HUNTINGTON—Diamond Const. Co.

Henson P.
 McNulty C. W. Co.
 Rhodes I. A. (General)
 Taylor V. E.
 Taylor & Robinson

KEYSER—Liller W. A. Building Co.**MORGANTOWN—Zevell H. J.****PARKERSBURG—Keenan Samuel****WHEELING—Butts J. R. Sons Co.**

Hallock L. G. Son & Co.
 Perkins & Jackson

WISCONSIN.**ANTIGO—Otis J. W.****APPLETON—Appleton Const. Co.**

Blake Constr. Co.
 Hackworthy Const. Co. (Heavy Bldgs,
 Concrete & Steel Bridges)
 §Hegner Construction Co.

ASHLAND—Jacobs Barney

§Pugh & Rundlett
 Sandstrom John
 Scott-Taylor Co.

BARABOO—§Graf Henry C.

§Isenberg Bros.
 Judevine A. & H.

BELOIT—Cunningham Bros.

Dearhammer A. L.
 Fitzgerald Wm. J.
 Magill W.
 Quinn W. H.

BERLIN—Ceman Julius F.**EAU CLAIRE—Fish E. M. Co.**

§Hoeppner-Bartlett Co.
 FOND DU LAC—Hutter Const. Co.

Immel Const. Co.
 O'Connell Thos.

GRAND RAPIDS—Arpin J. B. Dredging

Co. (Marine)

GREEN BAY—Agamet Edward

Garot Edward (Sewer)
 Green Adolph (Public Work)
 Greiling Bros. Co. (Harbor & Public)
 Selmer Henry J.
 Servotte Ernest W.

JANESVILLE—Cullen J. P. Construction

Co.
 Denning J. A.
 Donahue Edward
 §Ford, Boos & Schoof
 Hager Julius (Mason)
 Janesville Contracting Co.
 Summers A. & Son
 §Van Pool Bros.

JEFFERSON—Krusing Geo. G.

KENOSHA—Jensen Emil
 Larsen Fred (Mason)

LACROSSE—LaCrosse Stone Co. (Paving,

etc)
 Mitchell A. H.
 Nelson Peter & Son
 Schwalbe Frank R. & Sons
 Stormost Jas. & Son
 Wallace J. E. (Mason)

LAKE GENEVA—§Soutar R.**LANCASTER—Brooker Robert****MADISON—Coppes Bros.**

Doran M. M.
 Faber Peter
 §Fass Joseph & Co.
 Findorff J. H.
 Frederickson A. D. & J. V.
 Fritz C. B. & A. K.
 Gilbert L. B.
 Hanson Fred
 Luetscher Jacob J.
 McCarthy T. C.
 Mitchell J. W. & Roberts
 Morgan & Morgan (Masons)
 Paunack Edward F.
 Quin Nicholas

MANITOWOC—Murphy Const. Co. (Con-

crete Work, Paving, etc)
 Schreiter A. C. (Sewer, etc)
 Tomcheck A. C.

MARINETTE—Utker Julius**MERRILL—§Torkelson & Hesterman****MILWAUKEE—Aetna Constr. Co., 9th &**

Wells
 Austin Const. Co. (Concrete, etc), Mat-
 thews bldg
 Badger Constr. Co., Ry Exch bldg
 Barber Asphalt Paving Co. (Paving),
 1st Nat'l Bank bldg
 §Bossert O. H. Co. (Concrete Const),
 401 Prospect av
 §Brockman Sam'l J., 421 Milwaukee
 §Buestrin Const. Co. (Wrecking, Gen-
 eral Bldg), 567 E Water
 Christiansen Bros., 469 1st av
 City Const. Co., Pereles bldg
 Clos Const. Co., 3d & Wells
 Croft Stephen P. (Grading), 587 49th
 Dahlman Const. Co., Majestic bldg
 Danielson Daniel, 874 Layton blvd
 Donahue J. & Sons (Paving, Grading
 & Teaming), 318 Bradford av
 Donahue & Co. (Concrete Construction
 & Concrete Paving), 318 Brad-
 ford av
 Emerson F. M. Co., 82 Wisconsin av
 Ferge Henry, 421 Milwaukee
 Forrestal Chas., 2908 Chestnut
 Foster Const. Co., Caswell blk
 §Fuldner Const. Co. (Concrete), Ma-
 jestic bldg
 §Gelsinger L. H. Co., 539 31st
 General Const. Co. (General), 3038
 Galena
 Gillen Edw. E. Co. (Dock, Dredging &
 Piling), Wells bldg
 Great Lakes Dredge & Dock Co.
 (Dock Dredging & Piling), 1491
 Canal
 Gumz, Gutknecht & Wussow (Grad-
 ing), M. & M. Bank bldg
 Hanel A. B. Co., 118 Locust
 Hansen Constr. Co., Caswell blk
 Hildebrand Fred (Grading), 1346 For-
 est Home av
 Hoeppner Richard (Mason), 2602 Kil-
 burn av
 Hohensee Herman (Sewer), 965 27th
 §Holstein Aug., 1726 Chestnut
 Jennings & Ross Co., Ft. Erie
 Jeske Gust. J. & Son (Mason), 1089
 Richards
 Jones John P. (Mason), 386 Kenil-
 worth pl
 Kasdorf Walter D., 1099 Halton
 Kelling H. C. Const. Co., 885 7th
 Kiesslich Ed. R. (Concrete), Sherman
 blvd & Wright
 Kroening Construction Co. (Mason),
 Majestic bldg

§Langenberger Const. Co., 302 6th
Ley Fred T. & Co., Cudahy
Luenzmann Frank Co., 1912 Prairie
*McIntosh Bros., Pabst bldg
Madson, Christensen & Ingbertson, 379
31st av
Meredith Bros. Co., 1043 Kinnikinnic
av
Meyer Const. Co. (Sidewalk), Merrill
bldg
Milwaukee General Constr Co., 857
8th av
Milwaukee Sidewalk Co. (Concrete
Construction), Matthews bldg
§Monsted A. Co., Pabst bldg
National Builders Co., M. & M. Bk.
bldg
Newton Engng. Co., 185 Mason
Payne H. J., Caswell blk
Pfister Ludwig O. (Grading), 600 21st
av
Raulf The Co., Patton bldg
§Reinhardt C. H., 41st & Oklahoma av
Reisinger Robt. L. & Co. (Mason), 724
Cramer
Rice P. J. (Sidewalk), 459 Layton
blvd
Riesen Arthur W., University bldg
Riesens Paul Sons, 1018 Humboldt av
§Schmitt H. & Son, 684 Jackson
Schuett & Frey (Mason), 791 Well
Steigerward Ed. & Sons (Mason), 2303
Galena
Steinhagen & Klinger, Mack blk
Sterling Engng. & Const. Co. (Con-
crete), Caswell blk
Stimple-Roth Co. (Concrete), 1st Na-
tional Bank bldg
Szukalski Thomas (Sewers), 1089
American
Taddey Adolph G. (Mason), 744 46th
Taddey F. W. (Mason), 1705 Chestnut
Tubesing Wm. F. Co. (Concrete), 708
Oakland av
§Tullgren Martin & Sons, 14th &
Grand
Vitrolite Constr. Co., Caswell blk
Werner Washington T. (Sewers), 427
32nd
White Const. Co. (Paving), Ry. Exch.
bldg
§Williams Wm. G., 352 Jackson
Wisconsin Cement Const. Co., 1000
Humboldt
Wisconsin Tunnel & Const. Co., 94
So Water
Worden-Allen Co. (General), Pt.
Washington rd
Wussow H. A. (Grading), 191 Concor-
dia av
Yunker Bros. (Mason), 30th & S
Pierce
Zimmermann Geo. (Sewers), 3102 Mc-
Kinley blvd
MONROE—Isely Samuel
NORTH MILWAUKEE—Coddington En-
gineering Co. (General)
OCONOMOWOC—Anderson G.
Nelson Webster Const. Co.
OSHKOSH—Fluor Bros. Const. Co.
Johnson Chris & Son (Sewer & Pav-
ing)
Larsen Construction Co. (Street Work)
Meyer C. R. Sons Co.
Rasmussen John & Sons Co. (Sewer,
Excavating, Grading, etc.)
PLYMOUTH—Radloff Frank
Schultz C. B.
PORTAGE—Brodie Harry C.
RACINE—Anderson Hans
§Birdsall-Griffith Const. Co. (Public)
Cape Jas. & Sons Co. (Sewer, Paving,
Excavating, etc.)
Galloway P. W. (Breakwater & Har-
bor)
Gillen Edw. Dock, Dredge & Const.
Co. (Dredging, Dock & Harbor)
§Greene F. J. Engng. Wks. (Public)
Harcus Adam H.
Harding E. R. Co.
Hay Thos. & Sons Co.
Jacobson Anton (Mason)
Kapple Andrew C.
Nelson Robert (Sewer)
RICHLAND CENTER—Miner Co.
SHEBOYGAN—Ackermann Christ & Sons
(Masons)
Braun J. M. (Paving)
Geib Frank
§Quasins Geo. H.
SUPERIOR—Dauplais A. J.
§Diffor John
Hill Wm. F.
McKenzie Alex (General)
Russell Constr. Co.
Schmidt Bros. (General)

Sedlachek E.
Whitney Bros. Co. (Marine)
TWO RIVERS—Reis John
Wolfe F. L.
WATERTOWN—Bartlett Edward (Sewer,
Paving, etc)
WAUKESHA—Boortz Fred
§Smith Frank S.
WAUPACA—§Knudson H. P.
§Nelson A. G. Lumber Co.
WAUSAU—Anderes John & Son
Krause F. (Building, etc)
WEST ALLIS—Marks Bros. Co.
WHITEWATER—Kierman W. C. & Co.
(Bridges, Culverts, etc)

**3045—*Contractors (Docks, Bulk-
heads, Foundations)**
CHESLEY, EARL & HEIMBACH (Inc.),
20 Breckenbridge, Buffalo, N. Y.
RAYMOND CONCRETE PILE CO., 140
Cedar, New York

3046—Contractors (Dredging)

CALIFORNIA.
LOS ANGELES—North American Dredg-
ing Co., Central bldg
OAKLAND—Veitch W. T. & Bro.
SAN FRANCISCO—American Dredging
Co., 21 California
Healey-Tibbitts Construction Co.
North American Dredging Co., Mer.
Exch. bldg
Pacific Coast Dredging & Reclama-
tion Co., 112 Market
San Francisco Bridge Co., Nevada Bk.
bldg

CONNECTICUT.
NEW LONDON—Scott T. A. Co.

FLORIDA.
TAMPA—Hillsboro Dredging Co.

GEORGIA.
SAVANNAH—Globe Dredging Co.
Ross P. Sanford, 16 Bryan, E

ILLINOIS.
CHICAGO—Byrne Bros. Dredging & En-
gineering Co., 208 S La Salle
Ewing W. R., Inc., 112 W Adams
Fitzsimmons & Connell Dredge &
Dock Co., 10 S La Salle
Great Lakes Dredge & Dock Co., 104
S Michigan av
McWilliams R. H. & G. A., 332 S Mich.
av
STEWART JAS. & CO. (Inc.), West-
minster bldg
PITTSFIELD—Wills A. V. & Sons
ROCK ISLAND—Davis T. B.

INDIANA.
FORT WAYNE—Foohey Timothy Dredg-
ing Co.
LAFAYETTE—Ewing & Brockenbrough
LEBANON—Hosford R.
ROYAL CENTER—Indiana Dredging Co.

LOUISIANA.
FRANKLIN—Huth N. G. Dredging Co.
(Ltd.)
NEW ORLEANS—Jahncke Navigation
Co., 814 Howard av

MARYLAND.
BALTIMORE—McLean Contracting Co.,
Ft. E Fort av
Maryland Dredging & Contracting Co.,
Fidelity bldg
Sanford & Brooks Co., Water & Com-
merce

MASSACHUSETTS.
BOSTON—Bay State Dredging & Contrg.
Co., 247 Atlantic av
Breymann G. H. & Bros.
Gerrish Dredging Co., 101 Tremont

MICHIGAN.
BENTON HARBOR—Bakeman Geo. F.
Mills G. A. & Son

DETROIT—Dunbar & Sullivan, Dime Bk.
bldg
Gray Edward, ft Orleans
Griffin M. J., 169 Stanton av
Lakeside Dredging Co., Penobscot bldg
HOUGHTON—Pryor Jas. & Son
PORT HURON—Muir-O'Sullivan Dredge
& Dock Co.
SAULT STE MARIE—Great Lakes
Dredge & Dock Co.
Hickler Bros.

MINNESOTA.
DULUTH—Duluth-Superior Dredging Co.
Great Lakes Dredge & Dock Co.
Northern Dredge & Dock Co.
Zenith Dredge Co.
ST. PAUL—Butler Bros., New York Life
bldg

MISSOURI.
ST. LOUIS—Rust & Swift
STEWART JAS & CO., INC., Boat-
mens Bk. bldg

NEBRASKA.
OMAHA—Crane Fred M. & Co.
Pollard & Campbell

NEW JERSEY.
ATLANTIC CITY—American Coast Co.
Hill Dredging Co.
BAYONNE—Packard R. G. Co.
CAMDEN—Am. Dredging Co.
JERSEY CITY—McSpirit John & Joseph,
118 Wayne
Ross P. Sanford, 277 Wash'n
Stillman F. M. Co., 26 Exchange pl
Taylor Dredging Co., ft Communipaw
av
Taylor & Pearson, 196 Virginia av

NEW YORK.
BUFFALO—Buffalo Dredging Co.
Lake Erie Dredging Co.

NEW YORK CITY.
Borough of Brooklyn.
BROOKLYN—Gahagan Walter H., 189
Montague
Boroughs of Manhattan and Bronx.
NEW YORK—Atlantic Gulf & Pacific Co.,
Park Row bldg
Beard Wm. & Co., 21 State
Canal Construction Co., 150 Nassau
Du Bois Henry Sons' Co., 17 State
Empire Engineering Corporation, 6
Church
General Contracting & Engineering
Co., 29 B'way
Maritime Dredging Co., 50 E 42d
Merritt & Chapman Derrick & Wreck-
ing Co., 17 Battery pl
Metropolitan Dredging Co., 90 West
Morris & Cumings Dredging Co., 17
State
Oroville Dredging, Ltd., 165 B'way
Standard Engineering Co., 11 Pine
STEWART JAS. & CO. (Inc.), 30
Church

(End of New York City)
OGDENSBURG—Daly & Hannan Dredg-
ing Co.

OHIO.
CINCINNATI—Strack T. P., Goodall bldg
CLEVELAND—American Construction Co.
Rockefeller bldg
Central Dredging Co., Swetland bldg
Great Lakes Dredge & Dock Co., Will-
iamson bldg
Robinson Contracting Co., Wade bldg
Rocky River Dry Dock Co., Blunt rd
Sherman-Statler Co.
TOLEDO—Bodette Edward, 704 Boalt
Breyman Geo. H. & Bros., Marine bldg
Gilmore Bros.
Thacher A. Q. Contr. Co., 6 Jefferson
av

OKLAHOMA.
OKLAHOMA—Sprankle Co.

OREGON.

PORTLAND—Columbia Digger Co., 180 Burnside

PENNSYLVANIA.

PHILADELPHIA—American Dredging Co., Marine & Merchant bldg
Philadelphia Transportation & Lighterage Co., 119 Walnut
Rickards Dredging Co., Real Estate Trust bldg
River & Harbor Improvement Co., Mariner & Merchant bldg
PITTSBURGH—Enterprise Contracting Co., Bessemer bldg
Monongahela & Western Dredging Co., 7 Wood
Porter H. K. Co., Union Bk. bldg

RHODE ISLAND.

PROVIDENCE—Packard J. S. Dredging Co., Turks Head bldg
Shaw Fred'k E., 126 Melrose

TENNESSEE.

MEMPHIS—Kavanaugh Sand Co., 20 Madison

TEXAS.

GALVESTON—Bowers Southern Dredging Co.
Clarke Charles & Co.
HOUSTON—Arpin J. B.
STEWART JAS & CO. (INC.), 1st National Bank bldg

VIRGINIA.

NORFOLK—Coastwise Dredging Co.
Norfolk Dredging Co.
Sanford & Brooks Co.
PORTSMOUTH—Cross E. & Son Co.
Hoagland E. L.

WASHINGTON.

SEATTLE—American Dredge Building & Construction Co.
Puget Sound Bridge & Dredging Co. (Hydraulic)
TACOMA—Tacoma Dredging Co.

WISCONSIN.

GRAND RAPIDS—Arpin J. B. Dredging Co.
GREEN BAY—Greiling Bros. Co.
MILWAUKEE—Gillen Edw. E. & Co., Ft. Nock
Great Lakes Dredge & Dock Co., 491 Canal
Starke C. H. Dredge & Dock Co., 509 Canal
RACINE—Galloway P. W.
Gillen Edw. Dock Dredge & Const. Co.
SUPERIOR—Whitney Bros. Co.
TWO RIVERS—Two Rivers Dredge & Dock Co.

3047—*Contractors (Painting, Bridge & Structural Steel)

LEAKE A. G. ERECTING CO., Bridgeport, Conn.

Contractors (Paving)

See Contractors, Building & General; also Contractors, Asphalt Paving

Contractors (Railroad)

See Names in Contractors, Building & General, Marked with a (*) Star

Contractors (Sewer)

See Contractors, Building & General

3048—*Contractors (Water Works)

See also Contractors, Building & General
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book

PITTSBURGH-DES MOINES STEEL CO.,

4th & Ross, Pittsburgh, Pa.

For branch offices see adv index at end of book

3049—Contractors (Wood Block Paving)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
Booth & Flinn (Ltd.), 1942 Forbes av, Pittsburgh, Pa.
Consolidated Engineering Co., Culbert bldg, Baltimore, Md.
Creosoted Wood Block Paving Co., Q. & C. bldg, New Orleans, La.
Gaynor Contracting Co., Scranton, Pa.
Hardner Geo. H., Allentown, Pa.
Kraft A. B., York, Pa.
Republic Const. Co., 233 B'way, New York

3049a—*Contractors' Plants

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book

3050—Contractors' Portable Lights

Carbic Mfg. Co., 301 So 55th av, Duluth, Minn.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
MacLeod Co. (Oil & Acetylene), 2227 Bogen, Cincinnati, O.
See adv index at end of book
MILBURN A. ALEXANDER CO. ("Milburn," Self-Contained Acetylene), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

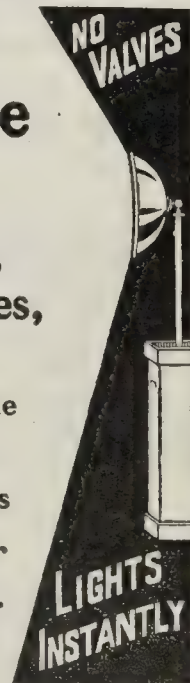
The MILBURN
Portable
Acetylene
Light for
Contractors,
Railways, Mines,
Etc.

50 to 20,000 Candle Power

Stocks Carried at All Principal Cities

The A. Alexander
Milburn Co.

1420-26 W. Baltimore Street
BALTIMORE, MD.



Contractors' Portable Saw Rigs

See Sawing Rigs, Portable

3051—Contractors' Supplies (Second-Hand)

Harrison John (Est. of), 169 South, New York
MacGovern & Co., 114 Liberty, New York
Mertes Machinery Co., 153 Barclay, Milwaukee, Wis.
Mitschun M. Co., Detroit, Mich.
Shaw Willis, 80 E Jackson blvd, Chicago, Ill.
Warner P. B., Culloms Station, Cincinnati, O.
Williams Contractors' Supply Co. (Rock Crushers, Cars, Scrapers, Graders, etc.), Columbus, O.

3051a—Contractors' Tools & Supplies

See the Specific Article Required
Also Barrows, Various Kinds; Blasting Fuse Caps, etc; Buckets, Dumping, etc; Cars, Various Kinds; Carts, Various Kinds; Concrete Mixers; Crowbars, etc; Crushers, Rock & Ore; Derricks & Derrick Fittings; Dredging Machinery Builders; Drills, Various Kinds; Dynamite Manufacturers; Engines, Hoisting; Hoists, Various Kinds; Jacks, Various Kinds; Locomotive, Industrial and Mine; Picks, Various Kinds; Pile Driving Machinery; Plows, Contractors'; Powder Manufacturers; Pumps, Centrifugal; Railways, Portable; Road Machines and Graders; Rollers, Various Kinds; Rope, Manila and Sisal; Shovels, Steam; Tents, Contractors'; Tools, Various Kinds; Wire Rope; Wire Rope Tramways

Acme Road Machy. Co., Frankfort, N. Y.
American Hoist & Derrick Co., St. Paul, Minn.

Armstrong R. S. & Bro., Atlanta, Ga.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Austin W. E. Machinery Co., Atlanta, Ga.
Bacon Ed. R. Co., 405 E 3d, Los Angeles, Cal.

Bailey-Lebby Co., Charleston, S. C.
Baird Machinery Co. (Machy. & Supplies), 123 Water, Pittsburgh, Pa.

Baldwin Frank & Son, 33 South, New York
Barnett G. W. Hardware Co., Montgomery, Ala.

Barrett Hardware Co., Joliet, Ill.
Battey Machinery Co., Rome, Ga.

Baum Iron Co., Omaha, Neb.
Bayne Jasper Co., 29 Sullivan, New York

Beals & Co., 44 Terrace, Buffalo, N. Y.
Beggs James & Co., 30 Warren, New York

Bittenbender Co., Scranton, Pa.
Bond Harold L. Co. (Tools & Machinery), 391 Atlantic av, Boston, Mass.

Bonniwell-Calvin Iron Co., Kansas City, Mo.
Bowman M. K.-Edson Co., 64 Dey, New York

Brandeis Machinery & Supply Co., 331 W Main, Louisville, Ky.
Braunfels, Browning & Co., 1940 Park av, New York

Brown-Camp Hardware Co., Des Moines, Iowa
Carbic Mfg. Co., 301 S 55th av, Duluth, Minn.

Carpenter Geo. B. & Co., 440 Wells, Chicago, Ill.
Channon H. Co. (Tools & General Supplies), 150 N Market, Chicago, Ill.

Chapman, Porter & Woelfling Co., 180 West, New York
Clark-Smith Hardware Co., Peoria, Ill.

Contractors' Equipment Co., 522 1st av, Seattle, Wash.
Contractors' Trading Co., Inc., 232 Fulton, New York

Cotton States Belting & Supply Co., Atlanta, Ga.
Cramer, Adams & Co., 259 E Erie, Chicago, Ill.

Cressman N. C. Co., Drexel bldg, Phila., Pa.
Crook H. E. Co., Inc., 28 Light Baltimore, Md.

Crowe F. T. & Co., Seattle, Wash.
Crozier R. J. Co., N American bldg, Phila., Pa.

Crumley-Sharp Hardware Co., Atlanta, Ga.
Decker Adam Hardware Co., 347 Jackson, St. Paul, Minn.

Dienst A. P. Co., 2604 3rd av, New York
Dobbie Foundry & Machine Co. (Derricks & Fittings, Hoists, etc), Main office & Works: Niagara Falls, N. Y.

Dunning Carl Equipment Co., 32 United bldg, Indianapolis, Ind.
Dyar Supply Co., Cambridge, Mass.

See adv index at end of book
Empire Mach. & Supply Corp., Norfolk, Va.

Fairbanks Co., 416 Broome, New York
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Fitts F. E. Mfg. & Supply Co., 88 Purchase, Boston, Mass.
Flint & Chester, 237 Lafayette, New York

Fones Bros. Hdw. Co., Little Rock, Ark.
Foster David S. Sons Co., Utica, N. Y.

Fox Bros. & Co., 126 Lafayette, New York
Frank Henry Jr., 374 Hudson, New York

Franklin Builders Supply & Coal Co., 400 N Broad, Columbus, O.

Frick & Lindsay Co., Robinson, Pittsburgh, Pa.
 Geller, Ward & Hasner Hardware Co., 414 N 4th, St. Louis, Mo.
 Gray & Dudley Hardware Co., Nashville, Tenn.
 Green L. A. (Second Hand), First Natl Bk. bldg, Pittsburgh, Pa.
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 Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
 Harron, Rickard & McCone, 139 Townsend, San Francisco, Cal.
 Hartford Contractors Supply Co., Hartford, Conn.
 Harvey Co., 113 South, Baltimore, Md.
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Haverstick & Co., Rochester, N. Y.
 Haysler Iron Co., 1206 Union, Kansas City, Mo.
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 Hermitage Hardware Co., Nashville, Tenn.
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 Irving Mfg. & Tool Co., 157 Chambers, New York
 Jewell Supply & Equipment Co., 34 So Calvert, Baltimore, Md.
 Johnston Wm. T. Co. (Full Line), 3rd & Vine, Cincinnati, O.
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 Kinsey E. A. Co., 331 W 4th, Cincinnati, O.
 Koenig Edw. L., 136 W Lake, Chicago, Ill.
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 Lakewood Engineering Co., Cleveland, O.
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 Marine Mfg. & Supply Co., 158 South, New York
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 Morehouse & Wells Co., Decatur, Ill.
 Morton Jas. & Son Co., Omaha, Neb.
 Motley Thornton N. & Co., 70 E 45th, New York

Neal B. B. Hardware Co. (Shovels, etc), 117 Leonard, New York
 New York Machinery Exchange, 50 Church, New York
 Northwestern Iron Works, Seattle, Wash.
 Oliver J. H. & Co., 1414 S Penn sq, Phila., Pa.
 Pattison W. M. Supply Co., 777 Rockwell av, Cleveland, O.
 Patton-Bowman Hardware Co., Omaha, Neb.
 Penniman A. C. & Sons, Hardware Co., Fort Scott, Kans.
 Perrin, Seamans & Co., 57 Oliver, Boston, Mass.
 Pidgeon-Thomas Iron Co., Memphis, Tenn.
 Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
 Pollock Alex. Co., 203 West, New York
 Queen City Supply Co., Pearl & Elm, Cincinnati, O.
 Richards & Conover Hardware Co., 5th, NW cor Wyandotte, Kansas City, Mo.
 Roberts Geo. I. & Bros., 471 4th av, New York
ROE & CONOVER, 206 Frelinghuysen av, Newark, N. J.
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 Rogers & Baldwin Hardware Co., Springfield, Mo.
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 Smith & Sons Mfg. Co., Kansas City, Mo.
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 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N W Cleveland, O.
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 Todd-Donigan Iron Co., Louisville, Ky.
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 Vulcan Supply Co., 120 Sycamore, Cincinnati, O.
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 Warren Tool & Forge Co., Warren, O.
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 Westbrook John D., Inc., Norfolk, Va.
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 Williamson & Cassidy, 526 Market, Phila., Pa.
 Wimberly & Thomas Hardware Co., Birmingham, Ala.
 Ziegler William H., Temple Court, Minneapolis, Minn.

3052—*Controllers (Automatic Electric)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
 Rowan Controller Co. The, 308 No Holli-day, Baltimore, Md.

Ward Leonard Electric Co. (Automobile, Electric Lighting & Self Starting Dynamos), Bronxville, N. Y.

3052a—Controllers (Chemical Feed)

Builders Iron Foundry ("Venturi"), 9 Coddington, Providence, R. I.

3053—*Controllers (Coal & Ore Bridge)

CUTLER-HAMMER MFG. CO. (Electric), 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

Controllers (Crane)

See Crane Controllers, Electric

Controllers (Draft)

See Regulators, Heat

Controllers (Drum, Electric)

See Controllers, Electric Hoist

3054—Controllers (Electric Elevator)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Automatic Switch Co. (Full Automatic & Electro Magnetic), 4 White, New York

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

Monitor Controller Co., 514 E Lombard, Baltimore, Md.

OTIS ELEVATOR CO., 26th & 11th av, New York *See adv index at end of book*

Sundh Electric Co., 548 W 23d, New York

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3055—*Controllers (Electric Fan)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
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WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3056—*Controllers (Electric Hoist)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3057—Controllers (Electric Motor)

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Automatic Switch Co. (Motor Driven Elevator, Alternating & Direct), 4 White, New York

Cline Electric Mfg. Co., Fisher bldg, Chicago, Ill.

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

D. & D. Electric Co. (For Sewing Machines), 53 W. 3d, New York

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

Jewell Electric Co., Munsey bldg., Baltimore, Md.

Monitor Controller Co., 514 E Lombard, Baltimore, Md.

National Electric Controller Co., 154 Whiting, Chicago, Ill.

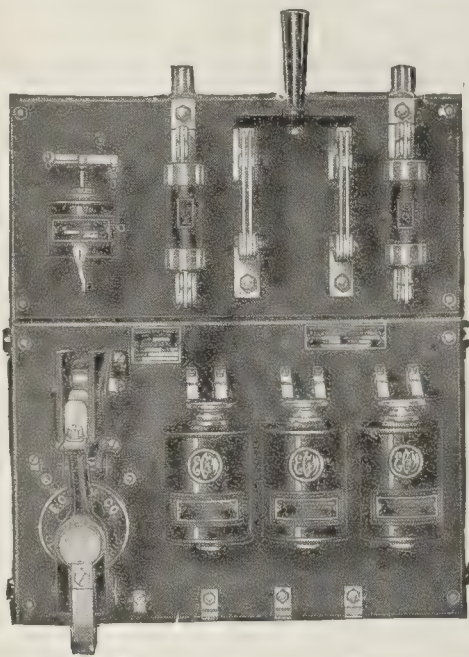
New York Electric Controller Co., 35 Rose, New York

Sundh Electric Co., 548 W 23d, New York

Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.

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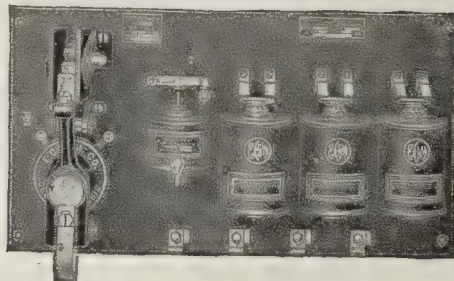


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ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3059—Controllers (Electric Speed)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
Jewell Electric Co., Munsey bldg, Baltimore, Md.
Lombard Governor Co. (For Water Wheels, etc), Ashland, Mass.
Monitor Controller Co., 514 E Lombard, Baltimore, Md.
MORGAN ENGINEERING CO. (Reversible), Alliance, O. *See adv index at end of book*

Speed Controller Co., 257 William, New York
Sundh Electric Co., 548 W 23d, New York
Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3060—Controllers (Emery Wheel Speed)

Ransom Mfg. Co. ("Ransom"), Oshkosh, Wis

3061—Controllers (Fire & Flame Automatic)

Combustion Utilities Corp., 60 Wall, New York
Weinman C. J. Co., 310 E 2d, Dayton, O.

3062—*Controllers (Machine Tool)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
CUTLER-HAMMER MFG. CO. (Electric), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

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3065—*Controllers (Motor)

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3066—Controllers (Printing Press)

Allis-Chalmers Mfg. Co. (Electric), Milwaukee, Wis. *See adv index at end of book*
CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

Controllers (Pump)

See Governors, Pump; also Controllers, Electric Pump

3067—*Controllers (Railway Motor)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3068—Controllers (Rate, for Filters, Etc.)

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Norwood Engineering Co. ("Vivian"), Florence, Mass.
SIMPLEX VALVE & METER CO. ("Simplex"), 110 N Broad, Phila., Pa.

3069—*Controllers (Rheostatic)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*
ELECTRIC CONTROLLER & MFG. CO., Cleveland, O. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

3070—Controllers (Switch Circuit)

Hall Switch & Signal Co. (For R. R. Signal Systems), 50 Church, New York

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GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

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FOXBORO COMPANY, THE, succeeding **Industrial Instrument Co.** ("Foxboro"), Foxboro, Mass. *See adv index at end of book*

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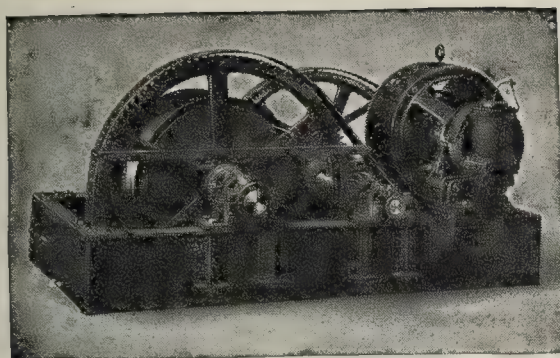
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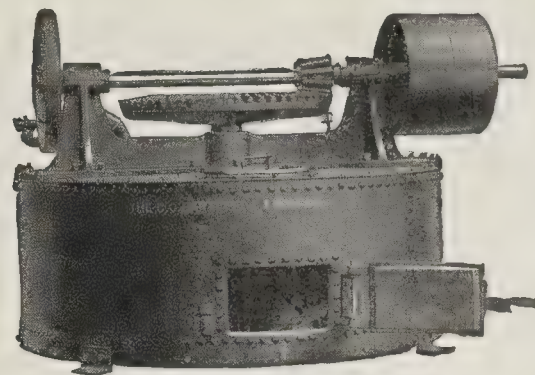
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3074— Controllers (Valve)

Beaumont Iron Works Co. ("Martin"), Beaumont, Texas.

3075—Converter Bottoms (Brick)

Haws A. J. & Sons (Ltd.), Johnstown, Pa.

3076—Converters (Bessemer)

Bretand J. V. ("Bretand"), W Gd blvd, Detroit, Mich.
Columbiana Boiler Co., Columbiana, O.
Manitowoc Engineering Works, Manitowoc, Wis.

Pennsylvania Engineering Works, New Castle, Pa.

Petroleum Iron Works Co., Sharon, Pa.
Pollock Wm. B. Co., Youngstown, O.
Reeves Bros. Co., Alliance, O.
Ritter-Conley Co., Pittsburgh, Pa.
Stoughton Bradley (Removable Bottom), 29 W 39th, New York

TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Variety Iron & Steel Works Co., Hamilton av & E 40th, Cleveland, O.

3077— Converters (Copper)

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Davis F. M. Iron Works Co., Denver, Colo.
Manitowoc Engineering Works, Manitowoc, Wis.

Traylor Engineering & Mfg. Co. (Bisbee Type), Allentown Pa., & 30 Church, New York

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York

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ALLIS-CHALMERS MFG. CO. (Rotary), Milwaukee Wis.
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ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
Fowler Lamp & Mfg. Co. ("Fowler" for Gas & Oil), 59 E 24th, Chicago, Ill.
Union Iron Works Co. (For Copper), 20th & Michigan, San Francisco, Cal.
Wagner Electric Mfg. Co. ("Wagner" Single Phase, etc), 6400 Plymouth av, St. Louis, Mo.

WESTINGHOUSE ELECTRIC & MFG. CO. (Rotary), East Pittsburgh, Pa.
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3079—Converters (Multicycle Vibrating)

Holtzer-Cabot Electric Co., Brookline, Mass.

3080— Converters (Rotary)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Manitowoc Engineering Works, Manitowoc, Wis.
Northwestern Electric Co., 408 S Hoyne av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
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3081—Converters (Steel Casting)

Exeter Machine Works ("Lillienburg"), Pittston, Pa.
Stoughton Bradley ("Seco"), 29 W 39th, New York
Tropenas Converter Co. (Side Blown), 2243 Nostrand av, Brooklyn, N. Y.
Wharton Wm. Jr., & Co., Inc., Easton, Pa.

3082—Converters (Steel, Side Blown)

Deemer Steel Casting Co. ("Deemer"), New Castle, Del.
Tropenas Converter Co., 50 Church, New York
Whiting Foundry Equipment Co., Harvey, Ill.

3083— Converters (Wire Test)

Fowler Lamp & Mfg. Co. ("Fowler" for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

3084— Conveying Machinery

See Elevating & Conveying Machinery

Conveyor Belts

See Belting Mfrs., Conveyor

3085—*Conveyor Parts (Manganese Steel)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

3086— Conveyor Troughs

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Dodge Sales & Engineering Co., Mishawaka, Ind.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hendrick Mfg. Co., Carbondale Pa.
Heyl & Patterson, 51 Water, Pittsburgh, Pa.

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Littleford Bros., 444 E. Pearl, Cincinnati, O.

Nordyke & Marmon Co., 1290 Kentucky, av, Indianapolis, Ind.
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.

3087— Conveyor Weighers

Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Merrick Scale Mfg. Co. ("Weightometer"), Passaic, N. J.

Conveyors (Air Pressure)

See Conveyors, Pneumatic

3088— Conveyors (Apron)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co., Amherst, Ohio
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BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*

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 Chain Belt Co. (Endless), Milwaukee, Wis.
 Dow Wire & Iron Works ("Dow" Steel & Wood), Louisville, Ky.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
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ROBINS CONVEYING BELT CO., 13 Park row, New York. *See adv index at end of book*
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 Weller Mfg. Co., 853 W North av, Chicago, Ill.

3089—Conveyors (Ash Can)

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3090—*Conveyors (Automatic Power)

Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3091—*Conveyors (Bag Filler)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3092—*Conveyors (Batch)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3093—Conveyors (Belt)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.

American Conveyor Co., 3017 La Salle, Chicago, Ill.
 American Road Machinery Co. ("Champion"), Kennett Sq., Pa.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*

BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
 Batavia Engineering Works (Troughed), Batavia, Ill.

Beaumont R. H. Co., Drexel bldg., Phila., Pa. *See adv index at end of book*
 Bonnot Company, Canton, O.
 Boston Belting Co., 84 Linden Park St, Boston, Mass.

Buchanan C. G. Co., 90 West, New York
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Chain Belt Co., Milwaukee, Wis.
 Conveying Weigher Co. (Ball Bearing), 90 West, New York

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 Dow Wire & Iron Wks., Louisville, Ky.
 Dull Raymond W. Co., 111 W Washington, Chicago, Ill.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Freeman H. C. & Co., 141 Milk, Boston, Mass.

Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa. *See adv index at end of book*

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KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*

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 Pyott Co., 1401 W North av, Chicago, Ill.
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Rock Products Equipment Corp., 42 Church, New York *See adv index at end of book*

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 Standard Store Service, Inc., Hartford, Conn.

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Strong Homer, Rochester, N. Y.
 United Iron Works Co., Springfield, Mo.
 Universal Pneumatic Transmission Co., 145 W Ohio, Chicago, Ill.

Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

Wolf Co., Chambersburg, Pa.
 Worthington Pump & Machy. Corp., 115 B'way, New York

3094—*Conveyors (Bottle)

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3094a—*Conveyors (Bread)

Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

3095—Conveyors (Brick & Clay)

ALLIS-CHALMERS MFG. CO. (Clay), Milwaukee, Wis. *See adv index at end of book*
 Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.

Alvey Mfg. Co. (Gravity Brick Carriers), 3201 S B'way, St. Louis, Mo.
 American Clay Machinery Co., S Walnut, Bucyrus, O.

Arnold-Creager Co., New London, O.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*

BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
 Bonnot Co. (& Clay Elevators), Canton, O.
 Boston Belting Co., 84 Linden Park st, Boston, Mass.

Caldwell H. W. & Son Co., 17th & Western, av, Chicago, Ill.
 Caldwell W. E. Co. (Clay), 2270 Brook, Louisville, Ky. *See adv index at end of book*

Chain Belt Co., Milwaukee, Wis.
 Chambers Bros. Co. (Clay), 52d bel. Lancaster av, Phila., Pa.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Fate J. D. Co., Plymouth, O.

Haiss G. Mfg. Co., 141st & Rider av, New York

Hunt C. W. Co. (Clay), West New Brighton, N. Y. *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

Mathews Gravity Carrier Co. (Gravity Brick Carriers), Elwood City, Pa.

Minnesota Manufacturers' Association (Ball Bearing Gravity), N St. Paul, Minn.

Pittsburgh Conveying Machinery Co., 4th & Duquesne wy., Pittsburgh, Pa.

ROBINS CONVEYING BELT CO., 13 Park Row, New York *See adv index at end of book*

Savage W. J. Co., Knoxville, Tenn.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

Wellington Machine Co., Wellington, Ohio

3096—*Conveyors (Bridge)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3097—*Conveyors (Bucket)

See also Elevators, Bucket
JEFFREY MFG. CO. (Pivoted), 961 N Fourth, Columbus, O. *See adv index at end of book*

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*

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Conveyors (Cable)

See Conveyors, Wire Cable; also Tramways Wire Rope

3098—Conveyors (Canners')

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Caldwell H. W. & Son Co., 17th & Western, av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.
 Climax Machinery Co., Indianapolis, Ind.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Lamson Co., 100 Boylston, Boston, Mass.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

ROBINS CONVEYING BELT CO., 13 Park Row, New York *See adv index at end of book*

Webster Mfg. Co., Tiffin, O.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

3099—*Conveyors (Cement)

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ROBINS CONVEYING BELT CO., 13 Park Row, New York *See adv index at end of book*

See adv index at end of book

3100 Conveyors (Chain)

Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.

Alvey Mfg. Co., 3201 S B'way, St. Louis, Mo.

Atlanta Mfg. & Supply Co., Atlanta, Ga.

BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Caldwell H. W. & Son Co., 17th & Western, av, Chicago, Ill.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Chain Belt Co., Milwaukee, Wis.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Garland M. Co. (Steel Chain), Bay City, Mich.

Great Western Mfg. Co., Leavenworth, Kans.

Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa. *See adv index at end of book*

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JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

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Lamson Co., 100 Boylston, Boston, Mass.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

Mey Chain Belt Co., Buffalo, N. Y.

Pittsburgh Conveying Machinery Co., 4th & Duquesne wy., Pittsburgh, Pa.

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Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

United Iron Works Co., Springfield, Mo.

Webster Mfg. Co., Tiffin, O.

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See Conveyors, Brick & Clay

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See adv index at end of book

3103-4—Conveyors (Coal & Ash Handling)

See also Coal & Ore Handling Machinery
Acme Road Machy. Co., Frankfort, N. Y.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
American Conveyor Co., 3017 S La Salle, Chicago, Ill.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Atlas Engineering Co. (For Ashes), Amherst, Ohio *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
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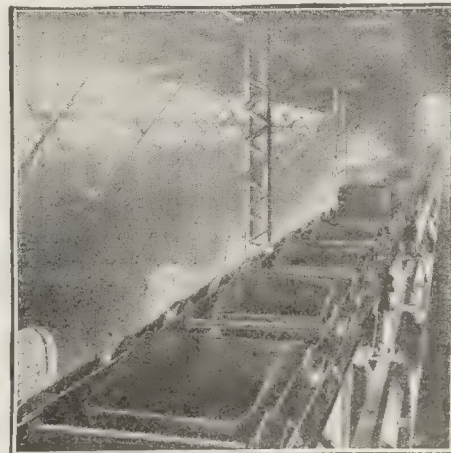
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Caldwell H. W. & Son Co., 17th & Western, av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.
Dow Wire & Iron Works ("Dow" Conveyors & Steel Car Bunkers for Power Plants), Louisville, Ky.
Ernst Chas K., Buffalo, N. Y.
Exeter Machine Works, Pittston, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Finch Mfg. Co., Scranton, Pa.
Gifford Wood Co., Hudson, N. Y.
Girtanner-Davies Engineering & Contracting Co. (Vacuum, Ash Removal System), Chemical bldg, St. Louis, Mo.
Haiss G. Mfg. Co., 141st & Rider av, New York
Helmick Fdry & Machine Co., Fairmont, W. Va.
Herzler & Henninger Machine Works (For Coal Mines), Belleville, Ill.
Howe Scale Co., of Illinois, 1315 S Wabash av, Chicago, Ill.
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth Columbus, O. *See adv index at end of book*
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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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McLanahan-Stone Mach. Co., Hollidaysburg, Pa.
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
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Prox Frank Co., Terre Haute, Ind.
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See adv index at end of book
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 Webster Mfg. Co., Tiffin, O.
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Conveyors (Concrete)

See Conveyors, Cement

3105—*Conveyors (Corn & Cob)

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See adv index at end of book

3108— *Conveyors (Dredge)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

Conveyors (Feed, Litter, Etc.)

See Carriers, Feed & Litter

3109— *Conveyors (Fertilizer)

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See adv index at end of book
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See adv index at end of book

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See adv index at end of book

Conveyors and Conveyor Parts

Rock Products Equipment Corp.

42 Church St., N. Y. City

Conveyors (Flour)

See Conveyors, Grain Elevator

3111— *Conveyors (Freight)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

3112—Conveyors (Grain Elevator)

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 Atlanta Mfg. & Supply Co., Atlanta, Ga.
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 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Campbell Peter F., 51 Laurel, Phila., Pa.
 Chain Belt Co., Milwaukee, Wis.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Dow Wire & Iron Works ("Dow"), Louisville, Ky.
 Essmueller Mill Furnishing Co., 1222 S 8th, St. Louis, Mo.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Great Western Mfg. Co., Leavenworth, Kans.
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See adv index at end of book
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 Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Noye Bros. Co., Buffalo, N. Y.
 Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
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See adv index at end of book
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 Smith, Philip Mfg. Co., Sidney, O.
 Sprout, Waldron & Co., Muncy, Pa.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.
 Wolf Co., Chambersburg, Pa.

Conveyors (Gravel & Sand)

See Conveyors, Coal & Ash Handling

3113— Conveyors (Gravity)

Alvey-Ferguson Co. (For Boxes, Barrels, Crates, etc), 70 North av, Oakley, Cincinnati, O.
 Alvey Mfg. Co., 3201 S B'way, St. Louis, Mo.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Dow Wire & Iron Works, Louisville, Ky.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book
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LINK-BELT CO. ("Link-Belt" Discharge Elevator Conveyor), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
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 Mathews Gravity Carrier Co., Ellwood City, Pa.
 Mead-Morrison Mfg. Co. ("McCaslin" Bucket), cor Prescott & Orleans, East Boston, Mass.
 Minnesota Manufacturers' Ass'n (Ball Bearing, also Portable on Casters), N St. Paul, Minn.
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 Robins Conveying Belt Co., 13 Park Row, N. Y. *See adv index at end of book*
 San Francisco Mill Furnishing Co., 521 7th, San Francisco, Cal.

3114—Conveyors (Gravity Roll)

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 Lamson Co., 100 Boylston, Boston, Mass.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

3115—Conveyors (Gravity, Spiral)

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3117—*Conveyors (Hot Metal)

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Conveyors (Ice)

See Ice Handling Machinery

3118—Conveyors (Limestone)

See Conveyors, Rock & Ore

3119—Conveyors (Link Belt)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
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 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
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 Mey Chain Belt Co., Buffalo, N. Y.
ROBINS CONVEYING BELT CO., 13 Park Row, New York. *See adv index at end of book*
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

3120—Conveyors (Log & Lumber)

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 Chain Belt Co., Milwaukee, Wis.
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 Diamond Iron Works (Log), 2d & 18th av, N, Minneapolis, Minn.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Flory S. Mfg. Co., Bangor, Pa.
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 Lane Mfg. Co., Montpelier, Vt.
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 Minnesota Manufacturers' Ass'n (Gravity Ball Bearing), N St. Paul, Minn.
 Robins Conveying Belt Co., 13 Park Row, New York *See adv index at end of book*
 Soule Steam Feed Works, Meridian, Miss.
 Webster Mfg. Co., Tiffin, O.
 Wheland Company, Chattanooga, Tenn.

Conveyors (Lumber & Shingle)

See Conveyors, Log & Lumber

3121—*Conveyors (Mechanical)

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See Carriers, Merchandise

3122—*Conveyors (Molding Sand)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
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 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Caldwell H. W. & Son Co. ("Caldwell" Traveling, etc), 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Clark W. J. Co., Salem, O.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
 Mey Chain Belt Co., Buffalo, N. Y.
 Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
ROBINS CONVEYING BELT CO., 13 Park row, New York *See adv index at end of book*
 Savage W. J. Co., Knoxville, Tenn.
 Stephens-Adamson Mfg. Co. (Steel), Aurora, Ill.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

3125—*Conveyors (Pipe)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3126—Conveyors (Pneumatic)

Allington & Curtis Mfg. Co. (For Shavings & Saw Dust), Saginaw, Mich.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Guarantee Const. Co. ("Darley" for Coal, Ashes & Cement, etc), 140 Cedar, New York
 Parson Mfg. Co. (For Ashes, etc.), 149 B'way, New York
 Pneumatic Conveyor Co., 37 W Van Buren, Chicago, Ill.

3127—*Conveyors (Pneumatic, Electrical & Mechanical)

LAMSON CO. (For Money, Mail & Merchandise), 100 Boylston, Boston, Mass.

3128—Conveyors (Portable)

Brown Portable Conveying Machinery Co., 10 S La Salle, Chicago, Ill.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3129—Conveyors (Ribbon Scroll)

American Tool & Machine Co. (Steel, Brass or Copper for Sugar & Chemicals), 10 High, Boston, Mass.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Hassell Iron Works Co., Colorado Springs, Col.
 Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
 Weller Mfg. Co., 853 W North av, Chicago, Ill.
 Wolf Co., Chambersburg, Pa.

3130—Conveyors (Rock & Ore)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Atlas Engineering Co., Amherst, O. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
 Boston Belting Co., 84 Linden Park st, Boston, Mass.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Chain Belt Co., Milwaukee, Wis.
 Colorado Iron Works Co., Denver, Colo.
 Exeter Machine Works, Pittston, Pa.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Hammond Mfg. Co., Kamm bldg, Portland, Ore.
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
ROBINS CONVEYING BELT CO., 13 Park row, New York *See adv index at end of book*
 Savage W. J. Co., Knoxville, Tenn.
 Universal Crusher Co. ("Eureka" & "Universal"), Cedar Rapids, Ia.
 Vulcan Iron Works, Wilkes-Barre, Pa.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

3131—Conveyors (Rolling Mill)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Chain Belt Co., Milwaukee, Wis.
 Garrison A Foundry Co., 901 Bingham, Pittsburgh, Pa.
 Heyl & Patterson (Bar, Billet & Slab, etc), 51 Water, Pittsburgh, Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
 Morgan Construction Co., Worcester, Mass.
 Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
 Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

3132—*Conveyors (Rubber Belt)

Beaumont R. H. Co., Drexel bldg, Phila., Pa. *See adv index at end of book*
JEFFREY MFG. CO., ("Jeffrey" "Century"), 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

3133—Conveyors (Saw Dust)

Allington & Curtis Mfg. Co. (Pneumatic), Saginaw, Mich.
 Alvey-Ferguson Co., 70 North av, Oakley, Cincinnati, O.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Boston Belting Co., 84 Linden Park st, Boston, Mass.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Casey-Hedges Co., Chattanooga, Tenn.
 Chain Belt Co., Milwaukee, Wis.
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Garland M. Co., Bay City, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Koehler Bros., Saginaw, Mich.
 Lane Mfg. Co., Montpelier, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Lyon Iron Works, Greene, N. Y.
 Memphis Machine Works, Memphis, Tenn.
 Peglar Mfg. Co., Chattanooga, Tenn.
 Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
 Savage W. J. Co., Knoxville, Tenn.
 Southern Engine & Boiler Works, Jackson, Tenn.
 Tomahawk Steel & Iron Works, Tomahawk, Wis.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

3134—Conveyors (Sawmill)

See Conveyors, Log & Lumber

3135—*Conveyors (Screw)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

3136—*Conveyors (Slab & Billet)

ALLIS-CHALMERS MFG. CO. (Slab), Milwaukee, Wis. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

3137—Conveyors (Spiral)

See also Conveyors, Gravity Spiral
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Chain Belt Co. (Steel), Milwaukee, Wis.
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
 Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Lamson Co., 100 Boylston, Boston, Mass.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.
 Nazareth Foundry & Machine Co., Nazareth, Pa.
 Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
 Pratt Engineering & Machine Co., Atlanta, Ga.
 Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
 Skillen & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
 Spiral Conveyor Co., 1610 S Rockwell, Chicago, Ill.

Sprout Waldron & Co., Muncy, Pa.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.
 Wolf Co., Chambersburg, Pa.

3138—Conveyors (Suction)

Guarantee Construction Co. (For Handling Ashes, Coal, etc), 140 Cedar, New York
 Pneumatic Conveyor Co. ("Darley" for Handling Grain, Coal, Ashes, etc), 37 W Van Buren, Chicago, Ill.

3139—Conveyors (Wire Cable)

See also Wire Rope Tramways
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Garland M. Co., Bay City, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Mead-Morrison Mfg. Co., cor. Prescott & Orleans, East Boston, Mass.
 Savage W. J. Co., Knoxville, Tenn.
 Standard Store Service, Inc. (For Factory & Post Office), Hartford, Conn.
 Webster Mfg. Co., Tiffin, O.

3140—Cookers (Apple Butter)

BOOMER & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
 Harris Arthur & Co. (Steam), 212 N Curtis, Chicago, Ill.
 Hydraulic Press Mfg. Co. (Steam, for Apple Butter), Mount Gilead, O.

Cookers (Cottonseed & Linseed)

See Cottonseed Oil Machinery

3141—Cookers (Feed)

Bovee Furnace Works, Waterloo, Ia.
 Champion Milk Cooler Co., Cortland, N. Y.
 Donaldson Bros., Mount Clemens, Mich.
 Eddy W. Plow Co., Greenwich, N. Y.
 Empire Mfg. Co. ("Farmer's Handy"), Quincy, Ill.
 Freeland B. F. Sons Co. ("Quick Meal"), Sturgis, Mich.
 Freeland Steel Tank Co., Portage, Wis.
 Greenville Implement Co., Greenville, Mich.
 Heesen Bros. Co., Tecumseh, Mich.
 Heller-Aller Co. ("National"), Napoleon, O.
 Howell R. R. & Co. ("Minneapolis"), 31st av, Minneapolis, Minn.
 Ideal Gas Engine Co. ("Ideal"), Independence, Ia.
 Illinois Mfg. & Supply Co., Quincy, Ill.
 Kelly Foundry & Machine Co. ("Victor," "Goshen," "American"), Goshen, Ind.
 Lehr Agricultural Co., Fremont, O.
 Moore Plow & Implement Co. ("Moore"), Greenville, Mich.
 Niles Steel Tank Co., Niles, Mich.
 Pioneer Mfg. Co., Middlebury, Ind.
 Rippley Mfg. & Steel Boat Co. (Steam), Grafton, Ill.
 Ross Supply Co. ("Rex"), Greenville, O.
 Sperry D. R. & Co., North Aurora, Ill.
 Star Tank Co. ("Ideal" & "Winner"), Goshen, Ind.
 Swift Mfg. Co. ("Swift"), Waterloo, Ia.
 Vermont Farm Machine Co. ("Eureka"), Bellows Falls, Vt.
 Wehrle Co., Newark, O.
 Wisconsin Foundry & Machine Co., Madison, Wis.

3142—Cookers (Fireless)

Caloric Co. ("Caloric"), Janesville, Wis.
 Campbell Manson Co., Ltd., Leavitt & Campbell, Detroit, Mich.
 Campbell Wm. Co. ("Rapid"), 160 Addison, Detroit, Mich.
 Cleveland Natural Gas Supply Co. ("Erie," "Euclid"), 222 High, Cleveland, O.

Deshler Mail Box Co. ("Success"), Deshler, O.
 Diller Mfg. Co. ("Thermatic"), Bluffton, O.
 Durham Mfg. Co. ("Duplex"), Muncie, Ind.
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*
 Grand Rapids Hand Screw Co. ("Bakorost"), Grand Rapids, Mich.
 Heap & Sons, Grand Haven, Mich.
 Household Equipment Co. ("Sears Perfect"), 171 27th av, S. E., Minneapolis, Minn.
 Illinois Mfg. & Supply Co., Quincy, Ill.
 Seely Frances A. Co. ("Seely Sanitary"), 5735 Harper av, Chicago, Ill.
 Stephens Mfg. Co. ("Hygienic"), 67 Carroll, Buffalo, N. Y.
 Thermo Mfg. Co., Cleveland, O.
 Toledo Cooker Co. ("Ideal"), Toledo, Ohio

3143—Cookers (Fish)

American Process Co., 68 William, New York
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

3144—Cookers (For Fruit & Vegetable Canneries)

Huntley Mfg. Co. (Agitating Cookers), Silver Creek, N. Y.

Cookers (Meal)

See Heaters or Cookers, Meal

3145—Cookers (Steam)

American Woodenware Mfg. Co., Toledo, O.
 Bramhall-Deane Co., 261 W 36th, New York
 Buzzini Walter J., 505 W 21st st, New York
 Central Stamping Co., 174 Fulton, New York
 Chandle H. P. Sons Co., 114 W Lombard, Baltimore, Md.
 Chicago Novelty Co., 1314 Clybourne av, Chicago, Ill.
 Gem Stamped Steel Co, Chelsea, Mass.
 McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
 National Enameling & Stamping Co., 411 5th av, New York
 Republic Metalware Co., The ("Savory"), Buffalo, N. Y.
 Sexton S. B. Stove & Mfg. Co. (Cast Iron), 500 Block W Conway, Baltimore, Md.
 Standard Aluminum Co. (Aluminum), Two Rivers, Wis.
 Toledo Cooker Co. ("Ideal"), Toledo, O.
 Western Tin & Japan Mfg. Co. ("Challenge"), 1013 Walnut, Cincinnati, O.
 Wolterstorff Range Co., 66 E 3d, St. Paul, Minn.
 Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

3146—Cookers (Tomato Pulp & Catsup)

U. S. Bottlers' Machinery Co. ("Fields"), 1033 W Lake, Chicago, Ill.

3147—Cooking Apparatus

Aluminum Goods Mfg. Co. (Kitchen Specialties), Manitowoc, Wis.
 Bangs Jno. D. & Co., 421 S Wabash av, Chicago, Ill.
 Blodgett G. S. Co., Burlington, Vt.
 Born Steel Range Co., 2163 E 9th, Cleveland, O.
 Bramhall, Deane Co., 261 W 36th, New York
 Burg E. F. (Hotel Supplies), 224 W 1st, Duluth, Minn.
 Buzzini Walter J., 505 W 21st, New York
 Carmichael Range Co., 176 N Franklin, Chicago, Ill.
 Carpenter Cyrus & Co., 177 Massachusetts av, Boston, Mass.
 Clad V. & Sons, 16th & Calhounhill, Phila., Pa.
 Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
 Dougherty W. F. & Sons, 925 Arch, Phila., Pa.

Duparquet, Hout & Moneuse Co., 110 W 22d, New York
 Fischer Wm. G. Stove & Range Co., 328 Plum, Cincinnati, O.
 Fuller & Warren Co. (French Cooking), Troy, N. Y.
 Globe Stove & Range Co., Kokomo, Ind.
 Hutchinson Bros., 5 S Howard, Baltimore, Md.
 Illinois Pure Aluminum Co. (Hotel Utensils), Lemont, Ill.
 Iis John G. & Co., 839 Mission, San Francisco, Cal.
 Ingram W. H., 106 N 3d, Phila., Pa.
 Joesting & Schilling Co. (Hotel Supplies), 379 Sibley, St. Paul, Minn.
 Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.
 Malleable Steel Range Mfg. Co., South Bend, Ind.
 Mangrum & Otter, 561 Mission, San Francisco, Cal.
 Miller A. G. (Coffee Urns), 108 Centre, New York
 Miller Wm. Range & Furance Co., 7th & B'way, Cincinnati, O.
 Morandi-Proctor Co., 86 Washington, Boston, Mass.
 New York French Range Co., 188 Chambers, New York
 Pick Albert & Co. (Hotel Ranges), 1200 W 35th, Chicago, Ill.
 Ray Geo. A. Mfg. Co. (Steam Tables), Buffalo, N. Y.
 Richardson & Boynton Co., 31 W 31st, New York
 Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.
 Russ Co. (Steam Tables), 5700 Walworth av, Cleveland, O.
 Sexton S. B. Stove & Mfg. Co., 500 Block W Conway, Baltimore, Md.
 Sheppard I. A. Co., Erie av & Sepviva Phila., Pa.
 Stearnes Steel Range Co., 215 N Michigan av, Chicago, Ill.
 Traub W. F., 912 Montrose av, Chicago, Ill.
 Two Rivers Plating Works, Two Rivers, Wis.
 Van John Range Co., 5th & B'way, Cincinnati, O.
 Watkins Jas. Y. & Son (Bakers' Ranges), 20 Catherine, New York
 Webb Elisha & Son Co. (Marine, also Lighting Apparatus), 136 S Front, Phila., Pa.
 Wolterstorff Range Co., 66 E 3d, St. Paul, Minn.
 Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

3148—Cooking Apparatus (Electric)

Allmur Mfg. Co., Janesville, Wis.
 American Electrical Heater Co. (Heaters, Broilers, etc.), Detroit, Mich.
 Bennington Scale Co., Bennington, Vt.
 Berkeley Electric Cooker Co., Berkeley, Cal., & 133 E 16th, New York
 Buzzini Walter J., 505 W 21st, New York
 Cadillac Electric Mfg. Co., Cadillac, Mich.
 Caloric Co., Janesville, Wis.
 Clifford L. L. & Co., Marion, Ind.
 Copeman Electric Stove Co., Flint, Mich.
 Crystal Percolator Co., 44 E 23d, New York
CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
 Despatch Mfg. Co., Minneapolis, Minn.
 Elec. Heat Storage Co., 9 Church, New York
 Elec. Mfg. Co., 59 New Montgomery, San Francisco, Cal.
 Elec. Spec. Mfg. Co. (Toasters, Percolators), Benton Harbor, Mich.
 Estate Stove Co. (Ovens), Hamilton, O.
 Farad Elec. Co., Engineers' bldg, Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Globe Stove & Range Co., Kokomo, Ind.
 Good Housekeeping Cooker Co., Berkeley, Cal.
 Hoskins Mfg. Co. (Electric Toasters), 453 Lawton, Detroit, Mich.
 Hotpoint Elec. Htg. Co., Ontario, Cal.
 Hughes D. C. & Co., 4642 Ravenswood av, Chicago, Ill.
 Hughes Electric Heating Co. ("Hughes" Stoves & Ranges), 5660 W Taylor, Chicago, Ill.
 Idaho Elec. & Mfg. Co., Pocatell, Idaho
 Industrial Elec. Mfg. Co., Boydell bldg, Detroit, Mich.

International Instrument Co. (Electric Ovens), Cambridge, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Lindstrom-Smith Co., 1104 S Wabash av, Chicago, Ill.
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Manning-Bowman & Co., Pratt, Meriden, Conn.
 Michigan Stove Co., Jefferson av & Adair, Detroit, Mich.
 National Elec. Co., 140 W Austin av, Chicago, Ill.
 National Elec. Utilities Corp., 103 Park av, New York
 Paragon Elec. Co. (Toasters), 9 S Clinton, Chicago, Ill.
 Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.
 Phelps Mfg. Co. (Electric Toasters), 265 Jefferson av, Detroit, Mich.
 Pick Albert & Co. (Cooking Ranges), 1200 W 35th, Chicago, Ill.
 Pittsburgh Elec. Spec. Co. (Toaster Disc Stoves), Ross & 1st av, Pittsburgh, Pa.
 Presto Elec. Co., 323 Geary, San Francisco, Cal.
 Prometheus Elec. Co., 511 W 42d, New York
 Rathbone Sard Elec. Co., Albany, N. Y.
 Reddan Spec. Co. (Disc Stoves), 25 W B'way, New York
 Reliance Elec. Htg. Co., Columbia, Pa.
 Rochester Stamping Co., Anderson av, Rochester, N. Y.
 Rutenber Elec. Co., Marion, Ind.
 Ruvio Elec. Co., 50 Broad, New York
 S. P. Stove Co., Wilmetta, Ill.
 Scientific Products Co., Steubenville, O.
 Silex Co., 45 High, Boston, Mass.
 Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
 Standard Elec. Nov. Co., 730 W Randolph, Chicago, Ill.
 Standard Elec. Stove Co., 1720 N 12th, Toledo, O.
 Standard Stamping Co., Marysville, O.
 Stoneware Elec. Stove Wks., Dover, N. J.
 Thermo Mfg. Co., Cleveland, O.
 Waage Elec. Co. (Toaster Stoves), 12 S Jefferson, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 White-Stokes Co., 3615 Jasper pl, Chicago, Ill.

3149—Cooking Apparatus (Gas)

Blodgett G. S. Co., Burlington, Vt.
 Buzzini Walter J., 505 W 21st, New York
 Duparquet, Hout & Moneuse Co., 110 W 22d, New York
 Meek Oven Co., Newburyport, Mass.

3150—*Coolers (Air)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*

3151—Coolers (Ammonia)

Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.

3152—Coolers (Beer)

Baer A. S. & Son (Imp), 106 Wall, New York
 Berner H. D. & Winterbauer Co., 4th av & 12th, New York
 Bishop-Babcock-Becker Co., Cleveland, O.
 Brunswick-Balke-Collender Co., 629 S Wabash av, Chicago, Ill.
 Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.
 Hall Amos H. & Sons, 2915 N 2d, Phila., Pa.
 Keller George, 1051 Wyckoff av, Brooklyn, N. Y.
 Ott Geo. F. Co., 209 Buttonwood, Phila., Pa.
 Roos, August Sons, 429 E 91st, New York
 Stevens B. A. Co., Toledo, O.
 Strater Herman & Sons, 74 Sudbury, Boston, Mass.

3153—Coolers (Brine)

Baker Ice Machine Co., Omaha, Neb.
 Carbondale Machine Co., Carbondale, Pa.
 Triumph Ice Machine Co. (Shell), Oakley, Cincinnati, O.
Vogt Henry Machine Co., Louisville, Ky.
 York Mfg. Co., York, Pa.

3154—Coolers (Candy)

Collum Mfg. Co., Hartford, Conn.

3155—Coolers (Chemical Wood)

Hammond Iron Works, Warren, Pa.
See adv index at end of book

3156—Coolers (Circulating Water)

Devine J. P. Co., Buffalo, N. Y.
 Power Specialty Co., 111 B'way, New York

3157—Coolers (Clinker)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Columbian Boiler Co., Columbian, O.
 Connery & Co., 2nd & Luzerne, Phila., Pa.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
 Kennicott Co., Chicago Heights, Ill.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Reeves Bros. Co., Alliance, O.
 Stearns-Roger Mfg. Co. (Cement Clinker, etc.), Denver, Colo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

3158—Coolers (Cottonseed & Linseed Cake)

French Oil Mill Mach'y Co., Piqua, O.

Coolers (Disc)

See Stoneware, Chemical

3159—Coolers (Lard)

Black-Clawson Co., Hamilton, O.
 Buckeye Boiler Co., Dayton, O.
 Devine J. P. Co., Buffalo, N. Y.

3160—Coolers (Lead)

Chadwick Boston Lead Co., 162 Congress, Boston, Mass.
 Schutte & Koertong Co., 1251 N 12th, Phila., Pa.
 Traylor Engineering & Mfg. Co., Allentown, Pa., & 30 Church, New York

3160a—Coolers (Lime)

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book

3161—Coolers (Meal)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

3162—Coolers (Milk & Cream)

Burrell D. H. & Co. ("Simplex" Internal Tube & Surface Coolers), Little Falls, N. Y.
 Champion Milk Cooler Co., Cortland, N. Y.
 Cordley & Hayes ("C. & H."), 7 Leonard, New York
 Jones Frank L., Utica, N. Y.
 Lewis Mfg. Co. ("Perfection" Aerators), Cortland, N. Y.
 Reid A. H. Creamery & Dairy Supply Co. (Tubular, Expansion & Cooler & Aerator), 69th & Haverford, Phila., Pa.
 Skidd Chas. Mfg. Co. ("Chilly King"), Kenosha, Wis.
 Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.

3163—Coolers (Oil)

GRISCOM-RUSSELL CO. ("Reilly Multi-coil"), 92 West, New York
See adv index at end of book
SCHUTTE & KOERTING CO. ("S. & K." Film), 1251 N 12th, Phila., Pa.

3164—Coolers (Ore)

Stearns-Roger Mfg. Co. ("Baker"), Denver, Colo.
 Walker Mfg. Co., Denver, Colo.

3165—Coolers (Rotary)

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book
 Manitowoc Engineering Works, Manitowoc, Wis.

3166— Coolers (Water)

Aldrich Mfg. Co., Buffalo, N. Y.
 American Woodenware Mfg. Co., Toledo, O.
 Boston Filter Co. ("Boston"), Chelsea, Mass.
 Briscoe Mfg. Co. ("O-Rib-O"), Woodward & Baltimore avs, Detroit, Mich.
 Buffalo Mfg. Co. ("Jewett," "New Era"), Buffalo, N. Y.
 Central Stamping Co. ("Puritan"), 172 Fulton, New York
 Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
 Consumers' Cooler Co. ("Useit"), Michigan City, Ind.
 Cooper & McKee, 119 Lorimer, Brooklyn, N. Y.
 Cordley & Hayes ("Fibrotta," "XX Century" Fibre Ware), 7 Leonard, New York
 Dover Stamping & Mfg. Co. (Galvanized Tank & "Dover" Wood Jacket), Cambridge, Mass.
 Dressel Railway Lamp Works (For Locomotive or Railway Use, with Handle Attached), 3860 Park av, New York
 Everson Filter Co. ("Everson"), 70 W Lake, Chicago, Ill.
 Fearless Dish Washer Co. ("Barron"), Rochester, N. Y.
 Fulper Pottery Co., Flemington, N. J.
 Gray Peter & Sons, Inc., 286 Third, East Cambridge, Mass.
 Ideal Water Cooler Co. ("Ideal"), Monadnock blk, Chicago, Ill.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Kraft A. C. ("Alaskan"), 323 W Lake, Chicago, Ill.
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 Major Mfg. Co. (Glass), 461 Pearl, New York
 Manning, Bowman & Co., Meriden, Conn.
 National Enameling & Stamping Co., 411 5th av, New York
 New Farson Mfg. Co. (Hardwood), Chester, Pa.
 Ray Geo. A. Mfg. Co. (All Copper Nickled Plated), Buffalo, N. Y.
 Republic Metalware Co. The, Buffalo, N. Y.
 Robinson Clay Product Co. (Stone), Akron, Ohio
 Sanitary Cooler Co., Pottstown, Pa.
 Sloan Novelty Mfg. Co. ("Sloan"), Kansas City, Mo.
 Spray Engineering Co. ("Spraco" System, for Condensing Water, Jacket Water, etc.), 93 Federal, Boston, Mass.
 Standard Stamping Co. ("Blizzard"), B'way & Chambers, St. Louis, Mo.
 Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
 Union Cooperage Co. ("U. C."), 2d & Penrose, St. Louis, Mo.

3167— Coolers (Wine)

Ray Geo. A. Mfg. Co. (Heavy Brass & Copper, Nickel Plated, Silver Lined, etc.), Buffalo, N. Y.

3168— Cooperage Stock

Adams Frank P. (Staves & Headings), Bluffton, Ind.
 Adams J. A. & Sons Co. Ltd. (Tight Staves for Whiskey, Oil & Pork Barrels, etc.), Ruston, La.
 Adams S. H. (Slack Barrel Staves & Headings), Portland, Ind.
 Alabama Cooperage Co. (Yellow Pine Heading, etc), Calera, Ala.
 American Stave & Cooperage Co., Chelsea, Mass.
 Arkadelphia Milling Co. (Tight Barrel Staves, Kiln Dried & Jointed, Bucked & Sawed; Whiskey, Oil, Tierce & Cut Staves), Arkadelphia, Ark.
 Baker-Matthews Mfg. Co. (Staves), Sikeston, Mo.
 Beebe Stave Co. (Ash & Cottonwood Staves & Heading & Coiled Elm Hoops), Little Rock, Ark.
 Bell Edwin Co, So 17th, Pittsburgh, Pa.
 Bettis H. Co. (Slack Cooperage, Staves, Heading, Hoops, etc), Wheeling, W. Va.
 Big Run Mfg. Co. (Staves), Allentown, Pa.
 Bolz-McBride Cooperage Co. (Slack Staves & Heading), Bank of Commerce bldg, St. Louis, Mo.
 Booser Geo. A. (Slack Barrel Stock of Every Description), Corning, Ark.

Bott Bros. Mfg. Co., Alexandria, Mo.
 Brooklyn Cooperage Co. (Sugar Barrels, etc.), 142 Kent av, Brooklyn, N. Y.
 Brown Stave Co. (Ltd.), (Staves), Monroe, La.
 Buckeye Stave Co. (Staves, etc), Leipsic, O.
 Burdette Cooperage Co. (Staves & Headings), Burdette, Ark.
 Calcutt N. W. Co. (Tight Barrel Staves & Heading), Dyersburg, Tenn.
 Campbell J. M. (Staves), Caldwell, Ark.
 Chickasaw Cooperage Co. (Shooks & Barrels), Memphis, Tenn.
 Coleman W. H. Co. (Tight Barrel & Circled Heading), Jackson, Tenn.
 Colewell Cooperage Co. (Package Stock), 412 Greenwich, New York
 Colvin S. S. Stave Co. (Staves, etc.), Pemberville, O.
 Cornie Stave Co. (Staves, etc), Junction City, Ark.
 Courtney Co., Charleston, W. Va.
 Delta Stave Co. (Ltd.), (Staves), Lanesille, La.
 Dinwiddie Stave Co. (Gum, Syrup, Glucose Staves & Heading), Louisville, Ky.
 Doud Sons & Co., Winona, Minn.
 Earl Cooperage Co. (Slack Ash & Elm Barrel & Butter Tub Stock), Earl, Ark.
 Eberhard & Splater (Staves), Troy, Ind.
 Farmers' Mfg. Co. (Slack Cooperage, Staves, Headings & Hoops), Norfolk, Va.
 Finke Bros. (Staves, etc), Portland, Ore.
 Fostoria Stave & Barrel Co. (Staves, etc.), Fostoria, O.
 Fuqua J. J. (Tight Stock, White & Red Oak, Sawn Staves & Heading), Milan, Tenn.
 Galeton Stave & Heading Co. (Staves & Headings), Galeton, Pa.
 Gotshall Mfg. Co., Archbold, O.
 Greif Bros. Cooperage Co. (All Kinds of Slack Stock), 1937 Willey av, Cleveland, O.
 Griffith Robt. C. (Hoopes), Terre Haute, Ind.
 Grismore-Hyman Co. (Slack Barrel), Memphis, Tenn.
 Gulf Cooperage Co. (Barrel Shooks, etc), Frick Annex, Pittsburgh, Pa.
 Hall Jas B. (Beer Staves & Heading, etc), Lexington, Ky.
 Hall N. B. & Sons (Slack Barrel Headings), Decatur, Ala.
 Hall W. P. Stave Co. (Slack Stock, also White Ash Butter Tub Staves), Memphis, Tenn.
 Hampton Stave Co. (Tight Stave Stock), Fordyce, Ark.
 Harrison John F. (Staves), Bienville, La.
 Hawk A. J. Sons (Hoops, etc), Rockford, O.
 Hayes A. L. Co. (Staves), Nashville, Tenn.
 Heidt C. & Son (Staves, Headings & Hoops), 64 Fairmount, Jersey City, N. J.
 Hickory Run Mfg. Co. (Staves), Allentown, Pa.
 Hire Stave & Tile Co. (Staves, etc.), Mark Center, O.
 Hoge H. H. (Hoops, etc), New Knoxville, O.
 Holland S. G. Stave Co. (Staves), Nashville, Tenn.
 Hollingshead J. D. Co., 208 S La Salle, Chicago, Ill.
 Hornung Jacob (Staves, Hoops, etc), New Bavaria, O.
 Hudson & Dugger Co. (Headings), Memphis, Tenn.
 Humble W. H. (Staves), Holly Grove, La.
 Jackson & Tindle (Slack Staves, Heading & Hoops), Buffalo, N. Y.
 Keaton Bros. (Staves), Memphis, Tenn.
 Kennedy Heading Co. (Headings), Memphis, Tenn.
 Kennedy Mfg. Co. (Headings), Memphis, Tenn.
 McLean I. F. (Tight Stock), Nashville, Tenn.
 Major Stave Co. (Tight Stock, White & Red Oak & Ash Staves), Ashdown, Ark.
 Martin Stave Co. (Ltd) (Tight Barrel Staves), Haynesville, La.
 Memphis Stave Mfg. Co. (Slack Stock, Elm, Gum, Sycamore, etc), Memphis, Tenn.
 Mill Shoals Cooperage Co. (Slack Stock Gum, Sycamore, Elm & Ash), Mill Shoals, Ill.
 Miller G. L., Java, N. Y.

Moeller John H. (Staves & Headings), Mt. Vernon, Ind.
 Moore L. E. Stave Co. (Beer Staves, etc), Wells bldg, New Orleans, La.
 Mt. Olive Stave Co. (Tight Staves & Heading), Batesville, Ark.
 National Cooperage & Woodenware Co. (Tight, White Oak & Gum Staves & Heading), Peoria, Ill.
 National Mfg. Co. (Slack), Dime Savings Bank bldg, Detroit, Mich.
 Noble Wm. K. (Slack Barrel), Ft. Wayne, Ind.
 Northern Ohio Cooperage & Lumber Co. (Slack Staves), Parkin, Ark.
 Ohio Stave Co. (Staves etc), Cardington, O.
 Omaha Cooperage Co. (Tight & Slack Barrels), Omaha, Neb.
 Ozark Cooperage & Lumber Co. (Gum Staves, etc), International Life bldg, St. Louis, Mo.
 Palmer Lowell M. (Staves & Heading), 78 Beekman, New York
 Pekin Cooperage Co. (Tight), Pekin, Ill.
 Pennoyer J. C. Co. (Slack & Tight), 226 S La Salle, Chicago, Ill.
 Pennypacker W. G., Jr. (Slack Stock), Mutual Life bldg, Buffalo, N. Y.
 Pioneer Cooperage Co. (Tight), 2212 De Kalb, St. Louis, Mo.
 Pointe Coupee Stave & Lumber Co. (Staves), New Orleans, La.
 Ritzwoller M. H. Co. (Tight Staves, Sawed & Bucked, Liquor, etc.), 2119 W 48th & Hoyne av, Chicago, Ill.
 Roper J. L. Lumber Co. (Tank Planks or Staves), Norfolk, Va.
 Russell Frank B. (Beer Staves), Louisville, Ky.
 Sandusky Cooperage & Lumber Co. (Hoops, Staves & Heading), Galion, O.
 Schinnerer Geo. (Slack Staves & Hoops), Columbus, Ind.
 Schweickhard Jacob (Hoops, etc), Tiffin, O.
 Skuse Cooperage (Slack), Rochester, N. Y.
 Southern Cooperage Co. (Slack Barrel Heading Keg Staves, etc), Claremont, Va.
 Southern Roller Stave & Heading Co. (Staves, Headings, etc), Elizabeth City, N. C.
 Sutherland, Innes Co. (Slack & Tight, Keg, Barrel, Hoghead, Pipe & Cask Staves), 29 B'way, New York
 Tennessee Hoop Co. (Coiled Elm Hoops), Memphis, Tenn.
 Trexler Cooperage Co. (Slack), Allentown, Pa.
 Union City Hoop & Lumber Co. (Coiled Elm Hoops), Union City, Ind.
 Union Cooperage Co. (Light Cooperage for all Purposes), 2d & Penrose, St. Louis, Mo.
 Union Lumber & Barrel Co. (Barrel Heads & Staves), Union, Me.
 Vail Cooperage Co. (Slack Barrels, Staves & Hoops), Ft. Wayne, Ind.
 Van Aken C. M. Cooperage Co. (Slack Barrel Staves & Heading, Elm Hoops for Flour, Sugar, Lime, Cement, Fruit, etc), 141 B'way, New York
 Voltermann F. H. (Tight, White & Red Oak, Ash, Gum & Cypress), Brownsville, Tenn.
 Walsh Mfg. Co. (Keg & Barrel Hoops & Staves), 72 S 9th, Pittsburgh, Pa.
 Wamsley A. S. (Hoops), Stout, O.
 Wauseon Lumber & Supply Co. (Hoops), Wauseon, O.
 Welch Stave & Heading Co. (Beer Keg Staves & Heading), Monterey, Tenn.
 Western Cooperage Co., Portland, Ore.
 Whitehouse & Dyer (Slack & Tight), Columbia, Tenn.
 Williams H. D. Cooperage Co. (Slack & Tight), Leslie, Ark.
 Williams S. C. & Co. (Slack, for Pottery Packages), East Liverpool, O.
 Wilson-Wrape W. W. Stave Co. (Tight, Specialty Whiskey Staves), Little Rock, Ark.
 Winant Cooperage Co. (Slack & Tight), 90 West, New York
 Wylie J. T. & Co. (Slack), Saginaw, Mich.

3169— Cooper's Supplies

Hynson Tool & Supply Co. (Tools & Supplies), 4758 Easton av, St. Louis, Mo.

3170— Coops (Poultry)

Bumpass Coop Co. (Brood), Bumpass, Va.
 Defiance Box Co. ("New Royal," "Sites"), Defiance, O.
 Defiance Welding Co. (Steel Feeding), Defiance, O.

Delphos Mfg. Co. (Galvanized), 1st & Pierce, Delphos, O.
Excelsior Stone & Mfg. Co., Quincy, Ill.
Foster Sheet Metal Co. (Galvanized), Springfield, Ill.
Hawkeye Pump Co. (Brood), Fairfield, Ia.
Hornbrook-Price Co. (Brood), 1970 Madison av, Indianapolis, Ind.
Kretchmer Mfg. Co., Council Bluffs, Ia.
Niemann Bros. (Brood), Mt. Olive, Ill.
Northwestern Stamping Co., Burlington, Ia.
Omaha Box Co., Omaha, Neb.
Otsellic Mfg. Co. (Brood), Whitney Point, N. Y.
Reeves Mfg. Co., Dover, O.
Southern Coop Co. (Brood), Nashville, Tenn.
Superior Sheet Metal Works Co. (Metal), 3201 Roosevelt av, Indianapolis, Ind.
Timm C. G., Osceola, Neb.
Union Steel Products Co., Ltd. (Sanitary, All Steel), Albion, Mich.
United Steel & Wire Co. (Exhibition & Shipping), Battle Creek, Mich.
Weber & Kirch Mfg. Co., Keokuk, Ia.

Copal Gum Importers

See Varnish Gums

3170a—*Copaloy Bearing Metal

Michigan Smelting & Refining Co. (Copper), Detroit, Mich.
See adv index at end of book

Copper Angles, Channels, Etc.

See Brass & Copper Angles, Channels, etc.

3171—Copper (Bolt & Bar)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
American Smelting & Refining Co., 120 B'way, New York
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d av, Pittsburgh, Pa.
Rome Brass & Copper Co. (Hard & Soft Drawn Copper Bar), Rome, N. Y.
Tacoma Smelting Co., Tacoma, Wash.
Taunton-New Bedford Copper Co., Taunton, Mass.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
United States Reduction & Refining Co., Colorado Springs, Colo.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3172—Copper Bottoms

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co. (Pits & Flats), 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
MERCHANT & EVANS CO. (Pits & Flats), 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Copper & Brass Co., Detroit, Mich.
New Haven Copper Co., Seymour, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.
TRUMBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, No. Boston, Mass.
See adv index at end of book

3172a — Copper (Boron)

American Boron Products Co., Reading, Pa.

Copper (Braziers')

See Copper Bottoms

Copper Coils

See Pipe Bends & Coils

3173—*Copper Dealers

LEAVITT C. W. & CO., 34 Church, New York
See adv index at end of book

Copper Dealers (Sheet)

See Tin Plate, Metals, etc.

3174—Copper (Dynamo Brush)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Eureka Co., North East, Pa.
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Michigan Copper & Brass Co., Detroit, Mich.
Rome Brass & Copper Co. (Brush & Battery Copper, Annealed or Hard), Rome, N. Y.
Taunton-New Bedford Copper Co., Taunton, Mass.

3175—Copper (Electric & Foil)

Benson H. K. & F. S., Glen-Ridge, N. J.

3176—Copper Fire Box Sheets

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hendricks Bros., 49 Cliff, New York
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
Michigan Copper & Brass Co., Detroit, Mich.
Taunton-New Bedford Copper Co., Taunton, Mass.

3177—Copper for Commutator Bars

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Eureka Co., Northeast, Pa.
Hendricks Bros., 49 Cliff, New York
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book
Taunton-New Bedford Copper Co., Taunton, Mass.
Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3178—Copper (Manganese)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
American Alloys Co., American bldg, Baltimore, Md.
Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus", 10%, 20%, 30%), N S Pittsburgh, Pa.
See adv index at end of book
Electric Smelting & Aluminum Co., Lockport, N. Y.
Lang R. F. ("Royal"), 8 Bridge, New York
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Riverside Metal Co., Riverside, N. J.
Roessler & Hasslacher Chemical Co., 100 William, New York
United States Reduction Co., E Chicago, Ind.

Copper, Ores, Mattes & Bullion

See Ores, Copper

3179—Copper (Polished)

Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
New Haven Copper Co., Seymour, Conn.
Taunton-New Bedford Copper Co., Taunton, Mass.

3180—Copper Refiners (Electrolytic)

American Smelting & Refining Co., 120 B'way, New York; Works: Perth Amboy, N. J.
Anaconda Copper Mining Co., Anaconda, Mont.
Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Clendenin Bros., Central av & Fawn, Baltimore, Md.
Nichols Copper Co., 25 Broad, New York
Raritan Copper Works, 42 B'way, New York
Seligman Arthur, 165 B'way, New York
Tacoma Smelting Co., Tacoma, Wash.
U. S. Metals Refining Co., 120 B'way, New York

3181—Copper (Roll)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.
Michigan Copper & Brass Co., Detroit, Mich.
National Brass & Copper Co., Lisbon, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
TRUMBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3182—*Copper (Scrap)

LEAVITT C. W. & CO., 34 Church, New York
See adv index at end of book

Copper (Sheet)

See Copper & Brass Sheet

3183—Copper Sheets (Cold Rolled & Annealed)

Taunton-New Bedford Copper Co., Taunton, Mass.

3184—Copper (Silicon)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
DAMASCUS BRONZE CO. ("Damascus Guaranteed" 10%, 20%, 30%) N S Pittsburgh, Pa.
See adv index at end of book
Electric Smelting & Aluminum Co., Lockport, N. Y.
Lang R. F. ("Royal"), 8 Bridge, New York
LEAVITT C. W. & CO., 34 Church, New York
See adv index at end of book
Roessler & Hasslacher Chemical Co., 100 William, New York

3185—Copper Sulphate

See also Chemicals, Battery

American Smelting & Refining Co., 120 B'way, New York
Beer, Sondheimer & Co., 61 B'way, New York
Fergusson Bros., 109 Chestnut, Phila., Pa.
General Chemical Co. (Blue Stone), 25 Broad, New York
Irvington Smelting & Refining Works, Irvington, N. J.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Nichols Copper Co., 25 Broad, New York
Partola Mfg. Co., 201 E 10th, New York
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

3186—Copper (Tinned)

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.
Hussey C. G. & Co., 2850 2d, Pittsburgh, Pa.

Copper Tubes

See Tubing, Brass & Copper

3187—Copper Ware (Stamped, Plated, Etc.)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
 Burton W. J. Co. (Tea Kettles), Junction & Leavitt avs, Detroit, Mich.
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 Lisk Mfg. Co. (Ltd.) ("Lisk" Nickel Plated), Canandaigua, N. Y.
 Manning, Bowman & Co., Meriden, Conn.
 Ray Geo. A. Mfg. Co., Buffalo, N. Y.
 Rochester Stamping Co. ("Royal Rochester"), Rochester, N. Y.
 Rome Mfg. Co. ("Rome" Tea Kettles, Coffee Pots, Boilers, etc.), Rome, N. Y.
 Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

3188—Copper Work (Dyers')

American Copper & Brass Works, Cincinnati, O.
 Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
 Grebenzik H. & Son, N Paterson, N. J.
 Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
 Rome Metal Co., Rome, N. Y.
 Taunton-New Bedford Copper Co., Taunton, Mass.
 Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

3189—Copper & Brass (Sheet)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 Baltimore Copper Smelting & Rolling Co. (Copper Only), Canton, Baltimore, Md.
 Besly Chas. H. & Co. (Jobbers), 120-H N Clinton, Chicago, Ill.
 Bridgeport Brass Co., Bridgeport, Conn.
 Bristol Brass Co. (Brass Only), Bristol, Conn.
 Champion Metals Co., 446 N La Salle, Chicago, Ill.
CHASE METAL WORKS, Waterbury, Conn.
CHASE ROLLING MILL CO., Waterbury, Conn.
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.
 Gardner B. M. Co., Citizens' bldg, Cleveland, O.
 Hendricks Bros. (Copper Only), 49 Cliff, New York
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
 Hussey C. G. & Co. (Copper Only), 2850 2d, Pittsburgh, Pa.
 Manhattan Brass Co., 333 E 26th, New York
 Marwedel C. W., 76 1st, San Francisco, Cal.
MERCHANT & EVANS CO. (Jobbers), 2035 Washington av, Phila., Pa.
See adv index at end of book
 Michigan Copper & Brass Co., Detroit, Mich.

National Brass & Copper Co. (Copper Only), Lisbon, O.
 New Haven Copper Co. (Copper Only), Seymour, Conn.
 Philadelphia Brass Co., East Downingtown, Pa.
 Pilling Brass Co. (Thin Gauges for Platers, etc.), Waterbury, Conn.
 Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn.
 Randolph-Clowes Co., Waterbury, Conn.
 Riverside Metal Co. (Brass Only), Riverside, N. J.
 Rome Brass & Copper Co., Rome, N. Y.
SCOVILL MFG. CO. (Brass Only), Waterbury, Conn. *See adv index at end of book*
 Selby Smelting & Lead Co. (Copper), 201 1st, San Francisco, Cal.
 Seymour Mfg. Co., Seymour, Conn.
 Stamford Rolling Mills Co., Springdale, Conn.
 Taunton-New Bedford Copper Co. (Copper Only), Taunton, Mass.
TRUMBOUR-WHITEHEAD BRASS & COPPER CO., 309-311 Canal, New York, & 43 N 7th, Phila., Pa.
See adv index at end of book
 Twentieth Century Brass Works (Brass), 231 Fifth av, S. Minneapolis, Minn.
 Waterbury Rolling Mills (Brass), Waterbury, Conn.
WHITEHEAD METAL PRODUCTS CO., 67-73 Washington, North Boston, Mass.
See adv index at end of book

3190—Copperas

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
 Butterworth-Judson Co., Av R, Newark, N. J.
 Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
 General Chemical Co., 25 Broad, New York
 Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*
 Hillier's R. Sons Co. (Powdered), 100 William, New York
 Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
 Keystone Steel Wire Co., Peoria, Ill.
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York
 National Zinc Co., Kansas City, Kans.
 Ohio Seamless Tube Co., Shelby, O.
 Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
 Powers-Weighman-Rosengarten Co., 916 Parrish, Phila., Pa.
 Riverside Acid Works, Warren, Pa.
 Western Chemical Mfg. Co., Denver, Col.
WESTMORELAND CHEMICAL & COLOR CO., 925 Chestnut, Phila., Pa.
 Wiarda John C. & Co., (Jobbers), 273 Greene, Brooklyn, N. Y.

3191—Coppers (Battery)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 Beattie Zinc Works Co., Reading, Mass.

Bryant Mfg. Co., 456 W Ontario, Chicago, Ill.
 Bryant Zinc Co., 600 Orleans, Chicago, Ill.
 Edes Mfg. Co., Plymouth, Mass.
 Eureka Co., North East, Pa.
 Fox Jno. M. & Co., Portland, Me.
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Manhattan Elec. Supply Co., 17 Park pl, New York
 Pearce Fred'k Co., 18 Rose, New York

3192—Coppersmiths

See also Boilers, Range, Copper
 Ahlers & Gregoire, Louisville, Ky.
 American Copper & Brass Works, Cincinnati, O.
 Ames & Ginty, Hereford, Boston, Mass.
 Aufruchtig Alois, 220 Lombard, St. Louis, Mo.
 Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
 Baeuerle & Morris, 932 N Front, Phila., Pa.
 Baizley Jno. Iron Works, 514 S Delaware av, Phila., Pa.
 Bertelsen & Petersen Eng. Co., 256 Border, Boston, Mass.
 Blessing C. A., 516 Montgomery av, Phila., Pa.
 Boston Copper Works Co., E Boston, Mass.
 Burroughs R. A. & Co., Norfolk, Va.
 Clad V. & Sons, 16th & Callowhill, Phila., Pa.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

**WIRE
RODS
SHEETS**

BRASS & COPPER

**SEAMLESS
AND
BRAZED
TUBES**

**PHOSPHOR BRONZE and GERMAN SILVER
RIVETS—BOLTS and NUTS—NAILS—SCREWS**

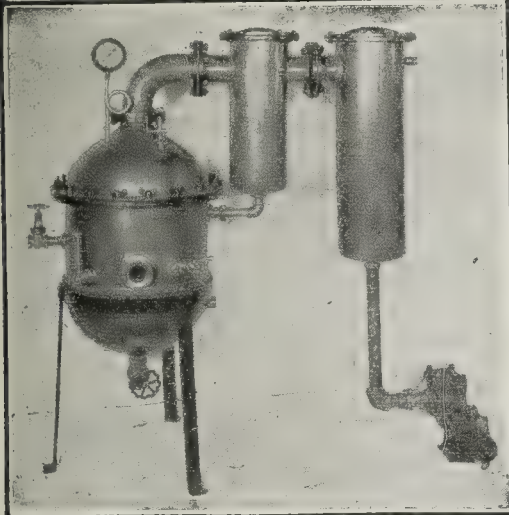
LARGE STOCK IN BOSTON AND NEW YORK

WHITEHEAD METAL PRODUCTS CO.
 67-73 WASHINGTON ST., NORTH
 BOSTON MASS.

TRUMBOUR-WHITEHEAD BRASS & COPPER CO.
 309-311 CANAL ST. NEW YORK and
 43 NORTH SEVENTH, PHILADELPHIA, PA.

Columbia Heater Co., Paterson, N. J.
Cooper B. & Son, 910 E Baltimore, Baltimore, Md.
Corcoran Matt & Co., Louisville, Ky.
DAHLQUIST MFG. CO., 40 W 3rd, South Boston, Mass.
See adv index at end of book
East Side Copper Works, 353 E 31st, New York
Emory P. P. Mfg. Co., Springfield, Mass.
Engel & Kirchheiner, 1611 Thames, Baltimore, Md.
Flynn Bros., Hoboken, N. J.
Flynn Wm. S., 76 Hudson, Jersey City, N. J.

Coppersmiths



**Pans, Kettles,
Coils, Stills,
Evaporators,
Etc.**

GERDES & CO.

42 Church St., New York City

Gerstein Bros. & Copper, 3 W 3d, S Boston, Mass.
Griscom-Russell Co., 92 West, New York
See adv index at end of book
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Hensel E. R. Steel & Copper Co., Security bldg, St. Louis, Mo.
Hicks S. D. & Son, 9 Bowker, Boston, Mass.
Hines & Ritchey, Louisville, Ky.
Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, Ohio
Hubert Jno., 1714 Thames, Baltimore, Md.
Ingram W. H., 106 N 3d, Phila., Pa.
Jeffers Wm., 77 Joy, Boston, Mass.
Kavanagh Jos. Co., Pratt & Central av, Baltimore, Md.
Kearney P. H. & Sons, 504 W 27th, New York
Keller George, 1051 Wyckoff av, Brooklyn, N. Y.
Kopperman Jos. & Sons, 307 Florist, Phila., Pa.
Krenz Oscar Copper & Brass Wks., Inc., 431 Folsom, San Francisco, Cal.
Langsenkamp F. H., Indianapolis, Ind.
McMillan Bros., Savannah, Ga.
Manchester J. B. Co., 190 Eddy, Providence, R. I.
Maryland Coppersmith Co., 3831 Eastern av, Baltimore, Md.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Moriarty G. J., 28 Harvard, Boston, Mass.
Murphy & O'Brien, 5512 Detroit, Cleveland, O.
Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.
Oat Jos. & Sons, 230 Quarry, Phila., Pa.
Oregon Sheet Metal Works, Portland, Ore.
Ott Geo. F. Co., 221 Buttonwood, Phila., Pa.
Pacific Copper Wks., 85 Minna, San Francisco, Cal.
Petterson Edward, 231 South, New York
Phila. Coppersmithing Co., 222 N Front, Phila., Pa.
Providence Coppersmithing Co., 58 Point, Providence, R. I.
Rider-Bagg Co., Springfield, Mass.
Rome Brass & Copper Co., Rome, N. Y.
Roos Aug. Sons, 429 E 91st, New York
Schaefer Emil, 1322 N 5th, Phila., Pa.
Scheubner Herman J., 424 E 110th, New York
Seattle Construction & Dry Dock Co., Seattle, Wash.
Seibel-Suessdorf Copper & Iron Mfg. Co., 3rd & Lombard, St. Louis, Mo.
SHAW BENJ. F. CO., 501 E 2nd, Wilmington, Del. *See adv index at end of book*
Smith C. W. Copper Wks., 16 Washington, San Francisco, Cal.
Stender Coppersmith Co., 2932 Smallman, Pittsburgh, Pa.
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.
Strater Herman & Sons, 74 Sudbury, Boston, Mass.
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
Trageser Jno. Steam Copper Works, 447 W 26th, New York
Walker James & Son, 76 Jefferson av, Detroit, Mich.
Watkins Jas. Y. & Son, 20 Catherine, N. Y.

3192a—"Copperweld" Copper Clad Steel Wire.

PAGE WOVEN WIRE FENCE CO. ("Copperweld"), Monessen, Pa.
See adv index at end of book

3192b—*Cupra

ELBERT & COMPANY (Imp), 71 Wall, New York

Copying Apparatus

See Duplicators; also Presses, Copying

3193—Copying Press Sheets (Rubber)

Goodrich B. F. Co., Akron, O.

3194—Cord (Rubber)

Boston Belting Co., 84 Linden Park st, Boston, Mass.
Boston Woven Hose & Rubber Co., Cambridge, Mass.
Daval Rubber Co., 69 Point, Providence, R. I.
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
Peerless Rubber Mfg. Co., 31 Warren, New York
Revere Rubber Co., 60 High, Boston, Mass.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Cordage (Hemp)

See Twine, Hemp

3195—*Cordage (Tarred)

COLUMBIAN ROPE CO., 3050 Genesee, Auburn, N. Y. *See adv index at end of book*

3196—Cordage & Twine Mfrs.

See also Twine, Binder; also Rope, Various Kinds

American Mfg. Co., West Brooklyn, N. Y.
American Mills Co. ("American," "Irish Silver," "Sterling," "Winner," "Busy Bee," "Alimisco," "Gold Medal," "Sun," "999"), Atlanta, Ga.

Anniston Cordage Co. (Sash Cords, etc), Anniston, Ala.
Ashaway Line & Twine Mfg. Co. (Fish Lines & Cotton Seine Twines, etc), Ashaway, R. I.
Atkins & Pearce Mfg. Co. (Cotton), 5th & Eggleston av, Cincinnati, O.
Bailey John T. Co. (Hemp, Flax & Jute), Water & Morris, Phila., Pa.
Barrows Mfg. Co. (Cotton), Lansdale, Pa.
Beaumont Mfg. Co., Spartanburg, S. C.
Beebe Cordage Co., Rockaway, N. J.
Bibb Mfg. Co. (Cords, Twines & Lines), Macon, Ga.
Boehme & Rauch Co. (Rope, Twine & Cordage), Monroe, Mich.
Broderick & Bascom Rope Co. (Jobbers in Cordage Only), Main & Douglas, St. Louis, Mo.
Brownell Co. (Cotton Seine Twine), Moodus, Conn.
California Cotton Mills Co. (Cotton Rope & Twine), Oakland, Cal.
Canonchet Line & Twine Co. (Twine), Canonchet, R. I.
Cating Rope Works, Maspeth, N. Y.
Central Mills Co. (Cotton Twine), Southbridge, Mass.
Chelsea Fibre Mills (Flax, Jute, etc), 212 5th av, New York. Factory: Brooklyn, N. Y.
Cleveland Mill & Power Co. (Cotton Twine), Lawndale, N. C.
Cohankus Mfg. Co. (Cotton Rope, etc), Paducah, Ky.
COLUMBIAN ROPE CO. (Oil Well & Tarred Cordage & Jute & American Hemp, Twine, etc), 3050 Genesee, Auburn, N. Y. *See adv index at end of book*
De Grauw, Aymar & Co., 34 South, New York
Dolphin Jute Mills (Jute, etc), Paterson, N. J.
Draper W. H. & Son (Cotton Twine, etc), Troy, N. Y.
Elder Jas. (Cotton Cordage), 230 W Coulter, Philadelphia, Pa.
Empire State Bag Co. (Flax & Jute), 760 Wythe av, Brooklyn, N. Y.
Estes Mills (Twine), Fall River, Mass.
Fittler Edwin H. Co., 517 Arch, Phila., Pa.
Flocker Jno. & Co. (Ltd.), 957 Liberty, Pittsburgh, Pa.
Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.
Fricke J. E. Co., 247 Market, Phila., Pa.
Fulton Bag & Cotton Mills (Cotton Twine, etc), Atlanta, Ga.
Gloucester Net & Twine Co. (Cotton Twine), Gloucester, Mass.
Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent), (Jute Rope, Cord & Twine), 320 B'way, New York
Groendyke J. C., 8 S Dearborn, Chicago, Ill.
Hanover Cordage Co., Hanover, Pa.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
Holden James (Cotton), Fall River, Mass.
Hooper Sons Mfg. Co. (Cotton), Juniper & Cherry, Phila., Pa.
Hooven & Allison Co. (Manilla, Sisal, Hemp & Jute, Baling, Wrapping, Sail, Commercial, etc), Xenia, O.
Humboldt Cotton Mills (Cotton), Humboldt, Tenn.
Jackson Thos. & Son Co. (Manilla, Sisal & Jute Rope, Cordage & Twine), Reading, Pa.
January & Wood Co., Maysville, Ky.
Johnson R. Yarn & Cordage Mills (Cotton Twine), Madison, Ind.
Kelly R. A. Co. (Sisal, Manila & New Zealand), Xenia, O.
Kentucky River Mills (Hemp Binder & Commercial Twines), Frankfort, Ky.
Knox W. & J. Net & Twine Co. (Twine), cor Calvert & Lombard, Baltimore, Md.
Lambeth Rope Corporation (Cotton), New Bedford, Mass.
Lawrence Duck Co. (Cotton Twine), Lawrence, Mass.
Lees Mfg. Co. (Cotton), Westport, Conn.
Linen Thread Co. (Cotton, Flax, Hemp & Jute Twines), 96 Franklin, New York
Little River Mfg. Co. (Cotton Twine), Willardville, N. C.
Mallison Braided Cord Co. (Cotton), Athens, Ga.
Meagher's Jas. Sons (Jute or Flax Cordage), 1625 San Bruno, San Francisco, Cal.
Montgomery Cordage Co., Montgomery, Ala.

Neptune Twine & Cord Mills, Moodus, Conn.
 New Bedford Cordage Co., New Bedford, Mass.
 New York Net & Twine Co., Moodus, Conn.
 Oakdale Cotton Mills (Cotton), Jamestown, N. C.
 Peoria Cordage Co., Peoria, Ill.
 Peter & Guckenberger, 1205 Budd, Cincinnati, O.
 Pioneer Cotton Mills (Cotton), Guthrie, Okla.
 Plymouth Cordage Co. (Cordage & Binder Twine), North Plymouth, Mass.
 Portland Cordage Co. (Flax Cordage & Binder Twine), Portland, Ore.
 Puritan Cordage Mills (Cotton Rope, etc), Louisville, Ky.
 Purple A. E. (Cotton Seine Twine), Moodus, Conn.
 Radcliffe & Shaw Co. (Jute Twine & Rope), Glen Rock, Pa.
 Rauschenberger John Co. (Flax, Hemp, Jute, Hair, etc), 87 W Water, Milwaukee, Wis.
 Rinek Cordage Co. (Cordage Only), Easton, Pa.
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 St. Louis Cordage Mills ("American" & "Trojan"), 1715 S 11th, St. Louis, Mo.
 Samson Cordage Works, 88 Broad, Boston, Mass.
 Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.
 Silver Lake Co. ("Silver Lake," "Eddy-stone," "Wearwell," Braided Cordage, etc), Newtonville, Mass.
 Smith & Dove Mfg. Co. (Flax Twine), Andover, Mass.
 Southern Mills Corp. (Cotton Cordage), Oxford, Ala.
 Tallassee Falls Mfg. Co. (Cotton), Tallassee, Ala.
 Uhler & English, 106 N Delaware, Phila., Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book
 Upson-Walton Co. of N. Y., The, 291 B'way, New York
See adv index at end of book
 Westport Mfg. Co. (Cotton Wrapping Twine), Westport, Mass.
 Whitlock Cordage Co., 46 South, New York
 Winne F. W. & Son, 237 Market, Phila., Pa.
 Yocona Cotton Mills (Cotton), Water Valley, Miss.
 Young John B. (Cotton), J & Levick, Phila., Pa.

3196a— *Cordeau

du Pont E. I. de Nemours & Co., Wilmington, Del.
For branch offices see adv index at end of book

Cords (Arc Lamp)

See Cords, Trolley, Arc Lamp & Bell

3197—Cords (Cable, Cotton)

American Mfg. Co., Noble, Brooklyn, N. Y.
 Bailey John T. Co., Water & Morris, Phila., Pa.
 Bibb Mfg. Co., Macon, Ga.
 Brownell Co., Moodus, Conn.
 Cable Flax Mills, Schaghticoke, N. Y.
 Chaffee Mfg. Co., Willimantic, Conn.
 Cleveland Mill & Power Co., Lawndale, N. C.
 Dexter Yarn Co., Pawtucket, R. I.
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
 Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.
 Indian Orchard Co., Indian Orchard, Mass.
 International Braid Co., 47 Charles, Providence, R. I.
 Johnston & Co., 35 Worth, New York
 Jonesboro Yarns Mills Co., Jonesboro, Tenn.
 Lees Mfg. Co., Westport, Conn.
 McComeskey Thomas, 3731 Frankford av, Phila., Pa.
 Neptune Twine & Cord Mills, Moodus, Conn.
 New York Net & Twine Co., Moodus, Conn.
 Nims Mfg. Co., Mt. Holly N. C.
 Oakdale Cotton Mills, Jamestown, N. C.
 Oxford Cotton Mills, Oxford, N. C.

Purple Albert E., Moodus, Conn.
 Southern Mills Corp., Oxford, Ala.
 Turner & Stanton Co., Norwich, Conn.
 Unity Cotton Mills, La Grange, Ga.
 Yocona Mills, Water Valley, Miss.

3198— Cords (Clock)

Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.

3199—Cords (Flexible, Lamp, Etc.)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.

AMERICAN STEEL & WIRE CO. (Steel Wire), 208 S La Salle, Chicago, Ill.

See adv index at end of book

Belden Mfg. Co. ("Beldenite"), 2316 S Western av, Chicago, Ill.

Bishop Gutta-Percha Co., 420 E 25th, New York

Boston Insulated Wire & Cable Co., Boston, Mass.

Chicago Insulated Wire Co., 53 W Jackson blvd, Chicago, Ill.

Detroit Insulated Wire Co., Detroit, Mich.

Ferrin F. M. (Woven Covered), 45 Arch, Boston, Mass.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Goodyear Rubber Insulating Co., 105 E 131st, New York

Indiana Rubber & Insulated Wire Co., P O Box 192, Jonesboro, Ind.

Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York

Lowell Insulated Wire Co., Lowell, Mass.

McEvoy Chas. H. ("Duro"), Lowell, Mass.

Marion Insulated Wire & Rubber Mfrs., Marion, Ind.

Monarch Electric & Wire Co. ("Monarch"), 622 W Adams, Chicago, Ill.

Moore Alfred F., 200 N 3d, Phila., Pa.

National India Rubber Co., Bristol, R. I.

OKONITE CO., 501 Fifth av, New York

See adv index at end of book

Premier Electric Co., 1123 S Wabash av, Chicago, Ill.

ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebing, N. J.

See adv index at end of book

Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.

Safety Insulated Wire & Cable Co., 114 Liberty, New York

Standard Underground Cable Co., Pittsburgh, Pa.

Western Electric Co., 463 West, New York

Cords (Incandescent Lamp)

See Cords, Flexible, Lamp, etc.

3200—Cords (Leather, Bell or Register)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.

Jewell Belting Co., Hartford, Conn.

Ladew Edw. R. Co., 54 Franklin, New York

National Leather Mfg. Co. (Surface & Oak, Tan, Flat & Round), Niles, Mich.

Page Belting Co., Concord, N. H.

Ranville F. Co., Grand Rapids, Mich.

Rhoads J. E. & Sons, 12 N 3d, Phila., Pa.

Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.

Williams I. B. & Sons, Dover, N. H.

Cords (Picture, Braided)

See Cords, Sash

3201—Cords (Picture, Wire)

Draper W. H. & Son, Troy, N. Y.

Hendryx Andrew B. Co., New Haven, Conn.

Parker Wire Goods Co. (Braided & Twisted Wire), Worcester, Mass.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.

See adv index at end of book

Turner & Stanton Co., Norwich, Conn.

Wire Goods Co. (Braided), Worcester, Mass.

WRIGHT WIRE CO. ("Excelsior Brand" Braided Wire), Worcester, Mass.

See adv index at end of book

3202— Cords (Sash)

American Mfg. Co. (Hemp), Noble, Brooklyn, N. Y.

Anniston Cordage Co. (Braided), Anniston, Ala.

Beebe Cordage Co., Rockaway, N. J.

Cohankus Mfg. Co. ("Braided"), Paducah, Ky.

Draper W. H. & Son (Twisted Cotton), Troy, N. Y.

Estes Mills ("Alba," "Star"), Fall River, Mass.

Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.

Fricke J. E. Co. ("Jefferson" Solid Braided Cotton), 247 Market, Phila., Pa.

Granite Cordage Co. (Braided), Granite Falls, N. C.

Hodson John M., Boone & Markle, Phila., Pa.

Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.

Hooper Sons Mfg. Co. (Braided), Juniper & Cherry, Phila., Pa.

Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.

Hooven & Allison Co., Xenia, O.

Mallison Braided Cord Co. (Braided), Athens, Ga.

Peter & Guckenberger, 1205 Budd, Cincinnati, O.

Puritan Cordage Mills ("Regal Braid," Blue Strand), Louisville, Ky.

St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.

Samson Cordage Works (Braided, etc), 88 Broad, Boston, Mass.

Schlichter Jute Cordage Co. (Jute), 20 N Front, Phila., Pa.

Silver Lake Co. ("Silver Lake," "Eddy-stone" Braided, etc), Newtonville, Mass.

Southern Mills Corp. (Braided), Oxford, Ala.

Toohy M. J. & Co., Fall River, Mass.

Whittier Mills Co. ("U. S." Cotton Braided), Chattanooga, Ga.

3203—Cords (Telephone & Switchboard)

See also Wire, Insulated

American Electrical Works, Phillipsdale, R. I.

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.

McEvoy Chas. H. ("Duro"), Lowell, Mass.

Moore Alfred F., 200 N 3d, Phila., Pa.

Premier Electric Co., 1123 S Wabash av, Chicago, Ill.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.

See adv index at end of book

Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

Western Electric Co., 463 West, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

3204—Cords (Tinsel & Copper)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

Binns Patent Band Co. (Tinsel), 1842 Gtn av, Phila., Pa.

Bishop Gutta-Percha Co., 420 E 25th, New York

Moore Alfred F., 200 N 3d, Phila., Pa.

Premier Electric Co., 1123 S Wabash av, Chicago, Ill.

Western Electric Co., 463 West, New York

3205—Cords (Trolley, Arc Lamp & Bell)

Bibb Mfg. Co., Macon, Ga.

Cohankus Mfg. Co., Paducah, Ky.

Fricke J. E. Co. ("Jefferson," Solid Braided), 247 Market, Phila., Pa.

Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.

International Register Co., 15 Throop, Chicago, Ill.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Mallison Braided Cord Co., Athens, Ga.

ROEBLING'S JOHN A. SONS CO. (Arc Lamp & Bell), Main Office, Trenton, N. J. Works: Trenton, & Roebbling, N. J. *See adv index at end of book*
Samson Cordage Works, 88 Broad, Boston, Mass.
Silver Lake Co. ("Silver Lake," "Wearwell," Braided), Newtonville, Mass.
Southern Mills Corp. (Braided), Oxford, Ala.
Whittier Mills Co. ("U. S. Spiral Waterproof"), Chattahoochee, Ga.

3206—Core Prints (Wood)

Standard Supply Co., Quincy, Ill.
Wadsworth Core Machine & Equipment Co., Akron, O.

3207—*Core Room Equipment

DOPP J. W. & CO. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.

3208—Core Testing Apparatus

Wadsworth Core Machine & Equipment Co., Akron, O.

Core Wash

See Compounds, Core

3209—Corers (Cabbage)

See also Corers, Fruit & Vegetable
Johnson Wm. (Hedenberg Works), Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.

3210—Corers (Fruit & Vegetable)

Central Stamping Co. ("Puritan" Apple), 172 Fulton, New York
Cronk & Carrier Mfg. Co. ("New Idea" Apple), Elmira, N. Y.
Fischer Bros. & Corwin, 635 N 3d, Newark, N. J.
Forsyth Metal Goods Co., E Aurora, N. Y.
GEUDER, PAESCHKE & FREY CO. (Apple), Milwaukee, Wis.
See adv index at end of book
Goodell Co. (Fruit Parers, Slicers, etc), Antrim, N. H.
Hamblin & Russell Mfg. Co. (Fruit), Worcester, Mass.
Houchin Thomas W. Co., 38 E 21st, New York
Hudson Parer Co. (Fruit), Leominster, Mass.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Lalance & Grosjean Mfg. Co., 299 B'way, New York
Landers, Frary & Clark ("Rapid"), New Britain, Conn.
Lewis E. J. (Pineapple), Middleport, N. Y.
National Enameling & Stamping Co. ("Gem" Apple), 411 5th av, New York
Parker Wire Goods Co. (Apple), Worcester, Mass.
Rollman Mfg. Co. (Ltd.), ("Rollman" Apple) Mount Joy, Pa.
White Ira F. & Son Co. (Apple Corer & Parer), Bloomfield, N. J.

3211—Cores (Armature & Magnet)

Bunnell J. H. & Co., 32 Park pl, New York
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.
Cleveland Armature Works, 4736 St. Clair av, Cleveland, O.
See adv index at end of book
Hartford Machine Screw Co., Hartford, Conn.
Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3212—*Cores (Button, Platen, Tassel, Etc.)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

3213—Cores (Electric Furnace)

Norton Co. ("Norton," Alundum), Worcester, Mass.

3215—Cork Carpets

See also Linoleum Mfrs

American Linoleum Mfg. Co. (In Five Colors), 366 5th av, New York
Armstrong Cork Co., Lancaster, Pa.
Blabon Geo. W. Co., 21st & Hunting Park av, Phila., Pa.
Cook's Linoleum Co. ("Cooks"), Trenton, N. J.
Farr & Bailey Mfg. Co., Camden, N. J.
Nairn Linoleum Co., Kearny, N. J.
Potter Thos. Sons & Co., N 2d & Erie av, Phila., Pa.
Scott & West Co. ("Corkoline"), 9 E 40th, New York

3216—Cork Chips

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

Cork (Granulated, for Insulation)

See Insulation, Cork

3217—Cork (Ground)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

3218—Cork Mfrs.

American Cork Co., 16 Blackstone, Boston, Mass.
Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
Biertuempfel Bros. Cork Co., 37 Av L, Newark N. J.
Brauer Justus & Son, 129 Arch, Phila., Pa.
Cahn Hugo & Co., 257 W 17th, New York
Century Cork Co., 220 W 19th, New York
Chicago Cork Works Co., 630 S Wabash av, Chicago, Ill.
Cork Mfg. Co., 186 Van Brunt, Brooklyn, N. Y.
Diamond Cork Co., 59 Pearl, New York
Farrell W. J., 115 Maiden la, New York

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International Cork Co., 99 Sutton, Brooklyn, N. Y.
McCready R. W. Cork Co., 344 W Illinois, Chicago, Ill.
Milton Cork Co., 42 Wilson, B'klyn, N. Y.
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
Newark Cork Products Co., 245 N. J. R. R. av, Newark, N. J.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
Paddock J. H. Co., 219 36th, Brooklyn, N. Y.
Redlich Mfg. Co., 637 W Oak, Chicago, Ill.
Spanish-American Cork & Specialty Co. ("Saco"), Westport, Baltimore, Md.
Truslow & Fulle, 42 Wilson, Brooklyn, N. Y.
Williamsburg Cork Works, 50 Church, New York

3219—Cork Preparing Outfits

U. S. Bottlers' Machinery Co. ("Simplex"), 1033 W Lake, Chicago, Ill.

3220—Cork (Scouring)

Paddock Cork Co. ("Eureka" Cork Felt), 1209 De Kalb av, Brooklyn, N. Y.

3221—Cork Screws

Arcade Mfg. Co., Freeport, Ill.
Browne W. G. Mfg. Co., Kingston, N. Y.
Browne & Dowd Mfg. Co., Meriden, Conn.
Clough Rockwell Co., Alton, N. H.
Dawson J. R. Mfg. Co., Fairhill Sta., Phila., Pa.
Deuse J. S., Chester, Conn.

Erie Specialty Co. ("Quick & Easy," "Walkers," Self-Pulling), 520 W 12th, Erie, Pa.

Graef & Schmidt (Imported), 107 Chambers, N. Y.

Havell Mfg. Co., 284 Washington, Newark, N. J.

Humason & Beckley Mfg. Co. (Cast Steel), New Britain, Conn.

Meriden Cutlery Co. ("Anvil"), Meriden, Conn.

Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

Parker Chas. Co., Meriden, Conn.

Ross Jos. & Co., Irvington, N. J.

SMITH & HEMENWAY CO. ("Peerless" "Reliable"), 76 Chambers, New York *See adv index at end of book*

Taylor Mfg. Co., Hartford, Conn.

Wallace R. & Sons Mfg. Co., Wallingford, Conn.

Williamson C. T. Wire Novelty Co. ("Williamson" Self-Acting Combination, also Small Wire Cork-Screws), Badger av, Newark, N. J.

3222—Corks (Crown)

Bond Bottle Sealing Co. ("Bond Crown"), 501 Monroe, Wilmington, Del.

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.

Diamond Cork Co., 59 Pearl, New York
Farrell W. J., 115 Maiden la, New York

Gutmann Ferdinand Co., 134 W 29th, New York

King Cork & Seal Co., 8th & Fayette, Baltimore, Md.

Metal Seal & Decorating Co., 525 W 54th, New York

Mundet L. & Sons, Ferris, Brooklyn, N. Y.

Rochester Pneumatic Crown Seal Co., Rochester, N. Y.

Spanish-American Cork & Specialty Co., Westport, Baltimore, Md.

Sterling Cork & Seal Co., Hawthorne, Toledo, O.

U. S. Bottle Stopper Co., 99 Maiden la, New York

Western Stopper Co., 424 9th, San Francisco, Cal.

Corks (Rubber)

See Stopples, Rubber

3223—Corks (Seine & Gill)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

3224—*Corks (Wood)

Estes E. B. & Sons (Fishing Jug, Seine, etc.), 358 5th av, New York
See adv index at end of book

3225—Corkwood Importers

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

Bucknall, Scholtz & Co. (Corkwaste), 193 Water, New York

Farrell Francisco Llado & Co., 99 Maiden la, New York

Independent Cork Co., 81-83 Sedgwick, Brooklyn, N. Y.

See adv index at end of book

Paddock J. H. Co., 219 36th, Brooklyn, N. Y.

Truslow & Fulle, 42 Wilson, Brooklyn, N. Y.

3226—Corn Binders & Harvesters

International Harvester Company of America (Inc.) ("Deering," "McCormack," "Milwaukee," "Osborne") 703 Harvester bldg, Chicago, Ill.
See adv index at end of book

3227—Corn (Broom)

American Broom Supply Co., St. Louis, Mo.
American Broom & Brush Co., Amsterdam, N. Y.

American Warehouse Co., Wichita, Kan.

Arkell & Smiths, Canajoharie, N. Y.

Boggs Broom Corn Co., 1206 N Main, St. Louis, Mo.

Bolin-Hall Grain Co., Liberal, Kan.

Chambers M. W., Dayton, O.

Danner J., Humboldt, Ill.

Griffin Geo. B. & C. M., Charleston, Ill.

Gurley A. L. & Co., Clovis, N. Mex.

Harryman Bro., Wichita, Kan.

Hockett J. A. & Co., Wichita, Kan.

Josephie Geo. Co., 227 Water, New York
Kavanagh Bros. & Co., 1234 W Kinzie,
Chicago, Ill.
Lande S. & Co., 160 W Kinzie, Chicago,
Ill.
Lyons Thos. & Co., Arcola, Ill.
Marryman Geo. & Bros., Wichita, Kan.
New England Broom & Supply Co., 191
Forest Hills, Boston, Mass.
Oklahoma Broom Corn Warehouses, Lin-
coln, Neb.
Perry D. S. & Co., Urbana, O.
Phillips & Johnson, Mattoon, Ill.
Robinson W. F. & Son, Wichita, Kan.
Roseboom J. A. & Co., Mattoon, Ill.
Roseboom W. L. & Co., 3544 S Morgan,
Chicago, Ill.
Tarbox Broom Corn Co., Arcola, Ill.

3228—Corn Cookers & Fillers

Morrall Bros., Morrall, O.
Sprague Canning Machinery Co., 222 N
Wabash av, Chicago, Ill.

3229—Corn Cribs (Steel)

AMERICAN STEEL & WIRE CO. ("Amer-
ican," Galvanized Woven Wire), 208 S
La Salle, Chicago, Ill.
See adv index at end of book
Bayley Wm. Co. ("Bayley," "Springfield"
Steel), Springfield, O.
Bushnell Tank Works (Steel Portable),
Bushnell, Ill.
Butler Mfg. Co. ("B. M. C.," "Butler Com-
bination"), Kansas City, Mo.
Clippinger A. B. & Son ("Clippinger"),
Kansas City, Kan.
Denning Tractor Co. (Portable), Cedar
Rapids, Ia.
Dickelman Mfg. Co., Forest, O.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Harry O. K. Steel Co. ("O. K. Harry"),
2333 Papin, St. Louis, Mo.
Iron Crib & Bin Co. ("Marshall," "Free-
land" Galvanized Steel), Wooster, O.
Keystone Steel & Wire Co. (Portable),
Peoria, Ill.
Krechmer Mfg. Co. ("U. S." Galvanized
Iron & Steel), Council Bluffs, Ia.
Meadows Mfg. Co., Pontiac, Ill.
Pioneer Mfg. Co. ("Marshall" Galv'd
Steel), Middlebury, Ind.
Twin City Separator Co. (Wire Hood),
29th & Colfax av S, Minneapolis, Minn.
Walker Mfg. Co. ("Economy"), Council
Bluffs, Ia.

3229a—Corn Knives

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 B'way, New
York

3230—Corn Machines

See Machinery

3230a—*Corn Planters & Drills

*See Also Planters, Corn; Also Drills, Cotton
Planting*

**INTERNATIONAL HARVESTER COM-
PANY OF AMERICA (INC.)** (Inter-
national-C. B. & Q.), (Hoosier-Ken-
tucky Empire) Cotton Drills (Hoosier),
702 Harvester bldg, Chicago, Ill.
See adv index at end of book

3231—Corner, Base & Head Block Mfrs.

American Sash & Door Co. (Wholesale
Mfrs.), Kansas City, Mo.
Carr & Baal Co., Des Moines, Ia.
Carr, Ryder & Adams Co. (Wholesale
Mfrs.), Dubuque, Ia.
Carter-Phelps Mfg. Co., Keokuk, Ia.
Curtis Bros. & Co. (Wholesale Mfrs.), Clin-
ton, Ia.
Curtis & Yale Co. (Wholesale Mfrs.), Wau-
sau, Wis.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Foster-Munger Co. (For the Trade Only),
1404 W 37th, Chicago, Ill.
Gauger Jno. A. & Co. (For the Trade
Only), 1434 W 22d, Chicago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Gould Mfg. Co. (For the Trade Only),
Oshkosh, Wis.
Grand Rapids Lumber Co. (For the Trade
Only), Grand Rapids, Mich.
McMillen R. Co. (For the Trade Only),
Oshkosh, Wis.

Morgan Sash & Door Co., 2287 Blue Island
av, Chicago, Ill.
Paine Lumber Co. (Ltd.) (For the Trade
Only), Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Radford Sash & Door Co. (For the Trade
Only), 1827 Prairie av, Chicago, Ill.
Roberts Sash & Door Co. (For the Trade
Only), 920 W 20th, Chicago, Ill.
Rock Island Sash & Door Works (Whole-
sale Mfrs.), Rock Island, Ill.
Waddell Mfg. Co. Grand Rapids, Mich.
Western Sash & Door Co. (Wholesale
Mfrs.), Kansas City, Mo.
Zimmerman Chas. E., Syracuse, N. Y.

Corner Beads (Plastering)

See Plasterers' Steel Corner Beads

3232—Corner Brace & Couplings

Diehl Novelty Co. ("Big—4" for Storm
Houses, Porch Screens, Stiffening Box
Corners, etc), Glen Beulah, Wis.

3233—Corners (Box)

Brainerd Mfg. Co. (Also Chest), East
Rochester, N. Y.
Brass Goods Mfg. Co. (Also Chest), 533
Union, Brooklyn, N. Y.
CARY MFG. CO., Nassau & Jay, Brooklyn,
N. Y. *See adv index at end of book*
Dent Hardware Co., Fullerton, Pa.
Grammes L. F. & Sons, Allentown, Pa.
Hercules Metal Corner Co., Kingston, N. Y.
Horan Stay Hanger Co. (Crate Only), 1932
W Jefferson, Louisville, Ky.
Jenkinson R. C. & Co., 293 Washington,
Newark, N. J.
Richmond Pressed Metal Wks. (Trunk),
Stockton & 6th, Richmond, Va.
STANLEY WORKS, New Britain Conn.
See adv index at end of book

3234—Corners (Casket)

Waddell Mfg. Co., Grand Rapids, Mich.

3235—Corners (Metal Building)

Kees F. D. Mfg. Co. ("Kees"), Beatrice,
Neb.
Milwaukee Corrugating Co. ("Milcor"),
Milwaukee, Wis.
Reeves Mfg. Co., Dover, O.
Robbins H. G., Kewanna, Ind.
Shranger & Johnson ("Chief"), Atlantic,
Ia.

3236—Corners (Partition)

Western Brass Mfg. Works (Iron or
Brass), Marshall blvd & W 21st, Chi-
cago, Ill.

3237—Corners (Screen Frame)

ACKLIN STAMPING CO. (Stamped
Metal), 1659 Dorr, Toledo, O.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
Stearns E. C. & Co., 450 Oneida, Syracuse,
N. Y.
QUADRIGA MFG. & SPECIALTY CO.
(Galvanized Brass & Copper), 213 W.
Grand av, Chicago, Ill.
See adv index at end of book
Western Improvement Co. (& Moulding),
Minot, N. D.

3238—Corners (Table)

Weber-Knapp Co. (For Card Tables, etc),
Jamestown, N. Y.

Corners (Trunk)

See Corners, Box

3239—Cornice Brakes

Double Truss Cornice Brake Co., Buffalo,
N. Y.
Dreis & Krump Mfg. Co. ("Chicago"), 2911
S Halsted, Chicago, Ill.
Excelsior Tool & Machine Co., 32d &
Ridge, E St. Louis, Ill.
Falstrom & Tornquist Co., Passaic, N. J.
Garrison A. Foundry Co., 901 Bingham,
Pittsburgh, Pa.
Loy & Nawroth Co., 25 Runyon, Newark,
N. J.
McSherry Mfg. Co. (Hand Power), Pitts-
burgh, Pa.

MERCHANT & EVANS CO., 2035 Wash-
ington av, Phila., Pa.

See adv index at end of book

NIAGARA MACHINE & TOOL WORKS,
Buffalo, N. Y. *See adv index at end of book*
Ohl Geo. A. & Co. (Automatic Power, etc),
157 Oraton, Newark, N. J.
Peck, Stow & Wilcox Co., Southington,
Conn.
Robinson J. M. Mfg. Co. (Improved Double
Eccentric), Cincinnati, O.
Ryerson Jos. T. & Son (Hand & Geared
Power), 2558 W 16th, Chicago, Ill.

Cornice Copper Mfrs.

See Copper & Brass Sheet

3240—Cornices & Skylights

ALABAMA.

ANNISTON—Interstate Roofing & Foundry
Co.
BIRMINGHAM—East Birmingham Roof-
ing Co.
Spiro Hardware Co.
Wheelock George F. Co.
DECATUR—Brown W. A. & Co.
MOBILE—Partridge C. S. Hardware Co.
NEW DECATUR—Decatur Cornice & Roof-
ing Co. ("Titelock.")
OPELIKA—Galbraith W. A.
TALLADEGA—Michael Supply & Roofing
Co.

ARIZONA.

PHOENIX—Burtis D. H.
TUCSON—Julian W. A. Co.

ARKANSAS.

FORT SMITH—Bruce Bros.
HELENA—Helena Job Works
Helena Tin & Plumbing Co.
HOT SPRINGS—Hot Springs Plumbing &
Machine Co.
LITTLE ROCK—Fones Bros. Hardware Co.
Foster Hardware Co.
McCardell R. W.
PINE BLUFF—Fox Bros. Hardware Co.

CALIFORNIA.

BERKELEY—Berkeley Cornice Works
COLTON—Johnson M. M.
FRESNO—Barrett-Hicks Co.
Kutner-Goldstein Co.
GLENDAL—Reif H. A.
LOS ANGELES—American Cornice Works,
966 E 4th
Beseman E. J., 731 San Fernando
Brown E. & Co., 114 E 9th
California Cornice Works
Edwards N. M.
Gibbs Wm. H., 2948 W Pico
Keays A. A., 1228 E 9th
Metzger T. M.
National Cornice Wks, 1327 Channing
Panzer-Hamilton Co.
Pulfer L. E., 2771 S Vermont
United Cornice Works, 3306 S Main
PASADENA—Dunn W. H.
Munger & Munger
POMONA—Caldwell B. F.
RIVERSIDE—Copley Bros.
Shiels Bros.
SACRAMENTO—Ahl & McLaughlin
Blanchard A. H.
Earle Edw. E.
Scott, Lyman & Stack Co.
Sinclair & Bessey
SALINAS—Anderson & Dougherty
SAN DIEGO—Heilbron Fred A.
San Diego Sheet Metal Works
Toms & Blair Sheet Metal Co.
SAN FRANCISCO—Appmann Cornice Wks
128 Valencia
Conlin & Roberts, 414 Natoma
Cronan's Cornice Works, 718 Natoma
De Lano Bros., 70 Spear
Finn John Metal Works, 384 2nd
Forderer Cornice Works, 269 Potrero av
Guilfooy Cornice Works, 209 8th
Heldt W. Cornice Works, 152 1st
Ideal Cornice Co., 1040 Howard
Jackson P. H. Co. (Floor Lights), 237
1st
Korell J. A., 783 Haight
Olmo Frank, 3460 Mission
Pacific Metal Works, 153 1st
San Francisco Cornice Co., 555 10th
Shields & Hackett, 549 Howard

SAN JOSE—Mangrum & Otter Co.
SANTA ANA—Hill S. & Son
McFadden John
Nickey F. P. Hardware Co.
SANTA BARBARA—Boeseke-Dawe Co.
Ott Hardware Co.
SANTA CRUZ—Byrne Bros.
SANTA MARIA—Bryant & Trott Co.
SANTA ROSA—Demmer Chas.
Potter J. H. Hardware Co.

COLORADO.

ALAMOSA—Spriesterbach G. W. Co.
COLORADO SPRINGS—Bumstead F. E.
Lowell-Meserve Hardware Co.
DENVER—Crosta Bros.
Denver Sheet Metal Works Co.
Globe Sheet Metal Co., 1413 Platte
Kessler Fred, 2708 Larimer
O'Brien D. L., 2827 Walnut
Walter Louis H., 1426 Blake
DURANGO—Chapman Hardware Co.
FLORENCE—Wilson George
OURAY—Arps Hardware Co.
PUEBLO—Klein Bella
TRINIDAD—Branson & Griswold Hardware Co.

CONNECTICUT.

BRIDGEPORT—Bridgeport Cornice Wks.
Drouve G. Co. ("Anti-Pluvius," Puttyless Skylights Only), 40 Tulip
Eames C. S. & Co.
Kirk W. P. Co.
Mills L. H. Co.
Park City Cornice Wks., Inc., 56 McKinley av
Schietinger & Ladwig
Schwing Jno. Corporation
HARTFORD—Bostwick C. G.
Cullen & Atkinson Co.
Lurie Aaron
Moriarity E. A., 84 John
Stelling Fred. W. Corp.
MERIDEN—Griswold, Richmond & Glock Co.
MIDDLETOWN—Bacon Bros.
NEW HAVEN—Auto Aero Sheet Metal Works
Beegan John B., 952 State
Bradley Co.
Buckingham Routh Co.
Clerkin Andrew J.
Curtiss & Pierpont Co.
Day & Lee Co., 107 Water
Dorman H. W. & Co., 243 Congress av
Elm City Cornice Works
Horn, Lowden Co.
Meagher Thos. F., 30 Center
Menzies & Menzies, 196 Orange
New Haven Cornice & Metal Works
Perry H. M., 218 George
Rourke Bros. Co., 834 Grand av
Sheahan & Groark, 285 State
PUTNAM—Chandler & Morse
Field S. A.
Perry & Brown
SOUTH MANCHESTER—Carrier E. T.
Ferris Bros.
WATERBURY—Amer. Sheet Metal Works
Barlow Bros. Co.
Gill John M.
McCarthy D. F.
Temple Thos. P.
Waterbury Sheet Metal Works
Weyand Henry Co.
WATERTOWN—Suffa Jos.
WOODBURY—Hitchcock F. F.

DELAWARE.

WILMINGTON—Cook H. R., 838 King
Johnson W. J.

DISTRICT OF COLUMBIA.

WASHINGTON—Daly & Hopper, 1802 11th, N W
Gichner Ernest, 1107 E N W
Gielas H. J., 1134½ S W
Gielas Louis, 6th & L., N W
Mathy Co., 1918 Pa. av, N W
Reavis Albert S. Sheet Metal Cornice Co., 719 2d, N E
Thompson J. D. Co., 2609 Penna. av, N W
Whyte W. M., 304 13th, N W
Wolfsteiner Co., 1315 W, N W

FLORIDA.

JACKSONVILLE—Eagle Cornice & Metal Co.
Johnson Chas. H. Co.
Tutt & Fowler
KEY WEST—Johnson W. A. & Bro.
MIAMI—Bokner Matthew J.
PENSACOLA—Avery A. M. & Son
Vetter C. B.
SANFORD—Fernald Geo. H. Hardware Co.
TAMPA—Berry W. J. & Co.
Eagle Roofing & Art Metal Works

GEORGIA.

ABBEVILLE—Moody E. A.
AMERICUS—Schroeder W. H. R.
ATLANTA—Downman-Dozier Mfg. Co.
Franklin Pibg. & Tinning Co.
Hunnicutt J. E. Co.
Warlick Sheet Metal Mfg. Co.
AUGUSTA—Slusky David
BRUNSWICK—Baker M. A.
Daniels Moses
CARROLLTON—Campbell W. S.
CARTERSVILLE—Lumpkin Hardware Co.
COLUMBUS—Gartman W. D.
Russell J. C.
ROME—Neal James
Rome Supply Co.
SAVANNAH—Cox C. A.
Hahne Frank
Pacetti's E. C. Sons
Sanders J. K.
Savannah Blow Pipe & Exhaust Co.
South Atlantic Blow Pipe & Sheet Metal Co.

IDAHO.

BOISE—Idaho Hardware & Plumbing Co. (Ltd.)

ILLINOIS.

AURORA—Aurora Cornice Works
Hart Charles H.
Messenger & Parks Mfg. Co.
RATAVIA—Barkley John P. & Son
BELLEVILLE—Lebknecher L.
BERWYN—Becker F.
BLOOMINGTON—Butler Harry
Muhl F. C. & Son
Read Geo. H. & Son
BLUE ISLAND—Schreiber Bros.
BRADLEY—Watson Jas. H. Co.
CHAMPAIGN—Mollett Chas.
CHICAGO—Abbot Cornice Works, 151 W 63d.
Abbot Sheet Metal Works, 816 S Wabash av
Abt L., 2651 W 12th
Acme Metal Ceiling Co., 753 W Van Buren
Advance Roofing & Sheet Metal Wks., 4830 Cottage Grove av
American Luxfer Prism Co. (Skylights Only), 1018 37th
Argo Mfg. Co.
Biegler Louis Co., 167 N Curtis
Bloomer E. & Co., 530 E 39th
Bremer Henry F., 2227 Ogden av
Burkhardt G. Mfg. Co., 2123 N Clark
Buttenbender Jonas, 4154 Lincoln av
Caulbe H. W., 666 W 63d
Chicago Cornice Co., 210 S Western av
Chicago Fire Window & Cornice Co., 1035 W Van Buren
Clasen E. L. Co., 3114 Shields av
Conen Stephen, 4305 Lincoln av
Dauchy Iron Works (Iron Frame), 223 W Illinois
Drouve G. Co. (Puttyless, Anti Pluvius, Skylights & Sash Operators), 180 N Dearborn
Eagle Cornice Works, 2726 Sheffield av
Farwell Cornice Co., 3935 Southport av
Forsman John A., 341 W 58th
Gelchsheimer Fred, 4910 Lincoln av
Glatt Jacob, 3640 Dickens av
Glowacki John B. Co., 1440 W 47th
Griffith Cornice Works, 2441 Indiana av
Gross Geo. M., 1445 S State
Hamer Fred, 938 W North av
Hempel Max, 3016 E 91st
Hennings Bros., 3924 Indiana av
Herr Wm., 1625 W 15th
Hirsch K., 2016 W Division
Jennings M. L. Co., 433 S Western av
Jensen C. E., 3331 W North av
Johnson O., 1002 W Randolph
Kitzelman & Dilley Co., 5918 Lowe av
Knisely H. C. Co., 1908 S Western av
Knisley Bros., 2799 S 5th av
Krefting Edw., 622 W Vanburen

Kubick Chas. F., 9270 S Chicago av
Lachele Henry L., 1511 Carmen av
Lamberty & Co., 4917 S Ashland av
Lengacher Wm., 2046 Larrabee
McFarland-Hyde Co., 2701 S 5th av
Maehler Paul Co., 807 W Lake
Masterton Albert E., 9108 Baltimore av
Meisel Ferdinand, 1439 N Halsted
Miller Jas. A. & Bro., 427 N Ashland
Monroe Wm. E., 3704 Irving pl
National Metallic Sash Co., 355 Union Park
Noble E. M. & Co., 108 S Desplaines
Noyes E. A., 1606 W Lake
Perkinson & Brown (Skylight), 412 N Lincoln
Prairie Frank, 3424 S State
Rickert M. H., 2635 W Madison
Rosch Math., 2937 N Ashland av
Rosehill Cornice Works, 5909 N Clark
Rysdon E. A. & Co., 527 W 41st
Rysdon Louis S. & Co., 3319 Wallace
Schmidt H. & Co., 451 S Clark
Schmidt Saml. (Galv. & Copper), 162 N Desplaines
Schultz D. D., 2047 W 22d
Slavik Frank, 3025 W Vanburen
Slavik & Co., 1500 Blue Island av
Smith J. & Co., 2755 W 22d
South Side Cornice Works, 4324 Cottage Grove av
Spalten Bros., 1240 S Crawford av
Spitzer Cornice Works, 1061 Addison
Staar Frank, 1473 N Halsted
Sykes Co., 930 W 19th pl
Teuffer Chas., 4816 W Erie
Tumpach Jos. Cornice Co., 2431 S Kedzie av
Universal Cornice & Roofing Co., 2241 S Troy
Vallas Wm. H., 2855 W Lake
Wagner Bros., 1010 Diversey P'kway
Warner Chas. W., 522 W Harrison
Yeldham Herman J. Co., 950 W Vanburen
Zakrzewsky Herman, 6812 N Clark
DANVILLE—Dettman Wm. C.
King Bros.
DECATUR—Barringer Wm. C.
Central Cornice & Roofing Works
Decatur Cornice & Roofing Co.
DE KALB—Knodle B. C.
DIXON—Hofmann John
EAST ST. LOUIS—Haines O. J. & Son
Hogan Sheet Metal Works
EDINBURG—Ballet Jacob
EDWARDSVILLE—Bernreuther Fred
EFFINGHAM—Feldhake J. J.
ELGIN—Hawkins Bros.
GALESBURG—Galesburg Sheet Metal Works
Metal Barrel Co.
Willis Mfg. Co.
HIGHLAND PARK—Purdy D. C. & Sons
JACKSONVILLE—Brennan Joseph F.
JOLIET—Barrett Hardware Co.
Bush & Handwerk
Meers R.
KANKAKEE—Reuter Henry & Sons
LA GRANGE—Mattingly John G
LA SALLE—Boyle Thomas
Camenisch John
LEBANON—Sager C. H. Hardware Co.
LINCOLN—Dehner & Wershey
MATTOON—Weber O. B.
MENDOTA—Edwards Geo. B.
MOLINE—Reid Co.
Willis & Sons Co.
MONTICELLO—Harris H. P.
MORRIS—Cronin Daniel G.
MURPHYSBORO—Stoelzle John & Bro.
OAK PARK—Zenner & Son
OLNEY—Jolly, Weiland & Richardson Co.
ONARGA—Amernman M. T.
OTTAWA—Paisley Wm. C. Roofing Co.
Pearson's Saml. S. Sons
Walter John & Sons (Slate & Metal)
PANA—Paul G. A.
PEORIA—Aylward R. C.
Bushell A. A. & Son
Hierspiel Bros.
Hunter & Strehlow Co.
Johnson Chas. Hdw. Co.
Kavanaugh Patrick H.
Meyer F. & Bro. Co.
Peoria Roofing Co.
PLANO—Sears A. H.
QUINCY—Berghofer Mitchell Co.
Comstock-Castle Stove Co.
Scheipering Gustav
Schell & Kroner
Winking Geo.
Wurst C. H. Co.
ROCKFORD—Drake-Tucker Hdw. Co.
Harder A. P.
McGuire B. W.

ROCK ISLAND—Allen Nyers & Co
Bertelsen John
SPRINGFIELD—Armstrong Bros.
Edmonds F. E.
Foster Sheet Metal Co.
Illinois Art Metal Co.
Mathels Hardware Co.
Neuman J. C.
Robinson, Henson Co.
STERLING—Taylor F. R. & Co.
Trager Frank A.
STREATOR—Alband John
Howe A. J.
Williams Hardware Co.
SYCAMORE—Ohlmacher C. J. & Co.

INDIANA.

COLUMBUS—Brooks Bros.
CONNERSVILLE—Cain Harry
ELKHART—Borneman & Sons
Garvin & Co.
EVANSVILLE—Groeninger J. J. Co.
International Steel & Iron Co.
Lohse H. Co.
Mesker Geo. L. & Co.
Schminke H. Co.
FORT WAYNE—Gerding & Aumann
Gunkel Otto F.
Miller C. & Son
Seavey Hardware Co.
Welch J. H. & Sons
GOSHEN—Goshen Cornice Works
HAMMOND—Hammond Cornice Works
HUNTINGTON—Bridge, Lewis & Sons
INDIANAPOLIS—Ensey Orvis B.
Frick Julius C., 1302 Orange
Gardner Joseph
Hornbrooke-Price Co., 1970 Madison
av
Indianapolis Roofing Co., 155 Ken-
tucky av
Off Christian & Co.
KOKOMO—Cain Milo
Kokomo Hardware Co.
LAFAYETTE—Co-Operative Tin Shop
Schimplefenig Chas.
Shipley Hardware Co.
LAPORTE—Decker Louis
LAWRENCEBURG—Stuber F. & Son
LOGANSPOUT—Flanegin Hardware Co.
MADISON—Eckerts John Sons
Hoffman Peter
Quinn P. J.
MARION—Beshore Chas. & Co.
Hollinger M. G. & Co.
Swanger & McClain
MICHIGAN CITY—Bartholomew & Co.
Staiger Hdw. Co.
MISHAWAKA—Distler John C.
Lang O. E. & Co.
Swanger J. Q. Jr.
MONROEVILLE—Nill Thos. A.
MONTEZUMA—Sharp I. A.
MOUNT VERNON—Schenk E. B. Hdw. Co.
MUNCIE—Cook & Miller
Doyle Thos. F.
Warfel W. H.
Wells Arthur T.
NORTH MANCHESTER—Lockwood John
B.
OLDENBURG—Schmidt Geo.
RICHMOND—Johanning Chas.
Ruch John
Schultz & Laning
RUSHVILLE—Beale Bros.
SHELBYVILLE—Brown Walter E.
Howard Alonzo
Pearson J. C.
SOUTH BEND—Lauher J. C. & Co.
Meyer G. E. & Son
TERRE HAUTE—Braden Mfg. Co.
Deady P. F.
Dudley A. W. Co.
Smith's C. C. & Sons Co.
Terre Haute Furnace & Sheet Metal
Co.
VALPARAISO—Findling H. M.
VINCENNES—Dubois F.
Lauby C. W.
Vincennes Galvanized Iron Works
WASHINGTON—Gross F. H.

IOWA.

AUDUBON—Hoover G. W.
Reinemund Hardware Co.
BOONE—Noland L. C.
BURLINGTON—Forney J. H.
Haffner Chas.
Hillen Frank
CEDAR RAPIDS—Cedar Rapids Cornice
Co.
Grisselle J. P. Cornice Co.
CHARITON—Ensley G. W.

CLINTON—Armstrong C. E. & Sons
COUNCIL BLUFFS—Amy W. S.
Spencer F. A.
Walker Sheet Metal Co.
DAVENPORT—Hipwell Chas. G.
Reimers Peter A.
DES MOINES—Backman Sheet Metal
Works
Des Moines Sheet Metal Co.
Kurtz L. H. Co.
St. John & Barquist Co.
Schlater R. H.
Steel Roofing & Stamping Works
DUBUQUE—Geisler Bros.
Klauser Mfg. Co.
ELDORA—Stauffer, Van Avery Co.
HARTLEY—Messer E. B. & Son
HUMBOLDT—Ward C. E.
INDEPENDENCE—Plane I. C.
IOWA CITY—Maresh Wm.
LYONS—Parker Bros.
MUSCATINE—McQuesten Hardware Co.
Thompson Bros. Co.
NEW HAMPTON—Garmen & Forkenbrock
OSKALOOSA—Hamilton & Hamilton
Wells & Stump
OTTUMWA—Harper & McIntire Co.
Haw Hardware Co.
McCarroll Bros.
SIOUX CITY—Eidt Julius
Larson C. A.
STATE CENTER—Schilling Bros.
McMahon J. L. & Son
STORM LAKE—Peterson Bros.
WATERLOO—Lichty B. F. & Sons Co.
Waterloo Mfg. Co.

KANSAS.

ATCHISON—Klostermeer Bros. Hardware
Co.
Walcott H. C.
Weinmann C. F.
CONCORDIA—Blair J. F.
EMPORIA—Knapp O. H. P.
FORT SCOTT—Congdon D. C.
IOLA—Root W. H.
JUNCTION CITY—Muenzenmayer J. J. &
W. F.
LEAVENWORTH—Endres J. A. & Son
Hoffman S. C.
NEWTON—Bachman C. A.
Bergh Wm.
OTTAWA—Elder Mercantile Co.
PARSONS—Steele Hardware Co.
PITTSBURGH—Bagley & Spicer
Beasley & Miller
SALINA—Kastner Chas.
TOPEKA—Forbes D. H.
Nussbeck John G.
Van Dorp L.
Wolf Bros.
WICHITA—Buckley Fred
Caswell & Hartsell
Martin Metal Mfg. Co.

KENTUCKY.

ASHLAND—Phelps Frank K.
CARROLLTON—Salyers C. D. & Son
COVINGTON—Brown R. L.
Glaser Wm. A.
Gottschalk F. S. Sons
Moeschl-Edwards Corrugating Co.
Rasch C. F. Sons
DAYTON—Poos John
LEXINGTON—Bitterman E.
LOUISVILLE—Belknap Hardware & Mfg.
Co.
Everett J. Guy Co., 1119 W Market
Falls City Cornice & Roofing Co.
Fink Philip & Sons, 213 S 1st
Geher Fischer & Co., 227 S 2d
Harpring L. H. & Bro., 1236 S Shelby
Heartick E. G., 915 E B'way
Louisville Cornice & Roofing Co.
Schreck J. & Co., 906 S Preston
Shaber W. F. Co., 730 S 12th
Smith Geo. L. Co., 108 E Main
Todd, Donigan Iron Co., 817 W Main
Wagner's J. F. Sons Co.
MAYEVILLE—Leonard & Lally
McClanahan & Shea
Rasp R. & W.
NEWPORT—Rust Lawrence & Sons
Wagenlander Jos.
OWENSBORO—Guenther Hardware Co.
Southern Foundry Co.
PADUCAH—Davis G. R.
Maret & Kauger

LOUISIANA.

NAPOLEONVILLE—Blanchard Bros.
NEW IBERIA—Ribbeck F. J.
NEW ORLEANS—Algiers Cornice &
Plumbing Works, 157 Delaronde

**American Sheet Metal Works, 2500 S.
Carrollton**
Eichorn Mrs. Ludwig
**Gulf Galvanized & Metal Works, 2846
Magazine**
Louisiana Cornice Works
**New Orleans Cornice Works Co., Cor-
tez & Orleans**
**New Orleans Roofing & Metal Co.,
Cortez & Orleans**
Redmond B. V. & Son, 309 Decatur
SHREVEPORT—Bain H. H. Sheet Metal
Works
Wortman J. R.

MAINE.

AUGUSTA—Malcolm & Dyer Co., 159
Water
Taber & Reid 269 Water
BANGOR—Leighton Plumbing & Heating
Co.
BATH—Barton Geo. H. W.
Rogers C. W.
Winslow J. A. & Son
BELFAST—Stickney John B.
Wright C. L.
BIDDEFORD—Anthoine Geo. A.
BRUNSWICK—Ridley Geo. B. & Sons
EASTPORT—Martin E. S. & Son Co.
Spates Wm. T.
LEWISTON—Kroneff F. & Son
Lewiston Metal Cornice & Skylight
Wks
Stetson Jos. H. Co.
MACHIAS—Crane Bros.
NEWPORT—Deering R. A. & Son
NORWAY—Leavitt W. C. Co.
OLD ORCHARD—Robinson Wm. B. & Co.
PORTLAND—Alexander A. R.
Hollivan & Parker
McBrady Jno. E. & Son
Nash F. & C. B. Co.
Nash O. M. & D. W.
Scott Wm. H. Co., 33 Union
Wheeler F. E., 645 Forest av
ROCKLAND—Sleeper Bros.
SKOWHEGAN—Wood F. A.
WALDBORO—Curtis C. H.
Richards Bros.

MARYLAND.

BALTIMORE—Cotton Wm. E. & Co., 1600
Hartford av
Fingles W. A., 29 S Howard
**Fitsberger John, Metal Cornice Co.,
18 Clay**
Fitzberger Thos. F., 213 Park av
Heil John C., 1204 N Gay
**Hetzell John G. & Son, Paca & Mul-
berry**
Kirwan Wm. T. A. & Son, 12 W Fort
av
Kohlhepp Anthony, 616 N Eutaw
Lenderking P. H. Jr., Linwood av &
Dillon
Monumental Cornice Works, 822 Hart-
ford av
Moss Morris L., 38 S Eden
Northwestern Cornice Works, 1500
Penn av
Philipp-Kell Co., Inc., Holliday &
Center
Purnell Art Co., 309 N Charles
VAILE & YOUNG, 216 N Calvert
Vollenweider J., 1506 Penna av
Ward Wilbur F., 20 W Pratt
Wilhelm J. Frank, 1050 Myrtle av
Zeller Wm. F. & Co., 1119 Denver
Zimmers A. M., 1808 Frederick av
EASTON—Hartnett W. J.
Shannahan & Wrightson Hardware
Co.
HAGERSTOWN—Danzer Metal Works
HAVRE DE GRACE—Murphy J. T.
ROCKVILLE—Vlett & Co.
REISTERSTOWN—Brown J. V.
SALISBURY—Dorman & Smyth Hdw Co.
Gunby L. W. Co.
Salisbury Hardware Co.

MASSACHUSETTS.

ASHLAND—Augier Mills ("Rubberglass")
Enslin Franklin & Co.
ATTLEBORO—Flynn Wm. F. & Son
BOSTON—Ames & Ginty, Hereford
Badger E. B. & Sons Co. (Also Cop-
per), 75 Pitts
Boston Roofing Co., 6 Beacon
Buchanan Geo. J. Co., 87 Commercial
Wharf
Cambridge Cornice & Sheet Metal
Wks., 16 E Dedham
Feeney John, 1 N Grove

Finkelstein M., 37 Spring
 Goldberg S. E., Boston
 Harrigan J. & Son, 111 Liverpool St
 Hicks S. D. & Son, 9 Bowker
 Hind Thos. J., 19 Milk
 Hub Cornice & Roofing Co., 184 Endicott
 Hub Cornice & Skylight Co., 43 Bristol
 Jeffers Wm., 77 Joy
 Kalman Joseph & Son, 361 Chelsea E B
 Labovich B., 1250 Tremont
 Maguire W. J., 46 Cornhill
 Marley Bros., 17 Southampton
 Mayberger Edw. F., 1 Willow Park
 Mendum Jos. W., 187 Sumner, E B
 Murtfeldt W. A. Co., 161 Devonshire
 New England Cornice Co., 191 Dudley
 Pemple Fr., 17 Bismarck
 Pemple Geo. C., 27 Eustis
 Van Noorden E. & Co., 100 Magazine
 West End Cornice Co., 13 Lindall pl
 Williams & Poore, 22 Medford
 Young D. A. Co., 22 Greenwich pk
BROCKTON—Carr J. E. & Sons
CAMBRIDGE—Brook Bros.
 Columbia Cornice Co.
 Eagle Cornice & Skylight Works
 Flynn T. J. Metal Wks.
 Smith A. & Co.
CHICOPPEE FALLS—Enright P. J. Co.
CLINTON—Maitland Robert & Son
 O'Toole Bros.
FAIRHAVEN—Delano C. F.
 Forrest E. W.
FALL RIVER—Fall River Sheet Metal
 & Cornice Works
 Hughes James T.
 Wilcox D. T.
FITCHBURG—Fitchburg Heating &
 Plumbing Co., 146 W
 Hart Patrick J.
 Jennison Co.
HOLYOKE—Friedrich E. H. Co.
 Richter Otto F.
 Ruppert R. A. Co.
 Shea & Co.
 Sullivan & Carmody
LAWRENCE—Forbes Wm. & Sons
 Horne Geo. W. Co.
 Smart Geo. B. & Co.
 Wilson Andrew Co., 616 Essex
See adv index at end of book
LEOMINSTER—Burrage H. E. & Co.
LOWELL—Carroll Bros.
 Cushing D. & Son
 Gorden James L.
 Lowell Furnace Co.
 Mack W. A. & Co.
 Stewart J. W. Co.
 Wilder H. H. & Co.
LYNN—Bee's John D. Sons
MALDEN—West Alonzo A.
MANCHESTER—Beaton D. T.
 Carter J. W. Co.
MARLBORO—Hall G. R. & Co.
 Hill W. H.
MELROSE—Brook Bros.
METHUEN—Sanborn Furnace Co.
NEW BEDFORD—Wood, Brightman & Co.
ROCKPORT—Smith L. E.
 Thurston & Hale
SOUTHBURGE—Winter G. C.
SOUTH HADLEY FALLS—Moriarty Bros.
SPRINGFIELD—Atwater E. C. & Co.
 Brunton M. J. Jr.
 Estabrook Geo. R.
 Hampden Cornice Works
 Pratt A. J.
 Radding Co.
 Treuchet F. E., 33 Sanford
STOUGHTON—Burrell H. G.
 Deacon D.
TAUNTON—Munroe Plumbing Co.
 Whitmarsh I. F. Co.
 Wordell E. & Son
WALPOLE—Spear H. A. Jr.
WALTHAM—Carr F. C.
 Cody & Cavanaugh
WEBSTER—Rosebrooks & Cummings
WORCESTER—Barnard Geo. A.
 McNally D. E. & Co., 24 Houghton
 New England Steel Roofing Co.

MICHIGAN.

ALLEGAN—Phillips Bros.
BATTLE CREEK—Battle Creek Furnace
 & Roofing Co.
 McCallum Wm.
BAY CITY—Walther, A. & Sons
CALUMET—Carlton Hardware Co.

CASSOPOLIS—Hayden W. B. & Sons Co.
CHARLEVOIX—Charlevoix Hardware Co.
CHEBOYGAN—Post J. J. Hardware Co.
 (Ltd.)
COLDWATER—Allen D. C. & Co.
 Kerr Bros. Co.
DETROIT—Acme Roofing Co., 797 Russell
 American Roofing Co., 634 Gratiot av
 Basman A. M. & Co., 468 W Fort
 Berschbach & Herz, 634 Gratiot av
 Bertling Paul C. & Son Galvanizing &
 Sheet Metal Works, Hancock &
 18th
 Borgman A. J., 765 Forest av E
 Burton W. J. Co., Junction & Leavitt
 avs
 Candler Geo. V. Co., 1092 Jefferson
 av, E
 Candler J. D. Roofing Co., 179
 High, E
 Candler Robt. Co., 963 Beaubien
 Clark James F., 15 Grant ct
 Cowan Edw., 175 Larned, W.
 Cross Bros., 2330 Woodward
 Detroit Cornice & Slate Co., 147 Antoine
 Eagle Cornice & Roofing Co., ft of
 24th
 Gilbert G. W. & Son
 Hines H. C. & Co., 354 Humboldt av
 Home Roofing Co., 263 Winder
 Howle Roofing Co.
 Hutton Robt. Co., 116 Fort, E
 Lewis Henry B., Ferry av & G. T. Ry.
 Looman W. J., 856 E. Gd. blvd.
 Mahon R. C. Co., St. Aubin & E Grd.
 blvd.
 Marshall W. E., 628 Sheridan av
 Michigan Cornice & Slate Wks., 117
 Fort E
 Milleville Bros., 679 Kercheval av
 Motz W. E., 1197 Michigan
 Orth Adam J. Co., 170 Hastings
 Patlajohn L. Roofing Co., 657 Antoin
 Pudrith A. F. Co., 301 Fort, E
 Pudrith & Candler, 76 Bush
 Sexauer Chas. Roofing Co., 148 Sherman
 Steyer Wm. F., 293 Pierce
 Union Sheet Metal Works, 317 Farnsworth
 Venderbush & Looman Co.
 Verhaeghe A., 564 Mt. Elliott
 Wrench C. E.
 Young Bros. Co.
ESCANABA—Delta Hdw. Co.
 Escanaba Hdw. Co.
EVART—Smith J. K.
FREMONT—Hain G. E. Co.
GRAND RAPIDS—Grand Rapids Sheet
 Metal & Roofing Co.
 Hopson W. C. Co.
 Sokup F. J.
 Sproul & McGurrian Co.
 Weatherly Co.
HOLLAND—Van Landegend G. A.
 Van Landegend Tyler
HOUGHTON—Portage Lake Hdw. Co.
 (Ltd.)
HOWELL—Schroeder-Rutka Hardware
 Co.
ISHPEMING—Eggan Fred J
 Jochim J. W. Hardware Co. (Ltd.)
JACKSON—Creque Josiah
 Daly & Rutherford
 McGraw & Crone
 McLean Frank & Co.
 Oleslager John B.
KALAMAZOO—A. & D. Sheet Metal
 Works
 Kalamazoo Sheet Metal Mfg. Co.
 Middaugh E. H.
LANSING—Fleming Jas.
 Mudford Wm.
LAPEER—Gray Sidney T.
LUDINGTON—Bradley Frank
 Goodsell B. J. Hdw. Co.
MANISTEE—Manistee Iron Works Co.
MARQUETTE—Clark D. M.
 Manhard M. R. & Son
MENOMINEE—Bertholdt H. C.
 Fernstrum Frank G.
 Northern Hardware & Supply Co.
MIDLAND—Reardon & Beckwith Merc. Co.
MUSKEGON—Towner Hardware Co.
NEGAUNEE—Lucas H. N.
NORTHVILLE—Huff James A.
PLYMOUTH—Connor Hardware Co. Ltd.
PORT HURON—Dart James A. & Son
QUINCY—Cole S. B.
SAGINAW—Jacobi Alex.
 Leyerer J. S. & Co.
 Saginaw Sheet Metal Works
 Taub H. L.

VALLEY CORNICE & SLATE CO.,
 (LTD.) (Also Copper)
SAULT SAINT MARIE—Soo Hdw. Co.
SHELBY—Rankin A. J.
TECUMSEH—Satterthwaite Bros.
VASSAR—Dean H. C.

MINNESOTA.

DULUTH—Burrell & Co.
 Deetz & Co.
 Duluth Corrugating & Roofing Co.
 Hollihan & Milostan
FERGUS FALLS—Bauer Jos.
MINNEAPOLIS—Berger Mfg. Co., 300 10th
 av, S
 Durgin & Son
 Gerber J. J., 128 6th av S
 Henning Julius, 315 Plymouth, N.
 Minneapolis Roofing & Cornice Co.,
 1121 S 7th
 Nees Louis & Co., 1207 S 3rd
 Northwestern Roofing, Cornice &
 Stamping Works, 1111 S 5th
 Seelye A. T., 32 N E 4th
 Selden Roofing & Manufacturing Co.,
 76 Western av
 Stremel Bros. Roofing & Cornice Co.,
 1314 N 3rd
 Swenson A., 807 Emerson av
 Townsend A. W., 20 S 2nd av
 Wishart R. S. Co.
NORTHFIELD—Northfield Furnace Co.
OWATONNA—Parrott & Smith
ST. CLOUD—Ladner C. F. Hardware Co.
 Powell Hardware Co.
ST. PAUL—Griffin & Boehme, 121 W Uni-
 versity av
 Haag Joseph Roofing & Cornice Co.,
 28 W 3rd
 Minnesota Roofing & Cornice Works,
 135 E 12th
 St. Paul Roofing, Cornice & Ornament
 Co., Wabasha & Water
 Staples Bros., 218 S Kabasha
ST. PETER—Feldman Chas.
VIRGINIA—Virginia Roofing & Cornice Co
WINONA—Magnus Henry

MISSISSIPPI.

VICKSBURG—Bruser W. H.
YAZOO CITY—Cummings M. F.
 Jenne Bros.

MISSOURI.

BOONVILLE—Vanatta Mrs. F. M.
BUTLER—Bennett-Wheeler Mer. Co.
CAPE GIRARDEAU—Brunkhorst A. F.
 Vogel W. H.
DE SOTO—Slawson A. F.
HERMANN—Eberlin Christ & Son
INDEPENDENCE—Hill Martin & Hill
JOPLIN—Joplin Cornice Works
 Wenzle F. M. Sheet Metal Co.
KANSAS CITY—Haftenkamp G., 34th &
 Prospect av
 Kansas City Furnace Co., 2429 Inde-
 pendence av
 Kansas City Galvanizing & Mfg. Co.,
 Park & Edgar avs
 K. C. Sheet Metal & Furnace Co.,
 3803 Woodward
 Kornbrodt Cornice Co., 1811 Troost av
 McClelland R. E., 4220 E 56th
 Stophlet P. S. Sheet Metal Works, 12
 E Missouri av
 Vanstone Walter, 2910 E 18th
 Weis Henry Cornice Co., 4124 E 12th
 Wiedemann W. C., 1820 Harrison
 Zahner Mfg. Co.
LEXINGTON—Marrs Wm. S.
 Schawe G. C.
 Yingling C. E.
 Weis F. W.
MOBERLY—Stauffer P
NEOSHO—Briggs Hardware Co.
NEVADA—Norman W. F. Sheet Metal
 Mfg. Co.
ST. JOSEPH—Seaman & Schuske Metal
 Works Co.
 Wehrman Wm.
 Whelan Alex. T.
ST. LOUIS—Albert & Fischer Hardware &
 Sheet Metal Co., 2524 S 7th
 Auer F. E., 3507 N 22nd
 Axthelm August W., 1604 Tower Grove
 av
 Bannantine Galvanized Iron Mfg. Co.,
 117 Souard
 Blohm Chas. H., 1120 Emmet
 Caplan Galvanized Iron Cornice Co.,
 4414 Easton av

Clemens Jno. Galvanized Iron Works,
1922 S 7th
Eagle Metal Works, 1512 Clark av
Eberle Cornice Co., 4014 Laclede av
Euclid Furnace & Cornice Works, 794
N Euclid av
Fleck Chas. W., 2016 Cherokee
Gerock Bros. Mfg. Co., 1252 S Vande-
venter av
Gruendler A. H., 1018 Cass av
Hammond Sheet Metal Mfg. Co., 2nd
& Cass av
Higgins J. F. & Co., 5751 Easton av
Hopmann Cornice Co., 2573 Benton
Huber Cornice Co., 3744 St. Louis av
Kohlmeyer Geo. E., 8222 N B'way
Mesker Bros. Iron Co., 421 S 6th
Mound Rose Cornice Co., 726 N Euclid
av
Murphy E. & Co., 3727 Easton av
Palubiak & Son, 4107 Chippewa
Powers & Boyd Cornice & Roofing Co.,
3614 Laclede av
Rowland Sheet Iron & Cornice Works,
3713 Cass av
Ruth Jno. F., 4299 Easton av
Souther E. E. Iron Co., Klenlin &
Hamburger
Stark Henry & Co., 901 Victor
Tiernan Luke, 1019 Chestnut
Von der Au & Cluss Mfg. Co., 2408 S
Jefferson
Wellston Galv. Iron & Cornice Works,
6222 Easton av
West End Cornice Works, 5237 Delmar
Wilsdorf M. A., 213 St. George
Zitko Chas., 2923 Olive
Zuber Mfg. Co., 3117 S B'way
SPRINGFIELD—Anslinger Sheet Metal
Works Co.
Becker & Cramer
Kirby & Naber
Raymond Heating Co.
Wellhener Wm. Heating & Sheet
Metal Co.

MONTANA.

ANACONDA—Copper City Commercial Co.
BOZEMAN—McCay H. B.
BUTTE—Dorhoffer F. J. Co.
GREAT FALLS—Great Falls Iron Works
Murphy-Mac Clay Hardware Co.
HELENA—Adams Heating Plumbing Co.
McKinnon H. A.
Mitchell John

NEBRASKA.

BEATRICE—Spieler Jos.
FREMONT—Smith F. M. & Son
HASTINGS—Still Joseph H.
HOOPER—Heine J. F. & Son
KEARNEY—Kearney Hardware Co.
LINCOLN—Lincoln Cornice & Metal Wks
NORTH PLATTE—Fillion Jos.
OMAHA—Bernstein Sheet Metal Works
Bjorson Sheet Metal Works
Carter Sheet Metal Co.
Epeneter G. F. Cornice Works
Haas Chas. Sheet Metal Works
Kastl J. F.
Olson Bros.
Omaha Steel Ceiling Co.
PLATTSBROUGH—Kroehler Bros.

NEVADA.

RENO—Nevada Sheet Metal Works

NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.
CONCORD—Bailey W. T. & Co.
MANCHESTER—Bisson & Jodoin, 124
Franklin
Lawson H. J.
O'Brien M.
Pike & Heald Co.
PORTSMOUTH—Paul W. E.
Sweetser J. G.

NEW JERSEY.

ATLANTIC CITY—Currie Co.
BAYONNE—Bayonne Cornice & Skylight
Co.
Devaney Jno. J.
Gilbertson J.
BERNARDSVILLE—Griffith C. H.
BOONTON—Kopps Jno. I. Sons
BOUND BROOK—Williams Thos. F.
Zepp W.
CAMDEN—Metallic Mfg. Co.

ELIZABETH—Elizabeth Cornice Works
Faulks Jas. H. Co.
ENGLEWOOD—Beck Wm.
Dubois Chas. L.
Hickey & Baker
HARRISON—Godby W. H. & Bro.
HIGHTSTOWN—Taylor Jas. A.
HOBOKEN—Dorsett T. W. Co.
Leonard Sheet Metal Works
IRVINGTON—Central Cornice & Skylight
Works
JERSEY CITY—Anderson Bros. Co., 394
Grove
Donovan D. F., 71 Prospect
**NATIONAL SHEET METAL ROOF-
ING CO.**, 339 Grand.
See adv index at end of book
Pfistner Frederick, 108 Lincoln
Rader Henry, 27 Thorne
Ringle Jacob & Son, 83 Newark av,
(also Copper, etc)
Schreck & Waelty, 27 Hague
LONG BRANCH—Warwick W. R.
NEWARK—Allwood J. R. & Son, 39 Mar-
shall
Baier & Conrad, 336 Hunterdon
Berla Elias, 232 Mulberry
Ding & Teuscher, 476 18th av
Engelberger F. & W. V. Co., 150 Jelliff
av
Essex Cornice Works, 61 Polk
Hammond Theo. C., 13 Ferry
Newark Cornice & Skylight Works, 9
17th av
Pfennig J., 24 Hamberg pl
Schaefer Wm. F., 692 S 11th
Schwing & Co., 190 Ferry
Simpson Albert J., 223 Clinton av
Smith Frank F.
Steinberg Jacob, 229 Belmont av
PASSAIC—Falstrom & Torquist Co.
PATERSON—Lendrim H. C. Co.
McNeill Lawrence W.
Quinn Bros.
Rogers Andrew J. Co.
PRINCETON—Margerum H. W.
Stryker A. Y.
RARITAN—Wyckoff J. C. & Son
RUTHERFORD—Tallman S. C.
SALEM—Righter J. C.
SCOTCH PLAINS—Jahn's Robt. Sons
TRENTON—Carlis C. W. Sons, Warren
& Front
WEST HOBOKEN—Gutschmidt W. H.
Malecot P. B. & Co.
Sutter Louis
WEST NEW YORK—Gronborg C. C.
WOODBURY—Muller Harry

NEW MEXICO.

ALBUQUERQUE—McClaskey W. A.

NEW YORK.

ALBANY—Ackroyd Jas. & Sons
Fitz Gerald Jno. L.
Gorman Jas. J.
Hoffman J. H. B.
Walsh Jas. D. Sons
AMSTERDAM—Dwyer Cornelius
AUBURN—Hungerford J. A., 21 Wall
BINGHAMTON—Freeman E. G. & Co.
McIntyre & Walter
Lynch's Jno. R. Sons
Young J. J.
BROOKLYN—(See New York City, Bor-
ough of Brooklyn)
BUFFALO—Bauer's Chas. Sons, 159 Will-
iam
Christmann Phillip & Sons, 858 Vir-
ginia
Christmann Sheet Metal Co., 285 Dela-
ware av
Degenhart & Co., 1910 Niagara
Elsinghorst John H., 574 Michigan
Fisher Martin & Sons, 438 Pearl
Gruber Rupert & Co., 541 Sherman
Machwirth Bros. Co. (Also Copper,
etc), 201-9 Oak
Peters G. H. Co., 293 Oak
Rademacher Bros., 343 Fox
Roty A., 206 High
CATSKILL—Day & Holt Co.
CATTARAUGUS—Eberlee T. J.
CUBA—Sisson & Smalley
DOBBS FERRY—Siess A. C.
ELMIRA—Barker, Rose & Clinton Co.
Young Chas. W.
FORT PLAIN—Linney W. T.
Stewart & Bergen Co.
FULTON—Johnston Geo.
GLENS FALLS—Adams G. E.
HUDSON—Macy Frank R.
JAMAICA—(See New York City, Bor-
ough of Queens)

KINGSTON—Wieber & Walter
LESTERSHIRE—Becker C. D.
LONG ISLAND CITY—(See New York
City, Borough of Queens)
LYONS—Hartman Wm. T.
Marshall Barrick Co.
MOHAWK—Richardson Co.
MORAVIA—Small F. & Son
MOUNT VERNON—Norden J.
NEWBURGH—Atlas Roofing Co.
NEW ROCHELLE—Heintz W. H.
Helmrich Geo.

NEW YORK CITY.**Borough of Brooklyn**

BROOKLYN—Ahern A. W., 8812 24th av
Blecher Bros. Co., 49 Nostrand av
Bloch Jos. Co., 90 Bushwick av
Bloom Percy & Co., 205 Washington
Buchanan Wm., 448 Sumner av
Buell C. S. Co., 198 Fourth av
Burger & Gohlke, 232 Seventh
Cohen Henry, 1340 Fulton
Craig & Brown, 421 20th
Davis Jno, 170 Court
Friedburg & Son, 278 Division av
Friedman S. M. Co., 95 Cedar
Fuchs Louis, 76 Vermont
Gorlitz S., 65 Reid av
Haines A., 100 Fulton
Halpin Jas., 936 De Kalb av
Herrmann & Grace Co., 671 Bergen
Hoellerer Jos., 91 Union av
Kuhnl August, 10 Lorimer
Muller E. A. & Bro., 687 4th av
Ostergren Samuel, 725 3d av
Seton Frank J., 73 Washington av
Waldhauer, Stevens Co., 1721 Nostrand
av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott's M. Sons, 137 8th av
Albach Theo., 335 E 133rd
Amalgamated Cornice Roofing Co., 161
Broome
American Luxfer Prism Co. (Sky-
lights only), 507 W B'way
Anderson Albin Co., 291 E 137th
Architectural Cornice & Skylight
Works, 4077 Park av
Architectural Metal Works, 1192 Sec-
ond av
Bauman Jos. & Son, 61 E 4th
Berglung Chas. & Son, 236 E 42d
Bickelhaupt Geo., Skylight works, 722
11th av
Bickhardt Andrew, 3540 Bronx blvd
Billar Sam, 81 1st
Blayer Chr., 161 W 45th
Blechner Bros., 43 1st
Blechner's Albert Sons, 677 Bergen
av
Borkel Jno. & Co., 42 E. Houston
Breivogel Geo., 46 Rose
Bronx Metal Works, 1833 Washington
av
Central Cornice Works, 336 W 37th
Central Sheet Metal Works ("Max-
bar"), 260 E 78th
Christiansen Chas., 169 Front
City Cornice & Skylight Co., 267 W
35th
Deutsch Jacob, 17 Stanton
Dietze Oscar, 208 E 74th
Dugan Geo. A. Co., 200 5th av
Dunn L. J., 152 E 121st
Eastern Cornice & Roofing Co., 9 Rut-
gers
Erker Adam M., 432 W 37th
Essenwanger Chas. & Son, 280 E 148th
Fager John A., 213 E 144th
Feiner P., 335 W 44th
Fessler David, 347 E 105th
Fordham Cornice Works, 1004 Tre-
mont av
Forster J., 583 1st av
Freyberg Richard H., 2308 2d av
Fulton Cornice & Skylight Works, 5
Rivington
Greenberg Guarantee Roofing Co., 20
Mott
Guarantee Roofing Co., 61 E 4th
Guarantee Sheet Metal Works, 439 E
23d
Harrison M. & Son, 214 E 52d
Hayes Geo. Co., 71 8th av
Hell Gate Sheet Metal Works, 236 E
95th
Hilts Wm. H. Co., 82 W 3d
Hinz Albert, 403 E 16th
International Guarantee Roofing Co.,
165 Lexington av

Izmirian Chas., 4417 3d av
 Kalbert Adolph & Son, 170 E 3d
 Katz Saml., 439 E 23d
 Klein A., 210 E 38th
 Kramer Morris, 569 3d av
 Lauber Albert, 433 W 42d
 Lupton's David Sons Co., 50 Church
 Maltby Prism Co., Flatiron bldg
 Manhattan Roofing Co., 133 E 118th
 May Wm. M. Co., 537 W 54th
 Moritz Isaac, 1192 2d av
 Morrow John Co., 313 W 20th
 Mulberry Roofing Co., 208 Mulberry
 Muller R. & O., 358 E 151st
 Murphy Geo. M., 43 New Chambers
 National Cornice & Skylight Works,
 417 E 9th
 National Ventilating Co., 337 E 26th
 New York Cornice Works, 230 E 22d
 Nicholson & Galloway, 646 Hudson
 Northern Cornice & Roofing Co., 1681
 Carter av
 Oppel Rudolph, 230 E 22d
 Perfect Cornice & Roofing Co., 457 E
 180th
 Perske Frank, 439 E 92d
 Peters Wm. C., 1859 Carter av
 Pfeiffer Bros., 473 Greenwich
 Pfeiffer & Soellner, 1263 Jerome av
 Preusser Jno., 302 W 122d
 Rosenfeld I., 274 Av B
 Samet & Regenbogen, 219 Av C
 Samlovitz Max, 260 E 73th
 Saron David, 2164 Madison av
 Schumacher J. Sheet Metal Works, 408
 E 151st
 Schwoerer A. Constr. Co. 140 W 42d
 Security Roofing & Repair Co., 164 E
 35th
 Shapiro David, 3474 3d av
 Sobel & Kraus, 307 W 117th
 Sommerfeld A., 4077 Park av
 Standard Utility Co., 225 Lexington av
 Star Cornice, Skylight & Roofing
 Works, 569 3d av
 Storch L. A. & Co., 517 E 73d
 Superior Cornice & Skylight Works,
 214 E 127th
 Universal Skylight Co., 519 E 73d
 Vogt Geo. J., 305 E 60th
 Washington Guarantee Roofing Co.,
 718 Westchester av
 Weinstock & Cohn, 170 E 32nd
 Westergren M. F., Inc., 213 E 144th
 Winter Jacob Co., 712 Lexington av
 Zimmermann V., 3610 3d av

Borough of Queens.

LONG ISLAND CITY—American Bar Lock
 Co., Borden av
 Brodie Wm., 307 Jackson av
 Jeter A. H. & Co., 91 Webster av
 Petry John W. Co., 87 5th

Borough of Richmond.

TOMPKINSVILLE—Girrbach Paul, St.
 John's pl.

(End of New York City)

NEW YORK MILLS—Hastings M. E.
 NIAGARA FALLS—Machwirth Bros. Co.
 OLEAN—Pierce O. W. Co.
 ONEIDA—Lype Bros.
 PENN YAN—Hollowell & Wise Co.
 POUGHKEEPSIE—Adriance Peter & Son
 Aldrich Elbert
 RAVENA—Strevell & De Friest Hdw. Co.
 RED HOOK—Curtis J. A.
 ROCHESTER—Calder Robt. Co., 86 Ex-
 change
 Frickef John Co., 10 Ely
 Knowles & Peck, 50 Franklin
 National Skylight & Ventilator Co.
 Schoenemann Fred, 464 St. Paul
 Siddons John Co.
 RONDOUT—(See Kingston)
 ROUSES POINT—Chilton Geo.
 SCHENECTADY—Allen Jno.
 Case Levi & Co.
 Craig & Vrooman
 MacGregor Thos. F.
 Vrooman's J. V. Sons Co.
 SHELTER ISLAND HEIGHTS—Harris
 C. S.
 SYRACUSE—Bradford & Deruchie, 439 E
 Water
 Cashman & McCarthy, 372 W Fayette
 Curran Jas.
 Gooley W. F., 1911 W Fayette
 Talbott Thos. & Son, 240 W Water
 TONAWANDA—Koenig H. B.
 TROY—Loeble Herman G.
 Manogue Edward Co.

WARWICK—Montross A. W.
 Ogden & Co.
 WATERTOWN—Arthur H. S. & Sons Co.
 McCrady A. C.
 WATKINS—Durland L. H. Son & Co.
 WELLSVILLE—Hoyt Hdw. Co.
 WHITE PLAINS—Fowler & Sellars Co.
 YONKERS—Fitzgerald David
 McVicar Thos.
 McVicar Wm. H.
 Scholding C. E.

NORTH CAROLINA.

ASHEVILLE—McPherson Jos. C.
 CHARLOTTE—McCausland J. N. & Co.
 Ray G. G. & Co.
 Shuman C. F.
 WINSTON-SALEM—Brickenstein L. B.

NORTH DAKOTA.

FARGO—Fargo Cornice & Ornament Co.
 GRAND FORKS—Barnes & Nuss Co.

OHIO.

AKRON—Akers & Harpham Co.
 Akron Roofing Co.
 Kasch Roofing Co.
 May Fieberger Co.
 ALLIANCE—Casselmann C. W.
 CADIZ—Bryan H. E.
 CAMBRIDGE—Hartley W. H. Sons & Co.
 CANTON—Berger Mfg. Co.
 Canton Art Metal Co.
 Canton Cornice & Skylight Co.
 Eller Mfg. Co.
 Kanneberg Roofing & Ceiling Co.
 CINCINNATI—Andler Adam, 3028 High-
 land av, Mt. A.
 Beckman Wm., 15th & Bremen
 Blum Albert, 4244 Allison, Norwood
 Boesch Victor P. & Son, Linwood &
 Delta av
 Brandis William, 3109 Reading rd
 Breese Bros. Co., 1606 Reading rd
 Brown R. L., 2023 Pearl Cov.
 Brunen Wm. B., 651 Pike Cov.
 Cincinnati Cornice Works, 637 W
 Court
 Cincinnati Stamping Co., 24 W Mc-
 Micken av
 Dearing E. L., 3830 Glenway av
 Dirr George L. & Son, 3631 Warsaw
 av P H
 Eble Chas., 1907 Vine
EDWARDS MFG. CO., 545-565 Eggle-
 ston av See adv index at end of book
 Emmers Cornice Co., 1007 B'way
 Fahnle & Dietrich, 537 Oliver
 Fisher Philip, 1066 Central av
 Freund J. Roofing Co., Mitchell av
 & B & O S W Ry
 Greiwe E. & Bro., 1128 B'way
 Hauck Michael, 1351 Walnut
 Herrmann Bros., 6th & Clay, Day.
 Hirt Bros., 2013 Elm
 Kobmann Chas., 1919 Central av
 Koch Edw. A. & Co., Front & John
 Kopelent Henry, 2723 Vine
 Kruse Wm. & Co., 523 Wade
 Lee Thomas, 129 W 2d
 Meyer Edw. & Co., 212 Wade
 Moeschl-Edwards Corrugating Co.,
 120 W. 9th cor.
 Neabrey Leonard, 637 W Court
 Porter Iron Roofing & Corrugating
 Co., 522 Culvert
 Queen City Exhaust & Blow Pipe
 Co., 423 York
 Rasch's C. F. Sons, 1113 Madison av
 Rothert & Heeg, 1452 Walnut
 Scott Roofing & Mfg. Co., 408 Cul-
 vert
 Spatz H. P., 3901 Colerain av
 Sweeney J. A. & Co., 829 W 5th
 Verges Ferd. F., 2543 Vine
 Weigel John Co., 664 E McMillan
 Weissenberger Geo. K., 4011 Spring
 Grove av, Cum.
 Witt Cornice Co., 2118 Winchell av
 Witt & Brown, 215 W 3d
 CLEVELAND—Cleveland Galvanizing
 Works, 3924 Cooper, N E
 Cleveland Metal Roofing & Ceiling
 Co., 3105 Detroit av
 Cuyahoga Roofing Co., Woodland &
 N P R R
 Garry Iron & Steel Co., 615 St. Clair
 av N W
 Gould Lee H. & Co., 251 Arcade
 Grauer Albert & Co., 318 Long av,
 N W

Huntington Hy. J., 1010 Superior av
 Mannen John E. Co., 2247 St. Clair
 Ohio Roofing Co.
 Ortl Chas. F., 2510 Barber av, S. W.
 Riester & Thesmacher Co., 1512 W
 25th
 Rudolph & Son Co., 416 Prospect av,
 N W
 Stran C. W. Co., 720 Hamilton
 COLUMBUS—Calkins Wm. H., 751 E
 Long
 Schilling John N., 479 N 20th
 Schoedinger F. O., 148 N 3d
 Schoedinger-Marr Co., 102 N High
 DAYTON—Bretch A., 20 Stone
 Buvinger G. W. & E. E.
 Couch A. M., 236 S Euclid av
 Hoersting & Holtmann, 1133 W 3d
 Kenney J. R., 251 S Wayne av
 Rieck Sheet Metal Co., Monument &
 Taylor
 Wintersteen C. A., 408 W 3d
 Wuichet Chas. & Co., 14 S Canal
 ELYRIA—Elyria Hdw. Co.
 FINDLAY—Fiscus W. J.
 Gates N. S. & Son
 Hoffman & Bryan
 Klein Fred
 FOREST—Dickelman Mfg. Co.
 GALION—Sponhauer H. C. & Son
 GLENDALE—Dollman J. W.
 Schatzman P. & Son
 GREENVILLE—Beedle C. F.
 HAMILTON—Bauer E.
 Becker Jno. L.
 Schlosser Jacob & Son
 Zschau A. E.
 IRONTON—Fillgrove Louis A.
 KENT—Reed C. R.
 LIMA—Smith Wm. A.
 LONDON—Thomas & Armstrong Co.
 LORAIN—Weimer C. A.
 MANSFIELD—Floh G. Co.
 Hoffman Chas. Co.
 Martin, C. E. & Bros.
 Runyan C. C. & Son
 MARION—Saiter F. R.
 MASSILLON—Kammer & Ertle
 Portman Albert F.
 MEDINA—Oatman's Furnace Co.
 MIAMISBURG—Schell J. A.
 MIDDLETOWN—Johnson J. A.
 MILLERSBURG—Fitch John & Son
 NILES—Cramer Geo.
 Garry Iron & Steel Co.
 Unger F. S., Plumbing & Heating Co.
 PIQUA—Lee Geo. E.
 PORTSMOUTH—Glockner Alexander M.
 SALEM—Mullins W. H. Co. (Also Cop-
 per & Galvanized Steel), 341
 Franklin
 SANDUSKY—Bitter Joseph
 Gundlach Chas.
 Hemmerle Frank J.
 Mertz & Sons
 SHELBY—Armstrong G. W.
 SPRINGFIELD—Follrath W. D. & Co.
 Hauck Chas. F. & Co.
 Hendrickson Roofing Co.
 Jones F. O. & Co.
 Lafferty Sam'l J. & Sons
 Peet & Schuster Co.
 TIFFIN—Tiffin Art Metal Co.
 TOLEDO—Curran & Firth
 Gerken J. D. & Co.
 Hofer G. & Sons Co.
 Loeffler Theo. J. M.
 Warnke Bros. Co.
 WARREN—Browning Wm.
 Skinner E. W.
 WELLINGTON—Peirce A. H.
 WELLSVILLE—White, Perkins & White
 WILMINGTON—Jefferis W. W.
 XENIA—Henrie C. B.
 YOUNGSTOWN—Brier Hill Steel Co.
 Dalzell Bros. Co.
 Squire Jno. R. Co.
 ZANESVILLE—Ludy J. W.
 Snyder Roofing Co.

OREGON.

BAKER—Basche-Sage Hardware Co.
 GRANTS PASS—Cramer Bros.
 McMINNVILLE—Hodson O. O.
 PORTLAND—Bayer J. C.
 Hirschberger H. Co.
 Moore-Meagher Co., 228 Ash.
 Tilton Bros.
 Wynkoop Bros.
 SALEM—Barr T. M.
 Fraser A. L.

PENNSYLVANIA.

ALLENTOWN—Best J. A. & Co.
Hersh & Bro., 829 Hamilton
Miller J.
Neff Bros.

ALTOONA—England S. B.
Garrahan P. F.
Johnson A. A.
Klesius Geo. A., 609 12th

ARDMORE—Whelan Martin

ASHLAND—Lauer J. J.
McConnell & Bro.

BEAVER FALLS—Asbestos Protected
Metal Co.
Davidson W. J.

BELLEFONTE—Twitmire W. T.

BETHLEHEM—Bethlehem Roofing &
Metal Works.
Lehigh Valley Cornice Works

BRADDOCK—Loew's John A. Sons
Shirer John W.

BUTLER—Campbell J. G. & W.

CARNEGIE—Rome George & Co.

CHESTER—Doran Jno. A.
Goodman K. & Son
Ward Hugh H.

CLEARFIELD—Powell Wm. F.

CONNELLSVILLE—Munson Bros.

CORRY—Barlow Hdw. Co
Guignon E. E.
Guignon H. A.

DUQUESNE—Thomas G. E.

EASTON—Arndt Wm.
Kinsey Howard P.
Miller E. H.
Miller Hy. R.
Stotz Bros.

EAST STROUDSBURG—Lessig J.

ERIE—Braggins John H. & Sons
Krack Gust. & Son
Murphy Bros.
Patterson & Stirling

GIRARDVILLE—Griffith Hardware Co.

GREENSBURG—Overly W. F.

HALLSTEAD—Rogers Jos. B.

HANOVER—Bargelt & Son

HARRISBURG—Fager G. C. & Sons
Zollinger G. J.

HAZLETON—Koehler Fred

HOMESTEAD—Snyder Louis B.

HONESDALE—Erk Bros.
Watts G.

INDIANA—Alter C. A.

JOHNSTOWN—Doyle Frank J.
Fenn Wm. J.
Friedhoff & Mahaffey
Johnstown Supply House
Joy Bros.

KINGSTON—Johnson H. F. & Sons

LANCASTER—Arnold Thomas
McAllister & Kline
Pohl John E.

LEBANON—Bressler C. O. & Co.

LOCK HAVEN—Ficklincher Fred

MCKEESPORT—Kemp Jas. F. & Bro.
Matthews Lewis K.
Trader E. N.

MAHANOCY CITY—Morgan William

NANTICOKE—Hill & Evans

PEN ARGYL—Correll R. S.

PHILADELPHIA—Abronski Bros., 1615
Stiles
Arensberg & Clemence, 924 Moyamen-
sing
Basford, Erickson & Co., 24 Armat, Gtn
Benjamin Michael 1718 S 4th
Bleffen Hy. J., 868 N 4th
Bohem A. & G., 15th & Federal
Brinkmann Bros., 2617 Frankford
Brown Jos. E. Co., 1003 Race
Byrd John, 1427 Catherine
Central Cornice Works, 345 N Frazer
Decker John & Son, 2704 Girard av
Donovan Wm. J., 1506 Ogden
Easterbrook Wm. Jr & Bro., 311 Cherry
Ellis Geo. D. & Sons Co., 309 N 3d
Enterprise Cornice Wks., 759 N
Markoe
Excelsior Cornice Wks, 1926 S Colorado
Fossett Geo. W. & Son, 10 N Vogdes
Gara, McGinley Co., 23 S 17th
Garraty & Co., 1629 Ransted
Girard Cornice & Roofing Co., 1022
Ridge
Goodwin F. O., 5556 Arch
Graber Francis, 2306 N 4th
Hartley John H., 3402 H
Jakoby, Anton, 3122 Kensington
Laurel Mfg. Co., 627 N 3d
Lorenz Chas., 1018 Callowhill
Lupton's David Sons Co., Allegheny
av & Tulip

Lyster Sheet Metal Co. ("Lyster's"
Ventilated), 1220 Filbert

McFarland, Meade Co., Woodland av
& 46th

McGinley Howard J. & Co., 1719 Lud-
low

Metal Cornice & Roofing Co., Front &
Dickinson

Miller Isaac J., 1926 S Colorado

Northwestern Cornice Works, 2637 W
Hagert

Penn Metal Ceiling & Roofing Co.,
(Ltd.), 23d & Hamilton

Ray James, 2d & Indiana

Roseberry W. L., 345 N Frazier

Rosenthal Jos., 220 N 5th

Ruger Louis, 1603 N 4th

Salinger Chas., 1110 Ridge av

Schmitt Edw. F., 521 Ludlow

Schnitzler Chas. H., 215 N 2d

Schuch John L., 930 Diamond

Schwingle Bros., 2637 W Hagert

Thorn J. S. Co. (Also Copper), 20 &
Allegheny av

Tyson Frank, 759 N Markol

Wackerman Albert, 859 Church la

Warren Edgar Co., 116 N 16th

Wayne Junction Metal Cornice Co.,
4545 Wayne Gtn

PITTSBURGH—Acme Cornice, Skylight &
Roofing Co., 30 Fernando

Brewer & Tyhurst, 116 Washington

Cusick Cornice & Roofing Co., 2602
5th av

Davis Bros., 204 Dilworth

Fortenbacher J. & Son, 538 E Ohio

Gantner Wm. Co., 9 Del Ray

Haas Morris, 1817 Mary

Iron City Roofing Co., 6943 Franks-
town av

Irwin Thos. Mfg. Co., 307 Cremo

Johnson Bros., 4 Industry

Keighley S Metal Ceiling & Mfg. Co.,
124 3d av

Kirsch Jacob Co., 3234 Penn av

Link J. & Son, 1918 East

Luckhardt Louis, 85 Sweetbriar

Mellroy J. D. & Sons, 508 2d av

Perritt Iron & Roofing Co., Rosedale
& P R R

Pittsburgh Sheet Metal Co., S 20th &
Wharton

Rasner & Dinger Co., 2d av & Ferry

Schmidt Geo. P. Co., 1020 E Ohio

Schnauffer Roofing Co., 816 Concord

Scholes Bros., 1241 Reedsdale

PITTSBURGH—Byrne Jno.

PLYMOUTH—Dymond E. P.

POTTSVILLE—Hoefel Fredrick

READING—Hafer J. D.
Hain Wm. T.
Yeager Wm. B.

RIDGWAY—Cody C. L.

SCOTTDAL—Dick J. I. Co.

SCRANTON—Gunster Bros.

SHARON—Hoffman J. C. & Bro.
Hoffman's P. Son

SOUTH BETHLEHEM—McBride Michl. J.

TITUSVILLE—Hughes E. F.

UNION CITY—Hatch Hardware Co.

WASHINGTON—Hays G. W. & Son
Standard Sheet Metal Mfg. Co. (Struc-
tural Iron)

WEST CHESTER—Apple Plumbing &
Heating Co.
James Bros.
Palmer George J.

WILKES-BARRE—Allen & Fell
Becker Peter & Son
Carpenter B. G. Co.

YORK—Kidds Alex. Son
York Corrugating Co.

RHODE ISLAND.

CENTRAL FALLS—Plews R. Mfg. Co.

PAWTUCKET—Reetz R. C. Co.

PROVIDENCE—American Cornice Works,
3 Charles
Brunnckow C. G. Co., 223 Globe
Burgess James 254 Prairie av
Clason Architectural Metal Works
(And Copper), 428 Kinsley av
Eagle Cornice Co., 312 Blackstone
Hitz Chas.
Lamoureux F. & Co., 39 Friendship
Providence Architectural Metal Works,
237 Dyer
Providence Cornice Co., 311 Canal
Strauss Co., 370 Richmond
Union Cornice Co., 5 Bark

WOONSOCKET—French O. P. & Sons Co.

SOUTH CAROLINA.

AIKEN—Hyer W. C.

CHARLESTON—Arnot A. M.
Charleston Galvanized Iron Cornice &
Steel Ceiling Works
Masters R. M.
Shepherd Supply Co.

COLUMBIA—Lorick Bros.

GREENVILLE—Barr L. L.
Cook J. C.

ROCK HILL—Westerlund J. W.

SPARTANBURG—Pickens R. O.

UNION—Murrah T. A.

SOUTH DAKOTA.

RAPID CITY—Sweeney Tom Hardware Co.

SIOUX FALLS—Stallman John

YANKTON—Yankton Roofing Co.

TENNESSEE.

BRISTOL—Leslie Sheet Metal Works

CHATTANOOGA—Chattanooga Blow Pipe
& Roofing Co.
Chattanooga Iron Works
Chattanooga Roofing & Foundry Co
("Nooga")
McMahan James
Mountain City Stove & Mfg. Co.
Snow Tom, Heating & Roofing Co.

FAYETTEVILLE—Blakemore R. F.
Robertson & Goodrich

HARRIMAN—Edington Bros.

JACKSON—Anderson Sheet Metal Works

KNOXVILLE—Burton Hardware & Mfg.
Co.
Hicks J. C. Sheet Metal Works
Munday J. A. & Son

MEMPHIS—Burdick A. W. & Co.
Capps B. W.
Dush Louis
Elchberg & Lang
Enterprise Roofing Co.
Hendricks & Weatherall
Jones Bros. & Co.
Nohsey & Schwab
Richards L. W.
Schaefer Geo.
Verdel E. F. & Co.
Wessendorf Charles Co.

NASHVILLE—Cammerer H. & Son
Howell Geo. W. Co.
Kadel L. J.
Murray E. T. & Co.
Phillips & Buttorff Mfg. Co.

TEXAS.

AUSTIN—Arlitt Max

CORSICANA—Tatum W. M. Hardware Co.

DALLAS—Huey & Philp Hardware Co.
Payne F. T.

DENISON—Waltz Chris.

EL PASO—Momsen-Dunnegan-Ryan Co.

ENNIS—Blakey-Clark Hardware Co.
Craig E. E. & Co.

FORT WORTH—Attwell Cornice Co.

GAINESVILLE—Bosley L. W.

GALVESTON—Breen Martin
Hoffmann W. A.
Miller W. H.
Werner Geo. P.

HILLSBORO—Smith & Tomlinson Co.

HOUSTON—Eisemann Ed.
Eiseman G. Chas.
Fothergill Thos. W.
Holtkamp E. E.
Murray & Simpson
Schlom Meyer J.
Shannon Grant S.

MARSHALL—Logan & Whaley

SAN ANTONIO—Jewett Cornice & Roof-
ing Co.
San Antonio Sheet Metal Works
Vodrie Sheet Metal Works
Walsh T. P.

SHERMAN—Roberts, Sanford & Taylor
Co.

UTAH.

OGDEN—Crosbie R. L.
Newman & Co.

PROVO—Blumenthal H. G. Co.

SALT LAKE CITY—Bywater & Groo.
Fowler J. P. Mfg. Co.
Mitchell H.
Salt Lake Hardware Co.

VERMONT.

BENNINGTON—Vail F. E.
BURLINGTON—Hathorne A. C. Co.
LYNDONVILLE—Eaton J. C. & Co.
POULTNEY—Horton M. J. & Son
RANDOLPH—Lamson J. H. & Sons

VIRGINIA.

DANVILLE—Piedmont Hdw. Co.
HAMILTON—Myers Nathan
HAMPTON—Copeland J. F.
Williamson & Bridgeforth, C. M.
HARRISONBURG—Saum Jno. R.
LYNCHBURG—Doherty Frank J.
Dornin T. B., Adams Co.
NORFOLK—Bohn Roofing & Cornice Co.
Howard John T. Co.
Odend Hal-Monks Corp.
RICHMOND—Burton Reuben
Hackett R. & Co.
Miller Mfg. Co. (Wood Cornices), 7th
& Stockton
ROANOKE—Dominion Metal Products Co.
Possin Theo. & Co.
STAUNTON—Tanner Charles & Co.

WASHINGTON.

BELLINGHAM—Franzke Arthur
BREMERTON—Wetzel E. S.
EVERETT—Karns Jas. F.
Kirsh Frank W.
Willson H. J.
NORTH YAKIMA—Sawbridge Jno.
Wade G. W.
Yakima Hardware Co.
OLYMPIA—Olympia Hardware Co.
PORT ANGELES—Jacobs Edgar A.
PORT TOWNSEND—Norby & With
SEATTLE—American Sheet Metal Works
Cascade Sheet Metal Works
City Cornice Works
Clark T. F. & Co.
Curtiss Wm. M. Co., 5016 20th, N W
Eastlake Sheet Metal & Cornice Works
Edgar & Campbell
Ernst Hardware & Plumbing Co.
Finlay & Robb
Fry J. W., 1021 Pike
Garner J. J.
Globe Sheet Metal Co.
Independent Sheet Metal Co.
Manke B. C. Sheet Metal Works
Miller John K. Co.
Minckler P. K.
Motor Sheet Metal Works
Northwestern Sheet Metal Works
Occidental Sheet Metal Works
Popple & Knowles Co.
Puget Sound Sheet Metal Works
Seattle Cornice Works
Seattle Metal Ceiling Co.
Seattle Sheet Metal Shop
Shaw H. A., Metal Spinning Co.
Tomlin Sheet Metal Works
University Sheet Metal Works
Van Doren Roofing & Cornice Co.
Washington Sheet Metal Works
Weibel G. Roofing & Cornice Works
West Seattle Heating & Sheet Metal
Works
Western Engineering Co.
SPOKANE—Allen Lester
Brandt Bros.
Brown Bros.
Burns, H. J.
Evers Geo. C.
Keeler W. P.
Schrimpf Chas. G.
Snyder Harry M., Roofing Co.
Spokane Corrugated Culvert & Tank
Co.
Spokane Furnace Co.
Woodward & Stein
TACOMA—Anderson K. A.
Hirsch I. L.
Holaday & Bailey
Kastner A. & J. B.
Kolb Wm. A.
Miller Edw.
Old Town Sheet Metal Works
Pederson N. P.
Reliable Stamping Co.
Tacoma Sheet Metal Works

WEST VIRGINIA.

BERKLEY SPRINGS—Ambrose C. P. &
Bro.
BLUEFIELD—Hefner O. V.
Whitlow M. G. Hardware Co.
CHARLESTON—Easterday Wm. P. & Co.
Charleston Hardware Co.
Goslorn Hardware Co.
Loewenstein & Sons
Shawver W. F. Co.
FAIRMONT—Amos G. E. & Co.
HUNTINGTON—Hagan & Co.
Wilcoxsen C. F.
MORGANTOWN—Bailey W. H. & Sons
Morgantown Hardware Co.
PARKERSBURG—Bosbury R. B.
WHEELING—Caldabaugh Bros.
Nesbitt & Bro.
Wheeling Metal & Mfg. Co.

WISCONSIN.

APPLETON—Schlafer Hardware Co.
Teach Wm.
ASHLAND—Garnich Emil & Sons Hard-
ware Co.
BARABOO—Lee Radtke Hardware Co.
BELOIT—Murdock-Dunwiddle Co.
EAU CLAIRE—Eau Claire Cornice & Htg.
Co.
Hobbs W. H. Supply Co.
EVANSVILLE—Baker Manufacturing Co.
FOND DU LAC—Cheney S. H.
GREEN BAY—Danz H. Jr.
Fox River Cornice Works
Green Bay Cornice & Corrugating Co.
HARTFORD—Esser & Schmidt
JANESVILLE—McNamara Henry L.
Sheldon F. S.
KAUKAUNA—Butler-Dietzler Hdw. Co.
Haas & Hohmann
KENOSHA—English Jno. J.
Jansen T. E.
Schulz H. C.
LA CROSSE—Badger Steel Roofing & Cor-
rugating Co.
Dittman Fred. Hardware Co.
Gass Anthony
La Crosse Steel Roofing & Corrugating
Co.
Tausche V. Hardware Co.
MADISON—Trachte Bros. Co.
Wolff, Kubley & Hirsig
MANITOWOC—Rathsack Wm. & Sons
MARINETTE—Westlund August
MILWAUKEE—Biersach & Niedermeyer
Co., 216 5th
Consolidated Sheet Metal Works, 661
Hubbard
Eslien Sheet Metal Works, 1001 30th
Furtman Aug. J., 2453 Walnut
Gallun & Weltzien, 845 Kinnickinnic av
Goethel Alex. G., 815 Winnebago
Green D. D., 215 Sixth
Hoffman & Baur, 279 Lake
Jeske R. & Bro. Co., 119 Reservoir av
Klubertanz Bros. Co., 889 23rd
Millen Bros., 7534 Clinton
Milwaukee Corrugating Co. (Also Cop-
per)
Roesler Herman, 1184 24th
Schmidt Arthur F., 419 State
Schumann & Roden, 914 3rd
Tonnsen E. B. Co., 1131 Harmon
MONROE—Kundert Bros. Co.
NEENAH—Krueger Wm. Co.
Stroebel J. F.
OSHKOSH—Krippene Hardware Co.
Leach Frank Hardware Co.
Terwedo Mfg. Co.
PORTAGE—Schulze Hardware Co.
RACINE—Dixon John & Son
REEDSBURG—Siefert Aug. Hardware Co.
RICHLAND CENTER—Strang Geo. Hard-
ware Co.
SHEBOYGAN—Geele F. Hardware Co.
SUPERIOR—Arnold Elmer H. Co.
Bingham Hardware Co.
Carlson Bros. Co.
Holmes A. E. & Bro. Co.
Roberts G. W.
WATERTOWN—Kusel D. & F. Co.
Pritzlaff W. G. Co.
WASHBURN—Ungrodt B.

WYOMING.

BUFFALO—Astell Geo. T.

3241— Cornwall Stone

Chrystal Charles B. (Imp English Ground)
13 Cliff, New York
See adv index at end of book
Golding Sons Co., Wilmington, Del.

Corrugated Elbows

See Elbows, Conductor Pipe; also Stove
Pipe & Elbow Manufacturers

Corundum Mfrs.

See Emery & Corundum Manufacturers

3242— Costmeters

Costmeter Co. ("Costmeter"), 295 Frank-
lin, Boston, Mass.

3243— Cots (Army, Etc.)

Bent Rung Ladder & Mfg. Co., Indiana,
Pa.
Gold Medal Camp Furniture Mfg. Co.
(Folding), Racine, Wis.
Gosso Co. 14 E Jackson, Chicago, Ill
Himebaugh Bros., Jamestown, N. Y.
Sun Mfg. Co. (Canvas Cover, Wood &
Steel Frame), Columbus, O.

3244— Cots (Folding)

Calumet Supply Mfg. Co., 14 E Jackson
blvd, Chicago, Ill.
Foster Bros. Mfg. Co. (Iron & Wood
Frame), Utica, N. Y.
Haggard & Marcusson Co. ("Tiger" Woven
Wire), 1109 W 37th, Chicago, Ill.
Hard Mfg. Co. ("Compact") 117 Tona-
wanda, Buffalo, N. Y.
Hettrick Mfg. Co., Toledo, O.
Norfolk Mattress Co., Norfolk, Va.
Ohio Spring Bed Co. (Woven Wire), Cleve-
land, O.
Peoria Auto-Kat Co. ("Furstade"),
Peoria, Ill.
Southern-Rome Co. ("Romelink"), 423
W Pratt, Baltimore, Md.
Sun Mfg. Co., Columbus, O.
Telescope Cot Bed Co. ("Handy" Telescope
Cot Bed), 535 E 79th, New York

3245— Cots (Husking)

Boss Mfg. Co., Kewanee, Ill.

Cotters (Cellar Box)

See Cotters & Keys, Spring

3246—Cotters & Keys (Spring)

See also Keys, Flat Spring & Riveted

American Chain Co. ("Campbell" Self-
Spreading Hammer Lock Cotters),
Bridgeport, Conn.
American Cotter Pin Co., Park bldg, Pitts-
burgh, Pa. Works: Elwood City, Pa.
Blake & Johnson Co., 1500 Thomaston
av., Waterbury, Conn.
See adv index at end of book
Brooks M. S. & Sons (Brass or Steel Cot-
ters & Flat Spring or Riveted Keys),
Chester, Conn.
Campbell Andrew C. (Inc.), (Self-Spread-
ing Hammer Lock Cotters), Water-
bury, Conn.
Cobb & Drew, Plymouth, Mass.
Herschel R. Mfg. Co., Peoria, Ill.
Hindley Mfg. Co. ("Columbia" Steel, Brass
& Copper Cotters & Flat Steel Spring
& Flat Riveted Keys), Valley Falls,
R. I.
Hubbard M. D. Spring Co., Pontiac,
Mich.
Jencks E. Mfg. Co. (Iron & Brass Cotters
& Flat Spring Keys), Worcester, Mass.
McWhorter Mfg. Co. ("McWhorter,"
Pointed), Riverton, N. J.
Morgan Spring Co., Worcester, Mass.
National Screw & Tack Co. (Iron & Brass)
Cleveland, O.
Ohio Wire Goods Co., Akron, O.
Parker Wire Goods Co. (Half Round
Spring Wire & Brass Cotters), Worces-
ter, Mass.
Pickering R. S. (Brass & Steel Cotters &
Steel Flat Spring & Riveted Keys),
Sharon Hill, Pa.
Russell, Burdall & Ward Bolt & Nut Co.,
Port Chester, N. Y.
Smith F. P. & Co. ("Saco" Steel, Brass &
Copper Cotters & Flat Spring), Sharon
Hill, Pa.
Whitman & Barnes Mfg. Co. (Brass, Steel
& Copper), Akron, O.
See adv index at end of book
Wire Goods Co. (Iron & Brass), Worcester,
Mass.

When writing to firms listed
in this book please, mention
HENDRICKS'
COMMERCIAL RECISTER

3247— Cotton (Absorbent)

Aseptic Cotton Products Co., Chattanooga, Tenn.
 Aseptic Products Co., 237 Borden av., Long Island City, N. Y.
 Bauer & Black, 45 W 25th, Chicago, Ill.
 Broadbent J. & Son, Unionville, Conn.
 Enterprise Garmenting Co., Cohoes, N. Y.
 Graves Frank B. Co., Albany, N. Y.
 International Cotton Mfg. Co., East Killbuck, Conn.
 Johnson & Johnson, New Brunswick, N. J.
 Lewis Mfg. Co., Walpole, Mass.
 Mackintosh D. & Sons Co., Holyoke, Mass.
 Maplewood Mills ("Excelsior," "Standard," "Hospital," "Sanitary," "Absorbent"), Fall River, Mass.
 Seabury & Johnson, 59 Maiden la, New York
 Southern Aseptic Laboratories, Columbia, S. C.
 Versailles Sanitary Fibre Mills, Versailles, Conn.

3248— Cotton Batting

Becker Chas. W., Amsterdam, N. Y.
 Bowden Bros., Cedar Grove, N. J.
 Broadbent J. & Son, Unionville, Conn.
 California Cotton Mills Co., Oakland, Cal.
 Clute Bros., Cohoes, N. Y.
 Hamlet Mills, Otter River, Mass.
 Janesville Batting Mills, Janesville, Wis.
 LaCrosse Woolen Mills, LaCrosse, Wis.
 Lee Wm. M., Athol, Mass.
 Little Falls Fibre Co., Little Falls, N. Y.
 Lockport Cotton Batting Co., Lockport, N. Y.
 Lowenthal W. & Co., Cohoes, N. Y.
 Maish Chas. A. Co., 1125 Bank, Cincinnati, O.
 Missouri Cotton Yarn Mfg. Co., 300 Lynch, St. Louis, Mo.
 National Textile Mfg. Co., Cohoes, N. Y.
 New York Cotton Batting Co., Lockport, N. Y.
 Niagara Cotton Batting Co., Lockport, N. Y.
 Page Mfg. Co., Cohoes, N. Y.
 Riverside Mills, Augusta, Ga.
 Rock River Cotton Co. ("Crown Jewel"), Janesville, Wis.
 Sanders, Smith & Co., Charlotte, N. C.
 Smith Oscar & Sons Co., 310 Spruce, Phila., Pa.
 Standard Textile Co., Glens Falls, N. Y.
 Stearns & Foster Co., Lockland, O.
 Stockport Fibre Co., Stockport, N. Y.
 Troy Waste Mfg. Co., Troy, N. Y.
 Tuscaloosa Mills, Tuscaloosa, Ala.
 Union Cotton Bagging Corp., Norfolk, Va.
 Union Wadding, Pawtucket, R. I.
 Westport Mfg. Co., Fall River, Mass.
 Worley Bros., Mohnton, Pa.

3249— Cotton (Calking)

Bishop Robert Mfg. Co., 157 W 6th, So. Boston, Mass.
 Estes Mills ("Star," "No. 2"), Fall River, Mass.
 Hooper Wm. E. & Sons Co., Maryland Life bldg., Baltimore, Md.
 Massasoit Mfg. Co., Fall River, Mass.
 Olmstead & Tuttle Co., Chicopee, Mass.
 Richards Fred. J., Springfield, Mass.
 Stratford Geo. Oakum Co., Cornelison av., Jersey City, N. J.

3250— Cotton Compresses

Dickson Car Wheel Co., Houston, Tex.
 Reading Iron Co., Reading, Pa.
 Webb Press Co. (Ltd.), Minden, La.

3251—Cotton Duck & Canvas

Abingdon Mills (Wide & Narrow), Huntsville, Ala.
 Alabama Cotton Mills (36 Inch), Speigner, Ala.
 Alexander City Cotton Mills (Narrow, Flat Duck), Alexander City, Ala.
 Anchor Duck Mills (Wide Duck), Rome, Ga.
 Aragon Mills, Aragon, Ga.
 Ashcraft Cotton Mills (Dress Ducks), Florence, Ala.
 Augusta Factory (27 to 40 Inch), Augusta, Ga.
 Barrell Wm. L. Co., 8 Thomas, New York
 Boott Mills (High Grade Duck), Lowell, Mass.

Boston Duck Co., Bondsville, Mass.
 Boston Woven Hose & Rubber Co. (Hose & Belting Duck for Own Use), Cambridge, Mass.
 Brighton Mills (Sail, Tire & Hose Duck, Mechanical Fabrics, etc., of "S I" Eg. & Am. Cotton), Passaic, N. J.
 Brookside Mills (Wide & Narrow Duck), Knoxville, Tenn.
 California Cotton Mills Co., Oakland, Cal.
 Chicopee Mfg. Corp. (Wide & Narrow), Chicopee Falls, Mass.
 Cochran Cotton Mill Co. (Wide & Narrow), Cochran, Ga.
 Connecticut Mills Co. (Tire Fabrics & Special Duck), Danielson, Conn.
 Corsicana Cotton Mills (Narrow & Flat Duck), Corsicana, Texas
COUCH BROS. MFG. CO. (Sail, Wide, Army & Single Filled), Atlanta, Ga.
 Crown Cotton Mills (Broad & Narrow), Dalton, Ga.
 Dallas Cotton Mills (Narrow Single Filling Duck), Dallas, Texas
 Denison Cotton Mill Co. (29 to 72 Inch Duck), Denison, Texas
 Dixie Cotton Mills (Wide & Narrow Flat Thread Duck), La Grange, Ga.
 Dunson Mills (Wide & Narrow), La Grange, Ga.
 Elm City Cotton Mills (Wide), La Grange, Ga.
 Enterprise Cotton Mills (Wide & Narrow Flat Duck), Enterprise, Ala.
 Falls Co. (Narrow Duck), Norwich, Conn.
 Fitchburg Duck Mills (Sail, Army, Number, Belting & Hose Duck & Stitched Belting Duck, etc.), Fitchburgh, Mass.
 Fitzgerald Cotton Mills (Wide), Fitzgerald, Ga.
 Floyd Cotton Mills (Wide & Narrow Flat Duck), Rome, Ga.
 Fulton Bag & Cotton Mills (Waterproof & Mildewproof Duck), Atlanta, Ga.
 Gary James S. & Son (Heavy Duck), Equitable bldg., Baltimore, Md.
 Glen Raven Cotton Mills (Narrow Duck), Burlington, N. C.
 Globe Cotton Mills (36, 40 and 52 inch), Augusta, Ga.
 Gonzales Cotton Mill Co. (36 Inch Duck), Gonzales, Texas
 Gordan Supply Co. (Wide & Narrow), 537 Albany, Boston, Mass.
 Grimond J. & A. D. (Ltd.) (H. N. Gildea, Agent) (Flax, Jute & Hemp Tarpaulin Canvas), 320 B'way, New York
 Hall, Lincoln & Co. (Heavy Duck), 154 Milk, Boston, Mass.
 Handley W. A. Mfg. Co. (Wide), Roanoke, Ala.
 Hettrick Mfg. Co., Toledo, O.
 Hillsboro Cotton Mills (6 to 12 oz. Duck, 29 to 44 Inches Wide), Hillsboro, Texas
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
 Holt, Gant & Holt Cotton Mfg. Co. (Colored Duck for Workmen's Clothes), Elon College, N. C.
 Hooper Wm. E. & Sons Co., Maryland Life bldg., Baltimore, Md.
 Itasca Cotton Mfg. Co. (36 Inch Dress Duck), Itasca, Texas
 Lane J. H. & Co. (Jobbers), 334 4th av., New York
 Lanett Cotton Mills (Wide & Narrow), West Point, Ga.
 Lawrence Duck Co., Lawrence, Mass.
 Lincoln Cotton Mills Co. (Wide & Narrow Light Duck), Evansville, Ind.
 Manchester Cotton Mills (Wide & Narrow Light Duck), Manchester, Ga.
 Massachusetts Cotton Mills in Ga. (Wide & Narrow Light Ducks), Lindale, Ga.
 Meritas Mills (Wide), 320 B'way, New York
 Milstead Mfg. Co. (Wide Heavy Duck), Milstead, Ga.
 Montgomery Cotton Mills (Wide Duck), Montgomery, Ala.
 Monticello Cotton Mills (Wide & Narrow Twisted & Single Filling Duck), Monticello, Ark.
 Morris & Co. (Wide & Narrow), Groveville, N. J.
 Mt. Vernon Woodberry Mills (All Kinds, "Woodbury Extra"), Cont. bldg., Baltimore, Md.
 New York Mills Corp. (Wide & Narrow Duck), New York Mills, N. Y.
 Palmetto Cotton Mills (Wide & Narrow Single Filled Duck), Palmetto, Ga.
 Passaic Cotton Mills (Up to 72 Inches, Tire & Hose Fabrics), 120 B'way, New York

Pelham Mfg. Co. (7 to 14 oz, 29 to 42 Inches Wide), Pelham, Ga.
 Piedmont Cotton Mills (Wide), Egan, Ga.
 Putnam Mills & Power Co. (Flat & Twisted Broad Ducks), Eatonton, Ga.
 Rhodes Mfg. Co. (Wide Duck), Lincolnton, N. C.
 Riverdale Cotton Mills (Wide & Narrow), West Point, Ga.
 Royal Mills (Duck Bagging), Charleston, S. C.
 Sanders Cotton Mills (Narrow), Tuscaloosa, Ala.
 Savage Mfg. Co. (Wide & Narrow), Savage, Md.
 Sherman Mfg. Co. (7 to 15 oz, Single Filling High Grade Duck), Sherman, Texas
 Sibley Mfg. Co. (Wide & Narrow), Augusta, Ga.
 Smith D. B. & Sons Co., Pine Meadow, Conn.
STANLEY WM. W. (Waterproof Canvas of all kinds), 50 Church, New York
 Stonewall Cotton Mills (32 & 36 Inch), Stonewall, Miss.
 Summerville Cotton Mills Co. (Wide & Narrow Duck, 8 to 14 oz), Summerville, Ga.
 Sylvan Cotton Mills (Wide & Narrow), Shelbyville, Tenn.
 Tallassee Falls Mfg. Co., Tallassee, Ala.
 Thistle Mills (Wide & Narrow Duck), Ilchester, Md.
 Thomaston Cotton Mills (Wide & Narrow Flat Duck, 4 to 8 oz), Thomaston, Ga.
 Thorndike Co. (Awning Stripes, etc), Thorndike, Mass.
 Turner J., Spencer Co. (Sales Agents Consol Cotton Duck Co.), 86 Worth, New York
 Unity Cotton Mills (Wide & Narrow Heavy Duck; also Belting, Hose, Sail Cloth & Packing Duck), La Grange, Ga.
 Virginia Consolidated Milling Co. (Wide & Narrow Duck), Petersburg, Va.
 Warren Mfg. Co. (Numbered, Press, Belting & Double Filling Duck, 12 to 46 inch, Different Weights), Warren, Md.
 Watts Mfg. Co. (Wide Duck), Lilledoun, N. C.
 Waxahachie Cotton Mills (Wide & Narrow Flat Duck), Waxahachie, Texas
 Wellington, Sears & Co. (Jobbers, Ducks for Belting, Hose, Sails, Harvesters, etc; also Awning Stripes, Canvas for Wagon Tops, etc., & Bunting), 93 Franklin, Boston, Mass.
 West Point Mfg. Co. (Wide & Narrow Hose & Belting Duck), Westpoint, Ga.
 Willingham Cotton Mills (Wide Numbered, Hose, Belting & Sail Duck), Macon, Ga.

Cotton Gins

See Cotton Ginning Machinery

3252— Cotton (Jewelers')

Estes Mills, Fall River, Mass.
 Lewis Mfg. Co., Walpole, Mass.
 Maplewood Mills, Fall River, Mass.

3253— Cotton (Soluble)

Anderson Chemical Co., Wallington, N. J.
 Celluloid Zapon Co., Stamford, Conn.
 Chemical Products Co. (Non-Explosive; also Solutions & Films), 93 Broad, Boston, Mass.
 Cooper Chas. & Co., 194 Worth, New York
 Du Pont Chemical Works (Pyroxylin or Nitrocellulose), 120 B'way, New York
 Erkenbrach Geo. A. Co., 115 Maiden la, New York
 International Smokeless Powder & Chemical Co., 120 B'way, New York
 Maas & Waldstein Co., 92 William, New York

3254—Cotton (Spun Calking)

Bishop Robt. Mfg. Co., 157 W 6th, South Boston, Mass.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

3255— Cottonades

Brown's G. Sons, Mount Joy, Pa.
 Carhartt Hamilton Cotton Mills, Rock Hill, S. C.
 Eagle & Phenix Mills, Columbus, Ga.
 Falls Co., Norwich, Conn.
 Griffin Mfg. Co., Griffin, Ga.
 Hamburger Cotton Mills, Columbus, Ga.
 Jones H. C. Co., Conshohocken, Pa.
 Thorndike Co., Thorndike, Mass.
 White-Williamson Co., Graham, N. C.
 Whittenton Mfg. Co., Taunton, Mass.

3256—Couch Leg Attachments

Weber-Knapp Co., Jamestown, N. Y.

3257— Couches (Steel)

Newark Spring Mattress Co., 84 Madison, Newark, N. J.
 Ohio Spring Bed Co. (Sanitary Wire), Cleveland, O.
 Simmons Co. (Sanitary), Kenosha, Wis.

3258— Coumarin

Monsanto Chemical Works, St. Louis, Mo.

3259—*Counter Balance Stairs (New, Only One in World)

HANKE IRON & WIRE WORKS, 800 No. Albany av, Chicago, Ill.
See adv index at end of book

3260— Counterbores

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Clough R. M. (For Round Head Cap Screws, etc), Tolland, Conn.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
 Kendrick-Davis Co. ("K.-D." Jewelers), Lebanon, N. H.
 Morse Twist Drill & Machine Co. (Solid, Adjustable & Interchangeable Blades & Guides), New Bedford, Mass.
 National Twist Drill & Tool Co. ("National," Solid), Detroit, Mich.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Wells F. E. & Son Co. ("Reece"), Greenfield, Mass.

3261—Counters (Boot & Shoe)

Appleton Counter Co., Haverhill, Mass.
 Archibald F. & Co., Haverhill, Mass.
 Bennett Wm. H. Co., Lynn, Mass.
 Bicknell Geo. H. Co., Weymouth, Mass.
 Bodwell Counter Co., Haverhill, Mass.
 Brockton Heel Co., Brockton, Mass.
 Cadwallader, Dougherty & Co., 113 N 3rd, Phila., Pa.
 Chapman Tap & Counter Co., Haverhill, Mass.
 Columbia Counter Co., 349 Congress, Boston, Mass.
 Doyle & Downey, Newburyport, Mass.
 Durkee Counter Co., Haverhill, Mass.
 Durland Counter Co., Lynn, Mass.
 Eagle Counter & Leather Co., 416 E 8th, Cincinnati, O.
 Eagleton Bros., Lynn, Mass.
 Filoon V. & F. W. Co., Brockton, Mass.
 Gardiner, Beardsell & Co., 50 Lincoln, Boston, Mass.
 Globe Counter Co., Haverhill, Mass.
 Goddard F. A. & Co., Lynn, Mass.
 Hanover Heel & Innersole Co., Hanover, Pa.
 Hanscom Frank W., Haverhill, Mass.
 Harris-Wheaton Co., 157 Pearl, Boston, Mass.
 Harwood Counter Co., Lynn, Mass.
 Hickey Michael J. & Co., Haverhill, Mass.
 Hopkins R. C., Lynn, Mass.
 Hudson Counter Co., Hudson, Mass.
 Johnson Chas. H., Lynn, Mass.
 Johnson T. C. & Sons, Lynn, Mass.
 King Counter Co., Salem, Mass.
 Lacroix W. & E. W., Lynn, Mass.
 London Geo. G. Mfg. Co., Lynn, Mass.
 Lovett Solon, Beverly, Mass.
 Lyons Counter Co., Lynn, Mass.
 McManus C. H. & Co., Lynn, Mass.
 McNamara J. & Co., Haverhill, Mass.
 Milwaukee Counter Co., 246 Pearson, Milwaukee, Wis.
 Morton & Son Co., Rochester, N. Y.
 Mosser J. K. Co., Williamsport, Pa.
 Mousam Counter Co., 121 Beach, Boston, Mass.

Mower Earl A., Lynn, Mass.
 Munsey Shank & Counter Co., Lynn, Mass.
 National Fiber Board Co., 121 Beach, Boston, Mass.
 New England Counter Co., Nashua, N. H.
 Newburyport Counter Co., Newburyport, Mass.

Pierce C. S. Co., Brockton, Mass.
 Puritan Counter Co., Brockton, Mass.
 Smith P. J. Co., Salem, Mass.
 Spaulding J. & Sons Co., P. O. Box 52, Tonawanda, N. Y.
See adv index at end of book

Standard Heel & Counter Co., 1026 N 11th, St. Louis, Mo.

Sumner A. B. & Son, Lynn, Mass.
 Sumner Counter Co., Haverhill, Mass.
 Tasker Geo. F., Haverhill, Mass.
 Vaughn J. T., Haverhill, Mass.
 Wilder & Co., 228 W Lake, Chicago, Ill.
 Worcester Counter Co., Worcester, Mass.
 Young & Sampson, Lynn, Mass.

3262— *Counters (Can)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3263-4—*Counters (Combination Counter & Watch)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3265—*Counters for Paper Machines

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3266—*Counters for Reciprocating Motion (Square Case & Round Case)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3266a— *Counters (Game)

Du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

3267—*Counters (Mechanical)

PLUMB D. S., 73-77 Norfolk nr Central av, Newark, N. J.
See adv index at end of book

3268— Counters (Pole)

Benton Mfg. Co., 9 Bethune, New York
 Durant Mfg. Co., Milwaukee, Wis.
 International Register Co., 15 Throop, Chicago, Ill.
 New York Standard Watch Works, 403 Communipaw av, Jersey City, N. J.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
 Veeder Mfg. Co., Sargeant & Garden, Hartford, Conn.

3269—*Counters (Recording)

See also Indicators, Speed
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3270—Counters (Revolution)

See also Indicators, Speed
 American Ever Ready Works, Thompson av, Long Island City, New York
 American Steam Gauge & Valve Mfg. Co., 203 Camden, Boston, Mass.
 Belden Mfg. Co. (For Magnet Winding Machines), 2316 S Western av, Chicago, Ill.
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.
 Cummings Ship Instrument Works ("Cumplings" Averaging), 110 High, Boston, Mass.
 Durant Mfg. Co. ("Durant" "Productimeter"), Milwaukee, Wis.
 Durbrow & Hearne Mfg. Co. (For Printing Presses, etc), 12 Wooster, New York

McNab Co. ("McNab" Pneumatic), Bridgeport, Conn.

Mossberg Frank Co. (For Looms, etc), Attleboro, Mass.

Richardson Scale Co. ("Richardson" Reciprocating), Passaic, N. J.

Root C. J. Co. ("Bristol," "Elm City" & "Roco"), Bristol, Conn.

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

Schuchardt & Schutte, 90 West, New York

Star Brass Mfg. Co. ("Star" Round Case), 108 E Dedham, Boston, Mass.

Veeder Mfg. Co. ("Veeder"), Hartford, Conn.

Zaubitz August ("Zaubitz"), 95 Cliff, New York

3271—*Counters (Short Stroke, for Pumps)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

3272— Counters (Store)

See Store & Bar Fixtures

3273— Countershafts

Almond T. R. Mfg. Co. ("Almond" Right Angle Quarter Turn), Ashburnham, Mass.
 American Tool & Machine Co., 10 High Boston, Mass.
 Baird Machine Co., Bridgeport, Conn.
 Bardons & Oliver (Double Friction), Cleveland, O.
 Brown & Sharpe Mfg. Co., Providence, R.I.
 Builders Iron Foundry ("Builders Pull"), 9 Coddling, Providence, R. I.
 Caldwell W. E., Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Clizbe Bros. Mfg. Co., Plymouth, Ind.
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
 Diamond Machine Co. ("Diamond," "Standard," "Builders Pull"), Providence, R. I.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Elgin Tool Works ("Elgin" for Precision Tools), Elgin, Ill.
 Frederick Machine Works (Rope Pull), Norwalk, O.
 Garvin Machine Co., 147 Varick, New York
GEM MFG. CO., Goebel, nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book
 Goodell-Pratt Co. (For Small Machinery), Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D." Plain & Friction Clutch), Greenfield, Mass.
See adv index at end of book
 Hannifin Mfg. Co. ("Hannifin," Roller Bearing Actuated Double Friction), 621 S Kolmar av, Chicago, Ill.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Lane Mfg. Co., Montpelier, Vt.
 Le Blond R. K. Machine Tool Co., Cincinnati, O.
 Lodge & Shipley Machine Tool Co., Cincinnati, O.
 Mafreto Machine & Tool Co., Worcester, Mass.
 Mossberg Wrench Co. ("Sim-Pull" & "Sim-Plex"), Central Falls, R. I.
 North Wales Machine Co., North Wales, Pa.
 Norton Co., Worcester, Mass.
 Oesterlein Machine Co. (Friction Clutch), Cincinnati, O.
 Patterson Gottfried & Hunter ("Smith" One Belt Reversing for Mach. Tools), 211 Centre, New York
 Phoenix Mfg. Co., Hartford, Conn.
 Quint A. D., Hartford, Conn.
 Reeves Pulley Co., Columbus, Ind.
 Sterling Blower Co. ("Sterling"), Hartford, Conn.
 Sterling Grinding Wheel Co., Tiffin, O.
 Stow Mfg. Co., Binghamton, N. Y.
See adv index at end of book
STURTEVANT B. F. CO. ("Sturtevant" For Fans), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Universal Winding Co. ("Leesona"), Boston, Mass.
 Wilmarth & Morman Co. ("Wilmarth" Friction), 1151 Monroe av, N W, Grand Rapids, Mich.
 Wood's T. B. Sons Co., Chambersburg, Pa.

3274—Countershafts (Bench Lathe)

American Watch Tool Co., Waltham, Mass.
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Moseley Lathe Co., Elgin, Ill.
 Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
STARK TOOL CO., Waltham, Mass.
See adv index at end of book

3275—Countershafts (Variable Speed)

Cushman Electric Co. ("Cushman" Motor Driven), Concord, N. H.
 Evans Friction Cone Co., Newton Center, Mass.
 Holmes E. & B. Machinery Co., Buffalo, N. Y.
 Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.

3276—Countersinks

Atha Tool Co. (Forged), Chapel, Newark, N. J.
 Bagshaw & Field (Rose, Flat & Small head), 445 N 5th, Phila., Pa.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Buck Bros. (Flat, Rose & Snail), Millbury, Mass.
 Buffum Tool Co. ("Swastika," Flat & for Iron), South Side, Louisiana, Mo.
 Butterfield & Co., Derby Line, Vt.
 Celfor Tool Co. ("Celfor"), Buchanan, Mich.
 Cincinnati Tool Co. ("Hargrave's Adjustable"), Norwood, Cincinnati, O.
See adv index at end of book
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Detroit Twist Drill Co. (Bit Stock), 555 Fort, Detroit, Mich.
See adv index at end of book
 Deuse J. S. (Wood & Iron), Chester, Conn.
 Forest City Bit & Tool Co., Rockford, Ill.
 Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D." for Bit Brace & Machine Use), Greenfield, Mass.
See adv index at end of book
 Jenning C. E. & Co., 71 Murray, New York
 Johnson Wm. (Hedenberg Works), Newark, N. J.
 Kilborn & Bishop Co., New Haven, Conn.
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Morse Twist Drill & Machine Co. (Bit Stock & Combined Drills & Countersinks), New Bedford, Mass.
 Polk A. J. & Son (For Drilling Machines, etc), Millersburg, Pa.
 Pugh Job T., 31st & Ludlow, Phila., Pa.
 Robinson M. W. Co. ("Smith's" Patent Adjustable for Wood Workers), 203 37th, Brooklyn, N. Y.
 S. & L. Co., Springfield, Mass.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Smith Otis A. (For Wood Workers), Rockfall, Conn.
 Snell Mfg. Co., Fiskdale, Mass.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Stanley Rule & Level Co., New Britain, Conn.
 Star Bit & Tool Co., Rockford, Ill.
STARRETT L. S. CO. (Double Lip, etc), Athol, Mass. *See adv index at end of book*
 Stortz John & Son, 210 Vine, Phila., Pa.
 Swan Jas. Co., Seymour, Conn.
 Syracuse Twist Drill Co. ("Syracuse" Flat, Bit Stock, Clamps, Wood & Machine), Borden av, Syracuse, N. Y.
See adv index at end of book
 Tucke Mfg. Co. (Rose, Flat), Brockton, Mass.
 Vaughan & Bushnell Mfg. Co. ("V & B," Cast Steel), 2114 Carroll av, Chicago, Ill.
 Wells F. E. & Son Co., Greenfield, Mass.
 Whitman & Barnes Mfg. Co. (Bit Stock), Akron, O. *See adv index at end of book*
 Wood Morris & Son (Loose Center), 5108 W Lake, Chicago, Ill.

3277—Countersinks & Center Drills Combined

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Twist Drill & Tool Co., Detroit, Mich.
 Slocumb J. T. Co., 35 Oxford, Providence, R. I.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Union Twist Drill Co., Athol, Mass.

3278—Couplers (Car)

American Steel Foundries ("Simplex"), McCormick bldg, Chicago, Ill.
 Buckeye Steel Castings Co. (Cast Steel), Columbus, O.
 Gould Coupler Co. ("Gould"), 30 E 42nd, New York
 Jewett Car Co., Newark, O.
 McConway & Torley Co. ("Janney X," "Janney," "Penn," "Nemo," & "Pitt," Made from Open Hearth Cast Steel), 48th & A. V. R. R., Pittsburgh, Pa.
 Michigan Malleable Iron Co., Delray, Detroit, Mich.
 Monarch Steel Castings Co. ("Monarch," Solid "Detroit" Couplers & Coupler Attachments), Detroit, Mich.
 National Car Coupler Co. ("Hinson," "National" Freight, Passenger & Industrial Cars), 332 S Michigan av, Chicago, Ill.
 National Malleable Castings Co. ("Tower," "Climax," "Sharon," "Latrobe," "Munton," "Melrose," "Chicago"), Cleveland, O.
 Ohio Brass Co. ("Tomlinson"), Mansfield, Ohio
 Pratt & Letchworth Co. (Pooley), Buffalo, N. Y.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Sanford-Day Iron Works (Cushion), Knoxville, Tenn.
 Scullin Steel Co. ("Durbin" Safety), 6700 Manchester av, St. Louis, Mo.
 Standard Coupler Co. ("Latrobe," "Chicago," "Melrose"), 30 Church, New York
 Stark Car Coupler Corp. ("Stark" Automatic), Strasburg, Va.
 Van Dorn Coupler Co. (Automatic), 2325 S Paulina, Chicago, Ill.

3279—Couplers (Dog)

Niagara Falls Metal Stamping Works ("Premax Special"), Niagara Falls, N. Y.

3280—Couplers (Railroad Emergency)

Railway Appliance Co. ("Gilman Brown"), 122 S Michigan av, Chicago, Ill.

3281—Couplers (Shaft, Wagon, Etc.)

See also Anti-Rattlers, Steel
 Bradley C. C. & Son ("Bradley"), Syracuse, N. Y.
 Cleveland Hardware Co., Cleveland, O.
 Columbus Bolt Works Co., Columbus, O.
 Cowles C. & Co., New Haven, Conn.
 Eccles, Richards Co. (Drop Forged, Ball Bearing), Auburn, N. Y.
 Evans & Coppins Co., Princeton, Ill.
 Fernald Mfg. Co. ("Spitzli," "Empire," "Handy"), North End, Pa.
 Keystone Forging Co. (Drop Forged), Northumberland, Pa.
 Mulholland Co., Dunkirk, N. Y.
 Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, O.
 Seward M. & Son Co., New Haven, Conn.
 Smith H. D. & Co., Plantsville, Conn.
 Union Forging Co. (Straight Bar), Union, N. Y.
 Upson Nut Co., Cleveland, O.

3282—Couplers (Steam & Air Hose)

See also Couplings, Hose
 Claflin C. A. Co. ("Sure-Hold" Adjustable Clamp), 161 High, Boston, Mass.
 Consolidated Car Heating Co. ("Sewell"), Albany, N. Y.
 Manitowoc Ship Building Co. ("Gunnell," Automatic), Manitowoc, Wis.
 Powell Wm. Co., Cincinnati, O.

Railway Utility Co. ("Utility" High Pressure), 721 Fulton, Chicago, Ill.
 Rauch Mfg. Co. ("Eureka," "Reliable"), Galena, Kan.
 Westinghouse Automatic Air & Steam Coupler Co., Security bldg, St. Louis Mo.

Couplings (Air Hose)

See Pneumatic Hose Couplings; also Couplers, Steam Hose

3283—Couplings (Bell Cord)

See also Bell Cords & Couplers
 Creamer W. G. & Co., 96 John, New York
 Dayton Mfg. Co., Dayton, O.
 Handlan-Buck Mfg. Co. ("Shelby"), 210-14 N 3rd, St. Louis, Mo.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

3284—Couplings (Belt)

Greene, Tweed & Co. ("Moran's" Round), 109 Duane, New York
 Manufacturers' Belt Hook Co. ("L-X" Round), 113 N Green, Chicago, Ill.
 Mossberg Frank Co. (For Motor Cycles), Attleboro, Mass.

QUADRIGA MFG. & SPECIALTY CO. ("Quadrige" Round Belt), 213 W Grand av, Chicago, Ill.
See adv index at end of book

3285—Couplings (Boiler & Water Back)

Atkinson Co., Rochester, N. Y.
 Blake Specialty Co., Rock Island, Ill.
 Burlington Brass Works, Burlington, Wis.
 Campbell J. B. Brass Works, Erie, Pa.
 Central Brass Mfg. Co. ("Central"), 6206 Cedar, Cleveland, O.
 Exeter Brass Works, Exeter, N. H.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.
 Grabler Mfg. Co. (With Union), Cleveland, Ohio
 Haines, Jones & Cadbury Co., 1136 Ridge, Phila., Pa.
 Hamilton Jno. Brass Works ("Kitson"), Bridgeport, Conn.
 Hays Mfg. Co., Erie, Pa.
 Hoffmann & Billings Mfg. Co., 100 2d, Milwaukee, Wis.
 Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.
 Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Phila., Pa.
 Lawler Regulator Co. ("Lawler's" Protector), 55 W Houston, New York
 McDonald A. Y. Mfg. Co., Dubuque, Iowa
 Mueller H. Mfg. Co., Decatur, Ill.
 Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
 National Tube Co. ("KEWAUNEE" Circulating), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Peck Bros. & Co., New Haven, Conn.
 Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.
 Savill's Thos. Sons, 1310 Wallace, Phila., Pa.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Trenton Brass & Machine Co. ("Trenton," "Paragon" Inside Screw, Short Tapered, Tapered "Magee" & "New York" Patterns), Trenton, N. J.
 Union Metal Works, Chelsea, Mass.
 Wolff L. Mfg. Co., 601 W. Lake, Chicago, Ill.

3286—Couplings (Casing)

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

3287—Couplings (Clamp)

American Tool & Machine Co., 10 High, Boston, Mass.
 Bond Foundry & Machine Co., Mannheim, Pa.
 Brown A. & F. Co., 79 Barclay, New York
 Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Cresson-Morris Co. (Internal, etc), 18th & Allegheny av, Phila., Pa.

DODGE SALES & ENGINEERING CO. ("The Grim Death," Keyless, Ribbed), Mishawaka, Ind.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Morse A. J. & Son (Inc.), 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Valley Iron Works, Williamsport, Pa.
Walker Mfg. Co., Denver, Colo.
Wolf Co., Chambersburg, Pa.

3288—Couplings (Closet)

American Brass & Copper Co. (Also Closet Repairs), 138 Lafayette, New York
Hydraulic Specialty Co. ("Universal"), 427 Walnut, Phila., Pa.
Park & McKay, 55 Bagley av, Detroit, Mich.
Republic Rubber Co., Youngstown, O.
Salem Brass & Iron Mfg. Co. (Rubber), Salem, N. J.
Trenton Brass & Machine Co., Trenton, N. J.

3289—Couplings (Clutch)

American Tool & Machine Co., 10 High, Boston, Mass.
BARTLETT C. O. SNOW CO., French st, Cleveland, O. *See adv index at end of book*
Bond Foundry & Machine Co., Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York Works; Elizabethport, N. J.
Buhl Malleable Co., Detroit, Mich.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co. (Spiral, Square, etc), Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.
Erie Clutch & Pulley Co., Erie, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Falls Clutch & Machinery Co., Cuyahoga Falls, O.
Golden's Fdry & Machine Co., Columbus, Ga.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.
Hilliard Clutch & Machinery Co. (Cut-off), Elmira, N. Y.
Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Huntsville, Ala.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.

See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.

See adv index at end of book

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Mobile Pulley & Machine Co., Mobile, Ala.
Morse A. J. & Son, 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Thomas Coupling Co. ("Empire"), Troy, Pa.

Webster Mfg. Co., Tiffin, O.
Weller Mfg. Co., 853 W North av, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

3290—Couplings (Compression)

American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Bond Foundry & Machine Co. ("Spiro"), Manheim, Pa.
Brown A. & F. Co., 79 Barclay, New York Works; Elizabethport, N. J.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co. ("C. B. Co."), Milwaukee, Wis.
Dole Valve Co. (Double Compression), 208 N 5th av, Chicago, Ill.
Erie Clutch & Pulley Co., Erie, Pa.
Golden's Fdry & Machine Co., Columbus, Ga.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Hunter James Machine Co., N Adams, Mass.
Imperial Brass Mfg. Co. ("Imperial" Brass), 524 S Racine av, Chicago, Ill.
See adv index at end of book

JEFFREY MFG. CO., 961 N 4th, Columbus, O.

See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co. ("Collins"), Ross, Pittsburgh, Pa.
Lavigne Mfg. Co. (Brass), Detroit, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.

See adv index at end of book

McRAE & ROBERTS CO., 227 Campbell bell av, Detroit, Mich.

See adv index at end of book

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
NICHOLSON W. H. & CO. (Shaft), Wilkes-Barre, Pa.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.

Poole Engineering & Mach. Co., Woodberry Station, Baltimore, Md.

Royersford Foundry & Machine Co., Royersford, Pa.

Shaw Coupling Co., Syracuse, N. Y.
Stuart R. J. & T. H. (Wedge), New Hamburg, N. Y.

Valley Iron Works ("Hendershot"), Williamsport, Pa.

Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co. (Double Cone, etc), Chambersburg, Pa.

3291—Couplings (Conduit)

American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
Appleton Electric Co. (No Thread), 218 N Jefferson, Chicago, Ill.
Bonnell W. A. Co., 132 Church, New York
Burns Jas. F., 713 Cherry, Phila., Pa.
Central Tube Co., Pittsburgh, Pa.
Condit Electrical Mfg. Co. ("Chase" Nipple; Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.
Enameled Metals Co., Etna, Pa.
Fairmount Elec. & Mfg. Co. ("Bend-hicks"), 59th & Woodland av, Phila., Pa.
Gillette-Vibber Co. ("G. V. Universal"), New London, Conn.
Grabler Mfg. Co. (Fixture Studs), Cleveland, O.
McCabe Charles A. (Threadless), Wilkes-Barre, Pa.
National Metal Molding Co., Fulton bldg, Pittsburgh, Pa.
Safety Armorite Conduit Co., 525 3d av, Pittsburgh, Pa.
Sprague Electric Works, 527 W 34th, New York
Steel City Electric Co. ("Marchand" Flexible Steel), 1207 Columbus av, Pittsburgh, Pa.
Thomas & Betts Co. ("Erickson"), 105 Hudson, New York

Couplings (Conduit Rod)

See Rods, Conduit Wiring & Cleaning

3292—Couplings (Cut-Off)

ALLIS-CHALMERS MFG. CO. ("A. C." Friction Clutch), Milwaukee, Wis.
See adv index at end of book
American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York Works; Elizabethport, N. J.
Brown Clutch Co. ("Brown"), Sandusky, Ohio
Brown Engineering Co. ("Mule-Pull" Friction), 110 N 3rd, Reading, Pa.
See adv index at end of book
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
Carruthers & Fithian Clutch Co., Grove City, Pa.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Eastern Machinery Co., New Haven, Conn.
Edgemont Machine Co., Dayton, O.
Erie Clutch & Pulley Co., Erie, Pa.
Falls Clutch & Machy. Co., Cuyahoga Falls, O.

Hess-Snyder Co., Massillon, O.
HILL CLUTCH CO., 1000 W 58th, Cleveland, O.

Hilliard Clutch & Machy. Co., Elmira, N. Y.

JEFFREY MFG. CO., 961 N 4th, Columbus, O.

See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.

See adv index at end of book

Minster Machine Co., Minster, O.

Moore & White Co., N 15th & Lehigh av, Phila., Pa.

O. K. Clutch & Machy. Co., Columbus, Pa.

Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.

Thomas Coupling Co. ("Empire"), Troy, Pa.

Walker Mfg. Co. (Patent Balanced), Denver, Colo.

Webster Mfg. Co., Tiffin, O.

Wellman-Seaver-Morgan Co., Cleveland, O.

WESTLUND C. G. CO. ("Star Safety," "Westlund Split"), 498 Millbury, Worcester, Mass.

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co. ("Universal Giant" Friction Clutch), Chambersburg, Pa.

3293—Couplings (Drill Rod)

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

3294—Couplings (Expansion)

Elkhart Brass Mfg. Co. (Expansion Ring), Elkhart, Ind.
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Ohio Pump & Brass Co. (Expansion Rod), Columbus, O.

3295—Couplings (Flange)

American Tool & Machine Co., 10 High, Boston, Mass.
Atlanta Mfg. & Supply Co., Atlanta, Ga.
Brown A. & F. Co., 79 Barclay, New York Works; Elizabethport, N. J.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
Chain Belt Co., Milwaukee, Wis.
Cumberland Steel Co., Cumberland, Md.
Eastwood Benj. Co., Paterson, N. J.
Erie Clutch & Pulley Co., Erie, Pa.
Golden's Fdry. & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., 1000 W 58th, Cleveland, O.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Jefferson Union Co. ("Jefferson"), Lexington, Mass.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Mobile Pulley & Machine Co., Mobile, Ala.
Morse A. J. & Son, Inc., 221 High, Boston, Mass.
Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
Webster Mfg. Co., Tiffin, O.
Wolf Co., Chambersburg, Pa.
Wood's T. B. Sons Co., Chambersburg, Pa.

3296—Couplings (Flexible)

Atlanta Mfg. & Supply Co., Atlanta, Ga.
BOND CHAS. CO. ("Grundy" Insulated),
 520 Arch, Phila., Pa.

Brown A. & F. Co., 79 Barclay, New York.
 Works: Elizabethport, N. J.

Bruce-Macheth Engine Co., Cleveland, O.
 Caldwell H. W. & Son Co., 17th & Western
 av, Chicago, Ill.

Clark Flexible Coupling Co., 27 Walker,
 New York

Cresson-Morris Co., Allegheny & 18th,
 Phila., Pa.

Dexter I. H. Co., 27 Walker, New York
 Dodge Sales & Engineering Co., Mishawaka, Ind.

ELECTRIC CONTROLLER & MFG. CO.,
 Cleveland, O.

See adv index at end of book

Francke Co., New Brunswick, N. J.
 General Elec. Co., Schenectady, N. Y.

See adv index at end of book

Golden's Foundry & Machine Co., Columbus, Ga.

Hill Clutch Co., 1000 W 58th, Cleveland, O.
HOOVEN, OWENS, RENTSCHLER CO.
 ("Hamilton"), Hamilton, O.

See adv index at end of book

Jones W. A. Foundry & Machine Co.
 ("Jones"), 4401 W 12th, Chicago, Ill.

McEwen Bros., Wellsville, N. Y.

Mesta Machine Co. (For Rolling Mills,
 etc.), Pittsburgh, Pa.

See adv index at end of book

NUTTALL R. D. CO., McCandless & Har-
 rison av, Pittsburgh, Pa.

See adv index at end of book

Roots P. H. & F. M. Co., Connersville, Ind.
 Shays J. R. Jr., 30 Church, New York

Thomas Coupling Co. ("Simplex"), Troy,
 Pa.

**3297—*Couplings (Flexible Cush-
ion)**

NUTTALL R. D. CO., McCandless & Har-
 rison av, Pittsburgh, Pa.

See adv index at end of book

3298—Couplings (Friction Clutch)

Allis-Chalmers Mfg. Co. ("A C"), Mil-
 waukee, Wis. *See adv index at end of book*
 American Tool & Machine Co., 10 High,
 Boston, Mass.

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Brown A. & F. Co., 79 Barclay, New
 York. Works: Elizabethport, N. J.

Brown Clutch Co., Sandusky, O.

Brown Engineering Co. ("Mule-Pull" Cut
 Off), 110 N 3d, Reading, Pa.

See adv index at end of book

Caldwell H. W. & Son Co., 17th & Western
 av, Chicago, Ill.

Caldwell W. E. Co., 2270 Brook, Louis-
 ville, Ky. *See adv index at end of book*

Chain Belt Co., Milwaukee, Wis.

Cresson-Morris Co., Allegheny & 18th,
 Phila., Pa.

DODGE SALES & ENGINEERING CO.
 (Solid & Split), Mishawaka, Ind.

Eastern Machinery Co., New Haven,
 Conn.

Edgemont Machine Co., Dayton, Ohio

Erie Clutch & Pulley Co., Erie, Pa.

Fairbanks, Morse & Co. ("Eclipse"), 900
 S Wabash av, Chicago, Ill.

Falls Clutch & Machinery Co., Cuyahoga
 Falls, Ohio

Golden's Foundry & Mach. Co., Colum-
 bus, Ga.

HILL CLUTCH CO., 1000 W 58th, Cleve-
 land, O.

Hilliard Clutch & Machinery Co. (Cut-
 off), Elmira, N. Y.

JEFFREY MFG. CO., 961 N 4th, Colum-
 bus, O. *See adv index at end of book*

Jones W. A. Foundry & Machine Co.,
 ("Lemley"), 4401 W 12th, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park av, &
 P & R Ry, Phila., Pa.

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Medart Patent Pulley Co., St. Louis, Mo.

Morse A. J. & Son, 221 High, Boston, Mass.

Oesterlein Machine Co., Cincinnati, O.

Plamondon A. Mfg. Co., Chicago, Ill.

Poole Engineering & Machine Co., Wood-
 berry Station, Baltimore, Md.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Thomas Coupling Co. ("Empire"), Troy,
 Pa.

Walker Mfg. Co. (Patent Balanced), Den-
 ver, Colo.

Webster Mfg. Co., Tiffin, O.
 Wolf Co., Chambersburg, Pa.
 Wood's T. B. Sons Co., Chambersburg, Pa.
 Woonsocket Machine & Press Co., Woon-
 socket, R. I.

**3299—Couplings (Gravity, Locomo-
tive Tender)**

Adreon Mfg. Co. ("American"), Security
 bldg, St. Louis, Mo.

3300—Couplings (Hose)

See also Couplers, Steam & Air Hose;
 also Pneumatic Hose Couplings

Acme Brass Works, 147 Baxter, New York

Allen Fire Department Supply Co., 159
 Aborn, Providence, R. I.

Allen W. D. Mfg. Co. (Fire, Plain & Auto-
 matic), 570 W Lake, Chicago, Ill.

American Brass & Copper Co., 138 La-
 fayette, New York

American Foundry & Mfg. Co., 11th &
 Herbert, St. Louis, Mo.

Anderson Coupling & Fire Supply Co.
 (Automatic), Kansas City, Kans.

Boston Coupling Co. (Fire Hose), 156
 Pearl, Boston, Mass.

Boston Woven Hose & Rubber Co., Cam-
 bridge, Mass.

Buckeye Iron & Brass Works, Dayton, O.

Callahan Cornelius Co., 127 Purchase,
 Boston, Mass.

Cassidy, Fairbank Mfg. Co. ("Samson"),
 6126 S La Salle, Chicago, Ill.

Central Brass Stamping Co. ("Perfect
 Clinching," All Brass), Peoria, Ill.

Clark W. J. Co. ("Quick-as-a-Wink"),
 Salem, O.

Clay Jno. H. ("Clay-Jones" Fire Hose),
 1320 Ridge av, Phila., Pa.

Combination Ladder Co. ("McIntyre"),
 366 Fountain, Providence, R. I.

Compressed Air & General Machinery Co.
 ("Reardon"), 39 Stevenson, San Fran-
 cisco, Cal.

Crane Co. (Est. 1855), 836 S Michigan av,
 Chicago, Ill.

For branch offices see adv index at end of book

Edson Mfg. Co. ("Edson"), 257 Atlantic
 av, Boston, Mass.

Elkhart Brass Mfg. Co. ("Cowan,"
 "Fehy," also Suction Hose), Elkhart,
 Ind.

Fabric Fire Hose Co., 127 Duane, New
 York

Farnan Brass Works Co. ("Fehy"), 1105
 Center, Cleveland, O.

Fries & Co., 91 Main, Buffalo, N. Y.

Handlan-Buck Mfg. Co. ("Lightning" for
 Compound Air), 210-14 N 3d, St.
 Louis, Mo.

Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.

Hayward S. F. & Co., 250 W 54th, New
 York

Helwig Mfg. Co. ("Helwig" Automatic
 Shut-Off), St. Paul, Minn.

Hoffmann B. Mfg. Co., 257 6th, Milwau-
 kee, Wis.

Independent Pneumatic Tool Co., 1307
 Michigan av, Chicago, Ill.

James Mfg. Co. ("Klingtite"), Cleveland,
 Ohio

Kelly & Jones Co., 135 Water, Pittsburgh,
 Pa.

Knox Mfg. Co. (For Drill & High Pres-
 sure), 821 Cherry, Phila., Pa.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

McNab & Harlin Mfg. Co., 55 John, New
 York

McRae & Roberts Co. (Air & Gas), 227
 Campbell av, Detroit, Mich.

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McShane Bell Foundry Co., Harford av &
 B & O R R, Baltimore, Md.

Manitowoc Shipbuilding Co. ("Gunnell"),
 Manitowoc, Wis.

Morse A. J. & Son (Inc.), 221 High, Bos-
 ton, Mass.

Mulconroy Co. ("Mulconroy"), 54th & Jef-
 ferson, Phila., Pa.

National Tube Co., Frick bldg, Pittsburgh,
 Pa. *See adv index at end of book*

Neumeyer H. F. & Son ("Never Slip"),
 Macungie, Pa.

Newhall Geo. N. Enging. Co. ("Pahlow"),
 Commercial Tr. bldg, Phila., Pa.

Nunn Brass Works ("Emergency" Fire
 Hose), Rochester, N. Y.

Peck Bros. & Co., New Haven, Conn.

Peoria Can Co. ("Improved Perfect,"
 Clinching), Peoria, Ill.

Pioneer Brass Works ("P. B. W." Expan-
 sion Ring), Indianapolis, Ind.

Powell Wm. Co. (Ground Joint), Cincin-
 nati, Ohio

Rauch Mfg. Co. ("Eureka" & "Reliable"
 for Steam & Air Hose), Galena, Kans.

Reliance Metal Co., Norfolk Downs,
 Quincy, Mass.

Sherman H. B. Mfg. Co., Battle Creek,
 Mich.

Standard Brass & Iron Works (Brewers,
 etc; also for Steam Hose), 1820 St.
 Paul av, Milwaukee, Wis.

Stebbins E. Mfg. Co., Springfield, Mass.

Street & Kent Mfg. Co., 549 Fulton, Chi-
 cago, Ill.

Vapor Car Heating Co., 1450 Railway Ex.,
 Chicago, Ill.

Voorhees Rubber Mfg. Co., 18 Bostwick av,
 Jersey City, N. J.

Walworth Mfg. Co., Boston, Mass.

Waterbury Brass Goods Corporation
 (Wrought Brass), Waterbury, Conn.

WESTINGHOUSE AIR BRAKE CO.,
 Pittsburgh, Pa.

Wolverine Brass Works, Grand Rapids,
 Mich.

3301—Couplings (Hose Band)

Morgan Mfg. Co. ("Morgan's" Clamp),
 Newport, R. I.

Morse A. J. & Son, 221 High, Boston, Mass.

3302—Couplings (Hose, Fire)

Allen Fire Dept. Supply Co., 178 Dorrance,
 Providence, R. I.

Allen W. D. Mfg. Co., 570 W Lake, Chi-
 cago, Ill.

Anderson G. A. Mfg. Co. ("Anderson"),
 Bush & Russell, Baltimore, Md.

Boston Coupling Co., 156 Pearl, Boston,
 Mass.

Boston Woven Hose & Rubber Co., 170
 Summer, Cambridge, Mass.

Boyd Jas. & Brother, 25th & Wharton,
 Philadelphia, Pa.

Callahan Cornelius Co., 127 Purchase, Bos-
 ton, Mass.

Clay John H., 1320 Ridge av, Phila., Pa.

Elkhart Brass Mfg. Co., Elkhart, Ind.

Fabric Fire Hose Co., 127 Duane, New
 York

Farnan M. A. Brass Works Co., 1105 Cen-
 ter, Cleveland, O.

Sherman H. B. Mfg. Co., Battle Creek,
 Mich.

**3303—Couplings (Hydraulic Pipe
Line)**

National Tube Co., Frick bldg, Pittsburgh,
 Pa. *See adv index at end of book*

Yarnell-Waring Co. (Caskey-Simplex),
 Harrison bldg, Phila., Pa.

3304—Couplings (Insulated)

Bond Chas. Co., 520 Arch, Phila., Pa.

Brown A. & F. Co., 79 Barclay, New York
 Works: Elizabethport, N. J.

General Elec. Co., Schenectady, N. Y.

See adv index at end of book

3305—Couplings (Lead Flange)

Campbell J. B. Brass Works, Erie, Pa.

Glauber Brass Mfg. Co., 49th & Superior
 N E, Cleveland, O.

Hays Mfg. Co., Erie, Pa.

Mueller H. Mfg. Co., Decatur, Ill.

3306—Couplings (Lead Pipe)

Allyne Brass Foundry Co. ("Corcoran"),
 207 Crawford, Detroit, Mich.

Chapman Valve Mfg. Co. ("Anderson"),
 Indian Orchard, Mass.

Modern Iron Works, Quincy, Ill.

3307—Couplings (Meter)

Clark H. W. Co. ("Teksagon," "No Gas-
 ket"), Mattoon, Ill.

Hays Mfg. Co., Erie, Pa.

**When writing to firms listed
 in this book please mention
 HENDRICKS'
 COMMERCIAL RECISTER**

3308— Couplings (Pipe)

A. & J. Mfg. Co. (Wrought Iron), 559 W Lake, Chicago, Ill.
 Banner Mfg. Co. (for Urinal Basins), 109 Lafayette, New York
 Belknap Mfg. Co. (Circulating), Bridgeport, Conn.
 Central Tube Co., Pittsburgh, Pa.
 Chapman Valve Mfg. Co. ("Anderson"), Indian Orchard, Mass.
 Cohoes Rolling Mill Co., Cohoes, N. Y.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
CRESSMAN N. C. CO., Drexel bldg, Phila., Pa.
 Custer Coupling Co., Bradford, Pa.
 Dart E. M. Mfg. Co. ("Dart"), 136 Clifford, Providence, R. I.
See adv index at end of book
 Dayton Pipe Coupling Co. ("Dayton" All Steel), Dayton, O.
 Dresser S. B. Mfg. Co. ("Dresser"), Bradford, Pa.
 Eagle Metal Works (Reducing & Straight), 127 Purchase, Boston, Mass.
 Grabler Mfg. Co. (Wrought Iron), Cleveland, O.
 Hammon Coupler Co. ("Hammon"), Farmers Bank bldg, Pittsburgh, Pa.
 Illinois Malleable Iron Co., 1801 Diversey Blvd, Chicago, Ill.
See adv index at end of book
 Jefferson Union Co. ("Jefferson"), Lexington, Mass.
 Kelly & Jones Co. ("Kelly," Wrought Iron, etc.), 135 Water, Pittsburgh, Pa.
 Lawrenceville Bronze Co. ("O. K."), 31st & Penn. av, Pittsburgh, Pa.
LUNKENHEIMER CO. (Brass). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Malleable Iron Fittings Co. ("M. I. F. Co."), Bradford, Conn.
 Morse A. J. & Son, 221 High, Boston, Mass.
 National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.
 National Tube Co. (Wrought), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 South Chester Tube Co., Chester, Pa.
 Strater Herman & Sons, 74 Sudbury, Boston, Mass.

3309—Couplings (Pump Rod)

See Sockets, Pump Rod

3310— Couplings (Shafting)

ALLIS-CHALMERS MFG. CO. ("A. C" Friction Clutch), Milwaukee, Wis.
See adv index at end of book
 Almond T. R. Mfg. Co. (Angular or Quarter Turn Countershaft), Ashburnham, Mass.
 American Tool & Machine Co., 10 High, Boston, Mass.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
BOND FOUNDRY & MACHINE CO. (Compression), Manheim, Pa.
 Brightman Machine Co., Cleveland, O.
 Brown A. & F. Co., 79 Barclay, New York Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Campbell Machinery Co. ("Bull Dog"), 35 W 39th, New York
 Coronum Equipment Co. (Compression), 89 Fulton, New York
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
DODGE SALES & ENGINEERING CO. (All Types Keyed & Compression), Mishawaka, Ind.
 Eastwood Benj. Co., Paterson, N. J.
 Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.
 Falls Clutch & Machy. Co., Cuyahoga Falls, O.
 Franklin Machine Co., 189 Charles, Providence, R. I.
 Golden's Foundry & Machine Co., Columbus, Ga.
 Great Western Mfg. Co., Leavenworth, Kan.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Holyoke Machine Co., Holyoke, Mass.
 Hunter James Machine Co., North Adams, Mass.

Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Compression Flange, Clutch, etc., Huntsville, Ala.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
 Jones N. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
 Keystone Forging Co., Northumberland, Pa.
 Lane Mfg. Co., Montpelier, Vt.
 Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Lombard Iron Works & Supply Co., Augusta, Ga.
 McEwen Bros. (Flexible), Wellsville, N.Y.
 Medart Patent Pulley Co., St. Louis, Mo.
 Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
 Nicholson W. H. & Co. (Compression), Wilkes-Barre, Pa.
 Nordyke & Marmon Co., 1290 Ky av, Indianapolis, Ind.
 Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
 Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Royersford Fdry. & Machine Co., Royersford, Pa.
 Strong Homer Co. ("Estes"), Rochester, N. Y.
 Stuart R. J. & T. H., New Hamburg, N. Y.
 Thomas Coupling Co. ("Little Giant"), Troy, Pa.
 Webster Mfg. Co., Tiffin, O.
 Weller Mfg. Co., 853 W North av, Chicago, Ill.
 Western Iron & Foundry Co., Wichita, Kan
 Witte Engine Works, 16th & Oakland, Kansas City, Mo.
 Wolf Co., Chambersburg, Pa.

3311—Couplings (Soldering)

Campbell J. B. Brass Works, Erie, Pa.
 Exeter Brass Works, Exeter N. H.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Haydenville Co., Haydenville, Mass.
 Hays Mfg. Co., Erie, Pa.
 Mueller H. Mfg. Co., Decatur, Ill.
 Stebbins E. Mfg. Co., Springfield, Mass.

3312—Couplings (Sucker Rod)

American Well Works, Aurora, Ill.
See adv index at end of book
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Rumsey Pump Co. (Ltd.) (Wrought Forged), Box J, Seneca Falls, N. Y.
See adv index at end of book

3313— *Couplings (Swivel)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

3313a—*Couplings (Universal)

Mesta Machine Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*

3314— Couplings (Wire Rope)

See Clamps, Wire Rope

3315—Covers (Automobile Radiator)

Allen Auto Specialty Co., 16 W 61st, New York
 B. E. Mfg. Co. ("Bemco"), 444 B'way, New York
 Feeser Frank S. Co. ("Superior"), Indianapolis, Ind.
 Gordon J. P. Co., Columbus, O.
 Kroh C. Z. Mfg. Co., Toledo, O.
 McKinnon Dash Co., Buffalo, N. Y.
 Peters & Herron Dash Co., Gift & Culbertson, Columbus, O.
 Premier Auto Novelty Mfg. Co., 375 W B'way, New York
 Sioux City Auto Top Co., Sioux City, Ia.

3316— Covers (Barrel)

Bemis Bro. Bag Co. (New & Second Hand) 601 S 4th, St. Louis, Mo.
 Monville, Gilles & Co. (Burlap), 127 Catharine, Phila., Pa.
 Parks M. H. & Co. ("Gem," "Champion"), Winchendon, Mass.

3317— Covers (Battery Jar)

American Hard Rubber Co., 9 Mercer, New York
 Auburn Button Works, Auburn, N. Y.
 Consumers' Rubber Co. ("Euclid"), Cleveland, O.
 Dickinson Mfg. Co., Springfield, Mass.
 Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.
 Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.
 Hemming Mfg. Co., Garfield, N. J.
 Stokes Jos. Rubber Co., Trenton, N. J.

3318— *Covers (Binder)

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Canvas Covers for All Farm Needs), 702 Harvester bldg, Chicago, Ill.
See adv index at end of book

3319—Covers (Binder, Implement & Stack)

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
ATLANTA TENT & AWNING CO., Atlanta, Ga.
 Harry O. K. Steel Co. ("O. K. Harry"), 2333 Papin, St. Louis, Mo.
 Herschel R. Mfg. Co. ("R. H. Mfg. Co."), Peoria, Ill.
 Henry & Allen ("H. & A."), Auburn, N. Y.
 Johnston Harvester Co. ("Johnston"), Batavia, N. Y.
 Krechmer Mfg. Co. (Corrugated Steel), Council Bluffs, Ia.
 Sparta Plow Works ("Sparta"), Sparta, Ill.
 Whitaker Mfg. Co. ("Perfect Fit"), 409 S Green, Chicago, Ill.

3320— Covers (Broom)

Bemis Bro. Bag Co. (Paper, Cotton & Burlap), 601 S 4th, St. Louis, Mo.
 Fischer Bros. & Corwin ("Protectors"), 635 N 3d, Newark, N. J.
 Genesee Textile Co. ("Tex-Style," Dustless), Rochester, N. Y.
 Harris Bag Co., Caxton bldg, Cleveland, O.
 Pioneer Mfg. Co. ("Shino" Chemical), Cleveland, O.

3321— Covers (Canvas)

See also Tarpaulins, Wagon Covers, etc.
 Also Tents, Contractors', etc.
ATLANTA TENT & AWNING CO., Atlanta, Ga.
 Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.
 Dafoe-Eustice Co. (Waterproof), 340 Jefferson, Detroit, Mich.
 Ohio Canvas Goods Mfg. Co., 916 Summit, Toledo, O.
 Stanley Wm. W. (Waterproof), 50 Church, New York
 Wyandotte Awning & Tent Co., Kansas City, Kans.

3322— Covers (Catch Basin)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Brown Specialty Machy. Co., 2440 W 22d, Chicago, Ill.
 Burr Co., Champaign, Ill.
 Canton Foundry & Machine Co., Canton, O.
 Compound Injector & Specialty Co. ("Dehn's," "Acme"), 419 N Laramie av, Chicago, Ill.
 Decatur Foundry Co., Decatur, Ill.
 Davies & Thomas Co., Catasauqua, Pa.
 Duplex Mfg. & Foundry Co., Euclid, O.
 Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.
 Galion Iron Works & Mfg. Co., Galion, O.
 Greenwood Mfg. Co. ("Boosey's"), 540 Greenwich, Detroit, Mich.
 Hastings Foundry & Iron Works, Hastings, Neb.
 Illinois Malleable Iron Co., 1801 Diversey Blvd, Chicago, Ill.
See adv index at end of book

MACKINNON BOILER & MACHINE CO.,
218 N Water, Bay City, Mich.
See adv index at end of book
Madison Foundry Co. ("Acme"), Cleve-
land, O.
Meyer Foundry & Mfg. Co., South Bend,
Ind.
Mott J. L. Iron Works, Trenton, N. J.
Nazareth Fdry. & Machine Co., Nazareth,
Pa.
Stowell Co. The, So Milwaukee, Wis.
Vulcan Iron Works, 327 N Irving av,
Chicago, Ill.
Youngstown Foundry & Machine Co.,
Youngstown, O.

3323— Covers (Cistern)

Adams Co., Dubuque, Ia.
American Scale Co., Kansas City, Mo.
Majestic Co. ("Majestic" Ring & Cover
with Drop Handle), Huntington, Ind.
Phillips & Buttorff Mfg. Co. (Cast Iron),
Nashville, Tenn.
Sperry D. R. & Co., North Aurora, Ill.
Sterling Foundry Co. ("Best"), Sterling,
Ill.
Waterloo Register Co., Waterloo, Ia.

3324— Covers (Coal Hole)

American Abrasive Metals Co., 50
Church, New York
American Mason Safety Tread Co. ("Safe-
ty"), Lowell, Mass.
American 3-Way Prism Co., La Porte,
Ind.
Barber Mfg. Co. (With or Without
Glass), Ashtabula, O.
Bolles J. E. Iron & Wire Works, 4th &
Porter, Detroit, Mich.
Brown Specialty Machy. Co., 2440 W 22d,
Chicago, Ill.
Burr Co., Champaign, Ill.
Canton Foundry & Machine Co. (Solid &
Ventilated), Canton, O.
Chattanooga Roofing & Foundry Co., Chat-
tanooga, Tenn.
Covert H. W. Co., 351 Lexington av, New
York
Creswell Samuel J. Iron Works, 23d &
Cherry, Phila., Pa.
Dauchy Iron Works, 223 W Illinois, Chi-
cago, Ill.
Frantz Mfg. Co., Sterling, Ill.
Hastings Foundry & Iron Works, Hast-
ings, Neb.
Love Bros, Aurora, Ill.
McGuigan John & Co., 142 Stillman, San
Francisco, Cal.
McLagon Foundry Co., New Haven, Conn.
MACKINNON BOILER & MACHINE CO.,
218 N Water, Bay City, Mich.
See adv index at end of book
Madison Foundry Co. ("Acme"), Cleve-
land, O.
Mesker Geo. L. & Co., Evansville, Ind.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Paxton & Vierling Iron Works, Omaha,
Neb.
ST. PAUL FOUNDRY CO., Como av &
Mackubin, St. Paul, Minn.
See adv index at end of book
Smith F. P. Wire & Iron Works, Lake &
Dearborn, Chicago, Ill.
See adv index at end of book
Standard-Tyler Co., 2436 W 15th, Chicago,
Ill.
Sterling Foundry Co., Sterling, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
Vierling Steel Works, 23d & Stewart av,
Chicago, Ill.

3324a— Covers (Crucible)

Dixon Joseph Crucible Co., Jersey City,
N. J. *See adv index at end of book*
McCullough-Dalzee Crucible Co., 36th &
A. V. Ry., Pittsburgh, Pa.

3325— Covers (Dish, Wire)

National Mfg. Co. ("Natwire"), Worces-
ter, Mass.
Parker Wire Goods Co., Worcester, Mass.

3326—*Covers (Grain Binder)

**INTERNATIONAL HARVESTER COM-
PANY OF AMERICA, Inc.,** 702 Har-
vester bldg, Chicago, Ill.
See adv index at end of book

3327— *Covers (Horse)

**ATLANTA TENT & AWNING CO., At-
lanta, Ga.**
Aronoff Joseph J., 120 Hamilton av, Tren-
ton, N. J.
COUCH BROS. MFG. CO., Atlanta, Ga.

3328—Covers (Hydro-Extractor)

Firsching John A., Utica, N. Y.

3329—Covers (Laundry Tub)

Adjusto Specialty Co., Springfield, Mass.
Eichman J. C. Mfg. Co., Bush & Wicom-
ico, Baltimore, Md.
Greason Mfg. Co. ("U N X L D," Gal-
vanized), 108 W 99th, New York
Household Granite Tub Co. ("Ramsdell"
Metallic), New Haven, Conn.
Shwab Bros. Co. (Galvanized), 811 E 9th,
New York

3330— Covers (Manhole)

American Foundry & Mfg. Co., 11th &
Herbert, St. Louis, Mo.
Aylward Sons Co., Neenah, Wis.
Barber Mfg. Co., Ashtabula, O.
Beggs Pipe & Fdry. Co., Birmingham,
Ala.
Bissell F. Co., 230 Huron, Toledo, O.
Buckeye Foundry Co., Queen City av &
Buck, Cincinnati, O.
Builders' Iron Foundry ("Builders"), 9
Coddington, Providence, R. I.
Burr Co., Champaign, Ill.
Caldwell E. R. & Co., Bradford, Pa.
Canton Foundry & Machine Co., Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Chattanooga Car & Foundry Co., Chatta-
nooga, Tenn.
Chattanooga Roofing & Foundry Co., Chat-
tanooga, Tenn.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co. (Also Pivot), New-
burgh, N. Y.
Columbian Iron Works, Chattanooga,
Tenn.
Concord Foundry & Machine Co. (Also
Grates & Traps), Concord, N. H.
Cope T. J., 1620 Chancellor, Phila., Pa.
Creswell Samuel J. Iron Works, 23d &
Cherry, Phila., Pa.
Davies & Thomas Co., Catasauqua, Pa.
Dearborn Foundry Co., 1922 Archer av,
Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara
Falls, N. Y.
Drummond M. J. & Co., 51 Chambers,
New York
Duplex Mfg. & Foundry Co., Euclid, O.
Enterprise Foundry Co., Rochester, N. Y.
Fagan Iron Works, 14th, Jersey City,
N. J.
Galena Foundry & Machine Co., Galena,
Kan.
Globe Foundry & Machine Co., Sheboy-
gan, Wis.
Hassell Iron Works Co., Colorado
Springs, Col.
Hastings Foundry & Iron Works, Hast-
ings, Neb.
Hay Foundry & Iron Works, Plum Point
la., Newark, N. J.
Hennessey Foundry Co., Springfield, O.
Holbrook-Armstrong Iron Co., Racine,
Wis.
Illinois Malleable Iron Co., 1801 Diversey
blvd, Chicago, Ill.
See adv index at end of book
Industrial Iron Works, Clinton, Mo.
Iowa Steel & Iron Works, Cedar Rapids,
Ia.
Jones W. A. Foundry & Machine Co.,
4401 12th, Chicago, Ill.
Keokuk Hydraulic Tire Setter Co., Keo-
kuk, Ia.
Kramer Bros. Foundry Co., Dayton, O.
Kuhns Bros., Dayton, O.
McDonald Foundry, Columbus, O.
MACKINNON BOILER & MACHINE CO.,
218 N Water, Bay City, Mich.
See adv index at end of book
Madison Foundry Co. ("Acme"), Cleve-
land, Ohio
Maher & Flockhart, 76 Polk, Newark,
N. J.
Meyer Foundry & Mfg. Co., South Bend,
Ind.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book

Millar Chas. & Son Co., Utica, N. Y.
Minneapolis Steel & Machinery Co., 29th &
Drexel, Minneapolis, Minn.
Modern Iron Works, Quincy, Ill.
Morris Elmer P., 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
Munnsville Plow Co., Munnsville, N. Y.
New Brunswick Iron Works, New Bruns-
wick, N. J.
Nordeen H. G. Everett, Wash.
Over Ewald, Indianapolis, Ind.
Parsons G. W. Co., Newton, Ia.
Paxton & Vierling Iron Works, Omaha,
Neb.
Phillips & Buttorff Mfg. Co., Nashville,
Tenn.
Rempis & Gallmeyer Foundry Co., Grand
Rapids, Mich.
Roanoke Iron Works, Roanoke, Va.
Russell Albert & Sons Co., Newburyport,
Mass.
Russel Wheel & Foundry Co., Detroit,
Mich.
ST. PAUL FOUNDRY CO., Como av &
Mackubin, St. Paul, Minn.
See adv index at end of book
Santa Fe Foundry Co., Richmond, Cal.
Sessions Foundry Co. (Subway, etc), Bris-
tol, Conn.
South Bend Fdry. Co., South Bend, Ind.
South Park Foundry & Machine Co., St.
Paul, Minn.
Springfield Fdry. Co., Springfield, Mass.
Standard Foundry Co., Buffalo, N. Y.
Stary Frank & Sons, Cedar Rapids, Ia.
Steiger & Kerr Stove & Foundry Co., Fol-
som & 18th, San Francisco, Cal.
Stuart Foundry Co., Detroit, Mich.
Thompson J. & Co., Van Horn & Sophia,
Phila., Pa.
Toledo Foundry & Machine Co., Toledo,
Ohio
Tuscaloosa Iron Works, Tuscaloosa, Ala.
Tyler Underground Heating System, 815
S Canal, Pittsburgh, Pa.
United Iron Works Co., Springfield, Mo.
U. S. Cast Iron Pipe & Foundry Co., Bur-
lington, N. J.
Universal Cable Grip Co., Syracuse, N. Y.
Vulcan Iron Works, 327 N Irving av, Chi-
cago, Ill.
Wallace Machine & Foundry Co., Lafay-
ette, Ind.
Wearne Brothers, Omaha, Neb.
Western Iron & Foundry Co., Wichita,
Kan.
Youngstown Foundry & Machine Co.,
Youngstown, O.

3331— Covers (Nut)

See also Caps, Hub

Erle Stamping & Mfg. Co. (Pressed Steel),
Erle, Pa.
Glauber Brass Mfg. Co. (Nickel Plated),
49th & Superior av N E, Cleveland, O.

3332—Covers (Paper Shipping)

Harris Bag Co., Caxton bldg, Cleveland, O.
Herrlinger & Co. (For Buggies), 206 Wal-
nut, Cincinnati, O.
Kennedy Car Liner & Bag Co., Shelby-
ville, Ind.
Seinsheimer Paper Co., York & McLean,
Cincinnati, O.
Thompson & Norris Co., The (Corrugated),
Concord & Prince, Brooklyn, N. Y.

3333— Covers (Pot)

Cassady, Fairbank Mfg. Co. ("Lasher's"
Spring Handle), 6126 S La Salle, Chi-
cago, Ill.
Chapman Co. ("Neverslip"), Geneva, N. Y.
Ford Mfg. Co., Newark, N. J.
Kitchen Specialty Mfg. Co., Reading, Pa.
Lasher Mfg. Co., Davenport, Ia.
Republic Metal Ware Co., Buffalo, N. Y.
Royal Mfg. Co., Denckla bldg, Phila., Pa.
Troy Stamping Works, Troy, N. Y.

3334—Covers (Service Box)

American Foundry & Mfg. Co., 11th &
Herbert, St. Louis, Mo.
Patterson Mfg. Co. ("Nobolt"), Keystone
bldg, Pittsburgh, Pa.

3335— Covers (Shoe)

Endura Mfg. Co. ("Duraflex"), 63d & East-
wick av, Phila., Pa.
Rubber Fibre Co. ("Elasto"), 560 First,
Boston, Mass.

3336— Covers (Shuttle)

Disston Henry & Sons, Tacoma, Phila., Pa.

3337—Covers (Steering Wheel)Empire Tire & Rubber Corp. ("Empire"), East Trenton, N. J.
*See adv index at end of book***3338—Covers (Table, Paper)**Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Scott Paper Co., 7th & Glenwood, Phila., Pa.**3339— Covers (Tire)**Allen Auto Specialty Co. ("Allen"), 16 W 61st, New York
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
Gordon J. P. Co., Columbus, O.
Peters & Herron Dash Co., Gift & Culbertson, Columbus, O.**Covers (Wash Tub)***See Covers, Laundry Tub***3340— Cows (Chimney)**

Pullman Automatic Ventilator Mfg. Co. ("Pullman" Ventilating Cow), York, Pa.

3341— Crabs (Hoisting)American Hoist & Derrick Co. (Single & Double Drum), St. Paul, Minn.
Brown Hoisting Machinery Co., 4403 St. Clair N E, Cleveland, O., & 50 Church, New York. *See adv index at end of book*
Byers John F. Machine Co. (Hook & Chain Stone Crabs, etc), 242 S Sycamore, Ravenna, O. *See adv index at end of book*
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.**CLYDE IRON WORKS, Duluth, Minn.***See adv index at end of book*Dake Engine Co., Grand Haven, Mich.
Dempster Mill Mfg. Co., Beatrice, Neb.
Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
Galena Iron Works Corp., Galena, Ill.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hess-Martin Iron Works, Portland, Ore.
National Iron Co., Duluth, Minn.
Niles Mine & Mill Supply Co., Cleveland, OhioRound D. & Son, Cleveland, O.
United Iron Works Co., Springfield, Mo.
Vogl Tool Co., 910 & 19th, Kansas City, Mo.
Vulcan Iron Works, Wilkes-Barre, Pa.**3342— Crabs (Pole)**English & Mersick Co., New Haven, Conn.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.
Woodruff Walter W. & Sons Co., Mount Carmel, Conn.**3343— Cradles (Children's)**

Abbott John G. (Est. of), (Rocking), Antrim, N. H.

Automatic Cradle Mfg. Co. (Self-Swinging), Stevens Point, Wis.

Banner Mfg. Co. (Rocking), Mt. Airy, N. C.
Cream City Bedding Co. (Rocking & Swinging), 3200 Fond du Lac av, Milwaukee, Wis.

Fletcher Furniture Co. (Rocking), Nashua, N. H.

Johnson P. (Rocking), 856 W Erie, Chicago, Ill.

Milwaukee Woven Wire Works (Rocking), 3014-20 Clarke, Milwaukee, Wis.

Paige E. C. (Rocking & Swinging), Antrim, N. H.

Preuss R. J. Co. (Rocking & Swinging), 388 38th, Milwaukee, Wis.

Simmons Mfg. Co., 1347 Michigan, Chicago, Ill.

Sussman H. (Rocking & Swinging), 232 E 111th, New York

3344— Cradles (Grain)

Andres Jos., Kelso, Ind.

Brinser E. C. Sons, Richmond, Va.

Counts J. C., Prosperity, S. C.

Derby & Ball, Bellows Falls, Vt.

Fuss J. C., Kauffman, Pa.

McGuire B. C. J., Wilmore, Pa.

North Indianapolis Cradle Works, Indianapolis, Ind.

Schwob J. A. Co., Moundsville, W. Va.

Seymour Mfg. Co., Seymour, Ind.

Walck, Henry S., Greencastle, Pa.

3345—Crane Controllers (Electric)

Allen-Bradley Co ("Allen-Bradley"), Milwaukee, Wis.

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Cutler-Hammer Mfg. Co., 1200 St. Paul av, Milwaukee, Wis.

*See adv index at end of book***ELECTRIC CONTROLLER & MFG. CO.** (Reversing, for Electric Cranes, Hoists, etc), Cleveland, O.*See adv index at end of book*

Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book***3346— *Crane Runways****CHICAGO BRIDGE & IRON WORKS, (Steel), 2015 Old Colony bldg, Chicago, Ill.***For branch offices see adv index at end of book***NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.** *See adv index at end of book***PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.** *See adv index at end of book***3347-8— Cranes**

For Various Kinds of Cranes See Sub-classifications following

Advance Engineering Co., Metta av, Cleveland, O.

Alliance Machine Co., Alliance, O.
Box Alfred & Co., 813 N Front, Phila., Pa.**BROWN HOISTING MACHINERY CO.,** 4403 St. Clair, N E, Cleveland, O.
See adv index at end of book

Browning Co., Cleveland, O.

Bucyrus Co., South Milwaukee, Wis.
Carlin John H. Machine Co., Pittsburgh, Pa.**CHICAGO BRIDGE & IRON WORKS,** 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.

Curtis & Co. Mfg. Co. (Air), St. Louis, Mo.

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*

Dillon-Box Iron Works Co., Denver, Col.

Euclid Crane & Hoist Co., Euclid, O.

Franklin Portable Crane & Hoist Co. ("Franklin"), Box 516, Franklin, Pa.

Hoisting Machinery Co., 50 Church, New York

Industrial Works, Bay City, Mich.

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.

See adv index at end of book

Lane Mfg. Co. ("Anderson") Rope Driven Traveling, Montpelier, Vt.

Lincoln Iron Works, Rutland, Vt.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.*See adv index at end of book*Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

McMyler-Interstate Co., Bedford, O.

Maris Bros., 56th & Gray's av, Phila., Pa.

Milton S. G. & Son ("Champion"), Franklin, Pa.

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Wis.

PITTSBURGH-DES MOINES STEEL CO.,
4th & Ross, Pittsburgh, Pa.
See adv index at end of book

Reading Crane & Hoist Works, Reading,
Pa.

Shaw Electric Crane Co., 119 W 40th, New
York

Shriver T. & Co., Harrison, N. J.

Smith, Whitcomb & Cook Co., Barre, Vt.

SPEIDEL J. G., Reading, Pa.
See adv index at end of book

Terry Edw. F. Mfg. Co. (Shipyard), Grand
Central Term., New York

Toledo Bridge & Crane Co., 2500 Dorr, To-
ledo, O.

Wellman-Seaver-Morgan Co., Cleveland,
Ohio

Whiting Foundry Equipment Co., Harvey,
Ill.

WONHAM, BATES & GOODE, INC., 17
Battery pl, New York

Wood R. D. & Co., 400 Chestnut, Phila.,
Pa.

Cranes (Air)

See Cranes, Pneumatic

3349— Cranes (Bracket)

Brown Hoisting Machinery Co., 4403 St.
Clair, N E, Cleveland, O.

See adv index at end of book

Curtis & Co. Mfg. Co. (Hand or Power),
1571 Kienlen av, St. Louis, Mo.

Whiting Foundry Equipment Co., Harvey,
Ill.

3350— Cranes (Bridge)

Brown Hoisting Machinery Co., 4403 St.
Clair, N E, Cleveland, O.

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DETROIT HOIST & MACHINE CO., De-
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cago, Ill., & Hunting Park av & P. &
R. Ry., Phila., Pa.

See adv index at end of book

Toledo Bridge & Crane Co., 2500 Dorr,
Toledo, O.

Whiting Foundry Equipment Co., Harvey,
Ill.

3350a— *Cranes (Bucket)

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

3351—Cranes (Canning Factory)

Zastrow Geo. W. ("Zastrow"), 1410
Thames, Baltimore, Md.

3352— Cranes (Cantilever)

Brown Hoisting Machinery Co., 4403 St.
Clair N E, Cleveland, O.

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Case Crane & Engineering Co., Columbus,
Ohio

Cleveland Crane & Engineering Co., Box
152, Wickliffe, O.

LINK-BELT CO., 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av & P. &
R. Ry., Phila., Pa.

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82 Beaver, New York

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Orton & Steinbrenner Co., 610 S Dearborn,
Chicago, Ill.

Pawling & Harnischfeger Co., Milwaukee,
Wis.

Russel Wheel & Foundry Co., Detroit,
Mich.

Toledo Bridge & Crane Co., 2500 Dorr,
Toledo, O.

Wellman-Seaver-Morgan Co., Cleveland, O.

Whiting Foundry Equipment Co., Harvey,
Ill.

**3353—Cranes (Charging & Draw-
ing)**

Alliance Machine Co., Alliance, O.

Cleveland Crane & Engineering Co., Box
152, Wickliffe, O.

MORGAN ENGINEERING CO., Alliance,
Ohio. *See adv index at end of book*

Neumeyer & Dimond ("Demag," Imp), 82
Beaver, New York

Pawling & Harnischfeger Co., Milwaukee,
Wis.

Wellman-Seaver-Morgan Co., Cleveland, O.

Whiting Foundry Equipment Co., Harvey,
Ill.

3354—Cranes (Charging & Truing)

Cleveland Crane & Engineering Co., Box
152, Wickliffe, O.

**3355—Cranes (Concentric Travel-
ing)**

Cleveland Crane & Engineering Co., (Cir-
cular Runway), Box 152, Wickliffe, O.

Whiting Foundry Equipment Co. (Circular
Runway), Harvey, Ill

3356— Cranes (Derrick)

CHICAGO BRIDGE & IRON WORKS,
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Cleveland Crane & Engineering Co., Box
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Locomotive Crane Co., Bucyrus, O.

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burgh, Pa.

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Union Tool Co. (For Oil & Gas Wells), Los
Angeles, Cal.

3357— *Cranes (Dock)

Brown Hoisting Machinery Co., 4403 St.
Clair, N E, Cleveland, O.

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cago, Ill., & Hunting Park av & P. &
R. Ry., Phila., Pa.

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Locomotive Crane Co., Bucyrus, O.

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NORTHERN ENGINEERING WORKS, 9
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**3358—Cranes (Electric Locomo-
tive)**

BROWN HOISTING MACHINERY CO.,
4403 St. Clair, N E, Cleveland, O.

See adv index at end of book

Browning Co., Cleveland, O.

Exeter Machine Works, Pittston, Pa.

Industrial Works, Bay City, Mich.

Johnson & Jennings Co., Addison rd & N.
Y. C. R. R., Cleveland, O.

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LINK-BELT CO., 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av & P. &
R. Ry., Phila., Pa.

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LOCOMOTIVE CRANE CO., THE, Bu-
cyrus, O. *See adv index at end of book*

Maine Electric Co., Portland, Me.

Neumeyer & Dimond ("Demag," Imp.), 82
Beaver, New York

NORTHERN ENGINEERING WORKS, 9
Chene, Detroit, Mich.

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Whiting Foundry Equipment Co., Harvey,
Ill.

**3358a—*Cranes (Electric Railway
Wrecking)**

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

3359—Cranes (Electric Traveling)

Alliance Machine Co. (Also Electric Jib),
Alliance, O.

American Machine & Mfg. Co., Cleveland,
Ohio

Bedford Foundry & Machine Co., Bedford,
Ind.

Box Alfred & Co., 813 N Front, Phila., Pa.

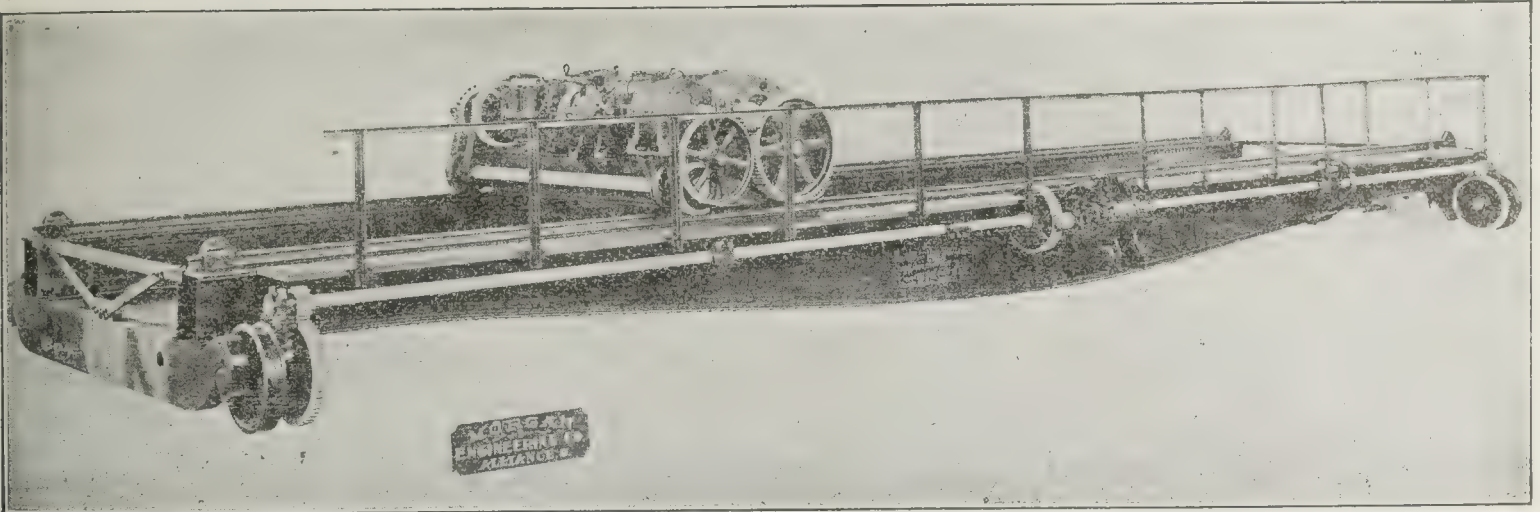
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Lake Shore blvd, Cleveland, O.

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Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
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Locomotive Crane Co., Bucyrus, O. *See adv index at end of book*
McMyler-Interstate Co., Bedford, O.
Maris Bros. 56th & Gray's Ferry rd, Phila., Pa.
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Scully Jones & Co., Railway Exchange, Chicago, Ill.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
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SHEPARD ELECTRIC CRANE & HOIST CO. ("Shepard"), Montour Falls, N. Y. *See adv index at end of book*
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3360— Cranes (Forge)

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Case Crane & Engineering Co., Columbus, O.
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Johnson & Jennings Co. (Electric), Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*
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Toledo, O.
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Whiting Foundry Equipment Co., Harvey,
Ill.

3361—Cranes (Gantry)

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BROWN HOISTING MACHINERY CO.,
4403 St. Clair N E, Cleveland, O.
See adv index at end of book
Browning Victor R. & Co., 17701 Lake
Shore blvd, Cleveland, O.
See adv index at end of book
Case Crane & Engineering Co., Colum-
bus, O.
Cleveland Crane & Engineering Co., Box
152, Wickliffe, O.
Cleveland Punch & Shear Works Co., 3921
St. Clair av, N E, Cleveland, O.
Curtis & Co. Mfg. Co. (Hand or Power),
1571 Kienlen av, St. Louis, Mo.
Hunt C. W. Co., West Brighton, N. Y.
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cago, Ill., & Hunting Park av & P. &
R. Ry, Phila., Pa.
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See adv index at end of book
McMyler-Interstate Co., Bedford, O.
MORGAN ENGINEERING CO., Alliance,
O. *See adv index at end of book*
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Beaver, New York
New Jersey Foundry & Machine Co., 89
West, New York
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Chicago, Ill.
Pawling & Harnischfeger Co., (Electric),
Milwaukee, Wis.
Russel Wheel & Foundry Co., Detroit, Mich.
Shaw Electric Crane Co., 119 W 40th, New
York
Toledo Bridge & Crane Co., 2500 Dorr, To-
ledo, O.
Wellman-Seaver-Morgan Co., Cleveland, O.
Whiting Foundry Equipment Co., Harvey,
Ill.
Wood R. D. & Co. (With Hydraulic Hoist
& Electric Rotation), 400 Chestnut,
Phila., Pa.

3362—*Cranes (Grab Bucket)

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N. Y. C. R. R., Cleveland, O.
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cago, Ill., & Hunting Park av & P. &
R. Ry, Phila., Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
SHEPARD ELECTRIC CRANE & HOIST
CO., Montour Falls, N. Y.
See adv index at end of book

3363—Cranes (Hand Power)

Alliance Machine Co., Alliance, O.
Box Alfred & Co. (Traveling), 813 N
Front, Philadelphia, Pa.
Brown Hoisting Machinery Co., 4403 St.
Clair, N E, Cleveland, O.
See adv index at end of book
Busch J. C. Co., 140 Ferry, Milwaukee, Wis.
Case Crane & Engineering Co., Columbus,
O.
Channon Jas. H. Mfg. Co. (Jib, Traveling,
etc), 227 W Erie, Chicago, Ill.
Cincinnati Iron & Steel Co. ("CISCO"), Cin-
cinnati, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
COBURN TROLLEY TRACK MFG. CO.
(And Hand Power Traveling), P. O.
Box 721, Holyoke, Mass.
Curtis & Co. Mfg. Co., 1671 Kienlen av, St.
Louis, Mo.

DETROIT HOIST & MACHINE CO., De-
troit, Mich. *See adv index at end of book*
Dillon-Box Iron Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Main Of-
fice & Works, Niagara Falls, N. Y.
Euclid Crane & Hoist Co., Euclid, O.
Exeter Machine Works, Pittston, Pa.
Harrington Edw. Son & Co., 17th & Cal-
lowhill, Phila., Pa.

Hoisting Machinery Co., 50 Church, New
York
Imperial Iron Works (Traveling), Duluth,
Minn.
Industrial Works, Bay City, Mich.
Johnston & Jennings Co., Addison road &
N. Y. C. R. R., Cleveland, O.
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ries & Stone Mills, etc), Rutland, Vt.
Maris Bros., 56th & Gray's Ferry rd, Phila.,
Pa.
Milton S. G. & Son ("Champion"), Frank-
lin, Pa.
Moore Franklin Co., Winsted, Conn.
Morgan Cons. Co. (Traveling), Worcester,
Mass.

New Jersey Foundry & Machine Co., 89
West, New York

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Chene, Detroit, Mich.

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Milwaukee, Wis.

Reading Crane & Hoist Works (Traveling,
etc), Reading, Pa.

Ryerson Jos. T. & Son, 2558 W 16th, Chi-
cago, Ill.

St. Cloud Iron Works Co. (Hand Power
Traveling), St. Cloud, Minn.

Shaw Electric Crane Co., 119 W 40th, New
York

Shriver T. & Co., Harrison, N. J.
SPEIDEL JOHN G. (Hand Power Travel-
ing), Reading, Pa.

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Toledo Bridge & Crane Co., 2500 Dorr,
Toledo, O.

Triumph Ice Machine Co., Oakley, Cincin-
nati, O.

Whiting Foundry Equipment Co. (Hand
Power, Traveling, etc), Harvey, Ill.

Yale & Towne Mfg. Co., 9 E 40th, New
York

3364—Cranes (Hand Traveling)

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BROWN HOISTING MACHINERY CO.
(Overhead), 4403 St. Clair, N E, Cleve-

land, O. *See adv index at end of book*

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Wis.

Case Crane & Engineering Co., Columbus,
O.

Chisholm-Moore Mfg. Co. (Chain), 49th to
53d & Lake, Cleveland, O.

COBURN TROLLEY TRACK MFG. CO.,
P. O. Box 721, Holyoke, Mass.

Curtis & Co. Mfg. Co., 1571 Kienlen av,
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troit, Mich. *See adv index at end of book*

Dobbie Foundry & Machine Co., Niagara
Falls, N. Y.

Euclid Crane & Hoist Co., Euclid, O.
Harrington Edw. Son & Co. (Chain), 17th
& Callowhill, Phila., Pa.

Johnston & Jennings Co., Addison road &
N. Y. C. R. R., Cleveland, O.

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Chene, Detroit, Mich.

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Reading Crane & Hoist Works, Reading,
Pa.

SPEIDEL JNO. G., Reading, Pa.
See adv index at end of book

Yale & Towne Mfg. Co. (Chain), 9 E 40th,
New York

3365—Cranes (Hydraulic)

Chambersburg Eng. Co. (Radical or Trav-
eling), Chambersburg, Pa.

Morgan Const. Co., Worcester, Mass.
MORGAN ENGINEERING CO., Alliance,
O. *See adv index at end of book*

WATSON-STILLMAN CO., 38 Church, New
York *See adv index at end of book*

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matic, Electric & Hand Power), Har-

vey, Ill.

Wood R. D. & Co. (Jib, Bracket, Tower,
etc), 400 Chestnut, Phila., Pa.

Wood Wm. H., Media, Pa.
Zastrow Geo. W. (For Packing Houses),
1410 Thames, Baltimore, Md.

3366—Cranes (Ingot Stripping)

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MORGAN ENGINEERING CO., Alliance,
O. *See adv index at end of book*
Neumeyer & Dimond ("Demag" Imp.,
Combined Ingot Stripper & Soaking
Pit Crane), 82 Beaver, New York

3367—Cranes (Jib)

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tric), Alliance, O.

Box Alfred & Co., 813 N Front, Phila., Pa.
Brown Hoisting Machinery Co., 4403 St.
Clair, N E, Cleveland, O.

See adv index at end of book

Buffalo Contractors' Plant Corp., 131 Erie,
Buffalo, N. Y.

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Case Crane & Engineering Co. (Belt, Hand
Power & Electric), Columbus, O.

Channon Jas. H. Mfg. Co. (Hand Power),
227 W Erie, Chicago, Ill.

Cleveland Crane & Engineering Co., Box
152, Wickliffe, O.

Curtis & Co. Mfg. Co. (For Hand or Power
Over & Under Braced), 1571 Kienlen
av, St. Louis, Mo.

DETROIT HOIST & MACHINE CO., De-
troit, Mich. *See adv index at end of book*

Dillon-Box Iron Works Co., Denver, Colo.
Dobbie Foundry & Machine Co., Main
Office & Works, Niagara Falls, N. Y.

Exeter Machine Works, Pittston, Pa.
McMyler-Interstate Co., Bedford, O.
Maris Bros., 56th & Gray's av, Phila., Pa.
Morgan Construction Co., Worcester, Mass.
MORGAN ENGINEERING CO. (For Roll-
ing Mills, etc), Alliance, O.

See adv index at end of book

Neumeyer & Dimond ("Demag" Imp. for
Rolling Mills, etc), 82 Beaver, New
York

New Jersey Foundry & Machine Co.
(Walking, etc), 89 West, New York

Niles-Bement-Pond Co., 111 B'way, New
York

NORTHERN ENGINEERING WORKS
(Electric, Hand & Pneumatic), 9
Chene, Detroit, Mich.

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Pawling & Harnischfeger Co. (Electric,
Stationary, Traveling & Traveling
Wall), Milwaukee, Wis.

Production Engineering Co., 1716 Spring
Garden, Phila., Pa.

Shaw Electric Crane Co., 119 W 40th, New
York

SHEPARD ELECTRIC CRANE & HOIST
CO., Montour Falls, N. Y.

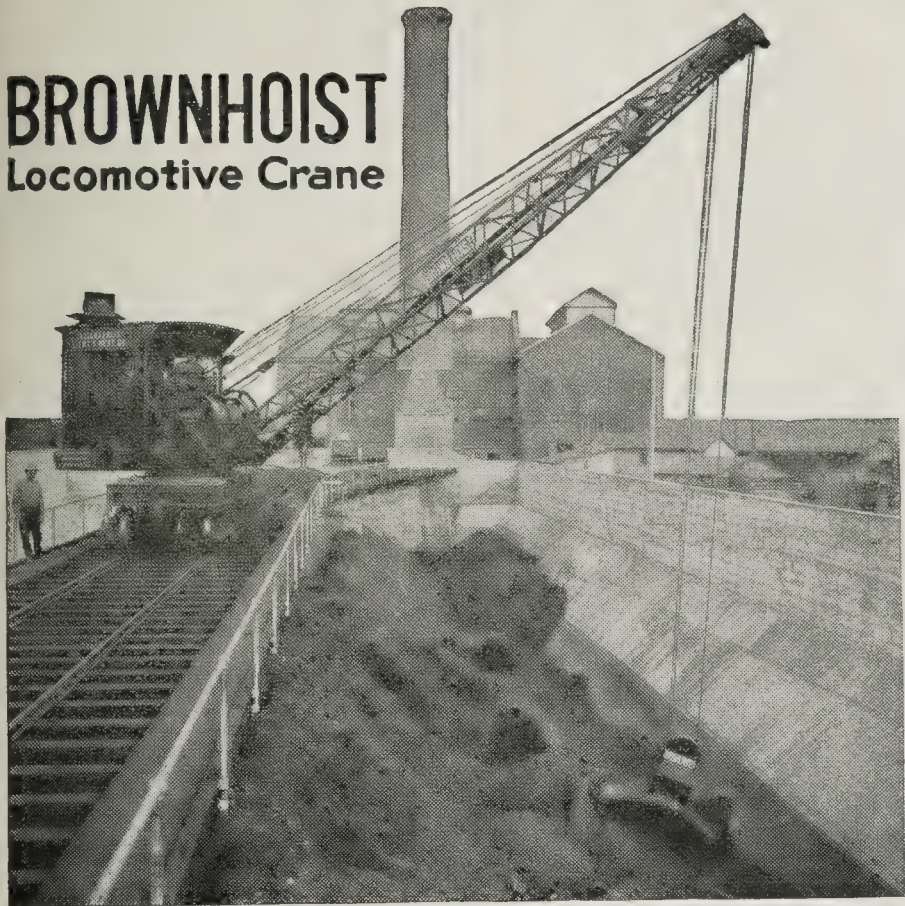
See adv index at end of book

Whiting Foundry Equipment Co., Harvey,
Ill.

Whitehead & Kales Iron Works, Detroit,
Mich.

Wood R. D. & Co. (Hydraulic), 400 Chest-
nut, Phila., Pa.

Yale & Towne Mfg. Co. (Hand Power), 9
E 40th, New York



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Locomotive Crane

Locomotive Cranes.—Brownhoist Locomotive Cranes are built for safety, speed, and durability. 25 years' records prove this. They are made in 3, 5, 10, 15, 20, 30 and 40-ton capacities, steam or electric. Equipped with different length booms. Can be worked with grab bucket, dragline bucket, bottom block, lifting magnet, or pile driver.

Pillar and Jib Cranes.—Brownhoist Pillar and Jib Cranes are made in various types and capacities, for either hand or electric operation. Can be built for various working radii. Can be erected either indoors or outside.

Overhead Traveling Cranes.—Brownhoist Overhead Hand Traveling Cranes are of very simple construction. They are easily erected, easily operated and require very little head room. Can be equipped with hand, electric or air hoist. Built for various capacities and spans. Travel on T rail, I beam or channel track.

Buckets.—Brownhoist Grab Buckets are of various types for handling coal, ore, cinders, stone, gravel, sand, coke, etc., and for excavating. Can be worked on various types of cranes and derricks. Brownhoist Drag-line Buckets for large excavating work are considered the best diggers and records prove it.

Tramrail Systems.—Brownhoist Tramrail Systems consist of hand or electric trolleys, I beam switches and turntables and all necessary track hangers and joints. We will erect these systems complete or will furnish the material with full instructions for erecting.

Cargo Handling Machinery.—Brownhoist Cargo Handling Machinery consists of various types and sizes of cranes, hoists and trolleys. They are used on docks, in warehouses, in freight houses, on loading platforms, etc.

Brownhoist Products.—Bridge tramways, fast plants, cantilever cranes, gantry cranes, drag-line excavators, locomotive cranes, overhead traveling cranes, work-car cranes, jib cranes, pillar cranes, bridge cranes, transfer cars, ladders, electric hoists, tramrail systems, trolleys, crabs, winches, grab buckets, drag-line buckets, tubs, furnace hoists, pig iron breakers, coal and ore dumping machines, storage bins, suspended bins, transfer tables, water closet shields, and Ferroinclave, a combined reinforcement and centering for concrete roofs, sides, stairs, bins, floors, etc.

Catalogs.—We have a catalog or pamphlet on these various Brownhoist Products. Each contains illustrations and descriptions of the machines. Price lists are included in some but it is impossible to publish prices on all Brownhoist Products. These catalogs will be sent upon request.

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CLEVELAND, OHIO, U. S. A.

Engineers and Manufacturers of Heavy Dock Machinery, Bridge Cranes, etc., as well as smaller cranes and hoists.
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Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.
Whiting Foundry Equipment Co., Harvey, Ill.

3370— Cranes (Locomotive)

American Hoist & Derrick Co., St. Paul, Minn.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
BROWN HOISTING MACHINERY CO. ("Brownhoist"), 4403 St. Clair, N E, Cleveland, O. *See adv index at end of book*
Browning Co. Cleveland, O.
BROWNING VICTOR R. & CO., 17701 Lake Shore Blvd., Cleveland, O.
See adv index at end of book
Bucyrus Co., So. Milwaukee, Wis.
Byers John F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Davenport Locomotive Works, Davenport, Iowa
Exeter Machine Works (With Grab Buckets, etc), Pittston, Pa.
Fairbanks, Morse & Co. ("Sheffield" Water), 900 S Wabash av, Chicago, Ill.
Industrial Works (Electric & Steam), Bay City, Mich.
LINK-BELT CO. (Steam & Electric), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book
McMyler-Interstate Co., Bedford, O.
Main Electric Co. (Electric), 361 E Morrison, Portland, Ore.
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER

Orton & Steinbrenner Co., 610 S Dearborn, Chicago, Ill.

3371— *Cranes (Locomotive, Steam)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
See adv index at end of book
LINK-BELT CO. (& Electric), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila. Pa.
See adv index at end of book
LOCOMOTIVE CRANE CO., Bucyrus, O.
See adv index at end of book

3372— Cranes (Logging)

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Industrial Works, Bay City, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Phoenix Mfg. Co. (Direct Acting Steam), Eau Claire, Wis.

3373— Cranes (Mail)

Columbian Mail Crane Co. ("Columbian" Mail), Columbus, O.
Mason, Davis & Co. ("Gibraltar"), 7740 S Chicago av, Chicago, Ill.
Mudge & Co., 80 E Jackson Blvd, Chicago, Ill.

3374— Cranes (Pillar)

Alliance Machine Co., Alliance, O.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
See adv index at end of book
Case Crane & Engineering Co., Columbus, O.

Cleveland Crane & Engineering Co., Box 152, Wickliffe, O.
Curtis & Co. Mfg. Co., 1571 Keinlen av, St. Louis, Mo.
Farrel Foundry & Machine Co., Ansonia, Conn.
Industrial Works (Pillar & Transfer for Use in Handling Freight), Bay City, Mich.
McMyler-Interstate Co., Bedford, O.
MORGAN ENGINEERING CO., Alliance O. *See adv index at end of book*
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Pawling & Harnischfeger Co., (Electric Jib), Milwaukee, Wis.
Whiting Foundry Equipment Co., Harvey, Ill.

3375— Cranes (Pit)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Turner, Vaughn & Taylor Co. (For Wire Mill Cleaning House & Annealing), Cuyahoga Falls, O.

3376— Cranes (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
Curtis & Co. Mfg. Co. ("Curtis" Traveling, etc), 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Triumph Ice Machine Co., Oakley, Cincinnati, O.
Whiting Foundry Equipment Co. (Also Pneumatic Riveting), Harvey, Ill.

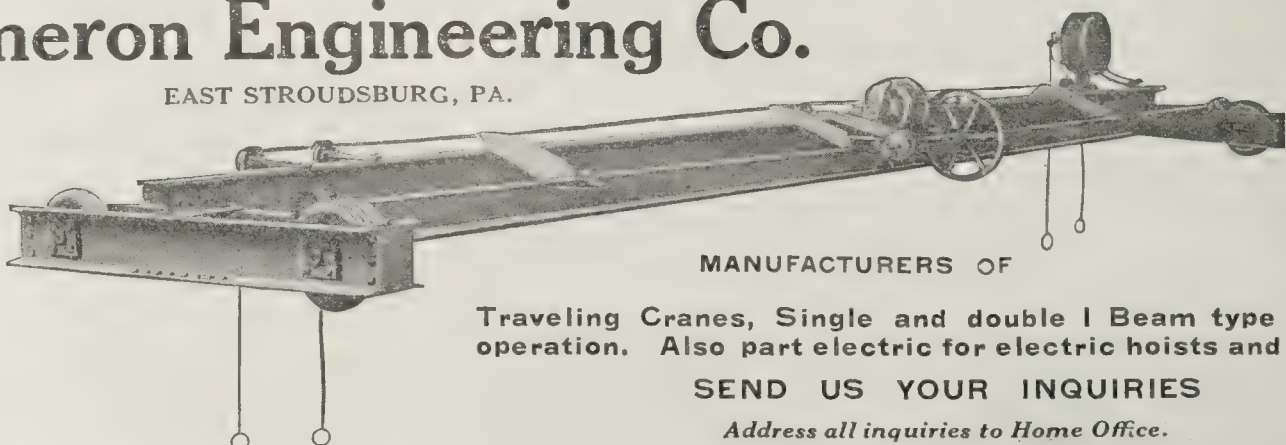
3377— Cranes (Portable)

Armstrong Mfg. Co., Waterloo, Ia.
Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.
See adv index at end of book

CAMERON ENGINEERING CO., East Stroudsburg, Pa.*See adv index at end of book***Canton Foundry & Machine Co.** (Portable Floor Crane & Hoist), Canton, O.**DETROIT HOIST & MACHINE CO.,** Detroit, Mich. *See adv index at end of book***Euclid Crane & Hoist Co.,** Euclid, O.**Franklin Portable Crane & Hoist Co.** ("Franklin," All Iron on Wheels), Box 516, Franklin, Pa.**Gerdes & Co.,** 42 Church, New York*See adv index at end of book***Giant Cable Hoist Co.** ("Pullifter"), 1833 E 55th, Cleveland, O.**HUNT C. W. CO.,** West New Brighton, N. Y. *See adv index at end of book***Lafayette Engineering Co.,** Lafayette, Ind.**Locomotive Crane Co.,** Bucyrus, O.*See adv index at end of book***Milton S. G. & Son** ("Champion" Portable Crane & Hoist), Franklin, Pa.**New Jersey Foundry & Machine Co.,** 89 West, New York**Round David & Son,** Cleveland, O.**Ryerson Jos. T. & Son,** 2553 W 16th, Chicago, Ill.**United Engine & Mfg. Co.** ("Manley Hilite"), Hanover, Pa.**Zeig F. B. Mfg. Co.** ("Panama" on Wheels), Fredericktown, O.**3377a—*Cranes (Portable Shop)****DOPP J. W. & CO.** (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.**3378— Cranes (Quadrant)****Welin Marine Equip. Co.** (Compensating), 305 Vernon av, Long Island City, N. Y.**Cranes (Railroad)***See Cranes, Wrecking***3379— Cranes (Riveting)****Alliance Machine Co.,** Alliance, O.**Case Crane & Engineering Co.,** Columbus, O.**MORGAN ENGINEERING CO.** (Electric, etc), Alliance, O.*See adv index at end of book***NORTHERN ENGINEERING WORKS,** 9 Chene, Detroit, Mich.*See adv index at end of book***Whiting Foundry Equipment Co.** (Pneumatic, etc), Harvey, Ill.**3380— Cranes (Soaking Pit)****Morgan Engineering Co.,** Alliance, O.*See adv index at end of book***Neumeyer & Dimond** ("Demag" Imp), 82 Beaver, New York**3381— Cranes (Top Braced)****Cleveland Crane & Engineering Co.,** Box 152, Wickliffe, O.**Euclid Crane & Hoist Co.,** Euclid, O.**NORTHERN ENGINEERING WORKS,** 9 Chene, Detroit, Mich.*See adv index at end of book***3382—*Cranes (Tower Riveting)****MORGAN ENGINEERING CO.,** Alliance, O. *See adv index at end of book***3383— Cranes (Transfer)****Brown Hoisting Machinery Co.,** 4403 St. Clair, N E, Cleveland, O.*See adv index at end of book***Case Crane & Engineering Co.,** Columbus, O.**Cleveland Crane & Engineering Co.,** Box 152, Wickliffe, O.**Curtis & Co. Mfg. Co.,** 1571 Kienlen av, St. Louis, Mo.**Euclid Crane & Hoist Co.,** Euclid, O.**Industrial Works** (For Station Use in Handling Freight), Bay City, Mich.**LINK-BELT CO.,** 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.*See adv index at end of book***Locomotive Crane Co.,** Bucyrus, O.*See adv index at end of book***Mead-Morrison Mfg. Co.,** cor Prescott & Orleans, East Boston, Mass.**Neumeyer & Dimond** ("Demag" Imp), 82 Beaver, New York**New Jersey Foundry & Machine Co.,** 89 West, New York**Pawling & Harnischfeger Co.,** Milwaukee, Wis.**Reading Crane & Hoist Works,** Reading, Pa.**Shaw Electric Crane Co.,** 119 W 40, New York**SHEPARD ELECTRIC CRANE & HOIST CO.,** Montour Falls, N. Y.*See adv index at end of book***Speidel John G.,** Reading, Pa.*See adv index at end of book***Toledo Bridge & Crane Co.,** 2500 Dorr, Toledo, O.**Whiting Foundry Equipment Co.,** Harvey, Ill.**3384— Cranes (Traveling)***See also Cranes, Electric Traveling***Box Alfred & Co.** (Hand & Power), 813 N Front, Phila., Pa.**Brown Hoisting Machinery Co.,** 4403 St. Clair, N E, Cleveland, O.*See adv index at end of book***CAMERON ENGINEERING CO.** (Hand & Part Electric, Electric Hoists & Trolleys), East Stroudsburg, Pa.*See adv index at end of book***Case Crane & Engineering Co.,** Columbus, O.**CHICAGO BRIDGE & IRON WORKS,** 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book***Cleveland Crane & Engineering Co.,** Box 152, Wickliffe, O.**Cleveland Punch & Shear Works Co.** (Electric), 3921 St. Clair av, N E, Cleveland, O.**COBURN TROLLEY TRACK MFG. CO.** (Hand Power), P. O. Box 721, Holyoke, Mass.**Curtis & Co. Mfg. Co.** (For Hand or Pneumatic Power), 1571 Kienlen av, St. Louis, Mo.**DETROIT HOIST & MACHINE CO.,** Detroit, Mich. *See adv index at end of book***Dillon-Box Iron Works Co.,** Denver, Col.**Dobbie Foundry & Machine Co.** (Hand Power), Main Office & Works: Niagara Falls, N. Y.**Euclid Crane & Hoist Co.** (Electric), Euclid, O.**Exeter Machine Works,** Pittston, Pa.**Harrington Edwin Son & Co.** (Hand), 17th & Callowhill, Phila., Pa.**Hoisting Machinery Co.,** 50 Church, New York**Johnston & Jennings Co.** (Hand Power), Addison rd & N. Y. C. R. R., Cleveland, O.*See adv index at end of book***Lane Mfg. Co.** ("Anderson" Rope Driven), Montpelier, Vt.**LINK-BELT CO.,** 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.*See adv index at end of book***Locomotive Crane Co.,** Bucyrus, O.*See adv index at end of book***Morgan Construction Co.,** Worcester, Mass.**MORGAN ENGINEERING CO.** (Electric), Alliance, O. *See adv index at end of book***Neumeyer & Dimond** ("Demag" Imp), 82 Beaver, New York**New Albany Machine Mfg. Co.** (Single Motor, Electric), New Albany, Ind.**New Jersey Foundry & Machine Co.,** 89 West, New York**NORTHERN ENGINEERING WORKS** (Electric & Hand), 9 Chene, Detroit, Mich.*See adv index at end of book***Pawling & Harnischfeger Co.** (Electric & Hand Power), Milwaukee, Wis.**PITTSBURGH-DES MOINES STEEL CO.,** 4th & Ross, Pittsburgh, Pa.*See adv index at end of book***Reading Crane & Hoist Works** (Hand Power), Reading, Pa.**Sasgen Derrick Co.** ("Sasgen" Hand Power for Stone Yards Laying, Sewer Pipe, etc), 3101 W Grand av, Chicago, Ill.*See adv index at end of book***Shaw Electric Crane Co.** (Electric), 119 W 40, New York**Shriver T. & Co.** (Electric, etc), Harrison, N. J.**SPEIDEL JOHN G.** (Hand Power), Reading, Pa. *See adv index at end of book***Toledo Bridge & Crane Co.,** 2500 Dorr, Toledo, Ohio**Whitehead & Kales Iron Works** (Hand), Detroit, Mich.**Yale & Towne Mfg. Co.** (Hand Power) 9 E 40th, New York**3385— *Cranes (Truck)****Brown Hoisting Machinery Co.,** 4403 St. Clair, N E, Cleveland, O.*See adv index at end of book***LINK-BELT CO.,** 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.*See adv index at end of book***Locomotive Crane Co.,** Bucyrus, O.*See adv index at end of book***NORTHERN ENGINEERING WORKS,** 9 Chene, Detroit, Mich.*See adv index at end of book***3386—Cranes (Water, For Sprinkling Wagons)****Eddy Valve Co.,** Waterford, N. Y.**Ludlow Valve Mfg. Co.** (For Sprinkling Carts, etc), ft of Adams, Troy, N. Y.

Cameron Engineering Co.

EAST STROUDSBURG, PA.



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3387—Cranes (Water, Locomotive)

See also Water Columns or Stations, Railroad

American Valve & Meter Co. ("Poage's" Automatic), Cincinnati, O.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
Sheffield Car Co., Three Rivers, Mich.
Snow T. W. Construction Co. ("Snow-Moore"), 537 S Dearborn, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.

3388—Cranes (Wrecking)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
Browning Co., Cleveland, O.
Bucyrus Co., South Milwaukee, Wis.
Industrial Works (Electric, Steam & Hand Power), Bay City, Mich.

LOCOMOTIVE CRANE CO., Bucyrus, O.

See adv index at end of book

Mount Vernon Car Mfg. Co., Mount Vernon, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Shaw Elec. Crane Co., 119 W 40th, New York

3389—Crank Turning Device

Hill-Standard Mfg. Co. ("Hill"), Anderson, Ind.

3390—Crank (Auger)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
Hubbard & Co., Pittsburgh, Pa.

3391—Crank (Ball)

Cincinnati Ball Crank Co. (Steel), North Oakley, Cincinnati, O.
Cincinnati Screw Co., Twilight, O.

3392—Crankshafts

See also Crankshafts, Gas Engine; also Crankshafts, Automobile; also Forgings, Various Kinds

Alexander & Cox Co. (Finished), 2358 Ogden, Chicago, Ill.
Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
American Forge Works, 1421 13th, Denver, Colo.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co. (Smooth Forged, Finished or Semi-Finished), 1820 Cranberry, Erie, Pa.
Bethlehem Steel Co. (Nickel Steel, etc), South Bethlehem, Pa.
Birdsboro Steel Foundry & Machine Co. (Cast Steel), Birdsboro, Pa.
Bonney-Floyd Co. (Cast Steel), Columbus, O.
Boston Forge Co., E. Boston, Mass.
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brylgon Steel Casting Co. (Cast Steel), New Castle, Del.
Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
Carbon Steel Co. (Nickel, Steel, etc), ft 32d, Pittsburgh, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
Chester Steel Castings Co. (Cast Steel), Chester, Pa., & 407 Sansom, Phila., Pa.
Crucible Steel Co. of America (Forged & Rough Turned), Pittsburgh, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Ellwood City Forge Co., Ellwood City, Pa.
Erie Forge Co., Erie, Pa.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons (Finished), 2 Lorraine, Brooklyn, N. Y.
Hammond Steel & Forging Co., Solvay, N. Y.
Helmbacher Forge and Rolling Mills Co., Syndicate Trust bldg, St. Louis, Mo.
Horsburgh Forging Co., Cleveland, O.
Jackson Motor Shaft Co., Jackson, Mich.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Ladish Drop Forge Co. (Finished & Unfinished), Cudahy, Wis.
Lake Erie Forging Co., Cleveland, O.
Leard William E., New Brighton, Pa.
Leitelt Adolph Iron Works, Grand Rapids, Mich.
Leland-Gifford Co., Worcester, Mass.

McInnes Steel Co., Ltd. (Hammered Steel Forgings), Corry, Pa.
Michigan Crank Shaft Co., Lansing, Mich.
Midvale Steel Co. (Nickel, Steel, etc), Nicetown, Phila., Pa.
Page, Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Philadelphia Steel & Forge Co., 50 Church, New York
Pollak Steel Co., Carthage, Cincinnati, O.
Reading Iron Co., Reading, Pa.
Richmond Forgings Corporation (Drop Forged), Richmond, Va.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Smith A. O. Co., Milwaukee, Wis.
STANDARD GAUGE STEEL CO. (Finished to Order Only), Beaver Falls, Pa. *See adv index at end of book*
Sundberg Co., 1024 W Kinzie, Chicago, Ill.
Thurlow Steel Works, Chester, Pa.
Tindel Morris Co. (Steam Forgings, Gas Engine Shaft, Finished Ready for Installation), Eddystone, Pa.
Titusville Forge Co. (Centre Throw), Titusville, Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co. (Drop Forged Weldless), 358 W Grand, Chicago, Ill.
Vulcan Iron Works, Wilkes-Barre, Pa.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
See adv index at end of book
Western Tool & Forge Co., Brackenridge, Pa.
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.
Wyman-Gordon Co. (Drop Forged), Worcester, Mass.

3393—Crankshafts (Automobile)

See also Crankshafts; also Forgings, Drop
Alexander & Cox Co., 2358 Ogden, Chicago, Ill.
American Forge Works, 1421 13th, Denver, Colo.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Atlas Mfg. Co., Fostoria, O.
Barnett Drop Forging Co., East Hampton, Mass.
Billings & Spencer Co. ("B & S"), Hartford, Conn.
BLISS E. W. CO. 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Chicago Drop Forge & Foundry Co., 447 Kensington av, Chicago, Ill.
Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
Cleveland Hardware Co., Cleveland, O.
Detroit Forging Co., 120 Mount Elliott av, Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co. (Drop Forged), Erie, Pa.
Frost Gear & Forge Co., Jackson, Mich.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons Co., 2 Lorraine, Brooklyn, N. Y.
Joliet Forge Co., Joliet, Ill.
Krefeld Steel Co. (Imported), 50 Church, New York
Ladish Drop Forge Co., Cudahy, Wis.
Laurer Jno. Machine Co., Detroit, Mich.
Leland-Gifford Co., Worcester, Mass.
Michigan Crank Shaft Co., Lansing, Mich.
Moffat H. R. & J., Waterbury, Conn.
Muskegon Motor Specialties Co., Muskegon, Mich.
National Engineering Co., Saginaw, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co. (Vanadium & Other Steel), 760 E 79th, Cleveland, O.
Peninsular Auto Parts Co., Detroit, Mich.
Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.
Redmond Engineering Co., Drexel bldg, Phila., Pa.
Rhineland Machine Works Co. (Imported), 1737 B'way, New York
Richmond Forgings Corp., Richmond, Va.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa. *See adv index at end of book*
Sundberg Co., 1024 W Kinzie, Chicago, Ill.
Tindel Morris Co., Eddystone, Pa.
Transue & Williams Steel Forging Corp., Alliance, O.

Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
See adv index at end of book
Western Tool & Forge Co., Brackenridge, Pa.
Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

3394—Crankshafts (Gas Engine)

See also Crankshafts; also Forgings, Various Kinds

American Forge Works, 1421 13th, Denver, Colo.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Bay City Forge Co., 1820 Cranberry, Erie, Pa.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Erie Forge Co., Erie, Pa.
Ladish Drop Forge Co., Cudahy, Wis.
Lake Erie Forging Co., Cleveland, O.
Lakeside Forge Co., Erie, Pa.
Laurer Jno. Machine Co., Detroit, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Rockford Drop Forge Co., Rockford, Ill.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa. *See adv index at end of book*
Tindel Morris Co. (Finished), Eddystone, Pa.
Titusville Forge Co. (Also Corliss & Diesel Engines), Titusville, Pa.
Union Drop Forge Co. (Drop Forged Weldless), 358 W Grand, Chicago, Ill.
Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
See adv index at end of book

3395—Crates

Bacon & Co. (Bushel), Appleton, N. Y.
Beach & Fuller Co. (Vegetable), Evansville, Ind.
Beaufort Veneer & Package Co. (Cabbage), Beaufort, S. C.
Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.
Dodge & Bliss Co., W End, Jersey City, N. J.
Forrester-Nace Box Co., 80 Wyoming, Kansas City, Mo.
Kalamazoo Tank & Silo Co. (Bushel), Kalamazoo, Mich.
Krause C. H. Lhr. Co., Antigo, Wis.
Montgomery Bros. & Co., Buffalo, N. Y.
Morrison Frank (Apple), Marion, N. Y.
Odell & Eddy Co. (Celery), Chaffee, N. Y.
Owosso Mfg. Co., Owosso, Mich.
Pelican Box Factory, Miro & Julia, New Orleans, La.
Pierpont Mfg. Co. (Fruit), Savannah, Ga.
Richards O. S. Inc., 87 34th, B'klyn, N. Y.
Roseland Veneer & Package Co., Ltd. (Vegetable), Roseland, La.
Rugg Mfg. Co. (Delivery, Fruit & Show), Greenfield, Mass.
Specialty Box Mfg. Co. (Folding), Portland, Ore.
Sweet B. F. & H. L. Co., Fond du Lac, Wis.
Thorp A. & Son Crate Co., Roseville, O.
Troy Veneer & Crate Co., Troy, Ala.
Vance E. J. Box Co., Ltd., Bay City, Mich.
Vandergrift Box Co., Vandergrift, Pa.

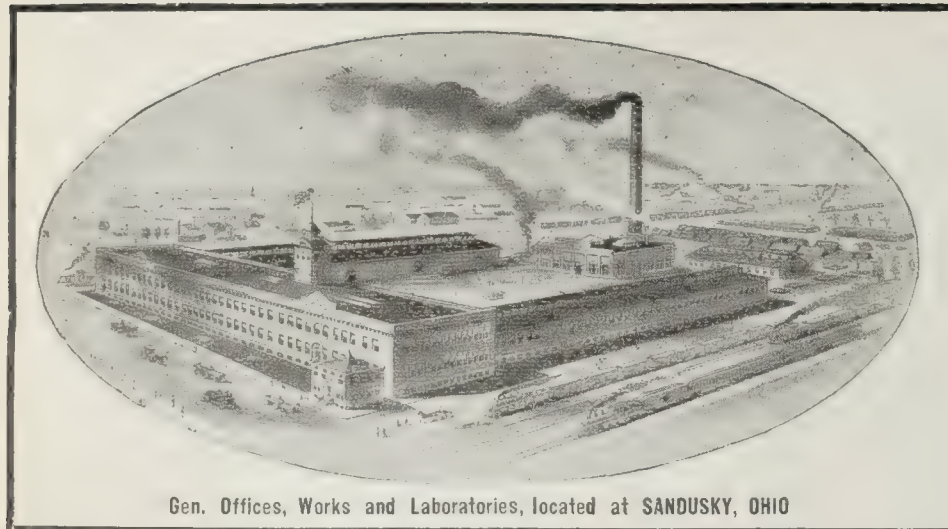
3396—Crates (Automobile Tire)

Alderfer F. G. & Co., Sharon Center, O.
Steele-Alderfer Co., Cuyahoga Falls, O.

3397—Crates (Egg)

New England Box Co. ("Gardner"), Greenfield, Mass.
Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.

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Crayons for Every Purpose

School Crayons, White and Colored of every description, Hygieia Dustless Crayons, White and Colored, Lecturers Crayons, Pastello Crayons, Tailors Crayons, Textile Mill Crayons, Railroad Crayons, Wax and Oil School and Package Crayons, Hydraulic Pressed Crayons, Lumber Crayons, Metal Workers Crayons, Marking Crayons, Checking Crayons, Marble Crayons, Leather Crayons, Bowling Alley Crayons, Advertising Crayons, Carpenters Chalk, Hand Bowling Chalk, Foot Bowling Chalk, Billiard Chalk, White and Colored, Water Color Pencils, Hygieia Nest Eggs, Lime Nest Eggs, Hygieia Dust Collector, Lock Cornered Basswood Boxes.

THE AMERICAN CRAYON CO.

1300 HAYES AVE., SANDUSKY, O., U. S. A.

3398— Crayon Mfrs.

See also Crayons & Pencils, Metal Works; also Pencil Manufacturers

ADAMS D. C. CRAYON CO., 125 Market, St. Louis, Mo.

See adv index at end of book

GENUINE (Talc) SOAPSTONE CRAYONS

For Iron and Steel, Metal and Copper Workers.



One Adams Crayon Holder sent free with each gross quarter inch round or square Talc Soapstone Metal Workers' Crayons.

D. C. ADAMS—CRAYONS
125 Market St. - - - St. Louis, Mo.

AMERICAN CRAYON CO. (All Kinds for All Purposes), 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

American Lava Co. (Fdry.), Chattanooga, Tenn. See adv index at end of book

American Lead Pencil Co. (Colored), 220 5th av, New York

BINNEY & SMITH CO. (Marking, School & Artists'), 81 Fulton, New York

Cohutta Talc Co. (Blackboard), Dalton, Ga.

DIXON JOSEPH, CRUCIBLE CO. ("Dixon's" Graphite, Metal Workers', Colored), Jersey City, N. J.

See adv index at end of book

Doggett Stanley (Soapstone), 11 Cliff, New York

Eagle Pencil Co. (Colored), 703 E 13th, New York

Faber Eberhard (Colored), 200 5th av, New York

Georgia Talc Co. (Talc), Asheville, N. C.

Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.

Howe Mill Crayon Co. (Mill), Lowell, Mass.

Korn William (Marking & Lithographic), 120 Centre, New York

Lowell Crayon Co. (Mill & Metal Workers'), Lowell, Mass.

National Crayon Co., West Chester, Pa.

Nevins Samuel Co. (Importer, French Chalk & Talc), 109 S 2d, Phila., Pa.

New England Quartz Co. of N. Y. (Talc), 107 William, New York

New York Silicate Book Slate Co. (Sillicate), 24 Vesey, New York

North Carolina Talc & Mining Co. (Talc), Hewitts, N. C.

Standard Crayon Mfg. Co. ("Falcon," "Standard," "Omega," "Bonanza," "China Maker," "Tanners," "Red Seal," & "Crest Light"), Danvers, Mass.

Steward D. M. Mfg. Co. ("Compo," Dustless), Chattanooga, Tenn.

Zelnicker Crayon Works, St. Louis, Mo.

3399—*Crayons (Advertising)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.

See adv index at end of book

3400—*Crayons (Bowling Alley)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo. See adv index at end of book

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3401—*Crayons (Checking)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.

See adv index at end of book

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.

See adv index at end of book

3402—*Crayons (Colored)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.

See adv index at end of book

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. See adv index at end of book

3403—*Crayons ("Crayograph" & "Crayonast")

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.

See adv index at end of book

3404—*Crayons (Dustless, White & Colored)

AMERICAN CRAYON CO. (Hygieia), 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3405—*Crayons (Leather)

AMERICAN CRAYON CO. ("Beacon"), 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3406—*Crayons (Lecturers')

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3407— Crayons (Lumber)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.

See adv index at end of book

AMERICAN CRAYON CO. ("Acme"), 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

Chrystal Chas. B., 13 Cliff, New York

See adv index at end of book

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. See adv index at end of book

Franklin Crayon Co., Rochester, N. Y.

Standard Crayon Mfg. Co., Danvers, Mass.

Zelnicker Crayon Works, ("Elson," "Zelnicker"), St. Louis, Mo.

3408—*Crayons (Marble)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3409—*Crayons (Pastello)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3410—*Crayons (Railroad)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.

See adv index at end of book

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. See adv index at end of book

3411—*Crayons (School)

AMERICAN CRAYON CO. (White & Colored), 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. See adv index at end of book

3412—Crayons (Tailors' Wax)

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O.

See adv index at end of book

Goebel J. & Co., (Imp), 129 Maiden la, New York

Marty F. & Co., Syracuse, N. Y.

3413—*Crayons (Wax & Oil, School & Package)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo. See adv index at end of book

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

3414—Crayons & Pencils (Metal Workers', Etc.)

ADAMS D. C. CRAYON CO., 125 Market, St. Louis, Mo.

See adv index at end of book

AMERICAN CRAYON CO., 1300 Hayes av, Sandusky, O., & Waltham, Mass.

See adv index at end of book

American Lava Co., Chattanooga, Tenn.

See adv index at end of book

Binney & Smith Co., 81 Fulton, New York

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.



FLAT SQUARE ROUND

Talc Metal Workers' Crayons
Sawed from Solid Rock
Not Composition

HARD STRONG DURABLE

LUMBER CRAYONS
NONE BETTER MADE

Charles B. Chrystal
11 CLIFF ST. - NEW YORK

Cohutta Talc Co. (Talc Soapstone), Dalton, Ga.

DIXON JOSEPH, CRUCIBLE CO.
("Dixon's" American Graphite or Soapstone), Jersey City, N. J.

See adv index at end of book
Doggett Stanley (Soapstone & Talc, "Peerless" & "Perfection" Brands), 11 Cliff, New York

Franklin Crayon Co., Rochester, N. Y.
Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.

Korn Wm. ("Korn's," for Hot or Cold Metal), 120 Center, New York

Lowell Crayon Co., Lowell, Mass.

Nevins Sam'l Co. (Talc & French Chalk), 109 S 2d, Phila., Pa.

Standard Crayon Mfg. Co., Danvers, Mass.

Steward D. M. Mfg. Co. ("Compo"), Chattanooga, Tenn.

Zelnicker Crayon Works ("Steelmark"), St. Louis, Mo.

3415— Cream Tartar

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.

Pfizer Chas. & Co., 81 Maiden la, New York
Worden Chemical Works ("Tartarline" Substitute), 4 Cedar, New York

3416— Creamers (Cabinet & Elevator)

Vermont Farm Machine Co. ("Cooley"), Bellows Falls, Vt.

Creamery Apparatus & Supplies

See Creamery Machinery; also Separators, Cream; also Testers, Creamery, Etc

3417— Creasers

Atha Tool Co. (Forged), Newark, N. J.

3418— Creasers (Leather, Etc.)

Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.

3419— Creepers (Anti-Rail)

Belle City Malleable Iron Co. ("L. & S."), Racine, Wis.

Cleveland Frog & Crossing Co. ("Pren-tice"), Cleveland, O.

Cleveland Railway Supply Co. (Combination Tie Plates & Anti-Rail Creepers), Cleveland, O.

Creepcheck Co. ("Dinklage Creepchecks"), 81 Fulton, New York

Niagara Forged Steel Co., Buffalo, N. Y.
Oliver Iron & Steel Co. (Anti-Creeper Device), S 10th & Muriel, Pittsburgh, Pa.

P. & M. Co. ("P. & M." Boltless), 80 E Jackson blvd, Chicago, Ill.

Q. & C. Co. ("Vaughan"), 90 West, N. Y.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

3420— Creepers (Auto)

Estes E. B. & Sons, 358 5th av, New York

See adv index at end of book

Faw J. H. (Inc.) ("Faw"), 41 Warren, New York

Keystone Wire Matting Co. ("Keystone"), Beaver Falls, Pa.

La Porte Mat & Mfg. Co. ("Hercules"), La Porte, Ind.

Lewis-Geer Mfg. Co., Ypsilanti, Mich.

Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.

Rice & Dayton Mfg. Co., Cedar Falls, Iowa

3421— Creepers (Ice)

Gay Geo. E., Augusta, Me.

Gifford-Wood Co., Hudson, N. Y.

Holderbaum Jas. B. & Son ("Reliance"), Somerset, Pa.

Hubbell Ray & Co. ("Arnold"), Northville, N. Y.

Rapp Philip ("Victor"), Reading, Pa.

Reading Saddle & Mfg. Co. ("Anti-Slip"), Reading, Pa.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Thomson Judson L. Mfg. Co. ("Never-Slip"), Roberts Station, Waltham, Mass.

Union Hardware Co., Torrington, Conn.

Warren J. M. & Co. ("Bowin's Feather-weight"), Troy, N. Y.

West Chas. F. (Flat Spring Steel), 3861 Lancaster av, Phila., Pa.

3422— Creosote (Coal Tar)

Armitage Mfg. Co., Richmond, Va.

Barclay Naval Stores Co. (Jobbers), 44 Whitehall, New York

Barrett Co., 17 Battery pl, New York

Bayway Chemical Co., Elizabeth, N. J.

Denver Gas & Electric Light Co., Denver, Colo.

3422a—*Creosote (Dark, Refined & Disinfectant)

DU PONT CHEMICAL WORKS, 120 Broadway, New York

3423— Creosote (Wood)

Forest Products Co. ("Pinesote"), 1212 Whitney, New Orleans, La.

Pensacola Tar & Turpentine Co., Gull Point, Fla.

White Tar Co. Cliff & John, New York

3424— Creosoting Works

See also Wood Preservatives

American Creosote Works, Southport, New Orleans, La.

American Creosoting Co., 17 Battery pl, New York. Works: Newark, N. J.

American Creosoting Co., Louisville, Ky.

Atlantic Creosoting & Wood Preserving Works, Norfolk, Va.

Ayer & Lord Tie Co., 80 E Jackson blvd, Chicago, Ill.

Barber Asphalt Paving Co. (Dead Oil of Coal Tar Process), Land Title bldg, Phila., Pa.

Chicago Creosoting Co., Waukegan, Ill.

Colman J. M. Co., Seattle, Wash.

Colonial Creosoting Co., Louisville, Ky.

Columbia Creosoting Co., Portland, Ore.

Compressed Wood Preserving Co., Spring Grove & Station avs, William pl, Cincinnati, O.

Eppinger & Russell Co., 165 B'way, New York

Federal Creosoting Co., Louisville, Ky.

Galveston Creosoting Co. (Bridge Timbers, Ties, etc.), Galveston, Tex.

Gulfport Creosoting Co., Gulfport, Miss.

Indiana Creosoting Co., Louisville, Ky.

Indiana Zinc Creosoting Co. (Zinc Creosoting), Terre Haute, Ind.

International Creosoting & Construction Co., Galveston, Tex.

Jennison-Wright Co., Toledo, Ohio

Kettle River Co., Plymouth bldg, Minneapolis, Minn.

Louisiana Creosoting Co., Winnfield, La.

Michigan Pipe Co., Bay City, Mich.

Michigan Wood Preserving Co., Pittsburgh, Pa.

National Lumber & Creosoting Co., Texarkana, Ark.

Norfolk Creosoting Co., Norfolk, Va.

Ohio Wood Preserving Co., The, Commonwealth bldg, Pittsburg, Pa.

Pacific Creosoting Co., Seattle, Wash.

Pittsburgh Wood Preserving Co., Commonwealth bldg, Pittsburgh, Pa.

Puget Sound Wood Preserving Co., Lowell, Wash.

Republic Creosoting Co., Merchants Bk. bldg, Indianapolis, Ind.

St. Paul & Tacoma Lumber Co., Tacoma, Wash.

Shreveport Creosoting Co., Louisville, Ky.

Southern Creosoting Co., Ltd., Slidell, La.

Southern Wood Preserving Co., Atlanta, Ga.

U. S. Wood Preserving Co., 165 B'way, New York

Western Wood Preserving Co., Spokane, Wash.

Wyckoff Pipe & Creosoting Co., 30 E 42d, New York

3425— Cresol Importers

Amerman & Patterson, 21 State, New York

Klipstein A. & Co., 644 Greenwich, New York

Merck & Co., 45 Park pl, New York

Roessler & Hasslacher Chemical Co., 100 William, New York

Squibb E. R. & Sons, 78 Beekman, New York

White Tar Co., 4 Cliff, New York

Crestings (Terra Cotta)

See Roofing Tile, Terra Cotta

3426—Crestings & Finials (Iron)

Barnum E. T. Wire & Iron Works (Iron), 864 Woodward, Detroit, Mich.

Camden Iron Works, Salem, Va.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

Dearborn Fdry. Co., 1922 Archer av, Chicago, Ill.

Gensel Fred & Co., 911 Vine, Phila., Pa.

Jackson Wm. H. Company, 2 W 47th, New York

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Meyers Fred. J. Mfg. Co., Hamilton, O.

See adv index at end of book

Mott J. L. Iron Works, 118 5th av, New York

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Wells Architectural Iron Co., River av & 151st, New York

Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

3427—Crestings & Finials (Sheet Metal)

Berger Mfg. Co., Canton, O.

Canton Art Metal Co., Canton, O.

Decatur Cornice & Roofing Co., New Decatur, Ala.

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Eller Mfg. Co., Canton, O.

Gara, McGinley Co., 23 S 17th, Phila., Pa.

Garry Iron & Steel Co., Niles, O.

Goshen Cornice Works, Goshen, Ind.

Hergert Theo., 422 E 53d, New York

Jones Thomas W., 153 Maiden la, New York

Kanneberg Roofing & Ceiling Co., Canton, O.

Klauer Mfg. Co., Dubuque, Ia.

Martin Metal Mfg. Co., Wichita, Kan.

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Messenger & Parks Mfg. Co., Aurora, Ill.

Milwaukee Corrugating Co., Milwaukee, Wis.

NATIONAL SHEET METAL ROOFING CO., 339 Grand, Jersey City, N. J.

See adv index at end of book

Ohio Corrugating Co., Warren, O.

See adv index at end of book

Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.

Souther E. E. Iron Co., Klenlin & Ham-burger, St. Louis, Mo.

Van Noorden E. & Co., 100 Magazine, Boston, Mass.

Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
Willis Mfg. Co., Galesburg, Ill.

3428—Cribbage Boards

Gorham H. W., E. Norwalk, Conn.
Grote F. & Co., 82 4th av, New York

3429—*Crimpers (Aerial Rings)

DIAMOND EXPANSION BOLT CO.
("Diamond"), 89 West, New York
See adv index at end of book

3430—*Crimpers (Cap)

du PONT E. I. de NEMOURS & CO.
("Du Pont") (See also Blasting Supplies), Wilmington, Del.
For branch offices see adv index at end of book
HERCULES POWDER CO. ("Hercules"), Wilmington, Del.
See adv index at end of book

3431—Crimpers (Pie)

Hamblin & Russell Mfg. Co., Worcester, Mass.
National Mfg. Co. ("Natwire"), Worcester, Mass.

3432—Crinoline

American Hair Cloth Co., Pawtucket, R. I.
Griswoldville Mfg. Co., Griswoldville, Mass.
Irving Mfg. Co., 23 Jersey, New Brighton, S. I., N. Y.
McLean Andrew Co., Passaic, N. J.
North Scituate Cotton Mills, N Scituate, R. I.
Palmer I. E. Co., Middletown, Conn.

3433—Crockery

Cannonsburg Pottery Co., Canonsburg, Pa.
Canton Clay Products Co., Canton, O.
Carrollton Pottery Co., Carrollton, O.
Cartwright Bros. Co., East Liverpool, O.
Cook Pottery Co., Trenton, N. J.
Crown Potteries Co., Evansville, Ind.
French China Co., Sebring, O.
Greenwood Pottery Co., Trenton, N. J.
Harker Pottery Co., East Liverpool, O.
International Pottery Co., Trenton, N. J.
Knowles Edwin M. China Co., East Liverpool, O.
Knowles, Taylor & Knowles Co., East Liverpool, O.
Laughlin Homer China Co., East Liverpool, O.
Leopold J. & Co., 101 Hanover, Baltimore, Md.
Lilienthal Crockery Co., Atlanta, Ga.
McNicol D. E. Pottery Co., East Liverpool, O.
Mayer China Co., Beaver Falls, Pa.
Mercer Pottery Co., Trenton, N. J.
National China Co., Salineville, O.
Onondaga Pottery Co., Syracuse, N. Y.
Owens J. B. Floor & Wall Tile Co., Zanesville, O.
Pace Bros. & Sons, Roseville, O.
Ransbottom Bros. Pottery Co., Roseville, O.
Robinson Clay Product Co. (Pottery), Akron, O.
Roseville Pottery Co., Zanesville, O.
Salem China Co., Salem, O.
Sebring E. H. China Co., Sebring, O.
Smith-Phillips China Co., East Liverpool, O.
Standard Pottery Co., East Liverpool, O.
Steubenville Pottery Co., Steubenville, O.
Summit China Co., Akron, O.
Taylor, Smith & Taylor Co., East Liverpool, O.
Thompson C. C. Pottery Co., East Liverpool, O.
Vodrey Pottery Co., East Liverpool, O.
Warwick China Co., Wheeling, W. Va.
Weller S. A., Zanesville, O.
Wellsville China Co., Wellsville, O.
West End Pottery Co., East Liverpool, O.

3434—Crocus Martis

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
Waddell R. J. & Co. (Imp), 52 Beekman, New York
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

3435—Croquet Sets

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Garton Toy Co., Sheboygan, Wis.
Rademaker H. & Sons, Grand Rapids, Mich.
Roy Bros., East Barnet, Vt.
Saginaw Wood Products Co. (Croquet Pool), Gaylord, Mich.
Selchow & Righter Co., 620 B'way, New York
South Bend Toy Mfg. Co., So Bend, Ind.

3436—Cross Arms, Brackets, Etc. (Iron & Steel)

American Bridge Co., 30 Church, New York
Belmont Iron Works, 22d & Washington av, Phila., Pa.
Bissell F. Co. ("Security," Angle Iron), Toledo, O.
Brady Electric Mfg. Co., New Britain, Conn.
Creaghead Engineering Co. ("Flexible" Malleable Iron), 340 Main, Cincinnati, O.
Cutter Geo. Co., South Bend, Ind.
Diamond Steel Pole Co., Land Title bldg, Phila., Pa.
Eastern Malleable Iron Co. ("Beardsley" Malleable Iron), Naugatuck, Conn.
Electric Railway Equipment Co., Cincinnati, O.
Electric Service Supplies Co. ("Key-stone"), 17th & Cambria, Phila., Pa.
Electrical Construction Supply Co. ("Chub-buck"), Springfield, O.
Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.
Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
Hall Frank B. Co. (Pressed Steel Brackets), Newton Falls, O.
Hallett Iron Works, Harvey, Ill.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hubbard & Co. ("Bo-Arrow" Galvanized), 63d & Butler, Pittsburgh, Pa.
Illinois Malleable Iron Co. (Malleable Iron), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
Lanz M. & Sons (Steel Angle), 2907 Carson, Pittsburgh, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Mitchell-Tappen Co., 17 John, New York
Morris Elmer P. Iron Works, 136 Liberty, New York
Morris Iron & Steel Co., Frederick, Md.
Newhall Chain, Forge & Iron Co., 89 West, New York
Ohio Brass Co., Mansfield, O.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
St. Louis Malleable Casting Co. (Malleable Iron), 7701 N Conduit av, St. Louis, Mo.
Specialty Device Co. (Charcoal Iron Cross Arms), 112 W 3rd, Cincinnati, O.
Thomas R. & Sons Co. ("Byllesby," Wish-bone Cross Arms), East Liverpool, O.

Cross Arms (Creosoted)

See Creosoting Works

3437—Cross Arms (Wood)

See also Insulator Pins & Brackets
American Creosote Works (Creosote), Southport, New Orleans, La.
American Cross Arm Co., (Fir, Yellow Pine, Cypress, etc), 332 S Michigan av, Chicago, Ill.
Anguera Lumber & Tie Co., 910 S Michigan av, Chicago, Ill.
Barnes-Lindsley Mfg. Co., Portland, Ore.
Berlin Mills Co. (Kyanized Spruce), Portland, Me.
Berthold & Jennings Lumber Co., Wright bldg, St. Louis, Mo.
Bissell F. Co. (Yellow Pine & Fir Cross Arms & Locust Pins), Toledo, O.
Bruton J. C., Fayetteville, N. C.
California Pole & Piling Co., San Francisco, Cal.
Central Mfg. Co. (Yellow Pine Brackets, Cross Arms & Pins), Chattanooga, Tenn.
Clark A. F. Lumber Co., Peabody, Mass.

Cohn & Bock Co. (Yellow Pine Cross Arms, Oak Insulator Pins & Brackets), Princess Anne, Md.
Compressed Wood Preserving Co. (Creosoted), Cincinnati, O.
Doty Lumber & Shingle Co., Doty, Wash.
Eastern R'way & Lumber Co., Centralia, Wash.
Frye J. Marshall Co., Hattiesburg, Miss.
Gulf Arm & Creosoting Co., Hattiesburg, Miss.
Gulfport Creosoting Co., Gulfport, Miss.
Houston & Liggett (Live & White Oak, Gum & Elumn Insulator Pins), Houston, Tex.
International Creosoting & Construction Co. (Creosoted), Galveston, Tex.
Joslyn Mfg. & Supply Co., 133 W Washington, Chicago, Ill.
Lindsley Bros. Co., 72 W Adams, Chicago, Ill.
Louisiana Red Cypress Co., Hibernia Bk bldg, New Orleans, La.
McCormick Lumber Co., McCormick, Wash.
Mueller Wm. & Co., 332 S Michigan, Chicago, Ill.
Norfolk Creosoting Co. (Creosoted), Norfolk, Va.
Pettingell Andrews & Co. ("Exemplar"), 166 Pearl, Boston, Mass.
Pilliod Lumber Co., Swanton, O.
Roper J. L. Lumber Co. (White Cedar or Juniper), Norfolk, Va.
St. Paul & Tacoma Lumber Co. (Creosoted), Tacoma, Wash.
Southern Creosoting Co., Ltd. ("Creosoted"), Slidell, La.
Southern Exchange Co. (Georgia Pine Cross Arms), Maxton, N. C.
Southern Pine Mfg. Co. (Yellow Pine), Paducah, Ky.
Southern Wood Preserving Co. ("Creosoted"), Atlanta, Ga.
Union Railway Supply Co., Real Estate Tr. bldg, Phila., Pa.
Voncanon J. B. & Bro., West End, N. C.
Washington Cross Arm & Conduit Co. (Fir), Creosote, Wash.
Western Lumber & Pole Co. (Yellow Fir), Denver, Colo.
Williams F. B. Cypress Co., Ltd. (Cypress), Paterson, La.

3438—Cross Bars (For Goose-necks)

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

Cross Ties

See Ties, Poles & Posts

3439—Crosses (Pipe Fitting)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
Jarecki Mfg. Co. (Malleable), Erie, Pa.
Kuhns Bros. (Cast Iron), Dayton, O.
LUNKENHEIMER CO. (Brass), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book
National Tube Co. (Cast & Mall. Iron & Brass), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
Powell Wm. Co. (Brass), Cincinnati, O.
Sherman H. B. Mfg. Co. (Brass), Battle Creek, Mich.
Walworth Mfg. Co. (Brass, Cast & Malleable Iron), Boston, Mass.

3439a—*Crosses (Wooden)

ESTES E. B. & SONS, 358 5th av, New York.
See adv index at end of book

Crossings (Railway)

See Frogs, Switches, Crossings, etc

3440—Crow Bar Mfrs.

Wedge or Pinch Point

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Beall Bros. (Inc) (Pinch or Wedge Point, etc), Alton, Ill.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works (Pinch & Wedge Point), Evansville, Ind.
Fulton Tool Works (Miners), Canal Fulton, O.

Hardsocg Martin Co. (Miners), 922 South av, Pittsburgh, Pa.
Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Logan Iron & Steel Co., Burnham, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Olliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Union Drop Forge Co., 358 W Grand, Chicago, Ill.
Warren Tool & Forge Co., Warren, O.
Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*

3441— Crozers (Coopers')

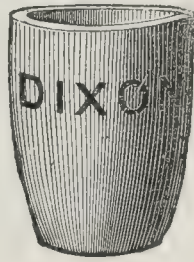
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

3442— Crucible Mfrs.

Acheson Graphite Co. (Graphite, for High Temperature Work), Niagara Falls, N. Y.
American Oil & Supply Co. ("Burns," for Dentists & Mfg. Jewelers, also Safety Crucibles), 52 Lafayette, Newark, N. J.
Baker & Co. (Platinum), 54 Austin, Newark, N. J.
Bartley Jonathan Crucible Co. (Graphite), Trenton, N. J.
Bay State Crucible Co., Taunton, Mass.
Berge J. & H. (Imp), 95 John, New York
Bridgeport Crucible Co. (Black Lead, Clay Lined), Bridgeport, Conn.
Denver Fire Clay Co. (Jobbers), Denver, Colo.

DIXON JOSEPH, CRUCIBLE CO.
("Dixon's" Black Lead Crucibles & Retorts, Assay, Bottompour, File, Furnace, Tilting for use in Monarch Furnaces, Oil Furnace, Sand Self Skimming & Standard Sizes), Jersey City, N. J. *See adv index at end of book*

**DIXON'S
Graphite
Crucibles**



of all sizes for all purposes; bowls, dippers, stirrers, phosphorizers, stoppers, nozzles, sleeves and other fire and heat resisting products. Estimates promptly furnished from sketch or pattern for any special article to be made of crucible material.

Made in **JERSEY CITY, N. J.**, by the
JOSEPH DIXON CRUCIBLE COMPANY



Eimer & Amend (Importers), 205 3rd av, New York
FOREIGN CRUCIBLES LTD. (Importers), Church & Fulton, New York
See adv index at end of book
Gautier J. H. Co. (Black Lead), Greene, Jersey City, N. J.
Goebel J. & Co. (Importers), 129 Maiden la, New York
Grueby Faience & Tile Co. ("Grueby," Clay & Graphite), Boston, Mass.
Guernsey Earthenware Co. (Porcelain), Cambridge, O.
Heil Henry Chemical Co. ("Battersea," Imported), St. Louis, Mo.
Laboratory Supply Co., 236 N 3d, Columbus, O.
McCullough-Dalzell Crucible Co., 36th & A. V. Ry., Pittsburgh, Pa.
National Carbon Co. (Made From Carbon), Cleveland, O.
Ohio Pottery Co. ("Ohio"), Columbus, O.
Ross-Tacony Crucible Co., Robins & Milner, Phila., Pa.
Seidel Reuben B. (Inc.), (Black Lead), 1322 Callowhill, Phila., Pa.
Taunton Crucible Works (Pure Ceylon Graphite), Taunton, Mass.

Taylor Robert J. (Inc.), 1900 Callowhill, Phila., Pa.
Thermal Syndicate Ltd., 50 E 41st, New York
Woodison E. J. Co. (Brass-Steel), Detroit, Mich.
Woods-Lloyd Co., S 30th & Jane, Pittsburgh, Pa.

Crucible Steel
See Steel, Crucible

3443—*Crucible Tongs & Shanks
NORTHERN ENGINEERING WORKS
(For Brass Foundries), 9 Chene, Detroit, Mich. *See adv index at end of book*

3444—*Crucibles (Brazing)
DIXON JOSEPH, CRUCIBLE CO.
("Dixon's"), Jersey City, N. J.
See adv index at end of book

3445—*Crucibles (Graphite)
DIXON JOSEPH CRUCIBLE CO. (Also Clay & Clay & Graphite Mixtures), Jersey City, N. J.
See adv index at end of book
FOREIGN CRUCIBLES LTD. (Importers), Church & Fulton, New York
See adv index at end of book

3446— Crucibles (Iron)
Stuart & Peterson Co., Burlington, N. J.

Crucibles (Platinum)
See Platinum Crucibles & Dishes

3447—*Crucibles (Steel)
DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.
See adv index at end of book
FOREIGN CRUCIBLES LTD. (Importers), Church & Fulton, New York
See adv index at end of book

3447a—*Crumb Trays & Scrapers
du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

3448— Crusher Parts
Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry, Phila., Pa.
See adv index at end of book
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

3449— Crushers (Asphalt)
American Pulverizer Co. ("American" Ring Pulverizer), 32nd & Ridge, East St. Louis, Ill.
Coldwell-Wilcox Co., Newburgh, N. Y.

**When writing to firms
whose names appear
in this book please
mention**

**HENDRICKS'
COMMERCIAL
REGISTER.**

Imported Graphite Crucibles
\$200,000.00 New York Stock.
Arrivals Regularly on Contract.

Following will Approximate Your Experience

DOMESTIC
No. 70 @ 16c (first cost) is \$11.20
Divided by 10 heats, equals
final cost of \$1.12 per heat

FOREIGN
No. 70 @ 24c (first cost) is \$16.80
Divided by 30 heats, equals
final cost of 56c per heat

QUALITY sold over \$500,000 worth first year.

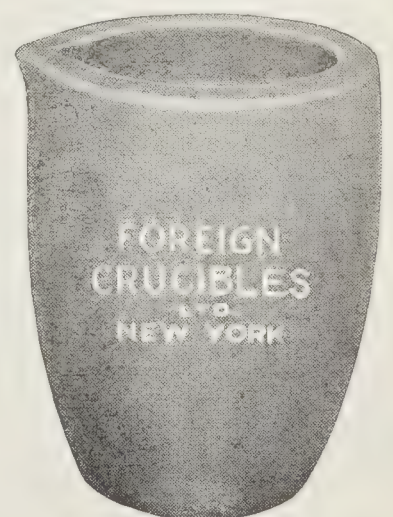
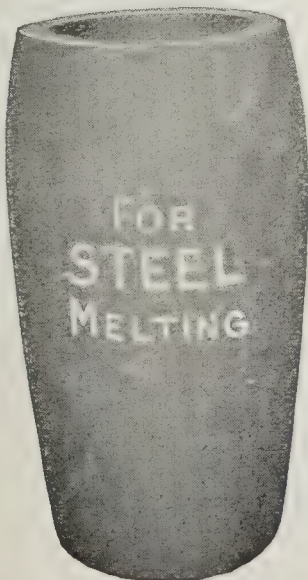
Ask who got 43 and 55 heats

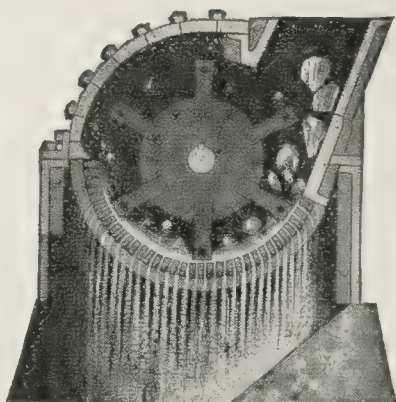
Foreign Crucibles Corporation, Ltd.

Capital \$250,000.00—Fully Paid

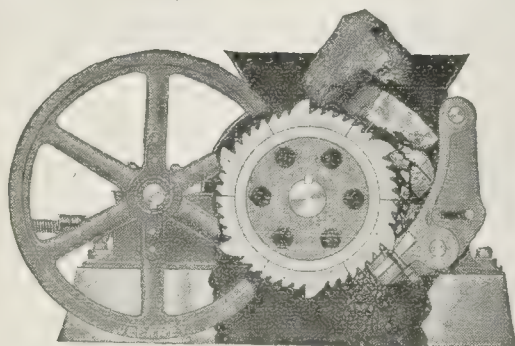
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Type "A" Swing Hammer Pulverizer.



Single Roll Coal and Coke Crusher.

JEFFREY Crushers and Pulverizers

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Single Roll Crushers for Run-Of-Mine Coal, Coke, etc.

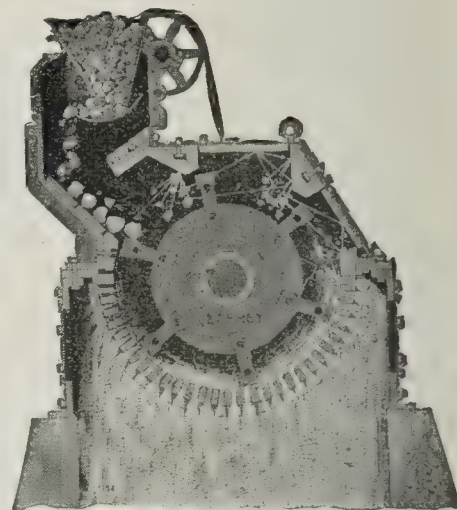
Double Roll Crushers and Disintegrators for Coal, Shale, Cinder, Salt, Coke, etc.

Shredders for Pulp Laps, Wood Chips, Bark, Dyewood, Cereals, Licorice Root, Paper Stock, Rags, Magazines, Rubber Plant, etc.

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Type "D" Ball Bearing Swing Hammer Pulverizer.

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Traylor John A Machy. Co., Denver, Colo.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3450— Crushers (Barley)

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3451— Crushers (Clay)

ABBE ENGINEERING CO., 220 B'way, New York See adv index at end of book
American Clay Machinery Co., S Walnut, Bucyrus, O.
American Pulverizer Co., 32nd & Ridge, East St. Louis, Ill.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creager Co., New London, O.
Bonnot Company, Canton, O.
Brazil Machine & Foundry Co., Brazil, Ind.
Brewer H. & Co., Tecumseh, Mich.
Brunner Foundry & Mfg. Co., Peru, Ill.
Eagle Iron Works, Des Moines, Ia.
Fate J. D. Co., Plymouth, O.
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
Freese E. M. & Co., Gallon, O.
Frost Mfg. Co., Galesburg, Ill.
International Clay Machy. Co., Dayton, O.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York See adv index at end of book
Nebel M. A., 72 Grand av, Brooklyn, N. Y.
Raymond Bros., Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
Stedman's Foundry & Machine Works, Aurora, Ind.
Stevenson Co., Wellsville, O.
Taplin-Rice-Clerkin Co., Akron, O.
Traylor John A. Machy. Co., Denver, Colo.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3452—Crushers (Coal & Coke)

ABBE ENGINEERING CO., 220 B'way, New York See adv index at end of book
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book
American Pulverizer Co., 32nd & Ridge, East St. Louis, Ill.
BARTLETT C. O. & SNOW CO. ("Triumph," Two & Four Roll), French st, Cleveland, O. See adv index at end of book
BEAUMONT R. H. CO., Drexel bldg, Phila., Pa. See adv index at end of book
Brunner Foundry & Mfg. Co., Peru, Ill.
Connellsville Mach. & Car Supply Co., Connellsville, Pa.
Excel Mfg. Co., Pottersville, N. J.
Exeter Machine Works, Pittston, Pa.
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.
Hunt C. W. Co. (Coal), West New Brighton, N. Y. See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book
Keller Christian M., Columbus, Ind.
Johnson Engineering Works ("Johnson," Marathon), 38 S Dearborn, Chicago, Ill.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York See adv index at end of book
LINK-BELT COMPANY ("Link Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
Millholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.
Pennsylvania Crusher Co. (Hammer, Rotary, etc.), Stephen Girard bldg, Phila., Pa.
Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
ROBINS CONVEYING BELT CO., 13 Park row, New York See adv index at end of book
Specialty Engineering Co., Trenton & Allegheny, Phila., Pa.
Sprout, Waldron & Co. (Also Facing), Muncy, Pa.

Stedman's Fdry. & Machine Works, Aurora, Ind.
Stephens-Adamson Mfg. Co., Aurora, Ill.
Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
Traylor John A. Machy. Co., Denver, Col.
United Iron Works Co., Springfield, Mo.
Universal Crusher Co. ("Eureka" & "Universal"), Cedar Rapids, Ia.
Vulcan Iron Works, Wilkes-Barre, Pa.
Webster Mfg. Co., Tiffin, O.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

Crushers (Coke)

See Crushers, Coal & Coke

Crushers (Corn & Cob)

See Mills, Corn & Cob

3453-4— *Crushers (Cullet)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book

3455— Crushers (Hammer)

Pennsylvania Crusher Co. (For Cement, Rock, Clay, etc.), Stephen Girard bldg, Phila., Pa.
Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3456— Crushers (Oat)

ABBE ENGINEERING CO., 220 B'way, New York See adv index at end of book
Bellows W. R. ("National"), 4 Hall pl, New York
Excel Mfg. Co., Pottersville, N. J.

3456a— *Crushers (Portable)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. See adv index at end of book

3457—Crushers (Rock & Ore)

ABBE ENGINEERING CO. (Hand Power), 220 B'way, New York See adv index at end of book

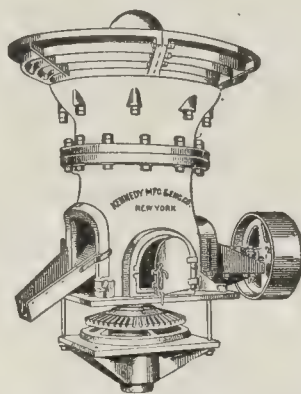
Acme Road Machinery Co., Frankfort, N. Y.
ALLIS-CHALMERS MFG. CO. ("Gates"), Milwaukee, Wis.
See adv index at end of book
 American Clay Machinery Co. (Clay & Rock), S Walnut, Bucyrus, O.
 American Pulverizer Co. ("American"), 32d & Ridge, East St. Louis, Ill.
 American Road Machinery Co. ("Champion," "Climax," "Fort Wayne") Kennett Sq., Pa.
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Brunner Foundry & Mfg. Co., Peru, Ill.
 Buchanan C. G. Co., 90 West, New York
 Butterworth & Lowe (Jaw Reciprocating; also Rotary), Grand Rapids, Mich.
 Calkins Co. ("Advance" Ore), Los Angeles, Cal.
 Chalmers-Williams Mfg. Co. ("Bronze Ball" Gyratory; also "Blake," "Dodge" Disc), 1461 Arnold, Chicago Heights, Ill.
 Coldwell-Wilcox Co. ("Brennan"), Newburgh, N. Y.
 Colorado Iron Works Co., Denver, Colo.
 Denver Engineering Works Co. (Ore), Denver, Colo.
 Engelbach Machine Mfg. Co., Leadville, Col.
 Farrel Foundry & Machine Co. (Stone Breakers, etc), Ansonia, Conn.
 Galena Iron Works Corp., Galena, Ill.
 Gallion Iron Works & Mfg. Co., Gallion, O.
 Gardner Crusher Co., 1842 B'way, New York
 Hallidie Co. ("Blake" Pattern), Spokane, Wash.
 Hassell Iron Works Co., Colorado Springs, Col.
 Hendy Joshua Iron Works ("Hercules"), 75 Fremont, San Francisco, Cal.
 Hoagland's M. Sons Co., Rockaway, N. J.
 Jefferson Iron Works Co., Detroit, Mich.
JEFFREY MFG. CO. ("Jeffrey" Rotary, etc), 961 N Fourth, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
 Knoxville Fdry. & Mach. Co. (Comb. Jaw Roller Pulverizer), Knoxville, Tenn.
 Krom Machine Works (Ore.), 170 B'way, New York. Works: Jersey City, N. J.
 Lansing Co. ("Lansing" Small for Contractors, etc.), Lansing, Mich.
 Lehigh Car Wheel & Axle Works ("Lehigh"), Catasauqua, Pa.
 Lewistown Foundry & Machine Co., Lewistown, Pa.
 McFarlane Peter & Sons Iron Works Co., Denver, Colo.
 Mine & Smelter Supply Co. (Ore.), 42 B'way, New York
 Morse Bros. Machinery & Supply Co. ("Wild" Mill), Denver, Colo.
 New England Road Machy. Co. ("New England"), 15 S Market, Boston, Mass.
 Pennsylvania Crusher Co. (Jaw Rock), Stephen Girard bldg, Phila., Pa.
 Phillips & McLaren ("Blake" & "Forster"), 24th & Smallman, Pittsburgh, Pa.
 Phoenix Iron Works, Portland, Ore.
 Port Huron Engine & Thresher Co., Port Huron, Mich.
 Raymond Bros. Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
ROCK PRODUCTS EQUIPMENT CORP., 42 Church, New York
See adv index at end of book
 Samson Mfg. Co. ("Samson"), Denver, Col.
 Smith Engineering Co., 1155 32d, Milwaukee, Wis.
 Smith & Sons Mfg. Co. ("Royal" Rock Crusher, Kansas City, Mo.
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
 Sprout, Waldron & Co., Muncy, Pa.
 Sterritt-Thomas Foundry Co. (Stone Crushers), 33d & Smallman, Pittsburgh, Pa.
STURTEVANT MILL CO., Clayton & Park, Boston, Mass.
 Traylor Engineering & Mfg. Co. ("Gyratory," "Blake," etc), Allentown, Pa.
 Traylor John A. Mach. Co., Denver, Colo.
 Union Iron Works Co. ("Blake"), 20th & Michigan, San Francisco, Cal.
 United Iron Works Co., Springfield, Mo.

KENNEDY VAN SAUN Manufacturing & Engineering Corporation

120 Broadway

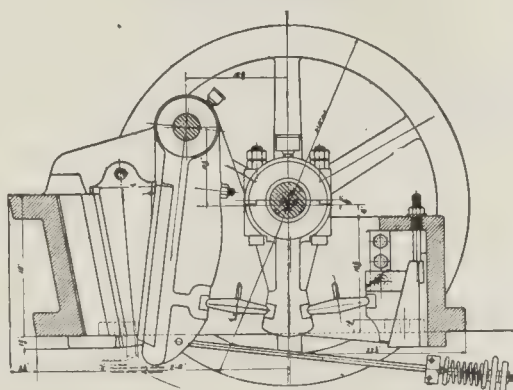
NEW YORK, N. Y.

The Kennedy Gyratory Crusher



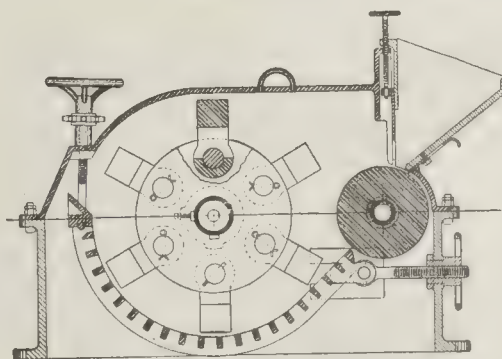
The "Best" in the World

The Kennedy Balanced Jaw Crusher



The "Biggest" in the World

The Kennedy Roll Hammer Crusher



The "Wonder" of the World

Universal Road Machinery Co. ("Reliance" Stone Crushers), Kingston, N. Y.
 Walker Mfg. Co. ("Blake" & "Dodge"), Denver, Colo.
 Walker & Elliott (Phosphate), 2nd & Lombard, Wilmington, Del.
 Webb City & Carterville Foundry & Machine Works ("Blake" Crusher), Webb City, Mo.
 Western Wheeled Scraper Co. (Rock), Aurora, Ill.
 Wheeling Mold & Foundry Co., Wheeling, W. Va.
 Williams Patent Crusher & Pulverizer Co. (Quartz Rock), 813 Montgomery, St. Louis, Mo.
 Worthington Pump & Machinery Corp. ("McCully"), 115 B'way, New York

3458—Crushers (Rock & Ore, Gyratory)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.
 Chalmers-Williams Mfg. Co. ("B. B."), 1461 Arnold, Chicago Heights, Ill.
 Good Roads Machinery Co. Kennett Square, Pa.
 Hooven, Owens, Rentschler Co., Hamilton, O. *See adv index at end of book*
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
 Smith Engineering Works, 1155 32d, Milwaukee, Wis.
 Traylor Engineering & Mfg. Co. ("Blake," etc), Allentown, Pa.
 Worthington Pump & Machinery Corp. ("McCully" & "Dodge"), 115 B'way, New York

3459—Crushers (Rock & Ore, Hand Power)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
 Braun-Knecht-Heimann Co. ("Taylor's"), 576 Mission, San Francisco, Cal.

3460—Crushers (Rock & Ore, Jaw)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Austin Mfg. Co. S. Michigan av, Chicago, Ill.
 Case J. I. Threshing Machine Co., Racine, Wis.
 Chalmers-Williams Mfg. Co. ("Blake," "Dodge"), 1461 Arnold, Chicago Heights, Ill.
 Colorado Iron Works Co., Denver, Colo.
 Denver Engineering Works Co., Denver, Colo.
 Dillon-Box Iron Works Co., Denver, Colo.
 Galena Iron Works Corp., Galena, Ill.
 Good Roads Machinery Co., Kennett Square, Pa.
 Hassell Iron Works Co., Colorado Springs, Colo.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
 McFarlane Peter & Sons Iron Works Co., Denver, Colo.
 Smith Engineering Works, 1155 32d, Milwaukee, Wis.
 Stearns-Roger Mfg. Co., Denver, Colo.
 Traylor John A. Mach'y Co., Denver, Colo.
 Universal Crusher Co., Cedar Rapids, Ia.
 Universal Road Machy. Co. ("Reliance"), Kingston, N. Y.

3461—Crushers (Roll Hammer)

KENNEDY VAN SAUN MFG. & ENG. CORP. ("Blake" Type), 120 Broadway, New York. *See adv index at end of book*

3462—Crushers (Rotary)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Pennsylvania Crusher Co. (For Chemicals, Coal, Phosphate, Paints, etc), Stephen Girard bldg, Phila., Pa.

Sturtevant Mill Co. (For Chemicals, Paints, Phosphate, etc), Clayton & Park, Dorchester, Boston, Mass.

3462a— *Crushers (Slag)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

3463— Crushers (Spindle)

Bethlehem Steel Co., South Bethlehem, Pa.

Crushers (Sugar Cane)

See Mills, Sugar Cane

3464—Crushers & Levelers (Clod)

Brillion Iron Works, Brillion, Wis.
Cutaway Harrow Co. ("Clark," "Lightning"), Higganum, Conn.
Deere John Plow Works, Moline, Ill.
Deere & Co. ("Deere"), Moline, Ill.
Dunham Co. ("Dunham"), Berea, O.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Moline Plow Co. ("Paralyzer" & "Brillion"), Moline, Ill.
Nash Duane H. ("Acme"), Millington, N. J.
Ohio Cultivator Co. ("Cyclone"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O. Canton"), Canton, Ill.
Rock Island Plow Co. ("Smasher"), Rock Island, Ill.
Rumely M. Co. ("Advance Gaar-Scott," "Rumely"), La Porte, Ind.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
Sterling Mfg. Co. ("Sterling"), Sterling, Ill.

3465— Crutches (Pole)

Hallett Iron Works ("Hallett"), Harvey, Ill.

3466— Cryolite

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*
Vitro Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

3466a—*Crystallizers (Ammonium Nitrate)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

3467— Crystallizers (Sugar)

Blymer Iron Works Co., Cincinnati, O.
Coatesville Boiler Works (Sugar), Coatesville, Pa.
Creason-Morris Co., Allegheny & 18th, Phila., Pa.
Deeley Robt. & Co., 29 B'way, New York
Devine J. P. Co., Buffalo, N. Y.
Dyer Co., Cleveland, O.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
Kilby Mfg. Co., Cleveland, O.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co., ft Poplar, Wilmington, Del.
Riter-Conley Co., Pittsburgh, Pa.
Stearns-Roger Mfg. Co., Denver, Colo.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co., 140 Cedar, New York; Works: Lebanon, Pa.
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York; Works: Newburgh, N. Y.
Whitney Iron Works Co., 849 Tchoupitoulas, New Orleans, La.

3468— Crystals

American Chemical Co. (Soda), 640 Carr, Cincinnati, O.

General Chemical Co. (Sulphide, Soda, Muriate of Tin), 25 Broad, New York
Solvay Process Co. (Mono-Hydrate & Snow Flake), Syracuse, N. Y.; Hutchinson, Kan., & Detroit, Mich.

3469— Crystals (Watch)

American Optical Co., Southbridge, Mass.
Bache Semon & Co. (Imp), 636 Greenwich, New York
Berger Albert & Co. ("W. B. & C."), 45 John, New York
Hammel, Riglander & Co., 47 Maiden la, New York
Seymour Ernest, 60 Nassau, New York
Waterbury Clock Co., Waterbury, Conn.

3470—Cube Sugar Apparatus

Deeley Robt. & Co., 29 B'way, New York
Hersey Mfg. Co., First, So. Boston, Mass.

3471—Cues (Billiard & Pool)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Marx Alfred B. & Bro., 30 Union sq, N. Y.
Pick Albert & Co., 1200 W 35th, Chicago, Ill.

3471a— *Cuffs (Cleanable)

DU PONT E. I. DE NEMOURS CO. (The Arlington Works), (Brands: "Challenge," "Pyralin," "Outdoor," "Water-Nymph," "Blue Ribbon"), 725-27 B'way, New York

3472— Cullet

Levy Max & Co. (Jobbers & Brokers), 845 Rees, Chicago, Ill.

3473—Cultivator Attachments

Empire Plow Co., Cleveland, O.
Gale Mfg. Co., Albion, Mich.

3474— Cultivators

Akron Cultivator Co. (Riding & Walking Pivot-Axle Automatic, also Walking), Akron, O.
Albright Jas. H. & Sons (Riding & Walking), Mifflinburg, Pa.
Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
American Seeding Machine Co., Springfield, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson Frank W., Portland, N. Y.
Arnold's G. W. Son, Ionia, Mich.
Avery B. F. & Sons (Riding & Walking), Louisville, Ky.
Avery Co. Motor ("Doublet," "Universal," "Togo," "New Mystic"), Peoria, Ill.
Babcock Mfg. Co. ("Otsego," Walking, One Horse), Leonardville, N. Y.
Bacon Mfg. Co. (Garden), Pontiac, Mich.
Bailor Plow Mfg. Co. (Corn & Cotton), Atchison, Kan.
Batavia Clamp Co., Batavia, N. Y.
Bateman Mfg. Co. ("Iron Age" Riding, Walking & Horse Hoe), Grenloch, N. J.
Beatrice Iron Works, Beatrice, Neb.
Belcher & Taylor Agl. Tool Co. (Prouts Hoeing Machine), Chicopee Falls, Mass.
Bement's E. Sons (Riding & Walking), Lansing, Mich.
Blount Plow Works (Walking & Riding, "True Blue" Spring Trip), Evansville, Ind.
Bridgewater Plow Corp. ("Superior" 5 Tooth), Bridgewater, Va.
Brinly Hardy Co. (Riding & Walking etc), Louisville, Ky.
Bristol & Gale Co. (Hand), 158 Carroll av, Chicago, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co. (Riding & Walking), Zanesville, O.
Burch Plow Works Co., Crestline, O.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Cambridge Steel Plow Co., Cambridge, N. Y.
Case J. I. Plow Works ("Case Crank Shift," "Case Pivot Axle," "Case Pivot Frame," "Case Surface," "Case Seat Guide," "Eclipse," "New Texas," "Twin," "Turn Narrow Tread," "Nome," "Universal" Disc & Two Row Listed Corn Riding, & "Case," "Case Balance Frame," "Case Easy" Walking), Racine, Wis.
Champion Drill Co., Avon, N. Y.

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.

Children's E. Sons Mfg. Co. (Corn & Cotton Only), Council Bluffs, Ia.

Clore Wm. H. Mfg. Co. ("Dixie"), Washington, Ind.

Collins Plow Co. (Disc & Riding & Walking Combined), Quincy, Ill.

Cutaway Harrow Co., Higganum, Conn.

Davidson-Dietrich Plow Co., Evansville, Ind.

Deere John Plow Works (Walking, Riding Two Row, Lister, Disc), Moline, Ill.

Deere & Co. (Sugar Cane, also Walking, Riding & Combined Riding & Walking), Moline, Ill.

Deere & Mansur Works (Alfalfa, Disc & Beet), Moline, Ill.

Dempster Mill Mfg. Co., Beatrice, Neb.

Deuscher H. P. Co. ("Ideal"), Hamilton, O.

Donaldson Bros. ("Steel King," "Jiant," "Baldwin's American"), Mt. Clemens, Mich.

Doylestown Agricultural Co., Doylestown, Pa.

Eagle Hay Press & Implement Co., Muskogee, Okla.

Emerson-Brantingham Co. ("Emerson," Five Tooth), Rockford, Ill.

Empire Plow Co. ("Cleveland"), Cleveland, O.

Eureka Mower Co. (Spike, Spring & Shovel Tooth, Walking, etc), 16 Hickory, Utica, N. Y.

Everts Mfg. Co., Meridian, N. Y.

Farquhar A. B. Co., Ltd. (Riding & Walking), York, Pa.

Fort Madison Plow Co., Fort Madison, Ia.

Gale Mfg. Co. (Riding or Walking, also Walking Tongue & Tongueless, also Fine Tooth, etc), Albion, Mich.

Genung C. W. (Disc & Single & Double Wheel), Madison, O.

Gowanda Agl. Works (Horse Hoe, etc), Gowanda, N. Y.

Grand Detour Plow Co. ("Uncle Sam," "Colonial" Walking & Riding), Dixon, Ill.

Greenville Implement Co. (Star Shovel), Greenville, Mich.

Harriman Mfg. Co., Harriman, Tenn.

Hartig-Becker Plow Co. (Up-to-Date), Evansville, Ind.

Hartman Mfg. Co. (Disc Riding & Walking), Vincennes, Ind.

Hayes Pump & Planter Co. ("Hayes" Riding & "Leila," "Slick," "Leader," Victor," Walking), Galva, Ill.

Hench & Dromgold (Walking, Riding & Trucking), York, Pa.

Herschel R. Mfg. Co. (Single Wheel), Peoria, Ill.

Hussey Plow Co., No Berwick, Me.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (International-Deering-McCormick-Osborne), 702 Harvester bldg, Chicago, Ill.

See adv index at end of book

Janesville Machine Co. (Disc & Lister), Janesville, Wis.

Johnston Harvester Co., Batavia, N. Y.

Keller Mfg. Co., 1325 N E, Quincy, Minneapolis, Minn.

Kelly G. A. Plow Co, Longview, Tex.

Keystone Farm Machine Co. (Riding & Walking), York, Pa.

Killefer Mfg. Co., 2209 Santa Fe, Los Angeles, Cal.

King Drill Mfg. Co., Nebraska City, Neb.

King & Hamilton Co. ("Little Boy"), Ottowa, Ill.

La Crosse Plow Co. (Riding & Walking), La Crosse, Wis.

Lean Roderick Mfg. Co. (Riding, "Jap," "Leho," "New Fremont," "Hobo," "Lehr," "Busy Bee," "Pattee"), Mansfield, O.

Lehr Agricultural Co. (Riding & Walking), Fremont, O.

Long & Allstatter Co. (Riding, Walking, Tongue & Tongueless), Hamilton, O.

Lyon Iron Works, Greene, N. Y.

McDonald Wm. Sons, Lapeer, Mich.

Madison Plow Co. (Riding & Walking), Madison, Wis.

Maroa Mfg. Co., Maroa, Ill.

Mason F. C. & Co. ("Banner," Hand, etc), St. Johns, Mich.

Messinger Mfg. Co. (Steel King Walking), Tatamy, Pa.

Moline Plow Co. (Tongue Walking, Tongueless Walking, Riding, Combined Walking & Riding, Disc, Lister, etc, "Dandy," "Texas Dandy,") Moline, Ill.

Monitor Drill Co., St. Louis Park, Minn.
 Monmouth Plow Factory (Riding, Combined Walking & Tongueless, "Monmouth"), Monmouth, Ill.
 Moore Plow & Implement Co. (Beet & Garden), Greenville, Mich.
 Munnsville Plow Co. Steel Frame, Wheel, Harrow, Lever, etc), Munnsville, N. Y.
 National Drill Co., Cambridge City, Ind.
 Norcross C. S. & Sons (Garden Wheel), Bushnell, Ill.
 O'Neil T. L. ("Flying Sweedes" for Listed Corn, etc), Marseilles, Ill.
 Ohio Cultivator Co. (Sulky & Walking, "Famous Ohio"), Bellevue, O.
 Ohio Rake Co. (Riding, "Monarch," "Dayton" & "New Quail"), Dayton, O.
 Oliver Chilled Plow Works ("Oliver," Walking & Riding), South Bend, Ind.
 Palmer Jarvis, Northville, Mich.
 Parlin & Orendorff Co. ("P. & O." Riding, Walking, Disc, One Horse, Beet, Orchard, Listing, Cane, Surface, Tongueless), Canton, Ill.
 Pattee Plow Co. ("New Departure" Disc, "Biplane" Shovel, "Pattee" Listed Corn), Monmouth, Ill.
 Patterson Mfg. Co., Holly, Mich.
 Peru Plow & Wheel Co. (Riding & Walking), Peru, Ill.
 Racine-Sattley Co. (Walking, Riding & Combined "Sattley," "Corker," "Monarch," "Banner," "Sangamo," "Noxall," "New Prime" (2 Row), "Warner," "Lucky Hit," "Easy Way," "Hummer," "Only Way," 81 R., 82 R.), Springfield, Ill.
 Reed Fdry. & Mach. Co. ("Reed" All Steel), Kalamazoo, Mich.
 Rock Island Plow Co. (Riding & Walking), Rock Island, Ill.
 Rockford Mfg. Co. ("Dewey," "Tiger," "Hiram," "Rockford"), Rockford, Ill.
 Rowland T. T. & Son, Tusculumbia, Ala.
 Sargent, Osgood & Roundy Co., Randolph, Vt.
 Smith D. B. & Co. (Walking), Utica, N. Y.
 South Bend Chilled Plow Co. (Riding & Walking), South Bend, Ind.
 Southern Plow Co., Columbus, Ga.
 Southern Plow Co., Dallas, Texas.
 Sparta Plow Works, Sparta, Ill.
 Sterling Mfg. Co., Sterling, Ill.
 Swanson-St. Joseph Plow Co., St. Joseph, Mo.
 Syracuse Chilled Plow Co., Syracuse, N. Y.
 Texas Implement & Machine Co., Dallas, Tex.
 Thompson J. Plow Works, Beloit, Wis.
 Tower J. D. & Sons Co. (Walking & Riding, "Tower Surface"), Mendota, Ill.
 Towers & Sullivan Mfg. Co. ("Little Joe," "Champion," "Eureka"), Rome, Ga.
 Ulrich Mfg. Co., Rock Falls, Ill.
 Universal Tractor Mfg. Co. (Motor Driven), Columbus, O.
 Van Brunt Mfg. Co., Horicon, Wis.
 Washington Weeder Works (Double Disc Weeder), Walla Walla, Wash.
 West & Townsend, Martinsville, O.
 Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
 White's S. R. Sons ("Cotton King," "Cotton Bloom," "Carolina," "Daisy," "D-Arrow"), Norfolk, Va.
 Wood Bros. Thresher Co., Des Moines, Ia.
 Wood Walter A. Mowing & Reaping Machine Co. ("Queen"), Hoosick Falls, N. Y.
 Woodhouse J. S. Co., 191 Water, New York

3475—Cultivators (Alfalfa)

Bucher & Gibbs Plow Co. ("Imperial"), Canton, Ohio
 Deere & Mansur Co. ("Deere" Drag Bar Type), Moline, Ill.
 Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
 Light Draft Harrow Co. ("Kerkner"), Marshalltown, Ia.
 Moline Plow Co. ("Moline"), Moline, Ill.
 Reschke Machine Works, Wichita, Kan.
 South Bend Chilled Plow Co. ("South Bend"), South Bend, Ind.

3476—Cultivators (Bean & Corn)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
 American Seeding Machine Co., Springfield, O.
 Bailor Plow Mfg. Co., Atchison, Kans.
 Bucher & Gibbs Plow Co. (One Horse), Canton, O.
 Case J. I. Plow Works, Racine, Wis.

Moline Plow Co. ("Michigan" "Flying Dutchman"), Moline, Ill.
 Ohio Cultivator Co. ("Ohio"), Bellevue, O.
 Oliver Chilled Plow Works, South Bend, Ind.
 Reschke Machine Works, Wichita, Kans.
 Rock Island Plow Co., Rock Island, Ill.
 Tower J. D. & Sons Co. ("Tower"), Mendota, Ill.
 Wood W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

3477—Cultivators (Beet)

Akron Cultivator Co. ("Kraus" Pivot Axle 2 Row), Akron, Ohio
 Allen S. L. & Co. ("Planet Jr." 2 & 4 row), Denckla bldg, Phila., Pa.
 Bateman Mfg. Co. ("Iron Age" 2 row), Grenloch, N. J.
 Brown Mfg. Co. (Two Row), Zanesville, O.
 Bucher & Gibbs Plow Co. ("Imperial" two Row), Canton, O.
 Deere & Co. ("Deere Steel" Two Row), Moline, Ill.
 Deere & Mansur Co. (2 & 4 Row), Moline, Ill.
 Emerson-Brantingham Co. ("Emerson" Two Row), Rockford, Ill.
 Empire Plow Co. ("Empire" 2 Row), Cleveland, O.
 Gale Mfg. Co. ("Gale" 2 Row), Albion, Mich.
 Hayes Pump & Planter Co. ("Leader," "Victor" Two Row), Galva, Ill.
 Lehr Agricultural Co. (Two Row), Fremont, O.
 Moline Plow Co. ("Moline" 2 Row Walking, & 4 Row Riding), Moline, Ill.
 Moore Plow & Implement Co. ("Moore" 2 Row), Greenville, Mich.
 Ohio Cultivator Co. ("Ohio" 2 Row), Bellevue, Ohio
 Parlin & Orendorff Co. ("P. & O. Canton" Two & Four Row), Canton, Ill.
 Wood Walter A. Mowing & Reaping Co., Hoosick Falls, N. Y.

3478—Cultivators (Garden)

Akron Cultivator Co. ("Akron" Wheel, Hand), Akron, O.
 Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
 American Fork & Hoe Co. ("Invincible" & "Victor" Hand), Cleveland, O.
 Ames Plow Co. ("New Universal" Wheel), Quincy Hall, Boston, Mass.
 Avery B. F. & Sons ("Avery" Wheel, Hoe, Plow & Weeder), Louisville, Ky.
 Bacon Mfg. Co. ("Bacon" Wheel), Pontiac, Mich.
 Bateman Mfg. Co. ("Iron Age" Wheel, Hoe, Plow, Weeder), Grenloch, N. J.
 Blocki F. Co. ("Blocki"), Sheboygan, Wis.
 Brinly Hardy Co. ("Columbia" Wheel, Hoe, Plow & Weeder), Louisville, Ky.
 Bristol & Gale Co. (Wheel Hand), 158 Carroll av, Chicago, Ill.
 Brown Mfg. Co. ("Perfection"), Zanesville, O.
 Brown-Manly Plow Co. ("Fair," "Rival," Wheel Hoe, Plow & Weeder), Malta, O.
 Buffum Tool Co. ("New Boss"), South Side, Louisiana, Mo.
 Case J. I. Plow Works ("Katydid"), Racine, Wis.
 Columbia Planter Co. (Wheel Hand), Springfield, O.
 Crescent Forge & Shovel Co. (Wheel), Havana, Ill.
 Deucher H. P. Co. ("Ideal" Wheel, Hoe, Plow & Weeder), Hamilton, O.
 Gale Mfg. Co., Albion, Mich.
 Empire Plow Co. ("Baby," "Push Bars," "Rural," "Wizard," Wheel Hand), Cleveland, O.
 Genung C. W. ("Iron King" Wheel), Madison, O.
 Greenville Implement Co. ("Banner," "Garden King," "Peerless" Wheel), Greenville, Mich.
 Hall Mfg. Co. ("Hall"), Monticello, Ia.
 Hartman Mfg. Co. ("Little Gem," "Tip Top"), Vincennes, Ind.
 Hench & Dromgold, York, Pa.
 Herschel R. Mfg. Co. ("Standard"), Peoria, Ill.
 Lean Roderick Mfg. Co., Mansfield, O.
 Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
 Mason F. C. & Co. ("Banner" Wheel), St. Johns, Mich.
 Moore Plow & Implement Co. ("Gem," "Go-Easy," "Moore's" Wheel), Greenville, Mich.

National Drill Co., Cambridge City, Ind.
 New Idea Spreader Co. ("Coldwater," "New Idea"), Coldwater, O.
 Nemann & Hieronymus (Rotary), Mt. Olive, Ill.
 Norcross C. S. & Sons ("Norcross" Hand), Bushnell, Ill.
 Ohio Cultivator Co. ("Little Giant," "Magnolia," "Ohio," "Skaboo," "Southern Queen," "Climax," "Dexter" Wheel), Bellevue, O.
 Parlin & Orendorff Co. ("P. & O. Canton" Wheel, Hoe, Plow & Weeder), Canton, Ill.
 Peru Plow & Wheel Co. ("Clipper"), Peru, Ill.
 Sheffield Mfg. Co. (Hand), Burr Oak, Mich.
 South Bend Chilled Plow Co. ("Jewell," "Newmarket"), South Bend, Ind.
 Standard Garden Tool Co. ("Standard"), Montrose, Ia.
 Tenney & Co., Decatur, Ill.
 Thompson J. Plow Works (Walking & Riding), Beloit, Wis.
 Thornburgh Mfg. Co. ("National," "Peerless," "Rival," "Toledo," "Garden King," Wheel, Hoe, Plow & Weeder), Bowling Green, O.
 Whitaker Mfg. Co. ("Dixie," "Excelsior," "Gem," "Jarvis," "National," "Reliance," "Whitaker"), 409 S Green, Chicago, Ill.

3479—Cultivators (Onion)

See also Drills, Onion

Allen S. L. & Co. ("Planet Jr." Wheel Hand), Denckler bldg, Phila., Pa.
 Bacon Mfg. Co. ("Bacon," Wheel Hand), Pontiac, Mich.
 Clark W. J. Co., Salem, O.
 Genung C. W. ("Iron King," Wheel Hand), Madison, Ohio

3480—Cultivators (Sled)

Avery B. F. & Sons ("Avery" 1 & 2), Louisville, Ky.
 Deere & Co. ("John Deere" No. 4), Moline, Ill.
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
 Fort Madison Plow Co. ("Daisy"), Ft. Madison, Ia.
 Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
 Ohio Cultivator Co. ("Challenge," "Defiance," "Easy," "Hustler," "New Easy," "New Ohio"), Bellevue, O.
 Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
 Swanson-St. Joseph Plow Co., St. Joseph, Mo.

3481—Culvert Forms

See Centering, Steel; also Concrete Forms

3482—Culverts (Cast Iron)

See also Cast Iron Pipe Mfrs., Gas & Water

American Casting Co. ("National" Lock Joint), Birmingham, Ala.
 Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
 Beach Mfg. Co., Charlotte, Mich.
 Brillion Iron Works ("Sperry Perfection"), Brillion, Wis.
 Burch Plow Works Co. ("Burch Expansion"), Crestline, O.
 Colby N. H. ("Sperry Perfection"), Granville, Ill.
 Galion Iron Works & Mfg. Co. ("Ideal"), Galion, O.
 Munnsville Plow Co. ("Sperry Perfection"), Munnsville, N. Y.
 Portsmouth Engine Co. (Heavy Ribbed), Portsmouth, O.
 Rothe Jos. F. Foundry Co. ("Daggett's Expansion"), Green Bay, Wis.
 United States Cast Iron Pipe & Foundry Co., Burlington, N. J.
 Wetter H. Mfg. Co. ("Sperry Perfection"), Memphis, Tenn.
 Zieg F. B. Mfg. Co., Fredericktown, O.

Culverts (Corrugated, Galvanized Iron, Etc.)

See Culverts, Road

3483—Culverts (Road)

American Casting Co. ("National" Lock Joint Cast Iron), Birmingham, Ala.

American Road Machinery Co. (Corr. Iron), Kennett Sq., Pa.
 American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.
 Arnett Lee Co. (Corrugated), Lincoln, Neb.
 Armco Culvert Publicity Bureau (Corrugated Metal), Cincinnati, Ohio
 Atlas Metal Works (Corrugated), Dallas, Tex.
 Baker Mfg. Co. (Corr. Iron), 1000 Sanford av, Springfield, Ill.
 Bark River Bridge & Culvert Co. (Corrugated), Bark River, Mich.
 Beatrice Iron Works (Metal), Beatrice, Neb.
 Beatrice Steel Tank Mfg. Co. ("New-Way"), Beatrice, Neb.
 Birmingham Metal Products Co. (Butt-Joint Nestable), Birmingham, Ala.
 Booth & Flinn (Ltd.) (Concrete), Pittsburgh, Pa.
 Butler Mfg. Co. ("Rus-Pruf" Steel), Kansas City, Mo.
 Butler Mfg. Co., 700 6th av, S E, Minneapolis, Minn.
 California Corrugated Culvert Co, Berkeley, Cal.
 Canton Culvert & Silo Co. ("No-Co-Ro" Metal), Canton, O.
 Capital City Culvert Co., Madison, Wis.
 Cement Stave Silo Co., Des Moines, Ia.
 Champion Bridge Co. (Iron), Wilmington, O.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Coast Culvert & Flume Co. (Corrugated Metal), Columbia blvd, Portland, Ore.
 Columbian Steel Tank Co. (Corrugated), Kansas City, Mo.
 Coral Concrete Culv. Mfg. Co., Coral, Mich.
 Corrugated Culv. Co. (Corr.), Moberly, Mo.
 Corrugated Metal Co. (Corr.), Emporia, Kan.
 Crawfordville Corrugated Culvert Co., Crawfordville, Ind.
 De Forest Sheet & Tin Plate Co. (Corrugated Steel), Niles, O.
 Delaware Metal Culv. Co. (Corr.), Clayton, Del.
 Dixie Culvert & Metal Co. (Corr.), Atlanta, Ga.
 Dominion Metal Product Co. ("Imperial," Round Riveted, "Acme" Nestable), Roanoke, Va.
 Duluth Corr. & Rfg. Co., Duluth, Minn.
EDWARDS MFG. CO. (Corrugated Metal), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
 Elkhart Bridge & Iron Co., Elkhart, Ind.
 Florida Metal Products Co. ("Acme" Nestable & "Imperial" Riveted Corrugated Metal), Jacksonville, Fla.
 Fouts C. C. Co. ("Duro" Corrugated), 650 Woodlawn av, Middletown, O.
 Fort Dodge Culv. Co. (Corr.), Fort Dodge, Ia.
 Galion Iron Works & Mfg. Co. ("Sterling" Corrugated Metal), Galion, O.
 Grand Island Culvert & Metal Works, Grand Island, Neb.
 Harry Bros. Co. (Corr. Galv. Iron), Carr av & I. C. R. R., New Orleans, La.
 Harry O. K. Steel Co. (Steel), 2333 Papin, St. Louis, Mo.
 Harry O. K., Steel Works (Corrugated Steel), Dallas, Tex.
 Heller-Aller Co. (Galv. Steel), Napoleon, O.
 Ill. Corr. Metal Co. (Corr.), Bloomington, Ill.
 Independence Corrugated Culvert Co. (Corrugated), Independence, Ia.
 Iowa Pure Iron Culvert Co., Des Moines, Ia.
 Kelly Fdry. & Mach. Co. (Galv. Iron), Goshen, Ind.
 Ky. Culv. Mfg. Co. (Corr.), Buechel, Ky.
 Klauer Mfg. Co. (Corr. Galv.), Dubuque, Ia.
 Kretschmer Mfg. Co. (Corrugated Metal), Council Bluffs, Ia.
 Lone Star Culvert Co. (Corr.), Houston, Tex.
 Lyle Corr. Culv. Co. (Corr.), 171 27th av S E, Minneapolis, Minn.
 Martin Metal Mfg. Co (Corr.), Wichita, Kan.
 Metal Engineering Co. (Smooth Bottom), Danville, Pa.
 Michigan Bridge & Pipe Co. (Corr.), Lansing, Mich.
 Midland Metal Mfg. Co., Ottumwa, Ia.

Minnesota Pipe & Tile Co., Mankato, Minn.
 Montana Culvert & Flume Co. (Corr.), Missoula, Mont.
 National Corrugated Culvert Mfg. Co. (Corrugated Metal), Warren, Pa.
 Neb. Culv. & Mfg. Co. (Corr.), Wahoo, Neb.
 Neb. & Ia. Steel Tank Co. (Corr.), Omaha, Neb.
 New Eng. Metal Culv. Co. (Corr.), Palmer, Mass.
 New Orleans Roofing & Metal Co., (Galvanized Iron), Cortez & Orleans, New Orleans, La.
 Nevada Metal Mfg. Co., Reno, Nev.
 Newport Culvert Co. (Corrugated Metal), Newport, Ky.
 Newport Rolling Mill Co. (Corr.), Newport, Ky.
 N. Dak. Metal Culv. Co. (Corr.), Fargo, N. D.
 Northeast Metal Culv. Co. (Corr.), Nashua, N. H.
 Northfield Iron Co. (Plain Bottom Corr.), Northfield, Minn.
 Northwestern Sheet & Iron Wks., Wahpeton, N. D.
 Ohio Corr. Culv. Co. (Corr.), Middletown, O.
 O'Neal William Q. Co. (Corr.), Crawfordsville, Ind.
 Panama Tank Co. (Corrugated), Carr av & I. C. R. R., New Orleans, La.
 Penn Metal Co. (Corrugated), Smooth bottom, flat bottom, and all round corrugated one and two piece), 201 Devonshire, Boston, Mass.
 Penna. Metal Culv. Co. (Corr.), Warren, Pa.
 Perfection Metal Products Co. (Corr.), Topeka, Kan.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross., Pittsburgh, Pa.
See adv index at end of book
 Pidgeon-Thomas Iron Co. (Galv. Iron), Memphis, Tenn.
 Platte Valley Cement Tile Mfg. Co. (Tile), Fremont, Neb.
 Porter Iron Roofing & Corrugating Co. (Corrugating Metal), 522 Culvert, Cincinnati, O.
 Princeton Sheet Metal Co. (Corr.), Princeton, Ind.
 Red Oak Bridge & Iron Works, Red Oak, Iowa
 Reeves Mfg. Co., Dover, O.
 Road Sup. & Metal Co. (Corr.), Topeka, Kan.
 Russell Grader Mfg. Co. (Corrugated), 2005 Univ. av, S E, Minneapolis, Minn.
 Salisbury Metal Culv. Co. (Angle Iron Reinforced), Salisbury, N. C.
 Sioux Falls Metal Culv. Co. (Corr.), Sioux Falls, S. D.
 Spencer J. N. (Corr.), Havre de Grace, Md.
 Spokane Corr. Culv. & Tank Co., Spokane, Wash.
 Tenn. Metal Culv. Co. (Corr.), Nashville, Tenn.
 Texas Tank & Culvert Co., Fort Worth, Tex.
 Utah Corrugated Culv. & Flume Co. (Corr.), Woods Cross, Utah
 Virginia Metal Culvert Co. (Corr.), Roanoke, Va.
 Warsaw-Wilkinson Co. (Steel), Warsaw, N. Y.
 Western Metal Mfg. Co. (Corr.), El Paso, Tex.
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling W. Va.
 Wisconsin Culv. Co. (Corr.), Madison, Wis.

3484— Cupboards (Steel)

Terrell's Equipment Co., Broadway, Grand Rapids, Mich.

3485— Cupels

Denver Fire Clay Co. ("Casite"), Denver, Colo.
 Dixon Joseph Crucible Co., Jersey City, N. J. *See adv index at end of book*

3486— Cupola Linings or Blocks

Ashland Fire Brick Co., Ashland, Ky.
 Berry Jas. E., Woodbridge, N. J.
 Bickford Fire Brick Co., Curwensville, Pa.
 Big Savage Fire Brick Co., Frostburg, Md.

Brighton Fire Brick Co., New Brighton, Pa.
 Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
 Chambers A. Reeder, Trenton, N. J.
 Chicago Retort & Fire Brick Co., 208 S La Salle, Chicago, Ill.
 Columbia Fire Brick Co., Canton, O.
 Cooper Jno., 111 Clay, Brooklyn, N. Y.
 Denny-Renton Clay & Coal Co., Seattle, Wash.
 Denver Fire Clay Co., Denver, Colo.
 Diamond Fire Brick Co., Canon City, Colo.
 Didier-March Co., Perth Amboy, N. J.
 Edge Hill Silica Rock Co. (Mica Schist Fire Stone), New Brunswick, N. J.
 Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
 Federal Clay Product Co., Mineral City, O.
 Fiske & Co., 25 Arch, Boston, Mass.
 Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.
 Garfield Fire Clay Co., Robinson, Pa.
 Gautier J. H. Co., Greene, Jersey City, N. J.
 Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Haws A. J. & Sons (Ltd.), Johnstown, Pa.
 Howard Co., New Haven, Conn.
 Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa. *See adv index at end of book*
 Laclede-Christy Clay Products Co., Manchester & Sulphur av, St. Louis, Mo.
 McLeod & Henry Co. (Steel Mixture), 360 1st, Troy, N. Y.
 Maurer Henry & Son, 420 E 23d, New York
 Mississippi Glass Co., 220 5th av, New York
 Mutton Hollow Fire Brick Co., Woodbridge, N. J.
 National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
 Ohio Fire Brick Co., Oak Hill, O.
 Ostrander Fire Brick Co., Troy, N. Y., & Ostrander, N. J.
 Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
 Portsmouth Refractories Co., Portsmouth, O.
 Presbrey Stove Lining Co., Taunton, Mass.
 Remmey Richard C. Son Co., Hedley & Del, Phila., Pa.
 St. Louis Vitified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.
 Standard Fire Brick Co., Pueblo, Colo.
 Thomas, Buckwater & Co., Royersford, Pa.
 Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
 United Fire Brick Co., Uniontown, Pa.
 Valentine M. D. & Bro. Co., Woodbridge, N. J.
 West Virginia Fire Clay Mfg. Co., Diamond Bank bldg, Pittsburgh, Pa.
 Whiting Foundry Equipment Co., Harvey, Ill.
 Woodison E. J. Co. ("Woodison"), Detroit, Mich.

3487— Cupolas (Barn)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
 Bernard Phillip Co. ("O. K."), Sioux City, Ia.
 Heine Jno. F. & Son, Hooper, Neb.
 King Ventilating Co., Owatonna, Minn.
 Klauer Mfg. Co., Dubuque, Ia.
 La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
 Litchy B. F. & Sons Co. ("Monitor"), Waterloo, Ia.
 Shranger & Johnson Co. ("Chief," All-Steel), Atlantic, Ia.

3488— Cupolas (Foundry)

Bigelow Co., New Haven, Conn.
 Barry & Zecher Co. ("Zecher"), Lancaster, Pa.
 Central Foundry Supply Co. ("Callian"), P. O. Box 945, Columbus, O.
 Connolly D. Boiler Co., Cleveland, O.
 Connery & Co., 2d & Luzerne, Phila., Pa.
 Detroit Foundry Co. ("Crandall"), Detroit, Mich.
 Hibbs E. A., Quarry & Bread, Phila., Pa.
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
 McNeil Jas. & Bro. Co., Pittsburgh, Pa.
 Meehan Boiler & Construction Co., Lowellville, O.
 Mohr John & Sons, 349 W Illinois, Chicago, Ill.
NORTHERN ENGINEERING WORKS ("Newton"), 9 Chene, Detroit, Mich.
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Paxson J. W. Co. ("The Paxson-Colliau"),
1021 N Delaware av, Phila., Pa.
Sotter Bros., Pottstown, Pa.
Stewart Boiler Works, Worcester, Mass.
Whiting Foundry Equipment Co. (Also
Portable), Harvey, Ill.

3489—*Cupolas ("The Newton")
NORTHERN ENGINEERING WORKS, 9
Chene, Detroit, Mich.
See adv index at end of book

3490— Cupro-Uranium

Standard Chemical Co., Vanadium bldg,
Pittsburgh, Pa.

3491— Cupro-Vanadium

American Vanadium Co., Pittsburgh, Pa.
Standard Chemical Co., Vanadium bldg,
Pittsburgh, Pa.

Cups (Aluminum)

See Cups, Drinking, Collapsible

3492— Cups (Automobile)

Perry-Fay Mfg. Co., Elyria, O.
U. S. Automatic Co., Amherst, O.

3493— *Cups (Ball)

Bossert Corporation The, Utica, N. Y.

See adv index at end of book

BOSTON PRESSED METAL CO. (To Or-
der for Lawn Mowers, Sewing Ma-
chines, Roller Skates, Bicycles, Motor
Cycles, etc), 169 Union, Worcester,
Mass.

See adv index at end of book

MATTHEWS MFG. CO., 104 Gold, Wor-
cester, Mass. *See adv index at end of book*

3494—Cups (Bubbling, for Drink-
ing Fountains)

Watrous Co. ("Watrous"), 14 E Jackson
blvd, Chicago, Ill.

Cups (Carbon)

See Carbon Mfrs.

3495—Cups (Drinking, Collapsible,
Etc.)

Aluminum Container Corp., Fulton, N. Y.
Aluminum Goods Mfg. Co. (Aluminum),
Manitowoc, Wis.

Aluminum Specialty Co., Manitowoc, Wis.
American Thermos Bottle Co. ("Thermo-
cups"), Norwich, Conn.

Buckeye Aluminum Co. (Aluminum),
Wooster, O.

Cassady, Fairbank Mfg. Co. (Aluminum),
6126 S La Salle, Chicago, Ill.

du Pont E. I. de Nemours & Co. (The Ar-
lington Works), 725-27 B'way, New
York

Fargo E. A. Co. (Aluminum), Taunton,
Mass.

Noera Mfg. Co. ("Noera" Collapsible
Drinking Cups), Waterbury, Conn.

See adv index at end of book

Standard Aluminum Co. (Aluminum), Two
Rivers, Wis.

UNION PAPER & TWINE CO., 125 St.
Clair av, N W, Cleveland, O., & 538
Brisbane bldg, Buffalo, N. Y.

See adv index at end of book

Wilson Wyle T. (Paper), 1151 N 3rd, Pitts-
burgh, Pa.

Cups (Drinking, Paper)

See Cups, Paper

3496— *Cups (Elevator)

See also Buckets, Elevator & Conveying

LINK-BELT CO., 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av & P. &
R. Ry., Phila., Pa.

See adv index at end of book

3497—Cups (Force, Rubber)

Anderson Rubber Works, Anderson, Ind.
Bunnell W. H., 131 Worth, New York

Combination Rubber Mfg. Co., Bloomfield,
N. J.

Continental Rubber Works, Erie, Pa.

Elkhart Rubber Works, Elkhart, Ind.

Empire Tire & Rubber Corp., East Tren-
ton, N. J. *See adv index at end of book*

Hodgman Rubber Co., 8 W 40th, New York
Mattson Rubber Co., Lodi, N. J.

Mechanical Rubber Co. (Plumbers), Clevel-
and, O.

National India Rubber Co., Bristol, R. I.

Norwalk Mfg. Co., E. Norwalk, Conn.

Pennsylvania Rubber Co., Jeannette, Pa.

Quabaug Rubber Co., North Brookfield,
Mass.

Quaker City Rubber Co., 629 Market,
Phila., Pa.

Schacht Rubber Mfg. Co. ("Daisy"),
Huntington, Ind.

3497a—*Cups (Grease Automobile)

Hamilton & De Loss Inc., Bridgeport,
Conn.

LUNKENHEIMER CO. ("Mite," "Owl,"
"Reliance," "Lock," "Grip," "Girard,"
"Checklock," "Securo," "Primo" &
"Wingo"). Executive Offices & Fac-
tories: Beekman & Waverly, Cin-
cinnati, O. *See adv index at end of book*

Cups (Hand, Rubber)

See Cups, Force, Rubber

3498— Cups (Leather)

See also Gaskets, Rubber

Auer C. A., Corry, Pa.

Barwood L. J. Co. ("Barwood"), Stone-
ham Station, Boston, Mass.

See adv index at end of book

Detroit Leather Specialty Co. ("Wear
Well"), 275 Beecher av, Detroit, Mich.

Etsiveiler William, 230 N 3rd, Phila., Pa.

Graton & Knight Mfg. Co., Worcester,
Mass.

Houghton E. F. & Co. ("Vim," Hydraulic,
etc), 240 Somerset, Phila., Pa.

Judd & Leland Mfg. Co., Clifton Springs,
N. Y.

Marston I. G. & Co., 226 Ruggles, Boston,
Mass.

Page Belting Co., Concord, N. H.

Schieren Chas. A. Co., 30 Ferry, New York

3499— Cups (Measuring)

Cassady Fairbank Mfg. Co. (Aluminum),
6126 S La Salle, Chicago, Ill.

Chapman Co. ("Van Deusen" Tin), Ge-
neva, N. Y.

Estes E. B. & Sons, (Wood), 358 5th av,
New York. *See adv index at end of book*

Fargo E. A. Co. (Aluminum), Taunton,
Mass.

Lalance & Grosjean Mfg. Co. (Enameled
Iron, Tin, etc), 299 B'way, New York

Sneath Glass Co. (Glass), Hartford City,
Ind.

Cups (Oil)

See Lubricators, Oil & Grease Cup

3500— Cups (Paper)

American Blank Book Mfg. Co. (Drinking
Everlasting), 150 Lafayette, New York

American Paper Goods Co., Kensington,
Conn.

American Water Supply Co., 251 Cause-
way, Boston, Mass.

Brown Bag Filling Machine Co. (Flat,
Drinking), Fitchburg, Mass.

Burnitol Mfg. Co., Orient av, Boston, Mass.

Chicago Oyster Pail Co., 504 S Green,
Chicago, Ill.

Dennison Mfg. Co., 26 Franklin, Boston,
Mass.

Individual Drinking Cup Co., 220 W 19th,
New York

John Mfg. Co. (Glasses), Springfield, O.

Kimpton Ed. Co., 60 John, New York

Kuhmarker Mfg. Co., 260 West, New York

Lily Cup Co., 120 B'way, New York

Mansell-Hunt-Catty & Co., 22 Reade, New
York

Nelson L. H. Co., Portland, Me.

Public Service Cup Co. ("Lily Cup"), 168
39th, Brooklyn, N. Y.

Purity Specialties Co., Denckla bldg,
Phila., Pa.

Sanitary Paper Cup Co. ("Sanasep"), 17
Harcourt, Boston, Mass.

Sayford Paper Specialty Co., Vineland,
N. J.

Spangler E. J. Co., 1237 N Howard, Phila.,
Pa.

Stone & Forsyth Co. (Drinking & Sputum
Cups), 67 Kingston, Boston, Mass.

Vortex Mfg. Co. ("Vortex"), 220 S Michi-
gan av, Chicago, Ill.

Wayne Paper Goods Co., Fort Wayne, Ind.

Wilson Wyle T. (Collapsible), 1151 No.
3rd, Phila., Pa.

Wolf Bros. ("Standard"), 330 N 12th,
Phila., Pa.

3501—Cups (Plumbers' Soil)

Buffum Tool Co. ("Swastika"), South Side,
Louisiana, Mo.

Johnson Wm. (Hedenberg Works), New-
ark, N. J.

Knapp Mfg. & Supply Co., 241 Water,
New York

Osborne C. S. & Co., Harrison, N. J.

Stortz Jno. & Son, 210 Vine, Phila., Pa.

3502— Cups (Porous)

Laboratory Supply Co., 236 N 3d, Colum-
bus, O.

Maddock John & Sons, Trenton, N. J.

Robinson Clay Product Co., Akron, O.

3503— Cups (Priming)

American Lubricator Co., Summit & Wa-
bash Ry, Detroit, Mich.

Detroit Brass Works, Detroit, Mich.

Duryea C. E. Co. ("Durtout"), Saginaw,
Mich.

Edelmann E. & Co., 341 E Ohio, Chicago,
Ill.

Fidelity Brass Mfg. Co., 1001 Wash blvd,
Chicago, Ill.

Frasse Peter A. & Co. Inc. ("Britton"),
417 Canal, New York

See adv index at end of book

Hancock Mfg. Co., Charlotte, Mich.

Hungerford U. T. Brass & Copper Co.
("Star"), 80 Lafayette, New York

Imperial Brass Mfg. Co. (For Automobile
& Motor Boat), 524 S Racine av, Chi-
cago, Ill. *See adv index at end of book*

LUNKENHEIMER CO. Executive Offices
& Factories: Beekman & Waverly,
Cincinnati, O. *See adv index at end of book*

McRAE & ROBERTS CO. (For Autom-
obiles), 227 Campbell av, Detroit, Mich.

See adv index at end of book

Michigan Lubricator Co., 661 Beaubien,
Detroit, Mich.

Michigan Motor Specialties Co. ("Becco"),
Detroit, Mich.

Morgan Mfg. Co., Newport, R. I.

National Brass Mfg. Co., Rochester, N. Y.

Powell Wm. Co., Cincinnati, O.

Roberts Brass Mfg. Co., Detroit, Mich.

Scovill Mfg. Co., Waterbury, Conn.

See adv index at end of book

Standard Brass Works, 97 Wight, Detroit,
Mich.

Sterling & Skinner Mfg. Co., 2672 E Grand
blvd, Detroit, Mich.

Swenson B. A., 522 Broad, Providence,
R. I.

Williams D. T. Valve Co., Cincinnati, O.

3503a—Cups (Sputum, Porcelain &
Metal)

Franks-Sani-Cover Supply Co. ("Sani-
Cover"), Cambridge, Mass.

***3504— Cups (Turpentine)**

Herty Turpentine Cup Co., Jacksonville,
Fla.

Krager Turpentine Cup Co., Daisy, Tenn.

Lario Patent Cup Co., Mobile, Ala.

N. E. Turpentine Cup Co., Mobile, Ala.

New Orleans Roofing & Metal Co., Cortez
& Orleans (Galvanized Iron), New Or-
leans, La.

Pringle Turpentine Cup Co., Biloxi, Miss.

3505— *Cups (Wiper)

LUNKENHEIMER CO. Executive Offices
& Factories: Beekman & Waverly,
Cincinnati, O. *See adv index at end of book*

3506— *Cups (Wooden)

ESTES E. B. & SONS (Caster, Dice, Pin,
Quassia, etc), 358 5th av, New York

See adv index at end of book

3507— Curbing (Vitrified)

American Sewer Pipe Co., Akron, O.

3508— Curbing (Well)

Bates E. E. ("Bates," "Excelsior"), Ar-
lington, R. I.

Harry O. K. Steel Works (Corrugated
Steel), Dallas, Tex.

Kretschmer Mfg. Co. (Corrugated Steel),
Council Bluffs, Ia.

New Orleans Roofing & Metal Co. (Galvanized), Cortez & Orleans, New Orleans, La.

3509—Curbs (Valve)

American District Steam Co. (Cast Iron for Steam Underground Work), North Tonawanda, N. Y.
Central Station Steam Co. (Manhole), 710 Woodbridge, E Detroit, Mich.

3510—Currycombs

Bailey C. J. & Co. ("Black Beauty," Rubber), 22 Boylston, Boston, Mass.
Decker Mfg. Co. ("Arc Spring"), Keokuk, Ia.
Fitch W. & E. T. Co., New Haven, Conn.
Hills Edwin, Plainville, Conn.
Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
Kohler F. E. Co. ("Kohler," All Steel or Brass, "Magic," "Humanic"), Canton, O.
Matthews & Willard Mfg. Co., Waterbury, Conn.
National India Rubber Co. (Rubber), Bristol, R. I.
New York Stamping Co. ("Eclipse," "Reform"), N 11th & Berry, Brooklyn, N. Y.
Niagara Falls Metal Stamping Works ("Niagara" & "Ideal"), Niagara Falls, N. Y.
Southington Hardware Co. ("Scott"), Southington, Conn.
Union Furnace Mfg. Co., Union Furnace, Pa.
Weber & Kirch Mfg. Co. ("Winner," "Alston's" Spring Handle), Keokuk, Ia.
Whirrett Bros., Delphos, O.
Williamsport Staple Co., Williamsport, Pa.
Wisconsin Metal Products Co. ("Advance," "Perfect," "Hunter," "Toothless"), Racine, Wis.

Curtains (Car)

See Car Curtains & Materials

3511—Curtains (Locomotive Cab)

ATLANTA TENT & AWNING CO., Atlanta, Ga.
Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.
Curtain Supply Co., 320 W Ohio, Chicago, Ill.
Zittlosen Mfg. Co., St. Louis, Mo.

3512—Curtains (Rubber Bath)

Empire Rubber Co., 126 W 22d, New York
Hodgman Rubber Co., 8 W 40th, New York
Kleinert I. B. Rubber Co., 725 B'way, New York

Curtains (Steel Rolling)

See Shutters, Steel Rolling

3513—Cushions, Beds & Pillows (Air, Rubber)

Athol Mfg. Co., Athol, Mass.
Davol Rubber Co., 69 Point, Providence, R. I.
Faultless Rubber Co. (Operating, etc), Ashland, O.
Goodrich B. F. Co., Akron, O.
Parker-Stearns & Co. (Invalid Operating, etc), 286 Sheffield av, Brooklyn, N. Y.
Tyler Rubber Co., Andover, Mass.

3514—Cushions (Billiard & Pool Table)

Boston Belting Co., 84 Linden Park st, Boston, Mass.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
Manhattan Rubber Mfg. Co., Passaic, N. J.
Mattson Rubber Co., Lodi, N. J.
New York Belting & Packing Co., 91 Chambers, New York
Revere Rubber Co., 60 High, Boston, Mass.

3515—Cushions (Boat, Etc.)

Fogg M. W., 202 Front, New York

Hodgman Rubber Co., 8 W 40th, New York
Metropolitan Air Goods Co., Reading, Mass.
Pneumatic Mfg. Co. ("Peerless," "Butler"), 290 Prospect Park W, Brooklyn, N. Y.
Racine Auto Top Co., Racine, Wis.
Robinson-Rodgers Co. ("Ilana silk" Cushions, Safety Pillows, Life Preservers & Safety Mattresses for Boats), 27 N. J. R. R. av, Newark, N. J.

3516—Cushions (Canvas, Outing)

Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.
Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.
Wyandotte Awning & Tent Co., Kansas City, Kans.

3517—Cushions (Engine & Caboose)

ATLANTA TENT, AWNING & MFG. CO., Atlanta, Ga.
Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.
Cincinnati Cushion Co., 116 Opera pl, Cincinnati, O.
Curtain Supply Co., 320 W Ohio, Chicago, Ill.

3518—Cushions (Heel)

See also Heels, Rubber

Essex Rubber Co. ("Soft Spots"), Trenton, N. J.
Foster Rubber Co., 105 Federal, Boston, Mass.
Gilbert E. T. Mfg. Co., Rochester, N. Y.

3518a—Cushions (Nailing Soundproof)

Flexner-Taylor Co., Ltd. ("Flexner"), 786 East Broadway, So Boston, Mass.

3519—Cushions (Telephone Receiver)

Davol Rubber Co. (Pneumatic), 69 Point, Providence, R. I.
Holtzer-Cabot Elec. Co., Brookline, Mass.
Miller Rubber Co. (Pneumatic), Akron, O.

3520—Cuspidors

Aldrich Mfg. Co. (Brass), Buffalo, N. Y.
Aluminum Co. of Am. (Aluminum), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
American Metal Ware Co. (Brass), 368 W Huron, Chicago, Ill.
Arcade Mfg. Co. ("Arcade," Brass Cast), Freeport, Ill.
Bridgeport Brass Co. (Brass & Self-Righting), Bridgeport, Conn.
Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
Buffalo Mfg. Co. (Brass, etc), Buffalo, N. Y.
Burnitol Mfg. Co. (Paper), Orient av, Boston, Mass.

Cartwright Bros. Co. (White, Earthenware), E Liverpool, O.
Central Stamping Co. (Polished & Nickel Plated Brass Self-Righting, etc), 172 Fulton, New York

Cheney S. & Son (Cast Iron), Manlius, N. Y.
Clark A. C. & Co. (Brass Fountain Spittoons), 1035 E 76th, Chicago, Ill.

Columbian Enameling & Stamping Co. (Enameled Iron), Terre Haute, Ind.
Dover Stamping & Mfg. Co. (Cast Iron, Porcelain-Lined, Self-Righting; also Tin, Various Colors), Cambridge, Mass.

Excelsior Brass Works, Reading, Pa.
Farber S. W. (Brass & Copper), 147 So 5th, Brooklyn, N. Y.

Fibre Corporation ("Fibrotta" Indurated Fibre), Lockport, N. Y.

Franks Sanl-Cover Supply Co. ("Sanl-Cover"), 748 Main, Cambridge, Mass.

GEUDER, PAESCHKE & GREY CO. (Japanned & Enameled), Milwaukee, Wis. *See adv index at end of book*

Goodrich B. F. Co. (Rubber), Akron, O.
Gould-Mersereau Co. (Brass), 52 W 38th, New York

Hews A. H. & Co. (Earthenware), Cambridge, Mass.

Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Indiana Foundry Co. (Cast Iron), Indiana, Pa.
Indiana Hollow Ware Co. (Enameled Cast Iron), Jeffersonville, Ind.

Ireland & Matthews Mfg. Co. (Brass & Nickel, Self-Righting), Detroit, Mich.
Lalance & Grosjean Mfg. Co. (Enameled), 299 B'way, New York

Lisk Manufacturing Co. (Ltd.) ("Lisk" Enameled), Canandaigua, N. Y.
Manhattan Brass Co. (Brass), 333 E 26th, New York

Manning, Bowman & Co. (Brass, Nickeled, Enamel & Tin), Meriden, Conn.
Marietta Hollow Ware & Enameling Co. (Enameled), Marietta, Pa.

Midland Metal Co. (Brass, Bronze & Plated), 21st & Jefferson, Phila., Pa.
National Aluminum Works, Elmira, N. Y.

National Enameling & Stamping Co. (Sheet Metal), 411 5th av, New York
National India Rubber Co. (Rubber), Bristol, R. I.

New England Enameling Co. ("Ideal" Enameled Ware), Middletown, Conn.
Peters & Reed Pottery Co. (Terra Cotta Hand Painted), Zanesville, O.

Porcelain Enameling Assn. of Amer. ("Polar Brand," Seamless, Porcelain Enameled), Sheboygan, Wis.

Ray Geo. A. Mfg. Co. (Brass & Nickel Plated, Self-Righting, Weighted Bottom, etc), Buffalo, N. Y.

Rochester Stamping Co. (Enameled Metal), Rochester, N. Y.

Rome Mfg. Co. (Brass & Copper), Rome, N. Y.

Rostand Mfg. Co. ("Rostand" Brass, German Silver, Nickel & Bronze), Milford, Conn.

St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.
Schlesinger Leo. & Co. (Metal), 66 Wooster, New York

SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*

South Bend Foundry Co. (Cast Iron, Movable Top), South Bend, Ind.
Stone & Forsyth Co. ("Hygienic" Paper), 67 Kingston, Boston, Mass.

Strong Mfg. Co. (Enameled, Seamless, Flaring & Removable Top), Sebring, O.

Sutterly G. T. & Co., 23d & Hamilton, Phila., Pa.

Sweeney W. H. Mfg. Co. (Nickeled, Brass & Tin & Self-Righting, etc), 30 Main, Brooklyn, N. Y.

Swett A. L. Iron Works (Cast Iron), Medina, N. Y.
Tatum Sam'l C. Co. (Self-Righting & Cast Iron), Cincinnati, O.

Thompson C. C. Pottery Co. (Porcelain), East Liverpool, O.
Vogel Wm. & Bros. (Nickel Plated Steel & Copper with Removable Hopper), 37 S 9th, Brooklyn, N. Y.

Vollrath Co. ("Vollrath," Seamless Steel & Cast Iron), Sheboygan, Wis.
Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.

Wolfson Tray Co. (Sanitary Paper), Columbus, Ga.

3521—Cutch

Demarest Chas. H. (Imp), 150 Water, New York
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

Marden, Orth & Hastings Co. ("Golden" for Tanneries, also Khaki), 61 Broadway, New York

Rice Edward E. & Co. (Imported), 620 Atlantic av, Boston, Mass.

Worden Chemical Works (Imp), 4 Cedar, New York

3522—Cutlery Mfrs.

Acme Shear Co. (Shears, Scissors, etc), Bridgeport, Conn.

Aerial Cutlery Mfg. Co., Marinette, Wis.
American Cutlery Co. (Table Cutlery), 764 Mather, Chicago, Ill.

American Silver Co. (Table Cutlery), Bristol, Conn.
Associated Silver Co. ("Yourex" Specialties), 5 S Wabash av, Chicago, Ill.

Bannister A. F. & Co. (Pocket, etc), Newark, N. J.

Bison Mfg. Co. (Razor Strops, Cutlery Specialties), Little Valley, N. Y.

Boker Hermann & Co. ("Tree Brand," Imported), 101 Duane, New York

Buffalo Knife Co., Buffalo, N. Y.
Camillus Cutlery Co., Camillus, N. Y.
Canton Cutlery Co. ("C. C. Co." Pocket Knives, High Grade, Transparent Handle Pocket Knives, Razors, Shoe Buttoners, Ink Erasers, etc), Canton, O.

Carrier Cutlery Co., Elmira, N. Y.
 Case W. R. & Sons Cutlery Co., Bradford, Pa.
 Cattaraugus Cutlery Co. (Pocket Knives, Razors, Shears, etc.), Little Valley, N. Y.
 Challenge Cutlery Corporation (Pocket Knives & Razors), Bridgeport, Conn.
 Chatillon Jno. & Sons, 85 Cliff, New York
 Christy Knife Co. (Bread, Cake, Ham & Kitchen Knives, Druggists' Spatulas & Lemon Slicers), Fremont, O.
 Clark Bros. Cutlery Co. (Pocket Cutlery & Shears), 926 Broadway, Kansas City, Mo.
 Claiberg F. A. & Co. (Table), 27 Park pl, New York
 Clauss Shear Co., Fremont, O.
 Clayton Bros. (Inc.), Bristol, Conn.
 Clement Mfg. Co. (Table), Northampton, Mass.
 Clyde Cutlery Co. (Butcher, Bread & Kitchen Knives, etc), Clyde, O.
 Crescent Mfg. Co., Fremont, O.
 Cronk & Carrier Mfg. Co., Elmira, N. Y.
 Divine Dwight & Son (Pocket & Fine Pen Knives), (Trade Mark, "Ulster Knife Co." & "Ellenville Knife Co."), Ellenville, N. Y.
 Empire Knife Co. (Pocket Cutlery), Winsted, Conn.
 Foster Bros. & Chatillon Co. (Pocket, Kitchen & Butchers' Cutlery), Fulton, N. Y.
 Geneva Cutlery Co. (Razors, Shears, etc), Geneva, N. Y.
 Goodell Co. (Carving & Table Cutlery), Antrim, N. H.
 Graef & Schmidt ("J. A. Henckle's Twin Brand" Imp.), 107 Chambers, New York
 Harrington Cutlery Co. ("Dexter," Butcher, Cheese, Shoe, Bread & Kitchen, etc), Southbridge, Mass.
 Hart H. C. Mfg. Co. (Hollow Handle, Knife & Fork, Rolled Steel, Nickel Plated), Union, Conn.
 Havell Mfg. Co. (Metal Goods), 284 Washington, Newark, N. J.
 Henkel Co., Fremont, O.
 Herbrand Co., Fremont, O.
 Holley Mfg. Co. (Pocket), Lakeville, Conn.
 Humason & Beckley Mfg. Co. ("H. & B."), New Britain, Conn.
 International Silver Co. (Silver Plated, etc), Meriden, Conn.
 Kastor A. & Bros. ("Camillus," "W. H. Morley & Sons"), 109 Duane, New York
 Knickerbocker Mfg. Co. (Knives, etc), Belleville, N. J.
 Koch F. A. & Co., 524 B'way, New York
 Korn Geo. W. Razor Mfg. Co. (Razors, Straps & Hones), Little Valley, N. Y.
 Lamson & Goodnow Mfg. Co. (Table Cutlery, Carvers, Butchers', Painters' & Druggists' Knives), Shelburne Falls, Mass.
 Landers, Frary & Clark ("Universal" Pearl, Ivory & Celluloid Handle Table Cutlery, Carving Sets, etc), New Britain, Conn.
 Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
 Marble Arms & Mfg. Co. (Pocket & Hunting Knives, Pocket Axes, etc), Gladstone, Mich.
 Meriden Cutlery Co. (Cheese, Broad, etc), Meriden, Conn.
 Miller Bros. Cutlery Co. (Pocket, etc), Meriden, Conn.
 Morris Cutlery Co., Morris, Ill.
 Murphy's Robt Sons Co., Ayer, Mass.
 Napanoch Knife Co. (Pocket), Napanoch, N. Y.
 New York Knife Co. (Pocket Knives & Table Cutlery), 225 5th av, New York. Works: Walden, N. Y.
NICHOLS BROS. (Table Knives, Silver Plated), Greenfield, Mass.
 Northampton Cutlery Co. (Table Cutlery), Northampton, Mass.
 Northfield Knife Co. (Pocket Cutlery, Shears, etc), Northfield, Conn.
 Novelty Cutlery Co. (Pocket Knives, Razors, Folding Scissors, Ink Erasers, Dirk Knives, Letter Openers, Shoe Buttoners, Scalpel Lances, Souvenir Knives, etc), Canton, O.
 O. S. T. Cutlery Co., 56 Summer av, Newark, N. J.
 Ontario Knife Co. (Table, etc), Franklinville, N. Y.
 Philadelphia Novelty Mfg. Co. (Cutlery Novelties), 13th & Noble, Phila., Pa.
 Robeson Cutlery Co. (Pocket, etc), Rochester, N. Y.

Rogers Wm. A. (Ltd.), Northampton, Mass.
 Ross Jos. & Co. (Corn, Knives, Ink Erasers, etc), Irvington, N. J.
 Russell Jno. Cutlery Co. (Carvers, Table Cutlery, etc), Turners Falls, Mass.
 Schatt & Morgan Cutlery Co. (Pocket Knives), Titusville, Pa.
 Schnefel Bros., 684 S 17th, Newark, N. J.
 Schrade Cutlery Co. (Pocket Knives), Walden, N. Y.
 Silberstein A. L. ("Griffon" Imp.), 74 5th av, New York
 Silver Plate Cutlery Co. (Electro Silver Plated Table Cutlery), Shelton, Conn.
 Sperry & Alexander Co. ("Centaur," Pocket Knives, etc, Also Importers), 79 Chambers, New York
 Thomaston Knife Co. (Pocket Knives), Thomaston, Conn.
 Tucke Mfg. Co. (Shoe & Banana Knives, etc), Brockton, Mass.
 Union Cutlery Co. (Razors, Pocket Knives, etc), Olean, N. Y.
 United States Cutlery Co., Fremont, O.
 Valley Forge Cutlery Co., 28 S 6th, Newark, N. J.
 Walden Knife Co. (Press-Button Pocket Knives), Walden, N. Y.
 Wallace R. & Sons Mfg. Co. (Silver Plated Table Cutlery, etc), Wallingford, Conn.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
 Western States Cutlery & Mfg. Co., Boulder, Colo.
 White Ira F. & Son Co., Bloomfield, N. J.
 Williams Bros. Mfg. Co. (Silver Plated Table Cutlery, etc), Glastonbury, Conn.
 Wiss J. & Sons Co. (Shears, Scissors, Razors, etc), 31 Littleton av, Newark, N. J.
 Woodworth Knife Works, Nunda, N. Y.

3523— Cut-Offs (Rain Water)

Berger Mfg. Co., Canton, O.
 Chattanooga Roofing & Fdry. Co. ("Perfection"), Chattanooga, Tenn.
 Conductor Fitting Co. ("Crary's"), Marietta, O.
EDWARDS MFG. CO., 545-565 Egleston av, Cincinnati, O.
See adv index at end of book
 Eller Mfg. Co., Canton, O.
 Klauer Mfg. Co. ("Perfection"), DuBuque, Ia.
 Messenger & Parks Mfg. Co., Aurora, Ill.
 Milwaukee Corrugating Co., Milwaukee, Wis.
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Sullivan-Geiger Co. ("Centennial"), Indianapolis, Ind.
 Whitaker-Glessner Co., Wheeling, W. Va.
 Young Mfg. Co. ("Young"), Bellevue, Ia.

3524— Cut-Outs (Arc Light)

Brady Electric Mfg. Co., New Britain, Conn.
 Bryant Electric Co. ("Bryant-Cleveland"), Bridgeport, Conn.
 Cutter Geo. Co., South Bend, Ind.
 Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
 Philadelphia Electrical & Mfg. Co. ("Phila." Absolute), 1236 N 31st, Phila., Pa.
 Troy Electrical Co. ("Powers"), Troy, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3525— Cut-Outs (Battery)

Arrow Electric Co. ("Arrow" Electric Plug), Hartford, Conn.
 Electric Goods Mfg. Co. (Automatic Sectional), Canton, Mass.

3525a— Cut-Outs (Fuse)

Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
 D. & W. Fuse Co., Hathaway, Providence, R. I.
 Elec. Fuseguard Co., 60 Shipman, Newark, N. J.
 Hart & Hegeman Mfg. Co., 342 Capital av, Hartford, Conn.
 Schweitzer & Conrad Inc., 1770 Berteau av, Chicago, Ill.

3526— Cut-Outs (Incandescent)

(Rosettes & Branch Blocks)

Adam Frank Elec. Co., 914 Pine, St. Louis, Mo.
 Barkeley Elec. Mfg. Co., Middletown, O.
 Bryant Electric Co., Bridgeport, Conn.
 C. & P. Elec. Wks, Springfield, Mass.
 Condit Elec'l Mfg. Co., 10 L, So Boston, Mass.
 Connecticut Elec. Mfg. Co., Bridgeport, Conn.
 Crouse, Hinds Co. ("Norbit"), Syracuse, N. Y.
 Cutter Geo. Co. (Fuse Blocks), S. Bend, Ind.
 Dale Lighting Fixture Co., 107 W 13th, New York
 Empire Elec. & Mfg. Co., Plainville, Conn.
 Foote, Pierson & Co. (Telephone Storage Battery), 160 Duane, New York
 Freeman E. H. Elec. Co., Trenton, N. J.
GENERAL ELECTRIC CO. (Arc & Incandescent), Schenectady, N. Y.
See adv index at end of book
 Heinemann Geo. (Plug & Pane), 500 W Girard av, Phila., Pa.
 Holtzer-Cabot Electric Co. (Battery, etc.), Brookline, Mass.
 Ideal Switch Co., Plainville, Conn.
 Manhattan Elec'l Supply Co., 17 Park pl, New York
 Metropolitan Engineering Co., 1250 Atlantic av, Brooklyn, N. Y.
 Mutual Electric & Mach. Co., Wheeling, W. Va.
 Paiste H. T. Co. ("Shaffer," "K. W.," "P. K.," "Tablets"), 3201 Arch, Phila., Pa.
 Pass & Seymour ("Little Gem"), Solvay, N. Y.
 Sears Henry D. ("Weber" Plug), 80 Boylston, Boston, Mass.
 Tregoning Electric Mfg. Co., Cleveland, O.
 Trumbull Electric Mfg. Co. ("Kappa"), Plainville, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Worcester Electric & Mfg. Co., Worcester, Mass.
 Yost Elec. Mfg. Co., Toledo, O.

Cut-Outs (Rain Water)

See Cut-Offs, Rain Water

3527— Cut-Outs (Telephone)

Johns H. W.-Manville Co., Madison av & 41st, New York
 Lafayette Electric & Mfg. Co., Lafayette, Ind.

3528— Cut-Outs (Transformer)

Bryant Electric Co., Bridgeport, Conn.
 Condit Elec'l Mfg. Co., 10 L, So Boston, Mass.
 D & W Fuse Co. (& Junction, Oil Fuse Cut-Outs), Hathaway, Providence, R. I.
 Delta-Star Electric Co. (High Voltage), 2437 Fulton, Chicago, Ill.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Metropolitan Engrg. Co., 35 Vestry, New York
 Pass & Seymour ("P. & S."), Solvay, N. Y.
 Phila. Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.
 Pittsburgh Transformer Co., Adams & Preble av, Pittsburgh, Pa.
 Schweitzer & Conrad, 1770 Berteau av, Chicago, Ill.
 Wagner Elec. Mfg. Co., 6400 Plymouth, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3529— Cutters (Alfalfa)

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
 Letz Mfg. Co., Crown Point, Ind.
 Ross E. W. Co., Springfield, O.
 Silver Mfg. Co. ("Silvers," "Cut Fine"), Salem, O.
 Smalley Mfg. Co., Manitowoc, Wis.
 Stearns E. C. & Co. ("New Model"), 450 Oneida, Syracuse, N. Y.
 Stover Mfg. Co., Freeport, Ill.
 Wilder-Strong Implement Co. ("No. 6"), Monroe, Mich.
 Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book

Cutters (Angle Iron)

See Angle-Iron Cutting Machines, Hand Power

3530— Cutters (Angular)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Clough R. M., Tolland, Conn.
 Ingersoll Milling Machine Co., Rockford, Ill.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Tool Co., Cleveland, O.
 National Twist Drill & Tool Co., Detroit, Mich.
 Pratt & Whitney Co., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Surerus & Greenhill, 502 W Division, Chicago, Ill.
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.
 Union Twist Drill Co., Athol, Mass.

3531—Cutters (Arc Lamp Carbon)

Lundin Elec. & Machine Co., 10 Thatcher, Boston, Mass.

3532— Cutters (Axle)

Butterfield & Co., Derby Line, Vt.
 Keller Mfg. Co. ("Keller"), 1325 N. E. Quincy, Minneapolis, Minn.
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Cutters (Belt)

See Belt Cutting Machines

3533—Cutters (Board Matcher)

Huther Bros. Saw Mfg. Co., Rochester, N. Y.

Cutters (Boiler Tube)

See Cutters, Flue

Cutters (Bolt)

See Bolt Cutting Machines; also Clippers, Bolt & Rivet

Cutters (Bone)

See Mills, Bone & Shell

3534— Cutters (Bread)

See also Slicing Machines, Bread & Meat
 Buffalo Specialty Co. ("Lightning"), 375 Ellicott, Buffalo, N. Y.
 Thurnauer G. M. Co., 6 E 20th, New York

3535—Cutters (Brick & Drain Tile)

American Clay Machinery Co. (Automatic), S Walnut, Bucyrus, O.
 Arnold-Creager Co., New London, O.
 Bonnot Company (Revolving), Canton, O.
 Brewer H. & Co., Tecumseh, Mich.
 Cox R. E. (Mrs. G. S.), East Liverpool, O.
 Freese E. M. & Co. (Automatic Brick), Galion, O.
 Marion Machine Foundry & Supply Co., Marion, Ind.

3536— Cutters (Broom)

Walrath Alphonso Co. ("Hurt"), Fort Plain, N. Y.

3537— Cutters (Butter)

See also Butter Cutting & Printing Machines

Cleveland Galvanizing Works, Cleveland, O.
 Standard Butter Cutter Co., 244 Greenwich, New York

3538— Cutters (Button Hole)

Compton W. H. Shear Co. ("Compton"), 314 Camden, Newark, N. J.
 Eyelet Tool Co., 40 Lincoln, Boston, Mass.
 Krauter & Co., 583 18th av, Newark, N. J.
 National Cutlery Co. ("National"), Westmoreland & Boudinot, Phila., Pa.
 Wiss J. & Sons Co. ("Bauers"), 31 Littleton av, Newark, N. J.

Cutters (Cabbage Core, Etc.)

See Corers, Cabbage

3539— Cutters (Cake)

Central Stamping Co. (& Doughnut), 172 Fulton, New York
 National Enameling & Stamping Co. (Plain & Fancy), 411 5th av, New York

3540—Cutters (Canada Thistle)

Gaterman Mfg. Co., Manitowoc, Wis.

Cutters (Card)

See Card Cutting Machines

3541—Cutters (Carving Machine)

Redin John E., Rockford, Ill.
 Porter C. O. Machinery Co., Grand Rapids, Mich.
 Valley City Machine Works, Grand Rapids, Mich.

3542—Cutters (Cast Iron Pipe)

Rodefeld Mfg. Co., Richmond, Ind.
 Smith A. P. Mfg. Co., East Orange, N. J.
 Walworth Mfg. Co. ("Hall"), Boston, Mass.

3543— Cutters (Cheese)

American Computing Co. ("Perfection" Computing), Indianapolis, Ind.
 Anderson Computing Scale Co. (Computing), Anderson, Ind.
 Computing Cheese Cutter Co. ("Safe," Computing), Anderson, Ind.
 Enterprise Mfg. Co. of Pa. (Self-Gauging), 3rd & Dauphin, Phila., Pa.
 Ideal Mfg. Co. (Computing), Anderson, Ind.
 Standard Mfg. Co., Auburn, Ind.
 Stortz John & Son (Revolving Table), 210 Vine, Phila., Pa.

3544— Cutters (Cigar)

Bates & Bacon, Attleboro, Mass.
 Bedortha Bros., Windsor, Conn.
 Brunhoff Mfg. Co. (Cutter & Lighter Combined), 9th & Freeman, Cincinnati, O.
 Crescent Mfg. Co., Fremont, O.
 Dolphin Cutlery Co., 366 B'way, New York
 Emrich Phil (For Cigar Makers), 824 Main, Cincinnati, O.
 Grammes L. F. & Sons (Pocket & Counter), Allentown, Pa.
 Havell Mfg. Co., 284 Washington, Newark, N. J.
 Individual Key Ring Co., Hartford, Conn.
 K. & O. Co., 366 Butler, B'klyn, N. Y.
 King Klip Co., 1328 B'way, New York
 Levy Robt. Co., 473 Washington, Newark, N. J.
 Miller, Du Brul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
 Taylor Mfg. Co., Hartford, Conn.

3544a—*Cutters (Circular Cork or Paper)

SIMONDS MFG. CO., Fitchburg, Mass.
 See adv index at end of book

Cutters (Cloth)

See Cutting Machines, Cloth

3545— Cutters (Clover)

ABBE ENGINEERING CO., 220 B'way, New York See adv index at end of book
 Belcher & Taylor Agricultural Tool Co. ("Chicken"), Chicopee Falls, Mass.
 Freeman Mfg. Co., Racine, Wis.
 Heebner & Sons ("Heebner's Union"), Lansdale, Pa.
 Humphey & Sons, Joliet, Ill.
 Mann F. W. Co., Milford, Mass.
 Ross E. W. Co., Springfield, O.
 Silver Mfg. Co. ("New Model"), Salem, O.
 Smalley Mfg. Co., Manitowoc, Wis.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Wilson Bros. ("Gem"), Easton, Pa.
 See adv index at end of book

Cutters (Convex & Concave)

See Cutters, Milling

3546—Cutters (Corner Rounding)

National Tool Co., Cleveland, O.
 Pratt & Whitney Co., Hartford, Conn.
 Union Twist Drill Co., Athol, Mass.

3547—Cutters (Drawer Construction)

Redin, Ekstrom & Co. ("Rockford" for Tenoning Machines), Rockford, Ill.

3548— Cutters (Dredge)

Norhom Engineering Co. (For Hydraulic Dredges), Denckla bldg, Phila., Pa.

3549— Cutters (Ear Corn)

Fleming & Sons Mfg. Co., Huntsville, Mo.
 Ideal Gas Engine Co., Independence, Ia.
 Jeschke Mfg. Co., Bellevue, O.
 Sandwich Mfg. Co. ("Dean"), Sandwich, Ill.
 Smalley Mfg. Co., Manitowoc, Wis.
 Voss Bros. Mfg. Co. ("Little Giant"),avenport, Ia.

3550—Cutters (Emery Wheel Dresser)

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Calder Geo. H., Lancaster, Pa.
 Jennings C. E. & Co., 71 Murray, New York
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
 Vincent Steel Process Co., 751 Bellevue av, Detroit, Mich.

3551— Cutters (Ensilage)

ABBE ENGINEERING CO., 220 B'way, New York See adv index at end of book
 Ames Plow Co. ("Dr. Baileys"), Quincy Hall, Boston, Mass.
 Appleton Mfg. Co. ("Appleton," "New Hero"), Batavia, Ill.
 Associated Manufacturers' Co., Waterloo, Iowa
 Automatic Carrier Co. ("A. C. Co."), Juneau, Wis.
 Batavia Machine Co., Batavia, N. Y.
 Belcher & Taylor Agricultural Tool Co. ("Baldwin," "Gale-Baldwin," "Lion"), Chicopee Falls, Mass.
 Belle City Mfg. Co. ("Belle City"), Racine, Wis.
 Conner J. W. & Son (Cutter & Swivel Carrier), Orangeville, Pa.
 Dick Jos. Mfg. Co. ("Blizzard," "Famous," "Leader"), Canton, O.
 Doylestown Agricultural Co. ("Advance," "Pneumatic"), Doylestown, Pa.
 Eagle Mfg. Co., Appleton, Wis.
 Ellis Keystone Agricultural Works ("Keystone"), Pottstown, Pa.
 Emeny G. J. Co. ("Kendrick"), Fulton, N. Y.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Foster & Williams Mfg. Co. ("Victor"), Racine, Wis.
 Freeman Mfg. Co., Dept O, Racine, Wis.
 Gehl Bros. Mfg. Co. ("Silverzahn"), West Bend, Wis.
 Globe Foundry & Machine Co., Sheboygan, Wis.
 Gould Balance Valve Co. ("Iowa"), Kellogg, Ia.
 Gray's A. W. Sons, Middletown Springs, Vt.
 Hamachek Frank ("Giant"), Kewaunee, Wis.
 Harrison W. R. & Co. ("Tornado"), Massillon, O.
 Heebner & Sons ("Union"), Lansdale, Pa.
 Illinois Silo Co., Bloomington, Ill.
 International Harvester Company of America (Inc.), (International), 702 Harvester bldg, Chicago, Ill.
 See adv index at end of book
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
 Lyon Iron Works ("Triumph"), Greene, N. Y.
 Messenger Mfg. Co. ("Empire"), Tatamy, Pa.
 Papee Machine Co., Shortsville, N. Y.
 Plymouth Fdry & Machine Co., Plymouth, Wis.
 Rosenthal Corn Husker Co. ("Rosenthal"), West Allis, Milwaukee, Wis.
 Ross E. W. Co. ("Little Giant," "Ross"), Springfield, O.

Rowell I. B. Co. (With Chain Elevator or Blower), Waukesha, Wis.
 Rumley M. Co. ("Advance"), La Porte, Ind.
 Silver Mfg. Co. ("Ohio," "Ohio Standard," "Blower," "Monarch," "Light Draft," "Carrier" Power), Salem, O.
 Smalley Mfg. Co., Manitowoc, Wis.
 Star Mfg. Co. (& Carriers), Carpentersville, Ill.
 Stover Mfg. Co., Freeport, Ill.
 Swayne-Robinson & Co. ("Money-Maker"), Richmond, Ind.
 U. S. Wind Engine & Pump Co. ("I. X. L."), Batavia, Ill.
 Warsaw-Wilkinson Co. ("Climax," "Empire State," "Rex," "Wyoming"), Warsaw, N. Y.
 Wilder-Strong Implement Co. ("America," "Swiss"), Monroe, Mich.

3552—Cutters (Face Milling)

Barber-Coleman Co., Rockford, Ill.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Ingersoll Milling Machine Co., Rockford, Ill.
 Morse Twist Drill & Machine Co. (With Inserted Teeth), New Bedford, Mass.
 National Tool Co., Cleveland, O.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co., Athol, Mass.

3553—Cutters (Feed)

See also Cutters, Alfalfa; also Cutters, Fodder

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
 Albright Jas. H. & Sons, Mifflinburg, Pa.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Ann Arbor Machine Co. ("Cummings"), Ann Arbor, Mich.
 Appleton Mfg. Co., Batavia, N. Y.
 Babcock Mfg. Co. ("Ostego"), Leonardsville, N. Y.
 Belcher & Taylor Agricultural Tool Co. ("Chicken," "Baldwin," "New York," "Nonesuch," "Union," "Victor," "Gale Jr.," "Hide Roll," "Lion," "Self-Sharp-ening"), Chicopee Falls, Mass.
 Belle City Mfg. Co. ("Belle City"), Racine, Wis.
 Brown & Sharpe Mfg. Co., Providence, R.I.
 Buch's A. Sons Co. ("Buch," "Lighthouse," "Nobby," "Pennsylvania"), Elizabethtown, Pa.
 Cardwell Machine Co. ("Smith"), Richmond, Va.
 Challenge Co., Batavia, Ill.
 Conner J. W. & Son ("Daisy" Cutter & Crusher), Orangeville, Pa.
 Dick Jos. Mfg. Co. ("Alpine," "Dick's" Lever, "Famous"), Canton, O.
 Donaldson Bros. ("King"), Mount Clemens, Mich.
 Eagle Machine Co., Lancaster, O.
 Eddy W. Plow Co. ("Dandy," "Eddy," "Yankee"), Greenwich, N. Y.
 Ellis Keystone Agricultural Works ("Keystone" Ensilage & Feed Cutter), Pottstown, Pa.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Farquhar A. B. Co., Ltd. ("Clipper"), York, Pa.
 Foster & Williams Mfg. Co., Racine, Wis.
 Freeman Mfg. Co. (Hand & Power), Dept O, Racine, Wis.
 Gehl Bros. Mfg. Co. ("Silverzahn"), West Bend, Wis.
 Glascock Stove & Mfg. Co. ("Smith" Lever), Greensboro, N. C.
 Globe Foundry & Machine Co. (With or Without Blower Elevator), Sheboygan, Wis.
 Gowanda Agricultural Works ("Gowanda," "Star," "Hand"), Gowanda, N. Y.
 Greenville Implement Co., Greenville, Mich.
 Hamachek Frank ("Giant," "Ideal"), Kewaunee, Wis.
 Hamburg Plow Works ("Handy"), Hamburg, Pa.
 Harrison W. R. & Co. ("Columbia," "Tornado"), Massillon, O.
 Heebner & Sons ("Union"), Lansdale, Pa.
 Heller-Aller Co. ("Heller"), Napoleon, O.
 Hensch & Dromgold Co. (Hand & Power, "Superior"), York, Pa.
 Hocking Valley Mfg. Co. ("Boss," "Kokosing," "Hocking Valley," "Geneva"), Lancaster, O.
 Keystone Farm Machine Co. (Hand or Power), York, Pa.

Lehr Agricultural Co. ("Monarch"), Fremont, O.
 Lyon Iron Works ("Triumph"), Greene, N. Y.
 Messinger Mfg. Co. (Hand & Power), Tatamy, Pa.
 Moore Plow & Implement Co., Greenville, Mich.
 Mountville Mfg. Co. ("Triumph"), Mountville, Pa.
 Papec Machine Co., Shortsville, N. Y.
 Parlin & Orendorff Co., Canton, Ill.
 Perkins Wind Mill Co., Mishawaka, Ind.
 Ross E. W. Co. ("Ross," "Little Giant"), Springfield, O.
 Ross-Meehan Foundry Co., Chattanooga, Tenn.
 Rowell I. B. Co. ("Rowell"), Waukesha, Wis.
 Silver Mfg. Co. ("Ohio," "Pony," Hand & Power "Plantation"), Salem, O.
 Smalley Mfg. Co. (Electric), Manitowoc, Wis.
 Smith D. B. & Co. (Hay), Utica, N. Y.
 Star Mfg. Co., Carpentersville, Ill.
 Tanner D. F. ("Tanner," "Special"), Holland, N. Y.
 Thornburgh Mfg. Co. ("New No. 8," "Peerless" Hand Lever), Bowling Green, O.
 Warsaw-Wilkinson Co. ("Climax," "Rex," "Wyoming"), Warsaw, N. Y.
 Wausau Foundry & Machine Co., Wausau, Wis.
 Wayne Works, Richmond, Ind.
 Waite's S. R. Sons ("Smith," "Defender"), Norfolk, Va.
 Whitman Agricultural Co., St. Louis, Mo.
 Wilder-Strong Implement Co. ("Comet," "Swiss," "Whirlwind"), Monroe, Mich.
 Wilson Bros. ("Gem"), Easton, Pa.
See adv index at end of book
 Wodsedalak Jos., Algoma, Wis.

3554—Cutters (Flue)

See also Pneumatic Flue Cutters

BORDEN CO., THE, Warren, O.
See adv index at end of book
 Celfor Tool Co., Buchanan, Mich.
 Faessler J. Mfg. Co. ("Perfect"), Moberly, Mo.
 Fox Machine Co. (Tube), Jackson, Mich.
 Lagonda Mfg. Co. ("Lagonda"), Springfield, O.
 Liberty Mfg. Co. (Combined Tube Cutter & Expander), Pittsburgh, Pa.
 Lovejoy Tool Works (Hole), 319 W Ohio, Chicago, Ill.
 Murphy Christopher & Co. ("O'Neill"), 122 S Michigan av, Chicago, Ill.
 Pratt & Whitney Co., Hartford, Conn.
 Redington F. B. Co. ("American"), 112 S Sangamon, Chicago, Ill.
 Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
 Skinner M. B. & Co. ("Wernicke"), 562 W Washington, Chicago, Ill.
 Wiedeke Gustav & Co. ("Wiedeke," "Ideal" & "Dayton" Self-Feed), Dayton, O.

3555—Cutters (Fodder)

Ann Arbor Machine Co. ("Ann Arbor," "Cummings"), Ann Arbor, Mich.
 Appleton Mfg. Co. ("Appleton," "New Hero"), Batavia, Ill.
 Belcher & Taylor Agricultural Tool Co. ("Baldwin," "Gale-Baldwin"), Chicopee Falls, Mass.
 Belle City Mfg. Co. ("Belle City"), Racine, Wis.
 Challenge Co., Batavia, Ill.
 Dick Jos. Mfg. Co. ("Blizzard," "Famous," "Leader"), Canton, O.
 Doylestown Agricultural Co. ("Advance," "Doylestown"), Doylestown, Pa.
 Eagle Mfg. Co. ("Eagle"), Appleton, Wis.
 Ellis Keystone Agricultural Works ("Keystone" with Crusher Attachment), Pottstown, Pa.
 Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
 Freeman Mfg. Co., Racine, Wis.
 Gehl Bros. Mfg. Co., West Bend, Wis.
 Hamachek Frank ("Giant"), Kewaunee, Wis.
 Harrison W. R. & Co., Massillon, O.
 Heebner & Sons ("Heebner's Union"), Lansdale, Pa.
 Lyon Iron Works ("Triumph"), Greene, N. Y.
 Messinger Mfg. Co., Tatamy, Pa.
 Papec Machine Co., Shortsville, N. Y.
 Plymouth Fdry. & Machine Co., Plymouth, Wis.

Ross E. W. Co. ("Little Giant," "Ross"), Springfield, O.
 Silver Mfg. Co. ("Ohio"), Salem, O.
 Smalley Mfg. Co., Manitowoc, Wis.
 Star Mfg. Co., Carpentersville, Ill.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Warsaw-Wilkinson Co. ("Empire State"), Warsaw, N. Y.
 Wilder-Strong Implement Co. ("America," "Raisin Valley," "Swiss"), Monroe, Mich.

Cutters (Food)

See Choppers, Meat & Food

3556—Cutters (Formed Milling)

Barber-Colman Co., Rockford, Ill.
 Buckeye Twist Drill Co., Alliance, O.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co., Athol, Mass.

3557—Cutters (Gang)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
 Buckeye Twist Drill Co., Alliance, O.
 Detroit Twist Drill Co., Cleveland, O.
 Ingersoll Milling Machine Co., Rockford, Ill.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Tool Co., Cleveland, Ohio
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
 Pratt & Whitney Co., Hartford, Conn.
 Surerus & Greenhill, 502 W Division, Chicago, Ill.
 Union Twist Drill Co., Athol, Mass.

3558—Cutters (Gauge Glass)

Chesterton A. W. Co. ("Chesterton," "Boston"), 64 India, Boston, Mass.
 Goodell-Pratt Co., Greenfield, Mass.
MCRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Monce S. G., Unionville, Conn.
 Newark Brush & Scraper Co. ("Newark"), 266 Fabyan pl, Newark, N. J.
 Pancoast Hy. B. Co. ("Simplex"), 243 S 3d, Phila., Pa.
 Rogers H. A. Co. ("Favorite"), 87 Walker, New York
 Skinner & Connolly ("Skinner's"), Yonkers, N. Y.
SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York
See adv index at end of book
 Wilkins G. H. ("Wilkins"), 57 W Lake, Chicago, Ill.

3559—Cutters (Gear)

For Gear Cutting Machines, see Machinery
 Barber-Colman Co., Rockford, Ill.
 Bilton Machine Tool Co. (The), (Gear Millers), Bridgeport, Conn.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Clough R. M., Tolland, Conn.
 Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
 Union Twist Drill Co., Athol, Mass.

3559a—Cutters (Glass)

Barrett W. L. ("Standard," Steel Wheel), 30 School, Bristol, Conn.
 Browne & Dowd Mfg. Co. ("Favorite" Rolling Steel Wheel, etc), Meriden, Conn.
 Curtiss Geo. L. Co., Southington, Conn.
 Fletcher, Terry Co. ("Leader," "Champion," "Favorite," "Handy," Interchangeable & Standard Styles, Steel Wheel), Forestville, Conn.
 Goodell-Pratt Co. (With Turret Head), Greenfield, Mass.
 Hart H. Mfg. Co. ("King of Cutters," "Perfect"), Unionville, Conn.
 Karselsen E. (Diamond), 68 Nassau, New York
 Miller J. E. & Co. ("Trojan," "Krac-a-Jac," "Favorite"), 330 W Kinzie, Chicago, Ill.
 Millers Falls Co. ("Monitor," Steel Wheel), 28 Warren, New York

Monce S. G. ("Monce" Steel Wheel), Unionville, Conn.
 New England Novelty Works ("Woodward," Steel Wheel), Hill, N. H.
 Pritchard Stamping Co., Rochester, N. Y.
 Rocky Hill Hardware Co., Rocky Hill, Conn.
 S. & I. Co. ("S. & I."), Springfield, Mass.
SMITH & HEMENWAY CO. ("Red-Devil"), 76 Chambers, New York
See adv index at end of book



"RED DEVIL"
GLASS CUTTERS AND
GLAZIERS' TOOLS

are known and used wherever glass is known. "Red Devil" Glass Cutters give the greatest satisfaction because every wheel is fully hand-honed and tested before it leaves our factory.

SMITH & HEMENWAY CO., Inc.
 76 Chambers St., New York City
Send for Greenbook of Glaziers' Tools

Southington Hardware Co., Southington, Conn.
 Trojan Glass Cutter Works, 330 W Kinzie, Chicago, Ill.

Cutters (Glass Tube)

See Cutters, Gauge Glass

3559b—*Cutters (Green Bone)

WILSON BROS. ("Crown," "Daisy" Hand & Power), Easton, Pa.
See adv index at end of book

3560— Cutters (Gummer)

See also Gummars, Saw

Ajax Mfg. Co. (Solid for Saw & Stone Gummars), Pittsburgh, Pa.
 Atkins E. C. & Co., Indianapolis, Ind.
 Butterfield & Co., Derby Line, Vt.
 Mixer J. W. Saw Tool Co., Plymouth, Mass.

3561— Cutters (Gun Wad)

Kraeuter & Co., 583 18th av, Newark, N. J.
 Union Hardware Co., Torrington, Conn.

3562— Cutters (Hand Hole)

Chase Turbine Mfg. Co., Orange, Mass.

Cutters (Hog Nose)

See Ringers, Hog

3563— Cutters (Index)

Wrigley Thos. Co. ("Perfection"), 416 S Dearborn, Chicago, Ill.

3564— Cutters (Interlocking)

Ingersoll Milling Machine Co., Rockford, Ill.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Tool Co., Cleveland, Ohio
 Standard Tool Co., 6900 Central av, Cleveland, O.

3565— Cutters (Involute)

Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Tool Co., Cleveland, O.
 Pratt & Whitney Co. (Gear), Hartford, Conn.
 Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co. (Gear), Athol, Mass.

3566—Cutters (Iron Bar & Rod)

See also Cutters, Rod & Wire

Braun J. G., 609 S Paulina, Chicago, Ill.
 Buffalo Forge Co. (Angle Iron), Buffalo, N. Y.

Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
 Mersick C. S. & Co., New Haven, Conn.
 Pels Henry & Co. (Imp. Unbreakable, Rolled Steel Frame), West & Albany, New York
 Rock River Machine Co., Janesville, Wis.
TUCKER W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn. *See adv index at end of book*
 Wiener Machinery Co., 56 Church, New York

3566a—*Cutters (Iron Sheet, Bar & Rod)

TUCKER W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn. *See adv index at end of book*

Cutters (Key-Way)

See Key Seating Machines; also Milling Machines

3567—Cutters (Key-Seating & Slotting)

Ingersoll Milling Machine Co., Rockford, Ill.
 National Machine Tool Co., Cincinnati, O.
 Pratt & Whitney Co., Hartford, Conn.
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.
 Whitney Mfg. Co. ("Whitney for Woodruff System"), Hartford, Conn.

3568—Cutters (Kraut, Slaw, Etc.)

Chapman-Sargent Co. ("Shaw" Adjustable Knives), Perrysburg, O.
 Disston Henry & Sons, Inc., Tacony, Philadelphia, Pa.
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
 Handy Things Mfg. Co. ("Handy"), Ludington, Mich.
 Kelso & Co., 559 W Quincy, Chicago, Ill.
 Landers, Frary & Clark, New Britain, Conn.
 National Saw Co., Newark, N. J.
 Smith's Jno. E. Sons Co. ("Buffalo," Hand or Power), Buffalo, N. Y.
 Thompson O. E. & Sons (Hand), Ypsilanti, Mich.
 Thurnauer G. M. Co., 6 E 20th, New York
 Tucker & Dorsey Mfg. Co. ("Indianapolis Sanitary," "T. & D. Special" & "Queen"), Indianapolis, Ind.

3569—Cutters (Lace Leather)

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Greene, Tweed & Co. ("Earle"), 109 Duane, New York
 Manufacturers Belt Hook Co. ("Elliott"), 113 N Greene, Chicago, Ill.

3570— Cutters (Lap)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

3571— Cutters (Lead Pipe)

Bernz Otto, 21 Ashland av, Newark, N. J.
 Johnson Wm. (Hedenberg Works) (Plumbers'), Newark, N. J.
 Saunders D. Sons, Yonkers, N. Y.
 Vanderman Mfg. Co., Willimantic, Conn.
 Walworth Mfg. Co., Boston, Mass.
 Wolverine Brass Works, Grand Rapids, Mich.
 Yonts C. H. & Co., Meadville, Pa.

3572—Cutters (Lock Corner Box)

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.

Cutters (Meat)

See Choppers, Meat

Cutters (Metal Slitting)

See Gang Slitting Machines

3573— Cutters (Milling)

See also Cutters, Plain Milling; also Cutters, Screw Slotting; also Cutters, Side Milling; also Cutters, Milling, Inserted Teeth

Anderson Die Machine Co. ("Anderson," Super-Helical), Bridgeport, Conn.
 Barber-Colman Co., Rockford, Ill.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
 Bilton Machine Tool Co., (The), Bridgeport, Conn.
 Bliss E. C. Mfg. Co. (High Speed), 73 Page, Providence, R. I.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Buckeye Twist Drill Co., Alliance, O.
 Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Clough R. M. (Also Gear), Tolland, Conn.
 Detroit Twist Drill Co. (Plain & Side), 555 Fort, Detroit, Mich.
See adv index at end of book
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book

Garvin Machine Co., 147 Varick, New York
 Gilford F. E., Concord, N. H.
 Goddard Tool Co., 351 W Chicago av, Chicago, Ill.
 Indianapolis Tool & Mfg. Co. (Formed), Indianapolis, Ind.
 Ingersoll Milling Machine Co., Rockford, Ill.
 Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.

Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
 Morse Twist Drill & Machine Co. (For Mitre & Bevel Gears), New Bedford, Mass.
 National Tool Co. (Nicked Tooth, Plain, Face, etc), Cleveland, O.
 National Twist Drill & Tool Co. ("National"), Detroit, Mich.
 Oesterlein Machine Co., Cincinnati, O.
 Peninsular Tool Salvage Co. (Re-Cut), 45 Fort, E, Detroit, Mich.
 Pratt & Whitney Co., Hartford, Conn.
 Rogers Jno. M. Works, Gloucester City, N. J.

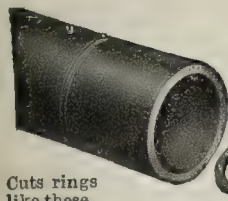
S. & I. Co. (Special), Springfield, Mass.
 Sloan & Chace Mfg. Co., 351 6th av, Newark, N. J.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Superior Die, Tool & Machine Co., Columbus, O.
 Surerus & Greenhill ("Eynon's"), 502 W Division, Chicago, Ill.
 Tabor Mfg. Co. ("Taylor-Newbold" High Speed Steel), 18th & Hamilton, Philadelphia, Pa.
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.
 Tindel Morris Co., Eddystone, Pa.
 Union Twist Drill Co. (Nicked Tooth), Athol, Mass.
 Windan Tool Co., 1318 Addison rd, Cleveland, O.

3574—Cutters (Milling, Inserted Tooth)

Barber-Colman Co., Rockford, Ill.
BECKER MILLING MACHINE CO., Hyde Park, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Ingersoll Milling Machine Co., Rockford, Ill.
 Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.
 Morse Twist Drill & Machine Co. (Face & Side Milling), New Bedford, Mass.
 National Tool Co., Cleveland, O.
 O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
 Oesterlein Machine Co., Cincinnati, O.
 Pratt & Whitney Co., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Tabor Mfg. Co. (For Planing Metal), 18th & Hamilton, Phila., Pa.
 Tindel Morris Co., Eddystone, Pa.
 Union Twist Drill Co., Athol, Mass.

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Redin, Ekstrom & Co., Rockford, Ill.
Thomson W. S., 418 W 27th, New York

3576—Cutters or Holders (Ticket, For Railroad Conductors)

Grammes L. F. & Sons, Allentown, Pa.

3577—Cutters (Paper, Hand)

Pease C. F. Co. ("Perfection"), 220 W Institute pl, Chicago, Ill.
Rose Jos. & Co., Irvington, N. J.
Tiley, Pratt Co. (Bone), Essex, Conn.

3578—Cutters (Pinion)

Sloan & Chace Mfg. Co. (Automatic), 351 6th av. Newark, N. J.

3579—*Cutters (Pipe)

BORDEN CO., THE ("Beaver"), Warren, Ohio *See adv index at end of book*

3580—Cutters (Pipe, Hand)

For Power see Pipe Cutting & Threading Machines

ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book

Ayes & Co. ("Saunders" Pattern), 1812 Ellen, Chicago, Ill.

Barnes Tool Co. ("Genuine Barnes-Saunders" Pattern), New Haven, Conn.

Brown H. B. Co., East Hampton, Conn.

Butterfield & Co., Derby Line, Vt.

Collmer Bros ("Saunders' Pattern"), So. Bend, Ind.

Cook August D. (Inside), Lawrenceburg, Ind.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Crown Die & Tool Co. ("Crown"), 555 W Monroe, Chicago, Ill.

Curtis & Curtis Co., Bridgeport, Conn.

Erie Tool Works, Erie, Pa.

Fox Machine Co., Jackson, Mich.

Hollands Mfg. Co., 352 E 18th, Erie, Pa.

Keller Mfg. Co. ("Keller"), 1325 N E Quincy, Minneapolis, Minn.

Mark Mfg. Co., Evanston, Ill.

Mechanicville Specialty Supply Mfg. Co. ("J. R. S. Easy" Soil Pipe), Mechanicville, N. Y.

Murchee Machine & Tool Co. ("Murchee," Rapid Roller Pipe Cutter Power), Detroit, Mich.

Oswego Tool Co. ("Saunders Pattern," "Barnes" Improved Three Wheel & Oswego One Wheel, etc), Oswego, N. Y.

Reed Mfg. Co., Erie, Pa.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

Saunders D. Sons, Yonkers, N. Y.

Smith A. P. Mfg. Co., East Orange, N. J.

Superior Tool Co. ("Du Charme" Combination Roller Chain), Cambridge, O.

Toledo Pipe Threading Machine Co. ("Vesper" & "Toledo"), 1440 Summit, Toledo, Ohio

Trimont Mfg. Co. ("Trimont"), Armory av, Roxbury, Boston, Mass.

Vanderman Mfg. Co. (Four Wheel), Willimantic, Conn.

Walworth Mfg. Co. ("Walworth" Three Wheel), Boston, Mass.

Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

3581—Cutters (Plain Milling)

Brown & Sharpe Mfg. Co., Providence, R. I.

National Tool Co., Cleveland, O.

Thurston Mfg. Co., 140 Benedict, Providence, R. I.

Cutters (Pneumatic Stay-Bolt)

See Pneumatic Stay-Bolt Cutters

Cutters (Porcelain Tube)

See Cutters, Arc Lamp Carbon

3582—Cutters (Potato)

See also Cutters, Vegetable

Aspinwall Mfg. Co., Jackson, Mich.

Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.

Champion Potato Machine Co. ("O. K. Champion"), Hammond, Ind.

Dowden Mfg. Co., Ltd., Prairie City, Ia.

Eureka Mower Co., 16 Hickory, Utica, N. Y.

Pugh Mfg. Co. ("Gem," "Pugh"), Topeka, Kan.

Streeter N. R. & Co., Rochester, N. Y.

3583—Cutters (Potato Chips)

Smith's Jno. E. Sons Co., Buffalo, N. Y.

Streeter N. R. & Co., Rochester, N. Y.

3584—Cutters (Potato Seed)

Aspinwall Mfg. Co., Jackson, Mich.

Champion Potato Machine Co. ("O. K. Champion"), Hammond, Ind.

Dowden Mfg. Co. Ltd., Prairie City, Ia.

Fetzer & Co., Springfield, Ill.

Pugh Mfg. Co., Topeka, Kan.

3585—Cutters (Rack)

See also Gear Cutting Machinery

Brown & Sharpe Mfg. Co., Providence, R. I.

3586—Cutters (Radial Duplex)

Union Twist Drill Co., Athol, Mass.

3587—Cutters (Reinforcing Bar)

See Cutters, Iron Bar & Rod

3588—Cutters (Rod & Wire)

Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.

Belden Machine Co., New Haven, Conn.

Braunsdorf-Mueller Co., Elizabeth, N. J.
Carolus Mfg. Co. ("Carolus"), Sterling, Ill.
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.

Cincinnati Tool Co. ("Hargrave," Compound Lever Wire Cutter), Norwood, Cincinnati, O.

See adv index at end of book

Crescent Tool Co. ("Crescent" Wire Cutter), 200 Harrison, Jamestown, N. Y.

Cronk & Carrier Mfg. Co. ("Cronk" Wire Cutter & Bender, Hand Only), Elmira, N. Y.

Keller Mfg. Co. ("Keller"), 1325 N E Quincy, Minneapolis, Minn.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.

See adv index at end of book

Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.

Pels Henry & Co. (Imp, Unbreakable Rolled Steel Frame; Rod Cutters Only), West & Albany, New York

Porter H. K. ("Boston"), 6 Ashland, Everett, Mass.

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Robinson M. W. Co. ("Carew's" Patent, Forged Steel), 203 37th, Brooklyn, N. Y.

Rock River Machine Co., Janesville, Wis.

TUCKER, W. B. & C. F. ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn. *See adv index at end of book*

Union Mfg. Co. (Combined Punch & Rod Cutter), New Britain, Conn.

Williams A. C. Co. (Cast Iron Only), Ravenna, O.

Worthington Pump & Machy. Corp., 115 B'way, New York

Worthington Pump & Machy. Corp., 115 B'way, New York

3589—Cutters (Roll Paper)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.

Champion Paper Cutter Co., Piqua, O.

Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.

Hilts Wrench & Mfg. Co. ("New York," "Eclipse" & "Reversible"), Richford, N. Y.

Streeter N. R. & Co. ("Sensible Giant"), Rochester, N. Y.

3590—Cutters (Root)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*

Belcher & Taylor Agricultural Tool Co. ("Champion," "Farmers," "Gale," "Whitman"), Chicopee Falls, Mass.

Buch's A. Sons Co. ("Buch," "Pennsylvania"), Elizabethtown, Pa.

Cutaway Harrow Co. ("Clark"), Higganum, Conn.

Donaldson Bros. ("King," "Monarch"), Mount Clemens, Mich.

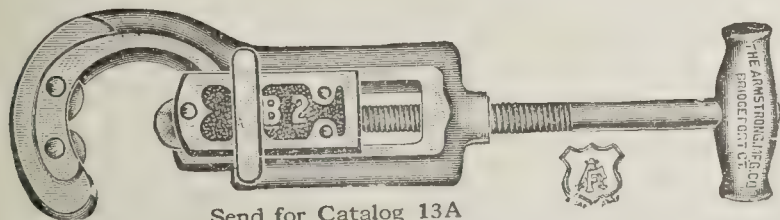
Eddy W. Plow Co., Greenwich, N. Y.

Gray Iron Casting Co ("Greedygrinder"), Springfield, O.

Greenville Implement Co., Greenville, Mich.

Hamachek Frank ("Ideal"), Kewaunee, Wis.

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3592—Cutters (Rosette)

Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.

3593—*Cutters (Rotary, for Drugs & Spices)

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3594—Cutters (Routing)

Royle John & Sons, Paterson, N. J.

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 Clough R. M., Tolland, Conn.
 Disston Hy. & Sons, Tacoma, Phila., Pa.
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 National Tool Co., Cleveland, O.
 Pratt & Whitney Co., Hartford, Conn.
 Reed & Prince Mfg. Co., Worcester, Mass.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.
 Union Twist Drill Co., Athol, Mass.

3596—Cutters (Segment)

Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.

3597—Cutters (Shear & Rod)

Braun J. G., 609 S Paulina, Chicago, Ill.
 Carolus Mfg. Co. ("Carolus", Rod Only), Sterling, Ill.
 Merwin Mfg. Co. ("Vulcan"), Erie, Pa.

3598—Cutters (Side Milling)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Buckeye Twist Drill Co., Alliance, O.
 Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Ingersoll Milling Machine Co., Rockford, Ill.
 Morse Twist Drill & Machine Co. (Or Heading Mills; also With Inserted Teeth), New Bedford, Mass.
 National Tool Co., Cleveland, O.
 National Twist Drill & Tool Co., Detroit, Mich.
 Pratt & Whitney Co., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
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 Union Twist Drill Co. (Interlocked), Athol, Mass.

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 Holland Trolley Supply Co. ("Holland"), 1623 E 43d, Cleveland, O.
 Matthews W. N. & Bro. ("Matthews' O. K."), 3722 Forest Park blvd, St. Louis, Mo.

More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.

NUTTALL, R. D. CO. ("U.-S."), McCandless & Harrison av, Pittsburgh, Pa.
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3600—Cutters (Soil Pipe)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Mechanicsville Specialty Supply Mfg. Co. ("J. R. S."), Mechanicsville, N. Y.

3601—Cutters (Solder)

BLISS, E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

3602—Cutters (Spiral Mill)

See Cutters, Side Milling

3603—Cutters (Spiral Plug)

Forest City Bit & Tool Co., Rockford, Ill.

3604—Cutters (Sprocket)

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 Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Tool Co., Cleveland, O.
 Pratt & Whitney Co., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co., Athol, Mass.

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 BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
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 Ferracute Machine Co., Bridgeton, N. J.
 Foundry Equipment Co., Cleveland, O.
 HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
 Meriden Press & Drop Co. ("Merriman" Sprue Cutting Presses), Meriden, Conn.
 Middleditch Benj., Detroit, Mich.
 Paxson J. W. Co. ("J-W-P & Co."), Phila., Pa.
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York
 Perkins Machine Co., Warren, Mass.
 SHUSTER F. B. CO. (Foot & Power), Cedar Hills, New Haven, Conn.
See adv index at end of book
 Standard Machinery Co., Providence, R. I.
 Tessmer Mach. & Tool Co., 235 Rivard, Detroit, Mich.
 Toledo Machine & Tool Co., Toledo, O.
 Turner Machine Co., 3632 N Lawrence, Phila., Pa.
 Vulcan Engineering Sales Co. ("Milwaukee," Power), 2059 Elston av, Chicago, Ill.
 Whiting Geo. Co., 1719 Elston av, Chicago, Ill.
 Woodison E. J. Co., Detroit, Mich.

3606—Cutters (Stalk)

See also Cutters, Fodder

ABBE ENGINEERING CO., 220 B'way, New York. *See adv index at end of book*
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 Avery Co. ("Avery," Spiral Knife), Peoria, Ill.
 Brinly Hardy Co., Louisville, Ky.
 Brown Mfg. Co., Zanesville, O.
 Case J. I. Plow Works ("J. I. Case"), Racine, Wis.
 Davidson-Dietrich Plow Co. ("Davidson"), Evansville, Ind.
 Deere & Mansur Co., Moline, Ill.
 Eagle Hay Press & Implement Co., Muskogee, Okla.
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
 Gale Mfg. Co. ("Daisy," Single Row), Albion, Mich.
 Galesburg Coulter Disc Co. ("Brown," "Galesburg"), Galesburg, Ill.

Hartman Mfg. Co., Vincennes, Ind.
 Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.

International Harvester Company of America (Inc.) ("International"), 702 Harvester bldg, Chicago, Ill.
See adv index at end of book

Keystone Farm Machine Co., York, Pa.
 Lehr Agricultural Co., Fremont, O.
 Moline Plow Co. ("Easy Rider," "Gladia-tor" Single & Double Row), Moline, Ill.

Parlin & Orendorff Co. ("P. & O. Canton" Single & Double Row), Canton, Ill.
 Peoria Drill & Seeder Co. ("Union"), Peoria, Ill.

Peru Plow & Wheel Co. (Single & Double Row), Peru, Ill.
 Rock Island Plow Co., Rock Island, Ill.
 South Bend Chilled Plow Co., S Bend, Ind.
 Southern Plow Co., Dallas, Tex.
 Sterling Mfg. Co., Sterling, Ill.
 Woodruff Machinery Mfg. Co., Winder, Ga.

3607—Cutters (Stay-Bolt)

See also Pneumatic Stay-Bolt Cutters
 Foote-Burt Co. ("Reliance"), Cleveland, Ohio
 Landis Machine Co., Waynesboro, Pa.
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York
 Stowe Flexible Shaft Co., N 26th & Cal-lowhill, Phila., Pa.
 Universal Machine Co. (Single & Double Head), Bowling Green, O.

3608—Cutters (Stocking)

Brown & Sharpe Mfg. Co. ("B. & S."), Providence, R. I.
 Morse Twist Drill & Machine Co. (For In-volute Gears), New Bedford, Mass.
 National Tool Co., Cleveland, O.
 Union Twist Drill Co. (For Gears), Athol, Mass.

3609—Cutters (Straw)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
 Cardwell Machine Co. ("Smith" Lever), Richmond, Va.
 White's S. R. Sons ("Smith"), Norfolk, Va.

3610—Cutters (T-Slot)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
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 Lincoln-Williams Twist Drill Co., Taun-ton, Mass.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Tool Co., Cleveland, Ohio
 National Twist Drill & Tool Co., Detroit, Mich.
 Pratt & Whitney Co., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co., Athol, Mass.

3611—Cutters (Tap & Reamer)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co., Athol, Mass.

Cutters (Thistle)

See Cutters, Canada Thistle

3612—Cutters (Tobacco Counter)

Brunhoff Mfg. Co., 9th & Freeman av, Cincinnati, O.
 Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
 Enterprise Mfg. Co. of Pa. ("Enterprise" Counter), 3rd & Dauphin, Phila., Pa.
 Griswold Mfg. Co. ("Triumph," "Stan-dard"), Erie, Pa.
 Landers, Frary & Clark ("Lee's"), New Britain, Conn.
 National Specialty Mfg. Co., 3rd & Lehigh av, Phila., Pa.
 North Bros. Mfg. Co. ("American," also Shaves), Lehigh av & American, Phila., Pa.
 Peck, Stow & Wilcox Co., Southington, Conn.

Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Schollhorn Wm. Co. ("Tuck's"), New Haven, Conn.
Wrightsville Hardware Co. ("Queen," "Brighton," "Perfection" & "Superior"), Wrightsville, Pa.

Cutters (Tube)

See Cutters, Flue

Cutters (Twine)

See Cutters, Rope, Cord & Twine

3613—Cutters (Twist Drill)

BECKER MILLING MACHINE CO., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buckeye Twist Drill Co., Alliance, O.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
National Tool Co., Cleveland, O.
Union Twist Drill Co., Athol, Mass.

3614—Cutters (Vegetable)

See also Cutters, Potato

American Fork & Hoe Co., Cleveland, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Aspinwall Mfg. Co., Jackson, Mich.
Athol Machine Co. ("American"), Athol, Mass.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Chapman-Sargent, Perrysburg, O.
Disston Henry & Sons, Tacony, Phila., Pa.
Eddy W. Plow Co., Greenwich, N. Y.
Enterprise Mfg. Co. of Pa. ("Excelsior"), 3rd & Dauphin, Phila. Pa.
Goodell Co., Antrim, N. H.
Humphrey & Sons, Joliet, Ill.
Landers, Frary & Clark, New Britain, Conn.
Lewis E. J. (String Bean), Middleport, N. Y.
Mann F. W. Co., Milford, Mass.
Munnsville Plow Co. ("Lightning"), Munnsville, N. Y.
Rollman Mfg. Co. Ltd., Mt. Joy, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 96 Lafayette, New York
Silver Mfg. Co. ("Rapid"), Salem, O.
Standard Bone Cutter Co., Milford, Mass.
Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
Thompson O. E. & Sons ("Ypsilanti"), Ypsilanti, Mich.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

Cutters (Veneer)

See Veneer Cutting Machines

3615—Cutters (Wall Paper Base)

Cassady, Fairbank Mfg. Co. ("Falcon"), 6126 S La Salle, Chicago, Ill.

3616—Cutters (Washer & Gasket)

Allen Chas. I. ("Eagle"), Pequabuck, Conn.
Bernz Otto ("Haggerty" & "Rose" Registering, etc.), 21 Ashland av, Newark, N. J.
Bonney Vise & Tool Works (Washer Only), Allentown, Pa.
See adv index at end of book
Braunsdorf-Mueller Co., Elizabeth, N. J.

THE CINCINNATI TOOL CO.
HARGRAVE

Norwood, Cincinnati, O.

Goodell-Pratt Co., Greenfield, Mass.
Johnson Wm., Newark, N. J.
Kraeuter & Co., 583 18th av, Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
McCrea Jas. & Co. ("Century"), 562 W Washington, Chicago, Ill.
Osborne C. S. & Co., Harrison, N. J.
Rose J. A. Mfg. Co., Hastings, Neb.
Sargent & Company ("Appleton's" Washer), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Smith Otis A. (Washer Cutters Only), Rockfall, Conn.
Stortz Jno. & Son (Washer), 210 Vine, Phila., Pa.

3617—Cutters (Weed)

Gateman Mfg. Co., Manitowoc, Wis.
Shaw H. C. Co. ("Clean-Cut"), Stockton, Cal.

Cutters (Wire)

See Cutters, Rod & Wire

3618—Cutters (Wire, on Log Cars)

Oshkosh Mfg. Co., Oshkosh, Wis.

3619—Cutters & Grinders (Tool Holder)

Armstrong Bros. Tool Co. ("Armstrong" for Cutting Off & Grinding Tool Holder Cutters), 339 N Francisco av, Chicago, Ill.

3619a—*Cutting (Oxy-Acetylene)

LINDE AIR PRODUCTS CO., 42nd Street bldg, New York
See adv index at end of book

3620—Cuttlefish Bone

McKesson & Robbins, 91 Fulton, New York
Manhattan Drug Co. (Importers), 50 Warren, New York
Sheldon G. W. & Co. (Importers), 8 Bridge, New York

3621—Cyanamid

American Cyanamid Co., Nashville, Tenn.

3622—Cyanide

Braun Corporation, Los Angeles, Cal.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
Harrisons, Inc. (Cyanide of Soda), 35th & Gray's Ferry rd, Phila., Pa.
Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.
Roessler & Hasslacher Chemical Co. (Cyanide of Sodium), 100 William, New York

3623—Cyanide Plants

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
Colorado Iron Works Co. ("Rothwell," Continuous Thickener & Filter, etc), Denver, Colo.
Dorr Co. ("Dorr," Continuous Thickener, etc), Denver, Colo.
Hendryx Cyanide Machinery Co. ("Hendryx" Dewaterer, etc), 136 Liberty, New York
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Koering Cyaniding Process Co., Hammond bldg, Detroit, Mich.
Llewellyn Iron Works, Los Angeles, Cal.
Moore Filter Co. ("Moore"), 43 Exchange pl, New York
Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.
Redwood Manufacturers Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.
Stearns-Roger Mfg. Co., Denver, Colo.
Traylor Engineering & Mfg. Co., Allentown, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.
Worthington Pump & Machy. Corp., 115 B'way, New York

Cycles (Railway)

See Cars, Velocipede

3523a—*Cyclometers

See also Indicators, Speed

New Departure Mfg. Co. ("New Departure" for Bicycles), Bristol, Conn.
See adv index at end of book

3624—Cylinder (Re-Boring)

Allentown Experimental Works, Allentown, Pa.
Ambrose Machine Co. ("In Position"), Eagle & Provost, Brooklyn, N. Y.
Fritz Geo. J. Foundry & Machine Co., 2018 S 3d, St. Louis, Mo.
Gould Balance Valve Co., Kellogg, Ia.
Lindstrom Jno. T., Allentown, Pa.
Manitowoc Shipbuilding Co., Manitowoc, Wis.
Mathews Hugh, Kansas City, Mo.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.
Renton Wm., 101 Water, Pittsburgh Pa.
Rooksey E. J. & Co., 435 N 11th, Phila., Pa.
Ruwell W. F., 719 Noble, Phila., Pa.
Schiller, Nolan & Co., 829 Cherry, Phila., Pa.
Underwood H. B. & Co., 1022 Hamilton, Phila., Pa.
Universal Mach. & Tool Co., Canton, O.
Wegner Machine Co., Buffalo, N. Y.
Wilson W. A. Machine Co., Rochester, N.Y.

3625—Cylinder & Tank Shells

American Welding Co., Carbondale, Pa.
BIGGS BOILER WORKS CO., Case av & William, Akron, O.
See adv index at end of book
Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
Freeman Mfg. Co., Racine, Wis.
Graver Wm. Tank Works, East Chicago, Ind.
Kennicott Co., Chicago Heights, Ill.
Leslie, Elliott & Co., Paterson, N. J.
McNeil Boiler Co., 96 Crozier, Akron, O.
MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
Manitowoc Engng Works, Manitowoc, Wis.
Petroleum Iron Works Co., Sharon, Pa.
SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
Smith Samuel & Son Co., Paterson, N. J.
Tippett & Wood, Phillipsburg, N. J.
Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Tank & Boiler Co., Warren, O.

3626—*Cylinders (Air)

Deming Co., Salem, O.
See adv index at end of book

3627—Cylinders (Air Compressor)

See Cylinders, Carbonic Acid Gas; also Cylinders & Shells, Seamless Pressed Steel

3628—Cylinders (Ammonia)

Cureton Wm. & Sons, Lexington, Richmond Co., O.
Manitowoc Engng Works, Manitowoc, Wis.
National Tube Co. ("SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First Nat'l Bank bld, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3629—Cylinders (Artesian Well)

American Well Works, Aurora, Ill.
See adv index at end of book
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Deming Co. (Brass), Salem, O.
See adv index at end of book
Fairbanks, Morse & Co. (Single & Double Acting), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co. ("Hoosier" Double Acting), Kendallville, Ind.
Hough Chas. N. Mfg. Co. (Cast Iron Seamless Cold Drawn Steel & Seamless Brass), Franklin, Pa.
Humphreys Mfg. Co. (Brass), Mansfield, O.
Mark Mfg. Co., Evanston, Ill.
Myers F. E. & Bro., 800 Orange, Ashland, O.
See adv index at end of book
NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*
San Antonia Machine & Supply Co. ("Samsca" Duplex), San Antonio, Tex.

3630—Cylinders (Blowing Engine)

Welmer Machine Works Co. ("Welmer"), Lebanon, Pa.

3631— *Cylinders (Brass)

Deming Co., Salem, O.
See adv index at end of book

Cylinders (Brick Hardening)

See Cylinders, Hardening

Cylinders (Caisson)

See Caissons, Sheet Steel

3632—*Cylinders (Calcium Light)

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3633— Cylinders (Carbon)

Eastern Carbon Works, 580 Henderson, Jersey City, N. J.

3634—Cylinders (Carbonic Acid Gas)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

HARRISBURG PIPE & PIPE BENDING CO. (Seamless), Harrisburg, Pa.

Kellogg M. W. Co., 90 West, New York
See adv index at end of book

National Tube Co. ("SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa.

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

3635— Cylinders (Cast Iron)

Bethlehem Fdry. & Machine Co. (For Chemical Works, etc), South Bethlehem, Pa.

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

Brunner Foundry & Mfg. Co., Peru, Ill.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Cooper C. & G. Co., Mt. Vernon, O.

Cureton Wm. & Sons, Lexington, Richland Co., O.

Hough Chas. N. Mfg. Co. (For Artesian & Oil Wells), Franklin, Pa.

Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.

MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book

Manufactures' Fdry Co. (For Auto), Waterbury, Conn.

Martin A. E. Foundry & Machine Co., 705 Park, Milwaukee, Wis.

Myers F. E. & Bro., 800 Orange, Ashland, O. See adv index at end of book

United States Cast Iron Pipe & Foundry Co. (Large), Burlington, N. J.

Waterbury Castings Co., Waterbury, Conn.
Wisconsin Cylinder Foundry Co., Racine, Wis.

Cylinders (Cement)

See Tanks & Cylinders, Cement

3636—Cylinders (Creosoting)

American Welding Co., Carbondale, Pa.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

Casey-Hedges Co., Chattanooga, Tenn.

Coatesville Boiler Works, Coatesville, Pa.

Cole R. D. Mfg. Co., Newman, Ga.

Columbiana Boiler Co., Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. See adv index at end of book

Freeman Mfg. Co., Dept O, Racine, Wis.

Heggie James G. & Sons, Joliet, Ill.

Kittoe Boiler & Tank Co., Inc., Canton, O.

Knox Pressed & Welded Steel Co., Pittsburgh, Pa.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

McNeil Boiler Co., 96 Crozier, Akron, O.
McNeil Jas. & Bros. Co., Pittsburgh, Pa.

MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

New York Central Iron Wks Co. Inc., Hagerstown, Md.

Petroleum Iron Works Co., Sharon, Pa.

Reeves Bros. Co., Alliance, O.

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

See adv index at end of book

Smith Samuel & Son Co., Paterson, N. J.

Struthers-Wells, Warren, Pa.

See adv index at end of book

TREADWELL CONSTRUCTION CO., Midland, Pa. See adv index at end of book

Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Cylinders (Deep Well)

See Cylinders, Artesian Well

3637—Cylinders (Gasoline Engine)

Bessemer Foundry Co., Grove City, Pa.

Cureton Wm. & Sons, Lexington, Richland Co., O.

Ferro Machine & Foundry Co., E 66th & Hubbard av, Cleveland, O.

Frontier Iron Works, 36 Letchworth, Buffalo, N. Y.

Interstate Foundry Co., East 61st & Erie R. R., Cleveland, O.

MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Moore Sam'l L. & Sons (Marine & Stationary), Elizabeth, N. J.

Pequonock Foundry, Bridgeport, Conn.

Wainwright W. W. & Son, Connorsville, Ind.

3638— Cylinders (Glass)

Corning Glass Works, Corning, N. Y.

Pairpont Corporation, New Bedford, Mass.

3639— Cylinders (Hardening)

American Clay Machinery Co., Willoughby, O.

Atlas Car & Mfg. Co. (For Sand, Lime, Brick Plants, etc), Cleveland, O.

See adv index at end of book

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.

See adv index at end of book

Columbiana Boiler Co., Columbiana, O.

Dover Boiler Works. Sales Office: 50 Church, N. Y. Works: Dover, N. J.

See adv index at end of book

Freeman Mfg. Co., (Brick), Racine, Wis.

Heggie James G. & Sons, Joliet, Ill.

Jackson & Church Co. (Brick), Saginaw, Mich.

MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

Reeves Bros. Co. (For Brick, etc), Alliance, O.

Struthers-Wells Co. (Brick Hardening), Warren, Pa.

Treadwell Construction Co., Midland, Pa.

See adv index at end of book

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

3640— Cylinders (Hydraulic)

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

Columbiana Boiler Co., Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

Cureton Wm. & Sons, Lexington, Richland Co., O.

East Jersey Pipe Corp. (High Pressure), Paterson, N. J.

French Oil Mill Machinery Co., Piqua, O.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Houston Car Wheel & Machine Co., Houston, Tex.

Kellogg M. W. Co., 90 West, New York

See adv index at end of book

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Manitowoc Engineering Works, Manitowoc, Wis.

National Tube Co. ("SHELBY" Seamless Steel Tubing, Frick bldg, Pittsburgh, Pa.

Reeves Bros. Co., Alliance, O.

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

See adv index at end of book

TREADWELL CONSTRUCTION CO., Midland, Pa. See adv index at end of book

Western Pipe & Steel Co., San Francisco, Cal.

3641 — *Cylinders (Hydro - Pneumatic)

Deming Co., Salem, O.

See adv index at end of book

MYERS F. E. & BRO., 800 Orange, Ashland, Ohio

See adv index at end of book

3642—Cylinders (Hydrogen, Oxygen & Chlorine)

Braun J. G., 609 S Paulina, Chicago, Ill.

Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.

HARRISBURG PIPE & PIPE BENDING CO. (Seamless), Harrisburg, Pa.

International Oxygen Co., 115 B'way, New York

Kellogg M. W. Co., 90 West, New York

See adv index at end of book

Manitowoc Engineering Works (Storage), Manitowoc, Wis.

National Tube Co. ("SHELBY" Seamless), Frick bldg, Pittsburgh, Pa.

See adv index at end of book

Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

See adv index at end of book

3643— Cylinders (Irrigating)

Deming Co. (Wind Mill), Salem, O.

See adv index at end of book

Humphreys Mfg. Co. (Porcelain & Brass Lined & Iron), Mansfield, O.

3644—Cylinders (Lard Cooling)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.

Brecht Co., 1201 Cass av, St. Louis, Mo.

Devine J. P. Co., Buffalo, N. Y.

3645— Cylinders (Pump)

Crestline Mfg. Co., Crestline, O.

Deming Co., Salem, O.

See adv index at end of book

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Hayes Pump & Planter Co., Galva, Ill.

Humphreys Mfg. Co. (Brass & Brass Lined), Mansfield, O.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

MYERS F. E. & BRO. (Ball, Glass & Poppet Valve, Spool Valves), 800 Orange, Ashland, O.

See adv index at end of book

Trahern Pump Co., Rockford, Ill.

3645a—*Cylinders (Regrinding)

Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.

See adv index at end of book

3646—Cylinders (Rock Drill)

Cureton Wm. & Sons, Lexington, Richland Co., O.

Interstate Foundry Co., East 61st & Erie R. R., Cleveland, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

3647—Cylinders (Rotary Drying)

American Process Co., 68 William, New York

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

Columbiana Boiler Co., Columbiana, O.

DOVER BOILER WORKS. Sales Office: 50 Church, New York. Works: Dover, N. J. See adv index at end of book

Freeman Mfg. Co., Dept. O, Racine, Wis.

MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

Reeves Bros. Co., Alliance, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
 Treadwell M. H. Co. of Illinois, 208 S La Salle, Chicago, Ill.
 Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works: Newburgh, N. Y.

3648—Cylinders (Tin)

Allenson Bros., 9 Steeple, Providence, R. I.
 Getchell Seth S. & Son, Woonsocket, R. I.
 Hill James Mfg. Co., 56 Westfield, Providence, R. I.
 New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
 Plews R. Mfg. Co., Central Falls, R. I.

3649—Cylinders (Vanadium)

Capitol Foundry Co. (Automobile, etc), Hartford, Conn.
 DuBois Foundry Co. (Small), Cold Spring, N. Y.
 Manufacturers Foundry Co. (Automobile, etc), Waterbury, Conn.
 Perkins Henry Co. (Automobile & Motor Cycle), Bridgewater, Mass.

3650—Cylinders (Vulcanizing)

American Welding Co., Carbondale, Pa.
 Casey-Hedges Co., Chattanooga, Tenn.
 Manitowoc Engineering Works, Manitowoc, Wis.

3651—Cylinders (Welded)

AMERICAN SPIRAL PIPE WORKS (Lap Welded), Chicago, Ill.
See adv index at end of book
 American Welding Co., Carbondale, Pa.
 Brunner Foundry & Mfg. Co., Peru, Ill.
 Continental Iron Works, West & Calyer, Brooklyn, N. Y.
 Kellogg M. W. Co., 90 West, New York
See adv index at end of book
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Manitowoc Engineering Works, Manitowoc, Wis.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book

3652—Cylinders (White Porous Clay)

Maddock John & Sons, Trenton, N. J.

3653-4—*Cylinders (Wooden)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*

3655—Cylinders & Tanks (Seamless Steel)

American Welding Co. (Welded Steel), Carbondale, Pa.
 Federal Pressed Steel Co. (Cold Drawn), Keefe av & N Pierce, Milwaukee, Wis.
HARRISBURG PIPE & PIPE BENDING CO., Harrisburg, Pa.
 Janney, Steinmetz & Co. (Mfrs. Agents), 1421 Chestnut, Phila., Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.
 Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

3656—Cymene

Industrial Chemical Co., 200 Fifth av, New York

3657—Dabbers (Metallic, Automatic)

Tillotson Humidifier Co. ("Greenwood" for Noble Combs), 78 Fountain, Providence, R. I.

3658—Dairy Apparatus & Supplies

See also Specific Article Required
 American Wooden Ware Mfg. Co. ("Toledo"), Toledo, O.
 Blanke Mfg. & Supply Co., 3rd & Wash'n av, St. Louis, Mo.
 Burrell D. H. & Co., Little Falls, N. Y.
 Cherry J. G. Co., Cedar Rapids, Iowa.
 Creamery Package Mfg. Co., 30 N La Salle, Chicago, Ill.

Creamery Supply Mfg. Co., Clinton, Wis.
 Dairy Machinery & Construction Co., Derby, Conn.
 Dairymen's Mfg. Co., Bay, Jersey City, N. J.
 Dobson Mfg. Co., Rockford, Ill.
 Gowing D. H. & Co., 240 W Jefferson, Syracuse, N. Y.
 Hall Bros. Co., West Acton, Mass.
 Hunt, Helm, Ferris & Co., Harvard, Ill.
 Jones Frank L., Utica, N. Y.
 Manning Mfg. Co., Rutland, Vt.
 Oakes & Burger Co., Cattaraugus, N. Y.
 Official Mfg. Co., La Crosse, Wis.
 Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
 Reinhold & Meyer Mfg. Co., Plymouth, Wis.
 Sharples Separator Co., West Chester, Pa.
 Thatcher Mfg. Co., Elmira, N. Y.
 Vermont Farm Machine Co. ("Skilmer," "V. F. M.," "Philadelphia," "Eureka"), Bellows Falls, Vt.
 Wright R. G. & Co., Buffalo, N. Y.

Damar Gum Importers

See Varnish Gums

3659—Damasks (Cotton)

Avon Mills Co. (Toweling & Table), Lewiston, Me.
 Blair Mills, Belton, S. C.
 Clarke Wm. & Sons (Table), Cedar & Margaret, Phila., Pa.
 Fidelity Mfg. Co., Charlotte, N. C.
 Fink Adam (Table), Orthodox & Large, Phila., Pa.
 Fountain Inn Mfg. Co. (Table), Fountain Inn, S. C.
 Gorman Thos. C. (Turkey Red), Adams & Church, Phila., Pa.
 Hewett C. G., Unity & Leiper, Phila., Pa.
 Huss Mfg. Co. (Table), Bessemer City, N. C.
 Irene Mills (Table), Gaffney, S. C.
 Kincaid Mfg. Co. (Toweling), Griffin, Ga.
 Krager J. (Table), 1543 Ruan, Phila., Pa.
 Pauline Mills (Table), Kings Mountain, N. C.
 Pepperton Cotton Mills (Toweling), Jackson, Ga.
 Renfrew Mfg. Co. (Table), Adams, Mass.
 Spencer Mountain Mills (Bleached Toweling & Mercerized Table), Lowell, N. C.
 Spencer & Chatterton (Table), 5817 Walker, Phila., Pa.
 Stevens Mfg. Co. (Table), Fall River, Mass.
 Thorpe Richard Co., 1657 Meadow, Phila., Pa.
 Wall Daniel, Unity & Leiper, Phila., Pa.
 Wardlow J. & W. (Table), 1615 Foulkrod, Phila., Pa.
 Witty Chas. H. & Co. (Turkey Red), Wayne & Berkley, Phila., Pa.
 Woodstock Cotton Mills (Table), Anniston, Ala.

3660—Damp Course

See also Waterproofing Materials

Barrett Co., 17 Battery pl, New York
 Bird & Son ("Neponset"), East Walpole, Mass.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
 Pacific Refining & Roofing Co. ("Plasterite"), 16th & Texas, San Francisco, Cal.
 Patent Vulcanite Roofing Co. ("Vulcanite" Asphalt), 2256 W 49th, Chicago, Ill.
 Simpson Bros. Corporation, 166 Devonshire, Boston, Mass.
 Standard Paint Co. (Ru-ber-Oid), 233 Broadway, New York
 Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.

Damp Proofing Compounds

See Waterproofing Materials

3661—Dampers (Coke Oven)

Helmick Foundry & Machine Co., Fairmont, W. Va.

3662—Dampers (Fireplace, Etc.)

Adams Co., Dubuque, Ia.
 Colonial Fireplace Co., 4611 W 12th, Chicago, Ill.
COVERT H. W. CO. ("Covert Throat"), 351 Lexington av, New York

JACKSON EDWIN A. & BRO. (Inc.) (Dome Slide & Ratchet, etc), 50 Beekman, New York
See adv index at end of book
 Jardine Walter S. & Sons Co. ("Jardine" Throat), 85 Haverhill, Boston, Mass.
 Milford Iron Foundry, Milford, Mass.
 Peerless Mfg. Co. ("Peerless"), Louisville, Ky.
 Shover Mfg. Co., Freeport, Ill.

3663—Dampers (Flue)

Pratt Engineering & Machine Co. (For Chemical Works), Atlanta, Ga.

3664—Dampers (For Forced Draft)

Buffalo Forge Co., Buffalo, N. Y.

3665—Dampers (Stove Pipe)

Adams Co. ("Diamond"), Dubuque, Ia.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
 Arnold Damper (Inc.), ("Arnold"), Goshen, Ind.
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
 Cheney S. & Son, Manlius, N. Y.
 Crunden Martin Mfg. Co., 2d & Gratiot, St. Louis Mo.
 Detroit Register Co. ("Yankee"), Detroit, Mich.
 Devlin Thos Mfg. Co., 3d & Lehigh avs, Phila., Pa.
 Gray Iron Foundry Co. (Cast Iron, Spring Handle, etc), Reading, Pa.
 Grey Iron Casting Co. (Hot Air), Mt. Joy, Pa.
 Griswold Mfg. Co. ("American"), Erie, Pa.
 Hood Furnace & Supply Co. ("Hood" Combination & Check Draft), Corning, N. Y.
 Kramer Bros. Foundry Co. ("Gem"), Dayton, O.
 Loetscher-Ryan Mfg. Co. ("Star"), Dubuque, Ia.
 Republic Metalware Co. The, Buffalo, N. Y.
 Sayre Stamping Co. ("Uncle Sam"), Sayre, Pa.
 Stover Mfg. Co. ("Ideal"), Freeport, Ill.
 Taylor & Boggis Foundry Co., Cleveland, Ohio
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Wheeling," Cast & Sheet Iron), Wheeling, W. Va.
 Williams A. C. Co., Ravenna, O.
 Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

3666—*Darners (Stocking & Glove)

Du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*

3667—Dashes (Automobile)

Aluminum Co. of America (Aluminum), Oliver bldg, Pittsburgh, Pa.
 American Veneer Co. (Wood), Hoboken, N. J.
 Auto Sheet Metal Works (Metal), 2420 W 22d, Chicago, Ill.
 Columbus Auto Brass Co. (Metal), Columbus, O.
 Detroit Auto Dash Co. (Wood), 519 Beau-bien, Detroit, Mich.
 Hanson-Ward Veneer Co. (Wood), Bay City, Mich.
 Hayes Mfg. Co. (Metal), Detroit, Mich.
 Indiana Veneer & Panel Co. (Wood), New Albany, Ind.
 Kahler Co. (Wood), New Albany, Ind.
 McKinnon Dash Co. (Leather), Buffalo, N. Y.
 Peters & Heron Dash Co., Gift & Culbertson, Columbus, O.
 Todd Mfg. Co., 820 Mary pl, Minnesota, Minn.

3668—Dashes (Carriage)

Kroh C. Z. Mfg. Co., Toledo, O.
 McKinnon Dash Co., Buffalo, N. Y.
 Peters Harness & Saddlery Co., 346 Mulberry, Newark, N. J.
 Peters & Herron Dash Co., Gift & Culbertson, Columbus, O.

3669—Dashes (Screen)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*

Harrington & King Perforating Co., 614 N Union av., Chicago, Ill.
 Manhattan Perforated Metal Co., 237 Centre, New York
 Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

3670—Dashes (Sleigh)

Searls Mfg. Co. (Screens), 29 Mulberry, Newark, N. J.

3671—Davits (Ship)

Welin Marine Equipment Co. ("Welin Quadrant," etc), 330 Vernon av., Long Island City, N. Y.
 Wilcox, Crittenden & Co. (& Anchor), Middletown, Conn.

Decalcomania Transfers

See Ornaments, Transfer

Decarbonizers

See Removers, Carbon

Decorations

Under this heading see Sub-classifications:

For other materials used for decorating, etc., see the following classifications in different parts of the book:

Capitals, Composition; Carvers, Stone; Carvers, Wood, Classic; Ceilings, Sheet Steel; Floors, Parquet; Glass Stainers; Grille, Fret & Lattice Work; Marble, Art (Scagliola), Marble Interior Work; Memorial Windows; Modelers & Sculptors, Architectural; Mosaics, Various Kinds; Mouldings, Various Kinds; Ornaments, Various Kinds; Papier Mache; Scenic Artists; Sheet Metal Borders, Friezes, etc; Stucco Work; Tiles, Various Kinds; Wall Finishes.

3672—Decorations (Carton Pierre)

Architectural Decorating Co., 1600-1608 S Jefferson, Chicago, Ill.
 Decorators Supply Co., Archer av & Leo, Chicago, Ill.
 Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
 Emmel Co., 81 Bristol, Boston, Mass.
 Liesum George & Co., 228 E 24th, New York
 Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.

3673—Decorations (Church)

Colgate Art Glass Co. (W. L. Coldwell), 8 Gansevoort, New York
 Dolan W. J., 100 Boylston, Boston, Mass.
 Geissler R., 56 W 8th, New York
 Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
 Lamb J. & R. (Inc), 25 6th av., New York
 Raby, Hinton & Co., Mechanicsburg, Pa.
 Righter & Kolb, 420 Madison av., New York
 Tiffany Studios, Madison av & 45th, New York
 Whitman Studios, 900 Oxford, Phila., Pa.

3674—Decorations (Plastic Relief)

Architectural Decorating Co., 1600-1608 S Jefferson, Chicago, Ill.
 Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
 Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
 Emmel Co., 81 Bristol, Boston, Mass.
 Forman Geo. A., 654 Gates av., Brooklyn, N. Y.
 Klee-Thomson Co., 327 E 40th, New York
 Lincrusta Works ("Pallas Lincrusta"), 121 E 24th, New York
 Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
 National Plastic Relief Co., Blue Rock & Turrill, Cincinnati, O.
 Righter & Kolb, 420 Madison av., New York
 Root C. R., Hartford, Conn.
 Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
 Tugnarelli & Voigt Co., 1743 N 12th, Phila., Pa.
 Walter G. E., 157 E 44th, New York

3675—Decorations (Theatre)

Architectural Decorating Co., 1600-1608 S Jefferson, Chicago, Ill.
 Decorators' Supply Co., Archer ave & Leo, Chicago, Ill.

Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
 Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
 Righter & Kolb, 420 Madison av., New York
 Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.
 Story O. L. Scenic Co., Somerville, Mass.

3676—Decorative Art Leathers

Baldwin T. F. 3 W 47th, New York
 Boston Artificial Leather Co., Stamford, Conn.
 Cordova Leather Co., 176 Madison av., New York
 Johnson Leather Co., 43 W 16th, New York
 Righter & Kolb, 420 Madison av., New York

3677—Decorative Art Tapestries

Brounet Arthur, 1133 B'way, New York
 Mills J. C. Co., 44 Clinton, Brooklyn, N. Y.
 Turner J. Spencer Co., 86 Worth, New York

3678—Decorative Electric Lighting

Anglo-Am. Co. (Tree Outfits), 634 Smithfield, Pittsburg, Pa.
 Beacon Elec. Wks. (Xmas Tree Ltg. Outfits), 132 King, New York
 Elblight Co. of America, 133 W 24th, New York
 Elec'l Decorative Flower Co., 140 W 16th, New York
 Elux Miniature Lamp Division ("Jaeger"), 16 E 40th, New York
 Fensterer & Ruhe (Sprays, Leaves), 37 Murray, New York
 General Elec. Co. (Xmas Tree Ltg. Outfits), Schenectady, N. Y.
See adv index at end of book
 Gudeman & Co. (Flower Baskets, Christmas Tree Lighting Outfits), 19 W 36th, New York
 Import Sales Co. (Xmas Tree Ltg.), 318 E 32d, New York
 Interstate Electric Novelty Co. (Xmas Tree Outfits, etc), 29 Park pl, New York
 McCandless H. W. & Co. (Xmas Tree Lighting Outfits), 406 W 31st, New York
 Manhattan Electrical Supply Co. (Christmas Tree & Decorative), 17 Park pl, New York
 Propp M. Co., 108 Bowery, New York
 Rounds Elec. Co. (Flowers), 44 Boylston, Boston, Mass.
 Standard Electric Mfg. Co., Niles, O.
 Standard Electric Novelty Co. (Xmas Tree), 730 W Randolph, Chicago, Ill.
 Tardie E. J., 240 6th av., New York
 Union Battery Co. (Xmas Tree Battery Lighting Outfits), Belleville, N. J.
 Warren Walter G. & Co., 1401 W Jackson blvd, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

3679—Decorators (Architectural)

Architectural Decorating Co., 1600-1608 S Jefferson, Chicago, Ill.
 Binner Theo., 423 14th, San Francisco, Cal.
 Brounet Arthur, 1133 B'way, New York
 Buehner A. Decorators' Supply Co., St. Louis, Mo.
 Decorators' Supply Co., Archer av & Leo, Chicago, Ill.
 Detroit Decorative Supply Co., Detroit, Mich.
 Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.
 Emmel Co., 81 Bristol, Boston, Mass.
 Jennens W. H., 1811 Baltimore av., Kansas City, Mo.
 Klee-Thomson Co., 327 E 40th, New York
 Lombard & Ludwig, 309 14th, N W, Washington, D. C.
 Mills J. Clawson Co., 44 Clinton, Brooklyn, N. Y.
 Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.
 Righter & Kolb, 420 Madison av., New York
 Root C. R., Hartford, Conn.
 Schneider F. H. (Altar Builders, etc), Syracuse, N. Y.
 Seifert Frank A., Plastic Relief Co., 2627 Dayton, St. Louis, Mo.

Tugnarelli & Voigt Co., 1743 N 12th, Phila., Pa.

Decorators (Ecclesiastical)

See Decorations, Church

3680—Decorators & Painters (Mural)

Boyle Jno. Co., New Britain, Conn.
 Geissler R., 56 W 8th, New York
 Nelson W. P. Co., 614 S Michigan av., Chicago, Ill., & 120 W 29th, New York
 Rambusch Decorating Co., 2 W 45th, New York
 Turner Chas. Y., 27 W 67th, New York
 Weber, Lind Co., 1011 Chester av., Cleveland, O.

3681—Decoys (Duck, Etc.)

Canvass Decoy Co. ("Acme" Pneumatic), Union City, Tenn.
ESTES E. B. & SONS, 358 5th av., New York *See adv index at end of book*
 Johnson Wm. R. ("Johnson's" Folding Paper), Seattle, Wash.
 Read William & Sons ("Plover" Tin, also Grease), 364 Washington, Boston, Mass.

3682—Defecators

Blymyer Iron Works Co. ("Santa Clara"), Cincinnati, O.
 Coldwell-Wilcox Co., Newburgh, N. Y.
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
 Deeley Robt. & Co., 29 B'way, New York
 Flynn W. S., 76 Hudson, Jersey City, N. J.
 Gerdes & Co., 42 Church, New York
See adv index at end of book
 Hauptman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
 Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.
 Kilby Mfg. Co., Cleveland, O.
 Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
 Murphy, Jno. H., 643 Magazine, New Orleans, La.
 Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
 Pusey & Jones Co., ft Poplar, Wilmington, Del.
 Squier Geo. L. Mfg. Co., Buffalo, N. Y.
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
TURL IRON & CAR CO. (INC.), THE, 50 Broad, New York. Works: Newburgh, N. Y.

3683—Deflectors (Auto-Light)

EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

3684—Deflectors (Car Heater)

Lord Mfg. Co., 105 W 40th, New York

3685—DegerminatorsNordyke & Marmon Co. (Corn), 1290 Kentucky av, Indianapolis, Ind.
Union Iron Works, Decatur, Ill.**3686—Degras**Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co. (Imp.), 644 Greenwich, New York
Marden, Orth & Hastings Co., 61 B'way, New York
Montgomery W. L. & Co. ("Arlington Mills"), 10 High, Boston, Mass.
Pfaltz & Bauer ("Golden Fleece" Imported), 300 Pearl, New York
Swan & Finch Co. (Imported), 165 B'way, New York
Young Frank L. Co. (Anchor & Merino), 111 Purchase, Boston, Mass.**3687—Degreasing**

Grease & Oil Extracted from All Kinds of Leather

KUTZTOWN FOUNDRY & MACHINE CO.
(Plants & Equipments for Degreasing), 1421 Chestnut, Phila., Pa.
*See adv index at end of book*Printz Degreasing Co., 1001 Chestnut, Phila., Pa.
Simonin's C. F. Sons, Tiogo & Belgrade, Phila., Pa.
Spence Degreasing Co., 26 Av L, Newark, N. J.
Woburn Degreasing Co., Woburn, Mass.**3688—*Degreasing Plants & Equipments****KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.
*See adv index at end of book***3689—Dehorners (Cattle)**

Leavitt Mfg. Co. ("Leavitt," "H. H. Brown," "Newton & McGee"), Urbana, Ill.

Phillips Morris T. ("Keystone"), Pomeroy, Pa.

Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.

Rhodes Mfg. Co., Grand Rapids, Mich.
Ridgely Trimmer Co., Springfield, O.
Sayre L. A. Co. ("Calf"), 332 Mulberry, Newark, N. J.**3690—Delta Metal Bars & Plates**

Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.

3691—Demagnetizers (Watch)Green W. Electric Co., 81 Nassau, New York
Knoblock-Heideman Mfg. Co., South Bend, Ind.
McDonald Elec. Co., Chenoa, Ill.
Quick Action Ignition Co., South Bend, Ind.
Sorenson P., 18 Dunham pl, Brooklyn, N. Y.**3692—Demijohns**Bahr Demijohn Co., Ellenville, N. Y.
Boley B., Olean, N. Y.
Hawley Glass Co., Hawley, Pa.
Illinois Glass Co., Alton, Ill.
Illinois Pacific Glass Co., 15th & Folsom, San Francisco, Cal.
Ohio Lantern Co. (Wire Cushioned), Tiffin, Ohio
Robinson Clay Product Co. (Pottery), Akron, O.
Scott-Warman Glass Co., East Stroudsburg, Pa.
White Fred C. (Boxed "Twoplex"), 241 Water, New York**3693—Denims**Amoskeag Mfg. Co., Manchester, N. H.
Canton Cotton Mills (Blue Indigo), Canton, Ga.
Carhartt Hamilton Cotton Mills, Rock Hill, S. C.
Columbian Mfg. Co., Greenville, N. H.
Eagle & Phenix Mills, Columbus, Ga.

Erwin Cotton Mills Co., West Durham, N. C., & Duke, N. C.

Everett Mills, 120 Franklin, Boston, Mass.
Falls Co., Norwich, Conn.Hamburger Cotton Mills, Columbus, Ga.
Holt, Gant & Holt Cotton Mfg. Co., Elon College, N. C.McAden Mills, McAdenville, N. C.
Massachusetts Cotton Mills, Lowell, Mass.Oakland Mills, Taunton, Mass.
Otis Co. (Fancy), Boston, Mass.Pelham Mfg. Co., Pelham, Ga.
Pell City Mfg. Co. (Indigo), Pell City, Ala.Pemberton Co., Lawrence, Mass.
Proximity Mfg. Co. (Indigo Blue), Greensboro, N. C.Royal Mills (All Colors), Charleston, S. C.
Shetucket Co., Greenville, Conn.Texas Cotton Mill Co., McKinney, Texas
Thorndike Co., Thorndike, Mass.Tupelo Cotton Mills, Tupelo, Miss.
Uncasville Mfg. Co., Uncasville, Conn.Walton Cotton Mill Co., Monroe, Ga.
Whitaker Wm. & Sons, Cedar Grove, Phila., Pa.White Bros., E. Jaffrey, N. H.
White N. D. & Sons, Winchendon Springs, Mass.

York Mfg. Co., Saco, Me.

3694—Depilatories

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

3694a—*Depressors (Tongue)Estes E. B. & Sons, 358 5th av, New York.
*See adv index at end of book***3695—Derailers (Car)**American Frog & Switch Co., Hamilton, Ohio
Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*
Cleveland Frog & Crossing Co. ("Porter"), Cleveland, O.
General Railway Signal Co. ("Anderson-Bevan"), Rochester, N. Y.
Hayes Track Appliance Co. ("Hayes" Lifting & Pivot De-Rails, for Steam or Street Railways), Richmond, Ind.

HENDRICKS'

COMMERCIAL

REGISTER

is generally acknowledged to be the best Purchasing Agents' Register. It is commended by the leading Trade Journals and is used by the largest firms and corporations in all lines of business. : : : : :

Hobart Allfree Co. ("Freeland" Mechanical Clamp & "Smyth" Hand Throw), 37 W Vanburen, Chicago, Ill.
 Indianapolis Switch & Frog Co., Springfield, O.
 Morden Frog & Crossing Works (Half Split), 208 S La Salle, Chicago, Ill.
 Pettibone, Mulliken & Co., 140 S Dearborn, Chicago, Ill.
 Pneumatic Gate Co., 1921 S Fairfield av, Chicago, Ill.
 Q. & C. Co., 90 West, New York
 Railroad Supply Co. ("R R S"), 203 S Dearborn, Chicago, Ill.
 Ramapo Iron Works, Hillburn, N. Y.
 St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
 Weir Frog Co., Cincinnati, Ohio
 Wharton Wm. Jr. & Co. Inc., Easton, Pa.

3696—Derrick Irons & Fittings

Allen Engine Co., 5315 N 2d, Phila., Pa.
 American Hoist & Derrick Co., St. Paul, Minn.
 Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
 Boston Oregon Mast Co., 131 Coleridge, East Boston, Mass.
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Channon Jas. H. Mfg. Co., 229 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

Derrick Irons & Fittings
 MANUFACTURED BY
CLYDE IRON WORKS
 DULUTH, MINN.

Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
 Flory S. Mfg. Co., Bangor, Pa.
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Lane Mfg. Co. (Derrick Turning Gears, Air or Steam), Montpelier, Vt.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
 Memphis Machine Works, Memphis, Tenn.
 National Equipment Co. (Convertible), 940 W Lake, Chicago, Ill.

 **IMPROVED CONVERTIBLE DERRICKS**
Blocks Sheaves Bushings
THE NATIONAL EQUIPMENT CO.
 123 So. Racine Ave. Chicago, Ill.

New Albany Machine Mfg. Co., New Albany, Ind.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.
 Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill.
See adv index at end of book
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
 Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
 Street Bros. Machine Works, Chattanooga, Tenn.

Stroudsburg Engine Works, Stroudsburg, Pa.
 Terry Edw. F. Mfg. Co., Grand Central Terminal, New York
 Terry & Tench Co., 70 E 45th, New York
 Union Iron Works, Hoboken, N. J.
 Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

Derrick Spars, Masts & Booms

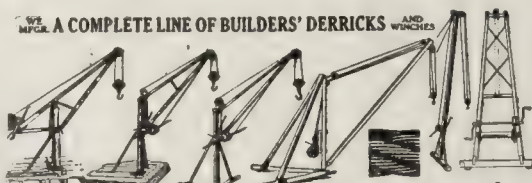
See Masts & Spars

Derrick Swingers

See Engines, Swinging

3697—Derricks (Builders')

See also Hoists, Various Kinds
 American Hoist & Derrick Co., St. Paul, Minn.
BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
 Flory S. Mfg. Co., Bangor, Pa.
 Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.
 Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
 Minneapolis Steel & Machy. Co., 29th & Drexel, Minneapolis, Minn.
 Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark N. J.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Sasgen Derrick Co. ("Sasgen" Circle Swing, Hand Power), 3101 W Grand av, Chicago, Ill.
See adv index at end of book


CALL UP GARFIELD 800
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 We Assure Prompt Delivery and Satisfaction

Shannon J. Jacob & Co., 1744 Market, Phila., Pa.
 Taylor Portable Steel Derrick Co., 215 W Grand av, Chicago, Ill.
 Terry & Tench Co., 70 E 45th, New York
 Williams G. H. Co., Erie, Pa.

3698—Derricks (Crane)

American Hoist & Derrick Co., St. Paul, Minn.
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
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CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Maine Electric Co. (Electric), Portland, Me.
NORTHERN ENGINEERING WORKS (Electric), 9 Chene, Detroit, Mich.
See adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.
 Williams G. H. Co., Erie, Pa.

3699—Derricks (Farm)

Friend Mfg. Co., Gasport, N. Y.
 Heller-Aller Co., Napoleon, O.
 Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

3700—*Derricks (Floating or Barge)

BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.
See adv index at end of book
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

3701—Derricks (Folding)

Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
 Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
SPEIDEL JOHN G., Reading Pa.
See adv index at end of book

3702-3—Derricks (Guy)

American Bridge Co. (Steel), 30 Church, New York
 American Hoist & Derrick Co. (Self-Slewing Steel or Wooden), St. Paul, Minn.
 Bedford Foundry & Machine Co. (Steel), Bedford, Ind.
 Bronx Derrick & Tool Co. ("Dennis" for Stone Setters, Iron Workers, etc.), 143d & Southern blvd, New York
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Byers Jno. F. Machine Co., 242 Sycamore, Ravenna, O.
See adv index at end of book
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.
 Flory S. Mfg. Co., Bangor, Pa.
HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
 Minneapolis Steel & Machinery Co. (Steel or Timber Mast, Steel Boom, Operated by "Twin-City" Electric, Gasoline & Steam Hoists), 29th & Drexel, Minneapolis, Minn.
 Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
 National Equipment Co., 125 S Racine av, Chicago, Ill. *See adv index at end of book*
 National Iron Co., Duluth, Minn.
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
 Sasgen Derrick Co. ("Sasgen" Guy Line), 3101 W Grand av., Chicago, Ill.
See adv index at end of book
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
 Stroudsburg Engine Works, Stroudsburg, Pa.
 Terry & Tench Co., 70 E 45th, New York
 Williams G. H. Co., Erie, Pa.

3704—*Derricks (Locomotive)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Derricks (Log Loading)

See Loaders, Log

3705— Derricks (Misc.)

See also Cranes of Various Kinds; also Hoists of Various Kinds

Biegert J. C. Machine Works, Seattle, Wash.

Browning Victor R. & Co., 17701 Lake Shore blvd., Cleveland, O.

See adv index at end of book

Byers Jno. F. Machine Co., 242 S Sycamore av., Ravenna, O.

*See adv index at end of book***CLYDE IRON WORKS**, Duluth, Minn.*See adv index at end of book*

DERRICKS
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DULUTH, MINN.

Granite City Iron Works, St. Cloud, Minn.
Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

THE HAYWARD COMPANY
DIGGING MACHINERY

50 CHURCH STREET, NEW YORK*See adv index at end of book*

Kelly L. J. Mfg. Co. (Breast & Ditch), Albany, N. Y.

Lake Shore Engine Works (& Derrick Hoisters), Marquette, Mich.

Lane Mfg. Co. (Boom), Montpelier, Vt.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Lincoln Iron Works, Rutland, Vt.

McCoy Henry J. Co., 65 Dey, New York

Northwestern Iron Works, Seattle, Wash.

Patch F. R. Mfg. Co., Rutland, Vt.

St. Cloud Iron Works, St. Cloud, Minn.

SHANNON J. JACOB & CO., 1744 Market, Phila., Pa.

Smith, Whitcomb & Cook Co., Barre, Vt.

Superior Iron Works Co. (Heavy & Swing-

ing Engines), Superior, Wis.

Taylor Portable Steel Derrick Co., 215 W

Grand av., Chicago, Ill.

Vogel Tool Co., Kansas City, Mo.

Washington Iron Works, Seattle, Wash.

Williams G. H. Co., Erie, Pa.

3706—Derricks (Oil & Water Well)**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book*

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.*See adv index at end of book*Sasgen Derrick Co., 3101 W Grand av., Chicago, Ill. *See adv index at end of book***3707— Derricks (Pile Driving)**

Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.

*See adv index at end of book***CLYDE IRON WORKS** (Mounted on

Spool Rollers), Duluth, Minn.

See adv index at end of book

Dobbie Foundry & Machine Co., Main Of-

fice & Works: Niagara Falls, N. Y.

LIDGERWOOD MFG. CO., 96 Liberty,New York *See adv index at end of book*

Mundy J. S. Hoisting Engine Co., 722

Frelinghuysen av. Newark, N. J.

See adv index at end of book

Nashville Bridge Co., Nashville, Tenn.

National Iron Co., Duluth, Minn.

Smith Theodore & Sons Co., ft Essex,

Jersey City, N. J.

South St. Louis Foundry Co., 7514 S

B'way, St. Louis, Mo.

Stroudsburg Engine Works, Stroudsburg,

Pa.

Vulcan Iron Works, 327 N Irving av., Chicago, Ill.

3708— Derricks (Pipe)

Mueller H. Mfg. Co. (Improved Derrick & Pipe Tongs for Water Mains), Decatur, Ill.

Sasgen Derrick Co., 3101 W Grand av., Chicago, Ill. *See adv index at end of book*

Taylor Portable Steel Derrick Co. (For Unloading Gondola Cars), 215 W. Grand av., Chicago, Ill.

3709— Derricks (Portable)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.

*See adv index at end of book***CLYDE IRON WORKS**, Duluth, Minn.*See adv index at end of book*

Exeter Machine Works, Pittston, Pa.

LIDGERWOOD MFG. CO., 96 Liberty,New York *See adv index at end of book*

National Equipment Co. (Flanged Wheel

Track), 125 S Racine av., Chicago, Ill.

See adv index at end of book

Sasgen Derrick Co., 3101 W Grand av.,

Chicago, Ill. *See adv index at end of book*

Taylor Portable Steel Derrick Co. ("Taylor-

Steel), 215 W Grand av., Chicago,

Ill.

Terry & Tench Co., 70 E 45th, New York

Williams G. H. Co., Erie, Pa.

Derricks (Revolving)

See Derricks, Guy; also Derricks, Stiff-Leg

3710— Derricks (Steel)

See also Derricks, Misc.

American Bridge Co., 30 Church, New York

American Hoist & Derrick Co., St. Paul, Minn.

Bedford Foundry & Machine Co., Bedford, Ind.

BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.*See adv index at end of book***CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book***CLYDE IRON WORKS** (Stiff Leg Bull

Wheel, etc), Duluth, Minn.

See adv index at end of book

Dobbie Foundry & Machine Co., Niagara

Falls, N. Y.

HAYWARD CO., THE (Traveling & Sta-

tionary), 50 Church, New York

See adv index at end of book

Insley Mfg. Co. (Contractors') 3500 E St.

Clair, Indianapolis, Ind.

LIDGERWOOD MFG. CO., 96 Liberty,New York *See adv index at end of book*

Minneapolis Steel & Machinery Co. (Stiff

Leg Operated by "Twin City" Electric,

Gasoline or Steam Hoist), 29th &

Drexel, Minneapolis, Minn.

Nashville Bridge Co., Nashville, Tenn.

National Equipment Co., 125 S Racine av.,

Chicago, Ill. *See adv index at end of book*

National Iron Co., Duluth, Minn.

NORTHERN ENGINEERING WORKS, 9

Chene, Detroit, Mich.

See adv index at end of book

Oil Well Supply Co., 215 Water, Pitts-

burgh, Pa.

Page Engineering Co. (Revolving Boom),

189 W Madison, Chicago, Ill.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.*See adv index at end of book*

Sasgen Derrick Co., 3101 W Grand av.,

Chicago, Ill. *See adv index at end of book*

Taylor Portable Steel Derrick Co., 215 W

Grand av., Chicago, Ill.

Terry Edw. F. Mfg. Co., Grand Central

Term., New York

Terry & Tench Co., 70 E 45th, New York

Williams G. H. Co., Erie, Pa.

Yorke Derrick Co. (For Well Drilling etc),

Washington, Pa.

3711— Derricks (Stiff-Leg)

American Hoist & Derrick Co., St. Paul, Minn.

Bedford Foundry & Machine Co. (Steel), Bedford, Ind.

Boston-Oregon Mast Co., 131 Coleridge, East Boston, Mass.

Brunner & Lay (Portable, Steam or Horse Power), 570 W Polk, Chicago, Ill.

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.

See adv index at end of book

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book***CLYDE IRON WORKS** (Steel, Bull Wheel, etc), Duluth, Minn.*See adv index at end of book*

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

Flory S. Mfg. Co., Bangor, Pa.

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book***LIDGERWOOD MFG. CO.**, 96 Liberty, New York *See adv index at end of book*

Minneapolis Steel & Machinery Co. (Steel or Timber Steel Boom Operated by

"Twin-City," Electric, Gasoline or Steam Hoist), 29th & Drexel, Minneapolis, Minn.

Mitchell-Tappen Co. (Steel), 17 John, New York

Monaghan Machine Co., 2032 Carroll av., Chicago, Ill.

Nashville Bridge Co., Nashville, Tenn.

National Equipment Co., 125 S Racine av., Chicago, Ill.

See adv index at end of book

National Iron Co., Duluth, Minn.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.*See adv index at end of book*

Sasgen Derrick Co. ("Sasgen"), 3101 W Grand av., Chicago, Ill.

See adv index at end of book

South St. Louis Foundry Co., 7514 S Broadway, St. Louis, Mo.

Stroudsburg Engine Works, Stroudsburg, Pa.

Union Elevator & Machine Co., 217 W Ontario, Chicago, Ill.

Williams G. H. Co., Erie, Pa.

3712— Derricks (Sulky)

Channon Jas. H. Mfg. Co. (For Laying Pipe), 227 W Erie, Chicago, Ill.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

3713— Derricks (Tower)

American Hoist & Derrick Co., St. Paul, Minn.

BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y.*See adv index at end of book***CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book***CLYDE IRON WORKS**, Duluth, Minn.*See adv index at end of book*

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*National Equipment Co., 125 S Racine av., Chicago, Ill. *See adv index at end of book***PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.*See adv index at end of book*Sasgen Derrick Co., 3101 W Grand av., Chicago, Ill. *See adv index at end of book**See adv index at end of book*

Dobbie Foundry & Machine Co. Main Office & Works: Niagara Falls, N. Y.

HAYWARD CO., THE (Steel), 50 Church, New York *See adv index at end of book***LIDGERWOOD MFG. CO.**, 96 Liberty, New York *See adv index at end of book*

Link-Belt Co., 39th & Stewart av., Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.

*See adv index at end of book***PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.*See adv index at end of book*

Shannon J. Jacob & Co., 1744 Market, Phila., Pa.

South St. Louis Foundry Co., 7514 S Broadway, St. Louis, Mo.
Terry & Tench Co., 70 E 45th, New York
Williams G. H. Co., Erie, Pa.

3715—*Derricks (Tripod)

New Jersey Foundry & Machine Co., 89 West, New York
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*

3715a—*Designers of Special Tools, Jigs, Fixtures & Dies

John's Stamping & Machine Works Co., Cleveland, O. *See adv index at end of book*
MODERN TOOL, DIE & MACHINE CO., 216-220 N 4th, Columbus O.
See adv index at end of book

3716—*Desk Fittings

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

3717—Desk Mfrs.

Allsteelquip Co., Aurora, Ill.
Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.
Atlanta Table Co. (Office & Typewriter Tables), Atlanta, Ga.
Bagby Furniture Co., Eastern av & Exchange, Baltimore, Md.
Bentley & Gerwig Furniture Co. (Roll Top & Flat), Parkersburg, W. Va.
Browne-Morse Co., Muskegon, Mich.
Capital City Furniture Co., 639 Jackson, St. Paul, Minn.
Central Mfg. Co., 454 Armour, Chicago, Ill.
Clemetsen Co. ("Clemco"), 2607 Flournoy, Chicago, Ill.
Cleveland Metalcraft Co. (Steel), Cleveland, O.
Columbia Lumber & Mfg. Co., Columbia, S. C.
Commercial Furniture Co., 2718 W Superior, Chicago, Ill.
Cutler Desk Co. (Roll & Flat Top), Buffalo, N. Y.
Dearborn Desk Mfg. Co., Marion, Ind.
Derby Desk Co., Somerville, Mass.
Dietz P. J. F. & Co., Cincinnati, O.
Dornette J. & Bro. Co., 1250 Harrison av, Cincinnati, O.
Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
Eckman Furniture Co., Jamestown, N. Y.
Englewood Desk Co., 58th & Lowe av, Chicago, Ill.
Evansville Desk Co., Evansville, Ind.
Fassler Jacob, Utica, N. Y.
Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.
Forest City Furniture Co., Rockford, Ill.
Friederich L. & Bros., St. Louis, Mo.
Globe-Wernicke Co. (Sectional Card Index & Posting), 25 Carthage av, Cleveland, O.
Gunn Furniture Co., Grand Rapids, Mich.
Hale Co., 14 Stone, New York
Haney School Furniture Co., Grand Rapids, Mich.
Hart Mfg. (Typewriter), Findlay, O.
Himmel M. L. & Son, 109 N Frederick av, Baltimore, Md.
Holman R. Co., Chelsea, Mass.
Honeye Falls Furniture Co., Honeye Falls, N. Y.
Horrocks Desk Co., Herkimer, N. Y.
Imperial Desk Co. (Typewriter), Evansville, Ind.
Inner Braced Furniture Co., Elkhart, Ind.
Jasper Desk Co., Jasper, Ind.
Kleeman W. & Co., 479 1st av, New York
Lauter H. Co., W Wabash & Harding, Indianapolis, Ind.
Leopold Desk Co., Burlington, Ia.
Marysville Cabinet Co. ("Queen" Typewriter), Marysville, O.
Michigan Desk Co., Grand Rapids, Mich.
Minneapolis Desk Mfg. Co., Minneapolis, Minn.
Minneapolis Office & School Furniture Co. (School), 801 S. E. 8th, Minneapolis, Minn.
Montgomery Table Works, Montgomery, Pa.
Moon Desk Co. (Roll Flat, Standing & Typewriter), Muskegon, Mich.
Myrtle Desk Co., High Point, N. C.
National Desk Co., Herkimer, N. Y.
Northwestern Furniture Co., 271 W Water, Milwaukee, Wis.
Novelty Wood Works Co., Union City, Pa.

Olsen O. C. S. Co., 2511 Moffat, Chicago, Ill.

Orpin Bros., Charlestown, Boston, Mass.
Peter & Volz Co., Arlington Heights, Ill.
Petersen A. Desk Co., 426 Armour, Chicago, Ill.
Quigley Furniture Co., The (Typewriter), Whitesboro, N. Y.
Quincy Show Case Works, Quincy, Ill.
Roehr Co., Bucyrus, O.
Sargent Mfg. Co. (House & Ladies), Muskegon, Mich.
Schwarzwaelder W. O., Chichester, N. Y.
Shelbyville Desk Co., Shelbyville, Ind.
Standard Furniture Co., Herkimer, N. Y.
Sterling Desk Co., Grand Rapids, Mich.
Tell City Desk Co., Tell City, Ind.
Toledo Desk & Fixture Co., Toledo, O.
Trio Mfg. Co. (Steel), Cleveland, O.
Udell Works (Ladies), Indianapolis, Ind.
Union Furniture & Novelty Co., Warren, Pa.
Valley City Desk Co., Grand Rapids, Mich.
Wagemaker Co., Grand Rapids, Mich.
Weis Mfg. Co., Monroe, Mich.
Western Furniture Co., Blair av & Palm, St. Louis, Mo.
Winnebago Furniture Mfg. Co. (Typewriter), Fond du Lac, Wis.
Winneberger Geo. & Son, 252 S 3d, Phila., Pa.
Winter Co., Sheboygan, Wis.
Witte J. C. Mfg. Co., 30 E Henn av, Minneapolis, Minn.
Yawman & Erb Mfg. Co., Rochester, N. Y.

3718—Desk Slides

STANLEY WORKS (Wrought Steel), New Briton, Conn.
See adv index at end of book
Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.

3719—Desk Swinging Attachments

Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.
Melink Mfg. Co., Toledo, O.
Shelbyville Desk Co., Shelbyville, Ind.
Weis Mfg. Co., Monroe, Mich.

3719a—Desks (Factory & Shipping Room, Steel)

Lyon Metallic Mfg. Co., Aurora, Ill.

Desks (School)

See Furniture, School

3720—Desks (Steel)

See also Bank & Office Fixtures, Metallic
Berger Mfg. Co., Canton, O.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Edwards O. M. Co., Syracuse, N. Y.
General Fireproofing Co. (Allsteel), Youngstown, O.
Lyon Metallic Mfg. Co. ("Lyon" for Factories), Aurora, Ill.
Metal Office Furniture Co., Grand Rapids, Mich.
Steel Furniture Co., Grand Rapids, Mich.
Van Dorn Iron Works Co., Cleveland, O.
Watson Mfg. Co., Jamestown, N. Y.

3721—*Destructors for Municipal Plants

GRISCOM-RUSSELL CO. ("Sterling"), 92 West, New York
See adv index at end of book

Detectors (Fire)

See Alarms, Fire

3722—Detectors (Ground)

GENERAL ELECTRIC CO. (Electrostatic), Schenectady, N. Y.
See adv index at end of book
Brown Instrument Co., Wayne av & Windrim, Phila., Pa.
Steel Glass Co., 622 Locust, Phila., Pa.
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

3722a—Detectors (Marine Ice)

McNab Co. ("Frigidometers"), Bridgeport, Conn.

3723—Detectors (Water Waste)

Builders Iron Foundry ("Venturi"), 9 Coddington, Providence, R. I.
Pitometer Co., 25 Elm, New York

3724—Determinators (Gas Dust)

Sargent Steam Meter Co., 1902 N California, Chicago, Ill.

3725—Detinning Plants

Goldschmidt Detinning Co., 120 B'way, New York. Works: Chrome, N. J.
National Tin Co., 21 Park Row, New York
Vulcan Detinning Co., Sewaren, N. J.

3726—Detonators (Electric)

AETNA EXPLOSIVE CO., Inc., 120 B'way, New York

3727—*Detonators (Time and Electric)

See also Blasting Supplies

du PONT, E. I. De NEMOURS & CO., Wilmington, Del.
For branch offices see adv index at end of book

3728—Devices (Tying)

Tie Co. ("Holdfast" for Clothes Lines, Corn Binders, Shock Compressors, etc), Unadilla, N. Y.

3729—Devulcanizers

See also Vulcanizers, Rubber

BIGGS BOILER WORKS CO., Cast v & Williams, Akron, O.
See adv index at end of book

Clark Edred W., Hartford, Conn.
Farrel Foundry & Machine Co. (Roller), Ansonia, Conn.

THROPP'S JOHN E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

Thropp Wm. R. & Sons Co., Trenton, N. J.

3730—Dextrine

Arabol Mfg. Co. (Jobbers), 100 William, New York
Behrend F. (Imp), 54 Front, New York
Bloede Victor G. Co., Caton av, Baltimore, Md.
Boley C. H. Co. ("Aamcolose"), 3722 N Randolph, Phila., Pa.
Corn Products Refining Co. (Globe), 17 Battery pl, New York
Crystal Springs Paste Co., 70 Kilby, Boston, Mass.
FOX M. EWING CO., 241 E 136th, New York *See adv index at end of book*
Glover Horatio N. & Son, Mattapan, Boston, Mass.
Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*
Klipstein A. & Co., 644 Greenwich, New York
Leyland Thos. & Co., Readville, Boston, Mass.
National Gum & Mica Co. (Domestic or Imported), 502 W 59th, New York
Nicol J. M. & J. S., Hawthorne, N. J.
Scheel Wm. H. (Imp), 159 Maiden la, New York
Stein Hirsh & Co., 111 W Wash, Chicago, Ill.
Tanner Chas. S. Co., 250 So Water, Providence, R. I.
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.
Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

3731—Dials (Clock, Gauge, Scale, Meter, Etc.)

Bridgeport Enamel Dial Co. (Clock, Thermometer, Meter, etc), Bridgeport, Conn.
Du Pont E. I. de Nemours & Co. (The Arlington Works) (Clock), 725-27 B'way, New York
Electro Chemical Engraving Co. (Etched Metal), 450 19th, Brooklyn, N. Y.
Haeusermann Metal Mfg. Co., 1100 Brook av, New York
Manhattan Dial Mfg. Co., 40 Lexington av, Brooklyn, N. Y.
Newark Brass Plate Engraving Co. (Etched Metal), 52 Lawrence, Newark, N. J.

O'Hara-Waltham Dial Co., Waltham, Mass.
Premier Metal Etching Co., 617 E 18th,
New York

Diamonds for Industrial Purposes

See Carbon, Black Diamonds & Bortz

3732—Diamonds (Glaziers')

Crafts Arthur A., 125 Summer, Boston, Mass.
Dickinson Thos. L., 64 Nassau, N. Y.

3733—Diaphragms (Car)

See also Diaphragms, Rubber, etc.

Acme Supply Co. ("Acme"), 28 E Jackson blvd, Chicago, Ill.
Adreon Mfg. Co., Security bldg., St. Louis, Mo.
Mulconroy Co., 54th & Jefferson, Phila., Pa.
Railway Appliance Co. ("Ajax" or "R.A." Vestibule), 122 S Michigan av, Chicago, Ill.

Diaphragms (Carbon)

See Carbon Mfrs.

3734—Diaphragms (Copper)

American District Steam Co., No. Tonawanda, N. Y.

Diaphragms (Pump)

See Diaphragms, Rubber

3735—Diaphragms (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Boston Belting Co., 84 Linden Park st, Boston, Mass.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Continental Rubber Works, Erie, Pa.
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
Empire Tire & Rubber Corp. ("Edison" & High & Low Pressure), East Trenton, N. J. See adv index at end of book
Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Damp-er," "Dumps," "Eames" Vacuum Brake), 126 Duane, New York
Hamilton Rubber Mfg. Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.
Mechanical Rubber Co. (High & Low Pressure, etc), Cleveland, O.
Mercer Rubber Co., Hamilton sq, N. J.
New York Belting & Packing Co., 91 Chambers, New York
New York Rubber Co., Reade & Church, New York
Peerless Rubber Mfg. Co., 31 Warren, New York
Pennsylvania Rubber Co., Jeannette, Pa.
Quaker City Rubber Co., 629 Market, Phila., Pa.
Schacht Rubber Mfg. Co., Huntington, Ind.
Thermoid Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

3735a—Diaphragms (Screen, Paper Makers')

Boston Belting Co., 84 Linden Park, Boston, Mass.

3736—Dibbles

Bateman Mfg. Co., Grenloch, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Johnson Wm. (Heddenberg Works), (Wood Handle & All Iron), Newark, N. J.

3737—Dice

Celluloid Co., 30 Washington pl, New York
Dennison Mfg. Co., 26 Franklin, Boston, Mass.
Kyoto Mfg. & Trading Co., 31 E 17th, New York

3737a—*Dice (Spot, Poker & Blank)

Du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York.

3738—Dichlormethane

Dow Chemical Co., Midland, Mich.

3739—Dicloethylene

Industrial Chemical Co., 200 5th av, New York

3740—Dictographs

Dictograph Co., 220 W 42d, New York

Die Blocks (Steel)

See Steel Crucible

3741—Die Blocks (Vanadium Steel)

Bethlehem Steel Co. (Crucible & Open Hearth), S Bethlehem, Pa.
Carpenter Steel Co. (Crucible & Open Hearth), Reading, Pa.
Crucible Steel Co. of America (Crucible & Open Hearth), Pittsburgh, Pa.
Cyclops Steel Works (Crucible), Titusville, Pa.
Hammond Steel & Forging Co. (Crucible & Open Hearth), Solway, N. Y.
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
Titusville Forge Co., Titusville, Pa.
Vanadium Alloys Steel Co. (Crucible), Latrobe, Pa.

3742—Die Castings

See Castings, Die Cast

3743—*Die Pressed Metal

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book

3744—Die Sinkers

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book
Ellwood City Forge Co., Ellwood City, Pa.
Frank Aug. C., 732 Sansom, Phila., Pa.
Hart H. C. Mfg. Co., Unionville, Conn.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Jefferson Christ. D., 25 N 7th, Phila., Pa.
Johnson D. E. Co., 140 William, New York
Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.
Keller Pneumatic Tool Co., Fond du Lac, Wis.
Kersting J. H., 75 Fulton, New York
Konigsloew E. Stamping & Tool Works, Cleveland, O.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. See adv index at end of book
Mayer Geo. J. & Co., Indianapolis, Ind.
Moise-Klinkner Co., 1212 Market, San Francisco, Cal.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Ness Geo. M. Jr., 61 Fulton, New York
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
Perkins Machine Co., Warren, Mass.
Pietz Adam, 1011 Chestnut, Phila., Pa.
Richard Mfg. Co., Bloomsburg, Pa.
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
Sloan & Chase Mfg. Co., 351 6th av, New York, N. J.
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
Wagenfohr Chas. Sr., 140 W B'way, New York
Walter N. C. & Sons, 3 Park row, New York
Willemmin Mfg. Co. Inc., 181 Eddy, Providence, R. I.

3745—Die Stocks

See Stocks & Dies; also Pipe Cutting & Threading Machines

3746—*Dies (Adjustable)

See also Dies, Adjustable Expanding
GREENFIELD TAP & DIE CORP.
("Little Giant," "Lightning," "Green River" & "G. T. D." Round), Greenfield, Mass. See adv index at end of book

3747—Dies (Adjustable Expanding)

AMERICAN TAP & DIE CO. ("Adamantine" & "Eagle Brand," Solid "Acme" twopiece), Greenfield, Mass.
See adv index at end of book
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.
BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book

BORDEN CO., THE, Warren, O.

See adv index at end of book
Card S. W. Mfg. Co. (Round), Mansfield, Mass.
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
Gardam Wm. & Son, 114 Park pl, New York
GREENFIELD TAP & DIE CORP. (Wells Bros. Co. & Wiley & Russell Mfg. Co. Divisions) ("Little Giant" for Hand or Machine Use, "Lightning," "Green River" & "G. T. D." Round), Greenfield, Mass. See adv index at end of book
Inland Machine Works, 800 Mound, St. Louis, Mo.
Leffler Chas. & Co., 59 Clymer, B'klyn, N. Y.
See adv index at end of book
Modern Tool Co. (Self-Opening), 500 State, Erie, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Perkins Machine Co., Warren, Mass.
Pratt & Whitney Co., Hartford, Conn.
Saunders D. Sons, Yonkers, N. Y.
Standard Machinery Co., Providence, R. I.
Superior Tap Co., Charlestown, N. H.
Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.
Wells F. E. & Son Co. ("O. K."), Greenfield, Mass.
Winter Bros. Co. (Round), Wrentham, Mass.

3748—*Dies (Armature-Disk Cutting)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book

3749—Dies (Automatic)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book
Columbia Metal Stamping Co., Cleveland, Ohio
Gardam Wm. & Son, 114 Park pl, New York
Geometric Tool Co. ("Geometric" Self-Opening & Adjustable), New Haven, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Ideal Tool & Specialty Co., 5211 Prospect av, Cleveland, O.
Jones & Lamson Machine Co. ("Hartness"), Springfield, Vt.
Landis Machine Co., Waynesboro, Pa.
Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. See adv index at end of book
Meyer W. F. Diamond Saw Co., Bedford, Ind.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.
Modern Tool Co., 500 State, Erie, Pa.
Perkins Machine Co., Warren, Mass.
Scott & Sons Co. (Expanding), Medford, Mass.
Standard Machinery Co., Providence, R. I.
Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
V. & O. Press Co., Dry Hrbr rd, Glendale Station, N. Y.

3750—*Dies (Automobile)

Acklin Stamping Co., 1659 Dorr, Toledo, O.
See adv index at end of book
GREENFIELD TAP & DIE CORP. (Smart A. J. Mfg. Co., Wells Bros. Co. & Wiley & Russell Mfg. Co. Divisions), ("Little Giant," "Lightning," "Green River" & "G. T. D." Standard Threads), Greenfield, Mass.
See adv index at end of book

When writing to firms whose names appear in this book please mention

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THE MODERN TOOL, DIE & MACHINE COMPANY COLUMBUS, OHIO

McDowell Mfg. Co., Home Trust bldg.
Pittsburgh, Pa.
MODERN TOOL, DIE & MACHINE CO.,
216-220 N Fourth, Columbus, O.
See adv index at end of book

3750a— *Dies (Bending)

Modern Tool, Die & Machine Co., 216-220
N Fourth, Columbus, O.
See adv index at end of book

3751— Dies (Bell)

See also Dies, Punching

Cyclops Foundry Co., Union Bank bldg.
Pittsburgh, Pa.
Pittsburgh Iron & Steel Foundries Co.,
Midland, Pa.

3751a— *Dies (Bit Brace)

GREENFIELD TAP & DIE CORP. ("G.
T. D."), Greenfield, Mass.
See adv index at end of book

3752— Dies (Blacksmiths')

Champion Blower & Forge Co., Lancas-
ter, Pa.

3753— *Dies (Blanking)

See also Dies, Punching

BLISS E. W. CO. (For Sheet Metal), 19
Adams, Brooklyn, N. Y.
See adv index at end of book

GASKET SUPPLY CO. (For all kinds of
Sheet Metal Work), 1927 Ludlow,
Phila., Pa. *See adv index at end of book*
Modern Tool, Die & Machine Co., 216-220
N Fourth, Columbus, O.
See adv index at end of book

NIAGARA MACHINE & TOOL WORKS,
Buffalo, N. Y.
See adv index at end of book

3754— Dies (Bolt Cutter)

Pratt & Whitney Co. ("Grant"), Hart-
ford, Conn.

3755—Dies (Bolt Threading, Solid, Etc.)

AMERICAN TAP & DIE CO. ("Eagle
Brand," Solid), Greenfield, Mass.
See adv index at end of book

ARMSTRONG MFG. CO. ("Armstrong,"
Adjustable Bolt Threading), 278
Knowlton, Bridgeport, Conn.
See adv index at end of book

Bay State Tap & Die Co. ("Bay State"
Machine or Solid Bolt), Mansfield,
Mass.

Bignall & Keeler Machine Works (For
Use in "B & K" Machines Only), Ed-
wardsville, Ill.

Brown H. B. Co., East Hampton, Conn.
Brubaker W. L. & Bros. (Solid), Millers-
burg, Pa.

Card S. W. Mfg. Co. (Machine or Solid),
Mansfield, Mass.

Carpenter J. M. Tap & Die Co. (Solid
Boynton & Plummer), Pawtucket,
R. I.

GREENFIELD TAP & DIE CORP'
("Little Giant," "Lightning," "Green
River," "G. T. D." Round, Solid,
Square & Hexagon), Greenfield, Mass.
See adv index at end of book

Landis Machine Co., Waynesboro, Pa.
Milwaukee Metal Working Co., 383 Clinton,
Milwaukee, Wis.

Morse Twist Drill & Machine Co., New
Bedford, Mass.

Polk A. J. & Son, Millersburg, Pa.
Reed Mfg. Co., Erie, Pa.

Standard Tool Co., 6900 Central av, Cleve-
land, O.

Superior Tap Co., Charleston, N. H.
Webster & Perks Tool Co., Springfield, O.
Wells F. E. & Son Co. ("O K"), Green-
field, Mass.

Winter Bros. Co. ("Thistle"), Wrentham,
Mass.

3756— Dies (Box Printing)

American Name Plate Co., 352 Atlantic
av, Boston, Mass.

Becker August Engraving Co., 247 Atlan-
tic av, Boston, Mass.

Borgstrom G. J., 224 S Canal, Chicago,
Ill.

Dickey-Grabler Co., 118 Noble ct, Cleve-
land, O.

Fries Anthony J., 717 Sycamore, Cincin-
nati, Ohio

Grammes L. F. & Sons, Allentown, Pa.
Koehler Henry L. Mfg. Co., Louisville,
Ky.

Matthews James H. & Co. (Brass & Rub-
ber), 3942 Forbes, Pittsburgh, Pa.
Mayer Geo. J. & Co., Indianapolis, Ind.

Moise-Klinkner Co., 1212 Market, San
Francisco, Cal.

Mooney & Bueter, 507 W Jackson blvd,
Chicago, Ill.

Murdock W. J. Co., 116 Opera pl, Cin-
cinnati, Ohio

Northwestern Stamp Works, 110 E 3rd, St.
Paul, Minn.

Schridde Wm., 358 W Madison, Chicago,
Ill.

Schwerdtle Stamp Co., 43 Cannon, Bridge-
port, Conn. *See adv index at end of book*

Spencer S. M. Mfg. Co., 9 Cornhill, Bos-
ton, Mass.

3757—Dies (Brick & Clay Work- ers')

American Clay Machinery Co., S. Walnut,
Bucyrus, O.

CROSSLEY MACHINE CO., State &
Chestnut av, Trenton, N. J.
See adv index at end of book

Fernholtz Brick Machinery Co., Boyle &
Vandeventer av, St. Louis, Mo.

Louisville Machine Co., Louisville, O.
Model Machine Works (Hilmar Mueller,
Prop), Trenton, N. J.

Steele J. C. & Sons, Statesville, N. C.

Stevenson Co., Wellsville, O.

3758— Dies (Button)

Defiance Button Machine Co., 43 W 24th,
New York

Hoffecker Co., 222 Elliot, Boston, Mass.

Markels Leonard, 165 William, New York

3759— Dies (Can Makers')

Adriance Machy. Works, 254 Van Brunt,
Brooklyn, N. Y.

Ams Max Machine Co. ("Ams"), Bridge-
port, Conn.

Ayars Machine Co., Salem, N. J.

BLISS E. W. CO. (For Sheet Metal), 19
Adams, Brooklyn, N. Y.
See adv index at end of book

Kirkman Die & Tool Works, Denver,
Colo.

Konigslow Otto Mfg. Co., 3506 Perkins
av, Cleveland, O.

Lees John, Indianapolis, Ind.

Leffler Chas. & Co., 59 Clymer, Brooklyn,
N. Y. *See adv index at end of book*

McCall Machine Works, Rochester, N. Y.

Matthews James H. & Co. (Semi-Auto-
matic), 3942 Forbes, Pittsburgh, Pa.

Ranz Stamping Tool Co., 1509 N Broad-
way, St. Louis, Mo.

Seattle-Astoria Iron Works, Seattle, Wash.

Stecher Chas. Co., 1580 Crossing, Chicago,
Ill.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St.
Louis, Mo.

Wold, Torris & Co., 240 N Ashland av,
Chicago, Ill.

3760—Dies (Chilled Hammer)

American Brake Shoe & Foundry Co.
(Steel), 332 S Michigan av, Chicago,
Ill.

Birdsboro Steel Foundry & Machine Co.,
Birdsboro, Pa.

BUFFALO FOUNDRY & MACHINE CO.,
65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Marchant Geo. F. Co., 1420 S Rockwell,
Chicago, Ill.

Philadelphia Roll & Machine Co. (Cast
Iron), 23rd & Washington av, Phila-
delphia, Pa.

Youngtown Foundry & Machine Co.,
Youngtown, O.

3760a—*Dies (Chilled Iron)

Philadelphia Roll & Machine Co., 23rd &
Washington av, Philadelphia, Pa.

3761—Dies (Compression Rivet)

Marchant Geo. F. Co., 1420 S Rockwell,
Chicago, Ill.

3762— Dies (Corrugated)

Independent Die Co., Brockton, Mass.

3763— Dies (Cutting)

Adams John J. (For Leather, Cloth, Rub-
ber, Paper, etc), Worcester, Mass.

Adriance Machine Works, 254 Van Brunt,
Brooklyn, N. Y.

American Machine Works, Omaha, Neb.

Baird Machine Co., Bridgeport, Conn.

Barrett Bros., 43 Haverhill, Boston, Mass.

Baxendale, Whittlesey & Cummings, Ro-
chester, N. Y.

Beaudry T. J. & Son, Marlboro, Mass.

Bender Ph. J. & Sons, 87 Frankfort, New
York

Bettcher Mfg. Co., 6120 Clark av S W,
Cleveland, O.

BLISS E. W. CO. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
See adv index at end of book
 Brockton Die Co., Brockton, Mass.
 Butterfield & Co., Derby Line, Vt.
 Callaghan Machine & Die Co., Canton, O.
 Carpenter L. A. Press Metal Co. ("Van," "O. W."), Cambridge, Mass.
 Columbia Metal Stamping Co., Cleveland, Ohio
 Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
 Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
 Crown Die & Tool Co., 555 W Monroe, Chicago, Ill.
 Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
 Dewes John-Gumbs Die Co. (For Paper, Envelopes, Shirts, Pocketbooks, Fabrics, etc), 403 Broome, New York
 Dickey-Grabler Co., 118 Noble ct, Cleveland, O.
 Duplexo Metal Stamping Co., 431 Kent av, Brooklyn, N. Y.
See adv index at end of book
 Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
 Gardam Wm. & Son, 114 Park pl, New York
GASKET SUPPLY CO., 1937 Ludlow, Phila., Pa. *See adv index at end of book*
GEM MFG. CO. (For Flat & Drawn Work in Steel & Brass), Goebel near Fulton N S, Pittsburgh, Pa.
See adv index at end of book

DIES (CUTTING)



For Flat and Drawn Work in Steel and Brass.

GEM MFG. CO., Pittsburgh, Pa.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
 Grammes L. F. & Sons, Allentown, Pa.
 Griswold George M. Machine Co., New Haven, Conn.
 Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.
 Hibbard W. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
 Hofferer Co., 222 Elliot, Boston, Mass.
 Hoggson & Pettis Mfg. Co. (Paper, Cloth & Rubber), New Haven, Conn.
 Ideal Tool & Specialty Co., 5211 Prospect av, Cleveland, O.
 Independent Die Co. (For Leather, Cloth, Paper, Rubber, etc), Brockton, Mass.
 Indianapolis Tool & Mfg. Co., Indianapolis, Ind.
 Inland Machine Works, 800 Mound, St. Louis, Mo.
 John's Stamping & Machine Works Co., Cleveland, O.
See adv index at end of book
 Kerkman Die & Tool Works, Denver, Colo.
 Knox J. E. & Co., Lynn, Mass.
 Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
 Lees John, Indianapolis, Ind.
 Loyd Jno. Co., 558 Water, New York
 Long Adam A., Rochester, N. Y.
 Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.
 Loy & Nawrath, 25 Runyon, Newark, N. J.
 McCulloch A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book
 Mayer Geo. J. & Co., Indianapolis, Ind.
 Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.
 Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.
 Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
 National-Acme Mfg. Co. ("Namco"), 7500 Stanton av S E, Cleveland, O.
 Nelson Blower Furnace Co., L. & Elkins, Boston, Mass.
 Nelson Tool Co., 781 E 142nd, New York
 Nestor Mfg. Co., 40 W 13th, New York
 New York Die-White-Schroeder Co., 245 Center, New York

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
 Nye Tool & Machine Works, 108 N Jefferson, Chicago, Ill.
 Osborne C. S. & Co. (For Cloth, Leather & Paper), Harrison, N. J.
 Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Perkins Machine Co., Warren, Mass.
 Phila. Cons. Die Co., 327 Race, Phila., Pa.
 Pratt & Whitney Co., Hartford, Conn.
QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book
 Randall J. D. Co. (Leather Cutting), 610 W Court, Cincinnati, O.
 Ranz Stamping Tool Co., 1509 N Broadway, St. Louis, Mo.
 Richard Mfg. Co., Bloomsburg, Pa.
 Rochester Cutting Die Co., Rochester, N. Y.
 Rock River Machine Co., Janesville, Wis.
 Ross-Moyer Mfg. Co., Cincinnati, O.
 S-P Manufacturing Co., 872 E 72nd, Cleveland, O.
 Schatz Mfg. Co., Poughkeepsie, N. Y.
 Schley Fred'k & Co., 59 Beekman, New York
 Schlueter A. & Co., 297 Washington, Newark, N. J.
 Seekamp H. D. Machine Co., St. Louis, Mo.
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
 Standard Machinery Co., Providence, R. I.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Steel Products Engineering Co., Springfield, O.
 Stoll D. H. Co., Buffalo, N. Y.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Superior Die Tool & Machine Co., Columbus, O.
 Superior Tap Co., Charlestown, N. H.
 Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
 Toledo Machine & Tool Co., Toledo, O.
 Universal Machine & Tool Co., Canton, O.
 Van Pelt Geo. H. (for Leather), 440 W Huron, Chicago, Ill.
 Verdin Kappes & Verdin Co., Cincinnati, Ohio
 V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.
 Webster & Perks Tool Co., Springfield, O.
 Wells F. E. & Son Co. ("O K"), Greenfield, Mass.
 Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.
 Willemink Mfg. Co. Inc., 181 Eddy, Providence, R. I.
 Wisconsin Metal Products Co., Racine, Wis.
 Wooten & Peckworth, 1122 Hamilton, Phila., Pa.

3764—Dies (Diamond)

Balloffet-Baszanger Die Co., 108 Fulton, New York
 Mendes Cutting Factories ("Mendes"), 12 John, New York

3765—Dies (Drawing)

Bauroth E. F., Toledo, O.
 Bettcher Mfg. Co., 6120, Clark av, S. W., Cleveland, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Columbia Metal Stamping Co., Cleveland, Ohio
 Columbus Die, Tool & Machine Co. (For Lamp Work, etc), 955 Cleveland av, Columbus, O.
 Crown Hardware Mfg. Co. (Automobile Body), 1101-21 E Second, Dayton, O.
 Ideal Tool & Specialty Co., 5211 Prospect, Cleveland, O.
 Lansing Stamping & Tool Co., Lansing, Mich.
 Lees John, Indianapolis, Ind.
 Lindell Die & Tool Co., Lansing, Mich.
 Long Adam A., Rochester, N. Y.
 McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.
 Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book
 Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
 Nelson Tool Co., 781 E 142d, New York
 Pressed Steel Co., Wilkes-Barre, Pa.

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
 Stein Wm. P. & Co., Rochester, N. Y.
 Thatcher-Rueter Mfg. Co., Cleveland, O.
 Wade Machine Co., 817 Albany, Boston, Mass.
 Western Stay Works, Muskegon, Mich.

3766—Dies (Drawing, Triple Action)

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book
 Willemink Mfg. Co. Inc., 181 Eddy, Providence, R. I.

3767—Dies (Drop Forging)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Champion Machine & Forging Co., Cleveland, O.
 Crucible Steel Co. of America, Pittsburgh, Pa.
 Hartford Drop Forge Co., Hartford, Conn.
 Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
 Hollander & Johnson, Worcester, Mass.
 Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.
 Lindell Die & Tool Co., Lansing, Mich.

3768—Dies (Electro-Plating)

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

3769—Dies (Embossing)

American Name Plate Co., 352 Atlantic av, Boston, Mass.
 Becker August Engraving Co., 247 Atlantic av, Boston, Mass.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Columbia Metal Stamping Co., Cleveland, Ohio
 Dickey-Grabler Co., 118 Noble ct, Cleveland, O.
 Gardam Wm. & Son, 114 Park pl, New York
GASKET SUPPLY CO., 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book
 Grammes L. F. & Sons, Allentown, Pa.
 Hibbard W. H. Mfg. Co., 79 Wash, Brooklyn, N. Y.
 Kersting J. H., 75 Fulton, New York
 Kirkman Die & Tool Works, Denver, Colo.
 Konigslow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
 Leffler Chas & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
 Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.
 Mayer Geo. J. & Co., Indianapolis, Ind.
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
 Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.
 Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
 Ringler F. A. Co. (Leather), 39 Barclay, New York
 Schroder & Lombard Engraving Co., 261 Canal, New York.
 Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn.
See adv index at end of book
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.
 Standard Machinery Co., Providence, R. I.
 Stein Wm. P. & Co., Rochester, N. Y.
 Superior Die Tool & Machine Co., Columbus, O.
 Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
 Taylor-Shantz Co., Rochester, N. Y.

3770—Dies for Crushing Machinery

Standard Steel Works Co., Morris bldg, Phila., Pa.

3771—*Dies for Metal Ceilings

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

3772—Dies (Forming)

See Dies, Stamping

3773— *Dies (Gas Fixture)

AMERICAN TAP & DIE CO. (Taps & Dies), Greenfield, Mass.
See adv index at end of book

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3774— Dies (Glove Cutting)

See Glove Machinery

3775— Dies (Jewelers)

Crucible Steel Co. of Amer., Pittsburgh, Pa.

3776—*Dies (Machine or Solid Bolt)

GREENFIELD TAP & DIE CORP. ("Little Giant," "Lightning," "Green River" & "G. T. D."), Greenfield, Mass.
See adv index at end of book

3776a— *Dies (Metric)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

3777— Dies (Notching)

Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Rock River Machine Co., Janesville, Wis.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

3778— Dies (Opening)

Acme Machinery Co., Cleveland, O.
Cox & Sons Co., 5th & Chestnut, Phila., Pa.
Errington F. A. (Automatic), 39 Cortlandt, New York.
Geometric Tool Co. ("Geometric" Self-Opening), New Haven, Conn.
GREENFIELD TAP & DIE CORP. ("Wells Self-Opening" for Machines), Greenfield, Mass. *See adv index at end of book*
Jones & Lamson Machine Co. ("Hartness" Automatic), Springfield, Vt.
Modern Tool Co., 500 State, Erie, Pa.
Murchey Machine & Tool Co. ("Murchy," Automatic), Detroit, Mich.
National-Acme Mfg. Co. ("Namco"), 7500 Stanton av S E, Cleveland, O.
National Machinery Co., Tiffin, O.
Perkins Machine Co., Warren, Mass.
Pratt & Whitney Co., Hartford, Conn.
Russell Mfg. Co., Greenfield, Mass.
Stoll D. H. Co., Buffalo, N. Y.

Dies (Piercing)

See Dies, Punching

3779—Dies (Pipe Threading)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.
See adv index at end of book

ARMSTRONG MFG. CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.
See adv index at end of book

Ashcroft Mfg. Co., 119 W 40th, New York
Bignall & Keeler Machine Works (For Use in "B & K" Machines Only), Edwardsville, Ill.

BORDEN CO., THE ("Beaver"), Warren, Ohio *See adv index at end of book*

Brubaker W. L. & Bros. (Solid Gas Pipe), Millersburg, Pa.

Card S. W. Mfg. Co. ("Smith," Adjustable, etc), Mansfield, Mass.

Carpenter J. W. Tap & Die Co., Pawtucket, R. I.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book
Crown Die & Tool Co., 555 W Monroe, Chicago, Ill.

Curtis & Curtis Co., Bridgeport, Conn.

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.
See adv index at end of book

Handy Mfg. Co., Bridgeport, Conn.

Hart Mfg. Co. ("Duplex," "Buckeye"), Cleveland, O.

Landis Machine Co., Waynesboro, Pa.
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.

Morse Twist Drill & Machine Co. (Solid), New Bedford, Mass.

Murchey Machine & Tool Co., Detroit, Mich.

National Pipe Die & Machine Co. ("Three-In-One"), Archbold, O.

Nye Tool & Machine Works ("Nye"), 108 N Jefferson, Chicago, Ill.

Polk A. J. & Son, Millersburg, Pa.

Pratt & Whitney Co., Hartford, Conn.

Reed Mfg. Co. ("Armstrong Pattern"), Erie, Pa.

Saunders D. Sons, Yonkers, N. Y.

Superior Tap Co., Charlestown, N. H.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.

Walworth Mfg. Co. ("Hill's"), Boston, Mass.

Wells E. F. & Son Co. ("Economy," "O. K.," "Wells"), Greenfield, Mass.

Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3780— Dies (Porcelain)

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

Logan Edw. Machine Co., Trenton, N. J.

Model Machine Works, Trenton, N. J.

Mycock Machine Works, Trenton, N. J.

3781— Dies (Pottery)

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book

Ivens Wm. H. Sons Co. ("Ivens"), P. O. Box 647, Trenton, N. J.

Dies (Press)

See Dies, Punching

3782— Dies (Punching)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*

American Machine Works, Omaha, Neb.

American Metal Works, Armat & Heiskel, Gtn., Phila., Pa.

Ams Max Machine Co. ("Ams" For Can Makers), Bridgeport, Conn.

Badger State Machine Co., Janesville, Wis.

Baird Machine Co., Bridgeport, Conn.

Bauroth E. F., Toledo, O.

Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.

Bliss E. C. Mfg. Co., 73 Page, Providence, R. I.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Callaghan Machine & Die Co., Canton, O.

Cannon T. J. & Sons Machine Co., Lynn, Mass.

Carpenter L. A. Press Metal Co., Cambridge, Mass.

Christe-Kline Forge Co., Detroit, Mich.

Cleveland Metal Stamping Co., Cleveland, Ohio

Cleveland National Machine Co., 1354 W 70th, Cleveland, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

Cleveland Steel Tool Co., Cleveland, O.

Columbia Metal Stamping Co., Cleveland, Ohio

Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.

Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.

Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.

Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.

Dickey-Grabler Co., 118 Noble, Cleveland, Ohio

Duncan Co., Toledo, O.

Duplexo Metal Stamping Co., 431 Kent av, Brooklyn, N. Y.

See adv index at end of book

Eagle Stamping Co., 1400-1410 Niagara, Buffalo, N. Y.

Gardam Wm. & Son, 114 Park pl, New York

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Gooley & Edlund, Cortland, N. Y.

Grammes L. F. & Sons, Allentown, Pa.
Grand Rapids Brass Co. (For Sheet Metal), Grand Rapids, Mich.

Hammond Steel & Forging Co. (Forged), Solvay, N. Y.

Hanson Tool & Die Co., Detroit, Mich.

Harry Bros. Mfg. Co., 282 Woodbridge, E. Detroit, Mich.

Hatheway Mfg. Co., Bridgeport, Conn.

Hibbard W. H. Mfg. Co., 79 Wash., Brooklyn, N. Y.

Hoeft & Co., 1600 W Kinzie, Chicago, Ill.

Hoffecker Co., 222 Eliot, Boston, Mass.

Ideal Tool & Specialty Co., 5211 Prospect av, N W, Cleveland, O.

Inland Machine Works, 800 Mound, St. Louis, Mo.

John's Stamping & Machine Works Co., Cleveland, O.

See adv index at end of book

Keller Pneumatic Tool Co., Fond du Lac, Wis.

Kirkman Die & Tool Works, Denver, Colo.

Konigslo Otto Mfg. Co., 3506 Perkins av, Cleveland, O.

Lake Erie Forging Co. (Forged), Cleveland, O.

Lees John, Indianapolis, Ind.

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Lewes Machine Co., 830 Long av, Cleveland, O.

Lindell Die & Tool Co., Lansing, Mich.

Long Adam A., Rochester, N. Y.

Loshbough-Jordan Tool & Machine Co., 159 E Marion, Elkhart, Ind.

Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.

Lundgren John & Co., Detroit, Mich.

McCall Machine Works, Rochester, N. Y.

McCulloch A. P. Machine Co., 216 High, Boston, Mass.

See adv index at end of book

Machine Mfg. & Engineering Co., Council Bluffs, Ia.

Mailometer Co., 1093 Jefferson av, E, Detroit, Mich.

Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.

Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.

Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.

MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.

See adv index at end of book

Mossberg Frank Co. (For Metal work), Attleboro, Mass.

Nestor Mfg. Co., 40 W 13th, New York

New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.

See adv index at end of book

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

Peck, Stow & Wilcox Co., Southington, Conn.

Perkins Machine Co., Warren, Mass.

Pittsburgh Iron & Steel Foundries Co. ("Adammite"), Midland, Pa.

Pollard Engineering Co., 169 N Jefferson, Chicago, Ill.

Pratt & Whitney Co., Hartford, Conn.

QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.

See adv index at end of book

Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.

Richards I. P. Co., 23 Pemberton, Providence, R. I.

Robinson Tool Works, Waterbury, Conn.

Rock River Machine Co., Janesville, Wis.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.

Saunders Co., 519 Southwest blvd, Kansas City, Mo.

Sheffield Machine & Tool Co., Dayton, O.

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

Smith Thos. Co., Worcester, Mass.

Standard Die & Stamping Co., 631 Penn av, Pittsburgh, Pa.

Stein Wm. P. & Co., Rochester, N. Y.

Stevens Mfg. Co., Dale av, Dayton, O.

Stoll D. H. Co., Buffalo, N. Y.

Superior Die Tool & Machine Co., Columbus, O.

Superior Metal Products Co., Elyria, O.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

Tanner-Hower Mfg. Co., Akron, O.

Taylor-Shantz Co., Rochester, N. Y.

Thatcher-Reuter Mfg. Co., Cleveland, O.
Tucker Chas. E. Mfg. Co., York, Pa.
V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.
Verdin, Kappes & Vedin Co., Cincinnati, O.
Walker Bros., Syracuse, N. Y.
Webster & Perks Tool Co., Springfield, O.
Weiss L. T., 286 Taaffe pl, Brooklyn, N. Y.
Willemin Mfg. Co. Inc., 181 Eddy, Providence, R. I.
Winkelman Louis & Co., 213 Lawrence, Cincinnati, O.
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

3783— Dies (Ring)

Duncan Co., Toledo, O.
Lake Erie Forging Co. (Forged), Cleveland, O.
Railway Steel Spring Co. (Forged) or Rolled Steel for Griffin Mills, etc), 30 Church, New York

3784—*Dies (Round, Adjustable)

GREENFIELD TAP & DIE CORPN.
("G. T. D." for Bolt & Pipe), Greenfield, Mass. *See adv index at end of book*

3785— Dies (Round Blanking)

See Dies, Cutting; also Dies, Stamping

3786—Dies (Round Corner Card Cutting)

Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.

3787— Dies (Rubber)

Adams John J. (Cutting), Worcester, Mass.
Adamson Machine Co., Akron, O.
Barbour Bros. (Cutting), Trenton, N. J.
Beaudry T. J. & Son (Cutting), Marlboro, Mass.
Bridgewater Machine Co., Akron, O.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Knox J. E. & Co. (Cutting), Lynn, Mass.
Logan Edw. Machine Co., Trenton, N. J.
Loshbough-Jordan Tool & Machine Co. 159 E Marion, Elkhart, Ind.
Mahlow & Wyckoff, Trenton, N. J.
Phila. Cons. Die Co., 327 Race, Phila., Pa.
Williams Foundry & Machine Co. of Ohio, Akron, O.

3788— Dies (Sack Printing)

Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.

3789—Dies (Sand Belt Splicing)

Mattison C. Machine Works, Beloit, Wis.

3790— Dies (Screw Cutting)

See also Screw Plates

Bay State Tap & Die Co. ("Bay State"), Mansfield, Mass.
BORDEN CO. THE, Warren, O.
See adv index at end of book
Butterfield & Co., Derby Line, Vt.
Card S. W. Mfg. Co., Mansfield, Mass.
Cleveland Die & Mfg. Co. (Or Thread Rolling), Cleveland, O.
Geometric Tool Co. ("Geometric," Self-Opening & Adjustable), New Haven, Conn.
GREENFIELD TAP & DIE CORPN
("Little Giant," "Lightning," "Green River" & "G. T. D."), Greenfield, Mass. *See adv index at end of book*
Hart Mfg. Co. ("Duplex," "Buckeye"), Cleveland, O.
Hjorth Lathe & Tool Co. (Adjustable), 27 School, Boston, Mass.
Ideal Tool & Mfg. Co. (Self-Opener), Beaver Falls, Pa.
Ideal Tool & Specialty Co., 5211 Prospect av, Cleveland, O.
Landis Machine Co., Waynesboro, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National-Acme Mfg. Co. ("Namco"), 7500 Stanton av, S E Cleveland, O.
Pratt & Whitney Co. ("Woodbridge"), Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Tap Co., Charlestown, N. H.
Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.

Wells F. E. & Son Co. ("O. K."), Greenfield, Mass.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

3791— Dies (Self-Opening)

See also Dies, Opening

Allen Chas. G. Co. ("Diamond"), Barre, Mass.
GREENFIELD TAP & DIE CORPN.
("Wells' Self-Opening"), Greenfield, Mass. *See adv index at end of book*
Hannifin Mfg. Co. ("Hannifin"), 621 S Kolmar av, Chicago, Ill.
Ideal Tool & Mfg. Co., Beaver Falls, Pa.
Modern Tool Co. ("Wallace's," "Adjustable"), 500 State, Erie, Pa.
National Acme Mfg. Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.

3792— Dies (Sewer Pipe)

American Clay Machinery Co., S Walnut, Bucyrus, O.

3793—Dies (Sheet Metal Working)

See Dies, Stamping

3794— Dies (Soap)

Fries Anthony J., 717 Sycamore, Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
Houchin-Alken Co., 113 53d, Brooklyn, N.Y.
Mooney & Bueter, 507 W Jackson blvd, Chicago, Ill.
Schridde Wm., 358 W Madison, Chicago, Ill.
Sowers Mfg. Co., Buffalo, N. Y.

3795— Dies (Solid)

Card S. W. Mfg. Co. (Machine or Bolt & Square Pipe), Mansfield, Mass.
Crane Co., Bridgeport, Conn.
Crown Die & Tool Co. ("Crown"), 555 W Monroe, Chicago, Ill.
GREENFIELD TAP & DIE CORPN.
("G. T. D." Round, Square & Hexagon for Bolt & Pipe), Greenfield, Mass. *See adv index at end of book*
Modern Tool Co. (Adjustable), 500 State, Erie, Pa.
Morse Twist Drill & Machine Co. (For Boynton & Plummer's Bolt Cutters & for Pipe), New Bedford, Mass.
Pratt & Whitney Co. ("Giant" Adjustable), Hartford, Conn.
Standard Tool Co., 6900 Central av, Cleveland, O.
Superior Tap Co., Charlestown, N. H.

3796— Dies (Solid Bolt)

See Dies, Bolts, Threading

3797— *Dies (Solid Hexagon)

GREENFIELD TAP & DIE CORPN.
("G. T. D."), Greenfield, Mass. *See adv index at end of book*

3798—Dies (Spring or Prong)

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.
GREENFIELD TAP & DIE CORPN.
("G. T. D." & "Acorn"), Greenfield, Mass. *See adv index at end of book*
National Acme Mfg. Co. ("Namco"), 7500 Stanton av, S E, Cleveland, O.
Standard Tool Co., 6900 Central av, Cleveland, O.

3799— Dies (Stamping)

Acme Mfg. Co., 355 Howard, Detroit, Mich.
Acme Tool & Die Co., Syracuse, N. Y.
Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
AMERICAN CAN CO. (Machy. Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book
American Machine Works, Omaha, Neb.
American Metal Works, Armat & Heiskel, Gtn., Phila., Pa.
American Tube & Stamping Co., Bridgeport, Conn.
Anderson Machine & Foundry Co., Anderson, S. C.
Auto Plating & Mfg. Co., Cleveland, O.
Baird Machine Co., Bridgeport, Conn.
Bauroth E. F., Toledo, O.
Bender Ph. J. & Sons, 87 Frankfort, New York
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Breil Robt Machinery Co., St. Louis, Mo.
Brown F. S. & G. L. Machine Co., 26 E Fort av, Baltimore, Md.
Callaghan Machine & Die Co., Canton, O.
Canton Foundry & Machine Co. (For Sheet Metal), Canton, O.
Carpenter L. A. Press Metal Co., Cambridge, Mass.
Cassaday Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
Cleveland Metal Stamping Co., Cleveland, Ohio
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.
Columbia Metal Stamping Co., 1536 E 49th, Cleveland, O.
Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.
Consolidated Press Co., Hastings, Mich.
Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.
Crescent Novelty Mfg. Co., 708 S B'way, St. Louis, Mo.
Crown Hardware Mfg. Co., 1101-21 E 2nd, Dayton, Ohio
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
Dickey-Grabler Co., 118 Noble ct, Cleveland, O.
Duncan Co., Toledo, O.
Duplexo Metal Stamping Co., 431 Kent av, Brooklyn, N. Y.
See adv index at end of book
Eagle Mfg. Co., Blue Rock & Turrill, Cincinnati, O.
Eagle Stamping Co., 1400-1410 Niagara, Buffalo, N. Y.
ELMES CHAS. F. ENGINEERING WKS. (INC.), cor Fulton & N Sangamon, Chicago, Ill. *See adv index at end of book*
Feltus & Donegan, 1410 Kansas av, Kansas City, Mo.
Ferracute Machine Co., Bridgeton, N. J.
Fruchey Mfg. Co., 429 Bagg, Detroit, Mich.
Gardam Wm. & Son, 114 Park pl, New York
GASKET SUPPLY CO. (For All Kinds of Sheet Metal Work), 1927 Ludlow, Philadelphia, Pa.
See adv index at end of book
GEM MFG. CO. (For Flat & Drawn Work) Goebel nr Fulton N S, Pittsburgh, Pa.
See adv index at end of book
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.
See adv index at end of book
Gillespie Machine Co., Phipps Pr. bldg, Pittsburgh, Pa.
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
Gooley & Edlund, Cortland, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
Grand Rapids Brass Co. (For Sheet Metal) Grand Rapids, Mich.
Hanson Tool & Die Co., Detroit, Mich.
Harry Bros. Mfg. Co. (Brass), 282 Woodbridge, E Detroit, Mich.
Hatheway Mfg. Co., Bridgeport, Conn.
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.
Hibbard W. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.
Hoffecker Co., 222 Eliot, Boston, Mass.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Ideal Tool & Specialty Co., 5211 Prospect av, Cleveland, O.
Inland Machine Works, 800 Mound, St. Louis, Mo.
Jones W. E., 14 Water, Brooklyn, N. Y.
Kennedy Jos. B. & Co., 1205 Olive, St. Louis, Mo.
Kidder-Oswald Co., Dayton, O.
Kirkman Die & Tool Works, Denver, Colo.
Kohler Die & Specialty Co., De Kalb, Ill.
Konigsloew E. Stamping & Tool Works, Cleveland, O.
Konigsloew Otto Mfg. Co., 3506 Perkins av, Cleveland, O.
Lansing Stamping & Tool Co., Lansing, Mich.
Lees John, Indianapolis, Ind.
Lindell Die & Tool Co., Lansing, Mich.
Lippert & Rhenstrom, Kenosha, Wis.
Long Adam A., Rochester, N. Y.
Loshbough-Jordan Tool & Machine Co., 159 E Marion, Elkhart, Ind.
Loy & Nawrath, 25 Runyon, Newark, N. J.
Luitink & Sons Mfg. Co., 775 8th, Milwaukee, Wis.
McCall Machine Works (Sheet Metal & Wire), Rochester, N. Y.

McCullock A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book

McDowell Mfg. Co., Home Trust bldg, Pittsburgh, Pa.

Mach. Mfg. & Engineering Co., Council Bluffs, Iowa

Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.

Metal Specialty Mfg. Co., Waterbury, Conn.

Meyer W. F. Diamond Saw Co., Bedford, Ind.

Michigan Machinery Mfg. Co., Ypsilanti, Mich.

Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.

Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.

Mitchell John R. Co., 702 S Washington, Baltimore, Md.

MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
See adv index at end of book

Monarch Tool & Machinery Co., 1901 S Western av, Chicago, Ill.

Mossberg Frank Co., Attleboro, Mass.

Mound Tool Co., 1203 S 7th, St. Louis, Mo.

National Machine & Tool Co., 253 A, Boston, Mass.

Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.

Nestor Mfg. Co., 40 W 13th, New York

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.

Northwestern Stamping Co., Burlington, Ia.

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

Perkins Machine Co., Warren, Mass.

Phenix Mfg. Co., Milwaukee, Wis.

Precision Metal Workers, 1443 Carroll av, Chicago, Ill.

Pressed Steel Co., Wilkes-Barre, Pa.

QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

Ranz Stamping Tool Co., 1509 N B'way, St. Louis, Mo.

Reliable Machine Co., 5320 St. Clair av, Cleveland, O.

St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.

San Francisco Engineering Co., 322 6th, San Francisco, Cal.

Saunders Co., 519 Southwest Blvd, Kansas City, Mo.

Schatz Mfg. Co., Poughkeepsie, N. Y.

Schoder & Lombard Engraving Co., 261 Canal, New York

Sloan Novelty Mfg. Co., Kansas City, Mo.

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

Spokane Stamp Works, Spokane, Wash.

Standard Die & Stamping Co., 631 Penn av, Pittsburgh, Pa.

Standard Machinery Co., Providence, R. I.

Steel Products Engineering Co., Springfield, O.

Stein Wm. P. & Co., Rochester, N. Y.

Stevens Mfg. Co., Dale av, Dayton, O.

Stoll D. H. Co., Buffalo, N. Y.

Sumergate Jos., 49 Elizabeth, New York

Superior Die, Tool & Machine Co., 549 N Fourth, Columbus, O.

Superior Metal Products Co., Elyria, O.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

Taylor-Schantz Co., Rochester, N. Y.

Terkelsen & Wennberg, 326 A, Boston, Mass.

Thatcher-Rueter Mfg. Co., Cleveland, O.

Toledo Machine & Tool Co., Toledo, O.

Tozzi Mfg. Co., 352 Pearl, New York

V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.

Verdin, Kappes & Verdin, Cincinnati, O.

Villinger Mfg. Co., Williamsport, Pa.

Wade Machine Co., 817 Albany, Boston, Mass.

Walker Bros., Syracuse, N. Y.

Walsh Press & Die Co., 4709 W Kinzie, Chicago, Ill.

Webster & Perks Tool Co., Springfield, O.

Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

Wolverine Supply Co., Page & Fontella, Pittsburgh, Pa.

Worcester Pressed Steel Co., Worcester, Mass.

Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Zeh & Hahnemann Co. (For Cans, Cutlery, Hardware, etc), Vanderpool, Newark, N. J.

Dies (Steam Hammer)

See Dies, Chilled Hammer

3800—Dies (Steel, Soft Back)

Hammond Steel & Forging Co., Solvay, N. Y.

3801—Dies (Stencil Cutting)

Dickey-Grabler Co., 118 Noble ct, Cleveland, O.

Grammes L. F. & Sons, Allentown, Pa.

Hanson C. H. Co., 178 N Clark, Chicago, Ill.

Moise-Klinkner Co., 1212 Market, San Francisco, Cal.

Ness Geo. M. Jr., 61 Fulton, New York

Smith R. H. Mfg. Co., Springfield, Mass.

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

3802—Dies (Sub-Press)

American Watch Tool Co., Waltham, Mass.

BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book

Cleveland Metal Stamping Co., Cleveland, Ohio

Columbia Metal Stamping Co., Cleveland, Ohio

Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.

Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.

Griswold Geo. M. Machine Co. (Four Pillar), New Haven, Conn.

Hoeft & Co., 1600 W Kinzie, Chicago, Ill.

Hoffecker Co., 222 Eliot, Boston, Mass.

Inland Machine Works, 800 Mound, St. Louis, Mo.

Keller Pneumatic Tool Co., Fond du Lac, Wis.

McCall Machine Works, Rochester, N. Y.

McCullock A. P. Machine Co., 216 High, Boston, Mass.
See adv index at end of book

Metal Specialty Mfg. Co., Waterbury, Conn.

MODERN TOOL, DIE & MACHINE CO., 216-220 N Fourth, Columbus, O.
See adv index at end of book

Nelson Tool Co., 781 E 142nd, New York

Nestor Mfg. Co., 40 W 13th, New York

Nichols W. H., Waltham, Mass.

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

Stoll D. H. Co., Buffalo, N. Y.

Tucker Chas. E. Mfg. Co., York, Pa.

WALTHAM MACHINE WORKS (For Watch & Clock Factories), Waltham, Mass.

Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

Dies (Thread Cutting)

See Dies, Screw Cutting

3803—Dies (Toe Calk Welding)

Atha Tool Co., Chapel, Newark, N. J.

Cleveland Shaft Spring Co. ("Two-in-One"), Cleveland, O.

3804—Dies (Two Part)

Hjorth Lath & Tool Co., 27 School, Boston, Mass.

3805—Dies (Upsetting)

Modern Tool, Die & Machine Co., 216-220 N Fourth, Columbus, O.
See adv index at end of book

Pittsburgh Iron & Steel Foundries Co. ("Adamite"), Midland, Pa.

3806—Dies (Vanadium Steel)

Inland Machine Works, 800 Mound, St. Louis, Mo.

3807—Dies (Wire Drawing)

Hartley Geo., Waterbury, Conn.

McFarland Foundry & Machine Co., Trenton, N. J.

Morgan Construction Co., Worcester, Mass.

Newman Andrew Co., 26 Cortlandt, New York

Syracuse Chilled Die & Casting Co. (Chilled Iron), Syracuse, N. Y.

Vianney Wire Die Works (Diamond), 1 Union sq, New York

Waldeck Anthony, 7607 B'way, Cleveland, Ohio

Waterbury Wire Die Co., Waterbury, Conn.

Wennstrom's John Sons Co. ("Sapphire"), Suffern, N. Y.

3808—Dies (Wire Weaving)

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

3809—Digesters

American By-Product Machinery Co., 90 West, N. Y.

American Process Co. (& Cookers), 68 William, New York

American Welding Co. (Wood Pulp, Chemicals, etc), Carbondale, Pa.

Atlantic Works, 80 Border E B, Boston, Mass.

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.

See adv index at end of book

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

Coatesville Boiler Works, Coatesville, Pa.

Columbiana Boiler Co., Columbiana, O.

Continental Iron Works (Welded), West Brooklyn, N. Y.

Dempwolf C. H. & Co., York, Pa.

Devine J. P. Co., Buffalo, N. Y.

Dillon D. M. Steam Boiler Works, Fitchburg, Mass.

Dover Boiler Works, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*

Eastwood Wire Mfg. Co. ("Perfection" Bronze for Paper Mills), Belleville, N. J.

Ervien Chas. W. & Co., Venango & G, Phila., Pa.

HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Globe), Hamilton, O.

See adv index at end of book

International Process Co. ("Pintsch," Digesters & Diffusers for Mfr of Chemical Wood Pulp), 5 Beekman, New York

Jackson & Church Co., Saginaw, Mich.

Leslie, Elliott & Co., Paterson, N. J.

McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.

McNeil Boiler Co., 96 Crozier, Akron, O.

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

MANITOWOC ENGINEERING WORKS (Sulphite, Rotary & Soda), Manitowoc, Wis.

Mohr John & Sons (Rubber & Paper), 349 W Illinois, Chicago, Ill.

Munroe R. & Sons Mfg. Corporation, 23d & Smallman, Pittsburgh, Pa.

Noble & Wood Machine Co. (Paper Mill), Hoosick Falls, N. Y.

Petroleum Iron Works Co. (Pulp), Sharon, Pa.

Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.

Pollock Wm. B. Co. (of Large Capacity & Pressure for Pulp Mills), Youngstown, O.

Portland Co. (For Sulphite & Soda Mills), Portland, Me.

Pusey & Jones Co. (Welded Steel), ft Poplar, Wilmington, Del.

Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

Smith Samuel & Son Co., Paterson, N. J.

Smith Theodore & Sons Co., ft Essex, Jersey City, N. J.

Struthers-Wells Co., Warren, Pa.
See adv index at end of book

Stuart & Peterson Co., Burlington, N. J.

Swenson Evaporator Co. (Lap Welded), Monadnock blk, Chicago, Ill.

Traylor Engng. & Mfg. Co., Allentown, Pa.

Woodman Andrew W. & Co., West De Pere, Wis.

3809a—Digestors (Garbage)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.

See adv index at end of book

3810—Digesters (Rubber)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

3811—Diggers (Beet)

Avery B. F. & Sons, Louisville, Ky.

Bucher & Gibbs Plow Co. ("The Michlgan"), Canton, O.

Parlin & Orendorff Co. ("P & O"), Canton, Ill.

3812— Diggers (Peanut)

Cardwell Machine Co., Richmond, Va.
Champion Potato Machinery Co., Hammond, Ind.

3813— Diggers (Post Hole)

See also Augers, Post Hole

American Shovel & Stamping Co., Lorain, O.
Brown Mfg. Co. ("Brown Champion"), Zanesville, O.
Buckeye Mfg. Co. ("Lock Lever"), Canton, O.
Columbus Handle & Tool Co. ("Columbus" Atlas, Eureka Pattern), Columbus, Ind.
Disston Hy. & Sons ("Samson" "Rapid"), Tacony, Phila., Pa.
Eureka Digger Co., 227 W Huron, Chicago, Ill.
Gibbs Mfg. Co. ("Gibbs"), Canton, O.
Hall Mfg. Co. ("Hall," "Badger"), Monticello, Iowa
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Iwan Bros. ("Iwan's," "Iwan's Hercules," "Split Handle," "Perfection"), South Bend, Ind.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Kohler F. E. Co. ("Kohler," "Universal," "Little Giant," "Invincible," "Rival," "Hercules," "Champion" & "Pioneer"), Canton, O.
National Mfg. & Steel Supply Co. ("Carter" Automatic), 15 River, Newark, N. J.
Ney Mfg. Co., Canton, O.
Ney V. L. Co. ("Ney's," "Lock Lever"), Canton, Ohio
Ohio Cultivator Co. ("Champion"), Bellevue, Ohio
Oliver Iron & Steel Co. (Loop or Tamping Top), S 10th & Muriel, Pittsburgh, Pa.
Oshkosh Mfg. Co., Oshkosh, Wis.
Osmund Son Spade Mfg. Co. ("One Minute"), Perry, Ia.
Pech Gus. Foundry & Mfg. Co. (Powell), La Mars, Ia.
Seymour Mfg. Co. ("Seymour," "Eureka," "Atlas," "Hercules," "Champion," "Perfection"), Seymour, Ind.
Western Steel & Iron Works, De Pere, Wis.

3814— Diggers (Potato)

Akron Cultivator Co. ("Hist's"), Akron, O.
Allen S. L. & Co. ("Planet, Jr." Plow, for White & Sweet Potatoes), Denckla bldg, Phila., Pa.
American Fork & Hoe Co., Cleveland, O.
Aspinwall Mfg. Co. ("Aspinwall," Potato Digging Machines), Jackson, Mich.
Avery B. F. & Sons ("Avery," Plow, for White or Sweet Potatoes), Louisville, Ky.
Babcock Mfg. Co. (Cummings, "Otsego," Potato Digging Machines), Leonardsville, N. Y.
Bateman Mfg. Co. ("Iron Age," Potato Digging Machines), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co. ("Hitchcock" Plow), Chicopee Falls, Mass.
Blount Plow Works ("Blount," Plow), Evansville, Ind.
Brown-Manly Plow Co. ("Daisy Jr." Plow), Malta, O.
Brown Peter ("Brown" Potato Digging Machines), Greeley, Colo.
Bucher & Gibbs Plow Co., Canton, O.
Burch Plow Works Co. ("Burch" Plow), Crestline, O.
Champion Potato Machine Co. ("O-K Champion" Potato Digging Machines), Hammond, Ind.
Chattanooga Plow Co. ("Chattanooga" Plow), Chattanooga, Tenn.
Davidson-Dietrich Plow Co. (Plow Diggers), Evansville, Ind.
Deere & Co. ("Eclipse," "Jno. Deere," "Shaker" Plow), Moline, Ill.
DeShay D. H. ("Star"), Elysburg, Pa.
Doughton H. W. ("King of Potato Field" Plow), Moorestown, N. J.
Dowden Mfg. Co. (Ltd.) ("Dowden" Potato Digging Machines), Prairie City, Ia.

Eureka Mower Co. ("Eureka"), 16 Hickory Utica, N. Y.
Farquhar A. B. Co., Ltd. ("O. K. Elevator," "Gilt Edge," "Success Jr."), York, Pa.
Gowanda Agricultural Works ("Hamburg," "Knox" Potato Digging Machines), Gowanda, N. Y.
Greenville Implement Co. ("Banner" Plow), Greenville, Mich.
Hall Jas. H. Plow Co., Maysville, Ky.
Hamburg Plow Works ("Hamburg" Plow), Hamburg, Pa.
Hench & Dromgold Co. ("Hench & Dromgold" Plow), York, Pa.
Hist Potato Machinery Co. ("New Hist"), Alliance, O.
Hoover Mfg. Co. ("Hoover" Potato Digging Machines), Avery, O.
Ireland & Helfrich ("Hoy"), Spencerport, N. Y.
Keystone Farm Machine Co. ("Rice"), York, Pa.
McKenzie Bros. Mfg. Co. ("Badger"), La Crosse, Wis.
Messinger Mfg. Co. ("The Champion" Plows & Machines), Tatamy, Pa.
Moline Plow Co. ("Moline Knocker" Plow), Moline, Ill.
Moore Plow & Implement Co. ("Moore" Plow), Greenville, Mich.
Mountville Mfg. Co. ("Mountville"), Mountville, Pa.
Ohio Rake Co. ("Standard," "Little Giant"), Dayton, O.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
Peek's S. H. Sons ("Reuther" Potato Digging Machines), East Aurora, N. Y.
Peru Plow & Wheel Co. ("Peru"), Peru, Ill.
Platt Addison J., Sterling, Ill.
Potato Implement Co. ("Acme," Hand), Traverse City, Mich.
Pugh Mfg. Co., Topeka, Kan.
Racine-Sattley Co. ("Rustler"), Springfield, Ill.
Rock Island Plow Co. ("Rattler" Plow), Rock Island, Ill.
Schofield & Co. ("Schofield" Plows & Machines), Freeport, Ill.
South Bend Chilled Plow Co. ("South Bend" & "Shoker"), South Bend, Ind.
Sterling Mfg. Co. ("Sterling" Plow), Sterling, Ill.
Stevens Mfg. & Foundry Co., Decatur, Ill.
Syracuse Chilled Plow Co. ("Syracuse" Plow), Syracuse, N. Y.
Topeka Foundry & Mfg. Co., Topeka, Kan.
Wabers Mfg. Co. ("Best," Elevator Two-Horse), Racine Jct., Wis.

3815— Diggers (Stubble)

Avery B. F. & Sons, Louisville, Ky.
Hall Jas. H. Plow Co., Maysville, Ky.
Moline Plow Co. ("Cap't Lafitte"), Moline, Ill.

3815a— "Dim-a-lite"

Wirt Company (Dimming Sockets), Germantown, Phila., Pa.

3815b— Dimethylaniline

Calco Chemical Co. (Chemical for Dyes), Bound Brook, N. J.
Chemical Co. of Am. (Mfrs), 320 B'way, New York
Du Pont Chemical Works, 120 B'way, New York
Marden, Orth & Hastings Co., 61 B'way, New York

3816— Dimmers (Theatre)

See Rheostats, Stage Dimming)

3816a—*Dinitrochlorbenzol

Du Pont Chemical Works, 120 B'way, New York

3816b— *Dinitrophenol

Du Pont Chemical Works, 120 B'way, New York

3816c— *Dinitrotoluol

Du Pont Chemical Works, 120 B'way, New York

3817— Dippers (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.

3818— Dippers (Copper)

Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
Knapp Mfg. Co., 48 Warren, New York
Ray Geo. A. Mfg. Co. (Nickel Plated), Buffalo, N. Y.
Rochester Stamping Co., Rochester, N. Y.
Rome Mfg. Co. (Nickel Plated), Rome, N. Y.

3819— Dippers (Cream)

Boettiger Louis A. Co. ("Chapin"), 48 Leonard, New York
Chapman Co. ("Superior"), Geneva, N. Y.
National Enameling & Stamping Co., 411 5th av, New York

3820—Dippers (Milk, Water, Etc.)

Central Stamping Co. ("Puritan," "Sterling"), 172 Fulton, New York
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York
National Enameling & Stamping Co., 411 5th av, New York
Strong Mfg. Co. (Enameled Cocoa Cup, Flaring, etc), Sebring, O.

3821—Dippers (Steam Shovel & Dredge)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Fairbanks Steam Shovel Co., Marion, O.
Manitowoc Engineering Works, Manitowoc, Wis.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Union Iron Works (For Steam Shovels), Hoboken, N. J.

3822— Dippers (Wood)

Chapman-Sargent Co. (Pickle, Oyster, Fruit, Butter, etc), Perrysburg, O.

3823—Dippers & Funnels (Combination)

Peoria Can Co., Peoria, Ill.

3824— *Dips (Gas Mantle)

DU PONT CHEMICAL CO., 120 B'way, New York

3825— Dips (Sheep)

Burch F. S. & Co., 152 W Huron, Chicago, Ill.
Chemical Supply Co., 9420 Meach av, Cleveland, O.
Hygeno Disinfectant Co., Cleveland, O.
Peerless Stock Powder Co. ("Cresy-pole"), Falls City, Neb.
Thompson's Carbolic Soap Co., 46 Eagle, Brooklyn, N. Y.
Van Tilberg Oil Co. ("Creola"), 2424 Univ. av, S E, Minneapolis, Minn.

3826—*Dirt Collectors (Centrifugal) WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

3827—Dischargers (Centrifugal)

American Tool & Machine Co., 10 High, Boston, Mass.

3828— Discharges (Static)

Lord Mfg. Co. ("Abacot"), 105 W 40th, New York

3829— Discs (Abrasive)

Besly Chas. H. & Co. ("Helmet," "Boxite," "Crystox," "Garnet Plain Paper"), 120 Clinton, Chicago, Ill.
Carborundum Co. (Carborundum & Aloxit), Niagara Falls, N. Y.
Gardner Machine Co. ("Gardner"), Beloit, Wis.

3830— Discs (Armature)

(Iron Discs & Segments)

CLEVELAND ARMATURE WORKS, 4736 St. Clair av, Cleveland, O.
See adv index at end of book
Columbus Die, Tool & Mach. Co., Columbus, O.
Commutator Co., 121 N 1st, Minneapolis, Minn.

Forbes & Myers (Stator & Rotor), 169 Union, Worcester, Mass.
See adv index at end of book
 Hendrick Mfg. Co., Carbondale, Pa.
 Smith Thomas Co., Worcester, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

Discs (Carbon)

See Carbon Mfrs.

3831-2—Discs (Circular Metal Slitting)

Union Twist Drill Co., Athol, Mass.

Discs (Cork)

See Washers, Cork

3833— Discs (Friction)

Houghton E. F. & Co. ("Vim" Leather), 240 W Somerset, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

3834— Discs (Grain Drill)

Cambria Steel Co., Widener bldg, Phila., Pa.
 Indiana Rolling Mill Co., New Castle, Ind.

3835— Discs (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.
 United States Graphite Co., Saginaw, Mich.

3836— Discs (Harrow)

Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.
 Crucible Steel Co. of America, Pittsburgh, Pa.
 Indiana Rolling Mill Co., New Castle, Ind.
 Stowel Co., The (Disc Washers Only), So Milwaukee, Wis.

3837— Discs (Hot Water)

Tyler Fred A. (Adjustable), Albany, N. Y.

3838-9—Discs (Iron & Steel)

Auburn Ball Bearing Co. (Hardened Tool Steel), 26 E Elizabeth, Rochester, N. Y.
 Bettcher Mfg. Co., 6120 Clark av S W, Cleveland, O.
 Bossert Corporation, The, Utica, N. Y.
See adv index at end of book
 Cullman Wheel Co. (Steel Only), 1346 Altgeld, Chicago, Ill.
 Farist Steel Co., Bridgeport, Conn.
 Hammond Steel & Forging Co., Solvay, N. Y.
 McInnes Steel Co. (Ltd.) ("McInnes" Annealed Tool Steel), Corry, Pa.
 Midvale Steel Co. (Annealed Steel), Nicetown, Phila., Pa.
 Molthrop Steel Products Co., Beaver Falls, Pa.
 Mossberg Frank Co. (Circular, Pressed, Steel), Attleboro, Mass.
 Nicetown Plate Washer Co., Nicetown, Phila., Pa.
 Vulcan Steam Forging Co. (Forged), 251 Rano, Buffalo, N. Y.
 Wyoming Shovel Works, Wyoming, Pa.

3840— Discs (Radiator)

Bliss-Chester Co., 31 Mathewson, Providence, R. I.
 Goetze Gasket & Packing Co. ("Goetze" Copper-Asbestos or Nickel-Asbestos), New Brunswick, N. J.

3840a— Discs (Record)

Victor Talking Machine Co., Camden, N. J.

3841— Discs (Self-Feeder)

Henry & Allen (For Threshing Machines), Auburn, N. Y.

3842— Discs (Slate)

McNamara Bros., Fair Haven, Vt.

3843— Discs (Tin)

Grammes L. F. & Sons, Allentown, Pa.

3844— Discs (Valve)

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York
 Anchor Packing Co. ("Anchorite"), Lafayette bldg, Phila., Pa.
 Boston Belting Co., 84 Linden Park st, Boston, Mass.
 Canfield Rubber Co., Bridgeport, Conn.
 Cincinnati Rubber Mfg. Co. (Rubber), Cincinnati, O.
 Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.
 Continental Fibre Co. ("Bakelite-Dilecto" & Vulcanized Fibre), Newark Centre, Del.
 Continental Rubber Works (Rubber), Erie, Pa.
 Duraba Mfg. Co. ("Duraba"), 114 Liberty, New York
 Goetze Gasket & Packing Co. ("Goetze" Copper Asbestos or Nickel-Asbestos), New Brunswick, N. J.
 Goodrich B. F. Co. (Rubber), Akron, O.
 Home Rubber Co., Trenton, N. J.
 Jenkins Bros., 82 White, New York
 Johns-Pratt Co., The, ("Vulcabeston"), Hartford, Conn.
 Manhattan Rubber Mfg. Co., Passaic, N. J.
 Mattson Rubber Co. (Rubber), Lodi, N. J.
 Mechanical Rubber Co. ("Cleveland"), Cleveland, O.
 National Mfg. & Engineering Co. ("American" Metal), 1537 Race, Phila., Pa.
 New York Belting & Packing Co. (Rubber), 91 Chambers, New York
 New York Rubber Co. (Rubber), Reade & Church, New York
 O'Meara J. (Inc.), Lispenard, New York
 Ohio Injector Co. ("O. I. C."), Wadsworth, Ohio
 Peerless Rubber Mfg. Co. (Rubber), 31 Warren, New York
 Pennsylvania Rubber Co. (Rubber), Jeanette, Pa.
 Post E. L. & Co. ("Post's" Corrugated Metal), 50 Cliff, New York
 Quaker City Rubber Co., 629 Market, Phila., Pa.
 Republic Rubber Co. (Rubber), Youngstown, O.
 Skinner M. B. & Co. ("Perfect"), 562 W Washington, Chicago, Ill.
 Star Brass Mfg. Co. (Renewable Metal), 108 E Dedham, Boston, Mass.
STRONG MACHINERY & SUPPLY CO. ("Strong's I. O. P."), 21 Walker, New York.
See adv index at end of book
 Western Rubber Co. (Rubber), Goshen, Ind.
 Wolverine Brass Works, Grand Rapids, Mich.

3845—Dish Warmers (Electric)

Clad V. & Sons, 16th & Callowhill, Phila., Pa.
 Prometheus Electric Co., 511 W 42d, New York

3846— Dishers (Ice Cream)

Clipper Fountain Supply Co., Troy, N. Y.
 Erie Specialty Co. ("Walker's" Aluminum & Tin & Nickel Silver), Erie, Pa.
 Gilchrist Co., 236 Bank, Newark, N. J.
 Giles & Nielsen Nickel Works, Troy, N. Y.
 National Enameling & Stamping Co., 411 5th av, New York
 Nicol & Co. ("Delmonico's"), 218 N Jefferson, Chicago, Ill.

3846a— *Dishes (Cascade)

Elyria Enameled Products Co. (Glass Enameled), Elyria, Ohio.
See adv index at end of book

3847— Dishes (Chafing)

Aldrich Mfg. Co., Buffalo, N. Y.
 American Electrical Heater Co. (Electric), Detroit, Mich.
 Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.
 Buffalo Mfg. Co., Buffalo, N. Y.
 Central Stamping Co. ("Puritan"), 174 Fulton, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Hotpoint Electric Heating Co. ("Elchafo" Electric), Ontario, Cal.
 International Silver Co., 9 Maiden la, New York
 Lalance & Grosjean Mfg. Co. (Enameled), 299 B'way, New York
 Landers, Frary & Clark ("Universal"), New Britain, Conn.
 Manning, Bowman & Co., Meriden, Conn.

New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.
 Presto Electrical Mfg. Co. ("Presto" Electric), 323 Geary, San Francisco, Cal.
 Ray Geo. A. Mfg. Co., Buffalo, N. Y.
 Rochester Stamping Co. (Electric & Alcohol), Rochester, N. Y.
 Simplex Electrical Heating Co. ("Simplex" Electric), Cambridge, Mass.
 Sternau S. & Co., 160 John, Brooklyn, N. Y.
 Sutterley G. T. & Co., 23rd & Hamilton, Philadelphia, Pa.
 Sweeney W. H. Mfg. Co. ("Royal," Copper & Nickel Plated, etc), 30 Main, Brooklyn, N. Y.
 Wallace R. & Sons Mfg. Co., Wallingford, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

3847a—*Dishes (Evaporating)

Elyria Enameled Products Co. (Glass Enameled), Elyria, Ohio.
See adv index at end of book

3848—Dishes, Plates, Etc. (Paper)

American Water Supply Co., 251 Causeway, Boston, Mass.
 Bleyer Alfred & Co., 229 West, New York
 Economy Box & Pie Plate Co., Marion, Ind.
 Escanaba Mfg. Co., St. Louis, Mo.
 Grasberger B. A. & Co., Richmond, Va.
 Keyes Fibre Co., Waterville, Me.
 No Leak Paper Dish Co., Wheeling, W. Va.
 Northern Bag & Plate Co., Carthage, N.Y.
 Oval Wood Dish Co., Delta, O.
 Sandy Creek New York Wood Mfg. Co., Sandy Creek, N. Y.
 Sayford Paper Specialty Co. (Finger Bowls & Ice Cream Inserts), Vineland, N. J.
 Star Paper Dish Co. ("Daisy" Round, "Handy" Square), Richmond, Va.
 Virginia Mfg. Co., Suffolk, Va.

3848a— Dishes (Soap)

See also Bath Room Fixtures & Furnishings; also Enameled Ware Mfrs.; also Wire Goods, Bright

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
 Racine Iron & Wire Works, Racine, Wis.

3849— Dishes (Wood)

Atlas Mfg. Co., New Haven, Conn.
 Aull Bros. Co., Dayton, O.
 Bleyer Alfred & Co. (Pie Plates), 229 West, New York
 Bloomer Bros. Co., Newark, N. Y.
 Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
 Dayton Paper Novelty Co., Dayton, O.
 Dodge Clothespin Co. (Wire Ends), Caudersport, Pa.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Keyes Fibre Co., Waterville, Me.
 Mullen Bros. Paper Co., St. Joseph, Mich.
 Northern Bag & Plate Co., Carthage, N.Y.
 Oval Wood Dish Co. (of Every Description), Delta, O.
 Richmond Cedar Works (Wire & Tin End Butter), Richmond, Va.
 Roberts J. N. Mfg. Co., Metropolis, Ill.
 Sefton Mfg. Co., 1301 W 35th, Chicago, Ill.
 Star Paper Dish Co. ("Daisy"), Richmond, Va.
 Weston Paper & Mfg. Co., Dayton, O.

3850— Disinfectants

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
 Alcatraz Co., Inc. ("Karbo," "Pin-E-Ola"), 3200 Williamsburg av, Richmond, Va.
 American Antiformin Co. ("Antiformin"), 38 Water, New York
 American Aromatic Disinfectant Co., 428 Walnut, Phila., Pa.
 American Disinfectant Works, Buffalo, N.Y.
 American Disinfecting Co., Sedalia, Mo.
 American Oil & Disinfectant Co. ("Sparrow"), 196 Water, New York
 Antozone Chemical Co., 25 Coenties sl, New York
 Aspinwall Geo. H. (Inc.), 134 Halladay, Jersey City, N. J.
 Barrett Co., 17 Battery pl, New York
 Bayer Co. (Antinonin), 117 Hudson, New York
 Bayway Chemical Co., Elizabeth, N. J.
 Boston Chemical Co., 66 Hanover, Boston, Mass.

Brewer & Co. ("Cresonol," "Creosanthol," "Pinosol"), Worcester, Mass.
 Burch F. S. & Co., 152 W Huron, Chicago, Ill.
 Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
 Carpenter W. D. Co., Syracuse, N. Y.
 Chemical Supply Co., 9420 Meach av, Cleveland, O.
 Clifton Chemical Co., 317 Greenwich, New York
 Coal Tar Product Co. ("Stag Brand"), 570 Smith, Brooklyn, N. Y.
 Continental Mfg. Co. ("Puroline"), Indianapolis, Ind.
 Corbin Disinfecting Co. ("Naphthol-Phenoline"), Front & Walnut, Phila., Pa.
 Cremoline Disinfecting Co., 2224 Washington av, St. Louis, Mo.
 Crest Chemical Co. ("Crest"), Seattle, Wash.
 Dayton Wm. H., 4108 E 100th, Cleveland, Ohio
 Dolge C. B. Co., Westport, Conn.
 Durfee Mfg. Co., Grand Rapids, Mich.
 Dusenberry H. C. (Inc.), ("Creoleum," "C. C."), 95 Gold, New York
 Eagle Oil & Supply Co. ("Eagleline"), 104 Broad, Boston, Mass.
 Egyptian Chemical Co., 255 Atlantic av, Boston, Mass.
 Embalmers' Supply Co., Westport, Conn.
 Flash Chemical Co. ("Flash Creothol"), Kendall sq, Cambridge, Mass.
 Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
 Fort Pitt Chemical Co. ("Sanitant") 14th & Etna, Pittsburgh, Pa.
 Fuerst Bros. & Co. (Imported), 2 Stone, New York
 Fulton Bag & Cotton Mills ("Kilzit"), Atlanta, Ga.
 Garden City Laboratory ("American"), 161 W Harrison, Chicago, Ill.
 Garnet Geo. H. Co., Allentown, Pa.
 General Laboratories ("B-K"), 906 Monona av, Madison, Wis.
 Georgia Pine Turpentine Co., 158 Perry, New York
 Good James, 939 N Front, Phila., Pa.
 Grosche Bruno & Co., 90 Wall, New York
 Hayner Norman C. Co. ("Killitol"), Rochester, N. Y.
 Hillyard Mfg. Co., St. Joseph, Mo.
 Houghton E. F. & Co. ("Houghton" Odorless), 240 Somerset, Phila., Pa.
 Hunt Mfg. Co., 3335 Broadview, Cleveland, Ohio
 Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.
 Insecticide Co., Phelan bldg, San Francisco, Cal.
 Mann H. D. Co. ("Odozone"), 124 N Warren, Syracuse, N. Y.
 Masury-Young Co., 196 Milk, Boston, Mass.
 Merck & Co., 45 Park pl, New York
 Met-ol Polish & Mfg. Co., 1027 Larroke, Chicago, Ill.
 Minor W. E. Disinfectant Co. ("Minor"), 328 Champlain av, Cleveland, O.
 Monahan Antiseptic Co., 166 N Curtis, Chicago, Ill.
 National Aniline & Chemical Co., Inc. ("Buffalo Sanitary Fluid"), Schoellkopf Wks., Buffalo, N. Y.
 National Disinfecting Co. ("Phenolene"), 306 E 59th, New York
 National Sanitary Co., Sedalia, Mo.
 No. American Chemical & Engng. Co., 23 Old Slip, New York
 Northwestern Mfg. Co., Indianapolis, Ind.
 Ohio Chemical Co., Findlay, O.
 Oxyozon Disinfecting Co., 410 W 13th, New York
 Pacific Coast Beef & Provision Co., Los Angeles, Cal.
 Parke, Davis & Co., Detroit, Mich.
 Phinotas Chemical Co., 237 Front, New York
 Platt Henry B., 42 Cliff, New York
 Plunkett Chemical Co., 2540 Cottage Grove av, Chicago, Ill.
 Purolene Disinfecting Co., 956 S B'way, Los Angeles, Cal.
 Rath Mfg Co. ("Rathola," Liquid), Hedley cr. of Richmond, Phila., Pa.
 Red Cross Hygienic Co., 1378 W Lake, Chicago, Ill.
 Rochester Germicide Co., Rochester, N. Y.
 Rosenstock Chemical Co. ("Zodone"), 245 W 28th, New York
 Soudan Specialty Mfg. Co., 961 Alexander, Milwaukee, Wis.
 Spiritine Chemical Co., Wilmington, N. C.
 Standard Chemical Co., 736 Frankfort av, Cleveland, O.
 Standard Chemical Co. ("Creofectant"), Houston, Tex.

Sulpho Napthol Co., 14 Medford, Boston, Mass.
 Vapo-Cresoline Co., 62 Cortlandt, New York
 Vestal Liquid Soap & Disinfectant Co. ("Vestanol"), 1121 Pine, St. Louis, Mo.
 Waelde Herman, 736 Frankfort av, N W, Cleveland, O.
 West Disinfecting Co., 12 E 42d, New York
 White Tar Co., John & Cliff, New York
 Williams Joseph Co., Sharpsburg, Pa.
 Wilson & Co., 41st & Ashland av, Chicago, Ill.
 Woolf's Hypozone, 64 Gold, New York
 Worrell Mfg. Co. ("Vermingo"), 212 N Main, St. Louis, Mo.

3851— Disinfecting Apparatus

See also Machinery, Disinfecting

American Sterilizer Co. (For Hospitals, etc), Erie, Pa.
 Bernstein Mfg. Co. (For Hospitals), 3d & Westmoreland, Phila., Pa.
 Garnet Geo. H. Co., Allentown, Pa.
 Hillyard Mfg. Co., St. Joseph, Mo.
 Hydro-Pneumatic Disinfecting Co., 221 Mercer, New York
 Rochester Germicide Co., Rochester, N. Y.
 Rosenstock Chemical Co. ("Ideal" Non-Ignitable), 245 W 28th, New York

3852— Disintegrators

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
 American Clay Machinery Co. (Clay), S Walnut, Bucyrus, O.
 Anderson Foundry & Machine Works (Clay), Anderson, Ind.
 Atlanta Utility Works, East Point, Ga.
 Blanchard Machine Co. (Fertilizer), Cambridge, Mass.
 Brewer H. & Co. (Clay), Tecumseh, Mich.
 Campbell Peter F. (Mill), 55 Laurel, Philadelphia, Pa.
 Chambers Bros. Co. (Clay), 52nd below Lancaster, Phila., Pa.
 Day J. H. Co., Cincinnati, O.
 Excel Mfg. Co. (All Dry Colors), Pottersville, N. J.
 Fate J. D. Co. (Clay), Plymouth, O.
 Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.
 Holmes & Blanchard Co., 31 State, Boston, Mass.
 JEFFREY MFG. CO. (Coal, etc), 961 N Fourth, Columbus, Ohio.
See adv index at end of book
 LINK-BELT CO. (For Coal, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.
 Mead & Co., Detroit, Mich.
 Potts C. & A. & Co. (Clay), Indianapolis, Ind.
 Pratt Engineering & Machine Co., Atlanta, Ga.
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
 Sackett A. J. (Fertilizer, etc.), cor. 4th av & First, Baltimore, Md.
 Stedman's Foundry & Machine Works, Aurora, Ind.
 Steele J. C. & Sons, Statesville, N. C.
 Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.
 Walker & Elliott, 2d & Lombard, Wilmington, Del.
 Wellington Machine Co. (Clay), Wellington, O.
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

3853— Disintegrators (Sugar)

ABBE ENGINEERING CO., 220 B'way, New York *See adv index at end of book*
 Gibbens-Finney-Gordon Co. ("Warmoth-Hyatt"), 213 Canal, New Orleans, La.

3854— Dispensers (Cream & Milk)

American Machinery Co. ("American"), 1229 Callowhill, Philadelphia, Pa.

3855— Dispensers (Straw)

Coe Mfg. Co. ("Monarch"), 35 Warren, New York

3855a— Dispensers (Sugar)

Spengler-Loomis Mfg. Co. ("Kwicksharp"), 68 E Washington, Chicago, Ill.

Display Fixtures

See Window Display Fixtures

3856— Distillers (Gin, Whiskey, Etc.)

NOTE.—The references following names indicate the main offices, which should be addressed under the firm styles as given. Variety of product in all cases known is indicated in the parentheses following names

See also Alcohol, Various Kinds

CALIFORNIA.

SAN FRANCISCO—Crown Distilleries Co.
 Western Grain & Sugar Products Co. (Spirits, Alcohols), 110 Sutter

CONNECTICUT.

MELROSE—Gowdy Francis Distilling Co.
 WAREHOUSE POINT—Baird-Daniels Co. (See New York)
 Barber Horace Dist. Co.

ILLINOIS.

CHICAGO—American Distilling Co., 1006 S State (See Pekin, Ill.)
 Chicago Dist. Co., 6 W Kinzie
 Clear Springs Dist. Co., 229 W Randolph
 Dennehy Chas. & Co., 229 W Randolph
 Kessler Julius & Co. (Whiskey), 337 W Madison
 Pepper Jas. E. Dist. Co., 79 Monroe
 Rosenfield Bros. & Co. (Whiskey), 169 W Randolph
 Shufeldt Henry H. & Co., 28 E Kinzie
 Straus Bros. Co., 216 W Madison
 Sunny Brook Distillery Co. (Whiskey), 169 W Randolph
 Sunset Dist. Co., 116 S 5th av
 Woodford Distilling Company (Whiskey), 127 N Dearborn
 PEKIN—American Distilling Co. (Gin, Whiskey)
 PEORIA—Clarke Bros. & Co. (Gin, Whiskey)
 Corning Distilling Co. (Gin, Whiskey)
 Woolner Dist. Co. (Alcohol, Gin, Whiskey)
 ROCKFORD—Graham Bros. (Whiskey)

INDIANA.

EVANSVILLE—Tennessee Distilling Co.
 HAMMOND—Hammond Distilling Co. (Whiskey)
 LAWRENCEBURG—Greendale Dist. Co.
 Rossville Distilling Co. (See Walsh, Jas. & Co., Cincinnati, O.)
 Squibb W. P. & Co.
 NEW AMSTERDAM—Alexander & Kemper
 TERRE HAUTE—Commercial Dist. Co. (Alcohol, Spirits, Gin, Whiskey)
 Merchants' Distilling Co. (Whiskey)
 VINCENNES—Murphy Distilling Co. (Gin)
 Old Vincennes Distillery Co. (Whiskey)

KENTUCKY.

BARDSTOWN—Clear Springs Dist. Co.
 Mattingly & Moore Dist. Co. (See Louisville)
 Moore Tom Distillery (Whiskey)
 Samuels T. W. Distillery
 Sutherland H. Co. (Whiskey)
 Walker F. G. Co. (See Louisville)
 BLOOMFIELD—McClaskey B. & Son (Whiskey)
 BURGIN—Dowling Bros. (Whiskey)
 CAMP NELSON—Kentucky Distilleries & Warehouse Co. (See New York, N. Y.)
 CARROLLTON—Jett Bros. Distilling Co. (Whiskey)
 CHAPEZE—Wright & Taylor (See Louisville)
 CHICAGO—Smith Distillery Co. (Whiskey)
 COON HOLLOW—Willow Spring Distillery Co. (Whiskey)

COVINGTON—Brown Old W. E. Co.
Crigler & Crigler Co. (Whiskey)
Frazier W. J. Co.
Hanlon Distilling Co.
New England Distilling Co.
Old Dexter Distilling Co.
Parker Orene Co. (Whiskey)
Pattison Bros. Kentucky Bourbon Distilling Co.
Sunny Side Distilling Co.
CYNTHIANA—Ashbrook F. S. Distillery Co. (Whiskey)
DANT—Dant Distillery Co. (Whiskey)
DEATSVILLE—Samuels T. W. Distillery (See Bardstown)
EARLY TIMES—Early Times Distillery Co. (See Paducah)
EMINENCE—Eminence Distillery Co. (See St. Paul, Minn.)
FAIRFIELD—McKenna H. (Whiskey)
FALMOUTH—Old Tub Fowler Distillery Co.
FRANKFORT—Frankfort Distillery (Whiskey)
Gainess W. A. & Co. (Whiskey)
Labrot & Graham Co. (Whiskey)
Stagg Geo. T. Co. (Whiskey)
Taylor E. H., Jr. & Sons
GETHESEMANE—Head & Parker (Whiskey)
Taylor & Williams (See Louisville)
GREENBRIER—Greenbrier Distillery Co. (See Louisville)
HARRODSBURG—Thompson J. B. (See Cincinnati, O.)
HENDERSON—Kentucky Peerless Dist. Co.
HOBBS—Old Grand Dad Dist. Co. (See Louisville)
HUNTERS DEPOT—Uri N. M. & Co. (See Louisville)
LAWRENCEBURG—Dowling John & Co. (Whiskey)
Riply Bros. Distillery Co.
Saffell W. B. (Whiskey)
LEBANON—Mueller, Wathen & Kobert (Whiskey)
LEXINGTON—Pepper Jas. E. & Co. (Whiskey)
Stoll & Co. (Whiskey)
LORETTO—Burks Spring Distilling Co. (Whiskey)
Cummins R. & Co. (Whiskey)
LOUISVILLE—Belmont Distillery Co.
Bernheim Distilling Co. (Whiskey)
Big Spring Dist. Co.
Bonnie Bros. (Whiskey)
Brown-Forman Co. (Whiskey)
Brown J. T. S. & Sons (Whiskey)
Eminence Dist. Co. (See St. Paul, Minn.)
Fencliff Distillery Co. (Whiskey)
Glencoe Distillery Co. (Whiskey)
Glenmore Distilleries Co. (Whiskey)
Greenbaum M. H. & Co. (Whiskey)
Greenbrier Distilling Co. (Whiskey)
Jones Paul & Co.
Kentucky Dist. & Warehouse Co. (See N. Y.)
Lyndale Dist. Co. (See Hoffheimer Bros., Cincinnati, O.)
Mattingly & Moore Dist. Co.
Mellwood Dist. Co. (See Cincinnati, O.)
Number One Dist. Co. (See Cincinnati, O.)
Old Grand Dad Dist. Co. (Whiskey)
Old Kentucky Dist. Co. (Whiskey)
Progress Distilling Co.
Reagan & Imorde Dist. Co.
Rugby Distillery Co. (Whiskey)
Selliger Max & Co. (Whiskey)
Stitzel Distilling Co. (Whiskey)
Sunny Brook Dist. Co.
Thierman H. A. & Co. (Re-Distillers)
Thompson Jas. & Bro.
United American Co. (Whiskey)
Uri N. M. & Co. (Whiskey)
Walker F. G. Co. (Whiskey)
Wathen R. E. & Co. (Whiskey)
White Mills Dist. Co. (See Hoffheimer Bros., Cincinnati, O.)
Wolff Dist. Co.
Wright & Taylor (Whiskey)
LUDLOW—Hancock Jas. (Whiskey)
McBRAYER—Bond, T. H. & Bro.
Old Prentice Distillery
MAYSVILLE—Pogue H. E. Dist. Co. (Whiskey)
Poyntz Bros (Whiskey)
MIDWAY—Greenbaum S. J. Co. (See Louisville)
NICHOLASVILLE—Old Lexington Club Dist. Co. (See Cincinnati, O.)
OWENSBORO—Davies County Distilling Co. (Whiskey)

Field J. W. M., Inc. (Whiskey)
Glenmore Distilleries Co. (See Louisville)
Green River Dist. Co. (Whiskey)
Mattingly M. P. Dist. Co. (Whiskey)
Rock Spring Distilling Co. (Whiskey)
PADUCAH—Early Times Dist. Co. (Whiskey)
Terrell A. Sid (Whiskey)
Weil H. & Sons (Whiskey)
POINDEXTER—Wiglesworth Bros. Co. (Whiskey)
RAYWICK—Head W. H. Distillery Co.
ST. MARY—Brown Forman Distillery Co. (See Louisville)
SAMUELS—Samuels W. B. & Co. (Whiskey)
SILVER CREEK—United American Co. (See Louisville)
STAMPING GROUND—Buffalo Springs Distilling Co. (See St. Louis, Mo.)
STANLEY—Eagle Distillery
TYRONE—Dowling John & Co. (See Lawrenceburg)
VERSAILLES—Barbee Jno. T. & Co. (See Louisville)
Frazier W. J. Co. (See Covington)

LOUISIANA.

NEW ORLEANS—International Distilling Co. (Ltd.), Pine & Ferdinand (Whiskey)
HARVEY—Jefferson Distilling & Denaturing Co. (Gin, Commercial & Industrial Alcohol & Cologne Spirits)
Louisiana Distillery Co. (Ltd.), 865 S Peters (Whiskey)

MARYLAND.

BALTIMORE—Baltimore Distilling Co. (Whiskey), ft. Warner
Canton Distillers Co. (Whiskey), Clinton & 4th av
Federal Dist. Co., Colgate Station, Canton
Fleischmann Co., North av & Gay, (See Cincinnati, O.)
Hannis Dist. Co., Ostend & Russell
Highspire Dist. Co. (Ltd.), Maryland Trust bldg.
Kessler Julius & Co., 11th & O'Donnell. (See Chicago, Ill.)
Lanahan William & Son ("Hunter Baltimore Rye"), 20 Light
McGinnis Bros. Co., Canton av & 7th (See Carrollton)
Maryland Distilling Co. (Whiskey), Saratoga, North & Davis
Melvale Distillery Co. (Whiskey), Continental bldg
Monticello Distilling Co., 409 N Holliday
Mt. Vernon Dist. Co., Eastern av & 16th
Sherwood Distilling Co. (Whiskey), Fidelity bldg.
Stewart Distilling Co., 5th & Bank. (See Phila., Pa.)
Wilson Dist. Co., 10 Belair av
Wineke-Arey Co. (Whiskey), Eastern av & 16th

BURKITTSTVILLE—Horsey Outerbridge Co. (Whiskey)
CARROLLTON—McGinnis A. Co. (See Baltimore)
CUMBERLAND—Clark Jas. Distilling Co. (Whiskey)
ELLERSLIE—Wills Brook Dist. Co.
GWYNNBROOK—Gwynnbrook Dist. Co.
ROSLYN—Pikesville Distilling Co. (Whiskey)
WEVERTON—Savage Distilling Co.
WESTERN PORT—Miller's M. J. Sons

MASSACHUSETTS.

AGAWAM—Gowdy Francis Distilling Co. (See Melrose, Conn.)
BOSTON—Felton & Son (Rum), 516 E 2nd
Rex Distilling Co., 49 Causeway
CAMBRIDGE—Purity Dist. Co.
EVERETT—Everett Distilling Co. (Rum)
NEWBURYPORT—Caldwell A. & G. J. (Rum)
SOMERVILLE—Chase D. E. Co. (Rum)

MINNESOTA.

ST. PAUL—Eminence Distillery Co. (Whiskey)

MISSOURI.

KANSAS CITY—Independent Dist. Co., 30 Delaware
Shawhan Dist. Co. (Whiskey)
ST. LOUIS—Buffalo Springs Distilling Co., 308 S 8th
Cane Ridge Distilling Co., 8 S 2nd
Gehner Dist. Co., 1016 Market
Gold Spring Distilling Co., 1106 N B'way
Griesdeck H. L. Dist. Co., 19 S 4th
Hayner Dist. Co., 305 S 7th
Hellman Distillery Co., 508 N 2nd
Kamp Dist. Co., 401 N Main
Kellerstrass Distilling Co., 320 W 2nd
Lobin Distilling Co., 114 Market
Mountain Grove Distilling Co., 325 N Main
Nelson Dist. Co., 922 N B'way
Parker Distilling Co., 213 Market
Phoenix Distillery Co., Chamber of Commerce
Riesmeyer G. Dist. Co., 1324 Franklin av
Scharff L. & A., 1427 Lucas av
Schiele Edwin Distilling Co., 118 N 3rd
Stark Distillery Co., 217 Pine
Wittenberg C. H. Distilling Co., 2652 Franklin av
WALDRON—McCormick Mercantile & Dist. Co. (Whiskey)
WESTON—Shawhan Dist. Co. (See Kansas City)

NEBRASKA.

OMAHA—Willow Springs Dist. Co. (See Standard Dist. & Distributing Co., N. Y.)

NEW YORK.

ALBANY—Columbia Distilling Co. (Whiskey)
BUFFALO—Buffalo Distilling Co. (Whiskey), 86 Main
Erie Distilling Co., 154 E Eagle
Meadville, Pa., Dist. Co., Ellicott sq
LOWMAN—The Old Lowman Distilling Co. (Whiskey)
NEW YORK CITY—American Distilling Co., 491 Washington
American Distributing Co. (Whiskey), 27 William
American Spirits Mfg. Co., 27 William
Baird-Daniels Co. (Gin, Whiskey), 143 W Broadway
Baltimore Distilling Co. (Whiskey, "Spring Garden"), 51 Water
Bernheim Distilling Co., 68 Broad
Bloch Bert K., 200 Fifth av
Burnett Sir Robert & Co. (Gin), 632 W 34th
Commercial Distilling Co. (Whiskey), 220 B'way
Corning & Co. (Whiskey), 11 Vestry
Empire Distillery Co. (Whiskey), 200 Fifth av
Fleischmann Co. (Whiskey), 701 Washington
Freiberg & Workum Co. (Whiskey), 220 B'way
Gibson Distilling Co. (Whiskey), 109 Hudson
Hannis Distilling Co. (Whiskey), 27 William
Jones Paul & Co., 1480 B'way
Kentucky Distilleries & Warehouse Co. (Whiskey), 27 William
Kessler Julius & Co. (Whiskey), 63 Park Row
London Wine & Spirit Co., 14 Water
Mallard Distilling Co. (Whiskey), 232 W 27th
Myers H. C. Co., 25 Leonard
National Distilling Co., 254 W 29th
North American Distilling Co., 114 Liberty
Pleasant Spring Distillery Co., 41 Union sq
Stewart Distilling Co., 2 Rector
Sunny Brook Distillery Co. (Whiskey), 39 W 34th
Union Distilling Co., 71 West
United Distillers Co., 299 B'way
Wilson Distilling Co. (Whiskey), 303 Fifth av
PEEKSKILL—Fleischmann Co' (See New York, N. Y.)
ROCHESTER—Duffy Malt Whiskey Co.
New York & Kentucky Co.
Rochester Distilling Co.

WATERLOO—Columbia Distilling Co.
(See Albany)
Industrial Distilling Co. (Whiskey)

OHIO.

CANTON—Coshocton Distilling Co.
CARTHAGE—Union Distilling Co.
(Whiskey)
CINCINNATI—Anderson E. L. Distillery
Co. (Whiskey), 6th & Overton
Beech Hill Distilling Co., 225 E 3d
Block Elias & Sons (Whiskey), 1st
National Bank bldg
Clifton Springs Dist. Co. (Whiskey),
Ludlow av & B. & O. S. av. Cum.
Deddens Wm. Distilling Co., 223 W 6th
Edgewood Dist. Co. (Whiskey), 417
Elm
Fleischmann Co., 427 Plum (Also New
York, N. Y.)
Freiberg & Workum Co. (Gin,
Whiskey), 216 E Front
Hoffheimer Bros. Co. (Whiskey), 123
Sycamore
Kayser & Hegner Siemer Co., 319 E
2nd
Millcreek Dist. Co. (See Standard
Dist. Distributing Co., New York,
N. Y.)
Mountain Distilling Co., 131 W 3rd
Old '76 Dist. Co., 9 Masonic Temple
(See Newport, Ky.)
Old Spring Distilling Co., 129 W 3rd
Peoples' Distilling Co., 1016 Sycamore
Seligman Distillery Co., 304 Perry
Sherbrook Distillery Co., 1020 Sycamore
Standard Distilling Co., 1021-23 B'way
Star Distillery Co., Mer. Lib. bldg
Sunny Side Distilling Co., 115 Pike
Susquamac Distilling Co. (Whiskey),
308 Traction bldg
Thompson J. B. & Co. (Whiskey),
Union Trust bldg
Union Dist. Co. (Whiskey), 3d & Race,
Carthage
Walsh James & Co. (Whiskey), Union
Trust bldg
Westheimer F. & Sons (Whiskey),
209 E Court
DAYTON—Detrick Distilling Co.
(Whiskey)
Hayner Distilling Co. (Whiskey)
Schauer Distilling Co.
LYNCHBURG—Freiberg & Workum Co.
(See Cincinnati, O.)
HARRISON—Frederick, Geo. H. Distilling
Co.
MOSCOW—Clermont Dist. & Mill Co.
TIPPECANOE CITY—Detrick Dist. Co.
(See Dayton, O.)
TROY—Hayner Distilling Co. (See Day-
ton, O.)

PENNSYLVANIA.

BEDFORD—Hughes Bros.
BENTON—McHenry-Rohr Distilling Co.
(Whiskey)
BROADFORD—Overholt A. & Co. (See
Pittsburgh)
BROWNSVILLE—Perry Distilling Co.
CHESWICK—Penwick Dist. (See Block,
Elias & Sons, Cincinnati, O.)
CLARION—Huefner V. & Son
CONNELLSVILLE—Connellsville Distil-
ling Co.
White Rock Distilling Co.
EDDINGTON—Phila. Pure Rye Dist. Co.,
(Ltd.) (See Phila., Pa.)
ELIZABETHVILLE—Weaver & Son
FAIR OAKS—Economy Distilling Co.
(See Pittsburgh)
FAIRCHANCE—Fairchance Distilling Co.
FREDERICKTOWN—Vandergrift Distil-
ling Co.
FREEPORT—Guckenheimer A. & Bros.
Co. (See Pittsburgh)
GIBSONTOWN—Gibson Distilling Co. (See
Phila.)
GLEN ROCK—Foust's Wm. Sons (Whis-
key)
HIGHSPIRE—Highspire Dist. Co. (Ltd.)
(Whiskey)
HUNTINGDON—Grube Martin
JOHNSTOWN—Faith Victor E.
LATROBE—Latrobe Distilling Co.
Moore Distilling Co.
LINFIELD—Myers Angelo Distillery
LOGANSPOUT—Logansport Distillery Co.
LUCESCO—Schenley Dist. Co. (Whiskey)
(Whiskey)
McKEESPORT—Moore Thos. Dist. Co.
(Whiskey)
MASONTOWN—Gray Distilling Co.

MEADVILLE—Meadville, Pa., Dist. Co.,
(See Buffalo, N. Y.)
NEW BALTIMORE—Topper Distilling Co.
OAK RIDGE—Morningside Distilling Co.
PHILADELPHIA—Catherwood H. & H.
W. (Whiskey), 114 S Front
Corning & Co., 11 Catherine
Dougherty's J. A. Sons (Whiskey),
1136 N Front
Gibson Distilling Co., 232 S Front
Hannis Distilling Co. (Whiskey), 218
S Front
McGlinn Distilling Co., 145 S 2nd
Monongahela Dist. Co., 311 N 3rd
Myers Angelo, 311 N 3rd
Philadelphia Pure Rye Whiskey Dis-
tilling Co. of Penna., Ltd., Bourse
blvd
Stewart Distilling Co., 256 S 3d
Young Alex. Distilling Co., 700 E
Passyunk
PITTSBURGH—Economy Distilling Co.
(Whiskey), Manufacturers' bldg
Federal Distilling Co., 129 McKean
Finch Jos. S. & Co., 129 McKean
Large Distilling Co. (Whiskey),
Benedum Trees bldg
Overholt A. & Co. (Whiskey), Frick
bldg
Thompson Distilling Co. (Whiskey),
319 First av
RUFF'S DALE—Dillinger Distilling Co.
(Whiskey)
SCOTTDAL—West Overton Dist. Co.
SUTERSVILLE—Youhlogheny Dist. Co.
(Whiskey)
UNIONTOWN—A r c h Distilling Co.
(Whiskey)
VANDERBILT—Vanderbilt Distilling Co.
WAYNESBORO—Pen-Mar Distilling Co.
(Whiskey)
WEST BROWNSVILLE—Thompson Dis-
tilling Co. (See Pittsburgh)

TENNESSEE.

CHATTANOOGA—Chattanooga Distillery
Wakeman Distilling Co. (Whiskey)
LYNCHBURG—Daniel's Jack Old Time
Distillery (Whiskey)
NASHVILLE—Cascade Distillery Co.
Nelson Charles (Whiskey)

VIRGINIA.

ALEXANDRIA—Mahoney J. & E.
BOWERSHILL—Eastern Distilling Co.
HARTVILLE—De Hart & Dist. Co.
NORTH EMPORIA—Silver Distilling Co.
RICHMOND—Chesterfield Dist. Co.
Manchester Distilling Co.
Old Dominion Dist. Co.
Richmond Distilling Co.

WISCONSIN.

MILWAUKEE—Lakeside Distilling Co.
(Whiskey), 140 W Water
National Distilling Co. (Whiskey), ft
27th

3857— Distilling Apparatus

See also Stills of Various Kinds
American Engineering Co. (For Marine
Work), Aramingo av & Cumberland,
Phila., Pa.
Badger E. B. & Sons Co. ("Barbet" for
Alcohol, Rum, Wood, etc), 75 Pitts,
Boston, Mass.
Baeuerle & Morris (For Alcohol, Whis-
key, Turpentine, Water, Pine, Oils,
etc), 932 N Front, Phila., Pa.
Devine J. P. Co. (For Wood), Buffalo, N. Y.
Gerstein Bros. & Cooper (All Kinds), 1
& 3 W 3d, South Boston, Mass.
GRISCOM-RUSSELL CO. (Water, also
Salt Water & Chemicals), 92 West,
New York See adv index at end of book
Hoffman-Ahlers Co. (Wood Alcohol, Tur-
pentine, Vinegar, etc), 828 E Pearl,
Cincinnati, O.
Lummus Walter E. Co., 173 Milk, Boston,
Mass.
Philadelphia Coppersmithing Co., 222 N
Front, Phila., Pa.
SCHUTTE & KOERTING CO. ("S. & K." for
Producing Fresh Water), 1251 No.
12th, Phila., Pa.
Standard Water Systems Co. ("Tripure"
Water), Hampton, N. J.
Triumph Ice Machine Co. (Refrigeration),
Oakley, Cincinnati, O.
Yaryan Co. ("Yaryan" System for Pro-
ducing Fresh Water from Sea Water,
etc.), 25 Church, New York

Distributors (Asphalt & Tar)

See Road Oilers & Distributors

3858—Distributors (Fertilizer)

Akron Cultivator Co. ("Akron" Horse),
Akron, O.
American Seeding Machine Co., Spring-
field, O.
Avery B. F. & Sons ("Avery's Improved,"
"Knocker," "Pet"), Louisville, Ky.
Ayers J. R. (Single Row One Horse), Pe-
tersburg, Va.
Bateman Mfg. Co. ("Advance," "Iron
Age"), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co.
("Stevens," Hand & Horse), Chicopee
Falls, Mass.
Brinly Hardy Co., Louisville, Ky.
Brown Mfg. Co. ("Brown"), Zanesville, O.
Crown Mfg. Co., Phelps, N. Y.
Fletcher John C. (Guano), McColl, S. C.
Gantt Mfg. Co. (Guano), Macon, Ga.
Genung C. W. ("Iron King"), Madison, O.
Greenwood Mfg. Co. ("Greenwood Top
Feed"), Lawrence, Mass.
Harriman Mfg. Co. ("Tillman" Hand),
Harriman, Tenn.
Hench & Dromgold Co. ("H. & D."), York,
Pa.
International Harvester Company of Am-
erica, Inc., 702 Harvester bldg, Chi-
cago, Ill. See adv index at end of book
Leavitt Mfg. Co. ("Soil Feeder"), Urbana,
Ill.
McWhorter Mfg. Co., Riverton, N. J.
Ontario Drill Co., East Rochester, N. Y.
Peoria Drill & Seeder Co. ("Peoria-Phos-
phatey"), Peoria, Ill.
Richardson Mfg. Co. ("Broadcast"), Wor-
cester, Mass.
Southern Plow Co. ("Georgia"), Colum-
bus, Ga.
Sterling Mfg. Co. ("Sterling"), Sterling,
Ill.
Thomas Mfg. Co. (Orange Grove & Or-
chard), Springfield, O.
Towers & Sullivan Mfg. Co. ("Roman,"
"Tip-Top," "Universal"), Rome, Ga.
Williams Bros. ("Ithaca"), Ithaca, N. Y.
Wirtz & Hernlen ("Farmer's Friend,"
"Richmond"), Augusta, Ga.

**3859—Ditcher, Grader & Loader
Combined**

American Road Machinery Co., Kennett
Square, Pa.
Good Roads Machinery Co., Fort Wayne,
Ind.
Marion Steam Shovel Co., P. O. Box 505,
Marion, O.
Snow T. W. Construction Co. ("Bowman"
Ditcher & Grader), 537 S Dearborn,
Chicago, Ill.
Western Wheeled Scraper Co., Aurora, Ill.

Ditching Machines

See Ditching Machines in Machinery Lists;
also Road Machines & Graders

3860— Divers (Submarine)

Boston Tow Boat Co., 111 Devonshire,
Boston, Mass.
Craemer Fred., 1220 Beach, Phila., Pa.
Humphreys Geo. 575 Clinton, Brooklyn,
N. Y.
Jenks Edward B. Co., 143 Liberty, New
York
Larkin P. J., 3 Coenties Slip, New York
Merritt & Chapman Derrick & Wrecking
Co., 17 Battery pl, New York
New York Submarine Cont. Co., 130 Pearl,
New York
Phillips H. W., Quincy, Mass.
Scott T. A. Co., New London, Conn.

3861— *Dividers (Extension)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

3862— *Dividers (Spring)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

3863—Dividers (Wing & Extension)

See also Compresses; also Calipers &
Dividers
Athol Machine Co. ("Premier" & "A. M.
C."), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence,
R. I.

Eagan Thos. F. Hardware Co. ("Cook's" & "Copeland's" Steel Extension), Worcester, Mass.
 Goodell-Pratt Co. (Spring), Greenfield, Mass.
 Johnson Wm. (Hedenberg Works), ("Cook's" Pattern Expansion Wing, etc), Newark, N. J.
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Scholborn Wm. Co. ("Excelsior"), New Haven, Conn.
 Union Tool Co., Orange, Mass.
 Welles F. A., Waukesha, Wis.

3864— Diving Apparatus

Hale, Alfred Rubber Co., 17 Covington, S B, Boston, Mass.
 Merrill-Stevens Co., Jacksonville, Fla.
 Morse A. J. & Son, 221 High, Boston, Mass.
 Schrader's A. Son, 783 Atlantic av, Brooklyn, N. Y.

3865— Dobby Pegs

Nelson W. H. & Son, Taunton, Mass.

3866— Dock Builders

CALIFORNIA.

SAN FRANCISCO—City Street Improvement Co., 166 Geary
 Healy-Tibbitts Construction Co., 9 Main
 Hyde, Harjes & Co., 110 Market
 San Francisco Bridge Co., Nevada Bank bldg
 Union Iron Works Co., 20th & Michigan

CONNECTICUT.

BRIDGEPORT—Hubbell W. W. & Co., 886 Main
 Toole & Sunderlin, Warner bldg
 NEW HAVEN—Alling Wm. H. Co.
 New Haven Rigging Co.
 Waterhouse Charles R., Jr., 74 Park
 NEW LONDON—Davidson Richard C.
 Scott T. A. Co.

DELAWARE.

WILMINGTON—Wills F. K. Co.

GEORGIA.

SAVANNAH—Ross P. Sanford (Br. of Jersey City, N. J.), 16 Bryan, E

ILLINOIS.

CHICAGO—Fitzsimmons & Connell Dredge & Dock Co., 10 S La Salle
 Great Lakes Dredge & Dock Co., 104 S Michigan av
 Kearns T. A. Co., 343 S Dearborn
 Raymond Concrete Pile Co., 111 W Monroe
STEWART JAS. & CO. (INC.), Westminster bldg

MAINE.

BANGOR—Spellman James F. & Sons Co.
 PORTLAND—Bennett Contracting Corp.
 WOOLWICH—Carleton F. W.

MARYLAND.

BALTIMORE—McLean Contracting Co., ft. E Fort av
 Sanford & Brooks Co., Water & Commerce

MASSACHUSETTS.

BOSTON—Ellis W. H. & Son Co., 479 Meridian
 Hersey A. A., 362 Border E. B.
 Lawler Bros., 16 City sq, Ch's'n
 Miller Wm. L., Ch's'm
 Norton W. A. Co., 285 Dorchester av
 Rendle W. S., E B
 CAMBRIDGE—Scully Jno. T. Foundation
 GLOUCESTER—Hall Bros.

MICHIGAN.

DETROIT—Candler Dock & Dredge Co., Moffat bldg
 Dupuis A. J. Co., Ford bldg
 Ginzler John Co., Buhl blk
 MARQUETTE—Powell & Mitchell
 SAULT SAINT MARIE—Great Lakes Dredge & Dock Co. (Br. of Chicago, Ill.)

MINNESOTA.

DULUTH—Duluth-Superior Dredging Co.
 Great Lakes Dredge & Dock Co. (Br. of Chicago, Ill.)

MISSOURI.

ST. LOUIS—**STEWART JAMES & CO., INC.**, Boatmen's Bank bldg

NEW JERSEY.

ELIZABETH—N. J. Dock & Bridge Bldg. Co., Dix bldg
 HACKENSACK—Long F. R.-W. G. Broadhurst Co.
 JERSEY CITY—Ross P. S., 277 Washington
 Stillman-Delanty-Ferris Co., 26 Exchange pl
 LONG BRANCH—Melee Owen J.

NEW YORK.

ALBANY—Dyer Jno., Jr., 6 S Pearl
 BUFFALO—Buffalo Dredging Co., Morgan bldg
 Burgard Henry P. Co., 1968 Filmore av
CHESLEY, EARL & HEIMBACH, INC., 20 Breckenbridge
 Horton D. E. Construction Co., Marine Nat Bank bldg
 Lake Erie Dredging Co., Morgan bldg
 KINGSTON—Powley Jos. L. Son
 NEWBURGH—Parrott Richard
 Parrott Wm.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Cronin Barth S. Co., 573 Clinton
 Humphreys George, 575 Clinton
 Walsh Geo. J., 446 47th
 Walsh John D., Inc., 397 Hancock

Boroughs of Manhattan and Bronx.

NEW YORK—Degnon Contracting Co. (See Boro. of Queens)
 Empire Eng. Corporation, 6 Church
 Foundation Co. (Engineers & Contractors, Concrete Piles & Steel & Wooden Sheetings), 44 Pearl
 General Contracting & Engineering Co., 29 B'way
 Hazell A. M., Inc., 26 Cortlandt
 Hood R. H. Co., 111 B'way
 Jenks Edward B. Co., 143 Liberty
 Monks John & Son, 82 Beaver
 N. Y. Submarine Contracting Co., 130 Pearl
 Phoenix Construction Co., 41 Park Row
 Raymond Concrete Pile Co. (Concrete), 140 Cedar
 Rhodes & Manvell, 90 West
 Riverside Contracting Co., 39 Cortlandt
 Rogers Geo. W. & Co., 29 B'way
 Rolf Bernard, 39 Cortlandt
 Spearin & Preston, 90 West
 Spooner Allen N. & Son, Pier 11, N. R.
STEWART JAS. & CO. (INC.), 30 Church
 Tilley Harry H., 258 E 138th

Borough of Queens.

LONG ISLAND CITY—Degnon Contracting Co., 68 Hunters Pt. av

Borough of Richmond.

PORT RICHMOND—Conklin Bros., 2080 Richmond ter

OHIO.

CLEVELAND—American Construction Co. (Also Intake Pipes, Outlet Sewers, & Breakwater Works), Rockefeller bldg
 Cleveland Dock Engineering Co., Citizens bldg
 Fath Construction Co., 5103 Euclid av
 Great Lakes Dredge & Dock Co., Williamson bldg (Br. of Chicago, Ill.)
 Hunkin-Conkey Construction Co., Cuyahoga bldg
 Strong C. H. & Son, Swetland bldg

PENNSYLVANIA.

PHILADELPHIA—American Dredging Co., Mariner & Merchant bldg
 Armstrong & Latta Co., Land Title bldg
 Brenneman J. E., 1523 S Front
 PITTSBURGH—Cummings Structural Concrete Co. (Concrete), Benedum Trees bldg
 Enterprise Contracting Co., Bessemer bldg
 Pihl & Miller, Wabash bldg

RHODE ISLAND.

PROVIDENCE—Stender Frank C. & Co., 86 Weybosset

TEXAS.

HOUSTON—**STEWART JAMES & CO. (INC.)**, First Nat Bank bldg

UTAH.

SALT LAKE CITY—**STEWART JAMES & CO. (INC.)**, Walker Bank bldg

VIRGINIA.

NORFOLK—Murray W. D. & Co.
 Sanford & Brooks Co.
 PORTSMOUTH—Cross E. & Son Co.
 URBANNA—Wagenen L. B.

WASHINGTON.

EVERETT—American Pile Driving Co. (Pile Driving)
 PORT TOWNSEND—Port Townsend Pile Driving Co.
 SEATTLE—Geske C. & Co., Inc.
 McEachern J. A. Co. (Also Pile Driving)
 TACOMA—Burgeson C. F.
 Rutherford D. W.

WISCONSIN.

GREEN BAY—Greiling Bros. Co.
 MILWAUKEE—Gillen Edw. E. Co., Wells bldg
 SUPERIOR—Whitney Bros. Co.

3867—**Doctors & Feeds (Calender)**
 Dillon Machine Co., Lawrence, Mass.

3868— **Dogs (Bench)**
 Stortz John & Son, 210 Vine, Phila., Pa.

3869— **Dogs (Cable)**
 Star Expansion Bolt Co. ("Star"), 147 Cedar, New York

3870— **Dogs (Chain)**
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
 Nixdorff-Krein Mfg. Co., St. Louis, Mo.

Dogs (Clamp)

See Dogs, Lathe

3871— **Dogs (Die)**

Billings & Spencer Co. (Drop Forged), Hartford, Conn.

3872— **Dogs (Lathe)**

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.
 Besly Chas. H. & Co. (Heavy Steel), 120 N Clinton, Chicago, Ill.
 Billings & Spencer Co. (Drop Forged Safety), Hartford, Conn.

BONNEY VISE & TOOL WORKS ("Indispensable" Light & Heavy Steel and Safety), Allentown, Pa.
Channon Jas. H. Mfg Co., 227 W Erie, Chicago, Ill.
Chester Steel Castings Co., Chester, Pa.
Fowler Lamp & Mfg. Co. ("Fowler" Adjustable Center Crankshaft), 59 E 24th, Chicago, Ill.
Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.
Mark Mfg. Co., Evanston, Ill.
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
Oneida National Chuck Co. ("National" Safety), Oneida, N. Y.
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.
Ready Tool Co. ("Hill"), Bridgeport, Conn.
Union Tool Co. ("Hill" Drop Forged), Orange, Mass.
Western Tool & Mfg. Co., Springfield, O.
Williams J. H. & Co. ("Vulcan" Safety Drop Forged), 156 Hamilton av, Brooklyn, N. Y.
Yost G. M. Mfg. Co., Meadville, Pa.

3873—Dogs (Milling Machine)

Irvington Mfg. Co., Irvington, N. J.
Ready Tool Co. ("Ready" Compensating), Bridgeport, Conn.
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

3874—Dogs (Pinch)

(For Foundry Use)

Cleveland Galvanizing Works Co., Cleveland, O.
Diamond Clamp & Flask Co., Richmond, Ind.
Johnson Wm. (Hedenberg Works), Newark, N. J.
Shanafelt Mfg. Co., Canton, O.
Timmis & Clissold, Bound Brook, N. J.
Wellman Pattern Supply Co., Cleveland, O.

3875—Dogs (Rafting & Lumber)

American Logging Tool Co., Evart, Mich.
Anderson Forge & Machine Co., Detroit, Mich.
Bethlehem Steel Co., So Bethlehem, Pa.
Hayden-Corbett Chain Co., Columbus, O.
See adv index at end of book
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
McKay Jas Co., Thompson av, Pittsburgh, Pa.
New Castle Steel & Iron Co., Pittsburgh, Pa.
Nixdorff-Krein Mfg. Co., 900 Howard, St. Louis, Mo.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
Oshkosh Mfg. Co., Oshkosh, Wis.
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Warren Axe & Tool Co., Warren, Pa.

Dogs (Ring)

See Dogs, Rafting & Lumber

3876—Dogs (Saw Mill)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Saw Mill Machinery Co. ("American" Giant Duplex & "Knight's"), Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Canton Saw Co., Canton, O.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works ("Diamond & Dittenbenner"), 2nd & 18th av, N Minneapolis, Minn.
Farquhar A. B. Co. (Ltd.), York, Pa.
Filler & Stowell Co., Milwaukee, Wis.
Frick Co., Waynesboro, Pa.
Garland M. Co. (Double Grip), Bay City, Mich.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hinds Thos. Co., Malone, N. Y.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Lippert E. T. Saw Co., Millvale, Pa.
Peavey Mfg. Co. ("Peavey"), Bangor, Me.
Phoenix Mfg. Co., Eau Claire, Wis.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
Sinker-Davis Co., Indianapolis, Ind.
Soule Steam Feed Works, Meridian, Miss.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Co., Erie, Pa.
Wheland Co., Chattanooga, Tenn.

3877—Dogs (Timber)

See Dogs, Rafting & Lumber

3878—Doilies (Paper)

Embree Co., Buena Vista, Va.
Japanese Tissue Mills (Paper), Holyoke, Mass.
Milwaukee Lace Paper Co. ("Peerless"), Milwaukee, Wis.

3879—Dollies (Bridge Builders')

Atha Tool Co., Chapel, Newark, N. J.

3880—Dollies (Lumber)

Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lakewood Engineering Co., Cleveland, O.
See adv index at end of book
Lansing Co., Lansing, Mich.
Morley Bros., Saginaw, Mich.
Oshkosh Mfg. Co., Oshkosh, Wis.
Payne & Joubert Mach. & Fdry Co., Howard & Euphrosine, New Orleans, La.
Sasgen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
Soule Steam Feed Works, Meridian, Miss.
Western Wheel Barrow Mfg. Co., South Fort Smith, Ark.

3881—Dollies (Riveting)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

3882—Dollies (Tinner's & Roofers')

Emrich Phil., 824 Main, Cincinnati, O.

Dollies (Timber)

See Dollies, Lumber

3883—Door Bumpers

Andrews Mfg. Co. (Base Knobs), 413 Commerce, Phila., Pa.
Champion Hardware Co. ("Champion" Metallic), Geneva, O.
Columbus Brass Co., 538 Dublin, av, Columbus, O.
See adv index at end of book
Diehl Novelty Co. ("Walds"), Glenbeulah, Wis.
Elastic Tip Co., 370 Atlantic av, Boston, Mass.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Gallup Ruffing Handle Co. (Wood), Norwalk, O.
Hart Sash Holder Co. (Automatic Bumper & Holder), Lexington, Mo.
Lawrence Bros., Sterling, Ill.
Penn Hardware Co., Reading, Pa.
S. & I. Co. (Ash, Birch & Maple), Springfield, Mass.
Shelby Spring Hinge Co., (Also Screen Doors), Shelby, O.
Stephenson Mfg. Co. (Wood), South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Windham Handle Co., South Windham, Conn.

3884-5—Door Check & Spring Mfrs.

See also Springs, Door

Automatic Door Catch Co. ("Little Tiger" Automatic), Harvey, Ill.
Banker Mfg. Co. ("Invisible"), New Brunswick, N. J.

Barnett Oscar Foundry Co. ("Barnett Pneumatic"), Lyons av, Newark, N. J.
Bayer Gardner-Himes Co. ("Awl-In-One" Checking Spring Hinge), 101 Park av, New York
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Caldwell Mfg. Co. (Checks, "Dime," "Caldwell"), Rochester, N. Y.
Concealed Door Check Mfg. Co., 331 S Clinton, Chicago, Ill.
Corbin P. & F., New Britain, Conn.
Dunn Mfg. Co., Mankato, Minn.
Morgan Spring Co. ("Perfection"), Worcester, Mass.
Norton Door Check Co., 904 W Lake, Chicago, Ill.
Pullman Mfg. Co. (Door Checks, "Pullman's"), Rochester, N. Y.
Reading Hardware Co. ("Reading"), Reading, Pa.
Rixson Oscar C. Co. ("Rixson" Liquid, Single & Double Acting), 501 S Jefferson, Chicago, Ill.
Russell & Erwin Mfg. Co. ("Russwin" Liquid), New Britain, Conn.
Sargent & Co. ("Sargent", Liquid, "Eclipse"), New Haven, Conn.
Stronach Door Check Co., 618 S Canal, Chicago, Ill.
Upson Nut Co., Cleveland, O.
Worcester Mfg. Co. ("Blount Improved"), Worcester, Mass.
Yale & Towne Mfg. Co. ("Bardsley" & "Blount" Liquid), 9 E 40th, New York

3886—Door Frames (Wrought Iron, Welded Corners)

Braun J. G., 609 S Paulina, Chicago, Ill.

3887—Door Hangers

Allith-Prouty Co. ("Reliable", Ball & Roller Bearing), Danville, Ill.
Bridgeport Hardware Mfg. Corp. ("Perfect"), Bridgeport, Conn.
Burkhardt John (Bronze), 531 W 55th, New York
Chisholm-Moore Mfg. Co., 49th to 53d & Lake, Cleveland, O.
COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
Coleman Hardware Co. (Barn), 122 S Michigan av, Chicago, Ill.
Diamond Door Hanger Co. ("Diamond" Tubular Ball Bearing), 28 Rodney, Brooklyn, New York
Dix Mfg. Co. ("Dix" Noiseless), Eager & Fallsway, Baltimore, Md.
Frantz Mfg. Co., Sterling, Ill.
Griffin Mfg. Co., Erie, Pa.
Harris & Reed (Ball Bearing), 1500 W 15th, Chicago, Ill.
Hunt, Helm, Ferris & Co. ("Cannon Ball"), Harvard, Ill.
Lane Bros. Co. (Auditorium, Barn, Fire, Garage, Parlour, Warehouse, etc.), Poughkeepsie, N. Y.
Lawrence Bros. (General), Sterling, Ill.
Louden Machinery Co., Fairfield, Ia.
McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing & Tubular), 425 W 25th, New York
McKinney Mfg. Co. (Barn Door), N S, Pittsburgh, Pa.
Martin S. B. ("Martin's"), Dalton, O.
MYERS F. E. & BRO. (Giant Tubular, Stayon Sure Grip, O. K.), 800 Orange, Ashland, O. *See adv index at end of book*
National Mfg. Co. ("Silent"), Sterling, Ill.
National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.
Newhall Henry B., 89 West, New York
Pacific Tank & Pipe Co. ("Pitcher" Sliding), 318 Market, San Francisco, Cal.
Penn Hardware Co., Reading, Pa.
Porter J. E. Co., Ottawa, Ill.
Reading Hardware Co., Reading, Pa.
Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E. 42nd, New York
Richards-Wilcox Mfg. Co. (Residence, Flats, Apartments, "Hero," "Palace," "LeRoy," "Royal," "Advance," "Ramblor," "Simplex," "Model," "Champion"), Aurora, Ill.
Richey, Brown & Donald (Crescent), Flushing av, Maspeth, Borough of Queens, New York
Richmond Safety Gate Co., Richmond, Ind.

Safety Door Hanger Co. ("World's Best," "Red Rib" & "Wizard" Adjustable), Ashland, O.
 St. Louis Car Co. (Adjustable), 8000 N B'way, St. Louis, Mo.
 Sharon Hardware Mfg. Co. ("Sharon") No. 75 Storm Proof, Sharon, Pa.
 Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
 Stowell Co., The ("Wilbern Adjustable," "Ajax Hinged"), South Milwaukee, Wis.
 Swett A. L. Iron Works, Medina, N. Y.
 Victor Mfg. Co. ("Victor"), Newburyport, Mass.
 Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.
 Whitaker Mfg. Co. ("Whitaker"), 409 S Green, Chicago, Ill.
 Wrightsville Hdware Co., Wrightsville, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York

3888—Door Hangers (Accordion or Folding)

Allith-Prouty Co. ("Allith"), Danville, Ill.
 McCabe Hanger Mfg. Co. ("McCabe"), 425 W 25th, New York

3889—Door Hangers (Adjustable)

MYERS F. E. & BRO., 800 Orange, Ashland, Ohio
See adv index at end of book
 St. Louis Car Co. (Car), 8000 N B'way, St. Louis, Mo.

3890—Door Hangers (Auditorium)

COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
 Lane Bros. Co., Poughkeepsie, N. Y.
 Richards-Wilcox Mfg. Co. ("Richards" Folding), 3d & Q sts, Aurora, Ill.
 Sharon Hardware Mfg. Co., Sharon, Pa.

3891—Door Hangers (Barn or Warehouse)

Allith-Prouty Co. ("Allith" & "Reliable," Roller Bearing), Danville, Ill.
 Arnold Co. ("Arnold," "Best," "Boss," "Duplex," etc), Norwalk, Conn.
 Aurora Door Hanger & Specialty Co., Aurora, Ill.
 Chisholm-Moore Mfg. Co. (Warehouse Only), 49th to 53d & Lake, Cleveland, Ohio

COBURN TROLLEY TRACK MFG. CO. ("Coburn"), P. O. Box 721, Holyoke, Mass.
 Cronk & Carrier Mfg. Co. (Steel Roller Bearings & Loose Axle), Elmira, N. Y.
 Frantz Mfg. Co. ("Glide"), Sterling, Ill.
 Griffin Mfg. Co. ("American"), Erie, Pa.
 Hunt, Helm, Ferris & Co. ("Star," "U. S.," "Giant," "Knoxall," "20th Century," Plain & Ball Bearing, Harvard, Ill.
 Hurst H. L. Mfg. Co., Canton, O.
 Lane Bros Co., Poughkeepsie, N. Y.
 Lawrence Bros. ("Lawrence" Trolley, "Cyclone," "Clipper," "Union," "New Giant," "King Bee," "Cleveland," "Century," "Hummer," "Peerless," "Sterling," "Electric," also Parlor Door), Sterling, Ill.
 Loudon Machinery Co. ("Louden," "Royal"), Fairfield, Ia.
 McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
 McKinney Mfg. Co. ("Keystone"), N. S., Pittsburgh, Pa.
 Martin S. B. ("Martin Wonder," "Bird," "Channel"), Dalton, O.

MYERS F. E. & BRO. ("Faultless" "Myers" Adjustable Tandem, "O. K." & "Stayon" Flexible, "Sure Grip" Flexible, "Sure Grip" Tandem Flexible, "Sure Grip" Adjustable Tandem, "O. K. Adjustable," "New Way" Tubular, & "Giant" Tubular), 800 Orange, Ashland, O.
See adv index at end of book

National Mfg. Co. ("National," "Big 4," "Stormproof," "National"), Sterling, Ill.
 Newhall Henry B., 89 West, New York
 Ney Mfg. Co., Canton, O.
 Penn Hardware Co., Reading, Pa.
 Porter J. E. Co. ("Tonado," "Whirlwind," "Can'tgetoff" & "Porter's"), Ottawa, Ill.

Reading Hardware Co., Reading, Pa.
 Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E 42nd, New York
 Richards-Wilcox Mfg. Co. ("Richards," Ball Bearing, "Acme," "Ajax," "Duplex," "Everson," "Gem," "Richards Boss," "Richard Peerless," "King," "Samson," "Standard," "Superior," "Sure-On," "U. S.," "Victor," "World," "Expansion," "Jumbo," "Hercules," "New Jap," "Nero," "Erie," "L. T.," "O. K.," "Wilcox," "Wilcox-Tandem," "Wilcox Stay-on," "Wilcox World Wide" Roller Bearings), Aurora, Ill.
 Richey, Browne & Donald ("Crescent"), Flushing av, Maspeth, Borough of Queens, New York City.
 Richmond Safety Gate Co., Richmond, Ind.

Safety Door Hanger Co. ("Safety," "Storm King," "World's Best," "U. S. Standard," "Wizard Adjustable," "Red-Rib"), Ashland, O.
 Sargent & Co., New Haven, Conn.
 Sharon Hardware Mfg. Co. ("Sharon Trolley," "Common," "Big Ben," No. 75 Storm Proof), Sharon, Pa.

Souther E. E. Iron Co. ("Run Easy"), Klenlin & Hamburger, St. Louis, Mo.
 Stowell Co., The ("Ajax," "Wilbern," "Wilbern Adjustable"), So Milwaukee, Wis.
 Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.
 Swett A. L. Iron Works ("Pilot"), Medina, N. Y.
 Swineford G. A. Co. ("Hinge-Stay-On"), Canton, O.

Taylor & Boggis Foundry Co., Cleveland, O.
 Victor Mfg. Co. ("Victor"), Newburyport, Mass.
 Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.
 Whitaker Mfg. Co. ("Whitaker"), 409 S Green, Chicago, Ill.
 Wrightsville Hardware Co., Wrightsville, Pa.

3892—Door Hangers (Car)
 Chisholm-Moore Mfg. Co. ("Moore's Baggage Door"), 49th to 53rd & Lake, Cleveland, O.
 Jones Car Door Co., Monadnock blk, Chicago, Ill.
 McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
 Newhall Henry B., 89 West, New York
 Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E 42nd, New York
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Stowell Co., The ("Stowell," "Wilbern Adjustable," "Moore"), So Milwaukee, Wis.

3892—Door Hangers (Car)

3893—Door Hangers (Elevator)
 Chisholm-Moore Mfg. Co. ("Moore's," Anti-Friction Roller Bearing), 49th to 53rd & Lake, Cleveland, O.
 Grant Pulley & Hardware Co. ("Diamond"), 101 Park av, New York
 McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
 Newhall Henry B., 89 West, New York
 Reliance Ball Bearing Door Hanger Co. ("Reliance"), 30 E 42nd, New York
 Richards-Wilcox Mfg. Co. ("Ideal," "Invincible" Ball & Roller Bearing), Aurora, Ill.
 Richmond Safety Gate Co., Richmond, Ind.

3893—Door Hangers (Elevator)

SMITH F. P. WIRE & IRON WORKS Ill. *See adv index at end of book*
 Stowell Co., The ("Wilbern Adjustable" Loose Axle & Roller Bearing), S. Milwaukee, Wis.

3894—Door Hangers (Fire)
 Allith-Prouty Co. ("Allith & Prouty," "Lane" Roller Bearing), Danville, Ill.
 Aurora Door Hanger & Specialty Co., Aurora, Ill.
 Brewer Bros. Co. (Sliding), 614 Filbert, Phila., Pa.
 California Fire Proof Door Co. ("Wilcox"), Los Angeles, Cal.
 Lane Bros. Co., Poughkeepsie, N. Y.

3894—Door Hangers (Fire)

3895—Door Hangers (Parlor)
 Allith-Prouty Co. (Ball Bearing, "Reliable"), Danville, Ill.
 Aurora Door Hanger & Specialty Co., Aurora, Ill.
COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
 Dix Mfg. Co. ("Dix" Noiseless), Eager & Falls, Baltimore, Md.
 Hunt, Helm, Ferris & Co. ("Cannon Ball," Roller Bearing), Harvard, Ill.
 Lane Bros. Co. ("Lanes Standard"), Poughkeepsie, N. Y.
 Lawrence Bros. ("Easy," "Lawrence," "Cyclone," "City," "Accordion New Electric Six"), Sterling, Ill.
 Luitink & Sons Mfg. Co., 775 18th, Milwaukee, Wis.
 McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York
 National Mfg. Co. ("Silent"), Sterling, Ill.
 National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.
 Newhall Henry B., 89 West, New York
 Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E 42nd, New York
 Richards-Wilcox Mfg. Co. (Trolley, Ball & Roller Bearing, etc), Aurora, Ill.
 Richey, Browne & Donald (Crescent), Flushing av, Maspeth, Borough of Queens, New York City
 Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.
 Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
 Newhall Henry B., 89 West, New York
 Peters Jas. & Son (Sliding), 1934 N Front, Phila., Pa.

Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E 42nd, New York

Richards-Wilcox Mfg. Co. (Roller Bearing, also Fixtures), Aurora, Ill.

Richmond Safety Gate Co., Richmond, Ind.
 Stowell Co., The ("Wilbern Adjustable," "Underwriters"), S Milwaukee, Wis.

Victor Mfg. Co. ("Victor"), Newburyport, Mass.

3895—Door Hangers (Parlor)

3896—Door Hangers (Sliding or Folding)
 Allith-Prouty Co. ("Reliable"), Danville, Ill.
 Aurora Door Hanger & Specialty Co., Aurora, Ill.
COBURN TROLLEY TRACK MFG. CO. (Sliding), P. O. Box 721, Holyoke, Mass.
 Dix Mfg. Co. ("Dix" Noiseless), Eager & Falls, Baltimore, Md.
 Hunt, Helm, Ferris & Co. ("Cannon Ball," Roller Bearing), Harvard, Ill.
 Lane Bros. Co. ("Lanes Standard"), Poughkeepsie, N. Y.
 Lawrence Bros. ("Easy," "Lawrence," "Cyclone," "City," "Accordion New Electric Six"), Sterling, Ill.
 Luitink & Sons Mfg. Co., 775 18th, Milwaukee, Wis.

McCabe Hanger Mfg. Co. ("McCabe" Ball-Bearing, etc), 425 W 25th, New York

National Mfg. Co. ("Silent"), Sterling, Ill.

National Supply & Mfg. Co. ("National"), 2362 Palm, St. Louis, Mo.

Newhall Henry B., 89 West, New York
 Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E 42nd, New York

Richards-Wilcox Mfg. Co. (Trolley, Ball & Roller Bearing, etc), Aurora, Ill.

Richey, Browne & Donald (Crescent), Flushing av, Maspeth, Borough of Queens, New York City

Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.

Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

3896—Door Hangers (Sliding or Folding)

Allith-Prouty Co. ("Reliable"), Danville, Ill.
 Lane Bros. Co., Poughkeepsie, N. Y.
 McCabe Hanger Mfg. Co. (Ball-Bearing & Tubular), 425 W 25th, New York
MYERS F. E. & BRO. (Giant Tubular & Stayon), 800 Orange, Ashland, O.
See adv index at end of book

Newhall Henry B., 89 West, New York
 Pacific Tank Pipe Co. ("Pitcher" Sliding), Los Angeles, Cal.

Reliance Ball Bearing Door Hanger Co. ("Reliance" Ball Bearing), 30 E 42nd, New York

Richey, Browne & Donald (Crescent), Flushing av, Maspeth, Borough of Queens, New York City

Richmond Safety Gate Co., Richmond, Ind.
 Sharon Hardware Mfg. Co., Sharon, Pa.

3897—Door Hangers (Trolley Track)

Allith-Prouty Co., Danville, Ill.
 Aurora Door Hanger & Specialty Co., Aurora, Ill.
 Frantz Mfg. Co. ("Glide"), Sterling, Ill.
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
 Newhall Henry B., 89 West, New York
 Richards-Wilcox Mfg. Co., Aurora, Ill.
 Sharon Hardware Mfg. Co. ("Penn," "Flying Dutchman," "B. B.," "Sharon"), Sharon, Pa.
 Wagner Mfg. Co. ("Wagner Leader"), Cedar Falls, Ia.

3898— *Door Holders

See also Door Stops

Brainerd Mfg. Co., East Rochester, N. Y.
CHAMPION HARDWARE CO. ("Champion"), Geneva, O.
 Griffin Mfg. Co. (Garage), Erie, Pa.
STANLEY WORKS, (Garage Wrought Steel), New Britain, Conn.
See adv index at end of book

3899—Door Jambs (Drawn Steel)

Braun J. G., 609 S. Paulina, Chicago, Ill.
 Mesker Bros. Iron Co. (Drawn), 421 S 6th, St. Louis, Mo.
 Zahner Metal Sash & Door Co., Canton, O.

3900—Door Knobs (Brass & Bronze)

Art Hardware & Mfg. Co., Seattle, Wash.
 Barrows Lock Co., Lockport, Ill.
 Corbin P. & F., New Britain, Conn.
 Pacific Hardware Mfg. Co., Los Angeles, Cal.
 Sager Lock Co., North Chicago, Ill.
 Schroder J. B. & Co. 133 E 5th, Cincinnati, O.

Door Knobs (Common)

See Locks & Knobs

Door Knobs (Glass)

See Knobs, Glass

Door Knobs (Porcelain)

See Knobs, Porcelain

3901—Door Knobs (Screwless)

Corbin P. & F., New Britain, Conn.
 Mousley's Chas. Sons, 457 N 12th, Phila., Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co. (All Kinds), New Haven, Conn.

Door Knobs (Wood)

See Knobs, Wood

3902—Door Knockers (Colonial)

Boston Brass Andiron Co., 104 Utica, Boston, Mass.
 Elm City Brass & Rivet Co., Plainville, Conn.
 Penn Hardware Co., Reading, Pa.
 Safe Padlock & Hardware Co., Lancaster, Pa.
 Sargent & Co., New Haven, Conn.
 Stover Mfg. Co., Freeport, Ill.

3903—Door Openers (Electric)

Bunnell J. H. & Co., 32 Park pl, New York
 Corbin P. & F., New Britain, Conn.
 Edwards & Co., Exterior av & 140th, New York
 Keil Francis & Son, 401 E 163d, New York
 Manhattan Electrical Supply Co., 17 Park pl, New York
 Ostrander W. R. & Co., 371 B'way, New York
 Partrick & Wilkins Co., 51 No 7th, Phila., Pa.
 Schneider John S., Ridgefield, Conn.
 Standard Lock Co. ("Champion"), 113 Himrod, Brooklyn, N. Y.
 Wilhelm Henry, 72 Frost, Brooklyn, N. Y.

3904—Door Opening & Closing Device (Pneumatic)

Consolidated Car Heating Co. (For Cars), Albany, N. Y.

3905—Door Opening & Closing Device (Refrigerator Car)

Elevator Supplies Co., Inc., Hoboken, N. J.
 Mudge & Co. ("Garland"), 80 E Jackson blvd, Chicago, Ill.

3906— Door Stops

Aurora Door Hanger & Specialty Co., Aurora, Ill.
 Bogert & Hopper (Wooden), 67 Barclay, New York
 Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Brainerd Mfg. Co., East Rochester, N. Y.
 Brohard Co. ("Brohard" Holders), 3rd & Lehigh, Phila., Pa.
 Caldwell Mfg. Co. ("The Empire" & "Caldwell" Door Holder), Rochester, N. Y.
 Champion Hardware Co. ("Champion" Floor), Geneva, O.
 Chapin-Stephens Co., Pine Meadow, Conn.
 Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
 Corbin P. & F., New Britain, Conn.
 Dent Hardware Co. (Stops & Holders), Fullerton, Pa.
 Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
 Enterprise Hardware Mfg. Co., Frederick, Md.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Farrington Mfg. Co. (Also Holders), 23 Vale, Boston, Mass.
 Gallup Ruffing Handle Co., Norwalk, O.
 Griffin Mfg. Co. (Garage Door Holder), Erie, Pa.

Hardware Supply Co., Grand Rapids, Mich.
 Highton Wm. & Sons Co., Nashua, N. H.
 Hubley Mfg. Co. (Fancy), Lancaster, Pa.
 Ives H. B. Co., New Haven, Conn.
 Judd R. D., New Britain, Conn.
 National Mfg. Co. (Door Holder), Sterling, Ill.

North Wales Machine Co. ("North Wales" Door Holder), North Wales, Pa.
 Norwalk Lock Co., South Norwalk, Conn.
 Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.

Penn Hardware Co., Reading, Pa.
 Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
 Racine Metal Stamping Co. (Also Holders), Racine, Wis.
 Reading Hardware Co., Reading, Pa.
 Richards-Wilcox Mfg. Co. ("Richards," "Ever-Ready" & "Sure Grip," etc), Aurora, Ill.

Rixson Oscar C. Co. ("Rixson" Floor Check), 501 S Jefferson, Chicago, Ill.
 Rostand Mfg. Co. ("Rostand" Brass & Iron), Milford, Conn.
 Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.

Hendricks'

Commercial Register

IS USED FOR

Purchasing Purposes

IN ALMOST EVERY CLASS OF TRADE

Hollow Steel Doors

**METAL
PARTITIONS**

**ELEVATOR
CABS AND
DOORS**



**BRONZE
DOORS**

**METAL
BUILDING
TRIM**

Interior Metal Manufacturing Co.

JAMESTOWN, N. Y.

Sargent & Co. (Door Holders), New Haven, Conn.

Shelby Spring Hinge Co. (Door Holders for Garage Doors), Shelby, O.

STANLEY WORKS (Wrought Steel Door Holder), New Britain, Conn.
See adv index at end of book

Sterling Foundry Co. (Automatic Door Holder), Sterling, Ill.

STILES H. A. & CO. ("Hasco" Base Knobs), 93-97 Oliver, Boston, Mass.
See adv index at end of book

Strock L. W. & Co. (Wood), Bethlehem, Pa.

Superior Spring Hinge Co. ("Superior" Door Holder), 136 W Lake, Chicago, Ill.

Union Hardware Co., Torrington, Conn.

Weber-Knapp Co., Jamestown, N. Y.

Yale & Towne Mfg. Co., 9 E 40th, New York

3907— *Doors (Art Metal)

See also Bronze Doors; also Doors, Metal Entrance

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3908— Doors (Asbestos)

See also Asbestos Building Lumber
Alignum Products Co., 103 Park av, New York

3909— Doors (Ash-Pit)

Adams Co., Dubuque, Ia.
American Scale Co., Kansas City, Mo.
Bayley Wm. Co., Springfield, O.
Bolles J. E Iron & Wire Works, 4th & Porter, Detroit, Mich
Burr Co., Champaign, Ill.
Camden Iron Works, Salem, Va.
Canton Foundry & Machine Co., Canton, O.

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.

Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

Covert H. W. Co., 351 Lexington av, New York

Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.

Donaldson Bros., Mount Clemens, Mich.

Gehl Bros. Mfg. Co., West Bend, Wis.

Glascocock Stove & Mfg. Co., Greensboro, N. C.

Hastings Foundry & Iron Works, Hastings, Neb.

JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York.
See adv index at end of book

Jardine Walter S. & Son Co. (Fireplace), 85 Haverhill, Boston, Mass.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Littleford Bros., 444 E Pearl, Cincinnati, O.

Loetscher-Ryan Mfg. Co., Dubuque, Ia.

Lucas A. & Sons (Wrought Steel), 1329 S Washington, Peoria, Ill.

MacKINNON BOILER & MACHINE CO., 218 N Water Bay City, Mich
See adv index at end of book

Majestic Co. ("Majestic"), Huntington, Ind.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.

Quinn Wire & Iron Co., Boone, Ia.

Republic Mfg. Co., Milwaukee, Wis.

Rock Island Mfg. Co., Rock Island, Ill.

Rohns Albert & Co., Detroit, Mich.

St. Louis Wire & Iron Co., St. Louis, Mo.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

Sperry D. R. & Co., North Aurora, Ill.

Stowell Co., The (also Flue), So Milwaukee, Wis.

Swett A. L. Iron Works, Medina, N. Y.
Western Iron & Foundry Co., Wichita, Kan.

3910— Doors (Bakers' Oven)

Albrecht Francis J. (Automatic with Illuminating Connection), Pittsburgh, Pa.

Dutchess Tool Co., Fishkill on the Hudson, N. Y.

Lucas A. & Sons, 1329 S Washington, Peoria, Ill.

Mills Thos. & Bro., 8th & Thompson, Phila., Pa.

Robson Chas. & Co. ("Vienna" Patent), 8th & Washington av, Phila., Pa.

Sperry D. R. & Co., North Aurora, Ill.

Watkins Jas. Y. & Son, 20 Catharine, New York

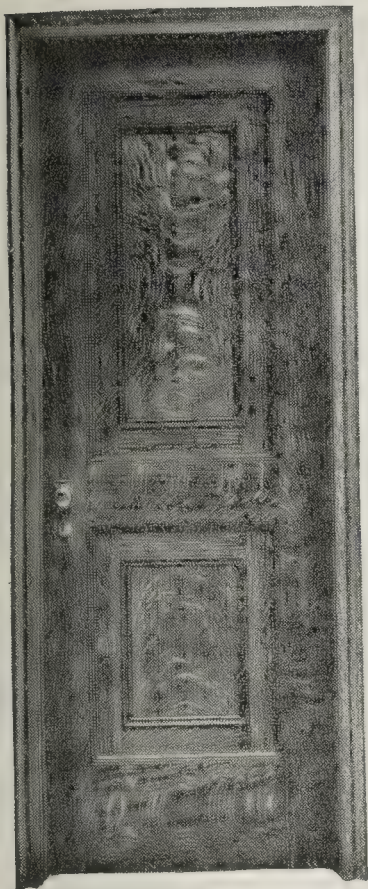
Western Iron & Foundry Co., Wichita, Kan.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

3911— Doors (Balance)

Jackson Wm. H. Company, 2-4-6 W 47th, New York



How strong is a chain with a weak link?

Only as strong as the weak link.

How fireproof is a "fireproof" partition with wooden doors?

Only as "fireproof" as the wooden door—"the weakest link."

Wood will burn. Is it not a delusion to call a building having wooden doors—fireproof?

It is now possible to obtain Real Fire Protection,—the kind that safeguards Life and Contents,—by eliminating all combustible materials, replacing the wooden doors and trim commonly used by

THE DAHLSTROM PRODUCTS

which makes the unit form of construction possible. Fire may destroy the contents of the room in which it starts, but the Dahlstrom Fireproof Doors and Trim will effectually prevent the fire from spreading to adjoining rooms or units.

And this is accomplished without any sacrifice of artistic value in finish and with the higher first cost more than compensated for by reduced cost of insurance and maintenance.

Those interested may have full information on request.

Dahlstrom Metallic Door Company

Executive Offices and Factories:

35 Blackstone Avenue, JAMESTOWN, N. Y.

Branch Offices or Representatives in principal cities



3912—Doors (Bronze & Iron)

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

DAHLSTROM METALLIC DOOR CO.

(Hollow Metal), 35 Blackstone av, Jamestown, N. Y.

See adv index at end of book

Ellison Brass Mfg. Co. (Bronze), Jamestown, N. Y.

GORHAM CO. ARCHITECTURAL BRONZE

5th av & 36th, New York

See adv index at end of book

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.

INTERIOR METAL MFG. CO., Jamestown, N. Y. See adv index at end of book

Jackson Wm. H. Company, 2 W 47th, New York

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Zahner Metal Sash & Door Co., Canton, O.

3913—Doors (Canopy)

Ogden J. Edward Co., 147 Cedar, New York

3913a—*Doors (Cast & Plate)

GORHAM CO. ARCHITECTURAL BRONZE (Every Description), 5th av, & 36th, New York

See adv index at end of book

3914—Doors (Cellar)

Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.

Canton Foundry & Machine Co., Canton, O. Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

Ernst C. K., Buffalo, N. Y.

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.

Huntington Iron Works (Flush), Huntington, W. Va.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Littleford Bros., 444 E Pearl, Cincinnati, O.

Lucas A. & Sons ("Flush Top" Wrought Steel), 1329 S Washington, Peoria, Ill.

Mesker Bros. Iron Co., 421 S 6th St. Louis, Mo.

MEYERS FRED. J. MFG. CO. (Steel Patented), Hamilton, O.

See adv index at end of book

Potts Mfg. Co. ("Potts"), Mechanicsburg, Pa.

Remaly Mfg. Co., Tamaqua, Pa.

St. Louis Wire & Iron Co. (Steel), St. Louis, Mo.

Schreiber L. & Sons Co. (Steel Patented), 3869 Ivanhoe, Cincinnati, O.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

3914a—Doors (Chain Screen)

Codd E. J. Co. (For Heat Protection), 700 So. Carolina, Baltimore, Md.

3915—Doors (Cleanout)

COVERT H. W. CO., 351 Lexington av, New York

St. Louis Wire & Iron Co., St. Louis, Mo.

Sterling Foundry Co. ("Best"), Sterling, Ill.

Western Iron & Foundry Co., Wichita, Kan.

Doors (Coal Hole)

See Doors, Ash-Pit

Doors (Coiling, Vertical)

See Partitions, Wood Rolling

3916—Doors (Cold Storage)

Brecht Co. (Cork Insulated), 1201 Cass av, St. Louis, Mo.

Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.

Jamison Cold Storage Door Co. ("Jones," "No-Equal"), Hagerstown, Md.

Jones R. E., Hagerstown, Md.

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.

See adv index at end of book

Stevens Benj. A. Co., Toledo, O.

Stevenson Cold Storage Door Co. (Air & Fireproof), Chester, Pa.

3917—Doors (Copper Covered)

See also Doors, Fire-Proof, Metal & Metal Covered

Dowman-Dozier Mfg. Co., Atlanta, Ga.

Empire Art Metal Co., Inc., College Point, L. I., N. Y.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.

VAILE & YOUNG, 216 No Calvert, Baltimore, Md.

3918—Doors (Crane Runway)

Ogden J. Edward Co., 147 Cedar, New York

3919—Doors (Cypress, Wholesale)

Carr, Ryder & Adams Co., Dubuque Ia.

Curtis Bros. & Co., Clinton, Ia.

Farley & Loetscher Mfg. Co., Dubuque, Ia.

Gordon, Vantine Co., Davenport, Ia.

Goshen Sash & Door Co., Goshen, Ind.

Lutcher & Moore Cypress Lumber Co., Ltd., Lutcher, La.

McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.

Morgan Co., Oshkosh, Wis.

Riggs Cypress Co. (Ltd.), Patterson, La.

Rock Island Sash & Door Works, Rock Island, Ill.

St. Louis Sash & Door Works, B'way & Destrehan, St. Louis, Mo.

Sanders Bros. Mfg. Co., Ottawa, Ill.

Selden Cypress Door Co., Palatka, Fla.

STEARNS A. T. LUMBER CO. (Retail), 100 Taylor, Neponset, Boston, Mass.

See adv index at end of book

3920— Doors (Drop Fire)

Allith-Prouty Co. ("Reliable" Automatic Self-Closing), Danville, Ill.
 Boughton Door Co. (Automatic Self-Closing), 311 Atlantic av, Boston, Mass.
 Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
 Johnson Geo. W. Mfg. Co., 810 Monroe, Kansas City, Mo.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

3921— Doors (Dry Kiln)

American Clay Machinery Co. ("J. W. Penfield & Sons"), S Walnut, Bucyrus, O.
 Hussey John R., Indianapolis, Ind.
 Johnson Geo. W. Mfg. Co., Kansas City, Mo.

3922— *Doors (Elevating)

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3923— *Doors (Elevator)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

3924—Doors (Elevator, Automatic)

See also Doors, Hatch, Automatic

Bardsley Bros. Co., 151 Baxter, New York
HANKE IRON & WIRE WORKS ("The Meeker"), 800 No. Albany av, Chicago, Ill. *See adv index at end of book*
 Johnson Geo. W. Mfg. Co., St. Louis, Mo.
 Kinnear Mfg. Co., Columbus, O.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Reedy H. J. Co. (Standard Styles), 15 W 2d, Cincinnati, O.
 Saino Fire Door & Shutter Co., Memphis, Tenn.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Standard-Tyler Co. ("Otis" Patent Two-Thirds Opening), 2436 W 15th, Chicago, Ill.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine Bank bldg, Buffalo, N. Y.
See adv index at end of book

3925—Doors (Elevator, Automatic Fire)

See also Doors & Shutters, Fireproof; also Doors, Fire, Tin Clad
 Banner Iron Works, Shaw av & Oak Hill Ry, St. Louis, Mo.
 Beckwith Elevator Co., 123 Pearl, Boston, Mass.
 Boughton Door Co., 311 Atlantic av, Boston, Mass.
 Brodie Wm. H. Co., 38 Park pl, New York
 Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
 Dentler, Bagger Co., Vicksburg, Mich.
 Dowman-Dozier Mfg. Co., Atlanta, Ga.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Empire Art Metal Co., Inc., College Point, L. I., N. Y.
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
 Johnson Geo. W. Mfg. Co., Kansas City, Mo.
 Kinnear Mfg. Co., Columbus, O.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 National Fireproof Sash & Door Co., 449 Stagg, Brooklyn, N. Y.
 Peele Co. ("Peele" Counterbalanced), Stewart av, & Harrison pl., Brooklyn, N. Y.
 Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
 Plocher Andrew Sons Co., Dayton, O.
 Reedy H. J. Co., 15 W 2d, Cincinnati, O.
 Richmond Safety Gate Co., Richmond, Ind.
 Rochester Automatic Elevator Door Co. (Fireproof Safety Fire Doors), Rochester, N. Y.

Smith F. P. Wire & Iron Works Lake & Dearborn Chicago, Ill.
See adv index at end of book
 Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.
 Variety Mfg. Co. ("Cross" Folding), 2958 Carroll av, Chicago, Ill.
 Victor Mfg. Co. ("Victor"), Newburyport, Mass.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine Bank bldg, Buffalo, N. Y.
See adv index at end of book
 Zahner Metal Sash & Door Co., Canton, O.

3926—*Doors (Elevator, Bronze)

See also Bronze Doors

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
 Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO. (Bronze & Hollow Metal), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
GORHAM CO. ARCH'L BRONZE (Also Brass), 5th av & 36th, New York.
 Works: Providence, R. I.
See adv index at end of book
INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

3927— Doors (Fir)

Chehalis Fir Door Co., McCleary, Wash.
 Pacific Mutual Door Co., Tacoma, Wash.

3928—*Doors (Fire Proof, Hollow Metal)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO. ("Dahlstrom" Patent Construction, Artistically Finished, Absolutely Fireproof, Hollow Metal, Steel, Bronze or Copper), 35 Blackstone av, Jamestown, N. Y., & 299 B'way, New York
See adv index at end of book

3929—*Doors (Fireproof, Hollow Steel)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO. ("Dahlstrom" Patent Construction, Artistically Finished, Sanitary & Absolutely Fireproof), 35 Blackstone av, Jamestown, N. Y., & 299 B'way, N. Y.
See adv index at end of book
 Interior Metal Mfg. Co., Jamestown, N. Y.
See adv index at end of book

3930—Doors (Fire Proof, Metal & Metal Covered)

American Sheet Metal Works, 3500 S Carrollton, New Orleans, La.
 Art Metal Construction Co. (Hollow Metal), Jamestown, N. Y.
 Art Metal Fire Proof Door & Trim Co., 2732 Wentworth av, Chicago, Ill.
 Boughton Door Co., 311 Atlantic av, Boston, Mass.
 Buffalo Fire Door Co., 80 Terrace, Buffalo, N. Y.
 Chesley A. C. Co., 275 Rider av, New York
 Cincinnati Mfg. Co. (Hollow Metal, "Underwriters Label" & Metal Covered), Cincinnati, O. *See adv index at end of book*
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
 Crown Metal Construction Co., Jamestown, N. Y.
 Dexter Metal Mfg Co (Cellar Iron), 93 Arch, Camden, N. J.
 Dowman-Dozier Mfg. Co. (Hollow Sheet Metal Panel), Atlanta, Ga.
EDWARDS MFG CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Empire Art Metal Co., Inc., College Point, L. I., N. Y.

Grinden Art Metal Co. (Hollow Metal, All Steel, also Bronze or Copper), 427 Marcy av, Brooklyn, N. Y.
 Harris S. H. Co. ("Meeker" Metal Covered), 610 W Lake, Chicago, Ill.
Herrmann & Grace Co., 671 Bergen, Brooklyn, N. Y.
 Howell, Field & Goddard (Metal Covered), Review av, Long Island City, N. Y.
INTERIOR METAL MFG. CO. (Hollow Metal), Jamestown, N. Y.
See adv index at end of book
 Johnson Geo. W. Mfg. Co. (Metal Covered), St. Louis, Mo.
 Kinner Mfg. Co. ("Ajax," "Abacus" Approved Fire Doors), Columbus, O.
 Knisley H. C. Co. (Hollow Metal), 1903 S Western av, Chicago, Ill.
 Knoburn Co. (Steel, Filled with Asbestos), Hoboken, N. J.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
LEE THOMAS, 129 W 2nd, Cincinnati, O.
 McFarland-Hyde Co. (Hollow Metal), 2701 S. 5th av, Chicago, Ill.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Ogden J. E. Co., 147 Cedar, New York
 Penn. Metal Co. ("Penco"), 201 Devonshire, Boston, Mass.

STEEL CURTAINS

Fire Doors and Shutters
PERKINS M'F'G. CO.
 ST. PAUL, MINN.

Pruden C. D. Co. (Also Hollow Sheet Metal), Warner & Dock, Baltimore, Md.
 Reliance Fireproof Door Co., 47 Milton, Brooklyn, N. Y.
 Richmond Safety Gate Co., Richmond, Ind.
 Ross R. J. Mfg. Co. ("Meeker" Metal Covered), 4241 Ogden av, Chicago, Ill.
 Saino Fire Door & Shutter Co., Memphis, Tenn.
 Solar Metal Products Co. (Hollow Metal & Steel), Columbus, Ohio
 Sykes Steel Roofing Co. (Hollow Metal), 930 W 19th pl, Chicago, Ill.
 Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.
 Underwriters Hatch Door Co. (Metal Covered), 1741 Walnut, Chicago, Ill.
 Van Noorden E. & Co. (Kalameined), 100 Magazine, Boston, Mass.
 Voightmann & Co (Hollow Metal), 445 W Erie, Chicago, Ill.
 Walker Sheet Metal Co. (Hollow Sheet Metal), Council Bluffs, Ia.
 Zahner Metal Sash & Door Co., Canton, O.

3931—*Doors (Fireproof, Revolving)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

3932—Doors (Fire, Tin Clad & Sheet Metal)

Akerly Hiram A., 173 Berry, Brooklyn, N. Y.
 Albert & Fischer Hdwr. & Sheet Metal Co., 2524 S 7th, St. Louis, Mo.
 American Sheet Metal Works 3500 S Carrollton, New Orleans, La.
 Bauer's Chas. Sons, 159 William, Buffalo, N. Y.
 Biersach & Niedermeyer Co., 220 5th, Milwaukee, Wis.
 Bolin Metallic Door Co., Kansas City, Mo.
 Burton W. J. Co., Junction & Leavitt avs, Detroit, Mich.
 Callaghan J. & Son, Cleveland, O.

Christmann Phillip & Sons, 858 Virginia, Buffalo, N. Y.
 Cleveland Metal Roofing & Ceiling Co., 3105 Detroit av., Cleveland, O.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
 Consolidated Sheet Metal Works Co., 661 Hubbard, Milwaukee, Wis.
 Dowman-Dozier Mfg. Co., Atlanta, Ga.
 Duluth Corrugating & Roofing Co., Duluth, Minn.
 Dusing & Hunt (Underwriters' Standard Tin Covered), 386 Michigan av., Buffalo, N. Y.
 Eberle Cornice Co., 4014 Laclede av., St. Louis, Mo.
EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
 Empire Art Metal Co., Inc. (Underwriters' Standard Tin Covered), College Point, L. I., N. Y.
 Gerock Bros. Mfg. Co., 1252 S Vandeventer av., St. Louis, Mo.
 Gordon-Lawless Co., Omaha, Neb.
 Guarantee Iron & Wire Co., 2847 W Lake, Chicago, Ill.
 Harris S. H. Co., 610 W Lake, Chicago, Ill.
 Hawbolt Chas. H. Portland, Me.
 Higgins Frank B., 408 N 11th, St. Louis, Mo.
 Holzer R. G. (Est. of), New Orleans, La.
 Hopmann Cornice Co., 2573 Benton, St. Louis, Mo.
 Illinois Art Metal Co., Springfield, Ill.
 Jeske R. & Bro. Co., 119 Reservoir av., Milwaukee, Wis.
 Johnson G. W. Mfg. Co., St. Louis, Mo.
 Kasch Roofing Co., Akron, O.
 Keystone Fire Door Co., 1231 Irwin av., Pittsburgh, Pa.
 Klauer Mfg. Co., Dubuque, Ia.
 Lee Thomas, 129 W 2nd, Cincinnati, O.
 Leonard Sheet Metal Wks., Hoboken, N. J.
 Lupton David Sons Co., Allegheny av & Tulip, Phila., Pa.
 McFarland-Hyde Co., 2701 S 5th av., Chicago, Ill.
 Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.
 Mannen John E. Co., 2241 St. Clair av., Cleveland, O.
 Martin Metal Mfg. Co., Wichita, Kans.
MERCHANT & EVANS CO., 2035 Washington av., Phila., Pa.
See adv index at end of book
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Missouri Fire Door & Cornice Co., St. Louis, Mo.
 Murphy E. & Co., 3729 Easton av., St. Louis, Mo.
 National Fire Proofing Co., 450 W Broad, Columbus, O.
 Northwestern Roofing Cornice & Stamping Works, 1111 S 5th, Minneapolis, Minn.
 O'Donnell Safety System Co., Cleveland, O.
 Ohio Roofing Co., Cleveland, O.
 Omaha Safe & Iron Works, Omaha, Neb.
 Peelle Company (Counterbalanced), Stewart av & Harrison pl., B'klyn, N. Y.
 Penn Metal Co. ("Penco"), 201 Devonshire, Boston, Mass.
 Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
 Peters G. H. Co., 293 Oak, Buffalo, N. Y.
 Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.
 Pruden C. D. Co., Warner & Dock, Baltimore, Md.
 Richmond Safety Gate Co., Richmond, Ind.
 Riester & Thesmacher Co., 1512 W 25th, Cleveland, O.
 Ross R. J. Mfg. Co., 4241 Ogden av., Chicago, Ill.
 Rudolph & Son Co., 416 Prospect av, N W Cleveland, O.
 Saino Fire Door & Shutter Co., Memphis, Tenn.
 St. John & Barquist Co., Des Moines, Ia.
 St. Louis Fire Door Co., 1512 Clark av, St. Louis, Mo.
 Shields J. H., 231-33 Sycamore, Cincinnati, Ohio
 Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.
 Standard Sheet Metal Mfg. Co., Washington, Pa.
 Stowell Co., The, South Milwaukee, Wis.
 Stremel Bros. Roofing & Cornice Co., 1314 N 3rd, Minneapolis, Minn.
 Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.

Underwriters Hatch Door Co., 1741 Walnut, Chicago, Ill.
 Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
 Victor Mfg. Co. ("Victor"), Newburyport, Mass.
 Vonder Au & Cluss Mfg. Co., 2408 Jefferson, St. Louis, Mo.
 Wand & Niehaus, 1315 Cora, St. Louis, Mo.
 Waterloo Mfg. Co., Waterloo, Ia.
 Westergren M. F., 213 E 144th, New York

3933—Doors (Folding)

American Sash & Door Co., Kansas City, Mo.
 Hanke Iron & Wire Works, 800 No. Albany av, Chicago, Ill.
See adv index at end of book
 Harris S. H. Co. (Horizontal), 610 W Lake, Chicago, Ill.
 Kinnear Mfg. Co. (Wood & Steel), Columbus, O.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Ogden J. Edward Co. ("Ogden Industrial"), 147 Cedar, New York
 Peelle Co. ("Peelle" Canopy), Stewart av & Harrison pl, B'klyn, N. Y.
 Richmond Safety Gate Co., Richmond, Ind.
 St. Louis Wire & Iron Co., St. Louis, Mo.
 Variety Mfg. Co. ("Cross," Horizontal for Freighthouses, etc), 2958 Carroll av, Chicago, Ill.

Doors (Freight & Round House)

See Doors, Folding; also Shutters, Steel Rolling

3934—Doors (Grain)

Chicago Car Door Co., McCormick bldg, Chicago, Ill.
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.
 Otis, Spencer Co., 80 E Jackson blvd, Chicago, Ill.
 Spencer Otis Co., 80 E Jackson blvd, Chicago, Ill.

3935—Doors (Hard Wood & Veneered)

Alcott W. K. Co., 18th & Washington, Phila., Pa.
 American Compound Door Co. ("Ne Plus Ultra"), 2031 S Morgan, Chicago, Ill.
 American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
 Armstrong, Landon Co., Kokomo, Ind.
 Batavia & New York Wood Working Co., Batavia, N. Y.
 Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
 Brockway-Smith Corporation, 98 Canal, Boston, Mass.
 Bush Bros., Royersford, Pa.
 Caldwell-Iseminger Co., Middletown, O.
 Carl John H., 510 1st av, New York
 Carnahan Mfg. Co. ("Evans"), Loogootee, Ind.
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
 Carr & Baal Co. (Pine), Des Moines, Ia.
 Carter-Travis Co., Seymour, Ind.
 Compound Door Co., St. Joseph, Mich.
 Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.
 Cream City Sash & Door Co. (For the Trade Only), 601 Park, Milwaukee, Wis.
 Crooks W. D. & Sons ("Pioneer"), Williamsport, Pa.
 Cullen & Vaughn Co., 450 Dayton, Hamilton, O.
 Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
 Curtis, Towle & Paine Co. (For the Trade Only, Mfrs.), Lincoln, Neb.
 Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
 Enterprise Planing Mill Co., Hillsboro, O.
 Farley & Loetscher Mfg. Co., Dubuque, Ia.
 Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.
 Frey Planing Mill Co., Louisville, Ky.
 Gauger John A. & Co. (For the Trade Only), 1434 W 22d, Chicago, Ill.
 Gordon, Vantine Co., Davenport, Ia.
 Goshen Sash & Door Co., Goshen, Ind.
 Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.

Grand Rapids Lumber Co., Grand Rapids, Mich.
 Grand Rapids Veneer Works, Grand Rapids, Mich.
 Gravois Planing Mill Co. (Trade Only), Minnesota & Junata, St. Louis, Mo.
 Hafner Mfg. Co. (Wholesale Mfrs.), Main c Dock, St. Louis, Mo.
 Hardwood Products Co., Neenah, Wis.
 Huttig Mfg. Co., Muscatine, Ia.
 Huttig Sash & Door Co. (Wholesale Mfrs.), St. Louis, Mo.
 Hyde-Murphy Co., Ridgway, Pa.
 Ironton Wood Mantel Co. (Wholesale Mfrs.), Ironton, O.
 Iroquois Door Co. (Wholesale Mfrs.), Buffalo, N. Y.
 I. X. L. Furniture Co., Goshen, Ind.
 Jamestown Mantel Co., Falconer, N. Y.
 Kertscher & Co., Elmira, N. Y., & 13 Lawrence, New York
 Lafayette Lumber Co., Lafayette, Ind.
 Lamont Matthew Sons Co. (Wholesale Mfrs.), Bay City, Mich.
 Lohse Patent Door Co. (Patented), St. Louis, Mo.
 Lord Lumber Co. (For Dealers & Contractors), La Grange, Ill.
 Lutch & Moore Cypress Lumber Co., (Ltd.) (Wholesale Mfrs.), Lutch, La.
 McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.
 McMillen R. Co. (For the Trade Only), Oshkosh, Wis.
 Mechanics Planing Mill Co., 3742 N B'way, St. Louis, Mo.
 Montgomery Bros. & Co., Buffalo, N. Y.
 Morgan Co. (Veneered Hardwood For the Trade Only), Oshkosh, Wis.
 Mulliner Box & Planing Co., Quincy, Ill.
 Paine Lumber Co. (Ltd.) (For the Trade Only), Oshkosh, Wis.
 Phoenix Sliding Blind Co., Phoenix, N. Y.
 Pyrone Process Co. (Fire Proof), 20 E Gay, Columbus, O.
 Radford Sash & Door Co. (For the Trade Only), 1827 Prairie av, Chicago, Ill.
 Redwood Manufacturers Co. (Redwood Oregon Pine), Hobart bldg, San Francisco, Cal.
 Rikerd Lumber Co. (Wholesale Mfrs.), Lansing, Mich.
 Ripley Lumber Co., Poultney, Vt.
 Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
 Rockwell Mfg. Co. (For the Trade Only), 572 Park, Milwaukee, Wis.
 Roddis Lumber & Veneer Co. ("Sterling," Flush Veneered), Marshfield, Wis.
 Rogers Sash & Door Co., New Britain, Conn.
 St. Louis Sash & Door Works (Wholesale Mfrs.), B'way & Destrehan, St. Louis, Mo.
 Sanders Bros. Mfg. Co., Ottawa, Ill.
 Sayre-Newton Lumber Co., 23d & Blake, Denver, Colo.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
 Struck Alfred Co., Louisville, Ky.
 Trebing Mfg. Co., 1000 Center, N. W., Cleveland O.
 Vanleer Bros., Brookville, Pa.
 Western Planing Mill Co., Wichita, Kans.
 Western Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
 Whitmer-Jackson Sash & Door Co., Cleveland, O.
 Wichita Sash & Door Co., Wichita, Kan.
 Williamsport Planing Mill Co., Williamsport, Pa.
 Woodbury Mill & Lumber Co., Woodbury, N. J.

3936—Doors (Hatch, Automatic)

Bardsley Bros. Co., 151 Baxter, New York
 Beckwith Elevator Co., 123 Pearl, Boston, Mass.
 Cohoes Iron Foundry & Machine Co. Cohoes, N. Y.
 Curran Jas. H. Elevator Co., 114 W 2d, Cincinnati, O.
 Houser Elevator Co., Syracuse, N. Y.
 Johnson Geo. W. Mfg. Co., Kansas City, Mo.
 Packer Thos., Union City, Conn.
 Reedy H. J. Co. (Fusible Link in Case of Fire), 15 W 2d, Cincinnati, O.
 Richmond Safety Gate Co., Richmond, Ind.
 Salem Elevator Works, Salem, Mass.
 Sedgwick Machine Works, Poughkeepsie, N. Y.

Shields J. H., 231-33 Sycamore, Cincinnati, O.

SPEIDEL JOHN G., Reading, Pa.

See adv index at end of book

Underwriters Hatch Door Co. (Electric), 1741 Walnut, Chicago, Ill.

Victor Mfg. Co. ("Victor," Fusible Link), Newburyport, Mass.

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine Bank bldg, Buffalo, N. Y. *See adv index at end of book*

Welchans A. C., Lancaster, Pa.

3937—*Doors (Hollow Metal)

See also Doors, Fire-Proof, Metal & Metal Covered

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3938— Doors (Hopper)

Industrial Supply & Equipment Co. ("Johnson"), 407 Samson, Phila., Pa. Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Trenton Malleable Iron Co., Trenton, N. J. U. S. Metal & Mfg. Co., 165 B'way, New York

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

3939—*Doors (Iron & Glass)

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.

Hanke Iron & Wire Works (Iron), 800 N Albany av, Chicago, Ill.

See adv index at end of book

PITT WM. R. COMPOSITE IRON WORKS (Vestibule & Storm), 219 W 40th, New York

See adv index at end of book

Doors (Kalameined)

See Doors & Windows, Kalameined

3940—Doors (Locomotive Fire)

Franklin Railway Supply Co. (Power Operated), Franklin, Pa.

National Railway Devices Co. ("Shoemaker"), 224 N Desplaines, Chicago, Ill.

Venango Mfg. Co., Franklin, Pa.

3941— Doors (Manhole)

Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.

Girard Iron Works, 22d & Master, Phila., Pa.

Heiser Wm. & Sons Co., Buffalo, N. Y.

Doors (Mausoleum, Bronze)

See Bronze Doors

3942—*Doors (Metal Entrance)

See also Doors, Fire-Proof, Metal & Metal Covered

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y. & 299 B'way, N. Y. *See adv index at end of book*

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York; Works: Providence, R. I. *See adv index at end of book*

Hanke Iron & Wire Works, 800 No. Albany av, Chicago, Ill.

See adv index at end of book

INTERIOR METAL MFG. CO. (Steel & Bronze), Jamestown, N. Y.

See adv index at end of book

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

TYLER W. S. CO., Cleveland, O.

See adv index at end of book

3943— Doors (Mine)

American Mine Door Co. ("Canton" Automatic), Canton, O.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

3944—Doors (Open Hearth Furnace)

Aetna Foundry & Machine Co. (Hydraulic), Warren, O.

Keystone Bronze Co. ("Knox" Patent Copper), Pittsburgh, Pa.

Knox Pressed & Welded Steel Co. ("Knox" Welded Water Cooled), Pittsburgh, Pa.

Youngstown Engng Co., Youngstown, Ohio

3945—*Doors (Passenger Car, Hollow Metal)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.

See adv index at end of book

Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.

3946—Doors (Red Cedar, Wholesale)

Redwood Mfrs. Co., Oakland, Cal.

Whitcomb Falls Mill Co., Bellingham, Wash.

3947—Doors (Refrigerator Car)

Missouri Malleable Iron Co., E St. Louis, Ill.

Trenton Malleable Iron Co., Trenton, N. J.

3948— Doors (Revolving)

Atchison Revolving Door Co. (Wood & Metal, Straight & Curved Wing), Independence, Kan.

Federal Sash & Door Co., 18th & Wabash av, Kansas City, Mo.

Jamison Cold Storage Door Co. ("No-Equal" for Passing Ice Cream to & from Hardening Room), Hagerstown, Md.

Revolving Door & Fixture Co., 1328 B'way, New York

Van Kannel Revolving Door Co. (Wood or All Metal), 250 W 54th, New York

3949—*Doors (Sectional Folding)

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3950— *Doors (Sidewalk)

See also Vault & Sidewalk Lights

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.

See adv index at end of book

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.

See adv index at end of book

TYLER W. S. CO., Cleveland, O.

See adv index at end of book

3951— Doors (Silo, Metal)

Kretschmer Mfg. Co., Council Bluffs, Ia.

3952— Doors (Smoke House)

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.

Gehret Bros., Bridgeport, Pa.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

3952a— Doors (Steel Rolling)

See also Shutters, Steel Rolling

EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.

See adv index at end of book

Kinnear Mfg. Co., Columbus, O.

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.

See adv index at end of book

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Wilson J. G. Corp'n ("Salamander"), Chief Officer, 8 W 40th, New York

Mills & Factory: Norfolk, Va.

3953—*Doors (Theatre, Fireproof)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.

See adv index at end of book

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3954— Doors (Trap)

Edwards O. M. Co. ("Edwards," Steel Extension Platform), Syracuse, N. Y.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Doors (Vault & Sidewalk Light)

See Doors, Sidewalk

3955— Doors (White Pine)

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.

Farley & Loetscher Mfg. Co., Dubuque, Ia.

Morgan Co., Oshkosh, Wis.

Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.

3956—Doors (Winding & Sliding)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Thorp Fire Proof Door Co. ("Thorp-Richardson"), 1600-1610 Central av, Minneapolis, Minn.

Wilson J. G. Corp'n, The (Swing for Freight Sheds & Warehouses), Chief Office, 8 W 40th, New York

Mills & Factory: Norfolk, Va.

Doors (Wood Rolling)

See Shutters, Wood Rolling

3957—Doors (Yellow Cypress)

Cole Mfg. Co., Memphis, Tenn.

Columbus Iron Works, Columbus, Ga.

Curtis Bros. & Co., Clinton, Ia.

Farley & Loetscher Mfg. Co., Dubuque, Ia.

McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.

Morgan Co., Oshkosh, Wis.

Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.

St. Louis Sash & Door Works, B'way & Destrehan, St. Louis, Mo.

3958— Doors (Yellow Pine)

Allen Mfg. Co. (Ltd.), Shreveport, La.

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.

Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.

Columbus Iron Works, Columbus, Ga.

Curtis Bros. & Co., Clinton, Ia.

Enochs Lumber & Mfg. Co., Jackson, Miss.

Gordon, Vantine Co., Davenport, Ia.

3959—Doors & Shutters (Fireproof)

See also Shutters, Steel, Etc.

Champion Fire Proof Door Co. ("Champion F. P. Door"), 277 Rider av, New York

Champion Iron Co. (Steel), Kenton, O.

Cincinnati Fire-Proof Door Co., Cincinnati, O.

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.

See adv index at end of book

Dowman-Dozier Mfg. Co., Atlanta, Ga.

Eclipse Fireproof Sash & Door Co., 273 Russell, Bklyn., N. Y.

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Empire Art Metal Co., Inc., College Point, L. I., N. Y.

Fire Prevention Fire Door Mfg. Co., 231 W. 19th, New York

Gehret Bros., Bridgeport, Pa.

Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.

HANKE IRON & WIRE WORKS (Iron), 800 No. Albany, Chicago, Ill.

See adv index at end of book

Hastings Foundry & Iron Works, Hastings, Neb.

Howie Roofing Co., Detroit, Mich.

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

Kinnear Mfg. Co. ("Abacus," "Ajax"), Columbus, O.

Landon E. R. (Iron), 166 N May, Chicago, Ill.

McLauthlin Geo. T. Co., 120 Fulton, Boston, Mass.

Martin Metal Mfg. Co., Wichita, Kans.

MERCHANTS & EVANS, 2035 Washington av, Phila., Pa.

See adv index at end of book

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Milwaukee Corrugating Co., Milwaukee, Wis.
 Northwest Harvester Co., Spokane, Wash.
 Omaha Safe & Iron Works, Omaha, Neb.
 Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
 Richmond Safety Gate Co., Richmond, Ind.
 Ross R. J. Mfg. Co. ("Meeker"), 4241 Ogden av, Chicago, Ill.
 Saino Fire Door & Shutter Co. (Sliding & Swinging), Memphis, Tenn.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Solar Metal Products Co., Columbus, O.
 United States Metal Products Co., San Francisco, Cal.
 Victor Mfg. Co. ("Victor"), Newburyport, Mass.
 Wilson J. G. Corp'n, The (Steel Rolling) Chief Office: 8 W 40th, New York. Mills & Factory: Norfolk, Va.
 Zahner Metal Sash & Door Co., Canton, O.

3960—*Doors & Shutters (Fire, Tin Clad)

Saginaw Sheet Metal Works, Saginaw, Mich.

3961—*Doors & Trim (Hollow Metal)

INTERIOR METAL MFG. CO., Jamestown, N. Y. *See adv index at end of book*

3962—Doors & Windows (Kalameined)

Brooklyn Fire-Proof Sash & Door Co., 101 Richardson, Brooklyn, N. Y.
 Cincinnati Fire Proof Door Co., Cincinnati, O.
 Cincinnati Mfg. Co. (also Partitions, Metal Covered), Cincinnati, O.
See adv index at end of book
 Dowman-Dozier Mfg. Co., Atlanta, Ga.
 Empire Art Metal Co., Inc., College Point, L. I., N. Y.
 Hermann & Grace Co., 671 Bergen, Brooklyn, N. Y.
 Howell, Field & Goddard, Review av, Long Island City, N. Y.
 Hyde-Murphy Co., Ridgway, Pa.
 Kalamein Co., 10th, Long Island City, N. Y.
 Lee Thomas, 129 W 2nd, Cincinnati, O.
 Leonard Sheet Metal Works, Hoboken, N. J.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 National Fire Proof Sash & Door Co., 499 Stagg Brooklyn, N. Y.
 Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
 Pruden C. D. Co., Warner & Dock, Baltimore, Md.
 Rowe Henry Mfg. Co., Newaygo, Mich.
 Thorp Fire Proof Door Co. ("Thorp-Richardson" Kalameined Doors), 1600-1610 Central av, Minneapolis, Minn.
 U. S. Metal Products Co., San Francisco, Cal.
 Westergen M. F., 213 E 144th, New York
 Western Sash & Door Co., Kansas City, Mo.

Dough Dividers See Dough Dividing Machine

3963—Dovetails (Stove)

Burdick & Son, Albany, N. Y.
 Lovejoy C. H. Chaplet Co., Cambridge, N. Y.

3964—*Dowel Rods

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

3965—Dowels

American Novelty Works, Wellsville, N. Y.
 American Sash & Door Co., Kansas City, Mo.
 Benskin Mfg. Co. (Brass, Iron & Wood), Canton, O.
 Bogert & Hopper, 67 Barclay, New York
 Borgeson C. E. (Wood), 1775 Wilson av, Chicago, Ill.
 Braun Wm. P. M. & Son, Inc. (Wood), Portland, Me.
 Brinser E. C. Sons (Wood), Richmond, Va.
 Cassaday Fairbank Mfg. Co. (In White Finish), 6126 S La Salle, Chicago, Ill.
 Clark Cyrus B., Grand Rapids, Mich.
 Cleveland Galvanizing Works Co. (Brass), 3924 Cooper av, Clev., O.
 Connecticut Box Co., New Haven, Conn.
 Cook & Coburn, West Fairlee, Vt.
 Everett A. & Son (Brass & Wood), Auburn, N. Y.
 Frary Mfg. Co. (Wooden), Charlemont, Mass.
 Gravely B. S. & R. P. (Wood), Martinsville, Va.
 Grayling, Dowel Co., Grayling, Mich.
 Grover R. A. (Wood), Andover, Me.
 Harriman S. H., Fryeburg, Me.
 Higgins Alvah E., Jamaica, Vt.
 Lebzelter P. & Son, Lancaster, Pa.
 Lobdell Emery Mfg. Co., Onaway, Mich.
 Marston Rake Co., Lebanon, N. H.
 Minton T. W. & Son, Barbourville, Ky.
MORSE FRANK W. (Smooth, Grooved & Threaded, Brass Pin, Round & Oblong Plate), 293 Congress, Boston, Mass.
See adv index at end of book
 Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Sta., Boston, Mass.
 Novelty Turning Co. (Wood), Norway, Me.
 Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
 Shaw & Tenney (Wood), Orono, Me.
 Sheldon H. Mfg. Co. (Fan & Fly Swatter), Elkland, Pa.
 Smith H. B. & Co., Hanover, Me.
 South Bend Dowel Works, South Bend, Ind.
 Standard Turning Works (Wood), Cambridge, Mass.
 Stephenson Mfg. Co. (Wood), South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass.
 Townsend C. C. & E. P. Co., New Brighton, Pa.
 Wellman Pattern Supply Co. (Wood & Metal), Cleveland, O.
 Winkley Co., Detroit, Mich.

3966-7-8—Dowels (Brace & Machine)

Ohio Tool Co. ("Bailey"), Charleston, W. Va.

3969—Dowels (Patternmakers')

Benskin Mfg. Co. (Brass), Canton, O.
 Cleveland Galvanizing Works Co., Cleveland, O.
 Diamond Clamp & Flask Co., Richmond, Ind.
 Federal Malleable Co. ("Fraser," Malleable Iron), West Allis, Wis.
 Knight H. W. & Son (Brass), Seneca Falls, N. Y.
 Shanafelt Mfg. Co. (Brass & Hardwood), Canton, O.
 Standard Turning Works, Cambridge, Mass.
 Timmis & Clissold (Brass & Wood), Bound Brook, N. J.
 Williams William Jr. (Brass), New Britain, Conn.

3969a—*Dowels (Plain, Beaded, Rope, Twist & Furniture)

ESTABLISHED 1847
E. B. Estes & Sons
MANUFACTURERS OF
White Birch and Hardwood Dowel
R O D S

Grooved and Pointed Furniture Dowel Pins—
 Beaded and Rope Twist Dowels—Spindles, Knobs
Betwells and Automatic Lathe
Work for Furniture Factories
358 5th AVE. NEW YORK CITY

3970-1—Dowels (Rail)

Jencks E. Mfg. Co., Worcester, Mass.
 Parker Wire Goods Co. (Iron Hand Rail, Gimlet Pointed Screws), Worcester, Mass.

3972-3—Dowels (Steel)

See also Wire Nail Mfrs.
 Badger Nail Co., 159 Muskego av, Milwaukee, Wis.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

3974—Draft Gear

Cardwell Mfg. Co. ("Cardwell," Friction), McCormick bldg, Chicago, Ill.
 Commonwealth Steel Co. ("Transom," Cast Steel Draft Rigging), St. Louis, Mo. Works: Granite City, Ill.
 Detroit Steel Products Co., Detroit, Mich.
 Forsyth J. E. ("Anderson" Friction), Peoples' Gas bldg, Chicago, Ill.
 Gould Coupler Co. ("Gould" Friction), 30 E 42nd, New York
 McCord & Co. ("McCord"), 122 S Michigan av, Chicago, Ill.
 Miner W. H. ("Miner" Draft Rigging), The Rookery, Chicago, Ill.
 National Car Coupler Co. ("Hinson"), 332 S Michigan av, Chicago, Ill. Works: Attica, Ind.
 Standard Coupler Co. ("Sessions-Standard" Friction), 30 Church, New York. Works: Bridgeport, Conn.

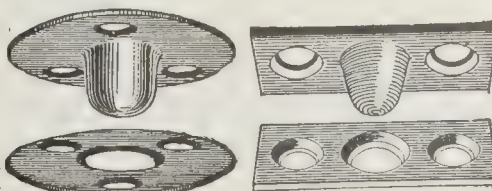
PATTERN MAKERS' STANDARD BRASS ROUND AND OBLONG PLATE DOWELS

The former Require No Mortising, Just Use a Bit. The three screws allow them to be more Firmly Fastened.
 Also STANDARD BRASS DOWEL PINS with either threaded, smooth or grooved sides.

My Prices are the Lowest on the Market.

Will also Make to Order Brass Dowels for Furniture Manufacturers. Prices quoted on submission of sample.

Transportation charges allowed on all orders amounting to \$25 or more, to Points East of Mississippi River.



Frank W. Morse

293 Congress Street
BOSTON, MASS.



Symington T. H. Co. ("Farlow"), Rochester, N. Y.
 Union Draft Gear Co. ("Cardwell" Friction), McCormick bldg, Chicago, Ill.
 Waugh Draft Gear Co. ("Waugh," "Forsyth"), Peoples Gas bldg, Chicago, Ill.
 Western Railway Equipment Co. ("Hoerr"), Central Nat Bank, St. Louis, Mo.
WESTINGHOUSE AIR BRAKE CO., (Friction), Pittsburgh, Pa.

3975— Draft Inducer

Brown Specialty Machinery Co. ("Gadey"), 2440 W 22d, Chicago, Ill.

3976—*Drafting Room Equipment

See also Furniture, Drafting Room
 American Drafting Furniture Co. ("American" Stock & Special), 199 Railroad, Rochester, N. Y.
See adv index at end of book

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

3976a—*Drafting Room Furniture

See also Furniture, Drafting Room

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

3976b— *Drafting Tables

American Drafting Furniture Co. ("American," "Morse" Stock & Special Drafting Room Equipment), 199 Railroad, Rochester, N. Y.
See adv index at end of book

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

3977—Draftsmen (Mechanical)

Durham Bros., 1213 Filbert, Phila., Pa.
 Gaylord Chas. E. (Patent Office Drawings a Specialty), Marquette blk, Chicago, Ill.
 Nestor Mfg. Co., 40 W 13th, New York

3978—Drags (Handle, for Fishing Reels)

Meisselbach A. F. & Bros. ("Rabbeth," "Governor"), 29 Congress, Newark, N. J.

3979— Drainage Systems

Baggot E. Co. ("Durham"), 21 E Lake, Chicago, Ill.
 Waring, Chapman & Farquhar ("Waring"), 874 B'way, New York

3980— Drainboards

Anchor Plastic Stone Co. ("Plastone," Sanitary), Los Angeles, Cal.
 Blake Specialty Co. (Aluminum) Rock Island, Ill.
 Cahill Iron Works, Chattanooga, Tenn.
 Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
 Trager John Steam Copper Works (White Metal), 447 W 26th, New York

3981— Drainers (Cylinder)

American Safety Lamp & Mine Supply Co. ("Smith" Automatic), Scranton, Pa.

3982— Drainers (Dish)

Gem Mfg. Co. (Wood), N. Girard, Pa.
 Hamblin & Russell Mfg. Co. ("Perfect," "O. K." Wire), Worcester, Mass.
 Morgan Spring Co., Worcester, Mass.
 National Mfg. Co. ("Natwire," Wire), Worcester, Mass.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.

3983— Drainers (Sump)

Penberthy Injector Co., 346 Holden av, Detroit, Mich.
 Valle-Kimes Co. ("V. & K."), Dayton, O.

3984— Drains (Floor)

See also Cellar Drains

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Scale Co., Kansas City, Mo.
 Blake Specialty Co. ("Blake" Junior No-Back), Rock Island, Ill.
 Compound Injector & Specialty Co. ("Dehn's," "Acme," Deep Seal, "Peerless" Garage Floor), 419 N Laramie av, Chicago, Ill.
 Crampton-Farley Brass Co. ("Sansealo," "Signet," "Noxall" with Back Water Trap), 221 Main, Kansas City, Mo.
 Haines-Jones & Cadbury Co. ("Hajoca" Brass Iron Body & All Iron), 1136 Ridge av, Phila., Pa.
 Jiffy Fire Hose Rack Co. ("Brayman"), 727 7th av, New York
 Josam Mfg. Co., 25 4th, St. Louis, Mo.
 Kokomo Brass Works, Kokomo, Ind.
 Prier Brass Mfg. Co. ("Sieben," "Standard"), Kansas City, Mo.
 Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.

3985—Drains (Ice Box or Refrigerator)

Blake Specialty Co., Rock Island, Ill.
 Kokomo Brass Works, Kokomo, Ind.
 Modern Iron Works, Quincy, Ill.
 Prier Brass Mfg. Co. ("Standard" "Sieben"), Kansas City, Mo.
 Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

3986—Draughting Room Equipment

See Architects' & Engineers' Instruments & Supplies

3987— Draughting Tables

Acme Plating & Specialty Mfg. Co., Rochester, N. Y.
 Alworth G. A., New Haven, Conn.
 American Drafting Furniture Co. ("Morse"), 199 Railroad, Rochester, N. Y. *See adv index at end of book*
 Century Mfg. Co. (Steel Adjustable), Cleveland, O.
 Cole H. Co. ("Harrison"), 68 E Gay, Columbus, O.
 Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
 Dillingham Mfg. Co., Sheboygan, Wis.
 Economy Drawing Table Co., Toledo, O.
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
 Fritz Mfg. Co. ("Fry's Adjustable"), Grand Rapids, Mich.
 Hamilton Mfg. Co., Two Rivers, Wis.
 Hemp C. E., Hamilton, O.
 Keuffel & Esser, Hoboken, N. J.
 Kidder R. E. Co., Worcester, Mass.
 Lutz Co. ("Forsyth's" Adjustable), Guttenberg, N. J.
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

Peterson Leonard & Co., 1234 Fullerton av, Chicago, Ill.
 Post Fred'k Co. (Post's "Brimo" Adjustable Drawing Table), 3635 S Clark, Chicago, Ill.

Rowe Henry Mfg. Co., Newaygo, Mich.
 Shartle Bros. Machine Co., Middletown, O.
 Taws Henry M. ("Emerson's"), 920 Arch, Phila., Pa.
 Washburn Shops ("Worcester"), Worcester, Mass.
 Wausau Fixture & Furniture Co. ("Ulrich" Adjustable Shadowless), Wausau, Wis.
WEBER F. & CO., 1125 Chestnut, Phila., Pa. *See adv index at end of book*

Weydell F. O. ("Hi-Low"), 224 S Jefferson, Chicago, Ill.
 Williams, Brown & Earle ("Ajax" Telescope), 918 Chestnut, Philadelphia, Pa.

3988— Draw-Bar Attachment

Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Butler Drawbar Attachment Co. (Friction & Spring), Engineers bldg, Cleveland, O.
 Miner W. H., The Rookery, Chicago, Ill.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Van Dorn Coupler Co. (Electric Railway), 2325 S Paulina, Chicago, Ill.
 Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

3989— Drawer Slides

Grant Pulley & Hardware Co. ("Turner" Anti-Friction), 101 Park av, New York
 Reliance Ball Bearing Door Hanger Co. ("Reliance," Ball Bearing), 30 E 42d, New York

3990—Drawers (Bench, Steel)

Allsteelequip Co., Aurora, Ill.
 Arnold S. G., 2619 W Van Buren, Chicago, Ill.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
 New Britain Machine Co. ("New Britain," Frictionless), 190 Chestnut, New Britain, Conn.
 Terrell's Equipment Co., B'way, Grand Rapids, Mich.

3991—Drawers (Cash or Money)

Crescent Mfg. Co., Louisville, Ky.
 Merriam Mfg. Co., Durham, Conn.
 Quincy Show Case Works (Alarm or Gong), Quincy, Ill.
 Russell & Erwin Mfg. Co. (Alarm Tills), New Britain, Conn.
Standard Cash Register Co., N Manchester, Ind.
 Sun Mfg. Co. (Domestic, English & German), Columbus, O.
 Thomas-Peter Co. (Sheet Metal), Canton, O.
 Tucker & Dorsey Mfg. Co. (Alarm Tills), Indianapolis, Ind.
 Wood E. O., Nashua, N. H.

3991a— *Drawing Boards

See also Boards, Drawing

AMERICAN

DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

3992— *Drawing Materials

See also Architects' & Engineers' Instruments & Supplies; also Blue Prints
NEW YORK BLUE PRINT PAPER CO., 102 Reade, New York
WEBER F. & CO., 1125 Chestnut, Phila., Pa. *See adv index at end of book*

Drawing Tables

See Draughting Tables

Drays (Heavy Truck)

See Wagons, Freight, Teaming, etc

3993—Dredges (Gold, Dipper & Hydraulic)

Allis-Chalmers Mfg. Co. ("Christian" Gold Dipper), Milwaukee, Wis.
See adv index at end of book
 Bucyrus Co., So Milwaukee, Wis.
ELLCOTT MACHINE CORP'N., Bush & Severn, Baltimore, Md.
See adv index at end of book
 Fairbanks Steam Shovel Co. (Dipper & Hydraulic), Marion, O.
 Jackson & Church Co. (Dipper, Hydraulic, Ditching, etc), Saginaw, Mich.

Manitowoc Ship Bldg. Co., Manitowoc, Wis.
 Marion Steam Shovel Co., P. O. Box 505, Marion, O.
 Norbrom Engineering Co., Denckla bldg, Phila., Pa.
 Osgood Co., Marion, Ohio

3994—Dredges (Gold & Placer Mining)

See also Dredging Machinery
 Atkinson W. H. Co., Hoboken, N. J.
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
 Hammond Mfg. Co., Kamm bldg, Portland, Ore.
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
 Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
 Marion Steam Shovel Co., P. O. Box 505, Marion, O.
 New York Engineering Co. ("Empire"), 2 Rector, New York
 Osgood Co., Marion, O.
 Stearns-Roger Mfg. Co., Denver, Colo.
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
 Traylor John A. Mach'y Co., Denver, Colo.
 Union Construction Co., 604 Mission, San Francisco, Cal.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 United Iron Works (Beach Sand Dredges), Oakland, Cal.
 Willamette Iron & Steel Works, Portland, Ore.
 Worthington Pump & Machy. Corp., 115 B'way, New York
 Yuba Construction Co. (Also Suction), Marysville, Cal.

3995—Dredges (Steel)

American Steel Dredge Co., Fort Wayne, Ind.
 Marion Steam Shovel Co., P. O. Box 505, Marion, O.
 Osgood Co., Marion, O.

Dredging Machinery

See Machinery

3995a—Dresser Sets (Cased)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

3996—Dressers (Bibb Seat)

Buffum Tool Co., Louisiana, Mo.
 Johnson Wm. (Hendenberg Works) (Regular & Double Cone), Newark, N. J.
 Skinner M. B. & Co. ("Skinner"), 562 W Washington, Chicago, Ill.
 Wolverine Brass Works ("Universal"), Grand Rapids, Mich.

3997—Dressers (Emery Wheel)

Acme Diamond Tool Co., 56 Liberty, New York
 American Emery Wheel Works, Providence, R. I.

Bay State Stamping Co. ("Bennett"), 380 Chandler, Worcester, Mass.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Browne & Dowd Mfg. Co. ("American"), Meriden, Conn.
 Buckeye Saw Vise Co., Cleveland, O.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Builders' Iron Foundry ("Challenge"), 9 Coddling, Providence, R. I.
 Burgess & Norton Mfg. Co. ("Huntington" Improved), Geneva, Ill.
 Calder Geo. H., Lancaster, Pa.
 Carborundum Co., Niagara Falls, N. Y.
 Challenge Machine Co. ("Gruwa-Huntington"), 5116 Springfield av, Phila., Pa.
 Chicago Screw Co. ("Genuine Huntington"), 13 N Jefferson, Chicago, Ill.
 Chicago Wheel & Mfg. Co. ("Paragon" & "Huntington"), 1101 W. Monroe, Chicago, Ill.
 Cleveland Flue Cleaner Mfg. Co. ("Brisben"), 321 Frankfort av, N W, Cleveland, O.
 Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
 Collmer Bros. ("Huntington Collmer"), South Bend, Ind.
 Crafts Arthur A., 125 Summer, Boston, Mass.
 Curtin Hebert Co (Also Cutters, "Huntington," "Paragon," "Crescent"), Gloversville, N. Y.
 Desmond-Stephan Mfg. Co. ("Dismo-Carbo," "Sherman" & "Huntington"), Urbana, O.
 Dessau's S & Sons (Diamond Set), 180 B'way, New York
DETROIT SCREW WORKS ("Genuine Huntington"), 348 Franklin, Detroit, Mich. *See adv index at end of book*
 Diamond Machine Co., Providence, R. I.
DIAMOND SAW & STAMPING WORKS ("Sterling"), 357 7th, Buffalo, N. Y. *See adv index at end of book*
 Dickinson Thos. L., 64 Nassau, New York
 Electric Emery Wheel Co., 827 Broad, Newark, N. J.
 Francis & Co. (Diamond), Hartford, Conn.
 Hartley Geo. ("Diamond"), Waterbury, Conn.
 Jennings C. E. & Co., 71 Murray, New York
 Montgomery & Co. ("Strong" Diamond Holder), 105 Fulton, New York
 North Wales Machine Co. ("Huntington"), North Wales, Pa.
 Norton Company, Worcester, Mass.
 Osborn-Crew Mfg. Co. ("Brisben"), Cleveland, O.
 Osgood J. L. Tool Co. ("Black Diamond"), Buffalo, N. Y.
 Peninsular Emery Wheel Co. ("Huntington" Pattern), Detroit, Mich.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
QUADRIGA MFG. & SPECIALTY CO. ("Rearwin" Spiral), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
 Reed Mfg. Co., Erie, Pa.
 Rock Island Mfg. Co., Rock Island, Ill.
 Rose S. Co., 12 John, New York
 Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.
 Southington Hardware Co., Southington, Conn.

Springfield Mfg. Co., Bridgeport, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
 Stocker H. A. Machinery Co. ("Rearwin"), 570 W Randolph, Chicago, Ill.
 Superior Corundum Wheel Co., Waltham, Mass.
 Tanite Co. ("Taylor"), Stroudsburg, Pa.
 Vitrified Wheel Co., Westfield, Mass.
 Warren Axe & Tool Co. ("Huntington" Pattern), Warren, Pa.
 Waterbury Wire Die Co. ("Diamond"), Waterbury, Conn.
 Williams William, Jr. ("American," "Huntington"), New Britain, Conn.
 Wood A. A. & Sons Co. ("Atlanta"), Atlanta, Ga.
 Wrigley Thos. Co., 416 S Dearborn, Chicago, Ill.

3998—Dressers (Flour)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Barnard & Leas Mfg. Co., Moline, Ill.
 Ehram J. B. & Sons Mfg. Co., Enterprise, Kan.
 Great Western Mfg. Co., Leavenworth, Kan.
 Nordyke & Marmon Co., 1290 Ky. av, Indianapolis, Ind.

3999—Dressers (Plumbers' Wooden)

See also Tools, Plumbers

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
 Stossel Carl & Co., Front Royal, Va.

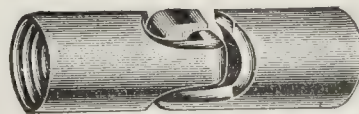
4000—Dressing (Carriage Top, Harness, Etc.)

Alder Chemical Co. ("Star-Clean"), Mount Vernon, N. Y.
 Armiger Chemical Co. ("Rex"), 2151 Austin av, Chicago, Ill.
 Arnold N. B. ("Slikup," "Slikup Leather Kote"), 1 Sigourney, Brooklyn, N. Y.
 Arnstein Eugene ("Century"), 45 W 26th, Chicago, Ill.
 Baum's Castorine Co. ("Baum's"), Rome, N. Y.
 Bosler E. H., 1935 Wabash av, Chicago, Ill.
 Chicago Varnish Co. ("Abyssinimum"), 2100 Elston av, Chicago, Ill.
 Detroit White Lead Works ("Rogers"), Detroit, Mich.
 Eberson Lindsley Paint Co. ("Leather Lac"), 1832 Morgan, St. Louis, Mo.
 Endurance Autol Co. ("Luster Finish"), Muncie, Ind.
 Felton, Silbey & Co. ("Evernew"), 136 N 4th, Phila., Pa.
 Fiebling Chemical Co. ("Presto" & Patent Leather), 240 Reed Milwaukee, Wis.
 Flexol Co. ("Flexol"), 55 Liberty, New York
 Hall-Thompson Co. ("Wonder-Worker"), Hartford, Conn.



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 Harsh-Miller Mfg. Co. (Also Auto), Washash, Ind.
 Hazen-Brown Co., 100 South, Boston, Mass.
 Hollingshead R. M. Co. ("Hollingshead," Carriage & "Whiz" Auto Top), Camden, N. J.
 Jewel Mfg. Co., 2863 W 22d, Chicago, Ill.
 Johnston R. F. Paint Co. ("Leatherlac"), Pearl & Main, Cincinnati, O.
 Lowe Bros. Co., Dayton, O.
 Lucas John & Co. ("Lucas"), 322 Race, Phila., Pa.
 McLean-Jones Oil & Supply Co. ("McLean's Swastika"), 40 India Wharf, Boston, Mass.
 Matt F. & Co. ("Alcovie"), 491 Washington, Newark, N. J.
 Miller Frank Co., 349 W 26th, New York
 Moller & Schumann Co. ("M. & S. Co."), Marcy av, Brooklyn, N. Y.
 Murphy Varnish Co. (Enamel Varnish), McWhorter, Newark, N. J.
 Northwestern Chemical Co. ("Pioneer"), Marietta, O.
 Nu-Back Mfg. Co. ("Leath-R-Nu"), 114 N Commercial, St. Louis, Mo.
 Polish Products Co. ("B-Brite"), Kansas City, Mo.
 Richmond Bros., 117 E 6th, Cincinnati, O.
 Reid W. W. Mfg. Co. ("Waxol"), 204 Milk, Boston, Mass.
 St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
 Thumb E. W. ("Sun Shine"), 872 Orleans, Chicago, Ill.
 Tingley Chas. O. & Co. ("C. O. T."), Rahway, N. J.
 Valentine & Co., 456 4th av, New York
 Viscol Co. ("Alol," "Pluvial"), Cambridge, Mass.
 Wadsworth-Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
 Weiss Chas. & Son, 4715 Cottage Grove av, Chicago, Ill.
 Weiss Polish Works ("American"), 216 S Winchester av, Chicago, Ill.
 West's L. M. Sons ("West's Enamel," "New West"), Rockford, Ill.

4001— Dressing (Hoof)

Flebing Chemical Co. ("Flebing's"), 240 Reed, Milwaukee, Wis.
 World Refining Co., Easton, Pa.

4002—Dressing (Leather Belt)

Bradford Belting Co., 36 Warren, New York

4003—Dressing (Razor Strop)

Razorine Mfg. Co., 335 B'way, New York

4004— Dressing (Rope)

See also Wire Rope Coating & Lubricants

American Specialty Mfg. Co., Iron & Erie Ry, Cleveland, O.
 Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.
 Cling-Surface Co. ("Cling-Surface"), Buffalo, N. Y.
 Dixon Josph Crucible Co., Jersey City, N. J.
See adv index at end of book
 Dodge Sales & Engineering, Mishawaka, Ind.
 Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S La Salle, Chicago, Ill.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Nason R. N. & Co. (Wire Rope), 151 Potrero av, San Francisco, Cal.
ROEBLING'S JOHN A. SONS CO., Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
 Stephenson Mfg. Co. ("Stephenson," Brown Label), Albany, N. Y.
 Superior Chemical Mfg. Co. ("Superior"), Grand Rapids, Mich.
 Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.
 Wolff Norbert Co. ("Wolff"), 40 Renwick, New York
 Zurn O. F. Co. ("Ropoleum"), Broad & Lehigh, Phila., Pa.

Dressing Shoe

See Shoe Blacking & Polish

4005— Dried Blood

Baker H. J. & Bro. (Imp), 81 Fulton, New York
 Davidson Commission Co., 140 W Van Buren, Chicago, Ill.
 Dold Jacob Packing Co., Buffalo, N. Y.
 Heller, Jos. S. (Imported), 62 William, New York
 Hollingshurst & Co., 66 Beaver, New York
 Munro Robt. A. & Co. (Imp), 56 Pine, New York
 Nitrate Agencies Co. (Imported), 102 Pearl, New York
Pittsburgh Provision & Packing Co., Herrs Isl., Pittsburgh, Pa.
 Swift & Co., Union Stock Yards, Chicago, Ill.
 Wilson & Co. (Also Tankage), 41st & Oakland av, Chicago, Ill.

4006—Drifts (For Drill Sockets)

Armstrong Bros. Tool Co. ("Armstrong," Plain & Automatic), 339 N Francisco av, Chicago, Ill.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

4007— Drill Ends (Rose)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

4008—*Drill Heads ("Diexco")

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

4009—*Drill Press (Combination & Multi Vise Trident)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

Drill Presses

See Drilling Machines

4010— Drill Speeders

Graham Mfg. Co. ("Graham"), 96 Point, Providence, R. I.
See adv index at end of book
 McCrosky Reamer Co. ("Wizard" Variable Speed & Reverse), Meadville, Pa.

4011—Drill & Vise Combined

Adams A. L., Cedar Rapids, Ia.
 Goodell-Pratt Co., Greenfield, Mass.
 Millers Falls Co., 28 Warren, New York
 Strange E. W. & Co., Taunton, Mass.

4012—Drilling Outfits (Submarine)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
 Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.

Drills (Artesian Well)

See Machinery, Well Drilling

Drills (Automatic)

See Drilling Machines, Automatic

4013—Drills (Beet Planting)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
 American Seeding Machine Co., Springfield, O.
 Bacon Mfg. Co., Pontiac, Mich.
 Bateman Mfg. Co., Grenloch, N. J.
 Deere & Mansur Works (Also Bean), Moline, Ill.
 Fetzer & Co. ("McSherry," "Fetzer"), Springfield, Ill.
 Parlin & Orendorff Co., Canton, Ill.
 Thomas Mfg. Co., Springfield, O.
 Wayne Works, Richmond, Ind.

Drills (Bench)

See Drilling Machines, Bench

4013a— Drills (Bit Stock)

See also Drills, Chain Attachment
 Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book

4014— Drills (Blacksmiths')

(Upright, Post & Bench)

See also Drilling Machines, Blacksmiths'
 Beall Tool Co., East Alton, Ill.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
See adv index at end of book
 Whitman & Barnes Mfg. Co., Akron, O.

4015— Drills (Blast Hole)

KEYSTONE DRILLER CO. ("Keystone"), Beaver Falls, Pa.

Drills (Boiler Shell)

See Drilling Machines, Boiler

4016— Drills (Bracket)

Strong, Carlisle & Hammond Co. ("The Berlin"), 336 Frankfort av, N W, Cleveland, O.

4017—Drills (Breast & Hand, Geared)

See also Bit Braces; also Pneumatic Breast Drills

Clark Jas., Jr., Electric Co. (Electrically Driven), Louisville, Ky.
 Coates Clipper Mfg. Co. ("Coates" Housed Geared Flexible Shaft), Worcester, Mass.

Fray Jno. S. Co., Bridgeport, Conn.
GEM MFG. CO. ("Gem" for Use with Flexible Shafting), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

Goodell-Pratt Co., Greensfield, Mass.
 Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
 Lancaster Machine & Knife Works, Lancaster, N. Y.

Malleable Iron Fittings Co. ("M. I. F. Co." Comb. Drill & Valve Grinder), Branford, Conn.

Millers Falls Co. (Ball Bearing), 28 Warren, New York. Works: Millers Falls, Mass.

North Bros. Mfg. Co. ("Yankee"), Phila., Pa.

Peck, Stow & Wilcox Co., Southington, Conn.

Smith Drill & Machinery Co. ("Victor Turbine Drill," Air Driven), Chattanooga, Tenn.

Stanley Rule & Level Co. (Breast), New Britain, Conn.

Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

Temco Electric Motor Co. ("Temco," Electric), Leipsic, O.

Turner & Deegan, Bristol, Conn.
 Wilkinson A. J. & Co. ("A. J. W. & Co."), 184 Washington, Boston, Mass.

4018—Drills (Brick & Stone)

(For Drilling Holes for Expansion Bolts, etc)

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Brunner & Lay (Hollow Pipe for Brick, etc), 570 W Polk, Chicago, Ill.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.

DIAMOND EXPANSION BOLT CO. ("Diamond N"), 89 West, New York
See adv index at end of book

Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.

Electro Magnetic Tool Co. (Electric Hammer), 2902 Carroll, Chicago, Ill.

Hubbard & Co. ("Peirce"), 63rd & Butler, Pittsburgh, Pa.

Irving Mfg. & Tool Co. ("Osborn"), 157 Chambers, New York

Krauter & Co., 583 18th av, Newark, N. J.

Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.

STAR EXPANSION BOLT CO. ("Sebco"), 147 Cedar, New York

Stewart & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

United States Expansion Bolt Co. (Electrical Percussion), Duane & Elm, New York
 Vlchek Tool Co. ("Vlchek") (Electrical Percussion), 10711 Quincy av, Cleveland, O.

Drills (Carriage, Rubber)

See Carriage Cloth, Rubber & Enamel

Drills (Center)

See Countersinks & Counter Drills Combined

4019—Drills (Chain Attachment, Bit Stock)

Buckeye Saw Vise Co. ("Buckeye," Ball Bearing), Cleveland, O.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*
 Fifield Bros. Co., Augusta, Me.
 Goodell-Pratt Co. ("Giant" Automatic & Ratchet), Greenfield, Mass.
 Grabler Mfg. Co. ("Wonder" & "Grabler" Self-Feeding), Cleveland, O.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.
 Millers Falls Co. ("Millers Falls"), 28 Warren, New York. Works: Millers Falls, Mass.
 North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.
 Robinson M. W. Co. ("Dikeman"), 203 37th, Brooklyn, N. Y.
SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York
See adv index at end of book
 Union Twist Drill Co., Athol, Mass.
 Upton & Gilman Machine Co. ("Duff"), Lowell, Mass.

4020—Drills (Churn)

Armstrong Mfg. Co., Armstrong bldg, Waterloo, Ia.
INGERSOLL-RAND CO. ("Calyx"), 11 B'way, New York
See adv index at end of book

4021—Drills (Clamp)

Goodell-Pratt Co. (Angular, Universal, etc), Greenfield, Mass.
 Reed Francis Co. (4 Sizes), Worcester, Mass.
 Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

4022—Drills (Coal, Etc.)

See also Machines, Coal Cutting
American Diamond Rock Drill Co., 95 William, New York
 Bittenbender Geo. H. & Son, Plymouth, Pa.
 Bittenbender W. W. & Co., Nanticoke, Pa.
 Cyclone Machine Co. (Hand Only), Pitts-
 ton, Pa.
 Denver Rock Drill Mfg. Co. ("Waugh"
 Rock), Denver, Colo.
 Eagen Jas. A. (Hand & Power), Wyoming,
 Pa.
 Fulton Tool Works (Coal), Canal, Ful-
 ton, O.
 Hardsocg Martin Co. (Coal & Rock Drills),
 922 South av, Pittsburgh, Pa.
 Hardsocg Mfg. Co. (Hand Grip, Post,
 Post Ratchet, etc), Ottumwa, Ia.
 Hardsocg Wonder Drill Co. ("Wonder,"
 Steam & Air), Ottumwa, Ia.
 Herzler & Henninger Machine Works
 ("Tornado" Coal Only), Belleville, Ill.
 Howell's Mining Drill Co. ("Spry" Elec-
 tric, also Hand & Power), Plymouth,
 Pa.
 Hubbard & Co., 63rd & Butler, Pittsburgh,
 Pa.
INGERSOLL-RAND CO. ("Sergeant,"
 "Jackhammer," "Butterfly," "Leyner-
 Ingersoll" Electric-air), 11 B'way,
 New York *See adv index at end of book*
 Iron City Tool Works, Ltd. (Anthracite &
 Soft Coal), 3201 Smallman, Pittsburgh,
 Pa.
JEFFREY MFG. CO. (Electric Rotary
 Coal), 961 N Fourth, Columbus, O.
See adv index at end of book
Klein-Logan Co. (Hand), 13th & Breed,
Pittsburgh, Pa.
 Leetonia Tool Co., Leetonia, O.
 Le Grand Mine Drill Works, Wilkes-Barre,
 Pa.
 Morgan-Gardner Electric Co. (Power),
 27th & Shields av, Chicago, Ill.

Neumeyer & Dimond ("Demag" Imp), 82
 Beaver, New York
 Nixon Mining Drill Co., Chattanooga,
 Tenn.
 Peoria Coal Drill Works, Peoria, Ill.
 Pettigrew Foundry Co. ("Acme" Hand,
 Coal Mining), Harvey, Ill.
Pittsburgh Knife & Forge Co., 709 Bel-
mont, Pittsburgh, Pa.
 Salem Tool Co. (Coal Only), Salem, O.
 Scranton Electric Construction Co. (Elec-
 tric, for Mining Gypsum, Fire Clay,
 etc), Scranton, Pa.
 Wantling, Isaac & Co. ("Champion" Post,
 "Little Wonder," "New Peoria," Grip
 Coal Drills), Peoria, Ill.

WARWOOD TOOL CO. WHEELING, W. VA.

What Cheer Tool Co. ("Walker"), What
 Cheer, Ia.

4023—Drills (Core)

American Diamond Rock Drill Co. ("Dia-
 mond" Prospecting), 95 William, New
 York
 American Well Works, Aurora, Ill.
See adv index at end of book
 Armstrong Mfg. Co., Waterloo, Ia.
 Birdsboro Steel Foundry & Machine Co.,
 Birdsboro, Pa.
 Crafts Arthur A., 125 Summer, Boston,
 Mass.
 Dobbins Core Drill Co., 149 B'way, New
 York
 Ellison Wm. & Sons Mfg. Co., St. Louis,
 Mo.
INGERSOLL-RAND CO. ("Calyx," "Dia-
 mondless"), 11 B'way, New York
See adv index at end of book
 Lake Shore Engine Works (Diamond),
 Marquette, Mich.
 Longyear E. J. Co. ("Longyear" Mounted
 Gasoline Diamond Drill), Security
 Bank bldg, Minneapolis, Minn.
 McKiernan-Terry Drill Co., Woolworth
 bldg, New York
 Meyers Willard F. Machine Co., 614 Ham-
 iltan, Astoria, N. Y.
 Standard Diamond Drill Co. ("Diamond,"
 Capacity 350 to 6,000 ft), 38 S Dear-
 born, Chicago, Ill.
 Sullivan Machinery Co. ("Diamond"),
 Peoples Gas bldg, Chicago, Ill.

4024—Drills (Corn Planting)

American Seeding Machine Co. (With Fer-
 tilizer Attachment), Springfield, O.
 Avery B. F. & Sons, Louisville, Ky.
Brinly Hardy Co., Louisville, Ky.
 Campbell Bros. Mfg. Co., Harrison, O.
 Case J. I. Plow Works, Racine, Wis.
 Chambers, Bering, Quinlan Co., Decatur,
 Ill.
 Deere & Mansur Works (Also Bean), Mo-
 line, Ill.
 Deucher H. P. Co., Hamilton, O.
 Emerson-Brantingham Co. ("Emerson"
 One-Horse, with Fertilizer, two Row
 Riding), Rockford, Ill.
Fetzer & Co. ("McSherry" & "Fetzer"),
Springfield, Ill.
 Gale Mfg. Co., Albion, Mich.
 Hagood Plow Co., Alton, Ill.
 Hayes Pump & Planter Co. ("Sucker
 State"), Galva, Ill.
 Janesville Machine Co., Janesville, Wis.
 Moline Plow Co. ("Flying Dutchman" &
 "Champion"), Moline, Ill.
 Ohio Rake Co., Dayton, O.
 Parlin & Orendorff Co. ("P. & O." one two
 & three Row), Canton, Ill.
 Peru Plow & Wheel Co., Peru, Ill.
 Racine-Sattley Co. ("Sattley," "Crescent"),
 Springfield, Ill.
 Rock Island Plow Co. ("Rock Island"),
 Rock Island, Ill.
 St. Joseph Plow Co., St. Joseph, Mo.
 Sechler D. M. Implement & Carriage Co.
 ("Black Hawk"), Moline, Ill.
 Shortsville Wheel Co., Shortsville, N. Y.
 Thomas Mfg. Co., Springfield, O.
 Wayne Works, Richmond, Ind.

Drills (Cotter)

See Drilling Machines, Cotter & Key Seat

4025—Drills (Cotton Planting)

American Seeding Machine Co., Spring-
 field, O.
 Avery B. F. & Sons, Louisville, Ky.
 Case J. I. Plow Works, Racine, Wis.
 Deere & Mansur Works, Moline, Ill.
 Moline Plow Co. ("A-1" "Dutchess"), Mo-
 line, Ill.
 Racine-Sattley Co. ("Alomo," "Tonapah"),
 Springfield, Ill.
 Rock Island Plow Co., Rock Island, Ill.
 Thomas Mfg. Co., Springfield, O.

4026—Drills (Diamond)

Crafts Arthur A. (Lens & Lip), 125 Sum-
 mer, Boston, Mass.
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
 Mendes Cutting Factories, 12 John, New
 York
 Meyers, Willard F. Machine Co., 614 Ham-
 iltan, Astoria, N. Y.
 Wennstrom's John Sons Co., Suffern, N. Y.

Drills (Diamond Core)

See Drills, Core

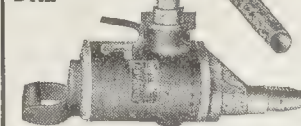
4027—Drills (Electric Portable)

Ajax Electric Tool Co. ("Jackson"), Lud-
 ington, Mich.
 American Electric Tool Co. ("Carver"),
 West, Newton, Mass.
 Anderson Electric Machine Tool Co., 1324
 Cass av, St. Louis, Mo.
 Black & Decker Mfg. Co. ("B. & D"), 111
 So Calvert, Baltimore, Md.
 Cary Jas. H. Portland, Me.
CHICAGO PNEUMATIC TOOL CO.
 ("Duntley" Air Cooled), Fisher bldg,
 Chicago, Ill.
See adv index at end of book
 Cincinnati Electrical Tool Co., Cincinnati,
 O.
 Clark Jas., Jr., Electric Co., Louisville, Ky.
 Coates Clipper Mfg. Co., Worcester, Mass.
 Deer A. J. Co. ("Royal"), Hornell, N. Y.
 Electric Tachometer Co. ("Locke"), Perry
 bldg, Phila., Pa.
 Emerson Electric Mfg. Co. (Motor Driven),
 2024 Washington av, St. Louis, Mo.
 Fortuna Machine Co. (Importers), 127
 Duane, New York
 Hisey-Wolf Machine Co. ("Hisey"), Cin-
 cinnati, O.
 Holtzer-Cabot Electric Co. ("H.-C." Ver-
 tical for Jewelry Works, Drilling Len-
 ses, etc.), Brookline, Mass.
 Independent Pneumatic Tool Co., 1307
 Michigan av, Chicago, Ill.
 Neil & Smith Electric Tool Co. ("Ideal"),
 120 E 6th, Cincinnati, O.
 Scranton Electric Construction Co. (For
 Mining Gypsum, Fire Clay, etc), Scrant-
 on, Pa.
 Sprague Electric Works, 527 W 34th, New
 York

Our Universal Drills and Grinders

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 A. C. 0 to
 60 cycles.

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 Cincinnati Ohio

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Stow Mfg. Co., Binghamton, N. Y.

See adv index at end of book
 Temco Electric Motor Co. ("Temco" Drills
 & Motors), Leipsic, O.
 United States Electrical Tool Co. (Hand),
 Cincinnati, O.
 Van Dorn Electric Tool Co., 2978 Wood-
 hill, Cleveland, O.

4028—Drills (Electrician's)

See Drills & Bits, Electricians'

4029— Drills (Extension)

Grabler Mfg. Co. (For Drilling Into I Beams or Concrete), Cleveland, O.
 Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
 Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

4030— Drills (Fertilizer)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Philadelphia, Pa.
 American Seeding Machine Co., Springfield, O.
 Bateman Mfg. Co. ("Iron Age" Hand), Grenloch, N. J.
 Crown Mfg. Co., Phelps, N. Y.
 Emerson-Brantingham Co., Rockford, Ill.
 Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.
 Genesee Valley Mfg. Co., Mt. Morris, N. Y.
 Genung C. W. ("Iron King" Hand), Madison, Ohio
 Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
 Hench & Dromgold Co., York, Pa.
 Keystone Farm Machine Co., York, Pa.
 Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, Ohio
 National Drill Co., Cambridge City, Ind.
 Rude Mfg. Co., Liberty, Ind.
 Thomas Mfg. Co., Springfield, O.
 Wayne Works, Richmond, Ind.

4031— Drills (Flat)

Atha Tool Co., Chapel, Newark, N. J.
 Eagle Tool Works, Bayonne, N. J.
 Pratt & Whitney Co., Hartford, Conn.
 Rich Tool Co., Ry. Exchange bldg, Chicago, Ill.

Drills (Flat High Speed)

See Drills, Flat Twist

4032—*Drills (Flexible Shaft)

GEM MFG. CO. ("Gem" Electric), Goebel, nr Fulton, N S, Pittsburgh, Pa.
See adv index at end of book

4033— Drills (Friction Disc)

Barnes W. F. & Jno. Co. ("Barnes" Bench), Rockford, Ill.
 Hoefer Mfg. Co., Freeport, Ill.

Drills (Gang)

See Drilling Machines, Gang

4034— Drills (Garden Seed)

Ames Plow Co., Framingham, Mass.
 Bacon Mfg. Co., Pontiac, Mich.
 Bateman Mfg. Co., Grenloch, N. J.
 Columbia Planter Co., Springfield, O.
 Genung C. W., Madison, O.
 McWhorter Mfg. Co., Riverton, N. J.
 Thornburgh Mfg. Co., Bowling Green, O.

4035— Drills (Grain)

American Seeding Machine Co. ("Buck-eye," "Farmer's Favorite," "Fountain City," "Superior" Hoe, Shoe, Disc, also Low Down Press), Springfield, O.
 Beatrice Iron Works, Beatrice, Neb.
 Beaver Dam Mfg. Co., Beaver Dam, Wis.
 Chambers, Bering, Quinlan Co., Decatur, Ill.
 Champion Drill Co. ("Champion," "New York Champion"), Avon, N. Y.
 Champion Wagon Co., Owego, N. Y.
 Children's E. Sons Mfg. Co. ("Hawkeye"), Council Bluff, Ia.
 Crown Mfg. Co., Phelps, N. Y.
 Dempster Mill Mfg. Co. ("Dempster," "New Era"), Beatrice, Neb.
 Dowagiac Drill Co. ("Cassapolis," "Dowagiac"), Dowagiac, Mich.
 Emerson-Brantingham Co. ("Emerson" Plain & Fertilizer), Rockford, Ill.
 Farquhar A. B. Co., Ltd. ("Pennsylvania" Force, Feed, Grain, Grass & Phosphate), York, Pa.
 Fetzer & Co. ("Columbia," "Plymouth," "Southern," "McSherry" & "Fetzer"), Springfield, Ill.
 Galloway Wm. Co., Waterloo, Ia.
 Gantt Mfg. Co., Macon, Ga.
 Genesee Valley Mfg. Co. ("Missouri"), Mount Morris, N. Y.
 Gundlach Philip M. Sons (Force Feed), Bellville, Ill.
 Hapgood Plow Co., Alton, Ill.

Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.

Hench & Dromgold Co. ("York"), York, Pa.

Hocking Valley Mfg. Co., Lancaster, O.
 King Drill Mfg. Co., Nebraska City, Neb.
 La Crosse Plow Co. ("Imperial"), La Crosse, Wis.

Lean Roderick Mfg. Co. ("Roderick Lean" Hoe & Shoe), Mansfield, O.

Messinger Mfg. Co. (With Grass Seeder), Tatamy, Pa.

Moline Plow Co. ("Monitor"), Moline, Ill.

Monitor Drill Co., St. Louis Park, Minn.

Monmouth Plow Factory, Monmouth, Ill.

National Drill Co., Cambridge City, Ind.

Ontario Drill Co., E. Rochester, N. Y.

Owatonna Mfg. Co., Owatonna, Minn.

Peoria Drill & Seeder Co. ("Illinois," "Union"), Peoria, Ill.

Rock Island Plow Co., Rock Island, Ill.

Rude Mfg. Co. ("Rude," "Rude-Northwestern," "Indiana"), Liberty, Ind.

Sterling Mfg. Co., Sterling, Ill.

Thomas Mfg. Co. ("Thomas"), Springfield, O.

Van Brunt Mfg. Co., Horicon, Wis.

Wayne Works, Richmond, Ind.

Wood Walter A. Mowing & Reaping Machine Co. ("Climax"), Hoosick Falls, N. Y.

4036— Drills (Grain Disc)

See also Drills, Grain

American Seeding Machine Co., Springfield, O.

Beaver Dam Mfg. Co., Beaver Dam, Wis.

Brinly Hardy Co., Louisville, Ky.

Chambers, Bering, Quinlan Co., Decatur, Ill.

Champion Drill Co., Avon, N. Y.

Crown Mfg. Co., Phelps, N. Y.

Dempster Mill Mfg. Co., Beatrice, Neb.

Dowagiac Drill Co., Dowagiac, Mich.

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

Farquhar A. B. Co. (Ltd.), York, Pa.

Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.

Genesee Valley Mfg. Co., Mt. Morris, N. Y.

Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.

La Crosse Plow Co. ("Imperial"), La Crosse, Wis.

Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.

Monitor Drill Co., St. Louis Park, Minn.

Ontario Drill Co., E. Rochester, N. Y.

Owatonna Mfg. Co., Owatonna, Minn.

Peoria Drill & Seeder Co., Peoria, Ill.

Rock Island Plow Co. (Comb Disc Drill & Harrow), Rock Island, Ill.

Thomas Mfg. Co. (Plain & Fertilizer), Springfield, O.

Van Brunt Mfg. Co. (Shoe & Hoe & Low Down Press), Horicon, Wis.

Wayne Works, Richmond, Ind.

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Wayne Works, Richmond, Ind.

Wayne Works, Richmond, Ind.

Drills (Grain & Fertilizer Combined)

See Drills, Grain

4037— *Drills (Grain & Rice)

INTERNATIONAL HARVESTER CO. OF AMERICA (INC.) (Empire, Empire, Jr., Hoosier, Kentucky), 702 Harvester bldg, Chicago, Ill.
See adv index at end of book

Drills (Hammer)

See Drills, Rock, Air Hammer

Drills (Hammer, Brick & Stone)

See Drills, Brick & Stone

4038— Drills (Hand Power)

Buffalo Forge Co. (Hand, Pulley & Motor Driven), Buffalo, N. Y.
 Champion Blower & Forge Co., Lancaster, Pa.
 Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
 Coates Clipper Mfg. Co., Worcester, Mass.
 Fortuna Machine Co., 127 Duane, New York
 Fray Jno. S. Co. (Malleable Iron Frame), Bridgeport, Conn.
 Goodell-Pratt Co. (Double Geared, etc), Greenfield, Mass.

Illinois Iron & Bolt Co., Carpentersville, Ill.
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

Jones E. D. & Sons Co. (For Metal), Pittsfield, Mass.

Luther Grinder Mfg. Co. ("Luther" Bench), 285 S Water, Milwaukee, Wis.

Mills Falls Co. (Ball Bearing), Millers Falls, Mass.

North Bros. Mfg. Co. ("Yankee," Automatic & Reciprocating, for Carpenters, etc), cor N American & Lehigh av, Phila., Pa.

Rutschman Oscar F., 1906 E Westmoreland, Phila., Pa.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

U. S. Electrical Tool Co., Cincinnati, O.

Upton & Gilman Machine Co. (With Screw Feed & Chain Attachment), Lowell, Mass.

Drills (High Speed)

See Drills, Twist, High Speed

4039— Drills (Joist)

Bowlus Mfg. Co., Springfield, O.

4040—*Drills (Machine for Drilling Concrete)

DIAMOND EXPANSION BOLT CO. ("Rapid Fire"), 89 West, New York
See adv index at end of book

4041—Drills (Marble & Granite)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Lincoln Iron Works, Rutland, Vt.

Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.

Vogl Tool Co., Kansas City, Mo.

4042— Drills (Mine Ratchet)

Jones Machine & Foundry Co. ("Jones" Reversible), Chattanooga, Tenn.

Nixon Mining Drill Co., Chattanooga, Tenn.

Peglar Mfg. Co., Chattanooga, Tenn.

What Cheer Tool Co. ("Moser"), What Cheer, Ia.

4043—Drills (Mine, Self-Feeding)

Ohio Brass Co., Mansfield, O.

Drills (Multiple Spindle)

See Drilling Machines, Multiple Spindle

4044— Drills (Onion)

Allen S. L. & Co. ("Planet Jr." Single Row), Denckla bldg, Phila., Pa.

Bacon Mfg. Co. ("Bacon" Two Row), Pontiac, Mich.

Genung C. W. ("Iron King" Single Row), Madison, O.

4045— Drills (Paper)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

Tatum Sam'l C. Co. (Single & Multiple), Cincinnati, O.

4046— Drills (Pipe)

Star Expansion Bolt Co. ("Star"), 147 Cedar, New York

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

4047—*Drills (Pipe & Star Face)

DIAMOND EXPANSION BOLT CO., 89 West, New York

See adv index at end of book

Drills (Piston Air)

See Pneumatic Piston Drills

Drills (Plug)

See Pneumatic Plug Drillers

Drills (Portable)

See Drilling Machines, Portable

4048— Drills (Post)

See also Drills, Blacksmith's

Aurora Tool Works, Aurora, Ind.

Buffalo Forge Co. (Floor & Bench), Buffalo, N. Y.

Canedy-Otto Mfg. Co. ("Western Chief," Automatic Self-Feed), Chicago Heights, Ill.
 Champion Blower & Forge Co. ("Champion" Self-Feed, etc), Lancaster, Pa.
 Goodell-Pratt Co. (Or Wall), Greenfield, Mass.
 Illinois Iron & Bolt Co. ("Handy" & "Bailey" Ball Bearing, Hand or Power), Carpentersville, Ill.
 Kane & Roach, Syracuse, N. Y.
 Luther Grinder Mfg. Co., Milwaukee, Wis.
 Noyes B. B. & Co., Greenfield, Mass.
 Potts D. H. Co., Lancaster, Pa.
 Reed Francis Co., Worcester, Mass.
 Silver Mfg. Co., Salem, O.
SMITH & HEMMENWAT CO., 76 Chambers, New York
See adv index at end of book

4049—Drills (Post Mining)

Beall Brothers, Inc., Alton, Ill.
 Fulton Tool Co., Huntington, W. Va.
 Howell Mining Drill Co. (Ball Bearing, Heavy Geared), Plymouth, Pa.
 What Cheer Tool Co. ("Walkers," "Little Jap"), What Cheer, Ia.
 Whitcomb Geo. D. Co. ("Whitcomb"), Rochelle, Ill.

4050—Drills (Prospecting, Hand or Power)

American Well Works (Power Only), Aurora, Ill. *See adv index at end of book*
 Armstrong Mfg. Co., 200 Armstrong bldg, Waterloo, Ia.
 Birdsboro Steel Foundry & Machine Co. ("Diamond"), Birdsboro, Pa.
 Ingersoll-Rand Co. 11 Broadway, New York. *See adv index at end of book*
KEYSTONE DRILLER CO. (Power Prospecting), Beaver Falls, Pa.
 Muench George (Hand), Stamford, Conn.
 New York Engineering Co. ("Empire" Hand), 2 Rector, New York
 Sparta Iron Works Co., Sparta, Wis.
 Sullivan Machinery Co. ("Diamond" Core), Peoples Gas bldg, Chicago, Ill.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

Drills (Radial)

See Drilling Machines, Radial

4050a—*Drills (Rail Bonding)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book

4051—Drills (Railway Track)

Aldon Co. ("Standard," "Biland" Paulus Pattern Automatic Feed), 3338 W Ravenswood av, Chicago, Ill.
 Bissell F. Co. ("Security"), Toledo, O.
 Buda Co. ("Hyduty" Automatic Feed & "Buda-Wilson" for Bonding Work), Railway Exchange bldg, Chicago, Ill.
CHICAGO PNEUMATIC TOOL CO. ("Duntley" Electric), Fisher bldg, Chicago, Ill. *See adv index at end of book*
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Coates Clipper Mfg. Co., Worcester, Mass.
 Crerar, Adams & Co. ("Coulter-Paxton"), 259 E Erie, Chicago, Ill.

Fairbanks, Morse & Co. ("Sheffield" Self-Feeding), 900 S Wabash av, Chicago, Ill.

Gallagher Bernard, Lynn, Mass.
 Goodell-Pratt Co., Greenfield, Mass.
 Handlan-Buck Mfg. Co. ("Handlan," "Paulus," "Beland," "Underwood," "Champion," "Noble" & "Union Pacific"), 210-14 N 3rd, St. Louis, Mo.
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

Johnson Isaac G. & Co. ("Victor"), Spuyten Duyvil, New York
 Johnston & Jennings Co. ("Ludlow" Electric), Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

Kalamazoo Railway Supply Co. ("Moore"), Kalamazoo, Mich.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.
 Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.

LOWELL WRENCH CO. ("L. X. L." Reversible Ratchet), 54 Commercial, Worcester, Mass.
See adv index at end of book

Michigan Machinery Mfg. Co., ("Sweet"), Ypsilanti, Mich.
 Millers Falls Co., 28 Warren, New York
 National-Standard Co. ("Standard," "Climax"), Box 211, Niles, Mich.
 Pettibone, Mulliken & Co. ("Ball," "Union," "Perfection"), 140 S Dearborn, Chicago, Ill.

Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.

Rich Tool Co., Railway Ex., Chicago, Ill.
 Sheffield Car Co., Three Rivers, Mich.
 Signal Accessories Co., Utica, N. Y.
 Standard Tool Co., 6900 Central av, Cleveland, O.

Stow Mfg. Co. (Flexible Shaft), Binghamton, N. Y. *See adv index at end of book*

4052—Drills (Ratchet)

Armstrong Bros. Tool Co. ("Armstrong" Universal, Short, Standard & Packer), 339 N Francisco av, Chicago, Ill.
 Ashcroft Mfg. Co., 119 W 40th, New York
 Bagshaw & Field (Flat), 445 N 5th, Phila., Pa.

Billings & Spencer Co. (Double-Acting "Packer" for Flat & Square Shank Drills), Hartford, Conn.

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Brewer Bros. Co., 614 Filbert, Phila., Pa.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

Curtis & Curtis Co. (Flat & Pipe), Bridgeport, Conn.

Detroit Twist Drill Co., 555-567 Fort, Detroit, Mich. *See adv index at end of book*

Gallagher Bernard ("Universal"), Lynn, Mass.

Goodell-Pratt Co., Greenfield, Mass.
 Irving Mfg. & Tool Co. ("Weston's" Packer), 157 Chambers, New York

Keystone Mfg. Co. ("Monarch," "Keystone," "Giant," "Weston"), Buffalo, N. Y.

Kilborn & Bishop Co. ("Navy"), New Haven, Conn.

King A. R. Mfg. Co. ("Packer"), Kingston, N. Y.

Lincoln-Williams Twist Drill Co., Taunton, Mass.

Lovejoy Tool Works ("Packer"), 319 W Ohio, Chicago, Ill.

LOWELL WRENCH CO. ("S. T. D." Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*

Millers Falls Co. (Flat), 28 Warren, New York

Oswego Tool Co. ("Packer"), Oswego, N. Y.

Parker Chas. Co., Meriden, Conn.

Peck, Stow & Wilcox Co., Southington, Conn.

Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.

Reed Francis Co. (Plain & Geared), Worcester, Mass.

Standard Tool Co., 6900 Central av, Cleveland, O.

Stortz John & Son (Flat & Pipe), 210 Vine, Phila., Pa.

Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4053—Drills (Rice Planting)

American Seeding Machine Co. ("Buck-eye," "Farmer's Favorite," "Superior"), Springfield, O.

Fetzer & Co. ("Columbia," "Plymouth," "Southern," "McSnerry" & Fetzer"), Springfield, Ill.

Genesee Valley Mfg. Co. ("Missouri"), Mt. Morris, N. Y.

Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.

Moline Plow Co. ("Monitor"), Moline, Ill.

Peoria Drill & Seeder Co., Peoria, Ill.

Thomas Mfg. Co. ("Thomas"), Springfield, O.

Wayne Works, Richmond, Ind.

Drills (Rock, Air)

See Pneumatic Rock Drills

4054—Drills (Rock, Air Hammer)

(For Mining & Construction)

Carnahan C. T. Mfg. Co., Denver, Colo.

Denver Rock Drill Mfg. Co. ("Vaugh" Drifting, Stopping & Sinking), Denver, Col.

Fairbanks, Morse & Co. ("Sinclair"), 900 S Wabash av Chicago, Ill.

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York

Shaw C. H. Pneumatic Tool Co., Denver, Colo.

Sullivan Machinery Co., People's Gas bldg, Chicago, Ill.

Whitcomb Geo. D. Co., Rochelle, Ill.

4055—Drills, (Rock, Autotracting)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4056—Drills (Rock, Compressed Air)

Compressed Air & General Machinery Co. ("Giant"), 39 Stevenson, San Francisco, Cal.

Howell's Mining Drill Co., Plymouth, Pa.

CCLASSIFICATIONS which are marked thus (*) are not Standard Classifications and are only used for those concerns who advertise or pay for Bold Face Listings. Other concerns in similar lines of business will always be found under the Standard Classifications.

INGERSOLL-RAND CO. ("Sergeant," "Butterfly," "Leyner - Ingersoll," "Jackhammer," "Bull Moose," "Stope-hamer"), 11 B'way, New York
See adv index at end of book
 McKiernan-Terry Drill Co., Woolworth bldg, New York
 Rix Compressed Air & Drill Co. ("Torpedo Baby Drill"), 505 Howard, San Francisco, Cal.
 Rogers Jno. M. Works, Gloucester City, N. J.
 Schramm Chris. D. & Son (Up to 6' Holes, in any Rock, Self Rotating Drill up to 12' Holes), 308 N 4th, Phila., Pa.
 Shaw C. K. Pneumatic Tool Co., Denver, Colo.

4057—Drills (Rock, Electric)

American Well Works, Aurora, Ill.
See adv index at end of book
 Armstrong Mfg. Co., Waterloo, Ia.
 Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, New York
See adv index at end of book
 Howell's Mining Drill Co., Plymouth, Pa.
 Marvin Electric Drill Co., Binghamton, N. Y.
 Mine & Smelter Supply Co. ("Durkee"), 42 B'way, New York
 Morgan-Gardner Electric Co., 27th & Shields av, Chicago, Ill.
 Pneumelectric Machine Co., Syracuse, N.Y.

4058—*Drills (Rock, Electric Air)

See also Drills, Rock, Electric
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4059—Drills (Rock, Gasoline)

Armstrong Mfg. Co., Waterloo, Ia.
 Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Phila., Pa.
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
 Scott Drill Co. ("Scott"), 1013 Chestnut, St. Louis, Mo.

4060—Drills (Rock, Hand)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book
 Cleveland Rock Drill Co., Cleveland, O.
 Denver Rock Drill Mfg. Co. ("Waugh" Hand Sinker), 30 Church, New York
 Ingersoll-Rand Co. ("Jackhammer," "Bull Moose," "Invincible"), 11 Broadway, New York
See adv index at end of book
 Vogl Tool Co., Kansas City, Mo.

4061—Drills (Rock, Steam)

See also Drills, Rock, Electric; also Pneumatic Rock Drills
 Acme Road Machinery Co., Frankfort, N. Y.
 Armstrong Mfg. Co., Waterloo, Ia.
 Carnahan C. T. Mfg. Co., Denver, Colo.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.
See adv index at end of book

Cleveland Rock Drill Co. ("Cleveland"), Cleveland, O.
 Compressed Air & General Machinery Co. ("Giant" Compressed Air), 39 Stevenson, San Francisco, Cal.
 Denver Rock Drill Mfg. Co. ("Waugh," for Stopping, Sinking & Drifting), 30 Church, New York
 Hardsocg Wonder Drill Co. (Reciprocating or Piston), Ottumwa, Ia.
INGERSOLL-RAND CO. ("Sergeant," "Leyner - Ingersoll," "Jackhammer," "Butterfly"), 11 B'way, New York
See adv index at end of book
 Le Grand Mine Drill Wks. (Coal & Rock Mine), Wilkes-Barre, Pa.
 McKiernan-Terry Drill Co., Woolworth bldg, New York
 Mine & Smelter Supply Co. ("Holman"), 42 B'way, New York
 Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
 Rogers John M. Works, Gloucester City, N. J.
 Sullivan Machinery Co. (Steam or Air), Peoples Gas bldg, Chicago, Ill.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Vogl Tool Co., Kansas City, Mo.
 Wickes Bros. ("Murphy's" Little Champion), Jersey City, N. J.

4062-3—Drills (Rose)

Racky Albert C. 531 S 5th av, Chicago, Ill.

Drills (Sensitive)

See Drilling Machines, Sensitive

4064—Drills (Shell)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Lincoln-Williams Twist Drill Co., Taunton, Mass.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Yonts C. H. & Co. (Combination), Meadville, Pa.

4065—Drills (Slate)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
 Nixon Mining Drill Co., Chattanooga, Tenn.
 Ruggles Machine Co., Poultney, Vt.

4066—Drills (Star)

See also Drills, Brick & Stone
 Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Brewer Bros. Co., 614 Filbert, Phila., Pa.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Carver Tool Works, Spring Valley, N. Y.
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
 Eagle Tool Works, Bayonne, N. J.
 Kilborn & Bishop Co., New Haven, Conn.
 Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.
Mound Tool Co., 1203 S 7th, St. Louis, Mo.
 Racky Albert C., 531 S 5th av, Chicago, Ill.

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.
 Stortz Jno. & Son (Stone), 210 Vine, Phila., Pa.
SYRACUSE TWIST DRILL CO. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 United States Expansion Bolt Co. (For Brick & Stone), Duane & Elm, New York
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
 Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

4067—Drills (Stove)

Wolverine Brass Works, Grand Rapids, Mich.
 Yonts C. H. & Co., Meadville, Pa.

Drills (Suspension)

See Drilling Machines, Suspension

4068—Drills (Tamp Churn)

Armstrong Mfg. Co., Waterloo, Ia.
 Hardsocg Mfg. Co. (Iron & Copper), Ottumwa, Ia.
 Hardsocg Wonder Drill Co. (Copper), Ottumwa, Ia.
 Sparta Iron Works Co., Sparta, Wis.
 What Cheer Tool Co. (Iron & Copper for Coal Mining), What Cheer, Ia.

4069—Drills (Tap)

Card S. W. Mfg. Co., Mansfield, Mass.
 Chicago Screw Co. (For Machine Screw Taps), 13 N Jefferson, Chicago, Ill.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich.
See adv index at end of book
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Union Twist Drill Co., Athol, Mass.
 Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

4070—*Drills (Taper Shank)

Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.

Drills (Track)

See Drills, Railway Track

Drills (Traverse)

See Drilling Machines, Traverse

Drills (Turret)

See Drilling Machines, Turret

4071—Drills (Twist)

Buckeye Twist Drill Co., Alliance, O.
 Celfor Tool Co. ("Celfor"), Buchanan, Mich.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Detroit Twist Drill Co. ("Graham" Straight & Taper), 555 Fort, Detroit, Mich.
See adv index at end of book

DETROIT TWIST DRILLS



SUPERIOR STOCK,
METHODS OF
MANUFACTURE,
HEAT TREATMENT
AND INSPECTION

DETROIT TWIST DRILL CO.
555-567 Fort St. W.
DETROIT, - - - MICHIGAN.

Down Tool Works, Fleetwood, Pa.
 Ebstein Bros. ("Gladium" Imp.), 127 Duane, New York
 Etna Co., Taunton, Mass.
FRASSE PETER A. & CO. (INC.) (Jobbers), 417 Canal, New York
See adv index at end of book
 Lincoln-Williams Twist Drill Co. ("Pioneer," "Lincoln," "L-W" High Speed), Taunton, Mass.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 National Twist Drill & Tool Co. ("National"), Detroit, Mich.
 New Process Twist Drill Co. (Taper Shank), Taunton, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Rich Tool Co., Ry. Exchange bldg, Chicago, Ill.
 Rogers H. A. Co. ("Morse" Jobbers), 87 Walker, New York
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
SMITH & HEMENWAY CO. (Jobbers), 76 Chambers, New York
See adv index at end of book
 Standard Tool Co., 6900 Central av, Cleveland, O.
SYRACUSE TWIST DRILL CO. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Toledo Drill & Tool Co. ("Ellery"), Toledo, O.
 Union Twist Drill Co., Athol, Mass.
WHITMAN & BARNES MFG. CO. ("Diamond" Carbon), Akron, O.
See adv index at end of book

4072—Drills (Twist, High Speed)

Buckeye Twist Drill Co., Alliance, O.
 Celfor Tool Co. ("Celfor"), Buchanan, Mich.
 Cleveland Twist Drill Co. ("Paragon"), 1 E 49th, Cleveland, O.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich.
See adv index at end of book
FRASSE PETER A. & CO. (INC.) (Jobbers), 417 Canal, New York
See adv index at end of book
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 New Process Twist Drill Co. ("Vanadium"), Taunton, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Rich Tool Co., Ry. Exch. bldg, Chicago, Ill.
Ryerson Jos. T. & Son ("Ryerson-Forged"), 2558 W 16th, Chicago, Ill.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Union Twist Drill Co., Athol, Mass.
WHITMAN & BARNES MFG. CO. ("Hercules," "Diamond"), Akron, O.
See adv index at end of book

Drills (Universal)

See Drilling Machines, Universal Radial

Drills (Upright)

See Drilling Machines, Vertical

4073—*Drills (Wagon)

Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book

4074—*Drills (Wood Boring Brace)

SYRACUSE TWIST DRILL CO. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book

4075—Drills & Bits (Electricians')

See also Drills, Hammer, Brick & Stone
 American Plaster Drill Co., 688 B'way, Brooklyn, N. Y.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.
See adv index at end of book
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
 Daugherty-Smith-Phillips Co., 502 W Division, Chicago, Ill.
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich.
See adv index at end of book
 Deuse J. S. (Bits & Gimlets), Chester, Conn.
 Diamond Expansion Bolt Co., 89 West, New York.
See adv index at end of book
 Dicke Tool Co., Downers Grove, Ill.
 Ford Auger Bit Co. ("Ford"), Holyoke, Mass.
 Forest City Bit & Tool Co., Rockford, Ill.
 Ives W. A. Mfg. Co. ("Mephisto"), Wallingford, Conn.
 Kraeuter & Co. (For Brick & Stone), 583 18th av, Newark, N. J.
 Lebanon Mach. Co., Lebanon, N. H.
 Mayhew H. H. Co., Shelburne Falls, Mass.
 Millers Falls Co., Millers Falls, Mass.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Nat. Twist Drill & Tool Co., Brush nr E Grand blvd, Detroit, Mich.
 Osborne Henry G. (For Brick & Stone), 157 Chamber, New York
 Pugh Job T., 31st & Ludlow, Phila., Pa.
SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York
See adv index at end of book
 Snell Mfg. Co., Fiskdale, Mass.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Star Bit & Tool Co., Rockford, Ill.
 Star Expansion Bolt Co., 149 Cedar, New York
 Stortz John & Son, 210 Vine, Phila., Pa.
 Swan James Co., Seymour, Conn.
SYRACUSE TWIST DRILL CO. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Union Twist Drill Co., Athol, Mass.
 Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
 Wisconsin Elec. Co. ("Dumore"), Racine, Wis.
See adv index at end of book

4076-7—Drills & Listers (Combined)

Gale Mfg. Co. (Riding & Walking), Alblon, Mich.
 Moline Plow Co. ("Puritan" Walking, "Tri Belle," & "Western Belle" Riding), Moline, Ill.
 Racine-Sattley Co., Springfield, Ill.
 Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.

Drinking Cups

See Cups, Drinking, Collapsible; also Cups, Paper

4078—Drips (Gauge Cock)

Knapp Mfg. & Supply Co., 241 Water, New York

4079—Drivers (Bolt)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.

4080—Drivers (Brad)

Grammes L. F. & Sons, Allentown, Pa.

4081—Drivers (Coopers' Hoop)

Atha Tool Co., Chapel, Newark, N. J.
 Brewer Bros. Co. (Steel), 614 Filbert, Phila., Pa.
 Drew C. & Co., Kingston, Mass.
 Piqua Handle & Mfg. Co. (Wood), P. O. Box 307, Piqua, O.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Stossel Carl & Co., Front Royal, Va.
 Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.
 White L. & I. J. Co. (Solid Steel, Also Hickory Wood), 120 Columbia, Buffalo, N. Y.

4082—Drivers (Staple)

McIntire & Co., Port Chester, N. Y.
 Perfection Mfg. Co., Oakland, Cal.
SMITH & HEMENWAY CO., 76 Chambers, New York
See adv index at end of book
 Spencers' I. S. Sons (Inc.), Guilford, Conn.

4083—Drives (Angle Chain)

Ams Max Machine Co. ("Positive"), Bridgeport, Conn.

4084—Drives (Chain)

See Chains, Power Transmission

4085—*Drives (Chain, for Dryers)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

4086—*Drives (Gear)

LINK-BELT CO. (Silent Chain), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

Drives (Power)

See Drives, Rope; Drives, Gears; Machinery, Power Transmitting

4087-8—Drives (Rope)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky.
See adv index at end of book
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

CARBON AND HIGH SPEED TWIST DRILLS



Wood boring and Electricians' Bits; Nail Sets; Hollow Drive, Center, Prick, Pin, Solid and Tinnners' Punches; Cold, Cape, Diamond-Point and Plumbers' Chisels; Bit Stock, Drill and Machine Countersinks; Bit Gauges and Handles; Cotter Pin Pullers, Screw Driver Bits, Handle Wedges and Tool Sets.

SYRACUSE TWIST DRILL CO., Borden Ave., Syracuse, N. Y.

DODGE SALES & ENGINEERING CO. (Rope transmission of power), Mishawaka, Ind.
 Hill Church Co., 1000 W 58th, Cleveland, Ohio
 Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Meese & Gottfried Co., 660 Mission, San Francisco, Cal.
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
 Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
 Stephens-Adamson Mfg. Co., Aurora, Ill.
 Strait H. N. Mfg. Co. (Vertical or Horizontal), Kansas City, Kans.
 Webster Mfg. Co., Tiffin, O.
 Wolf Co., Chambersburg, Pa.

Drives (Silent Chain)

See Chains, Power Transmission

4089— Drop Black

Binney & Smith Co., 81 Fulton, New York
 Coulston J. W. & Co. (Imp.), 80 Maiden la, New York
 Doggett Stanley (Imp.), 11 Cliff, New York
 Osborn C. J. Co. (Imported), 132 Nassau, New York
 Scheel Wm. H. (Imp.), 159 Maiden la, New York
 Seaver & Co., 120 Milk, Boston, Mass.
 Siemon & Elting, 99 Nassau, New York
 Smith J. Lee & Co. (Imported), 19 Jacob, New York

4090— Droppers (Medicine)

Parker-Stearns & Co. (Glass, Rubber Bulb), 286 Sheffield av, Brooklyn, N. Y.
 Raley Rubber Co., New Haven, Conn.
 Tyler Rubber Co. (Glass, Rubber Bulb), Andover, Mass.

4091—Drops (Package & Letter)

Champion Hardware Co. ("Champion"), Geneva, O.
 Eagle Lock Co., Terryville, Conn.
 Highton Wm. & Sons Co., Nashua, N. H.

4092— Drops & Pins

Auer John, Jr. (Japanned on Plates with Staples, or with Screw Eyes), 197 Middleton, Brooklyn, N. Y.

4093— Dross (Metal)

Eagle Smelting & Refining Works, 233 B'way, New York
 Hanshaft Max, 262 Front, New York
 Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.
 Kramer H. & Co. (Dross & Skimmings), 730 S Canal, Chicago, Ill.
 Loraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.
 Nassau Smelting & Refining Works, 607 W 29th, New York
 Smith Morton B. Co., 241 Front, New York
 Union Smelting & Refining Co., 14th & Av D, New York

Drug Store Fixtures

See Store & Bar Fixtures

Drums (Barking)

See Wood Barking Machines

4094-5— Drums (Brake)

BOSSERT CORPORATION, THE (Pressed Steel), Utica, N. Y.
See adv index at end of book
 Buffalo Pressed Steel Co., 31 Lansing, Buffalo, N. Y.
 Chicago Steel Foundry Co., 3701 Kedzie av, Chicago, Ill.
 Clark Edward S., Boston, Mass.
 Crosby Co., 183 Pratt, Buffalo, N. Y.
 Cullmon Wheel Co., 1346 Altgeld, Chicago, Ill.
 Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
 Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.
 Gier Pressed Steel Co., Lansing, Mich.

Globe Machine & Stamping Co. (Pressed Steel), Cleveland, O.
 Hydraulic Pressed Steel Co., Cleveland, O.
 Kelsey Wheel Co., 1208 Military av, Detroit, Mich.
 Matthews H. A. Mfg. Co., Seymour, Conn.
 Muncie Gear Works ("Muncie"), Muncie, Ind.
 Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.
 Royal Equipment Co., Bridgeport, Conn.
 Sharon Steel Hoop Co. (For Automobile), Youngstown, O.
 Worcester Pressed Steel Co. ("Presteel"), Worcester, Mass.

4096—*Drums (Glycerine & Oil)

SCAIFE WM. B. & SONS CO., First Nat'l Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Drums (Hoisting)

See Engines, Hoisting; also Engines, Hoisting, Contractors'

4097— Drums (Incline)

(Incline Drums & Machinery)

Helmick Foundry & Machine Co., Fairmount, W. Va.
 Niles Mine & Mill Supply Co., Citizens bldg, Cleveland, O., & Niles, O.
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
 Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
 Sanford-Day Iron Works, Knoxville, Tenn.
 Savage W. J. Co. (Gravity), Knoxville, Tenn.
 South Side Foundry & Machine Works, Charleston, W. Va.
 Stine J. C. Co., Tyrone, Pa.

4098— Drums (Iron)

Du Pont E. I. de Nemours & Co. (By-Products Div.), Wilmington, Del.
 Toledo Steel Barrel Co., Corn Exchange bldg, Chicago, Ill.

4099— Drums (Malting)

Galland-Henning Pneumatic Malting Drum Co. (Pneumatic), Milwaukee, Wis.

4100—Drums (Pneumatic Sanding)

Redin, Ekstrom & Co., Rockford, Ill.

4101—Drums (Rope Driving)

Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
 Vulcan Iron Works, Wilkes-Barre, Pa.
 Woonsocket Machine & Press Co., Woonsocket, R. I.

4102— Drums (Sand)

Cummer F. D. & Son Co., The Arcade, Cleveland, O.

4103—Drums (Steam or Mud)

East Jersey Pipe Corp., Paterson, N. J.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Murray Iron Works Co., Burlington, Ia.
 Petroleum Iron Works Co., Sharon, Pa.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.

4104— Drums (Steel)

Atlas Engineering Co., Amherst, O.
See adv index at end of book
BERTELS W. B. & SON CO. (Lock Cover Shipping Drums), Wilkes-Barre, Pa.
 Pressed Steel Products Co., Sharon, Pa.

Drums (Steel Shipping)

See Barrels, Steel Shipping

Drums (Vacuum Drying)

See Dryers, Vacuum

4105— Drums (Wax Chilling)

Moore Sam'l L. & Sons, Elizabeth, N. J.

Drums (Welded)

See Cylinders, Welded

4106— Drums (Winding)

See also Pneumatic Winding Drums
 American Clay Machinery Co., S Walnut, Bucyrus, O.
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
 American Road Machinery Co., Kennett Square, Pa.
 Bonnot Co., Canton, O.
 Caldwell H. W. & Son Co. (For Power Scrapers or Shovels), 17th & Western av, Chicago, Ill.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
 Potts C. & A. Co., Indianapolis, Ind.
 Steele J. C. & Sons, Statesville, N. C.

4106a— *Drumsticks

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Dry Colors

See Color Manufacturers

4107—Dry Docks (Steel, Floating)

American Bridge Co., 30 Church, New York

Bethlehem Steel Co., So. Bethlehem, Pa.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

4108—Dry Docks & Marine Railways

See also Shipbuilders

ALABAMA.

MOBILE—Ollinger & Bruce Dry Dock Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Shipbuilding & Dry Dock Co.
 OAKLAND—Hanson Dry Dock & Shipbuilding Co.
 SAN FRANCISCO—Hall Bros. Marine Railway & Shipbuilding Co. (Marine Railway), 312 California
 Moore & Scott Iron Works, 678 2d
 Pacific Shipyards & Ways Co., 24 California
 South San Francisco Dock Co.
 Union Iron Works Co., 20th & Michigan
 United Engineering Works, Clunie bldg

CONNECTICUT.

GILDERSLEEVE — Gildersleeve Ship Building Co.
 NEW HAVEN—Graves Geo. M. Petremont Boat Co.
 NEW LONDON—Davidson W. H. New London Marine & Iron Works
 NOANK—Palmer Robt. & Son Ship Bldg. & Marine Ry. Co.

DELAWARE.

WILMINGTON—Amer. Car & Foundry Co., ft E 8th
 Harlan & Hollingsworth Corporation, ft West
 Pusey & Jones Co. (Marine Railway), ft. Poplar

FLORIDA.

JACKSONVILLE—Merrill-Stevens Co.
 TAMPA—Tampa Steam Ways Co.

GEORGIA.

SAVANNAH—Kehoe Iron Works
 Rourke John & Sons

ILLINOIS.

CHICAGO—Chicago Ship Building Co. (Dry Docks), 101st & Calumet River

INDIANA.

JEFFERSONVILLE—Howard Ship Yards Co.

LOUISIANA.

SLIDELL—Slidell Dry Dock & Ship Building Co.

MAINE.

BOOTHBAY HARBOR—Townsend Marine Railway & Constr. Co.
PORTLAND—Portland Shipbuilding Co.
ROCKLAND—Snow I. L. & Co.

MARYLAND.

BALTIMORE—Baltimore Dry Dock & Ship Building Co., Locust Point
 Beacham J. S. & Bro., Covington, ft of Warren av
 Booz Bros., ft of Montgomery
 Cahill W. S. Co., ft of Webster
 Chesapeake Marine Railway Co., Philpot cor. Point
 Marine Engine & Boller Co., Philpot & Point
 Reeder Oliver & Son, Key Highway & Covington
 Spedden Ship Building Co., Boston & Kenwood
 Woodall Wm. E. & Co., ft of Woodall
SHARPSTOWN—Sharpstown Marine Railway Co.
SPARROWS POINT—Maryland Steel Co. (Dry Dock & Marine Railway)
WHITEHAVEN—Catlin W. J. & Bro.

MASSACHUSETTS.

BOSTON—Atlantic Works, 80 Border, E B
 Crandall Engineering Co., 102 Border, E B
 Ellis W H & Son Co., 479 Meridian
 Lawler Bros., 16 City sq, Chtn
 Lockwood Mfg. Co., (Marine Railway), 65 Sumner E B
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 Poekel T. Sch. & Co., Neponset
 Rendle W. S., 135 Prescott, E B
 Simpson's Dry Dock Co., E B
GLOUCESTER—Burnham Bros. (Railway)
 Rocky Neck Railway
MARBLEHEAD—*Frazier J. H. (Railway)

MICHIGAN.

BAY CITY—Davidson Jas. (Dry Docks Only)
CHARLEVOIX—Washburn O. S. & Son
DETROIT—American Boat Co. (Marine Railways)
 Detroit Shipbuilding Co. (Dry Docks)
 Dupuis A. J. Co., Ford bldg
 Griffin M. J., 169 Stanton av
HOUGHTON—Croze Jos.

NEW JERSEY.

BAYONNE—Higgins William
 Lankford Robt.
HOBOKEN—Tietjen & Lang Dry Dock Co.
JERSEY CITY—Brown Dry Dock Co., ft Morris
 Burt & Mitchell Co., ft Morris
 Grymes Engng. Co., Morris
 Hanley Wm. T., ft of Washington
 Vulcan Iron Wks, ft Morris
KEYPORT—Keyport Dry Dock Co.
PERTH AMBOY—Perth Amboy Dry Dock Co.
 Raritan Dry Dock Co.
WEEHAWKEN—Union Dry Dock & Repair Co.
 Weehawken Dry Dock Co.

NEW YORK.

BUFFALO—Buffalo Dry Dock Co.
 Riley's Dry Dock Co., ft Mechanic
GREENPORT—Greenport Basin & Const. Co.
KINGSTON—Hiltebrant Conrad Dry Dock Co.

NEW YORK CITY.**Borough of Brooklyn**

BROOKLYN—Atlantic Dock Co., 1 N Pier, Atlantic Bsn
 Crane's Theo. A. Sons Co., ft Columbia
 Downing & Lawrence, ft Court
 Erie Basin Dry Dock, ft of Beard & Long Dock
 Gokey Wm. J. & Co., Erie Basin
 Morse Dry Dock & Repair Co., ft 56th
 New York Dry Dock & Repair Co., Erie Basin
 Robins Dry Dock & Repair Co., Beard

Boroughs of Manhattan and Bronx.

NEW YORK—American Car & Foundry Co., 165 Broadway
 Hunters Point Dry Docks, 1 B'way
 McAllister Dry Dock & Shipyard Co., 24 State
 McWilliams Frank, 1 B'way
 Newport News Shipbuilding & Dry Dock Co., 233 B'way
 Robins Dry Dock & Repair Co., 15 Whitehall
 Shewan Jas. & Son, 8 Bridge
 Tregarthen Jas & Sons Co., ft 7th, E R

Borough of Richmond.

WEST NEW BRIGHTON—McAllister Dry Dock & Shipyard Co., Rich. ter

(End of New York City)

OGDENSBURG—St. Lawrence Marine Ry Co.

RYE—Milton Boat Works (Marine Rys)

NORTH CAROLINA.

WILMINGTON—Skinner Louis H.

OHIO.

CINCINNATI—Queen City Marine Railway Co., Eastern av & Waldon
CLEVELAND—American Shipbuilding Co.
ROCKY RIVER—Rocky River Dry Dock Co.
SANDUSKY—Lake Erie Dry Dock & Mill Co.
TOLEDO—Duncan Co.
 Gilmore Bros.
 Toledo Shipbuilding Co.

PENNSYLVANIA.

PHILADELPHIA—Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball
PITTSBURGH—Baird Machinery Co., 123 Water

RHODE ISLAND.

EAST GREENWICH—Nock F. S.
PROVIDENCE—Providence Dry Dock & Marine Railway Co., E Providence

SOUTH CAROLINA.

CHARLESTON—Riverside Iron Works

TEXAS.

GALVESTON—Galveston Wharf. Co.
 International Creosoting & Construction Co.

VIRGINIA.

NEWPORT NEWS—Newport News Ship Building & Dry Dock Co. (Dry Docks Only)
NORFOLK—Colonna Marine Railway Corp.
 Core W. T.
 Taylor Geo. T. Marine Railway Corp.
PORTSMOUTH—Portsmouth Marine Ry

WASHINGTON.

EVERETT—Everett Marine Ways, Inc.
SEATTLE—Ames Shipbuilding & Dry Dock Co.
 Elliott Bay Dry Dock Co.
 Puget Sound Bridge & Dredging Co.
 Seattle Construction & Dry Dock Co.
 Winslow Marine Railway & Ship Building Co.
WINSLOW—Hall Bros. Marine & Shipbuilding Co.
 Winslow Marine Railway & Ship Building Co.

WISCONSIN.

MANITOWOC—Manitowoc Shipbuilding Co. (Gravity & Floating Dry Docks)
MILWAUKEE—Milwaukee Dry Dock Co., 454 Canal
SUPERIOR—Superior Ship Building Co.

4108a—*Dryer & Calcining Apparatus

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

4109— Dryers (Argol)

Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.

Dryers (Asbestos Rock)

See Dryers, Cement & Asphalt

4109a—*Dryers (Atmospheric Drum)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4109b—*Dryers (Atmospheric Rotary)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4110— Dryers (Beet Pulp)

American Blower Co., 1400 Russell, Detroit, Mich.
 American Process Co., 68 William, New York
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Jackson & Church Co. ("Petty & Heckling"), Saginaw, Mich.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
 Manitowoc Engineering Works, Manitowoc, Wis.

4111— Dryers (Brick & Clay)

See also Kilns, Dry
 American Blower Co., 1400 Russell, Detroit, Mich.
 American Clay Machinery Co., S Walnut, Bucyrus, O.
 American Process Co. (Clay), 68 William, New York
 Atlas Dryer Co., Cleveland, O.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
 Boss John C. Co. ("Boss"), Elkhart, Ind.
 Chambers Bros. Co. (Brick), 52nd, bet Lancaster av, Phila., Pa.
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 International Clay Machinery Co., Dayton, Ohio

KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
 Lakewood Engineering Co. (Hot Air), Cleveland, O. *See adv index at end of book*
 McDermott Bros. Co., Allentown, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Manufacturers Equipment Co. ("Justice," Radiated Heat Dryer), Dayton, O.
 New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
 Phila. Textile Machinery Co. ("Proctor"), Tabor, Phila., Pa.
 Ruggles-Coles Engineering Co., 48 Church, New York
SCHAFER ENGINEERING & EQUIPMENT CO. (Clay, Continuous), Tiffin, O. *See adv index at end of book*
 Standard Dry Kiln Co., Indianapolis, Ind.

4111a—*Dryers (Cartridge)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

4112—Dryers (Cement & Asphalt)**ALLIS-CHALMERS MFG. CO.** (Cement & Ore), Milwaukee, Wis.
*See adv index at end of book***American Blower Co.**, 1400 Russell, Detroit, Mich.**American Process Co.** (Automatic), 68 William, New York**Atlas Dryer Co.**, Cleveland, O.**Atlas Engineering Co.** (Asphalt), Amherst, O. *See adv index at end of book***BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.*See adv index at end of book***BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.*See adv index at end of book***Clarage Fan Co.**, North & Porter, Kalamazoo, Mich.**Cummer F. D. & Son Co.**, The Arcade, Cleveland, O.**DOVER BOILER WORKS.** Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book***KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.*See adv index at end of book***McDermott Bros. Co.** (Asphalt), Allentown, Pa.**Manitowoc Engineering Works**, Manitowoc, Wis.**Nordyke & Marmon Co.**, 1290 Kentucky av, Indianapolis, Ind.**Ruggles-Coles Engineering Co.**, 48 Church, New York**Smith Theodore & Sons Co.**, ft Essex, Jersey City, N. J.**Sterritt-Thomas Foundry Co.**, 32d & Smallman, Pittsburgh, Pa.**Variety Iron & Steel Works Co.**, Cleveland, O.**Vulcan Iron Works**, Wilkes-Barre, Pa.**4113—Dryers (Centrifugal, Metal Parts)****American Tool & Machine Co.** ("Weston" for Drying Small Pieces that have been Coated, Japanned, Painted, Dipped, Plated or Washed), 10 High, Boston, Mass.**Astle H. J. & Co.** ("Boland"), 118 Orange, Providence, R. I.**Curtis Albert B.**, Worcester, Mass.**LINK-BELT CO.** ("Wendell" Centrifugal Coal Dryers), 39th & Stewart av, Chicago, Ill., Hunting Park av & P R Ry, Phila., Pa.*See adv index at end of book***Tolhurst Machine Works**, Troy, N. Y.**4114—Dryers (Chicory)****BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.*See adv index at end of book***Manitowoc Engineering Works**, Manitowoc, Wis.**4115—Dryers (Coal, Sand, Etc.)****American Process Co.**, 68 William, New York**ATLAS ENGINEERING CO.**, Amherst, O. *See adv index at end of book***BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.*See adv index at end of book***French Oil Mill Machinery Co.**, Piqua, O.**Fuller Engineering Co.** ("Matchams"), Allentown, Pa.**KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.*See adv index at end of book***LINK-BELT CO.** ("Wendell" Centrifugal Coal), 39th & Stewart av, Chicago, Ill., Hunting Park av & P R Ry, Phila., Pa. *See adv index at end of book***McDermott Bros. Co.**, Allentown, Pa.**MANITOWOC ENGINEERING WORKS**, Manitowoc, Wis.**Reeves Bros. Co.**, Alliance, O.**Ruggles-Coles Engineering Co.**, 48 Church, New York**Stearns-Roger Mfg. Co.**, Denver, Colo.**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book***4116—Dryers (Coffee)****Adt Jno. B. Co.**, 340 No Holliday, Baltimore, Md.**American Process Co.**, 68 William, New York**Blymyer Iron Works Co.**, Cincinnati, O.**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***Clarage Fan Co.**, North & Porter, Kalamazoo, Mich.**Devine J. P. Co.**, Buffalo, N. Y.**4117—Dryers (Cylinder)****American Process Co.**, 68 William, New York**Atlas Engineering Co.**, Amherst, O.*See adv index at end of book***BIGGS BOILER WORKS CO.**, Case av. & Williams, Akron, O.*See adv index at end of book***BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***Caldwell H. W. & Son Co.**, 17th & Western av, Chicago, Ill.**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry, Phila., Pa.*See adv index at end of book***Manitowoc Engineering Works**, Manitowoc, Wis.**4117a—*Dryers (Desk)****WHEELER CONDENSER & ENGINEERING CO.**, Carteret, N. J.*See adv index at end of book***4117b—*Dryers (Drum)****Buffalo Foundry & Machine Co.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***4118—*Dryers (Extract Chip)****Allis-Chalmers Mfg. Co.**, Milwaukee, Wis.*See adv index at end of book***Dryers (Feed)***See Dryers, Meal***4119—Dryers (Fertilizer, Glue, Etc.)****Adt Jno. B. Co.**, 340 No Holliday, Baltimore, Md.**American Blower Co.**, 1400 Russell, Detroit, Mich.**American Process Co.**, 68 William, New York**ANDERSON V. D. CO.** ("Anderson" 1 & 3 Cylinder), W 96th, Cleveland, O.*See adv index at end of book***Atlas Dryer Co.**, Cleveland, O.**Atlas Engineering Co.**, Amherst, O.*See adv index at end of book***Barney Ventilating Fan Works** (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.*See adv index at end of book***Black-Clawson Co.**, Hamilton, O.**Brecht Co.** ("Brecht"), 1201 Cass av, St. Louis, Mo.**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***Cambridge Iron Works** ("Campbell"), Cambridge, Mass.**Cummer F. D. & Son Co.**, The Arcade, Cleveland, O.**Devine J. P. Co.**, Buffalo, N. Y.**Hamler Boiler & Tank Co.**, 3906 S Halsted, Chicago, Ill.**Hammond Engineering Co.**, Warren, Pa.**KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.*See adv index at end of book***McDermott Bros. Co.**, Allentown, Pa.**Manitowoc Engineering Works**, Manitowoc, Wis.**Renneburg E. & Sons Co.**, 2639 Boston, Baltimore, Md.**Ruggles-Coles Engineering Co.**, 48 Church, New York**Schofield's J. S. Sons Co.**, Macon, Ga.**Sterritt-Thomas Foundry Co.**, 32d & Smallman, Pittsburgh, Pa.**Dryers (Fish Scrap)***See Dryers, Fertilizer***4120—*Dryers for Concentrates****BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.*See adv index at end of book***BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***4121—Dryers (Garbage)****American By-Product Machinery Co.**, 90 West, New York**American Process Co.**, 68 William, New York**ANDERSON V. D. CO.** ("Anderson," Also Tankage), W 96th, Cleveland, O.*See adv index at end of book***Atlas Dryer Co.**, Cleveland, O.**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.*See adv index at end of book***BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***Cummer F. D. & Son Co.**, The Arcade, Cleveland, O.**KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.*See adv index at end of book***Manitowoc Engineering Works**, Manitowoc, Wis.**Renneburg E. & Sons Co.**, 2639 Boston, Baltimore, Md.**Ruggles-Coles Engineering Co.**, 48 Church, New York**4122—Dryers (Grain & Malt)****Adt Jno. B. Co.**, 340 No Holliday, Baltimore, Md.**American Blower Co.**, 1412 Russell, Detroit, Mich.**American Process Co.**, 68 William, New York**Atlas Engineering Co.** (Grain Dryers), Amherst, O.*See adv index at end of book***Barnard & Leas Mfg. Co.**, Moline, Ill.**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.*See adv index at end of book***BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.*See adv index at end of book***BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***Clarage Fan Co.**, North & Porter, Kalamazoo, Mich.**Cresson-Morris Co.**, Allegheny & 18th, Phila., Pa.**Cummer F. D. & Son Co.**, The Arcade, Cleveland, O.**Devine J. P. Co.** (Grain), Buffalo, N. Y.**French Oil Mill Machinery Co.** (Grain Only), Piqua, O.**Galland-Henning Pneumatic Malting Drum Mfg. Co.**, Railway Exchange bldg, Milwaukee, Wis.**Hess Warming & Ventilating Co.** (Pneumatic System), 1211 S Western av, Chicago, Ill.**Howes S. Co.** (Grain, Corn & Wheat), Silver Creek, N. Y.**Invincible Grain Cleaner Co.** ("Invincible"), Silver Creek, N. Y.**Louisville Drying Machine Co.** (Distillers & Brewers Dryers), Louisville, Ky.**Manitowoc Engineering Works**, Manitowoc, Wis.**Morris Grain Dryers & Salvage Co.** ("Morris" Grain Driers, Coolers & Conditioners), Milwaukee, Wis.**National Blower Works** (Grains), Milwaukee, Wis.**Nordyke & Marmon Co.**, 1290 Ky. av, Indianapolis, Ind.**Remmers B. & Sons** (Also for Starch, Vegetables, Chemicals, etc), 1227 Germantown, Phila., Pa.**Renneburg E. & Sons Co.**, 2639 Boston, Baltimore, Md.**Ruggles-Coles Engineering Co.**, 48 Church, New York**STURTEVANT B. F. CO.** ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.*See adv index at end of book***Worrell S. E.**, Hannibal, Mo.**4123—Dryers (Hair, Process)***See also Hair Dryers, Electric***American Process Co.**, 68 William, New York

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

4124—Dryers (Hoof or Bone)

American Process Co., 68 William, New York
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Bigelow Co., New Haven, Conn.
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Cummer F. D. & Son Co., Cleveland, O.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
McDermott Bros. Co., Allentown, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Ruggles-Coles Engineering Co., 48 Church, New York

4125—Dryers (Jacketed Cylindrical)

American Process Co., 68 William, New York
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Devine J. P. Co., Buffalo, N. Y.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
 Manitowoc Engng. Works, Manitowoc, Wis.
 Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

4126—Dryers (Kaolin)

Manitowoc Engineering Works, Manitowoc, Wis.

4127—*Dryers (Laboratory)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4128—Dryers (Leaf Tobacco)

Adt Jno. B. Co. (For Manufactured Tobacco), 340 No Holliday, Baltimore, Md.
 American Blower Co., 1400 Russell, Detroit, Mich.
 American Welding Co., Carbondale, Pa.
 Comas Machine Co. ("Perfection"), Salem, Va.
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Philadelphia Textile Machinery Co., Tabor, Phila., Pa.

4129—Dryers (Leather Scrap)

American Process Co., 68 William, New York
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Bayley Mfg. Co., Milwaukee, Wis.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 McDermott Bros. Co., Allentown, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Ruggles-Coles Engineering Co., 48 Church, New York

4129a—*Dryers (Lumber)

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

Dryers (Malt)

See Dryers, Grain & Malt

4130—Dryers (Meal)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.
 American Blower Co., 1400 Russell, Detroit, Mich.
 American Process Co., 68 William, New York
BARTLETT C. O. & SNOW CO. (Meal & Feed), French st, Cleveland, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Decatur Fdry., Furnace & Mach. Co., Decatur, Ind.
 French Oil Mill Machinery Co., Piqua, O.
 Great Western Mfg. Co., Leavenworth, Kans.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Nordyke & Marmon Co. (Steam, etc), 1290 Kentucky av, Indianapolis, Ind.
 Remmers B. & Son, 1227 Germantown, Phila., Pa.
 Ruggles-Coles Engineering Co., 48 Church, New York
 Worrell S. E., Hannibal, Mo.

4131—*Dryers (Milk, Vacuum)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4132—Dryers (Mold)

American Blower Co., 1400 Russell, Detroit, Mich.
 Tilghman-Brooksbank Sand Blast Co. (Portable, for Foundry Use), 1126 S 11th, Phila., Pa.

4132a—*Dryers (Nitrate of Soda)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

4133—Dryers (Ore)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 American Process Co., 68 William, New York
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 Brainard Crusher Pulverizer Co., Old Colony bldg, Chicago, Ill.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 Denver Engineering Works Co., Denver, Colo.
 Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
 McDermott Bros. Co., Allentown, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Mine & Smelter Supply Co., 42 B'way, New York
 Ruggles-Coles Engineering Co., 48 Church, New York
 Sutton, Steel & Steel ("S S & S" for Dry Concentration), Dallas, Texas
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Worthington Pump & Machy. Corp. (Revolving, etc), 115 B'way, New York

4133a—*Dryers (Paper)

STURTEVANT B. F. CO. ("Sturtevant") For Paper Absorption on Machines, also Paper Coated, 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4134—Dryers (Paper Mill, Etc.)

See also Paper & Pulp Mill Machinery
 Black-Clawson Co. (Dbl. & 3 Deck, Rim, etc), Hamilton, Ohio
 Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

Dryers (Pebble)

See Sand & Gravel Heaters & Dryers

4134a—*Dryers (Reclaimed Plaster)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book

Dryers (Revolving)

See Dryers, Rotary & Revolving

4135—Dryers (Rock, Phosphate)

American Process Co., 68 William, New York
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Pittsburg Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
 Ruggles-Coles Engineering Co., 48 Church, New York
 Whiting Foundry Equipment Co., Harvey, Ill.

4136—Dryers (Rotary & Revolving)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 American Clay Machinery Co., S Walnut, Bucyrus, O.
 American Process Co. (Direct Head Blast), 68 William, New York
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO. (Rotary), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 Devine J. P. Co., Buffalo, N. Y.
 Hersey Mfg. Co., First South, Boston, Mass.
 Jackson & Church Co., Saginaw, Mich.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book
 McDermott Bros. Co., Allentown, Pa.
 Manitowoc Engng. Works, Manitowoc, Wis.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
 Rock Products Equipment Corp. (Rotary), 42 Church, New York
See adv index at end of book
 Ruggles-Coles Engineering Co., 48 Church, New York
 Variety Iron & Steel Works Co., Cleveland, Ohio
 Whiting Foundry Equipment Co., Harvey, Ill.
 Worrell S. E. ("Worrell's"), Hannibal, Mo.
 Worthington Pump & Machy. Corp., 115 B'way, New York

4137—*Dryers (Rubber)

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4138—Dryers (Salt)

American Blower Co., 1400 Russell, Detroit, Mich.
 American Process Co., 68 William, New York
 Atlas Dryer Co., Cleveland, O.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 McDermott Bros. Co., Allentown, Pa.
MANITOWOC ENGINEERING WORKS, Manitowoc, Wis.
 Ruggles-Coles Engineering Co., 48 Church, New York

Dryers (Sand)

See Sand & Gravel Heaters and Dryers; also Stoves, Sand Drying

4139— Dryers (Seed Corn)

Bain Bros. Mfg. Co. ("Peerless"), Cedar Rapids, Ia.
 Clarage Fan Co., North & Porter, Kalama-zoo, Mich.
 Clarke J. Q. Tank Co. ("Wizzard"), Crawfordsville, Ind.
 National Mfg. Co. ("Ideal"), Des Moines, Ia.

4139a— *Dryers (Shelf)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

Dryers (Slack Lime)

See Dryers, Cement & Asphalt

4140— Dryers (Soap)

American Blower Co., 1400 Russell, Detroit, Mich.
 American Process Co., 68 William, New York

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

Clarage Fan Co., North & Porter, Kalama-zoo, Mich.

Phila. Textile Machinery Co. ("Proctor"), Tabor, Phila., Pa.

STURTEVANT B. F. CO., (Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4140a—Dryers (Sodium-Benzol-Sulphonate)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

4141— Dryers (Starch)

Adt Jno. B. Co., 340 No Holliday, Baltimore, Md.

American Blower Co., 1400 Russell, Detroit, Mich.

Bayley Mfg. Co., Milwaukee, Wis.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

Clarage Fan Co., North & Porter, Kalama-zoo, Mich.

Devine J. P. Co., Buffalo, N. Y.

4142— Dryers (Steam)

BARTLETT C. O. & SNOW CO. (Direct and Indirect Heat), French st., Cleveland, O. *See adv index at end of book*

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

4142a— *Dryers (Steam Coil)

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

4143—*Dryers (Tanners' Extract Chip)

BARTLETT, C. O. & SNOW CO., French st., Cleveland, O.
See adv index at end of book

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

4144— *Dryers (Textile)

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.
See adv index at end of book

Dryers (Tobacco)

See Dryers, Leaf Tobacco

4145— Dryers (Vacuum)

See also Vacuum Drying & Impregnating Apparatus

American By-Product Machinery Co., 90 West, New York

ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.

See adv index at end of book

BUFFALO FOUNDRY & MACHINE CO.

(Vacuum Drum Dryers, Vacuum Rotary Dryers, Vacuum Shelf Dryers & Drying & Impregnating Apparatus), 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

Devine J. P. Co. ("Emil Passburg" System, Drying & Impregnating Apparatus), Buffalo, N. Y.

Hammond Engineering Co. (Rotary for Drying Sewage, Sludge, Garbage & Tankage from Slaughter Houses), Warren, Pa.

Hubbard's Norman Sons (Drying & Impregnating Apparatus), 265 Water, Brooklyn, N. Y.

Koven L. O. & Bro., 154 Ogden av., Jersey City, N. J.

Marshall Foundry Co., Pittsburgh, Pa.

Stokes F. J. Machine Co. (For Pharmaceutical Purposes), 17th & Cambria, Phila. Pa.

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

4145a—*Dryers (Vacuum Drum)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.

See adv index at end of book

4145b—*Dryers (Vacuum Rotary)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.

See adv index at end of book

4145c—*Dryers (Vacuum Shelf)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.

See adv index at end of book

4146— Dryers (Varnish)

American Blower Co., 1400 Russell, Detroit, Mich.

Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4147— Dryers (Veneer)

American Blower Co., 1400 Russell, Detroit, Mich.

Philadelphia Textile Machinery Co. ("Proctor," Apron Conveyor), Tabor, Phila., Pa.

4147a— Dryers (Vertical)

French Oil Mill Machinery Co., Piqua, O.

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York

See adv index at end of book

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

4148—*Dryers (Vertical Rotary)

Schaffer Engineering & Equipment Co., Tiffin, O.

See adv index at end of book

4149—Dryers (Waste Heating)

American Blower Co., 1400 Russell, Detroit, Mich.

American Clay Machinery Co., S Walnut, Bucyrus, O.

Clarage Fan Co., North & Porter, Kalama-zoo, Mich.

4150— Dryers (Wood Chip)

American Blower Co., 1400 Russell, Detroit, Mich.

American Process Co., 68 William, New York

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.

See adv index at end of book

Cummer F. D. & Son Co., The Arcade, Cleveland, O.

Manitowoc Engineering Works, Manitowoc, Wis.

Drying Rooms

See Clothes Dryers, Steam, Hot Water, Hot Air & Gas

4151— Duck (Oiled)

Landers Bros. Co., Toledo, O.

Zittlossen Mfg. Co., Park & Dolman, St. Louis, Mo.

4152— Dumb Bells & Quoits

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Essex Rubber Co. (Rubber Quoits), Trenton, N. J.

Estes E. B. & Sons (Dumb Bells), 358 5th av., New York

See adv index at end of book

Girard Iron Works, 22d & Master, Phila., Pa.

Grey Iron Casting Co. (Quoits Only), Mt. Joy, Pa.

Hellenberg J. B. Co. (Wood Dumb Bells Only), Coldwater, Mich.

Howell W. H. Co. (Dumb Bells Only), Geneva, Ill.

Indiana Foundry Co., Indiana, Pa.

Klump's Jno. G. Sons, 13 Baxter, New York

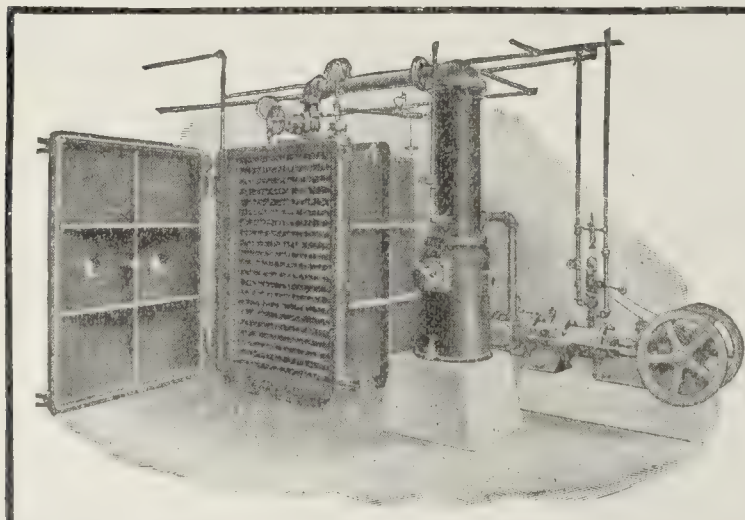
Kramer Bros. Foundry Co., Dayton, O.

Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.

Lodge Mfg. Co., South Pittsburg, Tenn.

Republic Mfg. Co., Milwaukee, Wis.

Saginaw Wood Products Co. (Dumb Bells), Gaylord, Mich.



"BUFLOVAK" VACUUM APPARATUS

'The Highest Attainment in Vacuum Dryer Construction'

Vacuum Shelf Dryers, for drying materials that can be handled in pans or trays.

Vacuum Rotary Dryers, for any material that permits being tumbled while drying.

Vacuum Drum Dryers, for drying any liquids containing solids.

Evaporators, Condensers, Dry Vacuum Pumps, Solvent Reclaiming Apparatus, Impregnating Apparatus. *Catalog on request*

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester Avenue, BUFFALO, N. Y.

Sommer Jno. Faucet Co. (Wooden Dumb Bells), 30 Morris, Newark, N. J.
 Spalding A. G. & Bros., 126 Nassau, New York
 Sperry D. R. & Co., North Aurora, Ill.
 Swett A. L. Iron Works, Medina, N. Y.
 Weller Hdw. & Foundry Co., Horseheads, N. Y.
 Williams A. C. Co., Ravenna, O.
 Wrightsville Hardware Co., Wrightsville, Pa.

4153—*Dumb Waiter Doors (Fire-proof)

DAHLSTROM METALLIC DOOR CO.
 (Hollow Metal), 35 Blackstone av,
 Jamestown, N. Y., & 299 B'way, New York
See adv index at end of book

4154—*Dumb Waiter Rope

See also Cordage & Twine Manufacturers
COLUMBIAN ROPE CO., 3050 Genesee,
 Auburn, N. Y.
See adv index at end of book

4155— Dumb Waiters

COLORADO.

DENVER—Nock & Garside Elevator Co.,
 (Electric), 1844 Wagee

CONNECTICUT.

NEW HAVEN—MacKenzie Geo. M.

ILLINOIS.

CHICAGO—Channon Jas. H. Mfg. Co.
 ("Little Dandy"), 227 W Erie
 MOLINE—Montgomery Elevator Co.

INDIANA.

EVANSVILLE—International Steel & Iron
 Co.
 Mesker Geo. L. & Co.

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co.,
 P O Box 154

KENTUCKY.

LOUISVILLE—Abell Elevator Co., 114 No.
 8th

MARYLAND.

BALTIMORE—Bates Elevator Co., 211
 President
 Fauntleroy Elevator Co., 8th nr Pratt
WARSAW ELEVATOR CO. (Steel),
 111 Mercer
See adv index at end of book

MASSACHUSETTS.

BOSTON—Beckwith Elevator Co., 123
 Pearl
 Brewer Elevator Co., 27 Bowker
 Kimball C. E. & Son, 178 High
 SALEM—Salem Elevator Works

MINNESOTA.

MINNEAPOLIS—Lagerquist, Gust, 516 N
 3rd
 ST. PAUL—Lee & Hoff Mfg. Co., 65 E
 Water

MISSOURI.

KANSAS CITY—Abell Elevator Co., 209
 Oak
 Kansas City Elevator Mfg. Co., 2601
 Madison
 ST. LOUIS—Geraghty Bros. Elevator Co.,
 418 So. Sixth
 Miller Wm. A. Elevator Mfg. Co., 9th
 & Victor

NEW JERSEY.

NEWARK—Ortner Jos. J., 481 Washington
 Storm Mfg. Co. ("New York Safety,"
 "Paragon," "Manhattan," "New-
 ark"), 50 Vesey

NEW YORK.

BUFFALO—**WARSAW ELEVATOR CO.**
 (Steel), Marine Bank bldg
See adv index at end of book

COHOES—Cohoes Iron Foundry & Ma-
 chine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bergquist B., 534 Union
 Rodgers R. M. Mfg. Co., 74 Emerson
 pl
 Seaberg Gustav, 407 Douglas

Boroughs of Manhattan and Bronx.

NEW YORK—Bergman Mfg. Co., 304 W
 127th
 Burdett-Rowntree Mfg. Co. (Auto-
 matic), 119 W 40th
 Burwak Elevator Co., 216 Fulton
 Chelsea Elevator Co., 332 W 26th
 Dowdall Chas. E., 152 W B'way
 Gordon Bros., 45 Grand
 Holland Thos. & Sons, 211 E 84th
 Larsen Anton & Son, Brook av, &
 134th
 Murtaugh Elevator Co. (Standard).
 535 W 33rd
 Nelson Alex. & Co., 103 W 96th
 Roberts Jas. H. Elevator Co., 430
 W B'way
WARSAW ELEVATOR CO. (Steel).
 216 Fulton
See adv index at end of book
 Williams W. & Co., 312 E 95th

(End of New York City)

POUGHKEEPSIE—Sedgwick Mach. Works
 (Automatic & Band Brake, Brass
 Tube, Simplex, etc)

ROCHESTER—Ricker Mfg. Co.
 SYRACUSE—Houser Elevator Co.
 WARSAW—**WARSAW ELEVATOR CO.**
 (Steel) *See adv index at end of book*

OHIO.

CINCINNATI—Reedy H. J. Co. (Push
 Button, Electric & Hand), 15 W 2d
WARNER ELEVATOR MFG. CO.
 Spring Grove av, Alfred & Valley
See adv index at end of book
 CLEVELAND—Edmonds Elevator Co.
 COLUMBUS—Ohio Elevator & Mach. Co.

PENNSYLVANIA.

PHILADELPHIA—Energy Elevator Co.
 ("Energy," "Little Beauty," "Lit-
 tle Giant," "Rapid Transit"), 214
 New
 Massa George (Brass Tube), 245 S 6th
 O'Neill Elevator Co., 628 Cherry
WARSAW ELEVATOR CO. (Steel).
 929 Chestnut
See adv index at end of book
 PITTSBURGH—Marshall Bros., S 21st
 READING—**SPEIDEL JOHN G.**
See adv index at end of book
 YORK—York Automatic Dumb Waiter
 Works (Automatic)

WASHINGTON.

SEATTLE—Washington Elevator Co.

WISCONSIN.

MILWAUKEE—Kieckhefer A. Elevator
 Co.

4156—Dumb Waiters (Electric)

Abell Elevator Co., 114 N 8th, Louisville,
 Ky.
 Elec. Dumbwaiter Co., 116 Morgan, Pitts-
 burg, Pa.
 Elevator Supplies Co. Inc., Hoboken, N. J.
 Energy Elevator Co., 214 New, Phila., Pa.
 Kansas City Elevator Mfg. Co., Kansas
 City, Mo.
 Kimball Bros. Co., P O Box 154, Council
 Bluffs, Ia.
 Lamson Co., 100 Boylston, Boston, Mass.
 Miller Wm. A. Elevator Mfg. Co. (Auto-
 matic & Push Button), 9th & Victor,
 St. Louis, Mo.
 Nock & Garside Elevator Co., 1844 Wazee,
 Denver, Colo.
OTIS ELEVATOR CO., 26th & 11th av,
 New York *See adv index at end of book*
 Pennsylvania Elevator Co., Hartje bldg.,
 Pittsburgh, Pa.
 Roberts Jas. H. Elevator Co., 430 W
 B'way, N. Y.

See A. B. Electric Elevator Co., 220 Broad-
 way, New York
 Speidel John G., Reading, Pa.
See adv index at end of book
 Storm Mfg. Co., 50 Vesey, Newark, N. J.
WARSAW ELEVATOR CO., Warsaw, N. Y.
See adv index at end of book

4157—Dumb Waiters (Pneumatic)

Curtis & Co. Mfg. Co., 1571 Kienlen av,
 St. Louis, Mo.
 Lamson Co., 100 Boylston, Boston, Mass.

4158—Dumb Waiters (Self-Sustain- ing)

Abell Elevator Co., 114 N 8th, Louisville,
 Ky.
 International Steel & Iron Co., Evansville,
 Ind.
 Kansas City Elevator Mfg. Co., Kansas
 City, Mo.
 Kimball Bros. Co., P O Box 154, Council
 Bluffs, Ia.
 Lamson Co., 100 Boylston, Boston, Mass.
 Miller Wm. A. Elevator Mfg. Co., 9th &
 Victor, St. Louis, Mo.
 Sedgwick Machine Works, Poughkeepsie,
 N. Y.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
 Storm Mfg. Co., 50 Vesey, Newark, N. J.
WARSAW ELEVATOR CO., Warsaw, N. Y.
See adv index at end of book

4159— Dumps (Ash)

Adams Co. (Fire Place), Dubuque, Ia.
 Chattanooga Roofing & Foundry Co.,
 Chattanooga, Tenn.
 Covert H. W. Co., 351 Lexington av, New
 York
 Jardine Walter S. & Sons Co. (Fireplace).
 85 Haverhill, Boston, Mass
 Majestic Co. ("Majestic"), Huntington,
 Ind.

4160—Dumps (Automatic, Cross- Over)

JEFFREY MFG. CO., 961 N Fourth,
 Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park av &
 P & R Ry, Phila., Pa.
See adv index at end of book
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
 Phillips Mine & Mill Supply Co. ("Phil-
 lips"), 2227 Jane, Pittsburgh, Pa.
 Sanford-Day Iron Works ("Bumpa"),
 Knoxville, Tenn.

4161— Dumps (Ice)

Columbus Iron Works, Columbus, Ga.
 Triumph Ice Machine Co., Oakley, Cin-
 cinnati, O.

4162— Dumps (Rotary Mine)

LINK-BELT CO., 39th & Stewart av, Chi-
 cago, Ill., & Hunting Park av & P &
 R Ry, Phila., Pa.
See adv index at end of book
 Ottumwa Box Car Loader Co., Ottumwa,
 Iowa

4163-4—*Dumps (Wagon)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park av & P
 & R Ry, Phila., Pa.
See adv index at end of book

4165— Duplicators

(For the Reproduction of Manuscripts,
 Plans, etc)
 American Duplicator Co., 3 Coenties sl,
 New York
 American Multigraph Sales Co. ("Flexo-
 type" Multigraph), Cleveland, O.
 Beck Duplicator Co. ("Eureka" & "Cham-
 pion"), 491 B'way, New York
 Daus Felix F. Duplicator Co. ("Tip-Top"),
 111 John, New York
 Dick A. B. Co. ("Edison Mimeograph,"
 "Planotype"), 736 W Jackson blvd,
 Chicago, Ill.
Duplicator Mfg. Co. (Commercial), 530 S
 Dearborn, Chicago, Ill.
 Durkin, Reeves & Co. ("Modern"), 507
 Schmidt bldg, Pittsburgh, Pa.

Evans Products Corp'n (All-Steel), 46 Murray, New York
General Manifold & Printing Co. ("Lewis" Biller), 727 S Dearborn, Chicago, Ill.
 Hektograph Mfg. & Dup. Co., 46 Murray, New York
Heyer T. A. Duplicator Co., 160 N 5th av, Chicago, Ill.
 Home & Export Duplicator Co., 89 Front, New York
Lineograph Co. ("Lineograph," Rotary or Flat), 112 Fulton, New York
 Lisenby Mfg. Co. (Multicolor Presses), Fresno, Cal.
 Neldich Process Co. ("Flexotype"), Burlington, N. J.
 Neostyle Co., 319 B'way, New York
 New Writerpress Co. ("Writerpress" Letter Duplicator & Office Printing Machine), Shelton, Conn.
Ped-O-Graph Co. (Typewriters), Gaff bldg, Chicago, Ill.
 Rotospeed Co., Dayton, O.

4167— Duralumin

American Duralumin Co., 11 Pine, New York

4167a— *Dust Arresters

Anyone troubled with dust will do well to submit same to us as we have two types of dust arrestors suitable for various work.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

4168—Dust Arresters For Foundries

Bicalky Fan Co., Buffalo, N. Y.
 Central Iron Works (For Arresting all Dust from Tumbling Mills, Emery & Polishing Wheels & Sand Blast Rooms), Quincy, Ill.
 Cleveland Nickel Works ("Glassford"), Cleveland, O.
 Illinois Mfg. & Supply Co., Quincy, Ill.
 Knickerbocker Co., Jackson, Mich.
 Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
 Sly W. W. Mfg. Co., 4723 Train av, Cleveland, O.
 U. S. Steel Tank & Pipe Co., 2090 Canalport av, Chicago, Ill.
 Whiting Foundry Equipment Co., Harvey, Ill.

4168a—*Dust Arresters (Metal Screen)

MACLEOD CO., 2227 Logan, Cincinnati, O.
See adv index at end of book

4168b— *Dust Blowing Sets

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4169— Dust (Bone)

Haffelgh & Co., Cambria & N American Phila., Pa.
 Nitrate Agencies Co. (Imp), 102 Pearl, New York

4170—Dust Collectors (Mechanical)

Allen Eli H. Co., 41 Beverly, Boston, Mass.
 Allington & Curtis Mfg. Co., Saginaw, Mich.
 Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
 Atlas Engineering Co., Amherst, Ohio
See adv index at end of book
 Banister A. W. Co. (Separators), 421 Dorchester av, S Boston, Mass.
 Bernard & Leas Mfg. Co. (Rotary Pneumatic), Moline, Ill.
 Bicalky Fan Co., Buffalo, N. Y.
 Buffalo Forge Co., Buffalo, N. Y.
 Carlisle & Gale Co., 81 Wareham, Boston, Mass.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Clark Automatic Dust Collecting Co. (For Sand Blasting Systems, Cement Plants, etc), Fisher bldg, Chicago, Ill.
 Clark T. F. & Co., Seattle, Wash.
 Cleveland Blow Pipe & Mfg. Co., 6302 Kinsman rd, Cleveland, O.
 Cyclone Blow Pipe Co. ("Cyclone"), 2552 W 21st, Chicago, Ill.
 Day Co. ("Day"), 38 S 12th, Minneapolis, Minn.

Dixie Mfg. Co. ("Cyclone"), Stockholm & Russell, Baltimore, Md.
 Empire Blower & Pipe Co., Rochester, N. Y.
 Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Goethel Alfred C. Co., The (Not inc), 301-303 4th, Milwaukee, Wis.
 Grand Rapids Blow Pipe & Dust Arrestor Co. ("Up-to-date"), Grand Rapids, Mich.
 Howes S. Co., Silver Creek, N. Y.
 Huntley Mfg. Co. ("Monitor" for Mill Dust), Silver Creek, N. Y.
 Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
 King F. E. Co., Norfolk, Va.
Kirk & Blum, York & Western avs, Cincinnati, O.
 Knickerbocker Co. ("Cyclone," "Morse" Rarified for Sand Blast, Tumbling Barrels, etc), Jackson, Mich.
 Lee Thos., 129 W 2d, Cincinnati, O.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Mannen John E. Co., 2247 St. Clair, Cleveland, O.

Miller J. K. Co. ("Western"), Seattle, Wash.
 National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
 No Dust Drying Machine Co. ("No Dust"), 157 Dorrance, Providence, R. I.
 Ohio Blower Co., 5125 Perkins av, Cleveland, O.
 Porbeck Dust Arrestor & Blow Pipe Co., 2017 N B'way, St. Louis, Mo.
 Prinz & Rau Mfg. Co. ("Perfection"), 659 E Water, Milwaukee, Wis.
 Richmond Mfg. Co. ("Niagara," for Corn, Grain, etc), Lockport, N. Y.
 Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
 South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.
 Sprout, Waldron & Co., Muncy, Pa.
 Sterling Blower Co., Hartford, Conn.
 Venderbush & Looman Co., Detroit, Mich.
 Western Blow Pipe & Sheet Metal Co. ("Improved Cyclone"), St. Louis, Mo.
 Wolf Co., Chambersburg, Pa.

4171—Dust Guards (Journal Box)

Franklin Mfg. Co. (Asbestos), Franklin, Pa.
 Gould Coupler Co., 30 E 42d, New York
 Harrison Dust Guard Co., Toledo, O.
 McCord & Co., 122 S Michigan av, Chicago, Ill.
 Symington T. H. Co. ("Symington"), Rochester, N. Y.
 Western Railway Equipment Co. ("Security"), Central National Bank bldg, St. Louis, Mo.

4172— Duster Mfrs.

See also Cloths, Dustless Dust
 American Feather Duster Co. (Ostrich Feather), 117 Mercer, New York
 Boston Feather Duster Co. (Feather), 74 Pearl, Boston, Mass.
 Burton A. & E. & Co. (Painters, Counters, Furniture, Factory, Foundry, etc), Turkey Feather, Ostrich Feather, etc, 73 Pearl, Boston, Mass.
 Chicago Feather Duster Co. ("Chicago" Feather), 816 Fulton, Chicago, Ill.
 Dearborn Duster Co. (Feather, Woven Down & Wool), 550 W Harrison, Chicago, Ill.
 Diamond Broom Co. (Feather, Hair Wire, etc), 114 Warren, New York
 Dunlap Mfg. Co. ("Oil of Gladness" for Furniture, etc), Bloomington, Ill.
 Empire Feather Duster Co. (Ostrich Feather), 203 Centre, New York
 Friedlander Paul N., 337 Broadway, New York
 Hays Duster Co. (Feather), 5 W 4th, New York
 Hoag Duster Co. ("Hoag," "Iowa" Hand Split Feather), Monticello, Iowa
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Homer Bros. & Muir Co. (Antiseptic), 66 Pearl, Boston, Mass.
HOWARD DUSTLESS DUSTER CO. ("Howard" Dustless Dust Cloths, Dust Mops & Handle Dusters), 263 Franklin, Boston, Mass.
 Hunter Brush Mfg. Co. (Family, etc), Blanchester, Ohio
 Levy S. ("Bell," "La France," "London" Feather), 618 New Market, Phila., Pa.
 Lewis Samuel ("Lewis," Feather), 73 Barclay, New York

McCleverty James (Turkey & Ostrich Feather, etc), 148 Wildey, Phila., Pa.
 Milton Chemical Co. ("B. B." Utility), 156 Sixth, Cambridge, Mass.
 National Brush Co., Aurora, Ill.
 National Duster Co. Ltd. (Turkey & Ostrich Feathers, etc), 736 S 2d, Phila., Pa.
 New Jersey Brush Co. (Furniture, Painters, etc), Bloomfield, N. J.
 N. Y. Feather Duster Co. (Feather), 649 B'way, New York
 Ohio Duster Co. ("Elie"), Cleveland, O.
 Osborn Mfg. Co. (Wire, Fibre, Bristle, etc), 5405 E Hamilton, Cleveland, O.
 Pioneer Mfg. Co. ("Shine" Dust Absorbing), Cleveland, O.
 Rubberset Co. ("Rubberset," Camels Hair Photographers, etc), 56 Ferry, Newark, N. J.
 Tate E. A. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.
 Wax Brush Co. ("Bwaxo"), 56 Sanford, Boston, Mass.

4173— Dusters (Bran)

Barnard & Leas Mfg. Co. ("Barnard-Moline"), Moline, Ill.
 Nordyke & Marmon Co., 1290 Ky av, Indianapolis, Ind.
 Richmond Mfg. Co. ("Niagara," "Empire"), Lockport, N. Y.
 Wolf Co., Chambersburg, Pa.

Dusters (Dustless)

See Cloths, Dustless Dust

4174— Dusters (Insecticide)

Leggett & Bro. ("Jumbo" "Orchard," "Beetle" Potato, "Champion," "Little Giant"), 301 Pearl, New York
 McWhorter Mfg. Co. (Paris Green), Riverton, N. J.

4175— Dusters (Mitten)

Pioneer Mfg. Co. ("Shino"), Cleveland, O.

4176— Dusters (Painters')

Carroll Bros. & Co., 415 W Baltimore, Baltimore, Md.
 Hanlon & Goodman Co., 270 Pearl, New York
 Whiting J. L.-Adams J. J. Co., 690 Harrison av, Boston, Mass.

4177— Dusters (Paper Mill)

Holyoke Machine Co., Holyoke, Mass.
 Noble & Wood Machine Co. (Fan, Pin & R R), Hoosick Falls, N. Y.
 Norwood Engineering Co. (R R & Fan), Florence, Mass.

4177a— *Dye Stuffs

See also Aniline Colors, Dyes & Dyestuffs
DU PONT E. I. DE NEMOURS & CO., Wilmington, Del.
For branch offices see adv index at end of book

4178— Dynamite Mfrs.

AETNA EXPLOSIVE CO. INC., 120 Broadway, New York
 American Dynamite Co. ("Dynalite"), Amherst, O.
ATLAS POWDER CO., 10th & Market, Wilmington, Del.
 Burton Powder Co. ("Good Luck" Permissible Explosives, "Min-Ite," "Fuel-Ite"), Pittsburgh, Pa.
 Cameron Powder Mfg. Co., Emporium, Pa.
 Dittmar Powder Works, 102 W 130th, New York
DU PONT E. I. DE NEMOURS & CO., (World's Largest Mfr. of Explosives, Powder & Blasting Supplies for every requirement, Straight Dynamite, Extra Dynamite, Gelatin, Low Freezing Straight Dynamite, Low Freezing Gelatin, Gelignite (for export only), Blasting Gelatin, Low Freezing Extra Dynamite, Low Powder, Permissible Coal Mine Explosives, Salt Mining Explosives, Quarry Powder, Farm Powder, Stumping Powder; Brands:—"Du Pont," "Red Cross," "Forcite," "Red Star" (for export only), "Red Arrow" (for export only), "Repauno," "Arctic," "Monobel," "Carbonite.")
(See also Blasting Powder, Blasting Supplies & Gunpowder), Wilmington, Del.

For branch offices see adv index at end of book

HERCULES



HERCULES POWDER CO.

Manufacturers of

EXPLOSIVES FOR ALL KINDS OF WORK

Coal and Ore Mining

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St. Louis, Mo.
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Sabsidiary Hercules Powder Sales Co.

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Hazleton, Pa.
Memphis, Tenn.
Knoxville, Tenn.

Joplin, Mo.
Pittsburgh, Pa.

Chicago, Ill.
San Francisco, Cal.

HERCULES



Excelsior Powder Mfg. Co., Kansas City, Mo.

Hall's Ellis Sons Co., Knox, Pa.

HERCULES POWDER CO. ("Hercules," "Hercules Gelatin Dynamite," "Hercules Blasting Gelatin," "Hercules Permissible Powders," "XPDITE" & "Red H," "Hercules L F," Explosives: "Hercules Extra," "Hercules Extra L F," "Hercules Gelatin L F," "Hercules" Farm Dynamite), Wilmington, Del.

See adv index at end of book

Jefferson Powder Co., Birmingham, Ala.
King Powder Co., 1st Nat'l Bank bldg, Cincinnati, O.

McAbee G. R. Powder & Oil Co., 2nd Nat'l Bank bldg, Pittsburg, Pa.

Nitro Powder Co., Kingston, N. Y.

Rockdale Powder Co., York, Pa.

West Penn Powder Co., 2nd Nat'l Bank bldg, Pittsburgh, Pa.

4179—Dynamo & Motor Mfrs.

(For Light & Power)

See also Dynamos, Electro Plating; also Generators, Various Kinds; also Motors, Various Kinds

CALIFORNIA.

LOS ANGELES—U. S. Electric Mfg. Co.

SAN FRANCISCO—Union Iron Works Co., 20th & Michigan

ILLINOIS.

CHICAGO—Bodine Electric Co. (D. C. 1-20 to ½ H. P.), 564 W Randolph

Fairbanks Morse & Co. (Direct & Alternating), 900 S. Wabash av

GENERAL ELECTRIC CO. (Direct & Alternating), Monadnock blk

See adv index at end of book

Globe Electric Co. (Alternating), 6340 Stony Island av

Guarantee Electric Co., 430 S Green

Kimble Electric Co. ("Kimble" Induction & Variable Speed Motors), 634 Northwestern av

Morgan-Gardner Electric Co. (Direct Current), 27th & Shields av

National Stamping & Electric Works (Direct Current), 424 S Clinton

Peerless Electric Co. (Direct Current), 550 W Harrison

Roth Bros. & Co. (Direct Current Vertical Shaft Motors), 1400 W Adams

Victor Electric Co. (Direct Current, Small), Jackson blvd & Robey

INDIANA.

ANDERSON—Arvac Mfg. Co.

FORT WAYNE—General Electric Co.

See adv index at end of book

TERRE HAUTE—Kester Electric Co. (D. C.)

KENTUCKY.

LOUISVILLE—Clark Jas. Jr., Electric Co. ("Willey," Direct Current)

OWENSBORO—Kentucky Electrical Co., (Direct Current)

MAINE.

PORTLAND—Maine Electric Co.

MARYLAND.

BALTIMORE—Voltamp Electric Mfg. Co. (Miniature), 407 N Paca

MASSACHUSETTS.

BOSTON—**STURTEVANT B. F. CO.** ("Sturtevant" Direct Current), 15 Damon Hyde Park

See adv index at end of book

BROOKLINE—Holtzer-Cabot Electric Co. (Direct & Alternating Current)

LYNN—**GENERAL ELECTRIC CO.** (Direct & Alternating)

PITTSFIELD—General Electric Co.

See adv index at end of book

MICHIGAN.

DETROIT—Fisher Electrical Works (D. C.)

Fuller Co. (Direct Current)

ST. JOSEPH—Engberg Electric & Mechanical Works

MINNESOTA.

MINNEAPOLIS—Electric Machinery Co. (Direct & Alternating), 14th av & N E Tyler

ST. PAUL—Olson-Boettger Electric Mfg. Co. (Direct Current, Small), 202 W 3rd

MISSOURI.

JEFFERSON CITY—Star Dynamo Co. (Direct Current)

ST. LOUIS—Advance Electric Co. (Alternating), 20 N Commercial

Century Electric Co., 19th & Pine

Emerson Electric Mfg. Co., 2024 Washington av

Wagner Electric Mfg. Co. (Alternating Current) 6400 Plymouth av

NEW HAMPSHIRE.

CONCORD—Cushman Elec. Co. (Direct Current)

LEBANON—Kendrick-Davis Co. (Battery, etc)

NEW JERSEY.

AMPERE—Crocker, Wheeler Co. (Direct & Alternating)

BELLEVILLE—**ECK DYNAMO & MOTOR CO.** ("High Grade" Direct Current Dynamos & Motors & Alternating Current Dynamos

See adv index at end of book

ELIZABETH—Diehl Mfg. Co. (Direct Current 1/50 to 500)

GARWOOD—Bell Electric Motor Co. (A C & D C)

C. & C. Electric & Mfg. Co. ("C & C")

HARRISON—Edison Lamp Works of General Electric Co.

IRVINGTON—Conn. Dynamo & Motor Co.

NEWARK—Star Fan & Motor Works, 245 N. J. R. R. av

ROSELLE PARK—Shedd Electric Co. (Direct Current, Small)

NEW YORK.

BINGHAMTON—Stow Mfg. Co.

See adv index at end of book

BUFFALO—McCarthy Bros. & Ford (D. C)

MEDINA—Swett A. L. Iron Works (Direct Current, Small)

NEW YORK CITY.

NEW YORK—Bogue Chas. J. Electric Co. (Direct Current), 513 W 29th

Dilg Mfg. & Trading Co. (Direct Current), 401 E 163d

Green W. Electric Co. (Direct Current, Small Motors), 81 Nassau

Lanigan & Rosemont Elec. Co. (Direct Current, Small Motors), 6 W 3d

Rateau, Battu, Smoot Co., 90 West

Sprague Electric Works ("Lundell" Direct Current), 527 W 34th

Western Electric Co., 463 West

(End of New York City)

ROCHESTER—Rochester Motors Co. (D C)

SCHENECTADY—**GENERAL ELECTRIC CO.** (Direct & Alternating)

See adv index at end of book

TROY—Troy Electrical Co.

WATERTOWN—Eager Electric Co. (Motor Generator Sets)

OHIO.

AKRON—Imperial Electric Co. (Direct Current)

CINCINNATI—Carlisle & Finch Co., 229 E Clifton av

JANTZ & LEIST ELEC. CO. (Multipolar D C)

See adv index at end of book

TRIUMPH ELECTRIC CO. (Direct & Alternating Current), Oakley

See adv index at end of book

CLEVELAND—Browning Co. (Direct Current)

Cleveland Armature Works (Direct Current), 4736 St. Clair av

See adv index at end of book

Lincoln Electric Co. (D C & A C)

Ohio Electric Works (D C)

RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd

See adv index at end of book

DAYTON—Dayton Electrical Mfg. Co. ("Dayton" up to ½ H P)

Dayton Fan & Motor Co.

LEIPSIC—Temco Electric Motor Co. ("Temco")

MANSFIELD—Ideal Electric & Mfg. Co. (Direct & Alternating Current, Open & Enclosed)

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Westinghouse Prime Movers and Auxiliaries

Steam Engines, Gas Engines, Steam Turbines, Surface and Jet Condensers, Mechanical Stokers, Feed-Water Pumps, Centrifugal Pumps, Gas Producers, Etc.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.



SPRINGFIELD—Robbins & Myers Co.
(Direct & Alternating Current),
1400 Lagonda av
WARREN—Peerless Electric Co. ("Peer-
less" Direct Current)

PENNSYLVANIA.

EAST PITTSBURGH—**WESTINGHOUSE
ELECTRIC & MFG. CO.**
See adv index at end of book
ERIE—Burke Electric Co. (Direct & Al-
ternating)
General Electric Co.
See adv index at end of book
LANCASTER—Fidelity Electric Co. (A. C.
& D. C.)
PHILADELPHIA—Dienelt & Eisenhardt,
1304 N Howard
Kinetic Electric Co. (Direct Current),
S Schnell
PITTSBURGH—Pittsburgh Electrical &
Machine Works, Barker pl
RIDGWAY—Ridgway Dynamo & Engine
Co. (Direct Current)

VIRGINIA.

RICHMOND—Richmond Electric Works
(A. C.)

WASHINGTON.

SEATTLE—N. & S. Foundry Co.

WISCONSIN.

LA CROSSE—Benton Electric Co. (D. C.)
MILWAUKEE—**ALLIS-CHALMERS MFG.
CO.** (Direct & Alternating)
See adv index at end of book
Andrae Julius & Sons Co. (Small), 362
Broadway
Holt Electric Co. (Direct Current),
379 S Pierce
Mechanical Appliance Co. (Direct &
Alternating Current)
Northwestern Mfg. Co. (D. C. to 75
H.P.), 482 Clinton

4180—Dynamometers

Burr Co. (Railway), Champaign, Ill.
Diehl Mfg. Co., Elizabeth, N. J.
Du Vivier Ernest H. (Dial & Recording),
30 Church, New York
Foote, Pierson & Co., 160 Duane, New
York
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*
Hartford Special Machinery Co. (Rubber
Testing), Hartford, Conn.
Leeds & Northrup Co. (Electric), Stenton
av, Gtn, Phila., Pa.
Olsen Tinius Testing Machine Co. (Trac-
tion & Power Transmission), 500 N
12th, Phila., Pa.
Pearce Fred'k Co., 20 Rose, New York
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Roller-Smith Co. ("Roller-Smith" Elec-
tric), 233 B'way, New York
SCHAEFFER & BUDENBERG MFG. CO.
("Gidding's" Recording Traction
Power & "S. & B." Indicating Trac-
tion Power), Berry & S 5th, Brooklyn,
N. Y. *See adv index at end of book*
Sprague Electric Works (Round Type),
527 W 34th, New York

Tracy Joseph (Fan), 1786 B'way, New
York
Weston Electrical Instrument Co., Waver-
ly Park, Newark, N. J.

4181—Dynamometers (Electro Plating)

Bell Electric Motor Co., Garwood, N. J.
Bishop W. S., New Haven, Conn.
Bogue Chas. J. Electric Co., 513 W 29th,
New York
Boissier Electric Co., 205 W 19th, New
York
Burns E. Reed, 27 Jackson, Brooklyn,
N. Y.
Clark Jas. Jr. Elec. Co., Louisville, Ky.
Connecticut Dynamo & Motor Co., Irving-
ton, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Eager Electric Co., Watertown, N. Y.
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*
Gray & Co., 120 W 3rd, Cincinnati, O.
Hanson & Van Winkle Co., 269 Oliver,
Newark, N. J.
Holtzer-Cabot Electric Co., Brookline,
Mass.
Hough W. S. Jr. Co., 61 Peck, Providence,
R. I.
Ideal Electric & Mfg. Co., Mansfield, O.
JANTZ & LEIST ELECTRIC CO., Cincin-
nati, O.
See adv index at end of book
Kendrick-Davis Co. ("K.-D."), Lebanon,
N. H.
L'Hommedieu Chas. F. & Sons Co., 24 S
Clinton, Chicago, Ill.
Munning-Loeb Co. ("Optimus"), Mata-
wan, N. J.
Pan Electric Mfg. Co., 735 S 4th, St.
Louis, Mo.
Rochester Motors Co., Rochester, N. Y.
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book

Dynamometers (Plating)

See Dynamometers, Electro-Plating

4182—*Dynamometers (Turbine)

DE LAVAL STEAM TURBINE CO. (D. C.
& A. C.), East Trenton, N. J.
See adv index at end of book
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book

4183—Dynamometers

Bell Electric Motor Co., Garwood, N. J.
Butler-Edwards Electric Co., Easton, Pa.
C. & C. Electric Mfg. Co., Garwood, N. J.
Connecticut Dynamo & Motor Co., Irving-
ton, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co., Elizabeth, N. J.
ECK DYNAMO & MOTOR CO., Belle-
ville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*
Robbins & Myers Co., 1400 Lagonda av,
Springfield, O.
Roth Bros. & Co. (Ringling), 1400 W
Adams, Chicago, Ill.

Sprague Electric Works (Round Type),
527 W 34th, New York
Wagner Electric Mfg. Co., 6400 Plymouth
av, St. Louis, Mo.

Earphones

See Audiphones

4184—Ears (Trolley)

Creaghead Engineering Co., Cincinnati, O.
Drew Electric & Mfg. Co., Indianapolis,
Ind.
Edna Brass Mfg. Co., Cincinnati, O.
Eureka Co., North East, Pa.

Earth (Bleaching)

See Fullers Earth

4185—Earth (Infusorial)

Atlas Mineral Products Co., Lincoln, N. J.
Behrend F. (Imp), 54 Front, New York
Chrystal Charles B. (Imp) (Kieselguhr,
Fossil Flour), 13 Cliff, New York
See adv index at end of book
Daniels Willard B. (Imp), 252 Front, New
York
Doggett Stanley, 11 Cliff, New York
Dunn & Kruse (Imp), 63 Park Row, New
York
Fuerst Bros. & Co., 2 Stone, New York
Hammill & Gillespie (Imp), 240 Front,
New York
Kieselguhr Co. of America, Los Angeles,
Cal.
National Sales Co. (Imp), 31 E 13th, Cin-
cinnati, O.
New England Quartz Co. of N. Y., 107
William, New York
Oxford Tripoli Co., 11 B'way, New York
Salomon L. A. & Bro. (Imp), 216 Pear,
New York
Scheel Wm. H. (Imp), 159 Maiden la, New
York
Whittaker W. H. Co. (Imp), 250 Front,
New York

4186—Earth (Tripolite)

Scheel Wm. H. (Imp), 159 Maiden la, New
York

Earthenware

*See Potteries; China Ware; Plumbers'
Sanitary Earthenware, etc*

4187—Easels (Brass)

Newman Mfg. Co., 717 Sycamore, Cincin-
nati, O., 68 W Washington, Chicago,
Ill. *See adv index at end of book*

4188—Easels (Paper)

Springman Paper Products Co, Detroit,
Mich.

4189—*Easels (Plate & Picture, Etc.)

ESTES E. B. & SONS, 358 5th av, New
York. *See adv index at end of book*

4190—Easels (Wire)

Andrews Wire & Iron Works (Wire Plate, Photograph, etc), Rockford, Ill.
 Cassidy Fairbank Mfg. Co. ("Andersons" Adjustable Display), 6126 S La Salle, Chicago, Ill.
 Grammes L. F. & Sons, Allentown, Pa.
 Hutchins-Kilbourne Co. (Wire), Buffalo, N. Y.
 Woods-Sherwood Co. (Wire), Worcester, Mass.

Eave-Trough Mfrs.

See Conductor Pipe & Eave-Trough Manufacturers

4191—Economizers (Air)

Sterling Equipment Co. ("Sterling," Re-heated Compressed Air), 139 N Clark, Chicago, Ill.

4192—Edgers (Double)

American Woodworking Machinery Co., Rochester, N. Y.
 Chase Turbine Mfg. Co. (Power Feed with Movable Saw), Orange, Mass.
 Filer & Stowell Co., Milwaukee, Wis.
 Lane Mfg. Co. Montpelier Vt.
 Murray D. J. Mfg. Co., Wausau, Wis.
 Union Iron Works, Bangor, Me.
 Yates P B Machine Co., Beloit, Wis

4193—Edgers (Gang Saw)

Adams W. T. Machine Co., Corinth, Miss.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 American Saw Mill Machinery Co. ("American" & "Junior"), Hacketts-town, N. J.
 American Woodworking Machinery Co., Rochester, N. Y.
 Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
 Butterworth & Lowe, Grand Rapids, Mich.
 California Saw Works, 721 Brannan, San Francisco, Cal.
 Clark Bros. Co., Olean, N. Y.
 Curtis & Co. Mfg. Co. ("Dixie," etc), 1571 Kienlen av, St. Louis, Mo.
 De Loach Mill Mfg. Co., Bridgeport, Ala.
 Diamond Iron Works ("Diamond & Armstrong"), 2nd & 18th av N, Minneapolis Minn.
 Enterprise Co., Columbiana, O.
 Fay J. A. & Egan Co., Cincinnati, O.
 Filer & Stowell Co., Milwaukee, Wis.
 Garland M. Co., Bay City, Mich.
 Gibbes Machinery Co., Columbia, S. C.
 Gordon Hollow Blast Grate Co. ("The Tower"), Greenville, Mich.
 Henderson W. K. Iron Works & Supply Co., Shreveport, La.
 Holmes E. & B. Machinery Co., Buffalo, N. Y.
 Howell R. R. & Co., 31st av, Minneapolis, Minn.
 Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Huntsville, Ala.
 Kline Lewis T., Alpena, Mich.
 Knight Mfg. Co., Canton, O.
 Lane Mfg. Co., Montpelier, Vt.
 Memphis Machine Works, Memphis, Tenn.
 Moltz Jacob J., Williamsport, Pa.
 Murray D. J. Mfg. Co., Wausau, Wis.
 Newman Machine Co., Greensboro, N. C.
 Phoenix Mfg. Co., Eau Claire, Wis.
 Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
 Southern Engine & Boiler Works, Jackson, Tenn.
 Standard Saw Mill Machinery Co., Erie, Pa.
 Star Machinery Co., 1731 1st av S, Seattle, Wash.
 Stearns Co., Erie, Pa.
 Stelman L. H. & Son, Brattleboro, Vt.
 Union Iron Works, Bangor, Me.
 United States Machine Co. (Shingle, etc), Williamsport, Pa.
 Wheland Co., Chattanooga, Tenn.
 Wickes Bros., Saginaw, Mich.
See adv index at end of book
 Yates P. B. Machine Co., Beloit, Wis.

Edgers (Lumber)

See Edgers, Gang Saw

4194—Edgers (Roofing)

Burritt O. W. & Bro. ("W. C. Bell"), Weedsport, N. Y.

Danzer Metal Works ("Danzer's Lighting," Hand & Foot Power), Hagers-town, Md.

4195—Edgers (Turf)

American Fork & Hoe Co., Cleveland, O.
 Cronk & Carrier Mfg. Co., Elmira, N. Y.
 Kohler F. E. Co., Canton, O.
 Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.
 Potter Mfg. Co., Geneva, O.
 Standard Auger Co. ("Finch"), 57 W 34th, Chicago, Ill.
 Union Fork & Hoe Co. (Solid Steel Bronze Finish), Columbus, O.

4196—Eductors (Jet Water & Sand Lifting)

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

Eggs (Darning)

See Balls, Darning

4197—Eggs (Nest)

AMERICAN CRAYON CO. (Hygieia & Lime), 1300 Hayes av, Sandusky, O., & Waltham, Mass.
See adv index at end of book
 Point Marion Glass Novelty Co., Point Marion, Pa.
 White Tar Co. ("Naphtholine"), 4 Cliff, New York

4198—Ejectors (Ash, Hydraulic)

Davidson M. T. Co. ("Davidson"), 43 Keap, Brooklyn, N. Y.
 Marine Mfg. & Supply Co., 158 South, New York

4199—Ejectors (Bronze Bleach)

Perkins B. F. & Son, Holyoke, Mass.

Ejectors, Jet Pumps or Syphons

See Injectors & Ejectors, Boiler

Ejectors (Sewage, Automatic)

See Sewage Ejectors

4200—Ejectors (Steam, Acid Proof)

Duriron Castings Co. ("Duriron"), 90 West, New York

Elaterite

See Hydro Carbons

4201—Elbows (Boiler)

Blake Specialty Co. (With Union), Rock Island, Ill.
 Grabler Mfg. Co. (With Union), Cleveland, O.

4202—Elbows (Brass)

Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.
 Buckeye Iron & Brass Works (Finished), Dayton, O.
 Columbus Brass Works, 538 Dublin av, ("Columbus"), Columbus, O.
See adv index at end of book
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Dearborn Brass Co., Cedar Rapids, Ia.
 Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
 Detroit Sanitary Supply Co. ("Clean Sweep"), 1191 Second, Detroit, Mich.
 Exeter Brass Works, Exeter, N. H.
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
 Haines, Jones & Carbury Co., 1136 Ridge av., Phila., Pa.
 Haydenville Co., Haydenville, Mass.
 Jarecki Mfg. Co., Erie, Pa.
 Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 Lavigne Mfg. Co. (Compression), Detroit, Mich.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McCambridge Co., 20th & Wood, Phila., Pa.

McNab & Harlin Mfg. Co., 55 John, New York

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.

See adv index at end of book

National Tube Co., Frick bldg, Pittsburgh, Pa.

See adv index at end of book

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

Perkes Chas. (Est. of), 627 Arch, Philadelphia, Pa.

Powell Wm. Co., Cincinnati, O.

Rome Mfg. Co., Rome, N. Y.

Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.

Sanitary Co. of Amer., Linfield, Pa.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

Walworth Mfg. Co., Boston, Mass.

Whitlock Coil Pipe Co., Hartford, Conn.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Wolverine Brass Works, Grand Rapids, Mich.

Woodward-Wanger Co., 1106 Spring Garden, Philadelphia, Pa

4203—Elbows (Cast or Malleable)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

Central Foundry Co. (Cast), 90 West, New York

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.

Illinois Malleable Iron Co., 1801 Diversey Blvd, Chicago, Ill.

See adv index at end of book

Jarecki Mfg. Co., Erie, Pa.

Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

McWane Pipe Works, Lynchburg, Va.

Malleable Iron Fittings Co. ("M. I. F. Co." Malleable), Branford, Conn.

Messinger Mfg. Co., Tatamy, Pa.

Millar Chas. & Sons Co., Utica, N. Y.

National Tube Co. (Iron & Brass), Frick bldg, Pittsburgh, Pa.

See adv index at end of book

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

United States Radiator Corp., Dunkirk, N. Y.

Walworth Mfg. Co., Boston, Mass.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

4204—Elbows (Closet)

American Pin Co. ("Ampinco"), Waterbury, Conn.

American Sanitary Mfg. Co. ("American"), Abington, Ill.

Becker Mfg. Co., Marietta, O.

Columbus Brass Co., 538 Dublin av, Columbus, O.

See adv index at end of book

Compound Injector & Specialty Co. ("Dehn's" "Acme"), 419 N Laramie av, Chicago, Ill.

Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.

Federal-Huber Co., 234 N Halsted, Chicago, Ill.

Fleck Bros. Co., 44 N 5th, Phila., Pa.

Franklin Pipe & Foundry Co., 2438 S Paulina, Chicago, Ill.

Frost Mfg. Co., Kenosha, Wis.

Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.

Ideal Supply Co., Somerville, Mass.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Rome Mfg. Co., Rome, N. Y.

Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Wolverine Brass Works, Grand Rapids, Mich

4205—Elbows (Conductor Pipe)

See Elbows & Shoes Conductor Pipe

Elbows (Furnace)

See Furnace Pipe & Fittings

4206—Elbows (Plumbers' Rubber)

Canfield H. O. Co. ("1901"), Bridgeport, Conn.

Canfield Rubber Co. ("Redtex," "Black-rock"), Bridgeport, Conn.

Empire Tire & Rubber Corp., East Trenton, N. J.

See adv index at end of book

Glauber Brass Mfg. Co. ("Cut-Me-Off" Rubber Closet), 49th & Superior av N E, Cleveland, O.

Goodrich B. F. Co., Akron, O.

Home Rubber Co., Trenton, N. J.

Mechanical Rubber Co., Cleveland, O.

Norwalk Mfg. Co., E Norwalk, Conn.

Pennsylvania Rubber Co., Jeannette, Pa.

Quaker City Rubber Co., 629 Market, Phila., Pa.

Elbows (Stove Pipe)

See Stove Pipe & Elbow Mfrs.

4207—Elbows (Street or Service)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Exeter Brass Works, Exeter, N. H.

Flagg Stanley G. & Co., Morris bldg, Phila., Pa.

Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.

Illinois Malleable Iron Co., 1801 Diversey Blvd, Chicago, Ill.

See adv index at end of book

Jarecki Mfg. Co., Erie, Pa.

Malleable Iron Fittings Co. ("M I F Co."), Branford, Conn.

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Wolff L. Mfg. Co., 601 N Lake, Chicago, Ill.

Wolverine Brass Works, Grand Rapids, Mich.

4208—Elbows (Union)

Bard Union Co., Norwich, Conn.

Beaton & Cadwell Mfg. Co. ("Jumbo"), New Britain, Ct.

Belknap Mfg. Co., Bridgeport, Conn.

Capitol Brass Works, Detroit, Mich.

Crane Co. (Est. 1855) (Malleable, etc), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Dart E. M. Mfg. Co. ("Dart"), 136 Clifford, Providence, R. I.

See adv index at end of book

Exeter Brass Works, Exeter, N. H.

Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila., Pa.

Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.

Illinois Malleable Iron Co., 1801 Diversey Blvd, Chicago, Ill.

See adv index at end of book

International Heater Co. (Dealers), Utica, N. Y.

Jarecki Mfg. Co., Erie, Pa.

Jefferson Union Co. ("Jefferson"), Lexington, Mass.

Kellogg-Mackay Co., 419 W 18th, Chicago, Ill.

Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McNab & Harlin Mfg. Co., 55 John, New York

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book

Malleable Iron Fittings Co. ("M I F Co."), Branford, Conn.

Milwaukee Valve Co. (Brass), 189 Burrrell, Milwaukee, Wis.

NATIONAL Tube Co. ("KEWANEE" Extra Heavy & Standard), Frick bldg, Pittsburgh, Pa.

See adv index at end of book

Ohio Brass Co. ("Ohio Brass"), Mansfield, Ohio

Pittsburgh Valve & Fittings Co. ("Pittsburgh"), Frick bldg, Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.

United States Radiator Corp., B'way & Grand River, Detroit, Mich.

Walworth Mfg. Co., Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.
Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.**4209—Elbows & Shoes (Conductor Pipe)**

Berger Mfg. Co., Canton, O.

Camden Elbow Co., Camden, N. J.

Delphos Mfg. Co., 1st & Pierce, Delphos, O.

Dieckmann Ferdinand Co., 2423 Harrison av, Cincinnati, O.

Dowman-Dozier Mfg. Co., Atlanta, Ga.

EDWARD MFG. CO. (Corrugated, etc.), 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Friedly-Voshardt Co. (Galvanized & Copper), 733 S Halsted, Chicago, Ill.

Garry Iron & Steel Co., Niles, O.

Globe Iron Roofing & Corrugating Co., Newport, Ky.

Horner W. S. & Co. (Iron), Oliver bldg, Pittsburgh, Pa.

Hussey C. G. & Co. (Copper Only), 2850 2nd av, Pittsburgh, Pa.

Klauer Mfg. Co., Dubuque, Ia.

Lamb & Ritchie Co. (Corrugated, etc.), Cambridge, Mass.

Lupton's Davids' Sons Co. ("Luptons"), E Allegheny & Tulip, Philadelphia, Pa.

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

Messenger & Parks Mfg. Co., Aurora, Ill.

Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.

Milwaukee Corrugating Co., Milwaukee, Wis.

Newark Steel & Iron Works, 12 Mercer, Newark, N. J.

New England Steel Roofing Co. (Corrugated, etc), Worcester, Mass.

New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.

Niles Iron & Steel Roofing Co., Niles, O.

Ohio Corrugating Co., Warren, O.

See adv index at end of book

Reeves Mfg. Co., Dover, O.

Scott Roofing & Mfg. Co. (Corrugated, etc), 408 Culvert, Cincinnati, Ohio

Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.

Tiffin Art Metal Co., 20 Broad, Tiffin, Ohio

Valley Cornice & Slate Co., Ltd, Saginaw, Mich.

Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

4210—Election Booths (Steel or Wood)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Van Dorn Iron Works Co, 2700 E 79th, Cleveland, O.

4211—Electric Blasting Apparatus

See also Blasting Fuses, Caps, etc

Rendrock Powder Co., 106 Wall, New York

Electric Car Lighting Apparatus

See Car Lighting Apparatus

4212—Electric Heating & Ironing Outfits (Shoe Factory)

Boston Last Co. ("Peerless"), 44 Binford, Boston, Mass.

Electric Light Fixtures

See Electric & Gas Light Fixture Mfrs.

4213—Electric Light Plants (Portable or Stationary)

Dayton Electrical Mfg. Co. (For Home, Farm or Factory), Dayton, Ohio

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Fay & Bowen Engine Co., Geneva, N. Y.

Garford Mfg. Co. (Stationary Only), Elyria, Ohio

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Korsmeyer Co., Lincoln, Neb.

McBee Engine & Implement Co., Lexington, Miss.

Matthews Engineering Co. (For Homes, etc.), Sandusky, O.

Roberts-Hamilton Co., 413 S Fourth, Minneapolis, Minn.

Sackett Mine Supply Co (For Home, Farm or Centralized School), 162 N Third, Columbus, O

Electric Light Poles

See Poles, Iron & Steel, Flag & Street; also Ties, Poles & Posts

4214—*Electric Lighting Plants for Yachts

Fay & Bowen Engine Co., Geneva, N. Y.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book***4215—Electric Lighting Sets**

American Blower Co., 1400 Russell, Detroit, Mich.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Ideal Electric & Mfg. Co., Mansfield, O.

Imperial Electric Co., Akron, O.

WESTINGHOUSE ELECTRIC & MFG. Co., East Pittsburgh, Pa.

*See adv index at end of book***4216—Electric Lighting Systems (Auto)**

Brown John W. Mfg. Co., Columbus, O.

Connecticut Telephone & Electric Co., Meriden, Conn.

Cushman Motor Works, Lincoln, Neb.

Dyneto Electric Co., Syracuse, N. Y.

Electric Auto-Lite Co., Toledo, O.

Garford Mfg. Co., Elyria, O.

Gray Motor Co., Oakland & McLean, Detroit, Mich.

Hossier Storage Battery Co., Evansville, Ind.

Imperial Electric Co., Akron, O.

Northwestern Mfg. Co., 480 Clinton, Milwaukee, Wis.

Splitdorf Electric Co., 98 Warren, Newark, N. J.

United States Light & Heat Corp. ("U S L"), Niagara Falls, N. Y.

4217—Electric Novelties

Electric Appliance Co. ("Morse" High Grade Electric Belts, Electric Insoles, Inhalers, etc), Burlington, Kans.

Elektra Toy & Novelty Co., 400 Lafayette, New York

Interstate Electric Novelty Co., 104 S 4th, Brooklyn, N. Y.

Ohio Electric Works, Cleveland, O.

Standard Electric Novelty Co., 730 W. Randolph, Chicago, Ill.

Swedish-American Tel. Mfg. Co., 1740 Farragut av, Chicago, Ill.

Union Battery Co. (Miniature), Belleville, N. J.

4218-9—Electric Protective Devices

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.

See adv index at end of book

Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

Johns H. W.-Manville Co., Madison av & 41st, New York

Johns-Pratt Co., The ("Noark" Fuses & Accessories), Hartford, Conn.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

*See adv index at end of book***Electric Railway Contractors**

See Contractors, Building & General

4220—Electric & Gas Light Fixture Mfrs.

ARIZONA.

PHOENIX—Thoma E & Co.

CALIFORNIA.

ALAMEDA—Bechtle Otto

LOS ANGELES—Beacon Light Co.

California Fixture Co., 1422 So Main

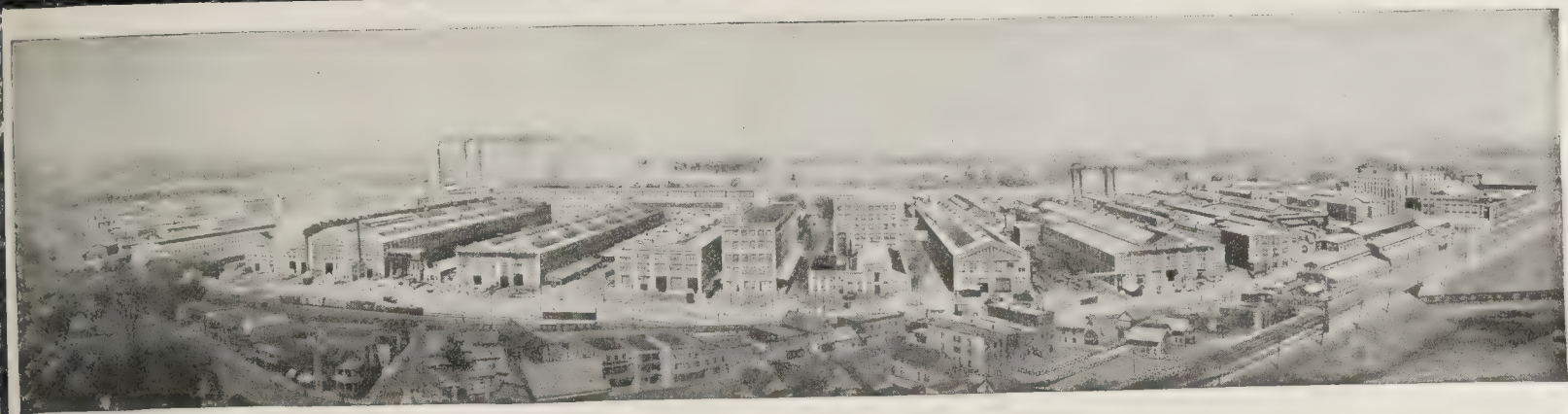
Forve-Pettebone Co.

Green H. L.

McCurdy-Miller Co., Van Nuys bldg

Meyberg Co.

Mission Fixture Co., 1100 S Main



Schenectady Works of the General Electric Company.

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Electrically driven, permanent and portable types.

Battery Charging Devices

Rheostats, mercury arc rectifiers, motor-generators, etc.

Circuit Breakers

and other automatic devices for protecting electrical circuits.

Compensators

for starting alternating current motors.

Converters, Synchronous

For changing alternating to direct current.

Controllers

All types for control of electric motors.

Electric Heating Devices

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Steam engines or Curtis steam turbines direct connected to electric generators.

Generators

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Complete from power house apparatus to and including the lamps.

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and meters for indicating, recording and integrating flow of electricity, and flow meters for steam, water, air, gas and oil.

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Lever switches, and toggle brush switches in all capacities.

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Complete switchboards for all classes of railway, lighting and power service.

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Magnet wire, insulated cables and N. E. C. wires.

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The General Electric Company's products include practically every appliance used for the generation, regulation, transmission and application of electricity as light, heat, power and as a means of transportation. "If it's electrical" you can obtain descriptive and illustrated bulletins and further information from our nearest office.

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Seattle, Wash.
Spokane, Wash.
Springfield, Mass.
Syracuse, N. Y.
Toledo, Ohio
Washington, D. C.
Youngstown, Ohio

* Southwest General Electric Company. † General Electric Company of Michigan.

For CANADIAN BUSINESS refer to Canadian General Electric Company, Ltd., Toronto, Ont.

GENERAL FOREIGN SALES OFFICES, Schenectady, N. Y.; 30 Church St., New York City; 83 Cannon St., London, E. C., England. 7326

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Buyers will often save time

by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.

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Mallett, 353 Sutter
Brass & Bronze Ornamental Art Mfg.
Co., 1061 Mission
Burtchaell John W., 357 Ellis
Coefield Mfg. Co., 51 Shipley
Day Thomas Co., 725 Mission
Gas Consumers Ass'n., 467 O'Farrell,
Hufschmidt L. A. Mfg. Co., 773 Mis-
sion
Ickelheimer Bros. Co., 439 Sutter
Roberts Mfg. Co., 663 Mission
United Lighting Fixture Co., 1149 Mis-
sion
Wizard Electric Lamp Co. ("D'Light"),
147 New Market
SAN JOSE—Baker T. E. & Sons Co.

COLORADO.

DENVER—Sechrist Albert Mfg. Co.

CONNECTICUT.

MERIDEN—Bradley & Hubbard Mfg. Co.
Brenner Bros. Mfg. Co.
Miller Edw. & Co.
Parker Chas. Co.
SOUTHINGTON—Brass Fixtures Co.
WATERBURY—Waterbury Mfg. Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Catlin, Elmer H. Co., 309
13th, N W

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PATENTED—FOR EVERY OUT-DOOR PURPOSE

HERWIG ART SHADE & LAMP CO.
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American Brass & Glass Co., 790 N
La Salle
Baehker F., 2531 Milwaukee av
Baggot E Co. 21 E Lake
Beardslee Chandelier Mfg. Co., 216 S
Jefferson
Braun David J. Mfg. Co., 668 W
Washington
Central Chandelier Co., 1547 Fulton
Chicago General Fixture Co., 19 E
Lake
Cook & Corswandt, 24 W Lake
Debs Chas. H. Co., 170 W Randolph
Decorators' Supply Co. (Composition),
2547 Archer av, Chicago, Ill.
Edwards Lighting Fixture Co., 65 E
Lake
Englewood Chandelier Works, 6142
Cottage Grove av
Everson C. G. & Co., 70 W Lake
Framburg H. A. & Co., 24 S Clinton
Garden City Chandelier Co., 552 W
Jackson blvd
General Lighting Fixture Co., 28 W
Lake
Harter Mfg. Co. ("Shad-O-Less" In-
direct "Beautygo," "Semi-Indi-
rect," "Uniltite" Industrial), 522
S Clinton, Chicago, Ill.
Helander Fixture Mfg Co, 2412 Mil-
waukee av
Herwig Art Shade & Lamp Co. ("Ven-
tilate" Nitrogen Lamp & Orna-
mental, Cast Metal Out
Door Lighting), 2140 N Halsted, Chi-
cago, Ill.
See adv index at end of book
Hovorka John D., 3509 W 12th
Jacobs C. B., 5241 W Chicago av
Kapsa Rudolph, 2320 S Kedzie av
Kimberly Mfg. Co., 80 E Jackson blvd
Metallic Mfg. Co., 745 E 39th

Moran & Hastings Mfg. Co., 18 W
Washington
Moran & Macnair, 72 W Lake
Pattison J. L. & Co., 552 W Jackson
blvd
Pearlman Victor S. & Co., 75 E Adams
Peerless Light Co., 174 W Randolph
Peters H. J. Co., 320 S Wabash av
Russell Bronze Co., 151 E Chicago av
South Side Chandelier Co., 5852 S
Halsted
Van Fossen H. B. Mfg. Co., 163 N
Wabash av
Wallace Mfg. Co., 5420 Broadway
Warren Walter G. & Co., 1401 W
Jackson blvd
Williamson R. & Co., 601 Washington
Wilmarth T. W. Co., 324 W Superior
Wilson & Wilk Co., 1540 Milwaukee av
Wingrane & MacNaughton Co., 117 N
Wabash av
DECATUR—Farles Mfg. Co. (Adjustable)
ELGIN—Elgin Brass & Electrical Mfg. Co.
PEORIA—Peoria Electric Fixture Co.
ROCK ISLAND—Franks Mfg. Co. ("Pi-
anolite")
ST. CHARLES—Crown Electrical Mfg. Co.
St. Charles Fixture Mfg. Co.
SPRINGFIELD—Haas R. Electric & Mfg.
Co. (Combination Fixtures)

INDIANA.

BLUFFTON—Brown W. B. & Co. (Wood)
GOSHEN—Goshen Stamping & Brass Co.
MUNCIE—Rutherford Bros. Co.
TERRE HAUTE—Terre Haute Gas Fix-
ture Co.

IOWA.

MUSCATINE—Niver Iron Works Co.

KENTUCKY.

LOUISVILLE—Louisville Gas & Electric
Co.
Wood Harry I. Co.

MARYLAND.

BALTIMORE—Baltimore Gas Light Co.,
13 N Howard
Butler, Victor K. Co., S W cor
Charles & Center
Fisher & Rohleder, 219 W Saratoga
Good & Craft, 514 N Eutaw
Hill Walter E. & Co., 203 N Liberty
Kries Michael A., 303 W Lombard
Walther Geo. W. & Co., 208 W Fayette

MASSACHUSETTS.

BOSTON—Berne H. N. & Co.
Bigelow, Kennard & Co., 511 Wash-
ington
Cambridge Brass Co., 50 Sudbury
Finch J. H. Co., 24 Beach
Ireland Robt. D. & Co., 278 Boylston
Knott & Heald Co., 290 Devonshire
McKenney & Waterbury Co., 181
Franklin
Palmer M. S. Co., 151 Franklin
Pettingell Andrews & Co. ("Execup-
lor," Electric), 166 Pearl
Shreve, Crump & Low Co., 147 Tre-
mont
Tarbell E. H. Co., 15 Washington
Wheeler Reflector Co. (Electric), 156
Pearl
NEW BEDFORD—Pairpoint Corporation
SOMERVILLE—Forg Peter Mfg. Co.
(Electric)
WORCESTER—White O. C. Co.

MICHIGAN.

COLDWATER—Champion Brass Works
DETROIT—Detroit Chandelier Lamp Co.,
79 B'way
Detroit Gas & Electric Fixture Co.,
68 W Gd River av
Detroit Lighting Fixture Co., 222
Jeff av E
McRae & Roberts Co. (Gas, Brass),
227 Campbell av
See adv index at end of book
Miller Light & Fixture Co., 815 Gra-
tiant av
Netting C. J. Co., 71 B'way
Sherod Ralph E., 866 Hudson
Walker H. L. Co., 185 Jefferson av
GRAND RAPIDS—Weatherley Co.
KALAMAZOO—Ideal Gas Light Co.
LANSING—Allen-Sparks Gas Light Co.

MINNESOTA.

MINNEAPOLIS—Andresen Jacob Co., 314
S 4th
Minneapolis Gas Fixture Co., 814 Hen-
nepin av
Twentieth Century Brass Works, 231
Fifth av. S W
ST. PAUL—Minnesota Chandelier Co. 369
Jackson

MISSOURI.

KANSAS CITY—Bailey-Reynolds Gas Fix-
ture Co.
Stephens Gas & Electric Chandelier
Co.
ST. LOUIS—Gross Chandelier Co., 1107
Locust av
Kraushaar Brass Mfg. Co., 1112 Market
Luminous Unit Co. ("Brascolite") Jef-
ferson & Washington av
St. Louis Brass Mfg. Co., Jefferson &
Washington av

NEBRASKA.

OMAHA—Burgess-Granden Co.

NEW JERSEY.

BLOOMFIELD—Baylls Co.
BRIDGETON—Bridgeton Chandelier Co.
Crescent Art Metal Co.
HOBOKEN—Lutz Alois M.
JERSEY CITY—Gothberg H. & E., 139
Cator av
N. Y. & N. J. Chandelier Co., 512
Paterson Plank rd
NEWARK—Davidson Chas., 37 Rankin
Jaehling Gas Fixtures Co., 221 13th av
Penn H. M. Co., 70 William
Storsberg Fritz Co., 20 Atlantic
United States Gas Fixtures Co., 262
Washington
PATERSON—Strutt Wm.
TRENTON—Trenton Gas & Elec. Fixture
Mfg. Co.

NEW YORK.

BUFFALO—Art Gas & Electric Fixture
Co., 312 Pearl
JAMESTOWN—Ellison Brass Mfg. Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Daru & Huffman, 18 Bergen
Findlay Robert Mfg. Co., 349 Adams
Gaites, Peace & Co., 204 Willoughby
Hudson Brass Works, 16 Nassau
Luckett Frederick, 266 State
May Sylvester, 98 Schermerhorn
Nichols Gas Fixture Mfg. Co., 1100
Myrtle av
Shapiro & Aronson, 245 Glenmore av
Walbroehl & Co., Hamilton av
White J. H. Mfg. Co., 111 N 3d

Boroughs of Manhattan and Bronx.

NEW YORK—Acme Gas & Electric Fix-
ture Co., 132 W 14th
Albert Gas Fixture Co., 707 3d av
Almar Mfg. Co. (Wood), 47 W 34th
Archer & Pancoast Co., 507 W 24th
Baeder J. L., 2849 Webster av
Bagues Freres Co., 705 5th av
Black & Boyd Mfg. Co., 432 E 23d
Blanchard & Kelly, 157 E 128th
Blatt S. & Co., 49 Elizabeth
Boesch H., 275 Greenwich
Bradley & Hubbard Mfg. Co., 200 5th
av
Brassart Fixture Co., 13 Laight
Butensky I., 342 Bowery
Caldwell Edw. F. & Co., 38 W 15th
Cassidy & Son Mfg. Co. ("Glo-Lite"),
101 Park av
Central Chandelier Co., 224 Centre
Colonial Chandelier Works, 122 Centre
Columbia Gas & Electric Fixture Co.,
182 Grand
Consolidated Chandelier Co., 134 W
14th
Cory Chas. & Son, 286 Spring
Dale Lighting Fixture Co., 107 W 13th
Eclipse Light Co., 583 B'way
Elsenberg M. & Son, 165 Grand
Empire Brass Co., 329 E 26th
Empire Lighting Fixture Co., 224 Cen-
tre
Eureka Chandelier Co., 153 Lafayette

Falkenbach Mfg. Co. (Woodfibre), 159 E 54th
 Freeman Philip & Bros., 92 Bowery
 Gleason E. P. Mfg. Co., 37 Murray
 Goodfarb Chas., 219 Grand
 Hasbrouck-Bergen Co., 223 E 38th
 Heather R. C. Co., 19 W 36th
 Home Light Co. of America, 1955 Park av

Ideal Gas & Electric Fixture Co., 412 B'way

Idea Henry (Est of), 46 University pl
 Knickerbocker Chandelier & Electrical Supply Co., 361 W 42d

Lahr & Co., 154 W 27th

Leveridge Chas. W. ("L. & L." Electric Show Case), 133 Liberty

McCoy J. B. & Son, 114 W 30th

Miller Edw. & Co., 68 Park pl

Mitchell Vance Co., 507 W 24th

National Metalizing Co. ("Armor Brand"), 236 5th av

New Century Gas & Electric Fixture Co., 17 Crosby

Ornamental Art Metal Works, 50 Church

Pellegrini A. & Co., 155 W 29th

Plaut L. & Co. (For the Trade Only), 432 E 23d

Plaza Mfg. Co. (Wood Fibre), 1269 B'way

Puritan Art Fixture Co., 151st & Melrose av

Reading Hardware Co. (Chandeliers), 50 Franklin

Rosenbaum & Philips, 204 W Houston

Shapiro & Aronson, 20 Warren

Silvestro C., 4149 Park av

Simes Co., 18 Rose

Sterling Bronze Co., 16 E 40th

Tiffany Studios, 361 Madison av

Tuck A. J., 329 E 26th

Union Gas Fixture Co., 361 W 42d

Wahle-Phillips Co., 101 Park av

Walsh Owen Mfg. Co., 525 W 26th

Wrought Iron & Art Glass Fixture Co., 6 Howard

(End of New York City)

TROY—Hinsdill Electric Co. (Electric Individual for Sewing Machine Tables)

UTICA—Seneca Brass & Plating Works
 Utica Brass Works

NORTH CAROLINA.

CHARLOTTE—Smith Electric Fixture Co.
 GREENSBORO — Peerless Chandelier Works

OHIO.

CINCINNATI — Cincinnati Artistic Wrought Iron Co., 2941 Eastern av
 Davidson J. W. & Co., 629 Main
 Ohio Gas & Electric Fixture Co.
 Peoples Gas Fixture Co., 6th & Main

CLEVELAND—Art Metal Mfg. Co., E 61st & Curtis av

Brookins Co., 1747 Euclid av

Central Gas & Electric Fixture Mfg. Co., 805 Vincent av N E

Cleveland Chandelier Co., 717 Lakeside N W

Collins Clarence H.

Euclid Av. Electric Fixture Co., 5213 Euclid av

Gas Fixture & Brass Co.

Metropolitan Gas & Electric Fixture Co., 1767 E 55th

Modern Electric Fixture Co., 5317 Euclid av

Morreau Co., 1303 Oregon av N E

Ohio Gas & Elec. Fixture Mfg. Co., 2183 2d

Scott-Ullman Co., 3400 Perkins av, N E

COLUMBUS—Cussins Charles D. Co. (Dealers), 170 N 3d

Federal Mfg. Co., 168 W Long

SPRINGFIELD—Springfield Gas Fixture Co.

TOLEDO—Toledo Chandelier Mfg. Co.
 Western Gas Fixture Co., 611 St. Clair

TROY—American Fixture & Mfg. Co.
 Metallic Novelty Co.

URBANA—Mohrlite Co.

VERMILION—Wakefield F. W. Brass Co.

PENNSYLVANIA.

ALLENTOWN—Royal Chandelier Works

BRIDGEVILLE—Frederick-Elder Co.

EAST PITTSBURGH—WESTINGHOUSE ELECTRIC & MFG. CO. (Electric) *See adv index at end of book*

PHILADELPHIA—American Gas Fixture Works, 1235 Filbert

Biddle-Gaumer Co., 3846 Lancaster av

Branagan James M., 537 W Erie

Brown F. P., 45 N 6th

Cherry Chandelier Co., 827 Spring Garden av

Colonial Mfg Co, Alleghany & A.

Fingerhut Ed., 1206 N 4th

Frankford Gas Fixture Co., 4270 Frankford

Grell Jacob W., 812 Noble

Heller C. B., 622 Arch

Horn & Brannen Mfg. Co., 427 N Broad

Klaue Jos. P., 11th & Ridge

Lloyd-Garrett Co., 15th & Locust

Novelty Gas & Elec. Fixture Co. 5th & Green

Sulzer & Co., 252 N 11th

PITTSBURGH—Macbeth-Evans Glass Co. ("Alba," "Decora," "Thebian," "Monax"), Wabash bldg

Pittsburgh Gas & Electric Fixture Co., 428 Penn

Pittsburgh Lamp. Brass & Glass Co. (Indirect), 130 7th

READING—Keystone Gas Fixture Works
 Reading Chandelier Works

WILKES BARRE—Shepherd & Rust

RHODE ISLAND.

PROVIDENCE—Franklin Specialty Mfg. Co. ("Anderson" Adjustable Light Holder), 710 Eddy

Law & Hawxhurst, 164 Pine

Providence Gas & Electric Fixture Co., 9 Fenner

Shirley Jno. R. & Sons, 68 Franklin

VIRGINIA.

NORFOLK—Building Supplies Corp.

WISCONSIN.

MILWAUKEE—Franke H. E., 421 B'way
 Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac av

Massino J. Mfg. Co., 740 3d

Polachek Chas. & Bro. Co., 217 3rd

WATER TOWN—Brandt-Dent Co.

4221—Electric & Gas Light Portables

See also Electric & Gas Light Fixture Mrs.; also Portables Electric

Aladdin Co., 90 B'way, New York

Amboy Works, Perth Amboy, N. J.

Boston Brass Andiron Co. (Electric), 104 Utica, Boston, Mass.

Bradley & Hubbard Mfg. Co., Meriden, Conn.

Farber S. W. (also Showers & Domes), 147 S 5th, Brooklyn, N. Y.

Faries Mfg. Co. (Adjustable), Decatur, Ill.

Forg Peter Mfg. Co. (Electric Industrial Adjustable), Somerville, Mass.

Kraushaar Brass Mfg. Co. (Adjustable, also Newels or Portables), 1112 Market, St. Louis, Mo.

Miller Edw. & Co., Meriden, Conn.

Parker Chas. Co., Meriden, Conn.

Quaker City Brass Works, 336 N 3d, Phila., Pa.

Rubes Electric Devices, 255 Classon av, Brooklyn, N. Y.

Turner & Seymour Mfg. Co., Torrington, Conn.

Wilkinson Co., 93 Underhill av, Brooklyn, N. Y.

4222—*Electrical Engineers & Contractors

WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

4223—*Electrical Parts & Fittings (Stamped)

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.

See adv index at end of book

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

4224 — *Electro-Cardiographic Apparatus

Taylor Instrument Co.'s, Rochester, N. Y.

See adv index at end of book

4225—Electro Chemical Apparatus

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

4226— Electro Plating

American Nickeloid Co. (also Buffing & Polishing), Peru, Ill.

Backus Corp. (& Polishing), Brandon, Vt.

Bastian Bros. Co., Rochester, N. Y.

Biddle-Gaumer Co., 3846 Lancaster av, Phila., Pa.

Brand & Herrmann, 247 Centre, New York

Buckeye Mfg. Co. (All Kinds), Canton, O.

Burridge B. W., 461 Bush, San Francisco, Cal.

Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.

Chelsea Electro Plating & Polishing Co., 247 Centre, New York

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

Cleveland Plating Co., 3610 Superior, Cleveland, O.

Coleman Adelbert E., 336 W 37th, Chicago, Ill.

Cooke Jos. S., 20 Jacob, New York

Dalton John J., 20 Jacob, New York

Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich.

Fowler Lamp & Mfg. Co. (All Finishes), 59 E 24th, Chicago, Ill.

Geran J., 168 Centre, New York

Golden West Plating Wks., 131 Mission, San Francisco, Cal.

Grammes L. F. & Sons (Contract Work a Specialty), Allentown, Pa.

Gray Iron Fdry. Co. (of Castings), Reading, Pa.

Hague Walter E. & Son, Barker pl, Pittsburgh, Pa.

Harry Bros Mfg Co, 282 Woodbridge, E. Detroit, Mich.

Highton Wm. & Sons Co., Nashua, N. H.

Ingraham A. S. Co., Attleboro, Mass.

Jackson Wm. H. Co., 2 W 47th, New York

Johnson Bronze Co., New Castle, Pa.

Kenny Jos. B. & Co., 1205 Olive, St. Louis, Mo.

Mattatuck Mfg. Co., Waterbury, Conn.

Megquier & Jones Co., Portland, Me.

Metal Crafters, East Stroudsburg, Pa.

See adv index at end of book

Meyer Louis J., 804 Walnut, Phila., Pa.

Meyers Fred J. Mfg. Co., Hamilton, O.

See adv index at end of book

National Mfg. & Electro Plating Co. (Nickel & Silver), 16 Calender, Providence, R. I.

New Acme Plating Co. (Gold, Silver, Nickel, Brass & Copper), 59 Page, Providence, R. I.

Newell Mfg. Co. (Silver, Nickel & Brass), Ogdensburg, N. Y.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.

See adv index at end of book

Nuss Mfg. Co., Harrisburg, Pa.

Republic Mfg. Co., Milwaukee, Wis.

Richey, Browne & Donald, Flushing av, Maspeth, Borough of Queens, New York City

Rockford Metal Specialty Co., Rockford, Ill.

Royal Polishing Works, 255 Centre, New York

St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.

St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.

Sessions J. H. & Son, Bristol, Conn.

Sharpless & Watts Co., 1520 Sansom, Phila., Pa.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

SPENCER'S I. S. SONS Inc., Guilford, Conn.

Standard Plating Wks., 446 N 12th, Phila., Pa.

Stecker Electric & Machine Co., Detroit, Mich.

Star Plating Works, 98 Broadway, Buffalo, N. Y.

Taylor & Boggis Foundry Co., Cleveland, Ohio

Tillmann E., 197 Grand, New York

Totten F. E. & Sons, 97 Cliff, New York

Tuckers Plating Works, Rochester, N. Y.

Wisconsin Iron & Wire Works (Bronze), Milwaukee, Wis.

Worcester Pressed Steel Co., Worcester, Mass.

4227—*Electro Plating (Bronze)

See also Electro Plating

Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Smith F. P. Wire & Iron Works, Lake
 & Dearborn, Chicago, Ill.
See adv index at end of book

4228—Electro-Therapeutic Apparatus

American X-Ray Equipment Co., 405 E
 31st, New York
 Birtman Electric Co., 1422 Bryan, Chicago,
 Ill.
 Meyer Wm. Co., 817 Washington, Chicago,
 Ill.
 Ten Broeck & Huber, 214 E 23d, New
 York
 Waite & Bartlett Mfg. Co., 252 W 29th,
 New York

4229—Electrodes

Acheson Graphite Co. (Carbon Graphite),
 Niagara Falls, N. Y.
 American Carbon & Battery Co. (Car-
 bon), E. St. Louis, Ill.
 American Platinum Works (Platinum),
 Oliver & N J R R av, Newark, N. J.
 Anchor Electric Co., 557 W Jackson Blvd,
 Chicago, Ill.
 Baker & Co. (Platinum), 54 Austin,
 Newark, N. J.
 Bishop J. & Co. (Platinum), Malvern, Pa.
 Bunnell J. H. & Co. (Galvanic, Faradic,
 etc), 32 Park pl, New York
 Chloride of Silver Dry Cell Battery Co.
 (Medical), 407 N Paca, Baltimore,
 Md.
 Eimer & Amend (Platinum), 205 3d av,
 New York
 Hirschberg H. M. Co. ("Planawerke," "Eu-
 ropean"), 1451 B'way, New York
LEAVITT C. W. & CO. (Carbon), 34
 Church, New York
See adv index at end of book
 National Carbon Co. (Carbon, Any Size
 Up to 24 inch Cross Section), Clevel-
 and, O.
 Scheidel-Western X-Ray Co. (Glass &
 Metal), 737 W Vanburen, Chicago, Ill.
 Star Electrode Wks. of Nat'l Carbon Co.,
 Niagara Falls, N. Y.
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book

4230—Electrogrip (Drop Light)

Yost Electric Mfg. Co. (For Suspended
 Lights & Cords), Toledo, O.

Electroliers

See Electric & Gas Light Fixture Mfrs.

4231—Electrolysis Prevention Apparatus

Brown Harold P., 120 Liberty, New York

4232—Electrolyzers

Electro Chemical Co. (Self-Circulating
 Type for Laundries), Dayton, O.

4233—*Electromobile (Storage Battery Trucks

New York, Chicago, Koppel, Pa., Pitts-
 burgh, San Francisco

4234—Electroscopes

Minerallac Electric Co., 1045 Washington
 bl., Chicago, Ill.

4235—Elevator Air Cushions

Biggen Charles P. Co., 1829 Harlan,
 Phila., Pa.
 Ellithorpe F. T. & Sons, 74 Cortlandt, New
 York

4236—*Elevator Cars & Enclosures

See also Bronze, Architectural, etc; also
 Iron, Architectural, etc

BUFFALO WIRE WORKS CO., 453 Ter-

race, Buffalo, N. Y.

See adv index at end of book

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

Columbus Wire & Iron Works Co., Colum-
 bus, O.

DAHLSTROM METALLIC DOOR CO.

35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

GORHAM CO. ARCH'L BRONZE, (Brass

& Bronze), 5th av & 36th, New York
See adv index at end of book

HANKE IRON & WIRE WORKS, 800 No.

Albany av, Chicago, Ill.
See adv index at end of book

Howard & Morse, 46 Fulton, New York
 Perkins Mfg. Co. (Metal), University &
 Fairview avs, St. Paul, Minn.

SMITH F. P. WIRE & IRON WORKS,

Lake & Dearborn, Chicago, Ill.
See adv index at end of book

Standard-Tyler Co., 2436 W 15th, Chicago,
 Ill.

TYLER W. S. CO., Cleveland, O.

See adv index at end of book
 Van Dorn Iron Works, 2700 E 79th, Clevel-
 and, O.

WRIGHT WIRE CO. (All Metals & Fin-

ishes), Worcester, Mass.
See adv index at end of book

Elevator Casings (Fireproof)

See Casings, Steel Elevator

Elevator Door Locking Device

See Elevator Safety Locks

4237—Elevator Door Openers & Closers

Elevator Supplies Co. ("Norton"), Hobo-
 ken, N. J.

Haughton Elevator & Machine Co., Toledo,
 Ohio

Richards-Wilcox Mfg. Co., Aurora, Ill.

4238—*Elevator Doors & Enclosures

DAHLSTROM METALLIC DOOR CO.
 (Hollow Metal Enclosures, Fireproof,
 Glazed with Wire Glass or with Solid
 Panels; An Ideal Equipment in Fire-
 proof Qualities, in Ease of Operation,
 Durability & Beauty of Finish &
 Style), 35 Blackstone av, Jamestown,
 N. Y. *See adv index at end of book*

4239—*Elevator Folding Gates (Self Closing)

Pitt Wm. R. Composite Iron Works ("Pitt"
 Patents), 219 W 26th, New York
See adv index at end of book

4240—Elevator Gates (Automatic)

See also Gates, Folding

A. B. C. Elevator Gate Co., 145 W 18th,
 New York

Altizer Elevator Co., 609 N La Salle, Chi-
 cago, Ill.

Bardsley Bros. Co., 151 Baxter, New York
 Beckwith Elevator Co., 123 Pearl, Boston,
 Mass.

California Artistic Metal & Wire Co., 349
 7th, San Francisco, Cal.

Christiansen L., 254 Broad, Lynn, Mass.

Dusing & Hunt, 386 Michigan av, Buffalo,
 N. Y.

Grote F. Mfg. Co., Evansville, Ind.

Haughton Elevator & Machine Co., To-
 ledo, Ohio

Houser Elevator Co., Syracuse, N. Y.

Johnson Geo. W. Mfg. Co., Kansas City,
 Mo.

Kansas City Elevator Mfg. Co., Kansas
 City, Mo.

Kimball Bros. Co., P O Box 154, Council
 Bluffs, Ia.

Kleenan L. F. Mfg. Co., 1923 Central, Kan-
 sas City, Mo.

Knickerbocker Elevator Gate Co., 116
 West, New York

Lagerquist Gust. (& Half Automatic),
 516 N 3d, Minneapolis, Minn.

Loewer John E. Structural Steel Wire &
 Iron Works, Kansas City, Mo.

Milmine H. B. & Co., Toledo, Ohio

Nock & Garside Elevator Co., 1844 Wazee,
 Denver, Colo.

Norfolk Iron & Wire Works, Norfolk, Va.

Ohio Elevator & Machine Co. (& Half
 Automatic), 530 Jefferson av, Colum-
 bus, Ohio

Paterson-Leitch Co. (Pressed Steel), 936
 E 67th, Cleveland, O.

Peelle Co. ("Peelle" Safety), Stewart av &
 Harrison pl, Brooklyn, N. Y.

PITT WM. R. COMPOSITE IRON
WORKS ("Pitt-Boswick"), 219 W
 26th, New York

See adv index at end of book
 Plocher Andrew Sons Co., Dayton, O.

Quincy Elevator Gate Co., Quincy, Ill.

Read Safety Gate Co., 207 Guilford av,
 Baltimore, Md.

Reedy H. J. Co. (Full Automatic), 15 W
 2nd, Cincinnati, O.

Richmond Safety Gate Co., Richmond, Ind.

St. Louis Wire & Iron Co., St. Louis, Mo.

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 Shields J. H., 231-33 Sycamore, Cincinnati, Ohio
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Smyser, Royer Co., York, Pa.
 Speidel John G. Reading, Pa.
See adv index at end of book

Stewart Iron Works Co. ("Bostwick"), Covington, Ky.

Storm Mfg. Co., 50 Vesey, Newark, N. J.
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y.
See adv index at end of book

4241—*Elevator Gates & Guards (Folding)

See also Gates, Folding

MEYERS FRED J. MFG. CO., Hamilton, O.

PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York
See adv index at end of book

4242—*Elevator Gates & Guards (Pitt, "Bostwick," Novelty & Composite Patents)

PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York
See adv index at end of book

4243—*Elevator Governors

Speidel John G., Reading, Pa.
See adv index at end of book

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio. *See adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N. Y. *See adv index at end of book*

WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

4243a—*Elevator Inspections

OTIS ELEVATOR CO., 26th & 11th av, New York
See adv index at end of book

4244—*Elevator Mouldings (Ornamental Steel)

DAHLSTROM METALLIC DOOR CO. (Cold Drawn), 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

4245—Elevator Repairs

See also firms marked thus † under the head of Elevators, Freight & Passenger

Haughton Elevator & Machine Co., Toledo, O.

OTIS ELEVATOR CO., 26th & 11th av, New York *See adv index at end of book*

4246—Elevator Safety Devices

See also the Specific Article Required
 American Electric Machine & Elevator Co., 1706 N 12th, St. Louis, Mo.
 Angell Elevator Lock Co. ("Angell" Safety Floor Stop & Lock), 370 Atlantic av, Boston, Mas.

Boedtker Franz A. ("Dorloc"), 355 W 42nd, New York

CUTLER-HAMMER MFG. CO. (Electric), 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

Haughton Elevator & Machine Co., Toledo, O.

Ohio Elevator & Machine Co., Columbus, Ohio

Reedy H. J. Co. (All Approved Designs), 15 W 2d, Cincinnati, O.

Roth Elevator Safety Device Co., 7 W German, Baltimore, Md.

Russell & Erwin Mfg. Co. ("Russwin" Elevator Door Controller), New Britain, Conn.

Safety Elevator Stop Co., Kalamazoo, Mich.

Shipperloc Co. ("Shipperloc"), 368 Atlantic av, Boston, Mass.

Shurloc Elevator Safety Co. (Auto-mechanical), 63 Park Row, New York

Surety Guard Co. ("M-C-K"), 62 E Lake, Chicago, Ill.

Victor Mfg. Co. ("Victor"), Newburyport, Mass.

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*

WARSAW ELEVATOR CO., Warsaw N. Y. *See adv index at end of book*

Elevator Safety Gates

See Elevator Gates, Automatic

4247—Elevator Safety Locks

American Electric Machine & Elevator Co., 1706 N 12th, St. Louis, Mo.

Angell Elevator Lock Co. ("Angell," Shipper Rope), 370 Atlantic av, Boston, Mass.

Clermand & Co. (Freight), 359 W B'way, New York

Elevator Supplies Co., Hoboken, N. J.
 Shipperloc Co. ("Shipperloc"), 368 Atlantic av, Boston, Mass

Standard Elevator Interlock Co, Widener bldg, Phila, Pa.

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y.

See adv index at end of book
 Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

4248—Elevator Safety Stops

Hunter James Machine Co., N Adams, Mass.

4249—*Elevator Self-Starters (Electric)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.

See adv index at end of book
 WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Elevator Siding

See Roofing & Siding, Iron & Steel

4250—Elevator Signals

Elevator Signal Co., 116 West, New York

Elevator Supplies Co. ("Armstrong" Electric), Hoboken, N. J.

Holtzer-Cabot Electric Co., Brookline, Mass.

4251—*Elevator Supplies

OTIS ELEVATOR CO., 26th & 11th av, New York. *See adv index at end of book*

4252—*Elevator Switches (Belt and Reversing)

CUTLER-HAMMER MFG. CO. ("C. & H."), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*

4253—Elevators (Aero-Hydro)

OTIS ELEVATOR CO., 26th & 11th av, New York *See adv index at end of book*

4254—*Elevators (Ashes)

See also Conveyors, Coal & Ash Handling
 Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT COMPANY ("Link-Belt" Telescoping for Buildings, Boiler Rooms, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4255—Elevators (Barrel & Package)

See also Conveyors, Various Kinds

Atlanta Mfg. & Supply Co., Atlanta, Ga.
 BARTLETT C. O. & SNOW CO., French st, Cleveland, O.

See adv index at end of book

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co. (Curved Arm), Milwaukee, Wis.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Ernst C. K., Buffalo, N. Y.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Great Western Mfg. Co., Leavenworth, Kans.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

Lamson Co., 100 Boylston, Boston, Mass.

LINK-BELT COMPANY (Automatic Pick Up, etc), 30th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

Pittsburg Conveyor Machinery Co, 4th & Duquesne wy, Pittsburgh, Pa.

ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

Teal Chas. A., 1361 Ridge av, Phila, Pa.

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y.

See adv index at end of book
 Webster Mfg Co, Tiffin, O

Weller Mfg Co, 853 W North av, Chicago, Ill.

Elevators (Belt Power)

See Elevators, Freight & Passenger

Elevators (Box Water)

See Elevators, Water, for Mine & Quarry

4256—Elevators (Bucket)

Acme Road Machy. Co., Frankfort, N. Y.
 American Road Machinery Co, Kennett sq, Pa

Atlanta Mfg. & Supply Co., Atlanta, Ga.

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.

See adv index at end of book
 Caldwell H W & Son Co, 17th & Western av, Chicago, Ill

Chain Belt Co., Milwaukee, Wis.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Essmuller Mill Furnishing Co., 1222 S 8th, St. Louis, Mo.

Farnham Mfg Co, 39 Indiana, Buffalo, N. Y.

JEFFREY MFG. CO. ("Jeffrey" for All Classes of Work), 961 N Fourth, Columbus, O.

See adv index at end of book
 Jones W. A. Foundry & Machine Co. ("Chain Bucket"), 4401 W 12th, Chicago, Ill.

LINK-BELT COMPANY (Continuous & Inclined Continuous), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.

See adv index at end of book

Manufacturers' Equipment Co., Dayton, O.

Mead-Morrison Mfg. Co. ("McCaslin"), cor Prescott & Orleans, East Boston, Mass.

Nordyke & Marmon Co., 1290 Ky av, Indianapolis, Ind.

ROBINS CONVEYING BELT CO., 13 Park row, New York

See adv index at end of book

Smith Engineering Wks., 1155 32d, Milwaukee, Wis.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Tamaqua Mfg. Co., Tamaqua, Pa.

Webster Mfg. Co., Tiffin, O.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

Wolf Co., Chambersburg, Pa.

4257—*Elevators (Building Material)

See also Elevators, Hod; also Engines, Hoisting; also Hoists, Builders' Electric; also Hoists, Contractors' Material

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.

See adv index at end of book

Elevators (Carriage)

See Elevators, Freight & Passenger
 Also Elevators, Hand

4258—*Elevators (Carriage, Wagon, Automobile, Etc.)

OTIS ELEVATOR CO., 26th & 11th av, New York *See adv index at end of book*
Speidel John G., Reading, Pa.
See adv index at end of book

Elevators (Clay)

See Conveyors, Clay

Elevators (Coal)

See Conveyors, Coal & Ash Handling, also Elevators, Bucket

4259—*Elevators (Combination, Hand & Belt Power)

SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y. *See adv index at end of book*

4260—*Elevators (Concrete)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

4261—*Elevators (Concrete Mixer)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

4262—Elevators (Contractors' Material)

See also Hoists, Contractors' Material; also Elevators, Hod

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

Elevators (Cotton)

See Elevators, Cotton, Under Textile Machinery

4263—*Elevators (Electric)

See also Elevators, Freight & Passenger
AMERICAN ELEVATOR & MACHINE CO., Dansville, Ky.

Haughton Elevator & Machine Co., Toledo, O.

NORTHERN ENGINEERING WORKS (Freight), 9 Chene, Detroit, Mich.

See adv index at end of book

OTIS ELEVATOR CO. (Power), 26th & 11th av, New York

See adv index at end of book

Roberts Jas. H. Elevator Co., 430 W B'way, New York

SPEIDEL JOHN G., Reading, Pa.

See adv index at end of book

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y.

See adv index at end of book

See adv index at end of book

4264—*Elevators (Electric Sidewalk)

See also Elevators, Sidewalk

OTIS ELEVATOR CO., 26th & 11th av, New York

See adv index at end of book

SPEIDEL, JOHN G., Reading, Pa.

See adv index at end of book

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y. *See adv index at end of book*

See adv index at end of book

4265—*Elevators (Employees')

Nutting Truck Co., Faribault, Minn.

See adv index at end of book

4266—Elevators (Flour)

See Conveyors, Grain Elevator

4267—*Elevators For Canning Factories

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

4268—*Elevators For Crushing Plants

See also Elevators, Bucket

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

ROBINS CONVEYING BELT CO., 13 Park row, New York

See adv index at end of book

4268a—*Elevators For Mine & Quarry

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.

See adv index at end of book

4269—*Elevators (Foundry)

See also Elevators, Freight & Passenger

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.

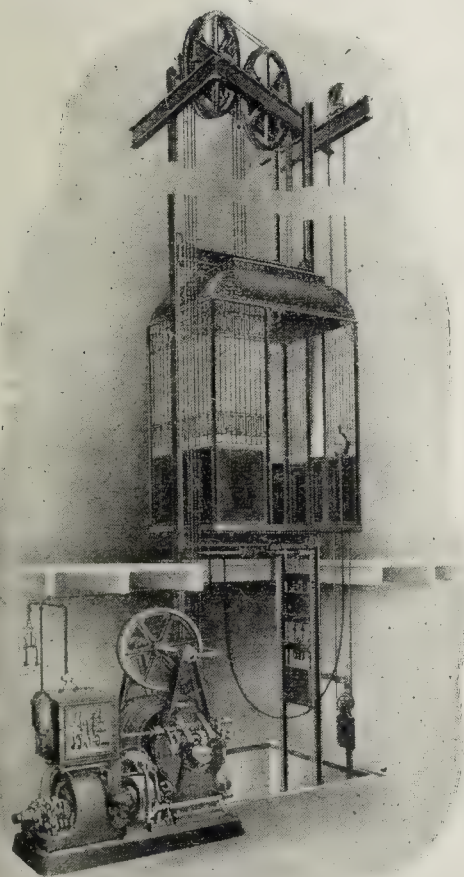
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SPEIDEL, JOHN G., Reading, Pa.

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See adv index at end of book



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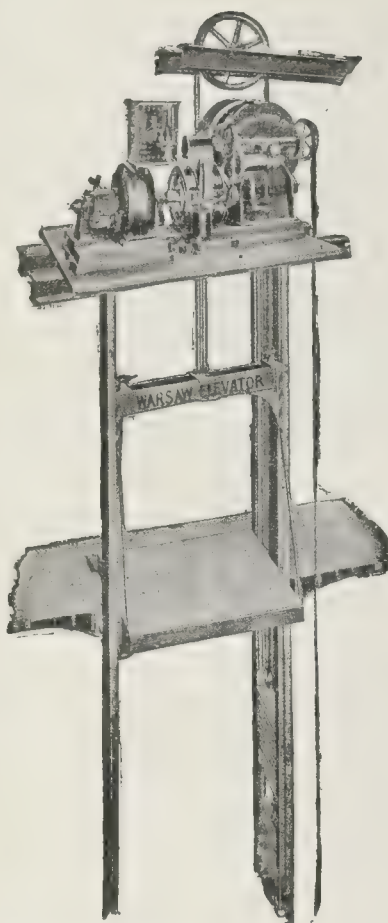
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SPRINGFIELD, Mass., 19 Taylor Street

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y. See adv index at end of book

4270—Elevators (Freight & Passenger)

NOTE—Firms Designated by Dagger (†) denotes General Repair Work Only. (Star *) Indicates Passenger Elevators

Under this Heading see Sub-classifications

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See adv index at end of book
WARNER ELEVATOR MFG. CO. (Electric, Hydraulic & Hand & Belt Power, Passenger & Freight)
See adv index at end of book

CALIFORNIA.

LOS ANGELES—Baker Iron Works
Fulton Engine Works, N Main c Alhambra av
Llewellyn Iron Works
*OTIS ELEVATOR CO. (For all purposes) See adv index at end of book
Union Iron Works, Stimson bldg

SAN FRANCISCO—†Enterprise Electric Works, 654 Mission
*OTIS ELEVATOR CO. (For all purposes), Stockton & N Point
See adv index at end of book
Van Emon Elevator Co., 54 Natoma

COLORADO.

DENVER—*Nock & Garside Elevator Co., 1844 Wazee
*OTIS ELEVATOR CO. (For all purposes), 1626 Glenarm
See adv index at end of book

CONNECTICUT.

NEW HAVEN—Eastern Machinery Co. (Electric), Ashmun & Gregory
MacKenzie George M.

DELAWARE.

WILMINGTON—Green Elevator Co., 215 W Front

ILLINOIS.

BLOOMINGTON—Kelser-Van Leer Co. (Freight)
CHICAGO—Altzier Elevator Co. (Electric), 609 N La Salle
Channon Jas. H. Mfg. Co., 227 W Erie
Gallaher & Speck, 215 W Congress
Illinois Elevator Co., 224 N Union av
*Kaestner & Hecht Co. (Steam, Electric & Hydraulic), 500 Throop
†Mitchell C. H. Elevator Co., 4744 Byron
*OTIS ELEVATOR CO. (For all purposes), 600 W Jackson blvd
See adv index at end of book
Pitt Engineering Co., 120 W Kinzie
†Prince Elevator Co., 231 W Grand av
†Reliance Elevator Co., 212 W Austin av
Standard Plunger Elevator Co., 327 S La Salle
DANVILLE—Westbrook Elev. Co. (Electric)

MOLINE—Montgomery Elevator Co. (Electric)
QUINCY—Hollister-Whitney Co. (Electric)

INDIANA.

DECATUR—Decatur Foundry, Furnace & Machine Co.
EVANSVILLE—*Grote F. Mfg. Co. (Electric)
International Steel & Iron Co. (Hand Power)
Mesker Geo. L. & Co. (Hand & Power)
INDIANAPOLIS—†Carman & Fryer
Nordyke & Marmon Co. (For Mills & Factories), 1290 Kentucky av
*OTIS ELEVATOR CO. (For All Purposes), 101 Kentucky av
See adv index at end of book
†Reedy D. V. Elevator Co. (Electric), 1026 Kentucky av

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co. (Electric, Hand & Bolt Power), P O Box 154
DES MOINES—†Globe Machinery & Supply Co.
Iowa Machinery & Supply Co.
LE MARS—Pech Gustave Foundry & Mfg. Co.

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co. (Freight)

KENTUCKY.

LOUISVILLE—Abell Elevator Co. (Mfrs. of Passenger & Freight, Electric Traction & Gearless Traction, Push Button, Hydraulic & Hand & Belt Power Elevators), 114 N 8th
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MAINE.

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 *Fauntleroy Elevator Co. (Hydraulic, Electric & Belt), 8th nr Pratt
 Flynn & Emrich Co., 305 N Holliday
 Marsh Corp., Garrett bldg
 *OTIS ELEVATOR CO. (For all Purposes), Equitable bldg
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 WARSAW ELEVATOR CO., Main Office & Works: Warsaw, N. Y.
 See adv index at end of book

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 McLauthlin Geo. T. Co., 120 Fulton
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 †Payne F. S. Co., 295 Franklin
 †Porter W. H., 30 Wendell
 *Portland Co. (of Portland, Me.), 110 Broad
 Seelye Mfg. Co. (Freight), 118 South
 †Tubman Wm., 67 Milk

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 Springfield Iron Works

WARSAW ELEVATOR CO., 19 Taylor
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Standard Plunger Elevator Co. (Electric), Stafford

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DETROIT—†Fox Wm., 71 Larned W
 NORTHERN ENGINEERING WKS., (Freight), 9 Chene
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 Ellison W. & Sons Mfg. Co., 1020 N 6th

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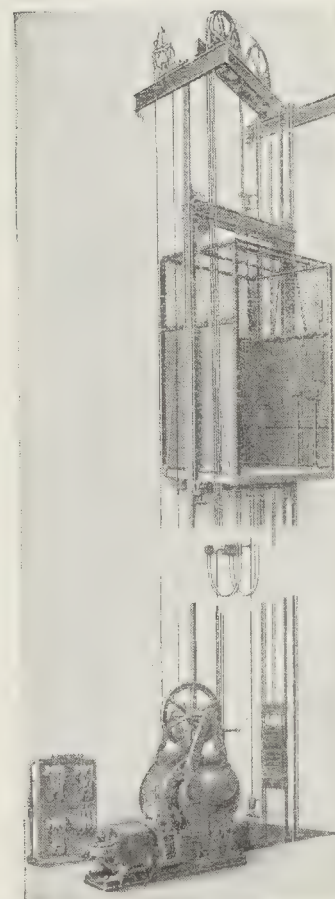
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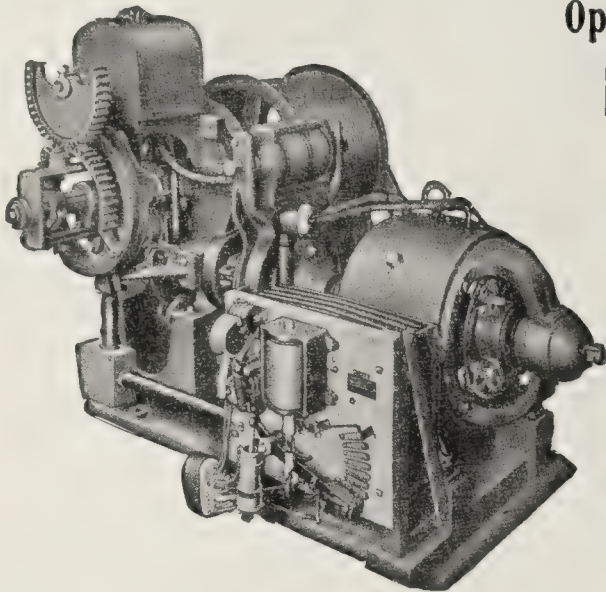
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*Gurney Elevator Co. (Electric), 62 W 45th
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†Meagher T. H., 103 Walker
Murtaugh Elevator Co., 535 W 33d
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†New York Elevator Co., 50 Grand
*OTIS ELEVATOR CO. (For all Purposes), 26th & 11th av
See adv index at end of book
*Reedy Elevator Co., 202 9th av
*Roberts J. H. Elevator Co., 430 W B'way
*See A. B. Electric Elevator Co., 220 B'way
*Shaper F. D. Elevator Co., 153 Franklin
Slade Elev. Co. (Electric), 1565 Park av
Sommerville Elevator Co., 156 W 30th
Staley El. Elev. & Mach. Co., 136 Prince
Standard Plunger Elevator Co., 105 W 40th
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Wheeler-McDowell Elev. Co. (Electric), 417 Canal
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O'Neill Elevator Co., 628 Cherry
*OTIS ELEVATOR CO. (For all Purposes), 12th & Samson
See adv index at end of book
*See, A. B. Electric Elevator Co., Land Title bldg
*Stokes & Parrish Elevator Co. (Dep't of Otis Elevator Co.), 12th & Samson
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See Carriers, Hay; also Elevators, Portable

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American Hoist & Derrick Co. (For Building Materials), St. Paul, Minn.
Buckley Jas. J. (For Building Material), 303 5th av, New York
Carlson Operating Co., 1074 St. Marks av, Brooklyn, N. Y.
Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
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Edelmeyer & Morgan Hod Elevator Co. (For Building Materials), 333 W 49th, New York
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Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
National Hoisting Engine Co., Harrison, N. J.
Pelham Hod Elevating Co. (For Building Materials), 416 W 26th, New York
Smith Wm. A., 282 E 141st, New York
South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
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Thomas Elevator Co., 20 S Hoyne, Chicago, Ill.
White Hoist & Machine Co., Southern blvd, & 143rd, New York

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See also Elevators, Freight & Passenger
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See Elevators, Hand

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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
Manitowoc Engng. Works, Manitowoc, Wis.

4281—*Elevators (Pipe)

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4282—*Elevators (Plunger)

See also Elevators, Freight & Passenger
OTIS ELEVATOR CO., 26th & 11th av, New York *See adv index at end of book*
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Ohio *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine Nat. Bank bldg, Buffalo, N. Y. *See adv index at end of book*

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Davis Norris K. Machine Wks., 400 7th, San Francisco, Cal.
Economy Engineering Co., 415 S Washtenaw av, Chicago, Ill.
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LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
New Jersey Foundry & Machine Co., 89 West New York
N. Y. Revolving Portable Elevator Co. ("Revolvator"), Jersey City, N. J.

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Haughton Elevator & Machine Co., 679 Spencer, Toledo, O.
OTIS ELEVATOR CO. (Automatic, Electric), 26th & 11th av, New York *See adv index at end of book*
WARNER ELEVATOR MFG. CO. (Automatic), Spring Grove av, Alfred & Valley, Cincinnati, O. *See adv index at end of book*
WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine Nat. Bank bldg, Buffalo, N. Y. *See adv index at end of book*

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See Tiering Machines

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cago, Ill.
Bowes John J., 203 W 98th, New York
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Power), 227 W Erie, Chicago, Ill.
Curran Jas. H., Elevator Co., 114 W 2nd,
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Kienlen av, St. Louis, Mo.
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Eastern Machinery Co., New Haven, Conn.
Edmonds Elevator Co., Cleveland, O.
Ernst C. K. ("Ernst Perfection"), Buffalo,
N. Y.

Grossman Bros. & Rosenbaum, Willow av
& 133rd, New York
Grote F. Mfg. Co., Evansville, Ind.
Haughton Elevator & Machine Co., 679
Spencer, Toledo, O.

Kansas City Elevator Mfg. Co., Kansas
City, Mo.
Kleckhefer A. Elevator Co., Milwaukee,
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Kimball Bros. Co., P O Box 154, Council
Bluffs, Ia.

Kohlmetz Chas. E., Rochester, N. Y.
Kohlmetz H. L., Rochester, N. Y.
McLauthin Geo. T. Co., 120 Fulton, Bos-
ton, Mass.

Marshall Bros., S 21st, Pittsburgh, Pa.
Mesker Bros. Iron Co., 421 S 6th, St.
Louis, Mo.

Miller Wm. A. Elevator Mfg. Co., 9th &
Victor, St. Louis, Mo.

Murtaugh Elevator Co., 535 W 33d, New
York

N. Y. Revolving Portable Elevator Co.
("Revolutor"), Jersey City, N. J.

Ohio Elevator & Machine Co., 530 Jeffer-
son av, Columbus, O.

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New York See *adv index at end of book*

Prince Elevator Co., 231 W Grand av,
Chicago, Ill.

Reedy H. J. Co. (Electric, Hydraulic &
Hand Power), 15 W 2d, Cincinnati, O.

Roberts Jas. H. Elevator Co., 430 W B'way,
New York

Sedgwick Machine Works, Poughkeepsie,
N. Y.

SPEIDEL JOHN G., Reading, Pa.
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Storm Mfg. Co., 50 Vesey, Newark, N. J.

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Grove av, Alfred & Valley, Cincinnati,
Ohio See *adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N.
Y., & Marine National Bank bldg, Buf-
falo, N. Y. See *adv index at end of book*

4289—Elevators (Stone)
See Elevators, Bucket

4290—*Elevators (Traction)
AMERICAN ELEVATOR & MACHINE
CO., Louisville, Ky.

OTIS ELEVATOR CO. (Geared & Gear-
less), 26th & 11th av, New York
See *adv index at end of book*

WARNER ELEVATOR MFG. CO., Spring
Grove av, Alfred & Valley, Cincinnati,
Ohio See *adv index at end of book*

WARSAW ELEVATOR CO., Warsaw, N.
Y. See *adv index at end of book*

4291—*Elevators (Traveling, Coal)
Acme Road Machy. Co., Frankfort, N. Y.

JEFFREY MFG. CO., 961 N Fourth,
Columbus, O.

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Elevators (Tray)

See Elevators, Barrel & Package

4292—*Elevators (Wall)

SPEIDEL, JOHN G., Reading, Pa.
See *adv index at end of book*

4293—*Elevators (Water, For Mine & Quarry)

JEFFREY MFG. CO., 961 N Fourth,
Columbus, O.
See *adv index at end of book*

4294—*Elevators & Conveyors For All Purposes

ATLAS ENGINEERING CO., Amherst,
Ohio See *adv index at end of book*

Hunt, C. W. Co., West New Brighton,
N. Y. See *adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth,
Columbus, O.
See *adv index at end of book*

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tomatic), Wilkes-Barre, Pa.

Robertson Jas. L. & Son ("Hine's"), 78
Murray, New York

Emery Cloth

See Paper, Flint, Sand & Emery

Emery Wheel Stands & Arbors

See Grinders, Emery

4296—Emery Wheels (Vulcanized Rubber)

Carborundum Co. (Carborundum & Alox-
ite), Niagara Falls, N. Y.

Hampden Corundum Wheel Co., Bright-
wood, Springfield, Mass.

Manhattan Rubber Mfg. Co., Passaic, N. J.

New York Belting & Packing Co. ("Vul-
canite"), 91 Chambers, New York

4297—Emery & Corundum Mfrs.

Abrasive Mining & Mfg. Co. (Miners &
Mfrs., Scimitar, Sultan Emery, Turkish
Emery, Naxos Emery, Corundum),
Plymouth, Ind., & Chester, Mass.

Ashland Emery & Corundum Co., E Cam-
bridge, Boston, Mass.

Carborundum Co. (Carborundum), Niagara
Falls, N. Y.

General Abrasive Co., Niagara Falls, N. Y.

Hamilton Emery & Corundum Co., Ches-
ter, Mass.

Hampden Corundum Wheel Co., Bright-
wood, Springfield Mass.

Jackson Mills Emery Co. (Scimitar, Ku-
lick Emery, Turkish Emery, Naxos
Emery & American Emery), Easton,
Pa.

Keystone Emery Mills (Turkish & Greek),
4325 Paul, Phila., Pa.

Niagara Emery Mills (Turkish & Greek
Noxos Emery), Lockport, N. Y.

Oriental Emery Co., New Haven, Conn.

Speare's Alden Sons Co., Cambridge, Mass.

Sterling Grinding Wheel Co. (Corundum
Wheel), Tiffin, O.

STILES H. A. & CO. ("Ottoman" Turk-
ish Emery & Greek Corundum), 93-97
Oliver, Boston, Mass.
See *adv index at end of book*

Superior Corundum Wheel Co., Waltham,
Mass.

Tanite Co. (Emery Only), Stroudsburg,
Pa.

Van Amringe Theo. & Son (Turkish Em-
ery), 81 Fulton, New York
Washington Mills Emery Mfg. Co. (Turk-
ish Emery Only), North Grafton,
Mass.

4298—Emery & Corundum Wheel Mfrs.

Abrasive Co., Phila., Pa.
American Emery Wheel Works ("Carbo-
lite"), Providence, R. I.

Best L. Co., 75 Barclay, New York

Bridgeport Safety Emery Wheel Co.,
Bridgeport, Conn.

Buffalo Emery Wheel Co. (Adamite, Car-
bosolite), 127 Ash, Buffalo, N. Y.

Carborundum Co. (Carborundum & Alex-
ite), Niagara Falls, N. Y.

Chicago Wheel & Mfg. Co. ("Chicago"),
1101 W Monroe, Chicago, Ill.

Commercial Corundum & Emery Wheel
Co., 922 W Ohio, Chicago, Ill.

Cortland Corundum Wheel Co., Cortland,
N. Y.

Crescent Emery-Corundum Wheel Co., In-
dianapolis, Ind.

Dayton Grinding Wheel Co., Dayton, O.

Detroit Grinding Wheel Co. ("Hart"), De-
troit, Mich.

Eagle Emery & Corundum Wheel Co., 715
S Robey, Chicago, Ill.

Electric Emery Wheel Co., 827 Broad,
Newark, N. J.

Gold Walter C. ("The Keystone"), 235
Race, Phila., Pa.

Hampden Corundum Wheel Co., Bright-
wood, Springfield, Mass.

Keystone Emery Mills, 4325 Paul, Phila.,
Pa.

National Grinding Wheel Co., 2984 Main,
Buffalo, N. Y.

Norton Company (Alundum & Crystolon),
Worcester, Mass.

Peninsular Emery Wheel Co. (Also Adam-
ite Abrasive Wheels), Detroit, Mich.

Pike Mfg. Co., Pike, N. H.

Pittsburgh Emery Wheel Co., Rochester,
Pa.

Ramsdell Specialty Co., Worcester, Mass.

Safety Emery Wheel Co., Springfield, O.

Springfield Mfg. Co., Bridgeport, Conn.

Star Corundum Wheel Co., 241 Cavalry av,
Detroit, Mich.

Sterling Grinding Wheel Co. (Adamite
Wheel Also), Tiffin, O.

STILES H. A. & CO. (Also Artificial
Abrasive Wheels), 93-97 Oliver, Bos-
ton, Mass. See *adv index at end of book*

Superior Corundum Wheel Co., Waltham,
Mass.

Tanite Co., Stroudsburg, Pa.

Vitrified Wheel Co., Westfield, Mass.

Waltham Emery Wheel Co. ("Richard-
son"), Waltham, Mass.

**4299—Employment Agencies (En-
gineers, Draftsmen & Other
High Grade Men)**

Cleveland Engineering Agency Co., Rose
bldg, Cleveland, O.

Efficient Service Co., Monadnock blk, Chi-
cago, Ill.

Engineering Agency, Monadnock blk, Chi-
cago, Ill.

Harrison H. H. & Co., Association bldg,
Chicago, Ill.

4300—Emulsifiers

Day J. H. Co., Cincinnati, O.

Stuart & Peterson Co., Burlington, N. J.

**4301—Enameled Ware Mfrs.
(Kitchen)**

American Specialty Stamping Co., Johns-
town, Pa.

American Stamping & Enameling Co., Bellaire, O.
 Baltimore Stamping & Enameling Co. ("Oriole" Gray Ware), 909 E Pratt, Baltimore, Md.
 Belmont Stamping & Enameling Co., New Phila., O.
 Canton Stamping & Enameling Co. (French Grey), Canton, O.
 Central Stamping Co., 174 Fulton, New York
 Cleveland Stamping & Tool Co. ("Lava," "Volcanic"), Cleveland, O.
 Columbian Enameling & Stamping Co. ("Turquoise," "Onyx"), Terre Haute, Ind.
 Coonley Mfg. Co. ("Roco" & "Clyde" Brands), Cicero, Ill.
 Crunden-Martin Mfg. Co. ("Spartan" Single Coated Gray), 2d & Gratiot, St. Louis, Mo.
 Dunlap John Co. ("Monogram," "Blue-Stone," "Janet"), Gregg, Pittsburgh, Pa.
 Federal Enameling & Stamping Co., McKees Rocks, Pa.
GEUDER, PAESCHKE & FREY CO. (Also Galvanized, Japanned & Tinned), Milwaukee, Wis.
See adv index at end of book
 Jewett Stamping & Enameling Co. ("Jewett" Blue Mottled, White Lined), Jewett, O.
 Lafayette Stamping & Enameling Co., West Lafayette, O.
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 Lisk Mfg. Co., Canandaigua, N. Y.
 Markt & Hammacher Co. (Swedish), 194 West, New York
 National Enameling & Stamping Co. ("Blue Ribbon"), 411 5th av, New York
 New England Enameling Co. ("Barnard," "New England" & "Quaker"), Middletown, Conn.
 Ohio Enamel Co., 1016 B'way, Cleveland, Ohio
 Porcelain Enameling Ass'n of America ("Polar-Brand"), Sheboygan, Wis.
 Reed Mfg. Co., Newark, N. Y.
 Republic Metalware Co., The, Buffalo, N. Y.
 Republic Stamping & Enameling Co. ("Old English" Gray Ware), Canton, O.
 Rothschild, Meyers & Co. (Imp.), 30 Irving pl, New York
 Strong Mfg. Co. ("Everglade," "Concord," "Oceanic"), Sebring, O.
 U. S. Stamping Co., Moundsville, W. Va.
 Vollrath Co. ("Vollrath" Enameled Steel & Cast Iron Wares), Sheboygan, Wis.

Enameled Ware Mfrs. (Plumbers')

See Bath Tubs, Lavatories, Sinks, etc

4302— Enamellers

See also Glass Enamellers

American Enamel Co. (Of Wood, Metal, etc), Providence, R. I.
 Baltimore Enamel & Novelty Co. (Metal Stove Parts, etc.), Woodall, Baltimore, Md.
 Beach Enameling Co., Coshocton, O.
 Bogert & Hopper (Fancy & Plain Wood), 67 Barclay, New York
 Brown Enamel Works, Fitchburg, Mass.
 Cleveland Metal Products Co., Ivanhoe rd & N. Y. C. R.R., Cleveland, O.
 Dick D. D. & Sons, 519 Cherry, Phila., Pa.
ELYRIA ENAMELED PRODUCTS CO. (Vitrous), Elyria, O.
See adv index at end of book
 Enamel Products Co. (Porcelain Iron), Cleveland, O.
 Estes E. B. & Sons (Fancy & Plain Wood), 358 5th av, New York
See adv index at end of book
 Fowler Lamp & Mfg. Co., 59 E 24th, Chicago, Ill.
 Franks Sani-Cover Supply Co. (Wood & Metal), Cambridge, Mass.
GEUDER, PAESCHKE & FREY CO. (Porcelain Ware, etc) (Job Work), Milwaukee, Wis.
See adv index at end of book
 Greenpoint Enameling Works, 300 Greenpoint av, Brooklyn, N. Y.
 Humphries Mfg. Co. (Porcelain Iron, for all Purposes), Mansfield, O.
 Impervious Metal Corp. (Sheet Steel), 421 Wood, Pittsburgh, Pa.
 Michigan Enameling Works (Porcelain), Kalamazoo, Mich.

Narragansett Machine Co. (Wood & Metal), Providence, R. I.
 Novelty Turning Co. (Wood), Norway, Me.
 S. & I. Co., Springfield, Mass.
 St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
 Snead & Co. Iron Works (Metal), 98 Pine, Jersey City, N. J.
See adv index at end of book
 Stiles H. A. & Co. (Fancy & Plain Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
 Sun Enamel Works (Fancy Wood Enameling & Japannings), Leominster, Mass.

4303— Enamels

Acme White Lead & Color Works, Detroit, Mich.
 Adams & Elting Co. ("Ad-el-ite" White & Tinted & Amel-ite-enamel Washable), 726 Washington blvd, Chicago, Ill.
 Akron Varnish Co. ("Peerless"), Akron, O.
 American Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.
 American Enamel Co., Providence, R. I.
 Arco Co., Euclid & E 65th, Cleveland, O.
 Armstrong Paint & Varnish Works ("Agate Kote"), 2502 S Paulina, Chicago, Ill.
 Baer Bros., 438 W 37th, New York
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.
 Berry Bros., Wight & Leib, Detroit, Mich.
 Bigelow Varnish Co. (White), 87 Oliver, Newark, N. J.
 Billings-Chapin Co. ("Billchaco"), Cleveland, O.
 Bird J. A. & W. & Co. ("Ripolin," "Imported"), 88 Pearl, Boston, Mass.
 Booth J. B. Co., 216 E Robinson, Pittsburgh, Pa.
 Boston Varnish Co. ("Kyanize" White), Everett Station, Boston, Mass.
 Bradley & Vrooman Co., 2632 S Dearborn, Chicago, Ill.
 Bridgeport Wood Finishing Co., New Milford, Conn.
 Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
 Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
 Cambria Paint & Color Co. Ltd., Johnstown, Pa.
 Cawley, Clarke & Co., 278 Passaic, Newark, N. J.
 Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
 Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
 Cooledge F. J. & Sons (English), Atlanta, Ga.
 Crown Varnish & Enamel Co., 2322 N Seeley av, Chicago, Ill.
 Davis H. B. Co., Keyser bldg, Baltimore, Md.
 Denny, Hilborn & Rosenbach, 230 N 12th, Phila., Pa.
 Eagle Paint & Varnish Co. (Sanitara White), N S, Pittsburgh, Pa.
 Ernecke & Salmstein Co. ("Ernsalin" Paint for Walls & Ceilings), 1509 N Halsted, Chicago, Ill.
 Felton, Sibley & Co., 136 N 4th, Phila., Pa.
 Flint Varnish & Color Works, Flint, Mich.
 Flood & Conklin Co. ("Vitrawite"), 132 Chestnut, Newark, N. J.
 Forest City Paint & Varnish Co. (All Kinds), 3334 Lakeside av, Cleveland, Ohio
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
 Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
 Gerstendorfer Bros. ("Sapolin"), 221 E 42nd, New York
 Glidden Varnish Co., 1755 W Madison av, Cleveland, O.
HARRISON'S, INC. ("Flowkote"), 35th & Grays Ferry rd, Phila., Pa.
 Hetzel J. G. (Est. of), 67 Maine, Newark, N. J.
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 Jenkins Paint & Oil Co. ("Merrimac"), Norfolk, Va.
 Lancaster Paint & Glass Co., Lancaster, Pa.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
 Leggett & Bro., 301 Pearl, New York
 Lincoln Paint & Color Co. ("Lancaster" & "Paragon"), Lincoln, Neb.
 Lloyd W. H. S. Co. (Imp), "Paripan," 105 W 40th, New York

Lucas John & Co. ("Lucaseal," Outside & Inside), 322 Race, Phila., Pa.
 Mayer & Loewenstein, 164 Water, New York
 Miller & Graham, 21 S Gay, Baltimore, Md.
 Moore Benjamin & Co., 231 Front, Brooklyn, N. Y.
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.
 Newark Varnish Works ("White Copal"), 111 Delancey, Newark, N. J.
NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book
 Northwestern Chemical Co. ("Brass Kote," "Never Burn"), Marietta, O.
 Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
 Ohio Paint & Stain Co. ("Standard," Liquid for Tin & Iron Rod, etc), Findlay, O.
 Parker Chas. H. Co. (Wire Fence), Valparaiso, Ind.
 Patterson-Sargent Co., Cleveland, O.
 Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.
 Phoenix Paint & Varnish Co. (Marbleite), 124 Market, Phila., Pa.
 Pratt & Lambert ("Vitrallite," White), Buffalo, N. Y.
 Remien & Kuhnert Co., 63 W Grand av, Chicago, Ill.
 Richmond Bros., 117 E 6th, Cincinnati, O.
 Rinald Bros. (Porcelain, etc), 1142 N Hancock, Phila., Pa.
 Schlegel Oscar Mfg. Co., 111 E 12th, New York
 Smith Edw. & Co. ("Esco," "Rex," "Matte," "White"), 127 West av, Long Island City, N. Y.
 Standard Varnish Works ("Satinette" White), 2589 Richmond ter, Elm Park, N. Y.
 Thompson Thos. C. (Vitrifiable for Use on Copper & Iron), Wilmette, Ill.
THOMSON WOOD FINISHING CO., 827 N 3rd, Phila., Pa.
See adv index at end of book
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
 Toch Bros., 320 5th av, New York
 United Varnish Company, 300 Hancock, Long Island City, N. Y.
 U. S. Gutta Percha Paint Co. ("Chinaline" for Interior Finish), 12-30 Dudley, Providence, R. I.
 Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
 Waterall Wm. & Co., Front & Mechanic, Phila., Pa.
 Whitehead Paint Co., 1 Madison av, New York
 Wilhelm A. Co. ("Royaluxe"), Reading, Pa.
 Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

4304— Enamels (Air Drying)

Arnstein Eugene, 45 W 26th, Chicago, Ill.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.
 Hall-Thompson Co. ("Jet-Lac"), Hartford, Conn.
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 Lawrence W. W. & Co. (Engine Enamel, etc.), W Carson, Pittsburgh, Pa.
 Lincoln Paint & Color Co., Lincoln, Neb.
 Lucas John & Co., 322 Race, Phila., Pa.
 Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
 Nice Eugene E., 272 So. 2nd, Phila., Pa.
See adv index at end of book
 Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
 Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
 Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.
 Pratt & Lambert Inc., Buffalo, N. Y.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
 Sherwin-Williams Co., Cleveland, O.
 Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
 Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

Enamels (Aluminum)

See Paints, Aluminum & Gold

4305—Enamels (Architectural)

Atlas Paint Co. ("A. P." White), Nashville, Tenn.
 Chicago Varnish Co. ("Enamelite" White), 2100 Elston av, Chicago, Ill.
 Lucas John & Co., 322 Race, Phila., Pa.
 Murphy Varnish Co. (Exterior & Interior White, etc), McWhorter, Newark, N. J.
NICE EUGENE E., 272 So 2nd, Phila., Pa.
See adv index at end of book
 Valentine & Co. ("Lawson" Exterior & Interior White, etc), 456 4th av, New York
 Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4306— Enamels (Baking)

Akron Varnish Co., Akron, O.
 American Enamel Co., Providence, R. I.
 American Graphite Co., Cleveland, O.
 Arnstein Eugene, 45 W 26th, Chicago, Ill.
 Benoit Constant A. ("Permatex"), Sheepshead Bay, N. Y.
 Boston Varnish Co. ("Black Dazzle"), Everett Station, Boston, Mass.
 Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
 Chase Roberts & Co. ("Kismet" & "Ozone"), West av, Long Island City, N. Y.
 Clement Coverall Co., Camden, N. J.
 Condensite Co. of America ("Technical"), Bloomfield, N. J.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Essex Varnish Co., 84 Vesey, Newark, N. J.
 Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
 Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.
 French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
 General Bakelite Co. ("Bakelite"), 2 Rector, New York
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 McDougall Varnish Co., 1317 Elk, Buffalo, N. Y.
 Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
 Mets P. A. Paint Co. ("Besco" & "True"), 769 Clinton, Buffalo, N. Y.
 Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
 Murphy Varnish Co., McWhorter, Newark, N. J.
 Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
 Nubian Paint & Varnish Co., 1856 Le Claire av, Chicago, Ill.
 Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.
 Pecora Paint Co., 4th & P & R R R, Phila., Pa.
 Pratt & Lambert Inc., Buffalo, N. Y.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
 Sherwin-Williams Co., Cleveland, O.
 Standard Varnish Works, 90 West, New York
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
 Valentine & Co., 456 4th av, New York
 Wadsworth Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
 Wilhelm A. Co., Reading, Pa.

4307— Enamels (Bath Tub)

Acme White Lead & Color Works, Detroit, Mich.
 Arnstein Eugene, 45 W 26th, Chicago, Ill.
 Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
 Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
 Burdsal A. Co. (Interior Finishing Mill Whites), Factory: Indianapolis, Ind.
 Calman Emil & Co. ("Enamolin," White), 100 William, New York
 Davis H. B. Co., Keyser bldg., Baltimore, Md.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Ernecke & Salmstein Co., 1509 N Halsted, Chicago, Ill.

French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
 Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York
 Globe Varnish Co. ("Edgar's"), 6125 Butler, Pittsburgh, Pa.
 Harrisons, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Lawrence W. W. & Co. ("Lawrence," "To Kay"), W Carson, Pittsburgh, Pa.
 Lincoln Paint & Color Co., Lincoln, Neb.
 Lucas John & Co., 322 Race, Phila., Pa.
 Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
 Miller & Graham, 21 S Gay, Baltimore, Md.
 Moser Chas. Co., Cincinnati, O.
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
 Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
 Pecora Paint Co., 4th & P. & R. R.R., Phila., Pa.
 Pratt & Lambert (Inc.), ("Vitrallite"), Buffalo, N. Y.
 Richmond Bros., 117 E 6th, Cincinnati, O.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
 St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
 Sherwin-Williams Co., Cleveland, O.
 Smith Edw. & Co., 127 W av, Long Island City, N. Y.
THOMSON WOOD FINISHING CO., 827 N 3rd, Phila., Pa.
See adv index at end of book
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
 Wilhelm A. Co., Reading, Pa.

4308— Enamels (Brewers')

American Bitumastic Enamel Co., 17 Battery pl, New York & 322 S Delaware av, Phila., Pa.
 French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
 Hamrick Tank & Barrel Hard Shell Enameling Co., 5831 Wissahickon av., Phila., Pa.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
 Lucas John & Co., 322 Race, Phila., Pa.
 Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
 Nubian Paint & Varnish Co., 1856 Le Claire av, Chicago, Ill.
 Pecora Paint Co., 4th & P. & R. R.R., Phila., Pa.
 Pratt & Lambert, Buffalo, N. Y.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
See adv index at end of book
 Sherwin-Williams Co., Cleveland, O.
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
 Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.
 Wilhelm A. Co., Reading, Pa.

4309— Enamels (Flat)

Chicago Varnish Co. ("Eggshell-White"), 2100 Elston av, Chicago, Ill.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
 Wadsworth, Howland Co. ("Bay State"), 141 Federal, Boston, Mass.

Enamels (Gold)

See Paints, Aluminum & Gold

4310— Enamels (Iron)

See Enamels, Baking; Enamels, Stove Pipe; Paints for Coating & Preserving Iron & Steel

4311—Enamels (Locomotive, Truck & Car)

Lucas John & Co., 322 Race, Phila., Pa.
 Murphy Varnish Co., McWhorter, Newark, N. J.
 Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
 St. Louis Surfact & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

4312— Enamels (Porcelain)

Rinald Bros., 1142 N Hancock, Phila., Pa.

4312a—*Enamels (Pyroxylin, Wood & Metal)

DU PONT CHEMICAL WORKS ("Pyralin," Cellulose, Spraying & Air-Drying), 120 B'way, New York

4313— Enamels (Radiator)

American Enamel Co., Providence, R. I.
 Arnstein Eugene, 45 W 26th, Chicago, Ill.
 Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
 Davis H. B. Co., Keyser bldg, Baltimore, Md.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.
 Gerstendorfer Bros., 221 E 42d, New York
 Harrisons, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
 Lucas John & Co., 322 Race, Phila., Pa.
 Moser Chas. Co., Cincinnati, O.
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
 Nice Eugene E., 272 So 2nd, Phila., Pa.
See adv index at end of book
 Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
 O'Brien Varnish Co., South Bend, Ind.
 Pecora Paint Co., 4th & P. & R. R.R., Phila., Pa.
 Pratt & Lambert (Inc.), Buffalo, N. Y.
 Richmond Bros., 117 E 6th, Cincinnati, O.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
 St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
 Sherwin-Williams Co., Cleveland, O.
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
 Wilhelm A. Co., Reading, Pa.

4314—Enamels (Storage Battery)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 Lucas John & Co., 322 Race, Phila., Pa.
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
 Sherwin-Williams Co. ("S-W." Insulating), Cleveland, O.
 Sonneborn L. Sons, 262 Pearl, New York

4315— Enamels (Stove Pipe)

American Enamel Co., Providence, R. I.
 Black Silk Stove Polish Works, Sterling, Ill.
 Boston Varnish Co., Everett Station, Boston, Mass.
 Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
 Cambria Paint & Color Co. (Ltd.) ("Black Boy"), Johnstown, Pa.
 Chicago Wood Finishing Co. ("Elston"), 1309 Sloan, Chicago, Ill.
 Crosby & Co. ("6-5-4"), Detroit, Mich.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Gerstendorfer Bros., 221 E 42d, New York
 Glidden Varnish Co. (Protective Black), 1755 W Madison, Cleveland, O.
 Harrisons, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
 Lincoln Paint & Color Co., Lincoln, Neb.
 Lucas John & Co., 322 Race, Phila., Pa.
 Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
 Moser Chas. Co., Cincinnati, O.
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
 Nubian Paint & Varnish Co. ("Bonnell's" "English"), 1856 Leclair av, Chicago, Ill.
 Patton Paint Co., Milwaukee, Wis.
 Prince Jas. H. Paint Co., 5 Lancaster, Boston, Mass.
 Rath Mfg. Co. ("Pipe Dream"), Hedley E of Richmond, Phila., Pa.
 Richmond Bros., 117 E 6th, Cincinnati, O.
 Rinald Bros., 1142 N Hancock, Phila., Pa.
 Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
 Sherwin-Williams Co., Cleveland, O.
 Thurston F. W. Co. ("Elston"), 1832 S Clark, Chicago, Ill.
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
 Wilhelm A. Co., Reading, Pa.

4316—Enamels (Window Screen)

Gerstendorfer Bros. ("Sapolin") 221 E 42d, New York
 Harrison's, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
 Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
 Moser Chas. Co., Cincinnati, O.
 Nice Eugene E. 272 S 2d, Phila., Pa.
See adv index at end of book
 Richmond Bros., 117 E 6th, Cincinnati, O.
 Wadsworth, Howland & Co. ("Bay State") 141 Federal, Boston, Mass.

4317—Encasing (Lead Cable)

Robertson John & Co., 133 Water, Brooklyn, N. Y.

4318—*End Flights

LINK-BELT CO. ("Drummond" for Screw Conveyors), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4319—Ends (Bolt)

American Equipment Co., Norristown, Pa.
 Bayonne Bolt & Nut Co., Bayonne, N. J.
 Bethlehem Steel Co., So. Bethlehem, Pa.
 Cambria Steel Co., Widener bldg, Phila., Pa.
 Clark Bros. Bolt Co., Milldale, Conn.
See adv index at end of book
 Columbus Bolt Works Co., Columbus, O.
 Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.
 Gary Screw & Bolt Co., Gary, Ind.
 Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.
 Haskell Wm. H. Mfg. Co., Pawtucket, R.I.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Kirk-Latty Mfg. Co., Cleveland, O.
 Lake Erie Iron Co., Cleveland, O.
 Lamson & Sessions Co., Cleveland, O.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Michigan Bolt & Nut Works, Detroit, Mich.
 Milton Mfg. Co., Milton, Pa.
 National Bolt & Nut Co., Pittsburgh, Pa.
 New England Bolt Co., Everett, Mass.
 Old Dominion Iron & Nail Works Co., Richmond, Va.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.
 Republic Iron & Steel Co., Youngstown, O.
 Reynolds James Mfg. Co., New Haven, Conn.
 Rhode Island Tool Co. (With Square Nut), Providence, R. I.
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 Carpenter Franklin R. & Sons, Denver, Col.
 Constant C. L. Co. (Consulting), 42 New, New York
 Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.
 Dorr Co. (Specialty, Cyandiation), Denver, Col.
 Dwight Arthur S., 29 Bway, New York.
 Falkenburg & Laucks, Seattle, Wash.
 Gulick-Henderson Co., 21 Park Row, New York, & 431 S Dearborn, Chicago, Ill.
 Hall John Howe (Consulting), 395 B'way, New York
 Hanson Henry, Hobart bldg., San Francisco, Cal.
 Hollis H. L., 1228 Michigan, Chicago, Ill.
 Kirby Edmund B., Security bldg, St. Louis, Mo.
 Knox & Allen (Consulting), 82 Beaver, New York
 Lloyd R. L., 29 B'way, New York.
 Long Fred H. (Consulting), 29 S La Salle, Chicago, Ill.
 Merrill Metallurgical Co., 121 2d, San Francisco, Cal.
 Nicholls Ralph, Gilmore City, Ia.
 Olcott & Corning, 36 Wall, New York
 Oliver Edwin L., 503 Market, San Francisco, Cal.
 Packard Geo. A., 50 Congress, Boston, Mass.

Peters Edw. D., 38 Percival, Boston, Mass.
 Ricketts & Co., 80 Maiden la, New York
 St. Louis Sampling & Testing Works, 713 Clark av, St. Louis, Mo.
 Sauveur & Boylston (Metallurgy of Iron & Steel), Cambridge, Mass.
 Schmatolla Ernst, 150 Nassau, New York
 Simmonds E. H., Crocker bldg., San Francisco, Cal.
 Souther Henry Eng. Corp. (Consulting), Hartford, Conn.
 Spilsbury E. Gylbon Engineering Co. (Consulting), 45 B'way, New York
 Tropenas Converter Co. (Consulting), 50 Church, New York
 Wilson Elwood J., Goldfield, Nev.

4343—Engineers (Mill)

See also Architects & Engineers for Paper Mills

American Machine & Mfg. Co., Greenville, S. C.
 Baxter A. E. Engineering & Appraisal Co. (Flour & Cereal Mill Const.), Buffalo, N. Y.
 Bigelow Wm. Co., Biddleford, Me.
 Brown John G., Witherspoon bldg, Phila., Pa.
 Buss Edw. A., 85 Water, Boston, Mass.
 Carey James L., 208 N Laramie av, Chicago, Ill.
 Chapman C. A., 28 Jackson Blvd, E, Chicago, Ill.
 Coolidge Roger E., Southbridge, Mass.
 Dean F. W., 53 State, Boston, Mass.
 Dyer W. E. S., Land Title bldg, Phila., Pa.
 Emory & Eisenbrey, Harrison bldg, Phila., Pa.
 Ferguson Hardy S. (Consulting), 200 5th Ave., New York.
 Fletcher Thompson, Inc., Bridgeport, Conn.
 Frenier Maxime O., 583 Main, Springfield, Mass.
 Gray Arthur F., 53 State, Boston, Mass.
 Griffin Chas., 121 S Walker, Lowell, Mass.
 Hardy Geo. F. (Paper Mills, etc), 309 B'way, New York
 Hearne-Bocian, Springfield, Mass.
 Howland-Kirk Co., 20 Broad, New York
 Jones E. D. & Sons Co., Pittsfield, Mass.
 Kimball F. J. Co., 842 Traction, Los Angeles, Cal.
 Kimball Herbert S. (Rubber & Paper Mills, etc), 111 Devonshire, Boston, Mass.
 Kitfield Edw. H., 201 Devonshire, Boston, Mass.
 Lockwood, Greene & Co., 60 Federal, Boston, Mass.
 McIntosh Samuel Frazer, Turks Head bldg., Providence, R. I.
 Main C. T., 201 Devonshire, Boston, Mass.
 Makepeace C. R. & Co., 429 Butler Exch., Providence, R. I.
 Mortensen & Co., 405 Lexington av, New York
 Moulton Engineering Corp. (Paper & Pulp), 120 Exchange, Portland, Me.
 Newhall Geo. M. Engineering Co. (Ltd). (Paper & Pulp Mills, Sugar Refineries, Cement Plants, etc), Commercial Tr. bldg, Phila., Pa., & 149 B'way New York
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Osborn Engineering Co., Engineers bldg, Cleveland, O.
 Peuckert & Wunder, 310 Chestnut, Phila., Pa.
 Potter Alexander, 50 Church, New York
 Praray Chas. W., Times bldg., New Bedford, Mass.
 Richmond Knight C., 10 Weybosset, Providence, R. I.
 Sawyer Edw. G. Co., 12 Providence court, Boston, Mass.
 Seabury Dwight, 12 East av, Pawtucket, R. I.
 Sellers Philip, 207 Orange, New Haven, Conn.
 Sheldon Frank P. & Sons, 49 Westminster, Providence, R. I.
 Simons V. D., 39 S La Salle, Chicago, Ill.
 Sitrine J. E. Greenville, S. C.
 Smith & Henson, 10th & Westmoreland, Phila., Pa.
 Snow S. M., 55 Kilby, Boston, Mass.
Spackman Henry S. Engineering Co., 2024 Arch, Phila., Pa.
 Spratt A. D., East Corinth, Me.
 Stebbings W. L. (Consulting), Monadnock blk, Chicago, Ill.

Stebbins Engineering & Mfg. Co., Watertown, N. Y.
 Tracy Engineering Co., Sheldon bldg, San Francisco, Cal.
 Wallace Jos. H. & Co., 5 Beekman, New York
 Whipple Eugene B., 17 Exchange, Providence, R. I.
 Wolf Otto C. (& Brewery), Deuckla bldg, Phila., Pa.
 Zirolli O. C. S., 306 Main, Worcester, Mass.

4344—Engineers (Modernizing)

American Rotary Pump Co. (Power Transmission), 67 Hampden, Boston, Mass.
 Bierbaum-Dollar, Inc., Buffalo, N. Y.
 Day & Zimmerman. (Of Power & Manufacturing Plants), 611 Chestnut, Phila., Pa.
 Green Samuel M. Co., Inc., Springfield, Mass.
 Knowles Morris, Oliver bldg, Pittsburgh, Pa.
 Waldron F. A., 37 Wall, New York

4345—Engineers (Pipe Mill)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

4345a—*Engineers (Radio)

Cutting & Washington, Inc., 26 Portland, Cambridge, Mass.
 See adv index at end of book

4346—Engineers (Refrigeration)

Armstrong Machinery Co., Spokane, Wash.
 Cooper Madison Co. ("Cooper" System), Calcium, N. Y.
 Hastings Industrial Co., 326 W Madison, Chicago, Ill.
 Hettinger C. F. & Co., Boston, Mass.
 Howland-Kirk Co., 20 Broad, New York
 Jarvis Engineering Co., 261 Franklin, Boston, Mass.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Tait & Nordmeyer Eng. Co., International Life bldg, St. Louis, Mo.

Engineers (Reinforced Concrete)

See Concrete Steel Construction, Reinforced

4346a—*Engineers (Rock Products)

SCHAFER ENGINEERING & EQUIPMENT CO., The, Tiffin, O.
 See adv index at end of book

Engines

NOTE—In order to avoid duplications when addressing Engine Mfrs., address "Engines (Automobile)," "Engines (Steam)" and "Engines (Gas & Gasoline)" only, as all other Engine Lists are duplications of the above.

Engines (Aerial Navigation)

See Engines, Airplane.

Engines (Aeroplane)

See Engines, Airplane.

Engines (Air)

See Engines, Compressed Air

4347—Engines (Airplane)

Adams Co., Dubuque, Ia.
 Aeromarine Plane & Motor Co., Times bldg., New York.
 Aero-Motion Co. of America, Wright bldg, St. Louis, Mo.
 Ashmussen Mfg. Co., 266 Pearl, Providence, R. I.
 Burgess Co., Marblehead, Mass.
 Burgess W. Starling Co. (Ltd.), Marblehead, Mass.
 Cleveland Aero Motor Co., Cleveland, O.
 Curtiss Aeroplane & Motor Co., ft. of Churchill, Buffalo, N. Y.
 Duesenberg Motors Corp., Detroit, Mich.
 Frederickson Patents Co., 2231 Prairie, Chicago, Ill.
 General Vehicle Co. (G. V. Gnome), Long Island City, N. Y.
 Gyro Motor Co., 744 Girard, N W, Washington, D. C.

Hall-Scott Motor Co., Inc. (Type 6-7a 100 H. P.) Crocker bldg., San Francisco, Cal.
 Harriman Aircraft Motors Corp., So. Glastonbury, Conn.
 Hercules Motor Mfg. Co., Canton, Ohio
 Hettinger Engine Co., Bridgeton, N. J.
 Kemp Machine Works, Muncie, Ind.
 Knox Motors Co., Springfield, Mass.
 Maximotor Co., 1530 Jefferson Ave. E, Detroit, Mich.
 Nichols & Wright Motor Co., Buffalo, N. Y.
 Ordnance Engng. Corp., Equitable bldg., New York.
 Orlo Motor Co., Ltd., 52 Wall, New York.
 Packard Motor Car Co., Detroit, Mich.
 Roberts Motor Mfg. Co., Sandusky, O.
 Schmitt M. Aeroplane & Motor Wks., Paterson, N. J.
 Sloane Mfg. Co., 1737 B'way, New York.
STURTEVANT B. F. CO., (Sturtevant") 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Thomas-Morse Aircraft Corp., Ithaca, N. Y.
 Trego Motors Corp., New Haven, Conn.
 United Eastern Aeroplane Corp., 1251 De Kalb Av., Brooklyn, N. Y.
 Wisconsin Motor Mfg. Co., Milwaukee, Wis.
 Wright-Martin Aircraft Corp., 60 B'way, New York.

4348— Engines (Alcohol)

Challenge Co., Batavia, Ill.
 Charter Gas Engine Co., Sterling, Ill.
 Detroit Engine Works (2 to 20 H. P.), Detroit, Mich.
 Detroit Motor Car Supply Co. ("Sandow" 2 to 20 H. P.), Detroit, Mich.
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Mogul-Titan), 702 Harvester bldg, Chicago, Ill.
See adv index & branch offices at end of book
 Lauson-Lawton Co., De Pere, Wis.
 Middletown Machine Co., Middletown, O.
 New Way Motor Co. ("New Way" Air Cooled), Lansing, Mich.
 Otto Gas Engine Works, 33rd & Walnut, Phila., Pa.
 Worthington Pump & Machy. Corp., 115 B'way, New York

Engines (Artesian Well)

See Pumps, Artesian Well

Engines (Automatic)

See Engines, Steam, with the word "Automatic," etc, following Name

4349— Engines (Automobile)

American & British Mfg. Co., Charles, Providence, R. I.
 Aurora Automatic Machinery Co. ("Capitol," Gasoline), 1307 E. Michigan Av., Chicago, Ill.
 Auto Engine Works (Gasoline), University & Griggs, St. Paul, Minn.
 Bay State Motor Works (Gasoline), Holyoke, Mass.
 Beaver Mfg. Co. ("Beaver," Gasoline), 1st & Oklahoma av, Milwaukee, Wis.
 Boss Knitting Machine Works (Steam), Reading, Pa.
 Brennan Motor Mfg. Co. (Gasoline), Syracuse, N. Y.
 Buffalo Gasoline Motor Co., Buffalo, N. Y.
 Chadwick Engineering Works ("Chadwick," Gasoline), Pottstown, Pa.
 Clark Edw. S. (Steam), Boston, Mass.
 Clinton Walter R., West Haven, Conn.
 Continental Motor Mfg. Co. (Gas), Muskegon, Mich.
 Cushman Motor Works (For Railways), Lincoln, Neb.
 Davis Mfg. Co., Milwaukee, Wis.
 Driggs Mfg. Corp., New Haven, Conn.
 Falls Motors Corp., Sheboygan Falls, Wis.
 Ferro Machine & Foundry Co. (8 & 12 cyl. V type), E 66th & Hubbard av, Cleveland, O.
 Forsyth W. & Sons Co. (Gasoline), Lynn, Mass.
 Gemmer Mfg. Co., Detroit, Mich.
 Hatcher Auto Parts Co. (Gasoline), Cleveland, O.
 Hercules Motor Mfg. Co., Canton, O.
 Herschell-Spillman (Gasoline), N. Tona-wanda, N. Y.
 Hoosier Motor Co., Goshen, Ind.

Hubbard Motor Co., Middletown, Conn.
 Lamson E. F. (Gasoline), Abington, Mass.
 Lycoming Foundry & Machine Co. ("Lycoming" Gasoline), Williamsport, Pa.
 Mitchell Motors Co., Inc., ("Mitchell" Gasoline), Racine, Wis.
 Neustadt Auto & Supply Co. (Gasoline & Steam), 3200 Locust, St. Louis, Mo.
 Nichols & Wright Motor Co., Buffalo, N. Y.
 Northway Motor & Mfg. Co. (Gasoline), Detroit, Mich.
 Ofeldt F. W. & Sons (Steam), Nyack, N. Y.
 Port Huron Construction Co., Port Huron, Mich.
 Reeves Pulley Co. (Gasoline), Columbus, Ind.
 Roberts Motor Co., Sandusky, O.
 Rochester Motor Co. (Gasoline, 20 to 75 Rutenber Motor Co. ("Rutenber" Gasoline), Marion, Ind.
 Sandusky Foundry & Machine Co. (Gas & Gasoline), Sandusky, O.
 Schlosser Mfg. Co., 151 E 126th, New York
 Seitz F. A. Co. (Gasoline), Newark, N. J.
 Universal Machinery Co., 784 30th, Milwaukee, Wis.
 Waukesha Motor Co. (Auto Motors), Waukesha, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4350— Engines (Beating)

Clark H. C. & Son Machine Co., Lee, Mass.
 Dillon Machine Co., Lawrence, Mass.
 Dilts Machine Works, Inc., Fulton, N. Y.
 Downington Mfg. Co., East Downington, Pa.
 Emerson Mfg. Co. ("Emerson"), Lawrence, Mass.
 Holyoke Mach. Co., Holyoke, Mass.
 Horne J. H. & Sons Co., Lawrence, Mass.
 Jones E. D. & Sons Co., Pittsfield, Mass.
 McKim Foundry & Machine Co. (Miniature for Laboratories, Chemists, etc), Lockport, N. Y.
 Mills Machine Co., Lawrence, Mass.
 Noble & Wood Machine Co., Hoosick Falls, N. Y.
 Valley Iron Works Co., Appleton, Wis.

4351— Engines (Blowing)

ALLIS-CHALMERS MFG. CO. ("Allis," Horizontal or Vertical), Milwaukee, Wis. *See adv index at end of book*
 American Ship Building Co., Cleveland, O.
 Bruce-Macbeth Engine Co., Cleveland, O.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
 Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*
 Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
 Mackintosh, Hemphill & Co. (Horizontal & Vertical, Compound or Simple), Pittsburgh, Pa.
 Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*
 Morris I. P. Co., Beach & Ball, Phila., Pa.
 National Foundry & Mach. Co., Louisville, Ky.
 Neumeyer & Dimond ("Demag", Imp.), 82 Beaver, New York
 Nordberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.
 Perrin Wm. R. & Co. (Direct Acting), Old Colony bldg, Chicago, Ill.
 Pratt Engineering & Machine Co., Atlanta, Ga.
 Tod Wm. Co., Youngstown, O.
 Welmer Machine Works Co. (High Pressure), Lebanon, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
 Worthington Pump & Machy. Corp., 115 B'way, New York

4352—*Engines (Bridge Erecting)

See also Engines, Hoisting
 Byers Jno. F. Machine Co., 242 So. Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

4353— *Engines (Cableway)

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*

Engines (Chemical)

See Fire Engines, Chemical; also Fire Extinguishers

4354— Engines (Churn Drill)

CLYDE IRON WORKS ("Misaba," Reversible), Duluth, Minn.
See adv index at end of book

Engines (Churn Drill)
"Misaba" Reversible
 MANUFACTURED BY
CLYDE IRON WORKS
 DULUTH, MINN.

Lake Shore Engine Works, Marquette, Mich.
 National Iron Co. ("Evered"), Duluth, Minn.

4355— Engines (Compound)

ALLIS-CHALMERS MFG. CO. ("Allis," Horizontal or Vertical Tandem & Cross), Milwaukee, Wis.
See adv index at end of book
 Buckeye Engine Co., Salem, O.
 Cooper C. & G. Co., Mt. Vernon, O.
ELLICOTT MACHINE CORP. (& Triple Expansion), Bush & Severn, Baltimore, Md. *See adv index at end of book*
 Erie City Iron Works (4-Valve Tandem & Cross), Erie, Pa.
 Fitchburg Steam Engine Co., Fitchburg, Mass.
 Harrisburg Foundry & Machine Works (Single Cylinder, as well as Tandem & Cross Compound), Harrisburg, Pa.
HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*
 Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
 Mackintosh-Hemphill & Co. (Cross Compound, Tandem, Rolling Mill, etc.), Pittsburgh, Pa.
 Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*
 Morris Machine Works (8 to 1000 H. P.), Baldwinsville, N. Y.
 Murray Iron Works Co., Burlington, Ia.
 Nagle Corliss Engine Works, Erie, Pa.
 Rumley M. Co. ("Advance"), La Porte, Ind.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
 Wiener Machinery Co., 56 Church, New York.

4356-7-8—Engines (Compressed Air)

See also Compressors, Air
 Dake Engine Co., Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
 Gardner Governor Co., 14 Williamson, Quincy, Ill.
 Ingersoll-Rand Co. (For Cranes), 11 B'way, New York
See adv index at end of book
 Quincy Engine Co., Chambersburg, Pa.

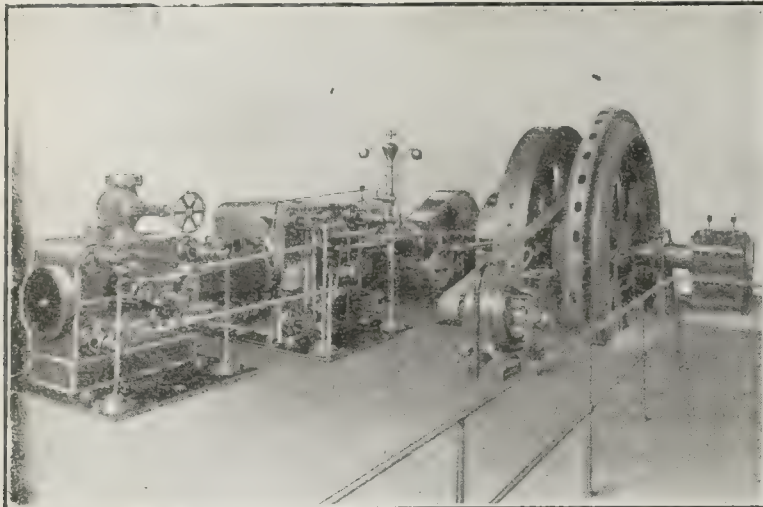
4359— Engines (Corliss)

ALABAMA.

BIRMINGHAM—Birmingham Machine & dry Co.
 Hardie, Tynes Mfg. Co. (50 to 5000 H. P.)

CALIFORNIA.

SAN FRANCISCO—Golden State & Miners' Iron Works, 249 1st
 Hendy Joshua Iron Works, 75 Fremont
 Union Iron Works Co. (100 to 3000 H. P.), 20th & Michigan



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THE HOOVEN, OWENS, RENTSCHLER CO.
HAMILTON, OHIO, U. S. A.

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BRIDGEPORT—American & British Mfg. Co.
NEW HAVEN—Twiss Nelson W.

DELAWARE.

WILMINGTON—Remington Machine Co.,
411 E Front

ILLINOIS.

CHICAGO—ALLIS-CHALMERS MFG. CO.
("Reynolds Corliss"), Peoples Gas bldg. *See adv index at end of book*
American Brake Shoe & Fdry Co., 332 S Michigan av
JOLIET—Bates Machine Co. (50 to 5000 H. P.)
MATTOON—Chuse Engine & Mfg. Co.
("Chuse" Non-Releasing 75 to 1200 H. P.)

INDIANA.

FORT WAYNE—Brass Foundry & Machine Co. (30 to 3000 H. P.)

IOWA.

BURLINGTON—Murray Iron Works Co.

KANSAS.

KANSAS CITY—Strait H. N. Mfg. Co.

MASSACHUSETTS.

FITCHBURG—Fitchburg Steam Engine Co.

MICHIGAN.

MARQUETTE—Lake Shore Engine Works
(Stationary & Hoisting)
SAGINAW—Bartlett A. F. & Co. (50 to 1000 H. P.)

MISSOURI.

ST. LOUIS—St. Louis Iron & Machine Works (Single, Tandem & Cross Compound, Heavy Duty & Girder Frame, 50 to 3000 H. P.), 126 Chouteau av

NEW JERSEY.

HOBOKEN—Consolidated Iron Works
NEWARK—Hewes & Phillips Iron Works,
8 Orange (50 to 2000 H. P.)
Watts-Campbell Co., 298 Ogden (40 to 1000 H. P.)
TRENTON—CROSSLEY MACHINE CO.,
State & Chestnut av
See adv index at end of book

NEW YORK.

CATSKILL—Catskill Foundry & Machine Co.
NEW YORK—ALBERGER PUMP & CONDENSER CO., 140 Cedar, Works:
Newburgh, N. Y.
ALLIS-CHALMERS MFG. CO. ("Reynolds Corliss"), 30 Church
See adv index at end of book

TROY—Knowlson & Kelley (40 to 2000 H. P.)
OLEAN—Clark Brothers Co. (High Speed)

OHIO.

CINCINNATI—Lane & Bodley Co. (50 to 5000 H. P.), Tenn av & Paddock rd
HAMILTON—HOOVEN OWENS, RENTSCHLER CO. ("Hamilton," 30 to 10,000 H. P.)
See adv index at end of book
MASSILON—Russell & Co.
MT. VERNON—Cooper C. & G. Co. (150 to 10000 H. P., Heavy Duty)
YOUNGSTOWN—Tod Wm. Co. (1000 H. P. up)
ZANESVILLE—Griffith & Wedge Co.
("Ohio")

PENNSYLVANIA.

CHESTER—Wetherill Robt. & Co. (25 to 2000 H. P.)
ERIE—Ball Engine Co. (Horizontal & Vertical, 300 to 1200 H. P.)
Nagle Corliss Engine Wks (17 to 2000 H. P.)
HARRISBURG—Harrisburg Foundry & Machine Works ("Fleming," 4-Valve Automatic)
PITTSBURGH—Mackintosh, Hemphill & Co. (Rolling Mill)

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RIDGWAY—Ridgway Dynamo & Engine Co.
SCOTSDALE—Scottdale Machine & Mfg. Co.
WAYNESBORO—Frick Co. ("Eclipse")

RHODE ISLAND.

PROVIDENCE—American & British Mfg. Co., Charles
Harris-Corliss Engine & Machine Co.
(Cross & Compound Condensing & Triple Expansion, etc), Park
Providence Engineering Works ("Rice & Sargent"), 521 So Main

TENNESSEE.

JACKSON—Southern Engine & Boiler Works

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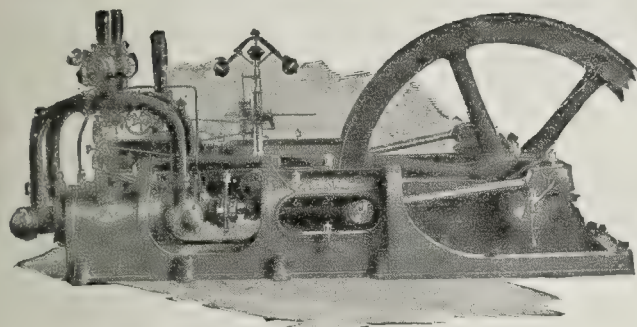
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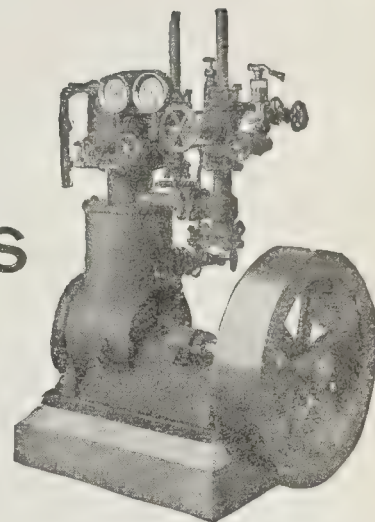
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WISCONSIN.

MILWAUKEE—ALLIS-CHALMERS MFG. CO. ("Reynolds-Corliss")

See adv index at end of book

Filer & Stowell Co. (Heavy Duty)

Nordberg Mfg. Co.

VILTER MFG. CO. (30 to 1000 H. P.),

1046 Clinton

See adv index at end of book

Engines (Deck)

See Hoists, Dock & Deck

4360—Engines (Dental)

Butler-Edwards Electric Co., Easton, Pa.

Ritter Dental Mfg. Co. ("Columbia" Elec-

tric), Rochester, N. Y.

Shelton Electric Co., 30 E 42d, New York

White S. S. Dental Mfg. Co., 12th & Chest-

nut, Phila., Pa.

4361—Engines (Direct Connected & Belted)

See also Generators, Electric Light; also Generators, Power

ALLIS-CHALMERS MFG. CO., ("Allis"), Milwaukee, Wis.

See adv index at end of book

Buckeye Engine Co. (Gas or Steam), Salem, O.

HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O.

See adv index at end of book

Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

WESTINGHOUSE ELECTRIC & MFG. CO., THE, East Pittsburgh, Pa.

See adv index at end of book

Wiener Machinery Co., 56 Church, New York.

4362—Engines (Distillate)

Alamo Mfg. Co., Hillsdale, Mich.

American Gas Engine Co., ("Weber" 2-400 H. P.), Kansas City, Mo.

Armstrong Mfg. Co., Waterloo, Ia.

Bauer Machine Works Co., Kansas City, Mo.

Charter Gas Engine Co., Sterling, Ill.

Detroit Motor Car Supply Co., Detroit, Mich.

Doak Gas Engine Co., Oakland, Cal.

Ellis Engine Co. ("Ellis" 3 to 12 H. P.), 2843 E Grand Blvd, Detroit, Mich.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Faultless Engine Co., Kansas City, Mo.

Foos Gas Engine Co., 800 Monroe, Springfield, O.

Fuller & Johnson Mfg. Co., Madison, Wis.

Hope Forge & Machine Co. ("Reeves"), Mount Vernon, O.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Mogul-Titan), 702 Harvester bldg, Chicago, Ill.

See adv index at end of book

Lauson-Lawton Co., De Pere, Wis.

Middletown Machine Co., Middletown, O.

Muncie Oil Engine Co., Muncie, Ind.

National Steam Pump Co. (8 to 60 H. P.), Upper Sandusky, O.

Otto Gas Engine Works, 33d & Walnut, Phila., Pa.

Power Mfg. Co. (15 to 125 H. P.), Marion, O.

Quincy Engine Co., Chambersburg, Pa.

Rawleigh-Schryer Co., Freeport, Ill.

Rumely M. Co. (30 to 60 H. P.), LaPorte, Ind.

St. Marys Machine Works, St. Marys, O.

Superior Gas Engine Co., Springfield, O.

Union Tool Co. ("Ideal"), Los Angeles, Cal.

Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

Witte Engine Wks. (Gas, Gasoline, Kerosene), 16th & Oakland, Kansas City, Mo.

4363—*Engines (Drawbridge)

LIDGERWOOD MFG. CO., 96 Liberty, New York. See adv index at end of book

4364—*Engines (Dredging)

See also Engines, Hoisting

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

ELLCOTT MACHINE CORP., Bush & Severn, Baltimore, Md.

See adv index at end of book

Jennings Pump & Dredge Co., 305 N. Michigan Av., Chicago, Ill.

LIDGERWOOD MFG. CO., 96 Liberty, New York. See adv index at end of book

4365—Engines (Drilling, Oil & Gas Well)

American Gas Engine Co. ("Weber"), 11th & Winchester av, Kansas City, Mo.

American Well Works, Aurora, Ill.

See adv index at end of book

Armstrong Mfg. Co., Waterloo, Ia.

Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Struthers-Wells Co., Warren, Pa.

See adv index at end of book

Union Tool Co. ("Ideal"), Los Angeles, Cal.

4366—Engines For Fan Driving, Etc.

Brownell Co., Dayton, O.

Clarage Fan Co., North & Porter, Kalama-

zoo, Mich.

Green Fuel Economizer Co., Matteawan, N. Y.

Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.

New York Blower Co., Archer Av. & Canal, Chicago, Ill.

Ridgway Dynamo & Engine Co., Ridg-

way, Pa.

St. Marys Machine Works (Gas & Gasoline), St. Marys, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

4366a—*Engines (Fuel Oil)

CHICAGO PNEUMATIC TOOL CO., ("Giant") Fisher bldg., Chicago, Ill.

See adv index at end of book

4367—*Engines (Gas Power)

MESTA MACHINE CO., Pittsburgh, Pa.

See adv index at end of book

PATENTS

Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the Scientific American.

Munn & Co., 699 Woolworth Bldg., N. Y.

Washington Office: 625 F Street, Washington, D. C.

4368—Engines (Gas & Gasoline)

See also Engines, Marine, Gasoline

ALABAMA.

BIRMINGHAM—White-Blakeslee Mfg. Co. (Stationary & Portable, 3 to 25 H. P.)

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works

LOS ANGELES—Commercial Engine Co. (Gas)

Stearns Gas Engine Works (Gas)

Union Tool Co. ("Ideal" 15 to 50 H.P.)

Western Gas Engine Corp. (7 to 500 H. P.)

OAKLAND—Atlas Gas Engine Co. (Gas)

Doak Gas Engine Co.

Gorham Engineering Co. (Marine & Stationary Gas)

Standard Gas Engine Co.

Union Gas Engine Co. (Gas & Oil), East Oakland

SAN FRANCISCO—Corliss Gas Engine Co. (Stationary & Marine), 440 Market.

Dundon's F. P. San Francisco Iron Works, 225 Folsom

Garratt W. T. & Co., 299 Fremont

Golden State & Miners' Iron Works (Gas & Gasoline), 249 1st

Hicks Jas. L. (Gas, etc), 967 Howard

Hobron Thos. W. (Gas), Lick bldg.

Imperial Gas Engine Co. (Gas), 60 Clementina

Ohmen Engine Works, 17th & Capp
Schilling Adam & Sons (Gas & Gasoline), 211 Main
Standard Gas Engine Co. (Gas), 440 Market.
Union Gas Engine Co. ("Union"), 24 California.
Union Iron Works Co., 20th & Michigan
Western Gas Engine Corp., Rialto bldg.
Woodin & Little (Gas & Gasoline), 33 Tremont
STOCKTON—Samson Iron Works (Gas)

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. (Gas or Gasoline in Quantities Only)
Automatic Machine Co. (Marine)
Black Rock Mfg. Co. (Twin Screw Type)
Bridgeport Motor Co. (Gasoline Motors)
Fairfield Auto Co. (Gasoline Motors).
Standard Oil Engine Co. (Marine Gasoline)
Wheeler Engine Works (Gas & Gasoline)
Wolverine Motor Works ("Wolverine" Marine 18 to 100 H. P.)
CENTERBROOK—Connecticut Valley Mfg. Co. (Gasoline Marine)
COSCOB—Palmer Bros. (Gasoline)
HARTFORD—Gray & Prior Machine Co.
MIDDLETOWN—Frisbie Motor Co.
Hubbard Motor Co. (2 & 4 cycle)
MYSTIC—Lathrop J. W. Co. (Stationary & Marine, 1½ to 25 H. P., Gas & Gasoline)
NEW BRITAIN—Kinnie W. A.
NEW HAVEN—Driggs Mfg. Corp. (Automobile & Marine, Gasoline)
NEW LONDON—New London Motor Co. (Gasoline)
NORWALK—Barker C. L. (Gas)
SEYMOUR—Church S. B. (Gas & Gasoline)
STAMFORD—Muench George (Gasoline)
Stamford Motor Co. ("Snecker" Gasoline)
STONY CREEK—Beach Oliver B. (Gas & Gasoline)
WEST MYSTIC—Holmes Motor Co.

DELAWARE.

WILMINGTON—Harris Engine Co. ("Harris" Gasoline, 5 to 200 H. P.)
Front & Orange.
Jones & Schumacher, 1100 West
Trump Bros. Machine Co. (Marine),
Beech & Anchorage

FLORIDA.

JACKSONVILLE—Gibbs Gas Engine Co. of Fla.

GEORGIA.

WINDER—Woodruff Machinery Mfg. Co. (2 to 4 H. P.)

ILLINOIS.

BATAVIA—Appleton Mfg. Co. ("Appleton" Gasoline)
Challenge Co. ("Challenge" & "Dandy")
BELLEVILLE—Harrison Machine Wks. ("Jumbo")
CHICAGO—Accurate Engineering Co., 2419 W 14th
Aermotor Co. ("Aermotor"), 1146 S Campbell
Alexander & Cox Co., 2358 Ogden av
ALLIS-CHALMERS MFG. CO. ("Allis" Gas Only, Four-Cycle Double-Acting, 500 to 5000 H. P.), Peoples Gas bldg
See adv index at end of book
Anderson Engine Co. (Marine & Tractor 2½ to 150 H. P.), 4036 N Rockwell
Caldwell H. W. & Son Co., 17th & Western av
Carpenter Geo. B. & Co. (Gasoline), 440 Wells.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg
See adv index at end of book
Colborne Mfg. Co. (Gas), 157 W Division
Fairbanks, Morse & Co. ("Z" Gas & Gasoline, for All Purposes), 900 S Wabash av

Hydraulic Engineering Works, 708 Fulton
INTERNATIONAL HARVESTER COMPANY (INC.) (Mogul-Titan), 702 Harvester bldg
See adv index at end of book
Kling Bros. Engineering Works (Gas & Gasoline, 2 to 40 H. P.), 1304 Kingsbury
Lammert & Mann (Gas & Gasoline), 221 N Wood
Lennox Machine Co., 2558 W. 16th.
McDonald A. H. (Gas), 547 W Monroe
Murray W. B. (Gas & Gasoline), N Winchester & Wabansia avs
Plunket James E. (Gas), 1342 W Lake
DECATUR—Leader Iron Works.
DE KALB—Haish Jacob Co. (Gasoline).
DIXON—Clipper Lawn Mower Co. ("Clipper," Gasoline, Marine & Stationary)
EAST MOLINE—Root & Vandervoort Engineering Co. ("R. & V.," "Triumph," Gas & Gasoline)
ELGIN—Elgin Wheel & Engine Co. ("Redemotors" Small Gas Engines)
FREEPORT—Freeport Gas Machine Co. (Gas)
Rawleigh-Schryer Co. ("R. S.," Gasoline)
Stover Engine Works ("Stover," Gasoline, 1 to 60 H. P.)
Woodmanse Mfg. Co. ("Mogul")
GALENA—Westwick John & Son
GALESBURG—Wenzelman Mfg. Co. (Gasoline)
HAVANA—Havana Mfg. Co. ("Havana," "Red & Ready")
JOLIET—Buckeye Engine & Foundry Co. ("B. & B.")
KEWANEE—Kewanee Private Utilities Co., West Side
QUINCY—Quincy Motor Co.
ROCKFORD—Emerson-Brantingham Co. ("Emerson," Portable & Stationary)
Savage & Love Co. (Gas & Gasoline)
SANDWICH—Sandwich Mfg. Co.
STERLING—Charter Gas Engine Co. (Gas & Gasoline)
URBANA—Leavitt Mfg. Co. ("Success," Gasoline)
WARNER—Warner Elevator Mfg. Co. ("Warner," Gasoline)

INDIANA.

ANDERSON—Buckeye Mfg. Co. ("Lambert," ½ to 40 H. P.)
Dice Machine Co. ("Anderson," "West-erfield," "Dice")
Lambert Gas & Gasoline Engine Co. Reliable Machine Co. (Gas)
GOSHEN—Hoosier Motor Co.
HAGERSTOWN—Teeter - Hartley Motor Co. (Gasoline)
INDIANAPOLIS—Capital Gas Engine Co. ("Capital," "Gem")
Spacke F. W. Machine Co. (Motor-cycle Gasoline Only)
KENDALLVILLE—Flint & Walling Mfg. Co. ("F. & W.," Gasoline, 1½ to 25 H. P.)
LA PORTE—Advance - Rumely Co. ("Adams," "Falk," "Oil Turn," "Olds")
MARION—Marion Machine Foundry & Supply Co. (Self-Igniting)
Rutenber Motor Co. ("Rutenber")
MISHAWAKA—Perkins Wind Mill Co. (2½ up to 20 H. P.)
MUNCIE—Keiser Geo. & Co. (Gasoline)
NEW ALBANY—Goetz-Coleman Mfg. Co. (Gas & Gasoline)
PLYMOUTH—Clizbe Bros. Mfg. Co.

IOWA.

CHARLES CITY—Charles City Engine Co. Hart-Parr Co. (Oil Cooled, Gasoline)
CLINTON—Lamb Engine Co. (Marine Gas)
COUNCIL BLUFFS—Walker Mfg. Co. ("Boss" Farmer)
DES MOINES—Gibbons Mach. & Foundry Co.
INDEPENDENCE—Ideal Gas Engine Co. ("Ideal")
IOWA FALLS—Gade Bros. Mfg. Co. (Air Cooling, Gasoline)
MARSHALLTOWN—Lennox Machine Co. ("Lennox," "O. K.," "Standard," Stationary & Mounted), (See Chicago, Ill.)

NEWTON—One Minute Mfg. Co. (1½ H. P.)
OTTUMWA—Ottumwa-Moline Engine & Pump Co. ("Eli," "O. M.")
SIOUX CITY—Sioux City Engine & Machinery Co. ("Sioux")
WATERLOO—Armstrong Mfg. Co. (Gasoline)
Associated Mfrs. Co. ("Amanco," "Busy Boy," "Chore Boy," "Hired Man," "Hired Hand," "Jack Boy," "Johnny Boy," "Six Mule Team," "Twelve Mule Team," Gasoline)
Cement Tile Machinery Co. ("S. & S.")
Ferguson Mfg. Co. ("Ferguson")
Galloway Wm. Co. ("Galloway," Gasoline)
Iowa Gasoline Engine Co. (Gasoline)
McManus Sandy ("Sandow," Gasoline)
Waterloo Cement Machinery Corp.
Waterloo Gasoline Engine Co. ("Waterloo Boy" Gasoline)

KANSAS.

KANSAS CITY—Badger Gas & Gasoline Engine Co. (1 to 4 H. P.)
OTTAWA—Union Foundry & Machine Co. ("Union Giant") (1½ to 6 H. P.)

KENTUCKY.

LOUISVILLE—Longest Bros. Co. (Gasoline)
WINCHESTER—Hagan Gas Engine Mfg. Co. (Gas)

MAINE.

AUGUSTA—Fifield Bros. Co.
BATH—Bath Automobile & Gas Engine Co. (Gas)
Torrey Roller Bushing Works
CAMDEN—Camden Anchor-Rockland Machine Co. ("Knox") (2 Cycle Stationary & Marine)
EAST BOOTHBAY—Boothbay Gas Engine Co.

MARYLAND.

BALTIMORE—Eisenbrandt F. B. (Marine, Gasoline), ft of Light
Harms Bros. ("Eclipse," Marine), 1730 Thames
Hollingsworth Wm., 229 N Holliday
Page Eng. Co. ("Oriole" Gas & Gasoline), Clagett & Hull.
White Chas. Gas Engine Co. (4 to 60 H. P.), So. Charles & Winder.

MASSACHUSETTS.

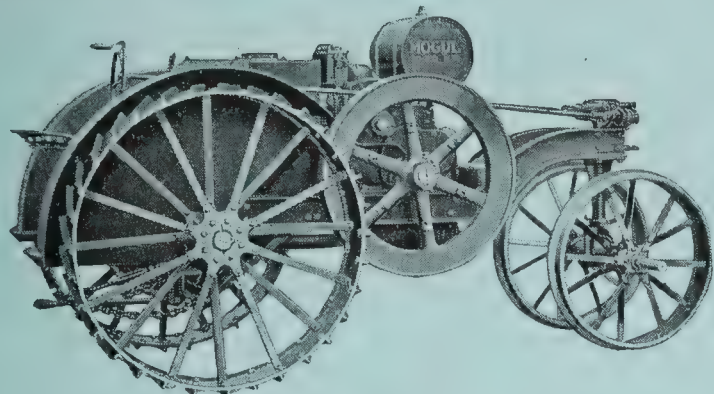
ABINGTON—Lamson E. F.
AMESBURY—Atlantic Boat Co. (Marine)
BOSTON—Blount Eng'ing Co. ("Blount") 100 High. *See adv index at end of book*
Jager Chas. J. Co. ("Jager," 4 Cycle Type, 3 to 60 H. P.), 13 Custom House
Lunt, Moss Co. (Gas & Gasoline), 43 S Market
Murray & Tregurtha Co., 340 W 1st
Neponset Engine & Machine Co. ("Plume," Marine & Stationary)
Neponset
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park
See adv index at end of book
FALL RIVER—Mechanics' Fdy. & Machine Co. ("Mechanics")
HOLYOKE—Bay State Motor Works
LOWELL—Heinze Electric Co.
LYNN—Essex Engine Co.
SALEM—Brown-Talbot Machinery Co. Stanley Co. (Gasoline Marine Motors),
WOLLASTON—Emery V. J. (Marine, Gas)
WORCESTER—Adams Jno. J. (Gas & Gasoline)
Burlingame S. F. (Oil & Gasoline)

MICHIGAN.

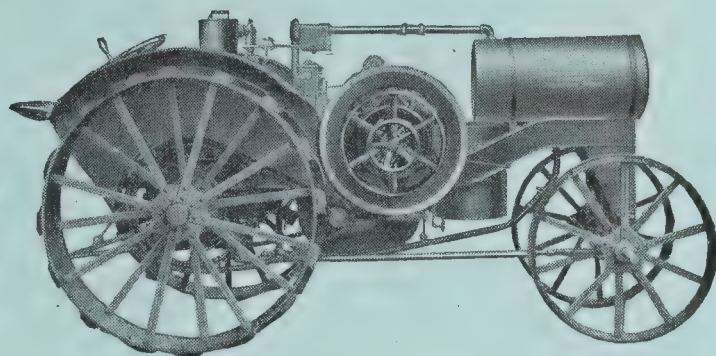
BAY CITY—Smalley-General Co. (Gasoline, Marine)
COLDWATER—Regal Gasoline Engine Co. (Gasoline)
DETROIT—Caille Perfection Motor Co. (Marine & Stationary Gasoline) 2d & Amsterdam
Concrete Form & Engine Co. (Marine & Stationary)

MOGUL and TITAN

Kerosene Engines and Tractors of Standard Quality
Adapted to the Power Needs of
Railroads, Contractors, Factories, Mills, Shops, or Farms



Mogul Kerosene Tractor—10-20 H. P.



Titan Kerosene Tractor—10-20 H. P.

Operate on Any Fuel

These International Harvester engines and tractors (trade names Mogul and Titan) are designed, built, and guaranteed to operate successfully on gas, on alcohol, or on any oil fuel down to 39° Baume, including gasoline, kerosene and the heavier distillates.

Can Be Operated Anywhere

This wide fuel range makes it possible and practical to use International Harvester engines and tractors economically in places where steam or gasoline engines could not be operated. Each unit is a complete power plant, as efficient as steam but requiring much less attention, taking up less room and being much more readily moved from place to place.

The Mogul Engine Line

**Mogul Engines are made in 1, 1 $\frac{3}{4}$, 2 $\frac{1}{2}$,
4, 6, 8, 10, 12, 15, 20, 25, and
50 H. P. sizes.**

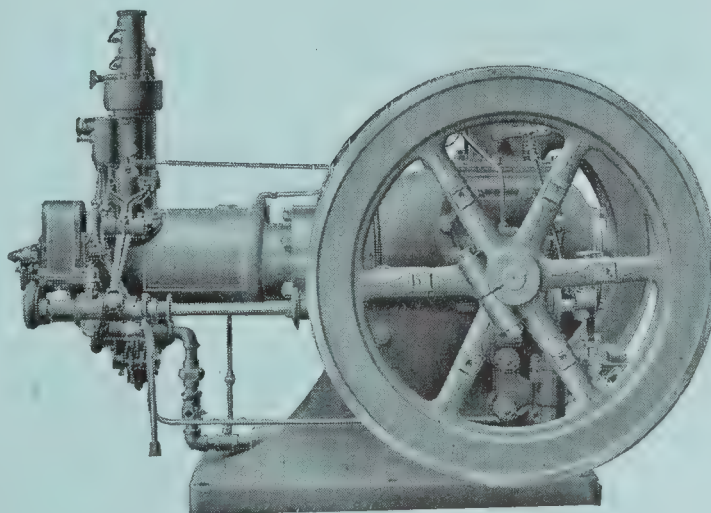
The 1, 1 $\frac{3}{4}$, and 2 $\frac{1}{2}$ H.P. sizes are hopper cooled—stationary or skidded.

From 4 to 10 H.P. inclusive, Mogul engines are furnished either tank or hopper cooled, as stationary, mounting, skidded or portable engines.

The 12 and 15 H.P. sizes are tank cooled only, stationary, mounting, skidded or portable.

The 20, 25, and 50 H.P. sizes are furnished in stationary tank cooled style only.

Equipment with all Mogul engines is complete—ready to run.



Mogul and Titan Tractors

The Tractor Line Includes Mogul Tractors in 10-20 and 12-25 H. P. sizes

Titan Tractors in 10-20 and 15-30 H. P. Sizes

These tractors, all of which operate on kerosene, are of simple, sturdy design. Chain drive to rear wheels is used in all types. Other features are positive force feed lubrication, multiple speeds, powerful brakes, ease of control and handling. The reliability of Mogul and Titan tractors, and their fuel and upkeep economy have made them favorites among men whose work must be done right and on time.

International Harvester Service

We have branches and distributing houses in every part of the world where stocks of needed parts for all our engines and tractors are carried. Users of our machines speak highly of the value and completeness of this service.

Catalogues and Specifications

Full information about Mogul engines and Mogul and Titan tractors is contained in catalogues which will be sent promptly on request. The engine specifications give floor space, dimensions and height, so that installations can be accurately figured. When writing for catalogues please specify fuel to be used.

INTERNATIONAL HARVESTER COMPANY OF AMERICA

230 Harvester Building

(INCORPORATED)

606 S Michigan Boulevard

CHICAGO U S A

“A Word to the Wise”

Buyers will often save time

by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.

Detroit Engine Works (Gasoline, 2 to 20 H. P.)
 Ellis Engine Co. (Stationary, 3 to 12 H. P.), 2843 E Grand blvd
 Ford Motor Co. (2 & 4 Cylinder)
 Gemmer Mfg. Co. (Gasoline, Auto, etc)
 Gray Motor Co. (Gasoline, 1, 2 & 3 Cylinders, 3 to 30 H. P.), Oakland & McLean
 Michigan Steel Boat Co.
 Scripps Motor Co. (Marine), 629 Lincoln av
 Strelinger Marine Engine Co.
 GRAND RAPIDS—Grand Rapids Gas Engine & Yacht Co. ("Monarch")
 Perkins & Co.
 GREENVILLE—Moore Plow & Implement Co. ("Moore," "Sure Cool," Gasoline)
 HILLSDALE—Alamo Mfg. Co. (Gas & Gasoline)
 HUDSON—Hardie Mfg. Co. ("Hardie")
 IONIA—Arnold's G. W. Son (Gasoline)
 JACKSON—Field-Brundage Co. ("Field," "Field Type W.," Gasoline)
 LANSING—Acme Engine Co. (2½ to 15 H. P.)
 Bates & Edmonds Motor Co. ("B. & E.," "Bull Dog," also Direct Connected)
 Brownwall Engine & Pulley Co. (Air Cooled)
 Gifford Engine Co. (1½ H. P.)
 Ideal Engine Co.
 Lansing Motor & Pump Co. (Gasoline)
 New Way Motor Co. (Gasoline, 3½ to 7 H. P.)
 Novo Engine Co. ("Novo," Water Cooled, Especially Adapted for Concrete Mixers, etc)
 Original Gas Engine Co. ("Ideal")
 United Engine Co.
 LUDINGTON—Gile Tractor & Engine Co., (Marine & Stationary)
 MARCELLUS—Chapman H. L. ("Chapman," "Economizer")
 MARQUETTE—Lake Shore Engine Works ("New Superior" 2 & 4-Cycle)
 MUSKEGON—Continental Motor Mfg. Co.
 PETOSKEY—Burnett Foundry & Machine Works (Ltd.) (Marine & Stationary)
 PORT HURON—Port Huron Construction Co. (Gasoline)
 SAGINAW—Nelson Bros. Co. ("Jumbo," 1½ to 4½ H. P.)
 ST. JOHNS—Farmers' Cement Tile Machine Co.
 Richmond & Holmes (Gas & Gasoline)
 THREE RIVERS—Sheffield Car Co.

MINNESOTA.

ALBERT LEA—Kemper-Odee Engine Co. ("Odee")
 FAIRMONT—Fairmont Gas Engine & Ry. Motor Car Co. ("Fairmont," Gasoline & Kerosene)
 FARBULT—Faribault Engine Mfg. Co.
 MINNEAPOLIS—Diamond Iron Works (2 to 75 H. P.), 2nd & 18th av, N
 Enterprise Machine Co. ("Westman," Gasoline), 1118 S 3rd
 Howell R. R. & Co., 31st Av.
 Kinnard-Haines Co. ("Flour City"), 44th av N & Bryant
 Minneapolis Steel & Machinery Co. ("Muenzel," Gas, 30 to 300 H. P.)
 29th & Drexel.
 Shadegg J. C. Engine Co., 315 S 3rd
 RED WING—Red Wing Motor Co.
 ST. PAUL—Auto Engine Works (Marine Gasoline), University & Griggs
 Stickney Chas. A. Co. (Gas & Gasoline), Fillmore & Starkey
 WINONA—Winona Machine & Boat Works (Motor Boat)

MISSOURI.

CLINTON—Industrial Iron Works ("Industrial")
 KANSAS CITY—American Gas Engine Co. ("Weber," 2 to 400 H. P.)
 Bauer Machine Works Co. ("Bauer," "Ever Ready," Up to 50 H. P.)
 Faultless Engine Co.
 Kansas City Engine Works ("Elliott," Stationary, ½ to 8 H. P.)
 Kansas City Hay Press Co. ("K. C." & "K. C. Jr.," "Lightning," Stationary & Portable)
 ST. LOUIS—Mo. Engine Co. (Marine), St. Louis, Mo.

St. Louis Gas & Gasoline Engine Co. (Marine), 2615-17 De Kalb
 Whitman Agricultural Co. (Gasoline, 1 to 10 H. P.), 7000 S B'way
 SPRINGFIELD—United Iron Works Co.

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.
 FREMONT—Fremont Foundry & Machine Co.
 LINCOLN—Cushman Motor Works (4 H. P. 4-Cycle, Gasoline)
 Ward Tractor Co.

NEW HAMPSHIRE.

LAKEPORT—McDuff Wm. J.

NEW JERSEY.

BLOOMFIELD—Empire Cream Separator Co. ("Empire," Two Cycle, 1½ to 3 H. P.)
 BRIDGETON—Hettinger Engine Co.
 HOBOKEN—Nilson-Miller Co.
 JERSEY CITY—Craig James, Engine & Machine Wks., Garfield Av.
 Standard Motor Const. Co. (Marine, 8 to 1500 H. P.), 180 Whiton.
 NEWARK—Backus Water Motor Co. (Gas & Gasoline), 174 Penn av
 Hartig Standard Gas Engine Co. (Gas & Gasoline), 14 Commercial
 Newark Gas Engine Co., 676 N 6th
 PATERSON—Sipp Machine Co. (½ to 1 H. P.)
 PENNSGROVE—Homan Vandever S.
 TRENTON—Trenton Malleable Iron Co. ("Rice" 2 & 4-Cycle)

NEW YORK.

ADAMS—Frazer Bros. Co. (Marine)
 AUBURN—Quick & Thomas Co.
 BALLSTON SPA—Lackawanna Mfg. Co. ("Lackawanna," Marine Engine)
 BINGHAMTON—Canfield Gas Engine Co.
 Deyo-Macey Engine Co. (Gas)
 BUFFALO—Alberger Gas Engine (4-Cycle, 2-Cylinder, Tandem Gas & Gasoline, 5 to 300 H. P.), 281 Chicago
 Buffalo Engine Co. (Salisbury)
 Buffalo Gasoline Motor Co.
 Empire Machine & Stamping Co., 59 Terrace
 Frontier Engine Works, 9 Perry.
 Lazier Gas Engine Co. ("La Zier"), 190 Main.
 Olin Gas Engine Co. ("Olin," Gas & Gasoline)
 Ruger J. W. Mfg. Co. (Gas & Gasoline, 4-Cycle Compression Type, 5 to 100 H. P.)
 Sterling Engine Co. (Gas)
 CANASTOTA—Cady C. N. Co. (Marine)
 DUNKIRK—Niagara Motors Corp. ("Niagara," Marine Motors)
 ELMIRA—Field Force Pump Co. ("Leader")
 FRANKFORT—Acme Road Machinery Co. (Gasoline)
 GASPORT—Friend Mfg. Co.
 GENEVA—Fay & Bowen Engine Co. (Gas & Gasoline, 2 & 4 Cycle Stationary & Marine)
 GREENPORT—Gaffga J. S. & Co.
 HAMMONDSPOET—Curtiss Aeroplane Co.
 HOOSICK FALLS—Wood Walter A. Mowing & Reaping Machine Co. ("McVicker," Gasoline, Farm)
 MALONE—Hinds Thomas Co. (Gasoline)
 MORRISTOWN—Morristown Boat & Engine Co.

NEW YORK CITY.

Borough of Brooklyn
 BROOKLYN—National Meter Co., 1st av
 Saladin Louis

Boroughs of Manhattan and Bronx.

NEW YORK—ALLIS-CHALMERS MFG. CO. ("Allis," Gas Only, Four-Cycle Double-Acting, 500 to 5,000 H. P.), 50 Church.
 See adv index at end of book
 Allman Gas Engine & Mach. Co., 461 Canal
 Fairbanks Co., 416 Broome
 See adv index at end of book
 Gas Engine & Power Co. (Chas. L. Seabury & Co. ("Speedway" Gasoline), Morris Heights

GERDES T. N., 123 Liberty.
 See adv index at end of book
 Homan J. & E. (Gas & Gasoline), 435 W B'way
 Kumberger Gas Engine Co. (Gas & Gasoline), 153 Lafayette
 National Meter Co. ("Nash" Gas & Gasoline), 84 Chambers
 New York Yacht, Launch & Engine Co. ("20th Century"), Morris Heights
 Rock Products Equipment Corp., 42 Church.
 See adv index at end of book
 Schlosser Mfg. Co. (Automobile & Marine), 151 E. 126th
 Tirrill Gas Machine Lighting Co., 103 Park av
 White Mfg. Co. ("The Craig," Gas & Gasoline), 556 W 34th
 Worthington Pump & Machy Corp. ("American Crossley" Gas Engines), 115 B'way, New York

(End of New York City)

NIAGARA FALLS—Goffin & Zeifang
 NORTH TONAWANDA—Herschell-Spillman Co.
 OGDENSBURG—Dunn Walter E. (1½ to 25 H. P.)
 OLEAN—Clark Brothers Co. ("Bogart" Heavy Duty Double Cylinders Gas, 100 to 500 H. P.)
 ROCHESTER—Beers Bros. (Gasoline)
 Rochester Gas Engine Co.
 Rochester Motors Co., 278 State.
 Trebert H. L. F. Engine Works, ("Monarch")
 SCHENECTADY—Brown B. F. Gas Engine Co.
 Westinghouse Co. ("Schenectady," "Westinghouse")
 SYRACUSE—Barber Bros.
 Leighton H. J.
 Wonder Mfg. Co.
 VERNON—Pohl Geo. D. Mfg. Co. ("Advance" Gasoline)
 WELLSVILLE—Clark & Norton Mfg. Co.
 McEwen Bros. (2 Cycle)

NORTH DAKOTA.

FARGO—Fargo Foundry Co. (Gasoline Only)

OHIO.

AKRON—Standard Pump & Engine Co. (Gas)
 Star Drilling Machine Co. (4-Cycle, 6 to 15 H. P.)
 BLUFFTON—Diller Mfg. Co.
 BOWLING GREEN—Universal Machine Co. (Gasoline, Marine)
 BUCYRUS—Sommer Motor Co. (Gasoline Motors)
 CANTON—Hercules Motor Mfg. Co. (Gasoline for Trucks, etc)
 CINCINNATI—Berghausen Machine Co., 2128 Colerain av
 Carlisle & Finch Co. (Generating Set)
 229 E. Clifton Av.
 Clifton Motor Works ("Clifton"), 229 E Clifton av
 Diamond Machine Co., 3rd & Vine
 Watkins Motor Co. (Gas & Gasoline), 6th & Baymiller
 CLEVELAND—Bruce-Macbeth Engine Co. (8 to 300 H. P.)
 Clay Engine Co., 6950 Kinsman rd.
 Ferro Machine & Foundry Co. (Marine Automobile), E 66th & Hubbard av
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W.
 Winton Gas Engine & Mfg. Co. (Gasoline-Marine, 75 H. P. up)
 Wood & Spencer Co. (up to 5 H. P.)
 COLUMBUS—Lowe Bros. Machine & Engine Works ("Lowe" Gas and Gasoline, 1½ to 400 H. P.)
 Van Duzen-Roys Co.
 DAYTON—Callahan W. P. Co. (Up to 200 H. P.)
 Dayton Pitless Scale Co.
 Steiner M. & Co. (Gas)
 DELAWARE—Cook Motor Co.
 FINDLAY—Buckeye Traction Ditcher Co.
 GALION—Galion Iron Works & Mfg. Co.
 GREENVILLE—Ross Supply Co. (Gasoline)
 Wogaman Bros. Co. ("Ritchie," "Hamilton," Gas & Gasoline)
 HAMILTON—Advance Mfg. Co. ("Sure Go," "Wagaman," 6 to 35 H. P.)
 HOOVEN, OWENS, RENTSCHLER CO. (Large Gas)
 See adv index at end of book

LIMA—Buckeye Machine Co. (Gasoline, up to 12 H. P.)
 MARIETTA—Pattin Bros. Co. (12 to 100 H. P. Gas)
 MASSILLON—Russell & Co. ("Boss" Tractor)
 MIDDLETOWN—Middletown Machine Co. ("Woodpecker," "Miami")
 MOUNT GILEAD—Hydraulic Press Mfg. Co.
 MOUNT VERNON—Cooper C. & G. Co. (150 to 3000 H. P. Gas Only)
 Hope Forge & Machine Co.
 NAPOLEON—Heller-Aller Co.
 Ragan-Brown Lange Co.
 NEW LEXINGTON—Star Mfg. Co. ("Star")
 PORTSMOUTH—Heer Engine Co. (2 to 16 H. P.)
 Portsmouth Engine Co. ("New Era"), (10, 20, 30, 40 & 60 H. P.)
 ST. MARYS—St. Marys Machine Works (2 to 500 H. P.)
 SALEM—Buckeye Engine Co. (Gas Only; Horizontal, Single & Double Acting, Operated on Natural Producer & Artificial Gas, Direct Connected or Belted; H. P. Up)
 SANDUSKY—Ohio Motor Co. (Heavy Duty Gasoline)
 Roberts Motor Co. (Marine Gasoline)
 Vim Motor Co.
 SPRINGFIELD—Bauroth Bros. ("Bauroth," "Scientific" Gas & Gasoline, 2 to 15 H. P.)
 Foos Gas Engine Co. (Gasoline, 1½ to 325 H. P.), 800 Monroe
 Miller Improved Gas Engine Co. (Heavy Duty Gas 35 to 250 H. P.)
 Superior Gas Engine Co. ("Superior" Tandem, 100 to 200 H. P., Single Cylinder, 5 to 100 H. P.)
 Superior Mfg. & Mill Co.
 TOLEDO—Grasser Motor Co.
 Jones S. M. Co. ("Ralco" 4 to 100 H. P.)
 Rathbun-Jones Engineering Co. ("Rathbun" Vertical Gas Engine, 50 to 1200 H. P.), 841 Spencer.
 TROY—Hobart Mfg. Co.
 YOUNGSTOWN—Tod Wm. Co. (Gas in Units, from 3000 to 5000 H. P., Gas Only)

OKLAHOMA.

BARTLESVILLE—Frick-Reid Supply Co. ("Reid" Gas)

OREGON.

PORTLAND—Columbia Gas Engine Co.

PENNSYLVANIA.

ALLENTOWN—Nadig Chas. H. Mfg. Co. (Gasoline)
 BELLEFONTE—Bellefonte Engineering Co.
 BRADFORD—Blaisdell Machinery Co. (Gas)
 Bovaird & Co. (Gas & Gasoline)
 Boviard & Seyfang Mfg. Co.
 Combination Engine & Compressor Co., (10 to 50 H. P.)
 BUTLER—Evans Mfg. Co. (Ltd.) Spang & Co.
 CHAMBERSBURG—Quincy Engine Co.
 DUBOIS—Dubois Iron Works ("Du Bois," 5 to 300 H. P.)
 EAST PITTSBURGH—WESTINGHOUSE ELECTRIC & MFG. CO. (10 to 10,000 H. P.)
See adv index at end of book
 EDDYSTONE—Pennsylvania Iron Works Co.
 EMIGSVILLE—National Tubular Axle Co. (Marine)
 ERIE—Erie Forge Co.
 Fulton Mfg. Co. (Marine)
 Nagle Corliss Engine Works.
 FRANKLIN—Producers Supply Co. (10 to 40 H. P.)
 GROVE CITY—Bessemer Gas Engine Co. ("Bessemer," "Gas-Kero" Gas, 5 to 350 H. P.)
 HANOVER—United Engine & Mfg. Co. ("Manley")
 LANSDALE—Heebner & Sons (Gasoline, Stationary & on Wheels)
 MYERSTOWN—Myers E. H. Mfg. Co.
 NEW BRIGHTON—Pittsburgh Machine Co.
 OIL CITY—American Railway Appliance Co. (2½ H. P. up to 12 H. P.)

NATIONAL TRANSIT PUMP & MACHINE CO. (Oil, 5 to 500 H. P.)
See adv index at end of book
 Oil City Boiler Works (Gas)
 PHILADELPHIA—Hall Gas Engine Co., Garden bldg
 Otto Gas Engine Works (Gas & Gasoline), 33rd & Walnut
 Penrose Motor, Inc., Pennsylvania bldg
 Schramm Chris. D. & Son (Jump or Break Spark with Battery or Dual Ignition) 308 N. 4th
 Steffey Mfg. Co.
 Vulcan Engine Works ("Vulcan"), 1727 Ludlow
 PITTSBURGH—Carlin John H. Machine Co. (Gas)
 Davison N. C. Co. (Gas), 3145 Penn.
 Hope Forge & Machine Co., Farmers Bank bldg

GAS ENGINES

ABOVE 600 B. H. P.

FOR ANY FUEL GAS

(Write for Bulletin I)

MESTA MACHINE COMPANY
PITTSBURGH, PA., U. S. A.

Oil Well Supply Co. (Gas), 215 Water
 Pittsburgh Model Engine Co. (4, 6 & Single Cylinder Vertical)
 Standard The. Scale & Supply Co. ("The Standard" Gasoline Engines), 1631 Liberty av
 Turner-Fricke Mfg. Co., Farmers' Bank bldg
 POTTSTOWN—Light Mfg. & Foundry Co.
 North American Motors Co. (Automobile 20 to 45 H. P.)
 READING—Orr & Sembower (Gasoline or Kerosene)
 SCOTTDAL—Scottdale Machine & Mfg. Co.
 SHIPPENSBURG—Domestic Engine & Pump Co. ("Domestic")
 SOUTH BETHLEHEM—Bethlehem Steel Co. ("Bethlehem Steel" Gas Engine, 800 to 5,000 H. P.)
 TATAMY—Messinger Mfg. Co. ("Messinger")
 TITUSVILLE—Titusville Iron Co. ("Olin" 5 to 35 H. P.)
 WARREN—Jacobson Machine Mfg. Co.
 WEST CHESTER—West Chester Engine Co. ("Keystone" Gasoline)
 WILLIAMSPORT—Early Gas Engine Co. Moltz Jacob J.
 WRIGHTSVILLE—Dissinger Farm Co.
 YORK—Farquhar A. B. Co. (Ltd.)
 Henry, Millard & Henry Co. ("Advance," "H. M. & H.") (2 to 15 H. P.)

RHODE ISLAND.

NEWPORT—Newport Engineering Works
 PROVIDENCE—American & British Mfg. Co. (Gas & Gasoline), Charles

TEXAS.

AUSTIN—Tips Foundry & Machine Co.
 FORT WORTH—Fort Worth Well Machy. & Supply Co.
 SAN ANTONIO—San Antonio Machine & Supply Co. ("Krueger," Atlas Gasoline)

VERMONT.

MIDDLETOWN SPRINGS—Gray's A. W. Sons ("Gray" Gasoline, Portable & Stationary)
 POULTNEY—Ruggles Machine Co.
 WATERBURY—Cooley Wright Mfg. Co. (Gasoline)
 WESTMINSTER STATION—Abenague Machine Works (Gas & Gasoline)

VIRGINIA.

NORFOLK—Chesapeake Launch & Motor Co.
 Wallace Bros. (Gas)

WASHINGTON.

SEATTLE—Seattle-Astoria Iron Works (Marine)
 TACOMA—Puget Sound Iron & Steel Works (Gasoline)

WEST VIRGINIA.

PARKERSBURG—Parkersburg Machine Co. (Small Gasoline Only)

WISCONSIN.

ALGOMA—Woodsedlak Jos.
 APPLETON—Eagle Mfg. Co. ("Eagle" Gasoline)
 BELOIT—Thompson J. Plow Works
 BERLIN—Schaefer Mfg. Co.
 BRILLION—Brillion Iron Works ("Brillion" Gasoline)
 CEDAR GROVE—Wisconsin Foundry & Steel Works
 CUDAHY—Worthington Pump & Machy. Corp. ("Ingeco")
 DE PERE—Lauson-Lawton Co. ("Wisconsin" 1½ to 30 H. P.)
 EAU CLAIRE—Eau Claire Mfg. Co. ("White" Gasoline Stationary, Portable, Marine & Electric Light)
 Northwestern Steel & Iron Works ("Northwestern" Gasoline)
 EVANSVILLE—Baker Mfg. Co. ("Baker" "Monitor" Gasoline)
 FOND DU LAC—Quentin Peter N. (Gas)
 GREEN BAY—Straubel Machine Co. (Marine)
 LA CROSSE—Sta-Rite Engine Co. ("Sta-Rite" Gas & Gasoline)
 MADISON—Fuller & Johnson Mfg. Co. ("F. & J. Open Jacket" Gasoline, Water & Air Cooled & Frost Proof)
 MANITOWOC—Richards H. C. Smalley Mfg. Co. ("Smalley")
 MILWAUKEE—ALLIS-CHALMERS MFG. CO. ("Allis" Gas Only, Producer, Natural & Furnace Gas, Four-Cycle Double Acting, 500 to 5,000 H. P.) *See adv index at end of book*
 Beaver Mfg. Co., 1st & Oklahoma av
 Christensen Engineering Co. ("Badger" Gasoline, 2½ to 30 H. P. & Up), 841 30th
 Evinrude Motor Co. (Gas), 279 Walker
 Haase Motor Works
 Milwaukee Auto Engine & Supply Co., 708 Vinnebago
 Milwaukee Machinery Co. (Gasoline), 3015 Walnut
 Toepfer Frank Sons, 460 National av
 Wisconsin Machinery & Mfg. Co., 51st & Burham
 NEW HOLSTEIN—Lauson John Mfg. Co. ("Frost King" Gas & Gasoline)
 OSHKOSH—Doman H. C. Co. (Stationary & Marine)
 Oshkosh Mfg. Co. ("Oshkosh"), Oshkosh, Wis.
 Termaat & Monahan Co. ("T. & M." Stationary & Marine)
 PORT WASHINGTON—Gilson Mfg. Co. ("Gilson," "Goes Like Sixty" Gasoline, Small for Creameries, Washing Machines, etc)
 RACINE—Sieverkropp Engine Co.
 SHEBOYGAN—Globe Foundry & Machine Co. (Gasoline 1½ to 16 H. P.)
 SHEBOYGAN FALLS—Falls Motors Corp.
 SPARTA—Sparta Iron Works Co.
 SUPERIOR—Duplex Mfg. Co. (Gasoline)
 TWO RIVERS—Kahlenberg Bros. Co. (Marine)
 WAUKESHA—Waukesha Motor Co. (Auto Motors)

4369—Engines (Garden)
 Douglas W. & B., Middletown, Conn.

4370—Engines (Gas & Steam, Rebuilt)
 Marlon Machine, Foundry & Supply Co. Marlon, Ind.

4371—Engines (Gasoline Locomotive)
 Pittsburgh Model Engine Co. (4 & Cylinder Vertical), Pittsburgh, Pa.

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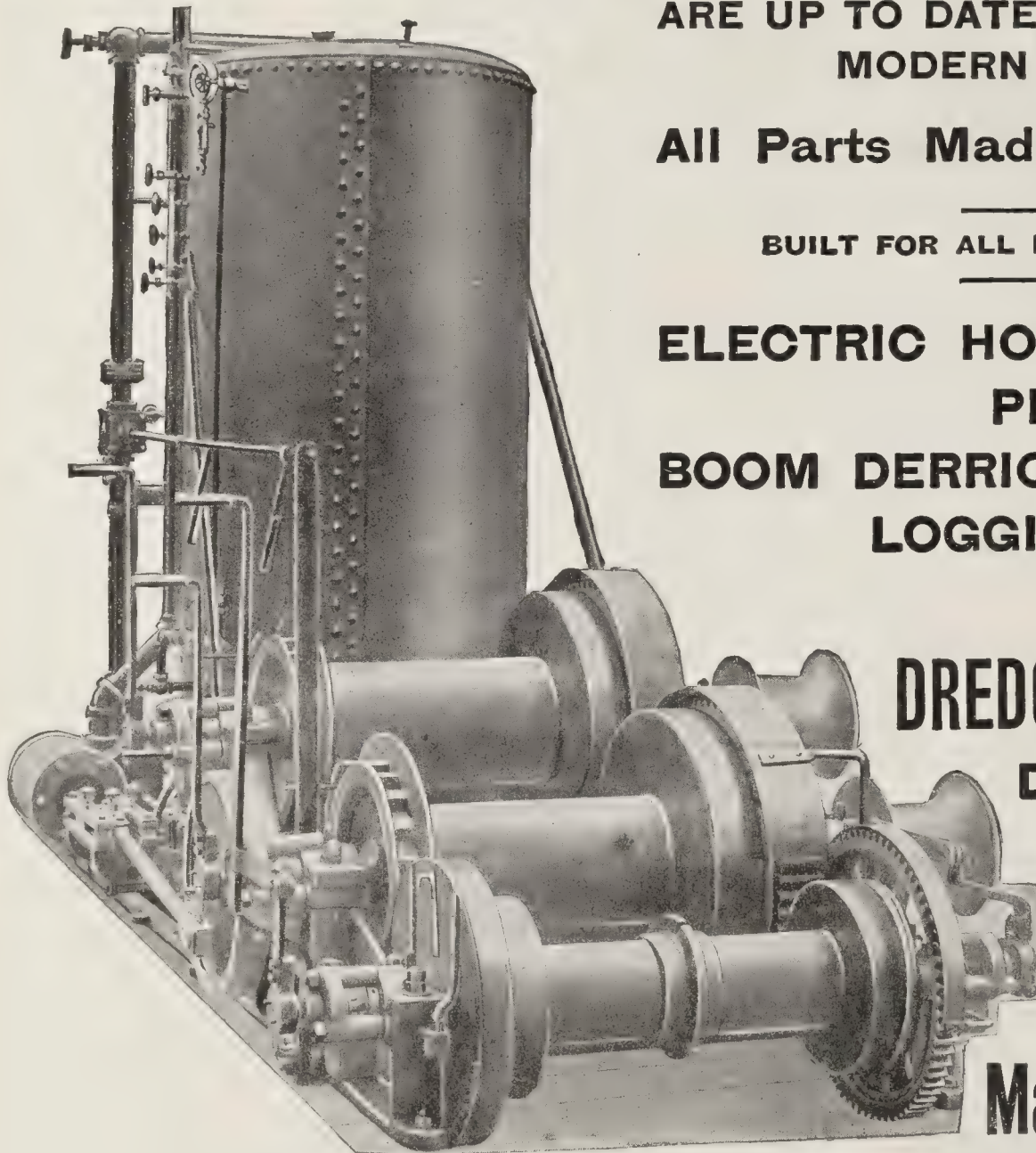
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415 Pioneer Press Bldg., ST. PAUL, MINN.

4372— Engines (Haulage)

American Hoist & Derrick Co. (Double & Single Friction Drum), St. Paul, Minn.
 Carlin John H. Machine Co., Pittsburgh, Pa.
 Chase Machine Co. (Docking & Hauling Cars, etc.), Cleveland, O.
 CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Connellsville Mfg. & Mine Supply Co. (Steam & Electric), Connellsville, Pa.
 Crawford & McCrimmon Co., Brazil, Ind.
 DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
 Fair Haven Foundry & Machine Co. (Inc.), Fair Haven, Vt.
 Finch Mfg. Co., Scranton, Pa.
 Flory S. Mfg. Co., Bangor, Pa.
 Gallion Iron Works & Mfg. Co., Gallion, O.
 Lake Shore Engine Works, Marquette, Mich.
 Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
 LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
 Litchfield Foundry & Machine Co. (Endless Rope, Tail Rope), Litchfield, Ill.
 Mauch Chunk Iron Works, Mauch Chunk, Pa.
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 Milholland J. & J. B. Co. (Endless Rope), 714 5th av, Pittsburgh, Pa.
 Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
 Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 National Hoisting Engine Co., Harrison, N. J.
 Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
 Ottumwa Box Car Loader Co., Ottumwa, Ia.
 Ottumwa Iron Works (Direct & Geared), Ottumwa, Ia.
 Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.
 Puget Sound Iron & Steel Works, Tacoma, Wash.
 St. Marys Machine Works (Gasoline & Oil), St. Marys, O.
 Scottdale Machine & Mfg. Co., Scottdale, Pa.
 Stine J. C. Co., Tyrone, Pa.
 Stine S. B., Osceola Mills, Pa.
 Street Bros. Machine Works, Chattanooga, Tenn.
 Superior Iron Works Co. (Cable Haulage with Endless Rope), Superior, Wis.
 Vulcan Iron Works, Wilkes-Barre, Pa.
 Wellman-Seaver-Morgan Co., Cleveland, O.

4373— Engines (Hoisting)

See also Engines, Hoisting, Gas & Gasoline

ALABAMA.
 BIRMINGHAM—Hardie-Tynes Mfg. Co. (Steam & Electric)

ARIZONA.
 NOGALES—Roy & Titcomb

CALIFORNIA.
 OAKLAND—Doak Gas Engine Co.
 SAN FRANCISCO—Hendy Joshua Iron Works (Double Cylinder, etc), 75 Tremont
 Murray Bros. Machine Works, 233 Folsom

COLORADO.
 DENVER—Davis F. M. Iron Works Co.
 Denver Engineering Works Co. (All Kinds)
 Mine & Smelter Supply Co.

CONNECTICUT.
 BRIDGEPORT—Coulter & McKenzie Machine Co.

GEORGIA.
 MARIETTA—Glover Machine Works

ILLINOIS.
 CHICAGO—Chicago Builders' Specialties Co., 11 So. La Salle.
 LIDGERWOOD MFG. CO. (of New York), Fisher bldg
See adv index at end of book
 Monighan Machine Co. (All Kinds), 2032 Carroll av
 LITCHFIELD—Litchfield Foundry & Machine Co. (First Motion)

INDIANA.
 BRAZIL—Crawford & McCrimmon Co.

IOWA.
 BURLINGTON—Murray Iron Works Co.
 DES MOINES—Eagle Iron Works (Steam & Electric)
 OTTUMWA—Ottumwa Box Car Loader Co.
 Ottumwa Iron Works
 WATERLOO—Armstrong Mfg. Co., 200 Armstrong bldg.
 Waterloo Gasoline Engine Co.

LOUISIANA.
 NEW ORLEANS—LIDGERWOOD MFG. CO. (of New York), Woodward, Wight & Co. (Ltd.), Agents
See adv index at end of book

MARYLAND.
 BALTIMORE—ELLCOTT MACHINE CORP., Bush & Severn
See adv index at end of book
 Page Engineering Co., Clagett & Hull

MASSACHUSETTS.
 BOSTON—Bertelsen & Petersen Engineering Co., 256 Border
 Mead-Morrison Mfg. Co. (Complete Line), Cor Prescott & Orleans, East Boston, Mass.

MICHIGAN.
 DETROIT—DETROIT HOIST & MACHINE CO.
See adv index at end of book
 Jefferson Iron Works Co.
 NORTHERN ENGINEERING WORKS (Electric), 9 Chene
See adv index at end of book
 GRAND HAVEN—Dake Engine Co. (Steam)
 LANSING—Novo Engine Co. (Gas & Gasoline)
 MARQUETTE—Lake Shore Engine Works (Corliss & Slide Valve)
 SAGINAW—Bartlett A. F. & Co. Jackson & Church Co.

MINNESOTA.
 DULUTH—CLYDE IRON WORKS
See adv index at end of book

MISSOURI.
 KANSAS CITY—American Gas Engine Co. ("Weber")
 Faultless Engine Co.

NEW JERSEY.
 HARRISON—National Hoisting Engine Co. (For All Purposes)
 NEWARK—Lambert Hoisting Engine Co., 117 Poinier
 Mundy J. S. Hoisting Engine Co. (For All Purposes), 722 Frelinghuysen av. *See adv index at end of book*

NEW YORK CITY.
 Boroughs of Manhattan and Bronx.
 NEW YORK—Brown Hoisting Machinery Co. (of Cleveland, O.), 50 Church
 GODFREY-KEELER CO. (Mine & Contractors), 70 Warren
See adv index at end of book
 Haiss Geo. Mfg. Co., 141st & Ryder av
 LIDGERWOOD MFG. CO., 96 Liberty
See adv index at end of book
 Pelham Operating Co., 410 W 26th

Borough of Richmond.
 WEST NEW BRIGHTON—HUNT C. W. CO. *See adv index at end of book*
 (End of New York City)

NIAGARA FALLS—Dobbie Foundry & Machine Co.

NORTH CAROLINA.
 PINETOWN—Parker Surry

OHIO.
 CINCINNATI—Lane & Bodley Co., Tenn. av & Paddock rd
 CLEVELAND—Browning Victor R. & Co., 17701 Lake Shore blvd.
See adv index at end of book
 Chase Machine Co. (Reversible, etc)
 Wellman-Seaver-Morgan Co.
 COLUMBUS—Weinman Pump Mfg. Co., 300 Spruce
 RAVENNA—Byers John F. Machine Co. (All Kinds for All Purposes), 242 S Sycamore
See adv index at end of book
 TOLEDO—Toledo Foundry & Machine Co. Toledo Ship Building Co.
 ZANESVILLE—Griffith & Wedge Co.

OREGON.
 PORTLAND—Phoenix Iron Works
 Portland Iron Works, 14th & Northrup.
 Willamette Iron & Steel Works

PENNSYLVANIA.
 BANGOR—Flory S. Mfg. Co. (All Kinds for All Purposes)
 CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.
 DANVILLE—Danville Foundry & Machine Co.
 MAUCH CHUNK—Mauch Chunk Iron Works
 PHILADELPHIA—American Engineering Co. ("Williamson," Frictional Spur & Worm Gear), Aramingo & Cumberland
 LIDGERWOOD MFG. CO. (of New York)
See adv index at end of book
 Morris I. P. Co. (Mine), Beach & Ball
 Mundy J. S. (For All Purposes), 1744 Market
 PITTSBURGH—Brown Hoisting Machinery Co., Oliver bldg.
 Carlin John H. Machine Co. (Steam & Electric)
 LIDGERWOOD MFG. CO. (of New York), Pittsburgh, Pa.
See adv index at end of book
 Mesta Machine Co. (For Rolling Mills, etc) *See adv index at end of book*
 Milholland J. & J. B. Co., 714 5th av
 Pittsburgh Model Engine Co. (4, 6 & Single Vertical), Pittsburgh, Pa.

Engines (Hoisting)

MANUFACTURED BY

CLYDE IRON WORKS

DULUTH, MINN.

Imperial Iron Works (For Mines, etc)
 National Iron Co.
 ST. PAUL—American Hoist & Derrick Co.

PITTSTON—Exeter Machine Works
(Steam & Electric)
READING—Orr & Sembower
SCOTTDAL—Scottdale Machine & Mfg.
Co.
SCRANTON—ALLIS-CHALMERS CO.
("Allis," Steam)
See adv index at end of book
Finn Mfg. Co.
SHIPPENSBURG—Domestic Engine &
Pump Co.
STROUDSBURG—Stroudsburg Engine
Works (Gas or Gasoline)
WILKES-BARRE—Vulcan Iron Works

TENNESSEE.

CHATTANOOGA—Patten Mfg. Co. (Sin-
gle & Double Drum)
Street Bros. Machine Works
JACKSON—Southern Engine & Boiler
Works (2 to 50 H. P.)

VERMONT.

FAIR HAVEN—Fair Haven Foundry &
Machine Co.

WASHINGTON.

SEATTLE—LIDGERWOOD MFG. CO. (of
New York)
See adv index at end of book
Northwestern Iron Works
Seattle Machine Works
Washington Iron Works

WISCONSIN.

MANITOWOC—Manitowoc Ship Building
Co. (Steel)
MILWAUKEE—ALLIS-CHALMERS MFG.
CO. ("Allis," Steam)
See adv index at end of book
Filer & Stowell Co.
Nordberg Mfg. Co.
SUPERIOR—Superior Iron Works Co.
("Anchor")

**4374—*Engines (Hoisting, Contrac-
tors')**

See also Engines, Hoisting

Browning Victor R. & Co., 17701 Lake
Shore blvd., Cleveland, O.
See adv index at end of book
Byers Jno. F. Machine Co., 242 S Sycamore,
Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

ENGINES (HOISTING CONTRACTORS)
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

ELLICOTT MACHINE CORP., Bush &
Severn, Baltimore, Md.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New
York *See adv index at end of book*

**4375—Engines (Hoisting, Gas or
Gasoline)**

American Engng. Co. (For Marine Use),
Aramingo av & Cumberland, Phila.,
Pa.

American Gas Engine Co. ("Weber"), Kan-
sas City, Mo.

Armstrong Mfg. Co., Waterloo, Ia.

Bates & Edmonds Motor Co., Lansing,
Mich.

Charter Gas Engine Co., Sterling, Ill.

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

Domestic Engine & Pump Co., Shippens-
burg, Pa.

Fairbanks, Morse & Co. (Gas, Gasoline &
Oil), 900 S Wabash av, Chicago, Ill.

Jager Chas. J. Co. ("Mason Jager" Gaso-
line & Oil) 15 Custom House, Boston,
Mass.

Lake Shore Engine Works (Gasoline,
Hoisting & Pumping), Marquette,
Mich.

Lauson-Lawton Co., De Pere, Wis.

LIDGERWOOD MFG. CO. (Also Steam),
96 Liberty, New York

See adv index at end of book

Mead-Morrison Mfg. Co., cor Prescott &
Orleans, East Boston, Mass.

O. K. Clutch & Machy. Co., Columbia, Pa.

Roy & Titcomb, Nogales, Ariz.

Standard Gas Engine Co., Oakland, Cal.

Stickney Chas. A. Co., Fillmore & Starkey,
St. Paul, Minn.

Union Gas Engine Co. ("Union"), 24 Cali-
fornia, San Francisco, Cal.

Waterloo Gasoline Engine Co., Waterloo,
Ia.

Whitman Agricultural Co. (1 to 10 H. P.),
7000 S B'way, St. Louis, Mo.

4376—*Engines (Hoisting, Mine)

*See also Engines, Hoisting; also Engines,
Hoisting, Gas & Gasoline; also Hoists,
- Mine*

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

**4377—*Engines (Hoisting, Pneu-
matic)**

DETROIT HOIST & MACHINE CO., De-
troit, Mich. *See adv index at end of book*

**4378—*Engines (Hoisting, Port-
able)**

Byers Jno. F. Machine Co., 242 S Sycamore,
Ravenna, O.

See adv index at end of book

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New
York. *See adv index at end of book*

4379—*Engines (Incline Cableway)

See also Engines, Hoisting

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New
York *See adv index at end of book*

4380— Engines (Jordan)

Black-Clawson Co., Hamilton, O.

Dillon Machine Co., Lawrence, Mass.

Emerson Mfg. Co. ("Emerson"), Lawrence,
Mass.

Horne J. H. & Sons Co., Lawrence, Mass.

Jones E. D. & Sons Co., Pittsfield, Mass.

McKim Foundry & Machine Co. (For Lab-
oratories, Chemists, Color Mfrs, etc.),
Lockport, N. Y.

Mills Machine Co., Lawrence, Mass.

Noble & Wood Mach. Co., Hoosick Falls,
N. Y.

Smith & Winchester Mfg. Co., So Windham,
Conn.

4380a—*Engines (Kerosene)

See also Engines, Oil

INTERNATIONAL HARVESTER CO. OF
AMERICA (INC.) (Mogul-Titan), 702
Harvester bldg, Chicago, Ill.

See adv index at end of book

Engines (Locomotive Traction)

See Locomotives, Dirt Road

4381— *Engines (Logging)

See also Engines, Hoisting

Byers Jno. F. Machine Co., 242 So Sycamore,
Ravenna, O.

See adv index at end of book

Engines (Logging)

MANUFACTURED BY

CLYDE IRON WORKS
DULUTH, MINN.

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New
York *See adv index at end of book*

4382—Engines (Marine, Gasoline)

*See also Engines, Automobiles! also En-
gines, Gas or Gasoline; also Motor Boat,
Launch & Yacht Builders*

Anderson Engine Co. (2½ to 150 H. P.),
4036 N Rockwell, Chicago, Ill.

Atlantic Boat Co., Amesbury, Mass.

Austin Automobile Co., Grand Rapids,
Mich.

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av, St. Paul, Minn.
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Bridgeport, Conn.
Barber Bros., Syracuse, N. Y.
Barker C. L., Norwalk, Conn.
Bethlehem Steel Co., So. Bethlehem, Pa.
Black Rock Mfg. Co., Bridgeport, Conn.
Blount Engineering Co. ("Blount"), 100
High, Boston, Mass.
See adv index at end of book
Brennan Motor Mfg. Co. (2-4-6 Cylinder),
Syracuse, N. Y.
Bridgeport Motor Co., Bridgeport, Conn.
Brown B. F. Gas Engine Co., Schenectady,
N. Y.
Buffalo Gasoline Motor Co. (2 to 100 H. P.,
4 Cycle), 1280 Niagara, Buffalo, N. Y.
Cady C. N. Co., Canastota, N. Y.
Caille Perfection Motor Co. ("Perfection"),
2d & Amsterdam, Detroit, Mich.
Camden Anchor-Rockland Machine Co.
("Knox" 2 Cycle, Stationary & Mar-
ine), Camden, Me.
Chadwick Engineering Works ("Chad-
wick"), Pottstown, Pa.
Clinton Walter R. (2 to 60 H. P.), West
Haven, Conn.
Clipper Lawn Mower Co. (2 to 8 H. P.),
Dixon, Ill.
Concrete Form & Engine Co., Detroit,
Mich.
Continental Motor Mfg. Co., Muskegon,
Mich.
Cooley, Wright Mfg. Co., Waterbury, Vt.
Corliss Gas Engine Co., 440 Market, San
Francisco, Cal.
Cushman Motor Works, Lincoln, Neb.
Daman H. C. Co., Oshkosh, Wis.
Davis Mfg. Co., Milwaukee, Wis.
DeMooy Machine Co., Cleveland, O.
Detroit Engine Works (2 to 20 H. P.), De-
troit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Driggs Mfg. Corp., New Haven, Conn.
Duluth Gas Engine Works ("Little
Giant"), Duluth, Minn.
Dundon's F. P. San Francisco Iron Works,
225 Folsom, San Francisco, Cal.
Dunn Walter E., Ogdensburg, N. Y.
Eau Claire Mfg. Co. ("White"), Eau
Claire, Wis.
Emeny G. J. Co. ("Parker"), Fulton, N. Y.
Emery V. J., Wollaston, Mass.
Enterprise Machine Co., 1118 S. 3d, Minne-
apolis, Minn.
Erd Motor Co. (Gas), Saginaw, Mich.
Essex Engine Co. ("Essex"), Lynn, Mass.
Evarts Machine Co. (1½ H. P.), Hartford,
Conn.
Evinrude Motor Co., 279 Walker, Milwau-
kee, Wis.
Fairbanks Co., 416 Broome, New York
Falls Motors Corp., Sheboygan Falls,
Wis.
Fay & Bowen Engine Co. (5 to 75 H. P.),
Geneva, N. Y.
Ferro Machine & Foundry Co., E 66th &
Hubbard av, Cleveland, O.
Fifield Bros. Co. ("Capitol"), Augusta,
Me.
Fitzhenry E. L. & Co., 49 Washington, N.
Boston, Mass.
Frazer Bros. Co. ("Frazer-Adams"),
Adams, N. Y.
Frontier Engine Works, 9 Perry, Buffalo,
N. Y.
Fulton Mfg. Co., Erie, Pa.
Gas Engine & Power Co., & Charles L.
Seabury & Co. ("Speedway," also
Naphtha), Morris Heights, N. Y.
Godwin Thos. W. & Co., Norfolk, Va.
Goodell Zina ("Naumkeg"), 83 Lafayette,
Salem, Mass.
Gorham Engineering Co., Oakland, Cal.
Grand Rapids Gas Engine & Yacht Co.
("Monarch"), Grand Rapids, Mich.
Gray Motor Co. (1, 2 & 3 Cylinder, 3 to 30
H. P.), Oakland & McLean, Detroit,
Mich.
Gray & Prior Machine Co. ("Hartford"),
Hartford, Conn.
Great Lakes Engineering Works, Detroit,
Mich.
Greenville Implement Co., Greenville,
Mich.
Harms Bros. ("Eclipse"), 1730 Thames,
Baltimore, Md.
Harris Engine Co. ("Harris" 5 to 200 H.
P.), Front & Orange, Wilmington,
Del.
Herschell-Spillman Co., North Tonawanda,
N. Y.
Hettinger Engine Co. (6 H. P. to 50 H. P.)
Bridgeton, N. J.

Holmes Motor Co. (4 Cycle), West Mystic,
Conn.
Hoosier Motor Co., Goshen, Ind.
Hubbard Motor Co. (2 & 4-Cycle), Middle-
town, Conn.
Jager Chas. J. Co. ("Mason Jager" 2, 4,
6 & 8 Cylinder, 10 to 160 H. P.), 15
Custom House, Boston, Mass.
Jones S. M. Co. ("Ralaco" 4 to 100 H. P.),
Toledo, O.
Jones & Schumacher, 1100 West, Wilming-
ton, Del.
Kahlenberg Bros. Co. ("Kahlenberg" Self-
Starting, Reversing, ½ & 3 Cylinder,
up to 75 H. P.), Two Rivers, Wis.
Kermath Mfg. Co., 45 Fort, E Detroit,
Mich.
Kumberger Gas Engine Co., 153 Lafayette,
New York
Lackawanna Mfg. Co. (Valveless Reversi-
ble), Ballston Spa, N. Y.
Lake Shore Engine Works ("New Super-
rior" 2 & 4-Cycle), Marquette, Mich.
Lamb Engine Co., Clinton, Ia.
Lamont Engine Co., 1470 Jefferson, De-
troit, Mich.
Landis E. M., Toledo, O.
Lathrop Jas. W. Co., Mystic, Conn.
Leighton H. J., Syracuse, N. Y.
Lockwood Ash Motor Co., Jackson, Mich.
Mechanics' Foundry & Machine Co. ("Me-
chanics"), Fall River, Mass.
Michigan Steel Boat Co. (Marine), De-
troit, Mich.
Milwaukee Auto Engine & Supply Co., 708
Winnebago, Milwaukee, Wis.
Missouri Engine Co., St. Louis, Mo.
Murray & Tregurtha Co., 340 W First,
Boston, Mass.
Neponset Engine & Machine Co. ("Plume,"
1½ to 3 H. P.), Neponset, Boston,
Mass.
New London Motor Co., New London,
Conn.
N. Y. Yacht, Launch & Engine Co. ("20th
Century"), Morris Heights, N. Y.
Niagara Motors Corp., Ellicott sq., Buf-
falo, N. Y.
Nichols & Wright Motor Co., Buffalo,
N. Y.
Novo Engine Co., Lansing, Mich.
Page Engineering Co. ("Oriole," Gas),
Clagett & Hull, Baltimore, Md.
Palmer Bros., Coscob, Conn.
Peerless Marine Motor Co., 10 Lock, Buf-
falo, N. Y.
Pennsylvania Iron Works Co. ("Globe"),
Eddystone, Pa.
Providence Engineering Corp., 521 South
Main, Providence, R. I.
Racine-Truscott-Shell Lake Boat Co.,
Muskegon, Mich.
Rathbun-Jones Engineering Co., Toledo,
O.
Regal Gasoline Engine Co., Coldwater,
Mich.
Richards Iron Works, Manitowoc, Wis.
Roberts Motor Co., Sandusky, O.
Rochester Gas Engine Co., Rochester,
N. Y.
S. R. Mfg. Co. ("Mohawk"), Schenectady,
N. Y.
St. Louis Gas & Gasoline Engine Co. (Up
to 500 H. P.), 2615-17 De Kalb, St.
Louis, Mo.
Schaefer Mfg. Co., Berlin, Wis.
Scheppele Chas. A., Dubuque, Ia.
Schlosser Mfg. Co., 151 E 126th, New York
Scripps Motor Co., 629 Lincoln av, Detroit,
Mich.
Seattle-Astoria Iron Works, Seattle, Wash.
Sheffield Car Co., Three Rivers, Mich.
Smalley-General Co., Bay City, Mich.
Stamford Motor Co ("Snecker"), Stam-
ford, Conn.
Standard Co. ("Eagle"), Torrington,
Conn.
Standard Gas Engine Co., Oakland, Cal.
Standard Motor Const. Co. (75 H. P., up),
180 Whiton, Jersey City, N. J.
Standard Oil Engine Co., Bridgeport,
Conn.
Stanley Co., Salem, Mass.
Sterling Engine Co. (8 to 100 H. P. &
4 Cycle), Buffalo, N. Y.
Strelinger Marine Engine Co., 25 St.
Aubin, Detroit, Mich.
Termaat & Monahan Co. (Reversing),
Oshkosh, Wis.
Thomas E. R. Motor Co., Buffalo, N. Y.
Trump Bros. Machine Co. ("Pilot"), Beech
& Anchorage, Wilmington, Del.
Union Gas Engine Co. ("Union"), 24 Call-
ifornia, San Francisco, Cal.
Universal Machine Co., Bowling Green, O.
Universal Motor Co., Oshkosh, Wis.

Valley Boat Co., Saginaw, Mich.
Van Blerck Motor Co., Monroe, Mich.
Vim Motor Co., Sandusky, O.
Waterman Motor Co., 235 Mt. Elliott, De-
troit, Mich.
Watkins Motor Co., 6th & Baymiller, Cin-
cinnati, O.
White Chas. Gas Engine Co., So. Charles
& Winder, Baltimore, Md.
Winton Gas Engine & Mfg. Co. (4-Cycle
75 H. P. & Up), Cleveland, O.
Wisconsin Machinery & Mfg. Co., 51st &
Burnham, Milwaukee, Wis.
Wolverine Motor Works (18 to 100 H. P.
4-Cycle), Bridgeport, Conn.

4383—Engines (Marine, Oil)

Bolinders Co., 30 Church, New York
Burnoil Engine Co., South Bend, Ind.
Busch-Sulzer Bros. Diesel Engine Co. (120
to 1,000 H. P.), 2d & Gratiot, St. Louis,
Mo.
Craig Jas., Engine & Machine Wks., 807
Garfield av, Jersey City, N. J.
De La Vergne Machine Co., Ft. E. 138th,
New York
Fairbanks, Morse & Co. (Type "C-O" Oil),
900 S. Wabash av, Chicago, Ill.
Fulton Mfg. Co. (Diesel Type), Erie, Pa.
Jager Chas. J. Co., ("Mason-Jager"), 15
Custom House, Boston, Mass.
Mietz August ("Mietz & Weiss"), 138
Mott, New York
Missouri Engine Co. (Up to 60 H. P.), St.
Louis, Mo.
New London Ship & Engine Co. ("Diesel
Type"), Groton, Conn.
Samson Iron Works, Stockton, Cal.
Sheffield Car Co. (Crude Oil), Three Rivers,
Mich.
Vulcan Engine Works, 1827 Bainbridge,
Phila., Pa.

Engines (Marine, Portable)

See Motors, Rowboat, Detachable

Engines (Marine Railway)

See Engines, Hoisting

4384—Engines (Marine, Steam)

This Trade is Duplicated under Engines,
Steam
American Ship Building Co., Cleveland, O.
Atlantic Works, 80 Border, E B, Boston,
Mass.
Augustine Automatic Rotary Engine Co.,
Buffalo, N. Y.
Baltimore Dry Dock & Ship Bldg. Co.,
Locust Point, Baltimore, Md.
Bartlett A. F. & Co., Saginaw, Mich.
Bath Iron Works, Ltd., Bath, Me.
Bay State Iron Works, Erie, Pa.
Burton & Johnson Co., 2301 Center Ave.,
Duluth Iron Works, Duluth, Minn.
Cahill W. S. Co., ft of Webster, Balti-
more, Md.
Chicago Ship Building Co., 101st & Calu-
met River, Chicago, Ill.
Coulter & McKenzie Machine Co., Bridge-
port, Conn.
Cramp Wm. & Sons, Ship & Engine Bldg.
Co., Beach & Ball, Phila., Pa.
Detroit Shipbuilding Co., Detroit, Mich.
Duluth Iron Works, Duluth, Minn.
Evans C. H. & Co., 187 Fremont, San
Francisco, Cal.
Fletcher W. & A. Co., Hoboken, N. J.
Flynn W. S., 76 Hudson, Jersey City, N. J.
Fore River Shipbuilding Corp., Quincy,
Mass.
Golden State & Miners' Iron Works, 249
1st, San Francisco, Cal.
Heffernan Engine Works, Seattle, Wash.
Herreshoff Mfg. Co., Bristol, R. I.
Lockwood Mfg. Co. E. B., 65 Sumner, E.
Boston, Mass.
Manistee Iron Works Co., Manistee, Mich.
Manitowoc Ship Building Co., Manitowoc,
Wis.
Marine Engine & Boiler Co., Philpot &
Point, Baltimore, Md.
Marine Iron Works, 2036 Dominick, Chi-
cago, Ill.
Maryland Steel Co., Sparrows Point, Md.
Merrill-Stevens Co., Jacksonville, Fla.
Midvale Steel Co., Phila., Pa.
Morris Machine Works (1½ to 1000 H. P.)
Baldwinsville, N. Y.
New London Marine & Iron Works, New
London, Conn.

Newport News Ship Building & Dry Dock Co., Newport News, Va.
 Northwestern Iron Works, Seattle, Wash.
 Ogdensburg Machine Co., Ogdensburg, N. Y.
 Old Dominion Marine Railway Corp'n, Berkley, Va.
 Orr & Sembower, Reading, Pa.
 Phoenix Iron Works, Portland, Ore.
 Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delevan, Brooklyn, N. Y.
 Portland Co. (Compound & Triple Expansion), Portland, Me.
 Pusey & Jones Co., ft Poplar, Wilmington, Del.
 Quintard Iron Works Co., 742 E 12th, New York
 Richards Iron Works, Manitowoc, Wis.
 Schantz & Eckert, Perth Amboy, N. J.
 Seattle Construction & Dry Dock Co., Seattle, Wash.
 Smith Theodore & Sons Co., ft Essex, Jersey City, N. J.
 Sullivan John W. Co. (Compound & Triple Expansion), 827 E 9th, New York
 Superior Ship Building Co., Superior, Wis.
 Toledo Foundry & Machine Co., Toledo, O.
 Toledo Ship Building Co., Toledo, O.
 Trout H. G. Co., Buffalo, N. Y.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Ward Chas. Engineering Works, Charleston, W. Va.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Willamette Iron & Steel Works, Portland, Ore.

4385—*Engines (Mining, Steam)

ALLIS-CHALMERS MFG. CO. ("Allis"), Milwaukee, Wis.
See adv index at end of book

Engines Mounted on Wheels

See Engines. Portable on Wheels

4386— Engines (Naphtha)

American Gas Engine Co. ("Weber"), Kansas City, Mo.
 Armstrong Mfg. Co., Waterloo, Ia.
 Charter Gas Engine Co., Sterling, Ill.
 Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, N. Y.
 St. Mary's Machine Works (2½ to 480 H. P.), St. Marys, O.
 Waterloo Gasoline Engine Co., 625 Milet, Waterloo, Ia.

4387— Engines (Oil)

See also Engines. Alcohol
 Acme Oil Engine Co., Bridgeport, Conn.
 Advance Rumely Co. ("Oilturn" Kerosene & Distillate, 30 to 60 H. P.), La Porte, Ind.
 Alamo Mfg. Co. (Kerosene), Hillsdale, Mich.
 Allis-Chalmers Mfg. Co. ("Allis"), Milwaukee, Wis. *See adv index at end of book*
 American Gas Engine Co. ("Weber"), Kansas City, Mo.
 Anderson Engine Co. (Kerosene), 4036 N Rockwell, Chicago, Ill.
 Anderson Foundry & Machine Works (Crude Oil), Anderson, Ind.
 Armstrong Mfg. Co., Waterloo, Ia.
 Bauer Machine Works Co. (20 to 50 H. P.), Kansas City, Mo.
 Bessemer Gas Engine Co. ("Bessemer" Crude Oil, 5 to 350 H. P.), Grove City, Pa.
BUFFALO FOUNDRY & MACHINE CO. (Fuel Oil), 65 Winchester av. Buffalo, N. Y. *See adv index at end of book*
 Burkett Mfg. Co., 162 W. Spring, Columbus, O.
 Burlingame S. F., Worcester, Mass.
 Burnoil Engine Co., South Bend, Ind.
 Busch-Sulzer Bros.-Diesel Engine Co. (120 to 1,000 H. P.), 2d & Gratiot, St. Louis, Mo.
 Callahan W. P. Co. (Up to 200 H. P.), Dayton, O.
 Charter Gas Engine Co. ("Sterling," Alcohol, Kerosene & Oil), Sterling, Ill.
 Clay Engine Co., 6950 Kinsman rd., Cleveland, O.
 Corliss Gas Engine Co., 440 Market, San Francisco, Cal.
 Covington Machine Co., Covington, Va.
 De La Vergne Machine Co. ("Hornsby-Akroyd"), ft E 138th, New York

Detroit Engine Works (Kerosene & Coal Oil, 2 to 20 H. P.), Detroit, Mich.
 Detroit Motor Car Supply Co. ("Sandow" Kerosene, Coal Oils, etc., 2 to 20 H. P.), Detroit, Mich.
 Doak Gas Engine Co., Oakland, Cal.
 Dow Pump & Diesel Engine Co. ("Wilians Diesel"), 417 Market, San Francisco, Cal.
 Ellis Engine Co. ("Ellis," Kerosene, 3 to 12 H. P.), 2843 E. Grand blvd, Detroit, Mich.
 Emerson-Brantingham Co. ("Emerson" Kerosene), Rockford, Ill.
 Erie Forge Co., Erie, Pa.
 Fairbanks, Morse & Co. ("Fairbanks-Morse" Type "Z" & Type "Y" Kerosene or Crude Oil), 900 S Wabash av, Chicago, Ill.
 Fairmont Gear Engine & Railway Motor Car Co. (Gasoline & Kerosene), Fairmont, Minn.
 Fay & Bowen Engine Co. (Kerosene), Geneva, N. Y.
 Flinchbaugh Machine Co., York, Pa.
 Foos Gas Engine Co. (Kerosene, 2½ to 82 H. P.), 800 Monroe, Springfield, O.
 Fuller & Johnson Mfg. Co. (Kerosene), Madison, Wis.
 Fulton Iron Works, 1295 Delaware av, St. Louis, Mo.
GERDES T. N., 123 Liberty, New York
See adv index at end of book

ENGINES

Gas and Oil Semi-Diesel Type Stationary and Marine Gas Producers T. N. GERDES 123 Liberty St., N. Y. C.

Gorham Engineering Co., Oakland, Cal.
 Grand Rapids Gas Engine & Yacht Co. ("Monarch" Kerosene), Grand Rapids, Mich.
 Hoyer Engineering Co. (Kerosene), 519 19th av, Milwaukee, Wis.
 Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (Mogul-Titan; 1 to 50 H. P.), 702 Harvester bldg, Chicago, Ill.
See adv index at end of book
 Johnston & Jennings Co., ("Loomis" 25 to 100 H. P.), Addison rd & N. Y. C. R., Cleveland, O. *See adv index at end of book*
 Kahlenberg Bros. Co. ("Kahlenberg" Kerosene Marine, up to 75 H. P.), Two Rivers, Wis.
 Lackawanna Mfg. Co. ("Lackawanna," Petroleum), Ballston Spa, N. Y.
 Lauson John Mfg. Co. (Kerosene & Distillate), New Holstein, Wis.
 Lyons-Atlas Co. ("Diesel" 300 to 1,000 H. P.), Indianapolis, Ind.
 McIntosh & Seymour Corp. ("Diesel" Type), Auburn, N. Y.
 Mietz August ("Mietz" & "Weiss" Kerosene, Fuel & Crude Oil), 138 Mott, New York
 Missouri Engine Co., 2810 N. 11th, St. Louis, Mo.
 Moore Sam'l L. & Sons ("Crescent" Fuel, etc.), Elizabeth, N. J.
 Muncie Oil Engine Co. ("Muncie," 10 to 200 H. P.), Muncie, Ind.
 National Steam Pump Co. (8 to 60 H. P.), Upper Sandusky, O.
NATIONAL TRANSIT PUMP & MACHINE CO. (5 to 500 H. P.), Oil City, Pa. *See adv index at end of book*
 New York Engine Co. (Diesel Type), 165 B'way, New York
 Nordberg Mfg. Co. (50 H. P. & Up), Milwaukee, Wis.
 Ottawa Mfg. Co., Ottawa, Kans.
 Otto Gas Engine Works, 33d & Walnut, Phila., Pa.

Pohl Geo. D. Mfg. Co., Vernon, N. Y.
 Power Mfg. Co. ("Primm" Crude Oil), Marion, O.
 Quincy Engine Co. (Kerosene), Chambersburg, Pa.
 Rawleigh-Schryer Co. (Kerosene), Freeport, Ill.
 Remington Oil Engine Co. (6 to 110 H. P., Marine & Stationary), Stamford, Conn.
 Rock Products Equipment Corp., 42 Church, New York.
See adv index at end of book
 St. Marys Machine Works (Also Kerosene), St. Marys, O.
 St. Marys Oil Engine Co., St. Charles, Mo.
 Salamanca Engine-Iron Co. (Kerosene), Salamanca, N. Y.
 Schramm Chris. D. & Son, 308 N. 4th, Phila., Pa.
 Smalley-General Co. (Kerosene), Bay City, Mich.
 Southwark Foundry & Machine Co. (Diesel Type), 430 Washington av, Phila., Pa.
 Standard Fuel Oil Engine Co., Wiloughby, O.
 Standard Gas Engine Co., Oakland, Cal.
 Standard Motor Const. Co. (Marine), 180 Whiton, Jersey City, N. J.
 Standard Oil Engine Co. ("Semi-Diesel" Type), Bridgeport, Conn.
 Superior Gas Engine Co. (Crude), Springfield, O.
 Union Gas Engine Co., 24 California, San Francisco, Cal.
 Union Tool Co. (Diesel Type, 25 to 125 H. P.), Los Angeles, Cal.
 Venn-Severin Machine Co., 1317 W North, Chicago, Ill.
 Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
 Worthington Pump & Machinery Corp. ("Ingeco" Diesel), 115 B'way New York.

4388— Engines (Oil, Crude)

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
JOHNSTON & JENNINGS CO., ("Loomis" 25 to 100 H. P.), Addison rd & N. Y. C. R., Cleveland, O.
See adv index at end of book
 Lyons-Atlas Co. ("Diesel" 300 to 1000 H. P.), Indianapolis, Ind.
NATIONAL TRANSIT PUMP & MACHINE CO., (5 to 1600 H. P.) Oil City, Pa. *See adv index at end of book*
 Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
 Worthington Pump & Machy. Corp., 115 Broadway, New York

4389—*Engines (Pile Driving)

See also Engines, Hoisting
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

Engines (Pile Driving)
 MANUFACTURED BY
CLYDE IRON WORKS
 DULUTH, MINN.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Engines (Pneumatic)

See Engines, Compressed Air; also Pneumatic Motors

4390—Engines (Poppet Valve)

Erie City Iron Works ("Lentz" Patent), Erie, Pa.
 Nordberg Mfg. Co., Milwaukee, Wis.
 Skinner Engine Co., Erie, Pa.

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis.
See adv index at end of book
Wiener Machinery Co., 56 Church, New York.

4391—Engines (Portable, on Wheels)

Gas, Gasoline, Naphtha, Etc
See also Engines, Hoisting, Portable; Engines, Traction; Engine, Portable, Steam
Abenaque Machine Works (Gasoline), Westminster Station, Vt.
Acme Engine Co. (Gasoline), Lansing, Mich.
American Gas Engine Co. ("Weber" 2 to 400 H. P.), Kansas City, Mo.
Ames Iron Works ("Vim," Agricultural), Oswego, N. Y.
Armstrong Mfg. Co., Waterloo, Ia.
Aultman & Taylor Machinery Co., Mansfield, O.
Buckeye Mfg. Co. ("Lambert" Gas & Gasoline, 2 to 20 H. P.), Anderson, Ind.
Buffalo Pitts Co., Buffalo, N. Y.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Case J. I. Threshing Machine Co., Racine, Wis.
Charter Gas Engine Co. ("Charter" Gasoline), Sterling, Ill.
Dice Machine Co. (Gasoline), Anderson, Ind.
Doak Gas Engine Co., Oakland, Cal.
Fairbanks, Morse & Co. (Gasoline & Kerosene), 900 S Wabash av, Chicago, Ill.
Farquhar A. B. Co. (Ltd.) (4 to 50 H. P.), York, Pa.
Foos Gas Engine Co. (2½ to 35 H. P.), 800 Monroe, Springfield, O.
Good Roads Machinery Co., Kennett Square, Pa.
Huber Mfg. Co., Marion, O.
Hydraulic Press Mfg. Co. (Gasoline), Mt. Gilead, O.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (Mogul-Titan), 702 Harvester bldg, Chicago, Ill. See adv index at end of book
Kansas City Engine Works (1½ to 8 H. P.), Kansas City, Mo.
Mead-Morrison Mfg. Co., Cor Prescott & Orleans, East Boston, Mass.
Messinger Mfg. Co., Tatamy, Pa.
Middletown Machine Co., Middletown, O.
Quincy Engine Co., Chambersburg, Pa.
St. Marys Machine Works (Gasoline & Kerosene), St. Marys, O.
Salem Iron Works, Winston Salem, N. C.
Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
Southern Engine & Boiler Works, Jackson, Tenn.
Stover Engine Works (Gasoline Single Rod), Freeport, Ill.
Thompson J. Plow Works (Gasoline), Beloit, Wis.
Union Gas Engine Co. (Gas), 24 California, San Francisco, Cal.
Whitman Agricultural Co. (1 to 10 H. P.), 7000 S B'way, St. Louis, Mo.
Wiener Machinery Co., 56 Church, New York.

4392—Engines (Portable, Steam)

ALLIS-CHALMERS MFG. CO. ("Allis"), Milwaukee, Wis.
See adv index at end of book
Ames Iron Works ("Vim," 6 to 50 H. P.), Oswego, N. Y.
Bay State Iron Works, Erie, Pa.
Brownell Co. (2 to 40 H. P.), Dayton, O.
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
Case J. I. Threshing Machine Co., Racine, Wis.
Chandler & Taylor Co. (12 to 25 H. P.), Indianapolis, Ind.
Clark Engine & Boiler Co. (6 to 25 H. P.), Kalamazoo, Mich.
Enterprise Co. (16 to 70 H. P.), Columbiana, O.
Erie City Iron Works (Throttling, 15 to 55 H. P.; also on skids), Erie, Pa.
Erie Engine Works (6 to 50 H. P.), Erie, Pa.
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Nagle Engine & Boiler Works (6 to 50 H. P.), Erie, Pa.

Oil City Boiler Works (4 to 40 H. P.), Oil City, Pa.
Union Iron Works Co., 20th & Michigan, San Francisco Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Wiener Machinery Co., 56 Church, New York.

4393—*Engines (Producer Gas)

ALLIS-CHALMERS MFG. CO. ("Allis"), Milwaukee, Wis.
See adv index at end of book

4394—*Engines (Pumping)

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (International Mogul-Titan), 702 Harvester bldg, Chicago, Ill.
See adv index at end of book

4395—Engines (Pumping, Deep Well)

Allis-Chalmers Mfg. Co. ("Allis"), Milwaukee, Wis.
See adv index at end of book
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Steam Pump Co., Battle Creek, Mich.
American Well Works, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
Bremen Mfg. Co. ("Bremen," "Caloric," Noiseless), Bremen, O.
Cameron A. S. Steam Pump Works (Steam), Bowling Green bldg., New York
See adv index at end of book
Cook August D., Lawrenceburg, Ind.
Domestic Eng. & Pump Co., Shippensburg, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
Gardner Governor Co., 14 Williamson, Quincy, Ill.
Luitwieler Pumping Engine Co. (Gasoline, Electric, Steam & Belt Driven), Rochester, N. Y.
St. Marys Machine Works (Belted or Direct Connected), St. Marys, O.
Union Steam Pump Co., Battle Creek, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4396—Engines (Pumping, Gas & Gasoline)

See also Engines, Gas & Gasoline
Advance Mfg. Co., Hamilton, O.
Aerotruth Engine Co., La Porte, Ind.

Hendricks' Commercial Register

is not a Catalog of
Advertisers alone,
but a Complete
Register of the
manufacturers and
jobbers in every line of
trade that comes within
the scope of the work.

Allman Gas Engine & Machine Co., 461 Canal, New York
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Well Works, Aurora, Ill.
See adv index at end of book
Armstrong Mfg. Co., Waterloo, Ia.
Barber Bros. (Gasoline), Syracuse, N. Y.
Bethlehem Steel Co. ("Bethlehem," Steel Gas, Embraces Vertical Triple Expansion High Duty), South Bethlehem, Pa.

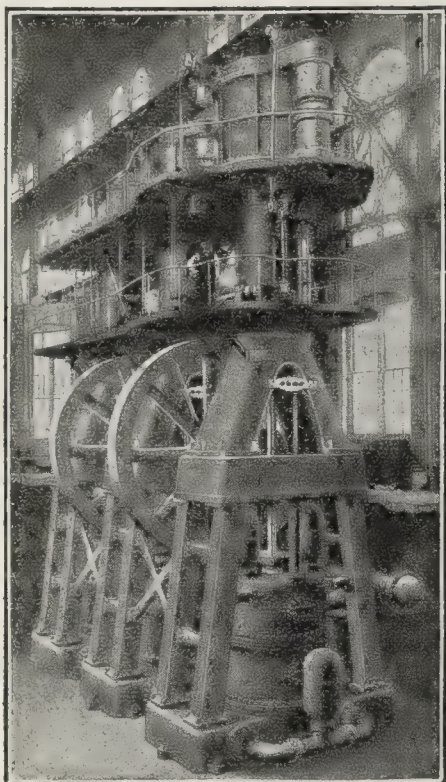
Bremen Mfg. Co. ("Caloric"), Bremen, O.
Buckeye Engine & Foundry Co., Joliet, Ill.
Callahan W. P. Co., Dayton, O.
Capital Gas Engine Co., Indianapolis, Ind.
Challenge Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Detroit Engine Works, Detroit, Mich.
Doak Gas Engine Co., Oakland, Cal.
Eau Claire Mfg. Co., Eau Claire, Wis.
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fairbanks, Morse & Co. (Type "Z," "Y," "Eclipse" & Oil), 900 S Wabash av, Chicago, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foos Gas Engine Co., 800 Monroe, Springfield, O.
Harris Pump & Supply Co., 320 2d av, Pittsburgh, Pa.

INTERNATIONAL HARVESTER CO. OF AMERICA (INC.), ("Famous," "I-H-C" Oil & Gas), 702 Harvester bldg, Chicago, Ill. See adv index at end of book
Jager Chas. J. Co., ("Mason-Jager"), 15 Custom House, Boston, Mass.
Kansas City Engine Works ("Elliott," 1½ to 8 H. P.), Kansas City, Mo.
Kewanee Private Utilities Co., West Side, Kewanee, Ill.
Luitwieler Pumping Engine Co. ("Luitwieler," Non-Pulsating, Gasoline), Rochester, N. Y.
Lunt-Moss Co., 43 S Market, Boston, Mass.
Marion Machine, Foundry & Supply Co., Marion, Ind.
Middletown Machine Co., Middletown, O.
National Transit Pump & Machine Co. (Gas, 5 to 1,600 H. P.), Oil City, Pa.
See adv index at end of book
Neponset Engine & Machine Co. ("Plume" 1 to 5 H. P.), Neponset, Boston, Mass.

New Way Motor Co., Lansing, Mich.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Otto Gas Engine Works (Gas), 33d & Walnut, Phila., Pa.
Regal Gasoline Engine Co., Coldwater, Mich.
St. Marys Machine Works (Also Oil), St. Marys, O.
Standard Gas Engine Co., Oakland, Cal.
Standard Pump & Engine Co., Akron, O.
Stickney Chas. A. Co. (for Railroad Service, etc), Fillmore & Starkey, St. Paul, Minn.
Stover Engine Works, Freeport, Ill.
Superior Gas Engine Co., Springfield, O.
Warner Elev. Mfg. Co. ("Warner"), Warner, Ill.
Waterloo Gasoline Engine Co., 625 Miles Waterloo, Ia.
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.
WESTINGHOUSE ELECTRIC MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
White-Blakeslee Mfg. Co., Birmingham, Ala.
Whitman Agricultural Co. (1 to 10 H. P.), 7000 S B'way, St. Louis, Mo.

4397—Engines (Pumping, High Duty)

ALLIS-CHALMERS MFG. CO. ("Reynolds" Triple Expansion & Compound, Horizontal & Vertical), Milwaukee, Wis. See adv index at end of book
American Gas Engine Co. ("Weber"), Kansas City, Mo.
American Well Works, Aurora, Ill.
See adv index at end of book
Davidson M. T. Co., Tribune bldg, New York
Dubois Iron Works, Dubois, Pa.
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.



Hamilton High Duty Pumping Engines Cane Sugar Machinery Hamilton Air and Gas Compressors Special Heavy Castings

WRITE FOR BULLETIN "H"

THE HOOVEN, OWENS,
RENTSCHLER CO.
HAMILTON, OHIO, U. S. A.

HOOVEN, OWENS, RENTSCHLER CO.

Hamilton, O. *See adv index at end of book*
Luitwieler Pumping Engine Co. ("Non-Pulsating"), Rochester, N. Y.
Morris I. P. Co., Beach & Ball, Phila., Pa.
Murray Iron Works Co., Central av & Washington, Burlington, Ia.

NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa.

See adv index at end of book
Nordberg Mfg. Co., Milwaukee, Wis.
Platt Iron Works Co. ("Smith-Vaile"), Dayton, O.

Tod Wm. Co., Youngstown, O.
Union Steam Pump Co., Battle Creek, Mich.
Wagner Steam Pump Co., Canton, O.
Weinman Pump Mfg. Co., Columbus, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book
Wetherill Robt. & Co., Chester, Pa.
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.
Wood R. D. & Co., 400 Chestnut, Phila., Pa.
Worthington Pump & Machy. Corp., 115 B'way, New York

4398—Engines (Pumping, Hot Air)

American Machine Co. ("Denney Improved Rider-Ericsson"), Newark, Del.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bremen Mfg. Co. ("Bremen" Caloric Noiseless), Bremen, O.
Rider-Ericsson Engine Co., 20 Murray, New York
Slocomb F. F. & Co. (Oscillating), 14th & Poplar, Wilmington, Del.
Smith Winfield H. ("Essex" Hot Air Only), Buffalo, N. Y.

4399—Engines (Pumping, Hydraulic)

See also Hydraulic Rams
ALLIS-CHALMERS MFG. CO. ("Allis"), Milwaukee, Wis.
See adv index at end of book
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
Jennings Pump & Dredge Co., 305 N. Michigan av. Chicago, Ill.
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book

4400—*Engines (Pumping, Triple Expansion)

ALLIS-CHALMERS MFG. CO., ("Allis"), Milwaukee, Wis.
See adv index at end of book
National Transit Pump & Machine Co., Oil City, Pa.
See adv index at end of book

4401—*Engines (Quarry)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

4402—Engines (Reversing)

See also Engines, Rolling Mill
ALLIS-CHALMERS MFG. CO. ("Allis," Horizontal & Vertical), Milwaukee, Wis. *See adv index at end of book*
Augustine Automatic Rotary Engine Co., Buffalo, N. Y.
Buckeye Engine Co., Salem, O.
Byers Jno. F. Machine Co., 242 So Sycamore, Ravenna, O.
See adv index at end of book
Lake Shore Engine Works (For Mine Use), Marquette, Mich.
Mackintosh, Hemphill & Co. (Rolling Mill), Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
Nagle Corliss Engine Works, Erie, Pa.
Tod Wm. Co. (Twin Cylinder and Twih. Tandem Componud), Youngstown, O.

4403—*Engines (Reversing Cable-Way)

See also Engines, Hoisting
CLYDE IRON WORKS (Complete with Boiler), Duluth, Minn.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

4404—*Engines (Rocking Valve)

ALLIS-CHALMERS MFG. CO. ("Allis"), Milwaukee, Wis.
See adv index at end of book

4405—Engines (Rolling Mill)

See also Rolling Mill Machinery
ALLIS-CHALMERS MFG. CO. ("Allis," Steam), Milwaukee, Wis.
See adv index at end of book

Augustine Automatic Rotary Engine Co. (5 H. P. & Up), Buffalo, N. Y.
Cooper C. & G. Co., Mt. Vernon, O.
HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton" Corliss), Hamilton, O.
See adv index at end of book
Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
Mackintosh, Hemphill & Co., Pittsburgh, Pa.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
Murray Iron Works Co. (Corliss), Central av & Washington, Burlington, Ia.
Nagle Corliss Engine Works, Erie, Pa.
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York
Newbold R. S. & Son Co., Norristown, Pa.
Nordberg Mfg. Co., Milwaukee, Wis.
Portland Co., Portland, Me.
Reading Iron Co., Reading, Pa.
St. Louis Iron & Machine Works, 126 Chouteau av, St. Louis, Mo.
Tod Wm. Co., Youngstown, O.
Wellman-Seaver-Morgan Co., Cleveland, O.

4406—Engines (Rotary)

Augustine Automatic Rotary Engine Co. ("Augustine" Automatic), Buffalo, N. Y.
Chamberlain J. H. D. Co. ("Cooper" Gas & Steam), Springfield, Mass.
Eagle-Macomber Motor Car Co., ft. 1st, Sandusky, O.
Lucey Mfg. Corp. of Tenn. (Oil & Gas Well), Chattanooga, Tenn.
Motsinger Rotary Engine Co., Fredonia, Pa.
Randolph L. W. Inc. (Steam), 9 Clinton, Newark, N. J.

4407—Engines (Self-Oiling)

American Blower Co., 1400 Russell, Detroit, Mich.
GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4408—*Engines (Semi-Diesel)

GERDES T. N., 123 Liberty, New York.
See adv index at end of book

4409—Engines (Steam)

All other Lists of Engine Builders in this book are duplicates of this List, excepting Engines, Gas & Gasoline of various kinds, and Engines, Traction; Engines, Oil; Engines, Hot Air; Engines, Hoisting, & Locomotive Builders.

ALABAMA.

BIRMINGHAM—Birmingham Machine & Fdry. Co., E. Birmingham
Continental Gin Co. (For Cotton Ginning Outfits)
Hardie-Tynes Mfg. Co. (Automatic & Throttling)
MONTGOMERY—Janney & Co.
SELMA—Union Iron Works Co.

ARKANSAS.

FORT SMITH—Ketcham Iron Co.

CALIFORNIA.

BERKELEY—Jackson Byron Iron Works (Cross Compound)
GRASS VALLEY—Taylor Foundry & Engineering Co.
LOS ANGELES—Fulton Engine Works
Union Iron Works
Union Tool Co.
SAN FRANCISCO—California Hydraulic Engineering & Supply Co., 70 Fremont
Cyclops Iron Works, 837 Folsom
Evans C. H. & Co. (Marine), 187 Fremont
Garratt W. T. & Co., 299 Fremont
Golden State & Miners' Iron Works, 249 1st
Harron, Rickard & McCone, 139 Townsend
Hendy Joshua Iron Works (Automatic & Corliss), 75 Fremont
Murray Bros. Machine Works, 233 Folsom

Ohmen Engine Works, 17th & Capp
Union Iron Works Co. (Automatic),
20th & Michigan
Vulcan Iron Works, 1849 Kearny
STOCKTON—Stockton Iron Works

COLORADO.

DENVER—Card C. S. Iron Works Co.
McFarlane Mfg. Co., 3309 Blake
Stearns-Roger Mfg. Co.

CONNECTICUT.

BRIDGEPORT—American & British Mfg.
Co. ("Corliss" or "Green Wheel-
lock")
Coulter & McKenzie Machine Co.
(Marine)
NEW HAVEN—Rowland Machine Co.
Twiss Nelson W. (Automatic)
NEW LONDON—New London Marine &
Iron Works

DELAWARE.

WILMINGTON—Harlan & Hollingsworth
Corporation (Marine), ft West
Pusey & Jones Co. (Stationary), ft
Poplar

FLORIDA.

JACKSONVILLE—Merrill - Stevens Co.
(Marine)

GEORGIA.

MACON—Mallery & Roper Co. (Center &
Side Crank Balance Valve)
Schofield's J. S. Sons Co. (Plain Slide
& Balanced Valve)
NEWMAN—Cole R. D. Mfg. Co. (Plain
Slide & Balance Valve)
SAVANNAH—Kehoe Iron Works

ILLINOIS.

BELLEVILLE—Harrison Machine Works
("Jumbo")
CHICAGO—**ALLIS-CHALMERS MFG. CO.**
("Allis," Corliss, Simple, Com-
pound, Hoisting, Blowing, Tan-
dem & Tripple Expansion, etc.)
Peoples Gas bldg.
See adv index at end of book
Buckeye Engine Co. (of Salem, O.),
Marquette bldg.
Carpenter Geo. B. & Co., 440 Wells
Chicago Ship Building Co. (Marine),
101st & Calumet River
GRISCOM-RUSSELL CO. ("Russell"
Automatic & 4 Valve Engines)
See adv index at end of book
Haberkamp Wm. Machine Works, 442
Wells
Jennings Pump & Dredge Co., 305 N
Michigan av.
Marine Iron Works, 2036 Dominick
New York Blower Co. (Side & Center
Crank), Archer av. & Canal,
Works: Bucyrus, O.
Wachs E. H. Co. (Vertical), 149 W
Grand av
WESTINGHOUSE ELECTRIC & MFG.
CO. (of Pittsburgh, Pa.), Conway
bldg.
GALENA—Westwick John & Son (2 to 20
H. P.)
GALESBURG—Frost Mfg. Co. (Automatic
& Throttling, Side & Centre
Crank)
JOLIET—Bates Machine Co.
LITCHFIELD—Litchfield Foundry & Ma-
chine Co.
MATTOON—Chuse Engine & Mfg. Co.
(Single Valve, 30 to 400 H. P.,
Four-Valve, 75 to 450 H. P.)
ROCKFORD—Emerson-Brantingham Co.
SPRINGFIELD—Ide A. L. & Sons
("Ideal," Automatic Self-Oiling,
Simple & Comp'd)
STREATOR—Graves L. L.

INDIANA.

ANGOLA—Angola Engine & Foundry Co.
BLUFFTON—Grimes Geo. W. Co.
BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Holtz Co.
INDIANAPOLIS—Chandler & Taylor Co.
(Automatic Cut-Off, Plain Slide
Valve, Tandem Compounds, Cross
Compounds, Single Valve, Throt-
tling, Simple, Self-Contained,
Heavy Duty, Splash Oiling, High
Speed, etc)
Sinker-Davis Co.

LA PORTE—Rumely M. Co. ("Rumely"
Poppet Valve)

IOWA.

BURLINGTON—Murray Iron Works Co.
DES MOINES—Wood Bros. Thresher Co.
McDonnell Boiler & Iron Works
OTTUMWA—Ottumwa Iron Works (Also
Air)

KANSAS.

ENTERPRISE—Ehram J. B. & Sons Mfg.
Co.

KENTUCKY.

COVINGTON—Houston, Stanwood & Gam-
ble Co. (Throttling, Standard,
Duty, etc)
LEXINGTON—Lexington Engine & Boiler
Works
LOUISVILLE—Grainger & Co.
Vogt Henry Machine Co.

LOUISIANA.

NEW ORLEANS—Dibert, Bancroft &
Ross Co. Ltd., Tulane & Hagan av
Johnson Iron Works (Ltd.) Morgan
& Sequin
Murphy Jno. H., 643 Magazine
Swoop Julian M. (Slide Valve), 913
Girod
SHREVEPORT—Henderson W. K. Iron
Works & Supply Co.

MAINE.

BATH—Bath Iron Works, Ltd.
HALLOWELL—Davenport S. F. (Yacht)
Fuller's G. Sons
MECHANIC FALLS—Penney J. W. &
Sons Co. (Automatic, 8 to 35
H. P.)
PORTLAND—Adde & Co.
Orr & Jennings

MARYLAND.

BALTIMORE—Baltimore Dry Dock &
Ship Bldg. Co., Locust Point
Cahill W. S. Co., ft of Webster
Codd E. J. Co., 700 S Caroline
Marine Engine & Boiler Co. (Marine),
Philpot & Point
CUMBERLAND—McKaig Merwin (10 to
100 H. P.)
SPARROWS POINT—Maryland Steel Co.
(Marine, etc)

MASSACHUSETTS.

BOSTON—Atlantic Works (Marine), 80
Border, East Boston
Bertelsen & Petersen Engineering Co.,
256 Border
Fitzhenry E. L. & Co., 49 Wash'n N.
Lockwood Mfg. Co. (Marine), 65 Sum-
ner, E. Boston
Mead-Morrison Mfg. Co., cor Prescott
& Orleans, East Boston
Nelson Blower & Furnace Co., L. &
Elkins
STURTEVANT B. F. CO. ("Sturte-
vant"), 15 Damon, Hyde Park
See adv index at end of book
BRIDGEWATER—Continental Gin Co.
FITCHBURG—Brown Engine & Machine
Co. (Automatic, 650 H. P.)
Fitchburg Steam Engine Co. ("Fitch-
burg," Automatic, Simple & Com-
pound Vertical, Horizontal &
High Speed, 20 to 1,500 H. P.)
QUINCY—Fore River Shipbuilding Corp.,
(Marine)
TAUNTON—Mason Machine Works
WORCESTER—Burlingame A. Co. (High
Speed Automatic & Semi-Port-
able)
Union Machine Co. (3 to 30 H. P.)

MICHIGAN.

ALMA—Montigel J. M.
ALPENA—Kline Lewis T.
COMSTOCK—Peer Mfg. Co. ("Climax"
Automatic High Speed, Self Con-
tained Centre Crank)
DETROIT—American Blower Co. ("A. B.
C."), 1400 Russell
Detroit River Iron Works
Detroit Ship Building Co.
Fuller Co.
Great Lakes Engineering Works

HANCOCK—Portage Lake Foundry & Ma-
chine Co. (Stationary & Marine)
KALAMAZOO—Clarage Fan Co., North &
Porter
Clark Engine & Boiler Co. (Horizontal
& Vertical, up to 125 H. P.)
LAPEER—McDonald Wm. Sons
MARQUETTE—Lake Shore Engine Works
(Corliss Hoisting, etc)
SAGINAW—Bartlett A. F. & Co. (Corliss,
Slide Valve & Hoisting, etc)
Wickes Bros. *See adv index at end of book*
ST. JOHNS—Richmond & Holmes
ST. JOSEPH—Engberg Electric & Me-
chanical Works

MINNESOTA.

DULUTH—**CLYDE IRON WORKS**
See adv index at end of book
Duluth Iron Works
National Iron Co. (Automatic & Cor-
liss)
MANKATO—Mankato Mfg. Co.

MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.

MISSOURI.

ST. LOUIS—Fritz Geo. J. Foundry & Ma-
chine Co., 2008 S 3d
Fulton Iron Works, 1295 Delaware av
St. Louis Iron & Machine Works (Cor-
liss), 126 Chouteau av
South St. Louis Foundry Co. ("Auto-
matic" & Slide Valve), 7514 S
B'way
SPRINGFIELD—United Iron Works Co.

NEBRASKA.

FREMONT—Fremont Foundry & Machine
Co.

NEW HAMPSHIRE.

LANCASTER—Thompson Mfg. Co.
NASHUA—Rollins Engine Co. (Automatic
Cut Off, 20 to 600 H. P.)

NEW JERSEY.

BOUND BROOK—American Engine &
Electric Co. (High Speed)
BRIDGETON—Cox & Sons Co.
CAMDEN—New York Shipbuilding Co.
CARTERET—**WHEELER CONDENSER &
ENGINEERING CO.** ("Wheeler")
See adv index at end of book
HOBOKEN—Fletcher W. A. & Co.
JERSEY CITY—Griscom - Russell Co.
("Russell" Automatic & 4 Valve
Engines), 72 York
Smith Theo. & Sons Co., ft Essex
NEWARK—Hewes & Phillips Iron Works,
8 Orange
Mundy J. S., Hoisting Engine Co., 722
Frelinghuysen av.
See adv index at end of book
Skinner & Leary Co., 19 Com'l
Watts-Campbell Co. (Improved Cor-
liss), 298 Ogden
NEW BRUNSWICK—Brunswick Refriger-
ating Co.
PATERSON—Sipp Machine Co. (Miniature
& Toy Engines)
PERTH AMBOY—Perth Amboy Dry Dock
Co. (Marine or Stationary)
Schantz & Eckert (Marine, etc)
TRENTON—**CROSSLEY MACHINE CO.**,
(Marine), State & Chestnut av
See adv index at end of book
Mackenzie's Duncan Sons Co.

NEW YORK.

ALBANY—Skinner & Arnold (Marine &
Stationary)
AUBURN—Quick & Thomas Co.
BALDWINVILLE—Morris Machine Wks
(1½ to 1000 H. P.)
BUFFALO—Augustine Automatic Rotary
Engine Co. (5 H. P. & Up)
Buffalo Forge Co. (High Speed Auto-
matic)
Buffalo Foundry & Machine Co., 65
Winchester av.
See adv index at end of book
Buffalo Pitts Co.
Frontier Engine Works, 9 Perry
CLYDE—Wood S. W. Engine Co.
FRANKFORT—Acme Road Machy. Co.
(Stationary & Portable)
NEWBURGH—Alberger Pump & Conden-
ser Co. (Slide Valve), Office, New
York

NEW YORK CITY.**Borough of Brooklyn**

BROOKLYN—Pioneer Iron Works, 149 Pioneer

Pioneer Machine Works, 75 Delevan

Boroughs of Manhattan and Bronx.

NEW YORK—Alberger Pump & Condenser Co. (Slide Valve), 140 Cedar

ALLIS-CHALMERS MFG. CO. ("Allis," Corliss), Simple, Compound, Hoisting, Blowing Tandem & Triple Explosion, etc.), 50 Church

See adv index at end of book

Ames Iron Works (16 to 100 H. P.), 85 Liberty. Works: Oswego, N. Y.

BEGGS JAMES & CO., 30 Warren, New York

Buckeye Engine Co., 39 Cortlandt. (See Salem, O.)

Gas Engine & Power Co., & Chas. L. Seabury & Co., Morris Heights

GODFREY-KEELER CO. (Horizontal), 70 Warren

See adv index at end of book

GRISCOM-RUSSELL CO. ("Russell" Automatic & 4 Valve Engines), 92 West *See adv index at end of book*

Hamilton-Low Co. (To Order Only), 145 E 42d

HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton," Corliss & Medium Speed 4 Valve), 39 Cortlandt

See adv index at end of book

Howard & Morse ("Solano" High Speed), 46 Fulton

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

MacKenzie, Quarrier & Ferguson, 2 Rector

Quintard Iron Works Co. (Marine), 742 E 12th

Rothchild Engine Co., 102 Centre

Struthers-Wells Co., 50 Church. Works: Warren, Pa.

STURTEVANT B. F. CO., ("Sturtevant"), 52 Vanderbilt av, Works: Hyde Park, Boston, Mass.

See adv index at end of book

Sullivan John W. Co. (Marine), 827 E 9th

WESTINGHOUSE ELECTRIC & MFG. CO., THE, 8 Bridge; Works: E Pittsburgh, Pa.

See adv index at end of book

Wiener Machinery Co., 56 Church

Worthington Pump & Machy. Corp. (High Speed), 115 B'way, New York

Borough of Queens.

LONG ISLAND CITY—L. I. Machine & Marine Construction Co., ft of East av

(End of New York City)

NUNDA—Foote Mfg. Co.

OLEAN—Clark Brothers Co.

OSWEGO—Ames Iron Works ("Vim & Regal" Automatic and Throttling, "Stumpf Una-Flow" Automatic High Speed, 10 to 600 H. P.)

Kingsford Foundry & Machine Works

SYRACUSE—Barber Bros.

TROY—Knowlson & Kelley

UTICA—Utica Steam Engine & Boiler Works

VERNON—Pohl Geo. D. Mfg. Co.

NORTH CAROLINA.

CHARLOTTE—Liddell Co. ("Chambers," Balanced Valve & Plain Slide Valve)

Mecklenburg Iron Works

GREENSBORO—Sergeant Mfg. Co.

WINSTON SALEM—Salem Iron Works (Centre Crank)

OHIO.

AKRON—Star Drilling Machine Co. (Up-right)

Wellman-Seaver-Morgan Co. (Automatic, Corliss, Hoisting, etc)

BUCYRUS—New York Blower Co. (Side & Center Crank) (See Chicago, Ill.)

CINCINNATI—Lane & Bodley Co. ("Corliss," Four Valve Slide Valve), Tenn, av & Paddock rd

Randle Machinery Co., Power & C. H. & D. Ry

Steigert L. Co., Logan & Elder

CLEVELAND—American Ship Building Co.

Lord Bowler Co.

COLUMBIANA—Enterprise Co. (Automatic, 25 to 200 H. P.) (Center Crank, 25 to 45 H. P.)

DAYTON—Brownell Co. (Automatic & Slide Valve)

Dayton Engine Works

HAMILTON—HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton," Corliss & Medium Speed 4 Valve)

See adv index at end of book

LIMA—Golley & Finley Iron Works

MANSFIELD—Aultman & Taylor Machinery Co.

MARIETTA—Pattin Bros. Co.

MARION—Huber Mfg. Co. (Traction & Portable, 16 to 30 H. P.)

MOUNT VERNON—Cooper C. & G. Co. ("Corliss," "Rolling Mill")

NEWARK—Scheidler Machine Works Co.

POMEROY—Pomeroy Machine Co.

SALEM—Buckeye Engine Co. (Automatic; Simple & Compound, Horizontal & Vertical, Direct Connected or Belted, 25 H. P. Up)

SPRINGFIELD—Kelly O. S. Co.

Leffel James & Co. (Automatic, 10 to 50 H. P., also Throttling), 500 Lagonda

Trump Mfg. Co. (8 to 20 H. P.)

TOLEDO—Toledo Foundry & Machine Co.

Toledo Ship Building Co.

YOUNGSTOWN—United Engineering & Foundry Co.

ZANESVILLE—Griffith & Wedge Co.

OREGON.

ALBANY—Albany Iron Works

PORTLAND—Honeyman Hardware Co., 9th & Hoyt

Phoenix Iron Works (Marine)

Portland Iron Works, 14th & Northrup

Willamette Iron & Steel Works

PENNSYLVANIA.

BANGOR—Flory S. Mfg. Co. (Slide Valve, etc)

BRADFORD—Bovaird & Co.

Boviard & Seyfang Mfg. Co.

CHESTER—Wetherill Robt. & Co. (Stationary)

CONNELLSVILLE—Connellsville Machine & Car Supply Co.

CORRY—Ajax Iron Works

DANVILLE—Danville Foundry & Machine Co.

EAST PITTSBURGH—WESTINGHOUSE ELECTRIC & MFG. CO. (Automatic) *See adv index at end of book*

ERIE—Ball Engine Co. (Single Valve, Automatic, 25 to 600 H. P.)

Bay State Iron Works (Stationary & Marine)

Erie City Iron Works (Four Valve Automatic Cut-Off, High & Medium Speed, Single Valve, Automatic Cut-off & Throttling Governor Engines, "Lentz" Patent)

Erie Engine Works (Automatic Cut-off, etc)

Erie Pump & Equipment Co.

Nagle Corliss Engine Works (Automatic)

Nagle Engine & Boiler Works (6 to 130 H. P.)

Skinner Engine Co. (50 to 750 H. P.)

HAMBURG—Snell John H. & Sons

HARRISBURG—Harrisburg Fdry. & Machine Works ("Fleming" Side & Center Crank Automatic)

KENNETT SQUARE—American Road Machinery Co.

LEBANON—Weimer Machine Works Co.

MAHANOEY CITY—Grant Iron Works

MEADVILLE—Phoenix Iron Works Co. (Automatic, 20 to 600 H. P.)

NORRISTOWN—Newbold R. S. & Son Co. (Slide Valve)

OIL CITY—Oil City Boiler Works (20 to 150 H. P.)

Oil Well Supply Co.

PHILADELPHIA—Baizley Jno. Iron Works, 514 S Delaware av

Cox & Sons Co., 5th & Chestnut

Cramp Wm. & Sons Ship & Engine Building Co. (Marine), Beach & Ball

GRISCOM-RUSSELL CO. ("Russell" Automatic & 4 Valve Engines)

See adv index at end of book

PITTSBURGH—Carlin John H. Machine Co.

Combination Engine Co., 3148 Penn av

Mackintosh, Hemphill & Co. (Heavy Rolling Mills, etc)

RESTA MACHINE CO.

See adv index at end of book

Miltholland J. & J. B. Co. (Hoisting, Hauling, etc), 714 5th av

Oil Well Supply Co., 215 Water

Rees Jas. & Sons Co., 18 4th

United Engineering & Foundry Co., 307 5th av

READING—Orr & Sembower

Reading Iron Co.

RIDGWAY—Ridgway Dynamo & Eng. Co.

SCOTTDAL—Scottdale Machine & Mfg. Co. (Corliss)

SCRANTON—Finch Mfg. Co.

STROUDSBURG—Stroudsburg Engine Wks

TATAMY—Messinger Mfg. Co. (Automatic 3 to 25 H. P.)

TITUSVILLE—Titusville Iron Co.

Young E. R. & Sons

TROY—Troy Engine & Machine Co. (Jno. A. Parsons, Prop.)

TYRONE—Stine J. C. Co. (Haulage, etc)

WAYNESBORO—Frick Co.

WILLIAMSPORT—Rothfuss-Howard Iron Works

Valley Iron Works (Automatic, High Speed, Electric, Enclosed, Self-Oiling)

YORK—Farquhar A. B. Co. (Ltd.) (Centre Crank)

Hench & Dromgold Co.

Motter's Geo. F. Sons

RHODE ISLAND.

BRISTOL—Herreshoff Mfg. Co. (Marine)

PROVIDENCE—American & British Mfg. Co. ("Corliss" & "Green Wheel-och"), Charles

Cruikshank Engine Co., 286 Dyer

Excelsior Steam Engine & Machine Co., 32 Friendship

Fuller Iron Works, 40 Tockwotton

Harris-Corliss Engine & Machine Co. (Corliss Repairing a Specialty), Park

Providence Engineering Corp. ("Rice" & "Sargent," Corliss Type), 521 S Main

SOUTH CAROLINA.

ANDERSON—Anderson Machine & Foundry Co.

CHARLESTON—Valk & Murdoch Co.

COLUMBIA—Gibbes Machinery Co.

Willis John A.

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Lookout Boiler Mfg. Co.
Walsh & Weidner Boiler Co.
Wheland Co. (Centre & Side Crank)
JACKSON—Southern Engine & Boiler
Works (Corliss Slide Valve &
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MEMPHIS—Ellis Wm. C. & Sons Iron
Works
NASHVILLE—Nashville Machine Co.
Stewart Bruckner Co.

TEXAS.

CORSICANA—American Well & Prospect-
ing Co.
FORT WORTH—Van Zandt-Moore Iron
Works
GALVESTON—McDonough Iron Works
Walsh & Cleary
SHERMAN—Washington Iron Works
TEXARKANA—De Marce Mrs. A.

UTAH.

SALT LAKE CITY—Silver Bros. Iron
Works Co.
Trent Engineering & Machinery Co.

VIRGINIA.

ALEXANDRIA—Aitcheson J. & H.
Emerson Engine Co.
BERKELEY—Old Dominion Marine Rail-
way Corp'n
NEWPORT NEWS—Newport News Ship
Building & Dry Dock Co. (Marine)
NORFOLK—Godwin, Thos. W. & Co.
Smith & McCoy

WASHINGTON.

SEATTLE—Heffernan Engine Works
Northwestern Iron Works (Marine)
Seattle Construction & Dry Dock Co.
Washington Iron Works (Slide Valve)
SPOKANE—National Iron Works
Union Iron Works
TACOMA—Puget Sound Iron & Steel
Works

WEST VIRGINIA.

CLARKSBURG—Osborn's J. F. Sons
PARKERSBURG—Parkersburg Machine
Co. (For Oil Country)

WISCONSIN.

EAU CLAIRE—Phoenix Mfg. Co. (Heavy
Duty, Rocking Valve Slide)
MANITOWOC—Manitowoc Shipbuilding Co.
(Marine)
Richards H. C.
MILWAUKEE—**ALLIS-CHALMERS MFG.**
CO. ("Allis" Corliss, Simple,
Compound Hoisting, Blowing,
Tandem & Triple Expansion, etc)
See adv index at end of book
Bayley Mfg. Co. (Horizontal & Verti-
cal, Solid & Center Crank Type)
Filer & Stowell Co. (Slide Valve,
Rocking Valve, etc)
Nordberg Mfg. Co. (Corliss, Blowing,
Hoisting, Reversing, etc)
VILTER MFG. CO. (Corliss & Slide
Valve), 1046 Clinton
See adv index at end of book
RACINE—Racine Engine & Machine Co.
(Vertical, Automatic, for Driving
Electrical Apparatus, etc)
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg Iron Works
SUPERIOR—Superior Ship Building Co.
(Marine "Jumbo")

Engines (Steam Turbine)

See Turbines, Steam

4410—*Engines (Steering)

ELMES CHAS. F. ENGINEERING WKS.
(INC.), cor Fulton & Sangamon, Chi-
cago, Ill. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty,
New York *See adv index at end of book*

4411—*Engines (Street Railway, Steam)

ALLIS-CHALMERS MFG. CO. ("Allis"),
Milwaukee, Wis.
See adv index at end of book

4412— Engines (Swinging)

See also Engines, Hoisting

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
Dobbie Foundry & Machine Co., Main Of-
fice & Works: Niagara Falls, N. Y.
LIDGERWOOD MFG. CO. (For Swinging
Derricks), 96 Liberty, New York
See adv index at end of book
Mead-Morrison Mfg. Co., cor Prescott &
Orleans, East Boston, Mass.
National Iron Co., Duluth, Minn.
Stroudsburg Engine Wks., Stroudsburg, Pa.
Superior Iron Works Co., Superior, Wis.

4413—Engines (Traction, Gasoline)

Abenaque Machine Works ("Abenague"),
Westminster Station, Vt.
Advance Mfg. Co. ("Hamilton Advance"),
Hamilton, O.
Advance-Rumely Co. ("All Purpose," "Ad-
vance," "Gear Scott," "Tiger Pull"),
La Porte, Ind.
ALLIS-CHALMERS MFG. CO., Milwaukee,
Wis. *See adv index at end of book*
American Gas Engine Co. ("Weber"),
Kansas City, Mo.
Angola Engine & Foundry Co., Angola,
Ind.
Aultman & Taylor Machinery Co. (8 to
25 H P, Portable), Mansfield, O.
Avery Co. ("Avery"), Peoria, Ill.
Badger Gas & Gasoline Engine Co., Kan-
sas City, Kan.
Bates Tractor Co. ("Bates"), Lansing,
Mich.
Bauroth Bros., Springfield, O.
Beeman Garden Tractor Co. ("Beeman"),
711 5th av, N E, Minneapolis, Minn.
Best C. L. Gas Traction Co. ("Best"), Oak-
land, Cal.
Buckeye Mfg. Co. ("Lambert," 10-15 & 25
H P), Anderson, Ind.
Buffalo-Pitts Co., Buffalo, N. Y.
Bull Tractor Co. ("Big Bull"), 2628 Univ.
av S E, Minneapolis, Minn.
Bullock Tractor Co. ("Creeping Grip"),
1801 Diversey blvd, Chicago, Ill.
Case J. J. Threshing Machine Co.
("Case"), Racine, Wis.
Chief Tractor Mfg. Co. ("Chief"), Ecorse,
Detroit, Mich.
Cleveland Motor Plow Co. ("Euclid"),
Cleveland, O.
Commonwealth Tractor Co. ("Neverslip"),
Kansas City, Mo.
Corn Belt Tractor Co. ("Corn Belt"), 2701
Univ. av S E, Minneapolis, Minn.
Cushman Motor Works, Lincoln, Neb.
Dauch Mfg Co. ("Sandusky"), Sandusky,
Ohio
Dayton-Dick Co., Quincy, Ill.
Denning Tractor Co. ("Denning"), Cedar
Rapids, Ia.
Detroit Engine Works, Detroit, Mich.
Diamond Iron Works ("Diamond" Gas),
2d & 18th av, N Minneapolis, Minn.
Doman H. C. Co., Oshkosh, Wis.
Eagle Mfg. Co. (Gas "Eagle"), Appleton,
Wis

ELECTRIC WHEEL CO., Station D,
Quincy, Ill. *See adv index at end of book*
Elliott G. W. & Co. ("Dakota"), De Smet,
S. Dak.
Emerson-Brantingham Co. ("Big Four,"
"Emerson," "Reeves"), Rockford, Ill.
Enterprise Machine Co., 1118 S 3d, Minne-
apolis, Minn.
Fairmont Gas Engine & Ry. Motor Car Co.
(Farm Tractor), Fairmont, Minn.
Famous Mfg. Co. ("Champion"), East
Chicago, Ind.

Farquhar A. B. Co., Ltd., York, Pa.
Galion Iron Works & Mfg. Co., Galion, O.
Gile Tractor & Engine Co. ("Gile"), Lud-
ington, Mich.
Gray Tractor Mfg. Co. ("Gray"), 1030 N E
Marshall, Minneapolis, Minn.
Happy Farmer Co. ("Happy Farmer"), 322
3d av, Minneapolis, Minn.
Hart-Parr Co. ("Hart-Parr," "Little
Devil," "Oil King," "Old Reliable,"
"Steel King"), Charles City, Ia.
Heer Engine Co. ("Heer"), Portsmouth, O.
Hendy Joshua Iron Works, 75 Fremont,
San Francisco, Cal.
Hoke Tractor Co. ("Hoke"), South Bend,
Ind.
Holmes Tractor Co. ("Holmes Little
Giant"), Port Clinton, O.
Holt Mfg. Co. (Caterpillar Type), Peoria,
Ill.

Huber Mfg. Co. ("Huber Light 4"), Mar-
ion, O.
Hume Mfg Co. ("Hume Junior"), Hume,
Ill.
Joliet Oil Tractor Co. (Bates Steel Mule),
Joliet, Ill.
Kansas City Hay Press Co. (10 to 40 H
P), Kansas City, Mo.
Killen-Strait Mfg. Co. ("Straits"), Apple-
ton, Wis.
Kinnard-Haines Co. ("Kinnard," "Flour
City"), 44th av N & Bryant, Min-
neapolis, Minn.
Knox Motors Co. ("Knox"), Springfield,
Mass.
Lauson John Mfg. Co. ("Lauson"), New
Holstein, Wis.
Lawter Tractor Co. ("Lawter"), St. Marys,
Ohio
Lion Tractor Co. ("Lion"), Sec. Bk. bldg.
Minneapolis, Minn.
McIntyre Mfg. Co. ("Farmer Boy"),
172 W Locust, Columbus, O.
Mayer Bros. Co., Mankato, Minn.
Minneapolis Threshing Machine Co., 226
N 2d, Minneapolis, Minn.
Moline Plow Co. ("Moline Universal"),
Moline, Ill.
Morton Truck & Tractor Co. ("Morton"),
Harrisburg, Pa.
Nat'l Pulley & Mfg. Co. ("Paramount"
Gas), Webster bldg, Chicago, Ill.
New Way Motor Co., Lansing, Mich.
Nilson Farm Machine Co. ("Nilson"), 426
Wash av N, Minneapolis, Minn.
Ohio Mfg. Co., Upper Sandusky, O.
Orchard Machy. Mfg. Co., Gasport, N. Y.
Parrett Tractor Co. ("Parrett"), 343 S
Dearborn, Chicago, Ill.
Peoria Tractor Co. ("Peoria"), Peoria, Ill.
Phoenix Mfg. Co., Eau Claire, Wis.
Pioneer Tractor Mfg. Co. ("Pioneer"),
Winona, Minn.
Pittsburgh Model Engine Co. (4 & 6
Cylinder Vertical), Pittsburgh, Pa.
Price G. W. Pump & Engine Co., 33 Stev-
enson, San Francisco, Cal.
Quincy Engine Co., Chambersburg, Pa.
Rock Island Plow Co. ("Heider"), Rock
Island, Ill.
Rumely M. C. Co. ("Hoosier"), Rock
Porte, Ind.
Russell & Co., Massillon, O.
St. Paul Machinery Mfg. Co. ("St.
Paul"), Como & Marion, St. Paul,
Minn.
Shirk P. E., Blue Ball, Pa.
Simplex Tractor Co. ("Simplex"), 1611
Central av, Minneapolis, Minn.
Standard Detroit Tractor Co. ("Standard
Detroit"), 1506 Fort, W. Detroit, Mich.
Stickney Chas. A. Co., Tillmore & Starkey,
St. Paul, Minn.
Stover Engine Works, Freeport, Ill.
Strite Tractor Co., 307 S 3d, Minneapolis,
Minn.
Sweeney Tractor Co. ("Sweeney's Iron
Horse"), Kansas City, Mo.
Transport Tractor Co., 93 Sunswick, Long
Island City, N. Y.
Vincennes Tractor Co., Vincennes, Ind.
Waite Tractor Co. ("Waite"), Elgin, Ill.
Wallis Tractor Co. ("Wallis," "Cub" &
"Bear"), Racine, Wis.
Ward Tractor Co. ("Ward"), Lincoln, Neb.
Waterloo Gasoline Engine Co. ("Waterloo
Boy"), 625 Miles, Waterloo, Ia.
Weber & Damme Wagon Co. ("Parrett,"
all Purposes) 1621 Broadway, St.
Louis, Mo.
Worthington Pump & Machy. Corp. ("In-
geco"), 115 B'way, New York
Yuba Construction Co., Inc., Exch. bldg,
San Francisco, Cal.

4413a—Engines (Traction, Kero- sene)

Advance-Rumely Co. ("Oil-Pull" 15 to 20
h. p.), La Porte, Ind.
American Gas Engine Co. ("Weber"),
Kansas City, Mo.
American Tractor Co. ("American Oil"),
Des Moines, Ia.
Avery B. F. & Sons ("Louisville-Avery"),
Louisville, Ky.
Avery Co., Peoria, Ill.
Bates Tractor Co., Lansing, Mich.
Case J. I. Threshing Machine Co., Racine,
Wis.
Cleveland Motor Plow Co., Euclid, O.
Dayton Dick Co., Quincy, Ill.
Detroit Engine Works ("Wadsworth"
Light), Detroit, Mich.
Doman H. C. Co., Oshkosh, Wis.

Emerson-Brantingham Co. ("Big Four," "Reeves"), Rockford, Ill.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Hart-Parr Co., Charles City, Ia.
 Holt Mfg. Co. (Caterpillar Type), Peoria, Ill.
 Joliet Oil Tractor Co., Joliet, Ill.
 Mayer Bros. Co., Mankato, Minn.
 Minneapolis Steel & Machinery Co. ("Twin City"), 29th & Drexel, Minneapolis, Minn.
 Morton Truck & Tractor Co. ("Morton"), Harrisburg, Pa.
 Nat'l Pulley & Mfg. Co. ("Paramount" Gas), Webster bldg, Chicago, Ill.
 Ohio Mfg. Co., Upper Sandusky, Ohio
 Parrett Tractor Co. ("Parrett"), 343 S Dearborn, Chicago, Ill.
 Peoria Tractor Co. ("Peoria"), Peoria, Ill.
 Pittsburgh Model Engine Co. (4 & 6 Cylinder Vertical), Pittsburgh, Pa.
 Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
 Worthington Pump & Machy. Corp. ("Ingeco"), 115 B'way, New York

4414—Engines (Traction, Steam)**CALIFORNIA.**

STOCKTON—Holt Mfg. Co.

ILLINOIS.

BELLEVILLE—Harrison Machine Works ("Jumbo")
 PEORIA—Avery Co. ("Avery") Steam Holt Mfg. Co.
 ROCKFORD—Emerson Brantingham Co. ("Reeves" Compound, "Geiser Peerless," "Big Four")

INDIANA.

EVANSVILLE—Heilman Machine Works
 LA PORTE—Rumely M. Co. ("Advance," "Gear-Scott," "Rumely")
 MOUNT VERNON—Keck-Gonnermann Co.

IOWA.

CARROLL—Heider Mfg. Co.
 CHARLES CITY—Hart-Parr Co. (Oil Gasoline & Kerosene)
 DES MOINES—Wood Bros. Thresher Co.
 WATERLOO—Waterloo Gasoline Engine Co.

MICHIGAN.

BATTLE CREEK—Nichols & Shepard Co.
 LANSING—Olds Motor Works
 PORT HURON—Port Huron Engine & Thresher Co. ("Port Huron" Simple & Compound)

MINNESOTA.

FAIRMONT—Fairmont Gas Engine & Ry. Motor Car Co. (Farm Tractors)
 HOPKINS—Minneapolis Threshing Machine Co.
 MINNEAPOLIS—Minneapolis Threshing Machine Co., 226 N 2d

MISSOURI.

KANSAS CITY—Kansas City Hay Press Co.

NEW YORK.

BUFFALO—Buffalo Pitts Co.
 CLYDE—Wood S. W. Engine Co.
 FRANKFORT—Acme Road Machy. Co.

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

Wiener Machinery Co., 56 Church
 SCHENECTADY—Westinghouse Co.

OHIO.

MANSFIELD—Aultman & Taylor Machinery Co. ("Aultman-Taylor," "Castor-Pollup," "Atlas," "Eureka," "Eureka Jr.," "Hercules," "Jupiter," "Monarch," 8 to 25 h. p., Spun Gear)
 MARION—Huber Mfg. Co.
 MASSILLON—Russell & Co. ("Boss," "Russell")

NEWARK—McNamar Julius J. P.
 Scheidler Machine Works Co. (10 to 16 H. P.)
 SPRINGFIELD—Kelly O. S. Co.
 SWANTON—Baker A. D. Co. ("Baker" Special Contractors' Engines)

PENNSYLVANIA.

KENNETT SQUARE—American Road Machinery Co.
 TATAMY—Messinger Mfg. Co.
 WAYNESBORO—Frick Co. ("Eclipse," Wood & Coal)
 YORK—Farquhar A. B. Co. (Ltd.) ("Farquhar" Double Cylinder, "Pennsylvania")

WISCONSIN.

RACINE—Case J. I. Threshing Machine Co. ("Case")

4415—Engines (Traction, Straw Burning)

Aultman, Taylor Machinery Co. ("Atlas," "Jupiter"), Mansfield, O.
 Avery Co. ("Avery"), Peoria, Ill.
 Buffalo Pitts Co. ("Buffalo Pitts"), Buffalo, N. Y.
 Case J. I. Threshing Machine Co. ("Case"), Racine, Wis.
 Emerson-Brantingham Co. ("Geiser Peerless," "Reeves"), Rockford, Ill.
 Farquhar A. B. Co. (Ltd.) ("Farquhar Style K," "Pennsylvania"), York, Pa.
 Huber Mfg. Co. ("New Huber"), Marion, O.
 Minneapolis Threshing Machine Co. ("Minneapolis"), 226 N 2d, Hopkins, Minn.
 Nichols & Shepard Co. ("Nichols-Shepherd"), Battle Creek, Mich.
 Rumely M. Co. ("Advance," "Gaar Scott," "Rumely"), La Porte, Ind.
 Russell & Co. ("Massillon"), Massillon, O.
 Wood Bros. Thresher Co. ("Wood Bros."), Des Moines, Ia.

4416—*Engines (Unaflo Type, Stumpf Patent)

MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book

4417—Engines (Vertical)

This List is duplicated under the head of Engines, Steam

CALIFORNIA.

SAN FRANCISCO—Union Gas Engine Co. (Gas), 24 California
 Union Iron Works (25 to 100 H. P.), 20th & Michigan

CONNECTICUT.

NEW HAVEN—Twiss Nelson W. (2 to 25 H. P.)

ILLINOIS.

CHICAGO—Buckeye Engine Co. (of Salem, O.), Marquette bldg
 Jennings Pump & Dredge Co., 305 N Michigan av
 New York Blower Co., Archer av & Canal, Works: Bucyrus, O.
 JOLIET—Bates Machine Co. (Automatic High Speed)

IOWA.

BURLINGTON—Murray Iron Works Co., Canal. Works: Bucyrus, O.

MASSACHUSETTS.

BOSTON—STURTEVANT B. F. CO., ("Sturtevant" Open or Closed Type), 15 Damon, Hyde Park
See adv index at end of book
 FITCHBURG—Fitchburg Steam Engine Co. (20 to 400 H P)

MICHIGAN.

ALMA—Mo. tigel J. M.

COMSTOCK—Peer Mfg. Co. ("Climax" Automatic)
 DETROIT—American Blower Co. (Enclosed Self-Oiling), 1400 Russell
 Great Lakes Engineering Works (Slide Crank, Marine, etc)
 KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical, Up to 125 H P)
 Dutton C. H. Co. (1 to 16 h. p. "Jewel")
 SAGINAW—Wickes Bros.
See adv index at end of book

MISSOURI.

ST. LOUIS—Fritz Geo. J. Foundry & Machine Co., 2018 S 3d

NEW JERSEY.

CARTERET—WHEELER CONDENSER & ENGINEERING CO. ("Wheeler")
See adv index at end of book

NEW YORK.

BALDWINVILLE—Morris Machine Wks (1½ to 1000 h. p.)

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Pioneer Iron Works, 149 Pioneer

Boroughs of Manhattan and Bronx.

NEW YORK—Buckeye Engine Co. (of Salem, O.) ("Ingeco," Gas & Gasoline), 39 Cortlandt
 GODFREY-KEELER CO., 70 Warren
See adv index at end of book
 Worthington Pump & Machy. Corp., 115 B'way, New York

OHIO.

BUCYRUS—New York Blower Co. (See Chicago, Ill.)
 CLEVELAND—Buckeye Engine Co. (of Salem, O.), New England bldg
 RAVENNA—Byers John F. Machine Co., 242 S Sycamore
See adv index at end of book
 SALEM—Buckeye Engine Co.
 SPRINGFIELD—Lefel James & Co. (3 to 6½ h. p.), 500 Lagonda
 TOLEDO—Toledo Ship Building Co.

PENNSYLVANIA.

EAST PITTSBURGH—WESTINGHOUSE ELECTRIC & MFG. CO.
See adv index at end of book
 ERIE—Erie Pump & Equipment Co.
 Nagle Engine & Boiler Works (4 to 50 H P)
 PHILADELPHIA—Rich J. & G., 120 N 6th
 READING—Orr & Sembower (Also Horizontal)
 TATAMY—Messinger Mfg. Co.
 YORK—Farquhar A. B. Co. (Ltd.)

RHODE ISLAND.

PROVIDENCE—Cruickshank Engine Co. (2 to 35 H P), 286 Dyer

WISCONSIN.

MILWAUKEE—ALLIS-CHALMERS MFG. CO. ("Allis," All Sizes)
See adv index at end of book
 Bayley Mfg. Co. (Automatic)
 RACINE—Racine Engine & Machine Co. (Small)
 SHEBOYGAN—Optenberg Iron Works

4418—Engines (Washing, Paper Mill)

Clark H. C. & Son Machine Co., Lee, Mass.
 Dillon Machine Co., Lawrence, Mass.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Holyoke Machine Co., Holyoke, Mass.
 Horne J. H. & Sons Co., Lawrence, Mass.
 Mills Machine Co., Lawrence, Mass.
 Noble & Wood Machine Co., Hoosick Falls, N. Y.
 Valley Iron Works Co., Appleton, Wis.

4419—Engines (Winding)

Cooper C. & G. Co., Mt. Vernon, O.
 Hendy Joshua Iron Works (Air, Electric, Hydraulic & Steam Driven), 75 Tremont, San Francisco, Cal.
 Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
 Toledo Ship Building Co. (Also Mooring), Toledo, O.
 Wellman-Seaver-Morgan Co. (Direct Acting), Cleveland, O.

Engines (Yacht or Launch)

See Engines, Marine, Gasoline; also Engines, Oil

4419a—Engraving (On Ivory Pyramid)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

4420—*Entrances (Copper & Bronze Covered)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York
See adv index at end of book

4421—*Entrances (Hollow Metal)

DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book

4422—*Entry Drivers (Coal)

Ingersoll-Rand Co. ("Gibson"), 11 B'way, New York *See adv index at end of book*

4423—Envelopes (Catalog, Merchandise & Tag)

American Envelope Co., West Carrollton, Ohio
 American Mfg. Co. (Tag), Battle Creek, Mich.
 American Paper Goods Co., Kensington, Conn.
 American Papeterie & Envelope Co., Quincy, Ill.
 American Tag Co. (Tag), 6133 S State, Chicago, Ill.
 Berkowitz Envelope Co., Kansas City, Mo.
 Berlin & Jones Envelope Co., 547 W 27th, New York
 Birnie Paper Co., Springfield, Mass.
 Bushnell Alvah Co. ("Peperoid" Flat & Exp Mallets, Mailing, Envelopes, Filing Pockets, etc), 927 Filbert, Phila., Pa.
 Carpenter W. B. Co., 422 Main, Cincinnati, Ohio
 Chicago Envelope Co. (Merchandise), 59 E Madison, Chicago, Ill.
 Cohen Chas. J., 510 Ludlow, Phila., Pa.
 Commercial Box & Envelope Co., Chester, Pa.
 Continental Paper Bag Co., 17 Battery pl, New York
 Cupples Sam'l Envelope Co., 7 Laight, New York
 Denney Tag Co. (Tag), Wes Chester, Pa.
 Diemer John F. Co. ("Leatherette Expanding Envelopes, Mailing Box Envelopes, etc), 67 Cortlandt, New York
 Gair Robert Co., Washington & Plymouth, Brooklyn, N. Y.
 Goodbody Wm. (Mailing), 505 W B'way, New York
 Hinde & Dauch Paper Co., (Corrugated Paper), Sandusky, O.
 Hults E. H. Jr., 25 N 6th, Phila., Pa.
 Improved Mailing Case Co. (Letter & Package), 309 B'way, New York
 Jeffrey Louis Mfg. Co. (Metallic Clasp Merchandise), 78th & Brunswick av, Phila., Pa.
 Landa A. & Sons Co. (Leather & Cloth Document), 1706 Foster av, Chicago, Ill.
 Modern Mfg. Co. (Metal Clasp), 543 N Lawrence, Phila., Pa.
 National Expanding Envelope Co., 136 Liberty, New York
 National Fiberstock Envelope Co., 34 E Allen, Phila., Pa.
Niagara Envelope, Manufactory, Buffalo, N. Y.
 Neostyle Envelope Co. (Merchandise), 5 S Wabash av, Chicago, Ill.

Raynor & Perkins Envelope Co. (Letter), 220 William, New York
 Salisbury Mfg. Co. (Clasp, Tag, etc), 14 Leather av, Providence, R. I.
 Security Envelope Co. (Hand Fold), 29th & 5th av S, Minneapolis, Minn.
 Sefton Mfg. Corp. (Mailing), 1301 W 35th, Chicago, Ill.
 Sewell-Clapp Envelopes Co. (Mailing), 23 N Desplaines, Chicago, Ill.
 Sherman Envelope Co., Worcester, Mass.
 Smead Mfg. Co. ("Bandless" Document), Hastings, Minn.
 Spangler E. J. Co., 1237 N Howard, Philadelphia, Pa.
 Taylor-Atkins Paper Co., Burnside, Conn.
 Tension Envelope Co. (Package), 87 34th, New York
 Thomas Stationery Mfg. Co. (Tag), Springfield, O.
 Thompson & Norris Co. (Corrugated), Concord & Prince, Brooklyn, N. Y.
 U. S. Envelope Co., Springfield, Mass.
 U. S. Paper Goods Co., 1224-48 W 8th, Cincinnati, O.
 Whiting Paper Co., Holyoke, Mass.
 Worcester Envelope Co., Worcester, Mass.

4424—Envelopes (Coin)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
 Union Envelope Co., Richmond, Va.
 Worcester Envelope Co., Worcester, Mass.

4425—Envelopes (Filing)

Diemer Jno. F. Co., 67 Cortlandt, New York
 Graff Geo. B. Co. ("Steel-Eye"), 294 Washington, Boston, Mass.
 Smead Mfg. Co. (Bandless), Hastings, Minn.

4426—Envelopes (Leather)

Warren Leather Goods Co., Worcester, Mass.

4427—Envelopes (Plain & Printed)

Alling & Cory Co., Rochester, N. Y.
 American Envelope Co., 817 Washington blvd, Chicago, Ill.
 American Envelope Co., West Carrollton, Ohio
 American Paper Goods Co., Kensington, Conn.
 American Paper Products Co. (Church & Sunday School Collection Envelopes), East Liverpool, Ohio
 Atlanta Envelope Co., Atlanta, Ga.
 Berkowitz Envelope Co., Kansas City, Mo.
 Berlin & Jones Envelopes Co., 547 W 27th, New York
 Birnie Paper Co., Springfield, Mass.
 Bourke-Rice Envelope Co., 511 W Jackson blvd, Chicago, Ill.
 Buffalo Envelope Co., 268 Michigan av, Buffalo, N. Y.
 C. & M. Envelope Co., 535 Pearl, New York
 California Envelope Co. (Plain), 31 Minna, San Francisco, Cal.
 Centralia Envelope Co., Centralia, Ill.
 Cincinnati Envelope Co., 9th & Sycamore, Cincinnati, O.
 Cohen Chas. J., 510 Ludlow, Phila., Pa.
 Columbia Envelope Co., 349 W Austin av, Chicago, Ill.
 Commercial Envelope & Box Co., Birmingham, N. Y.
 Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
 Cupples Sam'l Envelope Co., 7 Laight, New York
 Diem & Wing Paper Co., Gilbert av, Cincinnati, O.
 Diemer John F. Co., 67 Cortlandt, New York
 Eaton, Crane & Pike Co., Pittsfield, Mass.
 Goodbody Wm., 505 W B'way, New York
 Gopher Envelopes Co., 500 S 5th, Minneapolis, Minn.
 Griffin Envelope Co., 156 Perry, San Francisco, Cal.
 Hesse Envelope & Lithograph Co., 501 N 1st, St. Louis, Mo.
 Heywood Mfg. Co., 420 N 3rd, Minneapolis, Minn.
 Holyoke Envelope Co., Holyoke, Mass.
 Hoyler Envelope Co., 411 S Jefferson, Chicago, Ill.
 Improved Mailing Case Co., 309 B'way, New York
 Jewell & Co., 1302 Filbert, Phila., Pa.
 Jones Wm. C., 154 W 18th, New York
 Keevil A. S., 210 N 4th, St. Louis, Mo.

Kellogg P. P. & Co., Springfield, Mass.
 Logan, Swift & Brigham, Worcester, Mass.
 Luck C. H. Envelope Co., 374 W Monroe, Chicago, Ill.
 Mercantile Corp'n, 120 B'way, New York
 Moffat Paper Goods Co., New Haven, Conn.
 Montag Bros., Atlanta, Ga.
 Morgan Envelope Co. Div., 10 S Wabash, Chicago, Ill.
 Morgan Envelope Co., Springfield, Mass.
 National Envelope Co., 424 Liberty, Cincinnati, O.
 National Envelope Co., Waukegan, Ill.
 Neostyle Envelope Co., 5 S Wabash av, Chicago, Ill.
 New England Envelope Co., Worcester, Mass.

Niagara Envelope Manufactory, Buffalo, N. Y.
 Orgler Envelope Co., 66 Duane, New York
 Pacific Coast Envelope Co., 435 Mission, San Francisco, Cal.
 Plimpton Mfg. Co., Hartford, Conn.
 Powers Paper Co. (Stationary), Springfield, Mass.
 Raynor & Perkins Envelope Co., 220 William, New York
 Schnur Peter Printing Co., Joplin, Mo.
 Security Envelope Co., 2900 5th av S, Minneapolis, Minn.
 Sewell-Clapp Envelopes Co., 23 N Desplaines, Chicago, Ill.
 Sherman Envelope Co., Worcester, Mass.
 Spangler E. J. Co., 1237 N Howard, Philadelphia, Pa.
 Standard Envelope Co., 257 Diamond, Phila., Pa.
 Taylor-Atkins Paper Co., Burnside, Conn.
 Thomas Stationery Mfg. Co., Springfield, O.
 Transo Envelope Co., 735 W Division, Chicago, Ill.
 Union Envelope Co., Richmond, Va.
 U. S. Envelope Co., Springfield, Mass.
 U. S. Paper Goods Co., 1224-48 W 8th, Cincinnati, O.
 Ward Samuel Mfg. Co., 299 Atlantic av, Boston, Mass.
 Weaver Mailing Envelope & Box Co., 243 S 3rd, Phila., Pa.
 Whitcomb Envelope Co., Worcester, Mass.
 White, Corbin & Co., Rockville, Conn.
 Whiting-Patterson Co., 11th & Race, Philadelphia, Pa.
 Wolf Bros., 330 N 12th, Phila., Pa.
 Wolf Envelope Co., 1270 Ontario av, Cleveland, O.
 Worcester Envelope Co., Worcester, Mass.

4428—Envelopes (Pliable Metal)

Modern Mfg. Co., 543 N Lawrence, Philadelphia, Pa.

4429-30—Equalizers or Eveners

Adams E. B. & Son ("Adams," "Eureka," "Steel Giant" 3 Horse), Racine, Wis.
 Avery B. F. & Sons, Louisville, Ky.
 Case J. I. Plow Works, Racine, Wis.
 Diamond Forging & Mfg. Co. ("Everlasting"), Chartiers & Ridge av, Pittsburgh, Pa.
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
 Fort Madison Plow Co. ("No. 13"), Ft. Madison, Ia.
 Fort Smith Rim & Bow Co. ("Hickory"), Ft. Smith, Ark.
 Gross Co. (Plow Eveners), Carroll, Ia.
 Harvey Spring & Forging Co. ("Eureka," "Harvey," "Racine," "Western," "Winner"), Racine, Wis.
 Heider Mfg. Co., Carroll, Ia.
 La Crosse Plow Co., La Crosse, Wis.
 Mason F. C. & Co., St. Johns, Mich.
 Owatonna Fanning Mill Co., Owatonna, Minn.
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
 Prouty C. & Co., Eldred, Pa.
 Racine General Mfg. Co. ("Racine"), Racine, Wis.
 Racine-Sattley Co. ("Sattley"), Springfield, Ill.
 Rock Island Plow Co., Rock Island, Ill.
 Star Mfg. Co. ("Gamble"), Carpentersville, Ill.
 Torrey Bros. Co., Central Village, Conn.
 U. S. Pressed Steel Co. ("U. S."), Ypsilanti, Mich.

4431—Eradicators (Ink)

Hardtmuth L. & C. ("Ideal"), 34 E 23d New York
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

4432— Erasers (Blackboard)

Caxton School Supply Co. 560 W Monroe, Chicago, Ill.
 Flanagan & Co., 521 S Wabash av, Chicago, Ill.
 Hammett J. L. Co., Kendall sq, Cambridge, Mass.
 Hyde W. L. & Co., 94 Blackstone, Boston, Mass.

4433—Erasers (Draughtsmen's)

Coates Clipper Mfg. Co. (Electric), Worcester, Mass.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

4434— Erasers (Ink)

Banks F. S. & Co., 149 Church, New York
 Beegee Co., 1133 B'way, New York
 Blaisdell Paper Pencil Co., 14 Berkeley, Phila., Pa.
 Canton Cutlery Co., Canton, O.
 Challenge Cutlery Corp., Bridgeport, Conn.
 Crystal Mfg. Co., Syracuse, N. Y.
 Graef & Schmidt ("Twin Brand" Imp), 107 Chambers, New York
 Landers, Frary & Clark, New Britain, Conn.
 Miller Bros. Cutlery Co. (Steel), Meriden, Conn.
 Napanoch Knife Co., Napanoch, N. Y.
 Novelty Cutlery Co., Canton, O.
 Polar Mfg. Co., 101 N Marshall, Phila, Pa.
 Rose Wm. & Bros., Sharon Hill, Pa.
 Ross, Jos. & Co., Irvington, N. J.
 Schnefel Bros., 684 S 17th, Newark, N. J.
 Turner Bros. ("Sterling"), 1022 Arch, Phila., Pa.
 Wallace R. & Sons Mfg. Co., Wallingford, Conn.
 Wostenholm Geo. & Son ("I. X. L." Imp), 105 Chambers, New York

4435— Erasers (Ink, Brush)

Cushman & Denison Mfg. Co. ("Cado"), 240 W 23d, New York
 Rush Eraser Co. ("Rush-E-Raser"), Syracuse, N. Y.

4436— Erasers (Rubber)

American Lead Pencil Co., 220 5th av, New York
DIXON JOSEPH CRUCIBLE CO. (for Pencil Ink & Electrotypers), Jersey City, N. J. *See adv index at end of book*
 Eagle Pencil Co., 703 E 13, New York
 Faber A. W. Rubber Works, 41 Dickerson, Newark, N. J.
 Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.
 Faber Eberhard Rubber Co., Newark, N. J.

Goodrich B. F. Co., Akron, O.
 Laurel Rubber Co., Garfield, N. J.
 O. K. Mfg. Co. ("O. K."), Woolworth bldg, New York
 Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.
 Viscol Co. ("Artgum"), Cambridge, Mass.
 Turner Bros. ("Sterling"), 1022 Arch, Phila., Pa.
 Yatman Rubber Co., 267 Mt. Pleasant av, Newark, N. J.

4436a— Escalators

See also Stairways, Moving
OTIS ELEVATOR CO., 26th & 11th av, New York
See adv index at end of book

4437— Escutcheon Pins

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
AMERICAN STEEL & WIRE CO. (Brass & Steel), 208 La Salle, Chicago, Ill.
See adv index at end of book
 Atlas Tack Co., Fairhaven, Mass.
 Clendenin Bros. (Brass), c Central av & Fawn, Baltimore, Md.
 Corbin Screw Corporation (Steel or Brass), New Britain, Conn.
 Grammes L. F. & Sons (German Silver, Brass, Iron & Steel), Allentown, Pa.
 Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.
 Hassall Jno. (Inc.), (Brass, Copper, Iron, German Silver, Aluminum, Plated & Coated), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*
 Havell Mfg. Co. (Brass & Steel), 284 Washington, Newark, N. J.
 Hungerford U. T. Brass & Copper Co. (Brass & Iron), 80 Lafayette, New York
 Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
 Merchant & Evans Co. (Brass), 2035 Washington av, Phila., Pa.
See adv index at end of book
 Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.
 Morgan Spring Co. (Iron & Brass), Worcester, Mass.
 Parker Wire Goods Co. (Steel & Brass), Worcester, Mass.
 Perkins Henry Co., Bridgewater, Mass.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
 Townsend C. C. & E. P. Co., New Brighton, Pa.
 Turner & Seymour Mfg. Co. (& Rivets), Torrington, Conn.
 Turner & Stanton Co. (Brass & Iron), Norwich, Conn.
 Wire Goods Co. (Iron & Brass), Worcester, Mass.

4438— Escutcheons

American Pin Co. ("Ampinco"), Waterbury, Conn.
 Art Hardware & Mfg. Co., Seattle, Wash.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Corbin P. & F., New Britain, Conn.
 Corbin Cabinet Lock Co., New Britain, Conn.
 Curtiss Geo. L. Co., Southington, Conn.
 Eagle Lock Co., Terryville, Conn.
 Fairfacts Co. (China, for Plumbing Work), 104 E 41st, New York
 Foster-Merriam & Co., Meriden, Conn.
 Grand Rapids Brass Co., Grand Rapids, Mich.
 Hayes Jos. A. (Brass & Iron, etc.), 284 Devonshire, Boston, Mass.
 National Lock Co. (Keyhole, Brass & Plated), Rockford, Ill.
 Pacific Hardware Mfg. Co. (Cup & Keyhole), Los Angeles, Cal.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co. (Cabinet Furniture, Sliding Door & Wood), New Britain, Conn.
 Sargent & Co., New Haven Conn.
 Taylor & Boggis Foundry Co., Cleveland, O.
 Weber-Knapp Co., Jamestown, N. Y.
 Yale & Towne Mfg. Co. (Cabinet, Door, etc), 9 E 40th, New York

4439— Eserine

Hoffmann La Roche Chemical Works, 440 Washington, New York

4439a— Etching Points

Crafts Arthur A. (Diamond), 125 Summer, Boston, Mass.

4440— *Ether

DU PONT CHEMICAL WORKS (Anesthesia Laboratory, U. S. P. Acetic & Sulphuric), 120 Broadway, New York

4441— Evaporators (Brine)

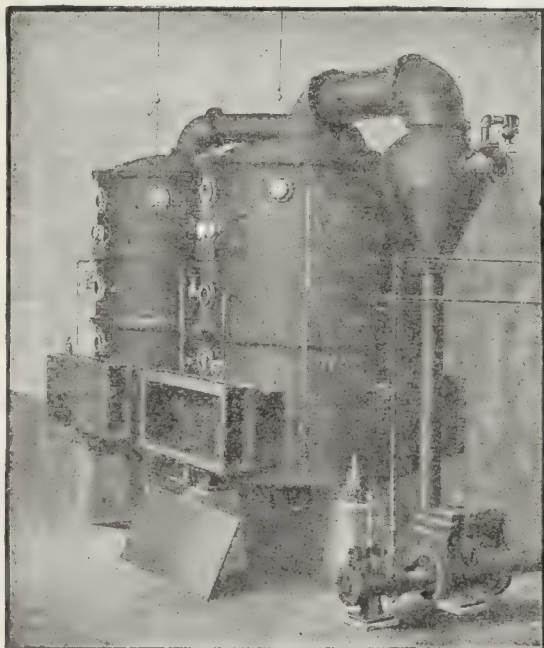
ZAREMBA CO., 710 Morgan bldg, Buffalo, N. Y. *See adv index at end of book*

4441a—*Evaporators (Chemical)

WHEELER CONDENSER & ENGINEERING CO., Carteret, N. J.
See adv index at end of book

4442—Evaporators (Chemical, Paper Pulp)

International Process Co. ("Carlson," Solely for the Recovery of Chemicals Used in Sulphate Process of Mfr. of Paper Pulp, from Resinous Wood), 5 Beekman, New York



ZAREMBA PATENT DOUBLE EFFECT.

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Effects**ZAREMBA
EVAPORATORS**Vacuum
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Any Liquor—

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SPECIAL TYPES FOR SPECIAL WORK

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 Glucose
 Glue
 Glycerin
 Milk Whey
 Distilled Water
 Malt Extract
 Tanning Extract

Caustic Soda
 Electrolytic
 Solutions
 Bichromates
 Phosphates
 Silicates
 Zinc Chloride
 All Chemicals

Charcoal
 By-Products
 Distillery Slop
 Steepwater
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 Washwater
 Copperas
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 Liquids
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 Concentration

For BY-PRODUCTS and WASTE LIQUORS of ALL KINDS

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LEACHING CELLS

ZAREMBA COMPANY,710 MORGAN
BUILDING,**Buffalo, U.S.A.**

New York Office—95-97 Liberty Street.

Joubert & Goslin Mach. & Fdry. Co. (Glycerine), Birmingham, Ala.
 Yaryan Co. ("Yaryan" System for Extract of Wood & Soda), 25 Church, New York
ZAREMBA CO., 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

4443—Evaporators (Crystalizing)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book
ZAREMBA CO., 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

4444—Evaporators (Exhaust Steam)

GRISCOM-RUSSELL CO., 92 West, New York. *See adv index at end of book*

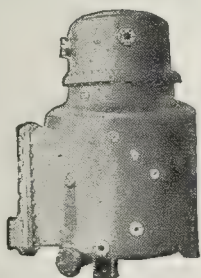
4445—Evaporators (Fresh Water Distilling)

Davidson M. T. Co. ("Baird" Patents for Steam Vessels, Chemical Works, etc), 42 Kean, Brooklyn, N. Y.
GRISCOM-RUSSELL CO., ("Reilly Multi-coil"), 92 West, New York
See adv index at end of book

REILLY EVAPORATORS

For furnishing distilled water in any quantity desired.

Single and multiple plants for marine and stationary service.



THE
GRISCOM-RUSSELL CO.
 92 West Street New York

SCHUTTE & KOERTING CO. ("S & K"), 1251 N 12th, Phila., Pa.
ZAREMBA CO., 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

4446—Evaporators (Fruit)

Babcock Mfg. Co. ("Granger" "Ostego"), Leonardsville, N. Y.
 Blymyer Iron Works Co. ("Zimmerman," also for Bananas for Making Banana Flour) Cincinnati, O.
 Caledonia Bean Harvester Works, Caledonia, N. Y.
 Chattanooga Plow Co. ("Chattanooga"), Chattanooga, Tenn.
 Devine J. P. Co., Buffalo, N. Y.

Fahrney Edw. B. ("U-S" Cook Stove, "American" for Fruits, Tea, Coffee, Herbs, Barks, Grain, etc), Waynesboro, Pa.

Hydraulic Press Mfg. Co. (Closed Steam Evaporators, for Cider, Syrup & Cider Jelly, etc), Mt. Gilead, O.

Kilby Mfg. Co. (Single & Multiple Effects for Fruit Juices), Cleveland, O.

Munnsville Plow Co. ("Duplex," "20th Century," "Munnsville" Evaporator Furnaces for Drying Fruits or Hops on Kilns or Drying Fruit in Tower Evaporation), Munnsville, N. Y.

Palmer & Co., Noble, Ill.

Sebastian Bros., Odin, Ill.

Sperry D. R. & Co., Batavia, Ill.

Stahl Wm. Sprayer Co. (Small, for Fruit Only), Quincy, Ill.

Strong Homer (Apple Evap. Plants), Rochester, N. Y.

Stutzman Mfg. Co. ("Stutzman," "Orma"), Ligonier, Ind.

Trescott W. A., Fairport, N. Y.

Warren Evaporator Works ("I. X. L."), Warren, O.

4447—Evaporators (Glue)

Kilby Mfg. Co., Cleveland, O.
 Yaryan Company, 25 Church, New York
ZAREMBA CO., 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

4448—*Evaporators (Horizontal Tube)

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

4449—Evaporators (Jelly, From Apple Juice)

BOOMER & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.
See adv index at end of book
 Hydraulic Press Mfg. Co. ("South Allen"), Mt. Gilead, O.

4450—*Evaporators (Lined Acid-Resistent)

ZAREMBA CO., 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

4451—Evaporators (Maple Sugar & Sorghum)

Bell C. S. Co. ("Bell's," "Cooks" & "Rock-er"), Hillsboro, O.
 Blymyer Iron Works Co. ("Cook," Straight or Round Coil Open Steam, also the Closed Multiple Effects, Single, Double, Triple & Quadruple), Cincinnati, Ohio
 Champion Evaporator Co. ("Champion"), Hudson, O.
 Chattanooga Plow Co. ("Chattanooga"), Chattanooga, Tenn.
 Cook Cane Mill & Evaporator Co., 320 N 2d, St. Louis, Mo.
 Gowanda Agricultural Works ("Gowanda" Complete Castings for Knocked Down Sets), Gowanda, N. Y.

Grimm G. H. ("Champion," "Grimm's"), Rutland, Vt.

Joubert & Goslin Mach. & Fdry. Co. (Open Vessel & Closed Type Under Vacuum System, Single, Double, Triple & Quadruple), Birmingham, Ala.

Murkland John W. Co., Barton, Vt.

Southern Plow Co., Columbus, Ga.

Vermont Farm Machine Co. ("Williams" Single), Bellows Falls, Vt.

Warren Evaporator Works (Milton Matthews Prop.), ("I. X. L."), Warren, O.

White's S. R. Sons ("Cook's," Stationary & Portable), Norfolk, Va.

4452—Evaporators (Misc.)

American By-Product Machinery Co., 90 West, New York

American Evaporator Co. (Film Type, "Jedun" Syphonic for all Liquors), 222 N Front, Phila., Pa.

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.

Brecht Co. ("Brecht," with Salt Filter Attached), 1201 Cass av., St. Louis, Mo.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

Devine J. P. Co., Buffalo, N. Y.

Gerdes & Co., 42 Church, New York

See adv index at end of book

GRISCOM-RUSSELL CO., (Fresh Salt Water, Chemical, etc), 92 West, New York *See adv index at end of book*

Marshall Foundry Co., Pittsburgh, Pa.
 Pratt Engineering & Machine Co., Atlanta, Ga.

ZAREMBA CO. (All Types, Any Size, Any Liquid), 710 Morgan bldg., Buffalo, N. Y. *See adv index at end of book*

4453—Evaporators (Multiple Effects)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.

Baeuerle & Morris (For the Evaporation & Concentration of all Solutions with or without Salts, Vertical Tube Type), 932 N Front, Phila., Pa.

Black-Clawson Co. (Single, Twin & Triple Cylinder Open Air & Vacuum in Single Effect, Evaporators for Drying & Evaporating Water out of Liquid, Animal, Vegetable & Mineral Products, etc), Hamilton, O.

Blymyer Iron Works Co. (Straight or Round Coil Open Steam Type, also the Closed Multiple Vacuum Effects, Single, Double, Triple & Quadruple), Cincinnati, Ohio

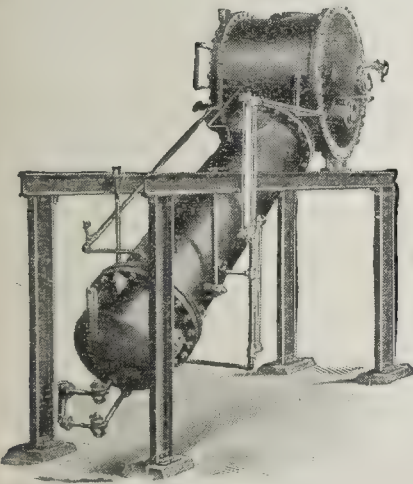
BUFFALO FOUNDRY & MACHINE CO. (Multiple & Single Effect Vacuum, etc.), 65 Winchester av., Buffalo, N. Y.
See adv index at end of book

Casey-Hedges Co., Chattanooga, Tenn.

Cresson-Morris Co. (Single & Multiple Effects, Both Vacuum & Pressure), Allegheny av & 18th, Phila., Pa.

Dyer Co. ("Dyer" Single & Multiple Effects for Cane & Beet Sugar), Cleveland, O.

Gerdes & Co., 42 Church, New York
See adv index at end of book



"BUFLOVAK" EVAPORATORS

Mechanical Strength; Simple Construction; Readily Increased Capacity; Uniform and Rapid Circulation; Proper Steam Distribution; High Efficiency—these are some of the features which distinguish "Buflovak" Evaporators. Built in sizes for any capacity. Single and Multiple Effects.

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 VERTICAL TUBE EVAPORATORS
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 ALL CAST-IRON EVAPORATORS
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BUFFALO FOUNDRY AND MACHINE CO.

BUFFALO, N. Y.

GRISCOM-RUSSELL CO. ("Reilly Multi-coil," for Distilling Water for Ice Plants, Breweries, Bottlers, etc), 92 West, New York
See adv index at end of book

Joubert & Goslin Mach. & Fdry. Co. (Open Vessel & Closed Type Under Vacuum System, Single, Double, Triple & Quadruple for Various Liquids, Cane, Beet & Maple Sugar, Sorghum, Fruits, Chemicals, Glue, Soap, etc.), Birmingham, Ala.

Kestner Evaporator Co. (For Caustic Soda, Potash, etc.), 18th & Allegheny, Phila., Pa.

Kilby Mfg. Co. (Single & Multiple Effects for Sugar, Glue, Salt, Garbage, Caustic Soda, Fruit Juices, Milk, Stick, Slaughter House, etc), Cleveland, O.

Krajewski-Pesant Corp. (For Sugar House Use), 54 Beard, Brooklyn, N. Y.

Lumms Walter E., 173 Milk, Boston, Mass.

Murphy John H., 643 Magazine, New Orleans, La.

Newhall Geo. M. Engineering Co. ("Newhall" for Caustic Soda, Glycerine, Tannic Acid, Cane & Beet Juice, Glue, Glucose, Extracts, etc), Commercial Trust bldg, Phila., Pa.

Oat Joseph & Sons, 230 Quarry, Phila., Pa. Philadelphia Coppersmithing Co. (Multiple Effects, Horizontal & Vertical), 222 N Front, Phila., Pa.

Pioneer Iron Works (Horizontal & Vertical for Sugar), 149 Pioneer, Brooklyn, N. Y.

Pusey & Jones Co. (Single & Multiple Effects), ft Poplar, Wilmington, Del.

Sanborn Evaporator Co. (Single & Multiple Effects), 79 Wall, New York
Squier Geo. L. Mfg. Co. ("Squier-Buffalo," Single, Double & Triple Effects for Sugar), Buffalo, N. Y.

Standard Water Systems Co. ("Tripure" Single & Multiple Effects for the Evaporation of Both Fresh & Salt Water & Other Liquids), Hampton, N. J.

Sugar Apparatus Mfg. Co. ("Lillie" Single & Multiple Effects for Sugar Refiners & Plantations, Natural Brines in the Mfr. of Salt, Glue, Tank Waters, Tannin Extracts, Water Distilling, Soda Liquors, etc), Wilmington, Del.

Swenson Evaporator Co. (For Any Liquids), 53 W Jackson blvd, Chicago, Ill.

WHEELER CONDENSER & ENGINEERING CO. ("Wheeler" Closed Tubular Type, for Liquids Only; Water Distilling, Sugar Solutions, Chemical Mixtures, etc), Carteret, N. J.
See adv index at end of book

Yaryan Co. ("Yaryan" System for Cane Sugar, Glucose, Glue, Water Distillation, Solvents, Extracts of Meat, Malt of Wood & Soda, etc.), 25 Church, New York

ZAREMBA CO. ("Zarembo" Any Size, Any Service), 710 Morgan bldg. Buffalo, N. Y. *See adv index at end of book*

4453a—*Evaporators (Rapid Circulation)

ZAREMBA CO., 710 Morgan bldg. Buffalo, N. Y. *See adv index at end of book*

4454—*Evaporators (Salt Water)

GRISCOM-RUSSELL CO., 92 West, New York *See adv index at end of book*

ZAREMBA CO., 710 Morgan bldg. Buffalo, N. Y. *See adv index at end of book*

4455— Evaporators (Syrup)

Bell C. S. Co. ("Cook's"), Hillsboro, O.
Golden's Foundry & Machine Co., Columbus, Ga.

Joubert & Goslin Mach. & Fdry. Co. (Multiple Effects), Birmingham, Ala.

Philadelphia Coppersmithing Co. (Multiple Effects), 222 N Front, Phila., Pa.

Southern Plow Co. ("Brand" Self-Skimming, etc), Columbus, Ga.

4455a— *Evaporators (Vertical Tube)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4456— Evaporators (Water)

Schutte & Koerting Co. ("S. & K." for Producing Fresh Water from Salt and other Impure Waters), 1251 N 12th, Phila., Pa.

Yaryan Co. ("Mirrless-Watson" Type for Producing Fresh Water from Sea Water), 25 Church, New York

4457—*Evaporators & Water Distilling Apparatus

ZAREMBA CO., 710 Morgan bldg. Buffalo, N. Y. *See adv index at end of book*

4458— Evaporometers

Green Henry J. ("Piche"), 1191 Bedford av, Brooklyn, N. Y.

4459—*Excavators (Drag Bucket)

Acme Road Machy. Co., Frankfort, N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

4460—Excavators (Drag Line)

See also Buckets, Drag Line Scraper
Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.

See adv index at end of book
Bucyrus Co., S Milwaukee, Wis.

Cable Excavator Co. ("Slack Line"), Commercial Tr. bldg, Phila., Pa.

Channon Jas. H. Mfg. Co. ("Channon" Adjustable), 227 W Erie, Chicago, Ill.

CLYDE IRON WORKS ("Field," Tower), Duluth, Minn.

See adv index at end of book
Dobbie Foundry & Machine Co. ("Iverson"), Main Office & Works: Niagara Falls, N. Y.

Duff Raymond W. Co. (Rear Dumping), 111 W Washington, Chicago, Ill.

THE HAYWARD COMPANY
DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
See adv index at end of book

Indianapolis Cable Excavator Co. ("Negley," Cableway), Indianapolis, Ind.
Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

Mansfield Engineering Co., The ("Pioneer"), cor. E Market & Penna., Indianapolis, Ind.

See adv index at end of book

Marion Steam Shovel Co., P. O. Box 505, Marion, O.

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

Monighan Machine Co. ("Monighan"), 2032 Carroll av, Chicago, Ill.

National Hoisting Engine Co., Harrison, N. J.

Page Engng. Co., 189 W Madison, Chicago, Ill.

Pawling & Harnischfeger Co., Milwaukee, Wis.

Sauerman Bros. ("Shearer & Mayer" Cableway), Monadnock bldg, Chicago, Ill.

Williams G. H. Co., Erie, Pa.

4461— Excavators (Drainage)

Austin F. C. Drainage Excavator Co. ("Austin"), Railway Exchange, Chicago, Ill.

Marion Steam Shovel Co., P. O. Box 505, Marion, O.

Monighan Machine Co., 2032 Carroll av, Chicago, Ill.

Osgood Co., Marion, Ohio

Pawling Harnischfeger Co., Milwaukee, Wis.

4462— *Excavators (Electric)

HAYWARD CO., THE, 50 Church, New York

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

4463—*Excavators (Placer Mining)

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

4464—*Excavators (Railroad)

See also Excavators, Drag Line

THE HAYWARD COMPANY
DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
See adv index at end of book

Excavators (Scraper Bucket)

See Excavators, Drag Bucket

4465— * Excavators (Skid)

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

THE HAYWARD COMPANY
DIGGING MACHINERY

50 CHURCH STREET, NEW YORK
See adv index at end of book

4466— Excavators (Steam)

See also Shovels, Steam

Browning Victor R. & Co., 17701 Lake Shore Blvd, Cleveland, O.

See adv index at end of book

Byers Jno. F. Machine Co., 242 So Sycamore, Ravenna, O.

See adv index at end of book

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

HAYWARD CO., THE, 50 Church, New York *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Marion Steam Shovel Co., P. O. Box 505, Marion, O.

Monighan Machine Co. (Drag Bucket), 2032 Carroll av, Chicago, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh, San Francisco

Osgood Co., Marion, Ohio

4466a— *Excavators (Tower)

CLYDE IRON WORKS ("Field"), Duluth, Minn. *See adv index at end of book*

Excavators (Trench)

See Sewer & Trench Excavating Machines

4466b—*Excavators & Loaders

SMITH T. L. CO. THE, 1151 32d, Milwaukee, Wis.

4467— Excelsior Mfrs.

Alpena Excelsior Co. (Also Wood, Wool), Alpena, Mich.

American Fibre Co. (Palm Leaf Mattress), Jacksonville, Fla.

Bartlett Excelsior Co., Melvin Mills, N. H.

Batesville Excelsior Co., Batesville, Ark.

Berry O. P. Co., Wolfeboro Falls, N. H.

BOSTON EXCELSIOR CO., 26 Canal, Boston, Mass.

BOSTON EXCELSIOR CO., 30th & North River, New York

Burnside Excelsior Co., Burnside, Ky.

Caummissar T. C. & Sons, Louisville, Ky.

Charleston Excelsior M. & B. Works, Charleston, S. C.

Dalton Excelsior Co., Dalton, Ga.

Detroit Excelsior Works, 2116 Russell, Detroit, Mich.

Du Free Mfg. Co., Atlanta, Ga.

Excelsior Supply Co., 1732 Merwin rd, Cleveland, Ohio

Excelsior Wrapper Co., Sheboygan, Wis.

Farnham J. F. Union N. H.

Fox J. W. Excelsior Co., Grand Rapids, Mich.

Guttenberg Excelsior Mfg. Co., Guttenberg, Ia.

High Point Veneer & Panel Co., High Point, N. C.
 Hoffman-Corr Mfg. Co. (Also Moss), 312 Market, Phila., Pa.
 Hornbeck J. K. & Son, Hancock, N. Y.
 Jenks & Muir Mfg. Co., 1441 Hastings, Detroit, Mich.
 John Excelsior & Mfg. Co., Indianapolis, Ind.
 Laird & Wilson Mfg. Co., Crandon, Wis.
 Lord W. M. Co., Union, N. H.
 Malone Excelsior Co., Malone, N. Y.
 Marinette-Green Bay Mfg. Co., Green Bay, Wis.
 Means Justin, Edgar, Wis.
 Meridian Mattress Factory, Meridian, Miss.
 Morris-Jones-Brown Mfg. Co., Dubuque, Ia.
 North Jersey Excelsior Co., Butler, N. J.
 Oshkosh Excelsior Mfg. Co., Oshkosh, Wis.
 Payne & Co., Dayton, O.
 Peden W. H. Excelsior Co., Fredericksburg, Va.
 Pensacola Excelsior Co., Pensacola, Fla.
 Petersburg Excelsior Mill, Petersburg, Va.
 Rice Lake Excelsior Co., Rice Lake, Wis.
 Sheffield F. E., Mooers, N. Y.
 Virginia Excelsior Co., Fredericksburg, Va.
 Washington Excelsior & Mfg. Co., Edmonds, Wash.

4468— Exercisers

Bailey C. J. & Co., 22 Boylston, Boston, Mass.
 Cook, Chas. A. & Co., 3911 2d, B'klyn, N. Y.
 Hill-Standard Mfg. Co., Anderson, Ind.
 Ingersoll R. H. & Bro., 315 4th av, New York
 Racine Exerciser Co., Milwaukee, Wis.
 Whitley Exerciser Co., 36 Vesey, New York

4469— Exhaust Heads

Abendroth G. Irving Co. ("Stein's" 1 in to 42 in), 10 E 43d, New York
 Abendroth & Root Mfg. Co. ("Root" & "Hudson"), Newburgh, N. Y.
 Ambrose Machine Co. ("Peerless"), Provost, Brooklyn, N. Y.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill., & 50 Church, New York
See adv index at end of book
 Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
 Bicalky Fan Co., Buffalo, N. Y.
 Bolton R. P., 55 Liberty, New York
 Burt Mfg. Co. ("Burt" & "Standard"), 40 Main, Akron, O.
 Chicago Eng. Supply Co. ("Champion"), 68 W Lake, Chicago, Ill.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Direct Separator Co. ("Sweet"), Syracuse, N. Y.
 Dixie Mfg. Co. ("Dixie"), Stockholm & Russell, Baltimore, Md.
 Elliott Co., Pittsburgh, Pa.
 Empire Blower & Pipe Co. (Steam), Rochester, N. Y.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Eclipse"), Foxboro, Mass.
See adv index at end of book
 Gillis & Geoghegan, 537 W B'way, New York
 Hoppes Mfg. Co. (Cast Iron), Springfield, Ohio
 Hussey, McCann & Co., 87 Warren, New York
 Imperial Iron Works (Cast Iron), Duluth, Minn.
 Johnston W. T. & Co., 3d & Vine, Cincinnati, O.
 Kelley Benj. F. & Son, 25 Church, New York
 Kirk & Blum, York & Western av, Cincinnati, O.
 Konold M. J. Co. (Cast Iron), Bessemer bldg, Pittsburgh, Pa.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Linton Machine Co., 26 Cortlandt, New York
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Marshall Foundry Co., Pittsburgh, Pa.
 Miller J. K. Co. ("Western"), Seattle, Wash.
 Ohio Blower Co. ("Swartout" Cast Iron), 5125 Perkins av, Cleveland, O.

Patterson Frank L. & Co., 26 Cortlandt, N. Y.
 Pittsburgh Gage & Supply Co. ("Pittsburgh," Vacuum & "Gaco"), 30th & Liberty av, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.
 Prentice L. H. Co., 330 Sherman, Chicago, Ill.
 Royal Ventilator Co. ("Royal"), 415 Locust, Philadelphia, Pa.
 Ruggles Walter G. Co. ("R-K"), 54 High, Boston, Mass.
 Rutzler Enoch Co., 404 E 49th, New York
 Simmons John Co. (All Kinds), 110 Centre, New York
 Sims Co. ("Sims" Sheet Iron), 18th & Whitley av, Erie, Pa.
 Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
 Sarge A. Jr. & Co. ("Sorge" Cast Iron), Monadnock bldg, Chicago, Ill.
 Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York
 Steam Appliance Co. ("Triumph"), Milwaukee, Wis.
 Sterling Blower Co. ("Sterling" Steam), Hartford, Conn.
 Strandwitz & Scott ("Common Sense"), Camden, N. J.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Watson & McDaniel Co. ("McDaniel," "Keystone"), 146 N 7th, Phila., Pa.
 Williams Franklin ("Neverust," "Everlast"), 39 Cortlandt, New York
 Wright Mfg. Co. ("Cyclone"), 97 Woodbridge, W., Detroit, Mich.

4470—Exhaust & Blow Piping

Abendroth G. Irving Co. (Straight Riveted Flanged), 10 E 43d, New York
 Allen Eli H. Co., 41 Beverly, Boston, Mass.
 Allington & Curtis Mfg. Co., Saginaw, Mich.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill., & 50 Church, New York
See adv index at end of book
 Archer Blower & Pipe Co., Seattle, Wash.
 Banister A. W. Co., 421 Dorchester av S, Boston, Mass.
 Carlisle & Gale Co., 81 Wareham, Boston, Mass.
 Chattanooga Blow Pipe & Roofing Co., Chattanooga, Tenn.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Cleveland Blow Pipe & Mfg. Co., 6302 Kinsman rd, Cleveland, O.
 Cushing Daniel & Son, Lowell, Mass.
 Cyclone Blow Pipe Co., 2552 W 21st, Chicago, Ill.
 Day Co., 38 S 12th, Minneapolis, Minn.
 Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
 Empire Blower & Pipe Co., Rochester, N. Y.
 Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
 Haines Co., 1933 W Lake, Chicago, Ill.
 Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.
 Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
 Kiechler Mfg. Co., Wade & Denman, Cincinnati, O.
LEE THOS., 129 W 2d, Cincinnati, O.
 Littleford Bros., Cincinnati, Ohio
 Mannen John E. Co., 2247 St. Clair, Cleveland, O.
 Meadon's Blower & Pipe Works, 25 Meserole av, Brooklyn, N. Y.
 National Blower Works, Milwaukee, Wis.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 Ohio Blower Co., Cleveland, O.
 Porbeck Dust Arrester & Blow Pipe Co., 2017 B'way, St. Louis, Mo.
 Savannah Blow Pipe & Exhaust Co., Savannah, Ga.
SHAW BENJ. F. CO., 501 E 2d, Wilmington, Del. *See adv index at end of book*
 Skinner Bros. Mfg. Co., 10th & Tyler, St. Louis, Mo.
 South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.
 Standard Sheet Metal Mfg. Co., Washington, Pa.
 Sterling Blower Co., Hartford, Conn.
 Strandwitz & Scott, Camden, N. J.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 United States Steel Tank & Pipe Co., 2090 Canalport av, Chicago, Ill.

VAILE & YOUNG, 216 No Calvert, Baltimore, Md.
 Venderbush & Looman Co., Detroit, Mich.
 Western Blow Pipe & Sheet Metal Co., St. Louis, Mo.
 Young Bros. Co., Detroit, Mich.

4471— Exhausters (Acid)

German-American Stoneware Works (Stoneware), 50 Church, New York
 Graham Chas. Chemical Pottery Works (Stoneware), 986 Metr. av, Brooklyn, N. Y.
 Pratt Engineering & Machine Co. ("Imperial"), Atlanta, Ga.

4472— Exhausters (Electric)

American Blower Co., 1400 Russell, Detroit, Mich.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Electric Blower Co. ("Marvel"), 352 Atlantic av, Boston, Mass.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Howard & Morse, 46 Fulton, New York
 Ilg Electric Ventilating Co., 154 Whiting, Chicago, Ill.
 Mechanical Appliance Co., Milwaukee, Wis.
 Sprague Electric Works, 527 W 34th, New York

4473— Exhausters (Gas)

American Blower Co., 1400 Russell, Detroit, Mich.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Buffalo Forge Co., Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Connersville Blower Co., Connersville, Ind.
 Garden City Fan Co., 332 S Mich. av, Chicago, Ill.
 Gas Machy. Co., 1900 Euclid av, Cleveland, O.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Howard & Morse, 46 Fulton, New York
 Ingersoll-Rand Co., 11 Broadway, New York
See adv index at end of book
 Isbell-Porter Co. ("Mackenzie"), 46 Bridge, Newark, N. J.
 New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
 Parson Mfg. Co. ("Parson"), 149 B'way, New York
 Pratt Engineering & Machine Co., Atlanta, Ga.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Roots P. H. & F. M. Co. (& Fittings), Connersville, Ind.
 Schutte & Koerting Co., 1251 N 12th, Phila., Pa.
 Southwark Foundry & Machine Co., 4th & Washington av, Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Wilbraham-Green Blower Co.

4474—Exhausters (Planing Mill, Etc.)

Allington & Curtis Mfg. Co., Saginaw, Mich.
 American Blower Co., 1400 Russell, Detroit, Mich.
 Banister A. W. Co., 421 Dorchester av S, Boston, Mass.
 Bayley Mfg. Co. (Single & Double Steel Plate), Milwaukee, Wis.
 Buffalo Forge Co., Buffalo, N. Y.
 Carlisle & Gale Co., 81 Wareham, Boston, Mass.
 Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Howard & Morse, 46 Fulton, New York
 Indiana Fan Co., Indianapolis, Ind.
 Kirk & Blum, York & Western av, Cincinnati, O.
 Miller J. K. Co. ("Western"), Seattle, Wash.
 National Blower Works, Milwaukee, Wis.

New York Blower Co., Archer av & Canal,
Chicago, Ill. Works: Bucyrus, O.
Skinner Bros. Mfg. Co., 10th & Tyler, St.
Louis, Mo.
Sterling Blower Co., Hartford, Conn.
STURTEVANT B. F. CO. ("Sturtevant"),
15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Western Blow Pipe Co., 2524 S 7th, St.
Louis, Mo.

4475—Exhausters (Pump & Engine Starting)

Schutte & Koerting Co., 1251 N 12th,
Phila., Pa.

4476—Exhausters (Steam Jet)

See also Gas Works Apparatus & Con-
struction

Isbell-Porter Co., 46 Bridge, Newark, N. J.
Lloyd Construction Co., Detroit, Mich.

4476a—Exhausters (Turbine Driven)

DE LAVAL STEAM TURBINE CO., East
Trenton, N. J.
See adv index at end of book

4477—*Exhibition Cases (Metal, For Museums)

SNEAD & CO. IRON WORKS (INC.), 98
Pine, Jersey City, N. J.
See adv index at end of book

4478—Exhibitors (Rug)

Best John H., Galva, Ill.
Consolidated Carpet Sewing Machine Co.
("E Z" Book, "20th Century," "Esch-
weiler" Track), Bridgeport, Conn.
Taft Machine Co. ("Taft Almetul"), 229
Globe, Providence, R. I.

4479—Expanded Metal ("Steel-Crete" Mesh & Lath)

See also Lath, Expanded Metal
Consolidated Expanded Metal Co.'s, Brad-
dock, Pa.
Dexter Metal Mfg. Co., 93 Arch, Camden,
N. J.

4480—Expanders (Hose)

Elkhart Brass Mfg. Co., Elkhart, Ind.
Hayward S. F. Co., 250 W 54th, New York
Larkin Mfg. Co. ("Buckley" Hydraulic),
Dayton, O.
Morse A. J. & Son, 221 High, Boston, Mass.
Sherman H. B. Mfg. Co., Battle Creek,
Mich.
Universal Nozzle Co., Indianapolis, Ind.

4481—Expanders (Tube)

See also Pneumatic Flue Expanders
Ajax Mfg. Co. ("Collins" Self-Feed &
"Pittsburg" Roller), N S, Pittsburgh,
Pa.
Bullock Chas. K. (Boiler), 1361 Ridge av,
Phila., Pa.
Dudgeon Richard (Boiler), 24 Columbia,
New York
Elliott Co. (Combination Tube Cutter &
Expander), Pittsburgh, Pa.
Faessler J. Mfg. Co. ("Boss Roller," "Uni-
versal" Roller Flue, etc), Moberly, Mo.
GODFREY-KEELER CO., 70 Warren,
New York *See adv index at end of book*
Helwig Mfg. Co. ("Helwig" Hand &
Power, Self-Feeding Flue), St. Paul,
Minn.
Henderer's A. L. Sons ("Ferguson," Self-
Feed Roller), Maryland av & Beach,
Wilmington, Del.
King A. R. Mfg. Co., Kingston, N. Y.
Lovejoy Tool Works (All Steel Ball Bear-
ing Self-Feeding Roller, for Hand or
Power, also Sectional Spring), 319 W
Ohio, Chicago, Ill.
Nicholson W. H. & Co. ("Nicholson" Self-
Feeding & Self-Releasing Roller),
Wilkes-Barre, Pa.
Oswego Tool Co. ("World's Champion"
Spring, "Boss," "Giles" & "Tonkin"),
Oswego, N. Y.
Prosser Thos. & Son ("Prosser" Boiler),
15 Gold, New York
RYERSON JOSEPH T. & SON, 2558 W
16th, Chicago, Ill.
See adv index at end of book
Wiedeke Gustav & Co. ("Ideal," Self-Feed
Roller, "Dayton," "Standard" Rollers
& Sectional Spring, also "Sterling,"
"Heine," "B. & W." Water Tube Ex-
panders), Dayton, O.

4482—*Expansion Shields & Bolts
ANKYRA MFG. CO., Wayne Junction,
Phila., Pa. *See adv index at end of book*

4483—Expellers (Oil & Moisture)

ANDERSON V. D. CO. ("Anderson"), W
96th, Cleveland, O.
See adv index at end of book

4484—Exploders

See also Blasting Fuses, Cap, etc
du Pont E. I. de Nemours & Co. (See
also Blasting Supplies), Wilmington,
Del.

For branch offices see adv index at end of book
HERCULES POWDER CO. ("Ideal," De-
lay Action), Wilmington, Del.
See adv index at end of book

4485—Exploders (Cartridge)

Susquehanna Casting Co., Wrightsville, Pa.

4486—Exploders (Paper Cap)

Wrightsville Hardware Co. ("Dewey" &
"Yellow Kid" Bombs), Wrightsville,
Pa.

4487—*Explosives (All Kinds)

See also Powder Mfrs., Dynamite Mfrs.,
etc.
du PONT E. I. de NEMOURS & CO.
(World's Largest Mfr. of Explosives,
Powder & Blasting Supplies for Every
Requirement. For Details see Dyna-
mite, Blasting Powder, Blasting Sup-
plies, Gun Powder), Wilmington, Del.
For branch offices see adv index at end of book

4488—*Explosives (Blasting)

ATLAS POWDER CO., 10th & Market,
Wilmington, Del.

4489—*Explosives (Permissible)

ATLAS POWDER CO., 10th & Market,
Wilmington, Del.

4490—Extensions (Bit Brace)

Goodell-Pratt Co., Greenfield, Mass.

4491—Extensometers

Taylor Instrument Companies ("Ewing"),
Rochester, N. Y.
See adv index at end of book
Wissler A., B'way & Wash'n av, St. Louis,
Mo.

4492—Exterminators (Potato Bug)

Bucher & Gibbs Plow Co. ("Imperial"),
Canton, O.

4492a—*Extinguishers (Oil Can)

CAHILL M. F., 710 E 2nd, Boston, Mass.
See adv index at end of book

4493—Extract (Archil)

Bird J. A. & W. & Co. (Agents for Clem-
ons, Marshall & Carbet, Leeds, Eng-
land), 88 Pearl, Boston, Mass.

4493a—Extractor Baskets (Metal)

Hamilton Copper & Brass Works, Hamil-
ton, Ohio

4494—Extractors (Barley)

Huntley Mfg. Co. ("Monitor" for Extract-
ing Barley from Other Grain), Silver
Creek, N. Y.

4495-6—Extractors (Boll)

Alsop Process Co. ("St. Louis," "Alsop,"
Cotton), St. Louis, Mo.

Extractors (Cork)

See Pullers, Cork

4497—Extractors (Cotter Pin)

Bonner Tool Co. ("Victor"), Champaign,
Ill.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Buffum Tool Co. ("Swastika"), South
Side, Louisiana, Mo.

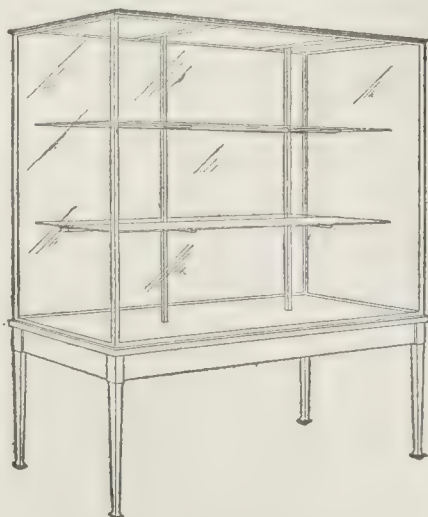
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Krauter & Co., 583 18th av, Newark, N. J.
Mossberg Frank Co. ("Mossberg" Puller
& Spreader), Attleboro, Mass.
S. & I. Co. ("S. & I."), Springfield, Mass.
Vichek Tool Co. ("Vichek"), 10711 Quincy
av, Cleveland, O.

4498—Extractors (Curd, Clothes Wringing)

Empire Laundry Machinery Co. ("Crawford"), 352 Western av, Boston, Mass.
Troy Laundry Machinery Co. (Ltd.), (Solid Curd), 23d & La Salle, Chicago, Ill.

4499—Extractors (Garlic)

Huntley Mfg. Co. ("Monitor" for Extracting Garlic from Grain), Silver Creek, N. Y.

4500—Extractors (Gold)

Dibert L. C. Co. ("Dibert"), 138 1st, San Francisco, Cal.

4501—Extractors (Honey & Beeswax)

Kretchmer Mfg. Co. ("Kretchmer" Automatic), Council Bluffs, Ia.
Root A. I. Co., Medina, O.

4502—Extractors (Ingot)

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Taylor-Willson Mfg. Co., McKees Rocks, Pa.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

4503—Extractors (Lemon Juice)

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

4504—Extractors (Mandrel)

United Engineering & Foundry Co. (Hydraulic & Belt Driven), 307 5th av, Pittsburgh, Pa.

4505—Extractors (Meat Juice)

Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

4506—Extractors (Oil & Grease)

See also Extractors, Steam & Oil
Acton John ("Nelson" Water Separator or Grease Extractor), 118 John, Brooklyn, N. Y.
Ambrose Machine Co., Eagle & Provost, Brooklyn, N. Y.
Ansonia Mfg. Co., 584 Hudson, New York
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
Austin Separator Co., 97 Woodbridge, W Detroit, Mich.
BARTLETT, C. O. & SNOW CO., French St., Cleveland, O.
See adv index at end of book

BUFFALO FOUNDRY & MACHINE CO.

65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Consolidated Engineering Co. ("Van Auker"), 507 W Jackson blvd, Chicago, Ill.

D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.

Elliott Co., Pittsburgh, Pa.

GRISCOM-RUSSELL CO. ("Reilly Multi-screen" & "Elsen"), 92 West, New York *See adv index at end of book*

Hussey, McCann & Co. ("Peerless" Grease), 87 Warren, New York

Jacobs Chas. & Co. ("Lowden"), 258 Franklin, Boston, Mass.

Jarvis Engine & Machine Works ("Monitor" Oil Only), Lansing, Mich.

Kelly Benj. F. & Son, 25 Church, New York

Lagonda Mfg. Co., Springfield, O.

Lummons Walter E. Co. (Solvent Process), 173 Milk, Boston, Mass.

National Separator & Machine Co. ("National", "Springfield"), Concord, N. H.

Reliance Mfg. Co., Cleveland, O.

Robertson Jas. L. & Son ("Hines"), 78 Murray, New York

SCHUTTE & KOERTING CO., 1251 N 12th, Phila., Pa.

Sims Co. ("Sims" Cast Iron), 18th & Whitley av, Erie, Pa.

Standard Water Systems Co. ("Tripure"), Hampton, N. J.

Cleveland Twist Drill Co. ("Ezy-Out"), 1 E 49th, Cleveland, O.

4506a—Extractors (Screw)

Huntley Mfg. Co. ("Monitor" for Extracting Stone from Grain, etc), Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor" for Extracting Stone from Grain, etc), Silver Creek, N. Y.

Graham Mfg. Co., 96 Point, Providence, R. I. *See adv index at end of book*

Walton Co. ("Walton"), Hartford, Conn.

4507—Extractors (Stone)

Huntley Mfg. Co. ("Monitor" for Extracting Stone from Grain, etc), Silver Creek, N. Y.

4508—Extractors (Tap)

Graham Mfg. Co., 96 Point, Providence, R. I. *See adv index at end of book*

Walton Co. ("Walton"), Hartford, Conn.

4509—Extractors (Tar)

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

Buffalo Forge Co., Buffalo, N. Y.

Gas Machy. Co., 1900 Euclid av, Cleveland, O.

Isbell-Porter Co. ("P. & A." for Water Gas), 46 Bridge, Newark, N. J.

Smith Gas Power Engineering Co. ("Smith"), Lexington, Richland Co., Ohio

4510—Extracts (Bark)

American Extract Co. (Hemlock), 129 W Kinzie, Chicago, Ill.

Heald Jno. H. & Co., Lynchburg, Va.

Marden, Orth & Hastings Co. (Hemlock, Chestnut, Oak, Spruce, etc), 61 B'way, New York

Michigan Tanning & Extract Co. (Hemlock, etc), Wells, Mich.

Smethport Extract Co. (Pure Hemlock), Exchange bldg, Boston, Mass.

Tanners Extract Co. (Chestnut, Oak), Charleston, W. Va.

Young John S. & Co., Hanover, Pa.

4511—Extracts (Dyewood)

American Dyewood Co., 80 Maiden la, New York

Farbwerke-Hoechst Co., 122 Hudson, New York

Fuerst Bros. & Co. (Imported), 2 Stone, New York

Jamaica Dyewood & Chemical Co. ("Rio D'Oro" Brand), 50 Church, New York

Klipstein A. & Co., 644 Greenwich, New York

Lewis John D., 8 Exchange pl, Providence, R. I.

Leyland Thos. & Co., Readville, Boston, Mass.

Lummons Walter E. Co., 173 Milk, Boston, Mass.

McKenna J. L. & Co., 524 W B'way, New York

Marden, Orth & Hastings Co., 61 B'way, New York

National Aniline & Chemical Co., 100 William, New York

Rice Edward E. & Co., 620 Atlantic av, Boston, Mass.

Stamford Mfg. Co. (Logwood, etc), 82 Wall, New York. Factory: Stamford, Conn.

Sykes W. F. & Co. (Imp), 85 Water, New York

Tanners Extract Co., Charleston, W. Va.

United Indigo & Chemical Co. Ltd., 176 Federal, Boston, Mass.

4512—Extracts (Indigo)

American Dyewood Co. (Dealer), 80 Maiden la, New York

Arnold, Hoffman & Co., 55 Canal, Providence, R. I.

Farbwerke-Hoechst Co., 122 Hudson, New York

Klipstein A. & Co., 644 Greenwich, New York

Lewis John D. (Imported), 8 Exchange pl, Providence, R. I.

Radische Co., 128 Duane, New York

Ransom L. E. Co. (Imp), 279 Pearl, New York

Rice Edward E. & Co., 620 Atlantic av, Boston, Mass.

United Indigo & Chemical Co. Ltd., 176 Federal, Boston, Mass.

Worden Chemical Works (Imp), 4 Cedar, New York

4513—Extracts (Logwood)

Dye Products Co. of the U. S., Kroms & Wiede, Phila., Pa.

Lewes John D., Turks Head bldg, Providence, R. I.

Leyland Thos. & Co., Readville, Boston, Mass.

Marden, Orth & Hastings Co., 61 B'way, New York

National Gum & Mica Co. (Liquid & Solid), 59th & 11th av, New York

Stamford Chemical Co., 80 Wall, New York

Starkweather & Williams Co., 47 Exchange pl, Providence, R. I.

U. S. Dye Products Co., 801 Vernon av, Long Island City, N. Y.

Worden Chemical Works (Imp), 4 Cedar, New York

4514—Extracts (Quebracho)

Bauer Philip Co. (Imported), 68 Broad, New York

Klipstein A. & Co. ("Argam" & Ordinary), 644 Greenwich, New York

Marden, Orth & Hastings Co., 61 B'way, New York

New York Quebracho Extract Co. (Solid & Liquid), 80 Maiden Lane, New York

4515—Extracts (Tanning)

Champion Fibre Co., Canton, N. C.

Chilhowie Extract Co., Newport, Tenn.

Dennis Martin Co. ("Talolin"), 859 Summer av, Newark, N. J.

Fuerst Bros. & Co. (Imp), 2 Stone, New York

Haley-Hammond Co., 129 Pearl, New York

Heald Jno. H. & Co., Lynchburg, Va.

Klipstein A. & Co., 644 Greenwich, New York

Marden, Orth & Hastings Co., 61 B'way, New York

Marion Extract Co., Marion, Va.

Mount Union Tanning & Extract Co., Mt. Union, Pa.

Muskegon Extract Co., Muskegon, Mich.

New York Quebracho Extract Co. (Quebracho, etc), 80 Maiden Lane, New York

Robeson Process Co. ("Spruce"), 18 E 41st, New York

Rosman Tanning Extract Co., Rosman, N. C.

Smethport Extract Co. (Chestnut, Oak & Wood & Hemlock Bark), Exchange bldg, Boston, Mass.

Southern Extract Co., Knoxville, Tenn.

Stamford Mfg. Co. (Quebracho, etc), 82 Wall, New York. Factory: Stamford, Conn.

Tanners Extract Co., Charleston, W. Va.

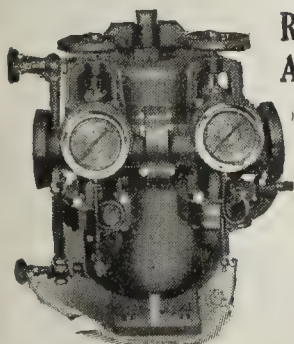
United Indigo & Chemical Co., Ltd., 176 Federal, Boston, Mass.

Young John S. & Co. (Bark), Hanover, Pa.

4515a—*Extruded Metal Workers

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York

See adv index at end of book



REILLY FILTER AND GREASE EXTRACTOR

A mechanical filter for cleansing boiler feed water of oil or other impurities in suspension.

THE

GRISCOM-RUSSELL CO.

92 West Street New York



Eye Glasses

See Lenses

Eye Shades

See Goggles & Eye Protectors

4516— Eyelet Sets

Eyelet Tool Co., 40 Lincoln, Boston, Mass.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

4517—Eyelets (Carriage, Etc.)

Cortland Carriage Goods Co., Cortland, N. Y.
Crandal, Stone & Co., Binghamton, N. Y.
Goshen Eyelet Co. ("Dickinson"), Goshen, Ind.
Grammes L. F. & Sons, Allentown, Pa.
Higgin Mfg. Co., Newport, Ky.
Metal Stamping Co., 13th, Long Island City, N. Y.
Monarch Carriage Goods Co., Cincinnati, Ohio
Neider F. A. Co., Augusta, Ky.
Rimmon Eyelet Co., Seymour, Ct.
Stimpson E. B. Co., 68 Franklin av, Brooklyn, N. Y.

Eyelets (Knob)

See Eyelets, Carriage, etc

4518— Eyelets (Shoe, Etc.)

Agatine Shoe Hook & Eyelet Co., 258 Norfolk, Newark, N. J.
AMERICAN BRASS CO. (Brass, Gilding, etc), Waterbury, Conn.
For branch offices see adv index at end of book
Caseley & Neemes (Corset), Taunton, Mass.

Grammes L. F. & Sons, Allentown, Pa.
Halyard Mfg. Co., Providence, R. I.
Hughes Eyelet Co., Taunton, Mass.
Platt Bros. & Co., Waterbury, Conn.
Rhodes J. C. & Co. (Shoe, Tag & Corset), New Bedford, Mass.
Rimmon Eyelet Co., Seymour, Conn.
S. O. & C. Co. (Shoe, Corset, etc), Ansonia, Conn.
Sibley E. L. Mfg. Co., Bennington, Vt.
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.
United Shoe Machinery Co. (All Kinds, Fast Color), 205 Lincoln, Boston, Mass.
Waterbury Button Co., Waterbury, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

4519— Eyers (Pineapple)

Reading Saddle & Mfg. Co. (Combined with Strawberry Huller), Reading, Pa.
Spengler-Loomis Mfg. Co. ("Peerless"), 58 E Washington, Chicago, Ill.
White Ira F. & Son Co., Bloomfield, N. J.

4520—Eyes (Brass & Bright Wire)

Jencks E. Mfg. Co. (Screw, Stair Rod, Bird Cage, Harness, Hitching, Storm Window Strop, etc), Worcester, Mass.
Parker Wire Goods Co., Worcester, Mass.

4521— Eyes (Lacing)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

4522— Eyes (Pole & Shaft)

Blakeslee Forging Co., Plantsville, Conn.
Clapp E. D. Mfg. Co., 300 Genessee, Auburn, N. Y.
Cleveland Shaft Spring Co., Cleveland, O.
Cowles C. & Co., New Haven, Conn.
Eccles Richard Co., Auburn, N. Y.
Scranton Forging Co., Scranton, Pa.
Smith H. D. Co., Plantsville, Conn.
Strleby & Foote Co., Newark, N. J.
Upson Nut Co., Cleveland, O.

Eyes (Screw)

See Screw Eyes

Fabrics (Automobile Top)

See Cloth, Rubber Coated;
Also Leather, Artificial

4523—Fabric (Wire Link, for Spring Beds)

Automatic Woven Wire Supply Co., Manning & Delancey, New York
Mattatuck Mfg. Co. ("National," "International"), Waterbury, Conn.
Morgan Spring Co., Worcester, Mass.

Fabricators (Steel Building)

See Steel Structural Work

4523a—Fabrikoid Book Finish

See Book Binding Material, Book Finish
Fabrikoid, Page 123

4524— Facing Arms

Underwood H. B. & Co. (Portable), 1027 Hamilton, Phila., Pa.

Factory Buildings (Steel)

See Steel Structural Work

4525— Fans (Acid)

Stearns-Roger Mfg. Co. ("Heinz-Skinner"), Denver, Col.

4526— Fans (Battery Motor)

Carleton Co., 170 Summer, Boston, Mass.
Kendrick-Davis Co. ("Ajax," "Standard," "Kent"), Lebanon, N. H.
Knapp Electric & Novelty Co. ("Kenco"), 511 W 51st, New York
Manhattan Electric Supply Co., 17 Park pl, New York
Menominee Elec. Mfg. Co., Menominee, Mich.
Ohio Electric Works, Cleveland, O.

Fans (Ceiling)

See Fans, Ceiling Belted; also Fans, Ceiling Electric; also Fans, Water Motor

4527— Fans (Ceiling, Belted)

Dayton Fan & Motor Co., Dayton, O.
Hunter Fan & Motor Co. ("Tuerk's"), Fulton, N. Y.
Indiana Fan Co., Indianapolis, Ind.
Ochsner A. & Son, New Haven, Conn.
Seymour J. M. Jr., 51 Lawrence, Newark, N. J.
Tolhurst Machine Works, Troy, N. Y.

4528—Fans (Ceiling, Electric)

Adams-Bagnall Electric Co. ("Jandus," "Gyrofan" Alternating & Direct Current), Cleveland, O.
Century Electric Co. ("Century," Alternating Current), 19th & Pine, St. Louis, Mo.
CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book
Dayton Fan & Motor Co. (Direct Current), Dayton, O.
Diehl Mfg. Co. (Direct Current), Elizabeth, N. J.

ECK DYNAMO & MOTOR CO. ("Hurricane," "Eck Hurricane"), Belleville, N. J. *See adv index at end of book*
Emerson Electric Mfg. Co. (Alternating Current), 2024 Wash av, St. Louis, Mo.
Fidelity Electric Co. (Direct Current), Lancaster, Pa.

GENERAL ELECTRIC CO. (Direct Current), Schenectady, N. Y.
See adv index at end of book

Hunter Fan & Motor Co. ("Tuerk," Adjustable Direct & Alternating Current), Fulton, N. Y.
Peerless Electric Co. ("Peerless," Direct Current), Warren, O.
Robbins & Myers Co. (Direct & Alternating), 1400 Lagonda av, Springfield, O.
Sprague Electric Works ("Lundell," Direct Current), 527 W 34th, New York
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4529— Fans (Centrifugal)

American Blower Co. ("Sirocco," "A P C"), 1400 Russell, Detroit, Mich.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book
New York Blower Co., Archer av & Canal, Chicago, Ill. Works: Bucyrus, O.
Ottumwa Box Car Loader Co., Ottumwa, Iowa
Stine S. B., Osceola Mills, Pa.

4529a—*Fans (Collecting & Conveying)

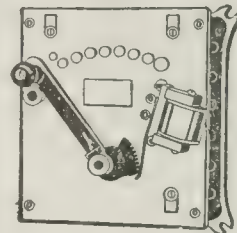
Boston Blower Co., Hyde Park, Boston, Mass.

Fans (Desk & Office)

See Fans, Electric, Portable, Alternating Current; also Fans, Electric Portable, Direct Current

4530—Fans (Electric Disc, Direct Connected)

American Blower Co. ("A B C," "Cyclone," "Ventura"), 1400 Russell, Detroit, Mich.
Barney Ventilating Fan Wks, 147 Pearl, Boston, Mass.
Batterman Truitt Co., 20 E Kinzie, Chicago, Ill.
Bayley Mfg. Co., 732 Greenbush, Milwaukee, Wis.
Bicalk, Fan Co., Buffalo, N. Y.
Buffalo Forge Co., 490 B'way, Buffalo, N. Y.
Crocker-Wheeler Co., Ampere, N. J.



Motor Speed Regulators for motor driven apparatus of every kind, such as fans, blowers, etc.

The Cutler-Hammer Mfg. Co.,
1200 St. Paul Avenue,
Milwaukee, Wis.

Dayton Fan & Motor Co., Dayton, O.
De Vilbiss Mfg. Co., 1318 Dorr, Toledo, O.
Diehl Mfg. Co., Elizabeth, N. J.
ECK DYNAMO & MOTOR CO. ("Hurricane"), Belleville, N. J.
See adv index at end of book

Emerson Elec. Mfg. Co., 2024 Wash'n av, St. Louis, Mo.
Fuller Co., Detroit, Mich.
Garden City Fan Co., 332 S Michigan av, Chicago, Ill.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Green Fuel Economizer Co., Matteawan, N. Y.

Hatch & Sullivan, Exeter, N. Y.
Holtzer-Cabot Electric Co., Brookline, Mass.

Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York
Ilg Elec. Ventg. Co., 154 Whiting, Chicago, Ill.

Indiana Fan Co., 40 E South, Indianapolis, Ind.
Johnston Wm. T. Co., 3d & Vine, Cincinnati, O.

Kimble Elec. Co., 634 N Western, Chicago, Ill.

Mechanical Appliance Co. ("Watson"), Milwaukee, Wis.

National Blower Works, Milwaukee, Wis.
Natural Power Co., St. Louis, Mo.
New York Blower Co., Archer av & Canal, Chicago, Ill.

Peerless Electric Co. ("Peerless"), Warren, Ohio.

Perkins & Sons, Holyoke, Mass.
Protective Ventilator & Screen Corp., 330 E 73d, New York

Robbins & Meyers Co., Springfield, O.
Rochester Motors Co., Rochester, N. Y.
Seymour J. M. Jr., 51 Lawrence, Newark, N. J.

Sprague Electric Works, 527 W 34th, New York

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Western Electric Co., 463 West, New York

WESTINGHOUSE ELECTRIC & MFG. CO.,
East Pittsburgh, Pa.
See adv index at end of book
Wing L. J. Mfg. Co., 352 W 13th, New
York

4531—Fans (Electric Portable, Alternating Current)

Adams-Bagnall Electric Co. ("Jandus"),
Cleveland, O.
American Blower Co., 1400 Russell, De-
troit, Mich.
Century Electric Co., 19th & Pine, St.
Louis, Mo.
Crocker-Wheeler Co., Ampere, N. J.
Diehl Mfg. Co., Elizabeth, N. J.
Dilg Mfg. & Trading Co., 401 E 163d, New
York

ECK DYNAMO & MOTOR CO. ("Hurricane," "Eck Hurricane"), Belleville,
N. J. *See adv index at end of book*
Emerson Electric Mfg. Co., 2024 Wash.
av, St. Louis, Mo.

Fidelity Electric Co., Lancaster, Pa.
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*

Gilbert A. C. Co. ("Polar Cub"), New
Haven, Conn.

Hunter Fan & Motor Co., Fulton, N. Y.
Kimble Electric Co., 634 N Western av,
Chicago, Ill.

Peerless Electric Co. ("Peerless"), Warren,
O.

Robbins & Myers Co., 1400 Lagonda av,
Springfield, O.
Shedd Electric Co. ("Comfort"), Roselle
Park, N. J.

Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG. CO.,
East Pittsburgh, Pa.
See adv index at end of book

4532—Fans (Electric Portable, Direct Current)

Adams-Bagnall Electric Co. ("Jandus,"
Direct Current), Cleveland, O.
American Blower Co., 1400 Russell, De-
troit, Mich.

Boker H. & Co. (Ercole Marelli & Co., 101
Duane, New York

Carleton Co., 170 Summer, Boston, Mass.
Crocker-Wheeler Co., Ampere, N. J.
Commercial Electrical Supply Co., 15th &
Pine, St. Louis, Mo.

Dayton Fan & Motor Co., Dayton, O.
Diehl Mfg. Co. ("Universal"), Elizabeth,
N. J.

Dilg Mfg. & Trading Co., 401 E 163rd,
New York

ECK DYNAMO & MOTOR CO. ("Hurricane," "Eck Hurricane"), Belleville,
N. J. *See adv index at end of book*

Emerson Electric Mfg. Co., 2024 Wash'n
av, St. Louis, Mo.

Fidelity Elec. Co., Lancaster, Pa.
GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*

Gilbert A. C. Co. ("Polar Cub"), Fox, New
Haven, Conn.

Hamilton-Beach Mfg. Co. ("Cyclone"),
Racine, Wis.

Hunter Fan & Motor Co., Fulton, N. Y.
Knapp Elec. & Nov. Co., 569 W 51st, New
York

Kokomo Oscillating Fan Co., Kokomo, Ind.
Lindstrom-Smith Co., 1104 S Wabash av,
Chicago, Ill.

Manhattan Elec. Supply Co., 17 Park pl,
New York

Menominee Electric Mfg. Co., Menominee,
Mich.

Parker Machine & Fan Works, Kansas
City, Kans.

Peerless Electric Co. ("Peerless"), War-
ren, Ohio

Racine Electric Co., 53 W Jackson bl,
Chicago, Ill.

Robbins & Myers Co. (also Alternating
Current), 1400 Lagonda av, Spring-
field, O.

Roth Bros. & Co., 1400 W Adams, Chicago,
Ill.

Shedd Electric Co. ("Comfort"), Roselle
Park, N. J.

Sprague Electric Works ("Lumdell"), 527
W 34th, New York

Star Fan & Motor Wks, 245 N. J. R. R.
av, Newark, N. J.

Western Electric Co., 463 West, New York
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.

See adv index at end of book

4533—Fans (Exhaust or Ventilating)

See also Blowers, Various Kinds; also
Fans, Mine Ventilating; also Fans,
Electric, Various Kinds

CONNECTICUT.

WINDSOR LOCKS—Clark George P. Co.

CLARK'S THE HOME OF
1000 TRUCKS
WINDSOR LOCKS, CT.

ILLINOIS.

CHICAGO—Cyclone Blow Pipe Co., 2552
W 21st

Fairbanks, Morse & Co., 900 So. Wa-
bash av

Garden City Fan Co., 332 S Michigan
av

Ilg Electric Ventilating Co. (Self-
Cooled Motor), 154 Whiting

New York Blower Co., Archer av &
Canal. Works: Bucyrus, O.

Raymond Bros. Impact Pulverizing
Co., 1319 North Branch

STURTEVANT B. F. CO. ("Sturte-
vant," "Multivane," "Monogram,"
"Steel Pressure," "Supervane"),
530 S Clinton

See adv index at end of book

U. S. Steel Tank & Pipe Co., 2090
Canalport av

INDIANA.

INDIANAPOLIS—Nordyke & Marmon Co.,
1290 Kentucky av

KANSAS.

KANSAS CITY—Parker Machine & Fan
Works

WICHITA—Reschke Machine Works

MARYLAND.

BALTIMORE—Dixie Mfg. Co., Stockholm
& Russell

MASSACHUSETTS.

BOSTON—Banister A. W. Co., 421 Dor-
chester av S

Barney Ventilating Fan Works (Com-
pound) (A. B. Franklin, Prop.),
147 Pearl

Boston Blower Co., Hyde Park

Carlisle & Gale Co. (Slow Speed, Low
Power), 81 Wareham

Electric Blower Co. ("Marvel"), 352
Atlantic av

STURTEVANT B. F. CO. ("Sturte-
vant," "Multivane," "Monogram,"
"Steel Pressure," "Supervane"),
15 Damon, Hyde Park

See adv index at end of book

HOLYOKE—Perkins B. F. & Son

MICHIGAN.

DETROIT—American Blower Co. ("A. B.
C."), 1400 Russell

Fuller Co.

KALAMAZOO—Clarage Fan Co., North &
Porter

SAGINAW—Allington & Curtis Mfg. Co.

MISSOURI.

ST. LOUIS—Century Electric Co., 19th &
Pine

Emerson Electric Mfg. Co., 2024
Wash'n av

Skinner Bros. Mfg. Co., 10th & Tyler

Western Blow Pipe & Sheet Metal Co.

NEW JERSEY.

BELLEVILLE—ECK DYNAMO & MOTOR
CO. *See adv index at end of book*

ELIZABETH—Diehl Mfg. Co.

EAST TRENTON—DE LAVAL STEAM
TURBINE CO. (Turbine Driven)

See adv index at end of book

NEWARK—Backus Water Motor Co., 172
Penna av

Seymour J. M. Jr., 51 Lawrence

NEW YORK.

BUFFALO—Bicalky Fan Co.

Buffalo Forge Co. ("Baby")

FULTON—Hunter Fan & Motor Co.
("Tuerk," Electric & Belt)

MATTEAWAN—Green Fuel Economizer
Co.

NEW YORK CITY.

NEW YORK—GODFREY-KEELER CO.,
70 Warren

See adv index at end of book

Howard & Morse ("Blackman" & "Du-
plex" Cone), 46 Fulton

STURTEVANT B. F. CO. ("Sturte-
vant"), 52 Vanderbilt av

See adv index at end of book

Wing L. J. Mfg. Co., 352 W 13th

SCHENECTADY—GENERAL ELECTRIC
CO. (Electric)

See adv index at end of book

TROY—Tolhurst Machine Works (Ventilating)

OHIO.

BUCYRUS—New York Blower Co. (See
Chicago, Ill.)

CINCINNATI—Diamond Machine Co., 3rd
& Vine

Johnston Wm. T. Co., 3rd & Vine

Kirk & Blum, York & Western aves

CLEVELAND—Bartlett Bros. Co., 178
Huron

SPRINGFIELD—Robbins & Myers Co., 1400
Lagonda av (For Small Rooms,
etc)

WARREN—Peerless Electric Co. ("Peer-
less," Consulting)

PENNSYLVANIA.

EAST PITTSBURGH—WESTINGHOUSE
ELECTRIC & MFG. CO.

See adv index at end of book

LANCASTER—Champion Blower & Forge
Co.

PHILADELPHIA—Philadelphia Textile
Machinery Co. ("Proctor"), Tabor

RHODE ISLAND.

PROVIDENCE—Astle H. J. & Co. ("Bo-
land"), 118 Orange

New England Ventilating & Heating
Co., 926 Manton av

WISCONSIN.

MILWAUKEE—ALLIS-CHALMERS MFG.
CO., Milwaukee, Wis.

See adv index at end of book

Bayley Mfg. Co.

Mechanical Appliance Co. (Motor
Driven)

National Blower Works

4534—Fans (Fly)

National Enameling & Stamping Co.
("Keyless"), 411 5th av, New York

4534a—*Fans (Gyrating, Electric)

Westinghouse Electric & Mfg. Co., East
Pittsburgh, Pa.

See adv index at end of book

4535—Fans (Mine Ventilating)

ALLIS-CHALMERS MFG. CO., Milwaukee,
Wis. *See adv index at end of book*

American Blower Co. ("Sirocco"), 1400
Russell, Detroit, Mich.

Buffalo Forge Co., Buffalo, N. Y.

Clarage Fan Co., North & Porter, Kalama-
zoo, Mich.

Connellsville Mfg. & Mine Supply Co.
Connellsville, Pa.

Crawford & McCrimmon Co., Brazil, Ind.

DE LAVAL STEAM TURBINE CO. (Tur-
bine Driven), East Trenton, N. J.

See adv index at end of book

Dixie Mfg. Co., Stockholm & Russell, Bal-
timore, Md.

Duncan Foundry & Machine Works, Al-
ton, Ill.

Eagle Iron Works (Direct Connected).
Des Moines, Ia.

Elliott Co. ("Clifford Capell"), Pittsburgh,
Pa.

Fairmont Mining Machinery Co., Fair-
mont, W Va.

Finch Mfg. Co., Scranton, Pa.

Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Harris-Stevens Co., Pittsburgh, Pa.
 Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
 Herzler & Henninger Machine Works, Belleville, Ill.
 Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York
JEFFREY MFG. CO. ("Jeffrey," Centrifugal), 961 N Fourth Columbus, O.
See adv index at end of book
 Johnston Wm. T. Co., 3d & Vine, Cincinnati, O.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Litchfield Foundry & Machine Co., Litchfield, Ill.
 Mineral Ridge Mfg. Co. ("Stevens" Centrifugal), Mineral Ridge, O.
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
 Ottumwa Box Car Loader Co., Ottumwa, Ia.
 Ottumwa Iron Works, Ottumwa, Ia.
 Parker Machine & Fan Works, Kansas City, Kans.
 Robinson Ventilating Co., Jenkins Arcade bldg, Pittsburgh, Pa.
 Scottdale Machine & Mfg. Co., Scottdale, Pa.
 South Side Foundry & Machine Works ("Kanawha"), Charleston, W. Va.
 Southern Illinois Machine & Foundry Co., Murphysboro, Ill.
 Stine J. C. Co. (6 to 30 ft in diameter), Tyrone, Pa.
 Stine S. B., Osceola Mills, Pa.
 United Iron Works Co., Springfield, Mo.
 Vulcan Iron Works, Wilkes-Barre, Pa.

4536— Fans (Propeller)

American Blower Co., 1400 Russell, Detroit, Mich.
 Bicalky Fan Co., Buffalo, N. Y.
 Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 New York Blower Co., Archer av & Canal, Chicago, Ill.
 Sterling Blower Co. ("Sterling"), Hartford, Conn.
STURTEVANT B. F. CO. ("Sturtevant" Electric & Pulley), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4537— Fans (Radiator)

A. Z. Co., 527 W 56th, New York
 Briscoe Mfg. Co., Detroit, Mich.
 Holtz Fdry. & Mfg. Co., Fremont, O.
 Hunt & Dorman Mfg. Co., Cleveland, O.
 Kells W. J. Mfg. Co., 521 W 45th, New York
 McCord Mfg. Co., Detroit, Mich.
 New Britain Sheet Metal Co., New Britain, Conn.
 Sparks-Withington Co., Jackson, Mich.

4538—Fans (Roof Ventilating)

American Blower Co., 1400 Russell, Detroit, Mich.
 Bicalky Fan Co. ("Bicalky"), Buffalo, N. Y.
 Parker Machine & Fan Works, Kansas City, Kans.

4539— Fans (Steel Plate)

American Blower Co. ("A. B. C."), 1400 Russell, Detroit, Mich.
 Buffalo Forge Co. ("Niagara Canoidal"), Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

4540—*Fans (Telephone Booth)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Fans (Ventilating)

See Fans, Exhaust or Ventilating

Fans (Ventilating, Engine Connected)

See Blower Manufacturers

4541— Fans (Water Motor)

Backus Water Motor Co., 172 Penna av, Newark, N. J.
 Hunter Fan & Motor Co., Fulton, N. Y.
 Indiana Fan Co. (Desk & Column), Indianapolis, Ind.
 Seymour James M. Jr., 51 Lawrence, Newark, N. J.

4542— Farina

Albers Bros. Milling Co., Portland, Ore.
 Campbell L. G. Milling Co., Owatonna, Minn.
 Centennial Mill Co., Seattle, Wash.
 Commercial Milling Co., Woodbridge & Randolph, Detroit, Mich.
 Corno Mills Co., St. Louis, Mo.
 Crete Mills, Crete, Neb.
 Hecker-Jones-Jewell Milling Co., 207 Produce Exchange, New York
 Hess G. B. Co., Green Bay, Wis.
 Lea Milling Co., Wilmington, Del.
 Norfolk Cereal & Flour Mills, Norfolk, Neb.
 Quaker Oats Co., 80 E Jackson, Chicago, Ill.
 Red Wing Milling Co., Red Wing, Minn.
 Sparr Cereal Co., Marshfield, Wis.

4543— Fasteners (Bale Tie)

Acme Steel Goods Co. (Also Shook Tie), 2834 Archer av, Chicago, Ill.
See adv index at end of book
CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*

4544— Fasteners (Bedstead)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill. *See adv index at end of book*
 American Mfg. Co., Chattanooga, Tenn.
 Susquehanna Casting Co., Wrightsville, Pa.
 Wrightsville Hardware Co., Wrightsville, Pa.

4545—Fasteners (Blind & Shutter)

Auer John Jr. ("Van Sands" Wrought Iron), 197 Middleton, Brooklyn, N. Y.
 Axthelm Mfg. Co. (Flush Gravity), 242 3d av, Pittsburgh, Pa.
 Boston Pressed Metal Co. ("Osborne"), Worcester, Mass.
See adv index at end of book
 Eagan Thos. F. Hardware Co. (Storm Window), Worcester, Mass.
ELECTRICAL APPLIANCE MFG. CO. (Blind), Waterbury, Conn.
 Flagg Stanley G. & Co. ("Francis"), Morris bldg, Phila., Pa.
 Ives H. B. Co., New Haven, Conn.
 Johnston J. D., Newport, R. I.
 Orr, Galen & Co., Needham, Mass.
 Parker Wire Goods Co. ("Streeter"), Worcester, Mass.
 Penn Hardware Co., Reading, Pa.
 Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
 Susquehanna Casting Co., Wrightsville, Pa.
 Wrightsville Hardware Co. ("Shepard's"), Wrightsville, Pa.
 Zimmerman G. F. S. & Co. ("Zimmerman" All Steel), Frederick, Md.
 Zimmerman H. ("Zimmerman" All Steel Shutter Fastener), Fremont, O.

4546—Fasteners (Box & Crate)

Acme Steel Goods Co. (Box, Board & Shook), 2834 Archer av, Chicago, Ill.
See adv index at end of book
 American Steel Goods Co. (Round Ends), 275 Water, New York, N. Y.
CARY MFG. CO. (Box Board & Shook), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
 Crouse Metal Mfg. Co., Williamsport, Pa.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
 Ryan M. C. Co., Phoenix, N. Y.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

Fasteners (Button)

See Fasteners, Carriage, Auto Curtain & Top

4547— Fasteners (Car Door)

Dayton Mall Iron Co. ("Dayton"), Dayton, O.
 National Malleable Castings Co., Cleveland, O.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Western Railway Equipment Co., Central Nat'l Bank bldg, St. Louis, Mo.

4548—Fasteners (Carriage & Auto Curtain & Top)

Anderson Electric Machine Tool Co., 1324 Cass av, St. Louis, Mo.
 Auto Specialties Mfg. Co. ("Bair"), Joliet, Ill.
 Carr Fastener Co. (Snap Lock "Lift The Dot," "Common Sense"), Boston, Mass.
 Cowles C. & Co. ("Brewster," "Ideal," "Perfect," "Success," "Excelsior"), New Haven, Conn.
 Crandal, Stone & Co. ("Titchener's," "Perfect," "Eccentric," "Pioneer," "Premier" & Adjustable), Binghamton, N. Y.
 Dunlap Machinery Co. Ltd. ("Dart," Shoe Button), 69 Beekman, New York
 English & Mersick Co. ("Grip"), New Haven, Conn.
 Enterprise Brass & Plating Co. ("Monarch"), 6th & Baymiller, Cincinnati, O.
 Grammes L. F. & Sons, Allentown, Pa.
 Heaton Peninsular Button Fastener Co. ("Heaton," "Peninsular," "Apex"), 65 Shirley, Boston, Mass.
 Higgin Mfg. Co. ("Higgin"), Newport, Ky.
 Jonah & George, Merrimac, Mass.
 Lounsbery G. H. & Sons ("Eureka"), 8 W 3rd, Cincinnati, O.
 Metal Stamping Co. ("Peerless," "Perfection" & Adjustable), 13th, Long Island City, N. Y.
 Murphy G. W. J. Co. ("Murphy"), Merrimac, Mass.
 National Lock Washer Co. ("National"), 65 Johnson, Newark, N. J.
 Neider F. A. Co. ("Peerless" Brass), Augusta, Ky.
 North & Judd Mfg. Co. ("Anchor Brand," "Perfection"), New Britain, Conn.
 Novelty Mfg. Co., Waterbury, Conn.
 O'Brien Jos. F. Mfg. Co., 391 B'way, New York
 Scherer H. & Co., Detroit, Mich.
 Smith Jos. N. & Co. ("Reliable"), Detroit, Mich.
 Standard Top & Equipment Co. ("Swan"), 6014 Euclid, Cleveland, O.
 Trojan Button Fastener Co., Troy, N. Y.
 United States Fastener Co., 95 Milk, Boston, Mass.
 Weiss Chas. & Son ("Separable"), 4715 Cottage Grove av, Chicago, Ill.
 Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.
 Woodruff Walter W. & Sons Co., Mt Carmel, Conn.

4549— Fasteners (Chain Door)

Grey Iron Castings Co., Mt. Joy, Pa.
 Neal B. B. Hardware Co. ("Hoegger's Surelock"), 117 Leonard, New York
 Pacific Hardware Mfg. Co., Los Angeles, Cal.
 Penn Hardware Co., Reading, Pa.
 Racine Iron & Wire Works ("Anti-Panic"), Racine, Wis.
 Yale & Towne Mfg. Co., 9 E 40th, New York

4550— Fasteners (Cloth)

Salisbury Mfg. Co. (For Rolls of Cloth, etc), 14 Leather av, Providence, R. I.

4551—Fasteners (Clothes Line)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Noll Geo. H. ("Gem"), 27 Crescent, Brooklyn, N. Y.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

4552—Fasteners (Clothing, Glove, Etc.)

See also Hooks & Eyes, Dress

- Alma Mfg. Co. (Snap), 611-61 S Monroe, Baltimore, Md.
 Carr Fastener Co. (Snap Lock), Boston, Mass.
 Crandel, Stone Co. (Glove), Binghamton, N. Y.
 Lane Mfg. Co. (Snap, for Gloves, Knit Goods, Pocket Books, Belts, Caps, etc), Waterbury, Conn.
 Rau Fastener Co. (Snap, for Gloves, etc), 14 Blount, Providence, R. I.
 Scovill Mfg. Co., Waterbury, Conn.
See adv index at end of book
 U. S. Fastener Co. (Clothing, Glove, Umbrella, Pocket Book, Shoe, Cap, etc), 95 Milk, Boston, Mass.
 Waldes & Co. ("Koh-I-Noor" Snap), 137 5th av, New York

4553—Fasteners (Combination Nail & Screw)

- Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

4554—Fasteners (Concrete Form)

- Ryan M. C. Co. ("Sherwood"), Phoenix, N. Y.

4555—Fasteners (Conductor Pipe)

See also Hooks, Pipe

- Berger Bros. Co., 231 Arch, Phila., Pa.
 Berger Mfg. Co. (Adjustable), Canton, O.
 Garry Iron & Steel Co., Niles, O.
 Iwan Bros., South Bend, Ind.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
 Ohio Corrugating Co., Warren, O.
See adv index at end of book

4556—Fasteners (Conduit)

- Hart & Hegeman Mfg. Co. (For Holding Flexible Conduits in Wall Cases), Hartford, Conn.

4557—Fasteners (Corrugated Steel)

- CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
 Corrugated Steel Nail Co. ("Draw-Grip"), Springfield, O.
 DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.
 Klauer Mfg. Co., Dubuque, Ia.
 Knight H. W. & Son, Seneca Falls, N. Y.
 Shanafelt Mfg. Co., Canton, O.
 Smallwood W. R. Mfg. Co., Gowanda, N. Y.
 STANLEY WORKS, New Britain, Conn.
See adv index at end of book
 Williamsport Joint Fastener Co., Williamsport, Pa.
 Wrightsville Hardware Co., Wrightsville, Pa.

4558—Fasteners (Curtain, Car, Etc.)

- Anderson Electric Machine Tool Co. (For Autos, Carriages, etc), St. Louis, Mo.
 Carr F. S. Co., 31 Beach, Boston, Mass.
 Cowles C. & Co., New Haven, Conn.
 Jarvis Charles L. Co. (Curtain), Gildersleeve, Conn.
 Neider F. A. Co., Augusta, Ky.
 Novelty Mfg. Co., Waterbury, Conn.
 Roehm & Davison, Wayne & Woodbridge, Detroit, Mich.
 St. Louis Car Co. (For Car Curtains), 8000 N B'way, St. Louis, Mo.
 Smith Jos. N. & Co., Detroit, Mich.
 Weiss Chas. & Son, 4715 Cottage Grove av, Chicago, Ill.

4559—Fasteners (Guard Rail)

- American Guard Rail Fastener Co. (Tie Plate), Real Estate Trust bldg, Phila., Pa.
 Cleveland Frog & Crossing Co., Cleveland, Ohio
 Cleveland Railway Supply Co., Cleveland, Ohio
 Morden Frog & Crossing Works, 203 S La Salle, Chicago, Ill.
 Virginia Railway Supply Co. (Shoffner), Norfolk, Va.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4560—Fasteners (Hame & Collar)

- American Mfg. Co. ("Boss" Hame), Chattanooga, Tenn.
 Berry Chas. E. ("Berry"), Somerville, Mass.
 Conn A. H. ("Beats All"), Cedar Rapids, Ia.
 Covert Mfg. Co. ("Holdfast"), Troy, N. Y.
 Covert Saddlery Works ("Dandy," "Fairy," "C. B. B.," "L. B. L." Hame), Interlaken, N. Y.
 Dodson Saddlery Co. ("Dodson"), Dallas, Tex.
 Flagg Stanley G. & Co. (Hame), Morris bldg, Phila., Pa.
 Foote J. B. Foundry Co., Fredericktown, O.
 Imperial Bit & Snap Co., Racine, Wis.
 National Safety Snap Co. ("Kling"), Wilmington, O.
 North O. B. & Co. ("Success"), New Haven, Conn.
 North & Judd Mfg. Co. (Improved "Success" Hame, "I X L" Collar), New Britain, Conn.
 Weldless Chain Co. ("Perfect"), Bridgeport, Conn.

4560a—Fasteners (Hatch)

- Mullholland Hatch Fastener Co. ("Mullholland," "Simplex," "Security"), Marion bldg, Cleveland, O.

4561—Fasteners (Hoop)

- AMERICAN STEEL & WIRE CO., Chicago, Ill. *See adv index at end of book*
 Atlas Tack Co., Fair Haven, Mass.
 Reading Screw Co., Norristown, Pa.
 Stanley Geo. W. Co., Belleville, Ill.
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.
 Townsend C. C. & E. P. Co., New Brighton, Pa.

Fasteners (Horse Blanket)

See Holders, Blanket

Fasteners (Horse Collar)

See Fasteners, Hame & Collar

4562—Fasteners (Ice Box)

- Reading Hardware Co., Reading, Pa.
 Sargent & Co., New Haven, Conn.

4563—Fasteners (Kiln Band & Plate)

- Tecktomus E. C. Mfg. Co., Racine, Wis.

4564—*Fasteners (Metal Lath)

- ANKYRA MFG. CO., Wayne Junction, Phila., Pa. *See adv index at end of book*

Fasteners (Nut & Bolt)

See Washers, Lock

4565—Fasteners (Pail & Tub)

- STANLEY WORKS (Cement Coated), New Britain, Conn.
See adv index at end of book

4566—Fasteners (Paper)

- AMERICAN BRASS CO. ("McGill," "Star" Brass), Waterbury, Conn.
For branch offices see adv index at end of book
 American Clip Co., Beebe av, Long Island City, N. Y.
 Buffalo Automatic Mfg. Co. ("Climax"), 165 Pearl, Buffalo, N. Y.
 Bumps Paper Fastener Co., La Crosse, Wis.
 Clipless Paper Fastener Co. ("Clipless"), Newton, Ia.
 De Long Hook & Eye Co. ("Twin Grip"), Broad & Wallace, Phila., Pa.
 Dennison Mfg. Co. ("Magill Patn"), 26 Franklin, Boston, Mass.
 Easy Fastener Co., Atlanta, Ga.
 Grammes L. F. & Sons, Allentown, Pa.
 Hotchkiss E. H. Co. (Fasteners & Tacker), Norwalk, Conn.
 Ideal Specialties Mfg. Corp. ("Superior"), 552 Pearl, New York
 Kelly F. Co., Derby, Conn.
 Machine Appliance Corp'n (Automatic), 351 Jay, B'klyn, N. Y.

- O. K. Mfg. Co. ("Washburne's O. K." Adjustable), Syracuse, N. Y.
 Phila. Novelty Mfg. Co. ("Novelty"), 13th & Noble, Phila., Pa.
 Rockwell-Barnes Co. ("Rockbarnes"), 823 S Wabash av, Chicago, Ill.
 Salisbury Mfg. Co. ("Salisbury"), 14 Leather av, Providence, R. I.
 Stimpson Edw. B. Co. ("Dale"), 68 Franklin av, Brooklyn, N. Y.
 West Mfg. Co. ("Only"), 58 N 2d, Phila., Pa.

4567—Fasteners (Rug & Carpet)

- Donchion Saml. Rug Co ("Sultan"), Hartford, Conn.
 Hampden Mfg. Co. ("Hampden" Fastener & Stretcher), 106 Fulton, New York

Fasteners (Sash)

See Locks, Sash

Fasteners (Sash Cord)

See Irons, Sash Cord

4568—Fasteners (Screen Plate)

- Hardy Wm. A. & Sons Co. ("Spring-Lock-wood"), Fitchburg, Mass.
 Union Screen Plate Co. ("Witham"), Fitchburg, Mass.

4569—Fasteners (Scuttle)

- Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

4570—Fasteners (Sheet Roofing)

- AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
 Usona Mfg. Co. ("Howard's"), Aurora, Ill.

Fasteners (Shutter)

See Fasteners, Blind

4571—Fasteners (Slate)

- Hamblin & Russell Mfg. Co., Worcester, Mass.

Fasteners (Snap)

See Fasteners, Clothing, Glove, etc.

4572—Fasteners (Split Shank)

- Grammes L. F. & Sons, Allentown, Pa.

4573—Fasteners (Stair Carpet)

- Pressed Steel Mfg. Co. ("Gem"), Land Title bldg, Phila., Pa.

Fasteners (Storm Window)

See Hangers, Storm Sash & Screen

4574—Fasteners (Tub)

- Bliss Bros. 170 Commercial, Boston, Mass.

4575—Fasteners (Whip Socket)

- Searls Mfg. Co. ("Caffrey," "Chamberlin," "Essex," "Security," "Leader," etc), 29 Mulberry, Newark, N. J.

4576—Fasteners (Window Case-ment)

- Corbin Cabinet Lock Co. ("Empire" Safety), New Britain, Conn.
 Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.
 Edwards O. M. Co., Syracuse, N. Y.
 Payson Mfg. Co., 2916 W Jackson blvd, Chicago, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Shelby Spring Hinge Co., Shelby, O.
 STANLEY WORKS (Window & Screen), New Britain, Conn.
See adv index at end of book
 Woodruff Walter W. & Sons Co. ("Dolbers," Window & Shutter), Mount Carmel, Conn.

4577—Faucets

See also Cocks; also Cocks & Bibbs of Various Kinds

- Allen Chas. I. ("Eclipse," "Eagle" & "Butternut" Key), Pequabuck, Conn.
 Asbell S. J. Co. (Brass), Paterson, N. J.
 Bashlin Co. (Compression & Self-Closing), Warren, Pa.

Bishop-Babcock-Becker Co. (Bar & Soda), Cleveland, O.
 Brown Joseph (White Metal), New Orleans, La.
 Chicago Faucet Co. (Brass "Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
 Clark Novelty Co. (Brass), Rochester, N. Y.
 Craig David ("Craig" Automatic Swing Basin), 70 Broad, Boston, Mass.
 Edwardsville Brass Co. (Brass), Edwardsville, Ill.
 Haines, Jones & Cadbury Co., 1138 Ridge av, Phila., Pa.
 Haydenville Co. (Compression, Fuller Pattern, Lever Handle & Self-Closing, "Quick-Ope"), Haydenville, Mass.
 Kraft A. C. (Oil, Gasoline, Molasses & Tank), 323 W Lake, Chicago, Ill.
 Landers, Frary & Clark (Milk Can, Cream Separator, Petroleum Oil, etc), New Britain, Conn.
 McKenna Bros. Brass Co. (Brass, Liquor, etc), 1st av & Ross, Pittsburgh, Pa.
 McNab & Harlin Mfg. Co., 55 John, New York

McRAE & ROBERTS CO. (Water Cooler, Oil Can, Milk Can & Coffee Urn), 227 Campbell av, Detroit, Mich.
See adv index at end of book

Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.

Meyer-Sniffen Co., 11 W 36th, New York
 Mott J. L. Iron Works, 118 5th av, New York

National Brass Mfg. Co. (Oil & Gasoline Can, Cream Can Separator, Water Cooler, etc), Rochester, N. Y.

Peck Bros. & Co., New Haven, Conn.
 Puro Sanitary Drinking Fountain Co. ("Puro," Combination Faucet & Drinking Fountains), Haydenville, Mass.

Rundle Mfg. Co. (Fuller & Compression), 27th & Wahl, Milwaukee, Wis.

Standard Brass & Iron Works ("Standard," Bar Drop Handle, etc), 1820 St. Paul av, Milwaukee, Wis.

4578-9—Faucets (Beer & Liquor)

Bishop-Babcock-Becker Co., Cleveland, O.
 Deekebach F. C. Sons Co., 123 W Court, Cincinnati, O.
 George Bros. & Co., Winchester, Ky.
 Russ Co., 5700 Walworth av, Cleveland, O.

Faucets (Bubbling)

See Fountains, Drinking, Sanitary

4580—Faucets (Catsup Bottling, Etc.)

Haydenville Co., Haydenville, Mass.
 Langsenkamp F. H., Indianapolis, Ind.

Faucets (Cream Separator)

See Cocks, Cream Separator

4581—Faucets (Lock Lever)

McDonald A. Y. Mfg. Co., Dubuque, Ia.
 National Brass Mfg. Co. ("National"), Rochester, N. Y.
 Powell Wm. Co., Cincinnati, O.

Faucets (Milk Can)

See Cocks, Milk Can

Faucets (Molasses)

See Gates, Molasses

4582—Faucets (Oil Can)

Batavia Brass & Iron Novelty Works, Batavia, N. Y.
 Haydenville Co., Haydenville, Mass.
 Homer Brass Works, 231 Race, Phila., Pa.
 Kraft A. C., 323 W Lake, Chicago, Ill.
 Landers, Frary & Clark, New Britain, Conn.

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book

Marsh Mfg. Co., 56 Pine, New York
 National Brass Mfg. Co., Rochester, N. Y.
 Taylor & Boggis Foundry Co., Cleveland, Ohio

4583—Faucets (Self-Closing)

Barnstead Still & Sterilizer Co. (Automatic), Forest Hills, Boston, Mass.
See adv index at end of book
 Bashlin Co., Warren, Pa.

Chicago Faucet Co. ("Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
 Lyon John W., 46 Clifford, Providence, R. I.
 Puro Sanitary Drinking Fountain Co. ("Puro"), Haydenville, Mass.
 Watrous Co. ("Watrous"), 14 E Jackson blvd, Chicago, Ill.

4584—Faucets (Self-Measuring)

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
 Lane Bros. Co., Poughkeepsie, N. Y.

Faucets (Stoneware)

See Stoneware, Chemical

4585—Faucets (Tank Wagon)

Jarecki Mfg. Co. (Brass), Erie, Pa.
 Kraft A. C., 323 W Lake, Chicago, Ill.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 National Brass Mfg. Co., Rochester, N. Y.

4586—Faucets (Tea & Coffee Urn)

Haydenville Co., Haydenville, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Messmer Fred Mfg. Co., 2700 S 7th, St. Louis, Mo.
 National Brass Mfg. Co., Rochester, N. Y.
 Peck Bros. & Co., New Haven, Conn.

4587—Faucets (Wood)

Allen Chas. I., Terryville, Conn.
 Automatic Faucet & Spigot Co. ("Automatic" & "Saginaw," Cork Lined), Saginaw, Mich.
 Chapman-Sargent Co. (Cork Lined), Perysburg, O.
 Crandall Bros. ("Palmer's" Leather Lined Tin Key, Also Plain Wooden Key), N. Kingsville, O.

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Hydraulic Press Mfg. Co. (Cork-Lined), Mt. Gilead, O.

Redlich Mfg. Co. (Wood, Cork Lined, Cedar, Lock-Key, Metal Plug, etc), 637 W Oak, Chicago, Ill.

Richard & Bechtold (Cork Lined), Bel-laire, Mich.

Schmidt Faucet Co., Rochester, N. Y.
 Sommer John Faucet Co. ("Star," Over 100 Different Kinds, Plain, Corked & Leather Lined, etc.), 30 Morris, Newark, N. J.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
 Windham Handle Co., South Windham, Conn.

4588—Faucets & Bungs (For Steel Barrels, Etc.)

Peerless Machine Works, Freeport, Ill.

4589—Fault Finders (Electric)

ELECTRIC CONTROLLER & MFG. CO., Cleveland, O.

See adv index at end of book

Lundin Electric & Machine Co. ("Lundin"), 10 Thatcher, Boston, Mass.

Matthews W. N. & Bro. ("Telaufault" for Lead Covered Cables), 3722 Forest Park blvd, St. Louis, Mo.

Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York; Works: Bethlehem, Pa.

4590—Feed (Corn)

Acme Milling Co., Corry, Pa.
 Baringer M. F., Bourse, Phila., Pa.
 Bay State Milling Co., Winona, Minn.
 Boutwell Milling & Grain Co., Troy, N. Y.
 Campbell L. G. Milling Co., Owatonna, Minn.

Chesbro Milling Co., Salamanca, N. Y.
 Coombs Wm. A. Milling Co., Coldwater, Mich.

Eagle Roller Mill Co., New Ulm, Minn.
 King Milling Co., Lowell, Mich.

Krause C. A. Milling Co., 37th & Burnham, Milwaukee, Wis.

Lea Milling Co., Wilmington, Del.
 Messenger H. B., Federalsburg, Md.

Putnam E. M., Columbus, Pa.
 Staley A. E. Mfg. Co. (Gluben), Decatur, Ill.

Tioga Mill & Elevator Co., Waverly, N. Y.
 White Cloud Mill & Elevator Co., White Cloud, Kans.

4591—Feed (Dairy)

Baringer M. F., Bourse, Phila., Pa.
 Chapin Co., Hammond, Ind.
 Chesbro Milling Co., Salamanca, N. Y.
 Chicago Heights Oil Mfg. Co., Chicago Heights, Ill.

Gould Grain Co., 600 Flour Exch., Minneapolis, Minn.

International Sugar Feed Co., 15th av, S E. and Rollins Minneapolis, Minn.

Krause C. A. Milling Co., 37th & Burnham, Milwaukee, Wis.

Larrowe Milling Co., 1199 Woodward av, Detroit, Mich.

Quaker Oats Co., 80 E Jackson, Chicago, Ill.

Tioga Mill & Elevator Co., Waverly, N. Y.

4592—*Feed Grinders

See also Grinders, Feed

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (International), 702 Harvester bldg, Chicago, Ill. *See adv index at end of book*

4593—Feed (Horse & Mule)

Chesbro Milling Co., Salamanca, N. Y.
 Chicago Heights Oil Mfg. Co., Chicago Heights, Ill.

Eureka Mills Co., 711 S Theresa av, St. Louis, Mo.

Gould Grain Co., 600 Flour Exch., Minneapolis, Minn.

International Sugar Feed Co., 15th av, S E. & Rollins, Minneapolis, Minn.

Krause Chas. A. Milling Co., 37th & Burnham, Milwaukee, Wis.

Ottaway Alfalfa Milling Co., Wichita, Kan.

Quaker Oats Co., 80 E Jackson, Chicago, Ill.

Tioga Mill & Elevator Co., Waverly, N. Y.

4594—Feed (Mill)

See also Flour Mills; also Meal

Ansted & Burk Co., Springfield, O.
 Baldwin Dwight M., Jr., 2219 Phillisburg av, Minneapolis, Minn.

Baringer M. F., Bourse, Phila., Pa.
 Bay State Milling Co., Winona, Minn.

Big Diamond Mills Co., 922 Flour Exch., Minneapolis, Minn.

Blaisdell Milling Co., 204 Met. Life, Minneapolis, Minn.

Campbell L. G. Milling Co., Owatonna, Minn.

Cataract City Milling Co., Niagara Falls, N. Y.

Cayuga Milling Co., Cayuga, Ind.

Centennial Mill Co., Avoca, Iowa

Coombs Wm. A. Milling Co., Coldwater, Mich.

Eagle Roller Mill Co., New Ulm, Minn.

Fergus Flour Mills Co., Fergus Falls, Minn.

Goldendale Milling Co., Goldendale, Wash.

Grimes Bros., Lexington, N. C.

Harter Milling Co., Toledo, Ohio

Harvey Milling Co., Harvey, N. D.

Heisel C. (Est. of), Plattsmouth, Neb.

Henderson Roller Mills Co., Monroe, N. C.

Kelley Milling Co., Kansas City, Mo.

La Grange Mills, Red Wing, Minn.

Lawrenceburg Roller Mills Co., Lawrenceburg, Ind.

Lexington Mill & Elevator Co., Lexington, Neb.

Lexington Roller Mills Co., Lexington, Ky.

Liken John C. & Co., Sebawaing, Mich.

National Milling Co., Toledo, Ohio

New Prague Flouring Mill Co., New Prague, Minn.

Okeene Milling Co., Okeene, Okla.

Pillsbury Flour Mills Co., 3d fl, Met. Life bldg, Minneapolis, Minn.

Rea & Read Mill & Elevator Co., Tulsa, Okla.

Red Wing Milling Co., Red Wing, Minn.

Rhinehart Grain Co., Uniopolis, O.

Scott County Milling Co., Sikeston, Mo.

Sheffield-King Milling Co., 3d floor Chamber Commerce, Minneapolis, Minn.

Sparks Milling Co., Alton, Ill.

Star Milling Co., Aurora, Ind.

Star & Crescent Milling Co., 160 W Jackson blvd, Chicago, Ill.

Tennant & Hoyt Co., Lake City, Minn.

Terrell Milling Co., Terrell, N. C.

Tioga Mill & Elevator Co., Waverly, N. Y.

Tomkinson, Kenyon & Tomkinson Co., Honeoye Falls, N. Y.

Voigt Milling Co., Grand Rapids, Mich.

Washburn-Crosby Co., Chamber Commerce, Minneapolis, Minn.
Wellington Milling Co., Anderson, Ind.
Wheatland Roller Mills Co., Wheatland, Wyo.
White Clouds Mill & Elevator Co., White Clouds, Kans.
Willmar Milling Co., Willmar, Minn.

4595— Feed (Mixed)

Akin-Erskine Milling Co., Evansville, Ind.
Marco Mills (Mixed Cereals), Pine Bluff, Ark.
Oswego Milling Co., Oswego, Kansas
Peters & Bradley Mill Co., Knoxville, Tenn.
Waggoner-Gates Milling Co., Independence, Mo.

4596— Feed (Poultry)

Chesbro Milling Co., Salamanca, N. Y.
H-O Co., Buffalo, N. Y.
Howard C. T., Mulino, Oregon
Ottaway Alfalfa Milling Co., Wichita, Kan.
Quaker Oats Co., 80 E Jackson, Chicago, Ill.
Tioga Mill & Elevator Co., Waverly, N. Y.

4597—Feeders (Aluminum Railway)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
Seligman Arthur (Imp.), 165 Broadway, New York

4598— *Feeders (Bagasse)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4599— Feeders (Boiler)

American Injector Co. ("U. S." Automatic Injector), Detroit, Mich.
Bryant Heater & Mfg. Co. (Automatic for Low Pressure Heating Boilers), 952 E 72nd, Cleveland, O.
Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
Foskett & Bishop Co., New Haven, Conn.
Gillis & Geoghegan, 537 W Broadway, New York
Kelley & Jones Co., 135 Water, Pittsburgh, Pa.
Keyes F. E. ("Advance"), 20 Broad, New York
Kieley & Mueller ("Duplex"), 34 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Lawlor Regulator Co. ("Lawler's" Automatic for Low Pressure), 55 W Houston, New York
LUNKENHEIMER CO. ("Standard"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO. (Water), 227 Campbell av, Detroit, Mich.
See adv index at end of book
NASON MFG. CO. (Immersed Valve), 71 Fulton, New York
See adv index at end of book
Randle Machinery Co. ("Leader"), C. H. & D. Ry & Powers Cum'ville, Cincinnati, Ohio
Rutzler Enoch Co. (Low Pressure, Automatic), 404 E 49th, New York
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
Simmons John Co., 110 Centre, New York
Warren Steam Pump Co., Warren, Mass.
Watson N. A. ("Excelsior"), Erie, Pa.
Wright Geo. W., Lapel, Ind.

4600— Feeders (Boiler Oil)

Lake Erie Mfg. Co. ("Perfection" Boiler Compound), Buffalo, N. Y.
LUNKENHEIMER CO. ("Standard"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
McRAE & ROBERTS CO. ("Neverfall"), 227 Campbell av, Detroit, Mich.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Taber Pump Co. (Automatic Boiler Compound), Buffalo, N. Y.

Talmage Mfg. Co., Cleveland, O.
Watt's John M. Sons ("Wickersham American"), 54 N 2d, Phila., Pa.

4601— Feeders (Bottle)

Bishop-Babcock-Becker Co. ("Eureka" Automatic), Cleveland, O.

4602— Feeders (Clay)

American Clay Machinery Co. (Agitating), S Walnut, Bucyrus, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Marion Machine, Foundry & Supply Co. (Rust), Marion, Ind.

Feeders (Coal Dust)

See Burners, Coal Dust

4602a—Feeders (Coal & Stone, Lime, Cement, etc)

Atlas Engineering Co., Amherst, O
See adv index at end of book
Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book

4603— Feeders (Cotton Gin)

Brown Cotton Gin Co., New London, Conn.
Carver Cotton Gin Co., E. Bridgewater, Mass.
Continental Gin Co., Birmingham, Ala.
Murray Co., Dallas, Texas

Feeders (Fuel)

See Feeders, Furnace

4604—*Feeders (Fuel Furnace, Saw-mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

4605— Feeders (Furnace)

Allington & Curtis Mfg. Co., Saginaw, Mich.
Banister A. W. Co. (Automatic), 421 Dorchester av, S. Boston, Mass.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
Carlisle & Gale Co., 81 Wareham, Boston, Mass.
Cyclone Blow Pipe Co. (Automatic), 2552 W 21st, Chicago, Ill.
Day Co., 38 S 12th, Minneapolis, Minn.
Dixie Mfg. Co. (Automatic), Stockholm & Russell, Baltimore, Md.
Empire Blower & Pipe Co. (Automatic), Rochester, N. Y.
Garland M. Co., Bay City, Mich.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Ohio Blower Co., 5125 Perkins av, Cleveland, O.
Phoenix Mfg. Co. (Automatic, Sawdust), Eau Claire, Wis.
Porbeck Dust Arrester & Blow Pipe Co., 2017 N Broadway, St. Louis, Mo.
Sterling Blower Co. (Automatic), Hartford, Conn.
Venderbush & Looman Co. (Automatic), Detroit, Mich.
Western Blow Pipe & Sheet Metal Co. (Automatic), St. Louis, Mo.

4606— Feeders (Hog)

Columbian Steel Tank Co., Kansas City, Mo.
Franklin Galvanized Ware Mfg. Co. ("Thornburgs" Sanitary), Franklin, Ind.
Kretschmer Mfg. Co. (Galvanized), Council Bluffs, Ia.
Perfection Metal Products Co., Topeka, Kan.

4607— Feeders (Ore)

Abbe Engineering Co., 220 B'way, New York
See adv index at end of book
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book
Atlas Engineering Co., Amherst, O.
See adv index at end of book

Davis F. M. Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
Frenier & Son, Rutland, Vt.
Hammond Mfg. Co., Kamm bldg, Portland, Oregon
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
James Ore Concentrator Co. (Automatic), 35 Runyon, Newark, N. J.
KENNEDY-VAN SAUN MFG. & ENG. CORP. ("Improved," "Challenge," Roll Shaking & Disc), 120 Broadway, New York.
See adv index at end of book
Krom Machine Works, 170 B'way, New York
McFarlane Mfg. Co., 3309 Blake, Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
Worthington Pump & Machy. Corp. ("Challenge"), 115 B'way, New York

4608—Feeders (Sugar Cane Carrier)

Boland Machine & Mfg. Co. ("Mallon"), 1006 Tchoupitoulas, New Orleans, La.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
Nadler Henry ("Walsh"), Plaquemine, La.

4609-10—*Feeders (Tube Mill)

ABBE ENGINEERING CO. ("Ideal" Spiral Feeder), 220 B'way, New York
See adv index at end of book

4611— Feeds (Roll & Dial)

Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.

4612—*Feeds (Steam Car Saw Mill)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
See adv index at end of book

4613— Feldspar Miners

Amiesite & Stone Co., 15 E Fayette, Baltimore, Md.
Carolina Mineral Co., Penland, N. C.
CLINCHFIELD PRODUCTS CORPORATION, 120 B'way, New York
See adv index at end of book
Dunkel S P. & Son, Ostend & Leadenhall, Baltimore, Md.
Eureka Flint & Spar Co., Trenton, N. J.
Golding Sons Company, Wilmington, Del.
Guilford & Waltersville Granite Co. (Rough & Ground), Law bldg, Baltimore, Md.
Howe Louis W., S. Glastonbury, Conn.
Kinkel's P. H. Sons, Bedford, N. Y.
New England Quartz Co. of N. Y., 107 William, New York
Penna. Feldspar Co., Harrison bldg, Phila., Pa.
Product Sales Co., 32 S Calvert, Claremont, Baltimore, Md.
Robbins A. A. Mining Co., 99 John New York
THROPPS JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

Felloes (Carriage & Wagon)

See Rims & Felloes, Carriage & Wagon

4614-5— Felt Mills

See also Felts, Hair
Albany Felt Co., Albany, N. Y.
American Felt Co., 100 Summer, Boston, Mass.
Bacon Felt Co. (Wool), Winchester, Mass.
Carey Philip Mfg. Co. (Asbestos & Wool Felts), 330 Wayne av, Lockland, Cincinnati, O.
Eastern Felt Co. (Sheets, Wheels, etc), Winchester, Mass.
Felters Co., 632 Broadway, New York
Field & White Co. (Paper), 116 Nassau, New York
Foot Mfg. Co., 36 Germania av, Jersey City, N. J.

Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
 Garrett C. S. & Son Co., 22 S Marshall, Philadelphia, Pa.
 General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
 House Chas. W. & Sons, Unionville, Conn.
 National Felt Co., Easthampton, Mass.
 Paige Frank E. & Co., 68 Essex, Boston, Mass.
 Philadelphia Felt Co., La & Frankford cr, Phila., Pa.
 Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
 Seabright Woven Felt Co. (Woven & Mechanical), Camden, Me.
 Slater Robert, Pompton Lakes, N. J.
 Standard Felt Co., Alhambra, Cal.
 Stroock Felt Mills, Newburgh, N. Y.
 Tingue, Brown & Co., 118 E 25th, New York
 Waterbury Felt Co., Skaneateles Falls, N. Y.
 Waupaca Felting Mill, Waupaca, Wis.

4616— Felts (Asphalt)

Asphalt Ready Roofing Co. ("Hudson Brand"), 9 Church, New York
 General Roofing Mfg. Co. (Saturated), 17th & Southern Ry, E St. Louis, Ill.
 Watson H. F. Co. (30, 40 & 50 lbs), Erie, Pa.

4617— Felts (Cotton)

Acme Woolen Mill Co., 1294 W 70th, Cleveland, O.
 Burton J. Co., 2024 S Racine av, Chicago, Ill.
 Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.
 Hudson Fibre Co. (For Mattresses, etc), Hudson, N. Y.
 Lee W. M., Athol, Mass.
 Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.
 Royal & Borden, Goldsboro, N. C.
 Smith O. & Sons Co., 310 Spruce, Phila., Pa.
 Stearns & Foster Co., Lockland, O.
 Stroock Felt Mills, Newburgh, N. Y.
 Vincent F. J., Little Falls, N. Y.

4618— Felts (Deadening)

Barrett Co., 17 Battery pl, New York
 Bird & Son ("Neponset," "Floridan"), East Walpole, Mass.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Chatfield Mfg. Co., 74 Lebanon, Carthage, Cincinnati, O.
 Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.
 Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
 Garrett C. S. & Son Co. ("C. S. G."), 20 S Marshall, Phila., Pa.
 General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.
 Hydrex Felt & Engineering Co. ("Hydrex-Saniflor"), 120 Liberty, New York
 Johns H. W.-Manville Co. (Also Laundry), Madison av & 41st, New York
 Kingston's Wm. Son, Little Falls, N. Y.
 Los Angeles Paper Mfg. Co., Los Angeles, Cal.
 Mac-Sim-Bar Paper Co. (Building), Otsego, Mich.
 Munroe Falls Paper Co., Massillon, O.
 Newton Paper Co., Holyoke, Mass.
 Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
 Stroock Felt Mills, Newburgh, N. Y.
 Union Fibre Co. ("Lith," "Linofelt" & Quilted Flax Fibre & Mineral Wool Sound Deadner), Winona, Minn.
 United Roofing & Mfg. Co. ("Century"), Morris bldg, Phila., Pa.
 Watson H. F. Co. ("Superior" Brand of Wool), Erie, Pa.

4619—Felts For Electrical Purposes

See also Felt Mills; also Felt, Hair

American Felt Co., 100 Summer, Boston, Mass.
 Bacon Felt Co. ("Bacon"), Winchester, Mass.
 Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Felters Co., 632 B'way, New York

General Roofing Mfg. Co., 17th & Southern Ry, E St. Louis, Ill.
 Johns H. W.-Manville Co., Madison av & 41st, New York
 Paige Frank E. & Co., 68 Essex, Boston, Mass.
 Stroock Felt Mills, Newburgh, N. Y.
 Watson H. F. Co., Erie, Pa.
 Wild Jos. & Co., 366 5th av, New York

4620— Felts (Hair)

American Hair Felt Co., 41st & Madison av, New York
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Illinois Leather Co., 930 N Halsted, Chicago, Ill.
 Johns H. W.-Manville Co. (For Refrigeration & Hot & Cold Water Pipes), Madison av & 41st, New York
 Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.
 Trainer C. W. Mfg. Co., 55 High, Boston, Mass.
 Watson H. F. Co., Erie, Pa.

4621— Felts (Hat)

American Felt Co., 100 Summer, Boston, Mass.
 Stroock Felt Mills, Newburgh, N. Y.
 Tingue, Brown & Co., 118 E 25th, New York

Felts (Insulating)

See Felts for Electrical Purposes

4622— Felts (Journal Box)

Bacon Felt Co. ("Bacon"), Winchester, Mass.
 Eastern Felt Co., Winchester, Mass.
 Stroock Felt Mills, Newburgh, N. Y.

4623— Felts (Jute)

Vincent Frank J., Little Falls, N. Y.

4624— Felts (Mechanical)

Bacon Felt Co. ("Bacon," Buffing, Packing, Filtering, etc.), Winchester, Mass.
 Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.
 Paige Frank E. & Co., 68 Essex, Boston, Mass.

Felts (Papermakers')

See Felts & Jackets, Paper Makers'

4625— Felts (Pennant)

American Felt Co., 100 Summer, Boston, Mass.
 Stroock Felt Mills, Newburgh, N. Y.

4626— Felts (Piano & Organ)

Crane Felt Mfg. Co., Belvidere, N. J.
 Felters Co., 632 B'way, New York
 Paige Frank E. & Co., 68 Essex, Boston, Mass.
 Standard Felt Co., Alhambra, Cal.
 Stroock Felt Mills, Newburgh, N. Y.

4627— Felts (Polishing)

American Felt Co., 100 Summer, Boston, Mass.
 Bacon Felt Co. ("Bacon"), Winchester, Mass.
 Crane Felt Mfg. Co., Belvidere, N. J.
 Eastern Felt Co. (Sheets), Winchester, Mass.
 Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
 House Chas. W. Sons, Unionville, Conn.
 Hubley Gordon A., Worcester, Mass.
 Paige Frank E. & Co., 68 Essex, Boston, Mass.
 Stroock Felt Mills, Newburgh, N. Y.
 Tingue, Brown & Co., 118 E 25th, New York

4628— Felts (Roofing)

See also Papers, Roofing & Sheathing

All Roofing Mfg. Co., East St. Louis, Ill.
 Barber Asphalt Paving Co. ("Genasco" Asphalt Saturated), Land Title bldg, Phila., Pa.
 Barrett Co. (Also Tarred & Saturated Wool, Felts, etc.), 17 Battery pl, New York
 Burke Augustus Roofing Co., 2621 N Halsted, Chicago, Ill.

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.
 Chatfield Mfg. Co., 74 Lebanon, Carthage, Cincinnati
 Chatfield & Woods Co., 3d & Plum, Cincinnati, O.
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.
 Field & White Co. (Paper), 116 Nassau, New York

Flintkote Mfg. Co. ("Rex Flintkote," "Zarex," "Rex Red," "Paraduax," "Mikado," "Rex Slate Surfaced," "Rex Strip," "Shingle," "Rex Wide Space" Shingle), 88 Pearl, Boston, Mass.
 Ford Mfg. Co. ("Pyramid," Tarred), 2339 La Salle, Chicago, Ill.

Garrett C. S. & Son Co., 22 S Marshall, Phila., Pa.
 General Roofing Mfg. Co., Boatman's Bk bldg, St. Louis, Mo.
 HEWITT C. B. & BROS., 49 Beekman, New York See adv index at end of book
 Hydrex Felt & Engineering Co., 120 Liberty, New York
 Johns H. W.-Manville Co., Madison av & 41st, New York

Kingston's Wm. Son (Dry Felt), Little Falls, N. Y.
 Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.

Munroe Falls Paper Co., Massillon, O.
 National Roofing Co., Tonawanda, N. Y.
 Nelson B. F. Mfg. Co., Minneapolis, Minn.
 New England Felt Roofing Works, 101 Milk, Boston, Mass.

North Chicago Roofing Co., 351 W North av, Chicago, Ill.
 Patent Vulcanite Roofing Co., 2256 W 49th, Chicago, Ill.

Powell M. W. Co., 140 S Dearborn, Chicago, Ill.

Powell & Jones, 3544 Rhodes av, Chicago, Ill.

Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

Texas Co. ("Texaco"), 17 Battery pl, New York

Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.

Waters Mfg. Co., Fulton bldg, Pittsburgh, Pa.

Watson H. F. Co., Erie, Pa.

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Watson H. F. Co., Erie, Pa.

Watson H. F. Co., Erie, Pa.

4633— Felts (Wool)

Albany Felt Co., Albany, N. Y.
 American Felt Co., 100 Summer, Boston, Mass.
 Appleton Woolen Mills, Appleton, Wis.
 Bacon Felt Co. ("Bacon"), Winchester, Mass.
 Byfield Woolen Co., Byfield, Mass.
 Crane Felt Mfg. Co., Belvidere, N. J.
 Draper Bros. Co., Canton, Mass.
 Eastern Felt Co., Winchester, Mass.
 Federal Felting Co., Clark's Falls, Conn.
 Felters Co., 111 Summer, Boston, Mass.
 Foot Mfg. Co., 36 Germania av, Jersey City, N. J.
 Heathcote S. E. & Co., Glen Rock, Pa.
 Huyck F. C. & Sons, Rensselaer, N. Y.
 Johns H. W.-Manville Co. ("J.-M."), Madison av & 41st, New York
 Knox Woolen Co., Camden, Me.
 Lawrence Felting Co., Millville, Mass.
 Little Falls Fibre Co., Little Falls, N. Y.
 Lounsbury & Bissell Co., Winnipauk, Conn.
 Lowell Felt Co., Lowell, Mass.
 National Felt Co., Easthampton, Mass.
 Noone's J. Sons Co., Peterboro, N. H.
 Orr Felt & Blanket Co., Piqua, O.
 Phila Felt Co., La & Frankford cr, Phila., Pa.
 Seabright Woven Felt Co. (Woven), Camden, Me.
 Sindle H. S., Little Falls, N. J.
 Standard Felt Co., Alhambra, Cal.
 Stroock Felt Mills, Newburgh N. Y.
 Waterbury H. & Sons Co., Oriskany, N. Y.
 Waupaca Felting Mill, Waupaca, Wis.
 Western Felt Works, 4115 Ogden av, Chicago, Ill.
 Wolstencroft Felt Mfg. Co., Mulberry & Bridge, Phila., Pa.

4634—Felts & Jackets (Paper-makers')

Albany Felt Co., Albany, N. Y.
 Appleton Woolen Mills, Appleton, Wis.
 Brett F. & Co. ("Jos. Porritt & Sons"), 240 Water, New York
 Bulkley, Dunton & Co. ("Excelsior"), 75 Duane, New York
 Caldwell R. J. Co., 21 Park Row, New York
 Draper Bros. Co. (Press & Pulp Felts), Canton, Mass.
 Fitchburg Duck Mills (Paper Mill Dryer Felts), Fitchburg, Mass.
 General Supply Co. (Felts), Worcester, Mass.
 Hooper Wm. E. & Sons Co., Maryland Bldg, Baltimore, Md.
 Huyck F. C. & Sons, Albany, N. Y.
 Knox Woolen Co., Camden, Me.
 Lawrence Duck Co., Lawrence, Mass.
 Mt. Vernon-Woodberry Mills, Continental bldg, Baltimore, Md.
 Orr Felt & Blanket Co., Piqua, O.
 Phila. Felt Co., La & Frankford cr, Phila., Pa.
 Shuler & Benninghofen, Hamilton, O.
 Waterbury Felt Co., Skaneateles Falls, N. Y.
 Waterbury H. & Sons Co., Oriskany, N. Y.

4635—Fences (Combination Wire & Picket)

Bushnell Tank Works, Bushnell, Ill.

4636— Fences (Farm)

See Fences & Railroad Farm

4636a—*Fences (Hog & Cattle)

AMERICAN STEEL & WIRE CO. ("Universal"), 208 S La Salle, Chicago, Ill.
See adv index at end of book

4637—Fences (Iron & Steel Picket)

Albree Chester B. Iron Works Co., Allegheny, Pa.
 Anchor Post Iron Works, 19 Cortlandt, New York
 Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
 Bayer-Rothgeb Co. (Iron), Los Angeles, Cal.
 Belmont Iron Works, 22d Washington av, Phila., Pa.
 Braun J. G., 609 S Paulina, Chicago, Ill.
 Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book

Camden Iron Works, Salem, Va.
 Carbo Corp., 538 S Clark, Chicago, Ill.
 Champion Iron Co., Kenton, O.
 Cincinnati Iron Fence Co., Cincinnati, O.
 Dayton Steel Construction Co., Howell & Wilbur, Dayton, O.
 Davis & Siehl Co. (Steel), 4032 Hamilton av, Cincinnati, O.
 Enterprise Iron Works, Indianapolis, Ind.
 Huntington Iron Works, Huntington, W. Va.

Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

MYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book

Page Woven Wire Fence Co., Adrian, Mich.

Perkins Mfg. Co. (Swinging), University & Fairview avs, St. Paul, Minn.

See adv index at end of book

Pettler Wire Products Co., ("Hartman" Wrought Steel), Beaver Falls, Pa.

Plocher Andrew Sons Co., Dayton, O.

Sheer Bros. Fence & Iron Co., 715 E 103d, Cleveland, O.

SMITH F. P. WIRE & IRON WORKS ("Triangular"), Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Smith Fence & Iron Co. (Steel), Waynesboro, Pa.

Stewart Iron Works Co., Covington, Ky.

Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

Verdeckberg Iron & Wire Works Co., 1401 Market, Denver Col.

West Side Structural Co., Troy, N. Y.

Wisconsin Iron & Wire Wks., Milwaukee, Wis.

Fences (Ornamental Iron)

See Gates, Ornamental Iron

4638—Fences (Railroad & Farm)

See also Fences, Woven Wire; also Wire Fences & Gates, with the word Ornamental following name

Adrian Wire Fence Co., Adrian, Mich.

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.

See adv index at end of book

Carbo Corp., 538 S Clark, Chicago, Ill.

Chicago Steel Post Co., 208 S La Salle, Chicago, Ill.

Janesville Barb Wire Co., Janesville, Wis.

Keystone Steel & Wire Co. ("Square Deal"), Peoria, Ill.

Kitselman Bros. (Ornamental Lawn & Farm), Muncie, Ind.

Kokomo Steel & Wire Co., Kokomo, Ind.

Northwestern Barb Wire Co. ("Dillon"), Sterling, Ill.

Pittsburg Steel Co., 5th av & Grant, Pittsburgh, Pa.

Smith F. P. Wire & Iron Works ("Supreme") Poultry & Rabbit, "Perfect" Garden, Lawn & Poultry, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Spencer Wire Co., Worcester, Mass.

Up-to-Date Mfg. Co., Terre Haute, Ind.

WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.

See adv index at end of book

Youngstown Sheet & Tube Co., Youngstown, O.

4638a—*Fences (Truss & Cable)

WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.

See adv index at end of book

4639—Fences (Wood Picket, Wire Bound)

Cleveland Wire Goods Co., Cleveland, O.

Whitehurst R. W. Mfg. Corp., Norfolk, Va.

4640— Fences (Woven Wire)

See also Wire Fences & Gates; also Fences, Railroad & Farm

Adrian Wire Fence Co. ("Adrian"), Adrian, Mich.

AMERICAN STEEL & WIRE CO. ("American," "Anthony," "Elwood" & "Royal" Fences), 208 S La Salle, Chicago, Ill.

See adv index at end of book

American Wire Fence Co. ("Model"), 10 S La Salle, Chicago, Ill.

Anchor Post Iron Works, 19 Cortlandt, New York

Arkansas Valley Fence Co., Wichita, Kans.

Atlantic Steel Co., Atlanta, Ga.

Brazil Machine & Foundry Co., Brazil, Ind.

Champion Iron & Wire Works, Omaha, Neb.

Church Bros. ("Church"), Adrian, Mich.

Clinton Wire Cloth Co., Clinton, Mass.

Crawfordsville Wire & Nail Co., Crawfordsville, Ind.

Cyclone Woven Wire Fence Co. ("Cyclone" Spring Steel), Cleveland, O.

Dayton Steel Construction Co., Howell & Wilbur, Dayton, O.

Dwiggins Wire Fence Co. ("Victor"), Anderson, Ind.

Elliott & Reid Co. ("Royal," "Richmond," "Ideal"), Richmond, Ind.

Enterprise Iron Works ("New Ideal," "Premier"), Indianapolis, Ind.

Eureka Fence Mfg. Co. ("Eureka"), Richmond, Ind.

Frost Superior Fence Co., Cleveland, O.

Grand Crossing Tack Co. (Endless Coiled Spring Fence), S Chicago av & E 79th, Chicago, Ill.

Gulf States Steel Co., Birmingham, Ala.

Hohulin Bros. ("Diamond"), Goodfield, Ill.

Imbler Fence & Mfg. Co., Alexandria, Ind.

Indiana Steel & Wire Co., Muncie, Ind.

Interlocking Fence Co. ("Crown" Interlocking), Morton, Ill.

Interstate Iron & Steel Co., Grand Crossing, Chicago, Ill.

See adv index at end of book

Jackson Fence Co. ("Jackson"), Jackson, Mich.

Janesville Barb Wire Co., Janesville, Wis.

Keystone Steel & Wire Co. ("Square Deal," "Blue Ribbon," "Monarch," "Economy"), Peoria, Ill.

Kokomo Steel & Wire Co. ("Indiana," "Kokomo"), Kokomo, Ind.

Mason Fence Co. ("Champion"), Leesburg, Ohio

Mast, Foos & Co. ("Buckeye"), Springfield, O.

New Jersey Wire Cloth Co., Trenton, N. J.

Northwestern Barb Wire Co., Sterling, Ill.

Page Woven Wire Fence Co., Adrian, Mich.

Peerless Wire Fence Co. ("Peerless"), Adrian, Mich.

Pennsylvania Woven Wire Co., Lockhaven, Pa.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Smith John P. & Co., New Haven, Conn.

Spring Steel Fence & Wire Co. ("Shimer" "Perfect" Coil Spring), Anderson, Ind.

Stewart Iron Works Co., Covington, Ky.

Superior Fence Co. ("Superior"), Cleveland, O.

Tully C. H. Fence Co., Grand Island, Neb.

Up-to-Date Mfg. Co., Terre Haute, Ind.

Warner Fence Co. ("Warner"), Ottawa, Kan.

4641— *Fencing (Factory)

SNOW W. A. IRON WORKS, INC., 19 Portland, Boston, Mass.

WRIGHT WIRE CO. ("Excelsior Chain Link," "Excelsior Rust Proof"), Worcester, Mass.

See adv index at end of book

4642— Fenders (Boat)

Armstrong Cork Co. (Yacht, etc.), 24th & A. V. R.R., Pittsburgh, Pa.

Boston Corking Machine Co. (Cork), 18 Tremont, Boston, Mass.

Brauer Justus & Son (Cork), Jobbers, 129 Arch, Phila., Pa.

Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.

Kahnweiler's David Sons (Cork), 260 Front, New York

Obermayer Co. (Spanish Woven Cane), 11 B'way, New York

Pneumatic Mfg. Co. (Canvas, Cork Filled, Netted Rope, Leather, Bow, etc.), 290 Prospect Park, W. Brooklyn, N. Y.

4643—Fenders (Brass & Iron)

See also Andirons, Fenders & Grates

See also Fire Place Furnishings, Mfrs.

JACKSON EDWIN A. & BRO. (INC.), 50 Beekman, New York

See adv index at end of book

Jackson Wm. H. Co., 2 W 47th, New York

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

4644— Fenders (Plow)

Southern Plow Co. ("R. R. Jones"), Columbus, Ga.

4645—Fenders & Guards (Automobile)

Auto Fender & Radiator Wks., 466 Golden Gate av, San Francisco, Cal.
Auto Lamp & Radiator Co., 1614 Prospect, Cleveland, O.

A-Z Co., 527 W 56th, New York
Briscoe Mfg. Co., Detroit, Mich.
Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.

Corcoran Mfg. Co., Winton pl, Cincinnati, Ohio

Dann Bros. & Co., New Haven, Conn.
Hayes Mfg. Co., Detroit, Mich.

Kells W. J. Mfg. Co., 521 W 45th, New York

McKinnon Dash Co. (For Electrics Only), Buffalo, N. Y.

Michigan Stamping Co., Detroit, Mich.

Mott Wheel Works, Jackson, Mich.

Mullins W. H. Co., 341 Franklin, Salem, Ohio

Peters & Herron Dash Co., Gift & Culbertson, Columbus, O.

Quinby J. M. & Co., 27 Division, Newark, N. J.

SAGINAW SHEET METAL WORKS, Saginaw, Mich.

Springfield Body Co., Springfield, Mass.

Standard Sheet Metal Mfg. Co., Washington, Pa.

Western Radiator & Fender Mfg. Co., 1430 Bush, San Francisco, Cal.

York Corrugating Co., York, Pa.

4645a— *Ferries (Wire Rope)

ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J., Works: Trenton & Roebling, N. J.
See adv index at end of book

4646— Ferro-Alloys

American Alloys Co., American bldg, Baltimore, Md.

Crocker Bros. (Imported English), 42d & Madison av, New York

Doggett Stanley (Imp), 11 Cliff, New York

Electro-Metallurgical Co., 42d st bldg, New York

Foundry Manganese Co., Harrison bldg, Phila., Pa.

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American Manganese Mfg. Co., Bullitt bldg, Phila., Pa.

American Steel Co., Pittsburgh, Pa.

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Noble Electric Steel Co., 995 Market, San Francisco, Cal.

Primos Chemical Co., Primos, Pa.

Rogers Brown & Co. (Imported & Domestic), 77-78 Carew bldg, Cincinnati, O.

Samuel Frank, Harrison bldg, Phila., Pa.

Shawinigan Electro Products Co (Lexington Street bldg), Baltimore, Md.

Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York

Virginia Electrolytic Co. (Specialty Ferro-Silicon), 99 Cedar, New York; Furnaces: Holcomb, Va.

Woodison E. J. Co., Detroit, Mich.

4653— Ferro-Molybdenum

Electro-Metallurgical Co., 42d st & Madison av, New York

Foot Mineral Co., 107 N 19th, Phila., Pa.

Goldschmidt Thermit Co., 120 B'way, New York

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Mineral Products Mfg. Co., Equitable bldg, Wilmington, Del.

Primos Chemical Co., Primos, Pa.

YORK METAL & ALLOY CO. (Mo. Metal, Acids & Salts), York, Pa.

4653a— Ferro-Nickel

Daft A. C. (Mfrs Agent), Oliver bldg, Pittsburgh, Pa.

Electrical Alloy Co. (Wire & Ribbon), Morristown, N. J.

Primos Chemical Co., Primos, Pa.

4654— Ferro-Phosphorus

Gray J. J. Jr., Rockdale, Tenn.

Hickman, Williams & Co. (Ground), Louisville, Ky.

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4655—Ferro-Silicon (Electrolytic)

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Virginia Electrolytic Co., 99 Cedar, New York

4656— Ferro-Titanium

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Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

4657— Ferro-Tungsten

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 Harrow Spring Co. (Steel), Milwaukee, Wis.
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 Vanadium-Alloys Steel Co., Pittsburgh, Pa.
 Virginia Electrolytic Co., 99 Cedar, New York
YORK METAL & ALLOY CO. (Tungsten, Metal, Acids & Salts), York, Pa.

4658— Ferro-Uranium

Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

4659-60—Ferro-Vanadium

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 Earle E. P., 165 B'way, New York
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4661— Ferrules (Boiler Flue)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 Taunton-New Bedford Copper Co., Taunton, Mass.

4662— Ferrules (Brass)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 American Brass & Copper Co., 133 Lafayette, New York
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco"), Waterbury, Conn.
 American Ring Co., Waterbury, Conn.
 American Tube & Stamping Co., Bridgeport, Conn.
 Athol Pump Co. (For Plumbing), Athol, Mass.
 Blake Specialty Co., Rock Island, Ill.
 Bridgeport Brass Co., Bridgeport, Conn.
 Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
CAHILL M. F. ("Cahill") Seamless Chisel, Cutlery, File & Knife, 710 E 2d, Boston, Mass. *See adv index at end of book*
 Campbell J. B. Brass Works (End Reducing & Trap Screw), Erie, Pa.

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Franklin Brass Foundry (Plumbers), 100 Young, Long Island City, N. Y.
 Gaynor Mfg. Co., Bridgeport, Conn.
 Glauber Brass Mfg. Co., 49th & Superior N E, Cleveland, O.
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 Green C. E. & Son, 95 Passaic, Newark, N. J.
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 Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.
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 Matthews Mfg. Co. (to Special Order), 104 Gold, Worcester, Mass. *See adv index at end of book*
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 Schrader's A. Son (Plain or Nickel Plated), 783 Atlantic av, B'klyn, N. Y.
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4664— Ferrules (Cleanout)

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4665— Ferrules (Condenser)

AMERICAN BRASS CO. (Brass & Copper), Waterbury, Conn.
For branch offices see adv index at end of book
 Brandywine Fibre Products Co., East Wilmington, Del.
 Estes E. B. & Sons (Wood), 358 5th av, New York *See adv index at end of book*
 Standard Fibre Co., Miller st, Somerville, Mass.

4666—*Ferrules (Condenser, Hard Fibre)

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*
WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del. *See adv index at end of book*

4667— Ferrules (Copper)

AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
 Hungerford U. T. Brass & Copper Co. (Boiler Flue), 80 Lafayette, New York
 Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.
 Merchant & Evans Co. (Seamless), 2035 Washington av, Phila., Pa. *See adv index at end of book*
 Mutual Electric & Machine Co., 232 Fort, W Detroit, Mich.
 Prier Brass Mfg. Co., Kansas City, Mo.
 Rome Mfg. Co., Rome, N. Y.
 Ryerson Joseph T. & Son, 2553 W 16th, Chicago, Ill.
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See Fibre, Hard; also Ferrules, Condenser; Hard Fibre

4667b— *Ferrules (File)

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4667c— *Ferrules (Handle)

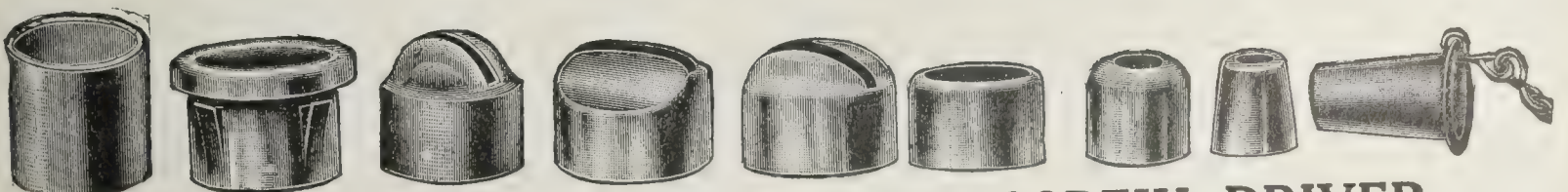
CAHILL M. F. ("Cahill"), 710 E 2d, Boston, Mass. *See adv index at end of book*
 Scovill Mfg. Co., Waterbury, Conn. *See adv index at end of book*

4668—Ferrules (Iron & Steel)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
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 Disston Henry & Sons Inc., Tacony, Phila., Pa.
 Grammes L. F. & Sons, Allentown, Pa.
 Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.
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 Matthews Mfg. Co. (Steel), 104 Gold, Worcester, Mass. *See adv index at end of book*
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 Stowell Co., The (Whiffletree), So. Milwaukee, Wis.
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 Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.
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 National Lead Co., 111 B'way, New York
 Raymond Lead Co. ("Raymond's" Combination), 735 S Washtenaw av, Chicago, Ill.
 Standard Mfg. Co., 439 Water, Pittsburgh, Pa.
 United Lead Co., 111 B'way, New York
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

4669a—*Ferrules (Screw Driver)

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 Consolidated Fruit Jar Co. (Sheet Metal), New Brunswick, N. J.
 Grammes L. F. & Sons, Allentown, Pa.
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 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
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 Prier Brass Mfg. Co., Kansas City, Mo.
 Rockford Brass Works, Rockford, Ill.
 Swett A. L. Iron Works, Medina, N. Y.
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4673-4—Fertilizer Mfrs.

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 ALICEVILLE—Aliceville Oil & Mfg. Co.
 ANDALUSIA—Andalusia Fertilizer Co.
 ANNISTON—Anniston Fertilizer Co.
 ARITON—Ariton Fertilizer Co.
 ASHLAND—Ashland Oil Mill & Fertilizer Co.
 BAY MINETTE—Peoples' Fertilizer Co.
 BIRMINGHAM—Birmingham Fertilizer Co.
 Butler-Kyser Oil & Fertilizer Co.
 Grasselli Chemical Co.
 Interstate Oil & Fertilizer Co.
 Jefferson Fertilizer Co.
 BOAZ—Boaz Fertilizer Co.
 BREWTON—Robbins & McGowin Co.
 BRUNDIDGE—Brundidge Fertilizer Co.
 CAMDEN—Camden Cotton Oil Co.
 CAMP HILL—Graves-Smith Co.
 CLANTON—Chilton Fertilizer Co.
 CLAYTON—Southern Fertilizer Co.
 CLIO—Arnold W. A.
 COLLINSVILLE—Killian D. & Son
 COLUMBIA—Columbia Fertilizer Co.
 CULLMAN—Cullman Fertilizer Co.
 Union Fertilizer Co.
 DADDEVILLE—Dadeville Cotton Oil Co.
 DECATUR—Decatur Fertilizer Co.
 Southern Cotton Oil Co.
 DOTHAN—Dothan Chemical Co.
 Dothan Guano Co.
 Grasselli Chemical Co.
 Home Guano Co.
 Houston Cotton & Fertilizer Co.
 Houston Guano Co.
 ELBA—Elba Fertilizer Works
 ENTERPRISE—Enterprise Fertilizer Wks
 Sessions H. M. Fertilizer Works
 EUFAULA—Edmonson R. Q. & Bro.
 Foy Ice & Fertilizer Co.
 Reeves-Shorter Co.
 EUTAW—Planters Warehouse & Commission Co.
 FAYETTE—Sipsey Valley Oil & Fertilizer Works
 FOLEY—Foley Fertilizer Co.
 GADSDEN—Gadsden Fertilizer & Gin Co.
 GENEVA—Geneva Fertilizer Works
 GOODWATER—Goodwater Fertilizer Co.
 GRASSELLI—Grasselli Chemical Co.
 GREENVILLE—Purity Fertilizer Co.
 HALEYVILLE—Haleyville Oil & Fertilizer Co.
 HARTFORD—Hartford Fertilizer Works
 HEADLAND—Headland Fertilizer Works
 Home Fertilizer & Cotton Oil Co.
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 JAMES—James Fertilizer Co.
 JASPER—Jasper Oil & Fertilizer Co.
 KELLYTON—Harris & Warner
 Peoples Supply Co.
 LAFAYETTE—Lafayette Cotton Oil Mills
 LINEVILLE—Clay County Oil Mill & Fertilizer Co.
 LOUISVILLE—Louisville Guano Co.
 LUVERNE—Luverne Oil Mills
 MARION—Union Storage Co.
 MIDLAND CITY—Peoples' Fertilizing Works
 MOBILE—American Grain & Fertilizer Co.
 McMillan & Harrison
 Virginia-Carolina Chemical Co.
 MONTGOMERY—Alabama Chemical Co
 American Agricultural Chemical Co.
 Capital Fertilizer Co.
 International Agricultural Corp.
 Morris Fertilizer Co.
 Mutual Warehouse Co.
 Rainbow Guano Co.
 Royster F. S. Guano Co.

Southern Cotton Oil Co.
 Union Seed & Fertilizer Co.
 Virginia-Carolina Chemical Co.
 NORTHPORT—Warrior Fertilizer Co.
 ONEONTA—Oneonta Oil & Fertilizer Co
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 SELMA—Grasselli Chemical Co.
 Jefferson Fertilizer Co.
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 SULLIGENT—Sulligent Cotton Oil Co.
 SYLACAUGA—Sylacauga Fertilizer Co.
 TALLADEGA—Planters' Chemical & Oil Co.
 Talladega Fertilizer & Mfrs. Co.
 TALLASSEE—Elmore Fertilizer Co.
 THOMASVILLE—Thomasville Mill & Storage Co.
 TROY—Farmers Co-operative Warehouse & Gin Co.
 Standard Chemical & Oil Co.
 Wiley Fertilizer Co.
 TUSCALOOSA—Tuscaloosa Cotton Seed Oil Co.
 TUSCUMBIA—Colbert County Oil & Fertilizer Co.
 UNION SPRINGS—Southern Cotton Oil Co
 Union Springs Guano Co.
 WAVERLY—Graves-Dawson Supply Co.
 WETUMPKA—Coosa River Fertilizer Co
 Wetumpka Fertilizer Co.

ALASKA.

KILLISNOO—Alaska Oil & Guano Co

ARKANSAS.

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 LITTLE ROCK—Arkansas Fertilizer Co.
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 MAGNOLIA—Columbia Cotton Oil Co.
 MONTICELLO—Drew Oil Mills
 NEWPORT—Southern Cotton Oil Co.
 TEXARKANA—Farmers Oil & Fertilizer Co.
 WARREN—Warren Cotton Oil & Mfg. Co.

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EMERYVILLE—California Fertilizer Wks
 LOS ANGELES—Agricultural Chemical Works, 901 Macy
 American Agricultural Chemical Wks, 4th & Spring
 Armour Fertilizer Works, Central bldg
 Chapman Fertilizer Co., Central bldg
 Germain Seed & Plant Co., 326 S Main
 Hauser Packing Co., 9th & Mateo
 Los Angeles Fertilizer Co., 2643 E Edwin
 Pacific Wood & Coal Co., 730 W Pico
 Standard Fertilizer Co., 321 N Los Angeles
 Union Fertilizer Co., Copp bldg
 REDLANDS—Redlands Fruit Association
 SACRAMENTO—Lewis Tom
 SAN DIEGO—Pacific Wood & Coal Co.
 SAN FRANCISCO—California Fertilizer Works, 1332 Evans av.
 Hawaiian Fertilizer Co., 244 California
 Mountain Copper Co., 150 Pine
 Pacific Bone, Coal & Fertilizer Co., 519 California
 Pacific Manure & Fertilizer Co., 429 Davis
 Pacific Guano & Fertilizer Co., 343 Sansome
 Union Superphosphate Co., 343 Sansome
 Western Reduction Works, 1501 Evans

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DENVER—Western Forestry & Landscape Co., 512 Empire

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CHIPLEY—Campbell A. D.
 GAINESVILLE—Florida Fertilizer Co.
 Standard Fertilizer Co.
 INGLIS—Barker Chemical Co.
 JACKSONVILLE—American Agricultural
 Chemical Co.
 Armour Fertilizer Works
 Florida Cotton Oil Co.
 Independent Fertilizer Co.
 Jacksonville Fertilizer Co.
 Osceola Fertilizer Co.
 Painter E. O. Fertilizer Co.
 Virginia-Carolina Chemical Co.
 Wilson & Toomer Fertilizer Co.
 MARIANNA—Gulf Chemical Co.
 Milton W. H.
 OCALA—Ocala Fertilizer Co.
 ORLANDO—Southern Fertilizer Co.
 PALATKA—Peninsular Fertilizer Co.
 TAMPA—Gulf Fertilizer Co.
 Tampa Fertilizer Co.
 West Coast Fertilizer Co.

GEORGIA.

ALBANY—Albany Phosphate Co.
 Albany Warehouse Co.
 Brown Guano Co.
 Muse A. W. & Co.
 Pioneer Guano Co.
 Virginia-Carolina Chemical Co.
 AMERICUS—Americus Home Mixture Gu-
 ano Co.
 Empire State Guano Co.
 International Agricultural Corp.
 Virginia-Carolina Chemical Co.
 APALACHIE—Apalachie Fertilizer Co.
 ARLINGTON—Arlington Mfg. Co.
 Arlington Oil & Guano Co.
 ASHBURN—Ashburn Oil Mill
 ATHENS—Clark County Oil & Fertilizer
 Co.
 Empire State Chemical Co.
 Georgia Phosphate Co.
 Oglethorpe Oil & Fertilizer Co.
 Southern Refining Co.
 ATLANTA—Armour Fertilizer Works
 Chickamauga Fertilizer Works
 Empire Cotton Oil Co.
 Furman Farm Improvement Co.
 International Agricultural Corp.
 Marietta Fertilizer Co.
 Morris Fertilizer Co.
 Old Dominion Guano Co.
 Porter Fertilizer Co.
 South Atlantic Guano Co.
 Southern Cotton Oil Co.
 Swift & Company
 Union Seed & Fertilizer Co.
 Virginia-Carolina Chemical Co.
 AUGUSTA—Armour Fertilizer Works
 Georgia Chemical Works
 International Agricultural Corp.
 North Augusta Warehouse & Fer-
 tilizer Co.
 South Atlantic Fertilizer Co.
 Southern Cotton Oil Co.

Southern States Phosphate & Fertil-
 izer Co.
 Virginia-Carolina Chemical Co.
 BACONTON—Jackson Supply Co.
 BAINBRIDGE—Farmers Guano Co.
 Gulf Guano Co.
 BALDWIN—Shore W. A. & Co.
 BALL GROUND—Ball Ground Oil & Fer-
 tilizer Co.
 BARTOW—Smith Bros. & Co.
 BERLIN—Berlin Supply Co.
 BLACKSHEAR—Blackshear Mfg. Co.
 BLAKELEY—Alaga Fertilizer Co.
 Blakeley Oil & Fertilizer Co.
 BOSTON—Boston Oil Mill Co.
 BOSTWICK—Monroe Oil & Fertilizer Co.
 BOWDON—Bowdon Oil Mills
 BOWERSVILLE—Farmers Union Ware-
 house Co.
 BOWMAN—Bowen & Ray
 Ginn I. L. & Co.
 Teasley & Son
 BRASELTON—Co-operative Fertilizer Co.
 BREMEN—Mandeville Mills
 BROXTON—Broxton Fertilizer Co.
 BRUNSWICK—Brunswick Fertilizer Co.
 BUCKHEAD—Buckhead Ginning & Fer-
 tilizer Co.
 BUENA VISTA—Planters Fertilizer Live-
 stock Co.
 BUFORD—Busha S. J.
 BULLOCKVILLE—Bullockville Home
 Mixture Guano Co.
 BYROMVILLE—Farmers' Fertilizer Wks.
 CADWELL—Cadwell Fertilizer Works
 CAIRO—Georgia Fertilizer & Mfg. Co.
 Cairo Guano Co.
 CAMILLA—Consolidated Mfg. Co.
 Farmers Fertilizer & Phosphate Co.
 CANON—Agnew O. L.
 Canon Oil & Fertilizer Co.
 CANTON—Canton Fertilizer Co.
 CARLTON—Stevens-Martin Co.
 Tiller-Glenn Co.
 CARROLLTON—Mandeville Mills
 CARTERSVILLE—Cumberland Fertilizer
 Mfrs.
 Southern Cotton Oil Co.
 CEDARTOWN—Southern Cotton Oil Co.
 CHATSWORTH—Chatsworth Guano Co.
 CHAUNCEY—Chauncey Warehouse &
 Mfg. Co.
 CHIPLEY—Chipley Home Mixture Guano
 Co.
 COLEMAN—Coleman Guano Co.
 COLUMBUS—Blanchard, Humber & Co.
 Bradley W. C. Co.
 Davis Warehouse Co.
 Fletcher Guano Co.
 Georgia Fertilizer Co.
 Home Mixture Guano Co.
 Royster F. S. Guano Co.
 Southern Cotton Oil Co.
 Virginia-Carolina Chemical Co.
 COMER—Comer Mercantile Co.
 Rowe W. A. & Co.
 COMMERCE—Commerce Fertilizer Co.
 Deadwyler-Williford Co.
 CONCORD—Strickland R. F. Co.
 CONYERS—Farmers' Union Warehouse,
 Storage & Mfg. Co.
 Wood Brothers
 CORDELE—Read Phosphate Co.
 COVINGTON—Fowler Bros. Co.
 CRAWFORD—Oglethorpe Oil & Fertilizer
 Co.
 CRAWFORDSVILLE—Crawfordsville Gin-
 ning & Fertilizer Co.
 CULLODEN—Culloden Ginning & Fertil-
 izer Co.
 CUMMING—Cumming Oil & Fertilizer Co.
 CUTHBERT—Cuthbert Fertilizer Co.
 Cuthbert Home Mixture Guano Co.
 McDonald & Weaver
 DALLAS—Dallas Oil & Fertilizer Co.
 DAVISBORO—Davisboro Fertilizer Co.
 DAWSON—Dawson Home Mixture Guano
 Co.
 Lowrey Brothers
 Southern Cotton Oil Co.
 DEVEREAUX—Moate J. M.
 DEWEY ROSE—Farmers E. & C. Union
 Warehouse Co.
 Hewell T. J. Jr.
 DOERUN—Doerun Oil Mill Co.
 Gregg Fertilizer Co.
 DONALDSONVILLE—Donaldsonville Oil
 Mill
 DOUGLAS—Douglas Oil & Fertilizer Co.
 DOUGLASVILLE—Smith V. R.
 Upshaw Brothers
 DUBLIN—Consolidated Phosphate Co.
 Dixie Fertilizer Co.
 Empire Cotton Oil Co.
 Methvin & Maund
 Middle Georgia Fertilizer Co.

Oconee Fertilizer Co.
 DULUTH—McClure-Taylor Co.
 EASTMAN—Dodge Fertilizer Co.
 Improved Guano Co.
 EATONTON—Eatonton Oil & Fertilizer Co.
 Ezell-Griffin Co.
 Putnam Fertilizer Works
 EDISON—Sealy & Rambo
 ELBERTON—Elbert County Fertilizer Co.
 Elberton Guano Co.
 Tabor T. O. & Son
 ELLAVILLE—Ellaville Guano Co.
 FAYETTEVILLE—Fayette Fertilizer Co.
 Redwine Brothers
 FITZGERALD—Ben Hill Co.
 Fitzgerald Cotton Oil Co.
 Planters' Warehouse & Loan Co.
 FLOWERY BRANCH—Planters' Fertilizer
 Co.
 FORSYTH—Southern Cotton Oil Co.
 FORT GAINES—Georgia Products Co.
 Fort Gaines Fertilizer Co.
 Southern Cotton Oil Co.
 FORT VALLEY—Fort Valley Oil Co.
 FRANKLIN—Heard Co. Oil & Fertilizer
 Co.
 GAINESVILLE—Jewell-Loudermilk Co.
 Parker P. N.
 GRANTVILLE—Grantville Oil Mills
 GRAYSON—Grayson Home Mixture Co.
 GREENSBORO—Greensboro Fertilizer Co.
 GRIFFIN—Boyd, Douglas & Co.
 Gossett A. F. & Son
 Walker Brothers Co.
 GROVANIA—Grovania Cotton Oil Co.
 HAGEN—Hagen Oil Mill & Fertilizer Co.
 HAMPTON—Hampton Fertilizer Co.
 HARLEM—Harlem Oil & Fertilizer Co.
 HARRISON—Harrison Fertilizer Co.
 HARTWELL—Leard & Massey
 McKnight & Teasley
 Matheson J. D. & Sons
 HAWKINSVILLE—Jelks W. A. & Co.
 Ocmulgee Guano Co.
 HOSCHTON—Hoschton Cotton Oil Mill &
 Mfg. Co.
 JACKSON—Buttrill Guano Co.
 Carmichael Guano Co.
 Mallett & Nutt
 Watkins B. F. & Co.
 JERSEY—Jersey Oil Mill Co.
 LA FAYETTE—La Fayette Fertilizer Co.
 LA GRANGE—Troup Co.
 LAVONIA—Allison T. F. & T. E.
 Yow & McMurray
 LAWRENCEVILLE—Lawrenceville Fer-
 tilizing Co.
 LILLY—Planters' Oil & Fertilizer Co.
 LOCUST GROVE—Combs A. G.
 LOUISVILLE—Abbott Manufacturing Co.
 Willie E. N.
 LULA—Miller T. C. & Son
 LUMPKIN—Lumpkin Home Mixture
 Guano Co.
 Singer Co.
 McRAE—Empire Cotton Oil Co.
 South Georgia Fertilizer Co.
 MABLETON—Lowe T. J.
 MACON—Adams Robt. T.
 Atlantic Chemical Co.
 Cherokee Fertilizer Co.
 Columbia Guano Co.
 Cotton States Seed & Fertilizer Co.
 Georgia Warehouse Co.
 Heard Brothers
 International Agricultural Corp.
 Macon Fertilizer Works
 Planters' Fertilizer Co.
 Royster F. S. Guano Co.
 Southern Cotton Oil Co.
 Virginia-Carolina Chemical Co.
 Willingham's Warehouse
 MADISON—Madison Fertilizer Co.
 MAXEYS—Maxeys Mfg. Co.
 MAYFIELD—Ogeechee Fertilizer Works,
 Inc.
 MAYSVILLE—Maysville Guano Co.
 Maysville Oil Mills
 MEIGS—Standard Fertilizer Co.
 METTER—Metter Fertilizer Co.
 MIDDLETON—Middleton Union Ware-
 house Co.
 MIDVILLE—Central Fertilizer Co.
 MILAN—Farmers' Fertilizer Works
 MILLEDGEVILLE—Baldwin County
 Fertilizer Co.
 Central Georgia Guano Co.
 MILLEN—Daniel Sons & Palmer Co.
 Millen Fertilizer Co.
 MILLHAVEN—Comer E. T. & Co.
 MITCHELL—Kelley's J. C. Sons
 MONROE—Monroe Oil & Fertilizer Co.
 Nowell J. M.
 MONTEZUMA—Montezuma Fertilizer Co.
 MONTICELLO—Benton Supply Co.
 Farmers' Union Warehouse Co.

MORELAND—Brannon W. A. Co.
Camp W. H. Co.
MOULTRIE—Moultrie Fertilizer & Mfg. Co.
Moultrie Oil & Fertilizer Co.
Swift & Company
NEWMAN—Coweta Fertilizer Co.
Georgia Belle Fertilizer Co.
NEWTON—Hall R. L. & W. H.
OCILLA—Ocilla Oil & Fertilizer Co.
PAVO—Pavo Fertilizer Co.
PELHAM—Hand Trading Co.
Mitchell County Fertilizer Co.
Pelham Oil & Fertilizer Co.
PINEHURST—Pinehurst Fertilizer Co.
POWDER SPRINGS—Powder Springs Guano Co.
PUTNEY—Putney F. F.
QUITMAN—Empire Cotton Oil Co.
REYNOLDS—Farmers' Warehouse & Fertilizer Co.
Planters' Warehouse Co.
Reynolds Home Mixture Guano Co.
Ricks-Neisler Fertilizer Co.
RICHLAND—Richland Home Mixture Guano Co.
ROME—Empire Cotton Oil Co.
Rome Oil & Fertilizer Co.
Virginia-Carolina Chemical Co.
ROYSTON—Royston Guano & Warehouse Co.
Tri-County Fertilizer Co.
RUTLEDGE—Rutledge Oil Co.
SALE CITY—Perry F. A. Warehouse
SANDERSVILLE—Central Fertilizer Co.
Georgia Fertilizer Works
Wood Newman
SAVANNAH—American Agricultural Chemical Co.
American Fertilizer Co.
Armour Fertilizer Works
Barker Chemical Co.
Gibbs L. Y. Son & Co.
Leffler A. Co.
Mutual Fertilizer Co.
Phosphate Mining Co.
Reliance Fertilizer Co.
Savannah Guano Co.
Savannah Chemical Co.
Seacoast Fertilizer Co.
Southern Cotton Oil Co.
Southern Fertilizer & Chemical Co.
Swift & Company
Virginia-Carolina Chemical Co.
Willcox, Ives & Co.
SENOIA—McKnight C. C. & Bros.
SHELLMAN—Crittenden Guano Co.
Oliver Cotton Oil Mills, Ginnery & Fertilizer Works
Shellman Home Mixture Guano Co.
SMITHONIA—Smithonia Oil & Fertilizer Co.
SOCIAL CIRCLE—Social Circle Mfg. Co.
Virginia-Carolina Chemical Co.
SOPERTON—Soperton Guano Co.
STARRSVILLE—Anderson & Belcher
STILESBO—Stilesboro Warehouse Co.
STOCKBRIDGE—Mann Joseph
SWAINSBORO—Swainsboro Fertilizer Co.
SYLVESTER—Keystone Guano Co.
TEMPLE—Baker J. M.
Temple Cotton Oil Co.
TENNILLE—Planters' Fertilizer Co.
THOMASTON—Reeves T. J. & Co.
Upson County Oil Mills
THOMASVILLE—Thomasville Fertilizer Co.
THOMSON—McDuffie Oil & Fertilizer Co.
TIFTON—International Agricultural Corp.
Tifton Guano Co.
TOCCOA—Dance Guano Co.
Farmers Cotton Oil & Fertilizer Co.
UNADILLA—Unadilla Fertilizer Co.
UNION CITY—Union Phosphate Co. of Georgia
VALDOSTA—Georgia Fertilizer & Oil Co.
Strickland's A. J. Mfg Works
VIDALIA—Altamaha Fertilizer Co.
Vidalia Chemical Co.
VIENNA—Dooly Fertilizer Co.
Empire Cotton Oil Co.
Heard J. P. & Sons Co.
VILLA RICA—Villa Rica Cotton Oil Co.
WARRENTON—Union Fertilizer Co.
Warren County Fertilizer Co.
WASHINGTON—Pope Mfg. Co.
Tyrone Mercantile Co.
WAVERLY HALL—Pitts I. H. & Son Co.
WAYNESBORO—Burke County Oil & Fertilizer Co.
Neely R. C. Co.
Skinner C. W.
WEST POINT—West Point Home Mixture Guano Co.
WHITE PLAINS—White Plains Gin & Fertilizer Co.

WINDER—Winder Oil Mill Co.
WINTERVILLE—Pittard John T.
WOODBURY—Woodbury Oil Mills
WOODSTOCK—Woodstock Oil & Fertilizer Co.
WOODVILLE—Davison C. J. & Co.
Woodville Oil Co.
WRENS—McNair-Young Co.
ZEBULON—Zebulon Gin & Fertilizer Co.

ILLINOIS.

AURORA—Alba Manufacturing Co.
CHICAGO—Armour Fertilizer Works, Union Stock Yards
Chicago Fertilizer & Chemical Works, 7607 S Green
Chicago Raw Products Co., 2801 S Ashland av
Darling & Company, 4201 S Ashland
Herrmann Jos. F. & Co., Fisher bldg.
Hine Brothers Co., 4023 S Ashland av
Hirsh, Stein & Co., 111 W Wash
Morris & Co., Union Stock Yards
Southern Cotton Oil Co., 1463 W 37th
Swift & Co., Union Stock Yards
Wilson & Co., 41st & Ashland av
EAST ST. LOUIS—Swift & Company
WAUKEGAN—Barwell John W.

INDIANA.

ANDERSON—Anderson Fertilizing Co.
DALE—Wedeking Co.
DECATUR—Decatur Fertilizer Co.
EVANSVILLE—Evansville Packing Co.
FORT WAYNE—Bash S. & Co.
HAGERSTOWN—Weidman Augustus
HAMMOND—American Glue Co.
INDIANAPOLIS—Dockwiler & Kingsbury Co.
Rauh E. & Sons Fertilizer Co., Union Stock Yards
Smith Agricultural Chemical Co., Kentucky av & Reisner
Wachtel J., Southern av
KOKOMO—Kokomo Fertilizer Co.
MARION—Ballard Packing Co.
MISHAWAKA—Major Brothers Packing Co.
NEW ALBANY—Empire Guano Co.
Hopkins Fertilizer Co.
ROYAL CENTER—Goodrich W. J.
SEYMOUR—Buhner F. F.
SHELBYVILLE—Bausback Robert & Sons
STASER—Niederhaus Fred.
STIOUX CITY—Armour Fertilizer Works

KANSAS.

KANSAS CITY—Armour Fertilizer Works
Sulzberger & Sons Co.
Swift & Company

KENTUCKY.

BARDSTOWN—Grigsby & Co.
LA GRANGE—Duncan & Bro.
LEITCHFIELD—Grayson Fertilizer Co.
LOUISVILLE—Federal Chemical Co.
Fox Chemical Co.
Globe Fertilizer Co.
Jones Fertilizing Co.
Kentucky Fertilizer Co.
Louisville Fertilizer Co.
Pero & Stoecker
Southern Fertilizer Co.
Wood, Stubbs & Co.
OWENSBORO—Turley J. T. Co.

LOUISIANA.

ARCADIA—Arcadia Cotton Oil Mill & Mfg. Co.
GIBSLAND—Gibsland Oil Mills & Fertilizer Co.
HARVEY—Swift & Company
HOMER—Homer Cotton Oil Co.
MINDEN—Minden Cotton Oil & Ice Co.
NEW ORLEANS—Planters' Fertilizer & Chemical Co., Hibernia bldg
St. Bernard Rendering & Fertilizing Co., 304 Baronne
Union Seed & Fertilizer Co.
RUSTON—Ruston Oil Mill & Fertilizer Co.
SHREVEPORT—Meridian Fertilizer Factory
Shreveport Fertilizer Works
Swift & Company
Virginia Carolina Chemical Co.

MAINE.

AUGUSTA—Philbrick E. J.
BANGOR—Morison Brothers
BOWDOINHAM—Sagadahoc Fertilizer Co.
EASTPORT—Deep Cove Mfg. Co.
HOULTON—International Agricultural Corp.
PORTLAND—Portland Rendering Co.
SEARSPORT—American Agricult. Chemical Co.

MARYLAND.

BALTIMORE—American Agricult. Chemical Co., Fidelity bldg
Armour Fertilizer Works, Munsey bldg
Baltimore Fertilizer Co., 221 N Calvert
Baugh & Sons Co., The 25 S Calvert
Griffith & Boyd Co., 9 S Gay
Home Fertilizer & Chemical Co., Calvert bldg
Hubbard Fertilizer Co., Keyser bldg
Hubbard M. P. & Co., Calvert bldg
Miller Fertilizer Co., 5 S Gay
Moores Joel & Co., 920 E Fort av
Nichols J. B. & Son, 9 E Camden
Ober G. & Sons Co., U. S. Fidelity bldg
Patapasco Guano Co., Vickers bldg
Piedmont Mt. Airy Guano Co., Keyser bldg
Pollock Fertilizer Co., Fidelity bldg
Rasin-Monumental Co., Nat. Mar. Bank bldg
Standard Wholesale Phosphate Co., Continental bldg
Superior Guano Co., Clinton & 4th av
Swift & Co., Stock Exchange bldg
Taveau H. S. & Co., 5 S Gay
Wooldridge Fertilizer Co., Marine Bank bldg
Wooldridge Robert A. Co., Fidelity bldg
BEL AIR—McComas Brothers
Robinson W. E. & Co.
BRUCEVILLE—Mehring F.
CAMBRIDGE—Webster S. L. & Son
CARDIFF—Dooley & Robinson Bros.
CHESTERTOWN—Beck-Walker Co.
Peerless Fertilizer Co.
CHURCH HILL—Valliant E. S. & Son
CRISFIELD—Dennis L. E. P. & Son
ELKTON—Scott Fertilizer Co.
FREDERICK—Ramsburg Fertilizer Co.
Tyson J. & Son
GREENSBORO—Horsey, Roe & Co.
HAGERSTOWN—Bixler Wm. H.
Central Chemical Co.
HAMPSTEAD—Hampstead Fertilizer Co.
LINWOOD—Englar John A.
MEDFORD—Baile C. A. & Co.
MT. AIRY—Hood W. H.
NEW WINSOR—Bennett N. T.
POCOMOKE—Wilson Francis M. & Co.
ST. MICHAELS—Talbot Mfg. Co.
SALISBURY—Farmers & Planters' Co.
Tilghman W. B. Co.
SNOW HILL—Worcester Fertilizer Co.
TANEYTOWN—Reindollar Co.
UNION BRIDGE—Farmers' Exchange Co.
WESTMINSTER—Farmers' Fertilizer & Feed Co.
Westminster Fertilizer Co.
WOODSBORO—Miller & Cramer

MASSACHUSETTS.

BOSTON—American Agricultural Chemical Co., Delray
Bowker Fertilizer Co., 43 Chatham
Breck Joseph & Sons' Corp.
Dow J. C. Co., 14 Chatham
Eastern Chemical Co., 45 Union av
Lowell Fertilizer Co., 40 N Market
Randall Benjamin
FRAMINGHAM—Wood A. H. & Co.
HOLYOKE—Abbott W. H.

MICHIGAN.

ADRIAN—Smith Elmer D. & Co.
DETROIT—American Agricultural Chemical Co., Delray
GRAND RAPIDS—Grand Rapids Glue Co.
JACKSON—Boland James Rendering & Fertilizing Co.
KALAMAZOO—Kalamazoo Rendering & Fertilizer Co.
ST. JOSEPH—Burton E.

MINNESOTA.

ST. PAUL (South)—Swift & Company

MISSISSIPPI.

AMORY—Gilmore-Puckett Grocery Co.
BROOKHAVEN—Brookhaven Cotton Oil & Fertilizer Co.
COLUMBUS—Independent Oil & Fertilizer Works
Refuge Cotton Oil Co.
CORINTH—Tupelo Fertilizer Factory
CRYSTAL SPRINGS—Crystal Springs Oil Mill, Fertilizer & Mfg. Co.
HATTIESBURG—Meridian Fertilizer Factory
HAZLEHURST—Hazlehurst Oil Mill & Fertilizer Co.
JACKSON—Jackson Fertilizer Co. Union Seed & Fertilizer Co.
KOSCIUSKO—Planters' Oil Mill & Gin Co.
LAUREL—Laurel Oil & Fertilizer Co.
MERIDIAN—Eagle Cotton Oil Co. George A. H. Co. Meridian Fertilizer Factory Southern Oil & Fertilizer Co. Threefoot Bros. & Co.
MOSS POINT—Moss Point Fertilizer Co.
NEWTON—Newton Oil Mill
PHILADELPHIA—Henderson-Molpus Co.
SHUBUTA—Shubuta Oil & Mfg. Co.
TUPELO—Tupelo Fertilizer Factory
WESSON—Wesson Cotton Oil & Fertilizer Co.
YAZOO CITY—Producers' Cotton Oil Co.

MISSOURI.

ST. JOSEPH—Swift & Co.
ST. LOUIS—Commercial Acid Co., 394 Duncan av
Empire Carbon Works, 415 Locust
Mathiason P. B. Mfg. Co., 5310 N 2nd

MONTANA.

ANACONDA—Rocky Mountain Chemical Co.

NEBRASKA.

SOUTH OMAHA — Armour Fertilizer Works
Swift & Company

NEW HAMPSHIRE.

LANCASTER—Smith Frank & Co.
PITTSFIELD—Sanborn J. W.

NEW JERSEY.

ALLOWAY—Ayres J. F.
BRIDGETON—Grange Commercial Store Minch John E.
BURLINGTON—Burlington Supply Co.
CAMDEN—Wenderoth J. & Sons
CEDARVILLE—Brown Wm. M.
CHROME—Armour Fertilizer Works
ELMER—Smith Rufus W. Co.
FREEHOLD—Monmouth County Farmers' Exchange
HIGHTSTOWN—Chamberlin E. B. & Co.
MARLBORO—Balrd J. H. & Son
MEDFORD—Haines Jos. H. & Sons
MILLINGTON—Runyon A. D.
MONMOUTH JUNCTION—Rowland John B.
MOORESTOWN—Collins J. S. & Son, Inc. Doughten H. W.
MT. EPHRAIM—Clark C. C. & Son
MT. HOLLY—Burlington County Farmers' Exchange
NEWARK—Listers Agricultural Chemical Works, Lister av
Noll J. F. & Co., 115 Mulberry
NEW BRUNSWICK—Lederer Samuel & Son
Ruckman Brothers
PLAINFIELD—Glaser Co.
QUINTON—Quinton Glass Co.
ROBBINSVILLE—Hendrickson & Dila-tush
SWEDESBO—Brewer & Locke
TRENTON—Trenton Bone Fertilizer Co.
VINELAND—Wilde Wm.
WOODBURY—West Jersey Marl & Trans. Co.
WOODSTOWN—South Jersey Farmers' Exchange

NEW YORK.

ALBANY—Newhof L.
BALDWINVILLE—Giddings Burt
BEACON—Hammond Benjamin
BROCKPORT—Shafer Perry C. Co.

BUFFALO—American Agricultural Chemical Co., 129 Lewis
Dold Jacob Packing Co., 745 William
International Agricultural Corp., Marine Bank bldg
FILLMORE—Stockwell J. W. Co.
JOHNSONBURG—Daniels Fred
NEW YORK CITY—American Agricultural Chemical Co., 2 Rector
Beta Fertilizer Co.
Bowker Fertilizer Co., 60 Trinity pl
Coe-Mortimer Co., 51 Chambers
Consumers' Chemical Corp., 120 B'way
Cooper's Peter Glue Factory, 11th av & 28th
Henderson Peter & Co., 35 Cortlandt
International Agricultural Corp., 61 B'way
Lister's Agricultural Chemical Works, 2 Rector
Ludlam Frederick Co., 2 Rector
Mapes Formula & Peruvian Guano Co., 143 Liberty
Nassau Fertilizer Co., 2 Rector
National Fertilizer Co., 2 Rector
Southern Cotton Oil Co., 120 Broadway
Thorburn J. M. & Co., 53 Barclay
Union Seed & Fertilizer Co., 65 Broadway
ROCHESTER—Flower City Plant Food Co.
International Seed Co.
SYRACUSE—Syracuse Rendering Co.
YONKERS—Health Chemical Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Packing Co.
AULANDER—Bertie Cotton Oil Co.
BAYBORO—Pamlico Chemical Co.
BENSON—Banner Fertilizing Co.
BETA—Beta Fertilizer Co.
CHARLOTTE—Interstate Chemical Corp. Southern Cotton Oil Co. Union Seed & Fertilizer Co. Virginia-Carolina Chemical Co.
CLAYTON—Clayton Oil Mill
CONCORD—Southern Cotton Oil Co.
DUNN—Dunn Oil Mills Co.
DURHAM—Dixie Guano Co. Virginia-Carolina Chemical Co.
EDENTON—Chowan Cotton Oil & Fertilizer Co.
ELIZABETH CITY—Grandy N. G. & Co. Jennett Brothers Co.
FARMVILLE—Farmville Oil & Fertilizer Co.
FAYETTEVILLE—Southern Cotton Oil Co.
FREMONT—Fremont Oil Mills Co.
GIBSON—Southern Cotton Oil Co.
GOLDSBORO—Southern Cotton Oil Co.
GREENSBORO—American Agricultural Chemical Co. Armour Fertilizer Works Swift & Co.
HENDERSON—Vance Guano Co.
HERTFORD—Eastern Cotton Oil Co. Shannonhouse H. T.
JOHNS—John J. T. Co.
KINSTON—Lenoir Oil & Ice Co.
LAUREL HILL—Pate Z. V.
LAURINBURG—Elmore Ginning & Fertilizer Co. McNair Phosphate Co.
LUMBERTON—Robeson Mfg. Co.
MARSHVILLE—Marsh-Lee Co.
MAXTON—Elba Mfg. Co. Southern Exchange Co.
MONROE—Crow Fertilizer Co.
NEW BERN—Craven Chemical Co. Meadows E. H. & J. A. Co. New Bern Cotton Oil & Fertilizer Mills
Virginia-Carolina Chemical Co.
PINE LEVEL—Pine Level Oil Mills
PITTSBORO—Chatham Oil & Fertilizer Co.
RAEFORD—Hoke Oil & Fertilizer Co.
RALEIGH—Caraleigh Phosphate & Fertilizer Works
Union Seed & Fertilizer Works
ROCKINGHAM—Everett Bros.
ROCKY MOUNT—Planters' Cotton Oil & Fertilizer Co. Southern Cotton Oil Co.
SCOTLAND NECK—Scotland Neck Guano Co.
SHELBY—Southern Cotton Oil Co.
TARBORO—Josey N. B. Guano Co. Royster F. S. Guano Co.
WADESBO—Southern Cotton Oil Co.
WASHINGTON—Bragaw Fertilizer Co. Havens Oil Co. Pamlico Chemical Co.

WILMINGTON—Acme Manufacturing Co. American Agricultural Chemical Co. Armour Fertilizer Works
Cooper Guano Co.
Navassa Guano Co. of Wilmington
Pearsall & Co.
Swift & Company
Union Seed & Fertilizer Co.
WILSON—Contentnea Guano Co. Farmers' Cotton Oil Co. Hadley, Harriss Co. Southern Cotton Oil Co.
WINSTON-SALEM—Union Guano Co. Virginia-Carolina Chemical Co.

OHIO.

ALLIANCE—Alliance Fertilizer Co.
ATHENS—Stedman F. C. Co.
CAMDEN—Slover Edward Fertilizer Co.
CANTON—Canton Fertilizer & Chemical Co.
CINCINNATI — American Agricultural Chemical Co., Prov. Bk. bldg
Jarecki Chemical Co., ft. Broermann av, St. B
Joslin-Schmidt Co., 3223 Spring Grove av
Virginia-Carolina Chemical Co., Union Central bldg
CLEVELAND — American Agricultural Chemical Co., Rose bldg
Grasselli Chemical Co.
Stadler J. L. & H. Rendering & Fertilizer Co., 908 Denison av, N W
Swift & Co., 2300 Ontario S. E.
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DAYTON—Wuichet Fertilizer Co.
DEFIANCE—Ruehle John
GREENVILLE—Mace & Mansfield
HAMILTON—Miami Fertilizer Co.
HARVEYSBURG—Harveysburg Fertilizer Co.
MARIETTA—Marietta Bone & Phosphate Co. Muskingum Valley Fertilizer Co.
MEDINA—Rickard G. W.
NEWARK—Howell Fertilizer Co.
PORTSMOUTH—Portsmouth Chemical Co.
SANDUSKY—Jarecki Chemical Co.
TIFFIN—Seneca Fertilizer Co.
TOLEDO—Ohio Standard Chemical Co.
WASHINGTON C. H.—Hamm M. Co. Miller E. L.
WHEELERSBURG—Bell Geo. A. Fertilizer Works
YOUNGSTOWN—Youngstown Fertilizer Co.
ZANESVILLE—Frank L. & Sons

OKLAHOMA.

OKLAHOMA—Sulzberger & Sons Co., 209 Lasalle

OREGON.

NORTH PORTLAND—Union Meat Co.
PORTLAND—Alaska Oil & Guano Co. Portland Rendering Co. Portland Seed Co.

PENNSYLVANIA.

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CHESTER—Baxter Henry V.
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DOYLESTOWN—Dungan Fertilizer Co.
DU BOIS—Swack's Fertilizer Works, Inc.
EASTON—Berger Brothers
ELIZABETHTOWN—Farmers' Fertilizer Works
ERIE—Erie Reduction Co.
GAP—Walker J. C. & Sons Co.
GETTYSBURG—Blocher D. & Co.
HAZLETON—Schumacher Anson B.
JOHNSTOWN—Cambria Fertilizer Co.
KENNETT SQUARE—Gawthrop Jos. R.
LANCASTER—Lancaster Bone Fertilizer Co. Lancaster Chemical Co.
LEAMAN PLACE—Eby Amos & Co.
LEBANON—Lebanon Fertilizer Works

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 Roberts Ellwood Co., Drexel bldg
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 STEWARTSTOWN—Bartenslager J. H.
 WARREN—Warren Fertilizer Co.
 WILLIAMSPORT—Thomas James
 YORK—York Chemical Works

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 PROVIDENCE—Mitchell Fertilizer Co., 26 S Water

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ABBEVILLE—Southern Cotton Oil Co.
 AIKEN—Farmers Storage & Fertilizer Co.
 ALLENDALE—Allendale Cotton Oil & Fertilizer Co.
 ANDERSON—Anderson Fertilizer Co.
 Anderson Phosphate & Oil Co.
 Peoples Oil & Fertilizer Co.
 ANTREVILLE—Wakefield Mer. Co.
 BATESBURG—Batesburg Cotton Oil Co.
 BENNETTSVILLE—Marlboro Fertilizer Co.
 BLACKSBURG—Virginia-Carolina Chemical Co.
 CAMDEN—Southern Cotton Oil Co.
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 Etiwan Fertilizer Co.
 McCabe Fertilizer Co.
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 Molony & Carter Co.
 Peruvian Guano Corp.
 Planters' Fertilizer & Phosphate Co.
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 Southern Cotton Oil Co.
 Virginia-Carolina Chemical Co.
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 Congaree Fertilizer Co.
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 Swift & Company
 Virginia-Carolina Chemical Co.
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 DUNCAN—Tyger Shoals Milling Co.
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 FOUNTAIN INN—Fountain Inn Oil Mill Co.
 GAFFNEY—Victor Cotton Oil Co.
 GRAY COURT—Gray Court Oil & Fertilizer Co.
 GREENVILLE—Carolina Phosphate Co.
 Independent Guano Co.
 Union Seed & Fertilizer Co.
 Virginia-Carolina Chemical Co.
 GREENWOOD—Greenwood Fertilizer Co.
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 Greer Fertilizer Co.
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 MARION—Marion Guano Co.
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 Orangeburg Fertilizer Co.
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 Wattles Richard H.
 AVALON—Gill Howard W.

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Tampa Brush Co. (Palmetto), Tampa, Fla.
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4679— *Fibre (Galvanized)

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Brandywine Fibre Products Co., East Wilmington, Del.
Central Hard Fibre Co. (Hard Vulcanized Fibre, Tubes a Specialty), W. Somerville, Mass.
Continental Fibre Co. (Also Flexible), Newark Centre, Del.

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del.
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Eastern Hard Fibre Co., Merrimac, Mass.
Empire Mfg. Co., 26th & Tatnell, Wilmington, Del.

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Del. *See adv index at end of book*

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4682— *Fibre (Sheet)

See also Fibre, Hard

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shallton, Del.

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Russell Specialty Mfg. Co., 317 S Clinton,
Chicago, Ill. *See adv index at end of book*

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Del. *See adv index at end of book*

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Stossel Carl & Co. (Hickory), Front Royal,
Va.

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nati, O., 68 W Washington, Chicago,
Ill. *See adv index at end of book*

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Pick Richard Mfg. Co., 224 N 5th av, Chi-
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dence, R. I.

Ohio File Renewing Co., Niles, O.

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can," "Gt. Western," "X-F," Swiss
Pattern Files),** Providence, R. I.

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File),** 50th & Lancaster av, Phila., Pa.

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cago, Ill.

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consinom, Tacony, Phila., Pa.

4695a— Files (Coil)

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idence, R. I.

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Schnefel Bros., 684 S 17th, Newark, N. J.

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4701a—Files (Nail)

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4703—Files (Rotary)

Parkes File Co., 117 Verona av, Newark, N. J.

Tacony File & Hardware Co., 6744 Wisconsin, Tacony, Phila., Pa.

4704—Files (Side)

Disston Henry & Sons, Tacony, Phila., Pa.

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Tacony File & Hardware Co., 6744 Wisconsin, Tacony, Phila., Pa.

4705—Files ("Weed's Special" Blunt)

NICHOLSON FILE CO., Providence, R. I.
See adv index at end of book

4706—Filing Cabinets & Devices

See also Blue Print Filing Cabinets
Adams Mfg. Co., 86 E Plumstead, Phila., Pa.

Allsteelequip Co. (Metal), Aurora, Ill.

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.

American Bank Protection Co. (Steel), 1201 S 3d, Minneapolis, Minn.

American Clip Co., Beebe av, Long Island City, N. Y.

American Drafting Furniture Co. (Wood, Stock & Special), 199 Railroad, Rochester, N. Y.

See adv index at end of book
Armor Clad Mfg. Co. (Metallic), Canton, O.

Art Metal Construction Co. (Sheet Steel), Jamestown, N. Y.

Art Metal Products Co., 514 S Green, Chicago, Ill.

Automatic File & Index Co. (Automatic Vertical & Sectional), Green Bay, Wis.

Baker-Vawter Co. (Steel), Benton Harbor, Mich.

Berger Mfg. Co. (Steel), Canton, O.
 Browne-Morse Co. (Wood), Muskegon Heights, Mich.
 Caldwell Jos. S. ("Well's" Adjustable, Wood Only), Syracuse, N. Y.
 Canton Art Metal Co. ("Steel"), Canton, O.
 Clark W. J. Co. (Metallic), Salem, O.
 Cleveland Metalcraft Co. (Steel), Cleveland, O.
 Crown Metal Construction Co., Jamestown, N. Y.
 Darby Edw. & Sons Co. ("Pen-Dar" Metallic), 239 Arch, Phila., Pa.
 Derby Desk Co. (Wood), Somerville, Mass.
 Dexter Metal Mfg. Co. (Metallic & Steel), 93 Arch, Camden, N. J.
 Dick A. B. Co., 736 W Jackson bl, Chicago, Ill.
 Diven Mfg. Co., Elmira, N. Y.
 Edwards O. M. Co. ("Omeco" Steel), Syracuse, N. Y.
 Estes E. B. & Sons (Card Index, Wood Cabinets), 358 5th av. New York
See adv index at end of book
 Federal Steel Fixture Co. (Steel), 4545 Homer, Chicago, Ill.
 Fielder & Allen Co. (Dealers), Atlanta, Ga.
 Fire-Proof Furniture & Construction Co. (Metallic), Miamisburg, O.
 General Fireproofing Co. ("Allsteel" Metallic "Ou-nettes," "Wydesteels"), Youngstown, O.
 Globe-Wernicke Co. (Sectional Wood & Steel), 25 Carthage av, Cincinnati, O.
 Gunn Furniture Co., Grand Rapids, Mich.
 Ideal Desk Co. (Wood), Auburn, Me.
 Imperial Methods Co. (Cabinet Oak), 312 W Madison, Chicago, Ill.
 Imperial Steel Cabinet Co. (Steel), 2144 Fulton, Chicago, Ill.
 Invincible Metal Furniture Co., Manitowoc, Wis.
 Jamestown Window Screen Co. (Sheet Metal), Jamestown, N. Y.
 Keyless Lock Co. (Steel), Indianapolis, Ind.
 Koller & Smith Co., 159 Leonard, New York
 Library Bureau (Metallic & Wood), 43 Federal, Boston, Mass.
 Lundstrom C. J. Mfg. Co., Little Falls, N. Y.
 Macey Co. (Wood & Steel), Grand Rapids, Mich.
 Meilink Mfg. Co. (Steel), Toledo, O.
 Melton-Rhodes Co. (Wood), Greensboro, N. C.
 Ohmer's M. Sons Co., Dayton, O.
 Otsego Power & Mfg. Co. (Wood), Otsego, Mich.
 Rand Co., No Tonawanda, N. Y.
 Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.
 Safe Cabinet Co. (Metallic), Marietta, O.
 Shaw-Walker Co., Muskegon, Mich.
 Shelbyville Desk Co. (Wood), Shelbyville, Ind.
 Simonson Roger A. & Co., 122 S Michigan av, Chicago, Ill.
 Steel Fixture Mfg. Co. (Metallic), Topeka, Kan.
 Van Dorn Iron Works Co. (Steel), 2700 E 79th, Cleveland, O.
 Vetter Mfg. Co. (Wood), Rochester, N. Y.
 Vogt Peter A. Mfg. Co. (Wood & Steel), 24 Evans, Buffalo, N. Y.
 Wabash Cabinet Co. (Wood), Wabash, Ind.
 Wagemaker Co. (Wood), Grand Rapids, Mich.
 Watson Mfg. Co. (Metallic), Jamestown, N. Y.
 Weis Mfg. Co. ("Weis," Wood & Fibre), Monroe, Mich.
 Wetzel P. A. Co., Rockford, Ill.
 Yawman & Erbe Mfg. Co. (Steel & Wood), Rochester, N. Y.

4707— Fillers (Asphalt)

Barber Asphalt Paving Co. ("Genasco") Land Title bldg, Phila., Pa.
 Byerley & Sons, 2489 W 4th, Cleveland, O.
 General Roofing Mfg. Co., Boatman's Bank bldg., St. Louis, Mo.
 International Asphalt Co. ("Cubanel"), 133 W. Wash., Chicago, Ill.
 Lewis F. J. Mfg. Co. ("Lewis" Pitch for Brick, Granite & Ceresote Block Pavement, 2513 S. Robey, Chicago, Ill.
 Standard Asphalt & Rubber Co. ("Sarco," for Deadening & Waterproofing Brick & Block Pavements), 208 S La Salle, Chicago, Ill.
 Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.

Standard Oil Co. ("Standard"), 72 W Adams, Chicago, Ill.
 Standard Oil Co. of New York, 26 B'way, New York
 Standard Oil Co. of Ohio, Cleveland, O.
 Sun Co., Finance bldg, Phila., Pa.
 Texas Co. ("Texaco," for Brick, Wood Block & Granite Pavements), Houston, Tex., & 17 Battery pl, New York
 U. S. Asphalt Refining Co., 90 West, New York
 Warner-Quinlan Asphalt Co., Syracuse, N. Y.

4708— Fillers (Barrel)

Cleveland Steam Gauge Co. ("Watson" Automatic), Cleveland, O.
 Kelso & Co. (Automatic), 559 W Quincy, Chicago, Ill.
 Moran Flexible Steam Joint Co. (Automatic), Louisville, Ky.

4709— Fillers (Cake)

Sargent & Co. ("Anger's Perfect"), New Haven, Conn.

4710—Fillers (Can, Tomato Pulp Measuring)

U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

4711— Fillers (Dry Battery)

Acheson Graphite Co. ("Acheson" Graphite), Niagara Falls, N. Y.

4712— Fillers (Egg Case)

Cherry J. G. Co., Cedar Rapids, Ia.
 Crescent Paper Co., Marseilles, Ill.
 North Star Egg Case Co., Quincy, Ill.
 Piqua Cap Co., Piqua, O.

4713—Fillers (Engineers' Oil)

Consolidated Fruit Jar Co. (Brass, Copper & Zinc), New Brunswick, N. J.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
GEM MFG. CO. (Brass, Copper, Plated Steel & Braze Seamed Steel), Goebel, nr Fulton, N. S., Pittsburgh, Pa.
See adv index at end of book
 Hall Mfg. Co., Harrison, N. J.
 Hero Mfg. Co., Gaul & Adams, Phila., Pa.
 Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

4714— Fillers (Frog, Steel)

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

4715— Fillers (Ice Can)

Burns, Jas. F., 713 Cherry, Phila., Pa.
 Canton Paint & Glass Co., Canton, O.
 Great Lakes Engineering Works (For Mfrs. of Artificial Ice, Automatic), Detroit, Mich.

Fillers (Iron Casting)

See Cement, Iron & Steel Filler

4716— Fillers (Iron & Steel)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.
BINSWANGER B. & CO., 827 N 3d, Phila., Pa.
 Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
 Felton, Sibley & Co., 136 N 4th, Phila., Pa.
 Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
 Gilman Paint & Varnish Co., Chattanooga, Tenn.
 Grogan H. F. & Co., 2113 E Sergeant, Phila., Pa.
 Indianapolis Paint & Color Co. ("Capitol City"), Indianapolis, Ind.
 Keystone Paint & Filler Co., Muncy, Pa.
 King Paint Mfg. Co. (Iron), 449 Kent av, Brooklyn, N. Y.
 Lawrence-McFadden Co., 1400 Frankford, Phila., Pa.
 Lawrence W. W. & Co., W. Carson, Pittsburgh, Pa.
 Lucas John & Co., 322 Race, Phila., Pa.
 Masury John W. & Son, 50 Jay, Brooklyn, N. Y.

Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.

Nice Eugene E., 272 S 2d, Phila., Pa.

See adv index at end of book

Patton Paint Co. ("James," "Patton"), Milwaukee, Wis.

Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.

Pyramid Paint Co., 133 N 22d, Phila., Pa.

Richmond Bros., 117 E 6th, Cincinnati, O.

St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.

Sherwin-Williams Co., Cleveland, O.

Smith Edw. & Co., 127 W. av, Long Island City, N. Y.

Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.

U. S. Gutta Percha Paint Co. ("Rice's," Corliss, Vulcan), 12-30 Dudley, Providence, R. I.

Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.

Wilbur J. Co. (Iron), Office, Providence, R. I.

Wilhelm A. Co. (Liquid & Paste), Reading, Pa.

4716a— *Fillers (Machine)

NICE EUGENE E., 272 S 2d, Phila., Pa.
See adv index at end of book

4717— Fillers (Oil)

See Fillers, Engineers' Oil

4718— Fillers (Paint)

Boston Varnish Co., Everett Station, Boston, Mass.

Keystone Paint & Filler Co. ("Keystone," Black), Muncy, Pa.

NICE EUGENE E., 272 S 2d, Phila., Pa.

See adv index at end of book

St. Louis Surfacter & Paint Co. ("Metal-Steel"), Arlington & Terminal Belt Line, St. Louis, Mo.

Wainwright John C., Spring City, Pa.

4719—Fillers (Paper & Linoleum)

Macneal James B. & Co., Warner & Wooster, Baltimore, Md.

Solvay Process Co. ("Crown" Paper), Syracuse, N. Y., Hutchinson, Kan. & Detroit, Mich.

4720— Fillers (Rope)

Chemical & Engineering Co. ("Red Dragon" for Belts & Rope Drivers), Watertown, N. Y.

Ironsides Co. ("Ironsides" for Wire & Fibre Rope), Columbus, O.

Ohio Filler & Shield Co., 522 City av, Columbus, O.

4721— Fillers (Silo)

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.

Ironwood Mfg. Co. ("Cyclone"), Bellefontaine, O.

Kalamazoo Tank & Silo Co., Kalamazoo, Mich.

Silver Mfg. Co. ("Ohio"), Salem, O.

4721a—*Fillers (Trench Back)

Keystone Driller Co., Beaver Falls, Pa.

4722— Fillers (Wood)

Acme White Lead & Color Works, Detroit, Mich.

Adams & Elting Co. ("Ad-el-ite" Liquid & Paste), 726 Washington blvd, Chicago, Ill.

Akron Varnish Co. (Liquid), Akron, O.

Allentown Mfg. Co. (Paste), Allentown, Pa.

Andersen Specialty Co. (Water Putty), 6 E. Lake, Chicago, Ill.

Armitage Jno. L. & Co., 54 Dawson, Newark, N. J.

Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.

Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.

Boydell Bros. White Lead & Color Co., Detroit, Mich.

Bradford Jas. Co., 8 E 3d, Wilmington, Del.

Bridgeport Wood Finishing Co. ("Wheeler's"), New Milford, Conn.

Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.
 Buckeye Paint & Varnish Co., Toledo, O.
 Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
 Burdsal A. Co., Indianapolis, Ind.
 Calman Emil & Co. ("Calman's Silex" Paste), 100 William, New York
 Cambria Paint & Color Co., Ltd., Johnstown, Pa.
 Canton Paint & Glass Co., Canton, O.
 Chase Roberts Co. ("Kismet"), West av, Long Island City, N. Y.
 Chesapeake Oil Co., Stockholm & Russell, Baltimore, Md.
 Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
 Devoe & Raynolds Co., Inc., 101 Fulton, New York
Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.
 Educational Film Corp'n, 729 7th av, New York
 Felton, Sibley & Co., 136 N 4th, Phila., Pa.
 Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.
 Franche C. E. & Co., 440 Orleans, Chicago Ill.
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.
Gilman Paint & Varnish Co. (Liquid & Paste), Chattanooga, Tenn.
 Glidden Varnish Co. ("Puritan" Liquid "Jap-a-lac"), 175 W Madison, Cleveland, O.
 Gold Metal Polish Co. (Paste), Racine, Wis.
 Graves N. Z. Corp., 22 S 3d, Phila., Pa.
 Grippin Mfg. Co., Newark, N. Y.
 Grogan H. F. & Co., 2113 E Sergeant, Phila., Pa.
 Harrisons, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Howell Chas. H. & Co., 212 Race, Phila., Pa.
 Indianapolis Paint & Color Co. ("Capital City"), Indianapolis, Ind.
 Kroeger Bros., 880 McKim, Baltimore, Md.
 Lancaster Paint & Glass Co., Lancaster, Pa.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
Lawrence-McFadden Co., 1400 Frankford, Phila., Pa.
 Lincoln Paint & Color Co. ("Paragon"), Lincoln, Neb.
 McCloskey Varnish Co., 30th & Locust, Phila., Pa.
 Marietta Paint & Color Co., Marietta, O.
 Masury John W. & Son, 50 Jay, Brooklyn, N. Y.
 Mayer & Loewenstein ("Flint Filler"), 164 Water, New York
 Mephram G. S. & Co., 20th & Lynch, East St. Louis, Ill.
 Miami Valley Paint Co., Dayton, O.
 Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.
 Murphy Varnish Co. (Liquid & Mineral Paste), McWhorter, Newark, N. J.
NICE EUGENE E. ("Nice"), 272 S 2d, Phila., Pa. See adv index at end of book
 O'Brien Varnish Co. ("Adamantian"), South Bend, Ind.
 Patton Paint Co. ("Tector"), Milwaukee, Wis.
 Phoenix Paint & Varnish Co., 124 Market, Phila., Pa.
 Pomeroy & Fischer, 95 Madison av, New York
 Pyramid Paint Co., 133 N 22d, Phila., Pa.
 Richmond Bros. ("Save-a-Coat"), 117 E 6th, Cincinnati, O.
 Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
 St. Louis Surfer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.
 Sherwin-Williams Co., Cleveland, O.
 Shoemaker R. & Co., 4th & Race, Phila., Pa.
 Smith Edw & Co., 127 West av, Long Island City, N. Y.
 Spiritine Chemical Co., Wilmington, N. C.
 Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
 Ullman-Philpott Co., 4805 Lexington, Cleveland, O.

Valentine & Co., 456 4th av, New York
 Wadsworth-Howland & Co. ("Bay-State"), 141 Federal, Boston, Mass.
Waterall Wm. & Co., Front & Mechanic, Phila., Pa.
 Waterproof Paint Co., Watertown, Mass.
 Whitehead Paint Co., 1 Madison av, New York
 Woodhouse Sam'l F. (Liquid & Paste), Unity & Franklin, Phila., Pa.

4722a— Fillet (Emery)

Stiles H. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

4723— Fillet (Patternmakers')

Benskin Mfg. Co. (Leather & Wood), Canton, O.
 Brodin Pattern & Supply Works (Wood & Composition), 2418 W 16th, Chicago, Ill.
 Cleveland Galvanizing Works Co. (Leather & Wood), Cleveland, O.
 Knight H. W. & Son (Leather & Wood), Seneca Falls, N. Y.
 Nott W. S. Co. (Leather), 2d av N & 3d, Minneapolis, Minn.
 Oliver Machinery Co., Grand Rapids, Mich.
 Page Belting Co. (Leather & Wood), Concord, N. H.
 Risbringer Fillet Co. (Patent Paper & Pulp), 5415 St. Clair av, Cleveland, O.
 Chanefelt Mfg. Co. ("Belding" Leather, Obtuse Angle Wood), Canton, O.
 Tonnison G. E. (Leather), 134 W 3d, Cincinnati, O.
 Timmis & Clissold (Leather & Wood), Bound Brook, N. J.
 Wellman Pattern Supply Co. ("Crescent" Wood & Leather), Cleveland, O.

4724—Fillings (Chemical Tower)

See also Stoneware, Chemical
 Graham Chas. Chemical Pottery Wks., 986 Met. av, Brooklyn, N. Y.
 Weeks Arthur J., Akron, O.

4725—Films (Moving Picture)

See also Moving Picture Machines
 American Film Co., 155 N Clark, Chicago, Ill.
 American Standard Motion Picture Machine Co., 110 W 40th, New York
 Biograph Co., 807 E 175th, New York
 Broncho Motion Picture Co., 1476 Broadway, New York
 Eclair Film Co., 18 E. 41st, New York
 Edison Thomas A., Orange, N. J.
 Essanay Film Mfg. Co., 1333 Argyle, Chicago, Ill.
 Famous Players Film Co., 130 W 56th, New York
 Gaumont Co., Congress av, Bklyn, N. Y.
 German-American Cinematograph & Film Co., 219 2d av, New York
 Kalem Co., 235 W 23rd, New York
 Kansas City Motion Picture Co. (Advertising Cartoons), 1017 Central av, Kansas City, Mo.
 Kansas City Slide Co. (Advertising Cartoons), 1017 Central av, Kansas City, Mo.
 Keystone Film Co., 1459 Broadway, New York
 Kinemacolor Co. of Am., 1600 Broadway, New York
 Life-Photo Film Corp., 220 W 42nd, New York
 Lubin Mfg. Co., Indiana & 20th, Phila., Pa.
 Melies Mfg. Co., 326 Lexington av, New York
 Motionscope Co., 107 S Capitol av, Indianapolis, Ind.
 N. Y. Motion Picture Corp., 1459 Broadway, New York
 Pathe Exchange, 25 W 45th, New York
 Power Nicholas Co., 90 Gold, New York
 Precision Machine Co., 317 E 34th, New York
 Renfax Film Co., 110 W 40th, New York
 Selig Polyscope Co., 58 E Wash., Chicago, Ill.
 Special Event Film Mfrs. Co., 216 W 42nd, New York
 Thanhouser Film Corp., New Rochelle, N. Y.
 Universal Film Mfg. Co., 1600 Broadway, New York
 Vitagraph Co. of Am., E 15th, Brooklyn, N. Y.
 World Film Corp., 126 W 46th, New York

Filter Sacks

See Bigs, Filters

4726—Filtering & Purifying Plants Installed

See also Water Softening & Purifying Apparatus

American-Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
 Bowser S. F. & Co., Ft. Wayne, Ind.
 Dodge Sales & Engineering Co. ("Eureka"), Mishawaka, Ind.
 Hammond Engineering Co. (Water, Sewages, etc), Warren, Pa.
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 International Filter Co., 38 S Dearborn, Chicago, Ill.
 New York Continental Jewell Filtration Co., 15 Broad, New York
 Norwood Engineering Co., Florence, Mass.
 Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
 Richmond Water Softener Co. ("Fetta" Hot or Cold Process), Richmond, Ind.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. ("Scalfe" & "We-Fu-Go" Systems), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
 Standard Water Systems Co. ("Tripure"), Hampton, N. J.

4727—Filters (Acetylene Gas)

Western Brass Mfg. Works, Marshall bl & W 21st, Chicago, Ill.

4728— Filters (Air)

Eclipse Air Brush Co., 79 Orange, Newark, N. J.

4729— Filters (Ale & Beer)

Kiefer Karl Machine Co., 919 Martin, Cincinnati, O.
 Loew Mfg. Co. ("Loew"), Cleveland, O.

4730-1— Filters (Bag)

American Felt Co., 100 Summer, Boston, Mass.
 Conklin H. R., Joplin, Mo.
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
 Deeley Robt. & Co., 29 B'way, New York
 Hauptman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
 Kilby Mfg. Co., Cleveland, O.
 Murphy John H., 643 Magazine, New Orleans, La.
 Squier Geo. L. Mfg. Co., Buffalo, N. Y.

4732—Filters (Carbon, For Gas Works)

Oliver Continuous Filter Co., 503 Market, San Francisco, Cal.

4733— Filters (Charcoal)

Griscom-Russell Co., 92 West, New York
See adv index at end of book
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 International Filter Co., 38 S Dearborn, Chicago, Ill.
 Loomis-Manning Filter Mfg. Co., 1421 So 37th, Phila., Pa.
 New York Continental Jewell Filtration Co., 15 Broad, New York
 Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO. (Combination Charcoal & Sand), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York.
See adv index at end of book
 Triumph Ice Machine Co., Oakley, Cincinnati, O.

4734— Filters (Clarifying)

Merrill Metallurgical Co. ("Merrill" Sluicing), 121 2d, San Francisco, Cal.

4735— *Filters (Concentrate)

Oliver Continuous Filter Co., Hooker & Lent bldg, San Francisco, Cal.

Filters (Cyanide)

See Filters, Slime

4736— Filters (Faucet)

Bohner Mfg. Co., 1009 S Wabash av, Chicago, Ill.
 Brass Goods Mfg. Co. ("I. C." Reversible Self-Cleaning), 533 Union, Brooklyn, N. Y.
 Champion Hardware Co. ("Champion," Germ Proof), Geneva, O.
 Haydenville Co., Haydenville, Mass.
 Houchin Thos. W. Co. ("Houchin," Reversible), 38 E 21st, New York
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 Jones Mfg. Co., 243 Franklin, Boston, Mass.
 Landers, Frary & Clark ("Crown"), New Britain, Conn.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
 Sternau S. & Co. (Reversible), 160 John, Brooklyn, N. Y.
 Union Filter & Novelty Co. ("Pur-o-tis"), 73 Franklin, New York

4737— Filters (Feed Water)

See also Water Softening & Purifying Plants

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
 American Steam Gauge & Valve Mfg. Co. ("American"), 208 Camden, Boston, Mass.
 American-Water Softener Co. ("American"), 10th & Chestnut, Phila., Pa.
 Baragwanath Wm. & Son, 1260 W Division, Chicago, Ill.
 Boston Steam Specialty Co., 332A, Boston, Mass.
 Dover Boiler Works, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
 Elliott Company, Pittsburgh, Pa.
 General Engineering Co., 717 S Front, Phila., Pa.
GRISCOM-RUSSELL CO. ("Reilly Multi-screen" Feed Water Filter & Grease Extractor), 92 West, New York
See adv index at end of book
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 International Filter Co., 38 S Dearborn, Chicago, Ill.
 Kennicott Co., Chicago Heights, Ill.
 Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
 New York Continental Jewell Filtration Co., 15 Broad, New York
 Norwood Engineering Co., Florence, Mass.
 Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
 Platt Iron Works Co., Dayton, O.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
 Ross Valve Mfg. Co. ("Railton-Campbell"), 9 Oakwood av, Troy, N. Y.
See adv index at end of book
SCAIFE WM. B. & SONS CO., First National Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book
 Standard Water Systems Co., Hampton, N. J.

4738— Filters (Gasoline)

American Oil Pump & Tank Co. ("American"), Cincinnati, O.
 Bowser S. F. & Co., Fort Wayne, Ind.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Tokheim Mfg. Co., Cedar Rapids, Ia.

4739—Filters (Gravity & Pressure)

Cummings Filter Co. (Pressure Only), 2701 Liberty av, Pittsburgh, Pa.
 Field Force Pump Co. ("Carter's" Pressure Only), Elmira, N. Y.
HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 International Filter Co., 38 S Dearborn, Chicago, Ill.
 Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
 Lynn-Superior Co., Cincinnati, O.
 New York Continental Jewell Filtration Co., 15 Broad, New York

Norwood Engineering Co., Florence, Mass.
 Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bk. bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

4740— Filters (Mash)

Freund H. H. ("S. B. & B."), 154 W 18th, New York

4741—Filters (Mechanical, Sugar)

Deeley Robt. & Co., 29 B'way, New York
 Dyer Co., Cleveland, O.
 Hassell Iron Works Co., Colorado Springs, Colo.
 Joubert & Goslin Mach. & Fdy. Co., Birmingham, Ala.
 Kilby Mfg. Co., Cleveland, O.
 Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.
 Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
 Perrin Wm R. & Co., Old Colony bldg, Chicago, Ill.
 Shriver T. & Co., Harrison, N. J.
 Stearns-Roger Mfg. Co., Denver, Colo.

4742— Filters (Oil)

Acton John ("Nelson"), 118 John, Brooklyn, N. Y.
 Akron Belting Co. ("Krotz"), Akron, O.
ANDERSON V. D. CO. ("Anderson"), W 96th, Cleveland, O.
See adv index at end of book
 Bayer Steam Soot Blower Co., St. Louis, Mo.
 Boston Steam Specialty Co. ("Fleur-de-Lis"), 332 A, Boston, Mass.
 Bousman Mfg. Co., Grand Rapids, Mich.
 Bowser S. F. & Co., Fort Wayne, Ind.
 Burke Furnace Co. ("Burke"), 223 W Austin av, Chicago, Ill.
 Burt Mfg. Co. ("Cross," "Warden," "American," "Burt"), 40 Main, Akron, O.
 Canton Grate Co. ("Canton"), Canton, O.
 Capitol Brass Works, Detroit, Mich.
 Chesterton A. W. Co. ("Chesterton") 64 India, Boston, Mass.
 Collins Mfg. Co., Ltd. ("Dixie" Automatic Oiling System), 612 Chestnut, Phila., Pa.
 Columbiana Boiler Co., Columbiana, O.
 Day Co. ("Bryant" Automatic), 38 S 12th, Minneapolis, Minn.
 Elliott Co. ("Liberty"), Pittsburgh, Pa.
 Flower Walter L. Co. ("Acme"), 307 S 8th, St. Louis, Mo.
 Gallaway G. W. ("Economy"), 322 Pearl New York
GODFREY-KEELER CO., 70 Warren, New York
See adv index at end of book
 Hall Mfg. Co. ("Hall," "Bartow Duplex," for Waste Oil), Harrison, N. J.
 Handlan-Buck Mfg. Co. ("Superior"), 210-14 N 3rd, St. Louis, Mo.
 Houghton E. F. & Co. (The "Houghton"), 240 W Somerset, Phila., Pa.
 Jarecki Mfg. Co. (Automatic Pressure), Erie, Pa.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Kraft A. C., 323 W Lake, Chicago, Ill.
 National Separator & Machine Co. (Combined Separator & Filter), Concord, N. H.
 National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
 Northrop Lubricating Oil Co. ("Famous"), 308 N Commercial av, St. Louis, Mo.



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.

See adv index at end of book

Nusbaum F. A. ("Columbus"), 219 Ruffner, Lockland, O.
OIL & WASTE SAVING MACHINE CO. (Turbine Centrifugal), Real Estate Trust bldg, Phila., Pa.
 Pittsburgh Gage & Supply Co. ("White Star"), 30th & Liberty av, Pittsburgh, Pa.
 Pittsburgh Sheet Metal Co., S 20th & Wharton, Pittsburgh, Pa.
 Richardson-Phenix Co. ("Richardson," "Phenix," "Peterson" Power Plant & Small Hand), 122 Reservoir av, Milwaukee, Wis.

Sexton Can Co. ("Sexton's" Improved), 228 Franklin, Boston, Mass.
 Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.
 Turner Oil Filter Co. ("Turner"), Niles, Mich.
 Wieben John Co., 2051 Lexington av, New York
 Wisconsin Foundry & Machine Co. ("Badger"), Madison, Wis.
 Wright Mfg. Co., 97 Woodbridge, W Detroit, Mich.

Filters (Oil, from Metal Chips)

See Separators, Centrifugal

4743— Filters (Oil Refiners')

HAMMOND IRON WORKS, Warren, Pa.
See adv index at end of book
 Struthers-Wells Co., Warren, Pa.
See adv index at end of book

Filters (Pressure)

See Filters, Gravity & Pressure

4744— Filters (Rain Water)

Corrugated Metal Co., Emporia, Kans.
 Lee Thos Co. (Strainers for Rain Water), 129 W 2d, Cincinnati, O.

4744a— *Filters (Salt)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

4745— Filters (Sand)

American-Water Softener Co., 10th & Chestnut, Phila., Pa.
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 International Filter Co., 38 S Dearborn, Chicago, Ill.
 Kilby Mfg. Co., Cleveland, O.
 Loomis-Manning Filter Mfg. Co., 1421 S 37th, Phila., Pa.
 New York Continental Jewell Filtration Co., 15 Broad, New York
 Norwood Engineering Co., Florence, Mass.
 Pittsburgh Filter Mfg. Co., Farmers' Bk. bldg, Pittsburgh, Pa.
 Remmers B. & Sons (Automatic, for Sugar, Glucose & Chemical Liquors, etc.), 1227 Germantown, Philadelphia, Pa.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

4746— Filters (Slime)

Chalmers-Williams Mfg. Co. ("Burt" Rapid & Revolving Cyanide Filters), 1461 Arnold, Chicago Heights, Ill.
 Colorado Iron Works Co. ("Portland"), Denver, Colo.
 General Filtration Co., Rochester, N. Y.
 Hammond Iron Works, Warren, Pa.
See adv index at end of book
 Kelly Filter Press Co. ("Kelly"), Salt Lake City, Utah
 Merrill Metallurgical Co. ("Merrill" Automatic Sluicing Pressure), 121 2d, San Francisco, Cal.
 Moore Filter Co. ("Moore," Displacement Process), 43 Exchange pl, New York
 Oliver Continuous Filter Co., 503 Market, San Francisco, Cal.
 Taylor Fdry & Engng. Co. (Vacuum), Grass Valley, Cal.

4747— Filters (Tea & Coffee)

Hamblin & Russell Mfg. Co. ("Triumph"), Worcester, Mass.

4748— Filters (Tripoli)

Federal Filter Co. ("National"), 1364 Grand av, Chicago, Ill.
 Hygeia Filter Co., 338 Denton, Detroit, Mich.
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.
SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York
See adv index at end of book

Filters (Vacuum)

See Filters, Slime

Filters (Waste Oil)

See Filters, Oil

4749—Filters (Water)

See also Filters, Feed Water

Advance Mfg. Co., Erie, Pa.
 Allen Filter Co., Toledo, O.
 American Filter Co. ("Noxall"), 665 Buf-
 fum, Milwaukee, Wis.
 American Sterilizer Co., Erie, Pa.
 American-Water Softener Co., 10th &
 Chestnut, Phila., Pa.
 Atlantic Filter Co. ("Paddock"), Marine
 Nat'l Bank bldg, Buffalo, N. Y.
 Berkefeld Filter Co. (A. Giesse), 4 Cedar,
 New York
 Bishop-Babcock-Becker Co. ("Eureka"),
 Cleveland, Ohio
 Booth L. M. Co., 56 Hudson, Jersey City,
 N. J.
 Boston Filter Co. ("Boston" Water Puri-
 fier), Chelsea, Mass.
 Buffalo Mfg. Co., Buffalo, N. Y.
 Buhring Water Purifying Co., 68 Murray,
 New York
 Butler Mfg. Co., Kansas City, Mo.
 Centadrink Filters Co., 1440 B'way, New
 York
 Champion Hardware Co. ("Champion"
 Germ Proof), Geneva, O.
 Cleveland Stamping & Tool Co. (En-
 ameled), Hamilton av & 53d, Cleve-
 land, O.
 Consolidated Filters Co., 136 W 65th, New
 York
 Cummings Filter Co. (Bone Black Only),
 2701 Liberty av, Pittsburgh, Pa.
 Everson Filter Co., 70 W Lake, Chicago,
 Ill.
 Federal Filter Co. ("National"), 1364
 Grand av, Chicago, Ill.
 Field David W., Builders' Exchange,
 Phila., Pa.
 Fulper Pottery Co. (Portable Natural
 Stone, Germ Proof), Flemington, N. J.
 General Engineering Co., 717 S Front,
 Phila., Pa.

Griscom-Russell Co. ("Reilly" Aerating
 Charcoal), 92 West, New York
See adv index at end of book
 Hungerford & Terry (Inc.) (Hungerford"
 Filters for Mills), Penna. bldg, Phila.,
 Pa.
 Hygeia Filter Co., 338 Denton, Detroit,
 Mich.
 International Filter Co., 38 S Dearborn,
 Chicago, Ill.
 Jewell Engineering Co. (Turbine Wash,
 "Quartz"), Monadnock blk, Chicago,
 Ill.
 Jones Mfg. Co. ("Gem," "Hub," "Mod-
 ern," "Mystic"), 243 Franklin, Bos-
 ton, Mass.
 Joslyn Filter Co., 63 5th av, New York
 Knoble Filter Co., 1587 Clybourn av, Chi-
 cago, Ill.
 Koven L. O. & Bro., 154 Ogden av, Jersey
 City, N. J.
 Loomis-Manning Filter Mfg. Co. ("Balti-
 more," "Federal," "Manhattan"), 1421
 S 37th, Phila., Pa.
 Lynn-Superior Co. (Quartz Filters), 3250
 Spring Grove av, Cincinnati, O.
 Moore & White Co. ("Fullner" for Paper
 & Pulp Mills), N 15th & Lehigh av,
 Phila., Pa.
 National Separator & Machine Co., Con-
 cord, N. H.
 New York Continental Jewell Filtration
 Co., 15 Broad, New York
 Norwood Engineering Co. (Filters for
 Houses, Mills & Cities), Florence,
 Mass.
 Pittsburgh Filter Mfg. Co., Farmers' Bk.
 bldg, Pittsburgh, Pa.
 Progressive Iron Foundry & Machine Co.
 ("Purity"), Haydenville, Mass.
 Rapid Safety Filter Co., 92 Pine, New
 York
 Roberts Filter Mfg. Co. (For Every Pur-
 pose), 6th & Columbus av, Darby,
 Phila., Pa.
SCAIFE WM. B. & SONS CO. (For Dwell-
 ings, Hotels, Hospitals, etc.), First
 National Bank bldg, Pittsburgh, Pa.,
 & 26 Cortlandt, New York
See adv index at end of book

Union Filter & Novelty Co. ("Disc Felt
 Neptune"), 73 Franklin, New York
 United Filters Co., Salt Lake City, Utah
 Van Valkenburg L. D. ("Van Valken-
 burg's"), Holyoke, Mass.
 Watson N. A., Erie, Pa.
 Welsh Wm. ("Star"), 2733 Arbor av, Hyde
 Pk., Cincinnati, O.
 Wetherill R. & Co. (For Water Works),
 Chester, Pa.

4750—Filters (Water, Portable)

Aquapura Filter Mfg. Co., St. Louis, Mo.
 Buffalo Mfg. Co., Buffalo, N. Y.
 Deane E. L. Machine Co. ("Wilson"
 House), Holyoke, Mass.
 Hygeia Filter Co., 338 Denton, Detroit,
 Mich.
 International Filter Co., 38 S Dearborn,
 Chicago, Ill.
 Linke T. ("Acorn," "Advance," Stone Tub
 Pressure), 235 W 46th, New York

Filters (Water, Small for Faucet)

See Filters, Faucet

4751—Filters (Wine, Whiskey, Etc.)

U. S. Bottlers' Machinery Co. (Drum Mul-
 tiple Disc), 1033 W Lake, Chicago,
 Ill.

4752—Finders (Center)

Goodell-Pratt Co., Greenfield, Mass.
 Toledo Pipe Threading Machine Co. ("To-
 ledo" for Plumbers & Steam Fitters),
 1440 Summit, Toledo, O.
 West Haven Mfg. Co. ("Sure"), West
 Haven, Conn.

4753—Finders (Trouble)

American Electric Co. ("Sonoscope"), 6401
 S State, Chicago, Ill.
 Baylis Co. (Locophone), Bloomfield, N. J.
 Boston Talking Machine Co. (For Detect-
 ing Innermost Troubles in Engines,
 Machy., etc.), Cambridge, Mass.
 Pilling G. P. & Son Co. ("Phonedoscope"),
 23d & Arch, Phila., Pa.

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New York Office, 26 Cortlandt St.

4754—Finger Cots (Rubber)

Canton Rubber Co., Canton, O.
 Davidson Rubber Co., Boston, Mass.
 Davol Rubber Co., 69 Point, Providence, R. I.
 Faultless Rubber Co., Ashland, O.
 Goodrich B. F. Co., Akron, O.
 Miller Rubber Co., Akron, O.
 Parker-Stearns & Co. (Pure Para), 286 Sheffield av., Brooklyn, N. Y.
 Realty Rubber Co., Massillon, O.
 Rubber Products Co., Barberton, O.
 Seamless Rubber Co., New Haven, Conn.
 Tyer Rubber Co., Andover, Mass.

4754a—Finger Rests

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

4755—Fingers (Controller)

Eureka Co., North East, Pa.

4756—Finish (Caen Stone)

United States Gypsum Co., 205 W. Monroe, Chicago, Ill.

Finish (Hard Oil)

See Hard Oil Finish

4757—Fire Brick (Ground)

Gautier J. H. Co., Greene, Jersey City, N. J.
 Utica Fire Brick & Clay Co., Utica, Ill.

4758—Fire Clay

Acme Fire Clay Works (Flake & Dust), New Cumberland, W. Va.
 American Fire Brick Co. (Ground), Spokane, Wash.
 American Fire Clay Co., Am. Trust bldg, Cleveland, O.
 Ayers Mineral Co., Zanesville, O.
 Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
 Baltimore Terra Cotta Works (Ground & in Bulk), 1300 Covington, Baltimore, Md.
 Bannon P. Pipe Co. (Ground), Louisville, Ky.
 Berry James E., Woodbridge, N. J.
 Bickford Fire Brick Co. (In Bulk or Sacks), Curwensville, Pa.
 Big Savage Fire Brick Co. (Ground & Screened), Frostburg, Md.
 Borgner Cyrus Co., 234 N 23d, Phila., Pa.
 Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
 Buckeye Fireclay Co. (Ground, etc.), Uhrichsville, O.
 Cannelton Sewer Pipe Co. (Ground in Bags), Cannelton, Ind.
 Carnegie Brick & Pottery Co., Rialto bldg, San Francisco, Cal.
 Chambers A. Reeder (Pulv.), Trenton, N. J.
 Chicago Retort & Fire Brick Co., 208 S La Salle, Chicago, Ill.
 Clark N. & Sons, 112 Natoma, San Francisco, Cal.
 Denny-Renton Clay & Coal Co., Seattle, Wash.
 Diamond Fire Brick Co. (Ground), Canon City, Colo.
 Didier-March Co., Perth Amboy, N. J.
 Dover Fire Brick Co., Cuyahoga bldg, Cleveland, O.
 Eastern Clay Goods Co., 141 Milk, Boston, Mass.
 Edgar Bros. Co., Metuchen, N. J.
 Excelsior Ball Clay Co., Cincinnati, O.
 Excelsior Fire Clay Co., Lisbon, O.
 Farber Clay & Mining Co., Farber, Mo.
 Federal Clay Product Co., Mineral City, O.
 Fiske & Co., 25 Arch, Boston, Mass.
 Fuerst Bros. & Co., 2 Stone, New York
 Funsten Clay Products Co., 55 New Montgomery, San Francisco, Cal.
 Garfield Fire Clay Co., Robinson, Pa.
 Gautier J. H. Co., Greene, Jersey City, N. J.
 Gill Clay Pot Co., Muncie, Ind.
 Good Geo. S. Fire Brick Co., Patton, Pa.
 Greenpoint Fire Brick Co., 111 Clay, Brooklyn, N. Y.
 Harbison-Walker Refractories Co. (For all Purposes), Farmers' Bank bldg, Pittsburgh, Pa.
 Highlands Fire Clay Co., Mackind & Berthold av., St. Louis, Mo.
 Humphreys E. C. Co., Book bldg, Detroit, Mich.
 Illinois Clay Products Co., Oglesby, Ill.
 Illinois Kaolin Co., Anna, Ill.

Interstate Fire Clay Co., Citizens bldg, Cleveland, O.
 Kiamensi Clay Co. (Also Ground Clay), Newport, Del.
 Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.
 La Clede-Christy Clay Products Co., Manchester & Sulphur avs., St. Louis, Mo.
 Leisen John H., Woodbridge, N. J.
 McCormick J. S. Co. (Welsh Mountain), 25th & A. V. R. R., Pittsburgh, Pa.
 McHose L. H., Perth Amboy, N. J.
 McLeod & Henry Co. (Back Combustion Chamber Arch), 360 1st, Troy, N. Y.
 Mack Mfg. Co., Lincoln bldg, Phila., Pa.
 Manown Mfg. Co. (Ground), Oliver bldg, Pittsburgh, Pa.
 Massillon Stone & Fire Brick Co., Massillon, O.
 Maurer Henry & Son (Ground & in Bulk), 420 E 23d, New York
 Missouri Fire Brick Co., 411 Olive, St. Louis, Mo.
 Mutton Hollow Fire Brick Co. (Ground), Woodbridge, N. J.
 National Sales Co., 31 E 13th, Cincinnati, Ohio
 Negley Clay Co., Negley, O.
 Nelsonville Brick Co. (Ground), Nelsonville, O.
 Ohio Fire Brick Co., Oak Hill, O.
 Osceola Silica & Fire Brick Co., Osceola Mills, Pa.
 Ostrander Fire Brick Co., Troy, N. Y.
 Peekskill Fire Brick Works, Peekskill, N. Y.
 Penna Fire Brick Co., Beech Creek, Pa.
 Phila. Fire Brick Works, 2306 Vine, Phila., Pa.
 Presbrey Stove Lining Co., Taunton, Mass.
 Products Development Co., Sharon bldg, San Francisco, Cal.
 Raritan Ridge Clay Co., Metuchen, N. J.
 Reeve, Augustus, Camden, N. J.
 Robinson Clay Product Co. (Ground), Akron, O.
 Rockcastle Cement & Lime Co., Munsey bldg, Baltimore, Md.
 Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.
 Smith A. F. Co., New Brighton, Pa.
 Southern Fire Brick & Clay Co., 133 W Washington, Chicago, Ill. Works: Mt. Silica, Ind.
 Springfield Facing Co., Springfield, Mass.
 Standard Firebrick Co., Diamond Bank bldg, Pittsburgh, Pa.
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.
 Stevens H. Sons Co. (Milled), Macon, Ga.
 Stratton Fire Clay Co., Empire, O.
 Thomas Moulding Brick Co., 133 W Washington, Chicago, Ill.
See adv index at end of book
 Uhl Pottery Co. (Ground), Evansville, Ind.
 Union Mining Co., Mount Savage, Md.
 Utica Fire Brick & Clay Co. ("Utica" Ground & Crude Steel Fire Clay), Utica, Ill.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Washington Brick, Lime & Sewer Pipe Co. (Milled & Screened), Spokane, Wash.
 West Virginia Fire Clay Mfg. Co. (Ground Flaked or Dust, etc.), Diamond Bank bldg, Pittsburgh, Pa.
 Whitehead Bros. Co., 537 W 27th, New York
 Winslow & Co., Portland, Me.

Fire Department Supplies

Consult Index of Contents for the Particular Article Required; See also Mill & Factory Supplies

4759—Fire Door Fittings (Automatic)

Allith-Prouty Co. ("Allith" & Prouty), Danville, Ill.
 Aurora Door Hanger & Specialty Co., Aurora, Ill.
 Brewer Bros. Co. (Ralls, Brackets, etc.), 621 Filbert, Phila., Pa.
 California Fire Proof Door Co. ("Wilcox"), Los Angeles, Cal.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
 Dentler Bagger Co., Vicksburg, Mich.
 Keystone Fire Door Co. ("Standard"), 1231 Irwin av., Pittsburgh, Pa.
 Lane Bros. Co., Poughkeepsie, N. Y.
 McCabe Hanger Mfg. Co., 425 W 25th, New York

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Newhall Henry B., 89 West, New York
 Peters Jas. & Son, 1934 N Front, Phila., Pa.
 Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.
 Richmond Safety Gate Co., Richmond, Ind.
 Shields J. H., 231-33 Sycamore, Cincinnati, O.
 Stowell Co. The, S Milwaukee, Wis.
 Victor Mfg. Co. ("Victor" Heat Releasing Devices), Newburyport, Mass.

Fire Doors (Automatic)

See Doors, Elevator, Automatic, Fire; also Doors, Fire, Tin Clad & Sheet Metal

4760—Fire Engines (Chemical)

Ajax Fire Engine Works, Bush Terminal, Brooklyn, N. Y.
 American Fire Apparatus Co., 30 E 42d, New York
 American-La France Fire Engine Co., Elmira, N. Y.
 Anderson Coupling & Fire Supply Co., Kansas City, Kan.
 Badger Fire Extinguisher Co. (40 Gallon on Wheels), 34 Portland, Boston, Mass.
 Boyd James & Bro. ("Boyd," "Champion," "Halloway," "Kanawha"), 25th & Wharton, Phila., Pa.
 Childs O. J. Co. ("Utica" Copper Tank), Utica, N. Y.
 Hayward S. F. & Co. 250 W 54th, New York
 Knight & Thomas ("Protector"), 212 Summer, Boston, Mass.
 Martin Carriage Works (Motor Driven), York, Pa.
 National Metal Stamping & Mfg. Co. ("Accurate"), 494 Mulberry, Newark, N. J.
 Northern Fire Apparatus Co. ("Northern"), 2422 Univ. av, S E Minneapolis, Minn.
 Obenchain-Boyer Co., Logansport, Ind.
 Pirsch Peter & Co. (Hand & Drawn), Kenosha, Wis.
 Prospect Mfg. Co. ("Deluge" Hand), Prospect, O.
 Rex-Harris Fire Appliance Co., 36 E 19th, New York
 Seagrave Co., Columbus, O.
 Stempel Fire Extinguisher Mfg. Co., 4268 N 20th, St. Louis, Mo.
 Weller Samuel A., Zanesville, O.

4761—Fire Engines (Gasoline)

See Fire Engines, Motor.

4762—Fire Engines (Hand)

American-La France Fire Engine Co., Elmira, N. Y.
 Anderson Coupling & Fire Supply Co., Kansas City, Kan.
 Badger Fire Extinguisher Co. (Chemical), 34 Portland, Boston, Mass.
 Howe Engine Co., Indianapolis, Ind.
 Knight & Thomas ("Protector"), 212 Summer, Boston, Mass.
 Northern Fire Apparatus Co. ("Chemical"), 2422 Univ. av S. E., Minneapolis, Minn.
 Prospect Mfg. Co. ("Deluge"), Prospect, O.

4763—Fire Engines (Motor)

Ahrens-Fox Fire Engine Co. ("Ahrens-Fox"), Cincinnati, O.
 American-La France Fire Engine Co., Elmira, N. Y.
 American & British Mfg. Co. ("A. & B."), Charles, Providence, R. I.
 Anderson Coupling & Fire Supply Co., Kansas City, Kan.
 Atterbury Motor Car Co., Buffalo, N. Y.
 Autocar Co., Ardmore, Pa.
 Couple Gear Freight Wheel Co., Grand Rapids, Mich.
 Empire Art Metal Co., Inc. (Underwriters' Standard Tin Covered), College Point, L. I., N. Y.
 Federal Motor Truck Co., Leavitt & Campbell avs, Detroit, Mich.
 Four-Wheel Drive Auto Co., Clintonville, Wis.
 Front Drive Motor Co., Hoboken, N. J.
 Harder Auto Truck Co., 149 W 62nd, Chicago, Ill.
 Howe Engine Co., Indianapolis, Ind.
 International Motor Co. ("Mack," "Saurer," "Hewitt"), 252 W. 64th, New York

Kissel Motor Car Co., Hartford, Wis.
 Lange Motor Truck Co., 145 S St. Claire,
 Pittsburgh, Pa.
 Lippard-Stewart Motor Car Co., Buffalo,
 N. Y.
 Luitwieler Pumping Engine Co. ("Luit-
 wieler" Motor), Rochester, N. Y.
 Mals Motor Truck Co., Indianapolis, Ind.
 Martin Carriage Works, York, Pa.
 Northern Fire Apparatus Co. ("North-
 ern"), 2422 Univ. av, S E, Minne-
 apolis, Minn.
 Nott Fire Engine Co., 1624 Central av,
 Minneapolis, Minn.
 Peerless Motor Car Co., Quincy av & E
 93d, Cleveland, O.
 Pirsch Peter & Co., Kenosha, Wis.
 Pope Mfg. Co. ("Pope-Hartford"), Hart-
 ford, Conn.
 Robinson Fire Apparatus Mfg. Co., 4268
 N 20th, St. Louis, Mo.
 Seagrave Co., Columbus, O.
 U. S. Fire Apparatus Co., 11th & Church,
 Wilmington, Del.
 Velie Motor Vehicle Co., Moline, Ill.
 Waterous Engine Works Co., 62 S Robert,
 St. Paul, Minn.
 Westinghouse Co. ("Westinghouse"), Sche-
 nectady, N. Y.

4764—Fire Engines (Steam)

Ahrens-Fox Fire Engine Co. ("Continen-
 tal"), Cincinnati, O.
 American-La France Fire Engine Co.
 (Also Hand), Elmira, N. Y.
 Nott Fire Engine Co., 1624 Central av,
 Minneapolis, Minn.

4765—Fire Escapes

See also Iron, Architectural & Ornamen-
 tal; also classifications following this
 heading

CAMERON ENGINEERING CO., East
 Stroudsburg, Pa.
See adv index at end of book

CHICAGO BRIDGE & IRON WORKS,
 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book

Halsted Joseph Co., 1233 W Randolph,
 Chicago, Ill.

HANKE IRON & WIRE WORKS, 800 N
 Albany av, Chicago, Ill.
See adv index at end of book

LEAKE A. G. ERECTING CO., Bridge-
 port, Conn.
See adv index at end of book

MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book

PITTSBURGH-DES MOINES STEEL CO.,
 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

Remppis Wm. F. Co., 226 Spruce, Read-
 ing, Pa.

Rieseck Iron Works, 1201 Metropolitan,
 N S, Pittsburgh, Pa.

SMITH F. P. WIRE & IRON WORKS,
 Lake & Dearborn, Chicago, Ill.
See adv index at end of book

See adv index at end of book

4766—Fire Escapes (Automatic)

Davy Automatic Fire Escape Co., Union
 bldg, Syracuse, N. Y.

Hayward S. F. & Co. ("Mumford"), 250
 W 54th, New York

Omaha Safe & Iron Works, Omaha, Neb.

Potts Mfg. Co., Mechanicsburg, Pa.

Rex-Harris Fire Appliance Co., 36 E
 19th New York

Roanoke Iron Works, Roanoke, Va.

4767—Fire Escapes (Chute)

Bielhen Foundry & Machine Works, St.
 Joseph, Mo.

4768—Fire Escapes (Counterbal- ance)

Bielhen Foundry & Machine Works, St.
 Joseph, Mo.

Duluth Corrugating & Roofing Co., Duluth,
 Minn.

Halsted Joseph Co., 1233 W Randolph,
 Chicago, Ill.

Lucas A. & Sons, 1329 S Washington,
 Peoria, Ill.

Omaha Safe & Iron Works, Omaha, Neb.

Potts Mfg. Co., Mechanicsburg, Pa.

Progressive Structural Steel Co., Buffalo,
 N. Y.

Roanoke Iron Works, Roanoke, Va.

SMITH F. P. WIRE & IRON WORKS,
 Lake & Dearborn, Chicago, Ill.
See adv index at end of book

U. S. Fire Escape Counterbalance Co., 177
 W Washington, Chicago, Ill.

4769—Fire Escapes (Portable)

American Fire Apparatus Co. (Chain Lad-
 ders), 30 E 42d, New York

Hamblin & Russell Mfg. Co. ("Lode-
 wick's" Steel, Non-Combustible), Wor-
 cester, Mass.

Hayward S. F. & Co. ("Wilson"), 250 W
 54th, New York

McArthur Portable Fire Escape Co. ("Mc-
 Arthur"), Cleveland, O.

Neal B. B. Hardware Co. ("Life Saving"),
 117 Leonard, New York

See adv index at end of book

4770—Fire Escapes (Rope)

Rex-Harris Fire Appliance Co. (Wire
 Rope), 36 E 19th, New York

Rope Fire Escape Co., 1602 Market,
 Phila., Pa.

Whitner Two Rope Safety Co., 133 W
 Washington, Chicago, Ill.

See adv index at end of book

4771—Fire Escapes (Spiral)

Alvey-Ferguson Co., 70-90 North av, Oak-
 ley, Cincinnati, O.

Bielhen Foundry & Machine Works, St.
 Joseph, Mo.

Burr Co., Champaign, Ill.

Chattanooga Roofing & Fdry. Co., Chat-
 tanooga, Tenn.

Dow Wire & Iron Works ("Kirker-Bend-
 er"), Louisville, Ky.

Duluth Corrugating & Roofing Co., Duluth,
 Minn.

Kleeman L. F. Mfg. Co., 1923 Central,
 Kansas City, Mo.

Loewer John E., Structural Steel Wire &
 Iron Works, Kansas City, Mo.

Lucas A. & Sons, 1329 S Washington,
 Peoria, Ill.

Meier-Wiese Co., Ft. Wayne, Ind.

Norfolk Iron & Wire Works, Inc., Nor-
 folk, Va.

Richmond Structural Steel Co. (Cast
 Iron), Richmond, Va.

Roanoke Iron Works, Roanoke, Va.

Wisconsin Iron & Wire Works, Milwaukee,
 Wis.

4772—*Fire Escapes (Stairway)

CHICAGO BRIDGE & IRON WORKS,
 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book

HANKE IRON & WIRE WORKS
 ("Hanke"), 800 N Albany av, Chi-
 cago, Ill. *See adv index at end of book*

PITTSBURGH-DES MOINES STEEL
CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

ST. PAUL FOUNDRY CO., Como av &
 Mackubin, St. Paul, Minn.
See adv index at end of book

SMITH F. P. WIRE & IRON WORKS,
 Lake & Dearborn, Chicago, Ill.
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KANSAS.

KANSAS CITY—Anderson Coupling & Fire
 Supply Co.

MASSACHUSETTS.

BOSTON—Badger Fire Extinguisher Co.,
 34 Portland

Barnes Henry K. Co. ("Fire King"
 Chemical), 234 Devonshire

Callahan Cornelius Co., 127 Purchase

Knight & Thoomas ("Underwriters,"
 "Railway & Marine," "Safe
 Guard," "Vulcan," "Home Guard,"
 "Fire Warden"), 212 Summer

Standard Extinguisher Co., 24 Binford

LAWRENCE—Kress O. F. & Son

MINNESOTA.

MINNEAPOLIS—Northern Fire Appa-
 ratus Co. ("Atlas," "Northern"),
 2422 Univ. av, S E

MISSOURI.

KANSAS CITY—Prier Brass Mfg. Co.

ST. LOUIS—Missouri Lamp & Mfg. Co.
 ("Acme," "Royal," "Phoenix,"
 "Missouri," "U. S.," "Rex"), 114
 Elm

St. Gemme Frank Fire Apparatus Co.

Stempel Fire Extinguisher Mfg. Co.,
 4268 N 20th

NEW JERSEY.

NEWARK—National Metal Stamping &
 Mfg. Co. ("Accurate," also "Mar-
 ten" for Automobiles & Motor
 Boats, etc), 494 Mulberry

Roe & Conover, 206 Frelinghuysen av
See adv index at end of book

TRENTON—Hunt Jas. B. Mfg. Co.

NEW YORK.

BUFFALO—Buffalo Chemical Fire Extin-
 guisher Co., 67 Carroll

Dusing & Hunt, 386 Michigan av

Ever Ready Mfg. Co., 42 Pearl

Western Inspection Co.

ELMIRA—American-La France Fire En-
 gine Co. ("Salvage," "Patrol")

NEW YORK CITY.

Boroughs of Manhattan and Bronx.

NEW YORK—American Fire Apparatus
 Co., 30 E 42d

Badger Fire Extinguisher Co., 123 Wil-
 liam

Columbia Fire Extinguisher Co., 174
 Centre

Coston Signal Co., 24 Water

Electrene Co., 17 Battery pl

Fyricide Mfg. Co., 124 W. 80th

Hayward S. F. & Co. ("Babcock,"
 "Patrol," "Champion," "Liquid
 Seal" & "Rescue," Chemical; also
 Hand Grenades), 250 W 54th

Kahnweiler's David Sons ("Simplex"),
 260 Front

Minwax Co. (Chemical), 18 E 41st

Pyrene Mfg. Co. ("Pyrene"), 52 Van-
 derbilt av

Rapid Safety Fire Exting. Co., 92
 Pine

Relc Extinguisher Corp. of America,
 120 B'way

Rex-Harris Fire Appliance Co., 36 E
 19th

Safety Fire Extinguisher Co. ("Quick-
 Out"), 291 7th av

Simmons John Co., 110 Centre

UTICA—Childs O. J. Co. ("Child's," "Uti-
 ca," Hand, etc.)

OHIO.

CINCINNATI—Harker Mfg. Co. ("Queen,"
 "Safety First" Chemical, also Dry
 Powder), 410 Pearl

Thompson Walter M., 1427 Plum

COLUMBUS—Nu-Ex Fire Extinguisher Co.

DAYTON—Fyr-Fyter Co.

Larkin Mfg. Co. ("Larkin")

MARIETTA—Northwestern Chemical Co.
 ("Fire Fly" Dry Powder)

CALIFORNIA.

SAN FRANCISCO—Badger Fire Extin-
 guisher Co., 507 Montgomery

Goodyear Rubber Co., 589 Market

Gorham Fire Apparatus Co., 127 Mis-
 sion.

Pacific Fire Extinguisher Co., 507
 Montgomery

Western Fire Appliance Co., 323 Geary

ILLINOIS.

CHICAGO—Chicago Fire Apparatus Co.
 ("Chicago" Hand Pump), 208 N
 Fifth av

Diener Geo. W. Mfg. Co. (Chemicals),
 400 Monticello av

Justrite Mfg. Co. ("Justrite"), 2061
 Southport av

McMorrin Edw. E. & Co., 126 N Union

Miller Chemical Engine Co., 222 W
 Huron

Niagara Fire Extinguisher Co., 209 S
 La Salle

Treadwell M. H. Co. of Ill. ("Erwin"),
 208 S La Salle

INDIANA.

BUTLER—Craun Bros.

RAYS CROSSING—Gordon Orville E.
 ("Gordon")

PENNSYLVANIA.

PHILADELPHIA—Boyd Jas. & Bro. ("Keystone" & "Paragon"), 25th & Wharton

Clay Jno. H., 1320 Ridge av
National Inspection Co. ("Bradford"), 25th & Wharton

Snyder M. L. & Son ("Arrow," "Pan American," "Electric," "Standard"), 311 Market

PITTSBURGH—Colonial Supply Co., 414 1st av

Johns H. W.—Manville Co., 951 Liberty

Pittsburgh Lamp, Brass & Glass Co. ("Pilabrasco"), 130 7th

WASHINGTON.

SPOKANE—Pacific Fire Extinguisher Co.

WISCONSIN.

MILWAUKEE—Badger Chemical Mfg. Co. ("Mitchell" Dry Powder, "Wisconsin," "Auto" Liquid Chemical), 143 Reed

RACINE—Racine Iron & Wire Works (Chemical)

4774—Fire Extinguishers (Steam)

See also Sprinklers, Automatic Fire

Nathan Mfg. Co. (For Locomotives, etc), 416 E 106th, New York

4775—*Fire Gilt & Fire Enameling

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. See adv index at end of book

4776—Fire Hose Shut Off

Pirsch Peter & Co ("Pirsch"), Kenosha, Wis.

Rowell D. G. ("Samson" Automatic), Appleton, Wis.

4777—Fire-Place Furnishings Mfrs.

See also Andirons, Fenders & Grates

Bassill Louis Co. (Brass Andirons, Fenders, etc), 100 Utica, Boston, Mass.

Biddle-Gaumer Co. (Wrought Iron), 3846 Lancaster av, Phila., Pa.

Boston Brass Andiron Co. (Andirons, Fire Sets & Fenders), 104 Utica, Boston, Mass.

Bradley & Hubbard Mfg. Co. (Andirons, Fenders, Fire Sets, etc), Meriden, Conn.

Bridgeford & Co. (Fancy Grates & Furnishings), Louisville, Ky.

Chattanooga Roofing & Mfg. Co. ("Cahill" Grates & Fixtures), Chattanooga, Tenn.

Colonial Fire Place Co., 4611 W. 12th, Chicago, Ill.

Dawson Bros., 523 N Halsted, Chicago, Ill.
Dighton Foundry Co. (Grates & Iron, etc), Taunton, Mass.

Eisenberg M. & Son, 165 Grand, New York
Elm City Brass & Rivet Co. (Brass), Plainville, Conn.

Fanner Mfg. Co. ("Arctic," Fire Sets, Fire Dogs, Grates, etc), Cleveland, O.

Graf Frank H. Mfg. Co. (Brass, Bronze & Black Iron), 322 7th av, New York

Howes S. M. Co. (Fire Sets, Basket Grates, Fireplace Screens, etc), 42 Union, Boston, Mass.

JACKSON EDWIN A. & BRO., INC. (Andirons, Fenders, etc), 50 Beekman, New York See adv index at end of book

Jackson Wm. H. Company (Fire Screens, Fenders, Fire Sets, etc, Brass & Iron), 2 W 47th, New York

Jackson's Mantel & Grate Works, 2 W 33rd, New York

Janusch Mfg. Co. (Brass, Bronze, etc), 496 E 134th, New York

Jardine Walter S. & Sons Co. (Iron Lining), 85 Haverhill, Boston, Mass.

Lodge Mfg. Co. (Andirons, etc), South Pittsburgh, Tenn.

McKenny & Waterbury Co. (Andirons, Fenders, Fire Sets, etc), 181 Franklin, Boston, Mass.

Manhattan Brass Co. (Brass), 333 E 26th, New York

Meyers Fred. J. Mfg. Co., Hamilton, O.

See adv index at end of book

Ohio Foundry & Mfg. Co. (Grates, etc), Steubenville, O.

Peck, Stow & Wilcox Co. (Brass, etc), Southington, Conn.

Peerless Mfg. Co. (Grates, Fire Seats, etc), Louisville, Ky.

Rostand Mfg. Co. (Full Line "Rostand"), Milford, Conn.

Sharpless & Watts Co., 1520 Sansom, Phila., Pa.

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Smith John P. & Co. (Screens, etc), New Haven, Conn.

Stover Mfg. Co. (Screens), Freeport, Ill.

Syracuse Wire Works (Spark Guards), Syracuse, N. Y.

Tiffany Studios, 361 Madison av, New York
Waterbury Brass Goods Corporation (Brass), Waterbury, Conn.

WRIGHT WIRE CO. (Ornamental Wire Fenders & Spark Guards), Worcester, Mass. See adv index at end of book

Fire Pots

See Pots, Fire

4778—Fire-Proof Constructors

See also Concrete Steel Construction, Reinforced

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.

Almion Engineering & Contracting Co., 27 E 22d, New York

Bruner P. M. Granitoid Co., Frisco bldg, St. Louis, Mo.

Drehmann Paving Co. (Concrete Floors, etc), 2629 Parrish, Phila., Pa.

General Fireproofing Co., Youngstown, O.

Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.

Golliek & Smith, 162 E 23d, New York

Grand Rapids Fire Proofing Co., Grand Rapids, Mich.

Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.

Healy-Tibbitts Construction Co., Main & Market, San Francisco, Cal.

Keystone Fireproofing Co., Chester, Pa.

Kiesenguhr Co. of America, Van Nuys bldg, Los Angeles, Cal.

McCartney R. G. Construction Co., 622 St. Nicholas av, New York

Metropolitan Fire-Proofing Co., 47 W 34th, New York

National Concrete Const. Co., Louisville, Ky.

National Concrete Fire Proofing Co., Citizens bldg, Cleveland, O.

National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.

Pennsylvania Fireproofing Co., Erie, Pa.

Sanitary Fire Proofing & Contracting Co., Westchester Creek & 177th, New York

Standard Concrete Steel Co., 415 E 31st, New York

United Fire Proofing Co., 8 W 40th, New York

United States Gypsum Co., 205 W Monroe, Chicago, Ill.

Whitacre Fireproofing Constr'n Co., Waynesburg, O.

Wight W. N. & Co., 5 Beekman, New York

4778a—*Fire-Proof Doors & Partitions

Cincinnati Mfg. Co., Cincinnati, O. See adv index at end of book

4779—Fire-Proof Floors & Partitions

A. B. Fireproofing Co. (Partitions Only), 64 W Randolph, Chicago, Ill.

American Concrete Steel Co. (Concrete Steel), Union bldg, Newark, N. J.

Barber Asphalt Roofing Co., Land Title bldg, Phila., Pa.

Brown Hoisting Machinery Co. ("Ferroin-clave"), 4403 St. Clair, N E, Cleveland, O. See adv index at end of book

Burchartz Fireproofing Co. ("Burchartz," Long Span Floors, Combination Concrete & Terra Cotta), 26 Cortlandt, New York

Camp Conduit Co., 306 Marshall bldg, Cleveland, O.

Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.

Clinton Wire Cloth Co., Clinton, Mass.

Consolidated Expanded Metal Co.'s, Brad-dock, Pa.

Corrugated Bar. Co. (Corr-Mesh Partitions), Buffalo, N. Y.

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.

Expanded Metal Engineering Co., 101 Park av, New York

Expanded Metal Fireproofing Co., 541 Wood, Pittsburgh, Pa.

Fleming & Co., 253 B'way, New York

Flexstone Construction Co. ("Armorite," "Flexstone"), Hartman bldg, Columbus, O.

General Fireproofing Co., Youngstown, O.

Goldsmith Metal Lath Co., 53 Central av, Cincinnati, O.

Golliek & Smith, 162 E 23d, New York

Gypsite Fireproofing Co. ("Gypsite" Partitions Only), 4th & Holden, Detroit, Mich.

Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.

Idealite Co. (Carborundum), Cincinnati, O.

Keystone Fireproofing Co. ("Keystone" Gypsum), Chester, Pa.

Maurer Henry & Son (The "Phoenix"), 420 E 23d, New York

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Metropolitan Fire-Proofing Co., 47 W 34th, New York

Minnesota Fama Stonewood Co. ("Fama" Fire-Proof Gypsum Partition Tile), 1704 Rondo, St. Paul, Minn.

National Concrete Fire-Proofing Co., Citizens bldg, Cleveland, O.

National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.

North Birmingham Fire Brick & Proofing Co., Birmingham, Ala.

Pennsylvania Fireproofing Co., Erie, Pa.

Plymouth Gypsum Co. (Partitions Only), Fort Dodge, Ia.

Sanitary Fire Proofing & Contracting Co. ("Geraodts" Patent Fire Proof Blocks), Westchester Creek & 177th, New York

EDWIN A. JACKSON & BRO. Inc.

50 Beekman Street, New York,

MANUFACTURERS OF

Mantels, Grates, Franklin Stoves, Dampers, Andirons,
Spark Screens and All Kinds of Fireplace Fixtures.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Solar Metal Products Co. (Inc.) (Partitions Only), Columbus, O.
 Standard Concrete Steel Co., 413 E 31st, New York
 Troy Fireproofing Co., Troy, N. Y.
 United Fireproofing Co., 8 W 40th, New York
 U. S. Gypsum Co. (Pyrobar Tile & Jester Sackett System), 205 W Monroe, Chicago Ill.
 Western Expanded Metal & Fireproofing Co., San Francisco, Cal.
 White Fire Proof Construction Co., 286 5th av, New York

4780— Fire-Proof Hollow Tile

A. B. Fireproofing Co., 64 W Randolph, Chicago, Ill.
 Akron Vitrified Clay Mfg. Co., Akron, O.
 Alton Brick Co. (Backing-up tile, partition tile etc.), Alton, Ill.
 American Clay Co., Terre Haute, Ind.
 American Clay Products Co., 175 5th av, New York
 American Fire Brick Co. (Hollow Tile & "Denison" Interlocking), Spokane, Wash.
 Ayer-McCarel, Reagan Clay Co., Brazil, Ind.
 Bannon P. Pipe Co., Louisville, Ky.
 Bradford Fireproofing Co., Bradford, Pa.
 Brook Terra Cotta, Tile & Brick Co., Brook, Ind.
 Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
 Carnegie Brick & Pottery Co., Rialto bldg, San Francisco, Cal.
 Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
 Clark N. & Sons, 112 Natoma, San Francisco, Cal.
 Clay Product Co., 175 W Jackson Blvd, Chicago, Ill.
 Dennison Fire Proofing Co., Mason City, Ia.
 Denny-Renton Clay & Coal Co., Seattle, Wash.
 Denver Sewer Pipe & Clay Co., Denver, Colo.
 Diamond Brick Co., Oak Hill, O.
 Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
 Far West Clay Co., Tacoma, Wash.
 Gladding, McBean & Co., Croker bldg, San Francisco, Cal. Works: Lincoln, Cal.
 Gypsum Fireproofing Co., 205 W Monroe, Chicago, Ill.
 Illinois Terra Cotta Lumber Co., 119th & Calu, Lake, Chicago, Ill.
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
 Los Angeles Pressed Brick Co., Los Angeles, Cal.
 Maurer Henry & Son, 420 E 23d, New York
 National Fire Proofing Co., Fulton bldg, Pittsburgh, Pa.
 New Jersey Co., 17 Battery pl, New York
 North Birmingham Fire Brick & Proofing Co., Birmingham, Ala.
 Oconee Brick & Tile Co., Milledgeville, Ga.
 Ohio Clay Co. ("Dennison" Interlocking), Hippodrome bldg, Cleveland, O.
 Ohio Fireproofing Co., Nelsonville, O.
 Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
 Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
 Penna. Fireproofing Co., Erie, Pa.
 Plymouth Gypsum Co. (Partition), Fort Dodge, Ia.
 Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.
 Stevens H. Sons Co., Macon, Ga.
 Troy Fireproofing Co., Troy, N. Y.
 United States Gypsum Co. ("Pyrobar" Gypsum Tile), 205 W Monroe, Chicago, Ill.
 Vigo-Am. Clay Co., Terre Haute, Ind.
 Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.
 Waynesfield Drain Tile Co., Waynesfield, O.
 Whitacre-Greer Fireproofing Co., Waynesburg, O.

4781—Fire-Proof Wood Work

See Fire-Proofing of Wood

4782— Fire-Proofing (Ferrocement Steel Concrete)

Brown Hoisting Machinery Co., 1345 St. Clair, Cleveland, O., & 50 Church, New York. *See adv index at end of book*

4782a—*Fire-Proofing of Fabrics

PRICE FIRE & WATER PROOFING CO.,
 Poughkeepsie, N. Y.

4783—Fire-Proofing of Wood

Price Fire & Water Proofing Co., Poughkeepsie, N. Y.
 Standard Wood Treating Co., 31 Union sq, New York

4784—Fire-Proofing (Porous Terra Cotta)

See also Fire-Proof Hollow Tile
 Camp Conduit Co., 306 Marshall bldg, Cleveland, O.
 Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
 Denny-Renton Clay & Coal Co., Seattle, Wash.
 Illinois Terra Cotta Lumber Co., 119th & Calu, Lake, Chicago, Ill.
 Los Angeles Pressed Brick Co., Los Angeles, Cal.
 Maurer Henry & Son, 420 E 23d, New York
 National Fire Proofing Co. (Hollow Tile), Fulton bldg, Pittsburgh, Pa.
See adv index at end of book
 Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.
 Penna. Fireproofing Co., Erie, Pa.
 Whitacre-Greer Fireproofing Co., Waynesburg, O.

4785— Fire Sand

Carborundum Co. (Carborundum & Aloxite, for Lining Oil Burning Furnaces, Forges, etc), Niagara Falls, N. Y.
 Garden City Sand Co. (Dealers), Chamber of Commerce bldg, Chicago, Ill.
 Gautier J. H. Co., Greene, Jersey City, N. J.
 Maurer Henry & Son, 420 E 23d, New York
 Peekskill Fire Brick Works, Peekskill, N. Y.
 Presbrey Stove Lining Co., Taunton, Mass.
 Raritan Ridge Clay Co., Metuchen, N. J.
 Valentine M. D. & Bro. Co., Woodbridge, N. J.
 Whitehead Bros. Co., 537 W 27th, New York

Fire-Sets (Brass & Iron)

See Fire Place Furnishings, Manufacturers

4786— Fireworks

Apelt-Hermann (Chinese Firecrackers), 87 Pine, New York
 Connecticut Fireworks Co., West Haven, Conn.
 Consolidated Fireworks Co. of America, 22 Park pl, New York.
 Detwiller & Street Fireworks Mfg. Co., 22 Park pl, New York
 Diehl H. P. Co., Lawrenceburg, Ind.
 Due A. L. Fireworks Co., Market & North, Reading, Cincinnati, O.
 Hunt Edmund S. & Sons Co., Weymouth, Mass.
 Lloyd Mfg. Co., 22 Park pl, New York
 National Fireworks Distributing Co., 64 Sudbury, Boston, Mass.
 Newton's Cal. Fireworks Co., 249 Front, San Francisco, Cal.
 Rochester Fire Works Co., Rochester, N. Y.
 St. Louis Fireworks Co., 822 N B'way, St. Louis, Mo.
 Western Fireworks Co., Denver, Colo.
 Willsons Fireworks Co., 146 Davis, San Francisco, Cal.

4787— *Fireworks Powder

du Pont E. I. de Nemours & Co. ("Du Pont"), Wilmington, Del.
For branch offices see adv index at end of book
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

4788— Fish Hook Mfrs.

Redifor Rod & Reel Co. ("O'Shaughnessy," "Pennell"), Warren, O.

4789— Fish Line Mfrs.

A. A. A. Spooling & Winding Co. (Cotton), Auburn, R. I.
 Allen J. & S. (Est. of), (Cotton & Linen), Walpole, Mass.
 Ashaway Line & Twine Mfg. Co. ("Joseph Jefferson," "Swastika," "Cuttykunk," "Reliance," "Best Bass," "Superior" & "Standard" Braided & Twisted Silk, Linen & Cotton), Ashaway, R. I.
 Barbour Flax Spinning Co. (Linen), Paterson, N. J.
 Barrows Mfg. Co. (Cotton, Linen & Silk), Lansdale, Pa.
 Beebe Cordage Co. (Cotton), Rockaway, N. J.
 Bibb Mfg. Co. (Cotton & Linen), Macon, Ga.
 Burnham L. A. & Co. (Cotton), Gloucester, Mass.
 Canonchet Line & Twine Co. (Cotton), Canonchet, R. I.
 Castine Line & Twine Co. (Cotton, for Deep Sea Fishing), Castine, Me.
 Chaffee Mfg. Co. ("Chaffee" Silk), Willimantic, Conn.
 Cohankus Mfg. Co. (Trout Lines), Paducah, Ky.
 Draper W. H. & Son (Braided & Twisted Cotton, Linen & Silk), Troy, N. Y.
 Duff Chas. H. (Silk), Rockland, Me.
 Gladding B. F. & Co. (Braided & Twisted Cotton, Linen & Silk), South Otselic, N. Y.
 Hall A. G. (Braided & Twisted Cotton, Linen & Silk), Highland Mills, N. Y.
 Holden James (Cotton), Fall River, Mass.
 Hooper Sons Mfg. Co. (Cotton), Juniper & Cherry, Phila., Pa.
 Lees Mfg. Co. (Cotton), Westport, Conn.
 Lord R. W. Co. (Cotton), Kennebunk, Me.
 McComeskey Thos. (Cotton & Linens), 3731 Frankford av., Phila., Pa.
 Mansfield G. H. & Co. (Braided Silk), Canton, Mass.
 Martin's E. J. Sons ("Kingfisher" Braided Silk), Rockville, Conn.
 Mears Improved Line Co. (Cotton), Gloucester, Mass.
 Newton Line Co. (Cotton, Linen & Silk), Homer, N. Y.
 Pawtucket Braided Line Co. (Braided Cotton, Linen & Silk), Pawtucket, R. I.
 Royal River Mfg. Co., Yarmouth, Me.
 Tate E. H. Mfg. & Cordage Co. ("Best Quality" Brass & Copper Wire), 15 Chardon, Boston, Mass.
 Tennessee Line & Twine Co. (Silk, Cotton & Linen), Elizabethton, Tenn.
 Union Twine Co., Canonchet, R. I.
 Wood T. H. Co. (Braided Silk), South Coventry, Conn.

4790— Fish Nets & Seines

American Net & Twine Co., 575 Atlantic av, Boston, Mass.
 Barbour Flax Spinning Co., Paterson, N. J.
 Ederer R. J. Co., 317 N Michigan av, Chicago, Ill.
 Elwell C. A., Gloucester, Mass.
 Fowler Net & Twine Co., 107 S 2nd, Phila., Pa.
 Gloucester Net & Twine Co., Gloucester, Mass.
 Knox W. & J. Net & Twine Co., cor Calvert & Lombard, Baltimore, Md.
 Lees Mfg. Co., Westport, Conn.
 Lichtenstein's L. Sons, Richmond, Va.
 Linen Thread Co., 96 Franklin, New York
 Lord H. & G. W. Co., Boston, Mass.
 McClean C. & W. Merc. Co. ("Palmer's"), 415 Washington av, St. Louis, Mo.
 Reisner W. H. Mfg. Co. ("King" Minnows), Hagerstown, Md.

4791— Fishing Tackle Mfrs.

See also Reels, Fishing
Also Sporting & Athletic Goods Mfrs.
 Abbey & Imbrie, 15 Warren, New York
 Benjamin-Sellar Mfg. Co. (Reels, etc), 559 Quincy, Chicago, Ill.
 Chester F. E. Mfg. Co. ("Redfield," Hollow Cork Fishing, Floats), 3 Pine, Providence, R. I.
 Enterprize Mfg. Co., Akron, O.
 Hildebrandt John J. Co. ("Hildebrandt," Spinneys, etc), Logansport, Ind.
 Horrocks-Ibbotson Co. (Reels, etc), Utica, N. Y.
 Horton Mfg. Co. ("Bristol," "Rainbow," "Luckie," Steel Rods & Rod Mountings), Bristol, Conn.

Ideal Fishing Float Co., Richmond, Va.
 Junod P. & Co., Celina, O.
 Meeks B. F. & Sons (Reels, etc), Louisville, Ky.
 Pepper Jno., Sr., Rome, N. Y.
 Redifor Rod & Reel Co. (Rods, Reels, Fish Stringers, Gaff Hooks, Connecting Links, Bass Bait & Flies, etc), Warren, O.
 St. Charles Net & Hammock Co., St. Charles, Ill.
 Shakespeare Co., Kalamazoo, Mich.
 South Bend Bait Co., South Bend, Ind.
 Vom Hofe Edward & Co., 112 Fulton, New York
 Treman, King & Co. ("White Hat" Bait, etc), Ithaca, N. Y.
 Woods F. C. & Co. (Expert Bait), Alliance, O.

4792—Fittings (Acid Metal)

Acheson Mfg. Co., Rankin, Pa.
 Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.
See adv index at end of book
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
 Eastwood Wire Mfg. Co., Belleville, N. J.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.

4793—Fittings (Air Brake)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Litchfield Foundry & Mach. Co., Litchfield, Ill.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.
 Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
 Western Railway Equipment Co., Central Natl. Bank bldg, St. Louis, Mo.
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

4794—Fittings (Ammonia)

Allis-Chalmers Mfg. Co. (Pipe), Milwaukee, Wis. *See adv index at end of book*
 Baker Ice Machine Co., Omaha, Neb.
 Braman, Dow Co., 239 Causeway, Boston, Mass.
 Brunswick Refrigerating Co., W New Brunswick, N. J.
 Columbus Iron Works, Columbus, Ga.
 Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see adv index at end of book
 Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
 Flagg Stanley G. & Co., Morris bldg., Phila., Pa.
 Frick Co., Waynesboro, Pa.
 Great Lakes Engineering Works (Semi-Steel), Detroit, Mich.
 Ice & Cold Machine Co., 3003 N B'way, St. Louis, Mo.
 Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
 Kelly & Jones Co. (Mall. Iron), 135 Water, Pittsburgh, Pa.
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Niebling F. W. Co., Norwood, Highland av, Cincinnati, O.
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
 Shipley Constr. & Supply Co., ft of Warren, Brooklyn, N. Y.
 Tight Joint Co. ("Folly's" Patent), 310 E 47th, New York
 Triumph Ice Machine Co. (Steel), Oakley, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
 Wegner Machine Co., Buffalo, N. Y.
 York Mfg. Co., York, Pa.

4795—Fittings (Awning Frame)

Pancoast Henry B. Co., 243 S 3d, Phila., Pa.

4796—Fittings (Bakers' Oven)

Robson Chas. & Co., 8th & Washington av, Philadelphia, Pa.
 Watkins Jas. Y. & Son, 20 Catherine, New York

4797—Fittings (Bath, Supply & Waste)

Blasier-Sanborn Mfg. Co., Utica, N. Y.
 Central Brass Mfg. Co. ("Central"), 6206 Cedar, Cleveland, O.
 D. C. Mfg. Co. ("D. C."), Canton, O.
 Dubois F. M. & Co. ("Apex"), 247 9th av, New York
 Edwardsville Brass Co., Edwardsville, Ill.
 Elgin Brass Co., 92 John, New York
 Haydenville Co., Haydenville, Mass.
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Mueller H. Mfg. Co., Decatur, Ill.
 Reid Brass Mfg. Co., 272 Kent av, Brooklyn, N. Y.
 United Brass Mfg. Co. ("United"), 3844 Hamilton av, Cleveland, O.
 Whitlock Coil Pipe Co., Hartford, Conn.

4798—Fittings (Brass Pipe)

Acheson Mfg. Co., Rankin, Pa.
 American Brass & Copper Co., 138 Lafayette, New York
 Barrett James Mfg. Co., 117 Pearl, Boston, Mass.
 Belfield H. Co., 435 N Broad, Phila., Pa.
 Belknap Mfg. Co., Bridgeport, Conn.
 Bridgman Bros. Co. (Extra Heavy Screwed & Flanged), 1426 Washington av, Phila., Pa.
 Buckeye Iron & Brass Works, Dayton, O.
 Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see adv index at end of book
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
 Detroit Lubricator Co., Detroit, Mich.
 Detroit Sanitary Supply Co., 1191 Second, Detroit, Mich.
 Eastwood Wire Mfg. Co., Belleville, N. J.
 Fewless-Leen Brass & Iron Co., Cincinnati, O.
 General Fire Extinguisher Co., Providence, R. I.
 Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
 Hancock Mfg. Co., Charlotte, Mich.
 Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
 Haydenville Co., Haydenville, Mass.
 Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.
 Humphreys Mfg. Co., Mansfield, O.
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Jarecki Mfg. Co., Erie, Pa.
 Jenkins Mfg. Co., Bloomfield, N. J.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 Kinsey & Mahler Co., Peoria, Ill.
 Leslie Co. (High Pressure Steam), Lyndhurst, N. J.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, Ohio
See adv index at end of book
 McCambridge Co., 20th & Wood, Phila., Pa.
 McMann & Taylor Co., 104 John, New York
See adv index at end of book
 McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
 Mott J. L. Iron Works, Trenton, N. J.
 Mueller H. Mfg. Co., Decatur, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
 Powell Wm. Co., Cincinnati, O.
 Queen City Brass & Iron Works, Cincinnati, O.
 Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
SHAW BENJ. F. CO., (Cast Iron & Cast Steel), 501 E 2nd, Wilmington, Del.
See adv index at end of book
 Sherman H. B. Mfg. Co., Battle Creek, Mich.
 Simmons John Co., 110 Centre, New York
 Speakman Supply & Pipe Co., 30 & Spruce, Wilmington, Del.
 Stebbins E. Mfg. Co., Springfield, Mass.
 Twentieth Century Brass Works, 231 Fifth av S, Minneapolis, Minn.
 United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.
 Walworth Mfg. Co., Boston, Mass.
 Wolverine Brass Works, Grand Rapids, Mich.

4799—Fittings (Brass Pipe Railing)

Crane Co., (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Devlin Thomas Mfg. Co., Phila., Pa.
 General Fire Extinguisher Co., Providence, R. I.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Jarecki Mfg. Co., Erie, Pa.
 Jenkins Mfg. Co., Bloomfield, N. J.
 McNab & Harlin Mfg. Co., 55 John, New York
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
 New York Brass Foundry Co., 104 Centre, New York
 Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.

4800-1—Fittings (Bronze)

Acheson Mfg. Co., Rankin, Pa.
 Eastwood Wire Mfg. Co., Belleville, N. J.
 Kaltenthaler H. J., 234 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, Ohio.
See adv index at end of book
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Portland Co., Portland, Me.

4802—Fittings (Cast Iron, for Gas & Water Mains)

Acheson Mfg. Co., Rankin, Pa.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Central Foundry Co., 90 West, New York
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
 Davies & Thomas Co., Catasauqua, Pa.
 General Fire Extinguisher Co., Providence, R. I.
 Massillon Iron & Steel Co., Massillon, O.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
 Smith A. P. Mfg. Co., East Orange, N. J.

Fittings (Cast Iron Pipe)

See Fittings, Pipe

4803—Fittings (Cast Steel)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see adv index at end of book
 Kaltenthaler H. J., 234 Cherry, Phila., Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4804— Fittings (Conduit)

Adapti Mfg. Co., Cleveland, O.
 American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
 Appleton Electric Co. ("Appleton" "Unilets"), 218 N Jefferson, Chicago, Ill.
 Arrow Electric Co. ("Pipe Ends"), Hartford, Conn.
 Central Tube Co., Pittsburgh, Pa.
 Fairmount Electric & Mfg. Co. ("Bend-hicks," "Arclets"), 59th & Woodland av, Phila., Pa.
 Gillette-Vibber Co. ("G. V."), New London, Conn.
 Steel City Electric Co. ("Ovalduc" "Marchand" & "Star"), 1207 Columbus av, Pittsburgh, Pa.
 Thomas & Betts Co. ("Erickson" Couplings), 105 Hudson, New York
 V V Fittings Co. ("V V"), 1906 N 6th, Phila., Pa.

4805— Fittings (Cross Over)

Fee & Mason, 81 Beekman, New York
 Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila., Pa.
 Grabler Mfg. Co., Cleveland, O.
 Kaltenthaler H. J., 234 Cherry, Phila., Pa.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 National Tube Co., Frick bldg., Pittsburgh, Pa. *See adv index at end of book*

4806— Fittings (Drainage)

Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.
 Crane Co. (Est. 1855), 836 S Mich. av, Chicago, Ill.
For branch offices see adv index at end of book
 Essex Foundry (Cast Iron Screwed for Wrought Iron Pipe), Murray, Newark, N. J.
 Glenn Fred E., St. Charles, Ill.
 Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
 Kelly & Jones Co. (Cast Iron, etc), 135 Water, Pittsburgh, Pa.
 McMann & Taylor Co., 104 John, New York
See adv index at end of book
 McNab & Harlin Mfg. Co. (Brass & Iron, Black & Galvanized), 55 John, New York & Paterson, N. J.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
 National Foundry Co. (1¼ to 6 inches), 10 Sanford, Brooklyn, N. Y.
 New York Brass Foundry Co., 104 Centre, New York
 Prier Brass Mfg. Co. ("Sieben" Combination), Kansas City, Mo.
 Stockham Pipe & Fitting Co. (Cast Iron), Birmingham, Ala.

Fittings (Electric Porcelain)

See Porcelain Specialties, Electric & Mechanical

4807— Fittings (Electrical)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Worcester Pressed Steel Co. (Stamped), Worcester, Mass.

4808— Fittings (Ell)

Acheson Mfg. Co. (Union Ells), Rankin, Pa.
 Edwardsville Brass Co. (Flush & Closet), Edwardsville, Ill.
 Eureka Brass Works (Union Ells), 1040 Hulbert av, Cincinnati, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

National Tube Co. ("KEWANEE," Union, also Tees), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Standard Brass Mfg. Co., Utica, N. Y.

4809— Fittings (Flanged)

American District Steam Co., North Tonawanda, N. Y.
 American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS (Forged Steel Pipe Flanges), Chicago, Ill. *See adv index at end of book*
 Birdsboro Steel Foundry & Machine Co. (Iron, Steel & Semi-Steel), Birdsboro, Pa.
 Columbus Iron Works (Heavy), Columbus, Ga.
 Crane Co. (Est. 1855) (High, Medium or Low Pressure), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Crook H. E. Co., Inc. (Cast Iron), 28 Light Baltimore, Md.
 Davies & Thomas Co. (Cast Iron, for Gas & Water Pipe, etc), Catasauqua, Pa.
 Direct Separator Co., Syracuse, N. Y.
 Essex Foundry (Cast Iron), Murray, Newark, N. J.
 General Fire Extinguisher Co. (Cast Iron), Providence, R. I.
 Hoffmann B. Mfg. Co. (Cast Iron), 257 6th, Milwaukee, Wis.
 Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
 Jefferson Union Co. ("Jefferson"), Lexington, Mass.
 Kaltenthaler H. J. (Cast Iron, High & Low Pressure), 234 Cherry, Phila., Pa.
 Kellogg M. W. Co., 90 West, New York
See adv index at end of book
 Kelly & Jones Co. (Standard & Extra Heavy, Semi-Steel, Brass & Cast Malleable Iron), 135 Water, Pittsburgh, Pa.
 Kries Henry A & Sons, 8 W Lombard, Baltimore, Md.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McMann & Taylor Co. (Jobbers), 104 John, New York. *See adv index at end of book*
 McNab & Harlin Mfg. Co. (Standard & Extra Heavy), 55 John, New York
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Massillon Iron & Steel Co. (Cast Iron), Massillon, O.
 Millar Chas. & Son Co., Utica, N. Y.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.
 New Bedford Boiler & Machine Co., New Bedford, Mass.
 Newbury J. H. (Cast), Goshen, N. Y.
 New York Brass Foundry Co. (Brass), 104 Centre, New York
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Philadelphia Roll & Machine Co. (Pipe), 23rd & Washington av, Phila., Pa.
 Pittsburgh Gage & Supply Co. (Cast Iron), 30th & Liberty av, Pittsburgh, Pa.
 Pittsburgh Piping & Equip. Co., 35th & Charlotte, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.
SHAW BENJ. F. CO. (Cast Iron & Cast Steel), 501 E 2nd, Wilmington, Del.
See adv index at end of book
 Standard Cast Iron Pipe & Foundry Co., Bristol, Pa.
 Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.
 U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.
 Walworth Mfg. Co., Boston, Mass.

4810—Fittings (Gas Fixture)

American Brass & Copper Co., 138 Lafayette, New York
 Cleveland Gas & Electric Supply Co., 940 Prospect av, S E, Cleveland, O.
 Fairmount Electric & Mfg. Co. ("Emery"), 59th & Woodland av, Phila., Pa.
 Flagg Stanley G. & Co., Morris bldg, Phila., Pa.
 General Fire Extinguisher Co., Providence, R. I.
 Gleason E. P. Mfg. Co., 37 Murray, New York
 Horn & Brannen Mfg. Co., 427 N Broad, Phila., Pa.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
 Shapiro & Aronson, 20 Warren, New York
 Standard Brass Works, 97 Wight, Detroit, Mich.
 Utica Valve & Fixture Co., Utica, N. Y.
 Williamson R. Co., 609 W Washington, Chicago, Ill.

4811— Fittings (Gas Line)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 Hays Mfg. Co., Erie, Pa.
LUNKENHEIMER CO. Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.
 Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.

4812— Fittings (Green House)

Central Foundry (Cast Iron), 90 West, New York
 Coldwell-Wilcox Co. (Cast Iron), Newburgh, N. Y.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Glenn Fred E., St. Charles, Ill.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Fittings (High Pressure)

See Fittings, Hydraulic

4813— Fittings (Hydraulic)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
 Buckeye Iron & Brass Works (Brass High Pressure), Dayton, O.
 Edward Valve & Mfg. Co. ("Edward" Steel, High Pressure), 343 S Dearborn, Chicago, Ill.
ELMES CHAS. F. ENGINEERING WORKS, INC., Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*
 French Oil Mill Machinery Co., Piqua, O.
 General Fire Extinguisher Co., Providence, R. I.
 Hydraulic Press Mfg. Co., Mt. Gilead, O.
 Jarecki Mfg. Co. (Cast Iron, Brass), Erie, Pa.
 Kelly & Jones Co. (Semi-Steel, Flanged), 135 Water, Pittsburgh, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McNab & Harlin Mfg. Co., 55 John, New York
 Malleable Iron Fittings Co. ("M. I. F. Co.," Steel & Malleable Iron), Branford, Conn.
NASON MFG. CO., 71 Fulton, New York. *See adv index at end of book*

PIPE, FITTINGS AND VALVES OF ALL KINDS.

Complete Line of Steam, Hydraulic, Gas, Refrigerating
 and Sanitary Engineering Supplies and Specialties.

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71 Fulton Street, New York.

NASON MANUFACTURING CO., Davis and Crane Streets, Long Island City, N. Y.

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 New York Brass Foundry Co., 104 Centre, New York
 Oil Well Supply Co. (Cast Iron), 215 Water, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.
 Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.
SHAW BENJ. F. CO., 501 E 2nd, Wilmington, Del. *See adv index at end of book*
 Tight Joint Co. ("Folly's" Patent), 310 E 47th New York
WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

4814—Fittings (Iron Railing)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Devlin Thos. Mfg. Co. (Adjustable, Malleable Iron), Lehigh av & 3rd, Phila., Pa.
 Illinois Malleable Iron Co., 1801 Diversey, Chicago, Ill. *See adv index at end of book*
 Jarecki Mfg. Co. (Malleable, etc), Erie, Pa.
 Kelly & Jones Co. (Malleable Iron, etc), 135 Water, Pittsburgh, Pa.
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 McNab & Harlin Mfg. Co., 55 John, New York
 National Tube Co. (Malleable & Brass), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Pancoast Henry B. Co. (Iron Pipe, Malleable & Cast Iron & Brass), 243 S 2nd, Phila., Pa.

4814a—*Fittings ("Kewanee")

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

4814b—*Fittings (Lead)

CHEMICAL PUMP & VALVE CO., 327 Guilford, Perth Amboy, N. J.

4815—Fittings (Lead Lined Pipe)

Lead Lined Iron Pipe Co. (Brass & Iron), Wakefield, Mass.

4815a—*Fittings (Long Sweep)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

4815b—*Fittings (Malleable & Brass Railing)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

4815c—*Fittings (Matheson & Converse Joint)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

4816—Fittings (Pipe)

See also Cast Iron Soil Pipe & Fittings; also Fittings, Various Kinds; also Unions

Abendroth & Root Mfg. Co. (Cast Iron Flanged), Newburgh, N. Y.
 Acheson Mfg. Co. (Brass), Rankin, Pa.
 Albert & Davidson, Oakland & Kent, Brooklyn, N. Y.
See adv index at end of book

American District Steam Co., N. Tonawanda, N. Y.

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.

AMERICAN SPIRAL PIPE WORKS (Large Cast Iron), Chicago, Ill.
See adv index at end of book

Belfield H. Co., (Brass), 435 N Broad, Phila., Pa.

Builders' Iron Foundry (Cast Iron) ("Globe Special"), 9 Coddington, Providence, R. I.

Campbell Mfg. Co. (Cast Iron), Gadsden, Ala.

Carpenter Geo. B. & Co., 440 Wells, Chicago, Ill.

Central Distributing Co., Jackson, Mich.
 Central Foundry Co. (Cast Iron), 90 West, New York

Clow Jas. B. & Sons (Steam), Franklin & Harrison, Chicago, Ill.

Coldwell-Wilcox Co. ("Wilcox"), Newburgh, N. Y.

Columbus Brass Co. ("Abbott"), 538 Dublin av, Columbus, O.

See adv index at end of book

Crane Co. (Est. 1855) (Malleable & Cast Iron Screwed or Flanged), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Darling Pump & Mfg. Co., Ltd. (Cast Iron), Williamsport, Pa.

Detroit Valve & Fittings Co. (Malleable Iron), Wyandotte, Mich.

Devlin Thos. Mfg. Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.

Dunning Carl Equipment Co. (Supplies), United bldg, Indianapolis, Ind.

Flagg Stanley G. & Co. ("Keystone" Malleable Iron), Morris bldg, Phila., Pa.

Ford & Kendig Co. (Malleable & Cast Iron for Steam), 24th & Wood, Phila., Pa.

Fort Pitt Malleable Iron Co. (Malleable & Cast Iron), Thompson & Crawford, Pittsburgh, Pa.

Franklin Park Foundry Co., Franklin Park, Ill.

General Fire Extinguisher Co. (Brass & Iron), Providence, R. I.

Gilli Machine Co. (Cast Iron), Tonawanda, N. Y.

Glamorgan Pipe & Foundry Co. (Cast Iron), Lynchburg, Va.

Glenn Fred. E. (Cast Iron), St. Charles, Ill.

Grabler Mfg. Co. (Malleable Iron), Cleveland, O.

Hoffman B. Mfg. Co. (Cast Iron & Flanged), 257 6th, Milwaukee, Wis.

Illinois Malleable Iron Co. (Malleable & Cast Iron), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*

Jarecki Mfg. Co. (Malleable & Cast Iron), Erie, Pa.

Jefferson Union Co. ("Jefferson"), Lexington, Mass.

Kelly & Jones Co. (Malleable & Cast Iron), 135 Water, Pittsburgh, Pa.

Kroeschell Bros. Co. (Cast Iron), 440 W Erie, Chicago, Ill.

Kuhns Bros., Dayton, O.

Litchfield Foundry & Machine Co. (Cast Iron), Litchfield, Ill.

Lumsden & Van Stone Co. ("Van Stone"), 69 High, Boston, Mass.

LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McMANN & TAYLOR CO., 104 John, New York. *See adv index at end of book*

McNab & Harlin Mfg. Co. (Cast & Malleable Iron), 55 John, New York

Malleable Iron Fittings Co. ("M. I. F. Co."), Malleable Iron, Branford, Conn.

Massillon Iron & Steel Co., Massillon, O.

Mott J. L. Iron Works, Trenton, N. J.

NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*

National Tube Co. (Cast, Malleable, Wrought & Brass), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Newbury J. G. Iron Works, Coxsackie, N. Y.

Newbury Jay H. (Cast Iron), Goshen, N. Y.

Nordeen H. G., Everett, Wash.

Oil Well Supply Co. (Malleable & Cast Iron), 215 Water, Pittsburgh, Pa.

Pancoast Henry B. Co. (Malleable Iron), 245 S 3d, Phila., Pa.

Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Richardson-Phenix Co. ("Union-Cinch," Threadless, Clamps the Pipe), 122 Reservoir av, Milwaukee, Wis.

Roe & Conover (Steam, Gas & Water Pipe & Fittings), 206 Frelinghuysen av, Newark, N. J.

See adv index at end of book

Selam Mfg. Co. (Threadless), Green & Columbia, Newark, N. J.

SHAW BENJ. F. CO., 501 E 2d, Wilmington, Del. *See adv index at end of book*

Sherman H. B. Mfg. Co. (Brass), Battle Creek, Mich.

Simmons John Co., 110 Centre, New York

South Park Foundry & Machine Co. (Cast Iron Flanged Pipe & Fittings), St. Paul, Minn.

Stockham Pipe & Fittings Co. (Cast Iron), Birmingham, Ala.

Tamaqua Mfg. Co. (Cast Iron), Tamaqua, Pa.

Thompson J. & Co., Van Horn & Sophia, Phila., Pa.

Tight Joint Co. ("Folly's" Never Leak Tight Joint), 310 E 47th, New York

U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Walworth Mfg. Co. (Malleable & Cast Iron), Boston, Mass.

Wilfert John Co., 258 B'way, New York

4817—*Fittings (Pipe Rail)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

4818—Fittings (Push Button, Closet Tank)

Attwood Brass Works, Grand Rapids, Mich.

Exeter Brass Works, Exeter, N. H.

Frost Mfg. Co., Kenosha, Wis.

Trenton Brass & Machine Co. (For Low Down Tanks), Trenton, N. J.

Fittings (Railing)

See Fittings, Brass Pipe Railing; also Fittings, Iron Railing

4819—*Fittings (Semi-Steel)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Fittings (Soil Pipe)

See Cast Iron Soil Pipe & Fittings Manufacturers

4820—Fittings (Switchboard Pipe)

Electrical Engineers Equipment Co. (Malleable Iron), 711 Meridian, Chicago, Ill.

Selah Mfg. Co. (Threadless), Green & Columbia, Newark, N. J.

4821—Fittings (Tight Joint)

Tight Joint Co. ("Folly's" for Steam, Hydraulic, Ammonia, Compressed Air, etc), 310 E 47th, New York

4822—Fittings (Vent)

Acheson Mfg. Co. (Brass), Rankin, Pa.

Brier Brass Mfg. Co., Kansas City, Mo.

Essex Foundry, Newark, N. J.

Haydenville Co., Haydenville, Mass.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Prier Brass Mfg. Co., Kansas City, Mo.

Sweet A. L. Iron Works, Medina, N. Y.

Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

Wolverine Brass Works, Grand Rapids, Mich.

4823—*Fittings (Y)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

4824—Fixtures (Bank, Office & Store)**Cabinet Wood-Work**

Aetna Cabinet Co., Indianapolis, Ind.

American Fixture Co., St. Joseph, Mo.

American Sash & Door Co., Kansas City, Mo.

Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.

Armstrong, Landon Co., Kokomo, Ind.

Ayers-Cihlar-Ransom Co., 726 S Desplaines, Chicago, Ill.

Best Mfg. Co., Peoria, Ill.

Bloom Alfred Co., Omaha, Neb.

Budde & Weis Mfg. Co., Jackson, Tenn.

Bush Jas. S. Co., 239 B'way, New York

California Show Case Co., Los Angeles, Cal.

Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.

Carr & Baal Co., Des Moines, Ia.

Carter Phelps Mfg. Co., Keokuk, Ia.

Chryster & Koppin (Store), 819 W Warren av, Detroit, Mich.

Cleveland Store Fixture Co., Cleveland, O.

Cole Mfg. Co., Memphis, Tenn.

Columbia Lumber & Mfg. Co., Columbia, S. C.
 Crescent Mfg. Co., Louisville, Ky.
 Curtis Bros. & Co., Clinton, Ia.
 Decatur Fountain Co., Decatur, Ill.
 Derby Desk Co., Somerville, Mass.
 Doten-Dunton Desk Co., 25 Arch, Boston, Mass.
 Ehrlich H. & Sons Mfg. Co., St. Joseph, Mo.
 Farley & Loetscher Mfg. Co., Dubuque, Ia.
 Federal Equipment Co., Carlisle, Pa.
 Fielder & Allen Co., Atlanta, Ga.
 Forbes A. J. & Son, 1530 Filbert, San Francisco, Cal.
 Fridman Lumber Co., New Richmond, O.
 Gordon, Vantine Co., Davenport, Ia.
 Grand Rapids Show Case Co. (Wood, Store Only), Grand Rapids, Mich.
 Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
 Hagerstown Mantel & Furniture Co., Hagerstown, Md.
 Hamburger E. & Co., 139 Emerson pl, Brooklyn, N. Y.
 Himmel M. L. & Son, 109 N Frederick av, Baltimore, Md.
 Huck Mfg. Co., Quincy, Ill.
 International Steel & Iron Co., Evansville, Ind.
 Jackson A. R. Kansas City Show Case Works Co., 620 E 3d, Kansas City, Mo.
 Johannesen Mfg. Co., Erie, Pa.
 Johnson Albert & Co., E Boston, Mass.
 Kaaz Mfg. Co., Atchison, Kan.
 Kleeman W. & Co., 479 1st av, New York
 Knittel Jos. Show Case Co., Quincy, Ill.
 Knoff Mfg. Co., Mankato, Minn.
 Koehler & Hinrichs, St. Paul, Minn.
 Loetscher & Burch Mfg. Co., Des Moines, Ia.
 Lookout Planing Mills, Chattanooga, Tenn.
 McLean W. B. Mfg. Co., 1050 Herron av, Pittsburgh, Pa.
 Maclean J. S., Spring & Water, Columbus, O.
 Mailander Co., Waco, Texas
 Marysville Cabinet Co., Marysville, O.
 Moline Furniture Works, Moline, Ill.
 Moore Mfg. Co., Springfield, Mo.
 Morgan Lumber & Mfg. Co., Charleston, W. Va.
 Multiplex Display Fixture Co. (Automatic Display), 918 N 10th, St. Louis, Mo.
 National Show Case Co., Columbus, Ga.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*
 New York Store Fixture Co., 5 E 137th, New York
 New York Wood Working Corp., 502 E 19th, New York
 Northwestern Furniture Co., 271 W Water, Milwaukee, Wis.
 Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.
 Ohmer's M. Sons Co., Dayton, O.
 Phoenix Furniture Co., Eau Claire, Wis.
 Rochester Show Case Works, Rochester, N. Y.
 St. Louis Bank Equipment Co., 811 Walnut, St. Louis, Mo.
 Schmid John 58 Oak, San Francisco, Cal.
 Schwarzwaelder W. O., Chichester, N. Y.
 Segale Mfg. Co., 68 E Spring, Columbus, O.
 Shaw Furniture Co., Cambridge, Mass.
 Sjostrom John E. Co., 923 Columbia, Phila., Pa.
 Skow Mfg. Co., Newton, Ia.
 Southern Seating & Cabinet Co., Jackson, Tenn.
 Springfield Pl'g Mill, Lumber & Constr. Co., Springfield, Mo.
 Standard Mfg. Co., Appleton, Wis.
 Stillwater Mfg. Co., Stillwater, Minn.
 Storandt J. W. Mfg. Co., Rochester, N. Y.
 Stow & Davis Furniture Co., Grand Rapids, Mich.
 Taylor Wm. M. Mantel & Grate Co. (Wood), 26 S 3rd, Columbus, O.
 Toledo Desk & Fixture Co., Toledo, O.
 Walrus Mfg. Co., Decatur, Ill.
 Wearin J. H. & Co., Charlotte, N. C.
 Weary & Alford Co., 1907 Michigan av, Chicago, Ill.
 Western Planing Mill Co., Wichita, Kans.
 Western Sash & Door Co., Kansas City, Mo.
 Whitcomb Cabinet Co., 14th & Chestnut, Kansas City, Mo.
 Williams & Hunting Co., Cedar Rapids, Ia.
 Winter Co., Sheboygan, Wis.
 Wisconsin Iron & Wire Co., Milwaukee, Wis.

Wollaeger Mfg. Co., 28 Juneau av, Milwaukee, Wis.

Yawman & Erbe Mfg. Co., Rochester, N. Y.

4824a—*Fixtures (Bronze)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

Herwig Art Shade & Lamps Co., 2140 N Halsted, Chicago, Ill.
See adv index at end of book

Fixtures (Car Door)

See Car Doors & Fittings

4824b—*Fixtures (Display Revolving)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*

4825—Fixtures (Electric, Adjustable Wall & Ceiling)

Adjustable Fixture Co., 305 Mfrs. Home, Milwaukee, Wis.

Bryant Electric Co., Bridgeport, Conn.

Faries Mfg. Co., Decatur, Ill.

Forg Peter Mfg. Co., Somerville, Mass.

Franks Mfg. Co., Rock Island, Ill.

Herwig Art Shade & Lamp Co., 2140 N Halsted, Chicago, Ill.

See adv index at end of book

Hill, W. H., Cambridge Springs, Pa.

Hinsdale Elec. Co., Troy, N. Y.

Keith Mfg. Co., Clinton, N. Y.

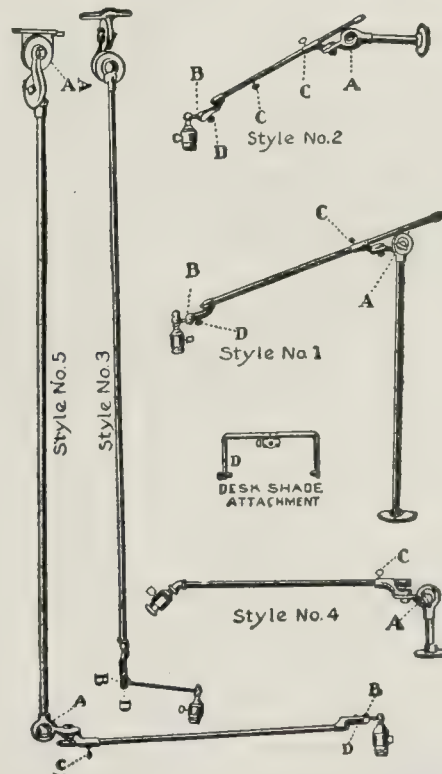
Lindblad K. F. M., 65 Sudbury, Boston, Mass.

McCrosky Reamer Co., Meadville, Pa.

MORSE FRANK W. ("Morse" For Factory & Shop Use Only), 293 Congress, Boston, Mass.

See adv index at end of book

MORSE Adjustable Electric Fixtures FOR MILLS, FACTORIES, ETC.



Are the Strongest, Simplest, Most Adjustable and lowest in price of any made, and are approved by National Board of Underwriters.

SEND FOR PRICE LIST

FRANK W. MORSE
 293 Congress St. BOSTON, MASS.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*
 Van Doren E. I., Troy, N. Y.
 White O. C. Co., Worcester, Mass.
 Wolff Wm. F. Co., 563 W 145th, New York
 Zang J. E., Johnstown, Pa.

4826—Fixtures (Flag Pole)

Driver John ("Boss"), San Leandro, Cal.
 Howes Forest E. ("Buckley Non-Tangle"), 307 Atlantic av, Boston, Mass.

4827—Fixtures (Hardware Display)

Duluth Show Case Co. (Wood Sectional), Duluth, Minn.

Garden City Plating & Mfg. Co., 1430 S Talman av, Chicago, Ill.

Multiplex Display Fixture Co. ("Multiplex"), 918 N 10th, St. Louis, Mo.

Warren J. D. Mfg. Co., 159 N State, Chicago, Ill.

4828—Fixtures (Hay Rack)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

Pratt Wm. E. Mfg. Co. ("Hemm's"), 35 W Lake, Chicago, Ill.

4829—*Fixtures (Liquid Soap)

LIQUID SOAP & FIXTURES
THE IMPERIAL BRASS MFG. CO.
CHICAGO

4830—*Fixtures (Outlet, Coal Chute)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book

4831-2-3—Fixtures (Silo)

Kalamazoo Tank & Silo Co., Kalamazoo, Mich.

New Monarch Machine & Stamping Co. (Iron & Steel), Des Moines, Iowa

Storm Lake Tank & Silo Co., Storm Lake, Ia.

Fixtures (Store)

See Store & Bar Fixtures

4834—Fixtures (Street Series, Electric Lamp)

BENJAMIN ELECTRIC MFG. CO., 128 S Sangamon, Chicago, Ill.

Luminous Unit Co., Jefferson & Washington avs, St. Louis, Mo.

Philadelphia Electrical & Mfg. Co. ("Penco"), 1236 N 31st, Phila., Pa.

Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

4835—Fixtures (Tungsten Lamp)

BENJAMIN ELECTRIC MFG. CO. (Factory Lighting), 128 S Sangamon, Chicago, Ill.

Line Material Co., South Milwaukee, Wis.

4836—Fixtures (Tungstolier)

Tungstolier Works of General Elec. Co., Cleveland, O.

4836a—Fixtures (Wall, Sectional Interchangeable)

Grand Rapids Show Case Co., Grand Rapids, Mich.

4837—Flag Mfrs.

See also Bunting Mfrs.

American Flag Co., 73 Mercer, New York

American Flag Mfg. Co., Easton, Pa.

Anness H. W. & Co., 409 Pearl, New York

Annis & Co., 99 Fulton, New York

Central Railway Signal Co., 1st Natl. Bk. bldg, Pittsburgh, Pa.

Channon H. Co., 150 N Market, Chicago, Ill.
 Chicago Flag & Decorating Co., 1345 S Wabash av, Chicago, Ill.
 De Grauw, Aymar & Co., 34 South, New York
 Dettra Jno. C. & Co., Oaks, Pa.
 Geraghty & Co. (Pennant, Society, etc), 153 N La Salle, Chicago, Ill.
 Goss J. C. Co., Detroit, Mich.
 Greenwood-Atkinson-Armstrong Co., Detroit, Mich.
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
 Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
 Humphry's R. A. Sons, 1021 Callowhill, Phila., Pa.
 Johnson John Co., Detroit, Mich.
 Magee M. & Son, 147 Fulton, New York
 Mills Andrew & Sons, 53 South, New York
 National Flag Co., 1012 Flint, Cincinnati, O.
 Pasquale B. Co., Inc., 115 Post, San Francisco, Cal.
 Passaic Print Works (Cotton), Passaic, N. J.
 Rehm & Co., 214 Washington, New York
 Reproduction Co., 351 Jay, Brooklyn, N. Y.
 Rowe E. L. & Son, Gloucester, Mass.
 United States Flag Co., 329 Lock, Cincinnati, O.
 Wales H. A. Co. (Who. Dirs.), Bridgeport, Conn.
 Whitehead & Hoag Co. (Banners), 272 Sussex av, Newark, N. J.

4838—Flags (Railway Signal, Etc.)

American Flag Mfg. Co., Easton, Pa.
 Carpenter Geo. B. & Co. (All Kinds & Descriptions), 400 Wells, Chicago, Ill.
 Central R'way Signal Co., First National Bank bldg, Pittsburgh, Pa.
 Handlan-Buck Mfg. Co. ("Prahm" & "Lanius" Metallic, also Bunting), 210-14 N 3rd, St. Louis, Mo.
 Patton R. J. & Co., 222 E 4th, Cincinnati, O.

4839—Flangers (Snow)

Railway Appliance Co. ("Priest" & "Ray" Self Contained), 122 S Michigan av, Chicago, Ill.
 Russell Car & Snow Plow Co., Ridgway, Pa.

4840—Flanges (Bibb)

American Foundry & Mfg. Co., (Brass), 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco"), Waterbury, Conn.
 Glauber Brass Mfg. Co. (Brass), Cleveland, O.
 Hays Mfg. Co., Erie, Pa.
 McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

4841—Flanges (Boiler, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Sundberg Co., 1024 W Kinzie, Chicago, Ill.

4842—Flanges (Brass)

Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
 LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 McNab & Harlin Mfg. Co., 55 John, New York
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*
 New York Brass Foundry Co., 104 Centre, New York
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

4843—Flanges (Cast & Malleable Iron)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 American Foundry & Mfg. Co. (Cast Iron), 11th & Herbert, St. Louis, Mo.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Donaldson Iron Co., Emaus, Pa.
 General Fire Extinguisher Co. (Cast Iron Only), Providence, R. I.
 Hays Mfg. Co. (Cast Iron), Erie, Pa.
 Kaltenthaler H. J. (Grey & Gun Iron, Cast Steel & Bronze), 234 Cherry, Phila., Pa.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 Kennedy Valve Mfg. Co. (Cast Only), Elmira, N. Y.
 LUNKENHEIMER CO. (Cast) Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 Malleable Iron Fittings Co. ("M. I. F. Co." Mall.), Branford, Conn.
 McNab & Harlin Mfg. Co., 55 John, New York
 National Malleable Casting Co. (Malleable Iron), 7706 Platt, S E, Cleveland, O.
 National Tube Co. (Also Extra Heavy Brass), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Philadelphia Roll & Machine Co. (Cast Iron & Steel), 23d & Washington av, Phila., Pa.
 Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Standard Cast Iron Pipe & Foundry Co. (Grey Iron), Bristol, Pa.

4844—Flanges (Companion)

American District Steam Co. (Slotted Angle & Adjustable Wedge), North Tonawanda, N. Y.
 American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 Edward Valve & Mfg. Co. ("Edward" Heavy Forged Steel), 343 S Dearborn, Chicago, Ill.
 Essex Foundry, Murray, Newark, N. J.
 Kaltenthaler H. J., 234 Cherry, Phila., Pa.
 LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

4845—Flanges (Floor, Closet Connection)

Edwardsville Brass Co., Edwardsville, Ill.
 Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.
 Pittsburgh Brass Mfg. Co. (Brass), Pittsburgh, Pa.
 Prier Brass Mfg. Co., Kansas City, Mo.
 Standard Sanitary Mfg. Co. ("Durham" Ball Joint), Bessemer bldg, Pittsburgh, Pa.
 Trenton Brass & Machine Co., Trenton, N. J.
 Trenton Potteries Co. ("Donovan"), Trenton, N. J.

4846—Flanges (Floor & Ceiling)

Advance Mfg. Co., Erie, Pa.
 American Brass & Copper Co. (Brass Floor Flanges), 138 Lafayette, New York
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco"), Waterbury, Conn.
 Edwardsville Brass Co. (Closet Floor), Edwardsville, Ill.
 Glenn Fred. E., St. Charles, Ill.
 Hays Mfg. Co., Erie, Pa.
 Modern Iron Works, Quincy, Ill.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Newbury J. H., Goshen, N. Y.
 Pittsburgh Brass Mfg. (Brass Closet Floor), Pittsburgh, Pa.
 Trenton Potteries Co. ("Donovan" Closet Floor), Trenton, N. J.

4847—Flanges (Hub)

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*
 AMERICAN SPIRAL PIPE WORKS (Heavy Forged & Rolled Steel), Chicago, Ill. *See adv index at end of book*

Bossert Corporation (The) (For Wood or Wire Automobile Wheels), Utica, N. Y.
See adv index at end of book
 Crosby Co., 183 Pratt, Buffalo, N. Y.
 Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.
 Gier Pressed Steel Co., Lansing, Mich.
 Hartford Machine Screw Co., Hartford, Conn.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Hydraulic Pressed Steel Co., Cleveland, O.
 Mossberg Frank Co. (Automobile & Carriage), Attleboro, Mass.
 National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.
 Worcester Pressed Steel Co., Worcester, Mass.

4848—Flanges (Pipe)

See also Fittings, Flanged, also Fittings, Pipe
 Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
 Dart E. M. Mfg. Co. ("Dart"), 136 Clifford, Providence, R. I.
See adv index at end of book
 Imperial Iron Works (Inc.) (High & Low Pressure), Duluth, Minn.
 Jarecki Mfg. Co. (Cast Iron), Erie, Pa.
 Jefferson Union Co. ("Jefferson"), Lexington, Mass.
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 MASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 National Valve & Mfg. Co. (Cast Iron), 31st & Liberty, Pittsburgh, Pa.
 Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 SHAW BENJ. F. CO., 501 E 2d, Wilmington, Del. *See adv index at end of book*
 Standard Steel Works Co. (Steel), Morris bldg, Phila., Pa.
 Tamaqua Mfg. Co. (Cast Iron), Tamaqua, Pa.

4849—Flanges (Pipe, Forged Steel)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
 Ladish Drop Forge Co., Cudahy, Wis.
 Midvale Steel Co. (Peened, Screwed, Plain, etc.), Phila., Pa.
 Millersburg Fifth Wheel Co., Millersburg, Pa.
 O'Leary Arthur J. & Son Co., 65th & 57th av, Chicago, Ill.
 Railway Steel Spring Co. (For Weldless Forged & Rolled Steel), 30 Church, New York
 SHAW BENJ. F. CO., 501 E 2nd, Wilmington, Del. *See adv index at end of book*
 Standard Steel Works Co., Morris bldg., Phila., Pa.

4850—Flanges (Pipe, Pressed Steel)

Central Iron & Steel Co., Harrisburg, Pa.
 Glasgow Iron Co., Pottstown, Pa.
 Lukens Steel Co., Coatesville, Pa.
 Worth Bros. Co., Coatesville, Pa.

4851—Flanges (Pipe, Rolled Steel)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
 Midvale Steel Co., Phila., Pa.
 Penna. Forge Co., Wakeling & Bermuda, Phila., Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 SHAW BENJ. F. CO., 501 E 2nd, Wilmington, Del. *See adv index at end of book*

4852—Flanges (Pump)

Crestline Mfg. Co. ("Crestline" for Cased Wells), Crestline, O.

4853— Flanges (Railing)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

4854— Flanges (Roof)

Acme Mfg. Co. ("Acme" Adjustable), Bangor, Me.
 Adjusto Specialty Co. ("Adjusto" Galvanized Iron & Copper), Springfield, Mass.
 Bourneuf Louis Corp., Lynn, Mass.
 Bullard Specialty Co. (Adjustable), Tiffin, O.
 Davis-Watson Mfg. Co. ("Watson"), Nashua, N. H.
 Go-Ro Mfg. Co., 826 Baronne, New Orleans, La.
 Hessler Co. ("McGuire," "Star" Adjustable), Syracuse, N. Y.
 Manchester J. B. Co., 190 Eddy, Providence, R. I.
 Prier Brass Mfg. Co. ("Flash," "S. M. S." Lead), Kansas City, Mo.
 Witch Mfg. Co., Salem, Mass.
 Wizard Mfg. Co. ("Wizard"), 15 Fayette, Boston, Mass.

4855—Flanges (Safety, Emery Wheel)

Webster & Perks Tool Co., Springfield, O.

4855a—*Flanges (Saw Shingle)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

4855b— Flanges (Steel Welded)

STANDARD PARTS CO., W 73rd, Cleveland, O. *See adv index at end of book*

4856— Flanges (Welded)

American Foundry & Construction Co., 2d av & Longworth, Pittsburgh, Pa.
 Ballwood Co. ("Ballwood" up to 5000 lbs. Pressure), 30 Church, New York
 Kellogg M W. Co., 90 West, New York
See adv index at end of book
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
SHAW BENJ. F. CO., 501 E 2nd, Wilmington, Del.
See adv index at end of book

4857— Flanges (Wheel)

National Malleable Castings Co. (For Buggies, Wagons, etc.), Cleveland, O.

4858— Flannels (Cotton)

Appleton Co. (White & Colored Outing), Lowell, Mass.
 Aurora Cotton Mills (Outing), Burlington, N. C.
 Boston Duck Co., Bondsville, Mass.
 Brogan Mills (Flannelettes), Anderson, S. C.
 Brown Mfg. Co. (Domets), Concord, N. C.
 Chicopee Mfg. Corp., Chicopee Falls, Mass.
 Durham Cotton Mfg. Co., East Durham, N. C.
 Eagle & Phenix Mills (Kimona Outing), Columbus, Ga.
 Elmira Cotton Mills Co. (Outing), Burlington, N. C.
 Erwin Cotton Mills Co. (Mottled & Canton), West Durham, N. C.
 Falls Co. (Domets, Outing, etc.), Norwich, Conn.
 Glencoe Mills (Domets), Burlington, N. C.
 Hamilton Mfg. Co. (Domets, Canton, Mottled & Solid Cotton), Lowell, Mass.
 Indian Head Mills of Ala., Cordova, Ala.
 Jackson Co., Nashua, N. H.
 Locke Cotton Mills Co., Concord, N. C.
 Manetta Mills, Lando, S. C.
 Mass. Cotton Mills (Canton), Lowell, Mass.
 Minneola Mfg. Co. (Dress & Outing), Gibsonville, N. C.
 Nashua Mfg. Co., Nashua, N. H.
 Old Colony Mfg. Co., Taunton, Mass.
 Pemberton Co., Lawrence, Mass.
 Revolution, Cotton Mills (Colored & Bleached Canton), Greensboro, N. C.
 Rushton Cotton Mills (Domets), Griffin, Ga.
 Southern Mfg. Co. (Canton), Athens, Ga.
 Thorndike Co., Thorndike, Mass.
 Travora Mfg. Co. (Heavy Napped), Graham, N. C.
 Tremont & Suffolk Mills (Canton & French), Lowell, Mass.
 Whittenton Mfg. Co., Taunton, Mass.
 Williamson J. N. & Sons Co. (Domets & Flannelettes), Burlington, N. C.

4859— Flannels (Woolen)

Agawam Co., Agawam, Mass.
 Algonquin Co., Passaic, N. J.
 Alpena Woolen Mill Co., Alpena, Mich.
 Amana Society, Amana, Ia.
 Anchor Woolen Mills, Maryville, Tenn.
 Apollo Woolen Mills, Apollo, Pa.
 Atlantic Mills, 120 Manton av, Providence, R. I.
 Ballard Vale Mills Co. (Fine White), Ballard Vale, Mass.
 Barnesville Mfg. Co., Barnesville, W. Va.
 Barron Woolen Mill Co., Barron, Wis.
 Bedford Mills Co., Bedford City, Va.
 Birdsall Bros. Co., Honesdale, Pa.
 Blue J. J. & Son, Ettrick, Wis.
 Botany Worsted Mills, Passaic, N. J.
 Brown's G. Sons, Mount Joy, Pa.
 Brownsville Woolen Mills Co., Brownsville, Ore.
 Brunger S. & Co., Sullivan, Ind.
 Buckhannon Woolen Mills, Buckhannon, W. Va.
 Buell Mfg. Co., St. Joseph, Mo.
 Cal. Woolen Mfg. Co., California, Mo.
 Carlton E. G. & Sons (White), Rochdale, Mass.
 Carruth J. G. & Co., Indiana av & Rosehill, Phila., Pa.
 Cedar Bluff Woolen Co., Cedar Bluff, Va.
 Cedarburg Woolen Mills, Cedarburg, Wis.
 Chapel Mills Mfg. Co., Cherry Valley, Mass.
 Cheshire Mills (All Wool Plain & Twilled Colored Flannels), Harrisville, N. H.
 Davis C. M. & Co. (White), Northfield, Vt.
 Dodge-Davis Mfg. Co., Bristol, N. H.
 Dole E. & Co., Campton, N. H.
 Dresden Woolen Mills, Dresden, O.
 Eugene Woolen Mill Co., Eugene, Ore.
 Fabyan Woolen Co. (Cotton Warp Shirting), Stafford Springs, Conn.
 Faribault Woolen Mill Co., Faribault, Minn.
 Farnsworth Co., Lisbon Center, Me.
 Freeland Mfg. Co., Freeland av & Walnut, La., Phila., Pa.
 Gibboney A. R. & Co., Reedsville, Pa.
 Goodwin C. E. & Sons, Cumberland Gap, Tenn.
 Graff P. & Co., Worthington, Pa.
 Groveland Mills, South Groveland, Mass.
 Harris Emery Co. (White), Penacook, N. H.
 Heathcote S. E. & Co., Glen Rock, Pa.
 Heikes E. K., York Springs, Pa.
 Houlton Woolen Mill, Houlton, Me.
 Howarth A. & Son (White), Oxford, Mass.
 Jamestown Worsted Mills, Jamestown, N. Y.
 Kay T. Woolen Mill Co., Salem, Ore.
 Keller J. B., Houserville, Pa.
 Kennedy D. & Sons, Monticello, Wis.
 Kent T. Mfg. Co., Clifton Heights, Pa.
 Langville Woolen Mills Co., Langville, Pa.
 Liebhart William L. & Co., Middletown, Ind.
 Litchfield Woolen Mills Co., Litchfield, Minn.
 Lonsdale's J. Sons, Dale, Ia.
 McAnespie J. & Co., Lancaster, O.
 Mahaffy Bros., Pulaski, N. Y.
 Melville Woolen Co. (Men's), Chambersburg, Pa.
 Morrison Woolen Co., Dexter, Me.
 Mystic Woolen Co., Mystic, Conn.
 Nashua Woolen Mills, Nashua, Ia.
 Newton & Co., Homer, N. Y.
 North Berwick Co. (French), North Berwick, Me.
 North Star Woolen Mill Co., 228 S 2nd, Minneapolis, Minn.
 Olney G. W. Woolen Co. (White), Cherry Valley, Mass.
 Patrick F. A. & Co., Duluth, Minn.
 Pondville Woolen Mills, Auburn, Mass.
 Portland Woolen Mills, Portland, Ore.
 Prairie du Chien Woolen Mill Co., Prairie du Chien, Wis.
 Rich J. & Bros., Woolrich, Pa.
 Richards Dexter & Sons Co., Newport, N. H.
 Schaeffer J. M., Sandy Lake, Pa.
 Seymour Woolen Mills Co. (Skirtings), Seymour, Ind.
 Shuler & Benninghofen, Hamilton, O.
 Slater S. & Sons, Webster, Mass.
 Spangler W. H., Fitzpatrick, W. Va.
 Stevens C. A. & Co. (White), Ware, Mass.
 Stickler J. M., Mauston, Wis.
 Stirling Woolen Mills (All Wool), Lowell, Mass.
 Sutton's Mills, North Andover, Mass.
 Talbot Mills, North Billerica, Mass.

Vaughn C. P. & Dunn, Willis, Va.
 Virginia Woolen Co., Winchester, Va.
 Webb T. A. W. & Son, Allensville, Pa.
 West End Woolen Mills Co., 64th & South, Phila., Pa.
 Woodcock A. B., Waterside, Pa.
 Yantic Woolen Co., Yantic, Conn.

4860— Flare Lights

Carbic Mfg. Co., 301 So 55th av, Duluth, Minn.
 Prest-O-Lite Co., Indianapolis, Ind.

4861—Flashers (Electric Sign)

A. & W. Electric Sign Co., Cleveland, O.
 American Model & Instrument Co. ("Amico"), Worcester, Mass.
BETTS & BETTS CORP ("Betts"), 513 W 42d, New York
 Campbell Electric Co., 17 Stewart, Lynn, Mass.
 Electric Carriage Call & Specialty Co. ("Perfection"), 311 W 40th, New York
 Electric Flasher Co., 800 5th av, New York
 Emerson Electric Mfg. Co., 2024 Wash. av, St. Louis, Mo.
 Farr Telephone & Construction Supply Co., ("D. & L"), 112 N 5th av, Chicago, Ill.
 Flexlune Sign Co., 1453 Niagara, Buffalo, N. Y.
 Gillette Electric Street Clock Co., 728 Buckingham pl, Chicago, Ill.
 Grazier Elec. Sign Products Co., Johnstown, Pa.
 Greenwood Adv. Co., 1942 S Main, Los Angeles, Cal.
 Haller Sign Works, 213 W Austin, Chicago, Ill.
 Hoggson S. H. & Co. ("Hemofam"), 17 Thames, New York
 Norden Elec. Sign Co., 311 W 40th, New York
 Phelps Mfg. Co. ("Skedoodle"), 265 Jefferson av, Detroit, Mich.
 Reynolds-Dull Flasher Co. ("Dull's"), 18 S 5th av, Chicago, Ill.
 Reynolds Electric Co. ("Reco"), 442 S Talman av, Chicago, Ill.
 Ryan M. C. Co. ("Phoenix"), Phoenix, N.Y.
 Tecla Elec'l Laboratory, 195 Cass av, Detroit, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4862— Flashings (Roof)

Acme Mfg. Co. ("Acme"), Bangor, Me.
 Berger Mfg. Co., Canton, O.
 Davis-Watson Mfg. Co. ("Watson"), Nashua, N. H.
 Prier Brass Mfg. Co. ("Prier" Lead), Kansas City, Mo.
 Standard Sheet Metal Mfg. Co., Washington, Pa.
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Also Wall, etc), Wheeling, W. Va.

4863—Flashlights (Electric Lamp & Lantern)

Ajax Elecl. Spec. Co., St. Louis, Mo.
 American Carbon & Battery Co., E St. Louis, Ill.
 American Ever Ready Works ("Ever-Ready Daylo"), Thompson av, L. I. City, New York
 Anglo-American Co., 634 Smithfield, Pittsburgh, Pa.
 B. & C. Mfg. Co., 290 Church, New York
 Bright Star Battery Co., 316 Hudson, New York
 Burgess Battery Co., Madison, Wis.
 Burgess C. F. Laboratories, Madison, Wis.
 Delta Elec. Co., Marion, Ind.
 Electro Importing Co., 233 Fulton, New York
 Elux Miniature Lamp Division, 16 E 40th, New York
 Enterprise Elec. Nov. Co., 137 Greene, New York
 Flashlight Battery Co., 131 Wooster, New York
 French Battery & Carbon Co., Madison, Wis.
 Hansen Marvin W., 38 11th, Toledo, O.
 Hawthorne Mfg. Co., Inc., Spruce & Howard, Bridgeport, Conn.
 Import Sales Co., 318 E 32d, New York
 International Battery Co., 453 Broome, New York

Interstate Electric Novelty Co., 104 So 4th, Brooklyn, N. Y.
Manufacturers & Inventors Elec. Co. ("Cats Eye"), 29 Gold, New York
 Marcuson E. ("Knockabout"), 136 Liberty, New York
 National Carbon Co., Cleveland, O.
 National Marine Lamp Co., Forestville, Conn.
 Northwestern Storage Battery Co., 140 Mason, Milwaukee, Wis.
 Portable Elec. Safety Light Co. ("Hubbell"), 10 Johnson, Newark, N. J.
 Providence Electric Mfg. Co. ("Nitelite," "Little Rhody"), 23 Broad, Providence, R. I.
 Radium Light Co., Arrott bldg, Pittsburgh, Pa.
 Roka Battery Co., 318 E 32d, New York
 Solar Light Co., 69 Wooster, New York
 Standard Electric Novelty Co., 730 W Randolph, Chicago, Ill.
 Stanley & Patterson ("Matchless"), 23 Murray, New York
 Strobel & Wilken Co. ("Yankee" Imp.), 61 W 23rd, New York
 Tardie E. J., 240 6th av, New York
 Union Battery Co., Belleville, N. J.
 Universal Carbon Co., Dundee, Ill.
 Universal Novelty Works ("Eclipse," "Milwaukee"), 147 W 23d, New York
 Usona Mfg. Co. ("Kwik-lite"), 1 Hudson, New York
 Vesta Accumulator Co., 2100 Indiana av, Chicago, Ill.
 Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.
 Wilhelm Henry, 70 Frost, Brooklyn, N. Y.
 Wood C. D. Electric Co., 441 B'way, New York

4864— Flask Stock (Wood)

Johnson Lumber Co., Milwaukee, Wis.

4865— Flasks (Molders')

Adams Co. (Cherry Snap), Dubuque, Ia.
 Arcade Mfg. Co. ("Arcade" Snap), Freeport, Ill.
 Baldwin, Tuthill & Bolton ("B. T. & B." All Steel Snap), Grand Rapids, Mich.
 Barnett Oscar Foundry Co. ("Barnett" Molders & "New Diamond" Snap), Irvington, N. J.
 Berkshire Mfg. Co. (Aluminum & Wood Snap also Iron), Cleveland, O.
 Brass Founders' Supply Co. (For Brass Fdrs., Ribbed, etc), Hamberg pl, Newark, N. J.
 Bridgeport Die & Machine Co. ("Bridgeport" Snap), Bridgeport, Conn.
 Buch Foundry Equipment Co. (Snap), Bridgeport, Pa.
 Buch's A. Sons Co., Elizabethtown, Pa.
 Columbiana Boiler Co., Columbiana, O.
 Diamond Clamp & Flask Co. ("Diamond" Snap), Richmond, Ind.
 Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
 Grabo E. O. Machine Works, 180 Centre, New York
 Green C. A. Co. ("Snap"), Toledo, O.
 Hill & Griffith Co. ("Snap"), 1248 State av, Cincinnati, O.
 Jurack Chas. (Cherry Snap), 201 Oregon, Milwaukee, Wis.
 Middleditch Benj., Detroit, Mich.
 Morner & Smith (Aluminum Snap), Dayton, O.
 Obermayer S. Co., 2563 W 18th, Chicago, Ill.
 Osborn Mfg. Co., 5405 E Hamilton av, Cleveland, O.
 Shanafelt Mfg. Co., Canton, O.
 Smith & Caffrey Co. ("New Eureka" Snap), Syracuse, N. Y.
SNEAD & CO. IRON WORKS, INC., 98 Pine, Jersey City, N. J.
See adv index at end of book
 Stearns E. C. & Co. ("Stearns" Snap), 450 Oneida, Syracuse, N. Y.
 Sterling Wheelbarrow Co. ("Sterling" Rolled Steel Snap), Milwaukee, Wis.
TREADWELL CONSTRUCTION CO. (Structural Steel), Midland, Pa.
See adv index at end of book
 Turner Machine Co., 3632 N Lawrence, Phila., Pa.
 Woodison E. J. Co., Detroit, Mich.

4865a—*Flasks (Steel Foundry)

DOPP J. W. & CO. ("Sterling Lines" Dealers), 1420 Dime Bk. bldg, Detroit, Mich.

Flat Irons

See Sad Irons

4866— Flatters

Atha Tool Co. (Round or Square), Chapel, Newark, N. J.

4867— Flax

Blehdon V. R., Brisbane bldg, Buffalo, N. Y.
 Livingston Jas. Flax Co., Ltd. (Hackled), Yale, Mich.
 Minnesota Fibre Co. (Spinning), Heron Lake, Minn.
 Union Fibre Co., Winona, Minn.

4868— Flaxseed

Ankeny Linseed Mfg. Co. (Screened & Ground), Des Moines, Ia.
 Tetzfaff Wm. (Ground), Milwaukee, Wis.
 Trilling H. & Co. (Ground), 1228 W Arthington pl, Chicago, Ill.

4869— Fleams (Horse)

Wiebusch & Hilger (Imp), 106 Lafayette, New York
 Wostenholm Geo. & Son ("I. X. L." Imported), 105 Chambers, New York

4870— Fleshers (Tanners')

Emrick T. L., 324 Main, Cincinnati, O.

4871— Flights (Conveyor)

Bowsher N. P. Co. (Hard Maple), South Bend, Ind.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

4872— Flint

See also Quartz

Doggett Stanley (Granulated & Powdered), 11 Cliff, New York
 Dunkel S. P. & Son, Ostend & Leadenhall, Baltimore, Md.
 Eureka Flint & Spar Co. (Miners), Trenton, N. J.
 Golding Sons Co. (Also Spar Mills), Trenton, N. J.
 Guilford & Waltersville Granite Co. (Rough & Ground), Law bldg, Baltimore, Md.
 Illinois Mineral Milling Co., East St. Louis, Ill.
 New England Quartz Co. of N. Y. (Granulated, Powdered, Potters, etc), 107 William, New York
 Pennsylvania Pulverizing Co. (Ground Flint & Quartz), Lewistown, Pa.
 Product Sales Co. (Ground), 32 So Calvert, Baltimore, Md.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
 Wausau Quartz Co. (Ground), Wausau, Wis.
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

4873—Flint Pebbles & Flint Linings

Abbe Engineering Co. (Flint Pebbles for Pebble & Tube Mill), 220 B'way, New York *See adv index at end of book*
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Atkins, Kroll & Co. ("Danish"), 311 California, San Francisco, Cal.
 Buebendorf Bros. (Imp), Produce Exchange, New York
 Delarue Robert & Co., 149 B'way, New York
 Eureka Flint & Spar Co., Trenton, N. J.
 Higman John W. Co., 29 B'way, New York
 Patterson Foundry & Machine Co. (French), East Liverpool, O.
 Product Sales Co. (Imp.), 32 So Calvert, Baltimore, Md.
 Smidh F. L. & Co., 50 Church, New York
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book
 Voigt B. (French & Danish), 154 Nassau, New York

4874— Floats (Car & Grain)

American Car & Foundry Co. (Steel or Wooden), Syndicate Trust bldg, St. Louis, Mo.

4875-6— Floats (Carbureter)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
 Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.
 Goodnow & Blake Mfg. Co. (Metal), 4th & Porter, Detroit, Mich.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

4877— Floats (Copper)

American Brass & Copper Co., 138 Lafayette, New York
 American Copper & Brass Works, Cincinnati, O.
 American Pin Co. ("Wonder" & "Ampinco"), Waterbury, Conn.
 Ayling & Reichert Co. ("No-Sol" Seamless Copper), Toledo, O.
 Blessing C. A., 516 Montgomery av, Phila., Pa.
 Boekel Wm. & Co., 518 Vine, Phila., Pa.

**BOSTON BRASS CO.**

135 Bacon Street, Boston, Mass.

Boston Brass Co. ("B. B." "Dirigo" Solderless), 135 Bacon, Waltham, Mass. *See adv index at end of book*
 Cleveland Faucet Co., Cleveland, O.
 Detroit Metal Spinning Co. (For Tanks), 197 Monroe av, Detroit, Mich.
 Diamond Mfg. Co., Detroit, Mich.
 Douglas Jno. Co., Carthage, Cincinnati, O.
 Englehard Frank & Sons, 200 Franklin, Springfield, Mass.
 Gerstein Bros. & Cooper, 3 W 3d, So Boston, Mass.
 Harris Arthur & Co. (Seamless, All Kinds), 212 N Curtis, Chicago, Ill.
 Haydenville Co., Haydenville, Mass.
 Ireland & Matthews Mfg. Co., Detroit, Mich.
 Johnson J. D. Co., 54 Cliff, New York
Kraft A. C. (Also Galvanized), 323 W Lake, Chicago, Ill.
Michigan Metal Spinning & Mfg. Co. ("Non-Collapsible" Solderless), 528 Woodbridge, Detroit, Mich.
 Miller Chas. A. Co. (Corrugated, Also All Steel Seamless Porcelain Enameled), Sturgis, Mich.
 Naugatuck Mfg. Co. (Seamless), Naugatuck, Conn.
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.
 Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.
 Reliance Gauge Column Co. (Solderless), Cleveland, O.
 Rome Mfg. Co. ("Rome"), Rome, N. Y.
 Standard Brass Mfg. Co. (Spun Solderless), Utica, N. Y.
 Trageser Jno. Steam Copper Works, 447 W 26th, New York
 Trenton Brass & Machine Co., Trenton, N. J.
 Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
 Union Metal Works (Spun), Chelsea, Mass.
 Wolverine Brass Works ("Kant-Leak"), Grand Rapids, Mich.

4878— Floats (Crockery)

Bellmark Co., Trenton, N. J.
 Maddock Jno. & Sons, Trenton, N. J.
 Standard Sanitary Pottery Co., Elizabeth, N. J.
 Trenton Potteries Co., Trenton, N. J.

Floats (Fishing)

See Fishing Tackle Mfrs.

4879— Floats (Glass)

Dargent Chas., 360 Crescent, Brooklyn, N. Y.
 Heap Wm. & Sons, Grand Haven, Mich.

Floats (Life)

See Life Rafts

4880—Floats (Plasterers' Plain Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Floats (Tell Tale)

See Alarms, Tank

4881—*Floats (Wooden)

Estes E. B. & Sons, 358 5th av, New York. See adv index at end of book

4882—Floor Coverings

Barrett Co., 17 Battery Pl, New York
 Bird & Son ("Neponset"), East Walpole, Mass.
 McHenry-Millhouse Mfg. Co. ("Palmetto"), South Bend, Ind.

Floor Dressing

See Floor Oils, Dust Absorbing

4883—Floor Finish

Acme White Lead & Color Works, Detroit, Mich.
 Adams & Elting Co. ("Ad-el-ite" Floor Varnish), 726 Washington blvd, Chicago, Ill.
 Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.
 Atlantic Varnish Works, Inc. ("Floor-enite"), Richmond, Va.
 Babcock John & Co., Allston, Boston, Mass.
BINSWANGER B. & CO. ("Zanzibolio"), 827 N 3d, Phila., Pa.
 Borden Varnish Co. ("Floor Shine"), 816 S Vandeventer av, St. Louis, Mo.
 Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.
 Bowers U. R. & Sons ("Afro-Lac"), Los Angeles, Cal.
 Boydell Bros. White Lead & Color Co., Detroit, Mich.
 Bridgeport Wood Finishing Co., New Milford, Conn.
 Butcher Polish Co. ("Butcher's Boston Polish" & "No. 3 Reviver"), 356 Atlantic av, Boston, Mass.
 Calman Emil & Co. ("Floor Flat Lac"), 100 William, New York
 Carpenter-Morton Co. ("Campbell"), 77 Sudbury, Boston, Mass.
 Chicago Varnish Co. ("Supremis"), 2100 Elston av, Chicago, Ill.
 Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.
 Cleveland Varnish Co. ("Permanere"), 3111 E 87th, Cleveland, O.
 Devoe & Reynolds Co., Inc. ("Devoe," Marble), 101 Fulton, New York
 Floor-Shine Mfg. Co., 2744 Olive, St. Louis, Mo.

GILMAN CHAS. H. ("Drescote"), 103 Merrimack, Boston, Mass.
 Glidden Varnish Co. ("M. P." Durable Floor, "Jap a lac"), 1755 W. Madison, Cleveland, O.
 Hanna Paint Mfg. Co. ("Lustro"), Columbus, O.
 Harland Wm. & Son ("Wont-Mar"), Buffalo, N. Y.
 Harrisons, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Johnson S. C. & Son ("Johnson's" Kleen Floor), Racine, Wis.
 Keystone Varnish Co. ("Floorstona," "Keystone"), 71 Otsego, Brooklyn, N. Y.
 Lawrence W. W. & Co. ("Lik-E-Name!" for Floors, Furniture, etc), W Carson, Pittsburgh, Pa.
 Lilly Varnish Co. (Parquetry Floor Preservative), Indianapolis, Ind.
 Lincoln Paint & Color Co. ("Tintolac"), Lincoln, Neb.
 Louisville Varnish Co., Louisville, Ky.
 Masury Jno. W. & Son ("Nomar"), 50 Jay, Brooklyn, N. Y.
 Murphy Varnish Co. ("Transparent"), McWhorter, Newark, N. J.
 Newark Varnish Works ("Best" Elastic), 111 Delancey, Newark, N. J.

Nice Eugene E. ("Trokal" Liquid), 272 S 2d, Phila., Pa.
 See adv index at end of book
 Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
 O'Brien Varnish Co. ("Pyramid"), South Bend, Ind.
 Patterson-Sargent Co. ("China-Lac"), Cleveland, O.
 Pratt & Lambert, 185 Madison av, New York
 Smith Edward & Co. ("I. X. L."), 127 W av, Long Island City, N. Y.
 Standard Varnish Works (Gutta Percha & Flatline "Elastica," "Lacqueret," "Stanvar"), 2589 Richmond ter, Elm Park, N. Y.
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
 Vilas Bros. (Floorum Varnish), 717 S 5th av, Chicago, Ill.
 Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.
 Waterall Wm. & Co. ("Floorcote"), Camden, N. J.
 Whitehead Paint Co., 34 Pine, New York
 Wiley I. H. Waxene Co. ("Wiley's Waxene"), 68 Dover, W Boston, Mass.
 Wood-Mosaic Co., New Albany, Ind.
 Wadsworth, Howard & Co. ("Bay State"), 141 Federal, Boston, Mass.

Floor Lights

See Vault & Sidewalk Lights, Plain & Prismatic

4884—Floor Oils (Dust Absorbing)

Alcatraz Co., Inc. ("Deo"), 3200 Williamsburg av, Richmond, Va.
 American Dust Absorbing Floor Oil Co., 100 Greene, New York
 Apothecaries Hall Co. ("Essex," "Revival"), Waterbury, Conn.
 Bird J. A. & W. & Co. ("Globe"), 88 Pearl, Boston, Mass.
 Brown Chas. H. Paint Co. ("Statesman"), 188 Montague, Brooklyn, N. Y.
 Dexter Bros. Co. (English Wood Oil Polish), 105 Broad, Boston, Mass.
 Emery Mfg. Co., Bradford, Pa.
 Glidden Varnish Co. ("Glidden" Concrete Floor Dressing for Concrete & Cement Floors), 1755 W Madison, Cleveland, O.
 Great Western Oil Co., Cleveland, O.
 Lewis Samuel ("Alpine Wax Oil"), 73 Barclay, New York
 Ohio Chemical Co., Findlay, O.
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York
 Standard Chemical Co., Houston, Texas
 Standard Oil Co. of N. J., 26 B'way, New York
 Texas Co., 17 Battery pl, New York
 Thumb E. W. ("Sunshine" Wax Oil), 872 Orleans, Chicago, Ill.
 Winn Wm. R. (Jobbers), 143 Maiden la, New York

4885—Floor Polish (Hard Wax)

Acme White Lead & Color Works ("Colonial"), Detroit, Mich.
 Bird J. A. & W. & Co. ("Globe"), 88 Pearl, Boston, Mass.
 Boyle A. S. & Co. ("Old English"), 1934 Dana Evan, Cincinnati, O.
 Bridgeport Wood Finishing Co., New Milford, Conn.
 Brown Chas. H. Paint Co. ("Binne"), 188 Montague, Brooklyn, N. Y.
 Butcher Polish Co. ("Butcher's Boston Polish"), 356 Atlantic av, Boston, Mass.
 Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
 Devoe & Reynolds Co., Inc., 101 Fulton, New York
 Gold Medal Polish Co., Racine, Wis.
 Great Western Oil Co., Cleveland, O.
 Johnson S. C. & Son, Racine, Wis.
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.
 Lincoln Paint & Color Co., Lincoln, Neb.
 Lowell Polish Co., Lowell, Mass.
 Penn Oil & Supply Co. Ltd., Oil City, Pa.
 Pratt B. G. Co. ("Hydrowax" For Cleaning & Polishing), 50 Church, New York
 Sherwin-Williams Co., Cleveland, O.
 Texas Co. ("Texaco" Liquid), 17 Battery pl, New York

Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.
 Wiley I. H. Waxine Co. ("Waxine"), 11 Dover, W Boston, Mass.
 Wood-Mosaic Co., New Albany, Ind.

4886—Floor Stands for Valves

Darling Pump & Mfg. Co., Williamsport, Pa.
 Ludlow Valve Mfg. Co. (Plain, Geared & Combination, Hand & Motor Operated), ft of Adams, Troy, N. Y.
LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.
 See adv index at end of book
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Pratt & Cady Co. ("P & C"), Hartford, Conn.
 Simmons John Co., 110 Centre, New York

4887—Floor Treads (Electric Bell)

Renim Specialty Co. ("Renim" for Use with Rigid or Flexible Metallic Conduit, etc), Brighton, Boston, Mass.

4888—Flooring (Car)

See also Flooring, Sanitary

Berger Mfg. Co. ("Keystone"), Canton, O.
 Dunbar Mfg. Co. ("Chanarch"), 52d & Lake, Chicago, Ill.

Flooring (Composition)

See Flooring, Sanitary)

4889—Flooring (Hard Wood)

See also Flooring, Oak

Acme Hardwood Floor Co., 1144 Sutter, San Francisco, Cal.
 American Sash & Door Co. (Wholesale), Kansas City, Mo.
 Armstrong Landon Co., Kokomo, Ind.
 Arpin Hardwood Lumber Co., Grand Rapids, Wis.
 Brown-Mitchison Co., Marinette, Wis.
 Bruce, E. L. Co., Little Rock, Ark.
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
 Central Warehouse Lumber Co., Pillsbury & Territorial, Minneapolis, Minn.
 Cincinnati Floor Co., 228 W 4th, Cincinnati, O.
 Cobbs & Mitchell (Inc.), (Electric, Maple & Beech), Cadillac, Mich.
 Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
 Dennis A. L. Salt & Lumber Co. (Birch & Maple), Grand Rapids, Mich.
 Dunfee J. & Co., 40 N Franklin, Chicago, Ill.
 Eaglesfield & Shepard, Indianapolis, Ind.
 Eckenroth F. & Son, 921 E 5th, New York
 Elias G. & Bro., 965 Elk, Buffalo, N. Y.
 Emporium Lumber Co., Utica, N. Y.
 Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
 Hardwood Interior Co., 554 Bryant, San Francisco, Cal.
 Harris Mfg. Co., Johnson City, Tenn.
 Heaton & Wood, 1802 Chestnut, Phila., Pa.
 Inlaid Floor Co., 600 Alabama, San Francisco, Cal.
 Interior Hardwood Co. The, Indianapolis, Ind.
 Knoxville Lumber & Mfg. Co., Knoxville, Tenn.
 Lancaster Harry & Co., Lebanon, Ky.
 Mansfield Lumber Co., Mansfield, O.
 Mueller Lumber Co., Davenport, Ia.
 New Glasgow Planing Mill Co. (Beech, Oak, etc), Glasgow, Ky.
 Nichols & Cox Lumber Co., Grand Rapids, Mich.
 North Vernon Lumber Co. ("Indiana" Brand), North Vernon, Ind.
 Osborne & Clark, Lumber Exchange, Minneapolis, Minn.
 Robbins Lumber Co., Rhinelander, Wis.
 Robinson Edwards Lumber Co., Burlington, Vt.
 Rogers Lumber Co., Warren, Pa.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
 See adv index at end of book
 Waccamaw Lumber Co. (Bay, Poplar, N. C. Pine & Cypress), Bolton, N. C.

Western Sash & Door Co., Kansas City, Mo.
 Wilce T. Company, 2209 Throop, Chicago, Ill.
 Wisconsin Land & Lumber Co., Hermansville, Mich.
 Wood-Mosaic Co., New Albany, Ind.
 Young W. D. & Co. (Wholesale Mfrs.), Bay City, Mich.

4890—Flooring (Maple)

American Sash & Door Co. (Wholesale), Kansas City, Mo.
 Babcock Lumber Co., Frick bldg, Pittsburgh, Pa.
 Bliss & Van Auken, Saginaw, Mich.
 Bruckman Lumber Co., Preble nr Island, N S, Pittsburgh, Pa.
 Bruner Owen M. Co., Land Title bldg, Phila., Pa.
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
 Cobbs & Mitchell ("Electric" Maple & Beech), Cadillac, Mich.
 Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
 Cumer-Diggins Co., Cadillac, Mich.
 Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.
 Dennis A. L. Salt & Lumber Co. ("National"), Grand Rapids, Mich.
 Dwight Lumber Co. (And Wholesale Dealers), Detroit, Mich.
 East Jordan Lumber Co. ("Imperial"), East Jordan, Mich.
 Eastman S. L. Flooring Co. ("Saginaw" Brand), Saginaw, Mich.
 Flanner-Steger Land & Lumber Co., Steger bldg, Chicago, Ill.
 Forman Thos. Co. (Maple & Oak, Bored & End Matched), Fort W. & P. M. R. R., Detroit, Mich.
 Gordon Vantine Co., Davenport, Ia.
 Grand Rapids Lumber Co., Grand Rapids, Mich.
 Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
 Griffith Webster, Ebensburg, Pa.
 Hettler Herman H. Lumber Co. ("Modern" Brand), 2601 Elston av, Chicago, Ill.
 Horner Wm., Reed City, Mich.
 Kerry & Hanson Flooring Co. ("Chief" Brand), Grayling, Mich.
 Krouskop A. H., Richland Center, Wis.
 Lobdell Emery Mfg. Co., Onaway, Mich.
 Mansfield Lumber Co., Mansfield, O.
 Maple Flooring Mfrs. Ass'n., Stock Ex. bldg, Chicago, Ill.
 Mason-Donaldson Lumber Co., Rhinelander, Wis.
 Mitchell Bros. Co. ("Rockhard"), Cadillac, Mich.
 Morgan Co., Oshkosh, Wis.
 Nichols & Cox Lumber Co., Grand Rapids, Mich.
 Nicola Lumber Co., Farmers Bk bldg, Pittsburgh, Pa.
 North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
 Osgood & Blodgett Mfg. Co. ("X. L. C. R." Brand), Duluth av & E 7th, St. Paul, Minn.
 Rittenhouse & Embree Co. ("Gilt Edge"), 3500 S Racine av, Chicago, Ill.
 Robbins Lumber Co. ("Robbins" Rock Maple), Rhinelander, Wis.
 Schroeder Jno. Lumber Co., ft Walnut, Milwaukee, Wis.
STEARNS A. T. LUMBER CO. (Lumber), 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
 Stephens Henry & Co., Farwell bldg, Detroit, Mich.
 Stephenson I. Co. ("Ideal" Rock Maple), Wells, Mich.
 Ward Bros. ("Marathon"), Big Rapids, Mich.
 Wilce T. Co., 2209 Throop, Chicago, Ill.
 Williams W. E. Co., Traverse City, Mich.
 Wisconsin Land & Lumber Co. (Maple, Birch & Cherry), Hermansville, Mich.
 Young W. D. & Co., Bay City, Mich.

4891—Flooring (Oak)

See also Flooring, Maple

Abrams Flooring Co., Buffalo, N. Y.
 American Column & Lumber Co. ("American"), St. Albans, W. Va.
 American Sash & Door Co. (Wholesale), Kansas City, Mo.
 Arpin Hardwood Lumber Co. ("A-H-L" Brand, Red Bank), Grand Rapids, Mich.

Bliss Cook Oak Co. ("Dixie" Brand), Blissville, Ark.
 Bruckman Lumber Co., Preble nr Island, N S, Pittsburgh, Pa.
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
 Carrier Lumber & Mfg. Co., Sardis, Miss.
 Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.
 Dwight Lumber Co., Detroit, Mich.
 Farrin M. B. Lumber Co. ("Century," also Poplar Siding), Station av, Cincinnati, Ohio
 Forman Thos. Co. ("Forman's Famous"), Fort W M R R, Detroit, Mich.
 Gordon Vantine Co., Davenport, Ia.
 Gribben Lumber Co., 975 E 7th, St. Paul, Minn.
 Interior Hardwood Co., Indianapolis, Ind.
 Kenova Poplar Mfg. Co., Kenova, W. Va.
 Krouskop A. H., Richland Center, Wis.
 Louisiana Long Leaf Lumber Co. ("Diamond"), Fisher, La.
 Louisville Planing Mill & Hardwood Flooring Co., Louisville, Ky.
 Mansfield Lumber Co., Mansfield, O.
 Memphis Hardwood Flooring Co. ("Chickasaw" Brand), Memphis, Tenn.
 Missouri Lumber & Land Exchange Co. (Bored & Hollow Backed), R. A. Long bldg, Kansas City, Mo.
 Mitchell Bros. Co. ("Red Oak"), Cadillac, Mich.
 Moratz Paul O., Bloomington, Ill.
 Morgan Co., Oshkosh, Wis.
 Nashville Hardwood Flooring Co. ("Acorn"), Nashville, Tenn.
 Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.
 New Glasgow Planing Mill Co. ("Blue Grass"), Glasgow, Ky.
 Nichols & Cox Lumber Co., Grand Rapids, Mich.
 North Branch Flooring Co., 2415 Barry av, Chicago, Ill.
 Osgood & Blodgett Mfg. Co. ("X. L. C. R." Brand), Duluth av & E 7th, St. Paul, Minn.
 Rittenhouse & Embree Co. ("Gilt Edge"), 3500 S Racine av, Chicago, Ill.
 Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
 Rose D. M. & Co., Knoxville, Tenn.
 Salt Lick Lumber Co. ("Eureka"), Salt Lick, Ky.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
 Tenn. Oak Flooring Co. ("Tofco"), Nashville, Tenn.
 Wilce T. Co. ("Unequaled"), 2209 Throop, Chicago, Ill.
 Wood-Mosaic Co., Main Office & Works: 47 W 34th, New York, N. Y.

4892—Flooring (Sanitary)

Acme Asbestos Covering & Supply Co. ("Acmetyle"), 404 N Ada, Chicago, Ill.
See adv index at end of book
 Agatite Composition Flooring Co., 616 W Van Buren, Chicago, Ill.
 American Flooring Co. ("Amflorite" Plastic-Linoleum), 101 Park av, New York.
 American Magnesia Products Co. (Vevetile Composition), 418 W 12th pl, Chicago, Ill.
 American Mason Safety Tread Co. ("Karbolith"), Lowell, Mass.
 American Monolith Co. ("Monolith"), 765 30th, Milwaukee, Wis.
 American Torgoment Flooring Co., Hampden & Charles, Minneapolis, Minn.
 Anchor Plastic Stone Co. ("Plastone"), Los Angeles, Cal.
 Armstrong Cork & Insulation Co. (Composition, "Linotile"), 24th & A V R R, Pittsburgh, Pa.
 Asbestolith Mfg. Co., 1 Madison av, New York
 Atlas Floor Co. ("Atlas" Composition), 2401 Normal av, Chicago, Ill.
 Byerley & Sons, 2489 W 4th, Cleveland, O.
 Corrugated Bar Co. ("Corr-Plate"), Buffalo, N. Y.
 Dreadnought Flooring Co. (Cork Composition), 154 W 18th, New York
 Djourup Frantz ("Austrian-American"), 903 Wash'n Blvd, Chicago, Ill.
 Embossed Wall Covering Co. ("Unitas"), 880 N 48th, Phila., Pa.
 Flexner-Taylor Co. (Ltd.) ("F. & F. Composition Red"), 786 E Broadway, South Boston, Mass.

Flexotile Flooring Co. ("Flexotile"), Rockford, Ill.
 Flexstone Construction Co. ("Armorite" "Flexstone"), Hartman bldg, Columbus, O.
 Flinkote Mfg. Co. ("Rex Adamat"), 88 Pearl, Boston, Mass.
 Ford Mfg. Co. ("Oak-A-Nite," "Gal-Va-Nite"), 2339 La Salle, Chicago, Ill.
 General Kompolite Co. ("Kompolite"), 327 Borden av, Long Island City, N. Y.
 Hydrolith Co. ("Hydrolith"), 25 Dean, Brooklyn, N. Y.
 Idealite Co. ("Idealite" Corborundum), Cincinnati, O.
 Imperial Floor Co., Rochester, N. Y.
 Ironite Co. ("Ironite"), 111 W Washington, Chicago, Ill.
 Keasbey Robt. A. Co. ("Crown"), 445 West, New York
 Kennedy David E. (Inc.) ("Arrowlock" Electric & "Nonpareil" Cork), 53 5th av, New York
 Marbleized Sanitary Flooring Co., New Haven, O.
 Marbleoid Co. ("Sanitas," "Marbleoid"), 47 W 34th, New York
 Mineral Products Co. ("Xyno Stone"), Rhinelander, Wis.
 Minnesota Fama Stonewood Co. ("Fama Stonewood" Jointless), 1704 Rondo, St. Paul, Minn.
 Muller Franklyn R. & Co. ("Asbestone" & "Steel Bond"), Waukegan, Ill.
 National Hygienic Floor Co. ("Hy-Genia"), 1911 Pine, St. Louis, Mo.
 National Kellastone Co. ("Kellastone" Composition), 5 S Wabash av, Chicago, Ill.
 Petro Pulp Floor Co. ("Petro" Pulp), Grand Av Temple, Kansas City, Mo.
 Raecolith Flooring Co. ("Raecolith," "Watsonite"), Seattle, Wash.
 Republic Creosoting Co., Indianapolis, Ind.
 San Ti-Lite Corp., Syracuse, N. Y.
 Sanitary Composition Floor Co., Syracuse, N. Y.
 Schenectady Tile Co. (Composition), Schenectady, N. Y.
 Schillinger Bros. Co., 215 City Park av, Toledo, O.
 Superior Concrete Products Co., Russell & G T. R., Detroit, Mich.
 Taylor Ronald Co. ("Taylorite"), 500 E 20th, New York
 Tileine Universal Flooring Co., 775 1st av, New York
 Troegerlith Tile Co. (Fireproof, Water Repellent), 103 Park av, New York
 U. S. Kellastone Co. ("Kellastone"), Chicago, Ill.
 Warren Bros. Co. ("Puritan," "Colonial," "Terrazolite"), 59 Temple pl, Boston, Mass.
 Williams-Wendt Co. ("Korkstone"), 118 N La Salle, Chicago, Ill.

4893—Flooring (Wood Block)

See also Paving Blocks, Wood

Abrams Flooring Co., Buffalo, N. Y.
 Interior Hardwood Co., Indianapolis, Ind.
 Jennison-Wright Co. ("Kreolite"), Toledo, O.
 Michigan Wood Preserving Co., Pittsburgh, Pa.
 Nightingale Co. (Interlocking, Laid on Cement Only), 103 Park av, New York
 Ohio Wood Preserving Co., Commonwealth bldg, Pittsburgh, Pa.
 Pittsburgh Wood Preserving Co., Commonwealth bldg, Pittsburgh, Pa.
 Wilson J. G. Corp., The (English System), Chief Office: 8 W 40th, New York, Mills & Factory: Norfolk, Va.
 Wood-Mosaic Co., New Albany, Ind.

4894—Floors (Iron Slat, For Smoke Houses)

Gehret Bros., Bridgeport, Pa.

4895—Floors (Malt Kiln)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
 Howard & Morse, 46 Fulton, New York
 Littleford Bros., 444 E Pearl, Cincinnati, O.
 Schillinger Bros. Co., 215 City Park av, Toledo, O.
 Sicilian Asphalt Paving Co., 41 Park row, New York
 Toepfer W. & Sons, 193 Broadway, Milwaukee, Wis.

4896— Floors (Parquet)

Star (*) Indicates Manufacturers

Abrams Flooring Co., Buffalo, N. Y.
 Adams J. M., 330 N Charles, Baltimore, Md.
 Adams R. T. & Co. (Wood Mosaic Flooring Co.), 15 Milk, Boston, Mass.
 American Parquetry Floor Co., 1124 Walnut, Phila., Pa.
 *Bostwick-Goodell Co., Norwalk, O.
 Boynton John H., Flatiron bldg, New York
 Chicago Floor Co., 53 E Monroe, Chicago, Ill.
 Cincinnati Floor Co., 228 W 4th, Cincinnati, O.
 Cleveland Hardwood Floor Co., Cleveland, O.
 Dunfee J. & Co., 40 N Franklin, Chicago, Ill.
 Eaglesfield & Shepard, Indianapolis, Ind.
 *Federal Parquetry Mfg. Co., 3 W 14th, New York
 Frings Martin, 3639 N 11th, Phila., Pa.
 Halbert Geo. & W., 134 Livingston, Brooklyn, N. Y.
 Hasbrouck Flooring Co., 501 E 70th, New York
 Heaton & Wood, 1802 Chestnut, Phila., Pa.
 Indiana Flooring Co., 232 Rider av, New York
 Inlaid Floor Co., 600 Alabama, San Francisco, Cal.
 Interior Hardwood Co., Indianapolis, Ind.
 Interlaced Parquetry Co., 13 Lawrence, New York
 *Johnson S. C. & Son, Racine, Wis.
 *Koch G. W. & Son, 537 W 53d, New York
 McBride Parquetry Co., 139th & Ryder av, New York
 Moore J. C. Co., 9 S 18th, Phila., Pa.
 National Wood Floor Co., 1328 B'way, New York
 *New York Flexible Wood Flooring Co., 112 W 42d, New York
 *Nightingale Co. (Interlocking, Laid on Cement Only), 103 Park av, New York
 Northwestern Parquet Floor Co., 308 E Lake, Minneapolis, Minn.
 Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.
 *Pope Charles A., 320 E 95th, New York
 Reid, Wm. G. & Co. 16 W 47th, New York
 Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.
 Terwilliger Floor Mfg. Co., 47 W 34th, New York
 *Wood-Mosaic Co., New Albany, Ind.

Floors (Sanitary)

See Flooring, Sanitary

Flotation Oils

See Oils, Pine; also Oils, Tar

4897— Flour (Buckwheat)

Acme Milling Co., Corry, Pa.
 Albers Bros. Milling Co., Portland, Ore.
 Alert Mills, Fountain City, Wis.
 Almond Milling Co., Almond, Wis.
 Argo Milling Co., Charlevoix, Mich.
 Avis Milling Co., Waldron, Mich.
 Birkett Mills, Penn Yan, N. Y.
 Blair Milling Co., Atchison, Kans.
 Blodgett Milling Co., Janesville, Wis.
 Blyth E. J., Walworth, N. Y.
 Bohart Products Co., Clinton, Ia.
 Bowles Bros. Co., Los Angeles, Cal.
 Campbell L. G. Milling Co., Owatonna, Minn.
 Coombs Wm. A. Milling Co., Coldwater, Mich.
 Corno Mills Co., St. Louis, Mo.
 Cox A. G., Osseo, Wis.
 Dayton Milling Co., Towanda, Pa.
 Dean Silas & Son, Oak Hill, N. Y.
 Denesia C. W., Evans Mills, N. Y.
 Elk Eye Milling Co., McConnellsville, O.
 Elmore Milling Co., Oneonta, N. Y.
 Filkins O. B., Stanton, Mich.
 France Milling Co., Cobleskill, N. Y.
 Friedline Wm., Sipesville, Pa.
 Gilbert & Nichols Co., Fulton, N. Y.
 Goshen Milling Co., Goshen, Ind.
 Hale Jonathan & Sons, Lyons, Mich.
 Herrick A. H. & Son, Watertown, N. Y.
 Hunt & Washburn, Delanson, N. Y.
 Huron Milling Co., Huron, S. Dak.
 Johnson & Co., Franklin, Pa.
 King Milling Co., Lowell, Mich.
 Klinger H. J. & Co., Butler, Pa.
 Lampman J. T. & Co., Claverack, N. Y.

Larrowe Milling Co., Cohocton, N. Y.
 Messenger H. B., Federalsburg, Md.
 Michigan Milling Co., Ann Arbor, Mich.
 New Occidental Mill Co., Minneapolis, Minn.
 New Ulm Feed & Cereal Mill Co., New Ulm, Minn.
 Paterson Geo. B., Burdett, N. Y.
 Putnam E. M., Columbus, Pa.
 Rhinehart Grain Co., Unipolis, O.
 Saginaw Milling Co., Saginaw, Mich.
 Simison David D., Volant, Pa.
 Smith Joseph & Co., Stockton, N. J.
 Struve John, Lyons, Ia.
 Thompson S. M., Chilhowee, Mo.
 Tioga Mill & Elevator Co., Waverly, N. Y.
 Titus & Hicks, Battle Creek, Mich.
 Topeka Flour Mill Co., Topeka, Kans.
 Van Wyck & Stringham, Fishkill Plains, N. Y.
 Vorhis F. C., Brookton, N. Y.
 Voshell J. C., Camden, Del.
 Wapsipinicon Mill & Power Co., Independence, Ia.
 Watson-Higgins Milling Co., Grand Rapids, Mich.
 White Milling Co., Bloomsburg, Pa.
 Wiest George, Fort Atkinson, Ia.
 Willy & Co., Appleton, Wis.
 Wright Stillman & Co., Berlin, Wis.
 Youman E. E., Ravena, N. Y.

4898— Flour (Carbon)

American Carbon & Battery Co., E St. Louis, Mo.
 National Carbon Co., Cleveland, O.

4899—Flour (Core or Foundry)

Black Products Co., 135th & Calumet, Chicago, Ill.
 Buckeye Products Co., Cincinnati, O.
 Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.
 Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
 Piqua Flour Co. (Core Flour), Piqua, O.
 Springfield Facing Co., Springfield, Mass.
 Whitehead Bros. Co., 537 W 27th, New York

4900— Flour Mill Builders

Barnard Machinery Co., Enterprise, Kan.
 Barnard & Leas Mfg. Co., Moline, Ill.
 Great Western Mfg. Co., Leavenworth, Kans.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Robinson Mfg. Co., Muncy, Pa.
 Salem Foundry & Machine Works, Salem, Va.
 Sprout, Waldron & Co., Muncy, Pa.
 Starr B. F. Co., Guilford av & Center, Baltimore, Md.

4901— Flour Mills**ALABAMA.**

ATHENS—Black M. J. & Sons
 BIRMINGHAM—Goodlander Milling Co.
 BRUNDIDGE—Allen T. B.
 COCHRANE—Fairfield Gin & Milling Co.
 CROSSVILLE—Jones W. B.
 GREENVILLE—Farmers & Planters' Gin & Mill Co.
 JENIFER—Priebe Mrs. E.
 MOBILE—Alabama Corn Mills Co.
 Gulf City Milling Co.
 NEW MARKET—Rodgers A. D. & W. E.
 PINE APPLE—Ward & Grimes
 PRATTVILLE—Pratt Gin & Milling Co.
 ST. FLORIAN—Rasch T. J.
 SEALE—Holland William H.
 SPRINGVILLE—Ewing B.
 TALLADEGA—Allison J. E.
 Bingham Mills
 WALNUT GROVE—Frix J. J.

ARIZONA.

PHOENIX—Phoenix Flour Mills
 SAFFORD—Gila Valley Milling Co.
 TUCSON—Eagle Milling Co.

ARKANSAS.

ARKADELPHIA—Arkadelphia Milling Co.
 BARBER—Williams R. H.
 BENTONVILLE—Eagle Milling Co.
 BERRYVILLE—Berryville Milling Co.
 CASSCOE—Trice W. T. & Bro.
 DEVAL BLUFF—Devall Bluff Gin & Milling Co.
 EVENING SHADE—Mosser Geo. W.

GILLHAM—Campbell W. M.
 HINDSVILLE—Polk W. C.
 JAMESTOWN—Jamestown Milling Co.
 JONESBORO—Jonesboro Roller Mill Co.
 KINGSTON—Basore Milling Co.
 LEADHILL—Moorow John
 MALVERN—Clem John M. & Son
 MAMMOTH SPRING—Mammoth Spring Milling Co.
 MAYSVILLE—Parkins W. B.
 MINERAL SPRINGS—Dillard & Jones
 MOUNTAIN HOME—Underhill Dillen
 OZAN—Robins A. J.
 PARIS—Bartsch August
 PEA RIDGE—Pea Ridge Milling Co.
 PIGGOTT—Clay County Mill & Elevator Co.
 PINE BLUFF—Marco Mills
 RECTOR—Rector Milling Co.
 ROSIE—Rosie Mill & Gin Co.
 ST. FRANCIS—Sprague A. O.
 STEPROCK—Ellis R. S.
 SUMMERS—Barton & Bro.
 VALLEY SPRINGS—Valley Springs Milling Co.
 VILONIA—Davis J. H.
 WARREN—Wardlow R. L.
 WEST FORK—West Fork Mill Co.

CALIFORNIA.

COLUSA—Colusa Milling Co., Inc.
 DURHAM—Durham Mill Co.
 MONTAGUE—Mount Shasta Milling Co.
 OAKDALE—Oakdale Milling Co.
 OAKLAND—Westphal J. C. & Co., Inc.
 OLIVE—Olive Milling Co.
 PASADENA—Pasadena Milling Co.
 PETALUMA—Golden Eagle Milling Co.
 SAN FRANCISCO—Martenstein Jacob & Co.
 Sperry Flour Co.
 Yosemite Flour Mills
 SANTA ROSA—Santa Rosa Flour Mills
 UKIAH—Ukiah Milling Co.
 WATSONVILLE—Trafton G. A. & Son

COLORADO.

ALAMOSA—Alamosa Milling & Elevator Co.
 ANTONITO—Conejos Co-operative Roller Mills & Mfg. Co.
 BERTHOUD—Farmers' Milling & Mer. Co.
 DENVER—Crescent Mill & Elevator Co.
 GOLDEN—Rock Flour Milling Co.
 GRAND JUNCTION—Mesa Flour Mill Co.
 GREELEY—Model Milling & Elevator Co.
 LONGMONT—Longmont Flour Milling Co.
 SAN LUIS—Parrish W. S.
 WRAY—Wray Mills Co.

DELAWARE.

CAMDEN—Howell Thos. H.
 LAUREL—Records W. T. & Son
 WILMINGTON—Lea Milling Co.

GEORGIA.

ADAIRSVILLE—Veach J. M. Co.
 ATLANTA—Atlanta Milling Co.
 AUGUSTA—Clark Milling Co.
 BAINBRIDGE—Flint River Milling Co.
 BUTLER—McCants J. J.
 CALHOUN—Calhoun Roller Mills
 CAMILLA—Joiner G. J.
 CARNESVILLE—Carnesville Gin & Milling Co.
 CARROLLTON—New D. F.
 CAVE—Gaines L. P.
 CEDARTOWN—Lovvorn W. J.
 COLUMBUS—City Mills Co.
 Empire Mills Co.
 CONYERS—Plunkett A. N.
 CUSSETA—Gordy Geo. G.
 DALLAS—McMichen A. M., Jr.
 DALTON—Barrett, Denton & Lynn Co.
 DAMES FERRY—Dames Ferry Milling Co.
 DOUGLASVILLE—Douglasville Roller Mill
 DUBLIN—Pope J. T.
 FORSYTH—Thurmond Bros.
 FORT VALLEY—Georgia Milling Co.
 GAINESVILLE—Gainesville Roller Mills Co.
 GRAYSVILLE—Gray Bros.
 LA FAYETTE—La Fayette Roller Mills
 McHENRY—Fields L. C.
 MAYSVILLE—Bacon Milling Co.
 MILLEDGEVILLE—Oconee River Mills
 NEWNAN—Askew W. S. Co.
 OMAHA—Fitzgerald W. E.
 RISING FAWN—Cureton Geo. W.
 ROCKY FACE—Hassler S. R.
 SANDERSVILLE—Sandersville Enterprise Co.

IDAHO.

AMERICAN FALLS—American Falls Milling Co., Ltd.
 BLACKFOOT—Blackfoot Farmers' Milling Co., Ltd.
 COEUR D'ALENE—Coeur D'Alene Grain & Milling Co.
 CONANT—Conant Ella F.
 COTTONWOOD—Cottonwood Milling Co.
 MENAN—Menan Milling Co., Ltd.
 MOSCOW—Miller Mark P. Milling Co.
 PARIS—Paris Roller Mills Co.
 PRESTON—Preston Milling Co.

ILLINOIS.

ALTAMONT—Johnston-Hicks Mill Co.
 ALTON—Sparks Milling Co.
 ANNA—Bruchhauser Bros.
 AVA—Dean Mill Co.
 BELLEVILLE—Imbs J. F. Milling Co.
 CARLYLE—Carlyle Milling Co.
 COLLINSVILLE—Tiedemann Chas. Milling Co.
 COLUMBIA—Columbia Star Milling Co.
 HIGHLAND—Highland Milling Co.
 MARINE—Valier & Spies Milling Co.
 MARISSA—Meek Milling Co.
 MASCOUTAH—Postel Ph. H. Milling Co.
 MURPHYSBORO—Reliance Milling Co.
 Southern Illinois Milling & Elevator Co.
 NASHVILLE—Camp Spring Mill Co.
 Huegly Milling Co.
 NEW BADEN—New Baden Milling Co.
 O'FALLON—Tiedmann Milling Co.
 OLNEY—Olney Milling Co.
 PEORIA—Gift J. W. & Co.
 PITTSFIELD—King M. D. Milling Co.
 PRAIRIE DU ROCHER—Schoening-Koenigsmark Milling Co.
 QUINCY—Knollenberg Milling Co.
 RED BUD—Becker C. Milling Co.
 Ziebold G. Milling Co.
 TEUTOPOLIS—Siemer Milling Co.
 TRENTON—Trenton Milling Co.
 VALMEYER—Salt Lick Milling Co.
 WATERLOO—Koenigsmark Mill Co.

INDIANA.

BEDFORD—Lemon Milling Co.
 BERNE—Berne Milling Co.
 CAMBRIDGE CITY—Creitz W. A. Co.
 COLUMBIA CITY—Tuttle R. & Co.
 COLUMBUS—Schaeffer & Schwartzkopf
 EVANSVILLE—Akin-Erskine Milling Co.
 Brose Geo.
 Iglehart Bros.
 Phoenix Flour Mills
 Ziliak & Schafer Milling Co.
 FAIRMOUNT—Ulrey A. A. & Co.
 FORT WAYNE—Mayflower Mills
 Tresselt C. & Sons
 GOSHEN—Goshen Milling Co.
 HAUBSTADT—Ziliak-Shafer Milling Co.
 INDIANAPOLIS—Acme-Evans Co.
 Blanton Milling Co.
 KENT—Kent Milling Co.
 LAWRENCEBURG—Lawrenceburg Roller Mills Co.
 LOOGOTEE—Walker P. M. & Co.
 MARION—Thomas Milling Co.
 MOUNT VERNON—Fuhrer-Ford Milling Co.
 NEW HARMONY—Corbin Milling Co.
 PERU—Peru Milling Co.
 PRINCETON—Moore R. P. Milling Co.
 Princeton Milling Co.
 RICHMOND—Richmond Roller Mills
 SHERIDAN—Sheridan Milling Co.
 SHOALS—Star Milling Co.

IOWA.

CLARINDA—Shambaugh & Son.
 ELKADER—Schmidt Bros. & Co.
 LE MARS—Plymouth Milling Co.
 RED OAK—Replogle Co.
 SIOUX CITY—Mystic Milling Co.

KANSAS.

ABILENE—Security Flour Mills Co.
 ARKANSAS CITY—Arkansas City Milling Co.
 New Era Milling Co.
 ATCHISON—Lukens Milling Co.
 BUHLER—Buhler Mill & Elevator Co.
 CALDWELL—Caldwell Milling Co.
 CHERRYVALE—Sauer N. Milling Co.
 CLAFLIN—Clafin Mill & Elevator
 CLAY CENTER—Snell Mill & Grain Co.
 CONCORDIA—Concordia Milling Co.
 ELLINWOOD—Wolf Milling Co.
 EMPORIA—Soden J. R.
 FORT SCOTT—Goodlander Milling Co.

GREAT BEND—Barton County Flour Mills Co.
 Walnut Creek Milling Co.
 JUNCTION CITY—Hogan Milling Co.
 KIRWIN—Jackson John W. & C. R.
 LEAVENWORTH—Leavenworth Milling Co.
 Lysle J. C. Milling Co.
 LEHIGH—Groening Bros.
 LINDSBORG—Lindsborg Milling & Elevator Co.
 Smoky Valley Roller Mills
 LYONS—Lyons Milling Co.
 McPHERSON—Colburn Bros. Co.
 Wall-Rogalsky Milling Co.
 MANHATTAN—Purity Milling Co.
 MOUNDRIDGE—Moundridge Milling Co.
 NEODESHA—Land Milling Co.
 NEWTON—Newton Milling & Elevator Co.
 OSWEGO—Pearl Roller Mill Co.
 RUSSELL—Russell Milling Co.
 SALINA—Lee-Warren Milling Co.
 SYLVIA—Sylvia Milling Co.
 TOPEKA—Kaw Milling Co.
 Page Thomas Milling Co.
 Shawnee Milling Co.
 TROY—Clark Bros.
 WELLINGTON—Hunter Milling Co.
 Wellington Milling & Elevator Co.
 WHITEWATER—Whitewater Milling & Elevator Co.
 WICHITA—Kansas Milling Co.

KENTUCKY.

ADAIRSVILLE—Orndorff & Chaney
 AKERSVILLE—Akersville Roller Mill Co.
 ALBANY—Hancock Bros.
 ALVATON—Larmon L. M.
 ARLINGTON—Neville W. N.
 ASHLAND—Ashland Milling Co.
 Poage R. C. Milling Co.
 AUBURN—Auburn Mills
 BARLOW—Stahl & Rudolph
 BEAVER DAM—Beaver Dam Milling Co.
 Farmers' Milling Co.
 BERRY—Kendall William C.
 BETHLEHEM—Sewell W. F.
 BLOOMFIELD—Bloomfield Mill Co.
 BOWLING GREEN—Bowling Green Milling Co.
 Park City Milling Co.
 BRADFORDSVILLE—Walker H. C.
 BROOKSVILLE—Farmers' & Merchants' Milling Co.
 BUFFALO—Keith Bros.
 BURNSIDE—Burnside Roller Mills
 CADIZ—Adams Bros.
 White A. P. & Co.
 CAMPBELLSBURG—Blue Grass Milling Co.
 CANE VALLEY—Cane Valley Mill Co.
 CANEYVILLE—Shrewsbury & Washburn
 CARLISLE—Carlisle Milling Co.
 CATLETTSBURG—Patton Milling Co.
 CAVE CITY—Farris Milling Co.
 CAYCE—Cayce Milling Co.
 CERULEAN—Standard Roller Mills Co.
 CLARKSON—Clarkson Milling Co.
 CLAY POOL—Britt J. A. & Son
 CLAYSVILLE—Harding J. W.
 CLOVERPORT—Squires B.
 COLESBURG—Pardee C. A.
 CORYDON—Corydon Milling Co.
 CRITTENDEN—Collins Richard L. & Sons
 CUMMINSVILLE—Cummins Chas.
 CYNTHIANA—Crescent Milling Co.
 Crown Jewel Milling Co.
 DANVILLE—Anderson & Spilman
 DAWSON SPRINGS—Dawson Milling Co.
 DUNDEE—Renfrow & Dean
 EDMONTON—New Edmonton Mills, Inc.
 ELGIN—Albright A. & Sons
 ELIHU—Parker E. F.
 ELIZABETHTOWN—Elizabethtown Milling Co.
 ELKTON—Damon W. F.
 EMINENCE—Eminence Milling Co.
 ETOILE—Williams & Scott
 EUBANK—Payne & Estes
 FALMOUTH—Galloway R. L.
 FRANKLIN—Clark & Durham
 College Mill Co.
 GAMALIEL—Comer & Beals
 GEORGETOWN—Wolfe R. H. & Son
 GERMANTOWN—Germantown Milling Co.
 GRADYVILLE—Rogers, Rose & Co.
 GREENSBURG—Wilson Milling Co.
 GREENUP—Greenup Milling Co.
 GREENVILLE—Home Milling Co.
 Shaver J. A.
 HARDYVILLE—Philpot & Co.
 HARRODSBURG—Adams & Langford
 Williams John P.
 HARTFORD—Ford J. W.

HENSHAW—Johns Bros. Milling Co.
 HODGENVILLE—Hodgenville Roller Mills
 HOPKINSVILLE—Acme Mills
 Cate James & Son Co.
 Hopkinsville Milling Co.
 HORSECAVE—Poynter R. P. & Sons
 HUNTERSVILLE—Spring Creek Roller Mill Co.
 IRVINE—Snowden A. D. & Bro.
 IRVINGTON—Irvington Mill & Elevator Co.
 JAMESTOWN—Kerns & Reese
 KNOBLICK—Thompson T. W.
 KUTTAWA—Kuttawa Milling Co.
 LANCASTER—Garrard Milling Co.
 Lancaster Elevator & Flour Mills
 LAWRENCEBURG—Eagle Roller Mills, Inc.
 LEITCHFIELD—Leitchfield Milling Co.
 LEWISPORT—Lewisport Mill Co.
 LEXINGTON—Lexington Roller Mills Co.
 Woolcott Flour Mills.
 LOLA—Paris W. F.
 LOUISA—Big Sandy Milling Co.
 LOUISVILLE—Acme-Evans Co.
 Ballard & Ballard Co.
 Louisville Cereal Mill Co.
 McQUADY—Bates J. B.
 McQuady Milling Co.
 MADISONVILLE—Madisonville Milling Co.
 MARION—Baker & Mays
 Marion Milling Co.
 MAXON MILL—Temple, Adams & Sons
 MAYSVILLE—Carr R. A.
 MELBER—Fry John W.
 MILLSPRINGS—Roberts B. E. & Co.
 MINTONVILLE—Roy & Dye
 MONTICELLO—Stokes J. J. & Son
 Tate J. H. & Co.
 MOOLEYVILLE—Redmon & Mattingly
 MORGANFIELD—Crown Roller Mills
 MURPHYSVILLE—Rhodes & Gault
 MURRAY—Moore J. J. & Son
 NEW HAVEN—Florence B. D. & Son
 New Haven Mill Co.
 NEWPORT—Dorsel Co.
 NOLIN—Nolin Milling Co.
 OWENSBORO—Bransford Mills
 Broeker Chas. & Co.
 PARIS—Paris Milling Co.
 PARKESVILLE—Powell C. E.
 PEMBROKE—Pembroke Roller Mills
 PETERCREEK—Jones J. H.
 PRINCETON—Kevil R. U. & Sons
 RICHMOND—Zaring J. W. Grain & Mill Co.
 RINEYVILLE—Rineyville Roller Mills Co.
 ROCKY HILL STATION—Philpot & Lile
 RUSSELVILLE—Ellis T. M. & Co.
 SADIEVILLE—Sadieville Milling Co.
 SANDERS—Williams E. I. & Co.
 SCIENCE HILL—Science Hill Milling Co.
 SCOTTSVILLE—Scottsville Milling Co.
 SHELBYVILLE—Long S. M. & Son
 SLAUGHTERVILLE—Ogden E. F.
 SMITHS GROVE—Model Roller Mills Co.
 SOMERSET—Somerset Milling Co.
 SOUTH CARROLLTON—Wolcott J. F. & Co.
 SPARTA—Brock V. A.
 STAMPING GROUND—Palmer & Sinkhorn
 STANFORD—Baughman J. H. & Co., Inc.
 Kennedy D. V. & Co.
 Lyon C. S.
 STILLWATER—Rose & Cecil
 STITHTON—Aubrey C. H.
 STURGIS—Sturgis Milling Co.
 SULPHUR WELL—Marcum S. M. & Bro.
 SUNRISE—Arnold & Elliott
 TATHAM SPRINGS—Carey Bros.
 TAYLORSVILLE—Beauchamp I. D.
 Crescent Roller Mills Co.
 UNIONTOWN—Uniontown Roller Mill Co.
 VALLEY OAK—Bobbitt James H.
 VANARSDELL—Vanarsdell R. S.
 VINEGROVE—Burkhardt W. A.
 WACO—Rucker, Benton & Co.
 WASHINGTON—Hunter & Irvine
 WELDON—Coleman & Smith
 WHITE MILLS—Richardson J. D. & Son
 WHITE'S STATION—Potts R. L. & Son

LOUISIANA.

ALBERTA—Wardlow H. P.
 LAKE CHARLES—Louisiana Grain & Milling Co., Ltd.
 SIMSBORO—Burt W. A. & Son

MARYLAND.

BALTIMORE—Gambrell C. A. Mfg. Co.,
 104 Commerce
 CUMBERLAND—Cumberland Milling Co.
 CUMBERLAND—Deen C. Clarence
 WALKERSVILLE—Glade Valley Milling Co.

MICHIGAN.

ALBION—Albion Milling Co.
 ANN ARBOR—Michigan Milling Co.
 BARK RIVER—Rood M. & Co.
 BIG RAPIDS—Darrah Milling Co.
 BLOOMINGDALE—Bloomington Milling Co.
 CADILLAC—Cornwall J. & Sons
 CAMDEN—Alward B. R.
 COLDWATER—Coombs Wm. A. Milling Co.
 COLON—Lamberson C. A. & Co.
 CONSTANTINE—Constantine Milling Co.
 DETROIT—Detroit Milling Co., Grand River & Warren
 DOWAGIAC—Colby Milling Co.
 FLINT—Burroughs J. P. & Son
 GREENVILLE—Wright Bros. & Co.
 HOLLAND—Beach Milling Co.
 JACKSON—Eldred Mill Co.
 Taylor Thomas B.
 JENISON—Jenison L. & L. Co.
 LAKEVIEW—Lakeview Milling Co.
 MIDDLEVILLE—French R. T.
 MONROE—Amendt Milling Co.
 MORENCI—Kellogg & Buck
 PETOSKEY—Hankey Milling Co.
 PORTLAND—Portland Milling Co.
 SAGINAW—Brand & Hardin Milling Co.
 Callam Mills
 SOUTH ROCKWOOD—Strong John Co.

MINNESOTA.

APPLETON—Jennison W. J. Co.
 AUSTIN—Peerless Roller Mills
 BADGER—Sjoberg Bros.
 BLUE EARTH—Blue Earth City Mill Co.
 CANNON FALLS—Cannon Valley Milling Co. (See Minneapolis)
 CROOKSTON—Crookston Milling Co.
 DULUTH—Duluth Universal Milling Co.
 FAIRFAX—Crescent Milling Co.
 FERGUS FALLS—Fergus Flour Mills Co.
 FOSSON—Stadsvold S. S.
 FRAZEE—Stelzner Charles J.
 HUTCHINSON—Ames Bros.
 KENYON—Gunderson Milling Co.
 LAKE CITY—Tennant & Hoyt Co.
 LITTLE FALLS—Northwestern Milling Co.
 MADEIRA—Christensen C. S. Co.
 MARSHALL—Marshall Milling Co.
 MAZEPPA—Mason, Olson & Co.
 MELROSE—Melrose Milling Co.
 MINNEAPOLIS—Barber Milling Co., Cham. Com.
 Big Diamond Mills Co., 522 Flour Ex.
 Blaisdell Milling Co., Met. Life
 Cannon Valley Milling Co., 822 Flour Exch.
 Christian Geo. C. & Co., Inc., New Cham. Com.
 Commander Mill Co., 922 Flour Exch.
 Jennison W. J. Co., 922 Flour Exch.
 National Milling Co., 820 Flour Exch.
 Phoenix Mill Co., 3d av S E & Main
 Washburn-Crosby Co., Cham. Com.
 MONTEVIDEO—Chippewa Milling Co.
 MORGAN—Green Casper & Son
 NORTH BRANCH—North Branch Milling Co.
 NORTHFIELD—Ames Mill
 OSAKIS—Osakis Milling Co.
 OWATONNA—Campbell L. G. Milling Co.
 PELICAN RAPIDS—Frazee H. E.
 RED WING—Red Wing Milling Co.
 ST. JAMES—St. James Milling Co.
 ST. JOSEPH—Schroeder Milling Co.
 SHAKOPEE—Christian L. & Co., Inc.
 SPRINGFIELD—Springfield Milling Co.
 WABASHA—Wabasha Roller Mill Co.
 WELLS—Wells Flour Milling Co.
 WINDOM—Collins T. C. & Son

MISSISSIPPI.

ALPHABA—Massey H. C. & Bro.
 CORINTH—Union Mill, Gin & Warehouse Co.
 EUPORA—Finch T. A.
 GULFPORT—Hood Milling Co.
 HOLLY SPRINGS—Cawthon N. W.
 LENA—Garrett Bryant
 PLANTERSVILLE—Reput J. W.
 WEST—West Gin & Mill Co.

MISSOURI.

AURORA—Aurora Milling Co.
 Majestic Milling Co.
 BLOOMFIELD—Buck & Toole Milling Co.
 BOONE TERRE—Moran Bros.
 BOONVILLE—Sombart Milling Co.
 BOWLING GREEN—Hume Milling Co.
 CALIFORNIA—Kuhlmann & Meyer

CARTHAGE—Cowgill & Hill Milling Co.
 McDaniel Milling Co.
 CHARLESTON—Charleston Milling Co.
 DE SOTO—De Soto Roller Mills
 FARMINGTON—Farmington Milling Co.
 Giessing Milling Co.
 FLAT RIVER—Reuter Milling Co.
 GLASGOW—Glasgow Milling Co.
 HANNIBAL—Carter, Shepherd & Co.
 Hannibal Milling Co.
 HERMANN—Eggers Milling Co.
 HIGGINSVILLE—Higginsville Milling Co.
 INDEPENDENCE—Waggoner-Gates Milling Co.
 JACKSON—Cape County Milling Co.
 JEFFERSON CITY—Dulle G. H. Milling Co.
 JOPLIN—Brand-Dunwoody Milling Co.
 KANSAS CITY—Kidder R. E. Flour Mills
 Zenith Milling Co.
 LEXINGTON—Lexington Flouring Mills
 MARSHALL—Land Mose H.
 Rea & Page Milling Co.
 NEOSHO—Neosho Milling Co.
 NEW HAVEN—Wolff Milling Co.
 ST. LOUIS—Regina Flour Mill Co.
 Saxony Mills
 ST. MARY'S—St. Mary's Mill Co.
 SEDALIA—Sedalia Milling Co.
 SPRINGFIELD—Eisenmayer Milling Co.
 Link Milling Co.
 TROY—Hanni Nicholas

MONTANA.

BOZEMAN—Bozeman Milling Co.
 MISSOULA—Western Montana Flouring Co.

NEBRASKA.

ALBION—Albion Milling Co.
 BEATRICE—Black Bros.
 CAMBRIDGE—Cambridge Milling Co.
 CEDAR RAPIDS—Van Ackeren Bros.
 CENTRAL CITY—Jenkins J. E.
 COLUMBUS—Elevator Roller Mills Co.
 CRETE—Crete Mills
 DAVID CITY—Etting A. E.
 FREMONT—Fremont Milling Co.
 GIBBON—Davis R. A.
 GRAND ISLAND—Glade Henry Milling Co.
 LEXINGTON—Lexington Mill & Elevator Co.
 LINCOLN—Gooch Milling & Elevator Co.
 Lincoln Mills, Inc.
 NORFOLK—Norfolk Cereal & Flour Mills
 OMAHA—Maney Milling Co.
 Updike Milling Co.
 ORD—Ord Milling Co.
 SCHUYLER—Wells-Abbott-Nieman Co.
 SEWARD—Boves, Hulshizer & Co.

NEVADA.

LOVELOCKS—Pitt W. C.
 RENO—Riverside Mill Co.

NEW JERSEY.

BELVIDERE—McMurtrie Milling Co.
 MILFORD—Thomas W. & W. E.
 TRENTON—Thompson A. & Co.

NEW MEXICO.

SOCORRO—Crown Mill Co.

NEW YORK.

BALDWINVILLE—Frazee James Milling Co.
 Mercer Milling Co.
 BATAVIA—Franklin Mills Co.
 BINGHAMTON—Baker Bros.
 Moon Geo. Q. & Co., Inc.
 BUFFALO—Niagara Falls Milling Co.
 Urban Geo. Milling Co.
 CAMDEN—Penfield & Stone
 COHOCTON—Larowe Buckwheat Flour Corp'n.
 CORNING—Hayt S. T. (Est. of)
 ELMIRA—Chase-Hibbard Corporation
 FULTON—Gage Elwell Milling Co., Inc.
 GOUVERNEUR—McAllister J. E. & Sons
 LOCKPORT—Federal Milling Co.
 MORAVIA—Selover Milling Co.
 NIAGARA FALLS—Cataract City Milling Co.
 OGDENSBURG—Bill, Bell & Co.
 ONEONTA—Elmore Milling Co.
 PENN YAN—Birkett Mills
 POTSDAM—Potsdam Milling Co.
 ROCHESTER—Hinds J. A. & Co.
 Moseley & Motley Milling Co.

VICTOR—Victor Milling Co.
 WARSAW—Roberts Bros. Flour Mills, Inc.
 WATERTOWN—Farwell & Rhines, Inc.
 WAVERLY—Personius D. V. & Son

NORTH CAROLINA.

ASHBORO—Ashboro Roller Mills
 ASHEVILLE—Asheville Milling Corp'n.
 BEAVER CREEK—Hamilton R. A.
 BETHANIA—Bethania Stock Co.
 BILTMORE—Biltmore Roller Mills
 BURLINGTON—Dixie Milling Co.
 Hico Milling Co.
 CANE RIVER—Byrd Milling Co.
 CHAPEL HILL—Pritchard W. N. & I. W.
 CHINA GROVE—China Grove Roller Mills
 CLAREMONT—Monitor Mills.
 CRESTON—Creston Roller Mills
 CROUSE—Beaver Dam Roller Mill
 DEMOCRAT—Carter Milling Co.
 DENTON—Denton Roller Mills
 EAST BEND—Doub J. W. & Bros.
 EFLAND—Efland Milling Co.
 Smith W. P.
 ELKIN—Elkin Roller Mills
 ENTERPRISE—Arcadia Mill Co.
 EURE—Storey Bros.
 FARMER—Farmer Roller Mill Co.
 FARMINGTON—Ellis A. W. Mill
 FAYETTEVILLE—McNeill Milling Co.
 FRANCISCO—George R. W.
 FULLERS—Fuller A. W.
 GLEN ALPINE—Glen Alpine Milling Co.
 GREENSBORO—North State Milling Co.
 GULF—McIver J. M.
 HELTON—Perkins W. J.
 HICKORY—Brewer L. R.
 HIDDENITE—Davis Springs Co., Inc.
 HIGH FALLS—High Falls Mfg. Co.
 HIGH POINT—Barker F. H.
 Dixie Milling Co.
 High Point Milling Co.
 HILLSBORO—Hillsboro Milling & Mfg. Co
 JULIAN—Julian Milling Co.
 KERNERSVILLE—Harmon & Reid
 KITTRELL—Ellis J. B.
 LANDIS—Landis Milling Co.
 LENOIR—Lenoir Mills, Inc.
 LEXINGTON—Grimes Bros.
 Swing Bros.
 LIBERTY—Liberty Milling Co.
 LINCOLNTON—Banner Roller Mills (Inc.)
 Lincoln Milling Co.
 MADISON—McMichael J. P. & Co.
 MAIDEN—Murray, Williams & Co.
 MARION—Morgan J. L.
 MEBANE—Cook Milling Co.
 MIDDLEBURG—Fleming E. L.
 MILTON—Milton Mill Co.
 MOCKSVILLE—Horn-Johnston Co.
 MONROE—Henderson Roller Mills
 MOORESVILLE—Templeton, Williams & Co.
 MOUNT PLEASANT—Foil Bros.
 NASHVILLE—Warren Milling Co.
 NEWTON—Newton Roller Mills
 NORTH WILKESBORO—North Wilkesboro Rolling Mills
 OAKS—Morrow's J. Sons
 PLATEAU—Ford, Hudson & Co.
 POLLOCKSVILLE—Smith P. B.
 RALEIGH—Lassiter C. J.
 REEPSVILLE—Howard Creek Mill Co.
 RICH SQUARE—Farmers' Ginning & Milling Co.
 ROCKFORD—Kurfees C. F. & Sons
 RUSK—Dobbins T. A. & Co.
 SALISBURY—Grimes Milling Co.
 SELWIN—Hollowell & Bunch
 SILER CITY—Siler City Milling Co.
 SILOAM—Martin O. J.
 SOUTH LOWELL—Russell Robert G.
 SOUTH RIVER—Tatum P. O.
 SPARTA—Sparta Roller Mill Co.
 STATE ROAD—Hanes Roller Mills
 STATESVILLE—City Flour Milling Co.
 Star Milling Co.
 Statesville Flour Mill Co.
 STONEVILLE—Mitchell & Son
 SUGAR GROVE—Watauga Roller Mills
 TAYLORSVILLE—Taylorsville Milling Co.
 TELEPHONE—Telephone Roller Mill Co.
 THOMASVILLE—Ward John & Co.
 TROY—Troy Milling Co.
 WALLBURG—Wall G. W. & C. M.
 WAYNESVILLE—McCracken M. J.
 WESTFIELD—Westfield Milling Co.
 WINSTON-SALEM—Forsyth Roller Mills
 Southside Roller Mills Co.
 Wachovia Mills
 WOODLEAF—Rice & Rutledge
 WORRY—Henderson Mrs. W. C.
 YADKINVILLE—Hinshaw S. T. & Co.
 Hutchens & Sampson

NORTH DAKOTA.

GRAFTON—Grafton Roller Mill Co.
KULM—Kulm Mill Co.
LIDGERWOOD—Lidgerwood Mill Co.
PARK RIVER—Park River Milling Co.
RUGBY—Rugby Milling Co.
WILLISTON—Williston Mill Co.

OHIO.

ASHTABULA—Reidenbach R. P.
BELLEFONTAINE—Colton Bros. Co.
CINCINNATI—Feiss Flour Milling Co.
COSHOCOTON—Lee Edwin S.
DAYTON—Durst Milling Co.
HAMILTON—Carr Milling Co.
IRONTON—Goldcamp Mill Co.
KENT—Williams Bros. Co.
LANCASTER—Graham Milling Co.
LIMA—Holdridge Hiram A. Co.
MARIETTA—Phoenix Mill Co.
MASSILLON—Warwick Co.
MILLERSBURG—Miller J. D. & J. L.
ORRVILLE—Orrville Milling Co.
PIQUA—Piqua Milling Co.
ROSCOE—Lee Edwin S. (See Coshocotn)
ST. MARY'S—Gordon-Hauss-Folk Co.
SPRINGFIELD—Ansted & Burk Co.
TOLEDO—Toledo Grain & Milling Co.
YOUNGSTOWN—Baldwin Homer (Est. of)

OKLAHOMA.

ALTUS—Leger Mill Co.
ALVA—Alva Roller Mills
ANADARKO—Anadarko Milling Co.
ARDMORE—Ardmore Milling Co.
BLACKWELL—Blackwell Milling & Elevator Co.
CASHION—El Reno Mill & Elevator Co.
CENTRALIA—Tate W. C. & Son
CHEROKEE—Alfalfa Meal & Milling Co.
CHICKASHA—Chickasha Milling Co.
CLAREMORE—Claremore Mill & Elevator Co.
COUNCIL HILL—Central Mill & Elevator Co.
CUSTER—Custer Milling Co.
Hobart Mill & Elevator Co.
DEER CREEK—Blackwell Milling & Elevator Co.
DOVER—Dover Milling Co.
DRUMMOND—Enid Mill & Elevator Co.
ELK CITY—Elk City Flour Mills Co.
EL RENO—Canadian Mill & Elevator Co.
Elreno Mill & Elevator Co.
ENID—Enid Mill & Elevator Co.
Farmers' Mill & Elevator Co.
FAY—Thomas Milling Co.
GAGE—Gage Roller Mills
GARBER—Garber Mill & Elevator Co.
GEARY—Geary Milling & Elevator Co.
GIBBON—Blackwell Milling & Elevator Co.
GOLTRY—Enid Mill & Elevator Co.
GROVE—Killam O. W. & W. T.
GUTHRIE—Guthrie Mill & Elevator Co.
HENNESSY—Star Mill & Elevator Co.
HOBART—Hobart Mill & Elevator Co.
HUGO—Hugo Milling Co.
KINGFISHER—El Reno Mill & Elevator Co.
Kingfisher Mill & Elevator Co.
Oklahoma Mill Co.
KREMLIN—Enid Mill & Elevator Co.
LAHOMA—Lahoma Roller Mills
LONE WOLF—Campbell Don C. & Sons
MADILL—Madill Grain & Elevator Co.
MANCHESTER—Manchester Mill & Elevator Co.
MANGUM—Mangum Milling Co.
MARLOW—Yukon Elevator Co.
MEDFORD—Medford Mill & Elevator Co.
MENO—Meno Milling Co.
MINCO—Minco Mill & Grain Co.
MOORE—Norman Milling & Grain Co.
MUSKOGEE—Davidson Mill & Elevator Co.
NEWKIRK—Arkansas City Milling Co.
NORMAN—Norman Milling & Grain Co.
OKARCHE—El Reno Mill & Elevator Co.
Kingfisher Mill & Elevator Co.
OKLAHOMA—Acme Milling Co.
Oklahoma City Mill & Elevator Co.
Plansifter Milling Co.
PAWHUSKA—Pawhuska Mill & Elevator Co.
PERRY—Perry Mill Co.
PONCA CITY—Ponca City Milling Co.
PORTER—Porter Mill & Elevator Co.
SALT FORK—Blackwell Milling & Elevator Co.
SAYRE—Weatherford Milling Co.
SHAWNEE—Shawnee Milling Co.
SKIATOOK—Stringer J. M. & Son

STILLWATER—Stillwater Mill & Elevator Co.
TAHLEQUAH—Tablequah Mill & Elevator Co.
TANGIER—Alva Roller Mills
THOMAS—Hobert Mill & Elevator Co.
Thomas Milling Co.
TULSA—Rea & Reed Mill & Elevator Co.
WAGONER—Wagoner Roller Mill Co.
WEATHERFORD—Weatherford Milling Co.
WYANDOTTE—Hollingsworth Henry
WYNNEWOOD—Kemp J. W.
YUKON—Yukon Mill & Grain Co.

OREGON.

FREEWATER—Peacock Mill Co.
ISLAND CITY—Pioneer Flouring Mill Co.
LA GRANDE—La Grande Milling Co.
PRINEVILLE—Stewart & Carlson
ST. JOHNS—Jobes Milling Co.
STAYTON—Gardner A. D.

PENNSYLVANIA.

ARDEN—Leech J. C.
ASHVILLE—Weber J. J.
BELLEFONTE—Gamble, Gheen & Co.
BERNVILLE—Sunday J. D.
BETHLEHEM—Luckenbach D. & A.
BLOOMSBURG—Ikeler Roland R.
BROOKVILLE—Kline Mrs. Elizabeth
CARBONDALE—Carbondale Milling Co.
CARMICHAELS—Neil James & Co.
CLARKSTOWN—Bieber Williams S.
COLUMBIA—Columbia Milling Co.
CONNELLSVILLE—Perry & Henderson
DUNCANNON—Duncannon Flouring Mill Co.
EASTON—Williams Frank C.
EMLENTON—Emlenton Milling Co., Ltd.
EMPORIUM—Emporium Milling Co.
ERIE—Crouch Bros. Co.
FALLS—Brown C. A.
HANOVER—Penn Mill Co.
HOWARD—Long W. H.
INDIANA—Hetrick Wilson & Co.
LAURY'S STATION—Mauser Mill Co.
LEBANON—Strickler C. F. & W. H. Milling Co.
Lebanon Milling Co.
LEWISTOWN—Spanogle-Yeager Milling Co.
LUZERNE—Luzerne Milling Co.
MACUNGIE—Fritch D. D. & N. D.
MANHEIM—Manheim Milling Co.
MIFFLIN—Manbeck W. H. & Co.
MILFORD SQUARE—Campbell E. D.
MILL HALL—Knecht Milling Co.
NEW BETHLEHEM—Red Bank Mills
NORTH EAST—Blaine-Mackay-Lee Co.
PARKER'S LANDING—Parker Milling Co.
PAXINOS—Vought Edward B.
PHILADELPHIA—Buffalo Flour Milling Co., Central Tr. bldg
Quaker City Flour Mills Co., 3040 Market
PIKESVILLE—Reitnauer James
Yoder Ellis Y.
ROCKWOOD—Rockwood Milling Co.
SCHNECKSVILLE—Hollenbach Frank H.
SELINGSGROVE—Monroe Milling Co.
Youngman J. F.
SHAWVILLE—Shaw A. B. Estate
SUNBURY—Blank & Gottschall
Kift Milling Co.
TREICHLERS—Mauser Mill Co.
TROUT RUN—Berger Mrs. Chas. E.
TYRONE—Tyrone Milling Co.
WALTERSBURG—Brown Asahel C. & Son
WERNERSVILLE—Wertz Geo. W.
YARDLEY—Yardley Mills Co.

SOUTH CAROLINA.

CHARLESTON—Blohme Milling Co.
FLORENCE—Florence Ginning & Milling Co.
GREENVILLE—Eagle Roller Mills
Mountain City Milling Co.
LEESVILLE—Barr C. D.
LEXINGTON—George E. J.
PENDLETON—Timms S. R.
RIDGELAND—Wall D. H.
SIMPSONVILLE—Adams W. A.
SPARTANBURG—Bell J. W.
Spartanburg Grain & Mill Co.
Spartanburg Roller Mills

SOUTH DAKOTA.

ABERDEEN—Aberdeen Mill Co.
RAPID CITY—Lambert Jacob
WATERTOWN—Stokes Milling Co.
WEBSTER—Webster Mill Co.

TENNESSEE.

ADAMS—Winters J. H. & Son
AFTON—Babb Mill Co.
ANDERSONVILLE—Williams R. B.
ASPEN HILL—Williams Edwin
ATHENS—Athens Roller Mills
ATWOOD—Murchison D. T.
BARTLETT—Gotten D. H.
BELLBUCKLE—Bellbuckle Milling Co.
BELVIDERE—Belvidere Milling Co.
BETHPAGE—Thompson R. M.
BIG SANDY—Hastings J. W. & Son
BLUFF CITY—Bluff City Mills, Inc.
BODENHAM—Patrick & Shore
BOLIVAR—Breedon Geo. W.
BOMA—Braswell S. G.
BRADFORD—Bradford Milling Co.
BRISTOL—Barrow-Scott Milling Co.
Twin City Mill Co.
BROWNSVILLE—Crandell W. W.
BUMPUS MILLS—Saline Valley Roller Mills
BURNS—Anderson S. J.
CALHOUN—Saulpaw G. L.
CEDAR HILL—Cedar Hill Roller Mill
CHARLOTTE—Charlotte Roller Mills
CHATTANOOGA—Mountain City Mill Co.
Shelton Mills
CLARKSVILLE—Dunlop Milling Co.
CLEVELAND—Cleveland Milling Co.
Cox A. J.
Sykes Milling Co.
CLINTON—Linebaugh W. A.
COLUMBIA—Ashton J. B.
City Mill & Grain Co.
Columbia Mill & Elevator Co.
COOKEVILLE—Cookeville Roller Mills
COVINGTON—Covington Milling Co.
CROSS PLAINS—Durrett J. W. & Son
DANDRIDGE—Hill W. C.
Walker John
DANVILLE—Grafried W. F.
DAYTON—Dayton Milling Co.
DECHERD—Decherd Mill Co.
DIXON SPRINGS—Dixon Springs Milling Co.
DOVER—Cox W. H.
DOYLE—Doyle Roller Mills
DUKEDOM—Dukedom Roller Mill Co.
DYERSBURG—Forked Deer Milling Co.
EBENEZER—Atchley P. S.
ELIZABETHTON—Monarch Milling Co.
Watauga Flouring Mill
ENVILLE—Enville Mill & Gin Co.
ERIN—Boone Bros.
ESTILL SPRINGS—Goddard & Co.
FAYETTEVILLE—Fayetteville Milling Co.
FRANKLIN—Farr D.
FRIENDSVILLE—Friendsville Roller Mills
GEORGETOWN—White Oak Mountain Mill Co.
GLEASON—Whitworth R. J.
GORDONSVILLE—Gordonsville Milling Co.
GREENFIELD—Ward J. H. & Co.
HARRIMAN—Harriman Milling Co.
HARTSVILLE—Hartsville Milling Co.
HENDERSONVILLE—Dorris E. A. & Sons
HENNING—Turner E. H.
HICKMAN—Hickman Milling Co.
HILLSBORO—Justice J. H.
HILLSDALE—Eller W. J.
HOLLOW ROCK—Hollow Rock Roller Mill
HORNBEAK—Hornbeak Milling Co.
HUNTINGDON—Dill John B.
JACKSON—McCabe E. R. & Co.
JEFFERSON CITY—Peck Mill & Grain Co.
JOHNSON CITY—Model Mill Co.
KNOXVILLE—Peters & Bradley Mill Co.
Scott Mill Co.
Smith J. Allen & Co.
LA FOLLETTE—Ausmus W. M. Co.
LASCASSAS—Brown E. G.
LAWRENCEBURG—Lawrenceburg Milling Co.
LEBANON—Cedar City Mills
LEWISBURG—Lewisburg Mill & Elevator Co.
LIMESTONE—Williams Bros.
LITTON—Hale J. H. & Son
LIVINGSTON—Livingston Roller Mill Co.
LONE MOUNTAIN—Lone Mountain Milling Co.
LOUDON—Newport Mill Co.
Roberson John W. & Co.
LYNCHBURG—Locke R. A.
McKENZIE—McKenzie Milling Co.
McMINNVILLE—Walling's Jesse Mills
MADISONVILLE—Madisonville Flouring Mills
MARTIN—Stafford Milling Co.

MEMPHIS—Davis & Andrews Co.
Yates & Donelson Co.
MERCER—Rainey T. C. & Sons
MILAN—Fuqua J. J.
MILLIGAN COLLEGE—Hendrix J. A.
MULBERRY—Farrar R. L.
NASHVILLE—Ford Flour Co.
Jones J. A. & O. L. Mill & Elevator Co.
Liberty Mills
Nashville Roller Mills
Riverside Mills
Royal Milling Co.
Southern Milling Co.
NEWBERN—Grisham C. S. & Co.
NEWPORT—Newport Mill Co.
NEW TAZEWEEL—Myers & Davis
OBION—Obion Mill & Elevator Co.
OLIVER SPRINGS—Diggs S.
PARIS—Paris Milling Co.
PORTLAND—Portland Milling Co.
PULASKI—Pulaski Roller Mills
RAHT—Hooper Milling Co.
READYVILLE—Hayes & McFerrin
ROCKWOOD—Davidson-East-Molyneaux Co.
ROGERSVILLE—McDonald & Sons
Rogersville Mill Co.
RUTHERFORD—Nethercott R.
SHELBYVILLE—Kingston J. B. & Co.
Riverside Mill Co.
SMYRNA—Davis Bros.
SPARTA—Mayberry Q. B. & Son
Sparta Mill Co.
SPRING CITY—Spring City Mill Co.
SPRINGFIELD—England Bros.
Ogburn Samuel D.
STRAWBERRY PLAINS—Straw Plains Milling Co.
SWEETWATER—Eagle Flouring Mill Co.
TALBOTT—Acme Milling Co.
TRENTON—Forked Deer Mfg. Co.
TROY—Troy Roller Mills
TULLAHOMA—Middle Tennessee Milling Co.
UNION CITY—Dahnke-Walker Milling Co.
VIOLA—Viola Milling Co.
VONORE—Vonore Flouring Mills
WASHBURN—Cameron Joe T.
WATAUGA—St. John J. T.
WATERTOWN—Watertown Milling Co.
WILLETTE—Highland Mill Co.
WILLISTON—Walker I. J.
WILLOW GROVE—Willow Grove Milling Co.
WINCHESTER—Winchester Milling Co.
WINDLE—Allen M. M.
WOODBURY—Blanks J. C.

TEXAS.

ALICE—Citizens Mill & Gin Co.
ANDERSON—Becker Emil
ATLANTA—Gibson & Cobb
BEN FRANKLIN—Miller T. M.
BLUM—Blum Roller Mills
BROWNWOOD—Austin Mill & Grain Co.
BYERS—Erwin J. M.
CELINA—Celina Mill & Elevator Co.
CENTERPOINT—Centerpoint Roller Mill Co.
CHILLICOTHE—Orient Milling Co.
CLEBURNE—Anderson Bros. Roller Mills Co.
COMET—Jackson J. O. Jr.
COMFORT—Flach Ernest
DALLAS—Stanard-Tilton Milling Co.
DECATUR—Lillard Milling Co.
DENTON—Alliance Milling Co.
Denton Milling Co.
DUBLIN—Dublin Mill & Elevator Co.
EAGLE LAKE—Stoermer G. A.
EAST BERNARD—Koym H. W.
EL PASO—El Paso Grain & Milling Co.
FARMERSVILLE—Farmersville Mill & Light Co.
FORT WORTH—Bewley Mills
Burrus Mill & Elevator Co.
GALVESTON—Anchor Milling Co.
Texas Star Flour Mills
GAYHILL—Krause F. A.
GLEN ROSE—Price A. J. & Son
GRAHAM—Graham Mill & Elevator Co.
GREENVILLE—Greenville Mill & Elevator Co.
HAMILTON—Weiser H. M.
HONDO—Hondo Gin & Milling Co.
HUFFINS—Moore & Wall
ITASCA—Itasca Roller Mills & Elevator Co.
JACKSBORO—Jacksboro Mill & Elevator Co.
JUSTIN—Justin Mill & Elevator Co.
KILGORE—Choice J. I.
LONDON—Amberson R. T.

McKINNEY—Collin County Mill & Elevator Co.
MARSHALL—Marshall Mill & Elevator Co.
MERIDIAN—Meridian Mill Co.
MEXIA—Wallace W. H.
MUNDAY—Munday Mill & Elevator Co.
NECESSITY—Andrews W. A. & Son
NEW BRAUNFELS—Dittlinger H. Roller Mills Co.
PARIS—Paris Milling Co.
PILOT POINT—Pilot Point Roller Mill Co.
PRAIRIEVILLE—Prairieville Gin & Mill Co.
RHOME—Rhome Milling Co.
SAN ANTONIO—Guenther C. H. & Son
SANGER—Sanger Mill & Elevator Co.
SEGUIN—Seguin Milling & Power Co.
SEYMOUR—Seymour Mill, Elevator & Light Co.
SHERMAN—Chapman Milling Co.
Diamond Mill Co.
Smith G. B. R. Milling Co.
STAMFORD—Stamford Mill & Elevator Co.
TAYLOR—Taylor Milling Co.
TEMPLE—Willig Bros.
TERRELL—Terrell Milling Co.
THORNTON—McLelland John C.
TROUP—Rucker J. B. & Son
UVALDE—Uvalde Gin & Milling Co.
VAN ALSTYNE—Van Alstyne Roller Mills
VERNON—Kell Milling Co.
WACO—Waco Mill & Elevator Co.
WAXAHACHIE—Modern Milling & Mfg. Co.
WEATHERFORD—Crystal Palace Flouring Mills Co.
WHITEWRIGHT—Beatrice Milling Co.

UTAH.

LAYTON—Layton Milling & Elevator Co.
LOGAN—Thatcher Milling & Elevator Co.
OGDEN—Utah Milling Co.

VERMONT.

BURLINGTON—Burlington Flouring Co.

VIRGINIA.

ABINGDON—Abingdon Milling Co.
Vance R. B.
ALDIE—Douglass J. E. & Son
APPOMATTOX—Smith L. E. & Bros.
ASHLAND—Newman E. W.
ATKINS—Musser D. B.
BENTONVILLE—Bentonville Milling Co.
BERRYVILLE—Strickler J. M.
BLAND—Mustard Bros.
BOONE MILL—Boone Milling Co., Inc.
BRIDGEWATER—Natural Falls Milling Co.
BROADFORD—Roberts J. S. & Co.
BROAD RUN—Furr & Kerr
BROCKROAD—Wakeman R. H.
BUMPASS—Smith J. O.
BURKE'S GARDEN—Burke's Garden Mills
CAMBRIA—Rigby James & Son
CEDAR BLUFF—Cedar Bluff Roller Mills
CEDAR SPRINGS—Keesling & Son
CHALK LEVEL—Reynolds G. W.
CHAMPE—Baskerville & Jones
CHARLOTTESVILLE—Brown Milling Co.
Lovegrove Milling & Feed Co., Inc.
CHATHAM—Moses F. L. & Bro.
CHILDRESS—Childress Mills
CHILHOWIE—Chilhowie Milling Co.
CLIFTON FORGE—Clifton Forge Milling & Feed Co., Inc.
COLOGNE—Bland J. F.
COVINGTON—Alleghany Milling Co.
McAllister & Bell, Inc.
CREWE—Crewe Roller Mills
CRIMORA—Harman de Runderau
CROCKETT—Groselock J. C.
CROZET—Jones B. F.
CRUMP—Jones J. O.
CULPEPER—Aylor Bros.
DALEVILLE—Bowie E. W.
DANVILLE—Dan Valley Mills
DEARBORN—Baldock & Co.
DELAFLANE—Delaplane C. C.
DOLPHIN—Johnson A. W.
DRAPERS—Rex Milling Co.
DUBLIN—Dublin Roller Mills
EAGLE ROCK—Whitten R. S.
EDINBURG—Edinburg Milling Co.
Fadley Harrison
ESSEX MILL—Hoskins & Hundley
FALLS MILLS—Harry I. H.
FARMVILLE—Farmville Mills, Inc.
FINCASTLE—Howell A. T.
FISHER'S HILL—Keller John H.
FORT DEFIANCE—Knightley Milling Co.
FREDERICKSBURG—Germania Mills, Inc.
GAINESBORO—De Haven B. F.
GATE CITY—Jayn W. T.
Johnson A. W.
GILMORES MILLS—Chiles W. H.
GLADE SPRING—De Busk John
GLADYS—Crawley A. B.
Marshall James G.
GLOUCESTER—Weaver Ira B.
HARRISONBURG—Harrisonburg Milling Co.
Mutual Milling & Supply Co., Inc.
HEBRON—Fisher & Stables
HENRY—Shelton H. D.
HORNERS—Coates F. C.
HOUSTON—Banister Mills
Yates J. A.
HYACINTH—Northern L. B.
INDEPENDENCE—Independence Electric & Milling Co.
KILMARNOCK—Lancaster Roller Mills
KUNATH—Endailey & Lewis
LACEY SPRINGS—Shaver S. S.
LAWRENCEVILLE—Lawrenceville Mill & Ice Corp.
LEXINGTON—Lee S. A.
LIVELY—Norris Robert O.
LOTTSBURG—Clark Andrew R.
LOWESVILLE—Woodson J. B.
LURAY—Brumback F. C. & Son
Page Milling Co.
LYNCHBURG—Lynchburg Milling Co.
Piedmont Mills, Inc.
LYNNWOOD—Coimer Milling Co.
MARION—Staley H. B. Co.
Stone W. S. & Co.
MARTINSVILLE—Aaron Bros.
MECHUM RIVER—Reburn J. M.
MENDOTA—Barker Frank M.
MIDDLETOWN—Middletown Milling Co.
MINERAL—Mineral Milling Co., Inc.
MOSSY CREEK—Augusta Milling & Mercantile Co.
NARROWS—Narrows Milling Co., Inc.
Shumate Mary S.
NELLYFORD—Witt S. W. & J. W.
NEWBERN—Miller Ballard P.
NEW CASTLE—Craig Mills
NEW MARKET—Crickenberger W. P.
Manor J. D. & Co.
Stultz C. M.
NORTH RIVER—Crawn Bros.
NORTH TAZEWEEL—Star Milling Co.
PENN LAIRD—Gochenour W. J.
PETERSBURG—Munt H. F.
Poole John W. & Son
Virginia Consolidated Milling Co., Inc.
PORT REPUBLIC—Port Republic Milling Co.
PULASKI—Pulaski Mills
PURCELLVILLE—Loudoun Valley Milling Co.
RAPIDAN—Holladay Henry T. Jr.
RICHMOND—Dunlop Mills (Warner, Moore & Co.)
Manchester Mills, Inc.
Mayo Milling Co.
ROANOKE—Howery-Taylor Milling Co., Inc.
Huff & Cook
Lindsey, Robinson & Co.
SALEM—Shank Milling Co.
SCOTTSVILLE—Scottsville Flour Mills.
SLATE RIVER MILLS—Slate River Milling Co.
SNOWVILLE—Snowville Milling Co.
SOUTH BOSTON—Boston Milling Co.
STANDARDSVILLE—Jarrell Bros.
STAUNTON—Bowling Andrew
Brand William F.
White Star Mills
STEELES TAVERN—Midway Milling Co.
STEPHENS CITY—Stephens City Milling Co.
STONE MOUNTAIN—Morgan John T. & Son
STRASBURG—Strasburg Steam Flouring Mills
STUART'S DRAFT—Stuart's Draft Milling Co.
SUFFOLK—Virginia Mills, Inc.
TIMBERVILLE—Mitchell & Shank
TOSHES—Giles, Son & Hubbard
Lee Milling Co.
TREE—Farmers' Milling Co.
WALKERTON—Mitchell A. F.
Walkerton Milling Co.
WALLACE—Phillips & Dickenson
WARM SPRINGS—Agner D. B.
Miller W. H. & Son
WARRENTON—Warrenton Flour Mills
WAYNESBORO—Coimer J. N.
Palmer Edward
Wavnesboro Milling Co.
WEYER'S CAVE—Rockland Milling Co.

WOODSTOCK—French William S.
WYTHEVILLE—Browning S. W.
Dix Bros.
Monarch Milling Co.

WASHINGTON.

CRESTON—Creston Milling Co.
DAVENPORT—Big Bend Milling Co.
ELLENSBURG—Tjossem R. P. & Son
EVERETT—Everett Flour Mill Co.
HARTLINE—Hartline Mill & Elevator Co.
PATAHA CITY—Houser & Son
PROSSER—Taylor & Kemp
RITZVILLE—Ritzville Flouring Mills
SPOKANE—Spokane Flour Mills
TACOMA—Puget Sound Flouring Mills Co.
Tacoma Grain Co.
VANCOUVER—Vancouver Flour Mills Co.
WAITSBURG—Preston-Shaffer Milling Co.
WALLA WALLA—Dement Bros. Co.
WENATCHEE—Wenatchee Milling Co.

WEST VIRGINIA.

ALASKA—Long P. Beauregard
ALDERSON—Greenbrier Milling Co.
AUGUSTA—Augusta Milling Co.
BOAZ—Boaz Milling Co.
BRUCETON MILLS—Bruceton Milling Co.
BUCKHANNON—Star Milling Co.
BUFFALO—Bryan Bros.
BUNKERHILL—Cline Samuel S.
CAIRO—Cairo Milling Co.
CAMERON—Hagans & Isleman
CEDARVILLE—Bailey A. N.
CEREDO—Evick Thomas A.
CHARLESTON—Charleston Milling & Produce Co.
COTTAGEVILLE—Cottageville Milling Co.
ECHO—Workman G. W.
ELIZABETH—Winland W. D.
ELK GARDEN—Oates Isaac E.
ELKINS—Elkins Milling Co.
Grove Feed & Storage Co.

ELLIS—Moody P. S.
ELM GROVE—Elm Grove Milling Co.
FAIRMONT—Fairmont Feed & Storage Co.

Fleming Arch
Miller-Clark Grain Co.
FLEMINGTON—Flemington Mill Co.
FRANKLIN—Byrd D. M.
GLEN EASTON—Harris's J. M. Sons
GORMANIA—Duling Henry L.
GRAFTON—Exchange Mill Co.
Musgrove N. C.

GRIFFITHSVILLE—Carper J. L.
HENDERSON—Morris R. F.
HINTON—Hinton Milling Co.
HUNDRED—Hundred Milling Co.
HUNTINGTON—Gwinn Bros. & Co.
IUKA—Stamm Jacob
KEYSER—Potomac Mill & Ice Co.
LEETOWN—Gardner Bros.
LEVELS—Synder M. L. & Sons
LOUDENVILLE—Watson Bros. & Co.
MABSCOTT—Cook Milling Co.
MANNINGTON—Boor & Davis
MARQUESS—Marquess Milling Co.
MARTINSBURG—Parks Alexander
MASON TOWN—Street F. L.
MATHIAS—Mathias P. S. & Co.
Stultz Ben F.

MILL CREEK—Rosencrance, Bruce & Clay

MILTON—Harshbarger Milling Co.
MOOREFIELD—Hardy County Milling Co.
Wilson D. L.

MORGANTOWN—Tenant A. W.
Victor Mills Co.

MOUNDSVILLE—Martin Arch T.
NEW HAVEN—New Haven Milling Co.
NICKELLS MILLS—Nickells C. C.
NORTH MOUNTAIN—Independent Roller Milling Co.

PARKERSBURG—Kirk William
Peerless Milling Co.

POCA—Carney J. M.
READER—Burgess M. W. & J. G.
REEDY—Reedy Mill Co.
ROMNEY—Farmers' Exchange
RONCEVERTE—Miller J. M.
Ronceverte Milling Co.

RUDDLE—Byrd Arlie C. & Co.
SAINT ALBANS—Nunberger Jos.
SAINT MARYS—Saint Mary's Milling Co.
SHEPARDSTOWN—Whiting Milling Co.
SHINNSTON—Lucas Bros.
SILVERTON—Suck Theodore
SISTERVILLE—Roome E.
SPENCER—Farmers' Roller Mills
SPRING CREEK—Spring Creek Milling Co.

SUTTON—Sutton Grocer & Milling Co.
TANNER—Tanner Mill Co.
TERRA ALTA—Welch U. S.
TURTLE CREEK—Canterbury A. C.
WARDENSVILLE—McKeever A. Boyd
WESTON—Weston Milling Co.
WHEATLAND—Feagans W. C.
WHITE SULPHUR SPRINGS—Mountain Milling Co.
WILLIAMSPORT—Cassady D. L. & Bro.

WISCONSIN.

BLACK RIVER MILLS—Charter Oak Milling Co.
BLOOMER—Bloomer Mill Co.
CHIPPEWA FALLS—Consolidated Milling Elevator & Power Co.
GALESVILLE—Davis Mill Co.
GRAND RAPIDS—Grand Rapids Milling Co.
GRANTSBURG—Hickerson Roller Mill Co.
GREEN BAY—Hess G. B. Co.
MARINETTE—Marinette Flour Mill Co.
MILWAUKEE—Krause C. A. Milling Co.
STEVENS POINT—Jackson Milling Co.
WATERTOWN—Globe Milling Co.
WAUSAU—Cereal Mills Co.

4902— Flour (Rye)

Alert Mills, Fountain City, Wis.
Arndt Bros., Sheboygan, Wis.
Bay State Milling Co., Winona, Minn.
Blair Milling Co., Atchison, Kans.
Blodgett Milling Co., Janesville, Wis.
Boutwell Milling & Grain Co., Troy, N. Y.
Campbell L. G. Milling Co., Owatonna, Minn.
Clyde Milling & Elevator Co., Clyde, Kans.
Coombs Wm. A. Milling Co., Coldwater, Mich.

Cox A. G., Osseo, Wis.
Crete Mills, Crete, Neb.
Dayton Milling Co., Towanda, Pa.
Dean Silas & Son, Oak Hill, N. Y.
Denesia C. W., Evans Mills, N. Y.
Eagle Roller Mills Co., New Ulm, Minn.
Fremont Milling Co., Fremont, Neb.
Friedline Wm., Sipesville, Pa.
Galloway A. T., Oakdale, Neb.
Gilbert & Nichols Co., Fulton, N. Y.
Heisel C., Plattsmouth, Neb.
Kearney Flour Mills, Kearney, Neb.
Krueger & Lachmann Milling Co., Neenah, Wis.

Loberg Milling Co., Nelsonville, Wis.
Menomomie Milling Co., Menomomie, Wis.
Minneapolis Cereal Co., 7th & Lincoln bldg., Minneapolis, Minn.
Montrose Milling Co., Montrose, Minn.
New Occidental Mill Co., Minneapolis, Minn.

New Ulm Feed & Cereal Mill Co., New Ulm, Minn.

Phoenix Milling Co., Sacramento, Cal.
Saginaw Milling Co., Saginaw, Mich.
Shannon & Mott Co., Des Moines, Ia.
Smith Joseph & Co., Stockton, N. J.
Struve John, Lyons, Ia.
Van Wyck & Stringham, Fishkill Plains, N. Y.

Vorhis F. C., Brookton, N. Y.
Walker W. W. Milling Co., Alden, Minn.
Wells-Abbott-Nieman Co., Schuyler, Neb.
Western Star Mill Co., Salina, Kans.
Willy & Co., Appleton, Wis.
Wright, Stillman & Co., Berlin, Wis.

4903— Flour (Tapioca)

Leyland Thos. & Co., Readville, Boston, Mass.
Morningstar Chas. & Co., 233 B'way, New York
Tanner Chas S. Co., 250 So Water, Providence, R. I.

4904— Flour (Wheat)

Ansted & Burk Co., Springfield, O.
Arndt Bros., Sheboygan, Wis.
Atlanta Milling Co., Atlanta, Ga.
Baldwin Dwight M., Jr., 2219 Pillsbury av., Minneapolis, Minn.
Ballard & Ballard Co., Louisville, Ky.
Bay State Milling Co., Winona, Minn.
Big Diamond Mills Co., 922 Flour Exch., Minneapolis, Minn.
Blish Milling Co., Seymour, Ind.
Brickley F. M. & Co., Prairie du Rocher, Ill.
Campbell L. G. Milling Co., Owatonna, Minn.
Capitol Milling Co., Los Angeles, Cal.

Cataract City Milling Co., Niagara Falls, N. Y.
Commercial Milling Co., Woodbridge & Randolph, Detroit, Mich.
City Mills Co., Columbus, Ga.
Coombs Wm. A. Milling Co., Coldwater, Mich.

Cox A. G., Osseo, Wis.
Crete Mills, Crete, Neb.
Denesia C. W., Evans Mills, N. Y.
Eagle Roller Mills Co., New Ulm, Minn.
Elevator Roller Mills, Co., Columbus, Neb.
Esche-Nelson Milling Co., Manawa, Wis.
Fall Creek Milling Co., Ithaca, N. Y.
Fergus Flour Mills Co., Fergus Falls, Minn.
Fremont Milling Co., Fremont, Neb.
Galloway A. T., Oakdale, Neb.
Gambrill C. A. Mfg. Co., 140 Commerce, Baltimore, Md.
Globe Grain & Milling Co., Los Angeles, Cal.

Greenville Milling Co., Greenville, Ky.
Halliday H. L. Milling Co., Cairo, Ill.
Hannah & Lay Co., Traverse City, Mich.
Harter Milling Co., Toledo, O.
Hayden Wm. Milling Co., Tecumseh, Mich.
Hungarian Milling & Elevator Co., Denver, Colo.

Kansas Milling Co., Wichita, Kans.
Kern J. B. A. & Sons, Milwaukee, Wis.
Krueger & Lachmann Milling Co., Neenah, Wis.

La Grange Mills, Red Wing, Minn.
Lawrenceburg Roller Mills Co., Lawrenceburg, Ind.

Liken John C. & Co., Sebawaing, Mich.
Listman Mill Co., La Crosse, Wis.
Loberg Milling Co., Nelsonville, Wis.
Michigan Milling Co., Ann Arbor, Mich.
Montrose Milling Co., Montrose, Minn.
National Milling Co., Toledo, O.

New Prague Flouring Mills Co., New Prague, Minn.

New Ulms Roller Mill Co., New Ulms, Minn.
Norton Willis & Co., Topeka, Kans.

Ogden Milling & Elevator Co., Ogden, Utah

Paterson Geo. B., Burdett, N. Y.
Perry Mill Co., Perry, Okla.
Piloid Milling Co., Swanton, O.
Pillsbury Flour Mills Co., 3d & Met. Life bldg., Minneapolis, Minn.

Pinckneyville Milling Co., Pinckneyville, Ill.

Portland Flouring Mills Co., Portland, Ore.
Putnam E. M. Columbus, Pa.
Red Wing Milling Co., Red Wing, Minn.

Russell Miller Milling Co., Valley City, North Dak.

Saginaw Milling Co., Saginaw, Mich.
Saxony Mills Corp., St. Louis, Mo.
Schultz, Baujan & Co., Beardstown, Ill.
Shannon & Mott Co., Des Moines, Ia.

Sheffield-King Milling Co., 3d & Cham. Com., Minneapolis, Minn.

Sparks Milling Co., Alton, Ill.
Sperry Flour Co., Fresno, Cal.
Tennant & Hoyt, Lake City, Minn.
Thoman F. Milling Co., Lansing, Mich.
Thompson Milling Co., Lockport, N. Y.

Tiger Shoals Milling Co., Wellford, S. C.

Valley City Milling Co., Grand Rapids, Mich.

Voigt Milling Co., Grand Rapids, Mich.

Washburn-Crosby Co., Cham. Comm., Minneapolis, Minn.

Waterloo & Cedar Falls Union Mill Co., Cedar Falls, Ia.

Wells-Abbott-Nieman Co., Schuyler, Neb.

Willshire Milling Co., Willshire, O.

Willy & Co., Appleton, Wis.

Flour (Wood)

See Wood Flour

4905— Flue Gas Analyzers

Sarco Engineering Co. ("Sarco"), South Ferry bldg, New York

4906— *Flues (Smoke)

Daly M. J. & Sons, Waterbury, Conn.
DOVER BOILER WORKS, Sales Office: 50 Church, New York. Works: Dover, N. J. See adv index at end of book
Pittsburgh-Des Moines Steel Co. (also Chimney), 4th & Ross, Pittsburgh, Pa. See adv index at end of book

4907—Flumes (Iron)

Casey-Hedges Co., Chattanooga, Tenn.
California Corrugated Culvert Co., Berkeley, Cal.

DOVER BOILER WORKS (Also Steel),
Sales Office: 50 Church, New York.
Works: Dover, N. J.

See adv index at end of book

Fitz Water Wheel Co., Hanover, Pa.

Fouts C. C. Co., 650 Woodhaven av, Middletown, O.

Graver Wm. Tank Works, East Chicago, Ind.

Harry Bros. Co. ("Harry's," Corrugated & "K-D," Galvanized), Carr av & I. C. R. R., New Orleans, La.

Hess Flume Co. ("Hess," Toncan Metal & "Maginnis" Corrugated Steel), Denver, Colo.

Hunt Rodney Machine Co., Orange, Mass.
Keeler E. Co., Williamsport, Pa.

Klauer Mfg. Co. (Galvanized), Dubuque, Iowa

Lone Star Culvert Co., Houston, Tex.

MACKINNON BOILER & MACHINE CO.,
218 N Water, Bay City, Mich.

See adv index at end of book

Mitchell-Tappen Co., 17 John, New York
Nebraska Culvert & Mfg. Co., Wahoo, Neb.
Pittsburgh-Des Moines Steel Co. (Iron & Steel), 4th & Ross, Pittsburgh, Pa.

See adv index at end of book

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

See adv index at end of book

Southern Bridge Co., Birmingham, Ala.

Standard Corrugated Pipe Co., Rialto bldg, San Francisco, Cal.

Swick W. L. ("Swick" Galvanized Iron & Steel), Glenwood Springs, Colo.

Traylor Engng. & Mfg. Co., Allentown, Pa.

Vulcan Sheet Metal Co. ("Hinman"), Denver, Colo.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

4908—Flumes (Wood)

Stevens Tank & Tower Co., Auburn, Me.

4909—Fluorspar

Crocker Bros. (Importers), 42d & Mad. av, New York

Foot Mineral Co., 107 N 19th, Phila., Pa.

Kentucky Fluor Spar Co. (Ground), Marion, Ky.

Lavino E. J. & Co. (Importers), Bullitt bldg, Phila., Pa.

New England Quartz Co. of N. Y., 107 William, New York

Roessler & Hasslacher Chemical Co., 100 William, New York

Rogers-Brown & Co. (Jobbers), 77-78 Carew bldg, Cincinnati, O.

Rosclaire Lead & Fluorspar Mines, Washington, D. C.

Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York

Wiarda Jno. & Co., 273 Greene, Brooklyn, N. Y.

4914—Flux (Foundry)

American Alloys Co. (For Brass & Copper), American bldg, Baltimore, Md.
American Boron Products Co. ("Boron"), Reading, Pa.

Basic Mineral Co. ("Keystone" Thermo & Radioclarite), 834 Columbus av, Pittsburgh, Pa.

Bessemer Limestone Co. (Limestone), Youngstown, O.

Buckeye Products Co., Cincinnati, O.

Foundry Specialty Co., Cincinnati, O.

New Era Mfg. Co., Kalamazoo, Mich.

Oranumite Co. of America, 609 Main, Buffalo, N. Y.

Flux (Soldering)

See Soldering Paste, Salts & Stick

4915—Fly Nets

Altland Alfred D., Dillsburg, Pa.

Bemis Bro. Bag Co. (Horses, Cotton & Twine), 601 S 4th, St. Louis, Mo.

Brougher W. D. Net Co., Wellsville, Pa.

Chase L. C. & Co., 89 Franklin, Boston, Mass.

See adv index at end of book

Gem Hammock & Fly Net Co., 191 Hanover, Milwaukee, Wis.

Given R. & Son Co. (For Horses), Sidney, Ohio

Hardenbergh P. R. L. & Co. (Leather, etc), 237 E 8th, St. Paul, Minn.

Harley J. S. (Cotton Horse), Quakertown, Pa.

Hess & Hopkins Leather Co., Rockford, Ill.

Kling Mfg. Co., 2425 Fond du Lac av, Milwaukee, Wis.

Ortmayer A. & Son, 159 W Illinois, Chicago, Ill.

Palmer I. E. Co. (Cotton), Middletown, Conn.

Raniville F. Co. (Leather), Grand Rapids, Mich.

Scheffer & Rossum Co., 216 E 4th, St. Paul, Minn.

Wellsville Mfg. Co., Wellsville, Pa.

Young Benjamin Co., 241 E Water, Milwaukee, Wis.

Fly Screens

See Screens, Window, Metal Frame; also Screens, Window & Door; also Screens, Wire, Rustless

4915a—*Fly Wheels

WHITON D. E. MFG. CO. (Finished Ready for Gas Engines), New London, Conn.

See adv index at end of book

4916—Foil (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.

See adv index at end of book

Seligman Arthur (Imp), 165 B'way, New York

4919—Foods (Cereal, Prepared, Etc.)

See also Oatmeal

Albers Bros. Milling Co., Los Angeles, Cal.
American Cereal Co., 17 Battery pl, New York

American Cereal-Coffee Co., 18 East Kinzie, Chicago, Ill.

Ashby & Sons, Leavenworth, Kans.

Atlas Cereal Co., 1200 West 8th, Kansas City, Mo.

Beck Cereal Co., 569 Fort West, Detroit, Mich.

Better Way Products Co., San Diego, Cal.

Biltmore Wheat Hearts Co., Asheville, N.C.

Canadian-American Cereal Products Co., Produce Exchange, New York

Chicago Concentrated Food Co., Inc., 3059 Sheffield av, Chicago, Ill.

Cream of Wheat Co., 5th & 1st av, N Minneapolis, Minn.

Cumberland Cereal Co., Cumberland, Md.

Dimond Milling Co., Keokuk, Ia.

Evans Milling Co., Indianapolis, Ind.

Excelsior Cereal Milling Co., 726 Santa Fe av, Los Angeles, Cal.

Farwell & Rhines, Watertown, N. Y.

Franklin Mills Co., Batavia, N. Y.

Fruen Cereal Co., 2600 3d av, N Minneapolis, Minn.

Gift J. W. & Co., Peoria, Ill.

Golden Elevator & Mill Co., Golden, Ill.

H-O Company, Buffalo, N. Y.

Hecker Cereal Co., Produce Exch. bldg, New York

Horlick's Malted Milk Co., Racine, Wis.

Johnson Educator Food Co., 40 Broad, Boston, Mass.

Kaufman Benj. & Sons, 146 Ludlow, New York

Kaufman Jos., 148 Ludlow, New York

Kaufman Milling Co., 148 Ludlow, New York

Kellogg Food Co., Battle Creek, Mich.

Kellogg Toasted Corn Flake Co., Battle Creek, Mich.

Keystone Flour Co., 1534 Ridge av, Phila., Pa.

King Cereal & Mfg. Co., 559 West Rand, Chicago, Ill.

Lea Milling Co., Wilmington, Del.

Lens Co., 3d av & Ross, Pittsburgh, Pa.

Lexington Flouring Mills, Lexington, Mo.

Mellin's Food Co., 261 Franklin, Boston, Mass.

Michigan Tea Rusk Co., Holland, Mich.

Murdock Liquid Food Co., 78 Tyler, Boston, Mass.

Northern Illinois Cereal Co., 1306 Belmont av, Chicago, Ill.

Oakdale Baking Co., 10th & Susquehanna av, Phila., Pa.

Pacific Milling Co., 74 Langton, San Francisco, Cal.

Patent Cereals Co., Geneva, N. Y.

Phospho Food Co., Los Angeles, Cal.

Pillsbury Flour Mills Co., Metropolitan Life bldg, Minneapolis, Minn.

Plymouth Milling Co., Le Mars, Ia.

Postum Cereal Co., Ltd., Battle Creek, Mich.

Puget Sound Flouring Mills Co., Tacoma, Wash.

Pure Gluten Food Co., 90 W B'way, New York

Quaker Oats Co., 80 E Jackson, Chicago, Ill.

Ridges Food Co., 2080 Washington, Boston, Mass.

Shredded Wheat Co., 233 B'way, New York

Sims Cereal Co., Central av, Minneapolis, Minn.

South Side Cereal Mills, Fort Wayne, Ind.

Stanard Tilton Milling Co., Pierce bldg, St. Louis, Mo.

Standard Flaked Food Co., Owosso, Mich.

Sun Milling Co., Oakland, Cal.

Thompson Milling Co., Lockport, N. Y.

United Cereal Mills, Quincy, Ill.

U. S. Cereal Co., Upper Sandusky, O.

Voigt Milling Co., Grand Rapids, Mich.

Waseca Milling Co., Waseca, Minn.

Wheatena Company, Rahway, N. J.

Woods J. S., Fredericksburg, Va.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

4922—Foot Rests (Shoe Blacking)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*
 Grey Iron Casting Co., Mt. Joy, Pa.
 Kupferle Jno. C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
 Root-Heath Mfg. Co., Plymouth, O.
 Sacks Louis ("Star"), Hamburg pl, Newark, N. J.
 Weller Hardware & Foundry Co., Horseheads, N. Y.
 Wrightsville Hardware Co., Wrightsville, Pa.

4923—Foot Warmers (Electric)

Hotpoint Electric Heating Co. ("El War-mo"), Los Angeles, Cal.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

4924—Forges (Blast)

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
Buffalo Forge Co. (Stationary & Portable), Buffalo, N. Y.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Miner & Peck Mfg. Co., New Haven, Conn.
 New York Blower Co., Archer av & Canal, Chicago, Ill.; Works: Bucyrus, O.
Miner & Peck Mfg. Co., New Haven, Conn.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Forges (Brazing)

See Furnaces, Brazing

4925—Forges for Brazing Irons

Covel Mfg. Co., Benton Harbor, Mich.
 Hauck Mfg. Co., 140 Cedar, New York
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

4926—Forges for Drop Forging Plants

American Gas Furnace Co. (Gas Blast), 24 John, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Miner & Peck Mfg. Co., New Haven, Conn.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.

4927—Forges (Gas Blast)

American Gas Furnace Co., 24 John, New York
 Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 608 N La Salle av, Chicago, Ill.
 Comstock A. S. (Automatic Power), Evanston, Ill.
 Lucas J. L. & Son ("Gas Saver"), Bridgeport, Conn.

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

4928—Forges (Heating)

See also Furnaces

Bradley C. C. & Son, Syracuse, N. Y.
 Buffalo Forge Co., Buffalo, N. Y.
 Canedy-Otto Mfg. Co. (Portable & Stationary), Chicago Heights, Ill.
 Chicago Flexible Shaft Co. ("Stewart," Crude Oil or Gas), 608 N La Salle av, Chicago, Ill.
 Evans' Jno. Sons (& Welding), 506 N 13th, Philadelphia, Pa.
 Hauck Mfg. Co., 140 Cedar, New York
 Ingersoll-Rand Co., 11 Broadway, New York *See adv index at end of book*
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 New York Blower Co., Archer av & Canal, Chicago, Ill. Works, Bucyrus, O.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

4929—Forges (Manual Training)

Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.

4930—Forges (Oil, Portable)

Best W. N., 11 B'way, New York
 Denver Fire Clay Co. ("Case" Low Pressure), Denver, Colo.
 Hauck Mfg. Co., 140 Cedar, New York
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Mirc's Fuel-Oil Equipment Co., Lancaster, Pa.
 National Supply Co. ("Billow" System), 416 W Grand av, Chicago, Ill.
 Rockwell W. S. Co. (& Stationary), 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

4931—Forges (Pneumatic)

Hauck Mfg. Co., 140 Cedar, New York
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Manitowoc Shipbuilding Co. ("Gunnell"), Manitowoc, Wis.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

4932—Forges (Portable)

Beall Tool Co., East Alton, Ill.
 Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
 Buffalo Forge Co., Buffalo, N. Y.
 Canedy-Otto Mfg. Co. ("Western Chief" & "Royal"), Chicago Heights, Ill.
 Champion Blower & Forge Co., Lancaster, Pa.
 Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.

Cleveland Steam Gauge Co. ("Watson"), 418 Prospect, N W, Cleveland, O.
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Fargo Foundry Co. (Farm), Fargo, N. D.
 Furness Bros. Co. ("Cumming"), 1613 Walnut, Chicago, Ill.
 Hauck Mfg. Co., 140 Cedar, New York
 Potts D. H. Co., Lancaster, Pa.
 Silver Mfg. Co., Salem, O.
STURTEVANT B. F. CO. ("Sturtevant," Also Stationary), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

4933—Forges (Rivet Heating)

American Shop Equipment Co. ("Aseco" Portable Oil & Gas Forges), McCormick bldg, Chicago, Ill.
 Best W. N., 11 B'way, New York
 Braun Corp. ("Braun," Gasoline Fuel), Los Angeles, Cal.
 Champion Blower & Forge Co., Lancaster, Pa.
 Hauck Mfg. Co., 140 Cedar, New York
 Lovejoy Tool Works (Portable), 319 W Ohio, Chicago, Ill.
 MacLeod Co. (Oil Fuel), 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Mahr Mfg. Co. (Portable Oil), 715 15th av, N E Minneapolis, Minn.
 Manitowoc Shipbuilding Co., Manitowoc, Wis.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Tate-Jones & Co. (Portable & Stationary Oil Rivet Forges), Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Forges (Tuyere Iron)

See Heaters, Tuyere Iron

Forging Machines

See Machines, Forging

4933a—*Forgings (Aeroplane Cylinders)

Tioga Steel & Iron Co., Phila., Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4934—Forgings (Alloy Steel)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 Blakeslee Forging Co., Plantsville, Conn.
 Cleveland Knife & Forge Co., 1960 W 114th, Cleveland, O.
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
 Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
 Ludlum Steel Co., Watervliet, N. Y.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
 Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill.
See adv index at end of book

INFORMATION

The publishers of the Register are willing at all times to give all possible information pertaining to the products of their advertisers. Advertisers in the Register are invited to supply the publishers with catalogues or other information likely to be of interest to possible buyers.

4935— Forgings (Aluminum)

Union Drop Forge Co., 358 W Grand, Chicago, Ill.
United States Aluminum Co., Oliver bldg, Pittsburgh, Pa.
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

4936—Forging (Automatic Coupler)

Bethlehem Steel Co., So Bethlehem, Pa.

4937— Forgings (Automobile)

See Forgings, Drop; also Forgings, Iron & Steel
Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
American Forge Works, 1421 13th, Denver, Col.
American & British Mfg. Co., Charles, Providence, R. I.
Anderson Forge & Machine Co., Detroit, Mich.
Ashtabula Bow Socket Co. (Automobile Bow-Sockets, Gooseneck & Top Rest Irons, Socket Irons, etc), Ashtabula, O.
Atlas Drop Forge Co., Lansing, Mich.
Atwater Mfg. Co., Southington, Conn.
Baker Gun & Forging Co., Batavia, N. Y.
Barnett Drop Forging Co. (Crankshafts & All Auto Forgings), East Hampton, Mass.
Belden Machine Co., New Haven, Conn.
Bethlehem Steel Co. (Of Special Grades of Steel), South Bethlehem, Pa.
Billings & Spencer Co., Hartford, Conn.
Blakeslee Forging Co., Plantsville, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*
Briscoe Motor Corp., Jackson, Mich.
Champion Machine & Forging Co., Cleveland, O.
Chicago Drop Forge & Foundry Co., 447 Kensington av, Chicago, Ill.
Christe-Kline Forge Co., Detroit, Mich.
Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
Cleveland City Forge & Iron Co., Cleveland, O.
Cleveland Knife & Forge Co., Cleveland, O.
Cleveland Hardware Co., Cleveland, O.
Columbus Bolt Works Co., Columbus, O.
Cortland Forging Co., Cortland, N. Y.
Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.
Detroit Steel Products Co., Detroit, Mich.
Driggs-Seabury Ordnance Co., Sharon, Pa.
Eccles Richard Co., Auburn, N. Y.
FRASSE, PETER A. & CO., INC., 417 Canal, New York
See adv index at end of book
Frost Gear & Forge Co., Jackson, Mich.
Fulton Drop Forge Co., Canal Fulton, O.
General Drop Forge Co., Buffalo, N. Y.
Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.
Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.
Hayes Mfg. Co. (Iron), Detroit, Mich.
Henry & Allen, Auburn, N. Y.
Heppenstall Forge Co., Bridgeport, Conn.

Heppenstall Forge & Knife Co., 47th & Hartford, Pittsburgh, Pa.
Herbrand Co., Fremont, O.
Indianapolis Drop Forging Co., Indianapolis, Ind.
Ingalls-Shepard Forging Co., 332 S Michigan av, Chicago, Ill.; Works: Harvey, Ill.
Keystone Drop Forge Works, Chester, Pa.
Keystone Forging Co., Northumberland, Pa.
Kropp Forge Co., 2512 W 21st, Chicago, Ill.
Lakeside Forge Co., Erie, Pa.
McInnes Steel Co. (Ltd.) ("McInnes," Steel), Corry, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
New Brunswick Iron Works, New Brunswick, N. J.
O. K. Tool Holder Co., Shelton, Conn.
OHIO FORGE CO. (Drop & Hammered), Cleveland, O. *See adv index at end of book*
Page Storms Drop Forge Co., Chicopee, Mass.
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Richmond Forgings Corporation, Richmond, Va.
Rivetless Chain & Engineering Co., Avon, Pa.
Rockford Drop Forge Co., Rockford, Ill.
Seward M. & Son Co., New Haven, Conn.
Strieby & Foote Co. (Drop), 301 Ogden, Newark, N. J.
Thomson Drop Forge Co., Plantsville, Conn.
Tindel-Morris Co. (Finished), Eddystone, Pa.
Tioga Steel & Iron Co., Phila., Pa.
Transue & Williams Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand, Chicago, Ill.
Union Forging Co., Union, N. Y.
Western Tool & Forge Co., Brackenridge, Pa.
Wharton Wm. Jr. & Co., Inc., Easton, Pa. *See adv index at end of book*
Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill.
See adv index at end of book
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.
Wyman-Gordon Co. (Cam Shaft, Connecting Rod, etc), Worcester, Mass.

4938— Forgings (Bronze)

American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.
Anderson Forge & Machine Co., Detroit, Mich.
Billings & Spencer Co., Hartford, Conn.
BLISS E. W. CO., 19 Adams, B'klyn, N. Y. *See adv index at end of book*
Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
Detroit Steel Products Co., Detroit, Mich.
Eureka Co., North East, Pa.
General Drop Forge Co., Buffalo, N. Y.
Keystone Drop Forge Works, Chester, Pa.
Lakeside Forge Co., Erie, Pa.
O. K. Tool Holder Co. (Tobin Bronze), Shelton, Conn.

Page Storms Drop Forge Co., Chicopee, Mass.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Transue & Williams, Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand, Chicago, Ill.
Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.
Virginia Forging & Mfg. Co., Richmond, Va.
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

4939—Forgings (Carriage & Wagon)

Blakeslee Forging Co., Plantsville, Conn.
BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*
Eccles Richard Co., Auburn, N. Y.
Keystone Forging Co., Northumberland, Pa.
Kilborn & Bishop Co., New Haven, Conn.
Tioga Steel & Iron Co., Phila., Pa.
Union Forging Co., Union, N. Y.

4940— Forgings (Cold)

Worcester Pressed Steel Co., Worcester, Mass.

4941— Forgings (Copper)

Anderson Forge & Machine Co., Detroit, Mich.
Billings & Suencer Co., Hartford, Conn.
Columbia Machine Works & Malleable Iron, Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Electric Materials Co., North East, Pa.
Eureka Co., North East, Pa.
General Drop Forge Co., Buffalo, N. Y.
Keystone Drop Forge Works, Chester, Pa.
Kilborn & Bishop Co. New Haven, Conn.
Lakeside Forge Co., Erie, Pa.
Mutual Electric & Machine Co., 232 Fort, W, Detroit, Mich.
Page Storms Drop Forge Co., Chicopee, Mass.
Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
Transue & Williams, Steel Forging Corp., Alliance, O.
Union Drop Forge Co., 358 W Grand, Chicago, Ill.
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

4942— Forgings (Die)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
American Forge & Machine Co., Canton, O.
BLISS E. W. CO., 19 Adams, B'klyn, N. Y. *See adv index at end of book*
Crucible Steel Forge Co., 5812 Carnegie av, Cleveland, O.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Ohio Forge Co., Cleveland, O. *See adv index at end of book*
Park Drop Forge Co., 760 E 79th, Cleveland, Ohio

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Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Wyman-Gordon Co., Worcester, Mass.

4943— Forgings (Disc)

Allegheny Forging Co., 530 4th av., Pittsburgh, Pa.
OHIO FORGE CO., Cleveland, O.
See adv index at end of book
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Tioga Steel & Iron Co., Phila., Pa.
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4944— Forgings (Drop)

See also Forgings, Iron & Steel

Allegheny Forging Co., 530 4th av., Pittsburgh, Pa.
American Car & Fdry Co., Syndicate Trust bldg, St. Louis, Mo.
American Chain Co., Bridgeport, Conn.
American Forge Works, 1421 13th, Denver, Colo.
American Forge & Machine Co., Canton, O.
American Manganese Bronze Co. (Bronze), 3501 Rhawn, Phila., Pa.
American Tube & Stamping Co., Bridgeport, Conn.
American & British Mfg. Co., Charles, Providence, R. I.
Anderson Forge & Machine Co., Detroit, Mich.
Atlas Drop Forge Co., Lansing, Mich.
Baker Gun & Forging Co. (Small), Batavia, N. Y.
Ballard Drop Forge Co., Ballard, Wash.
Barnett Drop Forging Co. (Auto & General), Easthampton, Mass.
Bassett D. M. Bolt Works, Shelton, Conn.
Belden Machine Co., New Haven, Conn.
Bethlehem Steel Co., South Bethlehem, Pa.

Billings & Spencer Co. (Automobile & Spring Steering Connections, Spring Box Throttle Connections, Rod & Yoke End), Hartford, Conn.
Blakeslee Forging Co., Plantsville, Conn.
BLISS E. W. CO., 19 Adams, B'klyn, N. Y.
See adv index at end of book

Bonner Tool Co., Champaign, Ill.

BONNEY VISE & TOOL WORKS, Allentown, Pa. *See adv index at end of book*

Boston & Lockport Block Co., 100 Condor, East Boston, Mass.

Brown R. H. & Co., New Haven, Conn.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Canton Drop Forging & Mfg. Co., Canton, Ohio

Cape Ann Tool Co., Rockport, Mass.

Champion Machine & Forging Co., Cleveland, O.

Chicago Drop Forge & Foundry Co., 447 Kensington av., Chicago, Ill.

Clapp E. D. Mfg. Co. (Carriage, Bicycle, etc.), 300 Genesee, Auburn, N. Y.

Clark W. J. Co., Salem, O.

Cleveland City Forge & Iron Co., Cleveland, O.

Cleveland Hardware Co., Cleveland, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E Cleveland, O.

Columbia Machine Works & Malleable Iron Co. (Elec. Railway), Atlantic av & Chestnut, Brooklyn, N. Y.

Columbus Bolt Works Co. (Carriage, etc), Columbus, O.

COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*

Consolidated Mfg. Co. (Automobile, etc.), Toledo, O.

Crescent Forgings Co., Oakmont, Pa.

Crescent Tool Co., 200 Harrison, Jamestown, N. Y.

Danielson J. P. & Co., Jamestown, N. Y.

Davis Hardware Mfg. Co., Gloucester, Mass.

Dean Forging Co., Muncie, Ind.

Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.

Detroit Steel Products Co., Detroit, Mich.
Diamond Forging & Mfg. Co., Chartiers & Ridge av, N. S., Pittsburgh, Pa.

Driggs-Seabury Ordnance Co. (Vanadium Steel, Nickel & Carbon), Sharon, Pa.

Drop Forging Co. of New York, 301 West Side av, Jersey City, N. J.

Duncan Co., Toledo, O.

Dunn Machine Co., Buffalo, N. Y.

Dyson Jos. & Sons, Cleveland, O.

Eccles Richard Co. (Carriage & Special), Auburn, N. Y.

Electro Steel Co., Curry bldg, Pittsburgh, Pa.

Emergency Forge Co., Lansing, Mich.

Endicott Forging & Mfg. Co., Endicott, N. Y.

Finkl A. & Sons Co., 1326 Cortland, Chicago, Ill.

FRASSE PETER A. & CO., INC., 417 Canal, New York

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Fulton Drop Forge Co., Canal Fulton, O.

General Drop Forge Co., Buffalo, N. Y.

Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.

Hartford Drop Forge Co. (Small & Medium), Hartford, Conn.

Hayden-Corbett Chain Co., Columbus, O.

See adv index at end of book

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

Henry & Allen, Auburn, N. Y.

Herbrand Co., Fremont, O.

Houk Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.

Hubbard & Co., 63d & Butler, Pittsburgh, Pa.

Indianapolis Drop Forging Co. (All Kinds), Indianapolis, Ind.

Ingalls-Shepard Forging Co., 332 S Michigan, Chicago, Ill. Works, Harvey, Ill.

Irrington Mfg. Co. (Gun Parts, Bicycle, etc), Irvington, N. J.

Keystone Drop Forge Works (Special, All Kinds), Chester, Pa.

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Keystone Forging Co. (Carriage & Special), Northumberland, Pa.
 Kilborn & Bishop Co. (Carriage, Bicycle, etc), New Haven, Conn.
 Kraeuter & Co. (Small, High Grade), 583 18th av, Newark, N. J.
 Kropp Forge Co., 2512 W 21st, Chicago, Ill.
 Ladish Drop Forge Co., Cudahy, Wis.
 Lakeside Forge Co., Erie, Pa.
 Livermore, H. F. Co., 85 Pearl, Boston, Mass.
 McKaig Drop Forge Co., Buffalo, N. Y.
 McKay Jas. Co., Thompson av, Pittsburgh, Pa. Works: McKees Rocks, Pa.
 Marine Hardware Equipment Co. ("Acme" & "Wheco"), S. Portland, Me.
MERRILL BROS., 3 Arnold, Maspeth (Borough of Queens), New York
See adv index at end of book
 Michigan Bolt & Nut Works, Detroit, Mich.
 Modern Machy. Co. (Finished), Wilmington, Del.
 Moore Drop Forging Co., Springfield, Mass.
 New Castle Steel & Iron Co., Pittsburgh, Pa.
 New England Forge Co., Worcester, Mass.
 Newton W. H. & Son, Cortland, N. Y.
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 O. K. Tool Holder Co., Shelton, Conn.
OHIO FORGE CO., Cleveland, O.
See adv index at end of book
 Oliver Iron & Steel Co. (Car & General), S 10th & Muriel, Pittsburgh, Pa.
 Page Storms Drop Forge Co., Chicopee, Mass.
 Park Drop Forge Co., 760 E 79th, Cleveland, O.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
 Revere Drop Forge Co., Revere, Mass.
 Rhode Island Tool Co., Providence, R. I.
 Richmond Forgings Corp., Richmond, Va.
 Rivetless Chain & Engineering Co., Avon, Pa.
 Rockford Drop Forge Co., Rockford, Ill.
 St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
 Schollhorn Wm. Co., New Haven, Conn.
 Scranton Forging Co. (Carriage, etc), Scranton, Pa.
 Seward M. & Son Co. (Carriage, Bicycle, etc), New Haven, Conn.
 Smith A. O. Co. (Up to 600 lbs), Milwaukee, Wis.
 Smith H. D. & Co. (Vehicle & Special), Plantsville, Conn.
 Southern Saw & Machinery Works, Atlanta, Ga.
 Spicer Mfg. Co., So. Plainfield, N. J.
 Steel Car Forge Co., Pittsburgh, Pa.
 Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.
 Strait H. M. Mfg. Co., Kansas City, Kan.
 Strieby & Foote Co. (Automobile & Special), 301 Ogden, Newark, N. J.
 Thomson Drop Forge Co., Plantsville, Conn.
 Transue & Williams Steel Forging Corp., Alliance, O.
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.
 Valley Forging Co., Verona, Pa.
 Voight Henry Mach. Co., Louisville, Ky.

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Western Tool & Forge Co., Brackenridge, Pa.
 Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
WHITMAN & BARNES MFG. CO., 1000 W 120th, Chicago, Ill.
See adv index at end of book
 Wilcox D. Mfg. Co., Mechanicsburg, Pa.
 Wilcox, Crittenden & Co., Middletown, Conn.
 Williams Drop Forging Co., Scranton, Pa.
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.
 Wyman-Gordon Co., Worcester, Mass.

Forgings (Electric)

See Welding, Electric

4945—Forgings (Electric Railway)

See also Forgings, Drop; also Forgings, Iron & Steel

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 Anderson Forge & Machine Co., Detroit, Mich.
 Bethlehem Steel Co., So. Bethlehem, Pa.
 Champion Machine & Forging Co., Cleveland, O.
 Columbia Machine Works & Malleable Iron Co. (All Kinds), Atlantic av & Chestnut, Brooklyn, N. Y.
 General Drop Forge Co., Buffalo, N. Y.
 Hubbard Co., 63rd & Butler, Pittsburgh, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Keystone Drop Forge Works, Chester, Pa.
 Lakeside Forge Co., Erie, Pa.
 Heppenstall Forge Co., Bridgeport, Conn.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Page Storms Drop Forge Co., Chicopee, Mass.
 Park Drop Forge Co., 760 E 79th, Cleveland, O.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Union Drop Forge Co., 358 W Grant, Chicago, Ill.
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

4946—Forgings (Electrically Welded)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
STANDARD PARTS CO. (Electric Welded), W 76th, Cleveland, O.
See adv index at end of book

4946a—*Forgings (Flour Mill)

GERDES & CO., 42 Church, New York
See adv index at end of book

4947—Forgings (Gas Engine)

See also Forgings, Drop; also Forging, Iron & Steel

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 Anderson Forge & Machine Co., Detroit, Mich.
 Atlas Drop Forge Co., Lansing, Mich.
 Bay City Forge Co., 1820 Cranberry, Erie, Pa.
 Champion Machine & Forging Co., Cleveland, O.
 Cleveland Knife & Forge Co., Cleveland, Ohio
 Columbus Bolt Works Co., Columbus, O.
 Driggs-Seabury Ordnance Co., Sharon, Pa.
 Duncan Co., Toledo, O.
 Erie Forge Co. (Marine), Erie, Pa.
 General Drop Forge Co., Buffalo, N. Y.
 Heppenstall Forge Co., Bridgeport, Conn.
 Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.
 Keystone Drop Forge Works, Chester, Pa.
 Kropp Forge Co., 2512 W 21st, Chicago, Ill.
 Ohio Forge Co., Cleveland, O.
See adv index at end of book
 Park Drop Forge Co., 760 E 79th, Cleveland, O.
 Rockford Drop Forge Co., Rockford, Ill.
 Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
 Strieby & Foote Co., 301 Ogden, Newark, N. J.
 Tindel-Morris Co., (Specialty, Crankshafts Finished), Eddystone, Pa. & Ellwood City, Pa.
 Titusville Forge Co., Titusville, Pa.
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.
 Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
 Western Drop Forge Co., P O Box 386, Marion, Ind.
See adv index at end of book
 Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill.
See adv index at end of book
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.
 Wyman-Gordon Co., Worcester, Mass.

4948—Forgings (German Silver)

Riverside Metal Co., Riverside, N. J.

4949—Forgings (Hollow)

Bethlehem Steel Co., South Bethlehem, Pa.
 Erie Forge Co. (Bored, Hole from 1/2 "to 20" Diameter, and from 1 ft. to 30 ft. Length, Rough or Finished), Erie, Pa.

4950—Forgings (Hydraulic)

American Forge & Machine Co. (Steam Hydraulic Press), Canton, O.
 American Tube & Stamping Co., Bridgeport, Conn.
 American & British Mfg. Co., Charles, Providence, R. I.
 Atlas Drop Forge Co., Lansing, Mich.
 Bethlehem Steel Co., South Bethlehem, Pa.

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Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*
Morgan Engineering Co., Alliance, O. *See adv index at end of book*
Park Drop Forge Co., 760 E 79th, Cleveland, O.
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
Tindel-Morris Co., Eddystone, Pa.
Tioga Steel & Iron Co., Phila., Pa.
Titusville Forge Co., Titusville, Pa.
Wharton Wm. Jr. & Co., Easton, Pa.
Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

4951—Forgings (Iron & Steel)

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 Pennington G. W. Sons, 1699 Montgomery
 Union Iron Works Co. (Ship & Mining), 20th & Michigan

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PUEBLO—Pueblo Fdry. & Machine Co.

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 Thomson Drop Forge Co.
SHELTON—O. K. Tool Holder Co.
SOUTHINGTON—Atwater Mfg. Co. (Carriage & Specials)
WATERBURY—Moffat H. R. & J.

DELAWARE.

EDGE MOOR—Edge Moor Iron Co. (Also Pressed Steel for Car Trucks, etc)
WILMINGTON—Modern Machinery Co. (Finished)

GEORGIA.

ATLANTA—Southern Saw & Machinery Works
SAVANNAH—Kehoe Iron Works
 Rourke Jno. & Sons (Heavy)

ILLINOIS.

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CHICAGO—Ajax Forge Co., 2499 Blue Island av
 Buda Co. (Special Track Work), Railway Exch bldg
 Chicago Drop Forge & Foundry Co., 447 Kensington av

Illinois Car & Mfg. Co. (Car), 20 W Jackson blvd
Ingalls-Shepard Forging Co. (Auto, R. R. Machinery, etc.), 332 S Michigan, Chicago, Ill. Works: Harvey, Ill.
Kropp Forge Co. (General Forgings), 2512 W 21st
O'Leary Arthur J. & Son Co. (Bars, Rods, Bolts, Vises, Railway & Quarry Tools, etc), 65th & 57th av
Standard Forgings Co., Railway Exchange bldg
Sundberg Co. (General Forgings), 1024 W Kinzie
Union Drop Forge Co., 358 W Grand
Western Steel Car & Foundry Co. (Car & Railroad), Peoples' Gas bldg, Chicago, Ill.
Willard Sons & Bell Co. (Axles, Locomotives & Cars), 3044 98th
HARVEY—Buda Co. (See Chicago, Ill.)
MOUNT VERNON—Mount Vernon Car Mfg. Co. (R R, etc)
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ROCKFORD—Rockford Drop Forge Co. (Steel)

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MAINE.

PORTLAND—Fletcher & Crowell Co. Portland Co.

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 Cahill W. S. Co., ft of Webster
CUMBERLAND—Cumberland Steel Co.

MASSACHUSETTS.

ARLINGTON HEIGHTS—Jones Ball Co. (Small Steel, Brass, etc)
BOSTON—Boston Forge Co. (All Kinds of Hammered Forgings), E
 Preble Edward, 103 Sumner, E B
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QUINCY—Fore River Shipbuilding Corp. (Heavy)
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WORCESTER—New England Forge Co.
 Wyman-Gordon Co. (All Kinds)

MICHIGAN.

BAY CITY—MAC KINNON BOILER & MACHINE CO., 218 N Water
See adv index at end of book

DETROIT—Anderson Forge & Machine Co.
 Christie-Kline Forge Co. (Automobile & Machine)
 Detroit Forging Co., 120 Mt. Elliot av
 Detroit Steel Products Co. (Steel)
 Great Lakes Engineering Works (Marine, etc)
 Hayes Mfg. Co.
 Lauer Jno. Mach. Co.
 Michigan Bolt & Nut Works
GRAND RAPIDS—Leitelt Adolph Iron Works
JACKSON—Mott Wheel Works (Carriage & Bike Wagon)
MANISTEE—Manistee Iron Works Co. (Railroad & Heavy)
SAGINAW—Koehler Bros.
SAULT SAINTES MARIE—Hickler Bros.

MINNESOTA.

DULUTH—National Iron Co.

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Car R R & Merchant)
ST. LOUIS—American Car & Foundry Co. (Car, Railroad & Merchant), Syndicate Trust bldg
 Mesker Bros. Iron Co. (Light), 421 S 6th
 Moran Bolt & Nut Mfg. Co. (Car), 1st & Florida
 St. Louis Car Co. (Car), 8000 N B'way

MONTANA.

BUTTE—Western Iron Works

NEBRASKA.

OMAHA—Paxton & Vierling Iron Works

NEW JERSEY.

BAYONNE—Bayonne Bolt & Nut Co.
BORDENTOWN—Bordentown Forge & Machine Co.
CAMDEN—Camden Forge Co. (Railway Forgings)
CHROME—Chrome Steel Works
HOBOKEN—Atkinson W. H. Co. (Hammered Forgings, Rough or Machined)
 Consolidated Iron Works
 New York Switch & Crossing Co. (Railroad)
 Union Iron Works (Light & Heavy)
JERSEY CITY—Drop Forgings Co. of N.Y.
 Smith Theo. & Sons Co. (Heavy), ft of Essex
NEWARK—Hewes & Phillips Iron Works, 8 Orange
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 Strieby & Foote Co., 301 Ogden (Carriage, Bicycle & Auto, etc)
NEW BRUNSWICK—New Brunswick Iron Works

NEW YORK.

ALBANY—Townsend Foundry & Machine Shop Co., Broadway & Rensselaer
See adv index at end of book
AUBURN—Clapp E. D. Mfg. Co. (Carriage, etc), 300 Genesee
 Eccles Richard Co.
 Henry & Allen
BATAVIA—Baker Gun & Forging Co. (Gun)
BUFFALO—Brennan Richard, 33 River
 De Laney Forge & Iron Co., 300 Perry
 General Drop Forge Co.
 Niagara Forged Steel Co. (R. R. Specialties & Forgings)
 Progressive Structural Steel Co.
 Sizer Forge Co. (Locomotive, Iron & Steel Drawing Axles & Marine Engine), 238 Larkin
 Vulcan Steam Forging Co., 251 Rano
 Wurtz & Son (Railroad & Boiler), Builders Exchange
CORTLAND—Cortland Forging Co. (Carriage)
HILLBURN—Ramapo Iron Works (Railroad, etc)
ITHACA—Williams Bros.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—BLISS E. W. CO., 19 Adams
See adv index at end of book
 Columbia Machine Works & Malleable
 Iron Co. (Light & Heavy), Atlan-
 tic av & Chestnut
Fulton Foundry & Machine Co. (Ma-
 chinery, etc), 21 Furman
Gaskell Wm. & Son, 59 Freeman
Gill Phil. H. & Sons (Forging & Pip-
 ing), 2 Lorraine
Hay-Budden Mfg. Co. (Dies, Weldless
 Rings, Spinning Chucks), 254 N
 Henry
Williams J. H. & Co., 156 Hamilton av

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Crowley John A. Co., 120 Liberty
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 Plate & Structural Work), 82 War-
 ren. Works: Niagara Falls, N. Y.
FRASSE PETER A. & CO., INC.
 (Steel Only), 417 Canal
See adv index at end of book
Gerdas & Co., 42 Church
See adv index at end of book
Gould Coupler Co. (Car Couplers, etc),
 30 E 42d
Griscom-Russell Co., 92 West
See adv index at end of book
Greenlie-Halliday Co. (Heavy & Light),
 499 Water
McDougall & Potter Co., Inc., 606 W
 55th
Newhall Chain, Forge & Iron Co., 89
 West
Ogden J. Edward Co. (Light & Heavy),
 147 Cedar
Philadelphia Steel & Forge Co. (All
 Kinds), 50 Church; Works: Ta-
 cony, Phila., Pa.
Treadwell M. H. Co., 140 Cedar
Watson's Forge & Machine Works, 553
 W 35th

Borough of Queens.

LONG ISLAND CITY—Stuebner G. L. Iron
Works (Light), Queensboro Ter-
 minal *See adv index at end of book*
MASPETH—MERRILL BROS., 3 Arnold
See adv index at end of book

(End of New York City)

NIAGARA FALLS—Dobbie Foundry &
Machine Co. (Heavy Plate &
 Structural Work
Ramapo Iron Works (Railroad, etc)
SOLVAY—Hammond Steel & Forging Co.
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TONAWANDA—Gillie Machine Co.
UNION—Union Forging Co. (Carriage &
 Automobile)

OHIO.

AKRON—Akron-Selle Co. (Wagon)
ALLIANCE—Morgan Engineering Co.
See adv index at end of book
CANAL FULTON—Fulton Drop Forge Co.
CINCINNATI—Pollak Steel Co. (Railroad,
 etc), Carthage
Queen City Forging Co. (For Carriage
 Builders, etc), Dumont & Tenny-
 son, Columbia
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 setting Special Machine & Ham-
 mer Forgings)
Cleveland City Forge & Iron Co.
 (Light etc)
Cleveland Hardware Co. (Steel Forg-
 ings for Vehicles)
Cleveland Machine & Mfg. Co.
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Horsburgh Forging Co.
JOHNSTON & JENNINGS CO., Addi-
 son rd & N. Y. C. R. R.
See adv index at end of book
Lake Erie Forging Co. (Die, Weldless
 Steel Rings & Machine Forgings)
Machinery Forging Co. (Small)
OHIO FORGE CO. (Automobile Ma-
 chine, etc.)
See adv index at end of book
Ohio Machine & Boiler Co., 1501 Uni-
 versity rd
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 79th
Wyman & Gordon Co., 3803 Superior
 av (See Worcester, Mass.)
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 tiples) *See adv index at end of book*
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MARIETTA—Leidecker Tool Co.
MARTINS FERRY—McDermott P. J.
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See adv index at end of book
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NORWALK—Norwalk Drilling Tool Co.
 (Heavy)
SANDUSKY—Klotz Machine Co. (Heavy)
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OAKMONT—Crescent Forging Co.
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Brill J. G. Co. (For Steam & Electric
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Cambria Steel Co. (Steel Car & Gen-
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 Standard Steel Works Co. (Steel Locomotive), Morris bldg
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 Hubbard & Co. (Light), 63rd & Butler
 Jones & Laughlin Steel Co. (Steel Only), Ross
 Lanz M. & Sons, 2907 Carson
 McKay Jas. Co. (Light Forgings; also Railroad Forgings). Works: McKees Rocks, Pa.
MESTA MACHINE CO. (Steel Only)
See adv index at end of book
 New Castle Steel & Iron Co. (Car, Mine, Agricultural, etc)
 Oil Well Supply Co., 215 Water
 Pittsburgh Block & Mfg. Co., 818 South av
 Pittsburgh Forge & Iron Co. (Car, Locomotive & Marine), 1003 Penn av
 Pittsburgh Knife & Forge Co., 709 Belmont
 Pittsburgh Rivet Co. (Rivets, Bolts, etc), 39th
 Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
 Pressed Steel Car Co. (Iron & Pressed Steel), 307 5th av, Pittsburgh, Pa.
 Steel Car Forge Co. (For Steam & Electric Railways, Mfg. Plants, etc), New York
RANKIN—(See Pittsburgh)
READING—Carpenter Steel Co. (Steel & Gun)
 Reading Iron Co. (Heavy Marine Engines, etc)
SHARON—Driggs-Seabury Ordnance Co.
SOUTH BETHLEHEM—Bethlehem Steel Co. (Heavy of All Kinds)
STEELTON—Penna. Steel Co. (Heavy Steel)
TITUSVILLE—Titusville Forge Co. (Light & Heavy, Shapes of Every Description & Roll Forgings, Car Forgings, etc)
VERONA—Valley Forging Co. (Car & Special)
WILKES-BARRE—Vulcan Iron Works

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PROVIDENCE—Rhode Island Tool Co. (For the Trade)

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CHARLESTON—Charleston Iron Works (Mach. & Marine)
 Riverside Iron Works (Marine, etc)

TENNESSEE.

CHATTANOOGA—Chattanooga Car & Foundry Co.
KNOXVILLE—Knoxville Foundry & Machine Co. (Heavy)

TEXAS.

DALLAS—Mosher Mfg. Co. (Heavy)
HOUSTON—Bayou City Iron Works (Heavy)
 Houston Car Wheel & Machine Co. (Heavy)

VIRGINIA.

NORFOLK—Godwin Thos. W. & Co. (Marine, etc.)
RICHMOND—Cameron Stove Co.
 Richmond Forgings Corporation
 Tredegar Co. (Car & Machinery)

WASHINGTON.

SEATTLE—Seattle Construction & Dry Dock Co. (Marine, etc)
SPOKANE—Northwest Harvester Co.

WISCONSIN.

CUHADY—Ladish Drop Forge Co. (Crankshafts, Gear Blanks, Connecting Rods, etc.)
NORTH MILWAUKEE—Wisconsin Bridge & Iron Co.

4952—Forgings (Liquid Compound)

Bethlehem Steel Co., South Bethlehem, Pa.

4952a—*Forgings (Machinery)

JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book
 Tioga Steel & Iron Co., Phila., Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4953—Forgings (Manganese Bronze)

AMERICAN MANGANESE BRONZE CO., 3501 Khawn, Phila., Pa.
 Anderson Forge & Machine Co., Detroit, Mich.
 Cramp Wm. & Sons Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.
 Detroit Steel Products Co., Detroit, Mich.
 General Drop Forge Co., Buffalo, N. Y.
 Park Drop Forge Co., 760 E 79th, Cleveland, O.
 Wyman-Gordon Co., Worcester, Mass., & Cleveland, O.

4954—Forgings (Manganese Steel)

Anderson Forge & Machine Co., Detroit, Mich.
 Tioga Steel & Iron Co., Phila., Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4955—Forgings (Monel Metal)

Pennsylvania Forge Co., Wakeling & Bermuda, Phila., Pa.
 Strieby & Foote Co., 301 Ogden, Newark, N. J.
SUPPLEE-BIDDLE HARDWARE CO., 5th & Commerce, Phila., Pa.
See adv index at end of book
WILLIAMS & CO. (INC.), 220-226 Penn. av, Pittsburgh, Pa.
See adv index at end of book

4956—Forgings (Nickel Steel)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
 American Forge Works, 1421 13th, Denver, Colo.
 American & British Mfg. Co., Charles, Providence, R. I.
 Anderson Forge & Machine Co., Detroit, Mich.
 Bethlehem Steel Co., South Bethlehem, Pa.
 Billings & Spencer Co., Hartford, Conn.
 Blakeslee Forging Co., Plantsville, Conn.
 Boston Forge Co., E. Boston, Mass.
 Carbon Steel Co., ft 32d, Pittsburgh, Pa.
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.
 Carpenter Steel Co. (Nickel Chrome Steel), Reading, Pa.
 Champion Machine & Forging Co., Cleveland, O.
 Clapp E. D. Mfg. Co., 300 Genesee, Auburn, N. Y.
COLUMBUS FORGE & IRON CO., Columbus, O. *See adv index at end of book*
 Crescent Forgings Co., Oakmont, Pa.
 Crowley John A. Co., 120 Liberty, New York

Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
 Detroit Steel Products Co., Detroit, Mich.
 Driggs-Seabury Ordnance Co., Sharon, Pa.
 Duncan Co., Toledo, O.
 Fulton Drop Forge Co., Canal Fulton, O.
 General Drop Forge Co., Buffalo, N. Y.
 Hammond Steel & Forging Co., Solvay, N. Y.
 Heppenstall Forge Co., Bridgeport, Conn.
 Keystone Drop Forge Co., Chester, Pa.
 Kropp Forge Co., 2512 W 21st, Chicago, Ill.
 Ladish Drop Forge Co., Cuhady, Wis.
 Lakeside Forge Co., Erie, Pa.
 Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
 Midvale Steel Co., Nicetown, Phila., Pa.
 Moore Drop Forging Co., Springfield, Mass.
 Morgan Engineering Co., Alliance, O.
See adv index at end of book
OHIO FORGE CO., Cleveland, O.
See adv index at end of book
 Page Storms Drop Forge Co., Chicopee, Mass.
 Park Drop Forge Co., 760 E 79th, Cleveland, O.
 Richmond Forgings Corp., Richmond, Va.
 Seward M. & Son Co., New Haven, Conn.
 Sizer Forge Co., 238 Larkin, Buffalo, N. Y.
 Strieby & Foote Co., 301 Ogden, Newark, N. J.
 Tindel-Morris Co., Eddystone, Pa.
 Tioga Steel & Iron Co., Phila., Pa.
 Titusville Forge Co., Titusville, Pa.
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.
 Vulcan Steam Forging Co. (Chrome), 251 Rano, Buffalo, N. Y.
 Warren Axe & Tool Co., Warren, Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.
 Wyman-Gordon Co., Worcester, Mass.
 Yuba Construction Co., Marysville, Cal.

4956a—*Forgings (Pipe Flanged)

Tioga Steel & Iron Co., Phila., Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4957—*Forgings (Press)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
 Tioga Steel & Iron Co., Phila., Pa.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

4958—Forgings (Seamless Steel)

BLISS E. W. Co. (Bowls, Bottles & Special Shapes), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Carpenter Steel Co., Reading, Pa.

4958a—*Forgings (Spindles & Ar-bors)

JOHNSTON & JENNINGS CO., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

4959—Forgings (Switch Rope)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

4960—Forgings (Telegraph & Telephone Pole)

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 McKay Jas. Co., Pittsburgh, Pa.
 New Castle Steel & Iron Co., Pittsburgh, Pa.

4960a—*Forgings (Upsetting Machine)

Ohio Forge Co., Cleveland, O.
See adv index at end of book

4961—Forgings (Vanadium Steel)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 American Forge Works, 1421 13th, Denver, Colo.
 American Locomotive Co. (Locomotive, etc), 30 Church, New York
 Anderson Forge & Machine Co., Detroit, Mich.
 Bethlehem Steel Co. (General & Drop Forgings), S Bethlehem, Pa.
 Blakeslee Forging Co., Plantsville, Conn.

Carnegie Steel Co. (Locomotive & General), Carnegie bldg, Pittsburgh, Pa.
 Crescent Forgings Co. (Drop Forgings), Oakmont, Pa.
 Crowley John A. Co., 120 Liberty, New York
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.
 Damascus Crucible Steel Casting Co., New Brighton, Pa.
 Driggs-Seabury Ordnance Co. (Drop Forgings), Sharon, Pa.
 Erie Forge Co. (General Forgings), Erie, Pa.
 Frost Gear & Forge Co. (Auto Axles, Crankshafts), Jackson, Mich.
 General Drop Forge Co. (Drop Forgings), Buffalo, N. Y.
 Hammond Steel & Forging Co., Solvay, N. Y.
 Johnson & Jennings Co., Addison rd & N Y. C. R. R., Cleveland, O.
See adv index at end of book
 Ladish Drop Forge Co., Cuhady, Wis.
 Mesta Machine Co. (General Forgings), Pittsburgh, Pa.
See adv index at end of book
 Morgan Engineering Co., Alliance O.
See adv index at end of book
 Ohio Forge Co., Cleveland, O.
See adv index at end of book
 Park Drop Forge Co. (Heavy Die Cranks, Axles, etc), 760 E 79th, Cleveland, O.
 Richmond Forgings Corp., Richmond, Va.
 Standard Steel Works Co. (Locomotive, etc), Morris bldg, Phila., Pa.
 Strieby & Footee Co., 301 Ogden, Newark, N. J.
 Tlaga Steel & Iron Co., Phila., Pa.
 Titusville Forge Co. (General Hammered or Pressed), Titusville, Pa.
 Transue & Williams Steel Forging Corp. (Drop Forgings), Alliance, O.
 Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.
 Williams J. H. & Co. (Drop Forgings), 156 Hamilton av., Brooklyn, N. Y.
 Wyman-Gordon Co. (Drop Forgings), Worcester, Mass.

4962— Forks (Alfalfa)

Milwaukee Hay Tool Co., Milwaukee, Wis.
 Myers F. E. & Bro., 800 Orange, Ashland, O.
See adv index at end of book
 Ney Mfg. Co., Canton, O.
 Strickler Hay Tool Co., Janesville, Wis.

4963-4—Forks (Ballast, Coal, Coke, Stone, Etc.)

American Fork & Hoe Co., Cleveland, O.
 American Shovel & Stamping Co., Lorain, Ohio
 Beall Bros. (Inc.), Alton, Ill.
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Union Fork & Hoe Co., Columbus, O.
 Wallingford Mfg. Co., Wallingford, Vt.

4965-6— Forks (Corn)

Pfleghar Hardware Specialty Co. ("Perfection"), New Haven, Conn.

4967— Forks (Flesh)

Auer John Jr., 197 Middleton, Brooklyn, N. Y.
 Cassidy Fairbank Mfg. Co. (Wire), 6126 S La Salle, Chicago, Ill.
 Central Stamping Co. (Forged, Retinned), 172 Fulton, New York
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 National Enameling & Stamping Co., 411 5th av, New York

4968— Forks (Garden)

Potter Mfg. Co. (Small Malleable Iron), Geneva, O.

4969— Forks (Hand)

American Fork & Hoe Co. ("True Temper" Coal, Coke, Beet, Barley, Corn, Potato, Straw, Stone, Stable, Tanner, Manure, Hedder, Hay, Sluice, Spading, Vegetable, Scoop, etc.), Cleveland, Ohio

American Shovel & Stamping Co., Lorain, Ohio
 Hills Edwin (Spading), Plainville, Conn.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Pratt Fork & Hoe Corp. ("Farm King," "Vulcan"), Frankfort, N. Y.
 Union Fork & Hoe Co. (Grain, Hay, Manure, Coke, Coal, Stone, Sluice, Ensilage, Spading, Hedder, Barley, Beet, Potato Digging, Tanners, etc), Columbus, O.
 Wallingford Mfg. Co. (Hay, Hedder, Manure, etc), Wallingford, Vt.

4970— Forks (Hay, Derrick)

Jackson Byron Iron Works, Berkeley, Cal.
 Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.

MYERS F. E. & BRO. ("Jackson" & "California"), 800 Orange, Ashland, O.
See adv index at end of book

Ney Mfg. Co., Canton, O.
 Porter J. E. Co., Ottawa, Ill.
 Syracuse Chilled Plow Co., Syracuse, N. Y.

4971—Forks (Hay, Grapple & Harpoon)

Read Explanation Following Names

Appleton Hay Tool Co. ("Miller Eagle"), Appleton, Wis.

Farrell Jno. ("Farrell" Grapple), Newton, N. J.

Goshen Mfg. Co. (Harpoon), Goshen, Ind.
 Hunt, Helm, Ferris & Co. (Grapple & Harpoon), Harvard, Ill.

Louden Machinery Co. (Grapple & Harpoon), Fairfield, Iowa

Milwaukee Hay Tool Co. (Derrick, Double, "Harris," "Milwaukee," "Nellies," Grapple & Harpoon), Layton Park, Milwaukee, Wis.

MYERS F. E. & BRO. ("Myers" Double Harpoon & Grappling Harpoon, "Harris" Double Harpoon, "Nellis" Single Harpoon, "Myers" Grapple Fork, Automatic Grapple Forks & "Perfect" Automatic Grapple Forks), 800 Orange, Ashland, O.
See adv index at end of book

Ney Mfg. Co. ("Ney" Grapple & Harpoon), Canton, O.

Ney V. L. Co. (Harpoon), Canton, O.
 Porter J. E. Co. ("Porter's" "Acme," "Harris," "Nellis" Grapple & Harpoon), Ottawa, Ill.

Strickler Hay Tool Co. ("Strickler" Grapple & Harpoon), Janesville, Wis.

Swineford G. A. Co. ("Nellis," "Walker"), Canton, O.

Syracuse Chilled Plow Co. ("Syracuse" Grapple & Harpoon), Syracuse, N. Y.

U. S. Wind Engine & Pump Co. ("Noyes," "U. S." Grapple & Harpoon), Batavia, Ill.

Whitaker Mfg. Co. ("Jackson," "Nellis," "Whitaker" Grapple & Harpoon), 409 S Green, Chicago, Ill.

4972—Forks (Hay, Lock Lever)

Hunt, Helm, Ferris & Co., Harvard, Ill.
 MYERS, F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

4973— Forks (Kitchen)

Taplin Mfg. Co., New Britain, Conn.

4974— Forks (Meat)

White Ira F. & Son Co., Bloomfield, N. J.

4975— Forks (Rail)

Atha Tool Co. (Solid Cast Steel), Chapel, Newark, N. J.

Beal Bros. (Inc.), Alton, Ill.
 Evansville Tool Works, Evansville, Ind.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.

Iron City Tool Works, Ltd. (Steel), 3201 Smallman, Pittsburgh, Pa.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Union Drop Forge Co., 358 W Grand, Chicago, Ill.

Verona Tool Works (Steel), Verona, Pa.
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*

4976— Forks (Rising)

Columbus Handle & Tool Co. ("Never Break"), Columbus, Ind.
 Dicke Tool Co., Downers Grove, Ill.
 Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.
 Nagel W. G. Electric Co., Toledo, O.
 Oshkosh Mfg. Co., Oshkosh, Wis.

4977— Forks (Stable, Wood)

Torrey Bros. Co., Central Village, Conn.

4978— Forks (Tedder)

American Shovel & Stamping Co., Lorain, Ohio
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
 Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.
 Harrow Spring Co., Milwaukee, Wis.
 Works: Kalamazoo, Mich.
 Mason F. C. & Co., St. Johns, Mich.

Forks (Trolley)

See Harps, Trolley

4979— Forks (Vegetable)

Andrews Wire & Iron Works, Rockford, Ill.
 Browne & Dowd Mfg. Co., Meriden, Conn.
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Knickerbocker Mfg. Co. (Long Meat or Vegetable), Belleville, N. J.
 Meriden Cutlery Co., Meriden, Conn.

4980— Forks (Weeding)

Mason & Parker Mfg. Co., Winchendon, Mass.
 Wilkins Toy Co., Keene, N. H.

4981— Forks (Wire Kitchen)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. (Pie Cooking, etc), Worcester, Mass.
 Woods-Sherwood Co. (Oyster, Pickel, Toast, etc), Worcester, Mass.

4982— Forks (Wood)

Chapman-Sargent Co. (Kraut, etc), Perrysburg, O.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

4983— Formaldehyde

Cleveland Cliffs Iron Co., Cleveland, O.
 Heyden Chemical Works, Garfield, N. J.
 Perth Amboy Chemical Works, Perth Amboy, N. J.

4984—Forming Roll & Fitting Table (Combined)

Ryerson Jos. T. & Son (for Spring Shop Work), 2558 W 16th, Chicago, Ill.

4985— Formogene

Bischoff C. & Co. (Imp), 451 Washington, New York

4985a— *Forms (Balloon)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

4986—Forms (Barrel Setting-Up)

Oram John S. Co., Cleveland, O.

4987—Forms (Curb & Sidewalk)

Arrowsmith Concrete Tool Co., Arrowsmith, Ill.
 Berger Mfg. Co. (Pressed Steel), Canton, Ohio
 Heltzel Steel Form & Iron Co., Warren, O.
 Hotchkiss Metal Form Co. ("Hotchkiss," Steel), Binghamton, N. Y.
 Indiana Concrete Mold Co. ("Indiana"), Peru, Ind.
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Ubbink Joe ("Ubbink," Adjustable All Steel), Port Washington, Wis.
Zeiser Bros. ("Zeiser," Tie & Dividing Plates), Berwick, Pa.

4988—Forms (Sheet Metal, for Foundries)

Burdick & Son, Albany, N. Y.

4989—Forms (Shoe Display)

Gaines Joseph K., 467 C. N. W. Washington, D. C.

4989a—*Forms (Stocking)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

4990—Forms (Winding, Armature & Field Coil)

For Armature & Field Magnet Coils
Exeter Machine Works, Pittston, Pa.

4991—Fossil Flour

Chrystal Chas. B. (Imp.), 13 Cliff, New York. *See adv index at end of book*
Doggett Stanley, 11 Cliff, New York
Hammill & Gillespie (Imp.), 240 Front, New York
Oxford Tripoli Co. (Flour), 11 B'way, New York
Salomon L. A. & Bro. (Imp.), 216 Pearl, New York
Scheel Wm. H. (Imp), 159 Maiden la, New York
Whittaker W. H. Co. (Imp), 250 Front, New York

4992—*Foundations

RAYMOND CONCRETE PILE CO., 140 Cedar, New York

Founders (Brass)

See Machinists & Founders marked with a §

Founders (Iron)

See Machinists & Founders marked with a †

Founders (Malleable Iron)

See Castings, Malleable Iron

4993—Foundry Facings & Supplies

Albany Sand & Supply Co., Albany, N. Y.
American Lava Co. (Talc Facings), Chattanooga, Tenn.
See adv index at end of book
Asbury Graphite Mills (Facings), Asbury, N. Y.
Bloomsbury Graphite Co. (Facings), Bloomsbury, N. J.
Brand S. H. Co., 559 W Lake, Chicago, Ill.
Brass Foundry Supply Co., Hamburg pl, Newark, N. J.
Brooklyn Facing Mills, 105 Metropolitan av, Brooklyn, N. Y.
Buckeye Products Co., Cincinnati, Ohio
Central Foundry Supply Co., Reynolds av N of St. Claire, Columbus, O.
Chicago Fire Brick Co., Chamber of Commerce bldg, Chicago, Ill.
Cohutta Talc Co. (Cream Soapstone Facings), Dalton, Ga.
Combined Supply & Equipment Co., 766-772 Grant, Buffalo, N. Y.
Crivel Geo. F. & Co., Buffalo, N. Y.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Detroit Foundry & Mfg. Co., Detroit, Mich.
DIXON JOSEPH CRUCIBLE CO. (Facings, etc.), Jersey City, N. J.
See adv index at end of book
Doggett Stanley (Soapstone Foundry Facings), 11 Cliff, New York
Donald Henry R. Sales Co., Milwaukee, Wis.
Elliott G. Benj. (Facings), San Francisco, Cal.
Federal Fdry. Supply Co. ("Bright's" Steel Facings, etc.), 2639 E 79th, Cleveland, O.
Gautier J. H. Co. (Graphite), Greene, Jersey City, N. J.
Georgia Talc Co. (White & Yellow Facings), Asheville, N. C.
Hill-Brunner Foundry Supply Co., South & C H & D R R. Cincinnati, O.

Hill & Griffith Co., 1248 State, Cincinnati, Ohio
International Pulp Co. ("Talc Facings"), 41 Park row, New York
Jackson E. S. & Co. (Facings & Supplies), 224 E 2nd, Cincinnati, O.
Jones Enos F. Chemical Co. (Facings, etc.), 51 Jay, New York
Keery Thos. Co. (Charcoal Facings), Hancock, N. Y.
Kelly T. P. & Co., Inc. ("Kelco," "Ceylon," Plumbago, Black Lead, Prepared Charcoal, etc.), 355 W 26th, New York
Lookout Paint Mfg. Co., Chattanooga, Tenn.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
McKellar's R. Sons Co., Peekskill, N. Y.
Midvale Mining & Mfg. Co., Central Nat'l Bank bldg, St. Louis, Mo. Works: East St. Louis, Ill.
National Supply & Equipment Co., Bulletin bldg, Phila., Pa.
N. Y. Sand & Facing Co. (Facings, Sand, etc.), 106 Grand av, Brooklyn, N. Y.
Obermayer S. Co. (Facings, etc.), 2563 W 18th, Chicago, Ill.
Osborn Mfg. Co. (Brushes & Supplies), 5405 E Hamilton, Cleveland, O.
Pacific Tool & Supply Co. (Supplies), Fremont & Mission, San Francisco, Cal.
Paxson J. W. Co. (Facings & Supplies), 1021 N Delaware av, Phila., Pa.
Pettinos Bros., 25 Church, New York
Pure Carbon Co. ("Gaplo" Facings), Wellsville, N. Y.
Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.
Smith Facing & Supply Co., Columbia bldg, Cleveland, O.
Springfield Facing Co. (Facings & General Supplies), Springfield, Mass.
Squier Ed. E. Co. (Sand), Federal Reserve Bank bldg, St. Louis, Mo.
Stevens Frederic B. (Facings, Brick, Sand, etc.), 3d & Larned, Detroit, Mich.
Steward D. M. Mfg. Co. (Facings Only), Chattanooga, Tenn.
U. S. Chaplet & Supply Co., 140 Cedar, New York
United States Graphite Co. (Facings), Saginaw, Mich.
Wainwright Jno. C. (Facings Only), Spring City, Pa.
Whitehead Bros. Co. (Facings, etc), 537 W 27th, New York
Woodison E. J. Co., Detroit, Mich.

4994—Foundry Plant Equipments

American Blower Co. (Heating & Ventilating), 1400 Russell, Detroit, Mich.
Buckeye Products Co., Cincinnati, O.
Central Foundry Supply Co. ("Byram"), P. O. Box 945, Columbus, O.
Clarage Fan Co., North & Porter, Kalamazoo, Mich.
DOPP J. W. & CO. (Dealers), 1420 Dime Bk. bldg, Detroit, Mich.
Hill & Griffith Co., 1248 State, Cincinnati, O.
Lincoln Iron Works, Rutland, Vt.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
New Foundry Appliance Co., Hamilton, O.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Obermayer S. Co., 2563 W 18th, Chicago, Ill.
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
Paxson J. W. Co., 1021 Delaware av, Phila., Pa.
Scully Jones & Co., Railway Ex. bldg, Chicago, Ill.
SNEAD & CO. IRON WORKS, INC., 98 Pine, Jersey City, N. J.
See adv index at end of book
Stevens Frederick B., 3d & Larned, Detroit, Mich.
U. S. Molding Machine Co., 968 E 69th, Cleveland, O.
Whiting Foundry Equipment Co., Harvey, Ill.
WONHAM, BATES & GOODE, INC., 17 Battery pl, New York
Woodison E. J. Co., Detroit, Mich.

4994a—*Foundry Sand Handling Plants

BARTLETT C. O. & SNOW CO., French St., Cleveland, O.
See adv index at end of book

4995—Fountain Pen Mfrs.

Adams, Cushing & Foster ("Moore's"), 168 Devonshire, Boston, Mass.
Alkin-Lambert Co. ("Mercantile," "Capitol" Gold), 10 Cortlandt, New York
Autofiller Pen Co., Toledo, O.
Bankers Pen Co., 1 Madison av, New York
Barnett Ira, 61 Beekman, New York
Beaumont D. W. & Co., 17 Vandewater, New York
Betzler & Wilson Fountain Pen Co., Akron, O.
Boston Fountain Pen Co., 319 Washington, Boston, Mass.
Caw's Pen & Ink Co. (Fountain, Gold, Stylographic, Mfrs of Caw's "Safety" Fountain Pen), 76 Duane, New York
Century Pen Co., Whitewater, Wis.
Conklin Pen Mfg. Co. ("Conklin's," Self-Filling), Toledo, O.
Cross A. T. (Also Stylographic), 53 Warren, Providence, R. I.
Davidson Rubber Co. ("Sterling" & "Hub"), Boston, Mass.
Diamond Point Pen Co. (Fountain, Gold Stylographic Gold Plated), 44 E 23d, New York
Eagle Pencil Co. (Fountain, Gold, Steel Stylographic), 703 E 13th, New York
Faber Eberhard (Gold, Fountain), 200 Fifth av, New York
Franklin Fountain Pen Co., 51 N 10th, Phila., Pa.
Gem Fountain Pen Corp. ("Gem"), 59 Park pl, New York
Grieshaber B. & Co. (Gold), 118 N State, Chicago, Ill.
Heath Geo. W. & Co., 208 1st, Newark, N. J.
Hillinger R. J. & Co., 10 S Wabash av, Chicago, Ill.
Holland Jno. Gold Pen Co. (Gold), 129 E 4th, Cincinnati, O.
Horn M. T. Co., 114 Park pl, New York
Laughlin Mfg. Co., Detroit, Mich.
Mable, Todd & Co. ("Swan" Gold), 17 Maiden la, New York
Modern Pen Co., 170 B'way, New York
Onoto Pen & Red Dwarf Repairing Co. ("Onoto" Self-Filling Non-Leakable), 68 Broadway, New York
Parker Pen Co., Janesville, Wis.
St. George Fountain Pen Co., 90 Nassau, New York
Salz Bros., 71 W 35th, New York
Sanford & Bennett Co. ("Commercial"), 51 Maiden la, New York
Sheaffer Pen Co., Ft. Madison, Ia.
Standard & Vulcanite Pen Co. ("Gem" Self-Filling), 752 Lexington av, Brooklyn, N. Y.
Ullrich J. & Co. (Fountain, Stylographic), 27 Thames, New York
Waterman A. A. & Co., 170 B'way, New York
Waterman L. E. Co. ("Ideal"), 191 B'way, New York
Welty Wm. A. ("Welty" Self-Filling & No Leak), Waterloo, Ia.
Willard Pen Co., Bayonne, N. J.
Williamson Pen Co., Janesville, Wis.
Wirt Paul E., Bloomsburg, Pa.

4996—Fountains (Drinking, Sanitary)

See also Fountains, Vases, etc.

Aird-Don (Porcelain), Troy, N. Y.
Allen Filter Co., Toledo, O.
Anti-Germ Fountain Co. ("Anti-Germ" Bubbling, Operated by Hand & Foot Power), 50 High, Boston, Mass.
Ashton J. H. & Co. ("Providence," Bubbling), 271 Franklin, Providence, R. I.
Ashton Valve Co. ("Ashton," Attached to Sink or Bowl), 161 First, Cambridge, Boston, Mass.
Barrett James Mfg. Co. ("Purity," Self-Closing Bubbling), 117 Pearl, Boston, Mass.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Cahill Iron Works ("Southern Beauty"), Chattanooga, Tenn.
Camden Pottery Co. (Vitreous China), Camden, N. J.
Casey-Hedges Co., Chattanooga, Tenn.
Chamberlain J. H. D. Co. ("Sanitas," Bubbling), Springfield, Mass.
Chicago Faucet Co. ("Chi-Fau-Co"), 2712 N Crawford av, Chicago, Ill.
Clow Jas. B. & Sons ("Odamentose" & "Hygela," Self-Closing Bubbling), 544 S Franklin, Chicago, Ill.

Crane Co. (Est. 1855) (Porcelain, Porcelain Enameled, Vitreous China, etc.), 836 S Michigan, Chicago, Ill.
For branch offices see adv index at end of book
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.
 Douglas John Co. (Vitreous China), Carthage, Cincinnati, O.
 Du Bois F. N. & Co. (Porcelain), 247 9th av, New York
 Ebinger D. A. Sanitary Mfg. Co. (Bubbling), 181 Lucas, Columbus, O.
 Federal-Huber Co. (Porcelain), 234 N Halsted, Chicago, Ill.
 Fords Porcelain Wks., Perth Amboy, N. J.
 Haines, Jones & Cadbury Co. ("Hajoca" Porcelain Enameled), 1136 Ridge av, Phila., Pa.
 Hayes Pump & Planter Co. ("Hayes" Rubber Attachment for Hand Pumps), Galva, Ill.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Jenks H. F. Co., Pawtucket, R. I.
 Knott L. E. Apparatus Co. ("Keiths" Boston Bubbler, Automatic Bubbling), 79 Amherst, Cambridge, Mass.
 Kohler Co. ("Minnehaha" Porcelain Enameled Iron, Automatic or Continuous Flow), Sheboygan, Wis.
 McDonald A. Y. Mfg. Co. (Porcelain Vitreous China, etc.), Dubuque, Ia.
 Maddock's Thos. Sons Co. ("Maddock's" Vitreous China Bubbling), Trenton, N. J.
 Manufacturing Equipment & Engineering Co. ("Meeco" Bubbling), 136 Federal, Boston, Mass.
 March-Tenny Co. ("Natural Spring" Bubbling Attached to Sinks, etc.), Muskegon H'gts, Mich.
 Meyer-Sniffen Co. (Porcelain), 11 W 36th, New York
 Monument Pottery Co. (Porcelain), Trenton, N. J.
 Mott J. L. Iron Works ("Crystal Stream" & "Purita" Self-Closing Bubbling; Porcelain, Porcelain Enameled, Vitreous China, etc.), Trenton, N. J.
 Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.
 Myers & Mahoney Plumbing Co. ("Mahoney" Self-Closing Bubbling, Attached to Sink, etc.), Portland, Me.
 Nelson N. O. Mfg. Co. ("Nelson" Self-Closing Bubbling, Solid Porcelain, etc.), 10th & Chestnut, St. Louis, Mo.
 Peck Bros. & Co. ("P. B" Bubbling), New Haven, Conn.
 Prier Brass Mfg Co. ("Brady"), Kansas City, Mo.
 Puro Sanitary Drinking Fountain Co. (Bubbling), Haydenville, Mass.
 Resolute Pottery Co. (Porcelain), Trenton, N. J.
 Rundle-Spence Mfg. Co. ("Rundle-Spence" Solid Porcelain, Self-Closing Bubbling, etc.), 63 2nd, Milwaukee, Wis.
 Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
 Sanitary Earthenware Specialty Co. (Vitreous China), Trenton, N. J.
 Sanitary Fountain & Specialty Co. (Bubbling), 176 Federal, Boston, Mass.
 Sanitas Mfg. Co. ("Sanitas" Bubbling, Attached to Sink, etc; also Porcelain, Porcelain Enameled, etc), 54 Union, Boston, Mass.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Smith System Heating Co. (Bubble Type), 821 Washington av, S E, Minneapolis, Minn.
 Standard Sanitary Mfg. Co. (Porcelain Enameled), Bessemer bldg, Pittsburgh, Pa.
 Trenton Potteries Co. ("Waldo, Jr." Porcelain & Vitreous China Pedestal, Siphons Automatically), Trenton, N. J.
 Walker Mfg. & Supply Co. (Porcelain), Shelby & Woodbridge, Detroit, Mich.
 Wheaton A. W. Brass Works (Sanitary Self-Closing Bubbling), 21 R R pl, Newark, N. J.
 Wolff L. Mfg. Co. (Porcelain, Porcelain Enameled, etc), 601 W Lake, Chicago, Ill.

4997—Fountains (Poultry)

Baier Bros. Mfg. Co., Cissna Park, Ill.
 Delphos Mfg. Co. (Galvanized), 1st & Pierce, Delphos, O.
 Franklin Galvanized Ware Mfg. Co. ("Handy" "Crum's"), Franklin, Ind.

Indianapolis Corrugating Co., Indianapolis, Ind.
 Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.
 National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York
 Northwestern Stamping Co., Burlington, Ia.
 Oakes Mfg. Co. ("Economy," "O. K."), Tipton, Ind.
 Pennsylvania Stamping Co., York, Pa.
 Reynolds H. B. Mfg. Co., Fredericktown, Ohio
 Richmond Water Softener Co., Richmond, Ind.
 Weber & Kirch Mfg. Co., Keokuk, Ia.

4998—Fountains (Soda Water)

American Mfg. Co., Memphis, Tenn.
 American Soda Fountain Co. (Iceless), 282 Congress, Boston, Mass.
 Best Mfg. Co., Peoria, Ill.
 Bishop-Babcock-Becker Co. ("Red Cross," Iceless), Cleveland, O.
 Chicago Fountain Soda Water Co., 1140 W Harrison, Chicago, Ill.
 Chicago Soda Fountain Co., 153 N Jefferson, Chicago, Ill.
 Combination Fountain Co., Decatur, Ill.
 Decatur Fountain Co., Decatur, Ill.
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
 Fountain Specialty Co. ("Guarantee" Iceless), Grand Haven, Mich.
 Green Robt. M. & Sons, 1413 Vine, Phila., Pa.
 Knight Soda Fountain Co. ("Knight All-White Sta-Kleen"), 351 W Chicago, Chicago, Ill.
 Lippincott A. H. & F. H., 24th & Locust, Phila., Pa.
 Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.
 Loeber H. G. Co. (Iceless), 151 E 126th, New York
 McCahill Soda Fountain Co., 256 W 23d, New York
 Petigor M. H., 434 Water, New York
 Progressive Mercantile & Mfg. Co., Pana, Ill.
 Puffer Mfg. Co., 51 Portland, Boston, Mass.
 Russ Co., 5700 Walworth av, Cleveland, O.
 Storandt J. W. Mfg. Co., Rochester, N. Y.
 Walrus Mfg. Co., Decatur, Ill.
 Wise Soda Apparatus Co. ("Wise Brine Iceless"), Bellevue, O.

4999—Fountains (Stock)

American Foundry & Mfg. Co. (Horse), 11th & Herbert, St. Louis, Mo.
 Bushnell Tank Works, Bushnell, Ill.
 Butler Mfg. Co., Kansas City, Mo.
 Clarke J. Q. Tank Co., Crawfordsville, Ind.
 Frantz Mfg. Co., Sterling, Ill.
 Gedge Bros. Iron Roofing Co. (Valveless Automatic), Anderson, Ind.
 Gehl Bros. Mfg. Co., West Bend, Wis.
 Glor Bros. & Willis Mfg. Co. ("New Modern"), Attica, N. Y.
 Hayton Pump Co. (Cast Iron), Quincy, Ill.
 Helm S. D. Mfg. Co. ("Helm" for Hogs), Crawfordsville, Ind.
 Jenks H. F. Co. (Horse), Pawtucket, R. I.
 Kretschmer Mfg. Co. (Sanitary), Council Bluffs, Ia.
 Loetscher-Ryan Mfg. Co. ("Star" Cast for Hogs), Dubuque, Ia.
 McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.
 Maytag Co. ("Booth," "Hawkeye"), Newton, Ia.
 National Mfg. Co. ("Ideal"), Des Moines, Ia.
 National Tubular Axle Co. ("National"), Emigsville, Pa.
 Novelty Iron Works ("Handy," Automatic), Sterling, Ill.
 Quinn Wire & Iron Works ("Daisy"), Boone, Ia.
 Sterling Foundry Co. ("Best"), Sterling, Ill.
 Walker Mfg. Co. ("Novelty"), Council Bluffs, Ia.
 Weldex Co. (Hog), Richmond, Ind.
 Western Mfg. Co. ("Iowa," Automatic), Oskaloosa, Ia.

5000—Fountains, Vases, Etc.

See also Fountains, Drinking, Sanitary
 Badger Wire & Iron Works, 687 Muskego av, Milwaukee, Wis.
 Barbee Wire & Iron Works, Lafayette, Ind.

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
 Camden Iron Works, Salem, Va.
 Carr Jas. W. (Iron Benches & Vases), Richmond, Va.
 Casey-Hedges Co., Chattanooga, Tenn.
 Champion Iron Co., Kenton, O.
 Cheney S. & Son (Vases Only), Manlius, N. Y.
 Cincinnati Iron Fence Co. (Flower Vases), Cincinnati, O.
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
 Concord Foundry & Machine Co., Concord, N. H.
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
 Duisdieker Foundry & Mfg. Co. (Cast Iron), Pekin, Ill.
 Eagle Iron Works, 850 De Kalb av, Brooklyn, N. Y.
 Enterprise Iron Works, Indianapolis, Ind.
 Fiske J. W. Iron Works, 80 Park pl, New York
 Galloway Terra Cotta Co., 3202 Walnut, Phila., Pa.
 Ginther's J. Sons Co., Buffalo, N. Y.
 Hall Concrete Products Co., Grassland, Pa.
 Hennecke C. Co. (Concrete Vases), 1353 N Pierce, Milwaukee, Wis.
 Hitzeroth Edward, 3124 Market, Phila., Pa.
 Illinois Iron & Bolt Co. (Vases, Hitching Posts, etc), Carpentersville, Ill.
 Illinois Malleable Iron Co. (Drinking Fountains), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
 Jones M. D. Co., 73 Portland, Boston, Mass.
 Kramer Bros. Foundry Co., Dayton, O.
 McDonald Foundry (Vases, Settees, etc), Columbus, O.
 Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Morris Iron & Steel Co., Frederick, Md.
 Mott J. L. Iron Works, Trenton, N. J.
 North Shore Ferneries Co., Beverly, Mass.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Southard-Robertson Co. (Cast Iron Lawn Vases), Peekskill, N. Y.
 Sterling Grinding Wheel Co. (Cast Iron Indestructible), Tiffin, O.
 Stewart Iron Works Co. (Lawn & Drinking Fountains), Covington, Ky.
 Superior Iron Works Co. (Horse Drinking Fountains), Superior, Wis.
 Swett A. L. Iron Works, Medina, N. Y.
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
 Toy W. M. & Co., 10 E Shelby, Sidney, O.
 Van Dorn Iron Works Co. (Iron Vases), 2700 E 79th, Cleveland, O.
 Vulcan Co., 11 Raynor, Detroit, Mich.
 Walbridge & Co., Buffalo, N. Y.

Founts (Chicken)

See Fountains, Poultry

**When writing to firms listed in this book please mention
 HENDRICKS'
 COMMERCIAL REGISTER**

5001—Founts (Lamp)

See also Lamps, Household, Brass
AMERICAN BRASS CO., Waterbury, Conn.
For branch offices see adv index at end of book
 Bradley & Hubbard Mfg. Co. (Metal), Meriden, Conn.
 Bridgeport Brass Co. (Metal, Decorated), Bridgeport, Conn.
 Consolidated Lamp & Glass Co. (Glass), Corapolis, Pa.
 Gillinder & Sons (Glass, Decorated), State & Devereaux, Phila., Pa.
 Hammer & Co. (Malleable Iron), Branford, Conn.
 Miller Edw. & Co. (Decorated), Meriden, Conn.
 Phoenix Glass Co. (Glass), 2d National Bank bldg, Pittsburgh, Pa.
 Sneath Glass Co. (Glass), Hartford City, Ind.

5002—Frames (Automobile, Pressed Steel)

Detroit Pressed Steel Co. ("Presteel"), Detroit, Mich.
 Driggs-Seabury Ordnance Co. (& Frame Parts), Sharon, Pa.
 Hale & Kilburn Co., 18th & Glenwood av, Phila., Pa.
 Hydraulic Pressed Steel Co., Cleveland, O.
 Parish Mfg. Co., Reading, Pa.
 Parish & Bingham Co. (Cold Pressed), Cleveland, O.
 Smith A. O. Co., Milwaukee, Wis.
 Star Foundry & Machine Works, Anderson, Ind.

5002a—*Frames (Beehive & Honey)

Estes E. B. & Sons, 358 5th av, New York, See adv index at end of book

5003—Frames (Camp Chair & Stool)

Oshkosh Mfg. Co., Oshkosh, Wis.

5004—Frames (Card Drawer)

Grammes L. F. & Sons, Allentown, Pa.
 Penn. Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Yale & Towne Mfg. Co., 9 E 40th, New York

5005—Frames (Crusher)

Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

5006—Frames (Galvanizing & Tinning)

Turner, Vaughn & Taylor Co. (Wire), Cuyahoga Falls, O.

Frames (Hack Saw)

See Saw Blades & Frames, Hack

5007-8—Frames (Head)

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

5009—Frames (Locomotive)

American Steel Foundries, McCormick bldg, Chicago, Ill.
 Duquesne Steel Foundry Co., Arrott bldg, Pittsburgh, Pa.
 Ohio Steel Foundry Co., Lima, O.
 Penn Seaboard Steel Corp., Chester, Pa.
 Pratt & Letchworth Co., Buffalo, N. Y.
 Union Steel Casting Co., Pittsburgh, Pa.

5009a—*Frames (Menu Card)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5010—*Frames (Metal Picture)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

5011—*Frames (Mirror, Brass)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

5011a—*Frames (Numeral)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5012—Frames (Open Hearth Furnace Door)

Knox Pressed & Welded Steel Co. ("Knox"), Pittsburgh, Pa.
 Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.

5013—Frames (Sink)

Korff Mfg. Co. ("Korff" Adjustable), Lansing, Mich.

5014—Frames (Soapmakers')

Hersey Mfg. Co., First, South Boston, Mass.
 Honchin-Aiken Co., 113 53d, Brooklyn, N. Y.
 Littleford Bros. (Steel), 444 E Pearl, Cincinnati, O.
 Nunning Frank & Son, 215 W 2d, Cincinnati, O.
 Sowers Mfg. Co., Buffalo, N. Y.

5015—Frames (Traveling Bag & Suit Case)

American Steel Frame & Band Iron Co. (Suit Case), 300 Water, New York
 Milwaukee Stamping Co., West Allis, Wis.
 Neumann R. Hardware Co., 9 St. Francis, Newark, N. J.

5016—Frames (Wood Saw)

Cardwell Machine Co. (Tilting Table), Richmond, Va.
 Fairbanks, Morse & Co. (With Arbors), 900 S Wabash av, Chicago, Ill.
 Freeman Mfg. Co. (Wood or Pole), Dept. O, Racine, Wis.

5017—*Frames & Cylinders (Soldering Tin Can)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

5018—Freezers (Brine, Ice Cream)

Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
 Dairy Machinery & Construction Co. ("Progress"), Derby, Conn.
 Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
 Thompson Emery Machine & Supply Co., 235 E 41st, New York
 Tyson Co., Canton, O.

5019—Freezers (Ice Cream, Etc.)

Acme Freezer Co. ("Acme"), 1543 N Hutchinson, Phila., Pa.
 Alaska Freezer Co. ("Alaska," "North Pole," "North Star"), Winchendon, Mass.
 Allen J. W. & Co. ("Monarch," Combination), 116 N Peoria, Chicago, Ill.
 Angle Mfg. Co. ("Angle" Tin Pail), 244 W 23rd, New York
 Auto Vacuum Freezer Co., 25 W B'way, New York
 Cardington Cabinet Co. ("Diamond," Triple Motion, "Crystal" Double Motion), Cardington, O.
 Cincinnati Can Co., 426 Culvert, Cincinnati, O.
 Clad V. & Sons (Electric), 16th & Callowhill, Phila., Pa.
 Confectioners' & Bakers' Supply Co., 11 E Illinois, Chicago, Ill.
 Consolidated Mfg. Co. (Glass), Hartford, Conn.
 Creamery Package Mfg. Co. (Disc, Continuous), 61 W Kinzie, Chicago, Ill.
 Dairy Machinery & Construction Co. ("Progress," Brine), Derby, Conn.
 Dazey Churn Mfg. Co. ("Dazey," Glass Jars), 4301 Warne, St. Louis, Mo.
 Dewsberry R. A., 1010 W Lake, Chicago, Ill.
 Emery Thompson Mach. & Supply Co., 235 E 41st, New York
 Garden City Plating & Mfg. Co. ("Ideal"), 1430 S Talman av, Chicago, Ill.
 Hilbert Machine Co. (Power), 2116 Cole-rain av, Cincinnati, O.
 Horizontal Freezer Co. ("New Chicago"), 18 W Kinzie, Chicago, Ill.
 Houchin Thos. W. Co. ("Glacier"), 38 E 21st, New York
 Lange Henry G., 162 N May, Chicago, Ill.
 Maag August Co., 509 W Lombard, Baltimore, Md.
 Miller Pasteurizing Machine Co. ("Miller"), Canton, O.
 Mills Thomas & Bro. ("Monitor"), 8th & Thompson, Phila., Pa.
 New England Enameling Co. ("Ideal" Automatic), Middletown, Conn.
 North Bros. Mfg. Co. ("Shepard's Lighting," "Gem," "Blizzard," "Crown," "Seaman," Power), Lehigh av & American, Phila., Pa.
 Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

Peerless Freezer Co., Winchendon, Mass.
 Richmond Cedar Works ("Snow-Ball," "Steel Frame," "Frost King," "Double Quick"), Richmond, Va.
 Sexton Wm. A. & Co. ("Easy"), Grand Central Terminal, New York
 Tate Wm. J. (Est. of), 3520 Mercer, Phila., Pa.
 Thomas-Peter Co. ("Little Dandy," One and Two Quarts), Canton, O.
 Thompson Emery Machine & Supply Co. ("Emery Thompson" Brine Freezer), 235 E 41st, New York
 Treman, King & Co. ("Dr. Merdinger's Auto"), Ithaca, N. Y.
 Tyson Co., Canton, O.
 Watkins Jas. Y. & Son (Inc.), 20 Catherine, New York
 White Mountain Freezer Co. ("White Mountain," "Arctic," "Nashua"), Nashua, N. H.
 Whitney F. E. Co., 65 Sudbury, Boston, Mass.

5020—Friction Surfaces (Cork Insert)

Cork Insert Co. (For Brakes, Clutches & Pulleys), 164 Federal, Boston, Mass.

5021—*Frictions (Leather)

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.
See adv index at end of book

5022—Frictions (Paper)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R Ry, Phila., Pa.
See adv index at end of book
 Mobile Pulley & Machine Co., Mobile, Ala.
 Rockwood Mfg. Co. (also Fibre), Indianapolis, Ind.
 Webster Mfg. Co., Tiffin, O.

5023—Fringes (Silk, Upholstery, Etc.)

Baum C. F. Co., 232 S Franklin, Chicago, Ill.
 Berkshire & Becket Silk Co., Becket, Mass.
 Colombat Henry & Co., 239 Geary, San Francisco, Cal.
 Crane Bros., Kingston, Pa.
 Eastlake Mfg. Co., Adams av & Leiper Phila., Pa.
 Empire Fringe Co., 909 Faile, New York
 Fiedler A. B. & Sons, 367 W Adams, Chicago, Ill.
 Grau & Lehmann, 537 W B'way, New York
 Hensel Silk Mfg. Co., 1015 Diamond, Phila., Pa.
 Hirsch G. Sons (Bead Fringes, Spangles, etc.), 890 B'way, New York
 Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.
 Maguire Wm. G., Camden, N. J.
 Manashaw Chas. C., 131 W 31st, New York
 Mann V., 484 6th av, New York
 Mansure E. L. Co., 185 N Michigan av, Chicago, Ill.
 Mansure E. L. Co., 1415 North, Phila., Pa.
 Oehrl Bros. Co., 427 N 3rd, Phila., Pa.
 Olyphant Silk Co., Olyphant, Pa.
 Peters Trimming Co., 923 Fulton, Chicago, Ill.
 Phoenix Trimming Co., 2008 N Racine av, Chicago, Ill.
 Prosnitz Chas., 124 W 24th, New York
 Schlegel Mfg. Co., Rochester, N. Y.
 Schwensen Wm. (Est. of), 46 Walker, New York
 Seidman Bros., 121 N 7th, Phila., Pa.
 Seidmann Chas. & Co., 1801 N Howard, Phila., Pa.
 Shirley & Co., 250 W 54th, New York
 Siegman & Weil (Bead Fringes, Spangles, etc.), 20 E 27th, New York
 Unger Wm. & Bro., 496 B'way, New York
 United States Trimming Co., 39 N 10th, Phila., Pa.
 Vogt Mfg. & Coach Lace Co., Rochester, N. Y.
 Walliser August, 531 Hermitage, Phila., Pa.
 Webendorfer H., 338 E 103d, New York
 Weinberg C. & Co., 27 W 23rd, New York
 Wright S. D. & Co., 1017 N Front, Phila., Pa.

5024— Froes (Coopers')

Evansville Tool Works, Evansville, Ind.
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
Warren Tool & Forge Co., Warren, O.

5025— Frogs (Cast Iron)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
Easton Car & Construction Co., 4th st, Easton, Pa.
Indianapolis Switch & Forge Co., Springfield, O.
Irwin Foundry & Mine Car Co. (& Turnouts for Mine Tracks), Irwin, Pa.
Weir Frog Co. (& Steel), Cincinnati, O.

5026—Frogs (Overhead Trolley)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
Sackett Mine Supply Co., Columbus, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

Frogs (Replacing)

See Replacers, Car

5027— Frogs (Spring Rail)**THE CINCINNATI FROG & SWITCH CO.**

(Standard & Narrow Gauge Tracks), Cincinnati, O.

Cleveland Frog & Crossing Co. ("The Lucas"), Cleveland, O.
Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.
Indianapolis Switch & Frog Co., Springfield, O.
Morden Frog & Crossing Works ("Vaughn", etc), 208 S La Salle, Chicago, Ill.
Ramapo Iron Works ("Ramapo" Manganese Steel, Double, etc), Hillburn, N. Y.
Weir Frog Co., Cincinnati, O.
WHARTON Wm J. & CO., Inc., Easton, Pa.

5028—Frogs, Switches & Crossings

Ajax Forge Co., 2499 Blue Island, Chicago, Ill.
Alexander Crossing Co. (Continuous-Rail, Non-Pounding Crossings), Clinton, Ill.
American Frog & Switch Co., Hamilton, O.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Atlas Car & Mfg. Co., Cleveland, O.
See adv index at end of book
Barbour, Stockwell Co. (Street Ry), Cambridge, Mass.
Barnum, Richardson Co., Lime Rock, Conn.
Bethlehem Steel Co. ("Manard"), So. Bethlehem, Pa.
Buda Co., Railway Exch bldg, Chicago, Ill.

THE CINCINNATI FROG & SWITCH CO.

(For Standard & Narrow Gauge Tracks), Cincinnati, O.

Cleveland Frog & Crossing Co. (Manganese Steel), Cleveland, O.
Conley Frog & Switch Co., Memphis, Tenn.
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.
Elliott Frog & Switch Co. (Spring Frogs, Spring Switches & Switch Stands, etc), 301 S Main, E St. Louis, Ill.

Frog, Switch & Mfg. Co., Carlisle, Pa.
HUNT C. W. CO., West New Brighton, New York
See adv index at end of book
Indianapolis Switch & Frog Co. ("R-N-R", Manganese Steel Frogs, Crossings, etc), Springfield, O.
Jordan O. F. Co. (Manganese Crossings), 333 S Michigan av, Chicago, Ill.
Kilby Frog & Switch Co., Birmingham, Ala.
Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.
Lorain Steel Co., Johnstown, Pa.
Magor Car Co., 30 Church, New York
Morden Frog & Crossing Works ("Union"), 208 S La Salle, Chicago, Ill.
New York Switch & Crossing Co., Hoboken, N. J.
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
P. & M. Co., 80 E Jackson blvd, Chicago, Ill.
Pettibone, Mulliken & Co. ("Strom" Clamp Frogs & "Spring Rail" Frogs, etc), 140 S Dearborn, Chicago, Ill.
Railroad Supply Co., 203 S Dearborn, Chicago, Ill.
Ramapo Iron Works ("MacPherson" Crossings, Split Switches, Spring & Rigid Frogs, etc), Hillburn, N. Y., & Niagara Falls, N. Y.
St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.
St. Louis Steel Foundry (Manganese Steel), Hamburg & Klenlen av, St. Louis, Mo.
Seattle Frog & Switch Co., Seattle, Wash.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
Weir Frog Co., Cincinnati, O.
WHARTON WM. JR. & CO., INC. ("Tisco" Manganese Steel & Plain Bolted Solid "Tisco" & "Tisco" Manganese Steel Center Tongue Switches of "H. C. B." & "H. T" designs), Easton, Pa.

Frogs (Wrecking)

See Replacers, Car

Fronts (Furnace)

See Boiler Fronts & Castings

5029— Fronts (Stone Boat)

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Cheney S. & Son, Manlius, N. Y.
Dutton E. Q. & Co., Cato, N. Y.
Eddy W. Plow Co., Greenwich, N. Y.
Everts Mfg. Co., Meridian, N. Y.
Hessen Bros. Co. (Cast Iron), Tecumseh, Mich.
Hussey Plow Co., No Berwick, Me.
Lyon Iron Works, Greene, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
Sargent, Osgood & Roundy Co., Randolph, Vt.
Zieg F. B. Mfg. Co., Fredericktown, O.

5030— Frumentum

United States Frumentum Co., 39 S Chene, Detroit, Mich.

5031— Fuel Economizers

Blaisdell-Canady Co. ("Canady"), 90 West, New York
Combusto Devices Corp. ("Combusto"), 250 W 54th, New York
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
Green Fuel Economizer Co., Matteawan, N. Y.
Hardware Specialty Mfg. Co. (For Hot Air, Hot Water or Steam Furnaces), 4414 Ravenswood av, Chicago, Ill.
Improved Equipment Co., 60 Wall, New York
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book
Vasil Steam Systems, Hudson, Mass.

5032—*Fuel Oil Pumping Systems

Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

5033—Fuel Oil & Gas Burning Appliances

See also Burners, Fuel Oil

American Shop Equipment Co. ("Aseco", Fuel Oil & Gas), McCormick bldg, Chicago, Ill.
Flinn & Dreffein Co., 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Johnson S. T. Co. ("Johnson's" Liquid Fuel, Oil Low Pressure Air System), 1334 Mission, San Francisco, Cal.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Metals Production Equipment Co., Springfield, Mass.
Mirc's Fuel-Oil Equipment Co. (Oil Only), Lancaster, Pa.
National Supply Co. ("Billow" System), 416 W Grand av, Chicago, Ill.
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Tate-Jones & Co. (& Gas), Empire bldg, Pittsburgh, Pa.
See adv index at end of book
Union Iron Works Co. ("Dahl" Systems), 20th & Michigan, San Francisco, Cal.

Fuller Board

See Press Board

5034— Fullers Earth

CHRYSTAL CHAS. B. (English Imp), 13 Cliff, New York
See adv index at end of book
Davidson Commission Co., 140 W Van Buren, Chicago, Ill.
Doggett Stanley, 11 Cliff, New York
Floridin Co. ("Floridin"), Warren, Pa.
Fuerst Bros. & Co. (Imported), 2 Stone, New York
General Reduction Co., Atlanta, Ga.
Hamill & Gillespie (Imported), 240 Front, New York
Hillier's R. Son Co. (Powdered), 100 William, New York
Lester Clay Co., Jacksonville, Fla.
National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.
New England Quartz Co. of N. Y., 107 William, New York
Olson John, Benton, Ark.
Salomon L. A. & Bro. (Imported), 216 Pearl, New York

5035—Fullers (Top & Bottom)

Atha Tool Co., Chapel, Newark, N. J.
Champion Tool Co., Meadville, Pa.
Evansville Tool Works, Evansville, Ind.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

5036— Fumigators

Central City Chemical Co. ("Forma-Germ-kill"), 1519 N Wood, Chicago, Ill.
Devine J. P. Co., Buffalo, N. Y.
Wotherspoon Jas. R. ("Eureka", "Perfection"), 238 N Front, Phila., Pa.

5037—Funnels (Family, Grocers, Etc.)

Cassady Fairbanks Mfg. Co. (Fruit, etc, Aluminum), 6126 La Salle, Chicago, Ill.
Central Stamping Co. ("Puritan", "Sterling"), 172 Fulton, New York
Fargo E. A. Co. (Aluminum), Taunton, Mass.
National Enameling & Stamping Co., 411 5th av, New York
Ray Geo. A. Mfg. Co. (Copper, Measuring Valve, etc), Buffalo, N. Y.

5038—*Funnels for Injector & Oil Overflow

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

5039—Funnels (Gasoline)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.
 Delphos Mfg. Co., 1st & Pierce, Delphos, O.
 Dover Stamping & Mfg. Co., Cambridge, Mass.
 Hoaglin F. L. ("No-Spill"), Waupaca, Wis.
 Iddings Co. ("Auto"), Warren, Ohio
 Knapp Mfg. Co., 48 Warren, New York
 Kraft A. C. ("Hurlup" & "Oyl-Hyt"), 323 W Lake, Chicago, Ill.
 National Marine Lamp Co., Forestville, Conn.
 No-Shammy Product Co., 5710 Hough av, Cleveland, O.
 Sigby Wm. H., Sylvan Grove, Kans.

5040—Funnels (Nitrate Charging)

Pratt Engineering & Machine Co., Atlanta, Ga.

5041—*Funnels (Powder)

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

5042—Furnace Doors & Grates

Bell C. S. Co., Hillsboro, O.
 Cook Cane Mill & Evaporator Co., 320 N 2nd, St. Louis, Mo.
 Southern Plow Co., Columbus, Ga.

5043—Furnace Pipe & Fittings

Adjusto Specialty Co., Springfield, Mass.
 Chicago Furnace Supply Co., 549 W Monroe, Chicago, Ill.
 Delphos Mfg. Co., 1st & Pierce, Delphos, O.
 Eclipse Metal Mfg. Co. (Galvanized Elbows), Eden, N. Y.
 Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.
 Fow Mfg. Co. (Adjustable Elbows, etc), 233 N 2d, Phila., Pa.
 Gammeter W. F., Cadiz, O.
 Hill James Mfg. Co., 52 Westfield, Providence, R. I.

Howes S. M. Co., 42 Union, Boston, Mass.
 International Heater Co., Utica, N. Y.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book
 Meyer F. & Bro. Co. ("Improved Handy"), Peoria, Ill.
 Michigan Safety Furnace Pipe Co., 113 Fort E, Detroit, Mich.
 Newark Steel & Iron Works, 12 Mercer, Newark, N. J.
 Perfection Furnace Pipe Co., Toledo, O.
 Pittsburgh Valve, Foundry & Construction Co. (Blast Furnace, etc), 26th & A. V. Ry, Pittsburgh, Pa.
 Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
 Safety Furnace Pipe Co., 1212 Second av, Detroit, Mich.
 Steele Wilbur S. Co. ("Peerless"), Hartford, Conn.
 XXth Century Heating & Ventilating Co., Akron, O.
 United States Register Co., Ltd., Battle Creek, Mich.
 Waverly Heating & Supply Co. ("Vulcan"), 28 Union, Boston, Mass.
 Williamson Heater Co., 339 W 5th, Cincinnati, O.
 Wright Mfg. Co., New Haven, Conn.

5044—Furnaces (Agricultural)

Donaldson Bros., Mount Clemens, Mich.
 Lehr Agricultural Co., Fremont, O.

5045—Furnaces (Aluminum Melting)

Foundry Equipment Co., Cleveland, O.
 Hagan Geo. J. Co., Peoples Bank bldg., Pittsburgh, Pa.
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336 Frankfort av, N W, Cleveland, O.

5046—Furnaces (Annealing & Case Hardening)

See also Furnaces, Fuel Oil Burning; also Furnaces, Gas Blast
 American Equipment Co., Norristown, Pa.
 American Gas Furnace Co. (Gas), 24 John, New York
 American Stoker Co., 11 B'way, New York
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Bates Machine Co. (Annealing), Joliet, Ill.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Bellevue Industrial Furnace Co., 703 Bellevue av, Detroit, Mich.
 Bidle W. S. Co., 1411 E 45th, Cleveland, O.
 Braun Corporation (Annealing, Hardening, Tempering & Case Hardening), Los Angeles, Cal.
 Braun-Knecht-Helmann Co. ("Braun"), 576 Mission, San Francisco, Cal.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 608 N La Salle av, Chicago, Ill.
 Despatch Mfg. Co. (Electric Ovens), 104 2nd N, Minneapolis, Minn.
 Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
 Engelhard Chas. ("Heraeus" Steel Hardening), 30 Church, New York
 Flinn & Dreffeln Co., 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Hagan Geo. J. Co. (Box & Open), Peoples Bank bldg, Pittsburgh, Pa.
 Hinz Mfg. Co., Detroit, Mich.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Laughlin Alex. & Co., Pittsburgh, Pa.
 Mackenzie's Duncan Sons Co., Trenton, N. J.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Metals Production Equipment Co., Springfield, Mass. *See adv index at end of book*

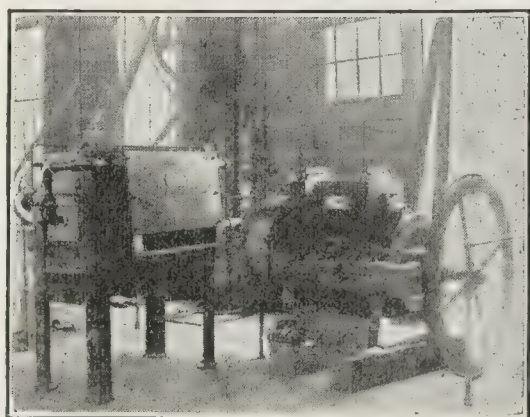


Fig. 1



Fig. 2



Complete Industrial Furnace Equipment



"FURNACE AND FUEL TO SUIT THE WORK"—is the rule governing our consideration of a new or the improvement of an old furnace equipment to suit your needs under your plant conditions. Our purpose is to deal with each case on its individual merits and to recommend changes in methods or equipment only when it is apparent that these will be productive of better results.

We do not merely sell furnaces, but rather means for efficient production in industrial heating operations, which involves a great deal more than brick and iron or the burning of fuel.

Let Us Handle Your Heating Problems

We make inspection of plant, devise methods and means of working, prepare plans, furnish complete industrial furnace equipment and guarantee results, using coal, coke, gas or oil, as the best interests of our patrons require.

The following list of furnaces and appliances illustrates the variety of work we do and our familiarity with furnace and fuel problems:

Annealing Furnaces	Heat-Treating Furnaces	Soft Metal Melting Furnaces
Billet Heating Furnaces	Heating Furnaces	Spring Fitting Furnaces
Blowers	Lead Pot Furnaces	Stoker Fired Recuperative Furnaces
Carbonizing Furnaces	Melting Furnaces	Tempering Furnaces
Cyanide Furnaces	Muffle Furnaces	Upsetting Furnaces
Drying Furnaces	Plate Heating Furnaces	Varnish Boiling Furnaces
Enameling Furnaces	Rivet Furnaces	Wire Furnaces
Forging Furnaces	Rivet Rod Furnaces	
Fuel Oil Appliances	Sealing Furnaces	
Hardening Furnaces		

WRITE FOR CATALOG No. 25-A

W. S. ROCKWELL COMPANY

Furnace Engineers and Contractors

50 Church Street

(Hudson Terminal Bldg.)

New York

Miller W. R. Co., House bldg, Pittsburgh, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
Railway Materials Co. (For Boiler Shop, Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
ROCKWELL W. S. CO. (Stationary & Rotary Types), 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336 Frankfort av, N W, Cleveland, O.
Swindell Wm. & Bro. (Inc.), Jenkins Arcade bldg, Pittsburgh, Pa.

TATE-JONES & CO. INC.
PITTSBURGH, PENNA

Tate-Jones & Co. (Large & Small, Accurate Temperature, Easy Control), Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
Tropenas Converter Co., 50 Church, New York
Turner, Vaughn & Taylor Co. (Die, Lead, Muffle & Pot Annealing Furnaces), Cuyahoga Falls, O.
Wisconsin Foundry & Machine Co., Madison, Wis.

Furnaces (Asphalt, Pitch & Tar)
See Heaters, Asphalt, Pitch & Tar

5047—Furnaces (Assayers' & Bullion)
American Gas Furnace Co., 24 John, New York & Elizabeth, N. J.
Berge J. & H. ("Hibbs" Improved), 95 John, New York
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
Calkins Co., Los Angeles, Cal.
Denver Fire Clay Co. ("Case"), Denver, Colo.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. & Co., 50 Church, New York. *See adv index at end of book*

5048—Furnaces (Babbitt Melting)
See also Furnaces, Gas Blast

American Gas Furnace Co. (Gas), 24 John, New York, & Elizabeth, N. J.
Buckeye Products Co., Cincinnati, O.
Davis Machine Tool Co. ("Vesuvius"), Rochester, N. Y.
Globe Gas Light Co. ("Barthel" Kerosene), 25 Union, Boston, Mass.
Hagan Geo. J. Co. ("Bailey" Patent), Peoples Bank bldg, Pittsburgh, Pa.
Leddell Metals Co. ("Bee" Anti-Friction, Portable), 281 Borden av, Long Island City, N. Y.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5049-50—Furnaces (Bagasse)
Babcock & Wilcox Co., 353 Baronne, New Orleans, La.
Casey-Hedges Co., Chattanooga, Tenn.
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburgh, N. Y.
Fisher Bagasse Furnace Co., Ltd., New Orleans, La.

Haubtman & Loeb Co., Ltd., 717 Magazine, New Orleans, La.
Murphy John H. ("Quinn"), 643 Magazine, New Orleans, La.
Payne & Joubert Mach. & Fdry Co., Howard & Euphrosine, New Orleans, La.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Squier Geo. L. Mfg. Co., Buffalo, N. Y.

5051—Furnaces (Barium Chloride)
American Gas Furnace Co., 24 John, New York
Chicago Flexible Shaft Co., 608 N La Salle av, Chicago, Ill.
Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Fisher Bagasse Furnace Co., Ltd., New Orleans, La.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort") Barium Chloride & Cyanide Hardening), 336 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5052—Furnaces (Billet Heating)
Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
Best W. N., 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
Hauck Mfg. Co., 140 Cedar, New York
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Morgan Construction Co., Worcester, Mass.
ROCKWELL W. S. CO. (Oil, Coal or Gas), 50 Church, New York. *See adv index at end of book*
Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5052a—*Furnaces (Boiler Shop)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5052b—*Furnaces (Bolt Heading)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5052c—*Furnaces (Brass Annealing)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5053—Furnaces (Brass & Copper Melting)

See also Furnaces, Gas Blast
Barnett Oscar Foundry Co., Irvington, N. J.
Best W. N., 11 B'way, New York
Brass Founders' Supply Co., Hamburg pl, Newark, N. J.
Buckeye Products Co., Cincinnati, O.
Central Foundry Supply Co., P. O. Box 945, Columbus, O.
Foundry Equipment Co., Cleveland, O.
Hagan Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.
Hauck Mfg. Co., 140 Cedar, New York
Hawley Down Draft Furnace Co. ("Schwartz's"), Easton, Pa.
Ideal Furnace Co., Chester, Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Monarch-Rockwell," "Steele-Harvey," "Simplex" & "Monarch"), American bldg, Baltimore, Md.
Pittsburgh Electric Furnace Co., Vanadium bldg, Pittsburgh, Pa.

Rockwell W. S. Co. (Tilting & Stationary Crucible Types; also Reverberatory), 50 Church, New York. *See adv index at end of book*
Stevens Frederick B., 3d & Larned, Detroit, Mich.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Whiting Foundry Equipment Co., Harvey, Ill.
Wise J. B., Inc. ("M-R-V" Tilting Crucible), Watertown, N. Y.
Woodison E. J. Co., Detroit, Mich.

5054—Furnaces (Brazing)
Chicago Flexible Shaft Co. ("Stewart" Crucible), 608 N. La Salle av, Chicago, Ill.
Flinn & Dreffein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
Grabo E. O. Machine Works, 180 Centre, New York
Hauck Mfg. Co., 140 Cedar, New York
MacLeod Co., 2227 Bogen, Cincinnati, O. *See adv index at end of book*
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
Turner Brass Works (Gasoline & Kerosene), Sycamore, Ill.

5054a—*Furnaces (Bulldozer)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5055—Furnaces (Butchers')
Meek Oven Co. (For Lard Rendering, Boiling Meats, etc), Newburyport, Mass.

5055a—*Furnaces (Cartridge Case Annealing)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Furnaces (Case Hardening)
See Furnaces, Annealing & Case Hardening

5055b—*Furnaces (Chain Welding)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5056—Furnaces (Charcoal)
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

5056a—*Furnaces (Cold Rolled Strip Annealing)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5056b—*Furnaces (Combination Coal & Oil)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5057—*Furnaces (Combination Gas & Oil)
Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

5058—Furnaces (Confectioners' Gas)
BEACH-RUSS CO., 220 B'way, New York. *See adv index at end of book*
Eclipse Fuel Engineering Co. ("Eclipse" Gas Blast), 100 Forbes, Rockford, Ill.
Fuller-Warren Co. ("Stewart" Gas Blast), 32nd & Wright, Milwaukee, Wis.
Katzinger Edw. Co. ("Ecko," "Giant"), 122 N Peoria, Chicago, Ill.

5058a—*Furnaces (Continuous)
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Girod Electric Furnaces

are used in capacities up to 15 tons per heat in the manufacture of
"Crucible Quality" Steel for all purposes

This furnace is also recommended for the melting of Ferro-Manganese; this process reduces the Manganese loss.

We also solicit your orders for **CARLTON BRAND, English**

Ferro-Manganese

For prompt and future delivery

C. W. LEAVITT & Co., Agents

34 CHURCH ST., NEW YORK

5059—Furnaces (Copper)

Denver Engineering Works Co., Denver, Colo.
Hagan Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Pittsburgh Electric Furnace Co., Vanadium bldg, Pittsburgh, Pa.
Reeves Bros. Co., Alliance, O.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*

5060—Furnaces (Copper Matting)

Colorado Iron Works Co., Denver, Colo.
Denver Engineering Works Co., Denver, Colo.
Hagan Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
Traylor Engng. & Mfg. Co., Allentown, Pa.

Furnaces (Core Baking)

See Ovens, Core Baking

5061—Furnaces (Corrugated)

AMERICAN SPIRAL PIPE WORKS (for Land & Marine Boilers), Chicago, Ill.
See adv index at end of book
Continental Iron Works ("Morison" Suspension & "Fox" Corrugated for Land & Marine Boilers), Brooklyn, N. Y.

5062—Furnaces (Crucible)

See also Furnaces, Melting

American Gas Furnace Co., 24 John, New York, & Elizabeth, N. J.
Amsler Walter O., Wabash bldg., Pittsburgh, Pa.
Anthony Co. (Fuel Oil), 138 West av, Long Island City, N. Y.
Best W. N., 11 B'way, New York.
Braun Corporation, Los Angeles, Cal
Braun-Knecht-Heimann Co. ("Braun" Rotary Flame Combination), 576 Mission, San Francisco, Cal.
Buckeye Products Co., Cincinnati, O.
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 608 N La Salle av, Chicago, Ill.

Denver Fire Clay Co. ("Donaldson" Tilting for Melting & Refining), Denver, Colo.

Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
Engelhard Chas. ("Heraeus"), 30 Church, New York

Fisher Alfred (Fuel Oil), 1453 Austin av, Chicago, Ill.

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.

See adv index at end of book

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.

Hauk Mfg. Co., 140 Cedar, New York

Hoskins Mfg. Co. ("Hoskins" Electric), 453 Lawton, Detroit, Mich.

Ideal Furnace Co. (Coke Fired), Chester, Pa.

Iler Co., 694 E 82d, Cleveland, O.

Kroeschell Bros. Co. ("Kroeschell-Schwartz" Gyration Flame for Non-Ferrous Metals), 440 W Erie, Chicago, Ill.

MacLeod Co., 2227 Bogen, Cincinnati, O.

See adv index at end of book

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell," Tilting Melting), American bldg, Baltimore, Md.

Rockwell W. S. Co. ("Rockwell," Single & Double Chamber Tilting & Stationary), 50 Church, New York

See adv index at end of book

Smythe S. R. Co., House bldg, Pittsburgh, Pa.

Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N. W, Cleveland, O.

Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Wise J. B., Inc. ("M-R-V," Brass Melting Tilting), Watertown, N. Y.

5063—Furnaces (Cupelling)

Colorado Iron Works Co., Denver, Colo.

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.

Rockwell W. S. Co., 50 Church, New York

See adv index at end of book

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Traylor Eng. & Mfg. Co., Allentown, Pa.

5064—*Furnaces (Cupola)

NORTHERN ENGINEERING WORKS ("The Newton"), 9 Chene, Detroit, Mich. *See adv index at end of book*

5065—*Furnaces (Cyanide Hardening)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5066—Furnaces (Dental)

Caulkins H. J. & Co., State & Griswald, Detroit, Mich.

5067—Furnaces (Electric)

Acheson Graphite Co. (Small for High Temperature), Niagara Falls, N. Y.

Crowley John A. Co. ("Gronwall"), 120 Liberty, New York

Davis Norris K. Machine Wks, 400 7th, San Francisco, Cal.

Eimer & Amend ("E. & A." "Borcher's," "Moissan," "Roessler's," "Hartzfeld"), 205 3d av, New York

Electric Furnace Co. (For Bars & Billets), Alliance, O.

Electric Heating Apparatus Co., 121 Sussex av, Newark, N. J.

Engelhard Chas. ("Heraeus," for Laboratory & Experimental Purposes), 30 Church, New York

Hamilton & Hansell ("Rennerfelt"), 17 Battery pl, New York

Hoskins Mfg. Co. ("Hoskins," for Hardening Carbon Steel, etc), 463 Lawton, Detroit, Mich.

International Instrument Co., Cambridge, Mass.

Knott L. E. Apparatus Co. (For Experimental Purposes), 79 Amherst, Cambridge, Mass.

LEAVITT C. W. & CO. ("Girod" for Steel Work), 34 Church, New York

See adv index at end of book

Pittsburgh Electric Furnace Co. (For Non-Ferrous Metals), Vanadium bldg, Pittsburgh, Pa.

Sargent E. H. & Co. (For Laboratory), 125 W Lake, Chicago, Ill.

Siemens & Halske A. G. ("G. S. F." Introduction), 90 West, New York

Snyder Electric Furnace Co. (Steel Refining), 55 W Jackson Blvd, Chicago, Ill.

Stupakoff S. H. (For Experimental Work), 6639 Hamilton av, Pittsburgh, Pa.

Thomas Arthur H. Co. (For Laboratory), W Washington sq, Phila., Pa.

U. S. Steel Corp., 71 B'way, New York

Wile Electric Furnace Co., Jenkins Arcade, Pittsburgh, Pa.

5068—*Furnaces (Electric Hardening)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Furnaces (Electricians')

See Furnaces, Gasoline Blast

5069—*Furnaces (Enameling)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

5070—*Furnaces (Enameling, Muffle)

ATLAS ENGINEERING CO., Amherst, O.
See adv index at end of book

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Furnaces (Evaporator)

See Evaporators

5071—Furnaces (Fagot Heating)

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.

Rockwell W. S. Co., 50 Church, New York

See adv index at end of book

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5071a—*Furnaces (Flanging)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5072—Furnaces (Flue Welding)

See also Flue Welding Machines

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.

“A Word to the Wise”

Buyers will often save time

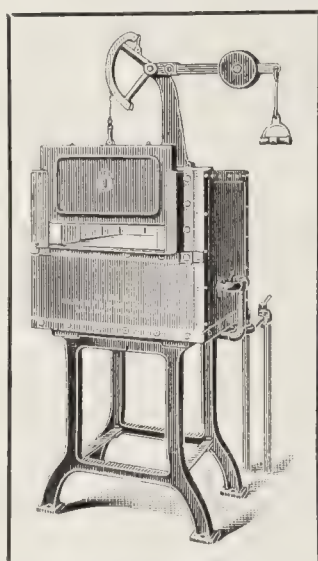
by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.

Fuel Cost and Efficiency

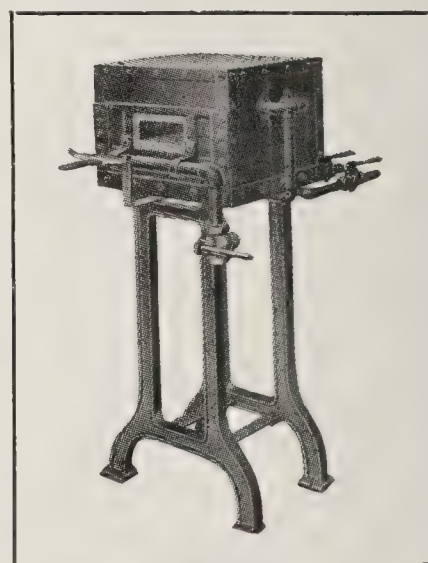
Depend as much on the way you use the fuel as on the price and quality. Even the best fuel must be correctly used before its economy will be felt.



TYPE C
Semi-Muffle Furnace
For fine work in hardening and tempering high-speed and carbon steel.

When you have applied the fuel as directly as possible to your work, and are burning no more than is necessary to accommodate the work and burning it with complete combustion, you have disposed of the question of fuel economy.

So when you use Gilbert & Barker Furnaces with either gas or oil fuel, you dispose of this question automatically. Gilbert & Barker Furnaces represent over forty years' practical experience in the burning of gases and oils. They are cheaper—not only in fuel saved, but in first cost and in up-keep.



TYPE A
Forging and Welding Furnace
Designed for forging, welding, tool dressing and general heating work requiring a high, even temperature

INVESTIGATE. YOU WILL BE REPAID.
AS A FIRST STEP WRITE FOR CATALOG

GILBERT & BARKER MFG. CO.

DEPT. C
SPRINGFIELD, MASS.
NEW YORK

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Railway Materials Co. ("Ferguson" Oil as Fuel), Railway Exch. bldg, Chicago, Ill.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5073—Furnaces (Forging, Etc.)

American Equipment Co., Norristown, Pa.
 American Shop Equipment Co. (Combustion Chamber Forge Furnaces), McCormick bldg, Chicago, Ill.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
 Best W. N., 11 B'way, New York
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
 Chicago Flexible Shaft Co. ("Stewart," Gas Blast or Oil, for Small Forgings, etc.), 608 N La Salle, Chicago, Ill.
 Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.
 Flinn & Drefflein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. (Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Hauck Mfg. Co., 140 Cedar, New York
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Metals Production Equipment Co., Springfield, Mass.
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Railway Materials Co. ("Ferguson," Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
ROCKWELL W. S. CO. (Preheater Type), 50 Church, New York
See adv index at end of book
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 Union Drop Forge Co. (Also Crucible), 358 W Grand, Chicago, Ill.
 U. S. Gas Furnace Co. (Gas, Blast), 46 Clifford, Providence, R. I.
 Westmacott Gas Furnace Co. (Gas, Blast), 159 Orange, Providence, R. I.

5074—Furnaces (Fuel Oil Burning)

American Equipment Co., Norristown, Pa.
 American Shop Equipment Co. ("Aseco"), McCormick bldg, Chicago, Ill.
 Anthony Co., 138 West av, Long Island City, N. Y.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
 Best Co., 33d & R R, Pittsburgh, Pa.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Buckeye Products Co., Cincinnati, O.
 Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.
 Denver Fire Clay Co. ("Case"), Denver, Colo.
 Fisher Alfred, 1453 Austin av, Chicago, Ill.
 Flinn & Drefflein Co., 431 S Dearborn, Chicago, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Hauck Mfg. Co., 140 Cedar, New York
 Ingersoll-Rand Co. ("Leyner"), 11 B'way, New York
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Metals Production Equipment Co., Springfield, Mass.

Mirc's Fuel-Oil Equipment Co. ("Mircs"), Lancaster, Pa.
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Oil Furnace & Engineering Co., 51 Liberty, New York
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5075—*Furnaces (Galvanizing)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5076—Furnaces (Gas)

American Shop Equipment Co., McCormick bldg, Chicago, Ill.
 Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
 Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
 Buckeye Products Co., Cincinnati, O.
 Columbus Heating & Ventilating Co. ("Columbus"), Columbus, O.
 Denver Fire Clay Co. ("Case"), Denver, Colo.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Guardian Gas Appliance Co., 3409 Superior, Cleveland, O.
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Koven L. O. & Bro., 154 Ogden Av, Jersey City, N. J.
 Learn & Brindle Sheet Metal Works ("Knoderer"), Columbus, O.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Marshall Foundry Co., Pittsburgh, Pa.
 Metals Production Equipment Co., Springfield, Mass.
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
 Tate-Jones & Co. ("Kirkwood"), Empire bldg, Pittsburgh, Pa.
See adv index at end of book

TATE-JONES & CO. Inc.
PITTSBURGH, PENNA

5077—Furnaces (Gas Blast)

American Gas Furnace Co., 24 John, New York, & Elizabeth, N. J.
 Buckeye Products Co., Cincinnati, O.
 Chicago Flexible Shaft Co. ("Stewart"), 608 N La Salle av, Chicago, Ill.
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Metals Production Equipment Co., Springfield, Mass.
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

5078—Furnaces (Gas Generator)

Gautier J. H. Co., Green, Jersey City, N. J.
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5079—Furnaces (Gas Soldering)

American Meter Co., 11th av & 47th, New York
 American Stove Co. ("Quickmeal"), St. Louis, Mo.
BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
 Bernz Otto, 21 Ashland av, Newark, N. J.
 Bickelhaupt Geo. Skylight Works, 722 11th av, New York
 Burgess Soldering Furnace Co. ("Gem"), Columbus, O.
 Chicago Hardware Foundry Co. ("Turnlow"), 544 W Washington, N. Chicago, Ill.
 Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
 Diener Geo. W. Mfg. Co. (Automatic), 400 Monticello av, Chicago, Ill.
 Eclipse Fuel Engineering Co. ("Eclipse"), 100 Forbes, Rockford, Ill.
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Hones Charles A. (Buzzer), 114 Franklin, Brooklyn, N. Y.
 Jacobson Machine Mfg. Co. ("Superior"), Warren, Pa.
 Kraft A. C., 323 W Lake, Chicago, Ill.
 Odin Stove Mfg. Co. ("Odin"), Erie, Pa.
 Penna. Furnace & Stove Co. ("Penna."), Warren, Pa.
 Yost G. M. Mfg. Co. ("Yost" Improved Superior), Meadville, Pa.

5080—Furnaces (Gasoline Blast)

American Stove Co. ("Reliable," "Quick Meal"), St. Louis, Mo.
 Ashton Mfg. Co., 184 Emmet, Newark, N. J.
 Bernz Otto ("Always Reliable"), 27 Ashland, Newark, N. J.
 Best Light Co., Canton, O.
 Clayton & Lambert Mfg. Co. (Also Kerosene), 205 Piquette av, E Detroit, Mich.
 Diener Geo. W. Mfg. Co. ("Torrid"), 400 Monticello av, Chicago, Ill.
 Double Blast Mfg. Co. ("Lundy" Double Blast), N Chicago, Ill.
 Garrison Brass & Machine Works, 149 W 35th, New York
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
 Sun Vapor & Gas Street Light Co., Canton, O.
 Turner Brass Works ("Bonanza"), Sycamore, Ill.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Widder F. E. Co., Canton, O.
 Wolff L. Mfg. Co. ("Duro"), 601 W Lake, Chicago, Ill.

5081—Furnaces (Glass Mfrs.)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Hagan Geo. J. Co., People's Bank bldg, Pittsburgh, Pa.
 Iacled-Chrissy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
 Miller W. R. Co., House bldg, Pittsburgh, Pa.

Furnaces (Gold & Silver Melting)

See Furnaces, Assayers' & Bullion

5081a—*Furnaces (Gun Barrel Heating)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5081b—*Furnaces (Gun Shrinking)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Furnaces (Hardening)

See Furnaces, Annealing & Case Hardening

5082—*Furnaces (Heat Treating)

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

We build every type of Furnace for Heat Treating, Annealing, Case Hardening or Forging using all types of fuel.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5082a—*Furnaces (Heat Treating Shells)

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5083— Furnaces (Heating)

Best W. N., 11 B'way, New York
Burns Hydro Carbon Burner Co., Fort Plain, N. Y.

Flinn & Drefflein Co., 431 S Dearborn, Chicago, Ill.

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

Hauck Mfg. Co., 140 Cedar, New York
Lindsay W. W. & Co., Harrison bldg, Phila., Pa.

McClure G. W. Son & Co., Bessemer bldg, Pittsburgh, Pa.

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Metals Production Equipment Co., Springfield, Mass.

Miller W. R. Co., House bldg, Pittsburgh, Pa.

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.

Morgan Construction Co. (Continuous), Worcester, Mass.

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Smythe S. R. Co., House bldg, Pittsburgh, Pa.

Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.

Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Wellman-Seaver-Morgan Co. (Continuous), Cleveland, O.

Williams, White & Co., Moline, Ill.

5084—Furnaces (High Speed Steel)

American Gas Furnace Co. (Gas), 24 John, New York, & Elizabeth, N. J.

Bellevue Furnace Co. (Fuel Oil Burning Muffle), 703 Bellevue av, Detroit, Mich.

Best W. N., 11 B'way, New York
Burns Hydro Carbon Burner Co., Ft. Plain, N. Y.

Chicago Flexible Shaft Co. ("Stewart," Gas or Oil Blast), 608 N La Salle av, Chicago, Ill.

Crowley John A. Co., 120 Liberty, New York

Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.

Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.

Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.

5085— Furnaces (Hop)

Munnsville Plow Co. ("Duplex," "O. K."), Munnsville, N. Y.

5086—Furnaces (Hot Air, Gas for Fuel)

Barber Mfg. Co., Ashtabula, O.

Buffalo Co-Operative Stove Co. ("Amherst"), Buffalo, N. Y.

Century Stove & Mfg. Co. ("Century"), Johnstown, Pa.

Hughes E. F. ("Perfection"), Titusville, Pa.

International Heater Co., Utica, N. Y.

Mellott Furnace Co., 955 Liberty av, Pittsburgh, Pa.

Pennsylvania Furnace & Stove Co. ("Penna"), Warren, Pa.

Scientific Heater Co., Whitney Power blk, Cleveland, O.

5087—Furnaces (Hot Air, Mfrs.)

CALIFORNIA.

LOS ANGELES—Phillips Heating, Vent & Mfg. Co. ("Browne")

SAN FRANCISCO—Mission Fdry & Stove Wks Treat av & 19th

Steiger & Kerr Stove & Foundry Co., Folsom & 18th

CONNECTICUT.

BRIDGEPORT—Green M. A. & Co. ("Culver" Tubular)

BRISTOL—Turner Heater Co.

NORWICH—Richmond Radiator Co. ("Richmond"), Main Office, New York

PUTNAM—Putnam Foundry & Machine Co.

STAMFORD—Stamford Foundry Co.

ILLINOIS.

BELLEVILLE—Oakland Foundry Co. ("Z-Ro")

BLOOMINGTON—American Fdry & Furnace Co.

CHICAGO—Co-Operative Foundry Co., 505 S Clinton

Doylair Products Co., Monadnock blk

Excelsior Steel Furnace Co., 517 W Monroe

Franzen Wm., 3352 Sheffield av

Hamilton Alfred O., 820 E 43d

Hess Warming & Ventilating Co. ("Hess"), 1211 S Western av

McMillan Jas & Co., 33 N Market

Olson A. J. & Co., 217 W Lake

Quaker Mfg. Co. ("Quaker" Steel), 180 N Dearborn

Reynolds B. F. & Co., 414 N Dearborn av

Robinson Furnace Co., ("Gem"), 205 W Lake

Servoss Furnace Co., 303 N Michigan av

Water Arch Furnace Co., 38 S Dearborn

DANVILLE—Koons Wm. U.

GALENA—Westwick John & Son

JOLIET—Moore Bros. Co. ("Moore's")

MOLINE—Tyrell B. B.

MONMOUTH—Maple City Foundry & Furnace Co.

ORLAND—McKenzie Furnace Co.

PEORIA—Meyer Furnace Co.

QUINCY—Excelsior Stove & Mfg. Co. ("National")

Gem City Stove Mfg. Co. ("German")

INDIANA.

HUNTINGTON—Majestic Co. ("Majestic" Pipe & Pipeless)

INDIANAPOLIS—Hawkins Rollyn

Kruse & Dewenter, 427 E Washington

Rybolt Heating Co., 632 Mass. av

Thiele L. C. Co.

Troy Bros.

KOKOMO—Globe Stove & Range Co. ("Globe")

IOWA.

CEDAR RAPIDS—Cedar Rapids Foundry & Machine Co.

COUNCIL BLUFFS—Sprague Foundry & Mfg. Co. ("Crater," "Sprague" Underfeed)

DES MOINES—Campbell Heating Co.

Green Foundry & Furnace Works

Keith Furnace Co.

MARSHALLTOWN—Imperial Furnace Co.

La Plant Co.

Lennox Furnace Co. (Hard & Soft Coal & Wood, "Lennox," "Torrid Zone," "Hermetic")

OSKALOOSA—Interstate Mfg. Co. ("Marvel")

WATERLOO—Bovee Furnace Works (Bovee Furnace Works ("Bovee," Compound Radiator Furnace

Waterloo Register Co. ("Carter's")

KENTUCKY.

LOUISVILLE—Stratton & Terstegge Co., 15th & Main

MAINE.

BANGOR—Wood & Bishop Co.

PORTLAND—Portland Stove Foundry Co.

MARYLAND.

BALTIMORE—Bartlett Hayward Co. ("Standard," "Gem," "Reliable," "National"), Scott & McHenry

Bibb B. C. Stove Co., 107 Light

MASSACHUSETTS.

BOSTON—Carpenter Cyrus & Co., 177 Massachusetts av

Chubbuck Furnace Co., 1892 Washington

Clark Henry N. Co., 56 Union

Hertig Furnace Co. ("Kohler"), 1342 Columbus av

Highland Foundry Co., 1341 Columbus av

Howes S. M. Co., 42 Union

Magee Furnace Co., 38 Union

Ridgway Furnace Co., 80 Beverly

Rodday Robt. J. Co., 138 Harrison av

Walker Furnace Builders, 155 Milk

Walker & Pratt Mfg. Co. ("Crawford"), 31 Union

MANSFIELD—Chilson Furnace Co.

METHUEN—Sanborn Furnace Co.

OAKHAM—Dean Walter R.

WATERTOWN—Walker & Pratt Mfg. Co.

WESTFIELD—Brien Heater Co. ("Brien" & "Waldron")

WINCHENDON—Hill & Bosley

MICHIGAN.

BAY CITY—Garland M. Co.

DETROIT—Detroit Stove Works

Hare A. A., 300 Woodward av

Ideal Furnace Co., 88 Jefferson av

Michigan Stove Co. ("Garland")

Peninsular Stove Co.

Smith Peter Heater Co.

HOLLAND—Holland Furnace Co.

KALAMAZOO—Kalamazoo Stove Co.

MARSHALL—Marshall Furnace Co.

Simons-Leedle Co. ("Dobbins" Tubular)

MONROE—Monroe Foundry & Furnace Co. ("Floral City")

NORTHVILLE—American Bell & Foundry Co.

PETOSKEY—Burnett Foundry & Machine Works (Ltd.)

MINNESOTA.

MINNEAPOLIS—Andrews Heating Co. ("Andrews")

Roberts-Hamilton Co. ("Storm King"), 413 S 4th

NORTHFIELD—Northfield Furnace Co. (Robaco)

ST. PAUL—Prendergast Bros., 20 E 6th

MISSOURI.

KANSAS CITY—Kansas City Furnace Co. ("Ideal")

Prest Heating & Foundry Co.

ST. LOUIS—American Furnace Co., 2725 Morgan

Brinkmann J. H. & Sons, 913 Olive

Dooly Jno. E. Hardware Co., 2249 S Grand av

Haynes-Langenberg Mfg. Co. ("Front Ranks" Steel), 4045 Forest Park blvd

Tipton & Mackey Mfg. Co., 4948 Eason av

Wrought Iron Range Co.

Zellweger J. & Sons ("Multi-Plate")

NEBRASKA.

OMAHA—Standard Furnace & Supply Co. ("Nesbit"), 411 So. 10th

NEW JERSEY.

JERSEY CITY—Boynton Furnace Co., Pacific av
Colby E. B. & Co. ("Cable"), Hoboken av
NEWARK—Thatcher Furnace Co., 36 St. Francis
TRENTON—Mott J. L. Iron Works

NEW YORK.

BUFFALO—Buffalo Co-operative Stove Co. ("Amherst")
CORNING—Corning Mfg. Co. ("The Victor")
Hood Furnace & Supply Co. ("Our Home," "New Home," "Cottage Home," "Cheerful Home")
FULTON—Emeny G. J. Co. ("Intense")
GENEVA—Summit Foundry Co.
NEW YORK—Boynton Furnace Co., 106 W 37th
Graff Furnace Co. ("Faultless," "Hero"), 105 E 29th
Harvey Furnace Co., 337 W 38th
Janet & Kirtland, 133 W 44th
Nugent Thos., 223 E 80th
Richardson & Boynton Co., 31 W 31st
Thatcher Furnace Co., 135 W 35th
Union Stove Works ("Astor" "Storm King"), 70 Beekman
Wear John B. & Son, 206 E 29th
NIAGARA FALLS—Niagara Falls Furnace Co. ("Fremont")
PEEKSKILL—Union Stove Works
ROCHESTER—Co-Operative Foundry Co. ("Ajax")
Enterprise Foundry Co. ("Ariel")
Galusha Stove Co. ("Norman Phoenix")
Sill Stove Works ("Sterling")
SYRACUSE—Kelsey Heating Co. ("Kelsey")
TROY—Burdett, Smith & Co.
Fuller & Warren Co.
Henderson Frank
UTICA—Giblin & Co. ("Standard")
Hart & Crouse Co.
International Heater Co. ("International," "Economy," "Howard," "Kerman," "Princess," "Palace King" & "Palace Queen," "International Carton," "International Duke," "International Earl," "International Baronet," "International Princess," "International Count," "International Steel Furnace"; also "International One-pipe" Heater)
Utica Heater Co.

OHIO.

AKRON—May-Fiebeger Co. ("Ath-A-Nor," "Akron," "Solid-Comfort")
Taplin-Rice-Clerkin Co. ("Climax")
XXth Century Heating & Ventilating Co. (Pipeless "XXth Century")
Wise Furnace Co. ("Wise")
ASHTABULA—Barber Mfg. Co. ("Buckeye," "Challenge," "Ideal")
BUTLER—Switzer C. M.
CADIZ—Gammeter W. F. ("Reflex")
CANTON—Yost Furnace Co. ("Canton Oak," "Canton Eagle," "Canton Mentor," "Canton Perfect Blast")
CINCINNATI—Grossius John Furnace Co., 318 E 8th
Hammond Heating Co., 130 E Pearl
Miller Wm. Range & Furnace Co., 7th & B'way
Monitor Furnace Co. (Heating & Ventilating), C. H. & D. R. R., nr. Gest
Rybolt Heating Co., 309 E 5th
Williamson Heater Co. ("Peck-Hammond"), 339 W 5th
CLEVELAND—Bennett Furnace Co. ("Cleveland," "Euclid," "Ohio"), 6531 Euclid av
Forest City Foundry & Mfg. Co. ("Monarch," "Niagara," "Imperial," "Pyramid"), 2202 Elm av
Henry Miller Foundry Co.
Interstate Heater Co., 403 Long av
Mannen John E. Co. ("Manest" Combination Coal & Gas), 2247 St. Clair
Scheible-Moncrief Heater Co., 1444 W 9th, Cleveland, O.

Smith W. A. & Co., 625 Champlain
COLUMBUS—Columbus Heating & Ventilating Co. ("Columbia," "U. S.," "Ohio," Coal or Gas, for Schools, Churches, etc)
Ideal Heating Co., 16 E First av
CRESTLINE—Schill Bros. Co.
DAYTON—Buckeye Steel Furnace Co. (Steel)
Gem City Stove Co. ("Clermont")
National Furnace Co. ("National Hustler," "National Star")
DOVER—Myers Bros. ("Mybo")
ELYRIA—Fox Furnace Co.
HAMILTON—Estate Stove Co.
MARTINS FERRY—Stanton Heater Co. ("Stanton" Seamless)
MASSILLON—Hess-Snyder Co. ("Boomer")
NEWARK—Simpson Fdry Co.
SPRINGFIELD—Patric Furnace Co. Progress Furnace Co.
TOLEDO—Curran & Firth
WILMINGTON—Farquhar Furnace Co. ("Farquhar")
YOUNGSTOWN—Mahoning Foundry Co. Youngstown Furnace Co. ("Lion" Combination, "Apex" Bessemer)

OREGON.

PORTLAND—McPherson W. G. Co. ("Perfect")

PENNSYLVANIA.

BRISTOL—Harkins T. B. Foundry Co.
COLUMBIA—Keeley Stove Co. ("Columbian")
CONNELLSVILLE—Munson Heater Co. (Ltd.)
DANVILLE—Danville Stove & Mfg. Co. ("Beaver")
ERIE—Germer Stove Co.
Krack Gust & Son
Patterson & Stirling
LEHIGHTON—Lehigh Stove & Mfg. Co.
PHILADELPHIA—Berger L. D. Co., 59 N 2d
Cox Abram Stove Co., cor American & Dauphin
Liberty Stove Co., 308 Chestnut
Makin Heating Co., 1827 Filbert
Mershon Patent Shaking Grate Works, 147 N 3d
Philadelphia Stove & Iron Fdry Co., 1631 N 5th
Reynolds J & Son, 1613 Filbert
Sheppard Isaac A. Co. ("Paragon," "Excelsior"), Erie av & Sepviva
Spear Jas. Stove & Heating Co., 1823 Market
Thomas Roberts Stevenson & Co. ("Fortune," "Active Specialty," "Forbes"), American & Dauphin
Tubular Heating & Ventilating Co. ("Forbes"), 232 Quarry
PITTSBURGH—Hagan Geo. J. Co. ("Allis Continuous Heating Furnace"), Peoples Bank bldg
Rust Engineering Co., Farmers Bk. bldg
Stove & Range Co. of Pittsburgh, Preble av, nr Superior bridge
POTTSTOWN—March-Brownback Stove Co. ("Crown")
POTTSVILLE—Pottsville Foundry & Stove Co. ("Derr")
QUAKERTOWN—Roberts, Winner & Co.
READING—Geissler Bros.
Mount Penn Stove Works
Reading Stove Works ("Othello," "Sunshine")
ROYERSFORD—Buckwalter Stove Co. ("Eclipse")
Floyd-Wells Co. ("Bengal," "Tiger")
SPRING CITY—Keystone Stove Foundry
TITUSVILLE—Hughes E. F.
WARREN—Penna. Furnace & Stove Co. ("Penna" Gas for Fuel)

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co., 116 Point

TEXAS.

SCHULENBURG—Ruhmann G. E. (Steel)

WASHINGTON.

TACOMA—Case Furnace Co.

WISCONSIN.

MILWAUKEE—Fuller-Warren Co. ("Stewart"), 32d c Wright
Mueller L. J. Furnace Co. ("Mueller")
Schwab R. J. & Sons Co. ("Gilt Edge Radium"), 283 Clinton
NEENAH—Bergstrom Stove Co.

5087a—*Furnaces (Japanning)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5088—Furnaces (Jewelers')

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book
GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
Keller A. E., 136 Beekman, New York
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa.
See adv index at end of book
U. S. Gas Furnace Co. (Gas Blast), 46 Clifford, Providence, R. I.
Westmacott Gas Furnace Co. (Gas Blast), 159 Orange, Providence, R. I.
Worthington & Raymond (Jobbers), 47 John, New York

5089—Furnaces (Kerosene)

Ashton Mfg. Co. (Blast), 184 Emmet, Newark, N. J.
Barnes Tool Co. ("Archambault"), New Haven, Conn.
Bernz Otto ("Always Reliable"), 21 Ashland av, Newark, N. J.
Clayton & Lambert Mfg. Co., 205 Piquette av, E, Detroit, Mich.
Globe Gas Light Co. ("Barthel," Soldering & Babbitt), 25 Union, Boston, Mass.
Mack Thos. A Mfg. Co. ("Khotal"), 401 St. Paul's av, Jersey City, N. J.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Turner Brass Works (Blast), Sycamore, Ill.

5090—Furnaces (Lead for Galvanizing Wire)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

5091—Furnaces (Lead Melting)

Biehl Iron Works, Inc. (Portable), Reading, Pa.
Buckeye Products Co., Cincinnati, O.
Focht Geo. Sons (Pipe Line), Hoboken, N. J.
Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
Leadite Co. (Gasoline), Land Title bldg, Phila., Pa.
Littleford Bros., 444 E Pearl, Cincinnati, O.
Loetzer Valve & Mfg. Co. (Furnace & Lead Pot Mounted on Wheels), Monroeton, Pa.
MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
Mueller H. Mfg. Co., Decatur, Ill.
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.
Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
Smith A. P. Mfg. Co. ("Economic," "O'Brien"), East Orange, N. J.
Sperry D. R. & Co. (Salamander Type), North Aurora, Ill.
Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
Steubner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book
Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Pittsburgh Electric Furnace Co., Vanadium bldg, Pittsburgh, Pa.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Siemens & Halske A. G. ("G. S. F."), Refining Steel), 90 West, New York
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336 Frankfort av, N W, Cleveland, O.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 Wile Electric Furnace Co., Jenkins Arcade, Pittsburgh, Pa.

5110—Furnaces (Regenerative Gas)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Morgan Construction Co., Worcester, Mass.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Swindell Wm. A. Bro., Jenkins Arcade bldg, Pittsburgh, Pa.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5111—Furnaces (Re-Heating)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Best W. N., 11 B'way, New York
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Morgan Construction Co., Worcester, Mass.
ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 Wellman-Seaver-Morgan Co., Cleveland, O.

5112—Furnaces (Reverberatory)

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York
See adv index at end of book
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5113—Furnaces (Revolving Forge)

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex" & "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Pawtucket Mfg. Co., Pawtucket, R. I.
ROCKWELL W. S. CO. (Annealing for Oil, Coal or Gas), 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5114—Furnaces (Rivet Heating)

American Equipment Co., Norristown, Pa.
 American Shop Equipment Co. ("Aseco" Oil or Gas for Fuel), McCormick bldg, Chicago, Ill.
BEACH-RUSS CO. (Oil or Gas), 220 B'way, New York
See adv index at end of book
 Bellevue Furnace Co., 703 Bellevue av, Detroit, Mich.
 Best W. N., 11 B'way, New York
 Burns Hydro Carbon Burner Co., Fort Plain, N. Y.
 Chicago Flexible Shaft Co. ("Stewart" Gas or Oil Blast), 608 N La Salle av, Chicago, Ill.
 Eclipse Fuel Engineering Co. ("Eclipse" Gas Fired), 100 Forbes, Rockford, Ill.

GILBERT & BARKER MFG. CO.

("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Hauck Mfg. Co., 140 Cedar, New York
 Improved Appliance Co., 455 Kent av, Brooklyn, N. Y.
 Koven L. O. & Bro. (Oil or Gas), 154 Ogden av, Jersey City, N. J.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," & "Rockwell"), American bldg, Baltimore, Md.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5115—Furnaces (Rocker)

Southern Plow Co. (Portable with Evaporator Pan), Columbus, Ga.

5116-7—Furnaces (Roll Tempering)

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Metals Production Equipment Co., Springfield, Mass.
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Railway Materials Co. ("The Ferguson," Oil as Fuel), Railway Exchange bldg, Chicago, Ill.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Furnaces (Salamander)

See Salamanders

5118-19-20—*Furnaces (Saw Hardening)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Furnaces (Scrap Melting)

See Furnaces, Steel Melting

5121—Furnaces (Sintering)

American Grondal Co., 120 B'way, New York

5122—Furnaces (Smelting, Roasting, Calcining, Etc.)

ALLIS-CHALMERS MFG. CO. ("McDougal," Roasting, etc.), Milwaukee, Wis. *See adv index at end of book*
 Arizona & Sonora Mfg. Co. (Wood Fuel), Nogales, Ariz.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Braun Corporation, Los Angeles, Cal.
 Colorado Iron Works Co., Denver, Colo.
 Davis F. M. Iron Works Co., Denver, Colo.
 Denver Engineering Works Co., Denver, Colo.
 General Chemical Co. ("Herreshoff" Roasting Furnace for De-sulphurizing Ores), 25 Broad, New York
 Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
KENNEDY VAN SAUN MFG. & ENG. CORP. ("Bruckner" Batch Roasting, etc.), 120 Broadway, New York
See adv index at end of book
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Love Bros. Inc. (Roasting), Aurora, Ill.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Mecklenburg Iron Works, Charlotte, N. C.
 Mine & Smelter Supply Co. (No Calcining Furnace), 42 B'way, New York
 Moore Bros. Co., Elizabeth, N. J.
 Nichols Copper Co. ("Herreshoff" Roasting), 25 Broad, New York
 Partridge Smelter Co. (Copper Smelters, etc), Denver, Colo.
 Pittsburgh Electric Furnace Co. (Smelting), Vanadium bldg, Pittsburgh, Pa.
 Reeves Bros. Co. (Roasting, Calcining, etc.), Alliance, O.
 Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

Traylor Engineering & Mfg. Co., Allentown, Pa.

TREADWELL CONSTRUCTION CO. (Roasting, Calcining, etc.), Midland, Pa. *See adv index at end of book*
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Walker Mfg. Co. (De Sulphurizing Ores), Denver, Colo.

5123—Furnaces (Smokeless)

See also Mechanical Stokers

Brightman Furnace Co., Cleveland, O.
 Burke Furnace Co., 223 W Austin av, Chicago, Ill.
 Climax Smoke Preventer Co., 261 Franklin, Boston, Mass.
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Hawley Down Draft Furnace Co., Easton, Pa.
 Herbert Boiler Co., 140 Root, Chicago, Ill.
 Illinois Stoker Co., Alton, Ill.
 Jarvis Engineering Co., 261 Franklin, Boston, Mass.
 McKenzie Furnace Co. (Dutch Oven Magazine), Orland, Ill.
 Murphy Iron Works ("Murphy" Automatic), Detroit, Mich.
 O'Brien John Boiler Works Co. ("O'Brien-Hawley" Down-Draft), St. Louis, Mo.
 Power Specialty Co. ("Kent"), 111 B'way, New York
 Quinn & Co. ("Quinn" Flat Top), 222 E 9th, Cincinnati, O.
 Riley Sanford Stoker Co., Worcester, Mass.
 Thacher Geo. H. & Co. ("Albany" Mechanical Smokeless Furnace), Albany, N. Y.

Furnaces (Soldering)

See Furnaces, Gas Soldering; Furnaces; Gasoline Blast; also Furnaces, Kerosene; also Heaters, Soldering Iron

Furnaces (Steel Annealing)

See Furnaces, Annealing & Case Hardening

5124—*Furnaces (Steel Melting)

LEAVITT C. W. & CO. ("Girod," Electric), 34 Church, New York
See adv index at end of book
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

5125—*Furnaces (Stoker Fired)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5126—Furnaces (Sulphur)

Bethlehem Foundry & Machine Co., Front, South Bethlehem, Pa.
 Schutte & Koerting Co. (Beet Sugar or Glue, etc), 1251 N 12th, Phila., Pa.

Furnaces (Tempering)

See Furnaces, Annealing & Case Hardening

5127—Furnaces (Tinning)

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 Turner, Vaughn & Taylor, Cuyahoga Falls, Ohio

5128—Furnaces (Tire Heating)

American Gas Furnace Co., 24 John, New York, & Elizabeth, N. J.
 Best W. N., 11 B'way, New York
 Defiance Machine Works, Defiance, O.
 Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.
 Hauck Mfg. Co., 140 Cedar, New York
 MacLeod Co. (Locomotive, Street RR Car & Wagon Tire), 2227 Bogen, Cincinnati, Ohio. *See adv index at end of book*
 Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*
 Union Machine Co., 183 University av, St. Paul, Minn.
 Williams, White Co, Moline, Ill.

5129—*Furnaces (Tool Dressing)

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

5130-1—*Furnaces (Tube Brazing)

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Furnaces (Warm Air)

See Furnaces, Hot Air

5132—Furnaces (Welding)

American Shop Equipment Co. ("Aseco" Oil or Gas for Fuel), McCormick bldg, Chicago, Ill.

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.

BEACH-RUSS CO., 220 B'way, New York
See adv index at end of book

Best W. N., 11 B'way, New York

Burns Hydro Carbon Burner Co., Fort Plain, N. Y.

Flinn & Dreffein Co. (Gas & Oil), 431 S Dearborn, Chicago, Ill.

GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass.
See adv index at end of book

Hagan Geo. J. Co., People's Bank bldg, Pittsburgh, Pa.

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5133—Furnaces (Welding, Regenerative)

Hagan Geo. J. Co., People's Bank bldg, Pittsburgh, Pa.

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.

Rockwell W. S. Co., 50 Church, New York
See adv index at end of book

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

5134—Furnaces (Wire Baking & Annealing)

Best W. N., 11 B'way, New York

Hagan Geo. J. Co., People's Bank bldg, Pittsburgh, Pa.

MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book

Metals Production Equipment Co., Springfield, Mass.

Monarch Engineering & Mfg. Co. ("Steele-Harvey," "Monarch," "Simplex," "Monarch-Rockwell"), American bldg, Baltimore, Md.

Morgan Construction Co., Worcester, Mass.

ROCKWELL W. S. CO., 50 Church, New York
See adv index at end of book

Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*

Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

5135—Furnaces (Wood Burning)

See also Furnaces, Hot Air, Manufacturers

Dean Walter R., Oakham, Mass.

Hart & Crouse Co., Utica, N. Y.

International Heater Co., Utica, N. Y.

Lennox Furnace Co., Marshalltown, Ia.

Majestic Co., Huntington, Ind.

Miller Furnace Co., Grand Rapids, Mich.

Monroe Foundry & Furnace Co., Monroe, Mich.

Schill Bros. Co. (Wood or Coal), Crestline, O.

Wood & Bishop Co., Bangor, Me.

5136—Furnaces (Zinc)

KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York.
See adv index at end of book

5137—Furniture (Bamboo)

Boston Bamboo Co., 117 Portland, Boston, Mass.

Klein Bros. (Japanese) Paynstar av, Long Island City, N. Y.

Meinecke Mfg. Co., Richards, Milwaukee, Wis.

Minneapolis Bedding Co., E Henn av & S E 5th, Minneapolis, Minn.

West Branch Novelty Co., Milton, Pa.

5138—Furniture (Barbers')

Chisholm Co., 178 Centre, New York

Collins T. J. Furniture Co., Toledo, O.

5139—Furniture (Camp)

Abercrombie David T. Co., 17 Warren, New York

Bent Rung Ladder & Mfg. Co., Indiana, Pa.

Gold Medal Camp Furniture Mfg. Co. (Folding Beds, Cots, Tables, Stools, Tents, etc), Racine, Wis.

Stanley Wm. W. (Canvas Cases for Outfits), 50 Church, New York

5140—Furniture (Church & Lodge)

See also Seating, Veneer

Adams & Kelly Co., Omaha, Neb

Alexander R., 197 Island av, E, Minneapolis, Minn.

Allen-Biaredall Co., 12 Pearl, Boston, Mass.

Allen Chair Co., Concord Junction, Mass.

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.

American Seating Co. (Seating, etc), 14 E Jackson Blvd, Chicago, Ill.

Andrews A. H. Co. (Seating, etc), 115 S Wabash av, Chicago, Ill.

Bent G. W. Co. (Cushions & Kneeling Stools), 93 Causeway, Boston, Mass.

Budde & Weis Mfg. Co., Jackson, Tenn.

Carr, Ryder & Adams Co., Dubuque, Ia.

Carter-Phelps Mfg. Co., Keokuk, Ia.

Farley & Loetscher Mfg. Co. (Altars & Railings, Pulpits, Pen Bodies & Fronts), Dubuque, Ia.

Fond du Lac Church Furniture Co., Fond du Lac, Wis.

Geissler R., 56 W 8th, New York

Globe Furniture Co., Ltd., Northville, Mich.

Hackner E. Co. (Altars, Pulpits, Statuary, etc), La Crosse, Wis.

Henderson-Ames Co. (Lodge), Kalamazoo, Mich.

Huntington Seating Co., Huntington, W. Va.

Hyde-Murphy Co. (Seats, Pulpits, Pew Ends, etc), Ridgway, Pa.

Indiana Lumber & Mfg. Co., South Bend, Ind.

Kaaz Mfg. Co. (Church Only), Atchison, Kan.

Kundtz Theodor Co., Winslow & Elm, Cleveland, O.

Lamb J. & R., 25 6th av, New York

Lausberg & Macke, Louisville, Ky.

Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.

Mitchell Robert Furniture Co., 616 Race, Cincinnati, O.

Moore Mfg. Co., Springfield, Mo.

N. J. School & Church Furniture Co., Trenton, N. J.

Pratt Amasa Co., Lowell, Mass.

Readsboro Chair Co., Readsboro, Vt.

Retting Furniture Co. (Lodge Only), Grand Rapids, Mich.

Rilling J. E. & Co., 295 S Water, Milwaukee, Wis.

Rowles E. W. A., 327 S Market, Chicago, Ill.

Salisbury Wood-Working Co., Salisbury, Md.

Sanford Sash & Blind Co. (Pews), Sanford, N. C.

Shaw Furniture Co., Cambridge, Boston, Mass.

Southern Seating & Cabinet Co., Jackson, Tenn.

Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.

Standard Mfg. Co., Appleton, Wis.

Stephens Thos & Sons (Inc.), Albany, N. Y.

Thomas & Co., Worcester, Mass.

Tiffany Studios (Special Designs), 361 Madison av, New York

Tiffin Mfg. Co. (Pews, Pulpits, Altars, Altar Railings, etc), Tiffin, O.

Washington Mfg. Co., Tacoma, Wash.

Weber C. F. & Co., 365 Market, San Francisco, Cal.

5141—Furniture (Costumers')

Stephenson Co. (Pins, Wooden), South Bend, Ind.

5142—Furniture (Dental & Surgical)

American Cabinet Co., Two Rivers, Wis.

Art Metal Construction Co. (Sheet Steel), Jamestown, N. Y.

Aseptic Hospital Supply Co., 92 Fulton, Brooklyn, N. Y.

Clark & Roberts Co., Indianapolis, Ind.

Crown Metal Construction Co. (Sheet Steel), Jamestown, N. Y.

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

Harvard Co., Canton, O.

Jamestown Window Screen Co. (Sheet Metal), Jamestown, N. Y.

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.

Safety First Supply Co. (Surgical), Hartje bldg, Pittsburgh, Pa.

5142a—*Furniture (Drafting Room)

AMERICAN DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

5143—Furniture for Public Buildings

Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.

Art Metal Construction Co. (Metallic), Jamestown, N. Y.

Budde & Weis Mfg. Co., Jackson, Tenn.

Crown Metal Construction Co. (Metallic), Jamestown, N. Y.

Derby Desk Co., Somerville, Mass.

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

Duker Otto & Co., Fleet & Albemarle, Baltimore, Md.

Farley & Loetscher Mfg. Co. (Desks), Dubuque, Ia.

Fielder & Allen Co. (Dealers), Atlanta, Ga.

Fridman Lumber Co. (Office & Court House), New Richmond, O.

Grand Rapids Hand Screw Co., Grand Rapids, Mich.

Hein Furniture Co., Toledo, O.

Hospital Supply Co., 53 5th av, New York

Jamestown Window Screen Co. (Metallic), Jamestown, N. Y.

Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.

Mitchell Robert Furniture Co., 622 Race, Cincinnati, O.

Mowday David Y. (Est. of) (Leather Covered), Norristown, Pa.

Nedrow Mfg. Co., Caledonia, N. Y.

Phoenix Furniture Co. (Court House, etc), Eau Claire, Wis.

Revell A. H. & Co., 141 S Wabash av, Chicago, Ill.

Rilling J. E. & Co., 295 S Water, Milwaukee, Wis.

Southern Seating & Cabinet Co., Jackson, Tenn.

Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.

Tiffany Studios (Special Designs), 361 Madison av, New York

Watson Mfg. Co. (Steel), Jamestown, N. Y.

Wollaeger Mfg. Co., 28 Juneau av, Milwaukee, Wis.

5144—Furniture (Garden & Conservatory)

Galloway Terra Cotta Co. (Terra Cotta), 3200 Walnut, Phila., Pa.

North Shore Ferneries Co., Beverly, Mass.

Whitman Studios, 900 Oxford, Phila., Pa.

5145—Furniture (Hospital)

Art Metal Products Co., 514 S Green, Chicago, Ill.

Aseptic Hospital Supply Co., 92 Fulton, Brooklyn, N. Y.

Bernstein Mfg. Co. (Also All Kinds of Apparatus & Supplies), 3d & Westmoreland, Phila., Pa.

Betz Frank S. Co., Hammond, Ind.
 Clark & Roberts Co. (Aseptic), Indianapolis, Ind.
 Columbus Aseptic Furniture Co., Columbus, O.
 Dougherty H. D. Co. ("Faultless"), 17th & Indiana av., Phila., Pa.
 Humane Restraint Co., Madison, Wis.
 Inner-Braced Furniture Co., Elkhart, Ind.
 Reid Bros., Mission, San Francisco, Cal.
 Reid Bros. Surgical Supply Co., Seattle, Wash.
 Richardson, Wright & Co., 65 Beverly, Boston, Mass.
 Safety First Supply Co., Hartje bldg., Pittsburgh, Pa.
 Sanitary Steel Furniture Co., Grand Rapids, Mich.
 Sargent Mfg. Co., Muskegon, Mich.
 Scanlan-Morris Co., Madison, Wis.
 Simmons Co. (Beds Only), Kenosha, Wis.
 Smith & Davis Mfg. Co., 20th & Locust, St. Louis, Mo.
 Steel White Co. (Steel), Jamestown, N. Y.
 Woher Max & Son Co., 19 W 6th, Cincinnati, O.

5146—Furniture (Knocked Down)

Bockstege Furniture Co. (Tables, etc), Evansville, Ind.
 Cron L. C. & W. L. Co., Piqua, O.
 Humphrey-Widman Bookcase Co. (Bookcases), Kirby & 14th Detroit, Mich.
 Imperial Furniture Co. (Tables, etc), Grand Rapids, Mich.

5147—Furniture (Lawn & Porch)

See also Settees & Chairs, Lawn
 Crocker Chair Co. (Porch Chairs & Settees), Sheboygan, Wis.
 Fall Creek Mfg. Co., Mooresville, Ind.
 Fortier Theo. (Stone Lawn Vases), 1971 B'way, Brooklyn, N. Y.
 Gendron Wheel Co. (Porch), Toledo, O.
 Goshen Mfg. Co., Goshen, Ind.
 Heap W. & Co. (Basquette), Grand Haven, Mich.
 North Shore Ferneries Co., Beverly, Mass.
 Pratt Mfg. Co., Coldwater, Mich.
 Steinfeld Bros. (Hardwood), 116 W 32d, New York
 Sun Mfg. Co. (Also Camp), Columbus, O.

5148—Furniture (Metallic)

See also Bank & Office Fixtures, Metallic
 Andrews A. H. Co. (Chairs, Stools, Tables, etc), 115 S Wabash av., Chicago, Ill.
 Art Metal Construction Co., Jamestown, N. Y.
 Art Metal Products Co., 514 S Green, Chicago, Ill.
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.
 Budde & Weis Mfg. Co., Jackson, Tenn.
 Canton Art Metal Co., Canton, O.
 Celina Specialty Co. (Chairs, Stools, Tables, etc), Celina, O.
 Chicago Wire Chair Co. (Wire or Metal Chairs, Tables, Stools, etc), 619 N La Salle av., Chicago, Ill.
 Cleveland Metalcraft Co., Cleveland, O.
 Crown Metal Construction Co., Jamestown, N. Y.
 Dexter Metal Mfg. Co. (Office, etc), 93 Arch, Camden, N. J.
 Edwards O. M. Co. ("Omeco" Steel), Syracuse, N. Y.
 Ellsworth Mfg. Co. (Tables, Seating, etc), Toledo, O.
 Fielder & Allen Co. (Dealers), Atlanta, Ga.
 Fireproof Furniture & Constr. Co., Miami, O.
 General Fireproofing Co., Youngstown, O.
 Jamestown Window Screen Co., Jamestown, N. Y.
 Library Bureau, 43 Federal, Boston, Mass.
 Metal Office Furniture Co., Grand Rapids, Mich.
 National Safe & Lock Co. (For Express Companies), Cleveland, O.
 Penn Construction Co., Marietta, Pa.
 Royal Metal Furniture Co., 125 8th, Brooklyn, N. Y.
 Royal Metal Mfg. Co. (Weatherproof Chairs, Tables, Stools, etc), 2318 S Western av., Chicago, Ill.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
 See adv index at end of book
 Steel Fixture Mfg. Co., Topeka, Kan.

Steel Furniture Co., Grand Rapids, Mich.
 Steel White Co. (Steel), Jamestown, N. Y.
 Toledo Metal Furniture Co. ("Uhl" Art Steel, for Office Equipment, etc), Toledo, O.
 Van Dorn Iron Works, 2700 E 79th, Cleveland, O.
 Yesbera Mfg. Co. (Tables, Chairs & Stools for Stores), Toledo, O.

5149—Furniture (Post Office)

See also Bank & Office Fixtures, Metallic
 Art Metal Construction Co., Jamestown, N. Y.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Federal Equipment Co., Carlisle, Pa.
 Keyless Lock Co., Indianapolis, Ind.
 Nedrow Mfg. Co., Caledonia, N. Y.
 Standard Mfg. Co., Appleton, Wis.
 Wollaeger Mfg. Co., Milwaukee, Wis.

Furniture (Printers' Wood)

See Printers' Wood Furniture

5150—Furniture (Rattan & Reed)

Baile Basket Co., 82 Sudbury, Boston, Mass.
 Bishop & Dickinson, Baldwinville, Mass.
 Burdett Chair Mfg. Co., Keene, N. H.
 Capital Rattan Co., Indianapolis, Ind.
 Carriage & Toy Co. (Chairs & Tables), 741 W Lombard, Baltimore, Md.
 Colony L. J. (Estate of) (Rattan Chairs), Keene, N. H.
 Dickerman J. A., Gardner, Mass.
 Ehlers Robt. J. Co., 125 E 46th, New York
 Ficks Reed Co., 424 Findlay, Cincinnati, O.
 Gendron Wheel Co., Toledo, O.
 Hartshorn C. H., Gardner, Mass.
 Heywood Bros. & Wakefield Co., Gardner, Mass.
 Jansen Ed., 110 W 18th, New York
 Jenkins-Phipps Co., Wakefield, Mass.
 Kelly Bros., Gardner, Mass.
 Kurtz N. M. Rattan Co., 155 Valencia, San Francisco, Cal.
 Lattimer W. H. & Sons (Reed), Orwell, N. Y.
 Machine Parts Co. (Reed Only), Elyria, O.
 Mays Rattan Works, 3347 N Clark, Chicago, Ill.
 Minneapolis Baby Carriage Co., 1901 Nicollet av., Minneapolis, Minn.
 New England Reed Co., 11a Green, Boston, Mass.
 Omaha Reed & Rattan Co., Omaha, Neb.
 Rattan Mfg. Co., New Haven, Conn.
 Rich Bros., 221 W Pratt, Baltimore, Md.
 Ryan Rattan Chair Co., Grand Rapids, Mich.
 Theise Fred. Mfg. Co., 176 Commercial, Boston, Mass.
 Virgin J. M. & Son, Saco, Me.
 Whitney Reed Corp., Leominster, Mass.
 Ypsilanti Reed Furniture Co. (Reed), Ionia, Mich.

5151—Furniture (School)

Allen-Blaredall Co. (Portable Wood Folding), 12 Pearl, Boston, Mass.
 Allen Chair Co. (Settees, Folding Chairs, etc), Concord Junction, Mass.
 American Drafting Furniture Co. (Manual Training, Drafting & Special), 199 Railroad, Rochester, N. Y.
 See adv index at end of book
 American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
 American Seating Co. (Automatic Desks, Seats, etc), 14 E Jackson blvd., Chicago, Ill.
 Andrews A. H. Co., 115 S Wabash av., Chicago, Ill.
 Beckley-Cardy Co., 312 W Randolph, Chicago, Ill.
 Caxton School Supply Co., 560 W Monroe, Chicago, Ill.
 Cleveland Seating Co., Rose bldg., Cleveland, O.
 Columbia School Supply Co., Indianapolis, Ind.
 Grand Rapids School Equipment Co. (Manual Training Equipment), Grand Rapids, Mich.
 Haney School Furniture Co., Grand Rapids, Mich.
 Harwood's H. J. Sons (Hall & Tablet Arm Chairs), 69 Pearl, Boston, Mass.
 Heywood Bros. & Wakefield Co., Gardner, Mass.

Illinois Refrigerator Co., Morrison, Ill.
 Illinois School Furniture Co., Rockford, Ill.
 Kundtz Theodor Co., Winslow & Elm, Cleveland, O.
 Langslow, Fowler Co., Rochester, N. Y.
 Lattig-Shimer Mfg. Co. (Movable School Desks), Bethlehem, Pa.
 Manitowoc Church Furniture Co., Waukesha, Wis.
 Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.
 Moore Mfg. Co., Springfield, Mo.
 Murray L. A. & Co., Kilbourn, Wis.
 N. J. School & Church Furniture Co., Trenton, N. J.
 Peabody School Furniture Co., N Manchester, Ind.
 Peter & Volz Co., Arlington Heights, Ill.
 Readsboro Chair Co., Readsboro, Vt.
 Richmond School Furniture Co., Muncie, Ind.
 Rowles E. W. A., 327 S Market, Chicago, Ill.
 Sherwood Co., 1856 W 14th, Chicago, Ill.
 Stafford E. H. Mfg. Co., 218 So Wabash av., Chicago, Ill.
 Standard Mfg. Co., Appleton, Wis.
 Superior Seating Co., Muskegon, Mich.
 Weber C. F. & Co., 365 Market, San Francisco, Cal.
 Winnebago Furniture Mfg. Co., Fond du Lac, Wis.
 Woodruff & Edwards Co. (Desks, etc), Elgin, Ill.

5151a—*Furniture Upholstery Materials

DU PONT FABRIKOID CO. (Leather Type), Wilmington, Del.

For branch offices see adv index at end of book

5152—Furniture (Willow)

Boston Willow Furniture Co., Cambridge, Mass.
 Heywood Bros. & Wakefield Co., Gardner, Mass.
 Jenkins-Phipps Co., Wakefield, Mass.
 Klauenerg Hugo, Berkeley, Cal.
 Pahlow Reed & Willow Mfg. Co., 154 W 18th, New York
 Willow Furniture Co., 625 W 42d, New York

5153—Furring & Lathing (Iron)

Berger Mfg. Co. ("Pronglock" Furring, "Metal Lumber"), Canton, O.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 General Fireproofing Co. (Steel), Youngstown, O.
 Goldsmith Metal Lath Co. ("Shurbond"), 53 Central av., Cincinnati, O.
 McCartney R. G. Construction Co. (Steel), 622 St. Nicholas av., New York
 Voss Fred'k, 1852 Austin av., Chicago, Ill.

5154—Fuse Links.

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 Condit Electric Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
 Richards-Wilcox Mfg. Co. ("Richards" Fire Door), Aurora, Ill.
 Underwriters, Hatch Door Co. (For Fire Doors), 1741 Walnut, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
 See adv index at end of book

5155—Fuse Powder.

Du Pont, E. I. de Nemours & Co., Wilmington, Del.
 For branch offices see adv index at end of book

Fuse (Railway Signal)

See Torpedoes & Fuses, Railway Signal

5156—*Fuse (Safety)

See also Fuse, Electric

DU PONT E. I. DE NEMOURS & CO. Wilmington, Del.
 For branch offices see adv index at end of book
HERCULES POWDER CO., Wilmington, Del. See adv index at end of book

Fuse Wire

See Fuses, Enclosed, Indicating; also Fuses, Miscellaneous, Electric

5156a— *Fuselages**EMPIRE ART METAL CO., INC., THE,**
College Point, L. I., N. Y.**5157—Fuses (Enclosed, Indicating)**Baruch Elec. Controllor Co., 111 Kearny,
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port, Conn.Bussman Mfg. Co., 3819 N 23d, St. Louis,
Mo.Chelton Elec. Co., Armat & Heiskel, Phila.,
Pa.Chicago Fuse Mfg. Co. ("Union"), 1014
W Congress, Chicago, Ill.Columbia Machine Works & Malleable Iron
Co. ("N-W," Renewable & Standard),
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N. J.Conduit Electrical Mfg. Co. ("Shawmut"),
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mut Co.), 1st & L, Boston, Mass.Conn. Elec. Co., Conn. av, Bridgeport,
Conn.D & W Fuse Co. ("D & W" Cartridge or
Plug Type), Hathaway, Providence,
R. I.Daum A. F. Elec. Fuse Co., 1157 Hodgkins,
Pittsburgh, Pa.Delta-Star Electric Co. ("S. & C." High
Tension, Carbon-Tetrachloride, for all
Voltages), 2437 Fulton, Chicago, Ill.Detroit Fuse & Mfg. Co. ("Arkless"), 1400
Rivard, Detroit, Mich.Economy Fuse & Mfg. Co. ("Economy"
Renewable Cartridge Fuse), 328 W
Kinzie, Chicago, Ill.Elec. Fuseguard Co., 60 Shipman, New-
ark, N. J.Federal Sign System, 640 W Lake, Chi-
cago, Ill.**GENERAL ELECTRIC CO.,** Schenectady,
N. Y. *See adv index at end of book*Great Western Re-Fillable Fuse Co., 326
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Ideal Fuse Co., 149 2d, San Francisco, Cal.

Johns H. W.-Manville Co. ("Noark"),
Madison av & 41st, New YorkJohns-Pratt Co., The ("Noark"), Hartford,
Conn.Killmark Elec. Mfg. Co., 22d & Washing-
ton, St. Louis, Mo.Kirkman Engineering Corp. ("K. E."),
237 Lafayette, New YorkMetropolitan Engrg. Co., 35 Vesey, New
YorkMonarch Refillable Fuse Co., 147 Leslie,
Buffalo, N. Y.Multi Refillable Fuse Co., 703 Fulton, Chi-
cago, Ill.Oettinger F. W. Corp., 52 Vanderbilt av,
New YorkPacific Elec. & Mfg. Co., 827 Folsom, San
Francisco, Cal.Railway & Industrial Engrg. Co., Peoples
Bk. bldg, Pittsburgh, Pa.Schweitzer & Conrad, 1770 Berteau av,
Chicago, Ill.Sears Henry D. ("Weber" Plug), 80 Boyls-
ton, Boston, Mass.

Snow E. W. & Co., Rochester, N. Y.

Star Fuse Co., 290 Church, New York

Trumbull-Vanderpoel Elec. Mfg. Co., Ban-
tam, Conn.**WESTINGHOUSE ELECTRIC & MFG.**
CO., East Pittsburgh, Pa.
*See adv index at end of book***5158—Fuses (Miscellaneous, Elec-
tric)**Appleton Electric Co., 218 N Jefferson,
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ford, Conn.Brady Electric Mfg. Co., New Britain,
Conn.Bryant Electric Co. ("Pyrotite"), Bridge-
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Hartwig Wm. J. Co., Detroit, Mich.

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"Greer"), 525 W Van Buren, Chica-
go, Ill.Hellos Mfg. Co., Garden av Bridge,
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ford, Conn.Kirkman Engineering Corp. ("K. E."), 237
Lafayette, New YorkLafayette Electric & Mfg. Co., Lafayette,
Ind.

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Nagel-Chase Mfg. Co., 154 E Erie, Chi-
cago, Ill.Paiste H. T. Co., ("H. & L."), 3201 Arch,
Phila., Pa.Schweitzer & Conrad, Inc. (High Poten-
tial), 4431 Ravenswood av, Chicago,
Ill.

Snow E. W. & Co., Rochester, N. Y.

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East Pittsburgh, Pa.
*See adv index at end of book*Worcester Electric & Mfg. Co., Worcester,
Mass.**5159—Fuses (Refillable Cartridge)**Ackley Brake & Supply Corp. ("Mon-
arch"), 50 Church, New YorkDaum A. F. Electric Fuse Co. ("Daum"),
1157 Hodgkiss, Pittsburgh, Pa.Economy Fuse & Mfg. Co. ("Economy"),
328 W Kinzie, Chicago, Ill.Monarch Refillable Fuse Co., 147 Leslie,
Buffalo, N. Y.Multi Refillable Fuse Co., 203 Fulton, Chi-
cago, Ill.**5160—*Fuzes (Delay Action)****HERCULES POWDER CO.** ("Star"), Wil-
mington, Del.*See adv index at end of book***5161— *Fuzes (Electric)***See also Blasting Supplies***AETNA EXPLOSIVE CO., INC.** ("Lion"),
120 B'way, New York**DU PONT E. I. DE NEMOURS & CO.,** Wil-
mington, Del.*For branch offices see adv index at end of book***5162— *"Fyberoid"****WILMINGTON FIBRE SPECIALTY CO.,**
Wilmington, Del.*See adv index at end of book***5163— Gadders****INGERSOLL-RAND CO.,** 11 B'way, New
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Peoples Gas bldg, Chicago, Ill.**5164— Gaffs (Clincher)**Marble Arms & Mfg. Co. ("Marble" for
Fish from ½ to 20 lbs), Gladstone,
Mich.**5165— Gaggers**Calumet Steel Co. (Twisted Steel), 208 S
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bldg, Pittsburgh, Pa.Franklin Core Rod & Gagger Co. ("Frank-
lin" Twisted Steel for Foundrymen),
Franklin, Pa.Republic Structural Iron Works Co., E 53d
& Lakeside av, Cleveland, O.**5166— Gall Cure**

Bickmore Gall Cure Co., Old Town, Me.

5167— Galleries (Riding)*See also Carousels, Organs, Etc*Herschell, Spillman & Co., N Tonawanda,
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worth, Kans.**5168—Galvanized Ware Mfrs.**Central Stamping Co., 172 Fulton, New
YorkFederal Enameling & Stamping Co., Mc-
Kees Rocks, Pa.

Lisk Mfg. Co., Canandaigua, N. Y.

Threthaway Bros., Parsons, Pa.

5169—Galvanizing (Cold Process)Cleveland Galvanizing Works Co., Clevel-
and, O.

Gray Iron Foundry Co., Reading, Pa.

Hanson & Van Winkle Co., 269 Oliver,
Newark, N. J.Kansas City Galvanizing & Mfg. Co., Kan-
sas City, Mo.Metal Treating & Equipment Co., 252
Eagle, Brooklyn, N. Y.Pittsburgh Electro Galvanizing Co., 2624
Smallman, Pittsburgh, Pa.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Two Rivers Plating Works, Two Rivers,
Wis.United States Electro Galvanizing Co.
(Plants Installed), 280 Park av,
Brooklyn, N. Y.Wilmington Electro Plating Co., 3101 Mar-
ket, Wilmington, Del.**5170—Galvanizing (Dry Process)**Globe Machine & Stamping Co. (Sherad-
izing), 1250 W 76th, Cleveland, O.**5171— Galvanizing (Electro)**

Cheney S. & Son, Manlius, N. Y.

Fries A. G. Plating Co., 200 Terrace, Buf-
falo, N. Y.

Moyer-Shaw Mfg. Co., Detroit, Mich.

Rockford Bolt Co., 60 Mill, Chicago, Ill.

U. S. Hame Co., Buffalo, N. Y.

5172—Galvanizing (Hot Process)Abendroth & Root Mfg. Co. (One Bath,
2-ft 6 in x 4 ft 0 in x 23 ft 0 in), New-
burgh, N. Y.Brooklyn Galvanizing & Mfg. Co., 120 Lib-
erty, New YorkCincinnati Galvanizing Co., McMicken av
& Tofel, Cincinnati, O.Cramp Wm. & Sons Ship & Engine Bldg.
Co., Beach & Ball, Phila., Pa.**GEUDER, PAESCHKE & FREY CO.,** Mil-
waukee, Wis. *See adv index at end of book*Hanlon-Gregory Galvanizing Co., 24th &
A V R R, Pittsburgh, Pa.Kansas City Bolt & Nut Co. (1 Kettle 20
ft x 24", x 36" & 12½ ft x 30" x 36"),
Kansas City, Mo.Malleable Iron Fittings Co., Branford,
Conn.Moran Bolt & Nut Mfg. Co., 1st & Florida,
St. Louis, Mo.National Galvanizing Co., 1918 Carroll av,
Chicago, Ill.Pittsburgh Galvanizing Co., 26th & R. R.,
Pittsburgh, Pa.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Rogers Bros., Batavia, Ill.

SCAIFE WM. B. & SONS CO., First Natl.
Bk. bldg, Pittsburgh, Pa., & 26 Cort-
landt, New York.*See adv index at end of book*Standard Galvanizing Co., 2619 W Van-
buren, Chicago, Ill.Two Rivers Plating Works, Two Rivers,
Wis.**5173—Galvanizing Plants (Com-
plete)**Meaker Co. ("Meaker" Process), 1249 Ful-
ton, Chicago, Ill.Pittsburgh Electro Galvanizing Co., 3624
Smallman, Pittsburgh, Pa.Wilfong Millard F., Iron Works Co., 5199
Gray's av, Phila., Pa.**5174— Galvanizing Works***See also Tinning & Japanning*Abendroth & Root Mfg. Co. (For Large or
Small Work), Newburgh, N. Y.American Foundry & Mfg. Co., Frederick,
Md.American Foundry & Mfg. Co., 11th & Her-
bert, St. Louis, Mo.American Galvanizing Co., 3300 Grays
Ferry av, Phila., Pa.American Tube & Stamping Co., Bridge-
port, Conn.

Angell Nail & Chaplet Co., Cleveland, O.

Bethlehem Steel Co., So Bethlehem, Pa.

Bird Wm. E., 17 Border, Boston, Mass.

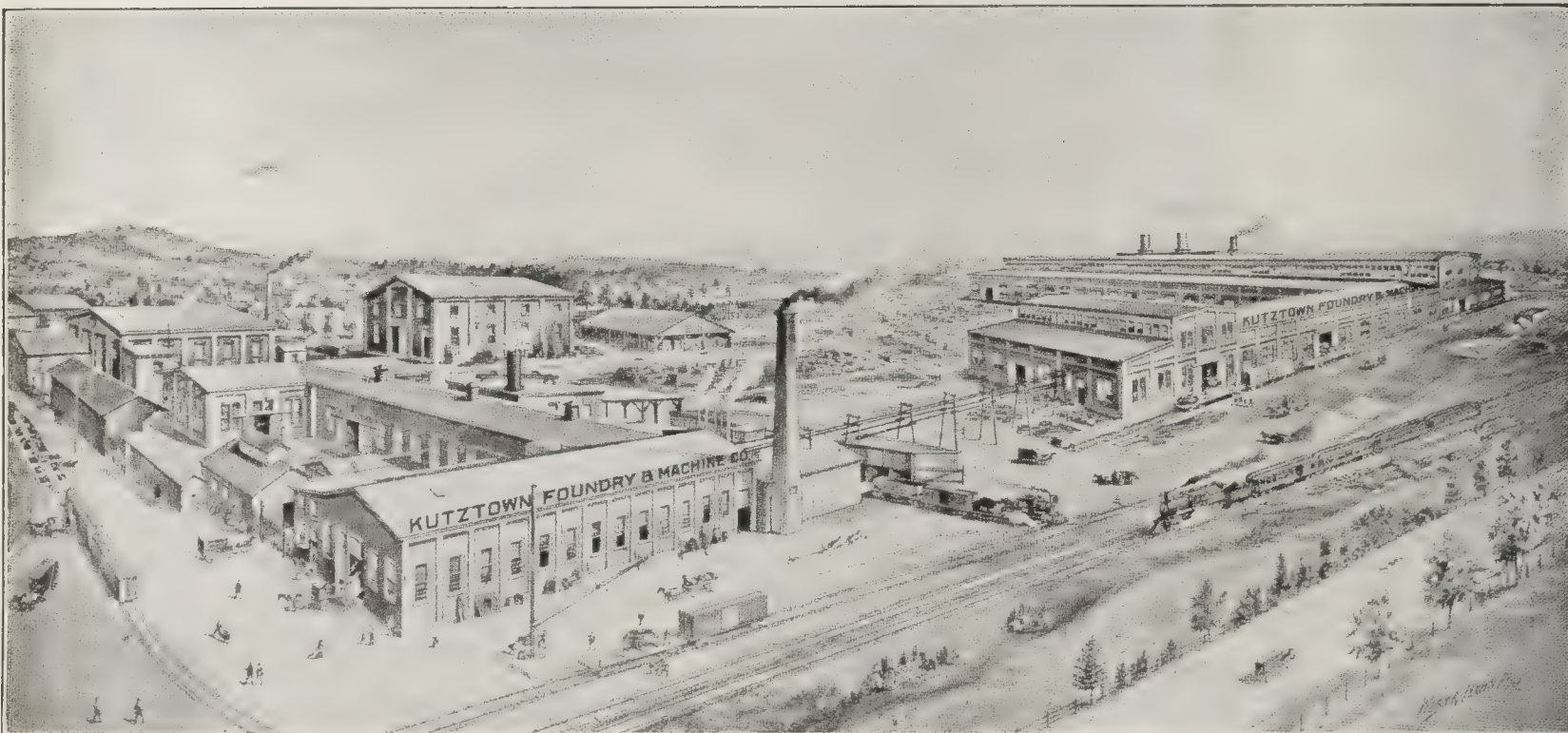
Boston Galvanizing Works, 121 W 1st,
Boston, Mass.Buffalo Galvanizing & Tinning Works
(Also Tinning), 49 Jackson, Buffalo,
N. Y.

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 Detroit Valve & Fittings Co., Wyandotte, Mich.
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 Galvanized Products Co., Phillipsburg, N. J.
 Gem Stamped Steel Co., Chelsea, Mass.
GEUDER, PAESHKE & FREY CO. (Hot Process), Milwaukee, Wis.
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 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
 Grabler Mfg. Co., Cleveland, O.
 Gregory Thomas Galvanizing Works, 263 N Henry, Brooklyn, N. Y.
 Hanlon-Gregory Galvanizing Co., 24th & A. V. R. R., Pittsburgh, Pa.
 Hassall John (Inc.), Clay & Oakland, Brooklyn, N. Y.
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 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.
 Illinois Malleable Iron Co., 1801 Diversey Blvd, Chicago, Ill.
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 Kansas City Bolt & Nut Co., Kansas City, Mo.
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 Pittsburgh Galvanizing Co., 26th & R. R., Pittsburgh, Pa.
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 Standard Galvanizing & Mfg. Co., Cleveland, O.
 Standard Plating Works, York, Pa
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 United States Electro-Galvanizing Co., 280 Park av, Brooklyn, N. Y.
 Vail Galvanizing Plant, 211 Commercial, Boston, Mass.
 Watrous Acme Mfg. Co., Des Moines, Ia.
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 Wilmington Electro Plating Co., 3101 Market, Wilmington, Del.
 Witt Cornice Co., 2118 Winchell av, Cincinnati, O.
WRIGHT WIRE CO., Worcester, Mass.
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 Wrightsville Hardware Co. (Castings, etc), Wrightsville, Pa.

5175—Galvanizing & Tinning Plants (Wire Mill)

Morgan Construction Co., Worcester, Mass.
 Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

5176—Galvano-Bronze Work

Jackson Wm. H. Company, 2 W 47th, New York
 Meyers Fred. J. Mfg. Co., Hamilton, O.
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5176a—*Galvano Ornament (Bronze)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
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5177—*Galvanometers

DU PONT E. I. DE NEMOURS & CO. ("Du Pont," Blasting Circuit Tester). (See also Blasting Supplies), Wilmington, Del.
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5178—Galvanometers & Bridges

Bunnell J. H. & Co., 32 Park pl, New York
 Century Electrical Co., Syracuse, N. Y.
 Foote, Pierson & Co. ("Delta"), 160 Duane, New York

HERCULES POWDER CO. ("Hercules," Galvanometers), Wilmington, Del.
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Knott L. E. Apparatus Co. (D'Arsonvol Type for Demonstration, also Individual), 79 Amherst, Cambridge, Mass.
 Leeds & Northrup Co. ("Kelvin," "D'Arsonvol," Galvanometers & "Kohlrausch," "Carey-Foster," "Hoopes" Bridges), Stenton av, Gtn., Phila., Pa.
 Manufacturers & Inventors Electric Co., 29 Gold, New York

Reliance Instrument Co., 1135 W Vanburen, Chicago, Ill.

Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York. Works: Bethlehem, Pa.

Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.

Weston Electrical Instrument Co., Waverly Park, Newark, N. J.
 Wilson-Maeulen Co. ("Unipivot"), 781 E 142nd, New York

5179—Gambier

Androvette & Townsend (Cube & Common), 235 Water, New York
 Bredt F. & Co., 240 Water, New York
 Carleton & Moffat (Imp), 80 Malden la, New York
 Klipstein A. & Co. (Imp), 644 Greenwich, New York
 Marden, Orth & Hastings Co., 61 B'way, New York
 Whittemore-Wright Co. (Cube), Charlestown, Boston, Mass.
 Worden Chemical Works (Imp), 4 Cedar, New York

5180—Gambrels (Hog)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5181-2-3—Gang Rippers

American Woodworking Machy Co., Rochester, N. Y.
 Garland M. Co., Bay City, Mich.
 Standard Saw Mill Machinery Co., Erie, Pa.
 Union Iron Works, Bangor, Me.
 United States Machine Co., Williamsport, Pa.

5184—Garages (Portable Fire-proof)

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 Anchor Corrugating Construction Co., 140 Washington, New York
 Baker W. J. Co., Newport, Ky.
 Baltimore Cooperage Co., cor. Hanover & Creek, Baltimore, Md.
 Butler Mfg. Co. (Steel), Kansas City, Mo.
 Candler Geo. V. Co., 1092 Jefferson av, Detroit, Mich.
 Canton Metal Ceiling Co. ("Ready-Bilt"), Canton, O.
 Chattanooga Roofing & Fdry Co., Chattanooga, Tenn.
 Columbian Steel Tank Co., Kansas City, Mo.
 Dixie Culvert & Metal Co., Atlanta, Ga.
 Duluth Corrugating & Roofing Co., Duluth, Minn.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
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 Karr Portable House Co., 2554 W Irving Pk. Blvd, Chicago, Ill.
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 Moore Mfg. Co., Waterloo, Ia.
 North Dakota Metal Culvert Co., Fargo, N. D.
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 Standard Sheet Metal Mfg. Co., Washington, Pa.
 Taylor Mfg. Co., 219 Glenridge av, Montclair, N. J.
 Trussed Concrete Steel Co., Youngstown, O.

5185—Garbage Burners (Water Heating)

Andrews Heating Co., Minneapolis, Minn.
 Herbert Boiler Co., 140 Root, Chicago, Ill.
 Illinois Malleable Iron Co., 1801 Diversey Blvd., Chicago, Ill.
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 Kewanee Boiler Co. ("Kewanee"), Kewanee, Ill.
 Prox Frank Co., Terre Haute, Ind.
 Sims Co. ("Sims" Combination), 18th & Whitley av, Erie, Pa.

5186—Garbage Disposal Plants

See also Sewage Disposal Plants
 American By-Product Mch. Co., 90 West N. Y.
 American Process Co., 68 William, New York
 American Reduction Co., 1942 Forbes, Pittsburgh, Pa.
 Atkinson-Morse Destructor Co., 584 Hudson, New York
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Domestic Laundry Equipment Corp. (Household Purposes), 228 W 26th, New York

GRISCOM-RUSSELL CO. ("Sterling" Constructors for Towns, Factories, etc.), 92 West, New York.

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Guardian Gas Appliance Co. ("Economy"), 3409 Superior, Cleveland, O.

Kerner Incinerator Co. ("Kerner" Incinerator for Residences), 596 Clinton, Milwaukee, Wis.

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McCall Incinerator Co., Memphis, Tenn.

MacLeod Co., 2227 Bogen, Cincinnati, O.

See adv index at end of book

Morse-Boulger Destructor Co., 39 Cortlandt, New York

Nightingale Co. ("Ricketts" Incinerators), 103 Park av, New York

Penna. Construction Co., Marietta, Pa.

Power Specialty Co. ("Heenan," "Destructor"), 111 B'way, New York

Prescott J. B. & Son ("Pyrofuse"), Webster, Mass.

Sanitary Appliance Co., 949 B'way, New York

Stearns S. C. & Co. ("Incinerite," Portable & Wall), 450 Oneida, Syracuse, N. Y.

5186a— Gas (Acetylene)

Air Reduction Sales Co., 120 B'way, New York

Prest-O-Lite Co., Inc. (Dissolved Acetylene), Crawfordsville rd, Indianapolis, Ind.

Searchlight Co. (Compressed), 900 S Michigan av, Chicago, Ill.

5187—Gas Analysis Apparatus

American Meter Co., 11th av & 47th, New York

Bacharach Industrial Instrument Co., 114 Wood, Pittsburgh, Pa.

Bausch & Lomb Optical Co., Rochester, N. Y.

Combustion Appliance Co. ("Hays"), 1778 Estis, Chicago, Ill.

Elmer & Amend ("Barnhart's," "Drehschmidt's," "Ruedorff's," "Reich's," "Pettersen's" & "Palmquist's"), 205 3d av, New York

Greiner Emil Co. ("Orsat," "Hempel's"), 55 Fulton, New York

Griffin John J. & Co., 1513 Race, Phila., Pa.

Pierce Wm. B. Co. ("Hays Improved"), Buffalo, N. Y.

Precision Instrument Co., Detroit, Mich.

Sarco Engineering Co. (For Analyzing & Recording, Chlorine, Sulphur Dioxide)

S. O. 2) (& Oxygen), South Ferry bldg, New York

Sargent E. H. & Co. ("Morehead's Gas-Burette" & "Wm. Brady's" Gas Filter), 125 W Lake, Chicago, Ill.

Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.

Simonds G. L. & Co. ("Hays"), 230 S La Salle, Chicago, Ill.

5188—Gas Apparatus for Fuel & Illuminating Gas

Gas Engineering Co., Trenton, N. J.

Wegner Bros., 136 Sycamore, Milwaukee, Wis.

5189— Gas Bags (Rubber)

Davidson Rubber Co., Boston, Mass.

Davol Rubber Co., 69 Point, Providence, R. I.

Goodrich B. F. Co., Akron, O.

Mattson Rubber Co., Lodl, N. J.

Mechanical Rubber Co., Cleveland, O.

Miller Rubber Co., Akron, O.

Parker-Stearns & Co. ("Alpha" Gas, Ice, etc.), 286 Sheffield av, Brooklyn, N. Y.

Peerless Rubber Mfg. Co., 31 Warren, New York

Seamless Rubber Co., New Haven, Conn.

Tyer Rubber Co. (Ice, Gas, Syringe, Water, etc.), Andover, Mass.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Gas Burners

See Burners, Acetylene Gas

5190— Gas (Carbonic Acid)

Bronx Carbonate Co., 873 E 167th, New York

Chicago Carbonic Gas Co., 904 W Superior, Chicago, Ill.

Crescent City Carbonate Co., Celeste & Religious, New Orleans, La.

General Carbonic Co., Bridge, Albany, N. Y.

Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.

Los Angeles Carbonic Co., 514 Molino, Los Angeles, Cal.

Nebraska Carbonic Acid Gas Co., 615 S 11th, Omaha, Neb.

N. Y. Carbonate Co., 104th & Park av, New York

Pacific Carbonic Gas Co., ft 6th av, Oakland, Cal.

Pure Carbonic Co., 2008 S Canal, Chicago, Ill.

Western Carbonic Gas Co., Agnew, Cal.

Western Chemical Mfg. Co. (Liquid), Denver, Colo.

5191— Gas Composimeters

Sarco Engineering Co., South Ferry bldg, New York

Uehling Instrument Co., 71 B'way, New York

Gas Fixtures

See Electric & Gas Light Fixture Manufacturers

5192—Gas Fixtures (Acetylene)

Davis Acetylene Co., Elkhart, Ind.

Struthers R. F. Co., Omaha, Neb.

5193—Gas Fixtures (Wrought Iron)

Bradley & Hubbard Mfg. Co., Meriden, Conn.

Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.

Haack Louis, 619 10th av, New York

Henry-Bonnard Bronze Co., 20 Exchange pl, New York

5194— *Gas Flow Meters

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

5195-6— Gas Holders

Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.

For branch offices see adv index at end of book

Columbiana Boiler Co., Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Cruse-Kemper Co., Ambler, Pa.

Davis & Farnum Mfg. Co., Waltham, Mass.

Delly & Fowler Mfg. Co., 39 Laurel, Phila., Pa.

Dillon D. M. Steam Boiler Works, Fitchburg, Mass.

Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Graver Wm. Tank Works, East Chicago, Ind.

Hamler Boiler & Tank Co., 3906 S Halsted, Chicago, Ill.

Hellman Boiler Works, Allentown, Pa.

PITTSBURGH-DES MOINES STEEL CO. (Steel), 4th & Ross, Pittsburgh, Pa.

See adv index at end of book

Riter-Conley Co., Pittsburgh, Pa.

Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.

Stacey Mfg. Co. (Elmwood), Cincinnati, O.

Tippett & Wood, Phillipsburg, N. J.

Western Gas Construction Co., Fort Wayne, Ind.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

5197— Gas (Oxygen)

Air Reduction Sales Co., 120 B'way, New York

American Oxhydric Co., ft 32d, Milwaukee, Wis.

American Oxygen Ass'n, 134 Eliot, Boston, Mass.

American Oxygen Co., 2d & Elm, Cincinnati, O.

Beseler Oxygen Co., 131 E 23d, New York

Bettendorf Oxygen-Hydrogen Co., Bettendorf, Ia.

Braun J. G., 609 S Paulina, Chicago, Ill.

Chicago Calcium Light Co., 178 N Green, Chicago, Ill.

Chicago Oxygen Gas Co., 1742 W Madison, Chicago, Ill.

Commercial Oxygen Co., Fountain & Washington, Baltimore, Md.

Crane Oxygen Wks, 2 W 90th, New York

French F. W. Oxygen Co., 305 26th, Oakland, Cal.

International Oxygen Co. (Also Hydrogen, "I. O. C." System), 115 B'way, New York

Linde Air Products Co., 30 E 42d, New York

Logansport Oxygen Co., Logansport, Ind.

Murray Oxygen Co., 449 W 53d, New York

National Oxygen Co., 105 W Monroe, Chicago, Ill.

Roessler & Hasslacher Chemical Co., 100 William, New York

St. Louis Oxygen Co., 2500 Montgomery, St. Louis, Mo.

Standard Oxygen Co., 216 E 42d, New York

Tariffville Oxygen & Chemical Co., Tariffville, Conn.

Universal Oxygen Co., Sheboygan, Wis.

Western Oxygen & Gas Products Co., 129 W 2d, Los Angeles, Cal.

White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.

Gas Plants Installed

See Gas Works Apparatus & Construction

Gas Portables

See Electric & Gas Light Portables

5198— Gas Producers

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

American Gas Engine Co. ("Weber" Suction), Kansas City, Mo.

Amsler Walter O. ("Amsler," Power or Hand Operated), Wabash bldg, Pittsburgh, Pa.

Backus Water Motor Co. (Suction), 172 Penna. av, Newark, N. J.

Ceramic Supply & Construction Co. ("Richardson"), Columbus, O.

Chapman Engineering Co. ("Chapman" Rotary), Mt. Vernon, O.

Clarion Gas Co., Oil City, Pa.

Coatesville Boiler Wks., Coatesville, Pa.

Columbiana Boiler Co., Columbiana, O.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Dornfeld Iron Works ("Atkinson" Suction & Pressure), Watertown, Wis.

Downingtown Iron Works, East Downingtown, Pa.

Dubois Iron Works, Dubois, Pa.

Duff Patents Co. ("Duff" & "Bradley" Patents), Frick bldg, Pittsburgh, Pa.

Flinn & Dreffein Co. (Producer Gas Plants for Fuel & Power), 431 S Dearborn, Chicago, Ill.

Foos Gas Engine Co., 800 Monroe, Springfield, O.

Galusha A. L. & Co. ("Galusha"), 11 Elkins, Boston, Mass.

Gas Machinery Co. (Bituminous & Non-Bituminous Coal), 1900 Euclid av, Cleveland, O.

GERDES T. N., 123 Liberty, New York

See adv index at end of book

Hagan Geo. J. Co., People's Bank bldg, Pittsburgh, Pa.

Hettinger Engine Co., Bridgeton, N. J.

Improved Equipment Co. ("Doherty"), 60 Wall, New York

Kemp C. M. Mfg. Co. ("Twentieth Century," "Climax," "Kemp System")

Naptha Gas Producer (for Fuel), 405 E Oliver, Baltimore, Md.

Koppers H. Co., Union Arcade, Pittsburgh, Pa.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Marshall Foundry Co., Pittsburgh, Pa.

Minneapolis Steel & Machinery Co. ("Muenzel," Suction), 29th & Drexel, Minneapolis, Minn.

Morgan Construction Co. ("Morgan Producers Gas Machine"), Worcester, Mass.

Munroe R. & Sons Mfg. Corp. (Producers Gas Pipe), 23d & Smallman, Pittsburgh, Pa.

Nelson Blower & Furnace Co. ("A. L.," "Galusha"), L. & Elkins, Boston, Mass.

Otto Gas Engine Works, 33rd & Walnut, Phila., Pa.
 Pennsylvania Gas Co., Oil City, Pa.
 Petroleum Iron Works Co., Sharon, Pa.
 Smith Gas Power Engineering Co. ("Smith"), Lexington, Richland Co., O.
 Swindell Wm. & Bros. ("Swindell," for Steel & Iron Works), Jenkins Arcade bldg, Pittsburgh, Pa.
 Syracuse Industrial Gas Co. (For Anthracite Coal, Complete Plants for Lighting & Pumping, also for Annealing, Tempering, etc.), Syracuse, N. Y.
 Toledo Metal Manufacturers Co., Toledo, O.
 United Natural Gas Co., 306 Seneca, Oil City, Pa.
 Wellman-Seaver-Morgan Co., ("Hughes" Mechanical & Hand Poked), Cleveland, O.
 Western Gas Construction Co., Ft. Wayne, Ind.

WESTINGHOUSE ELECTRIC & MFG. CO., (For Power Plants), East Pittsburgh, Pa. *See adv index at end of book*
 Wood R. D. & Co. ("Taylor" & "Mond," also Plants for Operating Gas Engines), 400 Chestnut, Phila., Pa.
 Worthington Pump & Machy. Corp. ("Loomis-Pettibone"), 115 B'way, New York

5199—Gas Producers (Water Seal)

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.
ATLAS ENGINEERING CO. (Water Seal & Mechanical), Amherst, O. *See adv index at end of book*
 Chapman Engineering Co., Mt. Vernon, O.
 Duff Patent Co., Frick bldg, Pittsburgh, Pa.
 Flinn & Drefflein Co., 431 S Dearborn, Chicago, Ill.
 Hagan Geo. J. Co., People's Bank bldg, Pittsburgh, Pa.
 Laughlin Alex. & Co., Pittsburgh, Pa.
 Miller W. R. Co., House bldg, Pittsburgh, Pa.
 Morgan Construction Co., Worcester, Mass.
 Swindell Wm. & Bros., Jenkins Arcade bldg, Pittsburgh, Pa.
 Wellman-Seaver-Morgan Co., ("Hughes" Mechanical & Hand Poked), Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.
 Worthington Pump & Machy. Corp. ("Loomis-Pettibone"), 115 B'way, New York

5200—Gas Washer, Boiler & Burner (Combined)

Weimer Machine Works Co., Lebanon, Pa.

5201—Gas Works Apparatus & Construction

See also Benches, Gas Retort; also Retorts, Gas
 Barlett Hayward Co. (Coal & Water Gas), Scott & McHenry, Baltimore, Md.

Connelly Iron Sponge & Governor Co., 227 Fulton, New York
 Gas Engineering Co., Trenton, N. J.
 Gas Machy Co., 1900 Euclid av, Cleveland, O.
 Improved Equipment Co., 60 Wall, New York
 Isbell-Porter Co., 46 Bridge, Newark, N. J.
 Lloyd Construction Co., Detroit, Mich.
 Phoenix Gas & Improvement Co. ("Jane-way"), Harrison bldg, Phila., Pa.
 Quintard Iron Works Co., 742 E 12th, New York
 Stacey Bros. Gas Construction Co., Sta. P, Cincinnati, O.
 Stacey Mfg. Co., Big 4 R. R. & Downship av, Elmwood, Cincinnati, O.
 United Gas Improvement Co., Phila., Pa.
 Western Gas Construction Co., Fort Wayne, Ind.
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Gas & Electric Light Fixture Mfrs.

See Electric & Gas Light Fixture Mfrs.

5202—Gas & Water Works Supplies

See also Cast Iron Pipe Manufacturers, Gas & Water; also Valves, Gate for Water Mains
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Barnes Mfg. Co., Mansfield, O.
 Behringer Edward A., 88 W B'way, New York
 Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.
 Cornell & Underhill, Greenwich & Spring, New York
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Drummond M. J. & Co., 51 Chambers, New York
 Fitts Frank E. Mfg. Co. & Supply Co., 88 Purchase, Boston, Mass.
 Fox Jno. & Co., 253 B'way, New York
 Gilchrist Geo. E. Co., 106 High, Boston, Mass.
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.
 Miller Chas. & Son Co., Utica, N. Y.
 Mosher Mfg. Co., Dallas, Tex.
 Mueller H. Mfg. Co., Decatur, Ill.
NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Rickersberg Brass Co. (Water Works Only), Perkins & E 37th, Cleveland, O.
 Simmons John Co., 110 Centre, New York
 Roots P. H. & F. M. Co., Connersville, Ind.
 Tay George H. Co., 599 Mission, San Francisco, Cal.
 Walworth Mfg. Co., Boston, Mass.
 Western Iron Works, 141 Beale, San Francisco, Cal.

5203—Gaskets (Aluminum)

See Gaskets, Metallic.

5204—Gaskets (Asbestos)

See also Gaskets, Corrugated Copper and Asbestos

For All Other Non-Metallic Gaskets, See Gaskets, Gum, Fibrous, etc.; also Fibre Manufacturers, Hard; also Packing Manufacturers; also Packing, Metallic
 Akron Metallic Gasket Co., 142 N. Union, Akron, O. *See adv index at end of book*
 American Asbestos Co. (Metallic), Norristown, Pa.
 Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.
 Asbestos Fibre Spinning Co. (All Kinds), North Wales, Pa.
 Asbestos & Rubber Works of America ("Asbestolith"), 58th & B'way, New York
 Asbestos & Rubber Works of N. J., Camden, N. J.
 Crandall Packing Co., 19 High, Boston, Mass.
 Franklin Mfg. Co., Franklin, Pa.
GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*
 General Asbestos Rubber Co. ("Garco," "Delta," "Semi-bronze," "Calisbestos"), Charleston, S. C.
 Gillen-Chambers Co., Portland, Ore.
 Goetze Gasket & Packing Co. ("Goetzerit"), South New Brunswick, N. J.
 Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.
 Johns H. W.-Manville Co. (Also Rubber), Madison av & 41st, New York
 Johns-Pratt Co., The ("Vulcabeston Rope" & "Vulcabeston Red Fibre" Asbestos Moulded), Hartford, Conn.
 Keasbey & Mattison Co., Ambler, Pa.
 Mechanical Rubber Co., Cleveland, O.
 Peerless Rubber Mfg. Co. ("Rain-Besto" "Peerless"), 31 Warren, New York
 Standard Mfg. & Supply Co., 30 N. 4th, Phila., Pa.
STRONG MACHINERY & SUPPLY CO. ("Strong's" Tisafine), 21 Walker, New York *See adv index at end of book*
 Vulcan Asbestos Mfg. Co. Prod. Exch., New York
 Watson H. F. Co. (Asbestos & Rubber Cloth, Metallic), Erie, Pa.
 Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

5204a—*Gaskets (Asbestos, Copper Combination)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.
See adv index at end of book

Gaskets (Asbestos Metallic)

See Gaskets, Metallic, With the Words Asbestos-Metallic Following Their Name

Gaskets (Copper)

See Gaskets, Metallic

Gaskets (Corrugated Copper)

See Gaskets, Metallic

5204b—*Gaskets (Corrugated Copper & Asbestos)

See also Gaskets (Asbestos)
U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

GASKETS! "AKRO-METAL" GASKETS

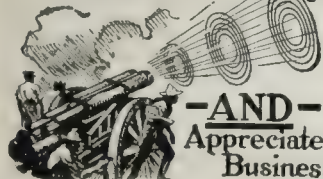
FOR SUPERHEATED-STEAM

GUARANTEED 5 YEARS OR YOUR MONEY BACK

Corrugated Copper, Steel, Monel Metal, Lead, Etc. Akron Copper Asbestos Combination Gaskets. Akronite Sheet Packing Gaskets for Gas and Gasoline Engines, Etc.

We Shoot Them to You Quick

GASKETS OF ANY METAL
 ANY SIZE OR SHAPE

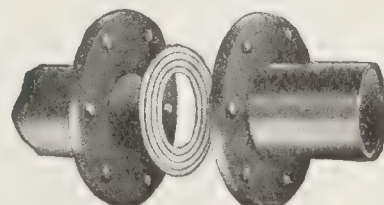


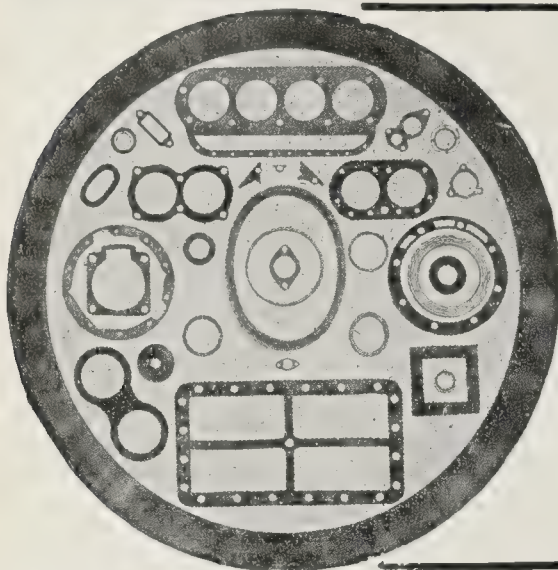
—AND— we
 Appreciate your
 Business

AKRON METALLIC GASKET CO.

142 N. Union Street

Akron, Ohio





THE GASKET SUPPLY COMPANY

GASKET SPECIALISTS

Manufacturers of "RIGHT" GASKETS, "GASCO" PACKINGS
For High Pressure and Superheated Steam, Oil, Water, Gas,
Ammonia, Air, Naphtha, etc.

There's a "RIGHT" Gasket or a "GASCO" Packing for every one of these conditions, and it may be made of Copper, Steel, Brass, Lead, Asbestos, Rubber, Paper, Fibre, Leather, Monel Metal, Bronze, Tin, Zinc, Felt, Canvas, Wood, Cork, or a combination of these depending upon work which may be required of them.

We would not attempt to say that we have one Gasket, or Packing to meet every condition but we do say with **emphasis** that we have a Gasket or Packing to meet every requirement.

We also make washers of every material—Metal Stampings, and our Punch and Die department is at your service when you need Blanking, Drawing, Forming, Piercing, Dies.

Main Office and Factory, 1927 Ludlow St., PHILADELPHIA, PA.

5205—Gaskets (Flexible Fibre)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*
Endura Mfg. Co. ("Endura" for Oil & Water), 63rd & Reading R. R., Phila., Pa.

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

5205a—*Gaskets (For Flanges, Valves & Fittings)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

5206—Gaskets (Gauge Glass)

Anchor Packing Co. ("Brooks"), Lafayette bldg, Phila., Pa.
Norwalk Mfg. Co. (Rubber), E Norwalk, Conn.
U. S. Indestructible Gasket Co., Church & Fulton, New York.
See adv index at end of book

5207—Gaskets (Gum, Fibrous, Etc.)

See also Gaskets, Asbestos; also Gaskets, Metallic, Etc.

AKRON METALLIC GASKET CO. ("Akronite" Compressed Asbestos Sheet Packing Gaskets), 142 N Union, Akron, O. *See adv index at end of book*

Anchor Packing Co. ("Anchorite," "Tauril"), Lafayette bldg, Phila., Pa.
Barwood L. J. Co. ("Barwood"), Stoneham station, Boston, Mass.
See adv index at end of book

Bay State Belting Co. (Rubber), 665 Atlantic av, Boston, Mass.

Bishop Gutta-Percha Co., 420 E 25th, New York

Booth Felt Co., Inc. (Felt), 440 19th, Brooklyn, N. Y.

Boston Belting Co. (Rubber), 84 Linden Park st, Boston, Mass.

Boston Woven Hose Rubber Co. (Rubber), Cambridge, Mass.

Brandt Randolph (Combination Rubber & Heavy Duck, High Pressure), 70 Cortlandt, New York

Brawley T. R., 85 Adams, Brooklyn, N. Y.
Burgmann Feodor (Imp.), 26 Cortlandt, New York

Canfield H. O. Co. (Rubber), Bridgeport, Conn.

Cincinnati Rubber Mfg. Co. (Rubber), Cincinnati, O.

Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.

Danubil Co. ("Danubil," "Hudsonil," "Convention," "Engineers," Asbestos Fibre), Postal Telegraph bldg, New York

Dealers Steam Packing Co., Palmyra, N. Y.
Durabla Mfg. Co. ("Durabla"), 114 Liberty, New York

Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.

See adv index at end of book

Essex Rubber Co., Trenton, N. J.

Federal Rubber Co., The (Rubber), Cudahy, Wis.

Garlock Packing Co., Palmyra, N. Y.

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

General Asbestos Rubber Co. ("Ideal" Red), Charleston, S. C.

Goetze Gasket & Packing Co. ("Goetzerit"), South New Brunswick, N. J.

Goodrich B. F. Co. (Rubber), Akron, O.

Gutta Percha & Rubber Mfg. Co. ("Pyramid Brand Bluestone," "Red Jacket" Rubber), 126 Duane, New York

Hamilton Rubber Mfg. Co. (Rubber), Trenton, N. J.

Hewitt Rubber Co., Buffalo, N. Y.

Hodgman Rubber Co. (Rubber), 8 W 40th, New York

Hollow Center Packing Co. 608 S Dearborn, Chicago, Ill.

Home Rubber Co. (Rubber), Trenton, N. J.

Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.

Jenkins Bros. ("Jenkins-96," "Jenarco"), 82 White, New York

Johnson H. Co. ("Johnson's" With Wire Insertion), ft. Gates av, Jersey City, N. J.

Knowlton Geo. W. Rubber Co. (Rubber), 60 Pearl, Boston, Mass.

Manhattan Rubber Mfg. Co. (Rubber), Passaic, N. J.

Mechanical Rubber Co. (Rubber), 73 Reade, New York

Mechanical Rubber Co. ("White Seal" Tubular Asbestos Covered Tubular, Rubber), Cleveland, O.

Mercer Rubber Co. (Rubber Cloth Insertion), Hamilton sq, N. J.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

National India Rubber Co. (Rubber), Bristol, R. I.

New Jersey Car Spring & Rubber Co. (Rubber), 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co. (Rubber), 91 Chambers, New York

New York Insulated Wire Co. (Lighting Non-Tubular Brand), 114 Liberty, New York

New York Rubber Co. (Rubber), Reade & Church, New York

Peerless Rubber Mfg. Co. ("Peerless," "C-I," "C. B. S."), 31 Warren, New York

Pennsylvania Rubber Co. ("Century," Wire Insertion, Cloth Insertion, Fibrous, Tape, Tubular, Screen Diaphragm, etc.), Jeannette, Pa.

Quaker City Rubber Co. (Rubber), 629 Market, Phila., Pa.

Republic Rubber Co. (Rubber), Youngstown, O.

Revere Rubber Co. (Cloth Insertion, Spliced or Moulded, etc), 60 High, Boston, Mass.

Schacht Rubber Mfg. Co., Huntington, Ind.

Sherman H. B. Mfg. Co. (Rubber), Battle Creek, Mich.

Simmons John Co. (All Kinds), 110 Centre, New York

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

Star Felt Cutting Co. (Felt), 260 69th, Brooklyn, N. Y.

STRONG MACHINERY & SUPPLY CO.

("Strong's Tisafine"), 21 Walker, New York *See adv index at end of book*

Thermoid Rubber Co. ("Thermoid Air Brake, etc.), Trenton, N. J.

U. S. Indestructible Gasket Co., Church & Fulton, New York

See adv index at end of book

United & Globe Rubber Mfg. Co. (Rubber), Trenton, N. J.

Victor Mfg. & Gasket Co., 1956 S Troy, Chicago, Ill.

Voorhees Rubber Mfg. Co. ("Nubian" Tubular Rubber), 18 Bostwick av., Jersey City, N. J.

Walsh Packing Co. (Combination), 304 New, Phila., Pa.

Western Rubber Co. (Rubber), Goshen, Ind.

Whitehead Bros. Rubber Co. (Rubber), Trenton, N. J.

Wilcox E. A. Mfg. Co. (Self Sealing), 6330 Stony Island av, Chicago, Ill.

5208—*Gaskets (Hard Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del.

See adv index at end of book

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.

See adv index at end of book

5209— Gaskets (Lead)

See also Gaskets, Metallic

AKRON METALLIC GASKET CO. ("Akron" Corrugated & Plain, for Boiler Manholes, Ammonia Fittings, Acid, etc), 142 N Union, Akron, O.

See adv index at end of book

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

Cleveland Galvanizing Works Co., 3924 Cooper av, Cleveland, O.

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Goetze Gasket & Packing Co. ("Goetze"), New Brunswick, N. J.

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

U. S. Indestructible Gasket Co. (& Alloys), Church & Fulton, New York

See adv index at end of book

Wilcox E. A. Mfg. Co. (Manhole), 6330 Stony Island av, Chicago, Ill.

Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

5210— Gaskets (Leather)

Barwood L. J. ("Barwood"), Stoneham station, Boston, Mass.

See adv index at end of book

Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.

Detroit Leather Specialty Co. ("Wear Well"), 275 Beecher av, Detroit, Mich.

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Graton & Knight Mfg. Co., Worcester, Mass.

Judd & Leland Mfg. Co., Clifton Springs, N. Y.
 National Leather Mfg. Co., Niles, Mich.
 Rockford Leather Washer Co., Rockford, Ill.
 Schieren Chas. A. Co., 30 Ferry, New York
 Sovereign C. E. Co., Rockford, Ill.
 U. S. Indestructible Gasket Co., Church & Fulton, New York
See adv index at end of book

5211— Gaskets (Metallic)

For Rubber Gaskets, see Gaskets, Gum, Fibrous, etc; also Gaskets, Asbestos, etc; for Fibre Gaskets, see Fibre Manufacturers, Hard

Akron Metallic Gasket Co. ("Akron" Plain & Corrugated Copper, Copper-Asbestos Combination, "Akro-Metal" Gaskets for Superheat, also Gaskets of any Metal), 142 N Union, Akron, O.
See adv index at end of book

Alberger Pump & Condenser Co., 140 Cedar, New York

American Asbestos Co. (Asbestos Metallic, Rubbed & Gaskets Without Wire), Norristown, Pa.

American District Steam Co. (Corrugated Copper), No. Tonawanda, N. Y.

Asbestos & Rubber Works of America ("Asbestos Metallic"), 58th & Broadway, New York

Asbestos & Rubber Works of N. J. (Asbestos, Copper), Camden, N. J.

Beaton & Cadwell Mfg. Co. (Corrugated Copper, Steel, Brass & Iron), New Britain, Conn.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Eureka Co. ("Eureka"), North East, Pa.

Faul & Timmins ("Asbesteel"), Buffalo, N. Y.

Fitzgerald Mfg. Co. (Asbestos, Copper), Torrington, Conn.

Flexitall Gasket Co., Camden, N. J.

Franklin Mfg. Co., Franklin, Pa.

GASKET SUPPLY CO. ("Right," Copper Lead, Brass, Steel, Bronze, Asbestos Metallic), 1927 Ludlow, Phila., Pa.

See adv index at end of book

Goetze Gasket & Packing Co. ("Goetze" Plain & Corrugated Copper, Brass, Monel, Steel, Aluminum & Pure Nickel & Phosphor Bronze), New Brunswick, N. J.

Guillott Metal Gasket & Supply Co., 24 S Clinton, Chicago, Ill.

Hill-Smith Metal Goods Co. (Copper), 88 Pearl, Boston, Mass.

Hollow Center Packing Co. (Asbestos-Metallic), 608 S Dearborn, Chicago, Ill.

Hungerford U. T. Brass & Copper Co. (Corrugated & Plain Copper, etc), 80 Lafayette, New York

Hussey C. G. & Co. (Copper), 2850 2d av, Pittsburgh, Pa.

Johns H. W.-Manville Co. "Asbestos-Metallic," "J-M Kearsage," "J-M Permantite"), Madison av & 41st, New York

McCord Mfg. Co. ("McKlim" Copper-Asbestos), Detroit, Mich.

Magee Valve Co. (Corrugated Copper, Steel, Brass & Iron), 105 Beekman, New York

Phoenix Specialty Mfg. Co. ("Merwarth," Corrugated, Asbestos, Metallic, etc), 48 Duane, New York

Simmons John Co., 110 Centre, New York

Smooth-On Mfg. Co. (Corrugated Iron), 572 Communipaw av, Jersey City, N. J.

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

Taunton-New Bedford Copper Co. (Corrugated Copper), Taunton, Mass.

U. S. Indestructible Gasket Co. (Plain & Corrugated Copper, Brass, Steel & Lead), Church & Fulton, New York

See adv index at end of book

U. S. MINERAL WOOL CO. (Corrugated Copper), 280 Madison av, New York

See adv index at end of book

Victor Mfg. & Gasket Co., 1956 S Troy, Chicago, Ill.

Watson H. F. Co. (Asbestos), Erie, Pa.

Wilcox E. A. Mfg. Co. ("Wilcox," Self-Sealing), 6330 Stony Island av, Chicago, Ill.

5211a—*Gaskets (Monel Metal)

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York

See adv index at end of book



Corrugated Metal Gaskets

With Asbestos Lining

Kinghorn Pattern Pump Valves

Ames Alloy High Pressure Sheet Packing

Oil and Acid Proof

U. S. INDESTRUCTIBLE GASKET CO.
 Fulton and Church Streets New York City

5211b—*Gaskets (Nickel)

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5212— Gaskets (Paper)

Barwood L. J. Co. ("Barwood"), Stoneham station, Boston, Mass.

See adv index at end of book

Campbell Paper Box Co., South Bend, Ind.

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Springman Paper Products Co., Detroit, Mich.

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

U. S. Indestructible Gasket Co., Church & Fulton, New York

See adv index at end of book

Gaskets (Rubber)

See Gaskets, Gum, Fibrous, Etc

5213—*Gaskets (Steel Corrugated)

AKRON METALLIC GASKET CO., 142 N Union, Akron, O.

See adv index at end of book

AMERICAN SPIRAL PIPE WORKS (Annealed), Chicago, Ill., & 50 Church, New York *See adv index at end of book*

GASKET SUPPLY CO., 1927 Ludlow, Phila., Pa. *See adv index at end of book*

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York

See adv index at end of book

5214—*Gasoline Long Distance Storage & Pumping Outfits

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York

See adv index at end of book

5215— Gasoline Refiners

American Oil Works (Ltd.), Titusville, Pa.

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.

Bayerson Oil Works, Erie, Pa.

Camp Harry E., Bradford, Pa.

Canfield Oil Co., Cleveland, O.

Central Refining Co., Laurenceville, Ill.

Clarendon Refining Co., Warren, Pa.

Consumers Refining Co., 76 W Monroe, Chicago, Ill.

Continental Refining Co., Oil City, Pa.

Cornplanter Refining Co., Warren, Pa.

Craig Oil Co., Toledo, O.

Crystal Oil Works, Oil City, Pa.

Emery Mfg. Co., Bradford, Pa.

EMPIRE OIL WORKS, Oil City, Pa.

Works: Reno, Pa.

Freedom Oil Works Co., Freedom, Pa.

Germania Refining Co., Oil City, Pa.

Great Western Oil Co., Cleveland, O.

GULF REFINING CO., Frick bldg Annex, Pittsburgh, Pa.

Independent Refining Co. (Ltd.), Oil City, Pa.

Indian Refining Co. (Automobile, Stove, etc), 44 Whitehall, New York

Louisiana Oil Refining Co., Shreveport, La.

Miller A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.

Mills C. E. Oil Co., Syracuse, N. Y.

Mutual Refining Co. (Ltd.), Warren, Pa.

National Refining Co., Cleveland, O.

Paragon Refining Co., Toledo, O.

Pennsylvania Paraffine Works, Titusville, Pa.

Pennsylvania Refining Co., Karns City, Pa.

Petroleum Products Co., 3917 Neville, Pittsburgh, Pa.

Pierce-Fordyce Oil Assn., Texas City, Tex.

Prudential Oil Corp., 17 Battery pl., New York

Pure Oil Co., Lafayette bldg, Phila., Pa.

Red "C" Oil Mfg. Co., Keyser bldg, Baltimore, Md.

Riverside Oil Co., Benedun Tress bldg, Pittsburgh, Pa.

Standard Oil Co., 72 W Adams, Chicago, Ill.

Standard Oil Co., 26 Broadway, New York

Standard Oil Co. of New York ("Socony"), 555 W 25th, New York

Sun Company, Finance bldg, Phila., Pa.

Sunlight Oil & Gasoline Co., 49th & Gray's av, Phila., Pa.

Texas Co. ("Texaco"), 17 Battery pl, New York

Tidewater Oil Co., 11 B'way, New York

Union Petroleum Co., Widener bldg, Phila., Pa.

Van Tilburg Oil Co., 2428 University av, Minneapolis, Minn.

Warren Refining Co., Warren, Pa.

WAVERLY OIL WORKS CO. (Stoves & Illuminating Automobile, Gasoline Engines, etc), Pittsburgh, Pa.

5216—Gasoline Underground Storage & Pumping Outfits

American Oil Pump & Tank Co., Cincinnati, O.

Beman Automatic Oil Can Co., Meadville, Pa.

Bowser S. F. & Co., Ft. Wayne, Ind.

Heller-Aller Co., Napoleon, O.

Kewanee Private Utilities Co., West Side, Kewanee, Ill.

Kraft A. C. ("F. C. W. & Co."), 323 W Lake, Chicago, Ill.

Meurer Steel Barrel Co., 575 Flushing av, Brooklyn, N. Y.

Milwaukee Tank Works ("Milwaukee"), 156 Clinton, Milwaukee, Wis.

Richardson-Phenix Co., 122 Reservoir av, Milwaukee, Wis.

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa., & 26 Cortland, New York

See adv index at end of book

Sexton Can Co. ("Sexton"), Boston, Mass.

Star Tank Co., Goshen, Ind.

Stephenson C. H. ("Stephenson"), Lynn, Mass.

Tokheim Mfg. Co., Cedar Rapids, Ia.

"Vac." Liquid Equipment Co. ("Vac."), Cedar Rapids, Ia.

5217—Gates (Automatic Drive)

Peters David & Son Fence & Gate Co., Homer, Ill.

St. Louis Wire & Iron Co., St. Louis, Mo.

5218— Gates (Blast)

American Blower Co., 1400 Russell, Detroit, Mich.

Banister A. W. Co., 421 Dorchester av, S Boston, Mass.

Bicalky Fan Co., Buffalo, N. Y.

Buffalo Forge Co., Buffalo, N. Y.

Clarage Fan Co., North & Porter, Kalamazoo, Mich.

Empire Blower & Pipe Co., Rochester, N. Y.

Miner & Peck Mfg. Co., New Haven, Conn.

New York Blower Co., Archer av & Canal, Chicago, Ill.

ROCKWELL W. S. CO., 50 Church, New York. *See adv index at end of book*

Sterling Blower Co., Hartford, Conn.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

See adv index at end of book

5219— Gates (Bridge)

Buda Co., Railway Exch. bldg, Chicago, Ill.

PITT WM. R. COMPOSITE IRON WORKS ("Pitt" Folding), 219 W 26th, New York. *See adv index at end of book***Gates (Bronze)**

See Gates, Ornamental Bronze & Iron

Gates (Car)

See Car Gates & Guards

5220— Gates (Coal Pocket)**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.*See adv index at end of book***Stuebner G. L. Iron Works**, Queensboro Terminal, Long Island City, N. Y.*See adv index at end of book***Union Iron Works**, Hoboken, N. J.**5221—Gates (Concrete Hopper)****Insley Mfg. Co.**, 3500 E St. Clair, Indianapolis, Ind.**Stuebner G. L. Iron Works**, Queensboro Terminal, Long Island City, N. Y.*See adv index at end of book***Gates (Driveway & Entrance)**

See Gates, Ornamental Bronze & Iron; also Gates, Farm

5222— Gates (Farm)**Adams E. B. & Son**, Racine, Wis.**Adrian Wire Fence Co.**, Adrian, Mich.**AMERICAN STEEL & WIRE CO.** ("American" Steel), 208 S La Salle, Chicago, Ill.*See adv index at end of book***Automatic Pivot Gate Co.** ("Guth" Automatic Pivot), Waverly, O.**Bayley Wm. Co.**, Springfield, O.**Cyclone Fence Co.** ("Cyclone," Tubular Steel), Waukegan, Ill.**Dwiggins Wire Fence Co.**, Anderson, Ind.**Enterprise Iron Works**, Indianapolis, Ind.**Eureka Fence Mfg. Co.**, Richmond, Ind.**Excelsior Fence Co.**, Spokane, Wash.**Frost Superior Fence Co.**, Cleveland, O.**Gade Bros. Mfg. Co.** ("Gade"), Iowa Falls, Ia.**Gade C. L.**, Iowa Falls, Ia.**Glor Bros. & Willis Mfg. Co.** ("New Modern"), Attica, N. Y.**Iowa Gate Co.**, Cedar Falls, Ia.**Jackson Fence Co.**, Jackson, Mich.**Keystone Steel & Wire Co.**, Peoria, Ill.**Kokomo Fence Mach. Co.** (Steel), Kokomo, Ind.**Kokomo Steel & Wire Co.** ("Diamond"), Kokomo, Ind.**Mason Fence Co.** ("Champion"), Leeburg, O.**Mesker Bros. Iron Co.**, 421 S 6th, St. Louis, Mo.**Moyer Mfg. Co.** (Automatic), Montevideo, Minn.**Pence Wm. H.**, Fairfield, Ia.**Portable Elevator Mfg. Co.** (White Steel), Bloomington, Ill.**Rowe Mfg. Co.** ("Can't Sag"), Galesburg, Ill.**Sheer E.** (Self-Closing), Lincoln, Ill.**St. Louis Wire & Iron Co.**, St. Louis, Mo.**Silo Specialty Mfg. Co.** (Steel), Clinton, Ia.**Spring Steel Fence & Wire Co.**, Anderson, Ind.**Verdeckberg Iron & Wire Works Co.** (Farm Only), 1401 Market, Denver, Colo.**Warner Fence Co.**, Ottawa, Kan.**Western Steel & Iron Works** (Steel), De Pere, Wis.**5223— Gates (Ferry Boat)****PITT WM. R. COMPOSITE IRON WORKS**("Pitt" Folding), 219 W 26th, New York *See adv index at end of book***5224— Gates (Folding)****A. B. C. Elevator Gate Co.**, 145 W 18th, New York**Barnum E. T.**, Wire & Iron Works, 864 Woodward, Detroit, Mich.**Belmont Iron Works** (Steel), 22d & Washington av, Phila., Pa.**Buffalo Wire Works Co.** (Collapsible), 453 Terrace, Buffalo, N. Y.*See adv index at end of book***California Artistic Metal & Wire Co.**, 349 7th, San Francisco, Cal.**Carriage & Toy Co.** (Porch & Stair, Wood, 741 W Lombard, Baltimore, Md.**Cincinnati Mfg. Co.**, Cincinnati, O.*See adv index at end of book***Columbia Iron & Wire Works Co.**, Canton, O.**Halsted Joseph Co.**, 1233 W Randolph, Chicago, Ill.**Howard & Morse**, 46 Fulton, New York**Kleeman L. F. Mfg. Co.**, 1923 Central, Kansas City, Mo.**Lasar Ornamental Iron Co.**, 16th & O'Fallon, St. Louis, Mo.**Loewer John E.** Structural Steel, Wire & Iron Works, Kansas City, Mo.**Mesker Bros. Iron Co.**, 421 S 6th, St. Louis, Mo.**MEYERS FRED. J. MFG. CO.**, Hamilton, O.*See adv index at end of book***Norfolk Iron & Wire Works**, Norfolk, Va.**Perkins Mfg. Co.**, University & Fairview avs, St. Paul, Minn.*See adv index at end of book***PITT WM. R. COMPOSITE IRON WORKS** ("Pitt-Bostwick"), 219 W 26th, New York *See adv index at end of book***Plocher Andrew Sons Co.**, Dayton, O.**Remppis Wm. F. Co.**, 226 Spruce, Reading, Pa., & 18th & Filbert, Phila., Pa.**Richmond Safety Gate Co.**, Richmond, Ind.**St. Louis Car Co.** (Car), 8000 N B'way, St. Louis, Mo.**St. Louis Wire & Iron Co.**, St. Louis, Mo.**Schreiber L. & Sons Co.**, 3869 Ivanhoe, Cincinnati, O.**Smith F. P. Wire & Iron Works**, Lake & Dearborn, Chicago, Ill.*See adv index at end of book***Smith John P. & Co.**, New Haven, Conn.**Standard Iron & Wire Works**, Chattanooga, Tenn.**Standard-Tyler Co.** (Collapsible), 2436 W 15th, Chicago, Ill.**TYLER W. S. CO.** (Collapsible), Cleveland, O., & 200 5th av, New York*See adv index at end of book***Van Dorn Iron Works Co.**, 2700 E 79th, Cleveland, O.**Verdeckberg Iron & Wire Co.**, 1401 Market, Denver, Colo.**WRIGHT WIRE CO.**, Worcester, Mass.*See adv index at end of book***Gates (Hatch, Automatic)**

See Elevator Gates, Automatic

5225— Gates (Lock)**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book***Independent Bridge Co.**, 829 Beaver av, Pittsburgh, Pa.**Penn Bridge Co.** (Steel), Beaver Falls, Pa.**5226— Gates (Molasses)****Cheney S. & Son**, Manlius, N. Y.**Enterprise Mfg. Co. of Pa.**, 3rd & Dauphin, Phila., Pa.**Kraft A. C.**, 323 W Lake, Chicago, Ill.**McNab & Harlin Mfg. Co.**, 55 John, New York**Multiplex Faucet Co.** (Brass), St. Louis, Mo.**Rauch Mfg. Co.**, Galena, Kan.**Scoville E. U. Co.** ("Perfection"), Manlius, N. Y.**Sommer John Faucet Co.** ("Perfection"), 355 Central av, Newark, N. J.**Stearns E. C. & Co.** ("Scovilles" Patent), 450 Oneida, Syracuse, N. Y.**Taylor & Boggis Foundry Co.** ("Stebbins"), Cleveland, O.**Weller Hardware & Foundry Co.** ("Stebbins"), Horseheads, N. Y.**5227— Gates (Ore Bin)****ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book***Clark W. J. Co.**, Salem, O.**Handy Joshua Iron Works**, 75 Fremont, San Francisco, Cal.**KENNEDY VAN SAUN MFG. & ENG. CORP.** (Self-Closing & Rack & Pinion), 120 Broadway, New York*See adv index at end of book***LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.*See adv index at end of book***Stephens-Adamson Mfg. Co.** ("S-A"), Aurora, Ill.**Stuebner G. L. Iron Works**, Queensboro Terminal, Long Island City, N. Y.*See adv index at end of book***Union Iron Works Co.**, 20th & Michigan, San Francisco, Cal.**United Iron Works Co.**, Springfield, Mo.**Worthington Pump & Machy. Corp.**, 115 B'way, New York**5228— Gates (Ore & Oil)****Rauch Mfg. Co.** (For Mines), Galena, Kan.

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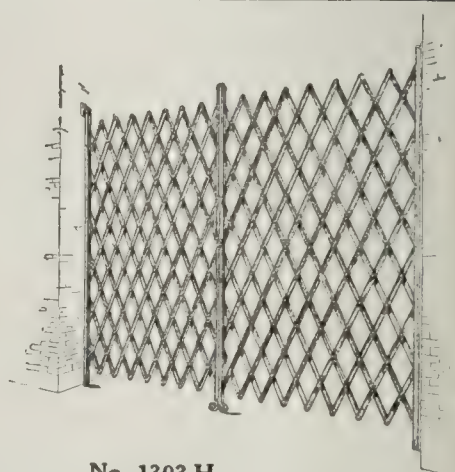
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No. 1303 H

5229—Gates (Ornamental Bronze & Iron)

See also Bronze, Architectural, etc.

Also Iron, Architectural & Ornamental
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
 Anchor Post Iron Works, 19 Cortlandt, New York
 Bayer-Rothgeb Co., Los Angeles, Cal.
 Bayley Wm. Co., Springfield, O.
 Belmont Iron Works, 22d & Washington av, Phila., Pa.
 Biddle-Gaumer Co., 3846 Lancaster av, Philadelphia, Pa.
 Bigelow Cheney Wire Works, Springfield, Mass.
 Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
 Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
 Braun J. G., 609 S Paulina, Chicago, Ill.
 Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
 Burkhardt John, 531 W 55th, New York
 Camden Iron Works, Salem, Va.
 Champion Iron Co., Kenton, O.
 Chesapeake Iron Works, Westport, Baltimore, Md.
 Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
 Coleman Adelbert E., 336 N 37th, Chicago, Ill.
 Cornell Iron Works, 26th & 11th av, New York
 Creswell S. J. Iron Works, 23d & Cherry, Phila., Pa.
 Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
 Detroit Mausoleum Equipment Works, Detroit, Mich.
 Enterprise Iron Works, Indianapolis, Ind.
 Fiske J. W. Iron Works, 80 Park pl, New York
 Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.
 Gerdes & Co., 42 Church, New York
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 63th, New York. Works: Providence, R. I. *See adv index at end of book*
 Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
 Hassell Iron Works Co., Colorado Springs, Colo.
 Heath-Johnson Co., 300 W Ontario, Chicago, Ill.
 Hennecke C. Co., 1353 N. Pierce, Milwaukee, Wis.
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Herzog Iron Works, St. Paul, Minn.
 Howard & Morse, 46 Fulton, New York
 Huntington Iron Works, Huntington, W Va.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Jackson Wm. H. Company, 2 W 47th, New York
 Lafayette Fence Works, Lafayette, Ind.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Loewer John E., Structural Steel, Wire & Iron Works, Kansas City, Mo.
 Meier-Wise Co., Ft. Wayne, Ind.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
 Midland Metal Co., 21st & Jeff'n, Phila., Pa.
 Milliken Bros., 111 B'way, New York
 Mott J. L. Iron Works, Trenton, N. J.
 Mugler's Iron Works, 841 E 136th, New York
 Oak Hill Marble Works, Birmingham, Ala.
 Omaha Safe & Iron Works, Omaha, Neb.
 Pettler Wire Products Co., Beaver Falls, Pa.
PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York
See adv index at end of book
 Plocher Andrew Sons Co., Dayton, O.
 Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.
 Richey, Browne & Donald, Flushing av, Maspeth, Boro. of Queens, New York City
 Richmond Structural Steel Co., Richmond, Va.

Roanoke Iron Works, Roanoke, Va.
 St. Louis Wire & Iron Co., St. Louis, Mo.
 Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
 Southwest Wire & Iron Wks. Co., Kansas City, Mo.
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
 Stewart Iron Works Co., Cincinnati, O.
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
 Tiffany Studios, 361 Madison av, New York
TYLER W. S. CO., Cleveland, O. & 200 5th av, New York.
See adv index at end of book
 Union Foundry Works, 38 S Dearborn, Chicago, Ill.
 United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
 Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
 Verdeckberg Iron & Wire Works Co., 1401 Market, Denver, Colo.
 Vilsack Martin Co., 3222 Penn av, Pittsburgh, Pa.
 Vulcan Co., 11 Raynor, Detroit, Mich.
 Wells Architectural Iron Co., River av & 151st, New York
 West Side Structural Co., Troy, N. Y.
 Williams Jno., Inc., 556 W 27th, New York
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.
 Wisconsin Iron & Wire Wks., Milwaukee, Wis.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5230—Gates (Railway Crossing)

See also Signals, Railway Crossing

Buda Co. (Pneumatic & Electric Crank & Lever), Railway Exchange bldg, Chicago, Ill.
 Cook Railway Signal Co., Denver, Col.
 Kalamazoo Railway Supply Co. ("Wilson"), Kalamazoo, Mich.
 Keystone Steel & Wire Co., Peoria, Ill.
 Pneumatic Gate Co. ("Elliott" Pneumatic), 1921 S Fairfield av, Chicago, Ill.

5231—Gates (Safety)

See Elevator Gates, Automatic

5232—Gates (Sewer, Back Water)

Edwardsville Brass Co., Edwardsville, Ill.

5233—Gates (Shear)

Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

5234—Gates (Sluice)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
 Coffin Valve Co., Neponset, Boston, Mass.
 Coldwell-Wilcox Co. (Also Pivot), Newburgh, N. Y.
 Columbian Iron Works, Chattanooga, Tenn.
 Eddy Valve Co., Waterford, N. Y.
 Fox Jno. & Co., 253 B'way, New York
 Kennedy Valve Mfg. Co., Elmira, N. Y.
 Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal. & 90 West, New York
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
 Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
 Wood R. D. & Co. (Intake & Screens), 400 Chestnut, Philadelphia, Pa.

5235—Gates (Steel)

AMERICAN STEEL & WIRE CO. ("American," Walk & Single & Double Drive), 208 S La Salle, Chicago, Ill. *See adv index at end of book*
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 National Steel Products Co., East Moline, Ill.

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book

5236—Gates (Steel Picket)

See Fences, Iron & Steel Picket

5237—Gates (Storage Bin)

Insley Mfg. Co. (Concrete), 3500 E St. Clair, Indianapolis, Ind.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Ransome Concrete Machinery Co. (For Sand, Stone & Concrete), Dunellen, N. J.
 Stuebner G. L. Iron Works (For Coal, Sand Stone & Concrete), Queensboro Terminal, Long Island City, N. Y.
See adv index at end of book

5238—Gates (Water)

See Gates, Sluice

5239—*Gates & Guards (Bronze Folding)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick" Patents), 219 W 26th, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

5239a—*Gates & Railings

GORHAM CO., ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5240—Gauge Glass Preservers

Morse R. F. ("Gilbert's" Self Packing), 86 Weybosset, Providence, R. I.

5241—Gauge Glass Protectors

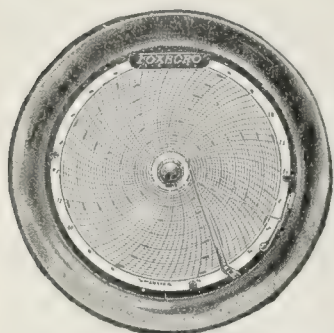
Ashcroft Mfg. Co., 119 W. 40th, New York
 Dunn's Service ("Leonhart"), 608 S Dearborn, Chicago, Ill.
 Gardner Gate Co. ("Igard" Shield & Reflector), 21 Burgess, Boston, Mass.
 Sargent Co. ("Ironclad"), Fisher bldg, Chicago, Ill.

5242—Gauge Glass Reflectors

Reordway Mfg. & Sales Co., Marquette bldg, Chicago, Ill.

5243—Gauge Glass Washers

Boston Belting Co., 84 Linden Park, Boston, Mass.
 Canfield H. O. Co., Bridgeport, Conn.
 Cincinnati Rubber Mfg. Co., Cincinnati, O.
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
 General Asbestos Rubber Co., Charleston, S. C.
 Goodrich B. F. Co., Akron, O.
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
 Home Rubber Co. Trenton, N. J.
 Jenkins Bros., 82 White, New York
 Judd & Leland Mfg. Co., Clifton Springs, N. Y.
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Mattson Rubber Co., Lodi, N. J.
 Mechanical Rubber Co., 307 W Randolph, Chicago, Ill.
 Mechanical Rubber Co., Cleveland, O.
 National India Rubber Co., Bristol, R. I.
 N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York
 New York Rubber Co., Reade & Church, New York
 Peerless Rubber Mfg. Co., 31 Warren, New York
 Pennsylvania Rubber Co., Jeannette, Pa.
 Quaker City Rubber Co. (Rubber), 629 Market, Phila., Pa.
 Revere Rubber Co., 60 High, Boston, Mass.



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TRADE MARK

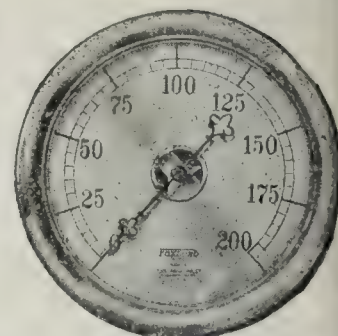
Made to meet the demand for high-grade instruments to measure full vacuum and any pressure up to 20,000 lbs. per sq. in. "Foxboro" Recording Instruments have more new improvements than any other make. *Let our Bulletins No. BP-98 and No. BP-115 convince you.*

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Philadelphia St. Louis Birmingham
 Peacock Bros., Montreal



Rogers H. A. Co. ("Perfected"), 87 Walker, New York
 Schacht Rubber Mfg. Co., Huntington, Ind.
 Thermoid Rubber Co., Trenton, N. J.
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
 Whitehead Bros. Rubber Co., Trenton, N. J.

5244— Gauge Glasses

Advance Packing & Supply Co. ("Firma"), 11 N Franklin, Chicago, Ill.
 Bache, Semon & Co. (Impr, "Maltese Cross," "Eureka" Scotch), 636 Greenwich, New York
 Belfield H. Co. (Red Reflecting Imp.), 435 N Broad, Phila., Pa.
 Buckeye Iron & Brass Works (Scotch), Dayton, O.
 Chesterton A. W. Co. ("McGregor," "Sonderglass," "Rhenag"), 64 India, Boston, Mass.
 Corning Glass Works ("Noglar," "Nonex" Headlight Front, Gauge & Colored Standard Signal Glasses), Corning, N. Y.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

DIAMOND SPECIALTY & SUPPLY CO. ("Jena," "Diamond Special"), Harrison bldg, Phila., Pa.

Hill Pump Valve Co. ("Hill") Archer av, Canal & 23d, Chicago, Ill.

JERGUSON GAGE & VALVE CO. ("Reflex," "Klinger," "Jerguson"), 88 Broad, Boston, Mass.

Keating E. F. Co. ("Montrose"), 446 Water, New York

Loneragan J. E. Co. ("Thistle"), 211 Race, Phila., Pa.

Lovell F. H. & Co. ("Bishop's"), Arlington, N. J.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book
 Patterson-Allen Engineering Co., 2 Rector, New York

Powell Wm. Co., Cincinnati, O.
 Rogers H. A. Co. (Moncrieff "Perth," Moncrieff "Unific," Moncrieff "Red Line," Moncrieff "Scotch"), 87 Walker, New York

SCHAEFFER & BUDENBERG MFG. CO. ("Resisto," Compound of Jena Glass), Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book
 Staniford J. W. & Co., 40 Hanover, Boston, Mass.

Star Brass Mfg. Co. (Scotch Gauge Glasses), 108 E Dedham, Boston, Mass.

Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.

5245— Gauge Standards

Schuchardt & Schutte, 90 West, New York

5246—*Gauge Testing Apparatus

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

5247— Gauges (Air)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.

Ashcroft Mfg. Co., 119 W 40th, New York
 Ashton Valve Co., 161 First, Cambridge, Mass.

Garrison Brass & Machine Works, 149 W 35th, New York

Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.

Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

Gauges (Air Brake)

See Gauges, Steam

5248— Gauges (Alarm)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.

Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York

Ashton Valve Co. ("Ideal"), 161 First, Cambridge, Mass.

BRISTOL CO. ("Bristol's Recording & Alarm), Waterbury, Conn., & 114 Liberty, New York

See adv index at end of book
 Du Vivier Ernest H., 30 Church, New York

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book
 Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.

Melvin M. G. Co. ("Melco"), 116 Liberty, New York

U. S. Gauge Co., 67 Wall, New York

Gauges (Altitude)

See Gauges, Steam

Gauges (Ammonia)

See Gauges, Steam

5249— Gauges (Automobile)

See also Gauges, Air

Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York

Ashton Valve Co., 161 First, Cambridge, Mass.

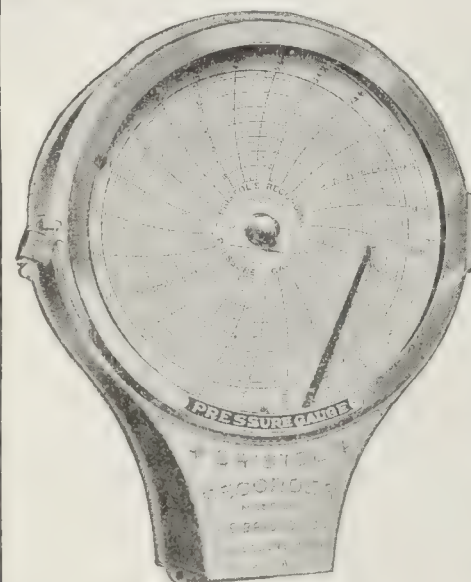
Azadian Gauge Mfg. Co. (Pump), Syracuse, N. Y.

Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

See adv index at end of book
GREENFIELD TAP & DIE CORP'N ("G. T. D."), Greenfield, Mass.

See adv index at end of book



TRADE MARK **BRISTOL'S** REG. U. S. PAT. OFFICE. **RECORDING GAUGES**

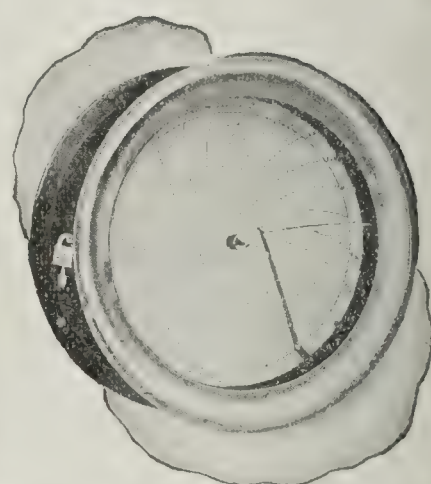
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Are unique in their extreme simplicity of construction. For use with 12", 10", 8", and 6" charts. For recording pressures of steam, air, gas and other liquids. More than forty thousand Bristol Gauges have been sold. Write for Catalog U-1001.

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Improved Gauge Mfg. Co. ("Pressurite"),
320 West Water, Syracuse, N. Y.
Marsh Jas. P. & Co., 118 S Clinton, Chi-
cago, Ill.
Rochester Mfg. Co., Brighton Station, Ro-
chester, N. Y.
Star Brass Mfg. Co. ("Star"), 108 E Ded-
ham, Boston, Mass.

5250— Gauges (Axle)

**Badger State Machine Co. ("Wills" Auto-
matic),** Janesville, Wis.

Gauges (Bar Iron Limit)

See Gauges, Limit

5251— Gauges (Barrel)

Hydraulic Press Mfg. Co., Mount Gilead, O.

Gauges (Battery)

See Ammeters & Voltmeters

5252— *Gauges (Bench)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5253— Gauges (Bit, Auger)

Bonney Vise & Tool Works ("Garrett's")
Auger Bit, Allentown, Pa.
See adv index at end of book

Cincinnati Tool Co. ("Hargrave"), Nor-
wood, Cincinnati, O.
See adv index at end of book

Millers Falls Co., 28 Warren, New York
Stanley Rule & Level Co., New Britain,
Conn.

Stearns E. C. & Co., 450 S Oneida, Syra-
cuse, N. Y.

Syracuse Twist Drill Co. ("Syracuse"),
Borden av, Syracuse, N. Y.
See adv index at end of book

Gauges (Blast)

See Gauges, Steam

5254—Gauges (Blood Pressure)

Tagliabue C. J. Mfg. Co., 183 3d, Brook-
lyn, N. Y.
Taylor Instrument Companies ("Tycos"),
Rochester, N. Y.
See adv index at end of book

Gauges (Boiler Plate)

See Gauges, Rolling Mill

Gauges (Bourdon Pressure)

See Gauges, Steam

5255— Gauges (Butt)

Buckeye Saw Vise Co., 2046 W 55th, Cleve-
land, O.

Goodell-Pratt Co. (Comb.), Greenfield
Mass.

Stanley Rule & Level Co. (Metallic), New
Britain, Conn.

Stearns E. C. & Co., 450 Oneida, Syracuse,
N. Y.

Williams William Jr. ("Reeves"), New
Britain, Conn.

5256— Gauges (Button)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5257—Gauges (Cabinet Makers')

Redin, Ekstrom & Co., Rockford, Ill.

5258— Gauges (Caliper)

Brown & Sharpe Mfg. Co., Providence,
R. I. *See adv index at end of book*

**Morse Twist Drill & Machine Co. (Adjust-
able),** New Bedford, Mass.

Pratt & Whitney Co., Hartford, Conn.

Rogers Jno. M. Wks., Gloucester City, N. J.

Sawyer Tool Mfg. Co., Ashburnham, Mass.

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

Williams J. H. & Co. ("Vulcan") Drop
Forged, Unfinished, 156 Hamilton av,
Brooklyn, N. Y.

5259— Gauges (Carpenters')

Caldwell Mfg. Co. ("Handy" Rule Gauge),
8 Jones, Rochester, N. Y.

Chapin-Stephens Co., Pine Meadow, Conn.

Disston Henry & Sons, Tacony, Phila., Pa.

Gage Tool Co. ("Gage," Wheel Marking),
Vineland, N. J.

**Goodell-Pratt Co. (Roller, Single, Double &
Triple Beam),** Greenfield, Mass.

Sandusky Tool Co., Sandusky, O.

Stanley Rule & Level Co., New Britain,
Conn.

Winsted Edge Tool Works, Winsted, Conn.

5260— Gauges (Center)

Athol Machine Co., Athol, Mass.

Brown & Sharpe Mfg. Co., Providence,
R. I.

Disston Henry & Sons, Tacony, Phila., Pa.

Goodell-Pratt Co., Greenfield, Mass.

Sawyer Tool Mfg. Co., Ashburnham, Mass.

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5261— Gauges (Chamferer)

Adell Mfg. Co., Orange, Mass.
Bullock Mfg. Associates, Springfield, Mass.
Goodell-Pratt Co., Greenfield, Mass.
**Swan James Co. ("Swan's" Drawing
Knife),** Seymour, Conn.

5262— *Gauges (Chemical)

SCHAEFFER & BUDENBERG MFG. CO.,
Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5263—Gauges (Circumference)

Pratt & Whitney Co. (Car Wheel), Hart-
ford, Conn.

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5264— Gauges (Clapboard)

Stearns E. C. & Co., 450 Oneida, Syra-
cuse, N. Y.

5265—Gauges (Combination, Re- cording Pressure & Vacuum)

BRISTOL CO. ("Bristol's"), Waterbury,
Conn. *See adv index at end of book*

**FOXBORO COMPANY, THE, Succeeding
Industrial Instrument Co. ("Foxboro"),**
Foxboro, Mass.
See adv index at end of book

5266—*Gauges (Combination, Wa- ter Pressure)

**FOXBORO COMPANY, THE, Succeeding
Industrial Instrument Co. ("Foxboro")**
Foxboro, Mass.
See adv index at end of book

LUNKENHEIMER CO. ("Monitor"), Ex-
ecutive Offices & Factories: Beekman
& Waverly, Cincinnati, O.
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SCHAEFFER & BUDENBERG MFG. CO.,
Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5267—*Gauges (Compound, Pres- sure & Vacuum)

**FOXBORO COMPANY, THE, Succeeding
Industrial Instrument Co. ("Foxboro")**
Foxboro, Mass.
See adv index at end of book

SCHAEFFER & BUDENBERG MFG. CO.,
Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

"COLUMBIA" RECORDING



GAUGES

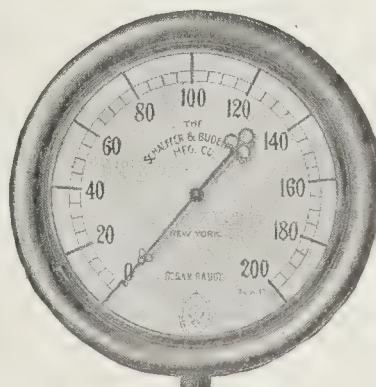
OUR line of Pressure, Vacuum and Draft
Gauges is most complete embodying a type of
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Schaeffer & Budenberg Indicating



S & B

5268—Gauges (Compression)

Du Vivier Ernest H., 30 Church, New York
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

See adv index at end of book

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

5269— Gauges (Cutting)

Chapin-Stephens Co., Pine Meadow, Conn.
 Stanley Rule & Level Co., New Britain, Conn.

5270— Gauges (Cylindrical)

Brown & Sharpe Mfg. Co., Providence, R. I.

Cannon T. J. & Sons Machine Co., Lynn, Mass.

GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.

See adv index at end of book

Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.

Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.

Rogers Jno. M. Works, Gloucester City, N. J.

5271— Gauges (Decimal)

Pratt & Whitney Co., Hartford, Conn.

5272— *Gauges (Depth)

STARRETT L. S. CO., Athol, Mass.

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5273—Gauges (Depth & Surface)

Athol Machine Co. (Graduated), Athol, Mass.

Brown & Sharpe Mfg. Co., Providence, R. I.

Goodell-Pratt Co., Greenfield, Mass.

Hjorth Lathe & Tool Co., 27 School, Boston, Mass.

Hoffecker Co., 222 Elliot, Boston, Mass.

Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.

Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.

New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.

See adv index at end of book

Sandow Tool Co., 570 W B'way, New York

Sawyer Tool Mfg. Co., Ashburnham, Mass.

Slocumb J. T. Co., 35 Oxford, Providence, R. I.

Swan James Co., Seymour, Conn.

Waltham Micrometer Dial Gauge Co. ("Randall & Stickney," Depth), 248 Ash, Waltham, Mass.

Willeming Mfg. Co., Inc., 181 Eddy, Providence, R. I.

5274—*Gauges (Differential Recording)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

See adv index at end of book

Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

5275— Gauges (Draft)

American Safety Lamp & Mine Supply Co. ("Westover"), Scranton, Pa.

Bacharach Industrial Instrument Co., 114 Wood, Pittsburgh, Pa.

Defender Automatic Regulator Co., Oriel bldg, St. Louis, Mo.

Ellison Lewis M. ("Ellison," Differential), 214 W Kenzie, Chicago, Ill.

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

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McNab Co. ("McNab" Steamship), Bridgeport, Conn.

National Gauge Co., 300 Pacific, Brooklyn, N. Y.

Pierce Wm. B. Co., Buffalo, N. Y.

Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.

Sargent Steam Meter Co. ("Sargent," for Pressure or Vacuum), 1902 N California, Chicago, Ill.

SCHAEFFER & BUDENBERG MFG. CO.

("Prof. Carpenter's" Differential, U Tube, Diaphragm New Style), Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

Star Brass Mfg. Co. ("Star"), 103 E Dedham, Boston, Mass.

Tagliabue Chas. J. Mfg. Co. ("D. & L." & "Eames"; Syphon also Pressure), 20 33d, Brooklyn, N. Y.

Taylor Instrument Companies ("Tycos," Rochester, N. Y.

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Uehling Instrument Co., 71 B'way, New York

Vulcan Fuel Economy Co., 230 S La Salle, Chicago, Ill.

5276—*Gauges (Draft, Recording)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

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SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

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5277— Gauges (Drill)

Brown & Sharpe Mfg. Co., Providence, R. I.

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

Detroit Twist Drill Co., 555 Fort, Detroit, Mich.

Hjorth Lathe & Tool Co. (Angle Testing), 27 School, Boston, Mass.

Standard Tool Co., 6900 Central av, Cleveland, O.

STARRETT L. S. CO., Athol, Mass.

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Union Twist Drill Co., Athol, Mass.

5278—*Gauges (Drill, Tap & Wire)

STARRETT L. S. CO., Athol, Mass.

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Gauges (Dynamo & Motor Oil)

See Gauges, Oil

5279—*Gauges (Electrically Operated)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.

See adv index at end of book

5280—Gauges (Expansion Tank)

Buckeye Iron & Brass Works, Dayton, O.

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

See adv index at end of book

Ohio Injector Co., Wadsworth, O.

Powell Wm. Co., Cincinnati, O.

5281—*Gauges (Farm Engine)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

5282—*Gauges (Fillet or Radius)

STARRETT L. S. CO., Athol, Mass.

See adv index at end of book

5283—Gauges (Flange Thickness)

Pratt & Whitney Co., Hartford, Conn.

Gauges (Gas)

See Gauges, Gas Retort

5284—Gauges (Gas Recording Pressure)

American Meter Co. ("Kings"), 11th av & 47th, New York

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.

Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

Crosby Steam Gauge & Valve Co., 40 Central, Boston, Boston, Mass.

Du Vivier Ernest H., 30 Church, New York

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

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Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.

National Gauge Co., 300 Pacific, Brooklyn, N. Y.

Phoenix Meter Co., Camden, N. J.

Pittsburgh Gauge & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

PITTSBURGH METER CO. (Pressure & Volume), East Pittsburgh, Pa.

Tagliabue C. J. Mfg. Co. (Portable, Recording & Syphon), 18 33d, B'klyn, N. Y.

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

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Uehling Instrument Co., 71 B'way, New York

5285—*Gauges (Gas Recording Pressure Portable)

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

See adv index at end of book

Tagliabue C. J. Mfg. Co., 18 33d, B'klyn, N. Y.

N. Y.

5286— *Gauges (Gas Retort)

See also Pyrometers

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

Gauges (Gasoline)

See Indicators, Fuel Level

5287— Gauges (Height)

Builders Iron Foundry, 9 Coddling, Providence, R. I.

STARRETT L. S. CO., Athol, Mass.

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Gauges (Hinge)

See Gauges, Butt

5288— *Gauges (Hub)

STARRETT L. S. CO., Athol, Mass.

See adv index at end of book

5289—*Gauges (Hydraulic Recording)

See also Gauges, Water

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

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SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

N. Y.

5290—*Gauges (Illuminated Dial)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

5291—*Gauges (Indicating & Recording Combined)

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

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5292— *Gauges (Inspectors')

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.

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GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.

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SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.

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STARRETT L. S. CO. (For Steel Plates), Athol, Mass.

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5293—Gauges (Iron Plane)

Goodell-Pratt Co., Greenfield, Mass.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

5294—Gauges (Jewel)

Wennstrom's John Sons Co. (For Jewel Holes), Suffern, N. Y.

5295—Gauges (Jointer)

Millers Falls Co. ("Perfection"), 28 Warren, New York. Works: Millers Falls, Mass.

5296—Gauges (Leather)

Emerich Phil. (Sole Leather), 824 Main, Cincinnati, O.
 Snell & Atherton, Brockton, Mass.
 Turner Tanning Machinery Co. ("Vaughan"), Peabody, Mass.

5297—Gauges (Limit)

Atlas Ball Co. (Internal Ball-Plug), 4th & Glenwood, Phila., Pa.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
 Gronquist Drill Chuck Co. ("Johansson" Adj.), 18 Morris, Jersey City, N. J.
 Mailometer Co., 1093 Jefferson av, Detroit, Mich.
 Pratt & Whitney Co., Hartford, Conn.
 Rogers Jno. M. Works, Gloucester City, N. J.
 Swedish Gauge Co., 22 W 61st, New York
 Taft-Peirce Mfg. Co. (Adjustable), Woonsocket, R. I.

Gauges (Locomotive)

See Gauges, Steam

5298—Gauges (Loss of Head Recording)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
 Builders Iron Foundry ("Venturi"), 9 Coddington, Providence, R. I.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SIMPLEX VALVE & METER CO., 110 N Broad, Phila., Pa.

5299—Gauges (Lumber)

Cleveland Rule Co., 2190 W 59th, Cleveland, O.
 Filler & Stowell Co., Milwaukee, Wis.
 Lufkin Rule Co., Saginaw, Mich.

5300—Gauges (Marking & Scratch)

Buckeye Saw Vise Co., Cleveland, O.
 Chapin-Stephens Co., Pine Meadow, Conn.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Johnson E. P. Rule Mfg. Co. ("Johnson" Adjustable Double Screw), 565 Washington blvd, Chicago, Ill.
 Leavitt Machine Co. ("Barrett" Roller), Orange, Mass.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Nicholls Mfg. Co. ("Nicholls" Sawtooth, Wheel Roller Marking & Mortise Gauge), Ottumwa, Ia.
 Sandusky Tool Co., Sandusky, O.
 Stanley Rule & Level Co., New Britain, Conn.
 Stearns E. C. & Co. (Roller), 450 Oneida, Syracuse, N. Y.

5301—Gauges (Measuring)

GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
 Hoffecker Co., 222 Eliot, Boston, Mass.
 Model Tool & Gauge Co. (Special), Bridgeport, Conn.
 Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
NORMA CO. OF AMERICA, 1790 B'way, New York *See adv index at end of book*

Slocumb J. T. Co., 35 Oxford, Providence, R. I.
 Swedish Gauge Co. ("Johansson"), 22 W 61st, New York
 Up-To-Date Tool Co. (Special), 60k, So Boston, Mass.
 Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), 248 Ash, Waltham, Mass.
 Wirth John D., New Haven, Conn.

5302—Gauges (Mercury)

American District Steam Co. ("Adsc"), No. Tonawanda, N. Y.
 American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
 National Gauge Co. (Also Mercury Vacuum Gauges), 300 Pacific, Brooklyn, N. Y.
 Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
 Quimby Engineering Co. ("Shaw"), 913 Ridge av, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
 Tagliabue Chas. J. Mfg. Co., (Mercury Pressure; Syphon), 18 33d, Brooklyn, N. Y.

5303—Gauges (Micrometer)

Ames B. C. Co. (Dial), Waltham, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Davis Mfg. Co. ("3 to 72"), Milwaukee, Wis.
 Emerson Apparatus Co. (Inside), 251 Causeway, Boston, Mass.
 Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Screw Threads), Greenfield, Mass.
See adv index at end of book
 Haines Gauge Co. (Automatic), 119 S 4th, Phila., Pa.
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.
 Reed Small Tool Works (Micrometer Calliper), Worcester, Mass.
 Sawyer Tool Mfg. Co. (Standard Inside), Ashburnham, Mass.
 Slocumb J. T. Co. (Paper, Tube, Thread, Plate Makers, Rolling Mill, Cartridge, etc.), 35 Oxford, Providence, R. I.
STARRETT L. S. CO. (Outside, Inside & Metric), Athol, Mass.
See adv index at end of book
 Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book
 Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), 248 Ash, Waltham, Mass.

5304—*Gauges (Mine Fan)

BRISTOL CO., ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co. ("Foxboro" Recording), Foxboro, Mass.
See adv index at end of book

5305—Gauges (Mine Water)

Everhart Brass Works (For Showing Pressure of Air in Mines), Scranton, Pa.
 Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.

5306—Gauges (Mitre)

Miotke Joseph ("Acme Handy"), 144 Clinton, Milwaukee, Wis.

5307—Gauges (Oil)

Akron-Selle Co., Akron, O.
 Buckeye Iron & Brass Works, Dayton, O.
 Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
 Hall Mfg. Co., Harrison, N. J.
LUNKENHEIMER CO. ("Triplex"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 Powell Wm. Co. ("Powell" for Dynamos, Motors, etc), Cincinnati, O.
 Rochester Mfg. Co., Brighton Station, Rochester, N. Y.
 Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

5308—Gauges (Paper)

Ashton Valve Co. (Paper Test), 161 First, Cambridge, Mass.
 Slocumb J. T. Co., 35 Oxford, Providence, R. I.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5308a—*Gauges (Petrol Depth)

BRISTOL CO., ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book

5309—Gauges (Planer & Shaper)

Sawyer Tool Mfg. Co. (Planer), Ashburnham, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5310—Gauges (Plug & Ring)

Brown & Sharpe Mfg. Co., Providence, R. I.
 Cannon T. J. & Sons Machine Co., Lynn, Mass.
 Clough R. M., Tolland, Conn.
GREENFIELD TAP & DIE CORP'N ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
 Hoffecker Co., 222 Eliot, Boston, Mass.
 Mailometer Co., 1093 Jefferson av, E. Detroit, Mich.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Tucker Chas. E. Mfg. Co., York, Pa.

5310a—Gauges (Profile)

Cannon T. J. & Sons Machine Co., Lynn, Mass.

5311—*Gauges (Pyrometer, Steam Pressure & Temperature)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5312—Gauges (Radial Grinding)

Union Twist Drill Co., Athol, Mass.

5313—*Gauges (Radius)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5314—Gauges (Rain)

Draper Mfg. Co., 152 Front, New York
 Green Henry J. (Also Snow), 1191 Bedford av, Brooklyn, N. Y.
 International Instrument Co. ("Ferguson"), 23 Church, Cambridge, Mass.
 Tagliabue Chas. J. Mfg. Co., 20-33rd, Brooklyn, N. Y.
 Taylor Instrument Companies ("Tycos"), Rochester, N. Y.
See adv index at end of book

Gauges (Raker)

See Gauges, Saw

5315—Gauges (Recording Pressure)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
 Ashcroft Mfg. Co. ("Edson"), 119 W 40th, New York
 Ashton Valve Co., 161 First, Cambridge, Mass.
 Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
BRISTOL CO. ("Bristol's" Combination, Hydraulic & Differential), Waterbury, Conn. *See adv index at end of book*
 Cleveland Steam Gauge Co., Cleveland, O.
 Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
 Jones Gauge Co. ("Peerless" & "Crown"), Boston, Mass.
 McDonough Automatic Regulator Co. ("McDonough" for Steam), 716 Gd. River, Detroit, Mich.
 Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
 Melvin M. G. Co. ("Melco"), 116 Liberty, New York. *See adv index at end of book*

NASON MFG. CO. (Jobbers), 71 Fulton, New York
National Gauge Co., 300 Pacific, Brooklyn, N. Y.
Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
Precision Instrument Co., Detroit, Mich.
Quimby Engineering Co. ("U. S. Standard" Mercury), 913 Ridge av, Phila., Pa.
SCHAEFFER & BUDENBERG MFG. CO. (Gas Pressure, Hydraulic Pressure, Ammonia Pressure, Steam Pressure & Water Pressure Recording Gauges), Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Tagliabue C. J. Mfg. Co. (Recording & Syphon), 18 33d, B'klyn, N. Y.
Uehling Instrument Co., 71 B'way, New York
United States Gauge Co., 67 Wall, New York

5316—*Gauges (Recording Pressure Portable)

FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5317—*Gauges (Recording Tide)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5318—*Gauges (Recording Vacuum)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5319—*Gauges (Revolution Recording)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Rolling Mill)

See Gauges, Micrometer

5320— Gauges (Saw)

Atkins E. C. & Co., Indianapolis, Ind.
Beach Mfg. Co., Montrose, Pa.
Disston Henry & Sons, Tacony, Phila., Pa.
Fox Z. F. & Son, Freeport, Mich.
Hoe R. & Co., 504 Grand, New York
Kantslip Co. ("Standard" Automatic), Freeport, Mich.
Kilborn & Bishop Co. ("The Champion Forged"), New Haven, Conn.
Miner J. H. Saw Mfg. Co., Lumberton, Miss.
Morin S. J. ("Morin's" Raker For Cross-Cut Saws), Seattle, Wash.
Prouty C. & Co., Eldred, Pa.
Seymour James M., Jr., 43 Lawrence, Newark, N. J.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Smith H. B. Machine Co., Smithville, N. J.

5321— Gauges (Scratch)

Goodell-Pratt Co., Greenfield, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
Welch T. F. Co., 55 Sudbury, Boston, Mass.

5322— Gauges (Screw Pitch)

Athol Machine Co. ("Key Ring" & "Premier"), Athol, Mass.
Bicknell-Thomas Co. (Thread Lead), Greenfield, Mass.

Brown & Sharpe Mfg. Co. ("Acme") Steel Thread), Providence, R. I.
Goddard Tool Co., 351 W Chicago av, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
GREENFIELD TAP & DIE CORPN. ("G. T. D."), Greenfield, Mass.
See adv index at end of book
Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.
New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.
Wood & Spencer Co. ("Snap"), Cleveland, O.

5323—Gauges (Sheet Metal & Wire)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
Disston Henry & Sons, Tacony, Phila., Pa.
Gerecke August, Carlstadt, N. J.
Morgan Spring Co., Worcester, Mass.
Nov. Elec. Co., 50 N 4th, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Pratt & Whitney Co. (Decimal), Hartford, Conn.
Slocumb J. T. Co., 35 Oxford, Providence, R. I.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
Vulcan Hardware Co., Carlstadt, N. J.

5324—Gauges (Sheet Rubber Measuring)

Hoggson & Pettis Mfg. Co., New Haven, Conn.
Slocumb J. T. Co., 35 Oxford, Providence, R. I.

5325— Gauges (Shingle)

Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Wagner Mfg. Co., Cedar Falls, Ia.

5326— Gauges (Snap)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cannon T. J. & Sons Machine Co., Lynn, Mass.
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.
GREENFIELD TAP & DIE CORPN. ("G. T. D." for Threads & Cylindrical), Greenfield, Mass.
See adv index at end of book
Hoffecker Co., 222 Eliot, Boston, Mass.
Mallometer Co., 1093 Jefferson av, E. Detroit, Mich.
New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.
See adv index at end of book
Pratt & Whitney Co., Hartford, Conn.
Screw Machine Products Corp. (Broad, Special only), 1012 Eddy, Providence, R. I.
Tucker Chas. E. Mfg. Co., York, Pa.

5327— *Gauges (Sole)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5328—*Gauges (Speed Recording)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5329— *Gauges (Stair)

STARRETT L. S. CO. (For Carpenters, etc.), Athol, Mass.
See adv index at end of book

5330— Gauges (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
Ashcroft Mfg. Co., 119 W 40th, New York
Ashton Valve Co., 161 First, Cambridge, Mass.
Azadian Gauge Mfg. Co., Syracuse, N. Y.
Belfield H. Co., 435 N Broad, Phila., Pa.
Bogardus Nelson Co. ("Barion," "Trident," "Tre-Foil"), Marshalltown, Ia.
BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
Cleveland Steam Gauge Co., Cleveland, O.
Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.
FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
Hoppe Paul F Co., 123 Liberty, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*
National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.
Pittsburgh Gage & Supply Co. ("Pittsburgh" Recording), 30th & Liberty av, Pittsburgh, Pa.
Pratt & Cody Co. ("P. & C."), Hartford, Conn.
Precision Instrument Co., Detroit, Mich.
Precision Thermometer & Instrument Co. (Vacuum), 1434 Brandywine, Phila., Pa.
Quimby Engineering Co. ("U. S. Standard"), 913 Ridge av, Phila., Pa.
Reliance Steam Gauge Co., Cleveland, O.
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Tagliabue C. J. Mfg. Co. (Recording & Syphon), 18 33d, Bklyn, N. Y.
U. S. Gauge Co., 67 Wall, New York
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.
Wright Mfg. Co., 97 Woodbridge, W Detroit, Mich.
Zaubitz August, 95 Cliff, New York

5331—*Gauges (Sulphite Digester)

FOXBORO COMPANY, THE, Succeeding, Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Gauges (Surface)

See Gauges, Depth & Surface

Gauges (Syphon)

See Gauges Steam

5332— *Gauges (Tank)

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5333—Gauges (Tank Acid Metal)

Eastwood Wire Mfg. Co., Belleville, N. J.

5334—*Gauges (Tank Gauge, Pneumatic)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

5335— *Gauges (Taper)

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5336—*Gauges (Telescoping)

STARRETT L. S. CO. (Inside), Athol, Mass. *See adv index at end of book*

Gauges (Temperature Regulating)

See Pyrometers

Gauges (Test)

See Gauges, Steam

5337—Gauges (Test, Pocket)

Ashton Valve Co., 161 First, Cambridge, Mass.
 Bogardus-Nelson Co. ("Barion," "Trident," "Tre-Foil"), Marshalltown, Ia.
 Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
 Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

5338—Gauges (Thickness)

Brown & Sharpe Mfg. Co., Providence, R. I.
 Goodell-Pratt Co., Greenfield, Mass.
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.
 Randall & Stickney, Waltham, Mass.
 Sawyer Tool Mfg. Co., Ashburnham, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
 Union Tool Co., Orange, Mass.
 Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.

5338a—Gauges (Thread)

See Gauges, Screw Pitch

5339—Gauges (Tire Pressure)

Allen Auto Specialty Co. ("Allen" Tyrometer), 16 W 61st, New York
 Azadian Gauge Mfg. Co., Syracuse, N. Y.
 Improved Gauge Mfg. Co. ("Pressurite"), 320 West Water, Syracuse, N. Y.
 Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
 Michelin Tire Co., Milltown, N. J.
 Schrader's A. Son ("Twitchell"), 783 Atlantic av, Brooklyn, N. Y.
 Stevens Mfg. & Supply Co., 343 S Dearborn, Chicago, Ill.
 Twitchell Gauge Co. ("Twitchell"), 1209 S Michigan av, Chicago, Ill.

5340—Gauges (Track)

Aldon Co. ("Huntington"), 3338 W Ravenswood av, Chicago, Ill.
 Buda Co. ("Huntington," "Cafrey-Huntington" & "McManus" Combined Track Gauge & Lever), Railway Exchange bldg, Chicago, Ill.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Fairbanks, Morse & Co. ("Sheffield" Circular, Radial, etc.), 900 S Wabash av, Chicago, Ill.
 Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
 Iron City Tool Wks., Ltd., 3201 Smallman, Pittsburgh, Pa.
 Irving Mfg. & Tool Co., 157 Chambers, New York
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.
 Lovejoy Tool Works ("Huntington," also Standard Insulated), 319 W Ohio, Chicago, Ill.
 Sheffield Car Co. ("The McHenry"), Three Rivers, Mich.
 Verona Tool Works, Oliver bldg, Pittsburgh, Pa.

Gauges (Twist Drill)

See Gauges, Drill

5341—Gauges (Unison Telemetric Pressure)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

5342—Gauges (Universal Screw Cutting)

Disston Henry Sons, Tacony, Phila., Pa.
 Pratt & Whitney Co., Hartford, Conn.
 Smith Otis A. (Countersunk and Depth), Rockfall, Conn.
 Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), 248 Ash, Waltham, Mass.

5343—Gauges (Urn)

Haydenville Co., Haydenville, Mass.
McRAE & ROBERTS CO. (Coffee, etc.), 227 Campbell av, Detroit, Mich.
See adv index at end of book

Gauges (Vacuum)

See Gauges, Steam

5344—*Gauges (Vacuum Draft)

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.
See adv index at end of book
FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book

5345—Gauges (Water)

American District Steam Co. ("Adsco"), No. Tonawanda, N. Y.
 American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
 Ashcroft Mfg. Co. (Pressure Self-Closing "Keyser" Automatic), 119 W 40th, New York
 Ashton Valve Co., 161 First, Cambridge, Mass.
 Belfield H. Co., 435 N Broad, Phila., Pa.
 Belknap Mfg. Co., Bridgeport, Conn.
 Bogardus-Nelson Co. ("Trident," "Barion," "Tre Foil"), Marshalltown, Ia.
 Bordo L. J. Co., 12th & Thompson, Phila., Pa.
 Bridgman Bros. Co., 1426 Washington av, Philadelphia, Pa.
BRISTOL CO. ("Bristol's" Water Level), Waterbury, Conn.
See adv index at end of book

Buckeye Iron & Brass Works, Dayton, O.
 Capitol Brass Works, Detroit, Mich.
 Cleveland Steam Gauge Co., Cleveland, O.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.

Detroit Brass Works, Detroit, Mich.
 Detroit Lubricator Co. ("Detroit" Expansion Tank), Detroit, Mich.
 Farnan Brass Works Co. (Safety), 1105 Center, Cleveland, O.

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book

Haydenville Co., Haydenville, Mass.
 Hoffman B. Mfg. Co. (Combination Water & Steam Gauge & "Graber" Indicating Automobile), 257 6th, Milwaukee, Wis.

Huyette Paul B. Co. (The "P. B. H." Quick Closing), 5 S 18th, Phila., Pa.
 Jarecki Mfg. Co., Erie, Pa.
 Jenkins Bros. ("Graber" Automatic), 82 White, New York

JERGUSON GAGE & VALVE CO. ("Reflex," "Klinger," "Jerguson" and to Specification), 88 Broad, Boston, Mass.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Loneragan J. E. Co. (Automatic Safety), 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Monitor," Automatic & Plain). Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McCoy Joseph F. Co. ("Davis" imported), 157 Chambers, New York

McNab & Harlin Mfg. Co., 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

Marion Machine, Foundry & Supply Co. ("Alexander," for Boilers), Marion, Ind.

Michigan Lubricator Co. ("Michigan," Self-Clearing, Automatic, etc), Detroit, Mich.

Nolte Brass Co., Springfield, O.
 Northern Tool Co. ("Northern" Self-Closing Safety), Utica, N. Y.

Ohio Blower Co. (Automatic Safety), 5125 Cleveland, O.

Ohio Brass Co. ("Ohio"), Mansfield, O.
 Ohio Injector Co., Wadsworth, O.

Okadee Co. ("Okadee" Reflex), 14 E Jackson bl., Chicago, Ill.

Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Pittsburgh Gage & Supply Co. ("Pittsburgh" Automatic & "Gaco" Self-Closing), 30th & Liberty av, Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.

Queen City Brass & Iron Works, Cincinnati, O.

Reliance Gauge Column Co. ("Reliance" Lever, Quick Closing), Cleveland, O.

Rich Mfg. Co. (Quick Closing), 370 Atlantic av, Boston, Mass.

Roberts Brass Mfg. Co., Detroit, Mich.
 Sargent Co. ("Reflex" for Locomotives), Fisher bldg, Chicago, Ill.

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

Star Brass Mfg. Co. ("Eureka"), 108 E Dedham, Boston, Mass.

Sterling & Skinner Mfg. Co., 2672 E Gd. Blvd, Detroit, Mich.

Swift Lubricator Co., Elmira, N. Y.
 Tagliabue J. C. Mfg. Co. (Pressure, Syphon), 18 33d, B'klyn, N. Y.

Vaile-Kimes Co. ("V. & K."), Dayton, O.
 Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.

Watertown Specialty Co. ("Watertown" Automatic Safety), Watertown, N. Y.

Western Valve Co., 188 N Market, Chicago, Ill.

Williams Gauge Co. ("Williams," "Quick Closing," "Success" & "Sterling"), 543 4th av, Pittsburgh, Pa.

Wiltbonco Mfg. Co. ("Klinger," "Reflex," "Wiltbonco"), 24 Porter, Boston, Mass.

Wright Mfg. Co. ("The Wright" Water Pressure, Self-Closing), 97 Woodbridge W, Detroit, Mich.

5346—*Gauges (Water Depth)

BRISTOL CO. ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.
See adv index at end of book

SCHAEFFER & BUDENBERG MFG. CO., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5347—Gauges (Water Level)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.

BRISTOL CO. ("Bristol's" Recording), Waterbury, Conn.

See adv index at end of book
 Builders Iron Foundry, 9 Coddington, Providence, R. I.

FOXBORO COMPANY, THE, succeeding Industrial Instrument Co., ("Foxboro"), Foxboro, Mass.

Hydro Mfg. Co. (Recording), Bullitt bldg, Phila., Pa.

JERGUSON GAGE & VALVE CO. (Standard and to Specification), 88 Broad, Boston, Mass.

Pneumercator Co., 118 Liberty, New York

Rochester Mfg. Co., Brighton Station, Rochester, N. Y.

Gauges (Water Pressure)

See Gauges, Water

5348—*Gauges (Water, Self-Cleaning)

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.
See adv index at end of book

5349—*Gauges (Waterworks)

SCHAEFFER & BUDENBERG MFG. C., Berry & S 5th, Brooklyn, N. Y.
See adv index at end of book

5350—Gauges (Wheel)

Gage Tool Co. ("Gage" Marking), Vine-land N. J.

Gauges (Wind)

See Anemometers

5350a—*Gauges (Wire)

See also Gauges, Sheet Metal & Wire
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

5351—Gauges (Wireman's Calculating)

Manhattan Electrical Supply Co., 17 Park pl, New York

5352—Gauges (Wood Plane)

Goodell-Pratt Co., Greenfield, Mass.

5353—Gauges (Worm Thread Tool)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co., New Bedford, Mass.

5354—Gauges (Worn Coupler & Wheel Defect)

Pratt & Whitney Co., Hartford, Conn.

5355—Gauze (Surgical)

Aseptic Products Co., 237 Borden av, Long Island City, N. Y.
Griswoldville Mfg. Co., 75 Worth, New York
Johnson & Johnson, New Brunswick, N. J.
Lewis Mfg. Co., Walpole, Mass.
New Hartford Cotton Mfg. Co., New Hartford, N. Y.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Seabury & Johnson, 59 Maiden la, New York
Southern Aseptic Laboratories, Columbia, S. C.

5356—*Gavels

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

5357—Gear Blanks

Allegheny Forging Co. (Steel), 530 4th av, Pittsburgh, Pa.
American Manganese Bronze Co. (Bronze), 3501 Rhawn, Phila., Pa.
American Vulcanized Fibre Co. (Fibre), Equitable bldg, Wilmington, Del.
Anderson Forge & Machine Co. (Drop Forged), Detroit, Mich.
Atlantic Steel Casting Co (Open hearth), Chester, Pa.
Atlas Steel Casting Co. (Cast Steel), Buffalo, N. Y.
Bay City Forge Co., 19th & Cranberry, Erie, Pa.
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
Blount Engineering Co., 100 High, Boston, Mass. *See adv index at end of book*
Bonney-Floyd Co. (Cast Steel), Columbus, O.
Boston Forge Co. (Forged Steel), E Boston, Mass.
Carnegie Steel Co. (Rolled Steel), Carnegie bldg, Pittsburgh, Pa.
Cramp Wm. & Sons Ship & Engine Bldg. Co. (Bronze), Beach & Ball, Phila., Pa.

Damascus Bronze Co. ("Damascus," Bronze), N S, Pittsburgh, Pa.

See adv index at end of book

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.

See adv index at end of book

Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.

Dundore Mfg. Co., 221 So 9th, Reading, Pa.

Electric Welding Products Co. (Steel), 2196 Clarkwood rd, Cleveland, O.

Forged Steel Wheel Co. (Forged Steel), Pittsburgh, Pa.

GANSCHOW WM. CO. (Castings & Forgings), 1001 Washington blvd, Chicago, Ill. *See adv index at end of book*

Grant Gear Works (All Kinds), 151 Pearl, Boston, Mass. *See adv index at end of book*

Hammond Steel & Forging Co. (Case Hardened), Solway, N. Y.

Horsburgh Forging Co., Cleveland, O.

Interstate Foundry Co. (Light & Heavy), E 61st & Erie R. R., Cleveland, O.

Irvington Mfg. Co. (Drop Forged), Irvington, N. J.

JOHNSTON & JENNINGS CO., Addison rd., N. Y. C. R. R., Cleveland, O.

See adv index at end of book

Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.

Ladish Drop Forge Co. (Forged), Cudahy, Wis.

Lake Erie Forging Co., Cleveland, O.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

National Fibre & Insulation Co. (Fibre), Yorklyn, Del.

New England Forge Co., Worcester, Mass.

OHIO FORGE CO. (Forged), Cleveland, O. *See adv index at end of book*

Park Drop Forge Co. (Drop Forged), 760 E 79th, Cleveland, O.

Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

Phila. Steel & Forge Co. (Forged Steel), 50 Church, New York

Smith A. O. Co. (Drop Forged), Milwaukee, Wis.

Spaulding J. & Sons Co. (Hard Fibre), P O Box 52, Tonowanda, N. Y.

See adv index at end of book

Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.

Standard Steel Works Co. (Forged Steel), Morris bldg, Phila., Pa.

STRONG STEEL FOUNDRY CO. (Cast Steel), Buffalo, N. Y.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Titusville Forge Co. (Steel), Titusville, Pa.

U. S. Automatic Co., Amherst, O.

Western Drop Forge Co. (Drop Forged), P O Box 386, Marion, Ind.

See adv index at end of book

Western Tool & Forge Co., Brackenridge, Pa.

Worcester Pressed Steel Co., Worcester, Mass.

Wyman-Gordon Co. (Automobile), Worcester, Mass.

5358—Gear Blanks (Rawhide)

See also Gears & Pinions, Rawhide
Chicago Rawhide Mfg. Co., 1301 Easton av, Chicago, Ill.

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*

Holbrook Raw Hide Co., 748 No Main, Providence, R. I.

Horsburgh & Scott Co., 5114 Hamilton, N E, Cleveland, O.

Western Rawhide & Belting Co., 600 So. Pierce, Milwaukee, Wis.

5359—Gear Blanks (Steel)

See Classification 5357

5360—*Gear Bronze

LUMEN BEARING CO., 2007 Lathrop, Buffalo, N. Y.

See adv index at end of book

5361—Gear Cases

Columbia Machine Work & Malleable Iron Co. ("Columbia" All Steel or Malleable Iron), Atlantic av & Chestnut, Brooklyn, N. Y.

Columbiana Boiler Co., Columbiana, O.

Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Dundore Mfg. Co., 221 So 9th, Reading, Pa.

Electric Service Supplies Co. ("Lyon" Reinforced Steel, "Keystone" Steel), 17th & Cambria, Phila., Pa.

Globe Machine & Stamping Co. (Pressed Steel), 1250 W 76th, Cleveland, Ohio

Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.

Oakes Co. (The), Indianapolis, Ind.

Thayer & Co. ("Chillingworth" One-Piece Seamless & Weldless), 111 B'way, New York

WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.

See adv index at end of book

Worcester Pressed Steel Co., Worcester, Mass.

See adv index at end of book

Worcester Pressed Steel Co., Worcester, Mass.

5362—*Gear Cases (Car Motor)

WESTINGHOUSE ELECTRIC & MFG. CO. East Pittsburgh, Pa.

See adv index at end of book

5362a—Gear (Locomotive Valve)

Hobart Allfree Co., 37 W Van Buren, Chicago, Ill.

Shaw Propeller Co., 15 Elkins, Boston, Mass.

Standard Valve Gear Co., Toledo, O.

5363—*Gear Molding Machines

HOOVEN, OWENS, RENTSCHLER CO., Hamilton, O. *See adv index at end of book*

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American Die & Tool Co., Reading, Pa.

5364—Gear Protective Composition

Plomo Specialty Mfg. Co., Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Whitmore Mfg. Co., Iron ct. & Erie Ry.,
Cleveland, O.

5365— Gear Shifts (Electric)

(For Gasoline Automobiles)

Eclipse Machine Co. (Automobile), 18th
Elmira, N. Y.

5365a—*Gear Shifts (Magnetic)

CUTLER-HAMMER MFG. CO., 1200 St.
Paul av, Milwaukee, Wis.
See adv index at end of book

5365b—*Gearing (Bakelite Micarta)

NUTTALL R. D. CO., Pittsburgh, Pa.
See adv index at end of book

5366— *Gearing (Cane Mill)

GANSCHOW WM. CO., 1001 Washington,
blvd, Chicago, Ill.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Har-
rison av, Pittsburgh, Pa.
See adv index at end of book

5366a— *Gearing (Mill)

Philadelphia Roll & Machine Co., 23d &
Washington av, Phila., Pa.

5367— Gearing (Skylight)

See also Skylight & Ventilating Apparatus
Weiss H. & Co., 20 Cliff, New York

5368— Gearing (Spur)

See Gears, Cut

5369—Gearing (Wharf Drop)

American Engineering Co. ("Winters"),
Aramingo & Cumberland, Phila., Pa.
HINDLEY GEAR CO., 1105 Frankford av,
Phila, Pa. *See adv index at end of book*

Meisel Press Mfg. Co. (Medium Pitch), 942
Dorchester av, Boston, Mass.

5369a— *Gears

GANSCHOW WM. CO. ("Bakelite"), 1001
Washington blvd, Chicago, Ill.
See adv index at end of book
Philadelphia Roll & Machine Co., 23d &
Washington av, Phila., Pa.

5370— Gears (Automobile)

Allegheny Forging Co., 530 4th av, Pitts-
burgh, Pa.

AMERICAN DIE & TOOL CO., Reading,
Pa. *See adv index at end of book*

Anderson Rolled Gear Co., Cleveland, O.
Blount Engineering Co., 100 High, Bos-
ton, Mass. *See adv index at end of book*
Borbein Auto Co., 2109 N 9th, St. Louis,
Mo.

Brown-Lipe-Chapin Co., Syracuse, N. Y.
Brown & Sharpe Mfg. Co., Providence,
R. I.

Bultman F. H. Co., Cleveland, O.
C. A. S. Products Co., Columbus, O.
Carpenter-Tew Gear Co., 67 35th, B'klyn,
N. Y.

Crofoot Gear Works, Cambridge, Mass.
Cullman Wheel Co., 1346 Altgeld, Chi-
cago, Ill.

Davis Rodney, 624 Race, Phila., Pa.

DETROIT SCREW WORKS, 348 Frank-
lin, Detroit, Mich.

See adv index at end of book

Detroit Standard Gear Co. (All Kinds),
Detroit, Mich.

Dundore Mfg. Co., 221 So 9th, Reading,
Pa.

Durston Gear Co., Syracuse, N. Y.

Earle Gear & Machine Co., Stenton &
Wyoming, Phila., Pa.

FOOTE BROS. GEAR & MACHINE CO.,
210 N Carpenter, Chicago, Ill.

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Forg Peter Mfg. Co., 50 Park, Somerville,
Mass.

Frost Gear & Forge Co., Jackson, Mich.

GANSCHOW WM. CO., 1001 Washington
blvd, Chicago, Ill.

See adv index at end of book

Gleason Works (Equalized), 2000 Univer-
sity av, Rochester, N. Y.

GRANT GEAR WORKS, 151 Pearl, Bos-
ton, Mass. *See adv index at end of book*
Hill-Smith Metal Goods Co., 88 Pearl,
Boston, Mass.

Johnson Gear Co., 735 Folsom, San Fran-
cisco, Cal.

Light Mfg. & Foundry Co., Pottstown, Pa.
Mechanics Machine Co. (Transmission,
Also Differential), Rockford, Ill.

Meisel Press Mfg. Co., 942 Dorchester
av, Boston, Mass.

Muncie Gear Works, Muncie, Ind.

Nordyke & Marmon Co., 1290 Kentucky
av, Indianapolis, Ind.

NUTTALL R. D. CO., McCandless & Har-
rison av, Pittsburgh, Pa.

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Pacific Gear & Tool Wks., 1055 Folsom,
San Francisco, Cal.

Park Drop Forge Co., 760 E 79th, Cleve-
land, O.

Philadelphia Gear Works, East Vine,
Philadelphia, Pa.

Ross Gear & Tool Co., Lafayette, Ind.

Spacke F. W. Machine Co., Indianapolis,
Ind.

Tichenor F. C. Gear Works, Peoria, Ill.

Van Dorn & Dutton Co., 2978 Woodhill,
Cleveland, O.

Virtue & Pound Co., Owatonna, Minn.

Wall R. C. Mfg. Co., 228 N 15th, Phila.,
Pa.

Warner Gear Co. (Carbon & Alloy Steel),
Muncie, Ind.

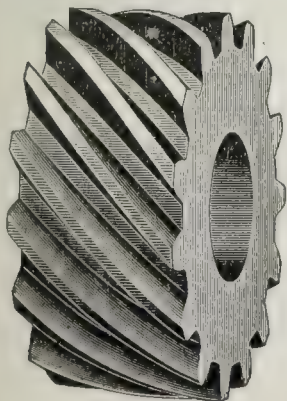
5371—Gears (Automobile Speed)

Meisel Press Mfg Co, 942 Dorchester av,
Boston, Mass

NUTTALL R. D. CO., McCandless & Har-
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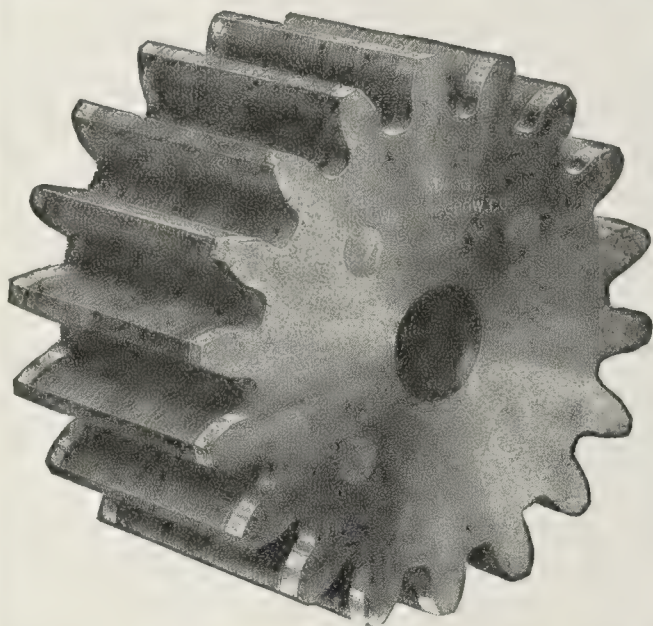
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 Crofoot Gear Works, Cambridge, Mass.
 Gemmer Mfg. Co., Detroit, Mich.
 Gleason Works, 2000 University av, Rochester, N. Y.
 Lavine Gear Co., Racine, Wis.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Noye Bros. Co., Buffalo, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
 Schweppe & Wilt Mfg. Co., Detroit, Mich.
 Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
 Warner Gear Co., Muncie, Ind.
 Warner T. W. Co., Muncie, Ind.

5373—Gears (Boom Swinging)

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Dake Engine Co., Grand Haven, Mich.
 English Iron Works Co., Leekes, Mo.
 Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 Meisel Press Mfg. Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5374—Gears (Brick Machinery)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington, blvd, Chicago, Ill.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5375—*Gears (Car Motor)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GENERAL ELECTRIC CO. (Steel), Schenectady, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5375a—*Gears (Cast Iron)

Philadelphia Roll & Machine Co., 23rd & Washington av, Phila., Pa.

5376—Gears (Cement Machinery)

See also Gears, Cut; also Machine Molded
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
 Philadelphia Gear Works, East Vine, Philadelphia, Pa.
ROCK PRODUCTS EQUIPMENT CORP., 42 Church, New York
See adv index at end of book
 Tool Steel Gear & Pinion Co., Elmwood pl, Cincinnati, O.

5376a—*Gears (Charcoal Iron)

Philadelphia Roll & Machine Co., 23rd & Washington av, Phila., Pa.

5377—*Gears (Clock, Meter, Instrument, Etc.)

PLUMB D. S. (Small Gears & Pinions for All Purposes), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

5377a—*Gears (Cloth)

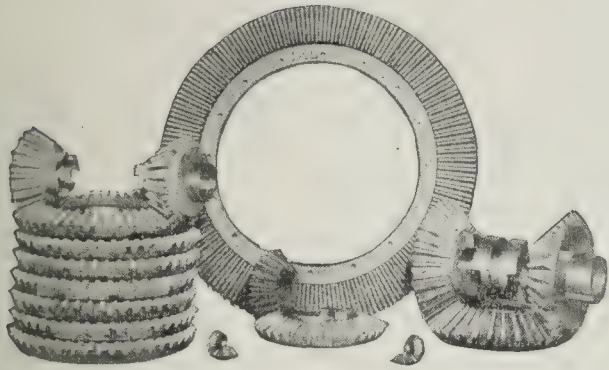
GERDES & CO., 42 Church, New York
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5378—Gears (Cut)

Acme Machine Works, 1500 W 18th, St. Louis, Mo.
 Akron Gear & Engineering Co., Akron, O.
 Albaugh-Dover Co. (Also Helical Cut), 2100 Marshall blvd, Chicago, Ill.
ALLIS-CHALMERS MFG. CO. (Iron & Steel), Milwaukee, Wis.
See adv index at end of book
AMERICAN DIE & TOOL CO., Reading, Pa. *See adv index at end of book*
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel, Brick Machine, Cement Machine & Tube Mill Gears), 332 S Michigan av, Chicago, Ill.



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Bilton Machine Tool Co. (The), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Blount Engineering Co., 100 High, Boston, Mass. *See adv index at end of book*

Boston Gear Works (Bevel, Mitre, Spur, etc., Also Brass), Norfolk Downs, Quincy, Mass.

Braun Machine Works, 1321 Gates av, B'kyn, N. Y.

Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.

Bultman F. H. Co., Cleveland, O.
Caldwell H. W. & Son Co. (Spur, Spur Mortise, Bevel, Bevel Mortise, Mitre), 17th & Western av, Chicago, Ill

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
California Gear Works, 2132 Folsom, San Francisco, Cal

Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.

Catskill Foundry & Mach. Co., Catskill, N. Y.
Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.

Chickasaw Machine & Fdry Co., Memphis, Tenn.

Cincinnati Gear Co, 1815 Reading rd, Cincinnati, O.

Cincinnati Gear Cutting Machine Co. (Spur), Elam & Garrard av, Cincinnati, O.

Cleveland Worm & Gear Co., Cleveland, O.
Cohoes Iron Fdry & Mach. Co., Cohoes, N. Y.

Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.

Crofoot Gear Works, Cambridge, Mass.
Cross Gear & Engine Co. (Spiral, Worm, Bevel Spur, etc), Detroit, Mich.
Davis Rodney (All Kinds), 624 Race, Philadelphia, Pa.

Detroit Gear & Machine Co., Detroit, Mich.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Eagle Tool & Machine Co. (Also Back), 519 South av, Pittsburgh, Pa.

Earle Gear & Machine Co. (Of All Descriptions), Stenton & Wyoming avs, Phila., Pa.

Eastwood Benj. Co., Paterson, N. J.
Electric Novelty Works, 533 Mission, San Francisco, Cal.

Farrel Foundry & Machine Co. (Machine Cut), Ansonia, Conn.

Fawcus Machine Co. (Steel, Iron, Bronze & Rawhide), 1st Nat. Bk. bldg, Pittsburgh, Pa.

Fellows Gear Shaper Co., Springfield, Vt.
Flather E. J. Mfg. Co. (Spur & Bevel), Nashua, N. H.

FOOTE BROS. GEAR & MACHINE CO. ("I. X. L."), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*

Grant Gear Works BOSTON, MASS.

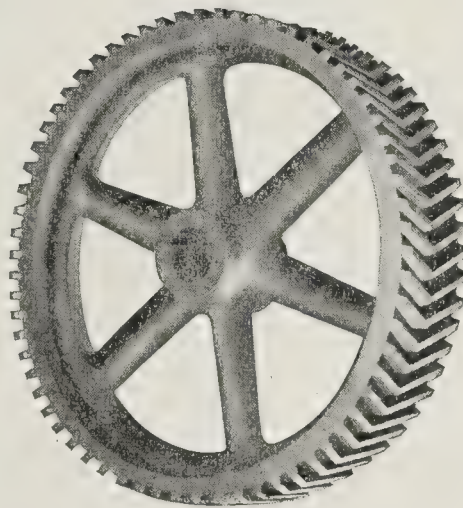
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HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa.

See adv index at end of book
Holyoke Machine Co., Holyoke, Mass.

Horsburgh & Scott Co., Cleveland, O.

James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.

Jeffrey Mfg. Co., 961 N. Fourth, Columbus, O. *See adv index at end of book*

Johnson Gear Co., 735 Folsom, San Francisco, Cal.

Jolly J. & W. (Spur & Bevel), Holyoke, Mass.

Jones E. D. & Sons Co. (Bevel, Mitre, Mortise Spur, etc), Pittsfield, Mass.

Jones W. A. Foundry & Machine Co. (All Kinds, All Sizes), 4401 W. 12th, Chicago, Ill.

Jurack Chas., 201 Oregon, Milwaukee, Wis.

Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.

Lake Shore Engine Works (Spur Gears up to 20 ft. in Diameter & 18 Face), Marquette, Mich.

Lauer Jno. Machine Co., Detroit, Mich.

Lees-Bradner Co., Cleveland, O.

LINK-BELT CO. (Bevel, Mitre, Spur, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

Medart Patent Pulley Co. (Plain or Mortise), 3500 De Kalb, St. Louis, Mo.

Meese & Gottfried Co. (& Cast), 660 Mission, San Francisco, Cal.

Meisel Press Mfg Co, 942 Dorchester av, Boston, Mass

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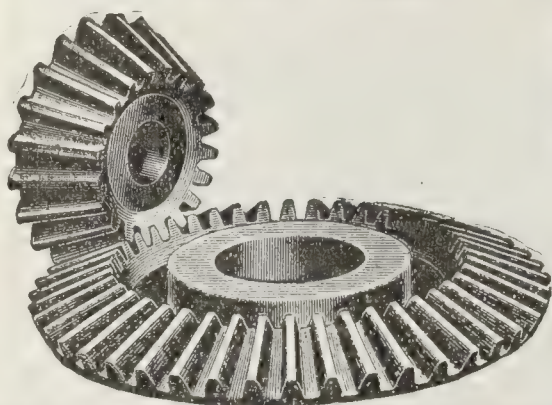
Newark Gear Cutting Machine Co. (All Kinds), 69 Prospect, Newark, N. J.

New Process Gear Corp. (Cut Rawhide & Metal), Syracuse, N. Y.

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NUTTALL R. D. CO. (Spur, Internal, Bevel, Mitre, Spiral, Worm & Herringbone), McCandless & Harrison av, Pittsburgh, Pa.

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Ohio Machine Tool Co., Kenton, O.

Pacific Gear & Tool Works, 1035 Folsom, San Francisco, Cal.

Philadelphia Gear Works (Bevel Planed Teeth), East Vine, Philadelphia, Pa.

PLUMB D. S. (Small Gears & Pinions, for Clocks, Meters, Gauges, etc), 73 Norfolk, nr Central av, Newark, N. J.

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Poole Engineering & Mach. Co., Woodberry sta., Baltimore, Md.

Redington F. B. Co., 112 S Sangamon, Chicago, Ill.

Ross Machine Co., Lafayette, Ind.

Sawyer Gear Works, 5120 St. Clair, N E, Cleveland, O.

Schell M. P. Mfg. Co., 342 Howard, San Francisco, Cal.

Sier-Bath Co., 143 W 54th, New York

Simonds Mfg Co, Liberty & 25th, Pittsburgh, Pa.

Sipp Machine Co., Paterson, N. J.

Sommerfeld Machine & Mfg. Co. (Bevel, Mortise, Spur, etc), Cast Iron or Brass, 216 2d av, Pittsburgh, Pa.

Standard Fibre Co., Miller st, Somerville, Mass.

Syracuse Raw Hide Mfg. Co. (Cut Raw Hide & Metal), Syracuse, N. Y.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Tichenor F. C. Gear Works, Peoria, Ill.

Tod Wm. Co., Youngstown, O.

Tool Steel Gear & Pinion Co., Township av & Elmwood pl, Cincinnati, O.

Turley Gear & Machine Co., St. Louis, Mo.

Union Gear & Machine Co., 85 Purchase, Boston, Mass.

United Iron Works Co., Springfield, Mo.

Universal Swing Joint & Machine Co., Louisville, Ky.

Valley Machine Co., Parkersburg, W. Va.

Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

Vulcan Iron Works, Wilkes-Barre, Pa.

Warner Gear Co. (Spur, Bevel & Worm Type), Muncie, Ind.

Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.

Wilson W. A. Machine Co. Rochester, N. Y.

Woburn Gear Works, Woburn, Mass.

Woodard Machine Co. (Spur, Worm, Bevel, Double Helical), Wooster, O.

Worcester Gear Works, Worcester, Mass.

Gears (Die Cast)

See Castings, Die Cast

5379— *Gears (Fan Motor)

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.

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GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book

NUTTALL R. D. CO. (Hand & Steam), McCandless & Harrison av, Pittsburgh, Pa.

See adv index at end of book

5380— *Gears (Fibre)

See also Gears, Cut

DELAWARE HARD FIBRE CO., Wilmington, Del.; Works: Marshallton, Del.

See adv index at end of book

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.

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GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

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GERDES & CO., 42 Church, New York.

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NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

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WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.

See adv index at end of book

5381—*Gears for Steam Shovels, Dredges, Etc.

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.

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GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

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5382—Gears (Friction Clutch)

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Cadwell W. E. Co., 2270 Brook, Louisville, Ky.

See adv index at end of book

Dodge Sales & Engineering Co., Mishawaka, Ind.

Dundore Mfg. Co., 221 So 9th, Reading, Pa.

Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Hunt, Rodney Machine Co., Orange, Mass.

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.

See adv index at end of book

McMahon & Co., Worcester, Mass.

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.

National Gear Wheel Fdry., South & Walker, Pittsburgh, Pa.

Noye Bros. Co., Buffalo, N. Y.

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

See adv index at end of book

Poole Engineering & Mach. Co., Woodberry Sta, Baltimore, Md.

Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

Warner Gear Co. (Automobile), Muncie, Ind.

Webster Mfg. Co., Tiffin, O.

Gears (Gas Tractor)

See Gears, Tractor Transmission

5383— *Gears (Helical Cut)

DE LAVAL STEAM TURBINE CO. (Double Helical), East Trenton, N. J.

See adv index at end of book

FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.

See adv index at end of book

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book

MESTA MACHINE CO., Pittsburgh, Pa.

See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

See adv index at end of book

5384—Gears (Herringbone Cut)

Boston Gear Works, Norfolk Downs, Quincy, Mass.

Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.

Crofoot Gear Works, Cambridge, Mass.

Davis Rodney, 624 Race, Phila., Pa.

Dundore Mfg. Co., 221 So 9th, Reading, Pa.

Falk Co. ("Wuest"), ft 30th, Milwaukee, Wis.

Fawcus Machine Co., 1st Nat Bk Bldg, Pittsburgh, Pa.

FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.

See adv index at end of book

Gleason Works, 2000 University av, Rochester, N. Y.

Grant Gear Works, 151 Pearl, Boston, Mass.

Krasberg Mfg. Co., 420 Orleans, Chicago, Ill.

Mesta Machine Co., Pittsburgh, Pa.

See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

See adv index at end of book

Philadelphia Gear Works, East Vine, Philadelphia, Pa.

Tod Wm. Co., Youngstown, Ohio

5385—Gears (Herringbone Molded)

Mesta Machine Co., Pittsburgh, Pa.

See adv index at end of book

5386— Gears (Internal)

Acme Machine Works, 1500 W 18th, St. Louis, Mo.

Akron Gear & Engng Co., Akron, O.

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Bilgram Machine Works, 1235 Spring Garden, Phila., Pa.

Blount Engineering Co., 100 High, Boston, Mass.

See adv index at end of book

Boston Gear Works, Norfolk Downs, Quincy, Mass.

Brown & Sharpe Mfg. Co., Providence, R. I.

Caldwell H. W. & Son Co. ("Caldwell-Walker"), 17th & Western av, Chicago, Ill.
 Caldwell, W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Cincinnati Gear Co., 1815 Reading rd, Cincinnati, O.
 Crofoot Gear Works, Cambridge, Mass.
 Davis Rodney, 624 Race, Phila., Pa.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Dundore Mfg. Co., 221 So 9th, Reading, Pa.
 Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
 Eastwood Benj. Co., Paterson, N. J.
 Fawcus Machine Co., 1st Nat Bk Bldg, Pittsburgh, Pa.
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
 Frost Gear & Forge Co., Jackson, Mich.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
 Gleason Works, 2000 University av, Rochester, N. Y.
 Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
 James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
 Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
 Newark Gear Cutting Mach. Co., 69 Prospect, Newark, N. J.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Noye Bros Co., Buffalo, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
 Philadelphia Gear Works, East Vine, Philadelphia, Pa.
 Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
 Poole Engineering & Mach. Co., Woodberry Sta., Baltimore, Md.
 Sawyer Gear Works, 5120 St Clair av, N E, Cleveland, O.
 Sommerfeld Machine & Mfg. Co. (Steel, Cast Iron & Brass), 216 2d av, Pittsburgh, Pa.
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
 Tichenor F. C. Gear Works, Peoria, Ill.
 Tod Wm. Co., Youngstown, O.
 Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
 Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.

5387—Gears (Machine Molded)

American Manganese Steel Co ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.
 Caldwell H W & Son Co ("Caldwell-Walker," Spur, Spur Mortise, Bevel, Bevel Mortise, Mitre), 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
 Christiana Machine Co., Christiana, Pa.
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
 Farrel Foundry & Machine Co., Ansonia, Conn.
 Fawcus Machine Co., 1st Nat Bk Bldg, Pittsburgh, Pa.
 Gerdes & Co., 42 Church, New York.
See adv index at end of book
 Great Western Mfg. Co., Leavenworth, Kan.
 Hardie-Tynes Mfg. Co., Birmingham, Ala.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Hubbard Steel Foundry Co., 900 S Michigan av, East Chicago, Ind.
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
 Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
 Marshall Foundry Co., Pittsburgh, Pa.
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
 National Car Coupler Co. (Open Hearth Steel, All Sizes), 332 S Michigan av, Chicago, Ill.
 National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.

Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.
 Poole Engineering & Machine Co., Baltimore, Md.
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
 Tichenor F. C. Gear Works, Peoria, Ill.
 United Engineering & Foundry Co. (Cast Steel), 307 5th av, Pittsburgh, Pa.
 United Iron Works Co., Springfield, Mo.
 Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

5388—Gears (Marine, Reversing)

Auto Engine Works, University & Griggs, St. Paul, Minn.
 Baldrige Gear Co., 235 Mt. Elliot av, Detroit, Mich.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Bultman F. H. Co., Cleveland, O.
 Continental Motor Mfg. Co., Muskegon, Mich.
 Crofoot Gear Works, Cambridge, Mass.
 Detroit Standard Gear Co. ("Standard"), Detroit, Mich.
 Evans Stamping & Plating Co. ("Paragon"), Taunton, Mass.
 Fawcus Machine Co. (Repair Parts), 1st Nat Bk Bldg, Pittsburgh, Pa.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
 Gies Gear Co. ("Gies" for Gasoline Motor Boats), Boydel Bldg., Detroit, Mich.
 Gleason Works, 2000 University av, Rochester, N. Y.
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa.
See adv index at end of book
 James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.
 Johnson, Carlyle Machine Co., Manchester, Conn.
 Kuehl Bros. ("Holliday"), 1818 Milwaukee av, Chicago, Ill.
 Meisel Press Mfg Co., 942 Dorchester av, Boston, Mass.
 Michigan Wheel Co., Grand Rapids, Mich.
 Milwaukee Auto. Engine & Supply Co., 708 Vinnebago, Milwaukee, Wis.
 New York Gear Works ("Ball" Improved Reverse Gear for Motor Boats), 56 Greenpoint av, Brooklyn, N. Y.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
 Philadelphia Gear Works, East Vine, Phila., Pa.
 Snow & Petrelli Mfg. Co. ("Joe's"), New Haven, Conn.
 Tichenor F. C. Gear Works, Peoria, Ill.
 Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
 Waterman Motor Co., 235 Mt. Elliott av, Detroit, Mich.

5389—Gears (Marine Steering)

Bultman F. H. Co., Cleveland, O.
 Crofoot Gear Works, Cambridge, Mass.
 Dake Engine Co. (Steam), Grand Haven, Mich.
 Durkee Chas. D. & Co. (Hand), 2 South, New York
 Edson Mfg. Co. ("Edson" Hand), 257 Atlantic av, Boston, Mass.
 Evans C. H. & Co. ("Evans" Steam), 187 Fremont, San Francisco, Cal.
 Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
HINDLEY GEAR CO., 1105 Frankford av., Phila., Pa.
See adv index at end of book
 Hyde Windlass Co. ("Brown" Steam), Bath, Me.
 Johnston Wm. T. Co. ("Cincinnati" Steam), 3d & Vine, Cincinnati, O.
 Laughlin Thomas Co. (Hand), Portland, Me.
 Lockwood Mfg. Co. ("Reeds" Hand), 65 Summer, E. Boston, Mass.
 McNab Co. (Brown Bros "Telemoter"), Bridgeport, Conn.
 Marine Hardware Co. (Hand), Peabody, Mass.
 Marine Mfg. & Supply Co. ("Columbia," "Lavarek," "Planet," Hand), 158 South, New York
 Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Pawling & Harnischfeger Co. (Steam), Milwaukee, Wis.
 Philadelphia Machine Works (Steering Engines), 67 Laurel, Phila., Pa.
 Stoddart A. P. & Co. (Hand), Gloucester, Mass.
 Textile Finishing Machinery Co. (Steam), 171 Westminster, Providence, R. I.
 Tichenor F. C. Gear Works, Peoria, Ill.
 Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.
 Verdon & Co. (Steam), Richmond Terrace, W New Brighton, S. I., N. Y.
 Williamson Bros. Co. (Steam), Aramingo & Cumberland, Phila., Pa.

5390—Gears (Mill)

See also Gears, Cut

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Bethlehem Steel Co., South Bethlehem, Pa.
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
DODGE SALES & ENGINEERING CO. (Cast or Mortise), Mishawaka, Ind.
 Dundore Mfg. Co., 221 So 9th, Reading, Pa.
 Fawcus Machine Co., 1st Nat Bk bldg, Pittsburgh, Pa.
FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
 Garrison A. Foundry Co. ("Haskins," Double Spiral for Rolling Mills, etc), 901 Bingham, Pittsburgh, Pa.
 Gleason Works, 2000 University, Rochester, N. Y.
 Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av., & P & R Ry, Phila., Pa.
See adv index at end of book
 Mackintosh, Hemphill & Co., Pittsburgh, Pa.
 Meisel Press Mfg Co. (Medium Pitch), 942 Dorchester av, Boston, Mass.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
 National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.
 National Roll & Foundry Co., Avonmore, Pa.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book
 Philadelphia Gear Works, East Vine, Phila., Pa.
 Seaman-Sleeth Co., Pittsburgh, Pa.
 Simpson-Orville Co., Cincinnati, Ohio
 Tod Wm. Co., Youngstown, Ohio
 Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

5391—*Gears (Mine Motor)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO., 210-220 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
GENERAL ELECTRIC CO. ("Fabroil") Schenectady, N. Y.
See adv index at end of book
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5392—*Gears (Mining Machine)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.
See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Gears (Mitre)

See Gears, Cut

5392a— *Gears (Mortise)**SMITH S. MORGAN CO.**, York, Pa.
*See adv index at end of book***5393— *Gears (Nickel Steel)****Mesta Machine Co.**, Pittsburgh, Pa.
*See adv index at end of book***5394— *Gears (Noiseless)****Nuttall R. D. Co.**, McCandless & Harrison
av, Pittsburgh, Pa.
*See adv index at end of book***Gears (Rawhide)**

See Gears & Pinions, Rawhide

5395— *Gears (Reduction)

See also Gears, Cut

See also Variable Speed Transmission

FOOTE BROS. GEAR & MACHINE CO.,
210 N Carpenter, Chicago, Ill.
*See adv index at end of book***GANSCHOW WM. CO.**, 1001 Washington
blvd, Chicago, Ill.
*See adv index at end of book***NUTTALL R. D. CO.**, McCandless & Har-
rison av, Pittsburgh, Pa.
*See adv index at end of book***Gears (Reversing)**

See Gears, Marine Reversing

5396— Gears (Rolled Steel)**Philadelphia Gear Works**, East Vine,
Phila, Pa.**Gears (Rolling Mill)**

See Gears, Mill

5397— *Gears (Small)**PLUMB D. S.** (Small Gears & Pinions for
Clocks, Meters, Gauges & Recording
& Scientific Instruments, etc), 73 Nor-
folk, nr Central av, Newark, N. J.
*See adv index at end of book***5398— Gears (Solid Forged)****Akron Gear & Engineering Co.**, Akron, O.
Standard Steel Works Co., Morris bldg,
Phila., Pa.**5399— *Gears (Speed Reducing)****DE LAVAL STEAM TURBINE CO.** (For
Steam Turbines), East Trenton, N. J.
*See adv index at end of book***FOOTE BROS. GEAR & MACHINE CO.**,
210 N Carpenter, Chicago, Ill.
*See adv index at end of book***GANSCHOW WM. CO.**, 1001 Washington
blvd, Chicago, Ill.
*See adv index at end of book***Gears (Spiral)**

See Gears, Cut

Gears (Spur)

See Gears, Cut

Gears (Steering)See Gears, Automobile, Steering; also
Gears, Marine, Steering**5400—Gears (Steering, Semi-Revers-
ible)****Jackson, Church & Wilcox Co.**, Saginaw,
Mich.**5401—Gears (Street Car Axle)****Akron Gear & Engineering Co.**, Akron, O.
BLISS E. W. CO., 19 Adams, Brooklyn,
N. Y. *See adv index at end of book***Brown & Sharpe Mfg. Co.**, Providence,
R. I.
Catskill Foundry & Machine Co., Catskill,
N. Y.**Cleveland Gear Works**, Cleveland, O.
Gear Grinding Machine Co. (Ground), De-
troit, Mich.**GENERAL ELECTRIC CO.** (Steel),
Schenectady, N. Y.*See adv index at end of book***Meisel Press Mfg. Co.** (Medium Pitch), 942
Dorchester av, Boston, Mass.**NUTTALL R. D. CO.**, McCandless & Har-
rison av, Pittsburgh, Pa.*See adv index at end of book***Tool Steel Gear & Pinion Co.**, Township,
Elmwood pl, Cincinnati, O.**Van Dorn & Dutton Co.**, 2978 Woodhill,
Cleveland, O.**Worcester Gear Works**, Worcester, Mass.**5401a— *Gears (Timing)****GENERAL ELECTRIC CO.** ("Fabrol")
Schenectady, N. Y.*See adv index at end of book***5402—*Gears (Tractor Transmis-
sion)****FOOTE BROS. GEAR & MACHINE CO.**,
210 N Carpenter, Chicago, Ill.*See adv index at end of book***GANSCHOW WM. CO.**, 1001 Washington
blvd, Chicago, Ill.*See adv index at end of book***HINDLEY GEAR CO.**, 1105 Frankford
av., Phila., Pa.*See adv index at end of book***Nuttall R. D. Co.**, McCandless & Harrison
av, Pittsburgh, Pa.*See adv index at end of book***5403—Gears (Transmission or Speed
Changing)****Akron Gear & Engineering Co.**, Akron, O.
AMERICAN DIE & TOOL CO., Reading,
Pa. *See adv index at end of book***Auto Supply Co.**, 1789 B'way, New York**Blood Bros. Machine Co.**, Allegan, Mich.**Brennan Motor Mfg. Co.**, Syracuse, N. Y.**Brown, Lipe Gear Co.** (Automobile), Syra-
cuse, N. Y.**Brown & Sharpe Mfg. Co.** (Repair Parts),
Providence, R. I.**Buffalo Engine Co.** ("Salisbury"), Buf-
falo, N. Y.**Cady C. N. Co.**, Canastota, N. Y.**Crofoot Gear Works**, Cambridge, Mass.**Cross Gear & Engine Co.**, Detroit, Mich.**Detroit Gear & Machine Co.**, Detroit, Mich.**Detroit Standard Gear Co.** (Automobile &
Transmission), Detroit, Mich.**Dundore Mfg. Co.**, 221 So 9th, Reading, Pa.**Durston Gear Co.**, Syracuse, N. Y.**Earle Gear & Machine Co.**, Stenton &
Wyoming, Phila., Pa.**Farrel Foundry & Machine Co.**, Ansonia,
Conn.**Fitch Gear Co.**, Rome, N. Y.**FOOTE BROS. GEAR & MACHINE CO.**,
210 N Carpenter, Chicago, Ill.*See adv index at end of book***GANSCHOW WM. CO.**, 1001 Washington
blvd, Chicago, Ill.*See adv index at end of book***Gear Grinding Machine Co.** (Ground),
Detroit, Mich.**Gies Gear Co.**, Boydel Bldg., Detroit,
Mich.**Gleason Works**, 2000 University av, Roch-
ester, N. Y.**Grant Gear Works**, 151 Pearl, Boston,
Mass. *See adv index at end of book***Grant-Lees Gear Co.**, 2369 E 69th, Cleve-
land, Ohio**James D. O. Mfg. Co.**, 1120 W Monroe,
Chicago, Ill.**Jones W. A. Foundry & Machine Co.**,
4401 W 12th, Chicago, Ill.**Light Mfg. & Fdry. Co.** (Automobile),
Pottstown, Pa.**Link-Belt Co.**, 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av, & P &
R Ry, Phila, Pa.*See adv index at end of book***Locke Regulator Co.**, Salem, O.**Meisel Press Mfg. Co.**, 942 Dorchester av,
Boston, Mass.**Milwaukee Auto Engine & Supply Co.**, 706
Winnebago, Milwaukee, Wis.**Muncie Gear Works**, Muncie, Ind.**Murray W. B.**, N Winchester & Wabansia
avs, Chicago, Ill.**New York Gear Works** ("Ball" Improved),
56 Greenpoint av, Brooklyn, N. Y.**NORTHERN ENGINEERING WORKS**, 9
Chene, Detroit, Mich.
*See adv index at end of book***Noye Bros. Co.**, Buffalo, N. Y.**NUTTALL R. D. CO.** (Repair Parts), Mc-
Candless & Harrison av, Pittsburgh,
Pa. *See adv index at end of book***Philadelphia Gear Works**, East & Vine,
Phila, Pa.**Poole Engineering & Machine Co.**, Wood-
berry Station, Baltimore, Md.**Rutenber Motor Co.**, Marion, Ind.**Sawyer Gear Works**, 5120 St Clair av, N
E, Cleveland, O.**Sier-Bath Co.**, 143 W 54th, New York**Syracuse Gear Co.**, Syracuse, N. Y.**Tichenor F. C. Gear Works**, Peoria, Ill.**Toepfer Frank Sons**, 460 National av,
Milwaukee, Wis.**Townsend Foundry & Machine Shop Co.**,
Broadway & Rensselaer, Albany, N. Y.*See adv index at end of book***Van Dorn & Dutton Co.**, 2978 Woodhill,
Cleveland, O.**Virtue & Pound Co.**, Owatonna, Minn.**Warner Gear Co.** (Automobile), Muncie,
Ind.**Warner T. W. Co.**, Muncie, Ind.**WATERBURY TOOL CO.** ("Waterbury"
Hydraulic Speed, Variable) Water-
bury, Conn.**Tod Wm. Co.**, Youngstown, Ohio**5404—Gears (Vanadium Steel)****Chain Belt Co.**, Milwaukee, Wis.**Crofoot Gear Works**, Cambridge, Mass.**Dundore Mfg. Co.**, 221 So 9th, Reading, Pa.**Meisel Press Mfg. Co.**, 942 Dorchester av,
Boston, Mass.**Tod Wm. Co.**, Youngstown, Ohio**5405— Gears (Wagon)****Akron-Selle Co.**, Akron, O.**Columbus Bolt Works Co.** ("Double
Perch"), Columbus, O.**Deere John Wagon Works** (Farm, Team-
ing & Coal), Moline, Ill.**Emerson-Brantingham Co.** ("Newton"
Header), Rockford, Ill.**Eureka Bending & Wheel Works** (Wood),
York, Pa.**Fitch Gear Co.**, Rome, N. Y.**Herbrand Co.**, Fremont, O.**Little J. R. Metal Wheel Co.** (Steel),
Quincy, Ill.**Owensboro Wagon Co.**, Owensboro, Ky.**Pay Chas. & Co.** (Steel Frame, Low
Gears), 307 S Water, Providence, R. I.**Pekin Wagon Co.**, Pekin, Ill.**Studebaker Corp.**, South Bend, Ind.**Van Dorn & Dutton Co.**, 2978 Woodhill,
Cleveland, O.**York Wagon Gear Co.** (Carriage), York,
Pa.**5406— Gears (Worm)****Acme Machine Works**, 1500 N 18th St,
Louis, Mo.**Akron Gear & Engng. Co.**, Akron, O.**Albaugh-Dover Co.**, 2100 Marshall blvd,
Chicago, Ill.**Albro-Clem Elevator Co.** ("Hindley," "Al-
bro"), 7th & Glenwood av, Phila., Pa.**AMERICAN DIE & TOOL CO.**, Reading,
Pa. *See adv index at end of book***American Manganese Steel Co.** ("Amsco"
& "Stag" Brand Manganese Steel), 332
S Michigan av, Chicago, Ill.**Arthur Co.**, 188 Front, New York**Atlanta Mfg. & Supply Co.**, Atlanta, Ga.**Bickett Machine & Mfg. Co.** ("Kutrite"),
Cincinnati, Ohio**Bilgram Machine Works**, 1235 Spring
Garden, Phila., Pa.**Boston Gear Works** ("Hindley"), Norfolk
Downs, Quincy, Mass.**Brown A. & F. Co.**, 79 Barclay, New
York. Works: Elizabethport, N. J.**Brown & Sharpe Mfg. Co.**, Providence,
R. I.**Bultman F. H. Co.**, Cleveland, O.**Caldwell H. W. & Son Co.** ("Caldwell-
Walker"), 17th & Western av, Chi-
cago, Ill.**Carpenter-Tew Gear Co.**, 67 35th, Brook-
lyn, N. Y.**Chain Belt Co.**, Milwaukee, Wis.**Cincinnati Gear Co.**, 1815 Reading rd,
Cincinnati, O.**Cleveland Worm & Gear Co.** (Worm Gear
Reduction), 1667 E 40th, Cleveland, O.**Crofoot Gear Works**, Cambridge, Mass.**Cross Gear & Engine Co.**, Detroit, Mich.**Damascus Bronze Co.** ("Damascus"
Bronze for Rolling Mills, etc), N S,
Pittsburgh, Pa.
See adv index at end of book

Davis Rodney, 624 Race, Phila., Pa.
Dundare Mfg. Co., 221 So 9th, Reading, Pa.
Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.

Eastwood Benj. Co., Paterson, N. J.
Fawcus Machine Co. (Steel, Iron, Bronze), 1st Nat Bk Bldg, Pittsburgh, Pa.

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

Frost Gear & Forge Co., Jackson, Mich.
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book
Gleason Works, 2000 University av, Rochester, N. Y.

Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*

HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*
Horsburgh & Scott Co., 5114 Hamilton, Cleveland, O.

James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

Meisselbach-Catucci Mfg. Co. (Small), 25 Congress, Newark, N. J.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

More-Jones Brass & Metal Co. (Phosphor Bronze), B'way & Dock, St. Louis, Mo.

National Gear Wheel Foundry, South & Walker, Pittsburgh, Pa.

Newark Gear Cutting Machine Co. (Worm Wheels Generated), 69 Prospect, Newark, N. J.

New Process Gear Corp., Syracuse, N. Y.

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Pacific Gear & Tool Wks., 1035 Folsom, San Francisco, Cal.

Philadelphia Gear Works (Brass, etc.), East Vine, Phila., Pa.

Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.

Poole Engineering & Mach. Co., Woodberry sta, Baltimore, Md.

Sawyer Gear Works, 5120 St. Clair, N E, Cleveland, O.

Simonds Mfg. Co. (For Electric Railways, etc), Liberty & 25th, Pittsburgh, Pa.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.
Tichenor F. C. Gear Works, Peoria, Ill.

Townsend Foundry & Machine Shop Co., Broadway & Rennselaer, Albany, N. Y. *See adv index at end of book*

Turley Gear & Machine Co., St. Louis, Mo.

Union Gear & Machine Co., 85 Purchase, Boston, Mass.

United Iron Works Co., Springfield, Mo.
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

Warner Gear Co. (Automobile), Muncie, Ind.

Webster Mfg. Co., Tiffin, O.

Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

Woburn Gear Works, Woburn, Mass.

5407—*Gears (Worm Bevel)

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

5408—*Gears (Worm Gear Reduction)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.
See adv index at end of book

GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book
HINDLEY GEAR CO., 1105 Frankford av, Phila., Pa. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

Gears & Pinions

See Gears, Cut; also Gears, Machine Molded

Gears & Pinions (Automobile)

See Gears, Automobile

5409—*Gears & Pinions (Case Hardened)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5410—Gears & Pinions ("Fabroil")

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

5410a—*Gears & Pinions (Mill)

See also Gears, Mill

Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book

5411—*Gears & Pinions (Rawhide)

See also Gears, Cut

FOOTE BROS. GEAR & MACHINE CO., 210 N Carpenter, Chicago, Ill.

See adv index at end of book
GANSCHOW WM. CO., 1001 Washington blvd, Chicago, Ill.

See adv index at end of book
GERDES & CO., 42 Church, New York.
See adv index at end of book

RAWHIDE PINIONS for Silent Drives DUXHIDE-SILENT, Oil and Water-proof

GERDES & COMPANY 42 Church St., N. Y. C.

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.
See adv index at end of book

5412—Gears & Pinions (Vanadium)

Crofoot Gear Works, Cambridge, Mass.
Dundore Mfg. Co., 221 So 9th, Reading, Pa.
Grant Gear Works, 151 Pearl, Boston, Mass. *See adv index at end of book*
Mackintosh, Hemphill & Co., Pittsburgh, Pa.

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

Mesta Machine Co., Pittsburgh, Pa.
Works: Homestead, Pa.

See adv index at end of book
Ohio Steel Foundry Co., Lima, O.

Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.

Pratt & Letchworth Co., Buffalo, N. Y.

Tod Wm. Co., Youngstown, O.

Union Steel Casting Co., Pittsburgh, Pa.

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

Wheeling Mold & Fdry. Co., Wheeling, W. Va.

5413— Gelatine Mfrs.

Amer. Agrl. Chem. Co., 2 Rector, New York

American Glue Co., 121 Beverly, Boston, Mass.

Armour Glue & Ammonia Works, Postal Tel. Bldg., San Francisco, Cal.

Bischoff C. & Co. (For Photo Purposes, Imp), 451 Washington, New York

California Glue Works, Fairfax av & Rankin, San Francisco, Cal.

Clarkson Glue Co., 3259 Shields av, Chicago, Ill.

Commonwealth Glue Co., 40 N Market, Boston, Mass.

Cooper's Peter Glue Factory, 11th av & 28th, New York

Crystal Gelatine Co., 121 Beverly, Boston, Mass.

Diamond Glue Co., Robinson & Ill. Mich. Canal, Chicago, Ill.

HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York

See adv index at end of book
Isaacs S. & Co. (Imp), 100 William, New York

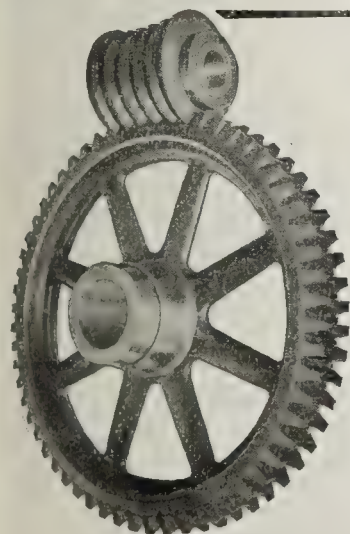
Kind & Landesmann, Camden, N. J.

Midland Glue Co., Madison, Ind.

Pfaltz & Bauer (Imp), 300 Pearl, New York

Stevenot Chas. J. & Co. (Imp), 338 Pearl, New York

Townsend Chas. & Bro., 276 Pearl, New York



HINDLEY GEAR COMPANY

1105 Frankford Ave., PHILADELPHIA, PA.

Manufacturers of Hindley
Worm Gearing and Gear
Drives Complete with Housings

5413a—*Generating Sets (Gas-Electric)

STURTEVANT B. F. Co. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.
See adv index at end of book

5414—Generating Sets (Motor)

See also Dynamos & Motors

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Benton Electric Co. (Direct Current, 1 to 100 H.P.), La Crosse, Wis.

Burke Electric Co., Erie, Pa.

C. & C. Electric & Mfg. Co., Garwood, N. J.

Connecticut Dynamo & Motor Co., Irvington, N. J.

Crocker-Wheeler Co., Ampere, N. J.

Cushman Electric Co., Concord, N. H.

ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*

Electric Machinery Co. (Direct Current & One, Two & Three Phase Alternating Current, Engine & Belted Type), 14th av & N E Tyler, Minneapolis, Minn.

Engberg Electric & Mechanical Works, St. Joseph, Mich.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Ideal Electric & Mfg. Co., Mansfield, O.

Imperial Electric Co., Akron, O.

JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*

Lincoln Electric Co., Cleveland, O.

RELANCE ELECTRIC & ENGINEERING CO. (Up to 50 K.W.), 1064 Ivanhoe rd, Cleveland, O.

See adv index at end of book

Ridgway Dynamo & Engine Co., Ridgway, Pa.

Schramm Chris, D. & Son (Direct Connected 16 to 35 H.P.), 308 N 4th, Phila, Pa.

Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*

Wagner Electric Mfg. Co. (Small), 6400 Plymouth av, St. Louis, Mo.

Western Electric Co., 463 West, New York

WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

5415—Generating Sets (Oil Engine)

Jager Chas. J. Co. ("Mason-Jager," also Gasoline), 15 Custom House, Boston, Mass.

Mietz August, 138 Mott, New York

5416—*Generating Sets (Steam Engine & Steam Turbo Electric)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

See adv index at end of book

Generators (Acetylene)

See Gas Machines, Acetylene

5417—Generators (Chlorine)

(Made of Acid Proof Stoneware)

German American Stoneware Works, 50 Church, New York

Graham Chas. Chemical Pottery. Works: 986 Metropolitan av., Brooklyn, N. Y.

Sittig J. W. (Imp), 5 Beekman, New York

5418—Generators (Electric Lighting)

See also Dynamos & Motors

ALLIS-CHALMERS MFG. CO. (Direct & Alternating), Milwaukee, Wis.

See adv index at end of book

American Blower Co., 1400 Russell, Detroit, Mich.

Burke Electric Co. (D C & A C), Erie, Pa.

C. & C. Electric & Mfg. Co. (Direct 2 to 700 K W), Garwood, N. J.

Crocker-Wheeler Co. (D C), Ampere, N.J.

Diehl Mfg. Co., Elizabeth, N. J.

ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*

Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.

Fort Wayne Electric Works of General Electric Co. (D C & A C), Fort Wayne, Ind.

GENERAL ELECTRIC CO. (Direct & Alternating), Schenectady, N. Y.

See adv index at end of book

Ideal Electric & Mfg. Co. ("Ideal"), Mansfield, O.

Imperial Electric Co., Akron, O.

JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*

Kentucky Elec. Co. (D C), Owensboro, Ky.

Lincoln Electric Co., Cleveland, O.

Maine Electric Co., Portland, Me.

Mechanical Appliance Co., Milwaukee, Wis.

Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

RELANCE ELECTRIC & ENGINEERING CO. (Direct and Alternating Up to 50 K. W.), 1064 Ivanhoe rd, Cleveland, O.

See adv index at end of book

Ridgway Dynamo & Engine Co., Ridgway, Pa.

Robbins & Myers Co. (Up to 15 K W), 1400 Lagonda av, Springfield, O.

Roth Bros. & Co., 1400 W Adams, Chicago, Ill.

Sprague Electric Works (Direct Current Up to 1000 kw), 527 W 34th, New York

TRIUMPH ELECTRIC CO. (Direct & Alternating), Oakley, Cincinnati, O.

See adv index at end of book

Wegner Electric Mfg. Co. (Direct & Alternating), 6400 Plymouth av, St. Louis, Mo.

WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.

See adv index at end of book

5419—Generators (Electric Power)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Bessemer Gas Engine Co., Grove City, Pa.

Burke Electric Co. (D C & A C), Erie, Pa.

C. & C. Electric & Mfg. Co., Garwood, N. J.

Crocker-Wheeler Co. (D C), Ampere, N.J.

Cushman Electric Co. (AC), Concord, N. H.

Diehl Mfg. Co., (Direct), Elizabeth, N. J.

Eager Electric Co. (D C & A C), Watertown, N. Y.

ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*

Electric Machinery Co. (D C & A C), 14th av & N E Tyler, Minneapolis, Minn.

Engberg Electric & Mechanical Works, St. Joseph, Mich.

Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.

Fort Wayne Electric Works of General Electric Co. (D C & A C), Fort Wayne, Ind.

GENERAL ELECTRIC CO. (Direct & Alternating), Schenectady, N. Y.

See adv index at end of book

General Railway Signal Co., Rochester, N. Y.

Green L. A., First Natl Bk Bldg, Pittsburgh, Pa.

Ideal Electric & Mfg. Co. ("Ideal"), Mansfield, O.

Imperial Electric Co., Akron, O.

JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*

Lincoln Electric Co., Cleveland, O.

McKeever Electric Co., 244 S High, Columbus, O.

Mechanical Appliance Co., Milwaukee, Wis.

Northwestern Mfg. Co. (Direct Current Up to 75 K W), 482 Clinton, Milwaukee, Wis.

Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

RELANCE ELECTRIC & ENGINEERING CO. ("Reliance" Direct Up to 50 K W), 1064 Ivanhoe rd, Cleveland, O.

Richmond Electric Work, Richmond, Va.

Ridgway Dynamo & Engine Co., Ridgway, Pa.

Robbins & Myers Co. (Up to 15 K W), 1400 Lagonda av, Springfield, O.

STURTEVANT B. F. CO. ("Sturtevant" Direct), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

TRIUMPH ELECTRIC CO. (D. C. & A. C.), Oakley, Cincinnati, O.

See adv index at end of book

Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.

WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating Current), East Pittsburgh, Pa.

See adv index at end of book

5420—Generators (Electrolytic)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Ideal Electric & Mfg. Co., Mansfield, O.

5420a—Generators (Electrotyping)

JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*

5421—*Generators (Gas House)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

See adv index at end of book

Westinghouse Electrical Apparatus

Alternating and Direct-Current Generators and Motors, Rotary Converters, Circuit-Breakers, Switches, Switchboards, Rheostats, Electrical Instruments, Lighting Arresters, Controllers, Auto-Starters, Battery Charging Rectifier, Electric Fans, Electric Irons, Etc., Etc.

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

Offices in 45 American Cities



5422—Generators (Heat, Hot Water)

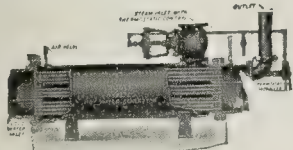
Belknap Mfg. Co., Bridgeport, Conn.
Honeywell Heating Spec. Co., Wabash, Ind.
Makin Heating Co. ("Maheco"), 1827 Filbert, Philadelphia, Pa.
Milwaukee Heater Mfg. Co., 458 11th av, Milwaukee, Wis.
Phelps Bros. Co., 25 Cliff, New York.
Sims Co. ("Sims" Instantaneous or Circulating), 18th & Whitley av, Erie, Pa.
Watson C. David L., Terre Haute, Ind.

5423—Generators (Hot Water)

GRISCOM-RUSSELL CO. ("Goubert," "Reilly" & "Russell" for Public Buildings, Mfg. Plants, Hospitals, etc), 92 West, New York.
See adv index at end of book

GOUBERT HEATERS

For furnishing hot water for ALL PURPOSES IN ANY QUANTITY DESIRED. UTILIZES HIGH PRESSURE OR EXHAUST STEAM AS THE HEATING MEDIUM.



THE
GRISCOM-RUSSELL CO.
92 West Street New York

Quaker City Iron Works, Tioga & Edgemoor, Philadelphia, Pa.
Tyler Fred. A. ("Domestic," Will Fit Any Steam or Hot Water Boiler, Furnace, etc), Albany, N. Y.

5424—Generators (Low Voltage)

Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*
Ideal Electric & Mfg. Co. (For Electro-Metallurgical Work, etc), Mansfield, O.
Imperial Electric Co., Akron, O.

5425—Generators (Magneto)

Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.

5426—Generators (Oxygen & Hydrogen)

Burdett Mfg. Co. (Electrolytic Oxygen), 1401 W Jackson Blvd, Chicago, Ill.
Castner Electrolyte Alkali Co. ("Lavoisite" Oxygen System), Niagara Falls, N. Y.
International Oxygen Co. ("I. O. C."), 115 Broadway, N. Y.
MacLeod Co., 2232 Bogen, Cincinnati, O.
Vulcan Process Co. (Electrolytic), 25th & University av S E, Minneapolis, Minn.

5427-8—Generators (Ozone)

Goldberg Ozone Machine Co., Indianapolis, Ind.
Neel-Armstrong Co. ("Oxyoline"), Akron, Ohio
Ozone Pure Airifier Co., 536 S Clark, Chicago, Ill.

5429—Generators (Steam)

Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.

5430—Generators (Street Railway)

See also Generators, Electric Power; also Dynamos & Motors
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

C. & C. Electric & Mfg. Co. (2 to 700 K. W.), Garwood, N. J.
Crocker-Wheeler Co., Ampere, N. J.
Ideal Electric & Mfg. Co., Mansfield, O.
Kester Electric Co., Terre Haute, Ind.
Ridgway Dynamo & Engine Co., Ridgway, Pa.
WESTINGHOUSE ELECTRIC & MFG. CO. (Direct & Alternating), East Pittsburgh, Pa. *See adv index at end of book*

5431—Generators (Turbine)

Kerr Turbine Co., Wellsville, N. Y.
Moon Mfg. Co., 122 N Jefferson, Chicago, Ill.

5431a—*Gentlemen's Sets (Cased)

Du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, N. Y.

5431b—*German Silver (Ornamental)

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5432—German Silver (Patent Lev- eled)

AMERICAN BRASS CO. (For Soda Fountains, etc), Waterbury, Conn.
For branch offices see adv index at end of book
Seymour Mfg. Co. (For Soda Fountains, etc), Seymour, Conn.

5433-4-5—Giants (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. *See adv index at end of book*
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.
Seattle Machine Works, Seattle, Wash.

5436-7—*Gibs & Keys

STANDARD GAUGE STEEL CO., Beaver Falls, Pa. *See adv index at end of book*

Gilsonite (Domestic)

See Asphalt Miners & Refiners

Gimlet Mfrs.

See Bits, Gimlet

5438—Glass Benders

Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Clarksburg Glass Co., Clarksburg, W. Va.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.
Oriental Glass Co., 722 Chestnut, St. Louis, Mo.
Popper Leo. & Sons, 143 Franklin, New York
Smith Thos. J. D., 65 Chambers, Newark, N. J.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Tuna Glass Co., Clarksburg, W. Va.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.

5439—Glass Bevelers

Alta Glass Beveling Works, 1781 Mission, San Francisco, Cal.
Arlington Art Glass Wks, Atlanta, Ga.
Atlanta Art Glass & Decorating Co., Atlanta, Ga.
Bloom Alfred Co., Omaha, Neb.
Chaudron & Co., 1112 Cathedral, Baltimore, Md.
Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Dayton Art Glass Works, Dayton, O.
Donnelly J. R. Co., 54 Classon av, Brooklyn, N. Y.
Empire Ornamental Glass Co., 437 Washington, New York
Evansville Mirror & Beveling Co., Evansville, Ind.
Gallagher P. J., 24 New Chambers New York

Haskins Art Glass Co., Rochester, N. Y.
Hires Turner Glass Co., 30th & Walnut, Phila, Pa.
Hooker H. M. Co., 651 W Wash, Chicago, Ill.
Ingerson & Glaser Co., 1739 Sacramento, San Francisco, Cal.
Jones Decorative Glass Co., Concord c Hudson av, Brooklyn, N. Y.
Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco, Cal.
Popper Leo. & Sons, 143 Franklin, New York
Potts Bros., 415 Broadway, N. Y.
Queen City Glass Works, 118 W 2d, Cincinnati, O.
Raphael H. Co., Los Angeles, Cal.
Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
Sayre-Newton Lumber Co., 23d & Blake, Denver, Colo.
Schuler-Mueller Co., 314 W Superior, Chicago, Ill.
Smith Thos. J. D., Newark, N. J.
Standard Glass & Paint Co., Des Moines, Ia.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Stewart-Carey Glass Co., Indianapolis, Ind.
United Glass Works, 1024 Mission, San Francisco, Cal.
Von Gerichten Art Glass Co., 557 S High Columbus, O.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.
Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.
Whittier-Coburn Co., Howard & Beale, San Francisco, Cal.

5440—*Glass Blanks (For Cutters of Mangin Mirrors)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

5441—*Glass (Carnation)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5442—Glass (Carrara)

Pittsburgh Plate Glass Co., Frick Bldg, Pittsburgh, Pa.

5443—Glass (Cathedral, Rough Plate & Tile)

Advance Glass Co., Newark, O.
Gray & Son Glass Co., Falls Creek, Pa.
Highland Glass Co., Washington, Pa.
Kokomo Opalescent Glass Co., Kokomo Ind.
Marietta Glass Mfg. Co. (Plain & Fancy Figured), Indianapolis, Ind.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO. (Rough Plate Only), Streator, Ill.
See adv index at end of book

5444—Glass (Chipped)

Chaudron & Co., 1112 Cathedral, Baltimore, Md.
Empire Ornamental Glass Co., 437 Washington, New York
Falconer Mirror Co., Falconer, N. Y.
Jones Decorative Glass Co., Concord c Hudson av, Brooklyn, N. Y.
Pittsburgh Plate Glass Co., Frick Bldg, Pittsburgh, Pa.
Rawson & Evans Co., 710 W Washington Blvd, Chicago, Ill.
Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
Tuna Glass Co., Clarksburg, W. Va.
Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

5445—*Glass (Crystal, Lead & Lime)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

Glass (Druggists')

See Glassware, Chemical & Druggists'

5446— Glass Embossers

Empire Ornamental Glass Co., 437 Washington, New York
 Ingerson & Glaser Co., 1739 Sacramento, San Francisco, Cal.
 Jones Decorative Glass Co., Concord & Hudson av., Brooklyn, N. Y.
 Potts Bros., 415 Broadway, N. Y.
 Rae G. & Co., 173 Prince, New York
 Rawson & Evans Co., 710 W Washington blvd., Chicago, Ill.
 Reith Wm., 134 N 7th, Phila., Pa.
 Smith H. J. & Sons, 236 S 8th, Phila., Pa.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

5447— Glass Enamellers

Gernhardt H. T. & Co., 409 E Fayette, Baltimore, Md.
 Jones Decorative Glass Co., Hudson av & Concord, Brooklyn, N. Y.
 Rawson & Evans Co., 710 W Washington blvd., Chicago, Ill.
 Von Gerichten Art Glass Co., 557 S High, Columbus, O.
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

5448— *Glass (Figured)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

Glass (Fire Retardant)

See Glass, Wire

5449—Glass Floor Plate Mfrs.

Mississippi Glass Co., 220 5th av., New York
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5450—Glass (For Diffusion of Light)

Highland Glass Co., Washington, Pa.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO. ("Holly"), Streator, Ill. *See adv index at end of book*

5451—Glass for Electrical Use

Canton Glass Co., Marion, Ind.
 Whitall, Tatum Co., 410 Race, Phila., Pa.

5452—Glass for Engineering Specialties

See also Gauge Glass Importers

Bache, Semon & Co., 636 Greenwich, New York
 Canton Glass Co., Marion, Ind.
 Gillinder & Sons, State & Devereaux, Phila., Pa.

5453—Glass (Fused Quartz)

Engelhard Chas. ("Heraeus"), 30 Church, New York

Glass Globes and Shades

See Globes, Various Kinds; also Shades, Glass & Porcelain, etc

5454— Glass (Ground)

Chrystal Charles B. (Imp.), 13 Cliff, N. Y. *See adv index at end of book*
 Cooper Chas. & Co. (For Polishing), 194 Worth, New York
 Rawson & Evans Co., 710 W Washington blvd., Chicago, Ill.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 Tuna Glass Co., Clarksburg, W. Va.
 Wiarda John C. Co., 273 Greene, Brooklyn, N. Y.

5455—Glass House Clay Supplies

Beaver Valley Pot Co., Rochester, Pa.
 Buckeye Clay Pot Co., Toledo, O.
 Dubois Clay Mfg. Co., Dubois, Pa.
 Findlay Clay Pot Co. (Pots, Tank Blocks, Flattening-Stones, Tank Rings, Floaters, etc), Findlay, O.

Gill Clay Pot Co., Muncie, Ind.
 Laclede Christy Clay Products Co., Manchester & Sulphur avs., St. Louis, Mo.
 New Jersey Clay Pot Co., Vineland, N. J.
 Ohio Valley Clay Co., Steubenville, O.
 Pittsburgh, Clay Pot Co., 1261 Reedsdale, Pittsburgh, Pa.
 Willets Co., 10th & Bradford, Pittsburgh, Pa.
 Woods-Lloyd Co., S 30th & Jane, Pittsburgh, Pa.

5456—Glass House Furnace Builders

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Hagan Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.
 Smythe S. R. Co., House bldg, Pittsburgh, Pa.

5457— Glass (Leaded)

See also Glass Stainers

Alberts J. B., 307 1st, Louisville, Ky.
 Arlington Art Glass Works, Atlanta, Ga.
 Art Glass Co., 74 Fort E, Detroit, Mich.
 Atlanta Art Glass & Decorating Co., Atlanta, Ga.
 Brand Gustave A. & Co., 1428 Michigan av., Chicago, Ill.
 Bryant Bros Co., 79 E Main, Columbus, O.
 Bunce Art Glass Co., Richmond, Va.
 Century Stained Glass Works (Ltd.), 212 S 11th, Phila., Pa.
 Chapin Louis S., Rochester, N. Y.
 Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.
 Clinton Glass Co., 1000 W 21st, Chicago, Ill.
 Dallas Art Glass Co., Dallas, Tex.
 Dayton Art Glass Works, Dayton, O.
 Decorative Art Glass Co., Davenport, Ia.
 Detroit Mirror Works, Waterman & M C R R, Detroit, Mich.
 Detroit Window & Stained Glass Co., Detroit, Mich.
 Eberhardt Hugo & Co., 2411 W 12th, Chicago, Ill.
 Flanagan & Biedenweg Co., 312 W Illinois, Chicago, Ill.
 Ford Bros. Glass Co., 207 Washington av., N. Minneapolis, Minn.
 Fuller & Goepp, 34 Davis, San Francisco, Cal.
 Geissler R., 56 W 8th, New York
 Giannini & Hilgart, 222 W Madison, Chicago, Ill.
 Gustafson J. H., Rochester, N. Y.
 Hadley-Dean Glass Co., 11th & Lucas av., St. Louis, Mo.
 Haskins Art Glass Co., Rochester, N. Y.
 Hausleiter Julius & Co., 298 Fulton, Brooklyn, N. Y.
 Heinigke & Smith, 24 E 13th, New York
 Henderson Bros., 317 E 64th, New York
 Highland Glass Co., Washington, Pa.
 Hooker H. M. Co., 651 W Washington, Chicago, Ill.
 Hooper-Dombrink Art Glass Co., Oakland, Cal.
 Jackson Glass Works, Jackson, Mich.
 Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.
 Jones Decorative Glass Co., Concord cor Hudson av., Brooklyn, N. Y.
 Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.
 Key City Decorative Glass Works, Dubuque, Ia.
 Lee Edw. F. Glass Co., Detroit, Mich.
 Maginn Chas., 17 E 14th, New York
 Morgan Co. (Art), Oshkosh, Wis.
 O'Halloran's Thos. Sons, 276 Halsey, Newark, N. J.
 Payne Geo. H., Paterson, N. J.
 Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
 Rawson & Evans Co., 710 W Washington blvd., Chicago, Ill.
 Righter & Kolb, 420 Madison av., New York
 Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
 Rockford Art Glass Works, Rockford, Ill.
 Rossbach Art Glass Works, 101 W Broad, Columbus, Ohio
 Schuler-Mueller Co., 314 W Superior, Chicago, Ill.
 Sharpe Bros., 951 Broad, Newark, N. J.
 Snowdon George, Utica, N. Y.
 Spiers, Lederle Glass Co., 900 6th av., New York
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 Temple Art Glass Co., 120 W Illinois, Chicago, Ill.
 Tiffany Studios, 361 Madison av., N. Y.

Toledo Art Glass & Mirror Works, Toledo, O.
 United Glass Works, 1024 Mission, San Francisco, Cal.
 Von Gerichten Art Glass Co., 557 S High, Columbus, O.
 Wallis A. H., 3308 Easton, St. Louis, Mo.
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.
 Wood Clarence W., Syracuse, N. Y.
 Wood Glass Co., Syracuse, N. Y.

5458— Glass Mosaic Work

Armstrong, Maitland & Co., 61 Washington sq S, New York
 Colgate Art Glass Co., 8 Gansevoort, New York
 Dayton Art Glass Works, Dayton, O.
 Decorative Stained Glass Co., 312 W 34th, New York
 Flagg L. G. & Co., Sudbury bldg, Boston, Mass.
 Ford Bros. Glass Co., 207 Washington av N, Minneapolis, Minn.
 Geissler R., 56 W 8th, New York
 Giannini & Hilgart, 222 W Madison, Chicago, Ill.
 Grand Rapids Art Glass Co., Grand Rapids, Mich.
 Heinigke & Smith, 24 E 13th, New York
 Henderson Bros., 317 E 64th, New York
 Lamb J. & R., 25 6th av., New York
 McCully & Miles Co., 338 River, Chicago, Ill.
 Macy R. H. & Co., B'way & 34th, New York
 Maginn Chas., 17 E 14th, New York
 Michigan Glass Works, Detroit, Mich.
 Morgan Jno. & Sons, 17 Union av., Brooklyn, N. Y., & 32 E 9th, New York
 Petgen Co., 6709 Hamilton av., Pittsburgh, Pa.
 Puddicombe H. & Co., New Haven, Conn.
 Rae G. & Co., 173 Prince, New York
 Righter & Kolb, 420 Madison av., New York
 Riordan G. C. & Co., 313 Walnut, Cincinnati, O.
 Spiers, Lederle Glass Co., 900 6th av., New York
 Summers C., 1455-59th, Brooklyn, N. Y.
 Tiffany Studios, 361 Madison av., N. Y.
 Tyrolese Art Glass Co., 25 W B'way, New York
 Von Gerichten Art Glass Co., 557 S High, Columbus, O.
 Wallis A. H., 3308 Easton, St. Louis, Mo.

5459— Glass Opal Blanks

Canton Glass Co., Marion, Ind.
 Popper Leo & Sons, 143 Franklin, New York
RODEFER GLASS CO., THE. (For Decorators), Bellaire, O.
See adv index at end of book

5460— Glass (Opalescent)

Bournique Glass Co., Kokomo, Ind.
 Clarksburg Opalescent Glass Works, Clarksburg, W. Va.
 Dannenhoffer Glass Works, 330 Himrod, Brooklyn, N. Y.
 Highland Glass Co., Washington, Pa.
 Kokomo Opalescent Glass Co. (Sheet), Kokomo, Ind.
 Marietta Glass Mfg. Co., Indianapolis, Ind.
 Peltier Glass Co., Ottawa, Ill.
RODEFER GLASS CO., THE. Bellaire, O.
See adv index at end of book
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 Wissmach Paul Glass Co., Meadow, Long Island City, N. Y.

5460a— Glass (Optical)

Bache Semon & Co. (Imp), 636 Greenwich, New York.

5461— Glass (Photographic)

Bache Semon & Co. (Imp), 636 Greenwich, New York.
 Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

5462—*Glass (Plano Convex and Double Convex Blanks for Cutting & Polishing)

Rodefer Glass Co., The Bellaire, O.
See adv index at end of book

Glass (Plate Prism)

See Glass, Prismatic

5463—Glass (Plate & Window, Wholesale & Retail)**ALABAMA.**

BIRMINGHAM—Birmingham Paint & Glass Co.
Byrum Hardware Co.

ARKANSAS.

LITTLE ROCK—Abeles Chas. T. & Co.

CALIFORNIA.

LOS ANGELES—Dixon Glass Co.
Fuller, W. P. & Co.
Raphael H. Co., 641 S Main
OAKLAND—Fuller W. P. & Co.
Cobbleick-Kibbe Glass Co.
SACRAMENTO—Fuller W. P. & Co.
SAN DIEGO—Fuller W. P. & Co.
SAN FRANCISCO—California Plate & Window Glass Co., 864 Mission
Friedman Bros., 461 Valencia
Fuller W. P. & Co., 301 Main
Fuller & Goepf, 34 Davis
Habenicht & Howlett, Inc., 525 Clay
Whittier-Coburn Co., Howard & Beale

COLORADO.

DENVER—Hallack Lumber & Supply Co.
3901 Gilpin
Hallack & Howard Lumber Co.
James B. L. Mercantile & Mfg. Co.
McPhee & McGinnity Co.
Sayre-Newton Lumber Co., 23d & Blake

CONNECTICUT.

HARTFORD—Andrews & Peck Co.
Nims, Whitney & Co.
Trant John C.
NEW BRITAIN—Rackliffe Bros. Co.
NEW HAVEN—Brodner K.
Morgan & Humiston Co.
TORRINGTON—Hotchkiss Bros. Co.

DELAWARE.

WILMINGTON—Bradford James Co., 8 E 3d

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th, c G, N W
Brown R. M., 1252 7th, N W
Muth Geo. F. & Co., 418 7th, N W
Reilly Hugh, 1334 New York av, N W
Smith Thos. W., 1st c Ind. av, N W

GEORGIA.

ATLANTA—Georgia Paint & Glass Co.
Pittsburgh Plate Glass Co. (Mfrs.)
SAVANNAH—Butler J. G. Builders' Supply Co.

ILLINOIS.

CHICAGO—Active Glass Co., 169 N Ann
American Luxfer Prism Co., 1018 37th
American Window Glass Co., 122 S Michigan av
Bein E. & Co., 1632 Milwaukee av
Berger S. K., 414 S Dearborn
Chicago Building Glass Co., 3516 N Clark
Cooperative Plate Window Glass Co., 5914 S Racine av
Englewood Window Glass Co., 731 W 63d place
Fulton Glass Co., 715 Fulton
Hooker H. M. Co., 651 W Washington
Imperial Glass Co., 29 E Madison
Jefferson Glass Co., 30 N Michigan
Metropolitan Glass Co., 1545 N Western av
National Glass Co., 705 Blue Island av
North Side Glass Co., 2542 Lincoln av
Pittsburgh Plate Glass Co. (Mfrs.), 451 St Clair
Rawson & Evans Co., 710 W Washington blvd
Rice James H. Co., 451 St. Clair
Sprague Smith Co., 164 W Randolph
Standard Glass Co., 2349 S La Salle
Swanson J. Glass Co., 163 W Chicago av

Tyler & Hippach, 366 W Ohio
OTTAWA—Sanders Bros. Mfg. Co.
PEORIA—Wahlfeld Mfg. Co.
QUINCY—Garretts Henry G. & Sons
Heidbreder Bros. & Co.
Oenning Glass & Book Co.
Young Bros. Decorative Co.
ROCK ISLAND—Rock Island Sash & Door Works
Volk John & Co.
SPRINGFIELD—Power Chas. A.
STREATOR—Williams Hardware Co.

INDIANA.

EVANSVILLE—Evansville Mirror & Beveling Co.
Evansville Paint & Varnish Co.
Johnson Elmer C. Co.
FORT WAYNE—Schlatter C. C. & Co.
INDIANAPOLIS—Aldag Paint & Varnish Co.
Indianapolis Paint & Color Co.
Johnson-Woodbridge Co.
Sargent Paint Co., N. J. & Mass av
Stewart-Carey Glass Co.
KOKOMO—Armstrong Landon Co.
LAFAYETTE—Lafayette Lbr. Co.
Taylor Lbr. Co.
RICHMOND—Jones Hardware Co.
Miller Bros. Hardware Co. (Window Glass)
TERRE HAUTE—Adamson & Anderson
Krietenstein Carl

IOWA.

CALMAR—Calmar Mfg. Co.
CEDAR RAPIDS—Williams & Hunting Co.
CLINTON—Curtis Brothers & Co.
DAVENPORT—Gordon, Vantine Co.
McClelland T. W. Co.
Pittsburgh Plate Glass Co.
DES MOINES—Buck Bros. Co.
Carr & Baal Co. (Wholesale Only)
DUBUQUE—Carr-Ryder & Adams Co.
Farley & Loetscher Mfg. Co.
LYONS—Disbrow M. A. & Co.

KANSAS.

EMPORIA—Emporia Lbr. & Coal Co.
HUTCHINSON—Hutchinson Lumber & Planing Mill Co.
WICHITA—United Sash & Door Co.
Wichita Sash & Door Co.
Young Bros Decorating Co

KENTUCKY.

LOUISVILLE—Hughes E. L. Co.
Hughes W. J. & Sons Co.
Peaslee-Gaulbert Co.

LOUISIANA.

NEW ORLEANS—Louisiana Glass & Mirror Works, 309 Lafayette

MAINE.

PORTLAND—King & Dexter Co.

MARYLAND.

BALTIMORE—Baker Bros & Co, 27 South Gay
Chaudron & Co, 1112 Cathedral
Kaufman E. L. & Co., Liberty & Fayette
Selm Henry & Co., Fayette & Howard

MASSACHUSETTS.

BOSTON—Boston Plate & Window Glass Co., 20 Canal
Millen & Williamson, 26 Kneeland
Pittsburgh Plate Glass Co., 99 Portland
STANDARD PLATE GLASS CO., 30 Sudbury
WORCESTER—Marble J. Russell & Co.

MICHIGAN.

DETROIT—American Paint & Glass Co.
129 Fort, W
Art Glass Co, 74 Fort E
Boydell Bros. White Lead & Color Co.
Central Paint & Glass Co., 36 Cadillac sq.
Detroit Window & Stained Glass Co.
Frohlich Glass Co.
Pittsburgh Plate Glass Co., 53 Larned, E
Reid Wm. Glass Co., 741-53 Fort W
Schroeder Paint & Glass Co.
JACKSON—Jackson Glass Works

MINNESOTA.

DULUTH—St. Germain Bros.
MINNEAPOLIS—Forman, Ford & Co., 111 S 2d
Janney, Semple, Hill & Co., 1st av S & 2d
Northwestern Glass Co, 219 N 2nd
Pittsburgh Plate Glass Co. (Mfrs), 500 S 3d
ST. PAUL—Mann F. R. & Son, 437 St. Peter
Noyes Bros. & Cutler, 6th & Sibley
Pittsburgh Plate Glass Co., 459 Jackson
Whitehead Wm. G. Glass Co., 180 W 4th

MISSOURI.

KANSAS CITY—American Sash & Door Co.
Campbell Glass & Paint Co, 1421 Walnut
Faxon & Gallagher Drug Co, 80 Broadway
Pittsburgh Plate Glass Co. (Mfrs), 5th & Wyandotte
McDonald Paint & Glass Co., 1408 Grand av
Sewall Paint & Glass Co, 1009 W 8th
Western Sash & Door Co.
ST. JOSEPH—Pimbley Paint & Glass Co.
ST. LOUIS—Campbell Glass & Paint Co., Main & Gratiot
Condie-Bray Glass Co., B'way & Benton
Hadley-Dean Glass Co.
Hafner Mfg. Co., Main & Dock
Kerwin Glass Co., 929 N 6th
Obear-Nester Glass Co., 2d & Chestnut
Other J. C. Art Glass Co., 312 N 17th
Pittsburgh Plate Glass Co., 10th & Spruce
Pockels Drug, Glass & Paint Co., Jefferson & Gravois
St. Louis Sash & Door Works, B'way & Destrehan
Thatcher-Kerwin Glass Co., 929 N 6th
Weigelt Glass & Mirror Co., 615-7 So 6th
Wendling Jos. Art Glass Co., 207 S Broadway
West St. Louis Glass Co., 21st & Pine
SPRINGFIELD—Springfield Pl'g Mill & Construction Co.
VALLEY PARK—Missouri Plate Glass Co.

MONTANA.

HELENA—Parchen Drug Co.

NEBRASKA.

LINCOLN—Western Glass & Paint Co.
OMAHA—Midland Glass & Paint Co.
Richardson Drug Co., 902 Jackson

NEW JERSEY.

HOBOKEN—Bloomberg Saml.
JERSEY CITY—Max Lewis, 52 Green
NEWARK—Bass Saml. M., 26 Bellevue av
Hockenjos J. J. Co., 829 Broad
Smith T. J. D., 65 Chambers
Newark Glass Co., 271 Market
Vanhorne D. A. & Co., 311 Mt. Pleasant av
PATERSON—Hamilton Lumber Mfg. Co.
Kier A. H.

NEW YORK.

ALBANY—Bradstreet Wm. H., 165 S Pearl
Cameron G. V. & F. W., 284 Central av
Wing Robt. B. & Son, 385 B'way
BINGHAMTON—Binghamton Glass Co.
Lawrence Paint Co.
Sanders H. H.
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Becker Glass & Paint Co., 372 Pearl
Booth Art Glass Co., 84 W Huron
Buffalo Glass Co., 101 E Seneca
Fostoria Glass Co., 311 Main
Fritzsche & Kleason, 197 E Genesee
Pittsburgh Plate Glass Co., 372 Pearl
Post's John C. Sons, 52 S Division
Wright A. B. & Co., 230 Washington
ELMIRA—Booth Irving D.
ITHACA—Tremman, King & Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Donnelly J. R. Co., 54 Classon av
 Elias Joseph & Co., 630 Jackson av
 Friedlander Jos. B. B. Co., 233 Washington
 Lazansky Emil, 324 Myrtle av
 Pittsburgh Plate Glass Co., 3d av & Dean

Boroughs of Manhattan and Bronx.

NEW YORK—Bache, Semon & Co., 636 Greenwich
 Bartelstone Bros., 4179 3d av
 Bartelstone & Co., 1170 B'way
 Crane Glass & Mfg. Co., 341 Hudson
 Dunham Thos. C., 68 Murray
 Edmonds Thos. C. & Co., 1826 Park av
 Goldman Philip, 81 Greene
 Goldstein Louis, 197 Bowery
 Griffen Benjamin, 40 Vestry
 Harris L. & Sons, 177 Greenwich
 Holbrook Bros., 89 Beekman
 Hutkoff Nathan & Co., 80 Greene
 Kahn Jacques, 533 W 37th
 Morris Theo. W. & Co., 440 Canal
 Pittsburgh Plate Glass Co., 322 Hudson
 Popper Leo & Sons, 143 Franklin
 Rubin Jacob, 11 James
 Schottland Benjamin, 105 Wooster
 Sutphen & Myer, 9 Desbrosses
 Thorpe Jno., 260 W B'way
 Von Bühren George, 9 Baxter
 Weber C. S. & Co., 8 Desbrosses

Borough of Queens.

LONG ISLAND CITY—Elias Jos. & Co., Jackson av
 (End of New York City)
 ROCHESTER—Barnard, Porter & Remington
 Clark Paint, Oil & Glass Co.
 Rugg C. H. Co.
 SYRACUSE—Brown Clinton C.
 Burhans & Black (Inc.)
 Wood Clarence W.
 Wood Glass Co.
 TROY—Curtis Fred W.
 Dauchy Chas. H. & Co.
 Thompson John L. & Son
 UTICA—Kellogg Chas. C. & Sons Co.

OHIO.

CINCINNATI—Cincinnati Plate Glass Co., 319 W 2d
 Foy Paint Co., 230 E 5th
 Glenn Wm. Glass Co., 10 W Commerce
 Kolbe John Co., 229 W 5th
 Meyer E. H. & Co., 35 E Court
 Neuer H. Glass Co., 518 Reading rd
 Pittsburgh Plate Glass Co., B'way & Court
 Washburn Ira D. Co., 906 Central av
 CLEVELAND—Cleveland Window Glass & Door Co., 209 Champlain av, N W
 Crane Glass & Mfg. Co., 206 St. Clair av
 Diamond Glass Co., 1447 W 25th
 Ohio Sash & Door Co., 711 Canal rd, N W
 Pittsburgh Plate Glass Co. (Mfrs), 3847 Hamilton av
 Saunders J. A. Co., 11830 Detroit av
 Teachout A. Co., 331 Prospect av, N W
 COLUMBUS—Columbus Plate & Window Glass Co., 69 E Long
 Coulsin J. W. & Co.
 Jones W. R. & Co. (Mfrs), Outlook bldg
 Von Gerichten Art Glass Co., 557 S High
 DAYTON—Irvine, Jewell & Vinson Co.
 West Side Lumber Co.
 HILLSBORO—Enterprise Planing Mill Co. (Wholesale, etc)
 TOLEDO—Toledo Plate & Window Glass Co.
 YOUNGSTOWN—Youngstown Glass & Paint Co.

OREGON.

PORTLAND—Central Door & Lumber Co.
 Fisher, Thorsen & Co.
 Illinois-Pacific Glass Co.
 Pioneer Paint Co.
 Rasmussen & Co.

PENNSYLVANIA.

ERIE—Erie Window Glass Co.
 PHILADELPHIA—Bennett G. S. & Co., 114 N 9th
 Bennett H. L., Phila. Bourse
 Hires, Turner Glass Co., 30th & Walnut
 Knorr Edwin B. & Bro., 1817 Orthodox, Fkd
 Pittsburgh Plate Glass Co., 11th & Arch
 Shoemaker Benj. H., 205 N 4th
 Star Glass Co., 106 N 4th
 Steele Glass Co., 622 Locust
 United States Glass Co., Denckla bldg
 PITTSBURGH—Conroy-Prugh Co., 1430 Western av
 Cunningham D. O. Glass Co., Jane & 22d
 Johnston Brokerage Co., 1st Nat. Bk. Bldg.
 Kim Geo. A. & Co., 318 1st av
 Pittsburgh Plate Glass Co., Frick Bldg
 READING—Kase J. M. & Co.
 RIDGWAY—Hyde-Murphy Co.

RHODE ISLAND.

PAWTUCKET—Tingley Frank E.
 PROVIDENCE—Johnson Oliver & Co., 24 Custom House
 Perkins Bros. Co., 970 Westminster
 Providence Sash & Blind Co., 309 Dean
 Rosenblatt Henry, 148 Fountain
 Smith-Holden Co., 24 South Water
 Starkweather & Williams Co., 47 Exchange pl

SOUTH CAROLINA.

CHARLESTON—Bird W. M. & Co.

TENNESSEE.

MEMPHIS—Binswanger & Co., Cole Mfg. Co.
 NASHVILLE—Beasley & Sons Co.
 Riddle Co.
 Warren Bros. Co.

TEXAS.

DALLAS—Texas Glass & Paint Co.
 EL PASO—Tuttle Paint & Glass Co.
 GALVESTON—Baulard V. L. & Co.
 Smith J. F. & Bro.

UTAH.

OGDEN—Ogden Paint, Oil & Glass Co.
 SALT LAKE CITY—Culmer S. Co.
 Ebert Geo. W. Co.

VIRGINIA.

NORFOLK—Building Supplies Corp.
 Nash C. A. & Son
 PORTSMOUTH—Hawks-Maupin Co.
 RICHMOND—Abrams Paint & Glass Co.
 Binswanger & Co.

WASHINGTON.

SEATTLE—Belknap C. C. Glass Co.
 Fuller W. P. & Co.
 SPOKANE—Fuller W. P. & Co.
 TACOMA—Fuller W. P. & Co.
 Wheeler-Osgood Co.

WEST VIRGINIA.

WHEELING—Chapman W. H. & Sons
 Wilson W. A. & Sons (Ornamental Prism Plate), 1409 Main

WISCONSIN.

APPLETON—Miller Lumber Co.
 LA CROSSE—Segelke & Kohlhaus Mfg. Co.
 MILWAUKEE—Patek Bros., 232 E Water
 Patton Jas. E. Co., 486 Market
 Yahr & Lange Drug Co., 207 E Water
 Zummach Wm. F., 281 W Water
 OSHKOSH—Morgan Co.
 RACINE—Driver Thos. & Sons Mfg. Co., (Ltd.)
 Weber-Bahnmann Co.

5464—Glass (Polished Plate, Mfrs.)

Allegheny Plate Glass Co., Glassmere, Pa.
 American Plate Glass Co., Kane, Pa.
 Columbia Plate Glass Co., Blairsville, Pa.
 Federal Plate Glass Co., Ottawa, Ill.
 Ford Edw. Plate Glass Co., Rossford, O.
 Heidenkamp Plate Glass Co., Springdale, Pa.
 Missouri Plate Glass Co., Valley Park, Mo.
 Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.
 Saginaw Plate Glass Co., Saginaw, Mich.
 Sman Bache & Co. ("Argentine"), 636 Greenwich, N. Y.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

5465—*Glass (Polished Wire)

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5466—Glass (Pressed Light, Mfrs.)

Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 RODEFER GLASS CO., THE, Bellaire, O.
See adv index at end of book
 U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.

5467—Glass (Prismatic Mfrs.)

See also Glass, Vault and Sidewalk
 American Bar Lock Co. ("Bar Lock" & "Nu Plan" with 3 Point Prism Lights), Long Island City, N. Y.
 American Luxfer Prism Co., General Office & Factory, 1018 37th, Chicago, Ill.
 American Three-Way Prism Co. (Three-Way Prisms), Main Office: La Porte, Ind.
 Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 Daylight Glass Mfg. Co., 411 Walnut, Philadelphia, Pa.
 Highland Glass Co. (Plate, etc), Washington, Pa.
 Maltby Prism Co., Flatiron bldg, New York
 Pressed Prism Plate Glass Co. ("Imperial" Plate Prism Glass), Morgantown, W. Va.
 RODEFER GLASS CO. THE (For Architectural Iron Work), Bellaire, O.
See adv index at end of book
 Solar Prism Co., Cleveland, O.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5468—Glass (Resilvering)

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 Stewart-Carey Glass Co., Indianapolis, Ind.

5469—Glass (Rough, Ribbed & Figured Rolled Plate Mfrs.)

Advance Glass Co., Newark, O.
 Gray & Son Glass Co., Falls Creek, Pa.
 Highland Glass Co., Washington, Pa.
 Marietta Glass Mfg. Co., Indianapolis, Ind.
 Mississippi Glass Co., 220 5th av, New York
 Pennsylvania Wire Glass Co., Penn. Bldg., Phila., Pa.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5470—*Glass (Rough & Ribbed, for Skylights)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5471—Glass (Sand Blast)

Empire Ornamental Glass Co., 437 Washington, New York
 Falconer Mirror Co., Falconer, N. Y.
 Jones Decorative Glass Co., Hudson av c Concord, Brooklyn, N. Y.
 Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
 WESTERN GLASS CO., Streator, Ill.
See adv index at end of book
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

5472—Glass (Skylight, Mfrs.)

Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 Highland Glass Co., Washington, Pa.
 Marietta Glass Mfg. Co., Indianapolis, Ind.
 Mississippi Glass Co., 220 5th av, New York
 Missouri Plate Glass Co. (Rough), Valley Park, Mo.
 Pennsylvania Wire Glass Co., Penn. Bldg., Phila., Pa.
RODEFER GLASS CO. THE (For Architectural Iron Work), Bellaire, O.
See adv index at end of book
 Sergeant Glass Co., Williamsport, Pa.
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
WESTERN GLASS CO., (Rough & Ribbed, etc), Streator, Ill.
See adv index at end of book

5472a— *Glass (Smalting)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5473—*Glass Specialties (Blown & Pressed)

RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book

5474— Glass Stainers

See also Memorial Windows

CALIFORNIA.

OAKLAND—Delacour Wm.
 Hooper-Dombrick Art Glass Co.
SAN FRANCISCO—Ingerson & Glaser Co., 1739 Sacramento
 Munich Art Glass Co., 667 Mission
 San Francisco Art Glass Co., 862 Mission
 United Glass Works, 1024 Mission

CONNECTICUT.

BRIDGEPORT—Bridgeport Art Glass Co.
HARTFORD—Hartford Stained Glass Works
NEW HAVEN—Beckman Otto F. Co.
 Puddicombe H. & Co.

ILLINOIS.

CHICAGO—Clinton Glass Co., 1000 W 21st
 Columbia Art Glass Co., 1956 N Halsted
 Englewood Art Glass Co., 6749 Emerald
 Eureka Art Glass Co., 2915 Lincoln
 Flanagan & Biedenweg Co., 312 W Illinois
 Giannini & Hilgart, 222 W Madison
 Heidelmeier Art Glass Works, 4613 W Clark
 Helmerich W. H. & Co., 719 Fulton
 Hooker H. M. Co., 651 W Wash'n
 Lake View Art Glass Works, 4908 Lincoln
 Linden Co., 1216 S Michigan av
 Munich Studio, 300 W South Water
 National Art Glass Co., 5247 S Green
 Neuhauser David L., 326 W Grand av
 Rawson & Evans Co., 710 W Wash'n blvd
 Schuler Art Glass Co., 617 W Jackson blvd
 Schuler-Mueller Co., 314 W Superior
 Temple Art Glass Co., 120 W Illinois
 Western Sand Blast Mfg. Co., 1027 W Madison
ROCKFORD—Rockford Art Glass Works

INDIANA.

INDIANAPOLIS—Schurmann E.
 Stewart-Carey Glass Co.

IOWA.

DAVENPORT—Decorative Art Glass Co.
DES MOINES—Allward-Bowman Glass Co.
DUBUQUE—Key City Decorative Glass Works

LOUISIANA.

NEW ORLEANS—Louisiana Glass & Mirror Works, 309 Lafayette

MAINE.

PORTLAND—Farley C. H. & Co.

MARYLAND.

BALTIMORE—Gernhardt H. T. & Co., 409 E Fayette
 Gettier Studios, 855 N Howard
 Hoffherr Geo. W., 409 E Fayette
 Smyth Wm., 620 N Eutaw
 Southern Stained Glass Co., 620 N Eutaw

MASSACHUSETTS.

BOSTON—Bartsch Valentine, Roslindale
 Beaumont & Aughtie, 36 Columbus av
 Colonial Stained Glass Works, 161 High
 Cushing & Anderson, 155 Dudley Rox
 Flagg L. G. & Co., Sudbury bldg
 Larrabee R. B., 98 Portland
 Phipps Horace J. & Co., 65 Bedford
 Spence, Bell & Co., 90 Canal
 Union Stained Glass Co., 708 Columbia rd
 Vaughan-O'Neill & Co., 82 Sudbury
 Wise G. W. Co., 86 Federal
WORCESTER—Worcester Stained Glass Works (David Welch, Prop.)

MICHIGAN.

DETROIT—Art Glass Co., 74 Fort, E
 Detroit Window & Stained Glass Co.
 Lee Edw. F. Glass Co.
GRAND RAPIDS—Grand Rapids Art Glass Co.
MENOMINEE—Menominee Stained Glass Co.

MINNESOTA.

DULUTH—St. Germain Bros.
MINNEAPOLIS—Ford Bros. Glass Co., 207 Washington av N
ST. PAUL—Paussek & Carr

MISSOURI.

KANSAS CITY—Kansas City Stained Glass Works Co., 1514 Wyandotte
ST. JOSEPH—St. Joseph Art Glass Co.
ST. LOUIS—Century Ornamental Glass Co., Delmar bldg
 Davis W. W., 3922 Olive
 Frei Emil Art Glass Co., 3934 S Grand av
 Jacoby Art Glass Co., 2700 St. Vincent
 Kerwin Glass Co., 929 N 6th
 Other J. C. Art Glass Co., 312 N 17th
 Weigelt Glass & Mirror Co., 615 S 6th
 Wendling Jos. Art Glass Co., 207 S B'way

NEW JERSEY.

NEWARK—Metzger Richard, 54 Duryea
 O'Halloran's Thos. Sons, 276 Halsey
 Sharpe Bros., 951 Broad
ORANGE—Stevens Jos.

NEW YORK.

ALBANY—Blockside Jas., 2 High
 Chapman Snowden Co., 222 Hudson av
BINGHAMTON—Rowland Chas. P.
BROOKLYN—(See New York City, Borough of Brooklyn, N. Y.)
BUFFALO—Booth Art Glass Co., 84 W. Huron
 Dwelle-Kaiser Co., 251 Elm
 Electric City Glass Co., 480 Genessee
 Frohe Leo. P., 220 B'way
 Post Art Glass & Dec. Co., 311 Oak
 Terhaar & Mundle, 433 William

NEW YORK CITY.**Borough of Brooklyn.**

BROOKLYN—Hausleiter Julius & Co., 298 Fulton
 Jones Decorative Glass Co., 231 Hudson av
 Keller John, 1050 B'way
 Lamb Maskell T., 44 Bergen
 Morgan Jno. & Sons, 17 Union av
 Muelbe L. F., 2724 Avenue F
 Stuetzle Chas., 106 S 8th
 Summers Chas., 1455-59th
 Tuckhorn Francis, 366 Atlantic av

Boroughs of Manhattan and Bronx.

NEW YORK—Armstrong, Maitland & Co., 61 Washington sq E
 Art Glass Studios, 374 E 141st
 Castle Montague London Co., 247 W 36th
 Colgate Art Glass Co., 8 Gansevoort
 Cornell Chas. J., 345 W B'way
 Cornell J C & Co., 359 W 42nd
 Decorative Stained Glass Co., 312 W 34th
 Dodge Robert L., 242 W 14th
 Geissler Rudolph, 56 W 8th
GORHAM CO., ARCH'L BRONZE, 5th av & 36th; Works: Providence, R. I. *See adv index at end of book*
 Grimm A. C., 30 Lexington av
 Hamilton Geo., 956 Lind av
 Heaton, Butler & Bayne (Ltd.), 437 5th av
 Henderson Bros, 317 E 64th
 Herrlein & Henrich Co., 99 Hudson
 Hillenbrand Edw. F., 257 W 29th
 Howard Glass Works, 104 Chambers
 Imperial Art Glass & Lamp Works, 205 W 19th
 Koechig Julius C., 717 6th av
 Lamb J. & R., 25 6th av
 Malz Herman, 19 E 14th
 Magin Chas., 17 E 14th
 Mayer & Co., 178 Madison av
 Morgan John & Son, 96 5th av
 Popper Leo & Sons, 143 Franklin
 Quinn Jno, F. Co., 256 W. 81st
 Righter & Kolb, 420 Madison av
 Spiers, Lederle Glass Co., 900 6th av
 Standard Art Glass Co., 237 Lafayette
 Tiffany Studios, 361 Madison av
 Tyrolese Art Glass Co., 25 W B'way
 Von Gerichten Art Glass Co., 52 Morningside av
 (End of New York City)

ROCHESTER—Chapin Louis S.
 Gustafson J. H.
 Haskins Art Glass Co.
 Pike Stained Glass Co., 191 East av

OHIO.

CINCINNATI—Anchor Art Glass Co., 421 Elm
 Riordan G. C. & Co., 313 Walnut
 Ruckel Art Glass Co., Pugh bldg
CLEVELAND—Ursem L. J. Art Shade Co., Columbia Bldg.
 Whipple Art Glass Co., 409 Prospect av N W
COLUMBUS—Rosbach Art Glass Works, 101 W Broad
 Von Gerichten Art Glass Co., 557 S High
DAYTON—Dayton Art Glass Works
TOLEDO—Toledo Art Glass & Mirror Works, 416 S St.
YOUNGSTOWN—Ohio Art Glass Co.

OREGON.

PORTLAND—Portland Art Glass Works, 285½ Taylor
 Povey Bros. Glass Co., 100 N 5th

PENNSYLVANIA.

ERIE—Messenger Benj.
PHILADELPHIA—Callanan Martin, 421 N 19th
 Century Stained Glass Works (Ltd.), 212 S 11th
 Columbia Stained Glass Works, 25 S 2d
 Decorative Glass Co., 3248 Chestnut
 Dukes Glass Works, 2217 Chestnut
 Godwin Alfred, 2217 Chestnut
 Hawkins Alfred W. & Son, 1823 S 19th
 Marcus Bros., 866 N 10th
 Oesterle Stained Glass Works, 327 N 11th
 Quaker City Stained Glass Works, 222 N 4th
 Reith Wm., 134 N 7th
 Schmitt Chas. N., 4th & Callowhill
 Smith H. J. & Sons, 236 S 8th
 Weeder F. Ellsworth, 34 S 16th
 West Phila. Art Glass Works, 4219 Market
PITTSBURGH—Hunt Henry, 175 Steuben
 Petgen Co., 6709 Hamilton av
 Pittsburgh Art Glass Co., Warden & McCartney
 Pittsburgh Stained Glass Works, 6709 Hamilton av
 Rudy Bros. Co., Highland & Center
 Twin City Art Glass Works, 14 E Lackock
READING—Kase J. M. & Co.

The Rodefer Glass Company

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Decorations. Blown and Pressed Specialties in Private Moulds

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TENNESSEE.

MEMPHIS—Kemnitz Emil, 280 S 3d

VIRGINIA.

RICHMOND—Bunce Art Glass Co.

WASHINGTON.

SEATTLE—Puget Sound Art Glass Co.
Suess Glass Co.

WISCONSIN.

LA CROSSE—Art Glass Co.
MILWAUKEE—Bell Art Glass Works,
2416 North av
Breen Art Glass Co, 29 Martin
Enterprise Art Glass Works, Enter-
prise bldg
Gavin Mirror & Art Glass Works,
Mfrs, Home bldg
Milwaukee Mirror, Art & Glass Works,
203 B'way

5475—Glass Stainers' Supplies

Deissler P. & Bro., 249 S 6th, Phila., Pa.

5476—Glass (Structural Sanitary)

Marietta Glass Mfg. Co., Indianapolis, Ind.
Opalite Tile Co. ("Cosmos," "Opalite"),
Monaca, Pa.
Standard Plate Glass Co. (Jobbers), 30
Sudbury, Boston, Mass.

5477—Glass (Vault & Sidewalk)

Cambridge Glass Co. (Pressed), Cam-
bridge, O.
Canton Glass Co., Marion, Ind.
Co-Operative Flint Glass Co., Beaver Falls,
Pa.
Imperial Glass Co., Charleroi, Pa.
Parker Bros. Glass Mfg. Co., Bridgeton,
N. J.

RODEFER GLASS CO., THE (Tiling for Architectural Iron Work), Bellaire, O.

See adv index at end of book

Smith L. E. Glass Co., Mt. Pleasant, Pa.
Sneath Glass Co., Hartford City, Ind.
Standard Plate Glass Co., 30 Sudbury,
Boston, Mass.
U. S. Glass Co., S 9th & Bingham, Pitts-
burgh, Pa.
Whitall & Tatum Co., 410 Race, Phila., Pa.

5478—Glass (Window, Mfrs.)

Alleghany Window Glass Co., Port Alle-
gany, Pa.
American Window Glass Co., Farmers'
Bank bldg, Pittsburgh, Pa.
Baker Bros. Glass Co., Okmulgee, Okla.
Banner Window Glass Co., South Charles-
ton, W. Va.
Baur Window Glass Co., Eaton, Ind.
Blackford Window Glass Co., Vincennes,
Ind.
Brookville Glass & Tile Co., Brookville, Pa.
Buckeye Window Glass Co., Bonham av,
Columbus, O.
Caddo Window Glass Co., Shreveport, La.
Camp Glass Co., Huntington, W. Va.
Charleston Window Glass Co., Charleston,
W. Va.
Clarksburg Glass Co., Clarksburg, W. Va.
Cole Glass Co., Lancaster, O.
Columbus Glass Co., Lancaster, O.
Consolidated Window Glass Co., Bradford,
Pa.
Crescent Window Glass Co., Weston W. Va.
Doddridge Window Glass Co., West Union,
W. Va.
Dunkirk Window Glass Co., South Charles-
ton, W. Va.
Eldred Window Glass Co., Punxsutawney,
Pa.
Empire Glass Co., Shingle House, Pa.
Fairmont Window Glass Co., Fairmont,
W. Va.
Federated Glass Co., Point Marion, Pa.

Fredonia Window Glass Co., Fredonia,
Kans.

Ideal Window Glass Co., West Union, W.
Va.

Independent Glass Co., Sisterville, W. Va.
Ithaca Glass Mfg. Co., Spring City, Pa.
Jeannette Window Glass Co., Point Ma-
rion, Pa.

Johnston Glass Co., Hartford City, Ind.
Kane Glass Co., Kane, Pa.
Lafayette Window Glass Co., Clarksburg,
W. Va.

Licking Window Glass Co., Utica, O.
Mannington Window Glass Co., Manning-
ton, W. Va.

Masontown Glass Co., Masontown, Pa.
Modern Window Glass Co., Salem, W. Va.
National Sash & Door Co., Coffeyville,
Kans.

New Bethlehem Window Glass Co., New
Bethlehem, Pa.

Patterson Glass Mfg. Co., Cameron, W.
Va.

Peerless Window Glass Co., Clarksburg,
W. Va.

Pennsylvania Window Glass Co., Kane, Pa.
Point Marion Window Glass Co., Point
Marion, Pa.

Salem Co-operative Window Glass Co.,
Salem, W. Va.

Sandusky Glass Co., Sandusky, O.
Smethport Glass Co., Smethport, Pa.
Standard Plate Glass Co. (Jobbers), 30
Sudbury, Boston, Mass.

Tuna Glass Co., Clarksburg, W. Va.
U. S. Window Glass Co., Morgantown, W.
Va.

Utica Glass Co., Utica, O.
West Fork Glass Co., Clarksburg, W. Va.
Wilcox Glass Co., Kane, Pa.

5478a—*Glass (Windshield)

STANDARD PLATE GLASS CO., 30 Sud-
bury, Boston, Mass.

CCLASSIFICATIONS which are marked thus (*) are not
Standard Classifications and are only used for those concerns
who advertise or pay for Bold Face Listings. Other concerns in similar
lines of business will always be found under the Standard Classifications.

5479— Glass (Wire)

See also Wire for Glass Wire Mfrs.
 Highland Glass Co., Washington, Pa.
 Marietta Glass Mfg. Co., Indianapolis, Ind.
 Mississippi Glass Co., Morgantown, W. Va.
 Mississippi Wire Glass Co., 220 5th av,
 New York
 Pennsylvania Wire Glass Co. ("Aque-
 duct," "Cobweb"), Penn bldg, Phila.,
 Pa.
 Standard Plate Glass Co. (Jobbers), 30
 Sudbury, Boston, Mass.
WESTERN GLASS CO., Streator, Ill.
See adv index at end of book
 Wissmach Paul Glass Co., Paden City, W.
 Va.

5480—*Glass (Wire, Approved Fire Stop)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5481-2—*Glass (Wire, for Fire-Proof Windows)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5483—*Glass (Wire, Holly)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5484—*Glass (Wire, Skylight)

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5485— Glasses (Cylindrical)

DIAMOND SPECIALTY & SUPPLY CO.
 (Oil Cups), Harrison bldg, Phila., Pa.
 German-American Glass Wks, Phila., Pa.
LUNKENHEIMER CO. Executive Offices
 & Factories: Beekman & Waverly,
 Cincinnati, O.
See adv index at end of book
 Rogers H. A. Co., 87 Walker, New York

5486— Glasses (Jelly)

Ball Bros. Glass Mfg Co. ("Ball" Jelly
 Glasses & Tumblers), Muncie, Ind.
 Federal Glass Co., Columbus, O.
 Imperial Glass Co., Bellaire, O.
 Indiana Glass Co., Dunkirk, Ind.

5487—Glasses (Level & Plumb)

Staniford J. W. & Co., 40 Hanover, Boston,
 Mass.

Glasses (Oil Cup)

See Glasses, Cylindrical

5488—Glasses (Opera & Field)

American Thermo-Ware Co. (Imp), 16
 Warren, New York
 Bausch & Lomb Optical Co. (Field Only),
 Rochester, N. Y.
 King Julius Optical Co. (Imp), 10 Maiden
 la, New York
 Scheidig John & Co. (Imp), 32 Maiden
 la, New York
 Spencer Optical Co. (Imp.), 5 Maiden la,
 New York
 Sussfeld, Lorsch & Co. (Imp.), 90 Maiden
 la, New York
 Wagner Bros. & Co. (Imp), 71 W. 23d,
 New York

5489— Glasses (Port Hole)

Bache, Semon & Co. (Imp.), 636 Green-
 wich, New York
 Cambridge Glass Co., Cambridge, O.
 Gallagher P. J., 24 New Chambers, New
 York
 Standard Plate Glass Co., 30 Sudbury,
 Boston, Mass.

WESTERN GLASS CO., Streator, Ill.
See adv index at end of book

5490— Glasses (Reading)

Bausch & Lomb Optical Co., Rochester,
 N. Y.

5491— Glasses (Reducing)

Bausch & Lomb Optical Co., Rochester,
 N. Y.

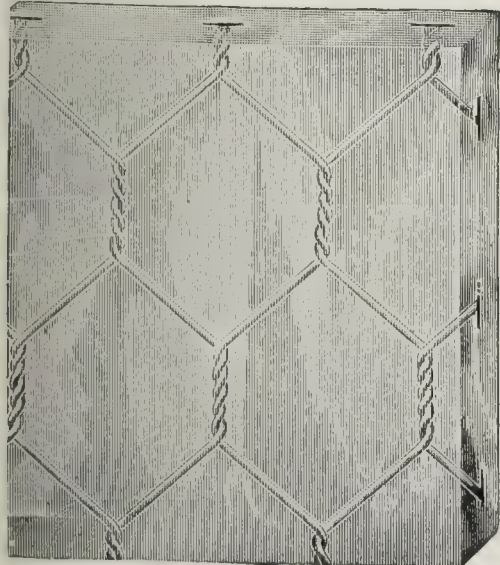
**5492—Glassware (Chemical & Drug-
gists')**

Allen Henry, 138 William, New York
 Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 Co-Operative Flint Glass Co. (Druggists'),
 Beaver Falls, Pa.
 Corning Glass Works, Corning, N. Y.
 Doerr Glass Co. (Finished), Vineland,
 N. J.
 Eagle Glass & Mfg. Co., Wellsburg, W.
 Va.
 Gillinder & Sons, State & Devereaux,
 Phila., Pa.
 Hagerty Bros. & Co., 10 Platt, New York
 Hazel Atlas Glass Co. (Druggists'),
 Wheeling, W. Va.
 International Glass Co., Millville, N. J.
 Kimble Glass Co., 402 W Randolph, Chi-
 cago, Ill.
 Laboratory Supply Co., 236 N 3d, Colum-
 bus, O.
 Lenz Apparatus Co., 9 E 16th, New York
 McKee Glass Co. (Soda Fountain, Glass-
 ware), Jeannette, Pa.
 Ruth Glass Co., Conshohocken, Pa.
 Swindell Bros., Bayard & Russell, Balti-
 more, Md.

Vineland Flint Glass Works (Unfinished),
 Vineland, N. J.
 Vineland Scientific Glass Co. (Finished),
 Vineland, N. J.
 Wagner Glass Works (Chemical Glassware
 & Apparatus), 697 E 132nd, New York
 Whitall, Tatum Co., 410 Race, Phila., Pa.

5493— Glassware (Cut)

American Cut Glass Co., Lansing, Mich.
 Becker & Brisbois, 123 Middleton, Brook-
 lyn, N. Y.
 Bergen J. D. Co., Meriden, Conn.
 Blackmer Cut Glass Co., New Bedford,
 Mass.
 Buffalo Cut Glass Co., Batavia, N. Y.
 Bush Glass Co., Lansing, Mich.
**California Cut Glass Mfg. Co., Pasadena,
 Cal.**
 Camden City Cut Glass Co., Camden, N. J.
 Campbell Thomas B. & Co., 42 So 8th,
 Brooklyn, N. Y.
 Central Cut Glass Co., 1114 E 63d, Chi-
 cago, Ill.
 Central Glass Works, Wheeling, W. Va.
 Clark T. B. & Co., Honesdale, Pa.
 Clinton Cut Glass Co., Aldenville, Pa.
 Corning Glass Works, Corning, N. Y.
 Corona Cut Glass Co., Toledo, Ohio
 Crown Cut Glass Co., Hancock, N. Y.
 Crystal Cut Glass Co., Honesdale, N. Y.
 Dorflinger C. & Sons, White Mills, Pa.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
 Economy Tumbler Co., Morgantown, W.
 Va.
 Egginton O. F. Co., Corning, N. Y.
 Empire Cut Glass Co., Flemington, N. J.
 Enterprise Cut Glass Co., Elmira Heights,
 N. Y.
 Ferstler Christian, 2346 Summerfield,
 Brooklyn, N. Y.
 Figueria Cut Glass Co., Hammonton, N. J.
 Fostoria Glass Co., Moundsville, W. Va.
 Frizlen Cut Glass Co., Vineland, N. J.
 Frontier Cut Glass Co., Buffalo, N. Y.
 Fry H. C. Glass Co., Rochester, Pa.
 Gibbs W. H. & Co., Stroudsburg, Pa.
 Giometti Bros., Corning, N. Y.
 Halter Cut Glass Co., 265 Franklin av,
 Brooklyn, N. Y.
 Herrfeldt J. H. & Co., 72 Grand av, Brook-
 lyn, N. Y.
 Hoare J. & Co., Corning, N. Y.
 Honesdale Union Cut Glass Co., Honesdale,
 Pa.
 Hope Glass Works, 161 Dorrance, Provi-
 dence, R. I.
 Hunt Glass Co., Corning, N. Y.
 Ideal Cut Glass Co., Canastota, N. Y.
 Imperial Glass Co., Bellaire, O.
 International Silver Co., Meriden, Conn.
 Irving Cut Glass Co., Honesdale, Pa.
 Jewel Cut Glass Co., 200 5th av, New York
 Johnson-Carlson Cut Glass Co., 30 E Ran-
 dolph, Chicago, Ill.



Wire Glass

Fully Approved by National
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 and POLISHED.**

**ALL PATTERNS OF
 FIGURED GLASS**

of exquisite and artistic designs,
 meeting the most exacting
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THE WESTERN GLASS CO., Streator, Ill.

Kelly & Steinman, Deposit, N. Y.
 Keystone Cut Glass Co., Hawley, Pa.
 Kiefer Bros. Cut Glass Co., 4 Ralph av, Brooklyn, N. Y.
 Kings County Rich Cut Glass Works, 174 N 4th, Brooklyn, N. Y.
 Koch Cut Glass Co., 159 W State, Chicago, Ill.
 Krantz & Sell Co., Honesdale, Pa.
 Kupfer Emil F., 239 Greenpoint av, Brooklyn, N. Y.
 Laurel Cut Glass Co., Jermyn, Pa.
 Levien Louis Cut Glass Co., 164 5th av, New York
 Libbey Glass Co., Toledo, O.
 Liberty Cut Glass Works, Egg Harbor City, N. J.
 Lotus Cut Glass Co., Barnesville, O.
 Lum Wm. H. & Son, 508 Broome, N. Y.
 McCue John J., 683 Lorimer, Brooklyn, N. Y.
 McKanna Cut Glass Co., Honesdale, Pa.
 McKee Glass Co., Jeannette, Pa.
 Maple City Glass Co., Honesdale, Pa.
 Mayer E. W., Port Jervis, N. Y.
 May's Landing Cut Glass Co., May's Landing, N. J.
 Meriden Cut Glass Co. (Br. of International Silver Co.), Meriden, Conn.
 Metropolitan Cut Glass Co., 862 Metropolitan av, Brooklyn, N. Y.
 Monroe C. F. Co., Meriden, Conn.
 Mound City Cut Glass Works, Moundsville, W. Va.
 Mound Valley Glassware Mfg. Co., Mount Valley, Kans.
 Newark Cut Glass Co., 60 Arlington, Newark, N. J.
 Niagara Cut Glass Co., Buffalo, N. Y.
 Niland J. J. Co., Meriden, Conn.
 O'Connor Arthur E., Goshen, N. Y.
 Oakland Cut Glass Co., 184 Oakland, Brooklyn, N. Y.
 Packwood Northwood Glass Co., Sandwich, Mass.
 Pairpoint Corp., New Bedford, Mass.
 Parsche F. X. & Son, 1434 Orleans, Chicago, Ill.
 Phoenix Glass Co., 2d Natl Bank bldg, Pittsburgh, Pa.
 Pioneer Cut Glass Co., Carbondale, Pa.
 Quaker City Cut Glass Co., 60th & Baltimore av, Phila., Pa.
 Rochester Cut Glass Co., Rochester, Pa.
 Rockwell Silver Co., Meriden, Conn.
 Seneca Glass Co., Morgantown, W. Va.
 Shea John J. & Son, Cambridge, Mass.
 Shields C. W., Hawley, Pa.
 Shotten Thos. Cut Glass Wk, 482 Driggs av, Brooklyn, N. Y.
 Silver City Cut Glass Co., Meriden, Conn.
 Sinclair H. P. & Co., Corning, N. Y.
 Skinner W. & Son, Hammon, N. J.
 Sterling Glass Co., Celestial Mt av, Cincinnati, O.
 Stott Bros., 4450 Main, Manayunk, Phila., Pa.
 Stott John W., 3600 Cresson, Manayunk, Phila., Pa.
 Susquehanna Cut Glass Co., Columbia, Pa.
 Tarentum Glass Co., Tarentum, Pa.
 Tuthill Cut Glass Co., Middletown, N. Y.
 Twin City Cut Glass Co., St. Paul, Minn.
 Union Glass Co., Somerville, Mass.
 U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.
 Walsh David, Somerville, Mass.
 Wangaum Cut Glass Co., Hawley, Pa.
 Wayne Cut Glass Co., Towanda, Pa.
 Westmoreland Specialty Co., Grapeville, Pa.
 Wickham Cut Glass Co., Scranton, Pa.

5494—Glassware (Decorated)

Imperial Glass Co., Bellaire, O.
 U. S. Glass Co., S 9th & Bingham, Pittsburgh, Pa.

5495—Glassware (Electrical)

Bournique Glass Co., Kokomo, Ind.
 Canton Glass Co., Marion, Ind.
 Fensterer & Ruhe (Imp.), 37 Murray, New York
 Pittsburgh Lamp, Brass & Glass Co. (Bowls, etc), 130-7th, Pittsburgh, Pa.

5496—Glassware (Opal & Crystal)

Canton Glass Co., Marion, Ind.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
 Hazel Atlas Glass Co., Wheeling, W. Va.
 Point Marion Glass Novelty Co. (Opal), Point Marion, Pa.

Glassware (Packers')

See Jars, Fruit

5497—Glassware (Pressed)

Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 Federal Glass Co., Columbus, O.
 Hazel Atlas Glass Co. (Tumblers), Wheeling, W. Va.
 Imperial Glass Co., Bellaire, O.
 Jenkins D. C. Glass Co. (Also Blown), Kokomo, Ind.
 McKee Glass Co., Jeannette, Pa.

5498—Glassware (Stationers')

Canton Glass Co., Marion, Ind.
 McKee Glass Co., Jeannette, Pa.
 Tatum Sam'l C. Co., Cincinnati, O.

5499—Glassware (Table)

See also Tumblers, Glass

Athens Glass Co., Morgantown, W. Va.
 Beaver Valley Glass Co., Rochester, Pa.
 Bryce Bros. Co., Mt. Pleasant, Pa.
 Co-Operative Flint Glass Co., Beaver Falls, Pa.
 Duncan & Miller Glass Co., Washington, Pa.
 Federal Glass Co., Columbus, O.
 Fenton Art Glass Co., Williamstown, W. Va.
 Fostoria Glass Co., Moundsville, W. Va.
 Gillinder & Sons, State & Devereaux, Phila., Pa.
 Halsey A. H. & Co., Newark, O.
 Imperial Glass Co., Bellaire, O.
 Indiana Glass Co., Dunkirk, Ind.
 Jefferson Glass Co. ("Chippendale Quality"), Follansbee, W. Va.
 Jenkins D. C. Glass Co., Kokomo, Ind.
 Lancaster Glass Co. (Imitation Cut), Lancaster, O.
 Lippincott Glass Co., Greenwood bldg, Cincinnati, O.
 McKee Glass Co., Jeannette, Pa.
 New Martinsville Glass Mfg. Co., New Martinsville, W. Va.
 Northwood H. Co., Wheeling, W. Va.
 Oriental Glass Co., 800 Sarah, Pittsburgh, Pa.
 Potomac Glass Co., Cumberland, Md.
 Seneca Glass Works, Morgantown, W. Va.

5500—Globes (Arc Lamp)

Bournique Glass Co., Kokomo, Ind.
 Co-Operative Flint Glass Co., Beaver Falls, Pa.
 Corning Glass Works, Corning, N. Y.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
 Fensterer & Ruhe (Inner), 37 Murray, New York
 Gill Bros. Co., Steubenville, O.
 Gill & Co., E. York & Thompson, Phila., Pa.
 Gillinder & Sons, State & Devereaux, Phila., Pa.
 Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
 Haskins Glass Co., Martins Ferry, O.
 Holophane Glass Works of Gen Elec. Co. ("Nubiac" Inner), Newark, O.
 Jefferson Glass Co., Follansbee, W. Va.
 Libbey Glass Co., Toledo, O.
 Lippincott Glass Co. (Inner Arc, etc), Greenwood bldg, Cincinnati, O.
 Macbeth-Evans Glass Co. ("Thermo," "Alba"), Wabash bldg, Pittsburgh, Pa.
 Mound Valley Glassware Mfg. Co., Mound Valley, Kan.
 Pairpoint Corporation, New Bedford, Mass.
 Phoenix Glass Co., 230 5th av, New York, & Pittsburgh, Pa.
 Wellington Glass Co., Cumberland, Md.

5501—Globes for Incandescent Light

Bournique Glass Co., Kokomo, Ind.
 Co-Operative Flint Glass Co., Beaver Falls, Pa.
 Consolidated Lamp & Glass Co., 66 West B'way, New York
 Corning Glass Works, Corning, N. Y.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
 Gill & Co., E. York & Thompson, Phila., Pa.
 Gillinder & Sons, State & Devereaux, Phila., Pa.
 Gleason-Tiebout Glass Co., 93 Commercial, Brooklyn, N. Y.
 Handel Co. (Decorated, etc), Meriden, Conn.
 Haskins Glass Co., Martins Ferry, O.
 Holophane Glass Works of Gen Elec. Co., Newark, O.

Imperial Glass Co., Bellaire, O.
 Jefferson Glass Co., Follansbee, W. Va.
 Lippincott Glass Co. (Inner Arc, etc), Greenwood bldg, Cincinnati, O.
 Macbeth-Evans Glass Co. ("Thermo," "Alba," "Monax"), Wabash bldg, Pittsburgh, Pa.
 Nelite Works ("Holophane"), Cleveland Ohio
 Pairpoint Corporation, New Bedford, Mass.
 Phoenix Glass Co. (Electric & Gas), 230 5th av, New York & Pittsburgh, Pa.
 Safety Wire Gas Globe Co. ("Protect-a-lite"), Columbus, O.
 Star Glass Co., Star City, W. Va.

5502—Globes (Fresnal, for Steamships)

Sneath Glass Co. (All Colors), Hartford City, Ind.

Globes (Glass Fish)

See Aquariums, Glass

Globes (Inner Arc)

See Globes, Arc Light

5503—Globes (Lantern)

American Glass Specialty Co. (Ruby), Monaca, Pa.
 Corning Glass Works ("Nonex"), Corning N. Y.
 Crescent Glass Co. ("Ruby"), Wellsburg, W. Va.
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.
 German-American Glass Works, Phila., Pa.
 Gill Bros. Co., Steubenville, O.
 Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
 Jenkins D. C. Glass Co., Kokomo, Ind.
 Libbey Glass Co., Toledo, O.
 Lippincott Glass Co., Greenwood bldg, Cincinnati, O.
 McKee Glass Co., Jeannette, Pa.
 Macbeth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.
RODEFER GLASS CO., THE (For Lantern Mfrs), Bellaire, O.
See adv index at end of book
 Sneath Glass Co. (All Colors), Hartford City, Ind.
 Star Glass Co., Star City, W. Va.
 Storrs Mica Co. (Mica), Owego, N. Y.
 Tulsa Glass Co., Tulsa, Okla.
 Williamsburg Flint Glass Co., 260 Boerum Brooklyn, N. Y.

5504—Globes & Shades (Prismatic)

Lensed Electric Shade Co., 101 Warren New York
 Macbeth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.
 Nelite Works ("Holophane"), Cleveland Ohio
 Phoenix Glass Co., 2d National Bank bldg, Pittsburgh, Pa.
 Welsbach Gas Lamp Co., 1008 Filbert, Phila., Pa.

5504a—*Glove Boxes

du Pont E. I. De Nemours & Co. (The Arlington Works), 725-27 Broadway New York

5504b—Glove Menders

du Pont E. I. De Nemours & Co. (The Arlington Works), 725-27 Broadway New York.

5505—Gloves (Automobile)

Bradford R. E., Gloversville, N. Y.
 Carron & Co., 75 Beekman, New York
 Cravenette Glove Mfg. Co., 55 Woodbridge Detroit, Mich.
 Dayton Glove Co., 11 St. Marys, Dayton, O.
 Detroit Leather Specialty Co., 275 Beebe av, Detroit, Mich.
 Ellsworth & Thayer Mfg. Co., 338 B'way Milwaukee, Wis.
 Fried-Ostermann-Meyer Co., 623 Reed Milwaukee, Wis.
 Gloversville Auto Glove Co., Gloversville N. Y.
 Hansen O. C. Mfg. Co., 291 Milwaukee Milwaukee, Wis.

Morawetz Co., 217 E Water, Milwaukee, Wis.
Morrison-Ricker Mfg. Co., Grinnell, Ia.
Syracuse & Eldridge Glove & Mitten Co., Syracuse, N. Y.
Walrath Glove Co., Gloversville, N. Y.

5506—Gloves (Baseball, Boxing & Fencing)

Chicago Sporting Goods Mfg. Co. ("Dux-Fut"), 123 S Jefferson, Chicago, Ill.
Draper, Maynard Co., Plymouth, N. H.
Goldsmith's P. Sons, John Findlay & Charlotte, Cincinnati, Ohio.
Jarvis W. B. Co. ("Ty Cobb" Catchers' Mits & Gloves & Boxing Gloves, etc), Grand Rapids, Mich.
Peach J. A., Gloversville, N. Y.
Rawlings Mfg. Co. ("Reynolds" Catchers' Mits), 23d & Lucas av, St. Louis, Mo.
Reach A J, Tulip & Palmer, Phila., Pa.
Rogers Sporting Goods Co., Springfield, Mass.
Spalding A. G. & Bros., 126 Nassau, New York
Stall & Dean Mfg. Co., 855 Elston av, Chicago, Ill.
Tryon Edw. K. Co. ("Tryon"), 611 Market, Phila., Pa.
Victor Sporting Goods Co., Springfield, Mass.
Wright & Ditson, 344 Washington, Boston, Mass.

5507—Gloves (Bee, Rubber)

Kretchmer Mfg. Co., Council Bluffs, Ia.

5508—Gloves (Canvas)

Beebe Glove Co., Richmond, Ind.
Boss Mfg. Co., 70 Washington, Brooklyn, N. Y.
Cambridge Roofing Co., Cambridge, O.
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.
Defiance Glove & Mitten Works Co., Defiance, O.
Detroit Glove & Mfg. Co., 64 Congress, W. Detroit, Mich.
Hamilton G. H. Mfg. Co. (Canton Flannel & Jersey, Also Mittens), Beaver, Pa.
Houghten Chas. T. & Co., 493 Baker, Detroit, Mich.
Indianapolis Glove Co., Indianapolis, Ind.
Inskeep Mfg. Co., Washington, O.
Knoxville Glove Mfg. Co., Knoxville, Tenn.
McBride Chas. L. Mfg. Co., Toledo, O.
Moosic Mfg. Co., Moosic, Pa.
National Glove Co. (Leather Faced), Columbus, Ohio
New Bethlehem Fabric Mfg. Co., New Bethlehem, Pa.
North Star Mfg. Co., Tacoma, Wash.
Prescott F. H. Co., Auburn, N. H.
Progress Mfg. Co., Racine, Wis.
Seal W. E. & Co., Millersburg, Pa.
Shearston Lowell Mfg Co., Lockport, N. Y.
Standard Mfg. Co., Lockport, N. Y.
Witenberg Mfg. Co., Tacoma, Wash.

5508a—Gloves (Cotton Flannel)

Boss Mfg. Co., Kewanee, Ill.
Hamilton G. H. Mfg. Co. (& Jersey Cloth), Beaver, Pa.
Service Glove Co. (& Jersey Cloth), 8 Oliver, Newark, N. J.

5509—Gloves (Husking)

Boss Mfg. Co. (Riveted, Canton Flannels, etc), Kewanee, Ill.
Cleveland Lock Works, Cleveland, O.

Gloves (Insulating)

See Gloves, Rubber

5510—Gloves (Leather)

Adler Jacob & Co., Gloversville, N. Y.
Aeppli & Smith, 4821 N. Troy, Chicago, Ill.
Block H. & L., 149 2d San Francisco, Cal.
Chicago Tanning Co., 130 W Austin av, Chicago, Ill.
Conay Glove Co., 115 E 23d, New York
Detroit Leather Specialty Co. ("F. P. Sargent," Electrical Railroad), 275 Beecher, Detroit, Mich.
Economy Glove Co., Ft. Wayne, Ind.
Eisendroth Glove Co. (Heavy Duty), Armitage & Elston, Chicago, Ill.
Hansen O. C. Mfg. Co., 291 Milwaukee, Milwaukee, Wis.
Kay Glove Co., Manitowoc, Wis.
Morrison-Ricker Mfg. Co. ("Grinnell Wrist Fit" & Grinnell Ventilator) Grinnell, Ia.

National Glove Co. (Mule, Napa, Goat, Horse Hide, Hog, Sheep & Split Leather), Columbus, O.
Osborn C. D. Co., 2201 Wabansia av, Chicago, Ill.
Russell Frank Glove Co., Berlin, Wis.
Salisbury W. H. & Co., 105 S. Wabash av, Chicago, Ill.

5511—Gloves (Rubber)

Aetna Rubber Co., 815 E 79th, Cleveland, Ohio
Alliance Rubber Co., Alliance, Ohio
Canton Rubber Co., Canton, O.
Chicago Glove & Mitten Co., Chicago, Ill.
Combination Rubber Mfg. Co. (Surgeon's Tissue), Bloomfield, N. J.
Consumers Rubber Co. ("Standard"), Cleveland, O.
Davol Rubber Co., 69 Point, Providence, R. I.
Dunton M. W. Co. ("Safety First"), 150 Niagara, Prov., R. I.
Faultless Rubber Co. ("Hi-Test," "Hi-Voltage"), Ashland, O.
Goodrich B. F. Co., Akron, O.
Goodyear Rubber Co. & Rubber Clothing Co., 787 B'way, New York
Hodgman Rubber Co., 8 W 40th, New York
L. & M. Rubber Co., Carrollton, O.
Lee Tire & Rubber Co. (Also finger cots), Conshohocken, Pa.
Massillon Rubber Co., Massillon, Ohio
Miller Rubber Co. (Also Finger Cots), Akron, O.
National India Rubber Co., Bristol, R. I.
Realty Rubber Co. (Pure Gum, Surgeons'), Massillon, O.
Rubber Products Co., Barberton, O.
Seamless Rubber Co., New Haven, Conn.
Star Rubber Co. ("Nepto," "Luna," "Veno"), Akron, O.
Tyer Rubber Co., Andover, Mass.

5511a—Gloves (Sand Blasting)

Hickory Steel-Grip Glove Co., 2418 Diversey av, Chicago, Ill.

5512—Gloves & Mittens (Knitted)

American Golf Glove Co. (Plain & Fancy Worsted Golf Gloves), 5127 Lena, Gtn., Phila., Pa.
Armstrong William (Wool, Worsted & Merino Gloves), Needham Heights, Mass.
Ashoyton Knitting Co. (Gloves), Shelburne Falls, Mass.
Augstein S. & Co. (Worsted), 352 4th av, New York
Bailey Knitting Mills, Fort Plain, N. Y.
Bailey Oscar L. & Co. (Silk, Wool & Worsted Mittens & Gloves for Men, Women & Children), Everett, Mass.
Bell Knitting Co. (Wool, Worsted & Merino), 352 4th av, New York
Breathwaite Thos. (Gloves), Vineland, N. J.
Burns & Snow (Worsted, for Men, Women & Children), Nashua, N. H.
Carter Wm. Co., Needham Heights, Mass.
Chapman Knitting Mills, 68 E 131st, New York
Chicago Glove & Mitten Co., Chicago, Ill.
Clare Knitting Mills (Cotton, Woolen & Worsted Mittens), Saginaw, Mich.
Clark Textile Co. (Ladies' Woven Top Silk Gloves), Saratoga Springs, N. Y.
Collard Alfred (Wool & Worsted), 256 E Ashmead, Gtn., Phila., Pa.
Colonial Knitting Mills (Cotton & Woolen), 1011 Chestnut, Phila., Pa.
Columbia Knitting & Mfg. Co., 236 B'way, Milwaukee, Wis.
Crown Silk Mfg. Co. (Silk Gloves), Bangor, Pa.
Dolman Chas. (Gloves for Men & Women), 48 E Court, Cincinnati, O.
Eagle Knitting Mills, Milwaukee, Wis.
Ehrlich, Mrs. F. (Fine hand-made goods) 1211 Arch, Phila., Pa.
Elliot F. & Co. (Wool, Worsted & Silk), Waltham, Mass.
Fead John L. & Sons (Home Made Wool Striped Mittens), Port Huron, Mich.
Fownes Bros. & Co. (Silk Gloves), 119 W 40th, New York
Frankenmuth Woolen Mill Co., Frankenmuth, Mich.
Friedlander-Brady Knitting Mills (Cotton, Woolen, Worsted & Silk, Men's, Women's & Children's), 501 S Green, Chicago, Ill.

Friedman Blau Farber Co., Cleveland, O.
Fulton County Silk Mills (Silk Gloves), Gloversville, N. Y.
German Knitting Mills (Silk & Cotton Gloves), 4283 Park av, New York
Gloversville Knitting Co. (Worsted, Woolen & Cotton), Gloversville, N. Y.
Gloversville Silk Mills (Silk Gloves), Gloversville, N. Y.
Great Western Knitting Co. (Wool, Worsted & Silk Gloves), 110 Buffalo, Milwaukee, Wis.
Hand Knit Hosiery Co. ("Lumbermen's Mittens"), Sheboygan, Wis.
Harris Knitting Mills (Wool), Armat & Lena, Gtn., Phila., Pa.
Highland Knitting Mill, Highland, N. Y.
Hitchcock & Curtiss Knitting Co. (Wool, Worsted & Silk Gloves), Hartford, Conn.
Hoag C. F. Co. (Wool & Worsted), Poughkeepsie, N. Y.
Holmes G. H. (Gloves), Gloversville, N. Y.
Houlton Woolen Mill, Houlton, Me.
Indianapolis Glove Co. (Cloth, Leather Finished & Jersey Gloves), Indianapolis, Ind.
Inland Knitting Works, Green Bay, Wis.
Kayser Julius & Co. (Silk, Lisle & Merino), 45 E 17th, New York
Key E. H. (Woolen & Worsted), Fort Hunter, N. Y.
Kinderhook Knitting Co. (Wool & Worsted Gloves), Kinderhook, N. Y.
La Crosse Knitting Works (Wool), La Crosse, Wis.
Lamb Knit Goods Co., Colon, Mich.
Lee William (Ladies' & Children's Silk & Woolen & Men's Woolen Goods), Needham Heights, Mass.
Lowenthal Max & Sons, Rochester, N. Y.
Mandel A. J. (Cotton, Wool, Worsted & Silk), 1220 W 6th, Cleveland, O.
Mansfield Joseph W., 1527 Ridge av, Philadelphia, Pa.
Meinig E. Richard Co. (Silk Gloves), Reading, Pa.
Merrill Silk Co. (Silk Gloves), Hornell, N. Y.
Michigan Knitting Co. (Cotton, Woolen, Worsted & Silk), Lansing, Mich.
Mohawk Silk Fabric Co. (Ladies' Silk Gloves), Fultonville, N. Y.
Moseley & Co., Needham Heights, Mass.
National Knitting Co. (Woolen & Worsted Gloves for Men, Women & Boys), 905 Clinton, Milwaukee, Wis.
National Knitting Works Co., 1967 E, 57th, Cleveland, O.
Niagara Silk Mills (Silk Gloves), North Tonawanda, N. Y.
Pacific Knitting Mills, Seattle, Wash.
Perry Glove & Mitten Co. (Cotton, Woolen, Worsted & Silk), Perry, Mich.
Plaistead B. T. (Men's & Women's Worsted Gloves), Hartford, Conn.
Portage Hosiery Co. (Wool & Worsted Mittens), Portage, Wis.
Prue Frank J. (Worsted Mittens), Woonsocket, R. I.
Rich John & Bros., Woolrich, Pa.
Ripon Knitting Works, Ripon, Wis.
Roth Joseph & Co. (Merino, Worsted, Silk & Cotton), Toledo, O.
Russell Knitting Works, Springfield, Mass.
Saxony Knitting Mills, Needham Heights, Mass.
Saxony Knitting Co., Seattle, Wash.
Star Knitting Co. (Silk, Saxony & Wool Mittens & Golf Gloves), La Crosse, Wis.
Sterling Silk Glove Co. (Silk Gloves & Mittens), Bangor, Pa.
Stott & Son, Winona, Minn.
Thurman Mfg. Co., 427 Ashmead, Phila., Pa.
United Knit Goods Co. (For Men, Boys, Ladies, Children & Infants), 1258 W 4th, Cleveland, O.
Van Brocklin & Son (Jersey Mitts & Gloves), Northville, N. Y.
Vassar Knitting Works, Bay City, Mich.
Walton Thos. S. (Infant's Silk & Woolen Mittens), Needham Heights, Mass.
Webber Geo. F., Detroit, Mich.
Western Knitting Mills (Woolen, Worsted & Merino), Rochester, Mich.
Whitman Bros. (Men's & Boys' Gloves), Little Falls, N. Y.
Why Bros. & Co. (Woolen & Worsted Gloves), 5130 Wakefield, Phila., Pa.
Wilson Samuel, Needham Heights, Mass.

Glucose

See Syrup, Corn

5513— Glue (Emery Wheel)

Tanite Co., Stroudsburg, Pa.

5514— Glue (Fish)

American Glue Co., 121 Beverly, Boston, Mass.

Dennison Mfg. Co., 5th av & 26th, New York

Dodd A. W. & Co., Gloucester, Mass.

Elwell B. F. Glue Co. (Liquid), Rockport, Mass.

HEWITT C. B. & BROS. (Jobbers), 49 Beekman, New York*See adv index at end of book*

Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York

National Gum & Mica Co., 59th & 11th av, New York

Russia Cement Co., 126 Chambers, New York

Saunders E. E. & Co., Pensacola, Fla.

5515— Glue (Gelatine)

American Glue Co., 121 Beverly, Boston, Mass.

Cooper's Peter Glue Factory, 11th av & 28th, New York

HEWITT C. B. & BROS. (All Grades for All Purposes), 49 Beekman, New York*See adv index at end of book*

Isaacs S. & Co. (Imp), 100 William, New York

Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York

Marblehead Mfg. Co., Marblehead, Mass.

Michigan Carbon Works, Delray, Detroit, Mich.

National Gum & Mica Co. ("Silver Label," etc., all grades), 59th & 11th av, New York

5516— Glue (Marine)**MARINE GLUE**

L. W. Ferdinand & Co., 154 Kneeland St., Boston, Mass., U. S. A.—Jeffery's Patent Marine Glue. Use No. 1 Extra Quality for paying seams of yachts' decks. Use No. 2 First Quality Ship Glue for paying deck seams of Merchant Vessels. Use No. 3 Special Navy for deck seams of battleships, cruisers and gunboats. Use No. 7 Soft Quality for waterproofing canvas for covering decks and tops of cabins of yachts and motor boats, also for canvas boats and canoes. Use Waterproof Liquid Glue for attaching Cork, Canvas, Felt, Rubber, Leather and Linoleum to Iron, Steel and Wood. Use Linoleum Glue for attaching any kind of floor covering to any kind of floor

5517— Glue Mfrs.**CALIFORNIA.**

SAN FRANCISCO—Armour Glue & Ammonia Works, Postal Tel. Bldg.

Butcher L. H. Co., 44 Front

California Glue Works, Fairfax av & Rankin

Imperial Glue Co. ("Imperial" Liquid), Kohl Bldg.

Western Meat Co., 6th & Townsend

CONNECTICUT.

DANBURY—Connecticut Glue Co.

NEW HAVEN—Connecticut Fat Rendering & Fertilizing Corp.

DISTRICT OF COLUMBIA.

WASHINGTON—Royal Glue Co. (Liquid), 210 N S W

FLORIDA.

PENSACOLA—Saunders E. E. & Co.

GEORGIA.

BUFORD—Allen Bona

ILLINOIS.

CHICAGO—American Glue Co., 123 W Kinzie

Anglo-American Provision Co., U. S. Yards

Armour Glue Works, 3130 Benson

Bailey C. T. & Co., 80 E Jackson blvd

Chicago Glue Co., 2012 W Kinzie

Clarkson Glue Co., 3259 Shields av

Cooper's Peter Glue Factory, Robinson & the Canal

Delany & Co., 505 S Clinton

Diamond Glue Co., Robinson & Ill. Mich. Canal

Herrmann Jos. F. & Co., Fisher Bldg.

Hirsh, Stein & Co., 111 W Wash

Layton Elastic Glue Co. (Liquid), 703 Fulton

Lister Jos., 2429 Elston av

Northwestern Glue Co., 44th pl & Packers av

Swift & Co., Union Stock Yards

U. S. Glue Co., 1455 Fleetwood

Wilson & Co., 41st & Ashland av

Wisdom & Cp., 217 W Lake

INDIANA.

HAMMOND—Hammond Glue Co.

INDIANAPOLIS—National Glue Co., 539 W 14th

MADISON—Midland Glue Co.

NEW ALBANY—Conrad, Krammerer Glue Co.

SOUTH BEND—Perkins Glue Co. (Vegetable)

MARYLAND.

BALTIMORE—McCormick & Co. (Liquid), McCormick Bk.

Standard Glue Co. ("Army" & "Navy," "Standard" Liquid), Caton & Cottage av

MASSACHUSETTS.

BOSTON—American Glue Co. ("Crown English"), 121 Beverly

Armour Glue Works, 49 Commercial Wharf

Baeder, Adamson & Co., 68 High

Bird J. A. & W. & Co., 88 Pearl

Carter's Ink Co., E Cambridge

Commonwealth Glue Co., 40 N Market

Consolidated Rendering Co., 40 N Market

Consumer Glue Co., 176 Federal

Diamond Glue Co.

FERDINAND L. W. & CO. ("Jeffrey's" Marine), 154 Kneeland.*See adv index at end of book*

International Glue Co. ("Eagle," "Martins" & "Mystic" Liquid), 24 T. Wharf

Nash E. W. Co., 559 Atlantic av

Rogers E. A. & Co. (Imp), 161 Devonshire

Whitten J. O. Co., 68 Western av

GLOUCESTER—Dodd A. W. & Co., Gloucester Isinglass & Glue Co.

Russia Cement Co. ("Le Page's" Liquid, etc)

HOLYOKE—Browne M. C. (Flexible)

LOWELL—Holt Jno. & Co.

MARBLEHEAD—Marblehead Mfg. Co.

PEABODY—American Glue Co.

ROCKPORT—Elwell B. F. Glue Co. ("Elwell")

WORCESTER—Darling L. B. Fertilizer Co.

MICHIGAN.

DETROIT—Michigan Carbon Works, Delray

GRAND RAPIDS—Grand Rapids Glue Co.

MINNESOTA.

MINNEAPOLIS—Adams Mfg. Co., 2823 S 9th

ST. PAUL—Fuller H. B. Co. (Cold Water & Powdered)

MISSOURI.

ST. JOSEPH—Swift & Co., Stock Yards

ST. LOUIS—American Glue Co., 410 Elm

Clarkson Glue Co., 216 N Main

Mathiason P. B. Mfg. Co., 5310 N 2d

Reardon Glue Co., 1533 N B'way

St. Louis Glue Mfg. Co., 2125 Division

Tamm Bros. Glue Co., 600 S Vandeventer av

NEW HAMPSHIRE.

KEENE—Keene Glue Co.

NEW JERSEY.

NEWARK—Lister's Agricultural Chemical Works, Lister av

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)

BUFFALO—Blehdon Victor R., Brisbane bldg

GOWANDA—Cooper's Peter Glue Factory

Eastern Tanner's Glue Co.

JOHNSTOWN—Knox C. B. Co

NEW YORK CITY.**Borough of Queens.**

BROOKLYN—Cooper's Peter Glue Factory, Maspeth av

McMeekan D. Mfg. Co. (Also Flexible Glue), 1070 Pacific

Boroughs of Manhattan and Bronx.

NEW YORK—Am. Agricultural Chem. Co., 2 Rector

Arabol Mfg. Co. (Cold, Liquid & Dry), 100 William

Armour Glue Works, 120 B'way

Baeder Adamson & Co., 67 Beekman

Burnot Mfg. Co. ("Burbyotte" Stainless for Millinery), 64 Gold

Burrage Robt. R. (Flexible, for Bookbinders & Leathergoods), 83 Gold

Cooper's Peter Glue Factory, 11th av & 28th

HEWITT C. B. & BROS. (Jobber), 49 Beekman*See adv index at end of book*

Isaacs S. & Co., 100 William

John H. W.-Manville Co. (Fireproof), Madison av & 41st

Kuh E. S. & Valk Co. (Bone, Hide, Feshings, etc), Produce Exch.

Milligan & Higgins Glue Co., 222 Front

National Glue & Gelatine Works, 11th av & 59th

National Gum & Mica Co. (Cold, Liquid & Dry), 59th & 11th av

Pfaltz & Bauer (Imp), 300 Pearl

Stevenot Chas. J. & Co. (Imp.), 388 Pearl

Townsend Chas. & Bro. (Imp.), ("J. Coignet" Sheet), 276 Pearl

Union Glue Corp. (Flexible), 80 Pearl

United German & Austro-Hungarian Glue Mfrs. (Imp), 198 Broadway

Waddell R. J. & Co. (Imp Sheet), 52 Beekman

Wood & Hare ("Prof. Callans," "Brazilian" Liquid), 66 Leonard

Borough of Queens.

LONG ISLAND CITY—Van Iderstine Co.

NORTH CAROLINA.

CHARLOTTE—Cook B. C. Chemical Mfg. Co. (Liquid)

OHIO.

CINCINNATI—Bird Varnish Co., 202 Main

Marienthal Co., 1709 John

Stephens & Bro., 16 E 2d

PENNSYLVANIA.

LANCASTER—Conestoga Glue Works

Lamparter Geo. Sons

LANSDALE—Perkins Glue Co.

PHILADELPHIA—American Glue Co., 142 N Front

Baeder, Adamson & Co., Richmond & Allegheny av

Baugh & Sons Co., 20 S Delaware av

Berg Co., Ontario below Richmond

Commonwealth Glue Co., Drexel bldg.

Continental Mfg. Co. ("Continental" Liquid), 4611 Girard

Delany & Co., 209 N 3d

Diamond Glue Co., 213 N Water

Haws Dan'l B., 30 N 5th

Martin D. B. Co., 30th & Market

National Gum & Mica Co., 249 N Delaware

Tunnell F. W. & Co., 15 N 5th

PITTSBURGH—Wilhelm Henry (Glue & Upholstering Supplies), 136 10th

PRIMOS—Magnet Cement & Dressing Co. ("Peerless" Liquid)

WILLIAMSPORT—Keystone Glue Co.

WISCONSIN.

MILWAUKEE—Diamond Ink Co., 192 E Water
United States Glue Co., Carrollsville

5518— Glue (Tanners')

Eastern Tanners' Glue Co., Gowanda, N. Y.

5518a— Glue (Vegetable)

Cibara Mfg. Co., 2108 Papin, St. Louis, Mo.
National Gum & Mica Co., 59th & 11th av, New York
Perkins Glue Co., South Bend, Ind.
Reardon Glue Mfg Co., 2d & Clinton, St. Louis, Mo.

5519— Glue (Waterproof)

FERDINAND L. W. & CO. ("Jeffrey's Waterproof Liquid"), 154 Kneeland, Boston, Mass.
See adv index at end of book

5520— Glutinate

Loos & Dilworth, 134 S Front, Phila., Pa.

5521— Glycerine

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.
Alba Mfg. Co., Aurora, Ill.
Armour & Co. (Refined), 208 S La Salle, Chicago, Ill.
Babbitt B. T. (Inc.), (Refined), 11 B'way, New York
Celina Stearic Acid Co. (Crude), Celina, O.
Colgate & Co. (Refiners), 105 Hudson, Jersey City, N. J.
Cudahy Packing Co. (Refiners), 111 W Monroe, Chicago, Ill.
Emery Candle Co. (Refined), Cincinnati, O.
Fairbank N. K. Co. (Refined), 111 W Washington, Chicago, Ill.
Globe Soap Co. (Refined), United Bank bldg, Cincinnati, O.
Grasselli Chemical Co., Guardian bldg, Cleveland, O.
Gross A. & Co., 90 West, New York
Harshaw, Fuller & Goodwin Co. (Refiners), Electric bldg, Cleveland, O.
Jacob Chas. W. & Allison (Imp "Glypho" Substitute), 18 Cedar, New York
Jobbins Wm. F. (Inc.) (Crude, Refined, Chemically Pure), Aurora, Ill.
Kendall Mfg. Co., 90 Friendship, Providence, R. I.
Kirk E. W. Soap Cleaner Co., Edina, Mo.
Kirk Jas. S. & Co. (Refined), 106 E Austin, Chicago, Ill.
Kirk Walter R., 327 S LaSalle, Chicago, Ill.
Kirkman & Son (Refined), 215 Water, Brooklyn, N. Y.
Larkin Co. (Refined), 663 Seneca, Buffalo, N. Y.
Lautz Bros. & Co., Buffalo, N. Y.
Marx & Rawolle, 100 William, New York
Peet Bros. Mfg. Co., Kansas City, Kans.
Proctor & Gamble Co. (Refiners), Cincinnati, O.
Remmers Soap Co., 2261 Spring Grove av, Cincinnati, O.
Schellings C. J. & Co. (Imp.), 160 Pearl, New York
Swift & Co. (Refined), Union Stock Yards, Chicago, Ill.
Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York
Virginia Products Corp., 3d av & 8th, Baltimore Md.
Will & Baumer Co. (Crude), Syracuse, N. Y.

5522— Glycerophosphate

Monsanto Chemical Works (Calcium, Potassium & Sodium), St. Louis, Mo.

5523— Goals (Basket Ball)

St. Charles Net & Hammock Co., St. Charles, Ill.
Spalding A. G. & Bros., 126 Nassau, New York

Go-Carts

See Carriages, Children's with the Words Go-Cart Following Their Names

5524— Goggles (Sand Blast)

Cover H. S. ("Cover's" Rubber), South Bend, Ind.

5525—Goggles & Eye Protectors

American Optical Co., Southbridge, Mass.
American Thermo-Ware Co. (For Automobilitists, Oxygen Welders, Workmen, etc), 16 Warren, New York
Chicago Eye Shield Co. ("Eureko," "Boston," "Chicago," "Cheyenne"), 2300 Warren av, Chicago, Ill.
Cover H. S. ("Cover's" Rubber), South Bend, Ind.
Demmerle & Co., 114 E 23d, New York
Faultless Rubber Co. (Auto Goggles), Ashland, O.
Featherweight Eyeshade Co. Merchantville N. J.
Globe Optical Co., 403 Washington, Boston, Mass.
Hardy F. A. & Co. ("Noviweld"), 10 S Wabash av, Chicago, Ill.
Hayward S. F. & Co., 250 W 54th, New York
Hudson Products Co., 44 E 23rd, New York
King Julius Optical Co. ("Saniglass" Imp, All kinds), 10 Maiden la, New York
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.
Munsell Eugene & Co., 68 Church, New York
National Helmet Co. (Workmen's), 250 W 54th, New York
Pennsylvania Optical Co., Reading, Pa.
Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.
Scheffer & Rossum Co., 216 E 4th, St. Paul, Minn.
Scheidig Jno. & Co. (Imp Eye Shields), 32 Maiden la, New York
Spencer Optical Co. (Imp), 5 Maiden la, New York
Strauss Bros. & Co. (Goggles, Imported), 355 B'way, New York
Strong, Kennard & Nutt Co. ("Adjustoglas," for Welders, etc), Schofield bldg, Cleveland, O.
Sussfeld, Lorsch & Co. (Imp), 90 Maiden la, New York
Willson T. A. & Co. ("Albex" Eye Protectors for Workmen, "Wilson's Safety Glasses), Reading, Pa.

5526— Gold Leaf

American Roll Gold Leaf Co., 56 Pine, Providence, R. I.
Baer Bros., 438 W 37th, New York
Cabot Edwin S. (Est. of), 103 Arch, Boston, Mass.
Coe W. H. Mfg. Co., 74 Weybosset, Providence, R. I.
Cottler Chas. & Son, 65 Nassau, New York
Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
Harwood F. W. & Son, 7 Clav Baltimore, Md.
Hastings & Co., 819 Filbert, Phila., Pa.
Henke Robt., 175 Park row, New York
Hickson Stephen A., 559 Broome, New York
Hunt Philip A. Co., 225 5th av, New York
Kemp W. H. Co., 165 Spring, New York
Rauskolb Fred W Co., 103 Arch, Boston, Mass.
Schultz & Co., 25 St. Marks pl, New York
Schultz's Michael Sons, 152 E Houston, New York
Swift M. & Sons, Hartford, Conn.
Valleau Mfg. Co., 506 Broome, New York

5527—Golf Course Cups & Hole Cutters

GEM MFG. CO. Goehel nr Fulton N. S. Pittsburgh, Pa.
See adv index at end of book

Gongs (Car, Etc.)

See Bells & Gongs, Car

5528—Gongs (Electro-Mechanical)

Bunnell J. H. & Co., 32 Park pl, New York
Edwards & Co., Exterior & 104th, New York
Gamewell Fire Alarm Telegraph Co., 70 E 45th, New York
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.
Holtzer-Cabot Electric Co., Brookline, Mass.
Loper Fire Alarm Co., Stonington, Conn.
Partrick & Wilkins Co., 51 No. 7th, Phila., Pa.
Star Electrical Co., Newark, N. J.

5529—Gongs (Unmounted Electric Bell)

American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co., Bridgeport, Conn.
Catasauqua Gong & Stamping Works, Catasauqua, Pa.
East Hampton Bell Co., East Hampton, Conn.
Gong Bell Mfg. Co., East Hampton, Conn.
Hill N. N. Brass Co., East Hampton, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reiter G. C., Canton, O.
Star Bros. Bell Co., East Hampton, Conn.
Waterbury Mfg. Co., Waterbury, Conn.

5530— Goosenecks

American Brass & Copper Co., 138 Lafayette, New York
American Foundry & Mfg. Co. (Lead & Cast Iron), 11th & Herbert, St. Louis, Mo.
Campbell J. B. Brass Works (Lead, etc), Erie, Pa.
Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
Federal-Huber Co. (Cast Iron), 234 N Halsted, Chicago, Ill.
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.
Haydenville Co., Haydenville, Mass.
Hays Mfg. Co. (Lead, etc), Erie, Pa.
Heap Wm. & Sons, Grand Haven, Mich.
Humphreys Mfg. Co., Mansfield, O.
Kupferle Jno. C. Fdry. Co. (Cast Iron), 1st & Wright, St. Louis, Mo.
McDonald A. Y. Mfg. Co. (Cast Iron, etc), Dubuque, Ia.
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.
Miller Chas. A. Co. (Galvanizing for High Tanks), Sturgis, Mich.
Mueller H. Mfg. Co. (Lead, Wipe Joint, Lead Flange, etc), Decatur, Ill.
Park & McKay, 55 Bagley av, Detroit, Mich.
Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.
Walworth Mfg. Co. (Lead, etc), Boston, Mass.

5531—Gouges (Plumbers', Blacksmiths', Etc.)

See also Chisels & Gouges, Carpenters'
Bernz Otto, 21 Ashland av, Newark, N. J.
Braunsdorf-Mueller Co. (Carpenters, Plumbers & Turning), Elizabeth, N. J.
Buffum Tool Co. ("Swastika," Plumbers' & Wood Turners', all Steel Handle), South Side, Louisiana, Mo.
Gardner Machine Works, Gardner, Mass.
Stortz John & Son, 210 Vine, Phila., Pa.

5532—*Governors (Compressor)

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*
WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

5533—*Governors (Electric Motor Compressor)

INGERSOLL-RAND CO., 11 B'way, New York. *See adv index at end of book*

5534—*Governors (Electric Pump)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5535— Governors (Gas)

Baylis Company, Bloomfield, N. J.
Charlin-Fulton Mfg. Co. ("Fulton," for District or Service Use; also "Duplex" Sensitive with Automatic Cut-Off), 34 Penn av, Pittsburgh, Pa.
Connelly Iron Sponge & Governor Co. (Automatic, Balance, High Pressure & Service), 227 Fulton, New York

Equitable Meter Co. ("Crawford," Street Main Governors), Pittsburgh, Pa.
 Gas Machy. Co., 1900 Euclid av, Cleveland, O.
 Helme & McIlhenny ("Foulis" Station), 1339 Cherry, Phila., Pa.
 Isbell-Porter Co. (Street Governors), 46 Bridge, Newark, N. J.
 Lee George E. Co., Caxton bldg, Cleveland, O.
 Lees International Gas Governor Co., 128 N Main, Providence, R. I.
 Leffler Chas. & Co. ("Automatic"), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
 Reynolds Gas Regulator Co. (High Pressure for Artificial Gas), Anderson, Ind.

5536—*Governors (Motor Compressor)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

5537—Governors (Oil Burner)

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
 Rockwell W. S. Co., 50 Church, New York
See adv index at end of book
 Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

5538—Governors (Pneumatic)

National Brake & Elec. Co. ("National," for Electric Cars), ft Bellevue pl, Milwaukee, Wis.

5539—Governors (Pressure)

Foster Engng. Co., 109 Monroe, Newark, N. J.
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.
See adv index at end of book
 Tagliabue Chas. J. Mfg. Co., 20 33d, Brooklyn, N. Y.

5540—Governors (Pump)

Acton John (Leather Cup Pump Governors), 118 John, Brooklyn, N. Y.
 Albany Steam Trap Co. ("Blessing"), Albany, N. Y.
 American Steam Gauge & Valve Mfg. Co. ("American Universal Safety"), 208 Camden, Boston, Mass.
 Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.
 Berry Engineering Co. ("Berry"), Chester, Pa.
 Boston Steam Specialty Co., 332 A Boston, Mass.
 Burrows Mfg. Co. (Automatic), York, Pa.
 Chaplin-Fulton Mfg. Co. ("Fulton"), 34 Penn av, Pittsburgh, Pa.
 Chicago Engineer Supply Co. ("Boylston"), 68 W Lake, Chicago, Ill.
 Collins Mfg. Co. (Ltd.) ("Griffith's" Automatic), 612 Chestnut, Phila., Pa.
 Consolidated Engineering Co. ("Van Auker," for Feed & Vacuum Pumps), 507 W Jackson Blvd, Chicago, Ill.
 Davis Geo. M., Regulator Co. ("Competition" Auto, Condenser & Receiver), 422 Milwaukee av, Chicago, Ill.
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.
 d'Este Julian Co., 24 Canal, Boston, Mass.
 Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.
 Elliott Company, Pittsburgh, Pa.
 Erie Pump & Equipment Co. ("Copes"), Erie, Pa.
 Fisher Governor Co. ("Fisher"), Marshalltown, Ia.
 Ford Thos. P. Co. (Automatic), 407 Broome, New York
 Foster Engng. Co. (Diaphragm or Piston Operated, Hydraulic, Ammonia, Excess Boiler Feed, Vacuum, Fuel Oil, etc.), 109 Monroe, Newark, N. J.
 Gardner Governor Co., 14 Williamson, Quincy, Ill.
 Garrett W. D. & Co., 136 Liberty, New York

GODFREY-KEELER CO. ("Simplex"), 70 Warren, New York.

See adv index at end of book

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
 Ideal Automatic Mfg. Co. ("Ideal"), 125 Watts, New York
 Illinois Engineering Co. ("Eclipse," "Hughson"), 5021 S State, Chicago, Ill.
 Judson Governor Co., Rochester, N. Y.
 Kieley & Mueller ("Rockaway" Automatic), 34 W 13th, New York
 Kitts Mfg. Co. (Pressure), Oswego, N. Y.
 Klipfel Mfg. Co. ("K. & T.," "Metz"), 2651 W Harrison, Chicago, Ill.
 Linton Machine Co., 26 Cortlandt, New York
 Locke Regulator Co. ("Boardman"), Salem, Mass.
 McDonough Automatic Regulator Co. ("McDonough"), 716 Gd. River, Detroit, Mich.

MASON REGULATOR CO. ("Mason"), 1192 Adams, Boston, Mass.

See adv index at end of book

Middlesex Machine Co. ("Legg"), Lowell, Mass.
 Monash-Younger Co., 1407 W Jackson Blvd, Chicago, Ill.
 Murray Specialty Mfg. Co., 97 Woodbridge, Detroit, Mich.
 Nason Fred W. Co., 39 Cortlandt, New York

"S.-C." REGULATOR MFG. CO. ("S.-C.")

Fostoria, O. *See adv index at end of book*

Squires C. E. Co., Cleveland, O.

Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York

Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.

Tagliabue Chas. J. Mfg. Co., 20 33rd, Brooklyn, N. Y.

Waters Governor Co., 141 Milk, Boston, Mass.

Watson & McDaniel Co. ("Watson" Steam Pump, Intermittent & Throbbing), 146 N 7th, Phila., Pa.

Wilgus Mfg. Co. ("Wilgus" for Fuel Oil Steam Pumps, Air Compressors, etc.), Los Angeles, Cal.

Williams Gauge Co. ("Williams"), 543 4th av, Pittsburgh, Pa.

Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.

Witt G. E. Co. ("Little Giant"), 862 Howard, San Francisco, Cal.

5541—Governors (Retort House)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York
 Isbell-Porter Co., 46 Bridge, Newark, N. J.

5542—Governors (Steam Engine)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

See adv index at end of book

Bayard M. L. & Co., Woodbine, N. J.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

GODFREY-KEELER CO., 70 Warren, New York.

See adv index at end of book

Jarecki Mfg. Co., Erie, Pa.

Knowlson & Kelley, Troy, N. Y.

Lombard Governor Co., Ashland, Mass.

Massey Machine Co. ("Jahn" Steam & Gas Engine & Turbine), Watertown, N. Y.

Nordberg Mfg. Co., 476 Virginia, Milwaukee, Wis.

Pickering Governor Co., Portland, Conn.

Sinker-Davis Co. ("King," "Hoosier," "Rites"), Indianapolis, Ind.

Vicksburg Governor Co. ("New Judson"), Vicksburg, Mich.

Waters Governor Co., 141 Milk, Boston, Mass.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

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See adv index at end of book

5545—Governors (Water Line)

Steam Appliance Co. ("Peters"), Milwaukee, Wis.

5546—Governors (Water Wheel)

Cohoes Iron Foundry & Machine Co. ("Snow"), Cohoes, N. Y.
 Dickerson Automatic Governor Co. (Oil Pressure), Salt Lake City, Utah
 Holyoke Machine Co., Worcester, Mass.
 Hunt Rodney Machine Co., Orange, Mass.
 Lombard Governor Co., Ashland, Mass.
 Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal.

5547—Grabs (Oyster)

Auer John, Jr. (Wrought Tongs), 197 Middleton, Brooklyn, N. Y.

Grabs (Stone, Etc.)

See Hooks, Grab

5548—Graders (Barley)

Howes S. Co. ("Rich" Barley Grades & Needle Screens), Silver Creek, N. Y.

Graders (Elevating)

See Road Machines & Graders

5549—Graders (Grain & Seed Corn)

American Grain Separator Co. ("Winner"), Erie & S E Essex, Minneapolis, Minn.
 Cleland Mfg. Co. ("Expert"), 2800 Washington av, N, Minneapolis, Minn.
 Constant B. S. Mfg. Co. ("U. S."), Bloomington, Ill.
 Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.
 Gale Mfg. Co., Albion, Mich.
 Hirsch Bros. ("Webber"), 267 Reed, Milwaukee, Wis.
 Hunnicutt Chas. Co. ("Perfection"), Wilmington, O.
 Invincible Grain Cleaner Co. (Invincible, also Rice, Oats & String Beans), Silver Creek, N. Y.
 Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.
 Kretschmer Mfg. Co., Council Bluffs, Ia.
 Manson-Campbell Co. ("Chatham"), Campbell & Leavitt, Detroit, Mich.
 Martin Co. ("Corn King"), Sac City, Ia.
 Maytag Co. ("Hawkeye"), Newton, Ia.
 One Minute Mfg. Co. ("Newton"), Newton, Ia.
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
 Rumely M. Co. ("Rumely," "Rainbow," Grain, Hand or Power), La Porte, Ind.
 Twin City Separator Co. ("Hero"), 29th & Colfax av S, Minneapolis, Minn.

5550—Graders (Railroad, Reservoir, Etc.)

Bagley Grader Co. ("Bagley" Steam or Electric Power), Tacoma, Wash.

5551—Graders (Rice)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Gradometers

See Meters, Distance Recording

5552—Graduators (Thermometer & Chemical Glassware)

Burr Co., Champaign, Ill.

5553—Grain Elevator Builders

American Machinery & Construction Co., 103 W Water, Milwaukee, Wis.
 Barnard Machinery Co., Enterprise, Kan.
 Barnett & Record Co., Flour Exch., Minneapolis, Minn.
 Benson C. H., Corn Exchange, Minneapolis, Minn.
 Burrell Engineering Construction Co., 30 N La Salle, Chicago, Ill.
 Camp Bros. & Co. (& Hydraulic Dump), Washington, Ill.
 Chesley Earl & Heimbach, 20 Breckenridge, Buffalo, N. Y.

Fosston Mfg. Co. ("Triumph"), 473 Cleveland, St. Paul, Minn.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Hickok Construction Co., 818 Flour Exchange, Minneapolis, Minn.
Honstain Bros. Co., 306 Corn Exchange, Minneapolis, Minn.
Iberson T. E., Corn Exchange, Minneapolis, Minn.

JEFFREY MFG. CO., 961 N 4th, Columbus, O. *See adv index at end of book*
King & Hamilton Co., Ottawa, Ill.
Macdonald Engineering Co., 53 W Jackson Blvd, Chicago, Ill.
Metcalf J. S. Co., 108 S La Salle, Chicago, Ill.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.
Moulton & Evans, Minneapolis, Minn.
Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Snyder Wm. H., Carey, O.
STEWART JAS. & CO. (INC.), Westminster bldg, Chicago, Ill.
Wasner Elevator Mfg. Co. ("Dakota," "Gopher," "North Star"), Warner, Ill.
Witherspoon-Englar Co., Monadnock blk, Chicago, Ill.
Wolf Co., Chambersburg, Pa.
Ypsilanti Machine Works, Ypsilanti, Mich.

5554—Grain Elevator & Wagon Dumps (Portable)

Bauroth Bros. ("Bauroth"), Springfield, O.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Camp Bros. & Co. ("Camp" Hydraulic), Washington, Ill.
Children's E. Sons Mfg. Co. ("Hawkeye"), Council Bluffs, Ia.
Clzek Bros. Mfg. Co. ("Farmers' Friend"), Clutier, Ia.
Clark Machine Co. ("Clark"), St. Johnsville, N. Y.
Davidson Chas. E. ("Eureka"), Eureka, Ill.
Emerson-Brantingham Co. ("Big Four"), Rockford, Ill.
Fleming & Sons Mfg. Co. ("Acme"), Huntsville, Mo.
Fosston Mfg. Co. ("Triumph" Elevators Only), 473 Cleveland, St. Paul, Minn.
Fremont Mfg. Co. ("Jones"), Fremont, Neb.
G. & D. Mfg. Co. ("Farmers' Friend"), Streator, Ill.
Galloway William Co., Waterloo, Ia.
Gerdes & Co., 42 Church, New York.
See adv index at end of book
Hart Grain Weigher Co. ("Hart," Vertical Bucket Type), Peoria, Ill.
King & Hamilton Co. ("American," "K. & H."), Ottawa, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry, Phila., Pa.
See adv index at end of book

Luthy & Co. ("Ideal"), Peoria, Ill.
Maroa Mfg. Co., Maroa, Ill.
Marseilles Co. ("Marseilles"), East Moline, Ill.

Meadows Mfg. Co. ("Rocke," "Meadows"), Pontiac, Ill.
Meyer A. F. Mfg. Co., Morton, Ill.
Nurdyke & Marmon Co. ("N & M"), 1290 Kentucky av, Indianapolis, Ind.
O'Neill T. L. ("Eclipse," "Flying Swede"), Marseilles, Ill.

Peoria Drill & Seeder Co. ("Peoria" all Steel), Peoria, Ill.
Portable Elevator Mfg. Co. ("Little Giant," "National"), Bloomington, Ill.

Rude Mfg. Co., Liberty, Ind.
Rumely M. Co., La Porte, Ind.
Sandwich Mfg. Co. ("Sandwich"), Sandwich, Ill.

Schroeder H. V. Mfg. Co. ("Schroeder"), Minier, Ill.
Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.

Sterling Mfg. Co., Sterling, Ill.
Swanson-St. Joseph Plow Co. ("Swanson"), St. Joseph, Mo.

Warner Elevator Mfg. Co. ("Dakota," "Gopher," "North Star," "Warner"), Warner, Ill.

Wenzelman Mfg. Co. ("Wenzelman"), Galesburg, Ill.

Wolf Co., Chambersburg, Pa.

5554a—Grains (Emery)

Day S. A. Mfg. Co. (Dealers), 1483 Niagara, Buffalo, N. Y.
Niagara Emery Mills, Lockport, N. Y.

5555—Grains & Brick (Rubbing)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.
Hamptden Corundum Wheel Co., Brightwood, Springfield, Mass.
Norton Co. (Alundum & Crystolon), Worcester, Mass.
Thurston F. W. Co. ("Thur-Stone"), 1832 S Clark, Chicago, Ill.
Waddell R. J. & Co. ("Schumacher's"), 52 Beekman, New York

5556—Granite (Black)

French Creek Granite Co., St. Peters, Pa.

5557—Granite Building Work (Cutters' & Contractors')

These names are duplicated under the head of Granite Producers, Workers & Dealers

Bishop J. W. Co., 109 Foster, Worcester, Mass., Boston, Mass., Providence, R. I.
Blake Chas. G. & Co. (Monumental Work), 108 LaSalle, Chicago, Ill.
Bodwell Granite Co., Rockland, Me.
Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York
Cross Bros. Co., Northfield, Vt.
Fletcher H. E. Co. (Mausoleums, Vaults, etc), West Chelmsford, Mass.
Flynt W. N. Granite Co., Monson, Mass.
Granite Railway Co., Quincy, Mass.
Gray Wm. & Sons Co., 30th bl, Walnut, Phila., Pa.

Guilford & Waltersville Granite Co., Law bldg., Baltimore, Md.

Hallowell Granite Works, Hallowell, Me., & 53 State, Boston, Mass.

Harris Granite Quarries Co., Salisbury, N. C.

Jones Bros Co. (Monumental Work a Specialty), 161 Summer, Boston, Mass.

Leopold J. & Co., 233 Broadway, New York

McDonnell & Sons, 858 Main, Buffalo, N. Y.

Maine Red Granite Co., Red Beach, Me.

Mount Waldo Granite Works, Frankfort, Me.

New England Granite Works, Westerly, R. I.

NORCROSS BROS. CO., 10 E Worcester, Worcester, Mass.

North Carolina Granite Corp., Mount Airy, N. C.

Oak Hill Marble Works, Birmingham, Ala.

Pajeau Joseph & Son (Monuments, Mausoleums, etc), McCormick bldg, Chicago, Ill.

Port Deposit Quarry Co., Port Deposit, Md.

ROCKPORT GRANITE CO., Rockport, Mass.

Rullman & Wilson, Lafayette E of Mt Royal, Baltimore, Md.

St. Cloud Granite Works, St. Cloud, Minn.

SWENSON JNO. GRANITE CO., Concord, N. H.

Troy White Granite Co., Troy, N. H. & Worcester, Mass.

Webb Pink Granite Co. ("Milford Pink" Quarries, Milford, Mass.), Worcester, Mass.

Welbien A. Marble & Granite Co., City Pk av & St. Louis, New Orleans, La.

Wells-Lamson Quarry Co., Barre, Vt.

Windsor Green Granite Co., Worcester, Mass., & Windsor, Vt.

Winnsboro Granite Corp., Rion, S. C.

WOODBURY GRANITE CO., Hardwick, Vt.

5558—Granite Columns (Polished)

Blake Chas G. & Co., 108 S La Salle, Chicago, Ill.

Bodwell Granite Co., Rockland, Me.

Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York

Fletcher H. E. Co., West Chelmsford, Mass.

Foster & Hosler, 431 S Dearborn, Chicago, Ill.

Granite Railway Co., Quincy, Mass.

Hallowell Granite Works, Hallowell, Me.

Jones Bros. Co., 161 Summer, Boston, Mass.

New England Granite Works, Westerly, R. I.

Norcross Bros. Co., 10 E Worcester, Worcester, Mass.

Richards John R., Quincy Mass.

Rockport Granite Co., Rockport, Mass.

St. Cloud Granite Works, St. Cloud, Minn.

Simmers & Campbell (Turned & Polished), St. Cloud, Minn.

Swenson John Granite Co., Concord, N. H.

Webb Pink Granite Co., Worcester, Mass.

Wells-Lamson Quarry Co., Barre, Vt.

WOODBURY GRANITE CO., Hardwick, Vt.

Granite (Crushed)

See Stone, Crushed; also Trap Rock

5559—Granite (Green)

Clements Chas. ("American" Killarney), Boston, Mass.

Rockport Granite Co., Rockport, Mass.

5560—Granite (Ligonier)

Booth & Flinn (Ltd.) 1942 Forbes, Pittsburgh, Pa.

5561—Granite Meal

Port Deposit Quarry Co., Port Deposit, Md.

Granite (Monumental Work)

See Granite Building Work, Cutters & Contractors; also Barre, Vt.; Quincy, Mass., & Westerly, R. I., in Granite Producers, Workers & Dealers

5562—Granite Producers (Pink)

Harris Granite Quarries Co., Salisbury, N. C.

Leopold J. & Co., 233 Broadway, New York

Lovejoy Granite Co., Milford, N. H.

New England Granite Works, Westerly, R. I.

Norcross Bros. Co. (Milford Pink), 10 E Worcester, Worcester, Mass.

Seerie Bros., Denver, Col.

Webb Pink Granite Co., Worcester, Mass.

Wise Granite & Construction Co., Richmond, Va.

5563—Granite Producers (Red)

Anderson Bros. & Johnson Co. ("Wisconsin Ruby") Wausau, Wis.

Bodwell Granite Co., Rockland, Me.

Booth Bros. & Hurricane Isle Granite Co., 208 B'way, New York

Leopold J. & Co., 233 B'way, New York

Maine Red Granite Co., Red Beach, Me.

New England Granite Works (Westerly Red, etc), Westerly, R. I.

Norcross Bros. Co. (Stony Creek, etc), 10 E Worcester, Worcester, Mass.

ROCKPORT GRANITE CO., Rockport, Mass.

Smith Granite Co., Westerly, R. I.

5564—Granite Producers, Workers & Dealers

Those Marked with the Star (*) have Quarries

All other Granite classifications are duplicates of this list.

See also Granite Building Work, Cutters & Contractors; also Granite Columns, Polished; also Marble Producers; also Stone Producers, Workers & Dealers

ALABAMA.

BIRMINGHAM—Oak Hill Marble Works.

CALIFORNIA.

NEVADA CITY—*Bridges E. D.

PENRYN—*Griffith David

ROCKLIN—California Granite Co.

*Delano Granite Co.

*Kesti & Son

SACRAMENTO—*Carlaw Bros.

SAN DIEGO—*Simpson-Pirie Granite Co.

SAN FRANCISCO—McGilvray Stone Co., 634 Townsend

Raymond Granite Co., Division & Potrero av

COLORADO.

DENVER—*Denver Marble & Granite Co.

Rauh Mrs. A., 3601 Blake

Seerie Bros.

CONNECTICUT.

GROTON—*Salter J. & Son
 LEETE ISLAND—Beattie John
 MILLSTONE—Gardiner Henry
 NEW HAVEN—Bowden Thos.
 NEW LONDON—Booth Bros. & Hurricane
 Isle Granite Co. (Red, Grey,
 White etc)
 Buckley M. D.
 *Kopp J. K.
 Sayle Thos., Jr.
 NORWALK—Bates Jno. S.
 STONY CREEK—Stony Creek Red Granite
 Co.
 WATERFORD—*Booth Bros. & Hurricane
 Isle Granite Co.

DELAWARE.

WILMINGTON—Delaware Granite & Min-
 ing Co., 14th & Pine

DISTRICT OF COLUMBIA.

WASHINGTON—Falvey Michael J., 602
 11th, N W

GEORGIA.

ATLANTA—Pine Mountain Granite Co.
 *Venable Bros.
 ELBERTON—Elberton Granite Corp.
 Oglesby Granite Co. ("Oglesby" Blue
 Granite)
 LITHONIA—*Brand J. T.
 *Brand & Newmeyer Granite Co.
 *Brantley & Doby
 *Combs Granite Co. (Building &
 Crushed)
 *Davidson Granite Co.
 Evans W. P.
 *Johnson Granite Co.
 *McGahee Cut Granite Co.
 *Pine Mountain Granite Co.
 MACON—*Georgia Quincy Granite Co.
 ROME—Georgia Granite & Marble Works
 STONE MOUNTAIN—*Stone Mountain
 Granite Corp.

ILLINOIS.

BLOOMINGTON—Higgins - Jung - Kleinau
 Co.
 Moore J. K.
 CHICAGO—*American Granite Co. (Whole-
 salers), 133 W Wash'n; Quarries:
 Granite Heights, Wis., Lohrville,
 Wis.
 Blake Chas. G. & Co., 108 La Salle
 Fenn C. E. & Co., (Wholesalers), 38 S
 Dearborn
 Foster & Hosler, 431 S Dearborn
 Gall Chas H., 127 N Dearborn
 Laeche W. C. & Co., 30 N La Salle
 MacLane Edw., 186 N La Salle
 *SWENSON JOHN GRANITE CO.,
 Marquette bldg.
 Waushara Granite Co., 179 W Wash'n
 Wisconsin Granite Co., 11 S La Salle

KENTUCKY.

LOUISVILLE—Peter & Burghard Stone
 Co.

MAINE.

ADDISON—Pleasant River Granite Co.
 BANGOR—*Bangor Granite Co.
 BIDDEFORD—Ross Ivory S.
 Yates G. H.
 BLUE HILL—Howard W. M.
 CALAIS—Douglas Bros.
 FRANKFORT—*Mount Waldo Granite
 Works
 FRANKLIN—Blaisdell W. B. & Co.
 Bragdon Lincoln C.
 FREEPORT—Green Fred C.
 FRYEBURG—*Eagle Gray Granite Co.
 HALLOWELL—*Hallowell Granite Works
 JONESBORO—*Bodwell Granite Co.
 NORTH JAY—*Maine & New Hampshire
 Granite Corp.
 NORTH SULLIVAN—Bragdon L. C.
 Crabtree & Havey
 Hooper, Havey & Co.
 Robertson & Butler
 PORTLAND—Union Granite Co., ft of
 Wilmot
 RED BEACH—Mingo & Bailey
 Tarbox O. S.
 ROCKLAND—Bodwell Gran. Co. (Red &
 Grey)
 ROCKPORT—Philbrook Wm. H.

SOUTH THOMASTON—Bassick N. C. &
 Sons
 Ingraham John
 Sleeper W. P.
 STONINGTON—Benvenue Granite Co.
 *Goss John L. Corp.
 *Hagan John & Co.
 *Latty Bros. Granite Co.
 SULLIVAN—*Dunbar Bros.
 SWANVILLE—Webb F. P. & F. J.
 THOMASTON—Burton Alvah F.
 VINALHAVEN—Black J. S.
 WATERVILLE—*Waterville Granite Co.
 WHITEFIELD—*Jewett E. C.

MARYLAND.

BALTIMORE—Berry & Tracey, Warner &
 B. & O. R. R.
 *Gulford & Waltersville Granite Co.
 (Dimension & Building), Law
 bldg.
 Hilgartner Marble Co., So. Sharp &
 Ostend
 Mezger G. & Son, 1032 W Baltimore
 Rullman & Wilson (Granite Workers),
 Lafayette, E of Mt. Royal
 GRANITE—Gulford & Waltersville Gran-
 ite Co.
 GUILFORD—Maryland Granite Co.
 PORT DEPOSIT—Port Deposit Quarry Co.
 (Grits & Bldg Granite)
 WOODSTOCK—Feeney & Atherton
 Putney, Oliver C. (quarry)

MASSACHUSETTS.

BOSTON—Clements C. (Importer, Scotch),
 *Cook, Watkins & Co. (Monumental
 Wholesale), 223 Columbus av
 *Fletcher Lahey Co. (Grey, Pink &
 White), 31 State
 *Hallowell Granite Works, 53 State
 Harrington John, 166 Devonshire
 Hildreth Granite Co., 31 State
 Jones Bros. Co., 161 Summer
 *Norcross Bros. Co. (Grey, Red &
 Green Quarries at Milford, Mass.;
 Stony Creek, Conn.; Windsor, Vt.,
 & Oneco, Conn.), Tremont bldg
 *ROCKPORT GRANITE CO., 31 State
 Sweatt & Gould, 75 Main
 Van Amringe Granite Co., 167 Tre-
 mont
 Walker A. L., 31 Beacon
 CHESTER—*Chester Granite Works
 *Hudson & Chester Granite Co.
 FALL RIVER—*Beattie Wm. H. (Dealer
 & Contractor)
 FITCHBURG—Godbeer Henry
 *Litchfield Orin E.
 *McCaulliff F. A.
 GRANITEVILLE—*Fletcher H. N.
 *Hildreth H. V.
 *Palmer L. P. & Sons
 *Wright H. D.
 LANESVILLE—*Cheves Wm. R.
 *Nickerson Wallace E.
 LAWRENCE—Lawrence Granite Co.
 LINWOOD—*Blanchard Bros. Granite Co.
 LYNN—Merrill Geo. B. & Co.
 MILFORD—Hutchings Geo. T.
 *Webb Pink Granite Co.
 MONSON—Flynt W. N. Granite Co.
 QUINCY—Aberdeen Granite Works, West
 Quincy
 Aberogwen Monumental Works, West
 Quincy
 Ballou J. C.
 Barnicoat Fred, South Quincy
 Birnie & Diack, South Quincy
 *Bishop Bros., Quarry Co.
 Bishop Charles, South Quincy
 Bishop R. & B.
 Bishop Jos., South Quincy
 Bizzozero E., West Quincy
 Blue Hill Quarry Co., West
 Callahan Wm.
 Canniff W. C. & Co.
 Casna J. & Co.
 Clark & Pearce, South Quincy
 Cole & Cole
 Collins Thos. & Sons
 Columbia Granite Works
 Craig, Forbes & Co.
 Cranch Hill Granite Works
 *Crumb Quarry Co.
 Deacon Bros., South Quincy
 Deacon Walter & Co., South Quincy
 Deane A. M. & Co., South Quincy
 Di Bona Luigi, West Quincy
 Eagle Polishing Co., South Quincy
 Elcock & Sons, West Quincy
 Empire Polishing Co., South Quincy
 Falconer & Co.
 Fanning P.

Fitzgerald D. F.
 Fuller, Foley & Co., West Quincy
 Glencoe Granite Co., West Quincy
 Giordanni & Co.
 Golbranson & Co., South Quincy
 Granite Railway Co., West Quincy
 Hardwick C. H. & Co.
 Howie A. & Son
 Hughes & Johnson
 Igo Jno. & Co.
 Jenkins Jas. H.
 Joss Bros. Co.
 Kavanagh Bros. Co., South Quincy
 Kelley James F. & Son
 Kemp Alex., South Quincy
 Le Claire Marcisse & Co., West Quincy
 Long & Saunders Co., South Quincy
 McGrath Bros., South Quincy
 McIntosh A. M. & Co., South Quincy
 McLeod W. J., & Co.
 Malnati A. & Co., South Quincy
 Mannix Patrick W., West Quincy
 Maravigli John & Co.
 Marnock A. & Co., South Quincy
 Miller J. L., South Quincy
 Milne & Chalmers, South Quincy
 Milne & Hector, South Quincy
 Mitchell Polishing Co., South Quincy
 Monohan Mc., West Quincy
 Mundie Alexander
 Nicoll's Granite Works, South Quincy
 Norfolk Granite Co.
 Prout Bros., South Quincy
 Qualey J. R. & Co., South Quincy
 Quincy Avenue Granite Co.
 Quincy Column Turning Co.
 Quincy Quarries Co.
 Reed & Vendret, South Quincy
 Richards J. R., South Quincy
 Shea William & Son, West Quincy
 Smalley H. C. Granite Co.
 Smith Granite Co.
 Souden & Morrison, South Quincy
 Spargo William T., South Quincy
 Storer & Gelotte Co.
 Swingle J. S.
 Walker Joseph
 White James N. & Sons, West Quincy
 Zoia Peter & Co.

ROCKPORT—*Rockport Granite Co.
 STONEHAM—Perry, Bennett & Son
 UXBRIDGE—*Blanchard Bros. Granite
 Co.
 WEST CHELMSFORD—Fletcher H. E. Co.
 (Grey & White)
 WORCESTER—Bishop J. W. Co., 109 Fos-
 ter
 *Norcross Bros. Co. (Grey, Red &
 Green. Quarries at Milford, Mass.;
 Stony Creek, Conn. & Windsor,
 Vt., 10 E Worcester
 *Troy White Granite Co., Quarries;
 Troy, N. H.
 *Webb Granite & Construction Co.,
 Gray Quarries; Marlborough, N.
 H., & Fitzwilliam, N. H.
 *Webb Pink Granite Co., Quarries; Mil-
 ford, Mass.
 *Windsor Green Granite Co., 10 E Wor-
 cester

MINNESOTA.

ROCKVILLE—*Rockville Granite Co.
 ST. CLOUD—*Agate Granite Co.
 *Benzie & Campbell
 *Black Diamond Granite Co.
 East St. Cloud Granite Co.
 Erickson August & Co.
 *Frick & Borwick Granite Co.
 *Granite City Granite Co.
 *Holes Bros.
 Jones S. A.
 Melrose Granite Co.
 Morgan Flaherty
 Northwestern Granite Co.
 Pioneer Granite Co.
 *St. Cloud Granite Works
 Salaski John
 *Simmers & Campbell
 United Granite Co.
 SAUK CENTER—*Sauk Center Granite Co.
 SAUK RAPIDS—Sauk Rapids Granite Co.

MISSOURI.

GRANITEVILLE—Schneiderville Granite
 Co.
 Sheahan A. J. Granite Co.
 KANSAS CITY—Rice, Marshall H.
 KNOBLICK—*Missouri Granite & Con-
 struction Co.
 ST. JOSEPH—Abercrombie Stone Co.
 Pfeiffer Stone Co.

ST. LOUIS—*Eyerhmann G. & Bro., 1216 S Grand av
Missouri Granite & Construction Co., 3410 Gratiot
*Schneider Granite Co., 2140 DeKalb
Schneiderville Granite Co.

NEW HAMPSHIRE.

CONCORD—Clark F. R.
Concord Granite Co.
Duffy M. J.
Dunstane T. H.
*Fox Thomas
Gannon Michael G.
*Henneberry & Halligan
Langley & Scampini
Lapierre A. A. & Co.
Larson & Carlson
McAlpine A. G. & Co.
*New England Granite Works
New Hampshire Granite Co.
Perry Bros.
Phillips & Sanders
*Racine, Oliver & Co.
***SWENSON JOHN GRANITE CO.**
FITZWILLIAM DEPOT—
*Hind Edward W.
Thompson S. B. & Co.
Thompson E. M.
Valz E. G. & Co.
Valz John P.
*Webb Granite & Construction Co.
Wilson A. F.
KEENE—Victoria White Granite Co.
LANCASTER—Emerson & Co.
MARLBORO—*Webb Granite & Construction Co.
MILFORD—Bergami F. Nicholas
Bishop J. B.
Burnett Bros.
Caron Bros.
Columbia Granite Co.
Conti Bros.
*Daniels D. L. & Co.
Felli P. C. & Co.
*Kittredge Quarries
Lovejoy Granite Co.
Macchi & Co.
Milford Granite Co.
*New Westerly Granite Co.
*Pease Co.
Tonella & Sons
Wark Jas.
Young's Sons & Co.
NASHUA—Mulvanity T. (Estate of)
*Nashua Granite Co.
NORTH HAVERHILL — *Jesseman Granite Co.
REDSTONE—*Maine & N. H. Granite Corp.
ROCHESTER—*Hawkes E. M.
Smalley, Hobbs & Hunter
SUNCOOK—*Bailey Charles A.
TROY—*Troy White Granite Co.

NEW JERSEY.

EDGEWATER—Batterson & Eisele
NEWARK—Wyllie-Saylor Granite Co., 627 Central av

NEW YORK.

BUFFALO—*McDonnell & Sons, 858 Main
Maltby Geo. W. & Sons Co., 21 Maryland

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Hynes John, Bond & Union
Peirce J. Co., Greenp't av & Newt'n creek

Boroughs of Manhattan and Bronx.

NEW YORK—Annett & McConnell, 6 W 141st
*Batterson J. G., 489 5th av.
Batterson & Eisele, 101 Park av
*Booth Bros. & Hurricane Isle Granite Co. (Red, Grey & White), 208 B'way
Brown John & Sons, Rider av & 141st
Cardo Bros. & Co., Cypress av & 132d
*Chase Granite Co., 11 B'way
Crotch Island Granite Co. (Quarries at Stonington, Me.), 26 Cortland, New York
Davey Edw. J. & Co., 135th & Park av
*Dutton James E., 42 E 23d
Earl Chas. F. & Co., 1133 B'way
French H. Q. & Son, 15 E 40th

Harrison Granite Co., 200 5th av
Herow Granite Co., Willow av & 133d
Horn I. W. & C. Co., 2514 Park av
La Spina Peter Co., 2 Canal pl
Lenahan Bernard J., 140th & Rider av
Leopold J. & Co. (Granite Contractors), 223 Broadway
Le Poidevin A. & Co., 286 5th av
*Mohegan Granite Co., 101 Park av
*New England Granite Wks., 480 5th av
*Norcross Bros. Co. (Grey, Red & Green), 103 Park av
O'Connell M., 523 W 40th
O'Connor-Walker Cut Stone Co., 200 Fifth av
Penney & Bunt, Willow av & 132d
***ROCKFORD GRANITE CO., 21 Park row.**
Seagrist F. W. Jr. Co., 533 E 18th
Sherwood G. P. & Co., 52 Vanderbilt
Sherwood S. Clinton, 61 B'way
***SWENSON JOHN GRANITE CO.**
101 Park av
*Tayntor C. E. Granite Co., 29 W 34th
Wegenaar John L. Co., 299 B'way
Williams B. A. & G. N. (Inc.), Walnut & 133d
WOODBURY GRANITE CO. ("Woodbury Gray," "Imperial Blue," "Vermont White," "Peerless White" & "Bethel White"), 101 Park av
Young Jas. H. Stone Co., 136th & Locust av

Borough of Queens.

LONG ISLAND CITY—Dyer John N. & Son
McGrath Michael & Co., B'way
McGratty & Sons Marble Works, 313 Butler
Neary Peter & Son Co., Blisville
Tedeschi & Tedeschi, 632 Boulevard, Astoria

(End of New York City)

PORT JERVIS—Nearpass E. E.

NORTH CAROLINA.

ASHEVILLE—*Balfour Quarry Co.
CHARLOTTE—Mecklenburg Marble & Granite Co. (Cut Contractors)
MOUNT AIRY—Lemmerman & Hoffman Granite Co.
Mount Airy Granite Cutting Co.
*North Carolina Granite Corp.
SALISBURY—Carolina Marble & Granite Co.
*Harris Granite Quarries Co.
WISE—*Wise Granite & Construction Co. (Pink & White)

OHIO.

ADA—Ada Granite Co.
CINCINNATI—Cincinnati Granite Works, 4043 Spring Grove av
Sarvis W. H., 941 W 5th
CLYDE—Hughes Granite Co.
MANSFIELD—Preston, Burton & Co. (Wholesale Granite Monuments)
Wolff E. M. & Co. (Dealers)
XENIA—Dodds Geo. & Sons Granite Co. (Monuments)
ZANESVILLE—Cary F. S. & Co.
Townsend W. C. & Co.

PENNSYLVANIA.

ALLENTOWN—Wenz Company
GETTYSBURG—*Lightner Nathaniel
PHILADELPHIA—*Birdsboro Stone Co., Bulletin bldg
Dunn Wm. J. & Son, 331 S 23d
Gray Wm. & Sons Co., 30th, bel Walnut
Hagan John & Co., Comly ab, Del.
Hastings & Morrison, 1510 Wash'n av
Holmesburg Granite Co., Commercial Trust bldg
Law & Burwell, Union & Ogden
Richardson & Ross Quarry Co., Penna bldg
PITTSBURGH—Booth & Flinn (Ltd.) (Ligonier), 1942 Forbes
Colwell Granite Co., Farmers' Bank bldg
Lauffer W. A. & Co., 2319 Liberty av
ROSLYN—*Hillside Granite Co.
ST. PETERS—*French Creek Granite Co.
WEST GROVE—*Pennsylvania Marble & Granite Co.

RHODE ISLAND.

EAST PROVIDENCE—Chace Andrew R.
*McCormick Jos.
NEWPORT—Sweet E. F.
PAWTUCKET—O'Connor Maurice M. & Son
PROVIDENCE—Barden Peter
Bishop J. W. Co., Butler Ex
Burns John Granite Co., 840 N Main
Del Giudice A. & Son, 703 Atwells av
Farnum & Co., 1088 Westminster
Kimball & Combe Co., 96 Westminster
Norcross Bros Co. (Grey, Red & Green), 49 Westminster
Providence Granite Co., 125 Harris av
Richards John R., 977 N Main
Tingley & Co. (Polisher), 215 W Exch.
WESTERLY—Coduri & Marzoli
Columbia Granite Co.
*Crumb Quarry Co.
*Farrell Andrews & Sons
Flynn M. W.
*Gourlay Granite Works
*Murray Alex. & Co.
Newall Jos. & Co.
*New England Granite Works
*Smith Granite Co.

SOUTH CAROLINA.

CHARLESTON—Winnsboro Granite Corp.
RION—Beauchamp R. L. & Co.
SPARTANBURG—*Southern Marble & Granite Co.

VERMONT.

ADAMANT—*Patch & Co.
BARRE—*Allan & Newcombe
*Barclay Bros.
Barre Granite & Quarry Co.
*Barre Medium Granite Co.
Barre Monumental Yard
Beck & Beck (Polishing)
Blanchi Chas. & Sons
Bond Geo. E. & Co.
Boutwell, Milne & Varnum Co.
Brown, Carroll & Co.
Brown John & Son
*Brusa Bros.
Bugbee E. A. Co.
Burke Bros.
Canton Bros.
Carswell, Wetmore & Co.
Carusi E. A.
Central Granite Co.
*Chioldi Bros.
Cole Wm. & Son
Comolli & Co.
*Consolidated Quarry Co.
Corskier J. P. & Son
*Dessureau & Co.
Dewey Column & Monumental Works
Freeman & Wasgatt
Gaspardo Bros.
Gerrard Barclay Granite Co.
Giudici Bros. & Co.
Glysson Eugene C.
Hoyt & Milne, Inc.
Greearson & Lane Co.
Harrison Granite Co. (Monumental & Mausoleum). (See New York)
Hoyt & Lebourveau Co.
Johnson & Gustafson
Jones A. S.
*Jones Bros. Co.
La Clair & McNulty
Lillie Granite Co.
Littlejohn, Odgers & Milne
McColl & Abare
*McDonnell & Sons
McMillan C. W. & Son
Malnati Bros.
*Marr & Gordon
Marrion & O'Leary
Martell Jos.
Martinson Estate Co.
Melcher & Hadley
Milne Alex.
Milne Wm. Granite Co.
Mutch & Calder Granite Co.
Newcombe T. J.
North Barre Granite Co.
Novelli & Calcagni Co.
Oliver & Co.
Palaora Bros.
Parnigoni Bros.
Parry & Jones Co.
Peerless Granite Co.
*Presbrey-Coykendall Co.
Ream-McBee Co.
Rizzi Bros.
Rizzi L. G.
Robertson James C.
Robins Bros.
Ross & Ralph

Rossi & Casellini
Roux Granite Co.
*Sanguinette Jos. B.
Sanguinetti Augusto
Saporiti J. P. & Co.
Sassi L. & Co.
Scandia Granite Co.
Scott Bros.
Sector James & Co.
Shield Waldron & Co.
*Smith E. L. & Co.
Star Granite Co.
Stevens H. D.
Straiton George
Sullivan Eugene & Son
Townsend W. C. & Co.
Valz Granite Co.
Vanetti Granite Co.
*Wells-Lamson Quarry Co.
Woodcock Bros.
Young Bros. Co.

BRATTLEBORO—*Grant Chas. H., Granite Co.

BURLINGTON—Burlington Granite Co.
Goodell Granite & Marble Co.
Johnson John W.

EAST BARRE—Lucia Granite Co.
Veronesi Mfg. Co.
World Granite Co.

GRANITEVILLE—*Pirle James K.
GROTON—Hosmer Bros.

HARDWICK—American Granite Co.
Crystal Brook Granite Co.

Eureka Granite Co.
*Fletcher E. R.
Hardwick Polishing Co.
Hay John
James Granite Co.
Murch E. B.
Purdy F. A.

*WOODBURY GRANITE CO. ("Woodbury Gray," "Imperial Blue," "Vermont White," "Peerless White" & "Bethel White")

MONTPELIER—Ariola G. & Co.

Blanchi G. R. Granite Co.
Bonazzi & Bonazzi
Bowers R. C. Granite Co.
Callahan Timothy E.
Columbian Granite Co.
Doucette Bros.
Excelsior Granite Co.
Fraser Robert M.
Gill C. P. & Co.
Globe Granite Co.
Johnson Granite Co.
Jurras Granite Co.
Lillie Granite Co.
Mills & Co.
National Granite Co.
Whittier Quarry Co.
Poulin J. Granite Co.

*Wetmore & Morse Granite Co.

MORRISVILLE—Mould F. W.
Union Granite Co.

NEWPORT—Kingston Granite Co.

NORTHFIELD—Brusa Granite Co.
*Cross Bros. Co.
Pelaggi N. & Co.
Phillips & Slack

RUTLAND—Clark Jas. S.
Everson & Co.
Temple Bros. (Wholesale)

ST. JOHNSBURY—Walker J. E.

SOUTH RYEGATE—Anderson A.
Farquharson Robert
MacDonald Murdo F.

SWANTON—Judd Walter S.

WATERBURY—Blondin L. S.
Carr W. L. & Co.

Drew-Daniels Granite Co.

O'Clair C. L.

Perry Granite Co.

Union Granite Co.

WEBSTERVILLE—*Doucett-Roleau Co.

*Wells-Lamson Quarry Co.

*Wetmore & Morse Granite Co.

WEST BERLIN—Davis Bros.
Provost & Son

WEST DANVILLE—Goss & Conly

WEST DUMMERSTON—*Bailey D. J.

*Lyons G. E., Granite Co.

WILLIAMSTOWN—Passera Bros.

WINDSOR—*Windsor Green Granite Co.

WOODBURY—Woodbury Granite Co.

VIRGINIA.

PETERSBURG—Burns & Campbell

RICHMOND—Sunny Side Granite Co.

*Wray Andrew J., 328 S Cherry

WASHINGTON.

SEATTLE—*Soderberg J. A.

WISCONSIN.

ABLEMAN—*Wisconsin Granite Co.

AMBERG—*Pike River Granite Co.

BERLIN—*Wisconsin Granite Co. (See Chicago, Ill.)

GRANITE HEIGHTS—Anderson Bros. & Johnson Co. (Wausau Red)

*American Granite Co. (See Milwaukee)

LA CROSSE—Hynne-Benrud Granite Co.

MILWAUKEE—American Granite Co. (Wisconsin Mahogany), 15th & Cleveland av

Sutter H. Granite & Marble Co., 562 Muskego av

PLYMOUTH—Kegler G. F.

RACINE—*Portland Granite Co.

WATERLOO—*Portland Granite Co.

WAUSAU—*Marathon Granite Co.

5565—Granite (Seam Face)

Holmesburg Granite Co., Commercial Trust bldg, Phila., Pa.

Matthews Construction Co., Princeton, N. J.

Plymouth Seam Face Granite Co., 6 Beacon, Boston, Mass.

Graphophone Mfrs.

See Talking Machines

5566—*Graphite (Air Brake)

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J. See adv index at end of book

DIXON'S Graphite Lubricants

Lubricating graphite; graphite greases and automobile lubricants; electrotyping graphites; graphite for boilers and in fact graphite for all purposes.

Made in JERSEY CITY, N. J. by the
JOSEPH DIXON CRUCIBLE COMPANY

 ESTABLISHED 1827 

5567—*Graphite Boxes & Covers

DIXON JOSEPH CRUCIBLE CO. ("Dixon's," for Baking Carbons, etc.), Jersey City, N. J.

See adv index at end of book

5568—*Graphite (Commutator)

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.

See adv index at end of book

5569—*Graphite (Electrotyping)

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.

See adv index at end of book

5570—Graphite Miners & Refiners

Acheson Graphite Co. ("Oildag," "Gredag" & "Aquadag"), Niagara Falls, N. Y.

Aetna Graphite Co., 1329 Cleveland av, Columbus, O.

Alabama Graphite Co., Ashland, Ala.

American Graphite Co., Gadsen, Ala.
American Graphite Co., 38 S Dearborn, Chicago, Ill.

Asbury Graphite Mills, Asbury, N. J.

Ashland Graphite Co., Ashland, Ala.

Ayers, Bridges & Co. (Imp), 79 Wall, New York

Bloomsbury Graphite Co., Bloomsbury, N. J.

Chester Graphite Co., Chester Springs, Pa.

Cummings & Moore Graphite Co., 612 Atwater, E Detroit, Mich.

Detroit Graphite Co., 10 12th, Detroit, Mich.

DIXON JOSEPH, CRUCIBLE CO., Jersey City, N. J.

See adv index at end of book

Elk Graphite Milling Co. (Importers & Refiners), St. Marys, Pa.

Federal Graphite Mills, 2639 E 79th, Cleveland, O.

Frost & Cundill, Inc. (Imp.), 60 Wall, New York

Griesmer Graphite Co., Anniston, Ala.

Hill & Griffith Co. (Refiners), 1248 State av, Cincinnati, O.

Jennings Graphite Co., Lineville, Ala.

Kelly Graphite Mills ("Kelco" Boiler & Foundry Graphite), 355 W 26th, New York

Lineville Graphite Co., Lineville, Ala.

Norway Graphite Milling Co. (Refiners), Birmingham, Ala.

Pettinos Bros., 25 Church, New York

Quenelda Graphite Co., Quenelda, Ala.

Rock Graphite Mining & Mfg. Co., 423 Walnut, Phila., Pa.

Smith Facing & Supply Co. (Refiners), Columbia bldg, Cleveland, O.

Southern Graphite Co., Ashland, Ala.

Standard Graphite Co., Ashland, Ala.

United States Graphite Co., Saginaw, Mich.

Wisconsin Graphite Co., Stevens Point, Wis.

5571—*Graphite (Oiled)

DIXON JOSEPH CRUCIBLE CO. ("Dixon's"), Jersey City, N. J.

See adv index at end of book

5572—*Graphite Products

American Graphite Co., 38 So Dearborn, Chicago, Ill.

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.

See adv index at end of book

5573—*Graphite (Stick & Paste)

DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.

See adv index at end of book

5574—Graphometers

Chicago Electric Meter Co., 1045 Washington, Chicago, Ill.

5575—Grate Bar Mfrs.

Acme Furnace Equipment Co., 39 Cortlandt, New York

Alloy Steel Forging Co., Carnegie, Pa.

American Manganese Steel Co., 193 Michigan av, Chicago, Ill.

Armstrong Mfg. Co., Springfield, O.

Arnold-Creager Co., New London, O.

Baker Wm. H. ("National" Shaking), Trenton, N. J.

Barker Jas. ("Barker"), 6th & Cayuga, Phila., Pa.

BEGGS JAMES & CO., 30 Warren, New York

Borger Bros. Co., Broad & Scioto, Columbus, O.

Bowler Foundry Co. ("Kerstine"), 1688 Columbus, Cleveland, O.

Bruce-Macbeth Engine Co. ("Aetna"), Cleveland, O.

Brunswick Refrigerating Co. ("Standard") West New Brunswick, N. J.

Burr Co., Champaign, Ill.

Casey-Hedges Co. (Hollow Blast Shaking, etc), Chattanooga, Tenn.

Cherry Tree Machine Co., Cherry Tree, Pa.

Columbus Iron Works, Columbus, Ga.

Combustion Engineering Corp. ("Grieve," Dumping & Stationary), 11 B'way, New York

Continental Grate Co. (Shaking), Exchange bldg, Boston, Mass.

Cumberland Foundry & Mfg. Co. (Herringbone Circular, Two Finger), Nashville, Tenn.
 Cyclone Grate Bar Co. ("Cyclone"), 9 Grimes, Buffalo, N. Y.
 Daugherty Foundry Co. ("Tupper," "Adams" & Circle Grate for Vertical Boilers), Allentown, Pa.
 Decatur Cornice & Rfg. Co., New Decatur, Ala.
 DeVed & Sons Sash Weight Co., 807 S Howard, Baltimore, Md.
 Dobbie Foundry & Machine Co. ("Niagara" Shaking), Main Office & Works: Niagara Falls, N. Y.
 Donegan & Swift ("Swift's Economy"), 6 Murray, New York
 Dorrance Chas. J., 111 Jackson blvd, Chicago, Ill.
 Downey T. F. Boiler Works, 323 W Austin av, Chicago, Ill.
 Elkhart Iron Works ("Elkhart"), Elkhart, Ind.
 Empire Grate Co., Chester, Pa.
 Erie City Iron Works, Erie, Pa.
 Erie Engine Works (Shaking, Dumping & Stationary), Erie, Pa.
 Farris Jos., Springfield, Ill.
 Finch Mfg Co. (Pin Hole), Scranton, Pa.
 Ferguson F. & Son, Hoboken, N. J.
 Fox Benj. Sons, 513 W 34th, New York
 Frost Mfg. Co. (Rocking, etc), Galesburg, Ill.
 Gehl Bros. Mfg. Co., West Bend, Wis.
 Gibson Iron Works Co. (Common Sense, Dumping, etc), 168 1st, Jersey City, N. J.
 Glascock Stove & Mfg. Co., Greensboro, N. C.
GODFREY-KEELER CO. ("Mahony," All Kinds), 70 Warren, New York
See adv index at end of book
 Golden's Foundry & Machine Co., Columbus, Ga.
 Gordon Hollow Blast Grate Co. ("Tuyere," Hollow Blast), Greenville, Mich.
 Grainger & Co., Louisville, Ky.
 Green Engineering Co. ("Green" Chain Grate Stokers), East Chicago, Ind.
 Grieve Grate Co. ("Grieve" Dumping & Stationary), 11 Broadway, New York
 Gulickson Geo., 330 Milwaukee av, Chicago, Ill.
 Hartley Boiler Works, Montgomery, Ala.
 Heatherington & Berner, Indianapolis, Ind.
 Helmick Foundry & Machine Co. (Furnace), Fairmont, W. Va.
 Herrick Geo. S. ("Herrick"), Syracuse, N. Y.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Huber Grate Bar & Stoking Co., 1114 E Monument, Baltimore, Md.
 Hulson Grate Co., Keokuk, Ia.
 Huntsville Foundry & Machine Co., Huntsville, Ala.
 Imperial Iron Works, Duluth, Minn.
 International Engineering Works ("MacDonald" Shaking), Framingham, Mass.
 Iron City Grate Bar Co., Warren, O.
 Janney & Co., Montgomery, Ala.
 Jarvis Engng. Co. (Sheffield), 261 Franklin, Boston, Mass.
 Kahl Iron Foundry, 537 Atwater, Detroit, Mich.
 Keeler E. Co., Williamsport, Pa.
 Kelly Foundry & Machine Co. ("Kelly"), Goshen, Ind.
 Kewanee Boiler Co. ("Aetna"), Kewanee, Ill.
 Kramer Bros. Foundry Co. ("Lo-Co"), Dayton, O.
 Kugler & Shane, Woodall & Clement, Baltimore, Md.
KUTZTOWN FOUNDRY & MACHINE CO., 1421 Chestnut, Phila., Pa.
See adv index at end of book
 Litchfield Foundry & Machine Co., Litchfield, Ill.
 Long Grate Bar Co., Buffalo, N. Y.
 Love Bros., Aurora, Ill.
 Love Mfg. Co., Corry, Pa.
 McClave-Brooks Co. ("McClave" Shaking), Poplar st, Scranton, Pa.

McCLAVE GRATE BAR CO. ("Ellis" Improved Cut Off), 30 Warren, New York
 McGee Jos. Iron & Brass Foundry Co., 51 6th, Long Island City, N. Y.
 McNaughton Mfg. Co. (Sectional), Maryville, Tenn.
MACKINNON BOILER & MACHINE CO. ("Peerless"), 218 N Water, Bay City, Mich. *See adv index at end of book*
 Macknet Grate Bar Co., 30 Pine, New York
 Madison Foundry Co., Cleveland, O.
 Marion Machine, Foundry & Supply Co. ("Shear-Klean," "Marion" Interlocking & Rocker), Marion, Ind.
 Marshall Foundry Co., Pittsburgh, Pa.
 Martin Grate Co. ("Martin," Anti-Friction Rocking), Fisher bldg, Chicago, Ill.
 Mechanics' Iron Foundry Co. ("Bannister"), 38 Kemble, Rox, Boston, Mass.
 Mershon Patent Shaking Grate Works, 147 N 3d, Phila., Pa.
 Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.
 Mobile Pulley & Machine Co., Mobile, Ala.
 Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
 Murray Iron Works Co. (Plain & Rocking), Central av & Washington, Burlington, Ia.
 Myrick Machine Co., Olean, N. Y.
 National Foundry Mfg. & Supply Co. ("National"), Williamsport, Pa.
 Neemes Bros. (Self Cleaning), Troy, N. Y.
 New England Roller Grate Co. (All Types), Springfield, Mass.
 Niver Iron Works Co., Muscatine, Ia.
 Nordeen H. G. (Hot Blast), Everett, Wash.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Old Dominion Marine Ry. Corp., Berkeley, Va.
 Parson Mfg. Co., 149 B'way, New York
 Patch S. B. & Sons Co. ("Patch" Rocking), Streator, Ill.
 Perfection Grate Co., Springfield, Mass.
 Portland Co., Portland, Me.
 Price-Evans Foundry Co., Chattanooga, Tenn.
 Pyramid Grate Bar Co., 30 E 42d, New York
 Quinn & Co., 222 E 9th, Cincinnati, O.
 Rider Wm. E. & Co. ("Mansfield"), Mansfield, Mass.
 Robertson Jas. L. & Son ("Common Sense"), 78 Murray, New York
 Robson Chas. & Co. ("Tupper-Herringbone," "Ajax," Rocking), 8th & Washington av, Phila., Pa.
 Rose Patent Grate Co., Council Bluffs, Ia.
 Rosedale Foundry & Machine Co. ("Playford," "Pittsburg"), Washington & Preble, Pittsburgh, Pa.
 Rothe Jos. F. Foundry Co. (Shaking), Green Bay, Wis.
 Russell Fdry & Mach. Works, 51 6th, Long Island City, N. Y.
 Rutzler Enoch Co., 404 E 49th, New York
 Salamander Grate Bar Co. ("Salamander," "Aetna," "Steele," "Ryder" & "Rogers"), 126 Liberty, New York
 Smith Iron Foundry, Inc., Lynn, Mass.
 Southern Boiler & Tank Works, Memphis, Tenn.
 Sprague Foundry & Mfg. Co. ("Rose Patent"), Council Bluffs, Ia.
 Springfield Boiler Co., Springfield, Ill.
 Stowell The ("Hall's" Patent), S Milwaukee, Wis.
 Stuart Foundry Co., Detroit, Mich.
 Superior Iron Works Co., Superior, Wis.
 Thacher Geo. H. & Co. ("Albany" Sectional Dumping; also Stationary), Albany, N. Y.
 Thomas Grate Bar Co. ("Thomas" Elliptic), Birmingham, Ala.
 Thompson Richard & Co. Anti-Clinker Rocking, "Aetna" Shaking "Thompson's" Dumping, "Thompson's" Sectional & "Steel's" Revolving, Shaking & Dumping Grates), 126 Liberty, New York

THROPP'S JOHN E. SONS CO., ft. of Lewis, Trenton, N. J.
See adv index at end of book
 Toledo Foundry & Machine Co., Toledo, O.
 Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
 Treadwell M. H. Co. ("Treadwell" Shaking, etc.), 140 Cedar, New York
 Treadwell M. H. Co. of Ill. ("Treadwell"), 203 S LaSalle, Chicago, Ill.
 Tuscaloosa Iron Works, Tuscaloosa, Ala.
 United Iron Works Co. (Plain, Hollow, Blast & Rocking), Springfield, Mo.
 Valley Iron Works ("Ajax Rocking," "Tupper," Circular), Williamsport, Pa.
 Variety Iron & Steel Works Co., Cleveland, O.
 Wallwork H. Foundry Co., Birmingham, Ala.
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.
 Walton C. J. & Son, Louisville, Ky.
 Washburn & Granger ("Dean"), 50 Church, New York
 Water Arch Furnace Co., 38 S Dearborn, Chicago, Ill.
 Watts Regulator Co. ("Watt" Shaking Stationary & Reciprocating), Lawrence, Mass.
 Western Iron & Foundry Co., Wichita, Kans.
 Wetherill Robt. & Co., Chester, Pa.
 Wickes Bro., Saginaw, Mich.
See adv index at end of book
 Woburn Iron Foundry, Inc. ("Foster" Shaking & Rocking), Woburn, Mass.

5576— Grate Settings

Maurer Henry & Son ("Liverpool"), 420 E 23d, New York

Graters (Apple)

See Apple Grating Machines

5577—Graters (Horse Radish)

Ames Plow Co., Quincy Hall, Boston, Mass.
 Central Stamping Co. ("Puritan" Hand), 172 Fulton, New York
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
 Houchin Thos. W. Co., 38 E 21st, New York
 Kelso & Co., 557 W Quincy, Chicago, Ill.
 National Enameling & Stamping Co. (Hand), 411 5th av, New York
 Schroeter Bros. Hardware Co. ("Schroeter's Power"), 717-19 Wash av, St. Louis, Mo.
 Smith's Jno. E. Sons Co., Buffalo, N. Y.

5578— Graters (Nutmeg)

Caldwell Mfg. Co. ("Gem"), Rochester, N. Y.
 Edgar Mfg. Co., Reading, Mass.
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*
 Hamblin & Russell Mfg. Co. ("Unique," "Yankee," "New Rapid"), Worcester, Mass.
 Handy Things Mfg. Co., Ludington, Mich.
 Saal H. G. Co. (Rotary), 4410 Ravenswood av, Chicago, Ill.

5579— Grates (Cellar)

Camden Iron Works, Salem, Va.
 Decatur Cornice & Roofing Co., New Decatur, Ala.
 Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
 Huntington Iron Works, Huntington, W Va.
 Majestic Co., Huntington, Ind.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Stevens Iron Works & Fireproofing Co., Cleveland, O.

Grate Bars

Rocking and Dumping and Stationary Grates of All Kinds for Any Type Boiler. Shaking Grates for Vertical Boilers.

GODFREY-KEELER CO., 70 Warren Street
 NEW YORK

Grates (Dumping)

See Grates, Bar Mfrs.

5580—*Grates, Fenders & Mantels

See Also Andirons, Fenders & Grates
See also Fireplace Furnishings
JACKSON EDWIN A. & BRO., Inc., 50
Beekman, New York.
See adv index at end of book

5581— Grates (Gas, Parlor)

American Stove Co. ("Reliable," "New
Process," "Quick Comfort"), St.
Louis, Mo.
Dawson Bros., 523 N Halsted, Chicago,
Ill.
JACKSON EDWIN A. & BRO., Inc., 50
Beekman, New York.
See adv index at end of book
Penna Furnace & Stove Co., Warren, Pa.
Van Zandt Gas Appliance Co., 405 Olive,
St. Louis, Mo.

Grates (Hollow Blast)

See Grate Bar Manufacturers

5582— Grates (Portable)

See Fire Place Furnishings Mfrs.

Grates (Rocking)See Grate Bar Manufacturers with word
"Rocking" following names**5583—Grates (Shaking & Dumping)**

See also Grate Bar Manufacturers
GODFREY-KEELER CO. ("Mahony"), 70
Warren, New York
See adv index at end of book

5584—Grates (Traveling Link)

Babcock & Wilcox Co., 85 Liberty, New
York
Erie Foundry Co., Erie, Pa.
Green Engineering Co., East Chicago,
Ind.
Illinois Stoker Co., Alton, Ill.
Weir & Craig Mfg. Co. ("Chicago"), 2421
Wallace, Chicago, Ill.

**5585—*Grates (Ventilating, Fire-
place)**

JACKSON EDWIN A. & BROS., INC., 50
Beekman, New York
See adv index at end of book

5585a— *Grates (Water)

NATIONAL TUBE CO. ("SHELBY"),
Frick bldg., Pittsburgh, Pa.
See adv index at end of book

**5586—Grates & Rests (Farmers',
Etc.)****Sperry D. R. & Co.**, North Aurora, Ill.**5586a—Gratings (Iron & Steel)**

IRVING IRON WORKS CO. ("Subway")
3d & Creek, Long Island City, N. Y.

5587— Gravel (Bird)**Horton F. T.**, Hoboken, N. J.**5587a—*Gravel Screening Plants**

See Sand Excavation & Screening Plants
JEFFREY MFG. CO., 961 N Fourth, Co-
lumbus, O.
See adv index at end of book

**5588—Gravel Washing & Screening
Plants**

Buckbee J. C. Co., 38 S Dearborn, Chi-
cago, Ill.
Dull Raymond W. Co. ("Dull"), 111 W
Wash., Chicago, Ill.
LINK-BELT CO., 39th & Stewart av, Chi-
cago, Ill., & Hunting Park av & P. &
R. Ry., Phila., Pa.
See adv index at end of book
Meese & Gottfried Co., 660 Mission, San
Francisco, Cal.

Smith Engng Works, 1155 32d, Milwaukee,
Wis.
Stephens-Adamson Mfg. Co. (Complete
Washing Plants), Aurora, Ill.
Webster Mfg. Co. (Complete Sand & Gravel
Washing Plants), Tiffin, O.

5589— *Grease (Airoilene)

CHICAGO PNEUMATIC TOOL CO.,
Fisher bldg, Chicago, Ill.
See adv index at end of book

**5590—Grease (Cable & Elevator
Shaft)**

Climax Refining Co. ("Cable Compound"),
Williamson bldg, Cleveland, O.
DIXON JOSEPH CRUCIBLE CO., Jersey
City, N. J. *See adv index at end of book*
Leschen A. & Sons Rope Co., 920 N 1st,
St. Louis, Mo.
National Refining Co., Cleveland, O.
ROEBLING'S JOHN A. SONS CO. (Cable
& Rope), Main Office, Trenton, N. J.
Works: Trenton & Roebing, N. J.
See adv index at end of book
Star Lubricating Oil Co. (Kinsman),
8714 Broadway S E, Cleveland, O.
United States Graphite Co., Saginaw,
Mich.

Grease Cups

See Lubricators, Oil & Grease Cup
Also Lubricators, Automobile
Also Lubricators, Gas Engine, etc

5591— Grease (Gear)

Climax Refining Co., Cleveland, O.
DIXON JOSEPH CRUCIBLE CO., Jersey
City, N. J.
See adv index at end of book
Marshall Oil Co. of Iowa ("Rix" Cork
Graphite), Marshalltown, Ia.
United States Graphite Co., Saginaw, Mich.

5592— *Grease (Graphite)

See also Lubricants, Graphite
DIXON JOSEPH CRUCIBLE CO. ("Dix-
on's" for Open Bearings on Spindles,
Shafting, etc), Jersey City, N. J.
See adv index at end of book

Grease Guns

See Oil & Grease Guns & Syringes

5593— Grease (Rolling Mill)

Bayerson Oil Works (Gear Shields, Pinion,
Hot & Cold Neck, etc), Erie, Pa.

5594— Grease (Tanners')

Marden, Orth & Hastings Co., 61 Broad-
way, N. Y.
Reisig Chas. H. (Imported), 269 Water,
New York
Swan Alden S. & Co., 135 Front, New York

5595—Grease (Wire Drawing)

Climax Refining Co., Cleveland, O.
Houghton E. F. & Co., 240 W Somerset,
Phila., Pa.
Sonneborn L. Sons ("Amalie"), 262 Pearl,
New York

Grease (Wool)

See Degras

5596—Greases & Oils (Axle)

American Oil Corp. ("Advance"), Jack-
son, Mich.
Aspinwall Geo. -H., Inc., 134 Halladay,
Jersey City, N. J.
Atlantic Refining Co., 3144 Passyunk av,
Phila., Pa.
Baum's Castorine Co. ("Castorine" Axle
Oil), Rome, N. Y.
Brooks Oil Co., C & P & Erie R R, Cleve-
land, O.
Canfield Oil Co., C & P & Erie R R,
Cleveland, O.
Cortland Specialty Co. ("Houts"), 174
Railroad, Cortland, New York
DIXON JOSEPH CRUCIBLE CO. ("Dix-
on's" Graphite), Jersey City, N. J.
See adv index at end of book
Downing Grease Co., Boston, Mass.
Fiske Bros. Refining Co., 24 State, New
York

Frazer Lubricator Co., 3921 Normal av,
Chicago, Ill.
Freedom Oil Works Co., Freedom, Pa.
Great Western Oil Co. ("Great Western"),
Cleveland, O.
Harbaugh A. G. Co. ("Grapho"), Hipp.
Annex bldg, Cleveland, O.
Harris A. W. Oil Co., 326 S Water, Provi-
dence, R. I.
Herrmann Jos. F & Co., Fisher bldg, Chi-
cago, Ill.
Hilgen Bros. ("Four Bros." "U-Au-To"),
Albany, N. Y.
Houghton E. F. & Co., 240 W Somerset
Phila., Pa.
Ilisley, Doubleday & Co., 229 Front, New
York
Indian Refining Co. ("Blue Grass," Dark
or Light), 44 Whitehall, New York
Marshall Oil Co. of Iowa ("Rex" Graph-
ite), Marshalltown, Ia.
Monitor Oil Co., Cleveland, O.
Moore Oil Co. (For Jobbing Trade Only),
York & McLean av, Cincinnati, O.
National Refining Co., Cleveland, O.
Nye Wm. F. (Oils), New Bedford, Mass.
Paragon Refining Co., Toledo, O.
Pierce Oil Corp., Bank of Com. bldg, St.
Louis, Mo.

Richardson Lubricating Co., Quincy, Ill.
Shining Light Mfg. Co., Buffalo, N. Y.
Smith & Nichols, 121 Maiden la, New York
Snow Flake Axle Grease Co., Fitchburg,
Mass.

Sonneborn's L. Sons ("Amalie"), 262 Pearl,
New York
Standard Oil Co. of N. J., 26 B'way, New
York
Standard Oil Co. of New York ("Mica"),
555 W 25th, New York
Stuart D. A. & Co., 29 S La Salle, Chicago,
Ill.

Sun Co., Finance bldg., Phila., Pa.
Swan & Finch Co., 165 Broadway, New
York
Texas Co. ("Texaco"), 17 Battery pl, New
York

United States Graphite Co., Saginaw, Mich.
Vacuum Oil Co. ("Gargoyle," "Mobilolls,"
"Mobilubricant"), Rochester, N. Y.
Waverly Oil Works Co., Pittsburgh, Pa.
Winn Wm. R. (Jobbers), 143 Maiden la,
New York, & Springfield, Mass.
World Refining Co. ("Phillips' World,"
"Black Diamond"), Easton, Pa.
Zurn O. F. Co. ("Zurn's"), Broad & Le-
high, Phila., Pa.

5597— Green House Builders

Bickelhaupt Geo. Skylight Works, 722 11th
av, New York
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brook-
lyn, N. Y.
King Construction Co., N Tonawanda,
N. Y.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Meyers Fred. J. Mfg. Co., Hamilton, O.
See adv index at end of book
Moninger John C. Co., 47 W 34th, New
York
Pierson U Bar Co., 1 Madison av, New
York
Reich V. E., 1429 Metropolitan av, Brook-
lyn, N. Y.
Scollay John A. (Est. of), 74 Myrtle av,
Brooklyn, N. Y.

5598—Green House Materials

See also Sash, Greenhouse & Hot Bed
American Blower Co. (Traps), 1400 Rus-
sell, Detroit, Mich.
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brook-
lyn, N. Y.
King Construction Co., N Tonawanda,
N. Y.
Lord & Burnham Co., 30 E 42d, New York
Lutton William H. Co., Jersey City, N. J.
Metropolitan Material Co., 1335 Flushing
av, Brooklyn, N. Y.
Pierson U Bar Co., 1 Madison av, New
York
Reich V. E., 1429 Metropolitan av, Brook-
lyn, N. Y.
Selden Cypress Door Co., Palatka, Fla.
STEARNS A. T. LUMBER CO., 100 Taylor
Neponset, Boston, Mass.
See adv index at end of book
Struck Alfred Co., Louisville, Ky.

5599— Grenades (Hand)

See also Extinguishers, Fire
Hayward S. F. & Co., 250 W 54th, New York
Stahl Geo. H., Quincy, Ill.

5600—Griddles (Cast Iron, Stamped Steel, Etc.)

Cheney S. & Son, Manlius, N. Y.
Cleveland Stamping & Tool Co. (Balled & Handled), Cleveland, O.
Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
Griswold Mfg. Co. (Cast Iron & Aluminum), Erie, Pa.
Lalanc & Grosjean Mfg. Co. (Cake), 299 B'way, New York
National Enameling & Stamping Co. (Cake), 411 5th av, New York
New York Stamping Co. ("Empire" Steel), N 11th & Berry, Brooklyn, N. Y.
Stuart & Peterson Co., Burlington, N. J.
Wagner Mfg. Co. (Iron & Aluminum), Sidney, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), (Stamped Steel), Wheeling, W. Va.

5601— Griddles (Electric)

American Electrical Heater Co., Detroit, Mich.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass

5602—Griddles & Foot Warmers (Soapstone)

Alberene Stone Co., 223 E 23d, New York
Hutchins-Kilbourne Co. ("Utility," Imitation Soapstone), Buffalo, N. Y.
Old Dominion Soapstone Co., Esmond, Va.
Phoenix Soapstone Co., 71 Murray, New York
Pike Mfg. Co., Pike, N. H.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Vermont Soapstone Co., Perkinsville, Vt.
Virginia Soapstone Co., Schuyler, Va.

5603—Grille, Fret & Lattice Work

See also Grille & Fret Work, for the Trade Only

American Parquetry Floor Co., 1124 Walnut, Phila., Pa.
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.
Architectural Decorating Co., Chicago, Ill.
Bertelsen Adjustable Grille Co., 2117 S Troy, Chicago, Ill.
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.
Boynton & Co., 1725 Dickson, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.
Central Wire & Iron Works (Wire Window Guards), Des Moines, Ia.
Cleveland Hardwood Floor Co., Cleveland, O.
Clinton Wire Cloth Co. (Wire), Clinton, Mass.
Columbus Structural Steel Co. (Window Guards), Columbus, O.
Columbus Wire & Iron Works Co. (& Window Guards, etc), Columbus, O.
Curtis Bros. & Co., Clinton, Ia.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Gordon Van Tine Co., Davenport, Ia.
Grand Union Grille Works, 3422 W Lake, Chicago, Ill.
Heaton & Wood, 1802 Chestnut, Phila., Pa.
Highton Wm. & Sons Co. (Brass, Bronze, Cast Iron & Steel), Nashua, N. H.
Hyde-Murphy Co., Ridgeway, Pa.
Inlaid Floor Co., 600 Alabama, San Francisco, Cal.
Jelliffe C. O. Mfg. Corp. (Window Guards), Southport, Conn.
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.
McKay Angus Co., 724 S Desplaines, Chicago, Ill.
Nedrow Mfg. Co., Caledonia, N. Y.
Nelson Chas. 1939 W Lake, Chicago, Ill.
New York Carved Moulding Co., Third av & 139th, New York
Pasadena Mfg. Co., Pasadena, Cal.
Security Window Guard Co. ("Security"), 30 E Randolph, Chicago, Ill.
Stewart G. S. Co. (Grills & Fret only), Norwalk, O.

Syracuse Screen & Grille Co., North Manchester, Ind.
Waddell Mfg. Co., Grand Rapids, Mich.
Western Sash & Door Co., Kansas City, Mo.
WRIGHT WIRE CO. (Window Guards, Wire), Worcester, Mass.
See adv index at end of book

5604—Grille or Fret Work (for the Trade Only)

Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis, Towle & Paine Co., Lincoln, Neb.
Curtis & Yale Co., Wausau, Wis.
Foster-Munger Co., 1404 W 37th, Chicago, Ill.
Gauger John A. & Co., 1434 W 22d, Chicago, Ill.
Gould Mfg. Co., Oshkosh, Wis.
Peirce W. E. & Co., Milford, N. H.
Roberts Sash & Door Co., 920 W 20th, Chicago, Ill.

5605—*Grilles (Brass & Bronze)

See also Bank & Offices Railings
Bayer-Rothgeb Co., Los Angeles, Cal.
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
DAHLSTROM METALLIC DOOR CO., 35 Blackstone av, Jamestown, N. Y.
See adv index at end of book
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. See adv index at end of book
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Highton Wm & Sons Co., Nashua, N. H.
Howard & Morse, 46 Fulton, New York
Jelliffe C. O. Mfg. Corp. (Wire), Southport, Conn.
Nedrow Mfg. Co., Caledonia, N. Y.
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
Standard Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O., & 200 5th av, New York
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5605a— Grilles (Cast Iron)

Bayer-Rothgeb Co., Los Angeles, Cal.
Highton Wm. & Sons Co., Nashua, N. H.
Newmann Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
Wisconsin Iron & Wire Works, Milwaukee, Wis.

5605b— *Grilles (Electro Plated)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book

5605c—*Grilles (Fret & Lattice Work)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5605d—*Grilles Gates & Railings

GORHAM CO. ARCHITECTURAL BRONZE, 5th av & 36th, New York
See adv index at end of book

5605e—*Grilles (Perforated Metal)

ERDL PERFORATING CO., 181 York, Rochester, N. Y.
See adv index at end of book

Grilles (Wood)

See Grilles, Fret & Lattice Work

5606—*Grilles (Wrought Iron)

See also Iron, Architectural & Ornamental
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
Howard & Morse, 46 Fulton, New York
NEWMAN MFG. CO., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York
See adv index at end of book
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
TYLER W. S. CO., Cleveland, O. & 200 5th av, New York
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5607—*Grinders (Arsenate of Lead)

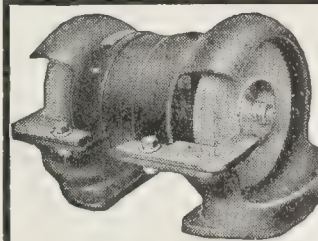
ABBE ENGINEERING CO., 220 B'way, New York See adv index at end of book

5608— Grinders (Band Saw)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Filer & Stowell Co., Milwaukee, Wis.
Lake Shore Engine Works, Marquette, Mich.
Yates P. B. Machine Co., Beloit, Wis.

5609— Grinders (Bench)

American Electric Tool Co. ("Carver" Portable Electric Direct & Alternating), West Newton, Mass.
Athol Machine Co. (& Countershafts for Tool Dressing), Athol, Mass.
Baldwin, Tuthill & Bolton (Also Combination Bench Grinders & Saw Gummers), Grand Rapids, Mich.
Bickford Machine Co. (Disc), Greenfield, Mass.
Blount J. G. Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
Central Machine Works Co. (Double Grinder), 1234 Central av, Minneapolis, Minn.
Clark Jas. Jr. Electric Co., Louisville, Ky.
Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
Diamond Machine Co. ("Diamond," "Standard"), Providence, R. I.
Fenn Mfg. Co. ("Fenn" Gear Cutter), 385 Broad, Hartford, Conn.



Bench and floor electric grinders

Reliable
Convenient
Economical

FORBES & MYERS
169 Union St
Worcester, Mass.

Goodell-Pratt Co., Greenfield, Mass.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
Luther Grinder Mfg. Co. ("Mechanic Special," "Best Made," "Multi-Gear," "Compact," "Hummer"), 285 S Water, Milwaukee, Wis.
Neil & Smith Electric Tool Co. ("Ideal" Electric), 120 E 6th, Cincinnati, O.
North Wales Machine Co. ("North Wales"), North Wales, Pa.
Norton Co., Worcester, Mass.

Partridge Edw. O. ("Partridge"), 2047 Lake, Chicago, Ill.
 Racine Electric Co. (Electric), 53 W Jackson bl, Chicago, Ill.
 Ransom Mfg. Co., Oshkosh, Wis.
 Rivett Lathe & Grinder Co. (Fast Speed Internal), 2 Brooks, Brighton, Boston, Mass.
 Rock Island Mfg. Co., Rock Island, Ill.
 St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
 Safety Emery Wheel Co., Springfield, O.
 Sellow Machine Tool Co. (Disc), Pawtucket, R. I.
 Springfield Mfg. Co., Bridgeport, Conn.
 Standard Electric Tool Co. (Electric), 128 Opera pl, Cincinnati, O.
See adv index at end of book
 Star Specialty Mfg. Co. ("Perfection" Cut Gear Grinders), 227 W Erie, Chicago, Ill.
 Sterling Grinding Wheel Co., Tiffin, O.
 Stow Mfg. Co. (Electric), Binghamton, N. Y. *See adv index at end of book*
 Superior Corundum Wheel Co., Waltham, Mass.
 Tanite Co., Stroudsburg, Pa.
 U. S. Electrical Tool Co. (Electric), Cincinnati, O.
 Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
 Vitrifried Wheel Co., Westfield, Mass.
 Webster & Perks Tool Co. (Self-Oiling), Springfield, O.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.
 Wood A. A. & Sons Co. ("Atlanta," Tool Grinders), Atlanta, Ga.

Grinders (Car Wheel)

See Car Wheel Grinding Machines

5610— Grinders (Center)

See also Pneumatic Center Grinders
 Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
 Clark Jas. Jr. Electric Co. (Electrically Driven), Louisville, Ky.
GEM MFG. CO. ("Gem" Flexible Shaft), Goebel, nr Fulton, N. S. Pittsburgh, Pa. *See adv index at end of book*
 Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
 Leader Mfg. Co. ("Leader"), Springfield, O.
 Modern Tool Co., 500 State, Erie, Pa.
 Neil & Smith Electric Tool Co. ("Ideal," Ohio Machine Tool Co., Kenton, O. Portable Electric), 120 E 6th, Cincinnati, O.
 Racine Electric Co., 53 W Jackson bl, Chicago, Ill.
 Stow Mfg. Co. (Flexible Shaft), Binghamton, N. Y. *See adv index at end of book*
 U. S. Electrical Tool Co. (Electric), Cincinnati, O.

5611— Grinders (Chisel)

Hemming Bros. Co. (Automatic), New Haven, Conn.
 Millers Falls Co., 28 Warren, New York
 Star Specialty Mfg. Co. ("Star"), 227 W Erie, Chicago, Ill.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Grinders (Chuck Work)

See Grinders, Surface. etc

5612— Grinders (Cinder)

See also Mills, Cinder
 Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
 Eastern Machinery Co. ("Hill," Improved), New Haven, Conn.
 Farrel Foundry & Machine Co., Ansonia, Conn.
 Standard Equipment Co. ("Standard"), New Haven, Conn.

5613— Grinders (Cock)

See also Grinders, Valve

Turner Machine Co. (Automatic), 3632 N Lawrence, Phila., Pa.
 Warner & Swasey Co., Cleveland, O.

Grinders (Corn & Cob)

See Mills, Corn & Cob

5614— Grinders (Crackling)

Mitts & Merrill (For Extracting Tallow), 1939 So Water, Saginaw, Mich.

5615— Grinders (Crank)

Landis Tool Co. (Cylindrical), Waynesboro, Pa.
 Norton Grinding Co. (Cylindrical), Worcester, Mass.
 Tindel, Norris Co., Eddystone, Pa.

5616—Grinders (Cup, Cone & Hub)

Bridgeport Safety Emery Wheel Co. (Cup Only), Bridgeport, Conn.
 Norton Co., Worcester, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Cutter)

See Grinders, Reamer & Cutter

5617— Grinders (Cylinder)

Boxill & Bruel Machinery Co., Cincinnati, O.
 Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.
See adv index at end of book
 Heald Machine Co., Worcester, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Tindel Morris Co., Eddystone, Pa.

5618— Grinders (Die)

Baird Machine Co. (And Tool), Bridgeport, Conn.
 Bignall & Keeler Machine Works ("B. & K."), Edwardsville, Ill.
 Modern Tool Co., 500 State, Erie, Pa.
 Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.

5619— Grinders (Disc)

Besly Chas. H. & Co. ("Besly," Single, Double & Vertical Spindle & Pattern Makers), 120 N Clinton, Chicago, Ill.
 Bickford Machine Co. (Bench), Greenfield, Mass.
 Carpenter Chas. R. Mach. Co., Racine, Wis.
 Crescent Machine Co., Leetonia, O.
 Diamond Machine Co. ("Diamond"), Providence, R. I.
 Gardner Machine Co. ("Gardner's" Improved for Metals; also "Gardner's" Improved for Pattern Making), Beloit, Wis.
 Heald Machine Co., Worcester, Mass.
 Hoysradt & Case, Kingston, N. Y.
 Ransom Mfg. Co., Oshkosh, Wis.
 Rowbottom Machine Co. ("Rowbottom" Double Head & Double End), Waterville, Conn.
 Sellow Machine Tool Co. ("Sellow"), Pawtucket, R. I.
 Taylor & Fenn Co., Hartford, Conn.
 Valley City Machine Works, Grand Rapids, Mich.
 Walls T. P. Tool & Supply Co. (With Emery Band), 75 Walk, New York
 Western Implement Co. (Small, for Farmers), Port Washington, Wis.

5620— Grinders (Drill)

Cincinnati Electrical Tool Co., Cincinnati, Ohio
 Landis Tool Co., Waynesboro, Pa.
 La Salle Machine & Tool Co. ("American," Twist Drill), La Salle, Ill.
 Modern Tool Co., 500 State, Erie, Pa.
 National-Standard Co. ("Magic"), Box 211, Niles, Mich.
 Niles-Bement-Pond Co., 111 B'way, New York
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
 Washburn Shops ("Worcester"), Worcester, Mass.
 Wilmarth & Morman Co. ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

5621— Grinders (Edging)

See also Mills, Bark

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Bartlett A. F. & Co., Saginaw, Mich.
 Filer & Stowell Co., Milwaukee, Wis.
 Mitts & Merrill, 1939 S Water, Saginaw, Mich.
 Union Iron Works, Bangor, Me.

5622— *Grinders (Electric)

Forbes & Myers ("Forbes & Myers," Bench & Floor), 169 Union, Worcester, Mass.
See adv index at end of book

Grinders (Electric, Portable)

See Grinders, Portable with Word "Electric" Following the Name

5623—Grinders (Emery, Tool)

American Grinder Mfg. Co., 149 Michigan, Milwaukee, Wis.
 Atlantic Engine Co., Meadville, Pa.
 Barcola Mfg. Co. ("Union" Foot Power), Buffalo, N. Y.
 Barnes W. F. & John Co. ("Barnes" Water), Rockford, Ill.
 Bath Grinder Co. ("Universal"), Fitchburg, Mass.
 Blake & Johnson Co. ("Waterbury"), 1500 Thomaston av, Waterbury, Conn.
 Blount J. G. Co., Everett, Mass.
 Born J. C. & Bro. ("Crescent"), Belleville, Ill.
 Bridgeport Safety Emery Wheel Co. (Emery Wheel), Bridgeport, Conn.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
 Bullock C. K., 1357 Ridge av, Phila., Pa.
 Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
 Cheney S. & Son, Manlius, N. Y.
 Chicago Wheel & Mfg. Co. ("Eureka"), 1101 W Monroe, Chicago, Ill.
 Cincinnati Electrical Tool Co., Cincinnati, O.
 Cleveland Pneumatic Tool Co. (Portable & Bench), 6410 Hawthorne av, Cleveland, O.
 Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
 Crestline Mfg. Co. ("Ever-Ready" Connected to Gasoline Engine for Farm & General Use), Crestline, O.
 Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
 Deane H. C. Machine Co., Fitchburg, Mass.
 Defiance Machine Works, Defiance, O.
 Diamond Machine Co. ("Diamond," "Standard" Bench Tools, etc), Providence, R. I.
 Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
 Duisdicker Foundry & Mfg. Co. ("Cyclone"), Pekin, Ill.
 Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
 Forbes & Myers ("Forbes & Myers"), 169 Union, Worcester, Mass.
See adv index at end of book
 Frank Machinery Co., Buffalo, N. Y.
 Frederick Machine Works, Norwalk, O.
 Garvin Machine Co., 147 Varick, New York
GEM MFG. CO. ("Gem," Portable, Flexible Shaft), Goebel, nr Fulton, N. S. Pittsburgh, Pa.
See adv index at end of book
 Gillie Machine Co. ("Tonawanda" Double), Tonawanda, N. Y.
 Gisholt Machine Co. ("Universal" for Lathe & Planer Tools), Madison, Wis.
 Globe Foundry & Machine Co. ("Globe," Small, for Farmers, Butchers, etc), Sheboygan, Wis.
 Goodell-Pratt Co., Greenfield, Mass.
 Goodnow L. H. Foundry Co., Fitchburg, Mass.
 Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
 Herrick & Cowell, New Haven, Conn.
 Hoil Mfg. Co., 45 N Division, Buffalo, N. Y.
 Holmes E & B. Machinery Co., Buffalo, N. Y.
 Huntington Machine & Foundry Co. ("Heinss," "I. X. L."), Huntington, Ind.
 Huntsville Foundry & Machine Co. (Nolan Jones, Props), Huntsville, Ala.
 Kerrhard Co. (With Saws Attached), Red Oak, Ia.
 King Mfg. Co., Piqua, O.
 Landis Tool Co. (Cylindrical), Waynesboro, Pa.
 Le Blond R. K. Machine Tool Co., Cincinnati, O.
 Luther Grinder Mfg. Co. ("Mechanics Special," "Best Maide," "Dimo-Grit" Hand & Foot Power), 285 S Water, Milwaukee, Wis.
 Michigan Engine Valve Co. ("Perfection"), 115 Columbia, W Detroit, Mich.
 Morse Twist Drill & Machine Co., New Bedford, Mass.

Mummert-Dixon Co. ("Universal"), Hanover, Pa.
 Newton Edwin A. ("Brand New"), 310 N 4th, Phila., Pa.
 Niles-Bement-Pond Co., 111 B'way, New York
 Noble & Westerbrook Mfg. Co. ("Northampton"), Hartford, Conn.
See adv index at end of book
 Norton Grinding Co., Worcester, Mass.
 Partridge Edw. O. ("Partridge"), 2047 Lake, Chicago, Ill.
 Pittsburgh Emery Wheel Co., Rochester, Pa.
 Pratt & Whitney Co., Hartford, Conn.
 Ransom Mfg. Co., Oshkosh, Wis.
 Richards-Wilcox Mfg. Co. ("Cyclone," Ball-Bearing Steel Frame), Aurora, Ill.
 Rockford Drilling Machine Co. (Tool), Rockford, Ill.
 Rock Island Mfg. Co., Rock Island, Ill.
 Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
 Royersford Foundry & Machine Co., Royersford, Pa.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.
 Safety Emery Wheel Co., Springfield, O.
 San Francisco Engineering Co., 322 6th, San Francisco, Cal.
 Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.
 Schuchardt & Schutte, 90 West, New York
 Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y. *See adv index at end of book*
 Spicer Mfg. Co., New Philadelphia, O.
 Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
 Springfield Mfg. Co., Bridgeport, Conn.
 Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.
STARK TOOL CO. (For Small Tools), Waltham, Mass.
See adv index at end of book
 Steiner Mfg. Works, Erie, Pa.
 Sterling Grinding Wheel Co., Tiffin, O.
 Stover Mfg. Co. (Small), Freeport, Ill.
 Stow Mfg. Co. (Stationary & Portable), Binghamton, N. Y.
See adv index at end of book
 Superior Corundum Wheel Co., Waltham, Mass.
 Swineford G. A. Co., Canton, O.
 Tabor Mfg. Co. ("Taylor"), 1740 Hamilton, Phila., Pa.
 Tanite Co., Stroudsburg, Pa.
 Taylor & Fenn Co., Hartford, Conn.
 Tucker Machine Co., 222 E 9th, Cincinnati, O.
 United States Electrical Tool Co., Cincinnati, O.
 Valley City Machine Works ("V.-C."), Grand Rapids, Mich.
 Vitrified Wheel Co., Westfield, Mass.
 Webster & Perks Tool Co. (Electric & Belt), Springfield, O.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.
 Western Implement Co., Port Washington, Wis.
 Wilmarth & Morman Co., 1151 Monroe av N W, Grand Rapids, Mich.
 Worcester Pattern & Model Co., ("Anderson"), Worcester, Mass.

Grinders (Face)

See Grinders, Surface, etc.

Grinders (Feed)

See Mills, Feed Grinding

5624— Grinders (Floor)

Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
 Diamond Machine Co. ("Diamond," "Standard"), Providence, R. I.
 Forbes & Myers ("Forbes & Myers," Electric, Alternating), 169 Union, Worcester, Mass. *See adv index at end of book*
 Norton Co., Worcester, Mass.
 Ransom Mfg. Co. (Belt Driven with Steel Guards Having Exhaust Pipe Connections), Oshkosh, Wis.
 Safety Emery Wheel Co. ("Champion"), Springfield, O.
 United States Electrical Tool Co., Cincinnati, O.

5625—Grinders (Foot & Hand Power)

See also Grinders, Sickle & Mower Knife
 Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
 Buffalo Specialty Co. ("Sucess") Foot Only), 375 Ellicott, Buffalo, N. Y.
 Carborundum Co. ("Niagara" carborundum), Niagara Falls, N. Y.
 Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.
 Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.
 Hopper J. E. & Sons, 75 Main, Belleville, N. J.
 Luther Grinder Mfg. Co. ("Mechanics Special," "Best Maide," "Multi-Gear," "Compacto," "Hummer," "Farm Special"), 285 So. Water, Milwaukee, Wis.
 North Wales Machine Co. ("North Wales") North Wales, Pa.
 Pike Mfg. Co., Pike, N. H.
ROCK ISLAND MFG. CO., Rock Island, Ill.
 Wood A. A. & Sons Co. ("National" Hand Power Only), Atlanta, Ga.

5625a—Grinders (For Woodworking Tools)

Worcester Pattern & Model Co. ("Anderson"), Worcester, Mass.

5626—Grinders (Huller Knife)

Carver Cotton Gin Co. (For Cotton Seed Hullers), East Bridgewater, Mass.

5627— Grinders (Internal)

Bath Grinder Co., Fitchburg, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Bryant Chucking Grinder Co., Springfield, Vt.
 Cincinnati Electrical Tool Co., Cincinnati, O.
HEALD MACHINE CO., Worcester, Mass.
 Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
 Landis Tool Co. (Cylindrical), Waynesboro, Pa.
 Lansing Stamping & Tool Co. ("Capitol"), Lansing, Mich.
 Modern Tool Co., 500 State, Erie, Pa.
 Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
 Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
 Stow Mfg. Co., Binghamton, N. Y.
See adv index at end of book
 Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

5628—Grinders (Knife & Scissors)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
 Blackhall Mfg. Co. (Knife Only), 196 Seneca, Buffalo, N. Y.
 Covell Mfg. Co., Benton Harbor, Mich.
 Hemming Bros. Co. (Automatic Knife), New Haven, Conn.
 Hoppen J. E. & Sons, 75 Main, Belleville, N. J.
 North Wales Machine Co. ("North Wales") North Wales, Pa.
 Rogers Samuel C. & Co. ("Buffalo" Automatic), 10 Lock, Buffalo, N. Y.
 Root-Heath Mfg. Co. ("Favorite" Clipper Knife), Plymouth, O.
 Safety Emery Wheel Co. (Knife Only), Springfield, O.
 Shawmut Machinery Co. ("Perfect" Scissors), 82 Lincoln, Boston, Mass.
 Spengler-Loomis Mfg. Co. ("Kwicksharp"), 58 E Washington, Chicago, Ill.
 Springfield Mfg. Co. (Knife), Bridgeport, Conn.

5629—Grinders (Lathe Center)

Coates Clipper Mfg. Co., Worcester, Mass.
 Diamond Machine Co. ("Diamond"), Providence, R. I.
 Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
 Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.
 United States Electrical Tool Co., Cincinnati, O.

Grinders (Lawn Mower)

See Sharpeners, Lawn Mower

5630— Grinders (Mill Pick)

Bullock Chas. K., 1361 Ridge av, Phila., Pa.

Grinders (Mower Knife)

See Grinders, Sickle & Mower Knife

5631— *Grinders (Oil Cake)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

5632— Grinders (Oilstone)

Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
 Mummert-Dixon Co., Hanover, Pa.
 Oliver Machinery Co., Grand Rapids, Mich.

5633— Grinders (Pan)

Tropenas Converter Co., 50 Church, New York

5634— Grinders (Paper Mill)

Mitts & Merrill, 1939 S Water, Saginaw, Mich.
 Noble & Wood Machine Co. ("Bull-Dog," for Roofing & Leather Stock), Hoosick Falls, N. Y.

Grinders (Plain Tool)

See Grinders, Emery, Tool

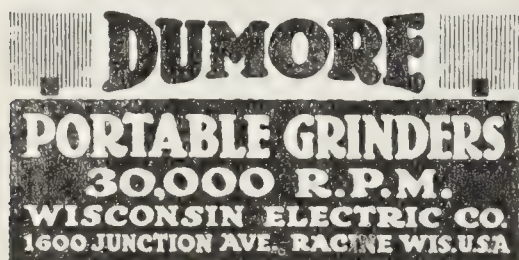
5635—Grinders (Planer Knife)

American Woodworking Machinery Co., Rochester, N. Y.
 Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
 Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
 Capital Machine Co. (Automatic), Indianapolis, Ind.
 Carver Cotton Gin Co. (Wet & Dry), E Bridgewater, Mass.
 Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
 Defiance Machine Works (Automatic), Defiance, O.
 Fay J. A. & Eagan Co., Cincinnati, O.
 Hall & Brown, Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
 Hemming Bros. Co. (Automatic), New Haven, Conn.
 Hickok W. O. Mfg. Co., Harrisburg, Pa.
 Holmes E. & B. Machinery Co., Buffalo, N. Y.
 Mummert-Dixon Co. ("Universal"), Hanover, Pa.
 Oliver Machinery Co., Grand Rapids, Mich.
 Rogers Samuel C. & Co. ("Buffalo" Automatic, etc), 10 Lock, Buffalo, N. Y.
 Safety Emery Wheel Co., Springfield, O.
 Smith H. B. Machine Co., Smithville, N. J.
 Stockbridge Machine Co. ("Quick-Sharp") Worcester, Mass.
 Superior Corundum Wheel Co., Waltham, Mass.
 Tanite Co., Stroudsburg, Pa.
 Trevor Mfg. Co., Lockport, N. Y.
 Woods S. A. Machine Co., Boston, Mass.
 Yates P. B. Machine Co., Beloit, Wis.

5636— Grinders (Portable)

Anderson Electric Machine Tool Co. (Electric), 1324 Cass av, St. Louis, Mo.
 Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.
 Black & Decker Mfg. Co. ("B. & D." Electric), 111 So Calvert, Baltimore, Md.
CHICAGO PNEUMATIC TOOL CO. ("Duntley" Operated Either by Compressed Air or Electricity), Fisher bldg, Chicago, Ill.
See adv index at end of book
 Cincinnati Electrical Tool Co. (Electric), Cincinnati, O.
 Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
 Forbes & Myers ("Forbes & Myers" Electric Bench), 169 Union, Worcester, Mass. *See adv index at end of book*
 Hamilton-Beach Mfg. Co. (Electric), Racine, Wis.
 Helwig Mfg. Co. ("Helwig" Operated by Air), St. Paul, Minn.
 Hisey-Wolf Machine Co. ("Hisey" Electrical Driven), Cincinnati, O.

Independent Pneumatic Tool Co. (Electric), 1307 Michigan av, Chicago, Ill.
Ingersoll-Rand Co. ("Little David" Pneumatic), 11 B'way, New York
See adv index at end of book
 Mummert-Dixon Co. (Electric Radial Swing), Hanover, Pa.
 National-Standard Co., Box 211, Niles, Mich.
 Neil & Smith Electric Tool Co. ("Ideal" Electric), 120 E 6th, Cincinnati, O.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Racine Electric Co., Racine, Wis.
 Simmons Machine Co. Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
 Standard Electric Tool Co. (Electric), 128 Opera pl, Cincinnati, O.
See adv index at end of book
 Stow Mfg. Co. (Electric, Flexible Shaft), Binghamton, N. Y.
See adv index at end of book
 Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.
 United States Electrical Tool Co. (Electric Hand & Heavy Duty Grinders), Cincinnati, O.
 Van Dorn Electric Tool Co. (Electric), 2978 Woodhill, Cleveland, O.
 Wisconsin Electric Co. ("Dumore" Electric), Racine, Wis.
See adv index at end of book



5636a—Grinders (Radial, Ball Raceway)

Van Norman Machine Tool Co. ("Van Norman" Automatic Oscillating), Springfield, Mass.

5637—Grinders (Rail Bond)

Coates Clipper Mfg. Co. (Electric), Worcester, Mass.

5638—Grinders (Reamer & Cutter)

See also Grinders, Emery-Tool

Adams Co. ("The Farwell Cutter"), Dubuque, Iowa
 Bath Grinder Co., Fitchburg, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Cincinnati Gear Cutting Machine Co. (Gear Cutter), Elam & Garrard av C. W., Cincinnati, O.
 Cincinnati Milling Machine Co. (Cutter), Cincinnati, O.
 Clark Jas. Jr. Electric Co. (Cutter), Louisville, Ky.

Clough R. M., Tolland, Conn.
 Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Falls Machine Co. (Cutter), Sheboygan Falls, Wis.
 Fenn Mfg. Co. ("Fenn" Gear Cutter), 385 Broad, Hartford, Conn.
 Garvin Machine Co. (Universal Cutter), 147 Varick, New York
 Greenfield Machine Co. ("Greenfield"), Greenfield, Mass.
 Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
 Ingersoll Milling Machine Co. (For Cutters Only), Rockford, Ill.
 Landis Tool Co., Waynesboro, Pa.
 Le Blond R. K. Machine Tool Co. (Cutter), Cincinnati, O.
 Matson Machine Co., Concord, N. H.
 Modern Tool Co., 500 State, Erie, Pa.
 Norton Grinding Co., Worcester, Mass.
 Oakley Machine Tool Co., Oakley, Cincinnati, O.
 Pratt & Whitney Co., Hartford, Conn.
 Putnam Machine Co., Fitchburg, Mass.
 Rivett Lathe & Grinder Co. (Cutter), 2 Brooks, Brighton, Boston, Mass.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Schuchardt & Schutte, 90 West, New York

SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y.
See adv index at end of book

STARK TOOL CO. ("Stark" Pinion Cutter Grinder), Waltham, Mass.
See adv index at end of book

Superior Corundum Wheel Co., Waltham, Mass.

United States Electrical Tool Co., Cincinnati, O.

Walker Grinder Co., Worcester, Mass.

Walker O. S. Co., Worcester, Mass.

Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

Wilmarth & Morman Co. ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

Woods Engineering Co. ("Universal" Tool & Cutter Grinder), Alliance, O.

5639—Grinders (Ring)

Robbins Machine Co. ("Bay State" Piston Ring), Worcester, Mass.

Walker O. S. Co. ("Single Stroke" Piston Ring), Worcester, Mass.

5640—Grinders (Ring Wheel)

Besly Chas. H. & Co. ("Besly," Single & Double Spindle), 120-H N Clinton, Chicago, Ill.

5641—Grinders (Roll)

Farrel Foundry & Machine Co., Ansonia, Conn.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hampden Corundum Wheel Co., Brightwood, Mass.

Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.

Landis Tool Co. ("Landis"), Waynesboro, Pa.

Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

Modern Tool Co., 500 State, Erie, Pa.

Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Norton Grinding Co., Worcester, Mass.

Poole J. Morton Co., Ft. Thorn, Wilmington, Del.

Springfield Mfg. Co., Bridgeport, Conn.

Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book

United States Electrical Tool Co., Cincinnati, O.

5642—Grinders (Rotary Shear)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.

Springfield Mfg. Co., Bridgeport, Conn.

5643—Grinders (Sample Ore)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Braun Corp. (Hand), Los Angeles, Cal.

Braun-Knecht-Heinmann Co. ("Braun"), 576 Mission, San Francisco, Cal.

Calkins Co. ("Advance" Disc, Hand or Power), Los Angeles, Cal.

Davis F. M. Iron Works Co., Denver, Colo.

Denver Engineering Works Co., Denver, Colo.

Engelbach Machine Mfg. Co., Leadville, Colo.

KENNEDY-VAN SAUN MFG. & ENG. CORP., 120 B'way, New York
See adv index at end of book

Mine & Smelter Supply Co., 42 B'way, New York

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

Worthington Pump & Machy. Corp., 115 B'way, New York

5644—Grinders (Sand)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Wetherill R. & Co., Chester, Pa.

5645—Grinders (Saw)

Continental Wood Screw Co. (Automatic), New Bedford, Mass.

Covel Mfg. Co., Benton Harbor, Mich.

Hinds Thos. Co., Malone, N. Y.

Howell R. R. & Co., 31st av, Minneapolis, Minn.

Hunter Saw & Machine Co. (Inserted Tooth), 57th & Butler, Pittsburgh, Pa.

Oliver Machinery Co., Grand Rapids, Mich.

5646—Grinders (Shear Knife)

Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.

Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.

Trethewey Sam'l & Co. (Ltd.), 57th, Pittsburgh, Pa.

Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.

Simmons Universal Tool and Cutter Grinder

YOUR TOOL ROOM IS INCOMPLETE WITHOUT IT

Cutters, reamers, twist drills, counterbores, end mills and other tools can be readily "touched up" when they begin to dull—which is a whole lot cheaper than grinding them when they are worn.

This machine can be used for cylindrical grinding and, with additional equipment, for internal grinding—one of the handiest machines you can put in the shop. Send for circular.

SIMMONS MACHINE COMPANY, INC.

987 Broadway, ALBANY, N. Y.

900 Singer Bldg., NEW YORK CITY

5647—Grinders (Sickle & Mower Knife)

See also Grinders, Foot & Hand Power
 Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.
 Chapman H. L. ("Chapman"), Marcellus, Mich.
 Cheney S. & Son ("Fowler"), Manlius, N. Y.
 Chicago Wheel & Mfg. Co. ("Gem" & "Jewel"), 1101 W Monroe, Chicago, Ill.
 Clizbe Bros. Mfg. Co. ("Daily," "Royal," "Star," "Crown" Sickle), Plymouth, Ind.
 Cutaway Harrow Co. ("Dutton"), Higganum, Conn.
 Duplex Mill & Mfg. Co. ("Kelley Duplex"), Springfield, O.
 Goodell-Pratt Co., Greenfield, Mass.
 Herschel R. Mfg. Co. ("Herschel," "New Model"), Peoria, Ill.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Champion-Deering-McCormick-Osborne-Milwaukee-Plano), 702 Harvester bldg., Chicago, Ill.

See *adv index at end of book*
 Kalamazoo Tank & Silo Co. ("Kalamazoo"), Kalamazoo, Mich.
 Luther Grinder Mfg. Co. ("Hummer," "Best Maide," "Farm Special"), 285 S Water, Milwaukee, Wis.
 National Dairy Machine Co. ("Industrial"), Goshen, Ind.
 Richard-Wilcox Mfg. Co. ("Richards," "Wilcox," "Velox"), Aurora, Ill.
 Rock Island Mfg. Co., Rock Island, Ill.
 Root-Heath Mfg. Co., Plymouth, O.
 Schofield & Co. ("Schofield"), Freeport, Ill.
 Western Implement Co. ("Osborne," "Western," "Hill," "Farmers Joy" & Sickle Grinders), Port Washington, Wis.
 Whitaker Mfg. Co. ("Karbo," "Sterling"), 409 S Green, Chicago, Ill.
 Wood Walter A. Mower & Reaper Machine Co. ("Paragon" & "Perfect"), Hoo-sick Falls, N. Y.

5648—Grinders (Silversmiths')

Abbe Engineering Co., 220 B'way, New York See *adv index at end of book*

5649—Grinders (Skate)

Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
 Hemming Bros. (Automatic), New Haven, Conn.
 Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
 Pike Mfg. Co., Pike, N. H.

5651—Grinders (Surface, Etc.)

Bath Grinder Co., Fitchburg, Mass.
 Besly Chas. H. & Co. ("Besly," Flat Surface), 120 N Clinton, Chicago, Ill.
 Blake & Johnson Co. ("Waterbury"), 1500 Thomaston av, Waterbury, Conn.
 Blanchard Machine Co. ("Blanchard," High Power Vertical), Cambridge, Mass.
 Blount J. G. Co., Everett, Mass.
 Bridgeport Safety Emery Wheel Co. (Upright), Bridgeport, Conn.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Bryant Chucking Grinder Co. ("Bryant" Multiple Spindle Grinders), Springfield, Vt.
 Clark Jas., Jr. Electric Co., Louisville, Ky.
 Cleveland Automatic Machine Co. ("Cleveland" Tool & Surface), Cleveland, O.
 Clough R. M., Tolland, Conn.
 Diamond Machine Co. ("Diamond," Automatic, Hand, etc), Providence, R. I.
 Fraser Warren F. Co., Freeport st, Boston, Mass.
 Garrigus C. G. Machine Co. (Bristol), Bristol, Conn.
 Garvin Machine Co., 147 Varick, New York
 Heald Machine Co., Worcester, Mass.
 Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
 Landis Tool Co., Waynesboro, Pa.
 La Salle Machine & Tool Co. (Micrometer Adjustment), La Salle, Ill.
 Metz Peter J., 560 W Washington, Chicago, Ill.

Modern Tool Co. (Cylindrical), 500 State, Erie, Pa.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Moseley Lathe Co. ("Moseley" Traverse for Internal & External Grinding), Elgin, Ill.
 National Machine Co. ("Hartford"), Hartford, Conn.
 Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
 Newton Machine Tool Works (Planer Type), 23rd & Vine, Phila., Pa.
 Norton Grinding Co., Worcester, Mass.
 Peerless Surface Machine Co. (Belt), 222 Washington, Newark, N. J.
 Persons-Arter Machine Co. ("Model A," Rotary), Worcester, Mass.
 Pratt & Whitney Co. (Vertical), Hartford, Conn.
 Robbins Machine Co. ("Bay State"), Worcester, Mass.
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. See *adv index at end of book*
 Springfield Mfg. Co. (Planer & Vertical Type), Bridgeport, Conn.
 Stein Wm. P. & Co., Rochester, N. Y.
 Stow Mfg. Co., Binghamton, N. Y. See *adv index at end of book*
 Tanite Co., Stroudsburg, Pa.
 U. S. Electrical Tool Co. (Portable Electric), Cincinnati, O.
 Valley City Machine Works, Grand Rapids, Mich.
 Walker O. S. Co., Worcester, Mass.
 Wilmarth & Morman Co., ("New Yankee"), 1151 Monroe av, N W, Grand Rapids, Mich.

5652-3—Grinders (Swing Frame)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
 Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.
 Pittsburgh Emery Wheel Co., Rochester, Pa.
 Safety Emery Wheel Co., Springfield, O.
 Springfield Mfg. Co., Bridgeport, Conn.
 Sterling Grinding Wheel Co., Tiffin, O.

Grinders (Tool)

See Grinders, Plain Tool; also Grinders, Wet Tool

5654—Grinders (Tool Post)

American Electric Tool Co. ("Carver" Portable Electric), West Newton, Mass.
 Armstrong-Blum Mfg. Co. (Fitted for Attachment to Lathes & Planers), 337 N Francisco av, Chicago, Ill.
 Cincinnati Electrical Tool Co., Cincinnati, Ohio
 Grant Mfg. & Machine Co. (& Internal), Bridgeport, Conn.
 Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
 Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
 Simmons Machine Co. Inc., 987 B'way, Albany, N. Y. See *adv index at end of book*
 Standard Electric Tool Co. (Portable Electric), 128 Opera pl, Cincinnati, O. See *adv index at end of book*
 United States Electrical Tool Co., Cincinnati, O.
 Wisconsin Electric Co. ("Dumore"), Racine, Wis. See *adv index at end of book*

5655—Grinders (Track Rail)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
 Indianapolis Switch & Frog Co. ("Indianapolis"), Springfield, O.
 Kerwin Machine Co. ("Kerwin-Detroit"), Detroit, Mich.
 Railway Track-Work Co. (Reciprocating), 30th & Walnut, Philadelphia, Pa.
 Stow Mfg. Co. (Electric, with Flexible Shaft), Binghamton, N. Y. See *adv index at end of book*

Grinders (Twist Drill)

See Grinders, Drill.

5656—Grinders (Universal)

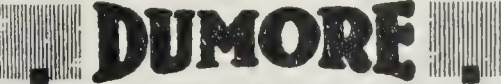
Atkins, E. C. & Co., Indianapolis, Ind.
 Bath Grinder Co. ("Bath," Plain, Surface, Disc, Internal & Cutter Grinder, All in One), Fitchburg, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Cincinnati Grinding Machine Co., Colerain & Alalanna, Cincinnati, O.
 Fitchburg Grinder Co. (Cylindrical), Fitchburg, Mass.
 Gisholt Machine Co. (For Lathe & Planer Tools), Madison, Wis.
 Greenfield Machine Co., Greenfield, Mass.
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Landis Tool Co. (Cylindrical), Waynesboro, Pa.
 Le Blond, R. K. Machine Tool Co., Cincinnati, O.
 Modern Tool Co., 500 State, Erie, Pa.
 Morse Twist Drill & Machine Co., New Bedford, Mass.
 Neil & Smith Electric Tool Co. ("Ideal" Portable Electric), 120 E 6th, Cincinnati, O.
 Norton Grinding Co., Worcester, Mass.
 Oesterlein Machine Co., Cincinnati, O.
SIMMONS MACHINE CO. INC., 987 B'way, Albany, N. Y. See *adv index at end of book*
 Tabor Mfg. Co. ("Taylor"), 18th & Hamilton, Phila., Pa.
 Thompson Grinder Co., Springfield, O.
 Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.
 Walker Grinder Co., Worcester, Mass.
 Walker O. S. Co., Worcester, Mass.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.
 Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.
 Woods Engineering Co. (Tool & Cutter Grinder), Alliance, O.

5657—Grinders (Valve)

Ashcroft Mfg. Co., 119 W 40th, New York
 Cleveland Pneumatic Tool Co. ("Cleveland" Portable), 6410 Hawthorne av, Cleveland, O.
 Favorite Mfg. Co. ("Favorite"), 115 W Vine, Columbus, O.
 Goodell-Pratt Co. (Automobile), Greenfield, Mass.
 Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.
 Kellogg Mfg. Co., Rochester, N. Y.
 Le Blond R. K. Machine Tool Co., Cincinnati, O.
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 Marvel Accessories Mfg. Co. ("Marvel"), E St. Clair, Cleveland, O.
 Motch & Merryweather Machinery Co. ("Misch"), 711 Lakeside av, Cleveland, O.
 Stewart & Co. ("Owen" Hand), 171 Broadway, New York

5658—Grinders (Vertical)

Blanchard Machine Co. ("Blanchard" Surface), Cambridge, Mass.
 Diamond Machine Co. ("Diamond," Also with Polishing Drum), Providence, R. I.
 Springfield Mfg. Co. (Planer Type), Bridgeport, Conn.



DUMORE

PORTABLE GRINDERS

30,000 R.P.M.

WISCONSIN ELECTRIC CO.

1600 JUNCTION AVE. RACINE WIS. U.S.A.

5659— Grinders (Wet Tool)

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
 Barnes W. F. & John Co., Rockford, Ill.
 Bath Grinder Co. ("Bath"), Fitchburg, Mass.
 Blount J. G. Co., Everett, Mass.
 Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
 Clark Jas. Jr., Electric Co. (Electrically Driven), Louisville, Ky.
 Diamond Machine Co. ("Diamond"), Providence, R. I.
 Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
 Hoppen J. E. & Sons, 75 Main, Belleville, N. J.
 Hoysradt & Case, Kingston, N. Y.
 Huntington Machine & Foundry Co. ("Heinss" Emery), Huntington, Ind.
 Landis Tool Co., Waynesboro, Pa.
 Lutter & Gies ("Milwaukee"), 258 Lake, Milwaukee, Wis.
 Noble & Westerbrook Mfg. Co. ("Northampton"), Hartford, Conn.
See adv index at end of book
 Ransom Mfg. Co. (Belt or Motor Driven), Oshkosh, Wis.
 Rockford Drilling Machine Co., Rockford, Ill.
 Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill.
 Safety Emery Wheel Co., Springfield, O.
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
 Springfield Mfg. Co. ("Brandes" Ball Bearing "Springfield," Double), Bridgeport, Conn.
 Superior Corundum Wheel Co., Waltham, Mass.
 Taylor & Fenn Co., Hartford, Conn.
 Tucker Machine Co., 222 E 9th, Cincinnati, O.
 Valley City Machine Works (Also Dry Grinders), Grand Rapids, Mich.
 Washburn Shops (Drill), Worcester, Mass.
 Webster & Perks Tool Co., Springfield, O.
 Wilmarth & Morman Co., 1151 Monroe av, N. W. Grand Rapids, Mich.
 Worcester Pattern & Model Co. ("Anderson"), Worcester, Mass.

5660—Grinders (Wood Pulp)

See also Paper & Pulp Mill Machinery
 Abbe Engineering Co., 220 Bway, N. Y.
See adv index at end of book
 Appleton Machine Co. ("Success", Screening Girder), Appleton, Wis.
 Bagley & Sewall Co., Watertown, N. Y.
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.
 Dayton Globe Iron Works Co., Dayton, O.
 Holyoke Machine Co., Holyoke, Mass.
 Mitts & Merrill, 1939 S Water, Saginaw, Mich.
 Pusey & Jones Co., Ft. Poplar, Wilmington, Del.
 Scott Olin (Est. of), Bennington, Vt.
 Shevlin Geo. F. Mfg. Co., Saratoga Springs, N. Y.
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

5662—Grindstone Boxes & Frames

American Tool & Machine Co., 10 High, Boston, Mass.
 Athol Machine Co. (Iron Frames), Athol, Mass.
 Defiance Mach. Works (Iron), Defiance, O.
 Cleveland Stone Co. (Grindstone Frames), Leader-News bldg, Cleveland, O.
GRABO E. O. MACHINE WORKS (Iron, also Motor Driven), 180 Centre, New York
 Hoppen J. E. & Sons ("Hoppen"), 75 Main, Belleville, N. J.
 Howard Iron Works (Iron), Buffalo, N. Y.
 Oliver Machinery Co. ("Oliver", Frames Only), Grand Rapids, Mich.
 Parry W. B. & Son, 200 Seneca, Utica, N. Y.
 Putnam Machine Co., Fitchburg, Mass.
 Smith H. B. Machine Co. (Iron), Smithville, N. J.

5663— Grindstone Fixtures

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Cleveland Stone Co., Leader-News bldg, Cleveland, O.
 Enterprise Hardware Mfg. Co., Frederick, Md.

Grey Iron Casting Co., Mt. Joy, Pa.
 Hoppen J. E. & Sons, 75 Main, Belleville, N. J.
 Richards-Wilcox Mfg. Co. ("Richards" Ball Bearing), Aurora, Ill.
 Sergeant & Co., New Haven, Conn.
 Stowell Co. The., South Wilwaukee, Wis.
 Susquehanna Casting Co., Wrightsville, Pa.
 Weller Hardware & Foundry Co., Horseheads, N. Y.
 Whitman & Barnes Mfg. Co., 1000 W 120th, Chicago, Ill.
 Wrightsville Hdw. Co., Wrightsville, Pa.

5664—Grindstone Truing Device

Athol Machine Co., Athol, Mass.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Hoppen J. E. & Sons ("Hoppen"), 75 Main, Belleville, N. J.

5665— Grindstones

Cleveland Stone Co. ("Sterling," "Harvest King"), Leader-News bldg, Cleveland, O.
 Columbia Stone Co. (Loose & Mounted), Soc. for Sav. bldg, Cleveland, O.
 Constitution Stone Co., Constitution, O.
GRABO E. O. MACHINE WORKS (Iron, Frame, also Motor Driven), 180 Centre, New York
 Hoppen J. E. & Sons, 75 Main, Belleville, N. J.
 Lombard & Co. (Nova Scotia), 236 A, Boston, Mass.
 McCroden Jno. & Co., 33 West, New York
 Marietta Stone Co. (For Saw & Edge Tools, Files, etc), Marietta, O.
 Millers Falls Co. ("Star"), Millers Falls, Mass.
 Morris E. K. & Co., 317 W 2d, Cincinnati, Ohio
 Murray Stone Co. ("Whitners" Only), Williamson bldg, Cleveland, O.
 Ohio Quarries Co., Citizens bldg, Cleveland, O. Quarries & Mills: Amherst, O.
 Pike Mfg. Co., Pike, N. H.
 Richards-Wilcox Mfg. Co. ("Victor" & "King" Tubular Ball Bearing; also "Eli" Ball Bearing, "Climax" Wood Frame, "Challenge" Ball Bearing, "Cycle," "Velox" Steel Frame, Ball Bearing), Aurora, Ill.
 Smith's Jno. E. Sons Co., Buffalo, N. Y.
 Wallace Co., Port Austin, Mich.

5666— Grindstones (Kitchen)

Cleveland Stone Co., Leader-News bldg, Cleveland, O.
 Millers Falls Co. ("Star"), Millers Falls, Mass.
 Richards-Wilcox Mfg. Co. ("Richards" Ball Bearing), Aurora, Ill.

5667— Grippers (Guy)

Channon Jas. H. Mfg. Co. ("Gibson's"), 227 W Erie, Chicago, Ill.

5667a— Grips (Bicycle)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5668— Grips (Cable)

See also Comealongs
 Hallett Iron Works ("McMahon"), Harvey, Ill.
 Havens Harold A., Syracuse, N. Y.
 Keays Cable Grip Co., 95 Liberty, New York
 Klein Mathias & Sons ("Quick Samson"), 562 W Vanburen, Chicago, Ill.
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 Norris Electric Specialties Co. ("Gem"), 38 Park row, New York
ROEBLING'S JOHN A. SONS CO. Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book
 Universal Cable Grip Co. ("Universal," for Underground or Aerial Cables), Syracuse, N. Y.
 Western Elec. Co., 463 West, New York

5669— Grips (Chain Tire)

Weed Chain Tire Grip Co., Bridgeport, Conn.

5669a— *Grips (Handle Bar)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5670— Grips (Motorcycle)

Continental Rubber Works ("Continental-Erie" Reinforced with Steel, "Vitalic"), Erie, Pa.
 Empire Fire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
 Pennsylvania Rubber Co., Jeannette, Pa.

Grips (Nail)

See Claws & Grips, Nail

5671— Grips (Pipe)

Athol Machine Co. ("Standard"), Athol, Mass.
 Lockhart R. James, 201 Millvale, Pittsburgh, Pa.
 Prentiss Vise Co. ("Peerless"), 110 Lafayette, New York

5672—Grips (Socket Strain Relief)

Stewart F. H. Elec. Co., 37 N 7th, Philadelphia, Pa.
 Swan Electric Co., 144 Oliver, Boston, Mass.
 Trumbull Elec. Mfg. Co., Plainville, Conn.

Grips (Stair)

See Fasteners, Grips & Buttons

5673—Grips (Steering Lever)

American Enamel Co., Neville, Providence, R. I.
 Goodrich B. F. Co., Akron, O.
 Goodyear Tire & Rubber Co., Akron, O.
 Parker-Stearns & Co. ("Alpha," Rubber), 286 Sheffield av, Brooklyn, N. Y.

5674— Grips (Wire)

See Clamps, Lineman's Splicing

5675— Grit (Mica Quartz)

Mica Crystal Co., Concord, N. H.
 Monarch Mining Co., Culver av, Jersey City, N. J.

5676— Grit (Roofing)

General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.

5677— Grits (Hominy)

American Hominy Co., Terra Haute, Ind.
 Durst Milling Co., Dayton, Ohio
 Lafayette Hominy Mill Co., Lafayette, Ind.
 Lea Milling Co., Wilmington, Del.
 Marco Mills, Pine Bluffs, Ark.
 Nebraska Corn Mills, Lincoln, Neb.

5678—Grommet Inserting Dies & Cutters

Neptune Hardware Mfg. Co., 54 South, New York
 Wilcox, Crittenden & Co., Middletown, Conn.

5679— Grommets (Metal)

AMERICAN BRASS CO. (Brass), Waterbury, Conn.
For branch offices see adv index at end of book
 American Ring Co., Waterbury, Conn.
 Berbecker & Rowland Mfg. Co., Waterbury, Conn.
 Bettcher Mfg. Co. (Bedstead), 6120 Clark av S W, Cleveland, O.
 Cleveland Wrought Washer Co. (For Bedstead Mfrs), 3590 W 58th, Cleveland, O.
 Grammes L. F. & Sons, Allentown, Pa.
 Jenkinson R. C. & Co., 293 Washington, Newark, N. J.
 Laughlin Thos. Co., Portland, Me.
 Neptune Hardware Mfg. Co., 54 South, New York
 Ohio Nut & Bolt Co., Berea, O.
 Rimmon Eyelet Co., Seymour, Conn.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
 Stimpson Edwin B. Co. (Brass), 68 Franklin av, Brooklyn, N. Y.
 Waterbury Brass Goods Corp., Waterbury, Conn.
 Waterbury Button Co., Waterbury, Conn.
 Wilcox, Crittenden & Co. (Brass), Middletown, Conn.

5679a—Groomers (Live Stock Vacuum)

Kent Vacuum Cleaner Co. ("Kent"), Rome, N. Y.

5680— Groovers (Belt)

Manufacturers' Belt Hook Co. ("L X"), 113 N Green, Chicago, Ill.

5681—Groovers (Sheet Metal)

Barber Mfg. Co., Ashtabula, O.
Crescent Novelty Mfg. Co. (Carriage, Side-walk, Adjustable Side & Center Plate), 703 S B'way, St. Louis, Mo.

5681a—*Ground Throw Stands

EASTON CAR & CONSTRUCTION CO., 4th St, Easton, Pa.

5682—*Ground Wire Clamps (Telephone Wires)

DIAMOND EXPANSION BOLT CO., 89 West, New York
See adv index at end of book

5683— Guaiacol

Hoffmann-La Roche Chemical Works, 440 Washington, N. Y.

5684—Guard Rail Brace & Tie Plate (Combined)

Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.

5685— Guards (Belt)

See Guards & Safety Devices Machinery

5686—Guards (Cattle, for Railways)

American Bridge Co., 30 Church, New York
Calumet Supply Mfg. Co. ("Calumet"), 14 E Jackson blvd, Chicago, Ill.
Century Materials Co. ("Century" All Steel), Monadnock blk, Chicago, Ill.
Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.
Cook Eugene ("Cook's" Steel & "Cook's Steel Wood"), Kalamazoo, Mich.
Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
Kalamazoo Railway Supply Co. ("Perfect," Steel Surface & "Oaken," Wood Surface), Kalamazoo, Mich.
National Surface Guard Co. ("National" Metal), Rookery, Chicago, Ill.
Sheffield Car Co., Three Rivers, Mich.
Universal Railway Supply Co., 122 S Michigan av, Chicago, Ill.

Guards (Concrete Curb)

See Concrete Curb, Steel Bound

5687— Guards (Door)

Brasco Mfg. Co. (Brass), 1451 S Michigan av, Chicago, Ill.
Champion Hardware Co. ("Champion"), Geneva, Ohio
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O. *See adv index at end of book*
Columbus Structural Steel Co. (Wrought & Iron), Columbus, O.
Hester Mfg. Co. (Brass), 1455 S Michigan av, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Star Brass Works Co. (Brass), Kansas City, Mo.

5688— *Guards (Dust)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.
See adv index at end of book

Guards (Electric Lamp)

See Lamp Guards

5689—Guards (Emery Wheel)

Barcy-Nicholson Co. ("Universal"), 837 W Fort, Detroit, Mich.
Challenge Machine Co., 5116 Springfield av, Phila., Pa.
Challoner Co., Oshkosh, Wis.

Lockhart-Hodge Co., Inc., White bldg, Buffalo, N. Y.
Ransom Mfg. Co., Oshkosh, Wis.
Woods-Sherwood Co. (Adjustable, etc), Worcester, Mass.

5690— Guards (Extractor)

Utica Novelty & Mill Specialty Co., Utica, N. Y.

5691— Guards (Foot)

Economy Separable Switch Point Co. ("Economy," Pressed Steel, for Frogs, Switches, etc), Louisville, Ky.
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

5692— *Guards (Gear)

Lockhart-Hodge Co., Inc., White bldg, Buffalo, N. Y.

5693— Guards (Grain Lifter)

Blocki F. Co., Sheboygan, Wis.
Eckhardt Mfg. Co. ("Buffalo"), 2300 University av W, St. Paul, Minn.
Franzmeier Louis, Timothy, Wis.
Gaterman Mfg. Co. (For Binders & Mowers), Manitowoc, Wis.
Hamachek Frank ("Ideal"), Kewaunee, Wis.
Hirsch Bros., 267 Reed, Milwaukee, Wis.
Noll Bros., Milwaukee, Wis.
Seidl-Best Mower & Harvester Guard Co., Milwaukee, Wis.

5694— Guards (Hub)

Lanz M. & Sons (For Telegraph Poles), 2907 Carson, Pittsburgh, Pa.

5695— *Guards (Jointer)

Lockhart-Hodge Co., Inc., White bldg, Buffalo, N. Y.

5696— Guards (Key Hole)

Schroder J. B. Co. ("Schroder"), Cincinnati, O.

5697— Guards (Manhole)

Bissell F. Co. ("Security"), Toledo, O.
Hallett Iron Works ("Hallett"), Harvey, Ill.
Universal Cable Grip Co., Syracuse, N. Y.

5698—Guards (Motor Cycle Chain & Sprocket)

GUEDER, PAESCHKE & FREY CO. (Stamped), Milwaukee, Wis.
See adv index at end of book

5699—Guards (Mower & Reaper)

Gaterman Mfg. Co., Manitowoc, Wis.
Henry & Allen, Auburn, N. Y.
Herschel R. Mfg. Co., Peoria, Ill.
Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book

5700— Guards (Mud)

For Bicycles, Motorcycles, etc
STANDARD PARTS CO. (Bicycle & Motorcycle Steel), W 73d, Cleveland, Ohio *See adv index at end of book*

5701—Guards (Nose, Football)

Goodrich B. F. Co. (Rubber), Akron, O.

Guards (Portable Lamp)

See Lamp Guards

5702— Guards (Safety Car)

McGuire-Cummings Mfg. Co. (Coil Spring Safety Guards Used Between Cars), Harris Trust & Savings bldg, Chicago, Ill.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

5703— Guards (Saw)

Bass Bros. (Ceiling Suspended Wire Hood Circular), 82 Walker, New York
Champion Machinery Co. ("Champion" Automatic Flexible), Joliet, Ill.
Grammes L. F. & Sons, Allentown, Pa.

Lockhart-Hodge Co., Inc., White bldg, Buffalo, N. Y.
Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.
Phillips Mfg. Co. ("Phillips No-Kick"), Orlando, Fla.
Porter C. O. Machinery Co., Grand Rapids, Mich.
Surtz Guard Co., 62 E Lake, Chicago, Ill.
Zeiller & Nagel ("Wire Hood" for Circular Saws), 233 Java, Brooklyn, N. Y.

5704— Guards (Skylight)

Grammes L. F. & Sons, Allentown, Pa.
Lockhart-Hodge Co., Inc., White bldg, Buffalo, N. Y.
Racine Tool & Machine Co. (For Wood Shapers), Racine, Wis.
See adv index at end of book
Zeiller & Nagel ("Simplex"), 233 Java, Brooklyn, N. Y.

5704a— *Guards (Skylight)

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book

Guards (Tree)

See Iron Railings & Fences; also Wire Fences & Gates

5705— Guards (Trolley)

Automatic Trolley Guard Co., 65 Carroll, Buffalo, N. Y.
National Railroad Trolley Guard Co., Olean, N. Y.
Ohio Brass Co., Mansfield, O.

5706—Guards (Wheel or Corner)

(For Protecting Walls from Wagon Wheels)

Auer John Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.
Canton Foundry & Machine Co. (Cast Iron for Buildings), Canton, O.
Casey-Hedges Co., Chattanooga, Tenn.
Central Foundry Co., 90 West, New York
Kramer Bros. Foundry Co., Dayton, O.
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

Guards (Window)

See Grilles, Various Kinds

5707—Guards (Wire Machine)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
Deschauer Wire & Iron Wks., 2009 Larabee, Chicago, Ill.
Norwich Wire Works, Norwich, N. Y.
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5708—Guards & Safety Devices (Machinery)

(Attachments for Preventing Accidents to Workmen)

Acme Guard Co. ("Jones"), 150 Nassau, New York
Bastian - Blessing Co. (Oxy - Acetylene Regulator), 125 W Austin av, Chicago, Ill.
BENJAMIN ELECTRIC MFG. CO. (Attachment for preventing accidents on Presses, Punches, etc), 128 S Sangamon, Chicago, Ill.
Bishop-Babcock-Becker Co. (Oxy-Acetylene Regulator), 125 W Austin av.
BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Colonial Supply Co., 414 1st av, Pittsburgh, Pa.

Corbin Cabinet Lock Co. (Safety Press Guards), New Britain, Conn.

Davidoff J. (Safety Guards for Typesetting Machines), 733 Lafayette av, Brooklyn, N. Y.

ELMES CHAS. F. ENGINEERING WKS. INC., Fulton & Sangamon, Chicago, Ill.
See adv index at end of book

GEUDER, PAESCHKE & FREY CO. ("Cream City" Attachment for preventing accidents on Presses, Punches, etc), Milwaukee, Wis.
See adv index at end of book

Grammes L. F. & Sons (Attachment for preventing accidents on Saw Machinery, Circular Saws, Jointers, Shapers, Punch Presses, etc), Allentown, Pa.

Huntington Iron Works (Metal Guards), Huntington, W. Va.

Lockhart-Hodge Co., Inc. ("Jones" Safety Guard for Preventing Accidents on Wood Working Machinery), White bldg, Buffalo, N. Y.

Nazareth Foundry & Machine Co., Nazareth, Pa.

Norwich Wire Works, Norwich, N. Y.
Ready Tool Co. ("Safety Belt Stick"), Bridgeport, Conn.

VAILE & YOUNG, 216 No. Calvert, Baltimore, Md.

WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book

5708a—*Guards & Safety Devices (for Perforated Metal)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*

5709—Gudgeons

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

5710—Guides (Belt)

Maytag Co., Newton, Ia.

5711—Guides (Cloth Dryer)

Schwartz L. H. A. & Co. (Automatic), 40 Central, Boston, Mass.

5712—Guides (Elevator)

STANDARD GAUGE STEEL CO. (Compressed Steel & Finished Tees), Beaver Falls, Pa. *See adv index at end of book*

5713—Guides (Lever)

Steel Car Forge Co., Pittsburgh, Pa.

5714—Guides (Saw)

American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Wood Working Machy. Co., Rochester, N. Y.

Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton (For Band Saws), Grand Rapids, Mich.

Crescent Machine Co. (Circular), Leontonia, O.

Disston Henry & Sons (Inc.) (Saw Filing), Tacony, Phila., Pa.

Filler & Stowell Co., Milwaukee, Wis.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.

Howell R. R. & Co., 31st av, Minneapolis, Minn.

Lane Mfg. Co., Montpelier, Vt.
Murray D. J. Mfg. Co., Wausau, Wis.

New Britain Machine Co. ("Pineo" Band Saw), 190 Chestnut, New Britain, Conn.

Ohlen J. & Sons Saw Mfg. Co., Columbus, O.

Overholt Co., Galesburg, Ill.
Reed Hardware & Mfg. Co. ("Hoo-Hoo"), Cairo, Ill.

Salem Iron Works, Winston-Salem, N. C.
Schuchardt & Schutte ("Band"), 90 West, New York

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Southern Engine & Boiler Works, Jackson, Tenn.

Standard Saw Mill Machinery Co., Erie, Pa.

Union Drawn Steel Co., Beaver Falls, Pa.
Union Iron Works, Bangor, Me.

Wickes Bros., Saginaw, Mich.

See adv index at end of book

Wright Chas. E. Co. (For Band Saws & Re-Saws), Kenilworth, N. J.

5715—Guides (Tank Valve)

Wolverine Brass Works (Adjustable), Grand Rapids, Mich.

5716—Guides (Wire Mill)

Pittsburgh Iron & Steel Foundries, Midland, Pa.

5717—Gum Arabic Importers

Amerman & Patterson, 21 State, New York

Anderson P. E. & Co., 99 John, New York

Arnold, Cheney & Co., 82 Beaver, New York

Arnold, Hoffman & Co., 55 Canal, Providence, R. I.

Jacob Chas. W. & Allison, 18 Cedar, New York

National Aniline & Chemical Co., 100 William, New York

Salomon L. A. & Bro., 216 Pearl, New York

Scheel Wm. H., 159 Maiden la, New York

Strahl & Pitsch, 141 Front, New York

Thurston & Braidich, 27 Cliff, New York

Wolf Jacques & Co., Passaic, N. J.

Worden Chemical Works, 4 Cedar, New York

5718—Gum (Envelope)

Glover Horatio N. & Son, Mattapan, Boston, Mass.

5719—Gum (Finishing)

Leyland Thos. & Co., Readville, Boston, Mass.

Wolf Jacques & Co., Passaic, N. J.

5720—Gum (Splicing, Pure Rubber)

Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.

Consumers Rubber Co. ("Samson"), Cleveland, Ohio

Morgan & Wright, Detroit, Mich.

Standard Woven Fabric Co., Walpole, Mass.

5721—Gum Substitutes

Glover Horatio N. & Son, Mattapan, Boston, Mass.

Jacob Jas. W. & Allison (Imp. "Jandagum"), 18 Cedar, New York

Wolf Jacques & Co., Passaic, N. J.

5722—Gum-Lac

Ball Chemical Co. (A Pure Gum & Spirit Varnish), Fulton bldg, Pittsburgh, Pa.

5723—Gummers (Saw)

Adams W. T. Machine Co., Corinth, Miss.

Ajax Mfg. Co. ("Standard," "I X L"), 848 Jackson, Pittsburgh, Pa.

Amer. Woodworking Mach. Co., Rochester, N. Y.

Atkins E. C. & Co., Indianapolis, Ind.

California Saw Works, 721 Brennan, San Francisco, Cal.

Challoner Co., Oshkosh, Wis.

Clizbe Bros. Mfg. Co. ("Crown"), Plymouth, Ind.

Covel Mfg. Co., Benton Harbor, Mich.

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

Diamond Machine Co. ("Diamond"), Providence, R. I.

Disston Henry & Sons ("Victor" Self-Feeding, etc), Tacony, Phila., Pa.

Emerson, Smith & Co., Beaver Falls, Pa.

Fisher & Davis Mfg. Co., St. Louis, Mo.

Gerlach Peter Co., ("Gerlach" for Cylinder, Resaw, Heading, Siding, Shingle, Veneer, etc), 1712 Winter, Cleveland, O.

Henderson W. K. Iron Works & Supply Co., Shreveport, La.

Hinds Thos. Co. (Band Saws), Malone, N. Y.

Hoe R. & Co., 504 Grand, New York

Howell R. R. & Co., 31st av, Minneapolis, Minn.

Mixer J. W. Saw Tool Co., ("Mixer Champion," with Automatic Self-Feed, "Peerless" Reamer), Plymouth, Mass.

Reed Hardware & Mfg. Co. (The Hoo-Hoo Saw Gummer & Sharpener), Cairo, Ill.

Riverside Machine Works (Crescent), Kokomo, Ind.

Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.

Southern Saw & Machy. Works, Atlanta, Ga.

Tanite Co. ("Densmore"), Stroudsburg, Pa.

Valley City Machine Works (Bench & Saw), Grand Rapids, Mich.

5723a—*Gun Cotton

DU PONT E. I. DE NEMOURS & CO., Wilmington, Del.

For branch offices see adv index at end of book

5723b—*Gun Cotton Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

5724-5—Gun Fire Control System

Sperry Gyroscope Co., 40 Flatbush av extension, Brooklyn, N. Y.

Gun Implements

See Tools, Gun Cleaning & Re-Loading

Gun Mfrs.

See Rifles, Guns, etc

5726—*Gunpowder (All Kinds)

See also Dynamite, Blasting Powder & Blasting Supplies

du PONT E. I. de NEMOURS & CO.

(World's Largest Mfr. of Explosives, Powder & Blasting Supplies for Every Requirement. "DuPont," "Ballistite," "Schultze" & "Empire" Du Pont "Bulk" & Du Pont "Dense" (last two for export only) Smokeless Shotgun Powders; "Du Pont Rifle," "Hazard Kentucky Rifle," "Indian Rifle"; & "Golden Pheasant" (last two for export only), Black Sporting Powders for Shotguns & Rifles; "Lesmok" Partly Smokeless Powder; "Improved Military Rifle Powders Nos. 15, 16 & 18," "Military Rifle Powders Nos. 10, 20 & 21," "Du Pont No. 1 Smokeless Rifle Powder," "Sporting Rifle Powder No. 80," "Gallery Rifle Powder No. 75" & "Schwetzen," "Du Pont Pistol Powder No. 3," "Du Pont" Fireworks Powder), Wilmington, Del.
For branch offices see adv index at end of book

5727—Gun Recoil Pads (Rubber)

Chamberlin Cartridge & Target Co., Cleveland, O.

Essex Rubber Co., Trenton, N. J.

Goodrich B. F. Co., Akron, O.

5728—Guns (Aeroplane)

General Ordnance Co., Derby, Conn.

Maxim Munitions Corp., Equitable bldg, New York

5729—Guns (Cement)

Cement Gun Co., Allentown, Pa.

Cement Gun Construction Co., 914 S Michigan av, Chicago, Ill.

See adv index at end of book

MacLeod Co., 2232 Bogen, Cincinnati, O.

New England Cement Gun Co., 12 West, Boston, Mass.

Guns (Grease)

See Oil & Grease, Guns & Syringes

5730—Guns (Insect)

Houchin Thos. W. Co. ("Houchin," "Blizzard," "Jumbo," "Tornado," "Lightning," "Defender," "Cyclone," "Floradora"), 38 E 21st, New York

5731—Guns (Line Throwing)

Coston Signal Co. ("Coston" Lyle System), 24 Water, New York

Guns (Machine)

See Ordnance, Light & Heavy

5731a— *Guns (Toy)

Estes E. B. & Sons (Wooden), 358 5th av, New York
See adv index at end of book

Guns (Yacht)

See Cannon, Yacht

5732— Gutta Percha

Aldens' Successors (Ltd.), 290 B'way, New York
Badenhop Robt. Co. (Imp), 67 Wall, New York
Bishop Gutta Percha Co., 420 E 25th, New York
Rubber & Guayule Agency (Imp), 108 Water, New York

5733— Gypsum Mfrs.

See also Plaster Manufacturers, Wall
Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.
American Gypsum Co. (Crude & Crushed for Cement), Rochester, N. Y.
Arizona Gypsum Plaster Co., Douglas, Ariz.
Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Consolidated Pacific Cement Plaster Co., Amboy, Cal.
Grand Rapids Plaster Co., Grand Rapids, Mich.
Keystone Plaster Co., Chester, Pa.
Lycoming Calcining Co., Williamsport, Pa.
Niagara Gypsum Co., Buffalo, N. Y.
Pacific Coast Gypsum Co., Tacoma, Wash.
Pacific Portland Cement Co., Pacific bldg., San Francisco, Cal.
Plymouth Gypsum Co., Fort Dodge, Ia.
Southern Gypsum Co., North Holston, Va.

5734-5— Gyrotors

Wolf Co., Chambersburg, Pa.

Hack Saws

See Saw Blades & Frames, Hack; also Hack Saw Machines

5736— Hair (Badger)

Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.

5736a— Hair Brush Guards

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5737— Hair (Cattle)

Caplan S. & Co., 80 Pine, New York
Grover John D. & Son, Somerset & Tulip, Philadelphia, Pa.
Harburger & Stack, 27 Ferry, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York

5738— Hair Cloth Mfrs.

American Hair Cloth Co., Pawtucket, R. I.
Cox Geo. S. & Bro., Cambria & Ornes, Phila., Pa.
Davidson M. I. Co., 1100 Shackamaxon, Phila., Pa.
Feldstein Chas. H. Co., 1839 Madison, Phila., Pa.
Gordon Bros., Pierce & Orthodox, Phila., Pa.
Kensington Hair Cloth Co., Palethorp & Somerset, Phila., Pa.
Mawson Jno. Haircloth Co., Venango, E of Kensington, Phila., Pa.
Michie Andrew Y., 5th & Columbia, Phila., Pa.
Minaret Mills, Cambria & Ornes, Phil., Pa.
National Hair Cloth Co., 2950 N Jasper, Phila., Pa.
Niagara Falls Hair Cloth Works, Niagara Falls, N. Y.
Reetz Ewald R., Hulmeville, Pa.
Schadewald Mills, 3d & Huntington, Phila., Pa.
Scheiter Jos. J. & Co., 3d & Huntington, Phila., Pa.
Schwehms' John M. Sons, 13 Wister, Phila., Pa.
Zeldman Co., 223 S Desplaines, Chicago, Ill.

5739— Hair (Curled)

American Glue Co., 121 Beverly, Boston, Mass.
Armour Curled Hair & Felt Works, 3131 Benson, Chicago, Ill.
Barker Jas., 6th & Cayuga, Phila., Pa.
Blehdon V. R., Brisbane bldg, Buffalo, N. Y.
Coghlan Jos. T., Drexel bldg, Phila., Pa.
Cudahy Curled Hair Wks., 111 W Monroe, Chicago, Ill.
Delany & Co., 209 N 3d, Phila., Pa.
Gem Hammock & Fly Net Co., 191 Hanover, Milwaukee, Wis.
Gordon Bros., Pierce & Orthodox, Phila., Pa.
Grover J. D. & Son, Somerset & Tulip, Philadelphia, Pa.
Horwich, Vitkin Co. (Cattle Hair), 2455 Archer, Chicago, Ill.
Mitchell P. R. Co., Harrison & Spring Grove av, Cincinnati, O.
Pacific Coast Beef & Provision Co., Los Angeles, Cal.
Reardon Glue Co., 1531 N B'way, St. Louis, Mo.
Smith Oscar & Sons Co., 310 Spruce, Phila., Pa.
Swift & Co., Union Stock Yards, Chicago, Ill.
Tunnell F. W. & Co., 15 N 5th, Phila., Pa.
Walpert Fred & Co. (Steam), 106 N Gay, Baltimore, Md.
Wilkins Wm. Co., Fredrick av & Wilkins, Baltimore, Md.
Willcomb Geo. Co., 28 E 22nd, New York
Wilson & Co., 41 st & Ashland av, Chicago, Ill.
Woll F. P. & Co., Church & Tacony, Phila., Pa.
Woll Peter & Sons Mfg. Co., Mascher & Berks, Phila., Pa.
Zeldman Co., 223 S Desplaines, Chicago, Ill.

5740—Hair Dryers (Electric)

Arnold Electric Co., Racine, Wis.
Birtman C. F., 163 N Wash av, Chicago, Ill.
Birtman Electric Co. ("Bee"), 1422 Bryan, Chicago, Ill.
Camp Co. ("Invincible"), La Crosse, Wis.
Electric Mfg. Co., 51 New Montgomery, San Francisco, Cal.
Geler P. A. Co. ("Royal"), Cleveland, O.
Halliwell & Co., 64 E 12th, New York
Horn Electric Co., 110 S Desplaines, Chicago, Ill.
Lindstrom Smith Co. ("White Cross"), 1104 S Wabash av, Chicago, Ill.
Meyer Wm. Co., 817 Washington, Chicago, Ill.
Sanax Co. ("Foen"), 125 E 23rd, New York
Shelton Electric Co., 30 E 42d, New York
Wisconsin Electric Co. ("Dumore"), Racine, Wis. See adv index at end of book

5741— Hair (Goat)

Caplan S. & Co., 80 Pine, New York
Eaton, Schleich & Woll (Imp), 97 Maiden la, New York
Goldstone Joseph, 335 B'way, New York
Hamburger H. (Imp), 177 Pearl, New York
Norden A. & Co. (Imp), 60 Beaver, New York
Polack Co. (Imp), 249 Pearl, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York

5742— Hair (Horse)

Apelt Hermann (Imp), 87 Pine, New York
Caplan S. & Co., 80 Pine, New York
Cone Fred H. (Imp), 176 Front, New York
Eaton, Schleich & Woll, 97 Maiden la, New York
Goldstone Joseph, 335 Broadway, New York
Harburger & Stack, 27 Ferry, New York
Hamburger H. (Imp), 177 Pearl, New York
Horwich, Vitkin Co., 2455 Archer, Chicago, Ill.
Klebansky Wolf, 246 S 3d, Phila., Pa.
Norden A. & Co. (Imp), 60 Beaver, New York
Nositzer Barnet (Imp), 307 Pearl, New York
Polack Co. (Imp), 249 Pearl, New York
Ritchie Geo. B. & Co. (Imp), 57 Ferry, New York
Rosenhirsch H. Co., 10 Goddard, Providence, R. I.

Schenkler Philip, 2060 Bergen, Brooklyn, N. Y.
Topper & Edelmann, 525 Stone av, Brooklyn, N. Y.
Willcomb Geo. Co. ("South American"), 60 Chardon, Boston, Mass.

5742a— *Hair Receivers

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5743— Halters

Alexandria Halter Factory (Rope, Leather & Web), Alexandria, O.
Badger Handle Co., 323 E Water, S. Milwaukee, Wis.
Buffalo Weaving & Belting Co. (Web), Buffalo, N. Y.
California Tanning Co. (Leather), 1905 Shenandoah av, St. Louis, Mo.
Cooper Otway (Rope), Urbana, O.
Covert Mfg. Co. (Rope & Web), Troy, N. Y.
Covert Saddlery Works (Rope, Web & Leather), Interlaken, N. Y.
Excelsior Bag & Mfg. Co. (Horse's Feed Bag), Troy, N. Y.
Franklin Cotton Mill Co. (Web), Plum & Charles, Cincinnati, O.
Gem Hammock & Fly Net Co. (Leather), 191 Hanover, Milwaukee, Wis.
Grand Island Tannery & Halter Co., Grand Island, Neb.
Graton & Knight Mfg. Co. (Leather), Worcester, Mass.
Green Halter Co., Urbana, O.
Holyoke Halter Mfg. Co. (Leather), Holyoke, Mass.
Langstroth T. W., 79 Warren, New York
National Leather Mfg. Co. (Leather), Niles, Mich.
Nott W. S. Co. (Leather Fabric), 2d av N & 3d, Minneapolis, Minn.
Planet Co. (Web), Westfield, Mass.
Rose P. & Sons, 9 S Howard, Baltimore, Md.
Rugg E. T. & Co. (Leather, Rope & Web), Newark, O.
Russell Mfg. Co. (Web), Middletown, Conn.
Schenkler Philip, 2060 Bergen, Brooklyn, N. Y.
Sells J. H. & F. A. Co. (Rope & Leather), Chestnut & Pearl, Columbus, O.
Western Rawhide & Belting Co. (Leather), 600 So Pierce, Milwaukee, Wis.
Workman H. B. Co. (Web), Lititz, Pa.

5744—Hames (Hard Rubber Covered)

Rubber & Celluloid Harness Trimming Co., 56 Ferry, Newark, N. J.

5745—Hames (Mine & Lumbering)

Beagle Hame Works, Freeland, Pa.
Hoch Hames Co., Hazelton, Pa.
Kugler Clarence B. Jr. & Co., Land Title bldg, Phila., Pa.
Olewine Wm. & Son, Hazelton, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
U. S. Hame Co., Buffalo, N. Y.

5746—Hames (Steel & Wood)

American Hame & Bit Co., 59 N J R R av, Newark, N. J.
Bellefontaine Hame Co., Bellefontaine, O.
Berry Chas. E. (Steel), Somerville, Mass.
Easterbrook Wm. Jr. & Bro. (Metal), 311 Cherry, Phila., Pa.
Frazer & Jones Co. ("Staple Brand" Steel Only), Syracuse, N. Y.
Hale Geo. C. (Steel), Kansas City, Mo.
Kelsay Newton (Wood), Evansville, Ind.
Nixdorff-Krein Mfg. Co. (Wood), St. Louis, Mo.
Sargeant Mfg. Co. (Steel), Newark, N. J.
Sherman Hame Co. (Wood), Sherman, Tex.
Smith F. H. Mfg. Co. (Steel), 3047 Carroll av, Chicago, Ill.
Star Hame Mfg. Co. (Wood, Iron Trimmed), Blanchester, O.
U. S. Hame Co. (All Kinds of Steel & Wood, Coach & Gig), Buffalo, N. Y.

Hammers (Air)

See Pneumatic Hammers, various kinds

Hammers (Automobile)

See Hammers, Machinists

5747—Hammers (Belt)Manufacturers' Belt Hook Co. ("L X"),
113 N Green, Chicago, Ill.**5748—*Hammers (Belt Driven)**See also Hammers, Power
Beaudry & Co., 141 Milk, Boston, Mass.
United Hammer Co. ("Fairbanks"), 141
Milk, Boston, Mass.**5749—Hammers (Bench Drop)**Meriden Press & Drop Co. ("Merriman"),
Meriden, Conn.**Hammers (Blacksmiths')**

See Hammers, Heavy

**5750—*Hammers (Blacksmiths',
Foot Power)****BUFFALO FOUNDRY & MACHINE CO.**,
65 Winchester av, Buffalo, N. Y.
See adv index at end of book**5751—Hammers (Board Drop)****BLISS E. W. CO.**, 19 Adams, B'klyn, N. Y.
See adv index at end of book**BUFFALO FOUNDRY & MACHINE CO.**,
65 Winchester av, Buffalo, N. Y.
See adv index at end of bookChambersburg Engineering Co., Chambers-
burg, Pa.United Engineering & Fdry. Co. ("Pitts-
burgh"), 307 5th av, Pittsburgh, Pa.Williams White & Co. (Friction), Mo-
line, Ill.**Hammers (Boiler Makers')**

See Hammers, Heavy

Also Pneumatic Boiler Makers' Hammers

5752—Hammers (Brass)Goodell-Pratt Co., Greenfield, Mass.
Warren Tool & Forge Co. (Hand), Warren,
O.**Hammers (Bricklayers')**

See Hammers, Masons' & Bricklayers'

Hammers (Bush)

See Hammers, Stone Cutters'

5753—Hammers (Carpet Layers')Atha Tool Co., Chapel, Newark, N. J.
Braunsdorf-Mueller Co., Elizabeth, N. J.**5754—Hammers (Chain Welding)**Turner, Vaughn & Taylor Co. (Foot &
Power), Cuyahoga Falls, Ohio**5755—Hammers (Chipping)**Atha Tool Co., Chapel, Newark, N. J.
BLISS E. W. CO., 19 Adams, Brooklyn,
N. Y. See adv index at end of bookChicago Pneumatic Tool Co. ("Bayer,"
"Keller"), Fisher bldg, Chicago, Ill.
See adv index at end of bookCoates Clipper Mfg. Co. (Electric), Wor-
cester, Mass.Eagle Tool Works, Bayonne, N. J.
Germantown Tool Works (Machinists,
etc), 521 Market, Phila., Pa.Maydole David Hammer Co. (Crucible
Steel), Norwich, N. Y.Phillips F. & Son, 1336 Greenmount av,
Baltimore, Md.**Hammers (Claw)**

See Hammers, Nail

5756—Hammers (Concrete Bush)

See Hammers, Bush

5757—Hammers (Concrete Tooling)Phillips F. & Son, 1336 Greenmount av,
Baltimore, Md.Ransome Concrete Machinery Co., Dun-
ellen, N. J.**5758—Hammers (Confectioners')**Erie Specialty Co. (And Hatchet Com-
bined), Erie, Pa.**5759—Hammers (Coopers')**Atha Tool Co., Chapel, Newark, N. J.
Drew C. & Co., Kingston, Mass.Germantown Tool Works (Solid Forged),
521 Market, Phila., Pa.Maydole David Hammer Co., Norwich,
N. Y.Warren Tool & Forge Co. (Handled), War-
ren, O.White L. & I. J. Co., 120 Columbia, Buf-
falo, N. Y.**5760—Hammers (Copper)**Eureka Co., North East, Pa.
Graham Jas. & Co., New Haven, Conn.Hungerford U. T. Brass & Cooper Co.,
80 Lafayette, New YorkHussey C. G. & Co., 2850 2nd av, Pitts-
burgh, Pa.McNab & Harlin Mfg. Co., 55 John, New
YorkMerchant & Evans Co., 2035 Washington
av, Phila., Pa.

See adv index at end of book

More-Jones Brass & Metal Co., B'way &
Dock, St. Louis, Mo.**5761—Hammers (Coppering)**Wilcox, Crittenden & Co., Middletown,
Conn.**5762—Hammers (Drilling)**

See Hammers, Heavy

5763—Hammers (Drop)

See also Presses, Drop

Alliance Machine Co., Alliance, O.
Atlas Mfg. Co., Fostoria, O.Bethlehem Steel Co. (Steam), South
Bethlehem, Pa.Billings & Spencer Co. ("B. & S."), Hart-
ford, Conn.**BLISS E. W. Co.**, 19 Adams, Brooklyn,
N. Y. See adv index at end of book**BUFFALO FOUNDRY & MACHINE CO.**,
("Bell"), 65 Winchester av, Buffalo,
N. Y. See adv index at end of book

Cady Machine Co., Cleveland, O.

Canton Foundry & Machine Co. ("Uni-
versal," for Sheet Metal Dies), Canton,
O.Chambersburg Engineering Co. (Steam),
Chambersburg, Pa.Coulter & McKenzie Machine Co., Bridge-
port, Conn.**ERIE FOUNDRY CO.** ("Erie," Steam),
Erie, Pa.Garrison A. Foundry Co., 901 Bingham,
Pittsburgh, Pa.Henderson Machine Co., 5032 German-
town av, Phila., Pa.

Kane & Roach, Syracuse, N. Y.

Massillon Foundry & Machine Co. ("Mas-
sillon" Steam), Massillon, O.Meriden Press & Drop Co. ("Merriman"
Drop, Heavy Forged), Meriden, Conn.**MERRILL BROS.**, 3 Arnold, Maspeth
(Borough of Queens), New York.

See adv index at end of book

Miner & Peck Mfg. Co., New Haven, Conn.

MORGAN ENGINEERING CO., Alliance,
Ohio. See adv index at end of book**NIAGARA MACHINE & TOOL WORKS**,
Buffalo, N. Y.

See adv index at end of book

Niles-Bement-Pond Co., 111 B'way, New
YorkPerkins Machine Co. (Hand Power &
Compressed Air), Warren, Mass.Ryerson Jos. T. & Son, 2558 W 16th, Chi-
cago, Ill.San Francisco Engineering Co., 322 6th,
San Francisco, Cal.

Standard Machinery Co., Providence, R. I.

Toledo Machine & Tool Co., Toledo, O.

Waterbury Farrel Foundry & Machine Co.,
Waterbury, Conn.Williams, White & Co. (Crank Lift &
Twin Drop), Moline, Ill.**5764—Hammers (Drop Forged)**Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy
av, Cleveland, O.**5765—Hammers (Electric)**Chicago Pneumatic Tool Co. ("Duntley"),
Fisher bldg, Chicago, Ill.

See adv index at end of book

Electro & Magnetic Tool Co. (For Drilling,
Chipping & Surfacing of Concrete,
Brick, Stone), 2902 Carroll, Chicago,
Ill.Manitowoc Electric Implement Co., Mani-
towoc, Wis.**5766—Hammers (Engineers' or
Plow)**Champion Tool Co. ("Champion"), Mead-
ville, Pa.Cheney Henry Hammer Co., Little Falls,
N. Y.Maydole David Hammer Co., Norwich,
N. Y.Peck, Stow & Wilcox Co., Southington,
Conn.Vlcchek Tool Co. ("Vlcchek," Set), 10711
Quincy av, Cleveland, O.

Warner Hammer Co., Cromwell, Conn.

Warren Tool & Forge Co. (Hand), Warren,
O.**5767—Hammers (Farriers' & Horse-
shoers')**Atha Tool Co. (Plain & Adze Eye), Cha-
pel, Newark, N. J.Champion Tool Co. ("Clean Claw," "Cri-
tics," "Standard," "Scotch," "Driv-
ing," "Maud S" Rounding Electric &
"Mallery" Sharpening for Anvils),
Meadville, Pa.Cheney Henry Hammer Co., Little Falls,
N. Y.

Evansville Tool Works, Evansville, Ind.

Germantown Tool Works (Solid Forged),
521 Market, Phila., Pa.Heller Bros. Co., 879 Mt. Prospect av,
Newark, N. J.Maydole David Hammer Co., Norwich,
N. Y.Peck, Stow & Wilcox Co., Southington,
Conn.Van Doren Mfg. Co. ("Vandor" Drop
Forged), Chicago Heights, Ill.**5768—Hammers (Foot Power)**Turner, Vaughn & Taylor Co. (Chain
Welding), Cuyahoga Falls, O.Vulcan Iron Works Co. ("Vulcan"), Ma-
son City, Ia.**Hammers (Granite Cutters')**

See Hammers, Stone Cutters'

**5769—Hammers (Heavy, Black-
smiths', Mauls, Etc.)**Atha Tool Co. (Flatters, Set, Hand, etc),
Chapel, Newark, N. J.

Beall Bros. (Flatters, Set, etc), Alton, Ill.

Buffum Tool Co. ("Swastika"), South
Side, Louisiana, Mo.

Collins Co., Collinsville, Conn.

Evansville Tool Works, Evansville, Ind.

Fisher & Norris (Hand Made), Trenton,
N. J.

Fulton Tool Works, Canal Fulton, O.

Germantown Tool Works, 521 Market,
Phila., Pa.Harvey H. H. Mfg. Co., 15 Sherman, Bos-
ton, Mass.Hubbard & Co., 63rd & Butler, Pittsburgh,
Pa.

Ingersoll-Rand Co., 11 B'way, New York

See adv index at end of book

Iron City Tool Works, Ltd., 3201 Small-
man, Pittsburgh, Pa.

Isele A. W. & Son, 51 Pitt, Boston, Mass.

Klein-Logan Co., 13th & Breed, Pitts-
burgh, Pa.Plumb Fayette R. (Inc.), Tucker & James,
Phila., Pa.Racky Albert C., 531 S 5th av, Chicago,
Ill.Van Doren Mfg. Co. ("Vandor" Drop
Forged), Chicago Heights, Ill.Vaughan & Bushnell Mfg. Co. ("V. &
B."), 2114 Carroll av, Chicago, Ill.Verona Tool Works, Oliver bldg, Pitts-
burgh, Pa., & Verona, Pa.

Warner Hammer Co., Cromwell, Conn.

Warren Tool & Forge Co. (Hand, Striking
& Napping), Warren, O.Warwood Tool Co., Warwood, Wheeling,
W. Va. See adv index at end of book

What Cheer Tool Co., What Cheer, Ia.

5770—Hammers (Helve)

Armstrong Mfg. Co. ("Helva"), Waterloo, Ia.
 Bradley C. C. & Son (Cushioned), Syracuse, N. Y.
ELMES CHAS. F. ENGINEERING WKS., INC. (Steam), cor Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
 Long & Allstatter Co. (Adjustable Cushioned, Belt, Motor or Steam Driven), Hamilton, O.
 Niles-Bement-Pond Co. (Rubber Cushioned), 111 B'way, New York
 West Tire Setter Co. ("Rochester"), Rochester, N. Y.

5771—Hammers (Interchangeable)

Greene, Tweed & Co. ("The Colvin," with Rawhide, Wood or Copper Head), 109 Duane, New York

5772—Hammers (Justice)

Williams, White & Co., Moline, Ill.

5773—*Hammers (Lead & Alloy)

U. S. INDESTRUCTIBLE GASKET CO., Church & Fulton, New York
See adv index at end of book

5774—*Hammers (Locomotive Frame Welding)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

5775—Hammers (Macadamizing)

Atha Tool Co., Chapel, Newark, N. J.
 Beall Bros., Alton, Ill.
 Evansville Tool Works, Evansville, Ind.
 Warren Tool & Forge Co., Warren, O.

5776—Hammers (Machinists')

Atha Tool Co., Chapel, Newark, N. J.
 Beall Bros., Alton, Ill.
 Billings & Spencer Co. ("B & S" Drop Forged), Hartford, Conn.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Cheney Henry Hammer Co., Little Falls, N. Y.
 Evansville Tool Works, Evansville, Ind.
 Germantown Tool Works (Ball Pein, etc), 521 Market, Phila., Pa.
 Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
 Sawyer Tool Mfg. Co., Ashburnham, Mass.
 Smith H. D. & Co. ("Perfect Handle" Drop Forged), Plantsville, Conn.
 Stanley Rule & Level Co., New Britain, Conn.
 Strong, Carlisle & Hammond Co., 336-344 Frankfort av N W, Cleveland, O.
 Thomson Drop Forge Co. (Ball Pein, Octagon), Plantsville, Conn.
 Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
 Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.
 Vlchek Tool Co. ("Vlchek" Ball Pein, Drop Forged), 10711 Quincy av, Cleveland, Ohio
 Warner-Hammer Co., Cromwell, Conn.
 Westfield Plate Co. (Lead), Thompsonville, Conn.

5777—Hammers (Magnetic Tack, Etc.)

Arcade Mfg. Co., Freeport, Ill.
 Robertson Arthur R. ("Horseshoe Magnet" Tack, Bill Posters, etc), 144 Oliver, Boston, Mass.
 Rocky Hill Hardware Co., Rocky Hill, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Taplin Mfg. Co. ("Victor"), New Britain, Conn.

5778—Hammers (Masons' & Bricklayers')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Atha Tool Co., Chapel, Newark, N. J.
 Beall Bros., Alton, Ill.
 Black John B. Co. (Also Bricklayers'), Chester, Pa.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Crescent Tool Mfg. Co. (Brick), 1002 Cass av, St. Louis, Mo.
 Drew C. & Co., Kingston, Mass.
 Evansville Tool Works, Evansville, Ind.
 Germantown Tool Works (Brick & Adze Eye, Brick), 521 Market, Phila., Pa.
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.
 Isele A. W. & Son, 51 Pitt, Boston, Mass.
 Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.
 Maydole David Hammer Co., Norwich, N. Y.
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
 Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
 Stanley Rule & Level Co., New Britain, Conn.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Vlchek Tool Co. ("Vlchek" Drop Forged), 10711 Quincy av, Cleveland, O.
 Vogt Tool Co., Kansas City, Mo.
 Warner-Hammer Co., Cromwell, Conn.
 Warren Tool & Forge Co. (With Teeth), Warren, O.
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*

5779—Hammers (Mill)

Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.

5780—Hammers (Nail)

Arcade Mfg. Co. (Cast), Freeport, Ill.
 Atha Tool Co., Chapel, Newark, N. J.
 Cassady Fairbank Mfg. Co. ("Never-Slip"), 6126 S La Salle, Chicago, Ill.
 Cheney Henry Hammer Co. ("Cheney"), Little Falls, N. Y.
 Evansville Tool Works, Evansville, Ind.
 Franklin Brass Foundry Co. ("Cracker Jack" Nickel Plated), Reading, Pa.
 Germantown Tool Works, 521 Market, Phila., Pa.
 Hammond C. & Son, Ogontz, Pa.
 Maydole David Hammer Co., Norwich, N. Y.
 Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
 Rocky Hill Hardware Co., Rocky Hill, Conn.
 Sargent & Company, New Haven, Conn.
 Stanley Rule & Level Co., New Britain, Conn.
 Stover Mfg. Co. ("Ideal," Cast), Freeport, Ill.
 U. S. Lock & Hardware Co., Columbia, Pa.
 Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
 Warner Hammer Co., Cromwell, Conn.

Hammers (Napping)

See Hammers, Heavy

5781—Hammers (Pavers')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Atha Tool Co. (Belgian), Chapel, Newark, N. J.
 Atkins E. C. & Co., Indianapolis, Ind.
 Brunner & Lay, 570 W Polk, Chicago, Ill.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.
 Evansville Tool Works, Evansville, Ind.
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
 Isele A. W. & Son, 51 Pitt, Boston, Mass.
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Vlchek Tool Co. ("Vlchek" Drop Forged), 10711 Quincy av, Cleveland, O.
 Western Tool & Forge Co., Brackenridge, Pa.

5782—Hammers (Piano)

Boston Piano Supply Co., B'way, Boston, Mass.
 Crane Felt Mfg. Co., Bevidere, N. J.
 Schmidt David H. Co., Poughkeepsie, N. Y.
 Standard Felt Co., Alhambra, Cal.

5783-4—Hammers (Pile Drivers')

American Hoist & Derrick Co., St. Paul, Minn.
 Bartlett A. F. & Co. ("Cram" Steam Hammer), Saginaw, Mich.
 Browning Co., Cleveland, O.
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 Goubert A. A., 90 West, New York
 Industrial Works (Steam), Bay City, Mich.

LIDGERWOOD MFG. CO., 96 Liberty, New York

See adv index at end of book
 McCoy Henry J. Co. ("New Monarch" Automatic Double Acting), 65 Dey, New York

MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book
 Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.

See adv index at end of book
 National Equipment Co., 125 S Racine av, Chicago, Ill. *See adv index at end of book*
 National Hoisting Engine Co., Harrison, N. J.

National Iron Co., Duluth, Minn.
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.

Stroudsburg Engine Works, Stroudsburg, Pa.

Superior Iron Works Co., Superior, Wis.
 Toledo Foundry & Machine Co., Toledo, O.
 Union Iron Works ("Arnott" Steam), Hoboken, N. J.

Vulcan Iron Works ("Warrington" Steam & Drop), 327 N Irving av, Chicago, Ill.

Western Iron & Foundry Co., Wichita, Kans.

5785—Hammers (Plumbers')

Bernz Otto, 21 Ashland av, Newark, N. J.
 Buffum Tool Co. ("Swastika," Calking, etc), South Side, Louisiana, Mo.

5786—Hammers (Power)

See also Hammers, Steam

Armstrong Mfg. Co. ("Boss," "Helva"), Waterloo, Ia.
 Beaudry & Co. ("Champion" "Peerless" Belt or Motor Driven), 141 Milk, Boston, Mass.
 Bellefonte Engineering Co., Bellefonte, Pa.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Bradley C. C. & Son, Syracuse, N. Y.
BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Caldwell E. R. Co. ("Scranton"), Bradford, Pa.
Central Machine Works Co. (The "Force"), 1234 Central av, Minneapolis, Minn.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Dienelt & Eisenhardt ("Dead Stroke Spring"), 1302 N Howard, Philadelphia, Pa.
Fairbanks Co. ("Fairbanks"), 416 Broome, New York
Fairbanks E. & T. & Co., St. Johnsbury, Vt.
Howe Scale Co., Rutland, Vt.
Iowa Steel & Iron Wks., Cedar Rapids, Ia.
Justice Philip S. & Co. ("Justice" Spring), 421 Chestnut, Phila., Pa.
Kane & Roach, Syracuse, N. Y.
Kerrihard Co. ("Kerrihard"), Red Oak, Iowa
Leonhardt Chas. ("Leonhardt" Adjustable), New Ulm, Minn.
Macgowan & Finigan Cordage Co. ("Perfect" Trip for Blacksmiths), Gay bldg, St. Louis, Mo.
Mayer Bros. Co. ("Little Giant" Motor Driven), Mankato, Minn.
MERRILL BROS. (Air Cushion), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*
Modern Sales Co. ("Little Iowa"), Hampton, Ia.
MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*
Nazel Engineering & Machine Works ("Nazel" Belt or Motor Driven), 4049 N 5th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Quickwork Co. ("Quickwork"), St. Mary, Ohio
Turner, Vaughn & Taylor Co. (For Making Chain Only), Cuyahoga Falls, O.
United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.
Vulcan Iron Works Co. ("Vulcan"), Mason City, Ia.
Wilcor Mfg. Co., 4824 W Lake, Chicago, Ill.
5787—Hammers (Prospecting)
Atha Tool Co., Chapel, Newark, N. J.
Warner Hammer Co., Cromwell, Conn.

5788—Hammers (Pulverizer)
Alloy Steel Forging Co., Carnegie, Pa.

Hammers (Rawhide)

See Mallets, Rawhide

5789—Hammers (Riveting)

See also Pneumatic Riveters
Atha Tool Co. (All Kinds), Chapel, Newark, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Champion Tool Co. ("Champion"), Meadville, Pa.
Cheney Henry Hammer Co., Little Falls, N. Y.
Chicago Pneumatic Tool Co. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*
Germantown Tool Works (Solid Forge), 521 Market, Phila., Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Hammond C. & Son, Ogontz, Pa.
High Speed Hammer Co. (Elastic Blow), Rochester, N. Y.
Maydole David Hammer Co. (Crucible Steel), Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.
Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
Reading Saddle & Mfg. Co. (Household), Reading, Pa.
Stanley Rule & Level Co., New Britain, Conn.
Van Doren Mfg. Co. ("Vandor" Drop Forged Semi, Adze Eye), Chicago Heights, Ill.
Vlchek Tool Co. ("Vlchek" Tinnerns', etc.), 10711 Quincy av, Cleveland, O.
Warner-Hammer Co., Cromwell, Conn.

5790—Hammers (Rotary Riveting)

High Speed Hammer Co., Rochester, N. Y.
Williams White & Co., Moline, Ill.

5791—Hammers (Saddlers' & Trimmers')

Johnson Wm. (Hedenberg Works), Newark, N. J.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne C. S. & Co., Harrison, N. J.

5792—Hammers (Saw Makers)

Columbus Anvil & Forging Co., Columbus, Ohio
Covel Mfg. Co., Benton Harbor, Mich.
Disston Henry & Sons, Tacony, Phila., Pa.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*

5793—Hammers (Saw Setting)

Bishop George H. & Co., Lawrenceburg, Ind.
Covel Mfg. Co., Benton Harbor, Mich.
Ficher & Norris, Trenton, N. J.
Hanchett Swage Works, Big Rapids, Mich.
Menominee Saw Co., Menominee, Mich.
SIMONDS MFG. CO., Fitchburg, Mass. *See adv index at end of book*
Van Doren Mfg. Co. (Drop Forged), Chicago Heights, Ill.

5794—Hammers (Shoemakers')

Germantown Tool Works, 521 Market, Phila., Pa.
Grey Iron Casting Co., Mt. Joy, Pa.
Kupferle John C. Foundry Co. ("Eclipse"), 1st & Wright, St. Louis, Mo.
Reading Saddle & Mfg. Co. ("Reading" Cast), Reading, Pa.
Sargent & Co., New Haven, Conn.
South Bend Foundry Co., South Bend, Ind.
Standard Shoe Machinery Co., Lawrence, Mass.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
U. S. Lock & Hardware Co., Columbia, Pa.
Williams A. C. Co. (Cast Iron Only), Ravenna, O.
Wrightville Hardware Co., Wrightville, Pa.

5795—Hammers (Slaters')

See also Tools, Slaters

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
Belden Machine Co., New Haven, Conn.
Emrich Phil, 824 Main, Cincinnati, O.
Evansville Tool Works, Evansville, Ind.
Flory S. Mfg. Co., Bangor, Pa.
Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Stortz Jno. & Son, 210 Vine, Phila., Pa.

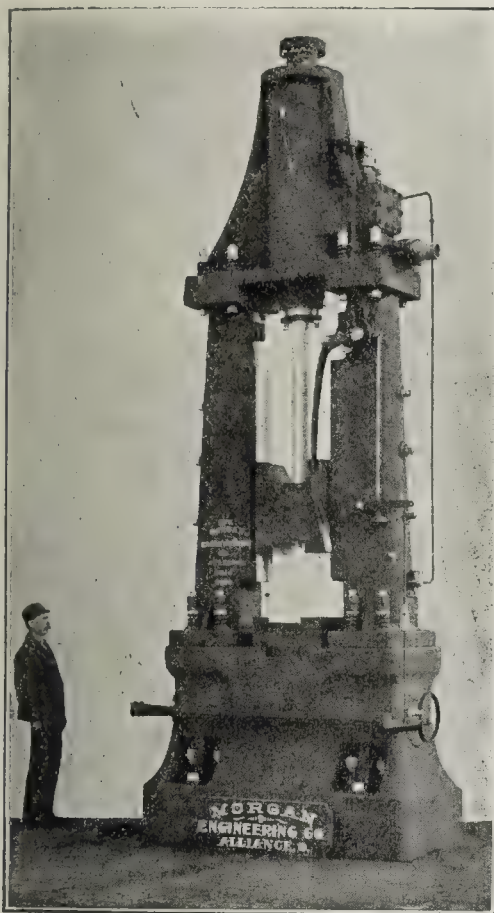
5796—Hammers (Spring)

Dougherty-Smith & Phillip ("Phillips"), 500 W Division, Chicago, Ill.
Star Expansion Bolt Co., 147 Cedar, New York

INFORMATION

The publishers of the Register are willing at all times to give all possible information pertaining to the products of their advertisers

Advertisers in the Register are invited to supply the publishers with catalogues or other information likely to be of interest to possible buyers



“MORGAN”

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5797—Hammers (Steam)

See also Hammers, Power

Alliance Machine Co., Alliance, O.
Bellefonte Engineering Co., Bellefonte, Pa.
Bethlehem Steel Co. (Drop), South Bethlehem, Pa.

BUFFALO FOUNDRY & MACHINE CO.
("Bell"), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
Chambersburg Engineering Co. (Single & Double Frame), Chambersburg, Pa.
Dudgeon Richard, 24 Columbia, New York
Duncan Co., Toledo, O.

ERIE FOUNDRY CO. ("Erie," Single & Double Frame), Erie, Pa.
Ironton Punch & Shear Co., Ironton, O.
Kline Lewis T., Alpena, Mich.
McDougall & Potter Co., 606 W 55th, New York
Massillon Foundry & Machine Co. ("Massillon" Forge), Massillon, O.

Monighan Machine Co. ("American," Single & Double Frame), 2032 Carroll av, Chicago, Ill.

MORGAN ENGINEERING CO. (Single & Double Stand), Alliance, O.
See adv index at end of book

Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York

Niles-Bemont-Pond Co. (Single, Double & Open Frame), 111 B'way, New York
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Trethewey Samuel & Co. (Especially for Tool Steel), 57th, Pittsburgh, Pa.

5798—Hammers (Stone Cutters')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.

Atha Tool Co. (All Kinds), Chapel, Newark, N. J.

Beall Bros., Alton, I.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Brunner & Lay, 570 W Polk, Chicago, Ill.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.

Evansville Tool Works, Evansville, Ind.

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Hauck Wm. J., 306 Southwest blvd, Kansas City, Mo.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.

Isele A. W. & Son, 51 Pitt, Boston, Mass.

Klein, Logan Co., 13th & Breed, Pittsburgh, Pa.

Livingston Mfg. Co., Rockland, Me.

Mack & Co. ("D. R. Barton"), Rochester, N. Y.



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BUFFALO FOUNDRY AND MACHINE CO.

BUFFALO, N. Y.

Maydole David Hammer Co., Norwich, N. Y.
 Phillips F. & Son, 1336 Greenmount av., Baltimore, Md.
 Plumb Fayette R., Inc., Tucker & James, Philadelphia, Pa.
 Trow & Holden Co., Barre, Vt.
 Vogl Tool Co., Kansas City, Mo.
 Vulcan Tool Mfg. Co., Quincy, Mass.
 Warner-Hammer Co., Cromwell, Conn.
 Warren Tool & Forge Co., Warren, O.
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*

Hammers (Striking)

See Hammers, Heavy

5799— Hammers (Tack)

Arcade Mfg. Co. (Cast Claw, etc), Freeport, Ill.
 Cassidy Fairbank Mfg. Co. ("Neverslip" Twisted Wire Handle), 6126 S La Salle, Chicago, Ill.
 Gilford F. E. (Combination), Concord, N. H.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Henry John T. Mfg. Co., Hamden, Conn.
 Kilborn & Bishop Co. ("K. & B."), New Haven, Conn.
 Landers, Frary & Clark, New Britain, Conn.
 Osborne C. S. & Co., Harrison, N. J.
 Robertson Arthur R. ("Horseshoe Magnet"), 144 Oliver, Boston, Mass.
 Rocky Hill Hardware Co., Rocky Hill, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stanley Rule & Level Co., New Britain, Conn.
 Stover Mfg. Co. (Cast), Freeport, Ill.
 Vaughan & Bushnell Mfg. Co. (Adze Eye Drop Forged), 2114 Carroll av, Chicago, Ill.
 Warner Hammer Co., Cromwell, Conn.
 Williams A. C. Co. (Cast Iron Only), Ravenna, O.
 Wrightsville Hardware Co. ("Brighton," "L. & S. I. Co."), Wrightsville, Pa.

5800—Hammers (Tanners' Marking)

Enrich Phil, 824 Main, Cincinnati, O.

5801—Hammers (Tile Setters')

Braunsdorf-Mueller Co., Elizabeth, N. J.
 Maydole David Hammer Co., Norwich, N. Y.
 Warner Hammer Co., Cromwell, Conn.

5802— Hammers (Tinner's')

See also Hammers, Riveting

Atha Tool Co., Chapel, Newark, N. J.
 Buffon Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Cheney Henry Hammer Co., Little Falls, N. Y.
 Evansville Tool Works, Evansville, Ind.
 Germantown Tool Works (Solid Forged), 521 Market, Phila., Pa.
 Maydole David Hammer Co., Norwich, N. Y.
 Merchant & Evans, Co., 2035 Washington av, Philadelphia, Pa.
See adv index at end of book
 Osborne C. S. & Co., Harrison, N. J.
 Peck, Stow & Wilcox Co. (Riveting, Setting, etc), Southington, Conn.
 Van Doren Mfg. Co. ("Vandor" Drop Forged), Chicago Heights, Ill.
 Warner Hammer Co., Cromwell, Conn.

Hammers (Tire Welding)

See Tire Welding Machines

5803— Hammers (Trip)

See also Hammers, Power

Armstrong Mfg. Co. ("Boss"), Waterloo, Ia.
 Beaudry & Co., 141 Milk, Boston, Mass.
 Mayer Bros. Co. ("New Little Giant," "Easy"), Mankato, Minn.
MERRILL BROS. (Air Cushion), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*

Modern Sales Co. ("New Modern"), Hampton, Ia.
 United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.

5804—Hammers (Upholsterers')

See also Hammers, Tack

Arcade Mfg. Co., Freeport, Ill.
 Dicke Tool Co., Downers Grove, Ill.
 Germantown Tool Works (Solid Forged), 521 Market, Phila., Pa.
 Johnson William (Hedenberg Works), Newark, N. J.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Lowentraut P. Mfg. Co., 36 Brener, Newark, N. J.
 Osborne C. S. & Co., Harrison, N. J.
 Reading Saddle & Mfg. Co. ("Reading" Household), Reading, Pa.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stanley Rule & Level Co., New Britain, Conn.
 Tully John J., Louisville, Ky.
 Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.
 Williams A. C. Co. (Cast), Ravenna, O.
 Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

5805— Hammers (Vacuum)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book
 Williams, White & Co. ("Yeakley"), Moline, Ill.

5806— Hammock Mfrs.

Altland Alfred D., Dillsburg, Pa.
 Barcalo Mfg. Co. (Couch), 225 Louisiana, Buffalo, N. Y.
 Beverly Textile Mills, Beverly, N. J.
 Bickford Bros. Co., Rochester, N. Y.
 Brooks Tent & Awning Co. ("Nantucket" Couch), Denver, Colo.
 Carnie-Goudie Mfg. Co., 22d & Grand av, Kansas City, Mo.
 Chicago Hammock Co. (Cotton Woven), 1833 N Halsted, Chicago, Ill.
 Cream City Net Co., 1076 Grove, Milwaukee, Wis.
 Excelsior Bag & Mfg. Co. ("Idle Hour" & "Excelsior" Couch), Troy, N. Y.
 Foster Bros. Mfg. Co. (Porch), Utica, N. Y.
 Fowler Net & Twine Co., 107 S 2d, Phila., Pa.
 Gem Hammock & Fly Net Co., 191 Hanover, Milwaukee, Wis.
 Gold Metal Camp Furniture Mfg. Co. ("Knowlton," Swinging & Hammock Combined), Racine, Wis.
 Goodall Hammock Co. (Cotton), Westbrook, Me.
 Hettrick Mfg. Co., Toledo, O.
 Hoffman-Corr Mfg. Co. ("Globe-Lion" Brand), 312 Market, Phila., Pa.
 Hohlfield Mfg. Co., 10th & Allegheny, Phila., Pa.
 Hough Shade Corporation, Janesville, Wis.
 La Crosse Hammock Works, La Crosse, Wis.
 N. Y. Couch Eed Co. ("Romelink" Couch), Meadow & Anable av, L. I. City, N. Y.
 Olmsted & Tuttle Co. (Cot Hammocks), Chicopee, Mass.
 Palmer I. E. Co., Middletown, Conn.
 Patterson Mfg. Co. (also Couch Hammocks), E Indiana cor A, Phila., Pa.
 Rowe E. L. & Son ("Gloucester"), Gloucester, Mass.
 St. Charles Net & Hammock Co., St. Charles, Ill.
 Shoyer D. W. & Co. ("Acme"), 394 B'way, New York
 Steinfeld Bros. ("Steinfeld" Swinging Couch), 116 W 32d, New York
 Tennessee Line & Twine Co. (Cotton), Elizabethton, Tenn.
 Warren Mfg. Co. (Cotton), Warren, Md.
 Western Hammock Co., La Crosse, Wis.
 Wheeler & Wilson ("North Shore" Bed), 15 Merchants row, Boston, Mass.

Hampers

See Baskets, Hampers, Etc.

5807—Hand Rests for Lathes

American Tool & Machine Co., 10 High, Boston, Mass.

5808— Handcuffs & Twisters

Barnard Geo. D. & Co. ("Cummings"), Laclede & Vandeventer, St. Louis, Mo.
 Marlin Fire Arms Corp., New Haven, Conn.
 Mattatuck Mfg. Co. ("Maltby"), Waterbury, Conn.
 Peerless Handcuff Co. ("Peerless" Light weight), Springfield, Mass.
 Union Hardware Co., Torrington, Conn.

5808a— Handkerchief (Boxes)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5809—Handkerchiefs (Bandanna)

Passaic Print Works, Passaic, N. J.

Handles (Agricultural Tool)

See Handles, Farm Tool

Handles (Air Brake)

See Handles. Brake or Controller

Handles (Ash)

See Handles, Farm Tool, Ash

5810— Handles (Auger)

Bliss R. Mfg. Co. (J. H. O'Neil, Jr., successor), Pawtucket, R. I.
See adv index at end of book
 Bonney Vise & Tool Works ("Hayes"), Allentown, Pa.
See adv index at end of book
 Canfield Mfg. & Novelty Co., Canfield, O.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Everstick Anchor Co., 1624 N 8th, St. Louis, Mo.
 Irwin Auger Bit Co., Wilmington, O.
 Millers Falls Co. ("Rogers," Gun's Ratchet), 28 Warren, New York
 Ohio Tool Co., Charleston, W. Va.
 Peck, Stow & Wilcox Co. ("Peck's" Patent), Southington, Conn.
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 Piqua Handle & Mfg. Co., Piqua, O.
 Southington Mfg. Co., Southington, Conn.
 Swan James Co. ("Swan's"), Seymour, Conn.

5811—*Handles (Automobile)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

5812— *Handles (Awl)

ESTES E. B. & SONS, 358 5th av, New York. *See adv index at end of book*
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Handles (Axe)

See Handles, Hickory

5813—*Handles (Baby Carriage)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5814— Handles (Bark Spud)

American Logging Tool Co., Evart, Mich.

5814a— *Handles (Basket)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5814b— *Handles (Bell)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5814c— *Handles (Bill Poster)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5814d— *Handles (Bit Brace)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5814e—Handles (Bit, Malleable Iron)

Syracuse Twist Drill Co., ("Syracuse"), Borden av, Syracuse, N. Y.
See adv index at end of book

5815—Handles (Boiler, Ash & Milk Can, Etc.)

Adams Co. (Boiler), Dubuque, Ia.
Arcade Mfg. Co., Freeport, Ill.
Berger Bros. Co. ("Keystone"), 229 Arch, Phila., Pa.
Campbell Wire Specialty Works (Wire), South Bend, Ind.
Clark W. J. Co., Salem, O.
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
Excelsior Stove & Mfg. Co., Quincy, Ill.
Grey Iron Casting Co., Mt. Joy, Pa.
Haslet, Flanagan & Co., 116 N 2d, Phila., Pa.
Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
McAleer E. J. & Co., 1422 N 8th, Phila., Pa.
Morgan Spring Co. (Ash Can), Worcester, Mass.
Stiles, H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Weller Hdw. & Foundry Co. (Or Milk Can), Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

5816— Handles (Bone)

Armour & Co., 208 S La Salle, Chicago, Ill.
Randolph Wm. C. (Whisk Broom, etc), 213 Arch, Phila., Pa.

Rogers Mfg. Co., Rockfall, Conn.
Rogers & Hubbard Co., Middletown, Conn.
Winterbottom Carter & Co., Egg Harbor City, N. J.

5817—Handles (Brake or Controller)

See also Wheels, Ratchet Brake.
Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Baker John S. ("Beverly," Ratchet Clutch), Beverly, Mass.
Brill J. G. Co., 62d & Woodland av, Phila., Pa.
Burns & Bassick Co., Bridgeport, Conn.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Dayton Mfg. Co. ("Lindstrom," "Pittsburgh," "Dayton" Gravity, etc), Dayton, O.
Electric Service Supplies Co. ("Durkin Automotoneer," "Lock-On"), 17th & Cambria, Phila., Pa.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Jewett Car Co. (Brake Only), Newark, O.
Lord Electric Co. ("Cosper"), 105 W 40th, New York
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5818— Handles (Broom)

American Broom & Brush Co., Amsterdam, N. Y.
Amsterdam Broom Co., Amsterdam, N. Y.
Antigo Mfg. Co., Antigo, Wis.
Auburn Handle Co., Auburn, Ind.
Bayless Mfg. Co., Memphis, Tenn.
Boggs Broom Corn Co. (Maple), 1206 N Main, St. Louis, Mo.
Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Brinser E. C. Sons, Richmond, Va.
Cadillac Handle Co., Cadillac, Mich.
Columbia Mfg. Co., New Philadelphia, O.
Columbus Sucker Rod Co., Columbus, O.
Crook Son & Co., Hicksville, O.
Ellis & Smith, Bleeker, N. Y.
Escanaba Mfg. Co., Escanaba, Mich.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Green River Chair Co., Livermore, Ky.
Hulburd S. W., Brasher Falls, N. Y.
Indiana Wood Products Co., Spencer, Ind.
Jackson & Tindle, Buffalo, N. Y.
Jones B. E. Mfg. Co., Alba, Mich.
Lee Broom & Duster Co., Lincoln, Neb.
Levering Mfg. Co., Wilmington, N. C.
Lobdell Emery Mfg. Co., Onaway, Mich.
National Handle Co., Cleveland, O.
Oakland Mfg. Co., Gardiner, Me.
Olds & Hixson, Vanderbilt, Mich.
Piqua Handle & Mfg. Co. (Regular Finish & High Grade French Polish Finish, Stained, all Colors or Natural Wood), P O Box 307, Piqua, O.
Rugg Mfg. Co., Greenfield, Mass.
Standard Churn Co., Wapakoneta, O.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Stratton D. A. Co., Atlantic Mine, Mich.
Turner T. J., Marked Tree, Ark.
Westcott J. D. & Son, Richwood, W. Va.

5819— Handles (Brush)

Estes E. B. & Sons (Artists', Painters' & shoe), 358 5th av, New York
See adv index at end of book
Levering Mfg. Co., Wilmington, N. C.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Pierce F. B. Co., Keene, N. H.
Stephenson Mfg. Co., South Bend, Ind.

5820— Handles (Cane)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Stephenson Mfg. Co., South Bend, Ind.

5821—Handles (Canthook & Peavey)

American Logging Tool Co., Evart, Mich.
Brinser E. C. Sons, Richmond, Va.
Columbus Handle & Tool Co., Columbus, Ind.
Harris Mfg. Co., Johnson City, Tenn.
Hartwell C. L. & Co., Chicago Heights, Ill.
Oshkosh Mfg. Co., Oshkosh, Wis.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Strock L. W. & Co., Bethlehem, Pa.
Titusville Handle Co., Titusville, Pa.
Windham Handle Co., South Windham, Conn.

5822—Handles (Car Coupling)

Handlan-Buck Mfg. Co. ("Bishop"), 210-14 N 3d, St. Louis, Mo.

5823—Handles (Carpet Sweeper)

Borgeson C. E., 1775 Wilson av, Chicago, Ill.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5824—Handles (Carriage Door)

Attwood Brass Works, Grand Rapids, Mich.
Searis Mfg. Co., 29 Mulberry, Newark, N. J.

5825— Handles (Chest)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Brainerd Mfg. Co., East Rochester, N. Y.
Carondelet Foundry Co., 2123 S Kings-highway, St. Louis, Mo.
Champion Hardware Co. ("Champion"), Geneva, O.
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
Grammes L. F. & Sons, Allentown, Pa.
Lawrence Bros., Sterling, Ill.
Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book



ESTABLISHED 1847

E. B. ESTES & SONS

Manufacturers of

Tool Handles—Screw Driver, Awl, etc.

Also Handles for Household Utilities and Hollow Ware, Plain, Polished or Enameled in any style.

358-5th Ave.,

NEW YORK CITY

Established
1847

E. B. ESTES & SONS

Manufacturers
of

**TOOL HANDLES—SMALL, PLAIN OR FANCY POLISHED AND
ENAMELED HANDLES IN NATIVE AND FOREIGN WOODS**

358 5th Avenue

New York City

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co. (Surface & Flush Patterns), Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Weber-Knapp Co. (Brass, etc), Jamestown, N. Y.
Weller Hardware & Fdry. Co., Horseheads, N. Y.
Wrightsville Hardware Co. (Surface), Wrightsville, Pa.

5826— Handles (Chisel)

Bliss R. Mfg. Co. (J. H. O'Neill, Jr., successor), Pawtucket, R. I.
See adv index at end of book
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Gallup Ruffing Handle Co. (Leather Head & Plain), Norwalk, O.
Levering Mfg. Co., Wilmington, N. C.
Piqua Handle & Mfg. Co. (Leather Head & Plain, also Butt Chisel Handles), P. O. Box 307, Piqua, O.
Stephenson Mfg Co., South Bend, Ind.
STILES H. A. & CO. ("Hasco" Brand), 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stossel Carl & Co., Front Royal, Va.

5827— Handles (Churn)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Stephenson Mfg Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book

Handles (Circuit Breaker)

See Handles, Electric Switch.

Handles (Controller Regulating)

See Handles, Brake or Controller

5828— Handles (Cooler)

Grey Iron Casting Co., Mt. Joy, Pa.

5829— Handles (Cork)

Armstrong Cork Co. (For Fishing Rods, Golf Sticks, etc), 24th & A. V. R. R. Pittsburgh, Pa.

5829a— *Handles (Cork Screw)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5830— Handles (Crank)

Estes E. B. & Sons (Phonograph Crank), 358 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Stiles H. A. & Co. (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*
Williams J. & Co. ("Vulcan" Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

5831—Handles (Crank Handle)

Backstay Machine & Leather Co., Union City, Ind.
Bliss R. Mfg. Co. (J. H. O'Neill, Jr., successor), Pawtucket, R. I.
See adv index at end of book
Bosler E. H., 1935 Wabash av, Chicago, Ill.
Eberhard Mfg. Co., Cleveland, O.
Economy Stay Co. (Leather), Jefferson City, Mo.
Feeser Frank S. Co. ("Superior"), Indianapolis, Ind.
Gallup Ruffing Handle Co., Norwalk, O.
Gilbert Mfg. Co. ("Gilbert"), New Haven, Conn.

Nathan Novelty Mfg. Co., 88 Reade, New York
Niagara Auto Radiator Co., 151 W 68th, New York
Perkins-Campbell Co. ("Campbell"), 622 B'way, Cincinnati, O.
Premier Auto Novelty Mfg. Co., 375 W B'way, New York
Smith James & Son, 40 Franklin av, Brooklyn, N. Y.
Sutherland F. L. Co., Detroit, Mich.

5831a—*Handles (Currycomb)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5831b— Handles (Cutlery)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York
Estes E. B. & Sons (Knife, Putty Knife, &c., Cleaver), 358 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5832— Handles ("D")

American Mfg. Co. (Iron, Wood & Steel), Chattanooga, Tenn.
Piqua Handle & Mfg. Co. (Split), P. O. Box 307, Piqua, O.

5832a— *Handles (Die Stock)

NATIONAL TUBE CO. ("SHELBY"), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
STANDARD PARTS CO. (Tubular), W 73rd, Cleveland, O.
See adv index at end of book

5832b— *Handles (Dipper)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

Handles (Door)

See Pulls, Door

Handles (Drawer)

See Pulls, Drawer

5833— Handles (Drop)

Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Northwestern Stamping Co. (For Washing Machines), Burlington, Iowa
Penn Hardware Co., Reading, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5833a— *Handles (Ebony)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5834—Handles (Electric Switch)

American Enamel Co., Providence, R. I.
American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.
American Wood Working Co., 4345 Wabansia av, Chicago, Ill.
Auburn Button Works, Auburn, N. Y.
Bogert & Hopper, 67 Barclay, New York
Dickinson Mfg. Co., Springfield, Mass.
Eby F. B. Handle Co., 12th & Stanley, Detroit, Mich.
Electrose Mfg. Co. (Composition), Washington & Plymouth, Brooklyn, N. Y.
ESTES E. B. & SONS, 358 5th av, New York
See adv index at end of book
Gallup Ruffing Handle Co., Norwalk, O.
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
Hemming Mfg. Co., Garfield, N. J.

Mossman Jerome (Est. of), Fitchburg, Mass.
Narragansett Mach. Co. (Wood), Providence, R. I.
Novelty Turning Co. (Wood), Norway, Me.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
Schutz Bros., Inc., 71 W B'way, New York
Scranton Button Co. (Electroid), Scranton, Pa.
Siemon Hard Rubber Corp., Bridgeport, Conn.
Stephenson Mfg. Co., South Bend, Ind.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
Stratton Mfg. Co., Stratton, Me.
Union Hardware Co., Torrington, Conn.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

5835—Handles (Emery Wheel Dresser)

QUADRIGA MFG. & SPECIALTY CO., 213 W Grand av, Chicago, Ill.
See adv index at end of book

5836—Handles (Enameled Wood)

Baker, McMillen Co., Akron, O.
ESTES E. B. & SONS, 358 5th av, New York.
See adv index at end of book
Levering Mfg. Co., Wilmington, N. C.
Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
STILES H. A. & CO., 93-97 Oliver, Boston, Mass.
See adv index at end of book
Sun Enamel Works (For Electric Switch, Rubber Stamp, Knife Knob, etc), Leominster, Mass.

5836a— *Handles (Eraser)

du Pont E. I. de Nemours & Co. (The Arlington Wrks.), 725-27 B'way, New York

5837— Handles (Fan)

Bliss Mfg. Co. (Soft Wood), Bliss, N. Y.
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5838—Handles (Farm Tool, Ash)

(FORK, SHOVEL, SPADE, RAKE, ETC.)
See also Handles, Wood

Alexander Geo. E. & Son (Fork), Sunapee, N. H.
American Fork & Hoe Co., Cleveland, O.
Ames Shovel & Tool Co., Ames bldg, Boston, Mass.
Brinser E. C. Sons, Richmond, Va.
Derby & Ball (Fork), Bellows Falls, Vt.
Cadillac Handle Co., Cadillac, Mich.
Carrier Lbr. & Mfg. Co., Sardis, Miss.
Columbus Handle & Tool Co., Columbus, Ind.
Crook Son & Co., Hicksville, O.
Harris Mfg. Co., Johnson City, Tenn.
Hartwell C. L. & Co., Chicago Heights, Ill.
I. X. L. Handle Co., Dexter, Mo.
Jackson Shovel & Tool Co., Montpelier, Ind.
Jonesboro Handle Co., Jonesboro, Ark.
Lewiston Handle Co. (Shovel & Spade), Lewiston, Me.
Marion Handle & Mfg. Co., Marion, Ind.
National Handle Co., Cleveland, O.
Piqua Handle & Mfg. Co., P. O. 307, Piqua, O.
Standard Churn Co. (Fork), Wapakoneta, O.
Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
Strock L. W. & Co., Bethlehem, Pa.
Union Fork & Hoe Co., Columbus, O.
U. S. Handle Co., Piqua, O.
Washington Handle Co., Washington C. H., O.

5839— Handles (File)

Allen Chas. I., Pequabuck, Conn.
Andrews Mfg. Co., 413 Commerce, Philadelphia, Pa.
Baker, McMillen Co., Akron, O.
Bernz Otto, 21 Ashland av, Newark, N. J.
Bliss R. Mfg. Co. (J. H. O'Neill, successor), Pawtucket, R. I.
See adv index at end of book
Buckeye Saw Vise Co. (Malleable), Cleveland, O.

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*
 Gallup Ruffing Handle Co., Norwalk, O.
 Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.
 Grover File Co., Nashua, N. H.
 Levering Mfg. Co., Wilmington, N. C.
 Lutz File Co. ("Beatemall"), 806 Broadway, Cincinnati, O.
 Mossman Jerome (Est. of), Fitchburg, Mass.

NICHOLSON FILE CO., Providence, R. I. *See adv index at end of book*
 Ohio Tool Co., Charleston, W. Va.
 Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.

Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

Robinson M. W. Co. ("Lock Jaw," "Rollis"), 203 37th, Brooklyn, N. Y.
 Rowe Henry Mfg. Co., Newaygo, Mich.
 S. & I. Co., Springfield, Mass.

Sargent & Co., New Haven, Conn.
 Schuchardt & Schutte ("Elastic Grip"), 90 West, New York

Smith J. B. (Jewelers, etc, Soft Wood, Plain & Hardwood Polished), Geneva, Ohio

Standard Turning Works, Cambridge, Mass.

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Stephenson Mfg. Co., South Bend, Ind.
STILES H. A. & CO. ("Hasco" Brand), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Stossel Carl & Co., Front Royal, Va.
 Stratton Mfg. Co., Stratton, Me.
 Strock L. W. & Co., Bethlehem, Pa.
 Troy File Works ("Best"), Troy, N. Y.
 Windham Handle Co. (Oak, Hickory & Ash), S Windham, Conn.

5839a—*Handles (Fishing-Reel)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5839b—*Handles (Fishing Rod)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

5839c—*Handles (Fly Killer)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5840—Handles (Force Cup)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Levering Mfg. Co., Wilmington, N. C.
 Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

STILES H. A. & CO. 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5840a—*Handles (Garden Floral Sets)

ESTES E. B. & SONS, 358 5th av., New York *See adv index at end of book*

5840b—*Handles (Gas Cock)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Stiles, H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5841—Handles (Gas Taper)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Stephenson Mfg. Co., South Bend, Ind.

5841a—*Handles (Gimlet)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

5841b—*Handles (Grass Hook)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*
 Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*

5842—Handles (Hammer)

American Handle Co. ("Ozark," "Chicot," "Bonnie," "American King"), Jonesboro, Ark.

Atha Tool Co. (Also Hatchet), Chapel, Newark, N. J.

Buckeye Handle, Gear & Bending Co., Alliance, O.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Canfield Mfg. & Novelty Co., Canfield, O.

Clark-Danforth Handle Co., Cairo, Ill.

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

Graves & Stamp (Hickory), Des Arc, Mo.

Harrison Supply Co. (Connecticut Hickory), 5 Dorchester av, Boston Mass.

Heiser J. B., Atwater, O.

Kile Mfg. Co., Akron, O.

La Pierre-Sawyer Handle Co., Jackson, Mo.

Medina Bending Works, Medina, O.

North American Handle Co., Fort Hill sq, Boston, Mass.

Peterson Samuel, Warren, Pa.

Piper B. H. Co., Manchester, N. H.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Stossel Carl & Co. ("Royal" Hickory), Front Royal, Va.

Strock L. W. & Co., Bethlehem, Pa.

Thomasville Spoke Works Co., Thomasville, N. C.

Titusville Handle Co., Titusville, Pa.

Warner Hammer Co., Cromwell, Conn.

Warren Handle Works (Hickory, etc), Warren, O.

Windham Handle Co., South Windham, Conn.

5843—Handles (Hard Rubber)

Stokes Jos. Rubber Co. (Various Designs), Trenton, N. J.

5843a—*Handles (Hatchet, Pick, Plane, Etc)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

5844—Handles (Hay Knife)

Piqua Handle & Mfg. Co. (Corn & Grass Hook), P. O. Box 307, Piqua, O.

5844a—*Handles (Hedge, Shear)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

5845—Handles (Hickory)

(AXE, PICK, HAMMER, SLEDGE, ETC.)

See also Handles, Wood

American Handle Co., Jonesboro, Ark.

Berry O. P. Co., Wolfboro Falls, N. H.

Brusher J. B., Norristown, Pa.

Buckeye Handle, Gear & Bending Co., Alliance, O.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Cadillac Handle Co., Cadillac, Mich.

Cafisch Fred, Union City, Pa.

Canfield Mfg. & Novelty Co., Canfield, O.

Charlesworth Wm. Handle Co. (Axe & Tool), Fayetteville, Ark.

Clark-Danforth Handle Co., Cairo, Ill.

Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.

Deutch Arthur, Savannah, Ga.

Dickinson Chas. W., Ypsilanti, Mich.

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

Fulkerson Bros. Handle Co. (Sledge), Puxico, Mo.

Gallup Ruffing Handle Co., Norwalk, O.

Graves & Stamp (Axes, Pick, Hatchet, Sledge, etc), Des Arc, Mo.

Hartwell Bros., Chicago Heights, Ill.

Hartwell C. L. & Co. (Jack Handles), Chicago Heights, Ill.

Harvey H. H. Mfg. Co., Augusta, Me

Hickory Handle & Mfg. Co., Conover, N. C.

Ivory Handle Co., Hope, Ark.

I. X. L. Handle Co. (Axe, Pick & Sledge), Dexter, Mo.

Keller & Tamm Mfg. Co. (Axe, Pick, Sledge), Victor & Levee, St. Louis, Mo.

Kelsey Horatio, Clinton, Conn.

Kile Mfg. Co. (Hammer, Hatchet & Tool), Akron, O.

Landis S. H. & Bro., Quakertown, Pa.

La Pierre-Sawyer Handle Co. (Axe, Pick & Sledge), Jackson, Mo.

Levering Mfg. Co., Wilmington, N. C.

Lewiston Handle Co. (Sledge), Lewiston, Me.

McCrillis Handle Co., Norwalk, O.

Minton T. W. & Son, Barboursville, Ky.

North American Handle Co., Fort Hill sq, Boston, Mass.

Oshkosh Mfg. Co. (Maple Sledge, etc), Oshkosh, Wis.

See adv index at end of book

Peterson Samuel, Warren, Pa.

Piper B. H. Co., Manchester, N. H.

Prouty C. & Co. (Sledge), Eldred, Pa.

Reuther-Scanlon Handle Co., Nashville, Tenn.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

STROCK L. W. & CO., Bethlehem, Pa.

Tatem J. B. & Son, Putnam, Conn.

Titusville Handle Co., Titusville, Pa.

Turner, Day & Woodworth Handle Co., Louisville, Ky.

United Handle Mills, 17 Battery pl, New York

Warren Handle Works (All Kinds), Warren, O.

Willingham E. G. (Tool), Memphis, Tenn.

Windham Handle Co. (Axe, Pick, Hammer, etc), S Windham, Conn.

Yingling Bros. & Co., Monroeville, O.

Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust, St. Louis, Mo.

Zimmerman J. N., Owosso, Mich.

5845a—*Handles (Horse Clipper)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

5846—Handles (Ice Hook)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5846a—*Handles (Ice Pick & Ice Shave)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

5847—Handles (Imitation Stag)

Rogers & Hubbard Co., Middletown, Conn.

5847a—*Handles (Incandescent Lamp Guard)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5848—Handles (Insulated)

American Vulcanized Fibre Co. (Hard Fibre), 504 Equitable bldg, Wilmington, Del.

Continental Fibre Co. ("Bakelite-Dilecto," & Hard Fibre), Newark Centre, Del.

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.

National Fibre & Insulation Co. (Vulcanized Fibre), Yorklyn, Del.

Spaulding J. & Sons Co. (Hard Fibre), P. O. Box, 52 Tonawanda, N. Y.

See adv index at end of book

Standard Fibre Co., Miller St., Somerville, Mass.

WILMINGTON FIBRE SPECIALTY CO. (Hard Fibre), Wilmington, Del.

See adv index at end of book

5849—Handles (Ivory)

Grote F. & Co., 82 4th av, New York

Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York

Tower Sylvester Co., Cambridge, Mass.

5849a—*Handles (Kettle)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

Peterson F. W. Co., 68 Thomas, New York *See adv index at end of book*

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5849b—*Handles (Knife—Corn, Shoe, Kitchen, etc)

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

5849c— *Handles (Ladle)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5850—*Handles (Lather Brush)

ESTES E. B. & SONS, 358 5th av, New York.
See adv index at end of book
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book

5851— Handles (Leather)

Badger Handle Co., 323 E Water, Milwaukee, Wis.
 Graton & Knight Mfg. Co. (Trunk, Suit & Sample Case, etc), Worcester, Mass.
 Nott W. S. Co. (Trunk, etc), 2d av N and 3d, Minneapolis, Minn.

5851a— *Handles (Lubricator)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5852— Handles (Machine)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.
 Cincinnati Ball Crank Co. (Steel), N. Oakley, Cincinnati, O.
 Keystone Drop Forge Works (Drop Forged), Chester, Pa.
 New Britain Hardware Mfg. Co., New Britain, Conn.
 Page-Storms Drop Forge Co., Chicopee, Mass.
 Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
 Williams J. H. & Co. ("Vulcan" Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

5853—*Handles (Machine Wood)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5853a—*Handles (Manicure Instruments)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5854—Handles (Microphone)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Scranton Button Co. (Corrugated Desk or Microphone), Scranton, Pa.

5855— Handles (Mop, Etc.)

See also Mop Sticks & Holders
 Bay State Mop Co., Woburn, Mass.
 Borgeson C. E., 1775 Wilson av, Chicago, Ill.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Harper Brush Works, Fairfield, Ia.
 Himmelberger-Harrison Lumber Co., Morehouse, Mo.
 Kohler F. E. Co., Canton, O.
 Levering Mfg. Co., Wilmington, N. C.
 Piqua Handle & Mfg. Co. (Special Polished & Threaded), P. O. Box 307, Piqua, O.
 Stephenson Mfg. Co., South Bend, Ind.
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
 Turner T. J., Marked Tree, Ark.

5855a— *Handles (Oven Door)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5856— Handles (Package)

Acme Handle Co., 265 Lafayette, New York
 Eastern Handle Co., 36 Whittier, Boston, Mass.

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Excelsior Package Handle Co., 44 N 4th, Phila., Pa.

Grover R. A. Andover, Me.

Levering Mfg. Co., Wilmington, N. C.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass.

See adv index at end of book
 Tie Co. (Common Book Handles, "Frazier," "Our Leader"), Unadilla, N. Y.

5857— Handles (Pail)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Gallup Ruffing Handle Co., Norwalk, O.
 Levering Mfg. Co., Wilmington, N. C.
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book

Handles (Pike Pole)

See Handles, Canthook & Peavey

5858— Handles (Plate)

Hutchins-Kilbourne Co. (Detachable), Buffalo, N. Y.
 Morgan Spring Co. (Adjustable), Worcester, Mass.

5859— Handles (Plow)

Atlanta Plow Co., Atlanta, Ga.
 Dugger & Goshorn, Memphis, Tenn.
 Eagle Hay Press & Implement Co., Muskegee, Okla.
 Emerson-Brantingham Co., Rockford, Ill.
 Eureka Bending & Wheel Works, York, Pa.
 Farmville Mfg. Co., Farmville, Va.
 Farquhar A. B. Co., Ltd., York, Pa.
 Fort Smith Rim & Bow Co., Fort Smith, Ark.
 Gantt Mfg. Co., Macon, Ga.
 Harriman Mfg. Co., Harriman, Tenn.
 Harris Mfg. Co., Johnson City, Tenn.
 Kelby G. A. Plow Co., Longview, Tex.
 Look & Lincoln, Marion, Va.
 Ohio Cultivator Co., Bellevue, O.
 Oval Oak Mfg. Co., Silver City, N. C.
 Parlin & Orendorff Co., Canton, Ill.
 Phipps J. H. Lumber Co., Fayetteville, Ark.
 Reuter Hub & Spoke Co., Dexter, Mo.
 Rock Island Plow Co., Rock Island, Ill.
 Towers & Sullivan Mfg. Co., Rome, Ga.

5860—Handles (Pocket & Table Knife)

Union Pearl Works (Pearl), 43 W 27th, New York

5861— Handles (Porcelain)

Jeffery-DeWitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.
 Mitchell-Bissell Co., 251 4th av, New York

5862—Handles (Post Hole Digger)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.
 Stephenson Mfg. Co., South Bend, Ind.

Handles (Rasp)

See Handles, File

5863— Handles (Ratchet)

Goodell-Pratt Co., Greensfield, Mass.
 Yonts C. H. & Co., Meadville, Pa.

Handles (Ratchet Brake)

See Handles, Brake or Controller

5863a— *Handles (Razor)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5864— Handles (Revolver)

Sansom John H. A (Pearl), 174 Worth, New York
 Union Pearl Works (Pearl & Ivory), 43 W 27th, New York

5864a—*Handles (Rubber Stamp)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

5865— Handles (Sad Iron)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Baker, McMillen Co., Akron, O.
 Bless & Drake, 175 N J R R av, Newark, N. J.
 Cochrane, J. A. Brass Mfg. Co., 1403 E 40th, Cleveland, O.
 Eby F. B. Handle Co., 12th & Stanley, Detroit Mich.
 Enterprise Mfg. Co. of Pa. ("Best"), 3d & Dauphin, Phila., Pa.
 Fanner Mfg. Co. ("Artic," for Mrs. Potts Irons), Cleveland, O.
 Gallup Ruffing Handle Co., Norwalk, O.
 Grey Iron Casting Co. (Potts, etc), Mt. Joy, Pa.
 Hoehn Fred, Cleveland, O.
 Loetscher-Ryan Mfg. Co., Dubuque, Ia.
 Piqua Handle & Mfg. Co., P O Box 307, Piqua, O.
 Reading Saddle & Mfg. Co. ("Sure Grip," "Easy Lift"), Reading, Pa.
 Sager Lock Co., North Chicago, Ill.
 Schroyer's M. Sons & Co., 917 W 18th, Chicago, Ill.
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book
 Williams A. C. Co., Ravenna, O.

5866— Handles (Saw)

Chapin-Stephens Co. (Hand), Pine Meadow, Conn.
 Columbus Handle & Tool Co. (Cross-Cut), Columbus, Ind.
 Disston Henry & Sons (Cross-Cut, Hand, etc), Tacony, Phila., Pa.
 Ely T. J. Mfg. Co. ("Dandy" Cross Saw), Erie, Pa.
 Estes E. B. & Sons (Cross-Cut, Hand, etc), 358 5th av, New York
See adv index at end of book
 Jennings C. E. & Co., 71 Murray, New York
 Oshkosh Mfg. Co. (Cross-Cut Saw), Oshkosh, Wis.
 Piqua Handle & Mfg. Co., Piqua, O.
 Potter Mfg. Co. ("Champion" Cross-Cut), Geneva, O.
 Sargent & Company, New Haven, Conn.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Stanley Rule & Level Co. (Hand), New Britain, Conn.
 Stiles H. A. & Co. (Hand), 93-97 Oliver, Boston, Mass.
See adv index at end of book

5866a— Handles (Scissors)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5867—Handles (Screw Driver)

Allen Chas. I., Terryville, Conn.
 Baker, McMillen Co., Akron, O.
 Bernz Otto, 21 Ashland av, Newark, N. J.
 Bliss R. Mfg. Co. (J. H. O'Neil Jr., successor), Pawtucket, R. I.
See adv index at end of book
 Buck Bros., Millbury, Mass.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
 Sargent & Company, New Haven, Conn.
 Stanley Rule & Level Co., New Britain, Conn.
 Stephenson Mfg. Co., South Bend, Ind.
STILES H. A. & CO., 93-97 Oliver, Boston, Mass.
See adv index at end of book
 Stratton Mfg. Co., Stratton, Me.
 Sun Enamel Works (Wood), Leominster, Mass.
 Tucke Mfg. Co., Brockton, Mass.

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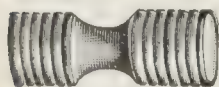
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5867a—Handles (Shaving Brush)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5868— Handles (Socket)

Stewart Frank H. Electric Co., ("Adjustable"), 35 N 7th, Phila., Pa.

5869—Handles (Soldering Copper & Iron)

Andrews Mfg. Co., 413 Commerce, Phila., Pa.
 Baker, McMillen Co. (Wood), Akron, O.
 Erie City Mfg. Co. (Fireproof), Erie, Pa.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Nashua Spool & Bobbin Co. (Wood), Grove Hall Station, Boston, Mass.
 Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.
 Standard Turning Works, Cambridge, Mass.
STILES H. A. & CO. (Wood), 93-97 Oliver, Boston, Mass.
See adv index at end of book
 Stossel Carl & Co., Front Royal, Va.
 Sun Enamel Works, Leominster, Mass.
 Windham Handle Co., South Windham, Conn.

Handles (Store Door)

See Locks & Knobs, Door

5870—Handles (Tack Puller)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 Stephenson Mfg. Co., South Bend, Ind.

5870a—*Handles (Tea & Coffee Pot)

Estes E. B. & Sons (Enameled Wood), 358 5th av, New York
See adv index at end of book
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

Handles (Timber Carrier or Lug Hook)

See Handles, Canthook & Peavey.

5870b—*Handles (Tire Pump)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5871— Handles (Tool)

See also Handles, Various Kinds; also Handles, Wood

Bayless Mfg. Co. (Hammer, Hatchet, Sledge, Pick), Memphis, Tenn.
 Bliss R. Mfg. Co. (J. H. O'Neill, Jr. Successor), Pawtucket, R. I.
See adv index at end of book
 Buck Bros. (Chisel Carving Tool, etc), Millbury, Mass.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Burgess & Norton Mfg. Co. ("Bur-Nor" all Steel, Hollow Steel Handle, Shingling, Half Youths, Packing, Full Blade, etc), Geneva, Ill.
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Kelsey Horatio (Axe, Pick, Sledge, Hammer, etc.), Clinton, Conn.
 Osgood J. L. Tool Co. ("Indestructible"), Buffalo, N. Y.
 Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book
 Piqua Handle & Mfg. Co. (Chisel, Carving Tool, File, Auger, Screw Driver, Hammer, Ice Pick, Brad Awl, Trowel, Cleaver, Brace, Wrench, etc), P. O. Box 307, Piqua, O.
 Pittsburgh Gage & Supply Co. ("Best-Ov-All"), 30th & Liberty av, Pittsburgh, Pa.
 S. & I. Co. (Chisel, File, Hatchet, etc), Springfield, Mass.

Sargent & Company (Plain & Leather Head Chisel, Brad Awl, etc), New Haven, Conn.

Schutz Bros, Inc., 71 W. B'way, New York
 Smith J. B. (Small, Plain & Polished), Geneva, O.

SMITH & HEMENWAY CO. ("Red Devil," Hollow), 76 Chambers, New York
See adv index at end of book

Standard Turning Works, Cambridge, Mass.

Stephenson Mfg. Co., South Bend, Ind.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass.
See adv index at end of book

Stratton Mfg. Co. (Small), Stratton, Me.

Sun Enamel Works (All Kinds, Enameled & Japanned, etc), Leominster, Mass.

U. S. Handle Co. (Farm Tools), Piqua, O.

Windham Handle Co. (Oak, Hickory & Ash, Axe, Pick, Chisel, File, etc), So. Windham, Conn.

5872—Handles (Torch Light)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

5873— Handles (Tray)

Brainerd Mfg. Co., East Rochester, N. Y.

Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

Weber-Knapp Co. (Cast Brass), Jamestown, N. Y.

5873a— *Handles (Trowel)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5874— Handles (Tub)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

STANLEY WORKS (Wrought Curved Plate), New Britain, Conn.
See adv index at end of book

Stephenson Mfg. Co., South Bend, Ind.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book

5875— Handles (Umbrella)

Ackerson, Pinkowitz & Sibulash, 247 Centre, New York

Estes E. B. & Sons (Also Parasol), 358 5th av, New York
See adv index at end of book

Levine P. & Co. (Gold & Silver), 247 Centre, N. Y.

Luxemburg & Haskell (Gold, Silver & Wood), 122 Centre, New York

Musser H. M. (With Gold & Silver Mounts), Lancaster, Pa.

Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

See adv index at end of book

5876—Handles (Vacuum Cleaner)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

5877— Handles (Valve)

See also Wheels, Valve

Eby F. B. Handle Co. (Wooden), 12th & Stanley, Detroit, Mich.

Estes E. B. & Sons (Steam), 358 5th av, New York
See adv index at end of book

Gallup Ruffing Handle Co., Norwalk, O.

Holton-Abbott Mfg. Co. ("Komtsplit," Wood-Metal Unitized), 59 Goram, West Somerville, Mass.

Jenkins Bros. (Wood, Brass, Tee & Wire), 82 White, New York

Matthews H. A. Mfg. Co. ("Always Cold" Metal, Wire Bound), Seymour, Conn.

Piqua Handle & Mfg. Co. (Wooden), P. O. Box 307, Piqua, O.

Standard Turning Works, Cambridge, Mass.

STILES H. A. & CO., 93-97 Oliver, Boston, Mass.
See adv index at end of book

Thayer & Harmon, Ashfield, Mass.

See adv index at end of book

5878— Handles (Wagon)

Searls Mfg. Co. (Milk, Express Vans, etc), 29 Mulberry, Newark, N. J.

5879—Handles (Wall Case Door)

Reflector & Hardware Specialty Mfg. Co. (Polished Brass), 2235 S Western av, Chicago, Ill.

See adv index at end of book

5879a—*Handles (Wall Scraper)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

See adv index at end of book

5879b— Handles (Wash Boiler)

Peterson F. W. Co., 68 Thomas, New York
See adv index at end of book

5879c— Handles (Whip)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5879d—Handles (Whisk Broom)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

5880—Handles (White Metal)

Krouse N. E. & Bro. (For Umbrellas, Canes, Whips, etc), Bridgeport, Conn.

5880a—*Handles (Window Brush)

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass.
See adv index at end of book

5881—Handles (Window & Shutter)

STANLEY WORKS (Wrought Steel), New Britain, Conn.

See adv index at end of book

5882— Handles (Wire Drop)

Clark W. J., Salem, O.
 New Standard Hardware Works, Mt. Joy, Pa.

Morgan Spring Co. ("Eclipse"), Worcester, Mass.

Stover Mfg. Co. (For Stoves, etc), Freeport, Ill.

5883— Handles (Wood)**ALABAMA.**

UNION SPRINGS—Caldwell-Edwards Handle Mills

ARKANSAS.

CALDWELL—Campbell J. M.
DERMOTT—Burleigh R. & Sons

FAYETTEVILLE—Charlesworth Wm.

Handle Co. ("Royal" Oak Axe & Hickory Axe Tool, etc, also "Tuffer" Handles)

FORT SMITH—Fort Smith Handle Co.

HOPE—Ivory Handle Co. (Hickory)

JONESBORO—American Handle Co. (Hickory)

Jonesboro Handle Co. (Farm Tool, Ash)

MARKED TREE—Turner T. J.

PARAGOULD—Hickson-Rogers Mfg. Co.

Paragould Handle Mfg. Co.

RECTOR—Kelly Handle Co.

CONNECTICUT.

CLINTON—Kelsey Horatio (Axe, Pick, Small Tools, etc)

EASTFORD—Keith J. M. & Co. (File, Chisel, etc)

Tatem J. M. Handle Co. (Pick & Sledge)

MADISON—Whedon Webster D.

PEQUABUCK—Allen Chas. I. (File, Chisel, Screw-Driver, etc)

PINE MEADOW—Chapin-Stephens Co. (Plane, Saw, Chisel & File)

PUTNAM—Tatem J. B. & Son (Chisel, Lawn Mower, Leather Capped)

SALISBURY—Salisbury Cutlery Handle Co. (Cutlery)

SEYMOUR—Swan Jas. Co. (Auger, Bit, Chisel)

SOUTH WINDHAM—Windham Handle Co. (Oak, Hickory & Ash, Axe, Pick, Chisel, File, etc)

SOUTHINGTON—Peck, Stow & Wilcox Co.

Southington Mfg. Co.

TORRINGTON—Union Hardware Co.

WALLINGFORD—Ives W. A. Mfg. Co. (Auger)

GEORGIA.

ATLANTA—Atlanta Woodenware Co. (Axe, Broom, etc)

DARIEN—Altamaha Woodworking Co.

ROME—Towers & Sullivan Mfg. Co. (Plane)

SAVANNAH—Deutch Arthur (Axe)

TURNED WOOD WORK HICKORY HANDLES, VALVE WHEELS, SHOOKS, LOCK CORNER BOXES, VENEER, ETC.

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CHICAGO—Borgeson C. E., 1775 Wilson av
Cassaday Fairbank Mfg. Co. (For Small Tools, etc), 6126 S La Salle
CHICAGO HEIGHTS—Hartwell Bros. (Pick & Sledge)

INDIANA.

ALTON—Peckinpaugh, Harrison & Co.
AUBURN—Auburn Handle Co.
BLUFFTON—Buck J. M. & Co.
COLUMBUS—Columbus Handle & Tool Co.
CORUNNA—Reynolds Bros.
DECATUR—Lafontaine Handle Co.
FORT WAYNE—National Handle Co.
GREENCASTLE—Bittles Raser (D. Handles)

INDIANAPOLIS—Atkins E. C. & Co. (Cross Cut Saw)
Udell Works (Brush, Duster, etc)

KOKOMO—Buck D. & Co. (Ash)
LEBANON—Wilcox Bros. Mfg. Co.
LOGANSPOUT—Hillock & Pitman Co. (All Kinds)

MARION—Marion Handle & Mfg. Co.
MONTPELIER—Jackson Shovel & Tool Co. (Shovel, Spade, etc)

MOORES HILL—Bigney Marion E.
MUNCIE—Griffith G. V. & Son
NEWCASTLE—Bond W. C. (D. Handles)
Jennings S. P. & Sons

NEW HAVEN—Schnitker & Sons Co.
Sperry Mfg. Co.

SOUTH BEND—South Bend Dowel Works
Stephenson Mfg. Co.

TERRE HAUTE—Terre Haute Handle Co. (Shovel, etc)

VINCENNES—Indiana Handle Co.
WINCHESTER—Boltz B. F. Mfg. Co.

IOWA.

OTTUMWA—Lindsay Mfg. Co.

KENTUCKY.

LOUISVILLE—Turner, Day & Woolworth Handle Co. (Axe, Pick, Sledge, Hammer, Hatchet & Mining Tool)
NEW HAVEN—Greenwell N. Lumber Co.
RED LICK—Cummins & Co.

MAINE.

DIXFIELD—Stowell N. S. & Co. (Small Tools, etc)

EAST HIRAM—Flint N. R. (Axe)
ELLSWORTH—Ellsworth Hardwood Co.

FREEDOM—Freedom Lumber Co.
FRYEBURG—Cook A. W. (Chisel, etc)

HIRAM—Cotton Lemuel & Son (Axe, etc)
LEWISTON—Lewiston Handle Co. (Shovel, Spade, etc)

NORWAY—Novelty Turning Co. (Knife, File, Small Tool, Lather & Stencil Brush, etc)

ROXBURY—Swain & Reed
STRATTON—Stratton Mfg. Co. (Turned Wood)

WEST PARIS—Mann Lewis M. & Son

MARYLAND.

BALTIMORE—Dittmar John & Sons, 800 E Pratt

MASSACHUSETTS.

ALLSTON—Doane Mfg. Co. ("Doctor")
ASHFIELD—Thayer & Harmon (Bit Brace Heads & Handles, Wrench)

BOSTON—Ames Shovel & Tool Co., Ames bldg
Harvey H. H. Mfg. Co. (Hammer, Pick, Sledge, etc), 15 Sherman

Nashua Spool & Bobbin Co. (All Kinds & Sizes), Grove Hall Sta., Boston, Mass.

North American Handle Co. (Hickory Axe, Pick, Sledge & Hammer)
Fort Hill sq

STILES H. A. & CO., (Broom, Mop; Tool, Valve, Plain, Enameled, Polished, etc), 93-97 Oliver

See adv index at end of book
CAMBRIDGE—Standard Turning Works

CHARLEMONT—Frary Mfg. Co.
FITCHBURG—Brown Enamel Works

Cushing S. G. & Son, 29 Newton pl
Fitchburg Enamel Co.

Mossman Jerome (Est. of)
Simonds File Co. (File)

GREENFIELD—Rugg Mfg. Co. (Rake Ash, Hoe & Hardwood Broom, Bush, Mop, etc)

LEOMINSTER—Sun Enamel Works
PLAINFIELD—Willcutt G. L.

WATSON—Thayer Geo. A. (Mechanical Tool Handles, Gauge Cocks & Radiator Valve Handles)

WEST CHESTERFIELD—Healy's S. A. Sons (Plane & Saw)

WESTFIELD—Fuller J. J.
WEST MILLBURY—Glover H. W.

MICHIGAN.

ALBA—Jones B. E. Mfg. Co. (Broom, etc)
Nichols A. W.

BELLAIRE—Richardi & Bechtold
CADILLAC—Cadillac Handle Co. (Broom, Torch, etc)

COLDWATER—Hellenberg J. B. Co. (Mallet, Rammer, etc)

DETROIT—Eby F. B. Handle Co. (Lubricators, Gas Cocks, Valves, etc), 12th & Stanley

ESCANABA—Escanaba Mfg. Co. (Broom Mop)

EVART—Davy & Co.
FREEPORT—Cheesebrough Thos. E. (Rake)

LUCAS—Kelly D. B.
LUDINGTON—Handy Things Mfg. Co. (Brush Duster, Small Tool, etc)

LYONS—Lyons Handle & Furniture Co.
NADEAU—Nadeau Bros.

NEWAYGO—Rowe Henry Mfg. Co. (Turned)

ONAWAY—Lobdell Emery Mfg. Co. (Broom Handles)

OWOSSO—Zimmerman J. N. (Hickory)
PARK LAKE—Du Roy Mfg. Co.

VANDERBILT—Olds & Hixson (Brooms)
YPSILANTI—Dickinson Chas. W. (Pick & Sledge)

MINNESOTA.

MINNEAPOLIS—Curtis-Yale-Howard Co. (Carpet Beater, Egg Beater, etc), 1805 S E 5th

MISSISSIPPI.

MATHISTON—Buckingham W. J. & Son
SARDIS—Carrier Lbr. & Mfg. Co.

MISSOURI.

DES ARC—Graves & Stamp (Hickory, Axe, Pick, Sledge, Hatchet, Hammer, etc)

DEXTER—I. X. L. Handle Mfg. Co. (Pick & Sledge)

GIDEON—Gideon-Anderson Lbr. & Merc. Co.

HUNTSVILLE—Huntsville Handle Mfg. Co.

JACKSON—La Pierre-Sawyer Handle Co.
MALDEN—U. S. Cooperage Co.

MOREHOUSE—Himmelberger-Harrison Lumber Co. (Mop, etc)

POPLAR BLUFF—Hanna & Young Handle Co.

Send Corrections and Additions to the Publishers

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Poplar Bluffs Handle Works
 PUXICO—Fulkerson Bros. Handle Co.
 ST. LOUIS—Cupples Samuel Woodenware Co. (Hickory), 7th & Spruce
 Keller & Tamm Mfg. Co. (Axe, etc), Victor & Levee
 Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust
 WYACONDA—Morgan Mfg. Co. (Axe, Pick, Sledge, Maul, Hammer, Hatchet, etc)

NEBRASKA.

LINCOLN—Lee Broom & Duster Co. (Broom, Duster, etc.)

NEW HAMPSHIRE.

EPPING—Epping Handle Co.
 KEENE—Ellis Austin A. (Brush)
 Pierce F. B. Co. (Brush)
 MANCHESTER—Piper B. H. Co. (Axe, etc)
 MILFORD—Peirce W. E. & Co. (Pick, Sledge, Hammer, Chisel, Tool, etc.)
 NEW DURHAM—Gem Mfg. Co. (Wood Turning & Enameling Div.)
 (Brush Enameled & Plain, etc.)
 NORTH WEARE—Flanders Hardware Co.
 RUMNEY—Keniston Geo. D. & Son
 WOLFEBORO FALLS—Berry O. P. Co.

NEW JERSEY.

HOBOKEN—Bantz Bros. (Brush, etc)
 NEWARK—Kohaut John C, 114 N. J. R. R. av
 Sommer John Faucet Co., 355 Central av
 SINGAC—Sanderson Robt. (Brush)

NEW YORK.

ADDISON—Harrison Jas. S. & Co.
 AMSTERDAM—American Broom & Brush Co. (Broom)
 Amsterdam Broom Co. (Broom & Mop)
 AUBURN—Cady Mfg. Co.
 BLEEKER—Ellis & Smith (Broom)
 Peters' John M. Sons
 BRASHER FALLS—Hulburd S. W. (Broom)
 BUFFALO—Jackson & Tindle (Broom)
 HANCOCK—Fish G. R.
 Williams H. A. (Est. of)
 NEW YORK—American Woodworking Co., 19 Warren
 Bogert & Hopper (All Kinds of Small), 67 Barclay
 Crane & MacMahon, 10 Bridge
 ESTES E. B. & SONS (All Kinds & Sizes for Every Purpose), 358 5th av. See adv index at end of book
 N. Y. Mallet & Handle Works, 742 E 11th

F. W. PETERSON CO.

68 Thomas St. New York

ROUND FLAT OCTAGON HANDLES

For Tools Brushes, Household or Hollow Ware
 Plain, Polished, Enameled, Stained in Colors
 Mill—N. Y., Penn. & N. E. States

Schutz Bros., Inc., 71 W B'way
 Standard Handle Co., 8 Peck st.
 United Handle Mills (Hickory & Ash), 17 Battery pl
 VELLVILLE—American Novelty Works (Fan & Fly Swatter)

NORTH CAROLINA.

CONOVER—Hickory Handle & Mfg. Co.
 WILMINGTON—Levering Mfg. Co.

OHIO.

AKRON—Baker, McMillen Co. (Screw Driver, File, Duster, Small Tool)
 Kile Mfg. Co. (Hickory Hammer, Hatchet & Toy)
 ALLIANCE—Buckeye Handle, Gear & Bending Co.
 BELLEVUE—Ohio Cultivator Co.
 BROADWAY—Goff W. H.
 BRYAN—Ash & Willey
 BUTLER—Richland Handle Co.
 CANFIELD—Canfield Mfg. & Novelty Co.
 CLEVELAND—American Fork & Hoe Co. (Fork, Rake, Hoe, Shovel, Spade, etc)
 National Handle Co. (Broom, Fork, Hoe, Rake, Spade, etc)
 Osborne Mfg. Co. (For Push Brooms), 5405 Hamilton
 COLUMBIANA—Columbiana Mfg. Co.
 COLUMBUS—Union Fork & Hoe Co. (Hoe, Rake, etc.)
 COLUMBUS GROVE—Jones J. F. Sons (Shaved)
 DAYTON—Dayton D Handle Co. ("D")
 DELPHOS—Schaffer J. C.
 EATON—Hiestand & Co.
 EDON—Sheline E. R. & Son
 FINDLAY—National Handle Co.
 GALION—Galion Handle & Mfg. Co.
 GENEVA—Smith J. B. (Tool)
 HICKSVILLE—Crook Son & Co.
 Hicksville Handle Co.
 Miller Mfg. Co.
 LIMA—Selfridge O. B. Co.
 MARYSVILLE—Lentz' C. F. Sons
 MESOPOTAMIA—Noble E. L.
 MONROEVILLE—Yingling Bros. & Co.
 NAPOLEON—Napoleon Lumber & Handle Co.
 NEW BREMEN—Brockie J. W.
 Clark Allen & Co.
 NORWALK—Gallup Ruffing Handle Co. (Special, File, Sad Iron, Valve, etc)
 McCrillis Handle Co. (Pick)
 PIQUA—Piqua Handle & Mfg. Co. (Rake, Fork, Hoe, Chisel, File, Auger, Screw Driver, etc), P. O. Box 307
 U. S. Handle Co.
 SANDUSKY—Sandusky Tool Co. (Saw, Plane, File, Chisel, Awl, Auger, Cross-Cut Saw, etc)
 SIDNEY—Benjamin C. W.
 SPENCERVILLE—Reynolds, W. A. Lumber Co.
 SPRINGFIELD—Bryant Mfg. Co.
 VALLEY CITY—Wood Frank V.
 WAPAKONETA—Standard Churn Co. (Hay, Rake, Hoe & Broom)
 WASHINGTON C. H.—Washington Handle Co.
 Washington Mfg. Co.

OREGON.

PORTLAND—Portland Basket & Handle Co.

PENNSYLVANIA.

BEDFORD—McLaughlin J. L. & Sons (Axe)
 BETHLEHEM—Strock L. W. & Co. (Chisel, Hammer, Hatchet, Axe, Pick, Sledge, File, Eyeless Pick, etc)
 CORRY—Mahle C. A. & Son (Ltd.) (For Small Tools)

CORYDON—Keystone Handle Co.
 ELDRED—Prouty C. & Co. (Cross-Cut, Cant Hook, etc)
 ELKLAND—Sheldon H. Mfg. Co. (Fan & Fly Swatter)
 ERIE—Ely T. J. Mfg. Co. (Cross Cut, Saw & "D", etc)
 Erie City Mfg. Co. ("Arrow" Cross-Cut Saw, Mop)
 HOWARD—Howard Handle & Spoke Co.
 KANE—Holgate Bros. Co. (Brush)
 KINZUA—Sheldon Handle Co.
 LAKE COMO—Williams H. A.
 MOUNTAIN EAGLE—Leathers Earl H.
 NORRISTOWN—Brusher J. B. (Axe, Pick, Sledge, Hammer & Hatchet)
 PASSER—Hottel Benjamin K.
 PHILADELPHIA—Weber Chas., 234 Ionic
 PICTURE ROCKS—Handle & Excelsior Co.
 QUAKERTOWN—Landis S. H. & Bro.
 READING—Reading Wood Pulley Co.
 TITUSVILLE—Tittusville Handle Co. (Axe, Pick, Sledge Hammer, Hatchet & Cant Hook)
 UNION CITY—Cafisch Fred (Pick & Sledge)
 Clark Haniel & Son (Shovel)
 Novelty Wood Works Co. (Small Tool)
 WARREN—Peterson Samuel (Ash & Hickory, Axe, Pick, Sledge, Mining, etc)

RHODE ISLAND.

PROVIDENCE—American Enamel Co.
 Narragansett Machine Co.
 PAWTUCKET—BLISS R. MFG. CO.
 (O'Neil J. H., Jr., successor)

ESTABLISHED 1832

HANDLES

CHISEL (all kinds), AUGER, TOOL, SCREWDRIVER, FILE, AWL, ETC.

R. BLISS MFG. CO.
 J. H. O'NEIL, JR., SUCCESSOR TO
 PAWTUCKET, R. I., U.S.A.

APPLY TO TREE OR HICKORY CHISEL HANDLES

TENNESSEE.

BAXTER—Isbell J. A.
 CHATTANOOGA—American Mfg. Co. ("D")
 COOKEVILLE—Gregory T. J. Handle Works
 DICKSON—Leathers A. H. Handle Co.
 ERIN—Goodwin L. P. (Axe, etc)
 HARRIMAN—Harriman Mfg. Co.
 JOHNSON CITY—Harris Mfg. Co. (Plow)
 JOHNSONVILLE—Keystone Handle Co.
 KNOXVILLE—Colonial Handle Co. (Hickory)
 LAWENCEBURG—Wylie A. P. Mfg. Co.
 McMINNVILLE—Burroughs-Ross-Colville Co.
 MANCHESTER—Manchester Mfg. Co.
 MEMPHIS—Bayless Mfg. Co. (Hickory, Ash, Gum, Oak)
 Willingham E. G. (Hickory)

Established 1847

E. B. ESTES & SONS

Manufacturers of

TOOL HANDLES—SCREW DRIVER, AWL, Etc.

Also Handles for Household Utilities and Hollow Ware, Plain, Polished or Enameled in any Style.

358 5th AVE., NEW YORK CITY

NASHVILLE—Nashville Spoke & Handle Mfg. Co. (Axe, Chisel, Pick, Sledge, Farming, Tool, etc.)
 SEQUATCHIE—Sequatchie Handle Works
 TULLAHOMA—Campbell M. R.

VERMONT.

BELLOWS FALLS—Derby & Ball (Fork, Scythe, Snaths, etc.)
 BURLINGTON—Vermont Shade Roller Co. (Mop)
 EAST BARNET—Roy Bros.
 WEST ARLINGTON—Williams & Marshall

VIRGINIA.

COLUMBIA—Baker H. P. & Co.
 FARMVILLE—Farmville Mfg. Co. (Plow)
 FRONT ROYAL—Stossel Carl & Co.
 JETERSVILLE—Warriner R. B.
 MARION—Look & Lincoln (Plow)
 RICHMOND—Brinsler E. C. Sons
 ROUND HILL—Marcus J. L. Moatz D. L.

WEST VIRGINIA.

BERKELEY SPRINGS—Crosfield W.
 CHARLESTON—Kelly Handle Co. (Axe)
 Ohio Tool Co. (Chisel, File, Plane, Auger, etc.)
 HUNTINGTON—Huntington Handle Co.

WISCONSIN.

CAMERON—Oak Grove Handle Co.
 OSHKOSH—Oshkosh Mfg. Co. (Hard Maple, Axe, Sledge, Pick, Maul, etc.)
 WAUSAU—Curtis & Yale Co. (Carpet Beater, Egg Beater, etc.)

5883a—*Handles (Wrench)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

5884—*Handles & Rollers (Lawn Mower)

ESTES E. B. & SONS, 358 5th av, New York
See adv index at end of book

5885—Hands (Clock & Watch)

Winn J. H. Sons, Winchester, Mass.

5886—Handspikes

American Logging Tool Co., Evart, Mich.
 Oshkosh Mfg. Co. (Wood Handle), Oshkosh, Wis.

5886a—*Handtraps (for Throwing Clay Targets)

du Pont E. I. de Nemours & Co. ("Du Pont"), Wilmington, Del.
For branch offices see adv index at end of book

5886b—*Hangars (Airplane)

Pruden C. D. Co., Warner & Dock, Baltimore, Md.

Hangars (Arc Lamp)

See Insulators, Arc Lamp

5887—Hangars (Building Bracket)

Wagner Mfg. Co., Cedar Falls, Ia.

5888—Hangars (Cable)

See also Hangars, Electric Cable
 Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

Hangars (Clothes)

See Hangars, Garment

5889—Hangars (Concrete)

Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
 Flagg Stanley G. & Co. (Mall. Iron), Morris bldg, Phila., Pa.
 Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Mulvey Mfg. Co. (Block Joist), 1840 Carroll av, Chicago, Ill.
 Perkins Appliance Co., Springfield, Mass.

5890—Hangars (Conductor Pipe)

See also Hangars, Eave Trough
 Iwan Bros. (Wire), South Bend, Ind.
 Klauer Mfg. Co., Dubuque, Ia.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
 Milwaukee Corrugating Co., Milwaukee, Wis.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Reeves Mfg. Co., Dover, O.
 Wheeling-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

5891—Hangars (Conduit)

Appleton Elec. Co., 224 N Jefferson, Chicago, Ill.
 Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
 Columbia Metal Box Co., 226 E 14th, New York
 Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.
 Free & Mason, 81 Beekman, New York
 Fralick S. R. & Co., 15 S Clinton, Chicago, Ill.
 General Electric Co., Schenectady, N. Y.
See adv index at end of book
 Grabler Mfg. Co., 6565 B'way, Cleveland, O.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Ill. Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
 Kales-Haskel Co., 459 Lafayette W, Detroit, Mich.
 Lanz, M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Leahy, John J., 48 Dey, New York
 Lovell F. H. & Co., Arlington, N. J.
 Minerallac Elec. Co., 1045 Washington blvd, Chicago, Ill.
 North Western Stamping Co., Burlington, Ia.
 Pass & Seymour, Solvay, N. Y.
 Star Metal Box Co., 507 W 19th, New York
 Thomas & Betts Co., 103 Hudson, New York
 Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.
 Wrigley Thomas Co., 416 S Dearborn, Chicago, Ill.

5892—Hangars (Cut-Out)

Brady Elec. Mfg. Co., New Britain, Conn.
 Cutter Geo. Co., South Bend, Ind.
 High Tension Elec. Spec. Co. Newton, Mass.
 Metropolitan Engng. Co., 35 Vestry, New York
 Phila. Elec'l & Mfg. Co., 1236 N 31stst, Phila., Pa.
 Thompson Electric Co. ("Thompson" Safety Automatically cuts out any Lamp in a Multiple Circuit, & lowers it), 5606 Euclid, Cleveland, O.

5893—Hangars (Cycle)

Lane Bros. Co., Poughkeepsie, N. Y.

5894—Hangars (Eave-Trough)

Abbott Mfg. Co. ("New Peerless," Galvanized), Cleveland, O.
 American Rolling Mill Co., Middletown, O.
 Andrews Wire & Iron Works, Rockford, Ill.
 Badger Steel Roofing & Corrugating Co., La Crosse, Wis.
 Bell J. W. Co., Mercer, Pa.
 Berger Bros. Co., 229 Arch, Phila., Pa.
 Berger L. D. Co., 59 N 2d, Phila., Pa.
 Berger Mfg. Co. (Steel & Wire), Canton, Ohio
 Bostwick Steel Lath Co., Niles, O.
 Cambridge Roofing Co., Cambridge, O.
 Canton Art Metal Co., Canton, O.
 Canton Cornice & Skylight Co. ("Batdorff's"), Canton, O.
 Clark-Smith Hardware Co. ("Peoria"), Peoria, Ill.
 Delphos Mfg. Co., 1st & Pierce, Delphos, O.
 Dowman-Dozier Mfg. Co., Atlanta, Ga.
 EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Eller Mfg. Co., Canton, O.
 Eureka Fence Mfg. Co. ("Richmond" Adjustable), Richmond, Ind.

Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.
 Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.
 Harman Eave Trough Hanger Co., New Philadelphia, O.
 Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.
 Horan Stay Hanger Co., 1932 W Jefferson, Louisville, Ky.
 Iowa Ditching Machine Co. ("Taft"), Mt. Pleasant, Ia.
 Joliet Mfg. Co., Joliet, Ill.
 Klauer Mfg. Co., Dubuque, Ia.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
 Messenger & Parks Mfg. Co., Aurora, Ill.
 Milwaukee Corrugating Co., Milwaukee, Wis.
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
 Reeves Mfg. Co. ("Dover" Wire), Dover, O.
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
 Tiffin Art Metal Co., 20 Broad, Tiffin, O.
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Eave Trough & Conductor Pipe Fittings), Wheeling, W. Va.
 Wusterbarth Bros., Meriden, Conn.

5895—Hangars (Electric Cable)

Allen Iron & Steel Co., 3d & Venango, Phila., Pa.
 Anderson Albert & J. M. Mfg. Co. (Feed Wire Insulators), 289 A, Boston, Mass.
 Anderson Forge & Machine Co. (Manhole Cable), Detroit, Mich.
 Anderson W. H. Tool & Supply Co. (For Manholes), Brush & Macomb, Detroit, Mich.
 Appleton Elec. Co., 224 N Jefferson, Chicago, Ill.
 Baugh Cable Clip Co., Hopkinsville, Ky.
 Bissell F. Co., Toledo, O.
 Bonita Mfg. Co., Hancock & Columbia, Phila., Pa.
 Cameron Appliance Co. ("Locke"), Everett, Mass.
 Condit Electrical Mfg. Co. ("Boston"), 1st & L, Boston, Mass.
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.
 Copeland H. P. ("H-I"), 30 Church, New York
DIAMOND EXPANSION BOLT CO.
 ("Long-Saut"), 89 West, New York
See adv index at end of book
 Electric Service Supplies Co., 17th & Cambridge, Phila., Pa.
 Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Phila., Pa.
 Eureka Supply Co., Sewell, N. J.
 Fletcher Mfg. Co. (Iron Insulated, etc.), Dayton, O.
 Hallett Iron Works, Harvey, Ill.
 Harvard Elec. Co., 525 Van Buren, Chicago, Ill.
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
 Krantz Mfg. Co. ("Tower"), 160 7th, Brooklyn, N. Y.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Lingle Mfg. Co., Clinton, Mo.
 Michigan Bolt & Nut Works, Detroit, Mich.
 Minerallac Electric Co., 1045 Washington blvd, Chicago, Ill.
 National Telephone Supply Co. ("Universal"), Cleveland, O.
 Norton W. T., West Park, O.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pettingell-Andrews Co. ("O'Neill"), 166 Pearl, Boston, Mass.
 Reliable Elec. Co., 411 S. Sangamon, Chicago, Ill.
 Rhode Island Telephone & Electric Co. ("Wright"), 55 Pine, Providence, R. I.
 Standard Underground Cable Co. ("Nurdyke" Supports), Pittsburgh, Pa.
 Star Expansion Bolt Co. ("Star"), 147 Cedar, New York
 Steel City Elec. Co., 1207 Columbus av, Pittsburgh, Pa.
 Wrigley Thos. Co. 416 S Dearborn, Chicago, Ill.

5896— Hangers (Garment)

American Mfg. Concern (Adv.), Falconer, N. Y.
 Andrews Wire & Iron Works ("And-rock" "Ideal," Trousers, Garment, etc.), Rockford, Ill.
 Belmar Mfg. Co., Canton, Pa.
 Bogert & Hopper (Wooden), 67 Barclay, New York
 Brager B. & Sons (Combination Wood & Wire), 84 5th av, New York
 Brooks M. S. & Sons (Folding Coat), Chester, Conn.
 Buckingham Rae Co., 208 S La Salle, Chicago, Ill.
 Caldwell Mfg. Co., ("Up-to-Date"), Rochester, N. Y.
 Canham Victor H. & Co., Buffalo, N. Y.
 Cassidy Fairbank Mfg. Co. (Skirt, Trousers, Coat, etc., "Ruby," "Euclid," "Columbia," "Mathews," "Ely," "Jerrems"), 6126 S La Salle, Chicago, Ill.
 Chicago Form Co., 175 W Jackson blvd, Chicago, Ill.
 Collapsible Form Hanger Co., 107 W 25th, New York
 Columbia Mfg. Co., Easthampton, Mass.
 Conn A. H., Cedar Rapids, Ia.
 Dawson J. R. Mfg. Co., 3646 N Lawrence, Phila., Pa.
 Eclipse Co. (Wooden), N Girard, Pa.
 Estes E. B. & Sons, ("Peerless," "Trauzerak"), 358 5th av, New York
See adv index at end of book
 Fischer Bros. & Corwin (Folding, etc), 238 South, Newark, N. J.
 Forsyth Metal Goods Co., E. Aurora, N. Y.
 Freshour Henry C. ("Perfect"), Bridgeport, Conn.
 Greenwald Display Fixture Co., 234 5th av, New York
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Hampden Toy Co. ("Paragon De Luxe"), Westfield, Mass.
 Hinchey Mfg. Co. ("Peerless"), Washington, Ind.
 Hutchins-Kilbourne Co. ("Eureka," "Multiple" Skirt & Trousers "Model," "Perfection" "Chief" Trousers, Coat, etc, Steel, Wire & Wood), Buffalo, N. Y.
 Jencks E. Mfg. Co. (Coat, Trousers, Folding, etc), Worcester, Mass.
 Jenkinson R. C. & Co. (Wire Coat, etc), 293 Washington, Newark, N. J.
 Keonig D. B. & Co., Hazelton, Pa.
 L. A. W. Novelty Co. ("Buxton" Folding), Springfield, Mass.
 Lewald F. & Co. ("Itsaezle"), 206 W Adams, Chicago, Ill.
 Morgan Spring Co. (Folding), Worcester, Mass.
 Nagely John, Toledo, O.
 National Hanger & Fixture Mfg. Co. ("Faultless"), 496 E 134th, New York
 National Mfg. Co. (Wire, "Natwire"), Worcester, Mass.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Parkesburg Stamping & Mfg. Co. (Wire), Parkesburg, Pa.
 Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.
 Pullman Mfg. Co. (Rods & Loops ("Pullman-Rochester"), Rochester, N. Y.
 Racine Iron & Wire Works (Coat), Racine, Wis.
 Rocky Hill Hardware Co. ("Leader," "Delespo," "Duplex"), Rocky Hill, Conn.
 Sachnoff G. & Co. (Wire), 356 W B'way, New York
 Seed Filter & Mfg. Co. ("Victor"), 96 Church, New York
 Standard Fibre Co. (Fibre Coat Hangers), Miller st, Somerville, Mass.
 Taplin Mfg. Co. ("Victor" Folding), New Britain, Conn.
 Taylor Mfg. Co. ("Taylor," All Kinds), Princeton, Ind.
 Thurman Mfg. Co., Madera, Cal.
 Timberlake J. B. & Sons (Wire), Jackson, Mich.
 Troy Wire Goods Co., Troy, N. Y.
 U. S. Lock & Hardware Co., Columbia, Pa.
 West Electric Hair Curler Co. ("Elco"), Hancock & Columbia, Phila., Pa.
 West Lafayette Mfg. Co. (Coat), West Lafayette, O.
 Wire Goods Co., Worcester, Mass.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

Wisconsin Textile Mfg. Co., Two Rivers, Wis.
 Woods-Sherwood Co. (Wire), Worcester, Mass.

5896a— *Hangers (Gate)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

5897— Hangers (Harness)

Berry Chas. E. ("Berry's" for Swing Harness for Fire Dep'ts, etc.), Somerville, Mass.
 Imperial Bit & Snap Co. ("Imperial") Racine, Wis

5898—Hangers (Hinge & Rail)

Grabler Mfg. Co. (Forged, etc.), Cleveland, O.
MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O.
See adv index at end of book
 Safety Door Hanger Co., Ashland, O.

5899— Hangers (Joist)

Bethlehem Steel Co., So. Bethlehem, Pa.
 Chesapeake Iron Works, Westport, Baltimore, Md.
 Chicago Builders' Specialties Co., 11 S La Salle, Chicago, Ill.
 Clark W. J. Co. ("Lane"), Salem, O.
 Columbian Hardware Co. ("Cleveland," "Buckeye"), Cleveland, O.
 Decatur Cornice & Roofing Co., New Decatur, Ala.
 Duplex Hanger Co. ("Duplex"), E 53d & Lakeside av, Cleveland, O.
 Ernst C K, Buffalo, N. Y.
 Ernst's Chas. F. Sons (Steel), Buffalo, N. Y.
 Goetz Box Anchor Co., New Albany, Ind.
 Grabler Mfg. Co. (Forged), Cleveland, O.
 Hastings Foundry & Iron Works, Hastings, Neb.
 Hughes F. L. & Co., Rochester, N. Y.
 Ideal Hanger Co., Cleveland, O.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Lane Bros. Co., Poughkeepsie, N. Y.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.
 National Iron & Wire Co. (Steel), Cleveland, O.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Philips A. A. Jr, 2219 Pitkin av, Brooklyn, N. Y.
 Republic Structural Iron Works Co., Cleveland, O.
 Riesack Iron Works (Wrought Steel), 1201 Metropolitan, S. Pittsburgh, Pa.
 St. Louis Wire & Iron Co., St. Louis, Mo.
 Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
 Smith A. L. Iron Works, Chelsea, Mass.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Standard-Tylor Co., 2436 W 15th, Chicago, Ill.
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
 Trussed Concrete Steel Co. (Kahn System), Youngstown, O.
TYLOR W. S. CO., Cleveland, O.
See adv index at end of book
 Van Dorn Iron Works Co. (Steel), 2700 E 79th, Cleveland, O.
 Variety Mfg. Co. ("Mulvey"), 2958 Carroll av, Chicago, Ill.
 Western Iron & Foundry Co., Wichita, Kans.

5900—Hangers (Messenger)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Joslyn Mfg. & Supply Co., Chamber of Commerce bldg, Chicago, Ill.

5901— Hangers (Mine)

Electric Railway Equipment Co. ("Black Diamond"), Cincinnati, O.
 Electric Service Supplies Co. ("Key-stone"), 17th & Cambria, Phila., Pa.
 Ohio Brass Co., Mansfield, O.

Hangers (Picture)

See Hooks, Picture

5902— Hangers (Pipe)

Acme Mfg. Co. ("Acme," Brass), Bangor, Me.
 Badger Brass Mfg. Co., Kenosha, Wis.
 Barrett Jas. Mfg. Co. (Brass), 117 Pearl, Boston, Mass.
 Beaton & Cadwell Mfg. Co. ("A. J. Beaton's," "Jumbo" Malleable Iron, Steel and Galvanized Band), New Britain, Conn.
 Beaton & Corbin Mfg. Co., Southington, Conn.
 Berger Bros. Co., 229 Arch, Phila., Pa.
 Billings D. & Co. ("Perfect"), 762 Dudley, Boston, Mass.
 Blake Specialty Co., Rock Island, Ill.
 Cann & Saul, 516 Commerce, Phila., Pa.
 Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Crawford Co., 846 S Canal, Chicago, Ill.
 Cryer T. B. Co., 249 High, Newark, N. J.
 Devlin Thos. Mfg. Co. ("Kane," "National"), 3d & Lehigh av, Phila., Pa.
 Donovan D. A. ("Dad"), Auburn, N. Y.
 Eagle Metal Works ("McShane," "Concealed Screw"), 127 Purchase, Boston, Mass.
 Fee & Mason (Iron & Brass), 81 Beekman, New York
 Flagg Stanley G. & Co. (Malleable Iron), Morris bldg, Phila, Pa.
 Foote J. B. Foundry Co., Fredericktown, O.
 General Fire Extinguisher Co., Providence, R. I.
 Glenn Fred E. ("Expansion Ring"), St. Charles, Ill.
 Grabler Mfg. Co. ("Grabler" Universal Extension, Split Ring, U., etc.), Cleveland, O.
 Haydenville Co., Haydenville, Mass.
 Hayes Pump & Planter Co. ("Dack"), Galva, Ill.
 Hoffmann B. Mfg. Co. (Expansion, etc), 257 6th, Milwaukee, Wis.
 Hoopes & Townsend Co., Broad & Buttonwood, Phila, Pa.
 Illinois Engineering Co. ("Eclipse"), 5021 S State, Chicago, Ill.
 Illinois Malleable Iron Co. ("Chicago"), 1801 Diversey blvd, Chicago, Ill.
See adv index at end of book
 Jarecki Mfg. Co. ("Erie"), Erie, Pa.
 Keating E. F. Co., 446 Water, New York
 Kelly & Jones Co. ("Jones" Expansion, etc.), 135 Water, Pittsburgh, Pa.
 Kenway P., Pearl, Boston, Mass.
 Kriebel & Co., 826 Spring Garden, Phila., Pa.
 Kupferle Jno. C. Foundry Co. (Expansion), 1st & Wright, St. Louis, Mo.
 Lane Ira G. Co. ("Away from the Wall"), 1077 3d av, New York
 Lange August K., 606 E 15th, New York
 McCullom George (Malleable), Muskegon, Mich.
 Modern Iron Works (Expansion or Ring Hooks, Quincy, Ill.
 Moore Joshua, Marseilles, Ill.
NASON MFG. CO. (Jobbers), 71 Fulton, New York *See adv index at end of book*
 National Supply Co., Toledo, O.
 National Tube Co. ("WESTERN" Expansion), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 Neptune Hardware Mfg. Co., 54 South, New York
 Newbury Jay H., Goshen, N. Y.
 Newbury Mfg. Co. (Adjustable Expansion, etc), Monroe, N. Y.
 Norman C. Erwin & Co. ("Cenco"), 18 W Kinzie, Chicago, Ill.
 Orcutt Pipe Hanger Co., Factory bldg, Toledo, O.
 Park & McKay, 55 Bagley av, Detroit, Mich.
 Peck Bros. & Co., New Haven, Conn.
 Penn. Engineering Co. ("Hanna" Ball Joint, Malleable Iron), 312 Cherry, Phila., Pa.
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
 Robinson Mfg. Co., Cleveland, O.
 Rockwood Sprinkler Co. ("Worcester" Adjustable Clips), Worcester, Mass.
 Rutzler Enoch Co. ("Universal"), 404 E 49th, New York

Simmons John Co. ("American," "Netherland"), 110 Centre, New York
 Sproul & McGurrin Co. ("I. X. L."), Grand Rapids, Mich.
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
 Walworth Mfg. Co., Boston, Mass.
 Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.
 Wise J. B., Inc., Watertown, N. Y.
 Wolverine Brass Works, Grand Rapids, Mich.

5903—Hangers (Plate, Etc.)

Parker Wire Goods Co. (Sectional Wire), Worcester, Mass.

5904—Hangers (Ring Oiling)

American Tool & Machine Co., 10 High, Boston, Mass.
 Bond Foundry & Machine Co., Manheim, Pa.
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.
 Caldwell H. W. & Son Co. (Collar Oiling, Chain Oiling & Self-Oiling), 17th & Western av, Chicago, Ill.
 Caldwell W. E. Co., 2210 Brook, Louisville, Ky. *See adv index at end of book*
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Eastwood Benj. Co., Paterson, N. J.
 Great Western Mfg. Co., Leavenworth, Kan.

Hill Clutch Co., 1000 W 58th, Cleveland, O.
 Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
 Jones & Laughlin Steel Co. (Shaft Ring), Ross, Pittsburgh, Pa.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
National Foundry Mfg. & Supply Co. ("National"), Williamsport, Pa.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Rock Products Equipment Corp., 42 Church, New York
See adv index at end of book
 Salem Foundry & Machine Works, Salem, Va.

Valley Iron Works, Williamsport, Pa.
 Walker Mfg. Co., Denver, Colo.
 Webster Mfg. Co., Tiffin, O.
 Wood's T. B. Sons Co. ("B. & S."), Chambersburg, Pa.

5905—Hangers (Roller)

Grabler Mfg. Co. (For Wrought Iron Pipe, etc), Cleveland, O.

5906—Hangers (Roller & Ball Bearing)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Royersford Foundry & Machine Co. ("Sells"), Royersford, Pa.
 Valley Iron Works, Williamsport, Pa.

5907—Hangers (Self-Oiling)

American Tool & Machine Co. ("American," "Boston" & "Giant"), 10 High, Boston, Mass.
 Brightman Machine Co., Cleveland, O.
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.
 Brown & Sharpe Mfg. Co., Providence, R. I.
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.

DODGE SALES & ENGINEERING CO. (Capillary, Ring, Wick or Chain Oiling), Mishawaka, Ind.

Eastwood Benj. Co., Paterson, N. J.
 Falls Clutch & Machinery Co., Cuyahoga Falls, O.

Fay J. A. & Egan Co., Cincinnati, O.
 Great Western Mfg. Co., Leavenworth, Kan.

Hill Clnth Co., 1000 W 58th, Cleveland, O.
 Jeffrey Mfg Co., 961 N Fourth, Columbus, O. *See adv index at end of book*
 Jones & McLaughlin Steel Co., Ross, Pittsburgh, Pa.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Olney & Warrin ("Howard"), 406 Broome, New York

Royersford Foundry & Machine Co., Royersford, Pa.

Sprout, Waldron & Co., Muncy, Pa.

Valley Iron Works, Williamsport, Pa.

Walker Mfg. Co., Denver, Colo.

Webster Mfg. Co., Tiffin, O.

Woonsocket Machine & Press Co., Woonsocket, R. I.

5908—Hangers (Shaft, Ball Bearing)

Gurney Ball Bearing Co., Jamestown, N. Y.

Hess-Bright Mfg. Co. ("H. B.—D. W. F."), Front & Erie, Phila., Pa.

Hubbard Machine Co., Worcester, Mass.

Jeffrey Mfg Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

S. K. F. Ball Bearing Co. ("S. K. F. Self-Aligning"), Hartford, Conn.

Sprout, Waldron & Co., Muncy, Pa.

5908a—*Hangers (Shaft, Post, Bracket, Etc.)

See Also Power Transmitting Machinery
BOND FOUNDRY & MACHINE CO., Manheim, Pa.

5909—Hangers (Shaft, Pressed Steel)

BOND FOUNDRY & MACHINE CO., Bond Foundry & Machine Co. ("Lyte-strong"), Manheim, Pa.

Chain Belt Co., Milwaukee, Wis.

S. K. F. Ball Bearing Co. ("S. K. F. Ball Bearing"), Hartford, Conn.

Standard Pressed Steel Co. ("American Pioneer"), 20th & Clearfield, Phila., Pa.

5910—Hangers (Step & Running Board)

Bossert Corporation, The, Utica, N. Y.
See adv index at end of book

Chicago Drop Forge & Foundry Co., 447 Kensington av, Chicago, Ill.

Cleveland Hardware Co., Cleveland, O.

Columbus Bolt Works Co., Columbus, O.

Crosby Co., 183 Pratt, Buffalo, N. Y.

Detroit Pressed Steel Co., Detroit, Mich.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Harvard Electric Co., 525 W Van Buren, Chicago, Ill.

Keystone Drop Forge Works (For Car Steps, etc), Chester, Pa.

Rochester Pressed Steel Co. (Pressed Steel for Autos), Rochester, N. Y.

Worcester Pressed Steel Co., Worcester, Mass.

5911—Hangers (Storm Sash & Screen)

Butter G. A. ("Daisy"), 603 Mitchell, Milwaukee, Wis.

Dennis W. J. & Co. ("Dennis" Hall Screen), 2222 W Lake, Chicago, Ill.

Diehl Novelty Co. ("Diehl"), Glenbeulah, Wis.

Eagan Thos. F. Hardware Co., Worcester, Mass.

Frantz Mfg. Co., Sterling, Ill.

Kees F. D. Mfg. Co. ("Kees-Gossett"), Beatrice, Neb.

Kieffer Bros., Syracuse, N. Y.

Lawrence Bros., Sterling, Ill.

National Mfg. Co. (Automatic), Sterling, Ill.

Phenix Mfg. Co. ("Phenix"; also Fasteners), Milwaukee, Wis.

Rock City Mfg. Co. ("Jiffy"), Wabash, Ind.

Rowland Mfg. Co. (For Half Screens), Denver, Colo.

Sharon Hardware Mfg. Co. ("Sharon"), Sharon, Pa.

STANLEY WORKS ("Schroeder's Peerless" Hanger & Fastener), New Britain, Conn. *See adv index at end of book*

Wagner Mfg. Co. ("Wagner," for Screw & Storm Sash), Cedar Falls, Ia.

Watrous Acme Mfg. Co. ("Watrous" Screen Hanger), Des Moines, Ia.

Winter R. G. Mfg. Co. ("Sensible"), 2102 Vliet, Milwaukee, Wis.

Woodruff W. W. & Sons Co. ("Dolbers"), Mt. Carmel, Conn.

5912—Hangers (Trolley Wire)

Anderson Albert & J. M. Mfg. Co. (Straight Line & Curve Suspension), 289 A, Boston, Mass.

Creaghead Engineering Co. ("Creaghead" Armored Cap-Cone), 340 Main, Cincinnati, O.

Drew Electric & Mfg. Co., Indianapolis, Ind.

Electrical Railway Equipment Co. ("Universal"), Cincinnati, O.

Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.

Eureka Co., North East, Pa.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Phila. Electrical & Mfg. Co. ("Pemco" Catenary), 1236 N 31st, Phila., Pa.

Post-Glover Electric Co., 319 W 4th, Cincinnati, O.

WESTINGHOUSE ELECTRIC & MFG. CO. (Single & Double Catenary Construction), East Pittsburgh, Pa.

See adv index at end of book

5912a—Hangers (Window Screen)
STANLEY WORKS ("Schroeder's Peerless" Hanger & Fastener), New Britain, Conn. *See adv index at end of book*

5913—Hanks (Jib)

Parker Wire Goods Co. (Wrought Iron), Worcester, Mass.

5914—Hard Oil Finish

Anglo-American Varnish Co., 53 Johnston, Newark, N. J.

Allentown Mfg. Co., Allentown, Pa.

Berry Bros., Detroit, Mich.

Bridgeport Wood Finishing Co., New Milford, Conn.

Brooklyn Varnish Mfg. Co. ("K-a-u-r-i"), 35 Nostrand av, Brooklyn, N. Y.

Brooks Clarence & Co., 249 Chestnut, Newark, N. J.

Buckeye Paint & Varnish Co., Toledo, O.

Butcher Polish Co. ("Butcher's No. 3 Reviver"), 356 Atlantic av, Boston, Mass.

Chicago Varnish Co., 2100 Elston av, Chicago, Ill.

Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.

Devoe & Reynolds Co., Inc., 101 Fulton, New York

Felton, Sibley & Co., 136 N 4th, Phila., Pa.

Flood & Conklin Co., 132 Chestnut, Newark, N. J.

French Samuel H. & Co., 4th & Callowhill, Phila., Pa.

Gillespie Chas. H. & Sons, Dey, Jersey City, N. J.

Glidden Varnish Co., 1755 W Madison, Cleveland, O.

Harrisons (Inc.), 35th, cor Gray's Ferry rd, Phila., Pa.

Macneal Jas B. & Co., Warner & Wooster, Baltimore, Md.

Moller & Schumann, Marcy av, Brooklyn, N. Y.

Murphy Varnish Co., McWhorter, Newark, N. J.

O'Brien Varnish Co. (Light), South Bend, Ind.

Palmer-Price Co., 270 Chestnut, Newark, N. J.

Smith Edw. & Co., 127 West av, Long Island City, N. Y.

Standard Varnish Works (Gutta Percha), 2589 Richmond, Elm Park, N. Y.

Thurston F. W. Co., 1832 S Clark, Chicago, Ill.

Valentine & Co. ("Lauson"), 456 4th av, New York

5915—Hardeners (Concrete)

American Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.

Aquabar Co. ("Aquabar"), Real Estate Trust bldg, Phila., Pa.

Ceresite Waterproofing Co. (Flour), 110 S Dearborn, Chicago, Ill.

Corrugated Bar Co. (Floor Hardeners), Buffalo N. Y.

“A Word to the Wise”

Buyers will often save time

by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.



No. 1774 Stanley Garage Door Holder

STANLEY Wrought Hardware has been world famous for years. It now includes a complete assortment of

Stanley Garage Hardware

THIS garage hardware is especially designed, and is simple, strong and durable. Garage hardware can be purchased singly or in sets. It is adapted for wood, concrete, stone, brick and portable garages.

Above is illustrated the very popular Stanley Garage Door Holder, No. 1774. This holds the door open, preventing it from slamming and injuring the auto. It is a real necessity for every modern garage.

Other Stanley products are wrought steel and bronze butts, ball-bearing butts with non-rising pins, plain and corrugated strap and T hinges, door and window bolts, shelf brackets, thumb latches, door pulls, chest handles, ornamental hinges, blind trimmings, etc.

Largest manufacturers of wrought steel hardware in the world



NEW BRITAIN,

CONN., U.S.A.

New York
100 Lafayette St.

Chicago
73 East Lake St.

Federal Steel Cement Mills ("Federal" Steel Structural Cement), 2639 E 79th, Cleveland, O.
 General Fireproofing Co., Youngstown, O.
 Master Builders' Co., Cleveland, O.
 Smooth-On Mfg. Co. (Cement), 572 Communipaw av., Jersey City, N. J.
 Sonneborn L. Sons ("Lapidolith"), 262 Pearl, New York
 Vitrifix Co., 133 W Washington, Chicago, Ill.
 Wearcrete Engineering Co., People's Gas bldg, Chicago, Ill.

5916—*Hardening & Tempering

See Case Hardening; also Steel Hardening

5917— Hardies

Atha Tool Co. (Toes, etc), Chapel, Newark, N. J.
 Bradley G. W. Axe & Tool Mfg. Co., Newburg, N. Y.
 Champion Tool Co. ("Champion" Farriers, Round & Straight, also Blacksmiths'), Meadville, Pa.
 Evansville Tool Works (Straight & Circular Cut), Evansville, Ind.
 Heller Bros. Co. (Farriers), 879 Mt. Prospect av, Newark, N. J.

5918—Hardware (Builders' Rustless)

Art Hardware & Mfg. Co., Seattle, Wash.
 Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
 Columbian Hardware Co., Cleveland, O.
 Corbin P. & F., New Britain, Conn.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co. ("Russwin") New Britain, Conn.
 Sager Lock Co., No Chicago, Ill.
 Sargent & Co., New Haven, Conn.
 Yale & Towne Mfg. Co., 9 E 40th, New York

5919—Hardware from Architects' Designs

Corbin P. & F., New Britain, Conn.
 Jackson Wm. H. Company, 2 W 47th, New York
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sager Lock Co., No. Chicago, Ill.
 Sargent & Co., New Haven, Conn.
 Yale & Towne Mfg. Co., 9 E 40th, New York

5919a—*Hardware (Garage)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5920— Hardware Mfrs.

See also Hardware, Wholesale; also Hinge Manufacturers; also Lock Manufacturers; also Door Hangers; also Door Knob Manufacturers; also Sash Balance Manufacturers; also Nail Manufacturers; also Sash Weights; also Chains, Sash; also Cutlery Manufacturers, etc

CALIFORNIA.

LOS ANGELES—Pacific Hardware Mfg. Co. (Builders, etc.)
 Southern California Iron & Steel Co. (Pole Line)
 SAN FRANCISCO—John's Hanger Mfg. Co. (Patent Door Hangers), 709 Harrison
 Western Brass Mfg. Co., 217 Tehama

CONNECTICUT.

BEACON FALLS—Bronson Homer D. Co. (Brass Butts)
 BRIDGEPORT—Acme Shear Co. (Shears & Tinnern's Snips)
 American Specialty Co. (Cast & Wrought Brass)
 Artistic Bronze Co. (Builders, Cabinet, etc)
 Bridgeport Brass Co.
 Bridgeport Chain Co. ("Monarch", Bronze, "Bridgeport," Steel, Sash Chains, etc)
 Bridgeport Hardware Mfg. Corp.
 Burns & Bassick Co. (Cabinet)
 Cornwall & Patterson Co. (Piano & Organ)

Fray John S. Co. (Brace Bits)
 Hamilton & De Loss (Automobile & Cabinet)
 Hotchkiss Edw. S. (Light)
 Smith & Egge Mfg. Co. (Pulleys, Chains, Pliers, Punches, etc)
 White Mfg. Co. (Carriage)
 BRISTOL—Barrett W. L. (Glass Cutters)
 Ladd W. C.
 New Departure Mfg. Co. (Ball Bearings, Bells & Gongs)
See adv index at end of book
 Root Chas. J. Co. (Butts)
 Sessions J. H. & Son
 CLINTON—Buell Bros.
 CROMWELL—Warner Hammer Co.
 GUILFORD—SPENCER'S I. S. SONS (INC.) (Specialties)
 HAMDEN—Henry John T. Mfg. Co. (Hammers, etc)
 HARTFORD—Billings & Spencer Co.
 Holt G. L. Co. (Specialties)
 North & Pfeiffer Mfg. Co. (Specialties)
 Taylor Mfg. Co. (Specialties)
 HIGGANUM—Higganum Hardware Co. (Specialties)
 MERIDEN—Foster, Merriam & Co. (Cabinet)
 International Silver Co. (Coffin Trimmings, etc)
 Parker Chas. Co. (Window Trimmings, etc)
 Schenk M. B. Co. (Casters)
 Wallace F. J. Co. (Saddlery)
 MIDDLETOWN—Chapman W. H. Co. (Saddlery)
 Smith J. O. Mfg. Co. (Stationers')
 Wilcox, Crittenden & Co. (Marine, etc)
 MILFORD—Rostand Mfg. Co. (Automobile & Car)
 MOUNT CARMEL—Woodruff W. W. & Sons Co. (Carriage & Automobile Mountings)
 NAUGATUCK—Russell J. M. Mfg. Co.
 NEW BRITAIN—Corbin Cabinet Lock Co. (Trunk)
 Corbin P. & F. (Builders')
 Humason & Beckley Mfg. Co. (Hardware & Pocket Cutlery)
 Judd R. D. (Builders & Saddlery)
 Landers, Frary & Clark (Cutlery & Hdw. Specialties)
 North & Judd Mfg. Co. (Harness, Automobile, Baggage, Strap, Razor Strap & Dog Collar, Hardware, "Anchor Brand")
 Russell & Erwin Mfg. Co. (Builders)
 Stanley Rule & Level Co. (Carpenters' Tools)
 STANLEY WORKS (Wrought Steel Butts, Brackets, Garage, etc.)
See adv index at end of book
 Taplin Mfg. Co. (Specialties)
 Williams William Jr. (Specialties)
 NEW HAVEN—American Rivet Co. (Saddlery)
 Atlas Mfg. Co. (Brackets, Wire & Sheet Metal Specialties)
 Beebe W. S. Co. (Specialties)
 Cowles C. & Co. (Malleable & Brass Hinges & Locks)
 English & Mersick Co. (Carriage & Automobile Hardware & Specialties)
 Fitch W. & E. T. Co. (Sash Locks & Saddlery)
 Ives H. B. Co. (Sash, Lock Lifts, Fasteners, etc.)
 Kilborn & Bishop Co. (Forged)
 North O. B. & Co. (Saddlery)
 Ochsner A. & Son (Auto & Carriage, Locks, etc)
 Perpende Mfg. Co. (Carriage)
 Pfeighar Hardware Specialty Co. ("Automobile & Specialties")
 Sargent & Co. (Locks, Builders', Cabinet & General Hardware)
 Schollhorn Wm. Co. (Pliers, etc, & Hardware Specialties)
 Scranton & Co. (Specialties)
 Seward M. & Son Co. (Wagon)
 Snow & Petrelli Mfg. Co. (Specialties)
 NORWICH—Conn. Cord Iron Corp.
 Turner & Stanton Co.
 OAKVILLE—Smith Seymour & Son
 PLAINVILLE—Calor C. H. (Light Tools, etc)
 Clark A. N. & Son (Watchmakers' Tools, etc)
 Hills Edwin (Harness, etc)
 Osborne & Stephenson Mfg. Co.
 PLANTSVILLE—Blakeslee Forging Co. (Carriage)
 Smith H. D. & Co. (Carriage)
 Thomson Drop Forge Co. (Tool & Specialties)
 Wood G. E. Tool Co. (Awning)

ROCKY HILL—Rocky Hill Hardware Co.
 SOUTHINGTON—Aetna Nut Co. (Hinges)
 Atwater Mfg. Co. (Carriage, etc)
 Custiss Geo. L. Co. (Tools & Specialties)
 Peck, Stow & Wilcox Co.
 SOUTH NORWALK—Lockood Mfg. Co. (Builders)
 Norwalk Lock Co. (Builders)
 STAMFORD—Davenport John Co. (Piano Plates, etc)
 Excelsior Hardware Co.
 Potter C. D. Co. (Piano)
 Yale & Towne Mfg. Co. (Builders)
 TERRYVILLE—Eagle Lock Co. (Locks, etc)
 THOMPSONVILLE—Westfield Plate Co. (Coffin Trimmings)
 TORRINGTON—Progressive Mfg. Co. ("Forstner" Bits)
 Turner & Seymour Mfg. Co. (Upholstery & Drapery)
 Union Hardware Co. (Skates & Hardware)
 UNIONVILLE—Hart H. C. Mfg. Co. (Specialties)
 Hogarty Edw. (Saddlery)
 Humphrey H. W.
 Monce S. G. (Light)
 WALLINGFORD—Ives W. A. Mfg. Co. (Augurs & Bits)
 Judd H. L. Co. (See New York)
 WATERBURY—American Pin Co. (Upholstery)
 American Ring Co. (Upholstery & Cabinet)
 Blake & Johnson Co. (Piano & Organ, etc), 1500 Thomaston av.
See adv index at end of book
 Electrical Appliance Mfg. Co. (Blind Fasteners)
 Morden Mfg. Corporation (Rings & Loose-Leaf Devices for Ledgers, Pamphlets, etc)
 Noera Mfg. Co. (Specialties)
 Novelty Mfg. Co. (Specialties)
 Oakville Co. (Piano & Organ)
 Plume & Atwood Mfg. Co. (Brass Butts, etc)
 SCOVILL MFG. CO. (Brass Butts, etc) *See adv index at end of book*
 Shoe Hardware Co. (Buckles, etc)
 Waterbury Brass Goods Corporation (Brass Butt Hinges)
 Waterbury Foundry Co.
 Waterbury Mfg. Co. (Saddlery, Brass & Nickel Trimmings)
 WATERVILLE—Berbecker & Rowland Mfg. Co. (Upholstery & Cabinet)
 WINSTED—Empire Knife Co. (Pocket)
 Moore Franklin Co. (Carriage)
 Morgan Silver Plate Co. (Casket & Coffin)
 Strong Mfg. Co. (Casket & Coffins)
 YALESVILLE—Prisk Wm. M. & Sons Mfg. Co. (Specialties)

DELAWARE.

WILMINGTON—Delaware Marine Mfg. Co. (Brass & Bronze Hinges, etc), B. & O. R. R. & Conrd.

GEORGIA.

ATLANTA—Wood A. A. & Sons Co. (Hardware Tools)
 GAINESVILLE—Gainesville Iron Works (Specialties)

ILLINOIS.

ARLINGTON HEIGHTS—Berbecker Julius & Sons Co. (Upholsterers')
 AURORA—Aurora Door Hanger & Specialty Co.
 Richards-Wilcox Mfg. Co. (Door Hangers & Kindred Specialties)
 CHICAGO—Adjustable Clamp Co. 216 N Jefferson
 Austin & Eddy (Specialties), 11 S La Salle
 Barrett W. C. & Bro. (Cabinet), 603 N La Salle
 Beckley-Ralston Co. (Carriage & Automobile), 1801 S Michigan av
 Casement Hardware Co. (Specialties), 9 S Clinton
 Cassidy Fairbank Mfg. Co. (Specialties), 6126 La Salle
 Chicago Hardware Foundry Co. (Builders', etc), 546 W Washington
 Chicago Spring Butt Co. (Spring Butts, etc), 234 Union Park ct.

Coleman Hardware Co. (Builders'), 122 S Michigan av
 Cranston T. H. & Co. (Specialties), 56 E Randolph
 Curtis, Espy & Co. (Specialties), 1600 Fulton
 Dearborn Hardware Mfg. Co. (Builders'), 2911 Carroll av
 Dexter & Newton (Specialties), 543 W 120th
 Duffy Mfg. Co. (Steel Tools & Hatchets), 214 W Grand av
 Freeman Anthony (Specialties), 54 W Lake
 Gardner Sash Pulley Co., 15 N Jefferson
 Griffin Mfg. Co. (Hinges, Brackets, etc.), 17 E Lake
 Harley Burglar Proof Ventilating Sash Lock Mfg. Co., 3341 Ogden av
 Imperial Brass Mfg. Co., 524 S Racine av. *See adv index at end of book*
 Kienzie Wm. F. (Saddlery), 4855 W Paulina
 Lawson Mfg. Co. (Ball Bearing, Pivot Floor Hinges, etc.), 230 W Superior
 Merle Hy. J. & Co. (Hinges, etc.), 1112 W 22d
 Nicol & Co. (Specialties), 218 N Jefferson
 Niles Mfg. Co. (Spring Hinge, etc.), 216 S Jefferson
 Parsons Mfg. Co. (Specialties), 411 S Clinton
 Payson Mfg. Co. (Builders', etc.), 2918 W Jackson blvd
 Pratt Wm. E. Mfg. Co., 35 W Lake
 Read A. P. Co. (Specialties), 568 W Washington
 Seng Company (Specialties), 1450 Dayton
STANDARD-TYLER CO. (For Elevator Doors, Shutters, Eyes, etc.), 2436 W 15th
See adv index at end of book
STANLEY WORKS (wrought Steel Butts, Brackets, etc.), 73 East
See adv index at end of book
 Superior Spring Hinge Co. (Builders'), 136 W Lake
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av
 Tressing E. & Co. (Specialties), 15 E Lake
 Western Brass Mfg. Works (Inc.) (Builders' Cabinet, etc.), Marshall blvd & W 21st
 Western Hardware Mfg. Co., 859 N Franklin
 Williams F. B. Co. (Specialties), 507 E 39th
CHICAGO HEIGHTS—Van Doren Mfg. Co.
DANVILLE—Allith-Prouty Co. (Specialties)
DE KALB—Kohler Die & Specialty Co. (Specialties)
ELGIN—Elgin Silver Plate Co. (Casket)
 Western Casket Hardw. Co. (Casket)
FREEPORT—Arcade Mfg. Co.
 Stover Mfg. Co. (Builders, etc)
GALESBURG—Wenzelman Mfg. Co. (Specialties)
GENEVA—Burgess & Norton Mfg. Co. (Specialties)
HARVARD—Hunt, Helm, Ferris & Co. (Barn Door Hangers, Latches, etc)
LOCKPORT—Barrows Lock Co. (Builders)
MOLINE—Cooper H. W. Saddlery Hardware Mfg. Co.
NORTH CHICAGO—Chicago Hardware Foundry Co.
 Sager Lock Co. (Builders', etc)
OTTAWA—Porter J. E. Co. (Door Hangers, etc)
PANA—Progressive Mercantile & Mfg. Co. (Specialties)
ROCKFORD—Andrews Wire & Iron Works (Specialties)
 National Lock Co. (Cabinet)
STERLING—Frantz Mfg. Co.
 Lawrence Bros. (Door Hangers, Hinges, etc)
 National Mfg. Co. (Builders, Door Hangers, etc)
 Sterling Foundry Co. (Specialties)
STREATOR—Halladay L. P. Co. (Automobile Specialties)
SYCAMORE—Turner Brass Works (Specialties)

INDIANA.

ANDERSON—Hardware Specialty Mfg. Co.
CONNERSVILLE—Stant Geo. Machine Works (Carriage, Piano, etc)

ELKHART—Elkhart Hardware Mfg. Co. (Piano)
FORT WAYNE—Mossman, Yarnelle & Co. (Carriage)
INDIANAPOLIS—Tucker & Dorsey Mfg. Co. (Specialties)
SOUTH BEND—Studebaker Corp (Carriage & Wagon)
WABASH—Harsh-Miller Mfg. Co. (Saddlery Terrets, Check Rim Spring)

IOWA.

BOONE—Quinn Wire & Iron Works (Specialties)
CEDAR FALLS—Wagner Mfg. Co. (Specialties)
DES MOINES—Watrous Acme Mfg. Co. (Sash Hangers, Fasteners, etc)
DUBUQUE—Loetscher-Ryan Mfg. Co. (Specialties)
 Schmid Mfg. Co. (Casket)
FAIRFIELD—Louden Machy Co. (Door Hangers, etc)
KEOKUK—Decker Mfg. Co. (Specialties)
 Weber & Kirch Mfg. Co. (Specialties)

KANSAS.

ATCHISON—Atchison Saddlery Co.
LEAVENWORTH—Hesse W. G. & Son Mfg. Co. (Wagons)

KENTUCKY.

NEWPORT—Higgin Mfg. Co. (Carriage & Metal Screens)

LOUISIANA.

SHREVEPORT—Shreveport Saddlery Co.

MAINE.

BATH—Torrey Roller Bushing Works (Marine)
 Watson, Frye & Co. (Marine)
PORTLAND—Marine Hardware-Equipment Co. (Marine), S. P.

MARYLAND.

BALTIMORE—Dix Mfg. Co., Eager & Fallsway
 Gibson & Kirk Co. (Brass Marine), 217 Key Highway
 Sinclair-Scott Co. (Specialties), Wells & Patapsco
 Whiting W. H. & Co. (Marine Specialties), 222 E Pratt
FREDERICK—Enterprise Hardware Mfg. Co.
 Zimmerman G. F. S. & Co. (Builders' Specialties)

MASSACHUSETTS.

ATTLEBORO—Wilmarth W. D. & Co. Corp'n (Casket)
BOSTON—Austin & Eddy (Builders), 117 Broad
 Bliss Bros. (Marine), 170 Commercial
 McGreece Jas. P. & Co. (Piano), 262 Dover
 Moore Geo. W. (Piano), 14 Farnsworth
 Morss A. S. Co. (Marine), 43 High
 Norton Door Check Co., 170 Purchase
 Wilkinson A. J. & Co. (Marine), 184 Washington
BROCKTON—Tucke Mfg. Co. (Tools & Cutlery)
FISKDALE—Snell Mfg. Co. (Bits, Augers, etc)
GREENFIELD—Goodell-Pratt Co. (Drills, Saw Blades, etc.), 1700 Tools
 Warner Mfg. Co. (Children's Carriage)
HOLYOKE—COBURN TROLLEY TRACK MFG. CO. (Sliding Hangers & Tracks), P. O. Box 791
MILLERS FALLS—Millers Falls Co.
NEEDHAM—Orr, Galen & Co. (Blind Trimmings, etc)
NEWBURYPORT—Victor Mfg. Co. ("Victor" Door Hangers, etc)
ORANGE—Adell Mfg. Co.
PEABODY—Marine Hardware Co. (Yacht)
SOMERVILLE—Forg Peter Mfg. Co. (Cabinet)
SPRINGFIELD—Bemis & Call Hardware & Tool Co.
 S. & I. Co.
WESTFIELD—Rogers Silver Co. (Casket Mountings)
WINCHENDON—New England Lock & Hinge Co. (Tin Hinges, Ches' Locks, etc)
 Piper Geo. M. (Hammers, etc)

WOLLASTON—Hall Wm. Co. (Colonial & Builders)
WORCESTER—Eagan Thos. F. Hardware Co. (Saddlery)
 Gifford A. W. & Co.
 Hamblin & Russell Mfg. Co. (Specialties)
 Reed & Prince Mfg. Co. (Specialties)
 Wright & Sons Co. (Piano & Organ), 51 Jackson

MICHIGAN.

DETROIT—Casket Hardware Mfg. Co. (Casket), 820 Warren
 Detroit Register Co. (Specialties)
 Detroit Shipbuilding Co. (Marine, Brass)
 Douglass & Lomason Co. (Carriage)
 Harry Bros. Mfg. Co. (Cabinet & Furniture), 282 Woodbridge
 P R Mfg. Co. (Electric Bells)
GRAND RAPIDS—Grand Rapids Brass Co. (Furniture)
 Grand Rapids Hardware Co.
 Hardware Supply Co. (Door Catches, etc)
SAGINAW—Morley Bros. (Saddlery)

MINNESOTA.

FERGUS FALLS—Fergus Iron Works Co. (Sash Weights, Sinks, etc)
MINNEAPOLIS—Whitney Window Corp. (Casement Window), 307 S 5th
ST. PAUL—Borreson Mfg. Co. (Specialties)

MISSOURI.

ST. JOSEPH—Carswell Mfg. Co. (Specialties)
ST. LOUIS—American Foundry & Mfg. Co., 11th & Herbert
 Anderson Electric Machine Tool Co. (Carriage), 1324 Cass av
 Beehler Mfg. Co.
 Hager C. & Sons Hinge Mfg. Co. (Hinges & Specialties)
 Kupferle John C. Foundry Co. (Plumbers' Specialties), 1st & Wright
 Nixdorff-Krein Mfg. Co., 900 Howard
 Rinie Geo. M. Hardware Co., 2101 Gravois av
 St. Louis Hardware Mfg. Co., 1519 N 18th
 St. Louis Trunk Hdw. Mfg. Co. (Specialties)

NEW HAMPSHIRE.

NASHUA—Highton Wm. & Sons Co. (Cabinet, Desk & Specialties to Order)
 Nashua Saddlery Hardware Co.

NEW JERSEY.

BELLEVILLE—Knickerbocker Mfg. Co.
NEWARK—Brabson Bros. (Specialties, 47 Hamilton
 Buermann August Mfg. Co. (Bits, Spurs, Stirrups, etc), 220 Jelliff av
 Crane W. T. Carriage Hardware Co., 165 Mulberry
 Duranoid Mfg. Co. (Specialties), 213 Chestnut
 Freeman A. W. (Saddlery), 229 Mulberry
 Gilchrist Co. (Specialties), 236 Bank
 Goldsmith L. & Son (Trunk), Cherry
 Gould's M. Sons & Co. (Trunk), 115 Lafayette
 Havell Mfg. Co. (Trunk & Bag Trimmings), 284 Washington
 Huebel Mfg. Co. (Specialties), 103 Monroe
 Jenkinson R. C. & Co. (Sheet Metal & Wire Goods), 289 Washington
 Lowentraut P. Mfg. Co., 36 Brenner
 Lukes Wm. (Stationers & Novelties), 857 S 19th
 National Mfg. & Steel Supply Co. (Tools & Specialties), 15 River
 Reynold-Zahn Co. (Saddlery), 46 Mechanic
 Romer & Co. (Inc.) (Lock, etc), 275 Passaic
 Sargeant Mfg. Co. (Saddlery), 79 Summit
 Sayre L. A. Co., 332 Mulberry
 Searls Mfg. Co. (Carriage Mountings), 29 Mulberry
 Smith G. L. & Co. (Saddlery), 50 Spring
 Steffens-Amberg Co. (Saddlery), 262 Morris av

Strieby & Foote Co. (Carriage), 301 Ogden
 Thomas T. & Co. (Locks)
 Universal Caster & Fdry Co. (Casters), 574 Ferry
 Wheaton A. W. Brass Works (Builders'), 21 R. R. pl
 Whitehouse Le Compte Mfg. Co. (Saddlery, Silver Trimmings), 44 Elm
 Wiener-Barnet Co. (Saddlery), 329 Adams
 Wiss J. & Sons (Cutlery), 31 Littleton av
PHILLIPSBURG—Galvanized Products Co. (Pole Line)
TRENTON—Skillman Hardware Mfg. Co.

NEW YORK.

ALBANY—Gomph Henry G. & Co. (Saddlery, Tools)
AUBURN—Clapp E. D. Mfg. Co. (Carriage), 300 Genesee
 Eccles Richard Co. (Carriage, etc)
BINGHAMTON—Binghamton Hardware Specialty Co. (Specialties)
 Crandal, Stone & Co. (Carriage & Automobile)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Ajax Hardware Mfg. Co., 1100 Military rd
 Buffalo Specialty Co., 375 Ellicott
 Climax Lock & Ventilator Co., 656 Michigan av
 Dorries & Co. (Saddlery)
 Hutchins-Kilbourne Co. (Spectacles)
 North Buffalo Hardware Foundry Co., 743 Hertel av
 Phoenix Hardware Co. (Specialties)
 Pratt & Letchworth Co. (Carriage)
CORTLAND—Nelson & Call Co. (Carriage)
EAST AURORA—Forsyth Metal Goods Co (Specialties)
EAST ROCHESTER—Brainerd Mfg. Co.
ELMIRA—Cronk & Carrier Mfg. Co. (Specialties)
GENEVA—Geneva Cutlery Co.
INTERLAKEN—Covert Saddlery Works
JAMESTOWN—Crescent Tool Co., 200 Harrison (Specialties)
 Ellison Brass Mfg. Co. (Special)
 Weber-Knapp Co. (Furniture)
KINGSTON—Ramsey Chas. Co. (Piano)
LITTLE FALLS—Cheney Hy. Hammer Co. (Hammers, etc)
MANLIUS—Cheney S. & Son (Grey Iron Specialties)
MECHANICSVILLE—Lynd L. E. Mfg. Co. (Piano)
MEDINA—Medina Stamping & Machine Co. (Specialties)
 Swett A. L. Iron Works (Door Hangers, etc)

NEW YORK CITY.

Borough of Brooklyn

Bommer Bros., 270 Willoughby av
 Brass Goods Mfg. Co. (Builders, Refrigerator & Specialties), 533 Union
 H. & A. Lock Co. (Trunk), 243 44th
 Kroder John & Henry Reubel Co., Meeker av
 Sterling Casket Hardware Co., 383 Kent av
 Tiebout C. H. & Sons (Marine), 31 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Bayer Gardner-Himes Co. (Builders'), 101 Park av
 Burglar Proof Lock & Hardware Corp. ("Segal" Burglar Proof Locks, etc), 75 Fulton
 Christensen Rudolph (Cabinet), 107 Chambers
 Corbin P. & F. Div, 96 Lafayette
 Creamer W. G. & Co. (Car), 96 John
 Durkee Chas. D. & Co. (Marine), 2 South
 Gerstner A. W. Co. (Hardware Tools & Cutlery), 634 8th av, New York
 Gould-Mersereau Co. (Upholstery), 52 W 38th
 Greene, Tweed & Co., 109 Duane
 Guerin P. E. (Inc.), 21 Jane
 Haas Henry & Son (Piano), 1909 Park av
 Jennings C. E. & Co. (Mechanics' Tools & Specialties), 71 Murray
 Judd H. L. Co. (Upholstery, Stationery & Fancy), 87 Chambers, Works: Wallingford, Conn.

Keil Francis & Son, 401 E 163d
 McCabe Hanger Mfg. Co. (Door Hangers, etc), 425 W 25th
 Marine Mfg. & Supply Co. (Marine), 158 South
 Morton Thos. (Sash Chains, etc), 245 Centre
 Neptune Hdwe. Mfg. Co. (Awning), 54 South
 N. Y. Piano Hdwe. Co., 168 S Boulevard
 Peck, Stow & Wilcox Co. (Hinges, etc.), 46 W Broadway
 Russell & Erwin Mfg. Co., Div of N. Y., 96 Lafayette
 Sargent & Co., 94 Center
 Smith & Egge Mfg. Co., 258 B'way
SMITH & HEMENWAY CO., 76 Chambers
See adv index at end of book
STANLEY WORKS, 100 Lafayette
See adv index at end of book
 Tiebout W. & J. (Brass & Galvanized), 118 Chambers
 Yale & Towne Mfg. Co. (Builders), 4 E 40th

(End of New York City)

NIAGARA FALLS—Niagara Falls Metal Stamping Works (Specialties)
NORWICH—Maydole David Hammer Co. (Hammers, etc.)
OGDENSBURG—Newell Mfg. Co. (Upholstery, etc.)
POUGHKEEPSIE—Lane Bros. Co. (Door Hangers, etc.)
 Schatz Mfg. Co. (Specialties)
ROCHESTER—Caldwell Mfg. Co. (Sash Balances, etc.), 8 Jones
 Clark H. E. & Bros. (Specialties, Brighton)
 Pullman Mfg. Co. (Sash Balances, Door Checks & Springs)
 Sargent & Greenleaf Co. (Locks)
SYRACUSE—Frazer & Jones Co. (Saddlery)
 Stearns E. C. & Co (Door Hangers, etc.), 450 Oneida
TROY—Covert Mfg. Co. (Saddlery)
 King Jos Mfg. Co (Skates)
 Read O B. Mfg Co (Saddlery)
 West Side Fdry Co (Piano)
WATERTOWN—Wise Jos. B. Inc. (Specialties of Pressed Work)

NORTH CAROLINA.

WHITAKERS—Southern Hdwe. Mfg. Co. (Casket)

OHIO.

AKRON—Enterprise Mfg. Co. (Saddlery)
ASHLAND—Myers F. E. & Bro. (Builders' Hardware), 800 Orange
See adv index at end of book
 Safety Door Hanger Co.
CANTON—Buckeye Mfg. Co. (Specialties)
 Canton Malleable Iron Co. (General Saddlery)
 Elbel Co. (Saddlery, etc.)
 Gibbs Mfg. Co. (Specialties)
 Kohler F. E. Co. (Specialties)
 Ney Mfg. Co. (Hangers, etc.)
 Novelty Cutlery Co. (Cutlery Mfrs.)
 Swineford G. A. Co. (Door Hangers, etc.)
CINCINNATI—Crane & Breed Mfg. Co. (Casket), 1229 W 8th
 Enterprise Brass & Plating Co. (Vehicle Mountings), 6th & Baymiller
 Lounsbury G. H. & Sons (Carriage Trimmings), 3 W 3d
 Metal Specialty Co., 6th & Burns
 Monarch Carriage Goods Co.
 National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc)
 Queen City Forging Co. (Carriage), Tennyson & Dumont, Columbia
 Schriver O. P. & Co. (Specialties)
 Schroder J. B. Co. (Locks, Bldrs. Hardware, etc.)
CLEVELAND—Cleveland Hardware Co.
 Cochran J. A. Brass Mfg. Co. (Specialties), 1403 E 40th
 Columbian Hardware Co., E 53d
 Cray Bros. (Carriage), 111 W 11th
 Eberhard Mfg. Co. (Carriage, Wagon & Automobile)
 Fanner Mfg. Co. (Specialties)
 Globe Machine & Stamping Co. Manufactured to Order, 1250 W 76th, Cleveland, O.
 Independent Register & Mfg. Co. (Specialties)

Langenau Mfg. Co., 8403 Franklin av N W
 Russ Co., 5700 Walworth av, S W
 Taylor & Boggis Fdry. Co. (Builders, etc.)
TYLER W. S. CO. (For Elevator Doors, Shutter Eyes)
See adv index at end of book
 Walworth Run Foundry Co. (Specialties)
COLUMBUS—Columbus Chain Co. (Saddlery)
See adv index at end of book
DALTON—Martin S. B. (Door Hangers, etc.)
DAYTON—Crown Hardware Mfg. Co. (Specialties), 1101-21 E 2d
 Thomson S. H. Mfg. Co.
FREDERICKTOWN—Zieg F. B. Mfg. Co. (Specialties)
FREMONT—Herbrand Co. (Carriage & Wagon)
GENEVA—Champion Hardware Co. (Locks, etc.)
KENT—Miller J. B. Keyless Lock Co.
MANSFIELD—Mansfield Electric Hardware Co. (Specialties)
MINERVA—Minerva Mfg. Co. (Bldrs. & Specialties)
RAVENNA—Williams A. C. Co.
SHELBY—Shelby Spring Hinge Co. (Hinges, etc.)
 Standard Mfg. Co. (Hinges, etc.)
TOLEDO—Reynolds Mfg. Co. (Specialties)

PENNSYLVANIA.

ALLENTOWN—Grammes L. F. & Sons (Cabinet, Desk, Machy., etc.)
 Kline Hardware Co.
BRACKENRIDGE—Western Tool & Forge Co., Awnings, etc.)
COLUMBIA—U. S. Lock & Hardware Co.
ELDRED—Prouty C. & Co. (Tools, etc.)
ERIE—Ely T. J. Mfg. Co. (Specialties)
 Erie Specialty Co. (Ice Picks, Cork Screws, Cork Pullers, etc.), 520 W 12th
 Griffin Mfg. Co. ("Griffin" Strap & T Hinges, Brackets, Door Bolts, etc.)
FULLERTON—Dent Hardware Co. (Refrigerator Trimmings)
LANCASTER—Miller J. Walter Co. (Specialties)
 Safe Padlock & Hardware Co. (Shelf-Hardware)
 Slaymaker Lock Co. (Builders, Car & Ship)
LEONA—Ely E. C. Co. (Specialties)
MECHANICSBURG—Wilcox D. Mfg. Co. (Carriage)
MOUNT JOY—Rollman Mfg. Co., Ltd. (Specialties)
NORTHUMBERLAND—Keystone Forging Co. (Carriage)
NORTH EAST—Fernald Mfg. Co. (Quick Shifts Anti-Rattlers, Whip Sock-ets, etc.)
PHILADELPHIA—Andrews Mfg. Co. (Door Knobs), 388 Harmony
 Berger Bros. Co. ("Keystone" Boiler Handles), 229 Arch
 Brewer Bros. Co. (Builders), 614 Filbert
 Brohard Co. (Doorholders, etc.), 3rd & Lehigh
 Devlin Thos. Mfg. Co. (Carriage, Saddlery, Builders, etc.), 3d & Lehigh av
 Dowler Chas. L. (Carriage), 108 N 3d
 Dunn & Eldridge Co. (Upholstery), 6 N 6th
 Enterprise Mfg. Co. of Pa. (Specialties), 3d & Dauphin
 Klufkee H. E. Saddlery Co. (Harness Mountings, etc), 109 N 3d
 Miller Lock Co. (Locks), 4523 Tacony, Fkd.
 Mousley's Chas. Sons (Car, Brass & Bronze), 457 N 12th
 Nock Geo. W. Co. (Locks), 126 N 4th
 North Bros. Mfg. Co. (Screw Drivers & Specialties), Lehigh av & N American
PARSONS SPECIALTY & MACHINE WORKS (Specialties in Metal & Wire), 242, N 4th
 Peters James & Son (Hinges), 1934 N Front
 Royal Mfg. Co. (Household Specialties), Denckla bldg
 Sterling Machine Works, 2622 Amber

PITTSBURGH—Lanz M. & Sons (Hinges, etc.), 2907 Carson
 McKinney Mfg. Co. (Hinges, Butts, Door Hangers), North Side
 Oliver Iron & Steel Co. (Wagon), S 10th & Muriel
POTTSTOWN—Colebrookdale Iron Co. (Specialties)
READING—Chantrell Hardware & Tool Co. (Builders' & Shelf)
 Gray Iron Fdry. Co.
 Penn Hardware Co. (Builders, etc)
 Rapp Philip
 Reading Hardware Co. (Builders, etc.)
 Reading Saddle & Mfg. Co. (Household Specialties)
SHARON—Sharon Hardware Mfg. Co. (Builders)
WILLIAMSPORT—Williamsport Staple Co. (Harness Specialties)
WRIGHTSVILLE—Wrightsville Hardware Co. (Builders & Specialties)

RHODE ISLAND.

WOONSOCKET—Perforated Pad Co. (Saddlery)

TENNESSEE.

CHATTANOOGA — American Mfg. Co. (Harness & Builders)
 Southern Skein & Foundry Co. (Wagon)
NASHVILLE—Cumberland Foundry & Mfg. Co. (Specialties)

VERMONT.

MONTPELIER—Colton Mfg. Co. (Saddlery)
WINDSOR—Hubbard & McClary (Specialties), Hangers)

VIRGINIA.

RICHMOND — Richmond Cedar Works (Specialties)

WASHINGTON.

SEATTLE—Art Hardware & Mfg. Co. (Builders)

WISCONSIN.

BERLIN—Peck Hardware Mfg. Co. (Specialties)
JANESVILLE—Strickler Hay Tool Co.
LA CROSSE—Stamping & Tool Co. (Dies, Tools & Specialties)
MILWAUKEE—Loeffelholz Co. (Cabinet)
 Luitink & Sons Mfg. Co. (Door Hangers), 775 18th
 Scharrow Mfg. Co. (Saddlery)
 Western Hdwe. Mfg. Co. (Specialties), 858 3d
 Winter R. G. Mfg. Co. (Specialties), 2102 Vliet
 Young Specialty Co., 2220 Vliet
NORTH MILWAUKEE—Wagner E. R. Mfg. Co. (Specialties for Children's Vehicles)
RACINE—Beffel Frank Mfg. Co. (Specialties)
 Harvey Spring & Forging Co. (Wagon)
 Imperial Bit & Snap Co. (Saddlery, etc)
 Racine General Mfg. Co. (Saddlery)
 Racine Malleable & Wrought Iron Co. (Saddlery)
 Wisconsin Metal Products Co. (Specialties)
SOUTH MILWAUKEE—Stowell Co., The (Wagon Malleables, Clevises, etc.)
WEST ALLIS—Milwaukee Stamping Co. (Trunk & Bag)

Hardware Mfrs. (Automobile)

See Mountings. Automobile; also Hardware Manufacturers. Carriage

5921—Hardware Mfrs. (Automobile & Carriage Top)

Ashtabula Bow Socket Co., Ashtabula, O.
 Auto Specialties Mfg. Co. (Inc.), (Auto Top), Joliet, Ill.
 Buermann August Mfg. Co. (Auto Top), Newark, N. J.
 Cleveland Hardware Co. (Auto Top), 45th & Lakeside av, Cleveland, O.
 Crandal, Stone & Co., Binghamton, N. Y.
 Detroit Socket Co., West Detroit, Mich.

5922—Hardware Mfrs. (Awning)

Boyle John & Co., 112 Duane, New York
 Cleveland-Akron Bag Co., Cleveland, O.
 Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
 Neptune Hardware Mfg. Co., 54 South, New York
 Peck, Stow & Wilcox, Southington, Conn.
 Reading Hardware Co., Reading, Pa.
 Sargent & Co., New Haven, Conn.
 Stant Geo. Machine Works, Connersville, Ind.
 Western Tool & Forge Co., Brackenridge, Pa.
 Wilcox, Crittenden & Co., Middletown, Conn.

5923—Hardware Mfrs. (Billiard Table)

Chicago Hardware Fdry. Co., No. Chicago, Ill.
 Dent Hardware Co., Fullerton, Pa.

5924—Hardware Mfrs. (Cabinet)

American Mfg. Co., Chattanooga, Tenn.
 American Ring Co., Waterbury, Conn.
 Artistic Bronze Co., Bridgeport, Conn.
 Berbecker Julius & Sons Co., Arlington Heights, Ill.
 Berbecker & Rowland Mfg. Co., Waterbury, Conn.
 Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
 Burns & Bassick Co., Bridgeport, Conn.
 Chicago Hardware Fdry. Co., No. Chicago, Ill.
 Christensen Rudolph, 107 Chambers, New York
 Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.
 Corbin Cabinet Lock Co., New Britain, Conn.
 Foster, Merriam & Co. (Casters, Pulls, Knobs, Escutcheons, etc), Meriden, Conn.
 Grammes L. F. & Sons, Allentown, Pa.
 Grand Rapids Brass Co., Grand Rapids, Mich.
 Greene, Tweed & Co., 109 Duane, New York
 Guerin P. E. (Inc.), 21 Jane, New York
 Hardware Supply Co., Grand Rapids, Mich.
 Highton Wm. & Sons Co. (Also Desk), Nashua, N. H.
 Keystone Friction Hinge Co. (Furniture Hardware Specialties), Williamsport, Pa.
 Loeffelholz Co., Milwaukee, Wis.
 National Brass Mfg. Co., Cincinnati, O.
 National Lock Co. (Brass & Plated), Rockford, Ill.
 Niessen Bros. & Co., 3153 Army, San Francisco, Cal.
 Osborne & Stephenson Mfg. Co., Plainville, Conn.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Safe Padlock & Hardware Co., Lancaster, Pa.
 Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
 Weber-Knapp Co. (For Furniture), Jamestown, N. Y.
 Williams F. B. Co., 507 E 39th, Chicago, Ill.
 Yale & Towne Mfg. Co., 9 E 40th, New York

5925—Hardware Mfrs. (Car)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
 Bommer Bros., 270 Willoughby av, N. Y.
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.
 Creamer W. G. & Co., 96 John, New York
 Dayton Mfg Co., Dayton, O.
 Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. & Conrd., Wilmington, Del.
 Mousley's Chas. Sons (Brass & Bronze), 457 N 12th, Phila., Pa.
 Rostand Mfg. Co. ("Rostand"), Milford, Conn.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

5926—Hardware Mfrs. (Carriage)

American Shovel and Stamping Co., Lorain, Ohio

Anderson Electric Machine Tool Co. (Special), 1324 Cass av, St. Louis, Mo.
 Atwater Mfg. Co., Southington, Conn.
 Baldwin E. N. Shelton, Conn.
 Beckley-Ralston Co. (Carriage & Automobile), 1801 S Michigan av, Chicago, Ill.
 Belle City Malleable Iron Co., Racine, Wis.
 Blakeslee Forging Co., Plantsville, Conn.
 Brainerd Mfg. Co. (Automobile), East Rochester, N. Y.
 Clapp E. D. Mfg. Co., 300 Genessee, Auburn, N. Y.
 Cleveland Hardware Co. (Also Wagon), Cleveland, O.
 Columbus Belt Works Co., Columbus, O.
 Cowles C. & Co., New Haven, Conn.
 Crandal, Stone & Co. (Also Wagon & Automobile), Binghamton, N. Y.
 Crane W. T. Carriage Hardware Co. (Iron, Steel, Wheels, etc), 165 Mulberry, Newark, N. J.
 Cray Bros. (Jobbers), Cleveland, O.
 Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
 Douglas & Lomason Co., Detroit, Mich.
 Eberhard Mfg. Co., Cleveland, O.
 Eccles Richard Co. (Also Drop Forgings), Auburn, N. Y.
 Elbel Co., Canton, O.
 English & Mersick Co., New Haven, Conn.
 Franklin Park Foundry Co., Franklin Park, Ill.
 Harvey Spring & Forging Co. (Wrought Wagon), Racine, Wis.
 Haury Hardware Co., 470 Broadway, Cleveland, O.
 Herbrand Co., Fremont, O.
 Hesse W. G. & Son Mfg. Co. (Wagon), Leavenworth, Kan.
 Higgin Mfg. Co., Newport, Ky.
 Keystone Forging Co. (Drop Forged), Northumberland, Pa.
 Lounsbury G. H. & Sons, 8 W 3d, Cincinnati, O.
 Monarch Carriage Goods Co., Cincinnati, O.
 Moore Franklin Co., Winsted, Conn.
 Mossman, Yarnelle & Co. (Bow Sockets), Ft. Wayne, Ind.
 Nelson & Call Co., Cortland, N. Y.
 Ochsner A. & Son (Coach & Carriage Lamps), New Haven, Conn.
 Oliver Iron & Steel Co. (Wagon), S 10th & Muriel, Pittsburgh, Pa.
 Perpete Mfg. Co., New Haven, Conn.
 Pratt & Letchworth Co., Buffalo, N. Y.
 Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, O.
 Racine General Mfg. Co. (Wagons Only), Racine, Wis.
 Racine Malleable & Wrought Iron Co., Racine, Wis.
 Searls Mfg. Co. (And Carriage Mountings), 29 Mulberry, Newark, N. J.
 Seward M. & Son Co. (Wagon), New Haven, Conn.
 Smith H. D. & Co., Plantsville, Conn.
 Southern Skein & Foundry Co. (Wagon), Chattanooga, Tenn.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

Stant Geo. Machine Works, Connerville, Ind.
 Stowell Co., The (Wagon Malleables, Clevises, etc.), South Milwaukee, Wis.
 Strieby & Foote Co., 301 Ogden, Newark, N. J.
 Studebaker Corp. (Also Wagon), South Bend, Ind.
 Upson Nut Co., Cleveland, O.
 Warner Mfg. Co. (Children's), Greenfield, Mass.
 White Mfg. Co., Bridgeport, Conn.
 Wilcox D. Mfg. Co., Mechanicsburg, Pa.
 Woodruff Walter W. & Sons Co. (Carriage & Automobile Mountings, etc), Mt. Carmel, Conn.

5927—Hardware Mfrs. (Casket)

Aluminum Castings Co. (Castings), Cleveland, O.
 Casket Hardware Mfg. Co., 820 W Warren, Detroit, Mich.
 Cincinnati Coffin Co., Richmond Carr Fillmore, Cincinnati, O.
 Crane & Breed Mfg. Co., 1229 W 8th, Cincinnati, O.
 Elgin Silver Plate Co., Elgin, Ill.
 International Silver Co. (Silver Plated), Meriden, Conn.
 Meriden Britannia Co., Meriden, Conn.
 Morgan Silver Plate Co. (And Funeral Supplies), Winsted, Conn.
 National Brass Mfg. Co. (Hearse Trimmings), Cincinnati, O.
 Rogers Silver Co., Westfield, Mass.
 Schmid Mfg. Co., Dubuque, Ia.
 Southern Hardware Mfg. Co., Whitakers, N. C.
 Sterling Casket Hardware Co., 383 Kent av, Brooklyn, N. Y.
 Strong Mfg. Co., Winsted, Conn.
 Western Casket Hardware Co., Elgin, Ill.
 Wilmarth W. D. & Co., Attleboro, Mass.

5928-9—Hardware Mfrs. (Fire Door)

Allith-Prouty Co. ("Allith & Prouty"), Danville, Ill.
 Dusing & Hunt, 386 Michigan av, Buffalo, N. Y.

Hardware Mfrs. (Furniture)

See Hardware Mfrs., Cabinet

5930—Hardware Mfrs. (Marine)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
 Blasier-Sanborn Mfg. Co., Utica, N. Y.
 Bliss Bros., 170 Commercial, Boston, Mass.
 Campbell A. S. Co. ("Cello" Motor Boat Electric Lighting Systems), 284 Commercial, Boston, Mass.
 Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. Conrd, Wilmington, Del.
 Detroit Shipbuilding Co. ("Kirby") (Brass Department), Detroit, Mich.
 Durkee Chas. D. & Co., 2 South, New York
 Gibson & Kirk Co. (Brass), 217 Key Highway, Baltimore, Md.
 Greene, Tweed & Co., 109 Duane, New York
 Laughlin Thos. Co., Portland, Me.
 McMillan's W. H. Sons, 153 South, New York
 Marine Hdw. Co. (Yacht), Peabody, Mass.
 Marine Hardware-Equipment Co., South Portland, Me.
 Marine Mfg. & Supply Co., 158 South, New York
 Morss A. S. Co. (Motor Boat Fittings, etc), 43 High, Boston, Mass.
 Mousley's Chas. Sons (Brass, Bronze, etc), 457 N 12th, Phila., Pa.
 Neptune Hardware Mfg. Co., 54 South, New York
 Norwalk Lock Co., South Norwalk, Conn.
 Pullman Mfg. Co., Rochester, N. Y.
 Slaymaker Lock Co. (Also Ship), Lancaster, Pa.
 Tiebout W. & J. (Brass & Galvanized), 118 Chambers, New York
 Torrey Roller Bushing Works, Bath, Me.
 Union Hardware Co., Torrington, Conn.
 Watson, Frye & Co., Bath, Me.
 Whiting W. H. & Co., 222 E Pratt, Baltimore, Md.
 Wilcox, Crittenden & Co., Middletown, Conn.
 Wilkinson A. J. & Co., 184 Washington, Boston, Mass.

5931—Hardware Mfrs. (Metal Window)

Smith Frank E. Metal Window Hardware Co. ("Smith's," Pivoted Window Hardware, etc), 81 Clay, Newark, N. J.

5932—Hardware Mfrs. (Piano Player)

Elgin Metal Novelty Co., Elgin, Ill.

5933—Hardware Mfrs. (Piano & Organ)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
See adv index at end of book
 Chicago Hardware Fdry Co., 546 W Washington, N Chicago, Ill.
 Cornwall & Patterson Co., Bridgeport, Conn.
 Davenport John Co., Stamford, Conn.
 Elkhart Hardware Mfg. Co. (Piano Only), Elkhart, Ind.
 Haas Henry & Son, 1909 Park av, New York
 Lynd L. E. Mfg. Co., Mechanicsville, N. Y.
 McGreece Jas. P. & Co., 262 Dover, Boston, Mass.
 Miller J. Walter Co., Lancaster, Pa.
 Moore Geo. W., 44 Farnsworth, Boston, Mass.
 New York Piano Hardware Co., 168 S Boulevard, New York
 Oakville Co. ("Oco" Hinges), Waterbury, Conn.
 Potter C. D. Co., Stamford, Conn.
 Ramsey Chas. Co., Kingston, N. Y.
REISNER W. H. MFG. CO. (Electro Magnets), Hagerstown, Md.
 Standard Co. (Also Piano Player Hardware), Torrington, Conn.
 Stant Geo. Machine Works (Piano), Connerville, Ind.
 West Side Foundry Co., Troy, N. Y.
 Wright & Sons Co., 51 Jackson, Worcester, Mass.

5934—Hardware Mfrs. (Pivoted Window)

Facile Window Co. ("Facile"), 103 Park av, New York
 Peters Jas. & Son ("Peters"), 1934 N Front, Phila., Pa.
 Smith Frank E. Metal Window Hardware Co. ("Smith"), 81 Clay, Newark, N. J.
 Steiner & Voegtle Hardware Co. ("Giessey"), 230 Diamond, Pittsburgh, Pa.
 Tabor Sash Fixture ("Tabor"), 63 Polk, Newark, N. J.

5935—Hardware Mfrs. (Saddlery)

American Chain Co., Bridgeport, Conn.
 American Hame & Bit Co., 59 N. J. R. R. av, Newark, N. J.
American Mfg. Co., Chattanooga, Tenn.
 Atchison Saddlery Co., Atchison, Kan.
 Brabson Bros., 47 Hamilton, Newark, N. J.
 Buermann August Mfg. Co. (Bits, Spurs, Stirrups, etc), 220 Jelliff av, Newark, N. J.
 Canton Malleable Iron Co., Canton, O.
 Chapman W. H. Co., Middletown, Conn.
 Colton Mfg. Co., Montpelier, Vt.
 Hill & Langstroth (Wholesale), 79 Beekman, New York
 Jenkinson R. C. & Co. (Sheet Metal & Wire Goods, etc), 293 Washington, Newark, N. J.
 Columbus Chain Co., Columbus, O.
See adv index at end of book
 Cooper H. W. Saddlery Hardware Mfg. Co., Moline, Ill.
 Cotton Mfg. Co., Montpelier, Vt.
 Covert Mfg. Co., Troy, N. Y.
 Covert Saddlery Works, Interlaken, N. Y.
 Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
 Dorries & Co., Buffalo, N. Y.
 Duranoid Mfg. Co. (Duranoid Specialties), 213 Chestnut, Newark, N. J.
 Eberhard Mfg. Co., Cleveland, O.
 Elbel Co. ("Owl Brand"), Canton, O.
 Enterprise Mfg. Co. ("Pfeuger" Metal & Inlaid Rosettes, Ornaments, Letters, Figures, Buckles, etc), Akron, O.
 Fitch W. & E. T. Co., New Haven, Conn.
 Frazer & Jones ("Staple Brand"), Syracuse, N. Y.
 Gillian Co., Canton, O.
Gomph Henry G. & Co. (Tools), Albany, N. Y.

Greacen & Co., 480 Washington, Newark, N. J.
 Harsh-Miller Mfg. Co., Wabash, Ind.
 Havens Malleable Castings Co., Cincinnati, Ohio
 Hills Edwin (Harness, etc), Plainville, Conn.
 Hogarty Edward, Unionville, Conn.
 Imperial Bit & Snap Co., Racine, Wis.
 Judd R. D., New Britain, Conn.
 Kienzie Wm. F., 4855 N Paulina, Chicago, Ill.
 Klufkee H. E. Saddlery Co. (Harness Mountings), 109 N 3d, Phila., Pa.
 Nashua Saddlery Hdw. Co., Nashua, N. H.
 North O. B. & Co., New Haven, Conn.
 North & Judd Mfg. Co. ("Anchor" Brand, Saddlery, Blanket, etc), New Britain, Conn.
 Perforated Pad Co., Woonsocket, R. I.
 Racine General Mfg. Co., Racine, Wis.
 Racine Malleable & Wrought Iron Co., Racine, Wis.
 Read O. B. Mfg. Co., Troy, N. Y.
 Reynold-Zahn Co., 46 Mechanic, Newark, N. J.
 Sargeant Mfg. Co., 79 Summit, Newark, N. J.
Schartow Mfg. Co., Milwaukee, Wis.
 Shreveport Saddlery Co., Shreveport, La.
 Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.
 Smith G. L. & Co., 50 Spring, Newark, N. J.
 Steffens-Amberg Co., 262 Morris av, Newark, N. J.
 Wallace F. J. Co., Meriden, Conn.
 Waterbury Mfg. Co., Waterbury, Conn.
Whitehouse Le Compte Mfg. Co. (Specialty Silver Trimmings), 44 Elm, Newark N. J.
 Wiener-Barnet Co., 328 Adams, Newark, N. J.
 Williamsport Staple Co. (Harness Specialties), Williamsport, Pa.
 Wyeth Hardware & Mfg. Co., St. Joseph, Mo.

Hardware Mfrs. (Screen Door)

See Index of Contents for Specific Article Wanted

5936—Hardware Mfrs. (Stationers')

Grammes L. F. & Sons, Allentown, Pa.
 Guerin P. E. Inc. (Bronze), 21 Jane, New York
 Tatum Sam'l C. Co., Cincinnati, O.
 Weeks Frank A. Mfg. Co., 93 John, New York

5937—Hardware Mfrs. (Theatre Stage)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
 Clancy Jno. R. Syracuse, N. Y.
 McCabe Hanger Mfg. Co., 425 W 25th, New York

5938—Hardware Mfrs. (Trunk & Bag)

Corbin Cabinet Lock Co., New Britain, Conn.
 Eagle Lock Co., Terryville, Conn.
 Gould's M. Sons & Co., 115 Lafayette, Newark, N. J.
 Havell Mfg. Co. (Trimmings), 284 Washington, Newark, N. J.
 H. & A. Lock Co., 243 44th, Brooklyn, N. Y.
 Milwaukee Stamping Co., West Allis, Wis.
 Neumann R. Hardware Co. (Also Suit Cases), 9 St. Francis, Newark, N. J.
PARSONS SPECIALTY & MACHINE WORKS, 2427 N 4th, Phila., Pa.
 Richmond Pressed Metal Works, Inc., Stockton & 6th, Richmond, Va.
 St. Louis Trunk Hardware Mfg. Co., St. Louis, Mo.
 Sessions J. H. & Son (Malleable Iron & Steel Trimmings, etc.), Bristol, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

5939—Hardware Mfrs. (Upholstery)

American Pin Co. ("Ampinco"), Waterbury, Conn.
 American Ring Co., Waterbury, Conn.
 Berbecker Julius & Sons Co., Arlington Heights, Ill.
 Berbecker & Rowland Mfg. Co., Waterbury, Conn.

Drapery Hardware Mfg. Co., 87 35th Brooklyn, N. Y.
 Dunn & Eldridge Co. (Brass), 6 N 6th, Phila., Pa.
 Foster, Merriam & Co., Meriden, Conn.
 Gould-Mersereau Co., 52 W 38th, New York
 Kroder Jno. & Henry Reubel Co., Meeker av, Brooklyn, N. Y.
 Newell Mfg. Co., Ogdensburg, N. Y.
 Novelty Mfg. Co., Waterbury, Conn.
 Turner & Seymour Mfg. Co. (Also Drapery Hardware), Torrington, Conn.
 Waterbury Mfg. Co., Waterbury, Conn.

Hardware Mfrs. (Wagon)

See Firms in Hardware, Carriage, with the word Wagon following their names

5939a—*Hardware (Special Designs)

GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York
See adv index at end of book

Hardware Trimmings (Porcelain)

See Porcelain Specialties, Electrical, Mechanical, Etc.

5940—Hardware (Wholesale)

The firms under this classification are Wholesalers and firms who do Local Jobbing

See also Contractors' Tools & Supplies, also Mill & Factory Supplies; also Tin Plate, Metals, etc. For Manufacturing Firms see Hardware Mfrs.; also the Specific Articles Required.

ALABAMA.

ANDALUSIA—Benson Hardware Co. (General Builders', Tools, Cabinet, Paints & Oils, etc)
 ANNISTON—Anniston Hardware Co. (General & Saddlery)
 BESSEMER—Long Lewis Hdw. Co.
 BIRMINGHAM—Byrum Hdw. Co. (Builders')
 Crane Co. (General Plumbers & Machinery)
 Moore-Handley Hardware Co. (General)
 Wimberly & Thomas Hardware Co. (General Heavy & Tools)
 BREWTON—Luttrell Hardware Co. (General)
 EUFAULA—Ross Hardware Co. (General)
 EUTAW—Rogers Hardware Co. (General, Builders', Tools, etc.)
 EVERGREEN—Wild Bros. Hardware Co.
 FLORENCE—Darley & King Hdw. Co.
 GADSDEN—Gadsden Hardware & Supply Co.
 HUNTSVILLE—McAnelly Hardware Co.
 MOBILE—Barney-Cavanagh Hardware Co. (General, Heavy, Ship Chandlery, etc., (Exporters)
 Cunningham Hardware Co. (General & Heavy)
 McGowan-Lyons Hardware & Supply Co.
 Price H. M. Hardware Co. (General)
 MONTGOMERY—Barnett G. W. Hardware Co. (General)
 Loeb Hardware Co. (Heavy & General)
 Teague Hardware Co. (Vehicles, General)
 Tullis-Gamble Hardware Co. (General & Heavy)
 OPELIKA—Phillips-Yarbrough Hdw. Co.
 Summers C. R.
 OXFORD—Burton & Co.
 ROANOKE—Griffin & Satterwhite Roanoke Hardware Co.
 SELMA—Robbins Hardware Co.
 Schuster Benj. J. (General, Builders' & Heavy)
 Selma Hardware Co.
 Tissier Hdw. Co.
 TROY—Simpson C. A.
 TUSCALOOSA—Allen & Jemison Co. (General)
 WETUMPKA—Gamble Hdw. Co.

ALASKA.

JUNEAU—Young C. W. Co.
 NOME—Darling & Dean Co.

ARIZONA.

NOGALES—Marsh Geo. B. (Inc.)
 Proto Bros.
 Roy & Titcomb (Heavy, etc.)
 PHOENIX—Arizona Hardware Supply Co.
 Pratt-Gilbert Co.
 Talbot & Hubbard
 Thayer Ezra W.
 PRESCOTT—Hill Samuel Hardware Co.
 TUCSON—Steinfeld Albert & Co.

ARKANSAS.

FORT SMITH—Atkinson-Williams Hardware Co. (General & Heavy)
 Speer Hardware Co. (General Machinery, etc)
 HELENA—Ark. & Miss. Hdw. Co.
 Helena Hardware Co.
 HOT SPRINGS—Whittington-Stearns Hardware Co. (General, Heavy & Carriage)
 LITTLE ROCK—Fones Bros. Hardware Co.
 Mast J. W.
 Rose-Lyon Hdw. Co. (General & Heavy)
 MAGNOLIA—Warnock W. H.
 PINE BLUFF—Fox Bros. Hdw. Co. (General)
 McGaughey Bros. Hdw. Co. (General & Stove)
 ROGERS—Benton County Hardware Co.
 TEXARKANA—Buhrman Pharr Hdw. Co.
 Hoffman Hardware Co.

CALIFORNIA.

FRESNO—O'Neil W. J. Co.
 HOLTVILLE—Imperial Valley Hdw. Co.
 LOS ANGELES—California Hardware Co. (General, Builders' & Tools), 500 E 1st
 Cass-Smurr-Damerel Co. (Jobbing Agents) (Stoves, Farming Tools, Hardware Specialties, etc.), 412 S Broadway
 Davenport L. M. Co. (General Agrl. Impls., etc.), 3478 E 5th
 Ducommun Hardware Co., 219 S Central av
 Harper & Reynolds Co. (General, Heavy, etc.), 152 N Main
 Hoffman Hardware Co. (General & Heavy)
 Hoffman-Marks Co. (Stoves), 226 S Main
 Holbrook, Merrill & Stetson (Stoves, Tinware, etc.), 200 S Central av
 Los Angeles Heavy Hdw. Co., 218 N Los Angeles
 Pacific Hardware & Steel Co., 923 E 3d
 Percival Iron Co., 232 Aliso
 Union Hardware & Metal Co., 401 E 1st
 Waterhouse & Lester Co., 325 N Los Angeles
 MODESTO—Turner Hardware & Implement Co.
 OAKLAND—Maxwell Hdw. Co.
 Western Heavy Hardware & Iron Co. (Inc.)
 PASADENA—Crown Hardware Co.
 PETALUMA—Schluckebier Hardware Co.
 REDDING—McCormick-Saeltzer Co.
 SACRAMENTO—Miller-Enwright Co. (Stoves, Tinware, Plumbers')
 Schaw-Batcher Co. (General & Heavy)
 Thomson-Diggs Co. (General)
 SAN DIEGO—Western Metal Supply Co.
 SAN FRANCISCO—Baker & Hamilton, 4th & Brannan
 Butler & Brittan, 55 Main
 Dunham, Carrigan & Hayden Co. (General, Heavy, Railway, Steamship, Brass Goods, etc.), Kansas & Division
 Harron, Rickard & McCone, 139 Townsend
 Heyman-Weil Co. (Heavy, Stoves, Tinware, etc.), 720 Mission
 Holbrook, Merrill & Stetson (Plumbers' & Tinnners', Tools, Machinery, etc.), 6th & Bluxome
 Judson Mfg. Co., 16th & Rhode Island
 Montague W. W. & Co. (Stoves, Tinware, etc), 577 Market
 Pacific Hardware & Steel Co. (All Lines in Iron & Steel), 7th & Townsend
 Pike A. W. & Co. (Mfrs.' Agents, Hardware, Tools, etc.), 711 Mission
 Scovel Iron Store Co. (Heavy), 754 Howard

Seller Bros. & Co. (Stoves, Tinware, etc.), 14 Spear
 Spotswood-Helfer Co. (Carriage & Heavy), 258 1st
 Tayler & Spotswood Co. (Carriage, etc.), 19th & Minnesota
 Waterhouse & Lester Co. (Carriage, Blacksmiths' & Horseshoers', etc), 540 Howard
 SAN JOSE—Stock Jno. Sons
 SAN PEDRO—Marine Hdw. Co.
 SANTA BARBARA—Ott Hdw. Co.
 STOCKTON—Austin Bros.

COLORADO.

ASPEN—Tomkins Lewis H. Hdw. Co.
 COLORADO SPRINGS—Lowell - Meservey Hardware Co.
 DENVER—Dillon Hardware Co. (Heavy & Blacksmiths' & Wagonmakers' Supplies)
 Moore Hardware & Iron Co. (General, Heavy, Carriage & Blacksmiths')
 Tritch Geo. Hardware Co. (General & Heavy)
 LEADVILLE—Tomkins H. H. Hardware Co.
 Western Hardware Co.
 OURAY—Arps Hardware Co.
 TELLURIDE—Tomkins-Cristy Hardware Co.
 TRINIDAD—Branson & Griswold Hdw. Co.

CONNECTICUT.

BRIDGEPORT—American Hdw. Stores, Inc., 140 Middle
 American Hardware & Supply Co.
 Chapman & Bangs Co. (Heavy & Carriage)
 Hawley Hardware Co. (Builders' & Manufacturers')
 Hunter & Havens (General, Heavy, Carriage & Blacksmiths')
 DANBURY—Danbury Hardware Co.
 Hull F. A. & Son
 DERBY—Hallock F. Co.
 HARTFORD—Blodgett & Clapp Co. (Importers Heavy & Carriage), 1417 Main
 Clapp & Treat (General & Sporting), 68 State
 Cone J. H. & W. E. (Builders'), 87 Asylum
 Emsworth L. L. & Son (Heavy, Mill & Carriage), 344 Front
 Knoek L. S. & Co., 188 State.
 Tracy, Robinson & Williams Co. (General, Tools, etc.), 78 Asylum
 MERIDEN—Church & Morse (General & Heavy)
 NEW BRITAIN—Abbe Hardware Co.
 NEW HAVEN—Bronson & Townsend Co. (General)
 Bushnell N. T. Co. (General, Tools, etc)
 Mersick C. S. & Co. (General, Heavy, Carriage, Tinnners', Plumbers', Mill, etc)
 NEW LONDON—Guest & Co. (Carriage, Blacksmith', Heavy, etc)
 Williams G. M. Co. (General & Heavy)
 NORWICH—Eaton-Chase Co. (General Mill, Electrical, etc)
 Preston Bros. (General, Electrical, etc)
 WATERBURY—Hamilton Hardware Corp. (Builders)
 Hotchkiss & Templeton (General & Heavy)
 Templeton Charles A. (Inc.) (General & Heavy)
 WILLIMANTIC—Jordan Hardware Co. (General & Sporting)

DELAWARE.

WILMINGTON—Capelle Hardware Co. (General & Heavy), 212 Market
 Delaware Hardware Co. (Builders', Coach & Heavy), 2d & Shipley
 Wilson Hardware Co. (Heavy & Carriage), 3d & Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Armentrout & Sons, 1710 14th, N W
 Barber & Ross, 11th & G. N. W.
 Hartig, Louis, 1001 7th, N W
 Kendall J. B. Co. (Coach Findings, Heavy Hardware, etc), 485 Mo. av
 Lambie Jas. B. Co., 1415 N. Y. av N W
 May F. P. Hardware Co. (General, Heavy & Cordage), 469 C. N. W.
 Rudolph & West Co., 1332 New York av

FLORIDA.

BRADENTOWN—Bradentown Hardware Co.
 GAINESVILLE—Baird Hardware Co. (General & Heavy)
 JACKSONVILLE—Baife Co. (General, Builders', Tools, etc.)
 Bond & Bours Co. (Heavy, Stoves, Implements, etc.)
 Cameron & Barkley Co.
 Florida Hardware Co. (General & Heavy, Pumps, etc.)
 Hubbard S. B. Co. (General & Heavy, Boilers, Plumbers', etc.)
 LIVE OAK—Suwanne Hardware Co.
 MIAMI—Budge Frank T. Co.
 OCALA—Marion Hardware Co. (General, Mill & Mining)
 PENSACOLA—Avery A. M. & Son
 Ray W. A. Hardware Co.
 ST. AUGUSTINE—Hamblen C. F. (General, Heavy, Saddlery, etc.)
 SANFORD—Fernald Geo. H. Hardware Co. (General & Heavy)
 TAMPA—Knight & Wall Co. (Exporters, General & Heavy)
 Tampa Hardware Co. (General)

GEORGIA.

AMERICUS—Harris J. W. (Stoves, Impls, etc.)
 Sheffield Co. (General, Heavy, Saddlery, Agrl. Impls.)
 ATHENS—Athens Hardware Co. (Inc.) (General, Heavy, Carriage, etc.)
 Fleming-Dearing Hardware Co. (General)
 ATLANTA—Beck & Gregg Hardware Co. (General, Heavy & Carriage)
 Crumley-Sharp Hardware Co. (Builders' & General)
 Dinkins-Davidson Hardware Co. (General, Heavy & Carriage)
 King Hardware Co. (General, Tinware, etc.)
 Kirkpatrick Hardware Co. (Carriage & Heavy)
 Stone F. I. & Co. (Mfrs.' Agents)
 AUGUSTA—Augusta Hardware Co. (Implements, etc.)
 BRUNSWICK—Georgia Hardware Co.
 COLUMBUS—Beach Wm. Hardware Co. (General & Heavy)
 Bush Hardware Co. (General)
 Methvin Hardware Co.
 Philips Hardware Co.
 CORDELE—Watt & Holmes Hardware Co.
 DALTON—Fite Hardware Co.
 DAWSON—Battle Hardware Co.
 DUBLIN—Stevens Hdwe Co.
 FITZGERALD—Watt & Holmes Hardware Co. (General)
 GAINESVILLE—Palmour Hardware Co.
 Pruitt-Barrett Hardware Co.
 HAWKINSVILLE—Whitfield Hardware Co.
 HELENA—Folsom & Tillman Hardware Co.
 LA GRANGE—Spinks Hdwe Co.
 McRAE—Folsom W. B.
 MACON—Dunlap Hardware Co. (General, Heavy, etc.)
 Merritt Hardware Co. (General, Heavy, etc.)
 OCILLA—Watt & Holmes Hardware Co.
 ROME—Griffin Hardware Co. (Inc.) (General, Tinware, etc.)
 Nixon-Smith Hardware Co. (General)
 Rome Hardware Co. (Inc.) (General, Tinware, etc.)
 SAVANNAH—Neal-Blun Co. (Builders')
 Peoples Hardware Co. (General)
 Semmes Hardware Co. (General, Cutlery, etc.)
 Weed J. D. & Co. (Shelf & Heavy Carriage & Wagon)
 VALDOSTA—Briggs W. H. Hardware Co.
 Roberts J. E. & W. P. Hdwe Co.
 Strickland-Tillman Hardware Co.
 WAYCROSS—Harley P. M. Hardware Co.
 Watt Hardware Co.

IDAHO.

BLACKFOOT—Neil F. Boyle & Co.
 BOISE—Carlson-Lusk Hardware Co. (Ltd.) (General Mining, etc.)
 Northrup Hardware Co. (Ltd.) (General, Heavy, etc.)
 Sweet-Teller Hdwe Co.
 LEWISTON—Erb Hdwe Co.
 WALLACE—Coeur D'Alene Hardware & Foundry Co. (General, Mining, etc.)

ILLINOIS.

BLOOMINGTON—Holder Hardware Co.
 Keiser-Van Leer Co. (Heavy)
 CAIRO—Woodward Hardware Co. (General & Heavy)
 CHICAGO—Allerton-Clark Co. (Mfrs.' Agents), 14 W Lake
 Biddle Purchasing Co., 208 S La Salle
 Bowler T. J. Hardware Co., 65 E Lake
 Bullard & Gormley Co. (General, Cutlery, Tools, Tin Plate, Sheet Iron Metals), 175 N State
 Butler Bros., Rand Bridge
 Cranston T. H. & Co. (Mfrs.' Agents), 56 E Randolph
 Draper & Snape (Blacksmiths' Supplies), 16 N Market
 Fox Wm. B. & Bro., 180 W Dearborn
 Henion & Hubbell (Pipe, Plumbers' Supplies), 219 N Jefferson
 Hibbard, Spencer, Bartlett & Co. (General, Household, Cutlery, Tin Plate, Woodenware, Paints, Oils, etc.), 303 N State Street Bridge
 Jones & Laughlin Steel Co. (Heavy, Railroad Supplies, Swedish Iron, etc.), 440 W Lake
 Kimball E. D. & Co., 159 N Market
 Merle Henry J. & Co., 1112 W 22d
 Reading Hardware Co., 117 W Lake
 Rehm Hardware Co., 1501 Blue Island av
 Ryerson J. T. & Son (Heavy, Iron & Steel Sheets, Plates, Bands, Bars, Shafting Bolts & Nuts, Angles, Boiler Mfrs.' Supplies, etc.), 2558 W 16th
 Trout Geo. W. & Co. (General, Cutlery, Tools, Kitchen, etc.), 17 E Lake
 DANVILLE—Conron Thos. Hdwe. Co. (Shelf)
 Dowling-Schultz Hardware Co. (Shelf, Heavy, etc.)
 Yeomans & Shedd Hardware Co. (Shelf, Heavy, etc.)
 DECATUR—Morehouse & Wells Co. (General Sporting Goods, Heavy, etc.)
 ELGIN—Elgin Saddlery & Harness Co.
 Hawthorne Hardware Co.
 Ziegler Bros. Co.
 FREEPORT—Weiss & Co.
 GALENA—Millhouse Bros. & Co.
 JOLIET—Barrett Hardware Co. (General & Heavy)
 MENDOTA—Holland & Co.
 MOLINE—Dunn Thomas & Sons
 PEKIN—Velde, Roelfs & Co. (Shelf, Heavy, Carriage & Tools)
 PEORIA—Clark-Smith Hardware Co. (Shelf, Builders, etc.)
 Cummings & Emerson (Heavy, Carriage, etc.)
 Walker Isaac Hardware Co. (Shelf, Builders, Sporting Goods, etc.)
 QUINCY—Gunter Hardware Co.
 Tenk Hardware Co. (General, Heavy, Cutlery, etc.)
 ROCK ISLAND—Rock Island Hardware Co. (General & Heavy)
 SPRINGFIELD—Miller W. B. & Son (Retail, Builders, General, etc.)
 STREATOR—Williams Hdwe. Co. (General)
 URBANA—Hall Chas. A. Hdwe Co.

INDIANA.

BLUFFTON—Williamson Hardware Co.
 COLUMBUS—Schwartzkopf's J. G. Sons
 CRAWFORDSVILLE—Crawfordsville Hardware Co. (General)
 ELKHART—Borneman & Sons
 EVANSVILLE—Boetticher & Kellogg Co. (Shelf Hardware)
 Bush E. M. Hardware Co. (Shelf)
 Clifford Hardware Co. (Shelf)
 Orr Iron Co. (Heavy, Blacksmiths, Carriage & Wagon, etc.)
 FORT WAYNE—Fort Wayne Iron Store Co. (Carriage, Wagon & Heavy)
 Ft. Wayne Oil & Supply Co. (Heavy, Carriage & Wagon)
 Mossman, Yarnelle & Co. (Heavy & Carriage)
 Pfeiffer Henry & Son Co.
 Schlatter C. C. & Co. (General Builders', Mill, etc.)
 Seavey Hardware Co. (Shelf)
 GARY—People's Hdwe Co.
 GOSHEN—Hawks Hardware Co. (General)
 HUNTINGTON—Reichenbach-Wickenhiser Co.

INDIANAPOLIS—Builders' Supply Corporation (General, Builders', Paints, Oils, etc.), 342 E Wash.
 Holliday W. J. & Co. (Heavy, Iron & Steel), 326 W Georgia
 Lilly & Stalnaker, 114 E Washington
 Standard Metal Co. (Tin Plate, Sheet Iron, etc.), 135 S Pennsylvania
 Tanner & Co., 216 S Meridian
 Van Camp Hardware & Iron Co. (General, Heavy, Carriage & Wagon, etc.), 401 W Maryland
 Vonnegut Hardware Co. (Builders', Cabinet, Heavy, Mill Supplies, etc.), 120 E Washington
 KOKOMO—Armstrong Landon Co.
 Kokomo Hardware Co.
 LAFAYETTE—Shipley Hardware Co. (General, Stoves, Tinware, etc.)
 Shuee-Bahls Hardware Co. (Shelf & Heavy)
 LOGANSPOUT—Ullery S. W. & Son
 MARION—Marion Hardware Co.
 MICHIGAN CITY—Staiger Hardware Co.
 MUNCIE—Kimbrough Hardware Co.
 NORTH VERNON—Tripp Co. (Heavy & General Farm Machinery)
 RICHMOND—Jones Hardware Co. (General, Agricultural Implements, etc.)
 Miller Bros. Hardware Co. (Cutlery, Fencing, Sporting Goods, Tinware, etc.)
 SOUTH BEND—Sibley Hdwe Co.
 TERRE HAUTE—Austin Hardware Co.
 Smith's C. C. Sons Co.
 Terre Haute Heavy Hardware Co.
 VINCENNES—Saiter-Morgan Co.

IOWA.

BURLINGTON—Burlington Iron Store Co. (Heavy)
 Donahue Robert Iron & Hardware Co. (Heavy, Blacksmiths', Carriage, etc.)
 Drake Hardware Co. (General)
 CEDAR RAPIDS—Larimer E. K. Hardware Co. (Heavy)
 Martinek J. M. Hardware Co. (General)
 CLINTON—Armstrong C. E. & Sons (General)
 Moeszinger-Marquis Hardware Co.
 COUNCIL BLUFFS—Empkie-Shugart-Hill Co. (General Shelf, Builders', Sporting Goods, etc.)
 DAVENPORT—Hanssen's Louis Sons (Hardware)
 Sickels & Preston Co. (General, Builders, etc.)
 Sieg Co. (Heavy, Carriage & Wagon Materials; also Agrl Impl. Specialties)
 DES MOINES—Brown-Camp Hardware Co. (General, Shelf, Builders', Sporting Goods, etc.)
 Des Moines Iron Co. (Heavy, Carriage, etc.)
 Kurtz L. H. Co.
 Luthe Hardware Co. (General, Shelf, Builders, etc.)
 DUBUQUE—Ernsdorff John Iron Co. (Heavy, Carriage, etc.)
 Tredway A. & Sons Hardware Co. (General, Heavy, Cutlery, etc.)
 FORT DODGE—Prusia Hardware Co. (General, Shelf, etc.)
 KEOKUK—Weber A. Co. (General, Heavy, etc.)
 LAKE MILLS—Styve Bros. (Hardware)
 MARSHALLTOWN—Abbott & Son
 MUSCATINE—Fuller & Hiller Hdwe. Co.
 OTTUMWA—Harper & McIntire Co. (General, Stoves, Cutlery, etc.)
 Hand B. A. Co. (General, Heavy, Miners, etc.)
 Haw Hardware Co.
 SIOUX CITY—Dymond-Simmons Hardware Co. (Handle, General, etc.)
 Knapp & Spencer Co. (General, Stoves, Ranges, Heaters, etc.)
 Sioux City Iron Co. (Heavy)
 WATERLOO—Cutler Hardware Co. (General, Shelf, Builders' & Sporting Goods)

KANSAS.

ATCHISON—Atchison Saddlery Co. (Saddlery)
 Blish, Mize & Silliman Hardware Co. (Shelf & General)
 Harwi A. J. Hardware Co. (General, Sporting Goods, etc.)
 Klostermeier Bros. Hardware Co.

EMPORIA—Haynes Hdwe Co.
 FORT SCOTT—Penniman A. C. & Sons
 Hardware Co.
 HUTCHINSON—Frank Calladay Hdwe Co.
 LAWRENCE—Aching, Chas. J.
 LEAVENWORTH—Crancer Hardware Co.
 (General Tinners', Harness, Cut-
 lery, Sporting Goods, etc)
 PARSONS—Steele Hdwe Co.
 SALINA—Lee Hardware Co. (General &
 Heavy)
 TOPEKA—Thompson W. A. L. Hardware
 Co. (Shelf & Heavy)
 WICHITA—Massey Iron Co. (Heavy,
 Blacksmiths', etc)
 Morton-Simmons Hardware Co.
 Shattuck-George Iron Co. (Heavy &
 Blacksmiths')

KENTUCKY.

ASHLAND—Williamson Ben & Co.
 CATTLETTSBURG—Mims A. & Co. (Gen-
 eral & Heavy)
 HENDERSON—Blackwell P. A. & Co.
 (General)
 Lambert-Grisham Hardware Co.
 HOPKINSVILLE—Forbes Mfg. Co. (Gen-
 eral, Tinware, etc)
 LEXINGTON—Van Deren Hardware Co.
 (General & Heavy)
 LOUISVILLE—Belknap Hardware & Mfg.
 Co. (General, Heavy, Carriage,
 Saddlery)
 Fulton, Conway & Co. (Wagon & Car-
 riage Makers' Tools, Supplies &
 Hardware, Wire Nails, etc.)
 Hidden Otis Co. (Cabinet)
 Louisville Tin & Stove Co.
 Robinson Bros. & Co. (General, Cut-
 lery, Saddlery, Guns, Agricultural
 Implements, Paints, etc)
 Stratton & Terstegge Co. (General,
 Stoves, Tinware, Tinners' Supplies,
 Woodenware, Roofing, etc.), 15th
 & Main
 Todd-Donigan Iron Co. (Heavy, Wag-
 on Makers' & Blacksmiths' Tools,
 Mine, Quarry & Railroad Supplies)
 OWENSBORO—Guenther Hardware Co.
 (General, Heavy & Carriage Rail-
 road)
 Owensboro Hardware & Iron Co.
 (Heavy, Railroad, etc)
 PADUCAH—Hank Bros. (General)
 Michael M. & Bro.
 PAINTSVILLE—Big Sandy Hdw. Co.
 (Gen'l)

LOUISIANA.

ALEXANDRIA—Brown-Roberts Hdwe &
 Supply Co. (Ltd.)
 BATON ROUGE—Doherty Hardware Co.
 (General, Cordage, etc)
 Fuqua Hardware Co. (General)
 LA FAYETTE—Lacoste Hardware Co.
 LAKE CHARLES—Murray-Brooks Hard-
 ware Co. (Ltd.)
 MONROE—Monroe Hardware Co. (General)
 NEW ORLEANS—Baldwin A. & Co. (Gen-
 eral, Heavy Stove, Machinery, Mill
 Supplies, Agrl. Implts., Crockery,
 etc.), Camp & Common
 Pitard's G. Sons (General, Paints,
 Wallpaper, etc.), 1031 Canal
 Rowan P. P. Co., 920 Perdido
 Schwartz Jos. Co., 548 Baronne
 Stauffer, Eshleman & Co. (Ltd.), (Gen-
 eral, Heavy, Stoves, Cutlery, Fire
 Arms, etc.), 511 Canal
 Woodward, Wight & Co. (Ltd.) (Gen-
 eral, Heavy, Cutlery, Mill Supplies,
 Ship, Chandlery, etc), Howard av
 & Constance
 RUSTON—Ruston Hdwe. & Furn. Co.
 SHREVEPORT—Buckelew Hardware Co.
 Lee Hardware Co., Ltd. (General Cut-
 lery, Stoves, Glassware, etc.)
 Thomas-Ogilvie Hardware Co. (Han-
 dle, General, etc)
 THIBODAUX—Planters' Hardware Co.
 (General, Heavy, Cutlery, Mill
 Supplies, etc)

MAINE.

AUGUSTA—Brooks Hardware Co.
 BANGOR—Bragg N. H. & Sons (Heavy,
 Carriage, etc)
 Dickey Wm. P. & Co. (General)
 Haynes & Chalmers Co. (General,
 Heavy, Saddlery, etc)
 Rice & Miller Co. (General, Explo-
 sives, etc)
 BATH—Johnson Bros. Co. (General, Heavy,
 Ship Chandlery)

BRUNSWICK—Eaton Hardware Co. (Gen-
 eral)
 EASTPORT—Wadsworth S. L. & Son
 FT. FAIRFIELD—Cary L. K. Co.
 HOULTON—Watson John & Co. (General,
 Cutlery, Agr'l Implts, etc)
 LEWISTON—Hall & Knight Hardware Co.
 (General Plumbers', Pipe, etc)
 PORTLAND—Corey E. & Co. (Heavy,
 Wagonmakers', Blacksmiths' &
 Lumbermen's Supplies), 195 Com-
 mercial
 Edwards & Walker Co. (General &
 Heavy), Monument sq
 Emery-Waterhouse Co. (General &
 Heavy), 143 Middle
 King & Dexter Co.
 Talbot, Brooks & Ayer, 269 Middle
 ROCKLAND—Crie H. H. & Co. (General)

MARYLAND.

BALTIMORE—Adams J. R. M., Eutaw &
 Franklin
 Anderson & Ireland Co. (General), 111
 Light
 Carlin & Fulton Co., 309 W German
 Cole W. H. & Sons (General, Heavy,
 Cutlery, Explosives, Contractors'
 & Electrical Supplies), 40 S
 Charles
 Conway Wm. A., 626 Forrest
 Duer Jno. & Sons (Cabinet), 36 S
 Charles
 Duke Peterson Hardware Co. (Gen-
 eral, Heavy, Cutlery & Fire Arms).
 113 W German
 Edmunds W. C. & Son, 112 S Howard
 Galloway, James Co., 121 W Pratt
 Keidel Henry & Co. (Shelf, Heavy, etc)
 405 W German
 Neily Joseph W. (Marine), 121 South
 Norris R. W. & Sons, 342 N Gay
 Payne E. Scott Co., 362 N Gay
 Taylor Supply Co., 937 Fell
 Whiting W. H. & Co. (Marine), 222 E
 Pratt
 Wilcox Hdw. & Iron Co. (Gen'l), 406
 N Gay
 CUMBERLAND—Wilson & Pugh (General,
 Mining & Mill Supplies)
 FREDERICK—Hargett P. L. & Co.
 Quynn Allen G. & Co.
 SALISBURY—Dorman & Smyth Hardware
 Co.
 Gunby L. W. Co. (General, Machinery,
 etc)

MASSACHUSETTS.

BOSTON—Atlantic Coast Hdw. Co., 134
 Pearl
 Austin & Doten, 102 North
 Berman Samuel, 28 Post
 Bigelow & Dowse Co. (General, Heavy,
 Builders', Machinists', Mine,
 Skates, Cutlery, Household, etc),
 229 Franklin
 Breck Jos. & Son, Corp'n (Implements
 & Poultry), 55 Franklin
 Brown-Wales Co. (Heavy), 489 C
 Burditt & Williams Co. (General &
 Builders'), 95 Summer
 Butts & Ordway Co. (Heavy & Car-
 riage), 33 Purchase
 Chandler & Barber Co. (Tools, Cutlery
 & Builder's), 124 Summer
 Chandler & Farquhar Co. (Machinists
 & Mechanics Tools & Supplies), 36
 Federal
 Chase, Parker & Co. (Heavy, Carriage,
 etc.), 81 Pearl
 Dame, Stoddard Co. (Cutlery, etc), 374
 Washington
 Dana Hardware Co. (General, Cutlery,
 Firearms, Saddlers, Cordage, etc.),
 28 Pearl
 Davis S. H. Co. (General & Builders'),
 68 Portland
 Decatur & Hopkins Co., 120 High
 Dodge Haley Co. (Heavy), 218 High
 Fitz Dana & Co., 110 North
 Foss E. P. Co., 56 Pearl
 Frye, Phipps & Co. (General, Wooden-
 ware, etc), 23 Pearl
 Hardware Agency Co. (Mfrs' Agents),
 Builders', 224 Franklin
 Harvey A. C. Co. (Heavy), 374 Con-
 gress
 Herrick Co. (Heavy, Metal), 49 Broad
 Manufacturers Equipment & Engineer-
 ing Co., 136 Federal
 Richards & Co., 200 Causeway
 Sanderson E. P. Co. (Heavy), Third
 Waite, Ranlet & Co., 80 Broad
 Wilkinson A. J. & Co. (General, Tool
 Steel, Tools, Sheet Brass, Rods &
 Wire), 184 Washington

CAMBRIDGE—Sanderson E. P. Co.
 (Heavy)
 FALL RIVER—Congdon, Carpenter & Co.
 (Heavy, Carriage & Blacksmiths)
 Neill Joseph O. Hardware Co.
 FITCHBURG—Fitchburg Hardware Co.
 (General & Heavy, Agr'l Tools,
 etc)
 GREENFIELD—Stearns Joel M. (General,
 Heavy & Contractors' Supplies)
 HAVERHILL—Hanscom Hardware Co.
 (General, Blacksmiths', etc)
 HOLYOKE—Russell J. & Co. (Heavy)
 LAWRENCE—Robinson Hardware Co.
 Treat Hardware & Supply Co. (Mill
 Supplies)
 LOWELL—Bartlett & Dow Co. (General &
 Agricultural Tools)
 Boutwell Bros. (Heavy, Carriage &
 Blacksmith')
 Thompson Hardware Co. (Builders',
 Cutlery)
 LYNN—Hutchinson W. Henry (Est. of)
 (General), 49 Monroe
 MIDDLEBORO—Pierce Thos W. Hardware
 Co.
 NEW BEDFORD—Butler Wm. P. & Sons
 (General, Tinware, Cutlery, Tool)
 NORTH ADAMS—Burlingame & Darbys
 Co. (General & Heavy)
 PALMER—Buck E. A. & Co. (General,
 Saddlery, etc)
 PITTSFIELD—Barris-Kenyon Co. (Hard-
 ware & Mill Supplies)
 Berkshire Hardware Co.
 Peirson Hardware Co. (General)
 SPRINGFIELD—Carlisle Hardware Co.
 Chapman & Brooks Co. (General)
 Foot, Homer & Co. (General, Heavy,
 Carriage, etc)
 Law J. Douglas Co.
 Lewis Charles C. Co. (Carriage &
 Heavy)
 TAUNTON—Pierce Hardware Co.
 TURNER FALLS—Webster F. I. Co.
 WESTFIELD—Bryan Hardware Co.
 WORCESTER—Blake Geo. F. Jr. & Co.
 (Heavy, Carriage, etc)
 Buck & Co., E. A., (Hardware, Oils)
 Duncan & Goodell Co. (General, Cut-
 lery, Tools, etc)
 Pratt & Inman (Heavy Iron & Steel,
 etc)
 Ross Bros. Co. (General Agricultural
 Tools, etc)

MICHIGAN.

ALPENA—Potter Hardware Co.
 BATTLE CREEK—Bock-Walker Co.
 BAY CITY—Bay City Hardware Co.
 Jennison Hardware Co. (General &
 Heavy)
 CALUMET—Carlton Hardware Co.
 Keckonen Hardware Co.
 DETROIT—Buhl Sons & Co. (Heavy,
 Shelf, Builders', Cutlery, Tin Plate,
 Metals, Iron & Steel, etc.), 103
 Woodbridge, W
 Delamater Hardware Co. (General,
 Heavy, Cutlery, Iron & Steel), 8
 Woodward av
 Gregg Hardware Co., 44 Cadillac sq
 Rayl T. B. Co. (General, House Fur-
 nishings, etc.), 3 Grand River av
 Roehm & Davison (Heavy & Car-
 riage), 93 Woodbridge av
 Standart Bros. (Ltd.) (General), 155
 Woodbridge av
 Strelinger Chas. A., 96 Bates
 Weber Henry C. Co. (General, House-
 hold, etc.), 230 Woodward av
 ESCANABA—Delta Hardware Co. (Gen-
 eral & Heavy)
 Escanaba Hardware Co.
 FLINT—Hubbard Geo. W. Hardware Co.
 (Heavy, etc)
 GRAND RAPIDS—Foster, Stevens & Co.
 (General, Heavy, Sporting Goods)
 Gleye Hardware Co.
 Hall Sherwood Co. (Saddlery, Car-
 riages & Auto Accessories)
 Kutsche C. H.
 Michigan Hardware Co.
 Van Bree Arie
 HOUGHTON—Portage Lake Hardware Co.
 (Ltd.)
 Swift I. E. Co. (General & Heavy)
 JACKSON—Smith-Winchester Co. (Gen-
 eral, Heavy, Carriage, etc)
 KALAMAZOO—Edwards & Chamberlain
 Hardware Co. (General, Heavy &
 Carriage)
 MANISTEE—Vincent-Wolters Co.
 MARQUETTE—Manhard M. R. & Son
 (General & Heavy)

MENOMINEE—Northern Hardware & Supply Co. (General, Heavy, Tools, etc)
MONROE—Steiner's Wm. Sons (General, Heavy, etc)
PETOSKEY—Northern Hardware Co. (General)
PORT HURON—Beard, Campbell & Co. (General, Heavy, Carriage, etc)
 Boyce Hardware Co. (General, Heavy, Tinware, etc)
SAGINAW—Morley Bros. (General, Heavy, Saddlery, Carriage, etc)
 Popp & Wolf (Wall Paper)
 Saginaw Hardware Co. (General, Heavy, etc)
SAULT SAINT MARIE—Soo Hardware Co. (General & Heavy)

MINNESOTA.

DULUTH—Kelly Hardware Co.
 Kelly-How-Thomson Co. (General, Heavy, etc)
 Marshall-Wells Hardware Co. (All Lines in Steel & Iron)
 National Hardware & Supply Co.
MINNEAPOLIS—Butler Bros., 6th & 1st av N
 Derickson G. P. Co. (Cabinet), 18 N 3d
 Gardner Hardware Co., 304 Henn av
 Gopher Hardware Co., 212 N 1st
 Hall Hardware Co., 517 N 3d
 Hudson & Thurber Co. (Thresher Supplies), 308 3d av N
 Janney, Semple, Hill & Co. (General, Cutlery, Shelf & Heavy, Plumbers', Tinware, Sheet Metal, Firearms, Cordage, Rope, etc), 1st av & Second
 Minneapolis Iron Store Co. (Heavy, Blacksmiths', Wagonmakers' & Machinists' Tools & Supplies), 204 N 2d
 Morison W. K. & Co., 15 S 7th
 Simmons Hardware Co. (General, Farming Tools, etc), 4th & 2d av N
 Thompson J. M. & Sons Hardware Co., 608 1st av N
 Warner Hardware Co., 13 S 6th
 Williams Hardware Co. (Heavy, Wagonmakers' & Blacksmiths' Supplies), 100 Second av N
ST. PAUL—Decker Adam Hardware Co. (General, Tinnners' Supplies, Cutlery, etc), 347 Jackson
 Farwell, Ozmun, Kirk & Co. (General, Tinnners' Tools & Supplies, Butchers' Tools & Supplies, Builders', Household, Saddlery, etc.), 2d & Jackson
 Hackett-Gates Hurty Co. (General, Builders' Tools, Tinnners' Stock, Cutlery, Shelf, Wagon & Saddlery, etc), Fourth & Rosabel
 Nicols, Dean & Gregg (Heavy, Iron, Steel, Lumbermen's Supplies, etc.), 8th & Sibley
 Reed Motor Supply Co., 78 W 7th
 Robinson, Cary & Sands Co., 4th & Wasonta
STILLWATER—Stillwater Hardware Co.
WINONA—Cone R. D. Co. (General)

MISSISSIPPI.

ABERDEEN—Lann & Carter Hardware Co. (General)
COLUMBUS—Columbus Hardware & Furniture Co.
GREENVILLE—Geise Mann Hardware Co.
GREENWOOD—Henderson & Baird Hardware Co. (General & Heavy)
HATTIESBURG—Hawkins Hardware Co.
JACKSON—Addikson & Bauer
 McClelland Thos. Hardware Co.
MERIDIAN—Melton Hardware Co. (General, Cutlery, etc)
NATCHEZ—Baker & McDowell Hardware Co. (General, Agrl. Impls., Crockery, etc)
 Feltus Bros.
 Schwartz & Stewart (General Agrl. Impls., etc)
VICKSBURG—Hoffman Louis Hardware Co.
 Richardson-Lee & Co. (General, Tinware, etc)
 Wright Bros. Hardware Co. (General)
YAZOO CITY—Crane-Hamel Hardware Co. (General)
 Yazoo Hardware Co. (General & Heavy)

MISSOURI.

DEXTER—Miller-Ulien Carter Hardware Co.
JOPLIN—Halyard Hardware Co.
 Joplin Hardware Co.
KANSAS CITY—Bonnwell-Calvin Iron Co. (Carriage & Wagon Materials, Iron & Steel, etc.), 1 05 W 10th
 Bunting Hardware Co. (Builders'), 810 Walnut
 Curtin & Clark Hardware Co.
 Faeth Iron Co. (Carriage & Wagon Materials, Iron & Steel), 1125 W 8th
 Haysler Iron Co. (Iron & Steel & Heavy Hardware), 1206 Union av
 Richards & Conover Hardware Co. (General, Heavy & Sporting Goods, etc.), 5th N W cor. Wyandotte
 Townley Metal & Hardware Co. (General, Builders', etc.), 2d, S W cor. Walnut
 Wengert Hardware Co., 1221 Grand av
NEOSHA—Briggs Hardware Co. (General & Heavy)
ST. JOSEPH—Robinson Heavy Hardware Co. (Heavy & Carriage)
 Ross Frazer Iron Co. (Heavy, Carriage & Wagon Material, etc)
 Wyeth Hardware & Mfg. Co. (General, Heavy & Saddlers', Sporting Goods, Cutlery, etc)
ST. LOUIS—Beck & Corbitt Iron Co. (Heavy Carriage, Wagons, etc.), 1230 N Main
 Campbell Iron Co. (Heavy), Cass av, bet 8th & 9th
 Geller, Ward & Hasner Hardware Co. (General, Tinware, etc.), 414 N 4th
 Handlan-Buck Mfg. Co. (Foundry, Machine Shop, etc.), 210 N 3d
 Rubelman G. A. Hardware Co. (General), 907 N 6th
 Rubelmann-Lucas Hardware Co. (Cabinet, Heavy, Carriage & Wagon Material), 1939 N B'way
 St. Louis Iron Store Co. (Heavy, Carriage & Wagon Materials), 700 Cass av
 Schroeter Bros. Hardware Co. (Builders'), 717 Wash. av
 Shapleigh Hardware Co. (General Cutlery, Household, Sporting Goods, Carriage & Wagon Materials, etc), 4th & Washington av
 Simmons Hardware Co. (General, Builders', Farming Tools, Cutlery, Household, Toys, Stoves & Ranges, Tinnners' Tools & Supplies, Metal Roofing, Paint, Oils, Automobile Supplies, etc.), 9th & Spruce
 Sligo Iron Store Co. (Iron & Steel, Carriage, Wagon, etc), 6th & O'Fallon
 Standard Stamping Co. (Sheet Metal Goods), B'way & Chambers
 Wachter Emil & Son Hardware Co., 1402 S B'way
 Witte Hardware Co., 706 N 3d
 Witte & Wenrath Hardware Co. (Shelf, Sporting Goods, Cutlery, etc), 706 N 3d
SPRINGFIELD—McGregor-Noe Hardware Co. (General, Builders' Heavy Carriage & Wagon Material, Sporting Goods & Implements)
 Rogers & Baldwin Hardware Co. (General Builders', Heavy, Carriage & Wagon Material, Sporting Goods, Implements, etc)
WEBB CITY—Franz Hardware Co. (General)

MONTANA.

ANACONDA—Anaconda Copper Mining Co. (General, Heavy & Mining)
 Stagg J. P.
BILLINGS—Billings Hardware Co. (General & Heavy)
BUTTE—Anaconda Copper Mining Co.
 Montana Hardware Co. (General, Heavy & Mining)
GREAT FALLS—Murphy-MacClay Hardware Co. (General, Heavy, Carriage, etc)
 Northern Hardware Co.
HELENA—Helena Hardware Co. (General)
 Holter A. M. Hardware Co. (General, Heavy, Mining, etc)
KALISPELL—Kalispell Mercantile Co.
LEWISTOWN—Montana Hardware Co.
MISSOULA—Missoula Mercantile Co. (General)

NEBRASKA.

ALLIANCE—Newberry C. A. (Implements & Harness)
HASTINGS—Lawson C. K. Hardware Co.
 McGrath J. H. Hardware Co.
LINCOLN—Henkle & Joyce Hardware Co. (General)
OMAHA—Baum Iron Co. (Heavy, Carriage & Wagon Materials)
 Lee-Coit Andreesen Hardware Co. (Builders', Shelf & General)
 Morton Jas. & Son Co. (Packing House Ice Tools & Builders', Shelf Hardware, etc)
 Omaha Iron Store Co. (Heavy, Carriage & Wagon Material)
 Paxton & Gallagher Co. (General, Builders', Shelf, Harness, Sporting Goods, etc)
 Wright & Wilhelmy Co. (General, Builders', Shelf, Harness, Sporting Goods, etc)

NEW HAMPSHIRE.

CONCORD—Thompson & Hoague Co. (General, Heavy, Carriage, etc)
MANCHESTER—Manchester Hardware Co. (General & Heavy)
 Varick John B. Co. (General, Heavy, Carriage, etc)
NASHUA—Ambrose Thomas B.

NEW JERSEY.

DOVER—Berry S. H. Hardware Co.
ELIZABETH—Elizabeth Hardware Co. (General)
MORRISTOWN—Phillips A. G. & Son
NEWARK—Banister & Pollard Co., 206 Market
 Crane Co. (Heavy, Factory & Mill Supplies), 84 Mechanic
 Crane & Milligan (General, Plumbers' Supplies, etc), 54 Mechanic
 Macknet & Doremus (General, Heavy, etc.), 796 Broad
 Rising & Thorne, 475 Broad
ROE & CONOVER (General, Heavy, Plumbers', Steamfitters' Tools), 206 Frelinghuysen av
 See adv index at end of book
NEW BRUNSWICK—Weigel Philip, Jr.
PATERSON—Cleveland J. W. Hardware Co. (General, Builders' & Grocers' Supplies), 81 Broadway
 Doremus John T. Co. (General & Blacksmiths & Wheelwrights' Supplies), 66 Washington
 Mills H. W. & Co. (Mill Supplies), 59 Washington
 Myers Geo. A. & Co. (Builders', Mill, Factory & Plumbers' Supplies), 63 Washington
 Van Winkle J. A. Co. (General & Heavy), 168 Main
TRENTON—Katzenbach F. S. & Co.

NEW MEXICO.

ALBUQUERQUE—Korber J. & Co. (Vehicles, Harness, Hdwe. & Impls.)
 Whitney Hardware Co.
RATON—Hobbs Hardware Co.
ROSWELL—Roswell Hardware Co.
SILVER CITY—Cox W. S.

NEW YORK.

ALBANY—Albany Hardware & Iron Co. (General, Heavy, etc)
 Turner Chas. H.
 Woodward Co. (Carriage, Wagon, Saddlery, etc)
ALBION—Waterman G. M.
AMSTERDAM—Larrabee John E. Co. (General & Heavy)
BATH—Peck Geo. W. Co.
BINGHAMTON—Babcock, Hinds & Underwood (General & Heavy)
 Crocker & Ogden Co. (General, Heavy, Carriage, etc)
 Kingsley L. J. Co.
BUFFALO—Beals & Co. (General, Heavy, Carriagemakers', Mill & Factory Supplies, Iron & Steel, etc.), 50 Terrace
 Bergman W. Hardware Co., 44 E Genesee
 Buffalo Wholesale Hardware Co. (General & Heavy), 317 Washington
 Enos & Sanderson, 43 Carroll
 Neal Co.
 Republic Metalware Co., 90 Alabama

Taylor H. D. Co. (Heavy & Carriage, Trimmings), 103 Oak
 Walbridge & Co. (General & Household Heavy, Builders', etc.), 392 Main
 Weed & Co. (General, Heavy, Cutlery, Tools, Railway & Shop Supplies, Silverware, etc.), 95 Swan
CANANDAIGUA—Peck Hardware Co.
COHOCTON—Peck Geo. W. Co.
ELLENVILLE—Du Bois L. & Co.
ELMIRA—Barker, Rose & Clinton Co. (General & Heavy)
 Booth Irving D., Inc. (Heavy)
 Gridley-Fuhrman Martin Co.
FORT PLAIN—Tanner A. E. Hardware Co.
GLENS FALLS—De Long Son
Sawyer J. E. & Co.
GLOVERSVILLE—Batcheller E. S. & Co.
 Durkee E. L. & Co.
HORNELL—Peck Frank B. Co. (General)
HUDSON—Rogerson J. C. & Co.
ITHACA—Driscoll Bros. & Co. (Builders' Hardware)
 Rumsey C. J. & Co.
 Treman, King & Co. (General)
JAMESTOWN—Clark Hardware Co. (General & Light Agrl. Impls.)
 Lundquist C. A. & Co.
KINGSTON—Johnson J. T. (General & Heavy)
 Winne L. S. & Co. (General, Blacksmiths', etc.)
LITTLE FALLS—Skinner & Oyston
LOCKPORT—Chadwick & Morris
MALONE—Malone Hardware Co.
 Thompson H. D. & Co. (Heavy, Saddlery, etc.)
NEWBURGH—Holland Hardware Co.
 Lawson Hardware Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Kiley Thos. W. & Co., 57 Grand

Boroughs of Manhattan and Bronx.

NEW YORK—Alder Benj. S. Co. (Mfrs.' Agents & Exporters), 37 Warren
 Baker & Hamilton (General, Agr'l Implements, etc.), 45 B'way
 Barron Jas. S. & Co. (Woodenware, Skates, etc.) (Exporters), 221 W B'way
 Baynon C. A. Co. (Jobbers & Commission) (General & Heavy), 91 Reade
 Biddle Purchasing Co. (Purchasing Agents & Commission Buyers), 105 Chambers
 Blumberg W. L. & Co., 92 Chambers
 Boker H. & Co. (Importers of Hardware, Cutlery, etc.), 101 Duane
 Braunfels, Browning & Co., 1940 Park av
 Brombacher A. F. & Co., 31 Fulton
 Brower Roy L. & Co. (Coated Wire Nails), 12 Cedar
 Burger & Baumgard (Cutlery, etc.) (Jobbers & Exporters), 88 White
 Burroughs-Baldwin Co., 87 Warren
 Butler Bros., 495 B'way
 Carpenter & Bayles (Hardware, Handles, etc.) (Domestic & Export), 100 Walker
 Carter R. K. & Co. (Purchasing Agents & Commission Buyers), 66 Reade
 Cavanagh Bros. & Co. (Woodenware & House Furnishings), 89 Warren
 Curley J. & Bro. (Importers & Jobbers of Cutlery), 306 B'way
 Droscher S. R. (Importer of Razor Hones, Cutlery & Hardware Specialties), 79 Warren
 Dunham, Carrigan & Hayden Co. (General, Heavy, Railway, Steamship, Brass Goods, etc.), 127 Duane
 Durkee Chas. D. & Co. (Marine Hardware), 2 South
 Duryee Peter & Co. (Jobbers & Retailers of General Hardware), 66 Vesey
 Eggers Aug. (Exporter) (Hardware, Implements, Gas & Steam Fitters' Specialties), 97 Warren
 Field Alfred & Co. (Importers & Exporters) (Cutlery, Guns, Anvils, Chains, etc.), 93 Chambers

Folsom H. & D. Arms Co., 314 B'way
 Fox Wm. B. & Bro. (Importers & Exporters, Purchasing Agents & Commission Buyers), 21 Warren
 Frasse Co. (Importers, Jobbers, etc.) (Mechanics' Tools, etc.), 170 Fulton
 Gerstner A. W. Co., 634 8th av
 Gifford Jno. A. & Son (Exporters & Importers of Carriage Hardware & Supplies), 25 Park pl
 Goldberg Chas. H. & E. S. (Importers & Exporters) (Woodenware, Cordage, etc.), 114 Reade
 Goldenblum Wm. & Co., 17 Murray
 Graef & Schmidt (Importers & Exporters of Cutlery), 107 Chambers
 Graham Jno. H. & Co. (Mfrs. & Mfrs.' Agents & Exporters of Hardware, Tools & Specialties), 113 Chambers
 Hammacher, Schlemmer & Co., 133 4th av
 Harmon & Dixon (Mfrs.' Agents) Hardware & Specialties), 117 Chambers
 Harris Delancey P. Hardware Co. (Mfrs.' Agent & Commission Merchant, Domestic & Export), 24 Murray
 Hendricks & Class (Mfrs.' Agents) (Heavy & Marine, Tools, Ship Chandlery, Railway & Dock Builders' Supplies, etc.), 30 Church
 Jacobus Wm. H. (Mfrs.' Agent) (Builders & General, Specialties), 79 Walker
 Jennings C. E. & Co. (Mfrs. & Mfrs.' Agents, Mechanics' Tools & Specialties), 71 Murray
 Kleine Wm. E. & Co. (Wagon & Carriage Materials), 120 W B'way
 Larkin J. K. & Co. (Jobbers, Nails, etc.) 34 Reade
 Lockwood Co. (Builders & Shelf Hardware), 16 Reade
 McCarty J. C. & Co. (Mfrs.' Agents) (General & Blacksmiths', Machinists & Garden Tools, etc.), 29 Murray
 McCoy Jos. F. Co. (Mfrs.' Agents, Importers & Exporters of Heavy Hardware, Cutlery, Tools, etc.), 157 Chambers
 Markt & Hammacher Co. (Importers & Jobbers, House Furnishing Goods & Hardware Specialties), 194 West
 Mashbach Hardware Co. (General, etc.), 84 Warren
 Montgomery & Co. (Tools & Supplies for Machinists, Railroads, Mills, Contractors, etc.), 105 Fulton
 Morrison Richard H., 1200 3d av
 Murray Robert (Screws, Shovels, Hoes, etc.), 85 Warren
 Neal B. B. Hardware Co., 117 Leonard
 Neal & Brinker Co. (General, etc.), 81 White
 Oliver Bros. (Syndicate Purchasing Agents) (General & Heavy, Plumbers' Supplies, etc.), 71 Murray
 Patterson Bros., 27 Park row
 Patterson, Gottfried & Hunter (Machinists', Railroad, Mill & Contractors' Tools & Supplies) 211 Centre
 Patterson & Harral (Cutlery, House Furnishing, etc.), 88 White
 Peck & Mack Co. (Importers & Exporters & Manufacturers' Agents) (General), 356 B'way
 Pruden W. E. Hardware Co., 864 8th av
 Quinn W. H. & Co. (Commission & Mfrs.' Agents), 103 Chambers
 Rouss C. B., 549 Broadway
 Sargent & Co., 94 Centre
 Shepard Edw. G. (Mfrs.' Agents) (Builders' & General), 102 Chambers
 Sickels-Loden Co., 56 Murray
 Silverman Hyman H., 164 Canal
 Simmons Hardware Co. (Buying Office for St. Louis, Mo.), 17 Battery pl
 Smith Chas. J. & Co. (Tools, etc.), 42 Murray
SMITH & HEMENWAY CO. (Mfrs. & Importers Hardware Specialties), 99 Chambers
See adv index at end of book
 Sperry & Alexander Co., 79 Chambers
 Striffer Edward C. (Carriage & Wagonmakers' Supplies), 591 11th av.

Surpluss, Dunn & Co. (Mfrs.' Agents & Exporters) (Heavy, Tools, Handles & Specialties), 74 Murray
 Tiebout W. & J. (Mfrs. & Dealers) (Brass Galvanized, Ship Chandlery), 118 Chambers
 Topping Bros. (Importers, Exporters, Mfrs.' Agents & Commission) (Heavy & Marine), 122 Chambers
 Underhill, Clinch & Co. (Jobbers) (Builders' Tools, Shovels, Lawn Mowers, etc.), 84 White
 Voigt, Starr & Co. (Cutlery, Plated Ware, Revolvers, Tools, Vises, Clamps, etc.), 84 Chambers
 Vom Cleff & Co. (Importers German Hardware, Cutlery & Tools), 105 Duane
 Von Thaden & Meyer (General), 74 Murray
 Weiland Chas. (Cutlery, Mechanics' Tools, etc.), 149 Chambers
 Wiebusch & Hilger (Ltd.) (Importers & Mfrs.' Agents, Hardware Specialties, Anvils, Chains, Cutlery, etc.), 106 Lafayette
 Witte Francis T. Hardware Co. (Importers, Exporters & Mfrs.' Agents) (Hardw., Cutlery, Tools, Refrigerators, etc.), 106 Chambers
 Wood H. P. & Son (Trunk), 20 Reade

(End of New York City)

NIAGARA FALLS—Elderfield-Hartshorn Hardware Co.
NORTH TONAWANDA—Cramer Thomas Co.
OGDENSBURG—Hackett Patrick Hardware Co. (General & Iron & Steel)
ONEIDA—Eells & Mott Co. (Carriage Hardware & Iron & Steel)
 Ruby Geo. H. Hardware Co. (& Retail)
PENN YAN—Hollowell & Wise Co.
 Peck Geo. W. Co.
PLATTSBURGH—Marshall A. H. Co. (General & Builders')
 Myers M. P. & Co. (General)
ROCHESTER—Bennett & Mason Co. (Stoves, Furnaces & Household Specialties), 154 State
 Ernst Louis & Sons (General, Builders, Tools, etc.), 43 South av
 Hebing Henry & Sons (Heavy, Iron), 107 North
 Mathews & Boucher (General, Tools, Tinners', etc.), 26 Exchange
 Roby Sidney B. Co. (Heavy, Iron & Steel, Automobile & Bicycle Supplies), 208 South av
 Weave Hardware Co., 31 Main E
 Weed Co., 15 Exchange
ROME—Wardwell Hardware Co. (General, Heavy, Carriage)
SAUGERTIES—Lamb's Daniel Son
SCHENECTADY—Witbeck, Clark Co. (General & Heavy)
SYRACUSE—Burhans & Black (Inc.) (General, Heavy, Fishing Tackle, Sporting Goods, etc.)
 Clancy Hardware Co. (Heavy, Carriage, Blacksmiths', Paints, etc.)
 Drennan Hardware Co.
 Grant Alex. Sons
 Hessler H. E. Co. (General & Household)
TROY—Bonesteel A. E. & Co. (General)
 Green Hannibal's Son & Co. (Heavy, etc.) (Importers Norway & Swedish Iron)
 McCormick & Dunn (Heavy, Shelf, Builders', Blacksmiths' & Horse-shoers' Supplies)
 Warren J. M. & Co. (Heavy, Shelf, Tinners', Metals, Cordage, etc.)
UTICA—Foster David S. Sons Co. (General, Heavy & Carriage)
 Millar Chas. Sons & Co. (Tinners' Supplies)
 Parry Wm. B. & Son (General, Household & Specialties), 200 Seneca
 Roberts Hardware Co. (General, Heavy, Tinware, etc.)
WATERTOWN—Conde W. W. Hardware Co. (General Heavy, Carriage)
WEEDSPORT—Burritt O. W. & Bro.
WELLSVILLE—Boyce Hardware Co.

NORTH CAROLINA.

CHARLOTTE—American Hardware Co.
 Charlotte Hardware Co. (General & Heavy)

Smith-Wadsworth Hardware Co.
Southern Hardware Co. (General)
ELIZABETH CITY—Jones D. M. Co.
(General & Heavy)
Sharber & White Hardware Co.
GREENSBORO—Odell Hardware Co.
(General, Carriage, etc)
HERTFORD—Hertford Hardware & Sup.
Co.
HIGH PT.—Beeson Hardware Co.
MONROE—Heath Hardware Co. (General,
etc)
NEWBERN—Cutler Blades & Hardware
Co.
RALEIGH—Briggs Thos. H. & Sons (Gen-
eral, Heavy, etc)
Hart-Ward Hardware Co. (General &
Heavy)
WADESBORO—Blalock-Allen Hardware
Co. (General)
WASHINGTON—Harris Hardware Co.
McKeel-Richardson Hardware Co.
WILMINGTON—Jacobi N. Hardware Co.
(General, Heavy, etc.)
Murchison J. W. & Co. (General, Tin,
etc)
Springer W. E. & Co. (General, Heavy,
Carriage, etc.)
WINSTON-SALEM—Brown-Rogers Co.
(General, Agri. Impls., etc)
Forsyth Hardware Co.
Norfleet Hardware Co.
Wall-Huske Co.

NORTH DAKOTA.

GRAND FORKS—Barnes & Nuss Co. (Also
Retail)

OHIO.

AKRON—Hardware & Supply Co. (Gen-
eral also Automobile & Electrical
Supplies)
ASHTABULA—Mitchell Hardware Co.
(Builders')
BRYAN—Bryan Hardware Co.
CANTON—Canton Hardware Co. (General,
Factory Supplies, Glass, Paints,
etc)
Kennedy W. A. Hardware Co.
CHILLICOTHE—Chillicothe Hardware Co.
Spetnagle Hardware Co. (General &
Heavy)
CINCINNATI—Boebinger Hardware Co.
(General, Cutlery, Tools, Pattern-
makers' Supplies, etc), 315 E
Pearl
Bremfoerder Hardware & Iron Co.
Carpenter D. L. & Co. (Carriage &
Wagonmakers' Hardware & Sup-
plies), 652 Main
Kruse Hardware Co. (General, Cut-
lery, etc), Carlisle & Baymiller
Kruse & Bahlmann Hardware Co.
(General, Builders', etc), 410 Pio-
neer
Kuhlmann Hardware Co. (General,
Builders', Cabinet, Tools, etc),
1320 Main
Morris E. K. & Co. (Heavy), 317 W 2d
National Hardware Co., 327 W 4th
Pickering Hardware Co. (General), 5th
c Main
Schulte G. B. Sons Co. (Wagen-
makers' & Blacksmiths' Hardware
& Supplies), 716 Main
CLEVELAND—Acme Nail & Sup. Co., 422
Frankfort av
Bingham W. Co. (Heavy Shelf, Cut-
lery, Firearms, Mfrs.', Mining,
Railway Supplies, etc), 1278 W
9th
Cray Bros., 1111 W 11th
Davis, Hunt & Collister Co., 2056 On-
tario
Giessen D. E. Co. (Cabinet), 215 Pros-
pect av, S E
Lockwood - Luetkemeyer - Henry Co.
(General, Heavy Lines, Mfrs. &
Mill Supplies, etc), 725 Superior
av, N W
Morton-Pettitt Co., 3951 St. Clair
Worthington Geo. Co. (Heavy, Metals,
Tinners', Carriage & Saddlery,
Automobile & Electrical Supplies,
832 St. Clair av, N W
COLUMBUS—Cussins Charles D. Co., 170
N 3d
Cussins & Fearn Co., 48 W Spring
Griswold-Sohl Co. (Carriage & Heavy),
79 N Front
Mithoff H. & Co. (Heavy, Tin Plate,
Tinners' Stock, Tools, etc), 284 S
High

Schoedinger-Marr Co., 102 N High
Smith Bros. Hardware Co. (General,
Cutlery, Paints, etc), 38 W Chest-
nut
COSHOCTON—Gray Hardware Co.
Ricketts B. W.
DAYTON—Dayton Iron & Steel Co. (Iron,
Steel, Carriage & Heavy)
Gebhart S. T. & G. A. Co. (General,
Carriagemakers' & Blacksmiths'
Supplies)
Kramer-Hadeler & Co. (General,
Shelf & Builders)
Tischer G. W. Co. (General, Cutlery,
Nails, etc)
Trimbach Geo.
FREMONT—Swint, Reineck & Co. (Gen-
eral & Heavy)
GALLIPOLIS—Kerr J. M. Co.
IRONTON—Goldcamp Bros. & Co.
Hutsinpillar & Sheridan Co. (General)
JACKSON—Ervin Bros. Co.
LANCASTER—Winter Frank Hardware
Co. (General, Heavy & Carriage)
LIMA—Cover Hardware Co.
Jones Hardware Co.
LORAIN—Lorain Hardware Co.
MANSFIELD—Martin Hardware Co.
Wagner Hardware Co. (General &
Heavy & Automobile Supplies)
MARIETTA—Seyler Hardware Co.
Union Hardware Co.
MARION—Haberman Hardware Co.
NEWARK—Crane, Kreig Hardware Co.
Jones J. C. Co.
PORTSMOUTH—Hibbs Hdw. Co. (General)
SANDUSKY—Donahue Hardware Co.
SPRINGFIELD—Hauke Geo. Co.
Lion Hardware Co.
Springfield Hardware Co. (General)
Vulcan Hardware Co.
STEUBENVILLE—Steubenville Hardware
& Supply Co.
TIFFIN—Crobaugh & Dahm (General)
TOLEDO—Bostwick-Braun Co. (General &
Heavy)
Heavy Hardware Co. (Carriage, etc.)
Merrell Co.
Schunk Hardware Co. (General &
Paints)
Standart-Simmons Hardware Co.
Star Hardware & Supply Co. (Build-
ers', Cabinet, Tools, Cutlery, Glass,
Paints, etc)
Stollberg Hardware & Paint Co. (Gen-
eral, Tools, Cutlery, Glass, Paints,
etc)
TROY—Schaible & Houser
URBANA—Cooper Otway (General, Sad-
dler, etc)
WARREN—Park Hardware Co.
Warren Hardware Co.
WASHINGTON C. H.—Ballard-Ford Hard-
ware Co. (General & Heavy)
Ford Hardware Co.
YOUNGSTOWN—Stambaugh Thompson
Co. (General, Heavy, Plumbers',
etc)
Wilkins-Leonard Hardware Co. (Gen-
eral, Household, Mill Supplies, etc.)
ZANESVILLE—Clossman Hardware Co.

OKLAHOMA.

CHICKASHA—Gilkey Jarboe Hardware Co.
CLINTON—Welch Wholesale Hardware
Co.
EL RENO—Bonebrake Hardware & Im-
plement Co.
ENID—Champlin Hardware Co.
Gensman Bros. & Co.
GUTHRIE—Hirschi E. L. (General &
Heavy)
KINGFISHER—Hockaday E. & Co.
MCALISTER—Russell Hardware Co.
MUSKOGEE—Hooker-Hendrix Hardware
Co.
Muskogee Hardware Co.
OKLAHOMA—Oklahoma City Hardware
Co. (General, Heavy, etc)
Pettee W. J. & Co. (General, Agr'l Im-
plements)
Richards & Conover Hardware Co.

OREGON.

BAKER—Basche-Lage Hardware Co.
MEDFORD—Garnett Corey Hardware Co.
PORTLAND—Dayton Hardware & Mch.
Co. (General, Electrical, Upholster-
ers', etc), 1st & Taylor
Failing, McCalman Co. (General &
Metals), 88 Front
Haseltine J. E. & Co. (Carriage, Heavy,
etc), 2nd & Ash

Hexter & Co. (W. Hardware, Stoves,
etc), 13th & Hoyt
Honeyman Hardware Co. (General,
Heavy, etc), 9th & Hoyt
Marshall Wells Hardware Co. (Gen-
eral, Heavy, etc), 14th & Kear-
ney
May Hardware Co.
Pacific Hdwe & Steel Co.
Robertson Hardware & Steel Co.
(Blacksmiths', Wagonmakers', etc)
2nd & Ash

PENNSYLVANIA.

ALLENTOWN—Berger, Glose Co.
Ebbecke M. C. Hardware Co.
Hersh F. Hardware Co. (General,
Heavy, Builders', Carriage, etc)
Schelly C. Y. & Bro. (General, Build-
ers', etc)
Young M. S. & Co. (General, Builders',
Blacksmiths', etc)
ALTOONA—Goodfellow's W. H. Sons
(General Agr'l Impls, etc)
Standard Supply & Equipment Co.
(Tools, etc)
ASHLAND—Buck Peter E. & Sons (Gen-
eral, Heavy, Carriage, etc)
BELLEfonte—Potter-Hoy Hardware Co.
(General, Heavy, Carriage, etc)
BETHLEHEM—Krause J. S. Hardware
Co.
BRADFORD—Emery Hardware Co. (Gen-
eral, Heavy, etc)
BROOKVILLE—Fetzer Bros. (Harness,
Impls, & Buggies)
BUTLER—Campbell J. G. & W.
CHESTER—Galey Hardware Co.
CHICORA—Hays E. F. & Sons
Hoch Bros.
CLARION—Magee Jno. A. & Son
CLEARFIELD—Clearfield Hardware Co.
COATESVILLE—Pownall Hardware Co.
CONNELLSVILLE—Frisbee Hardware Co.
CORRY—Barlow Hardware Co. (General,
Heavy, Blacksmiths' etc.)
DANVILLE—Danville Hardware & Supply
Co.
Welliver W. W. (General, Heavy, etc)
DUBOIS—Hibner-Hoover Hardware Co.
(General, Builders', etc)
Prothero, Bailey & Goodwin
EASTON—Losey & Co. (Blacksmith' &
Carriage)
Miller T. T. Hardware Co. (General,
Heavy, etc)
EMLENTON—Mitchell H. B. & Co.
ERIE—Erie Hardware Co.
Mehl H'dware Co.
Schneider Hardware Co.
United Hardware & Supply Co.
GREENVILLE—Packard Hardware Co.
(General, Heavy, etc)
HANOVER—Shirk Samuel & Son (General,
Heavy, Carriage, etc)
Tanger J. C.
HARRISBURG—Gable H. A.
Gilbert H. & Son (General & Heavy),
219 Market
Harrisburg Hardware Co.
HAZLETON—Barber J. F. & Co. (Tin,
Woodenware, Stoves, etc)
Fisher, Richards & Todd (Heavy)
Hazleton Hardware Co.
Hazleton Machinery & Supply Co.
(Heavy, Mine & Mill)
Jeremiah Woodring Co. (Mine, Mill &
Elect. Supplies)
HUNTINGDON—Miller C. H. Hardware
Co. (General, Pipe, etc)
INDIANA—Stewart Jas. M. & Co.
JOHNSTON—Swank Hardware Co. (Gen-
eral, Builder's Carriage, etc)
KINGSTON—Roat A. J. Supply Co. (Gen-
eral, Heavy, Carriage, etc)
LANCASTER—Herr & Co. (General)
Pontz A. F. & Co.
Reilly Bros & Raub (General)
Steinman Hardware Co. (General,
Heavy, Carriage, etc)
LEBANON—Krause Geo. Hardware Co.
(General, Heavy, etc)
LEHIGHTON—Sendel & Rouse
LEWISBURG—Driesbach's C. Sons (Gen-
eral, Saddlery, etc)
MCKEESPORT—Hartman Hardware Co.
MAHAFFEY—Wrigley Co.
MAHANAY CITY—Heiser H. J. & Co.
MECHANICSBURG—Hauck Bros.
MEYERSDALE—Cover Peter J. & Son
Shipley Hardware Co.
MIFFLIN—Guss E. M., & Sons
MILTON—Buoy Jno. Y. Co. (General)
MOUNT CARMEL—Wardrop John
MOUNT PLEASANT—Stevenson J. A. &
Co.

NEW CASTLE—Smith-Hutton & Kirk Co.
 NORRISTOWN—Quillman Benj. Hardware Co.
 PATTON—Central Hardware & Supply Co.
 PHILADELPHIA—Allen W. H. & G. W. (General, Builders', Cutlery, etc), 113 Market
 Field's Chas. J. Sons (General, Cutlery, etc), 633 Market
 Ghriskey's Chas. M. Sons (General, Mechanics' Tools & Specialties), 508 Commerce
 Hessenbruch Herman Co. (Importers & Jobbers German Hardware), 8 N 5th
 Merchant & Evans Co., 2035 Washington *See adv index at end of book*
 Newlin-Knight Hardware Co. (General, Cutlery, Railway Supplies, etc), 411 Commerce
 Noblit Bros. & Co. (Cabinet), 222 S 2d
 Rogers & Miller (General), 135 Market
 Sanson & Rowland, 505 Commerce
 Seltzer-Klahr Hardware Co. (Cutlery, Guns & Ammunition), 535 Market
 Shannon J. B. Hardware Co., 816 Chestnut
 Shannon J. J. & Co., 1744 Market
 Shields & Bro. (General, Heavy, etc), 521 Market
 Simmons Hardware Co., 421 Arch
 Standard Supply & Equip. Co., N W cor Cherry & 13th
SUPPLEE-BIDDLE HARDWARE CO. (Shelf, Heavy, Cutlery, Lawn Mowers, etc), 5th & Commerce. *See adv index at end of book*
 PHOENIXVILLE—Benjamin Hardware Co.
 PITTSBURGH—American Hardware & Supply Co., Terminal bldg
 Colonial Supply Co. (Heavy), 414 1st av
 Demmler Bros. Co. (Enameled Ware, Household, etc), 100 Ross
 Hukill-Hunter Co., 35 Terminalway
 Lindsey James C. Hardware Co., 12 8th
 Logan-Gregg Hardware Co., 121 9th
 Love Thompson Co., 209 1st av
 McKnight Sam'l, 225 Federal
 Steiner & Voegtly Hardware Co., 230 Diamond
 Woodwell Jos. Co. (General, Builders' & Mill Supplies), 207 Wood
 PLYMOUTH—Shawnee Supply Co.
 POTTSTOWN—Fegely Jacob & Son
 POTTSVILLE—Bright George Hardware Co. (General, Mining, etc)
 Pottsville Supply Co.
 Thompson L. C. (General, Heavy, Carriage, etc)
 PUNXSUTAWNEY—Punxsutawney Lumber & Supply Co.
 READING—Bard Hardware Co. (General, Heavy, Carriage, etc)
 Bright & Co. (General, etc)
 Hoff & Bro. (General, Firearms, etc)
 Kershner, Matthias & Fritch
 Obold Hardware Co. (General)
 Stichter Hardware Co. (Ltd.), (General Heavy Carriage, etc)
 Tragle Mfg. Co. (File, Rasps & Hack Saws)
 ROUSEVILLE—Rouseville Supply Co.
 ROYERSFORD—Buckwalter J. A.
 SCOTSDALE—Loucks Hardware Co.
 SCRANTON—Bittenbender Co. (Heavy & Carriage)
 Doyle Jas. B.
 Foote & Becker (Builders')
 Gunster Bros.
 Leonard Thos. F. Co.
 Welks Hardware Co.
 SHAMOKIN—Hack W. C. & Sons
 Jones Hardware Co. (Mfrs.' Agents)
 Sanner Hardware Co.
 SHARON—Fruit-Ohl Co. (Gen'l, Heavy, etc.)
 SOMERSET—Holderbaum James B. & Son
 SOUTH BETHLEHEM—Drissel & Eberts
 TAMAQUA—Seligman & Co. (General)
 TITUSVILLE—Kernochan & Co.
 United Hardware & Supply Co.
 WARREN—Pickett Hardware Co.
 WAYNESBORO—Beck & Benedict
 Rinehart Daniel
 WILKES-BARRE—Baab Frank
 Eastern Penna. Supply Co. (General Heavy, etc.)
 Lewis & Bennett Hardware Co.
 Morgan's C. Sons (General, Tools, etc.)
 White Hardware Co.

WILLIAMSPORT—Kline & Co.
 Linck Jacob H. (Est. of)
 Williamsport Hardware & Stove Co.
 YORK—Frey & Thomas (General)
 Fulton, Mehring & Hauser Co.
 McClellan & Gotwalt Co. (Ltd.), (General)
 Small P. A. & S. Co. (General, Blacksmiths', etc.)

RHODE ISLAND.

PAWTUCKET—Toole Wm. K. Co.
 PROVIDENCE—Ballou, Johnson & Nichols Co. (Mfrs. Agts. Kitchen Hardware), 128 Dorrance
 Barker, Chadsey & Co. (General), 38 Westminster
 Barrett W. E. Co., 89 Canal
 Belcher & Loomis Hardware Co. (General, Manufacturing Jewelers' & Electrical Supplies, etc), 89 Weybosset
 Church E. C. Co., 5 Eddy
 Congdon & Carpenter Co. (General Builders', Cordage, etc), 155 Canal
 Rhode Island Supply Engineering Co. (Tools), 156 W Exchange
 WOONSOCKET—Darling C. H.

SOUTH CAROLINA.

ANDERSON—Anderson Hardware Co.
 Sullivan Hdwe. Co. (General & Heavy)
 BEAUFORT—Christensen N. & Sons
 CHESTER—Frankie C. D. & Co. (Carriage & Auto Accessories)
 Lazarus M. H. Co.
 Southern Hardware Co. (Shelf)
 Thompson-Miller Hardware Co. (Shelf)
 CHESTER—Chester Hardware Co.
 COLUMBIA—Lorick & Lowrance
 GREENVILLE—Poe Hardware & Supply Co.
 Sullivan-Markley Hardware Co.
 SPARTANBURG—Ezell Wall Hardware Co.
 Montgomery & Crawford (General)
 UNION—Union Hardware Co.

SOUTH DAKOTA.

ABERDEEN—Jackson Hardware Co. (General & Heavy)
 MITCHELL—Mitchell Harness Co.
 RAPID CITY—Duhamel Co. (General Carriage, Wagon, etc.)
 Sweeney Tom Hardware Co. (General)
 SIOUX FALLS—Dakota Iron Store, The
 Larson Hardware Co. (General & Heavy)

TENNESSEE.

BRISTOL—Interstate Hardware & Supply Co.
 Mitchell-Powers Hardware Co. (General & Heavy)
 CHATTANOOGA—James Supply Co. (General & Heavy)
 McGregor J. F. Mfg. Co. (General)
 Magill Hardware Co. (General & Heavy)
 Rogers-Bailey Hardware Co. (Heavy)
 Vance John C.
 CLARKSVILLE—Elder J. E. Hardware Co.
 Elder-Conroy Hardware Co.
 CLINTON—Clinton Hardware Co.
 COOKEVILLE—Whitson Jerre Hardware Co.
 JACKSON—Gooch-Edenton Hardware Co. (General)
 McGee-Ross Hardware Co.
 JELLICO—Jellico Hardware Co.
 McComb Supply Co.
 JOHNSON CITY—Summers-Parrott Hardware Co. (General)
 KNOXVILLE—House-Hasson Hardware Co.
 Luttrell S. B. & Co.
 McClung C. M. & Co. (General, Heavy, Tools, etc.)
 Sterling, Crumbliss Hardware Co.
 Tenn. Mill & Mine Supply Co. (Heavy)
 Woodruff W. W. Hardware Co. (General)
 MEMPHIS—Barnes Thompson Hdwe. Co.
 Harris Iron & Supply Co. (Carriage & Heavy)
 Orgill Bros. & Co. (Shelf & Cutlery)
 Pidgeon-Thomas Iron Co. (Mill Supplies)
 Stewart Bros. Hardware Co.
 Stratton-Warren Hardware Co. (General)

MORRISTOWN—Baylor C. E. Co. (General & Heavy)
 Grant-Hasson Hardware Co.
 NASHVILLE—Buford Bros. (Heavy, Carriage, etc.)
 Craig & Shoffner Hardware Co. (Shelf & Heavy)
 Gray & Dudley Hardware Co. (General, Heavy, etc.)
 Hitchcock L. H. & Son (Heavy)
 Hermitage Hardware Co., (General & Builders)
 Keith, Simmons & Co. (General, Heavy, etc.)
 Lipscomb H. G. & Co. (General & Heavy)
 McWhorter, Weaver & Co. (General)

TEXAS.

ABILENE—Hughes Edw. S. & Co. (General & Heavy)
 AMARILLO—Amarillo Hardware Co.
 Morrow Thomas Hardware Co. (General)
 AUSTIN—Richardson W. H. & Co.,
 Tips Walter Co. (General, Heavy, Carriage, Saddlery, etc.)
 BEAUMONT—Norvell-Wilder Hardware Co.
 Wilson E. L., Hardware Co. (General, Heavy, etc.)
 BROWNWOOD—Smith Hall Hdwe. Co.
 Weakley-Watson-Miller Hardware Co. (General)
 CHILDRESS—Norris R. H. Hardware Co.
 CORSICANA—Tatum W. M. Hardware Co. (General)
 DALLAS—Huey & Philp Hardware Co. (General, Tinnings', etc.)
 Moroney Hardware Co. (General)
 DENISON—Hall-Leeper Hardware Co.
 EL PASO—Krakauer, Zork & Moye's (General, Firearms, etc.)
 Momsen-Dunnegan-Ryan Co.
 FORT WORTH—
 Henry Wm. & Co. (General & Heavy)
 Nash Hardware Co. (General, Heavy, etc.)
 GAINESVILLE—Kennerly S. G.
 GALVESTON—Blum Ben & Co.
 Blum Hardware Co. (General)
 Galveston Hdwe. Co.
 HALLETTSVILLE—Hallettsville Hdwe. Co. (General)
 HOUSTON—Adoue-Keown Hardware Co.
 Bering C. L. & Theo., Jr. (Sporting Goods)
 Bering-Cortes Hardware Co. (General)
 Heitmann F. W. Co., (Heavy)
 Meyer Jos. F. & Co. (Heavy & Carriage)
 Peden Iron & Steel Co. (Heavy, etc.)
 JEFFERSON—Meyer Eugene
 Torrains Mfg. Co.
 LAREDO—Deutz A. & Bro. (General & Heavy)
 MERCEDES—Rio Grande Hardware & Machinery Co.
 NACOGDOCHES—Cason-Monk & Co.
 PARIS—Bettes H. S. Hardware Co. (General)
 ROCKDALE—Henne & Meyer Co.
 SAN ANGELO—Findlater Hardware Co.
 SAN ANTONIO—Basse Wm., Hardware Co. (Carriage, Wagon & Heavy)
 Heusinger Hardware Co. (Heavy, Builders', Cabinet, Tools, etc.)
 Newton, Weller & Wagner Co.
 Peden Iron & Steel Co.
 Praeger Hardware Co.
 Schultze-Stove & Hardware Co.
 Tips Hardware Co. (General)
 SHERMAN—Hardwicke-Etter Co.
 Roberts, Sanford & Taylor Co. (General)
 STAMFORD—Penick Hughes Co.
 TEXARKANA—(See Arkansas)
 TYLER—Adams H. & Son (General, Heavy, etc.)
 Wadel Connally Hardware Co.
 WACO—Herrick Hardware Co.
 McLendon Hardware Co. (General, Heavy, etc.)
 Padgett Tom Co. (Saddlery, etc.)
 WEATHERFORD—Lowe & Co. (General, etc.)

UTAH.

OGDEN—Lowe Geo. A. Co. (Heavy)
 Simmons J. C. (Tinware)

SALT LAKE CITY—Salt Lake Hardware Co. (General, Heavy, etc.)
Strevell-Patterson Hardware Co. (General, Heavy, etc.)
Zion's Co-operative Mercantile Institution (General, Heavy, etc.)

VERMONT.

BELLOWS FALLS—Howard Hardware Co.
BRATTLEBORO—Robbins & Cowles
BURLINGTON—Hagar Hardware & Paint Co.
Strong Hardware Co. (Heavy, Builders', Carriage, etc.)
Vermont Hardware Co. (General & Saddlery)
MONTPELIER—Peck Bros. Co.
NEWPORT—Root Hy. S. & Son
True & Blanchard Co.
RUTLAND—Landon W. C. & Co.

VIRGINIA.

ALEXANDRIA—Carlin Hulfish Co.
BLACKSTONE—Dillard Crawley Hardware Co.
BRISTOL—(See Tennessee)
CHARLOTTESVILLE—Charlottesville Hardware Co. (General, Cutlery, Heavy, etc.)
Martin W. T. Hardware Co.
CLIFTON FORGE—Smith & McKinney Hardware Co. (General, Builders', Tools, etc.)
DANVILLE—Danville Hardware Co.
Hodnett Adkins Mobley Co.
Piedmont Hardware Co. (General, Builders', Tools, etc.)
HAMPTON—Booker H. R. & Co.
HARRISONBURG—Snell Gro. & Hardware Co.
Wilton Hardware Co.
LEXINGTON—Myers Hardware Co.
LYNCHBURG—Ainslie & Martin Co. (General, Heavy)
Bailey Spencer Hardware Co. (Heavy, Shelf, Firearms, etc.)
Barker-Jennings Hardware Co. (Heavy, Shelf, Firearms, etc.)
Gannaway Jno. E. & Co. (General)
Handy N. B. Co.
Perrow-Evans Hardware Co. (General)
NEWPORT NEWS—Rosenbaum Hardware Co.
NORFOLK—Building Supplies Corp. (Builders')
Malbon P. J.
Norfolk Hardware Co.
Watters & Martin (General, Heavy, etc.)
White Hardware Co. (General)
Womble J. G. Sons
NORTON—Norton Hardware Co. (General)
PETERSBURG—Leonard Chas. Hardware Co. (General)
Petersburg Hardware Co.
Stockdell Myers Hardware Co.
Stratton Bragg Co. (Mill)
Hawks-Meupin Co. (Builders')
PULASKI—Price Hardware Co.
RICHMOND—Baldwin & Brown (Shelf, Builders' & Heavy), 1557 E Main
Clarke A. B. & Son Hardware Co. (General, Heavy, Carriage, etc.), 1215 E Main
Donnan W. S. Hardware Co. (Heavy & General), McDonough
McGraw James (General, Machinists' Supplies), 1442 E Main
Richmond Hardware Co. (General & Shelf), 15th & Cary
Taylor E. L. & Co. (Carriage & Wagon), 1415 E Main
Virginia-Carolina Hardware Co. (General Tinware, etc.), 1332 E Main
Watkins-Cottrell Co. (Shelf & Heavy), 14th & Dock
ROANOKE—Graves-Humphreys Hardware Co.
Nelson Hardware Co. (General, Miners' Supplies, etc.)
Roanoke Hardware Co. (Shelf)
SOUTH BOSTON—Penick R. A. & Son (General)
STAUNTON—Bowman C. P. Hardware Co. (General, Saddlery, etc.)
Worthington Hardware Co. (General, Heavy Carriage, Saddlery, etc.)
SUFFOLK—Folk E. L. Co.
Thomas Hardware Co.
TAZEWELL—Greever J. A.
Peery W. E.

WASHINGTON.

ABERDEEN—Isaacson L. G. Co.
BELLINGHAM—Morse Hardware Co. (General)
Northwest Hardware Co. (General & Heavy)
EVERETT—Agnew Hardware Co.
N. YAKIMA—Yakima Hardware Co.
SEATTLE—Campbell Hardware Co.
Gray Bros. (Carriage, Wagon, etc.)
Marshall-Wells Hardware Co.
Pacific Hardware & S. Co. (Branch San Francisco)
Schwabacher Hardware Co. (Heavy, Shelf, Ship Chandlery, etc.)
Seattle Hardware Co. (Heavy, Shelf, Tools, etc.)
Western Hardware & Metal Co. (General, Cutlery, Tools, etc.)
Whiton Hardware Co.
SPOKANE—Holley-Mason Hardware Co. (Shelf, Heavy, Plumbers, etc.)
Marshall-Wells Hardware Co.
Spokane Hardware Co. (General)
TACOMA—Hunt & Mottet Co. (General & Heavy)
Mohr Henry Hardware Co.
Palace Hardware Co.

WEST VIRGINIA.

BELINGTON—Kane & Keyser Hardware Co.
BLUEFIELD—Bluefield Hardware Co. (General, Tinware, etc.)
Sterling Hardware Co.
CHARLESTON—Burlew Hardware Co. (General)
Charleston Hardware Co. (General)
Goshorn Hardware Co. (General)
Loewenstein & Sons (General)
CLARKSBURG—Williams Hardware Co. (General, Heavy, Carriage)
FAIRMONT—Amos Geo. E. & Co.
Jacobs-Hutchinson Hardware Co. (General)
HINTON—Hinton Hardware Co.
HUNTINGTON—Emmons, Hawkins Hardware Co. (General, Natural Gas Fixtures, etc.)
Foster-Mead Hardware Co. (General, etc.)
Huntington Hardware Co.
Miller Supply Co. (Heavy, Mine & Mill)
KEYSER—Keyser Hardware Co.
Siever Hardware Co. (General)
PARKERSBURG—Chancellor Hardware Co.
Niswander G. W. & Co.
Smith W. H. Hardware Co. (General)
Wiant & Barr Hardware Co.
RAVENSWOOD—Harpold Bros.
Moore C. P. (General)
SPENCER—Moore Charles P. & Co.
SUTTON—Lee W. H.
WEST UNION—Cox Brothers Co.
WHEELING—Greer & Laing (General & Heavy)
Hiener Hardware Co.
Miller & Stein (Heavy, Carriage, etc.)
Ott-Heiskell Hardware Co. (General, Cutlery, etc.)
Snyder's Jacob Sons Co. (Carriage, Wagon, Blacksmith's, etc.)
Whitaker-Glessner Co. (Wheeling Corrugating Dept.)
Wilson W. A. & Sons (Builders'), 1409 Main

WISCONSIN.

APPLETON—Galpin's Alfred Sons
Schlafer Hardware Co.
Tesch Wm.
ASHLAND—Garnich Emil & Sons Hardware Co.
BURLINGTON—Wagner C. B. Hardware Co.
FOND DU LAC—Hughes Jno. Hardware Co.
Wegner J. F. & Co.
GREEN BAY—Morley-Murphy Hardware Co. (General, Cutlery, etc.)
JANESVILLE—Bicknell Mfg. & Supply Co.
KENOSHA—Mohr-Jones Hardware Co.
LA CROSSE—Kroner Fred Hardware Co. (General, Wagon, Tools, etc.)
Tausche, Vincent Hardware Co. (General, Blacksmith's, etc.)
MADISON—Kroncke H. G. Hardware Co.
Sumner & Morris
MANITOWOC—Worel & Stangel Co. (General, Heavy, Cutlery, Firearms,

MILWAUKEE—Ehlert Hardware Co., 209 3rd
Frankfurth Wm. Hardware Co. (General, Heavy, Carriage, etc.)
etc., 119 W Water
Gross Philip Hardware Co., 218 3rd
Hilgendori C. F., 303 3d
Kolloge Hardware Co., 367 3d
Pritzlaff John Hardware Co. (General, Heavy, Tin Plate, Cutlery, etc.), 51 W Water
Shadbolt & Boyd Iron Co. (Wagon & Carriage), 131 W Water
Suelflohn & Seefeld (Heavy, Carriage, etc.), 45 2d
NEENAH—Krueger Wm. Co.
OSHKOSH—Hay Hardware Co.
Leach Frank Hardware Co.
RACINE—Hoernel Hardware Co.
SHEBOYGAN—Geele Frank Hardware Co.
SUPERIOR—Superior Hardware Co.
WATERTOWN—Kusel D. & F. Co.
WAUSAU—Bauman Hardware Co.

WYOMING.

CHEYENNE—Arp & Hammond Hardware Co.
Roedel Frank A.
EVANSTON—Beeman & Cashin Mercantile Co.
LANDER—Rhein W. H. & Co.
LARAMIE—Holliday W. H. Co.
SHERIDAN—Diefenderfer & Dinwiddie Co.

5941—Harmonicas

Hohner M. ("Hohner"), 114 E 16th, New York
Koch Ands. (Imp), 296 B'way, New York

5942—Harness (Coal Mine, Etc.)

Beagle Hame Works, Freeland, Pa.
Kugler Clarence B., Jr. & Co., Land Title bldg, Phila., Pa.
Lerch Bros., 114 Hanover, Baltimore, Md.
Olewine Wm. & Son, Hazleton, Pa.
Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.
Sells J. H. & F. A. Co., Chestnut & Pearl, Columbus, O.
Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.
Strecker Bros. Co., Marietta, O.

5943—Harness (Contractors')

Lerch Bros., 114 Hanover, Baltimore, Md.
Sells J. H. & F. A. Co., Chestnut & Pearl, Columbus, O.
Sickles J. B. Saddlery Co., 2100 Washington, St. Louis, Mo.

5944—Harness Menders

Sacks Louis ("Royal"), Hamburg pl, Newark, N. J.

5945—Harness (Mill)

Garland Mfg. Co. (Loom), Saco, Me.
Morgan Spring Co., Worcester, Mass.

5946—Harness, Saddles & Strap Work (Mfrs.)**ARKANSAS.**

FORT SMITH—Murphy W. J.
LITTLE ROCK—Voss-Barbee Mfg. Co.

CALIFORNIA.

LOS ANGELES—Los Angeles Saddlery & Finding Co.
SACRAMENTO—Van Voorhies A. A. & Co.
SAN FRANCISCO—Davis W. & Sons, 333 Market
Johnson F. S. Co., 576 Howard
Keyston Bros., 120 2d
STOCKTON—Schaffer W. H.

COLORADO.

DENVER—Wilson J. H. Saddlery Co.

CONNECTICUT.

HARTFORD—Smith, Worthington Co.

GEORGIA.

BUFFORD—Allen Bona (Inc.)
Shadburn Bros.
FAIRBURN—McCurry & Inman Co.
MACON—Bernd G. Co.
WACO—Heaton & Senft

ILLINOIS.

BENTON—Jackson A. D. Saddlery Co.
BLOOMINGTON—Green B. S. Co.
CHICAGO—Kronauer Chas. & Co., 844
Fulton
Ortmayer A. & Son, 159 W Illinois
Rinehart Harness Co., 18 E 24th
DECATUR—Starr J. G. & Son
FREEPORT—Bowler & Jones
GALESBURG—Adams & Johnson Co.
MARTON—Kramer Rotary Harrow Co.
QUINCY—Wolf Mfg. Co.
ROCKFORD—Hess & Hopkins Leather Co.

INDIANA.

ELKHART—Elkhart Carriage & Motor
Car Co. (Harness Only)
FORT WAYNE—Fort Wayne Saddlery Co.
INDIANAPOLIS—Indianapolis Saddlery
Co., 237 S Meridian
Reh fuss Martin Jr.
KOKOMO—Ulrich Mfg. Co. (Saddles Only)
LA PORTE—La Porte Harness Co.

IOWA.

BOONE—Goeppinger L. & H.
BURLINGTON—McConnell S. R. & I. C.
Co.
CLINTON—Clinton Saddlery Co.
DAVENPORT—Sears Saddlery Co.
DES MOINES—Boyt Walter Saddlery Co.
Des Moines Saddlery Co.
MUSCATINE—Van Nostrand Saddlery Co.
OSKALOOSA—Fitch R. F. & W. B. Co.
SIOUX CITY—Meyer Bros. Saddlery Co.
WATERLOO—Waterloo Saddlery Co.

KANSAS.

ATCHISON—Atchison Saddlery Co.
Kessler-Barkow Saddlery Co.
FORT SCOTT—Glunz Saddlery Co.
LEAVENWORTH—Ackenhausen Saddlery
Co.
TOPEKA—Krauss O. & Sons
WICHITA—Hays L.
McComb Bros.

KENTUCKY.

LOUISVILLE—Forman-Breen Mfg. Co.
Harbison & Gathbright
Hodapp & Miller
Krieger J. P. Saddlery Co.
Miller Jno. Saddlery Co.
PADUCAH—Michael M. & Bro.

LOUISIANA.

NEW ORLEANS—Rice Louis P. & Co., 230
Decatur
Whitney & Sloo Co. (Ltd.), 733 Tchopt
SHREVEPORT—Shreveport Saddlery Co.

MARYLAND.

BALTIMORE—Lerch Bros., 114 Hanover
Rose Peter & Sons, 9 S Howard

MASSACHUSETTS.

BOSTON—Ranno-Speirs Co., 39 High
GARDNER—Godfrey G. R.

MICHIGAN.

BATTLE CREEK—Eldred Willard H.
DETROIT—Armstrong & Graham, 128
Jefferson av
Pierson & Hough Co., 158 Congress W
Sutherland F. L. Co.
Tuttle & Clark
FLINT—Weit & Perry
HUDSON—Kellogg H.
SAGINAW—Morley Bros.
TRAVERSE CITY—Beadle Jno. T. Co.

MINNESOTA.

DULUTH—Marshall-Wells
Schulze Leather & Findings Co.
MINNEAPOLIS—Dodson, Fisher, Brock-
mann Co., 15 N 3rd

Noe G. D. Mfg. Co.
Nott W. S. Co., 2d av N & 3d
ST. PAUL—Friend Chas. & Son, 343 Jack-
son
Scheffer & Rossum Co., 216 E 4th
WINONA—Minnesota Harness Factory

MISSISSIPPI.

MERIDIAN—Threefoot Bros. & Co.

MISSOURI.

CALIFORNIA—Heck Wm.
KANSAS CITY—Askew Saddlery Co.
ST. JOSEPH—Rossi Saddlery Co.
Wyeth Hardware & Mfg. Co.
ST. LOUIS—Burns P. Saddlery Co., 715
Lucas
Sickles J. B. Saddlery Co., 2100 Wash.
Simmons Hardware Co., 9th & Spruce
Straus Saddlery Co., 27th & Locust
SPRINGFIELD—Hermann-Sanford Sad-
dlery Co.
Steineger Saddlery Co.

NEBRASKA.

LINCOLN—Harpham Bros. Co.
NORFOLK—Winter H. W.
OMAHA—Cornish Alfred & Co.
Haney J. H. & Co.
Marks Bros. Saddlery Co.

NEW JERSEY.

NEWARK—Peters Harness & Saddlery
Co., 364 Mulberry

NEW YORK.

BUFFALO—Dorries & Co.
ROME—Barnard Edw. Co.
Bingham Harness Co.
SYRACUSE—Olmsted H. R. & Son

NORTH CAROLINA.

WINSTON-SALEM—Shipley J. W.

NORTH DAKOTA.

FARGO—Bristol & Sweet Harness Co.
North Dakota Harness Co.

OHIO.

BRYAN—Riley Wm. H. & Son
CINCINNATI—Curry J. W. Co. ("Curry"
Fabric Harness), 2615 Cummins
Graf-Morsbach Co., Flint & Wade
Grossman & Hooe Saddlery Co., 221
Main
Perkins-Campbell Co., 622 B'way
COLUMBUS—Sells J. H. & F. A. Co.,
Chestnut & Pearl
LOWELL—Hollinger Jacob F.
MARIETTA—Streckler Bros. Co.
NEW BERLIN—Hoover W. H. Co. (Patent
Leather)
SIDNEY—Given R. & Son Co.
TOLEDO—Sattler Peter Co.

OKLAHOMA.

OKLAHOMA — Hughes-Bozarth-Anderson
Co.

OREGON.

PORTLAND—Breyman Leather Co., 329
Everett
Clark Jno. Saddlery Co., 104 Front
Cronin P. J. Co., 129 1st
Lawrence Geo. Co., 82 1st
McMonies W. H. & Co., E 7th & Han-
cock

PENNSYLVANIA.

INDIANA—Marshall Godfrey (Saddlery)
YOUNGSVILLE—Youngsville Saddlery Co.

RHODE ISLAND.

PROVIDENCE—Rounds T. W. Co., Ltd.,
48 Washington

TENNESSEE.

CHATTANOOGA—Southern Saddlery Co.
KNOXVILLE—Karnes Howard

NASHVILLE—Goodpasture & Tenison
Gray & Dudley Hardware Co.
Nashville Saddlery Co.
Orman-Partee Saddlery Co.
SHELBYVILLE—Robinson-McGill Mfg.
Co.

TEXAS.

DALLAS—Padgett Bros. Co.
Schoellkopf G. H. Saddlery Co.
Tenison Bros. Saddlery Co.
FORT WORTH—James & Schow Co.
PARIS—Paris Saddlery Co.
SAN ANTONIO—Frank L. Saddlery Co.
WACO—Padgett Tom Co.

UTAH.

OGDEN—Read J. G. & Bros. Co.
SALT LAKE CITY—Salt Lake Hardware
Co.

VIRGINIA.

RICHMOND—Cottrell Saddlery Co.
Crump Benj. T. Co.
Imperial Harness Co.

WASHINGTON.

SEATTLE—Duncan & Sons
Seattle Saddlery Co.

WEST VIRGINIA.

WHEELING—Hutchisson T. T. & Co.

WISCONSIN.

EAU CLAIRE—Schwahn-Seyberth Sad-
dlery Co.
GREEN BAY—Franssens J. M.
McIntyre-Burrall Co.
MADISON—Madison Saddlery Co.
MILWAUKEE—Dyer Saddlery Co., 321 E
Water
Wallace & Smith Co., 86 W Water
Young Benj. Co., 241 E Water

5947— Harpoons

Wilcox, Crittenden & Co., Middletown,
Conn.

5948— Harps (Trolley)

See Wheels, Trolley; also Trolley Line
Materials
Bayonet-Trolley-Harp Co., Springfield, O.
Garton W. R. Co. ("Feist"), 17 So
Desplaines, Chicago, Ill.
Holland Trolley Supply Co., 1623 E 43d,
Cleveland, O.
LUMEN BEARING CO. ("Ideal"), Buffalo,
N. Y. See adv index at end of book
Meckel Fred. L., 11 E 13th, Chicago, Ill.
More-Jones Brass & Metal Co., St. Louis,
Mo.
NUTTALL R. D. CO. ("Union"), McCand-
less & Harrison av, Pittsburgh, Pa.
See adv index at end of book
Recording Register & Fare Box Co. ("Mul-
ti-Ampere"), New Haven, Conn.
Star Brass Works ("Kalamazoo"), Kala-
mazoo, Mich.

5949—Harrow & Cultivator Com-
bined

White's S. R. Sons ("I. A. Special"), Nor-
folk, Va.

5950— Harrows (Alfalfa)

Avery B. F. & Sons ("Avery"), Louisville,
Ky.
Bucher & Gibbs Plow Co. ("Imperial"),
Canton, O.
Deere & Mansur Co. ("Deere"), Moline,
Ill.
Emerson-Brantingham Co. ("Emerson"),
Rockford, Ill.
Light Draft Harrow Co. ("Forkner"), Mar-
shalltown, Ia.
Moline Plow Co. ("Moline"), Moline, Ill.
Ohio Mfg. Co. ("Ohio," "Tornado"), Upper
Sandusky, O.
Parlin & Orendorff Co. ("P. & O."), Can-
ton, Ill.
Rock Island Plow Co. ("Porcupine"), Rock
Island, Ill.

5951— Harrows (Boss)

Anderson Co., 2324 University av, St. Paul, Minn.
 Hayes Pump & Planter Co., Galva, Ill.
 Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.
 La Crosse Plow Co., La Crosse, Wis.
 Madison Plow Co., Madison, Wis.
 Oliver Chilled Plow Works, South Bend, Ind.
 Rock Island Plow Co., Rock Island, Ill.
 Rowell I. B. Co. (Scotch Lever), Waukesha, Wis.

5952— Harrows (Disc)

American Seeding Machine Co. ("Evans," Gang & "Superior" on Wheels, also Truck), Springfield, O.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Avery B. F. & Sons ("New Tornado"), Louisville, Ky.
 Belcher & Taylor Agricultural Tool Co. ("Yankee"), Chicopee Falls, Mass.
 Brinly Hardy Co., Louisville, Ky.
 Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
 Brown Mfg. Co., Zanesville, O.
 Bryan Plow Co., Bryan, O.
 Bucher & Gibbs Plow Co. ("Imperial," "Perfect," also Cut Out Disc & Double Disc), Canton, O.
 Case J. I. Plow Works ("J. I. Case,"), Racine, Wis.
 Collins Plow Co., Quincy, Ill.
 Cutaway Harrow Co. ("Clark's Cutaway," "Great Western"), Higganum, Conn.
 Davidson-Dietrich Plow Co., Evansville, Ind.
 Deere & Mansur Works ("Deere" Engine Gang, Single & Double Action, Engine & Orchard), Moline, Ill.
 Deutscher H. P. Co., Hamilton, O.
 Dunham Co., Berea, O.
 Eagle Hay Press & Implement Co., Muskogee, Okla.
 Emerson-Brantingham Co. ("Emerson" Cutout, Double Action Reversible), Rockford, Ill.
 Evans B. A., Hammond, N. Y.
 Fetzer & Co. ("Excello," "Spear Head," "O. K.," "Fetzer," "McSherry," Springfield, Ill.
 Gale Mfg. Co. ("Albion," One or Two Lever, also Cutaway), Albion, Mich.
 Galesburg Coulter-Disc Co., Galesburg, Ill.
 Grand Detour Plow Co., Dixon, Ill.
 Haish Jacob Co., De Kalb, Ill.
 Hartman Mfg. Co., Vincennes, Ind.
 Hayes Pump & Planter Co. ("Sucker State"), Galva, Ill.
 Holt Mfg. Co., Stockton, Cal.
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Deering - McCormick - Osborne - Keystone), 702 Harvester bldg., Chicago
See adv index at end of book
 Janesville Mach. Co. ("Budlong"), Janesville, Wis.
 Johnston Harvester Co., Batavia, N. Y.
 La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
 Lean Roderick Mfg. Co., Mansfield, O.
 Lehr Agricultural Co., Fremont, O.
 Long & Allstater Co. ("Hamilton" Single & Double Tongue & Tongueless), Hamilton, O.
 Luthy & Co., Peoria, Ill.
 Madison Plow Co. ("F. & J."), Madison, Wis.
 Maroa Mfg. Co., Maroa, Ill.
 Moline Plow Co. ("Economy," "Flying Dutchman," "Moline" Cutaway & Reversible), Moline, Ill.
 Monmouth Plow Factory, Monmouth, Ill.
 Ohio Cultivator Co. ("Bellevue," "Hi-Lo," "Star"), Bellevue, O.
 Ohio Mfg. Co., Upper Sandusky, O.
 Ohio Rake Co. (Cut Out Disc, "Dayton," Double Disc, "Dandy," "Chattanooga," "Bells" Center Cut & "New Lion" Reversible), Dayton, O.
 Oliver Chilled Plow Works, South Bend, Ind.
 O'Neill T. L., Marseilles, Ill.
 Parlin & Orendorff Co. ("P. & O.," "Canton," "Star," Reversible, Orchard), Canton, Ill.
 Peru Plow & Wheel Co., Peru, Ill.
 Racine-Sattley Co. ("Governor," "Mod. X.," "Tandem"), Springfield, Ill.
 Rock Island Plow Co. ("Bonanza" & "Defiance"), Rock Island, Ill.
 Shaw H. C. Co., Stockton, Cal.
 Sterling Mfg. Co., Sterling, Ill.

Swanson-St. Joseph Plow Co., St. Joseph, Mo.
 Syracuse Chilled Plow Co. (Steel Frame), Syracuse, N. Y.
 Thomas Mfg. Co. ("Southern"), Springfield, O.
 Thompson J. Plow Works ("Eclipse"), Beloit, Wis.
 Wiard Plow Co. ("Star"), Batavia, N. Y.
 Wood Walter A. Mowing & Reaping Machine Co. (Piano & Cutaway), Hoosick Falls, N. Y.
 Woodhouse J. S. Co. (Smoothing), 191 Water, New York

5953—*Harrows (Peg Tooth)

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (Deering - McCormick - Osborne - Keystone - International), 702 Harvester bldg., Chicago
See adv index at end of book

5954— Harrows (Spading)

Bryan Plow Co., Bryan, O.
 Deere & Mansur Co., Moline, Ill.
 Janesville Mach. Co. ("Budlong"), Janesville, Wis.
 Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.
 Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
 Wiard Plow Co. ("Morgan"), Batavia, N. Y.

5955—Harrows (Spring Tooth)

Akron Cultivator Co., Akron, O.
 Albright James H. & Sons, Mifflinburg, Pa.
 Babcock Mfg. Co., Leonardville, N. Y.
 Belcher & Taylor Agricultural Tool Co. ("Oxford"), Chicopee Falls, Mass.
 Brinly Hardy Co. ("Columbia," "Rufus"), Louisville, Ky.
 Brown-Manly Plow Co. (Wood Frame), Malta, O.
 Bucher & Gibbs Plow Co. ("Imperial"), Canton, O.
 Buch's A. Sons Co., Elizabethtown, Pa.
 Buffalo Pitts Co., Buffalo, N. Y.
 Burch Plow Works Co. (Steel Frame), Crestline, O.
 Cambridge Steel Plow Co., Cambridge, N. Y.
 Conner J. W. & Son ("Orangeville" Coil Spring & Scotch Hinge), Orangeville, Pa.
 Davidson-Dietrich Plow Co., Evansville, Ind.
 Donaldson Bros., Mount Clemens, Mich.
 Eddy W. Plow Co., Greenwich, N. Y.
 Eureka Mower Co. ("Eureka," Combination "Badger," "Standard"), 16 Hickory, Utica, N. Y.
 Farquhar A. B. Co. (Ltd.) ("Pennsylvania"), York, Pa.
 Gale Mfg. Co. ("Albion," "Empire," "Star" Steel or Wood Frame), Albion, Mich.
 Genesee Valley Mfg. Co. ("Fargo"), Mt. Morris, N. Y.
 Greenville Implement Co., Greenville, Mich.
 Heebner & Sons, Lansdale, Pa.
 Hensch & Dromgold Co., York, Pa.
 Hussey Plow Co. ("Hussey"), N Berwich, "Daisy", York, Pa.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (Deering-McCormick-Osborne), 702 Harvester bldg., Chicago
See adv index at end of book

Johnston Harvester Co. ("Perry"), Batavia, N. Y.
 Keystone Farm Machine Co., York, Pa.
 La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
 Lean Roderick Mfg. Co. (Also Spike Tooth), Mansfield, O.
 Lehr Agricultural Co. (Steel Frame), Fremont, O.
 Light Draft Harrow Co. ("Forkner"), Marshalltown, Ia.
 Maroa Mfg. Co. ("Maroa"), Maroa, Ill.
 Moline Plow Co. ("Moline"), Moline, Ill.
 Munsville Plow Co. ("Perry," "Otsego" Steel Frame), Munsville, N. Y.
 New Idea Spreader Co. ("New Idea"), Coldwater, O.
 Ohio Cultivator Co. ("Ohio"), Bellevue, O.
 Ohio Rake Co. (Quall Steel & "Advance," "Wood," "Monarch"), Dayton, O.
 Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
 Parlin & Orendorff Co. ("P. & O" Spike Tooth), Canton, Ill.

Reed Fdry. & Mach. Co. ("Triumph" Sulky), Kalamazoo, Mich.
 Rockford Mfg. Co., Rockford, Ill.
 South Bend Chilled Plow Co. ("Jewel," "Newmarket"), South Bend, Ind.
 Southern Plow Co., Dallas, Tex.
 Syracuse Chilled Plow Co., Syracuse, N. Y.
 Tanner D. F., Holland, N. Y.
 Thomas Mfg. Co. ("Western," "Thomas"), Springfield, O.
 Wirtz & Hernlen ("Dixie"), Augusta, Ga.
 Wood W. A. Mowing & Reaping Machine Co. ("Climax"), Hoosick Falls, N. Y.

5956— Harrows (Toothless)

Miller & Rellim Co. ("Rellim"), College Corner, O.

5957—Harrows & Pulverizers

Allen S. L. & Co. ("Planet Jr."), Denckla bldg., Phila., Pa.
 American Seeding Machine Co. (Spike Tooth), Springfield, O.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Anderson Company ("Boss" Harrows), St. Paul, Minn.
 Avery B. F. & Sons (Lever, Spike Tooth), Louisville, Ky.
 Barley Thos. K., Sedalia, Mo.
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
 Bechtolt Geo. E., Urbana, O.
 Belcher & Taylor Agl. Tool Co. (Eclipse Weed Harrow, Yankee Pulverizer, Share's Coulter Harrow, etc), Chicopee Falls, Mass.
 Bloom Mfg. Co. (Spike Tooth), Nashua, Ia.
 Brinly Hardy Co., Louisville, Ky.
 Brown Mfg. Co., Zanesville, O.
 Bryan Plow Co., Bryan, O.
 Bucher & Gibbs Plow Co. (Spike Tooth), Canton, O.
 Buffalo Springfield Roller Co. (Road & Street Harrows), Springfield, O.
 Cambridge Steel Plow Co. (Spike Tooth), Cambridge, N. Y.
 Case J. I. Plow Works (Critic Closed End, Lever Wood Bar & Pipe & Pipe Flexible), Racine, Wis.
 Clore Wm. H. Mfg. Co. (Side Harrows), Washington, Ind.
 Collins Plow Co. (Quicy Lever, Steel U Bar), Quincy, Ill.
 Cutaway Harrow Co. ("Clark"), Higganum, Conn.
 Davidson Dietrich Plow Co. (U Bar Harrows), Evansville, Ind.
 Deere John Plow Works, Moline, Ill.
 Defiance Welding Co. (Peg Tooth, Self-Adjusting Leverless), Defiance, O.
 Deutscher H. P. Co. ("Malcolm" Pulverizer), Hamilton, O.
 Dowden Mfg. Co. (Ltd.) (Weed Harrow), Prairie City, Ia.
 Dunham Co. (Surface & Sub-Surface), Berea, O.
 Emerson-Brantingham Co. ("Emerson" Steel, Wood Frame, Smoothing, Stiff Tooth, Vibrating), Rockford, Ill.
 Empire Plow Co. ("Empire"), Cleveland, O.
 Farquhar A. B. Co. (Ltd.) (Spring Tooth, etc)
 Fort Madison Plow Co., Fort Madison, Ia.
 Gale Mfg. Co. (Spring Tooth Steel & Lever Harrows, Spike Tooth, Steel U Bar), Albion, Mich.
 Galloway Wm. Co., Waterloo, Ia.
 Genesee Valley Mfg. Co. ("Fargo V Tooth"), Mt. Morris, N. Y.
 Grand Detour Plow Co. (Pipe, U Bar, & Oakwood Harrows), Dixon, Ill.
 Haish Jacob Co., De Kalb, Ill.
 Harriman Mfg. Co., Harriman, Tenn.
 Hayes Pump & Planter Co. (Steel U Bar, Angle Bar or Pipe with Spike Tooth), Galva, Ill.
 Hazen W. S. ("Hazen," "Scotch"), Ripon, Wis.
 Howell R. R. & Co. (Harrows), 31st av, Minneapolis, Minn.
 International Harrow Cultivator Co., Birmingham, Ala.
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), 702 Harvester Building, Chicago
See adv index at end of book
 James Mfg. Co., Fort Atkinson, Wis.
 Janesville Machine Co. ("Van Dyke," "James," Flexible, Plow Cut, Ewe Bar, Guarded End, Tubular Lever), Janesville, Wis.
 Jelliff C. O. Mfg. Corporation ("Meeker's" Smoothing), Southport, Conn.
 Johnston Harvester Co. (Steel), Batavia, N. Y.

Keystone Farm Machine Co. (Spring & Spike Tooth), York, Pa.
 La Crosse Plow Co. (Tubular, Zig-Zag, Steel & Wood Flexible & Wood Lever), La Crosse, Wis.
 Lean Roderick Mfg. Co. ("Roderick Lean" All Steel Lever, Pipe Bar, Flexible, Zig-Zag, Spike Tooth), Mansfield, O.
 Lee Bros., Watertown, S. D.
 Lehr Agricultural Co. (Peg Tooth, etc), Fremont, O.
 Madison Plow Co. ("Boss," "Bonanza" Lever, U. & Pipe Bar), Madison, Wis.
 Maroa Mfg. Co. (Riding Harrows), Maroa, Ill.
 Marseilles Harrow Mfg. Co. (Triangular-Steel Frame), Marseilles, Ill.
 Moline Plow Co. (Peg & Spring Tooth with or without Seat), Moline, Ill.
 Monmouth Plow Factory (Lever), Monmouth, Ill.
 Nash Duane H. ("Acme" Pulverizer), Millington, N. J.
 National Harrow Co., Le Roy, Ill.
 Ohio Cultivator Co. (Steel Lever, Cyclone Pulverizer), Bellevue, O.
 Ohio Rake Co. (U Bar, Quail L Bar, Spike Tooth, "Ohio" Wood Bar "Miamia"), Dayton, O.
 Parlin & Orendorff Co. ("P. & O." Pipe Frame Lever, U Bar Lever, "Diamond," "Favorite" Lever Guard, "Climax" Round Bar, Clod Crusher), Canton, Ill.
 Peru Plow & Wheel Co., Peru, Ill.
 Peterson Mfg. Co. (Imperial Pulverizer), Kent, O.
 Platner Implement Co. (Spike Tooth, Steel Frame), Denver, Col.
 Pounder Geo. H. (Pounder Flexible), Ft. Atkinson, Wis.
 Racine-Sattley Co. (Spike Tooth, Steel Frame, "Toga"), Springfield, Ill.
 Rawlings Implement Co., 11 W Pratt, Baltimore, Md.
 Reed & Rogers Mfg. Co. (Scotch), Vernon, Ind.
 Ripley Foundry & Machine Co. ("Parker" Soil Pulverizers), Ripley, O.
 Ripston Wm. & Son, Youngstown, N. Y.
 Rock Island Plow Co. (Steel & Wood Flexible & Lever Harrows), Rock Island, Ill.
 Rockford Mfg. Co. ("Rockford," Steel & Wood Lever), Rockford, Ill.
 Sargent, Osgood & Roundy Co., Randolph, Vt.
 Sechler D. M. Implement & Carriage Co. ("Black Hawk Pulverizer"), Moline, Ill.
 South Bend Chilled Plow Co., South Bend, Ind.
 Southern Plow Co. (Harrows), Columbus, Ga.
 Sparta Plow Works (Imperial U Bar Harrows), Sparta, Ill.
 Star Mfg. Co. (Spike Tooth Harrows), Carpentersville, Ill.
 Sterling Mfg. Co. (Lever), Sterling, Ill.
 Swanson-St. Joseph Plow Co. (Scotch Channel & Pipe or Tax Bar Steel Spike Tooth), St. Joseph, Mo.
 Syracuse Chilled Plow Co. (Spring & Spike Tooth), Syracuse, N. Y.
 Thompson Plow Works (U Bar, Steel Lever, Champion Pipe Bar), Beloit, Wis.
 Tower J. D. & Sons Co. (Pulverizer, Clod Crusher & Weed Exterminator), Mendota, Ill.
 Towers & Sullivan Mfg. Co. ("Pennington," Roman & Ark Side Harrow), Rome, Ga.
 Vaughn Mfg. Co. (Flexible), Jefferson, Wis.
 Whitman Agricultural Co., St. Louis, Mo.
 Wiard Plow Co. (Cotton & Corn), Batavia, N. Y.
 Wilder-Strong Implement Co., Monroe, Mich.
 Wood Walter A. Mowing & Reaping Machine Co. (Disc, Spike & Spring Tooth), Hoosick Falls, N. Y.

5958—*Harvesters

See also Harvesters & Binders, Grain
 Holt Mfg. Co. (Caterpillar), Peoria, Ill.
INTERNATIONAL HARVESTER COMPANY OF AMERICA, (INC.) (Champion-Deering-McCormick - Milwaukee-Osborne-Plano) Harvesting & Haying Machines, 702 Harvester Building, Chicago See adv index at end of book

5959—Harvesters (Bean)

Akron Cultivator Co. (& Com.), Akron, O.
 Arnold's G. W. Son, Ionia, Mich.
 Batavia Machine Co., Batavia, N. Y.
 Caledonia Bean Harvester Works, Caledonia, N. Y.
 Donaldson Bros. ("Jiant," "Donaldson"), Mt. Clemens, Mich.
 Gale Mfg. Co., Albion, Mich.
 Hamachek Frank, Kewaunee, Wis.
 Lehr Agricultural Co., Fremont, O.
 Le Roy Plow Co., Le Roy, N. Y.
 Munnsville Plow Co., Munnsville, N. Y.
 Ohio Cultivator Co., Bellevue, O.
 Patterson Mfg. Co., Holly, Mich.
 Sterling Mfg. Co., Sterling, Ill.
 Wiard Plow Co. (The Universal), Batavia, N. Y.

5960—Harvesters (Blue Grass)

King R. C. ("Kings Patent"), Carlisle, Ky.
 McCormick Bros. ("McCormick"), Winchester, Ky.

5961—Harvesters (Broom Corn)

Paris Foundry & Machine Works ("Paris"), Paris, Ill.

5962—Harvesters (Combined)

Holt Mfg. Co., Stockton, Cal.
 Northwest Harvester Co. ("North West," Side Hill), Spokane, Wash.

5963—Harvesters (Corn)

Bennet H. L. & Co., Westerville, O.
 Blue Valley Mfg. Co., Manhattan, Kan.
 Cain Mfg. Co., Ottumwa, Ia.
 Fleming & Sons Mfg. Co., Huntsville, Mo.
 Independent Harvester Co., Plano, Ill.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (Deering-McCormick - Milwaukee-Osborne), 702 Harvester Building, Chicago
 See adv index at end of book

Jeschke Mfg. Co., Bellevue, O.
 Johnston Harvester Co., Batavia, N. Y.
 Kansas City Hay Press Co., Kansas City, Mo.
 Moline Plow Co. ("Adriance"), Moline, Ill.
 Ohio Rake Co. ("Standard" Steel, "Monarch" Wood Frame), Dayton, O.
 Ziegler W. F., Salina, Kan.

5964—Harvesters (Pea)

Blocki F. Co. (Pea), Sheboygan, Wis.
 Cardwell Machine Co., Richmond, Va.
 Gordon & Gordon, Elizabeth City, N. C.
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.
 Port Huron Engine & Thresher Co., Port Huron, Mich.

Harvesters (Potato)

See Diggers, Potato

5965—Harvesters (Rice)

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), (McCormick-Deering), 702 Harvester Building, Chicago, Ill.
 See adv index at end of book

5966—Harvesters & Binders (Grain)

Acme Harvesting Machine Co. (Combined), Peoria, Ill.
 Johnston Harvester Co., Batavia, N. Y.
 Moline Plow Co. ("Adriance"), Moline, Ill.
 Seiberling & Miller Co., Doylestown, O.
 Wood Walter A. Mowing & Reaping Machine Co. ("New Century"), Hoosick Falls, N. Y.

5966a—*Hasps (Automatic & Safety)

STANLEY WORKS, New Britain, Conn.
 See adv index at end of book

5966b—*Hasps (Basket & Crate)

STANLEY WORKS, New Britain, Conn.
 See adv index at end of book

5966c—*Hasps (Wrought Steel)

STANLEY WORKS (With or Without Hooks), New Britain, Conn.
 See adv index at end of book

Hasps (Hinge)

See Hasps & Staples

5967—Hasps & Staples

See also Staples

Auer John Jr. (Wrought, also Hasps, with Eye Bolts, etc.), Middleton, Brooklyn, N. Y.
 Brainerd Mfg. Co. (Basket, Crate & Box), East Rochester, N. Y.
 Brewer Bros. Co., 614 Filbert, Phila., Pa.
 Buffum Tool Co. ("Swastika," Hasps Only), South Side, Louisiana, Mo.
 Corbin Cabinet Lock Co., New Britain, Conn.
 Cronk & Carrier Mfg. Co., Elmira, N. Y.
 Griffin Mfg. Co. (Also Wrought Steel Hinge Hasps), Erie, Pa.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Hasps, Hooks & Staples), St. Louis, Mo.
 Humason & Beckley Mfg. Co. (Wrought), New Britain, Conn.
 Lanz M. & Sons (Hinge Hasps), 2907 Carson, Pittsburgh, Pa.
 Lawrence Bros. (Wrought Iron), Sterling, Ill.
 McKinney Mfg. Co., N. S., Pittsburgh, Pa.
 National Mfg. Co. (All Steel, Also Automatic Safety Latching), Sterling, Ill.
 Ney Mfg. Co., Canton, O.
 Richards-Wilcox Mfg. Co., Aurora, Ill.
STANLEY WORKS (Wrought Steel With & Without Hooks, also Automatic Hasps & Basket & Crate Hasps), New Britain, Conn.
 See adv index at end of book
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.
 Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
 Wilcox, Crittenden & Co. (Malleable Iron & Brass Hinge Hasps), Middletown, Conn.

5968—Hatchet Mrs.

American Axe & Tool Co. (All Kinds), Glassport, Pa., & 253 B'way, New York
 Arcade Mfg. Co. (Cast Shingling, etc.), Freeport, Ill.
 Black John B. Co. ("Wm. Beatty & Sons," "Royal" Ice, Half Shingling, Claw, Lathing, Barrel, Produce, Warehouse or Tobacco, Broad, etc.), Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co. (All Kinds), Newburgh, N. Y.
 Burgess-Norton Mfg. Co., Geneva, Ill.
 Collins Co., Collinsville, Conn.
 Duffy Mfg. Co. (Barrel), 214 W Grand av, Chicago, Ill.
 Evansville Tool Works (All Kinds), Evansville, Ind.
 Germantown Tool Works ("Selsor's" Rustless & "Blue Jacket" Barrell Box, Lathing, Shingling, Half Claw, etc.), 521 Market, Phila., Pa.
 Grammes L. F. & Sons (Box Opener, Candy, etc.), Allentown, Pa.
 Grey Iron Casting Co. ("Monarch" Cast Steel, Claw, Half, Ice, Shingling, etc.), Mt. Joy, Pa.
 Hammond C. & Son (All Kinds), Ogontz, Pa.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Mason & Parker Mfg. Co., Winchendon, Mass.
 North Wayne Tool Co. ("Karadam," Tobacco, etc.), Hallowell, Me.
 Peavey Mfg. Co. (Hunting), Bangor, Me.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette R. (Inc.), ("Anchor"), Tucker & James, Phila., Pa.
 Potter Mfg. Co. (Cast, Shingling, Half-Hatchets, also Ice or Candy), Geneva, O.
 Reading Saddle & Mfg. Co. (Household), Reading, Pa.
 Rocky Hill Hardware Co., Rocky Hill, Conn.
 Romer Axe Co. ("Romer," Claw, Half, Broad, Lathing & Shingling, Sportsman's Axe Pattern, etc.), Dunkirk, N. Y.
 Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.
 Sargent & Co. (Shingling), New Haven, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
 Stover Mfg. Co. (Cast, Shingling, etc.), Freeport, Ill.

Weston Thos. B., 708 Light, Baltimore, Md.
 What Cheer Tool Co. ("What Cheer," Claw, Spiking, etc.), What Cheer, Iowa
 Williams A. C. Co., (Cast Iron Only), Ravensenna, O.
 Wrightsville Hdw. Co. (Claw, Ice, Confectioners, Shingles & Half), Wrightsville, Pa.

5969— Hatchets (Candy)

Magg August Co., 509 W Lombard, Baltimore, Md.
 Nicol & Co., 218 N Jefferson, Chicago, Ill.

5970— Hatchets (Lathing)

See Hatchet Mfrs.

Hatchets (Shingling)

See Hatchet Mfrs.

Hats (Miners')

See Caps, Miners'

5971— Hats (Palm Leaf)

Burnett Geo. B. & Son, 36 W 4th, New York

5972— Hauls (Car)

BARTLETT C. O. & SNOW CO. ("Greene" Self-Dumping), French st, Cleveland, Ohio *See adv index at end of book*

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.

Dodge Sales & Engineering Co., Mishawaka, Ind.

Fairmont Mining Machinery Co. (Endless Cable), Fairmont, W. Va.

Helmick Foundry & Machine Co., Fairmont, W. Va.

JEFFREY MFG. CO. (Wire Cable or Chain), 961 N Fourth, Columbus, O. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.

Webster Mfg. Co., Tiffin, O.

5973— Haversacks

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.

Mills Woven Cartridge Belt Co., Worcester, Mass.

5974— Hawks (Plasterers')

See also Trowels

Buffum Tool Co. ("Swastika," Aluminum), South Side, Louisiana, Mo.

5975— *Hay Presses

See also Presses, Bailing & Hay

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (International one and two-horse belt power and motor baling presses), 702 Harvester bldg, Chicago *See adv index at end of book*

5976— Head Chairs (Steel Plate)

Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*
 Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.

5977— Headers (Barrel)

Ames Plow Co., Quincy Hall, Boston, Mass.
 Hyson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.

Swett A. L. Iron Works (Or Barrel Presses), Medina, N. Y.
 Tanner D. F., Holland, N. Y.

5978— *Headers (Fruit Can)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

5979— Headers (Grain)

Acme Harvesting Machine Co. ("Hodges & Craver"), Peoria, Ill.

INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Champion - Deering - McCormick - Osborne) 702 Harvester bldg, Chicago, Ill. *See adv index at end of book*

Johnston Harvester Co. ("Continental"), Batavia, N. Y.

Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

5980—Headlights (Acetylene Gas)

Adams & Westlake, 319 W Ontario, Chicago, Ill.

Commercial Acetylene Co., 80 B'way, New York

Dayton Mfg. Co., Dayton, O.

Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.

Kraft A. C. 323 W Lake, Chicago, Ill.

Valuable for Locomotives where Electric and Oil Lights are not desired or suitable. They have many advantages over both types.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md. *See adv index at end of book*

Smith of N. Y. Co., 352 Pearl, New York

United States Headlight Co., Buffalo, N. Y.

Headlights (Arc)

See Headlights, Electric Car

5981—Headlights (Arc, Electric Mine Locomotive)

Crouse-Hinds Co. ("Imperial"), Syracuse, N. Y.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.

Ohio Brass Co. ("Luminous"), Mansfield, O.

United States Headlight Co., Buffalo, N. Y.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

5982—Headlights (Automobile)

See also Lamps, Automobile

Badger Brass Mfg. Co. ("Autoclipse"), Kenosha, Wis.

Corcoran-Victor Co., Cincinnati, O.

Fowler Lamp & Mfg. Co. ("Fowler," Electric & Gas), 59 E 24th, Chicago, Ill.

Hawthorne Mfg. Co. ("Old Sol"), Bridgeport, Conn.

Hine-Watt Mfg. Co. ("Columbia" Bicycle & Motorcycle, etc), 180 N Market, Chicago, Ill.

Prest-O-Lite Co. ("Prest-O-Lite"), Indianapolis, Ind.

Vesta Accumulator Co. ("Vesta," Electric), 2100 Indiana av, Chicago, Ill.

5983—Headlights (Electric Car)

See also Headlights, Locomotive

Adams & Westlake Co. (Arc & Incandescent), 319 W Ontario, Chicago, Ill.

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Crouse-Hinds Co. ("Imperial" Arc & Incandescent), Syracuse, N. Y.

Dayton Mfg. Co. (Arc & Incandescent, "Eureka," "Mosher," "Rex," "Venus," "Wagenhals," "Wellman"), Dayton, O.

Dewey F. O. Co., 28 Canal, Boston, Mass.

Dressel Railway Lamp Works, 3860 Park av, New York

Electric Service Supplies Co. ("Golden Glow"), 17th & Cambria, Phila, Pa.

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Glazier Headlight Co., Rochester, N. Y.

Neal Electric Headlight Co., Board of Trade bldg, Boston, Mass.

Pyle-National Electric Headlight Co., 500 Throop, Chicago, Ill.

St. Louis Car Co. ("Anderson-Smith"), 8000 N B'way, St. Louis, Mo.

Schettler C. A. & Co. (Duplex), 507 Central av, Cleveland, O.

Smith of N. Y. Co., 352 Pearl, New York

Star Headlight Co., Rochester, N. Y.

Trolley Supply Co. ("Climax," "Star," "Globe"), Canton, O.

United States Headlight Co. (Arc & Incandescent), Buffalo, N. Y.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Headlights (Incandescent)

See Headlights, Electric Car

5984—Headlights (Locomotive)

See also Headlights, Electric Car; also Headlights, Acetylene Gas; also Headlights, Oil

Adams & Westlake Co. (Also Street & Interurban), 319 W Ontario, Chicago, Ill.

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Buda Co. ("Buda Ross" Electric), Railway Exch. bldg, Chicago, Ill.

Dayton Mfg. Co., Dayton, O.

Dewey F. O. Co., 28 Canal, Boston, Mass.

Dressel Railway Lamp Works, 3860 Park av, New York

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Glazier Headlight Co., Rochester, N. Y.

Handlan-Buck Mfg. Co. (Handlan), 210-14 N 3d, St. Louis, Mo.

Kraft A. C., 323 W Lake, Chicago, Ill.

Kraushaar Brass Mfg. Co., 1112 Market St. Louis, Mo.

MILBURN A. ALEXANDER CO. (Steam Acetylene Generator), 1420 W Baltimore, Baltimore, Md. *See adv index at end of book*

Moon Mfg. Co. (Electric), 122 N Jefferson, Chicago, Ill.

Pyle-National Electric Headlight Co., 500 Throop, Chicago, Ill.

Schroeder Headlight Co. (Electric & Oil), Evansville, Ind.

Sherburne & Co., 53 Oliver, Boston, Mass.

Smith of N. Y. Co., 352 Pearl, New York

Star Headlight Co., Rochester, N. Y.

United States Headlight Co. (Electric, Gas & Oil), Buffalo, N. Y.

WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa. *See adv index at end of book*

See adv index at end of book

5985— Headlights (Oil)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.

Dayton Mfg. Co., Dayton, O.

Defiance Lantern & Stamping Co. (Kerosene), Rochester, N. Y.

Schroeder Headlight Co. ("Schroeder"), Evansville, Ind.

Smith of New York Co., 352 Pearl, New York

Star Headlight Co., Rochester, N. Y.

United States Headlight Co., Buffalo, N. Y.

5986— Headrods

Economy Separable Switch Point Co. ("Economy," Adjustable for Switch Point, etc.), Louisville, Ky.

Wharton Wm. Jr. & Co. Inc. (Various Standard Styles & "Wharton O'Brien" Insulated Operating & Lock Rods), Easton, Pa.

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5990—Heads (Coke Scraper)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
 Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Western Tool & Forge Co., Brackenridge, Pa.

5991—Heads (Crimping)

Sligwart & Rolston, 341 2d av, Pittsburgh, Pa.

5992—Heads (Cutter)

American Woodworking Machinery Co., Rochester, N. Y.
 Bentel & Margedant Co., Hamilton, O.
 Buettner Shelbourne Machine Co. ("B. & S"), Terre Haute, Ind.
 Fay J. A. & Egan Co., Cincinnati, O.
 Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
 Mattison C. Machine Works, Beloit, Wis.
 Philbrick Cutter Head Co., Seattle, Wash.
 Porter C. O. Machinery Co. ("Porter"), Grand Rapids, Mich.
 Power L. & Co., 20 S 23d, Phila., Pa.
 Schellenbach-Hunt Tool Co. ("Universal" Expanding Cutter Boring), Murdock bldg, Cincinnati, O.
 Shimer Samuel J. & Sons (Expansion), Milton, Pa.
 Smith H. B. Machine Co., Smithville, N. J.
 Stamm Machine Wks., Aurora, Ind.
 Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
 Woods S. A. Machine Co. ("Woods" Convertible Disc Slide), Boston, Mass.
 Wright Chas. E. Co., Kenilworth, N. J.

5993—Heads (Cutter, Mining Machine)

Buettner Shelbourne Machine Co. ("B. & S"), Terre Haute, Ind.
 Prox Frank Co. (Hardware Steel), Terre Haute, Ind.

Heads (Cylinder)

See Cylinder & Tank Shells

5994—Heads (Dado)

Atkins E. C. & Co., Indianapolis, Ind.
 Baldwin, Tuthill & Bolton (Groover or Dado), Grand Rapids, Mich.
 Bentel & Margedant Co., Hamilton, O.
 Cocker Saw Mfg. Co. (Groover & Dado), Lockport, N. Y.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Fox Machine Co., Jackson, Mich.
 Huther Bros. Saw Mfg. Co. (Groover or Dado Head), Rochester, N. Y.
 Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
 Mattison C. Machine Works, Beloit, Wis.
 Ohlen J. & Sons Saw Mfg. Co. (Dado or Expansion Head for Groover), Columbus, O.
 Yates P. B. Machine Co., Beloit, Wis.

5995—Heads (Die)

Eastern Machine Screw Corp. ("H. & G." Self-Opening & Adjustable Screw Cutting), New Haven, Conn.
 Geometric Tool Co. (Self-Opening & Adjustable Screw Cutting, "Geometer" Solid adjustable), New Haven, Conn.
GREENFIELD TAP & DIE CORP
 ("Wells' Self-Opening" & "Acorn"), Greenfield, Mass.
 See adv index at end of book
 Jarecki Mfg. Co. ("Jarecki," Die Heads & Chucks), Erie, Pa.
 Landis Machine Co. (For Pipe Threading), Waynesboro, Pa.
 Modern Tool Co. (Self-Opening Screw Cutting), 500 State, Erie, Pa.
 Murchey Machine & Tool Co. (Automatic), Detroit, Mich.
 National-Acme Mfg. Co. (Automatic), 7500 Stanton av, S. E. Cleveland, O.
 Pottstown Machine Co., Pottstown, Pa.

5996—Heads (Drilling)

Covington Multiple Drill Co. (Multiple Spindle), Covington, Ky.
 Hoefer Mfg. Co. (Auxiliary), Freeport, Ill.
 Nelson-Blanch Mfg. Co. (Adjustable), Du Bois & Clay av, Detroit, Mich.
 Sellev Machine Tool Co., Pawtucket, R. I.

5997—Heads (Flanged)

McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.
 Mossberg Frank Co. (Pressed Steel Discs or Heads), Attleboro, Mass.

5998—Heads (Golf)

Bayonne Casting Co. (Monel Metal), Bayonne, N. J.
 Page Storms Drop Forge Co. (Drop Forged Steel), Chicopee, Mass.
 Spalding A. G. & Bros., 126 Nassau, New York
WILLIAMS & CO. (INC.) (Monel Metal), 220-226 Penn Ave, Pittsburgh, Pa.
 See adv index at end of book
 Willingham E. G. (Hardwood), Memphis, Tenn.

5999—Heads (Grooving)

Cocker Saw Mfg. Co., Lockport, N. Y.
 Lamson Cutter Head Co., 34 N Jefferson, Chicago, Ill.
 Redin, Ekstrom & Co., Rockford, Ill.
 Redin John E., Rockford, Ill.

6000—*Heads (Hard Fibre)

DELAWARE HARD FIBRE CO. (For Spark Coils, Spoons, etc), Wilmington, Del. Works: Marshallton, Del.
 See adv index at end of book

6001—Heads (Hollow Auger)

Bentel & Margedant Co., Hamilton, O.

6002—Heads (Index & Dividing)

Brown & Sharpe Mfg. Co., Providence, R. I.
 Cincinnati Milling Machine Co., Cincinnati, O.
 Fox Machine Co., Jackson, Mich.
 Garvin Machine Co., 147 Varick, New York
 Pratt & Whitney Co., Hartford, Conn.

6003—Heads (Jointer)

Crescent Machine Co. (Safety), Leetonia, O.
 Oliver Machinery Co., Grand Rapids, Mich.
 Whisler John, Gibson, Ia.

6004-5—Heads (Leader)

Greason Mfg. Co. ("Rubispiere's Patent"), 108 W 99th, New York

6006—Heads (Piston)

Chester Steel Castings Co., Chester, Pa. & 407 Sansom, Phila., Pa.
 Pratt & Letchworth Co., Buffalo, N. Y.

6007—Heads (Planer)

Crucible Steel Co. of America (La Belle Steel), Oliver bldg, Pittsburgh, Pa.
 Oliver Machinery Co., Grand Rapids, Mich.

6008—Heads (Polishing & Grinding)

Builders' Iron Foundry ("Builders"), 9 Coddington, Providence, R. I.
 Clizbe Bros. Mfg. Co., Plymouth, Ind.
 Goodell-Pratt Co. (Also Grinding), Greenfield, Mass.
 Smith Winfield H., Buffalo, N. Y.

6009—Heads (Power Working)

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
 Humphries Mfg. Co., Mansfield, O.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 McDonald A. Y. Mfg. Co., Dubuque, Ia.

6010—Heads (Shaper)

Crescent Machine Co. (Safety), Leetonia, O.
 Oliver Machinery Co., Grand Rapids, Mich.
 Redin John E., Rockford, Ill.

Heads (Stone Boat)

See Fronts, Stone Boat

6011—Heads (Trolley Pole)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

6012—Heads (Turret)

Baker Machine Co., New Bedford, Mass.
 Meisselbach-Catucci Mfg. Co. (For Bench & Speed Lathes), 25 Congress, Newark, N. J.
 Milliken Machine Works (Ball), West Newton, Mass.

Hearses

See Ambulances

6013—*Hearths (Fore)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.
 See adv index at end of book

6013a—*Heat Treating Apparatus for Steel Tubes

Snead & Co., Iron Works, 98 Pine, Jersey City, N. J. See adv index at end of book

6013b—*Heat Treating (Steel)

Frasse Peter A. & Co. Inc., 417 Canal, New York. Works, Hartford, Conn.
 See adv index at end of book

Heaters (Acetylene)

See Stoves, Acetylene

6014—Heaters (Air)

Schutte & Koerting Co. ("S. & K."), 1251 N 12th, Phila., Pa.
 Worthington Pump & Machinery Corp., 115 B'way, New York

6015—Heaters (Air Tight)

Crunden-Martin Mfg. Co. (Sheet Iron), 2nd & Gratiot, St. Louis, Mo.
 Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.
 Geisel A. Mfg. Co. ("Victor" "Ideal"), 219 So 2nd, St. Louis, Mo.
 Kraft A. C. (Wood), 323 W Lake, Chicago, Ill.
 National Enameling & Stamping Co., 411 5th av, New York
 St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo. See adv index at end of book

Heaters (Alcohol)

See Stoves, Alcohol

6016—Heaters (Asphalt, Pitch & Tar)

See also Machinery, Asphalt

Albany Belting & Supply Co., Albany, N. Y.
 Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.
 Biehl Iron Works, Inc., Reading, Pa.
 City Boiler & Machine Co., Kansas City, Mo.
 Columbiana Boiler Co., Columbiana, O.
 Connery & Co. ("Nonleakable"), 2d & Luzerne, Phila., Pa.
 Dover Boiler Works (Tar & Asphalt), Sales Office: 50 Church, New York. Works: Dover, N. J. See adv index at end of book
 East Iron & Machine Co., 351 E Market, Lima, O.
 Evans F. H., 31 Hewes, Brooklyn, N. Y.
 Farrar & Trefts, Buffalo, N. Y.
 Finch Mfg. Co., Scranton, Pa.
 Hvass Chas. & Co., 511 E 18th, New York
 Leslie Elliott Co., Paterson, N. J.
 Littleford Bros., 444 E Pearl, Cincinnati, O.
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.
 MacLeod Co., 2232 Bogen, Cincinnati, O.
 See adv index at end of book
 Merrill Process Co., 70 Devonshire, Boston, Mass.
 National Boiler & Sheet Iron Works, Indianapolis, Ind.
 Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
 Smith Samuel & Son Co., Paterson, N. J.
 Springfield Boiler Co., Springfield, Ill.
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.
 See adv index at end of book

Sweeney & Gray Co., 81 6th, Long Island City, N. Y.
Tarrant Mfg. Co. ("Tarco"), Saratoga Springs, N. Y.
Turl Iron & Car Co., Inc., The, 50 Broad, New York; Works, Newburgh, N. Y.
Union Iron Works, Hoboken, N. J.
Warren City Tank & Boiler Co., Warren, O.

6017—Heaters (Auto Garage, Gas)

Kanneberg Roofing & Ceiling Co., Canton, Ohio
Pittsburgh Water Heater Co., Columbia Bk. bldg, Pittsburgh, Pa.

6018—Heaters (Automobile & Carriage)

Chicago Flexible Shaft Co. ("Clark"), 608 N La Salle av, Chicago, Ill.
Consolidated Car Heating Co. (For Electric or Gas Driven Automobiles), Albany, N. Y.
Hill Pump Valve Co. ("Utility"), Archer av, Canal & 23d, Chicago, Ill.
Kelly Foundry & Machine Co. ("R. F. D."), Goshen, Ind.
Lehman Bros. ("Star"), 197 Grand, New York
Metal Specialties Mfg. Co. (Electric), 338 N Kedzie av, Chicago, Ill.
Progressive Mercantile & Mfg Co. ("Petty"), Pana, Ill.
Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.
Wilson Stove & Mfg. Co., Valley Park, Mo.

6019—Heaters (Barrel)

Hynson Tool & Supply Co. ("Champion" Barrel & Keg), 4758 Easton av, St. Louis, Mo.
Jacobs Kenneth W., 1901 St. Paul av, Milwaukee, Wis.
Manistee Iron Works Co., Manistee, Mich.
Oram John S. Co. ("Champion"), Cleveland, O.

WARSAW ELEVATOR CO., Warsaw, N. Y.
See adv index at end of book

Heaters (Bath)

See Heaters, Water, Bath or Tank

6020—Heaters (Car, Coal)

Consolidated Car Heating Co. (Direct Steam & Hot Water), Albany, N. Y.
Cooper Heater Co. (Hot Water), Carlisle, Pa.
Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.
Gold Car Heating & Lighting Co. (Electric, Steam & Hot Water), 17 Battery pl, New York
Smith Peter Heater Co. (Hot Water), Detroit, Mich.
Spears Jas. Stove & Heating Co., 1823 Market, Phila., Pa., New York & Providence, R. I.
Vapor Car Heating Co. (Emergency Coal Stove), 1450 Railway Ex, Chicago, Ill.
Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.

Heaters (Car, Electric)

See Heaters, Electric Car

6021—Heaters (Car, Vapor System)

Gold Car, Heating & Lighting Co., 17 Battery pl, New York
Vapor Car Heating Co., 1450 Railway Ex, Chicago, Ill.

6022—*Heaters (Circulation Water)

GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book

6023—Heaters (Combination)

Barber Mfg. Co. (Hot Water & Hot Air), Ashtabula, O.
Barstow Stove Co. ("Barstow," "Bay State"), 116 Point, Providence, R. I.
Belleville Stove & Range Co. (Laundry Stove & Water Heater), Belleville, Ill.
Boynton Furnace Co., 106 W 37th, New York
Cox Abram Stove Co., cor American & Dauphin, Phila., Pa.
Earley Wm. (Hot Air, Hot Water & Steam), 1216 Ridge av, Phila., Pa.
Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.

Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.

Fuller & Warren Co., Troy, N. Y.
Giblin & Co., Utica, N. Y.
Hart & Crouse Co., Utica, N. Y.
Henderson Frank, Troy, N. Y.
Hertig Furnace Co. ("Kohler"), 1342 Columbus av, Boston, Mass.
International Heater Co. ("Pease Economy," "International Economy"), Utica, N. Y.

Keeley Stove Co. ("Columbian"), Columbia, Pa.

Keith Furnace Co. ("Keith"), Des Moines, Ia.

Magee Furnace Co., 38 Union, Boston, Mass.

Makin Heating Co., 1827 Filbert, Phila., Pa.

March-Brownback Stove Co., Pottstown, Pa.

Mershon Patent Shaking Grate Works, 147 N 3d, Phila., Pa.

Monroe Foundry & Furnace Co., Monroe, Mich.

Mott J. L. Iron Works (Hot Air & Hot Water), 118 5th av, New York

Mueller L. J. Furnace Co., Milwaukee, Wis.

Peninsular Stove Co. (Hot Air & Hot Water), Detroit, Mich.

Portland Stove Foundry Co., Portland, Me.

Quaker Mfg. Co. (Hot Air & Hot Water), 180 N Dearborn, Chicago, Ill.

Sheppard Isaac A. Co. ("Paragon"), Erie av & Sepvira, Phila., Pa.

Southard-Robertson Co. (Laundry Stove & Hot Water), Peekskill, N. Y.

Stamford Foundry Co. (Hot Air & Hot Water), Stamford, Conn.

Taplin, Rice, Clerkin Co., Akron, O.

Utica Heater Co., Utica, N. Y.

Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.

6024—Heaters (Curling Iron)

Houchin Thos. W. Co., 38 E 21st, New York

Nicol & Co. ("Aetna" Gas), 218 N Jefferson, Chicago, Ill.

Simplex Electric Heating Co. (Electric "Simplex"), Cambridge, Mass.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

6025—Heaters (Electric)

Adams Bros. Mfg. Co., Fayette & Chartiers, Pittsburgh, Pa.

American Electrical Heater Co. ("American" for Cooking, Heating, etc), Detroit, Mich.

Cadillac Electric Mfg. Co., Cadillac, Mich.

Consolidated Car Heating Co. (House & Office), Albany, N. Y.

Copeman Electric Stove Co., Flint, Mich.

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.

GENERAL ELECTRIC CO. Schenectady, N. Y. *See adv index at end of book*

Hotpoint Electric Heating Co., Ontario, Cal.

Hughes Electric Heating Co. ("Hughes" Stoves & Ranges), 5660 W Taylor, Chicago, Ill.

Johns H. W.-Manville Co., Madison av & 41st, New York

Loetscher-Ryan Mfg. Co. (Water), Du-buque, Ia.

Majestic Elec. Development Co., O'Farrell, San Francisco, Cal.

Manning, Bowman & Co. (Cooking Utensils), Meriden, Conn.

Nagel W. G. Elec. Co. ("Fisk"), Toledo, O.

National Electric Welder Co. (Welding), Warren, O.

Prometheus Electric Co., 511 W 42nd, New York

Schaar & Co. ("Hexagon"), 1025 So State, Chicago, Ill.

Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.

Vulcan Electric Heating Co., 107 W 13th, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

6026—Heaters (Electric Car)

Consolidated Car Heating Co., Albany, N. Y.

Gold Car Heating & Lighting Co., 17 Battery pl, New York

Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York

Prometheus Electric Co., 511 W 42d, New York

6027—Heaters (Exhaust)

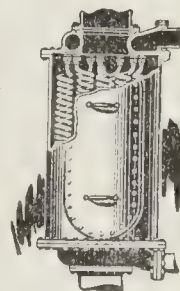
Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

6028—Heaters (Feed Water)

See also Purifiers, Feed Water

REILLY HEATER

Highest efficiency per square foot of heating surface. Every coil may be inspected without breaking pipe joints. Coils tested to 300 pounds. Millions of horse power capacity in daily use.



THE

GRISCOM-RUSSELL CO.

92 West Street New York

Alberger Heater Co. ("Alberger" Multi-Head), Buffalo, N. Y.

ALBERGER PUMP & CONDENSER CO. ("Wainwright"), 140 Cedar, New York

Allen Wm. Sons Co. ("Victor," "Excelsior"), Worcester, Mass.

Allis-Chalmers Mfg. Co., Milwaukee, Wis.

See adv index at end of book

Baragwanath Wm. & Son, 1260 W Division, Chicago, Ill.

Bass Foundry & Machine Co., Fort Wayne, Ind.

Bates Machine Co. ("Cookson"), Joliet, Ill.

Beggs James & Co., 30 Warren, New York

Berry Engineering Co., Chester, Pa.

Brennan John & Co., 24th & M C R R, Detroit, Mich.

Bridgeport Boiler Works Co. ("Lowe"), Bridgeport, Conn.

Brownell Co. (Standard & Improved), Dayton, Ohio

Bulkley Henry W., Orange, N. J.

Casey-Hedges Co., Chattanooga, Tenn.

Catchpole Boiler Foundry & Machine Co., Geneva, N. Y.

Central Boiler Works, 3d & Congress, Detroit, Mich.

Cole R. D. Mfg. Co., Newnan, Ga.

Cox & Sons Co., Bridgeton, N. J.

Davis I. B. & Son ("Berryman," "Gleaner" & "Hartford"), Hartford, Conn.

Elliott Co. ("Pittsburg"), Heater & Purifier, Pittsburgh, Pa.

Erie City Iron Works (Open & Counter Current, etc), Erie, Pa.

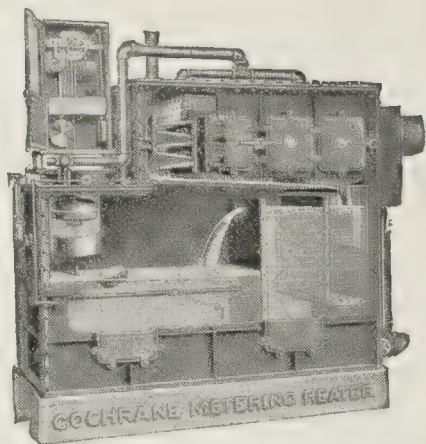
Exeter Machine Works, Pittston, Pa.

Frost Mfg. Co. ("Frost Standard" & "Standard"), Galesburg, Ill.

Garrett W. D. & Co. ("Garrett" Heater & Oil Separator), 136 Liberty, New York

Gem City Boiler Co., 331 Leo, Dayton, O.

GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*



HARRISON SAFETY BOILER WORKS

3147 N. 17th Street, Philadelphia, Penna.

MANUFACTURERS OF THE CELEBRATED COCHRANE LINES, INCLUDING OPEN FEED WATER HEATERS, STEAM-STACK AND CUT-OUT VALVE HEATERS AND RECEIVERS, METERING HEATERS AND INDEPENDENT METERS, SORGE-COCHRANE HOT-PROCESS WATER SOFTENERS, STEAM AND OIL SEPARATORS, AND MULTI-PORT BACK-PRESSURE, ATMOSPHERIC RELIEF, FLOW AND CHECK VALVES.



Cochrane Separator

Great Lakes Engineering Works (Heaters & Purifiers), Detroit, Mich.
Green Fuel Economizer Co., Matteawan, N. Y.

GRISCOM-RUSSELL CO. ("Reilly Multicoil," Closed Type, Marine & Stationary; "Goubert" Multipass, Closed Type; Russell Storage "Massillon," Open Type), 92 West, New York
See adv index at end of book

HARRISBURG PIPE & PIPE BENDING CO., 111 South 1st St., Harrisburg, Pa.

Harris Arthur & Co. ("Harris" Coil Heater), 212 N Curtis, Chicago, Ill.

HARRISON SAFETY BOILER WORKS ("Cochrane"), 3147 N 17th, Phila, Pa.
See adv index at end of book

Hartwell Iron Works, Houston, Tex.

Hoppes Mfg. Co., Springfield, O.

Horstmann F. W. Co., Irvington, N. J.

Hussey, McCann & Co. (Compound Flue), 87 Warren, New York

Imperial Iron Works ("Bulkley"), Duluth, Minn.

Jackson & Church Co., Saginaw, Mich.

Jacobs Charles & Co. ("Jacobs" Water Tube), 258 Franklin, Boston, Mass.

Jarvis Engine & Machine Works ("Monitor"), Lansing, Mich.

Keeler E. Co., Williamsport, Pa.

Kelley Benj. F. & Son ("Standard," "Berryman"), 25 Church, New York

Kellogg M. W. Co., 90 West, New York
See adv index at end of book

Kennicott Co., Chicago Heights, Ill.

Keyes F. E., 20 Broad, New York

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Kroeschell Bros. Co. ("Kroeschell," "Bourgeois," Heaters & Purifiers), 440 W Erie, Chicago, Ill.

Linton Machine Co., 26 Cortlandt, New York

McGowan John H. Co., 52 Central av, Cincinnati, O.

Milwaukee Reliance Boiler Works ("Perfection" Heater & Purifier), 1102 32d, Milwaukee, Wis.

Murray Iron Works Co. (Open & Closed Types), Central av & Washington, Burlington, Ia.

NASON MFG. CO., 71 Fulton, New York
See adv index at end of book

National Pipe Bending Co. ("National"), New Haven, Conn.

O'Brien Jno. Boiler Works Co., ("Weaver"), 11th & Mullanphy, St. Louis, Mo.

Open Coil Heater & Purifier Co. ("Stickle" Heater & Purifier), Indianapolis, Ind.

Patterson Frank L. & Co. ("Patterson-Berryman"), 26 Cortlandt, New York

Phoenix Iron Works Co. ("Munn"), Meadville, Pa.

Platt Iron Works Co. ("Stillwell" Open & Closed), Dayton, O.

Power Plant Specialty Co. ("Vater" Open), Monadnock blk. Chicago, Ill.

Robertson Jas. L. & Son, 78 Murray, New York

Ross Mfg. Co., Northville, Mich.

SCHUTTE & KOERTING CO. ("S. & K." Film), 1251 N 12th, Phila., Pa.

Sharkey & Peck, 2433 W 18th, Chicago, Ill.

Sims Co. ("Sims" Tubular or Closed & Open Feed Water Heaters & Purifiers), 18th & Whitley av, Erie, Pa.

Springfield Boiler Co., Springfield, Ill.

Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York

Standard Water Systems Co. ("Tripure" Multicoil Type), Hampton, N. J.

Stewart Heater Co. (Open & Tubular; also "The Otis"), Buffalo, N. Y.

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

United Iron Works Co., Springfield, Mo.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Webster Warren & Co., Camden, N. J.

Weld Geo. A. Co., 79 Milk, Boston, Mass.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Wetherill Robt. & Co., Chester, Pa.

Wheeler C. H. Mfg. Co. (Closed), Lehigh & N 18th, Phila., Pa.

WHEELER CONDENSER & ENGINEERING CO. ("Wheeler"), Carteret, N. J.
See adv index at end of book

Whitlock Coil Pipe Co. ("American Standard," "Berryman"), Hartford, Conn.

Wickes Boiler Co., Saginaw, Mich.

Williams Tool Co. (Transverse Current), Erie, Pa.

Worthington Pump & Machinery Corp., 115 B'way, New York

6029— Heaters (Fire Place)

Backus Frederick E. ("Backus," Open Fireplace), 110 Portland, Boston, Mass.

Bartlett Hayward Co. ("Grand Domestic," "Windsor," "Gem," "Magic," "Severn," "Chelsea," "Linden," "Monarch," "Prize," "Victor Grand"), Scott & McHenry, Baltimore, Md.

Bibb B. C. Stove Co., 107 Light, Baltimore, Md.

Century Stove & Mfg. Co. (Gas), Johnstown, Pa.

Heltland Grate & Mantel Co. (Hot Water), Quincy, Ill.

Reading Stove Works (Orr, Painter & Co.) ("Sunshine"), Reading, Pa.

Reliable Stove Co. ("Reliable"), Cleveland, O.

Richardson & Boynton Co. ("Perfect"), 31 W 31st, New York

Sanitary Heating Co. ("Grand Solar" Gas Enclosed), 233 37th, Brooklyn, N. Y.

Sexton S. B. Stove & Mfg. Co., 500 Block W Conway, Baltimore, Md.

Spear James Stove & Heating Co., 1823 Market, Phila., Pa.

Superior Mfg. Co. (For Natural or Artificial Gas), Magnolia, Pittsburgh, Pa.

Union Stove Works ("Astor Franklin"), 70 Beekman, New York

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Union Stove Works ("Astor Franklin"), 70 Beekman, New York

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Backus Frederick E. ("Backus"), 110 Portland, Boston, Mass.

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

6032—Heaters (Gas, for Tailors' Irons)

Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.

Weiskittel A. & Son Co. ("Flre King"), 12th & E Lombard, Baltimore, Md.

6033— Heaters (Gas Jet)

Kohler Die & Specialty Co. ("Kost" Jet & Floor), De Kalb, Ill.

Ohio State Stove Co. ("Kumfy"), Columbus, O.

Parker Wire Goods Co. (Wire), Worcester, Mass.

Woods-Sherwood Co. ("Sherwood's" Wire), Worcester, Mass.

6034—Heaters (Gas, Steam & Hot Water, Radiation)

American Blower Co. (Steam & Hot Water Only), 1400 Russell, Detroit, Mich.

Bastian-Morley Co. ("Superior" Gas & Gasoline, Range Boiler), 312 S Canal, Chicago, Ill.

Bryant Heater & Mfg. Co. ("Bryant" Gas), 952 E 72d, Cleveland, O.

Kronquest August C. ("Maywood"), Maywood, Ill.

Miller Wm. Range & Furnace Co., 7th & B'way, Cincinnati, O.

Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.

Simmons John Co., 110 Centre, New York

Smith H. B. Co. ("Smith" for Steam & Hot Water Only), Westfield, Mass.

Stevenson Edward S. ("Dewey"), New Castle, Pa.

6035— Heaters (Glue)

Advance Machinery Co. ("Wetmore" Electric, Gas, Portable, Oil & Steam), Toledo, O.

American Electrical Heater Co. (Electric), Detroit, Mich.

Beck Chas. Co., 607 Chestnut, Phila., Pa.
See adv index at end of book

Dart E. M. Mfg. Co. ("Dart"), 136 Clifford, Providence, R. I.
See adv index at end of book

Eclipse Fuel Engineering Co. ("Eclipse"), 100 Forbes, Rockford, Ill.

Francis Chas. E. Co., Rushville, Ind.

GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book

Grammes L. F. & Sons, Allentown, Pa.

Hickok W. O. Mfg. Co. (Bookbinders'), Harrisburg, Pa.

Koven L. O. & Bro. (Electric & Pot), 154 Ogden av, Jersey City, N. J.

Kraft A. C., 323 W Lake, Chicago, Ill.

Merrill Process Co., 70 Devonshire, Boston, Mass.

NASON MFG. CO. (Steam & Gas), 71 Fulton, New York
See adv index at end of book

Pancoast Henry B. Co. (Steam), 243 E 3d, Phila., Pa.

6031— Heaters (Gas)

See also Stoves & Heaters & Ranges, Gas

Pittsburgh Water Heater Co., Columbia Bk bldg, Pittsburgh, Pa.
 Sowers Mfg. Co., Buffalo, N. Y.
 Stuart & Peterson Co. (Steam), Burlington, N. J.
 Towsley Jno. T. Mfg. Co. (Steam), Cincinnati, O.
 Vulcan Cooper Works (Steam), 120 Sycamore, Cincinnati, O.
 Weatherly Co. (Steam), Grand Rapids, Mich.
WESTINGHOUSE ELECTRIC & MFG. CO. (Electric), East Pittsburgh, Pa.
See adv index at end of book

Heaters (Gravel)

See Sand & Gravel Heaters & Dryers

Heaters (Hot Water)

See Heaters, Steam & Hot Water

6036—Heaters (Incubator & Brooder)

Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
 Treman, King & Co. (Brooders Only), Ithaca, N. Y.

Heaters (Juice)

See Heaters, Sugar Juice

6037—Heaters (Ladle)

Monarch Engng. & Mfg. Co. ("Monarch Bell"), American bldg, Baltimore, Md.
 Tropenas Converter Co., 50 Church, New York

6037a—Heaters (Lamp Chimney)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Excelsior Stove & Mfg. Co., Quincy, Ill.
 Hutchins-Kilbourne Co. (Also Gas Globe), Buffalo, N. Y.
 National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Woods-Sherwood Co. (Wire), Worcester, Mass.
 Wrightville Hardware Co. ("Gem"), Wrightville, Pa.

6038—Heaters (Laundry Water)

Sims Co. ("Sims" Clean Easy, Circulating), 18th & Whitley av, Erie, Pa.

Heaters (Locomotive Tire)

See Furnaces, Tire Heating

6038a—*Heaters (Metering)

Harrison Safety Boiler Works, 3147 N 17th, Phila., Pa.
See adv index at end of book

6038b—*Heaters (Milk)

Burrell D. H. & Co. ("B & W"), Little Falls, N. Y.

Heaters (Oil)

See Stoves & Heaters, Oil

6039—Heaters or Cookers (Meal)

Buckeye Iron & Brass Works, Dayton, O.

6040—Heaters (Orchard)

AMERICAN CAN CO., 120 Broadway, New York. *See adv index at end of book*
 National Enameling & Stamping Co., 411 5th av, New York.
 Riverside Mfg. Co., Riverside, Cal.
 Whitaker-Glessner Co., Wheeling, W Va.

6041—Heaters (Refrigerator Car)

Klauser Mfg. Co., Dubuque, Ia.

6042—Heaters (Sad Iron)

Adams Co. ("Adams"), Dubuque, Ia.
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
 Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
 Fanner Mfg. Co. ("Arctic"), Cleveland, Ohio

Jewett & Company (Lawrence), Buffalo, N. Y.

Kemp C. M. Mfg. Co. ("Climax" Automatic), 405 E Oliver, Baltimore, Md.
 Odin Stove Mfg. Co., Erie, Pa.
 Reliable Stove Co. ("Reliable"), Cleveland, O.

Sager Lock Co., North, Chicago, Ill.
 Sentinel Mfg. Co., New Haven, Conn.
 Waterman Henry & Bro. (Gas), 195 Lewis, New York

Williams A. C. Co., Ravenna, O.

6043—Heaters (Soldering Iron)

American Electrical Heater Co. (Electric), Detroit, Mich.
 American Gas Furnace Co., 24 John, New York

Best W. N., 11 B'way, New York.
 Bickelhaupt Geo. Skylight Works ("G. B."), 722 1th av, New York

Bryant Heater & Mfg. Co. ("Bryant" Gas), 952 E 72d, Cleveland, O.
 Chicago Flexible Shaft Co. ("Stewart" Gas or Oil Blast), 608 N La Salle av, Chicago, Ill.

Crane Wm. M. Co. ("Vulcan" Gas), 16 W 32d, New York

QUADRIGA MFG. & SPECIALTY CO., ("Quadriga"), 213 W Grand av, Chicago, Ill. *See adv index at end of book*

Sentinel Mfg. Co., New Haven, Conn.
 Strong, Carlisle & Hammond Co. ("Frankfort"), 336-344 Frankfort av, N W, Cleveland, O.

Waterman Henry & Bro. (Gas), 195 Lewis, New York

Weiskittel A & Son Co ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.

6044—Heaters (Steam Tube)

Sims & Co. ("Sims"), 18th & Whitley av, Erie, Pa.

6045-6—Heaters (Steam & Hot Water)

Firms that manufacture Hot Water Heaters only are designated thus (Hot Water) between name and address.

See also Heaters, Steam & Hot Water Trade Names; also Heating Contractors, Steam & Hot Water; also Steam Fitters' Supplies

CALIFORNIA.

SAN FRANCISCO—Royal Heating Co., 280 Minna

CONNECTICUT.

HARTFORD—Whitlock Coil Pipe Co. ("American," Hot Water)

NEW HAVEN—Foskett & Bishop Co. ("Bolton G. & J. B. Improved")

National Bending Co. ("National" Hot Water)

NEW LONDON—Hopson & Chapin Mfg. Co. ("Caloric," "Hopson" "Monogram," "Pequot," Hot Water also Sectional)

NEW MILFORD—New Milford Foundry & Machine Co. ("Unique")

NORWALK—Meeker's Union Foundry Corp.

NORWICH—Young John T. Boiler Co. ("Norwich")

PUTNAM—Putnam Foundry & Machine Co. ("Plummer," "Putnam")

ILLINOIS.

CHICAGO—**AMERICAN RADIATOR CO.** ("Ideal," "Vento"), 830 S Michigan av

Clow Jas. B. & Sons, Franklin & Harrison

Ettinger J. M., 70 W Lake

Gorton & Lidgerwood Co. (Self-Feeding), Fisher bldg

Herbert Boiler Co. ("Herbert," "Junior"), 140 Root

Illinois Malleable Iron Co. ("Illinois," "Imico"), 1801 Diversey blvd

See adv index at end of book

International Heater Co. (of Utica, N. Y.), 1933 Wentworth av

Kellogg-Mackay Co. ("K. M. C.," "Klymax"), 403 W 18th

Kewanee Boiler Co., 328 W Washington

Kroeschell Bros. Co. (Steel Plate Greenhouse Boilers), 440 W Erie

Londelius C. A. & Sons Co., 847 W 63rd
 Reynolds B. F. & Co. (Combination Warm Air & Hot Water), 414 N Dearborn

Vapor Car Heating Co. (Hot Water), 1450 Railway ex

Wilks S. Mfg. Co. ("Wilks" Hot Water), 3517 Shields av

GALVA—Galva Heater Co. ("Galva," "Mulford")

Hayes Pump & Planter Co. ("Dack" Hot Water)

GIBSON CITY—Gibson Iron Works

KEWANEE—Kewanee Boiler Co. ("Centur," "Great Northern," "Haxtun," "Kewanee," "Kewanee Fire Box")

Peters Pump Co. ("Gunther's" Hot Water)

ROCKFORD—American Heating & Supply Co.

INDIANA.

EVANSVILLE—Grote F. Mfg. Co. ("Grote" Sectional)

See adv index at end of book

INDIANAPOLIS—Shirley Radiator & Foundry Co. ("Shirley")

KOKOMO—Cole, Howard & Co.

TERRE HAUTE—Prox Frank Co. ("Economic," "Hy Duty Economic," "Radium")

WARSAW—Maish Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co., Central av & Washington

CEDAR RAPIDS—Iowa Radiator Co. ("Iowa")

DES MOINES—McDonnell Boiler & Iron Works ("The Life")

OSKALOOSA—Ideal Mfg. & Supply Co. ("Phelps Ideal," "Smokeless Wonder")

Interstate Mfg. Co. ("Marvel")

Seevers Mfg. Co. ("Iowa," "Seevers")

RED OAK—Kerrihard Co. (Hot Water)

WATERLOO—Waterloo Steam Boiler Works.

MAINE.

PORTLAND—Portland Stove Foundry Co. (Hot Water)

MARYLAND.

BALTIMORE—Greenmount Iron & Mfg. Co., 889 Greenmount av

Sheppard Isaac A. & Co., Eastern av & Chester

Wood W. E. Co., 18 N Howard

HAGERSTOWN—New York Central Iron Works Co., Inc. ("Dunning Club")

MASSACHUSETTS.

BOSTON—Gibby Foundry Co. ("Crescent," "Thayer"), 96 Condor, E B

Gurney Heater Mfg. Co. ("Bright Idea," "Essex," "400 Series," "Gothic," "Gurney," "Jacket," "Lenox," "900 Series"), 188 Franklin

Lord & Burnham Co. (Hot Water), Tremont bldg

Magee Furnace Co. ("Magee"), 38 Union

Pierce, Butler & Pierce Mfg. Co., 63 Federal

Smith & Anthony Co. ("Hub"), 52 Union

Walker & Pratt Mfg. Co. ("Crawford," "Walker"), 31 Union

GARDNER—Royal Steam Heater Co. ("Royal")

LYNN—Dame Melvin A. & Son Co.

Morgan J. F. & Son

Pender R. T.

Reardon Bros. & Co.

Ryan Geo. E.

Thompson & Libby

METHUEN—Sanborn Furnace Co. ("Sanborn")

SPRINGFIELD—Cave Welding & Mfg. Co. ("Weldco")

Demarest Heater Co.

TAUNTON—Dighton Furnace Co. ("Winthrop")

Weir Stove Co.

White-Warner Co.

WATERTOWN—Walker & Pratt Mfg. Co.
 WESTFIELD—SMITH H. B. CO. ("Cottage," "Gold Sectional," "Homestead," "Menlo," "Mercer," "Mills," "Smith")
 WORCESTER—Allen Wm. Sons Co. ("Allen")
 Stewart Boiler Works

MICHIGAN.

DETROIT—Brennan John & Co., 24th & M. C. R. R.
 Detroit Heating & Lighting Co. ("Bolton" Hot Water Heater)
 Smith Peter Heater Co.
 United States Radiator Corp. ("Capitol," "Capitol Winchester," "Mas-cot"), Broadway & Grand River
 GRAND RAPIDS—Rapid Heater Co.
 MONROE—Monroe Foundry & Furnace Co. ("Floral," Steam & Hot Water)

MINNESOTA.

HOPKINS—Moran Boller Co. ("Moran")
 MINNEAPOLIS—Andrews Heating Co. ("Andrews" Steel)
 Roberts-Hamilton Co. ("Robaco," "Storm King"), 413 S 4th
 ST. PAUL—South Park Foundry & Machine Co. (Hot Water), Pioneer bldg

MISSOURI.

KANSAS CITY—Prest Heating & Foundry Co.

NEW JERSEY.

BARTLEY—Bartley R. C. Co. ("Our Favorite")
 Bartley Wm. & Sons ("Acme")
 BRIDGETON—Cox & Sons Co.
 NEWARK—Birdsall W. A. & Co. ("Cripps," "Prudential"), 44 Mechanic (Works: Collegeville, Pa.),
 Drake W. H. Co. ("Gem Torrid," "Giant Torrid," "Royal Torrid," "Torrid"), 36 Clinton
 Thatcher Furnace Co., 36 St. Francis
 NEW BRUNSWICK—Prospect Boiler Co.
 PATERSON—Columbia Heater Co. ("Columbia," "Hennings")

NEW YORK.

ALBANY—Bates Edw. P. (of Syracuse, N. Y.)
 Hunter James, Heating & Contracting Co. ("Hunters")
 BUFFALO—Case W. A. & Sons Mfg. Co. ("Buffalo," "Supreme")
 Stewart Heater Co. (Exhaust or Live Steam)
 GENEVA—Catchpole Boiler Foundry & Machine Co. ("Catchpole")
 Vance J. R. ("Columbia," "Vance")
 HOOSICK FALLS—Dorr C. M. Co.
 IRVINGTON—Lord & Burnham Co. (Hot Water)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Roys Steam Co., 913 Gates av
 Scollay Jno. A. (Est. of) ("Invincible," "Scollay"), 74 Myrtle av

Boroughs of Manhattan and Bronx.

NEW YORK—Baker, Smith & Co. ("Baker, Smith & Co's"), 576 Greenwich
 Boynton Furnace Co. ("Admiral," "Boynton," "Patriot"), 106 W 37th
 GODFREY-KEELER CO., 70 Warren
See adv index at end of book
 Gorton & Lidgerwood Co. (Self-Feeding), 96 Liberty
 Graff Furnace Co., 105 E 29th
 GRISCOM-RUSSELL CO. ("Goubert," "Massillon," "Reilly," "Russell"), 92 West
See adv index at end of book
 Hitchings & Co. (Hot Water), 1170 Broadway
 Hudson Boiler Mfg. Co. ("Hudson"), 359 W 42d
 Lord & Burnham Co. ("Burnham" Hot Water), 30 E 42d

Mackay Mfg. Co. ("Manhattan") 234 Water
 Molby Boiler Co., 101 Park av
 NASON MFG. CO., 71 Fulton
See adv index at end of book

Page Wm. H. Boiler Co. ("Monarch," "Page Sectional," "Volunteer"), 141 W 36th
 Phelps Bros. Co. ("Phelps," "Remington"), 25 Cliff

PIERCE BUTLER & PIERCE MFG. CORP. ("American," "Giant," "Improved Giant," "Modern," "Pebco," "Pierce Down Draft," "Spence," "Touraine"), 437 E 162nd
 Richardson & Boynton Co. ("Richardson," "Perfect"), 31 W 31st
 Richmond Radiator Co. ("Richmond"), 1480 Broadway
 Rutzler Enoch Co. ("Nonpareil"), 404 E 49th
 Surrall Down Draft Boiler Co. ("Surrall"), 101 Park av
 Thatcher Furnace Co. ("Champion," "Geyser," "Higrade," "Lender," "Progress"), 135 W 35th

(End of New York City)

NORTH TONAWANDA—Niagara Radiator & Boiler Co. (Cast Iron Boilers)

OLEAN—Luther Mfg. Co. ("International")

ORWELL—Olmstead A. E.
 PORT CHESTER—Abendroth Bros. ("York" and "Gem")

ROCHESTER—Electric Boller Co. ("Electric," Hot Water)

Sloan Samuel & Co. ("X-Ray" & "Sanco" Boilers), 67 Exchange

SYRACUSE—Bates Edw. P. ("Bates")
 Syracuse Heater Co. ("Syracuse")

TROY—Aird-Don Co. ("Trojan")
 Fuller & Warren Co. (Hot Water Only)

UTICA—Giblin & Co. ("Standard," "Little Giant")

Hart & Crouse Co. ("Royal")
 International Heater Co. ("International Economy," "Prince," "Int. Sultan," "Empress")

Utica Heater Co. ("Auburn," "Imperial," "Superior")

OHIO.

AKRON—Prudential Heating Co.
 XXth Century Heating & Ventilating Co. ("XXth Century")

CANTON—McLain J. H. Co. ("Annapolis," "Blast," "Harvard," "Ohio," "Princeton," "Purdue," "Rugby," "Tubular," "Vassar," "West Point," "Yale")

CINCINNATI—Hammond Heating Co., 130 E Pearl

U. S. Heating & Plumbing Co. ("Duplex Crown"), 744 W Court

Williamson Foundry Co. ("Williamson" Underfeed Boilers), Marburg av, Oakley

CLEVELAND—Cleveland Metal Products Co. ("New Perfection")

Connelly D. Boiler Co.

Mouat-Squires Co. (Hot Water), 1246 W 4th

National Heater Co. ("National")

Scientific Heater Co. (Gas for Fuel), Whitney Power blk

DAYTON—Brownell Co. ("Quickset")

Concord Mfg. Co. ("Delta")

Craig-Reynolds Foundry Co. ("Triumph Series")

MARTINS FERRY—Stanton Heater Co.

TOLEDO—National Supply Co.

PENNSYLVANIA.

COATESVILLE—Coatesville Boiler Works ("Zenith")

COLLEGEVILLE—Freed Heater Co. ("Charmer," "Freed," "Milton," "Roberts")

ERIE—Sims Co. ("Sims" Hot Water Generators), 18th & Whitley av

HANOVER—Davison Heating & Const. Co.

HUNTINGTON—Atlantic Radiator Co.

JOHNSTOWN—National Radiator Co. ("Novus")

LANCASTER—Monitor Bi-Loop Radiator Co. ("Monitor")

LANSDALE—Heebner & Sons ("Lansdale")

NEW CASTLE—Federal Radiator Co. ("Rival," "Nico")

NORRISTOWN—Gibbons, N. I.

OIL CITY—Oil City Boiler Works ("Oil City," Steam & Hot Water Boilers)

PHILADELPHIA—Cox-Abram Stove Co., American & Dauphin

Earley Wm. ("Earley," Portable Hot Water & Air & Hot Water & Steam), 1216 Ridge av

Freed Heater Co., Bourse bldg

Kane Wm. Mfg. Co., 1909 Adams

Mereshon Patent Shaking Grate Works, ("Mereshon"), 147 N 3d

Reeves S. V. ("Victor" & "Home Victor" Water), 45 N 2d

Sheppard Isaac A. Co., ("Paragon," "Excelsior"), Erie av & Sepviva

Wood Jas. P. Heating Co., 239 N 4th

PITTSBURGH—Albrecht Francis J. (Bakers)

American Radiator Co. ("Ideal"), 300 Wood

Munroe R. & Sons Mfg. Corp., 23rd & Smallman

Peerless Heater Co. ("Peerless"), 7 Wood

Peerless Water Co. ("Peerless"), 7 Wood

Pittsburgh Water Heater Co. ("Economy," "Junior," "Lion," "Pitt-coal," "Pittsburgh"), Columbia Bank bldg

Pressed Metal Radiator Co. ("Presto"),

Rud Mfg. Co. (Hot Water), 428 Penn av

POTTSTOWN—Sotter Bros. ("Sotter's")

READING—Reading Scale & Machine Co. ("Imperial Sunshine," "Majestic Sunshine," "Monarch Sunshine," "Vassar")

SCRANTON—Spencer Heater Co. ("Spencer")

TATAMY—Messinger Mfg. Co. ("Imperial")

TYRONE—Burley Heater Co Co ("Burley")

WILLIAMSPORT—Keeler E. Co.
 Williamsport Radiator Co. ("Craig")

RHODE ISLAND.

PROVIDENCE—Allen Fire Dep't Supply Co. ("Pentecost"), 159 Aborn

Barstow Stove Co. ("Bay State" Hot Water), 116 Point

TENNESSEE.

CHATTANOOGA—Casey-Hedges Co. (Low Pressure Boilers)

VERMONT.

NORTH BENNINGTON—Simmons H. C.

WASHINGTON.

SEATTLE—Nat'l Engng. & Equipment Co.

WEST VIRGINIA.

CHARLESTON—Kanawha Mfg. Co. ("Bernhard" Water Tube)

WISCONSIN.

MILWAUKEE—Fuller-Warren Co. ("F. W. Co."), 32d, cor Wright

Mueller L. J. Furnace Co. ("Mueller")

Schwab R. J. & Sons Co. ("Gilt Edge"), 283 Clinton

RACINE—Davis O. C. ("Davis")

SHEBOYGAN—Optenberg Iron Works

6047—Heaters (Sterilizing, Electric)

Electro Dental Mfg. Co., 33d & Arch, Phila., Pa.

Hospital Supply Co., 53 5th av, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

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6048—Heaters (Sugar Juice)

Blymyer Iron Works Co., Cincinnati, O.

Coldwell-Wilcox Co., Newburgh, N. Y.

Cresson-Morris Co., Allegheny & 8th, Phila., Pa.

Deeley Robt. & Co., 29 B'way, New York
 Deming Apparatus Co., 30 Church, New York
 Fogarty James H., 126 Liberty, New York
 Hauptman & Loeb Co., Ltd., 717 Magazine, New Orleans, La.
 Joubert & Goslin Mach. & Foundry Co., Birmingham, Ala.
 Kilby Mfg. Co., Cleveland, O.
 Murphy John H., 643 Magazine, New Orleans, La.
 Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
 Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.
 Squier Geo. L. Mfg. Co., Buffalo, N. Y.
 Stearns-Roger Mfg. Co., Denver, Colo.
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
TURL IRON & CAR CO., INC., THE, 50 Broad, New York. Works: Newburgh, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
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6049—Heaters (Surface)

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.

6050—Heaters (Tank, Stock, Etc.)

Bryan Plow Co., Bryan, O.
 Bryant Heater & Mfg. Co. ("Bryant," Gas for Steam Coil, Heated Tanks), 952 E 72nd, Cleveland, O.
 Bushnell Tank Works (Water), Bushnell, Ill.
 Butler Co. ("Hayward," "Hot Stuff," "Klondike," "Twentieth Century"), Butler, Ind.
 Butler Mfg. Co. ("B. M. C.," "New Era"), Kansas City, Mo.
 Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.
 Cedar Rapids Pump Co. ("Acme"), Cedar Rapids, Ia.
 Celina Mfg. Co. ("Monarch"), Celina, O.
 Challenge Co. ("Favorite," "Challenge"), Batavia, Ill.
 Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
 Columbian Steel Tank Co., Kansas City, Mo.
 Cone R. D. Co., Winona, Minn.
 Dempster Mill Mfg. Co. ("Beatrice"), Beatrice, Neb.
 Drew Carrier Co. ("Grub"), Waterloo, Wis.
 Duplex Mfg. Co. ("Badger," "Superior," "Duplex"), Superior, Wis.
 Federal Radiator Co. ("Stark"), New Castle, Pa.
 Fetzer Co. ("Fetzer," "McSherry"), Springfield, Ill.
 Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.
 Freeland B. F. Sons Co. ("Record," "Star"), Sturgis, Mich.
 Gedge Bros. Iron Roofing Co. (Galvanized Steel), Anderson, Ind.
 Greenville Implement Co., Greenville, Mich.
 Hammond-Homberger Co. ("Niagara" Automatic), Silver Creek, N. Y.
 Hayton Pump Co., Quincy, Ill.
 Heesen Bros. Co. ("Everlasting"), Tecumseh, Mich.
 Heller-Aller Co. ("Napoleon"), Napoleon, O.
 Hunt, Helm, Ferris & Co. ("Star," "Red Hot," "Standard," "Harvard," "Cracker Jack," "Perfection," "Black Jack" & "Iron King"), Harvard, Ill.
 Indiana Tank Heater Co., Argos, Ind.
 James Mfg. Co., Ft. Atkinson, Wis.
 Kelly Foundry & Machine Co. ("King," "K-T," "Everlasting," "Goshen"), Goshen, Ind.
 Kretschmer Mfg. Co. ("Best Ever"), Council Bluffs, Ia.
 National Steel Tank Co., Niles, Mich.
 Nelson Mfg. Co., Deerfield, Wis.
 Northwestern Steel & Iron Works, Eau Claire, Wis.
 Perkins & Wind Mill Co., Mishawaka, Ind.
 Phelps & Bigelow Wind Mill Co. ("IXL"), Kalamazoo, Mich.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
 Positive Supply Co. ("Makestock Waymore" Kerosene), Davenport, Ia.
 Prox Frank Co., Terre Haute, Ind.

Richmond Water Softener Co. ("Weldex"), Richmond, Ind.
 Ross Supply Co. ("Rex"), Greenville, O.
 Sandwich Mfg. Co., Sandwich, Ill.
 Sargent, Osgood & Roundy Co. ("Mudgett"), Randolph, Vt.
 Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.
 Sterling Foundry Co. ("Best"), Sterling, Ill.
 Swift Mfg. Co. (Cast Iron), Waterloo, Ia.
 Trachte Bros. Co., Madison, Wis.
 U. S. Wind Engine & Pump Co. ("Artic"), Batavia, Ill.
 Wills Mfg. Co. ("Cow Boy"), Mendota, Ill.
 Wisconsin Foundry & Machine Co., Madison, Wis.

Heaters (Tar)

See Heaters, Asphalt, Pitch & Tar

6051—Heaters (Tire)

Gogel Mfg. Co., Toledo, O.
 Improved Appliance Co., 455 Kent av, Brooklyn, N. Y.
 Kane & Roach (Gas), Syracuse, N. Y.
 Lourie Mfg. Co. ("Economy"), Springfield, Ill.
 Rochester Tire Heater Co., Rochester, N. Y.
 Williams, White & Co., Moline, Ill.

6052—Heaters (Tuyere Iron)

Gogel Mfg. Co. (Gas, Gasoline or Oil), Toledo, O.

6053—Heaters (Water, Automatic)

See also Heaters, Water, Instantaneous
 Anderson-McCutcheon Co. ("Anderson"), Peekskill, N. Y.
 Beilman W. E. ("Beilman-Seamans"), Buffalo, N. Y.
 Bryant Heater & Mfg. Co. ("Bryant"), 952 E 72nd, Cleveland, O.
 Economy Heater Co. (Gas), 108 S La Salle, Chicago, Ill.
 Gordon A. D. ("Duplex," for Domestic Use), 231 Franklin, Buffalo, N. Y.
 Hammond-Homberger Co. ("Niagara"), Silver Creek, N. Y.
 Hayden & Derby Mfg. Co. ("H. D.," Noiseless for Heating Liquids by Direct Steam), 119 W 40th, New York
 Hoffman Heater Co. ("Hoffman"), Lorain, Ohio
 Hotstream Heater Co. (Cast Iron or Copper Coils), 1385 E 17th, Cleveland, Ohio
 Hoyt Heater Co., Los Angeles, Cal.
 Hoyt Heater Co., Los Angeles, Cal.
 Lovekin Water Heater Co., 39 Laurel, Phila., Pa.
 Pittsburgh Water Heating Co., Columbia Bank bldg, Pittsburgh, Pa.
 Pompeian Mfg. Co. ("Perfection"), E 4th & Prospect, Cleveland, O.
 Solar Heater Co. ("Angelus" Gas), Los Angeles, Cal.
 Therman Appliance Co. ("Madsen"), 420 W 27th New York
 Thomas Automatic Heater Co., Jackson, Mich.
 Worthington Pump & Machy. Corp., 115 B'way, New York

6054—Heaters (Water, Bath or Tank)

See also Heaters, Water, Instantaneous
 Abendroth Bros. ("York," "Little Gem," "York Gem," "Gem," "Hudson"), Port Chester, N. Y.
 Acme Specialty Mfg. Co. ("Acme" Gas), Toledo, O.
AMERICAN RADIATOR CO. ("Ideal" Tank Heater), 820 S Michigan av, Chicago, Ill.
 American Stove Co. ("Jewel," "Reliable" and "Monarch"), St. Louis, Mo., & 179 W Michigan av, Chicago, Ill.
 Augmore Mfg. Co., Sweeney av, Cleveland, O.
 Beilman W. E. ("Beilman-Seamans" Automatic), Buffalo, N. Y.
 Bremen Mfg. Co. (Gas & Gasoline), Bremen, O.
 Bryant Heater & Mfg. Co. ("Bryant," Disc Circulating Gas), 952 E 72nd, Cleveland, O.
 Century Stove & Mfg. Co. ("Century" Gas), Johnstown, Pa.

Clark Geo. M. & Co. ("Jewel"), 179 N Michigan av, Chicago, Ill.
 Cleveland Heater Co. (Rex), W 112th, Cleveland, O.
 Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
 Dayton Supply Co. ("Dayton, Ohio," Instantaneous), Dayton, O.
 Detroit Stove Works ("Paragon" Tank), Detroit, Mich.
 Duluth Corrugating & Roofing Co., Duluth, Minn.
 Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.
 Erie Stove & Mfg. Co. (Gas), Erie, Pa.
 Estate Stove Co. ("Estate"), Hamilton, O.
 Eureka Water Heater Co. ("Eureka," Gas Water Heater), 37 W. Lake, Chicago, Ill.
 Eynon-Evans Mfg. Co. ("Noiseless"), N 15th & Clearfield, Phila., Pa.
 Federal-Huber ("Gugenstrom"), 234 N Halsted, Chicago, Ill.
 Federal Radiator Co., New Castle, Pa.
 Fuller & Warren Co., Troy, N. Y.
 Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
 Haberling Chas. ("Columbian"), Columbus, O.
 Hitchings & Co. (Bath Heaters), 1170 B'way, New York
 Humphrey Co. (Gas, Tank), Kalamazoo, Mich.
 Illinois Malleable Iron Co. ("Illinois" Tank), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*
 International Heater Co., Utica, N. Y.
 Keeley Stove Co. ("Columbian"), Columbia, Pa.
 Kewanee Boiler Co. ("Tabasco"), Kewanee, Ill.
 Knight & Jillion Co. ("Holden," Coal and Gas), Indianapolis, Ind.
 Kronquist August C. ("Maywood"), Maywood, Ill.
 Long Landreth Schneider Co. (Gas), New Brunswick, N. J.
 Lord & Burnham Co. (Bath Heaters), 30 E 42nd, New York
 Lovekin Water Heater Co., 39 Laurel, Phila., Pa.
 Michigan Stove Co. ("Garland"), Detroit, Mich.
 Miller Wm. Range & Furnace Co., 7th & Broadway, Cincinnati, O.
 Monitor Bi-Loop Radiator Co. ("Monitor"), Lancaster, Pa.
 Mott J. L. Iron Works ("Sunray" Tank), 118 5th av, New York
 Odin Stove Mfg. Co. (Gas), Erie, Pa.
 Peerless Heater Co. ("Peerless" Gas or Gasoline), 177 N State, Chicago, Ill.
 Peerless Stove & Range Co. (Gas), Columbus, O.
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d, New York
 Pittsburgh Water Heater Co. ("Pittsburgh," "Bungalow," "Lion"), Columbia Bank bldg., Pittsburgh, Pa.
 Rapid Heater Co. ("Rapid"), Grand Rapids, Mich.
 Reeves S. V. ("Victor" & "Home Victor"), Water, 42 N 2d, Phila., Pa.
 Richmond Radiator Co. ("Richmond"), 1480 B'way, New York
 Schifferle Fredolin ("Gem"), 1206 S Broadway, St. Louis, Mo.
 Schneider & Trenkamp Co., Cleveland, O.
 Solar Heater Co. ("Climax-Solar," "California Solar"), Los Angeles, Cal.
 Taylor Burner & Electroplating Co. (Ltd.) ("Kinykest"), 804 Duquesneway, Pittsburgh, Pa.
 Union Stove Works (Gas "Astor," "Invader"), 70 Beekman, New York
 Vogelgesang Furnace Co. ("Prize Cylinder"), Columbus, O.
 Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.
 Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.
 Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
 Wood Jno. Mfg. Co. ("Daisy" & Electric Weld Combination), Conshohocken, Pa.

6055—Heaters (Water Coil)

Beler Water Heater Co. ("Beler"), 311 Water, Pittsburgh, Pa.
 Hotstream Heater Co. (Cast Iron or Copper Coils), 1385 E 17th, Cleveland, Ohio
 Lawson O. P. ("Lawson"), Homestead, Pa.

Londelius C. A. & Sons Co. (For Concrete), 847 W 63d, Chicago, Ill.
 Michigan Stove Co. ("Garland" Copper Coil), Detroit, Mich., & Chicago, Ill.
 Pittsburgh Water Heater Co. (Copper Coil), Columbia Bank bldg, Pittsburgh, Pa.
 Ruud Mfg. Co. (Gas), 428 Penn av, Pittsburgh, Pa.

6056—Heaters (Water, Electric)

American Electrical Heater Co., Detroit, Mich.
 Bridgeport Electric Mfg. Co. ("Geyser"), Bridgeport, Conn.
CUTLER-HAMMER MFG. CO. (Instantaneous Portable for Buffet, Bar, etc), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*
 Electro Dental Mfg. Co. (Sterilizers & Water Heaters), 33d & Arch, Phila., Pa.
 Feldman Mfg. Co., Times bldg, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
 Grinnell Electric & Heating Co., Grinnell, Ia.
 Loetscher-Ryan Mfg. Co. ("Ideal Heat"), Dubuque, Ia.
 Meier Dental Mfg. Co. ("Standard" Water Bottle Heaters), 3927 Olive, St. Louis, Mo.
 Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

Heaters (Water, Garbage Burning)

See Garbage Burners, Water Heating

6057—Heaters (Water, Instantaneous)

American District Steam Co. ("Adasco" for Heating Water Direct from Steam Lines), North Tonawanda, N. Y.
 American Stove Co. ("Jewel" "National" Gas), St. Louis, Mo.
 Augmore Mfg. Co. (Gasoline), 5047 Sweeny av, Cleveland, O.
 Barlow Co. ("Matchless"), Holyoke, Mass.
 Beauvais Water Heater Co., Springfield, Mass.
 Beler Water Heater Co. ("Belor"), Pittsburgh, Pa.
 Century Stove & Mfg. Co. (Gas), Johnstown, Pa.
 Clark Geo. M. & Co. ("Jewel" Gas), 179 N Michigan av, Chicago, Ill.
 Cleveland Heater Co. ("Rex"), 1905 W 112th, Cleveland, O.
 Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York
 Detroit Stove Works ("Detroit Jewel"), Detroit, Mich.
 Hoffman Heater Co. ("Hoffman" Automatic), Lorain, O.
 Humphrey Co. (Automatic), Kalamazoo, Mich.
 Instantaneous Water Heating Co. ("Acme"), Kalamazoo, Mich.
 Lawson O. P. ("Lawson" Gas & Gasoline), Homestead, Pa.
 Lovekin Water Heater Co. (Gas), 39 Laurel, Philadelphia, Pa.
 McDowell Mfg. Co. ("Gable"), Home Trust bldg, Pittsburgh, Pa.
 Matchless Heater Co. ("Matchless"), Holyoke, Mass.
 Monarch Water Heater Co., 193 Chartis av, Pittsburgh, Pa.
 Mustee Water Heater Co. ("Marvel"), 3409 Superior av, N E, Cleveland, O.
 Parrott Heater Co. (Automatic), 64 West High, Detroit, Mich.
 Phila. Stove & Iron Foundry Co. ("Clover Triumph" Gas), 1631 N 5th, Phila., Pa.
 Pittsburgh Water Heater Co. ("Pittsburgh," "Automatic," "Bungalow," "Lion"), Columbia Bank bldg, Pittsburgh, Pa.
 Reliable Stove Co. (Gas), Cleveland, O.
 Ruud Mfg. Co. ("Ruud" Thermal Automatic Gas), 428 Penn av, Pittsburgh, Pa.
 Schutte & Koerting Co. ("S. & K." for Ships, etc.), 1251 N 12th, Phila., Pa.
 Weld Geo. A. Co., 79 Milk, Boston, Mass.
 Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.
 Wood John Mfg. Co. ("Electric Weld" Gas), Conshohocken, Pa.

6058—Heating Apparatus (Car & Locomotive)

Steam Carriage Boiler Co. (Car Heating, Boilers), Oswego, N. Y.
 Vapor Car Heating Co. ("Vapor System"), 1450 Railway Ex, Chicago, Ill.

6059—Heating Apparatus (Hot Blast)

American Blower Co., 1400 Russell, Detroit, Mich.
 Baker, Smith & Co., 576 Greenwich, New York
 Bayley Mfg. Co. ("Bayley"), Milwaukee, Wis.
 Buffalo Forge Co., Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Fuller-Warren Co., 32nd & Wright, Milwaukee, Wis.
 Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Miller J. K. Co., Seattle, Wash.
 National Blower Works, Milwaukee, Wis.
 New York Blower Co., Archer av & Canal, Chicago, Ill.
 Pacific Blower & Heating Co., 224 5th, San Francisco, Cal.
 Prentice L. H. Co., 330 Sherman, Chicago, Ill.
 St. Louis Blower & Heater Co. (With Blower), 1000 Tyler, St. Louis, Mo.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

6060—Heating Coils (For Steam or Hot Water Heating)

Green Fuel Economizer Co., Matteawan, N. Y.
 N. Y. Blower Co., Archer av & Canal, Chicago, Ill.

6061—Heating Contractors (Steam & Hot Water)

Firms under this heading do Steam & Hot Water Fitting Only

ALABAMA.

MONTGOMERY—Alabama Machinery & Supply Co.

CALIFORNIA.

LOS ANGELES—Cass-Smurr-Damerel Co. Holbrook, Merrill & Stetson, 200 S Central av
 Phillips Heat'g, Ventilating & Mfg. Co.
PASADENA—Nay E. O. & Co.
SAN FRANCISCO—Atlas Heating & Ventilator Co., 72 Freelow
 California Hydraulic Engineering & Supply Co., 70 Fremont
 Cronan's Cornice Works, 718 Natoma
 Holbrook, Merrill & Stetson, 6th & Bluxome
 Mangrum & Otter (Inc.), 561 Mission
 Montague W. W. & Co., 577 Market
 Morgan W. & Co., 540 Brannan
 Pacific Blower & Heating Co., Monadnock bldg
 Royal Heating Co., 280 Minna
 Scott Co., 243 Minna
 Seibert Co., 1433 Divisadero
 Sutton John G. Co., 243 Minna

COLORADO.

DENVER—Bradbury Bros.
 Michael Heating Co., 502 15th
 Pfeiffer C. P., 433 15th
 Reilly C. J., 1176 Gaylord

CONNECTICUT.

BRIDGEPORT—Wellington & Co., 167 Stratford av
HARTFORD—Barrett & Wall, 40 Allyn
 Murray James T. & Sons, 62 Market
NEW HAVEN—Rourke Bros. Co., 834 Grand av
NEW LONDON—Hopson & Chapin Mfg. Co.
NORWICH—Barstow J. P. & Co.
PUTNAM—Putnam Foundry & Machine Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Biggs Heating Co., 917 H, N W
 Butler Chas. J., 737 13th, N W
 Febrey E. J. & Co., Pacific bldg
 Hendley Jas. W., Corcoran bldg
 Higgins Walter, 910 Mass. av, N W
 King H. R., 617 10th, N E
 Pierpont John A., 310 12th, N W
 Rees Cyrus B., 1322 14th, N W
 Stansbury Daniel R., 1304 H, N W
 Zellers & Co., 1333 14th, N W

GEORGIA.

ATLANTA—Atlanta Steam Heating Co.
 Cotton States Belting & Supply Co.
 Englehart Heating Co.
 Smith & Guest
 Warlick Sheet Metal Mfg. Co.
AUGUSTA—Erbelding E. J. Co.
MACON—Central Georgia Plumbing & Heating Co.
SAVANNAH—Savannah Blow Pipe & Exhaust Co.

ILLINOIS.

AURORA—Biever A. W. Plumbing & Heating Co.
 Trauten & Dowell
 Walters T. E. Plumbing & Heating Co.
BELLEVILLE—Karr Supply Co.
CHICAGO—Almirall & Co., 53 W Jackson
 Arcade Steam Heating Co., 126 W Kinzie
 Baker & Smith Co., 408 Wells
 Baldwin J. P., 173 W Wash
 Brady & Co., 129 Curtis
 Brown N. B. & Co., 9 S La Salle
 Chicago Steam Heating Co., 169 N Jefferson
 Conlin Thos. Plumbing & Heating Co., 3978 Cottage Grove av
 Consolidated Engineering Co., 507 W Jackson blvd
 Cook & Chick Co., 20 E Kinzie
 Cragin M. J., 746 E 43d
 Crane M. H. (Est. of), 189 W Madison
 Davis Construction Co., 175 N Dearborn
 Deppmann A. & Co., 5334 B'way
 Devlin Harry J., 218 E 43d
 Dilzer Fred., 58 Kinzie
 Douglass Thos. J. & Co., 160 N Dearborn
 Dubsy J. F., 1506 S Springfield av
 Dunbar J. J. & Co., 415 Milwaukee
 Gallaher & Speck, 215 W Congress
 Gordon Plumbing & Heating Co., 311 E 47th
 Graves Heating Co., 207 N Jefferson
 Henning Bros., 3924 Indiana av
 Henrich Geo. A., 5650 B'way
 Herlihy J. J., 751 W Van Buren
 Hess Warming & Ventilating Co., 1211 S Western av
 Ideal Heating Co., 6312 Wentworth av
 Kehm Bros. Co., 15 W Kinzie
 Kehm Jno. R. Co., 8 E Austin
 Kellogg-Mackay Co., 403 W 18th
 Kenwood Heating Co., 4825 St. Lawrence
 Kersten S., 554 W Jackson blvd
 Kirk Geo. H., 6711 Wentworth av
 Kroeschell Bros. Co., 460 W Erie
 Lamb F. W. Co., 24 E Kinzie
 Lees Wm., 548 W Washington
 Lybrink Chas. & Co., 37 W Vanburen
 Mellish-Hayward Co., 213 W Austin av
 Narowetz Heating & Ventg. Co., 225 W Lake
 National Steam Heating Co., 1130 N Clark
 Nilson Bros., 3222 N Halsted
 Olsen Peter S. & Co., 154 W Randolph
 Olson J. H., 4012 S State
 Patrick Robt. Plumbing Co., 3231 Cottage Grove av
 Pearce W. H. & Co., 333 S Dearborn
 Peckham Harry, Jr., 209 Milwaukee
 Phillips-Getschow Co., 130 W Kinzie
 Pittsburgh Piping & Equipment Co., 122 S Michigan av
 Pope Wm. A., 26 N Jefferson
 Powers Bros. & Co., 1034 E 43d
 Prentice L. H. Co., 330 Sherman
 Reger H. P. & Co., 5512 Lake Park av
 Rigby Ben, 545 W Lake
 Schweitzer C. & R., 849 Center
 Serson Hardware Co., 109 31st

Smith James M., 6346 Stony Island av
Sullivan William Co., 34 W Austin av
Walsh W. J. & Co., 163 W Illinois
Webster Warren & Co. (Webster's
System), 53 W Jackson blvd
GALESBURG—Murphy Bros.
JOLIET—Meers R.
MOLINE—Moline Heating & Construction
Co.
OTTAWA—Clegg Jno. W. & John
PEORIA—Johnson Chas., Hardware Co.
QUINCY—Best E., Plumbing, Heating &
Supply Co.
ROCKFORD—America Heating & Supply
Co.
ROCK ISLAND—Channon & Dufva

INDIANA.

EVANSVILLE—O'Donnell Steam Heating
Co.
GOSHEN—Sheridan Green & Co.
GREENCASTLE—Greencastle Foundry &
Machine Co.
INDIANAPOLIS—Johnson W. H. & Son
Co., 330 E St. Joe
Kruse & Dewenter, 427 E Washington
LAFAYETTE—Werkhoff Abner E.
MUNCIE—Gallivan Jerry A.
TERRE HAUTE—Prox & Burget Co.
WABASH—Hipskind Heating & Plumbing
Co.

IOWA.

DES MOINES—Campbell Heating Co.
WATERLOO—Ideal Epworth Acetylene Co.

KENTUCKY.

LOUISVILLE—Clegg F. A. & Co.
NEWPORT—Fennell George H. & Co.
OWENSBORO—Guenther Hardware Co.

LOUISIANA.

MONROE—Sanders John G.
NEW ORLEANS—Gibbens-Finney-Gordon
Co., 213 Canal
Hauptman & Loeb Co (Ltd), 717 Mag-
azine
Murphy Jno. H., 643 Magazine
Payne & Joubert Machine & Foundry
Co., Howard & Euphrosine
SHREVEPORT—Bain H. H. Sheet Metal
Works, 818 Reynolds
Hoke Plumbing & Heating Co.

MAINE.

PORTLAND—Fels Arthur B.
Moulton A. H.

MARYLAND.

BALTIMORE—Adams N. W. & Sons, No
Calhoun
Andrae & Co., 30 Light
Cahill W. S. Co., ft of Webster
Calvert Stove & Heating Co., 512 S
Chester
Crook H. E. Co., Inc., 28 Light
Dobson R. P. & Co., Paca & Saratoga
Enterprise Steam & Hot Water Heat-
ing Co., 600 N Howard
Grosup Co., St. Paul & 26th
Heer Bros., 218 W. Fayette
Heubeck Geo. F., Jr., 128 N Fremont
av
Hill Walter E. & Co., 203 N Liberty
King Chas. T. & Co., 523 N Charles
Kries Henry A. & Sons Co., 8 W Lom-
bard
Riggs, Distler & Stringer, 25 Light
Stebbins Wallace & Sons, 100 S
Charles
Way S. Harry, 12 Clay
Zies Chas. & Sons, 320 S Fremont av
FREDERICK—Fox H. K. C.
HAGERSTOWN—Hagerstown Heating Co.

MASSACHUSETTS.

BOSTON—Anthony Frank P., 36 N Centre
Barney Ventilating Fan Works (A.
B. Franklin, Prop.), 147 Pearl
Bay State Heating & Sprinkler, Co.,
49 Haverhill
Bradlee & Chatman Co., 54 Canal
Braman, Dow & Co., 239 Causeway
Cleghorn Co., 54 Batterymarch
Coffin Isaac Co., 52 Sudbury
Dodge Edwin L., 8 Friend

Dwyer James P. Co., 31 Albany
Felton-Turner Heating Co., 34 Warren
Foster Heating Co., 15 Palmer, Rox
Gallison W. H. Co. (High Pressure),
399 Atlantic av
Greene Bros., 417 Hanover
Hertig Furnace Co., 1342 Columbus
av
Ingalls & Kendrick, 47 Bowker
Johnson Z. T., 3 India sq
Lovering Robert H., 37 Savin, Rox.
Lumsden & Van Stone Co., 69 High
Lynch & Woodward, 26 Beach
McLean & Cousins Co., 204 Purchase
Merrill Adam H., 8 Friend
Merrill Co. (High Pressure Piping),
19 Pearl

Montgomery F. W., 29 Purchase
Paul Andrew G. Co., 131 State
Pierce & Cox, 143 Kingston
Rice F. I. & Bennett, 74 Portland
Richardson & Clement, 20 Union
Ross Walter B., 263 Summer
Shearman Heating Co., 18 Union
Smith & Anthony Co., 52 Union
Walworth-English-Flett Co., 100 Pearl
Webster, Warren & Co., 24 Milk
Whitten Horace E., 13 Merchants row
Woodward Frank E. & Co., 19 Friend

FAIRHAVEN—Fairhaven Iron Foundry
Co.

FALL RIVER—Fall River Steam & Gas
Pipe Corp.

Kelley Edward
FITCHBURG—Brownell-Mason Co.
Jennison Co. (Large)
Parks G. M. Co. (Large)
Whooley D. J. & Co.

GLOUCESTER—Stoddart A. P. & Co.
LAWRENCE—Bride, Grimes & Co.
LOWELL—Middlesex Machine Co.
NEW BEDFORD—Babbitt Steam Specialty
Co.

New Bedford Boiler & Machine Co.
SALEM—Patten Paul B. Co.
SPRINGFIELD—Clapp Z. C.
Estabrook George R.
McCleane George H. Co.
Morris T. J.
Oliver & Howland Co.

WYCKOFF & LLOYD CO., 19 Worth-
ington
WORCESTER—Brunelle & Despard
Burlingame A. Co.
Callahan J. W. & Son
Central Supply Co.
Hawes Edwin, 726 Main
Henderson P. J., 171 Foster
Holmes M. D. & Son, Salem sq
Houghton F. O.

MICHIGAN.

ALPENA—Eddy Engineering Co.
BAY CITY—Jennison Hardware Co.
DETROIT—Detroit Heating & Lighting
Co.
Dodson & Card Co., 699 Howard
Simonds Heating & Specialty Co., 90
Park pl
Turner W. C., 441 Hubbard av
Vinton Co.
GRAND RAPIDS—Leitelt Adolph Iron
Works
Macaulay Bros.
Weatherly Co.
SAGINAW—Eureka Heating & Ventilat-
ing Co.

MINNESOTA.

DULUTH—American Heating Co.
FERGUS FALLS—Fergus Iron Works Co.
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Andrews Heating Co., 203
Hennepin av
Gray W. I. & Co., 704 S 5th
Hamilton W. C. T., 2721 Pleasant av
Hasey Heating Co., 503 4th av S
Knights W. R., 1224 E Lake
Quam H. J., 1709 E Lake
Roberts-Hamilton Co., 413 S 4th
Saxton Heating Co., 405 6th av, S
Schupp Wm. & Co., 616 S 3d av
Smith System Heating Co., 821 Wash-
ington av S E
Tunstead Heating Co., 1019 6th av, S
ST. PAUL—Roberts John D., Gilfillan blk
Sparr E. E.
Western Machine Mfg. Co., 443 Rosa-
bel
WINONA—Winona Heating & Ventilating
Co.

MISSOURI.

KANSAS CITY—Kansas City Heating Co.,
15th & Grand av
Lewis & Davis, 412 E 31st
Martin H. L., 1411 E 14th
Mueller A. B. Heating Co., Massachu-
setts bldg
Prest Heating & Foundry Co.
ST. LOUIS—Ambler Edwin P., 2822 La
Salle
Bradley Heating Co., 3834 Olive
Brockman J. R. Mfg. Co., 617 N 2nd
Brown Heating Co., 5972 Easton av
Cozzens Heating & Const. Co., 1201 N.
Vandeventer
Elliott & Barry Eng. Co., Missouri
Trust bldg
Hanley-Casey Co., 1607 Olive
Hayes John, 806 N 14th
Haynes-Langenberg Mfg. Co., 4045
Forest Park blvd
Maloney Wm., 4632 Olive
Materne John R. Mfg. Co., 8th & Gra-
tiet
Modern Heating Co., 3935 Olive
Moynihan C. S., 1814 N Grand av
National Heating Co., 2050 Geyser av
O'Mara Heating Co., Victoria bldg
Peters-Eichler Heating Co., 1516 Pine
St. Louis Blower & Heater Co., 1000
Tyler
Sodemann Heat & Power Co., 1512
Clark av
Stockhoff Supply Co., 107 N Main
Tipton & Mackey Mfg. Co., 4948 Eas-
ton av
Urbauer-Atwood Heating Co., 115 S
11th

NEW HAMPSHIRE.

KEENE—Hubbard H. W.

NEW JERSEY.

BARTLEY—Bartley Wm. & Sons
BELLEVILLE—Jacobsen W. H.
BURLINGTON—Lawrence Eli, Jr.
CAMDEN—Camden Heating Co.
Lounsberry H. C.
Webster Warren & Co.
HARRISON—Cooney John H.
JERSEY CITY—Barclay W. A., Jr., 314
Pacific av
Finnegan Thos. J.
Lutton Wm. H. Co., West Side av
MADISON—Force Chas. C. & Son
NEWARK—Cryer T. B. Co., 249 High
Denny Bros. Co., 234 Lincoln av
Reid Jno. L., 356 Mulberry
Smith & Reilly, 411 New
Wolf Wm. D. & Co., 108 S 13th
NEWTON—Watkins Chas. H.
PATERSON—Gurney Wm. H.
TOWN OF UNION—Manahan Bros
Heating Co. (Heating)
TRENTON—Katzbach F. S. & Co.

NEW YORK.

ALBANY—Bates E. P.
Hunter-Jas. Heating & Contracting Co.
Tyler Fred A.
Warren James D.
BINGHAMTON—Gaylord & Eltapenc Co.
Lewis Mirt E.
Runyon & Ogden Co.
Shapley & Wells
BROOKLYN—(See New York City, Bor-
ough of Brooklyn)
BUFFALO—Burgmaster Daniel, 70 Del av
Danforth Jno. W. Co. (Large), 70
Ellicott
Frontier Plumbing & Heating Co., 353
Ellicott
Herlan Geo. J., 132 Northampton
Knepper Jno. H. & Son, 501 Wash'n
Ruckel J. H. & Son, 81 Main
Smith Jno. D. Co., 12 B'way
Tallmage M. F., 80 Seneca
Waterman Waterbury Co., Root bldg
CHARLOTTE—Whitman R.
HOOSICK FALLS—Dorr C. M. Co.
JAMESTOWN—Chatfield & Sharp
KINGSTON—Wieber & Walter
LOCKPORT—Davenport, Mart & Co.
MATTEAWAN—Green Fuel Economizer
Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Apel Gustav E., 575 4th av
Bedford Heating Co., 1233 Atlantic av
Byrne Frank J., 1429 E 7th
Chapman Hiram W., 331 Vanderbilt
av

Curtin Wm. H. Mfg. Co., 331 Adam
Dayton W. B. & Son, 291 Schermer-
horn
Dayton & Montgomery, 9 Lafayette
Dean & Blake, 668 Fulton
Ficken Wm. H., 232 Robinson
Hinchman E. G. Co., 1263 Atlantic av
Hogle Albert P. Co., 1522 Flatbush av
Humphrey R. T., 210 E 7th
Ideal Heating Co., 915 Gates av
Jacobs Geo. P. & Co., 276 S 9th
Johnson & Co., 1477 Flatbush av
Leach Henry, 1103 Fulton
Moran R. J., 1307 Atlantic av
Morse Dry Dock & Repair Co., ft 56th
Murchison Jno. R., 1101 Flatbush av
Nagel Herman, 450 Bergen
O'Brien Edw. J. & Bro., 284 Rodney
Ostheimer Wm. H., 385 7th av
Phillips Doup & Co., 60 Pearl
Purvis & Shelton, 241 Plymouth
Roys System Co., 915 Gates av
Sanitary Heating Co., 233 37th
Scollay John A., 76 Myrtle av
Wilson Geo. W., 612 Myrtle av

Boroughs of Manhattan and Bronx.

NEW YORK—Abbott's M. Sons, 137 8th
av
Anderson Richard, 277 W 117th
Bailey Wm. R., 96 Warren
Baker, Smith & Co., 576 Greenwich
Belmont Henry, 103 Park av
Boyd Jno. Plumbing, Heating Co., 284
Columbus av
Brower & Co., 1 Abingdon sq
Callahan Michael J., 343 W 52d
Campbell T. Wm., 30 Church
Changer Wm. & Co., 150 Nassau
Child & Scott Co., 112 Wooster
Cornell W. G. & Co., 45 E 17th
Crooke Heating & Ventilating Co., 97
Warren
Cryer Return Line System, 18 E 41st
Dewey Engineering Co., 25 Hancock pl
Dobson Frank, 319 E 53d
Downey Wm. H., 52 William
Downs W. H., 337 W 38th
Eccles John L. Co., 117 Mercer
Ellison & Co., 211 W 126th
Evans, Almirall & Co., 1 Dominick
Francis Bros. & Jellett (Inc.), 31
Madison av
Gent John G., 207 Mutrey av
Gibbons Jno. V., 133 Greenwich
Gillis & Geoghegan, 537 W B'way
Goble Frank N. (Power Plants), 1
E 42d
Graff Furnace Co., 105 E 29th
Greason Mfg. Co., 108 W 99th
Gunset Louis E., 2259 Ryer av
Hankin John & Bro., 550 W 25th
Hanner & Fredericks, 824 Amsterdam
av
Hitchings & Co., 1170 B'way
Hodkinson S. M., 410 W 125th
Johnson F. J. & Co., 4187 Park av
Johnson & Morris, 538 W 23d
Johnston Heating Co., 131 E 26th
Kelsey Heating Co., 103 Park av
Kirk & Bimpson, 441 W 50th
Kroepke W. H., 383 College av
Lane Ira G. Co., 1077 3d av
Lee Heating Co., 3536 B'way
Lord & Burnham Co., Madison av &
42d
Mason Wm. E., 416 E 161st
Mechanical Equipment Co., 206 Centre
Merritt Jas. H. & Co., 244 Water
Miller Henry, 384 E 144th
Mulhern Steam Heating Co., 103 Park
av
Olvany William J., 177 Christopher
Peterson N. F., 147 Morton pl
Quay Engineering Co., 470 4th av
Raisler Heating Co., 129 Amsterdam
av
Ransom Stephen, 401 West
Rice Daniel J., 405 Lexington av
Robertson & Conry, 167½ E 115th
Roddy Jas. (High & Low Pressure),
51 E 9th
Rutzler Enoch Co., 404 E 49th
Schneider Chas. Co., 492 E 163d
Sherwood Lorenzo W., 117 Edge-
combe av
Sinnott Peter, 967 E 165th
Skannel Elbert, 956 Lind av
Smith H. B. Co., 39 E Houston
Smith W. H. Heating Co., 34 W 33d
Thompson-Starrett Co., 49 Wall
Tivy Lawrence, 13 Platt
Walker & Chambers, 222 E 41st St
Wallace Geo. J. Jr., 206 E 57th
Wear Frank M., 206 E 29th
Webster Warren & Co., 71 Murray

Wells & Newton Co., 292 Av B
Williams Roger, 116 W 32d
Williams Roger Heating & Plumbing
Co., 30 Church
Yockel Bros., 962 Washington av

Borough of Queens.

COLLEGE POINT—Reilly Engineering Co.
LONG ISLAND—Petry Jno. W. Co., 87
5th
OZONE PARK—Marasak Chas.

Borough of Richmond.

NEW BRIGHTON—Koehler F. D., 560
Richard ter
PORT RICHMOND—Rauscher Fred'k,
1918 Rich Ter.
(End of New York City)
NORTH TONAWANDA—America District
Steam Co. (Direct & Exhaust
Steam)
SYRACUSE—Bates Edw. P.
Joy Edward Co.
Leavery Frank, 306 E Water
UTICA—Bates Edw. P.
WAVERLY—Denslow Heating Co.
YONKERS—Barr A. B. & Co.
Morris Thos., Jr. (Est. of)
Williams & Cullinan

NORTH DAKOTA.

CASSELTON—Casselton Hardware Co.
FARGO—Craig Bros.

OHIO.

AKRON—Prudential Heating Co.
CHILLICOTHE—Ringwald W. H. & Sons
CINCINNATI—Crane Co. of Chicago (Est.
1855), 824 B'way
Geerin Bros. & Co., 422 E 8th
Hammond Heating Co., 130 E Pearl
Johnston W. T. Co., 3d & Vine
Kearney John & Co., 328 New
Love, Piket & Nulsen Co., 8th &
Broadway
Nichol Thos. J. & Co., Pearl c Ludlow
Niemes Henry, 4112 Hamilton av
Peck, Anderson & Peck Co., Court &
Sycamore
Schlemmer Oliver Co., 1060 Hulbert av
Stewart S. B., 306 Front Bellevue
Vance-Lucke Co., 416 Home
Williamson Heater Co., 339 W 5th
CLEVELAND—American Foundry & Con-
struction Co., Citizens' bldg
American Heating Co., 7034 B'way,
S E
Bartlett Bros. Co., 8506 Lake av,
N. W.
Becker-Seidel Co., 324 Prospect av
Bowman E. R., 3211 Lorain
Chaffer Co., 431 Champlain av, N W
Chappell-Warren Co., 1384 E 6th
Crawford P. R. & Son, Williamson
bldg
Crow & Wynn Heating Co., 4070 E
82d, S E
Cushman Person W., 7516 Decker av,
N E
Holbrook M. G., The Arcade
Mouat-Squires Co., 1246 W 4th
Paul Steam System, Hickox bldg
Pittsburg Piping & Equipment Co.,
American Trust bldg
Price & Walker, 328 Champlain av
Roemer J. Heating Co., 1808 E 22d
Thomason J. & A., 1232 W 11th
Van Sickle W. B., 707 Frankfort av
COLUMBUS—Columbus Heating & Ven-
tilating Co.
Ideal Heating Co., 16 E 1st av
MASSILLON—Justus Plumbing & Heat-
ing Co.
SANDUSKY—Brohl & Appell
TOLEDO—American Warming & Ventilat-
ing Co., 108 Michigan
Bryce Heating & Ventilating Co., The
Spitzer
Burdick L. F. Co., 2011 Adams
Holmes-Landwehr Heating Co.
Shaw-Kendall Engineering Co., Su-
perior & Swan creek

OKLAHOMA.

MUSKOGEE—O'Connor Company
OKLAHOMA—Dolan Thomas Heating Co.
Duemcke Albert

OREGON.

PORTLAND—Kendall Heating Co., 24
Front
McPherson W. G. Co., 19th & Wilson

PENNSYLVANIA.

ALLENTOWN—Hersh & Bros.
Miller J.
Taylor Wm. H. & Co.
BANGOR—Houck W. O.
BLAIRSVILLE—Tittle C. L.
BLUE BALL—Shirk P. E.
CONSHOHOCKEN—Bate Wm. T. & Son
EAST DOWNTOWN—Maxwell J. N.
EASTON—Stotz Bros.
HANOVER—Davison Heating & Cona.
Co.
HARRISBURG—Froehlich Chas M.
HAZLETON—Hazleton Steam Heating Co.
JOHNSTOWN—Ideal Acetylene Co.
Johnstown Supply House
Swank Hardware Co.
LANCASTER—Flinn & Breneman
Gutfleish A. A.
Musselman & Schwarz
Schaum John G.
NORRISTOWN—Boyer J. Frank Co.
PHILADELPHIA—Anderson W. M., 2017
Sansom
Bachler C F., 146 N 10th
Baizley John Iron Works, 514 S Dela-
ware av
Barclay Alex M., 113 N 6th
Barnes Samuel W. & Son, 2104 N 6th
Bowers Bros. & Co. (Heating & Ven-
tilating), 1629 Ludlow
Clark Bros., 1228 Locust
Cuff J. W. & Co., 2027 N 23d
Francis Bros. & Jellett, Real Estate
Trust bldg
Geiger August, 114 N 6th
Germantown Steam Co., 349 W Hort-
ter
Hartman G. W. Heating Co., 12th &
Oxford
McClintock A., 1937 Ridge av
Makin Heating Co., 1827 Filbert
Mershon Patent Shaking Grate
Works, 147 N 3d
Murphy Harry F. & Co., 1615 Sansom
Nichols E. M., 212 W Washington sq
Pancoast-Henry B. Co., 243 S 3d
Pennsylvania Engineering Co., 1119 N
Howard
Phila. Hdw. & Malleable Iron W'ks,
9th & Jefferson
Phila. Steam Heating Co., Juniper &
Cherry
Quigley Jas. J. & Son, 1342 Ridge av
Scott Robt., 1723 Ranstead
Smith John P., 148 N 7th
Taylor Frank W. & Son, 259 S 4th
Thompson Bros., 125 W 5th
Trachsel John C. F., 230 Arch
Wanner Louis Jr., 1723 Ludlow
Webster Warren & Co., Stephen Gir-
ard bldg
West End Heating & Engineering Co.,
4641 Lancaster av
Wood James P. Heating Co., 239 N 4th
PITTSBURGH—Allegheny Heating Co.,
603 Burd
Anderson-Darragh Co. (Ltd.), 3206
Penn av
Baker, Smith & Co., 131 Water
Bartley-Kennedy Co., 224 3d av
Briley C. A., 1003 Forbes
Burns, Fleming & Co., 815 Forbes
Higgins G. F. Co., Wabash bldg
Iron City Heating Co., 843 Jackson
McGinness Co., 320 Liberty
Maginn P. F. & Co., 1025 Forbes
Mellott Furnace Co., 955 Liberty av
Peerless Heater Co., 7 Wood
Pittsburgh Heating Co., 8 Wood
Schaffer John P., 108 Wood
Walker James J., 5422 Vine
POTTSTOWN—Sotter Bros.
POTTSVILLE—Leldich W. H.
READING—Berks Engineering Co.
Keystone Heating Co.
Reading Heater & Supply Co.
Reading Steam Heat & Power Co.
ST. CLAIR—Quirin Jno. & Bro.
SCRANTON—Gaylord & Butler Co.
Gaylord & Eitapence Co. (see Bing-
hamton, N. Y.)
Gunster Bros.
SHAMOKIN—Unger Warren
SOUTH BETHLEHEM—Dietrich H. A. R.
TOWANDA—Humphrey Mfg. Co.
WASHINGTON—Standard Sheet Metal
Mfg. Co.
WEST CHESTER—James Bros.
WILKES-BARRE—Baab Frank
Backus Peter B.
Carpenter B. G. Co.
Turner & Vanscoy Co.
Wyoming Engineering Construction
Co.

WILLIAMSPORT—Keeler E. Co.
Williamsport Steam Co.
YORK—Lindemuth Engineering Co.
Motters Geo. F. Sons
York Engineering Co.
York Heating & Ventilating Co.

RHODE ISLAND.

PROVIDENCE—Allen Fire Dep't Supply Co., 159 Aborn
Allen & Reed, 178 Dorrance
Cox & Stone, 74 Richmond
Fogarty Wm. J., 26 Peck
General Fire Extinguisher Co. (For Circulation)
Heath Wm. G. & Co., 60 Friendship
Putnam Foundry & Machine Co., 73 S Main
Sampson J. A., 10 Summer
Taft Machine Co., 229 Globe

SOUTH CAROLINA.

GREENVILLE—American Machine & Mfg. Co.

TENNESSEE.

CHATTANOOGA—Garnier Joe I.
Wilcox Tom Plumbing & Supply Co.
MEMPHIS—Harstick Heating Co.
Memphis Heating Co.
Pritchard Bros. Co.
Southern Heating Co.
NASHVILLE—Bouchard John & Sons Co.
Nashville Machine Co.

VERMONT.

RUTLAND—Holmes Iron Co.

VIRGINIA.

NORFOLK—King F. E. Co.
Williams M. A.
RICHMOND—Beverly R. C. Heating Co., 9 No 7th
Longworm W. P. & Co., 1 N 7th

WASHINGTON.

ABERDEEN—Elway Miller Co.
Potter F. M.
AUBURN—Ester W. E.
EVERETT—Schweitzer C. R.
NORTH YAKIMA—Reilly Daniel
Rish W. H.
Yakima Valley Heating & Plumbing Co.
Young & Donovan
PROSSER—O'Rourke J. P.
RAYMOND—Baker C. D.
SEATTLE—Allen W. D.
Brown S. E. & Co.
Eckart Plumbing & Heating Co.
Lavan P. J.
Normile Simon
Rautman Plumbing & Heating Co.
West Coast Heating Co.

WEST VIRGINIA.

WHEELING—Kyle R. W. Co.

WISCONSIN.

GREEN BAY—Garot Bros.
MADISON—Mueller Co.
MILWAUKEE—Bayley Heating Supply Co., 131 Sycamore
Bowers W. A. Heating Co., 482 Market
Downey Heating & Supply Co., 613 Clybourn
Fox Chas. J., 1208 Grand av
Groeschel Jacob, 1513 Lloyd
Hoye Thos. E. Heating Co., 509 E Water
Kaufman-Haas Heating Co., 1117 23d
Lade Rudolph, 1730 Galena
Mueller Co., 168 Reed
Netz Edwin A., 463 27th
Pfeifer Mathias Heating Co., 314 18th
Phipps Furnace Co., 90 Oneida
Reich John, 628 Clark
Riemer Louis A., 650 3d
Smith Geo. H. Heating Co., 1109 Dower av
Striebel A. J. & Co., 52 2d
Wegner Bros., 136 Sycamore
Zuehlke Heating Co., 287 4th
SHEBOYGAN—Optenberg Iron Works
SUPERIOR—American Heating Co.
WAUSAU—Wheeler A. B. & Son Co.

6062—Heating Devices (Electric)

CUTLER-HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.
See adv index at end of book

6063—Heating (Green House)

Bates Edw. P., Syracuse, N. Y.
Coldwell-Wilcox Co., Newburgh, N. Y.
Foskett & Bishop Co., New Haven, Conn.
Hitchings & Co., 1170 B'way, New York
Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.
Kroeschell Bros. Co., 440 W Erie, Chicago, Ill.
Lord & Burnham Co., 30 E 42d, New York
Pittsburgh Water Heater Co., Columbia Bk. bldg, Pittsburgh, Pa.
Prentice L. H. Co., 330 Sherman, Chicago, Ill.
Prox Frank Co., Terre Haute, Ind.
Reading Heater & Supply Co., Reading, Pa.
Reynolds James Co., 195 State, Rochester, N. Y.
Scollay John A. (Est. of) (Steam Heating), 74 Myrtle av, Brooklyn, N. Y.

6064—Heating Pads (Electric)

Hotpoint Electric Heating Co. ("El Comfo"), Ontario, Cal.
Johns H. W.-Manville Co. ("J-M Electrotherm"), Madison av & 41st, New York
Shaler C. A. Co., Waupun, Wis.
Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.
Wirt Co., Germantown, Phila., Pa.

6065—Heating (Paul System of Steam)

Fischer-Sweeney Bronze Co., Hoboken, N. J.
Paul Andrew G. Co. ("Andrew G. Paul"), 131 State, Boston, Mass.

6065a—*Heating Systems (Exhaust Steam)

Harrison Safety Boiler Works, 3147 N 17th, Phila., Pa.
See adv index at end of book

6066—Heating Systems (Hot Water, Self-Regulating)

Belknap Mfg. Co., Bridgeport, Conn.
D. & T. Mfg. Co. ("D. & T." System), 1417 Olive, St. Louis, Mo.
Reading Heater & Supply Co. ("Reading"), Reading, Pa.

6067—Heating Systems (Vacuum)

Automatic Vacuum Pump Co. ("Sparks" System), 223 W Erie, Chicago, Ill.
Barney Ventilating Fan Wks. (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.
Bishop-Babcock-Becker Co. ("Reliable," Vacuum Pump), Cleveland, O.
Consolidated Engineering Co. ("Van Auker" System), 507 W Jackson blvd, Chicago, Ill.
Cryer Return Line System Co. (Cryer, "System"), 18 E 41st, New York
Dunham C. A. Co. ("Dunham" Vacuum-Vapor Systems), Marshalltown, Ia.
Eddy Engineering Co. ("Eddy"), Alpena, Mich.
HAINES WILLIAM S. & CO. ("Haines" Automatic), 12th & Buttonwood, Phila., Pa.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Iroquois Engineering Co. ("Sparks" System), 343 S Dearborn, Chicago, Ill.
Kellogg-Mackay Co. (Vapor System "K. M. C."), 403 W 18th, Chicago, Ill.
Moline Vacuum-Vapor Heating Co. ("Moline"), Moline, Ill.
Monash-Younger Co. ("Monash" Thermostatic & Float Return Line Valves), 1407 W Jackson blvd, Chicago, Ill.
Paul Andrew G. Co. ("Paul"), 131 State, Boston, Mass.
Reading Heater & Supply Co., Reading, Pa.
Richardson & Boynton Co. (Vapor Vacuum System), 31 W 31st, New York
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.

Vacuum Heating Co. ("Trane"), Juniper & Cherry, Phila., Pa.
Vapor-Vacuum Heating Co. ("Kriebel" System Vapor Vacuum Heating), 1215 Walnut, Phila., Pa.
Wyckoff & Lloyd Co. (Contractors), 19 Worthington, Springfield, Mass.

6068—Heating Systems (Vapor)

Hutchison Vapor Heating Corp., Woodman bldg, Washington, D. C.
Illinois Engineering Co., 5021 S State, Chicago, Ill.
Moline Vacuum Vapor Heating Co. (Moline System), 122 S Mich, Moline, Ill.
Mouat-Squires Co. ("Mouat"), 1246 W 4th, Cleveland, O.
Reading Heater & Supply Co. ("Reading"), Reading, Pa.
Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.
Trane Co., La Crosse, Wis.
Vapor Heating Co. ("Broomell"), North American bldg, Phila., Pa.
Virginia School Supply Co. ("Old Dominion"), 2000 Marshall, Richmond, Va.

6069—*Heating Tanks (Liquid)

GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.
See adv index at end of book

6070—Heating & Ventilating Engineers (Consulting)

Adams Henry, Calvert bldg, Baltimore, Md.
Barney Ventilating Fan Wks. (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.
Barrus Geo. H., Pemberton bldg, Boston, Mass.
Bartlett Bros. Co., Cleveland, O.
Barwick Thos. Engineering Co., 126 Liberty, New York.
Bierbaum-Dollar, Inc., Buffalo, N. Y.
Campbell & Lewis, Watertown, N. Y.
Clark, MacMullen & Riley, 101 Park av, New York
Cryer T. B. Co., 249 High, Newark, N. J.
D. & T. Mfg. Co., 1417 Olive, St. Louis, Mo.
Danforth John W. Co., 70 Ellicott, Buffalo, N. Y.
Eddy Engineering Co., Alpena, Mich.
Edwards L. T., 18th & 7th, Phila., Pa.
Harman Jacob A., Dime Saving Bk., Peoria, Ill.
Howard & Morse (Ventilation Only), 46 Fulton, New York

Light, Heat, Ventilation and Drying Systems Designed and Corrected

ROB'T. ROSS JONES

Consulting Engineer

Harrisburg, Penna.

Mackay W. M., 234 Water, New York
Monday Chas. E. & Co., 1318 Olive, Phila., Pa.
Neiler Rich & Co., Manhattan bldg, Chicago, Ill.
Pennsylvania Engineering Co., 312 Cherry, Phila., Pa.
Quay Engineering Co., 470 4th av, New York
Serrell & Schenck, 71 Murray, New York
Stebbins W. L., Monadnock blk, Chicago, Ill.
Sutton Frank, 80 B'way, New York
Thompson-Starrett Co., 49 Wall, New York
Trane Co., La Crosse, Wis.
Woodbridge S. Homer, 739 Boylston, Boston, Mass.

Heating & Ventilating Engineers (Contracting)

See Heating Contractors, Steam & Hot Water

6071— Heels (Rubber)

A. & A. Rubber Co., Framingham, Mass.
 Armstrong Rubber Co., 118 Adams, New-
 ark, N. J.
 Atlantic Mfg. Co. ("Rubbestos," "Tread-
 well" "Pep-Step"), Wilmington, Del.
 Atlantic Rubber Co., Linden, Boston,
 Mass.
 Bailey C. J. & Co., ("Wont Slip"), 22
 Boylston, Boston, Mass.
 Boston Woven Hose & Rubber Co. ("Bull
 Dog," "Comfort," "Eclipse," "Ease"),
 Cambridge, Mass.
 Converse Rubber Shoe Co., Malden, Mass.
 Du Pont Rubber Co. ("Badgley"), 110 W
 40th, New York
 Elastic Tip Co. ("Safety Tread"), 370 At-
 lantic av, Boston, Mass.
 Empire Tire & Rubber Corp., East Tren-
 ton, N. J.
See adv index at end of book
 Essex Rubber Co., Trenton, N. J.
 Federal Rubber Co., The, Cudahy, Wis.
 Foster Rubber Co. ("Foster," "Cat's Paw,"
 "Tread-air," "Orthopedic"), 105 Fed-
 eral, Boston, Mass.
 Goodyear Tire & Rubber Co., Akron, O.
 Heimbach Rubber Heel Co., Duluth, Minn.
 I. T. S. Rubber Co., Elyria, O.
 International Distributing Co., Cambridge,
 Mass.
 James Mfg. Co., ("Gyro"), Cleveland, O.
 O'Sullivan Rubber Co., 131 Hudson, New
 York
 Panther Rubber Mfg. Co. ("Panther
 Tread"), Stoughton, Mass.
 Pennsylvania Rubber Co., Jeannette, Pa.
 Plymouth Rubber Co. ("Nerveze"), Can-
 ton, Mass.
 Pneumatic Cushion Rubber Heel Co., 19
 Lincoln, Boston, Mass.
 Quabaug Rubber Co., North Brookfield,
 Mass.
 Revere Rubber Co. ("Spring Step"), 60
 High, Boston, Mass.
 Rubber Products Co., Barberton, O.
 Standard Woven Fabric Co., Walpole,
 Mass.
 Taunton Rubber Co., Taunton, Mass.
 Western Rubber Co., Goshen, Ind.

6072— Heels (Shoe, Wood)

Atlantic Wood Heel Co., 322 Van Buren,
 Brooklyn, N. Y.
 Essex Heel Co., Haverhill, Mass.
 Fox Chas. K. Heel Co., Haverhill, Mass.
 Haverhill Wood Heel Co., Haverhill, Mass.
 Pentucket Wood Heel Co., Haverhill, Mass.
 Ross Heel Co., South Easton, Mass.
 Slipper City Wood Heel Co., Haverhill,
 Mass.

6073— Heliostate

Gaertner Wm. & Co. ("Simplex" Two Mir-
 ror), 5349 Lake Park av, Chicago, Ill.

6074— Helmets (Sand Blasting)

Betton J. M. ("Drucklieb"), 26 Park pl,
 New York
 Chicago Eye Shield Co., 2300 Warren av,
 Chicago, Ill.
 MacLeod Co., 2232 Bogen, Cincinnati, O.
See adv index at end of book
 Multi-Metal Separating Scrn Co. ("Pul-
 mosan"), 68 E 131st, New York
 National Helmet Co., 250 W 54th, New
 York
 Paxson J. W. Co., 1021 No Delaware av,
 Phila., Pa.
 Tilghman-Brooksbank Sand Blast Co.,
 1126 S 11th, Phila., Pa.

6075— Helmets (Smoke & Ammonia)

See Also Respirators

Draeger Oxygen Apparatus Co., 422 1st
 Pittsburgh, Pa.
 Gasco Protector Co., 1103 Nth av, Wan-
 kegan, Ill.
 Hayward S. F. & Co. ("National"), 250
 W 54th, New York
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 National Helmet Co. (Ammonia), 350 W
 54th, New York
 Rex-Harris Fire Appliance Co. (Smoke),
 39 E 19th, New York
 Safety First Supply Co., Hartje bldg,
 Pittsburgh, Pa.
 Servus Rescue Equipment Co. ("Eve-
 ready"), 10 Johnson, Newark, N. J.

6076— Hematine

Innes, Speiden & Co., Inc., 46 Cliff, New
 York. *See adv index at end of book*
 Lewis John D., 8 Exchange pl, Providence,
 R. I.
 National Gum & Mica Co. (Paste, Crystals,
 Powder, 59th & 11th av, New York

6077— Hemp & Jute Importers

MacLeod & Co. (Hemp), 82 Beaver, New
 York.
 Ralli Bros. (Jute), 11 William, New York

6078— Hexamethylenetetramine

Cleveland Cliffs Iron Co., Cleveland, O.
 Merck & Co., 45 Park pl., New York

6079— *High Explosives

See also Dynamite Mfrs.

du Pont E. I. de Nemours & Co. ("Du
 Pont"), Wilmington, Del.
For branch offices see adv index at end of book

6080— Hillers (Celery)

Bucher & Gibbs Plow Co. ("Imperial"),
 Canton, O.
 Empire Plow Co. ("Empire"), Cleveland,
 Ohio
 Mason F. C. & Co. ("Mason"), St. Johns,
 Mich.
 Ohio Cultivator Co. ("Little Giant"),
 Bellevue, O.

6081— Hillers (Potato)

Babcock Mfg. Co., Leonardsville N. Y.
 Conner J. W. & Son, Orangeville, Pa.

6082— Hinge Mfrs.

Under this Heading see Sub-classifications

Aetna Nut Co., Southington, Conn.
 American Foundry & Mfg. Co., 11th &
 Herbert, St. Louis, Mo.
 American Foundry & Mfg. Co., Frederick,
 Md.
 Arcade Mfg. Co. (Brass), Freeport, Ill.
 Art Hardware & Mfg. Co., Seattle, Wash.
 Atlas Metal Parts Co., 998 15th, Mil-
 waukee, Wis.
 Barrows Lock Co., Lockport, Ill.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Chicago Spring Butt Co., 334 Union Park
 ct, Chicago, Ill.
 Coleman Hardware Co. ("Champion" &
 "J. G. C. Spring), 122 S Michigan
 av, Chicago, Ill.
 Columbian Hardware Co., Cleveland, O.
 Corbin P. & F., New Britain, Conn.
 Cowles C. & Co. (Malleable & Brass),
 New Haven, Conn.
 Delaware Marine Mfg. Co., B & O R R
 & Conrd., Wilmington, Del.
 Detroit Shipbuilding Co. (Brass Depart-
 ment), Detroit, Mich.
 Eagle Lock Co. (Brass), Terryville, Conn.
 Force Chas. E. & Son (Wrought Hinges),
 Madison, N. J.
 Frantz Mfg. Co., Sterling, Ill.
 Gibson & Kirk Co., 217 Key Highway,
 Baltimore, Md.
 Grammes L. F. & Sons, Allentown, Pa.
 Hager C. & Sons, Hinge Mfg. Co. (Wrought
 Steel Butts, etc), St. Louis, Mo.
 Keystone Friction Hinge Co. ("20th Cen-
 tury" Friction Hinge), Williamsport,
 Pa.

Kohler F. E. & Co., Canton, O.
 Lanz M. & Sons, 2907 Carson, Pittsburgh,
 Pa.
 Lawrence Bros. (Also Special), Sterling, Ill.
 Lawson Mfg. Co. ("Katz" All Steel Sur-
 face & Jam Spring Hinges, "Match-
 less" Double Acting Floor Spring &
 Pivot Hinge without Spring), 230 W
 Superior, Chicago, Ill.
 Lockwood Mfg. Co., South Norwalk, Conn.
 Lumley & Denly Co., Ashtabula, O.
 McKinney Mfg. Co. (Steel Butts, Strap &
 T), N S, Pittsburgh, Pa.
 Merle Henry J. & Co., 1112 W 22d, Chi-
 cago, Ill.
 National Mfg. Co., Sterling, Ill.
 New England Lock & Hinge Co. (Brass
 Finish & Tin), Winchendon, Mass.
 Niles Mfg. Co. ("Double Acting" Spring),
 216 S Jefferson, Chicago, Ill.
 Norwalk Lock Co., South Norwalk, Conn.
 Parker Chas. Co., Meriden, Conn.
 Parker Supply Co. (For Smoke-Pipes,
 Ducts, etc), 785 E 135th, New York
 Payson Mfg. Co. (Refrigerator), 2918 W
 Jackson blvd, Chicago, Ill.

Penn Hardware Co., Reading, Pa.
 Plume & Atwood Mfg. Co., Waterbury,
 Conn.

Reading Hardware Co., Reading, Pa.
 Reliance Metal Co. (Toilet Seat), Norfolk
 Downs, Quincy, Mass.
 Richards-Wilcox Mfg. Co. (Heavy),
 Aurora, Ill.
 Root Chas. J. Co. (Wrought Brass), Bris-
 tol, Conn.
 Rostand Mfg. Co. (Automobile & Wind-
 shield), Milford, Conn.
 Russell & Erwin Mfg. Co., New Britain,
 Conn.
 Sager Lock Co., No. Chicago, Ill.
 Sargent & Co., New Haven, Conn.
SCOVILL MFG. CO. (Brass), Waterbury,
 Conn. *See adv index at end of book*
 Sharon Hardware Mfg. Co., Sharon, Pa.
 Shelby Spring Hinge Co. (Double Acting
 Floor), Shelby, O.
 Standard Mfg. Co. ("Standard"), Shelby,
 Ohio
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
 Stearns E. C. & Co., 450 Oneida, Syracuse,
 N. Y.
 Stover Mfg. Co., Freeport, Ill.
 Superior Spring Hinge Co., 136 W. Lake,
 Chicago, Ill.
 Taylor & Boggis Foundry Co., Cleveland, O.
 Tiebout W. & J. (Cast Brass), 118 Cham-
 bers, New York
 Van Wagoner Co. (Ball Bearing), Lima, O.
 Western Brass Mfg. Co., 217 Tehama, San
 Francisco, Cal.
 Wilcox, Crittenden & Co. (Galvanized),
 Middletown, Conn.
 Woodruff W. W. & Sons Co. (Carriage
 Door), Mount Carmel, Conn.
 Wrightsville Hardware Co. (Shutter, Blind
 & Gate), Wrightsville, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New
 York

6083— Hinges (Automobile Hood & Lamp)

Bronson Homer D. Co., Beacon Falls, Conn.
 Waterbury Brass Goods Corp., Water-
 bury, Conn.

6084— Hinges (Awning)

U. S. Expansion Bolt Co. (Expansion Bolt,
 Single-Piece, Complete), Duane &
 Elm, New York
 Wilcox, Crittenden & Co., Middletown,
 Conn.

6084a— *Hinges (Back Flap)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084b— *Hinges (Bag & Suit Case)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6084c— *Hinges (Ball-Bearing, Steel Butt)

STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6085— Hinges (Beer Case)

Atlas Metal Parts Co., 998 15th, Mil-
 waukee, Wis.
 20th Century Machinery Co., M. & M. Bank
 bldg, Milwaukee, Wis.

6086— Hinges (Blind & Shutter)

Auer John, Jr. (Wrought), 197 Middle-
 ton, Brooklyn, N. Y.
 Austin & Eddy, 117 Broad, Boston, Mass.
 Enterprise Foundry Co., Rochester, N. Y.
 Enterprise Hardware Mfg. Co., Frederick,
 Md.
 Grey Iron Casting Co. ("Lull & Porter,"
 "Scholl" Reversible Safety), Mt. Joy,
 Pa.
 Lawrence Bros. (Wrought Steel Inside
 Blind), Sterling, Ill.
 McKinney Mfg. Co., N. S., Pittsburgh, Pa.
 Orr, Galen & Co., Needham, Mass.
 Parker, Chas. Co., Meriden, Conn.
 Parker Wire Goods Co. ("Hale" & "Ben-
 jamin" Automatic Blind), Worcester,
 Mass.
 Penn Hardware Co., Reading, Pa.
 Peters Jas. & Son (Wrought Iron Shutter),
 1934 N Front, Phila., Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain,
 Conn.

Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn.
See adv index at end of book
 Stoyer Mfg. Co. ("Ideal"), Freeport, Ill.
 Streeter N. R. & Co. ("Huffer" Spring), Rochester, N. Y.
 Susquehanna Casting Co., Wrightsville, Pa.
 Wrightsville Hardware Co. ("Shepherd's", "Niagara", "Clark's", "Buffalo", "Champion", "Pioneer", "Empire" & Mortise Gravity-Locking Blind Hinges & "O.S.", "Acme" & "Queen City" Shutter Hinges), Wrightsville, Pa.

6087— Hinges (Box)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
 Brainerd Mfg. Co., East Rochester, N. Y.
CARY MFG. CO. (Crate, Box, etc), Nassau & Jay, Brooklyn, N. Y.
See adv index at end of book
 Columbia Hardware Co., Cleveland, O.
 Grammes L. F. & Sons, Allentown, Pa.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
 Ryan M. C. Co. ("Ryan," for Fruit & Egg Boxes & Crates, etc), Phoenix, N. Y.
STANLEY WORKS ("Atwood," Wrought Steel Hinges & Fast), New Britain, Conn. *See adv index at end of book*
 Williams F. B. Co. (Double Joint, for Bot- tler of Boxes, etc), 507 E 39th, Chi- cago, Ill.

6088— Hinges (Box Stall)

Lynn Stall Co., Lynn, Mass.

6089— Hinges (Butt)

Atlas Mfg. Co. ("Bradley" Steel), New Haven, Conn.
 Barrows Lock Co., Lockport, Ill.
 Bommer Bros., 270 Willoughby av, Brook- lyn, N. Y.
 Bayer Gardner-Himes Co., 101 Park av, New York
 Bronson Homer D. Co. (Wrought Brass), Beacon Falls, Conn.
 Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
 Corbin P. & F., New Britain, Conn.
 Dayton Mfg. Co., Dayton, O.
 Dent Hardware Co. (Fast or Loose Joint), Fullerton, Pa.
 Detroit Shipbuilding Co. (Brass Depart- ment), Detroit, Mich.
 Enterprise Hardware Mfg. Co., Frederick, Md.
 Grammes L. F. & Sons, Allentown, Pa.
 Griffin Mfg. Co. (Steel), Erie, Pa.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel & Bronze Metal), St. Louis, Mo.
 Lawrence Bros. (Wrought Steel, Loose Pin, Narrow, Reversible, Surface, etc.), Sterling, Ill.
 Lockwood Mfg. Co., South Norwalk, Conn.
 McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
 National Lock Co. (Brass & Brass Plated Cabinet), Rockford, Ill.
 National Mfg. Co. (Wrought Steel, Orna- mental, Surface, Narrow, Reversible, etc.), Sterling, Ill.
 Norwalk Lock Co., South Norwalk, Conn.
 Penn Hardware Co. (Bronze Cast), Read- ing, Pa.
 Plume & Atwood Mfg. Co. (Brass, Wrought Brass), Waterbury, Conn.
 Racine Metal Stamping Co. ("Racine" Spring), Racine, Wis.
 Reading Hardware Co., Reading, Pa.
 Root C. J. Co. (Wrought Brass), Bris- tol, Conn.
 Russell & Erwin Mfg. Co. (Brass, Bronze, etc.), New Britain, Conn.
 Stager Lock Co., No. Chicago, Ill.
 Sargent & Co., New Haven, Conn.
COVILLE MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*
 Sharon Hardware Mfg. Co. (Wrought Steel Door, Cupboard, etc, Ornament- al Surface, Half-Surface. Also Loose Pin), Sharon, Pa.
 Shelby Spring Hinge Co., Shelby, O.
TANLEY WORKS, New Britain, Conn. *See adv index at end of book*
 Stoyer Mfg. Co., Freeport, Ill.
 Teabout W. & J. (Cast Brass), 118 Cham- bers, New York
 Waterbury Brass Goods Corporation (Brass), Waterbury, Conn.

Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.
 Yale & Towne Mfg. Co. (Brass & Bronze), 9 E 40th, New York

6090—Hinges (Casement Window)

Ellison Brass Mfg. Co., Jamestown, N. Y.
 Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.
STANLEY WORKS ("Eschweilers Pat- ent"), New Britain, Conn.
See adv index at end of book
 Steiner & Voegtly Hdwe. Co. (Geisey's"), 230 Diamond, Pittsburgh, Pa.
 Whitney Window Corp. (Casement Win- dow), 307 S 5th, Minneapolis, Minn.

6091— Hinges (Cellar Door)

Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

6092— Hinges (Chest)

Brainerd Mfg. Co. (Also Cabinet), East Rochester, N. Y.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
 Lawrence Bros. (Wrought Steel), Sterling, Ill.
 McKinney Mfg. Co. (Wrought Steel), N S, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

6093— Hinges (Cigar Box)

Grammes L. F. & Sons, Allentown, Pa.
 Schoenhut A. Co., Sepviva & Adams, Phila., Pa.

6094— Hinges (Closet Seat)

American Brass & Copper Co., 138 La- fayette, New York
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 American Pin Co. ("Ampinco"), Water- bury, Conn.
 Attwood Brass Works, Grand Rapids, Mich.
 Brass Goods Mfg. Co., 533 Union, Brook- lyn, N. Y.
 Burlington Brass Works, Burlington, Wis.
 Campbell J. B. Brass Works, Erie, Pa.
 Chicago Spring Butt Co. (Spring), 334 Union Park ct, Chicago, Ill.
 Columbus Brass Co., 538 Dublin av, Co- lumbus, O.
See adv index at end of book
 Edwardsville Brass Co., Edwardsville, Ill.
 Eichman J. C. Mfg. Co., Bush & Wico- mico, Baltimore, Md.
 Grammes L. F. & Sons, (& Hollow ware), Allentown, Pa.
 Haydenville Co., Haydenville, Mass.
 Kretschmer Mfg. Co., Dubuque, Ia.
 McLane Mfg. Co., Milford, N. H.
 Miller, Chas. A. Co. (Offset, Two & Three Leaf, etc.), Sturgis, Mich.
 Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.
 Mott J. L. Iron Works, 118 5th av, New York
 Pfau Mfg. Co., Mentor & Huston, Nor- wood, Cincinnati, O.
 Pickering R. S., Sharon Hill, Pa.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Reading Hardware Co., Reading, Pa.
 Reliance Metal Co., Norfolk Downs, Mass.
 Sherwood Brass Wks. ("Climax"), De- troit, Mich.
 Springfield Brass Co. (Brass & Nickel), Springfield, O.

STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
 Union Metal Works, Chelsea, Mass.
 Waterbury Mfg. Co. (Brass), Waterbury, Conn.

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chi- cago, Ill.
 Wise J. B., Inc., Watertown, N. Y.

6095— Hinges (Continuous)

Waterbury Brass Goods Corporation, Wa- terbury, Conn.

6096— Hinges (Crate)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

6097—Hinges (Drain Board)

Trenton Brass & Machine Co., Trenton, N. J.

6098— Hinges (End Gate)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
 McKinney Mfg. Co., N S, Pittsburgh, Pa.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

6099—Hinges (Engine House)

Berry Chas. E. ("Berry" Door Hinge for Fire Depts., etc), Somerville, Mass.
 Bommer Bros., 270 Willoughby av, Brook- lyn, N. Y.
 Chicago Spring Butt Co. (Spring), 334 Union Park ct, Chicago, Ill.

6100— Hinges (Extension)

Dent Hardware Co., Fullerton, Pa.

6101— Hinges (Fancy Box)

Grammes L. F. & Sons, Allentown, Pa.

6102—Hinges (Fire Shutter)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

6103-4— Hinges (Floor)

Allith-Prouty Co. ("Prouty" Adjustable Double Acting Ball & Roller Bear- ings, "Squaw"), Danville, Ill.
 Bommer Bros. (Spring Surface, Hori- zontal Compression Type), 270 Wil- loughby av, Brooklyn, N. Y.
 Champion Hardware Co. ("Champion" Ball Bearing), Geneva, O.
 Chicago Spring Butt Co. (Ball Bearing, Double Acting), 334 Union Park ct, Chicago, Ill.
 Corbin P. & F., New Britain, Conn.
 Lawson Mfg. Co. ("Katz," Ball Bearing All Steel Surface Floor Spring), 230 W Superior, Chicago, Ill.
 Racine Metal Stamping Co. ("Racine" Surface Floor Spring & Cup Floor Spring), Racine, Wis.
 Russell & Erwin Mfg. Co. ("Russwin" Double Acting Spring), New Britain, Conn.
 Shelby Spring Hinge Co. ("Shelby Chief" Double Acting Spring, Ball Bearing, etc), Shelby, O.
 Standard Mfg. Co. ("Standard"), Shelby, O.
 Stover Mfg. Co. ("New Ideal" Double Act- ing), Freeport, Ill.
 Superior Spring Hinge Co. ("Superior" Surface Spring), 136 W Lake, Chi- cago, Ill.

6105— *Hinges (Garage)

STANLEY WORKS, New Britain, Conn. *See adv index at end of book*

6106-8— Hinges (Gate)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
 Corbin P. & F., New Britain, Conn.
 Grey Iron Casting Co. ("Clarks" Rever- sible Hinge & Latch, "Donegal," "Self-Closing," All with Latch), Mt. Joy, Pa.
 Griffin Mfg. Co. (End Gate), Erie, Pa.
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Lawrence Bros. (End Gate), Sterling, Ill.
 Parker Chas. Co., Meriden, Conn.
 Penn Hardware Co., Reading, Pa.
 Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
 Reading Hardware Co., Reading, Pa.
 Richards-Wilcox Mfg. Co. (Double Acting, Steel, etc), 3d & Q, Aurora, Ill.
 Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn. *See adv index at end of book*
 Susquehanna Casting Co., Wrightsville, Pa.
 Wolf C. K. (Adjustable), Xenia, O.
 Wrightsville Hardware Co. ("Shepherd's" or "Clark's" Reversible & Self-Clos- ing Hinges & Latches), Wrightsville, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York

6109— Hinges (Invisible)

Braun J. G., 609 S Paulina, Chicago, Ill.
Soss Mfg. Co., 435 Atlantic av, Brooklyn, N. Y.

6110— Hinges (Mirror)

Eagle Lock Co., Terryville, Conn.
Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.

6111— Hinges (Office Gate)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Dent Hardware Co., Fullerton, Pa.
Griffin Mfg. Co., Erie, Pa.
Niles Mfg. Co. ("Niles" Double Acting etc), 216 S Jefferson, Chicago, Ill.

6112— Hinges (Ornamental)

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

6113—Hinges (Piano & Organ)

Bronson Homer D. Co. (Brass), Beacon Falls, Conn.
Oakville Co. ("Oco"), Waterbury, Conn.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book

6114— Hinges (Pivot)

Lawson Mfg. Co. ("Matchless"), 230 W Superior, Chicago, Ill.

6115— Hinges (Plate)

American Ring Co., Waterbury, Conn.
Hager C. & Sons Hinge Mfg Co. (Wrought Steel Japanned), St. Louis, Mo.
Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
STANLEY WORKS (Roller), New Britain, Conn. *See adv index at end of book*

6116— Hinges (Refrigerator)

Arcade Mfg Co., Freeport, Ill.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
Brey & Krause Mfg. Co., Allentown, Pa.
Dent Hardware Co., Fullerton, Pa.
Grammes L. F. & Sons, Allentown, Pa.
Grand Rapids Brass Co., Grand Rapids, Mich.
Greene, Tweed & Co., 109 Duane, New York
Hager C. & Sons Hinge Mfg. Co. (Ornamental Wrought Steel), St. Louis, Mo.
Mound Tool Co. (Malleable Iron & Crucible Steel), 1203 S 7th, St Louis, Mo.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Safe Padlock & Hardware Co., Lancaster, Pa.
Sargent & Co., New Haven, Conn.
STANLEY WORKS (Wrought Steel & Brass Plain & Corrugated & Wrought Steel Ball Bearing), New Britain, Conn.
See adv index at end of book
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.

6117-8—Hinges (Screen Door)

Allith-Prouty Co. (Prouty"), Danville, Ill.
Arcade Mfg. Co. ("A-C" & "Arcade"), Freeport, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Burgess & Norton Mfg. Co. (Ralph's Combination Reversible, for Screen & Storm Doors), Geneva, Ill.
CHAMPION HARDWARE CO. ("Champion," Geneva 600" & "7-11" Loose Pin," "Olympia," "Sampson" & "Buffalo"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Chicago Spring Butt Co. (Spring), 334 Union Park pl, Chicago, Ill.

Columbian Hardware Co. ("Columbian," "Cloverleaf," "Columbia" & "Acorn"), Cleveland, O.
Diehl Novelty Co. ("Diehl"), Glen Beulah, Wis.
Enterprise Hardware Mfg. Co., Frederick, Md.
Grey Iron Casting Co. ("None-Hold Back"), Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Hoffman Hinge & Foundry Co., Hubbard, Porter & Burlington, Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros (Steel), Sterling, Ill.
National Mfg. Co., Sterling, Ill.
Oliver Iron & Steel Co. (All Steel), S 10th & Muriel, Pittsburgh, Pa.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Rock City Mfg. Co. ("Jiffy" Detachable), Wabash, Ind.
Russell & Erwin Mfg. Co., New Britain, Conn.
SCOVILL MFG. CO., Waterbury, Conn.
See adv index at end of book
Sharon Hardware Mfg. Co. (All Steel), Sharon, Pa.
Shelby Spring Hinge Co ("Buckeye," "Shelby" Detachable, Adjustable), Shelby, O.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Van Wagoner Co., Lima, O.
Wagner Mfg. Co. ("Wagner," Screen & Storm Door Butts), Cedar Falls, Ia.

6119—Hinges (Screen Door, Hold-back)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Columbian Hardware Co., Cleveland, O.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.

6120—Hinges (Screw Hook & Eye)

Auer John J. (Wrought), 197 Middleton, Brooklyn, N. Y.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. & Sons, 2907 Carson Pittsburgh, Pa.
McKinney Mfg. Co., N S. Pittsburg, Pa.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6121—Hinges (Screw, Hook & Strap)

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.
Frantz Mfg. Co., Sterling, Ill.
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., N S. Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel), Sterling, Ill.
Sharon Hardware Mfg. Co., Sharon, Pa.

6122—Hinges (Sewing Machine)

Grammes L. F. & Sons, Allentown, Pa.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6123— Hinges (Showcase)

Columbian Hardware Co., Cleveland, O.
Grammes L. F. & Sons, Allentown, Pa.
Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Shelby Spring Hinge Co., Shelby, O.

Hinges (Shutter)

See Hinges, Blind & Shutter

6124—Hinges (Spring, Bank & Office Railing)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book

6125— Hinges (Spring Butt)

Bayer Gardner-Himes Co. ("Awl-in-Wun"), 101 Park av, New York
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co. (Single & Double Acting Triplex, etc), 334 Union Park ct, Chicago, Ill.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Shelby Spring Hinge Co. ("Shelby"), Shelby, O.
Van Wagoner Co. (Ball Bearing, Wrought Steel), Lima, O.

6126—Hinges (Spring, Closet Door)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Edwardsville Brass Co. (Double Acting Spring), Edwardsville, Ill.
Niles Mfg. Co. ("Niles," Double Acting), 216 S Jefferson, Chicago, Ill.

6127—Hinges (Spring Door)

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co. ("Triplex" Spring), 334 Union Park ct, Chicago, Ill.
Cleveland Lock Works ("Hercules"), Cleveland, O.
Columbian Hardware Co. ("Gem"), Cleveland, O.
Evans W. Lewis & Co., Washington, Ind.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
SCOVILL MFG. CO. (BRASS), Waterbury, Conn. *See adv index at end of book*
Shelby Spring Hinge Co., Shelby, O.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Superior Spring Hinge Co. ("Superior" Surface Floor Ball Bearing), 136 W Lake, Chicago, Ill.
Van Wagoner Co. (Ball Bearing), Lima, O.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.

6128—Hinges (Spring, Double Acting)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Barlow Foundry Co. ("Cowell's"), 551 R. R. av, Newark, N. J.
Champion Hardware Co., Geneva, O.
Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.
Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
Dayton Mfg. Co., Dayton, O.
Lawson Mfg. Co. ("Katz" Reinforced Single & Double Acting, Also "Matchless" Double Acting Ball Bearing, Mortise Floor), 230 W Superior, Chicago, Ill.
Merle Henry J. & Co., 1112 W 22d, Chicago, Ill.
Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
Racine Metal Stamping Co. ("Racine"), Racine, Wis.
Shelby Spring Hinge Co., Shelby, O.
Standard Mfg. Co. ("Standard" Checking), Shelby, O.
Stover Mfg. Co. ("New Ideal" Jaw Hinges), Freeport, Ill.
Superior Spring Hinge Co. ("Superior"), 136 W Lake, Chicago, Ill.
Western Brass Mfg. Works (Cast Brass Nickel Plated, etc), Marshall blvd & W 21st, Chicago, Ill.
Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.

6129—Hinges (Spring, Iron Railing Makers')

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.
Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.

6130—Hinges (Spring, Lavatory)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.

See adv index at end of book

Lawson Mfg. Co. ("Matchless" Brass or Bronze, All Finishes), 230 W Superior, Chicago, Ill.

6131-2-3—Hinges (Spring, Marble Work)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.

Columbian Hardware Co. ("Gem"), Cleveland, O.

Columbus Brass Co., 538 Dublin av, Columbus, O.

See adv index at end of book

Edwardsville Brass Co. (Double Acting, etc), Edwardsville, Ill.

Niles Mfg. Co. ("Niles," Single Acting Hinges & Blanks), 216 S Jefferson, Chicago, Ill.

6134-5-6—Hinges (Spring, Safe Makers')

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.

6137—Hinges (Spring, Wrought Brass & Bronze Door)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.

Columbian Hardware Co., Cleveland, O.

6138—Hinges (Spring, Wrought Steel)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.

Columbian Hardware Co., Cleveland, O.

Hager C. & Sons Hinge Mfg. Co., 2427 De Kalb, St. Louis, Mo.

Lawrence Bros., Sterling, Ill.

McKinney Mfg. Co., Allegheny, Pa.

Reading Hardware Co., Reading, Pa.

Van Wagoner Co. (Ball Bearing), Lima, Ohio

6139—Hinges (Stay)

Eagle Lock Co., Terryville, Conn.

Hinges (Storm Window)

See Hangers, Storm Sash & Screen

6140—Hinges (Strap & T)

American Shovel & Stamping Co., Lorain, O.

Atlas Mfg. Co. ("Atlas" Strap), New Haven, Conn.

Cleveland Lock Works ("Hercules"), Cleveland, O.

Grantz Mfg. Co., Sterling, Ill.

Griffin Mfg. Co. (Pressed Steel), Erie, Pa.

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

Hoehler F. E. Co., Canton, O.

Inz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Lawrence Bros. (Steel), Sterling, Ill.

McKinney Mfg. Co. (Wrought Steel), N. S. Pittsburgh, Pa.

National Mfg. Co. (Wrought Steel), Sterling, Ill.

Oliver Iron & Steel Co. (Strap Only), S 10th & Muriel, Pittsburgh, Pa.

STANLEY WORKS (Wrought Steel, Plain & Corrugated), New Britain, Conn.

See adv index at end of book

Patrous Acme Mfg. Co., Des Moines, Ia.

Wilcox, Crittenden & Co., Middletown, Conn.

Zimmerman H. Co. ("Zimmerman's Anti-Sag" Strap), Fremont, O.

6141—Hinges (Surface)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Chicago Spring Butt Co., 334 Union Park ct., Chicago, Ill.

Hager C. & Sons Hinge Mfg. Co. (Ornamental Wrought), St. Louis, Mo.

Lawrence Bros. (Ornamental), Sterling, Ill.

Lawson Mfg. Co. ("Katz," All Steel Floor & Jam Spring), 230 W Superior, Chicago, Ill.

National Mfg. Co. (Ornamental), Sterling, Ill.

Sharon Hardware Mfg. Co. ("Sharon Beauties"), Sharon, Pa.

Shelby Spring Hinge Co., Shelby, O.

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

6142—Hinges (Surface Floor)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

6143—Hinges (Table)

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

Lawrence Bros. (Wrought Steel), Sterling, Ill.

McKinney Mfg. Co. (Wrought Steel), N. S. Pittsburgh, Pa.

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

6143a—*Hinges (Trunk)

STANLEY WORKS (Wrought), New Britain, Conn.

See adv index at end of book

6143b—*Hinges (Wardrobe)

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

6144—Hinges (Wash Tray)

Hager C. & Sons Hinge Mfg. Co., St. Louis, Mo.

Lawrence Bros. (Wrought Steel), Sterling, Ill.

McKinney Mfg. Co. (Wrought Steel), N. S. Pittsburgh, Pa.

STANLEY WORKS (Wrought Steel), New Britain, Conn.

See adv index at end of book

Wilcox, Crittenden & Co., Middletown, Conn.

6144a—*Hinges (Washing Machine)

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

6145—Hinges (Wire)

Pickering R S. (Box), Sharon Hill, Pa.

Reading Hardware Co., Reading, Pa.

Smith F. P. & Co. (Wire Box), Sharon Hill, Pa.

6145a—*Hinges (Wrought Brass, Corrugated)

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

6146—Hinges (Wrought Steel Butt)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.

Grammes L. F. & Sons, Allentown, Pa.

Griffin Mfg. Co., Erie, Pa.

Hager C. T. Sons Hinge Mfg. Co., St. Louis, Mo.

McKinney Mfg. Co., Pittsburgh, Pa.

National Mfg. Co., Sterling, Ill.

Penn Hardware Co., Reading, Pa.

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

6146a—*Hitches (Rope)

MYERS F. E. & BRO., 800 Orange, Ashland, Ohio

See adv index at end of book

6147—Hitchings (Mine Car)

American Chain Co., Bridgeport, Conn.

Channon Jas. H. Mfg. Co. (Chain & Clevis), 227 W Erie, Chicago, Ill.

Harris-Stevens Co., Pittsburgh, Pa.

Irwin Foundry & Mine Car Co., Irwin, Pa.

Macomber & Whyte Rope Co. ("Monarch"), Racine av, Kenosha, Wis.

McKay Jas. Co., Thompson av, Pittsburgh, Pa.

Nicholson & Co., Rankin, Pa.

Niles Mine & Mill Supply Co. (Clevis & Hook), Cleveland, O. & Niles, O.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.

Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Knife & Forge Co. ("Harris"), 709 Belmont, Pittsburgh, Pa.

Pressed Steel Car co., 307 5th av, Pittsburgh, Pa.

Stine S. B., Osceola Mills, Pa.

United Iron Works Co., Springfield, Mo.

Valley Forging Co., Vernon, Pa.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

6148—Hitchings (Screw)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6149—Hobs (Bolt Cutter)

Card S. W Mfg. Co., Mansfield, Mass.

Ellison Bros., Frankford, Philadelphia, Pa.

Putnam Machine Co., Fitchburg, Mass.

6150—Hobs (Die)

Brubaker W. L. & Bros. (Solid), Millersburg, Pa.

Carpenter J. M. Tap & Die Co. (Solid, Open Sellers), Pawtucket, R. I.

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.

See adv index at end of book

Pratt & Whitney Co., Hartford, Ct.

6151—Hobs (Gear)

Barber-Colman Co. (Spline, Shaft & Worm), Rockford, Ill.

Schuchardt & Schutte, 90 West, New York

6152—*Hobs (Long Taper)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.

See adv index at end of book

6153—Hobs (Worm)

Barber-Colman Co. (For Worms & Worm Wheels), Loomis st, Rockford, Ill.

Brown & Sharpe Mfg. Co., Providence, R. I.

Gould & Eberhardt, 111 N. J. R. R. av., Newark, N. J.

National Tool Co. (Also Spur Gear), Cleveland, O.

Pratt & Whitney Co., Hartford, Conn.

Union Twist Drill Co., Athol, Mass.

6154—Hods (Coal)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.

Buffalo Mfg. Co., Buffalo, N. Y.

Central Stamping Co. ("Puritan," "Central" Galvanized & Japanned, etc), 174 Fulton, N. Y.

Crunden-Martin Mfg. Co. (Galvanized & Japanned), 2d & Gratiot, St. Louis, Mo.

Dover Stamping & Mfg. Co., Cambridge, Mass.

Franklin Galvanized Ware Mfg. Co., ("Handy") Franklin, Ind.

GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.

See adv index at end of book

Kreamer A., 307 Kent av, Brooklyn, N. Y.

Lisk Mfg. Co. (Galvanized), Canandaigua, N. Y.

National Enameling & Stamping Co., 411 5th av, New York

New England Enameling Co. (Galvanized Iron), Middletown, Conn.

Pfeifer Jno. & Co. (Ltd.), 222 Race, Philadelphia, Pa.

Republic Metalware Co., The, Buffalo, N. Y.

Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized & Japanned, Also for Railroads), Wheeling, W. Va.

6155-6—Hods (Mortar and Brick)

Anderson W. H. Tool & Supply Co. (Wood), Brush & Macomb, Detroit, Mich.
 Berg John & Bro, 5001 5th av, Chicago, Ill.
 Cheseboro, Whitman Co., 1167 1st av, New York
 Clark W. J. Co., Salem, O.
 Cleveland Wire Spring Co. ("Iron Clad," "Never Drip" & "Hercules" Steel), Cleveland, O.
 Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
 Geauga Mfg. Co., Painesville, O.
 Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.
 Lansing Co., Lansing, Mich.
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Mostberger Iron Co., 878 S Division, Buffalo, N. Y.

Hods (Steel)

See Hods, Mortar & Brick

6157—Hoe Mfrs.

American Axe & Tool Co. (Grub), Glassport, Pa.
 American Fork & Hoe Co. ("Mississippi," "Sandwich Islands," "Texas," "Crescent," "Giant," Boys, Field, Garden, Mortar, Mixer, Ladies' Cultivator, Planters, Onion Weeder, Turnip Weeding, etc), Cleveland, O.
 American Shovel & Stamping Co., Lorain, Ohio
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Collins Co., Collinsville, Conn.
 Cronk & Carrier Mfg. Co. (Weeding & Garden), Elmira, N. Y.
 Empire Plow Co., Cleveland, O.
 Hussey-Binns Shovel Co. (Crucible Cast Steel Scuffle), 223 4th av, Pittsburgh, Pa.
 Hussey Plow Co., North Berwick, Me.
 Iron City Tool Works, Ltd. (Grub, Palmetto, etc), 3201 Smallman, Pittsburgh, Pa.
 Klein-Logan Co. (Grub, Palmetto, etc), 13th & Breed, Pittsburgh, Pa.
 Kohler F. E. Co. (Garden, Field & Weed), Canton, O.
 Mann Jas. H. Co. (Planters), Lewistown, Pa.
 Maynard C. A. (Planters), Northampton, Mass.
 Mobile Hoe & Rake Co., Mobile, Ala.
 North Wayne Tool Co. (The C. C. Brooks), Hallowell, Me.
 Owensboro Shovel & Tool Co. (Goose Neck Cotton, Planter, Garden, Southern Meadow, etc), Owensboro, Ky.
 Parlin & Orendorff Co. ("P & O" Rotary), Canton, Ill.
 Pratt Fork & Hoe Corp. ("Meadow Monarch"), Frankfort, N. Y.
 Sandusky Tool Co. (Planters, Grub, Grape, Tobacco, Rice, Cane, Cotton, Street Cleaning, etc), Sandusky, O.
 Scovil D. & H. ("Scovil" Hoes), Higganum, Conn.
 Smith Jno. C. Hoe & Tool Co. ("Smith" & "Daisy"), Evansville, Ind.
 Syracuse Chilled Plow Co. (Berry & Potato), Syracuse, N. Y.
 Union Fork & Hoe Co. ("Faultless," "Smith's," "Rhode Island," "Kalamazoo," "Louisiana" & "Texas" Field, Cotton, Garden, Mortar Mixing, Planters, Chopper & Shuffle), Columbus, O.
 Union Furnace Mfg. Co. (Malleable Iron), Union Furnace, Pa.
 Wallingford Mfg. Co. (Garden, Cotton, Planters, etc), Wallingford, Vt.
 Warwood Tool Co. (Grub & Hazel), Warwood, Wheeling, W. Va.
See adv index at end of book

6158—Hoes (Asphalt Patching)

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.

6159—Hoes (Cultivator)

American Fork & Hoe Co. (5 Prong), Cleveland, O.
 Cronk & Carrier Mfg. Co. ("Cronk," "Swedish" & "Star"), Elmira, N. Y.
 Norcross C. S. & Sons ("Norcross" 3 & 5 Prong Garden), Bushnell, Ill.

6160—Hoes (Garden, Wheel)

Allen S. L. & Co., Deuckla bldg, Phila., Pa.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Avery B. F. & Sons, Louisville, Ky.
 Bacon Mfg. Co., Pontiac, Mich.
 Bateman Mfg. Co. ("Gem," "Iron Age"), Grenloch, N. J.
 Everts Mfg. Co. ("Improved Meridian"), Meridian, N. Y.
 Hall Mfg. Co., Monticello, Ia.
 Hussey Plow Co., North Berwick, Me.
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), 702 Harvester bldg, Chicago
See adv index at end of book
 Moline Plow Co. ("Empire"), Moline, Ill.
 Moore Plow & Implement Co., Greenville, Mich.
 Niemann & Hieronymus (Rotary), Mt. Olive, Ill.
 Ohio Cultivator Co. ("Climax," "Dexter," "Skaboo"), Bellevue, O.
 Thornburg Mfg. Co. ("Toledo"), Bowling Green, O.

Hoes (Grub)

See Picks, Mattocks & Grub Hoes

6161—Hoes (Horse)

Adams S. & Son, Rome, N. Y.
 Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.
 Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
 Benecia Agricultural Works, Benecia, Cal.
 Empire Plow Co., Cleveland, O.
 Farquhar A. B. Co. (Ltd.), York, Pa.
 Hussey Plow Co. (Potato), N. Berwick, Me.

6162—Hoes (Motor)

Wallingford Mfg. Co., Wallingford, Vt.

6163—Hoes (Onion)

Clark W. J. Co., Salem, O.

6164—Hoes (Scuffle)

Potter Mfg. Co., Geneva, O.
 Union Fork & Hoe Co. (Railroad, Garden, etc), Columbus, O.

6165—Hogs (Saw Mill)

Bartlett A. F. & Co., Saginaw, Mich.
 Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.
 Manistee Iron Works Co., Manistee, Mich.
 Mitts & Merrill, 1939 So Water, Saginaw, Mich.

6166—Hogsheads

American Stave & Cooperage Co., Chelsea, Mass.
 Armer Clarence H. & Bro., Augusta, Ky.
 Baltimore Cooperage Co., The (For Wine Mfrs.), c Hanover & Creek, Baltimore, Md.
 Fridman Lumber Co., New Richmond, O.
 Huntington Hogshead & Specialty Mfg. Co., Huntington, W. Va.
 Mayfield Planing Mills, Mayfield, Ky.
 Ryan John (Estate of), Hoboken, N. J.
 Waller Mfg. Co. (Tobacco), Lexington, Ky.
 Williams S. C. & Co., East Liverpool, O.

Hoists (Air Cylinder)

See Pneumatic Hoists

Hoists (Air Motor)

See Pneumatic Hoists

6167—Hoists (Ash)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
 Ernst, Chas. K., Buffalo, N. Y.
 Insley Mfg. Co. (Automatic Dumping Bucket), 3500 E St. Claire, Indianapolis, Ind.
 Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 New Jersey Foundry & Machine Co., 89 West, New York

NORTHERN ENGINEERING WORKS
(For Power Plants), 9 Chene, Detroit, Mich. *See adv index at end of book*

Robins Conveying Belt Co., 13 Park row, New York *See adv index at end of book*
 Sharp Rotary Ash Receiver Co., Binghamton, N. Y.

SPEIDEL JOHN G. (Cellar), Reading, Pa. *See adv index at end of book*
 Whiting Foundry Equipment Co., Harvey, Ill.

6168—Hoists (Ash Can)

Ernst C. K., Buffalo, N. Y.
 Gillis & Geoghegan ("G. & G."), 537 W B'way, New York

6169—Hoists (Auto, Dump Body Operating)

Hydraulic Hoist Mfg. Co., St. Paul, Minn.
 Lally Commercial Body Co., Everett, Mass.
 Lee Loader Co., 2343 S La Salle, Chicago, Ill.
 Littleford Bros., 444 Pearl, Cincinnati, O.
 Miesel Press Mfg. Co. (Hand), 942 Dorchester av, Boston, Mass.
 Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
 Wood Hydraulic Hoist & Body Co., 1026 Bellevue, Detroit, Mich.
 Wright Thos. Co., 71 Colden, Jersey City, N. J.

6170—Hoists (Beef)

Allbright-Nell Co. (Friction for Packing Houses, etc), 5323 Western blvd., Chicago, Ill.
 Treece W. C. & Co. ("Peerless" for Slaughtering Beef, etc), Findlay, O.

6171-2-3—Hoists (Belt)

See also Engines, Hoisting

American Hoist & Derrick Co. (Double Friction Drum), St. Paul, Minn.
BUFFALO CONTRACTORS' PLANT CORP., 131 Erie, Buffalo, N. Y. *See adv index at end of book*
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O. *See adv index at end of book*
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
CLYDE IRON WORKS (Friction Drum, etc), Duluth, Minn. *See adv index at end of book*
 Dillon-Box Iron Works Co., Denver, Colo.
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 English Iron Works Co. ("Samson" Double & Single Friction Drum), Kansas City, Mo.
 Erie Clutch & Pulley Co., Erie, Pa.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R Ry, Phila., Pa. *See adv index at end of book*
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 National Hoisting Engine Co. (Single & Double Friction Drum, etc), Harrison, N. J.
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
 Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.

Hoists (Blast Furnace)

See Hoists, Steam

Hoists (Body-Dumping)

See Hoists, Auto, Dump Body Operating

Hoists (Builders')

See Hoists, Contractors' Material; also Elevators, Hod

6174—*Hoists (Builders' Electric)

See also Hoists, Electric

BUFFALO CONTRACTORS' PLANT

CORP., 131 Erie, Buffalo, N. Y.

See adv index at end of book

CLYDE IRON WORKS (also Belt &

Steam), Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty,

New York See adv index at end of book

NORTHERN ENGINEERING WORKS, 9

Chene, Detroit, Mich.

See adv index at end of book

6175—*Hoists (Cableway)**LIDGERWOOD MFG. CO.**, 96 Liberty,

New York See adv index at end of book

6176—*Hoists (Cellar)**SPEIDEL JOHN G.** ("Speidel" Vertical &

Inclined), Reading, Pa.

See adv index at end of book

6177—Hoists (Chain)

See also Pneumatic Hoists

Boston & Lockport Block Co. ("Star"),

100 Conder, East Boston, Mass.

Box Alfred & Co., 813 N Front, Phila., Pa.

Carpenter Geo. B. & Co., 440 Wells, Chi-

cago, Ill.

Channon Jas. H. Mfg. Co. ("Union" Wes-

ton Differential), 227 W Erie, Chi-

cago, Ill.

Chisholm-Moore Mfg. Co. ("Cyclone" High

Speed Direct, "Moore's" Anti-Friction,

with Automatic Brake Differential),

49th to 53d & Lake, Cleveland, O.

Curtis & Co. Mfg. Co. (Pneumatic), 1571

Kienlen av, St. Louis, Mo.

DETROIT HOIST & MACHINE CO., De-

troit, Mich. See adv index at end of book

Dobbie Foundry & Machine Co., Niagara

Falls, N. Y.

Dunn Jas. P. ("Bailey"), Cleveland, O.

Ford Chain Block & Mfg. Co. ("Tribloc"),

139 N Oxford, Phila., Pa.

GODFREY-KEELER CO., 70 Warren, New

York See adv index at end of book

Harrington Edwin Son & Co. ("Peerless"),

17th & Callowhill, Phila., Pa.

Hobbs Clinton E. ("Weston"), 12 Pearl,

Boston, Mass.

Irving Mfg. & Tool Co., 157 Chambers,

New York

JEFFREY MFG. CO., 961 N Fourth, Co-

lumbus, O.

See adv index at end of book

Lane Bros. Co., Poughkeepsie, N. Y.

Moore Franklin Co. ("Acme," "Imperial,"

¼ to 20 tons), Winsted, Conn.

New Jersey Foundry & Machine Co., 89

West, New York

NORTHERN ENGINEERING WORKS

("Electric"), 9 Chene, Detroit, Mich.

See adv index at end of book

READING CHAIN BLOCK CO., Reading,

Pa.

Round D. & Son ("Superior"), Cleveland,

O.

Ryerson Jos. T. & Son, 2558 W 16th, Chi-

cago, Ill.

Schuchardt & Schutte, 90 West, New York**SPEIDEL JOHN G.** ("Simplex"), Read-

ing, Pa. See adv index at end of book

Whiting Foundry Equipment Co. (Chain

& Rope), Harvey, Ill.

Wright Mfg. Co. ("Standard" High

Speed), Lisbon, O.

Yale & Towne Mfg. Co. (Triplex Spur

Geared & Duplex Screw Geared), 9 E

40th, New York

6178—Hoists (Chandelier)**Ogden J. Edward Co.**, 147 Cedar, New

York

6179—*Hoists (Coal Handling)**Brown Hoisting Machinery Co.**, 4403 St.

Claire, N E Cleveland, O.

See adv index at end of book

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CORP., 131 Erie, Buffalo, N. Y.

See adv index at end of book

Hunt C. W. Co., West New Brighton, N. Y.

See adv index at end of book

Jeffrey Mfg. Co., 961 N Fourth, Columbus,

O. See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty,

New York See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chi-

cago, Ill., & Hunting Park av & P &

R Ry, Phila., Pa.

See adv index at end of book

Locomotive Crane Co., Bucyrus, O.

See adv index at end of book

NORTHERN ENGINEERING WORKS

(For Unloading Cars, Vessels, etc),

9 Chene, Detroit, Mich.

See adv index at end of book

ROBINS CONVEYING BELT CO., 13

Park row, New York

See adv index at end of book

6180—*Hoists (Coal, Incline Travel-

ing)

HAYWARD CO., THE, 50 Church, New

York See adv index at end of book

Hunt C. W. Co., West New Brighton, N. Y.

See adv index at end of book

Jeffrey Mfg. Co., 961 N Fourth, Columbus,

O. See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty,

New York See adv index at end of book

LINK-BELT CO., 39th & Stewart av,

Chicago, Ill., & Hunting Park &

P. & R. Ry., Phila., Pa.

See adv index at end of book

ROBINS CONVEYING BELT CO., 13

Park row, New York

See adv index at end of book

6181—*Hoists (Combined with

Trolley)

Brown Hoisting Machine Co., 4403 St.

Claire, N E Cleveland, O.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty,

New York. See adv index at end of book

LINK-BELT CO., 39th & Stewart av,

Chicago, Ill., & Hunting Park av &

P. & R. Ry., Phila., Pa.

See adv index at end of book

6182—*Hoists (Concrete Bucket)**Clyde Iron Works**, Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty,

New York See adv index at end of book

6183—Hoists (Contractors' Mate-

rial)

See also Elevators, Hod

American Cement Machine Co., Koekuk,

Ia.

Archer Iron Works (Steel Skeleton), 2436

W 34th pl, Chicago, Ill.

Armstrong Mfg. Co., Armstrong bldg,

Waterloo, Ia.

Atkinson W. H. Co., Hoboken, N. J.

Bates & Edmonds Motor Co. (Gasoline

for Double Platform), Lansing, Mich.

Biegert J. C. Machine Works, Seattle,

Wash.

Buffalo Contractors' Plant Corp. (Wheel-

barrow), 131 Erie, Buffalo, N. Y.

See adv index at end of book

Byers John F. Machine Co., 242 S Sycamore,

Ravenna, O.

See adv index at end of book

**AUTO CRANES**

Also steam, gasoline, and electric Hoists, Derricks,

Sheaves, etc.

JOHN F. BYERS MACHINE CO.

242 South Sycamore St., Ravenna, Ohio

C. H. & E. Mfg. Co. ("C. H. & E." Single

Drum Double Acting Engine or Motor

Driven), 384 Clinton, Milwaukee, Wis.

Channon Jas. H. Mfg. Co. (Belt, Electric,

Gasoline, Portable, etc.), 227 Erie,

Chicago, Ill.

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

Dake Engine Co. (Steam or Air), Grand

Haven, Mich.

Dillon-Box Iron Works Co., Denver, Colo.

Erie Clutch & Pulley Co., Erie, Pa.

Grote F. Mfg. Co., Evansville, Ind.

Insley Mfg. Co. (Steel Skeleton), 3500 E

St. Clair, Indianapolis, Ind.

Ireland Machine Foundry Co., Norwich,

N. Y.

Kalamazoo Railway Supply Co., Kalama-

zoo, Mich.

LIDGERWOOD MFG. CO., 96 Liberty,

New York. See adv index at end of book

Mead-Morrison Mfg. Co., Cor Prescott &

Orleans, East Boston, Mass.

National Hoisting Engine Co., Harrison,

N. J.

Northwestern Iron Works, Seattle, Wash.

O. K. Clutch & Machinery Co., Columbus,

Pa.

Patten Mfg. Co. (Double Platform, Elec-

tric Gasoline & Steam), Chattanooga,

Tenn.

Sasgen Derrick Co. (Also Barrel & Auto

Truck), 3101 W Grand av, Chicago,

Ill. See adv index at end of book

Seattle Machine Works, Seattle, Wash.

Street Bros. Machine Works, Chatta-

nooga, Tenn.

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 Waterloo Cement Machinery Corp. ("Polygon" Gasoline Engine), Waterloo, Ia.
 Waterloo Gasoline Engine Co., Waterloo Ia.
 Whitman Agricultural Co. ("Sultan"), 7000 S B'way, St. Louis, Mo.

6184— *Hoists (Derrick)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

6185—Hoists (Dock & Deck)

American Engineering Co. ("Williamson," Steam, Electric & Gasoline), Aramingo & Cumberland, Phila., Pa.
 Automatic Machine Co., Bridgeport, Conn.
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Chase Machine Co. (Single & Double Geared), Cleveland, O.
CLYDE IRON WORKS (Steam), Duluth, Minn. *See adv index at end of book*
 Dake Engine Co. (Pneumatic or Steam), Grand Haven, Mich.
DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*
 Dillon-Box Iron Works Co. (Dock), Denver, Colo.
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 Erie Clutch & Pulley Co., Erie, Pa.
 Jackson & Church Co., Saginaw, Mich.
 Lake Shore Engine Works (Electric), Marquette, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
 Mundy J. S. Hoisting Engine Co. (Electric & Steam), 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
NORTHERN ENGINEERING WORKS (Electric), 9 Chene, Detroit, Mich.
See adv index at end of book
 Superior Iron Works Co., Superior, Wis.
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.
 Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6186— Hoists (Drum)

See also Engines, Hoisting
 American Hoist & Derrick Co., St. Paul, Minn.
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS (Friction Drum, Electric), Duluth, Minn.
See adv index at end of book

Erie Clutch & Pulley Co., Erie, Pa.
 Flory S. Mfg. Co. (Belt & Electric Single & Double Friction, for Quarries, Mines, etc), Bangor, Pa.
 Foote C. Mfg. Co. ("Foote" Single Friction), Nunda, N. Y.
 Lake Shore Engine Works, Marquette, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book
 Minneapolis Steel & Machinery Co. ("Twin City" Electric, Gasoline & Steam), 29th & Drexel, Minneapolis, Minn.
 Stroudsburg Engine Works, Stroudsburg, Pa.
 Superior Iron Works Co., Superior, Wis.
 Webster Mfg. Co., Tiffin, O.

6187— Hoists (Electric)

See also Pneumatic Hoists; also Cranes, Hand Power; also Cranes, Electric
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 American Hoist & Derrick Co. (Single & Double Friction Drum, etc), St. Paul, Minn.
BARTLETT C. O. & SNOW CO. (For Steam Ship Fueling Lighters), French st, Cleveland, O.
See adv index at end of book
 Box Alfred & Co. (Monorail, etc), 813 N Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., 4403 St. Clair, N E Cleveland, O.
See adv index at end of book
BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O.
See adv index at end of book
BUFFALO CONTRACTORS' PLANT CORP. ("Buffalo"), 131 Erie, Buffalo, N. Y. *See adv index at end of book*

Hoists (Electric) Friction Drum

MANUFACTURED BY
CLYDE IRON WORKS
 DULUTH, MINN.

Byers Joohn F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Case Crane & Engineering Co., Columbus, O.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg., Chicago, Ill.
See adv index at end of book
 Cline A. J. ("Reliable"), 343 S Dearborn, Chicago, Ill.
CLYDE IRON WORKS (Friction Drum), Duluth, Minn.
See adv index at end of book
 Dake Engine Co., Grand Haven, Mich.
 Denver Engineering Works Co., Denver, Colo.
DETROIT HOIST & MACHINE CO. (Portable), Detroit, Mich.
See adv index at end of book

HOISTS—ELECTRIC

Portable and Monorail
 FOR EVERY PURPOSE

DETROIT HOIST & MACHINE CO.
 DETROIT, MICH.

When writing to firms
 whose names appear
 in this book please
 mention

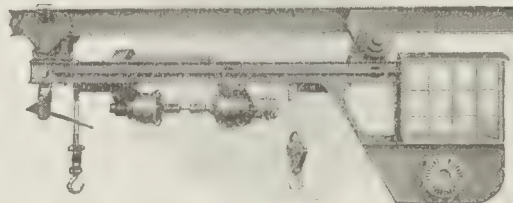
HENDRICKS' COMMERCIAL REGISTER.

Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
 Eagle Iron Works, Des Moines, Ia.
 Economy Engineering Co., Willoughby, O.
 Erie Clutch & Pulley Co., Erie, Pa.
 Euclid Crane & Hoist Co. (Traveling Mono-Rail), Euclid, O.
 Exeter Machine Works, Pittston, Pa.
 Fair Haven Foundry & Machine Co., Fair Haven, Vt.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Finch Mfg. Co., Scranton, Pa.
 Flory S. Mfg. Co., Bangor, Pa.
 Galena Iron Works Corp., Galena, Ill.
 Grote F. Mfg. Co., Evansville, Ind.
 Haiss Geo. Mfg. Co., 141st & Rider av, New York
 Hardie-Tynes Mfg. Co., Birmingham, Ala.

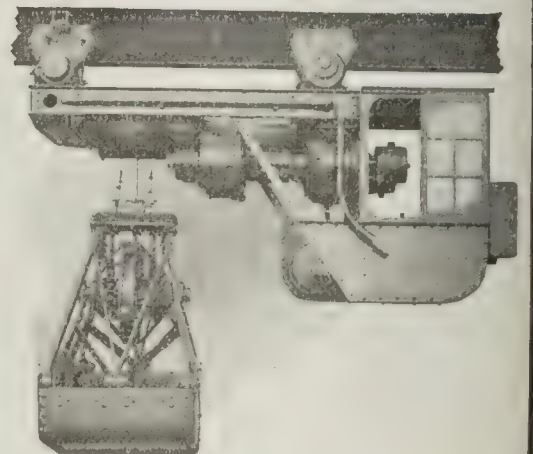
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Electric Hoists for every service built in over 200 types and sizes, from 500 lbs. capacity up to 25 tons. Send us your specifications for

Electric Hoists,
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 NEW YORK PHILADELPHIA PITTSBURG CHICAGO

Haslett Spiral Chute Co., Westmoreland & 23d, Phila., Pa.
See adv index at end of book

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Impe Iron Works, Duluth, Minn.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.
See adv index at end of book

Kansas City Elevator Mfg. Co., Kansas City, Mo.

Lake Shore Engine Works (Portable Derrick & Mining), Marquette, Mich.

Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book

Maine Electric Co., Portland, Me.

Maris Bros., 56th & Gray's av, Phila., Pa.

Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.

Minneapolis Steel & Machinery Co. ("Twin City") Single, Double & Triple Friction Drum), 29th & Drexel, Minneapolis, Minn.

Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book

National Hoisting Engine Co. (Double Friction Drum, etc), Harrison, N. J.

National Iron Co., Duluth, Minn.

New Jersey Foundry & Machine Co., 89 West, New York

NORTHERN ENGINEERING WORKS (Chain), 9 Chene, Detroit, Mich.
See adv index at end of book

Orr & Sembower, Reading, Pa.

OTIS ELEVATOR CO., 26th & 11th av, New York *See adv index at end of book*

Ottumwa Iron Works, Ottumwa, Iowa

Patten Mfg. Co. ("Patten," Variable Speed), Chattanooga, Tenn.

Pawling & Harnischfeger Co., Milwaukee, Wis.

Pneumelectric Machine Co., Syracuse, N. Y.

Portland Co., Portland, Me.

Reading Crane & Hoist Works, Reading, Pa.

Sackett Mine Supply Co., Columbus, O.

San Francisco Engineering Co., 322 6th San Francisco, Cal.

SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

Shriver T. & Co., Harrison, N. J.

South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.

Sprague Electric Works, 527 W 34th, New York

Street Bros. Machine Works, Chattanooga, Tenn.

Stroudsburg Engine Works (Friction, Drum, etc), Stroudsburg, Pa.

Sybilla Elevator & Mfg Co., Chattanooga, Tenn.

Thomas Elevator Co., 20 S Hoyne, Chicago, Ill.

Toledo Bridge & Crane Co., 2500 Door, Toledo, O.

Weir & Craig Mfg. Co. (1-2 to 5 tons), 2421 Wallace, Chicago, Ill.

Wellman-Seaver-Morgan Co., Cleveland, Ohio

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6188—*Hoists (Electric Chain)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

SPEIDEL J. G., Reading, Pa.
See adv index at end of book

Sprague Electric Works, 527 W 34th, New York

Hoists (Electric Mine)

See Hoists, Mine

6189—*Hoists (Electric Monorail)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book

NORTHERN ENGINEERING WORKS

9 Chene, Detroit, Mich.

See adv index at end of book

SHEPARD ELECTRIC CRANE & HOIST CO.

Montour Falls, N. Y.

See adv index at end of book

6189a—*Hoists (Electric Portable)

NORTHERN ENGINEERING WORKS, 9

Chene, Detroit, Mich.

See adv index at end of book

6190—Hoists (Electric, Reversible Friction)

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

6191—Hoists (Electric Traveling)

See also Cranes, Electric Traveling

Brown Hoisting Machinery Co., 4403 St. Claire, N E Cleveland, O.
See adv index at end of book

Case Crane & Engineering Co., Columbus, O.

Euclid Crane & Hoist Co. (Monorail), Euclid, O.

Exeter Machine Works, Pittston, Pa.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

Pawling & Harnischfeger Co., Milwaukee, Wis.

Reading Crane & Hoist Works, Reading, Pa.

SHEPARD ELECTRIC CRANE & HOIST CO. (Also Electric Trolleys), Montour Falls, N. Y. *See adv index at end of book*

Sprague Electric Works, 527 W 34th, New York

Toledo Bridge & Crane Co., 2500 Door, Toledo, O.

Hoists (Electric Trolley)

See Hoists, Electric Traveling

6192—Hoists (Friction & Flat Friction)

Byers Jno. F. Machine Co. (Cone), 242 S Sycamore, Ravenna, O.
See adv index at end of book

Caldwell H. W. & Son Co. (Hanger & Horizontal Type), 17th & Western av, Chicago, Ill.

Erie Clutch & Pulley Co., Erie, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book

Long E. G. Co., 50 Church, New York

McFarlane Peter & Sons Iron Works Co., Denver, Colo.

Smith T. L. Co., 1151 32d, Milwaukee, Wis.

Webster Mfg. Co. (Friction), Tiffin, O.

Wright M. & Son Co., Montpelier, Vt.

6193—Hoists (Furnace)

Brown Hoisting Machinery Co., 4403 St. Claire, N E Cleveland, O.
See adv index at end of book

LIDGERWOOD MFG. CO. (Blast), 96 Liberty, New York
See adv index at end of book

Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York

6194—Hoists (Furnace Door)

(For Tempering & Annealing Furnaces)

Curtis & Co. Mfg. Co. (Air), 1571 Kienlen av, St. Louis, Mo.

6195—Hoists (Gasoline)

See also Engines, Hoisting, Gas & Gasoline

Alamo Mfg. Co., Hillsdale, Mich.

American Cement Machine Co., Keokuk, Ia.

Atlas Engng. Co., 3009 Lisbon av, Milwaukee, Wis.

Bates & Edmonds Motor Co., Lansing, Mich.

Brown Clutch Co. ("Little Giant"), Sandusky, O.

Buckeye Engine & Foundry Co., Joliet, Ill.

Byers John F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

Charter Gas Engine Co. ("Charter"), Sterling, Ill.

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

Corliss Gas Engine Co. (Corliss Mining), 440 Market, San Francisco, Cal.

Erie Clutch & Pulley Co., Erie, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Foos Gas Engine Co. (Mine & Contractors, 9 H.P.-25 HP.), 800 Monroe, Springfield, O.

LIDGERWOOD MFG. CO. (Gas or Gasoline), 96 Liberty, New York
See adv index at end of book

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

Minneapolis Steel & Machinery Co. ("Twin City") Single, Double & Triple Friction Drum), 29th & Drexel, Minneapolis, Minn.

Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book

Novo Engine Co., Lansing, Mich.

Original Gas Engine Co. ("Ideal"), Lansing, Mich.

Orr & Sembower (Also Kerosene), Reading, Pa.

Patten Mfg. Co., Chattanooga, Tenn.

Price G. W. Pump & Engine Co., 33 Stevenson, San Francisco, Cal.

Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.

Union Gas Engine Co. (Gas), 24 California, San Francisco, Cal.

Universal Hoist & Mfg. Co. ("Ideal"), Cedar Falls, Iowa

Waterloo Cement Machinery Corp. ("Polygon"), Waterloo, Ia.

Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

Western Gas Engine Corp., Los Angeles, Cal.

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6196—*Hoists (Grab Bucket)

Brown Hoisting Machinery Co., 4403 St. Claire, N E Cleveland, O.
See adv index at end of book

CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry., Phila., Pa.
See adv index at end of book

Locomotive Crane Co., Bucyrus, O.
See adv index at end of book

NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book

ROBINS CONVEYING BELT CO., 13 Park row, New York
See adv index at end of book

SHEPARD ELECTRIC CRANE & HOIST CO., Montour Falls, N. Y.
See adv index at end of book

6197—Hoists (Grip, for Hand Elevators)

Jordan Bros. (Single, Belt Geared), 74 Beekman, New York

Speidel John G., Reading, Pa.
See adv index at end of book

WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y.
See adv index at end of book

6198— Hoists (Hand)

See also Elevators, Hand; also Hoists, Chain

- American Hoist & Derrick Co. (Also Belt), St. Paul, Minn.
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.
See adv index at end of book
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Case Crane & Engng. Co. (Hand Power), Columbus, O.
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
 Dobbie Foundry & Machine Co. (Hand Power), Niagara Falls, N. Y.
 Euclid Crane & Hoist Co., Euclid, O.
 Exeter Machine Works, Pittston, Pa.
 Frick Co., Waynesboro, Pa.
 Great Lakes Engineering Works (For Ice Cans), Detroit, Mich.
INGERSOLL-RAND CO. ("Little Tugger" Pneumatic or Steam), 11 B'way, New York *See adv index at end of book*
 Kansas City Elevator Mfg. Co., Kansas City, Mo.
 Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
 Larrabee Jno. E. Co. (Portable), Amsterdam, N. Y.
 Mason Volney W. & Co., 2 Lafayette, Providence, R. I.
 Milton S. G. & Son ("Champion" Portable Crane & Hoist), Franklin, Pa.
 Mine & Smelter Supply Co. (For Mines, etc), 42 B'way, New York
 Motor Specialties Co. ("Simplex Hoister" Ratchet Wire Rope), Waltham, Mass.
 Mundy J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 New Jersey Foundry & Machine Co., 89 West, New York
 Shriver T. & Co., Harrison, N. J.
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.
SPEIDEL JOHN G., Reading, Pa.
See adv index at end of book
WARSAW ELEVATOR CO., Warsaw, N. Y., & Marine National Bank bldg, Buffalo, N. Y.
See adv index at end of book

6199— Hoists (Head Gate)

- Dayton Globe Iron Works, Dayton, O.
 Dils Machine Works (Inc.) (For Water Power Developments), Fulton, N. Y.

Hoists (Hod)

See Elevators, Hod

6200— Hoists (Hydraulic)

- Chambersburg Engng. Co., Chambersburg, Pa.
 Kansas City Elevator Mfg. Co., Kansas City, Mo.

6201-2—*Hoists (Incline Trenching)

- LIDGERWOOD MFG. CO.**, 96 Liberty, New York *See adv index at end of book*

6203— Hoists (Mine)

- Alamo Mfg. Co. (Gasoline, Alcohol, etc), Hillsdale, Mich.
CLYDE IRON WORKS (Steam, Electric, etc), Duluth, Minn.
See adv index at end of book
 Connellsville Mfg. & Mine Supply Co. (Steam & Electric), Connellsville, Pa.
 Dake Engine Co., Grand Haven, Mich.
 Davis F. M. Iron Works Co., Denver, Colo.
 Denver Engng. Works Co. (Electric), Denver, Colo.
 Diamond Machine Co. (Electric), Monongahela, Pa.
 Dillon-Box Iron Works Co. (Steam & Electric), Denver, Colo.
 Eagle Iron Works (Steam & Electric), Des Moines, Ia.
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Flory S. Mfg. Co. (Steam, Gasoline & Electric), Bangor, Pa.
 Galena Iron Works Corp. (Electric, Steam & Belt Driven), Galena, Ill.
 Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
 Hardie-Tynes Mfg. Co., Birmingham, Ala.

- Hassell Iron Works Co. (Also Horse Power), Colorado Springs, Col.
 Hendrie & Bolthoff Mfg. & Supply Co. (Steam & Electric Power), Denver, Colo.

- Hendy Joshua Iron Works (Electric & Steam), 75 Fremont, San Francisco, Cal.

- Holmes Robt. & Bros. ("Holmes" Automatic Gravity), Danville, Ill.

- Imperial Iron Works (Steam & Electric), Duluth, Minn.

- JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.
See adv index at end of book

- Lake Shore Engine Works (Electric), Marquette, Mich.

- Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.

- LIDGERWOOD MFG. CO.** (Steam & Electric), 96 Liberty, New York
See adv index at end of book

- LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

- McFarlane Peter & Sons Iron Works Co. (Electric & Steam), Denver, Colo.

- Mead-Morrison Mfg. Co. (Steam & Electric), cor Prescott & Orleans, East Boston, Mass.

- Mine & Smelter Supply Co. (Electric), 42 B'way, New York

- Mineral Ridge Mfg. Co. (Electric & Steam) Mineral Ridge, O.

- National Iron Co., Duluth, Minn.

- NORTHERN ENGINEERING WORKS** (Electric), 9 Chene, Detroit, Mich.
See adv index at end of book

- Ottumwa Iron Works (Steam & Electric), Ottumwa, Ia.

- Seattle Machine Works, Seattle, Wash.

- Silver Bros. Iron Works Co., Salt Lake City, Utah

- South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.

- Stroudsburg Engine Works, Stroudsburg, Pa.

- Traylor John A. Machy. Co., Denver, Colo.

- United Iron Works Co. (Electric), Springfield, Mo.

- Vulcan Iron Works (Steam & Electric), Wilkes-Barre, Pa.

- Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

- Wellman-Seaver-Morgan Co. ("Winze," Steam & Electric), Cleveland, O.

- Western Gas Engine Corp., Los Angeles, Cal.

- Willamette Iron & Steel Works, Portland, Ore.

6204— Hoists (Oil)

- Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.
 Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.

6205— Hoists (Paper)

- Omaha Folding Machine Co., Omaha, Neb.
 Rouse H. B. & Co., 2214 Ward, Chicago, Ill.

Hoists (Pneumatic)

See Pneumatic Hoists

6206— *Hoists (Portable)

- See also Cranes, Portable; also Hoists, Chain
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

6207— *Hoists (Quarry)

- Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS, Duluth, Minn.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

6208—Hoists (Rope & Block)

- Hall Mfg. Co. ("Hall," Steel Safety), Monticello, Ia.
 Hunt, Helm, Ferris & Co. ("Star"), Harvard, Ill.
 Ney Mfg. Co., Canton, O.

6209—Hoists (Sand, Pneumatic)

- Robertson Wm. & Co. ("Robertson," for Railroad Use, etc), 20 W Jackson blvd, Chicago, Ill.

6210—Hoists (Scaffold, Etc.)

- Motor Specialties Co. ("Simplex," Small, of Painters, Building Cleaners, Bridge Builders, etc), Waltham, Mass.

Hoists (Sidewalk)

See Elevators, Sidewalk

6211— *Hoists (Skip)

- BARTLETT C. O. & SNOW CO.** (For Coal, Ashes or Other Materials), French st, Cleveland, O.
See adv index at end of book

- BEAUMONT R. H. CO.**, Drexel bldg, Phila., Pa. *See adv index at end of book*

- Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*

- LIDGERWOOD MFG. CO.**, 96 Liberty, New York *See adv index at end of book*

- OTIS ELEVATOR CO.** (For Blast Furnaces, etc), 26th & 11th av, New York. *See adv index at end of book*

6212— Hoists (Steam)

See also Engines, Hoisting

- ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*
 American Hoist & Derrick Co., St. Paul, Minn.

- Armstrong Mfg. Co., Armstrong bldg, Waterloo, Ia.

- BUFFALO CONTRACTORS' PLANT CORP.**, 131 Erie, Buffalo, N. Y.
See adv index at end of book

- Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book

- CLYDE IRON WORKS**, Duluth, Minn.
See adv index at end of book

- Compressed Air & General Machinery Co., 39 Stevenson, San Francisco, Cal.

- Dillon-Box Iron Works Co., Denver, Colo.

- Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

- Eagle Iron Works, Des Moines, Ia.

- Exeter Machine Works, Pittston, Pa.

- Flory S. Mfg. Co., Bangor, Pa.

- Foot C. Mfg. Co., Nunda, N. Y.

- Galena Iron Works Corp., Galena, Ill.

- Gas Machinery Co. (For Gas Works), 1900 Euclid av, Cleveland, O.

- Hardie-Tynes Mfg. Co., Birmingham, Ala.

- Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.

- Imperial Iron Works, Duluth, Minn.

- Jackson & Church Co., Saginaw, Mich.

- Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.

- Lansing Co., Lansing, Mich.

- LIDGERWOOD MFG. CO.**, 96 Liberty, New York *See adv index at end of book*

HOISTS (STEAM)
 MANUFACTURED BY
CLYDE IRON WORKS
 DULUTH, MINN.

- LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.
See adv index at end of book

- McFarlane Peter & Sons Iron Works Co., Denver, Colo.

- Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

- Mineral Ridge Mfg. Co., Mineral Ridge, O.

- Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J.
See adv index at end of book

- National Hoisting Engine Co., Harrison, N. J.

- National Iron Co., Duluth, Minn.

- OTIS ELEVATOR CO.**, 26th & 11th av, New York *See adv index at end of book*

Ottumwa Iron Works, Ottumwa, Ia.
Portage Lake Foundry & Machine Co.,
Hancock, Mich.
South St. Louis Foundry Co., 7514 S
B'way, St. Louis, Mo.
Traylor John A. Machy. Co., Denver, Colo.
Union Iron Works Co., 20th & Michigan,
San Francisco, Cal.
United Iron Works Co. ("Freeman"
Geared), Springfield, Mo.
Wellman-Seaver-Morgan Co., Cleveland,
Ohio

6213—Hoists (Suction Pipe)

Superior Iron Works Co. (Hydraulic), Su-
perior, Wis.

6214—Hoists (Telescopic)

Alvey-Ferguson Co. ("A-F"), North av,
Cincinnati, O.
Ernest C. K., Buffalo, N. Y.
Gillis & Geoghegan ("G. & G."), 537 W
B'way, New York
Link-Belt Co., 39th & Stewart av, Chi-
cago Ill. & Hunting Park av & P & R
Ry, Phila., Pa.
See adv index at end of book

Hoists (Telfer)

See Telferage, Electric Conveying

6215—*Hoists (Traveling)

See also Hoists, Electric Traveling

DETROIT HOIST & MACHINE CO., De-
troit, Mich. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty,
New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chi-
cago, Ill. & Hunting Park av & P & R
Ry, Phila., Pa.
See adv index at end of book
Locomotive Crane Co., Bucyrus, O.
See adv index at end of book
New Jersey Foundry & Machine Co., 89
West, New York
SPEIDEL JOHN G. (Hand Power), Read-
ing, Pa. *See adv index at end of book*
Toledo Bridge & Crane Co., 2500 Dorr,
Toledo, O.

Hoists (Trolley)

See Trolleys & Trolley Tracks, Overhead

Hoists (Wheelbarrow)

See Hoists, Contractors' Material

6216—Hold-Backs (Crucible)

Johnson Bronze Co., New Castle, Pa.

6217—Holders (Automobile Tire)

Aetna Brass Mfg. Co., 3870 Hamilton,
Cleveland, O.
Allen Auto Specialty Co. (With Locks),
16 W 61st, New York
Allen Fire Dept. Supply Co., 159 Aborn,
Providence, R. I.
Attwood Brass Works, Grand Rapids,
Mich.
Auto Brass Mfg. Co. ("Abco"), 56 Friend-
ship, Providence, R. I.
Auto Parts Mfg. Co. ("Badger" Side &
Rear), 528 B'way, Milwaukee, Wis.
B. E. Mfg. Co. ("Bemco"), 444 B'way,
New York
B. & B. Mfg. Co., Cleveland, O.
Beckley-Ralston Co. ("Monarch" Adjust-
able), 1801 S Michigan av, Chicago,
Ill.
Central Brass & Fixture Co., Springfield,
Ohio
Chicago Electric Mfg. Co. ("Amco"), 2815
S Halsted, Chicago, Ill.
Cleveland Galvanizing Works Co. (Chain),
3924 Cooper av, Cleveland, O.
Cowles C. & Co., New Haven, Conn.
Douglas & Lomason Co., Detroit, Mich.
E.-C. Sales Co. ("E.-C."), 140 W Van-
buren, Chicago, Ill.
Eberhard Mfg. Co., Cleveland, O.
Essex Brass Foundry Co. (With Locks),
Cambridge, Mass.
Findelsen & Kropf Mfg. Co., 2550 W 21st,
Chicago, Ill.
Gemco Mfg. Co. ("Gemco" Rear End &
Runningboard Holders), Milwaukee,
Gilbert Mfg. Co. ("Gilbert" with Locks),
New Haven, Conn.
Halladay L. P. Co. (Also Numbers),
Streator, Ill.

Highton Wm. & Sons Co., Nashua, N. H.
Keeler Brass Co., Grand Rapids, Mich.
Kreidler Auto Top Co., Trenton, N. J.
Le Compte Mfg. Co. (Hard Rubber), 44
Elm, Newark, N. J.
Medina Stamping & Machine Co. ("Me-
dina" Hinge), Medina, N. Y.
Metal Stamping Co. ("Perfection"), 13th,
Long Island City, N. Y.
National Jack & Mfg. Co., 130 S Clinton,
Chicago, Ill.
Noonan A. S. Tool & Machine Wks., Rome,
N. Y.
Post & Lester Co. ("Security"), Hartford,
Conn.
Rands Mfg. Co., Detroit, Mich.
Smith Jos. N. & Co., Detroit, Mich.
Star Brass Works Co., Kansas City, Mo.
Starr Bros. Bell Co. ("Starr" Bronze,
Brass & Malleable Iron), East Hamp-
ton, Conn.
Stryker C. W., Syracuse, N. Y.
Western Brass Mfg. Works ("Hercules"),
Marshall Boul. & W 21st, Chicago, Ill.
Western Mechanical Works ("Western"
Telescoping), Los Angeles, Cal.
Whitehouse-Le Compte Mfg. Co. (With
Locks), 44 Elm, Newark, N. J.
Wiener-Barnet Co., 328 Adams, Newark,
N. J.

6218—Holders (Bag)

American Buncher Mfg. Co., Oliver &
Harding, Indianapolis, Ind.
Belcher & Taylor Agricultural Tool Co.,
Chicopee Falls, Mass.
Nordyke & Marmon Co., 1290 Kentucky
av, Indianapolis, Ind.
Sackett A. J., Cor 4th av & 1st, Baltimore,
Md.
South Bend Spark Arrester Co., South
Bend, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Trumpheller Mfg. Corp. ("Trump"), 447
Ellicott sq, Buffalo, N. Y.
Wagner Mfg. Co. ("Daisy," for Farm
Use), Cedar Falls, Ia.
Webster Mfg. Co. ("Mosher"), Tiffin, O.
Wilson-Hurd Co., Wausau, Wis.
Wolf Co., Chambersburg, Pa.

6219—Holders (Battery)

Am. Ever Ready Wks. of Nat. Carbon
Co., L. I. City, N. Y.
Eureka Supply Co., Sewell, N. J.
Mersman Bros., Ottawa, O.
Michigan Motor Spec. Co., 40 Dubois, De-
troit, Mich.
Nat. Carbon Co., Madison av N W & W
117th, Cleveland, O.
Niagara Mfg. Co., Holyoke, Mass.
Ostrander W. R. & Co., 371 B'way, New
York
Paragon Electric Co., 9 S Clinton, Chicago,
Ill.
Stanley & Patterson ("Watertight" Seal-
ed-In Wireless), 23 Murray, New
York
Stephenson Supply Co., Auburn, N. Y.
Sumter Telephone Supply Co., Sumter,
S. C.

6220—*Holders (Bit Brace)

GREENFIELD TAP & DIE CORP.
("G. T. D." for Taps & Dies), Green-
field, Mass.
See adv index at end of book

6221—Holders (Blanket)

Buckeye Mfg. Co., Canton, O.
Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Imperial Bit & Snap Co., Racine, Wis.
Kohler F. E. Co., Canton, O.
Thomson Judson L. Mfg. Co., Waltham,
Mass.

6222—Holders (Blotter)

Weber-Knapp Co., Jamestown, N. Y.

6223—Holders (Bottle)

Aldrich Mfg. Co., Buffalo, N. Y.
New York Stamping Co. ("Empress"),
N 11th & Berry, Brooklyn, N. Y.
Ray Geo. A. Mfg. Co. (Ginger Ale, Club
Soda, Nickel Plated), Buffalo, N. Y.
United Steel & Wire Co., Battle Creek,
Mich.

6224—Holders (Broom)

See also Holders, Whisk Brooms
Bradley & Farnham ("Knapp" Gravity),
Middletown, Conn.
Cassady Fairbanks Mfg. Co. ("Sensible,"
"Thompson"), 6126 S La Salle, Chi-
cago, Ill.
Coleman Hardware Co. ("Eureka"), 122 S
Michigan av, Chicago, Ill.
Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Erickson C. E. & Co. ("Queen"), Des
Moines, Ia.
Forg Peter Mfg. Co., Somerville, Mass.
Franklin Brass Foundry Co. ("Ideal"),
Reading, Pa.
GEUDER, PAESCHKE & FREY CO.,
Milwaukee, Wis.
See adv index at end of book
Moore & Gibson Corp. (Leather), 39 W
19th, New York
Morgan Spring Co., Worcester, Mass.
Parker Wire Goods Co. ("Star," "Eu-
reka"), Worcester, Mass.
Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W
Lake, Chicago, Ill.
Racine Iron & Wire Works, Racine, Wis.
Reading Saddle & Mfg. Co. ("Handy"),
Reading, Pa.
Wolverine Supply & Mfg. Co. (Page &
Fontella), Pittsburgh, Pa.
Wrightsville Hardware Co. ("Star"),
Wrightsville, Pa.

6225—Holders (Brush)

(For Dynamo Brushes)

Anderson Albert & J. M. Mfg. Co., 289a,
Boston, Mass.
Baylis Co. ("Reaction"), Bloomfield, N. J.
Eureka Co., North East, Pa.
Hamblin & Russell Mfg. Co., Worcester,
Mass.
Hemming Mfg. Co., Garfield, N. J.
Nelson Samuel, 1748 Grace, Chicago, Ill.
Par-Sil Metal Co., Lansdale, Pa.
Perfection Supply Co., 98 Park pl, New
York
WESTINGHOUSE ELECTRIC & MFG.
Co., East Pittsburgh, Pa.
See adv index at end of book

6226—Holders (Brush, Paint, Etc.)

Hanlon & Goodman Co. (Adjustable Ex-
tension), 270 Pearl, New York

6227—Holders (Candle)

Bernz Otto, 21 Ashland av, Newark, N. J.
Stortz John & Son (Plumbers), 210 Vine,
Phila., Pa.

6228—Holders (Car Door)

See also Door Stops.
St. Louis Car Co., 8000 N B'way, St. Louis,
Mo.
Sherburne & Co. ("Sherburn"), 53 Oliver,
Boston, Mass.

6229—Holders (Car Wheel)

Oshkosh Mfg. Co. ("McMicken"), Osh-
kosh, Wis.

6230—Holders (Carbon)

Bogue Chas. J. Elec. Co., 513 W 29th,
New York
Phila. Electrical & Mfg. Co., 1236 N 31st,
Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG.
Co., East Pittsburgh, Pa.
See adv index at end of book

6231—Holders (Card & Label)

Brainerd Mfg. Co., East Rochester, N. Y.
Cassady Fairbank Mfg. Co., 6126 S La
Salle, Chicago, Ill.
Corbin Cabinet Lock Co. (Bronze &
Brass), New Britain, Conn.
Dent Hardware Co. (Card), Fullerton,
Pa.
Eagle Lock Co., Terryville, Conn.
GASKET SUPPLY CO., 1927 Ludlow,
Phila., Pa.
See adv index at end of book
Grammes L. F. & Sons, Allentown, Pa.
Judd H. L. Co., 87 Chambers, New York
Kraft A. C. (Galv. Iron & Tin), 323 W
Lake, Chicago, Ill.
Loetscher-Ryan Mfg. Co. (Card), Du-
buque, Ia.
Novelty Mfg. Co., Waterbury, Conn.
Reading Hardware Co., Reading, Pa.

Riley-Klotz Mfg. Co., 17 Mulberry, New-ark, N. J.
Sargent & Co., New Haven, Conn.
Shann Mfg. Co., Middletown, N. Y.
Shelby Spring Hinge Co., Shelby, O.
Timberlake J. B. & Sons (For Price Tickets, etc.), Jackson, Mich.
Weber-Knapp Co., Jamestown, N. Y.
Western Railway Equipment Co. ("Down- ing," for Cars), Central Natl. Bank, bldg., St. Louis, Mo.
Yale & Towne Mfg. Co., 9 E 40th, New York

6232—Holders (Carriage Curtain)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

6233—Holders (Chart)

Spiro C. Mfg. Co., 68 E 131st, New Yrk

6234—Holders (Christmas Tree)

Donnelly John ("Hub"), Branford, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Miller C. H. Hardware Co. ("Donnelly"), Huntingdon, Pa.
North Bros. Mfg. Co. ("Crown"), Lehigh av. & American, Phila., Pa.
Osborn Mfg. Co., 5405 E Hamilton, Cleve-land, O.
Peck Hardware Mfg. Co. ("Little Gem" & "Little Jewel" Steel), Berlin, Wis.
Penn Hardware Co., Reading, Pa.
Reed E. L. Mfg. Co. ("Krackerjack"), Sterling, Ill.
Rhineland Refrigerator Co. ("Riek's"), Rhineland, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

6234a—*Holders (Cigar & Ciga-rette)

Du Pont E. I. De Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York

6234b—*Holders (Clothes Line)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6235—Holders (Concrete)

Grabler Mfg. Co. (Steel, also Extension), Cleveland, O.

6236—Holders (Copy)

Beaton & Cadwell Mfg. Co. ("Luding- ton's"), New Britain, Conn.
Drop-a-Line Indicator Co., Hathaway bldg., Milwaukee, Wis.
Gnu Sales Corp. ("Gnu"), Monadnock bldg., San Francisco, Cal.
Line-a-Time Mfg. Co., 277 B'way, New York

6237—Holders (Cord, Electric Iron)

Paragon Electric Co., 9 S Clinton, Chi- cago, Ill.

6238—Holders (Cotter Pin)

Buffman Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6239—Holders (Crayon)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo.
See adv index at end of book
Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6240—Holders (Curtain Rod)

See Brackets, Curtain Pole

6241—Holders (Dash Rein)

Fernald Mfg. Co. ("Fernald"), North East, Pa.
Searls Mfg. Co., 29 Mulberry, Newark, N. J.

6242—Holders (Diamond)

Montgomery & Co. ("Strong"), 105 Ful- ton, New York

6243—Holders (Dictionary)

Flanagan A. Co., 521 S Wabash av, Chi- cago, Ill.
Sargent Geo. F. Co., 289 4th av, New York
Sargent Mfg. Co., Muskegon, Mich.

6244—Holders (Die & Tap)

AMERICAN TAP & DIE CO. ("Ada- mantine"), Greenfield, Mass.
See adv index at end of book

Bardons & Oliver (Releasing Die), Cleve- land, O.

Bay State Tap & Die Co. ("Bay State"), Mansfield, Mass.

Beaman & Smith Co. (Tap), Providence, R. I.

Braunsdorf-Mueller Co., Elizabeth, N. J.
Butterfield & Co., Derby Line, Vt.

Card S. W. Mfg. Co. (Lathe, Bit, Brace, Die Holders, etc.), Mansfield, Mass.

Carpenter J. M. Tap & Die Co. (Die, Bit, Brace, Lathe), Pawtucket, R. I.

Champion Blower & Forge Co. ("Cham- pion" Bit-Brace & Die Holder), Lan- caster, Pa.

Errington F. A., 39 Cortlandt, New York
Geometric Tool Co. (Reversing Tap Hold- er), New Haven Conn.

Goodell-Pratt Co. (Tap), Greenfield, Mass.
GREENFIELD TAP & DIE CORP.

("G. T. D."), Greenfield, Mass.
See adv index at end of book

Hartford Machine Screw Co., Hartford, Conn.

McCrosky Reamer Co. ("Wizard" Tur- ret Tap), Meadville, Pa.

Modern Tool Co., 500 State, Erie, Pa.

Morse Twist Drill & Machine Co., New Bedford, Mass.

Polk A. J. & Son (Bit Brace), Millers- burg, Pa.

Pratt & Whitney Co., Hartford, Conn.
Quint A. D. (Tap), Hartford, Conn.

Standard Tool Co., 6900 Central av, Cleve- land, O.

Wells F. E. & Son Co. ("O. K." "Her- cules"), Greenfield, Mass.

Holders (Door)

See Door Holders; also Door Stops

6245-6—Holders (Drill)

Armstrong Bros. Tool Co. ("Armstrong," Drill & Reamer), 339 N. Francisco av, Chicago, Ill.

Beaman & Smith Co. ("Safety"), Provi- dence, R. I.

Cleveland Twist Drill Co., 1 E 49th, Cleve- land, O.

Lutz-Webster Engineering Co., 3103 Grays Ferry av, Philadelphia, Pa.

Star Expansion Bolt Co. (Electricians' Brick & Stone), 147 Cedar, New York

Holders (Dry Battery)

See Holders, Battery

6247—Holders (Electric Lamp)

Arrow Electric Co. ("Arrow" Bayonet Type), Hartford, Conn.

Brady Electric Mfg. Co., New Britain, Conn.

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

Faries Mfg. Co. (Adjustable), Decatur, Ill.

Franklin Specialty Mfg. Co. ("Anderson," Adjustable), 710 Eddy, Providence, R. I.

Harley Co., Springfield, Mass.
Ohio Electric Specialty Mfg. Co., Troy, O.

6248—Holders (Extension Bit)

Millers Falls Co., 28 Warren, New York

6249—Holders (Fishing Rod)

Meisselbach A. F. & Bros. ("Universal," "Handy"), 29 Congress, Newark, N. J.

Holders (Flag Pole)

See Brackets, Flag Pole

Holders (Hog)

See Tongs, Hog

6250—Holders (Iron)

Fricke Adolf ("Fricke"), 73 Franklin, New York

6251—Holders (Knurl)

See also Holders, Tool

Alert Tool Co. (Adjustable), 221 N 23d, Phila., Pa.

Braunsdorf-Mueller Co., Elizabeth, N. J.

Graham Mfg. Co. (For Turrets), 96 Point, Providence, R. I.

See adv index at end of book
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

Holders (Label)

See Holders, Card & Label

6252—Holders (Lantern)

Ladd W. C. ("Warner"), Bristol, Conn.
Morse A. J. & Son, 221 High, Boston, Mass.

6253—Holders (Match Box)

American Ring Co., Waterbury, Conn.
Arcade Mfg. Co. (For Safety Matches, etc.), Freeport, Ill.

Buffalo Mfg. Co., Buffalo, N. Y.

Dent Hardware Co., Fullerton, Pa.

Grey Iron Casting Co. (Safety), Mt. Joy, Pa.

Res Mfg. Co. ("Non-theft"), 2907 Mel- necke av, Milwaukee, Wis.

Williams A. C. Co., Ravenna, Ohio

Wrightsville Hardware Co., Wrightsville, Pa.

6254-5—Holders (Milk Bottle or Jar)

Hamblin & Russell Mfg. Co., Worcester, Mass.

National Mfg. Co. ("Natwire" Wire), Wor- cester, Mass.

Parker Wire Goods Co. ("Triumph" Sani- tary, Screws to Wall), Worcester, Mass.

Holders (Mop)

See Mop Sticks & Holders

6256—Holders (Note Book, Stenog-raphers')

Galesburg Writing Machine Co. ("Chi- cago"), Galesburg, Ill.

Ihling Bros. & Everard Co., Kalamazoo, Mich.

Weber-Knapp Co. ("Perfection"), James- town, N. Y.

6257-8—Holders (Oil Can)

Buffum Tool Co. ("Swastika," Automo- bile, etc), South Side, Louisiana, Mo.

Halladay L. P. Co. (Automobile), Streator, Ill.

6259—Holders (Paste & Brush)

Gibson Distributing Co. (Revolving), New Haven, Conn.

6259a—*Holders Pen (Writing)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6260—Holders (Pencil)

Adams D. C. Crayon Co., 125 Market, St. Louis, Mo. *See adv index at end of book*

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6260a—Holders (Pillow Sham)

Josef E. E. Mfg. Co., Buffalo, N. Y.

6261—Holders (Pipe Nipple)

American Pin Co. ("Ampinco" Brass), Waterbury, Conn.

ARMSTRONG MFG CO. ("Armstrong"), 278 Knowlton, Bridgeport, Conn.

See adv index at end of book
Bignall & Keeler Mfg. Co., Edwardsville, Ill.

Boston Brass Co. ("B. B."), Waltham, Mass.

Curtis & Curtis Co., Bridgeport, Conn.

Fee & Mason (& for Flush Pipes), 81 Beekman, New York

Jarecki Mfg. Co., Erie, Pa.

Lockhart R. Jas. ("Lockhart" Polished),
291 Millvale, Pittsburgh, Pa.
Merrell Mfg. Co., 278 Curtis, Toledo, O.
Murchey Machine & Tool Co., Detroit,
Mich.
Starbuck R. M. & Sons ("Starbuck"),
Hartford, Conn.
Walworth Mfg. Co., Boston, Mass.

6262— Holders (Punch)

Cleveland Punch & Shear Works Co., 3921
St. Clair av, N E, Cleveland, O.
Cleveland Steel Tool Co., Cleveland, O.

Holders (Rein)

See Holders, Dash Rein

6263— Holders (Rod)

National Sheet Metal Co., Peru, Ill.

Holders (Sack or Bag)

See Holders, Bag

Holders (Sad Iron)

See Handles, Sad Iron

6264— Holders (Sash)

Automatic Sash Holder Mfg. Co. (Auto-
matic), 50 Church, New York
Hart Sash Holder Co. ("Hart" Anti-Rat-
tler, Burglar Proof), Lexington, Mo.
Wagner Mfg. Co. ("Wagner," for Screen
& Storm Sash), Cedar Falls, Ia.

6265— Holders (Scraper)

Bishop Geo. H. & Co. (Cabinet Scraper),
Lawrenceburg, Ind.

6266-7— Holders (Shade or Globe)

Allen Shade Holder Co., 46 Cornhill, Bos-
ton, Mass.
American Brass & Copper Co. (Gas &
Electric), 138 Lafayette, New York
American Pin Co., Waterville, Waterbury,
Conn.

Hendricks' Commercial Register

is a Complete Regis-
ter of the manufac-
turers in lines of trade
that come within the
scope of the work.

The concerns who advertise, or
whose names are in bold face
type, are those who are able and
willing to do a National trade.
Write to them and mention

Hendricks' Commercial Register

American Ring Co., 531 Bank, Waterbury,
Conn.
Art Metal Mfg. Co. ("A-M"), E 61st &
Curtis av, Cleveland, O.
Benjamin Elec. Mfg. Co. (Nitrogen), 128
S Sangamon, Chicago, Ill.
Brandt-Dent Co., Watertown, Wis.
Bridgeport Brass Co., Bridgeport, Conn.
Bryant Electric Co. ("Uno" Electric),
Bridgeport, Conn.
Connecticut Electric Mfg. Co., Bridgeport,
Conn.
Crescent Brass Mfg. Co. (Nitrogen), 8410
Lake av, Cleveland, O.
Crouse-Hinds Co., Syracuse, N. Y.
Dale Lighting Fixture Co., 107 W 13th,
New York
Farries Mfg. Co., Decatur, Ill.
Fixture Spec. Co., Los Angeles, Cal.
Forg Peter Mfg. Co., Somerville, Mass.
Freeman E. H. Electric Co. ("Lyhne"),
Trenton, N. J.
Grady M. J. Mixture Mfg. Co. (Inverted),
608 1st av N, Minneapolis, Minn.
Gudeman & Co., 19 W 36th, New York
Harter Mfg. Co., 522 S Clinton, Chicago,
Ill.
Herwig Art Shade Lamp Co., 2140 N Hal-
sted, Chicago, Ill.
Hubbell Harvey Inc. ("Hubbell" Shade),
Bridgeport, Conn.
J-E-M Shade Holder Co. ("J-E-M" for
Incandescent Lights), 221 W 33d,
New York
Kraushaar Brass Mfg. Co. (Aluminum
Elec Reflector Shades & Holders Com-
bined, etc), 1112 Market, St. Louis,
Mo.
McFaddin H. G. & Co., 38 Warren, New
York
Manhattan Brass Co., 333 E. 26th, New
York
Mitchell Vance Co., 507 W 24th, New
York
Multi-Lux Illuminating Co., 6712 Union
av, Cleveland, O.
Peerless Light Co. ("Snap On"), 174 W
Randolph, Chicago, Ill.
Pittsburgh Metal Spinning & Stamping
Co. (Nitrogen), 400 Duquesne way,
Pittsburgh, Pa.
Pittsburgh Reflector & Illuminating Co.,
Pittsburgh, Pa.
Plume & Atwood Mfg. Co. (Gas & Elec-
tric Globe), Waterbury, Conn.
Remhof Chas., 375 Kent av, Brooklyn,
N. Y.
Safety Car Htg. & Ltg. Co., 2 Rector,
New York
Schaefer Brass Mfg. Co., 815 Clark av,
St. Louis, Mo.
Solar Elec. Co., 154 W Lake, Chicago, Ill.
Standard Brass & Bronze Mfg. Co.
(Nitrogen), 813 Liberty, Pittsburgh,
Pa.
Standard Metal Spinning Co. (Nitrogen),
138 Mott, New York
Steele & Johnson Mfg. Co., 779 So Main,
Waterbury, Conn.
Tregoning Electric Mfg. Co. (For Tung-
sten Lamps), Cleveland, O.
Turner & Seymour Mfg. Co. (Shade Only),
Torrington, Conn.
United Metal Spinning Co., 113 Mott, New
York
Waldo Co. ("Waldo" for Upright or Hang-
ing Bulbs), 45 E 20th, New York
Waterbury Mfg. Co., Waterbury, Conn.
Weber Brass Co. (Nitrogen), 1120 Prospect
av, Cleveland, O.
White Jas. H. Mfg. Co., 111 N 3d, Brook-
lyn, N. Y.
Wilson A. B. Co., Leader-News bldg, Cleve-
land, O.

6268— Holders (Sign)

Wallace Supplies Mfg. Co. ("Wallace" for
all Manner or Car Signs), 412 Orleans,
Chicago, Ill.

6269— Holders (Soda Glass)

Aldrich Mfg. Co. (Soda Glass), Buffalo,
N. Y.
Ray Geo. A. Mfg. Co. (Plated), Buffalo,
N. Y.

6270— Holders (Spice Jar)

Cassady Fairbank Mfg. Co. ("Sanitary"),
6126 S La Salle, Chicago, Ill.

6271— Holders (Stake)

Louden Machinery Co. (Malleable Iron &
Pressed Steel), Fairfield, Ia.
STANLEY WORKS (Wrought Steel), New
Britain, Conn.
See adv index at end of book

6272— Holders (Syrup)

Stuart & Peterson Co., Burlington, N. J.

Holders (Tap)

See Holders, Die & Tap

6272a—*Holders (Test Tube)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6273—Holders (Toilet Paper)

A. P. W. Paper Co. ("Onliwon," "A. P.
W." "Bob White," "Pure White,"
"Cross Cut" & "Equity"), Albany,
N. Y.
American Brass Novelty Co. ("Lokin"),
Grand Haven, Mich.
Bridgeport Hdwe. Mfg. Corp., Bridgeport,
Conn.
Cassady Fairbank Mfg. Co. ("Unique,"
"Stiles"), 6126 S La Salle, Chicago, Ill.
Columbus Brass Co., 538 Dublin av,
Columbus, O.
See adv index at end of book
Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.
Fanner Mfg. Co. ("Arctic"), Cleveland, O.
Fischer Bros. & Corwin, 238 South, New-
ark, N. J.
Flat O Roll Mfg. Co. ("Handy Roll," "Flat
O Roll"), Herkimer, N. Y.
Forsyth Metal Goods Co., E Aurora, N. Y.
Gardner L. H. Paper Co. ("Believe Me"),
Mumford, N. Y.
Hills Edwin (Rollers), Plainville, Conn.
Hutchins-Kilbourne Co., Buffalo, N. Y.
Morgan Envelope Co. Division ("Spring-
field" Oval), Springfield, Mass.
Novelty Mfg. Co. ("Wilwear"), Water-
bury, Conn.
Parker Chas. Co., Meriden, Conn.
Reading Saddle & Mfg. Co. ("Reading"),
Reading, Pa.
Res. Mfg. Co. ("Res"), 2907 Meinecke av,
Milwaukee, Wis.
Shelby Spring Hinge Co. ("Satin," "Silk,"
Steel & Brass), Shelby, O.
Streeter N. R. & Co. ("Sensible" Toilet
Paper Fixtures), Rochester, N. Y.
Sweeney W. H. Mfg. Co. ("Royal"), 30
Main, Brooklyn, N. Y.

6274— Holders (Tool, Etc.)

Alert Tool Co. (Knurling Tool, Hand &
Universal), 221 N 23d, Phila., Pa.
Allman Gas Engine & Machine Co. ("Mil-
ler" Lathe), 461 Canal, New York
American Tool & Machine Co. (Turret),
10 High, Boston, Mass.
Armstrong Bros. Tool Co. ("Armstrong"
Tool Holders for Turning, Boring,
Planing and Cutting Off Metals), 339
N Francisco av, Chicago, Ill.
Bardons & Oliver (Forming Tool Hold-
ers), Cleveland, O.
Bay State Tap & Die Co. ("Bay State,"
Die, Bit, Brace & Lathe), Mansfield,
Mass.
Beaman & Smith Co. (Safety Drill &
Tap), Providence, R. I.
Brown & Sharpe Mfg. Co. (For Screw Ma-
chines, etc), Providence, R. I.
Celfor Tool Co., Buchanan, Mich.
Cleveland Twist Drill Co. (Floating &
Turret), 1 E 49th, Cleveland, O.
Crescent Forgings Co. ("Lang" Turning,
Threading & Cutting-off; also Hold-
ers for Heavy Work), Oakmont, Pa.
Detroit Twist Drill Co. (Lathe Drill), 555
Fort, Detroit, Mich.
See adv index at end of book
Errington, F. A., 39 Cortlandt, New York
Geier P. A. Co. ("Geier" Boring Tool
Holder), 5112 St. Clair av N E, Cleve-
land, O.
Gisholt Machine Co., Madison, Wis.
Grant Mfg. & Machine Co. (Adjustable
Boring Tool Holder), Bridgeport,
Conn.
Hartford Machine Screw Co. (Machine
Tool), Hartford, Conn.
Keystone Equipment Co. ("Colton"
Lathe), 1825 Walnut, Phila., Pa.
Le Count Wm. G. (Chuck Drill), South
Norwalk, Conn.

Mingst C. P. (Lathe & Planer), Evansville, Ind.
 Modern Tool Co. (Die, Tap, etc), 500 State, Erie, Pa.
 Morgan Mfg. Co. ("Morgan's" Handy), Newport, R. I.
 O. K. Tool Holder Co. ("O. K."), Shelton, Conn.
 Pratt & Whitney Co., Hartford, Conn.
 Ready Tool Co. ("Red-E"), Bridgeport, Conn.
 Thompson H. G. & Son Co. ("Carr" Combination), New Haven, Conn.
 Union Tool Co. ("Hill," "Eberhardt"), Orange, Mass.
 Van Doren Mfg. Co. ("Vandor" Universal, for Lathe, Planer, Shaper, etc), 227 W Erie, Chicago Co. Heights, Ill.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.
 West Haven Mfg. Co. ("R. E. Colton's," for Lathe Tools), West Haven, Conn.
 Western Tool & Mfg. Co. ("The Champion"), Springfield, O.
 Williams J. H. & Co. ("Agrippa"), 156 Hamilton av, Brooklyn, N. Y.
WORCESTER FLEXIBLE TUBING COMPANY (Lath & "Efficiency" Planer), 63 Beacon, Worcester, Mass.
See adv index at end of book

6275—Holders (Tooth Brush)

Cassady Fairbank Mfg. Co. (Aluminum, Nickel Plated, etc), 6126 S La Salle, Chicago, Ill.
 Morgan Spring Co., Worcester, Mass.
 Res. Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.

6276—Holders (Tooth Pick)

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.
 Standard Aluminum Co. (Aluminum), Two Rivers, Wis.

6277—*Holders (Towel)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6278—Holders (Trace)

Fernald Mfg. Co. ("Fernald," Double), North East, Pa.
 Harsh-Miller Mfg. Co., Wabash, Ind.
 Humane Tug Post Co., 1639 S Wabash av, Chicago, Ill.

6279—Holders (Tumbler, Etc.)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
 Cline L. Mfg. Co., 1239 S Wabash av, Chicago, Ill.
 Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
 Dawson J. R. Mfg. Co., Fairhill Station, Philadelphia, Pa.
 Edwardsville Brass Co., Edwardsville, Ill.
 Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.
 Forsyth Metal Goods Co., E Aurora, N. Y.
 Garden City Plating & Mfg. Co. ("Kurtson"), 1430 S Talman av, Chicago, Ill.

Novelty Mfg. Co. ("Wilwear" Combination Tumbler & Soap Holder), Waterbury, Conn.
 Parker Chas. Co. (Bath Rooms, etc), Meriden, Conn.
 Ray Geo. A. Mfg. Co. (Nickel Plated), Buffalo, N. Y.
 Schlesinger Leo & Co. (Combination Tumbler & Soap), 66 Wooster, New York
 Searls Mfg. Co. ("Palette"), 29 Mulberry, Newark, N. J.
 Silver & Co. ("Silver"), 304 Hewes, Brooklyn, N. Y.
 Stephenson C. H. ("Stephenson"), Lynn, Mass.
 Sternau S. & Co., 160 John, Brooklyn, N. Y.
 Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

6280—Holders (Tumbler, Wire)

Bridgeport Wire Goods Co., East Port Chester, Conn.
 Hutchins-Kilbourne Co., Buffalo, N. Y.
 Morgan Spring Co., Worcester, Mass.
 National Mfg. Co. ("Natwire"), Worcester, Mass.
 Parker Wire Goods Co., Worcester, Mass.
 Wire Goods Co., Worcester, Mass.
 Woods-Sherwood Co., Worcester, Mass.

6281—Holders (Twine)

Intrastile Mfg. Co. ("Ideal"), Marietta, O.
 National Mfg. Co. ("Natwire" Wire), Worcester, Mass.
 New York Roll Wrapping Paper Co. ("Simplex" & "Popular"), 84 Beekman, New York
 Nicol & Co. (Improved Cone), 218 N Jefferson, Chicago, Ill.
 Streeter N. R. & Co. ("Sensible," also Reel Holder), Rochester, N. Y.
 Tatum Samuel C. Co. (& Paper Bag Combined), Cincinnati, O.
 Universal Winding Co. ("Walker"), Boston, Mass.
 Woods-Sherwood Co. (Wire Twine Baskets), Worcester, Mass.
 Wright-Cutter Co. ("Wright"), Orient av, Boston, Mass.

6282—Holders (Umbrella)

Clark W. J. Co., Salem, Ohio
 Lamb Geo. L., Nappanee, Ind.

6283—Holders (Whisk Broom)

American Ring Co., Waterbury, Conn.
 Arlington Co., 725 B'way, New York
 Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
 Du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York
 Kennebunk Mfg. Co., Rochester, N. H.
 Novelty Mfg. Co., Waterbury, Conn.

6284—Holders (Wire)

Fletcher Mfg. Co. ("Gem"), Dayton, O.

6285—Hollow Ware

See Enameled Ware; also Aluminum Hollow Ware; also sub-classifications following

6286—Hollow Ware (Cast Iron)

See also Hollow Ware, Stove
 Griswold Mfg. Co., Erie, Pa.
 Hardwick Stove Co. (Tea Kettles), Cleveland, Tenn.
 Wagner Mfg. Co., Sidney, Ohio

6287—Hollow Ware (Nickle Plated)

Aldrich Mfg. Co. (With Hinged Cover), Buffalo, N. Y.
 Farber S. W., 147 S 5th, Brooklyn, N. Y.
 Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

6288—Hollow Ware (Silver Plated)

Benedict Mfg. Co. (Also Flatware), East Syracuse, N. Y.
 Homan Mfg. Co., Findlay, Western & Hulbert av, Cincinnati, O.
 International Silver Co., 9 Maiden la, New York
 Rogers J. Silver Co., 356 W B'way, New York

6289—Hollow Ware (Stove)

Birmingham Stove & Range Co., Birmingham, Ala.
 Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.
 Gray & Dudley Hardware Co., Nashville, Tenn.
 Lodge Mfg. Co. (Cast Iron), S Pittsburg, Tenn.
 Phillips & Buttorff Mfg. Co., Nashville, Tenn.
 Southern Co-operative Foundry Co., Rome, Ga.

6290—Holsters (Gun & Pistol)

Abercrombie & Fitch Co., Madison av & 45th, New York
 Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.
 Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
 Cook E. C. & Bro. (Canvas), 1846 Carroll av, Chicago, Ill.
 Goodrich B. F. Co. (Rubber), Akron, O.
 Hodgman Rubber Co. (Rubber), 8 W 40th, New York
 Hoegee W. H. Co., Los Angeles, Cal.
 Mills Woven Cartridge Belt Co., Worcester, Mass.
 Pneumatic Mfg. Co., 290 Prospect pk, W. Brooklyn, N. Y.

6291—Homatropine

Hoffmann-LaRoche Chemical Works, 440 Washington, New York

6292—Hominy

See also Food, Cereal, Prepared, etc.
 American Hominy Co., Indianapolis, Ind.
 Baltimore Pearl Hominy Co., Howard & Stockholm, Baltimore, Md.
 Bishopp Hominy Co., Sheldon, Ill.
 Crete Mills, Crete, Nebraska
 H-O Company, Buffalo, N. Y.
 Hodapp Hominy Co., Seymour, Ind.
 Lea Milling Co., Wilmington, Del.



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6293-4—Hones (Razor)

American Hone Co., Olean, N. Y.
 Bracher Co., Belleville, N. J.
 Carborundum Co. (Carborundum & Natural Stone), Niagara Falls, N. Y.
 Dreescher S. R., 79 Warren, New York
 Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.
 Pike Mfg. Co., Pike, N. H.

Hoods (Automobile)

See Hoods, Motor

6295—Hoods (Forge)

Lourie Mfg. Co. ("Lourie—No-Smoke" Cast Iron, with Wind Shield), Springfield, Ill.
 Standard Sheet Metal Mfg. Co., Washington, Pa.

6296—Hoods (Galvanized Sheet Steel)

Banister A. W. Co., 421 Dorchester av, S Boston, Mass.

6297—Hoods (Grinding, Buffing & Polishing Wheel)

Cleveland Blow Pipe & Mfg. Co., 6302 Kinsman rd, Cleveland, Ohio.
 Kirk & Blum ("Economy"), York & Western avs, Cincinnati, O.
 Northern Blower Co., 4515 Storer av, Cleveland, O.
 Valley City Machine Works (Adjustable for Grinders), Grand Rapids, Mich.

6298—Hoods (Motor)

A. Z. Co., 527 W 56th, New York
 Auto Lamp & Radiator Co., Cleveland, O.
 Briscoe Mfg. Co., Detroit, Mich.
 Clayton & Lambert Mfg. Co., 205 Piquette av, E, Detroit, Mich.
 Detroit Carriage Goods Co., Detroit, Mich.
 Hayes Mfg. Co., Detroit, Mich.
 Kells W. J. Mfg. Co., 521 W 45th, New York
 Michigan Stamping Co., Detroit, Mich.
SAGINAW SHEET METAL WORKS, Saginaw, Mich.
 Springfield Body Co., Springfield, Mass.
 U. S. Aluminum Co., Oliver bldg, Pittsburgh, Pa.
 Universal Specialty Co., Leader-News bldg., Cleveland, O.
 Wright R. G. & Co., Buffalo, N. Y.
 York Corrugating Co., York, Pa.

6299—Hoods (Spray)

Atlantic Boat Co., Amesbury, Mass.
 McClellan Chas. P. ("Simplicity"), Fall River, Mass.
 Pneumatic Mfg. Co., 290 Prospect pk, W, Brooklyn, N. Y.
 Thomas Wm. E. & Co., 42 South, New York

6300—Hoods & Fixtures (Electric Lamp)

American Reflector & Lighting Co., 517 W Jackson blvd., Chicago, Ill.
 Brady Electric Mfg. Co., New Britain, Conn.
 Cutter Geo. Co., South Bend, Ind.
 Fletcher Mfg. Co., Dayton, O.
 Line Material Co., South Milwaukee, Wis.
 Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.
 National Metal Stamping & Mfg. Co. ("Tidman," "Chapin," "Columbian," "Marten," "Jersey," "Murray," "Tuxedo," "Tremont"), 494 Mulberry, Newark, N. J.
 Overbath & Ayres Mfg. Co. ("Oamco"), 411 S Clinton, Chicago, Ill.
 Phila. Electrical & Mfg. Co. ("Pemco" Copper Incandescent Street), 1236 N 31st, Philadelphia, Pa.
 Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

Hook-Gage

See Recorders, Water Level

6301—Hookaroons

American Logging Tool Co., Evart, Mich.
 Oshkosh Mfg. Co. (Axe Handle, etc), Oshkosh, Wis.

6302—Hooks (Agricultural)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6303—Hooks (Automatic Tripping)

LINK-BELT CO. (For Chain Sling), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

6304—Hooks (Awning)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.

See adv index at end of book
 Auer Jno. Jr. (Wrought), 197 Middle-town, Brooklyn, N. Y.
 Brewer Bros. Co. (Wrought Iron), 614 Filbert, Philadelphia, Pa.
 Humason & Beckley Mfg. Co. (Wrought), New Britain, Conn.
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.
 Parker Wire Goods Co. (Wire), Worcester, Mass.
 Townsend C. C. & E. P. Co., New Brighton, Pa.
 Wilcox, Crittenden & Co., Middletown, Conn.

6305—Hooks (Back Band)

American Mfg. Co. ("Boss," "Sure Grip" & "H & A"), Chattanooga, Tenn.
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

Hooks (Bale & Box)

See Hooks, Cotton, Box, etc

6306—Hooks (Barrel)

Auer Jno Jr. (Wrought, Barrel, or Can), 197 Middleton, Brooklyn, N. Y.
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.
 Wilcox, Crittenden & Co., Middletown, Conn.

6307—Hooks (Beam)

National Tube Co. (Chandelier), Frick bldg, Pittsburgh, Pa.
See adv index at end of book

Hooks (Belt)

See Belt Fasteners

6308—Hooks (Bench)

Buffum Tool Co. ("Swastika," Carpenters'), South Side, Louisiana, Mo.
 Goodell-Pratt Co., Greenfield, Mass.
 Jennings C. E. & Co., 71 Murray, New York
 Millers Falls Co., 28 Warren, New York
 Sargent & Company, New Haven, Conn.
 Smith, Seymour & Son (Reversible & Screw Adjusting), Oakville, Conn.
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

6309—Hooks (Bill File)

Barbee Wire & Iron Works, 172 N Dearborn, Chicago, Ill.
 Judd H. L. Co., 87 Chambers, New York
 Philadelphia Novelty Mfg. Co., 13th & Noble, Philadelphia, Pa.

6310—Hooks (Bird Cage)

Arcade Mfg. Co. (Swinging, etc), Freeport, Ill.
 Cassidy Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Hendryx Andrew B. Co., New Haven, Conn.
 Hutchins-Kilbourne Co. (Nickel Plated), Buffalo, N. Y.
 Judd H. L. Co., 87 Chambers, New York
 Landers, Frary & Clark, New Britain, Conn.
 Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. ("Worcester" Adjustable), Worcester, Mass.
 Peck, Stow & Wilcox Co., Southington Conn.

Penn Hardware Co., Reading, Pa.
 Pratt Wm. Mfg. Co., 35 W Lake, Chicago, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Stover Mfg. Co. ("Ideal"), Freeport, Ill.
 Turner & Seymour Mfg. Co., Torrington, Conn.
 Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
 Wire Goods Co., Worcester, Mass.
 Wrightsville Hardware Co., Wrightsville, Pa.

6311—Hooks (Block Yacht)

Laughlin Thos. Co., Portland, Me.
 Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.
 Merriman Bros., 185 Amory, Boston, Mass.

6312—Hooks (Boat & Mooring)

Durkee C. D. & Co. ("Jacobi"), 2 South, New York
 Force Chas. C. & Son, Madison, N. J.
 Laughlin Thos. Co., Portland, Me.
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 Marine Hardware Co., Peabody, Mass.
 New York Boat Oar Co., 69 West, New York
 Shelton Co., Derby, Conn.
 Wilcox, Crittenden & Co., Middletown, Conn.

Hooks (Box)

See Hooks, Cotton, Box, Hay, etc

6313—Hooks (Bush)

American Axe & Tool Co. (Strapped Eye, etc), Glassport, Pa.
 Black John B Co. ("Wm. Beatty & Sons" Ax-Handle, One & Two Rings), Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Collins Co., Collinsville, Conn.
 Dunn Edge Tool Co. ("Champion"), Oakland, Me.
 Evansville Tool Works, Evansville, Ind.
 Iwan Bros., Streator, Ill.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Plumb Fayette R., Tucker & James, Phila., Pa.
 Wadsworth David & Son, Auburn, N. Y.

Hooks (Button)

See Buttoners, Glove & Shoe

6314—Hooks (Cabin Door)

Corbin Cabinet Lock Co., New Britain, Conn.
 Dent Hardware Co., Fullerton, Pa.
 Durkee D. & Co., 2 South, New York
 Grammes L. F. & Sons, Allentown, Pa.
 Kell Francis & Son, 401 E 163d, New York
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Tiebout W. & J., 118 Chambers, New York

6314a—*Hooks (Cargo, Safety)

GERDES & CO., 42 Church, New York
See adv index at end of book

6315—Hooks (Carrying)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.
 Columbus Handle & Tool Co., Columbus, Ind.
 Dicke Tool Co., Downers Grove, Ill.
 Klein Maehias & Sons, 562 W Van Buren, Chicago, Ill.
 Oshkosh Mfg. Co., Oshkosh, Wis.

6316—Hooks (Ceiling & Chandelier)

Arcade Mfg. Co. ("Arcadian" Bronze), Freeport, Ill.
 Atlas Mfg. Co. ("Bradley"), New Haven, Conn.
 Champion Hardware Co. ("Champion" Ceiling), Geneva, O.
 Dent Hardware Co., Fullerton, Pa.
 Grey Iron Casting Co., Mt. Joy, Pa.

Hamblin & Russell Mfg. Co., Worcester, Mass.
 Jencks E. Mfg. Co. ("Eclipse," "Favorite"), Worcester, Mass.
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. ("King," "Queen," "Wire"), Worcester, Mass.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Shelby Spring Hinge Co. (Wire, Ceiling Only), Shelby, O.
 Stover Mfg. Co., Freeport, Ill.
 Susquehanna Casting Co., Wrightsville, Pa.
 Taylor & Boggis Foundry Co., Cleveland, O.
 Tiebout W. & J. (Brass & Bronze), 118 Chambers, New York
 Turner & Stanton Co., Norwich, Conn.
 Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
 Williamson C. T. Wire Novelty Co. (Wire), Badger av, Newark, N. J.
 Wire Goods Co., Worcester, Mass.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
 Wrightsville Hardware Co., Wrightsville, Pa.

6317—Hooks (Cellar Door Hinge)

Auer John Jr. (No Lead Into Cement), 197 Middleton, Brooklyn, N. Y.

6318—Hooks (Choker)

CLYDE IRON WORKS (For Log Skidding, etc.), Duluth, Minn.
See adv index at end of book

6319—Hooks (Clam)

American Fork & Hoe Co., Cleveland, O.
 Union Fork & Hoe Co., Columbus, O.

6320—Hooks (Clinker)

U. S. Wire Mat Co. ("U. S."), Decatur, Ill.

6321—Hooks (Clothes Line)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Franklin Brass Foundry Co. ("Perfection"), Reading, Pa.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Jencks E. Mfg. Co., Worcester, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co., Worcester, Mass.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Susquehanna Casting Co., Wrightsville, Pa.
 Swett A. L. Iron Works, Medina, N. Y.
 Tie Co. ("Holdfast" Tying Device), Unadilla, N. Y.
 Wilcox Crittenden & Co., Middletown, Conn.
 Wire Goods Co., Worcester, Mass.
 Wrightsville Hardware Co., Wrightsville, Pa.

6322—Hooks (Coat & Hat, Cast)

American Ring Co., Waterbury, Conn.
 Arcade Mfg. Co., Freeport, Ill.
 Backus Novelty Co. (Combination Lock), Smithport, Pa.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
 Brey & Krause Mfg. Co., Allentown, Pa.
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.
 Champion Hardware Co., Geneva, O.
 Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
 Corbin P. & F., New Britain, Conn.
 Dent Hardware Co., Fullerton, Pa.
 Enterprise Hardware Mfg. Co., Frederick, Md.
 Erie Art Metal Co., Erie, Pa.
 Frantz Mfg. Co., Sterling, Ill.

Grey Iron Casting Co., Mt. Joy, Pa.
 Hardware Supply Co., Grand Rapids, Mich.
 Landers, Frary & Clark, New Britain, Conn.
 McKenna Bros. Brass Co. (Cast Brass), 1st av & Ross, Pittsburgh, Pa.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*
 Nicol & Co., 218 N Jefferson, Chicago, Ill.
 Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
 Novelty Mfg. Co., Waterbury, Conn.
 Pacific Hardware Mfg. Co., Los Angeles, Cal.
 Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Penn Hardware Co., Reading, Pa.
 Phoenix Lock Works, 3d av, Newark, N. J.
 Reading Hardware Co., Reading, Pa.
 Reed & Prince Mfg. Co. (Cast Bronze & Brass), Worcester, Mass.
 Reflector & Hardware Specialty Mfg. Co. (Oxidized Copper), 2235 S Western av, Chicago, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
 Searls Mfg. Co. ("Palette"), 29 Mulberry, Newark, N. J.
 Shelby Spring Hinge Co. (& Wire), Shelby, Ohio
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
 Stover Mfg. Co., Freeport, Ill.
 Susquehanna Casting Co., Wrightsville, Pa.
 Taylor & Boggis Foundry Co., Cleveland, Ohio
 Tiebout W. & J., 118 Chambers, New York
 Weber-Knapp Co. (Brass), Jamestown, N. Y.
 Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.
 Wilcox, Crittenden & Co. (Galvanized Iron or Brass), Middletown, Conn.
 Williams A. C. Co., Ravenna, O.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
 Wrightsville Hardware Co., Wrightsville, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York

6323—Hooks (Coat & Hat, Wire)

Atlas Mfg. Co. ("Bradley," Metal Clasps), New Haven, Conn.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Champion Hardware Co., Geneva, O.
 Columbian Hardware Co. ("Gem" Anti-Rust), Cleveland, O.
 Columbus Brass Co., Columbus, O.
See adv index at end of book
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Jencks E. Mfg. Co. ("Crescent" & "Invisible"), Worcester, Mass.
 Morgan Spring Co. ("Eclipse," "King," "Vulcan"), Worcester, Mass.
 National Screw & Tack Co., Cleveland, O.
 Niles Mfg. Co., 216 S Jefferson, Chicago, Ill.
 Parker Wire Goods Co. ("King," "Vulcan"), Worcester, Mass.
 Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.
 Sharon Hardware Mfg. Co., Sharon, Pa.
 Shelby Spring Hinge Co., Shelby, O.
 Wire Goods Co. (Brass & Steel), Worcester, Mass.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.
 Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

6324—Hooks (Coke Scraper)

Mineral Ridge Mfg. Co., Mineral Ridge, O.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6325—Hooks (Conductor Pipe)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
 Berger Bros., 229 Arch, Phila., Pa.
 Berger L. D. Co., 59 N 2d, Phila., Pa.
 Berger Mfg. Co., Canton, O.
 Delphos Mfg. Co. ("Clincher"), 1st & Pierce, Delphos, O.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

Iwan Bros., South Bend, Ind.
 Klauer Mfg. Co. ("Faultless"), Dubuque, Ia.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.
See adv index at end of book
 Milwaukee Corrugating Co. ("Direct Drive"), Milwaukee, Wis.
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.
 Ohio Corrugating Co., Warren, O.
See adv index at end of book
 Reeves Mfg. Co., Dover, O.
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
 Vaughan & Bushnell Mfg. Co. ("V. & B" Drop Forged), 2114 Carroll av, Chicago, Ill.
 Whitaker-Glessner Co., Wheeling, W. Va.

6326—Hooks (Coring)

Emrich Phil, 824 Main, Cincinnati, O.

6327—Hooks (Corn)

See also Knives, Corn

American Axe & Tool Co., Glassport, Pa.
 American Fork & Hoe Co. ("Cut Easy," "Yankee," "Acme"), Cleveland, O.
 Clyde Cutlery Co., Clyde, O.
 Earle H. S. Mfg. Co., Detroit, Mich.
 Goodell Co. (Adjustable), Antrim, N. H.
 National Mfg. & Steel Supply Co., 15 River, Newark, N. J.
 North Wayne Tool Co. ("C. C. Brooks'"), Hallowell, Me.
 Wallingford Mfg. Co. ("Barden's 20th Century," "Carver's," "Handy," "Cyclone"), Wallingford, Vt.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6328—Hooks (Corner Bind)

American Logging Tool Co., Evart, Mich.

6329—Hooks (Cornice)

Auer John Jr. (Wrought Japanned), 197 Middleton, Brooklyn, N. Y.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Humason & Beckley Mfg. Co. (Hooks & Eyes), New Britain, Conn.
 Jencks E. Mfg. Co. (Bright Wire Hooks & Eyes), Worcester, Mass.
 Morgan Spring Co. (Hooks & Eye), Worcester, Mass.
 Parker Wire Goods Co. (Bright Wire), Worcester, Mass.

6330—Hooks (Cotton, Box, Hay, Etc.)

Bagshaw & Field, 455 N 5th, Phila., Pa.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Carver Tool Works, Spring Valley, N. Y.
 Drew C. & Co., Kingston, Mass.
 Duffy Mfg. Co. (Box only), 214 W Grand av, Chicago, Ill.
 Eagle Tool Works, Bayonne, N. J.
 Grammes L. F. & Sons, Allentown, Pa.
 Humason & Beckley Mfg. Co., New Britain, Conn.
 Johnson Wm. (Hedenberg Works), Newark, N. J.
 Kraeuter & Co., 583 18th av, Newark, N. J.
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
 Morgan Spring Co. (Bale), Worcester, Mass.
 Mostberger Iron Co., 878 S Division, Buffalo, N. Y.
 New London Vise Works (Bale, Box, Can, Barrel, etc), New London, Conn.
 Osborne C. S. & Co., Harrison, N. J.
 Peck, Stow & Wilcox Co., Southington, Conn.
 Sargent & Co. ("New Orleans" Pattern "Whitney," Cotton, etc), New Haven, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Underhill Hardware Co., Somerville, Mass.
 Vaughan & Bushnell Mfg. Co. ("V. & B." Wood or Steel Handle), 2114 Carroll av, Chicago, Ill.
 Watson's Forge & Machine Works ("Butler's"), 553 W 35th, New York
 Wilcox, Crittenden & Co., Middletown, Conn.
 Zering H. Mfg. Co., Cincinnati, O.

Hooks (Crane)

See Hooks, Hoist

6331—Hooks (Crate & Basket)

Holland Mfg. Co., Central av & Bank,
Baltimore, Md.
Morgan Spring Co. ("Eclipse"), Worces-
ter, Mass.

Hooks (Croquet)

See Croquet Sets

6332— Hooks (Desk)

Eagle Lock Co., Terryville, Conn.
Keystone Friction Hinge Co., Williamsport,
Pa.

6333— Hooks (Drapery)

Turner & Seymour Mfg. Co., Torrington,
Conn.

Hooks (Draymans')

See Hooks, Cotton, Box, Hay, etc.

6334— Hooks (Drive)

Grabler Mfg. Co., Cleveland, O.
Lanz M. & Sons, 2907 Carson, Pittsburgh,
Pa.
Morgan Spring Co., Worcester, Mass.

6334a— *Hooks (Ess)

EAST BANGOR MFG CO., Bangor, Pa.

6335— Hooks (Fire Pail)

Jencks E. Mfg. Co., Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
Reading Hardware Co., Reading, Pa.

6336— Hooks (Fish)

Abbey & Imbrie, 15 Warren, New York
Bings Weedless Fish Hook Co., Mil-
waukee, Wis.
Enterprise Mfg. Co. ("Pfueger"), Akron,
Ohio
Lothrop L. D. & Son ("Arthur James"
Imported), Gloucester, Mass.
Pardon Fish Hook Co., Owensboro, Ky.
Shakespeare Co., Kalamazoo, Mich.

6337— Hooks (Floor)

Lanz M. & Sons, 2907 Carson, Pittsburgh,
Pa.
MYERS F. E. & BRO., 800 Orange, Ash-
land, O.
See adv index at end of book
Oliver Iron & Steel Co., S 10th & Muriel,
Pittsburgh, Pa.

6338— Hooks (Gaff)

Bonafide Mfg. Co., Plymouth, Mich.
Meisselbach A. F. & Bros. ("Harrimac,"
"Good Luck," "M. & B."), 29 Con-
gress, Newark, N. J.
Redifor Rod & Reel Co. ("Ideal"), War-
ren, O.

Hooks (Gate)

See Hooks & Eyes, Gate.

6339— Hooks (Grab)

American Chain Co., Bridgeport, Conn.
American Hoist & Derrick Co. (Forged
Steel), St. Paul, Minn.
American Logging Tool Co., Evart, Mich.
Brunner & Lay (Hoisting & Stone Set-
ters' Grabs), 570 W Polk, Chicago, Ill.
Buffalo Contractors' Plant Corp., 131 Erie,
Buffalo, N. Y.
See adv index at end of book
Byers Jno F. Machine Co. (and Chain),
242 S Sycamore, Ravenna, O.
See adv index at end of book
Channon Jas H. Mfg. Co. (Steel Hooks &
Chains), 227 W Erie, Chicago, Ill.
Dobbie Foundry & Machine Co., Niagara
Falls, N. Y.
Hayden-Corbett Chain Co. (For Log
Chains, etc), Columbus, O.
See adv index at end of book
Sasgen Derrick Co. ("Sasgen" Stone
Grabs & Chain), 3101 W. Grand av,
Chicago, Ill.
See adv index at end of book

Street J. D. & Co. ("Her-K-ules" Flexible
Safety), 809 N 2nd, St. Louis, Mo.
Terry & Trench Co., Inc (Hook & Chain),
70 E 45th, New York
Wallingford Mfg. Co. ("Borden's"), Wall-
ingford, Vt.
Welmer Chain & Iron Co., Lebanon, Pa.
WOODHOUSE WM. CHAIN WORKS,
Horton, N. J.
See adv index at end of book

6340—Hooks (Grape Grubbing)

Munnsville Plow Co., Munnsville, N. Y.

6341— Hooks (Grapple)

American Logging Tool Co., Evart, Mich.
Oshkosh Mfg. Co., Oshkosh, Wis.
Warren Axe & Tool Co., Warren, Pa.

6342— Hooks (Grass)

American Axe & Tool Co., Glassport, Pa.,
& 253 B'way, New York
Atkins E. C. & Co., Indianapolis, Ind.
Bradley G. W. Axe & Tool Mfg. Co., New-
burgh, N. Y.
Columbian Cutlery Co., Reading, Pa.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dunn Edge Tool Co. ("Blue Ribbon,"
"Gypsy"), Oakland, Me.
Earle H. S. Mfg. Co. ("Little Giant"),
Detroit, Mich.
Henry & Allen, Auburn, N. Y.
Knickerbocker Mfg. Co. ("American,"
"New York"), Belleville, N. J.
North Wayne Tool Co. ("H. S. Earle's
Little Giant"), Hallowell, Me.
Wadsworth D. & Son, Auburn, N. Y.
Wallingford Mfg. Co. ("Barden's,"
"Ideal," "Gem"), Wallingford, Vt.
Washington Cutlery Co. ("Village Black-
smith"), Watertown, Wis.

6343— Hooks (Hame)

Hager C. & Sons Hinge Mfg. Co. (Wrought
Steel, Single & Double), St. Louis,
Mo.

6344— Hooks (Hammock)

Arcade Mfg. Co. (Hand Forged), Freeport,
Ill.
Brewer Bros. Co. (Wrought Iron), 614
Filbert, Phila., Pa.
Brooks M. S. & Sons (Wrought), Chester,
Conn.
Cleveland Galvanizing Works Co., E Cooper
av & Penna R R, Cleveland, Ohio
Corbin P. & F., New Britain, Conn.
Grey Iron Casting Co., Mt. Joy, Pa.
Jencks E. Mfg. Co. (Wrought), Worcester,
Mass.
Keystone Drop Forge Works (Drop
Forged), Chester, Pa.
Landers, Frary & Clark, New Britain,
Conn.
Morgan Spring Co. (Plate & Screw), Wor-
cester, Mass.
Palmer I. E. Co. (Adj.), Middletown,
Conn.
Parker Wire Goods Co. (Wrought), Wor-
cester, Mass.
Peck, Stow & Wilcox Co., Southington,
Conn.
Penn Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain,
Conn.
Sargent & Co., New Haven, Conn.
Tie Co. ("Holdfast" Tying Device), Una-
dilla, N. Y.
Wilcox, Crittenden & Co., Middletown,
Conn.
Wire Goods Co. (Wrought), Worcester,
Mass.
Wire Hardware Co., 6126 S La Salle, Chi-
cago, Ill.

6345— Hooks (Hanging)

Oliver Iron & Steel Co., S 10th & Muriel,
Pittsburgh, Pa.

6346— Hooks (Harness)

American Foundry & Mfg. Co., 11th &
Herbert, St. Louis, Mo.
Arcade Mfg. Co. (Japanned), Freeport,
Ill.
Brooks M. S. & Sons, Chester, Conn.
Columbus Chain Co., Columbus, O.
See adv index at end of book

Covert Mfg. Co., Troy, N. Y.
Frantz Mfg. Co., Sterling, Ill.
Frazer & Jones Co., Syracuse, N. Y.
Grey Iron Casting Co., Mt. Joy, Pa.
Hamblin & Russell Mfg. Co., Worcester,
Mass.

Imperial Bit & Snap Co. ("Imperial,"
"Swan's," etc), Racine, Wis.
Jenks E. Mfg. Co. (Steel Mill), Worcester,
Mass.

Kramer Bros. Foundry Co., Dayton, O.
Lawrence Bros. (Wrought Steel), Sterling,
Ill.

Loetscher-Ryan Mfg. Co., Dubuque, Ia.
Morgan Spring Co. ("Imperial"), Worces-
ter, Mass.

Ney Mfg. Co., Canton, O.
North & Judd Mfg. Co. ("Anchor
Brand"), New Britain, Conn.
Oliver Iron & Steel Co. (Hame Hooks),
S 10th & Muriel, Pittsburgh, Pa.
Parker Wire Goods Co., Worcester, Mass.
Peck, Stow & Wilcox Co., Southington,
Conn.

Penn Hardware Co., Reading, Pa.
Pratt Wm. E. Mfg. Co. (Pratt's Handy"),
35 W Lake, Chicago, Ill.

Reading Hardware Co., Reading, Pa.
Rockford Steel Fixture Co., Rockford, Ill.
Rubber & Celluloid Harness Trimming Co.
("Albright"), 56 Ferry, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain,
Conn.

Sargent & Co., New Haven, Conn.
Sharon Hdw. Mfg. Co. (All Steel Fold-
ing), Sharon, Pa.

SMITH F. P. WIRE & IRON WORKS

Lake & Dearborn, Chicago, Ill.
See adv index at end of book
Susquehanna Casting Co., Wrightsville,
Pa.

Swett A. L. Iron Works, Medina, N. Y.
Weller Hdw. & Fdry. Co., Horseheads,
N. Y.

Wire Goods Co. (Wire), Worcester, Mass.
Wrightsville Hardware Co., Wrightsville,
Pa.

6347— Hooks (Hitching)

Brewer Bros. Co. (Wrought Iron), 614
Filbert, Phila., Pa.
Steward & Romaine Mfg. Co. (Wrought
Iron), 124 N 6th, Phila., Pa.

6348— Hooks (Hog)

Buffum Tool Co. ("Swastika"), South
Side, Louisiana, Mo.

6349— Hooks (Hoist)

Allegheny Forging Co., 530 4th av, Pitts-
burgh, Pa.
American Chain Co., Bridgeport, Conn.
Anderson W. H. Tool & Supply Co., Brush
& Macomb, Detroit, Mich.
Cleveland City Forge & Iron Co. (Drop
Forged), Cleveland, O.
Dobbie Foundry & Machine Co., Niagara
Falls, N. Y.
Gerdes & Co., 42 Church, New York
See adv index at end of book
Keystone Drop Forge Works (Drop
Forged), Chester, Pa.
Ladish Drop Forge Co., Cudahy, Wis.
Western Tool & Forge Co. (With Eye &
Shank), Brackenridge, Pa.
Williams J. H. & Co. (Drop Forged), 156
Hamilton av, Brooklyn, N. Y.

6350— Hooks (Hoof)

Osborne C. S. & Co., Harrison, N. J.

6351— Hooks (Husking)

Boss Mfg. Co., Kewanee, Ill.
Clark R. F. ("Clark"), (Huskers Only),
54 W Lake, Chicago, Ill.

6352— Hooks (Ice)

Amer Fork & Hoe Co. (Steel), Cleveland,
Ohio
Columbus Handle & Tool Co., Columbus,
Ind.
Gifford-Wood Co., Hudson, N. Y.
Gruman Ice Tool Works, Branchville,
Conn.
Stortz John & Son, 210 Vine, Phila., Pa.

6353— Hooks (Insulated)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.
 Bissell F. Co. ("Security"), Toledo, O.
 Brooks M. S. & Sons, Chester, Conn.
 Cutter Geo. Co., South Bend, Ind.
DIAMOND EXPANSION BOLT CO.
 ("D-X," Bridle Rings), 89 West, New York
See adv index at end of book
 Line Material Co., So. Milwaukee, Wis.
 Pettingell, Andrews Co. ("O'Neil"), 166 Pearl, Boston, Mass.

Hooks (Jack)

See Hooks, Screw, Cup, etc

6354— Hooks (Ladder)

Auer John Jr. (Wrought Steel, also Step Ladder), 197 Middleton, Brooklyn, N. Y.
 Brewer Bros Co. (Wrought Iron), 614 Filbert, Phila., Pa.
 Moulton C. W. H. Co., Somerville, Mass.
 Taplin Mfg. Co., New Britain, Conn.
 Tilley John S. Ladders Co., Watervliet, N. Y.
 Underhill Hardware Co. (Adjustable), Somerville, Mass.

6355— Hooks (Lamp)

See Hooks, Ceiling & Chandelier

Hooks (Lift)

See Lifts, Sash

6356— Hooks (Lime)

Emrich Phil (Galv. Steel Wire), 824 Main, Cincinnati, O.

6357—*Hooks (Log Loading)

CLYDE IRON WORKS ("Crown"), Duluth, Minn. *See adv index at end of book*

6358—Hooks (Lug, Chain, Etc.)

See also Hooks, Lumbermen's

American Logging Tool Co., Evart, Mich.
 Oshkosh Mfg. Co. (Or Timber Carriers), Oshkosh, Wis.
 Warren Axe & Tool Co., Warren, Pa.

6359—Hooks (Lumbermen's)

American Chain Co., Bridgeport, Conn.
 American Logging Tool Co., Evart, Mich.
 Channon Jas. H. Mfg. Co. (Carrying), 227 W Erie, Chicago, Ill.
 Lufkin Foundry & Machine Co. ("Martin," Log Loading), Lufkin, Texas
 Oshkosh Mfg. Co. (Lug, Grappling, Swamp, etc.), Oshkosh, Wis.
 Sasgen Derrick Co. (Grappling or Log Hooks), 3101 W. Grand av, Chicago, Ill. *See adv index at end of book*
 Warren Axe & Tool Co. (Lug, Grapple, Swamp, etc), Warren Pa.

6360— Hooks (Meat)

Auer John Jr., 199 Middleton, Brooklyn, N. Y.
 Brecht Co., 1201 Cass av, St. Louis, Mo.
 Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
 Enterprise Mfg. Co. of Pa. (Detachable), 3d & Dauphin, Phila., Pa.
 Grabler Mfg. Co., Cleveland, O.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Humanson & Beckley Mfg. Co., New Britain, Conn.
 Jencks E. Mfg. Co. (Wrought), Worcester, Mass.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. (Wrought Drive & Screw), Worcester, Mass.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Sargent & Co., New Haven, Conn.
 Underhill Hardware Co., Somerville, Mass.
 Vaughan & Bushnell Mfg. Co. ("V. & B." Steel), 2114 Carroll av, Chicago, Ill.
 Wire Goods Co. (Wrought), Worcester, Mass.

6361— Hooks (Mine Car)

Weimer Chain & Iron Co., Lebanon, Pa.

Hooks (Moulding)

See Hooks, Picture

6362— Hooks (Mud)

Gemco Mfg. Co. ("Emergency" for Pneumatic Auto Tires), Milwaukee, Wis.

6363— Hooks (Packing)

Eagle Tool Works, Bayonne, N. J.
 Mound Tool Co., 1203 S 7th St. Louis, Mo.
STRONG MACHINERY & SUPPLY CO.
 ("Strong's" Lightning & Improved Old Style), 21 Walker, New York
See adv index at end of book
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

6364— Hooks (Picture)

American Ring Co., Waterbury, Conn.
 Auer John Jr. (Wrought), 199 Middleton, Brooklyn, N. Y.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
 Brooks M. S. & Sons (Also Brass Tassel Hooks, etc), Chester, Conn.
 Buffalo-Dehn Co. ("Anchor"), 70 W Chippewa, Buffalo, N. Y.
 Forsyth Metal Goods Co. ("Uncle Sam," "Beauty," "Big Giant," "Orient"), E Aurora, N. Y.
 Goertz August & Co. ("Handhook"), 276 Morris av, Newark, N. J.
 Hampden Mfg. Co. ("Hampden Hang-Ons" & "Hang-Ups"), 100 Fulton, New York
 Hendryx Andrew B. Co., New Haven, Conn.
 Jencks E. Mfg. Co., Worcester, Mass.
 Judd H. L. Co., 87 Chambers, New York
 Morgan Spring Co., Worcester, Mass.
 Novelty Mfg. Co., Waterbury, Conn.
 Parker Wire Goods Co. ("Franklin" Solid Brass, etc), Worcester, Mass.
 Richards Benj. & Co., Winsted, Conn.
 Turner & Seymour Mfg. Co., Torrington, Conn.
 Turner & Stanton Co. (Brass & Steel), Norwich, Conn.
 Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.
 Wire Goods Co. (Brass, etc.), Worcester, Mass.

6365— Hooks (Pipe)

See also Hangers, Pipe

Auer Jno Jr. (Wrought Drive for Gas or Soil Pipe), 197 Middleton, Brooklyn, N. Y.
 Berger Bros. Co., 229 Arch, Phila., Pa.
 Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
 Central Foundry Co., 90 West, New York
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Devlin Thos. Mfg. Co. ("Eclipse"), 3d & Lehigh av, Phila., Pa.
 Fee & Mason, 81 Beekman, New York
 General Fire Extinguisher Co., Providence, R. I.
 Grabler Mfg. Co. (Steel), Cleveland, O.
 Hammann Wm. ("O. K." Flashing), 1057 5th, Milwaukee, Wis.
 Jarecki Mfg. Co. (Hook, Expansion & Ring Plate, etc.) Erie, Pa.
 Lalance & Grosjean Mfg. Co., 299 B'way, New York
 Lange August K., 606 E 15th, New York
 Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.
 Moore Joshua, Marseilles, Ill.
 Mott J. L. Iron Works, Trenton, N. J.
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*
 Newbury Mfg. Co., Monroe, N. Y.
 New England Bolt Co. (Pipe Hooks), Everett, Mass.
 Reznor Mfg. Co., Mercer, Pa.
 Sargent & Co., New Haven, Conn.
 Walforth Mfg. Co., Boston, Mass.

6366— Hooks (Pivot)

Grey Iron Casting Co., Mt. Joy, Pa.

6367— Hooks (Plaster)

Berry Chas. E. ("Bery"), Sommerville, Mass.

6368—Hooks (Plumbers' Pot)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6369—Hooks (Pole, Fire Department)

Oshkosh Mfg. Co., Oshkosh, Wis.

6370—Hooks (Potato, Manure, Etc.)

American Fork & Hoe Co., Cleveland, O.
 Kohler F. E. Co. (Potato), Canton, O.
 Union Fork & Hoe Co., Columbus, O.

6371— Hooks (Pulley)

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

6372— Hooks (Razor Strop)

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Peck Hardware Mfg. Co. ("Presto"), Berlin, Wis.
 Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.
 Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.

6373—Hooks (Releasing, Life Boat)

Gerdes & Co., 42 Church St., New York
See adv index at end of book
 Kahnweiler's David Sons ("Wicks"), 260 Front, New York

6374—Hooks ("S" or "Eight")

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.
 Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
 Bridgeport Chain Co., Bridgeport, Conn.
 Brooks M. S. & Sons (Iron or Brass Wire), Chester, Conn.
 Cleveland Galvanizing Works Co., E Cooper av & Penna R R, Cleveland, O.
 Grammes L. F. & Sons, Allentown, Pa.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Jencks E. Mfg. Co. (Brass & Bright Wire), Worcester, Mass.
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
 Oneida Chain Co., Oneida, N. Y.
 Parker Wire Goods Co. (Wire & Wrought), Worcester, Mass.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Smith F. E. Metal Window Hardware Co., 81 Clay, Newark, N. J.
 Smith & Egge Mfg. Co., Bridgeport, Conn.
 Turner & Seymour Mfg. Co., Torrington, Conn.
 Wilcox, Crittenden & Co., Middletown, Conn.
 Wire Goods Co., Worcester, Mass.

6375—Hooks (Safety, for Mine Cages)

Wellman-Seaver-Morgan Co., Cleveland, O.

6376—Hooks (Sash Curtain Rod)

Jencks E. Mfg. Co. (Brass Plated, etc), Worcester, Mass.
 Parker Wire Goods Co. (Brass Plated Wire), Worcester, Mass.

6377— Hooks (Sash Pull)

Ives H. B. Co., New Haven, Conn.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.

Hooks (School House)

See Hooks, Coat & Hat

6378—Hooks (Screw, Cup, Etc.)

Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
 Brooks M. S. & Sons (Iron & Brass Wire), Chester, Conn.
 Etna Forge & Bolt Co., 803 House bldg, Pittsburgh, Pa.
 Grey Iron Casting Co., Mt. Joy, Pa.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
 Hamblin & Russell Mfg. Co., Worcester, Mass.

Hindley Mfg. Co. (Brass & Bright Wire), Valley Falls, N. Y.
 Humason & Beckley Mfg. Co., New Britain, Conn.
 Jencks E. Mfg. Co. (Brass & Bright Wire, Open Screw, Strap & Hook & Single & Double Jointed), Worcester, Mass.
 Lawrence Bros. (Wrought Steel), Sterling, Ill.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. (Bright Wire & Brass), Worcester, Mass.
 Pittsburgh Knife & Forge Co. (Forged), 709 Belmont, Pittsburgh, Pa.
 Richards Benj. & Co., Winsted, Conn.
 Turner & Seymour Mfg. Co., Torrington, Conn.
 Turner & Stanton Co., Norwich, Conn.
 Wilcox, Crittenden & Co., Middletown, Conn.
 Williamson C. T. Wire Novelty Co. (Wire), Badger av., Newark, N. J.
 Wire Goods Co. (Bright Wire & Brass Wire), Worcester, Mass.
 Wire Hardware Co. (Bright & Brass), 6126 S La Salle, Chicago, Ill.

6379—Hooks (Seat Spring)

American Mfg. Co. (Wagon), Chattanooga, Tenn.
 Harvey Spring & Forging Co., Racine, Wis.

6380—Hooks (Shackle, Chain, Etc.)

Cleveland Block Co., 1173 W 11th, Cleveland, O.
 Cleveland Chain & Mfg. Co., 2 A. B. C. R. R., Cleveland, O.
 Columbus Anvil & Forging Co., Columbus, Ohio
 Gerdes & Co. (Chain), 42 Church, New York. *See adv index at end of book*
 Keystone Drop Forge Works ("Keystone," Safety), Chester, Pa.
 Krein Chain Co., Wapakoneta, O.
 McMillan's W. H. Sons, 153 South, New York
 Welmer Chain & Iron Co., Lebanon, Pa.

6381—Hooks (Shave)

Bernz Otto, 21 Ashland av., Newark, N. J.
 Bissell F. Co. ("Security"), Toledo, Ohio
 Johnson Wm. (Hedenberg Works), Newark, N. J.
 Osborne C. S. & Co., Harrison, N. J.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Hooks (Shoe & Glove)

See Buttoners, Shoe & Glove

6382—Hooks (Sign)

Auer John Jr. (Wrought Sign or Jam), 197 Middleton, Brooklyn, N. Y.
 Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

Hooks (Singletree)

See Hooks, Whiffletree

6383—Hooks (Slip)

Welmer Chain & Iron Co., Lebanon, Pa.

6384—Hooks (Snap)

Draper & Hall Co. ("Hayes" Lock), Middletown, Conn.
EAST BANGOR MFG. CO., Bangor, Pa.
 Hayward S. F. & Co. (Fire Dept.), 250 W 54th, New York
 Wilson Robert P. (Double Ball-Bearing), 320 Market, Newark, N. J.

6385—Hooks (Stable Door)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

6386—Hooks (Stay Chain)

American Chain Co., Bridgeport, Conn.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6387—Hooks (Stone Hoist)

Welmer Chain & Iron Co., Lebanon, Pa.

6388—Hooks (Strap)

Jencks E. Mfg. Co., Worcester, Mass.
 Parker Wire Goods Co. (Single & Double Jointed & Screw, etc, Wire), Worcester, Mass.

6389—Hooks (Swamp)

American Logging Tool Co., Ewart, Mich.

6390—Hooks (Sweat Pad)

Thomson Judson L. Mfg. Co., Waltham, Mass.

6391—Hooks (Switch)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

6392—Hooks (Swivel)

American Logging Tool Co. (Evenner), Ewart, Mich.
 Oshkosh Mfg. Co. (Hooks & Rings), Oshkosh, Wis.
 Welmer Chain & Iron Co., Lebanon, Pa.
 Wilcox, Crittenden & Co. (Drop Forged), Middletown, Conn.

6393—Hooks ("T")

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.
 Jencks E. Mfg. Co., Worcester, Mass.
 Parker Wire Goods Co. (Plain & Bend Wire), Worcester, Mass.

6394—Hooks (Tag)

Grammes L. F. & Sons, Allentown, Pa.
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.

6395—Hooks (Tanners' Vat)

Emrich Phil, 824 Main, Cincinnati, O.

Hooks (Tassel)

See Hooks, Picture

6396—Hooks (Telephone Hanger)

Morgan Spring Co. ("Eclipse"), Worcester, Mass.

6397—Hooks (Tower)

Dent Hardware Co., Fullerton, Pa.

6398—Hooks (Towing)

Chase Machine Co. (Releasing), Cleveland, O.

6399—Hooks (Tubing or Casing)

Oil Well Supply Co. (Oil & Gas Well), 215 Water, Pittsburgh, Pa.
 Union Tool Co. (For Oil or Gas Wells), Los Angeles, Cal.

6400—Hooks (Tug)

Frazer & Jones Co., Syracuse, N. Y.
 North & Judd Mfg. Co. ("Hercules," etc), New Britain, Conn.

6401—Hooks (Wall)

Hampden Mfg. Co. ("Hang-Up"), 108 Fulton, New York

6402—Hooks (Wardrobe)

See Hooks, Coat & Hat Cast, Also Hooks, Coat & Hat Wire

6403—Hooks (Weeding)

See also Weeders, Garden & Lawn

Arcade Mfg. Co., Freeport, Ill.
 Hanow Spring Co., Milwaukee, Wis.
 Hills Edwin, Plainville, Conn.
 Kohler F. E. Co., Canton, O.
 Potter Mfg. Co. ("Secor's" Five Prong "Roys" Diamond Pattern), Geneva, O.
 Reading Saddle & Mfg. Co. (Malleable Iron, Enameled Handle), Reading, Pa.
 Rocky Hill Hardware Co., Rocky Hill, Conn.

6404—Hooks (Whiffletree)

Giblin & Co. ("Premium"), Utica, N. Y.
 Harvey Spring & Forging Co., Racine, Wis.
 Keystone Forging Co. (Drop Forged), Northumberland, Pa.

Paul & Fulton, 31 W Kinzie, Chicago, Ill.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
 Racine General Mfg. Co., Racine, Wis.

6405—Hooks (Window Pole)

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

6406—Hooks (Wire)

Brooks M. S. & Sons (All Kinds, Brass & Iron), Chester, Conn.
 Grammes L. F. & Sons, Allentown, Pa.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Jencks E. Mfg. Co., Worcester, Mass.
 Merritt F. M. ("Merritt" Grape Basket) Penn Yan, N. Y.
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.
 Parker Wire Goods Co., Worcester, Mass.
 Wire Goods Co. ("Drive"), Worcester, Mass.

6407—Hooks (Wire Rope)

ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.
See adv index at end of book

6408—Hooks (Wrecking)

National Malleable Castings Co. ("Goodman"), Cleveland, O.

6409—Hooks & Eyes (Brace)

Brewer Bros. Co. (Wrought Iron), 614 Filbert, Phila., Pa.

6410—Hooks & Eyes (Brass & Steel)

American Pin Co. ("Ampinco"), Waterbury, Conn.
 Jencks E. Mfg. Co., Worcester, Mass.
 Parker Wire Goods Co. (Bright Wire), Worcester, Mass.
 Wire Goods Co., Worcester, Mass.

6411—Hooks & Eyes (Dress)

American Pin Co. ("Ampinco"), Waterbury, Conn.
 Cassady Fairbank Mfg. Co. ("Ried"), 6126 S La Salle, Chicago, Ill.
 De Long Hook & Eye Co., Broad & Wallace, Phila., Pa.
 Francis Mfg. Co., Niagara Falls, N. Y.
 Hughes Mfg. Co., Rome, N. Y.
 Star Pin Co., Derby, Conn.
 Sterling Pin Co., Derby, Conn.
 U. S. A. Co., Shelton, Conn.
 West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.

6412—Hooks & Eyes (Gate)

Brooks M. S. & Sons, Chester, Conn.
 Buffum Tool Co. ("Swastika," Self-Locking), South Side, Louisiana, Mo.
 Covert Mfg. Co., Troy, N. Y.
 Covert Saddlery Works (Hooks & Staples), Interlaken, N. Y.
 Hamblin & Russell Mfg. Co., Worcester, Mass.
 Humason & Beckley Mfg. Co., New Britain, Conn.
 Jencks E. Mfg. Co. (Brass & Bright Wire, etc), Worcester, Mass.
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.
 Morgan Spring Co., Worcester, Mass.
 National Mfg. Co., Sterling, Ill.
 Parker Wire Goods Co. (Bright & Brass Wire), Worcester, Mass.
 Sargent & Co., New Haven, Conn.
 Wagner Mfg. Co. (Bright Wire), Cedar Falls, Ia.
 Wire Goods Co., Worcester, Mass.

6413—Hooks & Eyes (Tent)

Wilcox, Crittenden & Co. (Brass), Middletown, Conn.

6414—Hooks & Eyes (Wire)

Hamblin & Russell Mfg. Co., Worcester, Mass.
 Jencks E. Mfg. Co. (Brass & Bright Wire), Worcester, Mass.
 Morgan Spring Co., Worcester, Mass.
 Parker Wire Goods Co. (Bright), Worcester, Mass.
 Seneca Wire & Mfg. Co., Fostoria, O.
See adv index at end of book
 Sterling Pin Co., Derby, Conn.
 Wagner Mfg. Co. (Bright), Cedar Falls, Iowa
 Wire Goods Co. (Bright), Worcester, Mass.

6415—Hooks & Rings (Plate)

Wilcox, Crittenden & Co., Middletown, Conn.

6416—Hooks & Staples (Wrought Steel)

Humason & Beckley Mfg. Co., New Britain, Conn.
 Lawrence Bros., Sterling, Ill.
 McKinney Mfg. Co., Pittsburgh, Pa.
 National Mfg. Co., Sterling, Ill.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book

6417—Hooks & Tees (Chain)

New Castle Steel & Iron Co., Pittsburgh, Pa.

6418—Hoops (Coiled Elm)

Adams D. L., Portland, Ind.
 American Cooperage Co., Helena, Ark.
 Auglaize Cooperage & Lbr. Co., Minster, O.
 Decatur Hoop & Lumber Co., Decatur, Mich.
 Des Arc Hoop & Lumber Co., Des Arc, Ark.
 Dyersburg Hoop Co., Dyersburg, Tenn.
 Franklin Coil Hoop Co., Franklin, Ind.
 Hampton Stock Farm Co., Glenwood, Mich.
 Ideal Hoop Co., Ashtabula, O.
 Marston Cooperage Co., Marston, Mo.
 Michigan Hoop & Stave Co., Marinette, Wis.
 Morrison W. E., Poplar Bluff, Mo.
 Pelican Cooperage & Lumber Co. (Ltd.), Mound, La.
 Rex Hoop, Stave & Heading Co., Helena, Ark.
 Sheline E. R. & Son, Edon, O.
 Smith M. C., Moorhead, Miss.
 Standard Hoop Co., Bay City, Mich.
 Struthers Cooperage Co., Romeo, Mich.
 Tennessee Hoop Co., Memphis, Tenn.
 Union City Hoop & Lumber Co., Union City, Ind.
 Wylie J. T. & Co., Saginaw, Mich.

6418a—*Hoops (Embroidery)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6419—Hoops (Fish Net)

Smith G. W. & Son, Canterbury, Conn.

6420—Hoops (Mast)

Laughlin Thos. Co. (Galvanized Wrought Iron & Wood), Portland, Me.
 McMillan's W. H. Sons, 153 South, New York
 Moffitt J. D., Scotland, Conn.
 New York Boat Oar Co., 69 West, New York

6420a—*Hoops (Rolling)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6420b—*Hoops (Siege)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6421—Hoops (Slack Barrel)

Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.

6421a—*Hoops (Tambourine)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6421b—*Hoops (Toy Rolling)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6422—Hoops (Truss)

Cincinnati Truss Hoop Co. (Iron & Steel Barrel), 115 W 2d, Cincinnati, O.
 Frelinger J. G. Iron Works, 115 W 2d, Cincinnati, O.
 Nunning Frank & Son, 215 W 2d, Cincinnati, O.
 Wabash Truss Hoop Co. ("Champion"), Mt. Carmel, Ill.

6423—Hoops (Tub, Iron)

Weed & Co. ("Ever Ready"), Buffalo, N. Y.

6424—Hoops (Wire)

American Mfg. Co., Chattanooga, Tenn.
AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.
See adv index at end of book
 De Haven Mfg. Co. (Cold Rolled Steel), 50 Columbia Heights, Brooklyn, N. Y.

6425—Hoops & Bands (Welded Steel)

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
 Mott Wheel Works, Jackson, Mich.
STANDARD PARTS CO., W 73rd, Cleveland, Ohio. *See adv index at end of book*

6426—Hoppers (Ash, Cement & Coal)

American Bridge Co., 30 Church, New York
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg
For branch offices see adv index at end of book
 Columbiana Boiler Co., Columbiana, O.
DOVER BOILER WORKS, Sales Office; 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
 Kansas City Structural Steel Co. (Clement), Kansas City, Mo.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila, Pa. *See adv index at end of book*
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Mitchell-Tappen Co., 17 John, New York
 Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book

6427—Hoppers (Clay)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

6428—Hoppers (Closet)

Bellmark Co. (Porcelain), Trenton, N. J.
 Camden Pottery Co. (Porcelain), Camden, N. J.
 Indiana Hollow Ware Co. (Enameled), Jeffersonville, Ind.
 Jones Hollow Ware Co. (Porcelain Enameled), Forrest & Madison, Baltimore, Md.
 Kemp C. M. Mfg. Co. ("Climax" Anti Freezing), 405 E Oliver, Baltimore, Md.
 Maddocks Thos. Sons (Porcelain & Vitreous China), Trenton, N. J.
 N. J. China Pottery Co., Trenton, N. J.
 Resolute Pottery Co. (Porcelain), Trenton, N. J.
 Standard Mfg. Co. (Porcelain Enameled), 439 Water, Pittsburgh, Pa.
 Trenton Potteries Co. (Porcelain), Trenton, N. J.
 Wheeling Sanitary Mfg. Co. (Porcelain & Vitreous China), Wheeling, W. Va.

6429—Hoppers for Power Plants

Hamler Boiler & Tank Co., 3906 S Halsted, Chicago, Ill.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry., Philadelphia, Pa.
See adv index at end of book
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Pollock Wm. B. Co. (Large Capacity), Youngstown, O.
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Hoppers (Grain)

See Hoppers, Loading

6430—Hoppers (Loading)

Barnard & Leas Mfg. Co. (On Trucks, for Grain, etc), Moline, Ill.
 Dodge Sales & Engineering Co., Mishawaka, Ind.
 Insley Mfg. Co. (Portable & Controllable Car-Side for Sand & Gravel), 3500 E St. Clair, Indianapolis, Ind.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Philadelphia, Pa.
See adv index at end of book
 Webster Mfg. Co., Tiffin, O.

6431—Hoppers (Weighing)

Holmes Robt & Bros. (Coal), Danville, Ill.
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry., Philadelphia, Pa.
See adv index at end of book
 Pratt Engineering & Machine Co. (Dust), Atlanta, Ga.

6432—Hoppers & Bells (Furnace)

Marshall Foundry Co., Pittsburgh, Pa.
 Weimer Machine Works Co., Lebanon, Pa.

6433—Horns (Automobile)

Adams-Bagnall Electric Co. ("A. B. Trumpet"), Cleveland, O.
 American Electric Co. ("Samson" Automobile Motorcycle & Motorboat, Electric & Hand Operated), 6401 S State, Chicago, Ill.
 American Watch Tool Co., Waltham, Mass.
 Automobile Supply Mfg. Co. ("Newtone," "Rubes," "Electra," "Apollo," Electric), 220 Taaffe pl, Brooklyn, N. Y.
 Barco Brass & Joint Co. (Exhaust), 212 W Illinois, Chicago, Ill.
 Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
 Duplex Electric Mfg. Co. ("Safeguard" Electric), 5125 Coral, Pittsburgh, Pa.
 E. A. Laboratories (Mechanical), 80 Broadway, Chicago, Ill.
 Electric Horn & Specialty Co. ("Oneida" Electric), Utica, N. Y.
 Electric Spark Appliance Co. ("Olympic" Electric), 140 Imlay, Brooklyn, N. Y.
 Fitzgerald Mfg. Co. ("Clerio" Electric), Torrington, Conn.
 Flanders Co. ("Flanders" Electric), Detroit, Mich.
 Fowler Lamp & Mfg. Co. ("Fowler" All Metal Horn & Whistle Blower), 59 E 24th, Chicago, Ill.
 Fulton Co. ("Aermore" Exhaust), 726 National av, Milwaukee, Wis.
 Gabriel Mfg. Co., Cleveland, O.
 Garford Mfg. Co. ("Rexo," Hand Horn, "Electric," Small Lamp, Motor Horn), Elyria, O.
 Gilliam Co., Canton, O.
 Hawthorne Mfg. Co. ("Hawthorne") Vibrator, Bridgeport, Conn.
 Heinze Electric Co. (Mechanical), Lowell, Mass.
 Hipwell Mfg. Co. (Electric), 831 W North av, Pittsburgh, Pa.
 Holtzer-Cabot Electric Co. ("Autobis," "Reacto" Electric), Brookline, Mass.
 Kales-Haskel Co. ("Ka-Ha-Co."), 443 Lafayette av, Detroit, Mich.
 Kent Atwater Mfg. Works ("Monoplex" Electric), 4937 Stenton, Phila., Pa.
 Lovell-McConnell Mfg. Co. ("Klaxon"), 194 Wright, Newark, N. J.
 Manhattan Electrical Supply Co. ("Mesco" Electric), 17 Park pl, New York
 Miller Chas. E. (Imp), 97 Reade, New York
 Monarch Tool & Machinery Co. ("Monarch" Exhaust), 1901 S Western av, Chicago, Ill.
 Motor Car Equip. Co., 19 W 62d, New York
 Nonpareil Horn Mfg. Co. ("Pilot," "Cubit," Electric), 73 Wooster, New York
 Novelty Mfg. Co. ("Novelco"), Waterbury, Conn.
 Oakes Co., The ("Beartone" Fan Horn), Indianapolis, Ind.
 O'Brien Electrophone Co. ("Mogul" "Elektron" Electric), Howell, Me.
 Piel G. Co. ("Long"), 29 13th, Long Island City, N. Y.

Post & Lester Co. ("Voller"), Hartford, Conn.
 Premier Electric Co. ("Repello," "Hi-Lo" Electric), 1123 S Wabash av, Chicago, Ill.
 Randall-Falchney Co. ("Jubilee," "Jericho"), Boston, Mass.
 Riley-Klotz Mfg. Co. (Also Bicycle, Tricycle, etc), 17 Mulberry, Newark, N. J.
 Russell Electric Co. ("Saxon," "Russell-Hammer," "Tresco" Electric), Danbury, Conn.
 Sears-Cross Co. ("Thunder"), Bush Terminal, Brooklyn, N. Y.
 Seiss Mfg. Co. ("Root-O-U-T" Bicycle), Toledo, O.
 Sireno Co. (Electric), 20 Rose, New York
 Sparks-Withington Co. ("Sparton" Electric), Jackson, Mich.
 Standard Metal Mfg. Co. ("Cygnet"), 237 Chestnut, Newark, N. J.
 Stewart-Warner Speedometer Corp. (Hand & Motor Driven), 1826 Diversey Parkway, Chicago, Ill.
 Superior Lamp Mfg. Co. (Electric), 136 W 52d, New York
 Talking Horn Co. (Mechanical), Middletown, N. Y.
 Troy Auto Specialty Co. ("Exo"), Troy, N. Y.
 Typhoon Signal Co. (Electric), 20 Chicago, Lincoln, Ill.
 Vernon Mfg. Co., Los Angeles, Cal.
 Warner Electric Co. (Electric), Muncie, Ind.
 Willis E. J. Co., 85 Chambers, New York

Horns (Bicycle)

See Horns, Automobile

6434—Horns (Cattle)

Wilson & Co., 41st & Ashland av, Chicago, Ill.

6435—Horns (Dinner)

Central Stamping Co., 172 Fulton, New York
 National Enameling & Stamping Co., 411 5th av, New York

6436—Horns (Electrical)

American Model & Instrument Co. ("Amico"), 54 Commercial, Worcester, Mass.
 Duplex Elec. Mfg. Co., 5125 Coral, Pittsburgh, Pa.
 E. A. Laboratories, 80 B'way, Brooklyn, N. Y.
 Elec'l Sales Co., 176 Federal, Boston, Mass.
 Federal Sign System, 640 W Lake, Chicago, Ill.
 Garford Mfg. Co., Elyria, O.
 Heath Siren Mfg. Co., San Francisco, Cal.
 Holtzer-Cabot Electric Co., Brookline, Mass.
 Klaxon Co., 194 Wright, Newark, N. J.
 Lincoln Metal Products Co., Lincoln, Ill.
MEAD ELECTRIC SIGNAL CO., 2056 E 4th, Cleveland, O.
 O'Brien Electrophor Co., Hallowell, Me.
 Stewart-Warner Speedometer Corp., 1312 S Michigan av, Chicago, Ill.
 Studebaker Geo. M. Jr., So. Bend, Ind.
 Trinity Bell Elec. Mfg. Co., 216 W Kinzie, Chicago, Ill.

6437—Horns (Fog)

See also Whistles, Automobiles & Motor Boat

American Model & Instrument Co. ("Amico"), Worcester, Mass.
 Dover Stamping & Mfg. Co. ("Dover"), Cambridge, Mass.

Lothrop L. D. & Son, Gloucester, Mass.
 Mason G. H. Co., 164A S Boston, Mass.
 Motor Car Equipment Co., 19 W 62d, New York
 National Enameling & Stamping Co., 411 5th av, New York

National Marine Lamp Co., Forestville, Conn.
 Willis E. J. Co., 85 Chambers, New York

6438—Horns (Phonograph)

Hawthorne Mfg. Co., Bridgeport, Conn.
 National Metal Stamping & Mfg. Co. ("Amplifying"), 494 Mulberry, Newark, N. J.
 Sheip & Vandegrift ("Music Master" Wood), 814 N Lawrence, Phila., Pa.
 Standard Metal Mfg. Co. ("Cygnet" Metal), 237 Chestnut, Newark, N. J.

6439—Horns (Tin, Carnival, Etc.)

Marks & Knoring Co. (Cardboard), 40 Winchester, Boston, Mass.
 Strauss Mfg. Co. (Cardboard), 7 W 22d, New York

6440—Horse Powers (Contractors')

American Hoist & Derrick Co. (Duplex Geared, etc), St. Paul, Minn.
 Browning Victor R. & Co., 17701 Lake Shore blvd, Cleveland, O.
See adv index at end of book
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

6441—Horse Powers (Sweep)

See also Horse Powers, Tread; also Powers, Dog, Sheep, etc; also Horse Powers, Contractors'

Alamo Iron Works, San Antonio, Tex.
 American Hoist & Derrick Co. (Duplex Geared, etc), St. Paul, Minn.
 Appleton Mfg. Co. ("Appleton," "New Prize," "Modern Hero"), Batavia, Ill.
 Aultman & Taylor Machinery Co., Mansfield, O.

Bell C. S. Co., Hillsboro, O.
 Cardwell Machine Co., 1900 E Cary, Richmond, Va.

Challenge Co. (Sweep "Challenge"), Batavia, Ill.

Clark C. L. ("Union," "Bay State"), St. Johnsbury, Vt.

Collins Plow Co. (4 to 6 Horse Triple Geared), Quincy, Ill.

Ellis Keystone Agricultural Works (Lever, Iron Frame "Keystone"), Pottstown, Pa.

Farquhar A. B. Co. (Ltd.), York, Pa.

Freeman Mfg. Co., Racine, Wis.

Gehl Bros. Mfg. Co. ("Climax," "Pitts"), West Bend, Wis.

Greenville Implement Co., Greenville, Mich.

Hamachek Frank ("Giant"), Kewaunee, Wis.

Harrison Machine Works, Belleville, Ill.

Hart Grain Weigher Co. (Steel), Peoria, Ill.

Heebner & Sons ("Superior"), Lansdale, Pa.

Hildreth Bros., Harvard, Mass.

Howell R. R. & Co., 31st av, Minneapolis, Minn.

Keystone Farm Machine Co., York, Pa.

Kline Lewis T., Alpena, Mich.

Lehr Agricultural Co., Fremont, O.

Lyon Iron Works, Green, N. Y.

McLain J. H. Co., Canton, O.

Marseilles Co. (And Jacks), East Moline, Ill.

New Winona Mfg. Co. ("Diamond" Sweep), Winona, Minn.

Portable Elevator Mfg. Co., Bloomington, Ill.

Rowell I. B. Co. ("Climax"), Waukesha, Wis.

Rumley M. Co. ("Dingee-Woodbury"), La Porte, Ind.

Sandwich Mfg. Co. ("Samson"), Sandwich, Ill.

Smalley Mfg. Co., Manitowoc, Wis.

Squier Geo. L. Mfg. Co., Buffalo, N. Y.

Stover Mfg. Co., Freeport, Ill.

Warner Elevator Mfg. Co., Warner, Ill.

Wenzelman Mfg. Co., Galesburg, Ill.

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

Wilder-Strong Implement Co., Monroe, Mich.

Woodsalak Jos., Algoma, Wis.

6442—Horse Powers (Tread)

Appleton Mfg. Co. ("Success"), Batavia, Ill.

Ellis Keystone Agricultural Works, Pottstown, Pa.

Farquhar A. B. Co. (Ltd.), York, Pa.

Gray's A. W. Sons, Middletown Springs, Vt.

Messinger Mfg. Co. ("The Reynolds" Horse or Baby), Tatamy, Pa.

Whitman Agricultural Co., St. Louis, Mo.

Horse Shoe Calks

See Toe Calks, Steel

6443—Horses (Steel Folding)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York

See adv index at end of book

6444—Horses (Towel)

Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.

6445—Hose (Acid)

Acme Rubber Mfg. Co., Trenton, N. J.
 American Metal Hose Co. ("American"), Waterbury, Conn.

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Combination Rubber Mfg. Co., Bloomfield, N. J.

Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.

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Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

Goodrich B. F. Co., Akron, O.

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.

Home Rubber Co., Trenton, N. J.

McIlroy Belting & Hose Co., Hammond, Ind.

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Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co., Trenton, N. J.

6446—Hose (Air Brake)

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Boston Woven Hose & Rubber Co., Cambridge, Mass.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Combination Rubber Mfg. Co., Bloomfield, N. J.

Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

Flexible Armored Hose Co. (& Air Signal), Buffalo, N. Y.

Goodrich B. F. & Co., Akron, O.

Gutta Percha & Rubber Mfg. Co. ("U. S.," "Maltese Cross"), 126 Duane, New York

Hamilton Rubber Mfg. Co., Trenton, N. J.

Home Rubber Co., Trenton, N. J.

Mechanical Rubber Co., 73 Reade, New York

N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

N. Y. Belting & Packing Co., 91 Chambers, New York

New York Rubber Co., Reade & Church, New York

Peerless Rubber Mfg. Co., 31 Warren, New York

Quaker City Rubber Co., 629 Market, Phila., Pa.

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Sprague Electric Works, 527 W 34th, New York

United & Globe Rubber Mfg. Co., Trenton, N. J.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.

WESTINGHOUSE TRACTION BRAKE CO., Pittsburgh, Pa.

Whitehead Bros. Rubber Co., Trenton, N. J.

Woven Steel Hose & Rubber Co., Trenton, N. J.

6447—Hose (Air Drill)

Boston Belting Co., 84 Linden Park, Boston, Mass.
 Boston Woven Hose & Rubber Co. ("Cowen," "Service," "Bull-Dog," "Iron-clad," "Invincible"), Cambridge, Mass.
 Cincinnati Rubber Mfg. Co., Cincinnati, O.
 Cleveland Pneumatic Tool Co. ("Bowes"), 6410 Hawthorne av., Cleveland, O.
 Combination Rubber Mfg. Co., Bloomfield, N. J.
 Continental Rubber Works, Erie, Pa.
 Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.

ELECTRIC HOSE & RUBBER CO. ("Barcus," "Colossus," "Electric," "Marvel," "Mineralite," "Pocomoke," "Supero," "Uganda," "Velvet"), 12th & Dure, Wilmington, Del.
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Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
 Flexible Armored Hose Co., Buffalo, N. Y.
 Goodrich B. F. Co., Akron, O.
 Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Ridgewood," "Wallabout"), 126 Duane, New York
 Hewitt Rubber Co., Buffalo, N. Y.
 Home Rubber Co., Trenton, N. J.
 Independent Pneumatic Tool Co., 1307 Michigan av., Chicago, Ill.
 Ingersoll-Rand Co., 11 B'way, New York
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 Mercer Rubber Co., 95 Broad, New York
 New York Belting & Packing Co., 91 Chambers, New York
NEW YORK RUBBER CO., 225 W Randolph, Chicago, Ill., & Reade & Church, New York.
 Peerless Rubber Mfg. Co., 31 Warren, New York
 Quaker City Rubber Co. ("Daniel's," "Ehonia," "Crown," "Aero," "Girard"), 629 Market, Phila., Pa.
 Revere Rubber Co., 60 High, Boston, Mass.
 Rock Products Equipment Corp., 42 Church, New York.
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 Thermoid Rubber Co. ("Trustoid"), Trenton, N. J.
 Voorhees Rubber Mfg. Co. ("Boreas"), 18 Bostwick av., Jersey City, N. J.
 Whitehead Bros. Rubber Co., Trenton, N. J.
 Woven Steel Hose & Rubber Co., Trenton, N. J.

6448—Hose (Braided)

American Metal Hose Co. ("American" Flexible Metallic), Waterbury, Conn.
 Boston Belting Co. ("Forsyth" & "Roxbro"), 84 Linden Park st, Boston, Mass.

ELECTRIC HOSE & RUBBER CO. ("Blacksnake," "Electric," "Marvel," "Red Snake," "Velvet" Continuous Length), 12th & Dure, Wilmington, Del.
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Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
 Home Rubber Co., Trenton, N. J.
 Mechanical Rubber Co., Cleveland, O.
 Whitehead Bros. Rubber Co., Trenton, N. J.

6449—Hose (Brewers')

See Hose, Garden, Steam, Mill, Etc.

6450—Hose Carriages & Carts

Abbot & Downing Co., Concord, N. H.
 American-LaFrance Fire Engine Co., Elmira, N. Y.
 Anderson Coupling & Fire Supply Co., Kansas City, Mo.
 Hayward S. F. & Co. (Hose Carts), 250 W 54th, New York.
 Maxim Motor Co., Middleboro, Mass.
 Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
 Pirsch Peter & Co., Kenosha, Wis.
 Stewart A. F., Rochester, N. Y.
 Wirt & Knox Mfg. Co. ("Knox," for Railroads, Mills, etc), 23d & York, Phila., Pa.
 Woodhouse Mfg. Co., 64 W B'way, New York

6451—Hose (Chemical Engine)

Boston Belting Co., 84 Linden Park st, Boston, Mass.
 Electric Hose & Rubber Co. ("Crusoe," "Electric," "Salome," "Supero," "Zenobia," "Marvel," "Velvet"), 12th & Dure, Wilmington, Del.
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 Empire Tire & Rubber Corp., East Trenton, N. J.
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 Flexible Armored Hose Co., Buffalo, N. Y.
 Gutta Percha & Rubber Mfg. Co. ("Baker Fabric," "Princeton," "Rescue," "Jax"), 126 Duane, New York
 Hewitt Rubber Co. (Engine & Tender), Buffalo, N. Y.
 Home Rubber Co., Trenton, N. J.
 Quaker City Rubber Co., 629 Market, Phila., Pa.
 Rex-Harris Fire Appliance Co., 39 E 19th, New York.
 Whitehead Bros. Rubber Co., Trenton, N. J.

6452—Hose Connections

See Couplings, Hose

6453—Hose (Corrugated Tender)

See Hose, Rubber

6454—Hose (Cotton)

Acme Rubber Mfg. Co. ("Admiral," "Commodore," "Ensign," "Gunner"), Trenton, N. J.
 Bay State Belting Co., 605 Atlantic av, Boston, Mass.
 Boston Belting Co. ("Niagara," "Imperial," "Phoenix," "Trimount," "Excelsior," "American Underwriters," "Linden"), 84 Linden Park st, Boston, Mass.
 Boston Woven Hose & Rubber Co. ("Boston Fire Jacket," "Bay State," "Jack-et," "Vigo," "Perfection," "Cowen," "Invincible," "Paramount," "O. K. Underwriters"), Cambridge, Mass.

Bowers Rubber Works ("Victor," "Reliance," "Guardian," "Defender," "Purple Line," "Casco," "Reo," "Surety"), 68 Sacramento, San Francisco, Cal.

Boyle Jno & Co., 112 Duane, New York
 Combination Rubber Mfg. Co., Bloomfield, N. J.
 Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
 Empire Tire & Rubber Corp. ("Empire's Best," "XX Extra," "Merrimac," "Model," "Monitor"), East Trenton, N. J. *See adv index at end of book*
 Eureka Fire Hose Mfg. Co. (Rubber Lined), 27 Barclay, New York
 Fabric Fire Hose Co., 127 Duane, New York

Goodrich B. F. Co., Akron, O.
 Gutta Percha & Rubber Mfg. Co. ("Baker Fabric," "Princeton," "Rescue," "Ajax"), 126 Duane, New York
 Hamilton Rubber Mfg. Co., Trenton, N. J.
 Hewitt Rubber Co., Buffalo, N. Y.
 Home Rubber Co., Trenton, N. J.
 Manhattan Rubber Co., Passaic, N. J.
 Mechanical Rubber Co., Cleveland, O.
 Mechanical Rubber Co. ("Franklin," "Vernon," "Columbian," "Randolph," "Calumet," "Amazon," "Sterling"), 73 Reade, New York

N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
 New York Belting & Packing Co., 91 Chambers, New York
 New York Rubber Co., Reade & Church, New York

Peerless Rubber Mfg. Co. (Rubber Lined), 31 Warren, New York
 Quaker City Rubber Co. (Rubber Lined), 629 Market, Phila., Pa.

Revere Rubber Co. (Rubber Lined, etc), 60 High, Boston, Mass.

United & Globe Rubber Mfg. Co., Trenton, N. J.

Voorhees Rubber Mfg. Co. (Marline & Cotton Woven Cover, "Lafayette," "Rex," "Cartaret," "Model," "Cornell," "Pennant"), 18 Bostwick av, Jersey City, N. J.

6455—Hose Couplings

See Couplings, Hose

6556—Hose (Dredging)

See Hose Submarine, also Hose, Rubber

6457—Hose (Fire)

Acme Rubber Mfg. Co., Trenton, N. J.
 Beck Wm. & Chas., Lawrence, Mass.
 Bi-Lateral Fire Hose Co. ("Bi-Lateral"), 326 W Madison, Chicago, Ill.
 Boston Belting Co., 84 Linden Park, Boston, Mass.
 Boston Coupling Co. ("Reliance" Cotton Light & Heavy, etc), 156 Pearl, Boston, Mass.
 Boston Woven Hose & Rubber Co. ("Boston Fire Jacket," "Bay State," "Jack-et," "Vigo," "Perfection," "Cowen," "Paramount" & "Invincible," "O K," "Underwriters"), Cambridge, Mass.
 C. C. C. Fire Hose & Rubber Co., Canton Junction, Mass.

ELECTRIC HOSE & RUBBER CO.

Originators of 500 ft. Continuous Length, Moulded Hose

**RUBBER HOSE
FOR ALL
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Callahan Cornelius Co. (Cotton), 127 Purchase, Boston, Mass.
Chicago Fire Hose Co. (Cotton Rubber Lined), 124 W Lake, Chicago, Ill.
Cincinnati Rubber Mfg. Co., Cincinnati, O.
Combination Rubber Mfg. Co., Bloomfield, N. J.
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.

Empire Tire & Rubber Corp. ("Empire's Best," "XX Extra," "Merrimac," "Model," "Monitor," "A-1" & "Arrow" Cotton Rubber Lined; also Rubber), East Trenton, N. J.
See adv index at end of book

Eureka Fire Hose Mfg. Co. ("Eureka," "Paragon," "Red Cross," "Surprise Jacket," "Peerless Jacket," "Eagle," Cotton Rubber Lined; also Linen, Plain & Rubber Lined), 27 Barclay, New York

Fabric Fire Hose Co., 127 Duane, New York
Goodrich B. F. Co. ("Gray King" & "White King," Woven Cotton, Rubber Lined, etc), Akron, O.

Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Baker Fabric," "Ajax," "Princeton," "Rescue" Cotton Line & Rubber), 126 Duane, New York

Hamilton Rubber Mfg. Co., Trenton, N. J.
Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co., Trenton, N. J.
Jewell Belting Co., Hartford, Conn.
McIlroy Belting & Hose Co. ("Rubber-It" Linen), Hammond, Ind.

Manhattan Rubber Mfg. Co., Passaic, N. J.
Mechanical Rubber Co., Cleveland, O.
Mercer Rubber Co. (Rubber), Hamilton Sq., N. J.

Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.

N. J. Car Spring & Rubber Co. ("Tuebor," Rubber Lined, Cotton), 91 Brunswick, Jersey City, N. J.

N. Y. Belting & Packing Co. (Rubber & Cotton), 91 Chambers, New York
New York Rubber Co., Reade & Church, New York

Niedner's Chas. Sons Co. (Linen), Malden, Mass.

Peerless Rubber Mfg. Co., 31 Warren, New York

Quaker City Rubber Co. ("Quaker City"), 629 Market, Phila., Pa.

Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 60 High, Boston, Mass.
Rex-Harris Fire Appliance Co. (Linen & Rubber), 39 E. 19th, New York.

Roe & Conover, 206 Frelinghuysen av, Newark, N. J.

See adv index at end of book
Rossendale-Reddaway Belting & Hose Co. (Linen), Newark, N. J.

United & Globe Rubber Mfg. Co., Trenton, N. J.

Voorhees Rubber Mfg. Co. ("Rex," "Marshall," Cotton Rubber), 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co., Trenton, N.J.

6458—Hose (Flexible Metallic)

American Metal Hose Co. ("American"), Waterbury, Conn.

Col-mac Co., 250 South, Newark, N. J.

Dewes A. Co., 199 Lafayette, New York.

Electric Hose & Rubber Co. ("Cynis," "Electric," Gas & Gasoline), 12th & Dure, Wilmington, Del.

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Flexible Armored Hose Co., Buffalo, N. Y.

Goodyear Tire & Rubber Co. ("Kantkink") Akron, O.

Johns H. W.-Manville Co. ("J.-M."), Madison av & 41st, New York
METAL HOSE & TUBING CO. ("Triplexd," "XXX"), Raymond & Tillary, Brooklyn, N. Y.

Metallic Flexible Hose Co., 230 Varet, Brooklyn, N. Y.

Mulconroy Co. (All Metal in Brass, Bronze, Copper & Steel), 54th & Jefferson, Phila., Pa.

Pennsylvania Flexible Metallic Tubing Co. (Copper or Steel, High Pressure, with Asbestos Interlining), 201 N Broad, Phila., Pa.

STRONG MACHINERY & SUPPLY CO., 21 Walker, New York

See adv index at end of book

Strong's Flexible Metallic Hose

The main point of all business speakers to-day is "Efficiency." Strong's Flexible Metal Hose (Interlocking Contour) is "EFFICIENCY"—compared by every essential point required to test the word, "EFFICIENCY."



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For safety, economy, efficiency and service, use Strong's Flexible Metal (interlocking contour) Hose. This hose is made of bronze completely covered with braided armour wire, this reinforced with half round steel wire, its entire length, making a hose that is practically indestructible.

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U. S. Flexible Metallic Tubing Co. (Metal Hose), Los Angeles, Cal.
Voorhees Rubber Mfg. Co. (Armor), 18 Bostwick av, Jersey City, N. J.

6459—Hose (Flexible Steel Armored)

Sprague Electric Works (Steel Armored), 527 W 34th, New York

6460—Hose (Garden, Steam, Mill, Etc.)

See also Hose, Fire

Cotton and Rubber HOSE

For All Purposes

EMPIRE Rubber and Tire Co.

Main Office and Factory
EAST TRENTON, N. J.

See list of branch offices in
advertisers' index at
end of book

Acme Rubber Mfg. Co., Trenton, N. J.
American Metal Hose Co. ("American" Flexible Metallic, Steam & Mill), Waterbury, Conn.

Belmont Packing & Rubber Co. ("Belmont," Steam), 133 N 2d, Phila., Pa.

Boston Belting Co., 84 Linden Park, Boston, Mass.

Boston Woven Hose & Rubber Co. ("Bull Dog," "Good Luck," "Milo," "Tiger," "Leader," "Block Line," "Paramount," "Conservatory," "Garden," "Service," "Bay State," "Tiger Steam"), Cambridge, Mass.

Breeze Carbureter Co. (Steam), 250-52 South, Newark, N. J.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Combination Rubber Mfg. Co., Bloomfield, N. J.

Continental Rubber Works, Erie, Pa.

ELECTRIC HOSE & RUBBER CO.
Garden, Brewers' Hose & Water, "Blacksnake," "Christiana," "Delaware," "Delmarvia," "Electric," "Nocer," "Quintuple," "Supero," "Marvello," "Wilmington," "X," "XX," "XXX," "XXXX," "XXXXX," 12th & Dure, Wilmington, Del.

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Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.

Empire Tire & Rubber Corp. ("Empire's Best," "Merrimac," "Model," "Monitor," "Perfect," "Hop Toad," "Alabama," "Advance," "Amazon," "Eagle," "Diamond," "La Salle," "Hercules," "Chicago," "Vulcan," "High Test," "Greenhouse," "Hero," "Peninsular," "Rival," "King" & "Yale"), East Trenton, N. J.

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When writing to firms whose
names appear in this book
please mention

**HENDRICKS'
COMMERCIAL REGISTER.**

Eureka Fire Hose Mfg. Co. (Cotton & Linen), 27 Barclay, New York
Flexible Armored Hose Co. (Flexible Armored, for Steam, Gas, Oil & Water), Buffalo, N. Y.

Goodrich B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co. ("Maltese Cross Carbolized," "Wallabout," "Rescue," "Prospect," "Nassau," "Tempest," "Tornado," "Princeton," "Montauk," "Pyramid," "Flushing," "Long Length"), 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.
Home Rubber Co. (Rubber), Trenton, N. J.

Knowlton Geo. W. Rubber Co., 60 Pearl, Boston, Mass.

Manhattan Rubber Mfg. Co., Passaic, N. J.

Mechanical Rubber Co., Cleveland, O.

Mercer Rubber Co., Hamilton Sq., N. J.

Metal Hose & Tubing Co. ("Triplexd," "XXX"), Raymond & Tillary, Brooklyn, N. Y.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co., 91 Chambers, New York

NEW YORK RUBBER CO., 225 W Randolph, Chicago, Ill., & Reade & Church, New York

Neidner's Chas. Sons Co. (Linen), Malden, Mass.

Quaker City Rubber Co., 629 Market, Phila., Pa.

Republic Rubber Co., Youngstown, O.

Revere Rubber Co., 60 High, Boston, Mass.

Thermoid Rubber Co., Trenton, N. J.

United & Globe Rubber Mfg. Co., Trenton, N. J.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co., Trenton, N. J.

6461— *Hose (Gasoline)

METAL HOSE & TUBING CO. ("Triplexd," "XXX"), Raymond & Tillary, Brooklyn, N. Y.

6462— Hose (Linen)

Bay State Belting Co., 605 Atlantic av, Boston, Mass.

Boston Woven Hose & Rubber Co. ("Black Line," Service), Cambridge, Mass.

Callahan Cornelius Co., 127 Purchase, Boston, Mass.

Empire Mfg. Co., Lockport, N. Y.

Empire Tire & Rubber Corp. ("King," "Yale" & "Rival," Unlined), East Trenton, N. J.

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Eureka Fire Hose Mfg. Co. (Plain or Rubber Lined), 27 Barclay, New York

Fabric Fire Hose Co., 127 Duane, New York

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.

Manhattan Rubber Mfg. Co., Passaic, N. J.

New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co., 91 Chambers, New York

Niedner's Chas. Sons Co. (Fire), Malden, Mass.

Quaker City Rubber Co. (Underwriters), 629 Market, Phila., Pa.

Revere Rubber Co., 60 High, Boston, Mass.

Rex-Harris Fire Appliance Co. (Fire), 39 E 19th, New York

Rosendale-Reddaway Belting & Hose Co., Newark, N. J.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Woven Steel Hose & Rubber Co., Trenton, N. J.

6463— Hose (Metal)

See Hose, Flexible Metallic

6464— Hose (Mill)

See also Classification 6460

Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.

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6464a—*Hose (Oxy-Acetylene)

Electric Hose & Rubber Co. ("Electric"), 12th & Dure, Wilmington, Del.
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Hose (Pneumatic Tool)

See Hose, Air Drill

6465— Hose (Protected)

See Hose, Wire Wound

6466— Hose (Reels & Racks)

See Reels & Racks, Fire Hose

6467— Hose (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.
Akron Rubber Mold & Machine Co., Akron, O.

Boston Belting Co. ("Niagara," "Tri-mount," "Boston," "Universal," "Imperial," "Excelsior," "Roxbro," "Wearwell," "Elmwood," "Phoenix"), 84 Linden Park st, Boston, Mass.

Boston Woven Hose & Rubber Co. ("Damascus," "Bull Dog," "Boston Terrier," "Bay State," "Tiger," "Invincible," "Leader," "Dauntless," "Vim," "Helmet," "Cowen," "Ironclad," "Granger"), Cambridge, Mass.

Bowers Rubber Works ("Live Oak," "Seal Rock," "Sunset," "Bay City," "Native," "Sunproof," "Crackproof," "Klamath," "Gee Whiz," "Brook," "Golden Gate," "Smilax," "Jesomine," "Ivy," "Clemates," "Wisteria," "Poppy" & "Carnation"), 68 Sacramento, San Francisco, Cal.

C. C. C. Fire Hose Co., 2 Canton Jct., Mass.

Cincinnati Rubber Mfg. Co. ("Arno," "Bolivian," "Broncho," "Cincinnati," "Congo," "Losant," "Mezen," "Norika," "Norwood," "Pacemaker," "Sandow"), Cincinnati, O.

Combination Rubber Mfg. Co. ("Indestructene," "Franklin"), Bloomfield, N. J.

Continental Rubber Works, Erie, Pa.

Crescent Flexible Armour Co., Trenton, N. J.

ELECTRIC HOSE & RUBBER CO. (all brands), 12th & Dure, Wilmington, Del. *See adv index at end of book*

Empire Tire & Rubber Corp. ("Merricam," "Alabama," "Advance," "Amazon," "Monitor," "Eagle," "Model," "Empire's Best," "Diamond," "La Salle," "Greenhouse," "Hercules," "Chicago," "Vulcan," "Perfect," "Hero," "High Test" & "Peninsular"), East Trenton, N. J. *See adv index at end of book*

Fabric Fire Hose Co., 127 Duane, New York

Goodrich B. F. Co., Akron, O.

Goodyear Rubber Co. & Rubber Clothing Co. ("Gold Seal," "Pioneer"), 787 B'way, New York

Gutta Percha & Rubber Mfg. Co. ("Ridge-wood," "Wallabout," "Maltese Cross"), 126 Duane, New York

Hamilton Rubber Mfg. Co., Trenton, N. J.

Hewitt Rubber Co., Buffalo, N. Y.

Home Rubber Co. ("Black Seal," "Tiger," "White Cross," "World," "N. B. O."), Trenton, N. J.

Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York

Manhattan Rubber Mfg. Co., Passaic, N. J.

Mechanical Rubber Co. ("Monarch," "Bengal," "Beaver," "Competition," "Superior," "Chicago"), 307 W Randolph, Chicago, Ill.

Mechanical Rubber Co., Cleveland, O.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

National India Rubber Co. ("Anchor," "Bristol," "Aurora," "Fidelity," "National," "Narragansett," "Massasoit," "Red Oak," "Ruby," "Pontiac," "Saranac," "Sagamore," "Seekonk," "Seminole," "Wauregan"), Bristol, R. I.

New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co. ("1846 Para," "Carbon," "Double Diamond"), 91 Chambers, New York

New York Rubber Co. ("Wiccopee"), Reade & Church, New York

Peerless Rubber Mfg. Co. ("Anaconda," "Lake Side," "Blue Ribbon," "Rainbow," "Sterling," "Reliance," "American"), 31 Warren, New York

Quaker City Rubber Co., 629 Market, Phila., Pa.

Republic Rubber Co. ("Sioux," "Tower," "Chariot," "Hector," "Pedro," "Sanco," "Tonka," "Hydro," "Republic"), Youngstown, O.

Revere Rubber Co. ("Giant," "Granite," "Shawmut"), 60 High, Boston, Mass.

Rex-Harris Fire Appliance Co. (Fire & Garden), 39 E 19th, New York

Thermoid Rubber Co. ("Hercules," "Para," "White Crown"), Trenton, N. J.

Voorhees Rubber Mfg. Co. ("Bostwick," "Federal," "Pacific," "Sentinel," "Union," "Indian," "Celtic," "Saxon," "American," "Conqueror," "Contest"), 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co. ("Competition," "Thistle," "Juno," "Clover," "Golden Rod," "Ivory," "Long Life"), Trenton, N. J.

Woven Steel Hose & Cable Co. ("Protected"), Trenton, N. J.

6468— *Hose (Steam)

ELECTRIC HOSE & RUBBER CO. ("Brandywine," "Colossus," "Electric," "Supero," "Tarpon"), 12th & Dure, Wilmington, Del.

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ROCK PRODUCTS EQUIPMENT CORP., 42 Church, New York

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6469— *Hose (Steam Drill)

Ingersoll-Rand Co., 11 B'way, New York

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6470— Hose (Submarine)

Acme Rubber Mfg. Co., Trenton, N. J.

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Electric Hose & Rubber Co. ("Buoy," "Electric"), 12th & Dure, Wilmington, Del. *See adv index at end of book*

Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

Flexible Armored Hose Co., Buffalo, N. Y.

Goodrich B. F. Co., Akron, O.

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.

Home Rubber Co., Trenton, N. J.

Manhattan Rubber Mfg. Co., Passaic, N. J.

Republic Rubber Co., Youngstown, O.

Revere Rubber Co., 60 High, Boston, Mass.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

6471— Hose (Suction)

Acme Rubber Mfg. Co., Trenton, N. J.

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Boston Woven Hose & Rubber Co. ("Blue Bell," "Bay State," "Tiger," "Cowen," "Royal," "Harvester," "Gleaner," "Granger," "Wizard"), Cambridge, Mass.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Combination Rubber Mfg. Co., Bloomfield, N. J.

Continental Rubber Works, Erie, Pa.

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

ELECTRIC HOSE & RUBBER CO. ("Aelectric," "Christiana," "Colossus," "Standard," "Suple"), 12th & Dure, Wilmington, Del.

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Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

Flexible Armored Hose Co., Buffalo, N. Y.

Goodrich B. F. Co. (Extra Heavy), Akron, Ohio

Gutta Percha & Rubber Mfg. Co. ("Maltese Cross," "Wallabout," "Ridge-wood"), 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.

Home Rubber Co., Trenton, N. J.

Mercer Rubber Co., Hamilton sq, N. J.

Metal Hose & Tubing Co. ("Triplexd," "XXX"), Raymond & Tillary, Brooklyn, N. Y.

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

National Copper Refining Co., Cleveland, Ohio

New York Belting & Packing Co., 91 Chambers, New York

NEW YORK RUBBER CO., 225 W. Randolph, Chicago, Ill., & Reade & Church, New York

Peerless Rubber Mfg. Co., 31 Warren, New York
 Quaker City Rubber Co., 629 Market, Phila., Pa.
 Tremoid Rubber Co., Trenton, N. J.
 Whitehead Bros. Rubber Co. (Wire & Smooth Bore), Trenton, N. J.
 Woven Steel Hose & Rubber Co., Trenton, N. J.

6472—Hose (Tank)

See Hose, Garden, Steam, Mill, Etc.

6473—Hose (Vacuum Cleaner)

See Hose, Wire Wound

6474—Hose (Wire Wound)

Acme Rubber Mfg. Co., Trenton, N. J.
 American-Metal Hose Co. ("American"), Waterbury, Conn.
 Boston Belting Co., 84 Linden Park st, Boston, Mass.
 Boston Woven Hose & Rubber Co., Cambridge, Mass.
 Combination Rubber Mfg. Co., Bloomfield, N. J.
 Continental Rubber Works, Erie, Pa.
 Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
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Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*
 Goodrich B. F. Co., Akron, O.
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.
 Home Rubber Co., Trenton, N. J.
 Manhattan Rubber Mfg. Co., Passaic, N. J.
 Mechanical Rubber Co., Cleveland, O.
MYERS F. E. & BRO., 800 Orange, Ashland, O.

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National India Rubber Co., Bristol, R. I.
 New Jersey Car Spring & Rubber Co., 91 Bostwick, Jersey City, N. J.
 New York Belting & Packing Co., 91 Chambers, New York

New York Rubber Co., Reade & Church, New York
 Peerless Rubber Mfg. Co., 31 Warren, New York

Quaker City Rubber Co., 629 Market, Phila., Pa.
 Revere Rubber Co., 60 High, Boston, Mass.
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
 Whitehead Bros. Rubber Co., Trenton, N. J.

6475—Hosiery (Elastic, Surgical)

Bauer & Black, 45 W 25th, Chicago, Ill.
 Brown W. E., 39 Broad, Providence, R. I.
 Burton D. F., Pythian Temple, Cleveland, O.

Carter Wm. Co., Needham Heights, Mass.
 Chesterman & Streeter, 25 S 11th, Phila., Pa.

Common Sense Truss Co., 306 W Madison, Chicago, Ill.

Curtis & Spindell Co., Lynn, Mass.
 Flavell Geo. W. & Bro., 1011 Spring Garden, Phila., Pa.

Freeman Mfg. Co., Detroit, Mich.

Gorse F. W. Co., Needham Heights, Mass.

Gorse Wm. & Co., Needham Heights, Mass.

Hall W. A. Mfg. Co., St. Louis, Mo.

Hessler H. H., 38 Arcade, Cleveland, O.

Holmes Isaac, 3519 Zumstein av, Cincinnati, O.

Holmes John G., 111 S 8th, Phila., Pa.

Holmes O. H. (Seamless Cotton & Silk), Conshohocken, Pa.

Horn W. H. & Bro. ("Hornbro" Seamless, "Antler" Seamed), 435 N 3d, Phila., Pa.

Kendrick James R. Co., 125 Herman, Phila., Pa.

Ladd Geo. W. & Co., 147 Colorado av, Boston, Mass.

MacAdams Bros., 912 Walnut, Phila., Pa.

Norman Wm. Co. (Cotton & Silk), 1832 Ogden av, Chicago, Ill.

Ohio Truss Co., 12 E 9th, Cincinnati, O.

Pacific Surgical Mfg. Co., Los Angeles, Cal.

Parker Henry, 100 W 23d, New York

Rice E., St. Paul, Minn.

Sharp & Smith, 155 N Michigan av, Chicago, Ill.

Truax, Greene & Co., 171 N Wabash, Chicago, Ill.

Walton Thos S., Needham Heights, Mass.

Ware Mfg. Co. (Silk & Cotton), Camden, N. J.
 White C. W. & Co., 99 Court, Boston, Mass.

Wood S. C. & Son, Pittsfield, Mass.
 Worcester Elastic Stocking & Truss Co., Worcester, Mass.

6475a—Hospital Sheeting

Du Pont Fabrikoid Co., Wilmington, Del.
For branch offices see adv index at end of book

6476—Hot Soda Apparatus (Automatic)

Rowe L. L., 74 Portland, Boston, Mass.

6477—Hot Wells

WHEELER CONDENSER & ENGINEERING CO. (Indicating), Carteret, N. J.
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Hotel Cooking Apparatus

See Cooking Apparatus

6478—Hotel-Ware (Polished Steel, Etc.)

Burg E. F. (& Hotel Supplies), 224 W 1st, Duluth, Minn.

Cleveland Stamping & Tool Co. ("Solid Steel," Polished & Tinned), Cleveland, Ohio

National Enameling & Stamping Co. (Wrought Steel), 411 5th av, New York

Hotels Calls

See Annunciators

6479—Hounds (Bent)

Crane & MacMahon, 10 Bridge, New York
 Eureka Bending & Wheel Works, York, Pa.

Fort Smith Rim & Bow Co., Fort Smith, Ark.

Graham Thos. & Co., Madison, Ind.
 Kentucky Rim & Shaft Co., Louisville, Ky.

Kohler F. F., South Zanesville, O.

Lamb-Fish Lumber Co., Charleston, Miss.

Metropolis Bending Co., Metropolis, Ill.

Shepard H. G. & Sons, New Haven, Conn.

Skinner J. M. Bending Co., Toledo, O.

Wildermuth Bending Co., Columbus, O.

House Numbers

See Numbers & Letters, Metal

House Wreckers

See Building Materials, Second Hand

6480—House & Porch Trimmings Etc.

See Columns, Porch, Etc.; also Corner, Base & Head Blocks; also Doors, Hardwood & Veneered; also Grille, Fret & Lattice Work; also Interior Finish, Wholesale Manufacturers; also Lumber Manufacturers; also Mouldings, Various Kinds; also Ornaments, Wood; also Sash, Door & Blinds; also Stair Builders' Supplies; also Wood Turnings, Various Kinds

6481—Household Reminders

Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.

6482—Houses (Farrowing, Hog)

Kretchmer Mfg. Co., Council Bluffs, Ia.

6483—Houses (Knock-Down)

See also Portable Houses
 North American Construction Co., Bay City, Mich.

6484—Houses (Pole or Pilot)

Bissell F. Co. ("Security"), Toledo, O.
 Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.

Cook Frank B. Co., 326 W Madison, Chicago, Ill.

Nagel W. G. Electric Co. ("Ready"), Toledo, O.

6485—Housings (Axle)

BOSSERT CORPORATION, THE, Utica, N. Y. *See adv index at end of book*

Chicago Steel Foundry Co. (Cast Steel), 3201 S Kedzie av, Chicago, Ill.

Crosby Co., 183 Pratt, Buffalo, N. Y.

Detroit Pressed Steel Co. (Pressed Steel), Detroit, Mich.

Driggs-Seabury Ordnance Co., Sharon, Pa.

Lee & Porter Mfg. Co., Buchanan, Mich.

Worcester Pressed Steel Co., Worcester, Mass.

6486—Housings (Iron & Steel For Rolling Mills)

Mesta Machine Co., Pittsburgh, Pa.
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6487—Housings (Valve)

Clark H. W. Co., Mattoon, Ill.

6488-9—Hubs, Automobile (Ball & Roller Bearing)

American Ball Bearing Co., Cleveland, O.
 American Pulley Co., 4200 Wissahickon av, Phila., Pa.

Defiance Screw Machine Products Co., Defiance, O.

Harris & Reed, 1500 W 15th, Chicago, Ill.

Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.

Timken Roller Bearing Co., Canton, Ohio.

Weston-Mott Co., Flint, Mich.

Worcester Pressed Steel Co., Worcester, Mass.

6490—Hubs (Bicycle & Motor Cycle)

Corbin Screw Corp., New Britain, Conn.

Eclipse Machine Co. (Front & Rear), 18th, Elmira, N. Y.

Harris & Reed, 1500 W 15th, Chicago, Ill.

New Departure Mfg. Co. ("New Departure" Bicycle), Bristol, Conn.
See adv index at end of book

6491—Hubs (Carriage & Wagon Wheel)

Armstrong Wm. H., South Coventry, Conn.

Atkins Bros., Attoaway, Va.

Avoca Wheel Co. (Elm), Avoca, N. Y.

Bailey C. & Co., Elmsport, Pa.

Baldwin Bros. (Wagon), Ironton, Mo.

Baltimore Hub-Wheel & Mfg. Co., Flswy & Gy, Baltimore, Md.

Barden & Robeson, Penn Yan, N. Y.

Beveridge & Taylor, Bristol, Tenn.

Bookwalter Wheel Co., Miamisburg, O.

Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Philadelphia, Pa.

Buffington Wheel Co., Burlington, Ia.

Campbell M. R., Tullahoma, Tenn.

Clark-Gay Mfg. Co., Little Rock, Ark.

Cone Jos. D., North Vernon, Ind.

Crane & MacMahon, 10 Bridge, New York

Donges John & Co., Hamilton, O.

Eberly & Orris Mfg. Co., Mechanicsburg, Pa.

Fredericktown Lumber Co. (Wagon), Frederick, Mo.

Fulton, Conway & Co., Louisville, Ky.

Gladding C. B., Geneva, O.

Graham Thos. & Co., Madison, Ind.

Hawesville Hub Mfg. Co., Hawesville, Ky.

Holt Bros. Mfg. Co., Concord, N. H.

Hoopes Bros. & Darlington (Elm), West Chester, Pa.

Kellogg T. D. Lumber & Mfg. Co., Antigo, Wis.

Landis S. H. & Bro., Quakertown, Pa.

Lebzelter Phillip & Son Co., Lancaster, Pa.

Southern Wheel Stock Co., Ironton, O.
Standard Wheel Co., Terre Haute, Ind.
Stevens A. E. & Co., Portland, Me.
Tell City Spoke Co., Tell City, Ind.
Toledo Bending Co., Toledo, O.
Toledo Carriage Woodwork Co. (Elm),
Toledo, O.
Wheel & Wood Bending Co., Bridgeport,
Conn.
White Oak Hub Co., Vina, Ala.

6492—Hullers (Clover & Alfalfa)

Aultman & Taylor Machinery Co.
("Matchless"), Mansfield, O.
Avery Co. ("Yellow Fellow"), Peoria, Ill.
Birdsell Mfg. Co., South Bend, Ind.
Emerson-Brantingham Co. ("Reeves")
Feeder & Blower, "Geiser Peerless"),
Rockford, Ill.
Harder Mfg. Co., Cobleskill, N. Y.
Maytag Co., Newton, Ia.
Rumley M. Co. ("Gear-Scott," "Rumley"),
La Porte, Ind.
Westinghouse Co. ("Westinghouse"), Sche-
nectady, N. Y.

Hullers (Coffee & Rice)

See Rice & Coffee Hulling Machinery

6493—Hullers (Cotton Seed)

American Machine & Mfg. Co. (Self-Set-
ting), Greenville, S. C.
Bauer Bros. Co. (Disc), Bauer bldg.,
Springfield, O.
Cardwell Machine Co., Richmond, Va.
Chandler Construction Co., 31 State,
Boston, Mass.
Diamond Huller Co. ("Big Giant," "Mam-
mouth," "Diamond" Disc Huller &
Separator), Winona, Minn.
Empire Cotton Oil Co., Bainbridge, Ga.
French Oil Mill Machinery Co. ("Job"),
Piqua, O.
Murray Co., Dallas, Texas
Sprout, Waldron & Co. (Disk), 140 Canal,
Muncy, Pa.
Union Seed & Fertilizer Co., 65 Broadway,
New York

**6494—Hullers or Blanchers (Pea-
nut)**

Lambert Machine Co., Marshall, Mich.

6495—Hullers (Pea & Bean)

Avery Co. ("Avery," "Yellow Fellow"),
Peoria, Ill.
Chattanooga Implement & Mfg. Co.
("Royal" Pea), Chattanooga, Tenn.
Chisholm-Scott, Niagara Falls, N. Y.
Farquhar A. B. Co. (Ltd.), York, Pa.
Huber Mfg. Co., Marion, O.
Owens J. L. Co., Fulton & S E Huron,
Minneapolis, Minn.
Sprague Canning Machinery Co. (Can-
ners'), 222 N Wabash av, Chicago, Ill.
Westinghouse Co. ("Westinghouse"),
Schenectady, N. Y.

6496—Hullers (Strawberry)

Cassady Fairbank Mfg. Co. ("Mane-
hardt"), 6126 S La Salle, Chicago, Ill.
Crown Pitter Co., Cleveland, O.
Stephens, Windsor & Co. ("Nip-It"), Wal-
tham, Mass.
White Ira F. & Son Co., Bloomfield, N. J.

6497—Hulls (Steel Dredge, Etc.)

ELLICOTT MACHINE CORP., Bush &
Severin, Baltimore, Md.
See *adv index at end of book*
Fairbanks Steam Shovel Co., Marion, O.

**6498—Humidifiers (Cigar & To-
bacco)**

Bishop-Babcock-Becker Co. ("Humigars"),
Cleveland, O.
Bubeck & Guerin, 161 W 18th, New York
Griscorn-Russell Co., 92 West, New York
See *adv index at end of book*
Hawthorne Mfg. Co. ("Humidous"),
Bridgeport, Conn.

6499—Humidifying Apparatus

See also Moistening Apparatus, Air
American Blower Co., 1400 Russell, De-
troit, Mich.
American Moistening Co. ("Comins" Sec-
tional), 120 Franklin, Boston, Mass.
Besly Chas. H. & Co. ("Besly" for Abra-
sive Discs), 120-H N Clinton, Chicago,
Ill.

Briggs-Shaffner & Co. ("Hygrosso"), Win-
ston-Salem, N. C.
Carrier Air Conditioning Co., 39 Cortlandt,
New York
Clarage Fan Co., North & Porter, Kalama-
zoo, Mich.
Cramer Stuart W., Charlotte, N. C.
Duntley Products Sales Co., 343 S Dear-
born, Chicago, Ill.
Green Fuel Economizer Co., Matteawan,
N. Y.
Johnson Service Co. ("Johnson" Humi-
dostat), 153 Michigan, Milwaukee, Wis.
McCreary Engng. Co., Detroit, Mich.
Mineral Products Co. ("X Yno"), Rhine-
lander, Wis.
New England Ventilating & Heating Co.,
926 Manton av, Providence, R. I.
Parks G. M. Co. ("Turbo" Humidifier),
Fitchburg, Mass.
Schutte & Koerting Co., 1251 N 12th,
Phila., Pa.
STURTEVANT B. F. CO. ("Sturtevant"),
15 Damon, Hyde Park, Boston, Mass.
See *adv index at end of book*
Tillotson Humidifier Co., 78 Fountain,
Providence, R. I.
Wiese Elec'l Appliance Co., 4609 Lisbon
av., Milwaukee, Wis.

6500—Humiditors

Brown Specialty Machinery Co. (For Ra-
diators), 2440 W 22d, Chicago, Ill.
Bubeck & Guerin, 161 W 18th, New York

6500a—*Humidors (Cigar)

Estes E. B. & Sons, 358 5th av, New
York. See *adv index at end of book*

Humidostats

See Humidifying Apparatus

6501—Huskers & Shredders (Corn)

See also Pickers & Huskers, Corn
Adams Husker Co., Marysville, O.
Appleton Mfg. Co. ("Appleton"), Batavia,
Ill.

Case J. I. Threshing Machine Co., Racine,
Wis.

Clark R. F. ("Clark"), 54 W Lake, Chi-
cago, Ill.

Cleveland Lock Works ("Arm Saver"),
Cleveland, O.

**INTERNATIONAL HARVESTER COM-
PANY OF AMERICA (INC.)** ("Deer-
ing," "McCormick"), 702 Harvester
bldg., Chicago

See *adv index at end of book*

Invincible Grain Cleaner Co. (Huskers
Only), Silver Creek, N. Y.

Kolling Husker Works ("Kolling"), Ar-
lington Heights, Ill.

Maytag Co. ("Success"), Newton, Ia.

Milwaukee Hay Tool Co., Layton Park,
Milwaukee, Wis.

Ohio Cultivator Co., Bellevue, O.

Peerless Husker Co., 82 Terrace, Buffalo,
N. Y.

Port Huron Engine & Thresher Co., Port
Huron, Mich.

Rosenthal Corn Husker Co. ("Rosenthal"),
West Allis, Milwaukee, Wis.

Rumley M. Co. ("Adams," "Advance,"
Eight & Twelve Roll), La Porte, Ind.

Smalley Mfg. Co., Manitowoc, Wis.

Sprout Matt Co. ("Carey Perfect"), Sparta,
Ill.

U. S. Wind Engine & Pump Co. ("Stand-
ard"), Batavia, Ill.

Walker Mfg. Co., Council Bluffs, Ia.

Wallingford Mfg. Co. ("Excelsior"), Wal-
lingford, Vt.

Walrath Alphonso Co. (Trunk Tin & Iron
Huskers, etc), Fort Plain, N. Y.

6502—Hydrants (Dry Pipe)

Flint & Walling Mfg. Co., Kendallville, Ind.

6503—Hydrants (Fire)

American Foundry & Mfg. Co., 11th &
Herbert, St. Louis, Mo.

Beaumont Valve & Hydrant Works, Kan-
kakee, Ill.

Bourbon Copper & Brass Works, Cincin-
nati, O.

Cayuta Mfg. Co. ("K-U-T-A"), Sayre, Pa.

Chapman Valve Mfg. Co., Indian Orchard,
Mass.

Coffin Valve Co., Neponset, Boston, Mass.

Columbian Iron Works, Chattanooga, Tenn.

Darling Pump & Mfg. Co. (Ltd.), Williams-
port, Pa.

Douglas W. & B., Middletown, Conn.
Drummond M. J. & Co., 51 Chambers, New
York

Eddy Valve Co. (Post & Flush), Water-
ford, N. Y.

Garratt W. T. & Co., 299 Fremont, San
Francisco, Cal.

Glamorgan Pipe & Foundry Co., Lynch-
burg Va.

Howard Iron Works, Buffalo, N. Y.

Iowa Valve Co. ("Iowa"), Oskaloosa, Ia.

Kennedy Valve Mfg. Co., Elmira, N. Y.

Kupferle Jno. C. Foundry Co. ("Eclipse"),
1st & Wright, St. Louis, Mo.

Loetzer Valve & Mfg. Co. ("Loetzer" Com-
pression), Monroeton, Pa.

Ludlow Valve Mfg. Co., ft. of Adams,
Troy, N. Y.

Macungie Brass & Mfg. Co. ("Niagara,"
"Peerless" & "Anti-Freezing"), Ma-
cungie, Pa.

McKim Foundry & Machine Co.
("Hooker") Lockport, N. Y.

Myers F. E. & Bro., 800 Orange, Ashland,
O. See *adv index at end of book*

Norwood Engineering Co. ("Holyoke,"
"Walker"), Florence, Mass.

Pratt & Cady Co. ("P & C"), Hartford,
Conn.

Queens City Brass & Iron Works, Cin-
cinnati, O.

Rensselaer Valve Co. ("Corey"), Troy, N. Y.

Ross Valve Mfg. Co. (Portable), 9 Oak-
wood av, Troy, N. Y.

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Smith A. P. Mfg. Co. (High & Regular
Pressure), East Orange, N. J.

South Park Foundry & Machine Co., St.
Paul, Minn.

Stephens Roe Mfg. Co., Detroit, Mich.

Thompson J. & Co., Van Horn & Sophia,
Phila., Pa.

Walworth Mfg. Co., Boston, Mass.

Waterous Engine Works Co., 62 S Robert,
St. Paul, Minn.

Wood R. D. & Co. ("Mathews" High Pres-
sure), 400 Chestnut, Phila., Pa.

Worthington Pump & Machy. Corp., 115
B'way, New York

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Queen City Brass & Iron Works, Cincinnati, O.
 Quirin Jno. & Bro. (Street), St. Clair, Pa.
 Rumsey Pump Co., Ltd. ("Kaiser," "Favorite" & "Eagle"), Box J, Seneca Falls, N. Y.

See adv index at end of book
 Walworth Mfg. Co., Boston, Mass.
 Washington Pipe & Foundry Co., Tacoma, Wash.

6508—Hydrate (Ammonium)

General Chemical Co., 25 Broad, New York

Hydrate of Alumina

See Alumina

Hydrate of Barytes

See Barium Hydrate

6509—Hydraulic Rams

Barnes Mfg. Co., Mansfield, O.
 Columbus Pump Co., Columbiana, O.
 Comstock Geo. S. & Son, ("Kline"), Mechanicsburg, O.
 Crestline Mfg. Co. ("Crestline"), Crestline, Ohio

Crook H. E. Co., Inc., 28 Light, Baltimore, Md.

DEMING CO., Salem, O.

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Douglas W. & B., Middletown, Conn.
 Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.

Gawthrop Allen Jr., Wilmington, Del.
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Humphreys Mfg. Co., Mansfield, O.
 Kline Jas. M., Beavertown, Pa.

Love M. A. Mfg. Co., Rockford, Ill.
 MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

National Engng. & Equipment Co., Seattle, Wash.

Niagara Hydraulic Engine Co., Chester, Pa.

Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal.

Power Specialty Co. ("Foster"), 111 Broadway, New York

Rife Hydraulic Engine & Mfg. Co., 90 West, New York

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

Worthington Pump & Machy. Corp., 115 R'way, New York

6510—Hydriatic Apparatus

Mott L. J. Iron Works, Trenton, N. J.

6511—Hydro-Carbon

Lamson John S. & Bro., 80 Maiden lane, New York

Raven Mining Co. ("Kapak"), 140 S Dearborn, Chicago, Ill.

Scheel Wm. H. (Imp.), 159 Maiden lane, New York

6512—Hydrodeiks

Taylor Instrument Co.'s ("Tycos"), Rochester, N. Y.

See adv index at end of book

6513—Hydrogen

Air Reduction Sales Co., 120 Broadway, New York

6514—Hydrogrounds

Lord Mfg. Co., 105 W 40th, New York

6515—Hydrokineters

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

6516—Hydrometers

American Thermo-Ware Co. (Battery, for Storage Use), 16 Warren, New York

Berg James Mfg. Co., 3707 12th av, Brooklyn, N. Y.

Carbondale Instrument Co. (Oil, etc), Carbondale, Pa.

Du Vivier Ernest H., 30 Church, New York

Edelmann E. & Co. ("Break Not"), 341 E Ohio, Chicago, Ill.

Fimer & Amend, 205 3d av, New York

Freas Francis L., Conshohocken, Pa.

Greiner Emil Co., 55 Fulton, New York
 Haas Philip Co. ("Haas," etc), Dayton, O.
 Heil Henry Chemical Co., St. Louis, Mo.
 Hoehn R. Co., 31 Union sq., New York
 Huddleston J. S. F., 20 Devonshire, Boston, Mass.

Katz Wm. & Co., 179 Central av, Brooklyn, N. Y.

Kessling Edw., 96 Suydam, Brooklyn, N. Y.

Lenz Apparatus Co., 9 E 16th, New York

Phila. Thermometer Co., 9th & Arch, Phila., Pa.

Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.

Scientific Instrument Co., Detroit, Mich.

Simplex Hydrometer Co. ("Simplex" Acid, Battery-Meter, Thermo & Gasoline), Newark, N. J.

Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.

Storage Battery Supply Co., 239 E 27th, New York

Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

Tagliabue G. (Est. of), 302 Pearl, New York

Taylor Instrument Companies ("Tycos"), Rochester, N. Y.

See adv index at end of book

Vuille Chas. A., Huntingdon, Pa.

Wagner Carl H., 1944 N Albany av, Chicago, Ill.

Wagner Glass Works (Also Barometers), 697 E 132nd, New York

Weinhagen Henry, 159 Leonard, New York

Weiskopf A., 16 S Clinton, Chicago, Ill.

Weiss Albert A. & Co., 572 Gates av, Brooklyn, N. Y.

6517—Hydrone

Roessler & Hasslacher Chemical Co. (For Producing Hydrogen), 100 William, New York

6518—Hydrophants

Huddleston J. S. F., 20 Devonshire, Boston, Mass.

6519—Hydroquinene

General Chemical Co., 25 Broad, New York

6520—Hygrometers

Davis Instrument Mfg. Co. (Pocket), 110 W Fayette, Baltimore, Md.

Draper Mfg. Co., 152 Front, New York

FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro," Recording), Foxboro, Mass.

See adv index at end of book

Freas Francis L., Conshohocken, Pa.

Green Henry J. (Harr), 1191 Bedford av, Brooklyn, N. Y.

McCoy Joseph F. Co. ("Davis" Imported), 157 Chambers, New York

Philadelphia Thermometer Co. ("Masons," Wet & Dry Bulb), 9th & Arch, Phila., Pa.

Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.

Queen-Gray Co., 618 Chestnut, Phila., Pa.

Tagliabue Chas. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

Whitall, Tatum Co., 410 Race, Phila., Pa.

6521—Hyposulphate of Soda

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

6522—Hyposulphide of Lead

Doggett Stanley (Black, Imp), 11 Cliff, New York

6523—Hyposulphite of Soda

General Chemical Co., 25 Broad, New York

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

Mechling Bros. Mfg. Co., Camden, N. J.

Thomsen Chemical Co., Munsey bldg, Baltimore, M.

6524—Hypsometers or Thermo-Barometers

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

6525—*Ice Tanks & Pans

BIGGS BOILER WORKS CO., Case av & Williams, Akron, O.

See adv index at end of book

DOVER BOILER WORKS, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*

TREADWELL CONSTRUCTION CO., Midland, Pa.

See adv index at end of book

6526—Icing Systems (Refrigerator Car)

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

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6527—*Idlers (Belt Conveyor)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

6528—Idlers (Grooved)

Dow Wire & Iron Works, Louisville, Ky.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa.

See adv index at end of book

Webster Mfg. Co., Tiffin, O.

6529—Igniters (Delay Electric)

du PONT E. I. de NEMOURS & CO. ("Du Pont") (See also Blasting Supplies), Wilmington, Del.

For branch offices see adv index at end of book

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

6530—Igniters (Gas & Gasoline Engine)

(Magnetos & Dynamos)

Aerotruster Engine Co., La Porte, Ind.

Akar Ignition Co. ("Akar"), 149 Berkley, Wayne Junction, Phila., Pa.

Atwater-Kent Mfg. Works, 4937 Stenton av, Phila., Pa.

Bosch Magneto Co. ("Bosch" Magnetos), 223 W 46th, New York

Connecticut Telephone & Electric Co., Inc (Magnetos), Meriden, Conn.

Dayton Dick Co., Quincy, Ill.

Dayton Electrical Mfg. Co. ("Dayton"), Dayton, O.

Dayton Engineering Laboratories Co., Dayton, O.

Dow Mfg. Co., Braintree, Mass.

Elkhart Mfg. Co. ("Elkhart"), Monroe, Mich.

Ericsson Mfg. Co., Buffalo, N. Y.

Heinze Electric Co., Lowell, Mass.

Hendricks Magneto & Electric Co. ("Comet"), Indianapolis, Ind.

Hercules Electric Co. ("Wizard" & "Star" Spark Generators), Indianapolis, Ind.

Herz & Co. ("Herz" High Tension Magneto), 245 W 55th, New York

Holley Bros. Co. (Holley), 131 Rowena, Detroit, Mich.

Holtzer-Cabot Electric Co. ("The H-C Magneto"), Brookline, Mass.

Johns H. W.-Manville Co., Madison av & 41st, New York

K-W Ignition Co. ("Vim"), Chester av & E 30th, Cleveland, O.

Kendrick, Davis Co. ("K. & D"), Lebanon, N. H.

Knoblock-Heideman Mfg. Co., South Bend, Ind.

Kokomo Electric Co. ("Kingston"), Kokomo, Ind.

Marburg Bros. ("Mea" Magnetos), 90 West, New York

Motsinger Device Mfg. Co. ("Auto Spark-er"), Lafayette, Ind.

North East Electric Co., Rochester, N. Y.

O'Brien Electrophone Co., Hallowell, Me.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Orswell Igniter Co., 95 Milk, Boston, Mass.

Remy Electric Co. ("Remy" Magnetos), Anderson, Ind.
 Schug Elec. Mfg. Co. ("Schug" Ignition Storage Battery), Detroit, Mich.
 Seiverson Electric Co., Elkhart, Ind.
 Sleeper Co. ("M. & S." also Automobile Magnetos), Fowler, Ind.
 Splitdorf Electrical Co. (High & Low Magnetos), 98 Warren, Newark, N. J.
 Standard Motor Construction Co., 180 Whiton, Jersey City, N. J.
 Stecker Elec. & Machine Co., Detroit, Mich.
 Sumter Electrical Works, Sumter, S. C.
 Thordarson Elec. Mfg. Co. ("Thordarson"), 513 S Jefferson, Chicago, Ill.
 Tritt Electric Co., Union City, Ind.
 Troy Auto Specialty Co., Troy, N. Y.
 Webster Electric Co., Racine, Wis.
 Wells R. C. Mfg. Co., Fond du Lac, Wis.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
 Witherbee Igniter Co. ("Volta" & "Witherbee" Storage Battery Igniter), 1904 B'way, New York

Ignition Apparatus

See Batteries; also Coils, Spark; also, Plugs, Spark; also Igniters, Gas & Gasoline Engine.

6531—Illuminated Thresholds for Elevators

Elevator Supplies Co. ("Ricketts"), Hoboken, N. J.

6532— Illuminators (Oven)

Allbrecht Francis J. (For Bakers' Ovens), Pittsburgh, Pa.
 Beitner George L. ("Perfect"), Bridgeport, Conn.
 Dutches Tool Co. ("Eureka," Gas or Electric, "Cincinnati," Oil), Fishkill-on-Hudson, N. Y.
 Robson Chas. & Co. ("Robson"), 8th & Washington av, Phila., Pa.

6533—Impregnating (Vacuum Process)

Devine J. P. Co., Buffalo, N. Y.
 Nelson I. R. (To Impregnate Magnet, Field & Transformer Coils, Armatures, Insulator Pins, etc), 85 Columbia, Newark, N. J.

6534—*Impregnators (Fabric)

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

6535—Incandescent Lamp Turn-down Attachment

Wirt Co. ("Dim-A-Lite"), Germantown, Phila., Pa.

Incinerators (Garbage)

See Garbage Disposal Plants

6536—Incinerators (Night Soil & Refuse)

McCall Incinerator Co., Memphis, Tenn.
 MacLeod Co., 2227 Bogen, Cincinnati, O.
See adv index at end of book
 Stearns E. C. & Co. ("Incinerite" Refuse), 450 Oneida, Syracuse, N. Y.
 U. S. Incinerator Co., Buffalo, N. Y.

6537—Incinerators (Platinum)

Bishop J. & Co., Malvern, Pa.

6538— Incinerators (Rotary)

Manitowoc Engineering Works, Manitowoc, Wis.
 Pusey & Jones Co., ft Poplar, Wilmington, Del.

6538a— Incinerators (Toilet)

For camps, hospitals, and wherever dry sewage has to be met. This system is a complete solution of this difficult problem.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

Inclinators (Carboy)

See Rockers, Carboy

6539— Incline Planes

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

6540— Inclometers

STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

6541—Increasers (Closet Spud)

Trenton Brass & Machine Co., Trenton, N. J.

6542—Incubators (Bacteriological)

Castle Wilmet Co., Rochester, N. Y.
 Gray Peter & Sons, Inc., 286 3d, East Cambridge, Mass.

6543—Incubators & Brooders

Axford Incubator Co., 750 E 45th, Chicago, Ill.
 Banta & Bender Company, Ligonier, Ind.
 Belle City Incubator Co. ("Belle City"), Racine, Wis.
 Bennett J. A. & Son ("Champion"), Gouverneur, N. Y.
 Buckeye Incubator Co. ("Bantam," "Buckeye"), Springfield, O.
 Buffalo Incubator Co., Bradley nr Danforth, Buffalo, N. Y.
 Burr Incubator Co., Omaha, Neb.
 Cabinet Mfg. Co., Quincy, Ill.
 Candee Incubator & Brooder Co. (Hot Water), Eastwood, N. Y.
 Croley Geo. H. Co., 631 Brannan, San Francisco, Cal.
 Cycle Hatcher Co., Elmira, N. Y.
 Cyphers Incubator Co., 2269 Main, Buffalo, N. Y.
 Des Moines Incubator Co. ("Crescent," "Eclipse," "Successful"), Des Moines, Ia.
 Ertel Geo. Co. ("Hatching Wonder," Improved Victor, "Poor Man's Friend"), Quincy, Ill.
 Essex Robt. Incubator Co., Buffalo, N. Y.
 Fosston Mfg. Co. ("World"), 473 Cleveland, St. Paul, Minn.
 Fremont Mfg. Co. ("Sure Hatch"), Fremont, Neb.
 Gem Mfg. Co., Greenville, O.
 Hall Mammoth Incubator Co., Little Falls, N. Y.
 Hodgson E. F. Co. (Peep-o-day), Dover, Mass.
 Humphreys & Sons, Joliet, Ill.
 Indianapolis Corrugating Co. "Simpli-city" Incubators. "None-Such" Brooders, Indianapolis, Ind.
 Ironclad Incubator Co. ("Ironclad"), Racine, Wis.
 Johnson M. M. Company, Clay Centre, Neb.
 Jones, Post & Co. ("Great Western"), Racine, Wis.
 Klondike Incubator Co. ("Klondike"), Des Moines, Ia.
 Leahy Mfg. Co. ("Favorite"), Higginsville, Mo.
 Manson-Campbell Co. ("Chatham"), Campbell & Leavitt, Detroit, Mich.
 Merryman S. Howard, Towson, Md.
 Miller J. W. Co., Rockford, Ill.
 Model Incubator Co., Buffalo, N. Y.
 National Incubator Co., Racine, Wis.
 Nebraska Incubator Co. ("Fairfield"), Fairfield, Neb.
 Neubert R. F. Co., Mankato, Minn.
 Northwestern Stamping Co. (Brooders), Burlington, Ia.
 Petaluma Incubator Co., Petaluma, Cal.
 Phillips Oliver P., Amo, Ind.
 Prairie State Incubator Co., Homer City, Pa.
 Progressive Incubator Co. ("Racine"), Racine, Wis.
 Queen Incubator Co., Lincoln, Neb.
 Rayo Incubator Co. ("Rayo"), Omaha, Neb.
 Reeves Mfg. Co., Dover, O.
 Reliable Incubator & Brooder Co., Quincy, Ill.
 Sheer H. M. Co. ("Peerless"), Quincy, Ill.
 Spokane Incubator Co. ("Spokane"), Spokane, Wash.
 Springfield Incubator Co. (All Metal, Automatic), Springfield, O.

Stahl Geo. H. ("Excelsior," Wooden Hen), Quincy, Ill.
 Sure Hatch Incubator Co. ("Sure Hatch"), Fremont, Neb.
 Uhl M. & Co., New Washington, O.
 Weimer Abe, Ligonier, Ind.
 Wisconsin Incubator Co., Racine, Wis.

6544— Indexes (Book)

Amberg File & Index Co., 1400 Fulton, Chicago, Ill.
 Burr Index Co., Hartford, Conn.

6545— Indian Clubs

Bogert & Hopper, 67 Barclay, New York
 Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book
 Hellenberg J. B. Co., Coldwater, Mich.
 Saginaw Wood Products Co., Gaylord, Mich.
 Sandusky Tool Co., Sandusky, O.
 Somer Jno. Faucet Co., 355 Central av, Newark, N. J.

6546—*Indicator Attachments

LUNKENHEIMER CO., Executive Offices and Factories, Beekman & Waverly, Cincinnati, O.
See adv index at end of book

6546a—*Indicator (Reducing Motion)



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
See adv index at end of book

6547—*Indicators (Ammonia)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book

6548—Indicators (Carbon Dioxide)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.

6549— Indicators (Centre)

Alert Tool Co., 221 N 23d, Phila., Pa.

6550—Indicators (Combustion)

American Safety Lamp & Mine Supply Co. ("Westover"), Scranton, Pa.
 Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
 Dwight Mfg. Co., 12 S. Jefferson, Chicago, Ill.
 Uehling Instrument Co., 71 Broadway, New York

6551— Indicators (Course)

Hand John & Sons Co. ("Faulkner-Ellis"), 222 Walnut, Phila., Pa.

6552— Indicators (Draft)

Uehling Instrument Co., 71 Broadway, New York

6553—Indicators (Electric Speed)

WESTINGHOUSE ELECTRIC & MFG. CO. (Automobile Engine), East Pittsburgh, Pa. *See adv index at end of book*
 Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

6554— Indicators (Elevator)

Elevator Supplies Co. (Mechanical), Hoboken, N. J.
GORHAM CO. ARCH'L BRONZE, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*
 Knickerbocker Electric Co. (Mechanical), 116 West, New York
 Sommerville Elevator Co. (Fluid), 156 W 30th, New York
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

6555—Indicators (Engine & Efficiency)

Bacharach Industrial Instrument Co. ("Maihak"), 14 Wood, Pittsburgh, Pa.

6556—Indicators (Fuel Level)

Akron-Selle Co., Akron, O.
Apex Electric Mfg. Co., 1410 W 59th, Chicago, Ill.
Boston Auto Gage Co. ("Triumph"), 8 Waltham, Boston, Mass.
Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.
Retlaw Mfg. Co., 812 Woodbridge, Detroit, Mich.
Ritz-Woller, Oliver Co. ("Jr. Gasometer"), 166 W Lake, Chicago, Ill.
Rochester Mfg. Co. ("Mercury"), Brighton Station, Rochester, N. Y.

6557— Indicators (Gas)

American Safety Lamp & Mine Supply Co. ("Beard-Mackie"), Scranton, Pa.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.

6558—Indicators (Gas Engine)

American Steam Gauge & Valve Mfg. Co. ("American Thompson Improved"), 208 Camden, Boston, Mass.
Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Meriam Co. ("Meriam"), 1514 Prospect av, Cleveland, O.
Rochester Mfg. Co., Brighton Station, Rochester, N. Y.

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Trill Indicator Co. ("Triumph"), Corry, Pa.

6559—Indicators (Gas Leak)

Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.
Taylor Instrument Co.'s, Rochester, N. Y.
See adv index at end of book

6560— Indicators (Helm)

Cory Chas. & Son, 286 Spring, New York
Electro-Dynamic Co., Bayonne, N. J.
Hyde Windlass Co., Bath, Me.
McNab Co. ("McNab"), Bridgeport, Conn.
Marine Electrical Co., Lorain, O.

6561—*Indicators (Hydraulic)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So. 5th, Brooklyn, N. Y.
See adv index at end of book

6562— Indicators (Lathe)

Brown & Sharpe, Mfg. Co., Providence, R. I.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), Waltham, Mass.

6563—Indicators (Lightning)

Bajohr Carl Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.

6564—Indicators (Locomotive Train Number)

Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.

6565—Indicators (Log Setting)

Filer & Stowell Co., Milwaukee, Wis.
Lane Mfg. Co., Montpelier, Vt.

Indicators (Low Water)

See Alarms, Low Water

6566— Indicators (Machine)

Norton Grinding Co. (For Testing Truth & Alignments of Machine Parts), Worcester, Mass.
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney"), Waltham, Mass.

6567— Indicators (Marine)

American Speed Indicator Co. ("Kenny"), New London, Conn.
Cummings Ship Instrument Works ("Cummings" direction, also speed), 110 High, Boston, Mass.
McNab Co. ("McNab" Direction & Revolution), Bridgeport, Conn.

6568—Indicators (Phase Rotation)

Minerallac Electric Co., 1045 Washington bl, Chicago, Ill.

6569— Indicators (Polarity)

Brown Instrument Co. (Potential & Current), Wayne & Windrim av, Phila., Pa.
Dale Lighting Fixture Co., 107 W 13th, New York
Manhattan Electrical Supply Co., 17 Park pl, New York
Steele Glass Co., 622 Locust, Phila., Pa.
Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

6570— Indicators (Post)

Glamorgan Pipe & Fdry Co., Lynchburg, Va.

6571—Indicators (Railroad Speed)

Stewart-Warner Speedometer Corp. ("Warner"), 1826 Diversey parkway, Chicago, Ill.

6572—*Indicators (Reducing Motion)

NUGENT W. W. & CO., 146 Superior, Chicago, Ill. *See adv index at end of book*

6573-4—Indicators (Revolution Recording)

Brown Instrument Co. ("Brown," for Recording the Speed of Blowing Engines at Blast Furnaces), Wayne & Windium avs, Phila., Pa.

6575—Indicators (Sight Flow)

Richardson-Phenix Co. ("Phenix" to Indicate Oil, Gas or Water Flow in Pipe Lines), 122 Reservoir, Milwaukee, Wis.

6576— Indicators (Smoke)

Simonds G. L. & Co. ("Eclipse"), 230 S La Salle, Chicago, Ill.
Vulcan Fuel Economy Co., 230 S LaSalle, Chicago, Ill.

6577—Indicators (Specific Gravity)

Precision Instrument Co. ("Gravitometer"), Detroit, Mich.

6578— Indicators (Speed)

See also Tachometers

American Speed Indicator Co. ("Kenny" Marine), New London, Conn.
Bowsher N. P. Co. ("Bowsher" Speed or Motion, for Machinery, etc.), South Bend, Ind.
Brown Instrument Co. (Recording Revolution with Chart), Wayne & Windium avs, Phila., Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Speed Indicator Co. (Auto, etc.), W 112th & Locust, Cleveland, O.
Cummings Ship Instrument Works ("Cummings" Marine), 110 High, Boston, Mass.
Disston Henry & Sons (Inc.), Tacony, Philadelphia, Pa.
Durant Mfg. Co. ("The Producimeter"), 655 Buffum, Milwaukee, Wis.
Emerson, Smith & Co., Beaver Falls, Pa.
FOXBORO COMPANY, THE, Succeeding Industrial Instrument Co. ("Foxboro" For Speed & Stroke), Foxboro, Mass.
See adv index at end of book
Goodell Pratt Co., Greenfield, Mass.
Greene, Tweed & Co. ("Empire," "Weiss"), 109 Duane, New York
Hart R. A., Battle Creek, Mich.
Holtzer-Cabot Electric Co. (Electro Magnetic), Brookline, Mass.
Lombard Governor Co. (Long Distance), Ashland, Mass.

Machado & Roller (Importers & Synchronism, "Hartmann & Brown"), 203 B'way, New York
Marsh Jas. P. & Co., 118 S Clinton, Chicago, Ill.
Packer Thos. ("L. B. Taylor's"), Union City, Conn.

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.

See adv index at end of book
Schuchardt & Schutte ("Initiative"), 90 West, New York
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
Stewart-Warner Speedometer Corp. ("Warner"), 1826 Diversey parkway, Chicago, Ill.
Tanit Co. ("Taylor"), Stroudsburg, Pa.
Veeder Mfg. Co. ("Veeder"), Hartford, Conn.
Webb Mfg. Co., ft. Centre, Newark, N. J.
See adv index at end of book
Woodman R. Mfg. & Supply Co. ("Woodman & Hudson's"), 82 Sudbury, Boston, Mass.

6579—Indicators (Steam Engine)

Ashcroft Mfg. Co. ("Tabor"), 119 W 40th, New York
Bacharach Industrial Instrument Co. ("Maihak"), 14 Wood, Pittsburgh, Pa.
Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
Jost's Edmund Sons, 48 Dickerson, Newark, N. J.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
Robertson Jas. L. & Son ("Robertson," "Thompson"), 78 Murray, New York
SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th, Brooklyn, N. Y.
See adv index at end of book
Star Brass Mfg. Co. ("Star"), 108 Dedham, Boston, Mass.
Thompson Richard & Co. ("Thompson's 20th Century" "Bachelder," Adjustable), 126 Liberty, New York
Trill Indicator Co. ("Trill," "Triumph," "Perfection"), Corry, Pa.

6580—*Indicators (Surface Speed)

SCHAEFFER & BUDENBERG MFG. CO., Berry & So 5th Brooklyn, N. Y.
See adv index at end of book

6581—Indicators (Switch & Tower)

Federal Signal Co. Albany, N. Y.
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

6582—*Indicators (Synchronism)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

6583— Indicators (Tank)

See also Alarms High & Low Water
Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*
Baltimore Cooperage Co., The, cor. Hanover & Creek, Baltimore, Md.
Flint & Walling Mfg. Co., Kendallville, Ind.
Quimby Engineering Co. ("U. S. Standard" Mercury), 913 Ridge av, Phila., Pa.
Rochester Mfg. Co., Brighton Station, Rochester, N. Y.

6584— Indicators (Test)

American Watch Tool Co. (For Close Reading on Lathes, Millers, etc.), Waltham, Mass.
Ames B. C. Co. ("Ames" dial), Waltham, Mass.
Boulet Fine Tool Works ("Boulet's" Universal Micrometer), Sebago Lake, Me.
Brown & Sharpe Mfg. Co. (Dial Lathe, etc.), Providence, R. I.
Koch Henry, Nyack, N. Y.
Lowe Henry A. ("Last Word") Cleveland, O.
Reisner W. H. Mfg Co. (Dial Lens), Hagerstown, Md.
Robinson C. E. Co., Orange, Mass.
STARRETT L. S. CO. ("Universal"), Athol, Mass. *See adv index at end of book*
Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" Dial Lathe, etc.), Waltham, Mass.

6585—Indicators (Train Arrival & Departure)

National Indicator Co., 852 Vernon av,
Long Island City

6586— Indicators (Valve)

Walworth Mfg. Co. (The Half), Boston,
Mass.
Wood R. D. & Co., 400 Chestnut, Phila.,
Pa.

6587— Indicators (Water)

See Alarms, Low Water, for Boilers

6588— Indigo

See also Aniline Colors, Dyes & Dyestuffs
Arnold Hoffman & Co. (Imp.), 55 Canal,
Providence, R. I.
Holliday Read & Sons, Ltd., 160 Frank-
lin, New York
Kalle Color & Chemical Co., 530 Canal, New
York
Klipstein A. & Co., 644 Greenwich, New
York
Nat'l Aniline & Chemical Co., 100 William,
New York
Ransom L. E. Co. (Imp.), 279 Pearl, New
York
United Indigo & Chemical Co. (Ltd.), 176
Federal, Boston, Mass.

6589— Indigotine

Berlin Aniline Works (Imp.), 213 Water,
New York

6590—Indurated Fibre Ware

Fibre Corporation ("Fibrotta"), Lockport,
N. Y.

6590a— *Infant Brushes

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 Broadway,
New York

6590b— *Infant Combs

DU PONT E. I. DE NEMOURS & CO. (The
Arlington Works), 725-27 Broadway,
New York

6590c— *Infant Sets

du Pont E. I. de Nemours & Co. (The
Arlington Works), 725-27 Broadway,
New York

6590d— *Ingot Heating

ROCKWELL W. S. CO., 50 Church, New
York, See *adv index at end of book*

6591— Ingots (Aluminum)

See also Pig Aluminum

ALUMINUM

Ingots—Sheets—Rods—Cranulated

UNITED SMELTING & ALUMINUM CORP.

NEW HAVEN, CONN.

Branches { 24 Stone Street, New York City
1334 Lime Lank Pldg., Detroit, Mich.

Aluminum Co. of America, Oliver bldg,
Pittsburgh, Pa.

See *adv index at end of book*

American Alloys Co., American bldg, Bal-
timore, Md.

American Metal Co., 61 B'way, New York
Birkenstein S. & Sons, 377 W Ontario, Chi-
cago, Ill.

Coates, Bennett & Reidenbach, Rochester,
N. Y.

Eagle Smelting & Refining Works, 233
B'way, New York

Earle E. P., 165 B'way, New York
Electric Smelting & Aluminum Co., Lock-
port, N. Y.

Foreign & Domestic Metal Co., Cleveland,
O.

Great Western Smelting & Refining Co.,
41st & Wallace, Chicago, Ill.

Humphreys E. C. Co. (3/4" Rod), Book
bldg, Detroit, Mich.

Jacobson I. M. & Sons Co., 70 Catherine,
Detroit, Mich.

Janney, Steinmetz & Co., 1421 Chestnut,
Phila., Pa.

Jobbins W. F., Aurora, Ill.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

More-Jones Brass & Metal Co. (Pure &
Casting), B'way & Dock, St. Louis,
Mo.

Nassau Smelting & Refining Works, 607
W 29th, New York

National Smelting Co., Grant av, Cleve-
land, O.

Richards & Company, Inc., 192 Beverly,
Boston, Mass.

Seligman Arthur (Imp.), 165 B'way, New
York

UNITED SMELTING & ALUMINUM
CORP., 187 Commerce, New Haven,
Conn. See *adv index at end of book*

U. S. Reduction Co., East Chicago, Ind.

Vanadium Metals Co., Vanadium, Pitts-
burgh, Pa.

Vernon Metal & Produce Co., 25 Beaver,
New York

Winter Son & Co., 64 Wall, New York

6592—Ingots (Brass & Copper)

Ajax Metal Co. ("Ajax" Red & Yellow
Brass), 46 Richmond, Phila., Pa.

American Alloys Co., American bldg, Bal-
timore, Md.

American Metal Co. (Copper), 61 B'way,
New York

American Smelting & Refining Co. (Cop-
per), 120 B'way, New York

Balbach Smelting & Refining Co. ("N. B.
C." & "B. C." Brand Copper), 530

Market, Newark, N. J.

Bethlehem Steel Co., So Bethlehem, Pa.

Birkenstein S. & Sons (Copper Only), 377
W Ontario, Chicago, Ill.

Brady Brass Co., 170 14th, Jersey City,
N. J.

Clendenin Bros. (Copper), Central av &
Fawn, Baltimore, Md.

Coates, Bennett & Reidenbach, Rochester,
N. Y.

Crown Smelting Co., Chester, Pa.

DAMASCUS BRONZE CO. ("Damascus"),
N S, Pittsburgh, Pa.

See *adv index at end of book*

Duquesne Reduction Co., Farmers' Bank
bldg, Pittsburgh, Pa.

Eagle Smelting & Refining Works, 233
B'way, New York

Earle E. P. (Copper), 165 B'way, New York

Eastern Brass & Ingot Corp. of N. Y.
(Brass Briquets), 208 S La Salle, Chi-
cago, Ill.

Edna Brass Mfg. Co. (Brass Only), Cin-
cinnati, O.

Fidelity Metal Co., 192 Diamond, Brook-
lyn, N. Y.

Foreign & Domestic Metal Co., Cleveland,
Ohio

Great Western Smelting & Refining Co.,
41st & Wallace, Chicago, Ill.

Hayman Mich'l & Co. (Copper), Buffalo,
N. Y.

Hendricks Bros. (Copper), 49 Cliff, New
York

Henning V. & Sons, 330 Belmont av,
Brooklyn, N. Y.

Hiertz Theo. Metal Co., Alaska & Tesson,
St. Louis, Mo.

Honkamp Bros., 3951 Wentworth av, Chi-
cago, Ill.

Humphreys E. C. Co. (Red & Yellow
Brass), Book bldg, Detroit, Mich.

Hungerford U. T. Brass & Copper Co., 80
Lafayette, New York

Hurley & Wainwright (Selling Agents), 81
Fulton, New York

Illinois Smelting & Refining Co. (Brass),
410 N Peoria, Chicago, Ill.

Kahn Bros., 785 Humboldt, Brooklyn,
N. Y.

Kramer H. & Co., 730 S Canal, Chicago, Ill.

LEAVITT C. W. & CO. (Copper Only),
34 Church, New York

See *adv index at end of book*

LUMEN BEARING CO., 200 Lathrop, Buf-
falo, N. Y. See *adv index at end of book*

Merchant & Evans Co., 2035 Washington
av, Phila., Pa.

See *adv index at end of book*
Metal Block Corp. (Brass Briquets), 208 S
LaSalle, Chicago, Ill.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

More-Jones Brass & Metal Co. (Brass),
B'way & Dock, St. Louis, Mo.

Nassau Smelting & Refining Works, 607
W 29th, New York

National India Rubber Co., Bristol, R. I.

North American Smelting Co., 9th &
Thompson, Phila., Pa.

Ohio Metal Co., 1137 No 4th, Columbus, O.

Phelps, Dodge & Co. (Copper), 99 John,
New York

Pittsburgh Smelting & Refining Co., Eliza-
beth & B. & O. R. R., Pittsburgh, Pa.

Reeves Paul S. & Co. (Red, White & Yel-
low Brass & Pure Copper, etc), 1415
Catharine, Phila., Pa.

Richards & Company, Inc. (Red & Yellow
Brass), 192 Beverly, Boston, Mass.

Roessing Bronze Co., Etna, Pa.

Selby Smelting & Lead Co. (Copper), 201
1st, San Francisco, Cal.

Syracuse Smelting Works ("Stanley Pro-
cess"), 837 Manhattan av, Brooklyn,
N. Y.

Tottenville Copper Co. (O. C. T.), Bedell,
Tottenville, N. Y.

United Metals Selling Co., 42 B'way, New
York

UNITED SMELTING & ALUMINUM
CORP. (Jobbers), 187 Commerce, New
Haven, Conn. See *adv index at end of book*

United States Reduction Co. (Red & Yel-
low Brass Copper, Phosphor Copper,
etc), East Chicago, Ind.

Vanadium Metals Co. (Brass Only), Vana-
dium bldg, Pittsburgh, Pa.

Vernon Metal & Produce Co., 25 Beaver,
New York

Vogelstein L. & Co., 42 B'way, New York

Vulcan Louisville Smelting Co. ("Vul-
can"), 208 S La Salle, Chicago, Ill.

Whipple & Choate (Red & Yellow Brass,
etc), Bridgeport, Conn.

White & Bros. (Inc.) (Red & Yellow
Brass, etc), Hedley & Del river,
Phila., Pa.

Woodfall Bros., 1105 Fairmount av, Phila.,
Pa.

Youngs Geo. S. ("Y"), Bridgeport, Conn

6593— Ingots (Bronze)

Ajax Metal Co. ("Ajax" Acid, Hydraulic,
etc), 46 Richmond, Phila., Pa.

American Alloys Co., American bldg, Bal-
timore, Md.

Coates Bennett & Reidenbach, Rochester,
N. Y.

Damascus Bronze Co. ("Damascus"), N S,
Pittsburgh, Pa.

See *adv index at end of book*

Eagle Smelting & Refining Works, 233
Broadway, New York

Edna Brass Mfg. Co., Cincinnati, O.

Genesee Metals Co., Rochester, N. Y.

Great Western Smelting & Refining Co.,
41st & Wallace, Chicago, Ill.

Henning V. & Sons, 330 Belmont av,
Brooklyn, N. Y.

Jacobson I. M. & Sons Co., 70 Catherine,
Detroit, Mich.

More-Jones Brass & Metal Co., B'way &
Dock, St. Louis, Mo.

National Fulton Brass Mfg. Co. ("Mon-
arch"), 28 Brush, Detroit, Mich.

Nassau Smelting & Refining Works, 607
W 29th, New York

Reeves Paul S. & Co., 1415 Catharine,
Phila., Pa.

Roessing Bronze Co., Etna, Pa.

Vanadium Metals Co., Vanadium bldg,
Pittsburgh, Pa.

Youngs Geo. S. ("Y"), Bridgeport, Conn

Ingots (Copper)

See Ingots, Brass & Copper

Ingots (Iron)

See Pig Iron

Ingots (Lead)

See Lead, Pig

6594—Ingots (Manganese Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
 American Alloys Co., American bldg, Baltimore, Md.
AMERICAN MANGANESE BRONZE CO. ("S. M. B." "A. M. B."), 3501 Rhawn, Phila., Pa.
 Atkinson Co., Rochester, N. Y.
 Cramp Wm. & Sons Ship & Engine Building Co. ("Parsons"), Beach & Ball, Phila., Pa.
 Eagle Smelting & Refining Works, 233 Broadway, New York
 Electric Smelting & Aluminum Co., Lockport, N. Y.
 Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book
 McNab Co. ("Stones"), Bridgeport, Conn.
 More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
 Nassau Smelting & Refining Works, 607 W 29th, New York
 North American Smelting Co., 9th & Thompson, Phila., Pa.
 Reeves Paul S. & Co. ("Tubal"), 1415 Catharine, Phila., Pa.
 Whipple & Choate, Bridgeport, Conn.

6595—Ingots (Nickel)

Eagle Smelting & Refining Works, 233 B'way, New York
 Nassau Smelting & Refining Works, 607 W 29th, New York
UNITED STATES NICKEL CO., New Brunswick, N. J.

6596—Ingots (Phosphor Bronze)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
 American Alloys Co., American bldg, Baltimore, Md.
 Atkinson Co., Rochester, N. Y.
 Crown Smelting Co., Chester, Pa.
 Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.
See adv index at end of book
 Eagle Smelting & Refining Works, 233 B'way, New York
 Edna Brass Mfg. Co., Cincinnati, O.
 Electric Smelting & Aluminum Co., Lockport, N. Y.
 Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
 Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.
LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.
See adv index at end of book

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
 More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.
 Nassau Smelting & Refining Works, 607 W 29th, New York
 North American Smelting Co., 9th & Thompson, Phila., Pa.
 Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.
 Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.
 Whipple & Choate, Bridgeport, Conn.

6597—Ingots (Steel)

See also Billets, Blooms & Slabs, Steel
 American Bridge Co. (Open Hearth), Frick bldg, Pittsburgh, Pa.
 American Tube & Stamping Co. (Open Hearth), Bridgeport, Conn.
 Andrews Steel Co. (Basic Open Hearth), Newport, Ky.
 Ashland Steel Co. (Bessemer), Ashland, Ky.
 Atlantic Steel Co., Atlanta, Ga.
 Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.
BRADDOCK MFG. CO. (Acid Open Hearth), Braddock, Pa.
 Buchanan Electric Steel Co. (Electric), Buchanan, Mich.
 Buckeye Steel Castings Co., Columbus, O.
 Cambria Steel Co. (Bessemer, Acid & Basic Open Hearth), Widener bldg, Phila., Pa.
 Carbon Steel Co. (Acid & Basic Open Hearth), ft. 32nd, Pittsburgh, Pa.

Carnegie Steel Co. (Open Hearth & Bessemer), Carnegie bldg, Pittsburgh, Pa.
 Central Iron & Steel Co. (Open Hearth), Harrisburg, Pa.
 Chrome Steel Works (Chrome Steel), Chrome, N. J.
 Colorado Fuel & Iron Co. (Bessemer & Open Hearth), Denver, Col.
 Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.
 Farist Steel Co. (Crucible), Bridgeport, Conn.
FRASSE PETER A. & CO. (INC.), 417 Canal, New York
See adv index at end of book
 Gulf States Steel Co. (Basic Open Hearth), Birmingham, Ala.
 Halcomb Steel Co. (Crucible & Electric Furnace), Syracuse, N. Y.
HARRISBURG PIPE & PIPE BENDING CO. (Open Hearth), Harrisburg, Pa.
 Illinois Steel Co. (Forging Ingots), 208 S La Salle, Chicago, Ill.
JESSOP STEEL CO. (Crucible), 91 John, New York. Works, Washington, Pa.
 Lackawanna Steel Co. (Bessemer & Open Hearth), Buffalo, N. Y.
 Lukens Steel Co. (Open Hearth), Coatesville, Pa.
 Midvale Steel Co. (Crucible & Open Hearth), Phila., Pa.
 Penn Seaboard Steel Corp. (Cast), Franklin blk, Phila., Pa.
 Phoenix Iron Co. (Acid & Basic Open Hearth), 410 Walnut, Phila., Pa.
 Pittsburgh Steel Foundry (Open Hearth Cast Up to 70,000 lbs.), House bldg, Pittsburgh, Pa. Works: Glassport, Republic Iron & Steel Co., Youngstown, O.
 Standard Steel Works Co. (Open Hearth), Morris bldg, Phila., Pa.
 Taylor N & G. Co. (Open Hearth), Mariner & Merchant bldg, Phila., Pa.
 Tennessee Coal, Iron & R. R. Co. (Open Hearth, Rail, etc), Birmingham, Ala.
 Fremont Nail Co. (Soft & Hard Steel), West Wareham, Mass.
 West Lechburg Steel Co. (Basic Open Hearth), Farmers Bank bldg, Pittsburgh, Pa.
 Whitaker, Glessner Co. (Basic Open Hearth, also "Portsmouth Iron" & "Ohio Metal"), Wheeling, W. Va.
 Worth Bros. Co. (Acid & Basic Open Hearth), Coatesville, Pa.

6598—Ingots (White Metal)

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.
 American Alloys Co., American bldg, Baltimore, Md.
 Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
 Seymour Mfg. Co., Seymour, Conn.

6599-600 Ingots (Zinc)

American Smelting & Refining Co., 120 B'way, New York
 American Zinc, Lead & Smelting Co., Caney, Kans.
 Eagle Smelting & Refining Works, 233 B'way, New York
 Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
 Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.
 Nassau Smelting & Refining Works, 607 W 29th, New York
 Penna. Smelting Co., Benedum Trees bldg, Pittsburgh, Pa.
 Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.
 Vogelstein & Co., L., 42 B'way, New York

Injectors (Boiler)

See Injectors & Ejectors, Boiler

6601—Injectors (Locomotive)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Edna Brass Mfg. Co. ("Edna"), Cincinnati, O.

Griffiths Jas. A. ("Eclipse"), 1315 Buttonwood, Phila., Pa.
 Hancock Inspirator Co. ("Hancock" Inspirators, for Locomotive, Marine & Stationary Purposes), 119 W 40th, New York
 Hayden & Derby Mfg. Co. ("Metropolitan," etc), 119 W 40th, New York
 Nathan Mfg. Co. ("Simplex," "Nathan," "Monitor"), 416 E 106th, New York
 Ohio Injector Co. ("Garfield," "Chicago," "Ohio"), Wadsworth, O.
 Powell Wm. Co., Cincinnati, O.
 Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
 United Injector Co., 119 W 40th, New York
6602—Injectors & Ejectors (Boiler)
 American Injector Co. ("U. S." "World"), Detroit, Mich.
 Belfield H. Co., 435 N Broad, Phila., Pa.
 Blakeslee Mfg. Co. (Jet Pumps), Du Quoin, Ill.
 Champion Hardware Co. ("National" Automatic), Geneva, O.
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
 Desmond-Stephan Mfg. Co. ("Desmond"), Urbana, O.
 Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
 Douds Frank C. & Co. ("Douds," Ejectors, Jet Pumps, Syphons), New Castle, Pa.
 Eynon-Evans Mfg. Co. ("Niagara" & "Eynon-Korting"), N 15th & Clearfield, Phila., Pa.
GODFREY-KEELER CO., 70 Warren, New York
See adv index at end of book
 Griffiths Jas. A. ("Keystone," "Champion," "Eclipse"), 1315 Buttonwood, Phila., Pa.

Hancock Inspirator Co. ("Hancock" Inspirators & "Hancock" Ejectors & Drivewell Ejectors), 119 W 40th, New York
 Hayden & Derby Mfg. Co. ("Metropolitan," Models "O" & "N," "N" Automatic, "H-D" Ejectors), 119 W 40th, New York
 Jenkins Bros. (Injectors), 80 White, New York
 Kincaid Bros. ("Eureka"), 211 Water, Pittsburgh, Pa.
 Lee Wm. O. Co., Port Huron, Mich.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
 McNab & Harlin Mfg. Co., 55 John, New York
NASON MFG. CO., 71 Fulton, New York
See adv index at end of book
 Nathan Mfg. Co. ("Nathan," "Gresham," "Monitor," "Simplex," "Friedmann"), 416 E 106th, New York
 Ohio Injector Co. ("Garfield" Double Jet, "Chicago" Automatic), Wadsworth, O.
 Pancoast Henry B. Co. ("Model"), 243 S 3d, Phila., Pa.
 Penberthy Injector Co. ("Penberthy," "Automatic," "Auto-Positive" & "XL-96"), 346 Holden av, Detroit, Mich.
 Powell Wm. Co. (Stationary & Marine Injectors, Automatic, Auto-Positive & "X-I-96"), Cincinnati, O.
 Randle Machinery Co. ("Leader"), Cincinnati, Ohio
 Rue Mfg. Co. ("Little Giant," "Unique" & "Fixed Nozzle"), 228 Cherry, Phila., Pa.
SCHUTTE & KOERTING CO. ("Koerting" & "Universal"), 1251 N 12th, Phila., Pa.
 Sellers Wm. & Co. (Locomotive & Boiler), 1600 Hamilton, Phila., Pa.
 Sherwood Mfg. Co. ("Buffalo," "Sherwood," "Eagle"), 1709 Elmwood, Buffalo, N. Y.
 Stephens, Roe Mfg. Co. ("Michigan," "Roe," "Detra"), Detroit, Mich.
 Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
 United Injector Co., 119 W 40th, New York
 Watson N. A. ("Excelsior"), Erie, Pa.
 Watson & McDaniel Co. ("McDaniel"), Ejectors, 146 N 7th, Phila., Pa.
 Worthington Pump & Machy, Corp, 115 B'way, New York

6603—Ink Grinding Machinery

See Mills, Ink Grinding

6604—Ink Wells

See Inkstands & Wells

6605— Inks (Canners')

Consolidated Stamp Mfg. Co., 87 Malden la, New York
Swisher R. D. Mfg. Co. ("Is Boiler Proof"), 413 S Clinton, Chicago, Ill.

6606— Inks (Draughting)

Carter's Ink Co., E Cambridge, Boston, Mass.
David's Thaddeus Ink Co., 97 Vandam, New York
Diatzgen Eugene Co., 166 W. Monroe, Chicago, Ill.
Elliot B. K. Co., 126 6th, Pittsburgh, Pa.
Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.
Keuffel & Esser, Hoboken, N. J.
Morrill Geo. H. Co., Norwood, Mass.
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.
Post Fred'k Co., 3635 S Clark, Chicago, Ill.
Taylor Bros. Co. ("Opake" Quick Drying Water Proof, for Tracing Cloths), 706 Superior av, N W, Cleveland, O.
Tower Mfg. & Novelty Co. ("Arnold's"), 326 B'way, New York
WEBER F. & CO. (Black & Colored), 1125 Chestnut, Phila., Pa.
See adv index at end of book

6607— Inks (Duplicator)

Kruse Printing Ink Co., 437 Pearl, New York

6608— Inks (Embossing)

BINSWANGER B. & CO., 827 N 3rd, Phila., Pa.
Goetjens Chas. F., 626 4th av, Brooklyn, N. Y.
Standard Ink & Color Co., 129 Atkins av, Brooklyn, N. Y.

6609— Inks (Indelible)

Carter's Ink Co., E Cambridge, Boston, Mass.
David's Thaddeus Ink Co., 97 Vandam, New York

6610— Inks (Marking)

Botts Marking Ink Co., 330 Pearl, New York
David's Thaddeus Ink Co., 97 Vandam, New York
Everett & Barron Co., 217 Canal, Providence, R. I.
Spencer S. M. Mfg. Co., (Indelible), 9 Cornhill, Boston, Mass.
Volger B. G. Mfg. Co. ("Volger," Indelible), Passaic, N. J.

6611— Inks (Metal Marking)

Strassenburgh R. J. & Co., Rochester, N. Y.

6612—Inks (Numbering Machine)

Carter's Ink Co., E Cambridge, Boston, Mass.
Fuller Louis E., 226 W 75th, New York
Heale J. A. & Co., 96 John, New York

6613—Inks (Printing & Lithograph)

Acme Printing Ink Co., 548 W Harrison, Chicago, Ill.
American Luminous Products Co. (Luminous), Walts, Los Angeles, Cal.
American Pad & Ink Co., 22nd & Glenwood av, Phila., Pa.
American Printing Ink Co., 1127 W 6th, Cincinnati, O.
American Printing Ink Co. (Wood Printing), 2314 W Kinzie, Chicago, Ill.
Ault & Wiborg Co., Cincinnati, O.
Barnard F. A. & Son, 529 S Dearborn, Chicago, Ill.
Berger & Wirth, 58 Columbia Hts., Brooklyn, N. Y.
Buckeye Ink Co., 141 E 4th, Cincinnati, O.
Buckie Printers Ink Co., 714 S Clark, Chicago, Ill.
Buffalo Printing Ink Works. (Copyable Printing), 348 Ellicott, Buffalo, N. Y.
California Ink Co., 33 Clementina, San Francisco, Cal.
Chicago Printing Ink Co., 24 S Clinton, Chicago, Ill.
Donald Wm. C. & Co., Andover, Mass.

Donnell C. E. & Co., Sawyer bldg, St. Louis, Mo.

Dunn Ink Works, Buffalo, N. Y.
Eagle Printing Ink Co., 83 Grand, New York
Fuchs & Lang Mfg. Co., 119 W 40th, New York

Hellmuth Chas., 154 W 18th, New York
Huber J. M., 602-62nd, Brooklyn, N. Y.
Indiana Chemical Co., 608 S Dearborn, Chicago, Ill.

Jenecke Printing Ink Co., Wright & Ave. B, Newark, N. J.
Johnson Chas. Eneu & Co., 509 So 10th, Philadelphia, Pa.

Jones Chester N., 299 Broadway, New York
Kast & Ehinger, 154 W 18th, New York
Kent Wm. P. & Co., 49 Rose, New York
Kohl & Madden Mfg Co, 124 Polk, Chicago, Ill.

Kruse Printing Ink Co., 437 Pearl, New York
Levey Fred. H. Co., 59 Beekman, New York

McCutcheon Bros. & Quality, 1130 Calowhill, Phila., Pa.
Martin Otto & Co., 130 N 4th, Phila., Pa.
Mayer Robt. & Co., 461 8th av, New York

Morrill George H. Co., Norwood, Mass.
Muller J. A., 254 Pearl, New York
Okie F. E. Co., 127 S 2nd, Phila., Pa.
Okie Francis G., 411 Cherry, Phila., Pa.
Prescott H. S., 571 Atlantic av, Boston, Mass.

Queen City Printing Ink Co., 1929 South, Cincinnati, O.
Ray Wm. H. Printing Ink Mfg. Co., 735 E 9th, New York

Roach Jos. A. & Co., 622 S Dearborn, Chicago, Ill.

Roberts Lewis, 72 Union, Newark, N. J.
Rodgers J. E. Mfg. Co., 206 E 19th, New York
Roosen H. D. Co., 78 20th, Brooklyn, N. Y.
Royal Bronze Ink Co., 150 N 6th, Phila., Pa.

Ruxton Philip (Inc.), 220 W 42d, New York
Schwarm & Jacobus Co., 906 B'way, Cincinnati, O.

Shattuck E. J. Co., 130 Fremont, San Francisco, Cal.
Siebold J. H. & G. B., 106 Center, New York

Sinclair & Valentine Co., 611 W 129th, New York
Sleight Metallic Ink Co., 5907 Market, Phila., Pa.

Southern Oil & Ink Co., Savannah, Ga.
Standard Printing Ink Co., 1644-48 Providence, Cincinnati, O.
Ullman Sigmund Co., 146th & Park av, New York

Underwood John & Co., 30 Vesey, New York

Wallace Sterling, 65 Frankfort, New York

Webster F. S. Co., 340 Congregational, Boston, Mass.

Western Merchandise & Supply Co., 326 W Madison, Chicago, Ill.

Wilson W. D. Printing Ink Co., 17 Spruce, New York

Wright J. K. Printing Ink Co., 531 N 9th, Phila., Pa.

6614— Inks (Rubber Stamp)

Carter's Ink Co., E Cambridge, Boston, Mass.

David's Thaddeus Ink Co., 97 Vandam, New York

Fuller Louis E., 226 W 75th, New York

Hager C. C. ("Never-Smear"), 1234 Penn, Pittsburgh, Pa.

Heale J. A. & Co., 96 John, New York

Morrill Geo. H. Co., Norwood, Mass.

Volger B. G. Mfg. Co., Passaic, N. J.

6615— Inks (Show Card)

Carter's Ink Co. ("Mark-a-Line"), E Cambridge, Boston, Mass.

David's Thaddeus Co. ("Letterine"), 97 Vandam, New York

6616— Inks (Stencil)

Botts Marking Ink Co. (Paste & Cake), 330 Pearl, New York

Bradley A. J. Mfg. Co., 101 Beekman, New York

Diagraph Co. ("Garvey"), 2121 N 9th, St. Louis, Mo.

6617— Inks (Tracing Cloth)

Murdock W. J. Co., 116 Opera pl, Cincinnati, O.

6618— Inks (Writing)

American Luminous Products Co. (Luminous), Walts, Los Angeles, Cal.

Applegate Chemical Co. (Indelible), 6322 Ellis av, Chicago, Ill.

Bankers Ink Co., Kansas City, Mo.

Barnes National Ink Co., 222 N 5th, Phila., Pa.

Beatty-Baum Chemical Co., Denver, Col.

Carter's Ink Co. (Indelible, Copying, etc.), E Cambridge, Boston, Mass.

Caw's Pen & Ink Co., 76 Duane, New York

Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.

Cook B. C. Chemical Mfg. Co., Charlotte, N. C.

David's Thaddeus Ink Co., 97 Vandam, New York

Davis Emry, 298 B'way, New York

Davis Wm. A. Co. ("U. S. Treasury"), 40 Battery March, Boston, Mass.

Diamond Ink Co., 192 E Water, Milwaukee, Wis.

Heller B. & Co., 3925 Calumet av, Chicago, Ill.

Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.

Keller Rob't Ink Co., 523 Fort W, Detroit, Mich.

Kirk Harry D., 184 W Wash'n, Chicago, Ill.

Levison & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.

Monarch Glue Co. ("Monarch," Writing & Copying), 202 Main, Cincinnati, O.

Moore J. & I. E. Warren, Mass.

Pomeroy Ink Mfg. Co., 218 N. J. R. R. av, Newark, N. J.

Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.

Stafford S. S., 609 Washington, New York

Thomas L. H. Co., W Congress & S Peoria, Chicago, Ill.

Underwood John & Co., 62 Park Place, New York

Woodmansee F. A. ("Woodmansee," Writing & Copying), 117 E Pearl, Cincinnati, O.

Worden Ink & Mfg. Co., 67 Pearl, New York

6619— Inkstands & Wells

Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.

American Hard Rubber Co. (Hard Rubber Inkstands), 9 Mercer, New York

Cushman & Denison Mfg. Co. ("Chelsea," "Capitol," Non-Evaporating), 240 W 23d, New York

Davis Emry ("Davis" Automatic), 298 B'way, New York

General Eclipse Co. ("Eclipse" Pneumatic), Danielson, Conn.

Kimpton Ed. Co., 60 John, New York

National Sheet Metal Co. ("Nicolene"), Peru, Ill.

Scofield & Co., 150 Nassau, New York

Sengbusch Self-Closing Inkstand Co. (Self-Closing), Stroh bldg, Milwaukee, Wis.

Smith & Egge Mfg. Co. ("Irving's Paradox"), Bridgeport, Conn.

Sneath Glass Co. (Ink wells), Hartford City, Ind.

Stoughton Novelty Mfg. Co., Inc., Stoughton, Wis.

Tatum Sam'l C. Co. (Iron, Glass, Hardwood, etc), Cincinnati, O.

Weeks Frank A. Mfg. Co., 93 John, New York

Weeks-Numan Co. ("Victor," "Gardner" & "Royal"), 81 Fulton, New York

6620— Inlets (Fresh Air)

Advance Mfg. Co., Erie, Pa.

Central Foundry Co., 90 West, New York

Du Bois Fred'k N. & Co., 247 9th av, New York

Fee & Mason, 81 Beekman, New York

Hays Mfg. Co., Erie, Pa.

Mott J. L. Iron Works, Trenton, N. J.

Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

6621—Inlets (Sewer)

American Brake Shoe & Foundry Co., Mahwah, N. J.
 Barber Mfg. Co., Ashtabula, O.
 Buckeye Foundry Co., Cincinnati, O.
 Burch Plow Works Co., Crestline, O.
 Burr Co., Champaign, Ill.
 Canton Foundry & Machine Co., Canton, O.
 City Foundry Co., Cleveland, O.
 Columbian Iron Works, Chattanooga, Tenn.
 Davies & Thomas Co., Catassauqua, Pa.
 Dee Wm E. Co., 30 N La Salle, Chicago, Ill.
 Duplex Mfg & Fdry. Co., Euclid, O.
 Ford & Kimball, Concord, N. H.
 Hartnett John J., Albany, N. Y.
 Hennessey Foundry Co., Springfield, O.
 Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
 Kramer Bros. Foundry Co., Dayton, O.
 Kuhns Bros., Dayton, O.
 McDonald Foundry, Columbus, O.
MacKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Madison Foundry Co. ("Acme"), Cleveland, O.
 Meyer Foundry & Mfg. Co., South Bend, Ind.
 Nordeen H. G., Everett, Wash.
 Over Ewald, Indianapolis, Ind.
 Parsons G. W. Co., Newton, Ia.
 Roanoke Iron Works, Roanoke, Va.
 Sessions Foundry Co., Bristol, Conn.
 Shunk Plow Co., Bucyrus, O.
 South Bend Foundry Co., South Bend, Ind.
 Stary Frank & Sons, Cedar Rapids, Ia.
 Stuart Foundry Co., Detroit, Mich.
 Thompson J. & Co., Van Horn & Sophia, Phila., Pa.
 Wearne Bros., Omaha, Neb.

6622—Insecticides

Adler Color & Chemical Works, 100 William, New York
 Alcatraz Co., Inc. ("Insect-See"), 3200 Williamsburg av, Richmond, Va.
 Aspinwall Geo. H., 134 Haliday, Jersey City, N. J.
 Barrett Chemical Co., 87 35th, Brooklyn, N. Y.
 Boston Chemical Co., 66 Hanover, Boston, Mass.
 Brown's Insecticide Co., 203 E 44th, New York
 Chemical Supply Co., Cleveland, O.
 Clifton Chemical Co., 317 Greenwich, New York
 Columbian Insecticide Co., 552 Columbus av, New York
 Conkey G. E. Co. ("Fly King"), 3039 Woodland av, S E, Cleveland, O.
 Danforth Chemical Co. ("Bug Death"), Leominster, Mass.

Dusenberry H. C. (Inc.) ("Mothaline," "Naphtha Camphor"), 95 Gold, New York
 Ellis Chas. H. & Son, Port Chester, N. Y.
 Flash Chemical Co. ("Flash Camphor"), Kendall sq, Cambridge, Mass.
 Frost Insecticide Co., Arlington, Mass.
 Fulton Bag & Cotton Mills ("Kilzit"), Atlanta, Ga.
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
 Hammond Benj., Beacon, N. Y.
 Hemingway & Co. (London Purple), 1 B'way, New York
 Insecticide Co., Phalen bldg, San Francisco, Cal.
 Lee Geo. H. Co., Omaha, Neb.
 Leggett & Bro. ("Anchor"), 301 Pearl, New York
 Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.
 Met-ol Polish & Mfg. Co., 1027 Larroke, Chicago, Ill.
 Nicotine Mfg. Co., 117 N Main, St. Louis, Mo.
 Painter E. O. Fertilizer Co., Jacksonville, Fla.
 Peerless Stock Powder Co. ("Nox-a-Bug"), Falls City, Neb.
 Rath Mfg. Co. ("Dead Easy"), Hedley E of Richmond, Phila., Pa.
 Rosenstock Chemical Co. ("Doesem"), 245 W 28th, New York
 Spiritine Chemical Co., Wilmington, N. C.
 Standard Chemical Co., 736 Frankfort av, Cleveland, O.
 Standard Chemical Co. ("Cedo-Cide"), Houston, Texas
 Stearns Electric Paste Co. ("Electric"), 122 S Michigan, Chicago, Ill.
 Virginia Consolidated Chemical Corp., 100 Broadway, New York
 Williams Joseph Co., Sharpsburg, Pa.

6623—Insoles (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

6624—Inspection of Iron, Steel, Concrete & General Construction

Bartholomew M. L. (Testing a Specialty), Phoenixville, Pa.
 Osborn Engineering Co., Engineers' bldg, Cleveland, O.

Inspirators

See Injectors

6625—Instruments (Astronomical)

Bausch & Lomb Optical Co., Rochester, N. Y.
 Berger C. L. & Sons, 35 Williams, Boston, Mass.
 Buff & Buff Mfg. Co., rear 98 Green, Jamaica Plain, Boston, Mass.
 Warner & Swasey Co., Cleveland, O.
 Wissler A., B'way & Wash. av, St. Louis, Mo.

Instruments (Band)

See Instruments, Musical

6626-7—Instruments (Electrical Testing & Measuring)

AMERICAN STEEL & WIRE CO. ("A, S & W" Rail Bond Testers), 203 S La Salle, Chicago, Ill.
See adv index at end of book

Badt-Westburg, Electric Co., 53 W Jackson blvd, Chicago, Ill.

Biddle Jas. G. (Testing), 1211 Arch, Phila., Pa.

BRISTOL CO. ("Bristols"), Waterbury, Conn. *See adv index at end of book*

Brown Instrument Co., Wayne & Windrim avs, Phila., Pa.

Century Electrical Co. ("Century" Field Tester), Syracuse, N. Y.

Chicago Apparatus Co. (For Educational Institutions, etc), 32 S Clinton, Chicago, Ill.

Eldredge Electric Mfg. Co., Springfield, Mass.

Electrical Engineering Co., 21 N 6th, Minneapolis, Minn.

Foote, Pierson & Co. ("Delta" Testing), 160 Duane, New York

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Hickock Electrical Instrument Co., 10514 Dupont, Cleveland, O.

Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.

Lord Mfg. Co. ("Leco" Direct Reading Bono Tester), 105 W 40th, New York

Metropolitan Engineering Co. (Testing Meters), 35 Vestry, New York

Norton Electric Instrument Co., Manchester, Conn.

Queen-Gray Co., 618 Chestnut, Phila., Pa.

Roller-Smith Co. ("Roller-Smith," Measuring), 233 B'way, New York

Sangamon Electric Co., Springfield, Ill.

Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.

Thwing Instrument Co., 33d & Lancaster av, Phila., Pa.

Wagner Electric Mfg. Co., 6400 Plymouth, St. Louis, Mo.

WESTINGHOUSE ELECTRIC & MFG. CO., E. Pittsburgh, Pa.

See adv index at end of book

Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

Wissler A., B'way & Wash av, St. Louis, Mo

6628—Instruments (Hardness Testing)

Pittsburgh Instrument & Machine Co. ("Brinell"), 236 3d av, Pittsburgh, Pa.

Sauveur & Boyleston ("Brinell," Importers), Cambridge, Mass.

SHORE INSTRUMENT & MFG. CO., INC., 557 W 22d, New York

TRADE MARK

BRISTOL'S

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TIME and OPERATION RECORDERS

For recording time of mechanical movements, machine operation, etc. This strip type instrument is designed to record twenty different operations on one chart.

See Bulletin U-138

RECORDING ELECTRIC METERS

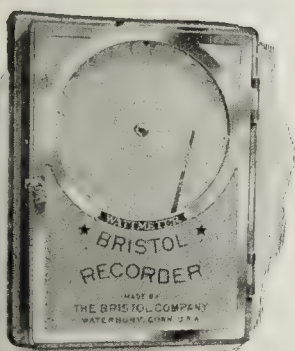
FOR ALL PURPOSES

Volmeters, Ammeters, Wattmeters, Shunt Ammeters, Milli-voltmeters and Frequency Meters. Rugged construction for practical use under ordinary shop conditions.

Branch Offices

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 PITTSBURG SAN FRANCISCO

THE BRISTOL CO., Waterbury, Conn.



6629—*Instruments (Intricate Mechanical)

PLUMB D. S. (Special & to Order), 73 Norfolk, nr Central av, Newark, N. J.
See adv index at end of book

6630—Instruments (Leveling)

Athol Machine Co., Athol, Mass.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book

6631—*Instruments (Manicure)

DU PONT E. I. DE NEMOURS & CO. (The Arlington Wks.), 725-27 B'way, New York

Instruments (Mathematical)

See Instruments, Nautical; also Scientific; also Engineering & Surveying

6632—Instruments (Musical)

Baumgartner Eugene (Flutes, Clarinets & Violins), 829 W 53d pl, Chicago, Ill.
Blessing Emil K. (Band Instrument), Elkhart, Ind.
Bruno C. & Son, 351 4th av, New York
Buescher Band Instrument Co. (Band & Orchestra Instruments), Elkhart, Ind.
Conn Chas. G. Ltd. (Band Instruments), Elkhart, Ind.
Elkhart Musical Instrument Co., Elkhart, Ind.
Holton Frank & Co. (Band), 2638 Gladys av, Chicago, Ill.
Koch Ands (String & Brass, Imp.), 296 B'way, N. Y.
Martin Band Instrument Co. (Band Instruments), Elkhart, Ind.
Niagara Musical Instrument Co. (Automatic), N Tonawanda, N. Y.
Nuss Mfg. Co., Harrisburg, Pa.
Regina Co., Rahway, N. J.
Schmidt Oscar, Ins., 87 Ferry, Jersey City, N. J.
Strauss Bros. & Co. (Imp.), 355 B'way, New York
Welte M. & Sons (Automatic Full Brass Band, etc.), 667 5th av, New York
Whitlock J. W. & Co., Rising Sun, Ind.
Wurlitzer Rudolph Mfg. Co., 117-21 E 4th, Cincinnati, O.

6633—Instruments (Nautical)

Bausch & Lomb Optical Co., Rochester, N. Y.
Bliss Jno. & Co., 128 Front, New York
Cummings Ship Instrument Works, 110 High, Boston, Mass.
Hand Jno. & Sons Co., 222 Walnut, Phila., Pa.
Keuffel & Esser, Hoboken, N. J.
Merrill's R. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Riggs & Bro., 310 Market, Philadelphia, Pa.
Ritchie E. S. & Son, Brookline, Mass.
Rupp Michael & Co. (Imp.), 112 Broad, New York
Wissler A. Instrument & Mfg. Works, B'way & Wash. av, St. Louis, Mo.

6634—Instruments of Precision

Altender Theo. & Sons, 945 Ridge av, Phila., Pa.
Fiego Aeyex, J. R., Lynn, Mass.
Gaertner Wm. & Co. (Measuring), 5349 Lake Park av, Chicago, Ill.
STARRETT L. S. CO., Athol, Mass.
See adv index at end of book
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book
Wissler A., B'way & Washington av, St. Louis, Mo.

6635—Instruments (Optical)

Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.
General Optical Co., 538 1st av, New York
King Julius Optical Co. (Imp.), 10 Maiden la, New York
Limeburner J. E. Co., Phila., Pa.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
Wagner Bros. & Co. (Imp.), 71 W 23d, New York

6635a—Instruments (Photomicrographic)

Sauveur & Boylston ("S. & B."), Cambridge, Mass.

6636—*Instruments (Pocket)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

6637—Instruments (Pole Measuring)

United Electric Supply Co. ("Vertascope"), Marion, Ohio

6638—Instruments (Radii Averaging)

BRISTOL CO. ("Bristol-Durand"), Waterbury, Conn.
See adv index at end of book

6639—Instruments (Recording)

See the Specific Article Required

6640—Instruments (Scientific)

American Scientific Instrument Co., 50 John, New York
Bausch & Lomb Optical Co., Rochester, N. Y.
Beckmann L. Co. (Surveying), Toledo, O.
Buff & Buff Mfg. Co. (Field), rear 98 Green, Jamaica Plains, Boston, Mass.
Dietzgen Eugene Co., 166 W Monroe, Chicago
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
Gaertner Wm. & Co., 5349 Lake Park av, Chicago
Humboldt Mfg. Co., 2014 Nebraska av, Chicago, Ill.
Keuffel & Esser, Hoboken, N. J.
Leupold & Voelpe, 107 E 70th, N, Portland, Ore.
Queen-Gray Co., 618 Chestnut, Phila., Pa.
SHORE INSTRUMENT & MFG. CO., INC. (Scleroscope, Pyroscope, Glass & Rubber Testers), 557 W 22d, New York
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Wissler A., B'way & Washington av, St. Louis, Mo.

6641—Instruments (Surgical & Dental)

American Oil & Supply Co. (Dental), Newark, N. J.
Armstrong Wm. H. Co., 34 W Ohio, Indianapolis, Ind.
Arnold F. & Sons, 310 N Eutaw, Baltimore, Md.
Baird Co., Plainfield, N. J.
Becton, Dickinson & Co., Rutherford, N. J.
Berbert A. & Bro., 430 Sutter, San Francisco, Cal.
Betz Frank S. Co., Hammond, Ind.
Birk John Co., 310 S 3rd, Louisville, Ky.
Bleadow-Dun Co., 15 S Desplaines, Chicago, Ill.
Buffalo Dental Mfg. Co. (Dental Only), Buffalo, N. Y.
Carstens H. Mfg. Co., 567 W Lake, Chicago, Ill.
Chicago Surgical & Electrical Co., 324 W Superior, Chicago, Ill.
Codman & Shurtleff, 120 Boylston, Boston, Mass.
De Vilbiss Mfg. Co., Toledo, O.
De Zeng Standard Co. (Elec. Lighted), Camden, N. J.
Dixon William (Dental), 39 John, New York
Dougherty J. T. (Imp.), 409 W 59th, New York
Dugan-Johnson Co., Meridian, Indianapolis, Ind.
Edwards Instrument Co., 966½ Ft. Wayne av, Indianapolis, Ind.
Electro Dental Mfg. Co. (Dental), 33rd & Arch, Phila., Pa.
Electro Surgical Instrument Co. (Electric Lighted), Rochester, N. Y.
Ernold Geo. Co., 362 2nd av, New York, N. Y.
Feick Bros. Co., 809 Liberty av, Pittsburgh, Pa.
Ford W. F. Surgical Instrument Co., 118 E 59th, New York
Gemrig J. H. & Son, 109 S 8th, Phila., Pa.
Hatteroth William, 228 Powell, San Francisco, Cal.

Hausmann & Dunn Co., 708 S Clark, Chicago, Ill.

Hospital Supply Co., 53 5th av, New York
Jones Wm., Denver, Colo.
Kennedy J. E. & Co., 201 E 23rd, New York
Knauth Bros., 220 4th av, New York
Kny-Scheerer Co. (Illuminated), 404 W 27th, New York
Koch F. A. & Co., 524 B'way, New York
Leach & Greene, 100 Boylston, Boston, Mass.
Lentz Chas. & Sons, 33 S 17th, Phila., Pa.
Low N. S. & Co., 44 Ave. A, New York
McCully R. P. & C. H., 327 Van Buren, Brooklyn, N. Y.
McDermott Surgical Instrument Co., 734 Poydras, New Orleans, La.
Meyerowitz E. B., 237 5th av, New York
Mueller V. & Co., 1779 Ogden av, Chicago, Ill.
Neuhaus C. & Co., 510 N. Eutaw, Baltimore, Md.
Pacific Surgical Mfg. Co., Los Angeles, Cal.
Payne Dental & Surgical Mfg. Co., Matthews, Yonkers, N. Y.
Pedersen Lubricator Co. ("Hartley & Kenyon Outfit for Bone Operation"), 636 First av, New York
Pelton & Crane Co. (Illuminated), Detroit, Mich.
Pilling Geo. P. Son & Co., 23d & Arch, Phila., Pa.
Precision Thermometer & Instrument Co. (The Nicholson "Princo" Sphygmomanometer), 1434 Brandywine, Phila., Pa.
Randall-Faichney Co., Boston, Mass.
Reichardt F. A. & Co., 83 Barclay, New York
Richter Gustav F., 855 De Kalb av, Brooklyn, N. Y.
Schleiffarth Chas. Co., 8 S Broadway, St. Louis, Mo.
Schmid E. Co., 912 Wayne av, Indianapolis, Ind.
Schmid Leopold, 1241 Buttonwood, Phila., Pa.
Sharp & Smith, 155 N Michigan av, Chicago, Ill.
Sklar J. Mfg. Co., 133 Floyd, Brooklyn, N. Y.
Sorenson C. M. Co., 1556 3d av, New York
Specialty Mfg. Co., Spruce, New York
Sterling Mfg. Co., Springfield, O.
Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.
Tiemann Geo. & Co., 107 Park Row, New York
Traux, Greene & Co., 171 N Wabash av, Chicago, Ill.
Tutschek F., 209 Centre, New York
Wappler Electric Co. (Electric Lighted), 173 E 87th, New York
Weder Mfg. Co., Germantown & Stenton, Phila., Pa.
Weniger H., 143 Valencia, San Francisco, Cal.
Western Instrument Co., 1001 Wash. bl., Chicago, Ill.
White S. S. Dental Mfg. Co., 12th & Chestnut, Phila., Pa.
Willis Wm. V. & Co., 134 S 11th, Phila., Pa.
Willms Chas. Surgical Instrument Co., 300 N Howard, Baltimore, Md.
Wilson Instrument & Specialty Co., Passaic, N. J.
Woche Max & Son Co. (Surgical), 19 W 6th, Cincinnati, O.
Zipf A., 3044 Olive, St. Louis, Mo.

6642—Instruments (Telegraph)

Bunnell J. H. & Co. (Also Telegraph Appliances), 32 Park pl, New York
Cutting & Washington, Inc. ("C. & W." Wireless), 26 Portland, Cambridge, Mass. *See adv index at end of book*
Foote, Pierson & Co. (Measuring & Testing Instruments of Precision), 160 Duane, New York
Manufacturers' & Inventors Electric Co. ("Morse Watch"), 29 Gold, New York
Voltamp Elec. Mfg. Co., 407 N Paca, Baltimore, Md.
Western Electric Co., 500 S Clinton, Chicago, Ill. & 463 West, New York

6643—Instruments (Testing, Ammeter & Voltmeter)

National Carbon Co. ("Columbia"), Cleveland, O.

6644—Instruments (Testing, Assayers' & Chemists')

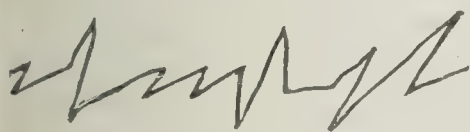
Greiner Emil Co., 55 Fulton, New York

Instruments (Testing & Measuring)

See Instruments, Electrical Testing & Measuring

6645—Instruments (Veterinary)

Koch F. A. & Co., 524 B'way, New York

6646—Instruments (Wireless Telegraph)Adams-Morgan Co., Upper Montclair, N. J.
Atlantic Communication Co., 47 West, New YorkBowman A. W. & Co., Boston, Mass.
Brandes C., 32 Union sq, New York
Bunnell J. H. & Co., 32 Park pl, New York
C. & C. Electric & Mfg. Co., Garwood, N. J.
Clapp-Eastham Co., Cambridge, Mass.
Continental Elec. Co., 1883 Park av, New York**CUTTING & WASHINGTON, INC.** ("C. & W."), 26 Portland, Cambridge, Mass.
See adv index at end of book**Cutting & Washington, Inc.**

RADIO ENGINEERS AND MANUFACTURERS

TWENTY-SIX PORTLAND STREET

CAMBRIDGE, MASSACHUSETTS

De Forest Radio Telephone & Telegraph Co., 1391 Sedgwick av, New York
Doron Bros. Elec. Co., Hamilton, O.
Doubleday-Hill Elec. Co., 719 Liberty, Pittsburgh, Pa.

Electro Importing Co., 233 Fulton, New York

Electrical Industries Mfg. Co., 328 W 41st, New York

General Radio Co., 11 Windsor, Cambridge, Mass.

Haller-Cunningham Electric Co. (Marine), 428 Market, San Francisco, Cal.

Holtzer-Cabot Elec. Co., 125 Amory, Boston, Mass.

Jefferson Elec. Mfg. Co., 847 W Harrison, Chicago, Ill.

Kilbourne & Clark Mfg. Co., Seattle, Wash.

Manhattan Electrical Supply Co., 17 Park pl, New York

Marconi Wireless Telegraph Co., 233 B'way, New York

Martin Vibroplex & Mecograph Co., 253 B'way, New York

Menominee Elec. Mfg. Co., Menominee, Mich.

Mignon Wireless Corp., Elmira, N. Y.

Murdock W. J. Co., Chelsea, Mass.

National Electric Signaling Co., Farmers' Bank bldg, Pittsburgh, Pa.

Pittsburgh Wireless Equipment Co., Ridgeway, Pa.

Radio Apparatus Co., Pottstown, Pa.

Radio Apparatus Co., Parkway bldg, Phila., Pa.

Radio Elec. Spec. Co., 12 S Jefferson, Chicago, Ill.

Ritchie E. S. & Sons, Brookline, Mass.

Tuthton Elec. Co., New York City

Simon Emil J., 50 Church, New York

Turney Eugene T. Co., 2595 3d av, New York

Wireless Improvement Co., 81 New, N. Y.

Wireless Mfg. Co., Canton, O.

Wireless Specialty Apparatus Co., C. & Fargo, Boston, Mass.

Woodside Elec. Shops Co., Homer pl, Metuchen, N. J.

6647— Insulating Asphalt

Byerley & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.

General Roofing Mfg. Co. ("Gillsonite"), Boatman's Bank bldg, St. Louis, Mo.
Standard Asphalt & Rubber Co. ("Sarco" Asphalt Gum), 208 S La Salle, Chicago, Ill.

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

Texas Co., 17 Battery pl, New York

Warren Chemical & Mfg. Co., 17 Battery pl, New York

Watson H. F. Co., Erie, Pa.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book**6647a— *Insulating (Brick)**

Didier-March Co. (Kieselguhr), (Insulating Brick), Perth Amboy, N. J.

Insulating Press Boards

See Press Boards

6648—Insulating Rubberized Asbestos

Boonton Rubber Co., Boonton, N. J.

6649—Insulating Saddle Staples

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.

Insulating Solder, Paste, Salts, Etc.

See Soldering Flux, Paste, Salts & Stick

6650—Insulation (Cold Storage & Refrigerator)All Roofing Mfg. Co., East St. Louis, Ill.
Armstrong Cork & Insulation Co. ("Nonpareil," "Acme" & "Eureka") Corkboard; also Granulated Cork), 24th & A. V. R.R., Pittsburgh, Pa.

Banner Rock Products Co., Alexandria, Ind.

Barrett Co. (Insulating Rope), 17 Battery pl, New York

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.

Cork Insulation Co. ("Excelsior," Corkboard), Claremont, N. J.

Federal Asbestos Co., Milwaukee, Wis.

Hydrox Felt & Engineering Co., 120 Liberty, New York

Johns H. W.-Manville Co. ("Keystone" Hair, "J-M" Sheet Cork, "J-M" Granulated Cork, "J-M" Hair Felt), Madison av & 41st, New York

Kieselguhr Co. of America, Van Nuys bldg, Los Angeles, Cal.

National Insulating & Mfg. Co., Indianapolis, Ind.

Northern Insulating Co. ("Flaxlinum"), 1340 University av, St. Paul, Minn.

Union Fibre Co. ("Linofelt," Water-proof Lith & Cork Boards), Winona, Minn.

Union Insulating Co., Great Northern bldg, Chicago, Ill.

United Cork Cos. ("Star" & "Crescent", Cork Board), 50 Church, New York

U. S. Gypsum Co. ("Pyrobar" Gypsum Tile), 205 W Monroe, Chicago, Ill.

Watson H. F. Co., Erie, Pa.

White Enamel Refrigerator Co., St. Paul, Minn.

Wyckoff A. & Son Co. (Wood Water-proof), Elmira, N. Y.

6651-2-3—Insulation (Cork)

Armstrong Cork & Insulation Co. ("Nonpareil," "Acme" & "Eureka") Corkboard & Granulated Cork), 24th & A. V. R.R., Pittsburgh, Pa.

Banner Rock Products Co. ("Rock"), Alexandria, Ind.

Cork Insulation Co. ("Excelsior" Corkboard), Claremont, N. J.

Federal Asbestos Co. (Cork Board), Milwaukee, Wis.

Union Fibre Co. ("Union" Cork Board), Winona, Minn.

United Cork Co. ("Star," "Crescent"), 50 Church, New York

Insulation (Hair Felt)

See Felts, Hair

6654— Insulation (Horn)

Diamond State Fibre Co. ("Disfco"), Elsmere, Del.

6655—Insulation (Moulded Heat-Proof)

American Hard Rubber Co., 9 Mercer, New York

Auburn Button Works, Auburn, N. Y.

Boonton Rubber Co. ("Bakelite"), Boonton, N. J.

Condensite Co. of America, Bloomfield, N. J.

Cutler-Hammer Mfg. Co., 1200 St. Paul av, Milwaukee, Wis.

See adv index at end of book

Dickinson Mfg. Co. ("Sternoid" & "Sternoid-Condensite"), Springfield, Mass.

Durand Mfg. Co., 213 Chestnut, Newark, N. J.

Electrose Mfg. Co., 70 Washington, Brooklyn, N. Y.

General Bakelite Co., 2 Rector, New York

General Insulate Co. ("Insulite" Rubber Substitute), 1008 Atlantic av, Brooklyn, N. Y.

Hemming Mfg. Co., Garfield, N. J.

Johns H. W.-Manville Co., Madison av & 41st, New York

Luzerne Rubber Co., Trenton, N. J.

Remy Electric Co. ("Bakelite"), Anderson, Ind.

Scranton Button Co., Scranton, Pa.

Siemon Hard Rubber Corp., Bridgeport, Conn.

Stokes J. Rubber Co., Trenton, N. J.

Vulcanized Products Co., Muskegon, Mich.

6656—Insulation (Rail Joint)

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.

Standard Fibre Co., Miller St., Somerville, Mass.

6657—*Insulation (Refrigerator Car)

White Enamel Refrigerator Co., St. Paul, Minn.

6658—Insulation (Switch Rod)

Spaulding J. & Sons Co., P. O. Box 52, Tonawanda, N. Y.

See adv index at end of book

Standard Fibre Co., Miller st, Somerville, Mass.

Whall C. H. Co. ("Whall's" Fibre), 170 Summer, Boston, Mass.

6659-60—Insulation (Track)

Continental Fibre Co. ("Continental-Bakelite"), Newark Centre, Del.

Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.

See adv index at end of book

Standard Fibre Co., Miller St., Somerville, Mass.

Whall C. H. Co. ("Whall's" Fibre), 170 Summer, Boston, Mass.

6661—Insulator Pins & Brackets

American Cross Arm Co., 332 S Michigan av, Chicago, Ill.

Barden Electric & Machinery Co., Houston, Tex.

Bissel F. Co., Toledo, O.

Blue Ridge Locust Pin Co., Dillsboro, N. C.

Brady Electric Mfg. Co. (Steel), New Britain, Conn.

Call Clarence (Locust), No. Wilkesboro, N. C.

Central Lumber Co., Chattanooga, Tenn.

Central Telephone & Elec. Co. ("Bois d'Arc"), 310 N. 11th, St. Louis, Mo.

Cohn & Bock Co. (Wood), Princess Ann, Md.

Cottage Planing Mill Co., Everett, Pa.

Creaghead Engineering Co. ("Creaghead," Malleable Iron), 340 Main, Cincinnati, O.

DIAMOND EXPANSION BOLT CO.

("Ajax"), 89 West, New York

See adv index at end of book

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.

Electrical Construction Supply Co. ("Chubbuck"), Springfield, O.

Electrical Engineers Equipment Co. (Metal), 711 Meridian, Chicago, Ill.

Electrose Mfg. Co. ("Electrose," Insulator Pins, etc), Washn & Plymouth, Brooklyn, N. Y.

Endsley J. W. (Wood), Somerfield, Pa.
 Estes E. B. & Sons (Pins), 358 5th av,
 New York *See adv index at end of book*
 Garton W. R. Co. ("Hivol," "Mabir"), 17
 S Desplaines, Chicago, Ill.
 Gravely B. S. & R. P. (Locust Pins, etc),
 Martinsville, Va.
 Hallett Iron Works (Steel), S Wood & B.
 & O. C. T. R. R., Trks. Harvey, Chi-
 cago, Ill.
 Harvard Electric Co., 525 W Van Buren,
 Chicago, Ill.
 Houston & Liggett (Live & White Oak,
 Gum & Elum), Houston, Texas
 Hubbard & Co. (Steel), 63rd & Butler,
 Pittsburgh, Pa.
 Illinois Malleable Iron Co., 1801 Diversey
 blvd, Chicago, Ill.
See adv index at end of book
 Joslyn Mfg. & Supply Co. (Wood), 133
 W Washington, Chicago, Ill.
 Lanz M. & Sons, 2907 Carson, Pittsburgh,
 Pa.
 Line Material Co., So. Milwaukee, Wis.
 Locke Insulator Mfg. Co. (Iron), Victor,
 N. Y.
 Locust Pin Co. (Locust Pins), Front Roy-
 al, Va.
 Marcus Harris & Sons Co. (Wood), Mus-
 coda, Wis.
 Minerallac Electric Co. ("Unity" Wood),
 1045 Washington blvd, Chicago, Ill.
 Morris Iron & Steel Co. (Iron), Fred-
 erick, Md.
 Mueller Wm. & Co. (Wood), 332 S Michi-
 gan, Chicago, Ill.
 National Pin & Bracket Co., North Ver-
 non, Ind.
 Oliver Iron & Steel Co. (Steel), S 10th &
 Muriel, Pittsburgh, Pa.
 Petertyl Victor (Wood), Traverse City,
 Mich.
 Pettingell Andrews Co. ("Exemplar"), 166
 Pearl, Boston, Mass.
 Phila. Electrical & Mfg. Co., 1236 N 31st,
 Phila., Pa.
 Pilliod Lumber Co. (Wood), Swanton, O.
 Ridlon Frank Co. ("Rogers," Bracket),
 261 Franklin, Boston, Mass.
 Robinia Pin Co. (Locust Pins), Shippens-
 burg, Pa.
 Steel Car Forge Co. (Steel), Pittsburg,
 Pa.
 Texas Arm & Pin Co. (Wood), Beaumont,
 Tex.
 U. S. Bobbin & Shuttle Co. (Wood), 57
 Eddy, Providence, R. I.
 Valley Forging Co. ("Pittsburg" Steel
 Cross Arm & Pole Top Pins), Ver-
 ona, Pa.
 Western Lumber & Pole Co. (Wood), Den-
 ver, Colo.
 Wiebel L. H., Hagerstown, Md.

6662— Insulator Supports

Steel City Electric Co. ("Universal" for
 Steel Work), 1207 Columbus av, Pitts-
 burgh, Pa.

6663—Insulators (Arc Lamp)

Insulators or Hangers

Ayer F. H. Mfg. Co., Chicago Heights, Ill.
 Brady Elec. Mfg. Co., New Britain, Conn.
 Commercial Electrical Supply Co., 15th &
 Pine, St. Louis, Mo.
 Creaghead Engng. Co., 340 Main, Cincin-
 nati, O.
 Cutter Geo. Co. ("Cutter's"), South Bend,
 Ind.
 Electrical Constr. Supply Co., Springfield,
 Ohio
 Electrore Mfg. Co., 70 Washington, Brook-
 lyn, N. Y.
 Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO. (Hangers),
 Schenectady, N. Y.
See adv index at end of book
 Harrison Electric Co., 411 Van Brunt,
 Brooklyn, N. Y.
 Heben Dahl J. P. Co., Elizabeth, N. J.
 Hemming Mfg. Co., Garfield, N. J.
 High Tension Elec. Spec. Co., Newton,
 Mass.
 Hubbard & Co., 63rd & Butler, Pittsburgh,
 Pa.
 Johns H. W.-Manville Co. (Moulded),
 Madison av & 41st, New York
 Johns-Pratt Co., The ("Moulded Mica"
 Stud & Straight Hanger), Hartford,
 Conn.
 Line Material Co. ("Kyle"), S Milwaukee,
 Wis.
 Lundin Elec. & Mach. Co., 10 Thatcher,
 Boston, Mass.

Macallen Co., 16 Macallen, S, Boston,
 Mass.
 Metropolitan Engng. Co., 35 Vestry, New
 York
 Morris Iron & Steel Co., Frederick, Md.
 National Sewing Mach. Co., Belvidere, Ill.
 Phila. Elec'l & Mfg. Co., 1236 N 31st,
 Phila., Pa.
 Western Electro Mechanical Co., 465 2d,
 Oakland, Cal.
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book

6664— Insulators (Canopy)

Bechtold E. E. ("E. E. B."), 1928 Wabash
 av, Chicago, Ill.
 Dale Lighting Fixture Co., 107 W 13th,
 New York
 Macallen Co., 16 Macallen, South Boston,
 Mass.
 Mica Insulator Co. ("Young"), 68 Church,
 New York
 Mitchell, Vance Co., 507 W 24th, New
 York
 Stanley A. F., New York City
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book
 Wilmington Fibre Specialty Co., Wilming-
 ton, Del. *See adv index at end of book*

6665—Insulators (Cross-over)

Cook Pottery Co. (Wedge Porcelain),
 Trenton, N. J.

6666—Insulators (Feed Wire)

GENERAL ELECTRIC CO., Schenectady,
 N. Y. *See adv index at end of book*

Insulators (Fibre)

See Fibre, Hard

6667— Insulators (Glass)

Brookfield Glass Co. ("Brown," "Crown,"
 "Columbia," "Safety," "Combination,"
 "Mershon," "Edison," "Jumbo," Tele-
 phone, Telegraph & Electric Light), 2
 Rector, New York
 Cumberland Glass Mfg. Co., Bridgeton,
 N. J.
 Haskins Glass Co., Wheeling, W. Va.
 Hemingray Glass Co. ("Muncie Type,"
 "Triple Peticcoat," "Prove Type"),
 Covington, Ky.
 Joslyn Mfg. & Supply Co., Chamber of
 Comm. bldg, Chicago, Ill.
 Locke Insulator Mfg. Co. ("Boro-Silica,"
 Suspension & Pin Type), Victor, N. Y.
 Rodefer Glass Co. The, Bellaire, O.
See adv index at end of book
 Whitall-Tatum Co., 410 Race, Phila., Pa.

6668— Insulators (Hair)

Johns H. W.-Manville Co. ("Keystone"),
 Madison av & 41st New York
 Keystone Hair Insulator Co., 1243 Spring
 Garden, Pittsburgh, Pa.

6669— Insulators (Lava)

American Lava Co. ("Alco"), Chatta-
 nooga, Tenn.
See adv index at end of book

6670—Insulators (Mine Feeder Wire)

Sackett Mine Supply Co., Columbus, O.
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book

6671—Insulators (Moulded Mica)

Johns-Pratt Co., The, (Wireless, Trolley
 Wire, Guy Wire, Telephone & Tele-
 graph), Hartford, Conn.
 Macallen Co., 16 Macallen, So. Boston,
 Mass.

Insulators (Paper, for Cables)

See Sleeves, Paper

6672—Insulators (Porcelain or Clay)

Akron Smoking Pipe Co. (Clay & Porce-
 lain Tubes), Mogadore, O.
 Anderson Albert & J. M. Mfg. Co., (Por-
 celain Strain), 289 A., Boston, Mass.
 Colonial Sign & Insulator Co. ("Poke"
 Telephone), Akron, O.

Cook Pottery Co. (Porcelain), Trenton,
 N. J.
 Davidson & Stevenson Porcelain Co., East
 Liverpool, O.
 Electric Porcelain & Mfg. Co. (Of All
 Kinds), Trenton, N. J.
 Freeman E. H. Electric Co. (Porcelain),
 Trenton, N. J.
 Hartford Faience Co. (Porcelain), Hart-
 ford, Conn.
 Imperial Porcelain Works (Porcelain,
 Transmission), Trenton, N. J.
 Jeffery-Dewitt Co., Butler av & Grand
 Trunk Ry, Detroit, Mich.
 Locke Insulator Mfg. Co., Victor, N. Y.
 National Porcelain Co., Trenton, N. J.
 Ohio Brass Co. ("O-B"), Mansfield, O.
 Pass & Seymour, Solvay, N. Y.
 Pittsburgh High Voltage Insulator Co.
 (Porcelain High Screw Voltage),
 Derry, Pa.
 Snyder Hunt Co., Belle Plaine, Iowa.
 Star Porcelain Co., Trenton, N. J.
 Thomas R. & Sons Co., Lisbon, O.
 Trenton Porcelain Co., Trenton, N. J.
 Union Electrical Porcelain Works, Tren-
 ton, N. J.
 Union Porcelain Works (Porcelain), 300
 Eckford, Brooklyn, N. Y.
 United States Expansion Bolt Co. (Ex-
 pansion Bolt Single-piece, Complete),
 Duane & Elm, New York
WESTINGHOUSE ELECTRIC & MFG. CO.,
 East Pittsburgh, Pa.
See adv index at end of book
 White T. C. Co. (Porcelain), 1122 Pine,
 St. Louis, Mo.

6673— Insulators (Strain)

See also Trolley Line Materials

Creaghead Engng. Co. ("Bourbon"), 340
 Main, Cincinnati, O.
 Electric Service Supplies Co. ("Keystone
 Giant"), 17th & Cambria, Phila., Pa.
 Electrore Mfg. Co. ("Electrore," "Safety,"
 "Disc," Thimble, Hood, Spool & Rod
 Type Insulators & Insulating Strains),
 70 Washington, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady,
 N. Y. *See adv index at end of book*
 General Insulate Co., 1003 Atlantic av,
 Brooklyn, N. Y.
 Johns H. W.-Manville Co. ("J-M"), 41st &
 Madison av, New York
 Johns-Pratt Co., The ("Moulded Mica"
 Wood), Hartford, Conn.
 Locke Insulator Mfg. Co. ("Victor"), Vic-
 tor, N. Y.
 Macallen Co., 16 Macallen, So. Boston,
 Mass.
 Mathias-Hart Co., 516 Atlantic av, Bos-
 ton, Mass.
 Morris Iron & Steel Co., Frederick, Md.
 Ohio Brass Co., Mansfield, O.
 Pass & Seymour, Solvay, N. Y.
 Phila. Electrical & Mfg. Co. ("Pemco,"
 Wood), 1236 N 31st, Phila., Pa.
 Piqua Handle & Mfg. Co., P. O. Box 307,
 Piqua, O.
WESTINGHOUSE ELECTRIC & MFG. CO.,
 East Pittsburgh, Pa.
See adv index at end of book
 White T. C. Co. (Porcelain), 1122 Pine,
 St. Louis, Mo.

6674—Insulators (Swinging)

Line Material Co., So. Milwaukee, Wis.

6675—Insulators (Third Rail)

See also Trolley Line Materials

Akron Smoking Pipe Co., Mogadore, O.
 American Vulcanized Fibre Co. (Fibre),
 504 Equitable bldg, Wilmington, Del.
 Anderson Albert & J. M. Mfg. Co. ("Aet-
 na"), 289 A, Boston, Mass.
 Colonial Sign & Insulator Co. (Clear &
 Semi-Porcelain), Akron, O.
 Continental Fibre Co. ("Bakelite-Delecto"
 & Vulcanized Fibre), Newark Centre,
 Del.
DELAWARE HARD FIBRE CO. (Hard
 Fibre), Wilmington, Del. Works: Mar-
 shallton, Del.
See adv index at end of book
 Diamond State Fibre Co. (Hard Fibre),
 Elsmere, Del.
 Electric Service Supplies Co., 17th & Cam-
 bria, Phila., Pa.
 Electrore Mfg. Co. ("Electrore"), 70 Wash-
 ington, Brooklyn, N. Y.
 Hemming Mfg. Co., Garfield, N. J.
 Johns H. W.-Manville Co., Madison av &
 41st, New York

National Fibre & Insulation Co. (Fibre),
Yorklyn, Del.
Ohio Brass Co. (Semi-Porcelain), Mans-
field, O.
Shaw Insulator Co., 5 Kirk pl, Newark,
N. J.
Standard Fibre Co. (Hard Fibre), Miller St.,
Somerville, Mass.
Thomas R. & Sons Co. (Porcelain), Lis-
bon, O.
WILMINGTON FIBRE SPECIALTY CO.
("Fyberoid"), Wilmington, Del.
See adv index at end of book

6676—Insulators (Tree & Wall)

Anderson Albert & J. M. Mfg. Co., 289 A,
Boston, Mass.
Brodie Elec'l & Auto Co., Manchester,
N. H.
Brookfield Glass Co., 2 Rector, New York
Cutter Geo. Co., South Bend, Ind.
Cutter Scott C. ("Scott & Cutter" Glass),
Oswego, Ill.
Dickinson Mfg. Co., ft. of Mechanics,
Springfield, Mass.
Fletcher Mfg. Co., Dayton, O.
General Insulate Co., 1008 Atlantic av,
Brooklyn, N. Y.
Line Material Co. ("Ajax"), So Milwau-
kee, Wis.
Marlatt S., Richmond, Ind.
Ohio Brass Co., Mansfield, O.
Olmstead W. H. Mfg. Co., 526 Townsend
av, Detroit, Mich.
Ridlon Frank Co. ("Rogers," Tree), 261
Franklin, Boston, Mass.
U. S. Gypsum Co., 205 W Monroe, Chi-
cago, Ill.
Wetmore-Savage Co., 76 Pearl, Boston,
Mass.

6677—Insulators (Trolley Wire Sec- tion)

Flood City Mfg. Co. ("H. H." for Mine
Section), Johnstown, Pa.

6678—Insurance (Accident)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 68 William, New
York
Employers' Liability Assurance Corpora-
tion (Ltd.), of London, England, Sam-
uel Appleton, Manager & Attorney for
U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New
York
Frankfort General Insurance Co., 123 Wil-
liam, New York
General Accident Insurance Co., 421½
Walnut, Phila., Pa.
London Guarantee & Accident Co., 134 La
Salle, Chicago, Ill.
Maryland Casualty Co., North & Fay, Bal-
timore, Md.
New Amsterdam Casualty Co., 59 John,
New York
North American Accident Insurance Co.,
209 S La Salle, Chicago, Ill.
Ocean Accident & Guarantee Corp., 59
John, New York
Philadelphia Casualty Co., 419 Walnut,
Phila., Pa.
referred Accident Ins. Co., 80 Maiden la,
New York
Standard Accident Ins. Co., Detroit, Mich.
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New York
U. S. Health & Accident Insurance Co.,
Saginaw, Mich.

6679—Insurance (Employers' Lia- bility)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 68 William, New
York
Employers' Liability Assurance Corpora-
tion (Ltd.), of London, England, Sam-
uel Appleton, Manager & Attorney for
U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New
York
Frankfort General Insurance Co., 123 Wil-
liam, New York
General Accident Insurance Co., 421½
Walnut, Phila., Pa.
London Guarantee & Accident Co., of Lon-
don, England, 55 John, New York
Maryland Casualty Co., North & Fay, Bal-
timore, Md.

New Amsterdam Casualty Co., 59 John,
New York
Ocean Accident & Guarantee Corp., 59
John, New York
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New
York
U. S. Fidelity & Guaranty Co., Calvert &
German, Baltimore, Md.

Insurance (Health)

See Insurance, Accident

6680—Insurance (Indemnity Bond)

American Bonding Co. of Baltimore, Fi-
delity bldg, Baltimore, Md.
American Fidelity Co., Montpelier, Vt.
American Surety Co., 100 B'way, New York
Employers' Liability Assurance Corpora-
tion (Ltd.), of London, England, Sam-
uel Appleton, Manager & Attorney for
U. S., 33 Broad, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New
York
Fidelity & Deposit Co., Fidelity bldg,
Baltimore, Md.
Guarantee Co. of North America, 111
B'way, New York
National Surety Co., 115 B'way, New
York, & The Rookery, Chicago, Ill.
Ocean Accident & Guarantee Corp., 59
John, New York
Pacific Surety Company, First Nat'l Bank
bldg, San Francisco, Cal.
Travelers Insurance Co., Hartford, Conn.
U. S. Fidelity & Guaranty Co., Calvert &
German, Baltimore, Md.

6681—Insurance & Inspection (Ele- vator)

See also Insurance, Indemnity Bond
Travelers Insurance Co., Hartford, Conn.

6682—Insurance & Inspection (Steam Boiler)

Employees' Indemnity Co. of Philadelphia,
331 Walnut, Phila., Pa.
Fidelity & Casualty Co., 97 Cedar, New
York
Hartford Steam Boiler Inspection & In-
surance Co., Hartford, Conn.
Maryland Casualty Co., North & Fay,
Baltimore, Md.
Ocean Accident & Guarantee Corp., 59
John, New York
Pacific Surety Company, First Nat'l Bank
bldg, San Francisco, Cal.
Philadelphia Casualty Co., 419 Walnut,
Phila., Pa.
Travelers Insurance Co., Hartford, Conn.
U. S. Casualty Co., 80 Maiden la, New
York

6683—Intensifiers

Bethlehem Steel Co., South Bethlehem,
Pa.
Chambersburg Engineering Co., Chambers-
burg, Pa.
Garrison A. Foundry Co., 901 Bingham,
Pittsburgh, Pa.
Hydraulic Press Mfg. Co. (Hydraulic),
Mt. Gilead, O.
Mackintosh-Hemphill & Co. (Hydraulic),
Pittsburgh, Pa.
Mesta Machine Co., Pittsburgh, Pa.
See adv index at end of book
MORGAN ENGINEERING CO. (Hydrau-
lic), Alliance, O.
See adv index at end of book
United Engineering & Foundry Co. (Air,
Hydraulic & Steam, Compound or
Double), 307 5th av, Pittsburgh, Pa.
Wood R. D. & Co. (Hydraulic, Single &
Multiple), 400 Chestnut, Phila., Pa.

6684—Intercoolers (Air)

GRISCOM-RUSSELL CO., 92 West, New
York. *See adv index at end of book*
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Worthington Pump & Machy. Corp., 115
B'way, New York

Interior Building Trim (Steel, Bronze, Etc.)

See Interior Trim, Hollow Metal

6685—Interior Finish (Wholesale Mfrs.)

*See also Interior Hardwood Work Manu-
facturers & Erectors*

American Sash & Door Co., Kansas City,
Mo.
Armstrong Landon Co., Kokomo, Ind.
Baltimore Sash & Door Co., cor. Howard
& West, Baltimore, Md.
Bardwell-Robinson Co., 24th av, N & 2nd,
Minneapolis, Minn.
Berlin Mills Co., Portland, Me.
Bloom Alfred Co., Omaha, Neb.
Brockway-Smith Corp., 98 Canal, Boston,
Mass.
California Mfg. Co., 2243 S Troy, Chi-
cago, Ill.
Calmar Mfg. Co., Calmar, Ia.
Carter-Phelps Mfg. Co., Keokuk, Ia.
Central Sash & Door Co., Topeka, Kan.
Central Wood Turning Co. (To Order
Only), 610 Main, N E, Minneapolis,
Minn.
Champlain Mfg. Co., Burlington, Vt.
Chicago Millwork Supply Co., 1404 W 37th,
Chicago, Ill.
Cream City Sash & Door Co., 601 Park,
Milwaukee, Wis.
Cullen & Vaughn Co., 450 Dayton, Hamil-
ton, O.
Curtis Bros. & Co., Clinton, Ia.
Curtis & Yale Co., Wausau, Wis.
Cypress Lumber Co. (Wholesale Mfrs.),
88 Broad, Boston, Mass.
Dudley Sash, Door & Lbr. Co., Columbus,
Ga.
Edmunds Mfg. Co., 1220 S Robey, Chicago,
Ill.
Enochs Lumber & Mfg. Co., Jackson,
Miss.
Farley & Loetscher Mfg. Co., Dubuque,
Ia.
Fitzgerald, Speer Co., Pen Argyle, Pa.
Foster-Munger Co., 1404 W 37th, Chicago,
Ill.
Gauger Jno. A. & Co., 1434 W 22d, Chi-
cago, Ill.
Gordon, Vantine Co., Davenport, Ia.
Gould Mfg. Co., Oshkosh, Wis.
Grand Rapids Lumber Co., Grand Rapids,
Mich.
Gravois Planing Mill Co., Minnesota &
Junata, St. Louis, Mo.
Gribben Lumber Co., 975 E 7th, St. Paul,
Minn.
Hafner Mfg. Co., Main & Dock, St. Louis,
Mo.
Hardin D. Co., Saginaw, Mich.
Hilgen Mfg. Co., Cedarburg, Wis.
Huttig Mfg. Co., Muscatine, Ia.
Hyde-Murphy Co., Ridgway, Pa.
Indiana Lumber & Mfg. Co., South Bend,
Ind.
Iroquois Door Co., Buffalo, N. Y.
Kaaz Mfg. Co., Atchison, Kan.
Kertscher & Co., Elmira, N. Y.
Knoxville Lumber & Mfg. Co. (For Trade
Only), Knoxville, Tenn.
Kuebler J. M. Co., Wausau, Wis.
Kuhn Sash & Door Co., 204 N E 7th,
Minneapolis, Minn.
Kurtz Bros., Bethlehem, Pa.
Lecoutour Bros. Stair Mfg. Co., 4523 Shaw
av, St. Louis, Mo.
Lestershire Lbr. & Box Co., Lestershire,
N. Y.
Loetscher & Burch Mfg. Co., Des Moines,
Ia.
Luick Bros. & Co., Ann Arbor, Mich.
McClelland T. W. Co., Davenport Ia.
McMillen R. Co., Oshkosh, Wis.
Menasha Mfg. Co., Menasha, Wis.
Morgan Co., Oshkosh, Wis.
Murray & Hill Co. (Hardwood & Cabinet
Work), Southern blvd 143d, New
York
Nauman Co., Waterloo, Ia.
Nelson Lumber & Mfg. Co., 372 Dublin
av, Columbus, O.
North Vernon Lumber Co., North Ver-
non, Ind.
Northwestern Lumber Co., Stanley, Wis.
Osgood & Blodgett Mfg. Co., E 7th & Du-
luth St. Paul, Minn.
Paine Lumber Co. (Ltd.), Oshkosh, Wis.
Peck J S & Son, Cedarington, O.
Preston W. A., Benton Harbor, Mich.
Pyrone Process Co., 20 E Gay, Columbus,
Ohio
Radford Sash & Door Co., 1827 Prairie
av, Chicago, Ill.
Raugh Construction Co., 2835 E 51st,
Cleveland, O.
Redwood Mfrs. Co., Oakland, Cal.
Rhinesmith & Simonson, Fort Wayne, Ind.

Riggs Cypress Co. (Ltd.), (Cypress), Pat-
terson, La.
Roberts Sash & Door Co., 920 W 20th,
Chicago, Ill.
Rock Island Sash & Door Works, Rock
Island, Ill.
Rockwell Mfg. Co., 572 Park, Milwaukee,
Wis.
Roehr Co., Bucyrus, O.
St. Croix Paper Co. (& White Pine Sid-
ing), 244 Washington, Boston, Mass.
Mills: Woodland, Me.
St. Louis Sash & Door Works, B'way &
Destrehan, St. Louis, Mo.
Sayre-Newton Lumber Co., 23d & Blake,
Denver, Col.
Scott-Graff Lumber Co., Duluth, Minn.
Seattle Cedar Lumber Mfg. Co., Seattle,
Wash.
Springfield Planing Mill, Lumber & Con-
struction Co., Springfield, Mo.
Stearns A. T. Lumber Co., 100 Taylor,
Neponset, Boston, Mass.
See adv index at end of book
Stillwater Mfg. Co., Stillwater, Minn.
Stone R. B. & Co., Spencer, Mass.
Stuhlmiller Mantel Works, Buffalo, N. Y.
Thomas Jos. & Son, 836 Leadenhall, Balti-
more, Md.
Uhrich Planing Mill Co. (Specializing
Cabinet Trim), Independence, Kan.
Veit Mfg. Co., Grand Rapids, Mich.
Wabash Cabinet Co., Wabash, Ind.
Waccamaw Lumber Co., Bolton, N. C.
Washburn, Williams & Co., Scranton, Pa.
Western Sash & Door Co., Kansas City,
Mo.
Whatcom Falls Mill Co. (Red Cedar),
Bellingham, Wash.
Wheeler-Osgood Co. (Yellow Fir), Taco-
ma, Wash.
Whitmer-Jackson Sash & Door Co., Clevel-
and, O.
Williams & Hunting Co., Cedar Rapids
Ia.

6686—Interior Hardwood Work (Mfrs. & Erectors)

American Car & Foundry Co. (Jackson &
Sharp Plant), ft. E 8th, Wilmington,
Del.
Ammann Mfg. & Const. Co., 163 Av D,
New York
Ayers-Witmer Lumber Co., Niagara Falls,
N. Y.
Batavia & New York Wood-Working Co.,
Batavia, N. Y.
Baumgarten Wm. & Co., 715 5th av, New
York
Bering Mfg. Co., Houston, Tex.
BISHOP J. W. CO., 109 Foster, Worces-
ter, Mass.
Bossert Louis & Son, 1335 Grand, Brook-
lyn, N. Y.
Boulia-Gorrell Lumber Co., Lakeport, N. H.
Bush Bros., Royersford, Pa.
Calmer Mfg. Co., Calmar, Ia.
Carr-Ryder & Adams Co., Dubuque, Ia.
Central Wood Turning Co., 610 Main, N
E, Minneapolis, Minn.

Chicago Millwork Supply Co., 1404 W 37th,
Chicago, Ill.
Cullen & Vaughn Co., 450 Dayton, Hamil-
ton, O.
Curtis Bros. & Co., Clinton, Ia.
Curtis & Yale Co., Wausau, Wis.
Carr & Baal Co., Des Moines, Ia.
Edmunds Mfg. Co., 1220 S Robey, Chi-
cago, Ill.
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Flint Geo. C. Co., 20 W 36th, New York
Fort Wayne Builders Supply Co., Fort
Wayne, Ind.
Hamburger E. & Co., 139 Emerson pl.,
Brooklyn, N. Y.
Hayden Co., 520 5th av, New York
Heise & Bruns Mill & Lumber Co., 600 S
Caroline, Baltimore, Md.
Herts Bros. Co., 20 W 57th, New York
Hess D. S. & Co., 3 E 40th, New York
Hofstatter Theo. & Co., 668 5th av, New
York
Hopeman Bros. Lumber & Mfg. Co., Ro-
chester, N. Y.
Houston Planing Mill, Houston, Tex.
Houston Show Case & Mfg. Co., Houston,
Tex.
Huttig Mfg. Co. (Wholesale Mfrs.), Mus-
catine, Ia.
Hyde-Murphy Co., Ridgway, Pa.
Jamestown Mantel Co., Falconer, N. Y.
Jobst B. J., Paxton blk., Omaha, Neb.
Kertscher & Co., Elmira, N. Y.
Kimbel A. & Son, 12 W 40th, New York
Kleeman Wm. & Co., 479 1st av, New
York
Kratt George, Lorain, O.
Kurtz Bros., Bethlehem, Pa.
Lafayette Lumber Co., Lafayette, Ind.
Lindbeck Chas Jamestown N Y
Loetscher & Burch Mfg. Co., Des Moines,
Ia.
Maclean J. S., Spring & Water, Colum-
bus, O.
Mansfield Lumber Co., Mansfield, O.
Matthews Bros. Mfg. Co., 61 4th, Mil-
waukee, Wis.
Mertz's Geo. Sons, Port Chester, N. Y.
Mitchell Robert Furniture Co., 622 Race,
Cincinnati, O.
Nelson & Co., Jamestown, N. Y.
New York Wood Working Corp., 502 E
19th, New York
Osgood & Blodgett Mfg. Co., Duluth av &
E 7th, St. Paul, Minn.
Palen's H. W. Sons, Kingston, N. Y.
Pinches John & Sons, New Britain, Conn.
Pottier & Stymus Co., 375 Lex av, New
York
Rambusch Decorating Co., 2 W 45th, New
York
Reaugh Construction Co., 2835 E 51st,
Cleveland, O.
Rieser Ely J. & Co., 1st av & 28th, New
York
Roehr Co., Bucyrus, O.
Rummel Wm. B., 367 W 11th, New York
Schaeffler F., 533 W 34th, New York
Schnute-Holtman Co., Evansville, Ind.
Scott-Graff Lumber Co., Duluth, Minn.
Shenk Henry Co., Erie, Pa.
Simonson Bros. Mfg. Co., 1733 S 7th,
Minneapolis, Minn.

Sloane & Moller, 316 E 65th, New York
Springfield Planing Mill, Lumber & Con-
struction Co., Springfield, Mo.
STEARNS A. T. LUMBER CO. (Wholesale
Mfrs.), 100 Taylor, Neponset, Boston,
Mass. *See adv index at end of book*
Stillwater Mfg. Co., Stillwater, Minn.
Strangman Mfg. Co., Newtonville, Mass.
Strobel Philip & Sons, 53 Elizabeth, New
York
Tiedt & Markthaler, 506 Col. av, New York
Thomas Jos. & Son (Mfrs.), 836 Leaden-
hall, Baltimore, Md.
Tiffany Studios, 361 Madison av, New
York
Trebing Mfg. Co., 1000 Center, N W,
Cleveland, O.
Uhrich Planing Mill Co. (Cabinet Trim),
Independence, Kan.
Weybrecht's J. T. Sons, Alliance, O.
Williamsport Planing Mill Co., Williams-
port, Pa.
Wilson J. G. Corp'n, The. 8 W 40th, New
York. Factory: Norfolk, Va.
Wilson John T. (Est. of), Jamestown,
N. Y.

6687—Interior Trim (Hollow Metal)

DAHLSTROM METALLIC DOOR CO., 35
Blackstone av, Jamestown, N. Y.
See adv index at end of book
Dowman-Dozier Mfg. Co., Atlanta, Ga.
Empire Art Metal Co., Inc., College Point,
L. I., N. Y.
INTERIOR METAL MFG. CO., James-
town, N. Y.
See adv index at end of book
Mesker Bros. Iron Co., 421 S 6th, St.
Louis, Mo.
Zahner Metal Sash & Door Co., Can-
ton, O.

6688—Interior Trim (Steel Coach & Car)

See also Bank & Office Fixtures Metallic
DAHLSTROM METALLIC DOOR CO., 35
Blackstone av, Jamestown, N. Y.
See adv index at end of book
Hale & Kilburn Co., Lehigh av & 18th,
Phila., Pa.
INTERIOR METAL MFG. CO., James-
town, N. Y. *See adv index at end of book*
Mesker Bros. Iron Co., 421 S 6th, St.
Louis, Mo.
Zahner Metal Sash & Door Co., Canton,
O.

Interlocks (Elevator)

See Elevator Safety Locks

6689— Iridium

Guiterman, Rosenfeld & Co. (Imp.), 35
So William, New York

Iron (Angle)

See Steel Structural Mills

CCLASSIFICATIONS which are marked thus (*) are not
Standard Classifications and are only used for those concerns
who advertise or pay for Bold Face Listings. Other concerns in similar
lines of business will always be found under the Standard Classifications.

6690—Iron (Architectural & Ornamental)

Star (*) in front of firm names under this classification designates founders who make Builders' Castings, etc.

The following are sub-classifications and duplications of this trade:

- Bank & Office Railings
- Elevator Cabs & Cars
- Elevator Cars.
- Elevator Enclosures.
- Fire Escapes.
- Gates (Ornamental Iron).
- Grilles (Brass & Bronze).
- Grilles (Wrought Iron).
- Iron Railings & Fences.
- Iron Stair Builders.
- Jail & Cell Work (Steel).

ALABAMA.

- BIRMINGHAM—Oak Hill Marble Works
- HUNTSVILLE — *Huntsville Fdry. & Mach. Co.
- MOBILE—Alabama Iron Works
- Burger August (Railings)
- MONTGOMERY—*Hartley Boiler Works
- Janney & Co.

CALIFORNIA.

- FRESNO—Burnett J. H. Iron Wks.
- LOS ANGELES—*Baker Iron Works
- Bayer-Rothgeb Co.
- California Ornamental Iron Works
- Habig Geo., 2819 Stanford av
- Llewellyn Iron Works
- Union Iron Works
- OAKLAND—Frauneder Cornelius
- SAN DIEGO—California Iron Works, Inc.
- Standard Iron Works
- SAN FRANCISCO—Acme Iron & Wire Works, 485 6th
- Ajax Foundry, 51 Clementina
- Architectural Iron & Bronze Works, Potrero av, nr 17th
- Bay City Iron Works, 1243 Harrison
- Brode Iron Works, 37 Hawthorne
- California Artistic Metal & Wire Co., 349 7th
- Eureka Iron & Wire Works, 374 11th
- *Jackson P. H. & Co., 237 1st
- Keystone Ornamental Iron & Bonze Wks, 830 Howard
- Ralston Iron Works, 20th & Indiana
- *Rudgar-Merle Co., Bay & Stockton
- Sartorius Co., 15th & Utah
- *Steiger & Kerr Stove & Foundry Co., 2201 Folsom
- Todd & Peters, 322 Main
- Vulcan Iron Works, Francisco & Kearny
- West Coast Wire & Iron Works, 861 Howard
- Western Iron Works, 141 Beale
- STOCKTON—*Stockton Iron Works
- COLORADO.
- COLORADO SPRINGS — Hassell Iron Works Co.
- PUEBLO—Pueblo Bridge Co.
- CONNECTICUT.
- BRIDGEPORT—Bridgeport Boiler Works Co.
- LEAKE A. G. ERECTING CO.
- McCaithron Boiler Works Co.
- *Pequonnock Foundry (Castings Only)

- BRISTOL—*Sessions Foundry Co.
- HARTFORD—*Capitol Foundry Co. (Castings)
- Laragy P.
- MERIDEN—Bradley & Hubbard Mfg. Co.
- Meriden Iron & Brass Co.
- NEW BRITAIN—*Vulcan Iron Works (Castings)
- NEW HAVEN—*Adlerhurst Iron Co.
- Barnum S. H.
- *McLagon Foundry Co.
- North O. B. & Co.
- Sargent & Co.
- Smith Edward F.
- Warner G. F. Mfg. Co.
- Wilson Robert & Son
- NORWALK—*Arnold Co. (Castings Only)
- NORWICH—*Vaughn Foundry Co. (Inc.)
- STAMFORD—*Stamford Iron Works
- WATERBURY—*Manufacturers' Foundry Co.
- *Waterbury Castings Co.
- *Waterbury Foundry Co.
- WEST HAVEN—Adlerhurst Iron Co.

DELAWARE.

- WILMINGTON—Davis Leonard D., 15th & French
- DISTRICT OF COLUMBIA.
- WASHINGTON—Barber & Ross, 11th & G, N W
- Corning J. H., 520 13th, N W
- Gichner Fred S., 1214 D. N W
- Jorss A. F., 315 13th, N W
- Nagel Frank J., 1011 1st, S. E.
- *Schneider's C. A. Sons, 212 12th
- Snyder Frank C., 513 K, N W
- Speiden Chas. E., 620 C, S E
- Speiden & Hoffman
- White F. J., 462 Maine av, S W

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

FLORIDA.

- ORLANDO—*South Florida Fdry & Mach. Works
- ST. AUGUSTINE—Hamblen C. F.

GEORGIA.

- ATLANTA—Atlanta Wire & Iron Works Co.
- Southern Wire & Iron Works
- *Withers Foundry & Machine Works
- AUGUSTA—*Lombard Iron Wks & Supply Co.
- DALTON—*Manly Jail Works
- GAINESVILLE—*Gainesville Iron Works
- SAVANNAH—Kehoe Iron Works
- Rourke John & Sons

IDAHO.

- BOISE—Baxter Jas. Foundry & Machine Works

ILLINOIS.

- AURORA—*Love Bros. (Inc.)
- BLOOMINGTON—*American Foundry & Furnace Co.
- CHICAGO—American Iron & Wire Works, 1622 Carroll av
- Anderson A. F., 5844 Loomis
- Angert Iron & Wire Works, 6028 Grove av
- Ashland Iron Works, 1604 W Superior
- Atlantic Wire & Iron Works, 1638 Fulton
- Baldwin Brass Works, 411 S Clinton
- Berry J. M. & L. C., 325 W Ohio
- *Bolter's A. Sons, 2301 Ward
- Bondy J. L., 8 S Dearborn
- Brandes Carl, 1323 Otto
- Braun J. G., 609 S Paulina, Chicago, Ill.
- *Butler Street Foundry & Iron Co., 3422 Normal av
- *Central Arch'l Iron Works, 53 W Jackson blvd
- Central Iron Works, 939 W Lake
- Cerny Pickas & Co., 2700 S Crawford av
- Chicago Iron & Steel Works, 733 Fulton
- CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg
- For branch offices see adv index at end of book
- Chicago Wire, Iron, Brass Works, 2340 Nelson
- Coleman Adelbert E., 336 W 37th
- Columbia Arch'l Iron Works, 1619 Clybourne av
- Columbia Wire & Iron Works (Light Iron & Wire Work), 1933 W Lake
- *Dauchy Iron Works, 223 W Illinois
- Duffin Iron Co., 4001 Wentworth av
- Eggers Jno. Iron Works, 219 N Elizabeth
- Enos Fire Escape Co., 522 N Sangamon
- Gage Structural Steel Co., 3141 S Hayne av
- Halsted Joseph Co., 1233 W Randolph
- HANKE IRON & WIRE WORKS, 800 No. Albany av
- See adv index at end of book

ESTABLISHED 1879

CAPITAL AND SURPLUS \$500,000.00

HANKE IRON AND WIRE WORKS

800 North Albany Avenue CHICAGO, ILL.

TELEPHONES BELMONT 9250, 9251

MANUFACTURERS OF

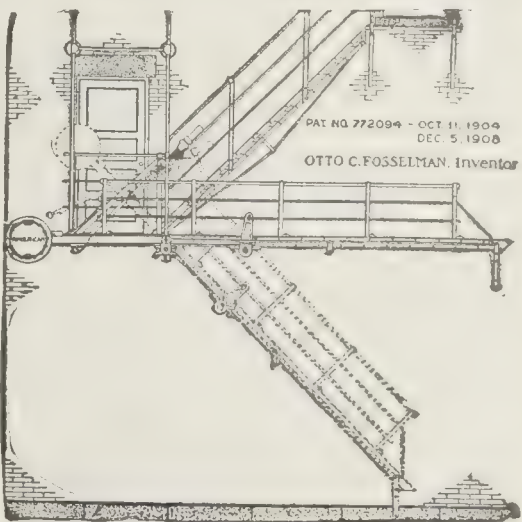
Ornamental Iron, Wire, Brass, and Bronze Work

REPRESENTATIVE WORK

- "North American"
- "Mallers"
- "Burlington"
- "National Biscuit"
- "Carter H. Harrison High School"
- "Continental & Com'l National Bank Bldg."

REFERENCES

- Holabird & Roche
- Lanquist and Illsley Co.
- Marshall & Fox
- Chicago Title & Trust Co.
- Graham, Burnham & Co.
- University of Chicago



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ESTABLISHED 1884

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Horn Wm. Structural Iron Works, 336 N Leavitt

Johnson Chas. & Son, 320 W Grand
Landon E. R., 166 N May
National Iron Works, 5935 S Ashland av

New City Iron Works, 4857 S Racine av

Newman Mfg. Co., 68 W Washington
See adv index at end of book

O'Leary Arthur J. & Son Co., 65th & S 57th av

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Racky Albert C., 531 S 5th av

*Reder Foundry Co., 2125 Canalport av

*Roos Henry Foundry Co., 1749 Bal-lou

Scaar Frank & Co., 1042 W 11th

Schad Fred & Son Iron Works, 1117 S Crawford av

Simpson Ralph H. Co., Hearst bldg

*SMITH F. P. WIRE & IRON WORKS (Wrought, Cast & Ornamental), Lake & Dearborn.

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South Halsted Street Iron Works, 2607 S Halsted

Sprague Iron Wks., 318 W Austin av

Sprague E. S., 318 W Austin av

Standard Architectural Iron Works, 2300 Bloomingdale av

STANDARD-TYLER CO. (Ornamental Iron & Bronze Work), 2436 W 15th

Sullivan-Korber Co., 2437 W 21st pl

*Union Foundry Works, 38 S Dearborn

United Ornamental Iron Works, 189 W Madison

Variety Mfg. Co., 2958 Carroll av

*Vierling Steel Works, 23d & Stewart av

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Western Iron Co., 1809 Belmont av

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OTTAWA—*Knowles W. H. Foundry & Machine Co.

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Oltmann Schmidt & Co.

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QUINCY—Van Doorn Co. (Ornamental Only)

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Meier-Wiese Co.

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LAFAYETTE—*Barbee Wire & Iron Works

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RICHMOND—Marlatt Samuel

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BOONE—Quinn Wire & Iron Works

BURLINGTON—*Murray Iron Works Co.

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KANSAS.

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NEW ORLEANS—Shakspeare Iron Works,
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Foundry

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*Megquier & Jones Co.

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BALTIMORE—Armstrong & Parker, Bath
& North
Balderston H. & Son, 319 Pearl
*Bartlett-Hayward Co., Scott & Mc-
Henry
*Carr Stuart R. & Co., Boston &
Montford av
*Chesapeake Iron Works (Cast,
Wrought & Ornamental), Westport
*Dietrich Bros, cor Pleasant & Davis
Enterprise Wire & Iron Works, 1524
N Regester
Jones L. E., 321 N Calvert
Krug G. & Son, 415 W Saratoga
Meiser H. & Son, 204 Clay
Patapasco Iron Works, Ostend & Wi-
comico
*Smyser's, E. G. Sons, 217 W Madison

MASSACHUSETTS.

BOSTON—American Architectural Iron
Works, E. Boston
Boston Bridge Works (Architectural),
47 Winter
Builders Iron & Steel Co., 262 Bridge,
E. C.
Dinn P. J. & Co., 278 Dover
Eastman H. T. & Co., East Cambridge
Gallagher D. F. & Co., 37 Commercial
whf
Glass James A., 220 Devonshire
*Ham L. M. Co., 158 Portland
Johanson A. & Co., 529 Dorchester av
Jones M. D. Co., 73 Portland
Krasser F. & Co., 31 George, Rox.
McGANN THOS. F. & SONS CO., 117
Portland
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McLauthlin Geo. T. Co., 120 Fulton
Nelson Bros., 62½ Thayer
New England Bolt & Steel Co.
Parris C. S., 7 Province Ct.
Puritan Iron Works (Ornamental
Only), 110 Portland
Simpson Eugene A., 88 Broad
*Smith & Lovett Co., 135 Tyler
Snow Wm. A. Iron Works (Inc.), 19
Portland
Whyte Oliver & Co., 21 Cornhill
Young A. F. R., 51 Purchase
HELSEA—Smith A. L. Iron Works
CLINTON—Clinton Foundry Co.
VERETT—New England Structural Co.
AIRHAVEN—Fairhaven Iron Foundry
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Works
Elwell H. F. Iron Works
*Springfield Foundry Co.
Springfield Iron Works
Swaine John Iron Works Co.
WORCESTER—BISHOP J. W. CO., 109
Foster
Eastern Bridge & Structural Co.,
88 Cushing
See adv index at end of book
French Richard Iron Works
WRIGHT WIRE CO.
See adv index at end of book

MICHIGAN.

DETROIT—Acme Fancy Wire Works
*Amos Charles & Co., 640 Hart av
Art Brass & Wire Works, Forest &
Ellery
Barnes Wire Fence Co., 552 Grand
River av
Barnum E. T. Wire & Iron Works, 864
Woodward
Bolles J. E. Iron & Wire Works, 4th &
Porter
Chapper Frank Iron & Wire Works
Daigle-Steger Iron Works, 549 Lafa-
yette blvd
*De Croupet Iron Works, 345 Monroe
Detroit Architectural Iron Works Co.
Detroit Wire & Iron Works, 1160 Jef-
ferson av, E
Inglis Wm. Wire & Iron Works, 61
Woodbridge E
Lewis Henry B., Ferry av & G. T. Ry
Moynahan & Duchene, 122 State
National Iron Works
Ornamental Iron & Wire Works
Phoenix Wire Works
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*Flour City Ornamental Iron Works,
27th st & 27th av
Klenzle-Merrick Mfg. Co., 1214 S 3rd
*Menzel & Jeffery Co., 4th, corner 9th
av, S
Minneapolis Ornamental Iron Co., 143
27th, S E
*Minneapolis Steel & Machinery Co.
(Cast, Structural & Ornamental),
29th & Drexel
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Union Iron Works, Main cor 2nd av,
S E
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Co.
ST. CLOUD—*St. Cloud Iron Works Co.
ST. PAUL—Builders Iron Works Co.
Herzog Iron Works, 1044 E 7th
Perkins Mfg. Co., University & Fair-
view avs
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*ST. PAUL FOUNDRY CO. (Castings,
Structural & Ornamental), Como
av & Mackubin
See adv index at end of book
*South Park Foundry & Machine Co.
Twin City Iron & Wire Works, 25 W
Water
Valley Iron Works (Casting Only), W
Paul Levee
Western Machine Mfg. Co., 443 Rosa-
bel
WINONA—*Phenix Iron Works

MISSISSIPPI.

GREENVILLE—*Wall Joseph W. (Est.
of)
JACKSON—*Mississippi Foundry & Ma-
chine Co.
NATCHEZ—Shaw, C. P. & Co.

MISSOURI.

CARTHAGE—*Carthage Fdy. & Machine
Works
CLINTON—Industrial Iron Works (Cast-
ings, etc.)
HANNIBAL—Dildine Bridge & Iron Co.
KANSAS CITY—Kansas City Structural
Steel Co.
Kansas City Wire & Iron Works
Kleeman L. F. Mfg. Co., 1923 Central

Loewer John E. Structural Steel, Wire
& Iron Works
Southwest Wire & Iron Works Co.
Standard Shutter & Iron Works, 2542
Bellevue
Tilk Frank Ornamental Iron Works
Co.
ST. JOSEPH—Berry Iron & Steel Co.
Crowther & Rogers Mfg. Co.
Jamieson Machine Co.
ST. LOUIS—*Banner Iron Works, Shaw
av & Oak Hill Ry
Central Wire & Iron Works, 813 S 7th
Christopher & Simpson Iron Works
Co., 9th & Park av
*Gerst Bros. Mfg. Co., 800 Cass av
Greenspon's Jos. Sons Iron & Steel
Co., B'way & Branch
Guerdan F. & Son, 829 S 7th
Laclede Iron Works, 1315 Chestnut
Lasar Ornamental Iron Co., 16th &
O'Fallon
Mechanics Iron Works, 901-9 S Ew-
ing av
*Mesker Bros. Iron Co., 421 S 6th
*Missouri Bridge & Iron Co., Fullerton
bldg
Mound City Iron Works
Ornamental Wire & Iron Co., Elliott
& University
Rogers-Schmitt Wire & Iron Co., 1815
N 23rd
*St. Louis Archl. Iron Co., Leskerance
& De Kalb
St. Louis Brass Mfg. Co., Jefferson &
Washington
St. Louis Sales Co., Chemical bldg
St. Louis Wire & Iron Co.
Schurk Iron Works, 20 S Cardinal
South St. Louis Foundry Co., 7514 S
B'way
*Spuck Iron & Foundry Co., 14th &
Branch
*Stupp Bros. Bridge & Iron Co., Frisco
bldg.
Usona Wire Co., 826 S 18th
Victor Iron Works, 7th & Victor
Von der Au & Cluss Mfg. Co., 2408
S Jeff
*Yaysing Iron & Foundry Co., 2521
Montgomery
SPRINGFIELD—*United Iron Works Co.

MONTANA.

ANACONDA—Anaconda Copper Mining
Co.
BUTTE—Montana Iron Works
*Western Iron Works
GREAT FALLS—Great Falls Iron Works

NEBRASKA.

BEATRICE—Beatrice Iron Works
FREMONT—*Fremont Mfg. Co.
HASTINGS—*Hastings Foundry & Iron
Works
OMAHA—Champion Iron & Wire Works
Omaha Safe & Iron Works
*Paxton & Vierling Iron Works
Wearne Bros.
YORK—*York Foundry & Engineering
Works (Builders' Castings, Stairs,
etc.)

NEW HAMPSHIRE.

CONCORD—*Concord Foundry & Ma-
chine Co.

NEW JERSEY.

BAYONNE—Clark's Iron Foundry
CAMDEN—Odlen Herman
EAST ORANGE—Collinson Joshua
ELIZABETH—Arny Chas.
*Moore S. L. & Sons
HOBOKEN—Buchholtz C. & Co.
JERSEY CITY—*Fagan Iron Works, 14th
Feudtner William, 391 7th
Hamill Alex. Iron Works, 426 Mont-
gomery
*SNEAD & CO. IRON WORKS, Inc.,
98 Pine
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Victorson Morris, 199 3rd
MADISON—Force Chas. & Son
NEWARK—American Coal Chute Co. &
Architectural Iron Works, 14 Buf-
fington av
Calumet Iron Works, Balls la
Friedman M. A., 152 Jeliff av
Goeller H. R., 406 Frelinghuysen av
Goldberg E. Iron Works, 107 Hunter-
don

*Hay Foundry & Iron Works, Plum Point la
 Hedden Iron Construction Co., 207 Market
 *Hewitt John Foundry Co. (Castings Only), 8 Orange
 Industrial Wire & Metal Works, 95 High
 Katchen, Barnett Iron Works, 700 So 15th
 Koller E. L., 282 Sussex
 Payne Bros., Emmet, cor Av D
 Smith Albert Sons, 73 N. J. R. R. av
NEW BRUNSWICK—*Empire Foundry Co.
 *New Brunswick Iron Works (Cast, Wrought & Ornamental)
PASSAIC—Passaic Artistic Iron Works
PATERSON—Bogert-Carlough Co.
 *Eastwood Benj. Co. (Builders' Castings Only)
 Lendrim H. C. Co.
ROCKAWAY—Lincoln Architectural Iron Co.
TRENTON—Baker W. H.
 *Mackenzie's, Duncan Sons Co.
WEST HOBOKEN—Courtman Walter F.

NEW MEXICO.

ALBUQUERQUE—*Albuquerque Foundry & Machine Works

NEW YORK.

ALBANY—Campbell Harry E.
 Clausen N. C. Architectural Iron Co.
 Hartnett John J. (Castings Only)
 *McKinney J. & Son
BINGHAMTON—Shapley & Wells
 Titchener E. H. & Co.
BUFFALO—Buffalo Structural Steel Co.
BUFFALO WIRE WORKS CO. (Ornamental), 453 Terrace
See adv index at end of book
 *Ernst's Charles F. Sons
 Feine August & Sons Co., 152 Terrace
 Ginther's J. Sons Co.
 Jones Iron Works
 Kellogg Structural Steel Co., 31 Stone
 Mostberger Iron Co., 878 S Division
 Progressive Structural Steel Co.
COHOES—*Cohoes Iron Foundry & Machine Co.
JAMESTOWN—*Eagle Foundry & Machine Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Albee & Godfrey Co., Stewart av
 Bassett A. Iron & Wire Works, 42 Walworth
 Binney-Godfrey Co., Kent av
 Bloss O. J., 243 Monitor
 Child W. C. W., 355 Kingsland av
 *Eagle Iron Works (Inc.), 850 DeKalb av
 Estey Bros. Co., 270 Union av
 Feidman Jno., 1323 Gates av
 Fluegel Anton, 219 Cook
 General Iron Works, Osborn & Newport av
 Gratz George E., Jr., 1143 DeKalb av
 Green B. G., 213 Pacific
 Grosback Wm. & Co., 37 Maspeth av
 Hafker Bryan, 73 N Portland av
 Hassler Fred'k, 2 Sullivan
 Hebbard & Wenz, 240 N 10th
 Hecla Iron Works, 118 N 11th
 Janssen Bernard H., 135 Huron
 Kahan S., 122 Newton
 Kalter & Rolnick Iron Works, 415 DuMont av
 Kennington Iron Works, 414 3d av
 Lister & Fee, 42 S 8th
 Marcus Harry Iron Works, 237 Van Sinderen av
 Mark & Mohl, 3rd av & 6th
 May Jacob, 850 De Kalb av
 Meyer & Anselm, 173 Van Sinderen av
 Mock Julius & Sons, 777 Rutland rd
 Mullon Bros., 1 Devoe
 Mulstein Jno. Co., 211 3d av
 Olsen O. L., 203 Diamond
 Philips Abraham A., Jr., 2219 Pitkin av
 Poppke & Son, 805 Lexington av
 Powell John R., 500 Leonard
 *Reliance Arch'l Iron Works, 253 Monitor

Ridgewood Iron Works, 1604 De Kalb av
 Schwenn Wm., 830 Lexington av
 Steckenreiter Iron Works, Calyer & Jewell
 Stein S., 63 N Henry
 Strubel's Ridgewood Iron Works, 1604 De Kalb av
 Whale Creek Iron Works, 245 Huron

Boroughs of Manhattan and Bronx.

NEW YORK—Adolff August M., 2118 1st av
 Ahr Henry Son's Iron Works, 444 E 148th
 *American Car & Foundry Co. (Castings Only), 165 B'way
 American Ornamental Iron Wks, 480 Grand
 Anchor Post Iron Works, 19 Cortlandt
 Aronsohn & Goldman, 806 5th
 Bartlett J. B. C. Iron Works, 229 W 36th
 Becker Geo., 545 W 22d
 Bernstein Harris, 338 E 95th
 Black & Boyd Mfg. Co., 432 E 23rd
 Bowes Jno. J., 203 W 93th
 Campbell Harry E. Co., 80 W 40th
 Carlin Iron Works, 310 W 40th
 Central Iron Works, 420 E 48th
CHICAGO BRIDGE & IRON WORKS, 3132 Hudson Terminal bldg
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 Clark Peter Iron Works, 406 W 30th
 Clausen H. C. Iron Works, 433 E 74th
 Colonial Iron Co., 149 Broadway
 Communipaw Steel Co., 95 Liberty
 Cornell Iron Works, 26th & 11th av
 Dahm Henry, 517 W 45th
 Daniels Oscar Co., 233 Broadway
 Dauphin Wm. Bronze & Iron Wks., 141 W 33d
 Dowdall Chas. E., 152 W B'way
 Duvinage Pierre, 253 B'way
 Eagle Iron Works, 403 E 117th
 Eagle Wrought Iron Works, 580 Robins av
 East Side Iron Works, 448 E 167th
 Eisenberg Bros., 438 E 10th
 Eisner Bros. & Birenberg, 652 E 12th
 Elliott Jno., 356 Pearl
 Empire Iron Works, 416 E 107th
 Ernst Gustave, 505 E 165th
 Fiske J. W., Iron Works, 80 Park pl
 Fox Chas. H., 369 W 11th
 Fritschy E. J. Corp., 604 Greenwich
 Garman Bros., 322 E 75th
 Gerdes & Co., 42 Church
See adv index at end of book
 Gersmann Rud., 1431 Bryant av
 Gersmann, Lozner & Sachs, 455 E 173d
 Goldberg & Kavadio, 245 E 110th
 Graf Martin, 279 Ave B
 Grand Central Iron Works, 212 E 52d
 Grossman Bros. & Rosenbaum, Willow av & E 133d
 Hafers Chris Iron Works, 407 W 37th
 Halback C. E. & Co. (Inc.), 23 E. 26th
 Happel Adam, 408 E 93d
 Harris Safety Co. (of Youngstown, O.), 39 E 19th
 Hauptmann Wm., 410 E 104th
 Hay Foundry & Iron Works, 15 Madison sq N
 Henry-Bonnard Bronze Co., 20 Exchange pl
 Hess Adam, 417 E 156th
 Hinkle Iron Co., 534 W 56th
 Hirschorn, Schoenberger & Krieger, 608 E 133d
 Hoehn Wm. Co., 218 W 20th
 Howard & Morse (Ornamental for Interiors), 46 Fulton
 Industrial Iron Co., 1 Madison av
 Jackson Wm. H. Company, 2 W 47th
 Jennings & John, 83 Manhattan
 Jordis John J. Iron Works, 354 Jackson av
 Kingsbridge Iron Works, 405 E 99th
 Kopelson Bros., 4118 Park av
 Kushakow Jacob, 49 3d av
 Lazere & Kaplan Iron Works, 434 E 124th
 Lenges Philip Iron Works, 309 E 122d
 Levering & Garrigues Co., 552 W 23d
 Levine & Posner, 533 E 119th
 Levy Chas., 511 W 45th
 Liberty Iron Works, 462 10th av
 Lieberman & Sanford Co., 623 W 57th
 Luetke Oscar, 328 7th av
 Lyon W. E. Iron Works, 202 E 46th
 McCann & Sullivan, 249 E 138th
 *McDougall & Potter Co., 606 W 55th
 Madison Iron Works, 449 E 120th

Manhattan Iron & Steel Sales Co., 122 E 132d
 Milliken Bros., 111 B'way, New York
 Moreng Jos. Iron Works, 208 E 19th
 Morris Elmer P. Iron Works, Inc. (Light), 136 Liberty
 *Mott J. L. Iron Works, 118 5th av
 Mugler's Iron Works, 841 E 136th
 Murphy T. J., 619 Greenwich
 *Murray Hill Iron Works Co., 101 W 25th
 Neser John E., 4 7th av
 Neubeck G. Iron Works, 517 W 46th
 New Columbia Iron Works, 246 E 118th
 Olman & Rothstein (Inc.), 633 Concord av
 Palmer B., 312 W 43d
 Park Iron Works, 712 E 136th
 Pereberg M. Iron Works, Inc., 903 E 135th
 Perlman A. Iron Works (Inc.), 1735 West Farms rd
 Pierson & Co., 29 B'way
PITT WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick" Folding Gates & Guards, Ornamental), 219 W 26th
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 Pollak Max, 505 E 76th
 Rahtz & Schnitzer, 21 E 137th
 Realty Iron Works Co., 331 E 82d
 Reynolds E. P., 411 E 91st
 Richter A. G., 316 Av A
 Ring & Konneke, 525 W 24th
 Rocker Bros., 330 W 26th
 Rueth Jos., 462 10th av
 Sanders & Barnett, Southern blvd & 145th
 Schacht B., 279 E 148th
 Scherbnr Paul Iron Works, 306 E 123d
 Schreiber L. & Sons Co. (of Cincinnati, O.), 30 E 42d
 Simons & Mayer, 143 Av D
 Standard Iron Works, 508 E 74th
 Steinel Bruno, 429 W 26th
 Stolz Joseph, 1122 Forest av
 Taylor Iron Work, 203 Centre
 Thompson Hervey, 178 E 119th
 Tiffany Studios, 361 Madison av
 Toop Geo. H. Iron Works, 9 Canal pl
TYLER W. S. CO. (of Cleveland, O.), 200 5th av
See adv index at end of book
 Tyroler Leo, 101 W 88th
 Uris Harris H., Iron Works, 521 W 26th
 Veaser Frank, 228 E 150th
 Victor Iron Works, Inc., 1106 Brook av
 Wander Iron Works, 321 E 94th
 Weber's Jacob V. Sons, 308 E 26th
 *Wells Architectural Iron Co., River av & 151st
 Williams Jno., Inc., 556 W 27th
 Winkler Iron Co., 66 Vestry
 Yorkville Iron Works, 433 E 74th

Borough of Queens.

LONG ISLAND CITY—Just Geo. A. Co., 239 Vernon av
 Polachek John Bronze & Iron Co., 480 Hancock
 Sexauer & Lemke, Vernon av
MASPETH—(New York City)—*Richey, Browne & Donald Inc., Flushing av
(End of New York City)
ROCHESTER—*Heughes F. L. & Co.
 Kohlmetz Chas. E.
 Kohlmetz H. L.
 White Wire Works Co.
SYRACUSE—Dunning W. D.
 *Smith & Caffery Co.
 Syracuse Wire Works
 Thelen Bros.
TROY—*Mahony Mfg. Co.
 West Side Structural Co.
UTICA—Jones Willis H.
WATERTOWN—Wilson J. C.
YONKERS—Morris Thos. Jr. (Estate of)

NORTH CAROLINA.

ASHEVILLE—*Asheville Supply & Foundry Co.
BURLINGTON—Cates Machine Works
CHARLOTTE—*Mecklenburg Iron Works
GREENSBORO—*Glascok Stove & Mfg. Co. (Builders' Castings Only)
 Sergeant Mfg. Co.

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ALPHABETICAL LIST

—OF—

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BRANDS, TITLES OF
IDENTIFICATION,
ETC.**

THIS LIST FURNISHES A READY REFERENCE
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BUYERS TO DISTINCTIVE PRODUCTS MANU-
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Made of 14 gauge Bronze, hollow construction

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WICKETS and GRILLES
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CHECK RACKS
MONEY GUARDS
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Everything in Metal Work for Banks

373 BANKS EQUIPPED IN 1916

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Established 73 Years

CATALOGUE FOR THE ASKING

Mention HENDRICKS

NORTH DAKOTA.

FARGO—*Fargo Foundry Co.
Fargo Iron & Metal Co.

OHIO.

AKRON—Ornamental Iron Works Co.
AMHERST—Atlas Engineering Co. (Cast,
Wrought & Ornamental
See adv index at end of book

ASHTABULA—Barber Mfg. Co.
BELLEFONTAINE—Bellefontaine Bridge
& Steel Co.

CANTON—*Canton Foundry & Machine
Co. (Castings, Columns, Sills, Base
Plates, etc)

Columbia Iron & Wire Works Co.
Union Metal Mfg. Co.

CINCINNATI—Brown H. L. Fence & Mfg.
Co., Oakley

Cincinnati Artistic Wrought Iron
Works, 2941 Eastern av

Cincinnati Iron Fence Co.

Cincinnati Mfg. Co. (Wrought, Cast &
Ornamental)

See adv index at end of book

Columbia Iron Works, 721 Reading rd

Egbers Geo. H. & Bro., 228 E 7th

Frelinger J. G. Iron Works, 115 W 2d

Grimm Iron Works

Lang Wm. & Sons Co., Patterson nr
Bank

Ley H. & Co., Lincoln av

Messmer Andrew Co., Patterson nr
Bank

Newman Mfg. Co., 717 Sycamore

See adv index at end of book

Potthoff Construction Co., Front &
Harriet

Rowekamp Bernard J., 2620 Colerain
av

Schoeneberg Fred, 8th & Evans

*Schrieber L. & Sons Co., 3869 Ivanhoe

Stewart Iron Works Co.

CLEVELAND—Brooks T. H. & Co.

*City Foundry Co. (Castings)

Cleveland Art Metal Co., 3620 Super-
rior

Dreyer G. H. & Son

Forest City Steel & Iron Co., 110th
nr Detroit av

Kirchner Iron & Wire Co., 1149 Nor-
wood rd

McLaren Iron Works Co.

*Madison Foundry Co.

National Iron & Wire Co.

Republic Structural Iron Works Co.,
E 53d & Lakeside av

Sheer Bros. Fence & Iron Co., 715 E
103d

Stevens Iron Works & Fireproofing
Co.

TYLER W. S. CO.

See adv index at end of book

*Van Dorn Iron Works Co., 2700 E 79th

*Variety Iron & Steel Works Co., E
40th & Hamilton

Zeman Iron Works Co., 5651 B'way

COLUMBUS—Columbus Structural Steel
Co.

Columbus Wire & Iron Works Co.

Krumm Martin

*McDonald Foundry (Cast Iron)

Morris C. E. Co.

DAYTON—Dayton Steel Construction Co.,
Howell & Wilbur

Plocher Andrew Sons Co.

FREMONT—*Lehr Agricultural Co.

HAMILTON—MYERS FRED J. MFG. CO.
See adv index at end of book

KENTON—*Champion Iron Co.

LIMA—*East Iron & Machine Co., 351
E Market

MANSFIELD—Hughes-Keenan Co.

MIDDLETOWN—Shartle Bros. Machine
Co.

SANDUSKY—*Klotz Machine Co.

Mack Iron Wire Works Co.

SPRINGFIELD—*Bayley Wm. Co.

*Hennessey Foundry Co.

Peet & Schuster Co.

TOLEDO—Art Iron & Wire Works

Braunschweiger Bros., 40 Erie

Donovan Wire & Iron Co.

Milmine H. B. & Co.

*Toledo Foundry & Machine Co.

Toledo Wire & Iron Works

WILMINGTON—Champion Bridge Co.

YOUNGSTOWN—Youngstown Wire &
Iron Co.

OKLAHOMA.

OKLAHOMA—Klein J. B. Iron Foundry
Co.

*Oklahoma City Foundry & Ma-
chine Co.

OREGON.

ALBANY—*Albany Iron Works

EUGENE—Frazer G. N.

PORTLAND—*Honeyman Hardware Co.,
9th & Hoyt

Pacific Bridge Co., E Water & Sal-
mon

*Pacific Iron Works

Phoenix Iron Works, E 3d & Haw-
thorne

*Portland Iron Works, 14th & Nor-
thrup

Smith & Watson Iron Works, Front
& Harrison

PENNSYLVANIA.

ALLENTOWN—*Hanlon John J.

McDermott Engineering Co.

BETHLEHEM—Guerber Engineering Co.

BLOOMSBURG—*Harman & Hassert.

BRIDGEPORT—Gehret Bros.

CATASAUQUA—*Davies & Thomas Co.

CHESTER—Boulden Wm. M. & Son

DANVILLE—*Danville Foundry & Ma-
chine Co.

ELLWOOD CITY—Ellwood City Iron &
Wire Co.

GREENSBURG—*Hempfield Foundry

HOLLIDAYSBURG—*McLanahan Stone
Machine Co.

HOMESTEAD—Keystone Ornamental
Iron Co.

JOHNSTOWN—Griffith Geo. J. & Co.

LANCASTER—Lancaster Machine & Struc-
tural Works

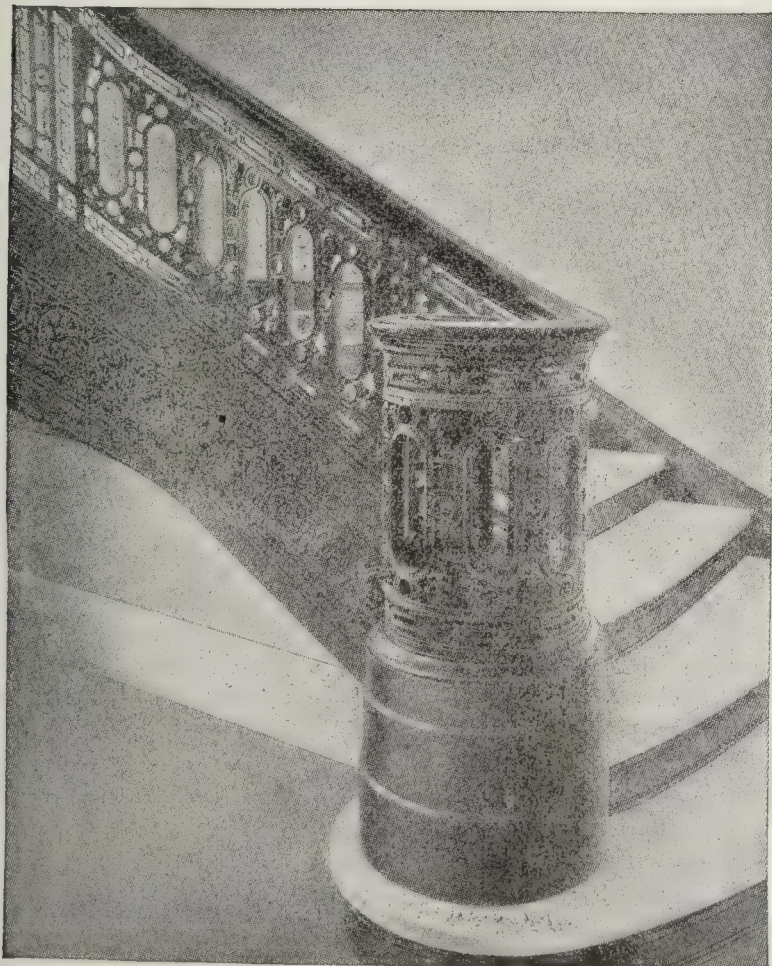
Rote A. B. & Co.

McKEESPORT—Monon & Yough Foundry
Co.

Smith Nimmo & Co.

NEWSIDE—Peters F. N. & Bro.

PHILADELPHIA—*Adams Wm. Foundry
Co., Inc, 960 N 9th



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*Baizley John, Iron Works, 514 S
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Barnes Winfield S. & Co., 1614 Cherry
*Belmont Iron Works, 22d & Wash-
ington av
Biddle-Gaumer Co., 3846 Lancaster
av
*Biggin C. P. Co., 1829 Harlan
Boureaux H. U. & Co., 3302 Ludlow
Copp Geo. B., 3717 Filbert
Columbia Iron Works, 246 N 5th
*Coyle H. B. Iron Works, 622 Filbert
*Creswell Samuel J. Iron Works, 23d
& Cherry
Darby Edw. & Sons Co., 239 Arch
Gensel Fred'k & Co., 911 Vine
*Hitzeroth Edward, 3120 Market
Horrocks Iron Works, 234 N Broad
Jahn Wm. R., 3239 Germantown av
Kemper Cons. Co., 905 Walnut
Keystone Structural Co., Harrison
bldg
Lee Benjamin, 628 N 5th
McArdle Wm. H. & Son, 511 Bain-
bridge
Midland Metal Co., Inc., 21st & Jef-
ferson
Noe-Wadlow Co., 1026 Ridge av
O'Neill Michael, 1531 Filbert
Pettit Frank, Ornamental Iron Wks.,
809 Master
Philadelphia Art Metal Co., 323 Vine
Richmond & Kemp, 21st & Washington
Simpson Washington, 919 S 46th
Sutton W. A. & Co., 926 N 19th
Thompson Bros., 125 N 5th
*Thompson J. & Co., Van Horn &
Sophia
Turner Henry, 4737 N Front
Wark W. E. Co., 1737 Filbert
Wayne Iron Works, Commercial Trust
bldg
PITTSBURGH—Albree Chester B. Iron
Works Co., 1201 Metropolitan
Buechele Iron & Tool Works Co., 4127
Liberty av
Cornwall E. & Co., 709 Sarah
Eichleay John Jr. Co., 20th & Wharton
Hanny Chas. G. & Co., 856 W North
av
Lane Thos Co., Farmers Bank bldg
*Marshall Foundry Co. (Builders'
Castings)
PITTSBURGH-DES MOINES STEEL
CO., 4th & Ross
See adv index at end of book
Pittsburgh Ornamental Iron Co., S
20th & Wharton
Riesack Iron Works, 1201 Metropolitan
*Rosedale Foundry & Machine Co.,
Washington & Preble
Sommerville Iron & Bronze Co., 5641
Butler
Star Ornamental Iron & Wire Works
2525 Frazier
Stewart-Holland Co., Wabash bldg
Taylor & Dean, Penn av & 25th
TYLER W. S. CO., Bessemer bldg.
See adv index at end of book
Vilsack Martin Co., 3222 Penn av
POTTSTOWN—Weller M. D.
READING—Kiefer W. L.
*Remppis Wm. F. Co (Plain & Orna-
mental), 226 Spruce
WAYNESBORO—Smith Fence & Iron Co.
WILKES-BARRE—Eagle Iron Works
YORK—Smyser Royer Co.

RHODE ISLAND.

PAWTUCKET—White J. S. Co.
PROVIDENCE—Colvin Foundry Co., 185
Globe
Commercial Iron Works, Inc., 171
Globe
Providence Ornamental Iron Works,
72 Dudley
Providence Steel & Iron Co. (Cast &
Wrought), Kinsley av
Tower Jas. H. Iron Works, 50 Borden
WOONSOCKET—Woonsocket Mach. &
Press Co. (Builders' Castings)

SOUTH CAROLINA.

ANDERSON—*Anderson Machine & Fdry.
Co.
CHARLESTON—*Charleston Iron Works
*Riley J. F.
*Riverside Iron Works, Concord

SOUTH DAKOTA.

SIOUX FALLS—Pankow Bros.

TENNESSEE.

CHATTANOOGA—*Chattanooga Car &
Foundry Co.
*Chattanooga Roofing & Foundry Co.
(Ornamental Wrought Iron & Cast
Iron Columns, Sills, etc)
Eureka Supply Co.
Price-Evans Foundry Co.
Standard Iron & Wire Works.
JACKSON—*Southern Engine & Boiler
Works
KNOXVILLE—*Fair Foundry Co.
*Knoxville Foundry & Machine Co.
MEMPHIS—*Chickasaw Iron Works
Pidgeon-Thomas Iron Co.
Tennessee Wire & Iron Works
NASHVILLE—Stewart & Bruckner Co.

TEXAS.

AUSTIN—*Tips Walter Co.
DALLAS—Harry O. K. Steel Works
*Mosher Mfg. Co.
FORT WORTH—*Van Zandt-Moore Iron
Works
GALVESTON—Walsh & Cleary
HOUSTON—Berger A. A. & Co.
*Dickson Car Wheel Co.
*Hartwell Iron Works
*Houston Car Wheel & Machine Co.
Riesner Bernard A.
*Union Iron Works

UTAH.

SALT LAKE CITY—*Silver Bros. Iron
Works Co.

VIRGINIA.

ALEXANDRIA—Alexandria Iron Works
DANVILLE—*Westbrook Elevator Co.,
Inc
NORFOLK—Norfolk Iron & Wire Works
RICHMOND—Carr Jas. W., 7th N 25th
Cruikshank Iron Works Co., Dineen &
S. A. L. R. R.
Richmond Structural Steel Co., 17th
& Dock
Ross Structural Iron Works
*Tredegar Co., ft. of 5th
ROANOKE—*Roanoke Iron Works
*Virgina Bridge & Iron Co.
SALEM—*Camden Iron Works

WASHINGTON.

SEATTLE—American Iron & Wire Works
*Olympic Foundry Co. (Builders' Cast-
ings, etc)
Pacific Ornamental Iron Co.
West Coast Ornamental Iron & Wire
Works, Inc
*Variety Iron Works
SPOKANE—Excelsior Fence Co.
National Iron Works
Northwest Harvester Co.
Spokane Ornamental Iron & Wire
Works
*Union Iron Works, Inc.
TACOMA—*Atlas Foundry & Machine Co.
Puget Sound Iron & Steel Works

WEST VIRGINIA.

HUNTINGTON—Huntington Iron Works
WHEELING—Moss J. E. Iron Works

WISCONSIN.

APPLETON—*Valley Iron Works Co.
(Castings & Columns, etc)
DE PERE—Western Steel & Iron Works
(Steel Gates, Fences, etc)
EAU CLAIRE—*Phoenix Mfg. Co.
GREEN BAY—Rothe Jos. F. Foundry Co.
LA CROSSE—Smith Mfg. Co.
Torrance John & Son
MADISON—Kupler Theodore
MILWAUKEE—Badger Wire & Iron
Works, 687 Muskego av
Bayley Structural Iron Co., 705 S
Pierce
*Colnik C. Mfg. Co., 750 Greenbush
Globe Wire & Iron Works, Atkinson av
*Greenslade Foundry Co., 172 Cor-
coran av
Hackendahl & Schmidt, 1513 St. Paul
av
Hennecke C. Co., 1353 N Pierce
Milwaukee Structural Steel Co., 19th &
St. Paul av
Pletsch Ferdinand, 621 Cedar
Standard Iron & Wire Works, 489
12th

Wagner A. F., 763 N Water
West Side Architectural Iron Works,
1529 Cherry
Wisconsin Iron & Wire Works
RACINE—Goehner Chas.
Racine Iron & Wire Works
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg Iron Works
WEST BEND—*Gehl Bros. Mfg. Co. (Cast-
ings Only)

Iron (Band & Hoop)

See Iron & Steel, Band & Hoop

6691— Iron Bar Mills

See Also Steel Structural Mills

Aetna Nut Co. (Merchant Bar, Rounds &
Squares, Ovals & Half Rounds &
Ovals), Southington, Conn.
Altoona Iron Co. (Refined Merchant Bar,
Band, Hoop, Oval, Half Round &
Scroll Iron), Altoona, Pa.
American Car & Foundry Co. (Merchant
Bars, Flats, Squares, etc), Syndicate
Trust bldg, St. Louis, Mo.
American Chain Co. (Merchant Bar Iron
for Harness & Saddlery Work &
Chains), Bridgeport, Conn.
American Horse Shoe Co. (All for our own
Consumption), Phillipsburg, N. J.
American Steel & Wire Co. (Flats for
Horse Shoes, etc), Frick bldg, Pitts-
burgh, Pa.
Ames W. & Co. (Rounds, Flats & Squares),
Communipaw av, Jersey City, N. J.
Bethlehem Steel Co. (Double Refined), S
Bethlehem, Pa.
Bourne-Fuller Co., Hickox bldg, Cleve-
land, O.
Brown & Co. (Refined Bar & Hammered
Iron for Special Purposes), 10th &
Duquesne way, Pittsburgh, Pa.
Burden Iron Co. (Bar & Other Merchant
Iron), Troy, N. Y.
Carter Iron Co. (Merchant Bar Iron),
307 5th av, Pittsburgh, Pa.
Collins Co. (Flats & Squares), Collinsville,
Conn.
Colorado Fuel & Iron Co. (Merchant Bar),
Denver, Colo.
Davis Bros. (Merchant Bar Iron), 29th &
Bristol, Phila., Pa.
Edwards Edward T., Columbia, Pa.
Empire Rolling Mill Co. (Merchant Bar
Iron), Cleveland, O.
Fort Wayne Rolling Mill Corp. (Rounds,
Squares, Flats, Ovals, Crescents, Tees,
Angles & Channels), Fort Wayne, Ind.
Harrow Spring Co. (Refined Bar Iron),
Milwaukee, Wis.; Works, Kalamazoo,
Mich.
Highland Iron & Steel Co. (Merchant Bar),
Terre Haute, Ind.
Hoopes & Townsend Co. (Merchant Iron,
Rounds, Squares & Flats), Broad &
Buttonwood, Phila., Pa.
Hughes & Patterson (Bar Iron), 800 Rich-
mond, Phila., Pa.
Illingworth Jno. Steel Co. (Rerolled Swed-
ish & Norway Iron), Tacony & Lewis,
Phila., Pa.
INTERSTATE IRON & STEEL CO. (Bars,
Flats, Rounds, Squares, Ovals, Half
Rounds, Hexagons, Bevel Edge, etc),
1st Nat'l Bank bldg, Chicago, Ill.
See adv index at end of book
JANSON STEEL & IRON CO. (High Grade
Refined Iron in Rounds, Squares, Flats,
etc), Columbia, Pa.
Judson Mfg. Co. (Merchant Bar Iron),
819 Folsom, San Francisco, Cal.
Kansas City Bolt & Nut Co. (Merchant
Bar Iron), Kansas City, Mo.
Knoxville Iron Co. (Merchant Bar),
Knoxville, Tenn.
Lebanon Valley Iron & Steel Co. (Mer-
chant Bar, etc), Lebanon, Pa.
Lockhart Iron & Steel Co. (Rolled Bar
Iron Specialty, "Vulcan" Brand of
Iron Bars, Bands, Angles & Chan-
nel), McKees Rocks, Pa.
Logan Iron & Steel Co. (Charcoal & Re-
fined Bar Iron, Crown Bars, Flats,
Rounds, Squares, Ovals, Half Rounds
& Ovals, etc), Burnham, Pa.
McCoy-Linn Iron Co. (Charcoal), Iron,
Rounds, Flats & Squares), Milesburg,
Pa.
Milton Mfg. Co. (Refined Bar Iron), Mil-
ton, Pa.
National Rolling Mill Co. (Bar & Fin-
ished), Vincennes, Ind.

Nicetown Plate Washer Co. (Refined Merchant), 1324 Juniata, Phila., Pa.
 Ohio Falls Iron Co. (Merchant Bar & Iron for Railroad, Bridges & Car Works, etc.), New Albany, Ind.
 Old Dominion Iron & Nail Works Co. (Merchant Bar & Bridge Iron), Belle Isle, Richmond, Va.
 Pacific Hardware & Steel Co. (Bar Iron), 7th & Townsend, San Francisco, Cal. Works: Portland, Oregon.
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Portland Iron & Steel Co. (Flats, Rounds & Squares), South Portland, Me.
 Reading Iron Co. (Merchant Bar), Reading, Pa.
 Republic Iron & Steel Co. (Common, Merchant & Refined Bar Iron), Youngstown, O.
 Rockaway Rolling Mill (Bar & Double Refined Bars), Rockaway, N. J.
 Rome Merchant Iron Mill (High Grade Refined & Merchant Puddled Bars), Rome, N. Y.
 Scranton Bolt & Nut Co. (Merchant Bar), Scranton, Pa.
 Slatington Iron & Steel Co. ("Slatington Best," "Slatington Norway," "Slatington Staybolt," "Lehigh," High Grade Refined Carriage, Drop Forging, Horse Shoe & Boiler Rivet Iron, etc.), Slatington, Pa.
 Sylvester Company (Merchant Bar Iron), 141 Milk, Boston, Mass. Works: Danvers, Mass.
 Texas Rolling Mill Co. (Rounds, Squares, Flats, etc.), Fort Worth, Tex.
 Tredegar Co. (Merchant Bar, Car Iron), ft of 5th, Richmond, Va.
 Tuttle Chas. W. (Merchant Bar Iron), ft of McMaster, Auburn, N. Y.
 Ulster Iron Works (Puddled Merchant Bar Iron), Dover, N. J.
 Union Rolling Mill Co. (Refined Bar Iron; also Bolt, Nut, Rivet & Bridge), Cleveland, O.
 Virginia Iron Coal & Coke Co. (Merchant Bar Iron), Roanoke, Va.
 Westerman & Co. (Rounds, Squares, Hexagons & Fancy Shapes & Horse Shoe Iron), Lockport, N. Y.
 Wurster F. W. & Co. (Merchant Bar Iron), 375 Kent av, Brooklyn, N. Y.

Iron (Boiler & Tank Plate)

See Iron & Steel, Boiler & Tank Plate

6692— Iron (Bridge)

See also Steel Structural Mills

Lockhart Iron & Steel Co., Pittsburgh, Pa.
 Logan Iron & Steel Co., Burnham, Pa.
 Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
 Ohio Falls Iron Co., New Albany, Ind.

Iron Castings

See Castings, Various Kinds; also Machinists & Founders

Iron (Channel)

See Steel Structural Mills

6693— Iron (Charcoal Sheet)

See also Iron & Steel Sheet, Black & Galvanized

American Sheet & Tin Plate Co. (Hammered Bloom Galv'd), Frick bldg, Pittsburgh, Pa.
 Carnahan Tin Plate & Sheet Co. (Tinned), Canton, O.
 Ewald Iron Co., Louisville, Ky.
 Garry Iron & Steel Co., Niles, O.
 Griffith Charcoal Iron Mills, Washington, Pa.
 Reeves Mfg. Co. ("Reeves Guaranteed"), Dover, O.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Trumbull Steel Co., Warren, O.
 Whitaker-Glessner Co., Wheeling Corrugating Dept., Wheeling, W. Va.

6694—Iron (Chemical Sheet)

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Iron (Electrical)

See Iron & Steel Sheet, Electrical

6695— Iron (Engine Bolt)

See also Iron Bar Mills

Bethlehem Steel Co. (Double Refined), South Bethlehem, Pa.
 Carter Iron Co. ("Carter"), 307 5th av, Pittsburgh, Pa.
 Lockhart Iron & Steel Co. ("Vulcan" Puddled), Pittsburgh, Pa.
 Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.
 Ohio Falls Iron Co., New Albany, Ind.
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
 Slatington Iron & Steel Co., Slatington, Pa.
 Ulster Iron Works ("Ulster" Special), Dover, N. J.

Iron Fencing

See Iron Railings & Fences; also Fences, Iron & Steel Picket

6696— Iron (Guide)

See also Iron Bar Mills

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.

6697— Iron (Horse Shoe)

See also Iron Bar Mills

Empire Rolling Mill Co., Cleveland, O.
 Logan Iron & Steel Co., Burnham, Pa.
 Ohio Falls Iron Co. (Hammered Charcoal Iron), New Albany, Ind.
 Rome Merchant Iron Mill, Rome, N. Y.
 Slatington Iron & Steel Co., Slatington, Pa.
 Tuttle Chas. W., ft of McMaster, Auburn, N. Y.

6698—Iron (Hot & Cold Rolled Strip)

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

6699— Iron Muck Bar

(This List Contains Only those Firms Who Manufacture Muck Bars for Sale)

Bethlehem Steel Co. (Low Phosphorus), South Bethlehem, Pa.
 Blandon Rolling Mill, Blandon, Pa.
 Brooke E. & G. Iron Co., Birdsboro, Pa.
 Carter Iron Co. (Fine Grades), 307 5th av, Pittsburgh, Pa.
 Empire Rolling Mill Co., Cleveland, O.
 Glasgow Iron Co., Pottstown, Pa.
 Highland Iron & Steel Co., Terra Haute, Ind.
 Interstate Iron & Steel Co., 1st Nat'l Bk bldg, Chicago, Ill.
See adv index at end of book
 Kittanning Iron & Steel Mfg. Co., Kittanning, Pa.
 Lebanon Valley Iron & Steel Co., Lebanon, Pa.
 Lessig Geo. B. Co., Pottstown, Pa.
 Logan Iron & Steel Co., Burnham, Pa.
 Milton Mfg. Co., Milton, Pa.
 Moorhead Bros. & Co., Sharpsburg, Pa.
 Pacific Hdw. & Steel Co., 7th & Townsend, San Francisco, Cal.
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
 Potts Bros. Iron Co., Pottstown, Pa.
 Roe & Conover 206 Frelinghuysen av, Newark, N. J.
See adv index at end of book
 Spang, Chalfant & Co., Union Bank bldg, Pittsburgh, Pa.
 Williamsport Iron & Nail Co., Williamsport, Pa.
 Youngstown Sheet & Tube Co., Youngstown, O.

Iron (Norway)

See Iron & Steel, Swedish

6700— Iron (Open Hearth)

Andrews Steel Co. (Rust Resisting Sheets, etc.), Newport, Ky.
 Newport Rolling Mill Co. (Rust Resisting, Anti-Corrosive Sheets), Newport, Ky.

6700a— Iron (Perchloride)

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.

Iron Pier Builders

See Steel Structural Work

Iron (Pipe & Flue)

See Iron & Steel Skelp

Iron (Planished)

See Locomotive Jacket Iron; also Steel Sheets, Planished & Polished

6700b—Iron (Precipitated Oxide of)

Lavino E. J. & Co., Bullitt bldg, Phila. Pa.

6701—Iron Railings & Fences

For other Iron Railing Manufacturers see Iron, Architectural & Ornamental; also Bank & Office Railings; also Wire Fences

Amos Chas. & Co., 640 Hart av, Detroit, Mich.
 Anchor Post Iron Works, 165 Broadway, New York
 Armstrong & Parker, Bath & North, Baltimore, Md.
 Atlanta Wire & Iron Works Co., Atlanta, Ga.
 Balderston H. & Son, 319 Pearl, Baltimore, Md.
 Barbee Wire & Iron Works, Lafayette, Ind.
 Barnum E. T. Wire & Iron Wks., 864 Woodward, Detroit, Mich.
 Bayley Wm. Co., Springfield, O.
 Belmont Iron Wks., 22d & Wash. av, Phila., Pa.
 Biggin Charles P. Co., 1829 Harlan, Phila., Pa.
 Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
 Bradley & Hubbard Mfg. Co., Meriden, Conn.
 Braun J. G., 609 S Paulina, Chicago, Ill.
 Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.
 Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*
 Camden Iron Works, Salem, Va.
 Champion Iron Co., Kenton, O.
 Chesapeake Iron Works, Westport, Baltimore, Md.
 Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.
 Cincinnati Iron Fence Co., Cincinnati, O.
 Coleman Adelbert E., 336 37th, Chicago, Ill.
 Colnik C. Mfg. Co., 750 Greenbush, Milwaukee, Wis.
 Columbus Wire & Iron Works Co., Columbus, O.
 Cornell Iron Works, 26th & 11th av, New York
 Creswell S. J. Iron Works, 23d & Cherry, Phila., Pa.
 Darby Edward & Sons Co., 239 Arch, Phila., Pa.
 Dauchy Iron Works, 223 W Illinois, Chicago, Ill.
 Davenport Machine & Foundry Co., Davenport, Ia.
 Deschauer Wire & Iron Works, 2009 Larabee, Chicago, Ill.
 Dietrich Bros., cor Pleasant & Davis, Baltimore, Md.
 Donovan Wire & Iron Co. (Railings Only), Toledo, O.
 Dow Wire & Iron Works, Louisville, Ky.
 Dufur, Baggott & Co., 225 W Saratoga, Baltimore, Md.
 Dufur & Co., 311 N Howard, Baltimore, Md.
 Eagle Iron Works Inc., 850 De Kalb av, Brooklyn, N. Y.
 East Iron & Machine Co. (Railings Only), 351 E Market, Lima, O.
 Ernst's Chas. F. Sons, Buffalo, N. Y.
 Fiske J. W. Iron Works, 80 Park pl, New York
 Fletcher & Crowell Co., Portland, Me.
 Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
 Gehret Bros., Bridgeport, Pa.
 Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
 Hassell Iron Works Co., Colorado Springs, Colo.
 Heath-Johnson Co. Inc., 300 W Ontario, Chicago, Ill.

Hennecke C. Co., 1353 N Pierce, Milwaukee, Wis.
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Herzog Iron Works, St. Paul, Minn.
 Howard & Morse (For Interiors), 46 Fulton, New York
 Huntington Iron Works, Huntington, W. Va.
 Inglis Wm. Wire & Iron Wks., 61 Woodbridge E, Detroit, Mich.
 International Steel & Iron Co., Evansville, Ind.
 Jackson Wm. H. Company, 2 W 47th, New York
 Jones Willis H., Utica, N. Y.
 Kansas City Wire & Iron Works, Kansas City.
 Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
 Landon E. R., 166 N May, Chicago, Ill.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Lindenschmidt Co., Evansville, Ind.
 Love Bros. Inc., Aurora, Ill.
 Loewer John E. Structural Steel, Wire & Iron Works, Kansas City, Mo.
 Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
 Lyons F. P. Iron Works, 319 Elm, Manchester, N. H.
 McKinney Jas. & Son, Albany, N. Y.
 Manly Jail Works, Dalton, Ga.
 Mast Foos & Co., Springfield, O.
 Meier-Wiese Co. (Railings Only), Ft. Wayne, Ind.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Mesker Geo. L. & Co. (Railings), Evansville, Ind.
MEYERS FRED J. MFG. CO., Hamilton, O. *See adv index at end of book*
 Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
 New Haven Fence & Fire Escape Co., 683 Grand av, New Haven, Conn.
NEWMAN MFG. CO. (Hand Railing), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.
See adv index at end of book
 Norfolk Iron & Wire Works, Inc., Norfolk, Va.
 Norfolk Iron Co., Norfolk Downs, Quincy, Mass.
 Omaha Safe & Iron Works, Omaha, Neb.
 Pacific Fence Construction Co., 423 Market, San Francisco, Cal.
 Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.
See adv index at end of book
 Peters F. N. & Bro. (Wrought Iron & Cast Iron), Newside, Pa.
PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York
See adv index at end of book
 Pittsburgh Ornamental Iron Co., S 20th & Wharton, Pittsburgh, Pa.
 Potts Mfg. Co., Mechanicsburg, Pa.
 Queen City Iron & Wire Wks. Co., Denver, Colo.
 Racky Albert C., 531 S 5th av, Chicago, Ill.
 Ralston Iron Works, 20th & Indiana, San Francisco, Cal.
 Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.
 Richey, Brownie & Donald (& Bronze), Flushing av, Maspeth, Borough of Queens, N. Y.
 Richmond Structural Steel Co., 17th & Dock, Richmond, Va.
 St. Louis Wire & Iron Works Co., 518 Chouteau av, St. Louis, Mo.
 Scaar Frank & Co., 1042 W 11th, Chicago, Ill.
 Schneider's C. A. Sons, 212 12th, Washington, D. C.
 Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.
 Seiferlein & Malleis, Detroit, Mich.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Smyser Royer Co., York, Pa.
SNOW W. A. IRON WORKS, Inc, 19 Portland, Boston, Mass.
 Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
 Standard Iron & Wire Works, Chattanooga, Tenn.
 Standard-Tyler Co., 2436 W. 15th, Chicago, Ill.
 Stewart Iron Works Co., Cincinnati, O.
 Taylor & Dean, Penn av. & 25th, Pittsburgh, Pa.

Thompson Hervey, 178 E 119th, New York
TYLER W. S. CO., Cleveland, O.
See adv index at end of book
 Union Foundry Works, 38 S Dearborn, Chicago, Ill.
 United Ornamental Iron Works, 189 W Madison, Chicago, Ill.
 Van Dorn Iron Works Co. (Wrought), 2700 E 79th, Cleveland, O.
 Verdeckberg Iron & Wire Works Co., 1401 Market, Denver, Colo.
 Voss Frederick, 1852 Austin av, Chicago, Ill.
 Vulcan Co., 11 Raynor, Detroit, Mich.
 Wayne Iron Works, Commercial Trust bldg, Phila., Pa.
 Wells Architectural Iron Co., River av & 1st, New York
 West Side Structural Co., Watervliet, Troy, N. Y.
 Winslow Bros Co., 2600 Harrison, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass.
See adv index at end of book
 Zeman Iron Works, 5651 Broadway, Cleveland, O.

6702—Iron (Refined Hammered)

Cyclops Steel Works, Titusville, Pa.

6703—Iron (Russia)

Bruce & Cook (Imp), 190 Water, New York

6704—Iron (Rust Resisting)

Allegheny Steel Co. ("Allegheny" Charcoal Iron), Oliver bldg, Pittsburgh, Pa.
 Andrews Steel Co. (Genuine Open Hearth, Sheets, etc), Newport, Ky.
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
 Inland Steel Co. ("Vismera"), First Nat'l Bank bldg, Chicago, Ill.
 Newport Rolling Mill Co. ("Genuine Open Hearth," Sheets), Newport, Ky.
 Reeves Mfg. Co. ("Reeves Guaranteed"), Dover, O.
 Stark Rolling Mill Co. (Toncan, Metal Sheets) Canton, O.
 Whitaker-Glessner Co. (Portsmouth Iron), Wheeling, W. Va.

6705—Iron (Rustless, Oxidized)

Meyers Fred'k J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

6706—Iron Sheets (Blue Annealed)

Reeves Mfg. Co., Dover, O.
 Whitaker-Glessner Co. (Rust Resisting), Wheeling, W. Va.

Iron Skelp

See Iron & Steel Skelp

6707—Iron Stair Builders

Albree Chester B. Iron Works Co., 1201 Metropolitan, Pittsburgh, Pa.
 Amos Chas & Co., 640 Hart av, Detroit, Mich.
 Armstrong & Parker, Bath & North, Baltimore, Md.
 Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.
 Bayer-Rothgeb Co., Los Angeles, Cal.
 Belmont Iron Works, 22d & Washington av, Phila., Pa.
 Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.
 Bradley & Hubbard Mfg. Co., Meriden, Conn.
 Camden Iron Works, Salem, Va.
 Capital Iron Works Co., Topeka, Kan.
 Champion Iron Co., Kenton, O.
 Chesapeake Iron Works, Westport, Baltimore, Md.
 Child W. C. W., 355 Kingsland av, Brooklyn, N. Y.
 Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.
 Coleman Adelbert E., 336 N 37th, Chicago, Ill.
 Cornell Iron Works, 26th & 11th av, New York

Creswell S. J. Iron Works, 23d & Cherry, Philadelphia, Pa.
 Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
 Dexter Metal Mfg. Co. (Spiral), 93 Arch, Camden, N. J.
 Donovan Wire & Iron Co., Toledo, O.
 Eagle Iron Works, 850 De Kalb av, Brooklyn, N. Y.
 Ernst's Chas. F. Sons, Buffalo, N. Y.
 Fletcher & Crowell Co., Portland, Me.
 Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.
 Forest City Steel & Iron Co., 110th nr Detroit av, Cleveland, O.
 Gerdes & Co., 42 Church, New York
See adv index at end of book
 Guaranty Iron & Wire Co., 2847 W Lake, Chicago, Ill.
 Halsted Joseph Co., 1233 W Randolph, Chicago, Ill.
HANKE IRON & WIRE WORKS, 800 N Albany av, Chicago, Ill.
See adv index at end of book
 Hassell Iron Works Co., Colorado Springs, Colo.
 Hastings Foundry & Iron Works, Hastings, Neb.
 Hay Foundry & Iron Works, Plum Point la, Newark, N. J.
 Hedden Iron Construction Co., 207 Market, Newark, N. J.
 Henry-Bonnard Bronze Co., 20 Exchange pl, New York
 Herzog Iron Works, St. Paul, Minn.
 Hughes F. L. & Co., Rochester, N. Y.
 Holmes, Pyott & Co., 159 N Jefferson, Chicago, Ill.
 Howard & Morse, 46 Fulton, New York
 Huntington Iron Works, Huntington, W. Va.
 International Steel & Iron Co., Evansville, Ind.
 Iowa Steel & Iron Works, Cedar Rapids, Ia.
 Jackson Wm. H. Company, 2 W 47th, New York
 Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.
 Kleeman L. F. Mfg. Co., 1923 Central, Kansas City, Mo.
 Landon E. R., 166 N May, Chicago, Ill.
 Lane Thos. Co., Farmers' Bank bldg, Pittsburgh, Pa.
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.
 Love Bros. Inc., Aurora, Ill.
 Loewer-John E. Structural Steel Wire & Iron Works, Kansas City, Mo.
 Lucas A. & Sons, 1329 S Washington, Peoria, Ill.
 McKinney Jas. & Son, Albany, N. Y.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Mesker Geo. L. & Co., Evansville, Ind.
 Meier-Wiese Co., Ft. Wayne, Ind.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

MEYERS FRED J. MFG. CO., Hamilton, O.
See adv index at end of book

Milliken Bros., 111 Broadway, New York
Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.
Mugler's Iron Works, 841 E 136th, New York

Norfolk Iron Co., Norfolk Downs, Quincy, Mass.
Norfolk Iron & Wire Works, Inc., Norfolk, Va.
Omaha Safe & Iron Works, Omaha, Neb.
Paxton & Vierling Iron Works, Omaha, Neb.

Pittsburgh Ornamental Iron Co., S 20th & Wharton, Pittsburgh, Pa.
Plocher Andrew Sons Co., Dayton, O.
Remppis Wm. F. Co., 226 Spruce, Reading, Pa.

Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.
Richey, Browne & Donald, Flushing av, Maspeth, Borough of Queens, N. Y.

Riser & Moulding Co., Thomas & Stewart av, Brooklyn, N. Y.
Roanoke Iron Works, Roanoke, Va.
Rohns Albert & Co., Detroit, Mich.
St. Louis Wire & Iron Co., St. Louis, Mo.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

Scaar Frank & Co., 1042 W 11th, Chicago, Ill.

Schneider's C. A. Sons, 212 12th, Washington, D. C.
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

Smith & Caffery Co., Syracuse, N. Y.
Smyser, Royer Co., York, Pa.

Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.
Southwest Wire & Iron Works Co., Kansas City, Mo.

Standard Architectural Iron Works, 2300 Bloomingdale av, Chicago, Ill.
Standard Iron & Wire Works, Chattanooga, Tenn.

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

Stevens Iron Works & Fireproofing Co., Cleveland, O.
Syracuse Architectural Iron Works, Syracuse, N. Y.

Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.

Thompson Hervey, 178 E 119th, New York
Tilk Frank Ornamental Iron Works Co., Kansas City, Mo.

Titchener E. H. & Co., Binghamton, N. Y.
TYLER W. S. Co., Cleveland, O.
See adv index at end of book

Union Foundry Works, 38 S Dearborn, Chicago, Ill.

United Iron Works Co., Springfield, Mo.
United Ornamental Iron Works, 189 W Madison, Chicago, Ill.

Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.
Verdeckberg Iron & Wire Works Co., 1401 Market, Denver, Colo.

Vierling Steel Works, 23d & Stewart av, Chicago, Ill.

Vulcan Co., 11 Raynor, Detroit, Mich.
Wayne Iron Works, Commercial Trust bldg, Philadelphia, Pa.

Wells Architectural Iron Co., River av & 51st, New York
Western Architectural Iron Co., 211 W Schiller, Chicago, Ill.

Western Iron & Foundry Co., Wichita, Kansas
West Side Structural Co., Watervliet, Troy, N. Y.

Whale Creek Iron Works, 245 Huron, Brooklyn, N. Y.
Winslow Bros Co., 4600 Harrison, Chicago, Ill.

Wisconsin Iron & Wire Works, Milwaukee, Wis

6708—Iron Stair Builders (Combination Steel Concrete Interior)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

6709—Iron (Staybolt)

Bethlehem Steel Co. ("Bethlehem"), South Bethlehem, Pa.
Carter Iron Co. ("The Carter," "Special"), 307 5th av, Pittsburgh, Pa.

Delaware Seamless Tube Co. (Hollow Staybolt Stock), Auburn, Pa.
Ewald Iron Co. ("Tennessee," Charcoal Bloom & "E.-I.-E. Charcoal), Louisville, Ky.

Falls Hollow Staybolt Co. (Hollow & Solid Staybolt Bars, Made from Double Refined Charcoal Iron & Steel), Cuyahoga Falls, O.

Hughes & Patterson ("H. & P."), 800 Richmond, Phila., Pa.

Jones B. M. & Co., Inc. (Importers of "The Taylor," Best Yorkshire), 141 Milk, Boston, Mass.

Lockhart Iron & Steel Co., Pittsburgh, Pa.
Logan Iron & Steel Co., Burnham, Pa.

National Tube Co. ("NATIONAL" & "SHELBY" Hollow Staybolts), Frick bldg, Pittsburgh, Pa.
See adv index at end of book

Ohio Falls Iron Co., New Albany, Ind.
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.

Pittsburgh Forge & Iron Co. ("Atlas"), 1003 Penn av, Pittsburgh, Pa.

Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., Youngstown, Ohio

Rockaway Rolling Mill, Rockaway, N. J.
Rome Merchant Iron Mill, Rome, N. Y.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
Ulster Iron Works ("Ulster," Special), Dover, N. J.

Union Rolling Mill Co., Cleveland, O.

Iron Summer Houses

See Summer Houses or Arbors

Iron (Swedish)

See Iron & Steel, Swedish

6710—Iron (Tagger's)

Phillips Sheet & Tin Plate Co., Wierton, W. Va.
Taylor W. & G. Co., Mariners & Merchants bldg, Phila, Pa.

Iron (Tee)

See Steel Structural Mills

6711—Iron (Trunk)

Phillips Sheet & Tin Plate Co., Wierton, W. Va.

Iron & Steel Angles, Channels, Tees, Etc.

See Steel Structural Mills. Structural Iron & Steel of all kinds are Classified Under this Heading. See Matter Following Each Firm's Name

6712—Iron & Steel (Band & Hoop)

Altoona Iron Co. (Iron Only), Altoona, Pa.
American Car & Foundry Co. (Band Iron Only), Syndicate Trust bldg, St. Louis, Mo.

American Tube & Stamping Co. (Hot & Cold Boiler Steel Hoops & Bands), Bridgeport, Conn.

Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.

Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburgh, Pa.

CARY MFG. CO., Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*
Colorado Fuel & Iron Co., Denver, Colo.

Connors-Weyman Steel Co. (Steel Hoops Only), Birmingham, Ala.

DE HAVEN MFG. CO. (Cold Rolled Steel), 50 Columbia Heights, Brooklyn, N. Y.
Empire Rolling Mill Co., Cleveland, O.

Farist Steel Co., Bridgeport, Conn.
Hornor W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Harrow Spring Co. (Band Only), Milwaukee, Wis.

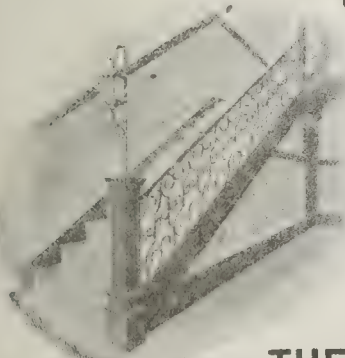
Hughes & Patterson (Iron Only), 800 Richmond, Phila, Pa.

Illinois Steel Co. (Steel Bands), 208 S La Salle, Chicago, Ill.

Jones & Laughlin Steel Co. (Steel Only), Ross, Pittsburgh, Pa.
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

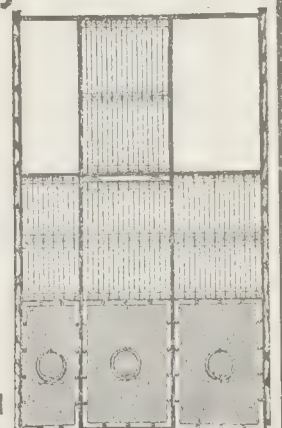
Laclede Steel Co., Federal Reserve Bank bldg, St. Louis, Mo.

Lockhart Iron & Steel Co. ("Vulcan" Band Iron), Pittsburgh, Pa.

ORNAMENTAL WIRE, IRON, BRASS AND BRONZE WORK

Elevator Cars and Enclosures
 Bank Railings
 Wickets
 Gates and Grilles
 Window Guards
 Stable Fittings
 Stairways
 Balconies

Prismatic Lights
 Area Gratings
 Jail Work
 Fire Escapes
 Wire and Iron Fencing
 Wire Signs
 Iron Reservoir Vases
 Wire and Iron Lawn Furniture



THE FRED J. MEYERS MFG. CO.
 HAMILTON, OHIO

*Estimates Cheerfully Furnished
 Catalog on Request*

Mac Murray Steel Hoop Co., 4082 Princeton av, Chicago, Ill.
 Ohio Falls Iron Co. (Light & Heavy Bands Only), New Albany, Ind.
 Old Dominion Iron & Nail Works Co. (Band Iron Only), Belle Isle, Richmond, Va.
 Pacific Hardware & Steel Co. (Band Iron Only), 7th & Townsend, San Francisco, Cal. Works: Portland, Ore.
 Pittsburgh Steel Co. (Steel), 5th av & Grant, Pittsburgh, Pa.
 Republic Iron & Steel Co., Youngstown, Ohio
 Rome Merchant Iron Mill (Iron), Rome, N. Y.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Sharon Steel Hoop Co. (Steel Bands & Hoops, Galvanized, Pickled, etc), Sharon, Pa.
 West Leechburg Steel Co. (Pickled & Annealed, Open Hearth Steel), Farmers Bank bldg, Pittsburgh, Pa.; Works: Leechburg, Pa.
 Youngstown Sheet & Tube Co., Youngstown, O.

Iron & Steel Bar

See Iron Bar Mills; also Steel Bar Mills

6713—Iron & Steel Boiler & Tank Plate

Allegheny Steel Co. (Open Hearth Steel Sheared Plates), Oliver bldg, Pittsburgh, Pa.

AMERICAN STEEL WIRE CO. (Bessemer & Open Hearth Steel Boiler, Tank & Bridge Plate), 208 S La Salle, Chicago, Ill. *See adv index at end of book*

Andrews Steel Co. (Steel Tank Plate Only), Newport, Ky.

Cambria Steel Co. (Bessemer, Open Hearth & Nickel Steel), Widener bldg, Phila., Pa.

Carbon Steel Co. (Steel Only), foot 32nd, Pittsburgh, Pa.

Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburgh, Pa.

Central Iron & Steel Co., Harrisburg, Pa.

CHICAGO BRIDGE & IRON WORKS (Boiler), 2015 Old Colony bldg, Chicago, Ill.

For branch offices see adv index at end of book
 Crucible Steel Co. of America (Crucible & Open Hearth Steel), Oliver bldg, Pittsburgh, Pa.

Farist Steel Co., Bridgeport, Conn.

Glasgow Iron Co., Pottstown, Pa.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Illinois Steel Co. (Open Hearth & Bessemer Steel), 208 S La Salle, Chicago, Ill.

Inland Steel Co. (Open Hearth Steel), First Nat'l Bank bldg, Chicago, Ill.
 Jones & Laughlin Steel Co. (Open Hearth Steel), Ross, Pittsburgh, Pa.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

La Belle Iron Works (Open Hearth Steel), Steubenville, O.

Lackawanna Steel Co. (Bessemer & Open Hearth Steel Boiler, Bridge & Tank Plate), Buffalo, N. Y.

Lukens Steel Co. (Open Hearth Steel), Coatesville, Pa.

MERCHANT & EVANS Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

Moorhead Bros. & Co., Sharpsburg, Pa.

Otis Steel Co. (Open Hearth Sheared Steel Plates, 1-4 inch & heavier & up to 144 inches wide), Cleveland, O.

Republic Iron & Steel Co. (Steel), Youngstown, O.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

SCAIFE WM. B. & SONS CO., First National Bank bldg, Pittsburgh, Pa.

See adv index at end of book

Tennessee Coal, Iron & Railroad Co. (Steel Only), Birmingham, Ala.

United Alloy Steel Corp (Tank Plate), Canton, O.

Wood Alan Iron & Steel Co. ("A. W." Basic Open Hearth Steel, etc), Widener bldg, Phila., Pa.

Worth Bros. Co. (Open Hearth Steel), Coatesville, Pa.

6714—Iron & Steel (Corrugated, Mfrs.)

Firms marked thus (*) Roll their own Sheets

See also Roofing & Siding, Iron & Steel
 Allegheny Steel Co. ("Allegheny" Iron Only), Oliver bldg, Pittsburgh, Pa.

*American Rolling Mill Co., Middletown, Ohio

*American Sheet & Tin Plate Co. (Black, Painted & Galvanized), Frick bldg, Pittsburgh, Pa.

*Apollo Steel Co., Apollo, Pa.

*Berger Mfg. Co. ("Multiplex"), Canton, O.

Berger Mfg. Co. of Calif., 1120 Mission, San Francisco, Cal.

Brier Hill Steel Co. (Open Hearth Steel), Youngstown, O.

Canton Art Metal Co., Canton, O.

*Carter Iron Co. (Iron Only), 307 5th av, Pittsburgh, Pa.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

*De Forest Sheet & Tin Plate Co., Niles, Ohio

East Birmingham Iron Roofing Co., Birmingham, Ala.

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Eller Mfg. Co., Canton, O.

Friedley-Voshardt Co., Inc., 733 S Halsted, Chicago, Ill.

Garry Iron & Steel Co., Niles, O.

Globe Iron Roofing & Corrugating Co., Newport, Ky.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Griffiths Charcoal Iron Mills (Charcoal Iron Sheets), Washington, Pa.

Hyndman Roofing Co., 318 E 2d, Cincinnati, O.

Impervious Metal Corp. (Impervious Coated), Pittsburgh, Pa.

*Inland Steel Co. (Open Hearth Steel Sheet Only), First Nat'l Bk bldg, Chicago, Ill.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

Kanneberg Roofing & Ceiling Co., Canton, O.

La Belle Iron Works (Steel), Steubenville, O.

McCullough Iron Co., Equitable bldg, Wilmington, Del.

Martin Metal Mfg. Co., Wichita, Kans.

*Massillon Rolling Mill Co., Massillon, O.
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

Moeschl-Edwards Corrugating Co., Covington, Ky.

Milwaukee Corrugating Co., Milwaukee, Wis.

N. Y. Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.

Niles Corrugating Co., Niles, O.

Niles Iron & Steel Roofing Co., Niles, O.

Ohio Corrugating Co., Warren, O.

Parkersburg Iron & Steel Co., Parkersburg, W. Va.

Penn Metal Ceiling & Roofing Co. Ltd., 23d & Hamilton, Phila., Pa.

Penn Metal Co. ("Penco"), 201 Devonshire, Boston, Mass.

Reeves Mfg. Co., Dover, O.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio

*Seneca Iron & Steel Co. (Steel Only), Buffalo, N. Y.

Sharon Steel Hoop Co., Youngstown, O.

Souther E. E. Iron Co., Klenlin & Ham-burger, St. Louis, Mo.

Steel Roofing & Stamping Works, Des Moines, Ia.

Sykes Metal Lath & Roofing Co., Niles, O.

Sykes Co., 930 W 19th pl, Chicago, Ill.

Trumbull Steel Co., Warren, O.

Whitaker-Glessner Co. (Sheet Steel), Wheeling, W. Va.

*Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.

*Wood J. & Bros. Co. Inc., Conshohocken, Pa.

6715—Iron & Steel Sheet (Black & Galvanized)

Allegheny Steel Co. (Black Open-Hearth Sheet Steel for Electric Work, Special Cold Rolled Stamping Steel for Deep Drawing, Nickel Plating, etc), Oliver bldg, Pittsburgh, Pa.

American Rolling Mill Co. (Open Hearth Steel Sheets, Black & Galvanized; also Corrugated), Middletown, O.

American Sheet & Tin Plate Co. ("Apollo" Galvanized, "Apollo-Keystone" Galvanized steel for culverts, Bessemer & Open Hearth Steel Sheets, Black & Galvanized), Frick bldg, Pittsburgh, Pa.

Apollo Steel Co. (Galvanized Only), Apollo, Pa.

Berger Mfg. Co. (Steel), Canton, O.

Brier Hill Steel Co. (Open Sheet Steel, 10 to 30 Gauge), Youngstown, O.

Canonsburg Steel & Iron Works (Black Iron & Steel Sheets for Stamping, Enameling, Deep Drawing, Tinning, Galvanizing, etc), Canonsburg, Pa.

Canton Sheet Steel Co. ("Winir," Annealed Black & Galvanized), Canton, Ohio

Carnahan Tin Plate & Sheet Co. (Black Stamped Sheets), Canton, O.

Carter Iron Co. (Black Iron Chemical Sheets; also Roofing Sheets), 307 5th av, Pittsburgh, Pa.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

De Forest Sheet & Tin Plate Co. (Bessemer & Open Hearth, Steel & Wrought Iron, 10 to 30 Gauge), Niles, O.

Follansbee Bros. Co. (Iron & Open Hearth Black & Galvanized Steel Sheets "H O H"), Pittsburgh, Pa.

Frasse Peter A. & Co., Inc., 417 Canal, New York. *See adv index at end of book*

Garry Iron & Steel Co. (Black or Galvanized of Bessemer or Open Hearth Steel of Puddled Iron or Charcoal Iron in Flat or Corrugated. Also Blue Annealed & Uniform Blue Sheets), Niles, O.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Griffiths Charcoal Iron Mills (Black & Galvanized Charcoal Iron Sheets), Washington, Pa.

Illingworth Jno. Steel Co. (Hammered & Rolled Steel Sheets for Tools, Saws, Knives, Files, etc), Tacony & Lewis, Phila., Pa.

Inland Steel Co. ("Vismera" & Open Hearth Steel), 1st Nat'l Bank bldg, Chicago, Ill.

JESSOP WM. & SONS, Inc. ("Jessop's" Best Black Sheet Steel. Do not mfr Iron Sheets), 91 John, New York

See adv index at end of book

Jones & Laughlin Steel Co. (Tin Mill Size), Ross, Pittsburgh, Pa.

La Belle Iron Works (Open Hearth Steel Sheets), Steubenville, O.

McCullough Iron Co. (Black & Galvanized Steel Sheet), Equitable bldg, Wilmington, Del.

Massillon Rolling Mill Co. (Bessemer & Open Hearth Steel Sheets, Black & Galvanized), Massillon, O.

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.

See adv index at end of book

Morse & Son Co., 1881 E 87th, Cleveland, Ohio

Newport Rolling Mill Co. ("Genuine Open Hearth," Iron, Black & Galvanized, Rust Resisting Iron & Sheets), Newport, Ky.

Ohio Corrugating Co., Warren, O.

See adv index at end of book

Parkersburg Iron & Steel Co. (Fine Black Iron & Steel Sheets), Parkersburg, W. Va.

Phillips Sheet & Tin Plate Co. (Steel Sheets for Stamped Ware Stove Pipe & Enameling & Galvanizing Stock), Weirton, W. Va.

Reeves Mfg. Co., Dover, O.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Seneca Iron & Steel Co. (Black & Galvanized Bessemer Open Hearth Sheet Steel, 10 to 30 gauge, up to 42 wide and up to 12 ft in length), Buffalo, N. Y.

Stark Rolling Mill Co. (Open Hearth Steel & Toncan Metal, Black & Galvanized), Canton, O.

Taylor N. & G. Co., Mariners & Merchant bldg, Phila., Pa.
 Trumbull Steel Co., Warren, O.
 Universal Rolling Mill Co. (Bessemer & Open Hearth Steel Shovel, Nail & Tack Plate), Bridgeville, Pa.
 West Penn Steel Co. (All Grades of Basic Open Hearth Steel Sheets), Brackenridge, Pa.
 Western Reserve Steel Co. ("Wesco" Galvanized Steel Sheets), Warren, O.
 Wheeling Steel & Iron Co. (Bessemer Steel, Black Sheets), Wheeling, W. Va.
 Whitaker-Glessner Co. (Open Hearth Steel Box Annealed Black Sheets, Blue Annealed Sheets), Wheeling, W. Va.
 Wood Alan Iron & Steel Co. ("A.W." Refined Iron & Basic Open Hearth Steel, Black & Galvanized), Widener bldg., Phila., Pa.
 Wood J. & Bros. Co. Inc. (Sheet & Corrugated Iron & Blue Annealed Sheets), Conshohocken, Pa.
 Wyoming Shovel Works (Crucible & Open Hearth Steel Sheets & Light Plates), Wyoming, Pa.
 Youngstown Sheet & Tube Co. (Common & Double Refined Puddled Iron Sheets, Black & Galvanized Steel Sheets, Roofing, etc), Youngstown, O.

6716—Iron & Steel Sheet (Electrical)

See also Iron & Steel Sheet, Black & Galvanized

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
 American Rolling Mill Co. ("Muskingum," Open Hearth Steel Sheets, Special Electric Analysis), Middletown, Ohio
 American Sheet & Tin Plate Co. (Soft Steel Sheets, Doubled Annealed & Cold Rolled & Annealed Finishes), Frick bldg, Pittsburgh, Pa.
 Crowley John A. Co., 120 Liberty, New York
 De Forest Sheet & Tin Plate Co. (Open Hearth Steel), Niles, O.
 Follansbee Bros. Co., Pittsburgh, Pa.
 Horner W. S. & Co. (Basic & Acid O. H. Steel Sheets, Special Electrical Analysis), Oliver bldg, Pittsburgh, Pa.
 Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 West Penn Steel Co. (Steel Only), Brackenridge, Pa.
 Whitaker-Glessner Co. (Electrical Sheet Steel), Wheeling, W. Va.
 Wood J. & Bros. Co., Inc. (B Annealed), Conshohocken, Pa.

Iron & Steel Sheet (Galvanized)

See Iron & Steel Sheet, Black & Galvanized

6717—Iron & Steel Skelp

(This List contains only those Firms who Manufacture Skelp for Sale)

Allegheny Steel Co. (Open Hearth Steel), Oliver bldg, Pittsburgh, Pa.
 American Car & Foundry Co., 165 B'way, New York
 Blandon Rolling Mill (Iron Only), Blandon, Pa.
 Brooke E. & G. Iron Co. (Iron Skelp), Birdsboro, Pa.
 Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.
 Glasgow Iron Co. (Iron Only), Pottstown, Pa.
HARRISBURG PIPE & PIPE BENDING CO. (Steel Boiler Tube Skelp), Harrisburgh, Pa.
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.
 LaBelle Iron Works (Steel Only), Steubenville, O.
 Logan Iron & Steel Co. (Socket Iron, etc), Burnham, Pa.
 Moorhead Bros. & Co., Sharpsburg, Pa.
 Potts Bros. Iron Co. (Iron), Pottstown, Pa.
 Reeves Mfg. Co. (Charcoal Iron), Dover, O.
 Republic Iron & Steel Co., Youngstown, O.
 Spang Chalfant & Co. (Pipe Iron), Union Bank bldg, Pittsburgh, Pa.
 Wheeling Steel & Iron Co. (Grooved Skelp Steel, etc), Wheeling, W. Va.

Wood J. & Bros. Co. (Fine Iron), Conshohocken, Pa.
 Youngstown Sheet & Tube Co. (Wrought Iron & Bessemer & Open Hearth Steel Skelp), Youngstown, O.

6718—Iron & Steel (Swedish & Norway)

AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.

See adv index at end of book

Bacon & Co. (Norway & Swedish Iron), 107 Oliver, Boston, Mass.

Dana & Co., 111 B'way, New York
 Dodge Haley Co., 153 Broad, Boston, Mass.

Harvey Arthur C. Co., 374 Congress, Boston, Mass.

Houghton & Richards, 145 Oliver, Boston, Mass.

Illingworth John Steel Co., Tacony & Lewis, Phila., Pa.

International High Speed Steel Co. ("Bulldog" Brand Charcoal, Rock Drill Steel Hollow & Solid), 99 Nassau, New York

Lundberg Gustaf, Board of Trade bldg, Boston, Mass.

Milne A. & Co. (Norway Iron & Steel), 741 Washington, New York

MORRIS E. K. & CO. (Jobbers Norway Iron), 317 W 2nd, Cincinnati, O.

Nash George Co. (Non-Magnetic Hot & Cold Rolled Norway Iron & Acme Resistance & Bending Wire for Electrical Purposes, Steel Importers, "Seeborn & Deekstahl's" Self-Hardening & Tool Steel), 304 Hudson, New York.

Pierson & Co., 29 B'way, New York

Potts Horace T. & Co. (Of all Kinds), 318 N 3d, Phila., Pa.

Swedish Iron & Steel Corporation ("Sisco Acorn" Drill Steel), 12 Platt, New York

Todd Jno. H. L. (Swedish), 50 Broad, New York

Wheelock Lovejoy & Co. (Imp), 23 Cliff, New York

6719—Irons (Awning Frame)

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

6720—Irons (Beck)

Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.

Irons (Branding)

See Burning Brands

6721—Irons (Break)

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

6722—Irons (Breast Collar)

Frazer & Jones Co., Syracuse, N. Y.

6723—Irons (Burling)

Bullock Mfg. Associates, Springfield, Mass.
 Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

Stortz John & Son, 210 Vine, Phila., Pa.

6724—Irons (Cable)

Nagel W. G. Electric Co., Toledo, O.

Irons (Calking)

See Tools, Calking

6725—Irons (Car Ladder)

Kansas City Bolt & Nut Co., Kansas City, Mo.

Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

6726—Irons (Chafe or Rub)

Brady Electric Mfg. Co. ("Brady's" Brass & Bronze Bearing Roller), New Britain, Conn.

Chase Parker & Co., 82 Pearl, Boston, Mass.

National Roller Chafe Iron Co., West Medway, Mass.

6727—Irons (Chair)

Globe Foundry & Machine Co., Sheboygan, Wis.

Jenkins Machine Co., Sheboygan, Wis.

6728—Irons (Clamp)

Stearns E. C. & Co. (Also Door Frame Iron), 450 Oneida, Syracuse, N. Y.

6729—Irons (Coopers')

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6730—Irons (Curling)

American Elec'l Heater Co., Burroughs & Woodward avs, Detroit, Mich.

Cassady Fairbanks Mfg. Co., 6126 S La Salle, Chicago, Ill.

Cutler-Hammer Mfg. Co. (Electric), 1200 St. Paul av, Milwaukee, Wis.

See adv index at end of book
 Hamilton-Beach Mfg. Co. (Electric), Racine, Wis.

Houchin Thos. W. Co., 38 E 21st, New York

Landers, Frary & Clark (Electric), New Britain, Conn

Manhattan Elec'l Supply Co., 17 Park pl, New York

Nicol & Co. ("Grace Darling"), 218 N Jefferson, Chicago, Ill.

Presto Elec'l Co., San Francisco, Cal.

Pelouze Mfg. Co. (Electric), 232 E Ohio, Chicago, Ill.

Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.

Slaughter Wm. ("Schwartz" Electric), 1712 S Michigan av, Chicago, Ill.

Vulcan Electric Heating Co. ("Vulcan," Self-Heating Electric), 107 W 13th, New York

Westinghouse Elec & Mfg. Co., East Pittsburgh, Pa. See adv index at end of book

6731—Irons (Dog)

A. & J. Mfg. Co., Gadsden, Ala.

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Bethlehem Steel Co., So Bethlehem, Pa.

Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.

Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

Gray & Dudley Hardware Co., Nashville, Tenn.

Harriman Mfg. Co., Harriman, Tenn.

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

King Stove & Range Co., Sheffield, Ala.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Price-Evans Foundry Co., Chattanooga, Tenn.

Smith Thos. & Co., Worcester, Mass.

Southern Plow Co., Columbus, Ga.

Ashtabula Bow Socket Co. (Small Drop Forged, Automobile, etc), Ashtabula, O.

6733—Irons (Grab)

Cambria Steel Co., Widener bldg, Phila., Pa.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.

Steel Car Forge Co., Pittsburgh, Pa.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

6734—Irons (Grapppling)

Wilcox, Crittenden & Co., Middletown, Conn.

6735—Irons (Hair Pinching)

Nicol & Co. ("Cape May"), 218 N Jefferson, Chicago, Ill.

Osborne C. S. & Co., Harrison, N. J.

6736—Irons (Lead Pipe Bending)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6337—Irons (Neck Yoke, Single & Whiffletree)

Collins, Hilton Co., Louisville, Ky.

Columbus Chain Co., Columbus, O.

See adv index at end of book

Harvey Spring & Forging Co., Racine, Wis.

Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Oshkosh Mfg. Co., Oshkosh, Wis.

Wrought Washer Mfg. Co. (Steel), Milwaukee, Wis.

6738—Irons (Painters' Scaffold)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

6739—Irons (Pinking)

Kraeuter & Co., 583 18th av, Newark, N. J.

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

Osborne C. S. & Co., Harrison, N. J.

6740—Irons (Plane)

Buck Bros. (Cut Double & Plane), Millbury, Mass.

Chapin-Stephens Co., Pine Meadow, Conn.

Grammes L. F. & Sons, Allentown, Pa.

Mack & Co. ("D. R. Barton"), Rochester, N. Y.

Ohio Tool Co., Charleston, W. Va.

Sandusky Tool Co., Sandusky, O.

Sargent & Co., New Haven, Conn.

Stanley Rule & Level Co., New Britain, Conn.

Union Mfg. Co., New Britain, Conn.

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Irons (Polishing)

See Sad Irons

6741—Irons (Porch Post)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Grey Iron Casting Co., Mt. Joy, Pa.

Kramer Bros. Foundry Co., Dayton, O.

Penn Hardware Co., Reading, Pa.

Reading Hardware Co., Reading, Pa.

Susquehanna Casting Co., Wrightsville, Pa.

Sweet A. L. Iron Works, Medina, N. Y.

Williams A. C. Co., Ravenna, O.

Wrightsville Hardware Co., Wrightsville, Pa.

6742—Irons (Rig)

Chrisman-Goodwin Foundry Co., Morgantown, W. Va.

Gowanda Agricultural Works, Gowanda, N. Y.

Kansas City Bolt & Nut Co. (Bolts & Nuts), Kansas City, Mo.

6743—Irons (Rub)

Defiance Machine Works ("Dickman"), Defiance, O.

Harvey Spring & Forging Co., Racine, Wis.

Stowell Co. The, So Milwaukee, Wis.

6744—Irons (Sash Cord)

Allen & Son Co. ("Bulldog"), Hartford, Conn.

Conn. Cord Iron Corp., Norwich, Conn.

Jenks H. F. Co., Pawtucket, R. I.

195 Pearl, Hartford, Conn.

Morgan Spring Co., Worcester, Mass.

Peck, Stow & Wilcox Co., Southington, Conn.

Sargent & Co., New Haven, Conn.

S. & L. Co. ("Titan"), Springfield, Mass.

6745—Irons (Stake)

Badger Malleable & Mfg. Co., South Milwaukee, Wis.

Bell City Malleable Iron Co., Racine, Wis.

Hall Mfg. Co. ("Hall" for Drays, Wood Racks etc), Monticello, Ia.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

STANLEY WORKS, New Britain, Conn.

See adv index at end of book

Stowell Co. The (Malleable Steel), So Milwaukee, Wis.

6746—Irons (Stanchion)

Adams Co., Dubuque, Ia.

Cheney S. & Son, Manlius, N. Y.

James Mfg. Co., Ft. Atkinson, Wis.

Loetscher-Ryan Mfg. Co., Dubuque, Ia.

Swift Stanley C. Mfg. Co., Cuba, N. Y.

6747—Irons (Storm Stoop)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

6748—Irons (Timbale)

Wrightsville Hardware Co., Wrightsville, Pa.

6749—Irons (Tire)

See also Tools, Automobile

Mossberg Frank Co. (For Motorcycles), Attleboro, Mass.

6750—Irons (Top)

Amesbury Brass & Foundry Co. (Slats), Amesbury, Mass.

Anderson Forge & Machine Co., Detroit, Mich.

Ashtabula Bow Socket Co. (Goosenecks & Bow Rest Irons), Ashtabula, O.

Cortland Carriage Goods Co. (Shifting Rails), Cortland, N. Y.

Cortland Forging Co. ("Ajax" Shifting Rails), Cortland, N. Y.

Cowles C. & Co. ("New York" & "Phila." Slat Irons), New Haven, Conn.

Detroit Forging Co. (Shafting Rails), 120 Mt. Elliot av, Detroit, Mich.

General Drop Forge Co., Buffalo, N. Y.

Michigan Bolt & Nut Works, Detroit, Mich.

Newton W. H. & Son (Gooseneck Irons), Cortland, N. Y.

Rands Mfg. Co., Detroit, Mich.

Scherer H. & Co., Detroit, Mich.

Springfield Auto Top & Upholstering Co. (Slat Irons), Springfield, Mass.

Woodruff Walter W. & Sons Co. (Slat Irons), Mt. Carmel, Conn.

6751—Irons (Tuyere)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Barber Mfg. Co., Ashtabula, O.

Barcus Mfg. Co., Wabash, Ind.

Canedy-Otto Mfg. Co., Chicago Heights, Ill.

Champion Blower & Forge Co. ("Whirlwind," Blast Anti-Clinker), Lancaster, Pa.

Foot J. B. Foundry Co., Fredericktown, Ohio

Huntsville Foundry & Machine Co., Huntsville, Ala.

Illinois Iron & Bolt Co. ("Norton," "Warren," "Clark," "Duck Nest"), Carpentersville, Ill.

Roots P. H. & F. M. Co., Connersville, Ind.

South Bend Foundry Co., South Bend, Ind.

Southern Skein & Foundry Co., Chattanooga, Tenn.

Stanley Geo. W. Co., Belleville, Ill.

Sweet A. L. Iron Works, Medina, N. Y.

Towers & Sullivan Mfg. Co., Rome, Ga.

Wagner Mfg. Co., Sidney, O.

Wrightsville Hardware Co. ("L. S. I. Co."), Wrightsville, Pa.

6752—Irons (Waffle)

Andresen Hardware Co. ("Hart Shape"), 724 S 6th, Minneapolis, Minn.

Birmingham Stove & Range Co. (Roller, Cast Iron), Birmingham, Ala.

Crane Wm. M. Co. ("Vulcan Gas"), 16 W 32d, New York

Ely T. J. Mfg. Co. ("Dandy" for Gas Stoves), Erie, Pa.

Fanner Mfg. Co. (Wire or Wood Handle), Cleveland, O.

Griswold Mfg. Co. ("American"), Erie, Pa.

Indiana Hollow Ware Co. ("New Era," also Revolving), Jeffersonville, Ind.

New England Novelty Works, Hill, N. H.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Reading Hardware Co., Reading, Pa.

Stover Mfg. Co., Freeport, Ill.

Stuart & Peterson Co., Burlington, N. J.

Van John Range Co., 5th av & B'way, Cincinnati, O.

Wagner Mfg. Co., Sidney, O.

Wrightville Hardware Co., Wrightville, Pa.

6753—Irons (Wagon Dump)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

6754—Irons (Wagon Stake)

Noll Bros. (Pressed Steel), 849 Allis, Milwaukee, Wis.

6755—Irons (Wall)

Bethlehem Steel Co., So Bethlehem, Pa.

6756—Irons & Braces (Corner)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill. *See adv index at end of book*

American Shovel & Stamping Co., Lorain, O.

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

Aurora Door Hanger & Specialty Co., Aurora, Ill.

Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.

Brewer Bros. Co. (Wrought Extension), 614 Filbert, Phila., Pa.

Chicago Hardware Foundry Co. (Cast Iron), North Chicago, Ill.

Columbus Bolt Works Co., Columbus, O.

Hager C. & Sons Hinge Mfg. Co. (Wrought Steel & Bronze), St. Louis, Mo.

Hardware Supply Co., Grand Rapids, Mich.

McKinney Mfg. Co., Pittsburgh, Pa.

Merwin Mfg. Co. (Pressed Steel), Erie, Pa.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

National Mfg. Co. (Wrought Steel), Sterling, Ill.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Reading Hardware Co., Reading, Pa.

Richards-Wilcox Mfg. Co., Aurora, Ill.

Sargent & Co., New Haven, Conn.

STANLEY WORKS (Wrought Steel), New Britain, Conn.

See adv index at end of book

Stowell Co. The, So Milwaukee, Wis.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Wrought Washer Mfg. Co., Milwaukee, Wis.

6757—Irrigating Strainers

See Strainers, Irrigating

6758—Irrigating Strainers

American Glue Co. ("Cape Ann"), 121 Beverly, Boston, Mass.

Atlantic Isinglass Co., Boston, Mass.

Cape Ann Isinglass Co., 121 Beverly, Boston, Mass.

Gloucester Isinglass & Glue Co., Gloucester, Mass.

Haskins L. M. (For Brewers, etc.), 131 State, Boston, Mass.

Howe & French Isinglass Co. ("Ripley"), 89 State, Boston, Mass.

Reisig Chas. H., Imp, 269 Water, New York

Rockport Isinglass Co., Rockport, Mass.

6759—Ivory Black

Binney & Smith Co., 81 Fulton, New York

Coulston J. W. & Co. (Imp), 80 Maiden la, New York

Doggett, Stanley (Imp), 11 Cliff, New York

Osborn C. J. Co., 132 Nassau, New York

Scheel Wm. H. (Imported), 159 Maiden la, New York

Seaver & Co., 120 Milk, Boston, Mass.

Simon & Elting, 99 Nassau, New York

6760—Ivory Goods

Kapp A. Jos. Sons Ivory Co., 124 E 14th, New York

Tower Sylvester Co., Cambridge, Mass.

6761—Ivory Importers

Arnold Cheney & Co., 82 Beaver, New York

Childs Parr & Joseph (Imp), 60 Wall, New York

Kaldenberg Trading Co., 433 Broome, New York

Landsberger Hugo Co., 260 W B'way, New York

Miltenberg Emil, 563 B'way, New York

6761a— *Ivory Substitutes

du **PONT E. I. de NEMOURS & CO.** (The Arlington Works), ("Ivory Pyralin"), 725-27 Broadway, New York

6762— Jack-Stones

Grey Iron Casting Co., Mt. Joy, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

6763— Jack-Straps

Aschenbach Harness Co., Henry, N. Y.
Boyle John & Co., 112 Duane, New York
Buhrke, R. H. Co., 2414 N Sac av, Chicago, Ill.
Dicke Tool Co. ("Howe"), Downers Grove, Ill.
Klein Mathias & Sons ("Cable"), 562 W Van Buren, Chicago, Ill.
Meckel Fred L., 11 E 13th, Chicago, Ill.
SMITH & HEMENWAY CO., 76 Chambers, New York
See adv index at end of book

6764— Jackets (Furnace)

Columbiana Boiler Co., Columbiana, O.
Knox Pressed & Welded Steel Co., Pittsburgh, Pa.
Wiemer Machine Works Co., Lebanon, Pa.

6765— Jackets (Milk Can)

Oakes & Burger Co. (Felt), Cattaraugus, N. Y.

6766— Jackets (Smelting)

Traylor Engng. & Mfg. Co., Allentown, Pa.
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

6767—Jackets (Water, for Smelting Plants)

Dover Boiler Works, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Kennicott Co., Chicago Heights, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.

TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book

Jacks (Armature)

See Lifts, Motor, Car Pit

6768—*Jacks (Automatic Lowering)

DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

6769— Jacks (Automobile)

See also Jacks, Wagon; also Jacks, Various Kinds

Adell Mfg. Co. ("Adell"), Orange, Mass.
Ashland Mfg. Co., Ashland, O.
Auto Accessories Co. ("Norwood"), 816 W North av, Baltimore, Md.
Barth Mfg. Co., Milwaukee, Wis.

Batavia Clamp Co. ("Colt's"), Batavia, N. Y.

Buckeye Jack Mfg. Co. ("Buckeye" Automatic, etc), Alliance, O.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Covert Mfg. Co. ("Covert's"), Troy, N. Y.
DEWES A. CO., 199 Lafayette, New York
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

Elite Mfg. Co. ("Reliable"), Ashland, O.
Gemco Mfg. Co. ("Gemco," Tire Saving), Milwaukee, Wis.

Jiffy Jack Co., 1104 Prospect av, Cleveland, Ohio

Joyce-Cridland Co., Dayton, O.

Lane Bros. Co. ("Lane's" "H-C"), Poughkeepsie, N. Y.

Lovell-McConnell Mfg. Co. ("Raiswell"), 194 Wright, Newark, N. J.

Maxon-Miller Jack Co., Huntington, W. Va.

Morgan Mfg. Co. ("Morgan," on Wheels), Newport, R. I.

National-Standard Co. ("Standard," "Kazoo," "Leader"), Box 211, Niles, Mich.

Oliver Mfg. Co. ("E-Z," "Peerless," "New Samson"), 326 S Desplaines, Chicago, Ill.

Pratt Wm. E. Mfg. Co. ("Chicago"), 35 W Lake, Chicago, Ill.

Richards-Wilcox Mfg. Co. ("Union"), Aurora, Ill.

St. Charles Specialty Mfg. Co. ("Jensen"), St. Charles, Ill.

Shawver Co. ("Springfield," on Wheels), Springfield, O.

SPENCER'S I. S. SONS Inc., Guilford, Conn.

Templeton Kenly & Co., Ltd., 1020 S Central av, Chicago, Ill.

Weaver Mfg. Co. ("Weaver Auto-Twin," on Wheels), Springfield, Ill.

Williams A. C. Co., Ravenna, Ohio

6770— Jacks (Boot)

Root-Heath Mfg. Co. ("Bug"), Plymouth, Ohio

6771— Jacks (Bridge)

Buckeye Jack Mfg. Co., Alliance, O.
Dudgeon Richard (Hydraulic), 24 Columbia, New York

DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

Maxon-Miller Jack Co., Huntington, W. Va.

National-Standard Co. ("Standard"), Box 211, Niles, Mich.

Norton A. O., Inc., 286 Congress, Boston, Mass.

Templeton Kenly & Co., Ltd., 1020 S Central av, Chicago, Ill.

6772— Jacks (Cable Reel)

Anderson Forge & Machine Co., Detroit, Mich.

Buckeye Jack Mfg. Co. ("Buckeye"), Alliance, O.

DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

Hallett Iron Works ("Hallett"), Harvey, Ill.

Kelly L. J. Mfg. Co., Albany, N. Y.

Norris Electric Specialties Co. ("Mullin"), 38 Park Row, New York
Templeton Kenly & Co., Ltd, 1020 S Central av, Chicago, Ill.

6773— Jacks (Car)

Brill J. G. Co. ("Hercules"), 62d & Woodland av, Phila., Pa.

Buckeye Jack Mfg. Co., Alliance, O.

Buda Co., Railway Exch bldg, Chicago, Ill.

Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.

Deweese F. M. & Co. ("Mosher"), Chilli-cothe, O.

Dudgeon Richard (Hydraulic), 24 Columbia, New York

DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book

Joyce-Cridland Co., Dayton, Ohio

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Lovejoy Tool Works ("Car Inspection"), 319 W Ohio, Chicago, Ill.

Maxon-Miller Jack Co. (Improved Maxon-Miller Lever), Huntington, W. Va.

National-Standard Co. ("Standard" Triple & Automatic Lowering), Box 211, Niles, Mich.

Norton A. O., Inc., 286 Congress, Boston, Mass.

Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Templeton Kenly & Co. (Ltd.) ("Simplex"), 1020 S Central av, Chicago, Ill.

Jacks (Car Journal)

See Jacks, Car

Jacks (Car Pit)

See Lifts, Motor, Car Pit

Jacks (Car Replacing)

See Jacks, Car

Jacks (Carriage)

See Jacks, Wagon

6774—Jacks (Engine Centering)

McMaster-Carr Supply Co. ("Chicago," for Turning Engine off Centre), 174 N Market, Chicago, Ill.

6775— Jacks (Gas Pumping)

Massey Packer & Machine Works, Butler, Pa.

Meyers F. E. & Bro, 800 Orange, Ashland, O. *See adv index at end of book*

Jacks (Geared)

See Jacks, Ratchet

6776— Jacks (Hatters')

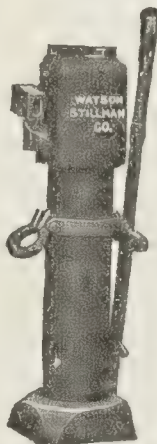
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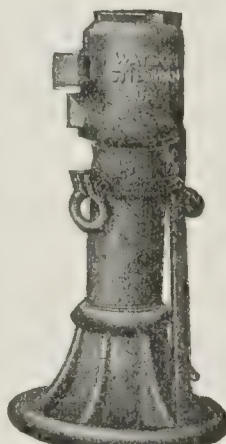
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6777— Jacks (House-Raising)

American Skeln & Foundry Co. ("A. S. & F. Co." Press Screws), Racine, Wis.
Canton Foundry & Machine Co., Canton, O.

DUFF MFG. CO., N S, Pittsburgh, Pa.

See adv index at end of book

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Illinois Iron & Bolt Co. (Press Screws for House Raising), Carpentersville, Ill.

Joyce-Cridland Co., Dayton, O.

Maxon-Miller Jack Co. (Improved "Maxon Miller" Lever), Huntington, W. Va.

Norton A. O., Inc., 286 Congress, Boston, Mass.

Rock Island Mfg. Co., Rock Island, Ill.
Springfield Foundry Co., Springfield, Mass.
Swett A. L. Iron Works, Medina, N. Y.

6778— Jacks (Hydraulic)

Anderson Forge & Machine Co., Detroit, Mich.

Bethlehem Steel Co., South Bethlehem, Pa.
Dienelt & Eisenhardt ("Reliance"), 1308 N Howard, Phila., Pa.

Dudgeon Richard ("Universal"), 24 Columbia, New York

DUFF MFG. CO. ("Duff-Bethlehem"), N S, Pittsburgh, Pa.

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ELMES CHAS. F. ENGINEERING WORKS, INC., c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Henderer's A. L. Sons, Maryland av & Beach, Wilmington, Del.

Irving Mfg. & Tool Co. ("Tangye's," Imported, etc.), 157 Chambers, New York

Joyce-Cridland Co., Dayton, O.

Justice Philip S. & Co. ("Reliance"), 421 Chestnut, Phila., Pa.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Union Iron Works, Hoboken, N. J.

Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

6779— Jacks (Ladder)

Bettcher Mfg. Co. (Painters), 6120 Clark av, S W, Cleveland, O.

Krewson T. C., 801 Master, Phila., Pa.

Richards-Wilcox Mfg. Co. ("Economy" Jack & Scaffold Support), Aurora, Ill.

Steel Scaffolding Co., Evansville, Ind.

Jacks (Lifting)

See Jacks, Track, Lifting, etc

Jacks (Locomotive)

See Jacks, Screw, Locomotive, Bell Base, etc.

6780— Jacks (Oil Well)

Dudgeon Richard (Hydraulic), 24 Columbia, New York

DUFF MFG. CO., N S, Pittsburgh, Pa.

See adv index at end of book

Jones S. M. Co., Toledo, O.

Norton A. O. Inc., 286 Congress, Boston, Mass.

6781—Jacks (Oil Well Casing)

Masseth Packer & Machine Works, Butler, Pa.

6782— Jacks (Pipe Forcing)

DUFF MFG. CO., N S, Pittsburgh, Pa.

See adv index at end of book

6783— *Jacks (Pit)

WATSON-STILLMAN CO. (Hydraulic), 38 Church, New York

See adv index at end of book

6784—Jacks (Planer & Lathe)

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.

6785— Jacks (Pneumatic Pit)

See Lifts, Motor, Car Pit

6786— Jacks (Pulling)

Channon Jas. H. Mfg. Co. (Ratchet), 227 W Erie, Chicago, Ill.

DUFF MFG. CO., N S, Pittsburgh, Pa.

See adv index at end of book

Joyce-Cridland Co., Dayton, O.

Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

Templeton Kenly & Co. Ltd. (Pole), 1020 S Central av, Chicago, Ill.

6787— Jacks (Pumping)

See Also Well Drilling Machines

American Well Works (Geared), Aurora, Ill. *See adv index at end of book*

Appleton Mfg. Co., Batavia, Ill.

Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.

Baker Mfg. Co., Evansville, Wis.

Brownwall Engine & Pulley Co. ("Par-ker"), Lansing, Mich.

Brunner Foundry & Mfg. Co., Peru, Ill.
Butler Co., Butler, Ind.

Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.

Challenge Co. ("Challenge," "Dandy"), Batavia, Ill.

Chamberlain Machine Works ("Chamberlain"), Waterloo, Ia.

Charter Gas Engine Co. ("Sterling"), Sterling, Ill.

Clark & Norton Mfg. Co., Wellsville, N. Y.

Crestline Mfg. Co., Crestline, O.

Cushman Motor Works, Lincoln, Neb.

Dakota Plow & Wagon Co., Sioux Falls, S. D.

Davis-Hansen Co., Oshkosh, Wis.

Dempster Mill Mfg. Co. ("Dempster"), Beatrice, Neb.

Douglas W. & B., Middletown, Conn.

Duplex Mfg. Co. ("Duplex"), Superior, Wis.

Fairbanks, Morse & Co. ("Fairbanks Morse," "Handy," "Eclipse"), 900 S Wabash av, Chicago, Ill.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Freeman Mfg. Co., Racine, Wis.

Gehl Bros. Mfg. Co., West Bend, Wis.

Gilson Mfg. Co., Port Washington, Wis.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Halsh Jacob Co. ("Chanticleer"), De Kalb, Ill.

Hayes Pump & Planter Co., Galva, Ill.

Humphreys Mfg. Co., Mansfield, O.

INTERNATIONAL HARVESTER COMPANY OF AMERICA, INC., 702 Harvester bldg, Chicago.

See adv index at end of book

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

Kansas City Engine Works ("Elliott"), Kansas City, Mo.

Lennox Machine Co., 2558 W 16th, Chicago, Ill.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

Marseilles Co., East Moline, Ill.

Mast, Foos & Co. ("Buckeye"), Springfield, O.

Moore Plow & Implement Co., Greenville, Mich.

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

New Way Motor Co., Lansing, Mich.

New Winona Mfg. Co., Winona, Minn.

Ottumwa-Moline Engine & Pump Co. ("Eli," "Moline"), Ottumwa, Ia.

Perkins Wind Mill Co., Mishawaka, Ind.

Peters Pump Co., Kewanee, Ill.

Plattner Implement Co., Denver, Colo.

Red Jacket Mfg. Co., Davenport, Ia.

Reeves Pulley Co., Columbus, Ind.

San Antonio Machine & Supply Co., San Antonio, Texas

Schmidt B. L. Co. ("Schmidt"), Davenport, Ia.

Spang & Co., Butler, Pa.

Sparta Iron Works Co. (Geared), Sparta, Wis.

Steiner M. & Co., Dayton, O.

Stickney Chas. A. Co. ("Worm Gear"), Fillmore & Starkey, St. Paul, Minn.

Stover Mfg. Co. ("Ideal"), Freeport, Ill.

Thompson J. Plow Works, Beloit, Wis.

Traher Pump Co. ("Traher"), Rockford, Ill.

Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.

U. S. Wind Engine & Pump Co., Batavia, Ill.

Waterloo Gasoline Engine Co., Waterloo, Iowa

6788— Jacks (Punch)

Yost G. M. Mfg. Co. (All Cast Steel), Meadville, Pa.

6789— Jacks (Pushing)

Pearson Jack Co. ("Pearson"), 185 Franklin, Boston, Mass.

Jacks (Railroad)

See Jacks, Car; also Jacks, Track

6790— Jacks (Ratchet)

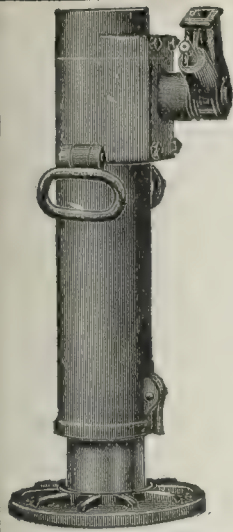
American Skein & Foundry Co. (Bell Base & Tripod Ratchet Jack Screws), Racine, Wis.

Buckeye Jack Mfg. Co., Alliance, O.

Buda Co., Railway Exchange bldg., Chicago, Ill.

DUFF MANUFACTURING CO., N S, Pittsburgh, Pa.

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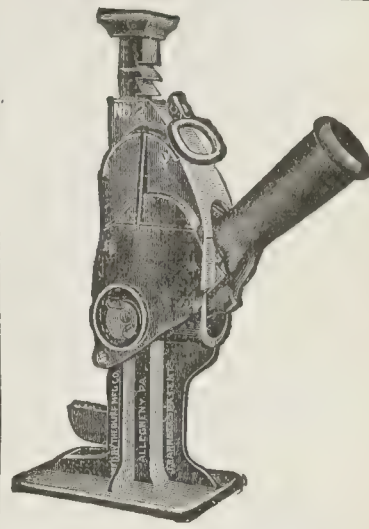
Genuine BARRETT Jacks

You will find us listed herein as makers of practically every type of **Lifting Jack** in existence. We are the sole makers of the genuine "Barrett" jacks for all purposes, as well as the Duff Ball Bearing Screw Jacks and the Duff-Bethlehem Forged Steel Hydraulic Jacks. The Duff factory is the largest in existence devoted **exclusively** to the building of jacks. Our products have stood pre-eminent for 30 years, being early adopted as **the Standard** by the railroads and industrial world.

THE DUFF MFG. CO. Pittsburgh, Pa., U. S. A.

New York Office: 50 Church Street

Chicago Office: Peoples Gas Bldg.



Illinois Iron & Bolt Co. (Ratchet Jack Screws), Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
Justice Philip S. & Co. (Ball Bearing Screw), 421 Chestnut, Philadelphia, Pa.
Kalamazoo Railway Supply Co. (Also Friction), Kalamazoo, Mich.
Lovejoy Tool Works (Cone-Bearing for Car Inspectors), 319 W Ohio, Chicago, Ill.
Munnsville Plow Co. (Ratchet Jack Screws), Munnsville, N. Y.
National-Standard Co. ("Standard"), Box 211, Niles, Mich.
Norton A. O. Inc. (Ball Bearing Screw), 286 Congress, Boston, Mass.
Pearson Jack Co. ("Pearson" Ratchet Journal), 185 Franklin, Boston, Mass.
Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.
Rock Island Manufacturing Co., Rock Island, Ill.
Templeton Kenly & Co. (Ltd.), 1020 S Central av, Chicago, Ill.

Jacks (Reel)

See Jacks, Cable Reel

6791— Jacks (Robie)

Richle Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa.

6792—Jacks (Screw, Locomotive, Bell Base, Etc.)

ALLIS-CHALMERS MANUFACTURING CO., Milwaukee, Wis.

For branch offices see adv index at end of book
American Skein & Foundry Co. ("A. S. & F. Co." Locomotive Jack Screws), Racine, Wis.

Brill J. G. Co., 62d & Woodland av, Philadelphia, Pa.

Buckeye Jack Mfg. Co., Alliance, O.

Buda Co., Railway Exchange bldg., Chicago, Ill.

Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.

Deweese F. M. & Co. ("Mosher"), Chilli-cothe, O.

DUFF MFG. CO. (Ball Bearing), N S, Pittsburgh, Pa.

See adv index at end of book
Dudgeon Richard (Hydraulic), 24 Columbia, New York

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Illinois Iron & Bolt Co. ("I. I. & B. Co.") Tee Top, Car Box, Bell Base Ratchet, Tripod Ratchet, Ratchet Carrying, Truck & Wagon, Pulling, Telescopic, etc), Carpentersville, Ill.

Irving Mfg. & Tool Co., 157 Chambers, New York

Joyce-Cridland Co. (Geared), Dayton, O.

Justice Philip S. & Co. (Ball Bearing), 421 Chestnut, Phila., Pa.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Lovejoy Tool Works ("Ball's Telescopic & Cone-Bearing Ratchet Screw"), 319 W Ohio, Chicago, Ill.

McKiernan-Terry Drill Co. ("Atlas" Ball Bearing), 233 B'way, New York

McKinnon Iron Works Co. (Nick-I-Works Co.), Ashtabula, O.

McMaster-Carr Supply Co. ("Chicago," Engine Jack), 174 N Market, Chicago, Ill.

Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.

Millers Falls Co., 28 Warren, New York

Morden Frog & Crossing Works ("Union"), 208 S La Salle, Chicago, Ill.

Munnsville Plow Co. (Ratchet Jack Screws), Munnsville, N. Y.

New London Vise Works ("Peerless" Bell Bottom), New London, Conn.

Norton A. O. Inc. (Ball Bearing Ratchet, Screw & Locomotive), 280 Congress, Boston, Mass.

Oliver Mfg. Co. ("E-Z"), 326 S Desplaines, Chicago, Ill.

Pearson Jack Co. ("Pearson" Screw Jacks), 185 Franklin, Boston, Mass.

Peck, Stow & Wilcox Co., Southington, Conn.

Rock Island Mfg. Co., Rock Island, Ill.

WATSON-STILLMAN CO., 38 Church, New York

See adv index at end of book
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

6793—Jacks (Stone, Log, Etc.)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Brunner & Lay (Stone), 570 W Polk, Chicago, Ill.

Buckeye Jack Mfg. Co., Alliance, O.

Burnett Fdry. & Machine Works, Ltd., Petoskey, Mich.

Channon Jas. H. Mfg. Co. ("Union"), 227 W Erie, Chicago, Ill.

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

DUFF MFG. CO., N S, Pittsburgh, Pa.

See adv index at end of book
Fair Haven Foundry & Machine Co., Inc., Fair Haven, Vt.

Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Irving Mfg. & Tool Co., 157 Chambers, New York

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book
Joyce-Cridland Co., Dayton, O.

Kelly L. J. Mfg. Co. ("Kelly's Albany"), Albany, N. Y.

Klemm E. R., 1453 Austin av, Chicago, Ill.

Lane Mfg. Co. (Log), Montpelier, Vt.

Lincoln Iron Works (Geared Lifting), Rutland, Vt.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

See adv index at end of book
Maxon-Miller Jack Co. ("Maxon" Lever), Huntington, W. Va.

Moltz Jacob J., Williamsport, Pa.

Murray D. J. Mfg. Co. (Iron Frame, etc), Wausau, Wis.

O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.

Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.

Phoenix Mfg. Co., Eau Claire, Wis.

Southern Engine & Boiler Works, Jackson, Tenn.

6794—Jacks (Tie Spacing & Straightening)

Belle City Malleable Iron Co. ("Murray" Malleable Iron), Racine, Wis.

6795—Jacks (Track, Lifting, Etc.)

American Skein & Foundry Co. (Locomotive, Car Box & Ratchet Jack Screws), Racine, Wis.

Barth Mfg. Co. ("Barth"), 350 Milwaukee, Milwaukee, Wis.

Big Four Mfg. Co., Bloomfield, Ind.

Buckeye Jack Mfg. Co. ("Buckeye"), Alliance, O.

Buda Co., Railway Exch. bldg, Chicago, Ill.

Burrows Walter R. ("Burrows" Ball Bearing), 80 Maiden la, New York

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Chapman Jack Co. ("Chapman"), 45th & Lakeside av, Cleveland, O.

Crerar, Adams & Co. ("Jenne"), 259 E Erie, Chicago, Ill.

Deweese F. M. & Co. ("Mosher"), Chilli-cothe, O.

Dewes A. Co., 199 Lafayette, New York

Dudgeon Richard (Hydraulic), 24 Columbia, New York

DUFF MFG. CO. ("Barrett"), N S, Pittsburgh, Pa.

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Fair Haven Foundry & Machine Co., Inc. (Geared), Fair Haven, Vt.

Foltz Mfg. & Supply Co., Hagerstown, Md.

Hagerstown Foundry Co., Hagerstown, Md.

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Henderer's A. L. Sons, Maryland av & Beach, Wilmington, Del.

Hess-Snyder Co., Massillon, O.

Hine-Watt Mfg. Co. ("Columbia"), 180 N Market, Chicago, Ill.

Hodgkins J. F. Co., Gardiner, Me.

Illinois Iron & Bolt Co., Carpentersville, Ill.

Irving Mfg. & Tool Co., 157 Chambers, New York

Joyce-Cridland Co. ("Jenne" Pattern), Dayton, Ohio

Justice Philip S. & Co. (Sure Drop), 421 Chestnut, Phila., Pa.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Kelly L. J. Mfg. Co. ("Albany"), Albany, N. Y.

Klemm E. R., 1453 Austin av, Chicago, Ill.

Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.

Morden Frog & Crossing Works ("Union"), 208 S La Salle, Chicago, Ill.

National-Standard Co. ("Standard," Trip & Automatic Lowering), Box 211, Niles, Mich.

New London Vise Works, New London, Conn.

Norton A. O. Inc. ("Sure Drop," Ball Bearing), 200 Congress, Boston, Mass.
 Oliver Mfg. Co. ("Peerless," "Samson," "Oliver," "Weiler" & "Klemm," "E Z"), 326 S Desplaines, Chicago, Ill.
 Pratt Wm. E. Mfg. Co. ("Acme"), 35 W Lake, Chicago, Ill.
 Rock Island Mfg. Co., Rock Island, Ill.
 Star Jack Co., Bloomfield, Ind.
 Swett A. L. Iron Works, Medina, N. Y.
 Templeton, Kenly & Co. (Ltd.) ("Simplex"), 1020 S Central av, Chicago, Ill.
 Union Jack Co., Bloomfield, Ind.
 Verona Tool Works, Oliver bldg, Pittsburgh, Pa.
 Victor Mfg. Co., Bloomfield, Ind.
 Weaver Mfg. Co. ("Twin"), Springfield, Ill.

6796—Jacks (Traversing or Traveling)

Dudgeon Richard (Hydraulic), 24 Columbia, New York
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
 Joyce-Cridland Co., Dayton, O.
 Norton A. O. Inc., 286 Congress, Boston, Mass.

6797—Jacks (Universal)

DUFF MFG. CO., N S, Pittsburgh, Pa.
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6798—Jacks (Wagon)

See also Jacks, Automobile

American Skein & Foundry Co. ("A. S. & F. Co." Jack Screws), Racine, Wis.
 Ames Plow Co., Quincy Hall, Boston, Mass.
 Barth Mfg. Co. ("Barth"), Milwaukee, Wis.
 Batavia Clamp Co. ("Colt's"), Batavia, N. Y.
 Buch's A. Sons Co., Elizabethtown, Pa.
 Buffum Tool Co. ("Reliable"), South Side, Louisiana, Mo.
 Chicago Steel Foundry Co., 3701 S Kedzie av, Chicago, Ill.
 Covert Mfg. Co. ("Covert's"), Troy, N. Y.
 Covert Saddlery Works ("Victor," "Daisy"), Interlaken, N. Y.
 Cutaway Harrow Co., Higganum, Conn.
 Deweese F. M. & Co. ("Mosher"), Chillicothe, O.
 Elite Mfg. Co. ("Reliable"), Ashland, O.
 Eureka Mower Co. (Steel & Malleable Iron), 16 Hickory, Utica, N. Y.
 Fernald Mfg. Co. ("Victor"), North East, Pa.
 Hughes & Smythe, Galena, O.
 Illinois Iron & Bolt Co. (Jack Screws), Carpentersville, Ill.
 Joy Samuel S. ("New Idea"), Rockingham, N. H.
 Kelly L. J. Mfg. Co. ("Samson"), Albany, N. Y.
 Klemm E. R., 1453 Austin av, Chicago, Ill.
 Lane Bros. Co. ("H-C" Steel), Poughkeepsie, N. Y.
 Lansing Co. ("Miller," "Baltimore"), Lansing, Mich.
 Lyon Iron Works, Greene, N. Y.
 Maxon-Miller Jack Co., Huntington, W. Va.
 Metropolis Bending Co., Metropolis, Ill.
 Millers Falls Co. ("Power's"), 28 Warren, New York
 Moulton C. W. H. Co., Somerville, Mass.
 National Jack & Mfg. Co., 130 S Clinton, Chicago, Ill.
 National Tubular Axle Co., Emigsville, Pa.
 Oliver Mfg. Co. ("Peerless," "Samson," "Oliver" Practical), 326 S Desplaines, Chicago, Ill.
 Peppler Thomas Son & Co., Hightstown, N. J.
 Pioneer Pole & Shaft Co. ("Winter"), Piqua, Ohio
 Porter J. E. Co. ("Porter's" Never-Slip), Ottawa, Ill.
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.
 Reno Mfg. Co. ("Frey's"), Erie, Pa.
 R. I. Malleable Iron Works, Hills Grove, R. I.
 Richards-Wilcox Mfg. Co. ("Tiger," "Wilcox" & "Richards" Handy), Aurora, Ill.
 Steel Scaffolding Co. (Wagon & Carriage Wheel), Evansville, Ind.

Swett A. L. Iron Works, Medina, N. Y.
 Templeton Kenly & Co. (Ltd.), 1020 S Central av, Chicago, Ill.
 Torrey Bros. Co. ("Eclipse," "Champion"), Central Village, Conn.
 Whitehurst R. W. Mfg. Corp. ("Boss"), Norfolk, Va.
 Woodruff W. W. & Sons Co., Mt. Carmel, Conn.
 Young Bros. Co., Worcester, Mass.

6799—*Jacks (Wrecking)

DUFF MFG. CO., N S, Pittsburgh, Pa.
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6800—Jail & Cell Work (Steel)

Alloy Steel Forging Co., Carnegie, Pa.
 Barnum E. T. Wire & Iron Works (Steel Cells), 864 Woodward, Detroit, Mich.
 Belmont Iron Wks., 22d & Wash. av, Phila., Pa.
 Camden Iron Works, Salem, Va.
 Capital Iron Works Co., Topeka, Kans.
 Champion Iron Co., Kenton, O.
 Covington Arch'l Iron Works, Covington, Ky.
 Crown Iron Works Co., 1229 Tyler, Minneapolis, Minn.
 Diebold Safe & Lock Co. (Steel Cells Only), Canton, O.
 Dyer Bros. Golden West Iron Works, 17th & Kansas, San Francisco, Cal.
 East Iron & Machine Co., 351 E Market, Lima, O.
 Harrigan Safe Co. (Small), Kansas City, Mo.
 Hassell Iron Works Co., Colorado Springs, Colo.
 Hastings Fdry. & Iron Works, Hastings, Neb.
 Herring-Hall-Marvin Safe Co., Hamilton, Ohio
 Lane Thos. Co., Farmers Bank bldg, Pittsburgh, Pa.
 Loewer John E. Structural Steel Wire & Iron Works, Kansas City, Mo.
 Mack Iron & Wire Works Co., Sandusky, O.
 Manly Jail Works, Dalton, Ga.
 Meier-Wiese Co. (Steel), Ft. Wayne, Ind.
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.
 Meyers Fred J. Mfg. Co., Hamilton, O.
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 National Iron & Wire Co., Cleveland, O.
 Omaha Safe & Iron Works, Omaha, Neb.
 Pauly Jail Building Co., 2215 De Kalb, St. Louis, Mo.
 Phoenix Iron Works, E 3d & Hawthorne, Portland, Ore.
 Remppis Wm. F. Co., 226 Spruce, Reading, Pa.
 Richmond Structural Steel Co., 17th & Dock, Richmond, Va.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Smith Fence & Iron Co., Waynesboro, Pa.
 Snead Arch'l Iron Works, Louisville, Ky.
 Southern Structural Steel Co., San Antonio, Tex.
 Southwest Wire & Iron Works Co., Kansas City, Mo.
 Standard Iron & Wire Works, Chattanooga, Tenn.
 Stewart Iron Works Co., Covington, Ky.
 Van Dorn Iron Works Co. (Burglar-Proof, Prison Cells, etc), 2700 E 79th, Cleveland, O.
 Verdeckberg Iron & Wire Works Co., 1401 Market, Denver, Colo.
 Western Iron Works, 141 Beale, San Francisco, Cal.
 Whitehead & Kales Iron Works, Detroit, Mich.

6801—Janitors' Supplies

Barnett & Brown (Jobbers), 162 Pearl, New York
 Bix Janitor Supply Co., 1119 Pine, St. Louis, Mo.
 Central Supply Co., 28 S William, New York
 Dille Wm., 22 N 5th av, Chicago, Ill.
 Holcomb J. I. Mfg. Co., 1543 Van Buren, Indianapolis, Ind.
 Johnson V. E., Tacoma, Wash.
 Lewis Samuel, 73 Barclay, New York
 Wilson Ludwig Brush & Supply Co., 455 S Clark, Chicago, Ill.

6802—Japanned Ware Mfrs.

Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
 Federal Enameling & Stamping Co., McKees Rocks, Pa.
 Schlueter Mfg. Co. ("DeLuxe"), St. Louis, Mo.
 Stratton & Terstegge Co., 15th & Main, Louisville, Ky.

6803—Japanned Wood

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

6804—*Japans

See also Varnish Manufacturers
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
THOMSON WOOD FINISHING CO., 827 N 3d, Phila., Pa.
See adv index at end of book

6805—Jardiniers

Benedict Mfg. Co., East Syracuse, N. Y.
 Crescent Brass Mfg. Co., Cleveland, O.
 Farber S W (Brass & Copper), 147 S 5th, Brooklyn, N. Y.
 Friedman Joseph, 133 5th av, New York
 Ray Geo. A. Mfg. Co. (Old Brass Finish, etc), Buffalo, N. Y.
 Virden Mfg. Co., Ashland rd & Longfellow, Cleveland, O.

6806—Jars (Acid)

See also Acid Vessels

Maddock John & Sons (White Vitreous or Porous Earthenware), Trenton, N. J.
 Robinson Clay Product Co., Akron, O.
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.

6807—Jars (Battery, Glass)

Brookfield Glass Co., 2 Rector, New York
 Cambridge Glass Co., Cambridge, O.
 Canton Glass Co., Marion, Ind.
 Corning Glass Works ("Nonex"), Corning, N. Y.
 Cumberland Glass Mfg. Co., Bridgeton, N. J.
 Gayner Glass Works, Salem, N. J.
 Gillinder & Sons, State & Devereaux, Philadelphia, Pa.
 Hemingray Glass Co., Covington, Ky.
 Illinois Glass Co., Alton, Ill.
RODEFER GLASS CO. THE, Bellaire, O.
See adv index at end of book
 Salem Glass Works, Salem, N. J.
 United States Glass Co., S 9th & Bingham, Pittsburgh, Pa.
 Whitall, Tatum Co., 410 Race, Phila., Pa.
 Whitney Glass Works, Bullitt bldg, Phila., Pa.

6808—Jars (Battery, Rubber)

American Hard Rubber Co., 9 Mercer, New York
 Consumers' Rubber Co. ("Euclid"), Cleveland, O.
 Goodrich B. F. Co., Akron, O.
 Luzerne Rubber Co., Trenton, N. J.
 Stokes Jos. Rubber Co., Trenton, N. J.
 Vulcanized Rubber Co., 251 4th av, New York

6809—Jars (Battery, Vitrified)

Maddock John & Sons (Glazed or Unglazed), Trenton, N. J.

6810—Jars (Fruit)

Anacortes Glass Co., Anacortes, Wash.
 Ball Bros. Glass Mfg. Co. ("Ball Perfect Mason," "Ball Ideal," "Ball Improved," "Ideal," "Mason," "Sure Seal"), Muncie, Ind., & Wichita Falls, Texas.
 Co-Operative Flint Glass Co., Beaver Falls, Pa.
 Federal Glass Co. (Mason & Lightning), Columbus, O.
 Flaccus C. L. Glass Co., Empire bldg, Pittsburgh, Pa.
 Gayner Glass Works, Salem, N. J.
 Greenfield Fruit Jar & Bottle Co., Muncie, Ind.
 Hawley Glass Co., Hawley, Pa.
 Hazel Atlas Glass Co. ("E-Z Seal," "Mason & other makes), Wheeling, W. Va.

Hemingray Glass Co., Covington, Ky.
 Illinois Glass Co., Alton, Ill.
 Illinois Pacific Glass Co., 15th & Folsom,
 San Francisco, Cal.
 Imperial Glass Co., Charleroi, Pa.
 Jenkins D. C. Glass Co. (Glass), Kokomo,
 Ind.
 Kearns-Gorsuch Bottle Co., Zanesville, O.
 Kerr Glass Mfg. Co., Portland, Ore.
 Mason Jar Glass Cap Co., Anderson, Ind.
 Michigan Glass Co., Saginaw, Mich.
 Parker Bros. Glass Mfg. Co., Bridgeton,
 N. J.
 Penna. Glass Co. (Flint), Anderson, Ind.
 Root Glass Co., Terre Haute, Ind.
 Salem Glass Works, Salem, N. J.
 Schram Glass Mfg. Co., Hillsboro, Ill.
 Victor Jar Co., 321 Monroe av., Detroit,
 Mich.
 Whitall-Tatum Co., 410 Race, Phila., Pa.
 Whitney Glass Works, Glassboro, N. J.
 Williamstown Glass Co., Williamstown,
 N. J.

6811— Jars (Glass)

Federal Glass Co., Columbus, O.
 Illinois Glass Co. (Cigar, Cold Cream,
 Ointment, Butter, Preserve, etc.), Al-
 ton, Ill.
 Imperial Glass Co., Bellaire, O.
 Jenkins D. C. Glass Co., Kokomo, Ind.
 McKee Glass Co. (Candy), Jeannette, Pa.
 Sneath Glass Co. (Spice, etc.), Hartford,
 City, Ind.

Jars (Kitchen Cabinet)

See Jars, Glass

6812— Jars (Milk)

Binghamton Glass Co., Binghamton, N. Y.
 Chattanooga Bottle & Glass Mfg. Co.,
 Chattanooga, Tenn.
 Essex Glass Co., Mount Vernon, O.
 Fairmont Bottle Co., Fairmont, W. Va.
 Fairmont Glass Works, Keystone & Belt,
 Indianapolis, Ind.
 Fidelity Glass Co., Tartentum, Pa.
 Flaccus C. L. Glass Co., Tartentum, Pa.
 Greensburg Glass Co., Greensburg, Pa.
 Hamilton J. T. & A., 26th & A. V. R. R.,
 Pittsburgh, Pa.
 Illinois Glass Co., Alton, Ill.
 Illinois Pacific Glass Co., 15th & Folsom,
 San Francisco, Cal.
 Imperial Glass Co., Charleroi, Pa.
 Jeannette Glass Co., Jeannette, Pa.
 Jenkins D. C. Glass Co., Kokomo, Ind.
 Lockport Glass Co., Lockport, N. Y.
 Maring Hart & Co., Dunkirk, Ind.
 Marion Flint Glass Co., Marion, Ind.
 Obear-Nester Glass Co., St. Louis, Mo.
 Thatcher Mfg. Co., Elmira, N. Y.
 Whitney Glass Wks., Glassboro, N. J.
 Williamstown Glass Co., Williamstown,
 N. J.
 Winslow Glass Co., Columbus, O.

6813— Jars (Paste)

Smith L. E. Glass Co., Mt. Pleasant, Pa.

6814—Jets & Nozzles (Acid Proof)

Duriron Castings Co. ("Duriron"), 90
 West, New York

6815—Jewels (Scientific Instrument)

American Oil & Supply Co., 52 Lafayette,,
 Newark, N. J.
 Bache, Semon & Co. (Imp. Sapphires,
 Agates, Glass, etc.), 636 Greenwich,
 New York
 Deknatel J. A. & Son (Glass), 8 Heyward,
 Brooklyn, New York
 Diamond Cupped Bearing Co., B'way &
 Manhattan, New York
 Eastern Specialty Co. (Diamond & Sap-
 phire), 3409 N 13th, Phila., Pa.
 Mildrum W. W. Jewel Co., East Berlin,
 Conn.
 Newark Jewel Co., Newark, N. J.
 Wennstroms John Sons Co. (Sapphire,
 Agate, etc.), Suffern, N. Y.
 Worley John, Waltham, Mass.

6816—Jig Mills (Ship Yard)

McKINNON BOILER & MACHINE CO.,
 218 N Water, Bay City, Mich.
 See adv index at end of book

6817— Jiggers

Ivens Wm. H. Sons Co. (For Round &
 Oval Work), P. O. Box 647, Trenton,
 N. J.

6818— Jigs (Coal & Ore)

Allis-Chalmers Mfg. Co. (Ore), Milwaukee,
 Wis. See adv index at end of book
 Cory & Co., Oliver bldg., Pittsburgh, Pa.
 Denver Engineering Works ("Richards"
 Pulsator), Denver, Colo.
 Dillon-Box Iron Works Co., Denver, Colo.
JEFFREY MFG. CO., 961 N Fourth, Co-
 lumbus, O. See adv index at end of book
LINK-BELT CO., 39th & Stewart av., Chi-
 cago, Ill. & Hunting Park av., & P. &
 R. Ry, Phila., Pa.
 See adv index at end of book
 McFarlane Mfg. Co., 3309 Blake, Denver,
 Colo.
 McLanahan-Stone Machine Co. ("McLan-
 ahan"), Holidaysburg, Pa.
 Mauch Chunk Iron Works, Mauch Chunk,
 Pa.
 Mt. Carmel Iron Works ("B. & K."), Mt.
 Carmel, Pa.
 Pittsburgh Coal Washer Co., Fulton bldg.,
 Pittsburgh, Pa.
 Tamaqua Mfg. Co. ("Christ" Patent),
 Tamaqua, Pa.
 Wilnot Engineering Co. ("Simplex"),
 Hazleton, Pa.

6819—Jigs (For Concentrating Mills)

ALLIS-CHALMERS MFG. CO. ("Han-
 cock"), Milwaukee, Wis.
 See adv index at end of book
 Denver Engineering Works Co., Denver,
 Colo.
 Dillon-Box Iron Works Co., Denver, Colo.
 Hallidie Co., Spokane, Wash.
KENNEDY-VAN SAUN MFG. & ENG.
CORP., 120 Broadway, New York
 See adv index at end of book
 Pittsburgh Coal Washer Co., Fulton bldg.,
 Pittsburgh, Pa.
 Portage Lake Foundry & Machine Co.,
 Hancock, Mich.
 Worthington Pump & Machy. Corp. ("Col-
 ton-Hartz," "Woodbury"), 115 B'way,
 New York

6820— Jigs (Key Filing)

Harrison & Co., 81 New, New York.

6821—Jigs & Fixtures (Drilling & Milling)

Albany Machine & Tool Co., Albany, N. Y.
 Busch J. C. Co., 140 Ferry, Milwaukee,
 Wis.
 Cannon T. J. & Sons Machine Co., Lynn,
 Mass.
 Carroll Engineering Co., Dayton, O.
 Cleveland National Machine Co., 1354 W
 70th, Cleveland, O.
 Columbia Metal Stamping Co., Cleveland,
 Ohio
 Columbus Die, Tool & Machine Co., 955
 Cleveland av., Columbus, O.
 Detroit Tool Co., Detroit, Mich.
 Eclipse Machine & Tool Co., 7 Sherman,
 Charlestown, Mass.
 Enterprise Tool Co., E 72d, Cleveland, O.
 Excel Mfg. Co., 7 Sherman, Charlestown,
 Mass.
 Fenn Mfg. Co., 385 Broad, Hartford, Conn.
 Gisholt Machine Co., Madison, Wis.
 Goddard Tool Co., 351 W Chicago av, Chi-
 cago, Ill.
 Gooley & Edlund, Cortland, N. Y.
 Hall Wm. Co., Wollaston, Mass.
 Hanson Tool & Die Co., Detroit, Mich.
 Harris H. E. Engineering Co., 1041 Broad,
 Bridgeport, Conn.
 Hartford Special Machinery Co., Hart-
 ford, Conn.
 Hoffercker Co., 222 Eliot, Boston, Mass.
 Inland Machine Works, 800 Mound, St.
 Louis, Mo.
 Lansing Stamping & Tool Co., Lansing,
 Mich.
 Lindstrom Die, Tool & Gauge Wks. (Inc.).
 (& Gauges), Bridgeport, Conn.
 Loshbough-Jordan Tool & Machine Co.,
 Elkhart, Ind.
 McCulloch A. P. Machine Co., 216 High,
 Boston, Mass.
 See adv index at end of book
 Mailometer Co., 1093 Jefferson av., E, De-
 troit, Mich.
 Moback Tool & Machine Mfg. Co., Cam-
 bridge, Mass.
 Model Tool & Gauge Co., Bridgeport, Conn.
MODERN TOOL DIE & MACHINE CO.,
 216-220 N Fourth, Columbus, O.
 See adv index at end of book

National Engineering & Tools Works, Oak
 Park, Ill.
 Nelson Blower & Furnace Co., L & Elkins,
 Boston, Mass.
 Nestor Mfg. Co., Inc., 40 W 13th, New
 York

JIGS, FIXTURES and GAUGES

OUR SPECIALTY We Also Make Special
CUTTERS and REAMERS
 To Order As Well As **SPECIAL TOOLS** For All Pur-
 poses
NEW PROCESS SPECIALTY CO., INC.
 600-4 ENTERPRISE BUILDING, MILWAUKEE, WIS.

Nichols W. H., Waltham, Mass.
 Parker Machine Co., 221 High, Boston,
 Mass.
 Progressive Tool Equipment Co., 342 York,
 New Haven, Conn.
 Rider-Bogg Co., Springfield, Mass.
 Rochester Tool & Gauge Co., 203 State,
 Rochester, N. Y.
 S-P Mfg. Co., 872 E 72d, Cleveland, O.
 Sheffield Machine & Tool Co., Dayton, O.
 Sloan & Chase Mfg. Co., 351 6th av, New-
 ark, N. J.
 Snead & Co., Iron Works, 98 Pine, Jersey
 City, N. J. See adv index at end of book
 Steel Products Engineering Co., Spring-
 field, O.
 Stein Wm. P. & Co., Rochester, N. Y.
 Stevens Mfg. Co., Dale av., Dayton, O.
 Superior Die, Tool & Machine Co., 549 N
 4th, Columbus, O.
 Taft-Pierce Mfg. Co., Woonsocket, R. I.
 Tucker Chas. E. Mfg. Co., York, Pa.
 Up-to-Date Tool Co., 60 K, S Boston, Mass.
 Urbana Tool & Die Co., Urbana, O.
 Wade Machine Co., 817 Albany, Boston,
 Mass.
 Webster & Perks Tool Co., Springfield, O.
 Willemin Mfg. Co., Inc., 181 Eddy, Provi-
 dence, R. I.
 Wirth John D., New Haven, Conn.

Jim-Crows

See Benders, Rail

6822— *Joint Couplings

LUNKENHEIMER CO., Executive Offices
 & Factories: Beekman & Waverly,
 Cincinnati, O.
 See adv index at end of book

6823— Jointers (Coopers')

White L. & I. J. Co., 120 Columbia, Buf-
 falo, N. Y.

6824— Jointers (Masons')

Arrowsmith Concrete Tool Co. (Concrete
 Finishing), Arrowsmith, Ill.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Buffum Tool Co. ("Swastika"), South
 Side, Louisiana, Mo.
 Crescent Tool Mfg. Co. (Steel & Bronze),
 1002 Cass av, St. Louis, Mo.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Vlchek Tool Co. ("Vlchek," Single &
 Double), 10711 Quincy av, Cleveland,
 Ohio

6825— Jointers (Pipe)

See also Runners, Lead Joint

Buffum Tool Co. ("Swastika"), South
 Side, Louisiana, Mo.
 Mueller H. Mfg. Co. (For Cast Iron Pipe),
 Decatur, Ill.
 Yonts C. H. & Co. (Asbestos Lead Pipe
 Joint Runner), Meadville, Pa.

6826— Jointers (Saw Tooth)

Disston Henry & Sons, Inc., Tacony,
 Phila., Pa.
 Huther Bros. Saw Mfg. Co. (For Circular
 Saw), Rochester, N. Y.
 Karle Geo. J. (For Band or Circular
 Saws), 195 Elk, Buffalo, N. Y.
 Mixer J. W. Saw Tool Co. (Or Side File),
 Plymouth, Mass.
 Stearns E. C. & Co., 450 Onelda, Syracuse,
 N. Y.

6827— Joints (Shingle)

See also Shingle Mill Machinery
American Sawmill Machinery Co. (Rotary), Hackettstown, N. J.
Lyon Iron Works, Greene, N. Y.

6828—Joints (Alignment, Automobile)

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.
See adv index at end of book

6829— Joints (Angle)

American District Steam Co. (45 to 90), No. Tonawanda, N. Y.

6830— Joints (Ball)

See also Joints, Flexible; also Joints, Universal

American District Steam Co., North Tonawanda, N. Y.
Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
Boston Gear Works (Solid Ball, Hub Steel & Brass Universal Joint Couplings), Norfolk Downs, Quincy, Mass.
Cincinnati Ball Crank Co., No. Oakley, Cincinnati, O.
Clow Jas. B. & Sons (Flexible), Franklin & Harrison, Chicago, Ill.
Franklin Railway Supply Co. ("Franklin," a Flexible Metallic Pipe Connection for Round Houses), Franklin, Pa.
Gray & Prior Machine Co., Hartford, Conn.
Mechanical & Electrical Mfg. Co. (Adjustable & Non-Adjustable), 2227 Prairie av, Chicago, Ill.
Peninsular Milled Screw Co., Detroit, Mich.
Poole Engineering & Mach. Co., Woodberry sta, Baltimore, Md.
Power Specialty Co. ("Harter"), 111 B'way, New York
Sterling Blower Co. ("Sterling"), Hartford, Conn.
Walker Mfg. Co., Fenton, Mich.

6831—*Joints (Brass Swing)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

6832— Joints (Cable)

Dossert & Co., 242 W 41st, New York
Fountain Jno. Jr., 120 Liberty, New York
Matthews W. N. & Bro. ("Matthews," Splicing), 3722 Forest Park blvd, St. Louis, Mo.

6833—Joints (Carriage & Automobile Top Prop)

Blakeslee Forging Co., Plantsville, Conn.
Cortland Carriage Goods Co., Cortland, N. Y.
Cortland Forging Co. ("Ajax"), Cortland, N. Y.
Cowles C. & Co., New Haven, Conn.
Crandal, Stone & Co. ("Pioneer" Top Joints), Binghamton, N. Y.
Owensboro Forging Co. (Steel), Owensboro, Ky.
Scherer H. & Co., Detroit, Mich.
Springfield Harness Co. (Extension), Springfield, Mass.

6834— Joints (Expansion)

Alberger Heater Co. ("Ross"), Buffalo, N. Y.
ALBERGER PUMP & CONDENSER CO. ("Wainwright"), 140 Cedar, New York
American District Steam Co. (Iron Body, for Underground or Inside Work), North Tonawanda, N. Y.
American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.
AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. See adv index at end of book
Badger E. B. & Sons Co. (Corrugated Copper), 75 Pitts. Boston, Mass.
Barber Asphalt Paving Co. (Asphalt Compound), 30th & Race, Phila., Pa.
Belfield H. Co. (Iron & Brass), 435 N Broad, Phila., Pa.

Bordo L. J. Co. Inc. ("Bordo" Swing Joints), 12th & Thompson, Phila., Pa.
Bridgman Bros. Co. ("Bridgman" Brass & Iron), 1426 Washington, Phila., Pa.
Buckeye Iron & Brass Works (Brass), Dayton, Ohio

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York
See adv index at end of book

Carey Philip Co. ("Elastite"), 330 Wayne av, Lockland, Cincinnati, O.

Central Station Steam Co. (Packingless), 710 Woodbridge, Detroit, Mich.

Coffin Valve Co. (For Pipe Mains), Neponset, Boston, Mass.

Coldwell-Wilcox Co. ("Pearson" Balanced), Newburgh, N. Y.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Crane Co. (Iron Body Brass Mounted, also Brass), Bridgeport, Conn.

DAHLQUIST MFG. CO., 40 W 3d, So. Boston, Mass. See adv index at end of book

Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.

Gerstein Bros. & Cooper (Copper), 1 & 3 W 3d, South Boston, Mass.

GRISCOM-RUSSELL CO. (Copper for Exhaust & Live Steam), 92 West, New York See adv index at end of book

Harvey's A. Sons Mfg. Co., Detroit, Mich.

Haydenville Co., Haydenville, Mass.

Hoffmann B. Mfg. Co. (Brass & Iron Body), 257 6th, Milwaukee, Wis.

Illinois Engineering Co., 5021 S State, Chicago, Ill.

Imperial Iron Works (Light & Extra Heavy), Duluth, Minn.

Iarecki Mfg. Co., Erie, Pa.

Kaltenhauer H. J. (Iron Body), 234 Cherry, Phila., Pa.

Kellogg M. W. Co. (Pipe), 90 West, New York See adv index at end of book

Kelly & Jones Co. ("Simplex," "K. & J."), 135 Water, Pittsburgh, Pa.

Konold M. J. Co. (Copper), Bessemer bldg., Pittsburgh, Pa.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. See adv index at end of book

McCarthy Felix, Pottstown, Pa.

McNab & Harlin Mfg. Co., 55 John, New York

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.

National Tube Co. (Brass & Iron), Frick bldg., Pittsburgh, Pa.

See adv index at end of book

New York Brass Foundry Co. ("Still-bech"), 104 Centre, New York

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

P.-K. Engineers ("P.-K."), Syndicate Trust bldg., St. Louis, Mo.

Pearce W. H. & Co. ("Crescent"), 333 S Dearborn, Chicago, Ill.

Pioneer Asphalt Co. ("Pioneer"), Lawrenceville, Ill.

Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co. (Balanced & Unbalanced), 26th & A V Ry, Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.

Power Specialty Co. ("Harter"), 111 B'way, New York

Queen City Brass & Iron Works (Brass, etc.), Cincinnati, O.

Shaw Benj. F. Co. (Copper), 501 E. 2d, Wilmington, Del.

See adv index at end of book

Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.

Thompson J. & Co., Van Horn & Sophia, Phila., Pa.

Tyler Underground Heating System, 815 S Canal, Pittsburgh, Pa.

Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.

U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.

Walworth Mfg. Co., Boston, Mass.

Waring-Underwood Co. ("Ideal"), Commercial Trust bldg, Phila., Pa.

Wheeler C. H. Mfg. Co., Lehigh av & 18th, Phila., Pa.

Williams D. T. Valve Co., Cincinnati, O.

6835— Joints (Filtering)

Lee Thomas (For Obtaining Pure Cistern Water), 129 W 2d, Cincinnati, O.

6836—Joints (Fixture Insulating)

Federal Sign System (Electric), 640 W Lake, Chicago, Ill.

Johns-Pratt Co. ("Moulded Mica"), Hartford, Conn.

McDowell E. O., 154 Nassau, New York

Macallen Co., 16 Macallen, South Boston, Mass.

Milwaukee Gas & Elec. Fixture Co., 1910 Fond du Lac, Wis.

Mitchell Vance Co. ("Robb" Fixture), 507 W 24th, New York

Thomas & Betts Co., 103 Hudson, New York

Trumbull Electric Mfg. Co. ("Jaynes"), Plainville, Conn.

Yost Elec. Mfg. Co., Toledo, O.

6837— Joints (Flexible)

AMERICAN SPIRAL PIPE WORKS, Chicago, Ill. See adv index at end of book

Barco Brass & Joint Co. ("Martin's," "Holland," "Barco," for Air, Gas, Liquid & Steam), 212 W Illinois, Chicago, Ill.

Clow Jas. B. & Sons (Ball Joints), Franklin & Harrison, Chicago, Ill.

Coldwell-Wilcox Co., Newburgh, N. Y.

Crane Co. (Est. 1855) ("Walker"), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Douds Frank C. & Co. ("Douds," for Pipe), New Castle, Pa.

Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.

Drummond M. J. & Co., (Pipe), 51 Chambers, New York

Falcon Joseph G., Evanston, Ill.

Greenlaw Mfg. Co. ("Greenlaw"), 141 Milk, Boston, Mass.

Moran Flexible Steam Joint Co. (For Steam, Air or Liquid, all Metal), Louisville, Ky.

Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.

Universal Swing Joint & Machine Co. (Swing), Louisville, Ky.

Venango Mfg. Co. (Locomotive), Franklin, Pa.

Walker Mfg. Co. (Pipe or Ball Joints), Fenton, Mich.

Wood R. D. & Co. (Pipe), 400 Chestnut, Phila., Pa.

6838—Joints (Insulating, Rail)

Atlas Railway Supply Co., 431 S Dearborn, Chicago, Ill.

Industrial Supply & Equipment Co. ("Manhattan"), 407 Sansom, Phila., Pa.

Johns Pratt Co. ("Moulded Mica"), Hartford, Conn.

Q. & C. Co. ("Q. & C.," "O'Brien"), 90 West, New York

Rail Joint Co., 61 B'way, New York

Whall C. H. Co. ("Whall's," Fibre), 170 Summer, Boston, Mass.

6839— Joints (Ladder)

Auer John Jr. (Wrought Steel), 197 Middleton, Brooklyn, N. Y.

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.

STANLEY WORKS (Wrought Steel), New Britain, Conn.

See adv index at end of book

6840—Joints (Lap, Recessed)

Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.

6841— Joints (Pipe)

Central Foundry Co. ("Universal"), 90 West, New York

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co. ("Atwood"), 26th & A V Ry, Pittsburgh, Pa.

Joints (Rail)

See Rail Joints

6842— Joints (Rail Step)

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.
 Elyria Iron & Steel Co., Mussey rd, Elyria, O.
 Industrial Supply & Equipment Co. ("Manhattan"), 407 Sansom, Phila., Pa.
 Q. & C. Co. ("Bonzano," "Q. & C.," "Compromise"), 90 West, New York
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

Joints (Splice)

See Braces, Rail

6843— Joints (Strap)

Leard Wm. E., New Brighton, Pa.

6844— Joints (Stump)

Baldwin E. N. (For Carriage Tops), Shelton, Conn.
 Cowles C. & Co. ("Elm City"), New Haven, Conn.
 Union Forging Co., Union, N. Y.

6845— Joints (Sucker Rod)

American Well Works, Aurora, Ill.
See adv index at end of book
 Cook August D. (Wrought Iron), Lawrenceburg, Ind.
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

6846— Joints (Swing)

Barco Brass & Joint Co., 212 W Illinois, Chicago, Ill.
 Bordo L. J. Co. ("Bordo" Locomotive), 12th & Thompson, Phila., Pa.
 Central Foundry Co. ("Universal"), 90 West, New York
 Crane Co. (Brass, Steam, etc), Bridgeport, Conn.
 Fries & Co., 91 Main, Buffalo, N. Y.
 Haydenville Co. (Brass), Haydenville, Mass.
 Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.
 Hoffmann B. Mfg Co. ("B. H. Mfg. Co.," "Universal"), 257 6th, Milwaukee, Wis.
 Jarecki Mfg. Co., Erie, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 McDonald A. Y. Mfg. Co., Dubuque, Ia.
 McNab & Harlin Mfg. Co., 55 John, New York
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
 Pittsburgh Valve, Foundry & Construction Co. (Brass), 26th & A. V. Ry., Pittsburgh, Pa.
 Powell Wm. Co., Cincinnati, O.
 Universal Swing Joint & Machine Co., Louisville, Ky.

6847— *Joints (Swivel)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

6847a—Joints (Telescopic Pipe)

Cameron A. S. Steam Pump Works, Bowling Green bldg. New York
See adv index at end of book

6848— Joints (Universal)

Acme Universal Joint Mfg. Co., Kalamazoo, Mich.
 Arvac Mfg. Co., Anderson, Ind.
 Baush Machine Tool Co. ("Bocorselski"), Springfield, Mass.
 Bearings Company of America ("Sterling"), Lancaster, Pa.
 Blood Bros Machine Co. (For Automobiles, etc), Allegan, Mich.
 Boston Gear Works (Bronze), Norfolk Downs, Quincy, Mass.
 Brown A. & F. Co., 79 Barclay, New York; Works: Elizabethport, N. J.
 Central Foundry Co. ("Universal"), 90 West, New York
GEM MFG. CO. ("Gem" & "G. P."), Goebel, nr Fulton, N. S., Pittsburgh, Pa. *See adv index at end of book*

Gray & Prior Machine Co., Hartford, Conn.
 Hartford Auto Parts Co., Hartford, Conn.
 Hoffmann B. Mfg. Co. ("B. H. Mfg. Co."), 257 6th, Milwaukee, Wis.
 Kinsler-Bennett Co. (Pin), Hartford, Conn.

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.

See adv index at end of book

Michigan Wheel Co., Grand Rapids, Mich.
 Plank Flexible Shaft Machine Co., Grand Rapids, Mich.

Reilly Steam Pump Works, Louisville, Ky.
 Spicer Mfg. Co. ("Spicer" for Automobiles, etc), South Plainfield, N. J.
 Stow Mfg. Co., Binghamton, N. Y.

See adv index at end of book

Universal Machine Co. (Roller-Bearing), Bowling Green, O.
 Walker Mfg. Co., Fenton, Mich.
 Walworth Mfg. Co., Boston, Mass.
 Westinghouse Automatic Air & Steam Coupler Co. (Flexible Metallic Swivel & Universal), Security bldg, St. Louis, Mo.

Joints (Vehicle Top Prop)

See Joints, Carriage & Automobile Top, Prop

6849—Joist Anchor & Timber Caps

See also Hangers, Joist

American 3-Way Prism Co. (Anchors), La Porte, Ind.
 Champion Iron Co., Kenton, O.
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
 Church Appliance Mfg. Co. ("Boss" Joint Anchor), La Salle, Ill.
 Duplex Hanger Co., E 53d & Lakeside av, Cleveland, O.
 Goetz Box Anchor Co., New Albany, Ind.
 Huntington Iron Works, Huntington, W. Va.
 Mesker Bros. Iron Co., 421 S 6th. St. Louis, Mo.
 O'Leary Arthur J. & Son Co. (Forged Steel), 65th & So 57th av, Chicago, Ill.
 Prouty C. & Co., Eldred, Pa.
ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book
 Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

6850— Journals (Car)

Hess-Bright Mfg. Co. ("H.B.-D. W. F." Ball Bearing), Front & Erie, Phila., Pa.
 New Departure Mfg. Co. ("New Departure" Ball Bearing Trolley), Bristol, Conn.
See adv index at end of book

6851—*Journals (Vulcanized Fibre)

See also Fibre, Hard

DELAWARE HARD FIBRE CO., Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

6852-3— Kainit

Armour Fertilizer Works, U. S. Yards, Chicago, Ill.
 Baker H. J. & Bro. (Importers), 81 Fulton, New York
 Buffalo Fertilizer Works, Marine Bk bldg, Buffalo, New York.
 German Kali Works (Importer), 42 B'way, New York
 Grasselli Chemical Co. (Importers), Guardian bldg, Cleveland, O.
 New Orleans Acid & Fertilizer Co. (Importers), Gretna, La.
 Nitrate Agencies Co. (Imp.), 102 Pearl, New York
 Swift & Co., Union Stock Yards, Chicago, Ill.
 Thomas W. W. & Co. (Importers), 15 Whitehall, New York
 Tupelo Fertilizer Factory (Imported), Tupelo, Miss.

Kalameined Iron Covered Work

See Doors & Windows, Kalameined

6854— Kalsomine Mfrs.

See also Paints, Cold Water
 Adams & Elting Co. ("Hygienic"), 726 Washington blvd, Chicago, Ill.
 Bird J. A. & W. & Co. ("Petrol"), 88 Pearl, Boston, Mass.
 Connors Wm. Paint Mfg. Co., Troy, N. Y.
FOX M. EWING CO. (All Kinds of Calamines & Water-Paints), 241 E 136th, New York
See adv index at end of book
 Lucas Jno. & Co., 322 Phila., Pa.
 Manhattan Color Works ("Fres-Ko-Kote," "Tempo-Va"), 793 11th, New York
 Moore Benj. & Co. ("Muresco"), 231 Front, Brooklyn, N. Y.
 Munns E. A. Kalsomine Co., 217 Fulton, Brooklyn, N. Y.
 Muralo Co., Richmond Ter. New Brighton (Borough of Richmond), New York
 Troy Cold Water Kalsomine Co. ("Klar's" Cold Water), Troy, N. Y.
 West Coast Kalsomine Co. ("Wesco"), West Berkeley, Cal.
 Woolsey C. A. Paint & Color Co. ("Woolsey's" Domestic), 500 Grand, Jersey City, N. J.

6855— Kaolin Mfrs.

Chrystal Charles B. (Imp), 13 Cliff, New York. *See adv index at end of book*
 Edgar Plastic Kaolin Co., Metuchen, N. J.
 Edisto Kaolin Co., 154 Nassau, New York
 Excelsior Ball Clay Co., Cincinnati, O.
 Georgia Kaolin Co., Macon, Ga.
 Golding Sons Co., Trenton, N. J.
 Harris Clay Co., Dillsboro, N. C.
 Immaculate Kaolin Co., Langley, S. C.
 Kaolin Mining Co., Franklin Bank bldg, Phila., Pa.
 Mines. McIntyre, Ga.
 Kreischer Brick Mfg. Co., Kriescherville, S. I., N. Y.
 National Sales Co. (Imp), 31 E 13th, Cincinnati, O.
 Ostrander Fire Brick Co. (Miners), Troy, N. Y., & Ostrander, N. J.
 Raritan Ridge Clay Co., Metuchen, N. J.
 Star Clay Co. (Ltd.), Mertztown, Pa.
 Vanderbilt T. R. Co., 50 E 42d, New York
 Whitehead Bros. Co., 537 W 27th, New York

6856— *Kapseal

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

Kauri Gum Importers

See Varnish Gums

6856a—*Kegs (Money, Tacks)

Estes E. B. & Sons (Turned Wood), 358 5th av, New York
See adv index at end of book

6857— Kegs (Steel)

Acme Stamping Co. (Powder, etc), Shamokin, Pa.
AMERICAN CAN CO. (White Lead), 120 Broadway, New York
See adv index at end of book
 Peoria Can Co. (For Powder, etc), Peoria, Ill.
 Pittsburgh Can Co. (White Lead Paint, etc), 61 Bridge, Pittsburgh, Pa.
 Pressed Steel Products Co. (For Shipping Grease, Nails, Rivets, etc), Sharon, Pa.

6858— Kegs (Steel Shop)

Cleveland Wire Spring Co., Cleveland, O.
 Kraft, A. C., 323 W Lake, Chicago, Ill.
 Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.
OHIO MFG. CO., P. O. Box 358, Painesville, O. *See adv index at end of book*

6859— Kegs (Wooden)

Albrecht Fred'k. Pratt & Smallwood, Baltimore, Md.
 American Stave & Cooperage Co., Chelsea, Mass.
 American Wooden Ware Mfg. Co. (Quartered White Oak Liquor, Cider, Pickle, etc), Toledo, O. Works: Leakey, Tex.
 Baltimore Cooperage Co., The (Brewers', etc.; also Barrels), c Hanover & Creek, Baltimore, Md.

Bell Edwin Co. (Nail, Spike, Horseshoe, Nut, etc), S 17th, Pittsburgh, Pa.
 Bridge's A. D. Sons (Powder), Hazardville, Conn.
 Greif Bros. Cooperage Co. (For Nails, Bolts, Nuts, Rivets, Screws, Horse Shoes, etc), 1937 Willey av, Cleveland, O.
 Impervious Package Co. (Nail, etc), Keene, N. H.
 Ketter Fred. (Est. of) (Beer Kegs, Casks, Vats, etc), Milwaukee, Wis.
 Kimball, Tyler Co., 261 S 8th, Baltimore, Md.
 Lown & Son (Cedar Harvest, etc), Poughkeepsie, N. Y.
 McKeever Barrel & Keg Co., 911 Penna, Pittsburgh, Pa.
 Mangold Stave & Cooperage Co. (Beer Barrels, Hogsheads, Tanks, etc), Weber rd & Grand av, St. Louis, Mo.
 Peirce W. E. & Co., Milford, N. H.
 Pestel Cooperage Co. (Beer Barrels, Casks, Tanks, etc), 2828 Bismarck, Richmond, Va.
 Richmond Cedar Works (Oak & White Wood, Plain or Varnished), Fulton, Richmond, Va.
 Rochester Cooperage Co. (Beer & Ale), Rochester, N. Y.
 Schwarzwald J. & Sons (Beer & Ale), Hoboken, N. J.
 Sengel Philip & Son (Beer Barrels, Casks, Tanks, etc), Louisville, Ky.
 Stecher Cooperage Works (Beer Barrels, etc), 3d & Barton, St. Louis, Mo.
 Stolper Chas. Cooperage Co. (Beer Barrels, etc), 3206 Fond du Lac av, Milwaukee, Wis.
 Struthers Cooperage Co. (Nail), Struthers, O.
 Union Cooperage Co. ("Handy"), 2d & Penrose, St. Louis, Mo.
 Walsh Mfg. Co., 72 S 9th, Pittsburgh, Pa.
 Western Cooperage Co. (All Kinds of Barrels & Kegs), Northwestern Bank bldg, Portland, Ore.

6860— Kettles (Acid)

American Welding Co. (Chemical, Boiling, etc), Carbondale, Pa.
 Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
 Devine J. P. Co., Buffalo, N. Y.
 Duriron Castings Co., 90 West, New York
 Manitowoc Engineering Works, Manitowoc, Wis.
 Stuart & Peterson Co. (Iron), Burlington, N. J.

Kettles (Aniline)

See Kettles, Size

6861—Kettles (Apple Butter)

Bucyrus Copper Kettle Works, Bucyrus, Ohio
DAHLQUIST MFG. CO. (Copper), 40 W 3rd, So. Boston, Mass.
See adv index at end of book
 Picking D. & Co., Bucyrus, O.
 Schaum John G., Lancaster, Pa.

Kettles (Asphalt)

See Kettles, Tar; also Heaters, Asphalt, Pitch & Tar

6862— *Kettles (Brass)

AMERICAN BRASS CO., Waterbury, Conn.
See adv index & branch offices at end of book

6863— Kettles (Brazing)

Bridgeport Crucible Co. (Graphite), Bridgeport, Conn.

6864— Kettles (Brew)

Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, O.
 Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.
 Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.
 Selg Brewery Apparatus Co., 1320 N 5th, Phila., Pa.

6865— Kettles (Calcining)

Ehram J. B. & Sons Mfg. Co., Enterprise, Kans.

6866— Kettles (Caldron)

Brecht Co. (For Packers, etc), 1201 Cass av, St. Louis, Mo.
 Buch's A. Sons Co., Elizabethtown, Pa.
 Cheney S. & Son, Manlius, N. Y.
 Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
 Donaldson Bros., Mt. Clemens, Mich.
 Eddy W. Plow Co., Greenwich, N. Y.
 Gehl Bros. Mfg. Co., West Bend, Wis.
 Giblin & Co., Utica, N. Y.
 Gowanda Agricultural Works, Gowanda, N. Y.
 Greenville Implement Co., Greenville, Mich.
 Heesen Bros. Co., Tecumseh, Mich.
 Heller Aller Co., Napoleon, O.
 Lehr Agricultural Co., Fremont, O.
 Lyon Iron Works, Greene, N. Y.
 Moore Plow & Implement Co., Greenville, Mich.
 Mott J. L. Iron Works, Trenton, N. J.
 Sowers Mfg. Co., Buffalo, N. Y.
 Sperry D. R. & Co., North Aurora, Ill.
 Swift Mfg. Co., Waterloo, Ia.
 Vulcan Copper Works, 120 Sycamore, Cincinnati, O.

Kettles (Canning Factory)

See Kettles, Process

6867— Kettles (Cast Iron)

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
 Columbus Iron Works, Columbus, Ga.
 Devine J. P. Co., Buffalo, N. Y.
 Golden's Foundry & Machine Co., Columbus, Ga.
 Kilpatrick A. & Sons Fdry. Co., Carrie & Bulver av, St. Louis, Mo.
 Phillips & Buttorff Mfg. Co., Nashville, Tenn.
 Sowers Mfg. Co., Buffalo, N. Y.
 Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.
See adv index at end of book
 United States Cast Iron Pipe & Foundry Co., Burlington, N. J.

6868—Kettles (Caustic Soda)

BUFFALO FOUNDRY & MACHINE CO. (& Potash), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*
 Devine J. P. Co., Buffalo, N. Y.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Marshall Foundry Co., Pittsburgh, Pa.

6869— Kettles (Conveying)

Stuart & Peterson Co., Burlington, N. J.

6870— Kettles (Dross)

Wilfong Millard F., Iron Works Co., 5199 Gray's av, Phila., Pa.

6871— Kettles (Dyers')

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.
DAHLQUIST MFG. CO. (Copper), 40 W 3rd, South Boston, Mass.
See adv index at end of book
 Manitowoc Engineering Works, Manitowoc, Wis.

6872—Kettles (Fullers Earth Treating)

Allbright-Neil Co., 5223 Western blvd, Chicago, Ill.

6872a— *Kettles (Fusion)

Buffalo Foundry & Machine Co. (Caustic & Phenol), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

6873— Kettles (Galvanizing)

American Bridge Co., 30 Church, New York
 American Welding Co. (Welded), Carbondale, Pa.
 Columbiana Boiler Co. (Riveted & Welded), Columbiana, O.
 Garwood Bronze & Iron Works, Garwood, N. J.
 Heggie James G. & Sons, Joliet, Ill.
 Kennicott Co., Chicago Heights, Ill.
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.

McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.
 Manitowoc Engineering Works, Manitowoc, Wis.
 Meehan Boiler & Construction Co., Lowellville, O.
 Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
 National Wrought Iron Annealing Box Co., Washington, Pa.
 O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
 Parker Charles Co., Meriden, Conn.
 Petroleum Iron Works Co., Sharon, Pa.
 Pittsburgh Annealing Box Co., 829 Beaver, N S, Pittsburgh, Pa.
 Pollock Wm. B. Co., Youngstown, O.
 Reeves Bros. Co. (Riveted & Welded), Alliance, O.
 Standard Boiler & Plate Iron Co., Niles, O.
TREADWELL CONSTRUCTION CO. (Riveted), Midland, Pa.
See adv index at end of book
 Warren City Tank & Boiler Co., Warren, Ohio
 Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila., Pa.

6874— Kettles (Maslin)

Indiana Hollow Ware Co., Jeffersonville, Ind.

6875— Kettles (Melting)

Duriron Castings Co. (Acid Proof), 90 West, New York

6875a— Kettles (Nitrating)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
 Devine J. P. Co., 1372 Clinton, Buffalo, N. Y.
 Moore Samuel L. & Sons Corp., Elizabeth, N. J.

6876—Kettles (Paint & Varnish)

Aluminum Co. of Am. (Aluminum), Oliver bldg, Pittsburgh, Pa.
See adv index at end of book
 American Welding Co., Carbondale, Pa.
 Frelinger J. G. Iron Works (Steel & Copper), 115 W 2nd, Cincinnati, O.
 Heggie James G. & Sons, Joliet, Ill.
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Marshall Foundry Co., Pittsburgh, Pa.
 Sowers Mfg. Co., Buffalo, N. Y.

6877— Kettles (Process)

Littleford Bros., 444 E Pearl, Cincinnati, Ohio
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.
 Sprague Foundry & Mfg. Co. (For Canning Factories), Council Bluffs, Ia.
 Zastrow Geo. W., 1410 Thames, Baltimore, Md.

6878— Kettles (Size)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
 Devine J. P. Co., Buffalo, N. Y.
 Franklin Machine Co., 189 Charles, Providence, R. I.
 Saco-Lowell Shops, Boston, Mass.
 Townsend Foundry & Machine Shop Co. (Aniline), Broadway & Rensselaer, Albany, N. Y.
See adv index at end of book

6879— Kettles (Smelting)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.
 Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila., Pa.

6880— Kettles (Soap)

Cambridge Iron Works, Cambridge, Mass.
 Chicago Bridge & Iron Wks., 2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Devine J. P. Co., Buffalo, N. Y.
 Littleford Bros., 444 E Pearl, Cincinnati, O.
 Sowers Mfg. Co., Buffalo, N. Y.
 Sperry D. R. & Co. (Farmers' Soap Boiling), North Aurora, Ill.



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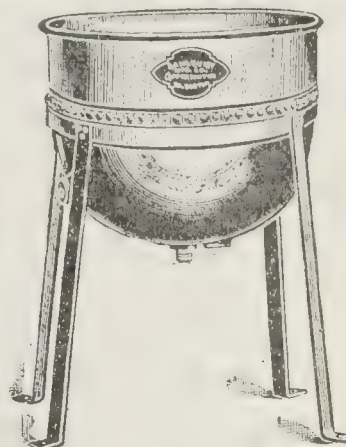
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Our name and guarantee mean perfect protection and satisfaction to every user

DAHLQUIST MFG. CO., 40 West Third St., South Boston, Mass.



6881—Kettles (Soda, Tool Cleaning)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gray & Prior Machine Co. (Soda & Potash), Hartford, Conn.
Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J.
Manufacturing, Equipment & Engineering Co., 136 Federal, Boston, Mass.
Mather & Waechter (Soda & Potash), 105th & Quebec av, Cleveland, O.
Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

6882— Kettles (Spelter)

Bridgeport Crucible Co. (Graphite), Bridgeport, Conn.

6883—Kettles (Steam Jacketed)

Allentown Boiler Works, Allentown, Pa.
Amer. By-Product Machinery Co., 90 West, New York
American Copper & Brass Works, Cincinnati, O.
American Welding Co., Carbondale, Pa.
Badger E. B. Sons Co., 75 Pitts, Boston, Mass.
Bauerle & Morris (Copper, Tin or Lead Lined), 932 N Front, Phila., Pa.
Baker G. W. Machine Co. (And Mixers for Tanners & Carriers), 218 French, Wilmington, Del.
Blymer Iron Works Co., Cincinnati, O.
Boston Copper Works Co., E Boston, Mass.
Braman, Dow Co., 239 Causeway, Boston, Mass.
Brecht Co. (For Packers & Lard Renderers), 1201 Cass av, St. Louis, Mo.
Brewer Wm. W., Troy, N. Y.
Buckeye Boiler Co., Dayton, O.
Bucyrus Copper Kettle Works, Bucyrus, O.
Clad V. & Sons, 16th & Callowhill, Phila., Pa.
Clark Engine & Boiler Co., Kalamazoo, Mich.
Connery & Co., 2d & Luzerne, Phila., Pa.
DAHLQUIST MFG. CO. (Copper), 40 W 3d, So. Boston, Mass.
See adv index at end of book
Day J. H. Co., Cincinnati, O.
Devine J. P. Co., Buffalo, N. Y.
Dover Boiler Works (For All Purposes), Sales Office: 50 Church, New York; Works: Dover, N. J.
See adv index at end of book
Duparquet, Huot & Moneuse Co., 110 W 22d, New York
ELYRIA ENAMELED PRODUCTS CO., 50 to 800 Gallons, Elyria, O.
See adv index at end of book
Freeman Mfg. Co., Dept. O., Racine, Wis.
French Oil Mill Machinery Co. (For Cottonseed & Linseed Oil Mills, etc), Piqua, O.
Gerstein Bros. & Cooper, 1 & 3 W 3d, South Boston, Mass.
Gibson Iron Works Co., 168 1st, Jersey City, N. J.
Graver Wm. Tank Works (For Lard, Soap, Refining, etc), East Chicago, Ind.
Hand Edw. L. & Co. ("Elhanco"), 722 Arch, Phila., Pa.
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.

Heggie James G. & Sons, Joliet, Ill.
Holmberg Chas. & Co. (Copper), 1439 Austin av, Chicago, Ill.
Hutchinson Bros., 5 S Howard, Baltimore, Md.
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Kelso & Co., 559 W Quincy, Chicago, Ill.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
Kraft A. C. 323 W Lake, Chicago, Ill.
Langsenkamp F. H., Indianapolis, Ind.
Littleford Bros., 444 E Pearl, Cincinnati, O.

MAC KINNON BOILER & MACHINE CO.,

218 N Water, Bay City, Mich.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.

Maryland Mfg. Co., 521 Baker, Baltimore, Md.

Mott J. L. Iron Works, Trenton, N. J.
Motters Geo. F. Sons, York, Pa.
Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.

Murray Iron Works Co., Burlington, Ia.

NASON MFG. CO. (Jobbers), 71 Fulton,

New York. *See adv index at end of book*
National Boiler & Sheet Iron Works, Indianapolis, Ind.

Novelty Steam Boiler Works (Triplett & Jennings, Prop's), 917 S Howard, Baltimore, Md.

Oat Jos. & Sons, 232 Quarry, Phila., Pa.
Petty J. K. & Co., Stephen Girard bldg, Phila., Pa.

Reeves Bros. Co., Alliance, O.
Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

Rider-Bagg Co., Springfield, Mass.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Savage Bros. Co. (Candy Makers), 321 W Austin, Chicago, Ill.

Seannell Boiler Works, Lowell, Mass.
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.

Sexton S. B. Stove & Mfg. Co. (Cast Iron), 500 Block W Conway, Baltimore, Md.

Smith's Jno. E. Sons Co. (For Tanners), Buffalo, N. Y.

Sowers Mfg. Co. (Seamless), Buffalo, N. Y.
Sperry D. R. & Co., North Aurora, Ill.

Sprague Canning Machinery Co. (For Cannerys), 222 N Wabash av, Chicago, Ill.

Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

Stuart & Peterson Co., Burlington, N. J.

TREADWELL CONSTRUCTION CO.,

Midland, Pa. *See adv index at end of book*
Turner Tanning Machinery Co., Peabody, Mass.

Vulcan Copper Works, 120 Sycamore, Cincinnati, O.

Walworth Mfg. Co., Boston, Mass.
Wilson Steam Boiler Co., Omaha, Neb.

Young Bros. Co. (Copper), Detroit, Mich.

6884— Kettles (Sugar)

Birmingham Stove & Range Co. (Cast Iron), Birmingham, Ala.
Blymyer Iron Works Co., Cincinnati, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Columbus Iron Works (Syrup Only), Columbus, Ga.

Devine J. P. Co., Buffalo, N. Y.
Glascock Stove & Mfg. Co. (Cast Iron), Greensboro, N. C.

Gray & Dudley Hardware Co., Nashville, Tenn.

Indiana Hollow Ware Co., Jeffersonville, Ind.

Kehoe Iron Works, Savannah, Ga.
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Mountain City Stove & Mfg. Co., Chattanooga, Tenn.

Over Ewald, Indianapolis, Ind.

Phillips & Butteroff Mfg. Co., Nashville, Tenn.

Southern Plow Co. (Cast Iron), Columbus, Ga.

Sperry D. R. & Co. (Sugar or Wash), North Aurora, Ill.

Turl Iron & Car Co., Inc., The, 50 Broad, New York Works: Newburgh, N. Y.

6885— Kettles (Tar)

Barber Asphalt Paving Co. ("Iroquois" Asphalt Kettles 50 to 400 Gals.), Buffalo, N. Y.

Central Boiler Works, 3rd & Congress, Detroit, Mich.

Connery & Co., 2d & Luzerne, Phila., Pa.

DOVER BOILER WORKS, Sales Office, 50 Church, New York.

See adv index at end of book
Evans F. H., 31 Hewes, Brooklyn, N. Y.

Hibbs E. A., Quarry & Bread, Phila., Pa.

Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Leslie, Elliott & Co., Paterson, N. J.

Littleford Bros., 444 E Pearl, Cincinnati, O.

MAC KINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book
MAC LEOD CO., 2227 Bogen, Cincinnati, O.

See adv index at end of book
National Boiler & Sheet Iron Works, Indianapolis, Ind.

Pioneer Iron Works, 149 Pioneer, B'klyn, N. Y.

Reeves Bros. Co., Alliance, O.

Ritter-Conley Co., Pittsburgh, Pa.

Russell Daniel Boiler Works, 93 Boston, Boston, Mass.

Smith Samuel & Son Co., Paterson, N. J.

Sperry D. R. & Co., North Aurora, Ill.

Stafford Wright & Son, Lawrence, Mass.

Stuebner G. L. Iron Works, Queensboro Terminal, L. I. City, N. Y.

See adv index at end of book
Tarrant Mfg. Co. ("Tarco"), Saratoga Springs, N. Y.

Tidewater Iron Works, Hoboken, N. J.

TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Union Iron Works, Hoboken, N. J.

Wilson Steam Boiler Co., Omaha, Neb.

6885a— Kettles (Tea, Etc.)
See Aluminum Ware Mfrs.; also Copper Ware, Stamped, etc.; also Enameled Ware Mfrs.; also Tinware Mfrs.; also Hollow Ware, Stove

6886— Kettles (Thawing)

du PONT E. I. de NEMOURS & CO. ("Du Pont"), (See also Blasting Supplies), Wilmington, Del.

For branch offices see adv index at end of book
HERCULES POWDER CO. ("Hercules"), Wilmington, Del.
See adv index at end of book

6887— Kettles (Tilting)

Devine J. P. Co., Buffalo, N. Y.
 Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.
 Stuart & Peterson Co. (Iron), Burlington, N. J.

Kettles (Tinning)

See Kettles Galvanizing

Kettles (Varnish)

See Kettles, Paint & Varnish

6888—Key Plates (Porcelain)

Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

Keyridge

See Iron, Cellular, for Fireproofing

6889—Keys (Auto Gas Tank)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Grammes L. F. & Sons, Allentown, Pa.

Key-Seaters

See Machines, Key-Seating; also Tools, Key-Seating

6890— Keys (Brake Shoe)

American Brake Shoe & Foundry Co., Mahwah, N. J.
 Beall Bros. (Inc.), Alton, Ill.
 Cleveland City Forge & Iron Co., Cleveland, O.
 Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pittsburg Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Steel Car Forge Co. (Iron or Steel for Christie Heads), Pittsburgh, Pa.
 Valley Forging Co., Verona, Pa.
 Western Tool & Forge Co., Brackenridge, Pa.

6891—Keys (Flat Spring & Riveted)

See also Cotters, Spring, Etc.
 Bettcher Mfg. Co. (Flat Riveted), 6120 Clark av, S W, Cleveland, O.
 Brooks M. S. & Sons (Flat Steel Spring or Riveted), Chester, Conn.
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Henry & Allen (Flat Riveted, Drop Forged), Auburn, N. Y.
 Hindley Mfg. Co. ("Columbia" Flat & Flat Spring Steel), Valley Falls, R. I.

Jencks E. Mfg. Co. (Flat Spring Only), Worcester, Mass.

Morgan Spring Co. (Flat Spring), Worcester, Mass.

National Screw & Tack Co. (Flat Steel Spring or Riveted), Cleveland, O.

Ohio Wire Goods Co. ("Standard" Flat Spring Keys), Akron, O.

Pickering R. S. (Steel Flat Spring & Riveted), Sharon Hill, Pa.

Whitman & Barnes Mfg. Co. (Brass, Steel & Copper), Akron, O.

See adv index at end of book
 Wire Goods Co. (Iron Flat Spring), Worcester, Mass.

6892— Keys (Machine)

Hall Mfg. Co. (Finished), Harrison, N. J.

Henry & Allen, Auburn, N. Y.

Hoopes & Townsend Co., Broad & Buttonwood, P. Ia., Pa.

Leard Wm. E., New Brighton, Pa.

McRae & Roberts Co., 227 Campbell av, Midland, Pa. *See adv index at end of book*

Meyer & Co. (Gib Head), Throopsville, N. Y.

Molthrup Steel Products Co., Beaver Falls, Pa.

Morton Mfg. Co. (Finished Ready to Drive), Muskegon Heights, Mich.

Pennsylvania Shafting Co. (Finished) Spring City, Pa.

STANDARD GAUGE STEEL CO. (Finished Steel), Beaver Falls, Pa.
See adv index at end of book

Whitney Mfg. Co. (For the Woodruff System of Keying), Hartford, Conn.

Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

6893— Keys (Press Screw)

Auer John, Jr. (Wrought Iron), 197 Middleton, Brooklyn, N. Y.

Keys (Riveted)

See Keys, Flat Spring & Riveted

6894—Keys (Socket, Rubber & Composition)

American Hard Rubber Co., 9 Mercer, New York

Auburn Button Works, Auburn, N. Y.

Dickinson Mfg. Co., Springfield, Mass.

Electrose Mfg. Co., 70 Wash., Brooklyn, N. Y.

Hemming Mfg. Co., Garfield, N. J.

Scranton Button Co., Scranton, Pa.

Siemon Hard Rubber Corp., Bridgeport, Conn.

6895— Keys (Split)

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

6896—Keys (Street Washer)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

6896a—*Keys (Valve & Street Washer)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa.
See adv index at end of book

6897—**Kiers**

Chattanooga Boiler & Tank Co., Chattanooga, Tenn.

Dillon D. M. Steam Boiler Works, Fitchburg, Mass.

Jefferson E. D. & Son, 53 State, Boston, Mass.

Leslie, Elliott & Co., Paterson, N. J.

Roberts Iron Works Co., Cambridge, Mass.

Smith Samuel & Son Co., Paterson, N. J.

Stafford Wright & Son, Lawrence, Mass.

Textile Finishing Machinery Co. (Boiling), 171 Westminster, Providence, R. I.

Utica Novelty & Mill Specialty Co. (Boiling off), Utica, N. Y.

Wholey Boiler Works, 98 Whipple, Providence, R. I.

6898— Kieselguhr
 Klipstein A. & Co. (Imp), 644 Greenwich, New York

National Sales Co. (Imp.), 31 E 13th, Cincinnati, O.

6899— Kieserit

German Kali Works, 42 B'way, New York

6900— Killers (Fly, Poison)

Craun Bros. ("Fly Pie"), Butler, Ind.

6901—Killers (Fly, Swatters)

American Badge Co., 141 W Austin av, Chicago, Ill.

Andrews Wire & Iron Works ("Kant Scratch"), Rockford, Ill.

Atlas Mfg. Co. ("Smith," "Atlas"), New Haven, Conn.

Baumgarth John Co., 1421 Ogden av, Chicago, Ill.

Best Mfg. Co. (Wire), Charlotte, Mich.

Carswell David ("St. Joe"), St. Joseph, Mo.

Carwood Fred T., Danville, Ill.

Cassady Fairbank Mfg. Co. ("Dandy," "Excelsior"), 6126 S La Salle, Chicago, Ill.

Cawood Novelty Mfg. Co., Danville, Ill.

Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.

Dollar W. H. Mfg. Co. ("Keenest"), Camden, N. J.

Drake A. W. Mfg. Co., Hazelton, Pa.

Fischer Bros. & Corwin, 238 South, Newark, N. J.

Fly Swatter Mfg. Co., Canton, O.

Hamblin & Russell Mfg. Co., Worcester, Mass.

Hoaglin Mfg. Co. ("Badger"), Waupaca, Wis.

Lubbers & Bell Mfg. Co. ("Jackson" Steel Spring), Clinton, Ia.

Merrifield Co. ("Champion"), Springvale, Me.

Metzger R. A., New Philadelphia, O.

Morgan Spring Co., Worcester, Mass.

National Mfg. Co. ("Faultless" & "Nat-wire"), Worcester, Mass.

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Parker Wire Goods Co. ("Eureka," "Easy" Wire), Worcester, Mass.

Racine Iron & Wire Works, Racine, Wis.

Rubber Step Mfg. Co. ("Sanitary Insect Destroyer"), Exeter, N. H.

STANDARD GAUGE STEEL COMPANY BEAVER FALLS

Pennsylvania, U. S. A.

MANUFACTURERS OF

COLD DRAWN STEEL SHAFTING

Screw Stock--Flats, Squares, Hexagons and Special Shapes in Finished Steel
 COMPRESSED STEEL ELEVATOR GUIDES

FINISHED CRANK SHAFTS--Drop Forged--Slab Forged

Machine Keys of All Descriptions
 Standard Woodruff Keys

Standard Gib Head--Plain Taper and Special Keys
 Steel Machine Rack
 Special Machine Screws

Somers Harold (Daisy), 150 De Kalb av, Brooklyn, N. Y.
 Spencer Wire Co., Worcester, Mass.
 Standard Vending Machine Co., Hazelton, Pa.
 Swift Fly Swatter Mfg. Co., 1412 W 12th, Kansas City, Mo.
TATE E. H. MOP & CORDAGE CO. ("Best Quality"), 15 Chardon, Boston, Mass.
 Timberlake J. B. & Sons ("Jason" & "Gem" Wire Screen), Jackson, Mich.
 U. S. Wire Mat Co. ("King," "Swat-Sticka"), Decatur, Ill.
 Watson Co. ("Wonder"), Peru, Ind.
 Wilson-Hurd Co. ("Getsum"), Wausau, Wis.
 Wire Goods Co., Worcester, Mass.
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

6902—*Killers (Gopher & Squirrel)
HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

6903—Killers (Weed, Chemical)
 Atlas Preservative Co. of Am., 95 Liberty, New York

6904—Kiln Drying Apparatus Mfrs.
 American Blower Co., 1400 Russell, Detroit, Mich.
 Bayley Mfg. Co. (For Lumber, etc.), Milwaukee, Wis.
 Buffalo Forge Co., Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Garden City Fan Co., 332 S Michigan av, Chicago, Ill.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 National Blower Works, Milwaukee, Wis.
 New York Blower Co., Archer av & Canal, Chicago, Ill.; Works: Bucyrus, O.
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

Kilns (Brick)

See Kilns, Dry with the Word "Brick" Following the Name

6905—*Kilns (Cement)

Atlas Engineering Co., Amherst, O. *See adv index at end of book*
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill. *For branch offices see adv index at end of book*
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
 Worthington Pump & Machinery Corp., 115 Broadway, New York

6906—Kilns (Charcoal)

Stearns Fitch & Co. ("Fitch"), Springfield, Ohio

6907—Kilns (China)

Bellevue Furnace Co. ("Perfection" for Firing, Decorated China, Glass, Pottery & Enameled Ware), 703 Bellevue av, Detroit, Mich.
 Caulkins H. J. & Co. ("Revelation"), State & Griswold, Detroit, Mich.
 Egle Bros. Mfg. Co., 169 Sylvester, Detroit, Mich.
 Ideal China Kiln Co., Port Huron, Mich.
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.
 Lavelle Foundry Co. ("Wilke Studio"), Anderson, Ind.
 Stearns, Fitch & Co. ("Fitch" Portable, Gas or Charcoal), Springfield, O.

6908—Kilns (Continuous)

Atlas Engineering Co., Amherst, O. *See adv index at end of book*
 Didier-March Co. (Continuous Tunnel Kilns, Keasbey, N. J.
 International Clay Machy. Co. (Produce Gas Fired), Dayton, O.
SCHAFFER ENGINEERING & EQUIPMENT CO. (Semi-Continuous), Tiffin, O. *See adv index at end of book*

Kilns (Dry)

See also Dryers, Brick; also Kiln Drying Apparatus Manufacturers

American Blower Co., 1400 Russell, Detroit, Mich.
 American Clay Machinery Co. (Brick & Clay), S Walnut, Bucyrus, O.
 Andrews A. H. Co. (Lumber, Dry Kilns), 115 S Wabash av, Chicago, Ill.
 Buffalo Forge Co., Buffalo, N. Y.
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.
 Cutler Dry Kiln Co., 34 Churchill, Buffalo, N. Y.
 Emerson Dry Kiln Co., Flatiron bldg, New York
 Ervien Chas. W. & Co., Venango & G, Phila., Pa.
 Grand Rapids Veneer Works, Grand Rapids, Mich.
 Green Fuel Economizer Co., Matteawan, N. Y.
 Hook Patent Kiln Co., Columbus O.
 Hunter Dry Kiln Co. (For Rubber), Fidelity Trust bldg, Indianapolis, Ind.
 International Clay Machy. Co. (Brick), Dayton, O.
 Koven L. O. & Bro. (Appurtenances), 154 Ogden av, Jersey City, N. J.
 Krom Machine Works, 170 B'way, New York
 Lovejoy Ellis (Brick, etc.), Columbus, O.
 Miller J. K. Co. ("Western"), Seattle, Wash.
 Moore L. Dry Kiln Co., Jacksonville, Fla.
 National Dry Kiln Co. (Lumber), Indianapolis, Ind.
 New York Blower Co., Archer av & Canal, Chicago, Ill.
 North Coast Dry Kiln Co., Seattle, Wash.
 Ohio Kiln Co., Vigo, O.
 Platt Pressed & Fire Brick Co., (Brick, Tile, etc), Van Meter, Ia.
 Ridgway Mfg. Co. ("Murphy" Moist Air Condensing, for Lumber), Ridgway, Pa.
SCHAFFER ENGINEERING & EQUIPMENT CO., Tiffin, O. *See adv index at end of book*
 Smith, Claude Co. (Brick), 417 S Dearborn, Chicago, Ill.
 Standard Dry Kiln Co., Indianapolis, Ind.
 Wetherill Robt. & Co., Chester, Pa.

6910—Kilns (Lime Burning)

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
 Atlas Engineering Co., Amherst, O. *See adv index at end of book*
 Duff Patents Co., Frick bldg, Pittsburgh, Gerdes & Co., 42 Church, New York *See adv index at end of book*
 Improved Equipment Co. ("Doherty-Eldred", Coal Fired), 60 Wall, New York
 McNamara Bros. Co., Haines & Warner, Baltimore, Md.
MAC KINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich. *See adv index at end of book*
 Manitowoc Engineering Works, Manitowoc, Wis.
 Smidth F. L. & Co., 50 Church, New York
 Steacy-Schmidt Mfg. Co. ("Keystone," Continuous), York, Pa.
 Tecktonius E. C. Mfg. Co. ("Tecktonius-Vogt"), Racine, Wis.
 Tippet & Wood, Phillipsburg, N. J.
 United Iron Works Co., Springfield, Mo.

6911—Kilns (Lime, Sugar Refining)

Atlas Engineering Co., Amherst, O. *See adv index at end of book*
 Hassell Iron Works Co., Colorado Springs, Colo.
 Hauptman & Loeb Co. (Ltd.), 717 Magazine, New Orleans, La.
 Kilby Mfg. Co., Cleveland, O.
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
 Stearns-Roger Mfg. Co., Denver, Colo.

Kilns (Lumber Drying)

See Kiln Drying Apparatus Mfrs. & Kilns, Dry

6912—Kilns (Malt)

Littleford Bros., 444 E Pearl, Cincinnati, O.

Kilns (Roasting)

See Kilns, Rotary

6913—Kilns (Rotary)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
ATLAS ENGINEERING CO., Amherst, O. *See adv index at end of book*
 Bonnot Company, Canton, O.
CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill. *For branch offices see adv index at end of book*
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*
 Gerdes & Co., 42 Church, New York *See adv index at end of book*
 Jackson & Church Co., Saginaw, Mich.
KENNEDY-VAN SAUN MFG. & ENG. CORP. (Cement), 120 Broadway, New York. *See adv index at end of book*
 Leslie, Elliott & Co., Paterson, N. J.
 McDermitt Bros. Co., Allentown, Pa.
MAC KINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich. *See adv index at end of book*
 Manitowoc Engineering Works, Manitowoc, Wis.
 Mosser W. F. & Son, Allentown, Pa.
PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*
 Reeves Bros. Co. (For Cement, etc), Alliance, O.
 Rock Products Equipment Corp., 42 Church, New York *See adv index at end of book*
 Sterritt-Thomas Foundry Co., 32nd & Smallman, Pittsburgh, Pa.
TREADWELL CONSTRUCTION CO. (For Cement, etc), Midland, Pa. *See adv index at end of book*
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
 United Iron Works Co., Springfield, Mo.
 Variety Iron & Steel Works Co., Cleveland, O.
 Vulcan Iron Works, Wilkes-Barre, Pa.
 Wetherill Robt. & Co., Chester, Pa.
 Worthington Pump & Machy Corp., 115 B'way, New York

6914—Kindergarten Supplies

Bradley, Milton Co., Springfield, Mass.
 Hamilton Mfg. Co., Two Rivers, Wis.
 Readsboro Chair Co. (Tables & Chairs), Readsboro, Vt.

6915—Kitchen Sets

American Cutlery Co. ("American Kitchen Friend," "Famous," "Ideal," "Practical"), 764 Mather, Chicago, Ill.
 Cassady Fairbank Mfg. Co. ("Raven," "Blackbird," "White Bird," "Humming Bird"), 6126 S La Salle, Chicago, Ill.
 Kohler Die & Specialty Co. ("Six-in-One"), De Kalb, Ill.
 White Ira F. & Son Co., Bloomfield, N. J.

Kitchen Utensils for Hotels & Institutions

See Cooking Apparatus

6916—Kits (Paint, Paste & Ink)

Ohio Pail Co. (Impervious), Middlefield, O.

6917—Kits (Pickle, Etc.)

Beaver Mills, Keela, N. H.

6918—Kits (Syrup, Honey, Etc.)

Pierpont Mfg. Co. (5 & 10 Gallon, Cypress), Savannah, Ga.

6919-20—Knapsacks

Boyle John & Co., 112 Duane, New York
 Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, O.
 Rosenson D. & Sons, 1600 Baronne, New Orleans, La.

Knees (Boat, Bob Sleigh, Etc.)

See Ship, Knees

6921—Knife-Backs

Cambria Steel Co. (No. 13, B. W. G. & Chickeen), Widener bldg, Phila. Pa.

6922—Knife & Weeder (Asparagus)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

6923—*Knives (Apple Grinder)

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.

See adv index at end of book

6924—Knives (Asparagus)

Bateman Mfg. Co., Grenloch, N. J.
Johnson Wm. (Hedenberg Works), Newark, N. J.

6925—Knives (Back Lathe)

Dowd R. J. Knife Works, Beloit, Wis.
Gage E. E. Mfg. Co., Gardner, Mass.
Gardner Machine Works, Gardner, Mass.

6926—Knives (Banana)

American Cutlery Co., 764 Mather, Chicago, Ill.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Duffy J. F. Jr., 563 Fulton, Chicago, Ill.

Goodell Co., Antrim, N. H.

Harrington Cutlery Co. (Dexter), Southbridge, Mass.

Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.

Landers, Frary & Clark, New Britain, Conn.

Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.

Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

NICHOLS BROS., GREENFIELD, MASS.

Parkhurst L. D., Danielson, Conn.

Stortz John & Son, 210 Vine, Phila., Pa.

Tucke Mfg. Co., Brockton, Mass.

6927—Knives (Band)

Meriden Cutlery Co. (Sickle Edge), Meriden, Conn.

6928—Knives (Band Cutter & Self Feeder)

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.

See adv index at end of book

Henry & Allen, Auburn, N. Y.

Herschel R. Mfg. Co., Peoria, Ill.

Meyer & Co., Throopville, N. Y.

Knives (Bark Grinder)

See Knives, Wood Barking Machine

6929—Knives (Barrel Machine)

Cocker Saw Mfg. Co., Lockport, N. Y.

COES LORING & CO. (Inc.), Coes sq, Worcester, Mass.

See adv index at end of book

Simonds A. A. & Son Co., Dayton, O.

SIMONDS MFG. CO., FITCHBURG, MASS.

See adv index at end of book

Worden Tool Co., 1854 Scranton rd, Cleveland, Ohio

6930—Knives (Bean Harvester)

American Knife Co., Baldwinsville, N. Y.

6931—Knives (Beet Topper)

American Fork & Hoe Co., Cleveland, O.

Atkins E. C. & Co., Indianapolis, Ind.

Clyde Cutlery Co., Clyde, O.

Disston Hy & Sons, Phila., Pa.

Landers, Frary & Clark, New Britain, Conn.

Ontario Knife Co., Franklinville, N. Y.

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6932—Knives (Belt)

American Tool & Machine Co. ("Crescent" for Leather Splitting Machines), 10 High, Boston, Mass.

Clemson Knife Co., Woburn, Mass.

Fowle John L., Reading, Mass.

Lyons Edw. S., Woburn, Mass.

Manufacturers Belt Hook Co. ("L-X"), 113 N Green, Chicago, Ill.

SIMONDS MFG. CO., FITCHBURG, MASS.

See adv index at end of book

Stehling Chas. Co., 401 4th, Milwaukee, Wis.

Turner Tanning Machinery Co., Peabody, Mass.

6933—Knives (Bench)

Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.

6934—Knives (Bone Cutter)

American Knife Co., Baldwinsville, N. Y.

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

Dilts Machine Works (Inc.), Fulton, N. Y.

6935—Knives (Bookbinders')

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

See adv index at end of book

Hankey A. & Co., Rochdale, Mass.

Latham Machinery Co., 1153 Fulton, Chicago, Ill.

Richard Stephen Co., Southbridge, Mass.

Simonds A. A. & Son, Dayton, O.

6936—Knives (Box Corner Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

See adv index at end of book

Grammes L. F. & Sons, Allentown, Pa.

6937—Knives (Bread)

American Cutlery Co., 764 Mather, Chicago, Ill.

Boker H. & Co. (Importers), 101 Duane, New York

Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.

Christy Knife Co., Fremont, O.

Clauss Shear Co. ("Clauss," Serrated & Plain), Fremont, O.

Clyde Cutlery Co., Clyde, O.

Dunlap J. S. 334 S Clinton, Chicago, Ill.

Dunn Ege Tool Co. ("Lightning"), Oakland, Me.

Goodell Co., Antrim, N. H.

Graef & Schmidt (Imported), 107 Chambers, New York

Grammes L. F. & Sons, Allentown, Pa.

Harrington Cutlery Co. (Dexter), Southbridge, Mass.

Knickerbocker Mfg. Co. (Also Serrated Bread Knives), Belleville, N. J.

Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.

Landers, Frary & Clark ("Universal"), New Britain, Conn.

Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.

Meriden Cutlery Co. ("Anvil Brand"), Meriden, Conn.

National Mfg. Co. & Steel Supply Co. ("Slick Cutter Serrated"), 15 River, Newark, N. J.

NICHOLS BROS., GREENFIELD, MASS.

Northampton Cutlery Co., Northampton, Mass.

North Wayne Tool Co. ("C. C. Brooks"), Hallowell, Me.

Ontario Knife Co., Franklinville, N. Y.

Parkhurst L. D., Danielson, Conn.

Richard Stephen Co. ("S. R."), Southbridge, Mass.

Russell Jno. Cutlery Co., Turners Falls, Mass.

Tucke Mfg. Co., Brockton, Mass.

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

White Ira F. & Son Co., Bloomfield, N. J.

6938—Knives (Brick)

American Manganese Steel Co. ("Amsco," & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

Trethewey Sam'l & Co., (Ltd.), 57th st, Pittsburgh, Pa.

6939—Knives (Broom Corn)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

Hyde Mfg. Co., Southbridge, Mass.

Richard Stephen Co. ("S. R."), Southbridge, Mass.

6940—Knives (Burr)

Emrich Phil. (For Sheepskin Tanners), 824 Main, Cincinnati, O.

6941—Knives (Butchers')

Boning, Sticking, Cutting, Etc.

American Cutlery Co., 764 Mather, Chicago, Ill.

Barr Bros. Co. (Hand Made), Oakland, Cal.

Boker H. & Co. ("Jno. Wilson's," Imported Knives & Steels), 101 Duane, New York

Brecht Co., 1201 Cass av, St. Louis, Mo.

Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.

Chatillon Jno. & Sons, 85 Cliff, New York

Clyde Cutlery Co., Clyde, O.

Emrich Phil., 824 Main, Cincinnati, O.

Foster Bros. & Chatillon Co., Fulton, N. Y.

Goodell Co. ("Star"), Antrim, N. H.

Graef & Schmidt ("J. A. Henckels Twin Works"), 107 Chambers, New York

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

Hollinger Cutlery Co., Fremont, O.

Hulbert E. S. & Co. ("Bernardston," "Columbia," "National Cut. Co.," "Fall River") Bernardston, Mass.

Kastor Adolph & Bros. ("Thomas Wilson," Knives & Steel), 109 Duane, New York

Knickerbocker Mfg. Co., Belleville, N. J.

Lamson & Goodnow Mfg. Co. ("L. & G."), Shelburne Falls, Mass.

Landers, Frary & Clark ("Universal"), New Britain, Conn.

Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.

Mack & Co. ("D. R. Barton"), Rochester, N. Y.

Meriden Cutlery Co. ("Anvil Brand," "Razor Edge"), Meriden, Conn.

NICHOLS BROS., GREENFIELD, MASS.

Nittinger Aug., Sr. (Est. of), 826 N. 4th Phila., Pa.

Northampton Cutlery Co., Northampton, Mass.

Ontario Knife Co., Franklinville, N. Y.

Parkhurst L. D., Danielson, Conn.

Pope T. J., Sauquoit, N. Y.

Richard Stephen Co. ("S. R."), Southbridge, Mass.

Robeson Cutlery Co., Rochester, N. Y.

Russell John Cutlery Co., Turners Falls, Mass.

Tucke Mfg. Co., Brockton, Mass.

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

White Ira F. & Son Co., Bloomfield, N. J.

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Woodworth Knife Works, Nunda, N. Y.

Wostemholm Geo. & Son ("I X L" Imp), 105 Chambers, New York

6942—Knives (Candy)

Collins Co., Collinsville, Conn.

Disston Henry & Sons (Inc.), Tacony, Phila., Pa.

6943—Knives (Cane, Machettas, Etc.)

Atkins E. C. & Co. (Hand), Indianapolis, Ind.

Bishop Geo. H. & Co., Lawrenceburg, Ind.

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

Collins Co. (Hand), Collinsville, Conn.

Disston Henry & Sons, Inc., Tacony, Phila., Pa.

Ross E. W. Co. (Hand), Springfield, O.

Simonds Mfg. Co. (Cane), Fitchburg, Mass.

See adv index at end of book

6944—Knives (Carpet)

Harrington T. J., Southbridge, Mass.

Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

Osborne C. S. & Co., Harrison, N. J.

6945—Knives (Carving)

American Cutlery Co., 764 Mather, Chicago, Ill.

Boker H. & Co. ("Tree Brand" Imported), 101 Duane, New York

Buffalo Knife Co., Buffalo, N. Y.

Chatillon Jno. & Sons, 85 Cliff, New York

Christy Knife Co., Fremont, O.

Clauss Shear Co., Fremont, O.

Crescent Mfg. Co., Fremont, O.

Goodell Co., Antrim, N. H.

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Graef & Schmidt ("Twin Brand" Imported), 107 Chambers, New York
 Knickerbocker Mfg. Co., Belleville, N. J.
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
 Landers, Frary & Clark ("Universal"), New Britain, Conn.
 Meriden Cutlery Co. ("Anvil Brand"), Meriden, Conn.
 NICHOLS BROS., Greenfield, Mass.
 Russell John Cutlery Co., Turners Falls, Mass.
 Silver Plate Cutlery Co., Shelton, Conn.
 Wallace R. & Sons Mfg. Co., Wallingford, Conn.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
 White Ira F. & Son Co., Bloomfield, N. J.

6946— *Knives (Celluloid)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6947—Knives (Chair Bottom)

Anderson Knife & Bar Co., Anderson, Ind.
 Dowd R. J. Knife Works, Beloit, Wis.
 Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book

6948— Knives (Chamfer)

Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Oram John S. Co., Cleveland, O.
 White L. & I. J. Co. (Right & Left & Beer Keg, etc), 120 Columbia, Buffalo, N. Y.

6949— Knives (Cheese)

American Cutlery Co., 764 Mather, Chicago, Ill.
 COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 Enterprise Mfg. Co. of Pa. (Self-Gauging), 3d & Dauphin, Phila., Pa.
 Goodell Co., Antrim, N. H.
 Harrington Cutlery Co. (For Family Use), Southbridge, Mass.
 Herschel R. Mfg. Co., Peoria, Ill.
 Landers, Frary & Clark, New Britain, Conn.
 Meriden Cutlery Co., Meriden, Conn.
 NICHOLS BROS., Greenfield, Mass.
 Russell John Cutlery Co., Turners Falls, Mass.

6950— Knives (Chipper)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Dowd R. J. Knife Works, Beloit, Wis.
 Mitts & Merrill, 1939 S Water, Saginaw, Mich.
 Simonds A. A. & Son Co., Dayton, O.
 SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6951— Knives (Chipping)

Anderson Knife & Bar Co., Anderson, Ind.
 Johnson Wm. (Hedensberg Works), Newark, N. J.

6952— Knives (Chopping)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Cassady Fairbank Mfg. Co. ("Double Blade," etc.), 6126 S La Salle, Chicago, Ill.
 Dover Stamping & Mfg. Co. (For Family Use), Cambridge, Mass.
 Emrich Phil (Armhole, Cloth & Cloak), 824 Main, Cincinnati, O.
 Hutchins-Kilbourne Co. (Circular, Rubberoid Handle), Buffalo, N. Y.
 Richard Stephen Co. (Meat), Southbridge, Mass.
 Thayer Mfg. Co., Williamsburg, Mass.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6953— Knives (Cigar)

American Cutlery Co., 764 Mather, Chicago, Ill.
 Disston Hy. & Sons, Tacony, Phila., Pa.
 Emrich Phil., 824 Main, Cincinnati, Ohio
 Harrington T. J. ("Dexter"), Southbridge, Mass.
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
 Miller, Du Brul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
 National Mfg. & Steel Supply Co. ("Richardson Bros."), 15 River, Newark, N. J.
 Osborne C. S. & Co., Harrison, N. J.
 Parkhurst L. D., Danielson, Conn.
 Richard Stephen Co. ("S. R."), Southbridge, Mass.
 Russell John Cutlery Co., Turners Falls, Mass.
 Tucke Mfg. Co., Brockton, Mass.

6954— Knives (Circular)

Disston Henry & Sons, Inc., (For Cork, Cloth, Leather & Paper), Tacony, Phila., Pa.
 Huther Bros. Saw Mfg. Co. (For Cork, Cloth, Leather & Paper), Rochester, N. Y.
 Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book
 Trethewey Sam'l & Co. (Ltd.), 57th st, Pittsburgh, Pa.

Knives (Clam)

See Knives, Oyster & Clam

6955—Knives (Cloth Cutting)

Emrich Phil ("Emrich" Sheffield Silver Steel), 824 Main, Cincinnati, O.

6956—*Knives (Clothes Pin)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6957—*Knives (Clover Huller)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6958— Knives (Cooperage)

See also Knives, Drawing

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Simonds A. A. & Son Co., Dayton, O.
 SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

6959— Knives (Cope Cutter)

COES LORING & CO. (INC.), ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Dowd R. J. Knife Works, Beloit, Wis.
 Simonds A. A. & Son Co., Dayton, O.
 SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6960—*Knives (Cord Wood Splitter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6961— Knives (Coring)

Ontario Knife Co. ("California"), Franklinville, N. Y.

6962— Knives (Cork)

Atkins E. C. & Co., Indianapolis, Ind.
 COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 Disston Henry & Sons, Inc. (Circular), Tacony, Phila., Pa.
 Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
 Parkhurst L. D., Danielson, Conn.

Knives (Corn Cutter)

See Knives, Hay & Corn Cutter

6963—Knives (Corn Harvester)

American Knife Co., Baldwinsville, N. Y.
 Anderson Knife & Bar Co., Anderson, Ind.
 Atkins E. C. & Co., Indianapolis, Ind.
 Bishop Geo. H. & Co., Lawrenceburg, Ind.
 COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 Disston Henry & Sons, Inc., Tacony, Phila., Pa.
 Henry & Allen, Auburn, N. Y.
 Herschel R. Mfg. Co., Peoria, Ill.
 North Wayne Tool Co. ("H. S. Earle's"), Hallowell, Me.
 Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6964—Knives (Cotton Seed Huller)

American Knife Co., Baldwinsville, N. Y.
 COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
 French Oil Mill Machinery Co., Piqua, O.

6965—*Knives (Cotton Shear)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

6966— Knives (Curd)

Burrell D. H. & Co., Little Falls, N. Y.

6966a— *Knives (Cuticle)

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 Broadway, New York

6967—Knives (Cylinder Huller)

French Oil Mill Machinery Co. ("Faherty," for Cottonseed Oil Mills, etc), Piqua, O.

6968— Knives (Dehorer)

American Knife Co., Baldwinsville, N. Y.
 Phillips M. T. ("Keystone"), Pomeroy, Pa.
 Ridgely Trimmer Co., Springfield, O.

6969— Knives (Dirk)

Dilts Machine Works (Inc.), Fulton, N. Y.
 Novelty Cutlery Co., Canton, O.

6970—*Knives (Double Edge)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6971— *Knives (Dowel)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6972— Knives (Drawing)

Black John B. Co., Chester, Pa.
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.
 Buck Bros., Millbury, Mass.
 Disston Hy. & Sons (Carpenters, etc), Tacony, Phila., Pa.
 Greenlee Bros. & Co. ("Reliance"), Rockford, Ill.
 Jennings C. E. & Co. ("C. E. J. & Co.'s" "J. & G. Mfg. Co."), 71 Murray, New York
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.

Ohio Tool Co., Charleston, W. Va.
Oshkosh Mfg. Co., Oshkosh, Wis.
Peck, Stow & Wilcox Co., Southington, Conn.
S. & I. Co. (Razor, Blade & Folding Handle), Springfield, Mass.
Smith H. D. & Co. ("Perfect Handle"), Plantsville, Conn.
Swan Jas. Co. ("Bradley" Pattern, "Swan" Folding Handle, etc.), Seymour, Conn.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Wilkinson A. J. & Co. (Folding), 184 Washington, Boston, Mass.
Winsted Edge Tool Works ("T. H. Withersby"), Winsted, Conn.

6973—Knives (Electricians' or Linemen's)

Barr Bros. Co., (Insulated Handle, Hand Made), Oakland, Cal.

6974—Knives (Ensilage)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.

6975—Knives (Excelsior)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Ohio Knife Co., Cincinnati, Ohio
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6976—Knives (Farriers')

Bagshaw & Field, 445 N 5th, Phila., Pa.
Bicknell Mfg. & Supply Co., Janesville, Wis.
Challenge Cutlery Corp., Bridgeport, Conn.
Champion Tool Co. ("Keystone"), Meadville, Pa.
Heller Bros. Co. (Hoof), 879 Mt. Prospect av, Newark, N. J.
Pope T. J. ("Pope's"), Sauquoit, N. Y.
Woodworth Knife Works, Nunda, N. Y.

6977—Knives (Feather Curling)

Harrington Cutlery Co., Southbridge, Mass.
Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.

6978—Knives (Fruit)

Goodell Co., Antrim, N. H.
Meriden Cutlery Co. (Grape Fruit), Meriden, Conn.

6979—Knives (Fur Cutter)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Emrich Phil., 824 Main, Cincinnati, O.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Simonds Mfg. Co., Fitchburg, Mass.
See adv index at end of book

6980—Knives (Gauge Lathe)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6981—Knives (Grape Pruner)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

6982—*Knives (Handle)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

6983—Knives (Harness Makers')

Osborne C. S. & Co., Harrison, N. J.
Rose Wm. & Bros., Sharon Hill, Pa.

6984—Knives (Hay)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dunn Edge Tool Co. ("Holts' Lightning," "Blizzard"), Oakland, Me.
Ely T. J. Mfg. Co. ("Ely's Dandy"), Erie, Pa.
Erie City Mfg. Co. ("Arrow"), Erie, Pa.
Iwan Bros. ("Iwan's," Sickle & Serrated Waving Edge), South Bend, Ind.
Kohler F. E. Co. ("America"), Canton, O.
North Wayne Tool Co., Hallowell, Me.
Swineford G. A. Co. ("Heath," "Adjustable," "Canton Sickle Edge"), Canton, O.
Wallingford Mfg. Co. ("Lightning" Pattern, "Heath" Pattern), Wallingford, Vt.
Winsted Mfg. Co. (Hand), Winsted, Conn.

6985—Knives (Hay & Corn Cutter)

American Axe & Tool Co., Glassport, Pa.
American Knife Co., Baldwinsville, N. Y.
Bateman Mfg. Co. ("The Eureka"), Grenloch, N. J.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Hankey A. & Co., Rochdale, Mass.
Henry & Allen, Auburn, N. Y.
Ney Mfg. Co. ("American" Sickle Edge), Canton, O.
North Wayne Tool Co. ("C. C. Brooks" & "H. S. Earle's"), Hallowell, Me.
Ontario Knife Co., Franklinville, N. Y.
Wadsworth David & Son, Auburn, N. Y.
Wallingford Mfg. Co. ("Western King," "Keystone," "Daisy Clipper"), Wallingford, Vt.
Winsted Mfg. Co., Winsted, Conn.

6986—*Knives (Header)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

6987—Knives (Hedge & Root)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.
Clyde Cutlery Co., Clyde, O.
Disston Henry & Sons ("Champion"), Tacony, Phila., Pa.
Evansville Tool Works (Axle Handle), Evansville, Ind.
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

6988—*Knives (High Speed Steel)

SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

6989—Knives (Hog)

Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works, Fulton, N. Y.
Mitts & Merrill ("M. & M."), 1939 S Water, Saginaw, Mich.

6990—Knives (Hoop)

Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works, Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbus, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

6991-2—*Knives (Hoop Machine)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

Knives (Jointer)

See Knives, Wood Working Machine

6993—Knives (Kitchen, Paring, Etc.)

American Cutlery Co. ("Famous," etc), 764 Mather, Chicago, Ill.
Barr Bros. Co. (Hand Made), Oakland, Cal.
Benedict Mfg. Co., East Syracuse, N. Y.
Boker H. & Co. ("Gifford's" Razor Blade, Paring & Slicing), 101 Duane, New York
Browne W. G. Mfg. Co. ("Acme" "Elite"), Kingston, N. Y.
Browne & Dowd Mfg. Co. ("B. & D. Co."), Meriden, Conn.
Buffalo Knife Co., Buffalo, N. Y.
Cassady Fairbank Mfg. Co. ("Lincoln"), 6126 S La Salle, Chicago, Ill.
Cattaraugus Cutlery Co., Little Valley, N. Y.
Chatillon Jno. & Sons, 85 Cliff, New York
Christy Knife Co. ("Christy," "Eclipse"), Fremont, O.
Clyde Cutlery Co., Clyde, O.
Crescent Mfg. Co., Fremont, O.
Divine Dwight & Sons ("Ulster"), Ellenville, N. Y.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Dunlap C. W. Hardware Co., 108 Chambers, New York
Dunlap J. S., 334 S Clinton, Chicago, Ill.
Emrich Phil., 824 Main, Cincinnati, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Gibford Weiffenbach Co. ("Razor Blade"), Adrian, Mich.
Goodell Co. (Paring), Antrim, N. H.
Graef & Schmidt ("Twin" Brand, Imported), 107 Chambers, New York
Hamblin & Russell Mfg. Co., Worcester, Mass.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Jackson Shear & Razor Co., Fremont, O.
Knickerbocker Mfg. Co., Belleville, N. J.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Lothrop H. A. & Co., Sharon, Mass.
Meriden Cutlery Co. ("Anvil"), Meriden, Conn.
Murphy's Robt. Sons Co. ("R. Murphy's"), Ayer, Mass.
NICHOLS BROS., Greenfield, Mass.
Northampton Cutlery Co., Northampton, Mass.
Ontario Knife Co., Franklinville, N. Y.
Parkhurst L. D. ("Own Brand," "L. D. P."), Danielson, Conn.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell Jno. Cutlery Co., Turners Falls, Mass.
Teller R. K., Unadilla, N. Y.
Tie Co. ("Teller"), Unadilla, N. Y.
Tucke Mfg. Co., Brockton, Mass.
Wallace R. & Sons Mfg. Co., Wallingford, Conn.
Washington Cutlery Co. ("Village Blacksmith," "Blitz"), Watertown, Wis.
White Ira F. & Son Co. (Also Slotted), Bloomfield, N. J.

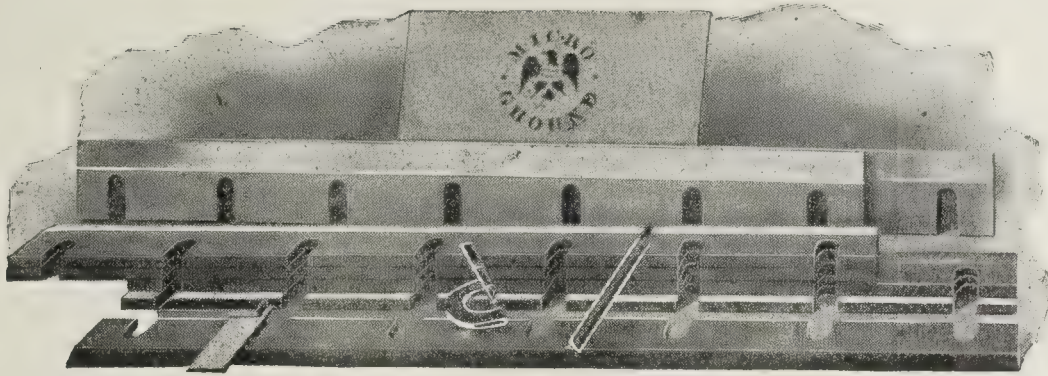
6994—Knives (Lawn Mower)

Anderson Knife & Bar Co., Anderson, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Hardy L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.

6995—Knives (Leather Splitting)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Emrich Phil., 824 Main, Cincinnati, O.
Hankey A. & Co., Rochdale, Mass.
Isele A. W. & Son, 51 Pitt, Boston, Mass.
Lovejoy D. & Son, Lowell, Mass.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

ESTABLISHED 1830



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NEW YORK OFFICE
PRINTING CRAFTS BLDG., 461-475 8TH AVE.

Worcester, Mass., U. S. A.

6996—*Knives (Linotype)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

See adv index at end of book

SIMONDS MFG. CO., Fitchburg, Mass.

See adv index at end of book

6997—Knives (Listing Jointer)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

6998—Knives (Lithograph Stone)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

Dowd R. J. Knife Works, Beloit, Wis.

6999—*Knives (Logwood)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

7000—*Knives (Loom, Axminster)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

See adv index at end of book

7001—*Knives (Loom, Carpet)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

See adv index at end of book

7002-3—Knives (Machine)

American Knife Co., Baldwinville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Bailey & Blendinger Mfg. Co., Woburn, Mass.

California Saw Works, 721 Brannan, San Francisco, Cal.

Chatillon Jno. & Sons, 85 Cliff, New York
Chattanooga Saw Works, Chattanooga, Tenn.

Chicago Knife Works, 228 S Clinton, Chicago, Ill.

Cleveland Knife & Forge Co., Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

See adv index at end of book

Curtis Mfg. Co., St. Louis, Mo.

Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.

Dilts Machine Works (Inc.), Fulton, N. Y.

Disston Henry & Sons, Tacony, Phila., Pa.

Dowd R. J. Knife Works, Beloit, Wis.

Eagle Knife & Bar Co., Lawrence, Mass.

Foster Bros. & Chatillon Co., Fulton, N. Y.

Foucalt J. E., Williamsport, Pa.

Gage E. E. Mfg. Co., Gardner, Mass.

Goes Oscar & Co., 1822 W Lake, Chicago, Ill.

Grammes L. F. & Sons, Allentown, Pa.

Gustafson & Scott Mfg. Co., 4325 Wabansia av, Chicago, Ill.

Hankey A. & Co., Rochdale, Mass.

Hardisty & Co., Garland, Linwood, Cincinnati, O.

Hardy L. Co., Worcester, Mass.

Henry & Allen, Auburn, N. Y.

Heppenstall Forge & Knife Co., 47th & Hatfield, Pittsburgh, Pa.

Holyoke Bar Co., Holyoke, Mass.

Horne J. H. & Sons Co. (Planing, etc), Lawrence, Mass.

Kaiser F. C. & Son, Muncie, Ind.

Kentucky Saw Works, Lainsville, Ky.

Lancaster Machine & Knife Works, Lancaster, N. Y.

Lovejoy D. & Son, Lowell, Mass.

Loyd John Co., 558 Water, New York

Mack & Co. ("D. R. Barton"), Rochester, N. Y.

Mitts & Merrill, 1339 S Water, Saginaw, Mich.

Moss Arthur J., 178 Centre, New York

Munson Co., Grand Rapids, Mich.

Ohio Knife Co., Cincinnati, O.

Ohio Tool Co., Charlestown, W. Va.

Oldham Joshua & Sons, 114 26th, Brooklyn, N. Y.

Penfield Saw Works, Bristol, Conn.

Phillips F. R. & Sons Co., Penna. bldg, Phila., Pa.

Russell John B. Knife Works, Naponoch, N. Y.

Sandusky Tool Co. (Planer, etc), Sandusky, O.

Simonds A. A. & Son Co., Dayton, O.

SIMONDS MFG. CO., Fitchburg, Mass.

See adv index at end of book

Snell & Atherton, Brockton, Mass.

Southern Saw & Machy. Wks., Atlanta, Ga.

Taylor, Stiles & Co., Riegelsville, N. J.

Thomson W. S., 418 W 27th, New York

Toland & Son, Front & Low, Baltimore, Md.

Toledo Saw & Supply Co., Toledo, O.

Wapakoneta Machine Co., Wapakoneta, O.

Webb-Baxter Co., Anderson, Ind.

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Worden Tool Co., 1854 Scranton rd, Cleveland, O.

Knives (Machine, Wood Cutting)

See Knives, Wood Working Machine

Knives (Matcher)

See Knives, Wood Working Machine

7004—*Knives (Meat Slicer)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

7005—*Knives (Metal Shear)

BLISS E. W. Co., 19 Adams, Brooklyn, New York *See adv index at end of book*

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.

See adv index at end of book

HILLES & JONES CO., East Wilmington, Del.

See adv index at end of book

7006—Knives (Mincing)

Arcade Mfg. Co., Freeport, Ill.
Atkins E. C. & Co., Indianapolis, Ind.

Bishop Geo. H. & Co., Lawrenceburg, Ind.

Bcker H. & Co. (Imported), 101 Duane, New York

Browne & Dowd Mfg. Co. ("B & D Co."), Meriden, Conn.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.
 Clauss Shear Co., Fremont, O.
 Dunlap C. W. Hardware Co., 108 Chambers, New York
 Fischer Bros. & Corwin, 238 South, Newark, N. J.
 Forsyth Metal Goods Co., E. Aurora, New York
 Grey Iron Casting Co., Mt. Joy, Pa.
 Hutchins-Kilbourne Co. ("Gem," "Eclipse," "Favorite" Steel), Buffalo, N. Y.
 Knickerbocker Mfg. Co., Belleville, N. J.
 Kohler F. E. Co. (Chopping), Canton, O.
 Landers, Frary & Clark, New Britain, Conn.
 Parks & Parks, Troy, N. Y.
 Potter Mfg. Co. ("Potter"), Geneva, O.
 Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.
 Udell Works ("Clauss"), Indianapolis, Ind.

7007—Knives (Mitre)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Dowd R. J. Knife Works, Beloit, Wis.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book

Knives (Moulding Machine)

See Knives, Wood Working Machine

7008—Knives (Mower & Reaper)

Henry & Allen, Auburn, N. Y.
 Herschel R. Mfg. Co., Peoria, Ill.
 Hoppen J. E. & Sons, 75 Main, Belleville, N. J.
 Mason F. C. & Co., St. Johns, Mich.
 Whitaker Mfg. Co., 409 S Green, Chicago, Ill.
 Whitman & Barnes Mfg. Co., Akron, O.
See adv index at end of book
 Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

7009—Knives (Oil Cloth)

American Cutlery Co., 764 Mather, Chicago, Ill.
 Braunsdorf-Mueller Co., Elizabeth, N. J.
 Disston Hy. & Sons, Tacony, Phila., Pa.
 Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
 Judson Cutlery Co., 41 Union sq, New York
 Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Kimball C. J. Co., Bennington, N. H.
 Osborne C. S. & Co., Harrison, N. J.
 Parkhurst L. D., Danielson, Conn.
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.
 Tucke Mfg. Co., Brockton, Mass.

7010—*Knives (Overlay)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7011—Knives (Oyster & Clam)

Allen D. S., Port Lavaca, Tex.
 Bagshaw & Field, 445 N 5th, Phila., Pa.
 Bannister A. F. & Co., Newark, N. J.
 Carver Tool Works (Carver's), Spring Valley, N. Y.
 Clyde Cutlery Co., Clyde, Ohio
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.
 Dunlap J. S., 334 S Clinton, Chicago, Ill.
 Eagle Tool Works, Bayonne, N. J.
 Emrich Phil. (N. Y. Style), 824 Main, Cincinnati, O.
 Foster Bros. & Chatillon Co., Fulton, N. Y.
 Harrington T. J. ("Dexter"), Southbridge, Mass.
 Johnson Wm., Newark, N. J.
 Landers, Frary & Clark, New Britain, Conn.
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
 Murphy's R. Sons Co. ("R. Murphy's"), Ayer, Mass.
 Ontario Knife Co., Franklinville, N. Y.

Osborne C. S. & Co., Harrison, N. J.
 Parkhurst L. D., Danielson, Conn.
 Richard Stephen Co. ("S. R."), Southbridge, Mass.
 Russell John Cutlery Co., Turners Falls, Mass.
 Stortz John & Son, 210 Vine, Phila., Pa.
 Thayer Mfg. Co., Williamsburg, Mass.
 Tucke Mfg. Co., Brockton, Mass.
 Vaughan & Bushnell ("V. & B."), 2114 Carroll av, Chicago, Ill.

7012—Knives (Painters')

Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.
 Landers, Frary & Clark, ("Universal"), New Britain, Conn.
 Ridgely Trimmer Co., Springfield, O.
 Russell John Cutlery Co. (Palette, Hack-ing, Gilding, etc.), Turners Falls, Mass.

7013—*Knives (Panel Raising)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7014—Knives (Paper)

Atkins E. C. & Co., Indianapolis, Ind.
 Cleveland Knife & Forge Co., Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Disston Hy. & Sons, Tacony, Phila., Pa.
 Foster Bros. & Chatillon Co., Fulton, N. Y.
 Hardy Wallace L. (Rotary), Joliet, Ill.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Parkhurst L. D., Danielson, Conn.
 Russell John Cutlery Co. (Green River Works), Turners Falls, Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Tiley, Pratt Co., Essex, Conn.

7015—*Knives (Paper Box Machine)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7016—Knives (Paper Cutter)

American Knife Co., Baldwinville, N. Y.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Dowd R. J. Knife Works, Beloit, Wis.
 Grammes L. F. & Sons, Allentown, Pa.
 Hankey A. & Co., Rochdale, Mass.
 Lancaster Mach. & Knife Works, Lancaster, N. Y.
 Ohio Knife Co. (The), Cincinnati, O.
 Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Taylor, Stiles & Co., Riegelsville, N. J.
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
 Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7017—Knives (Paper Hangers')

American Cutlery Co., 764 Mather, Chicago, Ill.
 Clyde Cutlery Co., Clyde, O.
 Harrington T. J. ("Dexter"), Southbridge, Mass.
 Landers, Frary & Clark, New Britain, Conn.
 Murphy's Robt. Sons Co. ("R. Murphy's"), Ayer, Mass.
 Northampton Cutlery Co., Northampton, Mass.
 Osborne C. S. & Co., Harrison, N. J.
 Richard Stephen Co. ("S. R."), Southbridge, Mass.
 Ridgely, Trimmer Co., Springfield, O.
 Stortz Jno. & Son, 210 Vine, Phila., Pa.
 Tucke Mfg. Co., Brockton, Mass.

Knives (Paring)

See Knives, Kitchen, Paring, etc.

7018—Knives (Planing Machine)

American Knife Co., Baldwinville, N. Y.
 Anderson Knife & Bar Co., Anderson, Ind.
 Atkins E. C. & Co., Indianapolis, Ind.
 Chattanooga Saw Works, Chattanooga, Tenn.
 Chicago Knife Works, 228 S Clinton, Chicago, Ill.
 Cleveland Knife & Forge Co., Cleveland, O.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
 Curtis & Co. Mfg. Co. ("Empire"), 1571 Kienlen av, St. Louis, Mo.
 Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Disston Henry & Sons (Inc.), Tacony, Phila., Pa.
 Dowd R. J. Knife Works, Beloit, Wis.
 Gage E. E. Mfg. Co., Gardner, Mass.
 Grammes L. F. & Sons, Allentown, Pa.
 Hankey A. & Co. (Thin, High-Speed Steel), Rochdale, Mass.
 Hardisty & Co., Garland, Linwood, Cincinnati, O.
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.
 Lancaster Machine & Knife Works, Lancaster, N. Y.
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.
 Ohio Knife Co., Cincinnati, O.
 Sandusky Tool Co., Sandusky, O.
 Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Taylor, Stiles & Co., Riegelsville, N. J.
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
 Wolverine Saw Co., Detroit, Mich.
 Worden Tool Co., 1854 Scranton road, Cleveland, O.

7019—*Knives (Plush)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7020—Knives (Pocket)

Aerial Cutlery Mfg. Co., Marinette, Wis.
 Bannister A. F. & Co., 56 Summer av, Newark, N. J.
 Boker H. & Co., 101 Duane, New York
 Canton Cutlery Co., Canton, O.
 Cattaraugus Cutlery Co., Little Valley, N. Y.
 Challenge Cutlery Corp., Bridgeport, Conn.
 Chatillon Jno. & Sons, 85 Cliff, New York
 Clark Bros. Cutlery Co., Kansas City, Mo.
 Divine Dwight & Son, Ellenville, N. Y.
 Dolphin Cutlery Co., 366 B'way, New York
 Dunn & Rodenberg (Gold Filled), Baker, Providence, R. I.
 Empire Knife Co., Winsted, Conn.
 Foster Bros. & Chatillon Co., Fulton, N. Y.
 Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York
 Holley Mfg. Co., Lakeville, Conn.
 Humason & Beckley Mfg. Co. ("H. B."), New Britain, Conn.
 Klaas Max ("Crane Brand" Imported), 298 B'way, New York
 Koch F. A. & Co., 524 B'way, New York
 Landers, Frary & Clark ("Universal"), New Britain, Conn.
 Marble Arms & Mfg. Co., Gladstone, Mich.
 Miller Bros. Cutlery Co., Meriden, Conn.
 Napanoch Knife Co., Napanoch, N. Y.
 N. Y. Knife Co., 225 5th av, New York
 Northfield Knife Co., Northfield, Conn.
 Novelty Cutlery Co., Canton, O.
 Robeston Cutlery Co., Rochester, N. Y.
 Russell John Cutlery Co., Turners Falls, Mass.
 Schatt & Morgan Cutlery Co., Titusville, Pa.
 Schrade Cutlery Co., Walden, N. Y.
 Silberstein A. L. ("Griffon" Imp.), 74 5th av, New York
 Simmons Hardware Co. ("Keen Kutter"), 9th & Spruce, St. Louis, Mo.
 Sperry & Alexander Co., 79 Chambers, New York
 Thomaston Knife Co. (Combination), Thomaston, Conn.
 Utica Cutlery Co., Utica, N. Y.
 Valley Forge Cutlery Co., Newark, N. J.
 Walden Knife Co., Walden, N. Y.
 Wostenholm Geo. & Son ("I. X. L" Imp.), 105 Chambers, New York

7021— Knives (Pruning)

Barr Bros. Co., Oakland, Cal.
 Cattaraugus Cutlery Co. ("Cattaraugus"),
 Little Valley, N. Y.
 Harrington Cutlery Co., Southbridge, Mass.
 Henry John T. Mfg. Co., Hamden, Conn.
 Holley Mfg. Co., Lakeville, Conn.
 Osborne C. S. & Co., Harrison, N. J.
 Sayre L. A. Co., 332 Mulberry, Newark,
 N. J.
 Tucke Mfg. Co., Brockton, Mass.

7022— Knives (Pug Mill)

Alloy Steel Forging Co., Carnegie, Pa.
 American Manganese Steel Co. ("Amsco" &
 "Stag" Brand Manganese Steel), 332 S
 Michigan av, Chicago, Ill.
 United Iron Works Co., Springfield, Mo.

7023— Knives (Putty)

American Cutlery Co., 764 Mather, Chicago,
 Ill.
 Bridgeport Hardware Mfg. Corp. ("Bridge-
 port"), Bridgeport, Conn.
 Browne & Dowd Mfg. Co. ("B. & D. Co."),
 Meriden, Conn.
 Buffum Tool Co. ("Swastika"), South Side,
 Louisiana, Mo.
 Fletcher, Terry Co., Forestville, Conn.
 Goodell Co., Antrim, N. H.
 Harrington Cutlery Co. ("Dexter"), South-
 bridge, Mass.
 Knickerbocker Mfg. Co., Belleville, N. J.
 Lamson & Goodnow Mfg. Co., Shelburne
 Falls, Mass.
 Landers, Frary & Clark ("Universal"),
 New Britain, Conn.
 Meriden Cutlery Co., Meriden, Conn.
 Northampton Cutlery Co., Northampton,
 Mass.
 Ontario Knife Co., Franklinville, N. Y.
 Parkhurst L. D., Danielson, Conn.
 Richard Stephen Co. ("S. R."), South-
 bridge, Mass.
 Ridgely, Trimmer Co., Springfield, O.
 Russell John Cutlery Co., Turners Falls,
 Mass.
SMITH & HEMENWAY CO., 76 Cham-
 bers, New York
See adv index at end of book
 White Ira F. & Son Co., Bloomfield, N. J.

7024— Knives (Rag Cutter)

American Knife Co., Baldwinsville, N. Y.
 Anderson Knife & Bar Co., Anderson, Ind.
COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge &
 McDougall, Detroit, Mich.
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Dowd R. J. Knife Works, Beloit, Wis.
 Dunn Edge Tool Co. ("Clipper"), Oakland,
 Me.
 Hankey A. & Co., Rochdale, Mass.
 Holyoke Bar Co., Holyoke, Mass.
 Ohio Knife Co. (The), Cincinnati, O.
 Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Taylor, Stiles & Co., Riegelsville, N. J.
 Worden Tool Co., 1854 Scranton rd, Clevel-
 and, O.

7025— *Knives (Rand)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

7026— Knives (Rattan)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book
 Taylor, Stiles & Co., Riegelsville, N. J.

7027— Knives (Ripping)

Harding Mfg. Co. ("Itsa," "Blue Line"),
 Mansfield, Mass.

7028— Knives (Roll Scraper)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book
 Detroit Edge Tool Works, Woodbridge &
 McDougall, Detroit, Mich.
 Turner Tanning Machinery Co., Peabody,
 Mass.

Knives (Root)

See Knives, Hedge & Root

7029— Knives (Rotary)

Trethewey, Sam'l & Co., (Ltd.) (Solid
 Steel), 57th st, Pittsburgh, Pa.

7030— Knives (Rubber)

American Cutlery Co., 764 Mather, Chi-
 cago, Ill.
 Disston Hy. & Sons, Tacony, Phila., Pa.
 Hyde Mfg. Co., Southbridge, Mass.
 Lamson & Goodnow Mfg. Co., Shelburne
 Falls, Mass.
 Murphy's R. Sons Co. ("R. Murphy's"),
 Ayer, Mass.
 Parkhurst L. D., Danielson, Conn.
 Richard Stephen Co. ("S. R."), South-
 bridge, Mass.
 Tucke Mfg. Co. (For Heavy Electrical Rub-
 ber Goods), Brockton, Mass.

7031— Knives (Salmon)

Barr Bros. Co. (Hand Made), Oakland, Cal.

7032— Knives (Sardine)

International Silver Co., Meriden, Conn.
 Osborne C. S. & Co., Harrison, N. J.

7033— Knives (Scallop)

Graef & Schmidt (Imported), 107 Cham-
 bers, New York
 Knowlton M. D. Co., 26 Elizabeth, Roches-
 ter, N. Y.

7034— Knives (Scarfer)

COES LORING & CO. (INC.) ("Micro-
 Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7035— Knives (Scraper)

American Cutlery Co., 764 Mather, Chi-
 cago, Ill.
 American Knife Co., Baldwinsville, N. Y.
 Buffum Tool Co. ("Swastika"), South Side,
 Louisiana, Mo.
 Knickerbocker Mfg. Co., Belleville, N. J.
 Landers, Frary & Clark, New Britain,
 Conn.
 Northampton Cutlery Co., Northampton,
 Mass.
 Russell John Cutlery Co., Turners Falls,
 Mass.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
7036—Knives (Shear Cutter)
 American Knife Co., Baldwinsville, N. Y.
 Hankey A. & Co., Rochdale, Mass.
 Pittsburgh Knife & Forge Co., 709 Bel-
 mont, Pittsburgh, Pa.
 Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
 Tinker F & Sons Co., 5687 Butler, Pitts-
 burgh, Pa.
 White L. & I. J. Co., 120 Columbia, Buf-
 falo, N. Y.

7037— Knives (Shingle)

Atkins E. C. & Co., Indianapolis, Ind.
 Barnett Oscar Foundry Co., Irvington,
 N. J.

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

Dilts Machine Works (Inc.), Fulton, N. Y.
 Mack & Co. ("D. R. Barton"), Rochester,
 N. Y.

Ohio Tool Co., Charleston, W. Va.
 Simonds A. A. & Son Co., Dayton, O.
 Taylor, Stiles & Co., Riegelsville, N. J.
 White L. & I. J. Co., 120 Columbia, Buf-
 falo, N. Y.

7038— Knives (Shoe)

American Cutlery Co., 764 Mather, Chi-
 cago, Ill.
 Bailey G. W. Co. (Amazeen), Brockton,
 Mass.
 Brooks John Co. (Amazeen), Brockton,
 Mass.
 Christensen H. M. Co., Brockton, Mass.
 Emrich Phil., 824 Main, Cincinnati, O.
 Harrington Cutlery Co. ("Dexter"),
 Southbridge, Mass.
 Hyde Mfg. Co., Southbridge, Mass.
 Landers, Frary & Clark, New Britain,
 Conn.
 Lothrop H. A. & Co. ("J. Ames," "J.
 Sanger"), Sharon, Mass.

Meriden Cutlery Co., Meriden, Conn.
 Murphy's R. Sons Co. ("R. Murphy's"),
 Ayer, Mass.

Ontario Knife Co., Franklinville, N. Y.
 Richard Stephen Co. ("S. R."), South-
 bridge, Mass.

Snell & Atherton, Brockton, Mass.
 Standard Shoe Machinery Co., Lawrence,
 Mass.

Tucke Mfg. Co. ("S. V. Tuck," "T. M.
 Co." "Black Diamond"), Brockton,
 Mass.

United Shoe Machinery Co., 205 Lincoln,
 Boston, Mass.

White Ira F. & Son Co., Bloomfield, N. J.

7039— Knives (Shredder)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

Henry & Allen, Auburn, N. Y.
 Mitts & Merrill, Saginaw, Mich.

7040— Knives (Skiver)

Brooks John Co., Brockton, Mass.
COES LORING & CO. (INC.) ("Micro-
 Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
 Perkins Chas. P., Brockton, Mass.

7041—*Knives (Slaw & Vegetable)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

7042—Knives (Solid Steel Shear)

Heppenstall Forge & Knife Co., 47th &
 Hatfield, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Bel-
 mont, Pittsburgh, Pa.
 Trethewey Sam'l & Co. (Ltd.), 57th st,
 Pittsburgh, Pa.

**7043—*Knives (Spiral, Of All
Classes)**

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

7044—*Knives (Spiral Tenon)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

7045— *Knives (Splitter)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

7046— Knives (Spoke Lathe)

Atkins E. C. & Co., Indianapolis, Ind.
COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.

See adv index at end of book
 Dilts Machine Works (Inc.), Fulton, N. Y.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Dowd R. J. Knife Works, Beloit, Wis.
 Hankey A. & Co., Rochdale, Mass.
 Sandusky Tool Co., Sandusky, O.
 Simonds A. A. & Son Co., Dayton, O.

Knives (Sportsmen's)

See Knives & Dirks, Hunting

7047— Knives (Stave Cutter)

American Knife Co., Baldwinsville, N. Y.
 Anderson Knife & Bar Co., Anderson,
 Ind.

Atkins E. C. & Co., Indianapolis, Ind.
COES LORING & CO. (INC.) ("Micro-
 Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

Dilts Machine Works (Inc.), Fulton, N. Y.
 Disston Henry & Sons, Tacony, Phila., Pa.
 Dowd R. J. Knife Works, Beloit, Wis.
 Simonds A. A. & Son Co., Dayton, O.
 White L. & I. J. Co., 120 Columbia, Buf-
 falo, N. Y.
 Worden Tool Co., 1854 Scranton rd, Clevel-
 and, O.

7048— *Knives (Stereotype)

COES LORING & CO. (INC.), Coes sq,
 Worcester, Mass.
See adv index at end of book

7049—Knives (Stop Cutter)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Taylor, Stiles & Co., Riegelsville, N. J.

Knives (Straw Cutter)

See Knives, Hay & Corn Cutter

7050-1—Knives (Striking)

American Clay Machinery Co., S Walnut, Bucyrus, O.
Atkins E. C. & Co., Indianapolis, Ind.

Knives (Table, Silver Plated)

See Silverware, Table

7052—*Knives (Tack Machine)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book

7053—Knives (Tanners' Skiving)

COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Foster Bros & Chatillon Co., Fulton, N. Y.
Richard Stephen Co. ("S. R."), Southbridge, Mass.

7054—*Knives (Textile Shear)

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book

7055—Knives (Tobacco)

American Cutlery Co., 764 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Clyde Cutlery Co. (Beech Handle), Clyde, Ohio
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dowd R. J. Knife Works, Beloit, Wis.
Hankey A. & Co., Rochdale, Mass.
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Landers, Frary & Clark (Hand), New Britain, Conn.
NICHOLS BROS., Greenfield, Mass.
Northampton Cutlery Co. (Hand), Northampton, Mass.
Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.
Russell Jno. B. Knife Works ("Diamond Eagle"), Napanoch, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Tucke Mfg. Co. (Hand), Brockton, Mass.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

7056—Knives (Veneer)

Anderson Knife & Bar Co., Anderson, Ind.
Atkins E. C. & Co., Indianapolis, Ind.
Bailey & Blendinger Mfg. Co., Woburn, Mass.
Cleveland Knife & Forge Co., Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Hankey A. & Co., Rochdale, Mass.
Lancaster Mach. & Knife Works, Lancaster, N. Y.
Loyd John Co., 558 Water, New York
Ohio Knife Co., Cincinnati, Ohio.
Oldham Joshua & Sons, 114 26th, Brooklyn, N. Y.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7057—Knives (Weeding)

Knickerbocker Mfg. Co., Belleville, N. J.

7058—Knives (Wood Barking Machine)

Atkins E. C. & Co., Indianapolis, Ind.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Simonds A. A. & Son Co., Dayton, O.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Knives (Wood Flooring Machine)

See Knives, Wood Working Machine

7059—Knives (Wood Pulp)

Atkins E. C. & Co., Indianapolis, Ind.
COES LORING & CO. (INC.), Coes sq, Worcester, Mass.
See adv index at end of book
Dilts Machine Works (Inc.), Fulton, N. Y.
Ohio Knife Co., Cincinnati, O.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Trethewey Sam'l & Co., Ltd., 57th st, Pittsburgh, Pa.

Knives (Wood Surfacing Machine)

See Knives, Wood Working Machine

Knives (Wood Tenoning Machine)

See Knives, Wood Working Machine

7060—Knives (Wood Working Machine)

American Knife Co., Baldwinsville, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Chicago Knife Works, 228 S Clinton, Chicago, Ill.
Cleveland Knife & Forge Co., Cleveland, O.
Cocker Saw Mfg. Co., Lockport, N. Y.
COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.
See adv index at end of book
Detroit Edge Tool Works, Woodbridge & McDougall, Detroit, Mich.
Dilts Machine Works (Inc.), Fulton, N. Y.
Dowd R. J. Knife Works, Beloit, Wis.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Foucart, J. E., Williamsport, Pa.
Gage E. E. Mfg. Co., Gardner, Mass.
Hankey A. & Co., Rochdale, Mass.
Henrikson Bernard T. & Co., 664 W Austin, Chicago, Ill.
Horne J. H. & Sons Co., Lawrence, Mass.
Huther Bros. Saw Mfg. Co., Rochester, New York
Mack & Co. ("D. R. Barton"), Rochester, New York
Ohio Knife Co., Cincinnati, Ohio.
Redin, Ekstrom & Co., Rockford, Ill.
Simonds A. A. & Son Co., Dayton, O.
SIMONDS MFG. CO., Fitchburg, Mass.
See adv index at end of book
Taylor, Stiles & Co., Riegelsville, N. J.
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.
Worden Tool Co., 1854 Scranton rd, Cleveland, O.

7060a—*Knives (Wooden)

Estes E. B. & Sons, 358 5th av, New York
See adv index at end of book

7061—Knives & Cutters (Serrated)

Rotary File & Machine Co., 176 North Fourth, Brooklyn, N. Y.

7062—Knives & Dirks (Hunting)

American Cutlery Co., 764 Mather, Chicago, Ill.
Barr Bros. Co., (Hand Made), Oakland, Cal.
Cattaraugus Cutlery Co. ("King of the Woods"), Little Valley, N. Y.
Collins Co. (Bower), Collinsville, Conn.
Clyde Cutlery Co., Clyde, Ohio
Goodell Co., Antrim, N. H.
Graef & Schmidt ("Twin Brand"), 107 Chambers, New York
Humason & Beckley Mfg. Co. ("H. & B."), New Britain, Conn.
Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.

Landers, Frary & Clark, New Britain, Conn.
Lothrop H. A. & Co. ("J. Ames," "J. Sanger"), Sharon, Mass.
Marble Arms & Mfg. Co. ("Sportsman's Camp," "Sportsman's Fish" and "Expert" and "Ideal" Hunting), Gladstone, Mich.
Meriden Cutlery Co., Meriden, Conn.
Miller Bros. Cutlery Co., Meriden, Conn.
NICHOLS BROS., Greenfield, Mass.
Northfield Knife Co., Northfield, Conn.
Northampton Cutlery Co., Northampton, Mass.
Richard Stephen Co. ("S. R."), Southbridge, Mass.
Russell John Cutlery Co., Turners Falls, Mass.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Wostenholm Geo. & Son ("I. X. L." Imp), 105 Chambers, New York

7063—Knives & Forks (Aluminum)

Standard Aluminum Co., Two Rivers, Wis.

7064—Knives & Forks (Tinned)

Benedict Mfg. Co., East Syracuse, N. Y.

Knobs (Base)

See Door Bumpers; also Door Stops

7065—Knobs (Carpet)

Wilcox, Crittenden & Co. (Brass Heads, Wrought Nails; also Grommets), Middletown, Conn.

7066—Knobs (Carriage)

Cowles C. & Co., New Haven, Conn.
Crandal, Stone & Co., Binghamton, N. Y.
Douglas & Lomason Co., Detroit, Mich.
Monarch Carriage Goods Co., Cincinnati, Ohio
Woodruff W. W. & Sons Co., Mt. Carmel, Conn.

Knobs (Door)

See Door Knobs, Various Kinds; also Classifications Following.

7067—Knobs (Drawer & Shutter)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Corbin P. & F., New Britain, Conn.
Dent Hardware Co., Fullerton, Pa.
ESTES E. B. & SONS, 358 5th av, New York.
See adv index at end of book
Grammes L. F. & Sons (Brass), Allentown, Pa.
Grand Rapids Brass Co. (Drawer Only), Grand Rapids, Mich.
Ideal Tool & Specialty Co. (Pressed Brass, Steel, etc), 5211 Prospect av, Cleveland, O.
Ives H. B. Co., New Haven, Conn.
Payson Mfg. Co. (Drawer), 2918 W Jackson blvd, Chicago, Ill.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reflector & Hardware Specialty Mfg. Co. (Wrought & Cast Brass & Glass Door Knobs), 2235 S Western av, Chicago, Ill.
Stephenson Mfg. Co., South Bend, Ind.
Taylor & Boggis Foundry Co., Cleveland, O.
Yale & Towne Mfg. Co., 9 E 40th, N. Y.

7068—Knobs (Glass, Door, Drawer, Etc.)

Berbecker & Rowland Mfg. Co., Waterville, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin P. & F., New Britain, Conn.
Duer John & Sons, 38 So Charles, Baltimore, Md.
Hall Wm. Co., Wollaston, Mass.
Graham & Berwin, 107 Lafayette, New York
Penn Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn.
Weber-Knapp Co. (Furniture), Jamestown, New York

7069—Knobs (Grommet)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

7070-1—*Knobs (Organ Stop)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

7072—Knobs (Pot Cover Repair)

Bogert & Hopper ("Handy"), 67 Barclay, New York.

Cassady Fairbank Mfg. Co. (Wood Handle, Enameled Black), 6126 S La Salle, Chicago, Ill.

Ellis Mfg. Co., Milldale, Conn.

ESTES E. B. & SONS ("Handy"), 358 5th av, New York

See adv index at end of book

Graham & Berwin ("Indian Head", "Grawin", "Ideal", "Yankee"), 107 Lafayette, New York

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7073—Knobs (Push Button)

Stephenson Mfg. Co., South Bend, Ind.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

7074—Knobs (Screen)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

7075—Knobs (Stove Door)

Fanner Mfg. Co. (Spun Steel), Cleveland, Ohio

Lynd Leonard E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.

New York Nickel Plating & Mfg. Co., 327 E 63d, New York

Stover Mfg. Co. ("Ideal", Nickel Plated wire, etc), Freeport, Ill.

Troy Nickel Works, Albany, New York

Wehrle Co., Newark, Ohio

7076—Knobs (Wooden, Door, Drawer, Etc.)

Allen Chas. I (Furniture), Pequabuck, Conn.

Bogert & Hopper, Base, Bird Cage, Closet Door, Drawer, Cover, etc), 67 Barclay, New York

Shantrell Hardware & Tool Co., Reading, Pa.

Established 1847

E. B. ESTES & SONS

Manufacturers of

TURNED WOOD KNOBS,

Plain, Polished, Enameled

Repair Knobs, Furniture Knobs, Plane Knobs, etc. Base Knobs a Specialty

58 5th Ave. New York City

ary Mfg. Co., Charlemont, Mass.

7076a—Knobs (Wooden Drawer)

Estes E. B. & Sons, (Chest, Enameled, Desk, Adding Machines, Bird Cage, Closet, Furniture, Kettle, Plain, Plane, Door), 358 5th av, New York

See adv index at end of book

osman Jerome Estate (Organ, Rattan Chair, Go-Carts, etc.), Fitchburg, Mass.

ational Lock Co. (For Furniture, etc.) Rockford, Ill.

velty Turning Co., Norway, Me.

qua Handle & Mfg. Co. (Also "Bardsley" Lines), P. O. Box 307, Piqua, O.

we Henry Mfg. Co., Newaygo, Mich.

les H. A. & Co., 93-97 Oliver, Boston, Mass.

See adv index at end of book

phenson Mfg. Co. (Furniture, etc, Wholesale Mfrs.), South Bend, Ind.

atton Mfg. Co., Stratton, Me.

ock L. W. & Co., Bethlehem, Pa.

ber-Knapp Co. (Furniture), Jamestown, N. Y.

7077—Knockers (Door)

umpion Hardware Co., Geneva, O.

bin P. & F., New Britain, Conn.

l Wm. Co., Wollaston, Mass.

hton Wm. & Sons Co., Nashua, N. H.

oley Mfg. Co. (Fancy), Lancaster, Pa.

usch Mfg. Co., 496 E 13th, New York

Pacific Hardware Mfg. Co., Los Angeles, Cal.

Penn Hardware Co., Reading, Pa.

Reading Hardware Co., Reading, Pa.

Rostand Mfg. Co. ("Rostand," also miniature for Guest Room), Milford, Conn.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.

Taylor & Boggis Foundry Co., Cleveland, Ohio.

Yale & Towne Mfg. Co., 9 E 40th, New York

7078—Knuckles (Steel)

American Steel Foundries (Open Hearth), McCormick bldg, Chicago, Ill.

Buckeye Steel Castings Co. (Cast Steel) Columbus, O.

Chester Steel Casting Co., Chester, Pa.

Gould Coupler Co., 30 E 42nd, New York

National Car Coupler Co. ("Hinson Emergency"), 332 S Michigan av, Chicago, Ill.

National Steel Casting Co., Montpelier, Ind.

Railway Appliance Co. ("Gilman Brown" Emergency), 122 S. Mich. Av., Chicago, Ill.

7079—Knuckles (Steering)

Irvington Mfg. Co. (Drop Forged), Irvington, N. J.

Smith A. O. Co. (Drop Forged), Milwaukee, Wis.

Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.

See adv index at end of book

7080—Knurl Sets

Braunsdorf-Mueller Co., Elizabeth, N. J.

7081—Knurls

Braunsdorf-Mueller Co., Elizabeth, N. J.

Cincinnati Screw Co. (Wrench), Twilight, O.

Welch T. F. Co., 55 Sudbury, Boston, Mass.

7082—Kominuters

Smidth F. L. & Co., 50 Church, New York

7083—Krushite

Frenier & Son (For Sawing Stone), Rutland, Vt.

7084—Kryolith

Penna. Salt Mfg. Co. (Sole Importers of Greenland), Widener bldg., Philadelphia, Pa.

Roessler & Hasslacher Chemical Co., 100 William, New York

Sundheimer Henry (Artificial), 35 Nassau, New York

7085—Label Mfrs.

American Label Co., 216 W 18th, New York

American Label Mfg. Co., Cross & Covington, Baltimore, Md.

Arnold's J. H. Son (Embossed Metal), 47 Fulton, New York

Braithwaite C. W. Co. (Paint Mfrs., etc.), 300 S Racine av, Chicago, Ill.

Carrington Geo. S. Co., 2340 W Van Buren, Chicago, Ill.

Chicago Label & Box Co., 312 N May, Chicago, Ill.

Chicago Tape & Label Co. (Linen), 521 N Spaulding av, Chicago, Ill.

Collins H. L. Co. (Canner's etc), Hampden & Wabash, St. Paul, Minn.

Dennison Mfg. Co., 26 Franklin, Boston, Mass.

Dickey-Grabler Co. (Metal for all Purposes), 118 Noble, Cleveland, O.

Gair Robt. Co., Wash'n & Plymouth, Brooklyn, N. Y.

Gugler Lithographic Co. (Lithographed, etc.), 696 Broadway, Milwaukee, Wls.

Jacobs J. L. & M. Co. (Engraved), 324 Lafayette, New York

Jarden Lithographing Co. (Lithographed Stock Labels), 310 N 11th, Phila., Pa.

Kittredge R. J. & Co., 812 W Superior, Chicago, Ill.

Maryland Color Printing Co., Holliday & Hillen, Baltimore, Md.

Milwaukee Gummed Label & Seal Co., Milwaukee, Wis.

See adv index at end of book

Mott Wallace A. (Plain & Printed), Norwalk, Conn.

Oval & Koster (Lithographed, etc), Indianapolis, Ind.

Perfection Mfg. Co. (Florist's), Jefferson W, River Range, Detroit, Mich.

Ryan J. D. Co. (Lithographed), 735 Central av, Cleveland, O.

St. Louis Label Works (Druggists), 925 N 11th, St. Louis, Mo.

Scharf Tag & Label Co. (Gum), Ypsilanti, Mich.

Simpson & Doeller Co., 2800 Preston, Baltimore, Md.

Stewart & Co. ("Simplex" Celluloid Plant, etc.), 171 B'way, New York

U. S. Printing & Lithograph Co., Robertson av & Beech Norwood, Cincinnati, O.

Woodward-Tiernan Printing Co., 309 N 3d, St. Louis, Mo.

7086—Labels (Canners')

American Label Co., 216 W 18th, New York

American Label Mfg. Co., Cross & Covington, Baltimore, Md.

Collins H. L. Co., Hampden & Wabash, St. Paul, Minn.

Gair Robt. Co., Washington & Plymouth, Brooklyn, N. Y.

Kittredge R. J. & Co., 812 W Superior, Chicago, Ill.

Maryland Color Printing Co., Holliday & Hillen, Baltimore, Md.

Oval & Koster, Indianapolis, Ind.

Simpson & Doeller Co., 2800 Preston, Baltimore, Md.

U. S. Printing & Lithograph Co., Robertson av & Beech Norwood, Cincinnati, O.

Woodward-Tiernan Printing Co., 309 N 3d, St. Louis, Mo.

7086a—*Labels (Florists & Nurserymen's)

Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*

7087—*Labels (Gas Meter)

Dickey-Grabler Co., 118 Noble ct, Cleveland, O.

7088—Labels (Gummed)

Anderson W. J. & Co., 341 B'way, New York

Eastern Pin Ticket & Tag Co. (On the Roll), Perkasio, Pa.

Eisler Anthony & Co., 227 Canal, New York

Fenton Label Co., 9th & Thompson, Philadelphia, Pa.

Manhattan Roll Label Co. (In Rolls), 81 Beekman, New York

National Binding Machine Co., 260 West, New York

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.

Seegmuller Bros. Co., 21 E 14th, New York

Standard Publishing Co., Vineland, N. J.

Tablet & Ticket Co., 624 W Adams, Chicago, Ill.

Thomas Stationery Mfg. Co., Springfield, O.

7089—Labels (Underwear)

Clark R. S. & Son, Cohoes, N. Y.

Woodward-Tiernan Printing Co., 309 N Third, St. Louis, Mo.

MILWAUKEE GUMMED LABEL & SEAL CO.

161-171 MICHIGAN ST. MILWAUKEE, WIS.

7090— *Labels (Wood)

Estes E. B. & Sons (For Plants & Trees),
358 5th av, New York
See adv index at end of book

7091— Labels (Woven)

Alkahn Silk Label Co., 116 W 32d, New York
American Silk Label Mfg. Co. (Silk), 22 E 17th, New York
Buffalo Woven Label Works (Silk & Cotton), 565 Washington, Buffalo, N. Y.
Cash J. & J. Ltd. (Silk & Cotton), South Norwalk, Conn.
Empire State Silk Label Co. (Silk & Cotton), 218 Tyler, West New Brighton, N. Y.
Freeman Leon (Cotton), 355 Union Park Ct, Chicago, Ill.
German Artistic Weaving Co. (Silk), 141 W. 36th, New York
Hamilton Web Co. (Jacquard Name Straps for Boots & Shoes), Hamilton, R. I.
Hercules Mfg. Co. (Silk), Midvale, N. J.
Kluge E. H. Weaving Co. (Cotton & Silk), 33 W 34th, New York
Loth Joseph & Co. (Silk), Norwalk, Conn.
N. Y. Woven Label Mfg. Co. (Silk), 1204 B'way, New York
Rels G. & Bro. (Cotton & Silk), 900 B'way, New York
Star Ribbon Mfg. Co. (Silk), 456 4th av, New York
U. S. Woven Label Co. (Cotton), 324 Lafayette, New York
Universal Label Weaving Co. (Silk), Paterson, N. J.
Warner Mfg. Co. (Silk), Paterson, N. J.

7092—Laboratories (Chemical & Physical)

See also Laboratories, Testing

Crowell & Murray, Perry-Payne bldg, Cleveland, O.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7093—Laboratories (Testing)

Allentown Testing Laboratory (Cement, etc.), Allentown, Pa.
American Bureau of Inspections & Tests, Monadnock blk, Chicago, Ill.
Armour Institute of Technology, 3300 Federal, Chicago, Ill.
Begardus C. E., Seattle, Wash.
Booth, Garrett & Blair (Cement Plants a Specialty), 404 Locust, Phila., Pa.
California Ore Testing Co., 591 Bay, San Francisco, Cal.
Cornell University, Ithaca, N. Y.
Detroit Testing Laboratory (Iron, Steel, etc.), 674 Woodward, Detroit, Mich.
Eastern Testing Laboratories (Specialty Cement), Allentown, Pa.
Electrical Testing Laboratories (General Testing & Inspecting), 80th & East End av, New York
Falkenburg & Laucks, Seattle, Wash.
Fitzgerald Laboratories (Electric Furnace Practice), Niagara Falls, N. Y.
Froehling & Robertson, Real Estate bldg, Richmond, Va.
Gascoyne & Co., 27 S Gay, Baltimore, Md.
Gulick-Henderson Co. (Physical & Chemical), 525 3rd av, Pittsburgh; 21 Park Row, New York, & Chicago
Heinrich Technical Laboratories, Tacoma, Wash.
Hildreth & Co., 15 Broad, New York
Hunt Robert W. & Co., 175 W Jackson Blvd, Chicago, Ill.
Kansas City Testing Laboratory, Kansas City, Mo.
Lathbury B. B. (Cement), Franklin Bank bldg, Philadelphia, Pa.
Lehigh Valley Testing Laboratory (Cement), Allentown, Pa.
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
Modjeski & Angier, 220 S Michigan av, Chicago, Ill.
Pacific Coast Testing Laboratory, Seattle, Wash.
Penniman & Browne, 215 E Fayette, Baltimore, Md.
Pittsburgh Testing Laboratory, 7th & Bedford, Pittsburgh, Pa.

St. Louis Sampling & Testing Works (Ores, Fuels, etc), 713 Clark av, St. Louis, Mo.
Smith, Emery & Co., 651 Howard, San Francisco, Cal.
Souther Henry Engng. Corp., Hartford, Conn.
Spackman Henry S. Engineering Co. (Cement, etc), 2024 Arch, Phila., Pa.
Underwriters' Laboratories, 201 E Ohio, Chicago, Ill.
Wiedemann H. E., Chemical bldg, St. Louis, Mo.

7094—Laboratory Apparatus & Supplies

Baker F. M. Apparatus Co. (Dlrs), Syracuse, N. Y.
Bausch & Lomb Optical Co. (& Glassware), Rochester, N. Y.
Braun Corporation, Los Angeles, Cal.
Braun-Knecht-Heimann Co., 576 Mission, San Francisco, Cal.
Buffalo Dental Mfg. Co., Buffalo, N. Y.
Chicago Apparatus Co. (For Schools, etc), 32 S Clinton, Chicago, Ill.
Columbia School Supply Co. (For Schools, etc), Indianapolis, Ind.
Daigger A. & Co., 52 W Kinzie, Chicago, Ill.
Eimer & Amend, 205 3d av, New York
ELYRIA ENAMELED PRODUCTS CO. (Glass Enameled), Elyria, O.
See adv index at end of book
Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.
Gray Peter & Sons (Inc.) (Bacteriological), 286 Third, East Cambridge, Mass.
Greiner Emil Co., 55 Fulton, New York
Greiner Gottlieb (Glass), 81 John, New York
Heil Henry Chemical Co., St. Louis, Mo.
Howard & Morse (Sieve Agitators, Vicat Needles, Penetrometers & Testing Sieve, etc), 46 Fulton, New York
International Instrument Co., Cambridge, Mass.
Jeffery-Dewitt Co., Butler av. & Grand Trunk Ry., Detroit, Mich.
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.
Laboratory Supply Co., Columbus, O.
Leeds & Northrup Co., Stenton av. Gtn., Philadelphia, Pa.
Lenz Apparatus Co., 9 E 16th, New York
Norton Co. (Electric Furnace Parts, Refractory Wire), Worcester, Mass.
Ohio Pottery Co. ("Ohio" Laboratory Porcelain), Columbus, O.
Peterson Leonard & Co. (Furniture Only), 1234 Fullerton av, Chicago, Ill.
Sargent E. H. & Co. (Especially for Sugar Factories), 125 W Lake, Chicago, Ill.
Schaar & Co., 1025 So State, Chicago, Ill.
Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.
Standard Glass Specialty Co. (Glass), Morgantown, W. Va.
Thermal Syndicate (Ltd.) ("Vitresil" Pure Fused Silica, Combustion, Tubes, Crucibles, Evaporating, Dishes, Tubing, Capsules, Muffles, etc), 50 E 41st, New York
Thomas Arthur H. Co., W Washington sq, Philadelphia, Pa.
TYLER W. S. CO. (Testing Sieve Shaker "Ro-Tap"), Cleveland, O.
See adv index at end of book
Universal Apparatus Co., Berkeley, Cal.

7095—Laboratory Wood Work

Federal Equipment Co., Carlisle, Pa.
Grand Rapids Hand Screw Co. (Special Work), Grand Rapids, Mich.
Kewaunee Mfg. Co., Kewaunee, Wis.
Leonard, Peterson & Co., 1234 Fullerton, Chicago, Ill.

7096—Lace (Coach)

Bridgeport Coach Lace Co., Bridgeport, Conn.
Horstmann Wm. H. Co., 5th & Cherry, Philadelphia, Pa.
Schlegel Mfg. Co., Rochester, N. Y.
Vogt Mfg. & Coach Lace Co., Rochester, N. Y.

Lace Leather

See Belt Leather

7097—Laces (Corset)

Ansonia O. & C. Co., Ansonia, Conn.
Colton Geo. S. Elastic Web Co. (Elastic), Easthampton, Mass.
Dawson Albert, Pawtucket, R. I.
Diamond Braiding Mills, Chicago Heights, Ill.
Hewitt White Co., Paterson, N. J.
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.
International Braid Co., 47 Charles, Providence, R. I.
Joslin Mfg. Co., 610 Manton av, Providence, R. I.
La Porte Braiding Mills Co., La Porte, Ind.
Mitchell Mfg. Co. (Silk, Mohair, Cotton & Mercerized), Portsmouth, O.
Narrow Fabric Co. (Cotton & Silk), Reading, Pa.
Vienna Braid & Tape Co. (Elastic), Pawtucket, R. I.

7098—Laces (Shoe)

Ansonia O. & C. Co., Ansonia, Conn.
Atlantic Tubing Co., 1756 Cranston, Providence, R. I.
Blackstone Braid Co., Central Falls, R. I.
Diamond Braiding Mills, Chicago Heights, Ill.
Dudley D. T. & Co., Haverhill, Mass.
Elmwood Mills, Daboll, Providence, R. I.
Glencairn Mfg. Co. (Silk), Pawtucket, R. I.
Hewitt-White Co., Paterson, N. J.
International Braid Co., 47 Charles, Providence, R. I.
Joslin Mfg. Co., 610 Manton av, Providence, R. I.
Kenyon J. J. Mfg. Co., Pawtucket, R. I.
La Porte Braiding Mills Co., La Porte, Ind.
Mitchell Mfg. Co. (Silk, Mohair, Cotton & Mercerized), Portsmouth, O.
Narrow Fabric Co. (Cotton & Silk), Reading, Pa.
Pawtucket Braided Line Co., Pawtucket, R. I.
Phenix Laces Mills, Phenix, R. I.
Rockland-Webbing Co., Rockland, Mass.
Small Bros., Fall River, Mass.
Standard Braid Co., Attleboro Falls, Mass.
Whitcher F. W. Co., 14 Albany, Boston, Mass.

7098a—*Lacing (Automobile Hood)

EMPIRE WEAVING & BELTING CORP.
East Rochester, N. Y.
See adv index at end of book

7099—Lacquer Mfrs.

Acme White Lead & Color Works, Detroit, Mich.
American Chemical & Mfg. Co., 617 Monticello av, Norfolk, Va.
American Lacquer Co., Bridgeport, Conn.
Ault & Wiborg Co., Cincinnati, O.
Barrett M. L. & Co. ("Spirit"), 233 V Lake, Chicago, Ill.
Celluloid Zapon Co. ("Zapon" Jet Black), Stamford, Conn.
Chase, Roberts & Co., West av, Long Island City, N. Y.
Chemical Products Co. ("Selestron" Non Flame), 93 Broad, Boston, Mass.
Chesapeake Oil Co., Stockholm & Peach Alley, Baltimore, Md.
Chicago Wood Finishing Co., 1309 Sloan Chicago, Ill.
Cooper Chas. & Co., 194 Worth, New York
Day James B. & Co., 214 W Ohio, Chicago, Ill.
Durlacque Mfg. Co., 2322 Olive, St. Louis, Mo.
Ernecke & Salmstein Co., 1509 N Halsted Chicago, Ill.
Essex Varnish Co., 84 Vesey, Newark, N. J.
Feigel M. & Bro. (Importers), 185 Wooster New York
Forest City Paint & Varnish Co., 333 Lakeside av, Cleveland, O.
French Samuel H. & Co., 4th & Callow hill, Phila., Pa.
General Bakelite Co. ("Bakelite") Rector, New York
Glidden Varnish Co., 1755 W Madison Cleveland, O.
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

Kalbfleisch Franklin H. Co., B'way & 16th, New York
 Lucas Jno. & Co., 322 Race, Phila., Pa.
 Maas & Waldstein Co., 92 William, New York
 Maier's John G. Sons ("Maier's Silver for Cans"), 153 N Gay, Baltimore, Md.
 Masury Jno. W. & Son (Colored), 50 Jay, Brooklyn, N. Y.
 Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
 Nikolas G. J. & Co. ("Nikolas"), 1227 W Van Buren, Chicago, Ill.
 Nubian Paint & Varnish Co. ("Ebonite"), 1856 Leclaire av, Chicago, Ill.
 O'Brien Varnish Co. (Flat Back), South Bend, Ind.
 Schlegel Oscar Mfg. Co., 111 E 12th, New York
 Standard Varnish Works, 2589 Richmond, Elm Park, N. Y.
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.
 Toch Bros., 320 5th av, New York
 Wright Chemical Co., 38 Park Row, New York

7100—Lacquering For The Trade

Arnold N. B. (Metal), Sigtry, B'klyn, N. Y.
 Barlow Co., Holyoke, Mass.
 Canister Co. of New Jersey (Tin Lacquering Only), Phillipsburg, N. J.
 Egyptian Lacquer Mfg. Co. (Metal), New York
 Excelsior Nickel Plating Works, 40 Clifford, Providence, R. I.
 Franche C. E. & Co. (Metal), 400 Orleans, Chicago, Ill.
 Grammes L. F. & Sons (On Brass Work), Allentown, Pa.
 Grosback Wm. & Co., 37 Maspeth av, Brooklyn, N. Y.
 Hanson & Van Winkle Co. (Metal), 269 Oliver, Newark, N. J.
 Howard Jas. L. & Co. (Brass), Hartford, Conn.
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 Kalamazoo Plating Works, Kalamazoo, Mich.
 National Mfg. & Electro Plating Co., 16 Calender, Providence, R. I.
 Oriental Varnish Wks. (Metal), 979 Franklin av, B'klyn, N. Y.
 Pacific Elec. Co. (Metal), La Crosse, Wis.
 Roesch Bros. Plating Works, Belleville, Ill.
 Zinsser W. & Co., 195 William, New York

7101—Lacquers (Anti Rust)

American Bitumastic Enamel Co. ("Bitumastic") 17 Battery pl, New York & 322 S Delaware av, Philadelphia, Pa.
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

7102—Lacquers (Armature)

Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.

7103—Lacquers (Canners')

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.
 Maier's John G. Sons, 153 N Gay, Baltimore, Md.

7104—*Lacquers (Metal)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

7104a—*Lacquers (Pyroxylin, Wood & Metal)

DU PONT CHEMICAL WKS. ("Pyrolin"), 120 B'way, New York

7105—La Cross-Gut

Ashland Mfg. Co., W 43d & S Hermitage av, Chicago, Ill.

7106—Lac Sulphur

Hillier's R. Son Co. (Imp.), 100 William, New York

7107—Lactate of Tin

Avery Chemical Co., 88 Broad, Boston, Mass.

7108-9—Lactometers

Tagliabue Chas. J. Mfg. Co., 20 33rd, Brooklyn, N. Y.

7110—Ladder Rounds (Miner's)

Oshkosh Mfg. Co., Oshkosh, Wis.
 Sandusky Tool Co., Sandusky, O.

7111—Ladders

Acme Mfg. Co., 1806 East, Pittsburgh, Pa.
 American Sash & Door Co., Kansas City, Mo.
 Ashboro Wheelborrow Co. ("Step"), Ashboro, N. C.
 Austell Swing & Ladder Co., Austell, Ga.
 Babcock W. W. Co., Bath, N. Y.
 Bacon & Co. ("Niagara" Extension, Single & Step Ladders), Appleton, N. Y.
 Bent Rung Ladder & Mfg. Co. (Step, Extension, Sectional, etc), Indiana, Pa.
 Berg Jno. & Bro. (Step, Extension), 5001 5th av, Chicago, Ill.
 Berger, Leander D., 59 N 2d, Phila., Pa.
 Bicycle Step Ladder Co. (Step, Model, Six Auto-Ladders), 6 W Randolph, Chicago, Ill.
 Bishop Ladder Co., Hartford, Conn.
 Brown Jno. K. & Co., 181 3d av, Brooklyn, N. Y.
 Bushnell Tank Works (Plain Step & Extension), Bushnell, Ill.
 California Barrel Co., 22d & Illinois, San Francisco, Cal.
 Canton Ladder Co. (Extension), Canton, Ohio
 Cheseboro, Whitman Co., 1167 1st av, New York
 Clark J. R. & Co. (Step & Extension), 2nd av N & Aldrich Minneapolis, Minn.
 Coldwater Ladder Co., Coldwater, Mich.
 Columbus Brass Co. (Plunge for Gymnasium), 538 Dublin av., Columbus, O.
See adv index at end of book
 Combination Ladder Co. (Extension), 366 Fountain, Providence, R. I.
 Consolidated Pump Co., Toledo, O.
 Corbett & Co., 429 E 109th, New York
 Crain Pump & Lumber Co., 623 Arch, Phila., Pa.
 Crowe J. N., Salem, Mass.
 Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.
 Curtis Bros. & Co., Clinton, Ia.
 Davenport Ladder Co. (Extension Step, Fruit Pickers Trestle Combination, Painters, Scaffold, etc), Davenport, Ia.
 Davis John B., Clinton, Me.
 Dillingham Mfg. Co., Sheboygan, Wis.
 Elliott E. A., Rumney, N. H.
 Fellows & Co., 234 Friend, Boston, Mass.
 Fisk Mfg. Co., Churubusco, Ind.
 Flint A. W. & Co., New Haven, Conn.
 Four-in-one-ladder Mfg. Co. ("Mishawakee," "Non-Tip," "Sure-Step," "Anti-Fall"), Mishawaka, Ind.
 Fox Geo. S. (Step, Extension, Painters, etc), 137 N 6th, Phila., Pa.
 Frizell Ladder Co. ("Dorchester" Extension & "Fairy," "Giant," "Climax" Step, etc), 135 Granite av, Boston, Mass.
 Glidden W. L., 1035 Atlantic av, Brooklyn, N. Y.
 Goshen Churn & Ladder Co. ("Famous"), Goshen, Ind.
 Goshen Mfg. Co. (Step), Goshen, Ind.
 Hale Geo. C., Kansas City, Mo.
 Heider Mfg. Co. (Extension, Straight, etc), Carroll, Ia.
 Holmquist & Co., W 35th & S Maplewood av, Chicago, Ill.
 Imperial Brass Mfg. Co. (Swimming Pool Solid Brass Tube), 524 S Racine av, Chicago, Ill. *See adv index at end of book*
 Krewson T. C., 801 Master, Phila., Pa.
 Lansing Co., Lansing, Mich.
 Los Angeles Ladder Co., Los Angeles, Cal.
 Mace L. H. & Co., 15 E 32d, New York
 Mallory C. M., Albion, N. Y.
 Michigan Ladder Co., Ypsilanti, Mich.
 Moulton C. W. H. Co. (Extension, Folding, Self-Supporting, Section, Window Cleaning Step, Long Pole, etc), Somerville, Mass.
 Moulton Ladder Co., York Corner, Me.
 New Britain Machine Co. ("New Britain" Metallic, permanent), 190 Chestnut, New Britain, Conn.
 Newton & Haggerty Ladder Co., Ann Arbor, Mich.
 New York Ladder Co., 384 Hudson, New York
 Neves W. H. Co., 154 1st, Newark, N. J.
 Palmer, Jarvis, Northville, Mich.

Paris Mfg. Co., So. Paris, Me.
 Pease F. B. Co. (Extension, Step & Common Extension & Plain Trestles), Rochester, N. Y.
 Peirce W. E. & Co., Milford, N. H.
 Portland Extn. Ladder & Pole Co. ("Flying Yankee" Extension, for Railroads, Electric & Telegraph Companies), 130 Orange, Newark, N. J.
 Potter Robert, Orwell, N. Y.
 Powell Benj., Springfield, Mass.
 Pratt Mfg. Co., Coldwater, Mich.
 Reading Mfg. Co., Akron, Ohio
 Reilley Bros. Ladder Co., 324 W 41st, New York
 Rich Pump Co. (also Decorator's), South & Depot, Cincinnati, O.
 Richter C. G. & Co., Spokane, Wash.
 Roberts Sash & Door Co. (Step, Extension, etc), 920 W 20th, Chicago, Ill.
 Safety Ladder Mfg. Co., Seattle, Wash.
 Saginaw Ladder Co. (Ltd.), (Combined Step & Extension), Saginaw, Mich.
 Schad Chas., 11 Jefferson, Brooklyn, N. Y.
 Silo Specialty Mfg. Co. (Silo), Clinton, Iowa
 Smith S. A. Mfg. Co. (Step), Brattleboro, Vt.
 Spaulding Mfg. Co., Clinton, Me.
 Specialty Mfg. Co., Titusville, Pa.
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
 Steinfeld Bros., 116 W 32nd, New York
 Superior Ladder Co. ("Monarch" Step, etc), Goshen, Ind.
 Sweet Geo. W., Flint, Mich.
 Tupper Jno. (All kinds), Lynn, Mass.
 Tyler M. H. Co., Portland, Me.
 TYLER W. S. CO., Cleveland, Ohio
See adv index at end of book
 Udell Works (Step & Extension), Indianapolis, Ind.
 Union Blind & Ladder Co. ("Star" Step, Orchard & Extension), Oakland, Cal.
 Van Buskirk John W., Lawrence, Mass.
 Virginia Cedar Works, West Norfolk, Va.
 Wheeler Geo., Norwich, New York
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.
 Wilkinson Mfg. Co., Binghamton, N. Y.
 Young Bros. Co. (Step & Common), Worcester, Mass.

Ladders (Chair)

See Chairs, Combination, Step Ladder

7112—Ladders (Extension)

Bacon & Co. ("Niagara"), Appleton, N. Y.
 Bent Rung Ladder & Mfg. Co., Indiana, Pa.
 Berg John & Bro., 5001 5th av, Chicago, Ill.
 Berger Bros. Co. ("Perfection"), 229 Arch, Phila., Pa.
 Canton Ladder Co., Canton, Ohio
 Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
 Combination Ladder Co., 366 Fountain, Providence, R. I.
 Davenport Ladder Co., Davenport, Ia.
 Fellows & Co., 234 Friend, Boston, Mass.
 Flint A. W. & Co., New Haven, Conn.
 Four-In-One-Ladder Mfg. Co. ("Four-In-One"), Mishawaka, Ind.
 Fox Geo. S., 137 N 6th, Phila., Pa.
 Frizell Ladder Co. ("Dorchester"), 135 Granite av, Boston, Mass.
 Goshen Churn & Ladder Co., Goshen, Ind.
 Hays Geo W., 228 5th, Milwaukee, Wis.
 Heider Mfg. Co., Carroll, Ia.
 Krewson T. C., 801 Master, Phila., Pa.
 Moulton C. W. H. Co., Somerville, Mass.
 Pease F. B. Co., Rochester, New York
 Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
 Reilley Bros. Ladder Co., 324 W 41st, New York
 Rich Pump Co. ("Ideal," "Sampson," "Reliable," "Safety," "Fruit Picker") South & Depot, Cincinnati, O.
 Roberts Sash & Door Co., 920 W 20th, Chicago, Ill.
 Safety Ladder Mfg. Co., Seattle, Wash.
 Saginaw Ladder Co., Ltd., Saginaw, Mich.
 Smith S. A. Mfg. Co., Brattleboro, Vt.
 Spaulding Mfg. Co. ("Hercules"), Clinton, Me.
 Stokes Wm. A. & Co., 50 Howard, N. Y.
 Superior Ladder Co., Goshen, Ind.
 Udell Works, Indianapolis, Ind.
 Union Blind & Ladder Co. ("Star"), Oakland, Cal.
 Young Bros. Co., Worcester, Mass.

7113—Ladders (Extension Scaffold)

Berg John & Bro., 5001 5th av, Chicago, Ill.
 Cupples Samuel Woodenware Co. ("Hercules") Sectional Ladder & Extension Tops, 7th & Spruce, St. Louis, Mo.
 Davenport Ladder Co. (Also Extension, Windlass, Also Rope & Pulley Attachment, etc), Davenport, Ia.
 Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.

7114— Ladders (Fire)

Boyd James & Bro., 25th & Wharton, Philadelphia, Pa.
 Combination Ladder Co., 366 Fountain, Providence, R. I.
 Davenport Ladder Co., Davenport, Ia.
 Hale Geo. C., Kansas City, Mo.
 Moulton, C. W. H. Co., Somerville, Mass.
 Pirsch Peter & Co., Kenosha, Wis.
 Portland Extn. Ladder & Pole Co. ("J. A. Weston's" Safety Trussed), 130 Orange, Newark, N. J.
 Robinson Fire Apparatus Co., 4268 N 20th, St. Louis, Mo.
 Seagrave Co., Columbus, Ohio
 Woodhouse Mfg. Co., 64 W B'way, N. Y.
 Young Bros. Co., Worcester, Mass.

7115—Ladders (Folding Roof)

Danzer Metal Works, Hagerstown, Md.

7116—Ladders (Freight Car)

Acme Supply Co. (Steel) 28 E Jackson Blvd., Chicago, Ill.
 Damascus Brake Beam Co. ("Brascott"), London rd & Nickel Plate, Cleveland, O.
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.
 Wine Railway Appliance Co., Toledo, Ohio

7117—Ladders (Fruit Pickers')

Babcock W. W. Co., Bath, New York
 Bushnell Tank Works, Bushnell, Ill.
 Consolidated Pump Co., Toledo, O.
 Davenport Ladder Co., Davenport, Ia.
 Four-In-One-Ladder Mfg. Co., ("Four-in-One"), Mishawaka, Ind.
 Goshen Churn & Ladder Co., Goshen, Ind.
 Hays Geo. W., 228 5th, Milwaukee, Wis.
 Safety Ladder Mfg. Co., Seattle, Wash.
 Superior Ladder Co., Goshen, Ind.
 Udell Works, Indianapolis, Ind.
 Union Blind & Ladder Co. ("Star"), Oakland, Cal.

7118—Ladders (Rolling & Trolley)

Allith-Prouty Co. ("Reliable"), Danville, Ill.
 Bicycle Step Ladder Co. ("Model" Six Auto-ladders), 6 W Randolph, Chicago, Ill.
 Calander Jno., 629 Jackson, St. Paul, Minn.
COBURN TROLLEY TRACK MFG. CO., P. O. Box 721, Holyoke, Mass.
 Hunt, Helm, Ferris & Co. (Cannon Ball), Harvard, Ill.
 Lane Bros. Co., ("Lane's Pat"), Poughkeepsie, New York
 McCabe Hanger Mfg. Co. (Tubular, etc), 425 W 25th, New York
 Milbradt Mfg. Co., 2410 N 10th, St. Louis, Mo.
 Morley Bros. (Rolling), Saginaw, Mich.
MYERS F. E. & BRO. ("Myers" Cushion Tire), 800 Orange, Ashland, O.
See adv index at end of book
 Newhall Henry B., 89 West, New York
 Putman & Co. ("Putnam"), 32 Howard, New York
 Richards-Wilcox Mfg. Co. (Ceiling & Shelf Rolling), Aurora, Ill.
 Union Blind & Ladder Co. (Rolling, Oakland, Cal.

7119— Ladders (Rope)

See also Fire Escapes, Rope
 Carpenter Geo. B. & Co. (Wire & Manila Rope), 400 Wells, Chicago, Ill.

7120— Ladders (Steel)

Adler H. Co., Carnegie, Pa.
 American Bridge Co. (Mine), 30 Church, New York
 Barnum E. T., Wire & Iron Works, 864 Woodward, Detroit, Mich.

CHICAGO BRIDGE & IRON WORKS,

2015 Old Colony bldg, Chicago, Ill.
For branch offices see adv index at end of book
 Meyers Fred J. Mfg. Co., Hamilton, O.
See adv index at end of book
 Mitchell-Tappen Co., 17 John, New York
PITTSBURG DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.
See adv index at end of book
 Republic Structural Iron Wks. Co., E 53d & Lakeside av, Cleveland, O.
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book

7121— Ladders (Step)

Acme Mfg. Co., 1806 East, Pittsburgh, Pa.
 Babcock W. W. Co. ("New York," "Steuben"), Bath, N. Y.
 Bacon & Co., Appleton, N. Y.
 Bent Rung Ladder & Mfg. Co. ("Columbia," "Hastings," "Wetting," "X X"), Indiana, Pa.
 Berg John & Bro., 5001 5th av, Chicago, Ill.
 Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.
 Bishop Ladder Co., Hartford, Conn.
 Border City Industrial Co., Border City, N. Y.
 Cal. Barrell Co., 22d & Illinois, San Francisco, Cal.
 Chesebro Whitman Co., 1167 First av, New York
 Clark J. R. Co., 2nd av N & Aldrich, Minneapolis, Minn.
 Consolidated Pump Co., Toledo, O.
 Crain Pump & Lbr. Co., 623 Arch, Philadelphia, Pa.
 Davenport Ladder Co., Davenport, Ia.
 Driver John ("Boss"), San Leandro, Cal.
 Fellows & Co., 234 Friend, Boston, Mass.
 Flint A. W. & Co., New Haven, Conn.
 Four-In-One-Ladder Mfg. Co. ("Four-in-One," "Mishawaka," "Non Tip," "Sure-Step," "Anti-Fall"), Mishawaka, Ind.
 Fox Geo. S. ("Hercules"), 137 N 6th, Phila., Pa.
 Frizell Ladder Co. ("Fairy," "Giant," "Climax"), 135 Granite av, Boston, Mass.
 Goshen Churn & Ladder Co. ("Goshen Hill," "Security"), Goshen, Ind.
 Goshen Mfg. Co. ("Climax," "Faultless"), Goshen, Ind.
 Handy Ladder Works ("Handy"), Cleveland, O.
 Holmquist & Co., W 35th & S Maplewood av, Chicago, Ill.
 Krewson T. C., 801 Master, Phila., Pa.
 Mace L. H. & Co., 15 E 32d, New York
 Mallory C. M., Albion, N. Y.
 Michigan Ladder Co., Ypsilanti, Mich.
 Moulton C. W. H. Co., Somerville, Mass.
 N. Y. Ladder Co., 384 Hudson, New York.
 Paris Mfg. Co., South Paris, Me.
 Pease F. B. Co., Rochester, N. Y.
 Pratt Mfg. Co. ("Red Star," "Monarch"), Coldwater, Mich.
 Reilley Bros. Ladder Co. ("Hub," "Manhattan"), 324 W 41st, New York
 Rich Pump Co. ("Cincinnati," "Queen City," "Buckeye," "Rich Leader," "Victor," "Leader"), South & Depot, Cincinnati, O.
 Richter C. G. & Co. (Safety), Spokane, Wash.
 Roberts Sash & Door Co., 920 W 20th, Chicago, Ill.
 Safety Ladder Mfg. Co., Seattle, Wash.
 Saginaw Ladder Co., Ltd., Saginaw, Mich.
 Smith S. A. Mfg. Co. ("Star," "National," "Eetna"), Brattleboro, Vt.
 Specialty Mfg. Co., Titusville, Pa.
 Steinfeld Bros., 116 W 32nd, New York
 Stokes Wm. A. & Co., 50 Howard, New York
 Superior Ladder Co. ("Monarch," "Attos"), Goshen, Ind.
 Tilley J. S. Ladder Co., Watervliet, N. Y.
 Udell Works, Indianapolis, Ind.
 Union Blind & Ladder Co. ("Star"), Oakland, Cal.
 Whitehurst R. W. Mfg. Corp. ("Handy," "Superb"), Norfolk, Va.
 Wilkinson Mfg. Co. (Collapsible), Binghamton, N. Y.

Ladders (Store Sliding)

See Ladders, Rolling & Trolley

7122— Ladders (Straight)

Babcock W. W. Co., Bath, N. Y.
 Bent Rung Ladder & Mfg. Co. ("New Model"), Indiana, Pa.
 Berger Bros. Co. ("Perfection") 229 Arch, Philadelphia, Pa.
 Canton Ladder Co., Canton, O.
 Davenport Ladder Co., Davenport, Ia.
 Flint A. W. & Co., New Haven, Conn.
 Four-In-One-Ladder Mfg. Co., Mishawaka, Ind.
 Fox Geo. S., 137 N 6th, Phila., Pa.
 Goshen Churn & Ladder Co., Goshen, Ind.
 Heider Mfg. Co., Carroll, Ia.
 Krewson T. C., 801 Master, Phila., Pa.
 Michigan Ladder Co., Ypsilanti, Mich.
 Moulton C. W. H. Co., Somerville, Mass.
 Newton & Haggerty Ladder Co., Ann Arbor, Mich.
 Pease F. B. Co., Rochester, N. Y.
 Reilley Bros. Ladder Co., 324 W 41st, New York
 Saginaw Ladder Co., Ltd., Saginaw, Mich.
 Superior Ladder Co., Goshen, Ind.
 Tilley J. S. Ladder Co., Watervliet, N. Y.
 Tupper John, Lynn, Mass.
 Udell Works, Indianapolis, Ind.
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.

7123—Ladders (Straight, Sectional)

Babcock W. W. Co., Bath, N. Y.
 Bent Rung Ladder & Mfg. Co., Indiana, Pa.
 Canton Ladder Co., Canton, O.
 Combination Ladder Co., 366 Fountain, Providence, R. I.
 Flint A. W. & Co., New Haven, Conn.
 Four-In-One-Ladder Mfg. Co., Mishawaka, Ind.
 Fox Geo. S., 137 N 6th, Phila., Pa.
 Goshen Churn & Ladder Co., Goshen, Ind.
 Krewson T. C., 801 Master, Phila., Pa.
 Michigan Ladder Co., Ypsilanti, Mich.
 Moulton C. W. H. Co., Somerville, Mass.
 Superior Ladder Co., Goshen, Ind.
 Tilley J. S. Ladder Co., Watervliet, N. Y.
 Udell Works, Indianapolis, Ind.

7124—Ladders (Swimming Pool)

Cincinnati Mfg. Co., Cincinnati, O.
See adv index at end of book
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.
See adv index at end of book
 McKenna Bros. Brass Co., 1st av & Ross, Pittsburgh, Pa.
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.
See adv index at end of book
 Smith F. P. Wire & Iron works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7125—Ladders & Trucks (Firemen's)

Anderson Coupling & Fire Supply Co., Kansas City, Kan.
 Davenport Ladder Co. (Fire Ladder Only, Single, Extension & Roof), Davenport, Ia.
 Moulton C. W. H. Co., Somerville, Mass.
 Portland Ladder Co. (Safety Trussed), 130 Orange, Newark, N. J.

7126—Ladle Sleeves & Nozzles

Dixon Joseph Crucible Co. (Ladle Plumbago Nozzles), Jersey City, N. J.
See adv index at end of book
 Garfield Fire Clay Co., Robinson, Pa.
 Haws A. J. & Sons (Ltd.), Johnstown, Pa.
 Savage Fire Brick Co., Meyerdale, Pa.
 Swank's H. Sons (Fire Brick), Johnstown, Pa.
 United Fire Brick Co., Uniontown, Pa.

7127-8— Ladles (Babbitt)

American Mfg. Co., Chattanooga, Tenn.
 Hollands Mfg. Co., 352 E 18th, Erie, Pa.
 Ryerson Jos T. & Son, 2558 W 16th, Chicago, Ill.
 Stevens Frederick B., 3d & Larned, Detroit, Mich.
 Woonsocket Mach. & Press Co., Woonsocket, R. I.

Ladles (Bessemer Plant)

See Ladles, Open Hearth & Bessemer Plant

Ladles (Cinder Car)

See Ladles, Foundry; also Cars, Hot Metal & Slag

7129—Ladles (Family, Etc.)

Central Stamping Co., 172 Fulton, New York
National Enameling & Stamping Co., 411 5th av, New York
Strong Mfg. Co., Sebring, O.

7130—Ladles (Foundry)

BIGGS BOILER WORKS CO. (Riveted Steel), Case av & Williams, Akron, Ohio
See adv index at end of book
Carroll-Porter Boiler & Tank Co., Empire bldg., Pittsburgh, Pa.
Central Foundry Supply Co. ("Byram 15 to 35,000 lbs."), (P. O. Box 945), Columbus, O.
Clark W. J. Co., Salem, O.
Columbiana Boiler Co. (Riveted), Columbiana, O.
Connelly D. Boiler Co. (Or Hot Metal), Cleveland, O.
DOVER BOILER WORKS, Sales Office; 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Farrar & Trefts, Buffalo, N. Y.
Green C. A. Co. (Steel Hand), Toledo, O.
Heggie James G. & Sons, Joliet, Ill.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.
MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.
See adv index at end of book
Manitowoc Engineering Works, Manitowoc, Wis.
Marshall Foundry Co. (Slag), Pittsburgh, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.
Muncie Boiler & Sheet Iron Wks., Muncie, Ind.
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich.
See adv index at end of book
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
P. & O. Supply Co., Hanover & Florida, Milwaukee, Wis.
Paxson, J. W. Co., 1021 N Delaware av, Philadelphia, Pa.
Riter-Conley Co., Pittsburgh, Pa.

Stewart Boiler Works, Worcester, Mass.
Tippett & Wood, Phillipsburg, N. J.
TREADWELL CONSTRUCTION CO., Midland, Pa. *See adv index at end of book*
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Tropenas Converter Co., 50 Church, New York
Union Boiler & Mfg. Co., Lebanon, Pa.
Warren City Tank & Boiler Co. (Riveted), Warren, O.
Whiting Foundry Equipment Co., Harvey, Ill.

Ladles (Galvanizing)

See Kettles, Galvanizing

Ladles (Hot Metal)

See Ladles, Open Hearth & Bessemer Plant

Ladles (Matte)

See Ladles, Mining

7131—Ladles (Melting & Plumbers')

Advance Mfg. Co., Erie, Pa.
American Mfg. Co., Chattanooga, Tenn.
Ashton Mfg. Co. ("Red Hot" Wrought Steel), 17 Nevada, Newark, N. J.
Atha Tool Co. (Charcoal Bloom Iron), Chapel, Newark, N. J.
Bernz Otto, 21 Ashland av, Newark, N. J.
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
Clayton & Lambert Mfg. Co. (Plumbers' Steel), 205 Piquette av, E. Detroit, Mich.
Dicke Tool Co., Downers' Grove, Ill.
Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
Johnson Wm. (Hedenberg Works) (Plumbers'), Newark, N. J.
Lalance & Grosjean Mfg. Co. (Wrought Steel), 299 B'way, New York
Littleford Bros., 444 E Pearl, Cincinnati, O.
Loetzer Valve & Mfg. Co. (Seamless Plate Steel), Monroeton, Pa.
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.
Mark Mfg. Co., Evanston, Ill.
Osborne C. S. & Co., Harrison, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Racine Malleable Wrought Iron Co., Racine, Wis.
Reading Hardware Co., Reading, Pa.
Sargent & Co. (Melting), New Haven, Conn.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.
Stortz John & Son, 210 Vine, Phila., Pa.
Stowell Co. The, So Milwaukee, Wis.
Wrightsville Hardware Co., Wrightsville, Pa.

7132—Ladles (Mining)

KENNEDY VAN SAUN MFG. & ENG. CORP. (Cast Steel Matte Ladles), 120 Broadway, New York
See adv index at end of book
Traylor Engineering & Mfg. Co., Allentown, Pa.

Union Iron Works Co. (Matte Ladles), 20th & Michigan, San Francisco, Cal.
Worthington Pump & Mfg. Corp. (Heavy Steel Plate) 115 Broadway, New York

7133—Ladles (Open Hearth & Bessemer Plant)

Carroll-Porter Boiler & Tank Co., Empire bldg., Pittsburgh, Pa.
Clark W. J. Co., Salem, O.
Columbiana Boiler Co. (Riveted), Columbiana, O.
Connelly D. Boiler Co. ("Connelly"), Cleveland, O.
Dover Boiler Works, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*
Farrar & Trefts, Buffalo, N. Y.
Heggie James G. & Sons, Joliet, Ill.
Hibben & Co., 9376 Ewing av, Chicago, Ill.
Manitowoc Engineering Works, Manitowoc, Wis.
Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.
Penna. Engineering Works, New Castle, Pa.
Petroleum Iron Works Co., Sharon, Pa.

Pollock Wm. B. Co., Youngstown, O.
Riter-Conley Co., Pittsburgh, Pa.
TREADWELL CONSTRUCTION CO., Midland, Pa.
See adv index at end of book
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.
Warren City Tank & Boiler Co. (Riveted), Warren, O.

7133a—*Ladles (Pickle)

ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*

7134—Ladles (Pipe Layers')

Sperry D. R. & Co., North Aurora, Ill.

Ladles (Slag)

See Ladles, Foundry; also Cars, Hot Metal & Slag

Ladles (Truck)

See Ladles, Crane or Truck

7135—Ladles (Wax)

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

7136—Ladles (Wood)

Chapman-Sargent Co. (Butter, etc), Perysburg, O.

7137-8—Lagging (Hardwood)

Dodge Sales & Engineering Co., Mishawaka, Ind.
Hill Clutch Co., 1000 W 58th, Cleveland, Ohio

7139—Lamp Black Mfrs.

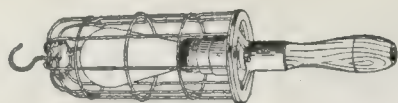
Bihn & Wolff Co. ("Keystone," "Old Abe," "Reliable Standard" Coach, Painters, "Charlton Velvet," "Curriers" Locomotive Sign Writers), Bridesburg, Phila., Pa.
Binney & Smith Co., 81 Fulton, New York
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.
Doggett Stanley, 11 Cliff, New York
Donald Wm. C. & Co., Andover, Mass.
Eddy's Titus Son, Troy, N. Y.
Hyde Carbon Black Co., Ridgeway, Pa.
Industrial Chemical Co., 200 5th av, New York
Martin L. Co. ("Germantown"), 81 Fulton, New York
Osborn C. J. Co., 132 Nassau, New York
Seaver & Co., 120 Milk, Boston, Mass.
Smith J. Lee & Co., 19 Jacob, New York
Wilckes, Martin, Wilckes Co. ("Bear Brand"), 135 William, New York

7140—Lamp Guards

Andrews Wire & Iron Works, Rockford, Ill.
Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.
Culver Stearns Mfg. Co., Worcester, Mass.
Darby Edw. & Sons Co. (Wire), 239 Arch, Phila., Pa.
Doubleday-Hill Electric Co. ("Holdfast"), 719 Liberty av, Pittsburgh, Pa.
Electric Service Supplies Co. ("Keystone"), 17 & Cambria, Phila., Pa.
Estey Wire Works Co., 34 Cliff, New York
Flexible Steel Lacing Co., 522 S Clinton, Chicago, Ill.
Forg Peter Mfg. Co., Somerville, Mass.
Frink I. P. (Portable), 24th & 10th av, New York
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Gleason E. P. Mfg. Co., 37 Murray, New York
Hamblin & Russell Mfg. Co. ("Never Break"), Worcester, Mass.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Hipwell Mfg. Co., 831 W North av, Pittsburgh, Pa.
Howard & Morse (Wire), 46 Fulton, New York
Hubbell Harvey, Bridgeport, Conn.
Leveridge Chas. W. ("L. & L." Lock), 133 Liberty, New York
Lovell F. H. & Co. (Wire), Arlington, N. J.

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.



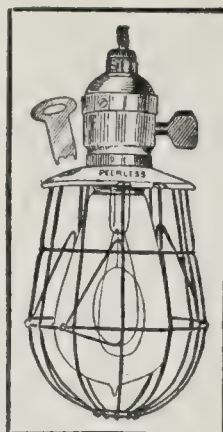
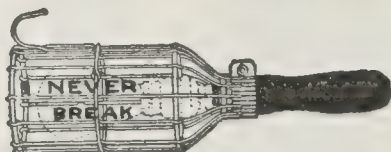
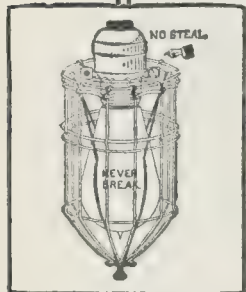
LAMP GUARDS

LARGEST LINE
IN THE WORLD

For Every Style and Size Electric Lamp

FRANK W. MORSE

293 Congress St.
BOSTON, MASS.



McGill Mfg. Co. ("Loxon," "Bull Dog," "Crescent," "National," "Standard," "Monitor," "Security"), 77 Oak, Valparaiso, Ind. *See adv index at end of book*
Matthews W. N. & Bro. ("Matthews," "Holdfast"), 3722 Forest Park blvd, St. Louis, Mo.
Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*

Morgan Spring Co., Worcester, Mass.
MORSE FRANK W. ("Never-Break," "Morse," "Webster," "Peerless" for Incandescent Lamps), 293 Congress, Boston, Mass. *See adv index at end of book*
National Mfg. Co., ("Natwire"), Worcester, Mass.
Novelty Electric Co., 50 N 4th, Phila., Pa.

Overbagh & Ayres Mfg. Co. ("Canco"), 411 S Clinton, Chicago, Ill.
Plocher Andrew Sons Co., Dayton, O.
Porter Co. ("T. P. C."), 241 Water, New York
Racine Iron & Wire Works (Electric Lamp Bulbs), Racine, Wis.
Robb & Blackmer, 129 Pearl, Boston, Mass.
Russell & Stoll Co., 17 Vandewater, New York
Scott Bros. Electric Co. (Wire), Detroit, Mich.
Seldler-Miner Co. ("S-M" Watertight Bunch Light), Detroit, Mich.
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*
Standard Wire Co., Newcastle, Pa.
Stehlin-Miller Henes Co., 103 Park av, New York
Stewart Frank H. Electric Co. (Adjustable), 35 N 7th, Phila., Pa.
Swan Electric Co., 144 Oliver, Boston, Mass.
Taylor Wm. ("Safety"), 203 B'way, New York
V. V. Fittings Co., 1906 N 6th, Phila., Pa.
Wire Goods Co. (Wire), Worcester, Mass.

7141—*Lamp Guards (Arc, Globe)

MORSE, FRANK W. ("Morse") 293 Congress, Boston, Mass. *See adv index at end of book*

7141a—*Lamp Guards (Miniature)

MORSE, FRANK W. ("Morse") 293 Congress, Boston, Mass. *See adv index at end of book*

7141b—*Lamp Replacers & Cleaners (Incandescent)

MORSE FRANK W. ("Handy"), 293 Congress, Boston, Mass. *See adv index at end of book*

Lamp Sockets (Incandescent)

See Sockets, Incandescent Lamp

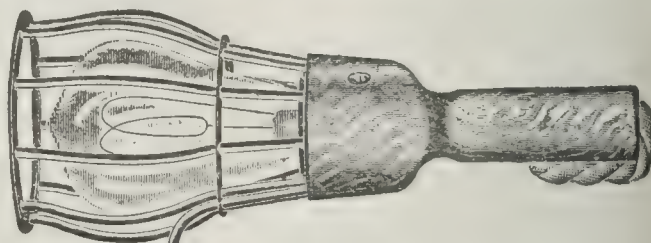
LOXON LAMP GUARD THE KEY TO SAFETY

CUT DOWN YOUR LAMP BILLS

THOUSANDS of factories, mills and shops cut down their bills for incandescent lamps by using **LOXONS**. They lock on with a key and absolutely Prevent Theft and Breakage of Lamp, as well as Fire from a hot or broken lamp next oily

waste or other combustibles.

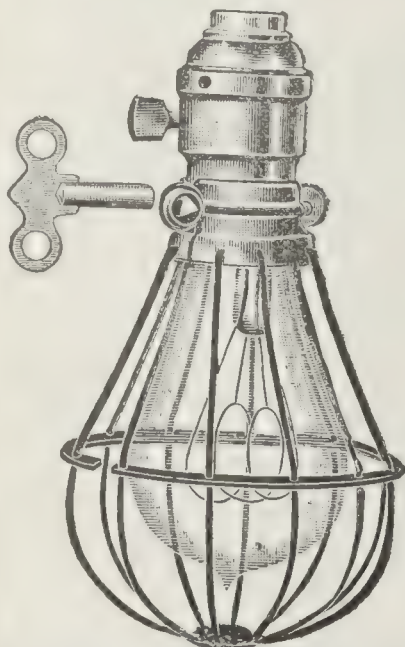
A **LOXON** costs no more than a lamp and saves many. So they pay big dividends.



The NATIONAL PORTABLE LAMP GUARD

Loxon Lamp Guards are made to fit all lamps from 15 Watt up to and including 200 Watt size. A free sample Loxon 25, 40 or 60 Watt size will be sent on request if you will write on your business letter head.

McGill Mfg. Co.
77 OAK STREET
Valparaiso, Indiana



Lamp Standards & Brackets (Iron & Bronze)

See Posts, Lamp, Arc & Tungsten

7142—Lamps (Acetylene Gas)Brown John W. Mfg. Co., Columbus, O.
Davis Acetylene Co. (Arc), Elkhart, Ind.
Klemm & Co. ("Klemm" Arc), 132 N 5th, Phila., Pa.MacLeod Co., 2227 Bogen, Cincinnati, O.
See *adv index at end of book***MILBURN A. ALEXANDER CO.**, 1420 W Baltimore, Baltimore, Md.See *adv index at end of book*
Miner Thos. T. W. ("Miner" Globe), 821 Eagle av, New York

Royal Lamp Co. (Incandescent), Cleveland, O.

Seiss Mfg. Co. ("Breckenridge"), Toledo, O.

7143— Lamps (Alcohol)

Alcohol Utilities Co. ("Pyro"), 27 William, New York

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

N. Y. Stamping Co. ("Empress" Vapor), N 11th & Berry, Brooklyn, N. Y.

Quincy Foundry & Novelty Co., Quincy, Ill.

7144— Lamps (Arc)

Adams-Bagnall Electric Co. ("A-B," Enclosed), Cleveland, O.

Buckeye Electric Works ("The Manhattan" Alt & Direct Enclosed Incan), Illuminating bldg, Cleveland, O.

Economy Electric Co., 211 Fulton, Brooklyn, N. Y.

GENERAL ELECTRIC CO. ("Multiple & Series A. C. & D. C."), Schenectady, N. Y. See *adv index at end of book*

Helios Mfg. Co. ("Continental"), Garden ab Bridge, Philadelphia, Pa.

Imperial Electric Mfg. Co., 4 Murray, New York

Kandem Electric Co. (Imp), 58 Reade, New York

Philadelphia Electrical & Mfg. Co. ("Penco" Tungsten), 1236 N 31st, Phila., Pa.

Pittsburgh Electrical & Machine Works (Direct Current), Barker place, Pittsburgh, Pa.

Sorensen P., 18 Dnhm. pl, B'klyn, N. Y.

Stave Electrical Co. ("Stavelco," "Perkeo," Semi-Enclosed & Miniature), 131 Hudson, New York

Toerring C. J. Co. ("Toerring," Enclosed), 2119 Toronto, Philadelphia, Pa.

Universal Electric Stage Lighting Co. ("Klieglight" for Studios), 240 W 50th, New York

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.See *adv index at end of book*

Wohl M. J. & Co., 211 Fulton, B'klyn, N. Y.

Lamps (Arc, Acetylene)

See Lamps, Acetylene Gas, with the Word Arc following their names

7145—*Lamps (Arc, Flame Carbon)**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.See *adv index at end of book***7146—Lamps (Arc, Flaming)**

Adams-Bagnall Electric Co. ("A. B."), Cleveland, O.

Bell Arc Light Co., 20 W Houston, New York

GENERAL ELECTRIC CO., Schenectady, N. Y. See *adv index at end of book*

General Illuminating Co. ("Grant"), 369 B'way, New York

Hagstedt Chas. ("Flamor"), 139 E 54th, New York

Hamburg Felix ("Jupiter," "Carbone," "Bivolt," Imp.), 215 4th av, New York

Helios Mfg. Co., Garden ab Bridge, Phila., Pa.

Hirschberg H. M. Co. ("Siemens"), 1451 B'way, New York

Kandem Electric Co. (Imp.), 58 Reade, New York

Kiewert Chas. L. Co. ("Alba," "Aurora"), 165 Greenwich, New York

Scott Electrical Co. ("Decuple"), 357 Ogden, Newark, N. J.

Stave Electrical Co. ("Stave"), 131 Hudson, New York

Toerring C. J. Co., 2119 Toronto, Phila., Pa.

Warner Electric Co., Muncie, Ind.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.See *adv index at end of book***Lamps (Arc, For Blue Printing & Photography)**

See Blue Print Lamps & Carbons

7147—Lamps (Arc, Electric Non-Magnet)

Hughes Universal Arc Lamp Co. ("Hughes Universal," Without Either Dash-pot or Magnet), 628 Race, Phila., Pa.

7148— Lamps (Arc, Gas)

See also Lamps, Incandescent Gas

American Gas Machine Co. ("American" Inverted), Albert Lea, Minn.

Bell Arc Light Co. ("Bell," Triple Air), 20 W Houston, New York

Eclipse Light Co., 583 B'way, New York

Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

Garwood Gas Lamp & Heater Co. ("Garwood" Inverted), Canton, Ohio

General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.

Gleason E. P. Mfg. Co. (Incandescent Reflecting), 37 Murray, New York

Ideal Gas Light Co. ("Beau Ideal"), Kalamazoo, Mich.

Incandescent Burner Co., 395 Claremont av, Brooklyn, N. Y.

Kern Burner Co., 217 W 125th, New York

Klemm & Co., 132 N 5th, Phila., Pa.

National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.

New Idea Arc Light Co., 20 W Houston, New York

Rector Gas Lamp Co., 1777 B'way, New York

Risinger Bros. Co. ("Risinger" Street Inverted, etc, "Colonel" Inside, Porch, etc), E. Liverpool, O.

Selas Co., 521 W 23d, New York

Solar Light Co., 69 Wooster, New York

Sun Light Co., Parkersburg, W. Va.

7149—Lamps (Arc, Gasoline)

See also Lamps, Gasoline; also Lamps, Incandescent Gasoline

American Gas Machine Co. ("Manson" & "American"), Albert Lea, Minn.

Best Light Co., Canton, Ohio

Cole-Haisted Light & Sales Co. ("Coleman" Boulevard, etc), Los Angeles, Cal.

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.

Tures Mfg. Co. ("Turz-Lite" Stationery & Portable), 394 6th, Milwaukee, Wis.

7149a—*Lamps (Arc, Metallic Flame)**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.See *adv index at end of book***7150—Lamps (Arc, Miniature)**

General Illuminating Co. ("Grant"), 369 B'way, New York

Stave Electrical Co. ("Stavelco," "Perke" Semi-Enclosed & Miniature), 131 Hudson, New York

7151—Lamps (Arc, Photo-Engraving)

Adams-Bagnall Electric Co., Cleveland, O.

Bogue Chas. J., Electric Co., 513 W 29th, New York

Eastman Kodak Co. ("Aristo"), Rochester, New York

Helios Mfg. Co., Garden ab Bridge, Philadelphia, Pa.

Thompson Albert T. & Co., 15 Tremont pl, Boston, Mass.

Toerring C. J. Co., 2119 Toronto, Phila., Pa.

United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.

Western Electric Co. ("Aristo"), 463 West, New York

7152—Lamps (Arc, Stage & Stereopticon)

McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.

Universal Electric Stage Lighting Co. ("Klieg"), 240 W 50th, New York

7152a—Lamps (Artistic Bronze & Wrought Iron)

Cincinnati Mfg. Co., Cincinnati, O.

See *adv index at end of book*

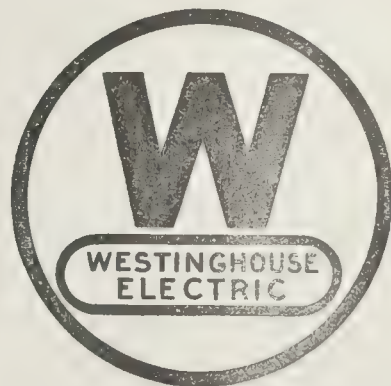
Westinghouse Lamps

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See adv index at end of book

Jackson Wm. H. Company, 2 W 47th, New York

MEYERS FRED J. MFG. CO., Hamilton, O.

See adv index at end of book

PITT WM. R. COMPOSITE IRON WORKS, 219 W 26th, New York

See adv index at end of book

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

TYLER W. S. CO. (Brackets, etc), Cleveland, O., & 200 5th av, New York

See adv index at end of book

7153—Lamps (Automobile, Electric)

See also Headlights, Automobile

A-A Elec. Mfg. Co., 355 Water, Bridgeport, Conn.

Adams-Bagnall Electric Co., Cleveland, O.

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.

Anderson Electric Specialty Co., 562 W Van Buren, Chicago, Ill.

Art Metal Mfg. Co., E 61st & Curtiss av, Cleveland, O.

Badger Brass Co., Kenosha, Wis.

Boother Miller Co., 2210 S Main, Los Angeles, Cal.

Bosch Magneto Co., 223 W 46th, New York

Brown John W. Mfg. Co., Columbus, O.

Campbell A. S. Co. ("Cello" spot, search side & tail) 284 Commercial, Boston, Mass.

Chicago Auto Lamp Wks., Chicago, Ill.

Columbus Auto Brass Co., Columbus, O.

Corcoran-Victor Co., Cincinnati, O.

Cowles C. & Co., Water & Chestnut, New Haven, Conn.

Culvet-Stearns Mfg. Co., Detroit, Mich.

Detroit Starter Co., 203 Monroe av, Detroit, Mich.

Dietz B. E. Co., 60 Laight, New York

Edison Lamp Works of General Electric Co. ("Mazda"), Harrison, N. J.

Edmunds & Jones Corp., Detroit, Mich.

Elec. Service Supplies Co., 17th & Cambria, Philadelphia, Pa.

English & Mersick Co., Winchester av, New Haven, Conn.

Foster C. H. Accessories Co., Chicago, Ill.

Fowler Lamp & Mfg. Co. ("Fowler," also for Motor Boats), 59 E 24th, Chicago, Ill.

Gray & Davis, Boston, Mass.

Guide Motor Lamp Mfg. Co. (For Fords), W 114th & Madison, Cleveland, O.

Hall C. M. Lamp Co., Hancock & Rivard, Detroit, Mich.

Handlan-Buck Mfg. Co. (Side & Tail), 210 14th nr 3d, St. Louis, Mo.

Hawthorne Mfg. Co., Spruce & Howard, Bridgeport, Conn.

Holt & Beeber Co., 51 Chardon, Boston, Mass.

Howe Mfg. Co., 1732 S Michigan av, Chicago, Ill.

Import Sales Co., 318 E 32d, New York

Indiana Lamp Co., Connersville, Ind.

Lipman Air Appliance Co., Beloit, Wis.

MacDonald Donald N., Boston, Mass.

Marburg Bros. ("Marburg-Lucifer"), 90 West, New York

Mesinger-Whitney Elec. Co., New York City

Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.

Milwaukee Bronze Casting Co., 119 Clinton, Milwaukee, Wis.

O'Brien Jos. F. Mfg. Co., 391 B'way, New York

Pittsburgh Elec. Spec. Co., Ross & 1st av, Pittsburgh, Pa.

Rose Mfg. Co. ("Neverout"), 910 Arch, Philadelphia, Pa.

Rosen A. W. & Co., 610 B'way, New York

S. & M. Lamp Co., Los Angeles, Cal.

Silvey Elec. Co., Dayton, O.

Smith F. A. Mfg. Co., Rochester, N. Y.

Storage Battery Supply Co., 239 E 27th, New York

Superior Lamp Mfg. Co., 136 W 52d, New York

Sutterley G. T. & Co., 23d & Hamilton, Philadelphia, Pa.

Venus Elec. Lamp Co., Detroit, Mich.

Vesta Accumulator Co. ("Vesta"), 2100 Indiana av, Chicago, Ill.

White Mfg. Co., Bridgeport, Conn.

Wood Mfg. Co., Fairfield, Conn.

7154—Lamps (Automobile, Gas & Oil)

See also Lamps, Carriage

See also Headlights, Automobile

Adams & Westlake Co. (Side & Tail Oil), 319 W Ontario, Chicago, Ill.

American Lamp Works, 253 W 47th, New York

Auto Lamp & Radiator Co., Cleveland, O.

Badger Brass Mfg. Co. ("Solar" Headlight), Kenosha, Wis.

Brown Jno. W. Mfg. Co., Columbus, O.

Buffalo Lamp Co., 110 B'way, Buffalo, N. Y.

Chicago Auto Lamp Works, 900 W Lake, Chicago, Ill.

Colt J. B. Co. (Gas), 30 E 42d, New York

Corcoran-Victor Co., Cincinnati, O.

Cowles C. & Co. (Oil), New Haven, Conn.

Dayton Mfg. Co. ("Avery," Gas), Dayton, O.

De Voursney Bros., 389 Broome, New York

Dietz R. E. Co., 60 Laight, New York

Edmunds & Jones Corp., Detroit, Mich.

Fowler Lamp & Mfg. Co. ("Fowler"), 59 E 24th, Chicago, Ill.

Gidon Joseph E., 794 10th av, New York

Gray & Davis ("Bullet"), Amesbury, Mass.

Guide Motor Lamp Co., W 114th & Madison, Cleveland, O.

Hall C. M. Lamp Co., Hancock & Rivard, Detroit, Mich.

Hanlon Thos. Co., 433 W 42d, New York

Hawthorne Mfg. Co. ("Old Sol"), Bridgeport, Conn.

Hine-Watt Mfg. Co. ("Columbia" Gas), 180 N Market, Chicago, Ill.

Indiana Lamp Co., Connersville, Ind.

Kraft A. C., 323 W Lake, Chicago, Ill.

Manhattan Auto Parts & Lamp Works Co., 162 W 56th, New York

Post & Lester Co. ("Royal de Luxe"), Hartford, Conn.

Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.

Scoville & Peck Co. ("Peck" Oil), New Haven, Conn.

Sibley Pitman Electrical Corp. ("Climax"), 19 W 36th, New York

Superior Lamp Mfg. Co., 136 W 52d, New York

White Mfg. Co. (Oil), Bridgeport, Conn.

7155—Lamps (Automobile, Trouble Finding)

Adams-Bagnall Electric Co., Cleveland, O.

American Enamel Co. ("Britelite"), Providence, R. I.

American Ever Ready Works, Thompson av, L. I. City, New York

Edison Lamp Works of General Electric Co. ("Mazda"), Harrison, N. J.

Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.

Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.

MORSE FRANK W., ("Morse") 293 Congress, Boston, Mass.

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Providence Electric Mfg. Co. ("Nitelite"), 23 Broad, Providence, R. I.

Rosen A. W. & Co., 610 Broadway, New York

7156—Lamps (Battery)

Edison Lamp Works of General Electric Co. ("Mazda"), Harrison, N. J.

Interstate Electric Novelty Co., 29 Park pl, New York

Ohio Electric Works, Cleveland, O.

MORSE FRANK W. ("Morse" Trouble, for Automobiles & Power Boats), 293 Congress, Boston, Mass.

See adv index at end of book

Vesta Accumulator Co. ("Vesta" Pocket, etc), 2100 Indiana av, Chicago, Ill.

7157—Lamps (Bicycle)

Bridgeport Brass Co., Bridgeport, Conn.

Burchwell Mfg. Co., Pontiac bldg, St. Louis, Mo.

Central Tele. & Elec. Co., 310 N 11th, St. Louis, Mo.

Dietz R. E. Co., 60 Laight, New York

Hartford Elec. Nov. Co., 160 N 5th av, Chicago, Ill.

Hine-Watt Mfg. Co., 180 N Market, Chicago, Ill.

Indiana Lamp Co., Connersville, Ind.

Marburg Bros. ("Marburg-Lucifer"), 90 West, New York

Metal Spec. Mfg. Co., 338 N Kedzie av, Chicago, Ill.

Plume & Atwood Mfg. Co. ("Banner", "Jim Dandy," Kerosene), Waterbury, Conn.

Rose Mfg. Co. ("Neverout"), 910 Arch, Philadelphia, Pa.

SCOVILL MFG. CO., Waterbury, Conn.

See adv index at end of book

7158—Lamps (Bridge, Pier & Channel)

Coleman Lamp Co. ("Coleman" Bridge & Pier), Wichita, Kan.

Gray Peter & Sons, Inc., 283 Third, E Cambridge, Mass.

Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.

Porter Co., 241 Water, New York

Smith of N. Y. Co., 352 Pearl, New York

7159—Lamps (Bunker)

Smith of N. Y. Co., 352 Pearl, New York

7160—Lamps (Candle)

Adams & Westlake Co., 319 W. Ontario, Chicago, Ill.

American Ring Co., Waterbury, Conn.

Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.

Porter Co., 241 Water, New York

Smith of N. Y. Co., 352 Pearl, New York

Turner & Seymour Mfg. Co., Torrington, Conn.

7161—Lamps (Car)

Adams & Westlake Co. (All Kinds), 319 W Ontario, Chicago, Ill.

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Bridgeport Brass Co., Bridgeport, Conn.

Dayton Mfg. Co. (For Steam & Electric Cars), Dayton, O.

Handlan-Buck Mfg. Co. (All Kinds), 210-14 N 3d, St. Louis, Mo.

Howard Jas. L. & Co., Hartford, Conn.

Safety Car Heating & Lighting Co., 2 Rec-tor, New York

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Smith of N. Y. Co., 352 Pearl, New York

Star Brass Mfg. Co., ("Star") 108 E Ded-ham, Boston, Mass.

Star Headlight & Lantern Co. (Oil), Rochester, N. Y.

7162—*Lamps (Carbon-Filament)

GENERAL ELECTRIC CO. ("Mazda"), Schenectady, N. Y.

See adv index at end of book

WESTINGHOUSE LAMP CO., 165 Broad-way, New York.

7163—Lamps (Carriage)

See also Lamps, Automobile, Gas & Oil

Carey & Co., 246 N 5th, Philadelphia, Pa.

Cowles C. & Co., New Haven, Conn.

De Voursney Bros., 389 Broome, New York

Edmunds & Jones Mfg. Corp., Detroit, Mich.

English & Mersick Co., New Haven, Conn.

Fowler Lamp & Mfg. Co. ("Fowler" Electric), 59 E 24th, Chicago, Ill.

Gray & Davis, Amesbury, Mass.

Hanlon Thomas Co., 433 W 52nd, New York

Illinois Carriage Lamp Co., 224 W Illinois, Chicago, Ill.

Indiana Lamp Co., Connersville, Ind.

Porter Co., 241 Water, New York

Rose Mfg. Co. ("Neverout"), 910 Arch, Phila., Pa.

Seiss Mfg. Co. ("Lightweight," Oil Lamp), Toledo, O.

Smith of N. Y. Co., 352 Pearl, New York

Superior Lamp Mfg. Co., 136 W 52d, New York

White Mfg. Co., Bridgeport, Conn.

Lamps (Christmas Tree, Electric)

See Lamps, Battery

Lamps (Contractors' Portable)

See Contractors' Portable Light

7164—Lamps (Derrick)

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Lamps (Desk, Electric)

See Lights, Desk, Electric

7165—Lamps (Electric)

See Lamps, Incandescent, Electric.

7166—Lamps (Filament Tube)

Straight Filament Lamp Co. ("Rayline"), 42 E 23rd, New York

7167—Lamps (Gasoline)

See also Lamps, Arc Gasoline

Akron Gas Lamp Co., Akron, O.
American Gas Machine Co., Albert Lea, Minn.

Best Light Co., Canton, O.

Brilliant Gas Lamp Co. ("Brilliant," "Tri-ump" & "Handy"), 1009 S Wabash, Chicago, Ill.

Canton Incandescent Light Co. ("Canton"), Canton, O.

Cole-Halstead Light & Sales Co. ("O. K.," "Air-O-Lite" Portable Table Lamps), Los Angeles, Cal.

Coleman Lamp Co. ("Air-O-Lite" Table Lamp, etc), Wichita, Kan.

Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

Gloria Light Co., 1100 Washington blvd, Chicago, Ill.

Incandescent Light Mfg. Co., Council Bluffs, Ia.

King Light Co. (Self-Lighting), Peoria, Ill.

Knight Light Co., 351 W Chicago av, Chicago, Ill.

Merkel Herman ("Simplicity"), 511 Elm St. Louis, Mo.

National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.

Pitner Gasoline Lighting Co., 8 E Kinzie, Chicago, Ill.

Powerlight Co., 543 Broadway, New York

Royal Gas Light Co. ("Royal Gem"), 18 W Kinzie, Chicago, Ill.

Smith of N. Y. Co., 352 Pearl, New York

Sun Vapor & Gas Street Light Co. (Incandescent), Canton, O.

Superior Mfg. Co. (Also Vapor), Ann Arbor, Mich.

Yale Light Co. (Portable), 541 W Washington blvd, Chicago, Ill.

Lamps (Gauge)

See Lamps, Locomotive Gauge

7168—Lamps (Gem)

Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, O.

Columbia Incandescent Lamp Works of G. E. Co. ("Columbia"), Equitable bldg, St. Louis, Mo.

GENERAL ELECTRIC CO. ("Mazda"), Schenectady, N. Y.

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Packard Lamp Works of G. E. Co. ("Packard"), Warren, O.

7169—Lamps (Gravity)

Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

7170—Lamps (Hand, Engineers' & Machinists')

Gray, Peter & Sons, Inc., 286 Third, E Cambridge, Mass.

Hammer & Co. (Malleable Iron), Branford, Conn.

Huebel Mfg. Co. (Malleable Iron), 103 Monroe, Newark, N. J.

Knapp Mfg. & Supply Co., 241 Water, New York

Kraft, A. C., 323 W Lake, Chicago, Ill.

7171—Lamps (Hanging)

Bradley & Hubbard Mfg. Co. (Oil), Meriden, Conn.

Dressel Railway Lamp Works (For Office, Station, etc), 3860 Park av, New York

Hammer & Co. ("Hammers" Malleable Iron), Branford, Conn.

Handlan-Buck Mfg. Co. (Railroad Office & Station), 210 14th nr 3d, St. Louis, Mo.

National Metalizing Co. ("Armor Bronze"), 236 5th av, New York

Plume & Atwood Mfg. Co. ("Royal" "Banner" Oil), Waterbury, Conn.

Smith of N. Y. Co., 352 Pearl, New York

Tiffany Studios (Special Designs), 361 Madison av, New York

7172—Lamps (Household, Brass)

Almond T. R. Mfg. Co. ("Almond Flexo" also floor), Ashburnham, Mass.

Bradley & Hubbard Mfg. Co., Meriden, Conn.

Bridgeport Brass Co., Bridgeport, Conn.

Bristol Brass Co., Bristol, Conn.

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

McKee Glass Co., Jeannette, Pa.

Manhattan Brass Co., 333 E 26th, New York

Miller Edward & Co., Meriden, Conn.

National Metalizing Co. ("Armor Bronze" Copper), 236 5th av, New York

Parker Chas. Co., Meriden, Conn.

Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.

Plume & Atwood Mfg. Co., Waterbury, Conn.

SCOVILL MFG. CO., Waterbury, Conn.

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Standard Oil Co. of N. Y. ("Rayo"), 555 W 25th, New York

Waterbury Brass Goods Corp., Waterbury, Conn.

7173-4—Lamps (Household, Glass)

Cambridge Glass Co., Cambridge, Ohio

Central Glass Works, Wheeling, W. Va.

Consolidated Lamp & Glass Co., Coraopolis, Pa.

Eagle Glass & Mfg. Co., Wellsburg, W. Va.

Fostoria Glass Co., Moundsville, W. Va.

Hemingray Glass Co., Covington, Ky.

Lancaster Glass Co., Lancaster, Ohio

Phoenix Glass Co., 2nd National Bank bldg, Pittsburgh, Pa.

Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.

Sneath Glass Co., Hartford City, Ind.

Tarentum Glass Co., Tarentum, Pa.

Lamps (Hydro Carbon)

See Lamps, Incandescent, Hydro-Carbon

7175—Lamps (Incandescent Electric)

American Electric Lamp Works of G. E. Co. ("American"), Central Falls, R. I.

Banner Electric Works of G. E. Co. ("Banner"), Youngstown, Ohio

Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, Ohio

Bryan-Marsh Electric Works ("Bryan-Marsh"), 431 S Dearborn, Chicago, Ill.

Buckeye Electric Works of G. E. Co. ("Buckeye"), Cleveland, Ohio

Capital Electric Co. ("Hall"), 1126 California, Denver, Colo.

Colonial Electric Works of G. E. Co. ("Colonial"), Warren, Ohio

Columbia Incandescent Lamp Works of G. E. Co. ("Columbia"), Equitable bldg, St. Louis, Mo.

Consolidated Electric Lamp Co. ("Champion" Carbon Filament), Danvers, Mass.

Doubleday-Hill Electric Co., 719 Liberty av, Pittsburgh, Pa.

Economical Electric Lamp Works of G. E. Co. ("Hylo" Turndown), 25 W B'way, New York

Edison Lamp Works of G. E. Co. ("Mazda," "Edison Mazda," "Edison Gem," "Edison Carbon," "Lowatt"), Harrison, N. J.

Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria"), Fostoria, O.

Franklin Electric Mfg. Co. of G. E. Co. ("Franklin," "Fernco," "Novi"), Hartford, Conn.

General Incandescent Lamp Works of G. E. Co. ("G. E."), Electric bldg, Cleveland, O.

Hygrade Lamp Co. ("Hygrade"), Salem, Mass.

Imperial Brass Mfg. Co. ("Kramer" Adjustable Floor), 524 S Racine av, Chicago, Ill. See adv index at end of book

Independent Lamp & Wire Co., 1733 B'way, New York

Kentucky Electrical Co. ("The Kentucky"), Owensboro, Ky.

Liberty Electric Co., 543 4th, Pittsburgh, Pa.

Moran & Hastings Mfg. Co. (Portable), 18 W Washington, Chicago, Ill.

Nernst Lamp Co. ("Glower"), Fayette & Garrison pl, Pittsburgh, Pa.

Novelty Incandescent Lamp Co. ("Elk"), Emporium, Pa.

Packard Lamp Works of G. E. Co. ("Packard"), Warren, Ohio

Peerless Lamp Works of G. E. Co. ("Peerless"), Warren, O.

Rock Products Equipment Corp., 42 Church, New York See adv index at end of book

Rooney F. J. Lamp Co. ("Sun-Star," Turndown, "World," Carbon), Hoboken, N. J.

Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, Ohio

Standard Electric Lamp Co. ("Shamrock"), 67 Hamilton, Newark, N. J.

Standard Electric Works of G. E. Co. ("Star"), Warren, Ohio

Sterling Electric Lamp Works of G. E. Co. ("Sterling"), Warren, Ohio

Sunbeam Incandescent Lamp Works of G. E. Co. ("Sunbeam"), 500 S Clinton, Chicago, Ill.

Tipless Lamp Co. (Tipped & Tipless Carbon), Emporium, Pa. & Weehawken, N. J.

Western Electric Co. ("Sunbeam"), 463 West, New York

WESTINGHOUSE LAMP CO., 165 B'way, New York**Lamps (Incandescent Electric, Car)**

See Lamps, Incandescent Electric

7176—Lamps (Incandescent Gas)

See also Lamps, Arc, Gas

Best Light Co., Canton, O.

Kentucky Electrical Co., Owensboro, Ky.

Kern Burner Co., 217 W 125th, New York

Peerless Light Co. ("Peerless" Inverted & Upright), 174 W Randolph, Chicago, Ill.

Rector Gas Lamp Co., 1777 B'way, New York

Welsbach Gas Lamp Co., 1008 Filbert, Philadelphia, Pa.

Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.

7177—Lamps (Incandescent Gasoline)

See also Lamps, Arc, Gasoline

Akron Gas Lamp Co., Akron, O.

Best Light Co., Canton, O.

Canton Incandescent Light Co. ("Canton"), Canton, O.

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

Cole-Halstead Light & Sales Co. ("O. K.," Chandelier) Los Angeles, Cal.

Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

Incandescent Light Mfg. Co., Council Bluffs, Ia.

Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.

Pitner Gasoline Lighting Co., 8 E Kinzie, Chicago, Ill.

Royal Gas Light Co. ("Royal Gem"), 18 W Kinzie, Chicago, Ill.

Sun Vapor & Gas Street Light Co., Canton, O.

Tures Mfg. Co. ("Turz-Lite"), 394 6th, Milwaukee, Wis.

7178—Lamps (Incandescent, Hydro Carbon)

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.

Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.

Superior Mfg. Co., Ann Arbor, Mich.

7179—Lamps (Incandescent, Kerosene)

Coleman Lamp Co. ("Coleman"), Wichita, Kan.

Kitson Hydro Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.

7180—Lamps (Incandescent Miniature)

Alpha Lamp Co. (Tungsten, Carbon), 113 Grant av, Harrison, N. J.

American Ever Ready Wks, Thompson av, L. I. City, N. Y.

Berry A. Hall, 97 Warren, New York

Boehm Christian C. (Surgical), Rochester, N. Y.

Boehm H. & Co., Youngstown, O.
Brilliant Electric Works of G. E. Co.
("Brilliant"), Cleveland, O.
Brooklyn Electric Lamp & Novelty Co.,
278 Fulton, Brooklyn, N. Y.
Bryan-Marsh Electric Works ("Bryan-
Marsh"), 431 S Dearborn, Chicago, Ill.
Chicago Min. Lamp Wks., 640 W Lake,
Chicago, Ill.

Columbia Incandescent Lamp Works of
G. E. Co. ("Columbia"), Equitable
bldg, St. Louis, Mo.
Consolidated Electric Lamp Co., Danvers,
Mass.

Davis Tungsten Lamp Wks., 535 Van Vorst
pl, Union Hill, N. J.
Domestic Tungsten Lamp Co., 575 Bergen-
line av, West N. Y., N. J.

Edison Lamp Wks. of G. E. Co. (Mazda
Carbon), Sussex, Harrison, N. J.

Elblight Co. of America (Special Decora-
tive), 133 W 24th, New York

Elec. & Glass Spec. Wks., Toledo, O.
Elux Miniature Lamp Division of G. E.
Co. ("Elux"), 16 E 40th, New York

Eureka Lamp Co. (For Auto), 424 Colum-
bia, Weehawken, N. J.

Federal Miniature Lamp Division Nat'l
Lamp Works of G. E. Co. ("Federal"),
501 S Jefferson, Chicago, Ill.

GENERAL ELECTRIC CO., (Carbon
Mazda) Schenectady, N. Y.

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Herzog W. F. Min. Lamp Co. (Tungsten,
Carbon), 42 E 23d, New York

Howard Miniature Lamp Co. (Carbon or
Metallic Filament), 487 Orange,
Newark, N. J.

Import Sales Co., 318 E 32d, New York

Independent Lamp & Wire Co., 1733
B'way, New York

Interstate Electric Novelty Co. (Carbon,
Tungsten), 29 Park pl, New York

Jaeger H. J. Co. (Nitrogen), 280 Park av,
Weehawken, N. J.

Kellogg Switchboard & Supply Co. (Tele.
Switchboard), 1066 W. Adams, Chi-
cago, Ill.

Kimball Electric Lamp Co., 42 E 23d,
New York

M. & W. Co., 30 Taylor, Springfield, Mass.
McCandles H. W. & Co. ("Empire"), 406
W 31st, New York

Manweiler A. C. Co., Fort Wayne, Ind.
Novelty Inc. Lamp Co., Emporium, Pa.

Oettinger F. W. Corp., 52 Vanderbilt av,
New York

Rooney F. J. Lamp Co., Hoboken, N. J.
Safety Elec. Co. (Carbon), 537 N Dearborn,
Chicago, Ill.

Standard Elec. Novelty Co. (Tungsten,
Carbon), 730 W Randolph, Chicago,
Ill.

Tipless Lamp Co. (Tipped & Tipless Car-
bon), Emporium, Pa., & Weehawken,
N. J.

Tulite Auto Bulb Co. (For Auto.), Dime
Bk. bldg, Detroit, Mich.

U. S. Inc. Lamp Co. (Tungsten, Nitrogen),
Ewing & Clark av, St. Louis, Mo.

Vacuum Glass Co., Lynn, Mass.
Vacuu-Rite Lamp Co., 155 W Div., Chi-
cago, Ill.

Vosburgh Min. Lamp Co. (Tungsten Ni-
trogen), 289 Valley rd, West Orange,
N. J.

Weehawken Tungsten Lamp Co. (Nitro-
gen), 550 Gregory, Weehawken, N. J.

**WESTINGHOUSE ELECTRIC & MFG.
CO.**, E Pittsburgh, Pa.

See adv index at end of book

Wood C. D. Electric Co. ("Solus" Imp.),
441 Broadway, New York

**7181—Lamps (Incandescent, Port-
able)**

American Gas Machine Co., Albert Lea,
Minn.

Coleman Lamp Co., Wichita, Kan.
Economy Gas Lamp Co., 213 Goodrich,
Kansas City, Mo.

Goshen Novelty & Brush Co. (also Gas),
Goshen, Ind.

Knight Light Co., 351 W Chicago av, Chi-
cago, Ill.

Pitner Gasoline Lighting Co., 8 E Kinzie,
Chicago, Ill.

**7182—Lamps (Incandescent Port-
able Electric)**

MORSE FRANK W. ("Morse"), 293 Con-
gress, Boston, Mass.

See adv index at end of book

Rockford Metal Specialty Co., Rockford, Ill.

Salch Geo. J., 239 Centre, New York

**7182a—Lamps (Incandescent, Port-
able, Floor Electric)**

MORSE FRANK W. (For Garages), 293
Congress, Boston, Mass.

See adv index at end of book

**7183—Lamps (Incandescent Re-
newed)**

American Appliance Co., Indianapolis, Ind.
Anchor Elec. Co., 557 W Jackson, Chicago,
Ill.

BOSTON ECONOMY LAMP DIV. ("Bos-
ton" Carbon, "Eagle" Tungsten) Na-
tional Lamp Works of General Electric
Co., Danvers, Mass.

Consolidated Electric Lamp Co. ("Pioneer,"
"Standard"), Danvers, Mass.

New England Lamp Co., Malden, Mass.
Novelty Incandescent Lamp Co. ("Ex-
cel"), Emporium, Pa.

Re-New Lamp Co., Malden, Boston, Mass.
Safety Electric Co., 537 N Dearborn, Chi-
cago, Ill.

Security Elec. Lamp Co., 134 S Clinton,
Chicago, Ill.

Standard Electric Lamp Co., 67 Hamilton,
Newark, N. J.

V. & D. Elec. Co., Franklin, O.

**7184—Lamps (Incandescent Street
Series)**

GENERAL ELECTRIC CO., (Mazda) Sche-
nectady, N. Y.

See adv index at end of book

WESTINGHOUSE LAMP CO., 165 Broad-
way, New York

**7185—Lamps (Incandescent Vapor
Gas)**

Best Light Co., Canton, O.
Canton Incandescent Light Co., Canton, O.

Diamond Light Co., Canton, O.
Economy Gas Lamp Co., 213 Goodrich,
Kansas City, Mo.

Kitson Hydro Carbon Heating & Incan-
descent Lighting Co., 2819 Oakford,
Philadelphia, Pa.

Nat'l Stamping & Electric W'k's ("Mu-
lite"), 424 S Clinton, Chicago, Ill.

Sun Vapor & Gas Street Light Co., Canton,
O.

Superior Mfg. Co., Ann Arbor, Mich.

7186—Lamps (Incubator)

Kentucky Stamping Co. ("Kentucko"),
Louisville, Ky.

7187—Lamps (Inverted Gas)

Garwood Gas Lamp & Heater Co. ("Gar-
wood" Arc), Canton, O.

General Gas Light Co. ("Humphrey"),
Kalamazoo, Mich.

Matchless Brass Mfg. Co. (Inverted &
Upright), 31 Washington, Brooklyn,
N. Y.

Risinger Bros. Co. ("Risinger," Arc), East
Liverpool, O.

Welsbach Gas Lamp Co. ("Welsbach Re-
flex"), 1008 Filbert, Philadelphia, Pa.

7188—Lamps (Inverted Gasoline)

American Gas Machine Co. ("Hansom"
& "American" Hollow Wire System),
Albert Lea, Minn.

Cole-Halstead Light & Sales Co. ("O. K."
System), Los Angeles, Cal.

Coleman Lamp Co. ("Coleman"), Wi-
chita, Kan.

Economy Gas Lamp Co., 213 Goodrich,
Kansas City, Mo.

Tures Mfg. Co. ("Turz-Lite"), 394 6th,
Milwaukee, Wis.

7189—Lamps (Kerosene Oil)

Best Light Co., Canton, O.

Home Supply Co., 1411 N Wyandotte, Kan-
sas City, Mo.

Knight Light Co., 351 W Chicago av, Chi-
cago, Ill.

Powerlight Co., 543 Broadway, New York

Thomas Mfg. Co., Dayton, O.

7190—Lamps (Locomotive Gauge)

Dressel Railway Lamp Works (For Steam
or Water Gauge), 3860 Park av, New
York

Fowler Lamp & Mfg. Co. ("Fowler" Elec-
tric), 59 E 24th, Chicago, Ill.

Gray Peter & Sons, Inc. (Water & Steam
Gauge, etc), 286 Third, East Cam-
bridge, Mass.

Handlan-Buck Mfg. Co., 310-14 N 3d, St.
Louis, Mo.

Knapp Mfg. & Supply Co. (Steam or Wa-
ter), 241 Water, New York

Kraft A. C., 323 W. Lake, Chicago, Ill.

Porter Co., 241 Water, New York

Lamps (Malleable Iron)

See Torches, Malleable Iron

Also Lamps Hand, Engineers' & Ma-
chinists

7191—Lamps (Marine, Oil)

*See also Lamps, Automobile; also Pro-
jectors or Searchlights*

Badger Brass Mfg. Co. ("Solar"), Ke-
nosha, Wis.

Bradley & Hubbard Mfg. Co. (Cabin),
Meriden, Conn.

Dietz R. E. Co. ("Paragon"), 60 Laight,
New York

Dressel Railway Lamp Works (Revolving
Deck Caboose), 3860 Park av, New
York

Edmunds & Jones Corp. ("E. & J."),
Detroit, Mich.

Miller Edw. & Co. (Cabin), Meriden, Conn.
National Marine Lamp Co., Forestville,
Conn.

Porter Co., 241 Water, New York

Russell & Stoll Co. (Cabin & Signal), 48
Cliff, New York

Russell & Watson (Signal), 17 Vande-
water, Buffalo, N. Y.

Scoville & Peck Co., New Haven, Conn.

7192—Lamps (Mazda)

Bryan-Marsh Electrical Works ("Bryan-
Marsh" Drawn Wire), 431 S Dear-
born, Chicago, Ill.

Columbia Incandescent Lamp Works of
G. E. Co. ("Columbia"), Equitable bldg,
St. Louis, Mo.

Fostoria Incandescent Lamp Division of
G. E. Co. ("Fostoria," Drawn Wire),
Fostoria, O.

Franklin Electric Mfg. Co. of G. E. Co.
("Franklin," Drawn Wire), Hartford,
Conn.

GENERAL ELECTRIC CO. ("G. E. Co."),
Schenectady, N. Y.

See adv index at end of book

National Lamp Works of G. E. Co., Nela
Park, Cleveland, O.

Packard Lamp Works of G. E. Co. ("Pack-
ard" Mazda & Gem), Warren, O.

Peerless Lamp Works of G. E. Co. ("Peer-
less"), Warren, O.

Shelby Lamp Division of G. E. Co. ("Shel-
by"), Shelby, O.

Sterling Electric Lamp Works of G. E.
Co. ("Sterling" Drawn Wire), War-
ren, O.

WESTINGHOUSE LAMP CO., 165 B'way,
New York

7193—Lamps (Mazda Sign)

General Electric Co., Edison Lamp Dept.
("Edison" for Multiple Use), Har-
rison, N. J.

7194—Lamps (Mercury Vapor)

Cooper & Hewitt Electric Co., 8th &
Grand, Hoboken, N. J.

GENERAL ELECTRIC CO., Schenectady,
N. Y. *See adv index at end of book*

7195—Lamps (Metallized-Filament)

**WESTINGHOUSE ELECTRIC & MFG
CO.**, East Pittsburgh, Pa.

See adv index at end of book

WESTINGHOUSE LAMP CO., 165 B'way,
New York

7196—Lamps (Mine, Acetylene)

Amer. Lava Co., Chattanooga, Tenn.
See adv index at end of book

Hardsoeg Martin Co. ("Acetylene"), 922
South av, Pittsburgh, Pa.

Hughes Bros. ("Pathfinder"), Scranton,
Pa.

Justrite Mfg. Co. ("Justrite"), 2061 South-
port av, Chicago, Ill.

Maple City Mfg. Co., Monmouth, Ill.

MILBURN A. ALEXANDER CO., 1420
W Baltimore, Baltimore, Md.

See adv index at end of book

Simmons John Co. ("Baldwin"), 110 Cen-
tre, New York

Union Carbide Sales Co., 42d st bldg., New
York

Wolf Safety Lamp Co. of America,
("Wolf"), 80 Washington, New York

7197—Lamps (Miners', Electric)

Concordia Safety Lamp Co., Fulton bldg, Pittsburgh, Pa.
 Edison Storage Battery Co., Orange, N. J.
 Hirsch Electric Mine Lamp Co. ("Hirsch"), 314 N 12th, Phila., Pa.
 Mannesmann Light Co. of America (Imp. "Ceag," "Manlite" Portable), 329 4th av, New York
 Wolf Safety Lamp Co. of America ("Wolf"), 80 Washington, New York

7198—Lamps (Miners' Oil & Sunshine)

Anton Geo. T. & Bro., Monongahela, Pa.
 Trethaway Bros., Parsons, Pa.

7199—Lamps (Miners' Safety)

Ackroyd & Best (Ltd.), Arrott Power bldg, Pittsburgh, Pa.
AMERICAN SAFETY LAMP & MINE SUPPLY CO. ("Davy," "Clanny," "Marsaut," "Beard-Deputy," "Wolf-Type"), Scranton, Pa.
 Anton Geo. T. & Bro. ("Star," "Globe," "Eagle"), Monongahela, Pa.
 Dunlap John Co. ("Dunlap's" Seamless), Gregg, Pittsburgh, Pa.
 Everhart Brass Works, Scranton, Pa.
 Grier Bros., Ltd. ("Star"), 124 2d av, Pittsburgh, Pa.
 Handlan-Buck Mfg. Co. (Clany & Davy), 210-14 N 3d, St. Louis, Mo.
 Hardsocg Mfg. Co. ("Black Diamond"), Ottumwa, Ia.
 Harker Mfg. Co. (Hoppe "Brite-Lite" Cap), 410 Pearl, Cincinnati, O.
 Hughes Bros., Scranton, Pa.
 Irving Mfg. & Tool Co., 157 Chambers, New York
 Jones T. R. Co. ("Black Diamond"), Wilkes-Barre, Pa.
 Justrite Mfg. Co. ("Matchless Justrite"), 2061 Southport av, Chicago, Ill.
 Koehler Mfg. Co. ("Koehler"), Marlboro, Mass.
 McCoy Joseph F. Co. ("Davis" Imported), 157 Chambers, New York
 Maple City Mfg. Co., Monmouth, Ill.
 Portable Electric Safety Light Co. ("Hubbell" Electric Safety), 10 Johnson, Newark, N. J.
 Standard Oil Co. ("Miner's Sunshine"), 555 W 25th, New York
 Tunnessen Mfg. Co., Hazelton, Pa.
 United Lamp Co., Meyers bldg, Springfield, Ill.
 What Cheer Tool Co. (Carbide & Oil), What Cheer, Ia.
 Wissler A., B'way & Wash. av, St. Louis, Mo.
 Wolf Safety Lamp Co. of America ("Wolf"), 80 Washington, New York

7200—Lamps (Mission)

Allegan Carving Mfg. Co., Allegan, Mich.
 Brown W. B. Co., Bluffton, Ind.
 Daisy Woodcraft Co., Faribault, Minn.
 Goshen Novelty & Brush Co., Goshen, Ind.
 Lamb Bros. & Greene, Nappanee, Ind.
 Lambert Chas. P. Co., Holland, Mich.
 Rattan Mfg. Co., New Haven, Conn.

Lamps (Motor)

See Lamps, Automobile, Gas & Oil
 Also Headlights, Automobile

7201—*Lamps ("Nernst")

NERNST LAMP CO., Fayette & Garrison pl, Pittsburgh, Pa.

7202—Lamps (Night)

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
 McFaddin H. G. & Co. (Glow), 38 Warren, New York
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Silver & Co. ("Little Beauty" Kerosene), 304 Hewes, Brooklyn, N. Y.

7203—Lamps (Orchestra)

McLeod, Ward & Co. ("Ward"), 27 Thames, New York

Lamps (Oven)

See Illuminators, Oven

Lamps (Photo-Engraving)

See Lamps, Arc, Photo-Engraving

7204—Lamps (Photometer)

American Meter Co. ("Elliott" & "Pen-tane"), 11th av & 47th, New York

7205—Lamps (Pier Head)

Porter Co., 241 Water, New York

Lamps (Pocket, Electric)

See Flashlights, Electric Lamp & Lantern

Lamps (Portable Gasoline)

See Lamps, Incandescent, Portable

7206—Lamps (Quartz)

Cooper & Hewitt Electric Co. ("Cooper Hewitt"), 8th & Grand, Hoboken, N. J.

7207—Lamps (Railway)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
 Armspear Mfg. Co., 447 W 53d, New York
 Dayton Mfg. Co., Dayton, O.
 Dewey F. O. Co., 28 Canal, Boston, Mass.
 Dietz R. E. Co. (Track Walkers, Car Inspectors, Conductors, etc), 60 Laight, New York
 Dressel Railway Lamp Works, 3860 Park av, New York
 Embury Mfg. Co. (Inspectors Lamps), Warsaw, N. Y.
 Gray Peter & Sons (Conductors' Signal, Switch Tail, etc.), 286 Third, East Cambridge, Mass.
 Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
 Ohio Lantern Co. ("Baron"), Tiffin, O.
 Sherburne & Co., 53 Oliver, Boston, Mass.
 Smith of N. Y. Co., 352 Pearl, New York
 Star Headlight & Lantern Co., Rochester, N. Y.

7208—Lamps (Semaphore Signal)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
 Armspear Mfg. Co., 447 W 53d, New York
 Dressel Railway Lamp Works (Steel & Tinned), 3860 Park av, New York
 Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
 Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
 Star Headlight & Lantern Co., Rochester, N. Y.

7209—Lamps (Signal)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
 Armspear Mfg. Co., 447 W 53d, New York
 Dayton Mfg. Co., Dayton, O.
 Dressel Railway Lamp Works (Automatic Engine & "Herculean," "Fassett" & Electric Route, etc), 3800 Park av, New York
 Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
 Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
 Porter Co., 241 Water, New York
 Smith of N. Y. Co., 352 Pearl, New York
 Star Headlight & Lantern Co., Rochester, N. Y.

7210—Lamps (Station)

Armspear Mfg. Co., 447 W 53d, New York
 Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.
 Defiance Lantern & Stamping Co., Rochester, N. Y.
 Dressel Railway Lamp Works, 3860 Park av, New York
 Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
 Handlan-Buck Mfg. Co., 210 14 nr 3rd, St. Louis, Mo.
 National Marine Lamp Co., Forestville, Conn.
 Pritchard Stamping Co., Rochester, N. Y.
 Smith of N. Y. Co., 352 Pearl, New York

7211—Lamps (Street)

American Gas Machine Co. ("Hanson" & "American" Gasoline), Albert Lea, Minn.
 Best Light Co., Canton, O.
 Biddle-Gaumer Co., 3846 Lancaster av, Philadelphia, Pa.

Coleman Lamp Co. ("Coleman"), Wichita, Kan.
 Defiance Lantern & Stamping Co., Rochester, N. Y.
 Dietz R. E. Co., 60 Laight, New York
 Dressel Railway Lamp Works (Gas or Oil), 3860 Park av, New York
 Embury Mfg. Co. (Globe, Oil), Warsaw, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y. See adv index at end of book
 Globe Gas Light Co., 25 Union, Boston, Mass.
 Handlan-Buck Mfg. Co., 210 14th nr 3d, St. Louis, Mo.
 Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 2819 Oakford, Philadelphia, Pa.
 Miner Thos. T. W. ("Miner"), 821 Eagle av, New York
 Penna Globe Gas Light Co., 1934 Market, Phila., Pa.
 Pritchard Stamping Co., Rochester, N. Y.
 Smith of N. Y. Co., 352 Pearl, New York

7212—Lamps (Switch)

Adams & Westlake, 319 W Ontario, Chicago, Ill.
 Armspear Mfg. Co., 447 W 53rd, New York
 Dayton Mfg. Co., Dayton, O.
 Dewey F. O. Co., 28 Canal, Boston, Mass.
 Dressel Railway Lamp Wks (Steel & Tinned), 3860 Park av, New York
 Gray Peter & Sons, Inc., 286 Third, E Cambridge, Mass.
 Handlan-Buck Mfg. Co., 210-14 N 3rd, St. Louis, Mo.
 Sherburne & Co., 53 Oliver, Boston, Mass.
 Star Headlight & Lantern Co., Rochester, N. Y.

7213—Lamps (Table)

Almond T. R. Mfg. Co. ("Almond" Flexo-Electric, Ashburnham, Mass.
 Bradley & Hubbard Mfg. Co., Meriden, Conn.
 Coleman Lamp Co. ("Coleman"), Wichita, Kan.
 Dressel Railway Lamp Works ("Belgian" Stand for Desk or Ticket Office), 3860 Park av, New York
 Imperial Glass Co., Bellaire, Ohio
 Jefferson Glass Co. (Electric), Follansbee, W. Va.
 Miller Edw. & Co., Meriden, Conn.
 Fairpoint Corporation, New Bedford, Mass.
 Parker Chas. Co. (Electric, Gas & Oil), Meriden, Conn.
 Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.
 Plume & Atwood Mfg. Co., Waterbury, Conn.
 Schroeder Edw. Lamp Works, 716 Jersey av, Jersey City, N. J.
 Standard Oil Co. of N. Y. ("Rayo" Oil), 555 W 25th, New York
 Wreissner Bros., Dassel, Minn.

7214—*Lamps (Table, Acetylene)

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
 See adv index at end of book

7215—Lamps (Tantalum)

Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, O.
 Buckeye Electric Works of G. E. Co. ("Buckeye"), Cleveland, O.
 Columbia Incandescent Lamp Works of G. E. Co. ("Columbia"), Equitable bldg, St. Louis, Mo.
 Edison Lamp Works of General Electric Co., Harrison, N. J.
 Federal Miniature Lamp, Division Nat'l Lamp Works, G. E. Company, (Miniature), 501 S Jefferson, Chicago, Ill.
 Fostoria Incandescent Lamp, Division of G. E. Co. ("Fostoria"), Fostoria, O.
 Franklin Electric Mfg. Co. of G. E. Co. ("Franklin"), Hartford, Conn.
 National Electric Lamp Co., Cleveland, O.
WESTINGHOUSE LAMP CO., 1261 B'way, New York

Lamps (Torch)

See Torches, Hand

7216— Lamps (Tungsten)

Alpha Lamp Co. (Carbon), 113 Grant av, Harrison, N. J.
 Brilliant Electric Works of G. E. Co. ("Brilliant"), Cleveland, Ohio
 Buckeye Electric Works of G. E. Co. ("Buckeye"), Cleveland, Ohio
 Columbia Incandescent Lamp Works of G. E. Co. ("Columbia"), Equitable bldg. St. Louis, Mo.
 Consolidated Electric Lamp Co. ("Champion"), Danvers, Mass.
 Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.
 Deuth & Co. ("Deco" Imp.), 131 E 23d, New York
 Domestic Tungsten Lamp Co., 575 Bergenline av, West N. Y., N. J.
 Edison Lamp Works of General Electric Co., Harrison, N. J.
 Fostoria Incandescent Lamp Division of G. E. Co. ("Fostoria"), Fostoria, O.
 Franklin Electric Mfg. Co. ("Franklin"), Hartford, Conn.
 General Illuminating Co. ("Glico" Imp), 369 B'way, New York
 Herzog W. F. Min. Lamp Co. (Carbon), 42 E 23d, New York
 Hygrade Lamp Co. ("Hygrade" Vacuum & Gas Filled), Salem, Mass.
 Illumination Development Co., 24 Wooster, New York
 Import Sales Co., 318 E 32d, New York
 Independent Lamp & Wire Co., 1733 B'way, New York
 Kentucky Electrical Co., Owensboro, Ky.
 Laco-Phillips Co., 131 Hudson, New York
 Lux Mfg. Co. ("Flexible"), Hoboken, N. J.
 M. & W. Co., 30 Taylor, Springfield, Mass.
 Metalyte Co., 366 W 15th, New York
 Novelty Inc. Lamp Co., Emporium, Pa.
 Phila. Electrical & Mfg. Co. ("Penco" Arc), 1236 N 31st, Phila., Pa.
 Rooney F. J. Lamp Co., 257 14th, Hoboken, N. J.
 Shelby Lamp Division of G. E. Co. ("Shelby"), Shelby, Ohio
 Standard Elec. Novelty Co. (Carbon), 730 W Randolph, Chicago, Ill.
 Sterling Electric Lamp Works of G. E. Co. ("Sterling"), Warren, Ohio
 Sunbeam Incandescent Lamp Works of G. E. Co. ("Sunbeam"), 500 S Clinton, Chicago, Ill.
 U. S. Inc. Lamp Co. (Nitrogen), Ewing & Clark av, St. Louis, Mo.
 Vacuum Glass Co. ("Convolt"), Lynn, Mass.
 Vosburgh Min. Lamp Co. (Nitrogen), 289 Valley rd, West Orange, N. J.
 Weehawken Tungsten Lamp Co. (Nitrogen), 550 Gregory av, Weehawken, N. J.
WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

7216a—*Lamps (Tungsten Renewed)

BOSTON ECONOMY LAMP DIV. NATIONAL LAMP WORKS OF GENERAL ELECTRIC CO. ("Eagle"), Danvers, Mass.

7217—Lamps (Turn Down Electric)

Economical Electric Lamp Works ("Hylo-Economical"), 25 W B'way, New York
 Rooney F. J. Lamp Co. ("Sun Star"), Hoboken, N. J.

7218— Lamps (Vapor)

Cooper & Hewitt Electric Co., 8th & Grand, Hoboken, N. J.
 New York Stamping Co. ("Express"), N 11th & Berry, Brooklyn, N. Y.
 Superior Mfg. Co., Ann Arbor, Mich.

7219— Lances (Corn)

Murphy's Robt. Sons Co., Ayer, Mass.

7220— Lanterns (Acetylene)

MILBURN A. ALEXANDER CO., 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

Lanterns (Artistic Wrought Iron & Bronze)

See Lamps, Artistic Bronze & Wrought Iron

7221— Lanterns (Bicycle)

Bridgeport Brass Co. ("Search-Light" Oil & Gas), Bridgeport, Conn.
 Miller Edw. & Co., Meriden, Conn.

7222—Lanterns (Brass & Tin)

American Gas Machine Co. (Brass Nickel-eled American), Albert Lea, Minn.
 Armspear Mfg. Co., 447 W 53d, New York
 Plume & Atwood Mfg. Co. ("Ichabod"), Waterbury, Conn.

7223— Lanterns (Candle)

Kraft A. C. ("Eldnac"), 323 W Lake, Chicago, Ill.
 Porter Co., 241 Water, New York

7224—Lanterns (Dash Board)

Defiance Lantern & Stamping Co., Rochester, N. Y.
 Embury Mfg. Co., Warsaw, N. Y.
 Iddings Co. ("Peerless" Cold Blast), Warren, Ohio
 Lisk Mfg. Co. (Ltd.) ("Lisk," Hot Blast), Canandaigua, N. Y.
 Porter Co., 241 Water, New York
 Pritchard Stamping Co., Rochester, N. Y.
 Smith of N. Y. Co., 352 Pearl, New York

7225— Lanterns (Electric)

Attacho Light Co. ("Attacho"), Syndicate Trust bldg, St. Louis, Mo.
 Beacon Electric Works ("Friars"), 132 King, New York
 Hytee's Factories, Inc. ("Two-Cell"), Indianapolis, Ind.
 Jenks Lantern Co. ("Jenks"), 208 N 5th av, Chicago, Ill.
 Millar R. M. Electric Works ("Handy Andy"), 9 S Clinton, Chicago, Ill.
 Stewart-Skinner Co., Worcester, Mass.

7226—Lanterns (Eye Testing)

Gray Peter & Sons (Inc.), 286 Third, East Cambridge, Mass.

7227— Lanterns (Japanese)

Kyoto Mfg. & Trading Co., 31 E 17th, New York
 Morimura Bros., 55 W 23d, New York

7228— Lanterns (Police)

Knapp Mfg. & Supply Co. ("Bull's Eye"), 241 Water, New York
 National Enameling & Stamping Co., 411 5th av, New York
 Smith of N. Y. Co., 352 Pearl, New York

7229— Lanterns (Railway)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
 Armspear Mfg. Co. (Wire & Steel Guard), 447 W 53d, New York
 Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Dayton Mfg. Co., Dayton, O.
 Defiance Lantern & Stamping Co., Rochester, N. Y.

Dewey F. O. Co., 28 Canal, Boston, Mass.
 Dietz R. E. Co., 60 Laight, New York
 Dressel Railway Lamp Works, 3860 Park av, New York

Gray Peter & Sons, Inc. (Conductors, Signal, Switch, Tail, etc), 286 Third, East Cambridge, Mass.

Handlan, Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.

Keystone Lantern Co. ("Casey"), Tacony & Cottman, Phila., Pa.

Pritchard Stamping Co., Rochester, N. Y.
 Rochester Head Light Works (Jas. H. Kelly, Prop.), Rochester, N. Y.

St. Louis Lantern Co., 18 Lucas av, St. Louis, Mo.

Smith of N. Y. Co., 352 Pearl, New York
 Standard Oil Co. of N. Y., 555 W 25th, New York

Star Headlight & Lantern Co., Rochester, N. Y.

Tufts National Meter Co., 455 Commercial, Boston, Mass.

7230—Lanterns (Tubular, Etc.)

Acorn Brass Mfg. Co. ("Uni-Lite" Kerosene Oil or Gasoline), 526 S Clinton, Chicago, Ill.
 American Gas Machine Co., Albert Lea, Minn.
 Buhl Stamping Co., Detroit, Mich.
 Burchwell Mfg. Co. ("Bright Eye"), Pontiac bldg, St. Louis, Mo.

Defiance Lantern & Stamping Co., Rochester, N. Y.

Dietz R. E. Co., 60 Laight, New York
 Economy Gas Lamp Co. (Gasoline), 213 Goodrich, Kansas City, Mo.

Embury Mfg. Co., ("Midget" & "Camlox"), Warsaw, N. Y.

Iddings Co. ("Peerless," "Buckeye"), Warren, Ohio

Keystone Lantern Co. ("Casey"), Tacony & Cottman, Phila., Pa.

Knight Light Co., 351 W Chicago av, Chicago, Ill.

Lisk Mfg. Co. (Ltd.), ("Lisk," Cold Blast), Canandaigua, N. Y.

National Marine Lamp Co., Forestville, Conn.

Pritchard Stamping Co. ("Prisco"), Rochester, N. Y.

Standard Oil Co. of N. Y., 555 W 25th, New York

Tures Mfg. Co. (Gasoline), 394 6th, Milwaukee, Wis.

Wheeling Stamping Co. ("Paul's Leader," Cold & Hot Blast, also Short Globe Cold Blast), Wheeling, W. Va.

Yale Light Co. (Gasoline), 541 Washington blvd, Chicago, Ill.

7231— Lariats

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Samson Cordage Works, Broad, Boston, Mass.

7232— Larries

Alliance Machine Co., Alliance, Ohio
 Anderson W. H. Tool & Supply Co. (For Stone & Timber), Brush & Macomb, Detroit, Mich.

Atlas Car & Mfg. Co. (Electric Car), Cleveland, O. *See adv index at end of book*

Atlas Engineering Co., Amherst, O. *See adv index at end of book*

Chattanooga Car & Foundry Co. (Coke), Chattanooga, Tenn.

Connellsville Mach. & Car Supply Co., Connellsville, Pa.

Helmick Foundry & Machine Co. (Coke Oven Charging), Fairmont, W. Va.

JEFFREY MFG. CO. (Coke Ovens), 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*

Niles Mine & Mill Supply Co., Cleveland, O.

Phillips Mine & Mill Supply Co. (Coke Oven), 2227 Jane, Pittsburgh, Pa.

Schaefer Mfg. Co. (Coke), Birmingham, Ala.

Scottdale Machine & Mfg. Co. (Electric Coal & Coke Oven Charging), Scottdale, Pa.

Wellman-Seaver-Morgan Co., Cleveland, O.

See adv index at end of book

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Hunt, Helm, Ferris & Co. ("Harvard" & "Star" Automatic), Harvard, Ill.
 Kohler F. E. Co., Canton, O.
 Lawrence Bros. (Automatic & Regular), Sterling, Ill.
 National Mfg. Co. (All Steel), Sterling, Ill.
 Peck Hardware Mfg. Co. ("Gem," "Security," "Jewell"), Berlin, Wis.
 Penn Hardware Co., Reading, Pa.
 Porter J. E. Co., Ottawa, Ill.
 Reading Hardware Co., Reading, Pa.
 Richards-Wilcox Mfg. Co., Aurora, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Safety Door Hanger Co., Ashland, O.
 Sargent & Co., New Haven, Conn.
STANLEY WORKS (also Garage), New Britain, Conn.
See adv index at end of book
 Stover Mfg. Co., Freeport, Ill.
 Wagner Mfg. Co. ("Daisy"), Cedar Falls, Ia.
 Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
 Wrightsville Hdw. Co. (Wrought), Wrightsville, Pa.

Latches (Cupboard)

See Catches, Cupboard, Screen Door, etc

7235— Latches (Fire Door)

Aurora Door Hanger & Spec. Co., Aurora, Ill.
 Brewer Bros. Co. (Wrought, for Sliding Fire Door), 614 Filbert, Phila., Pa.
 Peters Jas. & Son ("Wrought" Iron), 1934 N Front, Phila., Pa.
 Richards-Wilcox Mfg. Co. (Steel), Aurora, Ill.
 Slaymaker Lock Co., Lancaster, Pa.
 Stover Mfg. Co., Freeport, Ill.
 Stowell Co. The, S Milwaukee, Wis.
 Vonnegut Hardware Co. ("Don Duprin"), Indianapolis, Ind.

7236—Latches (Fire Station, Bumper & Door Holder)

Chicago Spring Butt Co. ("Chicago"), 334 Union Park ct, Chicago, Ill.

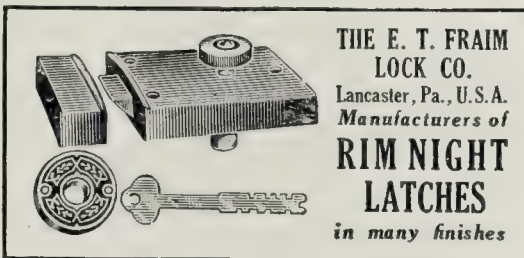
7237— Latches (Gate)

Allith-Prouty Co. ("Allith," for Gate Cold Storage Door, etc), Danville, Ill.
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
 Auer Jno. Jr. (Wrought), 199 Middleton, Brooklyn, N. Y.
 Brewer Bros. Co. (Wrought, with Catch & Staple), 614 Filbert, Phila., Pa.
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.
 Chantrell Hardware & Tool Co., Reading, Pa.
 Columbus Brass Co., 538 Dublin av, Columbus, O.
See adv index at end of book
 Dent Hardware Co. (Secret), Fullerton, Pa.
 Duffy Mfg. Co. ("Chicago"), 214 W Grand av, Chicago, Ill.
 Grey Iron Casting Co. ("Donegal"), Mt. Joy, Pa.
 Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.
 Penn Hardware Co., Reading, Pa.
 Reading Hardware Co., Reading, Pa.
 Richards-Wilcox Mfg. Co. ("Wilcox-Ericson" Double Acting Steel), Aurora, Ill.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Sargent & Co., New Haven, Conn.
STANLEY WORKS, New Britain, Conn.
See adv index at end of book
 Susquehanna Casting Co., Wrightsville, Pa.
 Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
 Western Brass Mfg. Works (Reversible Office, etc), Marshall blvd & W 21st, Chicago, Ill.
 Wrightsville Hardware Co. ("Shepard's" "St. Louis" Pattern, etc), Wrightsville, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York

7238— Latches (Lavatory)
 Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

7239— Latches (Night)

Bohannon Wilson, 760 Lexington av, B'klyn, N. Y.
 Chantrell Hardware & Tool Co., Reading, Pa.
 Climax Co., 275 Passaic, Newark, N. J.
 Corbin P. & F., New Britain, Conn.
 Deltz Alonzo E. (Tubular Run, Mortise, etc), 73 Clymer, Brooklyn, N. Y.
 Eagle Lock Co., Terryville, Conn.
 Fraim E. T. Lock Co. ("Keystone" & "Fraim"), Lancaster, Pa.
See adv index at end of book



Huber Mfg. Co. ("Huber," "Gibraltar," "Victor," "Barnes"), 417 E 93d, New York
 Miller J. Walter Co., Lancaster, Pa.
 Miller Lock Co. ("Champion," "Lincoln" & "Miller" Run), 4523 Tacony, Phila., Pa.
 Penn Hardware Co. ("Heizmann"), Reading, Pa.
 Romer & Co., 275 Passaic, Newark, N. J.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Safe Padlock & Hardware Co., Lancaster, Pa.
 Sargent & Greenleaf Co., Rochester, N. Y.
 Skillman Hardware Mfg. Co., Trenton, N. J.
 Slaymaker Lock Co., Lancaster, Pa.
 Yale & Towne Mfg. Co., 9 E 40th, New York

7240—Latches (Refrigerator)

Allith-Prouty Co. ("Allith"), Danville, Ill.
 Arcade Mfg. Co., Freeport, Ill.
 Brainerd Mfg. Co., East Rochester, N. Y.
 Dent Hardware Co., Fullerton, Pa.
 Greene, Tweed & Co., 109 Duane, New York
 Payson Mfg. Co. ("Universal"), 2918 W Jackson blvd, Chicago, Ill.
 Penn Hardware Co., Reading, Pa.
 Safe Padlock & Hardware Co., Lancaster, Pa.
 Tiebout W. & J., 118 Chambers, New York
 Western Brass Mfg. Works (Brass, Bronze & Malleable Iron, Japanned), Marshall blvd & W 21st, Chicago, Ill.

7241—Latches (Screen & Storm Door)

Corbin P. & F., New Britain, Conn.
 Watrous Acme Mfg. Co., Des Moines, Ia.

7242— Latches (Shutter)

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd. & W 21st, Chicago, Ill.

Latches (Sliding Door)

See Locks & Latches, Sliding Door

7243— Latches (Spring)

Hardware Supply Co., Grand Rapids, Mich.

Latches (Thumb)

See Latches, Gate

7244—Latches (Water Closet)

Corbin P. & F., New Britain, Conn.
 Ives H. B. Co., New Haven, Conn.
 Russell & Erwin Mfg. Co., New Britain, Conn.
 Yale & Towne Mfg. Co., 9 E 40th, New York

7244a—*Laterals (Flanged)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

7245-6—Lath Binders & Trimmers

American Sawmill Machinery Co., Hackensack, N. J.
 Butterworth & Lowe (Combined), Grand Rapids, Mich.
 Chase Turbine Mfg. Co., Orange, Mass.
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
 Diamond Iron Works, 2nd & 18th, Av N, Minneapolis, Minn.
 Filler & Stowell Co., Milwaukee, Wis.
 Garland M. Co., Bay City, Mich.
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
 Lane Mfg. Co., Montpelier, Vt.
 Lyon Iron Works, Greene, N. Y.
 Mitts & Merrill, 1939 S Water, Saginaw, Mich.
 Murray D. J. Mfg. Co., Wausau, Wis.
 Phoenix Mfg. Co. (Lath Bundler), Eau Claire, Wis.
 Standard Saw Mill Machy. Co., Erie, Pa.
 Wickes Bros., Saginaw, Mich.
See adv index at end of book

Lath Bolters

See Lath Mills & Bolters

7247— Lath (Expanded Metal)

American Rolling Mill Co. ("Imperial," "Spiral"), Middletown, O.
 American Sheet Metal Lath Co., 426 3d av, Brooklyn, N. Y.
 Berger Mfg. Co. ("B. B."), Canton, O.
 Bostwick Steel Lath Co., Niles, O.
 Brier Hill Steel Co. ("Cleveland," "Economy," "Garry"), Youngstown, O.
 Consolidated Expanded Metal Co.'s, Braddock, Pa.
 Corrugated Bar Co., Buffalo, N. Y.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 Eastern Expanded Metal Co., 201 Devonshire, Boston, Mass.
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Expanded Metal Engineering Co., 101 Park av, New York
 Expanded Metal Fireproofing Co., 541 Wood, Pittsburgh, Pa.
 Garry Iron & Steel Co. ("Cleveland"), Niles, O.
 General Fireproofing Co. ("Herringbone," "Key"), Youngstown, O.
 Horner W. S. & Co. (Steel or Iron), Oliver bldg, Pittsburgh, Pa.
 Hastings Foundry & Iron Works, Hastings, Neb.
 Milwaukee Corrugating Co. ("Netmesh" Expanded Diamond), Milwaukee, Wis.
 Northwestern Expanded Metal Co. ("Chanelath," "Kno-Burn"), Old Colony bldg, Chicago, Ill.
 Penn Metal Co. ("Penco," "Hampton"), 201 Devonshire, Boston, Mass.
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
 Reeves Mfg. Co., Dover, O.
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
 Sharon Steel Hoop Co. ("Mahoning"), Youngstown, O.
 Sykes Metal Lath & Roofing Co., Niles, O.
 Trussed Concrete Steel Co. (Kahn System), Youngstown, O.

7248— Lath (Metal)

See also Lath, Expanded Metal

American Luxfer Prism Co., 1018 37th, Chicago, Ill.
 American Rolling Mill Co. ("Kuhne's Clincher"), Middletown, O.
 American Sheet & Tin Plate Co. ("Cambridge Rigid Reversible"), Frick bldg, Pittsburgh, Pa.
 Berger Mfg. Co. of Calif., 1120 Mission, San Francisco, Cal.
 Bostwick Steel Lath Co. ("Bostwick" Truss-Loop, Painted & Galvanized), Niles, O.
 Brier Hill Steel Co., Youngstown, O.
 Brooklyn Metal Ceiling Co. ("Brooklyn"), 285 Greene av, Brooklyn, N. Y.
 Burton W. J. Co., Junction & Leavitt av, Detroit, Mich.
 Consolidated Expanded Metal Co.'s (Diamond), Braddock, Pa.
 Corrugated Bar Co., Buffalo, N. Y.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

EDWARDS MFG. CO., 545-565 Eggleston av., Cincinnati, O.
See adv index at end of book
Garden City Sand Co., Chamber of Comm. bldg., Chicago, Ill.
General Fireproofing Co. ("Genfire"), Youngstown, O.
Goldsmith Metal Lath Co. ("Shurbond"), 53 Central av., Cincinnati, O.
Hayes Geo. Co., 71 8th av., New York
Horner & Co. (Steel or Iron), W. S. Oliver bldg., Pittsburgh, Pa.
Merchant & Evans Co., 2035 Washington av., Phila., Pa.
See adv index at end of book
Meurer Bros. Co., 575 Flushing av., Brooklyn, N. Y.
Penn Metal Ceiling & Roofing Co. (Ltd.) ("American" & "Penn"), 23d & Hamilton, Phila., Pa.
Penn Metal Co. ("Penco," "Hampton"), 201 Devonshire, Boston, Mass.
Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.
Reeves Mfg. Co., Dover, O.
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.
Sharon Steel Hoop Co. ("T. & C."), Youngstown, O.
Sykes Metal Lath & Roofing Co., Niles, Ohio
Trussed Concrete Steel Co. (Kahn System), Youngstown, O.
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Crescent"), Wheeling, W. Va.

7249—Lath Mills & Bolters

Abbott D. S. Co. (Combined Gang), Olean, N. Y.
Adams S. & Son (Lath Mills only), Rome, N. Y.
ALLIS CHALMERS MFG. CO., Milwaukee, Wis.
See adv index at end of book
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
American Woodworking Mach. Co., Rochester, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Butterworth & Lowe (Combination), Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Conner J. W. & Son (Combined), Orangeville, Pa.
Curtis & Co. Mfg. Co., 1571 Klienlen av., St. Louis, Mo.
Diamond Iron Works, 2nd & 18th Av N, Minneapolis, Minn.
Filler & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Howell R. R. & Co., 31st av., Minneapolis, Minn.
Kline Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, Ohio.
Lane Mfg. Co. (Combination), Montpelier, Vt.
Lyon Iron Works (Gang), Greene, N. Y.
Mitts & Merrill (Combination), 1939 S Water, Saginaw, Mich.
Moltz Jacob J. (Combined), Williamsport, Pa.
Murray D. J. Mfg. Co., Wausau, Wis.
Newman Machine Co., Greensboro, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Smith H. B. Machine Co., Smithville, N. J.
Smith, Myers & Schnier Co., Cincinnati, O.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.
United States Machine Co. (Combined or Separate), Williamsport, Pa.
Wheland Co. (Combined), Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7250—Lath (Oblong Mesh)

Consolidated Expanded Metal Co.'s (Designated A & B), Braddock, Pa.

7251—Lath (Wire)

BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y.
See adv index at end of book
Clinton Wire Cloth Co., Clinton, Mass.
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.

MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.
See adv index at end of book
New Jersey Wire Cloth Co., Trenton, N. J.
ROGERS WIRE WORKS (INC.), Belleville, N. J.
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.
See adv index at end of book

7252—Lath & Picket Mills

Abbott D. S. Co., Olean, N. Y.
Adams S. & Son, Rome, N. Y.
American Woodworking Mach Co., Rochester, N. Y.
Butterworth & Lowe, Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Curtis & Co. Mfg. Co., 1571 Klienlen av., St. Louis, Mo.
Filler & Stowell Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Howell R. R. & Co., 31st av., Minneapolis, Minn.
Kenyon Lumber Co., Sandy Hill, N. Y.
Kline Lewis T., Alpena, Mich.
Lane Mfg. Co. (Lath), Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Murray D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
St. Croix Paper Co., 244 Washington, Boston, Mass.
Smith H. B. Machine Co., Smithville, N. J.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, Ohio
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7253—Lathe & Saw

Millers Falls Co. ("Champion," "Goodell"), 28 Warren, New York

Lathes (Axe Handle)

See Lathes, Handle Turning

PATENTS

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Washington Office: 625 F Street, Washington, D. C.

7254—Lathes (Axle Turning)

Bridgeford Machine Tool Works (Single & Double Head), Rochester, N. Y.
See adv index at end of book
Defiance Machine Works, Defiance, O.
Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Putnam Machine Co., Fitchburg, Mass.
Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.

7255—Lathes (Backing-Off or Relieving)

Schuchardt & Schutte, 90 West, New York

Lathes (Ball Turning)

See Lathes, Variety Turning

7256—Lathes (Barrel)

Oram John S. Co. (Barrel Turning), Cleveland, O.
Strait H. N. Mfg. Co., Kansas City, Kans.

7257—Lathes (Bench)

American Watch Tool Co. ("Webster-Whitcomb Lathes"), Waltham, Mass.
Ames B. C. Co. ("Ames" For Work up to 2½ inches), Waltham, Mass.
Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.
Diamond Machine Co. ("Diamond"), Providence, R. I.

Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (Amateur), Greenfield, Mass.
Hardinge Bros. (Precision), 4203 Ravenswood av, Chicago, Ill.
Hjorth Lathe & Tool Co (Precision), 27 School, Boston, Mass.
McWilliams Thomas, 237 Eddy, Providence, R. I.
Moseley Lathe Co., Elgin, Ill.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Rivett Lathe & Grinder Co. ("Rivett"), 2 Brooks, Brighton, Boston, Mass.
Seneca Falls Mfg. Co. ("Star"), Seneca Falls, N. Y.
Sloan & Chase Mfg. Co. (Ltd.) (& Attachments), 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark" Machinists'), Waltham, Mass.
See adv index at end of book
Up-To-Date Tool Co. (With Grinding Attachment), 60 K, So Boston, Mass.
Van Norman Machine Tool Co. (Machinists), Springfield, Mass.
Waltham Machine Works (Precision), Waltham, Mass.
Welch T. F. Co., 55 Sudbury, Boston, Mass.
Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

Lathes (Bobbin)

See Spool & Bobbin Machinery

7258—Lathes (Bolt & Stud)

See also Lathes, Turret

Bradford Machine Tool Co., Cincinnati, O.
Johnson I. H. Jr., Co., 337 N 15th, Phila., Pa.
Niles-Bement-Pond Co., 111 B'way, New York
Reed-Prentice Co. (14 & 16 inch Swing), Worcester, Mass.

7259—Lathes (Brass Finishers')

American Tool & Machine Co. ("Fox"), 10 High, Boston, Mass.
Bardons & Oliver, Cleveland, O.
Dresses Machine Tool Co., Cincinnati, O.
Foster Machine Co., Elkhart, Ind.
Grabo E. O. Machine Works, 180 Centre, New York
Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
Le Blond R. K. Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pratt & Whitney Co., Hartford, Conn.
Prybil P. Machine Co., 520 W 41st, New York
Springfield Machine Tool Co., Springfield, Ohio
Warner & Swasey Co., Cleveland, O.

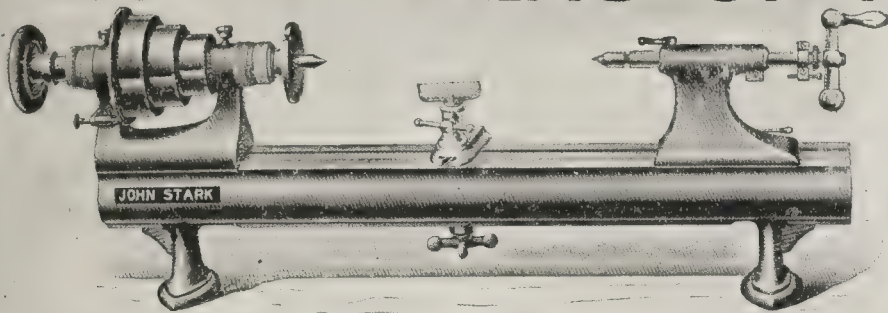
Lathes (Broom Handle Turning)

See Broom Handle Machinery; also Lathes, Handle Turning

7260—Lathes (Buffing & Polishing)

Arvac Mfg. Co. ("Jenny" Electric Grinder, Buffer & Polisher), Anderson, Ind.
Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
Automatic Buffing Machine Co., Buffalo, N. Y.
Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.
Bradley H. C., Bridgeport, Conn.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Builders' Iron Foundry ("Builders"), 9 Codding, Providence, R. I.
Chicago Wheel & Mfg. Co. ("Eureka"), 1101 W Monroe, Chicago, Ill.
Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.
Diamond Machine Co. ("Diamond"), Providence, R. I.
Evans Jno. Sons, 506 N 13th, Phila., Pa.
Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
Gardner Machine Co. (Ball Bearing), Beloit, Wis.
Goodell-Pratt Co., Greenfield, Mass.
Grabo E. O. Machine Works, 180 Centre, New York
Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

LATHE IDEAS OF NOWADAY



No. 4 STARK PRECISION BENCH LATHE.

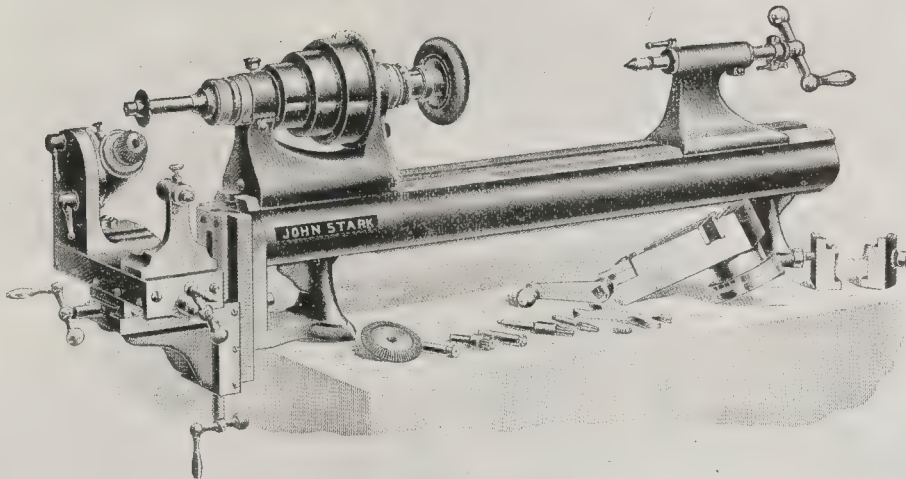
Length of bed 38", distance between centers 20". Lathe swings 9" and chuck capacity for stock from 1-64" to 1/2" clear through. Equipped with Stark Patent Anti-Friction Draw-in Spindle and Anti-Friction Ball Bearing End Thrust, which takes the strain off the bearings and does away with the back geared arrangement.

The Spindles and bearings are made of steel, hardened and ground to perfection, having angles of 3 degrees and 45 degrees. This principle is of great importance and is one of the essential features of the Stark Bench Lathes.

ECONOMY IN THE WORKSHOP

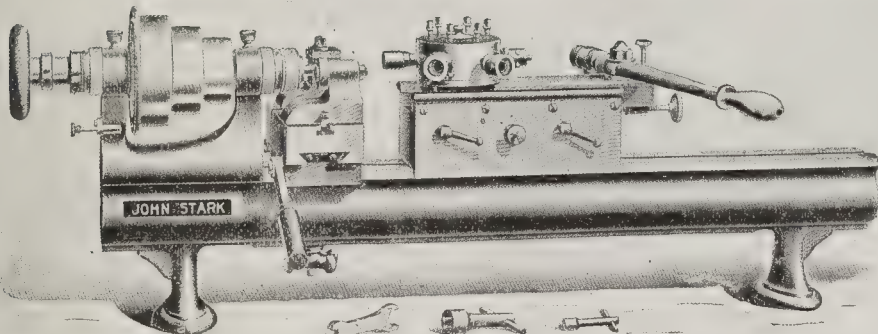
The Milling Attachment, is bolted to the angle iron which is cast with the bed, making it rigid and capable of accomplishing a large range of work. It has a lengthwise feed of 6", in and out feed 2 1/2" and up and down 4 1/2", with distance between centers 6". The height from bed to center is 3 1/2". This attachment takes the same chucks as are used in the lathe head.

We have demonstrated to the trade that spindles made with the taper bearings are more durable, last longer, and give better satisfaction than spindles made upon other principles.



No. 4 STARK PRECISION BENCH LATHE AND MILLING ATTACHMENT.

FOR ENGINEERS, TOOL MAKERS, ELECTRICIANS, ETC.



No. 4. STARK PRECISION BENCH LATHE WITH AUTOMATIC TURRET HEAD AND CUTTING-OFF AND FORMING REST.

The Automatic Turret Head has six 5/8" port holes to receive mills, drills, taps and dies, built strong and rigid, all the bearings and port holes are bushed with hardened steel, taking the place of a screw machine.

The cutting off and forming is suited for a variety of irregular formed pieces. The cutters are turned to the forms required, and only have to be ground on the face when sharpened.



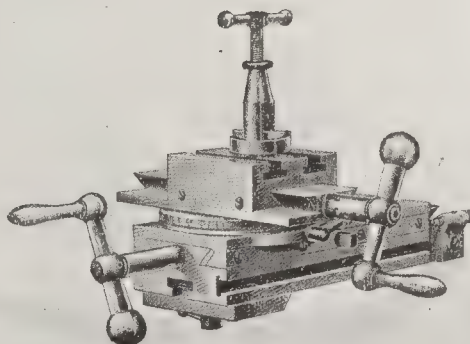
No. 4 Wire Chuck,
Capacity of
chuck 1/4"

FIVE YEARS AHEAD OF THEM ALL.

The nose of the spindle has a thread cut 10 pitch, which is hardened and ground to a perfect standard to receive Universal Chucks, and also a supporter for step chucks. This gives a greater advantage when using the Universal chuck as the work may pass clear through the spindle.

STARK TOOL CO.

MAKERS OF
PRECISION BENCH LATHES
WALTHAM, MASS., U. S. A.



COMPOUND SLIDE REST.

“A Word to the Wise”

Buyers will often save time

by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.

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 Middleditch Benj., Detroit, Mich.
 Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.
 Munning-Loeb Co., Matawan, N. J.
 Noble & Westerbrook Mfg. Co. ("Northampton"), Hartford, Conn.
See adv index at end of book
 Oliver Machy. Co., Grand Rapids, Mich.
 Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Prybil P. Machine Co., 520 W 41st, New York
 Racine Electric Co., 53 W Jackson blvd, Chicago, Ill.
 Roth Bros. & Co., 1400 W Adams, Chicago, Ill.
 Safety Emery Wheel Co., Springfield, O.
 Springfield Mfg. Co., Bridgeport, Conn.
 Stevens Frederick B., 3d & Larned, Detroit, Mich.
 Superior Corundum Wheel Co., Waltham, Mass.
 Tanite Co., Stroudsburg, Pa.
 Valley City Machine Works, Grand Rapids, Mich.
 Webster & Perks Tool Co. (Self-Oiling), Springfield, O.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

7261—Lathes (Car & Driving Wheel)

Betts Machine Co. (For Driving Wheels), Maryland av & South, Wilmington, Del.
 Niles-Bement-Pond Co., 111 B'way, New York
 Putnam Machine Co., Fitchburg, Mass.
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Lathes (Carving)

See Wood Carving Machines

Lathes (Chasing)

See Lathes, Brass Finishers'

Lathes (Chucking)

See Chucking Machinery

Lathes (Crank Pin)

See Crank Pin Turning Machine

Lathes (Crank Shaft Turning)

See Lathes, Shaft Turning; also Crank Pin Turning Machines

7262—Lathes (Cutting Off)

Hurlbut-Rogers Machinery Co., South Sudbury, Mass.
 Le Blond R. K., Machine Tool Co., Cincinnati, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pratt & Whitney Co., Hartford, Conn.
 Putnam Machine Co., Fitchburg, Mass.

7263—Lathes (Die Reaming)

Morgan Construction Co., Worcester, Mass.

Lathes (Drill)

See Lathes, Hand & Drilling

Lathes (Driving Wheel)

See Lathes, Car & Driving Wheel

7264—Lathes (Engine)

Advance-Rumeley Co., Laporte, Ind.
 American Tool Works Co., Cincinnati, O.
 Asco Machine Tool Co., Cincinnati, O.
 Barker, W. M. & Co., Covington, Ky.
 Barnes Drill Co., Rockford, Ill.
 Boye & Emmes Machine Tool Co., Cincinnati, O.
 Bradford Machine Tool Co. (14 to 42-inch Swing), Cincinnati, O.
 Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
 Carroll Jamieson Machine Tool Co. (14-inch Quick Change), Batavia, O.
 Champion Blower & Forge Co. ("Lancaster"), Lancaster, Pa.

Champion Tool Works Co. (12 to 18 in. Swing Screw Cutting), Cincinnati, O.
 Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.
 Cincinnati Lathe & Tool Co., North Oakley, Cincinnati, O.
 Cisco Machine Tool Co., Cincinnati, O.
 Dalton Machine Co. ("Dalton"), 1911 Park av, New York
 Davenport Locomotive Wks., Davenport, Ia.
 Davis Machine Tool Co. ("Davis"), Rochester, N. Y.
 Driggs Mfg. Corp. (20 to 65 inch Single & Double Back Gear), New Haven, Conn.
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
 Fay Machine Tool Co. ("Fay" Automatic), 2d & Glenwood av, Phila., Pa.
 Fay & Scott, Dexter, Mo.
 Flather & Co. (Screw Cutting, etc, 13 to 28-inch Swing), Nashua, N. H.
 Gisholt Machine Co., Madison, Wis.
 Grammes L. F. & Sons, Allentown, Pa.
 Greaves, Klusman Tool Co., Cincinnati, O.
 Hamilton Machine Tool Co. (14 to 48-inch), Hamilton, O.
 Harris-Corliss Engine & Machine Co. ("Providence"), Park, Providence, R. I.
 Hendey Machine Co. (Hendey 12 to 24-inch Swing, Belt-Cone & All Geared Drives, English & Metric Thread Cutting, Belt & Motor Driven), Torrington, Conn.
 Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
 Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
 Lehmann Machine Co., 606 S B'way, St. Louis, Mo.
 Leland-Gifford Co., Worcester, Mass.
 Lodge & Shipley Machine Tool Co., Cincinnati, O.
 McCabe J. J. ("2 in 1"), 149 B'way, New York
 Mafreto Machine & Tool Co., Worcester, Mass.
 Mann Chas. A., 166 Doyle av, Providence, R. I.
 Myers Machine Tool Co., Columbia, Pa.
 National Engineering & Tool Works, Oak Park, Ill.
 National Lathe Co., Cincinnati, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Ober Mfg. Co., Chagrin Falls, O.
 Oliver Machinery Co., Grand Rapids, Mich.
 Pittsburgh Machine Tool Co. (Heavy, 27 to 76, 27 to 84), Braddock, Pa.
 Porter-Cable Machine Co., Syracuse, N. Y.
 Porter Machine Works, Hatfield, Mass.
 Pratt & Whitney Co., Hartford, Conn.
 Putnam Machine Co., Fitchburg, Mass.
 Rahn-Larmon Co., Cincinnati, O.
 Reed-Prentice Co. (12 to 30 inch Swing), Worcester, Mass.
 Reed Hardware & Mfg. Co. (Screw Cutting), Cairo, Ill.
 Robbins Machine Co. (12, 14 & 15-inch Swing), Worcester, Mass.
 Rockford Lathe & Drill Co., Rockford, Ill.
 Rockford Tool Co. (15-inch), Rockford, Ill.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Schuchardt & Schutte, 90 West, New York
 Sebastian Lathe Co., Covington, Ky.
 Seneca Falls Mfg. Co. ("Star," "Seneca Falls," "Quick Change," Foot & Power Screw Cutting, 9, 11 & 13 inch sizes), Seneca Falls, N. Y.
 Shepard Lathe Co. (Foot & Powder), 207 E 6th, Cincinnati, O.
 Sidney Tool Co., Sidney, O.
 Simplex Machine Tool Co., Cleveland, O.
 Smith Cannery Machine Co., Seattle, Wash.
 South Bend Lathe Works, South Bend, Ind.
 Springfield Machine Tool Co. ("Ideal" 14, 16 & 18 in. Swing), Springfield, O.
 United States Lathe & Machine Co. (Screw Cutting), Cincinnati, O.
 Valley Machine Co., Parkersburg, W. Va.
 Walcott Lathe Co. (14 to 36 inch Swing), Jackson, Mich.
 Westlund C. G. Co. ("Westlund" 16 & 20-inch Swing, Single & Double Back), 498 Millbury, Worcester, Mass.
 Whitcomb-Blaisdell Machine Tool Co., Worcester, Mass.
 Wickes Bros., Saginaw, Mich.
See adv index at end of book
 Willard Machine & Tool Co., Covington, Ky.
 Worcester Lathe Co., Worcester, Mass.
 Worthington Pump & Machy. Corp., 115 B'way, New York

7265—Lathes (Extension Gap)

Barnes Brill Co., Rockford, Ill.
 Fay & Scott, Dexter, Me.
 Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
 Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
 Rahn-Larmon Co., Cincinnati, O.
 Simplex Machine Tool Co., Cleveland, O.

Lathes (Face)

See Lathes, Pattern Makers'

7266—Lathes (Facing)

Reed-Prentice Co. (22 & 24-inch Swing), Worcester, Mass.

7267—Lathes (Foot Power)

Barnes W. F. & John Co., Rockford, Ill.
 Grammes L. F. & Sons, Allentown, Pa.
 Mafreto Machine & Tool Co., Worcester, Mass.
 Mann Chas. A., 166 Doyle av, Providence, R. I.
 Niles-Bement-Pond Co., 111 B'way, New York
 Purdy Chester (9 & 10 Swing), Ghent, O.
 Sebastian Lathe Co., Covington, Ky.
 Seneca Falls Mfg. Co. ("Star"), Seneca Falls, N. Y.
 Shepard Lathe Co. (Turret), 207 E 6th, Cincinnati, O.

7268—Lathes (For Turning Sugar Cane Rolls)

Blymer Iron Works Co., Cincinnati, O.
 Swooy Julian M., 913 Girod, New Orleans, La.

Lathes (Forging)

See Lathes, Engine.

7269—Lathes (Forming)

Dreses Machine Tool Co., Cincinnati, O.
 Meriden Machine Tool Co., Meriden, Conn.
 Niles-Bement-Pond Co., 111 B'way, New York
 Reed-Prentice Co. (16-inch Swing), Worcester, Mass.

Lathes (Fox Monitor)

See Lathes, Brass Finishers

Lathes (Gap)

See Lathes, Engine.

7270—Lathes (Gauge)

American Woodworking Machinery Co., Rochester, N. Y.
 Bental & Margedant Co., Hamilton, O.
 Fay J. A. & Egan Co., Cincinnati, O.
 Goodspeed Machine Co., Winchenden, Mass.
 Smith H. B. Machine Co. (Brown & Howe's Automatic), Smithville, N. J.
 Trevor Mfg. Co., Lockport, N. Y.
 Whitney Baxter D. & Son (Black Knife), Winchenden, Mass.

Lathes (Granite Column)

See Machinery, Stone Polishing

Lathes (Granite Polishing)

See Machinery, Stone Polishing; also Lathes Stone Polishing

7271—Lathes (Grinding)

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.
 Pratt & Whitney Co., Hartford, Conn.
 Tindel Morris Co. ("Tindel Allbrecht"), Eddystone, Pa.

7272—Lathes (Gun Stock)

Gilman & Son, Springfield, Vt.

7273—Lathes (Gun Turning & Boring)

See also Gun Barrel Turning Machines
 Bridgeford Machine Tool Works (Shell Turning & Boring), Rochester, N. Y.
See adv index at end of book
 Johnson I. H. Jr. Co., 337 No. 15th, Phila., Pa.
 Niles-Bement-Pond Co., 111 B'way, New York
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

7274—Lathes (Hand & Drilling)

Dresses Machine Tool Co., Cincinnati, O.
 Garvin Machine Co., 147 Varick, New York
 Johnson Israel H. Jr. Co., 337 N 15th, Phila., Pa.
 Mann Chas. A., 166 Doyle av, Providence, R. I.
 Meriden Machine Tool Co., Meriden, Conn.
 Niles-Bement-Pond Co., 111 Broadway, New York
 Oliver W. W. Mfg. Co. (Foot & Power), 1483 Niagara Buffalo, N. Y.
 Reed-Prentice Co. (9 to 26-inch Swing), Worcester, Mass.
 Seneca Falls Mfg. Co. ("Star," Foot & Power), Seneca Falls, N. Y.
 Whitcombe-Blaisdell Machine Tool Co., Worcester, Mass.

7275—Lathes (Handle Turning)

American Wood Working Machinery Co., Rochester, N. Y.
 Bradley H. C., Bridgeport, Conn.
 Defiance Machine Works (Hammer, Hatchet & Canthook), Defiance, O.
 Empire Machine Works, Mount Morris, N. Y.
 Fay J. A. & Egan Co., Cincinnati, O.
 Gerlach Peter Co. (Automatic for Turning & Boring for Pail, Tool & Other Short Handles), 1712 Winter, Cleveland, O.
 Kline Lewis T. (Automatic Broom Handle, etc), Alpena, Mich.
 Klotz Machine Co., Sandusky, O.
 Loetz Valve & Mfg. Co. ("Booth" Automatic), Monroeton, Pa.
 Ober Mfg. Co., Chagrin Falls, O.
 Pringle & Brodie, 514 S Canal, Chicago, Ill.
 Smith H. B. Machine Co., Smithville, N. J.
 Trevor Mfg. Co., Lockport, N. Y.
 Waymonth A. D. & Co., Fitchburg, Mass.
 Wilder Chas. W. (Auger, Paint Brush, File, etc), Fitchburg, Mass.

7276—Lathes (Hard Rubber)

Adamson Machine Co., Akron, O.
 Smith James M. (For Hard Rubber Turning), Seymour, Conn.

7277—Lathes (Hat Block)

Gilman & Son, Springfield, Vt.

Lathes (Ingot)

See Lathes, Engine

7278—Lathes (Insulator)

Defiance Machine Works (Turning & Threading), Defiance, O.

7279—Lathes (Jar Ring)

Adamson Machine Co., Akron, O.
 Birmingham Iron Foundry (Automatic), Derby, Conn.
 Thropp Wm. R. & Sons Co. (Automatic), Trenton, N. J.
THROPP'S JNO. E. SONS CO., ft of Lewis, Trenton, N. J.
See adv index at end of book

7279a—Lathes (Journal Truing)

Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*

7280—Lathes (Knob Turning)

Porter C. O. Machinery Co., Grand Rapids, Mich.

7281—Lathes (Knurling)

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7282—Lathes (Laboratory)

Butler-Edwards Electric Co., Easton, Pa.
 Ritter Dental Mfg. Co. ("Columbia" Electric), Rochester, N. Y.

7283—Lathes (Lacquering)

De Villbiss Mfg. Co. (For Pneumatic Brush Spraying), Toledo, O.

7284—Lathes (Last)

Gilman & Son, Springfield, Vt.
 Kimball Bros. & Sprague (Blocks & Turning), Brockton, Mass.

7285—Lathes (Manual Training)

Blount J. G. Co., Everett, Mass.
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
 National Woodworking Machine Co., Dover, N. H.
 Oliver Machinery Co., Grand Rapids, Mich.
 Reed-Prentice Co. (Wood Turning), Worcester, Mass.
 Seneca Falls Mfg. Co. ("Seneca Falls"), Seneca Falls, N. Y.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

Lathes (Marble Turning)

See Stone Sawing Machinery

Lathes (Metal Spinning)

See Lathes, Spinning

Lathes (Monitor)

See Lathes, Turret

Lathes (Neck-Yoke & Single-Tree)

See Neck Yoke & Singletree Machinery

Lathes (Oil Groove Cutting)

See Spiral Oil Grooving Machines

7286—Lathes (Optical Grinding)

Carr Jos. Co. (Also Discs), 132 N 7th, Phila., Pa.
 King Julius Optical Co. (Imp), 10 Maiden la, New York

7287—Lathes (Pattern Makers')

American Wood Working Machinery Co., Rochester, N. Y.
 Baldwin, Tuthill & Bolton ("Porter"), Grand Rapids, Mich.
 Bentel & Margedant Co., Hamilton, O.
 Blount J. G. Co. (Set-Over Swivel Tailstock, etc), Everett, Mass.
 Cordesman Rechlin Co., Butler, Cincinnati, O.
 Defiance Machine Works, Defiance, O.
 Fay J. A. & Egan Co., Cincinnati, O.
 Fay & Scott, Dexter, Me.
 Frank Machinery Co., Buffalo, N. Y.
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
 Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
 Oliver Machinery Co. (Face), Grand Rapids, Mich.
 Porter C. O. Machinery Co. ("Porter"), Grand Rapids, Mich.
 Purdy Chester, Ghent, O.
 Putnam Machine Co., Fitchburg, Mass.
 Robbins Machine Co., Worcester, Mass.
 Sidney Tool Co., Sidney, O.
 Simmons Machine Co. Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
 Valley City Machine Works, Grand Rapids, Mich.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

7288—Lathes (Pearl Button Turning)

Hess Machine Works, 2512 Callowhill, Phila., Pa.

Lathes (Polishing)

See Lathes, Buffing & Polishing

7289—Lathes (Precision)

See also Lathes, Watchmakers

American Watch Tool Co. (Screw Cutting), Waltham, Mass.
 Ames B. C. Co. ("Ames" Bench), Waltham, Mass.
 Elgin Tool Works (Bench), Elgin, Ill.
 Goodell-Pratt Co., Greenfield, Mass.
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Hjorth Lathe & Tool Co. (Bench), 27 School, Boston, Mass.
 Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
 Simplex Machine Tool Co., Cleveland, O.
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

STARK TOOL CO. ("Stark," Bench),

Waltham, Mass.

See adv index at end of book

Summit Machine Works ("Summit"), Worcester, Mass.
 Waltham Machine Works (Bench), Waltham, Mass.

Lathes (Projectile Boring & Turning)

See Lathes, Gun Turning & Boring

7290-1-2—Lathes (Pulley Turning)

American Tool Works Co., Cincinnati, O.
 Cincinnati Pulley Machinery Co. ("Striet"), Covington, Ky.
 Fay Machine Tool Co., 2d & Glenwood av, Phila., Pa.
 Niles-Bement-Pond Co., 111 B'way, New York
 Putnam Machine Co., Fitchburg, Mass.
 Reed-Prentice Co., Worcester, Mass.

7293—Lathes (Roll Turning)

See also Machinery, Rolling Mill

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
 Hyde Park Foundry & Machine Co., Hyde Park, Pa.
MESTA MACHINE CO., Pittsburgh, Pa.
See adv index at end of book
 Morgan Construction Co., Worcester, Mass.
 National Roll & Foundry Co., Avonmore, Pa.
 Philadelphia Roll & Machine Co., 23d & Washington av, Philadelphia, Pa.
 Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.
 Youngstown Foundry & Machine Co., Youngstown, O.

7294—Lathes (Roughing)

Boye & Emmes Machine Tool Co., Cincinnati, O.

For Extra Heavy Duty

USE

Bridgeford Lathes

Made by

Bridgeford Machine Tool Works
 Rochester, N. Y., U. S. A.

Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
 LeRoi Motor Co., West Allis, Wis.

7295—Lathes (Screw Cutting)

See also Lathes, Engine; also Lathes, Turret; also Screw Machines

American Tool Works Co. (Screw-Cutting Engine), Cincinnati, O.
 American Watch Tool Co. (Precision), Waltham, Mass.
 Automatic Machine Co. (Automatic for Worms & Screws), Bridgeport, Conn.
 Barker William & Co., Wheeler & Pleasant av, Cincinnati, O.
 Barnes W. F. & John Co. (Foot Power), Rockford, Ill.
 Bradford Machine Tool Co., Cincinnati, O.
 Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
 Champion Blower & Forge Co. ("Lancaster"), Lancaster, Pa.
 Cincinnati Iron & Steel Co. ("Clisco"), Cincinnati, O.
 Davis Machine Tool Co., Rochester, N. Y.
 Driggs Mfg. Corp., New Haven, Conn.
 Fay Machine Tool Co. (Automatic), 2d & Glenwood av, Phila., Pa.
 Fay & Scott, Dexter, Me.
 Flather & Co., Nashua, N. H.
 Grammes L. F. & Sons, Allentown, Pa.
 Greaves, Klusman Tool Co., Cincinnati, O.
 Hamilton Machine Tool Co., Hamilton, O.
 Harrington E. Son & Co., 17th & Callowhill, Phila., Pa.

Hendey Machine Co. ("Hendey," Belt & Motor Driven), Torrington, Conn.
 Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
 Le Blond R. K. Machine Tool Co., Cincinnati, O.
 Le Roi Motor Co., West Allis, Wis.
 Lodge & Shipley Machine Tool Co., Cincinnati, O.
 McCabe J. J., 149 B'way, New York
 Mafreo Machine & Tool Co., Worcester, Mass.
 Mann Chas. A., 166 Doyle av, Providence, R. I.
 Millholland W. K. Machine Co., Indianapolis, Ind.
 Monarch Machine Tool Co. ("Monarch"), Sidney, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Ober Mfg. Co., Chagrin Falls, O.
 Oliver Machinery Co., Grand Rapids, Mich.
 Perkins Machine Co., Lowell, Mass.
 Pittsburgh Machine Tool Co., Corey, Pittsburgh, Pa.
 Rahn-Larmon Co., Cincinnati, O.
 Reed-Prentice Co., Worcester, Mass.
 Sebastian Lathe Co. (Foot), Covington, Ky.
 Seneca Falls Mfg. Co. ("Star," "Seneca Falls"), Seneca Falls, N. Y.
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
 South Bend Lath Works, South Bend, Ind.
STARK TOOL CO. ("Stark" Chasing), Waltham, Mass.
See adv index at end of book
 Westlund C. G. Co. ("Westlund"), 498 Millbury, Worcester, Mass.

7296—Lathes (Shaft Turning)

American Tool Works Co., Cincinnati, O.
 Bridgeford Machine Tool Wks., Rochester, N. Y. *See adv index at end of book*
 Fitchburg Machine Works ("Lo Swing"), Fitchburg, Mass.
 Johnson I. H. Jr. Co., 337 N 15th, Phila., Pa.
 Le Blond R. K. Machine Tool Co., Cincinnati, O.
 Le Roi Motor Co., West Allis, Wis.
 Lodge & Shipley Machine Tool Co., Cincinnati, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Putnam Machine Co., Fitchburg, Mass.
 Springfield Machine Tool Co., Springfield, Ohio
 Tindel, Morris Co. ("Tindel Albrecht," Crank-Shaft, etc), Eddystone, Pa. & Ellwood City, Pa.

7296a—*Lathes (Shell Turning & Boring)

BRIDGEFORD MACHINE TOOL WKS., Rochester, N. Y.
See adv index at end of book

Lathes (Shoe Last Turning)

See Lathes, Last

7297— Lathes (Speed)

See also Lathes, Engine

American Woodworking Machinery Co., Rochester, N. Y.
 Blount J. G. Co., Everett, Mass.
 Diamond Machine Co. ("Diamond"), Providence, R. I.
 Fay & Scott, Dexter, Me
 Garvin Machine Co., 147 Varick, New York
 Grabo E. O. Machine Works (For Brass, etc), 180 Centre, New York
 Grimes & Harris, Leominster, Mass.
 Niles-Bement-Pond Co., 111 B'way, New York
 Oliver Machinery Co. (For Wood), Grand Rapids, Mich.
 Reed-Prentice Co. (16 to 30 in. Swing), Worcester, Mass.
 Sebastian Lathe Co., Covington, Ky.
 Seneca Falls Mfg. Co., Seneca Falls, N. Y.
 Washburn Shops, Worcester, Mass.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

7298— Lathes (Spinning)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Garvin Machine Co., 147 Varick, New York
GRABO E. O. MACHINE WORKS, 180 Centre, New York

Kane & Roach, Syracuse, N. Y.
 Manville E. J. Machine Co., Waterbury, Conn.
 Meriden Machine Tool Co., Meriden, Conn.
 Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book
 Niles-Bement-Pond Co., 111 B'way, New York
 Oliver Machinery Co., Grand Rapids, Mich.
 Parker Charles Co., Meriden, Conn.
 Prybail P. Machine Co., 520 W 41st, New York
 Purdy Chester, Ghent, O.
 Simplex Machine Tool Co., Cleveland, O.
 Stoll D. H. Co., Buffalo, N. Y.
 Wilcox Mfg. Co. ("Schulz"), 4824 W Lake, Chicago, Ill.

7299— Lathes (Spoke)

See also Lathes, Handle Turning; also Lathes, Wood Turning

Defiance Machine Works, Defiance, O.
 Fay J. A. & Egan Co., Cincinnati, O.
 Ober Mfg. Co., Chagrin Falls, O.
 Trevor Mfg. Co., Lockport, N. Y.

Lathes (Spool)

See Spool & Bobbin Machinery

7300— Lathes (Staff)

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
STARK TOOL CO. ("Stark" Automatic for Turning Staffs & Pinions for Clocks, Watches, etc), Waltham, Mass. *See adv index at end of book*

7301—Lathes (Stone Polishing)

Ellison Bros., Frankford, Phila., Pa.
 Hinds Thomas Co., Malone, N. Y.
 Lincoln Iron Works, Rutland, Vt.
 Patch F. R. Mfg. Co., Rutland, Vt.
 Perkins Lloyd (For Sawing & Polishing, Rocks, Minerals, etc), Middleboro, Mass.
 St. Cloud Iron Works Co., St. Cloud, Minn.

7302— Lathes (Strapping)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
 Springfield Mfg. Co., Bridgeport, Conn.

7303— Lathes (Treenail)

Trevor Mfg. Co., Lockport, N. Y.

7304— Lathes (Trimming)

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
 Manville E. J. Machine Co., Waterbury, Conn.
 Waterbury, Farrel Foundry & Machine Co., Waterbury, Conn.

7305— Lathes (Turntable)

Pratt & Whitney Co. (With Cross Sliding Turntable), Hartford, Conn.

7306— Lathes (Turret)

See also Screw Machines

Acme Machine Tool Co. (Flat), Cincinnati, O.
 American Tool Works Co., Cincinnati, O.
 American Tool & Machine Co. ("Fox" Brass Finishers), 10 High, Boston, Mass.
 Bardons & Oliver (All Kinds), 1133 W 9th, Cleveland, O.
 Bradford Machine Tool Co., Cincinnati, O.
 Bullard Machine Tool Co. ("Standard" Vertical & Combination Turret), Bridgeport, Conn.
 Davies Machine Tool Co. ("Davis" Turret Head Boring, Forming & Turning), Rochester, N. Y.
 Dodge H. C., 175 Old Colony av, Boston, Mass.
 Dreses Machine Tool Co. (Universal), Cincinnati, O.
DUFF MFG. CO., N S, Pittsburgh, Pa.
See adv index at end of book
 Fay & Scott, Dexter, Me.
 Foster Machine Co., Elkhart, Ind.
 Garvin Machine Co., 147 Varick, New York

Gisholt Machine Co. (For Both Bar & Chucked Work, 13 to 14½ inches, also Automatic for Chucking Work), Madison, Wis.
 Greaves, Klusman Tool Co., Cincinnati, O.
 International Machine Tool Co. ("Libby"), Indianapolis, Ind.
 Jones & Lamson Machine Co. (Flat), Springfield, Vt.
 Le Roi Motor Co., West Allis, Wis.
 Lodge & Shipley Machine Tool Co., Cincinnati, Ohio
 Mafreto Machine & Tool Co., Worcester, Mass.
 Meriden Machine Tool Co., Meriden, Conn.
 Millholland W. K. Machine Co., Indianapolis, Ind.
 National Acme Mfg. Co. ("Gridley" Multiple Spindle Automatic), 7500 Stanton av, S E, Cleveland, O.
 New Britain Machine Co. ("New Britain," Multiple Spindle Automatic), 190 Chestnut, New Britain, Conn.
 Oliver Machinery Co., Grand Rapids, Mich.
 Pierce Machine Tool Co., 617 W Jackson Blvd, Chicago, Ill.
 Potter & Johnston Machine Co. (Double Turret Manufacturing), Pawtucket, R. I.
 Pratt & Whitney Co., Hartford, Conn.
 Rahn-Larmon Co., Cincinnati, O.
 Reed-Prentice Co. (22 to 24-inch Swing), Worcester, Mass.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Shepard Lathe Co., 207 E 6th, Cincinnati, Ohio
 Springfield Machine Tool Co., Springfield, Ohio
 Steinle Turret Machine Co. (Full Swing, Side Carriage), Madison, Wis.
 Symington T. H. Co., Rochester, N. Y.
 Warner & Swasey Co. (Hollow, Hexagon, Turret Screw, etc), Cleveland, O.
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.
 Wood Turret Machine Co. (The Tilted Turret), Brazil, Ind.

7307—Lathes (Variety Turning)

Bentel & Margedant Co., Hamilton, O.
 Bradley H. C., Bridgeport, Conn.
 Defiance Machine Works (Also Variety Boring), Defiance, O.
 Fitchburg Machine Works ("Lo-Swing"), Fitchburg, Mass.
 Frary Mfg. Co. (Automatic Wood Turning), Charlemon, Mass.
 Kline Lewis T. (Automatic), Alpena, Mich.
 Mattison C. Machine Works, Beloit, Wis.
 Ober Mfg. Co., Chagrin Falls, O.
 Pringle & Brodie Co., 514 S Canal, Chicago, Ill.
 Waymoth A. D. & Co. (Self-Centering & Self-Adjusting, etc), Fitchburg, Mass.
 Wilder Chas. W. (For Small Turnings of All Kinds), Fitchburg, Mass.
 Wright Chas. E. Co., Kenilworth, N. J.
 Yates P. B. Machine Co., Beloit, Wis.

7308— Lathes (Veneer)

See Veneer Cutting Machines

7309—Lathes (Watchmakers')

See also Lathes, Precision

American Watch Tool Co. ("Webster-Whitcomb"), Waltham, Mass.
 Davenport Machine Tool Co. (Automatic Staff Lathes for Watch Pinions), New Bedford, Mass.
 Derbyshire F. W., Waltham, Mass.
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Moseley Lathe Co., Elgin, Ill.
 Rivett Lathe & Grinder Co., Brighton, Boston, Mass.
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

7310— Lathes (Winding)

Pittsburgh Machine Tool Co., Braddock, Pa.
 Sommerfeld Machine & Mfg. Co. (For Winding Coils), 216 2d av, Pittsburgh, Pa.

7311—Lathes (Wood Polishing)

Bradley H. C., Bridgeport, Conn.
 Oliver Machinery Co., Grand Rapids, Mich.

7312—Lathes (Wood Pulley)

Defiance Machine Works, Defiance, O.

7313—Lathes (Wood Working)American Sawmill Machinery Co., Hack-
ettstown, N. J.American Wood Working Machy. Co.,
Rochester, N. Y.Artistic Wood Turning Works (Automat-
ic), 515 W Halsted, Chicago, Ill.Badger Gas & Gasoline Engine Co., Kansas
City, Kans.Baldwin, Tuthill & Bolton, Grand Rap-
ids, Mich.

Barnes W. F. & John Co., Rockford, Ill.

Bentel & Margendant Co. (Spokes, Han-
dles, etc), Hamilton, O.

Carey W. W. Co., Lowell, Mass.

Cordesman, Rehtin Co., Butler, Cincin-
nati, O.

Defiance Machine Works, Defiance, O.

Fay J. A. & Egan Co., Cincinnati, O.

Fay & Scott, Dexter, Me.

Hall & Brown Wood Working Machine
Co., 1913 N B'way, St. Louis, Mo.Jones Superior Machine Co., 1264 W North
av, Chicago, Ill.

Mattison C. Machine Works, Beloit, Wis.

National Woodworking Machine Co.,
Dover, N. H.

Ober Mfg. Co., Chagrin Falls, O.

Oliver Machinery Co., Grand Rapids,
Mich.Porter C. O. Machinery Co., Grand Rapids,
Mich.

Power L. & Co., 20 S 23d, Phila., Pa.

Pringle & Brodie Co. (Back Knife Variety
Turning), 514 S Canal, Chicago, Ill.Prybil P. Machine Co., 520 W 41st, New
York

Purdy Chester, Ghent, O.

Sebastian Lathe Co., Covington, Ky.

Seneca Falls Mfg. Co., Seneca Falls, N. Y.

Sidney Tool Co., Sidney, O.

Smith H. B. Machine Co., Smithville,
N. J.Trevor Mfg. Co. (Turnings up to 8 in),
Lockport, N. Y.Valley City Machine Works, Grand Rap-
ids, Mich.Waymoth A. D. & Co. (Variety, etc),
Fitchburg, Mass.

Wilder Chas. W., Fitchburg, Mass.

7314—Lathes (Worm Threading)Automatic Machine Co. (Automatic),
Bridgeport, Conn.**7315—Lathes (Yacht Spar)**

Trevor Mfg. Co., Lockport, N. Y.

7316—Lathes (Zinc)Midland Foundry & Machine Works Co.,
2156 15th, Denver, Colo.Pacific Tank & Pipe Co. (For Cutting Zinc
Shavings), Los Angeles, Cal.**7317—Laughing Galleries**Ingersoll Construction Co., 324 4th av,
Pittsburgh, Pa.**Launches**See Motor Boat, Launch & Yacht Build-
ers**Laundry Dryers**

See Clothes Dryers

Laundry Irons (Electric)

See Sad Irons, Electric

Laundry Irons (Gas)

See Sad Irons

**7318—Laundry Tubs (Artificial
Stone)**

Adams E. G., Kingston, N. Y.

Anchor Stone Co., 2937 Lyndale, S Minne-
apolis, Minn.Chicago Granitine Mfg. Co. ("Granitine,"
"Princess," "Snow White"), 3619
Wall, Chicago, Ill.Elsmere Granite Co. ("Elsmere-Grani-
tine"), 1752 N Spaulding av, Chicago,
Ill.Hardin Lavin Co., 4543 Cottage Grove av,
Chicago, Ill.Household Granite Tub Co., New Haven,
Conn.Kingston Granite Tub Works, Kingston,
N. Y.Mineral Products Co. ("Xyno" Stone),
Rhinelander, Wis.New Haven Granite Works ("Blue Rock"),
New Haven, Conn.

Peerless Granite Co., Town of Union, N. J.

Reilly J. F. & Co. ("Star" Cement), San
Francisco, Cal.Robinson Stoneware Co., 250 Greenpoint
av, Brooklyn, N. Y.Wessels D. D. (Cement), 1300 12th, De-
troit, Mich.**Laundry Tubs (Enameled Iron)**

See Bath Tubs, Enameled Iron

7319—Laundry Tubs (Euclid Stone)

Euclid Mfg. Co., Paden City, W. Va.

Euclid Stone & Brick Co. (& Lakewood
A. A. Grade), Cleveland, O.**7320—Laundry Tubs (Glazed Fire
Clay)**Gladding, McBean & Co., Crocker bldg,
San Francisco, Cal.**Laundry Tubs (Porcelain)**

See Bath Tubs, Porcelain

7321—Laundry Tubs (Slate)

ALBERT G. G. & CO., Bangor, Pa.

American Slate Co., Easton, Pa.

Auld & Conger Co., 942 Prospect, Cleve-
land, O.

Bangor Central Slate Co., Bangor, Pa.

Bangor Slate Co., Bangor, Pa.

Bangor Structural Slate Co., Bangor, Pa.

Cleveland Mantel & Tile Co., 1426 E 30th,
Cleveland, O.Clow Jas. B. & Sons, Franklin & Harri-
son, Chicago, Ill.East Bangor Consol. Slate Co., E Bangor,
Pa.Fair Haven Marble & Marbleized Slate Co.,
Fair Haven, Vt.

Hamann Slate Co., Bangor, Pa.

Hinchey Patrick F. & Co., Hydeville, Vt.

International Slate Co., Slatington, Pa.

Keenan Structural Slate Co., Easton, Pa.

Lehigh Structural Slate Mfg. Co., Bangor,
Pa.Monson Maine Slate Co., 112 Water, Bos-
ton, Mass.

Nelson N. O. Marble Co., Edwardsville, Ill.

New York Slate Works ("Empire"), 255 E
138th, New York

North Bangor Slate Co., Bangor, Pa.

Ontalaunce Slate Mfg. Co., Lynnport, Pa.

Peerless Slate Co., Delta, Pa.

Penrhyn Slate Co., Hydeville, Vt.

Phoenix Slate Co., Windgap, Pa.

Scotch Hill Slate Co., Fair Haven, Vt.

Shimer Slate Co., Bangor, Pa.

Slatington Slate Co., Slatington, Pa.

Snyder E. F., Slatington, Pa.

Union Soapstone Co., 14 Marshall, Boston,
Mass.Vermont Unfading Green Slate Co., Fair
Haven, Vt.

Williams Slate Co., Arvon, Va.

7322—Laundry Tubs (Soapstone)

Alberene Stone Co., 223 E 23d, New York

Butler Philip H. & Co., 197 B. S., Boston,
Mass.

Nelson N. O. Marble Co., Edwardsville, Ill.

Phoenix Soapstone Co., 71 Murray, New
YorkRobinson Stoneware Co., 250 Greenpoint
av, Brooklyn, N. Y.Troy Bros. & Co., 975 Massachusetts av,
Rox., Boston, Mass.Union Soapstone Co., 14 Marshall, Boston,
Mass.

Virginia Soapstone Co., Schuyler, Va.

7323—LavaAmerican Lava Co. ("Alco"), Chattanooga,
Tenn. See adv index at end of bookCrescent Burner Mfg. Co., 116 E 27th, New
YorkSteward D. M. Mfg. Co. ("Lavite"), Chat-
tanooga, Tenn.**7324—Lavatories (Folding)**Sands A. B. & Son Co. ("Sands"), 22 Vesey,
New York**7325—Lavatories (Ship)**

Bishop's Wm. Sons, 18 James, New York

Jenkins Mfg. Co., 20 Vesey, New York

NASON MFG. CO. (Jobbers), 71 Fulton,
New York See adv index at end of bookSands A. B. & Son Co. (Folding & Station-
ary), 22 Vesey, New YorkStandard Sanitary Mfg. Co., Bessemer
bldg, Pittsburgh, Pa.Webb F. W. Mfg. Co., 56 Elm, Boston,
Mass.**7326—Lavatories & Fittings**For Enamel or Porcelain Lined Iron Lava-
tories, see Bath Tubs, Enameled IronBarnes Mfg. Co. (Enameled Lavatories),
Mansfield, O.Barrett James Mfg. Co. ("Cutler," "Elba,"
"Hecla," "Midget," "Palma," "Thaba"
& "Tunis"), 117 Pearl, Boston, Mass.Blairsville Sanitary Co. (Enameled Iron),
Blairsville, Pa.Cahill Iron Works ("Southern Beauty"
Enameled Iron), Chattanooga, Tenn.Clow Jas. B. & Sons, Franklin & Harri-
son, Chicago, Ill.Columbia Sanitary Mfg. Co. (Enameled
Ware), Louisville, Ky.Dalton-Ingersoll Co., 171 High, Boston,
Mass.Detroit Sanitary Supply Co., 1191 2nd, De-
troit, Mich.

Douglas John Co., Carthage, Cincinnati, O.

Ebinger D. C. Sanitary Mfg. Co., 181
Lucas, Columbus, O.

Edwardsville Brass Co., Edwardsville, Ill.

Euclid Stone & Brick Co. (Shower Lava-
tories for Factories, Stone), Electric
bldg, Cleveland, O.Federal-Huber Co., 234 N Halsted, Chi-
cago, Ill.Fords Porcelain Works (Porcelain), Perth
Amboy, N. J.Haines, Jones & Cadbury Co. ("Hajoca,"
"Vitreo," "Regal" Porcelain Enam-
eled), 1136 Ridge av, Phila., Pa.Humphries Mfg. Co. (Enameled Iron, Por-
celain Lined), Mansfield, O.Jackson Potteries Co. Inc. (Toilet Closets
& Bowls), Fulton bldg, Pittsburgh, Pa.Kohler Co. (Enameled Iron Lavatories),
Sheboygan, Wis.McCambridge Co., 20th & Wood, Phila.,
Pa.

McVay-Walker Co., Braddock, Pa.

Manufacturing, Equipment & Engineer-
ing Co. (Individual Range, Wash
Bowls, Plain Iron Galvanized or Vitri-
fied Porcelain Enamel), 136 Federal,
Boston, Mass.

Mott J. L. Iron Works, Trenton, N. J.

NASON MFG. CO. (Jobbers), 71 Fulton,
New York See adv index at end of bookNelson N. O. Mfg. Co., 10th & Chestnut,
St. Louis, Mo.Nelson N. O. Marble Co. (Marble Lava-
tories), Edwardsville, Ill.

Peck Bros. & Co., New Haven, Conn.

Pittsburgh Brass Mfg. Co., Pittsburgh,
Pa.Rowe Sanitary Mfg. Co. (Sanitary), 210
Sixth av, Detroit, Mich.Rundle Mfg. Co., 27th & Wahl, Milwaukee,
Wis.Rundle-Spence Mfg. Co. (Fittings Only),
63 2d, Milwaukee, Wis.Standard Sanitary Mfg. Co., Bessemer
bldg, Pittsburgh, Pa.Watrous Co. ("Watrous," White Metal
Lavatory Fittings), 14 E Jackson
blvd, Chicago, Ill.Weiskittel A. & Son Co. (Enameled Iron),
12th & E Lombard, Baltimore, Md.Wheeling Sanitary Mfg. Co. (Enameled
Iron Lavatories), Wheeling, W. Va.Wolff L. Mfg. Co., 601 W Lake, Chicago,
Ill.

Lawn Furniture

See Fountains, Vases, etc.; also Settees & Chairs, Iron; also Settees & Chairs, Lawn; also Rustic Wood Work; also Swings, Lawn

7328—Lawn Mowers

American Lawn Mower Co. ("Favorite," "Advance," "Yale," "Columbia," "Sterling," "New Eclipse," "Pen-nant," "Liberty," "New Peerless," "Premier," Ball Bearing), Muncie, Ind.

Avery B. F. & Sons ("The Dewey" & "Princess"), Louisville, Ky.

Blair Mfg. Co. ("Easy," "Universal," "Yankee"), Springfield, Mass.

Chadborn & Coldwell Co. ("Sunbeam," "Pastime," "Shamrock," "Goldcrest," "Royal Blue," "Aldine," "Delvan," "Lenox," "Sunset," "Excelsior," "New-burgh," "New Model," "Charmer," "Primrose," "Dexter," "Ventnor," "In-vincible," "Golden Glow," "Swift Cut-ter," "Tuxedo," etc), Newburgh, N. Y.

Clarinda Lawn Mower Co. ("Cardinal," "Daisy," "Universal"), Clarinda, Ia.

Clipper Lawn Mower Co. ("Clipper" Hand & Pony, Cuts Grass Any Height), Dixon, Ill.

Coldwell Lawn Mower Co. ("Lakewood," "Imperial," "Coldwell," Hand, Horse & Motor), Newburgh, N. Y.

Dille & McGuire Mfg. Co. ("Hand," "Dia-mond," "Star," "King," "Aero," "New England," "Matchless," "Perfection," "Glide," "Richmond," "Queen," "Western," "New Magic," "Supreme," "High Speed," "Greenwood"), Rich-mond, Ind.

Eclipse Lawn Mower Co. ("Eclipse," Self-Sharpening), Prophetstown, Ill.

Elwood Lawn Mower Mfg. Co., Elwood, Ind.

Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.

F. & N. Lawn Mower Co. ("Great Ar-row," "Ideal," "Crestlawn," "May Flower," "New American," "Auto," "Famous," "Admiral," "Director," "Baby Grand," Ball Bearing; "Worth-mower," "Victor," "Annex," "Clover Leaf," "Trojan," "Paragon," "Mel-rose," "Fenden," Plain Bearing), Richmond, Ind.

Granite State Mowing Machine Co. ("Gra-nite State," "Hampshire," "Queen," "New Mystic," "New Rover," "Lead-er"), Hinsdale, N. H.

Herschel R. Mfg. Co. ("Herschel"), Peo-ria, Ill.

Ideal Power Lawn Mower Co. ("Ideal"), Lansing, Mich.

Mast, Foss & Co. ("Buckeye" Ball Bear-ing, "Mascot"), Springfield, O.

Matthews & Boucher ("Genessee"), Roch-ester, N. Y.

Ney Mfg. Co., Canton, O.

Phila. Lawn Mower Co. ("Graham," "A," "Genuine," "Philadelphia," "All Day," "Dewey," "Drexel," "X. X.," "New," "College," "University," All Steel), 3107 Chestnut, Phila., Pa.

Reading Hardware Co. ("Reading"), Reading, Pa.

Stearns E. C. & Co. ("Stearns," "Match-less," "Royal," "Ball Bearing"), 450 Oneida, Syracuse, N. Y.

SUPPLIE-BIDDLE HARDWARE CO. ("Pennsylvania" Ball Bearing, "Con-tinental," "Great American" Ball Bearing, Self-Sharpening, "Bellevue" Ball Bearing, "New Quaker," "New Departure," "Girard," "Electric," "Westfield," "Daisy," "Orchid," "Shock Absorber"), 5th & Commerce, Philadelphia, Pa.

See adv index at end of book

Townsend S. P. & Co. (Lawn Mowers "Lyon," "Spider," "Victor," "Pre-mier," "Essex," "Orange," "Match-less," All Ball Bearing; "Townsend" Chain Roller Mower), Orange, N. J.

Whitaker Mfg. Co., 409 S Green, Chicago, Ill.

WHITMAN & BARNES MFG. CO. ("Diamond Special" & "Diamond Ball Bearing," "Junior," "Junior Special," "Electric," "Norka," Plain & Ball Bearing), Akron, O.

See adv index at end of book

Worcester Lawn Mower Co. ("Worcester," "Highland," "Homestead" & "Green Mountain," "Elm Park," "Wizard," "Commonwealth," "Mount Tour," "New England," "Tip Top"), Worces-ter, Mass.

7329—Lawn Mowers (Gasoline Mo-tor)

Coldwell Lawn Mower Co., Newburgh, N. Y.

Ideal Power Lawn Mower Co., Lansing, Mich.

Philadelphia Lawn Mower Co. ("Phila.," "Eagle," Improved Motor Lawn Mow-ers), 31st & Chestnut, Phila., Pa.

7330—Lawn Mowers (Horse)

Chadborn & Coldwell Co. ("New Excel-sior"), Newburgh, N. Y.

Coldwell Lawn Mower Co. ("Coldwells"), Newburgh, N. Y.

Phila. Lawn Mower Co. ("Eagle," "Pony," "Genuine Phila."), 31st & Chestnut, Phila., Pa.

SUPPLIE-BIDDLE HARDWARE CO. ("Pennsylvania"), 5th & Commerce, Phila., Pa. See adv index at end of book

Townsend S. P. & Co. ("Townsend's" Triple Ratchet), Orange, N. J.

7331—Lawn Sprinklers

Allen W. D. Mfg. Co., 570 Lake, Chicago, Ill.

American Foundry & Mfg. Co. ("Cactus," "Japanese," "Park," "National," "Pa-cific," "Imperial"), 11th & Herbert, St. Louis, Mo.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Cadwallader Thos. ("Champion" Lawn Spray), Salem, O.

Central Brass Stamping Co. ("Crescent Ring," "Handy," "Square Fountain"), Peoria, Ill.

Crabill Hose Clamp Co., Battle Creek, Mich.

Detroit Lead Pipe Works, Detroit, Mich.

Elkhart Brass Mfg. Co. ("Hoosier"), Elk-hart, Ind.

Enterprise Mfg. Co. of Pa. ("Enterprise"), 3d & Dauphin, Phila., Pa.

Hardware Supply Co. ("Triumph," "Rain-bow"), Grand Rapids, Mich.

Haydenville Co., Haydenville, Mass.

Hero Mfg. Co. ("Hero"), Gaul & Adams, Phila., Pa.

Jones M. D. Co., 73 Portland, Boston, Mass.

Kupferle John C. Fdry Co., 1st & Wright, St. Louis, Mo.

Landers, Frary & Clark ("Crown"), New Britain, Conn.

McGowan Jno. Co. ("Rival," for Orchards, Gardens, etc), 52 Central, Cincinnati, Ohio

Neumeyer H. F. & Son ("New"), Macun-gle, Pa.

Noera Mfg. Co. ("Noera," "Waterbury"), Waterbury, Conn.

Novelty Mfg. Co. ("Niagara"), Waterbury, Conn.

Parker Wire Goods Co. ("Eureka"), Wor-cester, Mass.

Peck Bros. & Co., New Haven, Conn.

Peoria Can Co. (Square or Round Spray), Peoria, Ill.

Rock Island Mfg. Co. (& Sprays), Rock Island, Ill.

Sherman H. B. Mfg. Co. ("Duo Nozzle," also Rose Sprinklers), Battle Creek, Mich.

Spray Engineering Co. ("Young Foun-tain," "Jack-in-the Box"), 93 Federal, Boston, Mass.

Standard Stamping Co. ("Fountain" & "Baby Fountain"), Marysville, O.

Stearns E. C. & Co. ("Stearns" Reversible), 450 Oneida, Syracuse, N. Y.

Stuber & Kuck Co. ("Perfect"), Peoria, Ill.

Thompson Mfg. Co., 2468 E 8th, Los Angeles, Cal.

Wilgus Mfg. Co. ("Wilgus"), Los Angeles, Cal.

7332—Leaching Apparatus (Tan-ners')

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

Turner Tanning Machy. Co., Peabody, Mass.

7333—Lead (Antimonial)

American Metal Co., 61 B'way, New York

American Smelting & Refining Co., 120 B'way, New York

Balbach Smelting & Refining Co., 580 Market, Newark, N. J.

Beer, Sondheimer & Co., 61 B'way, New York

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

Eagle Smelting & Refining Works, 233 B'way, New York

LEAVITT C. W. & CO., 34 Church, New York See adv index at end of book

Nassau Smelting & Refining Works, 607 W 29th, New York

Union Smelting & Refining Co., 14th & Av D, New York

United Lead Co., 111 B'way, New York

U. S. Metals Refining Co., 120 B'way, New York

7334—Lead (Bar)

American Lead Co., 3116 Penn av, Pitts-burgh, Pa.

American Smelting & Refining Co., 120 B'way, New York

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

Coates, Bennett & Reidenbach, Rochester, N. Y.

Detroit Lead Pipe Works, Detroit, Mich.

Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.

Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.

Lawrence Shot & Lead Co., Omaha, Neb.

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

United Lead Co., 111 B'way, New York

U. S. Indestructible Gasket Co., Church & Fulton, New York

See adv index at end of book

Lead (Black)

See Black Lead

7335—Lead (Blue)

Eagle Picher Lead Co. (The) ("Sublime"), 208 S La Salle, Chicago, Ill.

Picher Lead Co., Joplin, Mo.

7336—Lead Burning Outfits

Dyer G. H. Co., Cambridge, Mass.

Storage Battery Supply Co. (For Stor-age Batteries, etc), 239 E 27th, New York

Lead Calking

See Lead Wool

7337—Lead (Came)

Chadwick-Boston Lead Co., Boston, Mass.

Lewis John T. & Bros. Co., Lafayette bldg, Phila., Pa.

United Lead Co., 111 B'way, New York

7338—Lead Chromate

Drakenfeld B. F. & Co., 50 Murray, New York

7339—Lead (Glaziers')

Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.

7340—Lead Joint Remover

Smith A. P. Mfg. Co. ("French"), East Orange, N. J.

7340a—Lead (Lantern)

Chadwick-Boston Lead Co., Boston, Mass.

United Lead Co., 111 B'way, New York

7341—Lead (Pig)

American Metal Co., 61 B'way, New York

American Smelting & Refining Co., 120 B'way, New York

Balbach Smelting & Refining Co., 580 Market, Newark, N. J.

Coates, Bennett & Reidenbach, Rochester, N. Y.

Detroit Lead Pipe Works, Detroit, Mich.

Doerun Lead Co., Bonne Terre, Mo.

du Pont E. I., de Nemours & Co. (By-Products Division), Wilmington, Del.
Eagle Smelting & Refining Works, 233 B'way, New York
Foreign & Domestic Metal Co., Cleveland, O.
Granby Mining & Smelting Co., St. Louis, Mo.

Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.
Hendricks Bros., 49 Cliff, New York
Hennings V. & Sons, 330 Belmont av, Brooklyn, N. Y.

Hess Barney, 94 Van Dyke, Brooklyn, N. Y.

Honkamp Bros., 3951 Wentworth av, Chicago, Ill.

Humphreys E. C. Co., Book bldg, Detroit, Mich.

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.

Johnson J. D. Co., 54 Cliff, New York

Lawrence Shot & Lead Co., Omaha, Neb.

Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.

LUMEN BEARING CO., 200 Lathrop, Buffalo, N. Y.

See adv index at end of book

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

See adv index at end of book

Nassau Smelting & Refining Works, 609 W 29th, New York

National Copper Refining Co., Cleveland, Ohio

Ohio Metal Co., 1137 N 4th, Columbus, Ohio

Penna. Smelting Co., Benedum Trees bldg, Pittsburgh, Pa.

Pitcher Lead Co., Joplin, Mo.

Richards & Company (Inc.), 192 Beverly, Boston, Mass.

St. Joseph Lead Co., 61 B'way, New York

Trotter Nathan & Co. (Jobbers), 36 N Front, Phila., Pa.

Union Smelting & Refining Co., 14th & Av D, New York

United Lead Co., 111 B'way, New York

United Metals Selling Co., 42 B'way, New York

UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn. *See adv index at end of book*

U. S. Reduction Co., E Chicago, Ind.

U. S. Smelting, Ref. & Mining Co., 55 Congress, Boston, Mass.

Vernon Metal & Produce Co., 25 Beaver, New York

Vogelstein L. & Co., 42 B'way, New York

7342—Lead Pipe Couplings & Fittings

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

7343—Lead Pipe, Sheet & Pig Lead Mfrs.

American Lead Co., 3116 Penn av, Pittsburgh, Pa.

Baker Lead Mfg. Co., Worcester, Mass.

Blatchford E. W. Co., 230 N. Clinton, Chicago, Ill.

Bogue-Wensley Lead Co. (Lead, Pipe & Sheet), Denver, Col.

Chadwick-Boston Lead Co., Boston, Mass.

Charleston Lead Works, Charleston, S. C.

Columbia Smelting & Refining Works, 366 West, New York

Colwell Lead Co., 437 E 162d, New York

Detroit Lead Pipe Works, Detroit, Mich.

Du Bois Fred'k N. & Co., 247 9th av, New York

Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.

Eagle Smelting & Refining Works, 233 B'way, New York

Fleck Bros. Co., 44 N 5th, Philadelphia, Pa.

Gibson & Price Co., 623 St. Clair av, N E Cleveland, O.

Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.

Hungerford U. T. Brass & Copper Co. (Pig, Sheet & Pipe), 80 Lafayette, New York

Jacobson I. M. & Sons Co. (Lead Pipe), 70 Catherine, Detroit, Mich.

Johnson J. D. Co. (Lead Pipe Only), 54 Cliff, New York

Kahn Bros., 785 Humboldt, Brooklyn, N. Y.

Lang E. M. Co., Portland, Me.

Lawrence Shot & Lead Co. (Sheet Lead), Omaha, Neb.

Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

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MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.

Millar Chas. & Son Co., Utica, N. Y.

Nassau Smelting & Refining Works, 609 W. 29th, New York

National Lead Co., 111 B'way, New York

National Lead & Oil Co. (of Pa.), (Sheet Lead), Commonwealth bldg, Pittsburgh, Pa.

Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.

North American Smelting Co., 900 Thompson, Phila., Pa.

Phillips Lead & Supply Co., 91 S Main, Providence, R. I.

Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.

Rochester Lead Works, Rochester, N. Y.

Sandoval Zinc Co., 410 N Peoria, Chicago, Ill. Works: Sandoval, Ill.

Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.

Tillinghast L. H. Supply Co., 162 Dorance, Providence, R. I.

Turner Lead Co. (Lead Pipe), E St. Louis, Mo.

United Lead Co., 111 B'way, New York

U. S. Indestructible Gasket Co., Church & Fulton, New York

See adv index at end of book

Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

7344—Lead Refiners (Electrolytic)

U. S. Metals Refining Co., 120 B'way, New York

7345—*Lead Refining Plants

ALLIS-CHALMERS MFG. CO. (Complete Plants), Milwaukee, Wis.

See adv index at end of book

7345a—Lead (Tempering)

Chadwick Boston Lead Co., 162 Congress, Boston, Mass.

Lewis John T. & Bros. Co., Phila., Pa.

7346—Lead Traps, Bends & Ferrules

American Lead Co., 3116 Penn av, Pittsburgh, Pa.

Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.

Bogue-Wensley Lead Co., Denver, Colo.

Chadwick Boston Lead Co., 162 Congress, Boston, Mass.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Detroit Sanitary Supply Co., 1191 2d, Detroit, Mich.

Du Bois F. N. & Co., 247 9th av, New York

Johnson J. D. Co. (Traps & Bends Only), 54 Cliff, New York

National Lead Co., 111 B'way, New York

National Lead & Oil Co. (of Pa.), Commonwealth bldg, Pittsburgh, Pa.

Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.

Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.

Rochester Lead Works, Rochester, N. Y.

Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.

Smith J. R. & Co. ("J. R. S. Simplex" Ferrules), Mechanicsville, N. Y.

United Lead Co., 111 B'way, New York

Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

7347—Lead (Wedge & Monumental)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.

Bogue-Wensley Lead Co., Denver, Colo.

Chadwick-Boston Lead Co., Boston, Mass.

7348—Lead Wool

Bogue-Wensley Lead Co., Denver, Colo.

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

New York Lead Wool Co., 93 Nassau, New York

United Lead Co., 111 B'way, New York

7349—Lead & Block Tin (Ribbon)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.

Chadwick-Boston Lead Co., Boston, Mass.

United Lead Co., 111 B'way, New York

7350—Leaders (Cattle)

Covert Mfg. Co., Troy, N. Y.

Ely T. J. Mfg. Co. ("Krick's"), Erie, Pa.

Humason & Beckley Mfg. Co., New Britain, Conn.

Leavitt Mfg. Co., Urbana, Ill.

Peck, Stow & Wilcox Co., Southington, Conn.

Phillips M. T., Pomeroy, Pa.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Sargent & Co., New Haven, Conn.

Smith Seymour & Son, Oakville, Conn.

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

Leaders (Dog)

See Chains, Dog Leads

7351—Leadite For Pipe Joints

Leadite Co., Land Title bldg, Philadelphia, Pa.

7352—Leads (Gill Net)

Germann Bronze Co., Erie, Pa.

7353—Leads (Sounding)

Chadwick-Boston Lead Co., Boston, Mass.

United Lead Co., 111 B'way, New York

Wilcox, Crittenden & Co. (& Net), Middletown, Conn.

7354-5—Leaf (Composition)

Coe W. H. Mfg. Co., 74 Weybosset, Providence, R. I.

Swift M. & Sons, Hartford, Conn.

7356—Leather (Artificial)

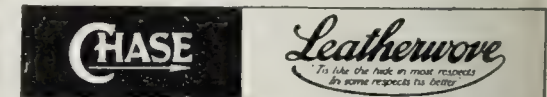
Athol Mfg. Co., Athol, Mass.

Barrell Wm. L. Co., 8 Thomas, New York

Boston Artificial Leather Co. (Morrocoline) Stamford, Conn.

Chase L. C. & Co. ("Chase Leatherwove" Leather Substitute for Furniture, Car Seats & Wall Covering), 89 Franklin, Boston, Mass.

See adv index at end of book



Cooks Linoleum Co., Trenton, N. J.

Diamond State Fibre Co., Elsmere, Del.

Fairfield Rubber Co., Fairfield, Conn.

Haartz J. C. (Inc.), 136 Federal, Boston, Mass.

Keratol Co. ("Keratol"), 348 Van Buren, Newark, N. J.

Landers Bros. Co. (Celluloid Imitation), Toledo, O.

Mutty L. J. Co., 175 Congress, Boston, Mass.

O'Bannon Corp., 30 State, Boston, Mass.

Pantasote Co. ("Pantasote" "Agasote" "Vehisote"), 11 Broadway, New York

Pantasote Leather Co., Passaic, N. J.

Pickens' Auto Cloth Co., 1777 B'way, New York

Sillcocks-Miller Co. ("Texodren" for Upholstering, etc), So. Orange, N. J.

Standard Oil Cloth Co., 320 B'way, New York

Weymouth Art Leather Co., East Weymouth, Mass.

7357—*Leather (Artificial-Imitation-Substitute)

DU PONT FABRIKOID CO. ("Fabrikoid," "Rayntite," a substitute for leather, used by upholsterers, bookbinders, carriage, bag, trunk, railway car & automobile manufacturers. Guaranteed better than coated split leather. Pliable, tough, will not peel, crack or chip. Not affected by water, grease, heat or cold. Standard with the United States Government. Samples & prices on application), Wilmington, Del.

For branch offices see adv index at end of book

7358—Leather (Automobile Tire)

Chicago Tanning Co., 130 W Austin av, Chicago, Ill.

Pfister & Vogel Leather Co., Milwaukee, Wis.

Wilder & Co., 228 W Lake, Chicago, Ill.

7359—Leather Butts, Bends Or Sides

Detroit Leather Specialty Co. ("Wear Well"), 275 Beecher av, Detroit, Mich.

Graton & Knight Mfg. Co., Worcester, Mass.

7360—Leather Covering For Iron Pulleys

Graton & Knight Mfg. Co., Worcester, Mass.

7360a— Leather Goods

See the Specific Articles Required

7361— Leather (Harness)

Allen Bona (Inc.), Buford, Ga.

Allen N. R. Sons Co., Kenosha, Wis.

American Hide & Leather Co., 1330 Elston av, Chicago, Ill.

Anstedt C. Leather Co., 560 Commerce, Milwaukee, Wis.

Armour Leather Co., 175 N Franklin, Chicago, Ill.

Atlantic Leather Co., 173 Wright, Newark, N. J.

Badger State Tanning Co., Sheboygan, Wis.

Bretney H. V. Co., Springfield, O.

California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.

Conrad Bros., 682 Commerce, Milwaukee, Wis.

England, Walton & Co., 3d & Vine, Phila., Pa.

Given R. & Son Co., Sidney, O.

Groezienger's G. Sons ("Helvetia"), Lancaster, Pa.

Haffner Bros. Co., 1130 Hopple, C W, Cincinnati, O.

Kroehle's A. Sons Co., Jennings rd, S W, Cleveland, O.

Kullman, Salz & Co., Benicia, Cal.

Loescher J. Tannery Co., Muskegon, Mich.

Mooney W. W. & Sons, Columbus, Ind.

Nickelsburg Bros. Co., Meadow, Newark, N. J.

Pfister & Vogel Leather Co., Milwaukee, Wis.

Reld Wm. W., 235 W. Lake, Chicago, Ill.

Shultz Belting Co. ("Sable Oak"), Bismarck & Barton, St. Louis, Mo.

Stifel Chas. F. Co., Preble & Juniata, N S Pittsburgh, Pa.

Trostel A. & Sons Co., 612 Commerce, Milwaukee, Wis.

United States Leather Co., 204 Essex, Boston, Mass.

Wilder & Co. (Jobbers), 228 W Lake, Chicago, Ill.

Williams I. B. & Sons, Dover, N. H.

Woelfel Leather Co., Morris, Ill.

Zeller G. F. & Sons, 272 Howard, Buffalo, N. Y.

7362—Leather (Hydraulic & Valve)

Auburn Leather Goods Co., Auburn, N. Y.

Auer C. A., Corry, Pa.

Bickford & Francis Belting Co., 55 Pearl, Buffalo, N. Y.

Chicago Rawhide Mfg. Co. ("Krome"), 1301 Elston av, Chicago, Ill.

Cowan Andrew & Co., Louisville, Ky.

Etsweiler William, 230 N 3d, Phila., Pa.

Graton & Knight Mfg. Co., Worcester, Mass.

Groezienger's G. Sons ("Helvetia"), Lancaster, Pa.

Hough Chas. N. Mfg. Co., Franklin, Pa.

Judd & Leland Mfg. Co., Clifton Springs, N. Y.

Kendrick Valve & Washer Co., Syracuse, N. Y.

Ladew Edw. R. Co., 54 Franklin, New York

National Leather Mfg. Co., Niles, Mich.

Page Belting Co., Concord, N. H.

Palmer N. & Co., Bridgeport, Conn.

Schieren Chas. A. Co., 30 Ferry, New York

Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.

7363— Leather (Mechanical)

Chicago Rawhide Mfg. Co. ("Krome" Water, Oil, Steam & Heat Proof), 1301 Elston av, Chicago, Ill.

Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.

7364—Leather Mechanical Goods

Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.

Ranville F. Co., Grand Rapids, Mich.

7365— Leather (Nail)

American Leather Products Co., Indianapolis, Ind.

Parker & Hafner, Williamsport, Pa.

7366—Leather (Patent & Enameled)

Allen Bona (Inc.), Buford, Ga.

American Leather Mfg. Co., 488 Frel av, Newark, N. J.

American Oak Leather Co., Kenner, Dalton & McLean avs, Cincinnati, O.

Ashtabula Hide & Leather Co., Ashtabula, Ohio

Atlantic Leather Co., 173 Wright, Newark, N. J.

Ballard Japanning Co., Woburn, Mass.

Beggs & Cobb Tanning Co., Boston, Mass.

Blanchard Bros. & Lane, 20 Bruen, Newark, N. J.

Bristol Patent Leather Co., 327 Arch, Phila., Pa.

Buckman & Kean Japanning Co., Woburn, Mass.

Clark H. W. Leather Co., Woburn, Mass.

Cleveland Tanning Co., Denison av & B. & O. R. R., Cleveland, O.

Conneaut Leather Co., Conneaut, O.

Dunn Green Leather Co., 32 South, Boston, Mass.

Eclipse Tanning Co., 119 Sussex av, Newark, N. J.

Fleet Frank E. Co., 112 Beach, Boston, Mass.

Foncar Mary M., Woburn, Mass.

Good Bros. Leather Co., 142 Frelinghuysen av, Newark, N. J.

Haley Patent Leather Co., Winchester, Mass.

Halsey J. H. & Smith, New, Newark, N. J.

Hopkinson Leather Co., Woburn, Mass.

Howell T. P. & Co., New, Newark, N. J.

Howell-Hinchman Co., Middletown, N. Y.

Kaufherr & Co., 42 Garden, Newark, N. J.

Kelly & McLaughlin, 93 Colden, Newark, N. J.

Kimball B. F. & Co., Woburn, Mass.

Lackawanna Leather Co., Hackettstown, N. J.

Lang Henry Co., 17th av, Newark, N. J.

McCormick E. H. & Sons, 2822 Spring Grove av, Newark, N. J.

Murray Japanning Co., Woburn, Mass.

Ohio Tanning Co., Av C, Cincinnati, O.

Ottawa Leather Co., 288 W Lake, Chicago, Ill.

Pfister & Vogel Leather Co., Milwaukee, Wis.

Radel Leather Mfg. Co., Hamburg pl, Newark, N. J.

Reilly John, 40 Av C, Newark, N. J.

Reilly P. & Son, Passaic av, Newark, N. J.

Riordan Leather Co., South, Newark, N. J.

Seton Leather Co., 62 Verona av, Newark, N. J.

Smith Hugh, 210 Central av, Newark, N. J.

Smith L. M. & Sons, 59 Lock, Newark, N. J.

Sommer H. F. & Co., 219 Hamburg pl, Newark, N. J.

Stengel Geo., Waverly, N. J.

Stengel & Rothschild, Main, Newark, N. J.

Straus M. & Sons, Frelinghuysen av, Newark, N. J.

Thayer Foss Co., 15 South, Boston, Mass.

Ward E. S. & Co., Waverly, N. J.

Woburn Leather Co., Woburn, Mass.

7367— Leather (Polishing)

Auer C. A., Corry, Pa.

Palmer N. & Co., Bridgeport, Conn.

Peckham Mfg. Co., 244 South, Newark, N. J.

7367a— *Leather Renovators

DU PONT CHEMICAL WORKS, 120 B'way, New York

7368—Leather Stuffing Apparatus

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

See adv index at end of book

7368a—*Leather Substitute Solutions

DU PONT CHEMICAL WORKS, 120 B'way, New York

Leathers (Clutch)

See Linings, Clutch

7368b—*Leathers (Moulded)

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.

See adv index at end of book

7369— Leathers (Pump)

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.

See adv index at end of book

Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.

Graton & Knight Mfg. Co. (Oak Tanned), Worcester, Mass.

Houghton E. F. & Co. ("Vim"), 240 Somerset, Phila., Pa.

Judd & Leland Mfg. Co., Clifton Springs, N. Y.

Kendrick Valve & Washer Co., Syracuse, N. Y.

Mark Mfg. Co., Evanston, Ill.

MYERS F. E. & BRO., 800 Orange, Ashland, O.

See adv index at end of book

Norwich Belt Mfg. Co. (Pump Valve), Norwich, Conn.

Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.

Palmer N. & Co., Bridgeport, Conn.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

7370— Leathers (Shaft)

Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.

Ledgers (Loose Leaf)

See Loose Leaf Devices

7371—Leggings (Sportsman's)

B. E. Mfg. Co. (Leather & Canvas "Benico"), 444 B'way, New York

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

Hagerstown Shoe & Legging Co. ("Halco"), Hagerstown, Md.

7372— Legs (Bench)

Chicago Hardware Foundry Co., North Chicago, Ill.

Garwood Bronze & Iron Works (Cast Iron), Garwood, N. J.

Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.

New Britain Machine Co. ("New Britain, Pressed Steel"), 190 Chestnut, New Britain, Conn.

Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. See adv index at end of book

7373— Legs (Closet Seat)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.

Grand Rapids Hand Screw Co., Grand Rapids, Mich.

Modern Iron Works, Quincy, Ill.

Shwab Bros. Co., 811 E 9th, New York

Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.

Wolff L. Mfg. Co., 601 West Lake, Chicago, Ill.

7374—Legs (Closet & Urinal Stall)

ALBERT G. G. & CO. (Brass), Bangor, Pa.
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Sanitary Mfg. Co. ("American"), Abingdon, Ill.
COLUMBUS BRASS CO., 538 Dublin av, Columbus, O.

See adv index at end of book

Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
McCambridge Co., 20th & Wood, Philadelphia, Pa.
Monarch Brass Co., Cleveland, O.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Ryan J. J. & Co., 104 S Jefferson, Chicago, Ill.
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.
Wolf L. Mfg. Co., 601 W Lake, Chicago, Ill.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

7375—Legs (Counter)

Wrightsville Hardware Co., Wrightsville, Pa.

7376—Legs (Drain Board)

Trenton Brass & Machine Co. (Telescoping), Trenton, N. J.

7377—Legs (Laundry Tub)

Cheney S. & Son, Manlius, N. Y.
Haines, Jones & Cadbury Co. ("Hajoca"), 1130 Ridge av, Phila., Pa.
Luther Grinder Mfg. Co., 285 S Water, Milwaukee, Wis.
Modern Iron Works, Quincy, Ill.
Union Foundry Co., Anniston, Ala.

7378—Legs (Lavatory)

American Brass & Copper Co. (Brass, Polished, Nickel, etc), 138 Lafayette, New York
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.
Crow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.
Douglas John Co., Carthage, Cincinnati, O.
Du Bois F. N. Co., 247 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.
See adv index at end of book
Mott J. L. Iron Works, Trenton, N. J.
Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.
Warren Brass Foundry, Warren, O.
Wolverine Brass Works, Grand Rapids, Mich.

7379—Legs (Sewing Machine Table)

Fisher Knitting Machine Co., Utica, N. Y.

7380—Legs (Sink & Wash Tray)

Acme Mfg. Co., Bangor, Me.
Bailey F. T. & Co., N. Scituate, Mass.
Central Foundry Co. (Cast Iron), 90 West New York
Cheney S. & Son, Manlius, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co. ("Hajoca" Cast Iron), 1130 Ridge av, Phila., Pa.
Luther Grinder Mfg. Co. ("Shur-on," "Detachable"), 285 S Water, Milwaukee, Wis.

7381-2—Legs (Table)

Ohio Scroll & Lumber Co., Covington, Ky.
South Bend Dowel Works, South Bend, Ind.
Stephenson Mfg. Co., South Bend, Ind.

Legs (Urinal)

See Legs, Closet & Urinal Stall

7383—Lehrs (Annealing, Window Glass)

Woods-Lloyd Co. ("Tondeur"), S 30th & Jane, Pittsburgh, Pa.

7384—Lenses

Allendorf Co. ("Moia," Photographic), Cleveland, O.
American Optical Co., Southbridge, Mass.
Atchison Optical Co., Atchison, Kans.
Apfel Philip Co., 54 John, New York

Bache, Semon & Co. (Imp.), 636 Greenwich, New York

Bausch & Lomb Optical Co. ("Centex," "Punktal," "Deltar," "Krypstok," "Ultrax" Ophthalmic Projection, "Teslar" & "Protar" Photographic), Rochester, N. Y.

Berger Albert & Co. ("W. B. & C."), 45 John, New York

Corning Glass Works ("Spredlite," Bullseye, Fresnel, for Ship Lights, Corrugated for Semaphores & Other Signals), Corning, N. Y.

Crown Optical Co. (Photographic), Rochester, N. Y.

Fry H. C. Glass Co., Rochester, Pa.
General Optical Co., 538 First av, New York

Genesee Optical Co. ("Toroid"), Rochester, N. Y.

Goerz C. P. American Optical Co. (Photographic), 317 E 24th, New York
Gundlach-Manhattan Optical Co. (Photographic), Rochester, N. Y.

Jefferson Glass Co. (Automobile, Railway Signal, Flashlight & Moving Picture) Follansbee, W. Va.

Libbey Glass Co., Toledo, O.

Murphy Geo. (Inc.) ("Boss" Photographic), 57 E 9th, New York

Optical Lens Co., Southbridge, Mass.

Pinkham & Smith Co. (Photographic), 288 Boylston, Boston, Mass.

Rodefer Glass Co. The (Pressed Bullseye Lenses for Pocket Flashlights, etc), Bellaire, O. *See adv index at end of book*

Sneath Glass Co. (All Colors), Hartford City, Ind.

Spencer Lens Co. (Photographic), Buffalo, N. Y.

Spencer Optical Co. (Optical), 5 Maiden la, New York

Taylor-Hobson Co. ("Cooke" Photographic), 1133 B'way, New York

Tilton Optical Co., Tilton, N. H.

United States Lens Co., Geneva, N. Y.

Volgtlander & Sohn, 240 E Ontario, Chicago, Ill.

Wollensak Optical Co. (Photographic, etc), Rochester, N. Y.

Wood William F. & Son (Toric), South Coventry, Conn.

7385—Lenses (Automobile Lamp)

American Spectacle Co., 1328 Broadway, New York

Bache, Semon & Co. (Imp.), 636 Greenwich, New York

Bausch & Lomb Optical Co., Rochester, N. Y.

Corning Glass Works, Corning, N. Y.

Fry H. C. Glass Co., Rochester, N. Y.

Holophane Glass Co., 340 Madison av, New York

Super Lighting Co. ("Controllite"), 1842 B'way, New York

Warner-Lenz Co., 914 S. Michigan av, Chicago, Ill.

Jefferson Glass Co., Follansbee, W. Va.

Lancaster Lens Co. ("Lancaster"), Lancaster, O.

Legalite Corp., 120 Boylston, Boston, Mass.

McKee Glass Co., Jeannette, Pa.

Macbeth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.

Matisse C. & A. (Condensing), 551 E 116th, New York

Saferlite Lens Co., 220 5th av, New York

7385a—*Letters (Brass & Bronze)

See also Numbers & Letters Metal

Newman Mfg. Co., 717 Sycamore, Cincinnati, Ohio, 68 W Washington, Chicago, Ill. *See adv index at end of book*

Letters (Changeable Building Directory)

See Building Directories, Changeable

7386—Letters (Glass)

Chicago Glass Novelty Co., Marion, Ind.

Herrlein & Henrich Co. (Cut), 97 Hudson, New York

7387—Letters (Milk Can)

Central Stamping Co., 172 Fulton, New York

National Enameling & Stamping Co., 411 5th av, New York

7388—Letters (Office Door)

Nytanday Letter & Design Co. ("Nytanday" Metal), 100 William, New York

7389—Letters (Porcelain Sign)

Brilliant Sign Letter Co., 478 6th av, New York

Cambridge Tile Mfg. Co., Covington, Ky.
Colonial Sign & Insulator Co. (For Electric Signs), Akron, O.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

7390—Letters (Sign)

Brilliant Sign Co., 1113 Locust, St. Louis, Mo.

Chicago Glass Novelty Co., Marion, Ind.

Metallic Sign Letter Co. (Metallic), 433 N Clark, Chicago, Ill.

7391—Letters (Sign, Cast Iron)

Benfield & Milne Mfg. Co., Woodside av, Newark, N. J.

Ziegler Bros. Co. (Removable Metallic), Elgin, Ill.

Letters (Transfer)

See Ornaments, Transfer

7392—Letters (Wood)

Bogert & Hopper (Enameled Wood) 67 Barclay, New York

Estes E. B. & Sons (Enameled, etc), 358 5th av, New York

See adv index at end of book

Spanjer Bros. (For Signs from 3 to 16 inches), ft Centre, Newark, N. J.

7393—Letters & Figures (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.

Grammes L. F. & Sons, Allentown, Pa.

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

7394—Letters & Figures (Harness)

Enterprise Mfg. Co., Akron, O.

7395—Letters & Figures (Pattern)

American Casting Co., Brooklyn, N. Y.

Brim A. W. (White Metal & Brass, Seneca Falls, N. Y.)

Butler A. G., 253 B'way, New York

Cleveland Galvanizing Works Co. (White Metal & Brass), Cleveland, O.

Crawford Supply Co. (White Metal), Bucyrus, O.

Everett A. & Son (White Metal & Brass), Auburn, N. Y.

Freeman Pattern Works, Toledo, O.

Hanson C. H. Co., 178 N Clark, Chicago, Ill.

Knight H. W. & Son (White Metal & Brass), Seneca Falls, N. Y.

McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.

Matthews Jas. H. & Co. (Pattern House, etc), 3942 Forbes, Pittsburgh, Pa.

Niagara Falls Metal Stamping Works (Steel, Brass & Aluminum), Niagara Falls, N. Y.

Oliver Machinery Co., Grand Rapids, Mich.

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

St. Louis Electrotpe Foundry, 214 Pine, St. Louis, Mo.

Shanafelt Mfg. Co., Canton, O.

Timmis & Clissold, Bound Brook, N. J.

Wellman Pattern Supply Co. (White Metal), Cleveland, O.

7396—Letters & Figures (Steel)

Allen, Doane & Co. ("Liberty Brand"), 29 Cornhill, Boston, Mass.

Cleveland Galvanizing Works, Cleveland, Ohio

Cleveland Steel Stamp Works, Cleveland, Ohio

Everett A. & Son, Auburn, N. Y.

Goodell-Pratt Co. (For Metal Stamping), Greenfield, Mass.

Hanson C. H. Co. (Machine Made, Cold Rolled), 178 N Clark, Chicago, Ill.

Keene Fred H. (Hand Cut), 149 Church, New York

Knight H. W. & Son (For Steel Stamping), Seneca Falls, N. Y.

Konigsloew E. Stamping & Tool Works, Cleveland, O.

Leonard Die & Seal Co. (Hand Cut), 522 S Clinton, Chicago, Ill.

Matthews Jas. H. & Co. (Hand Made), 3942 Forbes, Pittsburgh, Pa.

Molse-Klinkner Co., 1212 Market, San Francisco, Cal.

Newman Mfg. Co. (Lithographed), 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.

See adv index at end of book

Niagara Falls Metal Stamping Works (Also Stamp, Brass & Aluminum), Niagara Falls, N. Y.

Schoder & Lombard Engraving Co., 261 Canal, New York
 Schuchardt & Schutte, 90 West, New York
 Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. See adv index at end of book
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

7397—Levelers (Coke)

Alliance Machine Co. (Combined Pusher & Leveler), Alliance, O.
 Atlas Car & Mfg. Co. (Electric), Cleveland, O. See adv index at end of book
 Covington Machine Co. (For Bee-Hive Coke Ovens), Covington, Va.
 Gas Machinery Co., 1900 Euclid, Cleveland, O.
 Wellman-Seaver-Morgan Co., Cleveland, Ohio

7398—Levelers (Coopers')

White L. & L. J. Co., 120 Columbia, Buffalo, N. Y.

7399—Levelers (Roller, For Plates & Sheets)

HILLES & JONES CO., East Wilmington, Del. See adv index at end of book

7400—Levels

Acme Level Co., Toledo, Ohio
 Ainsworth Wm. & Sons ("Wye," "Dumpy"), Denver, Colo.
 Athol Machine Co. (Iron Pocket Plumbers', Machinists', Iron Bench, Carpenters', etc), Athol, Mass.
 Bausch & Lomb Optical Co. ("Wye," "Dumpy," "Precise," etc), Rochester, N. Y.
 Beckmann L. Co., Toledo, O.
 Redortha Bros., Windsor, Conn.
 Berger C. L. & Sons, 35 Williams, Boston, Mass.
 Bostrom-Brady Mfg. Co. ("Bostrom," Builders), Atlanta, Ga.
 Browne W. G. Mfg. Co. (Wood), Kingston, N. Y.
 Chapin-Stephens Co. (Adjustable & Non-Adjustable Machinists', Brass Cornered, etc), Pine Meadow, Conn.
 Crescent Tool Mfg. Co. (Brick Masons'), 1002 Cass av, St. Louis, Mo.
 Curtiss Geo. L. Co., Southington, Conn.
 Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.
 Disston Henry & Sons (Inc.), (Iron Shafting Pocket, Machinists', etc), Tacony, Phila., Pa.
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.
 Frost & Adams Co. ("Yankee" Compound), 37 Cornhill, Boston, Mass.
 Geier & Blum ("Wye"), Troy, N. Y.
 Goodell-Pratt Co. ("Richardson," "Stratton Level Co." Pocket, Bench, Engineers', Wood & Iron & Aluminum), Greenfield, Mass.
 Gurley W. & L. E. (Architects', Engineers', Contractors' & Builders', etc), Troy, N. Y.
 Helb Edward ("American" Combined Level & Grade Finder), Railroad, Pa.
 Heller & Brightly (Engineers), Dept. H, 1122 Spring Garden, Phila., Pa.
 Isard-Warren Co., ("Sterling") 136 N 12th, Philadelphia, Pa.
 Jackson S. R. ("Spirit," "Cooks" Pat. also "Davis & Cook" Graduated Aluminum Plumb & Level), Watertown, N. Y.
 Jennings C. E. & Co. ("C. E. J. & Co.'s" Iron, Hexagon, Adjustable, etc), 71 Murray, New York
 Keuffel & Esser ("Abney's," "Dumpy," "Locke's," Architects & Farm), Hoboken, N. J.
 King Level Works ("King Spirit"), Brighton, Mich.
 Kolesch & Co., 138 Fulton, New York
 Lietz A. Co., 61 Post, San Francisco, Cal.
 Millers Falls Co. (Iron), 28 Warren, New York
 Pease C. F. Co. (Contractors), 220 W Institute pl, Chicago, Ill.
 Pfister Wm. H. (Architects' & Builders'), 230 W 4th, Cincinnati, O.
 Prince L. M. Co., 108 W 4th, Cincinnati, O.
 Putnam Machine Co. (Iron, Machinists', etc), Fitchburg, Mass.
 Queen-Gray Co. (Architects', Engineers', etc), 618 Chestnut, Phila., Pa.
 Robinson M. W. Co. ("Davis" Patent Iron), 203 37th, Brooklyn, N. Y.
 Sand J. & Sons (Plumbs & Levels, 1023 Rivard, Detroit, Mich.

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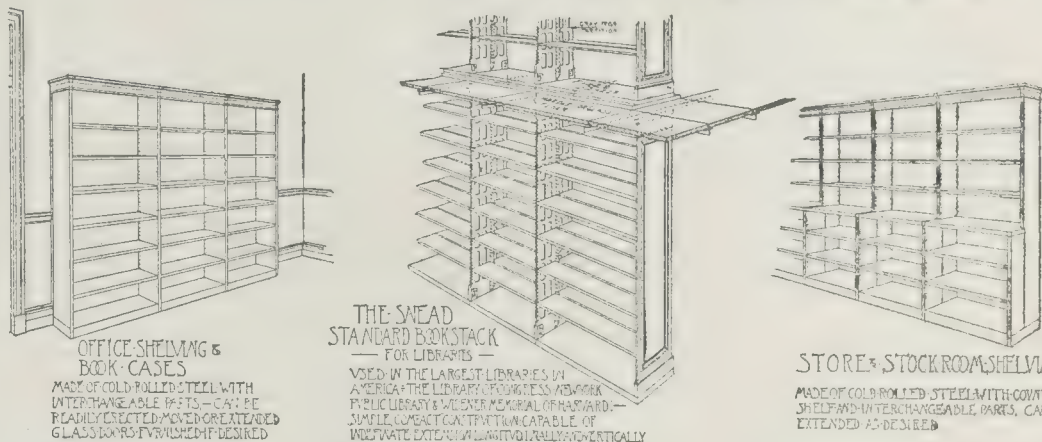
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 Southington Hardware Co. (Steel), Southington, Conn.
 Stanley Rule & Level Co. (Bit & Square, Iron, Wood, Pocket, etc), New Britain, Conn.
 STARRETT L. S. CO. (Iron, Adjustable Bench, etc), Athol, Mass.
 See adv index at end of book
 Stearns E. C. S. & Co. (Bit & Square), 450 Oneida, Syracuse, N. Y.
 Taylor Instrument Companies ("Tycos," "Abney"), Rochester, N. Y.
 See adv index at end of book
 Toledo Indicating Level Co., 1348 Nicholas blvd, Toledo, O.
 Ulmer J. C. Co. (Engineers', Architects' etc), Cleveland, O.
 Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.
 White David Co. (Architects' Convertible, Transit, Dumpy, Farm, Engineers' Y & "Locke's" Hand), 419 E Water, Milwaukee, Wis.
 Williamsburg Mfg. Co. (Machinists', Hex, Pocket, etc), Williamsburg, Mass.
 Woodwell Joseph Co. ("Jackson" Aluminum Line), 207 Wood, Pittsburgh, Pa.
 Wright Land Level Co. (Farm), Cave Spring, Ga.
 Young & Sons (Engineers', etc), 43 N 7th, Phila., Pa.

7401—Levels (Track)

Aldon Co., 3333 W Ravenswood av, Chicago, Ill.
 Buda Co. ("McManus" Combined Track Gauge Level, etc), Railway Exchange bldg, Chicago, Ill.
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.
 Chapin-Stephens Co., Pine Meadow, Conn.
 Disston Henry & Sons (Inc.), (Levels & Gauges), Tacony, Phila., Pa.
 Fairbanks, Morse & Co. ("Duplex," "McHenry," etc), 900 S Wabash av, Chicago, Ill.
 Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.
 Irving Mfg. & Tool Co., 157 Chambers, New York
 Jackson S. R. ("Cook"), Watertown, N. Y.
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.
 Sheffield Car Co. ("The McHenry"), Three Rivers, Mich.
 Verona Tool Wks., Verona, Pa., & Pittsburgh, Pa.

7402—Levers (Automobile Control)

Halladay L. P. Co. (Side), Streator, Ill.
 Mechanics' Machine Co., Rockford, Ill.
 OHIO FORGE CO. (Forged), Cleveland, O.
 See adv index at end of book
 Warner T. W. Co., Muncie, Ind.
 Western Drop Forge Co. (Drop Forged), P. O. Box 386, Marion, Ind.
 See adv index at end of book
 Western Tool & Forge Co., Brackenridge, Pa.

7403—Levers (Brake)

Altoona Iron Co. (Wrought Iron), Altoona, Pa.
 Bethlehem Steel Co., So Bethlehem, Pa.
 Cambria Steel Co. (Forged Steel), Widener bldg, Phila., Pa.
 Halladay L. P. Co. (Side), Streator, Ill.
 Kansas City Bolt & Nut Co. (Forged), Kansas City, Mo.
 National Screw Tack Co., Cleveland, O.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Steel Car Forge Co., Pittsburgh, Pa.
 Works, Ellwood City, Pa.
 Valley Forging Co., Verona, Pa.

7404—Levers (For Goosenecks)

Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.

7405—Levers (Igniter)

Williams J. H. & Co. (Drop Forged), 166 Hamilton av, Brooklyn, N. Y.

7406—Lewises (Pin, Chain, Etc.)

Brunner & Lay, 570 W Polk, Chicago, Ill.
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

7407—Library Shelving & Fittings (Metallic)

Art Metal Construction Co., Jamestown, N. Y.
 Berger Mfg. Co., Canton, O.
 Crown Metal Construction Co., Jamestown, N. Y.
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.
 General Fireproofing Co. ("Allsteel"), Youngstown, O.
 Kelghley S. Metal Ceiling & Mfg. Co., 124 3 av, Pittsburgh, Pa.
 Library Bureau, 43 Federal, Boston, Mass.
 SNEAD & CO., IRON WORKS, (INC.), ("Green's"), 98 Pine, Jersey City, N. J.
 N. J. Works: Jersey City, N. J.
 See adv index at end of book

Steel Fixture Mfg. Co., Topeka, Kan.
Stiffel & Freeman Co., Lititz, Pa.
Stikeman Geo. ("Stikeman"), 114 W 32d,
New York

7408-9—Licorice (Powdered)

Hillier's R. Son Co., 100 William, New
York
Hopkins J. L. & Co., 100 William, New
York
Jacob Chas. W. & Allison, 18 Cedar, New
York
Peck & Velsor (Imp), 9 Gold, New York
Weaver & Sterry, 79 Pine, New York

7410— Lids (Journal Box)

Allegheny Steel Co. (Stamped Steel), Oli-
ver bldg, Pittsburgh, Pa.
American Shovel & Stamping Co., Lorain,
Ohio
Davis Brake Beam Co., Johnstown, Pa.
McCord & Co., 122 S Michigan av, Chi-
cago, Ill.
Railway Steel Spring Co. (Pressed Steel),
30 Church, New York
St. Louis Car Co., 8000 N B'way, St. Louis,
Mo.
Symington T. H. Co., Rochester, N. Y.
Union Spring & Mfg. Co. (Pressed Steel),
New Kensington, Pa.

7411—Lids (Repair, Curb Box)

Paradine Mfg. Co., Erie, Pa.

7412— Lids (Stove)

Wehrle Co., Newark, O.

Life Boats

See Boats & Rafts, Life

Life Nets

See Nets, Life Saving

7413— Life Preservers

Armstrong Cork Co. ("Acme"), 24th & A.
V. R. R., Pittsburgh, Pa.
Brauer Justus & Son, 129 Arch, Phila., Pa.
Davol Rubber Co., 69 Point, Providence,
R. I.
Dreln Thos. & Sons Co., Townsend & A.,
Wilmington, Del.
Goodyear Rubber Co., & Rubber Clothing
Co., 787 B'way, New York
Hodgman Rubber Co., 8 W 40th, New
York
Independent Cork Co., 81-83 Sedgwick,
Brooklyn, N. Y.
See adv index at end of book
Kahnweiler's David Sons, 260 Front, New
York
Mundet L. & Sons, Ferris, Brooklyn, N. Y.
National India Rubber Co., Bristol, R. I.
Pneumatic Mfg. Co., 290 Prospect pk, W,
Brooklyn, N. Y.
Regina Swimming Devices & Novelty Co.,
22 E 21st, New York
Robinson, Rodgers Co., Newark, N. J.
Wellin Marine-Equipment Co. ("A. B. C."
Metallic), 305 Vernon av, Long Island
City, N. Y.

Life Rafts

See Boats & Rafts, Life

Lifters (Automobile Valve)

See Tools, Valve Removing

7414— Lifters (Beet, Etc.)

Bay City Plow Works, Bay City, Mich.

7415— Lifters (Car Step)

St. Louis Car Co., 8000 N B'way, St. Louis,
Mo.

Lifters (Core)

See Bits, Core

7416— Lifters (Heel)

Richard Stephen Co., Southbridge, Mass.

7417— Lifters (Hot Pan)

Cassady Fairbank Mfg. Co. ("Nash"), 6126
S La Salle, Chicago, Ill.
Wolverine Supply & Mfg. Co., Page &
Fontella, Pittsburgh, Pa.

Lifters (Sash, Bar)

See Lifts Sash

7418— Lifters (Stove Lid)

Adams Co., Dubuque, Ia.
Adell Mfg. Co. ("Never Slips"), Orange,
Mass.
Arcade Mfg. Co., Freeport, Ill.
Cassady Fairbank Mfg. Co., 6126 S La
Salle, Chicago, Ill.
Ely T. J. Mfg. Co., Erie, Pa.
Fanner Mfg. Co. ("Arctic," Steel Wire
Handle), Cleveland, O.
Gray Iron Foundry Co. (Cast Iron), Read-
ing, Pa.
Grey Iron Casting Co. ("Cold Handle,"
"My Choice," "Favorite"), Mt. Joy,
Pa.
Hamblin & Russell Mfg. Co. ("Crown,"
"Grip"), Worcester, Mass.
Imboden I. C. Co. ("Handy," Combina-
tion), Cleona, Pa.
Indiana Hollow Ware Co. (Cast Iron), Jef-
fersonville, Ind.
Kramer Bros. Foundry Co., Dayton, O.
Lynd Leonard E. Mfg. Co. ("Zero"), Me-
chanicville, N. Y.
Marcy Stove Repair Co., 74 Beekman,
New York
Morgan Spring Co. ("Eclipse"), Worcester,
Mass.
New York Stamping Co. ("Zero"), N 11th
& Berry, Brooklyn, N. Y.
Nicol & Co. ("N. & Co. Arctic"), 218 N
Jefferson, Chicago, Ill.
Phillips & Buttorff Mfg. Co., Nashville,
Tenn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Troy Nickel Works, Albany, N. Y.
Wagner Mfg. Co., Sidney, O.
Wehrle Co., Newark, O.
Williams A. C. Co., Ravenna, O.
Wrightsville Hardware Co., Wrightsville,
Pa.

Lifters (Tack)

See Claws & Pullers, Tack

Lifters (Transom)

See Lifts, Transom

Lifters (Valve)

See Tools, Valve Removing

Lifts (Air)

See Lifts, Pneumatic; also Penumatic
Pumping Systems

Lifts (Ash)

See Hoists, Ash

7419— Lifts (Hydraulic)

Coffin Valve Co. (For Large Water Gates),
Neponset, Boston, Mass.
Illinois Pump & Brass Co. ("Perfect"),
Peoria, Ill.
Wood R. D. & Co. (Portable), 400 Chest-
nut, Phila., Pa.

7420— Lifts (Instep)

Gilbert E. T. Mfg. Co., Rochester, N. Y.

Lifts (Magnetic)

See Magnets, Lifting

7421— Lifts (Man)

Miller Wm. A. Elevator Mfg. Co. (Grain
Elevators), 9th & Victor, St. Louis,
Mo.
Union Iron Works (Inc.), (For Grain Ele-
vators, etc), Decatur, Ill.

7422— Lifts (Mine Car)

Holmes Robt. & Bros. (Double & Single),
Danville, Ill.

7423—*Lifts (Motor Armature)

DUFF MFG. CO., N. S. Pittsburgh, Pa.
See adv index at end of book

When writing to firms listed
in this book please mention
HENDRICKS'
COMMERCIAL REGISTER

7424—Lifts (Motor, Car Pit)

See also Cranes; also Hoists

Brill J. G. Co., 62d & Woodland av, Phila.,
Pa.
Columbia Machine Works & Malleable
Iron Co. ("Columbia," Pneumatic),
Atlantic av & Chestnut, Brooklyn,
N. Y.
DUFF MFG. CO., N. S., Pittsburgh, Pa.
See adv index at end of book
Patten Paul B. Co., Salem, Mass.

7425— Lifts (Pneumatic)

See also Pneumatic Pumping Sys-
tems; also Lifts, Water

Ingersoll-Rand Co. "Imperial," "Pohle" &
"Saunders," for Water, & "Moran" &
"Moser," for Oil, 11 B'way, New
York *See adv index at end of book*
Whiting Foundry Equipment Co., Harvey,
Ill.

7426— Lifts (Sash)

ACKLIN STAMPING CO., 1659 Dorr, To-
ledo, O. *See adv index at end of book*
Allith-Prouty Co. ("Prouty" Hook, Flush
& Bar), Danville, Ill.
American Nut & Bolt Fastener Co., On-
tario & Dover, Pittsburgh, Pa.
Arcade Mfg. Co., Freeport, Ill.
Berbecker & Rowland Mfg. Co., Water-
ville, Conn.
Bradley & Farnham, Middlefield, Conn.
Brainerd Mfg. Co., East Rochester, N. Y.
Brass Goods Mfg. Co., 167 Lafayette,
Brooklyn, N. Y.
Champion Hardware Co., Geneva, O.
Corbin P. & F., New Britain, Conn.
Creamer W. G. & Co., 96 John, New York
Dent Hardware Co. (Bar), Fullerton, Pa.
Enterprise Hardware Mfg. Co., Frederick,
Md.
Frantz Mfg. Co., Sterling, Ill.
Gaynor Mfg. Co., Bridgeport, Conn.
Grammes L. F. & Sons (Ring, Flush, etc),
Allentown, Pa.
Grey Iron Casting Co. (Hook, Flat & Bar),
Mt. Joy, Pa.
Griffin Mfg. Co., Erie, Pa.
Howard Jas. L. & Co., Hartford, Conn.
Ives H. B. Co. (Hook, Flush, etc), New
Haven, Conn.
McKinney Mfg. Co. (Wrought Steel), N. S.,
Pittsburgh, Pa.
National Mfg. Co. (Wrought Steel or
Brass), Sterling, Ill.
Norwalk Lock Co., South Norwalk, Conn.
Payson Mfg. Co. (Bar Sash), 2918 W Jack-
son blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington,
Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain,
Conn.
Sharon Hardware Mfg. Co. (Steel Flush,
Hook, etc), Sharon, Pa.
Shelby Spring Hinge Co. (Steel Hook, also
Bronze & Brass, Polished), Shelby, O.
STANLEY WORKS (Wrought Steel), New
Britain, Conn.
See adv index at end of book
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland,
Ohio
Western Brass Mfg. Works, Marshall blvd
& W 21st, Chicago, Ill.
Wrightsville Hdwe. Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New
York

Lifts (Sewage)

See Sewage Ejectors

Lifts (Sidewalk)

See Elevators, Sidewalk

7427— Lifts (Skylight)

Danzer Metal Works, Hagerstown, Md.

7428— Lifts (Transom)

Corbin Cabinet Lock Co. (Concealed), New
Britain, Conn.
Dearborn Hardware Mfg. Co. ("Dearborn"
Grip, Self-Locking), 2911 Carroll av,
Chicago, Ill.
Diehl Novelty Co. ("Diehl"), Glenbeulah,
Wis
Payson Mfg. Co. ("Simplex"), 2918 W
Jackson blvd, Chicago, Ill.
Penn Hardware Co. ("Penn"), Reading,
Pa.

Reading Hardware Co., Reading, Pa.
 Russell & Erwin Mfg. Co., New Britain,
 Conn.
 Sargent & Co., New Haven, Conn.
 Yale & Towne Mfg. Co., 9 E 40th, New
 York

7429— Lifts (Water)

See also Lifts, Pneumatic
 See also Pumps, Hydraulic
 Bishop-Babcock-Becker Co. ("Eureka,"
 "Champion," Automatic Electric &
 Hydraulic), Cleveland, O.
 Braender Philip (Automatic), 315 4th av,
 New York
 Buckeye Pump & Mfg. Co. ("Buckeye"
 Automatic), Columbus, O.
 Cleveland Faucet Co. ("Champion" Auto-
 matic), Cleveland, O.
 Clow Jas. B. & Sons ("Clow"), Franklin &
 Harrison, Chicago, Ill.
 Flint & Walling Mfg. Co., Kendallville,
 Ind.
 Goulds Mfg. Co., 71 W Fall, Seneca Falls,
 N. Y. *See adv index at end of book*
 Illinois Pump & Brass Co. ("Perfect
 Duplex" Automatic for House Use),
 Peoria, Ill.
INGERSOLL-RAND CO. (Air "Imperial,"
 "Pohie" & "Saunders"), 11 B'way, New
 York. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av,
 Chicago, Ill., & Hunting Park & P.
 & R. Ry., Phila., Pa.
See adv index at end of book
 McDonald A. Y. Mfg. Co., (Electric), Du-
 buque, Ia.
 Myers F. E. & Bro., 800 Orange, Ashland,
 Ohio
See adv index at end of book
 Nagle Corliss Engine Works (for Deep
 Wells), Erie, Pa.
 National Water Lift Co. ("National" for
 Residences), Kalamazoo, Mich.
 Ohio Pump & Brass Co. (Improved
 "Triumph" Hydraulic), Columbus, O.

7430— Light House Builders

Lewis Henry B., Ferry av & G. T. Ry.,
 Detroit, Mich.

7431— Lighters (Cigar)

Adjustable Lighter Assn. ("Universal"),
 Newton, Mass.
 Art Metal Works, 7 Mulberry, Newark,
 N. J.
 Bernhardt M. E. (Imp), 157 Chambers,
 New York
 Bradley & Hubbard Mfg. Co., Meriden,
 Conn.
 Braun D. J. Mfg. Co., 670 W Washing-
 ton, Chicago, Ill.
 Brunhoff Mfg. Co. (Cutter & Lighter
 Combined), 9th & Freeman av, Cin-
 cinnati, O.
 Carstarphen Electric Co., Denver, Colo.
 Computing Cheese Cutter Co. (Electric),
 Anderson, Ind.
 Cowles C. & Co. (Electric), New Haven,
 Conn.
 Drake Mfg. Co., 143 Reed, Milwaukee,
 Wis.
 Eldred Mfg. Co. ("Wizard" Electric), 46
 W Kinzie, Chicago, Ill.
 Estes E. B. & Sons (Wooden, Splint),
 358 5th av, New York
See adv index at end of book
 Herz Mfg. Co., 388 Jackson, St. Paul, Minn.
 Higgin Mfg. Co., Newport, Ky.
 Interstate Electric Novelty Co., 29 Park
 pl, New York
Kraemer Mfg. Co., 157 Chambers, New
 York
Mahony Bros. ("Chicago," Electric), 140 W
 Van Buren, Chicago, Ill.
 Matchless Brass Mfg. Co., 31 Washington,
 Brooklyn, N. Y.
 Metal Specialties Mfg. Co. ("Presto"),
 338 N Kedzie av, Chicago, Ill.
 Midland Supply Co., Davenport, Ia.
New England Novelty Mfg. Co., Boston,
 Mass.
Novitas Sales Co. ("Novitas" Packet)
 Waltham, Mass.
 Ohio Electric Works (Electric Portable),
 Cleveland, O.
 Presto Electrical Mfg. Co. ("Presto" Elec-
 tric), 323 Geary, San Francisco, Cal.
 Solar Light Co., 69 Wooster, New York
 Standard Mfg. Co. ("Electric"), Auburn,
 Ind.
 Stanley & Patterson ("Bestelectric"), 23
 Murray, New York
 Stevens Mfg. & Supply Co., 343 S Dear-
 born, Chicago, Ill.

7432— Lighters (Fuse)

HERCULES POWDER CO. ("Matthews"),
 Wilmington, Del.
See adv index at end of book

7433-4—Lighters (Gas, Electric)

(Above Means Torches)
 See also Burners, Electric, Gas Lighting.
 Adjustable Lighter Assn. ("Universal"),
 Newton, Mass.
American Ever Ready Works, Thompson
 av, L. I. City, New York
 Bogart A. L. Co. ("Bartholdi"), 55 Bar-
 clay, New York
 Cowles C. & Co., New Haven, Conn.
 Fischer Bros & Corwin ("Perfection"),
 635 N 3d, Newark, N. J.
 Milwaukee Gas Specialty Co., 133 2d, Mil-
 waukee, Wis.
 Stanley & Patterson ("Matchless"), 23
 Murray, New York
 Universal Novelty Wks. ("Aladin"), 147
 W. 23d, New York

7435—Lighters (Range & Gas)

American Every Ready Works, Thompson
 av, L. I. City, New York
 Kraemer Mfg. Co. ("Kraemer" Friction),
 157 Chambers, New York
 Safety Gas Lighter Co., Haverhill, Mass.

7435a—*Lighting Accessories (Au- tomobile)

MORSE FRANK W., 293 Congress, Boston,
 Mass. *See adv index at end of book*
 Omolite Co. (Light Controlling Devices),
 Jamestown, N. Y.

7436—Lighting Systems (Acetylene)

Commercial Acetylene Co. (Cars, Yachts,
 Motor Boats, etc), 80 B'way, New
 York
 Jenne Acetylene Gas Machine Co., 312
 Traction Terminal bldg, Indianapolis,
 Ind.
MILBURN A. ALEXANDER CO., 1420 W
 Baltimore, Baltimore, Md.
See adv index at end of book

7437—Lighting Systems (Electric)

Armstrong Mfg. Co. (Country Homes,
 Cities, etc), 200 Armstrong bldg,
 Waterloo, Ia.
 Bailey Reflector Co. (Theater Footlights
 & Border Lights), 617 2d av, Pitts-
 burgh, Pa.
 Bruston Automatic Electric Lighting &
 Power Co., 101 Park av, New York
 Campbell A. S. Co., ("Cello" for Motor
 Boats) 284 Commercial, Boston, Mass.
 Central Electric Co. ("Marolite"), 320 S
 5th av, Chicago, Ill.
 Domestic Engineering Co. ("Delco-Light"),
 Dayton, O.
 Frost Engrg. Co. (For Farms), Evans-
 ville, Wis.
 Garford Mfg. Co., Elyria, O.
 Heinze John O. Co., (Automobile) Spring-
 field, Ohio.
 Kewanee Private Utilities Co. ("Kewanee"
 for Isolated Plants), Kewanee, Ill.
 Lauson-Lawton Co. (Portable or Sta-
 tionery, For Yachts & Farms), De
 Pere, Wis.
 Leader Iron Works ("Leader"), 201 Jas-
 per, Decatur, Ill.
 Leece Neville Co. (Auto & Motor Boat),
 5363 Hamilton av, Cleveland, O.
 Main Electric Mfg. Co., 500 Aiken av,
 Pittsburgh, Pa.
 Matthews Engrg. Co. ("Matthews" for
 Homes, etc), Sandusky, O.
 National Electric Lighting Co. (Farm &
 Automobile), Wilton Junction, Ia.
 National X-Ray Reflector Co., 233 W Jack-
 son blvd, Chicago, Ill.
 North East Electric Co. (Automobile &
 Marine "Universal"), Rochester, N. Y.
 Northwestern Storage Battery Co., 140
 Mason, Milwaukee, Wis.
 Overbush & Ayres Mfg. Co. ("Oamco,"
 for Factories, etc), 411 S Clinton,
 Chicago, Ill.
 Phoenix Electric Co., 133 W Washington,
 Chicago, Ill.
 Schroeder Electric Co., Evansville, Ind.
 Termaat & Monahan Co., Oshkosh, Wis.
 United Engine Co., ("United," Farm)
 Lansing, Mich.

United States Light & Heat Corp. (For
 Farms), Niagara Falls, N. Y.
 Wells R. C. Mfg. Co. ("Wells"), Fond du
 Lac, Wis.
WESTINGHOUSE ELECTRIC & MFG.
CO., East Pittsburgh, Pa.
See adv index at end of book
 Wisconsin Foundry & Machine Co.
 (Farm), Madison, Wis.
 Worthington Pump & Machinery Corp.,
 115 B'way, New York

7438—Lighting Systems (Gas)

Risinger Bros. Co. ("Risinger," Arc for
 Street, Factory, House, etc), East
 Liverpool, O.
 Selas Co. (For Factories), 521 W 23d,
 New York

7439—Lighting Systems (Gasoline)

Akron Gas Lamp Co., Canton, O.
 Allen-Sparks Gas Light Co. ("Prin-
 cess"), Lansing, Mich.
 American Gas Machine Co. ("American"),
 Albert Lea, Minn.
 American Gas Machine Co., 37 Warren,
 New York
 Best Light Co., Canton, O.
 Brilliant Gas Lamp Co. ("Triumph,"
 "Handy"), 1009 Wabash av, Chicago,
 Ill.
 Canton Incandescent Light Co., Canton,
 Ohio
 Consolidated Gas & Electric Co., 554
 Lake, Chicago, Ill.
 Doud Lighting Co., 172 N Sangamon, Chi-
 cago, Ill.
 Economy Gas Lamp Co. ("Economy"),
 213 Goodrich, Kansas City, Mo.
 Economy Gas Machine Co., Rochester,
 N. Y.
 Gloria Light Co., 1100 Washington blvd,
 Chicago, Ill.
 Hannibal Gas Machine & Mfg. Co.
 ("Hannibal"), Hannibal, Mo.
 Incandescent Light & Stove Co. ("F. &
 P"), Marburg av & B. & O. R. R.,
 Okly, Cincinnati, O.
 King Light Co. ("King"), Peoria, Ill.
 Knight Light Co., 351 W Chicago av, Chi-
 cago, Ill.
 Nagel-Chase Mfg. Co., 154 E Erie, Chi-
 cago, Ill.
 National Stamping & Electric Works, 424
 S. Clinton, Chicago, Ill.
 New Specialty Mfg. Co., Council Bluffs,
 Ia.
 Pitner Gasoline Lighting Co. ("Pitner"),
 8 E. Kinzie, Chicago, Ill.
 Royal Gas Light Co. ("Royal"), 18 W.
 Kinzie, Chicago, Ill.
 Speer Gas Machine Mfg. Co., Los Angeles,
 Cal.
Sun Vapor & Gas Street Light Co., Canton,
 Ohio
 Superior Mfg. Co., Ann Arbor, Mich.
 Tures Mfg. Co., 386 6th, Milwaukee, Wis.
 Universal Battery Co., 3410 S. La Salle,
 Chicago, Ill.
 Waterman Motor Co. (For Farms), 235 Mt.
 Elliott av, Detroit, Mich.
 Windhorst & Co. ("Primo"), 205 N 12th,
 St. Louis, Mo.
 Yale Light Co., 541 Wash. blvd, Chicago,
 Ill.

7440— Lightning Rods

American Lightning Rod Co. (Copper
 Cable), Omaha, Nebr.
 Bajohr Carl Lightning Conductor Co.,
 4055 Keokuk, St. Louis, Mo.
 Beckman Bros., Des Moines, Ia.
 Boston Lightning Rod Co., Old South
 bldg, Boston, Mass.
 Burkett Lightning Rod Co., Fremont, O.
 Cole Bros. Lightning Rod Co., 316 S 7th,
 St. Louis, Mo.
 Dallas A. C. & Son, 223 N Jefferson, Chi-
 cago, Ill.
 Diamond Cable Co., Bourbon, Ind.
 Dodd & Struthers, Des Moines, Ia.
 Electra Lightning Rod Co. ("Silver
 Strand"), Cresco, Iowa
 Foy Edw. A. Co., 815 B'way, Cincin-
 nati, O.
 Goshen Lightning Rod Co., Goshen, Ind.
 Hollow Cable Mfg. Co. ("Hollow Cable"
 Pure Copper), Hornell, N. Y.
 Hum & Leatherman, 103 Market, Pitts-
 burgh, Pa.
 Hungerford U. T. Brass & Copper Co.
 (Copper & Fittings), 80 Lafayette,
 New York
 Jones Thos. W., 153 Maiden la, New York

King Geo. M. Mfg. Co. ("King" Copper Cable), Des Moines, Ia.
Maier J. J., Preston, Ia.
Manhattan Brass Co., 333 E 26th, New York
Martin Co., Sac City, Iowa
Mast Lighting Rod Co. (Copper Flange), West Milton, O.
Miller Lightning Rod Co., 3d & Geyer av, St. Louis, Mo.
Moore Bros. Lightning Rod Co., Maryville, Mo.
National-Standard Co. (Pure Copper Cable), Box 211, Niles, Mich.
Nebraska Lightning Rod Co., Omaha, Neb.
Owen J. D. & E. G., Janesville, Wis.
Reyburn, Hunter & Co., 412 N Sangamon, Chicago, Ill.
St. Louis Lightning Rod Co., 2135 De Kalb, St. Louis, Mo.
Security Lightning Rod Co., Burlington, Wis.
Shinn-Pool Cable Co., Oklahoma, Okla.
Shinn W. C. Co. (Copper Cable), Lincoln, Neb.
Shrauger & Johnson, Atlantic, Ia.
Swenson Grubber Co. (Copper Cable), Cresco, Iowa
Thompson T. Mfg. Co., Brighton, Ia.
Toledo Cable Co., 506 S St. Clair, Toledo, O.
Townley Mfg. Co., 1815 S E 4th, Minneapolis, Minn.
Washburne Edw. G. & Co. (Copper), 207 Fulton, New York

7441—Lights (Carriage Curtain)

Gordon J. P. Co., Columbus, O.
Higgin Mfg. Co., Newport, Ky.
Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.
Tilley J. S. Ladders Co., Watervliet, N. Y.
Udell Works, Indianapolis, Ind.

7441a—*Lights (Contractors' Portable)

See also Contractors' Portable Lights

We build both types Acetylene, also Kerosene, of candle powers ranging from 500 to 10,000. Also small hand lamps and Headlights.

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

7442—Lights (Desk, Electric)

See also Portables, Electric

Alexander J. Mfg. Co. ("Ferguson"), 1931 B'way, New York
Almond T. R. Mfg. Co. ("Almond Flexo"), Ashburnham, Mass.
American Brass & Copper Co., 138 Lafayette, New York
American Electric Co. ("Read Easy," "Allways," "Morelight"), 6401 S State, Chicago, Ill.
Butler Plating & Mfg. Co., 370 Atlantic av, Boston, Mass.
Dale Lighting Fixture Co., 107 W 13th, New York
Farles Mfg. Co., Decatur, Ill.
Forg Peter Mfg. Co., Somerville, Mass.

Handy Light Co., 215 Butler, Cincinnati, Ohio
Imperial Brass Mfg. Co. ("Kramer" Adjustable Electric Desk Lamps), 524 S Racine av, Chicago, Ill.
See adv index at end of book
Killoch David Co. ("Kinsman" Daylight), 57 Murray, New York
Klemm & Co., 132 N 5th, Philadelphia, Pa.
McLeod, Ward & Co. ("Kinsman"), 27 Thames, New York
Millar R. M. Electric Works ("Stand-O-Lite"), 9 S Clinton, Chicago, Ill.
Overbagh & Ayres Mfg. Co. ("Oamco"), 411 S Clinton, Chicago, Ill.
Pacific Electric Co. ("Espersen"), La Crosse, Wis.
Scribner A. C., Gloversville, N. Y.
Stuart-Howland Co. ("S. H."), 234 Congress, Boston, Mass.
White H. C. Co. ("Radion"), North Bennington, Vt.
White J. H. Mfg. Co. ("Zenith"), 111 N 3d, Brooklyn, N. Y.
White O. C. Co., Worcester, Mass.
Wolff Wm. F. Co. ("Anywhere"), 563 W 145th, New York

7443—Lights (Door Key)

Arnold-Wagner Electric Co., South Bend, Ind.

7444—*Lights (Portable, Acetylene)

See also Contractors' Portable Light

MILBURN A. ALEXANDER CO. (For Railroads & Contractors), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

7445—Lights (Stage, Electric)

(Bunch, Foot, Spot, etc.)

American Reflector & Lighting Co., 517 W Jackson blvd, Chicago, Ill.
Frink I. P., 10th av & 24th, New York
Hallberg J. H., 1604 B'way, New York
Newton C., 305 W 15th, New York
UNIVERSAL ELECTRIC STAGE LIGHTING CO. ("Kliegl"), 240 W 50th, New York

7446—Lignite Miners

American Lignite Briquette Co., San Antonio, Texas
Consumers' Lignite Co., Dallas, Texas
Texas Lignite & Oil Co., Dallas, Texas

7447—Lignum Vitae Turnings

Sandusky Tool Co., Sandusky, O.
Seib Bros., 96 Boyd av, Jersey City, N. J.

7447a—*Lime Bags (Valve)

URSHEL-BATES VALVE BAG CO., 3431 Summit av, Toledo, O.
See adv index at end of book

7448—Lime (Caustic)

American Lime & Stone Co., Tyrone, Pa.

7449—Lime (Chemical)

Chemical Lime Co., Bellefonte, Pa.
Mitchell Lime Co., Mitchell, Ind.
Palmer Lime & Cement Co. ("Palmer," 99 per cent Pure Carbonate), 103 Park av, New York
Security Cement & Lime Co. (Carbonate of Lime), Hagerstown, Md.
Solvay Process Co., Syracuse, N. Y., Hutchinson, Kan., & Detroit, Mich.
Washington Building Lime Co., Equitable bldg, Baltimore, Md.

7450—Lime Flour

Scheel Wm. H. (Imported), 159 Maiden la, New York

7451—Lime (Ground & Crushed)

Acme Fire Clay Works, New Cumberland, W. Va.
American Lime & Stone Co. (Also Ground Limestone), Tyrone, Pa.
Glencoe Lime & Cement Co., Syndicate Trust bldg, St. Louis, Mo.
Kelley Island Lime & Transport Co., Cleveland, O.
National Mortar & Supply Co., 2d National Bank bldg, Pittsburgh, Pa.
Ohio & Western Lime Co., Huntington, Ind.
Rockland & Rockport Lime Co., 101 Park av, New York
Scioto Lime & Stone Co., Delaware, O.
Security Cement & Lime Co., Hagerstown, Md.
Standard Lime & Stone Co., Fond du Lac, Wis.
Warner Chas. Co. ("Cedar Hollow" plant) Wilmington, Del.
Washington Building Lime Co., Equitable bldg., Baltimore, Md.
Woodville Lime Products Co., Toledo, O.

7452—Lime (Hydrated)

Ash Grove Lime & Portland Cement Co., 7th ft Grand av, Temple, Kansas City, Mo.
A. & C. Stone & Lime Co. (Portland White Lime), Indianapolis, Ind.
Basic Products Co., Oliver bldg, Pittsburgh, Pa.
Cleveland Builders' Supply Co. ("Dealers"), Cleveland, O.
Dittlinger Lime Co. ("Snowdrift"), New Braunfels, Texas
Doggett Stanley, 11 Cliff, New York
Dutchess County Lime Co., Scarborough, N. Y.
Gager Lime & Mfg. Co., Chattanooga, Tenn.
Glencoe Lime & Cement Co., Syndicate Tr. bldg, St. Louis, Mo.
Hannibal Lime Co. ("White Bear"), Hannibal, Mo.
Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.
Hydrated Lime Bureau (Plaster), Arrott bldg, Pittsburgh, Pa.
Kelley Island Lime & Transport Co. ("Tiger" Brand Hydrated Lime), Cleveland, O.
Knickerbocker Lime Co., 366 N 24th, Philadelphia, Pa.
Kutztown Lime & Crushed Stone Co., Kutztown, Pa.

SCHOFIELD LIME HYDRATORS

STRUCTURAL STEEL & PLATE WORK OF ALL KINDS

HERRICK MECHANICAL GAS PRODUCERS

JONES ROTARY KILN PROCESS

INDUSTRIAL CARS & EQUIPMENT FOR ALL PURPOSES

ATLAS ENGINEERING CO.

ENGINEERS, CONTRACTORS
& MANUFACTURERS

AMHERST, O.

Louisville Cement Co. ("White Star"), Louisville, Ky.
 Marblehead Lime Co. (Pure Calcium), 159 N State, Chicago, Ill.
 Mitchell Lime Co., Mitchell, Ind.
 National Lime & Stone Co. ("Monarch"), Carey, O.
 National Mortar & Supply Co., 2d Nat'l Bk bldg, Pittsburgh, Pa.
 Ohio & Western Lime Co. ("Diamond"), Huntington, Ind.
 Palmer Lime & Cement Co., 103 Park av, New York
 Product Sales Co., 32 So Calvert, Baltimore, Md.
 Schaffer Engineering & Equip. Co. (Engineers, Designing, Contracting in Clay Products, Lime, Silica and Plants), Tiffin, O. *See adv index at end of book*
 Scioto Lime & Stone Co., Delaware, O.
 Security Cement & Lime Co. ("Berkeley"), Hagerstown, Md.
 Solvay Process Co., Syracuse, N. Y., Hutchinson, Kansas & Detroit, Mich.
 Standard Lime & Stone Co., Fond-du-Lac, Wis.
 Taylor Lime Co., Los Angeles, Cal.
 Tidewater Portland Cement Co., Calvert bldg, Baltimore, Md.
 Warner Chas. Co. ("Cedar Hollow" Plant), I. O. O. F. bldg, Wilmington, Del.
 Washington Building Lime Co., Equitable bldg, Baltimore, Md.
 Western Lime & Cement Co., Pabst bldg, Milwaukee, Wis.
 White Marble Lime Co., Manistique, Mich.
 Woodville Lime Products Co., Toledo, O.

7452a— *Lime Hydrators

Atlas Engineering Co., Amherst, O.
See adv index at end of book

SCHAFER ENGINEERING & EQUIPMENT CO., (Continuous & Automatic) Tiffin, O. *See adv index at end of book*

7453— Lime (Hydraulic)

Bangs-Gaynor Cement & Plaster Co., Fayetteville, N. Y.
 Doggett Stanley, 11 Cliff, New York
 Fowler & Pay ("Brown"), Mankato, Minn.
 Ladd Lime & Stone Co., Atlanta, Ga.
 Menominee Brick Co., Menominee, Mich.
 Ohio & Western Lime Co. ("Diamond"), Huntington, Ind.
 Sheedy Thos. W., Fayetteville, N. Y.
 Solvay Process Co., Detroit, Mich.

7454—Lime (Magnesian White)

Kelley Island Lime & Transport Co., Cleveland, O.
 Lee Lime Co. (For Sulphite & Rag Paper Mills, Hard Plaster, Scratch & Brown Coat, etc), Lee, Mass.

7455— Lime Mfrs.

For Lime Dealers see Masons' & Builders' Materials

ALABAMA.

ALLGOOD—Cheney Lime Co.
 ANNISTON—Anniston Lime Co.
 Lagarde Lime & Stone Co. Works: Lagarde, Ala.
 BIRMINGHAM—Adams J. B. Works: Long View, Ala.
 Calcis Lime & Stone Co. Works: Calcis, Ala.
 CALCIS—Calcis Lime & Stone Co. (See Birmingham, Ala.)
 EUREKA—O'Neal C. L.
 KEYSTONE—Keystone Lime Co. (See Charleston, S. C.)
 LAGARDE—Lagarde Lime & Stone Co. (See Anniston, Ala.)
 LONG VIEW—Adams J. B. (See Birmingham, Ala.)
 NEWALA—Newala Lime Works
 PAINT ROCK—Alabama Lime & Stone Co.
 SAGINAW—Bowden Lime Co.
 Saginaw Lime & Lumber Co.

ARIZONA.

NELSON—Grand Canyon Lime & Cement Co. (See Los Angeles, Cal.)
 PUNTENNEY—Puntenney Lime Co. (See Los Angeles, Cal.)

ARKANSAS.

FAYETTEVILLE—Ozark White Lime Co. Works: Johnson, Ark.
 GARFIELD—McKinlay P. Jr.
 JOHNSON—Ozark White Lime Co. (See Fayetteville, Ark.)
 ROGERS—Rogers White Lime Co. (White)
 RUDELLS—Arkansas Lime Co.

CALIFORNIA.

FELTON—Holmes Lime & Cement Co. (See San Francisco, Cal.)
 KENNETT—Holt & Gregg Co. (See Redding)
 LOS ANGELES—Grand Canyon Lime & Cement Co. Works: Nelson, Ariz.
 Oro Grande Lime & Stone Co. Works: Halleck, Cal.
 Puntenney Lime Co. Works: Puntenney, Ariz.
 Summit Lime Co. Works: Tehachapi Cal.
 Union Lime Co.
 REDDING—Holt & Gregg Co.
 SAN FRANCISCO—Cowell Hy. Lime & Cement Co., 2 Market
 Holmes Lime & Cement Co. Postal Tel. bldg
 Pacific Lime & Plaster Co., Monadnock bldg.
 San Francisco Lime Co., Monadnock bldg
 SANTA CRUZ—Cowell Hy. Lime & Cement Co. (See San Francisco)
 SONORA—Pacific Lime & Plaster Co. (See San Francisco, Cal.)
 TEHACHAPI—Summit Lime Co. (See Los Angeles, Cal.)

COLORADO.

DENVER—Barrows Geo. A. Lime Co., 1701 13th
 Colorado Lime & Fluxing Co., 321 McPhee
 Colorado Portland Cement Co. Works: Portland, Colo.
 Silicated Brick Co.
 PORTLAND—Colorado Portland Cement Co. (See Denver, Colo.)

CONNECTICUT.

CANAAN—Connecticut Lime Co. (See Lee, Mass.)
 New England Lime Co. (See Danbury, Conn.)
 EAST CANAAN—Connecticut Lime Co. (See Lee, Mass.)
 DANBURY—New England Lime Co.
 Stearns Lime Co.
 HARTFORD—Allyndale White Marble & Lime Co.
 REDDING—New England Lime Co. (See Danbury, Conn.)

DELAWARE.

WILMINGTON—Warner Chas. Co. ("Lilmold"), I. O. O. F. bldg.

DISTRICT OF COLUMBIA.

WASHINGTON—Clark T. E. Jr., 1305 New Jersey av

FLORIDA.

KENDRICK—Standard Lime Co.
 OCALA—Florida Lime Co.
 Marion Lime Co.

GEORGIA.

ATLANTA—Ladd Lime & Stone Co. (Hydraulic)
 GRAYSVILLE—Catoosa Limestone Products Co.

IDAHO.

BAYVIEW—Washington Brick, Lime & Sewer Pipe Co. (See Spokane, Wash.)

ILLINOIS.

ALTON—Armstrong Jno. Lime & Quarry Co.
 CHICAGO—Allwood Lime Co., 30 N Dearborn

Artesian Stone & Lime Works Co., Grand & Campbell avs
 Brownell Improvement Co., Cham. of Com bldg
 Chicago Union Lime Works Co., 1900 W 19th
 Druecker N. J. & Co., 2634 N Artesian av
 Marblehead Lime Co. (Pure Calcium), 159 N State
 Riverside Lime & Stone Co.
 Stearns Lime & Stone Co., 160 W Randolph
 Templeton Lime Co., 1019 N Homan av
 Wisconsin Lime & Cement Co., 133 W Wash.
 FULTON—Alden Lime Co. (See Clinton, Ia.)
 KANKAKEE—Ruhle Christian, 503 S West av
 MARBLEHEAD—Marblehead Lime Co. (See Chicago, Ill.)
 PORT BYRON—Port Byron Lime Association.
 QUINCY—Menke F. W. Stone & Lime Co. Meyer W. D. (Marble White)
 Quincy White Lime & Cement Co.
 ROCKFORD—Hart & Page

INDIANA.

DELPHI—Delphi Lime Co. Harley Bros.
 HUNTINGTON—Ohio & Western Lime Co. (White)
 INDIANAPOLIS—A. & C. Stone & Lime Co. (White). Works: Portland, Ind.
 MITCHELL—Mitchell Lime Co.
 PORTLAND—A. & C. Stone & Lime Co. (See Indianapolis, Ind.)

IOWA.

CLINTON—Alden Lime Co. Works: Fulton, Ill.
 DES MOINES—Des Moines Fuel & Lime Co.
 DUBUQUE—Eagle Point Lime Works
 MAQUOKETA—Hurst A. (Est. of)
 OTTUMWA—Ottumwa Lime & Cement Co.

KANSAS.

CHANUTE—Ash Grove Lime & Portland Cement Co. (See Kansas City, Mo.)
 HUTCHINSON—Solvay Process Co. (See Syracuse, N. Y.)

KENTUCKY.

HOPKINSVILLE — Hopkinsville Lime Works
 LOUISVILLE — Louisville Cement Co. ("Blue River" Lump)
 Union Cement & Lime Co.
 MOUNT VERNON—Mount Vernon Lime Co.

MAINE.

ROCKLAND—Bird A. J.
 Rockland & Rockport Lime Co.
 THOMASTON—Creighton Jas. A. & Co.
 Rockland & Rockport Lime Co. (See Rockland, Me.)

MARYLAND.

BALTIMORE—Green Robt. S., 3232 Frederick av
 Platt & Co. (Shell), Key Highway & Boyle
 Rockcastle Cement & Lime Co., Munsey bldg
 Standard Lime & Stone Co., Equitable bldg
 Tidewater Portland Cement Co., Calvert bldg. Works: Union Bridge, Md.
 Washington Building Lime Co., Equitable bldg
 BUCKEYSTOWN—Standard Lime & Stone Co. (See Baltimore, Md.)
 Washington Bldg. Lime Co. (See Baltimore, Md.)
 CAVETOWN—Bushey G. M. & Son
 FREDERICK—Kellar O. J. Lime Co.
 HAGERSTOWN—Security Cement & Lime Co.
 LE GORE—Le Gore Combination Lime Co.
 LIME KILN—Grove M. J. Lime Co.
 SECURITY—Security Cement & Lime Co. (See Hagerstown, Md.)
 TEXAS—Lindsay William P.

UNION BRIDGE—Tidewater-Portland Cement Co. (See Baltimore, Md.)
WALKERSVILLE—McAleer Lime Co.
WOODSBORO—Barrick S. W. & Son

MASSACHUSETTS.

ADAMS—Hoosac Valley Lime Co.
New England Lime Co. (See Danbury, Conn.)
CHESHIRE—Cheshire Lime Mfg. Co.
FARNAMS—Farnam-Cheshire Lime Co. (See N. Y. C.)
LEE—Connecticut Lime Co. Works: East Canaan, Conn.
Lee Lime Co. (Magnesia White Lime)
RICHMOND—Pittsfield Lime Co.
SHEFFIELD—Berkshire Hills Co.
WEST STOCKBRIDGE—Granger Lime & Marble Co.
Tobey Lime Co.
West Stockbridge Lime Co.

MICHIGAN.

CHARLEVOIX—Charlevoix Rock Products Co.
GRAND RAPIDS—Antrim Lime Co.
Works: Petoskey, Mich.
MANISTIQUE—White Marble Lime Co.
MENOMINEE—Lyon Bros.
PETOSKEY—Antrim Lime Co. (See Grand Rapids, Mich.)
Northern Lime Co.

MINNESOTA.

DULUTH—Kelley Island Lime Co.
MANKATO—Coughlan T. R. Co.
Fowler & Pay ("Brown") Hydraulic
RED WING—Lillyblad Gust.
ST. PAUL—Shakopee Cement Lime Mfg. Co., 220 Chestnut

MISSOURI.

ASH GROVE—Ash Grove Lime & Portland Cement Co. (See Kansas City, Mo.)
BRICKEYS—Arrow Head Mfg. Co. (See St. Louis, Mo.)
CAPE GIRARDEAU—Cape Lime & Marble Co.
CARTHAGE—Carthage Marble & White Lime Co. (See St. Louis, Mo.)
CENTAUR STATION—Centaur Lime Co.
EUGENE—Spring Garden Marble & White Lime Co. (See St. Louis, Mo.)
GLENCOE—Glencoe Lime & Cement Co. (See St. Louis, Mo.)
HANNIBAL—Hannibal Lime Co.
Star Lime Co.
KANSAS CITY—Ash Grove Lime & Portland Cement Co. ("Ash Grove" White) 7th ft. Grand av. Temple Marblehead Lime Co. (See Chicago, Ill.)
Phenix Marble Co., 19th & Olive. Works: Phenix, Mo.
Union Sand & Material Co., R. A. Long bldg. (See St. Louis, Mo.)
LOUISIANA—Marble Head Lime Co. (See Chicago, Ill.)
PEIRCE CITY—Peirce City Lime Co. (White)
SARCOXIE—Marble Head Lime Co. (See Chicago, Ill.)
ST. LOUIS—Arrow Head Mfg. Co.
Carthage Marble & White Lime Co. Works: Carthage, Mo.
Glencoe Lime & Cement Co. Works: Glencoe, Mo.
Hunkins-Willis Lime & Cement Co. (White, etc), Century bldg.
Peerless White Lime Co., Century bldg.
Spring Garden Marble & White Lime Co.
Ste Genevieve Lime & Cement Co., Mermod-Jaccard bldg.
Union Sand & Material Co., International Life bldg.
SPRINGFIELD—Marblehead Lime Co. (See Chicago, Ill.)
STE. GENEVIEVE—Peerless White Lime Co. (See St. Louis, Mo.)
Ste. Genevieve Lime & Quarry Co. (See St. Louis, Mo.)
Western Lime Works

MONTANA.

ELLISTON—Elliston Lime Co.

NEW JERSEY.

BRIDGETON—Frazeur Lime Works
CAMDEN—Camden Lime Co.
ELIZABETH—Smith Lime Flour Co.
GERMAN VALLEY—Neighbour E. J.
HAMBURG—New Jersey Lime Co.
Works: McAfee Valley, N. J.
Vanderhoof Lime Co.
McAFEE VALLEY—New Jersey Lime Co. (See Hamburg, N. J.)

NEW YORK.

BIGELOW—Williams Chas. & Co. (Mostly in Bulk)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Empire Limestone Co., Hudson & Fourth
CALEDONIA—International Agrl. Corp. (See N. Y. C.)
CHAUMONT—Adams & Duford Co. ("Chaumont" White Lime in Bulk & Barrel)
CHAZY—Chazy Marble Lime Co.
FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co. (Water, Lime or Cement)
Sheedy Thos. W. (Water Lime or Cement)
GLENS FALLS—Wait F. W. Lime Co.
HONEYOE FALLS—Genesee Lime Co.
LEROY—Heimlich J.
NEWBURGH—Harrison & Curtis

NEW YORK CITY.**Borough of Brooklyn.**

BROOKLYN—Manhattan Lime Co., 1325 37th
Rockland-Rockport Lime Co., 387 Mntns av

Boroughs of Manhattan and Bronx.

NEW YORK—Bloomer Lime Co., 406 E 149th
Farnam-Cheshire Lime Co., 39 Cort. Industrial Chemical Co. (Agricultural), 200 5th av
International Agrl. Corp., 61 B'way
Keenan Lime Co. (Joints & Lump), 74 Cortlandt
New York & New England Cement & Lime Co., 30 Broad
Palmer Lime & Cement Co. ("Cheshire," "Bellefonte," "Palmer," "Yorktown Heights," "Connecticut White"), 103 Park av
(End of New York City)

ROCHESTER—Rochester Lime Co. ("Snow Flake")
SCARBORO—Dutchess County Lime Co.
SYRACUSE—Solvay Process Co.
UTICA—Conley F. E. Stone Co.

NORTH CAROLINA.

FLETCHER—Blue Ridge Lime Co.

OHIO.

BUCYRUS—Broken Sword Stone Co.
CANTON—Agricultural & Commercial Lime Co.
Canton Grey Lime Co.
CAREY—National Lime & Stone Co.
CEDARVILLE—Ervin D. S. Co. (Large)
CLAY CENTER—Kelley Island Lime & Transport Co. (See Cleveland, O.)
CLEVELAND—Kelley Island Lime & Transport Co.
DELAWARE—Scioto Lime & Stone Co.
EIFORT—Morgan & Horton
FOSTORIA—Ohio & Western Lime Co. (Ground & in Lump). (See Huntington, Ind.)
FREMONT—Gottron Bros. Co.
GENOA—Ohio & Western Lime Co. (White). (See Huntington, Ind.)
GIBSONBURG—National Mortar & Supply Co. (See Pittsburgh, Pa.)
Ohio & Western Lime Co. (White). (See Huntington, Ind.)
KELLEYS ISLAND—Kelley Island Lime & Transport Co. (See Cleveland, O.)
LISBON—Lisbon Lime Co.
LUCKEY—Doherty Lime & Stone Co. (See Toledo, O.)
MARBLEHEAD—Kelley Island Lime & Transport Co. (See Cleveland, O.)

MARION—Evans John Stone & Lime Co. Ohio & Western Lime Co. (See Huntington, Ind.)
OLIVE FURNACE—McGugin R. H.
OWENS—Owens John D. & Son Co.
PATTERSON—Herzog Jno. & Son
PIQUA—Ohio Marble Co.
ROCKY RIDGE—Rocky Ridge Lime & Stone Co.
SANDUSKY—Kelley Island Lime & Transport Co. (See Cleveland, O.)
SPRINGFIELD—Mills Bros.
Moore's Lime Co.
TIFFIN—Ohio & Western Lime Co. (See Huntington, Ind.)
Weot Lime & Stone Co.
TOLEDO—Doherty Lime & Stone Co., ft of Washington. Works: Luckey, O.
Woodville Lime Products Co. (White) Works: Woodville, O.
WOODVILLE—Woodville Lime Products Co. (See Toledo, O.)

PENNSYLVANIA.

ALLENTOWN—Mertz Chas. H.
Mitchell Lime Co.
Trexler Theo. E.
ANNVILLE—Annville Lime Co. (See Lebanon, Pa.)
BELLEFONTE—American Lime & Stone Co. (See Tyrone, Pa.)
Bellefonte Lime Co.
Center County Lime Co.
Chemical Lime Co.
Empire Lime Kilns
Whiterock Quarries
BETHLEHEM—Bethlehem Lime & Stone Co.
BITTINGER—Bittinger E. M.
Moul J. H. & Sons
Steady & Wilton Co.
BRIDGEPORT—Tyson J. L. (See Phila., Pa.)
CARLISLE—Goodyear Bros.
EASTON—Easton Lime Co.
ELWOOD CITY—Beaver Valley Lime Co.
EMIGSVILLE—Emigsville Quarry Co.
FRAZER—Knickerbocker Lime Co. (See Phila., Pa.)
HARRISBURG—United Lime & Stone Co.
GROVE CITY—Grove City Limestone Co.
HYNDMAN—Enterprise Lime & Ballast Co.
KUTZTOWN—Kutztown Lime & Crushed Stone Co.
LANCASTER—Lancaster Lime & Supply Co.
LEBANON—Annville Lime Co. Works: Annville, Pa.
LEMOYNE—United Lime & Stone Co. (See Harrisburg, Pa.)
LIMERIDGE—Low Bros. & Co.
Paragon Plaster & Supply Co. (See Scranton, Pa.)
MYERSTOWN—Wagner Thos. A.
NEW CASTLE—Rose Point Stone & Lime Co.
NORRISTOWN—Lukens & Yerkes. (See Phila., Pa.)
Merion Lime & Stone Co.
PAXTANG—Keystone Stone & Lime Co.
PHILADELPHIA—Bradley Walter T. Co.
Knickerbocker Lime Co. (Inc.), 366 N 24th. Works: Frazer, Pa.
Lukens & Yerkes, Stephen Girard bldg. Works: Norristown, Pa.
Tyson J. L., 900 Jefferson. Works: Bridgeport, Pa.
Warner Chas. Co. (Cedar Hollow, Wrightville & Potomac Lime Stone), Finance bldg.
PITTSBURGH—Basic Products Co., Oliver bldg.
Blair Limestone Co.
National Mortar & Supply Co. ("Banner Hydrate"), 2d Nat'l Bank bldg. Works: Gibsonburg, O.
PLYMOUTH MEETING—Corson G. & W. H.
Cox Lime & Stone Co.
PORTLAND—Keller, Luther. (See Scranton, Pa.)
READING—Reading Lime Co.
SCRANTON—Haslam Lime & Chemical Co.
Keller Luther
Paragon Plaster & Supply Co. Works: Limeridge, Pa.
THOMASVILLE—Thomasville Stone & Lime Co.
TYRONE—American Lime & Stone Co.
WICK—Climax Lime & Stone Co.
WRIGHTSVILLE—Steady & Wilton Co.

YORK—Baker J. E. Co.
Palmer L. M.
York Valley Lime Co.
YORK SPRINGS—Trostel Geo. H.

RHODE ISLAND.

LIME ROCK—Harris Herbert

SOUTH CAROLINA.

CHARLESTON—Keystone Lime Co. Wks:
Keystone, Ala.
Southern States Lime Corp.

SOUTH DAKOTA.

PRINGLE—Black Hills Lime Co.
RAPID CITY—Rapid City Lime & Gyp-
sum Co.

TENNESSEE.

BURNS—Allen Jesse Lime Co.
CHATTANOOGA—Gager Lime & Mfg. Co.
Works: Sherwood Tenn.
Hooker Limestone Co.
CONCORD—Concord Lime Works
CRAB ORCHARD—Southern States Lime
Corp. ((See Charleston, S. C.))
ERIN—Rauscher E. W.
KNOXVILLE—Tennessee Lime & Sand Co.
MEMPHIS—Denie's Jno. A. Sons Co.
(Ala., Ark. & Tenn. Lime)
NASHVILLE—Tennessee Cement & Lime
Co. Works: Summitville, Tenn.
PALMYRA—Hussey M. M. & E. T.
SHERWOOD—Gager Lime & Mfg. Co. (See
Chattanooga, Tenn.)
SUMMITVILLE—Tennessee Cement &
Lime Co. (See Nashville, Tenn.)

TEXAS.

AUSTIN—Austin White Lime Co.
DALLAS—Dallas Lime & Gravel Co.
EL PASO—Courchesne A.
NEW BRAUNSFELS—Dittlinger Lime Co.
OGLESBY—Boone D. R.

UTAH.

SALT LAKE CITY—Langdon Lime & Ce-
ment Co.

VERMONT.

HIGH GATE SPRINGS—Missiquoi Lime
Works
IRA—Day Dexter D. & Son
LEICESTER JUNCTION—Brandon Lime
& Marble Co.
MIDDLEBURY—Green Mountain Lime
Corp.
NEW HAVEN—Green Mountain Lime
Corp. (See Middlebury, Vt.)
NORTH POWNA—New England Lime
Co. (See Danbury, Conn.)
SAINT ALBANS—Fonda W. B. (Est. of)
Works: Swanton Junction, Vt.
SWANTON—Rich Jno. P.

VIRGINIA.

EAGLE ROCK—Moore Lime Co. (See
Richmond, Va.)
INDIAN ROCK—Dillon's E. Sons
LEESBURG—Leesburg Lime Co.
LEXINGTON—Rockbridge Lime & Stone
Co.
LIMETON—Limeton Lime Co.
LINVILLE—Linville Lime Co.
NORFOLK—Lee A. S. & Sons Co. (See
Richmond)
ORANDA—Orndorff M. M.
RICHMOND—Lee A. S. & Sons Co., 108 S
13th
Maore Lime Co. Works: Eagle Rock,
Va.
Powhattan Lime Co.
RIVERTON—Riverton Lime Co.
STAUNTON—Felsworth Lime Co.
STEPHENS CITY—Grove M. J. Lime Co.
(See Lime Kiln, Md.)
STRASSBURG—Powhattan Lime Co. (See
Richmond, Va.)
Standard Lime & Stone Co. (See Bal-
timore, Md.)
TOMS BROOK—Paxton John C.

WASHINGTON.

DEER HARBOR—Cowell Henry Lime &
Cement Co. (See San Francisco,
Cal.)
Orcas Lime Co.
EVANS—Idaho Lime Co. (See Spokane,
Wash.)

FRIDAY HARBOR—Cowell Henry Lime &
Cement Co. (See San Francisco,
Cal.)
ROCHE HARBOR—Tacoma & Roche Har-
bor Lime Co.
SEATTLE—Orcas Lime Co. (See Deer
Harbor)
SPOKANE—Idaho Lime Co. Works:
Evans, Wash.
Washington Brick, Lime & Sewer Pipe
Co. Works: Bayview, Idaho
SUMAS—International Lime Co.

WEST VIRGINIA.

BAKERTON—Washington Building Lime
Co. (See Baltimore, Md.)
BLUEFIELD—Saxon Lime & Lumber Co.
BUNKER HILL—Baker J. E. Co. (See
York, Pa.)
KENOVA—Basic Products Co. (See Pitts-
burgh, Pa.)
MARTINSBURG—Blair Limestone Co.
(See Pittsburgh, Pa.)
Standard Lime & Stone Co. (See Bal-
timore, Md.)
NEW CUMBERLAND—Acme Fire Clay
Works

WISCONSIN.

APPLETON—Marston Bros. Co.
BRILLION—Union Lime Co. (See Mil-
waukee, Wis.)
CEDARBURG—Groth J. F. & Son
DRUECKER—Independent Lime & Stone
Co.
FOND DU LAC—Standard Lime & Stone
Co. (White)
GRAFTON—Milwaukee Falls Lime Co.
(See Milwaukee, Wis.)
GRIMMS—Union Lime Co. (See Milwau-
kee, Wis.)
HAYTON—Union Lime Co. (See Milwau-
kee, Wis.)
KEWAUNEE—Nast Bros. Lime & Stone
Co. (See Marblehead, Wis.)
KNOWLES—Nast Bros. Lime & Stone
Co. (See Marblehead, Wis.)
Standard Lime & Stone Co. (See
Fond du Lac, Wis.)
MARBLEHEAD—Nast Bros. Lime &
Stone Co. (See Milwaukee, Wis.)
Union Lime Co.
MAYVILLE—Mayville White Lime Works
MENASHA—Plummer H. H.
MILWAUKEE—Empire Lime & Stone Co.
Milwaukee Falls Lime Co.
Union Lime Co., Pabst bldg.
Western Lime & Cement Co., Pabst
bldg
OSHKOSH—Cook & Brown Lime Co.
QUARRY—Empire Lime & Stone Co. (See
Milwaukee, Wis.)
RACINE—Fox Lime & Stone Co.
SHEBOYGAN—Sheboygan Lime Works
TEMPLETON—Templeton Lime Co. (See
Chicago, Ill.)
VALDERS—Standard Lime & Stone Co.
(See Fond du Lac, Wis.)
Valders Lime & Stone Co.

7455a— Lime Plants

Atlas Engineering Co., Amherst, O.
See adv index at end of book
Schaffer Engineering & Equipment Co.
The (Continuous & Automatic) Tiffin,
O. *See adv index at end of book*

7456—Lime Sulphur Solution

Dow Chemical Co., Midland, Mich.
Grasselli Chemical Co., Guardian bldg,
Cleveland, O.
Mechling Bros. Mfg. Co., Camden, N. J.
Taylor Chemical Co., Penn Yan, N. Y.
Thomsen Chemical Co., Munsey bldg, Bal-
timore, Md.

7457— Lime (Vienna)

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
Hanson & Van Winkle Co., 269 Oliver,
Newark, N. J.
Union Polish Co., 78 Barclay, New York

7458—Limestone (Cream White)

Tompkins Kiel Marble Co. ("American"),
505 5th av, New York

**When writing to firms listed
in this book please, mention
HENDRICKS'
COMMERCIAL REGISTER**

7459—Limestone (Ground & Pow- dered)

American Ballast Co. (Powdered), Holton
Nat. Bk. bldg, Knoxville, Tenn.
Armstrong Jno. Lime & Quarry Co., Alton,
Ill.
Arrell Limestone Co. (For Agr. Use),
Youngstown, O.
Bessemer Limestone Co. (For Agricultural
Use), Youngstown, O.
Casparis Stone Co. (Ground Limestone),
Clinton bldg, Columbus, O.
Columbus Macadam Co., 319 Dublin av,
Columbus, O.
Doggett Stanley, 11 Cliff, New York
Dolomite Products Co. (Agricultural), 1110
Euclid av, Cleveland, O.
Fruin-Bambrick Consolidated Co. (Pulver-
ized or Dust), 800 S Spring av, St.
Louis, Mo.
Gager Lime & Mfg. Co., Chattanooga,
Tenn.

Pulverized Limestone Crushed Stone for Roads Concrete, Flux, etc.

H. T. GERDES

42 Church Street New York City

Glencoe Lime & Cement Co. (Limestone
Flux), Syndicate Tr. bldg, St. Louis,
Mo.
Kelley Island Lime & Transport Co.,
Cleveland, O.
Marble Cliff Quarries Co. (for Agricultural
Use), Columbus, O.
Mitchell Lime Co., Mitchell, Ind.
National Mortar & Supply Co. (For Agri-
cultural Use; also Glass Makers),
2nd Nat'l Bank bldg, Pittsburgh, Pa.
Ohio Marble Co., Piqua, O.
Rock Cut Stone Co. (For Agricultural
Use), Syracuse, N. Y.
Security Cement & Lime Co., Security,
Md.
Skrainka Construction Co., Security bldg,
St. Louis, Mo.
Standard Lime & Stone Co., Equitable
bldg, Baltimore, Md.
Whitestone Marble Co., Atlanta, Ga.

7460—Limestone (Screened)

Arrell Limestone Co., Youngstown, O.
Bessemer Limestone Co., Youngstown, O.
Columbus Macadam Co., 319 Dublin av,
Columbus, O.
Kelley Island Lime & Transport Co.,
Cleveland, O.
Marble Cliff Quarries Co., Columbus, O.

7461— Liners (Chute)

See also Plates, Chute
Alloy Steel Forging Co., Carnegie, Pa.

7462— Liners (Cylinder)

American Welding Co., Carbondale, Pa.

7463— Lines (Measuring)

Kane Supply Co. (For Oil & Gas Wells),
Kane, Pa.

Linings (Blast Furnace)

See Brick, Blast Furnaces

7464— Linings (Carpet)

Berlin Mills Co. ("Bulls Hide Gray"),
Portland, Me.
Bishop Robert Mfg. Co., 157 W Sixth,
South Boston, Mass.
Carey Philip Mfg. Co., 330 Wayne av,
Lockland, Cincinnati, O.
Carlyle Paper Co., Carlyle, Ill.
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
Fox Paper Co., Lockland, O.
General Roofing Mfg. Co. (Plain & Corru-
gated), Boatman's Bank bldg, St.
Louis, Mo.
Hartje Paper Mfg. Co., 113 Wood, Pitts-
burgh, Pa.

Johns H. W.-Manville Co. ("Acme"), Madison av & 41st, New York
 Kieffer Paper Co., Brownstown, Ind.
 Kingston's Wm. Son, Little Falls, N. Y.
 Mac-Sim-Bar Paper Co. (Corrugated), Otsego, Mich.
 Munroe Falls Paper Co., Massillon, O.
 Munroe Felt & Paper Co., 79 Summer, Boston, Mass.
 New England Carpet Lining Co., New London, Conn.
 Newton Paper Co. ("Gold Medal"), Holyoke, Mass.
 Ohio Paper Co., Miamisburg, O.
 Peters Paper Co., Latrobe, Pa.
 Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.
 Rockton Paper Co. (Corrugated), Rockton, Ill.
 Schmidt & Ault Paper Co., York, Pa.
 Sutton E. W., 53 Sedgwick, Brooklyn, N. Y.
 Thompson & Norris Co. The, (Corrugated), Concord & Prince, Brooklyn, N. Y.
 Union Carpet Lining Co., 79 Summer, Boston, Mass.
 Van de Carr Paper Co., Stockport, N. Y.
 Watson H. F. Co. (Corrugated, Moth Proof, etc), Erie, Pa.

7465— Linings (Case)

General Roofing Mfg. Co. (Waterproof), Boatsman's Bank bldg., St. Louis, Mo.
 Hydrex Felt & Engineering Co. (Waterproof), 120 Liberty, New York
 Insurance Packing Mills (Waterproof, Cloth Lined & All Paper), Brockton, Mass.
 Keystone Roofing Mfg. Co. (Waterproof, Duplex & Single Coated), York, Pa.
UNION PAPER & TWINE CO., 125 St. Clair av, N. W. Cleveland, O. & 538 Brisbane bldg, Buffalo, N. Y.
See adv index at end of book

7466-7— Linings (Clutch)

Carey Philip Mfg. Co. ("Enduro"), 330 Wayne av, Lockland, Cincinnati, O.
 Chicago Belting Co. (Leather), 125 N Green, Chicago, Ill.
 Detroit Leather Specialty Co., Inc. ("Wear Well"), 275 Beecher av, Detroit, Mich.
 Graton & Knight Mfg. Co., Worcester, Mass.
 Hide Leather & Belt Mfg. Co. (Leather), 227 S Meridian, Indianapolis, Ind.
 Horton F. L. Mfg. Co. ("Elektra"), 36 Whittier, Rox, Boston, Mass.
 Jewell Belting Co. ("Gem"), Hartford, Conn.
 Mau-Sherwood Co. (Automobile Cone), Cleveland, O.
 Milwaukee Leather Belting Co. ("M. L. B."), 499 12th, Milwaukee, Wis.
 National Leather Mfg. Co. ("National," & "Wolverine"), Niles, Mich.
 Rahmann Geo. & Co. (Hydraulic, Leather), 31 Spruce, New York
 Royal Equipment Co., Bridgeport, Conn.

7468— Linings (Digester)

Stebbins Engineering & Mfg. Co., Watertown, N. Y.

7469— Linings (Flue)

See also Pipe, Sewer
 American Clay Co., Terre Haute, Ind.
 American Clay Products Co., 175 5th av, New York
 American Fire Brick Co., Spokane, Wash.
 American Sewer Pipe Co., Akron, O.
 Bannon P. Pipe Co., Louisville, Ky.
 Blackmer & Post Pipe Co. (Fire Clay), Boatman's Bank bldg., St. Louis, Mo.
 Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
 Buckeye Fireclay Co., Uhrichsville, O.
 Campfield Raggle Block Co. (Air Cell Fire Proof, Smoke Stack Liners), Richmond, Ind.
 Cannelton Sewer Pipe Co., Cannelton, Ind.
 Carnegie Brick & Pottery Co., Rialto bldg., San Francisco, Cal.
 Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.
 Clark N. & Sons, 112 Natoma, San Francisco, Cal.
 Denny-Renton Clay & Coal Co., Seattle, Wash.
 Dickey W. S. Clay Mfg. Co., Kansas City, Mo.
 Duffy J. P. Co., 207 E 138th, New York

East Ohio Sewer Pipe Co., Irondale, O.
 Eastern Clay Goods Co., 141 Milk, Boston, Mass.
 Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
 Evans Clay Mfg. Co., Uhrichsville, O.
 Excelsior Fire Clay Co., Lisbon, O.
 Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.
 Hall & Sons, Buffalo, N. Y.
 Iowa Pipe & Tile Co., Des Moines, Ia.
 Klotz A. E. Fireproofing Co., 27 E 137th, New York
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.
 Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.
 Macomb Sewer Pipe Co. (Fire Clay), Macomb, Ill.
 National Fireproofing Co., Fulton bldg, Pittsburgh, Pa.
 New York Pottery Co., Fuller bldg, New York
 Northwestern Clay Mfg Co., Windsor, Ill.
 Oconee Brick & Tile Co., Milledgeville, Ga.
 Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.
 Pomona Terra Cotta Co., Pomona, N. C.
 Red Wing Sewer Pipe Co., Red Wing, Minn.
 Reeve Augustus, Camden, N. J.
 Robinson Clay Product Co., Akron, O.
 Robinson-Graves Sewer Pipe Co., Uhrichsville, O.
 St. Marys Sewer Pipe Co., St. Mary's, Pa.
 Shawmut Clay Mfg. Co. ("Shawmut"), Drummond, Pa., & 182 B'way, New York
 Southern Sewer Pipe Co., Birmingham, Ala.
 Steiger Terra Cotta & Pottery Works (Terra Cotta), Mills bldg., San Francisco, Cal.
 Stratton Fire Clay Co., Empire, O.
 Streater Clay Mfg. Co., Streater, Ill.
 Uhl Pottery Co., Evansville, Ind.
 Union Sewer Pipe Co., McKeesport, Pa.
 Vigo-Am. Clay Co., Terra Haute, Ind.
 Williams N. A. Co., 133 W Washington, Chicago, Ill.
 Winslow & Co., Portland, Me.

Linings (Ladle)

See Brick, Ladle

7470—Linings (Ladle, Cinder Car)

Marshall Foundry Co., Pittsburgh, Pa.

7471— Linings (Pump)

Duriron Castings Co. ("Duriron" Acid-Proof), 90 West, New York
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

7472—Linings (Refrigerator)

Baltimore Enamel & Novelty Co., ("Enameled Iron"), Woodall, Baltimore, Md.
 Enamel Products Co. (Enameled Iron), Cleveland, O.
 Ingram-Richardson Mfg. Co. (Porcelain Enameled Iron, One Piece & Flat Sheets), Beaver Falls, Pa.
 Mineral Products Co. ("Xyno," Stone), Rhinelander, Wis.

7473-4-5—Linings (Rubber Boot & Shoe)

Draper Bros. Co., Canton, Mass.

7476— Links (Chain Repair)

Columbus Chain Co., Columbus, O.
See adv index at end of book
 Kilborn & Bishop Co. (Drop Forged), New Haven, Conn.
 Krein Chain Co., Wapakoneta, O.
 Marine Hardware-Equipment Co. ("Acme" Drop Forge & "Mheco" Double Lock Forge), S Portland, Me.
 Nixdorf Krein Mfg. Co., St. Louis, Mo.

7477— Links (Connecting)

Auer John, Jr. (Wrought Iron Open), 197 Middleton, Brooklyn, N. Y.
 Brewer Bros Co. (Wrought Iron), 614 Filbert, Phila., Pa.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Keystone Drop Forge Works ("Keystone" Open Link), Chester, Pa.
 Kilborn & Bishop Co. ("K. B." Forged), New Haven, Conn.
 Laughlin Thos. Co. ("Missing Link"), Portland, Me.
 Marine Hardware-Equipment Co. ("Acme" Drop Forged), South Portland, Me.
 Newhall Chain, Forge & Iron Co. (Also Repair), 89 West, New York
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.
 Wilcox, Crittenden & Co. ("Lasting" Drop Forged), Middletown, Conn.

7478— Links (Drag)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
DETROIT SCREW WORKS (Fore & Aft), 348 Franklin, Detroit, Mich.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Michigan Electric Welding Co., Detroit, Mich.

7479—Links For Conveyor Chains

Caldwell H. W. Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Henry & Allen, Auburn, N. Y.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Scranton Forging Co., Scranton, Pa.
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

7480—Links (Fusible Fire Door, Etc.)

Aurora Door Hanger & Spec. Co., Aurora, Ill.
 Chicago Fuse Mfg. Co. ("Union"), 1014 W Congress, Chicago, Ill.
 Richards-Wilcox Mfg. Co., Aurora, Ill.
 Smith F. E. Metal Window Hdw. Co. (For Fireproof Windows, etc.), 81 Clay, Newark, N. J.
 Victor Mfg. Co. ("Victor"), Newburyport, Mass.
 Yates J. W., 168 8th av, New York

7481— Links (Grab, Etc.)

Weimer Chain & Iron Co., Lebanon, Pa.

7482— Links (Lap)

Collins, Hilton Co., Louisville, Ky.
 Columbus Handle & Tool Co., Columbus, Ind.
 Krein Chain Co., Wapakoneta, O.

7483— Links (Split)

Parker Wire Goods Co. (Brass Wire), Worcester, Mass.
 Plume & Atwood Mfg. Co. (Also Safety & Plumbers' Links), Waterbury, Conn.

7484-5—Links & Pins (Coupling)

Alloy Steel Forging Co. (Pins), Carnegie, Pa.
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.
 Boston Forge Co., East Boston, Mass.
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.
 Champion Rivet Co., Cleveland, O.
JEFFREY MFG. CO., 961 N 4th, Columbus, O.
See adv index at end of book
 Kansas City Bolt & Nut Co., Kansas City, Mo.
 Logan Iron & Steel Co., Burnham, Pa.
 New Castle Steel & Iron Co., Pittsburgh, Pa.
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.
Tredegar Co., ft. of 5th, Richmond, Va.
Western Steel Car & Foundry Co, 37 W Van Buren, Chicago, Ill
Wilcox D. Mfg. Co., Mechanicsburg, Pa.

7486— Linoleum Mfrs.

See also Oil Cloth Mfrs.
American Linoleum Mfg Co, 366 5th av, New York
Armstrong Cork Co. ("Armstrong" Linoleum Dept.), Lancaster, Pa.
Beuttell Henry & Sons ("Greenwich" Inland, etc), 114 5th av, New York
Blabon Geo. W. Co., 21st & Hunting Park av, Phila., Pa.
Cook's Linoleum Co. ("Cooks" Inlaid, etc), Trenton, N. J.
Farr & Bailey Mfg. Co., Camden, N. J.
Germania Importing Co. ("Anchor," Inlaid, Imported), 41 Union sq, New York
Judson P. O. ("Rixdorfer" Parquet Inlaid, Imported, etc), 230 5th av, New York
Nairn Linoleum Co., Kearny, N. J.
Potter Thos. Sons & Co. (Inc.), N 2d & Erie av, Philadelphia, Pa.
Ringwalt Linoleum Works ("Rubberoleum"), New Brunswick, N. J.
United Roofing & Mfg. Co. ("Congo-leum"), Morris bldg, Phila., Pa.
Weber C. H. ("Hansa" German Imported), 17th & 4th av, New York
Wild Joseph & Co. ("Battleship"), 366 5th av, New York
Witcombe McGeachin & Co. ("Staines" Inlaid Imported), 22 W 37th, New York

7487—Linseed Oil Substitutes

Boley C. H. Co. ("Lin-O-Lin"), 3722 N Randolph, Phila., Pa.
Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.

7488—Linseed Oil & Cake Mills

CALIFORNIA.

BERKELEY—El Dorado Oil Works (W. B.)
SAN FRANCISCO—El Dorado Oil Works, 433 California
Pacific Oil & Lead Works, 155 Townsend

ILLINOIS.

CHICAGO—Adams Fred C. Co. (Linseed Oil), 234 So. La Salle
American Linseed Co., 2209 Lmbr
Chicago White Lead & Oil Co., 1454 S Western av
Hirst & Begley Linseed Co., 2013 Mendel
Star Oil Co., 440 N Halsted
Stuart D. A. & Co., 29 S La Salle

INDIANA.

INDIANAPOLIS—Evans Linseed Oil Co.

IOWA.

DES MOINES—Ankeney Linseed Mfg. Co. ("Anchor Brand," Oil, Cake & Meal)

KANSAS.

FEDONIA—Hess & Wiley

MASSACHUSETTS.

BOSTON—American Linseed Co., 79 Milk
National Lead Co. of Mass, 131 State

MICHIGAN.

DETROIT—American Linseed Co.
National Lead Co., 10th & Howard

MINNESOTA.

MINNEAPOLIS—American Linseed Co., 794 Hampden av., Main Office, N. Y. City
Archer-Daniels Linseed Co., 29th av, SE
Midland Linseed Products Co., 1254 Chambers of Commerce

Minnesota Linseed Oil Co., 1101 S 3rd
Northern Linseed Oil Co., St. Anthony Park
RED WING—Red Wing Linseed Co.
ST. PAUL—American Linseed Co., 794 Hampden av.

MISSOURI.

KANSAS CITY—American Linseed Co., Main Office, N. Y. City
National Lead Co., 1406 W 13th
ST. LOUIS—American Linseed Co., 1600 Clark av., Main Office, N. Y. City
Mound City Paint & Color Co., 11th & Mullanphy

NEBRASKA.

OMAHA—American Linseed Co., Main Office, N. Y. City
National Lead Co.

NEW JERSEY.

EDGEWATER—Kellogg, Spencer & Sons (See Buffalo, N. Y.)
Midland Linseed Products Co. (See Minneapolis, Minn.)

NEW YORK.

AMSTERDAM—Kelloggs & Miller
BUFFALO—American Linseed Co., W. Ganson
Hauenstein & Co., 39 Vincennes
Kellogg, Spencer & Sons
Mann Bros. Co., 340 Ohio
NEW YORK—American Linseed Co. ("American," "Dean," "Campbell" & "Thayer"), Woolworth bldg.
Elbert & Co. (Imp.), 71 Wall
National Lead Co. ("Dutch Boy" Linseed Oil), 111 B'way

OHIO.

CINCINNATI—National Lead Co., 659 Freeman av.
CLEVELAND—Malone Oil Co., Wade bldg
National Lead Co., 659 Freeman
TOLEDO—Metzger Seed & Oil Co.

OREGON.

PORTLAND — Portland Linseed Oil Works, Sherlocks av, ft of 22d

PENNSYLVANIA.

PHILADELPHIA—Grove Linseed Oil Co., Del. av & Bigler
Lewis John T. & Bros. Co., Lafayette bldg
PITTSBURG—National Lead & Oil Co. (of Penna.) (Raw, Boiled & Refined), Ccommonwealth bldg.

WISCONSIN.

MILWAUKEE—Goodrich, Wm. & Co., 30th & Hopkins

7488a—Linters (Cotton Seed)

Boston Excelsior Co., 30th & N R, New York
Smith A. A. Cotton Products Co., Prudential bldg, Atlanta, Ga.
Texas Cake & Linter Co., Dallas, Texas
Union Seed & Fertilizer Co., 65 B'way, New York

7489—Lips (Dredge & Clam Shell Bucket)

Alloy Steel Forging Co., Carnegie, Pa.
American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.
Taylor-Wharton Iron & Steel Co. (Manganese Steel), High Bridge, N. J.

7490—Liquid Putty For Greenhouses

Weatherproof Calking Co., No. Minneapolis, Minn.

7491— Liquors (Iron)

Avery Chemical Co., 88 Broad, Boston, Mass.
Eastwood Chemical Co., Belleville, N. J.
Merrimac Chemical Co., 148 State, Boston, Mass.

7492— Liquors (Red)

Eastwood Chemical Co. (For Dying Cotton & Print Goods), Belleville, N. J.

7493—Listers & Corn & Cotton Planters (Riding)

Avery B. F. & Sons ("Mr. Bill"), Louisville, Ky.
Case J. I. Plow Works, Racine, Wis.
Deere & Mansur Co. ("Deere"), Moline, Ill.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Gale Mfg. Co. ("Sure Drop"), Albion, Mich.
Ohio Cultivator Co. ("Ohio Flyer"), Bellevue, Ohio
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Riding & Walking), Canton, Ill.
Racine-Sattley Co. ("Lucky Hit," "Tonapah"), Springfield, Ill.

7494—Listers & Drills (Riding)

Case J. I. Plow Works ("Racine, Jr."), Racine, Wis.
Deere John Plow Works, Moline, Ill.
Deere & Co. ("John Deere"), Moline, Ill.
Deere & Mansur Co., Moline, Ill.
Eagle Hay Press & Implement Co. ("Eagle," "Eagle Junior"), Muskogee, Okla.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fort Madison Plow Co. ("Buster Brown," "Morrison," "New Morrison"), Fort Madison, Ia.
Gale Mfg. Co. ("Great West," "Sure Drop"), Albion, Mich.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Hayes Pump & Planter Co. ("Hayes"), Galva, Ill.
Janesville Machine Co. ("Janesville"), Janesville, Wis.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Moline Plow Co. ("Easy Money," "Tri Belle," "Western Belle"), Moline, Ill.
Ohio Cultivator Co. ("Ohio Senior"), Bellevue, Ohio
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.
Parlin & Orendorff Co. ("P. & O." Riding & Walking), Canton, Ill.
Peru Plow & Wheel Co. ("Boss," "Little Duke," "Model," "New Duke"), Peru, Ill.
Racine-Sattley Co. ("Little Buster," "Lucky Hit," "Sattley"), Springfield, Ill.
Rock Island Plow Co. ("Rock Island," "Tricycle"), Rock Island, Ill.
St. Joseph Plow Co. ("Early Bird," "Famous St. Joe," "Tri-Wheeler"), St. Joseph, Mo.
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.
South Bend Chilled Plow Co., South Bend, Ind.

7495—Listers & Drills (Riding, Two Row)

Deere & Co. ("John Deere"), Moline, Ill.
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
St. Joseph Plow Co. ("Famous St. Joe," "St. Joe"), St. Joseph, Mo.
Thompson, J. Plow Works, Beloit, Wis.

7496—Listers & Drills (Walking)

Deere & Co. ("John Deere"), Moline, Ill.
Eagle Hay Press & Implement Co. ("Eagle"), Muskogee, Okla.
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.
Fort Madison Plow Co. ("Morrison"), Fort Madison, Ia.
Gale Mfg. Co. ("Great West"), Albion, Mich.
Grand Detour Plow Co. ("Grand Detour"), Dixon, Ill.
Hayes Pump & Planter Co. ("Hayes"), Galva, Ill.
Moline Plow Co. ("Puritan"), Moline, Ill.
Ohio Cultivator Co. ("Famous Ohio," "Ohio Junior"), Bellevue, O.
Oliver Chilled Plow Works ("Oliver" & "Black Hawk"), South Bend, Ind.

Parlin & Orendorff Co. ("P. & O."), Canton, Ill.
 Peru Plow & Wheel Co. ("Peru"), Peru, Ill.
 Racine-Sattley Co. ("Sattley"), Springfield, Ill.
 Rock Island Plow Co. ("Empress"), Rock Island, Ill.
 St. Joseph Plow Co. ("Famous St. Joe"), St. Joseph, Mo.
 Thompson J. Plow Works, Beloit, Wis.

7497— Litharge

See also White & Red Lead Mfrs.

Coulston J. W. & Co. (Red), 80 Maiden lane, New York
 Doggett Stanley (Jobbers), 11 Cliff, New York
 Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York
 Eagle Picher Lead Co. (The), ("Picher" Oil Refiners Litharge), 208 S La Salle, Chicago, Ill.
 Euston White Lead Co., Wabash Tracks, St. Louis, Mo.
 Fuller W. P. & Co., 301 Main, San Francisco, Cal.
 Harrison's, Inc., 35th & Gray's Ferry rd, Phila., Pa.
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.
 Katzenbach & Bullock Co. (Red, Imported), Trenton, N. J.
 Lead Products Co., 3215 Papin, St. Louis, Mo.
 Lewis John T. & Bros. Co., Lafayette bldg., Phila., Pa.
 National Lead Co., 111 B'way, New York
 National Lead & Oil Co (of Pa.), (For Glassmakers & Rubber Mfrs.), Commonwealth bldg, Pittsburgh, Pa.
 Picher Lead Co., Joplin, Mo.
 Scheel Wm. H. (Red, etc., Imported), 159 Maiden lane, New York
 United Lead Co., 111 Broadway, New York
 Wetherill & Bro., 126 S 30th, Phila., Pa.
 Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

7498— Lithopone

Bayer Co. (Imp.), 117 Hudson, New York
 Beckton Chemical Co., 3500 Gray's Ferry rd, Phila., Pa.
 Butterworth-Judson Corp., 61 B'way, New York
 Chemical Pigments Corp. (Zinc Cloth), Stock Exch. bldg, Phila., Pa.
 Coulston J. W. & Co. (Imp.), 80 Maiden lane, New York
 Gabriel & Schall (Imp.), 205 Pearl, New York
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.
HARRISON'S, INC., 35th & Gray Ferry rd, Phila., Pa.
 Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.
 Heller & Merz Co. ("Ponolith"), 503 Hudson, New York
 Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. *See adv index at end of book*
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.
 Klipstein A. & Co. (Imported), 644 Greenwich, New York
KREBS PIGMENT & CHEMICAL CO., ("Ponolith") Newport, Del.
 New Jersey Zinc Co., 55 Wall, New York
 Pfaltz & Bauer (Imp.), 300 Pearl, New York
 Port Morris Chemical Wks., 141st & Locust av, New York
 Scheel Wm. H. (Imported), 159 Maiden la, New York
 Virginia Consolidated Chemical Corp., 100 B'way, New York

Litters (Folding)

See Stretchers, Hospital

7499— Lixiviation Plants

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

7500— Loaders (Alfalfa)

Emerson-Brantingham Co. ("Emerson" Gearless), Rockford, Ill.
 Sterling Mfg. Co., Sterling, Ill.

7501-2— Loaders (Box Car)

Christy Box Car Loader Co. (Coal Only), Des Moines, Ia.
 Ellison Wm. & Sons Mfg. Co., St. Louis, Mo.
 Fairmont Mining Machinery Co. ("Fairmont" Rotary), Fairmont, W. Va.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Manierre Engineering & Machinery Co. ("Manierre") Colby-Abbott bldg., Milwaukee, Wis.
 Ottumwa Box Car Loader Co. (Electric or Steam), Ottumwa, Ia.

Loaders (Cane)

See Loaders, Sugar Cane

7503— Loaders (Coal Car)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Holmes Robt. & Bros. (End Loaders), Danville, Ill.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Ottumwa Box Car Loader Co. (Electric or Steam), Ottumwa, Ia.

7504— *Loaders (Dirt)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
KEYSTONE DRILLER CO., Beaver Falls, Pa.

7505— Loaders (Grain Car)

Bauder E. ("Reynolds"), Sterling, Ill.
 Caldwell H. W. & Son Co. ("Champion," "Sterling"), 17th & Western av, Chicago, Ill.
 Case J. I. Threshing Machine Co., Racine, Wis.
 Clark W. J. Co., Salem, O.
 Maroa Mfg. Co. ("Boss"), Maroa, Ill.
 Pease E. H. Mfg. Co., Racine, Wis.
 Taylor L. E. & Co., ("Englehart") 312 Flour Exchange, Minneapolis, Minn.

7506— Loaders (Hay)

Dain Mfg. Co. ("Dains"), Ottumwa, Ia.
 Emerson-Brantingham Co. ("Emerson" Gearless), Rockford, Ill.
 Hocking Valley Mfg. Co., Lancaster, O.
INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.) (Keystone-Osborne-International) 702 Harvester bldg, Chicago, Ill.
See adv index at end of book
 Johnston Harvester Co., Batavia, N. Y.
 Kouns Wesley, Salina, Kansas
 Marseilles Co., East Moline, Ill.
 Miller N. C. & Son, Dodgeville, Wis.
 Moline Plow Co. ("Flying Dutchman," "Moline"), Moline, Ill.
 Ohio Rake Co. ("Ohio," "Canton," "Dayton"), Dayton, O.
 Rock Island Plow Co. (Cylinder Rake Bar), Rock Island, Ill.
 Sandwich Mfg. Co. ("Clean Sweep," "Easy Way"), Sandwich, Ill.
 Sterling Mfg. Co., Sterling, Ill.
 Thomas Mfg. Co. ("Thomas-Swath," "Peerless Windrow," "Thomas Double Cylinder"), Springfield, O.
 Thornburgh Mfg. Co., Bowling Green, O.

7507— Loaders (Log)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 American Hoist & Derrick Co. ("American"), St. Paul, Minn.
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
CLYDE IRON WORKS ("McGiffert," "Decker," "Rapid"), Duluth, Minn.
See adv index at end of book

When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER

Loaders (Log) Steam

MANUFACTURED BY
CLYDE IRON WORKS
 DULUTH, MINN.

Diamond Iron Works ("Diamond" Steam & Automatic), 2nd & 18th av N Minneapolis, Minn.
 Filer & Stowell Co. (Steam), Milwaukee, Wis.
 Goodyear Lumber Co. ("Barhart" Model), Marine Nat. Bank bldg, Buffalo, N. Y.
 Lambert Hoisting Engine Co., 117 Poinier, Newark, N. J.
LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
 Lyon Iron Works, Greene, N. Y.
 Marlon Steam Shovel Co., P. O. Box 505 Marion, O.
 Monighan Machine Co. (Steam), 2032 Carroll av, Chicago, Ill.
 Murray D. J. Mfg. Co., Wausau, Wis.
 National Iron Co. ("Forest"), Duluth, Minn.
 Parker Surry (Steam), Pinetown, N. C.
 Phoenix Mfg. Co., Eau Claire, Wis.
 Russel Wheel & Foundry Co., Detroit, Mich.
 Sagen Derrick Co., 3101 W Grand av, Chicago, Ill. *See adv index at end of book*
 Soule Steam Feed Works, Meridian, Miss.
 Street Bros. Machine Works, Chattanooga, Tenn.
 Wheland Co., Chattanooga, Tenn.
 Wickes Bros. (Steam), Saginaw, Mich.
See adv index at end of book

7508—*Loaders (Portable Wagon & Truck)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

7509— Loaders (Rail)

United Supply & Mfg. Co. ("American" for Handling Steel Rails), Railway Exchange, Chicago, Ill.

7510—Loaders (Sugar Cane)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
 Castagnos Cane Loader Co., New Orleans, La.
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

7511— Loaders (Wagon)

American Conveyor Co., 3017 S La Salle Chicago, Ill.
 Austin Mfg. Co. ("New Era"), 910 S Michigan av, Chicago, Ill.
 Bonney Supply Co., Rochester, N. Y.
 Gifford Wood Co., Hudson, N. Y.
 Haiss Geo. Mfg. Co., 146th & Rider av, New York
 Hudson Machinery Co., Passaic, N. J.
 Insley Mfg. Co. (Car-Side Hopper), Indianapolis, Ind.
 Lee Loader & Body Co. (Also Motor Truck), 2343 So La Salle, Chicago, Ill.
LINK-BELT CO. (Portable, for Coal, Gravel, Broken Stone, etc.), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Pittsburgh Conveying Machinery Co., 4th & Duquesne wy, Pittsburgh, Pa.
 Ransome Concrete Machinery Co., Dunellen, N. J.
 Specialty Engineering Co., Trenton & Alleghany, Philadelphia, Pa.
 Western Wheeled Scraper Co., Aurora, Ill.

7512—*Loaders (Wagon & Truck)

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.
See adv index at end of book
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

7512a—*Loaders & Unloaders (Car)

BYERS JOHN F. MACHINE CO., 242 S Sycamore, Ravenna, O.
See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

7513— Locators (Pipe)

Modern Iron Works ("D. B. M." Wireless), Quincy, Ill.

7514— *Lock-Nuts (Brass)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.
See adv index at end of book
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book
 National Tube Co. (Also Cast & Malleable Iron), Frick bldg, Pittsburgh, Pa.
See adv index at end of book

Lock-Nuts (Conduit, Etc.)

See Bushings, Outlet & Locknut

7515—Lock-Nuts & Washers

American Lock Nut Co., ("Absolute"), 10600 Corliss av, Chicago, Ill.
 American Nut & Bolt Fastener Co., 3 Ontario & Doerr, Pittsburgh, Pa.
 American Pin Co. ("Ampico"), Waterbury, Conn.
 Appleton Electric Co. ("Appleton," Lock-Nuts for Conduits, etc), 218 N Jefferson, Chicago, Ill.
 Boss Nut Co., 1744 N Kolmar av, Chicago, Ill.
 Bourne & Knowles Mfg. Co., Cleveland, O.
 Columbia Nut & Bolt Co. ("Columbia," for Railroads, Machinery, Automobiles, etc), Bridgeport, Conn.
 Day & Zimmerman, 611 Chestnut, Philadelphia, Pa.
 Dieter Nut Co. ("D. S." Safety Lock-Nut), 80 Maiden Lane, New York
 Flannery Bolt Co. ("F. B. C." Arch Bar), Vanadium bldg, Pittsburgh, Pa.
 Franklin Railway Supply Co. ("McLaughlin" for Piston Rods of Air Pumps, etc), Franklin, Pa.
 Grabler Mfg. Co. (Malleable Iron & Steel, for Plumbing & Electric Work), Cleveland, O.
 Grip Nut Co. (One-Piece Steel Lock-Nut), McCormick bldg, Chicago, Ill.
 Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
 Haydenville Co., Haydenville, Mass.
 Hobbs Mfg. Co. (Lock Washers), Worcester, Mass.
 Indianapolis Switch & Frog Co. ("Dunham"), Springfield, O.
 Jones Positive Nut Lock Co., 2812 S Wabash av, Chicago, Ill.
 McRae & Roberts Co. (Lock-Nuts), 227 Campbell av, Detroit, Mich.
See adv index at end of book
 Malleable Iron Fittings Co. ("M. I. F. Co." Lock-Nuts), Branford, Conn.
 Mansfield Lock Washer Co., Mansfield, O.
 National Lock Washer Co., 65 Johnson, Newark, N. J.
 National Steel Products Co. ("Allen" Nut Lock), Marquette bldg, Cleveland, O.
 National Tube Co. (Cast & Mall Iron & Brass), Frick bldg, Pittsburgh, Pa.
See adv index at end of book
 National Umbrella Frame Co. ("Never-slip"), 30th & Thompson, Phila., Pa.

Neely Nut & Bolt Co. (Spring Nut & Bolt Locks), Pittsburgh, Pa.
 Newbury J. H., Goshen, N. Y.
 O. K. Nut Lock Co., Turks Head bldg, Providence, R. I.
 Peninsular Milled Screw Co., Detroit, Mich.
 Philadelphia Electrical & Mfg. Co. ("Penco," Malleable Iron Washers with Nut-Locking Feature Added), 1236 N 31st, Phila., Pa.
 Positive Lock Washer Co. of America (Inc.), Av A, Newark, N. J.
QUADRIGA MFG. & SPECIALTY CO., (Lock Washers), 213 W Grand av, Chicago, Ill. *See adv index at end of book*
 Rail Joint Co., 61 B'way, New York
 Reliance Mfg. Co. (Lock Washers), Massillon, O.
 Roller Lock Nut Co., 61 B'way, New York
 St. Louis Malleable Casting Co. (Malleable Iron Nut Lock Washers), 7701 Conduit av, St. Louis, Mo.
 Scott John M. & Sons, Racine, Wis.
 Simmons John Co., 110 Centre, New York
 Steel City Electric Co. ("Fullman" Lock-Nut for Rigid Conduit), 1207 Columbus av, Pittsburgh, Pa.
 Steel Specialties Co. ("Worth" Wedge Washer), Waltham, Mass.
 Torsion Nut Lock & Washer Co. ("Torsion"), 141 Milk, Boston, Mass.

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141 Milk Street Boston, Mass.

United Nut Lock Co. ("Huglite" Nut Lock), Springfield, Mass.
 Verona Tool Works ("Verona," Nut-Lock), Oliver bldg, Pittsburgh, Pa. & Verona, Pa.
 Western Tool & Forge Co., Brackenridge, Pa.

7516-7—Lock-Stub Check System

Lock-Stub Check Co., Bush Terminal, Brooklyn, N. Y.

7518— Lockers (Metallic)

Allsteelequip Co., Aurora, Ill.
 Baker-Vawter Co., Benton Harbor, Mich.
 Berger Mfg. Co., Canton, O.
 Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.
 Canton Art Metal Co., Canton, O.
 Cleveland Metalcraft Co., Cleveland, O.
 Cleveland Wire Spring Co., Cleveland, O.
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.
 Dexter Metal Mfg. Co., ("Merritt" Sheet Steel for Dept Store, etc), 93 Arch, Camden, N. J.
 Durand-Steel Locker Co. ("Durand" Steel), 1435 Ft. Dearborn Bank bldg, Chicago, Ill. & 935 Vanderbilt bldg, New York
EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book
 Federal Steel Fixture Co. ("Federal" Steel), 4545 Homer, Chicago, Ill.
 Gem Stamped Steel Co., Chelsea, Mass.
HART & HUTCHINSON CO. ("H. & H." also Steel), Dept. C, New Britain, Conn.
 Hess Warming & Ventilating Co. ("Hess" Steel), 1211 S Western av, Chicago, Ill.
 Jefferis Richard W. Co. ("Jefferis" Pressed Steel), Camden, N. J.
 Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.
 Keighley S. Metal Ceiling & Mfg. Co., 124 3d av, Pittsburgh, Pa.
 Lasar Ornamental Iron Co., (Wire), 16th & O'Fallon, St. Louis, Mo.
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.

Manufacturing Equipment & Engineering Co., ("Mecco") 136 Federal, Boston, Mass.
 Medart Fred. Mfg. Co., De Kalb & Poto-mac, St. Louis, Mo.
See adv index at end of book
 Narragansett Machine Co. ("Standard"), Providence, R. I.
SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.
See adv index at end of book
 Standard Sheet Metal Mfg. Co., Washington, Pa.
 Steel Fixture Mfg. Co., Topeka, Kan.
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.
 Terrell's Equipment Co. ("Terrell's"), B'way, Grand Rapids, Mich.
 Van Dorn Iron Works Co. (Steel Wire, "Van Dorn"), 2700 E 79th, Cleveland, O.
 Willcox Engineering Co., 1525 Holland, Saginaw, Mich.
 Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

7519—*Lockers (Sheet Steel, Imitation of Wood Finish)

Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo.
See adv index at end of book

7520— *Lockers (Steel)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.
See adv index at end of book

Steel Lockers and Steel Shelving

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 ST. LOUIS, MO.

7521— Locks (Air)

American Bridge Co. (Caissons), 30 Church, New York
 Coatesville Boiler Works, Coatesville, Pa.
 East Jersey Pipe Co., Paterson, N. J.
 Union Iron Works, Hoboken, N. J.

7522— Locks (Air Brake)

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

7523— Locks (Automobile)

Blackburn Specialty Co., 3409 Perkins av, Cleveland, O.
 Fraim E. T. Lock Co. ("Fraim Motor"), Lancaster, Pa.
See adv index at end of book
 Johnstone Auto Lock Co., Cleveland, O.
 Security Auto Lock Co. (Gasoline Lock), 452 5th av, New York
 Slaymaker Lock Co., Lancaster, Pa.

7524—Locks (Automobile Chain)

Stimpson Edw. B. Co. ("Lynch"), 68 Franklin av, Brooklyn, N. Y.

7525—Locks (Automobile Tire)

Allen Auto Spec. Co., 16 W 61st, New York
 Allith-Prouty Co. ("Apco" Self-Locking), Danville, Ill.
 Highton Wm. & Sons Co., Nashua, N. H.

7526—Locks (Automobile Tool Chest)

Dent Hardware Co., Fullerton, Pa.

Locks (Bank)

See Locks, Cabinet

Locks (Barn Door)

See Locks & Latches, Sliding Door

7527— Locks (Beer Case)

Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
20th Century Machinery Co., M. & M. Bank bldg, Milwaukee, Wis.

7528— Locks (Bicycle)

Corbin Cabinet Lock Co., New Britain, Conn.
Fram E. T. Lock Co. ("Cycle"), Lancaster, Pa. *See adv index at end of book*
Slaymaker Lock Co., Lancaster, Pa.
Yale Mfg. Co., 2056 E 4th, Cleveland, O.

7529— Locks (Billiard Cue)

Dent Hardware Co., Fullerton, Pa.
Eagle Lock Co., Terryville, Conn.

7530— Locks (Book)

Eagle Lock Co., Terryville, Conn.

7531— Locks (Box)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill. *See adv index at end of book*
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.
Brainerd Mfg. Co., East Rochester, N. Y.
Eagle Lock Co., Terryville, Conn.
Williams F. B. Co., 507 E 39th, Chicago, Ill.

7532—Locks (Breastplate, For Harness)

Berry Chas. E. ("Berry"), Somerville, Mass.

7533— Locks (Broom)

Walrath Alphonso Co. (Lithographed etc), Fort Plain, N. Y.

7534— Locks (Buckle)

Eagle Lock Co., Terryville, Conn.

7535— Locks (Cabinet)

Brainerd Mfg. Co., East Rochester, N. Y.
Chantrell Hardware & Tool Co. (also Cylinder Door), Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Deitz Alonzo E. (Cast & Wrought Brass, also Self-Locking), 73 Clymer, Brooklyn, N. Y.
Eagle Lock Co., Terryville, Conn.
Fram E. T. Lock Co., Lancaster, Pa. *See adv index at end of book*
Huber Mfg. Co., 417 E 93d, New York
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
National Lock Co., Rockford, Ill.
Penn Hardware Co., Reading, Pa.
Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Slaymaker Lock Co., Lancaster Pa.
Yale Mfg. Co., 2056 E 4th, Cleveland, O.

7536—Locks (Car & Switch)

See also Locks, Pad

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.
Bohannon, Wilson, 760 Lex. av, Brooklyn, N. Y.
Climax Co. (Switch), 275 Passaic, Newark, N. J.
Dayton Mfg. Co. (Door, Sash, Switch, etc), Dayton, O.
Detroit Ship Building Co. (Brass Dept.), Detroit, Mich.
Federal Signal Co. (Electric Switch), Albany, N. Y.
Fram E. T. Lock Co. ("Fram"), Lancaster, Pa. *See adv index at end of book*
Loeffelholz Co., Milwaukee, Wis.
Miller Lock Co., 4519 Tacony, Phila., Pa.
National Malleable Castings Co. (Car), 7706 Platt, S E, Cleveland, O.
Romer & Co. (Inc.), 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co. (Car Door Only), New Britain, Conn.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Sargent & Co., New Haven, Conn.
Slaymaker Lock Co., Lancaster, Pa.
Zelnicker Walter A. Supply Co. ("Elson"), 325 Locust, St. Louis, Mo.

Locks (Chest)

See Locks, Cabinet

7537— Locks (Cigar Box)

Eagle Lock Co., Terryville, Conn.

Locks (Clothes Locker)

See Locks, Locker

Locks (Cupboard)

See Locks, Cabinet

Locks (Cylinder)

See Locks, Cabinet

Locks (Desk)

See Locks, Cabinet

7538— Locks (Dog Collar)

Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.
Corbin Cabinet Lock Co. (Padlock, etc), New Britain, Conn.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Union Hardware Co., Torrington, Conn.

Locks (Drawer)

See Locks, Cabinet

7539—Locks (Elevator Door)

See also Elevator Safety Locks

Chisholm-Moore Mfg. Co. ("Moore's" Reversible Square), 49th & Lake, Cleveland, O.
Sargent & Greenleaf Co., Rochester, N. Y.

7540—Locks (Emergency Exit Door)

Clark Hugh Elmer & Bros. ("Clark's"), Brighton) Rochester, N. Y.
Vonnegut Hardware Co. ("Von Duprin"), Indianapolis, Ind.

7541-2— Locks (Hasp)

Allith-Prouty Co. ("Prouty"), Danville, Ill.
Slaymaker Lock Co., Lancaster, Pa.

Locks (Jail)

See Locks & Locking Devices, Prison Cell

Locks (Jewel Case)

See Locks, Cabinet

7543-4— Locks (Keyless)

American Keyless Lock Co. ("No-Key" Padlock), 619 W Jackson, Chicago, Ill.
EDWARDS MFG. CO. ("No-Key" Padlock), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Keyless Lock Co., Indianapolis, Ind.
Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.

7545— Locks (Lamp)

(For Locking Incandescent Lamps in Socket)

GENERAL ELECTRIC CO. (Locking Socket), Schenectady, N. Y.

See adv index at end of book
McGill Mfg. Co. ("Protector"), 77 Oak, Valparaiso, Ind.
See adv index at end of book

7546—Locks (Lavatory or Toilet)

Venn-Severin Machine Co. ("Coin-Key" Coin Operated), 1317 W North, Chicago, Ill.

7547— Locks (Locker)

Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Medart Fred Mfg. Co., DeKalb & Patomac, St. Louis, Mo.
See adv index at end of book
Miller J. B. Keyless Lock Co., Kent, O.
Miller Lock Co., 4523 Tacony, Phila., Pa.
Sargent & Greenleaf Co., Rochester, N. Y.
Slaymaker Lock Co., Lancaster, Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

7548— Locks (Net)

Speare's Alden Sons Co. ("Yates" for Laundries), 156 6th, Boston, Mass.

Locks (Night Latches)

See Latches, Night

Locks (Oar)

See Row-Locks

7549— Locks (Padlock)

American Keyless Lock Co. ("No-Key" Keyless), 619 W Jackson, Chicago, Ill.
Ames Sword Co. ("Perfection"), Chicopee Mass.
Bohannon Wilson, 760 Lexington av, Brooklyn, N. Y.
Chapman W. H. Co., Middletown, Conn.
Climax Co., 275 Passaic, Newark, N. J.
Corbin Cabinet Lock Co. (Wrought & Cast), New Britain, Conn.
Dayton Mfg. Co., Dayton, Ohio
Deitz Alonzo E. (Bronze Metal), 73 Clymer, Brooklyn, N. Y.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Eagle Lock Co., Terryville, Conn.
EDWARDS MFG. CO. ("No-Key"), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*
Edwards O. M. Co. (Heavy Bronze), Syracuse, N. Y.
Excelsior Plating Co. ("Secure"), Lancaster, Pa.

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Miller J. Walter Co., Lancaster, Pa.

Miller Lock Co., 4523 Tacony, Phila., Pa.

Penn Lock Works, 126 N 4th, Phila., Pa.

Romer & Co., 275 Passaic, Newark, N. J.

Russell & Erwin Mfg. Co., New Britain, Conn.

Safe Padlock & Hardware Co., Lancaster, Pa.

Sargent & Co. ("Elm City," "Aero," "R. F. D."), New Haven, Conn.

Sargent & Greenleaf Co., Rochester, N. Y.

Slaymaker Lock Co. ("Arco," "Ark," "Box," "Blue Seal," "Conoy," "Caput," "Curfew," "Eclipse," "Emu," "Flag," "Greek," "Interlocking," "Motor," "Ne Plus Ultra," "Napoleon," "Old Oak," "Oak," "Penn," "Panama," "Rex," "Rover," "Rustless," "Secure Levers," "Six Levers," "Special," "Spring Tumbler," "S. R. S., "Standard," "Tiny," "U. S., "X. M. P. L. R., "X. L. N. T., "X. Y. Z., "X. L., "York," "Slaymaker," "Climax," "R. F. D., "I. X. L., "Steel State," "Mail," "Imperial," "Sprocket," "Crank," "Bell," "Air King," "Pioneer," "Guard," "Raven"), Lancaster, Pa.

Smith & Egge Mfg. Co. ("Giant"), Bridgeport, Conn.

Star Lock Works, 110 S 8th, Phila., Pa.

Union Hardware Co. ("Scandinavian"), Torrington, Conn.

United Lock & Hardware Co. ("Army," "Giant," "Globe," "Hart," "Hex," "Jupiter," "King," "Mars," "Monarch," "Saturn," "Samson," "Star," "Winall"), Columbia, Pa.

Yale & Towne Mfg. Co., 9 E 40th, New York

7550— Locks (Pencil Box)

Grammes L. F. & Sons, Allentown, Pa.

7551—Locks (Piano & Sewing Machine)

Eagle Lock Co., Terryville, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

Locks (Pin Tumbler)

See Locks, Cabinet

7552—Locks (Pole)

Cutter Geo. Co., South Bend, Ind.
Line Material Co., So. Milwaukee, Wis.

7553—Locks (Post Office Box)

Eagle Lock Co., Terryville, Conn.
Federal Equipment Co., Carlisle, Pa.
Sargent & Greenleaf Co., Rochester, N. Y.

7554—Locks (Railway Signaling)

Fraim E. T. Lock Co. ("Fraim"), Lancaster, Pa. *See adv index at end of book*
General Railway Signal Co. (Time, Out-lying Switch), Rochester, N. Y.

7555—Locks (Refrigerator)

Brainerd Mfg. Co., East Rochester, N. Y.
DENT HARDWARE CO., Fullerton, Pa.
Greene, Tweed & Co., 109 Duane, New York
Safe Padlock & Hardware Co., Lancaster, Pa.
Tiebout W. & J., 118 Chambers, New York

7556—Locks (Safe Deposit)

Bates L. L. & Co. (Safe), 150 Portland, Boston, Mass.
Deitz Alonzo E. (Vault, Safety Deposit & Inside Safe), 73 Clymer, Brooklyn, N. Y.
Eagle Lock Co., Terryville, Conn.
Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.
Sargent & Greenleaf Co., Rochester, N. Y.
Yale & Towne Mfg. Co. (Handles & Locks), 9 E 40th, New York

7557—Locks (Sash)

Acme Supply Co. (For R. R. Cars), 28 E Jackson blvd, Chicago, Ill.
Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.
Allith-Prouty Co. ("Prouty"), Danville, Ill.
Bradley & Farnham, Middlefield, Conn.
Brohard Co. (Stamped Steel), 3d & Lehigh, Phila., Pa.
Caldwell Mfg. Co., ("Empire") Rochester, N. Y.
CHAMPION HARDWARE CO. ("Champion," "Side," "Monitor," "Never Break" & "Wrought"), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.

Corbin P. & F., New Britain, Conn.
Creamer W. G. & Co. (Railway Car), 96 John, New York
Curtiss Geo. L. Co., Southington, Conn.
Dayton Mfg. Co. ("Ardee," Sash Lock & Anti-Rattler, for Car Windows, etc), Dayton, O.
Eagle Lock Co. (Sliding, Sash, etc), Terryville, Conn.
Ellis Mfg. Co. ("Sampson"), Milldale, Conn.
Enterprise Hardware Mfg. Co., Frederick, Md.
Fitch W. & E. T. Co. ("Star"), New Haven, Conn.
Gardner Sash Pulley Co. (Steel), 15 N Jefferson, Chicago, Ill.
Howard Jas. L. & Co. (For R. R. Cars), Hartford, Conn.
Ives H. B. Co., New Haven, Conn.
Lawrence Bros., Sterling, Ill.
Lockwood Mfg. Co., South Norwalk, Conn.
McCord Mfg. Co. ("Universal" for Car Windows), Detroit, Mich.
National Lock Washer Co., 65 Johnson, Newark, N. J.
National Mfg. Co. (All Steel or Solid Brass), Sterling, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.
Safe Padlock & Hardware Co., Lancaster, Pa.

Sager Lock Co., North Chicago, Ill.
Sargent & Co., New Haven, Conn.
Schroeder Bros., 902 Payne, St. Paul, Minn.
Sharon Hardware Mfg. Co. ("Sharon" All Steel), Sharon, Pa.
Shelby Spring Hinge Co. ("Shelby" Steel & Brass or Bronze, Polished), Shelby, Ohio
Smith Frank E., Metal Window Hardware Co. ("Kantpick" & "Smith's" Adjustable), 81 Clay, Newark, N. J.
Standard Mfg. Co., Shelby, O.
Taylor & Boggis Foundry Co., Cleveland, Ohio
Technology Sales Co., 29 B'way, New York
WESTLUND C. G. CO. ("Westlund Window"), 498 Millbury, Worcester, Mass.
Yale & Towne Mfg. Co., 9 E 40th, New York

7558—Locks (Sash, Fireproof)

Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.

7559—Locks (Sash, Ventilating)

Benjamin-Sellar Mfg. Co. ("Benjamin"), 559 W. Quincy, Chicago, Ill.
Bradley & Farnham ("Ellis"), Middlefield, Conn.
Brohard Co. ("Brohard"), 3rd & Lehigh, Phila., Pa.
Burgess & Norton Mfg. Co. ("Bur-Nor," "Security"), Geneva, Ill.
Climax Lock & Ventilator Co. ("Climax" & "Simplex" Automatic Ventilating), 656 Michigan av, Buffalo, N. Y.
Drouve G. Co. ("Lovell" & "Straight Push"), 40 Tulip, Bridgeport, Conn. & 180 N Dearborn, Chicago, Ill.
Harley Burglar Proof Ventilating Sash Lock Mfg. Co., 3341 Ogden av, Chicago, Ill.
Ives H. B. Co., New Haven, Conn.
Lawson Mfg. Co. ("Matchless" Automatic Burglar Proof), 230 W Superior, Chicago, Ill.
National Mfg. Co. (Ventilating Window Lock), Sterling, Ill.
Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.
Racine Metal Stamping Co. ("Racine," Automatic Lock), Racine, Wis.
Technology Sales Co. ("Ventilator") 29 B'way, New York
Wolverine Supply & Mfg. Co. ("Wolverine"), Page & Fontella, Pittsburgh, Pa.

Locks (Sliding Door)

See Locks & Latches, Sliding Door

7560—Locks (Slot Machine)

Miller J. B. Keyless Lock Co. ("J. B. Miller's" Keyless), Kent, O.
Sargent & Greenleaf Co., Rochester, N. Y.

7561—Locks (Stall Door)

Western Brass Mfg. Works, Marshall blvd, & W 21 st, Chicago, Ill.

Locks (Store Door)

See Locks & Knobs, Door, House, etc.

7562—Locks (Time)

Barnes Safe & Lock Co., 941 Liberty av, Pittsburgh, Pa.
Chicago Time Lock Co., 2765 St. Marys, Chicago, Ill.
Consolidated Time Lock Co., 2268 Spring Grove av, Cincinnati, Ohio
Diebold Safe & Lock Co., Canton, O.
Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.
Mosler Safe Co., Hamilton, O.
Pelps Guardant Time Lock Co. (For Time Service), 114 Liberty, New York
Sargent & Greenleaf Co., Rochester, N. Y.
Yale & Towne Mfg. Co., 9 E 40th, New York

7563—Locks (Time Recording, Electric)

Sohm Electric Co., ("Sohm"), 141 W Austin av, Chicago, Ill.

Locks (Tool Chest)

See Locks, Cabinet

7564—Locks (Trunk & Suit Case)

American Brass Novelty Co., Grand Haven, Mich.
Corbin Cabinet Lock Co., New Britain, Conn.
Eagle Lock Co., Terryville, Conn.
Excelsior Hardware Co., Stamford, Conn.
Riley, Klotz Mfg. Co., 17 Mulberry, Newark, N. J.
Star Lock Works, 110 S 8th, Phila., Pa.
Yale & Towne Mfg. Co., 9 E 40th, New York

Locks (Ventilating, Window)

See Locks, Sash, Ventilating

Locks (Wardrobe)

See Locks, Cabinet

7565—Locks & Catches (Casket)

Eagle Lock Co., Terryville, Conn.

7566—Locks & Knobs (Door, House, Etc.)

See also Hardware Manufacturers

Barrows Lock Co., Lockport, Ill.
Bohannon, Wilson, 760 Lex. av, Brooklyn, N. Y.
Brass Goods Mfg. Co. (Refrigerator), 533 Union, Brooklyn, N. Y.
Champion Hardware Co., (Locks only), Geneva, O.
Chantrell Hardware & Tool Co., Reading, Pa.
Clark Hugh Elmer & Bros. ("Clark's" Emergency Exit Door Lock) (Brigh-ton) Rochester, N. Y.
Climax Co., 275 Passaic, Newark, N. J.
Columbia Machine Works & Malleable Iron Co. (Door Handles), Atlantic av & Chestnut, Brooklyn, N. Y.
Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Deitz Alonzo E. (Drawer, Store Door, Padlock, etc.), 73 Clymer, Brooklyn, N. Y.
Gibson & Kirk Co., 217 Key Highway, Baltimore, Md.
Hall Wm. Co. (Glass Door Knobs), Wollaston, Mass.
Howard Jas. L. & Co. (Car Door), Hartford, Conn.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Keil Francis & Son, 401 E 163d, New York
Lockwood Mfg. Co., S. Norwalk, Conn.
New England Lock & Hinge Co., Winchendon, Mass.
Nock G. W. Co., 126 N 4th, Phila., Pa.
Norwalk Lock Co., South Norwalk, Conn.
Ochsner A. & Son (Automobile & Carriage), New Haven, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co. (Cylinder Dead Knob), Reading, Pa.
Phoenix Lock Works, 3rd av, Newark, N. J.
Reading Hardware Co. ("Reading"), Reading, Pa.
Romer & Co., 275 Passaic, Newark, N. J.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Schroder J. B. Co., (also for Asylums, Hotels, etc), 133 E 5th, Cincinnati, O.
Shelby Spring Hinge Co., Shelby, O.
Star Lock Works, 110 S 8th, Phila., Pa.
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.
Taylor & Boggis Foundry Co., Cleveland, O.
Thomas T. & Co., 28 Mechanic, Newark, N. J.
Woodruff W. W. & Sons Co. (Carriage Door), Mount Carmel, Conn.
Yale & Towne Mfg. Co., 9 E 40th, New York

7567—Locks & Latches (Sliding Door,

Auer John, Jr. (Wrought), 197 Middle-ton, Brooklyn, N. Y.
Brewer Bros. Co., 614 Filbert, Philadelphia, Pa.
Chantrell Hardware & Tool Co., Reading, Pa.
Corbin Cabinet Lock Co., New Britain, Conn.

Corbin P. & F., New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Lane Bros. Co., Poughkeepsie, N. Y.
National Mfg. Co. ("Washburne" Latches for Sliding or Swinging Doors), Sterling Ill.

Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.
Reliance Ball Bearing Door Hanger Co., 30 E 42nd, New York
Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.
Sargent & Greenleaf Co., Rochester, N. Y.
Schroder J. B. Co., 133 E 5th, Cincinnati, O.

Shimer Wm. Son & Co., (Door) Freemansburg, Pa.

Stearns E. C. & Co. (For Sliding Door), 450 Oneida, Syracuse, N. Y.

Stowell Co. The (For Elevator Doors, etc.), So. Milwaukee, Wis.

Taylor & Boggis Foundry Co., Cleveland, O.

Wagner Mfg. Co. ("Wagner," Latches), Cedar Falls, Ia.

Western Brass Mfg. Works (Iron Japaned & Brass), Marshall blvd & W 21st, Chicago, Ill.

Yale & Towne Mfg. Co., 9 E 40th, New York

7568-9-70—Locks & Locking Devices (Prison Cell)

Champion Iron Co., Kenton, O.
Climax Co., 275 Passaic, Newark, N. J.
Ham L. M. Co., 158 Portland, Boston, Mass.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Pauly Jail Building Co., 2215 De Kalb, St. Louis, Mo.

ST. PAUL FOUNDRY CO., Como av & Mackubin, St. Paul, Minn.
See adv index at end of book

Sargent & Greenleaf Co., Rochester, N. Y.

Schroder J. B. Co., Cincinnati, O.

Stewart Iron Works Co., Cincinnati, O.

Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.

Yale & Towne Mfg. Co., 9 E 40th, New York

7571—Locomotive Bell Ringers

Adreon Mfg. Co. ("Security"), Security bldg, St. Louis, Mo.

Hammett H. G. ("Trojan" Air or Steam), Troy, N. Y.

Heginbottom S. H. & Sons (Automatic), Saginaw, Mich.

Holmes Robt. & Bros. (Air & Steam), Danville, Ill.

Smedley Steam Pump Co. (Automatic), Dubuque, Iowa

United States Metallic Packing Co. (The Gollmar, 427 N 13th, Phila., Pa.

Vissering Harry & Co., 14 E Jackson blvd, Chicago, Ill.

Western Railway Equipment Co. ("Western," Pneumatic), Central Natl. Bank bldg, St. Louis, Mo.

7572—Locomotive Coaling Stations

See also Coal & Ore Handling Machinery

American Bridge Co., 30 Church, New York

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg., Chicago, Ill.
For branch offices see adv index at end of book

Dempsy-Degener Co., 307 4th av, Pittsburgh, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Hunt C. W. Co., West New Brighton, N. Y.
See adv index at end of book

Ogle Construction Co., 332 S Michigan av, Chicago, Ill.

PITTSBURG-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.

See adv index at end of book

Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.

Webster Mfg. Co., Tiffin, O.

7573—Locomotive Fire Boxes

Brennan John Co., 24th & M. C. R. R., Detroit, Mich.

Jacobs-Shupert United States Firebox Co. ("Jacobs-Shupert" Sectional), 30 Church, New York

7574—Locomotive Fire Kindler

Mac Leod Co., 2227 Bogen, Cincinnati, Ohio
See adv index at end of book

Railway Materials Co. ("The Ferguson", Portable), Railway Exch. bldg, Chicago, Ill.

7575—Locomotive Guide Liners

STARRETT L. S. CO., Athol, Mass.

See adv index at end of book

7576—Locomotive Jacket Iron & Steel

American Sheet & Tin Plate Co. ("Wood's" Planished), Frick bldg, Pittsburgh, Pa.

Horner W. S. & Co. (Planished Iron), Oliver bldg, Pittsburgh, Pa.

Wood Alan Iron & Steel Co. (A. W." Cold Rolled Steel), Widener bldg., Philadelphia, Pa.

Wood J. & Bros. Co., Conshohocken, Pa.

7577—Locomotive Lagging

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.

Ehret Magnesia Mfg. Co. (Magnesia), Land Title bldg, Phila, Pa.

Franklin Mfg. Co. (Also Air Pump Cylinder Lagging), Franklin, Pa.

Johns H. W. Manville Co. ("Magnesia," "Asbestos," "Fire Felt,"), Madison av & 41st, New York

Keasbey & Mattison Co. (Magnesia & Asbestos), Ambler, Pa.

Watson H. F. Co., Erie, Pa.

7578—*Locomotive Netting

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y.

See adv index at end of book

MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich.

See adv index at end of book

TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7579—*Locomotive Oil Cups

See also Lubricators Oil & Grease Cup

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

See adv index at end of book

7580—Locomotive Sanders

See also Boxes, Sand

American Safety Lamp & Mine Supply Co., ("Gapp" & "Ames") Scranton, Pa.

Holden & White, Fisher bldg, Chicago, Ill.

Nathan Mfg. Co. (Steam Apparatus), 416 E 106th, New York

Newark Sand Box Co. ("De France"), Newark, O.

Railway & Traction Supply Co. ("Wyoming" Vacuum), 79 W Monroe, Chicago, Ill.

Sault Mfg. Co. ("Worcester" Compressed Air for Electric Railways), Worcester, Mass.

United States Metallic Packing Co. ("Leach," "She," "Sherbourne," 427 N 13th, Philadelphia, Pa.

7581—Locomotive Stokers

Burke Furnace Co., 223 W Austin av, Chicago, Ill.

Locomotive Stoker Co. ("Street"), Schenectady, N. Y.

Standard Stoker Co., du Pont bldg, Wilmington, Del.

7582—Locomotive Tiles

American Arch Co. (Solid & Hollow Brick Arches), 30 Church, New York

American Fire Brick Co., Spokane, Wash.

Ashland Fire Brick Co. (Solid & Sectional), Ashland, Ky.

Buckeye Fireclay Co., Uhrichsville, O.

Chicago Retort & Fire Brick Co., 208 S La Salle, Chicago, Ill.

Denny-Renton Clay & Coal Co., Seattle, Wash.

Denver Fire Clay Co., 1742 Champa, Denver, Col.

Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.

Fulton Fire Brick Co., Fulton, Mo.

Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.

Garfield Fire Clay Co., Robinson, Pa.

Harbison-Walker Refractories Co. (All Types of Locomotive Fire Brick), Farmers' Bank bldg, Pittsburgh, Pa.

Kier Fire Brick Co., Oliver bldg, Pittsburgh, Pa.
See adv index at end of book

Killian Fire Brick Corp., Killian, S. C.

Laclede-Christy Clay Products Co., Manchester & Sulphur av, St. Louis, Mo.

Louisville Fire Brick Works, Louisville, Ky.

Maurer Henry & Son, 420 E 23d, New York

Mutton Hollow Fire Brick Co., Woodbridge, N. J.

National Fireproofing Co., Fulton bldg, Pittsburgh, Pa.

Ostrander Fire Brick Co., Troy, N. Y.

Parker-Russell Mining & Mfg. Co., Laclede Gas Light bldg, St. Louis, Mo.

Portsmouth Refractories Co., Portsmouth, O.

Remmey Richard C. Son Co., Hedley & Dei, Phila., Pa.

St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.

Stevens H. Sons Co., Macon, Ga.

Walsh Fire Clay Products Co., 4070 N Main, St. Louis, Mo.

Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.

Locomotive Valve Gear

See Gear, Locomotive Valve

7583—*Locomotives

WONHAM, BATES & GOODE INC. (All Classes), 17 Battery pl, New York

7584—Locomotives (Alcohol)

Milwaukee Locomotive Mfg. Co., Ft. Bellevue pl, Milwaukee, Wis.

7585—Locomotives (Compressed Air)

Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.

Vulcan Iron Works, ("Vulcan") Wilkes-Barre, Pa.

Locomotives (Contractors')

See Locomotives, Industrial & Mine

Locomotives (Dirt Road)

See Engines, Traction, Various Kinds

7586—Locomotives (Electric)

American Locomotive Co., 30 Church, New York

Atlas Car & Mfg. Co. (Direct & Alternating Current), Cleveland, O.

See adv index at end of book

Baldwin Locomotive Works, 500 N Broad, Phila., Pa.

Brill J. G. Co., 62nd & Woodland av, Phila., Pa.

Davis C. K. Mfg. Co. (Storage Battery), Detroit, Mich.

Electric Carrier Co., 15 Park Row, New York

GENERAL ELECTRIC CO., Schenectady, New York
See adv index at end of book

HUNT C. W. CO., West New Brighton, N. Y.
See adv index at end of book

JEFFREY MFG. CO. (Industrial, Mine, etc), 961 N Fourth, Columbus, O.

See adv index at end of book

Lakewood Engineering Co. (Industrial & Mining), Cleveland, O.

See adv index at end of book

McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.

Mead-Morrison Mfg. Co., Prescott & Orleans, Boston, Mass.

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

7587—*Locomotives (Electric Industrial & Mine)

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, New York *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

7588—Locomotives (Electric, Mine Haulage)

American Locomotive Co., 30 Church, New York
ATLAS CAR & MFG. CO., Cleveland, O. *See adv index at end of book*
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Davis C. K. Mfg. Co., Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Morgan-Gardner Electric Co., 27th & Shields av., Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

7589—Locomotives (Gasoline)

Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Easton Car & Construction Co., Fourth St., Easton, Pa.
Fate J. D. Co. ("Plymouth"), Plymouth, Ohio
Milwaukee Locomotive Mfg. Co., Ft. Bellevue pl, Milwaukee, Wis.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitcomb Geo. D. Co. (For Mines), Rochelle, Ill.

7590—*Locomotives (Gasoline Motor)

ORENSTEIN-ARTHUR KOPPEL CO.
New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

7591—Locomotives (Geared)

Climax Mfg. Co. ("Climax"), Corry, Pa.
Davenport Locomotive Works, Davenport, Ia.
Heisler Locomotive Works, Erie, Pa.
Lima Locomotive Corp. ("Shay" Geared), 106 3rd av, Lima, O.

7592—Locomotives (Industrial & Mine)

See also Locomotives, Electric Mine Haulage
American Locomotive Co., 30 Church, New York
Atlas Car & Mfg. Co. (Electric), Cleveland, O. *See adv index at end of book*
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
Davenport Locomotive Works, Davenport, Ia.
Davis C. K. Mfg. Co. (Storage Battery), Detroit, Mich.
Dewey Bros., Goldsboro, N. C.
EASTON CAR & CONSTRUCTION CO., Fourth St., Easton, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
Hover Machine Works, Marietta, Ga.
Hunt C. W. Co., West New Brighton, New York *See adv index at end of book*
JEFFREY MFG. CO. (Electric), 961 N Fourth, Columbus, O. *See adv index at end of book*
Lima Locomotive Corp. ("Shay"), 106 3d, Lima, O.
Milwaukee Locomotive Mfg. Co. (Gasoline Mine Haulage), Ft. Bellevue pl, Milwaukee, Wis.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco
Porter H. K. Co. (Steam & Pneumatic), Union Bank bldg, Pittsburgh, Pa.
Vulcan Iron Works, Wilkes-Barre, Pa.
Whitcomb Geo. D. Co. (Gasoline Mine), Rochelle, Ill.

7593—Locomotives (Logging)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Climax Mfg. Co. (Tramway), Corry, Pa.
Davenport Locomotive Works, Davenport, Ia.
Dilley Foundry Co., Pine Bluff, Ark.
Heisler Locomotive Works, Erie, Pa.
Kilby Car & Foundry Co., Anniston, Ala.
Lima Locomotive Corp. ("Shay" Geared & Direct Connected), 106 3rd, Lima, Ohio
Phoenix Mfg. Co., Eau Claire, Wis.
Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.

7594—Locomotives (Oil Burning)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Bell Locomotive Works, Yonkers, N. Y.
Davenport Locomotive Works, Davenport, Ia.
Lima Locomotive Corp., 106 3d, Lima, O.
Porter H. K. Co., Union Bank bldg, Pittsburgh, Pa.

Locomotives (Pneumatic)

See Locomotives, Compressed Air

7595—Locomotives (Rebuilt)

Baldwin Locomotive Works (Repaired for Owners Only), 500 N Broad, Phila., Pa.
Birmingham Rail & Locomotive Co., Birmingham, Ala.
Central Locomotive & Car Works, Fisher bldg, Chicago, Ill.
Dilley Geo. E. & Son, Palestine, Texas
Georgia Car & Locomotive Co., Atlanta, Ga.
Grant Locomotive & Car Works, Houston, Tex.
Meyer Henry H. Co., 110 S Howard, Baltimore, Md. *See adv index at end of book*
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.
Raleigh Iron Works Co., Raleigh, N. C.
Rothruss-Howard Iron Works, Williamsport, Pa.
Union Iron Works Co., Selma, Ala.
Warner P. B., Culloms Station, Sedamsville, Cincinnati, O.

Locomotives (Second Hand)

See Railroad Equipments, Second-Hand

7596—Locomotives (Steam Railroad)

American Locomotive Co., 30 Church, New York
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Kilby Car & Foundry Co., Anniston, Ala.
Lima Locomotive Corp., 106 3rd, Lima, O.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

7597—Locomotives (Storage Battery)

ATLAS CAR & MFG. CO., Cleveland, O. *See adv index at end of book*
Baldwin Locomotive Wks., 500 N Broad, Phila., Pa.
Davis C. K. Mfg. Co., Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
New Jersey Foundry & Machine Co., 89 West, New York

Locomotives (Traction)

See Engines, Traction, Various Kinds

7598—Locomotives & Railways (Miniature)

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.
Ives Mfg. Corp. (Toy), Bridgeport, Conn.
McGarigle Machine Co., Niagara Falls, N. Y.
Mangels Wm. F. Co. (Third Rail) 2863 West 8th Brooklyn, N. Y.
Morris E. Joy, 902 Walnut, Philadelphia, Pa.
Osborn J. K. Mfg. Co., Harrison, N. J.
Thompson, L. A. Scenic Railway Co., 291 B'way, New York
Voltamp Electric Mfg. Co. (Electric), 407 N Paca, Baltimore, Md.

7599—Log Hauls

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Sawmill Machinery Co. ("American" Friction), Hackettstown, N. J.
Bay City Iron Co., Bay City, Mich.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Chain Belt Co., Milwaukee, Wis.
Challoner Co., Oshkosh, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works ("Diamond" Steam & Car Hauls), 2nd & 18th av N, Minneapolis, Minn.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Mecklenburg Iron Works, Charlotte, N. C.
Memphis Machine Works, Memphis, Tenn.
Parker Surry (Steam), Pinetown, N. C.
Phoenix Mfg. Co., Eau Claire, Wis.
Puget Sound Iron & Steel Works, Tacoma, Wash.
Southern Engine & Boiler Works, Jackson, Tenn.
Union Iron Works, Bangor, Me.
Webster Mfg. Co., Tiffin, O.
Wickes Bros., Saginaw, Mich. *See adv index at end of book*

7600—Log Hooks Or Timber Carriers

American Logging Tool Co., Evart, Mich.
Champion Tool & Handle Co., Evart, Mich.
Columbus Handle & Hool Co., Columbus, Ind.
Gerlach Peter Co., 1712 Winter, Cleveland, O.
Morley Bros., Saginaw, Mich.
Oshkosh Mfg. Co., Oshkosh, Wis.
Warren Axe & Tool Co., Warren, Pa.

7601—Log Jackers

Curtis & Co. Mfg. Co. ("Curtis"), 1571 Kienlen av, St. Louis, Mo.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*
Phoenix Mfg. Co., Eau Claire, Wis.
Wickes Bros., Saginaw, Mich. *See adv index at end of book*

Log Loaders (Steam)

See Loaders, Log

Log Rollers

See Loaders, Log

7602— Log Turners.

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
American Sawmill Machinery Co. ("American"), Hackettstown, N. J.
Challoner Co. ("Simonson"), Oshkosh, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Edwards Mfg. Co. ("Duplex"), Laceyville, Pa.
Filler & Stowel Co., Milwaukee, Wis.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Memphis Machine Works, Memphis, Tenn.
Moltz Jacob J., Williamsport, Pa.
Phoenix Mfg. Co. ("Hills"), Eau Claire, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Trumbull Mfg. Co., Warren, O.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

7603— Loggers' Supplies

Broderick & Bascom Loggers' Supply Co., 623 Western av, Seattle, Wash.

Logging by Steam

See Cableways, Wire Rope; also Log Hauls; also Engines, Logging

7603a— Logs (Engine)

Cummings Ship Instrument Works ("Cumplings") 110 High, Boston, Mass.

7604— Logs (Gas)

Backus Frederick E. ("Backus"), 110 Portland, Boston, Mass.
Cassel Jacob C., 2347 N 7th, Philadelphia, Pa.
Crane Wm. M. Co. ("Vulcan"), 16 32d, New York
Galloway Terra Cotta Co. (Terra Cotta), 3200 Walnut, Phila., Pa.
Gleason E. P. Mfg. Co. ("Driftwood"), 37 Murray, New York
Hansen Otto E., Perth Amboy, N. J.
JACKSON EDWIN A. & BRO., INC., 50 Beekman, New York
See adv index at end of book
Marietta Rustic Co., Williamstown, W. Va.
Mead Gas Heater Co., Delawanna, N. J.
Pure-Air Range & Grate Co. ("Hamilton Pure-Air"), Oakland, Cal.
Stover Mfg. Co., Freeport, Ill.
Superior Mfg. Co., Allegheny, Pa.

7605— Logs (Liquor)

Bryson City Pump Works Co., (Pitch Pine,) Bryson City, N. C.
Wood's G. R. Sons Co., Sheffield, Pa.

7606— Logs (Ship)

Bliss John & Co., 128 Front, New York
Cummings Ship Instrument Works, ("Cumplings" Engine), 110 High, Boston, Mass.
Durkee D. & Co. (Taffrail), 2 South, New York
Hand John & Sons Co. (Taffrail), 222 Walnut, Phila., Pa.
Merrill's R. Sons, 66 South, New York
Negus T. S. & J. D., 140 Water, New York
Nicholson Ship Log & Realty Co., 409 Superior, N. W., Cleveland, O.
Schuette Recording Compass Co., Manitowoc, Wis.

7607—Loops (Brass, For Top Straps)

Medina Stamping & Machine Co., Medina, N. Y.

7608— Loops (Cross Strap)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

7609— Loops (Hame)

Fraer & Jones Co. (Inside), Syracuse, N. Y.
North & Judd Mfg. Co. ("Anchor Brand" Bottom), New Britain, Conn.
Schartow Mfg. Co., Milwaukee, Wis.

7610— Loops (Hold-Back)

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

7611— Loops (Leather)

Higgin Mfg. Co., Newport, Ky.
Monarch Carriage Goods Co. ("Buckle"), Cincinnati, O.

7612— Loose Leaf Devices

American Loose Leaf Mfg. Co., 121 N Green, Chicago, Ill.
Armstrong H. J. & Co., 538 S Clark, Chicago, Ill.
Baker-Vawter Co. (Ledgers), Benton Harbor, Mich.
Barrett Bindery Co. (Screws & Sleeves) 732 Federal, Chicago, Ill.
Benton Mfg. Co., 9 Bethune, New York
Boorum & Pease Co. ("B. & P. Standard," "Sieber & Trussell"), 109 Leonard, New York
Catalogue Equipment & Supply Co. (Covers), Allston, Boston, Mass.
Chicago Binder & File Co. (Push Button Lock Binder "Perfect" Self-Indexing Ledger), 117 S Clinton, Chicago, Ill.
Conolly, Henry Co., Rochester, N. Y.
Dawson Bindery Co., 216 N Main, St. Louis, Mo.
Gerlach J. H., College Point, N. Y.
Grammes L. F. & Sons, Allentown, Pa.
Heinn Co. (Ledgers), 354 Florida, Milwaukee, Wis.
Hoppinger Co., 118 St Clair av N E, Cleveland, O.
Irving-Pitt Mfg. Co. ("1-P" Ring Binder for Loose Leaf Ledgers, etc), Kansas City, Mo.
Johnston Wm. G. Co., 429 Wood, Pittsburgh, Pa.
Kalamazoo Loose Leaf Binder Co., Kalamazoo, Mich.
McBee Binder Co. (Binders), Athens, O.
McDonald J. S. Co. (Gravity-Lock Binder), 638 Federal, Chicago, Ill.
McKiernan Geo. F. & Co., 430 S Green, Chicago, Ill.
McMillan Book Co., Syracuse, N. Y.
Mac Gowan & Cooke Printing Co., Chattanooga, Tenn.
Mann Wm. Co., 529 Market, Phila., Pa.
Morden Mfg. Corporation (Metal Parts), Waterbury, Conn.
Moore John C. Corp., Rochester, N. Y.
National Blank Book Co. ("Saxon" Post Binder) Holyoke, Mass.
Nelson Corp. ("Banner"), 4114 Ravenswood av, Chicago, Ill.
Plew & Motter ("Verybest"), 1200 W Monroe, Chicago, Ill.
Proudfit Loose Leaf Co., Grand Rapids, Mich.
Razall H. G. Mfg. Co. (Ledgers), 300 7th av, Milwaukee, Wis.
Richmond & Backus Co. (Ledgers), 111 Woodward av, Detroit, Mich.
Rockhill & Viotor (Loose Leaf Holders), 22 Cliff, New York
Rubel Loose Leaf Mfg. Co., 314 W Superior, Chicago, Ill.
Scott-Coppage Co., 295 Lafayette, New York
Seavey Co., Portland, Me.
Sheppard C. E. Co., Spring & Hudson, New York
Sherick Harry C., 321 Walnut, Cincinnati, Ohio
Shipman's Asa L. Sons ("Advance"), 100 Chambers, New York
Sieber Co. (Loose Leaf Systems & Improved Ofc. App.), Pierce bldg, St Louis, Mo.
Skinner & Kennedy Stationery Co., 416 N 4th, St. Louis, Mo.
Stationers' Loose Leaf Co., Milwaukee, Wis.
Tatum Sam'l C. Co., Cincinnati, O.
Tenacity Mfg. Co. (Metal Parts), Reading, Ohio
Tengwall Co., 2954 Sheffield av, Chicago, Ill.
Triple S. Machine Co. (Metal Parts), 1013 Wellington, Chicago, Ill.
Trussell Mfg. Co. (Memo. Books, etc.), Poughkeepsie, N. Y.
Underwood Mfg. Co. (Metal Parts), 717 Sycamore, Cincinnati, O.
Van Buren Bros., 673 W. Madison, Chicago, Ill.
Well Bros. ("Empire" Ledger), 641 W Lake, Chicago, Ill.
Wiggins Jno. B. Co., 1104 S Wabash av, Chicago, Ill.
Wilson, Jones Loose Leaf Co. ("De Luxe," "Jones Improved"), 3020 Carroll av, Chicago, Ill.
Wissler A. (Self-Adjustable, Any Size), B'way & Wash av, St. Louis, Mo.

7613— Lounge Feet

Universal Caster & Foundry Co. (Copper Bronzed), 574 Ferry, Newark, N. J.

7614— *Louvres

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.
TYLER W. S. CO., Cleveland, O.
See adv index at end of book

7615—*Lubricants (Automobile)

See also Lubricating Oils & Greases
Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.
DIXON JOSEPH CRUCIBLE CO. ("Dixon's" Graphite), Jersey City, N. J.
See adv index at end of book
GULF REFINING CO., Frick bldg annex, Pittsburgh, Pa.

Lubricants (Commutator)

See Compounds, Commutator

Lubricants (Gas Engine)

See Lubricating Oils & Greases

7616— Lubricants (Gear)

Atlantic Refining Co. (Also Shafting), 3144 Passyunk av, Phila., Pa.
Bayerson Oil Works, Erie, Pa.
Climax Refining Co., Cleveland, O.
Dixon Joseph Crucible Co., Jersey City, N. J. *See adv index at end of book*
Ironsides Co., Columbus, Ohio
Stephenson Mfg. Co. ("Stephenson"), Albany, N. Y.
Texas Co. ("Texaco Crater"), 17 Battery pl, New York
White & Bagley Co., 100 Foster, Worcester, Mass.

7617—Lubricants (Graphite)

Acheson Graphite Co. ("Aquadog," "Gre-dag," "Oildag"), Niagara Falls, N. Y.
Acheson Oildag Co. ("Oildag"), Port Huron, Mich.
Adreon Mfg. Co. ("Campbell"), Security bldg, St. Louis, Mo.
American Oil Corp'n ("Advance" Greases), Jackson, Mich.
Cataract Refining & Mfg. Co., Buffalo, N. Y.
Climax Refining Co., Cleveland, O.
DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.
See adv index at end of book
Federal Graphite Mills, 2639 E 79th, Cleveland, O.
Graphoil Lubricating Co. ("Graphoil"), 1777 B'way, New York
Harris A. W. Oil Co. ("Harris" Graphite Grease), 326 S Water, Providence, R. I.
Hollingshead R. M. Co. ("Whiz"), Camden, N. J.
Invader Oil Co. (Grease), 80 Broad, N. Y.
Monarch Mfg. Co. ("Graphalene" Graphite), Oil, Council Bluffs, Ia.
Strong, Carlisle & Hammond Co. ("Randall" Sheet), 336 Frankfort av, N. W., Cleveland, O.
United States Graphite Co., Saginaw, Mich.
Winslow Lubricating Co. ("Graphinoll"), 608 Swan, Buffalo, N. Y.
Wolverine Lubricants Co. ("Wolf's Head"), 78 Broad, New York

7618— Lubricants (Mica)

Johnston Wm. T. Co. ("Flotta Mica," for Hot Bearings), 3rd & Vine, Cincinnati, Ohio
United States Mica Mfg. Co. ("Flake" Lubricant), 14 E Jackson blvd, Chicago, Ill.
Warren Lubricant Co., Buffalo, N. Y.

7619—Lubricants (Roller Bearing)

Royersford Fdry. & Mch. Co. ("Rollerine"), Royersford, Pa.

7620—Lubricants (Solid, for Differential Gears)

Swain Lubricator Mfg. Co., 443 W 37th, Chicago, Ill.

Lubricants (Wire Rope)

See Wire Rope Coating & Lubricant

7621—Lubricating Oils & Greases

ARKANSAS.

LITTLE ROCK—Gay Oil Co.

CALIFORNIA.

LOS ANGELES—Hercules Oil Refining Co.
Pacific Coast Beef & Provision Co.
(Animal Oils & Greases)
Southern Refining Co. (Oils)
Union Oil Co. of Cal., Union Oil bldg
Warren & Bailey Mfg. Co. (Oils), 359
N. Main

SAN FRANCISCO—American Oil & Paint
Co., 284 Perry
Capitol Refining Co., 343 Sansome
Clinch C. G. & Co., 144 Davis
Fuller W. P. & Co., 301 Main
McGuffick J. R. & Co. (Oils), 148
Steuart
Nason R. N. & Co., 151 Potrero av
New York Lubricating Oil Co., 516 2d
Whittier-Coburn Co., Howard & Beale

COLORADO.

DENVER—Continental Oil Co.

CONNECTICUT.

HARTFORD—Post & Lester Co. ('Lubro
Visco')
Sweet C. F. ('Mercedes,' 'Climax')

GEORGIA.

ATLANTA—Reed Oil Co. ('Reed' Cylin-
der Grease)
AUGUSTA—Peoples Oil Co.

ILLINOIS.

CHICAGO—Advance Packing & Supply
Co. ('Autoleum'), 11 N Franklin
Ajax Lubricating Co., 108 S La Salle
Besley Chas. H. & Co. ('Helmet'
Oil), 120 N Clinton. Works: Be-
loit, Wis.
Champion Oil Co. (Engine, Valve &
Car Oils, etc), 633 W 39th
Chicago Engineer Supply Co., 68 W
Lake
Collins W. P. & Co., 701 Dearborn
Columbia Lubricants Co., 1549 S
Michigan
Consumers Refining Co., 76 W. Monroe
Continental Oil Products Co. ('Con-
tinental'), 4053 S La Salle
Crescent Linseed Oil Works (Natural
Lubricating Oils), 927 Blackhawk
Crew Levick Co., 327 W Austin
Dearborn Chemical Co., ('Fort
Clyde,' 'Fort Dearborn,' 'Fort
Douglass,' 'Fort Sheridan' &
'Fort Snelling'), 332 S Michigan
av
Economy Oil Co. ('Economy' &
'Eaco'), 13th & Clinton
Frazer Lubricator Co. ('Frazer'),
3921 Normal av
International Oil Refining Co., 1001 S
Wabash av
Jenkins Geo. R. & Co. (Engine), Cylin-
der, Dynamo, Machine, Oils &
Cup, Auto Greases, etc), 608 S
Dearborn
Jewett & Sowers Oil Co., 20 W Jack-
son blvd
Keystone Oil & Mfg. Co., 111 N Market
Kraft A. G., 323 W Lake
McLean-Jones Oil & Supply Co.
('Swastika'), 40 Indian Wharf
Magie Bros., 110 S Clinton
Miller Wm. P. Co. ('Victory,' 'Amer-
ican,' 'Shield' & 'Universal'),
2316 S Wabash av
Penn Oil Products Co., 69 E 28th
Producers' Refining Co., 156 N La
Salle
Standard Oil Co., 72 W Adams
Star Oil Co., 440 N Halsted
Stuart D. A. & Co., 29 S La Salle
Sullivan Oil Co., 413 Wells
Superior Oil & Supply Co., 13 W Divi-
sion
Viscosity Oil Co., 1101 W 37th
Wilson & Co., 41st & Ashland av
Winne Howard B., 714 Jackson blvd
CHICAGO HEIGHTS—Traction Lubricat-
ing Co.
QUINCY—Richardson Lubricating Co.
('Supreme,' 'Keystone')
SPRINGFIELD—National Refining Co.

INDIANA.

EVANSVILLE—Evansville Oil Co.
INDIANAPOLIS—Crescent Oil Co.
General Oil Works Co.
National Refining Co.
Tiona Refining Co.

IOWA.

COUNCIL BLUFFS—Monarch Mfg. Co.
('Monamoile')
MARSHALLTOWN—Marshall Oil Co. of
Iowa ('Rex' Ice Oil for Railroad Sig-
nals, etc.)

KANSAS.

CHANUTE—Kansas Co-operative Refining
Co. (Petroleum Products)
LAWRENCE—Mutual Oil Co.

KENTUCKY.

COVINGTON—Standard Oil Co. (of Ken-
tucky)
LOUISVILLE—Standard Oil Co. (of Ken-
tucky)

MAINE.

PORTLAND—Little & Coffin Oil Co. (Oil)

MARYLAND.

BALTIMORE—American Oil Co., Ameri-
can bldg
Baltimore Oil Co. (Jobbers), 110 High
Bragonier A. C. & Son (Oils), 343 N
Calvert
Chesapeake Oil Co., Stockholm &
Peach alley
Crescent Oil Co., 602 W Pratt
Crown Oil & Wax Co., Cor. Pratt &
8th
Hook Jacob W. & C. H. & Co., 3700
Bank
Hopkins Johns Oil Co. (Cylinder &
Engine Oils, etc.), Stewart bldg
Island Petroleum Co., Keyser bldg
MacNeal Jas. B. & Co. (Engine, Ma-
chine & Cylinder Oils, etc.), War-
ner & Wooster
National Oil Co., 8th, nr Bank
Patapsco Oil & Grease Co., 109 Cheap-
side
Red 'C' Oil Mfg. Co., Keyser bldg.
Robinson Wm. C. & Son Co. ('Jour-
nal Compound,' 'Lubrautine,'
Grease, 'Autoline' Cylinder, En-
gine, Spindle & Dynamo Oils,
'Greoil'), 32 South
Sherwood Bros. Bank & 8th
Tiona Oil & Grease Co. (Cylinder
Oils, etc), 1702 N Charles

MASSACHUSETTS.

ATLANTIC—Bosson & Lane
BOSTON—Boston Oil & Gasoline Co., 24
Piedmont
Chesterton A. W. Co. ('Autoleum'
Oils & Greases), 64 India
Colonial Lubricating Oil Co., 15 Storer
Columbia Lubricants Co., 126 Massa-
chusetts av
Crane L. M. & Co., 91 Oliver
Curry Bros. Oil Co., 253 Franklin
Eagle Oil & Supply Co. ('Eagleine'),
44 India
Economy Lubricating Co., 655 Main
Hinds & Coon. 126 Pearl
Keystone Lubricating Co., 141 Milk
McLean-Jones Oil & Supply Co., 40
India Wharf
Macomber Henry S & Co., 150 Milk
Masury-Young Co. (Wool Oils, Lubri-
cating Greases, etc.), 196 Milk
Patterson Lubricating Co. (Oils), 114
Broad
Robinson Wm. C. & Sons Co., 43 Com-
mercial Wharf
Underhay Oil Co., 73 Batterymarch
Vacuum Oil Co., 49 Federal
Valvoline Oil Co., 27 State
Wood W. A. Co., 373 Atlantic av
Young Frank L. Co. (Oils), 111 Pur-
chase
CAMBRIDGE—Speare's, Alden Sons Co.
FITCHBURG—Snow Flake Axle Grease
Co. ('Snow Flake')
LYNN—Huile Co. The, 152 Pleasant
NEW BEDFORD—Nye Wm. F. (Oils
Only)
Robinson W. A. & Co.
PALMER—Buck E. A. & Co. (Oils)

WORCESTER—Buck E. A. & Co.
Continental Asbestos Corp. ('Spedo-
lene'), 7 Summer
Eastern Supply Co., 2 Canterbury
White & Bagley Co. ('Royal Wor-
cester,' 'Oilzum'), 100 Foster

MICHIGAN.

DETROIT—Detroit Refining Co., Majestic
bldg
Pattison Oil Co. (Oils), 27 Woodward
av
White Star Refining Co., Avery &
Grand Trunk Ry.
JACKSON—American Oil Co. ('Amoileo,'
'Anti-Carbon')
PORT HURON—Acheson Oildag Co.
Stock G. B. Xylite Grease & Oil Co.

MINNESOTA.

MINNEAPOLIS—Climax Western Oil Co.
('Bull Dog' Brands), 2824 10th
av, S
Durkee-Atwood Co. ('Rie Nie'), 711 N
3rd av
Kunz Oil Co., 12 Wilder
Nott W. S. Co. ('Imperial' Oils), 2d
av N & 3d
Pure Oil Co. ('Puritan' Motor &
Hard), 1st & 13th, av S.
Twin City Oil Co. (Oils & Greases),
210 N 1st
Van Tilburg Oil Co. ('Wang'), 2424
University av, S E
ST. PAUL—Cornplanter Lubricating &
Oil Co. ('Diamond' & 'Pioneer'),
ft. Drake

MISSOURI.

KANSAS CITY—Mutual Oil Co.
ST. LOUIS—Bell Oil Co. ('Liberty Bell' &
'North Pole'), 115 Ferry
Crescent Oil & Supply Co. (Oils), 303
Main
DIXON JOSEPH CRUCIBLE CO. (of
Jersey City, N. J.), Victoria bldg
See adv index at end of book
Fraser Lubricator Co., 2412 S 7th
Great Western Oil Co., 803 N Levee
Jones Geo. P. & Co. (Oils), 218 N Com-
mercial
McGuire Nat. L. Oil & Supply Co.,
2924 Locust
Matthews Geo. T. & Co. (Oils), 20 S
Main
Mound City Oil & Supply Co. ('M-
C'), 204 N Commercial
Northrop Lubricating Oil Co., 308 N
Commercial av
Pierce Oil Corp, Bank of Com. bldg
St. Louis Oil Co., 3000 N 2nd
Street J. D. & Co. ('Ruby'), 809 N 2d

NEBRASKA.

OMAHA—Nicholas L. V. Oil Co.

NEW JERSEY.

BAYONNE—Melville Frank L.
CAMDEN—Hollingshead R. M. Co.
('Whiz,' 'Hollingshead' Ma-
chine, Harvester, Engine, etc.)
Pittsburgh & Philadelphia Oil & Re-
fining Co.
JERSEY CITY—Anchor Refining Co., 82
Woodroad
DIXON JOSEPH CRUCIBLE CO.
See adv index at end of book
Fraser Lubricator Co., 179 15th
Hudson Oil & Supply Co., 49 Hudson
NEWARK—American Oil & Supply Co.,
52 Lafayette
Fiske Bros. Refining Co. ('Lubro-
leine'), 76 Esther
Graphite Non-Friction Lubricants Co.
('Graphio')
National Oil & Sup. Co. ('Viscos'),
180 Frelgysen av
Pure Oil Co., 423 Passaic av
Sheppard W. S. ('Ideal'), 21 Law-
rence
Wire Rope Lubricating Co., 40 Clin-
ton
Young Orlando W. (Young's), 277
Halsey
RAHWAY—Three-In-One Oil Co. (See
New York)

NEW YORK.

ALBANY—Bleecker Wm. R. Oil Co.
Higgins Robert J.
Hisgen Bros. ("Four Bros.")
Wing Robert B & Son, 385 B'way
BINGHAMTON—Binghamton Oil Refining Co.
Tiona Oil Co.
BUFFALO—Buffalo Refining Co. (Cylinder & Engine Oils, Filtered Stocks & "Niagara" Grease), 77 Main
Buffalo Specialty Co. ("Home" Oil), 375 Ellicott
Cataract Refining & Mfg. Co. ("Cascade")
Commercial Oil Co., 17 Main
Enterprise Oil Co., 164 Chandler
Fails N. B. Lubricating Co., Prudential bldg
Hosmer G. A. Co., 375 Ellicott
Ideal Oil Co., 931 Clinton
Lumen Bearing Co. ("Lesoyl")
See adv index at end of book
Shining Light Mfg. Co. (Oils & Greases)
Warren Lubricant Co. ("Spermo," "Consistency," "Perfecto," "Sander-son")
Winslow Lubricating Co. ("Grapi-nhoil"), 608 Swan
CORTLAND—Cortland Specialty Co. (Oils & "Hout's" Cup Grease), 174 Railroad

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Diana Oil & Grease Co. ("Marathon"), 544 Hamilton av
Miller Wm. P. Co. ("Victory," "American," "Miller's Commodore," "Shields" & "Universal"), 250 Greene
Newton A. E. & Co., 164 Prospect av

Boroughs of Manhattan and Bronx.

NEW YORK—A. L. A. Mfg. & Supply Co. ("A. L. A."), 136 Liberty
Albany Lubricating Co., 708 Wash-ington
Alexander H. T. & Co. ("Grand Prix" Motor), 17 Battery pl
Belden A. G. & Co. (Importers & Ex-porters), 145 Maiden lane
Benness E. H. Co., 32 Front
Binghamton Oil Co., 135 William
Bliven & Carrington, 29 Moore
Borne-Scrymser Co. ("Silex" & "Colonial" Greases, "Turboil" for Turbines; also Engine, Cylinder & Car Oils, "Diamond W." etc.), 80 South
Burgmann Foeder, 26 Cortland
Chard & Howe, 250 Front
Clarkson & Ford Co. ("Banner"), 55 Water
Colgan Mfg. & Supply Co. ("Colgan," "Ball"), 118 Maiden la
Columbia Lubricants Co. of N. Y. ("Monogram"), 116 Broad
Columbia Refining Co. ("Royal" Cup Grease, "K. A. C." Auto), 90 West
Cook N. B. Oil Co., 148 Front
Cook & Cokefair ("Vulcan"), 306 Pearl
Cook's Adam Sons ("Albany Grease" & Albany Cylinder Oil), 708 Wash-ington
Corning Arthur W., 251 Front
Cosmo Lubricating Co., 52 B'way
Craycroft Oil Co., 42 B'way
Dingee M. H. & Co., 254 Water
Duryea Mfg. Co., 309 B'way
Eagle Lubricating Oil Co., 24 State
Efficiency Oil Corp. (Gas-Oil for Com-bustion Chambers), 1716 B'way
Faul Wm. J. Co. (Dealer), 133 Front
Fiske Bros. Refining Co. ("Lubro-leine"), 24 State
Frazer Lubricator Co. (Grease), 83 Murray
French Lubricating Oil Co., 226½ Bow-ery
Galloway G. W. ("Velocity"), 322 Pearl
Graphoil Lubricating Co. ("Graphoil"), 1777 B'way
Haggerty Refining Co., 50 South
Harris A. W. & Co., 100 Maiden la
Havoline Oil Co. ("Havoline"), 44 Whitehall
Haws Geo. A. ("Marnile," "Peerless," "Panhard"), 142 Front
Hewlett Bros., 32 Front

Hudson Oil Co., 109 Broad
Hsley, Doubleday & Co., 229 Front
Indian Refining Co. ("Sunset," "Cham-pion," "Havoline"), 44 Whitehall
Invader Oil Co. ("Invader," "I. O. C."), 80 Broad
Kanter R. J. Co. ("Horseline" & "E & K"), 647 Water
Kellogg E. H. & Co. ("Anti-Corrosive," Cylinder, Dynamo & Spindle, Oils, etc.), 243 South
Kuhne-Libby Co., 51 Front
Marden, Orth & Hastings Co., 61 Broadway
Miller Frank Co., 349 W 26th
New York Lubricating Oil Co., 116 Broad
National Oil Co. ("Royal"), 23 W 31st
N. Y. & N. J. Lubricant Co. ("Non-Fluid"), 165 B'way
Oil Products Co. ("Speedway" Motor), 17 Battery pl
Oil & Grease Co. of America ("O. & G."), 261 B'way
Pennsylvania & Delaware Oil Co. (Cylinder & Engine Oils, etc.), 90 West
Petroleum Products Co., 51 Front
Pigot, Sayre Co. ("Aurora"), 71 Front
Platt & Washburn Refining Co., 11 B'way
Producers Oil Co., 17 Battery pl
Prudential Oil Corp., 17 Battery pl
Pulver Peter & Sons Chemical Co. ("Diamond P"), 214 Franklin
Pure Oil Co., 17 Battery pl
Quimby J. L. & Co., 278 Water
Reliance Oil & Grease Co., 50 South
Rock Products Equipment Corp., 42 Church. *See adv index at end of book*
Sharpe & Co. (Dealer), 97 Water
Smith Thomas, Jr., 233 Water
Sonneborn's L. Sons ("Amalie," All kinds of Oils & Greases), 262 Pearl
Speares Alden Sons Co., 149 B'way
Standard Oil Co. of N. J. ("Polarine"), 26 B'way, New York
Standard Oil Co. of N. Y. ("Capitol," Cylinder & "Renown," Engine Oils, Petroleum Lubricants & "Arctic" Grease, "Polarine," Oils & Greases), 555 W 25th

STRONG MACHINERY & SUPPLY CO.

"Strong's E-Z-EE" Slip, "Strong's" Graphite Grease), 21 Walker
See adv index at end of book
Swan Alden S. & Co., 135 Front
Swan & Finch Co. ("Atlas"), 165 B'way
Texas Co. ("Texaco"), 17 Battery pl
Three-In-One Oil Co. ("Three-in-One"), 165 B'way
Tidewater Oil Co., 11 B'way
Union Excelsior Lubricating Co., 229 Front
Union Oil Co., 17 Battery pl
Vacuum Oil Co. ("Mobiloil"), 61 B'way
Valvoline Oil Co. ("Valvoline," "Mag-net"), 11 B'way
Van Nostrand Mfg. Co. ("White Circle" Grease), 91 Park pl
Warren Lubricant Co., 27 Coenties Slip
Wainberg J. H. & Co. ("Marathon," Jobbers), 128 Maiden la
Wilburine Oil Works, 11 B'way
Winn Wm. R., 143 Maiden la
Wolverine Lubricants Co. ("Wolf's Head"), 78 Broad
Woolley G. C. Co. ("Runwell" Oils), 502 E 20th
Zibell J. A. Co., 273 Water

Borough of Queens.

LONG ISLAND CITY—Pan-O-Lite Grease & Oil Co. ("Excelsior"), 298 Hancock
(End of New York City)
NIAGARA FALLS—Acheson Graphite Co. ("Acheson," Graphite & Graphite Grease)
OLEAN—Perfection Oil Co.
ROCHESTER—Hayner Norman C. Co. ("No-Set-O" Cylinder, Engine & Dynamo Oils, etc.)
Southwick Theron T. ("Graphite Per-fecto")
Sterling Oil Co.
Union Oil Works
Vacuum Oil Co. ("Mobiloil" "Gargoyle" "Mobilubricants")
ROME—Baum's Castorine Co.
SYRACUSE—Mills C. E. Oil Co.
Syracuse Reduction & Mfg. Co. (Grease)
WATERFORD—Petroleo Co.

OHIO.

BEDFORD—Franklin Oil & Gas Co. ("Cy-linder & Engine Oils")
CINCINNATI—American Oil Treating & Hardening Co., Ivorydale
Cincinnati Oil Works Co., 525 Eg-gleston av
Evans Oil Works, 637 Elsinore
Moore Oil Co. (Solid Lubricants & Special Greases, for Jobbing Trade Only), York & McLean av
Paragon Refining Co., 3222 Beekman
Valvoline Oil Co. ("Valvoline," "Mo-biloil"), 1761 Elmore Cumville
Wagner C. P. & Co. (Cylinder, Engine, Dynamo, etc), 303 Sycamore
CLEVELAND—Anchor Oil & Chemical Co. ("Anchor")
Arco Co. ("Arco"), Euclid av & E 65th
Atlantic Refining Co.
Atlas Oil Co., Rose bldg
Brooks Oil Co., C. & P. & Erie R. R.
Canfield Oil Co. (Petroleum Products)
Carran Lewis C. Co., Rockefeller bldg
Clark Fred. G. Co. (Wholesale Trade Only), 1081 W 11th
Climax Refining Co. ("Velvetine," "Giant")
Crown Oil Co., 804 Lakeside av, N W
Cummer Products Co., 2150 W 15th
Damascus Mfg. Co., Cassins av
Dietrichs Valve-Oleum Oil Co., 1252 W 70th
Fairfax Refining Co.
Globe Refining Co. ("Globe," Solid Oil), Rose bldg
Great Western Oil Co. (Auto & En-gine Oils, etc)
Kingsley H. B. ("Sealine" Oils & Cup Greases), 325 St. Clair av, N W
Manufacturers' Oil & Grease Co., Cen-tury bldg
Mohawk Refining Co., 1187 W 11th
Monitor Oil Co. (Oils & Greases)
National Refining Co. (Petroleum Products)
Northern Chemical Co. ("Lubricene")
Phoenix Oil Co. ("R. M. C. C."), 2554 W 5th
Pioneer Mfg. Co. ("Ottomo"), Har-vard av & E 103d
Plomo Specialty Mfg. Co.
Puritan Oil Co. ("Puritan," "Aero" & "Packard"), 1244 W 70th
Standard Oil Co. of Ohio ("Capitol" Cylinder, "Renown" Engine, "El-dorado" Engine, "Standard" Gas Engine, "Mobilubricant," etc)
Star Lubricating Oil Co. ("Kinsman"), 8741 B'way S E
Sterling Refining Co., Euclid & 65th
Stevens Grease & Oil Co., E 79th & Avrina av
Tropical Paint & Oil Co. ("Trojan," "Ozark," "Cyclone" Steam), W 70th
Universal Lubricating Co. ("Tulle" Lubricants for Elevator Slides, Sheaves, Engine Room, etc), Scho-field bldg
Visco Motor Oil Co., 2104 Superior av N W
Whitmore Mfg. Co. ("Whitmore's" Gear Protective Composition, "Whitmore's" Journal Oil), Iron & Erie Ry.)
COLUMBUS—Keystone Paint & Oil Co. (Oils)
Ohio Filler & Shield Co., 522 City av
EAST LIVERPOOL—Williams S. C. & Co. (Oils)
HAMILTON—Smith E. A.
LOUDONVILLE—Ohio Grease Co. ("Ohio," Cylinder Cup, Bearing & Journal Grease)
MANSFIELD—Independent Oil Co.
SIDNEY—Anderson James & Sons ("Con-us" Oil Cup)
TOLEDO—Craig Oil Co.
Electric Refining Co.
Hardy & Dischinger Co.
Monarch Mfg. Co. ("Channelene" Grease), Ironville
Paragon Refining Co. (Cylinder Valve & Engine Oils & Grease & Lubri-cating Compounds)
Sun Co. (Engine & Cylinder Oils & Greases)
PENNSYLVANIA.
ALLENTOWN—Garnet The Co.
Gossler Oil Co. (Oils & Greases)
BRADFORD—Emery Mfg. Co. (Steam Refined Cylinder Stock)
Journal Oil Co.
Kendall Refining Co. (Steam Refined Cylinder Stocks, etc.)

CHESTER—Manufacturers' Paraffine Co.
EMLENTON—Emlement Refining Co.
 (Cylinder Engine, Spindle, Dynamo, etc.)
 Sterling Oil Co.
ERIE—Bayerson Oil Works ("Autocrat"
 "Paroline," Motor Oil & Greases)
 Erie Oil Co.
 Penn. Oil Co.
 Union Oil Works
 United Oil Mfg. Co.
FERNWOOD—Modoc Company ("Modoc"
 Journal Lubricant & Gear Grease)
FRANKLIN—Galena Signal Oil Co.
 (Coach, Engine & Car Oils, "Perfection" Valve & Signal Oils)
 Foco Oil Co. (Jobbers)
 Marwin Mfg. Co. (Ltd.). (Autolene)
FREEDOM—Freedom Oil Works Co. (Refiners of Machinery Oils, etc.)
NORTH CLARENDON—Smith Levi
OIL CITY—Continental Refining Co.
 Crystal Oil Works (Railroad Oils a Specialty)
EMPIRE OIL WORKS (Cylinder & Machy. Oils)
 Germania Refining Co. (Cylinder, Spindle, Engine, Valve Oils Only, etc.)
 Independent Refining Co. (Engine Dynamo Oils, etc.)
 Penn. Oil & Supply Co. Ltd. (Petroleum Lubricants)
PHILADELPHIA—Atlantic Refining Co.
 (Engine, Cylinder, etc.), 3144 Passyunk av
 Benson W. T. & Co., 232 W. Front
 Borne, Scrymser Co., Lafayette bldg
 Brown D. P. & Co. (Oils & Greases, Jobbers), 264 N 4th
 Commercial Lubricating Co. ("Lubriko"), cor Meadow & Jackson
 Crew, Levick Co. ("Crew, Levick" Automobile Oils), Land Title bldg
 Houghton E. F. & Co. ("Cosmolubric" Oil, "Vim" Cylinder Oils, Lubricating Greases, etc.), 240 W Somerset
 Hulburt C. & Co., 240 Arch
 Keystone Lubricating Co. ("Keystone" Greases & Compounds & Belt Greases), 21st & Lippincott
 Loos & Dilworth, 134 S Front
 Murray & Murray, 219 Quarry
 Penn. Petroleum & Supply Co. ("Primus"), 115 N 2d
 Philadelphia Grease Mfg. Co., 848 S Swanson
 Pure Oil Co. ("Puro" Oils), Lafayette bldg
 Richards G. Whitfield, 1732 Carlton
 Skipton Valentine Co., 221 Arch
 Smith Chas. K. & Co., 123 Arch
 Stevenson Bro. & Co., 110 Race
 Sun Co. (Petroleum Lubricants), Finance bldg
 Sunlight Oil & Gasoline Co. (Cylinder & Lubricating Oils), 49th & Gray's av
 Union Petroleum Co. (Cylinder, Engine, Dynamo, Wool & Cordage Oils, Automobile, Motor Boat & Gasoline Engine Lubricants, etc.), Widener bldg
 Walton F. S. Co. ("Zoroza," Grease, etc), Orthodox & Dela
 Zurn O. F. Co. ("Peerless," "American," "Detroit" Grease, etc), Broad & Lehigh av
PITTSBURGH—Duquense Oil & Supply Co., 3300 Smallman
 Eagle Lubricating Oil Co., 226 1st av
 Guffey J. M. Petroleum Co., Frick Annex
 Gulf Refining Co. (Petroleum Products), Frick bldg, Annex
 Hamel J. J. & Co., Union Bank bldg
 Miller's A. D. Sons Co. (Cylinder, Engine & Dynamo Oils & Cup, Journal, Belt & Sponge Greases), Columbus & Preble
 Penna Lubricating Co., 34th & A. V. Ry.
 Pittsburgh Oil Refining Co. (Cylinder, Spindle, etc)
 Sun Co., 27th & Smallman
WAVERLY OIL WORKS CO. (Engine & Cylinder Oils)
READING—Ellis & Cummings Oil Works
SCRANTON—Maloney Oil & Mfg. Co.
TITUSVILLE—American Oil Works (Ltd.)
 Frank Oil Co. (Oils)
 Harris Oil & Grease Works (Gas Engine Cylinder Oils, etc)
 Pennsylvania Paraffine Works

WARREN—Clarendon Refining Co.
 Conewango Refining Co.
 Cornplanter Refining Co. (Wholesale Oils)
 Seneca Oil Works (Cylinder & Machinery Oils)
 United Refining Co.
 Warren Refining Co. (Cylinder, Engine, etc)
 Warren Oil Co.
 Wilburine Oil Works (Ltd.), (Petroleum Lubricants)

RHODE ISLAND.

PAWTUCKET—Edmands Arthur B. Co.
 ("Crystalized Oil"), 180 Main
PROVIDENCE—American Oil Co., 180 S Water
 American Supply Co., 135 Washington
 Bush Chas. S. Co. (Oils & Greases), 260 Weybosset
 Harris A. W. Oil Co. ("Harris"), 326 S Water
 Miller Mfg. Co. (Oils), 668 Eddy
 Phetteplace Oil Co., 334 S Water

TEXAS.

DALLAS—Armstrong Packing Co.
 Dallas Oil & Refining Co.
HOUSTON—Bonner Oil Co.
 Gulf Refining Co.
 Lone Star Oil Co.
 Texas Co.
TEXAS CITY—Pierce-Fordyce Oil Ass'n
 (Petroleum Products)

WASHINGTON.

SEATTLE—Pacific Lubricating Co.
 Sea Board Oil Co

WISCONSIN.

BELOIT—Besly Chas. H. & Co. (See Chicago, Ill.)
MILWAUKEE—Campbell J. M., 54 2nd
 Delaney Oil Co., 47 3rd
 Halsted W. D. Oil Co., 320 E Water
 Hormeister Leo Co., Forest Hill & Hofmeister av
 Independent Oil & Grease Co., 291 S Water
 Kramer W. J. Oil Co., 214 Reed
 Layton Park Oil & Soap Co., 29th & Forest Home avs
 Magie E. E. Specialty Mfg. Co., 268 S Water
 Peters Oil & Compound Co. (Oils & Greases), 356 Clinton
 Wadham's Oil Co. ("Badger" & "600 K" Cylinder), 215 National av
OSHKOSH—Stroud-Doyle Co.
RACINE—Johns S C & Son (Automobile)
WAUKESHA—Kent Lubricating Co.

7622—Lubricators (Air Brake)

Emery Pneumatic Lubricator Co., 1932 N B'way, St. Louis, Mo.
 Michigan Lubricator Co., Detroit, Mich.
 Nathan Mfg. Co., 416 E 106th, New York
 Powell Wm. Co., Cincinnati, O.

7623—*Lubricators (Air Compressor)

See also Lubricators, Oil & Grease Cup; also Lubricators, Gas Engine

LUNKENHEIMER CO., ("Vulcan," "Banner," "Emblem," "Hercules" & "Premier"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, Ohio See adv index at end of book



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
 See adv index at end of book

7624—*Lubricators (Automobile)

See also Lubricators, Oil & Grease Cup; also Lubricators Force Feed

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. See adv index at end of book

7625—Lubricators (Candle)

For Shafting & Loose Pulleys, etc)
 Detroit Lubricator Co., Detroit, Mich.
 Faul Wm. J. Co. ("Positive"), 133 Front, New York
 Swain Lubricator Mfg. Co., 443 W 37th, Chicago, Ill.

7626—Lubricators (Car Journal)

Armstrong Oiler Co., Commonwealth Trust bldg, Phila., Pa.
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
 Swain Lubricator Mfg. Co., 443 W 37th, Chicago, Ill.

7627—*Lubricators (Electric Motor)

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. See adv index at end of book

7628—Lubricators (Elevator Guide)

Elevator Supplies Co. ("E. S."), Hoboken, N. J.
 Swain Lubricator Mfg. Co., 443 W 37th, Chicago, Ill.

7629—Lubricators (Engine, Brass, Etc.)

See also Lubricators, Various Kinds
 American Injector Co., Detroit, Mich.
 American Lubricator Co. ("Improved," "Perfection," "Reliable," "Crescent," "Keystone"), Summit & Wabash Ry., Detroit, Mich.

Detroit Lubricator Co. ("Detroit"), Detroit, Mich.

LUNKENHEIMER CO. ("Senior," "Junior," "Major," "Colonel," "Graphite," & "Premier"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
 See adv index at end of book

Manzel Bros Co., 315 Babcock, Buffalo, N. Y.

Michigan Lubricator Co. ("Michigan," Sight Feed, Gas, Gasoline & Steam-Engine, Air Compressor, Steam Pump), Detroit, Mich.

Nathan Mfg. Co. ("Max," "Le Laval," Sight-Feed), 416 E 106th, New York



NUGENT, WM. W. & CO., 146 W. Superior, Chicago, Ill.
 See adv index at end of book

Ohio Injector Co. ("Chicago"), Wadsworth, O.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Penberthy Injector Co. ("Penberthy"), 346 Holden av, Detroit, Mich.

Powell Wm. Co. ("Boson," "Middy," "Viking," "Vakum," "Trident," "Corsair," "Neptune," "Nestor," "Nymph," "Viduet," "Vitray"), Cincinnati, O.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

Williams D. T. Valve Co. ("Worthy," "Wonder"), Cincinnati, O.

7630—Lubricators (Flange)

Q. & C. Co., 90 West, New York

7631—Lubricators (Force Feed)

Biddison Mfg. Co., Madison, Wis.
 Detroit Lubricator Co. ("Detroit"), Detroit, Mich.

Greene, Tweed & Co. ("Multiplus" & "Rochester" Automatic), 109 Duane, New York

Hills-McCanna Co., 153 W Kinzie, Chicago, Ill.

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.

See adv index at end of book
 Interstate Machine Co., Rochester, N. Y.

Lavigne J. Co., Detroit, Mich.

Loneragan J. E. Co. ("Keystone," Hand), 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Marvel," "Imperial," "Invincible," "Alpha," "Universal"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCord Mfg. Co. ("McCord" Motors, Engines, Pumps, etc.), Detroit, Mich.
Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.
Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.



NUGENT, WM. W. & CO.,
 146 W. Superior, Chicago, Ill.
See adv index at end of book

Powell Wm. Co., Cincinnati, O.
Richardson-Phenix Co. ("Richardson," "Phenix"), 122 Reservoir av, Milwaukee, Wis.
Richmond Pressed Metal Works, Inc. ("Dake"), Stockton & 6th, Richmond, Va.
Sherwood Mfg. Co. ("Hart" Mechanical Oil Pumps for Traction Engines, Road Rollers, Drop Hammers, etc.), 1709 Elmwood, Buffalo, N. Y.
Swain Lubricator Mfg. Co., 443 W. 37th, Chicago, Ill.

7632—Lubricators (Graphite)

American Safety Lamp & Mine Supply Co. ("Watres"), Scranton, Pa.
LUNKENHEIMER CO. ("Graphite"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
National Graphite Lubricator Co., Scranton, Pa.
Randall Graphite Sheet Lubricator Co. ("Randall" Graphite Sheet), 816 W Lake, Chicago, Ill.
Strong, Carlisle & Hammond Co. ("Randall" Sheet), 336-344 Frankfort av, N. W. Cleveland, O.
Swain Lubricator Mfg. Co., 443 W 37th, Chicago, Ill.

Lubricators (Grease & Oil Cup)

See Lubricators, Oil & Grease Cup

7633—Lubricators (Locomotive)

Crescent Mfg. Co. ("Lackawanna"), Scottdale, Pa.
Detroit Lubricator Co. ("Detroit" Bullseye Pattern), Detroit, Mich.
Franklin Railway Supply Co. ("Franklin" Automatic & Grease, for Driving Box, etc.), Franklin, Pa.
McCord & Co. ("McCord," Force Feed), 122 S Michigan av, Chicago, Ill.
McNab & Harlin Mfg. Co., 55 John, New York
Michigan Lubricator Co. ("Stationary"), Detroit, Mich.
Nathan Mfg. Co. ("Nathan," Double & Triple Sight-Feed & "Bull's Eye"), 416 E 106th, New York
Ohio Injector Co. ("Chicago"), Wadsworth, O.
Powell Wm. Co. ("Star Duplex"), Cincinnati, O.
Richardson-Phenix Co. ("Richardson" Force Feed), 122 Reservoir av, Milwaukee, Wis.
Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.
Williams D. T. Valve Co., Cincinnati, O.

7634—Lubricators (Locomotive Box)

Vanango Mfg. Co., Franklin, Pa.

Lubricators (Loose Pulley)

See Oilers, Loose Pulley

7635—Lubricators (Multiple Oiling)

Detroit Lubricator Co., Detroit, Mich.
Essex G. B. Brass Co. ("Standard"), Detroit, Mich.
Hall Mfg. Co. ("Bartow"), Harrison, N. J.
Hussey Drop Forge & Mfg. Co., Cleveland, O.
Lavigne Mfg. Co., Detroit, Mich.
Lonergan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Paragon Duplex," "Paragon Triplex," "Marvel" & "Invincible"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
Michigan Lubricator Co., Detroit, Mich.
Nathan Mfg. Co., 416 E 106th, New York



NUGENT, WM. W. & CO.,
 146 W. Superior, Chicago, Ill.
See adv index at end of book

Powell Wm. Co., Cincinnati, O.
Richardson-Phenix Co. ("Richardson"), 122 Reservoir av, Milwaukee, Wis.
Sherwood Manufacturing Co., 1709 Elmwood, Buffalo, N. Y.
Star Brass Mfg. Co. ("Star"), 108 E. Dedham, Boston, Mass.

7636—Lubricators (Oil Pump)

American Injector Co., Detroit, Mich.
American Lubricator Co. ("Ideal" Glass Body & "Superior," all Brass), Summit & Wabash Ry, Detroit, Mich.
Burt Mfg. Co., 40 Main, Akron, O.
Cincinnati Lubricant Pump Co. ("Fulflo"), 126 Opera pl, Cincinnati, O.
Detroit Shipbuilding Co., Detroit, Mich.
Essex G. B. Brass Co., Detroit, Mich.
Greene, Tweed & Co., 109 Duane, New York
Hills, McCanna Co., 103 W Kinzie, Chicago, Ill.
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*
Jarecki Mfg. Co., Erie, Pa., & Pittsburgh, Pa.
Lonergan J. E. Co. ("Calumet & Hecla" Pattern, etc.), 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Alpha," "Universal," "Marvel," "Imperial" & "Invincible"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*
McCullough Mfg. Co., 2632 Central av, N E Minneapolis, Minn.
Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.
Manzel Bros. Co. ("Manzel" Sight Feed Automatic), 315 Babcock, Buffalo, N. Y.
Michigan Lubricator Co. ("Michigan"), Detroit, Mich.
Nathan Mfg. Co. (Hand Cylinder, etc.), 416 E 10th, New York



NUGENT, WM. W. & CO.,
 146 W. Superior, Chicago, Ill.
See adv index at end of book

Pedersen Lubricator Co., 636 First av, New York
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Powell Wm. Co. ("Cadet," "Pennant," "Beacon"), Cincinnati, O.
Richardson-Phenix Co. ("Richardson" & "Phenix"), 122 Reservoir av, Milwaukee, Wis.
Sherwood Mfg. Co. ("Buffalo," "Felt-housen" Cylinder, "Mechanical" & "Hart" Mechanical Sight Feed), 1709 Elmwood, Buffalo, N. Y.
Stahl Mfg. Co. ("Stahl's" Conical Base Grease Cups), 983 17th av, S E Minneapolis, Minn.
Star Brass Mfg. Co. ("Thompson"), 108 E. Dedham, Boston, Mass.
Tokheim Mfg. Co., Cedar Rapids, Ia.
Williams D. T. Valve Co. ("Walrus"), Cincinnati, O.

7637—Lubricators (Oil & Grease Cup)

Albany Lubricating Co. (Grease Cups Only), 708 Washington, New York
Allen W. D. Mfg. Co., 520 W Lake, Chicago, Ill.
American Injector Co. (Glass Oil Cups, Brass Grease Cups; also Compression Grease Cups, Moon Automatic), Detroit, Mich.
American Lubricator Co. ("Pearl," "Banner," "Bessemer," "Admiral," "Acme," "Navy," "Model," Glass Body for Oil, "Lion," "Challenge," "Art," all Brass for Grease), Summit & Wabash Ry., Detroit, Mich.
American Pin Co. ("Ampinco"), Waterbury, Conn.

Anderson James & Sons ("Conus" Oil Cups), Sidney, O.
Bay State Stamping Co. ("Bennett Handy") 380 Chandler, Worcester, Mass.
Besly Chas. H. & Co. (Bonanza Badger" & "Helmet"), 120 N Clinton, Chicago, Ill.
Bowen Mfg. Co. ("Empress" Line of Brass & Steel Grease Cups; Plain Compression, Plain Leather Packed, Ratchet Compression, Marine Compression, Spring Compression, Crank Pin & Funnel Shafting Cups), 357 Canal, Auburn, N. Y.
Buckeye Churn Co. ("Conus" Oil Cup), Sidney, O.
Buckeye Iron & Brass Works (Oil Cups Only), Dayton, O.
Buffalo Metal Goods Co. ("Emerson" Automatic), 186 Winchester av, Buffalo, N. Y.
Bushnell John S. & Co. ("McKenzie"), 146 Liberty, New York
Byrne, Kingston Co. ("Kingston"), Kokomo, Ind.
City Iron Works & Machine Co. (Grease), 522 S Delaware av, Phila., Pa.
Crane Co., Est. 1855 (Brass & Copper), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book
Crane Co., Bridgeport, Conn.
Crescent Mfg. Co. ("Lackawanna" Automatic Grease Cups Only), Scottdale, Pa.
Crescent Oil & Supply Co. ("Babcock & Kelley"), 303 Main, St. Louis, Mo.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Detroit Shipbuilding Co. (Brass "McCoy," "Erie," "Huron," "Majestic," "Quaker," "Kirby," "Perfection," "Superior," "Eagle" & "Mutual"), Detroit, Mich.
Edelmann E. & Co., 341 E Ohio, Chicago, Ill.
Edna Brass Mfg. Co. (Oil Cups Only), Cincinnati, O.
Essex G. B. Brass Co., Detroit, Mich.
Fanner Mfg. Co. (Grease Cups), Cleveland, Ohio
GITS BROS. MFG. & SPECIALTY CO. ("Gits" Spring Hinge Oil Cups), 555 W. Monroe, Chicago, Ill.
GODFREY-KEELER CO., 70 Warren, New York *See adv index at end of book*
Hall Mfg. Co. ("Hall's"), Harrison, N. J.
Hamilton & De Loss (Inc.), Bridgeport, Conn.
Hancock Mfg. Co., Charlotte, Mich.
Harvard Electric Co., 525 W Van Buren, Chicago, Ill.
Haydenville Co., Haydenville, Mass.
Henry Mfg. & Grease Cup Co. ("Henry" Grease Cups), Terre Haute, Ind.
Hunter Pressed Steel Co. (Compressed Air Grease Cups, cor Orthodex & Horrocks, Philadelphia, Pa.
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Lindholm Metal Stamping Co. ("McKee," "Lindholm," "Jacobs," "Vale," "Camden," "Madera," "Joseph" Drawn Metal Grease Cups), Camden, N. J.
Lonergan Jas. E. Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. ("Cardinal," "Pioneer," "Victor," "Sentinel," "Crown," "Reserve," "Royal," "Miami," "Champion" Oil Cups; "Ideal," "Lion," "Jewell," "Marine," "Tiger," "Gem," "Surety," "Positive," "Rex," "Apollo," "Lock," "Mite," "Owl," "Guard," "Grip," "Reliance," "Atlas," "Majestic," "Checklock," "Primo," "Ferro," "Wingo," "Securo," Grease Cups), Executive Offices & Factories: Waverly & Beekman, Cincinnati, O. *See adv index at end of book*
McNab & Harlin Mfg. Co. ("Stauffer," Grease Cups, etc.), 55 John, New York
McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich. *See adv index at end of book*
MERCHANT & EVANS CO. (Automobile Grease Cups), 2035 Washington av, Phila., Pa. *See adv index at end of book*
Michigan Lubricator Co. ("Michigan," "Common Sense," "Improved Common Sense," Spring Compression, Improved Spring Compression, Loose Wire Crank Pin, "Reliable Plain"), Detroit, Mich.
Milwaukee Valve Co. (Plain Brass Grease Cups), 139 Burrell, Milwaukee, Wis.

NASON MFG. CO. (Jobbers), 71 Fulton, New York. *See adv index at end of book*

Nathan Mfg. Co. ("Dreyfus"), 416 E 106th, New York

National Brass Mfg. Co., Rochester, N. Y.

Nolte Brass Co. (Plain Brass Oil Cups Only), Springfield, O.

Nunn Brass Works (Inc.), Rochester, N. Y.

Ohio Injector Co. ("Chicago"), Wadsworth, Ohio

Pedersen Lubricator Co., 636 First av, New York

Penberthy Injector Co. ("Penberthy," "Samson," "Saturn," "Sillex," "Spring Lock"), 346 Holden av, Detroit, Mich.

Perkes Charles (Est of), 627 Arch, Phila., Pa.

Pioneer Brass Works, Indianapolis, Ind.

Powell Wm. Co. ("Parole," "Petrel," "Pillgrim," "Phoenix," "Planet," "Pinnacle," "Pointer," "Pluto," "Picket," "Puritan," "Polaris," "Penguin," "Signal" Oil Cups & "Coin," "Renown," "Bruno," "Bear," "Colonial," "Progress," "Popular," "Tiny," "Heather," "Thistle," "Sterling" Compression Grease Cups, "Mecca," "Mascot," "Mogul," "Mikado," Grease Cups, "Powell" Brass Oil Cups, "Mac," "Consort," "Vanguard"), Cincinnati, O.

Queen City Brass & Iron Works (Brass), Cincinnati, O.

Rich Mfg. Co., 370 Atlantic av, Boston, Mass.

Sherman H. B. Mfg. Co. ("Premium," "Active" Brass), Battle Creek, Mich.

Sherwood Mfg. Co. ("Buffalo," "Niagara" & "Sherwood"), 1709 Elmwood, Buffalo, N. Y.

Springfield Brass Co. (Brass), Springfield, Ohio

Stahl Mfg. Co. ("Stahl's" Conical Base Iron Brass & Steel Grease Cups), 983 17th av, S E Minneapolis, Minn.

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Sterling Machine & Stamping Co. ("Sterling"), Wellington, O.

Swain Lubricator Mfg. Co. ("Swain"), 443 W 37th, Chicago, Ill.

Swift Lubricator Co. ("IXL," "Sachem," "Star" & "Sancho," Glass & Brass Oil Cups & Compression Grease Cups), Elmira, N. Y.

Universal Lubricator Co. ("Philadelphia" Grease Cups), 136 Chestnut, Phila., Pa.

U. S. Metallic Packing Co., 427 N 13th, Phila., Pa.

Wadhams Oil Co. (Wadhams Grease Cups), 215 National av, Milwaukee, Wis.

Wahlstrom Tool Co. (Oil Cups), 5520 2d av, Brooklyn, N. Y.

Wilkinson W. H. Co., West Medway, Mass.

Williams D. T., Valve Co. ("Tacoma," "Tremont," "Tarrant," "Temple," "Topaz," "Tandem," "Automatic Needle Valve," "Dandy," "Duke," "Duchess," "Dragon," "Diamond," "Dakota," "Terrier," "Trophy," "Derby," "Diana," "Dwarf" & "Dixie"), Cincinnati, O.

Winkley Co. ("Winkley" Brass, Steel & Combination), Detroit, Mich.

Zerk Mfg. Co. ("Zerk"), Cleveland, O.

7638—Lubricators (Pneumatic)

Emery Pneumatic Lubricator Co. ("Emery"), 1932 N B'way, St. Louis, Mo.

7639—Lubricators (Rock Drill)

Ingersoll-Rand Co. ("Heart Beat"), 11 B'way, New York
See adv index at end of book

LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7640—Lubricators (Sight Feed)

American Lubricator Co. ("Perfection," "Reliable" & "Crescent," Glass Body), Summit & Wabash Ry., Detroit, Mich.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.
For branch offices see adv index at end of book

Crescent Mfg. Co. ("Lackawanna," for Stationary Locomotive & Marine Engines), Scottdale, Pa.

Crescent Oil & Supply Co. ("Babcock" & "Kelly"), 303 Main, St. Louis, Mo.

Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

Detroit Lubricator Co. ("Detroit," "Zero," "Kid"), Detroit, Mich.

Eastwood Wire Mfg. Co. ("Couse"), Belleville, N. J.

Essex G. B. Brass Co., Detroit, Mich.

Flower Walter L. Co. ("Ashton"), St. Louis, Mo.

Hall Mfg. Co. ("Hall's," "Bartow's"), Harrison, N. J.

Handlan-Buck Mfg. Co. ("Dibble"), 210-14 N 3rd, St. Louis, Mo.

Haydenville Co., Haydenville, Mass.

Jarecki Mfg. Co. ("Erie"), Erie, Pa.

Kelly & Jones Co. ("Westmoreland"), 135 Water, Pittsburgh, Pa.

Lavigne Mfg. Co., Detroit, Mich.

Loneragan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO. ("Senior," "Junior," "Major," "Colonel," "Graphite," "Premier," "Paragon," "Mars," "Paragon Duplex," "Paragon Triplex," "Banner," "Emblem," "Hercules," "Cupid," "Artic," "Vulcan"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

McNab & Harlin Mfg. Co. ("Boyden"), 55 John, New York

McRAE & ROBERTS CO. ("The Acme," "Eureka," "Never Fail"), 227 Campbell av, Detroit, Mich.
See adv index at end of book

Madison-Kipp Lubricator Co. ("Kipp" Valveless), Madison, Wis.

Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.

Michigan Lubricator Co. ("Michigan," "Cyclone," "Rural," "Duke," "Giant," "Hot Stuff," "Pepper Pod," etc), Detroit, Mich.

Nathan Mfg. Co. ("Nathan," "Volunteer," "Columbia"), 416 E 106th, New York

National Brass Mfg. Co., Rochester, N. Y.

Ohio Grease Co. ("Ohio" Grease), Londonville, O.

Ohio Injector Co. ("Chicago," "Ohio"), Wadsworth, O.

Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.

Powell Wm. Co. ("Trojan," "Columbian," "Star," "Crescent," "Ensign," "Spartan"), Cincinnati, O.

Rich Mfg. Co. ("Phillips"), 370 Atlantic av, Boston, Mass.

Richardson-Phenix Co. ("Richardson" Automatic Sight Feed Oil Pump), 122 Reservoir av, Milwaukee, Wis.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Sherwood Mfg. Co. ("Buffalo"), 1709 Elmwood, Buffalo, N. Y.

Star Brass Mfg. Co. ("Seibert"), 108 E Dedham, Boston, Mass.

Swain Lubricator Mfg. Co., 443 W 37th, Chicago, Ill.

Swift Lubricator Co., Elmira, N. Y.

Wilkinson W. H. Co., West Medway, Mass.

7641—*Lubricators (Steam Engine)

LUNKENHEIMER CO. ("Senior," "Junior," "Graphite," "Major" & "Colonel"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.
See adv index at end of book

7642—Lubricators (Thread)

United Shoe Machinery Co. ("U. S. M. Co." Adapted to All Sewing Machines), 205 Lincoln, Boston, Mass.

7643—Lugs (Boiler)

Castle A. M. & Co. ("Drake-Castle" Pressed Steel), 1300 N Branch, Chicago, Ill.

KUTZTOWN FOUNDRY & MACHINE CO. (Cast Iron), 1421 Chestnut, Phila., Pa. *See adv index at end of book*

Lukens Steel Co., Coatesville, Pa.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Scully Steel & Iron Co. (Pressed Steel), 2364 S Ashland av, Chicago, Ill.

Tudor Boiler Mfg. Co., Cincinnati, O.

Worth Bros. Co. (Pressed Steel), Coatesville, Pa.

7644—Lugs (Hinge)

Riesack Iron Works (Wrought Steel for Steel Shutters), 1201 Metropolitan, N S Pittsburgh, Pa.

7645—Lugs (Rubber Covered)

Empire Tire & Rubber Co. ("Empire" for Motor Tires), East Trenton, N. J.
See adv index at end of book

7646—Lugs (Tank)

Baker Mfg. Co., Evansville, Wis.

Caldwell W. E. Co. ("Caldwell" Hoops, Lugs or Fasteners), 2270 Brook, Louisville, Ky. *See adv index at end of book*

Flint & Walling Mfg. Co., Kendallville, Ind.

Gillie Machine Co. (Round), Tonawanda, N. Y.

Gowanda Agricultural Works (Silo Lugs), Gowanda, N. Y.

Illinois Malleable Iron Co., 1801 Diversey pl, Chicago, Ill.
See adv index at end of book

Imperial Bit & Snap Co., Racine, Wis.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

National Malleable Casting Co., Cleveland, Ohio

Pacific Tank & Pipe Co., Los Angeles, Cal.

Racine Tank Lug Co. (Malleable Iron, Round & Flat), Racine, Wis.

Snow T. W. Construction Co. ("Dupree"), 537 S Dearborn, Chicago, Ill.

Stowell Co. The, S Milwaukee, Wis.

Tecktonius E. C. Mfg. Co. (Malleable Iron, Also Kiln & Silo), Racine, Wis.

Wilmington Malleable Iron Works of Eastern Malleable Iron Co. (Aso Silo), Wilmington, Del.

7647—Lugs (Terminal)

Barkeley Electric Mfg. Co., Middletown, Ohio

Bliss-Chester Co. ("Duplex"), 31 Mathewson, Providence, R. I.

Condit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.

Connecticut Electric Mfg. Co. (Cast Copper), Bridgeport, Conn.

Crouse-Hinds Co., Syracuse, N. Y.

Cutter George Co., South Bend, Ind.

Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.

Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.

Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.

Trumbull Electric Mfg. Co., Plainville, Conn.

7648—Lumber (Artificial)

Keyes Products Co., 120 B'way, New York

Lumber (Creosoted)

See Creosoting Works

7649—Lumber (Gypsum)

U. S. Gypsum Co. (Sheetrock Wall Board), 205 W Monroe, Chicago, Ill.

7650—Lumber (Kyanized)

Allen, Otis & Son, Lowell, Mass.

Berlin Mills Co., Portland, Me.

7651—*Lumber Leads

DIXON JOSEPH CRUCIBLE CO. ("Dixon's," for Marking Green or Dry Lumber), Jersey City, N. J.
See adv index at end of book

7652—Lumber Mfrs. (Cypress)

Abeles C. T. & Co., Little Rock, Ark.

Allen Mfg. Co. (Ltd.) (Red), Shreveport, La.

Antrim Lumber Co., Wright bldg., St. Louis, Mo.

Ascension Red Cypress Co. (Ltd.) (Red), New Orleans, La.

Baldwin Lumber Co., Ltd., Baldwin, La.

Bowie Lumber Co. (Ltd.), Bowie, La.

Brownell-Drews Lumber Co. (Ltd.), Morgan City, La.

Burgan Wm. M., American bldg, Baltimore, Md.

Burton E. P. Lumber Co., Charleston, S. C.

Burton-Swartz Cypress Co., Burton, La.

Butters Lumber Co., Boardman, N. C.

Byrnes-Renfro Lumber Co., Kansas City, Mo.

Carrier Lumber & Mfg. Co., Sardis, Miss.

Carter-Kelley Lumber Co., Manning, Tex.

Cotten Bros. Cypress Co. (Ltd.), Morgan City, La.

Cummings-Moberly Cypress Co., Moberly, La.
 Cypress Lumber Co. (Lumber & Shingles, Tanks & Vats), 88 Broad, Boston, Mass.
 Dibert, Stark & Brown Cypress Co. (Ltd.), Donner, La.
 Dierks Lumber & Coal Co., Gates bldg, Kansas City, Mo.
 Forest Lumber Co., Oakdale, La.
 Gates Lumber Co., Wilmar, Ark.
 Gebert Shingle Co. (Ltd.), New Iberia, La.
 Germain Co., Farmers Bank bldg, Pittsburgh, Pa.
 Gilchrist-Fordney Co., Laurel, Miss.
 Good Land Cypress Co., Hibernia bldg, New Orleans, La.
 Hanson Albert Lumber Co. (Ltd.), Garden City, La.
 Hebard-Cypress Co., Scranton, Pa.
 Jeanerette Lumber & Shingle Co. (Ltd.), Jeanerette, La.
 Keo Shingle Co., England, Ark.
 Kyle Lumber Co. (Ltd.), Franklin, La.
 Lear W. H., 979 N Front, Phila., Pa.
 Louisiana Cypress Lumber Co. (Ltd.) (Red), Harvey, La.
 Luehrmann C. F. Hardwood Lumber Co., 150 Carroll, St. Louis, Mo.
 Lutcher & Moore Cypress Lumber Co. (Ltd.), Lutcher, La.
 Lyon Cypress Lumber Co. (Red Cypress), 208 S La Salle, Chicago, Ill.
 Morley Cypress Co., Morley, La.
 Napoleon Cypress Co. (Ltd.), Napoleonville, La.
 Opdenweyer-Alcus Cypress Co., Sorrento, La.
 Owl Bayou Cypress Co., Cincinnati, O.
 Pawnee Land & Lumber Co., Pawnee, La.
 Planters' Lumber Co. (Ltd.), Jeanerette, La.
 Poltevent & Faure Lumber Co., L. & L. & G. bldg, New Orleans, La.
 Ramos Lumber Co. (Ltd.), Ramos, La.
 Richardson Cypress Lumber & Shingle Co., Bucksport, S. C.
 Riggs Cypress Co. (Ltd.), Patterson, La.
 Ruddock-Orleans Cypress Co., New Orleans, La.
 St. Bernard Cypress Co. (Ltd.), Arabi, La.
 Salmen Brick & Lumber Co., Ltd., Whit bldg, New Orleans, La.
 Savannah River Lumber Co., Savannah, Ga.
 Schwing Lumber & Shingle Co. (Ltd.), Plaquemine, La.
 Seidel Julius Lumber Co., 2000 S Kingshighway, St. Louis, Mo.
 Smith A. B. Lumber Co., Paducah, Ky.
STEARNS A. T. LUMBER CO., 100 Taylor, Neponset, Boston, Mass.
See adv index at end of book
 Trimble Cypress Co., 508 Bell blk, Cincinnati, O.
 Wausau Southern Lumber Co., Laurel, Miss.
 Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.
 Wilbert's A. Sons Lumber & Shingle Co., Plaquemine, La.
 Williams F. B. Cypress Co. (Ltd.), Patterson, La.
 Wilson Cypress Co., Palatka, Fla.
 Wilson & Cochran, Lottie, La.

7653—Lumber Mfrs. & Wholesale Dealers

Star (*) denotes Manufacturers.
 Dagger (†) denotes Inspectors & Shippers.
 Section Mark (§) denotes Wholesale Dealers.

This is not an absolutely complete list of Lumber Manufacturers & Wholesalers. It is compiled for those who want to purchase lumber.

ALABAMA.

ATMORE—*Carney W. M. Mill Co. (L. L. Yellow Pine)
 BELLAMY—Allison Lumber Co. (Saw Mill)
 BESSEMER—Edwards G. B. Lumber Co.
 BIRMINGHAM—§Alabama Lumber Co.
 *American Lumber & Export Co. (Yellow Pine)
 Barnett Lumber Co.
 §Iron City Lumber Co.
 *Jenkins Lumber Co. (Shingles, Lath & Planing Mill)
 *Kaul Lumber Co. (Saw Mill, Yellow Pine, etc)
 *Lathrop Lumber Co. (Yellow Pine)
 Standard Lumber Co.

BREWTON—Lovelace Lumber Co.
 CARBON HILL—Guthrie B. B. (Saw Mill)
 CARROLTON—*Beasley & McCafferty Lumber Co.
 *Kilpatrick S. F. (Saw Mill)
 CHAPMAN—*Smith W. T. Lumber Co. (Yellow)
 CLAYTON—Robertson W. H. (Estate of) (Saw Mill)
 COHASSET—*Foshee J. M. (Lumber & Saw Mill)
 CREOLA—Hatter T. A. & Son (Saw Mill)
 DECATUR—*Hitt H. H. Lumber Co. (Tenn. Hardwoods)
 Jervis Lumber Co.
 EVA—Stewart, Wiley (Saw Mill)
 FULTON—*Scotch Lumber Co. (Yellow Pine)
 HUNTSVILLE—*Huntsville Lumber & Mfg. Co.
 LAMISON—*Frost-Sibley Lumber Co.
 LOCKHART—*Jackson Lumber Co. (Yellow Pine)
 LUVERNE—Beal J. A. (Saw Mill)
 MOBILE—Barrett J. S. Lumber Co.
 *Blacksher Co. (Yellow Pine & Saw Mill)
 *Cameron J. D. & Son Co. (Lumber & Shingles)
 Hunter, Benn & Co. (Exporters)
 *Robinson Land & Lumber Co. (Long Leaf Yellow Pine), Mills; Chicora, Miss.
 Taylor, Martin & Co. (Lumber & Timber)
 MONTGOMERY—§Alabama Lumber Co. (Lath & Shingles)
 §Flowers E. P. & Co.
 §Southern Pine Lumber Co. (Yellow Pine)
 §Vesuvius Lumber Co.
 NEW DECATUR—Payne E. C. Lumber Co.
 OAK GROVE—*Davis M. L. (Yellow Pine)
 POLLARD—Lindsey Lumber Co.
 RAMER—Mills A. D. (Saw Mill)
 STOCKTON—*McMillan Bros.
 VINEGAR BEND—*Vinegar Bend Lumber Co. (Yellow Pine)
 WAGAR—*McClure Lumber Co. (Yellow Pine)

ARIZONA.

FLAGSTAFF—*Arizona Lumber & Timber Co.
 NOGALES—§Roy & Titcomb
 PHOENIX—Ryder H. W. (Saw Mill)
 Valley Lumber Co.
 PRESCOTT—§Head Lumber Co.
 TUCSON—Corbett J. Knox Lumber Co.
 Tucson Lumber Co.
 WILLIAMS—Saginaw & Manistee Lumber Co.

ARKANSAS.

ALGOA—*Stringer R. L. (Saw Mill)
 ALLENE—*Wright C W (Saw & Planing Mill)
 ARKADELPHIA—*Arkadelphia Milling Co.
 BEARDEN—*Cotton Belt Lumber Co. (Yellow Pine)
 BEIRNE—Clark J. G. (Saw Mill)
 BIGELOW—*Fourche River Lumber Co. (Long Leaf Yellow Pine)
 BINGEN—*Wolff J. R. (Saw Mill)
 BLISSVILLE—Bliss-Cook Oak Co. (Band Sawed White & Red Oak)
 BLYTHEVILLE—*Chicago Mill & Lumber Co. (Branch of Chicago, Ill.)
 *East Arkansas Lumber Co. (Branch of Paragould)
 BOYNTON—*Boyston Land & Lumber Co.
 BRINKLEY—Brinkley Car Works & Mfg. Co. (Saw & Planing Mills)
 BROOKINGS—*Quellmalz Hy. Lumber & Mfg. Co. (See St. Louis, Mo.)
 CAMDEN—*Tate & Fearing (Saw Mill)
 CARGILE—*Loutre Shingle Co. (Shingles)
 CROSSETT—*Crossett Lumber Co. (Yellow Pine)
 DELIGHT—*Delight Lumber Co.
 DERMOTT—Dermott Land & Lumber Co., Railway Ex.
 Fee-Crayton Hardwood Lumber Co. (Oak, Ash, Hickory, Walnut, etc.)
 EAGLE MILLS—*Eagle Lumber Co. (Yellow Pine)
 EARL—*Crittenden Lumber Co.
 EL DORADO—*Eldorado Lumber Co.
 ENGLAND—*Keo Shingle Co. (Cypress Lumber & Shingles)
 FAYETTEVILLE—Northwest Arkansas Lbr. Co.

FORDYCE—*Fordyce Lumber Co. (Yellow Pine)
 *Hampton Stave Co.
 FORT SMITH—*Dyke Bros.
 GLENWOOD—Clark A. L. Lumber Co. (Yellow Pine)
 GRIFFIN—Griffin Mill Co. (Saw & Planing Mill)
 HELENA—*McDonald Bros. (Hardwood)
 HENSLEY—*Farrell Wm. Lumber Co. (Yellow Pine & Oak Lumber, Bridge & Dimension Timber, etc.)
 HOPE—*Hope Lumber Co. (Yellow Pine)
 JUNCTION CITY—*Cornie Stave Co.
 KENSETT—Doniphan Lumber Co. (Yellow Pine) (Office, Kansas City, Mo.)
 LITTLE ROCK—*Abeles C. T. & Co. (Yellow Pine, Cypress Lumber, Moulding, etc.)
 *Arkansas Cypress Shingle Co. (Shingles)
 *Ferguson C. E. Saw Mill (Yellow Pine & Red Cypress)
 *Neimeyer A. J. Lumber Co.
 MADISON—*Wheeler J. W. & Co. (Hardwood)
 MALVERN—Ark. Land & Lumber Co. (Yellow Pine & Ark. Soft Pine)
 Wisconsin & Arkansas Lumber Co. (Yellow Pine & Soft Pine)
 MARIANNA—*Ind. & Ark. Lumber & Mfg. Co.
 *Kershaw W. F.
 *Miller Lumber Co.
 MENA—*Watkins Lumber Co.
 MILLVILLE—*Freeman-Smith Lumber Co. (Yellow Pine)
 *McIntyre Lumber Co. (Southern Hardwood)
 NASHVILLE—*Graysonia-Nashville Lumber Co. (Yellow Pine & Hardwood Lumber)
 NEWPORT—Newport Lumber Co.
 OLIVER—Thomas-Huycke Co. (Yellow Pine)
 PERLA—*Malvern Lumber Co. (Yellow Pine)
 PINE BLUFF—*McIntyre J. F. & Sons (Southern Hardwoods)
 PLAINVIEW—*Fort Smith Lumber Co. (Short Leaf Yellow Pine)
 PRESCOTT—Ozan Lumber Co. (Yellow Pine)
 READER—Valley Lumber Co. (Ark.), (Soft Pine, Yellow Pine)
 STAMPS—*Bodcaw Lumber Co. (Yellow Pine)
 TEXARKANA—Buchanan Wm. (Lumber Broker)
 *Southern Pine Lumber Co. (Yellow Pine Mixed Cars a Specialty)
 THORNTON—*Stout Lumber Co. (Yellow Pine)
 TURRELL—Baker Lumber Co.
 WARREN—*Arkansas Lumber Co. The (Pine & Hardwood)
 *Bradley Lumber Co., The (Yellow Pine)
 *Southern Lumber Co. (Yellow Pine)
 WESSON—*Edgar Lumber Co. (Yellow Pine)
 WILMAR—*Gates Lumber Co. (Yellow Pine, Lumber & Cypress Shingles)
 WILSON—*Wilson Lee & Co. (Saw Mill)

CALIFORNIA.

ALBION—*Albion Lumber Co. (Redwood Lumber, Shingles & Ties)
 BAKERSFIELD—Union Lumber Co.
 BERKELEY—*Bruce Lumber & Mill Co. §Hunter Lumber Co.
 BULWINKLE—*Little River Redwood Co. (See No. Tonawanda, N. Y.)
 CASPAR—*Caspar Lumber Co. (Redwood Ties & Shingles)
 CHICO—*Diamond Match Co.
 DUNCANS MILLS—*Duncan's Mills Land & Lumber Co.
 EUREKA—Bayside Lumber Co.
 *Dolbeer & Carson Lumber Co. (Redwood Lumber & Shingles)
 *McKay & Co. (Redwood Lumber & Shingles)
 *Press, Whiting G. Co. (Redwood Shingles)
 FORT BRAGG—*Union Lumber Co. (Redwood Lumber, Shingles & Ties)
 FRESNO—Fassett Lumber Co.
 Fresno Lumber Co.
 *Hollenbeck Bush Planing Mill Co.
 Valley Lumber Co.
 GILROY—*Whitehurst & Hodges

HALF MOON BAY—Borden Chas. W. (Saw Mill)
 KORBEL—Northern Redwood Lumber Co.
 LOS ANGELES—§Algoma Lumber Co. (Saw Mill)
 §Blinn L. W. Lumber Co.
 Engstrum F. O. Co. (Planing Mill), 500 Seaton
 Higman Lumber Co. (Planing Mill)
 §San Pedro Lumber Co.
 §Stanton E. J. & Son
 §Western Hardwood Lumber Co.
 §Wood E. K. Lumber Co.
 MENDOCINO—*Mendocino Lumber Co.
 METROPOLITAN—*Metropolitan Redwood Lumber Co. (Redwood Shingles, etc)
 OAKLAND—*Smith C. A. Lumber Co. (Northly Pine Lbr & Box Shooks)
 §Sunset Lumber Co.
 OCCIDENTAL—*Meeker M. C.
 PASADENA—Blinn L. W. Lumber Co.
 Kerckhoff-Cuzner Lumber Co.
 PITTSBURGH—Redwood Manufacturers Co. (Redwood Lumber, Air Dried)
 PLACERVILLE—*Blair J. & J. Lumber Land Co.
 POINT ARENA—*White L. E. Lumber Co. (Redwood, Sugar Pine & Cal. White Pine)
 SACRAMENTO—Friend & Terry Lumber Co.
 SAN BERNARDINO—Suverkrup John
 SAN DIEGO—Russ Lumber & Mill Co.
 §San Diego Lumber Co. (Redwood Lumber & Shingles)
 SAN FRANCISCO—Acme Lumber Co., 6th & Channel
 Albion Lumber Co. (Redwood Lumber), 582 Market
 §Byxbee & Clark Co. (Redwood & Pine), Balboa bldg
 §California Sugar & White Pine Co., 1st National Bank bldg
 Caspar Lumber Co., Hobart bldg
 *Dieckmann Hardwood Co. (West Coast Mahogany, Spanish Cedar), 350 Beach
 Dodge E. J. Co., 16 California
 *Doe Frank P. Lumber Co., 16 California
 *Dolbeer & Carson Lumber Co., Redwood Lumber & Shingles), Merchants' Exch. bldg
 Duebel Chas. & Co. (Planing Mill), 224 1st
 Duncan's Mills, Land & Lumber Co., 112 Market
 *Federal Mill Co. (Saw Mill)
 Gardiner Mill Co., 16 California
 *Gray Harbor Commercial Co. (Fir, Spruce & Red Cedar Lumber & Shingles), Ft. of 3rd
 *Hammond Lumber Co., 25th & Geo.
 §Hanify J. R. Co. (Redwood), 24 Market
 *Hobbs, Wall & Co. (Redwood Lumber), Fife bldg.
 *Hooper F. P. & J. A., Merchants' Exch bldg
 §Hooper John A., 110 Market
 *Loma Prieta Lumber Co., New Bank bldg
 McKay & Co. (Redwood Lumber & Shingles), 311 California
 MacArthur & Kauffman (Red Cedar & Pine), 461 Market
 *Mendocino Lumber Co., Crocker bldg
 *Metropolitan Redwood Lumber Co. (Redwood Shingles, etc), 112 Market
 §Nelson Chas. Co. (Redwood, Pine Shingles, Posts, etc), 230 California
 Niehaus E. F. & Co. (Hardwood), 564 Brannan
 §Olson & Mahoney Lumber Co., 5th & Channel
 *Pacific Lumber Co. (Redwood, Pine & Shingles), Hobart bldg
 §Pollard & Co. (Redwood Lumber & Shingles), 110 Market
 *Pope & Talbot (Lumber, Timber, Piles, Spars, etc), ft of 3rd
 Port Blakeley Mill Co., 544 Market
 *Puget Mill Co. (Fir Lumber, Spars & Piles), Mills: Port Gamble, Wash., & Port Ludlow, Wash
 Redwood Mfrs. Co. (Redwood), Hobart bldg
 Richardson Co., 320 Market
 St. Helens Lumber Co. (Fir)

§San Diego Lumber Co. (Redwood Lumber & Shingles)
 §San Pedro Lumber Co., 110 Market
 §Schouten J. W. & Co. (Redwood, Pine Lumber & Shingles), 738 Bryant
 §Sierra Nevada Wood & Lumber Co. (Pine, Spruce & Fir)
 Simpson Lumber Co., 112 Market
 §Slade S. E. Lumber Co. (Pine & Spruce), 112 Market
 §Stockton A. L. Lumber Co., Merchants, 6130 Mission
 *Tacoma Mill Co. (Douglass Fir, Oregon Pine, Plank Timber, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Red Cedar Shingles, etc), 310 Sansom. Works, Tacoma, Wash.
 §Truckee Lumber Co. (of S. F.), First National Bank bldg
 §Union Lumber Co. (Ties, Poles, Pine & Redwood Piles, Spars, etc), Crocker bldg
 §Valley Lumber Co. 110 Market
 Wendling Nathan Co., Crocker bldg
 §White Bros. (Hardwood Importers & Dealers), 5th & Brannan
 §White L. E. Lumber Co. (Redwood Lumber, Ties, Posts & Tan Bark), Balboa bldg
 Wilson Bros. & Co., 325 Berry
 *Wood E. K. Lumber Co. (Fir & Spruce), 112 Market
 SAN JOSE—*Chase S. H. Lumber Co. (Lumber & Saw Mill)
 *Glenwood Lumber Co. (Lumber & Mill Work)
 Hubbard & Carmichael Bros. (Lumber)
 *Santa Clara Valley Mill & Lumber Co. (Lumber & Mill Work)
 SANTA ANA—Griffith Lumber Co.
 Pendleton Lumber Co.
 SANTA BARBARA—*Union Mill Co. (Planing Mill)
 SANTA CRUZ—*Hihn F. A. Co.
 SCOTIA—*Pacific Lumber Co. (Redwood, Pine & Shingles)
 SONORA—*Standard Lumber Co.
 WESTPORT—Pollard Lumber Co.
 WESTWOOD—Red River Lumber Co. (California White & Sugar Pine, Cut Sash & Dover Stock & Box Shooks)
 WILMINGTON—§Consolidated Lumber Co.

COLORADO.

COLORADO SPRINGS—Crissey & Fowler Lumber Co.,
 Newton Lumber & Mfg. Co.
 DENVER—§Continental Tie & Lumber Co.
 English R. W. Lumber Co., 16th & Arapahoe
 Farrar & Guy, 312 Quincy B
 *Fleming Bros. Co., 701 S B'way
 Hallack & Howard Lumber Co.
 Lewis & Wheeler Merc. Co., 1537 18th
 †McPhee & McGinnity Co., 1630 Arapahoe
 §Oregon Lumber Co., 1648 Platte
 Salzer B. F. Lumber Co., Idaho & Virginia av
 §Sayre-Newton Lumber Co., 23d & Blake
 GREELEY—Mayher Wm. Lumber Co.
 PAGOSA SPRINGS—§Pagosa Lumber Co.
 PUEBLO—§King Investment & Lumber Co.
 †Newton Lumber & Investment Co.
 TRINIDAD—Davis O. L. Lumber Co.

CONNECTICUT.

AVON—Woodford H. W.
 BRIDGEPORT—§Burritt A. W. Co.
 Miller Frank Lumber Co. (Saw Mill)
 Pork City Lumber Co.
 West End Lumber Co.
 HARTFORD—Capitol City Lumber Co.
 *Conn. Valley Lumber Co.
 §Harlow Lumber Co.
 §Hartford Lumber Co. (Pine, Hardwood, Shingles, etc)
 Taylor Edwin Lumber Co.
 MERIDEN—Bishop Dexter L. Co. (Saw Mills)
 §Lyon & Billard Co.

NEW HAVEN—§Connecticut Box Co. (Lumber & Shooks, etc)
 §De Forest & Hotchkiss Co., 115 Water
 Elm City Lumber Co.
 Fogg Ezra D. Co.
 Hartshorn F. E.
 §Lampson Lumber Co. (Spruce, Southern Pine, Cypress)
 *New Haven Saw Mill Co. (Southern Pine)
 *Sanford & Treadway (Hardwoods)
 NEW LONDON—§Chappell F. H. & A. H. Co.
 *Raymond & Alexander Lumber Co. (Saw Mill, Ties, Poles, Timber, etc)
 NORWICH—Potter A. L. & Co. (Saw Mill)
 STAMFORD—§Getman & Judd Co.
 TORRINGTON—*Wadhams F. L. & Sons (Saw Mills)
 WALLINGFORD—Wallingford Lumber Co.
 WATERBURY—Brass City Lumber Co.
 City Lumber & Coal Co., 590 W Main
 §Tracy Bros. Co.
 Waterbury Lumber & Coal Co., 107 Meadow
 WESTFORD—Barlow A. G. & Son
 WEST HAVEN—Richards H. H. Lumber Co.
 WILLIMANTIC—Hillhouse & Taylor
 WINSTED—*Bronson Bros.
 Burwell J. C.
 Tiffany & Pickett Co. (Saw Mill)

DELAWARE.

LEWES—Arnell Robt.
 Ingram A. P.
 MILFORD—Milford Lumber Co.
 NEW CASTLE—Ellason J. T. & L. E.
 WILMINGTON—§Bush J. D. & Co. (Yellow Pine, etc), Dupont bldg.
 §Canby Hy. M. (White & Yellow Pine), Hardwoods, etc), Equitable bldg
 Corbin R. H.
 §Cranston John A. Lumber Co., 109 King
 Diamond Lumber Co.
 *Kent Lindley C. Co., Front & Monroe
 Simmons S. G. & Bros. Co., Front & Tatnall

DISTRICT OF COLUMBIA.

WASHINGTON—*Johnson & Wimsatt (N. C. Pine), 1212 Water, S W

FLORIDA.

APOKA—*Consumers Lumber & Veneer Co. (Saw & Crate Mills)
 BAGDAD—*Bagdad Land & Lumber Co.
 BOYD—*Weaver-Loughridge Lumber Co.
 BROWARD—*Jones J. B. (Saw Mill)
 CARRABELLE—*Franklin County Lumber Co.
 CARTERS—Carter Mfg. Co. (Shingle Mill)
 CENTRALIA—*Central Cypress Co.
 CENTURY—*Alger-Sullivan Lumber Co. (Yellow Pine)
 DE FUNIAK SPRINGS—*Beach, Rogers & Co.
 *Graves-Tatum Co. (Saw Mill)
 Walton Land & Timber Co.
 DUPONT—*Dupont Land Co.
 White U. J. (Saw Mill)
 EAST PALATKA—*Browning Lumber Co. (Saw Mill)
 ENVILLE—Denton Lumber Co. (Southern Yellow Pine)
 ESCAMBIA—McVey Joseph & Co. (Saw Mill)
 FERNANDINA—*Baxter Geo. S. & Co. (See New York)
 *Florida Pitch Pine Lumber Co.
 FORT McCOY—*Rantz Lumber Co. (Saw Mill)
 GAINESVILLE—*Brown Bros. Co.
 *Lumber Mfg. Co. (Saw Mill)
 *Phifer W. B. Co. (Saw Mill)
 *Stringfellow Lumber Co. (Saw Mill)
 GLENWOOD—*Bond Lumber Co. (Saw Mills)
 GREER—*Greer J. L. (Saw Mill)
 GRIFFIN—*Omohudro Bros. Lumber Co.
 HAMPTON SPRINGS—Rock Creek Lumber Co. (Southern Yellow Pine)
 HOPKINS—Union Cypress Co. (Cypress)
 IVERNESS—*West & Reaves Lumber Mills

JACKSONVILLE—Baxter G. S. & Co. (Branch of New York City)
Corse, Montgomery (Shingle Mill)
Cummer Lumber Co. (L. L. Yellow Pine)
*Florida Pine Co.
*Florida Tie & Lumber Co. (Cross Ties & Lumber)
Gress Mfg. Co.
Hirsch Lumber Co.
*Hunter Co. (Yellow Pine)
Sax Alfred R. Lumber Co. (Branch of New York City)
*Scotland Mills (Inc.), (Saw Mill)
*Sizer Robt. R. & Co. (Branch of New York City)
*Standard Lumber Co.
*West E. E.
LAKE HELEN—*Bond E. W. Co. (Saw Mill)
LAKEWOOD—*Britton Lumber Co. (Yellow Pine)
LARGO—*Hardage & McMullen (Saw Mill)
LEBANON—*King R. M. Lumber Co. (Saw Mill)
LIVE OAK—*Standard Lumber Co. (Southern Yellow Pine & Cypress)
LONGWOOD—*Dinkel J. S. (Saw Mill)
MACCLENNEY—*Barber M. D. (Saw Mill)
MARTEL—Martel Lumber Co. (Saw Mill)
MARTIN—*Martin Crate Co. (Saw Mill)
MIAMI—*Carter T. A. (Saw Mill)
MONTBROOK—*Florida Land Co. (Saw Mills)
*McNair & Wade Land Co. (Mills)
MORRISTON—*Morrison D. B. Co.
MUSCOGEE—*Southern States Lumber Co. (Yellow Pine)
NOCATEE—*King Lumber & Mfg. Co.
NOMA—*Alabama & Florida Lumber Co. (Saw Mill)
OAK—*McDowell Crate & Lumber Co.
OCALA—*Ocala Mfg. Co.
ORANGE HEIGHTS—*McRae & Davis
ORANGE HILL—*Gilbert Z. R. (Saw Mill)
OTTER CREEK—*Otter Creek Lumber Co.
OXFORD—*Collier Horace O. C. (Lumber & Crate Mills)
PACE—*Escambia Land & Mfg. Co. (Saw Mill)
PALATKA—*Selden Cypress Door Co. (Cypress)
*Wilson Cypress Co. (Cypress Lumber, Siding, Shingles, etc)
PENSACOLA—*Baars H. & Co. (Pitch Pine)
*Duval B. C. (Saw Mill)
*German-American Lumber Co.
*Nobles R. E. & Son (Shingle Mills)
*Pensacola Lumber & Timber Co. (Pitch Pine Exporters)
*Robinson Co. (Exporter)
Runyan & Co. (Saw Mill)
*Southern States Lumber Co.
PERRY—Burton-Swartz Cypress Co. (Cypress Lumber & Shingles)
PINE BARREN—*McMillan Mill Co. (Yellow Pine)
PLANT CITY—Warnell Lumber & Veneer Co.
RODMAN—*Rodman Lumber Co. (Saw Mill)
SAXTON—*Starke Lumber Co.
SUMNER—*Cummer Cypress Co.
TAMPA—*Anderson Mfg. Co.
TARPON SPRINGS—*Alderman J. W. (Saw Mill)
TRENTON—*Wade & Bell (Timber)
WALDO—Cauthen T. M. (Shingle Mill)
WATERTOWN—*East Coast Lumber Co. (Saw Mill)
WAUCHULA—*Wauchula Mfg. & Timber Co.
WEST LAKE—West Bros. (Saw Mill)
WEST PALM BEACH—Lainhart & Potter
WHITNEY—*Goethe Lumber Co. (Saw Mill)
WILDWOOD—*McRainey & Bridges (Saw Mill)

GEORGIA.

ADAIRSVILLE—*Cedar Springs Mfg. Co. (Saw Mill)
ALBANY—*Flint River Cypress Co. (Cypress)
ALLENHURST—*Dunlevie Lumber Co.
AMERICUS—*Americus Mfg. Co. (Saw Mill)
ASHBURN—*Ashburn Lumber Co.

ATHENS—Moss R. L. Mfg. Co. (Planing Mills)
ATLANTA—Atlanta Hardwood Lumber Co.
Colcord Lumber Co.
*Crockett Lumber Co., Fourth Nat'l Bank bldg
*Lake Frank G.
*Lowe E. E. & Co., Fourth Nat'l Bank bldg
Pattillo Lumber Co.
*Royal Lumber Co.
*Smith & Simpson Lumber Co.
*West Lumber Co.
Willingham's E. G. Sons (Lumber & Planing Mill)
Willingham-Tift Lumber Co.
*Zuber J. W.
AUGUSTA—*Augusta Lumber Co. (Long Leaf Yellow Pine)
*Perkins Mfg. Co. (Yellow Pine)
*Woodward Lumber Co. (Yellow Pine)
AUTREVILLE—*Autrey D. A. & Son (Saw Mill)
BABCOCK—Babcock Bros. Lumber Co. (Saw Mill) (Branch of Pittsburgh, Pa.)
BAINBRIDGE—*Ramsey-Wheeler Co.
BLUNDALE—*Enamel Farm Co. (Saw Mill)
BOSTON—*Kirby Planing Mill Co. (Saw Mill)
BOWDON—*Fowler W. J. (Saw Mill)
*King C. W. (Saw Mill)
BRINSON—*Stuart Lumber Co. (Yellow Pine)
BROOKLET—*Shearwood Lumber Co. (Saw Mills)
BROOKS—*Peoples J. W. (Saw Mill)
BROXTON—*Dorming-Price Lumber Co.
BRUNSWICK—*Bladen Tie & Lumber Co.
*Camden Lumber Co. (Saw Mill)
*Cooney, Eckstein & Co. (Yellow Pine)
*Hirsch Lumber Co. (Branch of N. Y. City)
CARTERSVILLE—*Rhyne Bros. Lumber Co.
CECIL—*Bray J. N. Lumber Co. (Saw Mill)
CEDARTOWN—Bailey S. C. (Saw Mill)
CISCO—*Brownlee-Lowry Co. (Saw Mill & Hardwood Lumber)
CLAYTON—*Southern Lumber Co.
COLLINS—*Holland J. R. (Saw Mill)
COLQUITT—*Coward A. J.
CONYERS—*Hamilton J. A. & Sons (Saw Mill)
*McKleroy T. (Saw Mill)
CRAWFORDSVILLE—*Malcom A. G. Bro. & Co. (Saw Mills)
CUTTING—*Georgia Lumber & Turpentine Co.
CYRENE—*Hodges C. S.
DACULA—*Pharr G. F. (Saw Mill)
DALTON—*Cherokee Mfg. Co.
*Farrar Lumber Co. (Yellow Pine, Brackets, Blocks & Mill Finish)
DARIEN—*Hilton-Dodge Lumber Co. (Cypress & Yellow Pine)
DONALDSONVILLE—*Donaldsonville Shingle Co.
EASTMAN—*Thompson W. H.
ELLIJAY—*Shippen Bros. Lumber Co.
EUGENE—*Phillips Lumber Co. (Saw Mill)
FAIRPLAY—*Malcom B. H. & Bro. (Saw Mill)
FENDIG—*McKinnon L. T. & Co. (Saw Mill)
FORT GAINES—*McRae Bros. (Saw Mill)
GRAHAM—*Johnson M. B. (Saw Mill)
HARTWELL—*Cash & Co. (Saw Mill)
*Sanders S. H. (Saw Mill)
*Young G. V. & Co. (Saw Mill)
HAWKINSVILLE—*Snowden T. H. (Shingle Mill)
HAZELHURST—*Copeland Lumber Co. (Saw Mill)
IRON CITY—*Lane D. A. W. (Shingle Mill)
JAKIN—*Flower Lumber Co. (Saw Mill)
KATHLEEN—*Davis J. H. & Son (Saw Mill)
KINDERLOU—*Young-Burton Co.
LAGRANGE—Pike Bros. Lumber Co.
LAWRENCEVILLE—*Ambrose J. A. Jackson C. P. (Saw Mill)
LELA—*Chattahoochee Lumber Co.
LETTFORD—*Tuten W. G. (Saw Mill)
LYONS—*Thompson J. L. (Saw Mill)
MACON—*Case-Fowler Lumber Co. (Hardwood)
*Central Mfg. Co.
*Jenkins J. W. (Saw Mill)

*Massee & Felton Lumber Co. (Gum Oak, Hickory, Ash, Elm, Maple, Poplar & Sycamore)
*Sibley Lumber Co. (Saw Mill)
MEIGS—*Meigs Lumber & Mfg. Co. (Saw Mill)
MILLTOWN—*Milltown Lumber Co.
MINEOLA—*Mineola Mill Co. (Yellow Pine)
MOULTRIE—*Colquitt Lumber Co.
Corbett Lumber Co. (Saw Mill)
*Huber Lumber Yard
MOUNT PLEASANT—Aiken L. R. & Br.
NEWMAN—Askew W. S. Co.
*Cole R. D. Mfg. Co.
NORCROSS—Johnston J. F. (Saw Mill)
OCILLA—*Henderson Lumber Co. (Saw Mill)
*Ocilla Planing Mill
OCONEE—*Cleveland-Oconee Lumber Co.
PINEORA—*Pineora Mfg. Co. (Saw Mill)
QUITMAN—*Interstate Lumber Co.
*South Georgia Lumber Co.
REYNOLDS—Ricks Bros. (Saw Mill)
ROME—*O'Neill Mfg. Co. (Yellow Pine)
SAVANNAH—Bacon A. S. & Sons (Shingles, Lumber, etc), 15 Whitaker
*Bourne Lumber (Saw Mill)
*Brewster Lumber Co. (Saw Mill)
*Georgia-Carolina Lumber Co. (of Pittsburgh, Pa.)
*Georgia Pine Co. (Branch of Balto. Md.)
Jarratt J. S. & Co. (Saw Mill, etc)
*Kuhns W. T. Lumber Co. (Saw Mill)
*Savannah River Lumber Co. (Yellow Pine)
Southern Box & Lumber Co.
*Southern Pine Co. (of Georgia) (Yellow Pine Lumber, Rough & Dressed Shingles, Lath, Mouldings, Newell Posts, Ballusters, Flooring & Heavy Timber)
STOCKTON—*Fry E. Y. (Saw Mill)
SYLVANIA—*Brantley W. L. (Saw Mill)
*Mallory W. A. & BRO. (Saw Mill)
THOMASVILLE—*Beverly W. E. (Saw Mill)
Jemison J. B. & Co. (Long Leaf Yellow Pine Car Material, Bridges, Floorings, Siding, Shingles, Laths, etc)
Jemison J. B. & Co.
*Kirby Planing Mill Co. (Yellow Pine)
*Southern Saw Mill Co. (Saw Mill)
*Williams Homer
TIFTON—
*Phillips Lumber Co.
*Tift H. H. (Yellow Pine)
UNION CITY—*Gates Bros. Co. (Saw Mill)
VALDOSTA—Fender Lumber Co. (Saw & Planing Mill)
Killian Lumber Co. (Long Leaf Yellow Pine)
*Morrison & Harvey
WARTHEN—*Walker G. C. (Saw Mill)
WAYCROSS—*Hebard Cypress Co. (See Scranton, Pa.)
WINDER—*Millsaps G. S. (Saw Mill)
WRENS—*Wren W. J. (Saw Mill)
ZENITH—Pearson & Avera (Saw Mill)

IDAHO.

BONNERS FERRY—Bonners Ferry Lumber Co. (Western Soft Pine, Idaho White Pine, Hard, Spruce & Cedar Lumber & Lath, etc)
BOISE—Boise Payette Lumber Co. (Pine)
*Ridenbaugh W. H. (Lumber & Saw Mills)
COEUR D'ALENE—Blackwell Lumber Co. (Idaho White Pine, Western Soft Pine, White Fir)
Coeur d'Alene Lumber Co. (White Pine Products)
DOVER—*Dover Lumber Co. (White Pine, Larch & Cedar)
MOSCOW—*Standard Lumber Co.
POTLATCH—*Potlatch Lumber Co. (Idaho White Pine, Western Soft Pine, Lap Pine Siding)
SAND POINT—*Humbird Lumber Co. (Ltd.) (White Pine Lumber, Red Pine & Hard, Cedar Poles & Split Cedar Posts, etc, Ties, Poles & Posts, Cedar Poles & Split Cedar Posts)
*Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar Posts, Poles, Piling & Shingles)
SPIRIT LAKE—*Panhandle Lumber Co. Ltd. (Panhandle Pine)

ILLINOIS.

ANNA—*Anna Lumber & Mfg. Co.
 BELLEVILLE—Liese Lumber Co.
 Reis J. B. Lumber Co.
 CAIRO—*Atwood F. H. Lumber Co.
 (Lumber & Boxes, Veneered &
 Sawed Egg Cases, Box Shooks,
 etc)
 Dunbar Mill & Lumber Co.
 *Hurd O. P. Jr. & Co., Cairo, Ill.
 Langan P. T. Lumber Co. (Saw Mill)
 *Weis-Peterson Box Co. (Sawed &
 Veneered Egg Cases, etc)
 CHICAGO—*Abbott Frank I. (Pine &
 Hardwoods), 2201 Loomis
 Alexander Lumber Co., 332 S Mich-
 igan av
 Allen Edmund A., 133 W. Washington
 Anguera Lumber & Tie Co., 910 S
 Michigan av
 Attley J. M. Co., 11 S La Salle
 Bader John Lumber Co., 2120 Dom-
 inick
 Baird D. W. Lumber Co. (Red Oak
 Gum & Birch), 1026 W. 22d
 *Barrett Wm. E. & Co., 29 E. Mad-
 ison
 *Bay De Noquet Co. (Hemlock,
 Hardwood, White Pine, etc), 80 E
 Jackson blvd
 *Benedict John S. Lumber Co. (Hard-
 wood & Wagon Stock), 419 N
 Halsted
 Big Bay Lumber Co., 327 S La Salle
 *Bigelow Bros. & Walker Co. (Yellow
 Pine, Cypress & Hardwood), 5 N
 La Salle
 *Brooks & Ross Lumber Co. (Pine &
 Hemlock), 39 S La Salle
 Buckner Bros. Lumber Co., 332 S
 Michigan av
 *Burns Jno. E. Lumber Co. (Yellow
 Pine), 700 W Chicago av
 *Carey-Lombard Young & Co., 332 S
 Michigan av
 Carney Lumber Co., 2271 Blue Island
 av
 *Caryl A. H. (Commission Mer-
 chants), 11 S La Salle
 *Chicago Lumber & Coal Co., 11 S La
 Salle
 *Chicago Mill & Lumber Co. (Lumber
 & Box Shooks), 111 W Washing-
 ton
 Columbia Hardwood Lumber Co. (Oak,
 Hardwoods), 2082 Dominick
 Consolidated Railway & Mill Supply
 Co., 327 S La Salle
 *Continental Piling & Lumber Co.
 (Piling & Heavy Timber), 112 W
 Adams
 *Cottage Grove Mfg. Co. (Sash, Doors,
 Blinds), 3912 Langley av
 *Crandall & Brown (Red Cypress),
 3300 S Racine av
 *Crane W. B. & Co. (Timber, Ties,
 Cedar Posts, Planks, etc), 913 W
 22d
 *Cross Clarence L. (La. Red Cypress),
 Monadnock blk
 *Darling Chas & Co. (Hardwood),
 1055 W 22d
 *Deacon J. C. & Co. (Pine), Loomis S
 of 22d
 *Deebes G. H. Lumber Co. (Yellow
 Pine, Mahogany, Hardwood, etc),
 80 E Jackson blvd
 Dermott Land & Lumber Co., Railway
 Exch.
 De Vries S. J. & Co., 840 W. 47th
 *Empire Lumber Co. (Cherry, Oak &
 Chestnut), 2034 Southport av
 *Fathauer Theo. Co. (Hardwood),
 1428 Cherry av
 *Flanner-Steger Land & Lumber Co.
 (Hardwoods, White Pine, Yellow
 Pine, etc.), 23 E Jackson blvd
 *Fourche River Lumber Co. (Soft
 Yellow Pine, Hardwood Lumber,
 Lath & Shingles), 5 N La Salle
 *Gillespie John Lumber Co. (Lumber
 & Seward), W 22d & Laffin
 *Goodman K. S. Co. (Pine, Hemlock,
 Hardwood, etc), 80 E Jackson
 blvd
 *Gillis & Co. (Lumber, Timber, Ties,
 etc), Heyworth bldg
 *Gourley Arthur & Co. (Pines), 11 S
 La Salle
 *Green Geo. Lumber Co., 22d & S
 Canal
 Gregersten Bros. Co. (Cypress &
 Tupelo), McCormick bldg
 Griffith Geo. D. & Co. (Northern Pine,
 Southern Yellow Pine & Hard-
 woods), 11 S La Salle

*Hayden & Westcott Lumber Co.
 (Plain & Quartered Sawed Oaks,
 Poplar, Rock Elm, Yellow Pine,
 etc), 80 E Jackson blvd
 *Herbert Wm. A. & Co., 11 S La Salle
 *Hettler Herman H. Lumber Co.
 (Maple Flooring "Monarch
 Brand"), 2601 Elston av
 *Hines Edward Lumber Co. (All
 Kinds), 2431 S Lincoln
 *Holt Lumber Co., 431 S Dearborn
 *Houston Geo. T. & Co. (Yellow Pine,
 Hardwood & Cypress), 80 E
 Jackson
 Howes Lumber Co., 545 W 71st
 International Lumber Co. (White
 Pine), 11 S La Salle
 *Keith Lumber Co. (Mahogany &
 Foreign Woods), 2350 Laffin
 Kemler Lumber Co., 1168 N Halsted
 *King W. O. & Co. (Yellow Pine,
 Maple, Cuban & Mahogany &
 Hardwood), 2453 Loomis
 *Kirby Lumber Co., 80 E Jackson
 blvd
 *Knudson & Mercer Lumber Co.
 White & Yellow Pine, Lath,
 Shingles, etc), 28 E Jackson blvd
 *Lane J. L. & Co. (Southern Pine &
 Hardwood), 11 S La Salle
 *Lesh & Matthews Lumber Co. (Na-
 tive & Hardwood), 140 S. Dear-
 born
 Lockwood & Strickland Co., 49th &
 Halstead
 *Lord & Bushnell Co. (Yellow Pine),
 2424 Laffin
 *Lowe, Perley & Co. (Pine & Hard-
 woods), 332 S Michigan av
 *Lyon Cypress Lumber Co. (Red Cy-
 press), 208 S La Salle
 Maisey & Dion (Hardwood & Cotton-
 wood), 2349 Loomis
 *Marsh & Bingham Co. (L. L. Yellow
 Pine; also Fir & Oak), 1405 W
 37th
 Mears-Slayton Lumber Co., 1237 Bel-
 mont av
 *Messinger Hardwood Lumber Co.
 (Hardwood), 2139 Elston av
 *Mickle Geo. T. Lumber Co. (Yellow
 Pine, Timber, etc), 30 N La Salle
 *Miller Jas. G. Lumber Co. (Commis-
 sion Merchants), 11 S La Salle
 *Mississippi Lumber Co. (Long Leaf,
 Yellow Pine), 332 S Michigan av.
 Mills: Quitman, Miss.
 *Morgan Sash & Door Co., 2287 Blue
 Island av
 *Nessen J. O. Lumber Co. (Yellow Pine
 & Southern Hardwoods), 122 S
 Michigan av
 *Oconto Co. (Hemlock, Hardwood,
 White Pine, etc), Ry. Exch. bldg
 Pacific Lumber Co. (Redwood), 3612 S
 Morgan
 *Paepcke-Leicht Lumber Co. (Box
 Shooks, Red Gums, Lumber, etc),
 111 W Washington
 *Paine Lumber Co., Ltd. (Mill Work),
 111 W Wash.
 Paltzer C. A. Lumber Co., 112 W
 Adams
 *Pate D. S. Lumber Co. (Long Leaf
 Yellow Pine), 11 S La Salle
 *Pike Dial Lumber Co., 2201 Loomis
 Pilsen Lumber Co., 2201 Laffin
 *Porter Frank Lumber Co. (Commis-
 sion Merchant), 11 S La Salle
 Pulaski Lumber Co., 1835 N Robey
 *Rittenhouse & Embree Co. (Oak &
 Maple Flooring), 3500 S Racine
 av
 Sargent Lumber Co., 112 W Adams
 Schultz & Cowen Co. (Oak, Pine &
 Cedar Poles, etc), Old Colony bldg
 *Soper Box Co. (Hardwood), 2204
 Loomis
 *Soper Lumber Co., 2204 Loomis
 *Spalding Lumber Co. (Lumber, Lath
 & Shingles), 208 S La Salle
 *Spry Lumber Co., 111 W Monroe,
 Stewart A. T. Lumber Co., 7801
 Greenwood av
 Stone Frank B., 80 E Jackson
 *Street-Chatfield Lumber Co., 1880
 Fullerton av
 *Thornton E. A. Lumber Co. (Box
 Shooks), 11 S La Salle
 *Tibbitts Cameron Lumber Co., 1808
 Greenleaf av
 *Trainer Bros. Lumber Co., Loomis
 S of 22d
 *Upham & Agler (Hardwoods),
 Throop S of 22d

*Ward Lumber Co. (Hardwood),
 Chamber of Commerce bldg
 *Wells R. A. Lumber Co. (Hardwood),
 234 S La Salle
 Wheelock Lumber & Mfg. Co., 1750 N
 Campbell av
 *White Lake Lumber Co., 122 S
 Michigan av
 *White Lumber Co. (Hardwood), 1500
 Webster av
 *White Star Lumber Co. (Hemlock &
 Cedar), 11 S La Salle. Mills:
 Mattoon, Wis.
 *Wilce T. Co. (Maple & Hardwood
 Flooring, Polished & Matched
 Ends), 2209 Throop
 *Willey C. L. (Mahogany & Foreign
 & Domestic Hardwoods), 2558 S
 Robey
 *Wisconsin Lumber Co. (Oak, Cotton-
 wood, Elm, Sycamore, Cypress,
 Gum, Ash & Soft Maple), 606 S
 Michigan av. Mills: Deering, Mo.
 *Wood Geo. E. Lumber Co. (Wis.
 Pine), 230 S La Salle
 *Worcester C. H. Co. (Hemlock &
 White Cedar), 19 S La Salle
 *Wuichet Louis (White Pine, Sugar
 Pine & Soft Pine), Ry Exch bldg
 DANVILLE—Danville Lumber Co.
 Hooten Chas. B.
 Trent Bros.
 DECATUR—*Lyon G. S. & Sons Lumber
 & Mfg. Co.
 EAST ST. LOUIS—Chicago Lumber & Coal
 Co. (Yellow Pine Mfrs.)
 *East St. Louis Lumber Co., 2022
 State
 *Goedde B. & Co., Weber & Illinois
 av
 ELGIN—Rinehimer Bros. Mfg. Co.
 GALESBURG—*Simpson Jas. C. & Co.
 GOLDEN—Golden Lumber & Contracting
 Co.
 HOOPESTON—Moore & McFerren (Saw
 Mill, Lumber & Cottonwood Box
 Shooks)
 KARNAK—*Main Bros. Box & Lumber
 Co.
 KELL—Hays O. G. (Saw Mill)
 LA SALLE—Hunter, Stevens & Co.
 McLEANSBORO—*Wright T. B. & Son
 MATTOON—*Gabbert Lumber Co. (Lum-
 ber & Planing Mill)
 MOLINE—*Dimock, Gould & Co.
 MOUND CITY—*Williamson-Kuny Mill &
 Lumber Co. (Southern Hard-
 woods, Long Oak Timber, Lath)
 NEBO—Minier Bros.
 PEORIA—Knetzger Chas. Lumber Co.
 *Lord Lee H. & Co.
 Miller Joseph & Sons (Lumber &
 Contractors)
 Proctor J. C. Lumber Co.
 PERU—Maze W. H. Co. (Planing Mill)
 QUINCY—*McKee W. I. Lumber Co.
 (Fir, Spruce, Cedar, Redwood &
 Idaho White Pine)
 *Menke-Grimm Planing Mill Co.
 Moller & Vanden Boom Lumber Co.
 ROCKFORD—*Green Bros. Box & Lbr.
 Co.
 *Parsons Lumber Co.
 *Smith-Du Plain & Crumb Co.
 *Stone P. F.
 ROCK ISLAND—*Rock Island Lumber &
 Mfg. Co. (Lumber, Lath & Shin-
 gles)
 *Weyerhaeuser & Denkmann Co.
 (White Pine)
 SPRINGFIELD—Eielson A.
 Schuck J. H. & Son
 VANDALIA—Sonneman C. G. & Son
 WINCHESTER—Hunter, Allen & Co.

INDIANA.

ANDERSON—Atherton M. Sons (Planing
 Mill)
 Winters, Mercer & Brannum Lumber
 Co.
 ARGOS—*Schafer Louis N. (Saw Mill)
 ATTICA—Attica Lumber Co.
 BATESVILLE—Hillenbrand (The) Co.
 BATH—*Brier John T. (Saw Mill)
 BERNE—Berne Lumber Co. (Saw Mill)
 BIRDS EYE—Southern Indiana Mfg. Co.
 (Spokes & Bldg Material)
 BLOOMINGTON—Fulwider W. A. Co.
 (Lumber)
 BLUE RIDGE—*Marshall T. J. (Saw
 Mill)
 BLUFFTON—Cline Tribolet Lumber Co.
 *Ditzler Hardwood Co. (Hardwood)
 Eaton Jas. B. (Lumber & Piling)

BOBO—*Colter Henry (Saw Mill)
 BOONVILLE—*White C. P. Lumber Co.
 (Hardwood, Quartered Oak Saw & Planing Mill)
 BRAZIL—Brazil Lumber Co.
 Keasey N. T. Lumber Co. (Saw Mill)
 Wilder E. D. & Co. (Planing Mill)
 BREWERSVILLE—Richardson J. B. & Son
 BROOKVILLE—Ferris John & Sons
 Planing Mill)
 CAMPBELLSBURG—*Stratton & Co.
 (Saw Mill)
 CANNELTON—*Zeller Bros. (Saw Mill)
 CLAYPOOL—Alexander G. M. (Saw Mill)
 COLUMBIA CITY—*Peabody S. J. Lumber Co. (Saw & Planing Mill)
 CONNERSVILLE—Connorsville Lumber Co.
 CONVERSE—*Murphy & Kenny (Lumber & Planing Mill)
 CRAWFORDSVILLE—Burkholder Saml. Lumber Co. (Hardwood)
 CROWN POINT—Root C. D.
 CUMBERLAND—Duncan Lumber Co. (Saw Mill)
 DARLINGTON—*Lynch W. B. (Lumber & Saw Mill)
 DECATUR—*Adams County Lumber Co. (Saw Mill)
 *Smith & Bell (Saw Mill)
 DUNKIRK—Dunkirk Lumber Co.
 DUPONT—Graston G. W. Milling Co. (Saw Mill)
 *Guthrie William A.
 EAST ENTERPRISE—*Truitt Wm. P. & Son (Saw Mill)
 ELKHART—*Elk Valley Lumber Co.
 Monger C. L. Co. (W. & Com. Lumber)
 *Monger R. W. Co.
 ELWOOD—Heffner Lumber & Coal Co. (Saw & Planing Mill)
 Winters Lumber Co.
 EVANSVILLE—Cutsinger F. M. (Saw Mill)
 Evansville Planing Mill Co. (Saw Mill)
 Fullerton-Powell Hardwood Lumber Co.
 *Helfrich Lumber & Mfg. Co.
 *McFerson & Foster Co. (Cottonwood, Poplar Box Shooks)
 *Maley & Wertz (Hardwoods, Quartered Oak & Saw Mills)
 *Reitz Clemens Sons Co. (Saw Mill)
 *Reitz John A. & Sons (Saw Mill)
 *Schultze, Walthan & Co. (Saw & Dimension Mill)
 *Von Behren Mfg. Co. (Spokes & Bentwood)
 *Wolfen-Luhning Co. (Yellow Pine & Southern Hardwoods)
 FERDINAND—*Beckman & Sauer (Saw & Planing Mill)
 *Bolte Ben & Son (Saw Mill)
 FLORA—*Flora Saw Mill Co. (Saw Mill) ply Co.
 FORT WAYNE—Fort Wayne Builders Sup-
 *Fort Wayne Lumber Co.
 Franke H. (Planing Mill)
 *Gilmartin Edw. & Sons (Hardwood & Planing Mill)
 Halker Bros. (Saw Mill)
 *Hoffman Bros. Co. (Hardwood & Veneers)
 Klett Jacob & Sons (Planing Mill)
 *Mossman Wm. E.
 *Perrine-Armstrong Co. (Long Timber, etc)
 FOWLER—Evans & Calloway
 GOSHEN—*Irwin Jno. W. (Est. of)
 *Sanders & Egbert Co. (Hardwood)
 *Young-Greene Lumber Co. (Hardwood)
 GOSPORT—*Sanders A. J. Sons (Saw Mill)
 GREENCASTLE—*Barnaby C. H. (Hardwoods and Oak Veneers)
 GREENTOWN—*Cuthrell John A. (Saw Mill)
 HAGERSTOWN—Keagy Henry W.
 Werking John E. (Saw Mill)
 HAMBURG—*Bramlage, Louis (Saw Mill)
 HARTFORD CITY—*Willman Lumber Co. (Saw Mill & Lumber)
 *Winklebeck & Waters (Saw Mill & Hardwood Lumber)
 HUNTINGBURG—*Stimson J. V. (Saw Mill)
 HUNTINGTON—Kenower John & Sons
 Hardwood & Planing Mill)
 INDIANAPOLIS—*Bachman F. M. Co.
 Madison av c Lincoln
 *Buddenbaum Lumber Co.
 *Capitol Lumber Co.

*Carter-Lee Lumber Co., 1621 W Washington
 *Dickson Jas. C. (Oak, Ash & Poplar), 936 E Vermont
 *Dynes-Pohlman Lumber Co.
 Eaglesfield & Shepard
 *Eichholtz Geo. W. & Son
 *Foster R. S. Lumber Co. (Hardwood, Veneered Doors, Mantels, Stairways, etc)
 *Greer-Wilkinson Lumber Co.
 *Guthrie William A.
 *Indianapolis Manufacturers' & Carpenters' Union (Pine, Poplar & Ash)
 *Long-Knight Lumber Co. (Plain & Quartered Oak, White Ash, etc), 1025 Lewis
 Maas-Neimeyer Lumber Co.
 *Michigan Lumber Co. (Long Joist & Heavy Timber), 929 E St. Clair
 *Pinnell J. W. & Co., 230 E Ohio
 *Talgie Mahogany Co., 1101 E 13th
 *Walnut Lumber Co. (Hardwood), 1635 W Michigan
 KOKOMO—*Armstrong-Landon Co. (Hardwood & Pine)
 Indiana Lumber Co.
 LAFAYETTE—*Lafayette Lumber Co.
 LA PORTE—*Wise H. (Saw Mill)
 LENA—*Brattain E. C. (Saw Mill)
 LOGANSPOUT—Fernald Willmont L. (Saw Mills)
 MARION—*Barley & Spencer Lumber Co.
 *Marion Lumber Co.
 MENTONE—*Central Lumber Co. (Saw Mill)
 MICHIGAN CITY—*Colburn A. R. & Co.
 MONTPELIER—Bryson D. A. (Saw Mill)
 MOUNT SUMMIT—*Ice F. P. & Son (Saw Mill)
 MUNCIE—Kirby-Wood Lumber Co.
 Muncie Lumber Co.
 NAPOLEON—*Grow F. J. (Saw Mills)
 NEW ALBANY—*Roberts & Conner Co. (Veneer & Lumber)
 Wood Mosaic Flooring Co. (Hardwood Lumber & Oak Flooring)
 NEW POINT—*Puttmann John J. (Saw Mill)
 NORTH VERNON—*Cone Jos. D (Spokes, etc)
 *Litchfield Bros. (Hardwood)
 *North Vernon Lumber Co. (Hardwood)
 PERU—*Eisaman & Richer (Saw Mill)
 PLEASANT LAKE—*Goodwin Lumber Co.
 PLYMOUTH—*Morris C. L. (Saw & Planing Mills)
 PORTLAND—*Adams D. L. (Staves & Headings)
 North, Frazier & Co. (Saw Mill)
 RICHMOND—*Johnson B. & Son (Lumber, Piles & R. R. Ties)
 *Kramer C. & W. Co. (Hardwood)
 ROCKVILLE—*Ferguson Lumber Co. (Planing Mill)
 RUSHVILLE—*Case Jasper D. (Hardwood)
 Pinnell & Tompkins Lumber Co.
 SALEM—*Crim C. M. & Son
 *McCowen H. A. & Co.
 SHELBYVILLE—Stroup S. P. Lumber Co.
 *Swain-Karmire Lumber Co.
 SHERIDAN—*Palmer George H. (Saw Mill)
 SOUTH BEND—*Fullerton-Powell Hardwood Lumber Co. (Hardwood & Box Lumber)
 TERRE HAUTE—*Hooton Lumber Co.
 TYNER—*Powell Charles H. (Saw Mill)
 VINCENNES—*Maley & Wertz (Saw Mill)
 Urdike J. B. & Co. (Saw Mill)
 WASHINGTON—*Murdock Lumber Co. (Hardwood Lumber & Veneers, Fancy Figured Quartered Oak a Specialty)
 WOODBURN—*Woodburn Lumber Co. (Saw Mill)

IOWA.

BELLEVUE—*Bittner Louis Lumber Co. (Hardwood)
 *Dorchester & Hughey (White Pine)
 BOONE—Fehleisen-Rosacker Lumber Co.
 BURLINGTON—*Burlington Lumber Co. (White Pine)
 *Gilbert Hedge Lumber Co.
 *Nairn, Gillies Co. (Sash & Door Factory & Planing Mill)
 Rand Lumber Co.

CEDAR RAPIDS—*Canfield Lee Lumber Co.
 Cedar Rapids Lumber Co.
 Fay Bros. & Co.
 Limback & Jeffrey
 Williams & Hunting Co. (Planing Mill)
 CLINTON—*Curtis Bros. & Co. (Mill Work, Pickets, Flooring, Siding, Ceilings, etc)
 Peterson, Bell & Co. (Box Shooks & Crates, etc)
 CORYDON—Corydon Lumber Co.
 COUNCIL BLUFFS—*Bluff City Lumber Co.
 Hafer C. Lumber Co.
 *Hoagland Geo. A.
 *Quinn H. A. Lumber Co.
 DAVENPORT—*McClelland T. W. Co.
 *Mueller Lumber Co. (Planing Mills, Yellow Pine, White Pine, Fir, Cypress Lath, Moulding)
 *Roberts U. N. Co.
 *Seiffert H. O. Lumber Co. (Shingles), *Weyerhaeuser & Denkmann Co.
 DES MOINES—Church W. C. Lumber Co. (White Cedar Poles & Posts)
 *Gilcrest J. K. & W. H. Co.
 *Green Bay Lumber Co.
 Jewett Lumber Co.
 *Queal J. H. & Co.
 *Wheeler Lumber Bridge & Supply Co.
 *Wisconsin Lumber Co.
 DUBUQUE—*Ernsdorff John Iron Co. (Hardwood Only)
 *Farley & Loetscher Mfg. Co. (Sash, Doors, Blinds)
 *Metz Mfg. Co. (Sash, Dors, Blinds, etc)
 *Standard Lumber Yard Co.
 FORT DODGE—Conway Lumber Co.
 Mason & O'Connell
 FORT MADISON—*Atlee S. & J. C. (White Pine)
 HARLAN—Dow & Sandham
 HAWARDEN—Schoeneman Bros. Co.
 INDIANOLA—Harlan J. M. Lumber Co.
 KEOKUK—Carter Phelps Mfg. Co.
 Schmidt Henry & Sons Co.
 *Taber Lumber Co.
 LEHIGH—*Harrington S. W.
 MANCHESTER—*Wolcott Bros. (Lumber & Shingles)
 MARSHALLTOWN—Buchwald Chas. A. Lumber Co.
 Cartwright T. C.
 Citizens Lumber Co.
 MISSOURI VALLEY—Deur C. H.
 MUSCATINE—*Muscatine Lumber & Coal Co.
 NEWTON—*Skow Mfg. Co.
 OSKALOOSA—*Hawkeye Lumber Co.
 Kalbach Lumber Co.
 OTTUMWA—Fletcher Lumber Co.
 McGavie S. L. Lumber Co.
 REINBECK—Porter Lumber Co.
 SIOUX CITY—Ford Lumber Co.
 *Fullerton Lumber Co.
 Spaulding Avery Lumber Co.
 WATERLOO—*Chapman C. W. Lumber Co.
 Gronen & Cowan
 *Iowa Lumber Co.
 *Jackson Lumber & Supply Co. (Shingles & Lumber)
 *Naumann Co.
 Waterloo Lumber Co.

KANSAS.

ATCHISON—*Carlisle Pennel Lumber Co.
 CHANUTE—Chanute Lumber Co.
 HUTCHINSON—*Hutchinson Lumber & Planing Mill Co.
 IOLA—Northrup Lumber Co.
 KANSAS CITY—Ellis John W. (Planing Mill)
 LEAVENWORTH—Lambert Lumber Co.
 NEWTON—Swartz S. M., Lumber Co.
 OLATHE—Hodges Bros.
 PITTSBURGH—Sandford-Robinson Lumber Co.
 ROSSVILLE—*Thomas J. & Co.
 TOPEKA—*Central Sash & Door Co.
 *Thomas J. & Son
 WICHITA—*Louisiana Red Cypress Lumber Co.
 Western Planing Mill Co.
 *Wichita Sash & Door Co.

KENTUCKY.

ARLINGTON—Arlington Lumber Co.
 ASHLAND—*Ashland Lumber Co.
 *Dawkins W. H. Lumber Co. (Wholesale Poplar & Oak)

*Herrmann H. Lumber Co.
*Standard Planing Mill & Bldg Co.
*Vansant, Kitchen & Co.
*Wright, Kitchen Lumber Co. (Yellow Poplar, Oak, Ash, Pine, etc)
BARBOURSVILLE—*Minton T. W. & Son (Hickory Dimension Stock)
*Rathfon, Scent & Co.
BENTON—Treas. Lumber Co.
BONNIEVILLE—Stamp J. M. (Saw Mill)
BOONSBORO—Stevens H. L. (Saw Mill)
BOWLING GREEN—Kister F. L., Jr. (Saw & Planing Mill)
*Roemer Bros. (Planing Mill)
Russell J. N. Lumber Co.
BRADFORDSVILLE—Terhune's B. Sons (Saw Mill)
BURNSIDE—*Kentucky Lumber Co. (Lumber & Saw Mill)
CADIZ—*Woodruff Planing Mill Co.
CAMPBELLSVILLE—*Campbellsville Lumber Co. (Hardwood)
CANEYVILLE—Bond W. T. (Cross Ties & Lumber)
CARROLLTON—*Adkinson Bros. Co.
CATLETTSBURG—*Nigh S. H. & Bro.
CENTRAL CITY—*Central City Lumber & Mfg. Co.
COVINGTON—*Hellmann Lumber & Mfg. Co. (Planing Mill, etc)
DANVILLE—*Danville Lumber & Mfg. Co.
ELIZABETHTOWN—Bond Bros. (R. R. Crossties)
FRANKFORT—Capital Lumber & Mfg. Co. (Planing Mill)
*Kenney B. E. Lumber Co. (Saw Mill)
FROZEN CREEK—Day J. Taylor (Staves & Ties)
FULTON—Swain-Karmire Lumber Co.
GLASGOW—*Lewis-Wilson-Hicks Co.
*New Glasgow Planing Mill Co. (Hardwood Lumber & Bevel Siding, Oak & Beech Flooring)
*Redman Wm. (Staves)
Smith J. N.
HAZEL—*White J. T. & Son
HAZEL GREEN—Day J. Taylor
HENDERSON—*Clare Joseph O. & Son (Lumber, Saw & Planing Mills)
*Rankin Lumber Co. (Saw Mill)
HIGHBRIDGE—Hughes J. D. Lumber Co. (Saw & Planing Mill)
HIGHLAND PARK—*Gamble Bros.
HITCHINS—Eastern Kentucky Lumber Co.
HOPKINSVILLE—*Forbes Mfg. Co.
IRVINE—Snowden A. D. & Bro. (Saw Mills)
JACKSON—*Day Lumber & Coal Co. (Hardwood)
KEAVY—Storm S. L. (Lumber, Staves & Ties)
Storm John (Saw Mill)
KINGS CREEK—Field A. J. & Son (Saw Mill)
KNOBLICK—Allen O. C. (Saw Mill)
LANCASTER—*Lancaster Lumber & Mfg. Co.
LEBANON—*Lebanon Lumber Co.
LEXINGTON—*Blue Grass Lumber Co.
*Curran Lumber Company
Hendricks-Moore-Young Co.
*Louise Lumber Co.
*Spotswood E. R. & Son (Hardwood)
LIMABURG—Rouse J. S. (Saw Mill)
LIVERMORE—*Quigg Mfg. Co. (Staves)
LONDON—*London Mfg. Co. (Lumber)
*Murphy D. B. & Co.
LOUISA—*Northrup Jay H. (Ties, Lumber, Staves)
LOUISVILLE—*Central Planing Mill & Lumber Co.
*Comstock L. H.
*Davis E. L. Lumber Co. (Hardwood)
Gage W. M., 735 W Green
*Gamble Bros. (Yellow Pine, Yellow Poplar, Hardwood)
*Gernert Bros. Lumber Co. (Saw Mill)
*Graham S. P. Lumber Co., 810 Magazine
*Kirwan Bros. (Saw Mill), Fulton & Adams
*Koehler Hy. & Co. (Planing Mill, Hardwood, Yellow Pine, etc), 12th & B'way
Louisville Point Lumber Co. (Saw Mill), 1138 Fulton
Mehler & Eckstenkemper Lumber Co. (Cedar), 901 Fehr av
*Norman Lumber Co. (Saw Mill, Hardwood, Ash, Oak, Poplar, Walnut, etc)

*Ohio River Saw Mill Co. (Saw Mill)
*Russell Frank B. (Beer Staves)
MARCELLUS—Poindexter C. K. (Saw Mill)
MARYDELL—Gregory M. (Saw Mill)
MONICA—Hieronymus G. D. (Saw Mill)
MOREHEAD—*Bradley S. M. (Mfr. & W. Lumber, Staves, etc)
MUD LICK—*Webb Wm.
MURRAY—*Hay Jas. P., Lumber Co.
NEWPORT—Voss Frank (Lumber & Planing Mill)
Weingartner's Jos Sons (Lumber & Planing Mill)
OWENSBORO—Owensboro Planing Mill Co. (Hardwood)
PADUCAH—*Faust J. H. & Co. (Thick Yellow Poplar)
*Ferguson & Palmer Co. (Hardwood, Red & White Oak, Poplar, etc)
Fooks Lumber Co.
*Langstoft-Orm Mfg. Co. (Saw & Planing Mill)
Sherrill-King Mill & Lumber Co. (Saw Mill)
Sherrill-Russell Lumber Co.
*Smith A. B. Lumber Co. (Cypress & Hardwood Lumber, etc)
PANOLA—Madison-Jackson-Estill Lumber & Development Co. (Hardwood Lumber)
PINEVILLE—*Asher A. J. (Saw Mill)
RICHMOND—*Richmond Lumber Co.
RINALDO—Mitchell J. W. (Saw Mill)
SALT LICK—Fell W. J. (S. Lumber, Staves)
Salt Lick Lumber Co. (Saw & Planing Mill)
SCOTTSVILLE—*Thompson, Wade & Co.
SOMERSET—*Edgett & Ellis Co.
*Winfrey Stave & Lumber Co.
TORRENT—*Day J. Taylor (Saw Mill)
VINEGROVE—Vinegrove Lumber Co.
WALTON—*Mayhugh J. D. Mfg. Co. (Lumber)
WINCHESTER—Scobee R. P. & Son Co. Winchester Lumber & Mfg. Co.

LOUISIANA.

ALBERTA—*Bienville Lumber Co. (Ltd.) (Yellow Pine)
ALDEN BRIDGE—*Strayhan J. F. (Saw Mill)
ALEXANDRIA—*Alexandria Lumber Co., (Ltd.) (Long Leaf Yellow Pine)
*Bail J. F. & Bro. Lumber Co. (Ltd.)
*Brenner Ferd. Lumber Co.
Enterprise Lumber Co. (Ltd.)
Hayslip & Dear
ALOHA—*Williams H. R. (Shingle Mill)
ANSLEY—*Davis Bros. Lumber Co. (Ltd.) (Yellow Pine)
ARABI—*St. Bernard Cypress Co. (Ltd.)
ARNAUDVILLE—Greig George
ATHENS—Pace W. H. (Saw Mill & Lumber)
ATLANTA—*Germain & Boyd Lumber Co. (Branch of Saginaw, Mich.)
BALDWIN—*Baldwin Lumber Co. (Ltd.) (Cypress)
BARHAM—*Pickering W. R. Lumber Co. (Yellow Pine)
BASKIN—*Baskin Lumber Co. (Saw Mill)
BACHELOR—*Northern Lumber Mfg. Co.
BAYOU CHICOT—Johnson Louis (Saw Mill)
BERNICE—Bernice Lumber Co. (Ltd.)
BOGALUSA—*Great Southern Lumber Co.
*Louisiana Lumber Co.
BOLINGER—*Bolinger S. H. & Co. (Ltd.) (Yellow Pine)
BONAMI—*King-Ryder Lumber Co. (Yellow Pine)
BONFOUCA—*Bayou Liberty Lumber Co. (Saw Mill)
BOWIE—*Bowie Lumber Co. (Ltd.) (Lumber & Shingle Mill)
BOYCE—*Boyce Lumber & Realty Co. (Saw & Planing Mill)
*Looney Rivers Lumber Co.
BREAUX BRIDGE—Begnaud J. W. (Lumber)
BROUSSARD—*Comeaux Lumber Co.
BRYCELAND—*Bryceland Lumber Co., Ltd.
BUNKIE—*Climax Lumber Co. (Hardwood)
Haas W. D. & Co. (Lumber & Saw Mill)
BURTON—*Burton-Swartz Cypress Co.
CHACAOULA—*Goodland Cypress Co. (Red Cypress). Office: New Orleans

CLARKS—Louisiana Central Lumber Co.
CLIFFORD—*Coyle H. J. (Saw Mill)
COLFAX—*Big Pine Lumber Co. (Ltd.)
*Colfax Hardwood Lumber Co. (Hardwood)
Iatt Lumber Co., Ltd.
*Sabine Lumber Co. (Yellow Pine). Office: St. Louis, Mo.
COTTON VALLEY—Porter-Wadley
COUSHATTA—Corley W. C. (Saw Mill)
DELHI—*Weis & Lesh Mfg. Co., (Branch of Muncie, Ind.)
DENHAM SPRINGS—Brown W. F. & Sons (Saw Mill)
DE RIDDER—*Hudson River Lumber Co. (Yellow Pine)
DONNER—*Dibert, Stark & Brown Cypress Co. (Ltd.) (Cypress Lumber Lath & Shingles, Mouldings, Finish & Pickets, Hewn & Sawn Ties & R. R. Timbers, etc.)
DOSSMAN—Hellmer R. M. (Saw Mill)
DUBACH—*Dubach Lumber Co. (Ltd.) (Long & Short Leaf Yellow Pine)
DUNN—*Cook Fred
EDNA—*Powell Lumber Co. (Saw Mill)
ELBA—*Evans W. S. & Son (Saw Mill)
ELIZABETH—*Industrial Lumber Co. (Saw Mill)
FISHER—*Louisiana Long Leaf Lumber Co. (Yellow Pine)
FRANKLIN—*Kyle Lumber Co. (Ltd.) (Cypress)
FRANKLINTON—*Fordney Fassett Co.
*McCreary Lumber Co. (Saw Mill)
FROZARD—*Oliver A. C. (Saw Mill)
GALBRAITH—*Louisiana Lumber & Shingle Co., Ltd.
GARDEN CITY—Hanson Albert Lumber Co. (Ltd.) (Saw Mill)
GARYVILLE—*Lyon Cypress Lumber Co. (Red Cypress)
GENESEEE—Genesee Lumber Co.
GLENMORA—*Kirkpatrick Lumber Co. (Ltd.)
Louisiana Saw Mill Co. (Southern Yellow Pine, Cypress)
GOODPINE—*Good Pine Lumber Co. (Saw Mill)
GUY—*Hurricane Creek Lumber Co. (Saw Mill)
HAMMOND—Hammond Lumber Co. (Ltd.)
*Natanbany Lumber Co. (Ltd.) (Yellow Pine)
HARVEY—*Louisiana Cypress Lumber Co. (Ltd.) (Red Cypress, Lumber & Shingles)
HODGE—*Hule-Hodge Lumber Co. (Ltd.)
HOLDEN—*McCaroll Lumber Co. (Ltd.) (Saw Mill)
HOLLY RIDGE—*Norman Lumber Co. (Branch of Louisville, Ky.)
HOULTONVILLE—*Houlton Lumber Co. (Saw Mill)
HUTCHINSON—*Bayou Blue Lumber Co.
INDEPENDENCE—Day E. H. (Saw Mill)
Independence Veneer & Box Mfg. Co. (Ltd.)
JEANERETTE—*Bourgois & Beaulien (Loggers)
Jeanerette Lumber & Shingle Co. (Ltd.) (Cypress)
*Planters' Lumber Co. (Ltd.) (Cypress, Lumber, etc)
JENA—*White Sulphur Lumber Co. Ltd.
JONESBORO—*Autoine Lumber Co. Ltd.
*Tremont Lumber Co.
KENTWOOD—*Brooks-Scanlon Co. Lumber Mfrs. (Long Leaf Yellow Pine, Band & Gauged, Sawed Planing (Mill Work, etc.)
*Kent Amos Lumber & Brick Co. (Ltd.) (Yellow Pine)
KINGSTON—*Kingston Lumber Co.
LAARK—*Kimball Lumber & Mfg. Co.
LAKE ARTHUR—*Bomer-Ferguson Co. (Ltd.)
LAKE CHARLES—*Bel J. A. Lumber Co. (Ltd.) (Yellow Pine)
*Calcasieu Long Leaf Lumber Co.
*Hodge Fence & Lumber Co. (Ltd.) (Saw Mill, Lumber, Fencing & Yellow Pine)
*Lyons Lumber Co. (Ltd.)
*Martin Tram Co. (Logging)
*Powell Lumber Co. (Ltd.) (Lumber, Yellow Pine & Saw Mill)
Stout J. C. Lumber Co. (Saw Mill)
LEESVILLE—*Nona Mills Co. (Ltd.) (See Beaumont, Tex.)
*Nona Mills Co. (Ltd.) (Yellow Pine)
*Roberts Lumber Co.

LOFTON—*Bradford-Kees Lumber Co. (Ltd.)
 LONG LEAF—*Crowell & Spencer Lumber Co. (Ltd.) (Yellow Pine)
 LONGSTREET—*Holmes L. T. (Saw Mill)
 *Longstreet Lumber Co. (Ltd.)
 *Washburn Lumber Co.
 LONGVILLE—*Longville Lumber Co. (Saw Mill)
 LOTTIE—*Levert Lumber & Shingle Co. (Ltd.)
 Wilson & Cochran (Cypress)
 LUDINGTON—*Ludington Lumber Co.
 LUTCHER—*Lutcher & Moore Cypress Lumber Co. (Ltd.) (Red Cypress)
 McELROY—*Ascension Red Cypress Co. Ltd.
 McNARY—*Cady W. M. Lumber Co. (Yellow Pine)
 MACLAND—*McDonald Bros.
 MADISONVILLE—Dendinger Theo. (Saw Mill)
 MANDEVILLE—Poitevent & Favre Lumber Co. (Southern Yellow Pine)
 MANGHAM—*Stewart-Greer Lumber Co.
 MANSFIELD—*Frost-Johnson Lumber Co. (Branch of Shreveport)
 *Mansfield Lumber Yards (Branch of Sears, Roebuck & Co., Chicago, Ill.)
 MAYNA—*Red Star Lumber Co. (Ltd.) (Saw Mill)
 MERRYVILLE—*American Lumber Co.
 MIDLAND—*Callahan Lumber Co. (Ltd.) (Planing Mill & Lumber)
 MINDEN—*Minden Lumber Co.
 MOBERLY—*Cummings-Moberly Cypress Co. (Saw Mill)
 MONROE—*Grayling Lumber Co. (Branch of Detroit, Mich.)
 *Hardwood Mfg. Co.
 *Monroe Shingle Co. (Shingle Mill)
 *North Louisiana Shingle Co. (Ltd.) (Shingle Mill)
 MORGAN CITY—*Brownell-Drews Lumber Co. (Ltd.) (Cypress Lumber & Shingles)
 Chapman-Storm Lumber Co. (Shingles)
 *Cotton Bros. Cypress Co. (Ltd.) (Lumber & Shingles)
 MORLEY—*Morley Cypress Co. (La. Cypress)
 MYRTIS—*Southern Lumber Co.
 NAPLES—*Naples Lumber Co. (Ltd.) (Saw Mill)
 NAPOLEONVILLE—*Napoleon Cypress Co. (Ltd.)
 NATALBANY—*Natalbany Lumber Co. (Ltd.) (Yellow Pine)
 NATCHITOCHES—*O'Quinn-Williams Lumber Co. (Ltd.)
 NEW IBERIA—*Gebert Shingle Co. (Ltd.) (Cypress Lumber & Shingles)
 *Renoudet P. L. Lumber Co. (Ltd.) (Saw Mill)
 NEWLIN—*Strange W. G. Lumber Co. Ltd.
 NEW ORLEANS—*Acme Lumber Co., 1223 Hibernia
 *Ascension Red Cypress Co., Ltd.
 *Bateman J. B. Jr., Hibernia bldg
 *Berwick Lumber Co., Ltd., Cleo. & Freret
 *Boudreaux L. S.
 *Carre W. W. Co., Ltd. (Yellow Pine Exporters), 814 Hibernia bldg
 *Central Mfg. & Lumber Co. (Ltd.), S Salcedo & Perdide
 *Crescent Lumber Co., Ltd.
 *Downman R. H., Hibernia bldg
 *Forcheimer Hugo (Exporter, Logs, etc.), Whitney bldg
 Goodland Cypress Co., Hibernia bldg (Red Cypress. Mills: Chacahoula, La.)
 *Knoop Otto Lumber & Realty Co., 1217 Julia
 *Lambou & Noel Lbr. & Mfg. Co.
 *Lhote & Co., Whitney bldg
 *Louisiana Red Cypress Co., Hibernia Bank bldg (Rough & Dressed Red Cypress Lumber, Shingles, Mouldings, Lath, Pickets, etc.)
 *Maurepas Milling Co. (Saw Mill)
 *Moore Lucas E. Stave Co., Wels bldg (White Oak Cooperage Stock & Hardwood Lumber Co., etc.)
 *Opdenweyer-George Lumber Co., Perdido & Lopez
 *Otis Mfg. Co., Peters av & River (Mahogany)
 *Pointe Coupee Stave & Lumber Co.
 *Poitevent & Favre Lbr. Co., L. & L. & G. bldg

*Rees-Scott Co. (Ltd.), 911 Hibernia (Exporters, Staves & Lumber)
 *Roberts & Co., 1419 Gravier
 Robinson Lumber Co., 717 Whitney (Yellow Pine, Satin, Walnut, etc.)
 *Ruddock Orleans Cypress Co., Carrollton av & New Basin (Cypress Lumber)
 *Salmen Brick & Lumber Co., Ltd., Whit. bldg (Yellow Pine, Cypress Lumber)
 *Schut & Kiehn, Hennen bldg (Hardwood Exporters)
 *Southern Saw Mill Co., Ltd., Whitney bldg (Red Cypress)
 Standard Export Lbr. Co. (Yellow Pine), Whitney bldg
 Sutherland L. J. & Co. (Exporters Pitch, Pine, Timber, Staves)
 Thomas G. H. A. Co., Broad & Poydras
 Union Lumber Co.
 OAKDALE—Forest Lumber Co. (Cypress, Southern Yellow Pine)
 *Industrial Lumber Co. (Yellow Pine)
 PATTERSON—*Riggs Cypress Co. (Ltd.) (Lumber & Planing Mill)
 Williams F. B. Cypress Co. (Ltd.)
 PAWNEE—Pawnee Land & Lumber Co. (Cypress, Southern Yellow Pine)
 PICKERING—*Pickering W. R. Lumber Co. (Yellow Pine). (See Kansas City, Mo.)
 PLAQUEMINE—*Plaquemine Stave & Heading Co. (Ltd.)
 *Schwing Lumber & Shingle Co. Ltd. (Cypress)
 *Wilbert's A. Sons Lumber & Shingle Co. (Red Cypress, Lumber & Shingles)
 RAMOS—*Ramos Lumber Co. (Ltd.) (Red Cypress Lumber, Lath & Shingles)
 RANDOLPH—Summit Lumber Co. (Yellow Pine)
 REEVES—*Clear Creek Lbr. Co.
 RUSTON—*Adams J. A. & Sons Co. (Ltd.) (Staves)
 *Cleaton J. A.
 *Ruston Mfg. Co. (Planing Mill)
 ST. JOSEPH—*Case Lumber Co. (Ltd.)
 ST. MARTINSVILLE—*Burdin J. J. & Bro. (Lumber & Saw Mill)
 SALINE—*Payton Bros. Lumber Co.
 SELMA—*Grant Timber & Mfg. Co. (Ltd.) (Yellow Pine)
 SHREVEPORT—*Allen Mfg. Co. (Ltd.), (Yellow Pine Lumber, Cypress Pickets, Mouldings, Red Cypress Cisterns, etc.)
 *Bolinger S. H. & Co. (Ltd.), (Saw Mill & Planing Mills)
 *Bradford-Hicks Lumber Co.
 *Coleman Lumber Co. (Ltd.)
 *Commercial Lumber Co.
 *Frost-Johnson Lumber Co.
 *La Yellow Pine Co. (Shingles, etc.)
 *Nelson Jacks Lumber Co.
 *Peavy-Byrnes Lumber Co. (Calcasieu Long Leaf Virgin Pine)
 *Shreveport Lumber Co. (Hardwood)
 *Snyder Wagon Co., Ltd. (Saw Mill)
 *Victoria Lumber Co. (Ltd.), (Planing Mill, etc.)
 *Weaver Bros. (Saw Mills)
 *Werner Louis Stave Co.
 SORRENTO—Opdenweyer-Alcus Cypress Co.
 SPRINGFIELD—*Bakenridge Lumber Co. (Ltd.), (Saw Mill)
 TALISHEEK—*Ozone Lumber Co. (Ltd.)
 URANIA—Urania Lumber Co. (Ltd.), (Long Leaf Yellow Pine, R. R. Construction & Car Materials)
 VIVIAN—*Thomason W. J.
 WASHINGTON—Gibbens T. C. (Saw Mill)
 *Thistlewaite Lumber Co. (Ltd.), (Saw Mill)
 WESTLAKE—*Krause-Managan Lumber Co. (Ltd.)
 *Locke, Moore & Co. (Ltd.), (Long Leaf Yellow Pine)
 WEST MONROE—*West Monroe Mfg. Co. (Ltd.) (Sashes, Doors, etc.)
 WHITECASTLE—*Whitecastle Lumber & Shingle Co. (Ltd.), (Red Cypress)
 WINNFIELD—*Mansfield Hardwood Lumber Co.
 Tremont Lumber Co. (Yellow Pine)
 WINNSBORO—Steele & Johnson (Saw Mill)
 WOODWORTH—*Rapides Lumber Co. (Ltd.), (Yellow Pine)
 WYATT—*Wyatt Lumber Co. (Ltd.), (Yellow Pine)

YELGAR—*Bucley Lumber Co.
 ZIMMERMAN—*Bentley J. A. Lumber Co. (Yellow Pine)
 ZWOLLE—Sabine Lumber Co. (L. L. Yellow Pine)

MAINE.

ALEXANDER—*Dowdell George B. (Shingles)
 ALFRED—*Jordan B. C.
 ARROWSIC—*Crosby Bros. Co. (Saw Mill)
 ASHLAND—*Ashland Co.
 AUBURN—*Hutchins H., Wesley Co. (Basswood Veneer)
 *Winter Frank W.
 AUGUSTA—*Augusta Lumber Co. (Pine & Spruce Lumber, Lath & Shingles)
 BANGOR—*Cassidy John & Son Eastern Mfg. Co.
 *Morse & Co.
 BAR MILLS—*McKenney Chas. H.
 BATH—*Passmore H. T. (Lumber & Mill Work)
 *Rogers Bros.
 *Shaw M. G. Lumber Co.
 BINGHAM—*Lander & Ayer
 BRIDGTON—*Newcomb Geo. W.
 CALAIS—Eaton H. F. & Sons
 *Murchie Chas. F.
 CASCO—*Hancock S. O.
 ELLSWORTH FALLS—*Treworgy, Chas. J. (Stave Headings, Shingles & Box Shooks)
 *Whitcomb, Haynes & Whitney (Spruce & Hemlock Lumber, Lath & Shingles)
 GARDINER—*Gray Joshua & Sons (Lumber, Shingles & Lath)
 ISLAND FALLS—*Mattawamkeag Lumber Co.
 LEWISTON—*Pingree Samuel R. B.
 LIMESTONE—*Noyes A. L.
 MARS HILL—*York R. A.
 NEW GLOUCESTER—Chandler Bros.
 OLD TOWN—*Jordan Lumber Co. (Box Shooks & Lumber)
 *Wing-Engel Box Co. (House Finish, Box Shooks, etc.)
 PORTLAND—*Allen Wm. A. Co. (Wood Mantels, Tiling of all kinds, Posts, Rails, Columns, etc., House & Church Finish)
 *Berlin Mills Co. (Spruce Lumber, Clapboards, Shingles, Lath Pickets, Dimension Boards, etc.)
 *McDonald Mfg. Co.
 *Richardson, Dana & Co. (So. Pine, Cypress & Hardwood)
 PRESQUE ISLE—*Phair Thos. H.
 RUMFORD—*Dunton Lumber Co. (Saw Mill)
 SHAWMUT—*Shawmut Mfg. Co. (Lumber & Pulp)
 SHIRLEY MILLS—*Shirley Lumber Co.
 SOUTH BREWER—*Sargent's Lumber Co.
 SOUTH GARDINER—*Lawrence Bros. Co. South Gardiner Lumber Co.
 STRONG—Warren Hugh M.
 VAN BUREN—*Grand Isle Lumber Co. Lumber & Shingles)

MARYLAND.

BALTIMORE—*Alcock John L. & Co. (Exporters of Hickory, Oak, Poplar & Walnut), 1 S Gay
 *American Lumber Co. (Lumber & Shingles), 1407 Philpot
 *Asendorf J. H. & Co. (Ga., N. C. & Va. Yellow Pine), Stewart bldg
 Baer R. P. & Co. (Hardwood), Md. Casualty bldg
 *Burgan Wm. M. (N. C. Pine & Cypress & Shingles), American bldg
 *Canton Lumber Co. (Kiln Dried N. C. Pine, Ga. & Va. Sizes), Boston ft of Kenwood av
 *Carter David T. & Co. (Hardwood Mfrs.), Law bldg
 *Dill Harry H. (Hardwood), Equitable bldg
 *Dill Lewis & Co. (Long & Short Leaf Yellow Pine), Keyser bldg
 Duker Otto & Co. (Planing Mill), Fleet & Albemarle
 *Edwards B. W. & Sons (Short & Long Leaf Yellow Pine), 17 S Gay
 Georgia Pine Co. (Cedar & Pine), Elliott & Linwood av.

§Gilbert J. L. & Bro. Lumber Co.,
 E Falls & Eastern avs
 Grube Herman L. (Hardwood Lum-
 ber, Piling, Posts, Ties, Poles,
 etc), American bldg
 §Helse & Bruns Mill & Lumber Co.,
 600 S Caroline
 §Horstmeier Lumber Co. (N. C.
 Pine), Stiles & E Falls av
 *HOSKINS J. S. LUMBER MFG. CO.
 (Pine & Hardwood Lumber, Ties,
 Piling, Poles, Posts, Spars, Masts,
 Ship & Decking Timbers, Knees,
 Oregon Pine Bill Stuff, etc)
 Jackson E. E. Lumber Co. (Long Leaf
 Yellow Pine), Keyser bldg
 *James Lumber Co., 921 Aliceanna
 Johnson, Greenleaf & Son (Rough N.
 C. Pine & Hardwoods), Marine
 Bank bldg
 Lafayette Mill & Lumber Co., Lafay-
 ette av & P B & W R R
 §Matthews Thos. & Son (Timber,
 Yellow, White & Oregon Pine,
 Cypress, Oak & California Red-
 wood), Fleet & Albemarle
 Merryman, Ridgeway (Va. & N. C.
 White Pine & Cypress), Marine
 Bank bldg
 §Natwick J. & Co. (Hardwoods),
 Munsey bldg
 Price J. McD. (Hardwood), Knicker-
 bocker bldg
 §Price & Heald (Hardwood), Marriott
 & Decatur
 §Ryland & Brooks Lumber Co. (Va.,
 N. C. & Ga. Pine & Hardwood
 Framing Board & Dressed Lum-
 ber), American bldg
 *Shryock Thos. J. & Co. (Pine, Hard-
 wood, etc), 717 S Caroline
 *Sloan Lumber Co. (N. C. Pine &
 Flooring Mouldings, etc), 414
 Light
 *Surry Lumber Co., Union Trust bldg
 §Wagner Lewis Co. (Long & Short
 Leaf Yellow Pine), Wolfe &
 Thames
 §Waters Geo. E. & Co., 922 Park av
 §Whitmer Wm. & Sons, Equitable
 bldg
 §Womble Pembroke M. (Cedar, Pine,
 etc), Elliott & Linwood av
 *Wood R. E. Lumber Co. (Hardwood),
 Continental Trust bldg
 BERWYN—Bewley Geo. P. (Saw Mill)
 BETHLEHEM—Messick A. J. (Saw
 Mill)
 BRANDYWINE—Robinson Aquila T.
 (Lumber & Ties)
 CAMBRIDGE—Cambridge Mfg. Co.
 (Lumber, Barrels, etc)
 CUMBERLAND—Mertens' F. Sons
 (Lumber, Building Materials,
 etc)
 *Smouse Thos. F. (White Oak, Car,
 Lumber)
 *Union Lumber Mfg. Co.
 HAGERSTOWN—Dennison Lumber Co.
 SALISBURY—Adkins E. S. & Co. (Inc.),
 (Lumber, Flooring, Box Shooks,
 etc)
 Day Wm. M. (Saw Mill)
 *Bowning Wm. J.
 *Jackson Bros. Co.
 *Miller W. B. & Co. (Lumber & Saw
 Mill)
 *Tilghman Wm. B. Co. (Shingles, etc)
 *Williams L. E. & Co.

MASSACHUSETTS.

BOSTON—Atlantic Lumber Co. (Hard-
 woods, Whitewood, N. C. Pine),
 70 Kilby
 §Barker Wm. G. Co., 141 Milk.
 §Barker & Co. (Pine, Spruce, Cypress,
 Whitewood), 53 State
 §Bearse O. & Son Co. (Mahogany &
 Hardwood), 79 Milk
 §Bickford H. M. Co. (Poplar, Hard-
 wood & N. C. Pine), 70 Kilby
 *Blacker & Shepard Co., 409 Albany
 §Blanchard Lumber Co., 126 State
 §Boston Lumber Co. (Pine & Hard-
 wood), 79 Milk
 §Boston Oregon Mast Co. (Pacific
 Coast Lumber Products Decking
 Lumber, Red Cedar, Shingles,
 Masts, Spars & Piling), 131 Cole-
 ridge
 §Buzzell E. H., 71 Kilby
 §Chester W. R. & Co., 89 State
 §Clapp Alfred, 112 Water

§Connecticut Valley Lumber Co.
 (Spruce, Pine, Hemlock &
 Hardwoods), 147 Milk
 §Curtis Wm. Sons Co., 30 Eustis
 §Curtis & Pope Lumber Co., 774 Al-
 bany
 Cypress Lumber Co. (Band Sawed
 Gulf Cypress, Long Leaf Yellow
 Pine, Poplar & Cottonwood, etc),
 88 Broad
 §Davenport Peters Co., 70 Kilby
 §Furber, Stockford & Co., 89 State
 §Godfrey L. N. Co. (Pine, Poplar &
 Maple & Oak Flooring), 60 Con-
 gress
 §Goldsmith F. L. (Mahogany & Cab-
 inet Wood), 19 Chardon
 §Hall Lumber Co. (Northern, East-
 ern & Southern Lumber), 101
 Milk
 §Hammond Edw J. Co. (Hard & Soft
 Wood), 79 Milk
 §Haskins Wm. & Son, 110 State
 *Huckins P. S. Co. (Georgia Yellow
 Pine), 40 Central
 §Hurd Jos. A. Lumber Co. (Pine,
 Hardwood Lumber, Cedar
 Shingles, Dark Timber, etc.) 53
 State
 §James E. B. Lumber Co., 40 Central
 §James & Abbott Co., 155 Milk
 §Johnson L. S. Co. (Mahogany & Cab-
 inet Wood), 414 Albany
 §Jones Hardwood Co. (Hardwoods,
 Cypress & Yellow Pine Flooring),
 33 Broad
 §Lawrence & Wiggin (Ind. & South-
 ern Hardwood & Imp. of Mexican
 Mahogany), 50 Terminal
 §Litchfield Wm. E. (Hardwood), 70
 Kilby
 §McQuesten Geo. Co., 27 Kilby
 *Macaulay Geo. W. (Builders' Finish),
 385 Albany
 §Noyes Walter D., 33 Broad
 §Palmer & Parker Co. (Mahogany,
 Hardwood Lumber & Veneers),
 103 Medford Chan
 §Parker & Page Co. (N. C. Pine,
 Cypress & Hardwood), 40 First,
 E. C.
 *Richardson A. H. Lumber Co.
 (Spruce, Hemlock & Pine), 176
 Federal
 §Shepard & Morse Lumber Co. (Cy-
 press & Hardwood), 201 Devon-
 shire
 *Skillings, Whitneys & Barnes Lum-
 ber Co., 79 Milk
 St. Croix Paper Co. (Spruce & Hem-
 lock Boards), 244 Washington,
 Boston, Mass.
 *STEARNS A. T. LUMBER CO. (Cy-
 press, Yellow Pine, Ash & Other
 Wood, Doors, Sash, Blinds, Build-
 ing Trim, Cabinet Work, Flooring,
 shingles, Tanks, etc), 100 Tay-
 lor, Neponset
See adv index at end of book
 §Stebbins H. B. Lumber Co., Mason
 bldg.
 §Stetson, Cutler & Co., 70 Kilby
 §Stone Lumber Co., 50 Congress
 Weston W. M. Co. (Hardwood), 120
 Milk
 §Wiggin H. D. (Hardwood), Fiske
 bldg.
 §Wood Jas. A., Ames bldg.
 CAMBRIDGE—Wood Wm. H. Lumber
 Co.
 §Wood W. H. Lumber Co. (Hardwood)
 FALL RIVER—Erickson G. & Bro. (Saw
 & Planing Mill)
 *Prosser Wm. & Son
 FITCHBURG—Priest C. A. Lumber Co.
 (Laths, Clapboards, Shingles,
 Lumber, etc)
 LAWRENCE—Lawrence Lumber Co.
 (Lumber & Mfr. Boxes)
 *Pingree D. W. Co. (Lumber & Mfr.
 Boxes)
 LOWELL—Allen Otis & Son (Lumber,
 Mouldings & Boxes)
 Burnham & Davis Lumber Co. (Shin-
 gles, Clapboards, etc)
 *Cady Geo. L. & Sons (Lumber, Pack-
 ing Boxes, Box Shooks, etc)
 *Cheney Frank P. (Boxes, Box
 Shooks, Cloth Boards & Dealer in
 all kinds of Lumber)
 *Davis & Sargent (Lumber, Packing
 Boxes, Planing Mill, etc)
 *Pratt, Amasa Co. (Veneered Doors,
 etc)
 MARBLEHEAD—Bowden Thos. J. & Son
 (Saw Mill)

MILLBURY—Rice A. W. (Saw Mill)
 MONSON—Squier & Co.
 NORTH ADAMS—Dibble S. B. Lumber Co.
 NORTH READING—Upton Henry A.
 (Saw Mill)
 PITTSFIELD—Berkshire Lumber Co.
 SPRINGFIELD—Angers J. A. & Bro.
 (Shingles)
 Bartholomew R. C. (Saw Mill)
 §Currier R. B. Co. (Southern & Michi-
 gan Pine & New York Spruce;
 Also Pine & Cedar Shingles)
 §Dutton A. C. Lumber Co. (Pine,
 Spruce & Pacific Coast Products)
 *Fenderson John & Co. (Inc.)
 §Morse Fred S.
 §Rice & Lockwood Lumber Co. (Pine,
 Hardwood Shingles)
 §United Lumber Co. (Eastern White
 Pine & North Carolina Pine)
 TOWNSEND—Adams U. S. & Co. (Saw
 Mill, Cooperage)
 Fessenden B. & A. D. Co. (Saw Mill,
 Cooperage, Lumber)
 TYNGSBORO—Flint A. A. (Saw Mill,
 Mfr Boxes)
 Sherburne W. A. (Saw Mill)
 WALPOLE—Morse H. A. & Co. (Saw
 Mill)
 WARWICK—Williams C. A. (Saw Mill)
 WESTBORO—Bartlett Box & Lumber
 Co. (Saw Mill)
 WEST BRIDGEWATER—Lyon A. S.
 (Saw Mill)
 WEST STERLING—Buck T. & E. R.
 (Chair Mfr. & Saw Mill)
 WEST TOWNSEND—Stickney Clarence
 (Saw Mill, Cooperage, Lumber)
 Thompson Jos. F. (Saw Mill, Coop-
 erage, Lumber)
 WORCESTER—Hackwell E. A. & Co.
 (Southern Pine, Canada, Western
 & Northern Lumber)
 §Stone & Foster Lumber Co. (North-
 ern, Western & Southern Lumber)

MICHIGAN.

ALPENA—Fletcher Geo. N. & Sons
 (Lumber & Saw Mill)
 *Holmes Geo. H. & Co. (Lumber,
 Cedar & Hemlock Bark).
 Michigan Veneer Co.
 *Richardson Lumber Co. (Lumber &
 Saw Mill)
 ANN ARBOR—Luick Bros. & Co. (Lum-
 ber & Interior Finish)
 ARCADIA—Starke Hy. Land & Lumber
 Co. (Saw Mill)
 BANNISTER—Letts R. G. (Saw & Plan-
 ing Mill)
 BAY CITY—Bay City Box & Crate Co.
 §Black Robert & Co. (Pine & Hard-
 wood)
 *Bradley, Miller & Co. (Lumber,
 Shingles, Lath & Box Shooks)
 *Eddy Bros. & Co. (White Pine &
 Mill Work)
 *Foss E. B. & Co. (White Pine Lum-
 ber, Laths & Shingles)
 *Godkin John (Saw Mill)
 *Goldie Wm. Jr. (Cooperage Stock)
 *Handy Bros. (Box Shooks)
 Hanson-Ward Veneer Co.
 *Kneeland-Bigelow Co. (Saw Mill &
 Hardwood)
 *Lamont Matthew Sons Co. (Planing
 Mill, Lumber, Sash, Doors, etc)
 *Lewis Mfg. Co. (Sash, Doors, Lumber)
 *Mengel E. (Pine & Box Shooks)
 *Mershon-Bacon Co. (Lumber & Box
 Shooks)
 *Nickless W. H. (Box Shooks &
 Crates, Flooring & Car Planing)
 Vance E. J. Box Co. (Box Shooks)
 Wentworth J. & G. K. (Logs & Lum-
 ber)
 *Young W. D. & Co. (Hardwood Lum-
 ber & Flooring)
 BELLAIRE—Hosmer W. A.
 BENTON HARBOR—Preston W. A.
 (Lumber & Interior Finish)
 BIG RAPIDS—Hood & Wright (Veneer
 & Panels)
 *Ward Bros. (Bicycle Woods & Lum-
 ber)
 BOYNE CITY—Boyne City Lumber Co.
 *Von Platen Geo. (Lumber & Saw
 Mill)
 *White W. H. Co. (Hemlock, Maple,
 Soft & Rock Elm, Basswood,
 Beech, Cedar, Shingles, Tan Bark,
 etc)

- CADILLAC—*Cadillac Veneer Co.
Cobbs & Mitchell (Maple Flooring, etc)
*Cummer-Diggins Co. (Hemlock & Maple Flooring)
*Mitchell Bros. Co. (Maple, Red Oak, Beech Flooring, Basswood Bevel Siding, Mich. Hardwood, Hemlock Lumber & Lath)
Murphy & Diggins (Hardwood, etc)
CALUMET—*Armstrong-Thielman Lumber Co. (Lumber, Lath, Shingles, Mouldings, etc)
CEDAR—*Culver M. A. & Son (Planing Mill)
CEDAR RIVER—*Crawford Samuel & Sons (Lumber)
CHARLEVOIX—Charlevoix Lumber Co. (Hardwood, Hemlock & Pine)
CHARLOTTE—Huber E. S. (Saw Mill)
CHEBOYGAN—§Embury-Martin Lumber Co.
Olds M. D. (Lumber, Lath & Staves)
COLEMAN—*Curtice J. E. (Cooperage)
DAGGETT—*Kessler J. (Lumber & Cedar)
Perrizo & Sons (Cedar)
Weng L. E. & Son (Cedar)
DETROIT—*Alger, Smith & Co. (Long Pine Timber), Penobscot bldg
§Anketell Lumber & Coal Co., Dime Bk bldg
†Beyster John (Lumber, Planing Mill & Box Factory), 875 Fort, W
*Brownlee Co. (Lumber & Telegraph Poles), River Rouge
*Card Earle Lumber Co., 1159 Wabash
§Danaher R. E. Co., Majestic bldg.
*Detroit Cedar & Lumber Co. (Ties, Poles, Lumber), Ford bldg
*Detroit Lumber Co. (Lumber & Saw Mill), Jefferson & Junction avs
*Dwight Lumber Co. (Maple & Oak Flooring & Cigar Box Lumber, etc)
*Forman Thos. Co. (Maple & Oak Flooring, Bore & End Matched), Ft W. & P. M. R. R.
*Grace Harbor Lumber Co. (Hardwood, White Pine, Norway, Hemlock, etc), Mack av & Blaufait, ft Western blvd
*Grayling Lumber Co. (Arkansas Lumber)
*Harding H. W. Lumber Co. (Pine & Hardwoods), Hamilton blvd & Midland av
§Hunton & Weeks, 1015 Russell
Kanouse H. W. Lumber Co. (Yellow Pine & Cypress), Ford bldg
§Kotcher C. W., 649 Gratiot av
*Manistique Lumbering Co., Ford bldg
§Morley Geo., U. T. bldg
*National Mfg. Co. (Slack Cooperage Stock for Flour, Cement, Lime & Sugar Barrels), Dime Savings Bank bldg
*Restick Lumber Co. (Lumber & Planing Mill), 992 Vinewood av
§Ross Fred C., 517 Warren av
*Sibley F. M. Lumber Co.
§Sicklesteel Lumber Co. (Hardwoods), 116 Forman av
Stephens Henry & Co. (White Pine & Hardwood), Farwell bldg
*Turtle Lake Lumber Co. (Hemlock, White Pine, Tamarack, White Cedar, etc)
Weber J. F. & Co. (Lumber & Planing Mill), 304 Gratiot av
*Yeomans Box Co., 274 Wight
DOWAGIAC—§Judd Wm. F.
EASTLAKE—*Peters R. G. Salt & Lumber Co.
EDMORE—*Pfeiffer & Burch (Shingles)
ESCANABA—*Erickson & Bissell (Piling, Ties & Posts)
ESSEXVILLE—Courval & Co., (Shingles)
FERRY—Powers & Critchett (Lumber & Lath)
FLAT ROCK—Metler C. L. & Co. (Saw Mill)
FLINT—*Flint Lumber Co. (Planing Mill)
*Hearsch-Wesson Mfg. Co. (Planing Mill)
FOSTER CITY—*Morgan Lumber & Cedar Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc; Shingles, White Cedar, Red Cedar & Pine). Office, Oshkosh, Wis.
FRANKENMUTH—Veltengruber Bros. (Saw & Planing Mill)
FRANKFORT—*Bellows Elvin H.
GAGETOWN—Quinn & Fahrenkopf (Saw Mill)
GAYLORD—Humphrey Bros. (Planing & Saw Mills)
GLADSTONE—*Northwestern Cooperage & Lumber Co.
GLENWOOD—Hampton Stock Farm Co. (Saw Mill & Mfr. Staves & Headings)
GOBLEVILLE—*Clement J. L. & Sons (Saw & Planing Mill)
GRAND RAPIDS—*§Angell H. C. & Co. (Lumber & Shingles)
*Antrim Iron Co. (Saw Mills)
*Dennis A. L. Salt & Lumber Co. (Hardwoods & Maple & Birch Flooring)
Engel Lumber Co.
*Follmer C. C. & Co. (Lumber & Shingles)
Grand Rapids Lumber Co. (White Pine, Hemlock, Hardwood, etc)
Hackley-Phelps-Bonnell Co. (Bark & Hardwoods)
*Hughart W. O. Jr. (Hardwood)
*Hughart & Kendal (W. Hardwoods)
Letellier F. & Co. (Planing Mill, etc)
Nichols & Cox Lumber Co. (Hardwood, Cottonwood & Hardwood Flooring)
Spears C. A. & Son (Lumber, Planing Mill)
§Stearns J. S. Co. (Hardwood etc)
Stiles Bros. Co.
*Van Keulen & Winchester Lumber Co. (Hardwoods) Crating Stock, etc)
§Wagner G. N. Lumber & Shingle Co. (Pine & Red Cedar Shingles & Pine & Hemlock Lumber)
GRAYLING—Hanson R. & Sons (Hardwoods & Cottonwood)
*Kerry & Hanson Flooring Co.
*Sailing-Hanson & Co. (White Cork & Norway Pine)
HARBOR SPRINGS—*Harbor Springs Lumber Co.
HARDWOOD—Anderson P. J. (Cedar Timber)
HARRIETTE—Fellers Bros. (Saw Mill Staves, etc)
HART—*Bennett Lumber & Mfg. Co.
Hart Cedar & Lumber Co.
HARTFORD—Walker L. P. (Saw Mill & Hoop Mill)
HASTINGS—Lombard John T. (Hardwood)
HERMANVILLE—*Wisconsin Land & Lumber Co. (Hemlock & White Pine Lumber, White Cedar Shingles, Basswood Ceiling, Siding, Mouldings, Hardwood Flooring, etc)
HOLLAND—Scott-Luggers Lumber Co.
HOLLY—*Michigan Truck & Lumber Co.
INGALLS—*Carley Ira (White Cedar Posts, Poles & Shingles)
Dobas Louis (Cedar)
IRON MOUNTAIN—*Von Platen Lumber Co. (Maple, Birch, Basswood, Elm, Ash, Hemlock & Pine)
IRONWOOD—*Scott & Howe Lumber Co.
JOHANNESBURG—*Johannesburg Mfg. Co. (Basswood)
KALKASKA—*Bockes & Mahan (Lumber & Shingles)
KINGSLEY—*Case & Crotser
LANSING—*Lansing Co. (Gum & Cottonwood Box Lumber, etc)
LUDINGTON—Cartier A. E. Sons Co.
Stearns Salt & Lumber Co.
MANISTEE—*Buckley & Douglass Lumber Co. (Timber, Lath & Shingles)
*Sands Louis Salt & Lumber Co. (Pine, also Lath & Shingles)
MANTON—*Clark F. N. (Hemlock Bark & Timber)
MAPLE RAPIDS—*Jones Jas. E. (Saw Mill & Oar Mfr.)
MARION—Wagner J. B. (Shingles)
MARQUETTE—§De Haas N. G.
Marquette Box & Lumber Co.
Schneider & Brown Lumber Co.
MAYFIELD—*Gibbs Mrs. J. L. (Saw & Shingle Mill)
MENDON—Austin Frank Co. (Lumber & Planing Mill)
MENOMINEE—Crawford Mfg. Co. (Boxes)
*Crawford Cedar Co. (White Cedar)
*Girard Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath, Pickets & Piling)
§Huebel C. J. Co. (Lumber, White Cedar Poles, Posts & Shingles)
*Menominee River Shingle Co. (Cedar Shingles)
*Menominee White Cedar Co.
Peninsula Box & Lumber Co. (Box Shooks & Boxes)
*Sanford & Treadway (Basswood)
§Spies, Thompson Lbr. Co. (Pine, Hemlock & Cedar Lumber, Lath & Shingles)
*Wells John W. Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath & Shingles)
MIDDLETON—*Middleton Cooperage Co.
MIDLAND—*Brown C. (Lbr & Planing Mill)
MONROE—§Sterling W. C. & Son Co. (Hardwood & Hemlock)
MUNISING—Munising Co. (Hemlock & Hardwood)
MUSKEGON—Hume-Bennett Lumber Co. (Saw Mill, Lumber)
NADEAU—*Nadeau Bros. (White Cedar & Hardwood)
NEWBERRY—Lake Superior Iron & Chemical Co. (See Detroit, Mich.)
NORTHPORT—Kehl Mercantile Co. (Wood, Bark, Ties)
ONAWAY—*American Wood Rim Co.
*Lobdell Emery Mfg. Co. (Hardwood Lumber, Shingles, Maple Flooring, Ties, Poles & Posts)
ONTONAGON—Worcester C. H. Co.
PARK LAKE—*Du Roy Mfg. Co. (Lumber & Handles)
PELLSTON—*Pellston Planing Mills
PENTWATER—*Sands & Maxwell Lumber Co.
PEQUAMING—*Hebard Chas. & Sons (Saw & Shingle Mill)
PETOSKEY—*McManus W. L. Lumber Co. (Hardwood & Soft Lumber)
Michigan Maple Block Co. (Lumber & Butchers' Blocks)
PORT HURON—§Haynes Lumber Co. (Lath, Shingles, Lumber, Posts etc)
RAPID RIVER—Madden Jerry Shingle Co. (Shingles, etc)
REED CITY—*Horner Wm. (Hardwood Flooring)
*Welsh & Kerry Co. (Flooring)
ROSE CITY—Rose City Mfg. Co. (Cooperage Stock)
ST. IGNACE—Jones & Kerry Lumber Co.
SAGINAW—§Batchelor Timber Co. (Saw Mill & Lumber)
*Bliss & Van Auken (Maple Flooring)
*Booth & Boyd Lumber Co. (Lumber, Lath, Shingles & Mill Work)
Brewer F. P. & W. A. (Timber, etc)
*Briggs & Cooper Co. (Ltd.), (Pine, Oak, Ash, Cedar Shingles, etc)
Cornwell Lewis (Estate of) (Saw Mill, Lumber)
§Derry Stephen F. (Hardwood, Car & Trade a Specialty)
*Eastman S. L. Flooring Co.
§Eddy C. K. & Sons Inc. (White Pine Lumber & Logs)
§Fleischman John L. (Hardwoods)
§Fordney J. W. (Lumber & Logs)
*Furstenberg Bros. (Planing Mill, Lumber)
§Galloway-Pease Co.
*Gardner, Peterman & Co. (Cooperage Stock & Shingles)
Germain & Boyd Lumber Co. (Saw & Planing Mill)
§Hill Arthur & Co. (Ltd.), (Pine Lumber)
Hill-Drummond Lumber Co.
Kuehl Chas. W. (Tan Bark & Lumber)
Markey Wm. T. (Hardwood, Lumber & Shingles)
*Mershon, Eddy Parker Co. (Lumber, Box Shooks, Shingles, Laths & Mill Work)
Richardson E. Co. (The) (Timber)
§Rupp J. J. (Pine Logs & Lumber)
*Strable Lumber & Salt Co. (Hardwood)
Wylie J. T. & Co. (Slack Cooperage Stock for Flour, Sugar, Cement, etc)
SEBEWAING—*Liken & Bach (Stable & Heading)

SIDNAW—*Prickett Walter S. (Timber, etc)
 TEKONSHA—Randall A. H. Mill Co. (Saw Mill)
 TRAVERSE CITY—*Greilick Mfg. Co. (Lumber, Planing & Saw Mill)
 Hull-Longnecker Co. (Lumber)
 Smith & Hull Co. (Timber, Logs, Bark & Wood)
 *Williams W. E. Co.
 TROUT CREEK—*Weidman & Son Co. (Hardwoods & Hemlock)
 TWINING—*McCready John (Saw Mill & Lumber)
 VANDERBILT—Olds & Hixson (Stave Mfrs)
 Yuill Bros. (Loggers)
 VERMONTVILLE—Fuller Bros. (Saw Mill)
 WALLOON LAKE—Walloon Lake Lumber & Shingle Co.
 WATERS—Stephens Henry & Co.
 WELLS—*Stephenson I. Co. (Flooring Maple, Maple, Clear & Bird's-eye Maple, Clear & Bird's-eye Maple Flooring, Clear & Red Birch Flooring, etc)
 WHITEHALL—*Covell Lyman T. (Lumber, Lath & Shingles)
 *Nufer Cedar Co. (Lumber, Shingles & Tin Plate Boxes)

MINNESOTA.

ADA—*Wild Rice Lumber Co.
 AITKEN—Hodgeden & McDonald (Saw Mill)
 Knox Lumber Co. (Lumber)
 AKELY—Red River Lumber Co. (California White & Sugar Pine, Cut Sash & Door Stocks & Box Shooks)
 ALBERT LEA—Minnesota Lumber Co.
 BEMIDJI—Crockston Lbr. Co. (Northern Pine & Hemlock)
 BIWABIK—*Colvin-Robb Lumber Co.
 CASS LAKE—*Neils Lumber Co. (Dimension & Timbers; also Boards & Strips Sawed from Norway White Pine; also at Sank Rapids, Minn.)
 CLOQUET—*Cloquet Lumber Co. (White Pine Lumber & Saw Mill)
 Cloquet Tie & Post Co.
 *Johnson-Wentworth Lumber Co. (White Pine Lumber, Lath & Shingles, Saw Mill)
 *Northern Lumber Co. (White Pine Lumber)
 CROOKSTON—*Crockston Lumber Co. (White Pine)
 DULUTH—*Alger, Smith & Co.
 *American Lumber Co.
 *Bradley Timber & Ry. Supply Co.
 *Burns Lumber Co.
 *Duluth Log Co. (Wholesale Posts, Poles, etc)
 Duluth Lumber Co., 364 Garfield av
 *Duluth Tie & Pulpwood Co.
 *Heimbach Lumber Co., 20 E. Railroad
 *Martin Bros. (Ties & Poles)
 *National Pole Co.
 *Red Cliff Lumber Co. (Lumber, Lath & Shingle)
 *Scott-Graff Lumber Co. (Lumber, Lath, etc)
 *Shaw P. M. Jr. & Co.
 *Swallow & Hopkins, Exchange bldg
 *Virginia & Rainy Lake Co.
 *Waters, Clark Lumber Co.
 *Woodruff Lumber Co.
 FRAZEE—Nichol, Chisholm Lumber Co.
 LITTLE FALLS—*Pine Tree Mfg. Co. (White Pine & White Cedar Posts, Shingles, etc)
 MAYNARD—*Maynard Lumber Co.
 MINNEAPOLIS—American Lumber & Cedar Co., 209 Lumber Exchange
 *Backus-Brooks Co., (White Pins) 602 Andrus
 Barnard Arthur H., 206 Lumber Exchange
 Bartelme Co., E Henn & 6th av, S E
 *Bell Lumber Co. (Pine, Hemlock & White Cedar Products) Security Bank bldg.
 Bliss A. L. Lumber Co., 1107 Lumber Exchange
 *Bovey-Shute Lumber Co., 1210 McKnight
 *Bowman S. H. Lumber Co., Lumber Exchange
 Brooks-Scanlon Lumber Co., Plymouth bldg.

*Burkholder Lumber Co., 211 Lumber Exchange
 Carpenter W. I. Lumber Co. (Red Cedar Shingles, Siding & Finish, Spruce & Fir), 504 Lumber Exchange
 Cedar River Lumber Co., 914 Plymouth bldg.
 *Central Lumber Co. (Mixed car lots of Wash'n Fir, Spruce, Cal. Redwood, Hardwood Flooring, Red Cedar, Basswood, Wagon Shook, Bridge Planks, etc.) McKnight bldg.
 Central Warehouse Lumber Co., Pillsbury & Territorial
 Citizens Lumber Co., Pillsbury av & Territorial Rd.
 Coolidge & Schussler (Ties, Poles & Posts, Cedar Poles & Posts), Metropolitan Life bldg
 *Crockston Lumber Co. (Northern Pine & Spruce) First National Soo Line bldg.
 *De Laittre-Dixon Lumber Co., 1301 20th av N
 *Dolliff L. P. & Co., 615 Lumber Exchange bldg
 *Fullerton Krueger Lumber Co., 915 Lumber Exchange
 Gipson Lumber Co., 405 Lumber Exchange
 Glass J. E. Lumber Co., 1129 Plymouth bldg.
 International Lumber Co., Andrus bldg.
 *Itasca Lumber Co. (White Pine, Spool Birch, Minn. Poplar, White Cedar Lumber, Ties, Poles & Posts, Cedar Poles & Posts), Lumber Exch.
 Joyce W. L. Co., Lumber Exchange
 *Kaye & Carter Lumber Co. (Cedar Posts, Poles & Ties), Lumber Exchange
 Learned Lumber Co., 711 Lumber Exchange
 Leech Lake Lumber Co., 1128 Plymouth bldg.
 *Lewis F. H. (Fir Timber & Idaho Cedar Poles) 636 Lumber Exchange bldg.
 *McCoy Lumber Co. (Pacific Coast Products) Security Bank
 McCulloch-Moss Lumber Co., 310 Lumber Exchange
 *Melone-Bovey Lumber Co., 1228 S 4th
 *Minneapolis Lumber Co., 943 Lumber Exchange
 Morrison J. W. Lumber Co., 927 Lumber Exchange
 North Coast Lumber Co., Lumber Exchange
 Northern White Cedar Ass'n, Lumber Exchange
 *Northland Pine Co. (White & Norway Pine), 3201 N 2d
 *Osborne & Clark (White Oak Dimension, Basswood Finish, Box Boards, Siding & Ceiling, Maple Axles, Wagon Tongues & Hardwood Flooring) 300 Lumber Exchange
 Page & Hill, 812 Plymouth bldg.
 *Park Rapids Lumber Co.
 Parker-Kellogg Lumber Co., Lumber Exchange
 *Partridge T. M. Lumber Co. (Hemlock, Pine & Hardwood Lath, Northern Pine & Hemlock Lumber, Ties, Poles & Posts) 730 Lumber Exchange
 *Pendleton & Gilkey, McKnight bldg.
 *Red Diamond Lumber Co., 1134 Central av
 *Red River Lumber Co. (White & Norway Pine, Lumber, Lath & Box Shooks) 807 Hennepin av.
 Schuette Wm & Co. 642 Lumber Exchange
 *Shevlin-Carpenter Lumber Co. (White Pine, Lumber, Lath & Shingles), 112 Lumber Exchange
 Shevlin-Hixon Co. (Idaho, Montana & Cal. Pine)
 Smith Payson Lumber Co., 911 Plymouth bldg.
 *Standard Cedar & Lumber Co. (White Cedar Poles, Posts & Shingles, Pine, Hemlock & Hardwood Lumber) 511 Lumber Exchange
 Stuhr Lumber Co., 936 Lumber Exchange
 Thief River Falls Lumber Co., 954 Second Bank bldg.

Thompson B. N. Co., 620 Lumber Exchange
 Three States Cedar Co., 1102 Plymouth bldg.
 *Waite H. B. Lumber Co. (Wash'n Fir, Spruce & Red Cedar Lumber, Cal. Redwood Lumber & Shingles, Wash'n Red Cedar Shingles, Flooring, Siding, etc). Security bldg.
 *Wallace-Ballord Lumber Co., Lumber Exch.
 RED WING—*Forest Products Co. (Hardwood)
 ST. PAUL—*Brooks Bros. (Northern Pine, Yellow Pine, mixed car lots, etc) 1923 University av.
 Gribben Lumber Co., 975 E 7th
 *Martin John Lumber Co., 217 Como av.
 Rich-Simons-Culligan Co., 460 Cleveland av
 *Weyerhaeuser & Co. (White Pine) Merchants National Bank bldg.
 SAUK CENTER—Independent Lumber & Coal Co.
 SOUTH STILLWATER—*Anderson Lumber Co.
 STILLWATER—*Interstate Lumber Co., McGrath Jas. E. (White Pine)
 St. Croix Timber Co. (Saw Mill & Lumber)
 *Tozer David Co. (White Pine)
 THIEF RIVER FALLS—*Thief River Falls Lumber Co.
 VIRGINIA—*Bailey W. T. Lumber Co. (Saw Mill)
 SPOONER—*Rainy River Timber Co.
 WHITE PINES—McGrath James B. (White Pine)
 WINONA—*Botsford Lumber Co.
 *Doud Sons & Co. (Hardwood & Hemlock)
 *Hayes-Lucas Lumber Co.

MISSISSIPPI.

ARBO—Lumber Mineral Co. (Yellow Pine)
 BENTONIA—*Link, Newcomb Mill & Lumber Co. (Hardwood)
 BEXLEY—*Greene County Lumber Co.
 BOGUE CHITTO—*Brister B. E. Mercantile Co. (L. Yellow Pine)
 BROOKHAVEN—*Butterfield C. S. Co. (Yellow Pine Lumber & Lath)
 BROOKLYN—*Griffin W. C. Land Co. (Saw Mill)
 CHARLESTON—*Lamb-Fish Lumber Co. (Band Sawed Oak, Gum & Cypress, etc)
 CHICORA—*Robinson Land & Lumber Co. (Yellow Pine, Timber & Rift Flooring)
 COLLINS—*Wood W. C. Lumber Co. (Yellow Pine)
 COLUMBIA—White J. J. Lumber Co. (Yellow Pine)
 COLUMBUS—*Pate D. S. Lumber Co. (Hardwood)
 CORINTH—*Pocahontas Lumber Co.
 *Small W. E., Spoke Mfg. Co. (Spokes)
 ELECTRIC MILLS—*Sumpter Lumber Co. (Short Leaf Yellow Pine)
 FERNWOOD—*Enochs Bros. (Yellow Pine)
 *Fernwood Lumber Co. (L. L. Yellow Pine)
 GREENVILLE—Alexander H. M. & Sons
 GULFPORT—*Holmes-Herrick Lumber Co. (Wholesale)
 HATTIESBURG—*American Lumber & Mfg. Co. (Branch of Pittsburgh, Pa.)
 *Brookhaven Lumber & Mfg. Co. (Yellow Pine)
 *Firm Lumber Co.
 *Hettler Herman H. Lumber Co. (Branch of Chicago, Ill.)
 *McInnis Lumber Co.
 *Newman J. J. Lumber Co. (Yellow Pine), Mills, Sumrall, Miss.
 *Nicola, Stone & Meyer Co. (Branch of Cleveland, O.)
 *Pole Stock Lumber Co.
 Tatum Lumber Co. (Saw Mill)
 HAZLEHURST—*Hazlehurst Lumber Co. (Yellow Pine)
 JACKSON—*Enochs Yellow Pine Co. (Yellow Pine)
 Faust Bros. Lumber Co. (Hardwoods, Poplar & Red Gum)
 Mercantile Lumber Co. (Yellow Pine)
 *Yellow Pine Lumber Co. (Long Leaf Yellow Pine)

KNOXO—Swift Lumber Co.
KOLA—*Kola Lumber Co. (Yellow Pine)
LAUREL—*Eastman Gardiner & Co. (L. Yellow Pine)
 Gilchrist-Fordney Co. (Southern Yellow Pine, Cypress)
 *Lindsey Lumber Co.
 *Marathon Lumber Co. (Yellow Pine)
 Wausau Southern Lumber Co. (Southern Yellow Pine, Cypress)
LELAND—Darnell-Love Lumber Co.
LOGTOWN—*Weston H. Lumber Co. (L. Yellow Pine)
LUCEDALE—*K. C. Lumber Co. (Yellow Pine)
LUMBERTON—*Hinton Bros. Lumber Co. (L. Yellow Pine)
LYMAN—Ingram-Day Lumber Co. (Saw Mill)
MEEHAN JUNCTION—*Cotton State Lumber Co.
MERIDAN—Gray C. L. Lumber Co.
MOORHEAD—*Moorhead Mfg. Co. (Saw Mill)
MOSS POINT—*Dantzler L. N. Lumber Co. (Yellow Pine & Rift Flooring)
 McIntosh Lumber Co.
MOUNT OLIVE—*Morris R. B. Lumber Co. (Yellow Pine)
NATCHEZ—*Learned R. F. & Son (Cypress)
NORFIELD—*Butterfield Lumber Co. (Yellow Pine)
ORA—*Easterling Lumber Co. (Yellow Pine)
ORVISBURG—*Champion Lumber Co. (Yellow Pine Mill Work & Timbers up to 60 feet long)
PICAYUNE—*Rosa Lumber Co. (Saw Mill)
PURVIS—*Hand James (Saw Mill)
QUITMAN—Mississippi Lumber Co. (See Chicago, Ill.)
SANFORD—*Ship Island Lumber Co. (Yellow Pine)
SARDIS—*Carrier Lumber & Mfg. Co. (Hardwood Lumber & Bent Woodwork, Red Gum, Oak Flooring & Rotary Cut Veneers)
SUMRALL—*Newman J. J. Lumber Co. Office: Hattiesburg
TEN MILE—*Ten Mile Lumber Co. (Yellow Pine)
VICKSBURG—*Houston Bros. (Hardwoods, Yellow Pine & Cypress)
WAYNESBORO—Wetherbee-Huggins Co. (Yellow Pine)

MISSOURI.

BETHANY—Cadle Lumber Co.
 *Miner & Frees
BUNKER—*Bunker-Culler Lumber Co.
BUTLER—Logan-Moore Lumber Co. (See Kansas City Mo.)
CANTON—Canton Planing Mill Co. (Saw Mill)
CAPE GIRARDEAU—*Himmelberger-Harrison Lumber Co. (Gum, Oak, etc)
 *Leming M. E. Lumber Co.
COFFEY—*Crossan, Miner & Frees
DES ARC—*Graves & Stamp
DEXTER—Disher Anderson E
FREDERICKTOWN—*Fredericktown Lumber Co. (Yellow Pine & Oak Lumber & Mfrs. Wagon Hubs)
GIDEON—*Gideon-Anderson Lumber & Mercantile Co. (Hardwood)
GLASGOW—*Rall Bros. (Hardwoods, Native)
GRANDIN—*Missouri Lumber & Mining Co. (See West Eminence)
HARRIS—Durman L. C. (Saw Mill)
HARVIELL—*Mangold Stave & Cooperage Co. (Lumber, Beer & Wine Casks, Staves & Headings). (See St. Louis)
JOPLIN—*Stewart Lumber Co.
KANSAS CITY—*American Sash & Door Co., 16th & Bellefontaine
 *Anson Shingle & Lumber Co.
 *Badger Lumber Co.
 *Bernardin J. M. Lumber Co. (Yellow Pine)
 *Bowman-Hicks Lumber Co. (Yellow Pine)
 Byrne-Renfro Lumber Co. (Cypress & Shingles)
 *Buchanan Wm. (Yellow Pine)
 Caddo River Lumber Co. (Yellow Pine) R. A. Long bldg.
 *Carter C. J. Lumber Co. (Short Leaf Yellow Pine Finish Flooring & Siding) R. A. Long bldg.

*Central Coal & Coke Co. (Yellow Pine), Keith & Perry bldg
 *Chapman & Dewey Lumber Co. (Hardwood) Rialto bldg.
 Chatten S. H. Lumber Co. & Inter State bldg.
 *Chicago Lumber & Coal Co., R. A. Long bldg
 Choctaw Lumber Co. (Yellow Pine)
 *Connolly Hardwood Lumber Co. (Oak, Ash, Cypress, etc) 180 Indiana av
 Dickason Goodman Lumber Co., K. & P. bldg.
 Dierks Lumber & Coal Co. (Oak, Southern Yellow Pine, Cypress, Oak) Gates bldg.
 Doniphan Lumber Co. (Yellow Pine). Mills: Kensett, Ark.
 Forest Lumber Co. (Cypress, Southern Yellow Pine), R. A. Long bldg.
 *Foster Lumber Co. (Yellow Pine) R. A. Long bldg.
 *Hope Geo. D. Lumber Co. (Yellow Pine), R. A. Long bldg
 *Ingham Lumber Co. (Arkansas Lumber) R. A. Long bldg.
 *Leidigh & Havens Lumber Co. (Yellow Pine) R. A. Long bldg.
 *Logan-Moore Lumber Co.
 *Long-Bell Lumber Co. (Yellow Pine)
 *Matthews C. E. Lumber Co.
 Mercantile Tie & Timber Co. (Yellow Pine & Piling)
 *Merrill & Co. (Hardwood), 1700 Brooklyn av.
 *Missouri Lumber & Land Ex. Co. (Missouri & Louisiana Yellow Pine & Oak Flooring), R. A. Long bldg
 *Penrod Walnut & Veneer Co. (Black Walnut)
 *Pickering W. R. Lumber Co. (Yellow Pine, R. A. Long bldg. Mills: Pickering, La.)
LOUISIANA—La Crosse Lumber Co.
MARQUAND—*Whitener J. Q. D. Land & Lumber Co. (Saw Mill)
MOREHOUSE—*Himmelberger-Harrison Lumber Co. (Red Gum, White & Red Oak, Ash, Elm & Cypress, Rough, Dressed & Worked to Order)
NEW MADRID—*Loud Mrs. E. A. (Staves & Lumber)
 *Mann & Garanto Land & Lumber Co.
PACIFIC—Koppitz-Smith Mill Co.
POPLAR BLUFF—*Ferguson & Wheeler
 *Hargrove & Ruth Lumber Co.
 *Ruth H. I.

PORTAGEVILLE—Haines E. C. (Lumber Saw & Planing Mill)
ST. JOSEPH—American Fixtures Co.
 Colliers-Adams Mfg. Co.
 *Ehrlich H. & Sons Mfg. Co.
 *Nold C. H. Lumber Co.
ST. LOUIS—*American Hardwood Lumber Co. (Oak, Poplar, Ash, etc), N Market n Levee
 Antrim Lumber Co. (Cypress Yellow Pine & Shingles) Wright bldg.
 *Bagnell Timber Co. (R. R. Ties). Title Guaranty bldg
 *Banner Lumber Co., 735 Manchester
 *Berthold & Jennings Lumber Co. (Long Leaf Yellow Pine, Oak & Cypress Lumber, Bridge Timbers, Piling & Telegraph Poles), Wright bldg
 Boeckeler Lumber Co. (Yellow Pine) White Pine), Hall & Mallinckrodt
 Boynton Land & Lumber Co., 915 Olive
 *Buchanan Wm. (Yellow Pine), Wright bldg
 *Chicago Mill & Lumber Co. (Yellow Pine, Oak & Cypress, Hemlock & Gum Lumber & Cedar, White Oak & Black Locust Poles, Posts & Piling, Red Cedar, Cypress & White Pine Shingles, White Pine Cypress, Yellow Pine Lath), 200 Chouteau av
 *Chivvis W. R. (Hardwood), Geyer & Kosciusko
 *Consolidated Saw Mills Co. (Short Leaf Yellow Pine), Wright bldg
 *Ferguson W. T. Lumber Co. (Yellow Pine), Wright bldg
 *Frost-Johnson Lumber Co. (Yellow Pine, either Straight or Mixed Cans), Boatmens Bank bldg
 *Ganahl Lumber Co., Newstead & Duncan
 *Garetson-Greason Lumber Co. (Ash, Oak, Cypress & Gum)

*Garrett T. H. Lumber Co. (Yellow Pine, Saw & Planing Mills), Chemical bldg
 *Gavin Stephen T. Lumber Co. (Yellow Pine, etc), 6400 Easton av
 *Graham Lumber Co. (Yellow Pine), Wright bldg
 *Grayson-McLeod Lumber Co. (Yellow Pine), Wright bldg
 *Griffen Geo. M. Lumber Co. (Oak & Cypress Piling, Telephone Poles, Railroad Materials, etc), Oriel bldg
 *Gruner Philip & Bro. Lumber Co., 4006 N B'way
 *Hafner Mfg. Co. (Cypress, Hardwoods, Yellow Pine), Main & Dock
 *Hearne Timber Co., Times bldg
 *Hogg-Harris Lumber Co. (Long & Short Leaf Yellow Pine) Wright bldg.
 *Holmes J. A. Lumber Co. (Michigan Lumber, White & Yellow Pine Flooring, Siding, Shingles, Lath, etc; Poplar, Cherry, Ash, Walnut & Mahogany, Car & Bridge Ash, Walnut & Mahogany, Car & Bridge Timber Specialties), 10th & Spruce
 *Huttig Sash & Door Co.
 *Kimball Lumber Co. (Cypress & Oak), Railway Exchange bldg
 *Liebke C. F. Hardwood Mills & Lumber Co., 2d & Buchanan
 *Lothman Cypress Co. (Louisiana Cypress), ft of Angelica
 Luehrmann C. F. Hardwood Lumber Co. (Ash, Oak, Cypress, Yellow Pine, White Pine & Shingles), 150 Carroll
 *Malvern Lumber Co. (Yellow Pine), Chemical bldg
 *Mechanics' Planing Mill Co. (Cypress), 3742 N B'way
 *Miles Geo. W. Timber & Lumber Co. (Yellow Pine), Wright bldg
 *Mosberger Lumber Co. (Hardwoods), 653 Morlin av
 O'Neill Lumber Co., Kingshighway & Manchester av
 *Ozan Lumber Co., Wright bldg
 *Ozark Cooperage & Lumber Co., International Life bldg.
 *Powe Thos. E. Lumber Co. (Hardwoods, Cypress Shingles), Hall & Branch
 *Quellmalz Hy. Lumber & Mfg. Co. (Red Gum & Hardwoods, Oak & Hickory Dimension), Main, bet. Victor & Barton. Mills: Brookings, Ark.
 Richardson W. H. (Lumber Commission Hall & Branch)
St. Louis Lumber Co. (White Pine & Yellow Pine), 2509 S Broadway
 *Sabine Lumber Co. (Yellow Pine), Wright bldg, Mills, Colfax, La.
 Scheve J. L. Lumber Co. (Oak & Cypress), Hall & St. Louis av
 Seidel Julius Lumber Co. (Yellow Pine, White Pine, Cypress), 2000 S Kingshighway
 *Steele & Hibbard Lumber Co. (Hardwood), 3125 N B'way
 *Stewart-Greer Lumber Co.
 *Thomas & Proetz Lumber Co., Hall & Angelrodt
 *Waldstein Lumber Co. (Hardwoods), 7th & Victor
 *Werner Louis Saw Mill Co. (Oak, Ash, Poplar, Gum, Short & L. L. Yellow Pine, Cypress & Cottonwood), Fullerton bldg
 *Western Tie & Timber Co., Syndicate Trust bldg.
SIKESTON—*Baker-Matthews Mfg. Co.
 *Matthews Lumber & Mfg. Co.
SMITHVILLE—*Major R. H. & Co.
SPICKARD—Kincade, Cal. & Co.
SPRINGFIELD—Hobart-Lee Tie Co. (R. R. Timbers)
WINONA—*Ozark Land & Lumber Co. (Mo. Soft Pine)

MONTANA.

BONNER—*Anaconda Copper Mining Co. (Pine & Larch)
KALISPELL—*KalisPELL Lumber Co. (Lumber Mfrs. & Wholesalers)
LIBBY—*Libby Lumber Co. (Mont. Larch & Western Pine)
SOMERS—*Somers Lumber Co. (Larch Lumber)

NEBRASKA.

HASTINGS—§Oliver Lumber Co.
 KEARNEY—§Gilcrest F. H. Lumber Co.
 LINCOLN—*Foster S. A. Lumber Co.
 §Searle & Chapin Lumber Co.
 OMAHA—§Baker J. L.
 §Bradford-Kennedy Co.
 §Bullard, Hoagland & Benedict (Hardwood)
 §Cady H. F. Lumber Co.
 §Chicago Lumber Co. (Mo. Soft Pine)
 §Dietz C. N. Lumber Co. (Hardwood)
 §Dodds Lumber Co. (Long & Short Leaf Yellow Pine, Red Cedar & Cypress)
 §Guiou & Ledwich
 §Hampton Lumber Co. (Hardwood)
 §Hoagland G. A. & Co.
 §McShane Lumber Co. (Yellow Pine)
 Nebraska Bridge Supply & Lumber Co. (Red Cedar Posts, Poles, Piling, Oak Piling, Ties, Lumber)
 Omaha Hardwood Lumber Co. (Hardwood)
 §Walrath-Sherwood Lumber Co.
 §Wentworth Lew
 SOUTH OMAHA—§Bradford Louis Lumber Co.
 §Watkins J. B. & Co.

NEW HAMPSHIRE.

ALEXANDRIA—Patten S. G. (Saw Mill)
 ALSTED—Patten S. G. (Saw Mill)
 AMHERST—Fuller Lemuel (Saw Mill)
 ANTRIM—Poor M. D. (Saw Mill)
 ASHUELOT—*Dickinson's A. Sons (Saw Mill)
 AUBURN—Pingree A. W. (Saw Mill)
 BARNSTEAD—Drake Bros. (Saw Mill)
 BEDFORD—Holbrook F. G. (Saw Mill)
 BELMONT—Weeks Jas. H. (Saw Mill)
 BEMIS—*Morey Chas. H.
 BRADFORD—*Peaslee D. G. (Saw & Shingle Mill)
 BRENTWOOD—Flanders Chas. (Shingles)
 CHESTER—Goldsmith N. W. (Shingles)
 Morse Augustus P. (Saw Mill)
 CONWAY—*Kennett A. C.
 CRYSTAL—*Jackson L. A.
 DOVER—Seavey J. F. Lumber Co. (Dealers)
 DUBLIN—Knight Arthur J. (Saw Mill & Shingles)
 EAST ROCHESTER—*Tibbett & Hayes
 EAST SULLIVAN—Harris W. H. (Saw Mill)
 FARMINGTON—*Jenness Bros.
 GORHAM—*Libby E. & Sons Co.
 *Mainstream Lumber Co.
 GREENLAND—Brackett S. S. & Saw Mill
 HAMPTON—*Brown F. B. (Saw Mill)
 HOLLIS—Hayden Bros. (Saw Mill)
 HOOKSET—*Head W. F. & Son (Lumber & Saw Mill)
 *Thompson James
 LACONIA—*Cook's Lumber Co. (Staves, Exterior & Interior Finish, Dimension Spruce, Pine & Hemlock, Shingles, Laths, etc)
 LEBANON—Flanders George L. (Saw Mill)
 LINCOLN—*Henry Jas. E. & Sons Co.
 LISBON—Conrad Edward J. (Saw Mill)
 *Parker-Young Co. (Planing Stock, Packing Boxes & Lumber)
 MANCHESTER—West Side Lumber Co.
 MILFORD—*Peirce W. E. & Co. (Lumber, Lath, Shingles, Posts, Mill Work, Finish, etc)
 NASHUA—Cook F. D. Lumber Co.
 Tolles J. H. & Co.
 NEW MARKET—Glidden, Guy A. (Saw Mill)
 PARKHILL—Goodnow E. J. (Saw Mill)
 REED'S FERRY—*Parker E. E. & P.
 RICHMOND—*Amidon Frank (Est. of)
 ROCHESTER—§Champlin Wm. H.
 *Felker Bros. (Lumber & Saw Mill)
 *Langley Geo. H. Lumber Co.
 Rochester Lumber Co. (Mfrs.)
 RUMNEY DEPOT—*Herbert H. W. (Shingles)
 RYE BEACH—Jenness C. A. (Saw Mill)
 SALEM—McLaughlin K. M. (Saw Mill)
 SHORT FALLS—Tripp & Tennant (Saw Mill)
 SOUTH KINGSTON—Bartlett W. S. (Saw Mill)
 SOUTH TAMWORTH—*Mason W. N.
 STRATFORD—*Dennis D. H.
 *Kimball William H.

SUNAPEE—Rowell W. (Saw Mill)
 TILTON—Knapp Geo. E. (Saw Mill)
 UNION—Farnham J. F. (Saw Mill)
 Plummer Geo. L. (Saw Mill)
 WARNER—*Carroll E. H. & Son
 Ela M. T. (Saw Mill)
 WARREN—Park Elizabeth D. (Est. of)
 (Lumber & Saw Mill)
 WASHINGTON—Dole M. H. (Saw Mill)
 WEST BRENTWOOD—Fellows Gertrude F. (Saw Mill)
 WEST CHESTERFIELD—Amidon G. F. (Saw Mill)
 WEST THORNTON—*Veazie W. D. & Co.
 WESTVILLE—Peaslee E. E. (Saw Mill)
 WILTON—Livermore Hy. H. (Saw Mill)
 WINCHESTER—Naramore Edgar H. (Lumber & Pail Staves)
 WINDHAM DEPOT—Seavy Geo. E. (Est of), (Saw Mill)

NEW JERSEY.

ASBURY PARK—Buchanon & Smock Lumber Co. (Saw Mill, etc)
 Lewis Lumber Co.
 BERLIN—*Robinson W. B. (Saw Mill)
 CALDWELL—*Crane Marcus, S. (Saw Mill)
 CAMDEN—*Baird David Co. (Lumber & Saw Mill)
 Coles C. B. & Sons Co. (Saw Mill)
 *Hadenline Lumber Co. (Hemlock, Spruce, N. C. Pine & Hardwoods), Mills, Norfolk, Va.
 §Humphreys H. & Co.
 §Munger & Bennett (N. C. Pine)
 §Scudder R. G. & Son
 §Smith R. F. & Son
 §Stockham Chas. Lumber Co. (Saw Mill)
 EGG HARBOR CITY—*Bozarth Lumber Co.
 JERSEY CITY—§Baldwin Lumber Co., Garfield av
 §Dodge & Bliss Co., West End
 §Vanderbeek & Sons, Green
 NEWARK—§Bailey & Ailing, ft Clay st
 §Bockhoven Bros. Co., 132 Astor
 §Clark & Co. 515 Hunterdon (White & N. C. Pine)
 §Collier Eusebius, 494 Broad
 §Crowell James, ft Cross (Hardwood)
 Glasby J. F. Lumber Co., 9 Badger av
 Jones Wm. A. & Son, ft Jones (Saw & Planing Mill, Pine, Hardwood, etc)
 §Murphy-Hardy Lumber Co., 150 Passaic (Lumber & Planing Mill)
 §Ripley D. & Sons, 16 Commercial (Lumber & Timber Co.) (Saw & Planing Mill & all kinds of Lumber & Timber Mouldings, Trimmings, etc)
 §Stone & Hershey, 31 Clinton (Spruce, Cypress & N. C. Pine)
 PATERSON—§Stiles E. M.
 PEDRICKTOWN—*Straughen B. W. (Saw Mill)
 PITTSVILLE—*Deats Emley H. (Saw Mill)
 ROCKAWAY—Stickle G. W.
 SOUTH SEAVILLE—*Collins Jacob P. Co. (Saw Mill)

NEW MEXICO.

ALBUQUERQUE—*Albuquerque Lumber Co.
 §Baldridge J. C. Lumber Co.
 PINOS ALTOS—Redstone Co. (Saw Mill)
 ROSWELL—*Pecos Valley Lumber Co.

NEW YORK.

AFTON—Church Bros. (Saw Mill)
 ALBANY—§Arnold & Co.
 §Crannell Francis F. Lumber Co.
 §Easton Cypress Co.
 §Eaton W. J.
 Hart & Fleet (Planing Mill)
 Hubbell C. T. & Co.
 §Hughson & Co.
 §Hunter Dexter
 §Kibbee A. S. & Son
 §Moore & Zimmerman
 §Patton & Co.
 Ramsdell & Co. (Planing Mill)
 §Robinson John & Co.
 Thomson L. & Co. (Pine, Spruce & Hemlock)
 Welsh & Grey Lumber Corp.
 §White Richard P. (Pine, Spruce & Hemlock)

ALTMAR—Horton Lumber Co.
 ALTON—Burns Samuel T. (Saw Mill)
 BARKERSVILLE—Mattison George
 BATH—*Jones Bros. & Parker (Lumber)
 BERNE—Cheeseboro & Sand (Saw Mill)
 BINGHAMTON—§Lyons A. J. Sons
 BLEECKER—Ernst Frank (Saw Mill)
 *Peters' John M. Jr. (Saw Mill)
 BLOCKVILLE—Green Bros. (Saw Mill)
 BOYNTONVILLE—Kautz Chas. E. (Saw Mill)
 BRANT—Calkins Milford (Saw Mill)
 BRASHER FALLS—Church Elmore (Saw Mill)
 BROOKLYN—(See New York City, Borough of Brooklyn)
 BUFFALO—§Bartholomew Edw. W. Lumber Co.
 §Betts Chas. M. & Co. (Pine, Cypress & Shingles), Hertel av & Niagara River
 *Boller Chas. & Sons Co. (Planing Mill), Chicago & Carroll
 *Buffalo Hardwood Lumber Co. (Hardwood), 940 Seneca
 *Elias G. & Bro. (Pine, Hemlock & Hardwood Flooring), 965 Elk
 §Goodyer Lumber Co. (Penna. White Hemlock, La. & Miss. Yellow Pine, etc), Marine Nat Bk bldg
 Graves, Manbert, George & Co. (Pine), ft Hertel av
 Hauenstein Alfred G. Lumber Co. (White & Norway Pine), 3050 Main
 §Hurd Bros. (Lath, Shingles & Timber), 719 Bailey av
 *Jackson & Tindle (Hardwood Lumber, Slack Cooperage & Broom Handles)
 §Laidlaw R. Lumber Co. (White Pine Lumber, Lath & Shingles)
 §Laycock Lumber Co., Ellicott sq
 §McLean Hugh Lumber Co. (Hardwood & Veneers)
 *McNeil Lumber Co., 98 River
 *Miller Lumber Co. (Hardwood), 893 Eagle
 §Mixer & Co. (Mich. White Pine), Prudential bldg
 *Montgomery Bros. & Co. (Yellow Pine & Hardwood)
 §Reilly W. W. & Bro., Brisbane bldg
 §Scatcherd & Son (Hardwood), Ellicott sq
 *Standard Hardwood Lumber Co.
 *Stewart I. N. (Hardwood), People's Bank bldg
 Sullivan T. & Co. (Hardwood; Specialty, Ash & Elm), 2 Arthur
 §Taylor & Crate (Hardwood), Prudential bldg
 §Underhill D. Jr. & Co., Erie Co. Bank bldg
 *Yeager Lumber Co., (Hardwood) 932 Elk
 BUTLER CENTER—Merrill Willis
 CALLICOON—Hermann Martin (Saw Mill)
 CANANDAIGUA—Garrett Wm. (Saw Mill)
 CARLISLE—Brown Grant (Saw Mill)
 CASSVILLE—Carpenter A. L. (Saw Mill)
 CASTILE—Elitsac Mfg. Co. (Planing Mill, Wooden Toys & Novelties)
 CATSKILL—Post Amos (Saw Mill)
 CENTRAL BRIDGE—Ottman Milland (Saw Mill)
 CENTRALIA—Littlefield Sidney (Saw & Shingle Mill)
 CHARLOTTE—*Upton Co.
 CHENINGO—Hollister & Bryant (Saw Mill)
 CHERRY CREEK—Hess C. E. (Planing Mill)
 CHESTERTOWN—Maxam Leluel L. (Saw Mill)
 CLARKSBURG—Smith J. H. (Saw Mill)
 CROGHAN—*Lafave J. R. Lumber Co. (Hardwoods)
 Steiner Jos. H. (Saw Mill)
 CUBA—*Phelps & Sibley Co. (Hardwood, Lumber & Shingles)
 *Rowley William M. & Co. (Shingle Mill)
 DELEVAN—*Goo & Hopkins
 ELLICOTTVILLE—Ellicottville Milling Co. (Saw Mill)
 Rust & Olin (Saw Mill)
 ELMIRA—*Doane & Jones Lumber Co. (Car Trade a Specialty)
 FREDONIA—Kruse Frederick
 GALLUPVILLE—Haverly Bros (Saw Mill)
 GARFIELD—Atwater W. H. & Sons (Saw Mill)

GLENS FALLS—*Finch, Pruyn & Co., Inc.
 *Kendrick & Brown Co.
 GLOVERSVILLE—§Burr Bros. (Lumber & Saw Mills)
 *Holden Lumber Co. (Lumber)
 Peck A. W. & J. F.
 HAGEDORNS MILLS—Chase Stephen (Saw Mill)
 HARRISVILLE—Kilbourn R. A. Kimball & Son
 HERMON—Fairbanks R. J. & Sons (Saw Mill)
 HOLLAND—Griggs Ichabod N. & Son (Saw Mill)
 HOMER—Brown C. S.
 JAMESTOWN—Lindbeck Chas. (Planing Mill)
 Nelson Bros. (Planing Mill)
 §Ross Warren Lumber Co. (Hardwood)
 Wilson John T. (Est. of) (Planing Mill)
 LE ROY—Rogers F. C. (Planing Mill)
 LESTERSHIRE—*Lestershire Lumber & Box Co. (Sells Direct)
 McKEEVER—*Moose River Lumber Co.
 MARATHON—Burgess Jas. S. (Saw Mill)
 MARYLAND—Burnside Bros. (Saw Mill)
 MEXICO—Ames J. K. (Saw Mill)
 MIDDLE GROVE—Colburn Wilford
 MIDDLETOWN—§Gordon Lumber Co.
 MILLERS MILLS—Grosline W. (Saw Mill)
 MONSEY—Requa S. E. (Lumber)
 NEWBURGH—§Newburgh Lumber Co.
 *Newburgh Planing Mill Co.
 NEW HAMBURG—*Millard Lumber Co. (White Pine, N. Y. Spruce, Pa. Hemlock & Box Shooks)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—§Brooklyn Lumber Co. (Timbers), 452 Hamilton av
 Bossert Louis & Son, 1335 Grand 30 Church
 §Curtis-Brisbin Lumber Co., 3290 Atlantic av
 §Ferguson & Clarke, 517 Flushing av
 §Halsted Lumber Co., 529 84th
 §Jacobson A. C. & Sons, 81 Bridge
 Kells Mill & Lumber Co. (Oak & Cedar Planing & Saw Mills, Cedar Boat Boards & Materials), Java & Provost
 §Orr Jno. C. & Co., West c Java
 §Wilson C. W. & Co. (Yellow Pine, Timbers, etc), ft Kent

Boroughs of Manhattan and Bronx.

NEW YORK—§American Lumber Co. (Hardwood, Lumber & Timber), 30 Church
 *Atlantic Coast Lumber Corp., 1784 B'way
 §Baxter G. S. & Co. (Ties, Piling, Railroad Lumber, etc), 17 William
 §Becker C. L. & D. J. Co. (White Pine, Hardwood & Spruce), 290 B'way
 §Booth & Lewis Lumber Co. (Southern Pine), Grand Central Terminal
 §Burton J. H. & Co. (N. C. & Yellow Pine, Rift, Flooring & Cypress), 45 B'way
 *Cape Henry (Hardwood), 52 Vanderbilt av
 §Caskey C. R. Lumber Co., 1123 B'way
 §Chase, Talbot & Co., 27 William
 §Cooney, Eckstein & Co. (Douglass Fir, Idaho White Pine, Yellow Pine, etc), 66 Broad
 §Creed W. R. & Co. (L-L Yellow Pine), 1 Madison av
 §Crossley G. R. (Pitch Pine, etc, for Export), 11 William
 §Crombie W. M. & Co. (For Export & Domestic Trade), 81 New
 §Delatour A. J. (Hardwood), 176 Cherry
 §Dykes Lumber Co., 348 W 44th
 §Eckenroth F. & Son (Hardwoods), 921 E 5th
 *Emery Geo. D. Co. (Mahogany & Spanish Cedar), 220 11th av.
 §Eppinger & Russell Co. (Yellow Pine), 165 B'way
 §Export Lumber Co., 15 William

§Gardner Wood Co., 175 5th av
 Green A. H. Co. (Box Shooks, etc), 97 Warren
 §Haviland Lumber Co., 52 William
 Hawes Willard & Co. (Hardwoods, Imp), Lewis & Seventh
 *Herrmann H. Lumber Co., E 125th
 §Hirsch Lumber Co., 26 Beaver
 Huddleston-Marsh Mahogany Co., Hardwoods, Cottonwood, 33 W 42d
 §Jones Louis G. (Mahogany, Cabinet Woods, Veneers, etc), 146 Av D
 §Kalt Lumber Co., 314 E 64th
 §Langdon C. S. (Pitch Pine & Douglas Fir), 71 Beaver
 §Lewis Harry I. 62 Beaver
 §Lowry Robt. C. & Co. (Yellow Pine & Box Shooks), 23 Beaver
 §McDonald Jno. W. & Son, 106 Wall
 §Maloney J. A. & Co. (Yellow Pine & White Oak Timber, Maple Flooring, Spruce & N. C. Pine), 16 Beaver
 §Manning Chas. W. (Veneers & Panels, etc), 66 Broad
 §Milne Bros. Co., 18 B'way
 §Miner Stanley H. (Timber, Piles, Dock Logs, etc), 17 Battery pl
 §Monteath J. H. Co. (Cabinet Hardwoods), 202 Lewis
 *Montgomery Lumber Co. (Long Leaf Yellow Pine & Cypress), 52 Vanderbilt av, Mills, Suffolk, Va.
 *Morgan Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc; Shingles, White Cedar, Red Cedar & Pine), 6 E 39th
 §Mulgrew F. A. & Sons (Mahogany Saw Mills), ft E 8th
 §Murchie Horace B. & Co., 58 Pine
 North River Lumber Co., 531 W 57th
 Northern Lumber Co., Woolworth bldg
 §Parrott Wm. & Co., Produce Exch
 §Peale-Coryell Lumber Co. (Canada Spruce & Hardwoods), 200 5th av
 §Potter Jos. R. & Co., 270 W 126th
 §Provincial Lumber Co. (White Pine, Spruce & Hemlock), 16 Exchange pl
 §Rayner J. Co. (Mahogany & Veneers & Foreign Woods), 142 Goerck
 §Rennolds J. A. & Bro. (R. R. Piles, Ties, Poles & Posts), 116 Broad
 §Salmon Hamilton H. & Co., (Hardwood), 88 Wall
 §Shepard & Morse Lumber Co. (Cypress, N. C. Pine, etc), 200 5th av
 §Sherman A. Lumber Co. (White Pine & Spruce), Grand Central Terminal
 Simpson, Clapp & Co., 42 Whitehall
 §Sizer Robert R. & Co. (Yellow Pine) 15 William
 §Slaymaker S. E. & Co. (W. Va Spruce), 200 5th av
 §Storey W. M. Lbr. Co., 150 Nassau New York
 *Thayer T. W. Co., 18 Broadway
 §Turner J. C. Lumber Co. (White Pine Red Cedar, Cypress & Poplar) 1123 B'way
 Van Brunt J. C. & Sons (Saw & Planing Mills), 291 Monroe
 *Wayne Lumber Co. (Hardwoods, Maple & Birch), 44 Whitehall
 *Williams I. T. & Sons, 11th av & 25th
 *Yellow Pine Co. (White & Yellow Pine, Spruce & Hemlock), 16 Beaver

Borough of Queens.

LONG ISLAND CITY—Eppinger & Russell Co. (Yellow Pine), 1st
 (End of New York City)
 NORTH TONAWANDA—Alliger Box & Lumber Co. (Box Shooks, Box Lumber, Crating, etc)
 §Gillespie Jas. (Whol Comm)
 §Haines Lumber Co. (Pine & Red Cedar Shingles)
 §Jones R. T. Lumber Co.
 §Kelsey W. E. & Son
 §Large Bros., Lumber Co.
 §Mackenzie J. P. (Whol Lumber)
 §Ollie & McKean Lumber Co. (Whol Lbr)
 §Robinson Bros. Lumber Co. (White Pine & Shingles)

§Silverthorne Lumber Co. (Lumber & Shingles)
 §Smith, Fassett & Co. (White Pine)
 §Smith M. M. (Whol Commr)
 *Thompson, Hubman & Fisher (Planing & Lbr Mills)
 §Transfer Lumber & Shingle Co. (Red & White Cedar Shingles, Red Cedar & Spruce Bevel Siding & Spruce Factory)
 Transfer Stained Shingle Co. (Shingles)
 Twin City Lbr. Co.
 §Weston A. & Son
 OGDENSBURG—*Proctor Mfg. Co. (Lumber & Mill Work)
 *Skillings, Whitney & Barnes (Lumber Co. (White Pine))
 PARISHVILLE—Clark S. L. & Son (Lumber, Butter Tubs, etc)
 PARKERS—*Parker L. B. (Spruce & Hardwood Flooring)
 PERRY—Andrus David (Saw Mill)
 PHELPS—Fridley Seymour (Saw Mills)
 PIFFARD—Shattuck T. N. (Heading & Staves)
 PIKE—Powers Wm. (Saw Mill)
 PITCHER—Bennett Geo. W. (Saw Mill)
 POINT ROCK—Bates Orson C.
 PORTER CORNERS—Jones John S. (Saw Mill)
 RANDOLPH—Wilson Lydell L.
 ROCHESTER—§German-American Lumber Co.
 §Hollister Lumber Co. (Hardwood & Pine)
 §Miller John (White Oak & Pine)
 §Morse Wm. B. Lumber Co. (Hardwoods, Pine & Hemlock, Shingles etc)
 Valley Creek Lumber Co. (Hardwood)
 ROME—Comstock Edward Co.
 ROUSE POINT—*Millard Lumber Co. (Lumber & Box Shooks, Pine Spruce & Hemlock)
 SAMMONSVILLE—Sammons W. S. (Saw Mill)
 SANDY HILL—*Griffin Lumber Co.
 *Kenyon Lumber Co. (Lath, Saw Mill etc)
 SCHENECTADY—Peckham, Wolf & Co. Veeder & Brown
 SHERMAN—Simmons James H. (Shingle Mill)
 SIDNEY—§Siver M. L. & Co. (Pine, Spruce & Cypress)
 SOLSVILLE—Lyon's Mills (Saw Mills)
 SOUTH STOCKTON—Wakeman Frank M. (Saw Mill)
 SYRACUSE—§Bannon Lumber Co.
 §Chapman Lumber Co., 1322 Carbon
 §Kenyon Geo. G. Lumber Co. (Hardwood, Shingles, etc), 601 E Watts
 §McChesney & Tracy Lumber Co. (Pine & Hemlock, Shingles, etc), 120 Plum
 §McDowell John Kenyon, 211 Wilkin-son
 §Mann & Hunter Lumber Co., 834 S Salina
 TONAWANDA—†Bellinger A. A.
 §Brady Bros.
 Dodge & Bliss Co. (Box Shooks & Planing Mill) (See Jersey City, N. J.)
 §Eastern Lumber Co. (Mill Works)
 McLean Bros. (Whol. Lumber)
 *White, Gratwick & Mitchell (Lumber & Planing Mills)
 §Wilson Lumber & Box Co. (Lumber, Box Shooks & Baled Shavings)
 TROY—*Madden Lumber Co. (Lumber & Planing Mill)
 UNION CENTER—Howard B. (Saw Mill)
 UTICA—Downers Lumber Yard, 1011 Whitesboro
 Emporium Lumber Co. (Spruce, Hemlock & Hardwoods)
 Gibson G. P. & Son, 468 Genesee
 §Kellogg Chas. C. & Sons Co.
 §Nellis, Amos & Swift (Hardwood)
 Thomas Philip Sons Co., 1621 Kemble
 WARWICK—Horton M. V. B. (Saw Mill)
 WATERTOWN—§Harroun J. E. & Son (Spruce Flooring, Siding, Lath, Shingles & Box Shooks)
 WATERVLIET—§Waterman Smith A.
 WEBSTER CROSSING—White Charles H. (Saw Mill)
 WELLS—*Hesley M. B. (Hardwoods)

WELLSVILLE—*Coats Mfg. Co. (Hardwood)
 *Duke Oak Lumber Co. (Lumber, Timber & Shingles)
 *Fassett Fred W. (Hardwood)
 *Mess Matthew
 WEST BURLINGTON—Gardner O. C. (Woodenware)
 WEST ONEONTA—Rouse & Phillips (Saw Mills)
 WEST STOCKHOLM—Gibson G. N. & Son
 WEST WINFIELD—Hackley A. C. (Saw Mill)
 WHITESBORO—*Denton & Waterbury (Lumber, Lath & Shingles)
 WILLIAMSTOWN—Sage J. L.
 WILLSBORO—Highby H. A. (Saw Mill)
 WORCESTER—Hadsell Bros. Co. (Saw Mill)

NORTH CAROLINA.

ALLIANCE—Campen Samuel (Saw Mill)
 ALMA—*Alma Lumber Co.
 ASHEVILLE—*Cooper W. N. McEwen Lumber Co.
 ATKINSON—Murphy J. A. (Saw Mill)
 Hawes E. A., Jr. (Saw Mill)
 AUSTIN—Burchett & Billings (Saw Mill)
 BISCOE—Burt & Hicks
 *Kanoy C. E.
 BOARDMAN—*Butters Lumber Co. (N. C. Pine & Cypress)
 BOLTON—Waccamaw Lumber Co. (Cypress, N. C. Pine, Yellow Poplar, Tupelo Lumber, Lath & Shingles)
 BRIDGEWATER—Abernethy Lysterly Co. (Saw Mill)
 BURGAW—*Woodson & Graves (Band Sawn, Rough Kiln Dried N. C. Pine)
 CARTHAGE—Currie J. L. (Saw Mill)
 CHARLOTTE—Collins A. Lumber Co.
 Wearn J. H. & Co. (Lumber & Mfrs. Office Fixtures)
 DOVER—*Goldboro Lumber Co. (Yellow Pine Flooring & Finish)
 EDENTON—*Branning Mfg. Co. (N. C. Pine & Box Shooks)
 *Brown M. G. (Saw Mill)
 ELIZABETH CITY—Commander T. A. & Son
 GREENSBORO—*Brooks Mfg. Co.
 *Guilford Lumber Mfg. Co.
 GREENVILLE—Overton D. D. (Saw Mill)
 HERTFORD—Major & Loomis Co. (Saw Mill)
 HICKORY—*Hutton & Bourbonnais Co. (Lumber, Boxes & Shooks)
 HIGHPOINT—*Snow Lumber Co.
 LENOIR—*Wilson Lumber & Milling Co.
 MANCHESTER—Black Neill
 NEWBERN—*Blades J. B. Lumber Co. (N. C. Pine & Saw Mill)
 *Broadus & Ives Lbr. Co. (N. C. Kiln Dried Pine Shingles, etc)
 Elm City Lbr. Co. (Saw & Planing Mill)
 *Munger & Bennett
 *Pine Lumber Co.
 PLYMOUTH—*Plymouth Lumber Co.
 *Walker & Myers (Saw & Planing Mills)
 RALEIGH—Lassiter C. J. (Saw Mill)
 RED SPRINGS—Love J. M. & Co. (Planing Mill)
 *Pearsall A. B. (L. L. Yellow Pine)
 Sikes, McLean Lumber Co. (Saw Mill)
 ROPER—*Roper John L. Lumber Co. (N. C. Pine)
 SANFORD—*Sanford Sash & Blind Co. (Dressed, etc)
 WASHINGTON—Kugler Lumber Co.
 VILLIAMSTON—*Simmons Dennis Lumber Co. (N. C. Pine)
 *Wicomico Lumber Co.
 VILMINGTON—Chadborn Lumber Co.
 *Hilton Lumber Co.
 VINSTON-SALEM—*Hoover A. L. & Co. (Saw Mill)
 VINTON—Jordan & Parker (Lumber)
 Taylor W. P. (Lumber)

NORTH DAKOTA.

ARGO—*White Wm. H. & McCulloch Lumber Co.
 RAND FORKS—*Robertson Lumber Co.
 OHIO.
 KRON—Akron Lumber Co.
 Lyman-Hawkins Lumber Co.
 RCANUM—*Fourman Bros. (Saw Mill)
 RCHBOLD—*Gotshall Mfg. Co.

ASHLAND—*Shearer, Kagey & Co. (Saw Mill)
 BELLEVILLE — *Ritter P. (Lumber, Staves & Headings)
 BLUFFTON—Kimmel J. W.
 BOWLING GREEN—Bigelow Bros. (Saw Mill)
 BRADFORD—*Giboney Jacob (Saw Mill)
 BRYAN—*Moog John A. (Saw Mill)
 BURKETTSVILLE—*Birt Bros. (Saw Mill)
 CADIZ—*Long E. M. & Sons
 CAMBRIDGE—*Forney Chas. W.
 *Hoyle & Scott
 CAMPBELLSTOWN—Watts Bros. (Saw Mill)
 CEDARVILLE—Tarbox Lumber Co. (Saw Mill)
 CINCINNATI—Acme Veneer & Lumber Co. (Veneers, Thin Lumber & Mahogany Lumber), 8th & Harriet
 *Banning L. G. (Walnut, Quartered Oak, Ash & Mahogany), 5th & Main
 *Bennett & Witte (Ash, Oak, Elm Gum, Cypress, Poplar, etc), 222 W 4th
 *Boyd Chas. C. & Co. (Hardwood & Veneered Lumber), Glenn bldg
 *Browne H. R. (Yellow Pine, Poplar & Cypress), Fosdick bldg
 Cincinnati Hardwood Lumber Co., (Oak & Mahogany Veneers), 2624 Colerain av
 Crane C. & Co. (Hardwood Lumber & Box Lumber), 1739 Eastern av
 *Darling J. W. Lbr. Co. (Ash, Oak, Poplar, etc), 2d National Bk bldg
 Doppes J. B. Sons Lumber Co., 1250 Gest
 *Duhlmeier Bros. (Hardwoods, Mahogany, etc), Wad Dalton av
 *Dulweber Jno. Co. (Hardwood), Findlay & McLean
 *Enterprise Lumber Co. (Yellow Pine, Lath & Shingles), Buch. Norwd.
 *Farrin M. B. Lumber Co. (Poplar & Oak, Beveled Siding, Flooring, Oak for R. R. Ties, Fence Posts, Bridges, Ships, Dock Piling, etc), Station av & Winton pl
 *Freiberg Lumber Co. (Hardwoods, Mahogany & Spanish Cedar), Dalton & Findlay
 *Galle W. F. & Co. (Southern Hardwoods), 1262 Budd
 Graham Lumber Co. (Yellow Poplar), 41 E 4th
 Griffiths Jas. & Sons Co. (Planing Mill), Reading rd & E 12th
 *Hall C. R. Lumber Co., 407 Com. Tribune bldg
 Hay Lumber Co. (Hardwoods, Hardwood Flooring & Poplar), Spring Grove av & June
 *Heyl Philip F. (Pine, Poplar & Cypress), 1215 W 6th
 *Hinckley-Dwight Lumber Co. (Yellow Pine & Cypress), Gest & Dalton
 *Keeveny T. W. Lumber Co. (Pine, Hardwoods & Shingles), 1045 W 8th
 *Kipp B. A. & Co. (Hardwood), 818 W 6th
 *Lewin A. M. Lumber Co. (Yellow Pine & Cypress), Bank & McLean
 *Littleford Geo. (Hardwood), 1768 Central av
 Lockland Lumber Co., Wyoming & Mill
 *Mickle H. L. Lumber Co., 2d Natl Bk bldg
 *Mowbray & Robinson Co. (Poplar & Hardwoods, Car Stock, Ties, etc), 8th & Horn
 *Nicola, Stone & Meyers Co. (Pine & Hardwood), 1221 W Liberty
 *Ohio Veneer Co. (Mahogany & Thin Lumber & Veneers, Sliced, Cut & Sawn Quartered Oak Veneers), 2624 Colerain av
 *Owl Bayou Cypress Co. (Cypress Lumber & Shingles), Mills, Strader, La.
 *Perry Wm. H. Lumber Co. (Heavy Oak & Pine Timbers & Specialty), 1821 Gilbert av
 Pierson Lumber & Coal Co., Cooper & Cherry Northside
 *Radina L. W. Lumber Co. (Hardwoods), Clark & Dalton av
 *Richey Halsted & Quick (Poplar, Yellow Pine, White Pine, Oak), 702-3 Traction bldg

*Riemeier Lumber Co. (Hardwoods, Quartered & Plain Oak), Sumner nr Gest
 *Shiels Chas. F. & Co. (Hardwoods), Gest & McLean avs
 *Stone T. B. Lumber Co. (Yellow Poplar, Oak, Chestnut, Walnut, Gum, Cottonwood & Ash), Dalton & Hopkins
 Taft S. H., 16 Hulbert blk
 Trimble Cypress Co. (Cypress & Shingles), 508 Bell blk
 *Western Lumber Co. (Hardwood), 8th nr Evans
 *Wiborg Harry P. (Yellow Pine & Hardwood), Un. Cent. bldg
 CLARK—Conkle John, Jr. (Saw & Planing Mill)
 CLEVELAND—*Advance Lumber Co. (Pine & Hardwoods), Rockefeller bldg
 *Alexander Bros. Lumber Co., Schofield bldg
 Barner-Mead Lumber Co., 1962 E 107th
 *Central Lumber Co., Williamson bldg
 *Cleveland Box Co. (Resawn Lumber, Box Shooks, Packing Cases & Crating)
 *Cuyahoga Lumber Co., 1948 Carter rd
 *Euclid Av Lumber Co., 11710 Euclid av
 Federal Lumber Co., Guardian bldg
 *Fisher & Wilson Co. (White Pine), Rockefeller bldg
 *Foote C. H. Lumber Co., Scranton & Girard av
 *Gill Lumber Co., Hippodrome bldg.
 Greif Bros. Cooperage Co. (Barrels & Kegs & Stack Cooperage Stock), 1937 Willey av
 Interstate Lumber Co., The Arcade
 Lake Erie Lumber & Supply Co., 5459 Hamilton av
 *Martin-Barriss Co. (Mahogany & Cabinet Wood Mfrs. & Importers), 2048 W 3d
 *Mills-Carleton Co., 1886 Carter rd N W
 Nicola, Stone & Myers Co., Swetland bldg
 *Potter, Teare & Co., 1918 Carter rd
 *Prasse Lumber Co., 1864 Columbus rd N W
 *Saginaw Bay Co., 2106 W 3d S W
 Singletary Lumber Co., 1633 Merwin av
 COAL GROVE—*Yellow Poplar Lumber Co. (Yellow Poplar & White Woods)
 COLUMBUS—*Allen H. R. & Co., Commerce bldg
 *Bergin M. J. Lumber Co., 225 Denison av
 *Brasher H. D. Lumber Co.
 *Cones & Menefee, 450 W Broad
 *Davis A. C. Lumber Co.
 *Ritter W. M. Lumber Co., 115 E. Rich
 *Snider J. J. Lumber Co., Taylor av
 CUYAHOGA FALLS—Steele-Alderfer Co. (Hardwood)
 Snider J. J. Lumber Co., Taylor av
 DAYTON—*Dayton Lumber & Mfg. Co.
 *Edwards E. L. Lumber Co.
 *Gebhart-Wulchet Lumber Co.
 *Hartzell Geo. W. (All Kinds of Hardwoods)
 Hossafous H. C
 *Kuntz-Johnson Co.
 *Kuntz Peter Co.
 *Miami Lumber & Veneer Co. (Hardwoods)
 West Side Lumber Co.
 DELAWARE—*Battenfeld M. W.
 *Dunlap C. C. (Saw Mill)
 *McKenzie Lumber Co.
 EAST FULTONHAM—*Weller John W (Saw Mill)
 FINDLAY—*Parker Lumber Co. (Lumber & Mills)
 FORT RECOVERY—*Reuter G. A. (Hardwood)
 FORT LARAMIE—*Wise August (Saw Mill)
 GALENA—Bennett E. C. (Saw Mill)
 GREENFIELD—Barr W. L. (Saw Mill)
 HAMILTON—Dingfelder W. S. (Lumber & Planing Mill)
 HAMLER—*Panning Bros (Saw Mill)
 HOUSTON—*Barr N. W. (Saw Mill)
 IRONTON—*Fearon Lumber & Veneer Co. (Poplin, Rough & Dressed)
 *Ironton Lumber Co.

§Nigh Lumber Co., (Poplar, Ash & Walnut)
 *Ward W. G. Lumber Co.
 Whisler & Searcy Co. (Hardwood)
JEFFERSON—Beede M. W. & Son (Saw Mill)
KILLBUCK—Duncan J. C. (Saw Mill)
LAGRANGE—Ryan H. J. (Saw Mill)
LEIPSIC—Buckeye Stave Co. (Large, Saw, Planing & Stave Mill)
LINDSEY—Blokner Lumber Co. (Saw & Planing Mill)
LORAIN—Kratz George
LORAMIE—Wise August (Saw Mill)
LYNCHBURG—Turner Daniel (Saw Mill)
MADISON—Bates Delos (Saw Mill)
MAPLETON—Sherer E. (Saw Mill)
MANTUA—Parker N. D. & Sons (Saw Mill)
MESOPOTAMIA—Noble E. L. (Saw Mill)
MIAMISBURG—Wantz Lumber & Coal Co. (Hardwood)
MONROE CENTER—Felch L. G. (Saw Mill)
MOUNT ORAB—Hughes G. V. (Saw Mill)
NEW LEBANON—Slyder J. D. & I. (Saw Mill)
NEY—Fieldner & Son (Saw & Planing Mill)
NORWALK—Norton Hardwood Co. (Hardware & Saw Mill)
ORWELL—Sellers E. A. (Saw Mill)
OWENS—Seiter & Son (Saw Mill)
PAINESVILLE—Malin S. L. & Son
PATASKALA—Brooke Lumber Co. (Saw & Planing Mill)
ROCKFORD—Hawk A. J. Sons
SOUTH SALEM—Lunbeck Bros. (Saw Mill)
SPENCERVILLE—Reynolds W. A. Lumber Co. (Saw Mill)
SPRINGFIELD—Rawlins A. M. (Hardwood)
STOUT—Wamsley A. S. (Saw Mill)
STRYKER—Stryker Boat-Oar & Lumber Co.
SYCAMORE—Petty J. A. (Saw Mill)
TIRO—Allen B. F.
TOLEDO—Campbell Lumber & Mfg. Co. (& planing Mill), Hoag nr Dorr
 *Empire Lumber Co. (White & Yellow Pine)
 *Gotshall Mfg. Co.
 §Kelsey & Freeman (White Pine)
 §Trotter Lumber Co.
VAN WERT—Gleason Lumber Co. (Saw Mill)
VICKERY—Worrmann E. W. (Saw Mill)
WARREN—Helman D. L. (Saw Mill)
WATTSVILLE—Orwich Sherman
WAUSEON—Wauseon Lumber & Supply Co. (Hardwood)
 *Williams H. H. & Co. (Saw Mills)
ZANESVILLE—Drake Thos. Lumber Co. Herdman Sash, Door & Lumber Co.

OKLAHOMA.

ARDMORE—Chickasaw Lumber Co.
CHICKASHA—Stephensen-Browne Lumber Co.
MUSKOGEE—Muskogee Lumber Co.
RED ROCK—Foster Lumber Co.

OREGON.

ASHLAND—Ashland Mfg. Co.
ASTORIA—Astoria Box Co. (Boxes & Lumber)
 Astoria Timber & Lumber Co.
 *Hainmond Lumber Co.
AUDREY—King L. D.
BAKER—Oregon Lumber Co.
BEND—Shevlin-Hixon Co. (Idaho, Montana & Cal. Pine)
BRIDAL VEIL—Bridal Veil Lumbering Co.
CAMAS VALLEY—Thrush E. H. (Saw Mill)
COBURG—Booth-Kelly Lumber Co.
COTTAGE GROVE—Brown Lumber Co. §Chambers J. H.
CURTIN—Stewart & Delanney
 *Skidmore Wm. Sons & Co.
DALLAS—Williamette Valley Lumber Co., 518 Cherry
DUFUR—Dufur Lumber Co. Ward Bros.
EMPIRE—Southern Oregon Co.
EUGENE—Booth-Kelly Lumber Co. (Oregon Pine, Cedar & Hemlock)
 §Eugene Lumber Co.
FALLS CITY—Falls City Lumber Co.
FOSTER—Wodtli Fred.

GLENDALÉ—Glendale Lumber Co.
GLOBE—Jones E.
HOOD RIVER—Stanley-Smith Lumber Co.
LA GRANDE—Palmer Geo. Lumber Co. (Pine, Fir & Larch)
LEBANON—Lebanon Lumber Co.
LEONA—Leona Mills Lumber Co.
LINNTON—Clark & Wilson Lumber Co. §Noyes J. B. & Co.
LORANE—Addison Bros.
MARCOLA—Fischer Lumber Co.
MILLWOOD—Clark Lumber Co. (Saw & Shingle Mill)
MULINO—Trullinger D. L.
MYRTLE CREEK—Myrtle Lumber Co.
NEWBERG—Spaulding Chas. K. Logging Co. (Rough & Dressed Ash & Maple, etc)
PERRY—Grande Ronde Lumber Co.
PORTLAND—Anderson H. J. Co. (R. R. Ties & Piling), Broadway
 §Broughton & Wiggins Co. (Piling & Cedar Poles), Yeon bldg
 *Douglas Fir Lumber Co., Leon bldg
 *East Side Mill & Lumber Co., ft of Spokane
 §Eastern & Western Lbr. Co., 21st of N Front.
 *Falls City Lumber Co. (Soft Siletz, Yellow Fir Lumber & Red Cedar Shingles), Northwestern Bk bldg
 *Inman Poulsen Lumber Co. (Oregon Pine), ft of E Caruthers
 *Jones Lumber Co., 291 4th
 Menefee L. B. Lumber Co. (Saw & Shingle Mill), N. W. Bk. bldg
 *Multnomah Lumber & Box Co., ft of Baucroft
 §North Pacific Lumber Co., Ry. Exchange bldg
 *Pacific Export Lumber Co. (Pine, Fir & Nat. Spruce), Chamber of Commerce bldg
 §Pacific Mill & Timber Co.
 §Peninsula Lumber Co. ("Oregon" Fir Lumber, Car Material exclusively), ft of McKenna av
 §Portland Lumber Co. (Fir Lumber, Lath, Flooring, Ceiling, Dimension, Long Timbers), ft Lincoln
 *Shevlin Edwin C., Spalding bldg
 §Standard Box & Lumber Co., 63 E Water
 *Willamette Box & Lumber Co., Linton
RAINIER—Columbia River Door Co.
 *Stehman Bros. (Saw Mill)
ST. HELENS—St. Helens Lumber Co. (Fir)
ST. JOHNS—St. Johns Lumber Co.
SCHOLLS—Groner & Rowell Co.
SILVERTON—Silverton Lumber Co.
 SWEET HOME—Weedle A. L.
WALKER—Briggs Lumber Co.
WARRENTON—Kelly D. L. Lumber Co.
WEST PORT—Westport Lumber Co.
WOODBURN—Abaqua Lumber Co.

PENNSYLVANIA.

ALLEGHENY—Bruckman Lumber Co., Preble nr Island
 Schulze & Emanuel (Lumber & Planing Mill), 614 3d
 *Walter H. R. Lumber Co. (Hardwood & Yellow Pine), Fayette & Manhattan
ALLEN TOWN—Big Run Manfg. Co. (Hardwood & Staves)
 §Trexler Lumber Co.
ALPINE—Smith Wm. M. (Saw Mill)
ASHLAND—Bright H. F.
 Waldner Adam (Planing Mill)
AVONDALE—Hicks John H. (Saw Mill)
BARREE—Walker H. E. & Bro. (Lumber & Shingles)
BARTONSVILLE—Slutter L. L. (Saw Mill)
BEAVER FALLS—Brierly Frank F. & Sons
BECHTELSTVILLE—Stauffer A. T. B. (Saw Mill)
BELLEFONTE—Crider P. B. & Son (Lumber & Saw Mills)
BRADFORD—Bemis J. M. & Son
 §Bond Alfred J. (Hemlock), 124 Mechanic
 *Bradford Hdw. Lumber Co.
BROOKVILLE—Pocahontas Lumber Co. (Spruce, Hemlock & Hardwoods), Mills: Burner, W. Va.
 *Vanleer Bros. (Lumber & Planing Mill)
BURNT CABINS—Comer W. M. (Saw Mill)

CAMBRIDGE SPRINGS—Blystone W. C. & Son (Saw Mills)
CLARINGTON—Braden A. R.
CLEARFIELD—Clearfield Millwork & Lumber Co. (Ltd.), (Hemlock, Pine, Oak & Hardwood)
COATESVILLE—Ash Chas. W. (Saw Mill)
CONYNGHAM—Hess A. E. (Saw Mill)
COOKSBURG—Cook's A. Sons Co. (Lumber)
DANIELSVILLE—Hickory Lumber Co.
DUBOIS—DuBois Jno. E.
EASTON—Butz Edward M. (Planing Mill)
 Zearfoss & Hilliard Lumber Co. (Lumber & Saw Mill)
EBENSBURG—Griffith Webster (Maple Flooring, Hemlock & Hardwood)
ELIZABETH—Rhodes S. O. (Saw Mill)
ELK LICK—Compton Demetrius (Saw Mill)
EMPORIUM—Howard C. B. Co.
ENDEAVOR—Wheeler, Ayiesworth & Co. (Saw Mill)
 *Wheeler & Dusenberry (Lumber, Lath & Shingles, Pine Lumber up to 72 feet)
EVANS CITY—Dambach Edw. Co.
FELTON—Stabley W. H. (Saw Mill)
GRAND VALLEY—Wood, Williston P.
GUY'S MILLS—Morgan John (Saw Mill)
 Williams Bros. (Saw Mill)
HOLLIDAYSBURG—Irvine Robt. C.
 *Young Blair B. (Saw Mill)
IOLA—Eves A. W.
JOHNSTOWN—Dempsey Lumber Co. (Spruce, Hemlock & Hardwoods)
 *Murdock J. M. & Bro. (White Oak, Hemlock & Hardwood)
KANE—Mell-Vaill Lumber Co. (Rough & Dressed Lath & Shingles)
KNOXVILLE—Edgcomb W. H. & Sons (Mill Work)
KUTZTOWN—Gonser John R.
MARIENVILLE—Shields D. B.
MILLERSBURG—Snyder C. J. (Saw Mill)
MILTON—Clinger's D. Sons (Lumber & Planing Mill)
MONONGAHELA—Monongahela Saw & Planing Mill Co.
MONTGOMERY—Meixel, Coleman & Co. (Saw Mill)
NEBRASKA—Collins Truman D.
 *Collins, Darrah & Co.
 *Watson Lands Lumber Co. (Pine Lumber)
NEW BETHLEHEM—Andrews Lumber Co. (White Oak, White Pine & Hemlock, Timber & Lumber, also Planing Mill)
NEWTOWN—Watson A. W. & W. M. Co. (Saw & Planing Mill)
NORRISTOWN—Grater-Bodey Co. (Planing Mill)
NOXEN—Trexler-Turrell Lumber Co.
OLYPHANT—Peck Lumber Mfg. Co.
PAINTERSVILLE—Goss William Howard (Saw Mill)
PARNASSUS—Logan J. W. & Sons Co. (Lumber & Planing Mills)
PHILADELPHIA—Anderson & Slonaker, Del. av c Poplar
 §Betts Chas. M. & Co. (Pine, Cypress & Shingles), Bailey bldg
 §Bowers S. P. Co., 112 N. Broad
 §Bruner Owen M. Co. (White & Yellow Pine & Hardwood, Maple Flooring, Rift Yellow Pine, Flooring & Specialty), Land Title bldg
 §Buzby C. M. & Sons, 626 Wash'n av
 *Cherry River Boom & Lumber Co. (W. Va. Spruce, Hardwoods, Cypress & Pine), Land Title bldg
COALE THOMAS E. LUMBER CO.
 (Spruce, Hemlock, White Pine, Cypress, Long & Short Leaf Yellow Pine & Hardwoods), Bellevue Court bldg
 See adv index at end of book
 §Coolbaugh C. C. & Son Co. (Pine & Hardwood) 19th & Cambria
 §Coppock-Warner Lumber Co. (Yellow Pine), Land Title bldg
 §Craig Geo. & Sons (Mfrs. Hemlock, Spruce & Hardwood; Wholesale Long Leaf Yellow Pine), Morris bldg; Mills: Winterburn, W. Va.
 §Este Chas. Co., 3d & Allegheny
 §Fritz Wm. H. & Co., Crozer bldg
 §Garman A. St. Clair, 8th bl Diamond
 §Geissel & Richardson, Ridge av c Master
 §Gillingham Frank C. & Son Co., Norris n Richmond

§Hallowell & Souder (Hardwood, Pine & Cypress Lumber), Harrison bldg
 *Hammer Thos. B., Franklin Bank bldg
 §Holloway J. F. (Hemlock, Hardwoods & N. C. Pine), 312 Commercial Terrace blvd
 §Janney Jos. W., Pier 52, North Wharves
 §Kay Lumber Co. (Pine, Hemlock & W. Va. Spruce), Franklin Bank bldg
 §Kent J. S. Co. (All Pine, Spruce & Shingles), Harrison bldg
 §Ketcham Howard, 1160 N 3d
 §Kugler Geo. W. & Sons Co., 921 New Market
 Lear W. H. (Cypress & Hardwoods), 979 N Front
 §Little Jno. J., Land Title bldg
 *Little River Lumber Co., Franklin Bank bldg
 §Lloyd Sam'l & Co., Girard bldg
 §Lloyd Wm. M. Co., Ridge av c N 29th
 §Lukens Bros. (Pine, Spruce, Hardwood & Shingles), 9th & Girard
 §McIlvain J., Gibson & Co. (Hardwood a Specialty), Crozer bldg
 §Malone, Watson & Sons, Laurel St. Wharf
 Mingus & Rutter (Oak, Poplar, Bass, Hemlock, N. C. Pine & Other Hardwoods), Franklin Bk. bldg
 §Monarch Lumber Co., 15th & Market
 §Nass Geo. & Son, Broad & Vine
 §Otter Creek Boom & Lumber Co. (Hemlock), Witherspoon bldg
 *Pamlico Lumber Co. (N. C. Pine), Land Title bldg
 §Peart, Nields & McCormick Co., Harrison bldg
 §Pennell Edmond, Penna bldg
 §Provident Lumber Co., Water & Dickinson
 §Rayner & Parker, Commercial Trust bldg
 *Rice T. B. & Sons Co. (White Pine & Hemlock Lumber), Mifflin St. Wharf, Delaware River
 §Risley C. V. (R. R. Ties & Lumber), Phila. Bourse
 *Roper Jno. L. Lumber Co. (N. C. Pine & Cedar Shingles), Franklin Bank bldg
 §Schofield Bros. (White Pine, Spruce, Hemlock, etc), Penna bldg
 §Shearer Sam'l H. & Son, 1420 Chestnut
 *Sheip Henry H. Mfg. Co. (Hardwoods & Cigar Box Lumber), 6th & Columbia
 §Souder E. A. & Co. (Pine & Cypress), Franklin Bank bldg
 §Spiegle Geo. M. & Co., 18th & Somerset
 §Stokes Bros. Co., N W 30th & Chestnut
 §Talley's Thos. J. Sons (Piling, Hemlock, Pine, Spruce & Oak Bill Stuff), Land Title bldg
 §Ternan & White, 20th & Erie
 §Thompson Lewis & Co. (R R Ties & Posts), N. American bldg
 §Vrooman S. B. Co. (Ltd.) (Yellow Pine & Mahogany), 1133 Beach
 §Warner Geo., Drexel bldg
 §Weitzel Lumber Co., Sedgeley & Gtn. av
 §Whitmer Wm. & Sons (Inc.) (Hardwood, White Pine & Spruce), Finance bldg
 §Williams Alex. O., 6th & Berks
 §Williams J. R. & Co., Commercial Trust bldg
 *Williams & Van Roden (Ash, Poplar & Oak), 1345 Arch
 §Wistar, Underhill & Nixon, Real Estate Trust Co. bldg
 §Yellow Pine Co. of Phila. (Long & Short Leaf Yellow Pine), 30th & Spruce
 PINE GROVE—*Boyer Mahlon H. (Lumber & Saw Mill)
 Fegley Morris (Saw Mill)
 ITTSBURGH—§Allegheny Lumber Co., Ferguson bldg
 §American Lumber & Mfg. Co. (Timber, Lumber), Peoples Bank bldg
 §Babcock Bros. Lumber Co. (Saw Mills), Frick bldg
 §Babcock Lumber Co. (Hemlock, White & Yellow Pine & Maple Flooring, Hardwood & Shingles), Frick bldg
 Forest Lumber Co., Fulton bldg

Germain Co. (Southern Yellow Pine, Cypress), Farmers' Bank bldg.
 §Gillespie D. L. & Co. (Pitch Pine, etc), Oliver bldg
 §Hastings J. M. Lumber Co. (Yellow Pine), 541 Wood
 §Interior Lumber Co., Keenan bldg
 §Mitchell W. L., 508 Penn av
 §Munhall R. J. Lumber Co., Sidney & Brady
 §Nicola Lumber Co. (Red Cedar Shingles, Gum, Cottonwood, Hardwoods, Maple Flooring, etc), Farmers Bank bldg
 §Satler-Hamilton Lumber Co., Oliver bldg
 §Saw Mill Products Co. (Yellow Pine, White Pine Pattern & Flask Lumber, Fir & Oak Bridge Timbers), South av
 §Schuette Wm. & Co. Bdn Trust bldg
 §Terhune Lumber Co. (White & Yellow Pine & Hemlock), Oliver bldg
 §Thompson Dwight, House bldg
 §Walter H. R. Lumber Co. (Hardwood, Pattern, Yellow & White Pine), Fayette & Manhattan
 West Penn. Lumber Co. (Yellow Pine, White Pine & Hemlock), Farmers Bank bldg
 §West Virginia Lumber Co. (White Pine, Yellow Poplar, Oak & Chestnut), Conestoga bldg
 Wheeler J. R. & Co. (Pattern, Temple, Flask & Tank Lumber, Roofing & Furring Strips, Yellow Poplar for Carriage & Piano Mfrs.), Park bldg
 Willson Bros. Lumber Co. (Northern Pine, N. C. Pine & Shingles), Oliver bldg
 POTTSTOWN—Snyder Henry J.
 POTTSVILLE—Beecher & Barr (Mine Lumber, etc)
 *Georgia Carolina Lumber Co.
 *Glen Union Supply Co.
 Lymcoming Timber & Lumber Co.
 *Tennessee Lumber Mfg. Co.
 READING—Buch Bros.
 Central Lumber Co.
 REYNOLDSVILLE—Hollis J. A. & Son
 RIDGWAY—*Blue Stone Land & Lumber Co.
 *Hyde W. H. & Co.
 Thayer Henry S.
 ROCKWOOD—Wolf Penrose (White Oak, etc)
 ST. CLAIR—*Reichley Bros. & Co. (Mine Timber)
 ST. MARYS—*Kaul & Hall Lumber Co.
 *Portland Lumber Co.
 SCRANTON—*Ansley Lumber Mfg. Co. (Shingles, Flooring, etc)
 *Cherry River Boom & Lumber Co. (Spruce, Hemlock & Hardwoods)
 *Hebard-Cypress Co., Mills, Waycross, Ga.
 §Lackawanna Lumber Co. (Hemlock & Hardwood)
 §Newman J. J. Lumber Co.
 §Price & Howarth
 *Washburn, Williams & Co.
 SHAMOKIN—*Kulp Lumber Co.
 *Shamokin Lumber & Mfg. Co.
 SHEFFIELD—*Pennsylvania Lumber Co. (Lumber, Lath & Shingles)
 SHIPPENSBURG—Burns Harry (Saw Mill)
 SOUDERTON—*Souder Uriah H. (Saw Mill)
 SPRING MILLS—Finkle A. N. (White Oak & Pine)
 SUNBURY—*Whitmer-Steele Co.
 TAMAQUA—Zehner Jacob (Saw Mill)
 TEMPLETON—*Redinger S. G. & Sons
 TIDOUTE—*Hunter L. L. (Est. of)
 Stillman J. A. (Lime & Cement)
 TIONESTA—*Forman H. M. (Lumber & Ties)
 *Gaston G. G. (Lumber & Saw Mill)
 *Robinsonn G. W. & Son (Planing Mill)
 TOWANDA—Ellenberger & MacNeal
 TYRONE—*Beyer F. D. & Co. (Saw & Planing Mill)

UNIONTOWN—*Palmer & Semans Lumber Co. (Lumber, Lath & Shingles)
 URSINA—*Davis J. B. & Sons (White Oak, Poplar, etc)
 *Van Sickle E. Co. (not inc.) (White Oak, etc)
 WARREN—*Rogers Lumber Co. (Hemlock, Pine, Hardwood Flooring, Mouldings, Lath, Shingles, House Finish, etc)
 §West J. H. Lumber Co.
 *Wetmore L. D. Co.
 WILLIAMSPORT—§Birkle John A.
 *Bowman Lumber Co. (Hemlock, etc)
 *Breining John A. & Son
 *Central Penna. Lumber Co.
 *Coleman Harter & McCormick
 *Coleman John (Hemlock, etc)
 §Erdman Geo. F.
 *Emery Lumber & Coal Co. (Hemlock, Long, Large Bbls)
 *Hall John L.
 Hoover G. W.
 *Kavanaugh Daniel
 *Keystone Lumber Co.
 §Mansel James
 *Mansel & Metzger
 §Miller H. A. & Co.
 *Perley A. P.
 §Reese-Sheriff Lumber Co.
 §Roes Chas.
 *Sones C. W.
 *Walton P. B.
 §Williamsport Hardwood Lbr. Co.
 *Williamsport Planing Mill Co.
 WOODBURY—Frederick Adam (Saw Mill)
 WYALUSING—*Welles M. H. & G. H. Lumber Co.
 YORK—*Billmeyer & Small Co. (Hemlock, White Pine & Oak)

RHODE ISLAND.

PROVIDENCE—§Angell H. M. 49 Westminster
 *Crittenden Lumber Co.
 §Gage L. H. Lumber Co. (Hardwood), 32 Westminster
 §Kile & Morgan Co., R. I. H. Tr. bldg
 *Potter, J. A. & Co. (Southern Pine, etc.), Crary
 Talbot Bros. Co. (Box Shooks & Box Boards), Grosvenor bldg

SOUTH CAROLINA.

ALCOLU—*Alderman, D. W. & Sons Co.
 ALLENDALE—Bryan Bros. (Saw Mill)
 BUCKSPORT—*Richardson Cypress Lumber & Shingle Co.
 CHAPLIN—Robinson, C. P. (Saw Mill)
 CHARLESTON—§Anderson Lumber Co. (Lumber Ties and Shingles)
 *Burton, E. P. Lumber Co. (Cypress Lumber & Shingles)
 *Cook W. P. & Co. (Ties, etc)
 *Halsey Lumber Co.
 Simmons, Benj. I. (Lumber, Timber, Shingles, Yellow Pine, Lumber, etc.)
 EFFINGHAM—*Dargan Lumber Co. (Saw Mill)
 EHRHARDT—Ehrhardt, C. & Son (Saw Mill)
 FERGUSON—*Santee River Cypress Lumber Co. (Cypress, Ash, Gum, Cottonwood, Pine)
 GEORGETOWN—*Atlantic Coast Lumber Corp.
 HAMPTON—*Hampton & Branchville R. Lumber Co.
 KINGVILLE—Trumble Edwin (Saw Mill)
 LEESVILLE—Barr C. D. (Saw Mill)
 LORIS—*Bryant J. C. Co.
 LUMBER—*McKeithan D. T. Lumber Co. (Lumber & Saw Mills)
 McBEE—Ingram J. D. (Shingle Mill)
 MCCLELLANVILLE—Leland H. G. (Saw Mill)
 McCOLL—McLaurin W. B. (Saw Mill)
 PINWOOD—Broughton N. L. (Saw Mill)
 PROSPERITY—*Hunter & Saner (Lumber & Saw Mill)
 RIDGEVILLE—Thrower D. E. (Saw Mill)
 SWANSEA—Rast W. B. & Son (Saw Mill)
 WEST UNION—Brown Lumber Co. (Saw Mill)
 Shockley J. C. (Saw Mill)

When writing to firms listed
 in this book please mention
HENDRICKS'
COMMERCIAL REGISTER

TENNESSEE.

BRISTOL—*Stone-Huling Lbr. Co.
 CHATTANOOGA—*Card J. M. Lumber Co. (Hardwoods & Yellow Pine)
 Central Lumber Co., Chattanooga, Tenn.
 *Chattanooga Lumber Co.
 *Evans G. H. Lumber Co. (White & Red Oak & Poplar)
 *Field D. S. & Levi
 *Loomis & Hart Mfg. Co. (Saw & Planing Mills)
 JACKSON—*Coleman W. H. Co. (Tight Barrel Circled Headings, etc)
 JOHNSON CITY—*Harris Mfg. Co. (Hardwood Lumber)
 *White Lumber Co. (Maple, Chestnut, Hickory, Basswood & Poplar)
 KNOXVILLE—Kimball & Kopcke (Hardwood)
 Knoxville Lumber & Mfg. Co.
 Logan J. M. Lumber Co. (Wholesale)
 McCabe Walter (Wholesale)
 Maphet & Shea Lumber Co. (Wholesale)
 Maples Lumber Co. (Wholesale)
 *Michaels T. M. (Saw Mill & Lumber)
 River Side Lumber Co. (Mfrs)
 *Rose D. M. & Co.
 *Ross Lumber Co.
 *Vestal Lumber & Mfg. Co. (Tennessee Red Cedar, Band Sawed)
 LOUDON—Ward A. W.
 MEMPHIS—*Anderson-Tully Co. (Gum & Cottonwood Lumber)
 *Bennett Hardwood Lumber Co. (Southern Hardwoods, Oak, Ash, Gum, etc)
 Brown Geo. C. & Co. (Hardwoods, Red Gum)
 *Chickasaw Cooperage Co. (Cooperage Materials, etc)
 *Cole Mfg. Co.
 Crenshaw-Gary Lumber Co. (Red Gum)
 *Darnell-Love Lumber Co.
 *Dickson J. W. Co. (Oak, Ash, Gum, Cottonwoods, etc)
 *Gladden C. S.
 *Goodlander-Robertson Lumber Co. (Southern, All Kinds)
 *Holmes J. A. Lumber Co.
 Jordan J. P. & Co.
 *Major S. C. & Co. (Southern Hardwoods)
 *Memphis Hardwood Flooring Co. (Flooring)
 Memphis Stave Mfg. Co. (Slack Barrel Staves)
 *Memphis Veneer & Lumber Co.
 *Meredith J. P. Cedar Co. (Red Cedar, Piling, Poles & Posts)
 *Moore & McFerren (Cottonwood & Gum)
 *Russe & Burgess (Hardwood, Plain & Quartered Oak, Satin Walnut, Poplar, Tupelo, Gum, Bay Poplar)
 *Smith-Carothers Lumber Co. (Hardwood)
 *Sondheimer E. Co. (Gum, Cypress, Cottonwood, Ash, Elm, Poplar, Sycamore, etc)
 *Stark Jas. E. & Co. (Plain & Quarter Sawed White & Red Oak, etc)
 *Three States Lumber Co. (Hardwood)
 *Thompson Albert N. & Co. (Gum & Southern Hardwoods)
 *Thompson J. Lumber Co. (Hardwood, Oak, Ash, Poplar, Cypress, etc)
 Wheeler J. W. & Co. (Red Gum)
 MORRISON—Philpot Lumber Co. (All Kinds of Southern Hardwood)
 NASHVILLE—*Davidson Hicks & Greene Co.
 *Hayes A. L. Co. (Lumber & Tight Barrel Staves, etc)
 *Indiana Lumber Co. (Hardwood)
 *Lieberman, Loveman & O'Brien
 *Love, Boyd & Co. (Oak, Ash, Poplar, Chestnut, Sycamore, Hickory, Rough & Dressed)
 *Nashville Hardwood Flooring Co.
 *Nashville Tie Co. (Cross Ties & Cedar Piling)
 *Ransom John B. & Co. (Rough & Dressed Red Cedar, Yellow Poplar, Walnut, Ash, Oak & Red Cedar Flooring)
 *Tenn Oak Flooring Co. ("Tofco")

NORMA—*New River Lumber Co. (Hardwood)
 SOUTH PITTSBURGH—Haskew Lumber Co. (Saw Mill)
 WAVERLY—*Lucas Land & Lumber Co. (Lumber & Planing Mill)

TEXAS.

AVINGER—Rhyne A. M. & Co. (Saw Mill)
 BEAUMONT—*Beaumont Lumber Co. (Yellow Pine)
 *Industrial Lumber Co. (L. L. Yellow Pine)
 *Keith Lumber Co. (Yellow Pine)
 *Nona Mills Co., Ltd. (Yellow Pine)
 Sabine Tram Co. (Yellow Pine)
 CALL—Kirby Lumber Co.
 CAMDEN—*Carter W. T. & Bro. (Yellow Pine)
 DALLAS—*Clark & Boice Lumber Co. (Yellow Pine)
 *Craven Lumber Co. (Yellow Pine Lumber & Cypress Shingles)
 *Godley, Carroll Lumber Co.
 *O'Neil W. H. & Co.
 DIBOLL—*Southern Pine Lumber Co. (Yellow Pine)
 ELMINA—*Walker County Lumber Co. (Yellow Pine)
 GALVESTON—*Moore & Goodman (Lumber, Lath & Shingles)
 GROVETON—*Trinity County Lumber Co. (Yellow Pine)
 HOUSTON—Attoyac River Lumber Co.
 *Bender C. & Sons
 *Big Tree Lumber Co. (Yellow Pine Lumber & Red Cedar Shingles)
 *Bland Jeff Lumber & Bldg. Co.
 *Cameron Wm. & Co.
 *Carter W. T. Lumber & Bldg. Co. (Yellow Pine)
 *Carter W. T. & Bro.
 *Central Coal & Lumber Co. (L. L. Yellow Pine, La. Red Cypress, etc)
 *Continental Lumber Co. (Yellow Pine, Cypress, Shingles, etc)
 *Cummings C. R. Export Co. (Exporters, Hardwood)
 *Harrell Ed. H. Co. (L. L. Yellow Pine La. & Cypress Lumber, Interior Finishing, etc)
 *Hilgard Lumber Co.
 *Hill J. C. Lumber Co. (Lumber & Shingles)
 *Houston & Liggett (Red Cedar Lumber Taper Sawed Posts, Flooring, Telegraph & Telephone Posts)
 *Kirby Lumber Co.
 *Long-Bell Lumber Co.
 *Norris W. H. Lumber Co. (L. & S. Leal & Yellow Pine Lumber & "Gilbert's" Shingles)
 *Palmetto Lumber Co.
 *Rice J. S. & W. M. Lumber Co.
 *Sabine Lumber Co.
 *Texas & Louisiana Lumber Co. (Yellow Pine & Red Cypress Lumber, Lath, Pickets, Posts, Timbers, Ties, etc)
 *Thompson Bros. Lumber Co.
 *Thompson & Tucker Lumber Co. (Yellow Pine)
 *Trinity River Lumber Co. (Yellow Pine Lumber, Cypress Shingles)
 *Vaughn Lumber Co.
 *Ware Wm. Lumber Co. (L. L. Pine Lumber, Interior Finish, Flooring, Fencing, etc)
 Weir R. W. Lumber Co.
 *West Lumber Co.
 JEFFERSON—*Torrans Mfg. Co. (Yellow Pine)
 KELTYS—*Angelina County Lumber Co.
 KINGSVILLE—Kingsville Lumber Co.
 LONGVIEW—*Castleberry & Flewellen Planing Mill Co. (Yellow Pine)
 LUFKIN—*Lufkin Land & Lumber Co. (Yellow Pine)
 MANNING—Carter-Kelley Lumber Co. (Southern Yellow Pine & Cypress)
 ORANGE—*Lutcher & Moore Lumber Co. (Calcasien Long Leaf Yellow Pine)
 *Miller-Link Lumber Co.
 SAN ANTONIO—*Vaughan Lumber Co. (Yellow Pine)
 TENAHA—Parker H. C. & Bro. (Saw Mill)
 TEXARKANA—*Buchanan Wm. (Yellow Pine)
 *Southern Pine Lumber Co. (Yellow Pine)

TRINITY—*Peyton John B.
 *Thompson Bros. Lumber Co.
 WAUKEGAN—*Keystone Mills Co. (Yellow Pine)
 WESTVILLE—*West Lumber Co. (Yellow Pine)

UTAH.

PROVO—*Ward E. J. & Sons Co. (Lumber, Lath, Shingles, etc)

VERMONT.

BARTON LANDING—*Chandler E. L. Co.
 *Skinner Lumber Co.
 BENSON—Fowler J. M. (Saw Mill)
 BETHEL—Weston Ephr. M.
 BRATTLEBORO—*Holden & Martin Lumber Co. (Wood Mantels, Stair Finish, Boxes, Interior Finish)
 BRISTOL—Lathrop Noah & Son (Saw Mill)
 BURLINGTON—*Booth J. R. (Lumber & House Finish)
 *Crane W. & D. G. Co. (also Packing Boxes)
 Robinson Edwards Lumber Co. (Pine & Hardwood, Lath, Shingles & Flooring)
 *Shepard & Morse Lumber Co. Canadian & Western Pine)
 CHELSEA—Goodwin F. E. (Saw Mill)
 EAST BARNET—Roy Bros. (Saw Mill)
 EAST RANDOLPH—Camp D. J. (Saw Mill)
 ESSEX JUNCTION—Brownell S. A. & Co. (Saw Mill)
 FAIRLEE—Perkins S. W. (Saw Mill)
 GREEN RIVER—Stowe Hy. & Son (Saw Mill)
 HARDWICK—Sawyer C. M. (Saw Mill)
 HARTFORD—Pease Horace C.
 JOHNSON—Parker & Stearns (Saw Mill)
 LONDONDERRY—Wait Ch. S. (Saw Mill)
 MONTPELIER—Gisborne Co. (Saw Mill)
 Richardson Orville H. (Saw Mill)
 MORETOWN—*Ward Lumber Co.
 NORWICH—Sargent E. P. (Saw Mill)
 PEACHAM—Jennison O. M. (Saw Mill)
 PERU—*Hapgood J. J. & Co.
 RANDOLPH—Marcott O. J. & Sons
 RIPTON—Huntley W. S. (Saw Mill)
 RUTLAND—*Bissell E. W.
 Chaffee's F. Sons
 SHARON—*Preston A. B. (Shingles & Lbr.)
 Sawyer Otis C.
 SWANTON—*Webster Geo. & Sons (Basswood)
 TOWNSEND—Willard Chas. H. (Saw Mills)
 WAITSFIELD—Moriarty W. H. (Saw Mill)
 WASHINGTON—Huntington Chas. W. (Saw Mill)
 WEST BRATTLEBORO—Smith Leslie (Planing Mill)
 WEST DUMMERSTON—Taft John (Saw & Shingle Mill)
 WILLIAMSVILLE—Merrifield A. M. (Saw & Shingle Mill)
 WINOOSKI—White Robt. J.
 WORCESTER—Ladd C. M. (Saw Mill)

VIRGINIA.

ACHILLES—Rowe E. H. (Saw Mill)
 ARRINGDALE—*Camp Mfg. Co., Office, Franklin, Va.
 BRODNAX—Overbey Saw & Planing Mill
 CHARLOTTESVILLE—*Charlottesville Lumber Co.
 *King Lumber Co.
 CLAREMONT—*Arrington H. J. Co. (Hardwood)
 DELAWARE—*Baker-Minter Lumber Co. (Thin Box Material & Cigar Box Lumber)
 FRANKLIN—*Camp Mfg. Co. (N. C. Pine), Mills: Arringdale, Va.
 LYNCHBURG—*Massie & Pierce
 *Ward Lumber Co. (Yellow Pine & Hardwood)
 MARION—*U. S. Spruce Lumber Co. (Spruce, Hemlock & Hardwoods)
 NORFOLK—Baylor C. M. & Co. (Saw & Planing Mills)
 *Blake Frank W.
 *Briggs G. S. & Co. (Air Dried, Edge Stocks, Box Grades, etc)
 Cake Chas. W. (Saw & Planing Mills)
 Conwell & Co. (Mine Prop. Timber)

§Crockett Lumber & Pile Co.
 *Etheridge J. E. Lumber Co.
 *Fosburgh Lumber Co. (Kiln Dried North Carolina Pine, Rough & Dressed)
 §Freeman E. B. (N. C. Pine Boards)
 *Johnson-Greenleaf Lbr. Co.
 Lynnhaven Lumber Co. (Mine Prop. Timber)
 §McCullough Frank W. (Large Timber, etc)
 §McKann M. & Co.
 *Richmond Cedar Works
 *Roanoke R. R. & Lumber Co. (N. C. Pine)
 §Roper John L. Lumber Co. (N. C. Pine, Flooring, Ceiling, etc)
 *Rowland Lumber Co.
 §Trant John H., Jr., Sanford bldg
 §Virginia-Carolina Tie & Wood Co.
 Watkins E. A. & Bros. (Saw & Planing Mills)
 §Wilson Wood & Lumber Co.
 PORTSMOUTH—§Hart Jno. N. Lumber Co. (Saw & Planing Mill)
 RICHMOND—*Clark-Rhodes Lumber Co. (Pine, Timber & Hardwoods)
 §Elington & Guy (Yellow & N. C. Pine), 611 Times Dispatch bldg
 Francis W. R. & Bros. (Saw & Planing Mill) 1422 W Cary
 Gulf Red Cedar Co. (Red Cedar)
 §Gunn E. G. 2211 E Main
 §Gunn W. S. & Co., 1312 W Marshall
 *Hare Robinson-Hughes, 15th
 Heppert Jos. (Saw & Planing Mill), 906 Catherine
 Lea Lumber Co.
 *Montague Mfg. Co., (Saw & Planing Mill), 4 S 10th
 *Richmond Cedar Works (N. C. Pine, Rough & Dressed, Band Sawed, Poplar, Cypress Gum, etc), Fulton
 Richmond Wood Working Co. (Saw & Planing Mill)
 Siewers Richard A. (Saw & Planing Mill), 604 W Canal
 §Sitterding-Carneal-Davis Co. (Saw & Planing Mill), 1601 W Leigh
 §Taliaferro & Co., Mutual bldg
 §Winston, Miller & Clack
 §Woodward & Son (Yellow & White Pine, Hardwood of All Kinds, etc), 4 S 10th
 ROANOKE—*Central Mfg. Co.
 *Keys-Walker Lbr. Co.
 SUFFOLK—Gay John L.
 *Montgomery Lumber Co. (See New York)
 TEMPERANCEVILLE—Jones J. H. (Saw Mill)
 WEST POINT—Denmead Bros. (Saw Mill)
 §Richardson R. E. & Co.
 WOODSTOCK—Harris I. H. (Saw Mill)

WASHINGTON.

ABERDEEN—Aberdeen Lumber & Shingle Co. (Lumber & Shingles)
 *American Mill Co. (Lumber & Shingles)
 *Anderson & Middleton Lumber Co.
 *Bay City Lumber Co. (Saw Mill)
 *Big Creek Timber Co.
 *Coats-Fordney Logging Co. (Logging)
 *Donovan Lumber Co. (Saw Mill)
 *Federal Mill Co. (Branch of San Francisco)
 *Grays Harbor Logging Co. (Logging)
 *Grays Harbor Shingle Co.
 *Saginaw Timber Co.
 *Slade S. E. Lumber Co. (Branch of San Francisco)
 *Union Timber Co. (Logging)
 *Pacific Lumber Agency
 *West A. J. Lumber Co.
 *Wilcox Shingle Co.
 *Wilson Bros. & Co. (Saw & Planing Mill)
 *Wishkah Shingle Co.
 *CME—*Miller G. W. Shingle Co. (Red Cedar Shingles)
 ADDY—*Dearinger & Brunner (Saw Mill)
 ALDER—*Reliance Lumber Co. (Branch of Seattle)
 ALOHA—*Aloha Lumber Co.
 ALPINE—*Nippon Lumber Co. (Lumber & Shingles)
 NACORTES—Anacortes Lumber & Box Co.
 Cavanaugh J. H. & Sons (Shingle Mills)
 *Corbett Mill Co. (Shingle Mill)

*McGuire Cedar Lumber Co. (Saw & Shingle Mills)
 *Vincent G. E. (Shingles, etc)
 ARLINGTON—*Brown-Kunze Co. (Shingle Mill)
 *Verd Cedar Co. (Shingles, etc)
 *Wisconsin Timber Co. (Shingle Mill & Timber)
 ASOTIN—Farrish Arthur Lumber Co.
 ATTALIA—*Coulee Lumber Co.
 AUBURN—*Wilder J. E. (Lumber)
 BALLARD—(See Seattle)
 BELLEVILLE—*Butler Lumber Co. (Saw & Shingle Mills)
 BELLINGHAM—*Commercial Shingle Co. (Shingle Mill)
 *Futurity Investment Co. (Shingle Mill)
 *Hazel Mill Co. (Shingle Mill)
 *Jerns Nicholas (Shingle Mill)
 *Manley & Sons (Shingle Mill)
 *Mattson & Anderson (Shingle Mill)
 *Miller Bros. Lumber Co.
 *Minnesota-Western Lumber Co.
 Mogul Logging Co.
 *Morrison Mill Co. (Saw & Shingle Mill)
 Nestos Timber Co., Ltd.
 *Pancoast Shingle Co.
 *Silver Beach Shingle Co.
 *Whatcom County Shingle Co. (Shingle Mill)
 Whatcom Falls Mills Co. (Saw Mill, etc)
 *Wood E. K. Lumber Co. (Branch of San Francisco)
 BIG LAKE—*Day Lumber Co. (Saw & Shingle Mills)
 BIRDSVIEW—*Hightower Lumber Co. (Saw Mill)
 BLAINE—*Blaine Shingle Co.
 Morrison Mill Co. (Saw & Shingle Mill)
 BORDEAUX—*Mumby Lumber & Shingle Co.
 BOTHELL—Oakville Shingle Co. (Shingles)
 BOW—*Cleary Bros. (Shingle Mill)
 BREWSTER—*Gamble Lumber Co. (Saw & Planing Mill)
 BRYANT—*Stimson Mill Co. (Loggers)
 BUCKLEY—*Page Lumber Co. (Lumber & Shingles)
 BURNETT—*Knowlton B. E. (Saw Mill)
 BYRON—*Crab Creek Lumber Co.
 CAMAS—*Peterson Bros. (Saw Mill)
 CASHMERE—*Schmitt F. W. & Co. (Saw Mill)
 CASTLE ROCK—*Peabody & Buland (Shingle Mill)
 *Robin T. W. (Shingles)
 *Silver Lake Railway & Lumber Co. (Loggers, etc)
 CENTRALIA—*Eastern Railway & Lumber Co. (Shingles)
 *Lincoln Creek Lumber Co.
 Lumber Mfrs. Agency (Fir, Spruce, Cedar Lumber & Shingles, Fir Railroad & Structural Timbers, Car Materials, Yard Stock, Finish, Flooring, Ceiling, Lath & Cedar Shingles)
 *Martin H. H. Lumber Co.
 CHATTAROY—Sexton J. F. & Co.
 CHESAW—*Baker-Nealey Co. (Saw Mill)
 Richter Julius (Saw Mills)
 CLEAR LAKE—*Clear Lake Lumber Co. (Fir Lumber & Upright Swan & Clear Red Cedar Shingles)
 CLE ELUM—Miller & Short (Saw Mill)
 CLINTON—*Salisbury Bros. (Shingle Mill)
 CLIPPER—*Clipper Shingle Co.
 COLBY—*Colby Mill Co.
 COLFAX—*Potlatch Lumber Co. (Lumber & Planing Mill)
 CONCONULLY—*McDaniels Wm (Saw Mill)
 CONCRETE—*Baker River Lumber Co. (Shingle Mills)
 CONNELL—*Potlatch Lumber Co. (Branch of Potlatch, Idaho)
 COSMOPOLIS—*Grays Harbor Commercial Co. (Spruce & Red Cedar Shingles, Fir Tanks, Crossties, Poles, Dressed Lumber for Interior Finish, Ceiling, Siding, Wainscoting, Mill Work, Box Shooks, mixed cars of Lumber & Shingles, etc)
 COULEE CITY—*Wright Bros. Lumber Co., Ltd.

COUPEVILLE—*Island Mfg. Co. (Saw & Shingle Mill)
 CRESTON—Peasley J. D. & Sons (Saw Mill)
 CUSICK—*Phelps M. A. Lumber Co. (Saw Mill)
 CUSTER—*Custer Lumber Co. (Shingles)
 *Jeffers F. H. (Saw Mill)
 DALKENA—*Dalkena Lumber Co.
 DARTFORD—*Dart H. W. (Saw Mill)
 DEER PARK—*Stevens Lumber Co. (Saw Mill)
 DOTY—*Doty Lumber & Shingle Co.
 DRYAD—*Luedinghaus Bros. (Saw Mill)
 EATONVILLE—*Eatonville Lumber Co. (Saw Mill)
 *Eppler Lumber Co. (Branch of Tacoma)
 ECHO—*Onstine A. (Saw Mill)
 EDMONDS—*A. & C. Mill Co. (Shingle Mill)
 *Mowat Lumber Co. (Shingles, etc)
 *Union Shingle Co. (Shingles)
 *Wasser-Mowat Shingle Co.
 *Yost A. M. & Son (Lumber & Shingles)
 ELBE—*Cedar Shingle Co.
 *Elbe Lumber & Shingle Co.
 Pleasant Valley Shingle Co.
 ELLENBURG—*Kittitas Lumber Co. (Saw Mill)
 ELMA—Cloquallum Shingle Co.
 Elma Shingle Co.
 ENTIAT—*Gray Geo. H. & Son (Saw Mill)
 ENUMCLAW—*White River Lumber Co. (Drop Siding, Ceiling, Finish Edge, Grain Fir Flooring)
 ETNA—*Harvey Mill Co.
 EVERETT—*Baker Fred K. Lumber Co. (Red Cedar Lumber, Lath, Shingles & Mouldings)
 Blackman C. A. & Co. (Shingles)
 *Clark-Nickerson Lumber Co.
 *Clough-Hartley Co. (Saw & Shingle Mill)
 *Eclipse Mill Co. (Lumber & Shingles)
 *Everett Shingle Co. (Shingles)
 *Ferry-Baker Lumber Co. (Fir Lumber & Lath, Red Cedar, Beveled Siding, Shingles, etc)
 *Hartley Shingle Co. (Saw & Shingle Mill)
 *Jamison Mill Co. (Shingle Mill)
 *Mukilteo Shingle Co. (Shingle Mill)
 *National Pole Co. (Branch of Escanaba, Mich.)
 *O'Neal-Gowen Lumber Co.
 *Pacific Timber Co. (Fir Timbers, Deep Joist, Flooring, Ceiling, Cedar Siding & Shingles)
 *Rucker Bros. (Saw Mill)
 *Seaside Shingle Mill
 *Shull Lumber & Shingle Co.
 *Weyerhaeuser Lumber Co. (R. R. Timbers, Car Materials, Flooring, Finish, Ceiling, Siding, Newels, Mouldings, Wagon Bottoms, etc)
 EVERSON—*Hemmi-Nygren Mfg. Co. (Shingle Mill)
 FERNDAL—Pehrson Bros. Mill Co. (Saw Mill)
 FORKS—*Iverson J. B. (Saw Mill)
 FORTSON—*Fortson Shingle Co.
 *McCaughy Mill Co. (Branch of Seattle)
 GETCHELL—*Eggert G. S. (Shingles)
 GLOBE—*Globe Lumber Co.
 GOLDBAR—*Goldbar Lumber Co. (Saw & Planing Mill)
 GOLDENDALE—Klatt W. C. & Sons
 GOSHEN—*Fazon & Zimmers (Saw Mill)
 *Goshen Lumber Co. (Saw Mill)
 GRANITE FALLS—*Chappell Shingle Co. (Shingles)
 HARRINGTON—*Harrington Milling Co.
 HARTFORD—Rucker Bros. (Branch of Everett)
 HAZEL—*Lake Riley Mill Co.
 HEISSON—*Ryan-Allen Lumber Co.
 HIGH POINT—*High Point Mill Co. (Shingle Mill)
 HILLYARD—*Arlington Milling & Lumber Co.
 *Hillyard Lumber Co.
 HOBART—*Wood & Iverson
 HOQUIAM—*Coats Shingle Co.
 Corkey Bros. Logging Co. (Loggers)
 Davenport-Paine Co. (Loggers)
 *East Hoquiam Shingle Co. (Shingle Mill)
 *Endresen Spar & Timber Co.
 *Eureka Cedar Lumber & Shingle Co.
 *Grays Harbor Lumber Co. (Saw Mill)

•Hoquiam Lumber & Shingle Co.
 Lamb Frank H. Timber Co. (Loggers)
 •Lytle Logging & Mercantile Co. (Logging)
 •National Lumber & Mfg. Co. ("Grays Harbor" Fir & Spruce; mixed cars of Lumber, Mouldings, Columns & Lath)
 •Northwestern Lumber Co. (Spruce Fir & Cedar Shingles)
 •Wood E. K. Lumber Co. (Fir, Spruce & Box Mfrs. (Branch of San Francisco)
 INDEX—Index-Galena Co. (Pacific Coast Woods & Shingles)
 IONE—*Panhandle Lumber Co., Ltd. (Branch of Spirit Lake, Idaho)
 KALAMA—*Mountain Timber Co. (Branch of Omaha, Neb.)
 KELSO—*Coweman Driving & Rafting Co. (Loggers)
 •Kelso Lumber Co. (Saw Mill)
 •Moore J. N. (Shingle Mills)
 KENT—*Covington Lumber Co.
 KERRISTON—*Northwest Lumber Co. (Branch of Seattle)
 KETTLE FALLS—*Charlton J. J. (Saw Mill)
 KEYSTONE—*Stone Roller T.
 KNAPPTON—*Astoria Timber & Lumber Co. (Branch of Astoria, Ore.)
 •Knappton Mills & Lumber Co.
 KNOWLTON—*Brewster Lumber Co.
 LACENTER—*Brothers James W.
 LACEY—*Russell Thos. N. (Shingles)
 LAKE CITY—*Hillyard Lumber Co.
 LAKE KEECHELUS—*Flanagan Lumber Co. (Saw Mill)
 LAKE STEVENS—*Rucker Bros. (Saw Mill & Shingles)
 LAWRENCE—Bridge Shingle Co. (Saw Mill)
 LEAVENWORTH—*Lamb-Davis Lumber Co.
 LEBAM—Lebam Mill & Timber Co. (Saw Mill)
 LITTLE FALLS—*Stillwater Lumber Co.
 LITTLE ROCK—*Salmon Creek Lumber Co. (Saw Mill)
 LOON LAKE—*Holland-Horr Mill Co. (Branch of Spokane)
 LUCIA—*Lucia Lumber Co. (Saw Mill)
 LYLE—*Shippey O. E. (Saw Mill)
 LYMAN—*Skagit Mill Co.
 LYNDEN—*Lynden Mill & Light Co. (Shingle Mill)
 •Roo & Van Leeuwen Lumber Co.
 MCCORMICK—*McCormick Lumber Co. (Fir Yard Stocks, Flooring, Ceiling, Dimension, Long Timbers, Cross Arms & Shingles)
 MACHIAS—Bartlett Mill Co. (Shingles)
 MARKHAM—*Markham Shingle Co.
 MILAN—*Spokane Lumber Co.
 MONOHAN—*Allen & Nelson Mill Co. (Saw Mill, Lumber Mfrs., Piling, Loggers, Fir & Hemlock)
 MONROE—Johnson John (Saw Mill)
 •Monroe Mill Co. (Shingles, etc.)
 •Wagner & Wilson Lumber Co. (Cedar Shingles, Fir Flooring, etc.)
 MONTBORNE—Nelson-Neal Lbr. Co.
 MONTESANO—*Bishop E. K. Mill Co. (Clemons Chas. H. (Loggers)
 NAPAVINE—Emery & Ne son
 NATIONAL—*Pacific National Lumber Co. (Saw Mill)
 NORTH YAKIMA—Cascade Lumber Co. (Kilp Dried Western Pine, Lap Siding, Finnish, etc.)
 OLYMPIA—*Olympia Door Co. (Shingles, etc.)
 ORIN—Winslow Lumber Co.
 OSTRANDER—*Ostrander R'y & Timber Co. (Long Timber, Spars & Ties)
 PE ELL—*Yeoman Lumber Co.
 PILCHUCK—*Parker Bell Lumber Co.
 POMEROY—*Potlatch Lumber Co. (Lumber & Planing Mill)
 PORT ANGELES—*Eacrett Mill Co. (Shingles)
 •Filion Mill & Lumber Co.
 Puget Sound Mills & Timber Co. (Fir, Red Cedar, Spruce, Western Hemlock, Cargo Mills & Shingles)
 PORT BLAKELEY—*Port Blakeley Mill Co. (Telegraph Arms, Lumber, etc.)
 PORT GAMBLE—Pope & Talbot
 •Puget Mill Co. (See Seattle)
 PORT LUDLOW—*Puget Mill Co. (See Seattle)
 PRAIRIE—*Hoyt J. M. & Co. (Shingles)

PRESTON—Preston Mill Co. (Red Cedar Fir & Spruce Lumber & Red Cedar Shingles)
 RAYMOND—*Raymond Lumber Co. (Fir & Spruce)
 Siler Mill Co. (Spruce, etc.)
 •Willapa Lumber Co. (Fir, Spruce, Shingles, etc.)
 SCOTIA—Graham Chas.
 SEATTLE—*Allen & Nelson Mill Co. (Fir)
 •Atlas Lumber Co. (Fir, Red Cedar Lumber & Shingles), Atlas bldg
 Brace & Hergert Mill Co. (Saw Mills)
 •Bryant Lumber & Shingle Mill Co. (Lumber & Shingles)
 •Buckeye Lumber Co. (Cedar & Fir), Canal Lumber Co. (Red Cedar Shingles), Interbay Station
 •Chinook Lumber & Shingle Co. (Fir & Cedar)
 •Commercial Cedar Co., Lumber & Shingles)
 •David Lester W. Lumber Co. (Fir, Spruce & Cedar)
 •Day Lumber Co.
 Dunn Lumber Co. (Fir, Red Cedar Shingles), White bldg
 Foster-Morgan Lumber Co. (Fir), Henry bldg
 •Hartmann Neubert Lumber Co. (Spruce, Fir & Red Cedar)
 •Newell Mill & Lumber Co.
 •Northwest Lumber Co. (Shingles, etc.)
 •Old Oregon Lumber Co.
 Oregon-Washington Lumber & Mfg. Co. (Fir, Spruce, Mont., Idaho Pine), Henry bldg
 •Pacific Fir Co. (Timber, Piling, Ties, Red Cedar, Shingles, etc.)
 •Pine-Fir Co. (Cedar Shingles)
 •Pinkham J. E. Lumber Co.
 •Pioneer Lumber Co. (Fir, Spruce, Hemlock, Red Cedar, White Pine)
 •Preston Mill Co. (Fir)
 Puget Mill Co. (Fir), Mills, Port Gamby, Wash.
 •Reliance Lumber Co.
 •Roy E. B. Lumber Co. (Fir, Spruce & Red Cedar Lumber & Shingles)
 •Schwager & Nettleton (Inc.) (Fir, Cedar, Spruce, Idaho White Pine, Red Cedar Shingles)
 •Seattle Cedar Lumber Mfg. Co. (Sliding, Moulding, Columns, Newells & Shingles, etc.)
 •Seattle Construction & Dry Dock Co. (Fir, Cedar & Spruce Lumber, Spars & Piles)
 •Seattle Lumber Co. (Fir Lumber, Lath & Red Cedar Shingles)
 •Shepard-Trail Co. (Red Cedar, Spruce Fir, Cedar Shingles, etc.)
 •Sound Lumber Co. (Pacific Coast Lumber & Shingles)
 •Stetson & Post Lumber Co. (Saw Mills)
 Stevenson Lumber Co.
 •Stimson Mill Co. (Lumber, Shingles & Saw Mills)
 •Wilson Robert S. (Lumber & Red Cedar Shingles)
 Wollenweber O. Co. (Fir, Spruce & Shingles), White bldg
 SEDRO WOOLLEY—*Grand Rapids Shingle Co. (Shingles, etc.)
 •Shrewsbury H. H.
 SHELTON—*Simpson Logging Co.
 SILVER BEACH—*Jerns N. (Shingles)
 Mattson & Anderson
 •Silver Beach Shingle Co.
 SILVER LAKE—*Barnes F. G. (Shingles)
 SOUTH BEND—*Columbia Box & Lumber Co.
 •Kleeb Lumber Co. (Fir & Spruce Lumber, Fir Flooring, Ceiling, Stepping Fir Yard Shooks)
 •South Bend Mills & Timber Co.
 •Willapa Logging & Timber Co.
 SPOKANE—*Canadian-American Lumber Co. (Pine, Fir & Spruce)
 •Dean Lumber & Fuel Co. (Saw Mill)
 •Holland-Horr Mill Co.
 •McGoldrick Lumber Co. (Western Soft Pine, Idaho White Pine Lumber & Lath)
 •Musser Wm. Lumber & Mfg Co. (Western White Pine Siding, Finish, Factory Plank, Mouldings & Box Shooks)
 •Pine-Fir Co. (Cedar Shingles)
 Sexton J. F. & Co.
 •Spokane Lumber Co.

STANWOOD—*Stanwood Lumber Co. (Shingles, etc)
 STARTUP—*Wallace Lumber & Mfg. Co.
 TACOMA—*Big Creek Shingle Co. (Shingles, etc)
 •Bismarck Mill Co.
 •Danaher Lumber Co.
 •Defiance Lumber Co.
 •Dempsey Lumber Co. (Timber & Shingles)
 •Far West Lumber Co.
 •Foster Lumber Co. (Fir Lumber)
 •Hague Box & Lumber Co.
 •Howell-Hill Mill Co. (Shingles, etc)
 •Lindstrom-Handforth Lumber Co.
 McPhee & McGinnity Co.
 •Manley-Moore Lumber Co.
 •Mineral Lake Lumber Co. (Shingles, etc.)
 •Nebraska Bridge Supply & Lumber Co.
 •Pacific National Lumber Co. (Shingles, etc)
 •Pacific Shingle Co. (Shingles, etc)
 •Pacific States Lumber Co.
 •Puget Sound Lumber Co.
 •St. Paul & Tacoma Lumber Co. (Lumber, Ship & Bridge Timbers, Shingles, Lath, Spars, Piling, etc)
 •Savage Bros.
 •Scott & Howe.
 •Smith M. R. Shingle Co. (Shingles, etc)
 •Tacoma Fir Door Co.
 •Tacoma Mill Co. (Douglas Fir, Oregon Pine, Plank Timbers, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Shingles, etc)
 •Washington Mfg. Co.
 •West Coast Shingle Co. (Shingles, etc)
 •Wheeler-Osgood Co. (Cedar & Fir Sash, Doors, etc)
 •Wheeler-Reese Lumber Co.
 TOLEDO—Badger & Badger.
 VALLEY—*Kulzer Jno. G.
 VANCOUVER—Du Bois Lumber Co.
 WALLA WALLA—*Whitehouse-Crawford Co.
 WALVILLE—*Walville Lumber Co.
 WENATCHEE—*Wenatchee Lumber Co.
 WICKERSHAM—*Wickersham Shingle Co.
 WINLOCK—*O'Connell Lumber Co. (Wash'n Fir & Poles & Piling up to 100 ft. in length)
 •Veness J. A. Lumber Co. (Saw Mill)

WEST VIRGINIA.

ASBURY—*Alderson S. I. (Lumber)
 BERKLEY SPRINGS—Crosfield Wm. (Saw Mill)
 BLUEFIELD—*Georgia Lumber Co. (Saw & Planing Mill)
 Saxon Lime & Lumber Co.
 BUCKHANNON—*Alton Lumber Co. (Hardwood)
 •Stockert G. F. & Son
 CAMDEN ON GAULEY—*Cherry River Boom & Lumber Co. (Hardwood)
 CHARLESTON—*Charleston Lumber Co. (Saw & Planing Mill)
 •Courtney Co. (Poplar & Oak Lumber, R. R. Ties, Bill Stuff Light Cooperage Stock)
 •West Virginia Timber Co.
 Yellow Pine Lumber Co.
 DENMAR—Maryland Lumber Co.
 ELKINS—Elkins Pail & Lumber Co. (Wilddell Lumber Co.)
 GLEN JEAN—Hogg Lumber Co.
 HAMBLETON—*Otter Creek Boom & Lumber Co. (Hemlock)
 HUNTINGTON—Callaway C. M. Lumber Co.
 JENNINGSTON—*Laurel River Lumber Co. (Spruce, Hemlock & Hardwoods)
 LOCK SEVEN—*Mohler Lumber Co. (Poplar, Oak, Walnut & Ash)
 MILL CREEK—*Tygarts River Lumber Co. (Spruce, Hemlock & Hardwoods)
 MORGANTOWN—Athens Lumber Co. (Rightmire, B. W.)
 NICOLETTE—*Nicolette Lumber Co.
 PARKERSBURG—*Citizens' Lumber Co.
 •Everglade Cypress Lumber Co.
 •Jackson J. M. Lumber Co.
 Parkersburg Mill Co.
 Withers & Van Devender
 RICHWOOD—Cherry River Boom & Lumber Co.

T. ALBANS—American Column & Lumber Co. (Yellow Pine, Poplar & Hardwoods)
 *Bowman Lumber Co.
VHEELING—Wilson W. A. & Sons, 1409 Main
WHITE SULPHUR SPRINGS—Huddleston A. E. (White Pine, Saw & Planing Mill)
VINTERBURN—Craig Geo. & Sons. (See Phila., Pa.)

WISCONSIN.

PPLETON—Fountain J. Lumber Co. (Saw & Shingle Mill)
 *Jones G. W. Lumber Co. (Hardwood)
SHLAND—Schroeder John Lumber Co.
 *Scott-Taylor Co.
THENS—Braun Bros. & Co. (Lumber & Staves)
 *Rietbrock Land & Lumber Co.
TLANTA—Arpin Hardwood Lumber Co. (Northern Pine, Hemlock, Hardwoods & Cottonwood)
AILEYS HARBOR—Frueter Louis (Shingles)
AYFIELD—Wachsmuth Lumber Co.
ELOIT—Beloit Lumber Co.
ERLIN—Allen Lumber Co.
 *Wilbur Lumber Co.
IRNAMWOOD—Andrews B. B. (Saw Mill)
LANCHARDVILLE—Blanchardville Lbr. Co.
RILLION—Brillion Lumber Co.
RUCE—Beldenville Lumber Co. (Hardwood & Veneer)
ABLE—Rogan Bros. (Saw Mill)
ARTER—Miner Bros.
EDERBURG—Hilgen Mfg. Co. (Builders' Mill Work)
OLEMAN—Bolles E. E. & Co.
RANDON—Carpenter Bros. (Saw Mill)
 *Keith & Hiles Lumber Co.
MBERLAND—Beaver Dam Lumber Co.
ANCY—Altenberg George H. Lumber Co. (Saw Mill)
RUMMOND—Rust-Owen Lumber Co. (Cork, White Pine, Pattern, Box Materials, Beveled Siding & Factory Stock)
UNBAR—Girard Lumber Co. (Lumber, Lath, Shingles, Piling, Posts, Ties, etc.)
U CLAIRE—Kaiser Jno. H., Lbr. Co. (Lumber, Lath & Shooks)
 *Northwestern Lumber Co. (White Pine & Basswood)
OGERTON—Heddles Lumber Co.
KHORN—Elkhorn Lumber Co.
LSWORTH—Hines Frank, Jr., (Saw Mill)
AMHURST—Wunderlich George H.
IRCHILD—Foster N. C. Lumber Co.
ND DU LAC—Moore & Galloway Lumber Co.
RT ATKINSON—Zeugner - Hoffman Lumber Co.
ODMAN—Goodman Lumber Co. (Pine, Hemlock, Hardwood, etc.)
AND RAPIDS—Arpin Hardwood Lbr. Co. (Plain & Red Birch, Pine & Hemlock, Basswood, Siding, Ceiling & Hardwood Flooring)
 *Badger Box & Lumber Co. (Resawed Lumber)
 *Arpin John Lumber Co.
 *Kellogg Bros. Lumber Co.
 *Pigeon River Lumber Co.
EEN BAY—Cleerman Land & Lumber Co.
 *Diamond Lumber Co.
 *Northland Lumber Co. (Hard & Soft Lumber, Hemlock Lumber, Lath, Shingles & Posts)
 Valentine-Clark Co. (Cedar Posts, etc.)
 *White Lake Lumber Co.
ESHAM—Morgan O. E. (Saw Mill)
RTFORD—Denison & Coerper
WKINS—Ellingson Lumber Co.
RTONVILLE—Diesterl Co. (Saw & Planing Mill)
DSOIN—Central Lumber Co.
DEPENDENCE—Sprecher Lumber Co.
A—Wipf J. & Co.
ESVILLE—Thoroughgood & Co. (Cigar Box Lumber)
WAUNEE—Duvall Co.
L—Laun J. B.

KIMBALL—Kimball-Clark Co. (Hemlock & Hardwood Lumber, White Cedar Shingles, Basswood & Hemlock Lath)
LAC DE FLAMBEAU—Flambeau Lumber Co.
LA CROSSE—Colman C. L. Lumber Co. (Lumber, Shingles & Saw Mills)
 *Segelke & Kohlhaus Mfg. Co. (Sash, Doors & Mill Work)
LAFARGE—Lafarge Lumber Co.
LOYAL—Christman B. (Saw Mill)
 Graves A. A. (Saw Mill)
McMILLAN—McMillan B. F. & Bro. (Hemlock, Pine & Hardwood)
MADISON—Brittingham & Hixon Lumber Co.
MARINETTE—Brown-Mitchison Co. Ludington N. Co. (White & Norway Pine, Lath & Shingles & Saw Mill)
MARSHFIELD—Connor R. Co. Krause & Stone (Hardwood & Cottonwood)
 *Merryman Mfg. Co. (Lumber, Lath & Shingles)
 Sawyer-Goodman Co. (Pine, Hemlock, Hardwood, Lath, Shingles, Beveled Siding, Posts, etc.)
MASON—White River Lumber Co.
MATTOON—White Star Lumber Co. (Hemlock & Cedar), Office: Chicago, Ill.
MELLEN—Foster-Latimer Lumber Co. (Saw & Planing Mill)
 *Mellen Lumber Co.
MERRILL—Anson, Gilkey & Hurd Co. (Lumber, Lath, Shingles & Box Shooks)
MILWAUKEE—Bergland G. A., Matthews bldg
 Devere & Schloegel Lumber Co., 606 Park
 Forster Lumber Co., Majestic bldg
 Hilty M. Lumber Co., ft 12th
 *Johnson Lumber Co. (White Pine, Pattern, Templet & Flask Stock)
 *Landek Lumber Co. (Hardwoods, Basswood, etc.), First National Bank bldg
 *Rietbrock Land & Lbr. Co., 700 Cedar
 *Schroeder John Lumber Co., ft of Walnut
 *Steinman Lumber Co. (Lumber, Lath & Shingles), Park & 8th av.
 *Tegge Lumber Co., (Hardwood), 700 Park.
 *Tibbits-Cameron Lumber Co.
 *Wilbur Lumber Co., Pabst bldg
MORRIS—Buckstaff-Sprague Lumber Co.
MOSINEE—Mosinee Land, Log & Timber Co. (Saw Mill, Loggers, etc.)
NEW GLARUS—New Glarus Lumber Co.
NEW LONDON—Hatten Lumber Co. (Hardwood)
NORWALK—Walz Geo. A. (Saw Mill)
OCNTO—Holt Lumber Co. (Saw Mill)
 *Oconto Lumber Co. (Hemlock)
ODANAH—Stearns J. S. Lumber Co. (White Pine)
OSHKOSH—Campbell W. J. Lumber Co., Ltd. (Saw Mill)
 Fuller-Goodman Co.
 *Gould Mfg. Co. (Wholesale Mfrs. of Mill Works)
 *Hollister Amos & Co. (Saw Mills)
 *Kimball Clark Co.
 *McMillen R. Co. (Wholesale Mfrs. of Mill Work)
 *Morgan Co. (White Pine, Idaho Pine, Basswood, Ash, Elm, Maple, Oak, Hemlock, etc., Shingles, White & Red Cedar & Pine)
 *Morgan Lumber & Cedar Co. (White Pine, Idaho Pine, Ash, Basswood, Elm, Maple, Oak, Hemlock, etc., Shingles, White & Red Cedar & Pine)
 *Paine Lumber Co. (Ltd.) (Saw Mill & Wholesale Mfrs. of Mill Work)
 *Radford Bros. & Co. (Saw Mill & Wholesale Mfrs. of Mill Work)
 *Wagstaff W. J.
 *Wall-Spalding Lumber Co. (Wisconsin Hardwoods, Basswood, Hemlock & Cedar Shingles, etc.)
OWEN—Owen John S. Lumber Co. (Pine & Hardwood)
PELLA—Grosskopf Fred. A. (Saw Mill)
PESHTIGO—Constine Carl & Son (Lumber & Cedar)
 *Peshtigo Lumber Co. (Saw Mill)

PHILLIPS—Kneeland-McClurg Lumber Co. (Hemlock, Hardwood & Cottonwood)
PLATTEVILLE—Eastman Lumber Co.
RHINELANDER—Brown Bros. Lumber Co. (Hardwood, Pine & Hemlock Boxing & Crating Lumber)
 *Crosby C. P. (Ash, Birch, Elm, Hard Maple, Basswood, Oak, Beech, etc.)
 *Danielson & Pierce (Birch & Basswood)
 *Mason-Donaldson Lumber Co. (Hemlock & Hardwoods)
 O'Melia J. H. Lumber Co. (Northern Pine, Spruce, Hemlock, Hardwoods & Shingles)
 *Pierce A. S. (White Pine)
 *Robbins Lumber Co. (Pine, Lumber, Lath & Shingles)
 Stevens Lumber Co. (Saw Mill)
RIB FALLS—Baseman G. H. Mfg. Co.
RIB LAKE—Rib Lake Lumber Co.
RICE LAKE—Rice Lake Lumber Co. (Lumber Mfrs., Pine, Hemlock & Hardwood, Crating & Box Lumber)
RICHLAND CENTER—Krouskop A. H. (Hardwood Lumber, Basswood, etc.)
SCHOFIELD—Brooks & Ross Lumber Co. (Pine, Hemlock & Lath, Shingles, Pickets, etc.)
SEYMOUR—Miller & Piehl (Saw Mill)
SHEBOYGAN—Freyburg C. B. Lumber Co. (Lumber & Shingle Mills, etc.)
 *Wisconsin Timber & Land Co.
SOLDIERS' GROVE—Peterson A. (Saw & Planing Mill)
STANLEY—Northwestern Lumber Co. (Birch Mouldings, Flooring & Interior Finish, Dry Hemlock Lumber)
STEVENS POINT—Clifford Lumber Co.
 *Mitchell Wm. W. (Saw Mill)
 *Stevens Point Box Co. (Box Shooks)
 *Week John, Lumber Co.
STILES—Eldred Anson Co.
STRATFORD—Connor R. Co.
STURGEON BAY—Washburn, N. S. Lumber Co.
SUPERIOR—Rogers-Ruger Lumber Co.
SURING—Wagner Mercantile & Mfg. Co. (Saw Mill)
TAVERA—Ellsworth M. D. & Co. (Sawmill)
THORP—Boardman E. A. & Sons (Saw Mill)
 Bobb Peter E. & Co. (Saw Mill)
 *Nye Lusk & Hudson Co. (Pine & Hardwood)
TIGERTON—Badger Lumber Co. (Sawmill)
 *Tigerton Lumber Co. (Pine, Hemlock & Hardwood Lumber)
TOMAH—Goodyear C. A. Lumber Co.
TOMAHAWK—Bradley Co. (Lumber, Lath)
TONY—Hein John Co. (Saw Mill)
WASHBURN—Kenfield-Lamoreaux Co. (Crating Lbr.)
WAUSAU—Curtis & Yale Co. (Hardwood Flooring, Basswood, Ceiling & Siding, Pine Dimensions, Shingles, etc.)
 *Fenwood Lumber Co.
 *Goodwillie Bros. (Resawed Lumber)
 *Hale Mylrea Co.
 *Ingram Lumber Co.
 *Mortenson Jacob Lumber Co. (White & Norway)
 *Stewart Alex. Lumber Co. (Lumber, Lath & Shingles)
 *Thompson & Fleith Lumber Co.
 *Wausau Box & Lumber Co. (Lumber & Box Shooks)
 Wausan Southern Lbr. Co. (Southern Yellow Pine, Cypress)
 *Wisconsin Box Co. (Pine & Basswood Lbr. & Box Shooks)
 *Wisconsin & Arkansas Lumber Co.
 *Yawkey Lumber Co.
WESTBORO—Westboro Lumber Co.
WINNECONNE—Winneconne Lumber Co.

WYOMING.

EVANSTON—Atkinson Lumber & Real Estate Co. (Saw Mill & Lumber)

7654—Lumber Mfrs. & Wholesalers (Gum)

Anderson-Tully Co. (Red), Memphis, Tenn.
 Askins & Dircks Lumber Co., Union City, Tenn.
 Bayou Land & Lumber Co. (Red), Cincinnati, O.
 Bennett & Witte, 222 W 4th, Cincinnati, O.
 Bonner J. H. & Sons (Red), Heth, Ark.
 Brown Geo. C. & Co. (Red), Memphis, Tenn.
 Buffalo Hardwood Lumber Co., 940 Seneca, Buffalo, N. Y.
 Carrier Lumber & Mfg. Co. (Red Gum, etc.), Sardis, Miss.
 Cincinnati Cigar Box Co. (Gum Lumber Veneered), 2nd & John, Cincinnati, O.
 Cleveland Lumber & Mfg. Co., Cleveland, Tenn.
 Crenshaw-Gary Lumber Co. (Red), Memphis, Tenn.
 Cypress Lumber Co., 88 Broad, Boston, Mass.
 Darling J. W. Lumber Co., 2nd Natl. B'k bldg., Cincinnati, O.
 Dickson J. W. Co., Memphis, Tenn.
 Elias G. & Bro., 965 Elk, Buffalo, N. Y.
 Farrin K. Lumber Co., Station av & Winton pl, Cincinnati, O.
 Faust Bros. Lumber Co. (Red), Jackson, Miss.
 Frost-Johnson Lumber Co., Huttig, Ark.
 Himmelberger-Harrison Lumber Co. (Red Gum), Morehouse, Mo.
 Hurd O. P., Jr., & Co., Cairo, Ill.
 Jones G. W. Lumber Co., Appleton, Wis.
 Kraetzer-Cured Lumber Co., Moorehead, Miss.
 McLean Hugh Lumber Co., Buffalo, N. Y.
 Lamb-Fish Lumber Co., Charleston, Miss.
 Miller Lumber Co., 893 Eagle, Buffalo, N. Y.
 National Cooperage & Woodenware Co., Peoria, Ill.
 Nock W S. (Lumber & Mfrs. Barrels, Black Gum), Hallwood, Va.
 O'Reilly Lumber Co., Main & Chambers, St. Louis, Mo.
 Paepcke-Leicht Lumber Co., 111 W Washington, Chicago, Ill.
 Richmond Cedar Works, Fulton, Richmond, Va.
 Roper John L. Lumber Co., Norfolk, Va.
 Sanders J. S. & Co., (Green Gum), Islandton, S. C.
 Santee River Cypress Lbr. Co., Ferguson, S. C.
 Scatterd & Son, Ellicott sq., Buffalo, N. Y.
 Smith-Carothers Lumber Co., Memphis, Tenn.
 Standard Hardwood Lumber Co., Buffalo, N. Y.
 Stewart I. N., Peoples Bank bldg, Buffalo, N. Y.
 Stone T. B. Lumber Co., Dalton & Hopkins, Cincinnati, O.
 Sutherland-Innes Co., 29 B'way, New York
 Taylor & Crate, Prudential bldg, Buffalo, N. Y.
 Thomas & Proetz Lumber Co., Hall & Angelrodt, St. Louis, Mo.

Thompson James Lumber Co., Memphis, Tenn.
 Three States Lumber Co., Memphis, Tenn.
 Werner Louis Saw Mill Co., Fullerton bldg, St. Louis, Mo.
 Wheler J. W. & Co. (Red), Memphis, Tenn.
 Wiborg & Hanna Co., Cleveland, O.
 Yeager Lumber Co., 932 Elk, Buffalo, N. Y.

7655—Lumber (Mahogany)

Palmer & Parker Co., 103 Medford, Boston, Mass.
 Thompson Lewis & Co. (Lumber & Veneers), N American bldg, Phila., Pa.

7656—Lumber (Pattern & Flask Stock)

American Lumber & Mfg. Co. (Soft Cork White Pine), Peoples Bank bldg, Pittsburgh, Pa.
 Bosken Lumber Co. (White Pine), Evans & Erie, Cincinnati, O.
COALE THOMAS E. LUMBER CO. (Bone Dry Old Growth Michigan Soft Cork White Pine for Immediate Shipment, Water Cured Stock), Bellevue Court bldg, Phila., Pa.
See adv index at end of book
 Fisher & Wilson Co. (Mich. Cork White Pine), Rockefeller bldg, Cleveland, O.
 Foss E. B. & Co. (Dry Cork White Pine), Bay City, Mich.
 Johnson Lumber Co., Milwaukee, Wis.
 Lansing Lumber Co., 824 N Main, Providence, R. I.
 Large Bros. Lumber Co. (White Pine Pattern), N Tonowanda, N. Y.
 Martin-Barriss Co., 2048 W 3rd, Cleveland, O.
 Thompson Lewis & Co. (Mahogany & Veneers), N American bldg, Phila., Pa.
 West Virginia Lumber Co. (Soft Cork White Pine), Conestoga bldg, Pittsburgh, Pa.
 White Charles H. & Sons Co., (White Pine & California Red Wood), 18th & Indiana, Phila., Pa.

7657—Lumber (Southern Hardwood)

American Lumber & Mfg. Co., Peoples Bank bldg, Pittsburgh, Pa.
 Farrin M. B. Lumber Co. ("Century" Oak Flooring, Poplar Siding, etc), Station av, Winton pl, Cincinnati, O.
 Wood-Mosaic Co., New Albany, Ind.

7658—Lumber (Templet)

American Lumber & Mfg. Co., Peoples Bank bldg, Pittsburgh, Pa.
COALE THOMAS E. LUMBER CO. (Michigan & Oregon Bone Dry Templet Stock Always on Hand) Bellevue Court bldg, Phila., Pa.
See adv index at end of book
 Foss E. B. & Co., Bay City, Mich.
 Johnson Lumber Co., Milwaukee, Wis.

7659—Luncheonettes

Bishop-Babcock-Becker Co. Cleveland, O.

7660—Lycopodium

McKesson & Robbins (Imp.), 91 Fulton, New York
 Wiarda John C. & Co. (Imp.), 273 Greene, Brooklyn, N. Y.

7661—Lye

American Chemical Co., 640 Carr, Cincinnati, O.
 Babbitt B. T. (Inc.), (Pure Concentrated), 11 B'way, New York
 Brookman Mfg. Co., 664 Wells, Chicago, Ill.
 Champion Chemical Works, 19 W Austin, Chicago, Ill.
 Eagle Lye Works, 28 Erie, Milwaukee, Wis.
 Hall E. N., 396 B'way, New York
 Mechling Bros. Mfg. Co. (Borax), Camden, N. J.
 Mendleson A. Sons, Albany, N. Y.
 Myers E. Lye Co., 3d & Clark, St. Louis, Mo.
 Penn Chemical Works ("Banner," Powdered & Crushed), 1332 Washington av, Phila., Pa.
 Penna. Salt Mfg. Co., Widener bldg, Phila., Pa.
 Philadelphia Lye & Chemical Co., 1811 Fitzwater, Phila., Pa.
 Schield Wm. Mfg. Co., 619 N 2d, St. Louis, Mo.
 Tomson P. C. & Co., 29 Washington, Phila., Pa.
 Wiarda John C. & Co. (Caustic Lye), 273 Greene, Brooklyn, N. Y.

**7661a—*Lytho-Zinc Reproductions
NEW YORK BLUE PRINT PAPER CO.,
102 Reade, New York****7662—Macadam Plants**

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

Macadam Roads

See Contractors, Building & General

7663—Machetes

Disston Henry & Sons, Tacony, Phila., Pa.

7663a—*Machine Building**MACHINE OR PARTS
BUILT ON CONTRACT**

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BELLEVUE COURT BUILDING, PHILADELPHIA, PA.

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7664—*Machine Milling Work

FOOTE BROS. GEAR & MACHINE CO.,
210 N Carpenter, Chicago, Ill.
See adv index at end of book
ANSCHOW WM. CO., 1001 Washington
blvd, Chicago, Ill.
See adv index at end of book

7665—*Machine Parts (Finished)

DETROIT SCREW WORKS, 348 Franklin,
Detroit, Mich.
See adv index at end of book
**Meyer W. F. Diamond Saw Co. (Auto-
matic),** Bedford, Ind.
Head & Co., Iron Works, 98 Pine, Jersey
City, N. J. *See adv index at end of book*

7666—*Machine Parts (Hardened & Ground)

DETROIT SCREW WORKS, 348 Franklin,
Detroit, Mich.
See adv index at end of book
Head & Co., Iron Works, 98 Pine, Jersey
City, N. J. *See adv index at end of book*

Machine Screw Work

See Screw Machine Products

Machine Shop Furniture

See Steel Factory Equipments

666a—*Machine Tool Attachments

**ewman Mfg. Co. (for Engine Lathes,
Drill Presses, etc.),** 717 Sycamore,
Cincinnati, O.; 68 W Washington,
Chicago, Ill. *See adv index at end of book*

667— Machine Tools

or Manufacturers of Machine Tools see
the specific article; for Dealers, see Ma-
chinists' Tools & Supplies; also Ma-
chinery Dealers.



**Electric Controllers
and Starting Rheostats**
for all classes of motor
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Automatic types also.

**The Cutler-Hammer
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1200 St. Paul Avenue,
Milwaukee, Wis.

668—Machine Work (Automatic)

assady-Fairbank Mfg. Co., 6126 La Salle,
Chicago, Ill.

**669—*Machine Work (For Auto-
mobiles)**

DETROIT SCREW WORKS, 348 Franklin,
Detroit, Mich.
See adv index at end of book
NORTHERN ENGINEERING WORKS,
9 Chene, Detroit, Mich.
See adv index at end of book

**670—*Machine Work (General
Contract)**

LOUNT ENGINEERING CO., 100 High,
Boston, Mass. *See adv index at end of book*

LOUNT ENGINEERING CO.
100 HIGH ST-BOSTON-MASS.
WORK PLACED WITH US MEANS WORK DONE TO YOUR SATISFACTION

*Machine Contracting Machine Designing
Machine Jobbing Int. Combustion Engineering
Gear Cutting Experimental Work*

McCULLOCH A. P. MACHINE CO., 216
High, Boston, Mass.
See adv index at end of book

**CONTRACTING
MACHINISTS**

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Dies, Jig and Fixtures. McCulloch
Inspector's Compound Bench Plates.

A. P. McCulloch Machine Co.
216 HIGH ST. BOSTON, MASS.

Snead & Co., Iron Works, 98 Pine, Jersey
City, N. J. *See adv index at end of book*
TREADWELL CONSTRUCTION CO.,
Midland, Pa. *See adv index at end of book*

Machinery

For Dealers in Machinery, see Machinery
Dealers; also Machinists' Tools & Sup-
plies.

Note.—For various kinds of Machinery
Manufacturers see sub-classifications of
this head following in their regular alpha-
betical order. See also Drills of various
kinds; Lathes of various kinds; also
Planers, various kinds; also Sugar Ma-
chinery; also Textile Machinery, etc.; also
Compressors, Air; also Blowers; also
Conveyors; also Cranes; also Dynamos &
Motors; also Elevators; also Engines; also
Locomotives; also Presses of various
kinds; also Pumps; also Road Rollers of
various kinds. For page numbers, see
Index of Contents.

See also Machinists & Founders

Abattoir Machinery

*See Packing House Machinery; also
Slaughter House Machinery*

7671— Abrading Machines

**Clark & Mills Electric Co. (For Testing
Road Making Materials),** Cambridge,
Mass.
International Instrument Co., 23 Church,
Cambridge, Mass.

**7672—Abrasive Metal Cutting Ma-
chines**

Peter Bros. Mfg. Co., Algonquin, Ill.
Slack Mfg. Co., Springfield, Vt.

7673—Acid Cleaning Machines

Torrington Mfg. Co., Torrington, Conn.

7674— Adding Machines

*See also Calculating Machines; also Type-
writers, Adding & Billing*

**Adder Machine Co. ("Wales" Visible List-
ing & Adding),** Wilkes-Barre, Pa.
American Adding Machine Co., Mills bldg,
San Francisco, Cal.

**AMERICAN CAN CO. ("American" Non-
Listing),** 120 Broadway, New York
See adv index at end of book

**Automatic Adding Machine Co. ("Gem"
Automatic),** 148 Duane, New York
Automatic Bookkeeping Register Co., S
cor 18th & Wyandote, Kansas City,
Mo.

Barrett Adding Machine Co. (Portable),
Bulletin bldg, Phila., Pa.
Brandt Cashier Co., 727 S Dearborn,
Chicago, Ill.

Burroughs Adding Machine Co., Detroit,
Mich.

Cash Mercantile Co., 102 Battery, San
Francisco, Cal.

Cluley Multiplier Co., Green Bay, Wis.
Comptograph Co., 1717 N Paulina, Chi-
cago, Ill.

Dalton Adding Machine Co. ("Dalton"),
Norwood, Cincinnati, Ohio

Elliott-Fisher Co., Monadnock bldg, San
Francisco, Cal.

Ensign Mfg. Co. (Electric), 19 Brook,
Faneuil, Boston, Mass.

Felt & Tarrant Mfg. Co., (Comptometers,
Adding, Billing), 1717 N Paulina, Chi-
cago, Ill.

Grand Rapids Brass Co., Grand Rapids,
Mich.

**Hainer Bookkeeping Machine Co. ("Provi-
dence")** 45 Willard av, Providence,
R. I.

International Money Machine Co., Terre
Haute, Ind.

Marchant Calculating Machine Co., Oak-
land, Cal.

Mechanical Accountant Co., 17 Warren,
Providence, R. I.

Monroe Calculating Machine Co., 625 Mar-
ket, San Francisco, Cal.

Morschhauser, W. A. ("Millionaire"), 1
Madison av, New York

Morse Adding Machine Co., 430 N Oakley,
Chicago, Ill.

Muller Oscar Co. ("Tim," "Unitas," Imp),
32 Broadway, New York

**Reuter Carl H. ("Brunsviga" & "Burk-
hard"),** Land Title bldg, Phila, Pa.

Standard Adding Machine Co., Forest Park
bldg & Spring av, St. Louis, Mo.

Sunstrand Adding Machine Co., Rockford,
Ill.

Tabulating Machine Co., 50 Broad, New
York

Triumph Adding Machine Co., 78 Smith,
Brooklyn, N. Y.

U. S. Adding Machine Co., 101 Park av,
New York.

Wahl Adding Machine Co., 232 E Ohio,
Chicago, Ill.

White Adding Machine Co., New Haven,
Conn.

**7675—Addressing & Mailing Ma-
chines**

**Addressing Machine Co. (Machines for Ad-
dressing Tags),** Buffalo, N. Y.

Addressograph Co., 901 W Van Buren, Chi-
cago, Ill.

Challenge Machinery Co., Grand Haven,
Mich.

**Elliott Addressing Machine Co. (Address-
ing),** 539 Market, San Francisco, Cal.

Elliott Co., 143 Albany, Cambridge, Mass.

New Winterpress Co., Shelton, Conn.

Pollard-Alling Mfg Co., 312 E 23d, New
York

Rapid Addressing Machine Co., 46 W 23d,
New York.

**Stickney & Montague ("Montague" Rib-
bon Print),** Chattanooga, Tenn.

Wallace Addressing Machine Co., 116 W
14th, New York.

7676— Air Drying Machinery

American Process Co., 68 William, New
York

Waldron Jno. Co., New Brunswick, N. J.

7677— Alfalfa Machinery

Howes S. Co. (Packers & Dust Collectors),
Silver Creek, N. Y.

**Huntley Mfg Co. ("Monitor" Packers &
Dust Collectors,** Silver Creek, N. Y.

**7678—Aluminum Rolling Mill Ma-
chinery**

Farrel Foundry & Machine Co., Ansonia,
Conn.

Garrison A. Foundry Co., 901 Bingham
Pittsburgh, Pa.

7679—Amatite Paper Machines

Haberkamp, Wm. Machine Works, 442
Wells, Chicago, Ill.

**7680—Angle Iron Cutting Machines
(Hand Power)**

Braun J. G., 609 S Paulina, Chicago, Ill.

Buffalo Forge Co., Buffalo, N. Y.

Hinman D. A. & Co., Sandwich, Ill.

Kidder J. F. Mfg. Co., Burlington, Vt.

Schatz Mfg. Co., Poughkeepsie, N. Y.

7681—Angle Straightening Machines

Garrison A. Foundry Co., 901 Bingham,
Pittsburgh, Pa.

Gibbs-Brower Co. (Elliott), 261 Broadway,
New York

Kane & Roach, Syracuse, N. Y.

Neumeyer & Dimond ("Demag" Imp.), 82
Beaver, New York

**United Engineering & Foundry Co. (For
Rolling Mills),** 307 5th av, Pittsburgh,
Pa.

Youngstown Foundry & Machine Co.,
Youngstown, O.

7682—Angular & Ratchet Drilling Machines

See also Drills, Hand
Millers Falls Co. (Hand), 28 Warren, New York

Annealing Machines

See Heating Machines; also Furnaces, Annealing & Case Hardening

7683—Apple Butter Machinery

Sprague Canning Machinery Co. (Hand & Power), 222 N Wabash av, Chicago, Ill.

7684—Apple Evaporating Machinery

Boutell Mfg. Co., Rochester, N. Y.

7685—Apple Grating Machines

BOOMER & BOSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.

See *adv index at end of book*
Emery G. J. Co., Fulton, N. Y.
Hydraulic Press Mfg. Co., Mount Gilead, O.
Kelso & Co., 559 W Quincy, Chicago, Ill.
Klotz Machine Co. ("Hero"), Sandusky, O.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7686—Apple Paring Machines

Boutell Mfg. Co. ("Rival," "Triumph," Hand & Power), Rochester, N. Y.
Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Sinclair Scott Co., Wells & Patapsco, Baltimore, Md.
Sprague Canning Machinery Co. (For Canners, Hand & Power), 222 N Wabash av, Chicago, Ill.

7687—Apple Quartering Machines

Boutell Mfg. Co. ("Pease"), Rochester, N. Y.
Forsyth Metal Goods Co. (& Corer), E. Aurora, N. Y.

7688—Apple Slicing Machinery

Boutell Mfg. Co. ("Pease," "Rotary," "Rochester" Self Feed, "Perfect" Self Feed & "Sun" Hand), Rochester, N. Y.

7689—Armature Banding Machines

Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av, & Chestnut, Brooklyn, N. Y.
Ridlon Frank Co., 261 Franklin, Boston, Mass.

7690—Armature Coil Taping Machines

Chattanooga Armature Works, Chattanooga, Tenn.
Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av, & Chestnut, Brooklyn, N. Y.
Griswold Geo. M. Machine Co., New Haven, Conn.
Oliver Electric & Mfg. Co. ("Precision"), 2221 Lucas, St. Louis, Mo.
Ridlon Frank Co., 261 Franklin, Boston, Mass.
Smith-Wallace Corp., Woburn, Mass.

7691-2—Armature Disc Notching Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See *adv index at end of book*
Long & Alstatter Co., Hamilton, O.

7693—Armature Straightening Machines

Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.

7694—Armature & Field Coil Winding Machines

Chapman P. E. ("Universal"), 19th & Walnut, St. Louis, Mo.
Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.
Oliver Electric & Mfg. Co. ("Precision"), 2221 Lucas, St. Louis, Mo.
Ridlon Frank Co., 261 Franklin, Boston, Mass.
Smith-Wallace Corp., Woburn, Mass.

7695—Armor Plate Cold Saw Cutting Machines

Newton Machine Tool Works, 23 Vine, Phila., Pa.

Artesian Well Machinery

See Well Drilling Machinery

7696—Artificial Leather Making Machinery

Waldron Jno. Co., New Brunswick, N. J.

7696a—*Artificial Silk Machinery

WERNER & PFLEIDERER CO., Saginaw, Mich. See *adv index at end of book*

7697—*Asbestos Compound Mixing Machines.

WERNER & PFLEIDERER CO., Saginaw, Mich. See *adv index at end of book*

Ash Handling Machinery

See Conveyors, Coal & Ash; also Coal & Ore Handling Machinery; also Coal Storage Plant Construction

Asphalt Machinery

See Asphalt Plant Builders; also Mixers, Asphalt; also Heaters, Asphalt, Pitch & Tar.

7698—Assembling Machines (Wheel)

Defiance Machine Works (Auto & Auto Truck Wheels), Defiance, O.

7699—Auger Brick Machines

American Clay Machinery Co., S. Walnut, Bucyrus, O.
Bonnot Co., Canton, O.
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Freese E. M. & Co., Galion, O.
Steele J. C. & Sons, Statesville, N. C.

7700—Auger Brick Machines & Pug Mill Combined

American Clay Machinery Co., S. Walnut, Bucyrus, O.

7701—Auger Clot Machines

American Clay Machinery Co. (For Roofing Tile), S Walnut, Bucyrus, O.

7702—Automatic Packaging Machines

Anderson E. D., 101 Park av, New York
Package Machinery Co., Springfield, Mass.
Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.

7703—Automatic Turret Machines

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Automatic Machine Co., Cleveland, O.
National Acme Mfg. Co. ("Gridley"), 7500 Stanton av S C, Cleveland, O.
New Britain Machine Co. ("New Britain" Multiple Spindle), 190 Chestnut, New Britain, Conn.
Turner Machine Co. ("Turner Turret," Semi-Automatic, Vertical), Danbury, Conn.

7704—*Automobile, Bicycle, Sewing Machine & Typewriter Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See *adv index at end of book*

7704a—*Automobile Body Machines

Bentel & Margedant Co., Hamilton, O.

7705—*Automobile Parts Machinery (Drop Forged & Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See *adv index at end of book*

7706—Automobile Wheel Machinery

Bentel & Margedant Co., Hamilton, Ohio.
Kane & Roach, Syracuse, N. Y.

Axe Handle Machinery

See Lathes, Handle Turning

7707—Axle Cutting-Off & Centering Machines

Fawcus Machine Co., 1st Nat. Bk. bldg, Pittsburgh, Pa.

Axle Straightening Machines

See Shaft Straightening Machines

7708—Axle Upsetting Machines

Ajax Mfg. Co., Cleveland, O.

7709—Axle Welding & Upsetting Machines

Champion Blower & Forge Co. ("Champion" for Axles & Tires), Lancaster, Pa.
Kane & Roach, Syracuse, N. Y.

7710—Badge Pin Machinery

Baird Machine Co., Bridgeport, Conn.

7711—Bag Closing Machines

Union Special Machine Co., 300 W Kinzie, Chicago, Ill.

7712—Bag Filling Machines

See also Packing Machines

Brown Bag Filling Machine Co. (For Filling & Sealing Flat Paper Bags), Fitchburg, Mass.
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
Poole Engineering & Machine Co. (For Fertilizer), Woodbery Sta., Baltimore, Md.
Pratt Engineering & Machine Co. (For Fertilizers, etc.), Atlanta, Ga.
Richardson Scale Co. ("Richardson," Stationary & Portable), Passaic, N. J.
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sawyer W. H. & Sons Co. ("Sawyer-Fulford"), Americus, Ga.
Schaffer Engineering & Equipment Co. The (Poidometer Attachment), Tiffin, O. See *adv index at end of book*
Urschel-Bates Valve Bag Co. (Lime), 3431 Summit av, Toledo, O.
See *adv index at end of book*
Wolf Co., Chambersburg, Pa.

7713—Bag Making Machinery

See also Looms Bag

Bickett Machine & Mfg. Co., Cincinnati, O.
Smith & Winchester Mfg. Co., South Windham, Conn.
Vierengel Matthew (Cement), 32 S 6th, Brooklyn, N. Y.

When writing to firms whose names appear in this book please mention

HENDRICKS' COMMERCIAL REGISTER.

7714—Bag Printing Machinery

Bickett Machine & Mfg. Co., Cincinnati, O.
Kidder Press Co. (Cloth & Paper), Dover, N. H.
Koehler Hy. L. Mfg. Co., Louisville, Ky.

7714a—Bag Washing Machines

Century Cement Machinery Co. ("Hercules" Cement Bag Cleaning Machines), Rochester, N. Y.



Bakers' Machinery



Automatic Flour Handling Equipment, Automatic Flour and Water Scales, Slow and High
Speed Mixers, Dough Dividers, Loaf Rounders, Automatic Proofer, Ovens, Bread
Conveying and Elevating Systems, etc.

Complete Equipments for Baking Plants

WERNER & PFLEIDERER CO., Inc.

General Offices and Works:
SAGINAW, MICHIGAN

Branch Offices:

New York: Woolworth Bldg.

Philadelphia: Drexel Bldg.

Cleveland: Hippodrome Bldg.

San Francisco: Pacific Bldg.

7715—Bakers' Machinery

See also Confectioners' Machinery

American Bakers' Machinery Co. (Dough Dividers, Mixing & Moulding), 2121 N 9th, St. Louis, Mo.
Baum & Schoel, Waterloo, Ia.
Century Machine Co., Winton pl, Cincinnati, O.
Clad V. & Sons, 16th & Calowhill, Phila., Pa.
Day J. H. Co. (Wire Cake Cutting Machines, etc), Cincinnati, O.
Green Thos. L. & Co. (Biscuit Plant Equipment Exclusively), Indianapolis, Ind.
Harton Pembroke D. (Icing Machines, etc), Fairmount av & 15th, Phila., Pa.
Haysen Mfg. Co., Sheboygan, Wis.
Lynn-Superior Co. (Mixers, Dividers, Brakes, Cake Machines, etc), Cincinnati, O.
Mills Thos. & Bro., Thompson & 8th, Phila., Pa.
Read Machinery Co., York, Pa.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Thomson Machine Co., Belleville, N. J.
WERNER & PFLEIDERER CO., Saginaw, Mich. See adv index at end of book

7716—Balancing Machinery (Pulley)

Carlson-Wenstrom Co. (Dynamic Balancing), Erie av & Richmond, Phila., Pa.
Defiance Machine Works, Defiance, O.

7717—Balancing Machines (Knife)

American Wood Working Machinery Co., 30 E 42nd, New York
Baldwin, Tuthill & Bolton, Grand Rapids Mich.
Bentel & Margedant Co., Hamilton, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Front & John, Cincinnati, O.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Yates P. B. Machine Co., Beloit, Wis.

7718—Bale Tie Machines

Case J. I. Threshing Machine Co. (Belt Power, Self Tying), Racine, Wis.
Collins Plow Co. (Hand), Quincy, Ill.
Dain Mfg. Co., Ottumwa, Ia.
Des Moines Bale Tie Co., Des Moines, Ia.
Ertel Geo. Co., Quincy, Ill.
Kansas City Hay Press Co., Kansas City, Mo.
Oram John S. Co. (Punch, Shear & Riveter), Cleveland, O.
Sandwich Mfg. Co., Sandwich, Ill.
Scott Hay Press Co., 1209 Union av, Kansas City, Mo.
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

7719—Ball Turning Machines

American Tool & Machine Co., 10 High, Boston, Mass.

7720—Band Re-Sawing Machines

See also Band Sawing Machines

ALLIS-CHALMERS MFG. CO. (Horizontal), Milwaukee, Wis.
See adv index at end of book
Bentel & Margedant Co., Hamilton, O.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman-Rechtin Co., Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
Garland M. Co., Bay City, Mich.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
McDonough Mfg. Co., Eau Claire, Wis.
Mereen-Johnson Machine Co., 44th av, N & River, Minneapolis, Minn.
Mershon W. B. & Co., Saginaw, Mich.
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

7721—Band Saw Filing & Setting Machines

See also Specific Article Required

Ambler Saw Mfg. Co., Natick, Mass.
American Wood Working Machinery Co. ("Rogers," "Clement"), Rochester, N. Y.
Baldwin, Tuthill & Bolton ("Bolton"), Grand Rapids, Mich.
Black Diamond Saw & Machine Works ("Only"), Natick, Mass.
Covel Mfg. Co., Benton Harbor, Mich.
Defiance Machine Works, Defiance, O.
Disston Henry & Sons (Revolving), Tacony, Phila., Pa.
Hanchett Swage Works ("Hanchett" Automatic), Big Rapids, Mich.
Huther Bros. Saw Mfg. Co., Rochester, N. Y.
New Britain Machine Co. ("Equal Blow"), 190 Chestnut, New Britain, Conn.
Rotary File & Machine Co. ("New Reliable," Automatic), 200 Diamond, Brooklyn, N. Y.
Sidney Tool Co. ("Defiance"), Sidney, O.
Wellman Pattern Supply Co. ("Foley"), Cleveland, O.
Wright Chas. E. Co., Kenilworth, N. J.

7722—Band Saw Patch Machines

Baldwin, Tuthill & Bolton ("Bolton"), Grand Rapids, Mich.

Band Saw Setting Machines

See Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines; also Saw Sharpening Machines

Band Saw Sharpening Machines

See Saw Sharpening Machines

7723—Band Sawing Machines for Metal

Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Quality Saw & Tool Works ("Napier"), Springfield, Mass.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
Thompson H. G. & Son Co. ("Eureka"), New Haven, Conn.
Wright Chas. E. Co., Kenilworth, N. J.

7724—Band Sawing Machines for Wood

See also Band Re-Sawing Machines

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book
American Sawmill Machinery Co., Hackettstown, N. J.
American Woodwkg., Mach'y Co., Rochester, N. Y.
Baker Wm. H. (Hand Power), Trenton, N. J.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Baxter Machine Co., Lebanon, N. H.
Bentel & Margedant Co., Hamilton, O.
Clark Bros. Co., Olean, N. Y.
Colladay Jos. O. Co., 626 Race, Phila., Pa.
Cordesman-Rechtin Co. (Scroll, etc.), Butler, Cincinnati, O.
Crescent Machine Co., Leetonia, O.
Curtis & Co. Mfg. Co., 1571 Klienlen av, St. Louis, Mo.
Defiance Machine Works, Defiance, O.
Fay J. & A. Egan Co., Cincinnati, O.
Fischer Machine Works (Band, Segment & Slab Re-Saws, etc.), 1845 Carroll av, Chicago, Ill.
Frank Machinery Co., Buffalo, N. Y.
Gardner Machine Works, Gardner, Mass.
Garland M. Co., Bay City, Mich.
Gee Chas. E. ("Gee"), Lowell, Mass.
Grammes L. F. & Sons, Allentown, Pa.
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.
Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.
Kane & Roach, Syracuse, N. Y.
Kennedy Ralph M., 117 N 7th, Phila., Pa.
McDonough Mfg. Co., Eau Claire, Wis.
Mershon W. B. & Co., Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Oliver Machinery Co., Grand Rapids, Mich.
Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.
Power L. & Co., 20 S 23d, Phila., Pa.
Root B. M. Co., York, Pa.
Sidney Tool Co., Sidney, O.
Silver Mfg. Co. (Foot & Power), Salem, O.
Sinker-Davis Co., Indianapolis, Ind.
Smith H. B. Machine Co., Smithville, N. J.
West Side Iron Works, Grand Rapids Mich.
Wright Chas. E. Co., Kenilworth, N. J.
Yates P. B. Machine Co., Beloit, Wis.

7725—Band Sprue Sawing Machines

Brass Founders Supply Co. (For Brass Founders), Hamberg pl., Newark, N. J.

7726—Band & Rip Saw, Boring & Spoke Tenoning Machines (Combined)

Parks Ball Bearing Machine Co., Knowlton & Fergus, Cincinnati, O.

7727—Bandage (Surgeon's) Cutting Machines

Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

Bar Drawing Machines

See Rod & Bar Drawing Machines

Bar Iron Cutting Machines

See Cutters, Iron, Bar & Rod

7728—Bar Pointing Machines

Brightman Mfg. Co., Columbus, O.

7729—Bar Twisting Machines

(For Concrete Reinforcing Bars)

Lewis Foundry & Machine Co., Pittsburgh, Pa.

Mesta Machine Co., Pittsburgh, Pa. Works: Homestead, Pa.

See adv index at end of book

United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

7730—Bark Cutting Machines

Abbe Engineering Co., 220 Broadway, New York *See adv index at end of book*
Turner Tanning Machinery Co. (For Tanneries), Peabody, Mass.

7731—Barley Machinery

BARRETT C. O. & SNOW CO. (Pearled), French st, Cleveland, O.
See adv index at end of book

Howes S. Co. ("Eureka") Cleaners, Graders, Scourers, Polishers & Clippers), Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor") Cleaners, Graders, Scourers, Polishers, Clippers), Silver Creek, N. Y.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Wolf Co., Chambersburg, Pa.

7732—Barrel Hoop Driving Machines

Hydraulic Press Mfg. Co., Mt. Gilead, O.
Naughton & Weimar, Westmoreland & Jasper, Phila., Pa.
Oram John S. Co. ("Oram's"), Cleveland, Ohio

Strait H. N. Mfg. Co., Kansas City, Kansas

Barrel Hoop Machinery

See Hoop Machinery

7733—Barrel, Keg, Stave & Heading Machinery

See Also Specific Article Required

Atkins E. C. & Co., Indianapolis, Ind.

Bartlett A. F. & Co., Saginaw, Mich.

Benson A. M. & Co., Cleveland, O.

Chapman's T. M. Sons Co., Old Town, Me.

Clough & Witt Machine Co. (Slack Barrel & Keg only), 1740 Columbus, Cleveland, O.

Dix Chas. B., Glens Falls, N. Y.

Garlach Peter Co. (For Kegs, Pails, Tubs & Slack & Tight Barrels, Crockery Casks & Tobacco Hogsheads), 1712 Winter, Cleveland, O.

Garland M. Co. (Stave & Heading Only), Bay City, Mich.

Goodspeed Machine Co. (Cylinder Stave Saws for Pail, Keg, Barrel, Tub, etc), Winchendon, Mass.

Holmes E. & B. Machinery Co., Buffalo, N. Y.

Lenker F. K. & Co. (Nail Keg.), Millersburg, Pa.

Mitts & Merrill, 139 S Water, Saginaw, Mich.

Oram Jno. S. Co., Cleveland, O.

Perkins & Co. ("Columbia") Heading Machines, etc), Grand Rapids, Mich.

Reed L. M. (Stave, Crozier, Setting-Up Machines & Headers, etc), Cleveland, Ohio

Rochester Barrel Machine Works (Slack Barrel, etc), Rochester, N. Y.

Stamm Machine Works (Stave Rejoiners, etc), Aurora, Ind.

Strait H. N. Mfg. Co., Kansas City, Kansas

Strange Chas. E., Taunton, Mass.

Trevor Mfg. Co. (Headings, Staves, etc), Lockport, N. Y.

Wheland Co. ("Standard") Stave Jointer for Slack Barrels; also Stave Bolt Equalizers, Stave Bolters, etc), Chattanooga, Tenn.

7734—Barrel Leveling Machines

Johnson T. Co. ("Champion"), 108 S La Salle, Chicago, Ill.

Oram John S. Co., Cleveland, O.

7735—Barrel Trussing Machines

Holmes E. & B. Machinery Co. (Upright Double End), Buffalo, N. Y.

Oram John S. Co., Cleveland, O.

7736—Barrel Washing Machines

See also Keg Scrubbing Machines

Aue Ferdinand Co. ("Muller"), 401 E 91st, New York

Baer A. S. & Son ("Baer," Automatic, Imported), 106 Wall, New York

Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.

Naughton & Weiner, 1906 E Westmoreland, Phila., Pa.

Olsen & Tilgner Mfg. Co., 2280 Elston av, Chicago, Ill.

Schock G. & Son, 514 W 57th, New York

Zoller Chas. Co., 211 E 94th, New York

Zunner Machine Co., Rochester, N. Y.

7737—Basket Machinery

Horton Machine Works, Elmira, N. Y.

Merritt Mfg. Co., Lockport, N. Y.

PARSONS SPECIALTY & MACHINE WORKS (Fruit & Berry), 2427 No. 4th, Phila., Pa.

St. Joseph Iron Works (Also Package), St. Joseph, Mich.

Saranac Machine Co., Benton Harbor, Mich.

Titus E. E. (Automatic Power Quart Basket Stapling Machine), Petersburg, Va.

Beading Machines

See Crimping & Beading Machines

7738—Beading Machines (Eave Trough, Cornice, Etc.)

Canton Foundry & Machine Co. ("Universal"), Canton, O.

7739—Beam Coping Machines

CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.

For branch offices see adv index at end of book

PITTSBURGH-DES MOINES STEEL CO., 4th & Rose, Pittsburgh, Pa.

See adv index at end of book

Wickes Bros., Saginaw, Mich.

See adv index at end of book

Wiener Machinery Co., 56 Church, New York

7740—Beam Straightening Machines

Mackintosh, Hemphill & Co., Pittsburgh, Pa.

7741—Beef & Bacon Slicing Machines

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

7742—Beer Racking Machines

Schlangen Racker Co., Clybourn & Herndon, Chicago, Ill.

White Racker Co., 3916 W Congress, Chicago, Ill.

7743—Beet Sugar Machinery

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

American Tool & Machine Co. ("Weston" Centrifugals, Centrifugal Sprayers & Dischargers), 10 High, Boston, Mass.

Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.

Dyer Co., Cleveland, O.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

Joubert & Goslin Mach. & Fdry. Co. (Refining), Birmingham, Ala.

Kilby Mfg. Co., Cleveland, O.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa.

See adv index at end of book

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Manitowoc Engineering Works, Manitowoc, Wis.

Marshall Foundry Co., Pittsburgh, Pa.

Moline Plow Co. ("Moline"), Moline, Ill.

Stearns-Roger Mfg. Co., Denver, Colo.

7743a—*Beet Sugar Conveying Machinery

JEFFREY MFG. CO., 961 No. Fourth, Columbus, O.

See adv index at end of book

7744—Beet Washing & Slicing Machines

Kilby Mfg. Co., Cleveland, O.

MACKINNON BOILER & MACHINE CO., 218 N Water, Bay City, Mich.

See adv index at end of book

Stearns-Roger Mfg. Co., Denver, Colo.

7745—Beetle Machines

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

7746—Belt Chopping Machines

Turner Tanning Machinery Co., Peabody, Mass.

7747—Belt Cutting Machines

Luther C. A. & Co., Pawtucket, R. I.

7748—Belt Finishing Machines

Turner Tanning Machinery Co., Peabody, Mass.

7749—Belt Folding Machines

Birmingham Iron Foundry, Derby, Conn.

Farrel Foundry & Machine Co., Ansonia, Conn.

7750—Belt Maker's Machinery

Birmingham Iron Foundry (For Rubber Belting, etc.), Derby, Conn.

Dennis Jno. Machine Co., Lowell, Mass.

Turner Tanning Machinery Co. (For Leather, etc.), Peabody, Mass.

7751—Belt Sanding Machines

Curtis Machine Corp. ("Lucas" Panel, "Moore," "Jansen"), Jamestown, N. Y.

Driver C. H. & Kerr Co., 1320 16th, Racine, Wis.

Mattison C. Machine Works, Beloit, Wis.

Redin, Eckerstrom & Co., Rockford, Ill.

Schimmel, Reid & Co. ("Simplex"), Faribault, Minn.

Wysong & Miles Co., Greensboro, N. C.

Yates P. B. Machine Co., Beloit, Wis.

7752—Belt Scarfing Machines

Turner Tanning Machinery Co., Peabody, Mass.

7753—Belt Stitching Machinery

Singer Sewing Machine Co. (For Rubber Belting, etc.), 149 Broadway, New York.

7754—Belt Strapping Machines

Diamond Machine Co. ("Diamond"), Providence, R. I.

7755—Belt Stretching Machines

Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.

Turner Tanning Machinery Co., Peabody, Mass.

7756—Belt Stretching & Testing Machines (Combined)

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

7757—Belt Stripping Machines

Turner Tanning Machinery Co., Peabody, Mass.

7758— Bending Machines

Bethlehem Steel Co., South Bethlehem, Pa.

BLISS E. W. Co., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Garrison Brass & Machine Works, 149 W 35th, New York

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.

Long & Allstatter Co. (Horizontal, etc., Double Steam, Motor & Belt Driven), Hamilton, O.

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York.

Niles-Bement-Pond Co., 111 Broadway, New York

Robinson J. M. Mfg. Co. (1/4-inch Plates & Lighter), Cincinnati, O.

Weiner Machinery Co. (For Angles, etc.), 56 Church, New York

Wells Frank L. Co. (For Brass & Iron Tubing), Kenosha, Wis.

Wickes Bros. (Plate & Angle, etc.), Saginaw, Mich. *See adv index at end of book*

Williams, White & Co., Moline, Ill.

Bending Machines (Concrete Reinforcing Bar)

See Benders, Reinforcing Bar

7759—Bending Machines (Hydraulic)

Chambersburg Engineering Co. (For Angles), Chambersburg, Pa.

Hydraulic Press Mfg. Co., Mt. Gilead, O.

Makintosh, Hemphill & Co. (Vertical, for Heavy Work), Pittsburgh, Pa.

MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

Niles-Bement-Pond Co., 111 Broadway, New York

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Wood R. D. & Co. (Or Bulldozer), 400 Chestnut, Phila., Pa.

7760—Bending Machines (Splice)

Cleveland Frog & Crossing Co. (For Off-setting Splices), Cleveland, O.

7761—Bending Machines (Tube)

Pipe Machinery Co. (Pipe), Cleveland, O.

Simmons Co., Kenosha, Wis.

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Bending Machines (Wood)

See Wood Bending Machines

Bending & Forming Machines

See Forming & Bending Machines

7762—Berry Box Machinery

Titus E. E., Petersburg, Va.

7763—Bevel Gear Tempering Machines

Gleason Works, 2000 University, Rochester, N. Y.

7764—Bevel Gear Turning Machines

Bridgeford Machine Tool Works (For Automobile Gears), Rochester, N. Y.

See adv index at end of book

7765—Bevel Sawing Machines

Connell & Dengler Machine Co., Rochester, N. Y.

Grammes L. F. & Sons, Allentown, Pa.

7766— Beveling Machines

Royle Jno. & Sons (Inc.) (Photo Engravers'), Paterson, N. J.

Sheridan T. W. & C. B. Co. (Bookbinders, etc.), 434 Broadway, New York

7767—Bias Fabric Strip Machinery

Adams A. L., Bridgeport, Conn.

7768— *Bicycle Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7769— Bifurcating Machines

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7770—Billet Piercing Machines

Standard Engineering Co., Ellwood City, Pa.

Billing Machines

See Typewriters, Adding & Billing

7771—Binder Board Beveling Machines

Hinze H. (Imp.), 116 Nassau, New York

7772—Binders' Board Machines

Noble & Wood Machine Co., Hoosick Falls, N. Y.

7772a—*Blanc Fix Dissolving Machines

Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

7773— Blanching Machines

Huntley Mfg. Co. ("Monitor" for All Fruits, Vegetables, Oysters, etc., Silver Creek, N. Y.

7774—Blast Furnace Machinery

See also Rolling Mill Machinery

Atlas Engineering Co., Amherst, Ohio

See adv index at end of book

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

MORGAN ENGINEERING CO., Alliance, Ohio. *See adv index at end of book*

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

Weimer Machine Works Co., Lebanon, Pa.

Youngstown Engineering Co., Youngstown, Ohio

7775—Blast Hole Drilling Machines

American Well Works, Aurora, Ill.

See adv index at end of book

Armstrong Mfg. Co., Waterloo, Ia.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Sanderson-Cyclone Drill Co., Orrville, O.

7776— Blasting Machines

Burton Powder Co., Empire bldg, Pittsburgh, Pa.

du PONT E. I. de NEMOURS & CO. ("Du Pont"), See also Blasting Supplies), Wilmington, Del.

See adv index at end of book

HERCULES POWDER CO. ("Hercules" & "Hercules midget"), Wilmington, Del. *See adv index at end of book*

7777— Bleaching Machinery

Jefferson E. D. & Son, 53 State, Boston, Mass.

Yaryan Co., 25 Church, New York

7778— Blending Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Barnard & Leas Mfg. Co., Moline, Ill.

Gauntt F. G. Mfg. Co., Fort Wayne, Ind.

Huntley Mfg. Co. ("Monitor" for Coffee), Silver Creek, N. Y.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Wolf Co., Chambersburg, Pa.

7779—Blind Slat Crimping Machines

Hall & Brown Woodworking Machine Co. (Blind Slat Tenoning & Boring Machines, etc.), 1913 N. B'way, St. Louis, Mo.

7780—Blind Slat Sawing Machines

American Woodworking Machinery Co., Rochester, N. Y.

Fay J. A. & Egan Co., Cincinnati, O.

7781—Blind Wiring Machines

American Woodworking Machinery Co., Rochester, N. Y.

Eordesman-Rechtin Co., Butler, Cincinnati, O.

Fay J. A. & Eagan Co., Cincinnati, O.

Smith H. B. Machine Co., Smithville, N. J.

Blue Printing Machines

For page number see Index of Contents

7782—Boat Unloading Machinery

Hudson Machinery Co., Passaic, N. J.

LINK-BELT CO. (For Unloading Coal, etc.), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

Wellman-Seaver-Morgan Co., Cleveland, O.

Bobbin Machinery

See Spool & Bobbin Machinery

7783—Boiler Cap Reseating Machines

Lagonda Mfg. Co., Springfield, O.

7784—Boiler Flue Safe Ending Machines

National Electric Welder Co., Warren, O.

Boiler Head Flanging Machines

See Flanging Machines

7785—Bolt Cutting Machines

Acme Machinery Co., Cleveland, O.

Brown H. B. Co. ("Merriman"), East Hampton, Conn.

Chambers Bros. Co. ("Chambers" Open Side), 52d below Lancaster av, Philadelphia, Pa.

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.

Foot-Burt Co. ("Reliance"), Cleveland, O.

LANDIS MACHINE CO., Waynesboro, Pa.

Mummert, Dixon Co. ("Plurality" Die Bolt), Hanover, Pa.

National Machinery Co., Tiffin, O.

Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Pratt & Whitney Co. (Turret), Hartford, Conn.

Universal Machine Co. ("Standard," Single & Double Head), Bowling Green, O.

Webster & Perks Tool Co., Springfield, O.

Wells F. E. & Son Co., ("Hercules"), Greenfield, Mass.

Williams Tool Co., 745 W 12th, Erie, Pa.

7786—Bolt Forging Machines

Acme Machinery Co., Cleveland, O.

Pawtucket Mfg. Co. (Hexagon & Square Head), Pawtucket, R. I.

7787—Bolt Head Trimming Machines

Manville E. J. Machine Co. (Automatic), Waterbury, Conn.

Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.

7788—Bolt Heading Machines

Acme Machinery Co., Cleveland, O.
 Ajax Mfg. Co. (Automatic Feed), Cleveland, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Brown H. B. Co., East Hampton, Conn.
 Cook Asa S. Co. (New Patent Feed for Stove & Tire Bolts, etc.), Hartford, Conn.
 Howard Iron Works ("Burdick" for Hex. Square & Carriage Bolts), Buffalo, N. Y.
 Manville E. J. Machine Co. (For Cold Bolt Making), Waterbury, Conn.
 National Machinery Co., Tiffin, O.
 New Doty Mfg. Co., Janesville, Wis.
 Niles-Bement-Pond Co., 111 B'way, New York
 Noyes B. B. & Co. ("Noyes'"), Greenfield, Mass.

7789—Bolt Pointing Machines

Acme Machinery Co., Cleveland, O.
 Brown H. B. Co., East Hampton, Conn.
 Detrick & Harvey Mach. Co., 508 E Preston, Baltimore, Md.
 Howard Iron Works, Buffalo, N. Y.
 Landis Machine Co. ("Landis"), Waynesboro, Pa.
 National Machinery Co., Tiffin, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Webster & Perks Tool Co., Springfield, O.

Bolt Tapping Machines

See Nut Tapping Machines

7790—Bolt Threading Machines

Acme Machinery Co., Cleveland, O.
 Brown H. B. Co. ("Merriman Automatic & Non-Automatic, Single or Double Spindle), East Hampton, Conn.
 Cook Asa S. Co. (For Stove & Tire Bolts, etc.), Hartford, Conn.
 Detrick & Harvey Machine Co. ("Adams"), 508 E Preston, Baltimore, Md.
 Foote-Burt Co. ("Reliance"), Cleveland, O.
GREENFIELD TAP & DIE CORP., ("G. T. D." For Hand & Power, also Automatic Die Head Bolt Threaders), Greenfield, Mass. *See adv index at end of book*
LANDIS MACHINE CO., Waynesboro, Pa.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Saunders D. Sons, Yonkers, N. Y.
 Standard Engineering Co., Ellwood City, Pa.
 Universal Machine Co., Bowling Green, O.
 Webster & Perks Tool Co., Springfield, O.
 Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

7791—Bolt Turning Machinery

Harrington Edwin Son & Co., 17th & Calowhill, Phila., Pa.

7792—Bolt Upsetting Machines

Acme Machinery Co., Cleveland, O.
 Ajax Mfg. Co., Cleveland, O.
 National Machinery Co., Tiffin, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pawtucket Mfg. Co., Pawtucket, R. I.

7793—Bolt & Nut Machinery

Acme Machinery Co., Cleveland, O.
 Ajax Mfg. Co., Cleveland, O.
 Brown H. B. Co., East Hampton, Conn.
GREENFIELD TAP & DIE CORP. ("G. T. D." Threading Machines), Greenfield, Mass. *See adv index at end of book*
 Howard Iron Works, Buffalo, N. Y.
LANDIS MACHINE CO., Waynesboro, Pa.
 National Machinery Co., Tiffin, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pawtucket Mfg. Co., Pawtucket, R. I.
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
 Webster & Perks Tool Co., Springfield, O.
 Williams, White & Co., Moline, Ill.

7794—Bolt & Nut Screwing Machines

GREENFIELD TAP & DIE CORP. ("G. T. D.") Greenfield, Mass. *See adv index at end of book*
LANDIS MACHINE CO., Waynesboro, Pa.

7795—Bolting Machines

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Beach-Russ Co., 220 B'way, New York
See adv index at end of book
 Great Western Mfg. Co. (For Flour & Corn Mills), Leavenworth, Kansas
 Nordyke & Marmon Co. (For Flour, Meal & Special Products), 1290 Kentucky av., Indianapolis, Ind.
 Ross Charles & Son Co., 148 Classon av., Brooklyn, N. Y.
 Sprout, Waldron & Co., Muncy, Pa.
 Wolf Co., Chambersburg, Pa.

7796—Bolting Saw Machines

Defiance Machine Works, Defiance, O.
 Gerlach Peter Co. (Hand & Power Feed), 1712 Winter, Cleveland, O.
 Ober Mfg. Co., Chagrin Falls, O.

7797—Bone Washing Machines

Allbright-Nell Co. (For Packing Houses, etc.), 5323 Western blvd, Chicago, Ill.

7798—Book Backing Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.
 Latham Machinery Co. ("Sanborn"), 1153 Fulton, Chicago, Ill.

7799—Book Binders' Cloth Cutting Machines

Grammes L. F. & Sons, Allentown, Pa.
 Smyth Mfg. Co., Hartford, Conn.

7800—Book Binders' Machinery

Anderson C. F. & Co., 710 S Clark, Chicago, Ill.
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
 Blackhall Mfg. Co., 196 Seneca, Buffalo, N. Y.
 Brown R. H. & Co., New Haven, Conn.
 Burton A. G. Son, 118 S Clinton, Chicago, Ill.
 Crawley Book Machinery Co., Newport, Ky.
 Dexter Folder Co., 200 5th av, New York
 Fuller E. C. Co., 28 Reade, New York
 Goat Fred Co. (Rounding & Backing Machines), 10 Reade, New York
 Hickok W. O. Mfg. Co., Harrisburg, Pa.
 Hoole Machine & Engraving Works, 29 Prospect, Brooklyn, N. Y.
 Jacques Jno. & Son, Worcester, Mass.
 Lange Henry G., 162 N May, Chicago, Ill.
 Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.
 Marresford Wm. F. (Pasting), 56 Pearl, Brooklyn, N. Y.
 Marshall Son & Co., 226 Purchase, Boston, Mass.
 Oswego Machine Works, Oswego, N. Y.
 Perkins Machine Co., 216 N Jefferson, Chicago, Ill.
 Robinson Jno. T. Co., Hyde Park, Mass.
 Rosback F. P. Co., Benton Harbor, Mich.
 Seybold Machine Co., Dayton, O.
 Sheridan T. W. & C. B. Co., 434 B'way, New York
 Sigourney Tool Co., Hartford, Conn.
 Smyth Mfg. Co., Hartford, Conn.
 Standard Machinery Co., Mystic, Conn.
 Ziegler Rob't & Sons, St. Louis, Mo.

7801—Book Casing-in Machines

Smyth Mfg. Co., Hartford, Conn.

7802—Book Covering Machines

Sheridan T. W. & C. B. Co., 434 B'way, New York

7803—Book Gathering Machines

Gullberg & Smith, 187 Lafayette, New York

7804—Book Gluing Machines

Smyth Mfg. Co., Hartford, Conn.
 Westervelt J. W. & Co., 69 Gold, New York

7805—Book Indexing Machines

Latham Machinery Co., 1153 Fulton, Chicago, Ill.

7806—Book Sawing Machines

Hickok W. O. Mfg. Co., Harrisburg, Pa.

7807—Book Sewing Machines

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
 Roberts H. L. & Co. (Silk Stitching), Park Row, New York
 Sigourney Tool Co., Hartford, Conn.
 Smyth Mfg. Co., Hartford, Conn.

Book Stitching Machinery

See Wire Stitching Machines

7808—Book Trimming Machines

Rowe James (Automatic), 1058 W Harrison, Chicago, Ill.
 Smyth Mfg. Co., Hartford, Conn.

Boot Machinery

See Shoe Machinery

7809—Boring, Drilling, Tapping & Milling Machines

Cleveland Machine Tool Works, Cleveland, Ohio

7810—Boring, Drilling & Milling Machines (Combined)

Cleveland Machine Tool Works, Cleveland, Ohio
 Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
 Fosdick Machine Tool Co. (Horizontal), Cincinnati, O.
 Lucas Machine Tool Co., 542 E 99th, Cleveland, O.
 Newton Machine Tool Works (Portable or Stationary), 23 Vine, Phila., Pa.
 Niles-Bement-Pond Co., 111 B'way, New York
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
 Universal Boring Machine Co., Hudson, Mass.

7811—Boring, Drilling & Tapping Machines (Combined)

Hoefer Mfg. Co., Freeport, Ill.
 Rockford Drilling Machine Co. ("Rockford" Horizontal), Rockford, Ill.
SIMMONS MACHINE CO., INC., 987 B'way, Albany, N. Y. *See adv index at end of book*
 Western Machine Tool Works, Holland, Mich.

Boring Machines

See Metal Boring Machines; also Wood Boring Machines; also Pneumatic Boring Machines

7812—Boring Machines (Barrel)

Strait H. N. Mfg. Co. (For Boring Holes in Barrels), Kansas City, Kans.

7813—Boring Machines (Bracket)

Coates Clipper Mfg. Co. ("Coates"), Worcester, Mass.

7814—Boring Machines (Car Box)

Detrick & Harvey Mach. Co., 508 E Preston, Baltimore, Md.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pittsburgh Machine Tool Co., Braddock, Pa.
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*

7815—Boring Machines (Car Wheel)

Baker Bros., Toledo, O.
 Betts Machine Co., Maryland av & South, Wilmington, Del.
 Niles-Bement-Pond Co., 111 B'way, New York
 Putnam Machine Co., Fitchburg, Mass.
 Sellers Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

7816—Boring Machines (Condenser Head)

Beaman & Smith Co., Providence, R. I.

7817—Boring Machines (Crank)

Niles-Bement-Pond Co., 111 B'way, New York

7818—Boring Machines (Cylinder)

Automatic Machine Co. (Four Spindle Boring & Surfacing, etc.), Bridgeport, Conn.
 Baker Bros. (1, 2, 4 & 6 Spindle), Toledo, O.
 Barrett Machine Tool Co., ("Barrett"), Meadville, Pa.
 Beaman & Smith Co., Providence, R. I.
ELMER CHAS. F. ENGINEERING WORKS, (INC.), c Fulton & Sangamon, Chicago, Ill.
See adv index at end of book
 Hoefer Mfg. Co., Freeport, Ill.
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.
 Mathews Hugh (Portable Re-Boring Bars), 5th & Washington, Kansas City, Mo.
 Moline Tool Co., Moline, Ill.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.
 Niles-Bement-Pond Co., 111 B'way, New York
 Rooksby E. J. & Co., 1070 Hamilton, Phila., Pa.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
 Stowe Flexible Shaft Co. (Portable), 26th & Callowhill, Phila., Pa.
 Underwood H. B. & Co. (Portable), 1025 Hamilton, Phila., Pa.

7819—Boring Machines (Cylinder & Valve Chamber)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

7820—Boring Machines for Electric Wiring

Lord Auger Bit Co., Holyoke, Mass.
 McCrea Jas. & Co. ("Roberts"), 562 W Washington, Chicago, Ill.

7821—Boring Machines (Hand)

Hardware Specialty Mfg. Co. ("Boss" Two-Speed), Anderson, Ind.
 Millers Falls Co., 28 Warren, New York
 Snell Mfg. Co. ("Snell," Angular & Up-right), Fiskdale, Mass.
 Van Jas. Co. (Wood Frame for Wood), Seymour, Conn.

7822—Boring Machines (Hub)

Abbott & Co. ("Little Giant"), Hudson, Mich.
 Bental & Margedant Co., Hamilton, O.
 recht Co., 1201 Cass av, St. Louis, Mo.
 Defiance Machine Works, Defiance, O.
 Lane & Roach, Syracuse, N. Y.
 Liver Mfg. Co. ("Dole" & "Silver"), Salem, O.
 Smith Philip Mfg. Co., Sidney, O.
 Vulcan Iron Works Co., Mason City, Ia.

7823—Boring Machines (Locomotive Connecting Rod)

Baker Bros., Toledo, O.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.

7824—Boring Machines (Metal)

See also Boring & Turning Machines; also Boring & Drilling Machines, Horizontal

American Tool Works Co., Cincinnati, O.
 Baker Bros., Toledo, O.
 Barrett Machine Tool Co. ("Barrett" Cylinder), Meadville, Pa.
 Baush Machine Tool Co., Springfield, Mass.
 Beaman & Smith Co., Providence, R. I.
 Gardam Wm. & Son, 114 Park pl, New York
 Garvin Machine Co., 147 Varick, New York
 Lucas Machine Tool Co., 524 E 99th, Cleveland, O.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.
 Pratt & Whitney Co., Hartford, Conn.
 Putnam Machine Co., Fitchburg, Mass.
 Reed-Prentice Co., Worcester, Mass.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
 Termaat & Monahan Co. (Horizontal), Oshkosh, Wis.
 Warner & Swasey Co., Cleveland, O.

7825—Boring Machines (Metal, Horizontal)

Niles-Bement-Pond Co., 111 B'way, New York

Boring Machines (Metal, Vertical)

See Boring & Drilling Machines, Horizontal

7826—Boring Machines (Mower & Reaper Frame)

Beaman & Smith Co., Providence, R. I.

7827—Boring Machines (Portable)

Newton Machine Tool Works, 23d & Vine, Phila., Pa.
 Oil Well Supply Co. (Oil Well), 215 Water, Pittsburgh, Pa.
 Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
 Stow Mfg. Co., Binghamton, N. Y.
See adv index at end of book
 Stowe Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

7828—Boring Machines (Rod)

Newton Machine Tool Works ("Duplex"), 23d & Vine, Philadelphia, Pa.

7829—Boring Machines (Shaft)

Pratt & Whitney Co., Hartford, Conn.

7830—Boring Machines (Wood)

See Wood Boring Machines
 Also Wood Boring Machines, Multiple

Boring Machines (Wood Pipe)

See Wood Pipe Boring Machines

7831—Boring & Chucking Machines (Vertical)

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*
 Turner Machine Co. ("Turner-Turret" Drills, Reams, Taps & Bores), Danbury, Conn.

7832—Boring & Drilling Machines (Horizontal)

See also Metal Boring Machines
 Barnes W. F. & John Co., Rockford, Ill.
 Beaman & Smith Co., Providence, R. I.
 Betts Machine Co., Maryland av & South, Wilmington, Del.
 Cleveland Machine Tool Works (& Milling), Cleveland, O.
 Detrick & Harvey Machine Co. (& Milling), 508 E Preston, Baltimore, Md.
 Fosdick Machine Tool Co. (& Milling), Blue Rock & Apple Cumminsville, Cincinnati, O.
 Gisholt Machine Co., Madison, Wis.

Hoefer Mfg. Co. (Also Horizontal & Vertical Combined 60 Inch Swing, 4 to 4½ Inch Bar), Freeport, Ill.

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.

Moline Tool Co., Moline, Ill.

Newton Machine Tool Works, 23d & Vine, Philadelphia, Pa.

Niles-Bement-Pond Co., 111 B'way, New York

Pawling & Harnischfeger Co., Milwaukee, Wis.

Rockford Drilling Machine Co., Rockford, Ill.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Simmons Machine Co., Inc., 987 B'way, Buffalo, N. Y. *See adv index at end of book*

Warner & Swasey Co., Cleveland, O.

7833—Boring & Milling Machines (Horizontal)

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*

Universal Boring Machine Co., Hudson, Mass.

7834—Boring & Reaming Machines

Baker Bros. (Automatic), Toledo, O.

7835—Boring & Tapping Machines (Automatic)

Baker Bros., Toledo, O.
 Dreses Machine Tool Co. (Boring, Facing & Tapping), Cincinnati, O.

7836—Boring & Turning Machines

Amalgamated Machinery Corp'n, 72 W Adams, Chicago, Ill.
 Bullard Machine Tool Co. ("Standard"), Bridgeport, Conn.
 Cincinnati Planer Co., Cincinnati, O.
See adv index at end of book

Colburn Machine Tool Co. (Vertical, 30 to 72-in Swing), Franklin, Pa.

Espen-Lucas Machine Works (Stationary & Portable, Horizontal Multiple Spindle Boring Mills), 21 Girard av, Phila., Pa.

Gisholt Machine Co. (Vertical & Horizontal), Madison, Wis.

King Machine Tool Co. (Vertical, 42, 50, 60 & 72-inch Size), Clifton & B. & O. S. W. R. R., Cincinnati, O.

Niles-Bement-Pond Co. (Sidehead), 111 B'way, New York

Putnam Machine Co., Fitchburg, Mass.

Rogers Machine Tool Co., Alfred, N. Y.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Warner & Swasey Co., Cleveland, O.

7837—Boring & Turning Machines (Vertical)

Baker Bros., Toledo, O.
 Baush Machine Tool Co., Springfield, Mass.

Betts Machine Co. (5 to 20 ft. Swing), Maryland av & South, Wilmington, Del.

BICKFORD H. & CO. ("Bickford"), Lakeport, N. H.

Bullard Machine Tool Co. ("Multi-Automatic"), Bridgeport, Conn.

Cincinnati Planer Co., Cincinnati, O.

See adv index at end of book

Colburn Machine Tool Co. (36 to 72 inch Swing), Franklin, Pa.

Gisholt Machine Co. (30 to 120 Inch), Madison, Wis.

King Machine Co. (42, 50, 60 & 72 inch Size), Clifton av & B. & O. S. W. R. R., Cincinnati, O.

Mitts & Merrill (Boring Only), 1939 S Water, Saginaw, Mich.

Niles-Bement-Pond Co., 111 B'way, New York

Rogers Machine Tool Co., Alfred, N. Y.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

7838—Bottle Blowing Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Husted-Hall Mould Works, Bridgeton, N. J.
 Kent-Owens Machine Co. (Automatic), Toledo, O.
 Teeple W. S., Wellsburg, W. Va.
 United Bottle Mach'y Co. (For Narrow Mouth Bottles), 90 W B'way, New York

7839—Bottle Box Boring Machines

Chase Turbine Mfg. Co., Orange, Mass.

7840—*Bottle Cap Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

7841—Bottle Capping Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
 Bottle Capping Mach. Co. (Electric), 949 B'way, New York
 Columbia Machine & Stopper Corp., 414 W 38th, New York
 Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
 Ideal Mfg. Co., Kewanee, Ill.
 Modern Machinery Co., Wilmington, Del.
 Pacific Carbonator Co., 133 W 24th, New York
 Rice & Adams (Milk), Buffalo, N. Y.
 U. S. Bottlers' Machy. Co. (Automatic, Rotary, Spinning, Electric & Hydraulic, Hand, for Tin Foil Cans), 1033 W Lake, Chicago, Ill.

7842—Bottle Corking Machines

See also Bottle Capping Machines

Dicke Tool Co. (Bench & Upright), Downers Grove, Ill.
 Ermold Edw. Co. ("Ermold," Automatic Steam), 656 Hudson, New York
 Fiber Barrel Machine & Mfg. Co. (Fibre), 2516 Jane, Pittsburgh, Pa.
 Modern Machinery Co., Wilmington, Del.
 Standard Automatic Machine Co. (Filling, Corking & Labeling), Rochester, N. Y.
 U. S. Bottlers' Machy. Co. ("Milwaukee," "New York," Automatic, "Daisy" Bench Hand), 1033 W Lake, Chicago, Ill.

VILTER MFG. CO. (Power Corkers for Catsup, Pickles, Olives, etc.), 1046 Clinton, Milwaukee, Wis.
See adv index at end of book

Weiscopef L. Co. ("Milwaukee," Automatic), 30 Church, New York

7843—Bottle Filling Machines (Automatic)

Bishop-Babcock-Becker Co. ("Eureka," Counter Pressure Revolving), Cleveland, O.
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.
 Federal Brass Works ("Success"), 3100 S Kedzie, Chicago, Ill.
 Fowler Bottling Machine Co. ("Universal"), 124 White, New York
 Haller, Joseph F., Chartiers & Oliff, Pittsburgh, Pa.
 Henes & Keller Co., Menominee, Mich.
 Kiefer Karl Machine Co., 927 Martin, Cincinnati, Ohio
 Liquid Carbonic Co. ("Monarch" Cam Lift Rotary), 3100 S Kenzie av, Chicago, Ill.
 Maryland Filling Mach. Co., 336 Guilford av, Baltimore, Md.
 Rice & Adams (Milk), Buffalo, N. Y.
 Standard Automatic Machine Co. (Filling, Corking & Sealing), Rochester, N. Y.
 U. S. Bottlers' Machy. Co. ("Perfection," "Improved Louisville," "Whitton," Hand), 1033 W Lake, Chicago, Ill.
 Weiscopef L. Co., 30 Church, New York

7844—Bottle Rinsing Machines

U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.
 VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

7845—Bottle Sealing Machines

Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.
 Gutmann Ferdinand Co., 134 W 29th, New York
 Modern Machinery Co., Wilmington, Del.
 Star Seal Co., 55 Wall, New York
 Sterling Corp. & Seal Co., Hawthorne, Toledo, Ohio

7846—Bottle Washing & Soaking Machines

Arrow Bottlers Machinery Co. (Rotary), 17 N La Salle, Chicago, Ill.
 Bailey Engine Co., Lima, N. Y.
 Barry-Wehmiller Machinery Co. ("National"), 6501 Florissant, St. Louis, Mo.
 Gallagher Mfg. Co., Lynn, Mass.
 Haller Joseph F., Chartiers & Oliff, Pittsburgh, Pa.
 Henes & Keller Co. (Revolving), Menominee, Mich.
 Hoyt Bros. & Co., Lynn, Mass.
 Jones Frank L. (Milk), Utica, N. Y.
 Kiefer Karl Machine Co., Cincinnati, O.
 Loew Mfg. Co. (Economic & Hydroresser Soaker), Cleveland, O.
 Magnus A. Sons Co., 327 W. Randolph, Chicago, Ill.
 Modern Machinery Co., Wilmington, Del.
 Rhodes Mfg. Co. ("Clipper" Bottle Washing Machines), Hartford, Conn.
See adv index at end of book
 Rice & Adams (Milk), Buffalo, N. Y.
 20th Century Machinery Co., M. & M. Bank bldg, Milwaukee, Wis.
 Universal Machine Works, 1060 Germantown, Phila., Pa.
 Weiscopef L. Co., 30 Church, New York
 Wenzell S. S. Machine Co. ("Eick" Washing & Rinsing), 50th & Parkside av, Phila., Pa.

7847—Bottle Wiring Machines

Boston Bottle Wiring & Labeling Co., (Hand Wiring), 23 Wormwood, Boston, Mass.

7848—Bottlers' Machinery & Supplies

See also Brewers' & Malsters' Machinery & Supplies; also Pitching Machines

Aetna Bottle & Stopper Co. (Bottle Stoppers, etc), 54 Peck, Providence, R. I.
 American Soda Fountain Co., 282 Congress, Boston, Mass.
 Barry-Wehmiller Machinery Co., 6501 Florissant, St. Louis, Mo.
 Bernardin Bottle Cap Co. (Metallic Bottle Caps, "Cyclone" Soda Neck Wires & Beer Stoppers), Evansville, Ind.
 Bishop-Babcock-Becker Co. ("Eureka" Beer Bottling Machines, etc), Cleveland, O.
 Blue Seal Supply Co., 12 Port, Boston, Mass.
 Brewers' & Bottlers' Machinery Works, Chicago, Ill.
 Buddle & Westermann, 7th av & 29th, New York
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
 Chain Belt Co., Milwaukee, Wis.
 Columbia Machine & Stopper Corp. (Automatic Crowning Machines & Bottle Closures), 414 W 38th, New York
 Crown Cork & Seal Co. (Openers, Seals, Bottle Stoppers, etc), 1511 Guilford av, Baltimore, Md.
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.
 Frankel Max Co. (Bottlers' Supplies, Corks, etc), 290 Pearl, New York
 Henes & Keller Co. (Bottle Fillers, Air Regulators, etc), Menominee, Mich.
 Kiefer Karl Machine Co., Cincinnati, O.
 Kiewert Chas. L. Co., 114 Huron, Milwaukee, Wis.
 Ladewig & Stock Co. (Soaking Machines, Outside Bottle Scrubbers, Hydro Pneumatic Internal Washers, Bottle Solution, Conveyors, Combination Solution, Rinsers & Conveyors, Pasteurizers), Waukesha, Wis.
 Leffler Chas. & Co. ("Lightning"), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

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Magnus A. Sons Co., 327 W Randolph, Chicago, Ill.

Modern Machinery Co., Wilmington, Del.
 U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis.

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Weiscopef L. Co., 30 Church, New York
 Wittmann Bros. (Specialties), 41 Ferris, Brooklyn, N. Y.

Zoller Chas. Co., 211 E 94th, New York

7849—Box Blocker Machines

Fischer Machine Works ("Fischer's" Double), 1845 Carroll av, Chicago, Ill.

7850—Box Board Grooving Machines

Chase Turbine Mfg. Co. (Automatic), Orange, Mass.
 Morgan Machine Co., Rochester, N. Y.
 Pollard C. A. Co., Newfields, N. H.

7851—Box Board Machines

Beloit Iron Works, Beloit, Wis.
 Bentel & Margendant Co., Hamilton, O.
 Carver Cotton Gin Co., East Bridgewater, Mass.
 Challoner Co., Oshkosh, Wis.
 Gerlach Peter Co. ("Jumbo"), 1712 Winter, Cleveland, O.
 Humphrey Machine Co., Keene, N. H.
 Linderman Machine Co., Muskegon, Mich.
 Moore & White Co., N 15th & Lehigh av, Phila., Pa.
 Murray D. J. Mfg. Co., Wausau, Wis.
 Yates P. B. Machine Co., Beloit, Wis.

7852—Box Board Matching Machines

American Woodworking Machinery Co., Rochester, N. Y.
 Chase Tubine Mfg. Co., Orange, Mass.
 Connell & Dengler Machine Co., Rochester, N. Y.
 Fischer Machine Works (Single & Double Color), 1845 Carroll av, Chicago, Ill.
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
 Linderman Machine Co., Muskegon, Mich.
 Luther B. G. Co., Worcester, Mass.
 Morgan Machine Co., Rochester, N. Y.
 National Woodworking Machine Co., Dover, N. H.
 Stevens C. H. (Est. of), Winooski, Vt.
 Yates P. B. Machine Co., Beloit, Wis.

7853—Box Board Printing Machines

Boston Printing Press & Machinery Co. ("Prouty"), East Bridgewater, Mass.
 Connell & Dengler Machine Co. (One, Two & Three Colors), Rochester, N. Y.
 Cross Press & Sign Co., 1508 Dayton, Chicago, Ill.
 Fischer Machine Works (Cross, Single & Double Color), 1845 Carroll av, Chicago, Ill.
 Grammes L. F. & Sons (Cigar Box, etc), Allentown, Pa.
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
 Hooper F. X. Co. (Multi-Color), Glenarm, Md.
 Morgan Machine Co. (One to Three Colors), Rochester, N. Y.

7854—Box Board Sawing & Finishing Machines

American Wood Working Machy. Co., Rochester, N. Y.
 Badger State Machine Co., Janesville, Wis.
 Hobbs Mfg. Co., Worcester, Mass.

7855—Box Cleating Machines

See Box Nailing & Cleating Machines

7856—Box Hand Hole Cutting Machines

Chase Turbine Mfg. Co., Orange, Mass.
 Fischer Machine Works (Automatic), 1845 Carroll av, Chicago, Ill.

7857—Box Handle Machines

Smith & Phillips Mfg. Co., 412 N. Sangamon, Chicago, Ill.

7858—Box Hinging Machines

General Package Co., 99 Warren, New York
Grammes L. F. & Sons, Allentown, Pa.

7859—Box Makers' Machinery

American Woodworking Machinery Co., Rochester, N. Y.
Bentel & Margedant Co., Hamilton, O.
Burgess Machine Co. (Nailing, Trimming, etc.), New Haven, Conn.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman Rehtin Co., Butler, Cincinnati, Ohio
Pay J. A. & Egan Mfg. Co., Cincinnati, O.
Garland M. Co. (Box Board, etc.), Bay City, Mich.
Grammes, L. F. & Sons (Cigar & Wooden), Allentown, Pa.
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.
Heath, W. A. Machine Co., Lestershire, N. Y.
Hemingway Machine Co. (Sizing, Saw, etc.), Lynn, Mass.
Humphrey Machine Co., Keene, N. H.
Jones Superior Machine Co., 1264 W North av, Chicago, Ill.
Manderman Machine Co., Muskegon, Mich.
Luther B. G. Co., Worcester, Mass.
Morgan Machine Co., Rochester, N. Y.
National Woodworking Machine Co., Dover, N. H.
Power, L. C., 20 S 23, Phila, Pa.
St. Paul Machinery Mfg. Co. (Dovetail Box Machines), Como & Marion, St. Paul, Minn.
Smith, H. B. Machine Co., Smithville, N. J.
Strange, Chas. E., Taunton, Mass.
Zates P. B. Machine Co., Beloit, Wis.

7860—Box Nail Feeding Machines

Doig, Wm. S. (Est. of) (Automatic), 54 Franklin, Brooklyn, N. Y.
Grammes, L. F. & Sons, Allentown, Pa.

7861—Box Nailing & Cleating Machines

Automatic Machine Co., 497 5th, San Francisco, Cal.
Burgess Machine Co., New Haven, Conn.
Doig Wm. S. (Est. of), (also Double Decker Nailing & Cleating), 54 Franklin, Brooklyn, N. Y.
Grammes, L. F. & Sons (Upright Power for Light & Medium Boxes, Brushes, Toys, Screens, Cabinets, etc.), Allentown, Pa.
Morgan Machine Co., Rochester, N. Y.
Parker, Geo. D., Riverside, Cal.

7862—Box Shook Machinery

See also Box Makers' Machinery
Chapman's T. M. Sons Co., Old Town, Maine.
Morgan Machine Co. (Shook Splicer), Rochester, N. Y.

Box Stapling Machines

See Wire Stapling Machinery

7863—Box Strapping Machines

Automatic Strapping Machine Co., 275 Water, New York
Doig, Wm. S. (Est. of) (Beer Box), 54 Franklin, Brooklyn, N. Y.
Grammes L. F. & Sons, Allentown, Pa.

7864—Box Trimming Machines

Burgess Machine Co., New Haven, Conn.
Scher Machine Works (Double Box Blocker), 1845 Carroll av, Chicago, Ill.
Grammes, L. F. & Sons, Allentown, Pa.
Morgan Machine Co., Rochester, N. Y.

7865—Box & Crate Making Machinery

Case Turbine Mfg. Co., Orange, Mass.
Defiance Machine Works, Defiance, O.
Morgan Machine Co., Rochester, N. Y.

7866—Brace Head Machines

Bradley, H. C. (For Wood Heads), Bridgeport, Conn.

7867—Braiding Machines

Eastwood, Benj. Co., Paterson, N. J.
New England Butt Co., 304 Pearl, Providence, R. I.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Textile Machine Works, Reading, Pa.

7868—Braiding Machines (Packing)

Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.

7869—Branding Machines (Barrel)

Cleveland Brewers Supply Co. ("Waibel's" Rapid Brander), 1506 W 25th, Cleveland, O.
Eureka Machine Shop, Cleveland, O.

7870—Brass Sawing Machines

Griswold Geo. M. Machine Co., New Haven, Conn.

7871—Brass & Copper Rolling Mill Machinery

Farrel Foundry & Machine Co., Ansonia, Conn.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.
ROCKWELL W. S. CO. (Complete Melting & Annealing Equipment; Oil, Coal or Gas Fuel), 50 Church, New York
See adv index at end of book
Torrington Mfg. Co., Torrington, Conn.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

7872—Brazing Machines

Clayton & Lambert Mfg. Co. (Bicycle & Automobile), 205 Piquette av, E. Detroit, Mich.

7873—Brazing Machines (Band Saw)

Ambler Saw Mfg. Co., Natick, Mass.
American Woodworking Mach. Co., Rochester, N. Y.
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Filler & Stowell Co., Milwaukee, Wis.
Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.
Wright Chas. E. Co., Kenilworth, N. J.

7874—Bread Crumbing Machines

Goodell Co. ("Lee"), Antrim, N. H.

7875—Brewers' & Malsters' Machinery & Supplies

See also Bottlers' Machinery & Supplies; also Ice & Refrigerating Machinery; also Elevating & Conveying Machinery; also Heaters, Feed Water
A. B. & B. Specialty Co., 764 Windlake av, Chicago, Ill.
American Antiformin Co. ("Antiformin"), 168 8th, Brooklyn, N. Y.
American Brass Mfg. Co., Inc. (Brewers' Supplies), 731 Folsom, San Francisco, Cal.
American Machinery & Construction Co., 103 W Water, Milwaukee, Wis.
Aue Ferdinand Co., 401 E 91st, New York
Bishopric Products Co. (Inc.), ("Bishopric's Sanite Mastic"), Grove & Este av, Winton pl, Cincinnati O.
Brewing Appliance Specialty Co. ("Perfection" Tapping Devices), Hartford, Conn.
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.
Cleveland Brewers' Supply Co., 1506 W 25th, Cleveland, O.
Danner Adam Co. (Keg Sprinklers, Keg Conveyors, Power Shaving Washers), Yonkers, N. Y.
Deckebach F. C. Sons Co. (Cooling Apparatus, etc.), 123 W Court, Cincinnati, O.
Dundon's F. P. San Francisco Iron Works, 225 Folsom, San Francisco, Cal.

Eureka Machine Shop (Pitch Spraying Apparatus, etc.), Cleveland, O.

Girard Iron Works (Cask Rests, Vat Supporters, Hose Passers, etc.), 22d & Master, Phila, Pa.

Golden Gate Mfg. Co. ("Golden Gate" Lager Beer Valves & Racking Apparatus), 9 Desbrosses, New York

Hersey Mfg. Co. (Thermo-Pneumatic Malt-ing Apparatus), First, S Boston, Mass.

Heyman N. H. (Keg-Scrubbing, Sprinkling Machines, etc), 438 E 59th, New York

Hirsh & Schofield (Brewers' Supplies), 50 Broad, New York

Hoffman-Ahlers Co. (Brewery Kettles, False Bottom, Wash Tubs, Cookers, etc.), 828 E Pearl, Cincinnati, O.

Kaestner & Hecht Co. (Inc.) (Grain Removers, Mashing Machines, Pitching Machines, Malt Mills, etc), 500 Throop, Chicago, Ill.

Keller Robert ("Nonpareil" Stamp Paste & Isinglass, etc.), 334 N 3d, Phila., Pa.

Kiewert Chas. L. Co., 114 Huron, Milwaukee, Wis.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Laubenheimer Geo. E. Co. (Brew Kettles, Beer Coolers, etc.), 17 N La Salle, Chicago, Ill.

Liquid Carbonic Co., 3100 S Kedzie av, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

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Loew Mfg. Co. ("Loco Magic" Purifier), Cleveland, O.

Mark Mfg. Co., Evanston, Ill.

Milwaukee Brewers' Specialty Co. ("Milwaukee" Steaming Tray), 116 Huron, Milwaukee, Wis.

Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

Olsen & Tilgner Mfg. Co. (Mash Machines, Non-Explosive Malt Mills, Keg & Barrel Scrubbers, Shaving Washers, Filter-Mass Washers, Keg & Barrel Rinsers, etc), 2280 Elston av, Chicago, Ill.

Prince, John A. (Soaking, Washing & Rinsing Machines), 154 W 27th, New York

Prinz & Rau Mfg. Co. (Barley Graders & Separators), 659 E Water, Milwaukee, Wis.

Rauh Robert (Keg Washers), 310 Elizabeth av, Newark, N. J.

Roos' August Sons (Fire Kettles, Fold Bottoms, Beer Coolers, etc), 429 E 91st, New York

Saladin Pneumatic Malting Construction Co. (Pneumatic Malting Plants), 24 N Clinton, Chicago, Ill.

San Francisco Mill Furnishing Co. (Malt Rolls & Cleaners), 521 7th, San Francisco, Cal.

Seibel-Suessdorf Cooper & Iron Mfg Co. (Barrel Washers, Isinglass Mixers, Beer Coolers, etc), c 2d & Lombard, St. Louis, Mo.

Selg Brewery Apparatus Co. (Fermenters, Washing Apparatus, etc), 1322 No. 5th, Phila., Pa.

Stiefel Geo. Co. (Specialties), 4651 Gross av, Chicago, Ill.

Toepfer W. & Sons, 193 B'way, Milwaukee, Wis.

20th Century Machinery Co., M. & M. Bank bldg, Milwaukee, Wis.

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. See adv index at end of book

Wittemann Bros., 41 Ferris, Brooklyn, N. Y.

Zobler Otto Mfg. Co. (Kettles, Coolers, etc.), 336 N Oakley blvd, Chicago, Ill.

7876—Briar Pipe Machinery

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. See adv index at end of book

7877—Brick Cutting Machinery

American Clay Machinery Co. (Automatic), S Walnut, Bucyrus, O.

Anderson Foundry & Machine Works, Anderson, Ind.

Bonnot Co. (Rotary Automatic), Canton, Ohio

Brewer H. & Co. (Rotary Automatic), Tecumseh, Mich.

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

Fate J. D. Co. ("Bensing" Automatic), Plymouth, O.

Freese E. M. & Co., Galion, O.
 International Clay Machinery Co., Dayton, Ohio
 Marion Machine Foundry & Supply Co. ("Marion"), Marion, Ind.
 Steele J. C. & Sons (Automatic), Statesville, N. C.
 Wallace Mfg. Co. (Rotary Automatic, End Cutter, etc), Frankfort, Ind.

7878—Brick Machinery (Soft Mud)

Anderson Foundry & Machine Works, Anderson, Ind.
BARTLETT C. O. & SNOW CO., French st, Cleveland, O.
See adv index at end of book
 International Clay Machinery Co., Dayton, Ohio
 Wellington Machine Co., Wellington, O.

Brick Machinery & Supplies

See the Specific Article Required

7879—*Brick Making Machinery

AMERICAN CLAY MACHINERY CO., S Walnut, Bucyrus, O.
 Jackson & Church Co., Saginaw, Mich.

7880—Brick Mould Sanding Machines

American Clay Machinery Co., S Walnut, Bucyrus, O.
 Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.
 Potts C. & A. & Co., Indianapolis, Ind.
 Waldron Chas. ("Champion"), Haverstraw, N. Y.
 Wellington Machine Co., Wellington, O.

7881—Brick Press Machines

Anderson Foundry & Machine Works ("Berg," Dry Press, etc), Anderson, Ind.
 Arnold-Creager Co. (Re-press), New London, O.
 Bonnot Co. (Stiff & Plastic), Canton, O.
 Brewer H. & Co., Tecumseh, Mich.
 Buckeye Engine & Foundry Co., Joliet, Ill.
 Carnell Geo. (Est. of) (Fire & Red), 1819 N 5th, Phila., Pa.
 Chambers Bros. Co. (Re-pressed, etc), 52d, below Lancaster av, Phila., Pa.
 Chicago Brick Machinery Co. ("Elwood"), 20 W Jackson Blvd, Chicago, Ill.
 Chisholm, Boyd & White Co. ("Boyd," Dry Press), 57th & Wallace, Chicago, Ill.
 Clearfield Machine Shops (Fire Brick), Clearfield, Pa.
 Craycroft & Son, Vandalia, Ill.
CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
See adv index at end of book
 Eastern Machinery Co. ("New Haven"), New Haven, Conn.
 Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
 Fate J. D. Co., Plymouth, O.
 Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.
 Freese E. M. & Co., Galion, O.
 Illinois Supply & Construction Co. ("Grath"), St. Louis, Mo.
 International Clay Machinery Co., Dayton, O.
 Jackson & Church Co., Saginaw, Mich.
 Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.
 Punxsutawney Foundry & Machine Co. (For Fire Brick), Punxsutawney, Pa.
 Reliance Mach. & Tool Works, Channing & Franklin av, St. Louis, Mo.
 Simpson Bros. (Fire Brick), Portsmouth, Ohio
 Stearns Co. (Sand Lime & Clay), Erie, Pa.
 Steele J. C. & Sons, (Represses), Statesville, N. C.
 United Iron Works Co., Springfield, Mo.
 Wallace Mfg. Co., Frankfort, Ind.
 Wellington Machine Co., Wellington, O.
 Wenger Geo. Machinery & Supplies Mfg. Co. (Dry Press, Stiff Mud, etc), St. Louis, Mo.
 Wiles A. M. & W. H. Co., Grassy Point, N. Y.

Brick Press Machines (Sand Lime)

See Sand Lime-Brick Machines

Brick Sanding Machines

See Brick Mould Sanding Machines

7882—Brick Setting Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.

7883—Brick Sizing Machines

American Clay Machinery Co., S Walnut, Bucyrus, O.

7884—Bridge Machinery for Bascule Bridges

Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.
 Fawcous Machine Co., 1st Nat. Bk. bldg, Pittsburgh, Pa.

Bridge Operating Machinery

See Draw Bridge Machinery

7885—Briquetting Machinery

American Clay Machinery Co. (Ore & Flue Dust), S Walnut, Bucyrus, O.
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 Braun-Knecht-Heimann Co. ("Braun"), 576 Mission, San Francisco, Cal.
 Chisholm, Boyd & White Co., 57th & Wallace, Chicago, Ill.
 Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.
 General Briquetting Co., 41 Broad, New York
 Hydraulic Press Mfg. Co., Mount Gilead, O.
 Malcolmson Briquet Engineering Co. (Coal), Old Colony bldg, Chicago, Ill.
 Mashek Engineering Co. (Coal, etc), 90 West, New York
 Morgan Engineering Co. (Coal), Alliance, O.
See adv index at end of book
 Olsen Tinius Testing Machine Co. (Moulding Machines), 500 N 12th, Phila., Pa.
 Stokes F. J. Machine Co. (Presses & Compressors), 17th & Cambris, Phila., Pa.
 Tod William Co., Youngstown, O.
 Traylor Engineering & Mfg. Co. (Coal, etc), Allentown, Pa.

7886—Broaching Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y.
See adv index at end of book
 Burr John T. & Son, 429 Kent av, Bklyn, N. Y.
 Lapointe J. N. Co., New London, Conn.
 Lapointe Machine Tool Co. (& Tools), Hudson, Mass.
 Pawtucket Mfg. Co., Pawtucket, R. I.

7887—Bronze Powder Machines

Muench Geo., Stamford, Conn.

7888—Bronzing Machines

Fuchs & Lang Mfg. Co., 119 W 40th, N. Y.
 Mayer Robt. & Co., 461 8th av, New York
 United Printing Machinery Co., 100 Sumner, Boston, Mass.

7889—Broom Handle Machinery

Defiance Machine Works, Defiance, O.
 Fay J. A. & Egan Co., Cincinnati, O.
 Kline Lewis T., Alpena, Mich.
 Ober Mfg. Co., Chagrin Falls, O.

7890—Broom Machinery

See also Sewing Machines, Broom

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.
 Des Moines Broom Co. (Trimming Machines), Des Moines, Ia.
 Genesee Valley Mfg. Co., Mount Morris, N. Y.
 Liebig Wm. & Co., 96 Leland, Detroit, Mich.
 Walrath Alphonse Co., Fort Plain, N. Y.

7891—Brush Machinery & Tools

Duffy John J., Waterford, N. Y.
 Grammes L. F. & Sons (Nailing, etc), Allentown, Pa.
 Liebig Wm. & Co., 96 Leland, Detroit, Mich.
 Pickering Mfg. Co., 228 S 4th Phila., Pa.

7892—Buckle Machinery

Baird Machine Co. (Wire, Automatic), Bridgeport, Conn.
 Manville E. J. Machine Co., Waterbury, Conn.
 Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
SHUSTER F. B. CO. (Automatic Tongue), Cedar Hills, New Haven, Conn.
See adv index at end of book
 Special Machinery Co. (Automatic Buckle Wire), Bridgeport, Conn.

7893—Buckle Tongue Machines (Automatic)

Nilson A. H. Machine Co., Bridgeport, Conn.
SHUSTER F. B. CO. (Automatic), Cedar Hills, New Haven, Conn.
See adv index at end of book

7894—Buckwheat Machinery

Howes S. Co. (Polishers, Hullers & Cleaners), Silver Creek, N. Y.
 Huntley Mfg. Co. ("Monitor" Polishers, Hullers, Cleaners), Silver Creek, N. Y.
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
 Wolf Co. (Shucking Machines, etc.), Chambersburg, Pa.

7895—Buffing Machines (Enameled Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.

7896—Buffing Machines (Shoe)

Donnelly Machine Co. ("Gilmore"), Brockton, Mass.
 Naumkeag Buffing Machine Co., Beverly, Mass.

Buffing & Polishing Machines

See Lathes, Buffing & Polishing

Building Block Machinery

See Clay Building Block Machinery; also Concrete Building Block Machinery

7897—Bulldozer or Bending Machines

See also Forging Machines

Ajax Mfg. Co., Cleveland, O.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y.
See adv index at end of book
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
 Lourie Mfg. Co., Springfield, Ill.
 Rock River Machine Co. ("Badger" Bulldozers), Janesville, Wis.
WATSON-STILLMAN CO. (Hydraulic Bulldozer), 38 Church, New York
See adv index at end of book
 Williams, White & Co., Moline, Ill.

7898—Bundling Machines (Box Shooks & Floorings)

Lowry Robt C. & Co., 23 Beaver, New York

7899-900—Bung Boring Machines

See also Borers, Bung Hole

Holmes E. & B. Machinery Co. ("Holmes" Boring & Bush Setting), Buffalo, N. Y.
 Oram John S. Co., Cleveland, O.

Bung Branding Machines

See Branding Machines, Barrel

7901—Burnishing Machines

See also Polishing Machines

ABBOTT BALL CO., ("Abbott"), Elmwood Station, Hartford, Conn.
See adv index at end of book
 Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.
 Baird Machine Co., Bridgeport, Conn.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.
 No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.
 Smith, Richardson Co. ("Imperial"), Attleboro, Mass.
 Tahara Co. ("Tahara" Silver), Glenwood & N. Amer., Phila., Pa.

7902—Bushing Machines

Pottstown Machine Co. (Automatic, for Bushings & Plugs), Pottstown, Pa.

7903—Butchers' Machinery & Supplies

See also Specific Article Desired

Adt John B. Co. (Fat Cutting Devices), 340 No Holliday, Baltimore, Md.
 Brecht Co., 1201 Cass av, St. Louis, Mo.
 Chatillon Jno. & Sons, 85 Cliff, New York
 Christy Knife Co. (Family Cleaners), Fremont, O.
 Cincinnati Butchers' Supply Co., 1976 Central av, Cincinnati, O.
 Daemicke Paul J. Co., 321 W South Water, Chicago, Ill.
 Farwell Ozmum Kirk & Co., St. Paul, Minn.
 Fay J. A. & Egan Co., Cincinnati, O.
 Gloekler Bernard Co., 1127 Penn av, Pittsburgh, Pa.
 Murray Iron Works Co., Burlington, Ia.
 Northey Mfg. Co., Waterloo, Ia.
 O'Brien Jas. H. Scale & Supply Co., 313 Ellery, Brooklyn, N. Y.
 Probeck P. J. Co., 2339 E 4th, Cleveland, O.
 Schmidt C. Co., Livingston & John, Cincinnati, O.
 Schuchardt & Schutte, 90 West, New York
 Schwenger-Klein Co., 515 Woodland av, Cleveland, O.
 Silver Mfg. Co. (& Supplies, Lard Presses & Ham Pumps, "Wagner" Sausage Stuffers, etc.), Salem, O.
 Smith H. B. Machine Co., Smithville, N. J.
 Smith's John E. Sons Co. (Meat Choppers, Steam Kettles, Lard Mixers, etc.), Buffalo, N. Y.
 Stevens B. A. Co., Toledo, O.
 U. S. Sanitary Effluents Separating Apparatus (Grease Separators for Meat Packers), 35 Nassau, New York
 Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

7904—Butchers' Saw Punching Machines

Nichols Bros., Greenfield, Mass.

7905—Butchers' Skewer Machinery

Fay J. A. & Egan Co., Cincinnati, O.
 Smith H. B. Machine Co., Smithville, N. J.

7906—Butt Drilling & Milling Machines

SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. See adv index at end of book

7907—Butter Dish Machinery

Defiance Machine Works, Defiance, O.
 Saranac Machine Co. (Automatic & Stapling Machinery), Benton Harbor, Mich.
 Titus E. E., Petersburg, Va.

7908—Butter Printing & Cutting Machines

American Butter Cutting Machine Co. ("Stewart"), Elmsford, N. Y.
 Burrell D. H. & Co. ("American" "Standard" & "Friday"), Little Falls, N. Y.
 Clad V. & Sons ("Clad" Butter Cutter), 16th & Callowhill, Phila., Pa.
 Cleveland Faucet Co. ("Elgin" Butter Cutter), Cleveland, O.
 Glidden Mfg. Co. (Automatic Individual Butter Cutter), Beverly, Mass.
 Rochester Monitor Co. ("Monetor"), 89 Allen, Rochester, N. Y.

Butter Tub Machinery

See Tub & Pail Machinery

7909—Button Machinery

Barry Co., Muscatine, Ia.
 BLISS, E. W. CO., (Sheet Metal), 19 Adams, Brooklyn, N. Y.
 See adv index at end of book
 Defiance Button Machine Co. (Button Covering), 43 W 24th, New York
 Draher John, Waterbury, Conn.
 Grimes & Harris (Horn), Leominster, Mass.
 Illinois Modern Button & Machine Co., 2407 W Ohio, Chicago, Ill.
 MacCordy Button Machine Co., Amsterdam, N. Y.
 Markels Leonard, 165 William, New York
 Moore J. W. Machine Co., 592 E 1st, So. Boston, Mass.
 Pauck E. Machine Co., Toledo, O.
 Russell Jno. W. & Sons Co., Springfield, Mass.
 Toledo Button Machine Co., 3440 Summit av, Toledo, O.
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
 Wendtland Wm., 51 Mercer, New York

7909a—*Button Machinery (Composition)

Werner & Pfeiderer Co., Saginaw, Mich.
 See adv index at end of book

7910—Buttonhole Machines

Champion Button-Hole Machine Co., 641 Atlantic av, Boston, Mass.
 Lufkin John W. & R. H., 38 Chardon, Boston, Mass.
 Reece Buttonhole Machine Co., 502 Harrison av, Boston, Mass.
 Singer Sewing Machine Co., 149 Broadway, New York
 Standard Sewing Machine Co., Cleveland, Ohio
 United Shoe Machinery Co. ("U. S. M. C."), Boston, Mass.

7911—Cabbage Machinery (Canners')

Chain Belt Co., Milwaukee, Wis.
 Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7912—Cabbaging Machines

Famous Mfg. Co. (Hand, for Brass Fdrs., etc.), East Chicago, Ind.

Cable Covering Machines

See Wire & Cable Covering Machinery

7913—*Cable Haulage Machinery

See also Engines, Haulage

CLYDE IRON WORKS, Duluth, Minn.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New York See adv index at end of book

7914—Cabling & Armoring Machines

New England Butt Co., 304 Pearl, Providence, R. I.
 Torrington Mfg. Co., Torrington, Conn.
 Watson Machine Co., Paterson, N. J.

Calcined Plaster Machinery

See Gypsum Machinery

7915—Calculating Machines

See also Adding Machines

Bishop Calculating Recorder Co., 233 Broadway, New York
 Calculagraph Co., 30 Church, New York
 Calculator, Corp. (Rapid), 4th Nat. Bk. bldg, Grand Rapids, Mich.
 Cluley Multiplier Co., Green Bay, Wis.
 Ensign Mfg. Co. (Electric), 19 Brook, Faneuil, Boston, Mass.
 Keuffel & Esser, Hoboken, N. J.
 Marchant Calculating Machine Co. ("Marchant"), Emeryville, Cal.
 Mechanical Accountant Co., 17 Warren, Providence, R. I.
 Mellicke Calculator Co., 350 N Clark, Chicago, Ill.
 Monroe Calculating Machine Co., 233 B'way, New York
 Moody Calculator Co., 1723 Pacific av, Dallas, Tex.

Morschhauser W. A. ("Millionaire"), 1 Madison av, New York
 Reuter Carl H. ("Reuter," "Brunsviga" Multiplying & Dividing), Land Title bldg, Phila., Pa.
 Triumphator Calculating Machine Co. ("Triumphator" Imp), 81 New, New York

7916—Calendering Machines

Birmingham Iron Foundry (Board), Derby, Conn.
 Black-Clawson Co., Hamilton, O.
 Curtis & Marble Machine Co., Worcester, Mass.
 Downing Mfg. Co., East Downingtown, Pa.
 Farrel Foundry & Machine Co., Ansonia, Conn.
 Holyoke Machine Co. (Breaker, Friction, Web, etc), Holyoke, Mass.
 Kilburn, Lincoln Machine Co., Fall River, Mass.
 Lindner & Vradenburgh, 239 Centre, New York
 Lobdell Car Wheel Co. (For Rubber, Paper & Fibre), G nr Christiana, Wilmington, Del.
 Norwood Engineering Co. (Breaker, Friction Web, Glassine, Sheet & Platers), Florence, Mass.
 Poole Engineering & Machine Co., Woodberry Sta., Baltimore, Md.
 Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
 Terhune J. I. Machine Works, Paterson, N. J.
 Textile Finishing Machinery Co. (Pressure & Friction), 171 Westminster, Providence, R. I.
 Waldron John Co. (For Paper Mills), New Brunswick, N. J.

7917—Calipering Machines

Rogers Jno. M. Works, Gloucester City, N. J.

7918—Calking Machines

Erie Toe Calk Machine Co., Erie, Pa.
 L. S. P. Calking Machine Co. (For Horse-shoers), Wyalusing, Pa.

7919—Cam Cutting Machines

Erie Toe Calk Machine Co. ("Erie Heel"), Erie, Pa.
 Fay Machine Tool Co. ("Fay" Automatic), 2d & Glenwood av, Phila., Pa.
 Garvin Machine Co., 147 Varick, New York
 Rowbottom Machine Co. ("Rowbottom Universal"), Waterville, Conn.
 Standard Machinery Co., Providence, R. I.

7920—Cambering Machines

Mackintosh, Hemphill & Co. (For Rails), Pittsburgh, Pa.

7921—Can Beading Machines

See also Crimping & Beading Machines
 Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
 BLISS E. W. & CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book
 NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
 See adv index at end of book
 Slaysman & Co., c Pratt & President, Baltimore, Md.
 Stecher Chas. Co., 1580 Crossing, Chicago, Ill.
 Wold, Torris & Co., 240 N Ashland av., Chicago, Ill.

7922—Can Beading & Flanging Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
 Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
 Wold, Torris & Co., 240 N Ashland av., Chicago, Ill.

7923—Can Body Forming Machines

Adriance Mach. Works, 254 Van Brunt, Brooklyn, N. Y.
 AMERICAN CAN CO. (Machinery Department), Monroe bldg, Chicago, Ill.
 See adv index at end of book
 Ams Max Machine Co. ("Ams"), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
McDonald Machine Co. (Automatic), 3207 Shields av, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Slaysman & Co., c Pratt & President, Baltimore, Md.
Stecher Chas. Co. (Automatic Lock, Steam, etc), 1580 Crossing, Chicago, Ill.
Stevenson & Co., 607 S Caroline, Baltimore, Md.
Wold, Torris & Co., 240 N Ashland, Chicago, Ill.

7924—Can Boxing Machines

Sprague Canning Machinery Co. (For Cannerys), 222 N Wabash av, Chicago, Ill.

7925—Can Burnishing Machines

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

7926—Can Capping Machines

Adriance Machine Wks., 254 Van Brunt, Brooklyn, N. Y.
Allbright-Neil Co. (Six Spindles for Packers, etc), 5323 Western blvd, Chicago, Ill.

AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill.
See adv index at end of book

Ams Max Machine Co. (Power), ("Ams"), Bridgeport, Conn.

Ayars Machine Co. (Hand & Power), Salem, N. J.

Brecht Co. (For Meat Packers), 1201 Cass av, St. Louis, Mo.

Chicago Solder Co. ("Chicago"), 218 N Union av, Chicago, Ill.

Jones John T. Sons, 734 E Lombard, Baltimore, Md.

Robins A. K. & Co. (Hand), 116 Market Place, Baltimore, Md.

Sprague Canning Machinery Co. (For Cannerys), 222 N Wabash av, Chicago, Ill.

Stecher Chas. Co. (Automatic Lock, Steam, etc), 1580 Crossing, Chicago, Ill.

Steward L. & J. A. (Power), Rutland, Vt.

Vance & Baker Mfg. Co., Muscatine, Ia.

Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

7927—Can Cleaning & Washing Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Koven L. O. & Bros., 154 Ogden av, Jersey City, N. J.
Seattle-Astoria Iron W'ks (For Salmon Canneries, etc), Seattle, Wash.

7928—Can Closing Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

AMERICAN CAN CO. (Mach'y Dept.), (For Friction Top Cans), Monroe bldg, Chicago, Ill.

See adv index at end of book

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.

Continental Can Co., Syracuse, N. Y.

Sanitary Can Co., 120 B'way, New York

Seattle-Astoria Iron W'ks (For Sanitary Cans), Seattle, Wash.

Stecher Chas. Co. (Sanitary), 1580 Crossing, Chicago, Ill.

7929—Can Crimping Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Brecht Co., 1201 Cass av, St. Louis, Mo.

Lewis E. J., Middleport, N. Y.

Slaysman & Co., cor Pratt & President, Baltimore, Md.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

Can Earing Machines

See Soldering or Fusing Machines, Ear.

7930—Can Filling Machines

Ayars Machine Co. ("King" or "Stevens" for Tomatoes, Peas, etc), Salem, N. J.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Climax Machinery Co. ("Climax" Automatic for Milk), Indianapolis, Ind.

Day J. H. Co., Cincinnati, O.

Haller Joseph F., Chartiers & Oliff, Pittsburgh, Pa.

Howes S. Co. ("Eureka"), Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor" for String Beans, Apples, Vegetables, etc), Silver Creek, N. Y.

Johnson Paul S., 1906 E 93d, Cleveland, O.

Phelps Can Co. (Vent Hole Filling Machines), ft of Lawrence, Baltimore, Md.

Pneumatic Scale Corp., Norfolk Downs, Mass.

Rice & Adams (Milk), Buffalo, N. Y.

Robins A. K. & Co. (Tomato, etc), 116 Market place, Baltimore, Md.

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Seattle-Astoria Iron Works, ("Jensen's" for Salmon Canneries), Seattle, Wash.

Sinclair-Scott Co. (Pea Filler), Wells & Patapsco, Baltimore, Md.

Sprague Canning Machinery Co. ("Moore & Bristol's," "Colbert," "Jersey Queen," "Stevens' King," for Filling

Meats, Soups, Syrups, Milk, Fruits, Vegetables, etc), 222 N Wabash av, Chicago, Ill.

Stickney Henry R. (For Evaporated Cream, Baked Beans, Fats, Oils, Mustard, etc), Portland, Me.

U. S. Bottlers' Machy. Co. ("Perfection" Multiple), 1033 W Lake, Chicago, Ill.

7931—Can Heading Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

Ams Max Machine Co. ("Ams" Automatic Double Seamless), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Slaysman & Co., cor Pratt & President, Baltimore, Md.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Wold, Torris & Co., 240 N Ashland av, Chicago, Ill.

Can Labeling Machines

See Labeling Machines.

7932—Can Lacquering Machines

Burt Machine Co., 403 E Oliver, Baltimore, Md.

Seattle-Astoria Iron Works, Seattle, Wash.

Seeley Bros. ("Hughlett"), Blaine, Wash.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Stoll D. H. Co., Buffalo, N. Y.

7933—Can Lining Machines

Ams Max Machine Co. ("Ams" Adjustable, Round, Square, Covers, etc), Bridgeport, Conn.

7934—Can Lock & Lap Seaming Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

McDonald Machine Co. (Automatic Lock Seam), 3207 Shields av, Chicago, Ill.

Wold, Torris & Co. (Sanitary with Soldering Attachments), 240 N Ashland av, Chicago, Ill.

7935—Can Makers' Machinery

See also Specific Article Required.

Adriance Machine Works (Soldering & Sanitary), 254 Van Brunt, Brooklyn, N. Y.

AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill.

See adv index at end of book

American Key Can Co. (For Key Opening Cans), 140 S Dearborn, Chicago, Ill.

Ams Max Machine Co. ("Ams" Air Tight Seam without Solder or Acid, etc), Bridgeport, Conn.

Angelus Sanitary Can Mach. Co., Los Angeles, Cal.

Ayars Machine Co., Salem, N. J.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Brecht Co., 1201 Cass av, St. Louis, Mo.

Consolidated Press Co., 26 S Jefferson, Chicago, Ill.

Ferracute Machine Co., Bridgeton, N. J.

Kruse Mfg. Co., 109 S 5th, Brooklyn, N. Y.

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.

See adv index at end of book

Seattle-Astoria Iron Works ("E. K. & M." Can Body Making & Soldering), Seattle, Wash.

Slaysman & Co. (Automatic), cor Pratt & President, Baltimore, Md.

Stecher Chas. Co. ("Automatic"), 1580 Crossing, Chicago, Ill.

Stevenson & Co., 607 S Caroline, Baltimore, Md.

Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

Wold, Torris & Co. ("Cameron" Automatic Lockseamer, Header, etc), 240 N Ashland av, Chicago, Ill.

7936—Can Marking Machines

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7937—Can Polishing Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Climax Machinery Co., Indianapolis, Ind.

Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Stoll D. H. Co., Buffalo, N. Y.

7938—Can Righting Machines

Burden & Blakeslee ("Blakeslee," "Simplicity"), Cazenovia, N. Y.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7939—Can Salting Machines

Seattle-Astoria Iron Works (Automatic), Seattle, Wash.

7940—Can Scoring Machines

Ams Max Machine Co. ("Ams" Adjustable Power), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Stoll D. H. Co., Buffalo, N. Y.

7941—Can Seaming Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

Ams Max Machine Co. ("Ams" Automatic Double Seamer), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Slaysman & Co. (Automatic Side Seam Locking Machines), cor Pratt & President, Baltimore, Md.

Wold, Torris & Co. (Automatic Double Seamer), 240 N Ashland av, Chicago, Ill.

7942—Can Slitting Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

Ams Max Machine Co. ("Ams" Gang), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Slaysman & Co., cor Pratt & President, Baltimore, Md.

Stoll D. H. Co., Buffalo, N. Y.

7943—Can Soldering Machines

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
 Allbright-Nell Co. (Vacuum Sealing), 5323 Western blvd, Chicago, Ill.
 Ams Max Machine Co. ("Ams"), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Wold, Torris & Co. (Automatic & Single Floating Machines), 240 N Ashland av, Chicago, Ill.

7944—Can Stamping Machines (Automatic)

Slaysman & Co., cor Pratt & President, Baltimore, Md.
 Stoll D. H. Co., Buffalo, N. Y.

7945—Can Sterilizing Machines

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7946—Can Stuffing Machines

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.

Can Testing Machines

See Testing Machines, Can

7947—Can Tipping Machines

Chicago Solder Co. (Alternating High Speed Auto-Tripper), 218 N Union av, Chicago, Ill.

7948—Can Top Folding Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.
See adv index at end of book

7949—Can Weighing Machines

Seely Bros. (Automatic), Blaine, Wash.
 Smith Cannery Machine Co. (Automatic), Seattle, Wash.

7950—Can Wiping Machines

Ayars Machine Co., Salem, N. J.
 Morral Bros., Morral, O.
 Slaysman & Co., cor Pratt & President, Baltimore, Md.
 Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7951—Can Wrapping Machines

Burt Machine Co., 403 E Oliver, Baltimore, Md.

7952—Can & Jar Washing Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
 Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

7953—Cancelling Machines

Bright H. V. (For Ticket Chopper), Cleveland, O.
 Hummins B. F. Co. (Plain & Dating, etc), 4740 W Ravenswood av, Chicago, Ill.

7954—Candle Machinery

Brewer Wm. W., Troy, N. Y.
 Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
 Foman & Co. (Molds, etc), Cincinnati, O.
 Touchin-Aiken Co., 113 53d, Brooklyn, N. Y.

7955—Candy Floss Machines

Levens Mfg. & Supply Co. ("Empire"), 343 S Dearborn, Chicago, Ill.

Candy Machinery

See Confectioners' Machinery

Candy Vending Machines

See Vending Machines

7956—Cane-Seat Chair Machinery

See also Chair Machinery

Goodspeed Machine Co. (Chair Seat Grooving Machinery), Winchendon, Mass.
 Purdy Chester Co. (Also Wood Seat), Ghent, O.
 Scow Bay Iron & Brass Works, Astoria, Ore.

7957—Cane Sugar Machinery

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
 Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.
 Dyer Co., Cleveland, O.
 Fulton Iron Works, 1259 Delaware av, St. Louis, Mo.
 Guiler Engineering Co., Framingham, Mass.

HOOVEN, OWENS, RENTSCHLER CO. ("Hamilton Pratt"), Hamilton, O.
See adv index at end of book

Joubert & Goslin Mach. & Fdry. Co. (Refining), Birmingham, Ala.
 Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

Marshall Foundry Co., Pittsburgh, Pa.
TURL IRON & CAR CO., INC. (THE), 50 Broad, New York. Works: Newburgh, N. Y.

7957a—*Cane Sugar Conveying Machinery

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

7958—Canners' Fruit Washing & Scalding Machines

Vance & Baker Mfg. Co. ("Grasshopper"), Muscatine, Ia.

7959—Canners' Viner Feeding Machines

Ferrell A. T. & Co. ("Giant" Roller Bearing), Saginaw, Mich.
 Hamachek Frank ("Ideal" Viner Feeders, for Pea Canners), Kewaunee, Wis.

7960—Canning Machinery

Ams Max Machine Co. (For Making & Sealing Sanitary Tin Cans), Bridgeport, Conn.
 Anderson-Barngrover Mfg. Co., San Jose, Cal.

Ayars Machine Co., Salem, N. J.

BLISS E. W. CO. (For Making Package & Sanitary Cans), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Brecht & Co., 1201 Cass av, St. Louis, Mo.
 Burpee & Letson (Ltd.) (Salmon), Bellingham, Wash.

Burt Machine Co., 403 E Oliver, Baltimore, Md.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chicago Solder Co., 218 N Union av, Chicago, Ill.

Climax Machinery Co., Indianapolis, Ind.

Conant R. O. Co., Portland, Me.

Ferrell A. T. & Co., Saginaw, Mich.

Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Washers, Sealers, Blanchers, Fillers, Elevators, Pitters, Huskers), Silver Creek, N. Y.

Jones John T. Sons, 734 E Lombard, Baltimore, Md.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book

Lang E. M. Co. (Soldering Machines, Capping Irons, Solder, Presses, etc), Portland, Me.

Lewis E. J., Middleport, N. Y.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book

McDonald Machine Co., 3207 Shields av, Chicago, Ill.

Mitchell Jno. R. Co., 702 S Washington, Baltimore, Md.

Morral Bros. (Corn Cutter, Silk Brushing Cooker Filler, etc), Morral, O.

Peerless Husker Co., Buffalo, N. Y.
 Premier Machinery Co., 1001 22d, Oakland, Cal.

Renneburg Edw. & Sons Co., 2639 Boston, Baltimore, Md.

Robins A. K. & Co., 116 Market pl, Baltimore, Md.

Seattle-Astoria Iron Works, Seattle, Wash.

Seely Bros., Blaine, Wash.

Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.

Sprague Canning Machinery Co. (Tomato), 222 N Wabash av, Chicago, Ill.

Sprague Foundry & Mfg. Co., Council Bluffs, Iowa

Stickney Henry R. (Filling & Syruping, etc), Portland, Me.

Stiles-Morse Co. (End Seam Soldering Machines), 562 Wash'n blvd, Chicago, Ill.

Thompson Mfg. Co., Lancaster, N. H.

Vance & Baker Mfg. Co., Muscatine, Ia.

Zastrow Geo. W., 1410 Thames, Baltimore, Md.

7961—Cant Hook Handle Machinery

Defiance Machine Works, Defiance, O.

7962—Canting Machines

ALLIS-CHALMERS MFG. CO. (Overhead), Milwaukee, Wis.
See adv index at end of book

7963—Canvas Glove Machinery

Keagy & Lear Machine Co., Coshocton, O.

7964—Capping Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Dicke Tool Co., Downers Grove, Ill.
 Lang E. M. Co., Portland, Me.
 Steward L. & J. A., Rutland, Vt.

7965—Capsule Machines

Colton Arthur Co., Jefferson & Chene, Detroit, Mich.

Mulford H. K. Co., 428 S 13th, Phila., Pa.
 Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

7966—Car-Boring Machines

American Wood Working Machinery Co., Rochester, N. Y.

Bentel & Margedant Co. (Heavy Vertical 3 & 6 Spindle), Hamilton, O.

Fay J. A. & Egan Co., Cincinnati, O.

Greenlee Bros. & Co., Rockford, Ill.

Power L. & Co., 22 S 23d, Phila., Pa.

7967—*Car Dumping Machinery

See also Dumpers, Car

JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*

LINK-BELT CO., 39th & Stewart av & P. & R. Ry., Phila., Pa.
See adv index at end of book

7968—Car Spring Coiling Machines

See also Spring Coiling Machines; also Wire Spring Coiling Machines

Coulter & McKenzie Machine Co., Bridgeport, Conn.

Car Wheel Molding Machines

See Molding Machines, Foundry

7969—Car & Carriage Spring Machinery

Coulter & McKenzie Machine Co. (Car), Bridgeport, Conn.

Evans Jno. Sons, 506 N 13th, Phila., Pa.
 Johnston Wm. T. & Co. (Spring Forming), Cincinnati, O.

7970—Carbon Cutting Machines

Lundin Electric & Machine Co. (Electrical, with Switch), 10 Thatcher, Boston, Mass.

7971—Carbon Machinery

Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.

WERNER & PFLEIDERER CO. (Mixers), Saginaw, Mich.
See adv index at end of book

7972—Carbon Paper Machinery

Waldron Jno. Co., New Brunswick, N. J.

7973—Carbonating MachineryBishop-Babcock-Becker Co., Cleveland, O.
Liquid Carbonic Co., 3100 S Kedzie av,
Chicago, Ill.Magnus A. Sons Co., 327 W Randolph,
Chicago, Ill.

Taber Pump Co., Buffalo, N. Y.

7974—Cardboard Sawing Machines (Wood)Grammes L. F. & Sons (Combination Rip
& Cross-Cut), Allentown, Pa.**Cardboard Slitting Machines**

See Paper Slitting Machines

7975—Card Cutting MachinesSee also Card Cutting Machines, Textile
American Specialty Co. ("Premium" Hand
Card & Paper Cutter for Office Use),
Bridgeport, Conn.**BECK CHAS. CO.**, 607 Chestnut, Phila.,
Pa. *See adv index at end of book***BLISS E. W. CO.** (Playing Cards), 19
Adams, Brooklyn, N. Y.
*See adv index at end of book*Dietz Machine Works (Rotary for Index,
Business, etc), 126 Fontain, Phila.,
Pa.Golding Mfg. Co., Franklin, Mass.
Grammes L. F. & Sons ("Handy" Hand,
etc.), Allentown, Pa.Jacques Jno. & Son, Worcester, Mass.
Marshall Son & Co. ("Superior" Hand
Card Cutter), 226 Purchase, Boston,
Mass.Otten Bros. Co., 24 Richmond, Detroit,
Mich.

Robinson Jno. T. Co., Hyde Park, Mass.

7976—Cargo Transferring Machinery (Marine Transfer)**LIDGERWOOD MFG. CO.**, 96 Liberty,
New York *See adv index at end of book***7977—Carpet Cleaning Machinery**Chief Mfg. Co., Indianapolis, Ind.
Cleveland Laundry Machinery Mfg. Co.,
5184 Fowler av S E, Cleveland, O.

Giant Mfg. Co., Council Bluffs, Ia.

Reed Mfg. Co. (Carpet Cleaning Wheels),
Springfield, O.**7978—Carriage Builders' Machinery**See also Hub, Spoke & Rim Machinery
Abbott & Co. (Hub Bored), Hudson, Mich.
American Woodworking Mach'y Co.,
Rochester, N. Y.Bentel & Margedant Co., Hamilton, O.
Bicknell Mfg. & Supply Co. (Felloe
Rounders), Janesville, Wis.Cordesman-Rechtin Co., Butler, Cincin-
nati, O.

Defiance Machine Works, Defiance, O.

Fay J. A. & Egan Co., Cincinnati, O.

Greenlee Bros. & Co., Rockford, Ill.

Kane & Roach, Syracuse, N. Y.

Williams, White & Co., Moline, Ill.

Carriage Spring Machinery

See Car & Carriage Spring Machinery

7979—Carton Sealing MachinesAmerican Carton Sealing Machine Co.,
1060 Harrison, Chicago, Ill.American Machinery Co. ("Philadelphia"),
1229 Callowhill, Phila., Pa.**7980—Cartridge Machinery**East Iron & Machine Co., 351 E Mar-
ket, Lima, O.Manville E. J. Machine Co., Waterbury,
Conn.Waterbury Farrel Foundry & Machine
Co., Waterbury, Conn.Zeh & Hahnemann Co., Av A & Vander-
pool, Newark, N. J.**Carving Machines**

See Wood Carving Machines

7981—Carving Machines (Corner Block)

Fay J. A. & Egan Co., Cincinnati, O.

7982—Carving Machines (Pattern Makers')Porter C. O. Machinery Co., Grand Ra-
pids, Mich.**7983—Case Hardening Machines**See also Furnaces, Annealing & Case
HardeningAmerican Gas Furnace Co., 24 John, New
York & Elizabeth, N. J.**7984—Case Smoothing Machines**Hickok W. O. Mfg. Co. (For Bookbind-
ers), Harrisburg, Pa.**7985—Cash Paying Machines**

Payograph Co., 105 3d av, Detroit, Mich.

7986—Cast Iron Pipe Cutting MachinesSmith A. P. Mfg. Co. ("French"), East
Orange, N. J.**Casting Machines**

See Molding Machines, Foundry

7986a—Castor Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.

7987—Catsup MachinesHowes S. Co., Silver Creek, N. Y.
Sinclair-Scott Co. (Tomato Pulp Finish-
ers), Wells & Patapsco, Baltimore,
Md.Sprague Canning Machinery Co., 222 N
Wabash av, Chicago, Ill.**7988—Cattle Feeding Machines**Whitman Agricultural Co. (5 to 7 ft Cylind-
er Cutters), 7000 S B'way, St. Louis,
Mo.**Ceiling Machinery**

See Sheet Metal Workers' Machines, etc.

7989—Celluloid MachineryCook F. H. & Co., Leominster, Mass.
Farrel Foundry & Machine Co., Ansonia,
Conn.**WERNER & PFLEIDERER CO.**, Sagl-
naw, Mich. *See adv index at end of book***7990—Cement Brick Machines**See also Concrete Building Block Ma-
chineryAmerican Cement Machine Co., Keokuk,
Ia.

Besser Mfg. Co., Alpena, Mich.

Buckeye Engine & Foundry Co., Joilet,
Ill.Colgan Machinery & Supply Co., Colum-
bus, O.Enamel Concrete Co. (Enamel Concrete
Brick), Des Moines, Ia.

Francis Machinery Co., St. Louis, Mo.

Helm Brick Machine Co. ("Helm"),
Cadillac, Mich.Internat. Brick Mach. Co., Binghamton,
N. Y.La Grange Machine Works ("Little
Giant"), La Grange, Ind.Moore Plow & Implement Co., Greenville,
Mich.Northwestern Steel & Iron Works
("Northwestern" Tin Brick), Eau
Claire, Wis.Peerless Brick Machine Co. ("Peerless"),
13 N 6th, Minneapolis, Minn.Starch Bros. Co. ("Leader"), La Crosse,
Wis.**Cement Burial Vault Machinery**

See Molds, Concrete

Cement Drain Tile Machines

See Cement Sewer Pipe Machinery

7991—Cement MachineryAbbe Engineering Co., 220 B'way, New
York *See adv index at end of book***ALLIS-CHALMERS MFG. CO.**, Mil-
waukee, Wis. *See adv index at end of book*

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Atlas Engineering Co., Amherst, Ohio
*See adv index at end of book***BARTLETT C. O. & SNOW CO.**, French
st, Cleveland, O.*See adv index at end of book*
Bethlehem Foundry & Mach. Co., South
Bethlehem, Pa.

Bonnot Co., Canton, O.

Buchanan C. G. Co., 90 West, New York

Burrell Mfg. Co., Bradley, Ill.

Caldwell W. H. Sons Co., 17th & Western
av, Chicago, Ill.Century Cement Machine Co., Rochester,
N. Y.

Dunning W. D., Syracuse, N. Y.

Ehram J. B. & Sons Mfg. Co., Enter-
prise, Kan.Great Western Mfg. Co., Leavenworth,
Kan.**KENNEDY VAN SAUN MFG. & ENG.**
CORP. (For Cement Plants), 120
Broadway, New York*See adv index at end of book*
LINK-BELT CO., 39th & Stewart av,
Chicago, Ill., & Hunting Park av &
P. & R. Ry., Phila., Pa.*See adv index at end of book*
Manitowoc Engineering Works, Mani-
towoc, Wis.Mashek Engineering Co., 90 West, New
YorkMosser W. F. & Son (Rotary Crushers),
Allentown, Pa.Nazareth Foundry & Machine Co. (Re-
pair Parts), Nazareth, Pa.Nordyke & Marmon Co., 1290 Kentucky
av, Indianapolis, Ind.Prosser Thos. & Son (Imp.), 15 Gold,
New YorkQuintard Iron Works Co., 742 E 12th,
New YorkReeves Bros. Co. (For Wet or Dry Process)
Alliance, O.**Cement Mill Supplies****Rock Products Equipment Corp.**

42 Church Street N. Y. City

Sackett A. J., Cor 4th av & 1st, Balti-
more, Md.Smidth F. L. & Co., 50 Church, New
YorkStroud E. H. & Co., 928-934 Fullerton av,
Chicago, Ill.Sturtevant Mill Co., Clayton & Park,
Dorchester, Boston, Mass.**TREADWELL CONSTRUCTION CO.** (For
Wet or Dry Process), Midland, Pa.
See adv index at end of book

Treadwell H. M. Co., 140 Cedar, New York

Union Engineering Co., 1616 Columbus
rd, Cleveland, O.United Iron Works Co. (Cooling Towers,
Slurry Tanks, Pug Mills, Sacking Ma-
chines, etc), Springfield, Mo.

Vulcan Iron Works, Wilkes-Barre, Pa.

Webster Mfg. Co. (Elevating & Conveying),
Tiffin, O.Worthington Pump & Machy. Corp., 115
B'way, New York**Cement Moulding Machines**

See Concrete Building Block Machinery

Cement Porch Column Machinery

See Molds, Concrete

7992—Cement Post Machinery

See also Molds, Concrete

American Cement Machine Co., Keokuk,
IowaCement Machinery Co. ("Universal"),
Jackson, Mich.

Francis Machinery Co., St. Louis, Mo.

Northwestern Steel & Iron Works, Eau
Claire, Wis.

Cement Roofing Tile Machinery

See Cement Shingle Machinery

7993—Cement Sacking Machines

See also Cement Machinery

United Iron Works Co., Springfield, Mo.

7994—Cement Sewer Pipe Machinery

Besser Mfg. Co. (Hand & Power Machines for Drain Tile & Sewer Pipe), Alpena, Mich.

Cement Machinery Co., Jackson, Mich.
Cement Tile Machinery Co. ("Schank"), Waterloo, Ia.

Concrete Stone & Sand Co. ("Pauly"), Youngstown, O.

Farmers' Cement Tile Machine Co. ("Ideal" Drain Tile Machines), St. Johns, Mich.

Lansing Co., Lansing, Mich.

Monarch Mfg. Corp., Boone, Ia.

Quinn Wire & Iron Works ("National" Automatic for Large Cement Tile), Boone, Ia.

Raber & Lang Mfg. Co. ("Crescent" Molds for Drain Tile), Kendallville, Ind.

7995—Cement Shingle MachineryJanesville Cement Co., Janesville, Wis.
Leavitt Mfg. Co., Urbana, Ill.**7996—Cement Weighing Machines (Automatic)**

Richardson Scale Co., Passaic, N. J.

7997—Centering Machines

Binghamton Machine Works, Binghamton, N. Y.

Hendey Machine Co. ("Hendey," Belt & Motor Driven), Torrington, Conn.

Hurlbut-Rogers Machinery Co., South Sudbury, Mass.

Phoenix Mfg. Co., Hartford, Conn.

Pratt & Whitney Co., Hartford, Conn.

Rockford Drilling Machine Co. (Shaft), Rockford, Ill.

Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

WHITON D. E. MFG. CO. ("Whiton" Revolving), New London, Conn.
See adv index at end of book**998—*Centering Machines (Duplex)****WHITON D. E. MFG. CO.**, New London, Conn. See adv index at end of book**999—*Centering Machines (Two Spindle)****WHITON D. E. MFG. CO.** (Also One Spindle), New London, Conn.
See adv index at end of book**8000—Centrifugal Machines (Laboratory)**

American Tool & Machine Co. (Centrifugals, Dryers & Hydro-Extractors), 10 High, Boston, Mass.

Bausch & Lomb Optical Co., Rochester, N. Y.

Morgan J. E. Co., 211 Race, Phila., Pa.
Harples Specialty Co., West Chester, Pa.**8001—Ceramic Tile Machinery**Abbe Engineering Co., 220 B'way, New York See adv index at end of book
Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.**Cereal Roasting Machines**

See Coffee, Peanut, etc, Roasting Machines

8002—Chain Link Coiling Machines

Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

8003—Chain Making Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

Breul Fred G (Automatic), Bridgeport, Conn.

Garvin Machine Co. (Bicycle), 147 Varick, New York

Turner, Vaughn & Taylor Co. (For Welded Chains, etc), Cuyahoga Falls, O.

8004—Chain Welding Machinery

Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

8005—Chair Back Post Bending Machines

Jenkins Machine Co., Sheboygan, Wis.

8006—Chair Machinery

See also Cane-Seat Chair Machinery

American Wood Working Machinery Co., Rochester, N. Y.

Baldwin E. E., Gardner, Mass.

Chase Turbine Mfg. Co. (Chair Back Machines), Orange, Mass.

Cordesman-Rechtin Co., Butler, Cincinnati, O.

Fay J. A. & Egan Co., Cincinnati, O.

Gardner Machine Works (E. N. & W. H. Hobby, Props.), Gardner, Mass.

Goodspeed Machine Co., Winchendon, Mass.

Jenkins Machine Co., Sheboygan, Wis.

Linderman Machine Co., Muskegon, Mich.

McKnight L. G. & Son Co., Gardner, Mass.

Nash J. M. (Special), 842 30th, Milwaukee, Wis.

Purdy Chester, Ghent, O.

Whitney Baxter D. & Son, Winchendon, Mass.

8007—Chair Seat Machinery

Jenkins Machine Co. (Jointers, Notchers, Scoopers), Sheboygan, Wis.

Linderman Machine Co. (Dovetail Jointer), Muskegon, Mich.

8008—Chamfering & Crozing Machines

Clough & Witt Machine Co., 1740 Columbus, Cleveland, O.

Ingle Machine Co., 371 St. Paul, Rochester, N. Y.

Oram John S. Co. (& Howeling), Cleveland, O.

Rochester Barrel Machine Works, Rochester, N. Y.

8009—Change Making MachinesBarrett Changer Co., 616 So Michigan Blvd, Chicago, Ill.
International Money Machine Co., Terre Haute, Ind.**Channeling Machines**

See Stone Channeling Machines

8010—Charging Machines (Open Hearth)Alliance Machine Co., Alliance, O.
Brosius Edgar E., Benedum Trees bldg, Pittsburgh, Pa.**MORGAN ENGINEERING CO.** (For Billets, Blooms, etc), Alliance, O.
See adv index at end of book

Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Wellman-Seaver-Morgan Co. ("Wellman"), Cleveland, O.

8011—Check Writing MachinesHall-Welter Co., Rochester, N. Y.
Todd Protectograph Co. ("Protectograph," "Peerless"), 1050 University av, Rochester, N. Y.**8012—Cheese Box Machinery**

Goo & Hopkins, Delavan, N. Y.

Grammes L. F. & Sons, Allentown, Pa.

Oakes & Burger Co., Cattaraugus, N. Y.

Yates P. B. Machine Co., Beloit, Wis.

8013—Cheese Box Nailing Machines

Goo & Hopkins, Delavan, N. Y.

8014—Cheese Factory MachineryBurrell D. H. & Co., Little Falls, N. Y.
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.

Gehl M. C. Co., 3002 Melnecke av, Milwaukee, Wis.

Jones Frank L., Utica, N. Y.

Oakes & Burger Co., Cattaraugus, N. Y.

8015—Chemical Machinery

Abbe Engineering Co., 220 B'way, New York See adv index at end of book

American Tool & Machine Co. (Centrifugals & Hydro-Extractors), 10 High, Boston, Mass.

Badger E. B. & Son Co., 75 Pitts, Boston, Mass.

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.
See adv index at end of book

Electron Chemical Co. (Electrolytic Cells for Chlorine & Caustic Soda Plants), 120 Exchange, Portland, Me.

Patterson Foundry & Machine Co., E Liverpool, O.

Pratt Engineering & Machine Co., Atlanta, Ga.

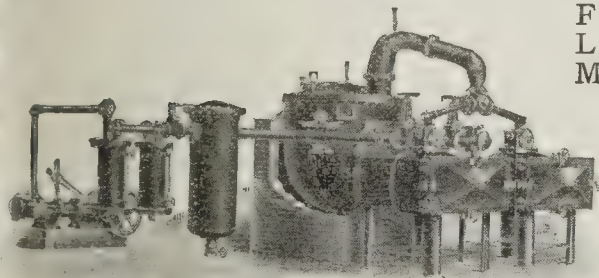
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

Valley Iron Works, Williamsport, Pa.

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Warner Chemical Co. (For Chloride of Soda Plants, 52 Vanderbilt av, New York

WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*
ZAREMBA CO. (Evaporators, Leaching Cells), 710 Morgan bldg, Buffalo, N. Y. *See adv index at end of book*

8016-7—Cherry Pitting Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8018—Chewing Gum Machines

Clough & Witt Machine Co., 1740 Columbus, Cleveland, O.
 Mills Thos. & Bro., 8th & Thompson, Phila., Pa.
 Savage Bros. Co., 321 W Austin, Chicago, Ill.
 Werner & Pfeleiderer Co., Saginaw, Mich. *See adv index at end of book*

8018a—*China Clay Dissolving Machines

Werner & Pfeleiderer Co., Saginaw, Mich. *See adv index at end of book*

8019—Chocolate Coating Machines

Racine Engine & Machine Co., Racine, Wis.

8020—Chocolate Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
 Carey Sam'l, 17 State, New York
 Day J. H. Co., Cincinnati, O.
 Kent Machine Works, 39 Gold, Brooklyn, N. Y.
 National Equipment Co., Springfield, Mass.
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

8021—Chuckling, Boring & Turning Machines (Automatic)

Giddings & Lewis Mfg. Co., Fond du Lac, Wis.

8022—Chuckling Machines

Acme Machine Tool Co., Cincinnati, O.
 Baker Bros. (Vertical), Toledo, O.
 Bickford H. & Co. ("Bickford" Vertical), Lakeport, N. H.
 Brown & Sharpe Mfg. Co. (Horizontal & Vertical), Providence, R. I.
 Bullard Machine Tool Co. ("Standard" Vertical), Bridgeport, Conn.
 Davis Machine Tool Co. (Horizontal), Rochester, N. Y.
 Fay & Scott, Dexter, Me.
 Garvin Machine Co., 147 Varick, New York
 Giddings & Lewis Mfg. Co. ("Conradson"), Fond du Lac, Wis.
 Gisholt Machine Co. (Turret Lathes for Finishing Castings & Forgings), Madison, Wis.
 Hamilton Machine Tool Co., Hamilton, O.
 Jones & Lamson Machine Co., Springfield, Vt.
 King Machine Tool Co. (Vertical), Clifton av & B. & O. S. W. R. R., Cincinnati, O.
 Le Blond R. K. Machine Tool Co., Cincinnati, O.
 Lodge & Shipley Machine Tool Co., Cincinnati, O.
 Millholland W. K. Machine Co., Indianapolis, Ind.
 Ober Mfg. Co. (Wood), Chagrin Falls, Ohio
 Oliver Machinery Co., Grand Rapids, Mich.
 Potter & Johnston Machine Co. ("Manufacturing Automatic"), Pawtucket, R. I.
 Pratt & Whitney Co., Hartford, Conn.
 Quint A. D. (Vertical), Hartford, Conn.
 Reed-Prentice Co., Worcester, Mass.
 Rogers Machine Tool Co., Alfred, N. Y.
 Springfield Machine Tool Co., Springfield, Ohio
 Warner & Swasey Co., Cleveland, O.
 Whitcomb-Blaisdell Machine Tool Co., Worcester, Mass.

8023—Chuckling & Turning Machines (Automatic)

Hartford Machine Screw Co., Hartford, Conn.
 Potter & Johnston Machine Co., Pawtucket, R. I.
 Pratt & Whitney Co., Hartford, Conn.

Cider Making Machinery

See Wine Making Machinery

8024—Cigar Banding Machines

Miller, DuBrul & Peters Mfg. Co. ("Champion"), 507 E Pearl, Cincinnati, O.

8025—Cigar Box Machinery

Doig Wm. S. (Nailing, etc), 54 Franklin, Brooklyn, N. Y.
 Grammes L. F. & Sons, Allentown, Pa.
 Johnston Wm. T. Co. (Lumber Imitation), 3rd & Vine, Cincinnati, O.
 Shirk P. E., Blue Ball, Pa.

8026—Cigar Bunching Machines

Miller, DuBrul & Peters Mfg. Co. ("Mills," "DuBrul"), 507 E Pearl, Cincinnati, O.

8027—Cigar Machinery

American Machine & Foundry Co. ("Fresh Work," "Toscani Cheroot," "Cigar & Cheroot Rolling") 520 2d av, Brooklyn, N. Y.
 Cigar Machine Corp. of Amer. (Automatic), Industrial bldg, Baltimore, Md.
 Ermold Edward Co. (Branding Machine), 656 Hudson, New York
 Grammes L. F. & Sons, Allentown, Pa.
 Liberman Mfg. Co., 248 N 8th, Phila., Pa.
 Miller, DuBrul & Peters Mfg. Co. (& Moulds, etc), 507 E Pearl, Cincinnati, O.
 Strieder J. W. Co. (Banding Machines, Automatic), 178 Ruggles, Boston, Mass.

8028—Cigar Re-Packing Machines

National Selling Co., Allentown, Pa.

8029-30—*Cigarette Box Machinery (Tin)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8031—Cigarette Machinery

American Machine & Foundry Co. ("Standard," "Cork Tip"), 520 2d av, Brooklyn, N. Y.
 Comas Machine Co. (For Plain or Cork Tipped Cigarettes), Salem, Va.
 Griswold George M. Machine Co., New Haven, Conn.
 Ludington Cigarette Mach. Co., Waterbury, Conn.
 Miller, DuBrul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, O.

8032-3—Cigarette Packing Machines

American Machine & Foundry Co. ("Pouch," "Foil"), 520 2d av, Brooklyn, N. Y.
 Comas Machine Co., Salem, Va.
 International Packing Machines Co., 66 Leonard, New York

8034—Circle & Flanging Machines

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

8035—Circular Folding Machines

American Multigraph Sales Co. ("Universal," Letter & Statement), 1832 E 4th, Cleveland, O.
 Dick A. B. Co., 736 W Jackson blvd, Chicago, Ill.
 Leffer Charles & Co. (Used in Packing Baking Powder, Medicines, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

8036—Circular Re-Sawing Machines

Bentel & Margedant Co., Hamilton, O.
 Braun J. G., 609 S Paulina, Chicago, Ill.
 Connell & Dengler Mach Co., Rochester, N. Y.
 Fay J. A. & Egan Co., Cincinnati, O.
 Yates P. B. Machine Co., Beloit, Wis.

Circular Stone Sawing Machines

See Stone Sawing Machinery, with the words Circular Sawing following their names

8037—Clapboard Machinery

Lane Mfg. Co., Montpelier, Vt.
 Union Iron Works, Bangor, Me.

8038—Clay Building Block Machinery

See also Brick Machinery, also Brick Press Machines

American Clay Machinery Co., S Walnut, Bucyrus, O.

Anderson Foundry & Machine Works, Anderson, Ind.

Bonnot Company, Canton, O.

Brewer H. & Co., Tecumseh, Mich.

Fate J. D. Co., Plymouth, O.

Freese E. M. & Co., Gallon, O.

Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

8039—Clay Filtering Machinery

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J. *See adv index at end of book*

8040—Clay Grinding Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

American Clay Machinery Co., S Walnut, Bucyrus, O.

Anderson Foundry & Mach. Works, Anderson, Ind.

Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York; Works: Elizabethport, N. J.

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J. *See adv index at end of book*

Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.

United Iron Works Co., Springfield, Mo.

8041—Clay Tempering Machinery

Carnell Geo. (Est. of), 1819 N 5th, Phila., Pa.

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J. *See adv index at end of book*

Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

8042—Clay Washing Machinery

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CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.
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Model Machine Works, Trenton, N. J.
Patterson Foundry & Mach. Co., East Liverpool, O.**8043—*Clay Working Machinery**

See also Brick Press Machines, etc.

AMERICAN CLAY MACHINERY CO., S Walnut, Bucyrus, O.**Buckeye Traction Ditcher Co.** The (Clay Digger for Tile & Brick), Findlay, Ohio**IVENS WM. H. SONS CO.** (Jiggers, Oval Dish & Plug Bowl Machines, Surface Grinders, etc), P. O. Box 647, Trenton, N. J.**8044—Cleat Sawing Machines****Mereen-Johnson Machine Co.** (Gang Cleat Saws), 44th av, N & River, Minneapolis, Minn.**8045— Clipping Machines****Huntley Mfg. Co.** ("Monitor" for Oats, Barley, Rice, etc), Silver Creek, N. Y.
Invincible Grain Cleaner Co. ("Invincible" Oak Barley & Rice), Silver Creek, N. Y.**8046—Clock Pinion Turning Machines****Davenport Machine Tool Co.** (Automatic), New Bedford, Mass.**8047—Clock & Watch Makers' Machinery****Ames B. C. Co.**, Waltham, Mass.
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.
Draher John, Waterbury, Conn.
Nichols W. H. (Watchmakers'), Waltham, Mass.**STARK TOOL CO.**, Waltham, Mass.
*See adv index at end of book***Waltham Machine Works**, Waltham, Mass.**8048-9—Closing Machines for Steel Lead Kegs****AMERICAN CAN CO.** (Machy. Dept.), Monroe bldg, Chicago, Ill.
*See adv index at end of book***8050—Cloth Laying Machines****Shuttle Machine Co.**, 18 E 17th, New York**Cloth Room Machinery**

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8051—Cloth Shrinking & Sponging Machines**Moritz Herman & Excelsior Shrinking Co.**, 310 6th av, New York**8052—Clothes Pin Machinery****Goodspeed Machine Co.**, Winchendon, Mass.**Humphrey Machine Co.**, Keene, N. H.**8053—Clothes Pressing Machines****BEACH-RUSS CO.**, 220 B'way, New York
*See adv index at end of book***EDWARDS MFG. CO.** (Gas & Steam), 545-565 Eggleston av, Cincinnati, O.
*See adv index at end of book***Leader Machine Co.**, 2841 N Francisco av, Chicago, Ill.**Lowell Mfg. Co.** (For all Purposes), Erie, Pa.**Rosenbaum Mfg. Co.**, 33 Bleecker, New York**Stockwell & Co.**, 229 N Holliday, Baltimore, Md.**U. S. Hoffman Co.** ("Hoffman"), Syracuse, N. Y.**Williams Tool Co.**, Erie, Pa.**8054—*Clothes Pressing Machines (Electric)****EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.
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*See adv index at end of book***Milholland J. & J. B. Co.**, 714 5th av, Pittsburgh, Pa.**Pennsylvania Crusher Co.** ("Bradford"), Stephen Girard bldg, Phila., Pa.**Roberts & Schaefer Co.**, 332 S Michigan av, Chicago, Ill.**Willmot Engineering Co.**, Hazleton, Pa.**Coal Car Dumping Machines**

See Car Dumping Machinery

Coal Crushing Machinery

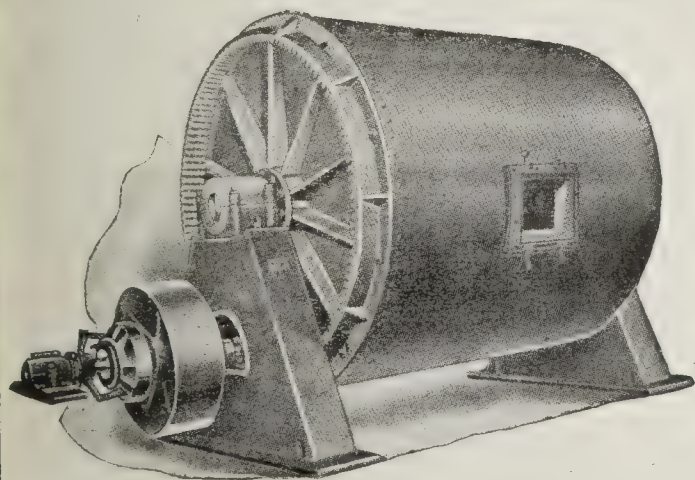
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8056—Coal Cutting MachinesSee also Chain Mining Machines
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.**Herzler & Henninger Machine Works**, Belleville, Ill.**INGERSOLL-RAND CO.** ("Radialaxe," "Jackhammer" & "New Ingersoll," Entry Drivers), 11 B'way, New York
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8058—Coal Shearing & Undercutting Machines**INGERSOLL-RAND CO.** ("Radialaxe"), 11 B'way, New York*See adv index at end of book***8059—Coal Washing Machinery****Heyl & Patterson**, 51 Water, Pittsburgh, Pa.**LINK-BELT CO.** ("Luhrig," "Stewart" "Foust" Processes), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
*See adv index at end of book***Montgomery Coal Washing & Mfg. Co.**, Birmingham, Ala.**Penn. Crusher Co.** ("Penna. Bradford" Can Cleaner), Stephen Girard bldg, Phila., Pa.**Pittsburgh Coal Washer Co.**, Fulton bldg, Pittsburgh, Pa.**Tamaqua Mfg. Co.**, Tamaqua, Pa.**Webster Mfg. Co.**, Tiffin, O.**8060—Coal & Ore Handling Machinery**

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Alliance Machine Co., Alliance, O.**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.*See adv index at end of book***BROWN HOISTING MACHINERY CO.** (Coal Storage, Coal Unloaders, Car Dumpers, etc), 4403 St. Clair, N. E. Cleveland, O. *See adv index at end of book***Browning Co.** (Coal Unloaders, Car Dumps, etc), Cleveland, O.**Caldwell H. W. & Son Co.**, 17th & Western av, Chicago, Ill.**Chain Belt Co.**, Milwaukee, Wis.**Denver Engineering Works Co.**, Denver, Colo.**Duncan Foundry & Machine Works**, Alton, Ill.**Fairmont Mining Machy. Co.**, Fairmont, W. Va.**Farnham Mfg. Co.**, 39 Indiana, Buffalo, N. Y.**Gifford-Wood Co.** (Coal Handling Only), Hudson, N. Y.**THE CROSSLEY MACHINE CO.**

TRENTON, N. J., U. S. A.

MANUFACTURERS OF

**Electric Porcelain, Tile and Clay
Washing Machinery, Boilers
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General Machinists and Founders**

THE HAYWARD COMPANY DIGGING MACHINERY

50 CHURCH STREET, NEW YORK

See adv index at end of book

Helmick Fdry. & Mach. Co., Fairmont, W. Va.

Hoover & Mason, 80 E Jackson blvd, Chicago, Ill.

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.

Howlett W. E. Construction Co. (Coal Handling only), Moline, Ill.

Hunt C. W. Co., West New Brighton, N. Y. See adv index at end of book

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.

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Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

LIDGERWOOD MFG. CO., 96 Liberty, New York See adv index at end of book

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

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McLanahan-Stone Mach. Co., Hollidaysburg, Pa.

McMyler-Interstate Co., Bedford, O.

Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.

Maine Electric Co., Portland, Me.

Mead-Morrison Mfg. Co. (Automatic), cor Prescott & Orleans, East Boston, Mass.

Milbolland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

PATENTS

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Washington Office: 625 F Street, Washington, D. C.

Neumeyer & Dimond ("Demag" Imp.), 32 Beaver, New York

New Jersey Foundry & Machine Co., 89 West, New York

ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Roberts & Schaefer Co., 332 S Michigan av, Chicago, Ill.

ROBINS CONVEYING BELT CO., 13 Park row, New York

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Sackett H. B. Screen & Chute Co., 1691 Elston av, Chicago, Ill.

Skills & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Toledo Bridge & Crane Co., 2500 Dorr, Toledo, O.

Union Engineering Co., 1616 Columbus rd, Cleveland, O.

United Iron Works Co., Springfield, Mo.

Webster Mfg. Co., Tiffin, O.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

Coat & Hat Hook Machines (Automatic)

See Wire Forming Machinery

Coating Machines for Roofing

See Paper, Saturating, Coating & Waterproofing Machines

8061—Coating Mill Machinery

Koegel Chas. & Sons, Holyoke, Mass.

Waldron Jno. Co., New Brunswick, N. J.

8062—Cockle Machines

Barnard & Leas Mfg. Co., Moline, Ill.

Blymyer Iron Works Co. (For Rice), Cincinnati, O.

Prinz & Rau Mfg. Co., 659 E Water, Milwaukee, Wis.

8063—Cocoa Machinery

Abbe Engineering Co., 220 B'way, New York See adv index at end of book

Carey Samuel (Complete Plants), 17 State, New York

8064—Cocoa Plantation Machinery

Mason Marcus & Co., Framingham, Mass.

8065—Coffee Cooling, Stoning & Elevating Machinery

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Huntley Mfg. Co., Silver Creek, N. Y.

Lambert Machine Co., Marshall, Mich.

8066—Coffee Grading Machines

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Squier Geo. L. Mfg. Co., Buffalo, N. Y.

8067—Coffee, Peanut & Cocoa Bean Roasting Machines

Bartholomew Co., Peoria, Ill.

Burns Jabez & Sons, 600 W 43d, New York

Dunbar & Co. (Peanut & Pop Corn Roasters), 2652 W Lake, Chicago, Ill.

Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor") Coffee Roasters, Silver Creek, N. Y.

Kingery Mfg. Co. (Peanut Only), 420 E Pearl, Cincinnati, O.

Lambert Machine Co., Marshall, Mich.

Lange Henry G., 162 N May, Chicago, Ill.

8068—Coffee Polishing Machines

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8069—Coffee Roasting Machines (Complete Plants)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8070—Coffee & Rice Cleaning Machinery

Bahmann Iron Works Co., Cincinnati, O.

Blymyer Iron Works Co., Cincinnati, O.

Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.

Farquhar A. B. Co. (Ltd.), York, Pa.

Fraser Mfg. Co., 573 Henderson, Jersey City, N. J.

Howes S. Co. (Hulling & Grading), Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Invincible Grain Cleaner Co., Silver Creek, N. Y.

Johnson & Field Mfg. Co., Racine, Wis.

Mason Marcus & Co., Framingham, Mass.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Salem Iron Works (Coffee Only), Winston-Salem, N. C.

8071—Coffee & Rice Plantation Machinery

Bahmann Iron Works Co., Cincinnati, O.

Blymyer Iron Works Co., Cincinnati, O.

Engelberg Huller Co. (Hullers & Polishers), Syracuse, N. Y.

Mason Marcus & Co., South Framingham, Mass.

Salem Iron Works (Coffee), Winston-Salem, N. C.

8072—Coffee & Spice Mill Machinery

Beach-Russ Co., 220 B'way, New York See adv index at end of book

Burns Jabez & Sons (Power Machines), 600 W 43d, New York

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

8073—Coiling Machines for Match Splits

Griswold George M. Machine Co., New Haven, Conn.

8074—Coiling Machines (Wire)

Baird Machine Co. (Automatic), Bridgeport, Conn.

Manville E. J. Machine Co., Waterbury, Conn.

Morgan Construction Co., Worcester, Mass.

8075—Coin Counting Machines

Automatic Appliance Co. (Automatic Counting & Packing), 172 Columbus av, Boston, Mass.

Johnson Coin Counting Machine Co. ("Johnson"), 239 4th av, New York

LAMSON CO. ("Lamson" Coin Cashier for Cashier & Payroll Work), 100 Bolyston, Boston, Mass.

Coin Operating Machines

See Vending Machines.

8076—Coin Wrapping Machines

Automatic Coin Wrapping Machine Co. ("Batdorf"), 80 Greenwich, New York

8077—Coining Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

Ferracute Machine Co., Bridgton, N. J.

Johnson Iron Works, Ltd., Morgan & Sequin, New Orleans, La.

Coke Crushing Machinery

See Crushers, Coal & Coke.

8078—Coke Drawing & Loading Machines

Covington Machine Co., Covington, Va.

8078a—*Coke Handling Machinery

Atlas Engineering Co., Amherst, O.

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BARTLETT C. O. & SNOW CO., French st, Cleveland, Ohio.

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Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. See adv index at end of book

8079—Coke Oven Machinery

Connellsville Mfg. & Mine Supply Co. (Rectangular), Connellsville, Pa.

Covington Machine Co., Covington, Va.

Scottdale Machine & Mfg. Co., Scottdale, Pa.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Variety Iron & Steel Works Co., Cleveland, O.

Wellman-Seaver-Morgan Co., Cleveland, O.

8080—Cold Roll Pointing Machines (Automatic)

Morgan Construction Co., Worcester, Mass.

8081—Cold Rolling Machines

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Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

Engineering Products Co. ("Demag"), 50 Church, New York

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8082—Cold-Saw Cutting-Off Machines

American Saw Works, Hackettstown, N. J.

Braun J. G., 609 S Paulina, Chicago, Ill.

Burr John T. & Son, 429 Kent av, Brooklyn, N. Y.

Cochrane-Bly Co., Rochester, N. Y.

Earle Gear & Machine Co. ("Lea-Simplex"), Stenton & Wyoming aves, Phila., Pa.

Espen-Lucas Machine Works, Girard av, Phila., Pa.

Ham L. M. Co., 158 Portland, Boston, Mass.

Higley Machine Co., Croton Falls, N. Y.

Hub Machine Welding & Contracting Co. ("Acme"), 22nd & Race, Phila., Pa.
 Lea-Courtenay Co., 90 West, New York
 Mackintosh, Hemphill & Co. (Horizontal, for Rolling Mills, etc.), Pittsburg, Pa.
 Modern Machine Tool Co., Jackson, Mich.
 Newton Machine Tool Works 23 Vine, Phila., Pa.
 Nutter & Barnes Co., Hinsdale, N. H.
 Robertson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.
 Ryerson Jos. T. & Son ("Ryerson" High Speed Friction), 2558 W 16th, Chicago, Ill.
 Tindel-Morris Co. ("Paragon" High Duty), Eddystone, Pa., & Ellwood City, Pa.
 Union Tool Co. ("Hill" Automatic), Orange, Mass.
 United Engineering & Foundry Co. (High Speed, Heavy), 207 5th av, Pittsburgh, Pa.
 Wetherill R. & Co. (For Steel Foundries), Chester, Pa.

8083—Cold Saw Cutting-Off Machines (Multiple)

Newton Machine Tool Works, 23 Vine, Phila., Pa.

8084—Cold Saw Sharpening Machines

Cochrane-Bly Co., Rochester, N. Y.
 Higley Machine Co., Croton Falls, N. Y.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8085—Collapsible Tube Closing Machines

Standard Spec. & Tube Co., New Brighton, Pa.

8086—Collapsible Tube Filling Machines

Standard Spec. & Tube Co., New Brighton, Pa.

8087—Collar Folding Machines

Interstate Machinery Co., Troy, N. Y.

8088—Collar Moulding Machines

National Chemical Co. ("Prosperity"), Syracuse, N. Y.

8089—Collar Seam Dampening Machines

American Laundry Machinery Co., 1800 N Spaulding av, Chicago, Ill.
 Chicago Laundry Machinery Co. ("Florian"), 213 W Grand, Chicago, Ill.
 Interstate Machinery Co., Troy, N. Y.
 National Chemical Co., Syracuse, N. Y.
 Zeidler Wm. A. Co., 401 E 163d, New York

8090—Collar Shaping Machines

Chicago Laundry Machinery Co. ("Florian"), 213 W Grand av, Chicago, Ill.
 Interstate Machinery Co., Troy, N. Y.
 Reed Mfg. Co. ("Shaw"), Erie, Pa.
 Zeidler Wm. A. Co. ("20th Century"), 401 E 163d, New York.

8091—Collar & Cuff Laundry Machinery

Brown E. H. Mfg. Co., Troy, N. Y.
 Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

8092—Comb & Hair Pin Machinery & Tools

Baird Machine Co. (Automatic, Hair Pin Machinery), Bridgeport, Conn.
 Cook F. H. & Co. (Horn, Tortoise Shell, Celluloid or Rubber), Leominster, Mass.
 Grimes & Harris (Horn), Leominster, Mass.

8093—Commutator Slotting Machines

Electric Service Supplies Co. ("Peerless"), 17th & Cambria, Phila., Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y. See adv index at end of book
 Wood Chas. M. Co., 14 Federal, Boston, Mass.

8094—Compressed Yeast Machinery

Erhart Chris, 1237 W 6th, Cincinnati, O.

8095—Computing Machines

See also Adding Machines

Barrett Adding Machine Co. (Portable), Bulletin bldg, Phila., Pa.
 Comptograph Co., 1717 N Paulina, Chicago, Ill.
 National Scale Co. (National Counting), 11 Hendricks, Chicopee Falls, Mass.
 Underwood Computing Machine Co., 260 Gold, Brooklyn, N. Y.

Concentrating Machinery

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Concrete Brick Machines

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8096—Concrete Building Block Machinery

Anchor Concrete Stone Co., Rock Rapids, Ia.
 Architectural Mold Co., Warren & Medrum avs, Detroit, Mich.
 Besser Mfg. Co. ("Eureka"), Alpena, Mich.
 Bragstad Concrete Machy. Co., Canton, S. Dak.
 Cardington Cabinet Co. ("Diamond"), Cardington, O.
 Cement Machy. Co. ("Monarch"), Jackson, Mich.
 Cement Tile Machy. Co., Waterloo, Ia.
 Century Cement Machine Co. ("Heracles"), Rochester, N. Y.
 Colgan Machinery & Supply Co., Columbus, O.
 Concrete Stone & Sand Co. ("Pautey," Wax Machines), Youngstown, O.
 Dunn W. E. Mfg. Co., 4134 Fillmore, Chicago, Ill.
 Enterprise Foundry Co. ("Perfection"), Rochester, N. Y.
 Ferguson Synstone Co., Denver, Col.
 Foote J. B. Foundry Co., Frederickstown, Ohio
 Francis Machinery Co., St. Louis, Mo.
 Hall, J. P., ft Henderson, 588 Central av, Jersey City, N. J.
 Hayden Automatic Block Machine Co. ("Hayden"), Columbus, O.
 Hobbs Concrete Mach. Co., 1445 W Gd blvd, Detroit, Mich.
 Hydraulic Press Mfg. Co., Mount Gilead, Ohio
 Ideal Concrete Machinery Co. ("Ideal"), 1346 Monmouth av, Cincinnati, O.
 Jaeger Machine Co. ("Jaeger-Ken" Hydraulic), 216 S Rich, Columbus, O.
 Lansing Co., Lansing, Mich.
 McKenzie Bros. Mfg. Co., La Crosse, Wis.
 Miles Mfg. Co., Jackson, Mich.
 Monarch Mfg. Corp., Boone, Ia.
 Moore Plow & Implement Co., Greenville, Mich.
 Multiplex Concrete Machinery Co. ("Multiplex," Hand Lever), Elmore, O.
 Northwestern Steel & Iron Works, Eau Claire, Wis.
 Pettyjohn Co., Terre Haute, Ind.
 Quinn Wire & Iron Works, Boone, Ia.
 Reed Mfg. Co., Springfield, O.
 Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
 Rowell D. G. ("Samson"), Appleton, Wis.
 Sanford Concrete Machinery Co., Toledo, Ohio
 Somers Bros. Mfg. Co., Urbana, Ill.
 U. S. Standard Mfg. Co., Ashland, O.
 Waterloo Cement Machy. Corp., Waterloo, Ia.
 X. L. Concrete Stone Mach. Co., Kansas City, Mo.
 Zagelmeyer Cast Stone Block Machy. Co. (Zagelmeyer System), Bay City, Mich.
 Youngstown Engineering Co., Youngstown, O.

Concrete Pipe Machinery

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Concrete Post Machines

See Cement Post Machinery

Concrete Roofing Tile Machinery

See Cement Shingle Machinery

8097—Concrete Structural Tile Machines

Concrete Stone & Sand Co. ("Pauly," for Partitions, etc), Youngstown, O.
 Eberling Mch. Co., Williamson bldg, Cleveland, O.
 Kramer Automatic Tamper Co., Peoria, Ill.

8098—Condensed Milk Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

8099—Condensed Milk Machinery

Climax Machinery Co. Indianapolis, Ind.
 Harris Arthur & Co., 212 N Curtis, Chicago, Ill.
 Huetteman & Cramer Co., Mack & Beau-fait, Detroit, Mich.
 Oat Jos. & Sons, 230 Quarry, Phila., Pa.
 Roaters Chas E., Detroit, Mich.
 Stickney Henry R. (Can Filling & Syruping, etc), Portland, Me.

8100—Conductor Pipe & Eave Trough Machinery

Canton Foundry & Machine Co. ("Universal"), Canton, O.
 Schoedinger F. O., 146 N 3d, Columbus, O.

Conduit Bending Machines

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8101—Conduit Machinery

American Clay Machinery Co., S. Walnut, Bucyrus, O.

8102—Conduit Snaking & Wire Pulling Machines

National Conduit Wiring Machine Co., 25 Broad, New York

8103—Conduit Threading Machines

Cope T. J. ("Cope's"), 1620 Chancellor, Phila., Pa.
 Pneumatic Conduit Threader Co., Richmond, Va.

8104—Confectioners' Machinery

See also Dough Mixing & Kneading Machinery, etc

Anderson J. P. & Co. (Mixing Machines, Cutters, Graters, Rools, etc), 422 N 6th, Phila., Pa.
 Barbour, Stockwell Co., Cambridgeport, Mass.
 Buhr, Plaff & Co. ("Heilman" Candy Rolling Machines, etc), 2d & Race, Cincinnati, O.
 Clad V. & Sons (Cutters, Mixers, Copper Jacket Kettles, Revolving Pans, etc), 16th & Callowhill, Phila., Pa.
 Collum Mfg. Co. (Candy & Cream Coolers, Cutters, etc), Hartford, Conn.
 Confectioners' & Bakers' Supply Co. (Machinery Tools & Supplies of All Kinds), 11 E Illinois, Chicago, Ill.
 Duff P. & Sons (Brandle & Smith Spinning Machines, etc), 918 Duquesne-way, Pittsburgh, Pa.
 Erny Henry, 75 Fulton, New York
 Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
 Hildreth Herbert L. Co. (Candy Pulling Machines, etc), 67 Batterymarch Boston, Mass.
 Lange Henry G., 172 N May, Chicago, Ill.
 Long W. Z. Co. (Crispette Machines), Springfield, O.
 Marquette John & Sons (Marshmallow Machines), 513 S Eden, Baltimore, Md.
 Mills Thos. & Bro. (Mixers, Cutters, Freezers, etc), 8th & Thompson, Phila., Pa.
 National Equipment Co., Springfield, Mass.
 Racine Engine & Machine Co. (Chocolate Mixers, Syrup Coolers, Cream Beaters, etc), Racine, Wis.
 Rittenhouse Frank (Nougat Cutting Machines, etc), Norristown, Pa.
 Savage Bros. Co. (Mixers, Chewing Gum Machines, Revolving Pans, etc), 321 W Austin, Chicago, Ill.
 Thomson Machine Co. (Baker's), Belleville, N. J.
 Werner John & Sons (Labor Saving Confectionery Machines), Rochester, N. Y.

Conveying Machinery

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8105—Cooling Machines (Vegetable Canneries)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Cooperage Machinery

See Barrel, Keg, Stave & Heading Machinery

8106—Coping Machines**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.For branch offices see *adv index at end of book*

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E Cleveland, O.

Ham L. M. Co. ("Ham's"), 158 Portland, Boston, Mass.

HILLES & JONES CO., East Wilmington, Del. See *adv index at end of book*

Ironton Punch & Shear Co., Ironton, O.

Kling Bros., Engineering Works, 1304 Kingsbury, Chicago, Ill.

Long & Allstatter Co. (Beam Coping, etc), Hamilton, O.

Mackintosh, Hemphill & Co., Pittsburgh, Pa.

Niles-Bement-Pond Co., 111 B'way, New York

Pels Henry & Co. (Imp), West & Albany, New York

PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.See *adv index at end of book*

Rock River Machine Co. ("Badger"), Janesville, Wis.

Wiener Machinery Co., 56 Church, New York

Williams, White & Co. (Coping & Punching Machines), Moline, Ill.

8107—Copper Converting Machinery

Alliance Machine Co., Alliance, O.

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See *adv index at end of book***8108—Copper Working Machinery**

Portage Lake Foundry & Machine Co., Hancock, Mich.

Cord Wood Sawing & Splitting Machines

See Kindling Wood Machinery

8109—Cordage Machinery

Brownell G. L., Worcester, Mass.

Haskel-Dawes Machine Co., Boston, Mass.

Kelly R. A. Co., Zenia, O.

Lockwood Mfg. Co., 65 Sumner, East Boston, Mass.

Watson Machine Co., Paterson, N. J.

8110—Core Box Machines

Oliver Machinery Co., Grand Rapids, Mich.

Portland Co. ("Thomes"), Portland, Me.

Rochester Barrel Machine Works, Rochester, N. Y.

8111—Core Cutting Machines

Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.

Lewis Machine Co. (Wire), 830 Long av, Cleveland, O.

Wadsworth Core Mach. & Equip. Co., Akron, O.

8112—Core Jarring Machines

Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.

Wadsworth Core Machine & Equipment Co. (Wadsworth-Detroit Jar-Ram, Rollover, Box-Lifting), Akron, O.

8113-4—Core Making Machines

Arcade Mfg. Co., ("Arcade" Roll Over), Freeport, Ill.

Barkshire Mfg. Co. ("Acme"), Cleveland, O.

Brown Specialty Machinery Co. ("Hammer"), 2440 W 22d, Chicago, Ill.

Demmler Wm. & Bro. ("Hewlett"), Keokuk, Ill.

Diamond Clamp & Flask Co. (Jolt Ramming), Richmond, Ind.

Hill & Griffith Co., 1248 State av, Cincinnati, O.

McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.

Midland Machine Co. ("Grimes" Jolt Ramming), Detroit, Mich.

Wadsworth Core Machine & Equipment Co., Akron, O.

8115—Core Sand Washing Machines

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

8116—Core Tapering Machines

Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.

Wadsworth Core Machine & Equipment Co., Akron, O.

8117—Core Testing Machines

Wadsworth Core Machine & Equipment Co., Akron, O.

8118—*Cork Compound Mixing Machines

Werner & Pfeiderer Co., Saginaw, Mich.

See *adv index at end of book***8119—Cork Cutting Machinery**Abbe Engineering Co., 220 Bway, New York. See *adv index at end of book*

Barber M. A., Norwich, Conn.

8120—Cork MachineryAbbe Engineering Co., 220 B'way, New York. See *adv index at end of book*

Lester & Wasley Co., Norwich, Conn.

Corking Machines

See Bottle Corking Machines.

8121—Corking Machines (Preservers')**VILTER MFG. CO.**, 1046 Clinton, Milwaukee, Wis. See *adv index at end of book***8122—Corn Cutting Machines**

Morrall Bros., Morrall, O.

Sprague Canning Machinery Co. (For Cannery), 222 N Wabash av, Chicago, Ill.

Superior Hay Stacker Mfg. Co., Linneus, Mo.

Moss Bros. Mfg. Co. ("Little Giant"), Davenport, Ia.

8123—Corn Husking Machines

Huntley Mfg. Co. ("Monitor" for Green Corn), Silver Creek, N. Y.

Invincible Grain Cleaner Co. ("Invincible"), Silver Creek, N. Y.

Morrall Bros., Morrall, O.

Peerless Husker Co. ("Peerless"), Buffalo, N. Y.

8123a—*Corn Machines**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC)**, (Corn Planters—Cultivators—Binders—Pickers—Shellers), 702 Harvester bldg, Chicago, Ill. See *adv index at end of book***8124—Corn Mill Machinery**

Blymyer Iron Works Co. (Cleaners, Shellers, Crushers, etc), Cincinnati, O.

French Oil Mill Machinery Co., Piqua, O.

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor" Cleaners, Graders, Scourers, Polishers, Cracked Corn Separators & Graders, Corn Meal Bolters & Refiners), Silver Creek, N. Y.

Invincible Grain Cleaner Co. (Scourers & Separators), Silver Creek, N. Y.

Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Sprout, Waldron & Co., Muncy, Pa.

Starr B. F. Co., Guilford av & Center, Baltimore, Md.

Union Iron Works, Decatur, Ill.

Wolf Co., Chambersburg, Pa.

8125—Corn Mixing Machines

Sprague Canning Machinery Co. (For Cannery), 222 N Wabash av, Chicago, Ill.

8126—Corn Oil Machinery

Buckeye Iron & Brass Works, Dayton, O.

Callahan W. P. Co., Dayton, O.

ELMES CHAS. F. ENGINEERING WORKS, INC., c Fulton & Sangamon, Chicago, Ill. See *adv index at end of book*

French Oil Mill Machinery Co., Piqua, O.

Platt Iron Works Co., Dayton, O.

Corn Shelling Machines

See Shellers, Corn

8127—Corn Silking Machines

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Morrall Bros., Morrall, O.

Sprague Canning Machinery Co. (For Cannery), 222 N Wabash av, Chicago, Ill.

8128—*Cornice Makers' Machinery

See also Sheet Metal Workers' Machines & Tools; also Cornice Brakes

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See *adv index at end of book***NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. See *adv index at end of book***8129—Corporation Cock Inserting Machines**

Hays Mfg. Co., Erie, Pa.

Smith A. P. Mfg. Co. ("Shelley" for Water Works), East Orange, N. J.

8130—Corrugated Joint Fastener Driving Machines

Saranac Machine Co. ("Saranac"), Benton Harbor, Mich.

8131—Corrugated Paper Machinery

Paper Working Machine Co., 667 Kent av, Brooklyn, N. Y.

Potdevin Machine Co., 253 36th, Brooklyn, N. Y.

Corrugated Paper Printing Machines

See Box Board Printing Machines

8132—Corrugating Machines

See also Sheet Metal Workers' Machines & Tools

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See *adv index at end of book*

Erie Foundry Co., Erie, Pa.

Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.See *adv index at end of book*

Peck, Stow & Wilcox Co., Southington, Conn.

Poorman O. O. Co. (Roll), New Bremen, O.

Robinson J. M. Mfg. Co., Cincinnati, O.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Topeka Foundry & Mfg. Co., Topeka, Kan.

8133—Corset Machinery

Adams A. L., Bridgeport, Conn.

Nilson A. H. Machine Co. (Automatic Eye Feeders, Stud Rivetting & Corset Steel Covering), Bridgeport, Conn.

8134—Cotter Pin Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

SHUSTER F. B. CO., (Automatic), Cedar Hills, New Haven, Conn.See *adv index at end of book***8135—Cotton Cleaning Machines**

Dickerson Cotton Cleaner Co., Ft. Worth, Tex.

Empire Duplex Gin Co., 346 Broadway, New York

Saco-Lowell Shops (For Cleaning & Preparing Cotton For Medical Purpose), Boston, Mass.

8136—Cotton Ginning Machinery

Adams W. T. Machine Co. (Handles), Corinth, Miss.
 Alsop Process Co. ("Alsop" Boll Extractor), St. Louis, Mo.
 American Machine & Mfg. Co., Greenville, S. C.
 Avery B. F. & Sons (Handles), Louisville, Ky.
 Brown Cotton Gin Co., New London, Conn.
 Carver Cotton Gin Co., East Bridgewater, Mass.
 Continental Gin Co. ("Winship," "Smith," "Munger," "Eagle," "Pratt"), Birmingham, Ala.
 Empire Duplex Gin Co., 346 Broadway, New York
 Gantt Mfg. Co., Macon, Ga.
 Georgia Agricultural Works (Georgia Centennial Cotton Gin, Feeder & Condenser, Suction Elevators & Other Cotton Ginning Specialties), Fort Valley, Ga.
 Gullett Gin Co., Amite City, La.
 Houston Car Wheel & Machine Co., Houston, Tex.
 Kelly G. A. Plow Co. (Handles), Longview, Tex.
 Liddell Co., Charlotte, N. C.
 Lummus Cotton Gin Co. (Air Blast), Columbus, Ga.
 Massey Gin & Machine Works, Macon, Ga.
 Murray Co., Dallas, Tex.

Cotton Machinery

See Textile Machinery, etc. For page number consult Index of Contents.

8137—Cottonseed Oil Machinery

American Machine & Mfg. Co., Greenville, S. C.
 Atlanta Mfg. & Supply Co., Atlanta, Ga.
 Bauer Bros. Co. (Disc Hullers, Cake Breakers, Attrition Mills, Crushers, Separators, Shakers & Cleaners), Bauer bldg, Springfield, O.
 Brown Cotton Gin Co., New London, Conn.
 Buckeye Iron & Brass Works, Dayton, O.
 Caldwell W. H. Sons Co., 17th & Western av, Chicago, Ill.
 Callahan W. P. Co., Dayton, O.
 Cardwell Machine Co., 1900 E Cary, Richmond, Va.
 Carver Cotton Gin Co., East Bridgewater, Mass.
 Columbus Machine & Foundry Co., Columbus, O.
 Continental Gin Co. (Linter Feeders, Condensers, Presses, etc), Birmingham, Ala.
 French Oil Mill Machinery Co., Piqua, O.
 Houston Car Wheel & Machine Co., Houston, Tex.
 Lombard Iron Works & Supply Co., Augusta, Ga.
 Murray Co., Dallas, Texas
 Platt Iron Works Co., Dayton, O.
 Sprout Waldron & Co., Muncy, Pa.

8138—Cotton Picking Machines

Price-Campbell Cotton Picker Corp., 15 Wall, New York

8139—Cotton Tie Machines

Columbus Truck & Supply Mfg. Co. (Also Cleaning), Columbus, Ga.
 West Point Iron Works, West Point, Ga.

8140—Cotton Waste Reclaiming Machines

Smith & Burbush Machine Co., Hancock & Somerset, Phila., Pa.

8141—Counting Machines

Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.
 Computing Scale Co., Dayton, O.
 Durant Mfg. Co. ("The Productimeter"), 655 Buffum, Milwaukee, Wis.
 Durbrow & Hearne Mfg. Co., 12 Wooster, New York
 Grant Mfg. & Machine Co., Bridgeport, Conn.
 National Scale Co. ("National" For Counting Parts & Pieces), 11 Hendricks, Chicopee Falls, Mass.
 Recording Register & Fare Box Co., New Haven, Conn.

Redington F. B. Co., 112 S Sangamon, Chicago, Ill.
 Richardson Scale Co. ("Richardson" Reciprocating), Passaic, N. J.
 Root Chas. J. ("Elm City," "Bristol," "Roco"), Bristol, Conn.
 Sheppard J. E. Co. ("Peerless"), Worcester, Mass.
 Veeder Mfg. Co., Hartford, Conn.

8142—Coupling Bending Machines

Pipe Machinery Co. (Pipe Mill), Cleveland, Ohio
 United Engineering & Foundry Co. (For Rolling Mills), 307 5th av, Pittsburgh, Pa.

8143—Coupling Expanding Machines

Larkin Mfg. Co. ("Buckley" Hydraulic), Dayton, O.
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

8144—Coupling Rolling Machines

United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

8145—Coupling Screwing Machines

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

8146—Coupling & Pulley Forcing Machines

Woonsocket Machine & Press Co., Woonsocket, R. I.

8147—Cow Milking Machines

Burrell D. H. & Co. ("B-L-K"), Little Falls, N. Y.
 Dairy Specialty Co. ("Sharples"), Westchester, Pa.
 Groff F. A. & Son, St. Johnsville, N. Y.
 Hinman Milking Machine Co., Oneida, N. Y.
 Mehring, Wm. N., Keymar, Md.
 Mullins Mfg. Co., Brillion, Wis.
 Perfection Mfg. Co., 2600 E 26th, Minneapolis, Minn.
 Sharples Separator Co., West Chester, Pa.
 Starch Bros. Co. ("Victory"), La Crosse, Wis.
 Success Milking Machine Co., 709 Chestnut, Milwaukee, Wis.
 Universal Milking Machine Co., 18 W Mound, Columbus, O.
 Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.
 Wisconsin Sanitary Cow Milkers Co., Watertown, Wis.

8148—*Cracker & Biscuit Box Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

8149—Cracker & Biscuit Machinery

Champion Machinery Co., Joliet, Ill.
 Day Joseph H. Co., Cincinnati, O.
 Green Thos. L. & Co., Indianapolis, Ind.
 Rockwell L. A. Co. ("Excelsior" Biscuit), 430 Smith, Brooklyn, N. Y.
 Werner & Pfeleiderer Co., Saginaw, Mich.

8150—Cranberry Assorting Machines

Trenton Pattern Works, Trenton, N. J.

8151—Crank Pin Turning Machines

Niles-Bement-Pond Co., 111 B'way, New York
 Pedrick Tool & Mach. Co., 7642 N Lawrence, Phila., Pa.
 Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
 Street R. R. & Co., Inc., 541 W Washington, Chicago, Ill.
 Tindel, Morris Co. (Lathes), Eddystone, Pa.
 Underwood H. B. & Co. (Portable), 1023 Hamilton, Phila., Pa.

8152—Crank Shaft Cold Saw Cutting Off Machines

Newton Machine Tool Works (Inserted Tooth Saw Blade), 23d & Vine, Phila., Pa.

8153—Crate Machinery

Chase Turbine Mfg. Co., Orange, Mass.
 Saranac Machine Co., Benton Harbor, Mich.
 Wheland Company, Chattanooga, Tenn.

8154—Crate Slat Cutting Machines

Trevor Mfg. Co., Lockport, N. Y.

8155—Creamery Machinery

See also Separators, Cream
 Burrell D. H. & Co., Little Falls, N. Y.
 Chapman C. L. Cream Separator Works, Erie, Pa.
 Cherry J. G. Co. ("Perfection" Churns, "Friday" Butter Printer, "Jensen" Ripeners & Pasteurizers), Cedar Rapids, Ia.
 Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.
 Creamery Supply Mfg. Co., Clinton, Wis.
 Dairy Machinery & Cons. Co., Derby, Conn.
 Dairy Specialty Co. ("Babcock" Milk Tester, Milking Machines, etc), West Chester, Pa.
 Dobson Mfg. Co., Rockford, Ill.
 Gehl M. C. Co., 3002 Meinecke av, Milwaukee, Wis.
 Jensen Creamery Machinery Co., Eastern, 13th & Boulevard, Long Island City, N. Y.; Western, 2d & Oak, Oakland, Cal.
 Jones Frank L., Utica, N. Y.
 National Dairy Machine Co., Goshen, Ind.
 Oakes & Burger Co., Cattaraugus, N. Y.
 Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
 Rice & Adams, Buffalo, N. Y.
 Vermont Farm Machine Co., Bellows Falls, Vt.

8156—Creasing Machines (Paper, Cloth & Strawboard)

Grammes L. F. & Sons, Allentown, Pa.
 Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

8157—*Crimping Machines for Tops on Tooth Powder Boxes

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.
 See adv index at end of book

8158—Crimping Machines (Varnish Can Nozzle)

Consolidated Fruit Jar Co., New Brunswick, N. J.

8159—Crimping & Beading Machines

See also Sheet Metal Workers' Machine & Tools

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.
 See adv index at end of book

BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.
 See adv index at end of book

Busch J. C. Co. (Hand), 140 Ferry, Milwaukee, Wis.

Ferracute Machine Co., Bridgton, N. J.
 Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y.
 See adv index at end of book

Loy & Nawrath Co., 25 Runyon, Newark, N. J.

Metz & Bowles (Beading), Clinton, Ill.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. See adv index at end of book

Packham Crimper Co. ("Packham" Stove & Conductor Pipe Crimpers), Mechanicsburg, Ohio

Peck, Stow & Wilcox Co., Southington, Conn.

Robinson J. M. Mfg. Co., Cincinnati, O.

Ryerson Jos. T. & Son (Crimping), 2558 W 16th, Chicago, Ill.

Slaysman & Co. (Canmakers'), cor Pratt & President, Baltimore, Md.

Swaine Fred J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.

Wheeler W. A. ("Lightning" Crimper), Indianapolis, Ind.

Wold, Norris & Co. (For Can Makers), 1240 N Ashland, Chicago, Ill.

8160—Cross Cut Bolting Saw Machines

Rochester Barrel Machine Works, Rochester, N. Y.

Cross Cut Sawing Machines

See Drag Sawing Machines

Cross Tie Machines

See Railroad Cross Tie Machines

8160a—*Crucible Machinery**CROSSLEY MACHINE CO.** (Mixers, Jiggers, Whirlers, Pug Mills, etc), State & Chestnut av, Trenton, N. J.
*See adv index at end of book***8161—*Crucible Paste Mixing Machinery****WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book***8162— Cupel Machines****Braun Corporation** ("Braun" Produce Homogeneous Cupels), Los Angeles, Cal.**Braun-Kuecht-Heinmann Co.** ("Braun"), 576 Mission, San Francisco, Cal.**Calkins Co.** ("Advance"), Los Angeles, Cal.**Denver Fire Clay Co.** ("Iler"), Denver, Colo.**8163—Curled Hair Machinery****Hood R. H. Co.**, 1842 Germantown av, Phila., Pa.**8164—Curtain Pole Machines****Heath W. A. Machine Co.**, Lestershire, N. Y.**Smith H. B. Machine Co.**, Smithville, N. J.**8165—Curtain Pole Sanding & Finishing Machines****Pringle & Brodie**, 514 S Canal, Chicago, Ill.**8166—Cutlery Polishing Machines****Dilig Mfg. & Trading Co.** ("Acme," "Defiance" Renovator & Polishers), 401 E 163d, New York**8167—Cutting Machines (for Fabrics)****American Electric Cutting Mach. Co.**, 410 E 32d, New York**Cameron Mach. Co.**, 61 Poplar, Brooklyn, N. Y. *See adv index at end of book***Eastman Machine Co.** ("Eastman"), 779 Washington, Buffalo, N. Y.**Hurlbut-Rogers Machinery Co.**, S Sudbury, Mass.**Maimin H. Co.**, 251 W 19th, New York**Oswego Machine Works**, Oswego, N. Y.**Universal Cutter Co.**, 4567 Scott av, St. Louis, Mo.**U. S. Cloth Cutting Mach. Co.**, 414 W Broadway, New York**Wolf Elec'l Promoting Co.**, 5th & Sycamore, Cincinnati, O.**Wildman Mfg. Co.**, Norristown, Pa.**Wright C. E. Co.**, Kenilworth, N. J.**Cutting-Off Machines (Cold Metal)**

See Metal Cutting-Off Machines; also Cold Saw Cutting-Off Machines

Cutting-Off Machines (Wood)

See Wood Cutting-Off Machines

8168—Cutting-Off and Centering Machines**Etna Machine Co.** ("Holton" for Gas Pipe, Small Bars, etc), Toledo, O.**8169—*Cutting & Punching Machines****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***Cyanide Machinery**

See Cyanide Plants

8170— Dado Machines**Amer. Woodwkg. Machy. Co.**, Rochester, N. Y.**Bentel & Margedant Co.**, Hamilton, O.**Cordesman-Rechtin Co.**, Cincinnati, O.**Hall & Brown Woodworking Machine Co.** (Combination Saw & Dado Machines), 1913 N B'way, St. Louis, Mo.**Jones Superior Machine Co.** ("Superior" Combination Saw & Dado Machine), 1264 W North av, Chicago, Ill.**New Britain Machine Co.** ("New Britain," Window Frame), 190 Chestnut, New Britain, Conn.**Dairy Machinery**

See Creamery Machinery

8171— Damasking Machines**STARK TOOL CO.** ("Stark," Automatic), Waltham, Mass.*See adv index at end of book***8172— Dating Machines****American Railway Supply Co.**, 134 Charles, New York**Cummins B. T. Co.** (Label), 4740 W Ravenswood av, Chicago, Ill.**Force W. A. & Co.**, 535 Pearl, New York**Roberts Numbering Mach. Co.** ("Bates" Automatic), 706 Jamaica av, Brooklyn, N. Y.**8173—Diamond Drilling Machines****Lake Shore Engine Works**, Marquette, Mich.**8174— Dictating Machines****Amer. Parlograph Corp.**, 123 Liberty, New York**Columbia Graphophone Co.** ("Dictaphone"), 233 B'way, New York**Edison Thomas A.**, Orange, N. J.**8175—Die Casting Machines****Indiana Die Casting Development Co.** (Rotary), Indianapolis, Ind.**Soss Mfg. Co.**, 435 Atlantic av, Brooklyn, N. Y.**8176—Die Chamfering Machines****Hartford Machine Screw Co.**, Hartford, Conn.**8177—Die Cutting Machines****Garvin Machine Co.**, 147 Varick, New York**Keller Mechanical Engraving Co.**, 70 Washington, Brooklyn, N. Y.**Schutte Alfred H.** (Automatic), 90 West, New York**8178—Die Plate Hammering Machines****Bates Machine Co.**, Joliet, Ill.**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.*See adv index at end of book***8179—Die Sharpening Machines****National Machinery Co.**, Tiffin, O.**8180—Die Sinking Machines****Becher Milling Machine Co.**, Hyde Park, Mass.**Jackson Machine Tool Co.**, Jackson, Mich.**Newton Mach. Tool Works**, 23d & Vine, Phila., Pa.**Perkins Henry Co.** (Die Making), Bridge-water, Mass.**Pratt & Whitney Co.**, Hartford, Conn.**Royle Jno. & Sons** (Routers), Paterson, N. J.**8181—Die Sinking & Milling Machines (Combined)****Newton Mach. Tool Works**, 23d & Vine, Phila., Pa.**Simmons Machine Co., Inc.**, 987 Broadway, Albany, N. Y. *See adv index at end of book***8182—Die Slotting & Shaping Machines****Cochrane-Bly Co.**, Rochester, N. Y.**8182a—*Die Stamping Machinery****ELMERS CHAS. F. ENGINEERING WORKS (Inc)**, cor Fulton & Sangamon, Chicago, Ill.*See adv index at end of book***8182b—*Digging Machinery**

See Ditching Machines; also Shovels, Steam

**THE HAYWARD COMPANY
DIGGING MACHINERY****50 CHURCH STREET, NEW YORK***See adv index at end of book***8183—*Digging Machinery (Canal)**

See also Shovels, Steam

HAYWARD CO., THE 50 Church, New York *See adv index at end of book***Disc Notching Machines (Armature)**

See Armature Disc Notching Machines

8184—Disc Sanding Machines**Bentel & Margedant Co.**, Hamilton, O.
Oliver Machinery Co., Grand Rapids, Mich.**8185—Dish Washing Machines****Blakeslee G. S. & Co.** 2856 Quinn, Chicago, Ill.**Bromley-Merseles Mfg. Co.** ("Garls-Cochrane," "Crescent"), 215 W Superior, Chicago, Ill.**Cary, Davis Co.** ("Kitchenette"), 42 Pearl, Buffalo, N. Y.**Clad V. & Sons**, 16th & Callowhill, Phila., Pa.**Dunn Mfg. Co.**, 180 N Dearborn, Chicago, Ill.**Fearless Dish Washer Co.**, Rochester, N. Y.**Hamilton-Low Co.** ("Vortex"), 145 E 42d, New York**Hershey & Sexton Co.**, 833 Chestnut, Phila., Pa.**Indianapolis Corrugating Co.** (Peerless Power), Indianapolis, Ind.**Insinger Co.**, Stenton av, Phila., Pa.**Morgan Spring Co.**, Worcester, Mass.**National Dish Water Co.** ("Little Giant"), Binghamton, N. Y.**Success Dish Washing Machine Co.**, Wooster, O.**Walker Bros. Co.**, Syracuse, N. Y.**Wrought Iron Range Co.**, 5661 Natural Bridge av, St. Louis, Mo.**8186—Disinfecting Machinery****American Sterlizer Co.**, Erie, Pa.**Knv-Scheerer Co.** 404 W 27th, New York**McLauthlin Geo. T. Co.**, 120 Fulton, Boston, Mass.**Vogel Wm. & Bros.** (Automatic Drip), 37 S 9th, Brooklyn, N. Y.**8187— Distillers' Machinery****Caldwell W. E. Co.**, 2270 Brook, Louisville, Ky. *See adv index at end of book***Grainger & Co.**, Louisville, Ky.**Kaestner & Hecht Co.**, 500 Throop, Chicago, Ill.**Lummas Walter E. Co.** (Periodic & Automatic Continuous Machines for Volatile Liquids), 173 Milk, Boston, Mass.**Nordyke & Marmon Co.**, 1290 Kentucky av, Indianapolis, Ind.**Simpson-Orville Co.**, Cincinnati, O.**8188— Ditching Machines**

See also Road Machines & Graders; also Road Scrapers, Drag & Wheel; also Shovels, Steam; also Ditching Machines, Traction

American Road Machinery Co., Kennett sq., Pa.**Austin F. C. Drainage Excavator Co.**, Rv. Exch. bldg, Chicago, Ill.**Bay City Dredge Works**, Bay City, Mich.**Buckeye Traction Ditcher Co.** (Traction), Findlay, O.**Edwards C. D.**, Albert Lea, Minn.**Enterprise Co.**, Columbiana, O.**Good Roads Machinery Co.**, Kennett Square, Pa.

THE HAYWARD COMPANY **DIGGING MACHINERY**

50 CHURCH STREET, NEW YORK
See adv index at end of book

International Ditching & Road Machinery Co., Owensboro, Ky.
Iowa Ditching Machine Co. ("Iowa," Tile Ditcher), Mt. Pleasant, Ia.
Jeschke Mfg. Co., Bellevue, O.
Keystone Driller Co., Beaver Falls, Pa.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Osgood Co., Marion, Ohio
Parsons G. W. Co., Newton, Ia.
Russell Grader Mfg. Co. ("Russell" Grader & Ditcher), 2005 Univ. av, S E, Minneapolis, Minn.
Sargent Tile Ditcher Co. ("Sargent" Tile Ditcher), Ft. Dodge, Ia.
Smith & Sons Mfg. Co., Kansas City Mo.
United Iron Works Co. ("Bowman" "Turner Drag Line"), Springfield, Mo.
Vulcan Iron Works Co., Toledo, O.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8189—Ditching Machines (Railroad)

See also Ditching Machines; also Shovels Steam

American Hoist & Derrick Co. ("American"), St. Paul, Minn.
Austin Mfg. Co., 910 S Mich. av, Chicago, Ill.
Buckeye Traction Ditcher Co. ("Buckeye" Traction Ditcher), Findlay, O.
Mahoney Railroad Ditching Machine Co., Vincennes, Ind.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Parsons G. W. Co., Newton, Pa.
United Iron Works Co. ("Bowman"), Springfield, Mo.
Western Wheeled Scraper Co., Aurora, Ill.

8190—Ditching Machines (Tile)

Austin F. C. Drainage Excavator Co., R'y Exch. bldg, Chicago, Ill.
Bennet H. L. & Co. ("Bennet"), Westerville, O.
Buckeye Traction Ditcher Co. ("Buckeye" Gasoline & Traction), Findlay, O.
Dunn W. E. Mfg. Co., 4138 Fillmore, Chicago, Ill.
Iowa Ditching Machine Co. ("Iowa"), Mt. Pleasant, Ia.
Jeschke Mfg. Co. ("Cyclone"), Bellevue, Ohio
St. Paul Machinery Mfg. Co. ("Hovland"), Como & Marion, St. Paul, Minn.

8191—Ditching Machines (Traction)

See also Ditching Machines
Buckeye Traction Ditcher Co., Findlay, O.
Fairbanks Steam Shovel Co., Marion, O.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Parsons G. W. Co., Newton, Ia.

8192—Double Seam & False Wire Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Wold, Torris & Co. (For Can Makers), 240 N Ashland, Chicago, Ill.

8193—Double Seaming Machines

Adriance Machine Works (Automatic), 254 Van Brunt, Brooklyn, N. Y.
AMERICAN CAN CO. (Machinery Dept.), "Rudolphi & Krummel," for Tin & Sheet Metal Work, Monroe bldg, Chicago, Ill. *See adv index at end of book*
Ams Max Machine Co. (For Round Cans), Bridgeport, Conn.
BLISS E. W. Co. (Sheet Metal), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.
Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*
Peck, Stow & Wilcox Co., Southington, Conn.

Robinson J. M. & Co., Cincinnati, O.
Swaine Fred. J. Mfg. Co., 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Zeh & Hahnemann, Vanderpool, Newark, N. J.

8194—Dough Braking Machines

Champion Machinery Co. (Automatic), Joliet, Ill.
Lynn-Superior Co., Cincinnati, O.
Rockwell L. A. Co. (Upright & Reversible), 430 Smith, Brooklyn, N. Y.
WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

8195—Dough Dividing Machines

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.
Champion Machinery Co. ("Champion"), Joliet, Ill.
Day J. H. Co., Cincinnati, O.
Dutchess Tool Co. "Van Houten" Automatic, Fishkill on Hudson, N. Y.
Katzinger Edw. Co. ("Ekco" Automatic), 123 N Peoria, Chicago, Ill.
Lynn-Superior Co., Cincinnati, O.
Triumph Mfg. Co. ("Triumph"), Cincinnati, O.
WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*
Zoeller Wm. Co. ("36 Part"), 325 N Curtis, Chicago, Ill.

8196—Dough Mixing & Kneading Machinery

See also Mixers, Bread

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.
American Oven & Machine Co. ("New Era"), 111 W Wash., Chicago, Ill.
Champion Machinery Co., Joliet, Ill.
Christiana Machine Co., Christiana, Pa.
Day J. H. Co., Cincinnati, O.
Jaburg Bros, 10 Leonard, New York
Lynn-Superior Co. ("Thorobred"), Cincinnati, O.
Oelman Curt, 224 St. Antonie, Detroit, Mich.
Read Machinery Co., York, Pa.
Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.
Triumph Mfg. Co. ("Triumph," "Perfect"), Cincinnati, O.
WERNER & PFLEIDERER CO. (78 Different Classes & Types), Saginaw, Mich. *See adv index at end of book*

8197—Dough Moulding Machines

American Bakers Machinery Co., 2121 N 9th, St. Louis, Mo.
Day J. H. Co., Cincinnati, O.
Thomson Machine Co. ("Thomson," Combination Roll), Belleville, N. J.
Triumph Mfg. Co., Cincinnati, O.
WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

8198—Dovetail Glue Matching Machines

Linderman Machine Co., Muskegon, Mich.

8199—Dovetail Machines

American Steam Pump Co. ("Boults"), Battle Creek, Mich.
Bentel & Margedant Co., Hamilton, O.
Dodds Alex. Co. (Gang), Grand Rapids, Mich.
Fay J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Single), 1845 Carroll av, Chicago, Ill.
Goodspeed Machine Co. ("Stimpson's"), Winchendon, Mass.
Linderman Machine Co., Muskegon, Mich.
St. Paul Machinery Mfg. Co., Como & Marion, St. Paul, Minn.

8200—Dowel Cutting & Pointing Machines

Dauber Bell Machine Co., Oshkosh, Wis.

8201—Dowel Door Machinery

Hayes E. B. Machine Co., Oshkosh, Wis.
Wilkin-Challoner Co., Oshkosh, Wis.

8202—Dowel Driving Machines

Dauber Bell Machine Co., Oshkosh, Wis.

Dowel Machines

See Rod, Pin & Dowel Machinery

8203—Dowelling Machines

Goodell-Pratt Co., Greenfield, Mass.

8204—Drafting Machines

Universcal Drafting Machine Co., 1426 W 3d, Cleveland, Ohio.

8205—Drag Sawing Machines

Appleton Mfg. Co. ("Hero"), Batavia, Ill.
Atkins E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Canton Saw Co., Canton, O.
Challoner Co., Oshkosh, Wis.
Cocker Saw Mfg. Co., Lockport, N. Y.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Farquhar A. B. Co. (Ltd.), York, Pa.
Heebner & Sons (Horse Power), Lansdale, Pa.
Henderson W. K. Iron Works & Supply Co., Shreveport, La.
Hoe R. & Co., 504 Grand, New York
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Ireland Machine & Foundry Co., Norwich, N. Y.
Kline Lewis T., Alpena, Mich.
Ohlen J. & Sons' Saw Mfg. Co., Columbus, Ohio
Rochester Barrel Mach. Wks., Rochester, N. Y.

8206—Drain Tile Machinery

See also Cement Sewer Pipe Machinery
American Clay Machinery Co., S Walnut, Bucyrus, O.
Arnold-Creager Co., New London, O.
Bonnot Co., Canton, O.
Brazil Machine & Foundry Co., Brazil, Ind.
Brewer H. & Co., Tecumseh, Mich.
Cardington Cabinet Co. (Hand), Cardington, O.
Century Cement Machinery Co., Rochester, N. Y.
Fate J. D. Co., Plymouth, O.
Freese E. M. & Co., Gallon, O.
International Clay Machy. Co., Dayton, O.
Monarch Mfg. Corp., Boone, Ia.
Quinn Wire & Iron Works, Boone, Ia.
Sioux City Engine & Machy. Co. ("McCracken"), Sioux City, Ia.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
Wallace Mfg. Co., Frankfort, Ind.

8207—Draw Bridge Machinery

See also Bridge Machinery for Bascule Bridges
Currier Cyrus & Sons, 365 Market, Newark, N. J.
Earle Gear & Machine Co., Phila., Pa.
Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.
Fawcus Machine Co., 1st Nat Bk bldg, Pittsburgh, Pa.
McMyler-Interstate Co., Bedford, O.
Nichols Geo. P. & Bro. (Electrical), Old Colony bldg, Chicago, Ill.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.

8208—Drawer Fitting Machines

Bentel & Margedant Co., Hamilton, O.

8209-10—Dredging Machinery

See also Excavators, Steam; also Excavating Machinery
Atkinson W. H. Co., Hoboken, N. J.
Austin F. C. Drainage Excavator Co., Ry Exch bldg, Chicago, Ill.
Bartlett A. F. & Co., Saginaw, Mich.
Bay City Dredge Works, Bay City, Mich.
Browning Co., Cleveland, O.
BROWNING VICTOR R. & CO., 17701 Lake Shore blvd, Cleveland, O. *See adv index at end of book*
Bucyrus Co., South Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
Dilbert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.
Duncan Co., Toledo, O.
Earle Gear & Machine Co., Stenton & Wyoming, Phila., Pa.



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ELLCOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book
Fairbanks Steam Shovel Co. (Steam Dredges), Marion, O.
Flory S. Mfg. Co., Bangor, Pa.
Golden State & Miners' Iron Works, 249 1st, San Francisco, Cal.
Hammond Mfg. Co., Kamm bldg, Portland Ore.
Hardie Tynes Mfg. Co., Birmingham, Ala.

THE HAYWARD COMPANY
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50 CHURCH STREET, NEW YORK
See adv index at end of book
Houston Car Wheel & Machine Co., Houston, Tex.
Jackson Byron Iron Works, Berkeley, Cal.
Jackson & Church Co., Saginaw, Mich.
JEFFREY MFG. CO., 961 N Fourth, Columbus, O.
See adv index at end of book
Jennings Pump & Dredge Co., 305 N Mich av, Chicago, Ill.
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.
See adv index at end of book
Manitowoc Engineering Works (Sand), Manitowoc, Wis.
Manitowoc Shipbuilding Co. (Steel & Dipper Dredges), Manitowoc, Wis.
Marine Iron Works, 2036 Dominick, Chicago, Ill.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Norbon Engineering Co. (Suction), Denckla bldg, Phila., Pa.
New York Engng. Co., 2 Rector, New York
Osgood Co., Marion, Ohio
Pittsburgh Model Engine Co. (4 & 6 cylinder vertical engine), Pittsburgh, Pa.
Portland Co., Portland, Me.
Smith Theo. & Sons Co., ft Essex, Jersey City, N. J.
Stockton Iron Works (Portable), Stockton, Cal.
Superior Iron Works Co., Superior, Wis.
Toledo Foundry & Machine Co., Toledo, O.
Treadwell M. H. Co., 140 Cedar, New York
United Iron Works, Oakland, Cal.
Wickes Bros. (Dry Land), Saginaw, Mich.
See adv index at end of book
Williamette Iron & Steel Works, 462 N Front, Portland, Ore.

8211—Dredging Machinery (Gasoline)

Fairbanks Steam Shovel Co., Marion, O.

8212—Dredging Machinery (Hydraulic)

Bucyrus Co., South Milwaukee, Wis.
Cresson-Morris Co., Allegheny & 18th, Phila., Pa.
ELLCOTT MACHINE CORP., Bush & Severn, Baltimore, Md.
See adv index at end of book

Great Lakes Engineering Works, Detroit, Mich.
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.
Manitowoc Ship Building Co. (Steel), Manitowoc, Wis.
Marion Steam Shovel Co., P. O. Box 505, Marion, O.
Morris Machine Works, Baldwinsville, N. Y.
Modern Steel Structural Co., Waukesha, Wis.
National Iron Co., Duluth, Minn.
Norton Engng. Co., Denckla bldg, Phila., Pa.
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.
Treadwell M. H. Co., 140 Cedar, New York
Vulcan Iron Works, ft. Morris, Jersey City, N. J.

8213—Dried Beef & Bacon Slicing Machines

Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.
LINK-BELT CO. ("Link-Belt" Automatic), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. See adv index at end of book

8214—Drill Sharpening Machines

Eclipse Drill Sharpening Machine Mfg. Co. ("Eclipse"), 1400 W Colfax, Denver, Colo.
Hardsoeg Wonder Drill Co. ("Wonder" Pneumatic), Ottumwa, Ia.
Ingersoll-Rand Co., 11 Broadway, New York See adv index at end of book
Lake Shore Engine Works ("Superior"), Marquette, Mich.
Leyner J. Geo. Engineering Works Co. ("Leyner"), Littleton, Colo.
Numa Rock Drill Sharpener Co. ("Numa" Rock Drill), Salt Lake City, Utah
Shaw C. H. Pneumatic Tool Co. ("Shaw" for Air Rock Drills, etc.), Denver, Colo.
Word Bros. ("Word" Rock Drill), San Francisco, Cal.

8215—Drilling Machines

See also Sub-Classifications following
Albany Hdwe Specialty Mfg. Co., Albany, Wis.
Allen Chas. G. Co. ("Allen"), Barre, Mass.
Aurora Tool Works, Aurora, Ind.
Baker Bros., Toledo, O.
Barnes Drill Co. (All-Geared), Rockford, Ill.
Bilton Machine Tool Co., The ("Dwight State," "New Elmore," High Speed Ball Bearing), Bridgeport, Conn.
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Cinn. Pulley Machy. Co. ("Avey"), Cincinnati, O.
Clough R. M., Tolland, Conn.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Colburn Machine Tool Co. (Heavy Duty), Franklin, Pa.

Davis Machine Tool Co., Rochester, N. Y.
Detroit Tool Co., Detroit, Mich.
Foot-Burt Co. (High Duty), Cleveland, O.
GEM MFG. CO. ("Gem," Portable Screw Feed for Use with Flexible Shafting), Goebel, nr Fulton, N. S., Pittsburgh, Pa. See adv index at end of book
Hamilton Machine Tool Co. ("Hamilton," Sliding Head Vertical, 24 to 42 inches), Hamilton, O.
Henry & Wright Mfg. Co., Hartford, Conn.
Hoefler Mfg. Co., Freeport, Ill.
Kane & Roach, Syracuse, N. Y.
Knickerbocker Machine Works, 161 Perry, New York
Knight W. B. Machinery Co., 2019 Lucas av, St. Louis, Mo.
Millers Falls Co. ("Universal" Hand), 28 Warren, New York
National Separator & Machine Co. (Cylinder Turret, also Vertical Turret), Concord, N. H.
Newhall Chain, Forge & Iron Co., ("Tri-dent"), 89 West, New York
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
Reed-Prentice Co., Worcester, Mass.
Robertson W Machine & Foundry Co. ("Economy" Ball Bearing), 56 Rano, Buffalo, N. Y.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Lathe & Drill Co., Rockford, Ill.
Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
Sibley Machine Co. (Geared), South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co. (Power), Salem, O.
Stow Mfg. Co. (& Plain, Screw, Feed & Automatic Drill Presses), Binghamton, N. Y. See adv index at end of book
Superior Machine Tool Co., Kokomo, Ind.
Taylor & Fenn Co. (Four Spindle Simultaneous Feed), Hartford, Conn.
Townsend H. P. Mfg. Co. (High Speed), Hartford, Conn.
Wilcor Mfg. Co. (Duplex), 4824 W Lake, Chicago, Ill.

8216—Drilling Machines (Automatic)

Baush Machine Tool Co., Springfield, Mass.
Bilton Machine Tool Co., The ("Dwight State"), Bridgeport, Conn.
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt ("Mr. Punch"), Greenfield, Mass.
Hoefler Mfg. Co., Freeport, Ill.
Pratt & Whitney Co., Hartford, Conn.
Star Expansion Bolt Co. ("Spring Hammer") 147 Cedar, New York

8217—Drilling Machines (Bench)

Allen Machine Co., Cleveland, O.
Barnes Drill Co., Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Blissfield Motor Works ("Davenport"), Blissfield, Mich.
Burke Machine Tool Co., Conneaut, O.
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.
Clark Jas. Jr. Electric Co. (Sensitive "Willey," Electrically Driven), Louisville, Ky.

D'Amour Machine Works ("D'Amour," Drill Press), 78 Cortlandt, New York
Fenn Mfg. Co. ("Fenn"), 385 Broad, Hartford, Conn.
Gardam Wm. & Son (Sensitive Type), 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Goodell-Pratt Co. (Hand & Power), Greenfield, Mass.
Gowanda Agricultural Works (for Cutlery Factories), Gowanda, N. Y.
Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
Hoefler Mfg. Co. ("Hoefler" Friction & Belt Driven), Freeport, Ill.
Leland-Gifford Co., Worcester, Mass.
Millers Falls Co., 28 Warren, New York
Myers Machine Tool Co., Columbia, Pa.
North Bros. Mfg. Co. ("Yankee") Lehigh av & American, Phila., Pa.
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
Rockford Drilling Machine Co., Rockford, Ill.
Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co., Salem, O.
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
Smurr & Kamen Machine Co. ("Champion"), 313 N Whipple, Chicago, Ill.
Standard Electric Tool Co. (Electric), 128 Opera pl, Cincinnati, O.
See adv index at end of book
Stecher Chas. Co. (High Speed & "Heavy Duty"), 1580 Crossing, Chicago, Ill.
Strong, Carlisle & Hammond Co. (The Ideal), Cleveland, O.
U. S. Electrical Co., Cincinnati, O.
Van Dorn Electric Tool Co., 2978 Woodhill, Cleveland, O.

8218—Drilling Machines (Bit Brace)

McCrea Jas & Co. ("Century"), 562 W Washington, Chicago, Ill.

8219—Drilling Machines (Blacksmiths')

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
Buffalo Forge Co., Buffalo, N. Y.
Canedy-Otto Mfg. Co. ("Western Chief," Automatic Self-Feed), Chicago Heights, Ill.
Champion Blower & Forge Co., Lancaster, Pa.
Illinois Iron & Bolt Co. (Horizontal & Up-right), Carpentersville, Ill.
Noyes B. B. & Co. ("Little Giant"), Greenfield, Mass.
Russ Co., 5700 Walworth av, Cleveland, O.
Silver Mfg. Co., Salem, O.
Southern Skein & Foundry Co. (Horizontal), Chattanooga, Tenn.
Swett A. L. Iron Works (Steel Spindle, etc), Medina, N. Y.

8220—Drilling Machines (Boiler)

American Tool Works Co., Cincinnati, O.
Aurora Tool Works, Aurora, Ind.
Foot-Burt Co., Cleveland, O.
Ingersoll-Rand Co., 11 B'way, New York
See adv index at end of book
Mueller Machine Tool Co., 2427 Colerain av, Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Reed-Prentice Co., Worcester, Mass.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
Silver Mfg. Co., Salem, O.

8221—Drilling Machines (Caster Wheel)

Hoefler Mfg. Co., Freeport, Ill.

8222—Drilling Machines (Clock Pinion)

Davenport Machine Tool Co. (Automatic), New Bedford, Mass.

8223—Drilling Machines (Cotter & Key-Seat)

Niles-Bement-Pond Co., 111 B'way, New York

8224—Drilling Machines (Frog & Switch)

Moline Tool Co., Moline, Ill.

8225—Drilling Machines (Gang)

Barnes Drill Co. (Also Swing Gang), Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Bilton Machine Tool Co., The, ("Dwight State"), Bridgeport, Conn.
Cincinnati-Bickford Tool Co., Cincinnati, Ohio
Colburn Machine Tool Co., Franklin, Pa.
Gardam Wm. & Son, 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Hoefler Mfg. Co., Freeport, Ill.
Moline Tool Co., Moline, Ill.
Pratt & Whitney Co., Hartford, Conn.
Rockford Drilling Machine Co., Rockford, Ill.
Rockford Machine Tool Co. (2, 3, 4, 5 & 6 Spindles, Box or Single Columns), Rockford, Ill.
Wells Frank L. Co., Kenosha, Wis.

8226—Drilling Machines (Gun Barrel)

Diamond Machine Co. ("Diamond"), Providence, R. I.
International Engineering Co., Society for Savings bldg, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.
Reed-Prentice Co., Worcester, Mass.

8227—Drilling Machines (Horizontal)

Cleveland Machine Tool Works, Cleveland, O.
Garvin Machine Co., 147 Varick, New York
Moline Tool Co., Moline, Ill.

8228—Drilling Machines (Knee)

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8229—Drilling Machines (Multiple Spindle)

Andrew M. L. & Co., Cincinnati, O.
Baker Bros., Toledo, O.
Barnes Drill Co., Rockford, Ill.
Barnes W. F. & Jno. Co., Rockford, Ill.
Baush Machine Tool Co. (Vertical & Horizontal), Springfield, Mass.
Bilton Machine Tool Co., The, ("Dwight State" Automatic Feed), Bridgeport, Conn.
Cincinnati-Bickford Tool Co., Cincinnati, O.
Cincinnati Pulley Machinery Co. ("Avey" High Duty), Cincinnati, O.
Clark Jas. Jr. Electric Co. ("Willey," Three Spindle Electrically Driven), Louisville, Ky.
Covington Multiple Drill Co., Covington, Ky.
Detroit Tool Co., Detroit, Mich.
Foot-Burt Co., Cleveland, O.
Fox Machine Co., Jackson, Mich.
Gardam Wm. & Son, 114 Park pl, New York
Garvin Machine Co., 147 Varick, New York
Gowanda Agricultural Works (3 Spindle), Gowanda, N. Y.
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
Harrington E. Son & Co., 17th & Callowhill, Phila., Pa.
Henry & Wright Mfg. Co., Hartford, Conn.
Hoefler Mfg. Co., Freeport, Ill.
Langelier Mfg. Co., Arlington, Providence, R. I.
Moline Tool Co., Moline, Ill.
National-Acme Mfg. Co., 7500 Stanton av, Cleveland, O.
National Automatic Tool Co. ("Natco," Full Automatic Universal), Richmond, Ind.
Newton Machine Tool Works, 23d & Vine, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Reed Francis Co. ("Reed" & "H. G. Barr," 5 to 10 Spindles), Worcester, Mass.
Reed-Prentice Co., Worcester, Mass.
Rockford Drilling Machine Co., Rockford, Ill.
Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Sigourney Tool Co., Hartford, Conn.
Superior Machine Tool Co., Kokomo, Ind.
Taylor & Fenn Co., Hartford, Conn.
Valley City Mach. Works, Grand Rapids, Mich.

Waltham Machine Works (For Holes up to 1/2 inch in Brass), Waltham, Mass.
Western Machine Tool Works, Holland, Mich.

8230—Drilling Machines (Pipe Pressure)

Mueller H. Mfg. Co. ("Eley"), Decatur, Ill.

8231—Drilling Machines (Portable)

See also Drills, Hand; also Pneumatic Drills

Cincinnati Electrical Tool Co. ("Peerless" Electrical, Scotch Radial & Universal Drills), Cincinnati, O.
Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.
Fortuna Machine Co., 127 Duane, New York
GEM MFG. CO. ("Gem" Flexible Shaft, Rope & Motor Driven), Goebel, nr Fulton, N. S., Pittsburgh, Pa.
See adv index at end of book

Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.

INGERSOLL-RAND CO. ("Little David"), 11 Broadway, New York
See adv index at end of book

Newton Machine Tool Works (Electrically Driven), 23 Vine, Phila., Pa.

Niles-Bement-Pond Co., 111 B'way, New York

Reed-Prentice Co., Worcester, Mass.
Snyder J. E. & Son, Worcester, Mass.

Stow Mfg. Co. (Flexible Shaft, Belt Driven), Binghamton, N. Y.
See adv index at end of book

Strong, Carlisle & Hammond Co. (The Berlin), Cleveland, O.

U. S. Electrical Tool Co. (Electric), Cincinnati, O.

8232—Drilling Machines (Radial)

Almond Mfg. Co., 1516 E 32d, Cleveland, O.
American Tool Works Co., Cincinnati, O.
Barnes W. F. & Jno. Co. (Horizontal), Rockford, Ill.

Baush Machine Tool Co., Springfield, Mass.
Carlton Machine Tool Co., Cincinnati, O.

Cincinnati-Bickford Tool Co., Cincinnati, Ohio

Clark Jas. Jr. Electric Co. ("Willey," Radial Electrically Driven), Louisville, Ky.

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio

Dreses Machine Tool Co., Cincinnati, O.

Fosdick Machine Tool Co., Cincinnati, O.

Hamilton Machine Tool Co. (60 to 120-inch), Hamilton, O.

Henry & Wright Mfg. Co., Hartford, Conn.

Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.

Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.

Kane & Roach, Syracuse, N. Y.

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.

Midland Machine Co., Detroit, Mich.

Mueller Machine Tool Co. (Cone Driven, 2 1/2 to 4 Foot Arm, etc), 2427 Colerain av, Cincinnati, O.

Newton Machine Tool Works, 23 & Vine, Phila., Pa.

Niles-Bement-Pond Co., 111 B'way, New York

Optenberg Iron Works, Sheboygan, Wis.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

SIMMONS MACHINE CO., Inc., 987 Broadway, Albany, N. Y.
See adv index at end of book

Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.

Taylor & Fenn Co. (Light), Hartford, Conn.

Western Machine Tool Works, Holland, Mich.

8233—Drilling Machines (Radial Wall)

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.

Wickes Bros., Saginaw, Mich.
See adv index at end of book

8234—Drilling Machines (Rail)

Fairbanks, Morse & Co. ("Sheffield"), 900 S Wabash av, Chicago, Ill.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.

8235—Drilling Machines (Rivet)

Langelier Mfg. Co., Arlington, Providence, R. I.
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8236—Drilling Machines (Sensitive)

American Tool Works Co., Cincinnati, O.
 American Watch Tool Co., Waltham, Mass.
 Barnes W. F. & Jno. Co., Rockford, Ill.
 Berghausen Machine Co., 2128 Colerain av, Cincinnati, O.
 Bilton Machine Tool Co., The, ("Dwight State"), Bridgeport, Conn.
 Carlton Machine Tool Co., Cincinnati, O.
 Cincinnati Pulley Machinery ("Avey"), Cincinnati, O.
 De Mooy Machine Co., 1833 E 55th, Cleveland, O.
 Fox Machine Co., Jackson, Mich.
 Gardam Wm. & Son, 114 Park pl, New York
 Hamilton Machine Tool Co. (12 & 16 inch), Hamilton, O.
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Helmold J. F. & Bro., 1462 Hamburg, Chicago, Ill.
 Henry & Wright Mfg. Co., Hartford, Conn.
 Hoefer Mfg. Co., Freeport, Ill.
 Langelier Mfg. Co. (Plain, Ball Bearing, High Speed, Motor Driven), Arlington, Providence, R. I.
 Leland-Gifford Co. (High Speed Heavy Duty), Worcester, Mass.
 Myers Machine Tool Co., Columbia, Pa.
 North Wales Machine Co., North Wales, Pa.
 Oliver W. W. Mfg. Co., 1483 Niagara Falls, Buffalo, N. Y.
 Pratt & Whitney Co., Hartford, Conn.
 Reed Francis Co. ("Reed," "H. G. Barr" Plain & Ball Bearing), Worcester, Mass.
 Reed-Prentice Co., Worcester, Mass.
 Rockford Drilling Machine Co., Rockford, Ill.
 Rockford Lathe & Drill Co., Rockford, Ill.
 Rockford Machine Tool Co., Rockford, Ill.
 Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.
 Schuchardt & Schutte, 90 West, New York
 Sibley Machine Co., South Bend, Ind.
 Sigourney Tool Co., Hartford, Conn.
 Snyder J. E. & Son, Worcester, Mass.
 Taylor & Fenn Co., Hartford, Conn.
 Townsend H. P. Mfg. Co., Hartford, Conn.
 Washburn Shops, Worcester, Mass.
 Wisconsin Electric Co. ("Dumore," Elec.) Racine, Wis. *See adv index at end of book*

8237—Drilling Machines (Stay Bolt)

Foot-Burt Co. (4 Spindle), Cleveland, O.
 Richmond Stay-Bolt Drilling Machine Mfg. Co., Richmond, Va.

8238—Drilling Machines (Suspension)

Baush Machine Tool Co., Springfield, Mass.
 Birch & Birch, Crawfordsville, Ind.
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.
 Kling Bros. Engineering Works, 1304 Kingsbury av, Chicago, Ill.
 Reed Francis Co., Worcester, Mass.

8239—Drilling Machines (Tire)

Reed Francis Co., Worcester, Mass.

8240—Drilling Machines (Traverse)

Moline Tool Co. (Traversing Head), Moline, Ill.
 Pratt & Whitney Co. (Double Head), Hartford, Conn.

8241—Drilling Machines (Tube Hole)

Bethlehem Steel Co., South Bethlehem, Pa.

8242—Drilling Machines (Turret)

National Separator & Mach. Co., Concord, N. H.
 Quint A. D., Hartford, Conn.
 Standard Tool Co., 6900 Central av, Cleveland, O.
 Turner Machines Co., Danbury, Conn.

8243—Drilling Machines (Universal Radial)

American Tool Works Co., Cincinnati, O.
 Cincinnati-Bickford Tool Co., Cincinnati, Ohio
 Dress Machine Tool Co., Cincinnati, O.
 Fosdick Machine Tool Co., Cincinnati, O.
 Niles-Bement-Pond Co., 111 B'way, New York
 Simmons Machine Co., Inc., 987 Broadway, Albany N. Y. *See adv index at end of book*

8244—Drilling Machines (Vertical)

Aurora Tool Works (14 to 44 inch Swing), Aurora, Ind.
 Baker Bros., Toledo, O.
 Barnes W. F. & Jno. Co. (8 to 50 inch Swing), Rockford, Ill.
 Bilton Machine Tool Co., The, ("Dwight State"), Bridgeport, Conn.
 Champion Blower & Forge Co., Lancaster, Pa.
 Cincinnati-Bickford Tool Co., Cincinnati, Ohio
 Cinn. Pulley Machy. Co. ("Avery"), Cincinnati, O.
 Davis Machine Tool Co., Rochester, N. Y.
 Fox Machine Co., Jackson, Mich.
 Gardam Wm. & Son, 114 Park pl, New York
 Hamilton Machine Tool Co. (12 to 42 inch), Hamilton, O.
 Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.
 Henry & Wright Mfg. Co., Hartford, Conn.
 Hilbert Machine Co., 2116 Colerain av, Cincinnati, O.
 Hoefer Mfg. Co., Freeport, Ill.
 Illinois Iron & Bolt Co. ("Illinois" Hand Power), Carpentersville, Ill.
 Langelier Mfg. Co., Arlington, Providence, R. I.
 Moline Tool Co., Moline, Ill.
 Niles-Bement-Pond Co., 111 B'way, New York
 Pratt & Whitney Co., Hartford, Conn.
 Reed Francis Co. ("Reed" & "H. G. Barr"), Worcester, Mass.
 Reed-Prentice Co., Worcester, Mass.
 Richards Machine Co., 3417 Vilet, Milwaukee, Wis.
 Rockford Drilling Machine Co. ("Mechanics"), Rockford, Ill.
 Rockford Machine Tool Co. (14, 17, 20, 23, 24, 26, 28, 32, 36 inch Sliding Head, etc.), Rockford, Ill.
 Royersford Foundry & Machine Co. ("Excelsior"), Royersford, Pa.
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.
 Sibley Machine Co., South Bend, Ind.
 Sigourney Tool Co., Hartford, Conn.
 Sloan & Chass Mfg. Co., 351 6th av, Newark, N. J.
 Snyder J. E. & Sons, Worcester, Mass.
STARK TOOL CO. (1 to 5 Spindles), Waltham, Mass.
See adv index at end of book
 Superior Machine Tool Co. ("Kokomo High Speed"), Kokomo, Ind.
 Taylor & Fenn Co., Hartford, Conn.

8245—Drilling & Countersinking Machines

Baush Machine Tool Co., Springfield, Mass.
CHICAGO PNEUMATIC TOOL CO., (Pneumatic), Fisher bldg, Chicago, Ill. *See adv index at end of book*
 Fitchburg Machine Works ("Fitchburg"), Fitchburg, Mass.

8246—Drilling & Milling Machines (Combined)

Cleveland Machine Tool Works, Cleveland, O.
 Clough R. M. (Vertical Bench), Tolland, Conn.
 Fosdick Machine Tool Co., Cincinnati, O.
 Knight W. B. Machinery Co., 2019 Lucas av, St. Louis, Mo.
 Superior Machine Tool Co., Kokomo, Ind.

8247—Drilling & Reaming Machines

Hoefer Mfg. Co. (Automobile Piston), Freeport, Ill.

8248—Drilling & Tapping Machines

American Tool Works Co., Cincinnati, O.
 Aurora Tool Works, Aurora, Ind.
 Baker Bros., Toledo, O.
 Carlton Machine Tool Co. (Radial), Cincinnati, O.
 Cincinnati-Bickford Tool Co. (24 to 48 inch, Upright, Heavy Pattern), Cincinnati, O.
 Cleveland Machine Tool Works, Cleveland, Ohio
 Fay Machine Tool Co. (Drilling, Threading & Tapping), 2d & Glenwood av, Phila., Pa.
 Fosdick Machine Tool Co. (Drilling, Boring, Tapping & Milling), Cincinnati, Ohio
 Garvin Machine Co., 147 Varick, New York
 Langelier Mfg. Co. (Horizontal), Arlington, Providence, R. I.
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.
 Pratt & Whitney Co., Hartford, Conn.
 Stow Mfg. Co. (Portable), Binghamton, N. Y. *See adv index at end of book*
 Taylor & Fenn Co. (Radial), Hartford, Conn.

8249—Drilling & Tapping Machines (Combined)

Anderson Machine Works, Peekskill, N. Y.
 Barber M. A., Norwich, Conn.
 Baush Machine Tool Co., Springfield, Mass.
 Hoefer Mfg. Co., Freeport, Ill.
 Pratt & Whitney Co., Hartford, Conn.

8250—Drilling & Turning Machines

Garvin Machine Co. (Four Head Right Angle), 147 Varick, New York

8251—*Drop Forging Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8252—Drying Machinery

See also Dryers, Various Kinds
 Atlas Engineering Co., Amherst, O.
See adv index at end of book
 No-Dust Drying Machine Co. ("No-Dust"), 157 Dorrance, Providence, R. I.

8253—Duck Slitting Machines

Farrel Foundry & Machine Co., Ansonia, Conn.
 Thropp William R. & Sons Co., Trenton, N. J.

Duplicating Machines

See Duplicators

Dyeing Machinery

See Textile Machinery

8254—Dynamite Shell Machines

Luther Mfg. Co., Olean, N. Y.

8255—Eave Trough Hanger Machines

Birch & Birch (Automatic Wire), Crawfordsville, Ind.

Eave Trough Machinery

See Conductor Pipe & Eave Trough Machinery

8256—Eave Trough Machines (Combination Forming & Beading)

Canton Foundry & Machine Co., Canton, O.

8257—Eave Trough Wire Hanger Twisting Machine

Canton Foundry & Machine Co. ("Universal"), Canton, O.

8258—Edging Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 900 Bingham, Pittsburgh, Pa.
Grammes L. F. & Sons, Allentown, Pa.

8259—Edging or Lock-Folding Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolphi & Krummel" for Tin & Sheet Metal Work), Monroe bldg, Chicago, Ill. *See adv index at end of book*
BLISS E. W. CO. (For Tin & Sheet Metal), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8260—Edging Saw Machines

American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Bentel & Margendant Co., Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Holmes E. & B. Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Mecklenburg Iron Works, Charlotte, N. C.
National Woodworking Machine Co., Dover, N. H.
Sinker-Davis Co., Indianapolis, Ind.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich. *See adv index at end of book*
Yates P. B. Machine Co., Beloit, Wis.

8261—Elbow Seam Closing Machines

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

8262—Electric Cloth Cutting Machines

Maimin H. Co., 251 W 19th, New York

8263—*Electric Power & Lighting Machinery

See also Dynamos & Motors; also Generators, Various Kinds

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
ECK DYNAMO & MOTOR CO., Belleville, N. J. *See adv index at end of book*
GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*
JANTZ & LEIST ELECTRIC CO., Cincinnati, O. *See adv index at end of book*
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

8264—Electric Wire Making Machinery

Watson Machine Co., Paterson, N. J.

8265—*Electrical Goods Mfrs. Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8266—Electrical Porcelain Machinery

CROSSLEY MACHINE CO. (Also Dies, etc), State & Chestnut av, Trenton, N. J. *See adv index at end of book*
Patterson Foundry & Machine Co., East Liverpool, O.

Electrical Wire & Cable Covering Machinery

See Wire & Cable Covering Machinery

8267—Electro-Dental Machinery

Consolidated Dental Mfg. Co., 130 Washington pl, New York
Russell Percy, 12 E 23d, New York
White S. S. Dental Mfg. Co., 5 Union sq, New York

8268—*Electro Plating Machines

See also Dynamos, Electro Plating
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa. *See adv index at end of book*

8269—Electro & Linotype Sawing Machines

Hoe R. & Co., 504 Grand, New York
Kidder R. E. Co., Worcester, aMss.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8270—Electrotype Machinery

Herrick & Cowell, New Haven, Conn.
Hollingsworth Wm., 229 N Holliday, Baltimore, Md.
Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.
Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

8271—Electrotype Trimming Machines

Bishop W. S., New Haven, Conn.
Royle Jno. & Sons, Paterson, N. J.

8272—*Elevating & Conveying Machinery

See also Conveyors, Cranes, Derricks, Elevators, Hoists, Trolleys, Overhead, Wire Rope Tramways, etc)
See also Index of Contents for the specific article required
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*
Atlas Engineering Co., Amherst, O. *See adv index at end of book*
BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*
HUNT C. W. CO., West New Brighton, N. Y. *See adv index at end of book*
JEFFREY MFG. CO., 961 N Fourth, Columbus, O. *See adv index at end of book*
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*
NORTHERN ENGINEERING WORKS, 9 Chene, Detroit, Mich. *See adv index at end of book*
ROBINS CONVEYING BELT CO., 13 Park Row, New York *See adv index at end of book*
Werner & Pfeleiderer Co., Saginaw, Mich. *See adv index at end of book*

8273—Embossing Machines

Advance Machine Co. (For Leather, Paper, etc), Cambridge, Mass.
American Wood Decorating Machine Co. (Wood), 275 Water, New York
BLISS E. W. CO. (Sheet Metal Work), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Cavagnaro Jno. J., Harrison, N. J.
Currier Cyrus & Sons (Presses & Rolls for Leather), 365 Market, Newark, N. J.
Firth Wm. (Leather, Lockett, Crossland & Co.'s), 200 Devonshire, Boston, Mass.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.
Grammes L. F. & Sons (Lever, for Wood, Paper, Cloth, Silk, etc), Allentown, Pa.
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio
Latham Machinery Co. ("Monitor," Bookbinders), 1153 Fulton, Chicago, Ill.
Lentz-Schlebler Co. (Rotary & Lateral), Indianapolis, Ind.
Randall J. D. Co. (Leather, etc), 610 W Court, Cincinnati, O.
Roovers Bros., 100 Schermerhorn, Bklyn., N. Y. *See adv index at end of book*
Seybold Machine Co., Dayton, O.
Sheridan T. W. & C. B. Co. (Bookbinders'), 434 Broadway, New York
Traud Alex & Sons, 124 Polk, Newark, N. J.
Waldron John Co., New Brunswick, N. J.

8274-5—Embroidering Machines

Alstrom O. J. ("Cormley & Fils" Imported), 711 B'way, New York
Durbrow & Hearne Mfg. Co. ("Bonnoz" & "Swiss"), 12 Wooster, New York
Home Embroidery Machine Co., Kansas City, Kansas
Saurer Adolph (Imp), River av & 151st, New York

8276—Enamel Ware Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8277—Engraving Machines

Cayuta Mfg. Co., Sayre, Pa.
Eaton & Glover Co., Sayre, Pa.
Engravers & Printers Machinery Co., Sag Harbor, N. Y.
Field Chas. H., 113 Point, Providence, R. I.
Gorton Geo. Machine Co. (For Engraving Name & Direction Plates), Racine, Wis.
Hope John & Sons Engraving & Mfg. Co. (For Steel & Copper Plate), 1 Mashapaug, Providence, R. I.
Schuchardt & Schutte, 90 West, New York
Warner Mfg. Co. ("Francis"), Citizen bldg, Cleveland, O.

8278—Envelope Machines

Bickett Machine & Mfg. Co., Cincinnati, O.
Brown Bag Filling Mach. Co., Fitchburg, Mass.
Cooley & Trevor Mfg. Co., Hartford, Conn.
Dietz Machine Works (Merchandise), 126 Fountain, Phila., Pa.
Hobbs Mfg. Co., Worcester, Mass.
Hopkinson Machine Works, Springfield, Mass.
Lester & Wasley Co. ("Leader"), Norwich, Conn.
Potdevin Machine Co., 253 36th, Brooklyn, N. Y.
Schmidt F. L. Co., 11th av & 21st, New York
Sherman Envelope Co., Worcester, Mass.
Swift Geo. W. Jr., Bordentown, N. J.

8279—Envelope Sealing Machines

Acorn Brass Mfg. Co. ("Thexton"), 526 S Clinton, Chicago, Ill.
American Multigraph Sales Co. ("Markoe" Electric), 1832 E 40th, Cleveland, O.
Barrow John H. & Co., 5 N La Salle, Chicago, Ill.
Borger Mfg. Co., Cincinnati, O.
Extensive Mfg. Co. ("Simplex"), 90 West, New York
Kendall Specialty Co., 1270 Broadway, New York
Mailometer Co., 1093 Jefferson av E, Detroit, Mich.
Saunders & Co. ("Sealograph"), 519 Southwest blvd, Kansas City, Mo.
Standard Envelope Sealer Mfg. Co., Somerville, Mass.
Utica Sales & Specialty Co., Utica, N. Y.

Envelope Stamping Machines

See Postage Stamp Affixing Machine

8280—*Excavating Machinery

See also Dredging Machinery; also Shovels, Steam; also Sewer & Trench Excavating Machines; also Ditching Machines
Byers Jno. F. Machine Co., 242 So. Sycamore, Ravenna, O. *See adv index at end of book*
ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md. *See adv index at end of book*

THE HAYWARD COMPANY
DIGGING MACHINERY

50 Church Street, New York
See adv index at end of book

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

JEFFREY MFG CO., 961 N Fourth, Columbus, O.

See adv index at end of book

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*
Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

8281—*Excavating Machines, (Portable)

Byers Jno. F. Machine Co. (Especially Adapted for Sand & Gravel), 242 S Sycamore, Ravenna, O.
See adv index at end of book

8282— Excelsior Machinery

American Saw Mill Machinery Co., Hack-ettstown, N. J.
Fifield Bros. Co., Augusta, Me.
Fisher & Davis Mfg. Co., St. Louis, Mo.
Howell R. R. & Co., 31st av, Minneapolis, Minn.
Indianapolis Excelsior Machinery Co., Indianapolis, Ind.
Jenkins Machine Co., Sheboygan, Wis.
Kline Lewis T., Alpena, Mich.

8283—*Expanded Metal Lath Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8284—Eye Bending or Eye Bolt Machines

Williams, White & Co., Moline, Ill.

8285— Eyelet Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Ideal Specialties Mfg. Corp. (Automatic Portable), 552 Pearl, New York

Machine Appliance Corp., 351 Jay, Brooklyn, N. Y.

Manville E. J. Machine Co., Waterbury, Conn.

Sheridan T. W. & C. B. Co. (Bookbinders, etc), 434 B'way, New York

Shipman Geo., West Bridgewater, Mass.

United Shoe Machinery Co. ("Duplex"), 205 Lincoln, Boston, Mass.

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

8286—Face & Fire Brick Machinery

American Clay Machinery Co., S Walnut, Bucyrus, Ohio.

8287—Facing Machines (Three-Way)

Beaman & Smith Co., Providence, R. I.
Pottstown Machine Co. (Also Threading & Facing), Pottstown, Pa.

8288—Facing & Boring Machines

Beaman & Smith Co., Providence, R. I.
Reed-Prentice Co. ("Reed-Prentice" Automatic, Vertical), Worcester, Mass.

8289—Faucet or Bib Re-Seating Machines

Long Adam A., Rochester, N. Y.
McCrea James & Co. ("Skinner"), 562 W Washington, Chicago, Ill.

8290— Felling Machines

Arbetter Felling Machine Co., 242 Dover, Boston, Mass.

Felloe Machinery

See Carriage Builders' Machinery

8291—Felt Hardening Machinery

Clark Machine & Foundry Co., Franklin, Mass.

Farrel Foundry & Machine Co., Ansonia, Conn.

8292—Felt Spreading Machines

Ticonderoga Machine Works (For Paper Makers), Ticonderoga, N. Y.

8293—Fence Machines (Wire)

Brazil Machine & Foundry Co., Brazil, Ind.

Carter Wire Fence Machine Co., Mt. Sterling, O.

Cyclone Fence Co. (Fence Weaving), Waukegan, Ill.

Cyclone Woven Wire Fence Co. (Chain), Cleveland, O.

Deuscher H. P. Co. ("Hamilton"), Hamilton, O.

Elliott & Reid Co. (Wire & Picket), Richmond, Ind.

Eureka Fence Mfg. Co. ("Eureka," "Little Giant," "New Robinson," Wire & Picket), Richmond, Ind.

Gem Wire Fence Co., Pontiac, Mich.

Jackson Fence Co. ("Jackson"), Jackson, Mich.

Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.

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Kitselman Bros. (Woven Wire), Muncie, Ind.

Lansing Co. ("Lansing," Wire & Picket), Lansing, Mich.

Lyle & Reynolds, Crawfordsville, Ind.

8294— Fertilizer Machinery

See also Pulverizing Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

American Process Co., 68 William, New York

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Atlanta Utility Works, East Point, Ga.

Atlas Engineering Co., Amherst, O. *See adv index at end of book*

BARTLETT C. O. & SNOW CO., French st, Cleveland, O. *See adv index at end of book*

Bouchard Jno. & Sons Co., Nashville, Tenn.

Brecht Co., 1201 Cass av, St. Louis, Mo.

Buffalo Engine Co., Buffalo, N. Y.

Campbell P. F., 51 Laurel, Phila, Pa.

Codd E. J. Co., 700 S Caroline, Baltimore, Md.

Dempwolf C. H. & Co. (Steel Mixers, etc), York, Pa.

Flynn & Emrich Co., 305 N Halliday, Baltimore, Md.

Holmes & Blanchard Co., 31 State, Boston, Mass.

Hydraulic Press Mfg. Co. (Hydraulic Pressing), Mt. Gilead, O.

Manitowoc Engineering Works, Manitowoc, Wis.

Marquette John N. Sons, 513 S Eden, Baltimore, Md.

Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.

Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.

Sackett A. J., cor 4th av & 1st, Baltimore, Md.

Smith T. L. Co. ("Smith-Chicago" Fertilizer Mixers), 1151 32d, Milwaukee, Wis.

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Stedman's Foundry & Machine Works, Aurora, Ind.

Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

Valk & Murdoch Co., Charleston, S. C.

Walker & Elliott, 2d & Lombard, Wilmington, Del.

Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

8295—Fibre Cleaning Machines

Smith Samuel Machine Co. ("Brandy"), Lawrence, Mass.

Watson Machine Co., Paterson, N. J.

8296— Fibre Machinery

American Machine & Mfg. Co. (Reclaiming), Greenville S. C.

Ehrsam J. B. & Sons Mfg. Co. (Wood), Enterprise, Kans.

Fiber Barrel Machine & Mfg. Co., 2516 Jane, Pittsburgh, Pa.

8297—Fibre Machinery (Hard Fibre)

Downingtown Mfg. Co., East Downingtown, Pa.

Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

Pusey & Jones Co., ft. Poplar, Wilmington, Del.

8298— File Machinery

Hess Machine Works (Also Rasp Machinery) (Jno. A. Hess), 2512 Callowhill, Phila., Pa.

8299— File Room Machinery

See also Saw Filing & Setting Machines; also Band Saw Setting Machines

Covel Mfg. Co., Benton Harbor, Mich.

Hanchett Swage Works, Big Rapids, Mich.

Rotary File & Machine Co., 200 Diamond, Brooklyn, N. Y.

File Sharpening Machines

See Sharpeners, File

8300—File Testing & Indicating Machines

Olsen Tinius Testing Machine Co. ("Herbert," Automatic), 500 N 12th, Phila., Pa.

8301— Filing Machines

FILING MACHINES
 SEND FOR CIRCULARS
NOBLE & WESTERBROOK MFG CO
 HARTFORD, CONN.

Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*

Robinson Tool Works ("Hartford"), Waterbury, Conn.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Stearns E. C. & Co. (Circular Saw Side), 450 Oneida, Syracuse, N. Y.

8302—Filing Machines (Bench)

Ames B. C. Co., Waltham, Mass.

Edge & Edwards Machinery Co., Newark, N. J.

Extensive Mfg. Co. ("Simplex" Combination Bench Filer & Hack Saw), 90 West, New York

8303—Filing Machines (Die)

Cochrane-Bly Co. (For Sawing Out & Filing Blanking Dies), Rochester, N. Y.

Holmes Mfg. Co., Shelton, Conn.

Illinois Tool Works, 154 E Erie, Chicago, Ill.

Robinson Tool Works ("Hartford"), Waterbury, Conn.

Thurston Mfg. Co., 140 Benedict, Providence, R. I.

8304—Filter Cloth & Bag Washing Machines

American Laundry Machinery Co., 1800 N Spaulding av, Chicago, Ill.

8305—Filter Mass Washing Machines

Danner Adam Co., Yonkers, N. Y.

Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

Olsen & Tilgner Mfg. Co. (Double Rake), 2280 Elston av, Chicago, Ill.

8306— Fire Hose Machinery

Royle, Jno. & Sons, Inc., Paterson, N. J.

8307— Fire-Proofing Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.

Bonnot Company, Canton, O.

Fate J. D. Co., Plymouth, O.

Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

8308—Fish Dressing Machines

Smith Cannery Machine Co. ("Iron Chink"), Seattle, Wash.

8309— Fish Line Machinery

Brownell G. L., Worcester, Mass.

8310—Fishing Net Machinery

Fowler Net & Twine Co., 107 S 2d, Phila., Pa.

8311—Flanging Machines

See also Presses, Hydraulic Flanging
Alliance Machine Co., Alliance, O.
Ams Max Machine Co. (Automatic for
Can Makers), Bridgeport, Conn.

BLISS E. W. CO. (Sheet Metal), 19
Adams, Brooklyn, N. Y.

See *adv index at end of book*
Chambersburg Engineering Co. (Four
Column & Universal Hydraulic),
Chambersburg, Pa.

Hydraulic Press Mfg. Co. (Hydraulic),
Mt. Gilead, Ohio.

McCabe Mfg. Co. (Pneumatic), Lawrence,
Mass.

MORGAN ENGINEERING CO. ("Univer-
sal," Hydraulic, for Boiler Heads, etc),
Alliance, O. See *adv index at end of book*

Neumeyer & Dimond ("Demag" Imp.),
82 Beaver, New York

NIAGARA MACHINE & TOOL WORKS,
(Sheet Metal), Buffalo, N. Y.

See *adv index at end of book*
Niles-Bement-Pond Co. (Boiler Head,
etc), 111 B'way, New York

Stecher Chas Co. (For Can Makers), 1580
Crossing, Chicago, Ill.

Wickes Bros., Saginaw, Mich.
See *adv index at end of book*

8312—Flask Stripping Machines

Osborne Mfg. Co. ("Osborn" Adjustable,
etc), 5405 E Hamilton, Cleveland, O.

8313—Flax Seed Cleaning Machines

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor"), Silver
Creek, N. Y.

Invincible Grain Cleaner Co., Silver Creek,
N. Y.

8314—Flint Machines

Abbe Engineering Co., 220 B'way, New
York See *adv index at end of book*

Koegel Chas & Sons, Holyoke, Mass.

8315—Floor Polishing Machines

Hamilton Beach Mfg. Co. ("Wax-Rite"
Floor Polisher), Racine, Wis.

Schlueter M. L. (Tile & Composition), 225
W Illinois, Chicago, Ill.

Wisconsin Fdry. & Mach. Co., Madison,
Wis.

8316—Floor Scraping Machines

See also Scrapers, Floor
Duncan Bros. & Wray Co. ("Perfection,"
"Wray"), Ludlow Falls, O.

Fox Supply Co. ("Fox"), Brooklyn, Wis.

Hurley Machine Co. ("Little Giant"), 31
S Clinton, Chicago, Ill.

Kepplinger Geo. J. ("Boss"), Dwight, Ill.

Miotke Jos ("Acme"), 144 Clinton, Mil-
waukee, Wis.

Schlueter M. L., 225 W Illinois, Chicago,
Ill.

Triple "A" Machine Co. ("Anderson" Au-
tomatic Adjustable), 4125 Ravenswood
av, Chicago, Ill.

Weber Mfg. Co., West Allis, Wis.

8317—Floor Scrubbing Machines

Finola Mfg. Co. ("Finnell"), Hannibal, Mo

Herr John Mfg. Co., 44 N 4th, Phila., Pa.

International Floor Machine Co., 149 W
36th, New York

Kelley Electric Machine Co., Buffalo
N. Y.

8318—Floor Surfacing Machines

American Floor Surfacing Machine Co.,
Toledo, O.

Atlas Machine Co. (Electric), 7 Eddy,
Providence, R. I.

Cavicchi Ercole (Electric), Quincy, Mass.

Electric Floor Surfacers Co., 149 W 36th,
New York

Ideal Floor Sander Co., 440 N Peoria, Chi-
cago, Ill.

Kelley Electric Machine Co., Buffalo, N. Y.

Miotke Jos ("Acme"), 144 Clinton, Mil-
waukee, Wis.

Perfect Floor Surfacing Co., 34 W 6th, Cin-
cinnati, O.

Power L. Co., 20 S 23rd, Phila., Pa.

Schlueter M. L. ("Schlueter" Rapid Elec-
tric), 225 W Illinois, Chicago, Ill.

Triple "A" Machine Co. ("Triple A"),
4125 Ravenswood av, Chicago, Ill.

8318a—Flotation Machines

Stimpson Equipment Co., Salt Lake City,
Utah

Worthington Pump & Machinery Corp.,
115 Broadway, New York

8319—Flour Blending Machinery

Abbe Engineering Co., 220 B'way, New
York See *adv index at end of book*

Barnard & Leas Mfg. Co. ("Daisy" Feeder
& Mixer), Moline, Ill.

Day, J. H. Co., Cincinnati, O.

Gauntt F. G. Mfg. Co., Fort Wayne, Ind.

Gerdes & Co., 42 Church, New York

See *adv index at end of book*
Howes S. Co. (For Flour & Feed), Silver
Creek, N. Y.

WERNER & PFLEIDERER CO., Saginaw,
Mich. See *adv index at end of book*

Wolf Co. (For Bakeries), Chambersburg,
Pa.

8320—Flour Mill Machinery

See also Grain Elevator Machinery, Etc
Acme Mill Works, Greensboro, N. C.

Albany Iron Works, Albany, Ore.

ALLIS-CHALMERS MFG. CO., Milwaukee,
Wis. See *adv index at end of book*

Alsop Process Co., St. Louis, Mo.

Anglo-American Mill Co., Owensboro, Ky.

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Barnard Machinery Co., Enterprise, Kan.

Barnard Mfg. Co., Spokane, Wash.

Barnard & Leas Mfg. Co., Moline, Ill.

BARTLETT C. O. & SNOW CO., French
st, Cleveland, O.

See *adv index at end of book*
Blymyer Iron Works Co. ("Queen of
South"), Cincinnati, O.

Bullock C. K., 1357 Ridge av, Phila., Pa.

Caldwell H. W. & Son Co., 17th & Western
av, Chicago, Ill.

Caldwell W. E. Co., Brook & D. Louis-
ville, Ky.

Campbell P. F., 51 Laurel, Phila., Pa.

De Loach Mill Mfg. Co., Bridgeport, Ala.

Ehrsam J. B. & Sons Mfg. Co., Enter-
prise, Kan.

Essmuller Mill Furnishing Co., 1222 S
8th, So. Louis, Mo.

Fraser Co., 667 E Water, Milwaukee, Wis.

Gauntt F. G. Mfg. Co., Fort Wayne, Ind.

Flour Mill Machinery**Roller Mills—Bolters****Cleaners, etc.****Complete Equipment
Large and Small Units****GERDES & COMPANY
42 Church St. N. Y. C.**

Great Western Mfg. Co., Leavenworth,
Kan.

Gump B. F. Co. (Rebuilt Machinery), 431
S Clinton, Chicago, Ill.

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor") Cleaners,
Separators, Scourers, Polishers, Pack-
ers, Feeders, Mixers, Shuckers, Dust

Collectors, etc), Silver Creek, N. Y.

Invincible Grain Cleaner Co. (Cleaners &
Separators), Silver Creek, N. Y.

LINK-BELT CO., 39th & Stewart av,
Chicago, Ill., & Hunting Park av &
P & R. Ry., Phila., Pa.

See *adv index at end of book*

Moore & Lorenz Co., 2144 W Fulton, Chi-
cago, Ill.

Munson Mill Machinery Co. (Buhr Stone
Mills), Utica, N. Y.

Nordyke & Marmon Co. (All Kinds), 1290
Kentucky av, Indianapolis, Ind.

Nove Bros. Co., Buffalo, N. Y.

Poole Engng. & Mach. Co., Woodberry
Station, Baltimore, Md.

Portland Iron Works, 14th & Northrup,
Portland, Ore.

Prinz & Rau Mfg. Co., 659 E Water,
Milwaukee, Wis.

Richmond Mfg. Co., Lockport, N. Y.

Robinson Mfg. Co., Quincy, Pa.

Salem Foundry & Machine Works, Salem,
Va.

Savage W. J. Co., Knoxville, Tenn.

Silver Bros. Iron Works Co., Salt Lake
City, Utah

Simpson-Orville Co., Cincinnati, O.

Southern Engine & Boiler Works, Jack-
son, Tenn.

Sprout Waldron & Co., Muncy, Pa.

Starr B. F. Co., Guilford av & Center,
Baltimore, Md.

Strong-Scott Mfg. Co., 413 S 3rd, Minne-
apolis, Minn.

Ty-Sa-Man Machine Co., Knoxville, Tenn.

Union Iron Works, Decatur, Ill.

Williamette Iron & Steel Works, Portland,
Ore.

Willford Mfg. Co., 303 S 3rd, Minneapolis,
Minn.

Wolf Co. (Complete Plants), Chambers-
burg, Pa.

Ypsilanti Machine Works, Ypsilanti,
Mich.

**8321—Flour Sifting & Mixing Ma-
chines**

Gerdes & Co., 42 Church, New York

See *adv index at end of book*
Rockwell L. A. Co. (Also Blenders), 430
Smith, Brooklyn, N. Y.

Werner & Pfeleiderer Co., Saginaw, Mich.

See *adv index at end of book*
Wolf Co., Chambersburg, Pa.

Ypsilanti Machine Works, Ypsilanti,
Mich.

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Ypsilanti Machine Works, Ypsilanti,
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Ypsilanti Machine Works, Ypsilanti,
Mich.

8330—Foot Power Sawing Machines

Millers Falls Co. ("Cricket"), 28 Warren, New York; Works: Millers Falls, Mass.

8331—Forging Machines

See also Hammers, Power; also Presses, Power; also Presses, Hydraulic Forging; also Bulldozer or Bending Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
Beaudry & Co. ("Champion," "Peerless," Belt or Motor Driven), 141 Milk, Boston, Mass.
Bethlehem Steel Co., South Bethlehem, Pa.
Billings & Spencer Co. ("B. & S."), Hartford, Conn.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Lourie Mfg. Co. (Hydraulic), Springfield, Ill.

MERRILL BROS. (Hammers), 3 Arnold, Maspeth (Borough of Queens), New York *See adv index at end of book*

MORGAN ENGINEERING CO., Alliance, O. *See adv index at end of book*
National Machinery Co., Tinn, O.
Niles-Bement-Pond Co., 111 B'way, New York

Pawtucket Mfg. Co., Pawtucket, R. I.
Toledo Machine & Tool Co., Toledo, O.
United Hammer Co. ("Fairbanks"), 141 Milk, Boston, Mass.

Williams, White & Co., Moline, Ill.

Forging Machines (Hydraulic)

See Presses, Hydraulic Forging

8332—*Forging Machines (Sheet Work)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8333—*Forging & Bending Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8334—*Forming Machines (Hydraulic)

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

8335—Forming & Bending Machines

See also Wire Forming Machines; also Wood Forming Machines

Ajax Mfg. Co., Cleveland, O.
AMERICAN CAN CO. (Machinery Dept.) (For Tin & Sheet Metal), Monroe bldg, Chicago, Ill. *See adv index at end of book*
Badger State Machine Co., Janesville, Wis.

Baird Machine Co. ("Automatic Wire"), Bridgeport, Conn.
Bertsch & Co., Cambridge City, Ind.

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
Consolidated Press Co., Hastings, Mich.
Coulter & McKenzie Machine Co. (For Wire & Sheet Metals), Bridgeport, Conn.

Frost C. L. & Son, Grand Rapids, Mich.
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hartford Machine Screw Co. (Forming), Hartford, Conn.

Hilles & Jones Co., East Wilmington, Del. *See adv index at end of book*
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

Lang E. M. Co., Portland, Me.
Leffler Chas. & Co. (Can Forming, Bending, etc.), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Long & Allstatter Co. (Horizontal), Hamilton, O.

National Machinery Co., Tiffin, O.

NIAGARA MACHINE & TOOL WORKS

(Sheet Metal), Buffalo, N. Y.

See adv index at end of book

Niles-Bement-Pond Co., 111 B'way, New York

Ohl Geo. A. & Co. (Sheet Metal), 159 Oratton, Newark, N. J.

Peck, Stow & Wilcox Co. (Sheet Metal), Southington, Conn.

Robinson J. M. Mfg. Co. (Sheet Metal), Cincinnati, O.

Slater-Marsden-Whittemore Co. ("Beloit" Slip Roll Hand), Beloit, Wis.

Swaine Fred. J. Mfg. Co. (Can Body), 7th & O'Fallon, St. Louis, Mo.

Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.

WATSON-STILLMAN CO., 38 Church, New York *See adv index at end of book*

Whiting Geo. Co. (Forming), 1719 Elston av, Chicago, Ill.

Wickes Bros., Saginaw, Mich. *See adv index at end of book*

Williams, White & Co., Moline, Ill.

Wood Wm. H., Media, Pa.

8336—Forming & Curving Machines

NIAGARA MACHINE & TOOL WORKS. (For Corrugated Material), Buffalo, N. Y. *See adv index at end of book*

8337—*Foundry Machinery

See also the Specific Article Required

INGERSOLL-RAND CO., 11 B'way, New York *See adv index at end of book*

SHUSTER F. B. CO. (Sprue Cutters), Cedar Hills, New Haven, Conn. *See adv index at end of book*

8338—Fourdrinier & Cylinder Paper Machines

Bagley & Sewall Co., Watertown, N. Y.

Beloit Iron Works, Beloit, Wis.

Black-Clawson Co., Hamilton, O.

Clark H. C. & Son Machine Co., Lee, Mass.

Emerson Mfg. Co., Lawrence, Mass.

Horne J. H. & Sons Co., Lawrence, Mass.

Moore & White Co., N 15th & Lehigh av, Phila., Pa.

Pusey & Jones Co., ft Poplar, Wilmington, Del.

Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.

Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

Smith & Winchester Mfg. Co., South Windham, Conn.

8339—Fraying Machines (Carpet)

Reed Mfg. Co. (Hand & Power), Springfield, O.

Freight Handling Machines

See Conveyors, Freight

8340—*Fruit Can Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8341—Fruit Grading & Packing Machines

Anderson-Barngrover Mfg. Co., San Jose, Cal.

Fruit Package Stapling Machines

See Wire Stapling Machinery

Fruit Paring Machines

See Parers, Fruit & Vegetable

8342—Fruit & Vegetable Pulp Rubbing Machines

Kelso & Co., 333 W Quincy, Chicago, Ill.

Fuel Briquetting Machinery

See also Briquetting Machines

Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*

8343—Fuller's Earth Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Sprout Waldron & Co., Muncy, Pa.

Fur Dressing Machinery

See Fur Manufacturers' Machinery

8344—Fur Manufacturers' Machinery

Almond David (Blowers, Mixers, Cutters, etc.), 88 Warren, Newark, N. J.

Corey Machine Co. (For Combing, Washing & Clipping For Skins), Gloversville, N. Y.

8345—Furnace Charging Machines

See also Furnaces, Various Kinds

Brosius Elgar E., Benedum Trees bldg, Pittsburgh, Pa.

Hagan Geo. J. Co., Peoples' Bank bldg, Pittsburgh, Pa.

MORGAN ENGINEERING CO. (For Both Horizontal & Vertical Furnaces), Alliance, O. *See adv index at end of book*

Wellman-Seaver-Morgan Co., Cleveland, Ohio

8346—*Furnace Pipe Seaming Machines

NIAGARA MACHINE & TOOL WORKS. Buffalo, N. Y. *See adv index at end of book*

8347—Fuse Machinery

Langelier Mfg. Co., Arlington, Providence, R. I.

8348—Gaining Machines

Bentel & Margedant Co., Hamilton, O.

8349—Galvanizing Machinery

ERIE FOUNDRY CO. (Sheet), Erie, Pa.

McDermott P. J., Martins Ferry, Ohio.

Turner, Vaughn & Taylor Co. (For Wire Only), Cuyahoga Falls, O.

United Enging. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

Gang Drilling Machines

See Wood Gang Drilling Machines; for Metal Drills, see Drilling Machines, Gang

8350—Gang Slitting Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.

NIAGARA MACHINE & TOOL WORKS. Buffalo, N. Y.

See adv index at end of book

Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York

Pratt & Whitney Co., Hartford, Conn.

Standard Tool Co., 6900 Central av, Cleveland, O.

Garbage Disposal Machines

See Garbage Disposal Plants

8351—*Garment Pressing Machines (Electric)

EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

8352—Gas Burner Drilling Machines

Michigan Press Co., Ypsilanti, Mich.

8353—Gas Machines

American Gas Machine Co. ("American," "Hanson," "Perfection"), Albert Lea, Minn.

Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*

Brauer Acetylene Lighting Co., Marshalltown, Ia.

Coleman Gas Works Mfg. Co., 829 Sycamore, Cincinnati, O.

Detroit Heating & Lighting Co. (Combination), Detroit, Mich.

Incandescent Light & Stove Co., Marburg av & B. & O. R. R., Oakley, Cincinnati, O.

Kemp C. M. Mfg. Co. ("Climax" "Twentieth Century," for Generating Fuel Gas for Manufacturing), 405 E. Oliver, Baltimore, Md.

Lindsay W. W. & Co., Harrison bldg, Phila., Pa.

Matthews Gas Machine Co., 180 N Dearborn, Chicago, Ill.

Penna. Globe Gas Light Co., 1934 Market, Phila., Pa.
 Belas Co. (Fuel Gas for Mfg), 521 W 23d, New York
 Birrell Gas Machine Lighting Co., 103 Park av, New York
 United States Gas Machine Co., Muskegon, Mich.
 Walther-Vogler Gas Mach. Co., Davenport, Ia.

8354—Gas Machines (Acetylene)

Abner Mfg. Co., Wapakoneta, O.
 Bauer Machine Works Co., Kansas City, Mo.
 Brauer Acetylene Lighting Co. ("Brauer"), Marshalltown, Ia.
 Braun J. G., 609 S Paulina, Chicago, Ill.
 Carbie Mfg. Co., 301 S 55th av, Duluth, Minn.
 Coleman Gas Works Mfg. Co., 829 Sycamore, Cincinnati, Ohio
 Holt J. E. Co., 30 E 42d, New York
 Davis Acetylene Co. (Carbide Feed), Elkhart, Ind.
 Detmer Mfg. Co., 2518 Archer av, Chicago, Ill.

Gen City Acetylene Generator Co., Dayton, O.
 Hercules Mfg. Co., Chattanooga, Tenn.
 Ideal Acetylene Co., Johnstown, Pa.
 International Oxygen Co., 115 Broadway, New York
 Ireland Mfg. Co., Washington C. H., O.
 Kenne Acetylene Gas Machine Co., Traction Terminal bldg, Indianapolis, Ind.
 Kraft A. C. (For Tractors, Dreges & Engines), 323 W Lake, Chicago, Ill.
 Krein Mfg. Co. ("Abner"), Wapakoneta, Ohio

MacLeod Co., 2232 Bogen, Cincinnati, O.
See adv index at end of book
MILBURN A. ALEXANDER CO. (Generators for House Lighting, etc), 1420 W Baltimore, Baltimore, Md.
See adv index at end of book

Miller Lighting Co. ("Daisy Jr." Generator), Detroit, Mich.
 Model Generator Co., Louisville, Ky.
 Monmouth Acetylene-Electric Mfg. Co. ("Illinois"), Monmouth, Ill.
 New England Mfg. Co., 1st National Bank bldg, Chicago, Ill.
 Night Commander Lighting Co., Jackson, Mich.

Oxweld Acetylene Co. ("Pilot"), 640 Frelinghuysen av, Newark, N. J.
 Phelps Mfg. Co., 53 W Jackson blvd, Chicago, Ill.

Rose Mfg. Co. ("Nervous"), 910 Arch, Phila., Pa.
 St. Clair Mfg. Co. ("Daytonia"), Dayton, Ohio

Sober, C. K. (Lumber), Lewisburg, Pa.
 Struthers R. F. Co., Omaha, Neb.
 J. S. Standard Co. ("Night Commander"), Voorheesville, N. Y.
 Vulcan Process Co., 25th & University av, S E, Minneapolis, Minn.

8355—Gas Machines (Gasoline)

American Gas Machine Co., Albert Lea, Minn.
 Economy Gas Lamp Co., Kansas City, Mo.
 Economy Gas Machine Co. ("Economy"), Rochester, N. Y.
 Freeport Gas Machine Co., Freeport, Ill.
 Hawkeye Mfg. Co., Waterloo, Iowa
 Incandescent Light & Stove Co., Marburg av & B. & O. R. R. Oakley, Cincinnati, O.
 Kemp C. M. Mfg. Co. ("Climax" Twentieth Century," for Generating Fuel Gas for Manufacturing), 405 E Oliver, Baltimore, Md.

Matthews Gas Machine Co., 180 N Dearborn, Chicago, Ill.
 Severance Gas Machine Co., Freeport, Ill.
 Birrell Gas Machine Lighting Co. (For Lighting, Cooking, Heating & Power), 103 Park av, New York
 Wather-Vogler Gas Machine Co. (Cold Process), Davenport, Iowa

Whitacre-Goshert Mfg. Co., Rockford, Ill.

8356—Gas Machines (Naphtha Gas)

Kemp C. M. Mfg. Co. ("Twentieth Century" for Generating Fuel Gas for Manufacturing), 405 E Oliver, Baltimore, Md.

8357—Gas Retort House Machinery

Western Gas Construction Co., Ft. Wayne, Ind.

8358—Gas Works Machinery

See also Gas Works Apparatus & Construction; also Specific Article Required
 Gas Machinery Co. (By-Product Machinery, etc), 1900 Euclid av, Cleveland, Ohio

Isbell-Porter Co. (Charging & Discharging Machinery, Extractors, etc), 46 Bridge, Newark, N. J.

Lloyd Construction Co., 860 Greenwood av, Detroit, Mich.

Western Gas Construction Co., Ft. Wayne, Ind.

8358a—Gas & Air Mixing Machines

KEMP C. M. MFG. CO. ("Kemp" For Reducing Gas Consumption), 405 E Oliver, Baltimore, Md.

8359—Gate Hook Machines (Automatic)

Nilson A. H. Machine Co., Bridgeport, Conn.

8360—Gear Cleaning Machines

Crowther T. & Co. (Automatic), 170 Oliver, Boston, Mass.

Upton & Gilman Machine Co. (Automatic), Lowell, Mass.

8361—Gear Cutting Machines

American Watch Tool Co. (Automatic Pinion & Wheel Cutters), Waltham, Mass.

Barber-Colman Co., Rockford, Ill.
 Bilgram Machine Works (Bevel), 1235 Spring Garden, Phila., Pa.

Bilton Machine Tool Co., The, ("Standard," Automatic "Dwight State"), Bridgeport, Conn.

Brown & Sharpe Mfg. Co., Providence, R. I.

Cincinnati Gear Cutting Machine Co. (Automatic), Elam & Garrard av, C W, Cincinnati, O.

Eagle Tool & Machine Co. (Special Tools & Machinery), 519 South av, Pittsburgh, Pa.

Fellows Gear Shaper Co., Springfield, Vt.
 Flather E. J. Mfg. Co., Nashua, N. H.
 Garvin Machine Co., 147 Varick, New York

Gleason Works (Bevel, Spiral Type Bevel Roughing & Finishing), 2000 University av, Rochester, N. Y.

Gould & Eberhardt (Automatic Gear & Pinion), 111 N. J. R. R. av, Newark, N. J.

Mafetro Machine & Tool Co., Worcester, Mass.

Newark Gear Cutting Machine Co. (Automatic), 69 Prospect, Newark, N. J.

Newton Machine Tool Works, 23 Vine, Philadelphia, Pa.

Pratt & Whitney Co. (Involute & Epicycloid), Hartford, Conn.

Reynolds Pattern & Machine Co. (Automatic), Moline, Ill.

Schuchardt & Schutte, 90 West, New York

Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y. *See adv index at end of book*

Sloan & Chase Mfg. Co. (Ltd.), (Automatic), 351 6th av, Newark, N. J.

WALTHAM MACHINE WORKS (Small, Automatic), Waltham, Mass.

WHITON D. E. MACHINE CO., New London, Conn. *See adv index at end of book*

Woodward Machine Co., Wooster, O.

8362—Gear Hobbing Machines

Adams Co. ("Farwell" Automatic), Dubuque, Ia.

Barber-Colman Co., Rockford, Ill.

Bilton Machine Tool Co., The, ("Bilton"), Bridgeport, Conn.

Fawcus Machine Co. (For Herringbone & Double Helical Gears), Main Office & Gear Works, 1st Nat Bk bldg, Pittsburgh, Pa.

Gould & Eberhardt, 111 N. J. R. R. av, Newark, N. J.

Lees-Bradner Co., Cleveland, O.

MEISSELBACH - CATUCCI MFG. CO. ("M-C" Hobbing Gear Cutter), 25 Congress, Newark, N. J.

Reynolds Pattern & Machine Co. (Automatic), Moline, Ill.

Schuchardt & Schutte (Automatic, from 1-4 to 128 inch), 90 West, New York

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

8363—Gear Testing Machines

Adams Co. ("Farwell"), Dubuque, Ia.
 Gishold Machine Co., Madison, Wis.
 Gleason Works (Bevel), 2000 University av, Rochester, N. Y.
 Morse Twist Drill & Machine Co., New Bedford, Mass.

8364—Gear Tooth Rounding Machines

Ingle Machine Co., 371 St. Paul, Rochester, N. Y.

Schuchardt & Schutte ("S. & S." Automatic), 90 West, New York

8365—Gelatine Coating Machines

Colton Arthur Co., Jefferson & Chene, Detroit, Mich.

8366—German Silver Rolling Mill Machinery

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

8367—Gin Saw Filing Machines & Gummers

American Machinery Co. ("Dixie" Combination), Atlanta, Ga.
 Bradley Gin Saw Filer Co., Dallas, Tex.
 Carver Cotton Gin Co., East Bridgewater, Mass.
 Wood A. A. & Sons Co. ("Simplex"), Atlanta, Ga.

8367a—Glass Beveling Machinery

See also Glass Polishing Machines
 Hisey-Wolf Machine Co. ("Hisey" Portable Electric), Cincinnati, O.
 Lange Henry G., 162 N May, Chicago, Ill.

8368—Glass Blowing Machines

Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Miller Machine & Mould Works (Automatic), Columbus, Ohio
 Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

8369—Glass Decorating Machinery

Tilghman-Brooksbank Sand Blast Co. (Sand Blast Etching Machines), 1126 S 11th, Phila., Pa.

8370—Glass House Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
 Acton John (Glass Roughing, Smoothing, etc), 118 John, Brooklyn, N. Y.
 Center Foundry & Machine Co., Wheeling, W. Va.
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.
 Evans Mold & Foundry Co., Uniontown, Pa.

Knott & Harker Co., Beaver Falls, Pa.
 Krebs Emil, Elwood, Ind.
 Patch S. B. & Sons Co., Streator, Ill.
 Rochester Mould & Machine Co., Rochester, Pa.

Rosedale Foundry & Machine Co. (For Plate, Wire & Ribbed Glass), Washington & Preble, Pittsburgh, Pa.

Smith T. L. Co., The (Glass Batch Mixers), 1151 32d, Milwaukee, Wis.
 Sommerfeld Mach. & Mfg. Co., 216 2d av, Pittsburgh, Pa.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.

8371—Glass Polishing Machines

Acton John, 118 John, Brooklyn, N. Y.
 Hisey-Wolf Machine Co. ("Hisey" Electric), Cincinnati, O.
 Lange Henry G., 162 N May, Chicago, Ill.
 Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

8372—Glazing Machines

Sigwart & Rolston, 341 2nd av, Pittsburgh, Pa.

8373—Glossing Machines

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

8374—Glove Machinery, Etc.

Corey Machine Co., Gloversville, N. Y.
Curtin Herbert Co. (Special Machine & Glove Sewing Machines; also All Kinds of Machinery for Leather, Canvas & Silk Glove Mfrs.), Gloversville, N. Y.
Gustin M. & Son (Cutting Dies), Johnstown, N. Y.
Haag's Cutting Die Works (Glove Cutting Dies, etc.), Gloversville, N. Y.

8375—Glue Cutting Machines

Black-Clawson Co. (Hand or Belt Power), Hamilton, O.

8376—Glue Factory Machinery & Apparatus

American Process Co., 68 William, New York
Badger E. B. & Sons Co. (Complete Plants), 75 Pitts. Boston, Mass.
Joslin Schmidt Co., 3223 Spring Grove av., Cincinnati, O.
Mead & Co., Detroit, Mich.

8377—Glue Jointing Machines

Falls Machine Co. (Automatic), Sheboygan Falls, Wis.
Francis Chas. E. Co., Rushville, Ind.
Linderman Machine Co. ("Linderman" Dovetail), Muskegon, Mich.
Yates P. B. Machine Co., Beloit, Wis.

8378—Glue Spreading Machines

Advance Machinery Co., Toledo, O.
Boyle John & Co., Peabody, Mass.
Francis Chas. E. & Co., Rushville, Ind.
Grammes L. F. & Sons, Allentown, Pa.
Grand Rapids Veneer Wks., Grand Rapids, Mich.
Towsley Jno. T. Mfg. Co., Cincinnati, O.

8379—Glycerine Machinery & Apparatus

Badger E. B. & Sons Co. (Complete Plants), 75 Pitts. Boston, Mass.
Curtin Herbert Co., Gloversville, N. Y.
Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.
Jobbins Wm. F., Inc. ("J. Van Ruymbeke's," for Crude & Refining), Aurora, Ill.

Gold Dredging Machinery

See Dredges, Gold & Placer Mining

8379a—*Gold & Silver Rolling Mill Machinery

Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

8380—Graduating Machines

Altender T. & Sons, 945 Ridge av, Phila., Pa.
Brandis Sons Mfg. Co., 754 Lexington av, Brooklyn, N. Y.
Burr Co., Champaign, Ill.
Hope Jno. & Sons Engraving & Mfg. Co. (Precision, for Steel Tools, etc.), 1 Mashapaug, Providence, R. I.
LeBlond R. K., Machine Tool Co., Cincinnati, O.
Modern Tool Co., 500 State, Erie, Pa.
Oesterlein Machine Co., Cincinnati, O.

8380a—*Grain Cleaning Sieves & Screens

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*

8381—Grain Cleaning & Grading Machinery

See also Flour Mill Machinery

Barnard & Leas Mfg. Co., Moline, Ill.
Campbell P. F., 51 Laurel, Phila., Pa.
Constant B. S. Mfg. Co., Bloomington, Ill.
Fooston Mfg. Co. ("New Process" & "Cyclone" Elevator, "Fooston" Automatic, "S. & H."), 473 Cleveland, St. Paul, Minn.
Gerdes & Co., 42 Church, New York
See adv index at end of book

Ghent Mfg. Co. ("Wonder"), Ghent, Minn.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Grain, Seed, Rice, Flax, Malt, Coffee, Peanuts, Vegetables, etc), Silver Creek, N. Y.

International Mfg. Co., Crestline, O.
Invincible Grain Cleaner Co., Silver Creek, N. Y.

Johnson & Field Mfg. Co., Racine, Wis.
Leader Machine Co. (for Grain & Seeds), 2841 N Francisco av, Chicago, Ill.

Maytag Co. ("Hawkeye"), Newton, Ia.
Messinger Mfg. Co., Tatamy, Pa.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

Portland Iron Works ("Eureka"), 14h & Northrup, Portland, Ore.

Prinz & Rau Mfg. Co. (Iron Prince Scourer), 659 E. Water, Milwaukee, Wis.

Richmond Mfg. Co., Lockport, N. Y.
Smith Phillip Mfg. Co., Sidney, O.

Sprout, Waldron & Co., Muncy, Pa.

Twin City Separator Co., 29th & Colfax av, S Minneapolis, Minn.

Union Iron Works, Inc. ("Western") Decatur, Ill.

Wolf Co., Chambersburg, Pa.

8382—Grain Elevator Machinery & Appliances

Amer. Grain Separator Co., Erie & S E Essex, Minneapolis, Minn.

Barnard Mfg. Co., Spokane, Wash.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.

Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.

Ehram J. B. & Sons Mfg. Co., Enterprise, Kans.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Gill P. H. & Sons, 2 Lorraine, Brooklyn, N. Y.

Globe Machinery & Supply Co., Des Moines, Ia.

Great Western Mfg. Co., Leavenworth, Kans.

Hastings Foundry & Iron Works, Hastings, Neb.

Howes S. Co., Silver Creek, N. Y.

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book
LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book
McDonnell Boiler & Iron Wks., Des Moines, Ia.

Marseilles Co., East Moline, Ill.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

Power Equipment Co., 212 3rd av, N Minneapolis, Minn.

Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.

Smith Phillip Mfg. Co., Sidney, O.

Sprout Waldron & Co., Muncy, Pa.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.

Union Iron Works, Inc., Decatur, Ill.

Webster Mfg. Co., Tiffin, O.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

Wolf Co., Chambersburg, Pa.

York Foundry & Engineering Works, York, Neb.

8383—Grain Fan Machines
Blymyer Iron Works Co. (For Rice), Cincinnati, O.

8384—Grain Scouring & Polishing Machines
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," for Grain of All Kinds), Silver Creek, N. Y.
Sidney Elevator Mfg. Co., Sidney, O.
Wolf Co., Chambersburg, Pa.

Granite Column Cutting Machines
See Stone Cutting Machines

8385—Granite Sawing Machines

American Granite Saw Co., Worcester, Mass.

8386—Granulating Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Colton Arthur Co., Jefferson & Chine, Detroit, Mich.

Mulford H. K. Co., 428 S 13th, Phila., Pa.

8387—Granulating Machines (Clay)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

American Clay Machinery Co., S Walnut, Bucyrus, Ohio

8388—Granulating Machines (Coffee)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

8389—Granulating Machines (Sugar)

Hauptman & Loeb Co., Ltd., 717 Magazine, New Orleans, La.

Hersey Mfg. Co., First, South Boston, Mass.

8390—Grape Stemmer & Crushing Machines

Hydraulic Press Mfg. Co. (Grape Crushers), Mt. Gilead, O.

Klotz Machine Co., Sandusky, O.

8391—Gravity Incline Machines

Wellman-Seaver-Morgan Co., Cleveland, O.

8392—Green Pea Cleaning & Grading Machines

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Invincible Grain Cleaner Co., Silver Creek, N. Y.

Sprague Canning Machinery Co. ("Clipper," "Eureka" & "Monitor"), 222 N Wabash av, Chicago, Ill.

Grinding Machinery

See Grinders; also Mills, Grinding; also Paint Grinding & Mixing Machinery; also Pulverizing Machinery

8393—Grinding Machines (Ball)

Lutz-Webster Engineering Co., 3103 Grays Ferry av, Phila., Pa.

8394-5—Grinding Machines (Burr Cylinder)

Leigh & Butler ("Dronsfeld Bros."), 232 Summer, Boston, Mass.

8396—Grinding Machines (Car Wheel)

Bridgeport Safety Emery Wheel Co. (Cups Only), Bridgeport, Conn.

Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.

Norton Grinding Co., Worcester, Mass.

Springfield Mfg. Co., Bridgeport, Conn.

Grinding Machines (Flint)

See Mills, Ball & Pebble

8397—*Grinding Machines (Moulding Knife)

WESTLUND C. G. CO. (8 Wheel Grinder), 498 Millbury, Worcester, Mass.

Grinding Machines (Quartz)

See Mills, Quartz

8398—Grinding Machines (Rail)

Indianapolis Switch & Frog Co., Springfield, O.

Kerwin Machine Co. ("Kerwin-Detroit"), Detroit, Mich.

8399—Grinding Machines (Shear Knife)

Trethewey Sam'l & Co. (Ltd.), 57th st, Pittsburgh, Pa.

8400—Grinding Machines (Silex)

See Mills, Ball & Pebble

8401—Grinding Machines (Spiral Cutter)

Sloan & Chase Mfg. Co. (Also for Small Milling Cutters), 351 6th av, Newark, N. J.

8402—Grinding & Polishing Machines

GRINDING & POLISHING MACHINERY
SEND FOR CIRCULARS
NOBLE & WESTERBROOK MFG. CO.
HARTFORD, CONN.

See also Lathes, Buffing & Polishing; also Grinders, Various Kinds; also Polishing Machines

Barnes W. F. & Jno. Co. (Velocipede or Foot Power), Rockford, Ill.
Blount J. G. Co. (Grinding, Polishing & Buffing Machines Combined), Everett, Mass.

Diamond Machine Co. ("Diamond" Swing Frame), Providence, R. I.

Duisdieker Foundry & Mfg. Co., Pekin, Ill.
DOPP J. W. & CO. (Dealer), 1420 Dime Bk bldg, Detroit, Mich.

Hemming Bros. Co. (Automatic Cutlery & Gun Barrel), New Haven, Conn.

Kemp Jas N. Machine Works, Albany, N. Y.

Myers Machine Tool Co., Columbia, Pa.

Noble & Westbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Roth Bros. & Co. (Electric), 1400 W. Adams, Chicago, Ill.

Royersford Foundry & Machine Co., Royersford, Pa.

Safety Emery Wheel Co. (Swing Frame), Springfield, O.

Superior Corundum Wheel Co., Waltham, Mass.

Valley City Machine Works, Grand Rapids, Mich.

8403—Grommet Setting Machines

Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

8404—Grooving Machines

Chase Turbine Mfg. Co. ("Chase's" Automatic), Orange, Mass.

Walco Mfg. Corp. ("Esco"), Providence, R. I.

8405—Grubbing Machines

Caward R. S., Cresco, Ia.

Smith Mfg. Co., La Crosse, Wis.

8406—Gum Tape Machines

Extensive Mfg. Co., 90 West, New York

National Binding Machine Co., 260 West, New York

8407—Gun Barrel Reaming Machines

Diamond Machine Co. ("Diamond"), Providence, R. I.

Reed-Prentice Co., Worcester, Mass.

8408—Gun Barrel Turning Machines

Baush Machine Tool Co., Springfield, Mass.

Reed-Prentice Co., Worcester, Mass.

8409—Gun Powder Machinery

Devine J. P. Co., Buffalo, N. Y.

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Scott Olin (Est. of), Bennington, Vt.

Werner & Pfeiderer Co. (Smokeless), Saginaw, Mich. *See adv index at end of book*

8410—Gun Stock Machinery

Defiance Machine Works (Turning, Shaping & Inleting), Defiance, O.

8411—Gutter Forming Machinery

See also Conductor Pipe & Eave Trough Machinery

Double Truss Cornice Brake Co. ("Electric City"), Buffalo, N. Y.

8412—Gypsum Machinery

See also Plaster Mill Machinery

American Process Co., 68 William, New York

Atlas Engineering Co., Amherst, O.

See adv index at end of book

BARTLETT C. O. & SNOW CO., French st, Cleveland, O.

See adv index at end of book

Butterworth & Lowe, Grand Rapids, Mich.

Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kans.

McDonnell Boiler & Iron Works Co., Des Moines, Ia.

Manitowoc Engineering Works, Manitowock, Wis.

Sprout Waldron & Co., Muncy, Pa.

Union Engineering Co., 1616 Columbus rd, Cleveland, O.

8413—Gyrating Cleaning Machines

Huntley Mfg. Co. ("Monitor," for Grain), Silver Creek, N. Y.

8414—Hack Saw Machines

See also Saw Blades & Frames, Hack

Armstrong-Blum Mfg. Co. ("Marvel"), 337 N Francisco av, Chicago, Ill.

Atkins E. C. & Co. ("Kwik Kut"), Indianapolis, Ind.

Burroughs Tool Co. ("Burro"), 87 Warren, New York

Cleveland Block Co. (Power), 1173 W 11th, Cleveland, O.

Coats Machine Tool Co. ("Van Auken Duplex"), 30 Church, New York

DIAMOND SAW & STAMPING WORKS ("Sterling," also High Speed), 357 7th, Buffalo, N. Y.

See adv index at end of book

Ellis-Smith Mfg. Co. 216 Niagara, Buffalo, N. Y.

Extensive Mfg. Co. ("Simplex" Combination Bench Filer & Hack Saw), 90 West, New York

Goodell-Pratt Co., Greenfield, Mass.

Hoefer Mfg. Co., Freeport, Ill.

Massachusetts Saw Works (Portable & Power), Springfield, Mass.

Millers Falls Co. ("Star" Power), 28 Warren, New York

Myers Machine Tool Co., Columbia, Pa.

North Wales Machine Co., Inc. ("North Wales" Geared Power), North Wales, Pa.

Patterson Tool & Supply Co. ("Challenge"), Dayton, O.

Peerless Machine Co., Racine, Wis.

Pratt W. D. (Quick Return), Canton, O.

Quality Saw & Tool Works ("Napier" Power), Springfield, Mass.

Robertson W Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.

Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y.

See adv index at end of book

Strong, Carlisle & Hammond Co. (The "Victor" Power), 336 Frankfort av, N W, Cleveland, O.

Sweet & Doyle ("Victor" Power), Cohoes, N. Y.

Thompson H. G. & Son Co. ("Eureka," "Milford"), New Haven, Conn.

Track Necessities Co. ("Schmidt" Hand, for Rails, etc.), 343 S Dearborn, Chicago, Ill.

Van Auken C. E. ("Van Auken Duplex"), 216 N Clinton, Chicago, Ill.

West Haven Mfg. Co. ("Universal" & Acme"), West Haven, Conn.

Western Tool & Mfg. Co. ("Champion"), Springfield, O.

8415—Hair Washing Machines

Baker G. W. Machine Co., 218 French, Wilmington, Del.

Turner Tanning Machy Co., Peabody, Mass.

8416—Ham Branding Machines

Brecht Co., 1201 Cass av, St. Louis, Mo.

8417—Hand Bending Machines

Busch J. C. Co., 140 Ferry, Milwaukee, Wis.

Hinman D. A. & Co., Sandwich, Ill.

NIAGARA MACHINE & TOOL WORKS. (Sheet Metal), Buffalo, N. Y.

See adv index at end of book

Rock River Machine Co., Janesville, Wis.

8418—Hand Hole Cutting Machines

Chase Turbine Mfg Co., Orange, Mass.

Fischer Machine Works (Automatic for Wood), 1845 Carroll av, Chicago, Ill.

Jones Superior Machine Co. (For Wood), 1264 W North av, Chicago, Ill.

Rock River Machine Co., Janesville, Wis.

8419—Hand Shearing Machines

Braun J. G., 609 S Paulina, Chicago, Ill.

New Doty Mfg. Co., Janesville, Wis.

Niles-Bement-Pond Co., 111 B'way, New York

8420—Hand Stamp Makers' Machinery

Force W. A. & Co., 535 Pearl, New York

8421—Handle Blank Sawing Machines

Klotz Machine Co., Sandusky, O.

Trevor Mfg. Co. (Automatic), Lockport, N. Y.

8422—Handle Chucking & Boring Machines

Loetzer Valve & Mfg. Co. ("Booth" Automatic), Monroeton, Pa.

8423—Handle Polishing Machines

Defiance Machine Works (Automatic), Defiance, Ohio

Klotz Machine Co., Sandusky, O.

8424—Handle Scroll Machines

Klotz Machine Co., Sandusky, O.

8425—Handle Throating Machines

Klotz Machine Co., Sandusky, O.

8426—Handle Tumbling Machines

Trevor Mfg. Co., Lockport, N. Y.

Handle Turning Machinery

See Lathes, Handle Turning

8427—Hardware Machinery

Baird Machine Co. (Piano, Automatic), Bridgeport, Conn.

BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.

See adv index at end of book

Harron, Pickard & McCone, 139 Townsend, San Francisco, Cal.

Herrick & Cowell, New Haven, Conn.

8428—Harness Machinery

Campbell-Bosworth Mach. Co., 205 Lincoln, Boston, Mass.

Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.

International Harness Machinery Co., 708 Broadway, Cincinnati, O.

Randall J. D. Co., 610 W Court, Cincinnati, O.

Ross-Moyer Mfg. Co., Cincinnati, O.

Smith F. H. Mfg. Co., 3047 Carroll av, Chicago, Ill.

8429—Harness Riveting Machines

Rock Island Mfg. Co., Rock Island, Ill.

Smith F. H. Mfg. Co., 3047 Carroll av, Chicago, Ill.

8430—Harness Sewing Machines

Bauer Machine Co. (Lock Stitch, Wax Thread), Jeffersonville, Ind.
 Campbell-Bosworth Machine Co. (Lock Stitch Wax Thread), 205 Lincoln, Boston, Mass.
 Champion Shoe Machinery Co. 3727 Forest Park Blvd, St. Louis, Mo.
 Davis Sewing Machine Co., Dayton, O.
 International Harness Machinery Co. (Wax Thread), 708 Broadway, Cincinnati, O.
 Landis Mach. Co. (Wax Thread), 25th & Mullanphy, St. Louis, Mo.
 Puritan Mfg. Co., 121 Beach, Boston, Mass.
 Randall J. D. Co., 610 W Court, Cincinnati, O.

Harvesting Machinery

See Harvesters, Various Kinds

8431—Hatters' Machinery.

Almond David, 88 Warren, Newark, N. J.
 Butasky L., 44 E Houston, New York
 Clark Machine & Foundry Co. (Stamping Machines), Franklin, Mass.
 Cuming M. A. & Co., 43 Bleeker, New York
 Doran Bros., Danbury, Conn.
 Durbrow & Hearne Mfg Co, 12 Wooster, New York
 Ermold Edward Co. (The Printing Presses) 656 Hudson, New York
 Morlack Machine Works, Danbury, Conn.
 Muller Fred, 214 Lackawanna av, Newark, N. J.
 New Machine Co., Danbury, Conn.
 Newark Hat Block & Machine Co., 320 Ogden, Newark, N. J.
 Turner Machine Co. (Also Hatters' Supplies), Danbury, Conn.

8432—Hay Unloading Machinery

MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

8433—Heading Chipping Machines

Oram John S. Co., Cleveland, O.

8434—Heading Jointer & Doweling Machines

Oram John S. Co., Cleveland, O.

8435—Heading Jointing Machines

Rochester Barrel Mach. Works, Rochester, N. Y.

8436—Heading Rounding Machines

Oram John S. Co., Cleveland, O.

8437—Heading Turning Machines

Rochester Barrel Mach. Works, Rochester, N. Y.

8438—Heading, Upsetting & Forging Machines (Combined)

Ajax Mfg. Co., Cleveland, O.

8439—Heading & Shingle Sawing Machines

Oram John S. Co., Cleveland, O.
 Rochester Barrel Machine Works (Pendulous), Rochester, N. Y.

8440—Heating Machines

See also Furnaces, Annealing & Case Hardening

American Gas Furnace Co. (For Hardening Annealing, etc), 24 John, New York
 Rockwell W. S. Co., 50 Church, New York. *See adv index at end of book*

8441—Heel Building Machines

United Shoe Machinery Co. ("Boss"), 205 Lincoln, Boston, Mass.

8442—Hide Stamping Machines

Slocumb F. F. & Co., 14th & Poplar, Wilmington, Del.

8443—Hide & Leather Working Machinery

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co., 218 French, Wilmington, Del.
 Boyle John & Co. (Shaving Machine), Peabody, Mass.
 Evans' John Sons, 506 N 13th, Phila., Pa.
 Hemingway Machine Co., Lynn, Mass.
 Hide & Leather Wrkg. Machine Co. (Tanning & Currying Machines, Unhairing Machines, Parts, Tools, etc), 859 Grand Blvd, Milwaukee, Wis.
 Holmes Chas. Leather Working Machinery Co., Cambridge, Mass.
 Hutchinson Leather Machine Co., Winchester, Mass.
 Layman A. C. Machine Co., 11th & Lombard, Wilmington, Del.
 Loy & Nawrath, 25 Runyon, Newark, N. J.
 Martin Wm. F. (Tan Presses, Finishing Machines, etc), Salem, Mass.
 Munkwitz Edw. H. Co., 159 Muskego av, Milwaukee, Wis.
 Newark Leather Machinery Co., 127 N J R R av, Newark, N. J.
 Slocumb F. F. & Co. (Staking & Glazing Machines, etc), 14th & Poplar, Wilmington, Del.
 Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
 Turner Tanning Machinery Co., Peabody, Mass.
 Woburn Machine Co., Woburn, Mass.

8444—Hinge & Butt Machinery

Baird Machine Co. (Semi-Automatic & Automatic), Bridgeport, Conn.
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*
 Erie Forge Co. (Stamp), Erie, Pa.
 Ferracute Machine Co., Bridgeton, N. J.
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Hod Hoisting Machines

See Elevators, Hod

8445—Hoe Rolling Machines

Birmingham Iron Foundry, Derby, Conn.

8446—Hog & Beef Casing Cleaning Machines

Allbright-Neil Co., 5323 Western Blvd, Chicago, Ill.

Hogshead Trussing Machines

See Barrel Trussing Machines

8447—Hoisting Machinery

See also Cranes; also Derricks; also Engines, Hoisting; also Hoists of Various Kinds

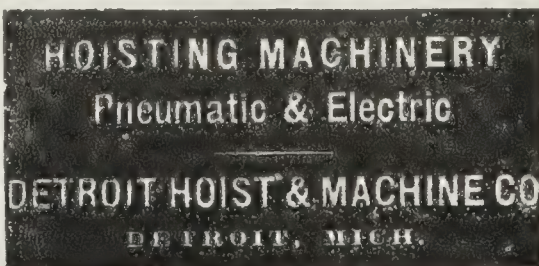
Browning Victor R. & Co., 17701 Lake Shore Blvd, Cleveland, O.
See adv index at end of book

Clover Leaf Machine Co., 1721 So Franklin, So. Bend, Ind.

LIDGERWOOD MFG. CO., 96 Liberty, New York. *See adv index at end of book*
 Mundy J. S. Hoisting Engine Co., 722 Frelinghuysen av, Norwalk, N. J.
See adv index at end of book

8448—*Hoisting Machinery (Pneumatic & Electric)

DETROIT HOIST & MACHINE CO., Detroit, Mich. *See adv index at end of book*



WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.
See adv index at end of book

8449—Hole Grinding Machines

Garvin Machine Co., 147 Varick, New York

Hollow Building Block Machinery

See Clay Building Block Machinery; also Concrete Building Block Machinery

8450—Hollow Chisel Mortising Machines

Defiance Machine Works, Defiance, O.
 Fay J. A. & Egan Co. (Vertical), Cincinnati, O.

8451—Hominy Machinery

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill

8452—Honey Comb Foundation Machines.

Root A. I. Co., Medina, O.

8453—Hook Bending Machines

AMERICAN CAN CO. (Machinery Dept.), (Single & Double Rail Hook; Former for Lard Pails, Paint Buckets, etc), Monroe bldg, Chicago, Ill.
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8454—Hook & Eye Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
 Manville E. J. Mach. Co., Waterbury, Conn.
 Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.
 Special Machinery Co. (Automatic), Bridgeport, Conn.

8455—Hook & Eyelet Setting Machines

Smith F. H. Mfg. Co. ("Universal" Hand & Foot Power), 3047 Carroll av, Chicago, Ill.

Hoop Driving Machines

See Barrel Hoop Driving Machines

8456—Hoop Flaring, Punching & Shearing Machines

Glader Wm. ("Glader's" for Heavy Work), 210 N Ann, Chicago, Ill
 Oram John S. Co., Cleveland, O.
 Rock River Machine Co., Janesville, Wis.

8457—Hoop Machinery

See also Barrel Machinery

Defiance Machine Works, Defiance, O.
 Rochester Barrel Machine Works (Hoop, Cutters, etc.), Rochester, N. Y.
 Stevens C. H. (Est. of) (Shavers, etc), Winooski, Vt.

8458—Hoop Nailing Machines

Clough & Witt Machine Co., 1740 Columbus, Cleveland, O.
 Grammes L. F. & Sons, Allentown, Pa.
 Holmes E. & B. Machinery Co., Buffalo, N. Y.

8459—Hoop Punching Machines

Glader Wm. ("Glader's" Automatic), 210 N Ann, Chicago, Ill.
 Oram John S. Co., Cleveland, O.
 Rock River Machine Co., Janesville, Wis.

8460—Hoop Riveting Machines

Glader Wm., 210 N Ann, Chicago, Ill.
 Oram John S. Co., Cleveland, O.
 Rock River Machine Co., Janesville, Wis.

8461—Hoop Stapling Machines

Holmes E. & B. Machinery Co., Buffalo, N. Y.
 St. Joseph Iron Works, St. Joseph, Mich.

8462—Horn Working Machinery

Cook F. H. & Co., Leominster, Mass.

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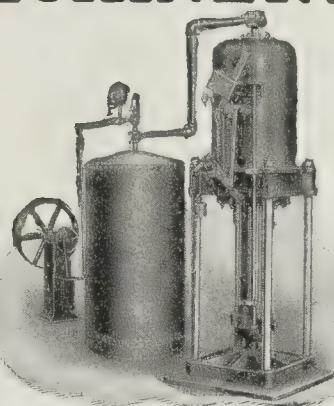
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8463—Horse Clipping Machines

See also Clippers, Horse; also Sheep Shearing Machines

American Shearer Mfg. Co. ("Priest's"), Nashua, N. H.

Chicago Flexible Shaft Co. ("Stewart" Ball Bearing), 608 N La Salle av, Chicago, Ill.

Coates Clipper Mfg. Co. ("Coates" "Yankee," "Bay State," "Champion," "Spider," "Sport" Flexible Shaft, Electric, etc), Worcester, Mass.

Gillette Clipping Machine Co., 129 W 31st, New York

Packer & Sons, La Grange, Ill.

Reliable Elec. Co., 411 Sangamon, Chicago, Ill.

Taber Pump Co., 291 Elm, Buffalo, N. Y.

Stow Mfg. Co., Binghamton, N. Y.

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Sturtevant B. F. Co., 15 Damon, Hyde Park, Boston, Mass.

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8464-5—Horse Collar Machinery

See also Harness Machinery

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Randall J. D. Co., 610 W Court, Cincinnati, O.

8466—Horseshoe Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

Remington Machine Co., 411 E Front, Wilmington, Del.

8467—Hose Machines (Rubber Mill)

Adamson Machine Co., Akron, O.

Birmingham Iron Foundry, ("Birmingham"), Derby, Conn.

Farrel Fdry & Machine Co., Ansonia, Conn.

New England Butt Co., 304 Pearl, Providence, R. I.

8468—Hot Forge Nut Machines

National Machinery Co., Tiffin, O.

8469—Hot Rolled Stock Straightening & Cutting Machinery (Automatic)

SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. See adv index at end of book

8470—Hot Sawing Machines

See also Cold Saw Cutting-Off Machines

Ajax Mfg. Co., Cleveland, O.

American Saw Works, Hackettstown, N. Y.

Billings & Spencer Co. ("B. & S."), Hartford, Conn.

Espen-Lucas Machine Works (High Speed, etc), 21 Girard av, Phila., Pa.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hunter Saw & Mach. Co. (Saw blades), 57th & Butler, Pittsburgh, Pa.

Mackintosh, Hemphill & Co. (Horizontal, for Rolling Mill, etc.), Pittsburgh, Pa.

MESTA MACHINE CO., Pittsburgh, Pa.

See adv index at end of book

National Roll & Foundry Co., Avonmore, Pa.

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

United Engineering & Foundry Co. (Sliding, Swinging & Stationary Saw for rolling Mills), 307 5th av, Pittsburgh, Pa.

8471—Hub Boxing Machines

Bentel & Margedant Co., Hamilton, O.

Silver Mfg. Co. ("Dole" & "Silver"), Salem, O.

8472—Hub Mortising & Boring Machines

Defiance Machine Works (Plain & Hollow Chisel), Defiance, O.

8473—Hub, Spoke & Rim Machinery

Bentel & Margedant Co., Hamilton, O.

Cordesman-Rechtin Co. (Boring), Butler, Cincinnati, O.

Defiance Machine Works, Defiance, O.

Empire Machine W'ks (Spoke Only), Mt. Morris, N. Y.

Fay J. A. & Egan Co., Cincinnati, O.

Kane & Roach (Boring), Syracuse, N. Y.

Ober Mfg. Co. (Spoke), Chagrin Falls, O.

Silver Mfg. Co. (Tenon Machines), Salem, O.

Smith Phillip Mfg. Co., Sidney, O.

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

8474—Hulling Machines (Buckwheat)

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Hydrating Machines

See Lime Hydrating Machinery

Hydraulic Machinery

See Accumulators, Hydraulic; Cranes, Hydraulic; Dredging Machinery, Hydraulic; Gauges, Hydraulic; Hydraulic Rams; Jacks, Hydraulic; Lifts, Hydraulic; Presses, Hydraulic; Various Kinds; Pumps, Hydraulic; Punches, Hydraulic; Riveting Machines, Hydraulic; Etc.

8475—Ice Chipping Machines

Schmidt B. L. Co., Davenport, Ia.

8476—Ice Cream Biscuit Machines

Union Machine Works & Iron Foundry, 1821 S Water, Phila, Pa.

8477—Ice Cream Machines

See also Freezers, Ice Cream

Allman Gas Engine & Machine Co. ("Champion"; also Ice Cream Machine & Ice Breaker Combined), 461 Canal, New York

Erny Henry, 75 Fulton, New York

8478—Ice Crushing Machines

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

8479—Ice Cube Cutting Machines

Reinhold Mfg. Co. ("Jumbo," "Gem"), Detroit, Mich.

Schwenker W. M., 342 E 92d, New York

8480—Ice Cutting Machines

Jennings C. E. & Co. ("Chandler's"), 71 Murray, New York

Ice Elevating Machinery

See Ice Handling Machinery

8481—Ice Handling Machinery

Atlanta Mfg. & Supply Co., Atlanta, Ga.

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Gifford-Wood Co., Hudson, N. Y.

Grote F. Mfg. Co. (Hoists), Evansville, Ind. See adv index at end of book

JEFFREY MFG. CO., 961 N Fourth, Columbus, O.

See adv index at end of book

LINK-BELT CO. (Ice Runs, Ice Chains), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. See adv index at end of book

Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

Schultz A. L. & Son (For Ice Harvesting), 1675 Elston av, Chicago, Ill.

Webster Mfg. Co., Tiffin, O.

8482—Ice Machines (Family)

Germania Refrigerator & Machinery Co., Belleville, Ill.

Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.

Stevens Mfg. & Supply Co. ("Raplin Hand"), 343 S Dearborn, Chicago, Ill.

8483—Ice Machines (Portable)

Baker Ice Machine Co., Omaha, Neb.

Brunswick Refrigerating Co., New Brunswick, N. J.

Fisher Machine Works Co., Leavenworth, Kans.

Portsmouth Engine Co., ("Jack Frost"), Small 2 to 10 Tons, Portsmouth, O.

Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.

United Iron Works Co., Springeld, Mo.

Yerk Mfg. Co., York, Pa.

8484—Ice Recording Machines

Stevenson Cold Storage Door Co., Chester, Pa.

8485—Ice & Refrigerating Machines

American Carbonic Machinery Co., Grand Rapids, Wis.
 American Machine & Mfg. Co., Greenville, S. C.
 Armstrong Machinery Co. ("Spokane," "Alaskan," "Silverian"), Spokane, Wash.
 Arctic Ice Machine Co. (Raw & Distilled Water), Canton, O.
 Automatic Refrigerating Co. (Automatic), Hartford, Conn.
 Baker Ice Machine Co. (2 to 50 Ton, also Making Clear Ice from Rain Water), Omaha, Neb.
 Bell & Wildman, 619 Upshur, Portland, Ore.
 Boland Machinery Co. ("20th Century"), 552 W Vanburen, Chicago, Ill.
 Bouchard Jno. & Sons Co., Nashville, Tenn.
 Brecht Co., 1201 Cass av, St. Louis, Mo.
 Brunswick Refrigerating Co., New Brunswick, N. J.
 Buffalo Refrigerating Machine Co., 126 Liberty, New York
 Carbondale Machine Co. ("The Hendrick"), Carbondale, Pa.
 Clothel Co. (Low Pressure), 61 Broadway, New York.
 Columbus Iron Works (Absorption System), Columbus, Ga.
 Creamery Package Mfg. Co. ("Barber"), 61 W Kinzie, Chicago, Ill.
 De La Vergne Machine Co., ft E 138th, New York
 Detroit Heating & Refrigerating Co., Detroit, Mich.
 Fisher Machine Works Co. (1/4 to 60 Tons), Leavenworth, Kans.
 Frick Co., Waynesboro, Pa.
 Great Lakes Engineering Works, Detroit, Mich.
 Harris Ice Machine Works, 174 E Water, Portland, Ore.
 Huetteman & Cramer Co., Mack & Beau-fait, Detroit, Mich.
 Ice & Cold Machine Co., 3003 N Broadway, St. Louis, Mo.
 Isko, Inc. (Electrical), Detroit, Mich.
 Jarvis Engineering Co., 261 Franklin, Boston, Mass.
 Johns H. W.-Manville Co. ("Audiffren-Singrun" Refrigerating Machines), Madison av & 41st, New York
 Kroeschell Bros. Ice Machine Co., 472 W Erie, Chicago, Ill.
 Macdonald Engineering Co., 53 W Jackson blvd, Chicago, Ill.
 Maynard J. F. (For Brewers, Packers, Confectioners & Dairies), 116 Geyer av, St. Louis, Mo.
 Murray Iron Works Co., Burlington, Ia.
 National Machine Co., 686 National av, Milwaukee, Wis.
 Niebling F. W. Co., Norwood, Highland av, Cincinnati, O.
 Ott Geo, F., 209 Buttonwood, Phila., Pa.
 Peerless Ice Machine Co., 72 W. Adams, Chicago, Ill.
 Portsmouth Engine Co. ("Jack Frost," Small 2 to 10 Tons), Portsmouth, O.
 Rebsamen & Almeroth, 2324 Elston av, Chicago, Ill.
 Remington Machine Co., 411 E Front, Wilmington, Del.
 Roelker, H. B. ("Allen" Dense Air Ice Machines), 41 Maiden la, New York
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
 Schwenker W. M., 342 E 92d, New York
 Shipley Const. & Supply Co., ft of Warren, Brooklyn, N. Y.
 Steele & Condict, 74 Pearl, Jersey City, N. J.
 Triumph Ice Machine Co. ("20th Century Tangye"), Oakley, Cincinnati, O.
 United Iron Works, Oakland, Cal.
 United Iron Works Co. (1/4 to 50 Tons per Day), Springfield, Mo.
 Van Zandt-Moore Iron Works, Fort Worth, Tex.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*
 Vogt Henry Machine Co., Louisville, Ky.
 Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.
 Wegner Machine Co., Buffalo, N. Y.
 Westinghouse Machine Co. ("Westinghouse-Leblanc" For Marine Works), E Pittsburgh, Pa.
 Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
 York Mfg. Co., York, Pa.

8486—Incandescent Lamp Making Machinery

Dwyer Machine Co., Lynn, Mass.
 York Electric & Machine Co., 45 B'way, New York

8487—Incline Machinery

Stine S. B., Osceola Mills, Pa.

Ink Grinding Machines

See Mills, Ink Grinding

Insulating Machinery

See Wire & Cable Insulating Machinery

8488—Insulator Pin, Bracket & Cross Arm Machinery

Defiance Machine Works, Defiance, O.
 Wheland Co., Chattanooga, Tenn.

8489—Ironing Machines

Adams Laundry Machinery Co. (Steam or Gas, "Monarch," "Rex," "Style A"), Troy, N. Y.
 Domestic Laundry Equipment Corp. ("Domestic," "Simplex"), 223 W 26th, New York

8490—Ironing Machines (Household)

American Ironing Machine Co. ("Simplex"), 166 N Michigan, Chicago, Ill.
 American Wringer Co., 99 Chambers, New York
 Bergham & Roberg, 218 N Jefferson, Chicago, Ill.
 Chicago Dryer Co., 630 S Wabash av, Chicago, Ill.
 Domestic Laundry Equipment Corp. ("Domestic," "Simplex"), 223 W 26th, New York
 Horton Mfg. Co., Fort Wayne, Ind.
 Hurley Machine Co. ("Thor" Electric), 29 S Clinton, Chicago, Ill.
 Modern Laundry Equipment Co., 717 Sycamore, Cincinnati, O.

Irrigating Machinery

See Pumps, Irrigating

Jar Ring Machines

See Lathes, Jar Ring

8491—Jarring Machines

See Molding Machines, Foundry

8492—Jewelers' Machinery

American Tool & Machine Co. (Centrifugal Dryers for Small Pieces that have been Coated, Dipped, Japanned, Painted, Plated or Washed), 16 High, Boston, Mass.
 Buffalo Machine Mfg. Co., Buffalo, N. Y.
 Gesswein F. W. Co., 16 John, New York
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.
 Leiman Bros., 62 John, New York
 Moseley Lathe Co., Elgin, Ill.
 Ruesch H. J. Machine Co., 407 Mulberry, Newark, N. J.
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
 Standard Machinery Co., Providence, R. I.
 Wisconsin Elec. Co. (Lathe Motors, Elec. "Dumore"), Racine, Wis.
See adv index at end of book
 Worthington & Raymond, (Jobbers), 47 John, New York

8493—Jewelers' & Opticians' Machines & Tools

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
 Bausch & Lomb Optical Co. (Opticians Only), Rochester, N. Y.
 General Optical Co., 538 First av, New York
 Langelier Mfg. Co., Arlington, Providence, R. I.
 Reisner W. H. Mfg. Co., Hagerstown, Md.
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.
 Wisconsin Elec. Co. ("Dumore," Elec.), Racine, Wis. *See adv index at end of book*
 Worthington & Raymond, (Jobbers), 47 John, New York

8494—Joggling Machines for Shipyards

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*
MORGAN ENGINEERING CO. (Electric, with Hand Crane), Alliance, O.
See adv index at end of book

8495—Joggling Machines (Plate)

HILLES & JONES CO., East Wilmington, Del. *See adv index at end of book*

8496—Joint Wiping Machines

United Brass Mfg. Co., 3844 Hamilton av, Cleveland, O.

8497—Jointing Machines

Bicknell Mfg. & Supply Co. (With Extended Arbor for Attachments), Janesville, Wis.
 Jones Superior Machine Co. (Hand, etc), 1264 W. North av, Chicago, Ill.
 Kane & Roach (Wood), Syracuse, N. Y.
 Myers Machine Co. (Wood), Sheboygan, Wis.
 Porter C. O. Machinery Co., Grand Rapids, Mich.
 Silver Mfg. Co. (Power), Salem, O.
 Smith & Phillips Mfg. Co. (Edge Jointing & Shaping), 412 N Sangamon, Chicago, Ill.
 Yates P. B. Machine Co., Beloit, Wis.

8498—Jointing Machines (Cutter Head)

Shimer Samuel J. & Sons, Milton, Pa.

8499—Jolly Machines for Stoneware, Etc.

Williams Foundry & Machine Co., of Ohio, Akron, O.

8500—Jolt Molding Machines

See Molding Machines

8500a—*Kaolin Dissolving Machines

Werner & Pfeiderer Co., Saginaw, Mich.
See adv index at end of book

8501—Keel Plate Bending Machines (Hydraulic)

MORGAN ENGINEERING CO., Alliance, Ohio *See adv index at end of book*

Keg Machinery

See Barrel, Keg, Stave & Heading Machinery

8502—Keg Scrubbing Machines

Danner Adam Co., Yonkers, N. Y.
 Eureka Machine Shop, Cleveland, O.
 Ideal-Peerless Mfg. Co., Cleveland, O.
 Kaestner & Hecht Co., 500 Throop, Chicago, Ill.
 Olsen & Tilgner Mfg. Co., 2280 Elston av, Chicago, Ill.
 Zoller Chas Co., 211 E 94th, New York

Keg Washing Machines

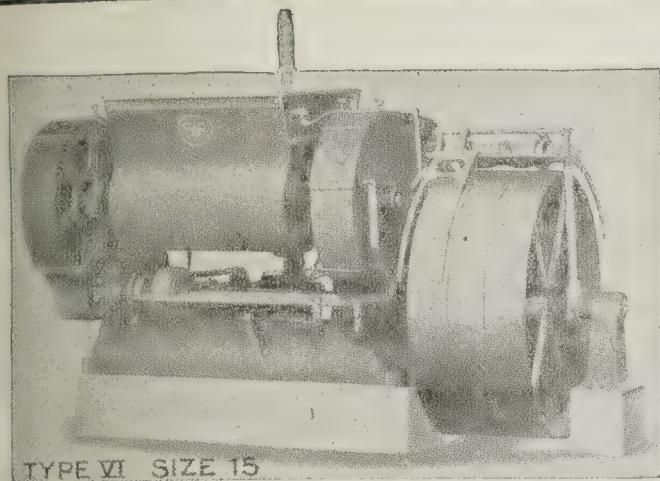
See Barrel Washing Machines

8503—Key Cutting Machines

Corbin Cabinet Lock Co. ("Corbin" Automatic Duplicating), New Britain, Conn.
 Gussman Key Cutting Machine Co., 1 Madison av, New York
 Harrison & Co. ("Harrison, M. I. P." for Keys), 81 New, New York

8504—Key-Seating Machines

Armstrong Mfg. Co. ("Hub"), Waterloo, Ia.
 Baker Bros. ("Colburn"), Toledo, O.
 Burr John T. & Son, 429 Kent av, Brooklyn, N. Y.
 Crompton & Knowles Loom Works, Worcester, Mass.
 Davis Mach. Tool Co., Rochester, N. Y.
 Mercury Machine Co. ("Lake," Portable), 2127 N Broad, Phila., Pa.
 Mitts & Merrill ("Giant"), 1939 S Water, Saginaw, Mich.



TYPE VI SIZE 15

"Universal" Kneading and Mixing Machines

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Cleveland:
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San Francisco:
Pacific Bldg.

Morton Mfg. Co. (Stationary & Portable Key Way Cutters), Muskegon, Mich.
National Machine Tool Co. ("Miller," "National"), Cincinnati, O.
Niles-Bement-Pond Co., 111 B'way, New York
Pawtucket Mfg. Co. ("Knowles"), Pawtucket, R. I.
Ryerson Jos. T. & Son (Portable Automatic), 2558 W 16th, Chicago, Ill.
Union Twist Drill Co. ("Woodruff," Key-way Cutters), Athol, Mass.
Wheland Co. ("Catlin"), Chattanooga, Tenn.
Whitney Mfg. Co. ("Whitney" Adopted For Woodruff System), Hartford, Conn.

8505—Kindling Wood Machinery

See also Sawing & Splitting Machinery
American Sawmill Machinery Co., Hackettstown, N. J.
Atkins E. C. & Co., Indianapolis, Ind.
Badger Gas & Gasoline Engine Co., Kansas City, Kans.
Curtis & Co. Mfg. Co. (Cord-Wood Sawing Machines), 1571 Kienlen av, St. Louis, Mo.
Duplex Mfg. Co., Superior, Wis.
Fay J. A. & Egan Co., Cincinnati, O.
Hildreth Bros. (Splitting), Harvard, Mass.
Schramm Chris. D. & Son (Cordwood Sawing Machines), 308 N. 4th, Phila., Pa.

8506—Kneading & Mixing Machines

Day Jas. H. Co., Cincinnati, O.
Lynn-Superior Co., Cincinnati, O.
Ross Chas. & Son Co. (For Putty, Dough & Rubber, etc), 148 Classon av, Brooklyn, N. Y.
Stuart & Peterson Co., Burlington, N. J.
WERNER & PFLEIDERER CO. ("Universal," for Food, Chemicals, etc), Saginaw, Mich.
See adv index at end of book

8507—Knife Balancing Machinery

Bentel & Margendant Co., Hamilton, O.
Fay J. A. & Egan Co., Cincinnati, O.
Yates P. B. Machine Co., Beloit, Wis.

8508—Knife Polishing & Buffing Machines

Clizbe Bros. Mfg. Co., Plymouth, Ind.

Knitting Machinery

See Textile Machinery; for page number consult Index of Contents

Kraut Cutting Machines

See Cutters, Kraut

8509—Label Cutting & Folding Machines

Rose Label Machine Co., Middicomb bldg, Grand Rapids, Mich.

8510—Label Varnishing Machines

Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.

8511—Labeling Machines

Anderson E. D., 101 Park av, New York
BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*
Boston Bottle Wiring & Labeling Co. ("Empire," "Eureka," "Enterprise" Bottle Labeling Machines; also Hand Pasting Devices), 23 Wormwood, Boston, Mass.
Burt Machine Co. (Can, etc), 403 E Oliver, Baltimore, Md.
Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.
Economic Machinery Co. ("World"), Worcester, Mass.
Ermold Edw. Co. (Bottle), 656 Hudson, New York
Extensive Mfg. Co., 90 West, New York
Knapp Fred H. Co., Lexington St. bldg, Baltimore, Md.
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.
Leffler Chas. & Co. ("Brooklyn" Bottle, Can & Package Imp), 59 Clymer, Brooklyn, N. Y.
See adv index at end of book
Morrall Bros. ("Morrall" Can, etc), Morrall, Ohio
National Labeling Machine Co., 342 Vernon av, Long Island City, N. Y.
Robins A. K. & Co. ("Hammond Can"), 116 Market pl, Baltimore, Md.
Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.
Standard Automatic Machine Co. (For Boxes, Bottles, Cans, Tubes, etc), Rochester, N. Y.
U. S. Bottlers Machinery Co. ("Ermold" Bottle), 1053 W. Lake, Chicago, Ill.
Weiscopef L. Co. (For Bottle or Cans), 30 Church, New York
Wissler A. (Any Size & Purpose), B'way & Wash av, St. Louis, Mo.
Wizard Co. ("Wizard" for Merchandise, etc), 179 Summer, Boston, Mass.

8512—Laboratory Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Colton Arthur Co., Jefferson & Chene, Detroit, Mich.
Day J. H. Co., Cincinnati, O.
Hall A. M. Co., Indianapolis, Ind.
Patterson Foundry & Machine Co., East Liverpool, O.

8513—Lacquering Machines

See also Can Lacquering Machine
Ohl Geo. A. & Co. (For Tin, Metal & Card-board, etc), 157 Oration, Newark, N. J.

8514—Lag Screw Threading Machines

Cook Asa S. Co., Hartford, Conn.
Landis Machine Co., Waynesboro, Pa.

8515—Lamp Burner Machinery

Baird Machine Co. (Automatic), Bridgeport, Conn.
Nilsson A. H. Machine Co. (Automatic), Bridgeport, Conn.

8516—*Land Clearing Machinery

LAND-CLEARING MACHINERY
STEAM
MANUFACTURED BY
CLYDE IRON WORKS
DULUTH, MINN.

8517—Lapping Machines

See also Textile Machinery
Builders' Iron Foundry ("Builders"), 9 Coddington, Providence, R. I.
LeBlond R. K. Mach. Tool Co., Cincinnati, Ohio
Mitts & Merrill (For Band Saws), 1939 S Water, Saginaw, Mich.
Pratt & Whitney Co., Hartford, Conn.
R. I. Braiding Machine Co., 228 Aborn, Providence, R. I.

8518—Lard Cooling Machines

Black-Clawson Co., Hamilton, O.

8519—Lard & Butter Pail Machinery (Sheet Metal)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

8520—Last Machinery

Kimball Bros. & Sprague, Brockton, Mass.

8521—Lath Mill Machinery

Abbott D. S. Co., Olean, N. Y.
American Saw Mill Machinery Co., Hackettstown, N. J.
American Wood Working Machinery Co., Rochester, N. Y.
Bartlett A. F. & Co., Saginaw, Mich.
Butterworth & Lowe (Sheathing, Lath, etc.), Grand Rapids, Mich.
Challoner Co., Oshkosh, Wis.
Chapman's T. M. Sons Co. (Gang Machines), Old Town, Me.
Chase Turbine Mfg Co., Orange, Mass.
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
Diamond Iron Works, 2nd & 18th av, N, Minneapolis, Minn.
Garland M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, 1939 S Water, Saginaw, Mich.
Newman Machine Co., Greensboro, N. C.
Smith Myers & Schnier Co., 621 W Front, Cincinnati, O.
Stearns Co., Erie, Pa.
Union Iron Works, Bangor, Me.
U. S. Machine Co., Williamsport, Pa.
Wheland Co., Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
See adv index at end of book

8522—Laundry Machinery

See also Laundry Dryers, Tubs, etc
 Adams Laundry Machinery Co. (Washers, etc), Troy, N. Y.
 American Ironing Machine Co. ("Simplex" Ironer), 166 N Michigan, Chicago, Ill.
 American Laundry Machinery Co. (Mangles, Cylinder Washers, etc), 1800 N Spaulding av, Chicago, Ill.
 American Machinery Co., Atlanta, Ga.
 American Mangle & Roller Co., Racine, Wis.
 American Wringer Co. (Laundry, Power & Hand Wringers, Mangles, Washing Machines, etc), 99 Chambers, New York
 Asher Mfg. Co., Willimantic, Conn.
 Atlas Laundry Machinery Co. ("C. & C." Ironers, "Hercules" Mangles, etc.), 6th & Baymiller, Cincinnati, O.
 Bishop Geo. H. ("C. & C." Starchers & Specialties), 550 W Washington, Chicago, Ill.
 Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.
 Chicago Laundry Machinery Co. ("Floran" Seam Dampeners, Fold Collar Shaper & Edger, "C. & C." Edgers), 213 W Grand av, Chicago, Ill.
 Cleveland Laundry Machy Mfg. Co., 5184 Fowler av, S E, Cleveland, O.
 Columbia Mfg. Co. ("Hurry" Dryers, "F" & "C. & C." Ironers, etc.), Columbia, Pa.
 Consolidated Hospital Supply & Laundry Machine Co., Saugatuck, Conn.
 Detroit Laundry Machine Co., Detroit, Mich.
 Domestic Laundry Equipment Corp., 228 W 26th, New York
 Electro Chemical Co., Dayton, O.
 Empire Laundry Machinery Co., 352 West-ern av, Boston, Mass.
 Fritz Geo. J. Fdry & Mach. Co., 2018 S 3rd, St. Louis, Mo.
 Harvey W. W. & Son, Constantine, Mich.
 Heim Machine Co., Danbury, Conn.
 Interstate Machinery Co., Troy, N. Y.
 Lovewell-Henricl Co. ("Henricl" Extractors, Dampening Presses, etc.), Chelsea, Mass.
 Lutes-Sinclair Co., Benton Harbor, Mich.
 Mateer F. W. & Co. (Extractors, C. & C. Ironers, Cylinder Washers, etc), 222 W Ontario, Chicago, Ill.
 National Chemical Co. (Starch Com-minutors), Syracuse, N. Y.
 Oakley & Keating, 673 Manhattan av, Brooklyn, N. Y.
 Paragon Mfg. Co., 2427 W 14th, Chicago, Ill.
 Phillips Wm. & Co., Northville, Mich.
 Poland Laundry Machinery Co., 47 Kem-ble, Boston, Mass.
 Reed Mfg. Co. (Collar Shapers), Erie, Pa.
 Stebbins Mfg. Co., Denver, Colo.
 Tolhurst Machine Works, Troy, N. Y.
 Triumph Laundry Machinery Co., Ham-ilton, O.
 Triumph Mfg. Co., 500 Delaware, Kansas City, Mo.
 Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.
 Watts Laundry Machine Co., Willimantic, Conn.
 Western Laundry Machinery Co., 416 Mis-sion, San Francisco, Cal.
 Willey Co., 1222 Race, Phila., Pa.
 Windsor Locks Mach. Co., Windsor Locks, Conn.
 Zeidler Wm. A. Co., 401 E 163d, New York

8523—Laundry Marking Machines

American Machinery Co. ("Monarch"), At-lanta, Ga.
 Hume Mfg. Co., Kansas City, Kans.
 Lang J. A. & Sons, 280 Dover, Boston, Mass.
 National Marking Machine Co., 1054 Gil-ber, Cincinnati, O.

8524—Leach Casting Machines

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

8525—Lead Pipe & Trap Machinery

Farrel Foundry & Machine Co. (Lead Pipe), Ansonia, Conn.
 Robertson Jno. & Co. (Also for Sheet Lead, etc.), 133 Water, Brooklyn, N. Y.

8526—Leather Blacking Machines

Turner Tanning Mach'y Co. (For Color-ing, Staining, Gumming, Pasting, etc), Peabody, Mass.

8527—Leather Eleaching Machines

Turner Tanning Mach'y Co., Peabody, Mass.

8528—Leather Board Machines

Noble & Wood Mach. Co., Hoosick Falls, N. Y.

8529—Leather Brushing Machines

Baker G. W. Machine Co., 218 French, Wilmington, Del.
 Turner Tanning Mach'y Co., Peabody, Mass.

8530—Leather Buffing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Naumkeag Buffing Machine Co., Beverly, Mass.
 Turner Tanning Mach'y Co., Peabody, Mass.

8531—Leather Creasing Machines

Osborne C. S. & Co., Harrison, N. J.
 Randall J. D. Co., 610 W Court, Cincin-nati, O.

8532—Leather Cutting Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.

8533—Leather Drying Machines

Devine J. P. Co., Buffalo, N. Y.
 Slocomb F. F. & Co., 14th & Poplar, Wil-mington, Del.

8534—Leather Embossing Machines

Grammes L. F. & Sons, Allentown, Pa.
 Hydraulic Press Mfg. Co., Mt. Gilead, Ohio
 Logeman Bros. Co. (Hydraulic), 130 Bur-leigh, Milwaukee, Wis.
 Osborne C. S. & Co. (Harness Makers, etc.), Harrison, N. J.
 Randall J. D. Co., 610 W Court, Cincin-nati, O.
 United Shoe Machinery Co. ("U. S. M. C."), Boston, Mass.

8535—Leather Finishing Machines

Martin Wm. F., Salem, Mass.

8536—Leather Fleshing & Slating Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co. ("Wilmington" Roller), 218 French, Wilmington, Del.
 Hutchinson Leather Machine Co., Win-chester, Mass.
 Turner Tanning Mach'y Co., Peabody, Mass.
 Whitney Machine Co., Winchester, Mass.

8537—Leather Glazing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co., 218 French, Wilmington, Del.
 Slocomb F. F. & Co., 14th & Poplar, Wil-mington, Del.
 Turner Tanning Mach'y Co., Peabody, Mass.

8538—Leather Measuring Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co. ("Sawyer's"), 218 French, Wilmington, Del.
 Nightingale J. E., Danvers, Mass.
 Ross-Mayer Mfg. Co., 1423 Olive, St. Louis, Mo.
 Tufting Machine Supply Co., Detroit, Mich.
 Turner Tanning Mach'y Co. ("Turner-Sawyer" Improved), Peabody, Mass.
 Union Leather Measuring Machine Co., Davenport, Mass.

8539—Leather Punching Machines

Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.
 Randall J. D. Co., 610 W Court, Cincin-nati, O.

8540—Leather Putting-Out Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Hutchinson Leather Machine Co., Win-chester, Mass.
 Turner Tanning Machinery Co., Peabody, Mass.
 Whitney Machine Co., Winchester, Mass.
 Woburn Machine Co., Woburn, Mass.

8541—Leather Rolling & Stoning Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co., 218 French, Wilmington, Del.
 Quarumby & Hilliker, Lyon, Mass.

8542—Leather Scrubbing Machines

Turner Tanning Mach'y Co., Peabody, Mass.

8543—Leather Seasoning Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Slocomb F. F. & Co., 14th & Poplar, Wil-mington, Del.

8544—Leather Setting & Stoning-Out Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co., 218 French, Wilmington, Del.

8545—Leather Shaving Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co., 218 French, Wilmington, Del.
 Boyle John & Co., Peabody, Mass.
 Turner Tanning Mach'y Co., Peabody, Mass.

8546—Leather Skiving Machines

Fortuna Machine Co., 127 Duane, New York

8547—Leather Slitting & Finishing Machines

Randall J. D. Co. (Power, Round Edge), 610 W Court, Cincinnati, O.

8548—Leather Splitting Machines

American Tool & Machine Co. (Belt Knife), 10 High, Boston, Mass.
 Baker G. W. Machine Co. ("Western Union" & Belt Knife), 218 French, Wilmington, Del.
 Stehling Chas. H. Co., 401 4th, Milwau-kee, Wis.
 Turner Tanning Machy. Co., Peabody, Mass.

8549—Leather Staking Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
 Baker G. W. Machine Co. ("Baker" & "Wilmington" Boller), 218 French, Wilmington, Del.
 Layman A. C. Machine Co., 11th & Lom-bard, Wilmington, Del.
 Slocomb F. F. & Co., 14th & Poplar, Wil-mington, Del.
 Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
 Turner Tanning Machinery Co., Peabody, Mass.

8550—Leather Stamping Machines

Baker G. W. Machine Co., 218 French, Wilmington, Del.
 Slocomb F. F. & Co., 14th & Poplar, Wil-mington, Del.
 Turner Tanning Machinery Co., Peabody, Mass.



Macaroni Machinery



Automatic Flour Handling Equipment, Automatic Flour and Water Scales, Mixers, Kneaders,
Vertical and Horizontal Presses, Dough Brakes, Noodle Cutting and Folding Machines, etc.

WERNER & PFLEIDERER CO., Inc. General Offices and Works:
SAGINAW, MICHIGAN

Branch Offices:

New York: Woolworth Bldg. Philadelphia: Drexel Bldg. Cleveland: Hippodrome Bldg. San Francisco: Pacific Bldg.

8551—Leather Unhairing Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Hutchinson Leather Machine Co., Winchester, Mass.
Munkwitz Edw. H. Co. ("Leidgen"), 159 Muskego av, Milwaukee, Wis.
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.
Whitney Machine Co., Winchester, Mass.

8552—Leather Whitening Machines

Associated Tanners' Machinery Co., 424 Essex, Salem, Mass.
Baker Geo. W. Machine Co., 218 French, Wilmington, Del.
Turner Tanning Machinery Co., Peabody, Mass.

Leather Working Machinery

See Hide & Leather Working Machinery

Letter Folding Machines

See Circular Folding Machines

8553—Leveling Machines For Sheets

Poole J. Morton Co., ft Thorn, Wilmington, Del.
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

8554—Life Saving Machinery (Marine Breeches Buoy)

LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

8555—Lime Hydrating Machinery

American Hydrating Co. ("Hydrator"), Md. Trust bldg, Baltimore, Md.
Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*
ATLAS ENGINEERING CO., Amherst, O. *See adv index at end of book*
Gerdes & Co., 42 Church, New York *See adv index at end of book*
Jackson & Church Co., Saginaw, Mich.
Kritzer Co. ("Kritzer" Continuous), 72 W Adams, Chicago, Ill.
Miscampbell H. ("Clyde"), Duluth, Minn.

8556—Lime Slacking & Mixing Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*
Atlas Engineering Co., Amherst, Ohio *See adv index at end of book*
Denning Apparatus Co. (Lime Slacking Tanks & Pumps), 1015 Malson Blanche, New Orleans, La.
Teal Chas. A., 1361 Ridge av, Phila., Pa.

8557—Lining - Beveling Machines (Photo-Engravers')

Royle John & Sons (Inc.), Paterson, N. J.

8558—Linoleum & Floor Cloth Machinery

Dienelt & Eisenhardt (Printing), 1308 N Howard, Phila., Pa.
Farrel Foundry & Mach. Co., Ansonia, Conn.
Moore & White Co. (Printing), N 15th & Lehigh av, Phila., Pa.
Trenton Mach. Specialty Co., Trenton, N. J.
Werner & Pfleiderer Co., Saginaw, Mich. *See adv index at end of book*

8559—Linseed Oil Machinery

See also Cotton Seed Oil Machinery
Buckeye Iron & Brass Works, Dayton, O.
Callahan W. P. Co., Dayton, O.
Cardwell Machine Co., 1900 E Cary, Richmond, Va.
ELMES CHAS. F. ENGINEERING WORKS (INC.), cor Fulton & N Sangamon, Chicago, Ill. *See adv index at end of book*
French Oil Mill Machinery Co., Piqua, O.

8560—Liquid Filling Machines

Fowler Bottling Machine Co. (Also Measuring), 124 White, New York

8561—Lock Corner Box Machinery

Bentel & Margedant Co. (Single & Double End), Hamilton, O.
Chase Turbine Mfg. Co. (Automatic Box Presses), Orange, Mass.
Connell & Dengler Machine Co. (Box Trimmers, Box Pressing, etc), Rochester, N. Y.
Fay J. A. & Egan Co., Cincinnati, O.
Grammes L. F. & Sons, Allentown, Pa.
Luster-Jordan Co., Norristown, Pa.
Morgan Machine Co., Rochester, N. Y.
Pollard C. A. Co., Newfields, N. H.

8562—Lock Mortising Machines

Corbin Cabinet Lock Co. (Mortising for Locks & Keyhole Boring), New Britain, Conn.
Leukart J. Co. ("Champion"), 44 E Columbus, Columbus, O.
Perfection Mortise Machine Co., Columbus, O.
Pittsburgh Instrument & Machine Co. ("Pittsburgh"), 236 3d av, Pittsburgh, Pa.
Valley City Machine Works (Oscillating), Grand Rapids, Mich.

Log Hauling Machines

See Log Hauls

8563—*Log Skidding & Loading Machines

CLYDE IRON WORKS ("Clyde," "McGiffert," "Universal," "Rapid," Self-Propelling, etc), Duluth, Minn. *See adv index at end of book*
LIDGERWOOD MFG. CO., 96 Liberty, New York *See adv index at end of book*

8564—*Logging Machinery

CLYDE IRON WORKS, Duluth, Minn. *See adv index at end of book*

Logging Machinery

MANUFACTURED BY

CLYDE IRON WORKS
DULUTH, MINN.

LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York *See adv index at end of book*

8565—Macaroni Machinery

See also Vermicelli Machy.

Cavagnaro Jno. J., Harrison, N. J.
Cevasco Cavagnaro & Ambrette, Inc., 156 6th, Brooklyn, N. Y.
Ferraries Maccheroni Machine Co. (For Family Use), 114 Portland, Boston, Mass.
Fisher & Davis Mfg. Co., 934 N First, St. Louis, Mo.
Walton P. M. Mfg. Co., Philadelphia, Pa.
WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

Mail Opening Machines

See Letter Opening Machines

8566—Maize Machinery

Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor," Cleaners, Graders, Scourers, Polishers, etc), Silver Creek, N. Y.

8567—Malt Cleaning & Polishing Machines

Barnard & Leas Mfg. Co., Moline, Ill.
Howes S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" Cleaners, Polishers, Graders, etc), Silver Creek, N. Y.

8568—Malt Machinery

Hersey Mfg. Co. (Pneumatic), First, S Boston, Mass.

8569—Mantle Machines

Advance Machine Co. (Shaping, Hardening & Dipping Machines, Cotton Burners, etc), 4645 Ravenswood av, Chicago, Ill.
Mantle Machinery & Patents Co. (For Sewing Incandescent Mantle), 150 Lafayette, New York
Stafford & Holt (Knitting), Little Falls, N. Y.

8570—Mantle Ring Machinery

Patterson Foundry & Machine Co., E
Liverpool, O.

8571—Marble Coping Machines

Meyers Willard F. Machine Co., 614 Ham-
ilton, Astoria, N. Y.

**8572—Marble Hole Cutting Ma-
chines**

Holub-Dusha Co. (Oval Hole Cutting),
1799 1st av, New York

**8573—Marble Molding & Counter-
sinking Machines**

Meyers Willard F. Machine Co., 614 Hamil-
ton, Astoria, N. Y.
Olsen Tinius Testing Machine Co., 500 N
12th, Phila., Pa.

Marble Polishing Machines

See Stone Polishing Machines

Marble Working Machinery

See Stone Working Machinery, etc.

8574— Marking Machines

COST REDUCED QUALITY IMPROVED
BY USING OUR
DWIGHT SLATE MARKING MACHINES
SEND FOR CATALOGUE
Noble & Westerbrook Mfg. Co.
HARTFORD, CONN.

Bickford Mach. Co. ("Dwight Slate" for
Metal), Greenfield, Mass.

Hjorth Lathe & Tool Co. ("Hjorth," for
Metal), 27 School, Boston, Mass.

Lang J. A. & Sons (For Tags, Leather,
Textile Fabrics & Laundry Use), 280
Dover, Boston, Mass.

Noble & Westerbrook Mfg. Co. ("Dwight
Slate," for Metal), Hartford, Conn.
See adv index at end of book

8575— Mashing Machines

Kaestner & Hecht Co. (Hydraulic), 500
Throop, Chicago, Ill.

Olsen & Tilgner Mfg. Co. (Hydraulic),
2280 Elston av, Chicago, Ill.

Schock Gustav & Son, 514 W 57th, New
York

Selg Brewery Apparatus Co., 1320 N 5th,
Phila., Pa.

VILTER MFG. CO., 1046 Clinton, Milwau-
kee, Wis. *See adv index at end of book*

8576— Match Box Machinery

Birch & Birch (All Sizes), Crawfordsville,
Ind.

Grammes L. F. & Sons, Allentown, Pa.

8577— Match Machinery

Diamond Match Co., 111 B'way, New York

8578—Matching Machines (Wood)

See also Planing & Matching Machines
American Woodworking Machinery Co.,
Rochester, N. Y.

Bentel & Margedant Co., Hamilton, O.

Chase Turbine Mfg. Co., Orange, Mass.

Crescent Machine Co., Leetonia, O.

Fay J. A. & Egan Co., Cincinnati, O.

Lane Mfg. Co., Montpelier, Vt.

Mereen-Johnson Machine Co. (Bottle
Boxes), 44th av N & River, Minneap-
olis, Minn.

Smith H. B. Machine Co., Smithville, N. J.

Stetson-Ross Machine Works, Seattle,
Wash.

Woods S. A. Machine Co., Boston, Mass.

Yates P. B. Machine Co., Beloit, Wis.

8579—Matting Weaving Machines

Crompton & Knowles Loom Works (For
Japanese Matting), Worcester, Mass.

Mattress Machinery

See Woven Wire Mattress Machinery

**8580—*Meat Can Machinery (Sheet
Metal)**

BLISS E. W. CO., 19 Adams, Brooklyn,
N. Y. *See adv index at end of book*

8581—Meat Can Stuffing Machines

AMERICAN CAN CO. (Machinery Dept.),
(Rotary), Monroe bldg, Chicago, Ill.

See adv index at end of book
Sprague Canning Machinery Co., 222 N
Wabash av, Chicago, Ill.

Metal Beading Machines

See Crimping & Beading Machines

8582—Metal Culvert Machinery

BLISS E. W. CO., 19 Adams, Brooklyn,
N. Y. *See adv index at end of book*

NIAGARA MACHINE & TOOL WORKS,
Buffalo, N. Y.

See adv index at end of book

8583—Metal Cutting-Off Machines

See also Cold Saw Cutting-Off Machines;
also Hot Sawing Machines

Bardons & Oliver, Cleveland, O.

Braun J. G., 609 S Paulina, Chicago, Ill.

Brightman Mfg. Co., Columbus, O.

Brown & Sharpe Mfg. Co., Providence,
R. I.

Davis Machine Tool Co., Rochester, N. Y.

Davis Sewing Machine Co. ("Davis"), Day-
ton, O.

Disston Henry & Sons, Tacony, Philadel-
phia, Pa.

Etna Machine Co., Toledo, O.

Gorton Geo. Machine Works, Racine, Wis.

Higley Machine Co., Croton Falls, N. Y.

Hurlbut-Rogers Machinery Co., South Sud-
bury, Mass.

Matson Machine Co., Concord, N. H.

Modern Machine Tool Co., Jackson, Mich.

Niles-Bement-Pond Co., 111 B'way, New
York

Nutter & Barnes Co. (4 to 10 inch), Hins-
dale, N. H.

Peter Bros. Mfg. Co. (Abrasive), Algon-
quin, Ill.

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Ingersoll Milling Machine Co. (Heavy, Horizontal & Vertical Spindle), Rockford, Ill.  
 Kearney & Trecker Co. ("Milwaukee"), West Allis, Milwaukee, Wis.  
 Kempsmith Mfg. Co. (Plain, Universal & Lincoln Patterns), West Allis, Wis.  
 Knight W. B. Machinery Co. (Duplex), 2019 Lucas av, St. Louis, Mo.  
 Le Blond R. K. Machine Tool Co. (Plain & Universal), 4609 Easton av, Cincinnati, O.  
 Milled Screw & Machine Co. (Universal Automatic Thread Millers), Sayre, Pa.  
 Mitts & Merrill (Keyseat), 1939 S Water, Saginaw, Mich.  
 National Machine Tool Co., ("National" Key-Seating & Oil Grooving), Cincinnati, O.  
 Pedrick Tool & Mach. Co. (Portable), 3642 N Lawrence, Philadelphia, Pa.  
 Potter & Johnston Machine Co. (Automatic), Pawtucket, R. I.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schuchardt & Schutte (Thread, Tooth Rounding & Profile), 90 West, New York  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Steptoe John Shaper Co., Cincinnati, O.  
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N W, Cleveland, O.  
 Thurston Mfg. Co. (Die), 140 Benedict, Providence, R. I.  
 Tindel-Morris Co. (Double Head Crank, etc), Eddystone, Pa.  
 Underwood H. B. & Co. (Portable), 1025 Hamilton, Phila., Pa.  
 Valley City Machine Works (Plain), Grand Rapids, Mich.  
 Van Norman Machine Tool Co. ("Van Norman" Duplex, Universal & Bench, also Hand), Springfield, Mass.  
 Warner & Swasey Co. (Valve), Cleveland, O.

### 8596—Milling Machines (Automatic Index)

Garvin Machine Co., 147 Varick, New York

### 8597—Milling Machines (Bench)

Ames B. C. Co. ("Ames"), Waltham, Mass.  
 Bickett Machine & Mfg. Co., 1112 Richmond, Cincinnati, O.  
 Burke Machine Tool Co., Conneaut, O.  
 Carter & Hakes Machine Co., Winsted, Conn.  
 Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Miller & Crowningshield, Greenfield, Mass.  
 Pratt & Whitney Co., Hartford, Conn.  
 Rockford Milling Machine Co., Rockford, Ill.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.  
**STARK TOOL CO.** ("Stark"), Waltham, Mass. *See adv index at end of book*  
 Up-To-Date Tool Co., 60 K, So. Boston, Mass.  
 Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

### 8598—Milling Machines (Cam or Form)

Garvin Machine Co., 147 Varick, New York  
 Rowbottom Machine Co. ("Rowbottom"), Waterville, Conn.  
 Schuchardt & Schutte, 90 West, New York

### 8599—Milling Machines (Combined Horizontal & Vertical)

Lucas Machine Tool Co., 524 E 99th, Cleveland, O.

### 8599a—\*Milling Machines (Continuous)

Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.

### 8600—Milling Machines (Crank Case)

Beaman & Smith Co., Providence, R. I.  
 Ingersoll Milling Machine Co., Rockford, Ill.

### 8601—Milling Machines (Die)

Harrington Machine Co., Erie, Pa.  
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.

### 8602—Milling Machines (Double Head)

Beaman & Smith Co., Providence, R. I.  
 Espen-Lucas Machine Works, 21 Girard, av, Phila., Pa.  
 Garvin Machine Co., 147 Varick, New York  
 Ingersoll Milling Machine Co., Rockford, Ill.  
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.  
 Pratt & Whitney Co., Hartford, Conn.

### Milling Machines (End)

See Planing Machines, Rotary

### 8603—Milling Machines (Hand)

Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.  
 Rickford Machine Co. ("Bickford" with Vertical Attachment & Power Feed), Greenfield, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Carter & Hakes Machine Co., Winsted, Conn.  
 Fox Machine Co., Jackson, Mich.  
 Garrigus C. G. Machine Co., Bristol, Conn.  
 Garvin Machine Co., 147 Varick, New York  
 Pratt & Whitney Co., Hartford, Conn.  
 Rockford Milling Machine Co., Rockford, Ill.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Steptoe John Shaper Co., Cincinnati, O.  
 Van Norman Machine Tool Co., Springfield, Mass.  
 Whitney Mfg. Co., Hartford, Conn.

### 8604—Milling Machines (Lincoln)

Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.  
 Carter & Hakes Machine Co., Winsted, Conn.  
 Cook Asa S. Co. ("Colt" Pattern), 80 Huyshope av, Hartford, Conn.  
 Garvin Machine Co., 147 Varick, New York  
 Kempsmith Mfg. Co., West Allis, Wis.  
 Pratt & Whitney Co., Hartford, Conn.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*

### 8605—Milling Machines (Manufacturing)

Gooley & Edlund (High Duty), Cortland, New York  
 Kearney & Trecker ("Milwaukee" for Heavy Duty), West Allis, Milwaukee, Wis.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Van Norman Machine Tool Co. ("Van Norman," Hand), Springfield, Mass.

### 8606—Milling Machines (Nut)

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.

### 8607—Milling Machines (Plain)

Beaman & Smith Co., Providence, R. I.  
 Bickford Machine Co., Greenfield, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Cincinnati Milling Machine Co., Cincinnati, O.  
 Fox Machine Co., Jackson, Mich.  
 Garvin Machine Co., 147 Varick, New York  
 Kearney & Trecker, Milwaukee, Wis.  
 Kempsmith Mfg. Co., West Allis, Wis.  
 Le Blond R. K. Machine Tool Co., Cincinnati, O.  
 Oesterlein Machine Co., Cincinnati, O.  
 Potter & Johnston Machine Co., Pawtucket, R. I.  
 Rockford Milling Machine Co., Rockford, Ill.

Schuchardt & Schutte, 90 West, New York  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Up-To-Date Tool Co., 60 K, So. Boston, Mass.

### 8608—Milling Machines (Planer Type)

Beaman & Smith Co. (Vertical & Horizontal Spindles), Providence, R. I.  
 Burr John T. & Son (Horizontal & Vertical Spindles), 429 Kent av, Brooklyn, N. Y.  
 Espen-Lucas Machine Works (Slab Type), 21 Girard av, Phila., Pa.  
 Ingersoll Milling Machine Co. (Vertical & Horizontal Spindles), Rockford, Ill.  
 Newton Machine Tool Works (Vertical & Horizontal Spindles), 23d & Vine, Phila., Pa.  
 Niles-Bement-Pond Co. (Vertical & Horizontal Spindles), 111 Broadway, New York  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*

### 8609—Milling Machines (Thread)

Bickford Machine Co. ("Bickford"), Greenfield, Mass.  
 Gisholt Machine Co., Madison, Wis.  
 Lees-Bradner Co. ("Lees Bradner"), Cleveland, O.  
 Pratt & Whitney Co., Hartford, Conn.  
 Schuchardt & Schutte, 90 West, New York  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Smalley-General Co., Bay City, Mich.  
 T. C. M. Mfg. Co. (Semi-Automatic), Harrison, N. J.  
 Taft-Pierce Mfg. Co., Woonsocket, R. I.  
**WALTHAM MACHINE WORKS**, Waltham, Mass.

### 8610—Milling Machines (Universal)

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Cincinnati Milling Machine Co., Cincinnati, Ohio  
 Garvin Machine Co., 147 Varick, New York  
 Hendey Machine Co. ("Hendey" Belt or Motor Driven) Torrington, Conn.  
 Kearney & Trecker, West Allis, Milwaukee, Wis.  
 Kempsmith Mfg. Co., West Allis, Wis.  
 Le Blond R. K. Machine Tool Co., Cincinnati, O.  
 Oesterlein Machine Co., Cincinnati, O.  
 Potter & Johnson Machine Co., Pawtucket, R. I.  
 Rockford Milling Machine Co., Rockford, Ill. *See adv index at end of book*  
 Schuchardt & Schutte, 90 West, New York  
**SIMMONS MACHINE CO., INC.**, 987 B'way, Albany, N. Y.  
*See adv index at end of book*  
**STARK TOOL CO.** ("Stark," Pinion & Wheel Cutter Combined), Waltham, Mass.  
 Van Norman Machine Tool Co. ("Van Norman"), Springfield, Mass.

### 8611—Milling Machines (Valve)

American Tool & Machine Co., 10 High, Boston, Mass.

### 8612—Milling Machines (Vertical)

Beaman & Smith Co. (Three Spindle), Providence, R. I.  
 Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Cincinnati Milling Machine Co., Cincinnati, Ohio  
 Clough R. M., Tolland, Conn.  
 Garvin Machine Co., 147 Varick, New York  
 Ingersoll Milling Machine Co., Rockford, Ill.  
 Kearney & Trecker, West Allis, Milwaukee, Wis.  
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.  
 Potter & Johnston Machine Co., Pawtucket, R. I.  
 Pratt & Whitney Co., Hartford, Conn.  
 Rockford Machine Tool Co., Rockford, Ill.  
 Rockford Milling Machine Co., Rockford, Ill.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*



# Allis-Chalmers Manufacturing Company

MILWAUKEE, WISCONSIN

Offices in All Principal Cities

## Power and Industrial Machinery

Motors

Generators

Pumps

Transmission Machinery

Mining or Cement Machinery

Flour Mills or Saw Mills

Air Compressors

Steam Engines

Steam Turbines

Crushers

Hydraulic Turbines

Gas Engines

Rotary Soil Tillers

Farm Tractors

### 8613—Milling Machines (Wood)

Oliver Machine Co., Grand Rapids, Mich.  
Piel G. Co., 29 13th, Long Island City,  
N. Y.

### 8614—Mine Car Caging Machines

Mining Safety Device Co. (Automatic  
Cager & Nolan Stop), Bowerston, O.

### 8615—Mine Timber Framing Machines

Denver Engineering Works Co. ("Dew-  
co") Denver, Colorado  
Dillon-Box Iron Works Co., Denver, Colo.  
Hendy Joshua Iron Works, 75 Fremont,  
San Francisco, Cal.

### Mine Ventilating Machinery

See Fans, Mine Ventilating

### 8616—Mining Machinery

See also Mining Machinery, Coal

**ABBE ENGINEERING CO.**, 220 B'way,  
New York See *adv index at end of book*  
Abendroth & Root Mfg. Co., Newburgh,  
New York

Albany Iron Works, Albany, Ore.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee,  
Wis. See *adv index at end of book*

Arizona & Sonora Mfg. Co. (Sectional),  
Nogales, Arizona

Ashland Iron Works, Ashland, Oregon

Barker Samuel G. & Son, Scranton, Pa.

Birdsboro Steel Foundry & Machine Co.,  
Birdsboro, Pa.

Brainard Crusher-Pulverizer Co., Old  
Colony bldg, Chicago, Ill.

Calrd Engineering Works, Helena, Mont.

**CHALMERS-WILLIAMS MFG. CO.**, 1461  
Arnold, Chicago Heights, Ill.

**CHICAGO PNEUMATIC TOOL CO.**, Fisher  
bldg, Chicago, Ill.

See *adv index at end of book*

Colorado Iron Works Co., Denver, Colo.

Davis F. M. Iron Works Co., Denver, Colo.

Denver Engng. Works Co., Denver, Colo.

Dubois Iron Works, Dubois, Pa.

Duncan Foundry & Machine Works, Alton,  
Ill.

Engelbach Machine Mfg. Co., Leadville,  
Colo.

Farrel Foundry & Machine Co., Ansonia,  
Conn.

Fulton Engine Works, Los Angeles, Cal.

Galena Foundry & Machine Co., Galena,  
Kan.

Galena Iron Works Corp., Galena, Ill.

Galigher Machinery Co. (Callow Settling  
Tanks, Tanks, Traveling Belt Screens),  
Salt Lake City, Utah

Georgia Iron Works (Phosphate), Augusta,  
Ga.

Golden State & Miners' Iron Works, 249  
1st, San Francisco, Cal.

Goodman Mfg. Co. (Electric), Halsted &  
48th pl, Chicago, Ill.

Great Lakes Engng. Works, Detroit, Mich.

Hallidie Co., Spokane, Wash.

Hammond Mfg. Co., Kamm bldg, Portland,  
Oregon

Harron, Rickard & McCone, 139 Townsend,  
San Francisco, Cal.

Hendrie & Bolthoff Mfg. & Supply Co.,  
Denver, Colo.

Hendy Joshua Iron Works, 75 Fremont,  
San Francisco, Cal.

Herzler & Henninger Machine Works,  
Belleville, Ill.

Imperial Iron Works, Duluth, Minn.

**INGERSOLL-RAND CO.**, 11 B'way, New  
York See *adv index at end of book*

Jackson Byron Iron Works, Berkeley, Cal.

Jackson & Church Co. (Coal, etc), Sag-  
inaw, Mich.

**JEFFREY MFG. CO.** (Coal, etc., Elec-  
tric), 961 N Fourth, Columbus, O.

See *adv index at end of book*

Johnston & Jennings Co., Addison rd. &  
N. Y. C. R. R., Cleveland, O.

See *adv index at end of book*

**KENNEDY VAN SAUN MFG. & ENG.**  
**CORP.**, 120 B'way, New York

See *adv index at end of book*

Krogh Mfg. Co., 147 Beale, San Francisco,  
Cal.

Krom Machine Works, 170 B'way, New  
York

Lake Shore Engine Works (Sinking & Ex-  
ploring), Marquette, Mich.

Leyner J. G. Engng. Works Co., Littleton,  
Col.

**LIDGERWOOD MFG. CO.**, 96 Liberty, New  
York See *adv index at end of book*

**LINK-BELT CO.**, 39th & Stewart av, Chi-  
cago, Ill. & Hunting Park av & P. &  
R. Ry., Phila., Pa.

See *adv index at end of book*

Llewellyn Iron Works, Los Angeles, Cal.

McFarlane Peter & Son Iron Works Co.,  
Denver, Col.

Mashek Engineering Co., 90 West, New  
York

Mecklenburg Iron Works (Gold, etc),  
Charlotte, N. C.

Mine & Smelter Supply Co., 42 B'way, New  
York

Morgan-Gardner Electric Co. (Coal, etc),  
27th & Shields av, Chicago, Ill.

Morrow Mfg. Co., Wellston, O.

National Iron Works Spokane, Wash.

Neumeyer & Dimond ("Demag," Imp.), 82  
Beaver, New York

Northwestern Iron Works, Seattle, Wash.

Ottumwa Iron Works (Coal, Gold & Sil-  
ver), Ottumwa, Ia.

Phoenix Iron Works, E 3d & Hawthorne,  
Portland, Ore.

Portage Lake Foundry & Machine Co.,  
Hancock, Mich.

Portland Iron Works, 14th & Northrup,  
Portland, Ore.

Prox Frank Co., Terra Haute, Ind.

Puget Sound Iron & Steel Works, Tacoma,  
Wash.

Rauch Mfg. Co., Galena, Kans.

Rock Products Equipment Corp., 42  
Church, New York

See *adv index at end of book*

Rogers Jno. M<sup>o</sup> Works, Gloucester City,  
N. J.

Roy & Titcomb, Nogales, Ariz.

Salt Lake Engineering Works, Salt Lake  
City, Utah

Scottdale Machine & Mfg. Co., Scottdale,  
Pa.

Seattle Machine Works, Seattle, Wash.

Silver Bros. Iron Works Co., Salt Lake  
City, Utah.

Stearns-Roger Mfg. Co., Denver, Colo.

Steiger & Kerr Stove & Foundry Co., Fol-  
som & 18th, San Francisco, Cal.

Sturtevant Mill Co., Clayton & Park, Dor.,  
Boston, Mass.



Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.  
 Suppes Forge & Foundry Co., Johnstown, Pa.  
 Tamaqua Mfg. Co., Tamaqua, Pa.  
 Ticonderoga Machine Works, Ticonderoga, N. Y.  
 Traylor Engineering & Mfg. Co., Allentown, Pa.  
 Traylor John A. Machinery Co., Denver, Colo.  
 Union Iron Works, Spokane, Wash.  
 Union Iron Works Co. (Gold, Silver, etc.), 20th & Michigan, San Francisco, Cal.  
 Union Tool Co., Los Angeles, Cal.  
 United Iron Works, Oakland, Cal.  
 United Iron Works Co., Springfield, Mo.  
 Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.  
 Vulcan Iron Works, Wilkes-Barre, Pa.  
 Walker Mfg. Co., Denver, Col.  
 Webb City & Cartersville Foundry & Machine Works, Webb City, Mo.  
 Wellman-Seaver-Morgan Co. (Miscellaneous), Cleveland, O.  
 Western Iron Works, Butte, Mont.  
 Whitcomb Geo. D. Co., Rochelle, Ill.  
 Willamette Iron & Steel Works, Portland, Ore.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### 8617—Mining Machinery (Coal)

See also Mining Machines; also Coal Cutting Machines

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Eagle Iron Works, Des Moines, Ia.  
 Ellison Wm. & Son Mfg. Co., St. Louis, Mo.  
 Exeter Machine Works, Pittston, Pa.  
 Finch Mfg. Co., Scranton, Pa.  
 Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.  
 Grant Iron Works (Mine & Breaker Machinery), Mahoney City, Pa.  
 Herzler & Henninger Machine Works, Belleville, Ill.  
**INGERSOLL-RAND CO.**, 11 B'way, New York *See adv index at end of book*  
 Jackson & Church Co., Saginaw, Mich.  
**JEFFREY MFG. CO.** (Complete Equipment), 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*  
 Mauch Chunk Iron Works, Mauch Chunk, Pa.  
 Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.  
 Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.  
 Mineral Ridge Mfg. Co., Mineral Ridge, O.  
 Morgan-Gardner Electric Co. (Electric), 27th & Shields av, Chicago, Ill.  
 Mount Carmel Iron Works, Mount Carmel, Pa.  
 Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York  
 Ottumwa Iron Works, Ottumwa, Ia.  
 Pittsburgh Coal Washer Co., Fulton bldg, Pittsburgh, Pa.  
 Prox Frank Co., Terre Haute, Ind.  
 Sanford-Day Iron Works, Knoxville, Tenn.  
 Savage W. J. Co., Knoxville, Tenn.  
 Tamaqua Mfg. Co., Tamaqua, Pa.  
 Vulcan Iron Works, Wilkes-Barre, Pa.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa. *See adv index at end of book*

### 8618—\*Mining Machinery (Cyaniding Electric)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

### 8619—Mining Machinery (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 Henry Joshua Iron Works, 75 Fremont, San Francisco, Cal.  
 Traylor John A. Machinery Co., Denver, Colo.

### 8620—Mining Machines (Chain)

See also Coal Cutting Machines  
 Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Morgan-Gardner Electric Co., 27th & Shields av, Chicago, Ill.

### 8621—Mining & Crushing Machinery (Portable)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### 8622—Minting Machinery

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

### 8623—Mitre Blanking Machines

Canton Foundry & Machine Co., Canton, O.

### 8624—Mitre Cutting Machines

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Loy & Nawrath (For Metal), 25 Runyon, Newark, N. J.

### 8625—Mitre Sawing & Clamping Machines

Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.

### 8626—Mitreing Machines

American Woodworking Machinery Co., Rochester, N. Y.  
 Beach Mfg. Co., Montrose, Pa.  
 Bentel & Margedant Co. (Spoke), Hamilton, O.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Fox Machine Co., Jackson, Mich.

## Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

## Hendricks' Commercial Register

Grammes L. F. & Sons (Mitre Saws), Allentown, Pa.  
 Hoe R. & Co., 504 Grand, New York  
 Jones Superior Machine Co. (For Wood), 1264 W North av, Chicago, Ill.  
 Maddox Machine Co. (Maddox" Double Mitre Saw), Jamestown, N. Y.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Walter's Wm. P. Sons (And Vise Combined), 1233 Market, Phila., Pa.

### 8627—Mitering Machines (Paper, Cloth & Leather)

Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

### Mixing Machinery

See Specific Kind Required; also Mixers, Various Kinds

### 8628—Mixing Machines (Coffee & Tea)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

### 8629—Mixing Machines (Glue)

Challoner Co. (Vegetable Glue), Oshkosh, Wis.

### 8630—Moistening Machines (Paper, Cloth, Leather, Etc.)

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

### 8631—Molasses Filling Machines

Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.

### 8631a—\*Molding Machines

**DOPP J. W.** (Dealer), 1420 Dime Bk. bldg, Detroit, Mich.

### 8632—Molding Machines (Foundry)

Adams Co. ("Farwell," Universal Automatic & Multiple), Dubuque, Ia.  
 Arcade Mfg. Co. ("Modern," for Small Castings; also "Norcross," Jolt Ramming Machines), Freeport, Ill.  
 B & B Mfg. Co. ("B & B" Hand Jar & Squeezer), Indianapolis, Ind.  
 Berkshire Mfg. Co. ("Universal," "Berkshire" Automatic Air Squeezer & Hand Squeezer), Cleveland, O.  
 Bridgeport Die & Machine Co. ("Bridgeport"), Bridgeport, Conn.  
 Buch Foundry Equipment Co. (Jar Squeezer, Roll-over & Pattern Draw), Bridgeport, Pa.  
 Buch's A. Sons Co. (Gravity Moulder & "Parks" Portable Jar & Squeezer), Elizabethtown, Pa.  
 Cooper H. W. Saddlery Hdw. Mfg. Co. (Moline Squeezer), Moline, Ill.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Davenport Mach. & Fdry. Co. (Jolts & Squeezers), Davenport, Ia.  
 Delano E. A. Co. (For Pulley Molding, etc), 1401 W North, Chicago, Ill.  
 Demmler Wm. & Bro. ("Kewanee," Jarring Type), Kewanee, Ill.  
 Elmira Foundry Co. ("Gow"), Elmira, N. Y.  
 Federal Malleable Co. ("Rapid"), West Allis, Wis.  
 Foundry Equipment Co., Cleveland, O.  
 Freeman Mfg. Co. ("Dearsley"), Dept. O., Racine, Wis.  
 Harriman Mfg. Co. (Gravity Molder), Harriman, Tenn.  
 Herman Pneumatic Machine Co. ("Herman," Jarring), Zelienople, Pa.  
 International Molding Machine Co., 2614 W. 16th, Chicago, Ill.  
 Midland Machine Co. ("Grimes" Roll-Over), Detroit, Mich.  
 Mumford E. H. Co., Elizabeth, N. J.  
 Mumford Molding Machine Co., 2059 Elston, Chicago, Ill.  
 Newman Machine Co. (Heavy 7 to 14 inch), Greenboro, N. C.  
 Nichols Wm. H. Co., 2 College pl, Brooklyn, N. Y.  
 Osborn Mfg. Co. ("Osborne"), 5405 E Hamilton, Cleveland, O.



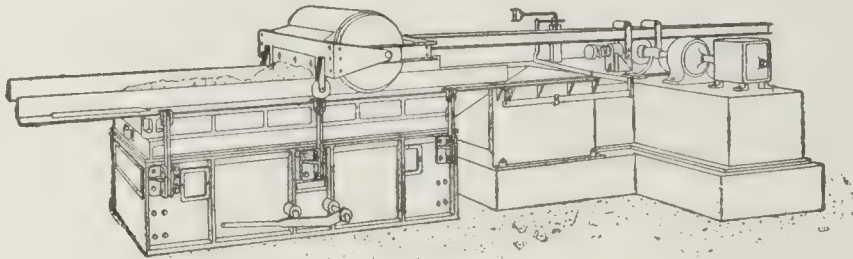
# THE SNEAD & CO IRON WORKS

98 PINE ST., JERSEY CITY, N. J.

— BRANCHES IN FOREIGN COUNTRIES —  
FOUNDED 1849

## FOUNDRY EQUIPMENT

— MACDONALD ROLLER RAMMING MACHINE —  
— PATTERN DRAWING MACHINE —  
POWER SAND SCREENS PATTERNS AND FLASKS



See also our advertisements under the headings "Castings (Grey Iron)," "Library Shelving & Fittings," "Exhibition Cases."

Phenix Iron Works (Pulley), Winona, Minn.  
Pridmore Henry E., 1901 S Rockwell, Chicago, Ill.  
Racine Engine & Machine Co. ("Racine"), Racine, Wis.  
Reynolds James Mfg. Co., New Haven, Conn.  
**SNEAD & CO. IRON WORKS (INC.)**  
("Macdonald" Roller Ramming Machines), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*  
Syracuse Malleable Iron Works ("Burns Economic"), Syracuse, N. Y.  
Tabor Mfg. Co., 18th & Hamilton, Phila., Pa.  
Turner Machine Co. (For Brass & Iron), 3632 N Lawrence, Phila., Pa.  
U. S. Molding Machine Co., 968 E 69th, Cleveland, O.  
Webb J. F. (Power Ramming), Davenport, Ia.  
Woodison E. J. Co., Detroit, Mich.

**8633—Molding Sander Machines**  
Austin & Eddy ("Pioneer"), 117 Broad, Boston, Mass.  
Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.  
Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.

**8634—Mop Making Machines**  
Saunders & Co. (Automatic), 519 Southwest blvd, Kansas City, Mo.

**Mortar Mixing Machinery**  
See Mixing Machinery

### Mortising Machines

Mortising Machines are Classified Under the Kind Descriptive Thereof

**8635—Mosaic Cutting Machinery**  
Patch F. R. Mfg. Co., Rutland, Vt.

**8636—Mosaic & Tile Floor Polishing Machines**

Herr John Mfg. Co., 44 N 4th, Phila., Pa.  
Patch F. R. Mfg. Co., Rutland, Vt.

**8637—Motor Fly Wheel Balancing Machinery**

Defiance Machine Works, Defiance, O.

### 8638—Moving Picture Film Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa.  
*See adv index at end of book*  
Schneider Erberhard, 219 2nd av, New York

### 8639—Moving Picture Machines

American Standard Motion Picture Machine Co., 110 W 40th, New York  
Amusement Supply Co., 5 S Wabash, Chicago, Ill.  
Baird Motion Picture Machine Co., 24 E 23d, New York  
Cameron Mach. Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
Edison Thos. A ("Kinetoscope"), Orange, N. J.  
Gennert G., 24 E 13th, New York  
Kincock Apparatus Corp., Bridgeton, N. J.  
Kleine Optical Co., 166 N State, Chicago, Ill.  
National Moving Picture Co. ("Monarch"), 537 S Dearborn, Chicago, Ill.  
Optigraph Co., 564 W Randolph, Chicago, Ill.  
Power Nicholas Co. (Powers Camera-graph), 90 Gold, New York  
Precision Machine Co. (Motor Driven), 317 E 34th, New York  
Schneider Eberhard, 219 2nd av, New York  
Selig Polyscope Co. ("Polyscope"), 58 E Wash, Chicago, Ill.  
Victor Animatograph Co., Davenport, Iowa

### 8640—Muscle Testing & Lifting Machines

Mills Novelty Co., 221 S Green, Chicago, Ill.

### 8641—Mustard Seed Cleaning Machines

Howes S. Co., Silver Creek, N. Y.  
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

### 8642—Nail Keg Stave Machinery

Lenker Frank K. & Co. (Sawing, Jointing, Crozing, Cut-Off, Bolting, etc.), Millersburg, Pa.

### 8643—Nail Mill Machinery

Cleveland Machine & Mfg. Co., Cleveland, O.  
Glader Wm. ("Glader" Wire Nail), 210 N Ann, Chicago, Ill.  
Hassall Jno. (Inc.) (Wire Nail), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
Kilby Mfg. Co. (Wire, etc.), Cleveland, O.  
Kimball Bros. & Sprague (Shoe), Brockton, Mass.  
Miller's H. J. Sons ("Perkins Pattern" Wire), Bridgewater, Mass.  
National Machinery Co. (Wire), Tiffin, O.  
Perkins Henry Co. (Wire), Bridgewater, Mass.  
Turner, Vaughn & Taylor Co. (Wire Nail Mill, etc.), Cuyahoga Falls, O.  
Walton & Macke Nail Co. (Wire), Kokomo, Ind.

### 8644—Nail Oxidizing Machines

Marquette John N. Sons, 513 S Eden, Baltimore, Md.

### Nail Pulling Machines

See Pullers, Nail

### Nailing Machines

See Box Nailing Machines; also Hoop Nailing Machines

### 8645—Neck Yoke & Singletree Machinery

Ober Mfg. Co., Chagrin Falls, O.  
Trevor Mfg. Co., Lockport, N. Y.

### 8646—Needle Machinery (Sewing Machine)

Langelier Mfg. Co., Arlington, Providence, R. I.

### 8647—Netting Machines

Fowler Net & Twine Co., 107 S 2d, Phila., Pa.

### 8648—Nibber & Trimming Machines (Combined)

Rock River Machine Co., Janesville, Wis.  
Ryerson Jos. T. & Son (For Spring Shop Work), 2558 W 16th, Chicago, Ill.

### 8649—Nipple Cutting Machines

Bignall & Keeler Machine Works ("B & K"), Edwardsville, Ill.  
Landis Machine Co., Waynesboro, Pa.  
Williams Tool Co., Erie, Pa.

### 8650—Nipple Threading Machines

Bignall & Keeler Machine Works ("B & K"), Edwardsville, Ill.  
Landis Machine Co., Waynesboro, Pa.  
Murchey Machine & Tool Co. ("Murchey," Automatic), 85 Porter, Detroit, Mich.  
Oster Mfg. Co., Cleveland, O.

### 8651—Nitrating Centrifugal Machines

Watson Machine Co., Paterson, N. J.

### Noodle Machinery

See Macaroni Machinery

### 8652—Notching Machines

**AMERICAN CAN CO.** (Machinery Dept.), Monroe bldg, Chicago, Ill.  
*See adv index at end of book*  
**BLISS E. W. CO.** (Armature), 19 Adams, Brooklyn, N. Y.  
*See adv index at end of book*  
Leffler Chas. & Co. (Also Bench Notching Machinery for Pierced Tin Ware, Can Boxes, etc.), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*  
Long & Allstatter Co., (Disc Armature), Hamilton, O.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y.  
*See adv index at end of book*

Peck, Stow & Wilcox Co., Southington, Conn.

Rock River Machine Co., Janesville, Wis.

### 8653—Nougat Cutting Machines

Rittenhouse Frank, Norristown, Pa.



**8654—Numbering Machines**

American Numbering Machine Co., 224 Shepherd, Brooklyn, N. Y.  
 American Railway Supply Co., 134 Charles, New York  
 Bates Mfg. Co. ("Bates" & "Wizard" Automatic Hand), 50 Church, New York  
 Cushman & Denison Mfg. Co. ("Reliance"), 240 W 23d, New York  
 Dill Mfg. Co., 686 E 82d, Cleveland, O.  
 Force W. A. & Co., 535 Pearl, New York  
 Haynes & Co., 75 Westminster, Providence, R. I.  
 Hero Mfg. Co., Gaul & Adams, Phila., Pa.  
 Hickok W. O. Mfg. Co., Harrisburg, Pa.  
 Kastens Henry, 418 W 27th, New York  
 Matthews Jas. H. Co. (Automatic), 3942 Forbes, Pittsburgh, Pa.  
 Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.  
 Roberts Numbering Machine Co. ("Bates," Automatic), 706 Jamaica av, Brooklyn, N. Y.  
 Smith R. H. Mfg. Co., Springfield, Mass.  
 Spencer S. M. Mfg. Co. (Also for Case Marking), 9 Cornhill, Boston, Mass.  
 Stewart R. A. & Co. ("Premier"), 201 B'way, New York  
 Wetter Numbering Machine Co., 255 Clarkson av, Brooklyn, N. Y.

**8655—Numbering & Paging Machines**

Hickok W. O. Mfg. Co., Harrisburg, Pa.  
 Hoole Machine & Engraving Works, 29 Prospect, Brooklyn, N. Y.  
 Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.  
 Sheridan T. W. & C. B. Co., 434 Broadway, New York

**8656—Nut Blanking Machines**

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

**8657—Nut Burring Machines**

National Machinery Co., Tiffin, O.

**8658—Nut Facing Machines**

Acme Machinery Co., Cleveland, O.  
 Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.  
 National Machinery Co., Tiffin, O.  
 Newton Machine Tool Works, 23d & Vine, Phila., Pa.  
 Victor Tool Co. ("Victor"), Waynesboro, Pa.

**8659—Nut Finishing Machines**

Pawtucket Mfg. Co., Pawtucket, R. I.

**Nut Machinery**

See Bolt & Nut Machinery

**8660—Nut Machines (Hot Pressed)**

Acme Machinery Co., Cleveland, O.  
 Ajax Mfg. Co., Cleveland, O.  
 National Machinery Co., Tiffin, O.

**8661—Nut Tapping Machines**

Acme Machinery Co. (Automatic), Cleveland, O.  
 Automatic Machine Co. ("Coulter" Horizontal), Bridgeport, Conn.  
 Brown H. B. Co., East Hampton, Conn.  
 Ellers H. P. Mfg. Co., Cleveland, O.  
**GREENFIELD TAP & DIE CORP'N**, ("G. T. D." for Bolt & Nut Tapping, also with Automatic Die Heads, Hand & Power), Greenfield, Mass.  
*See adv index at end of book*  
 Howard Iron Works, Buffalo, N. Y.  
 Landis Machine Co., Waynesboro, Pa.  
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 National Machinery Co. (Semi-Automatic & Automatic), Tiffin, O.  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Pawtucket Mfg. Co. (2, 3, 4, 6 & 9 Spindles), Pawtucket, R. I.  
 San Francisco Engng. Co., 322 6th, San Francisco, Cal.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Universal Machine Co., Bowling Green, O.  
 Webster & Perks Tool Co., Springfield, O.  
 Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

**8662—Nut Tapping Machines (Multiple Spindle)**

Acme Machinery Co., Cleveland, O.  
 Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.  
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 Pawtucket Mfg. Co., Pawtucket, R. I.

**8663—Oat Clipping Machines**

Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

**8664—Oat Groats Machinery**

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

**8665—Oat Machinery**

Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co. ("Monitor" Cleaners, Separators, Clippers & Extractors), Silver Creek, N. Y.

**8666—Oat Meal Machinery**

**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.  
*See adv index at end of book*  
 Invincible Grain Cleaner Co. (Cleaning, Grading & Packing), Silver Creek, N. Y.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Willamette Iron & Steel Works, Portland, Ore.

**8667—Oil Cake Packing Machines**

French Oil Mill Machinery Co., Piqua, O.

**8668—Oil Cake Trimming Machines**

French Oil Mill Machinery Co., Piqua, O.

**8669—Oil Chilling Machines**

Moore Sam'l L. & Sons, Elizabeth, N. J.

**8670—Oil Cloth Machinery**

Currier Cyrus & Sons, 365 Market, Newark, N. J.  
 Dienelt & Eisenhardt, 1308 N Howard, Phila., Pa.  
 Moore & White Co. (Oil Cloth Printing Machines), N 15th & Lehigh av, Phila., Pa.  
 Rich J. & G., 120 N 6th, Phila., Pa.  
 Waldron Jno. Co., New Brunswick, N. J.

**8671—Oil Mill Machinery**

See also Cottonseed Oil Machinery  
 American Machine & Mfg. Co., Greenville, S. C.  
 Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Atlanta Utility Works, Atlanta, Ga.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Burruss Engineering Co., Atlanta, Ga.  
 Callahan W. P. & Co., Dayton, O.  
 Cardwell Machine Co., 1900 E Cary, Richmond, Va.  
 French Oil Mill Machinery Co. (Oil Cake Trimming & Packing), Piqua, O.  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Lombard Iron Works & Supply Co., Augusta, Ga.  
 Murray Co., Atlanta, Ga.  
 Platt Iron Works Co. (Cotton, Linseed, etc), Dayton, O.  
 Sprout Waldron & Co., Muncy, Pa.

**Oil Well Machinery**

See Well Drilling Machinery

**8672—Oil Well Pulling Machines**

Buckeye Traction Ditcher Co. (Pulleys & Cleaning), Findlay, Ohio

**8673—Oil & Gas Stove Machinery (Sheet Metal)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**8674—Oil & Waste Saving Machines**

D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Phila., Pa.  
**OIL & WASTE SAVING MACHINE CO.**, Real Estate Trust bldg, Phila., Pa.

**8674a—\*Oil & Waste Saving Machines (Presses)**

**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

**8675—Oleo & Lard Rendering Machinery**

Brecht Co., 1201 Cass av, St. Louis, Mo.

**Opticians' Machines**

See Jewelers' & Opticians' Machines & Tool

**Ore Briquetting Machinery**

See Briquetting Machinery

**Ore Concentrating Machines**

See Concentrators, Ore

**Ore Handling Machinery**

See Coal & Ore Handling Machinery

**8676—Ore Milling Machinery**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
 Colorado Iron Works Co., Denver, Colo.

**8677—Ore Reduction Machinery**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
 Wellman-Seaver-Morgan Co., Cleveland, O.

**8678—Ore Washing Machinery**

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*  
 Davis Foundry & Machine Works, Rome, Ga.  
 McLanahan-Stone Mach. Co., Hollidaysburg, Pa.  
 Mine & Smelter Supply Co., 42 B'way, New York  
 Rome Machine & Foundry Co., Rome, Ga.  
 Tamaqua Mfg. Co., Tamaqua, Pa.

**8679—Oyster Cannery Machinery**

Chain Belt Co., Milwaukee, Wis.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.  
 Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

**8680—Oyster Cultivating Machinery**

Automatic Machine Co., Bridgeport, Conn.

**8681—Package Handling Machines For Department Stores, Factories, Etc.**

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Chain Belt Co., Milwaukee, Wis.  
 Jeffrey Mfg. Co., 961 N 4th Columbus, O.  
*See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

**8682—Package Heading-Up Machines**

Glader Wm. ("Glader" 10 to 30 Gallons), 210 N Ann, Chicago, Ill.

**8683—Package Sealing & Labeling Machines**

Eisler Anthony & Co. ("Jiffy" Sealing), 227 Canal, New York  
 McLaurin James D. Co. ("Bull Dog"), 260 West, New York  
 Standard Automatic Machine Co., Rochester, N. Y.



**8684—Package Washing Machines**

Ideal-Peerless Mfg. Co., ("Ideal," Automatic), Cleveland, O.

**8685—\*Packers' Can Making Machinery**

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**8686—Packing House Machinery**

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
Allbright-Neil Co., 5323 Western blvd, Chicago, Ill.

Brecht Co., 1201 Cass av, St. Louis, Mo.  
Brown A. & F. Co., (Sugar Barrel), 79 Barclay, New York

Flynn & Emrich Co. (Ham Cookers), 305 N Holliday, Baltimore, Md.

Jeffrey Mfg. Co., 961 N 4th Columbus, O. *See adv index at end of book*

Joslin-Schmidt Co. (For Working up Waste Products), 3223 Spring Grove av, Cincinnati, O.

**KUTZTOWN FOUNDRY & MACHINE CO.,**

1421 Chestnut, Phila., Pa. *See adv index at end of book*

**LINK-BELT CO.** ("Link-Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*  
Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.

Murray Iron Works Co., Burlington, Ia.  
Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.

Redfield Robert S., 327 S La Salle, Chicago, Ill.

Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.

**8687—Packing Machines**

*See also Bag Filling Machines*

**ALLIS-CHALMERS MFG. CO.** (Flour, etc.), Milwaukee, Wis.

*See adv index at end of book*  
American Machine & Foundry Co., 5520 2d av, Brooklyn, N. Y.

Barnard & Leas Mfg. Co. (Sugar, Flour, Bran, Cement, etc.), Moline, Ill.

Bond Scale Co. (For Powders, Sugar, etc.), Los Angeles, Cal.

Campbell P. F. ("Richmond" Flour), 51 Laurel, Phila., Pa.

Cardwell Mach. Co. (Tobacco), 1900 E Cary, Richmond, Va.

Gerdes & Co. (Flour), 42 Church, New York. *See adv index at end of book*

Hersey Mfg. Co. (Sugar), First So. Boston, Mass.

Howes S. Co. (Cement), Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor," for Flour, Bran, Feed, Cotton Hulls, Cement, Lime, Paint & All Pulverized Minerals), Silver Creek, N. Y.

Invincible Grain Cleaner Co. ("Invincible" Cement, Flour, Bran, Corn Meal, Alfalfa, Lime, etc), Silver Creek, N. Y.

Modern Bag Co. (Cement, Plaster, etc), East Orange, N. J.

Nordyke & Marmon Co. (Bran, Flour, Sack, etc), 1290 Kentucky av, Indianapolis, Ind.

Richardson Scale Co. (Combined Scale Packers for Flour, Bran, Beet Pulp & Other Feeds), Passaic, N. J.

Ross Chas. & Son Co. (Barrel, etc), 148 Classon av, Brooklyn, N. Y.

Sprout, Waldron & Co. (For Flour, Bran, Feed, etc), Muncy, Pa.

Unit Weighing & Packing System (for Baking Powder, Tea, Coffee, Cereals, etc), Scott & McHenry, Baltimore, Md.

United Iron Wks. Co. (Cement), Springfield, Mo.

Urschel-Bates Valve Bag Co. (Bag Filling, Lime), 3431 Summit av, Toledo, O. *See adv index at end of book*

Wolf Co., Chambersburg, Pa.

**8688—Packing Machines (Cottonseed & Linseed Cake)**

French Oil Mill Machinery Co., Piqua, O.

**8689—Pail Handle Machines**

Gerlach Peter Co., 1712 Winter, Cleveland, O.

Goodspeed Machine Co., Winchendon, Mass.

Kline Lewis T., Alpena, Mich.

**Pail Machinery**

*See Tub & Pail Machinery*

**8690—\*Paint Can Machinery**

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**8691—Paint Grinding & Mixing Machinery**

*See also Mills, Grinding; also Machinery, Pulverizing*

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*

Acton John, 118 John, Brooklyn, N. Y.

BARTLETT C. O. & SNOW CO., French Cleveland, O.

*See adv index at end of book*  
Bay Gottfried, 537 W 50th, New York

Campbell P. F., 51 Laurel, Phila., Pa.

Canton Foundry & Machine Co. ("Canton," Mixing Only; Liquid & Semi-Paste), Canton, O.

Day J. H. Co., Cincinnati, O.

Gaston's N. B. Sons Co. (Grinding), Beloit, Wis.

Holmes & Blanchard Co., 31 State, Boston, Mass.

Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

Kent Machine Works, 39 Gold, Brooklyn, N. Y.

Manitowoc Engineering Works, Manitowoc, Wis.

Nebel M. A., 72 Grand av, Brooklyn, N. Y.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Patterson Fdry. & Mach. Co., E. Liverpool, Ohio

Poole Engng. & Mach. Co., Woodberry sta., Baltimore, Md.

Raymond Bros. Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Sprout, Waldron & Co., Muncy, Pa.

Union Engineering Co., 1616 Columbus rd, Cleveland, O.

Waterville Fdry. & Mfg. Co., Waterville, N. Y.

Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

**8692—Paint Roll Machines**

Robinson J. M. Mfg. Co., Cincinnati, O.

**8693—Paint & White Wash Spraying Machines**

*See also Pneumatic Painting Machine*

Bean Spray Pump Co. ("Bean" Pneumatic), San Jose, Cal.

Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.

De Vilbiss Mfg. Co. ("Aeron" Pneumatic), Toledo, O.

Eclipse Air Brush Co., 79 Orange, Newark, N. J.

FOX M. EWING CO., 241 E 136th, New York *See adv index at end of book*

Gustin-Bacon Mfg. Co., Kansas City, Mo.

Hardie Mfg. Co. (Pneumatic), Hudson, Mich.

Humphryes Mfg. Co. ("Hercules" & "Ajax"), Mansfield, O.

Hurst H. L. Mfg. Co. ("Fitz-All"), Canton, O.

Koenigkramer F. & F. ("Paragon"), 1914 Western av, Cincinnati, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Lederer F. J. Co., 66 Forest av, Buffalo, N. Y.

MacLeod Co. ("Buckeye"), 2232 Bogen, Cincinnati, O. *See adv index at end of book*

Muralo Company ("Cyclo"), Rich. Ter., New Brighton, Borough of Richmond, N. Y.

Myers F. E. & Bro. ("Myers," "Century," "Handy," "Hydraulic," "Duplex" & "Ratchet Handle" Automatic), 800 Orange, Ashland, O. *See adv index at end of book*

Niagara Devices (Inc.) ("Niagara Devices"), 128 Dearborn, Buffalo, N. Y.

Spray Engineering Co. ("Spraco," Also for Coating High Explosive Shells, Automobile Parts & For Paraffin Coatings), 93 Federal, Boston, Mass.

Star Brass Works ("Binks Star"), 319 N Albany av, Chicago, Ill.

Star Pointer Pump Mfg. Co., Menasha, Wis.

**8694—Pamphlet Stitching Machines**

*See also Wire Stitching Machines*

Brown R. H. & Co., New Haven, Conn.  
Rosback F. P. Co., Benton Harbor, Mich.

**8695—Pan Cleaning & Greasing Machines**

Gottschalk & Co. ("Standard," for Bakers) Reedsville, Pa.

Maag August Co., 509 W. Lombard, Baltimore, Md.

**8696—Pan Forming Machinery**

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**8697—Panel Raising Machines**

Amer. Woodworking Machy. Co., Rochester, N. Y.

Bentel & Margedant Co., Hamilton, O.

Cordesman Rehtin Co., Butler, Cincinnati, O.

Falls Machine Co., Sheboygan Falls, Wis.

Fay J. A. & Egan Co., Cincinnati, O.

Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.

Heath W. A. Machine Co., Lestershire, N. Y.

Smith & Phillips, Mfg. Co., 412 N Sangamon, Chicago, Ill.

**8698—Pantograph Machines**

Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

Keller Mechanical Engraving Co., 70 Washington, Brooklyn, N. Y.

**8699-700—Paper Bag Machinery**

Brown Bag Filling Machine Co. (Making, also for Filling & Sealing Flat Paper Bags), Fitchburg, Mass.

Fischer Machine Co., 310 N 11th, Phila., Pa.

Fuller-Saxton Co., Drexel bldg, Phila., Pa.

Lockport Machine Co. (Flat & Square), Lockport, N. Y.

Paper Working Machines Co., 667 Kent av, Brooklyn, N. Y.

Potdevin Machine Co., 253 36th, Brooklyn, N. Y.

Schmidt F. L. Co., 11th av & 21st, New York

Smith & Winchester Mfg. Co. (Cement, Flour, etc), South Windham, Conn.

South Bend Paper Co., South Bend, Ind.

**8701—Paper Board Printing Machines**

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

Grammes L. F. & Sons, Allentown, Pa.

**8702—Paper Bottle Cap Machinery**

Swift Geo. W. Jr., Bordentown, N. J.

**8703—Paper Box, Corner Cutting Machines**

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

Hobbs Mfg. Co., Worcester, Mass.

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

**8704—Paper Box Corner Staying Machines**

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

Hobbs Mfg. Co., Worcester, Mass.

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

**8705—Paper Box Covering Machines**

BECK CHAS. CO., 607 Chestnut, Phila., Pa. *See adv index at end of book*

Hobbs Mfg. Co., Worcester, Mass.

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

Stokes & Smith Co., Summerdale Sta., Phila., Pa.



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**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Herrick & Cowell (Rotary), New Haven, Conn.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

### 8707—Paper Box Edging Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Hobbs Mfg. Co., Worcester, Mass.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

### 8708—Paper Box Ending Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Hobbs Mfg. Co., Worcester, Mass.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

### 8709—Paper Box Folding & Glueing Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Herrick & Cowell (Hand Fed), New Haven, Conn.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Standard Automatic Machine Co., Rochester, N. Y.

### 8710—Paper Box Forming Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

### 8711—Paper Box Gumming Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Hobbs Mfg. Co., Worcester, Mass.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

### 8712—Paper Box Machinery

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Grammes L. F. & Sons, Allentown, Pa.  
Griswold Geo. M. Machine Co., New Haven, Conn.  
Herrick & Cowell, New Haven, Conn.  
Hinze H., 116 Nassau, New York  
Hobbs Mfg. Co. (Folding Machines), Worcester, Mass.  
Inman Mfg. Co., Amsterdam, N. Y.  
Jacques John & Son, Worcester, Mass.  
Kingsbury & Davis Machine Co. ("Standard" Automatic Double End Setting), Contoocook, N. H.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Langston Samuel M. Co., Camden, N. J.  
Latham Machinery Co., 1153 Fulton, Chicago, Ill.  
Leffler Chas. & Co. (Metal Edge), 59 Clymer, Brooklyn, N. Y.  
*See adv index at end of book*  
Marshall Son & Co. (Gauge Table Shears, etc.), 226 Purchase, Boston, Mass.  
National Metal Edge Box Co., 8th & Willow, Phila., Pa.  
Rau Emanuel, 30 Church, New York  
Robinson John T. Co., Hyde Park, Mass.  
Saranac Machine Co. ("Advance" Stapling Machines), Benton Harbor, Mich.  
Sheridan T. W. & C. B. Co., 434 B'way, New York

Standard Automatic Machine Co., Rochester, N. Y.  
Stokes & Smith Co., Summerdale Sta., Phila., Pa.  
Swift Geo. W. Jr., Bordentown, N. J.

### 8713—Paper Box Printing Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Grammes L. F. & Sons, Allentown, Pa.  
Kidder Press Co. (For Cartons), Dover, N. H.

### 8714—Paper Box Sealing Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Standard Automatic Machine Co., Rochester, N. Y.  
Union Engineering Co., 1616 Columbus rd., Cleveland, O.

### 8715—Paper Box Thumbhole Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

### 8716—Paper Box Topping Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Hobbs Mfg. Co., Worcester, Mass.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

### 8717—Paper Box Wire Stitching Machines

Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

### 8718—Paper Box Wrapping Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

### 8719—Paper Calendering Machines

Clark H. C. & Son Machine Co., Lee, Mass.  
Norwood Engineering Co., Florence, Mass.

### 8720—Paper Can Machinery

Chicago Paper Tube & Can Co., ("Williams," for Round Paper Cans & Boxes), 168 N May, Chicago, Ill.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Paper Working Machines Co., 667 Kent av., Brooklyn, N. Y.

### 8721—Paper Clip & Fastener Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.  
Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
Special Machinery Co. (Automatic), Bridgeport, Conn.

### 8722—Paper Coating Machines

Knowlton M. D. Co. (Silicate of Soda & Tint Solutions), 26 Elizabeth, Rochester, N. Y.  
Moore & White Co., N 15th & Lehigh av., Phila., Pa.  
Waldron John Co., New Brunswick, N. J.  
Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

### 8723—Paper Covering Machines

Knowlton M. D., 26 Elizabeth, Rochester, N. Y.  
Watson Machine Co., Paterson, N. J.

### 8724—Paper Cutting Machines

Abbe Engineering Co. (Paper Scrap), 220 B'way, New York  
*See adv index at end of book*  
**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
Beloit Iron Works, Beloit, Wis.  
Black-Clawson Co. ("Perfect"), Hamilton, O.  
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
Central Machine Co., Niagara Falls, N. Y.  
Challenge Machy. Co. ("Advance," "Diamond" Lever & Power), Grand Haven, Mich.  
Champion Paper Cutter Co., Piqua, O.  
Chandler & Price Co. (Lever & Power), Cleveland, O.  
Child Acme Cutter & Press Co. ("Acme" Self-Clamping), 184 Summer, Boston, Mass.  
Clark H. C. & Son Machine Co. (Revolving for Paper Mills), Lee, Mass.  
Dexter Folder Co., 200 5th av, New York  
Dillon Machine Co. (Horizontal & Vertical, Single, Double Cutters), Lawrence, Mass.  
Eardley Wm. F. & Bro., 138 Centre, New York  
Fuller E. C. Co. ("White"), 28 Reade, New York  
Golding Mfg. Co., Franklin, Mass.  
Grammes L. F. & Sons, Allentown, Pa.  
Hamblet Mach. Co. (Revolving), Lawrence, Mass.  
Highland Mach. Co. ("National"), 58 Kemble, Rox., Boston, Mass.  
Hinze H., 116 Nassau, New York  
Inman Mfg. Co., Amsterdam, N. Y.  
Interstate Mach. Co. (Corner Cutters), Troy, N. Y.  
Jacques Jno. & Son (14 inch Long), Worcester, Mass.  
Kidder Press Co., Dover, N. H.  
Knowlton M. D. Co., 203 Wooster, Rochester, N. Y.  
Langston Samuel M. Co. (Rotary, for Fine Card Work), Camden, N. J.  
Oswego Machine Works ("Oswego," "Brown & Carver," Hand Lever, Bench, Hand Wheel Drive, Power, etc.), Oswego, N. Y.  
Rice Barton & Fales Machine & Iron Co. ("Hill" Diagonal; also Revolving), Worcester, Mass.  
Seybold Machine Co., Dayton, O.  
Sheridan T. W. & C. B. Co., 434 B'way, New York  
Smith & Winchester Mfg. Co. (Undercut Trimmer for Paper Mills), S Windham, Conn.  
Standard Machy Co. ("Keystone"), Mystic, Conn.

### 8725—Paper Feeding Machines

Cross Paper Feeder Co., 185 Summer, Boston, Mass.  
Dexter Folder Co., 200 5th av, New York  
Hickok W. O. Mfg. Co., Harrisburg, Pa.  
United Printing Machinery Co. (Automatic), 100 Summer, Boston, Mass.

### 8726—Paper Folding Machines

(For Bookbinders, Printers, Etc.)  
**AMERICAN FOLDING MACHINE CO.** ("American"), Warren, O.  
Borden Co., The, Warren, O.  
*See adv index at end of book*  
Brown Folding Machine Co., Erie, Pa.  
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.  
Cleveland Folding Machine Co. ("New Idea"), Cleveland, O.  
Dexter Folder Co., 200 5th av, New York  
Dillon Mach. Co. ("Brannan"), Lawrence, Mass.



Eclipse Folding Machine Co., Sidney, O.  
Fuller E. C. Co., 28 Reade, New York  
Grammes L. F. & Sons, Allentown, Pa.  
Herrick Chas. E., Northampton, Mass.  
Mentges Folder Co., Sidney, O.  
Omaha Folding Machine Co., Omaha, Neb.  
Sheridan T. W. & C. B. Co., 434 B'way, New York

### 8727—Paper Making Machines (Miniature)

McKim Foundry & Machine Co. (For Laboratories, Color Mfrs., etc), Lockport, N. Y.

### 8728—Paper Milk Bottle Machinery

Burpee & Letson, Ltd., Bellingham, Wash.

### 8729—Paper Napkin Machinery

Waldron John Co., New Brunswick, N. J.

### 8730—Paper Pail Machinery

Paper Working Machines Co. (Ice Cream & Oyster Pail, etc), 667 Kent av, Brooklyn, N. Y.

### 8731—Paper Punching Machinery

See also Perforating Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

Grammes L. F. & Sons (Foot & Power), Allentown, Pa.

Hinze H., 116 Nassau, New York

Knowlton M. D. Co. (Also Cardboard, Asbestos, etc), 26 Elizabeth, Rochester, N. Y.

Latham Machinery Co. ("Monitor" Duplex & Multiplex), 1153 Fulton, Chicago, Ill.

Rosback F. P. Co., Benton Harbor, Mich.

Sheridan T. W. & C. B. Co., 434 B'way, New York

Southworth Machine Co. ("Southworth" Hand & Foot Power & "Portland" Multiple Foot & Power), Portland, Me.

### 8732—Paper Rewinding Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

Downington Mfg. Co., East Downington, Pa.

Kidder Press Co., Dover, N. H.

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

Ticonderoga Machine Works ("Warren," Double Drum), Ticonderoga, N. Y.

### 8733—Paper Rule Forming Machines

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

Herrick & Cowell, New Haven, Conn.

### 8734—Paper Ruling Machines

Grissinger Machine Works, 904 Quarry, Phila., Pa.

Hickok W. O. Mfg. Co., Harrisburg, Pa.

### 8735—Paper Saturating, Coating & Water-proofing Machines

Moore & White Co., N 15th & Lehigh, Phila., Pa.

### Paper Scoring Machines

See paper Box Cutting & Scoring Machines

### 8736—Paper Shipping Case Machinery

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

### 8737—Paper Slitting & Rewinding Machines

American Machine Co., Newark, Del.

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

Beloit Iron Works (Rewinders), Beloit, Wis.

Black-Clawson Co., Hamilton, O.

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Dietz Machine Works, 126 Fontain, Phila., Pa.

Fales L. F. (Paper Slitting), Walpole, Mass.

Grissinger Machine Works, 904 Quarry, Phila., Pa.

Griswold George M. Machine Co. (Rotary Sheet Slitting, etc), New Haven, Conn.

Hamblett Machine Co. (Top Slitters), Lawrence, Mass.

Hobbs Mfg. Co., Worcester, Mass.

Jacques Jno. & Son (For Paper Box Covering & Trimming), Worcester, Mass.

Jolly J. & W., Holyoke, Mass.

Kidder Press Co., Dover, N. H.

Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

Koegel Chas. & Sons, Holyoke, Mass.

Krauth & Benninghofen (Slitters), Hamilton, O.

Langston Samuel M. Co., Camden, N. J.  
Marshall Son & Co. (For Roll Paper), 226 Purchase, Boston, Mass.

Meisel Press Co., 942 Dorchester av, Boston, Mass.

Moore & White Co., N 15th & Lehigh av, Phila., Pa.

Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

### 8738—Paper Stapling Machines

Acme Staple Co. (Ltd.), (For Bookbinders), Camden, N. J.

**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*

Hotchkiss E. H. Co., Norwalk, Conn.

### Paper Stock Cutting Machines

See Rag Cutting Machines

### 8739—Paper Stock Thickening Machines

Ticonderoga Machine Works, Ticonderoga, N. Y.

### 8740—Paper Tapeing Machines

New England Butt Co. (For Covering Wire with Paper), 304 Pearl, Providence, R. I.

### 8741—Paper Towel Machinery

Dietz Machine Works (Perforating, Slitting & Rewinding), 126 Fontain, Phila., Pa.

### 8742—Paper Tube Machines

Dietz Machine Works, 126 Fontain, Philadelphia, Pa.

Grissinger Machine Works (Automatic), 904 Quarry, Phila., Pa.

Griswold George M. Machine Co. (Semi-Automatic), New Haven, Conn.

Knowlton M. D. Co., 203 Wooster, Rochester, N. Y.

Leffler Chas. & Co. (Spiral Tube Winding), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Paper Working Machines Co., 667 Kent av, Brooklyn, N. Y.

### 8743—Paper Twine & Cordage Machinery

Brownell G. L., Worcester, Mass.

### 8744—Paper & Pulp Mill Machinery

Appleton Machine Co., Appleton, Wis.

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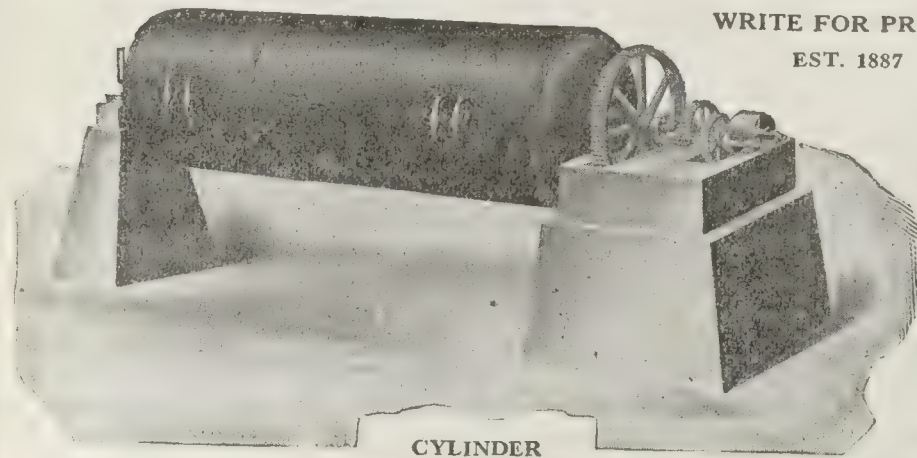
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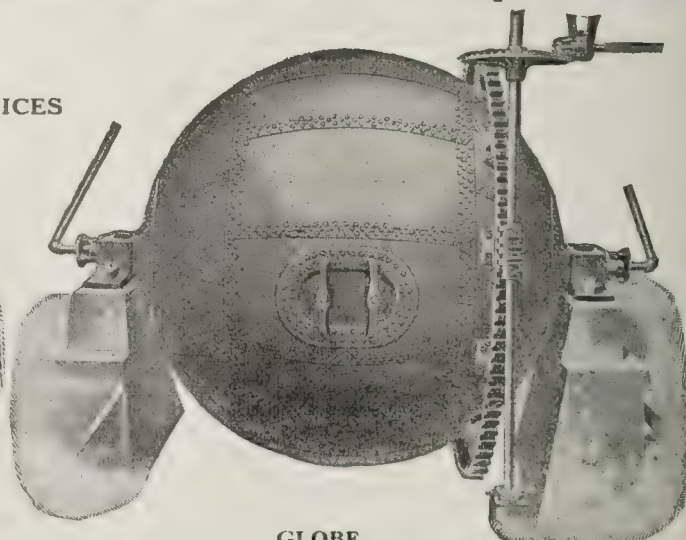
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 Dilts Machine Works, (Inc.), Fulton, N. Y.  
 Dix Chas. B., Glens Falls, N. Y.  
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 Scott Olin (Est. of) (Wood Pulp), Bennington, Vt.  
 Shartle Bros. Machine Co., Middletown, Ohio  
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 Stellman L. H. & Son, Brattleboro, Vt.  
 Thompson Mfg. Co., Lancaster, N. H.  
 Ticonderoga Machine Works, Ticonderoga, N. Y.  
 Union Iron Works, Bangor, Me.  
 Union Machine Co., Fitchburg, Mass.  
 Valley Iron Works Co., Appleton, Wis.  
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*See adv index at end of book*  
 Windsor Locks Machine Co., Windsor Locks, Conn.  
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*See adv index at end of book*  
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**8746—Paraffine Wax Machinery**  
 Patterson Foundry & Machine Co., East Liverpool, O.

### 8747—Paraffining Machines

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 Waldron Jno. Co., New Brunswick, N. J.

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 Loew Mfg. Co. ("New Era," "Monitor," Beer; also "In-the-Bottle"-Milk), Cleveland, O.  
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 Miller Pasteurizing Machine Co. ("Miller"), Canton, O.  
 Twentieth Century Machinery Co., M. & M. Bank bldg, Milwaukee, Wis.  
**VILTER MFG. CO.** ("Badger" for Beer & Milk), 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*

### 8750—Pasting Machines

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*See Presses, Type Embossing*

### Pattern Makers' Machinery

*See Lathes, Pattern Makers'*

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Baker Bros., Toledo, O.  
 Bentel & Mergedant Co., Hamilton, O.  
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 Hobbs Mfg. Co., Worcester, Mass.  
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 West Side Iron Works (Band Sawing Machines), Grand Rapids, Mich.

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 Robins A. K. & Co., 116 Market pl., Baltimore, Md.  
 Sprague Canning Machinery Co. (For Cannerys), 222 N Wabash av., Chicago, Ill.

### 8755—Pea Feeding Machines

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### Pea Harvesting Machinery

*See Harvesters, Bean & Pea*

### 8756—Pea Hulling Machinery

*See Hullers, Bean & Pea*  
 Chisholm-Scott Co., Cadiz, O.

### 8757—Peach Pitting Machines

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 Sprague Canning Machinery Co. (For Cannerys), 222 N Wabash av., Chicago, Ill.

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Sprague Canning Machinery Co., 222 N Wabash av., Chicago, Ill.

### 8759—Peanut Machinery

Appomatox Iron Works & Supply Co., Petersburg, Va.  
 Ayers J. R. Petersburg, Va.  
 Cardwell Machine Co. (Pickers & Cleaners, Shellers & Separators), 1900 E Cary, Richmond, Va.  
 Howes S. Co. (For Cleaning, Grading & Separating), Silver Creek, N. Y.  
 Huntley Mfg. Co., ("Monitor" Cleaning, Grading, Separators, Aspirators), Silver Creek, N. Y.  
 Johnson & Field Mfg. Co., Racine, Wis.  
 Lambert Machine Co. (Butter), Marshall, Mich.  
 Stratton Bragg Co. (Picker, Cleaners, etc), Petersburg, Va.  
 Straub A. W. Co., Phila., Pa.

### Peanut Roasting Machines

*See Coffee, Peanut & Cocoa Bean Roasting Machines*

### 8760—Pearl Button Machinery & Tools

Holub-Dusha Co., 1799 1st av., New York

### 8761—Peat Fuel Machinery

American Process Co., 68 William, New York  
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 Manitowoc Engng. Works, Manitowoc, Wis.

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*See Parers, Fruit & Vegetable*

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 Cummins B. F. Co. ("Chicago" Hand, for Check, R. R. Ticket Dating, etc), 4740 W. Ravenswood av., Chicago, Ill.  
 Griswold George M. Machine Co. (Paper), New Haven, Conn.

Hearne Robert J., 12 Wooster, New York  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

Latham Machinery Co. ("Monitor" for Paper, etc), 1153 Fulton, Chicago, Ill.  
 Long & Allstatter Co. (Sheet Metal), Hamilton, O.

Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.

**NIAGARA MACHINE & TOOL WORKS**, (For Sheet Metal), Buffalo, N. Y.  
*See adv index at end of book*

Roberts Numbering Machine Co., 706 Jamaica av., Brooklyn, N. Y.

Rosback F. P. Co. (Paper), Benton Harbor, Mich.

Tatum Sam'l C. Co. (Paper), Colerain av & Monmouth Camp Wash, Cincinnati, O.

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**WERNER PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*



**8765—Phosphate Mill Machinery**

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
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 Holmes & Blanchard Co., 31 State, Boston, Mass.  
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 Ocala Iron Works, Ocala, Fla.  
 Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.  
 Walker & Elliott, 2nd & Lombard, Wilmington, Del.

**8766—Photo Engravers' Machinery**

Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.  
 Royle John & Sons, Paterson, N. J.  
 Wesel F. Mfg. Co., 70 Cranberry, Brooklyn, N. Y.

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Dietz Machine Works, 126 Fontain, Phila., Pa.

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National Photograph Machine Co. (One Minute for Tintypes & Postcards), 85 Beaver, New York

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*See adv index at end of book*

**8771—Piano Action Machinery**

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 Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

**Pin Machinery**

See Hook & Eye Machines

**8781—Pin Pointing Machinery**

Baird Machine Co. ("Automatic"), Bridgeport, Conn.  
 Mannville E. J. Mach. Co., Waterbury, Conn.

**8782—Pin Sticking Machines**

Baird Machine Co. ("Automatic"), Bridgeport, Conn.

**8783—Pineapple Machinery**

Lewis E. J. (Peeling), Middleport, N. Y.  
 Mitchell Jno. R. Co. (Graters, Sizers, etc), 702 S Washington, Baltimore, Md.  
 Sinclair-Scott Co., B. & O. R. R., Wells & Patapsco, Baltimore, Md.  
 Sprague Canning Machinery Co. (For Canners), 222 N Wabash av, Chicago, Ill.  
 Stevenson & Co., 607 S Caroline, Baltimore, Md.  
 Zastrow Geo. W., 1410 Thames, Baltimore, Md.

**8784—Pinion Cutting Machines**

See also Gear Cutting Machines

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.  
**STARK TOOL CO.** (Automatic, Cuts Pinion 1-16 to 5-8), Waltham, Mass.  
*See adv index at end of book*

**8785—Pinion Polishing Machines**

**STARK TOOL CO.** ("Stark," Rotary Leaf), Waltham Mass.  
*See adv index at end of book*

**8786—Pinion & Wheel Cutting Machines**

**STARK TOOL CO.** (Cuts from 1-16 to 4 Inches in Diameter), Waltham, Mass.  
*See adv index at end of book*

**8787—Pinking & Scalloping Machines**

Ahlstrom O. J., 711 B'way, New York  
 Durbrow & Hearne Mfg. Co., 12 Wooster, New York  
 Hannum H. A. & Co., 303 Wallace, Syracuse, N. Y.  
 Lindner & Vradenburgh (Pinking), 239 Centre, New York  
 Osborne C. S. & Co. ("C. S. O. & Co." for Harness Makers, etc), Harrison, N. J.  
 Oswego Machine Works, Oswego, N. Y.  
 Rotary File & Machine Co. (Pinking Machine Only), 200 Diamond, Brooklyn, N. Y.  
 Smith & Winchester Mfg. Co., South Windham, Conn.

**8788—Pipe Bending Machines**

American Pipe Bending Machine Co., 39 Pearl, Boston, Mass.  
 Cox J. Fillmore & Co., Bayonne, N. J.  
 Pedrick Tool & Machine Co., 3642 N Lawrence, Phila., Pa.  
 Pipe Machy. Co. (Pipe Mill), Cleveland, O.  
 Standard Engineering Co., Elwood City, Pa.  
 Underwood H. B. & Co., 1024 Hamilton, Phila., Pa.  
 Wallace Supplies Mfg. Co. (Hand Power), 412 Orleans, Chicago, Ill.  
 Walworth Mfg. Co., Boston, Mass.  
 Wells Frank L. Co. ("Simmons," for Brass & Steel Pipe), Kenosha, Wis.  
 Wrigley Thos. Co., 416 S Dearborn, Chicago, Ill.

**8789—Pipe Calking Machines**

Smith A. P. Mfg. Co. ("O'Neil" Steam), East Orange, N. J.

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When writing to firms whose names appear in this book please mention

## Hendricks' Commercial Register



**8790—Pipe Crushing & Shearing Machines (Combined)**

United Engineering & Fdry. Co., 307 5th av. Pittsburgh, Pa.

**8791—Pipe Cutter & Die Grinding Machines**

See also Grinders, Die  
Bignall & Keeler Mfg. Co. ("B. & K."), Edwardsville, Ill.  
Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
Murchey Machine & Tool Co., Detroit, Mich.

**8792—Pipe Cutting & Threading Machines**

See also Cutters, Pipe  
**ARMSTRONG MFG. CO.** ("Armstrong"), 278 Knowlton, Bridgeport, Conn.  
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Bignall & Keeler Machine Wks. ("Peerless," "P. D. Q. C.," "Duplex"), Edwardsville, Ill.

**BORDEN CO. THE** ("Beaver," Hand), Warren, O. *See adv index at end of book*  
Clow Jas. B. & Sons (Portable), Franklin & Harrison, Chicago, Ill.

Cox & Sons Co. (Motor, Belt, Engine, Steam or Compressed Air Driven & Constant Variable Speed), 5th & Chestnut, Phila., Pa.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
Curtis & Curtis Co. ("Forbes," Hand & Power), Bridgeport, Conn.

Detrick & Harvey Machine Co. (Pipe Threading Only), 508 E Preston, Baltimore, Md.

Fox Machine Co. (Cutting Machines Only), Jackson, Mich.

**GREENFIELD TAP & DIE CORP'N** ("G. T. D." with Automatic Die Heads, Hand & Power), Greenfield, Mass. *See adv index at end of book*

Hart Mfg. Co. (Hand), Cleveland, O.

Jarecki Mfg. Co., Erie, Pa.

Johnston Wm. I. Co. (Lathecut), 3d & Vine, Cincinnati, O.

Landis Machine Co. ("Landis," Threading), Waynesboro, Pa.

Loew Mfg. Co., Cleveland, O.

McMann & Taylor Co., 104 John, New York. *See adv index at end of book*

Merrell Mfg. Co. ("Apex," "Merrell"), 278 Curtis, Toledo, O.

Murchey Machine & Tool Co. (For Nipple & Pipe Threading; also Rapid Roller Pipe Cutters), Detroit, Mich.

National Machy. Co. (Pipe Threaders), Tiffin, O.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Oster Mfg. Co., Cleveland, O.

Pipe Machy. Co. (1/8 to 12 in.), Cleveland, Ohio

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Sandusky Foundry & Machine Co., Sandusky, O.

San Francisco Eng. Co., 322 6th, San Francisco, Cal.

Saunders D. Sons ("I. X. L."), Yonkers, N. Y.

Smith A. P. Mfg. Co. ("French," Pipe Cutting Machines), East Orange, N. J.

Standard Engng. Co. ("Standard Wield," "Mill Type" Threading), Elwood City, Pa.

Taylor-Wilson Mfg. Co. (For Pipe & Tube Mills, etc), McKees Rocks, Pa.

Treadwell Engineering Co., Easton, Pa. *See adv index at end of book*

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

Universal Machine Co. ("Wilson"), Bowling Green, O.

Walworth Mfg. Co., Boston, Mass.

Williams Tool Co. (Pipe Cutting & Threading), Erie, Pa.

**8793—Pipe Expanding & Flanging Machinery**

Patterson-Allen Engineering Co. (Hydraulic), 2 Rector, New York  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

**8794—Pipe Polishing Machines**

Standard Engineering Co., Ellwood City, Pa.

**Pipe Threading Machines**

See Pipe Cutting & Threading Machines

**8794a—\*Pipe Threading & Cutting Machines**

**LANDIS MACHINE CO.**, Waynesboro, Pa.

**8794b—\*Pipe & Nipple Threading Machines**

**LANDIS MACHINE CO.**, Waynesboro, Pa.

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Rosedale Fdry. & Mach. Co., Washington & Preble, Pittsburgh, Pa.

Standard Engng. Co., Elwood City, Pa.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

**8796—Pipe & Tube Straightening Machines**

Brightman Mfg. Co., Columbus, O.

Etna Machine Co., Toledo, O.

Logemann Bros. Co. (Hydraulic), 3130 Burleigh, Milwaukee, Wis.

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

**8797—Piston & Piston Ring Machines (Automatic)**

Potter & Johnston Machine Co., Pawtucket, R. I.

**8798—Pitching Machines**

Cleveland Brewers Supply Co. ("Waibel's," Pitching & Spraying), 1506 W 25th, Cleveland, O.

Eureka Machine Shop, Cleveland, O.

Kaestner & Hecht Co. ("Perfection"), 500 Throop, Chicago, Ill.

National Machine Works, 1559 Sheffield av, Chicago, Ill.

Pawling & Harnischfeger Co. ("Milwaukee"), Milwaukee, Wis.

Rauh David (Automatic Imported), 55 B'way, New York

Zunner Machine Co., Rochester, N. Y.

**8799—Pivot Polishing Machines**

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.  
**STARK TOOL CO.** ("Stark," Wig-Wag & Rotary Leaf), Waltham, Mass.  
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**8800—Placer Mining Machinery**

Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

United Iron Works, Oakland, Cal.

**8801—Planing Machines (Angle)**

**HILLS & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**8802—Planing Machines (Bench)**

Bartlett E. E. ("Federal") 326 A, Boston, Mass.

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Wallace J. D. & Co. (Wood), 1401 W Jackson blvd, Chicago, Ill.

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American Wood Working Machinery Co., Rochester, N. Y.

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Cordesman-Rechtin Co., Butler, Cincinnati, O.

Crescent Machine Co., Leetonia, O.

Frank Machinery Co., Buffalo, N. Y.

Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Holmes E. & B. Machinery Co., Buffalo, N. Y.

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Oliver Machinery Co., Grand Rapids, Mich.

Porter C. O. Machinery Co. ("Porter" Hand Joint), Grand Rapids, Mich.

Sidney Tool Co., Sidney, O.

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Union Iron Works, Bangor, Me.

Yates P. B. Machine Co., Beloit, Wis.

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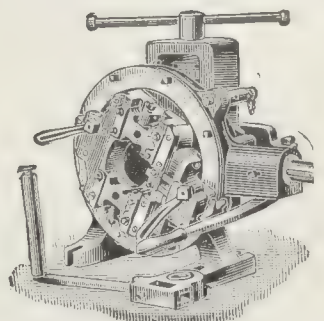
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 Niles-Bement-Pond Co., 111 B'way, New York  
 Woodward & Powell Planer Co., Worcester, Mass.

**8808—Planing Machines (Gear)**

Gleason Works (For Bevel Gears), 2000 University av, Rochester, N. Y.  
 Schuchardt & Schutte (for Bevel Gears), 90 West, New York

**8809—Planing Machines (Hand & Foot Power)**

Bentel & Margedant Co. (Hand), Hamilton, O.  
 Shepard Lathe Co., 207 E 6th, Cincinnati, Ohio  
 Yates P. B. Machine Co., Beloit, Wis.

**8810—Planing Machines (Heading)**

Oram Jno. S. Co., Cleveland, O.  
 Rochester Barrel Machine Works, Rochester, N. Y.  
 Trevor Mfg. Co., Lockport, N. Y.

**8811—Planing Machines (Hydraulic)**

Burroughs Chas. Co., 141 Commerce, Newark, N. J.

**8812—Planing Machines (Locomotive Connecting Rod)**

Cincinnati Planer Co., Cincinnati, O.  
*See adv index at end of book*  
 Woodward & Powell Planer Co., Worcester, Mass.

**8813—Planing Machines (Locomotive Cylinder)**

Cincinnati Planer Co., Cincinnati, O.  
*See adv index at end of book*  
 Morton Mfg. Co., Muskegon, Mich.

**8814—Planing Machines (Metal Working)**

American Tool Works Co., Cincinnati, O.  
 Betts Machine Co., Maryland av & South, Wilmington, Del.  
 Bickett Machine & Mfg. Co., 1112 Richmond, Cincinnati, O.

**The Cincinnati Planer Co., Cincinnati, U.S.A.**

Cincinnati Shaper Co. (Crank), Cincinnati, Ohio  
 Cleveland Planer Works (Open Side), Cleveland, O.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
 Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.  
 Gray G. A. Co., Cincinnati, O.  
 Hamilton Machine Tool Co. (24 to 96 inches), Hamilton, O.  
 Morton Mfg. Co. (Portable), Muskegon Heights, Mich.  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Ohio Machine Tool Co. ("Ohio," 22x22 inches, up to 56x48 inches), Kenton, O.  
 Putnam Machine Co., Fitchburg, Mass.  
 Rockford Machine Tool Co. ("Rockford" Single Geared Crank, Back Geared Crank, etc.), Rockford, Ill.  
 Ryerson Jos. T. & Son ("Rockford"), 2558 W 16th, Chicago, Ill.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Whitcomb-Blaisdell Machine Tool Co., Worcester, Mass.  
 Wilson W. A. Machine Co., Rochester, N. Y.  
 Woodward & Powell Planer Co. ("Hy-Speed" Accelerating High Cutting Speed), Worcester, Mass.

**8815—Planing Machines (Open Side)**

Cleveland Planer Works ("Cleveland") Cleveland, O.  
 Detrick & Harvey Machine Co. (Also Convertible & Double Housing), 508 E Preston, Baltimore, Md.  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*

**8816—Planing Machines (Plate)**

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
**HILLES & JONES Co.**, East Wilmington, Del. *See adv index at end of book*  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

**8817—Planing Machines (Pony)**

*See also Planing Machines, Wood*

American Sawmill Machinery Co., Hackettstown, N. J.  
 American Wood Working Machinery Co., Rochester, N. Y.  
 Central Machine Works Co., 1234 Central av, Minneapolis, Minn.  
 Connell & Dengler Machine Co., Rochester, N. Y.  
 Crescent Machine Co., Leetonia, O.  
 De Loach Mill Mfg. Co., Bridgeport, Ala.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Frank Machinery Co., Buffalo, N. Y.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Holmes E. & B. Machinery Co., Buffalo, N. Y.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.  
 Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.  
 Lane Mfg. Co., Montpelier, Vt.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Porter C. O. Machinery Co., Grand Rapids, Mich.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Sidney Tool Co., Sidney, O.  
 Union Iron Works, Bangor, Me.  
 Yates P. B. Machine Co., Beloit, Wis.

**8818—Planing Machines (Rail)**

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.  
 Vixen Tool Co., 50th & Lancaster av, Phila., Pa.

**8819—Planing Machines (Rotary)**

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
 Newton Machine Tool Works (Portable & Stationary), 23 Vine, Phila., Pa.  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Underwood H. B. & Co. (Boring Bars), 1023 Hamilton, Phila., Pa.  
 Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

**8820—Planing Machines (Slate)**

*See also Machinery, Slate*

Flory S. Mfg. Co., Bangor, Pa.  
 Ruggles Machine Co., Poultney, Vt.

**8821—Planing Machines (Stave)**

Oram John S. Co., Cleveland, O.  
 Rochester Barrel Machine Co., Rochester, N. Y.

**8822—Planing Machines (Stone)**

*See also Machinery, Stone Working*  
 Birmingham Iron Foundry (Regular with Four Heads; also Open Side), Derby, Conn.  
 Farrel Fdry & Machine Co., Ansonia, Conn.  
 Lincoln Iron Works ("Gilmour"), Rutland, Vt.  
 New Albany Machine Mfg. Co., New Albany, Ind.  
 Patch F. R. Mfg. Co., Rutland, Vt.  
 Ruggles Machine Co. ("Ruggles" for Soft Stone), Poultney, Vt.

**8823—Planing Machines (Traveling Bed)**

Chase Turbine Mfg. Co. (Planers 24 in. Wide to 12-in. Thick), Orange, Mass.  
 Yates P. B. Machine Co., Beloit, Wis.

**8824—Planing Machines (Wood)**

American Sawmill Machinery Co., Hackettstown, N. J.  
 American Wood Working Machinery Co., Rochester, N. Y.  
 Baxter Machine Co., Lebanon, N. H.  
 Bentel & Margedant Co., Hamilton, O.  
 Colladay Jos. O. Co., 626 Race, Phila., Pa.  
 Cordesman-Rechtin Co., Butler, Cincinnati, Ohio  
 Crescent Machine Co., Leetonia, O.  
 Defiance Machine Works, Defiance, O.  
 De Loach Mill Mfg. Co., Bridgeport, Ala.  
 Falls Machine Co., Sheboygan Falls, Wis.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Fisher & Davis Mfg. Co. ("Little Giant"), 934 N First, St. Louis, Mo.  
 Frank Machinery Co., Buffalo, N. Y.  
 Gerlach Peter Co. (Single, Double & Four Sided for Chair, Furniture, Box Board, Staves & Heading, etc.), 1713 Winter, Cleveland, O.  
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.  
 Holmes E. & B. Mach'y Co., Buffalo, N. Y.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.  
 Humphrey Machine Co., Keene, N. H.  
 Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.  
 Kane & Roach, Syracuse, N. Y.  
 Kidder R. E. Co., Worcester, Mass.  
 Lane Mfg. Co., Montpelier, Vt.  
 Myers Machine Co., Sheboygan, Wis.  
 National Woodworking Machine Co., Dover, N. H.  
 Newman Machine Co., Greensboro, N. C.  
 Oliver Mach'y Co. (Surface), Grand Rapids, Mich.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Prybil P. Machine Co., 520 W 41st, New York  
 Ricker T. H. & Sons Co., Harrison, Me.  
 Salem Iron Works, Winston-Salem, N. C.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Stellman L. H. & Son (Rotary Bed), Brattleboro, Vt.  
 Stetson-Ross Machine Works, Seattle, Wash.  
 Strong Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.  
 Union Iron Works, Bangor, Me.  
 Wallace J. D. & Co., 1401 W Jackson Blvd, Chicago, Ill.  
 Whitney Baxter D. & Son, Winchendon, Mass.  
 Woods S. A. Machine Co., Boston, Mass.  
 Yates P. B. Machine Co., Beloit, Wis.

**8825—Planing & Jointing Machines**

Oliver Machinery Co. ("Oliver" Hand), Grand Rapids, Mich.

**8826—Planing & Matching Machines**

American Sawmill Machinery Co., Hackettstown, N. J.  
 American Wood Working Machinery Co., Rochester, N. Y.  
 Baldwin, Tuthill & Bolton (Planer, Matcher & Moulder), Grand Rapids, Mich.  
 Bentel & Margedant Co., Hamilton, O.  
 Connell & Dengler Mach'y Co., Rochester, N. Y.  
 Cordesman-Rechtin Co., Butler, Cincinnati, O.  
 Crescent Machine Co., Leetonia, O.  
 Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Fay J. A. & Egan Co., Cincinnati, O.



Frank Machinery Co., Buffalo, N. Y.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Hermance Machine Co., Williamsport, Pa.  
 Newman Machine Co., Greensboro, N. C.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Salem Iron Works, Winston Salem, N. C.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Stevens C. H. (Est. of), Winooski, Vt.  
 Woods S. A. Machine Co., Boston, Mass.  
 Yates P. B. Machine Co., Beloit, Wis.

### 8827—Plaster Mill Machinery

American Process Co., 68 William, New York  
 Atlas Engineering Co. (Hydrators, Mixers, Driers, etc), Amherst, Ohio  
*See adv index at end of book*  
**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.  
*See adv index at end of book*  
 Butterworth & Lowe, Grand Rapids, Mich.  
**CROSSLEY MACHINE CO.**, State & Chestnut, Trenton, N. J.  
*See adv index at end of book*  
 Dunning W. D. ("Broughton" Plaster & Cement Mixers), Syracuse, N. Y.  
 Ehrsam J. B. & Sons Mfg. Co., Enterprise, Kan.  
 Great Western Mfg. Co., Leavenworth, Kan.  
 Sprout Waldron & Co. (Crushers, Grinders, etc), Muncy, Pa.  
 Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.

### Plaster of Paris Machinery

See Plaster Mill Machinery; also Stucco Machinery

### 8828—Plate Glass Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Fischer Foundry Co., 1616 Roland, Pittsburgh, Pa.  
**HOOVEN OWENS RENTSCHLER CO.**, Hamilton, O. *See adv index at end of book*  
 National Roll & Foundry Co. (Polishing, Grinding, Casting Tables, Runner Bars, etc), Avonmore, Pa.  
 Rosedale Foundry & Mach. Co., Washington & Preble, Pittsburgh, Pa.  
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

### 8829—Plate Scarfing Machines

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.  
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

### 8830—Plate Straightening Machinery

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Neumeyer & Dimond ("Demag"), 82 Beaver, New York  
 Newbold R. S. & Son Co., Norristown, Pa.  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Philadelphia Roll & Mach. Co., 23d & Washington av, Philadelphia, Pa.  
 Rock River Machine Co., Janesville, Wis.  
**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*

### 8831—Plating Machines

Connecticut Dynamo & Motor Co. ("Rotoplater"), Irvington, N. J.  
 Munning-Loeb Co. ("Nonesuch"), Matawan, N. J.

### 8832—Playing Card Machinery

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Dietz Machine Works, 126 Fountain, Phila., Pa.

### 8833—Plow Handle Machinery

Defiance Machine Works, Defiance, O.  
 Root B. M. Co., York, Pa.

### 8834—Pneumatic Boring Machines

Helwig Mfg. Co. ("Helwig" for Metal or Wood), St. Paul, Minn.

### 8835—Pneumatic Painting Machines

Lederer P. J. Co., 66 Forest av, Buffalo, N. Y.

### 8836—Pole Handling Machines

**CLYDE IRON WORKS** (Self-Propelling, for Handling Poles & Heavy Timbers), Duluth, Minn.  
*See adv index at end of book*

### 8837—Pole Sawing Machines

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

### 8838—Polishing Machines

See also Lathes, Buffing & Polishing; also Wood Polishing Machines

**ABBOTT BALL CO.** ("Abbott"), Elmwood Station, Hartford, Conn.  
*See adv index at end of book*

Astle H. J. & Co. ("Boland"), 118 Orange, Providence, R. I.

Baird Machine Co., Bridgeport, Conn.  
 Blevney Jno. C., 209 Parkhurst, Newark, N. J.

**BLISS E. W. CO.** (Sheet Metal), 19 Adams Brooklyn, N. Y.

*See adv index at end of book*  
 Blount J. G. Co. (Straight & Overhanging), Everett, Mass.

Born J. C. & Bro. ("Crescent"), Belleville, Ill.

Brown & Sharpe Mfg. Co., Providence, R. I.

Builders' Iron Foundry ("Builders"), 9 Coddling, Providence, R. I.

Diamond Machine Co. ("Diamond"), Providence, R. I.

Excelsior Tool & Machine Co. (Automatic), 32nd & Ridge, East St. Louis, Ill.

Florence Machine Co., Florence, Mass.

Fox Machine Co., Jackson, Mich.

Garrison A. Foundry Co. (Roll), 1901 Bingham, Pittsburgh, Pa.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Goodell-Pratt Co. (Foot Power), Greenfield, Mass.

McWilliams Thos., 237 Eddy, Providence, R. I.

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*

No Dust Drying Machine Co. ("No Dust"), 157 Durrance, Providence, R. I.

Robinson Automatic Machine Co. (Automatic), Russell & Milwaukee, Detroit, Mich.

Smith, Richardson Co. ("Imperial"), Attleboro, Mass.

Stow Flexible Shaft Co. (Portable, Wood & Metal), 26th & Callowhill, Philadelphia, Pa.

Webster & Perks Tool Co., Springfield, Ohio

Weisbecker Francis A. & Sons (For Copper, Steel & Zinc Plates), 24 Frost, Brooklyn, N. Y.

### Polishing Machines (Marble)

See Stone Polishing Machines

### 8839—Pop-Corn Machines

Cretors C. & Co., 620 22d, Chicago, Ill.

Dunbar & Co., 2652 W Lake, Chicago, Ill.

Holcomb & Hoke Mfg. Co. ("Butter-Kist"), Indianapolis, Ind.

Long W. Z. Co. (For Fritters Only), Springfield, O.

### 8840—Porcelain Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.

*See adv index at end of book*

### 8841—Porch Column Boring Machines

Bentel & Margedant, Hamilton, O.

### 8842—Portable Rip & Swing Cross-Cut Saw Machines.

Oshkosh Mfg. Co. ("Oshkosh"), 555 S Main, Oshkosh, Wis.

### 8843—Post Boring Machines

Bentel & Margedant Co., Hamilton, O.  
 Cordesman-Rechtin Co., Cincinnati, O.  
 Fox Machine Co., Jackson, Mich.

Grammes L. F. & Sons, Allentown, Pa.  
 Grand Rapids Hdwe Co., Grand Rapids, Mich.

Jones Superior Machine Co., 1264 W North av, Chicago, Ill.

National Woodworking Machine Co., Dover N. H.

Porter C. O. Machy Co., Grand Rapids, Mich.

Smith H. B. Machine Co., Smithville, N. J.

### 8844—Postage Stamp Affixing Machines

Extensive Mfg. Co. ("World Wide," Stamp Affixer), 90 West, New York

Mallometer Co., 1093 Jefferson av, Detroit, Mich.

Multipost Co., Rochester, N. Y.

National Automatic Machine Co., Brattleboro, Vt.

New Era Mfg. Co. ("New Era" Stamp Affixer), 450 4th av, New York

Postamper Co., 608 S Dearborn, Chicago, Ill.

Standard Stamp Affixer Co., Sommerville, Mass.

Wizard Co. ("Wizard"), 179 Summer, Boston, Mass.

### Potato Digging Machine

See Diggers, Potato, with the word Machine following their name.

### Potato Peeling Machines

See Parers, Fruit & Vegetable

### 8845—Pottery Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

American Clay Machinery Co., S Walnut, Bucyrus, O.

Automatic Tile Machine Co., Cincinnati, O.

Bonnot Company, Canton, O.

**CROSSLEY MACHINE CO.** (Complete Line), State & Chestnut av, Trenton, N. J. *See adv index at end of book*

Griffith & Wedge Co., Zanesville, O.

International Clay Machy. Co., Dayton, O.

**IVENS WM. H. SONS CO.**, P. O. Box 647, Trenton, N. J.

Knott & Harker Co., Beaver Falls, Pa.

Logan Edw. Machine Co., Trenton, N. J.

Mackenzie's Duncan Sons Co., Trenton, N. J.

Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.

Patterson Foundry & Machine Co., East Liverpool, O.

Taplin-Rice-Clerkin Co., Akron, O.

Williams Foundry & Machine Co. (of Ohio), Akron, O.

### 8846—Powder Mill Machinery

See also Gun Powder Machinery

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Eyster, Weiser & Co., York, Pa.

Hydraulic Press Mfg. Co. (Hydraulic Presses), Mt. Gilead, O.

Treadwell M. H. Co., 140 Cedar, New York

Werner & Pfeiderer Co., Saginaw, Mich.

*See adv index at end of book*

### 8846a—Power Transmitting Machinery

See also Power Transmitting Machy., Rope For Gears, Pulleys, Shafting, Hangers, Bearings, etc., See Index of Contents

**ALLIS-CHALMERS MFG. CO.**, (Mechanical), Milwaukee, Wis.

*See adv index at end of book*

American Clay Machinery Co., S Walnut, Bucyrus, O.

American Rotary Pump Co. (Rotary Power Engineers, Dock Patents), 67 Hampden, Boston, Mass.



American Tool & Machine Co., 10 High, Boston, Mass.  
 Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*  
 Badger Gas & Gasoline Engine Co., Kansas City, Kans.  
 Baker Machinery Co. (Electric), Des Moines, Iowa  
 Barnard & Leas Mfg. Co., Moline, Ill.  
 Barry Co., Muscatine, Iowa  
**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.  
*See adv index at end of book*  
 Batavia Engineering Works, Batavia, Ill.  
 Birmingham Iron Fdry., Derby, Conn.  
 Bond Chas. Co., 520 Arch, Phila., Pa.  
**BOND FOUNDRY & MACHINE CO.**, Mannheim, Pa.  
 Brightman Machine Co., Cleveland, O.  
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Carey W. W. Co., Lowell, Mass.  
 Carpenter Geo. B. & Co., 440 Wells, Chicago, Ill.  
 Chicago Pulley & Shafting Co., 40 S Clinton, Chicago, Ill.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Davis F. M. Iron Works Co., Denver, Colo.  
 Delano E. A. Co., 1401 W North, Chicago, Ill.  
 Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.  
**DODGE SALES & ENGINEERING CO.** (Everything for the Mechanical transmission of power), Mishawaka, Ind.  
 Eastwood Benj. Co., Paterson, N. J.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio  
 Fargo Foundry Co., Fargo, N. D.  
 Farrel Foundry & Machine Co., Ansonia, Conn.  
 Fawcett Machine Co., 1st Nat. Bk. bldg, Pittsburgh, Pa.  
 Filer & Stowell Co., Milwaukee, Wis.  
**FOOTE BROS. GEAR & MACHINE CO.** (Speed Reducing), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*  
**GANSCHOW WM. CO.**, 1001 Washington blvd, Chicago, Ill.  
*See adv index at end of book*  
**GODFREY-KEELER CO.**, 70 Warren, New York *See adv index at end of book*  
 Golden's Fdry. & Mach. Co., Columbus, Ga.  
 Gowanda Agricultural Works, Gowanda, N. Y.  
**HILL CLUTH CO.**, 1000 W 58th, Cleveland, O.  
 Hilliard Clutch & Machy. Co., Elmira, N. Y.  
 Hoppen J. E. & Sons (Adjustable Shafting Hangers), 75 Main, Belleville, N. J.  
 Holyoke Machine Co., Holyoke, Mass.  
 Howard Iron Works, Buffalo, N. Y.  
 Hunt Rodney Machine Co., Orange, Mass.  
 Hunter Jas. Machine Co., North Adams, Mass.  
 Huntsville Fdry. & Mach. Co., Huntsville, Ala.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
 Jones E. D. & Sons Co., Pittsfield, Mass.  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Kaestner & Hecht Co., 500 Throop, Chicago, Ill.  
**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York  
*See adv index at end of book*  
 Klotz Machine Co., Sandusky, O.  
 Lane Mfg. Co., Montpelier, Vt.  
 Lane & Bodley Co., Tenn. av & Paddock rd, Cincinnati, O.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Marseilles Co., East Moline, Ill.  
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
 Meese & Gottfried Co., 660 Mission, San Francisco, Cal.

**MESTA MACHINE CO.**, Pittsburgh, Pa.  
*See adv index at end of book*  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Minster Machine Co., Minster, O.  
 Mobile Pulley & Machine Co., Mobile, Ala.  
 Morse Chain Co., Ithaca, N. Y.  
 Munson Mill Machinery Co., Utica, N. Y.  
 National Foundry Mfg. & Supply Co., Williamsport, Pa.  
 Naylor Bros., Peekskill, N. Y.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Noye Bros. Co., Buffalo, N. Y.  
 Phoenix Iron Works, E 3d & Hawthorne, Portland, Ore.  
 Pittsburgh Gage & Supply Co., 30th & Liberty, Pittsburgh, Pa.  
 Plamondon A. Mfg. Co., 24 S Clinton, Chicago, Ill.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Portland Iron Works, 14th & Northrup, Portland, Ore.  
 Pratt Engineering & Machine Co., Atlanta, Ga.  
 Royersford Foundry & Machine Co., Royersford, Pa.  
 Salem Foundry & Machine Works, Salem, Ohio  
 Schultz A. L. & Son, 1675 Elston av, Chicago, Ill.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.  
 Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.  
 Smidth F. L. & Co., 50 Church, New York  
 Smith Philip Mfg. Co., Sidney, O.  
**SMITH S. MORGAN CO.**, York, Pa.  
*See adv index at end of book*  
 Sprout, Waldron & Co., Muncy, Pa.  
 Standard Pulley Co., 1734 Power, Cincinnati, Ohio  
 Stephens-Adamson Mfg. Co., Aurora, Ill.  
 Ticonderoga Machine Works, Ticonderoga, N. Y.  
 Transmission Machinery Co., 1146 Tchopt, New Orleans, La.  
 Trimble & Lutz Supply Co., Wheeling, W. Va.  
 Trump Mfg. Co., Springfield, O.  
 Union Iron Works, Decatur, Ill.  
 Valley Iron Works, Williamsport, Pa.  
 Vonnegut Machy. Co., Indianapolis, Ind.  
 Walker Mfg. Co., Denver, Colo.  
**WATERBURY TOOL CO.** ("Waterbury" Hydraulic Speed Gear, Variable), Waterbury, Conn.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.  
 Westlund C. G. Co. ("Westlund"), 498 Millburg, Worcester, Mass.  
 Willamette Iron & Steel Works, Portland, Ore.  
 Wood's T. B. Sons Co., Chambersburg, Pa.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.  
 Worthington Pump & Machy. Corp., 115 B'way, New York  
 Yocom Jos. & Son, 145 N 2d, Phila., Pa.

### Power Transmitting Machinery (Chain)

*See Chains, Power Transmission*

### 8847—\*Power Transmitting Machinery (Electric)

*See also Generators, Various Kinds; also Motors, Various Kinds*

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 8848—Power Transmitting Machinery (Rope)

*See also Power Transmitting Machinery*

Barry Co., Muscatine, Iowa  
 Brown A. & F. Co., 79 Barclay, New York Works: Elizabethport, N. J.  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, O.

**HILL CLUTCH CO.**, 1000 W 58th, Cleveland, O.  
 Howard Iron Works, Buffalo, N. Y.  
 Hunter James Machine Co., North Adams, Mass.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
**LINK-BELT CO.** (Manila Rope, etc), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & P Ry, Phila., Pa.  
*See adv index at end of book*  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Stephens-Adamson Mfg. Co., Aurora, Ill.  
 Tamaqua Mfg. Co., Tamaqua, Pa.  
 Union Engineering Co., 1616 Columbus rd, Cleveland, O.  
 Walker Mfg. Co., Denver, Colo.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.  
 Wood's T. B. Sons Co., Chambersburg, Pa.

### 8849-50—Printers' Roller Making Machinery

Rowe James, 1058 W Harrison, Chicago, Ill.

### 8851—Printing Presses & Machinery

American Autopress Co., 110 W 40th, New York  
 American High Speed Press Co., 30 E 23d, New York  
 Anderson C. F. & Co., 710 S Clark, Chicago, Ill.  
 Autopress Co., 95 Madison av, New York  
 Babcock Printing Press Mfg. Co., New London, Conn.  
**BECK CHAS. CO.**, 607 Chestnut, Phila., Pa. *See adv index at end of book*  
 Central Machine Co. (For Special Work), Niagara Falls, N. Y.  
 Challenge Machinery Co. ("Stonemetz" & "Diamond" Cylinder Presses, "Challenge-Gordon" Job Presses, etc), Grand Haven, Mich.  
 Chandler & Price Co., Cleveland, O.  
 Cline Electric Mfg. Co., Fisher bldg, Chicago, Ill.  
 Cottrell C. B. & Sons Co., Westerly, R. I.  
 Damon Geo. & Sons, 44 Beekman, New York  
 Delphos Printing Press Co., Delphos, Ohio  
 Dorman J. F. W. Co. ("Baltimorean" for Amateurs, 526 N Calvert, Baltimore, Md.  
 Duplex Printing Press Co. (Newspaper Presses), Battle Creek, Mich.  
 Eardley Wm. F. & Bro., 138 Centre, New York  
 Feuerstein S. B. & Co., 542 W Jackson blvd, Chicago, Ill.  
 Fuller E. C. Co., 28 Reade, New York  
 Golding Mfg. Co., Franklin, Mass.  
 Goss Printing Press Co., 1535 S Paulina, Chicago, Ill.  
 Grammes L. F. & Sons (Machinery & Supplies), Allentown, Pa.  
 Hall Printing Press Co., Dunellen, N. J.  
 Harris Automatic Press Co., Niles, O.  
 Hart R. A., Battle Creek, Mich.  
 Hoe R. & Co., 504 Grand, New York  
 Hollingsworth Wm., 229 N Holliday, Baltimore, Md.  
 Johnson C. I. Mfg. Co., 48 E 3d, St. Paul, Minn.  
 Kelsey Press Co., Meriden, Conn.  
 Kelton's M. M. Son, 76 S 8th, Brooklyn, N. Y.  
 Kidder Press Co., Dover, N. H.  
 Krauth & Benninghofen, Hamilton, O.  
 Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.  
 Lisenby Mfg. Co. ("Mahlstedt" Multicolor), Fresno, Cal.  
 Miehle Printing Press & Mfg. Co., 14th & Robey, Chicago, Ill.  
 Melsel Press Mfg. Co. (& Specialties), 942 Dorchester av, Boston, Mass.  
 Miller Saw-Trimmer Co., Point bldg, Pittsburgh, Pa.  
 National Automatic Press Co., Leighton, Pa.  
 National Machine Co. ("Hartford," "National" Presses), Hartford, Conn.  
 National Printing Machinery Co., Athol, Mass.  
 Newton James (Imp), 116 Nassau, New York



Peerless Printing Press Co., Palmyra, N. Y.  
 Perkins Machine Co., 216 N Jefferson, Chicago, Ill.  
 Pollard-Alling Mfg. Co., 312 E 23d, New York  
 Potter Printing Press Co., Plainfield, N. J.  
 Ray Bros. ("Webb" Presses Only), Ashland, Mass.  
 Regina Co. ("New Era"), 47 W 34th, New York  
 Scott Walter & Co., Plainfield, N. J.  
 Thomson J. Press Co., Nott av, Long Island City, N. Y.  
 United Printing Machinery Co., 100 Summer, Boston, Mass.  
 Whitlock Prtg. Press Mfg. Co., Shelton, Conn.  
 Wisconsin Foundry & Machine Co. ("Monona" Leverless Press), Madison, Wis.  
 Wrigley Thos. & Co. (Print Press for Railroad Tickets), 416 S Dearborn, Chicago, Ill.  
 Ziegler Robt. & Sons, St. Louis, Mo.

### 8852—Printing & Punching Machines

Ohl Geo. A. & Co. (One Operation for Printing Punching Holes in Leather, Fibre, etc), 157 Oraton, Newark, N. J.

### 8853—Profiling Machines

American Watch Tool Co., Waltham, Mass.  
 Becker Milling Machine Co. ("Becker"), Hyde Park, Mass.  
 Garvin Machine Co., 147 Varick, New York  
 Newton Machine Tool Workers, 23rd & Vine, Phila., Pa.  
 Pratt & Whitney Co., Hartford, Conn.  
 Reed - Prentice Co. ("Reed - Prentice"), Worcester, Mass.  
 Schuchardt & Schutte ("Duplex" Automatic), 90 West, New York  
 Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
 Spafford S. E. (With Automatic Feed), Hartford, Conn.  
**STARK TOOL CO.**, Waltham, Mass.  
*See adv index at end of book*

### 8853a—Projectile Machinery

*See also Cold Saw Cutting-Off Machines; Drop Hammers; Lathes, Drilling Machines; Presses; Grinders, etc*  
**Amalgamated Machinery Corp'n** (Turning & Boring Machines), 72 W Adams, Chicago, Ill.  
 American Tool Works Co., Cincinnati, O.  
 Automatic Machine Co. (Shell Cutting-Off Machines), Bridgeport, Conn.  
 Boye & Emmes Machine Tool Co., 2245 Spring Grove av, Cincinnati, O.  
 Bradford Machine Tool Co., 657 Evans, Cincinnati, O.  
 Bullard Machine Tool Co. (Projectile & Cartridge Case Finishing Machines), Bridgeport, Conn.  
 Cleveland Automatic Machine Co., 2269 E 65th, Cleveland, O.  
 Curtis & Curtis Co. (Cutting-Off Machines), Bridgeport, Conn.  
 Espen-Lucas Machine Wks. (High Explosive Shell Machines, Shrapnel & High Explosive Shell Trimming Machines), 21 Girard av, Philadelphia, Pa.  
 Fitchburg Machine Works (Lathes), Fitchburg, Mass.  
 Gorton Geo. Machine Co. (Routing Machines for Cutting Powder Grooves), Racine, Wis.  
 Hydraulic Press Co. (Nosing & Banding Presses), Mt. Gilead, O.  
 International Steam Pump Co. (Drawing & Piercing Presses), Buffalo, N. Y.  
 Jones & Lamson, Springfield, Vt.  
 Lourie Mfg. Co. (Shell Banding Machines), Springfield, Ill.  
 Metalwood Mfg. Co. (Shell Banding Presses), Detroit, Mich.  
 New Britain Machine Co. ("New Britain," Chucking Machines), 190 Chestnut, New Britain, Conn.  
 Newton Machine Tool Works (Cold Saws & Vertical Millers, 23d c Vine, Phila., Pa.  
 Noble & Westerbrook Mfg. Co. (Shell Marking Machines), Hartford, Conn.  
*See adv index at end of book*  
 Potter & Johnston Machine Co., Pawtucket, R. I.

Pratt & Whitney Co., Hartford, Conn.  
 Reed-Prentice Co. (Lathes), Worcester, Mass.  
 Spray Engng. Co. (Shell Coating Machines), 93 Federal, Boston, Mass.  
 Symington T. H. Co. (Special), Rochester, N. Y.  
 Thurlow Steel Works (Shell Undercutting & Waving Machines), Chester, Pa.  
 Wood R. D. & Co. (Presses), 400 Chestnut, Phila., Pa.

### 8854—Prospecting Machinery

Keystone Driller Co., Beaver Falls, Pa.  
 Loomis Machine Co., Tiffin, O.  
 Thomson John Press Co., Mott av, Long Island City, N. Y.

### 8855—Pulley Balancing Machinery

Defiance Machine Works, Defiance, O.

### 8856—Pulley Boring & Turning Machines

*See also Lathes, Pulley Turning*  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

### 8857—Pulley Drilling & Tapping Machines

Delano E. A. Co., 1401 W North, Chicago, Ill.

### Pulley Molding Machines

*See Molding Machines, Foundry*

### 8858—Pulley Mortising Machines

Austin & Eddy ("Enterprise"), 117 Broad, Boston, Mass.  
 Clarkson Mfg. Co., Lancaster & Dallas, Baltimore, Md.  
 Millbury Machine Co. ("Enterprise"), Millbury, Mass.  
 Sloan Frank B. & Co., ("Norris"), 516 W Baltimore, Baltimore, Md.  
 Smith & Phillips Mfg. Co., 412 N Sangamon, Chicago, Ill.

### 8859—Pulp Drying Machines

Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

### 8860—Pulp Lining Machines

Beloit Iron Works, Beloit, Wis.

### 8861—Pulp Making Machinery (Canners)

Kern Wm. S., Wilkesbarre, Pa.  
 Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

### 8862—Pulp Washing Machines

Clark H. C. & Son Machine Co., Lee, Mass.  
 Magnus A. Sons Co. ("Klein," "Simplex," Brewers, etc.), 327 W Randolph, Chicago, Ill.  
 Shevlin Geo. F. Mfg. Co. ("Worm"), Saratoga Springs, N. Y.

### Pulp Wood Barking Machines

*See Wood Barking Machines*

### 8863—Pulp Wood Chipping Machines

Holyoke Machine Co., Holyoke, Mass.  
 Mitts & Merrill (For Saw Mill Waste), 1939 S Water, Saginaw, Mich.  
 Waterville Iron Works, Waterville, Me.

### 8864—Pulp Wood Crushing Machines

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Waterville Iron Works, Waterville, Me.

### 8865—Pulp Wood Rechipping Machines

Mitts & Merrill (For Saw Mill Waste), 1939 S Water, Saginaw, Mich.  
 Waterville Iron Works, Waterville, Me.

### 8866—Pulp Wood Splitting Machines

Waterville Iron Works, Waterville, Me.

### 8867—Pulverizing Machinery

*See also Mills, Grinding*

**ABBE ENGINEERING CO.**, 220 B'way, New York. *See adv index at end of book*  
 Acton Jno. (Borgardus Centrifugal Steel Roller Mills), 118 John, Brooklyn, N. Y.  
 Aero Pulverizer Co., 120 B'way, New York  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Alsing J. R. Engng. Co., 75 Guernsey, Brooklyn, N. Y.  
 American Pulverizer Co., East St. Louis, Ill.  
 Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Bonnot Co., Canton, O.  
 Braddock Manufacturing Co., Braddock, Pa.  
 Bradley Pulverizer Co. ("Griffin Mill," "Bradley Three Roll Mill," "Bradley Hercules Mill") 92 State, Boston, Mass.  
 Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.  
 Brann Corporation, Los Angeles, Cal.  
 Buckeye Traction Ditching Co., The (Land Pulverizing), Findlay, O.  
 Burroughs Chas. Co., 141 Commercial, Newark, N. J.  
 Campbell P. F. (For Fertilizer & Whiting Works, etc), 51 Laurel, Phila., Pa.  
 Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.  
**CROSSLEY MACHINE CO.** (For Clay Only), State & Chestnut av, Trenton, N. J. *See adv index at end of book*  
 Eastern Machinery Co., New Haven, Conn.  
 Excel Mfg. Co., Pottersville, N. J.  
 Garrison A. Foundry Co. (Ore & Clay), 901 Bingham, Pittsburgh, Pa.  
 Holmes & Blanchard Co. (Fertilizing), 31 State, Boston, Mass.  
**JEFFREY MFG. CO.** (For the Reduction of All Kinds of Materials), 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
 Kent Machine Works, 30 Gold, Brooklyn, N. Y.  
 Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.  
 Knoxville Foundry & Machine Co. (For Lime), Knoxville, Tenn.  
 Lehigh Car Wheel & Axle Works ("Fuller-Lehigh" Pulverizer), Catasauqua, Pa.  
 McLaughlin Geo. T. Co., 120 Fulton, Boston, Mass.  
 Manitowoc Engineering Co., Manitowoc, Wis.  
 Midland Crusher-Pulverizer Co. ("Brainard"), 37 W Vanburen, Chicago, Ill.  
 Mitts & Merrill, 1939 S Water, Saginaw, Mich.  
 Murray Co., Atlanta, Ga.  
 National Pulverizer Co., Denver, Colo.  
 Nebel M. A., 72 Grand av, Brooklyn, N. Y.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Patterson Foundry & Mach. Co., E. Liverpool, O.  
 Pennsylvania Crusher Co., People's Bk. bldg, Phila., Pa.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Pratt Engineering & Machine Co. (Complete Plants), Atlanta, Ga.  
 Raymond Bros. Impact Pulverizer Co. (Clay), 1319 North Branch, Chicago, Ill.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Sackett A. J. (Fertilizing), cor 4th av & 1st, Baltimore, Md.  
 Smidth F. L. & Co., 50 Church, New York  
 Smith Theodore & Sons Co., ft Essex, Jersey City, N. J.  
 Standard Equipment Co. (For Cinders, Soft Rock, Coal, etc), New Haven, Conn.  
 Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.  
**STURTEVANT MILL CO.** ("Ring-Roll Mill," "Rock-Emery Mill"), Clayton & Park, Dorchester, Boston, Mass.  
 Thornburgh Mfg. Co., Bowling Green, O.



**THROPP'S JOHN E. SONS CO.** (Tube Mills), ft. of Lewis, Trenton, N. J. *See adv index at end of book*  
**United Iron Works Co.** ("Emerick"), Springfield, Mo.  
**Walker & Elliott**, 2d & Lombard, Wilmington, Del.  
**West Pulverizing Machine Co.**, 220 B'way, New York  
**Williams Patent Crusher & Pulverizing Co.**, 813 Montgomery, St. Louis, Mo.  
**Worthington Pump & Machinery Corp.**, 115 B'way, New York

### Pump Stock Boring Machines

*See Wood Pipe Boring Machines*

### 8868—\*Pumping Machinery

*See also Engines, Pumping, Various Kinds; also Pumps, Various Kinds*

**ALLIS-CHALMERS MFG. CO.** ("Reynolds" Pumping Engines, Compound & Triple Expansion), Milwaukee, Wis. *See adv index at end of book*

**DE LAVAL STEAM TURBINE CO.**, East Trenton, N. J. *See adv index at end of book*

**DEMING CO., SALEM, O.** *See adv index at end of book*  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.

### 8869—\*Pumping Machines (Electric)

*See also Pumps, Electric*

**DEMING CO., Salem, O.**

*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa. *See adv index at end of book*

### 8870—\*Pumping Machines (Gasoline)

**DEMING CO., Salem, O.**

*See adv index at end of book*

### Pumping Machines (Horse Power)

*See Pumping Outfits, Horse Power*

### 8871—Pumpkin Peeling & Seeding Machines

**Sprague Canning Machinery Co.**, 222 N Wabash av, Chicago, Ill.

### 8872—Punching, Beveling & Trimming Machines

**Garrison A. Foundry Co.**, 901 Bingham, Pittsburgh, Pa.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**Long & Allstatter Co.** (For Boiler Plates, etc., with Hand & Automatic Spacing Table), Hamilton, O.

**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

**Schatz Mfg. Co.** (Hand & Power), Poughkeepsie, N. Y.

### 8873—Punching Machines (Boiler-Makers')

**Bertsch & Co.**, Cambridge City, Ind.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**Braun J. G.**, 609 S Paulina, Chicago, Ill.

**Cincinnati Iron & Steel Co.** ("Cisco"), Cincinnati, O.

**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av, N E, Cleveland.

**Covington Machine Co.**, Covington, Va.

**Dudgeon Richard** (Hydraulic), 24 Columbia, New York

**Henderer's A. L. Sons**, Maryland av & Beach, Wilmington, Del.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**Huntington Machine & Foundry Co.**, Huntington, Ind.

**Ironton Punch & Shear Co.** (Heavy Power), Ironton, O.

**Kling Bros.**, Engineering Works, 1304 Kingsbury, Chicago, Ill.

**Long & Allstatter Co.** (Heavy), Hamilton, O.

**Maftreto Machine & Tool Co.**, Worcester, Mass.

**Massillon Foundry & Machine Co.**, Massillon, O.

**New Doty Mfg. Co.**, Janesville, Wis.  
**Niles-Bement-Pond Co.**, 111 B'way, New York

**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

**Rock River Machine Co.** ("Badger" Hand Power, etc), Janesville, Wis.

**Schatz Mfg. Co.**, Poughkeepsie, N. Y.

**United Engineering & Foundry Co.**, 307 5th av, Pittsburgh, Pa.

**Vulcan Engineering Sales Co.**, 2059 Elston av, Chicago, Ill.

**Wickes Bros.**, Saginaw, Mich. *See adv index at end of book*

**Wiener Machinery Co.**, 56 Church, New York

### 8874—Punching Machines (Coping)

**Ironton Punch & Shear Co.**, Ironton, O.

### 8875—Punching Machines (Disc)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**Long & Allstatter Co.** (Heavy), Hamilton, Ohio

**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

**Schatz Mfg. Co.**, Poughkeepsie, N. Y.

**Wiener Machinery Co.**, 56 Church, New York

### 8876—\*Punching Machines for Light Metal, Paper, Etc.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*

### Punching Machines (Gang)

*See Punching Machines, Multiple*

### 8877—Punching Machines (Horizontal)

*See also Machinery, Punching & Shearing*

**Alliance Machine Co.**, Alliance, O.

**Bertsch & Co.**, Cambridge City, Ind.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**Cincinnati Iron & Steel Co.** ("Cisco"), Cincinnati, O.

**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av, N E, Cleveland, O.

**Covington Machine Co.**, Covington, Va.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**Ironton Punch & Shear Co.** (Heavy Power), Ironton, O.

**Kling Bros.**, Engineering Works, 1304 Kingsbury, Chicago, Ill.

**Long & Allstatter Co.** (Heavy), Hamilton, Ohio

**Maftreto Machine & Tool Co.**, Worcester, Mass.

**Massillon Foundry & Machine Co.**, Massillon, O.

**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

**Rock River Machine Co.** ("Badger"), Janesville, Wis.

**Ryerson Jos. T. & Son**, 2558 W 16th, Chicago, Ill.

**Schatz Mfg. Co.**, Poughkeepsie, N. Y.

**Vulcan Engineering Sales Co.** ("Vulcan"), 2059 Elston av, Chicago, Ill.

**Whiting Geo. Co.**, 1719 Elston av, Chicago, Ill.

**Wickes Bros.**, Saginaw, Mich. *See adv index at end of book*

**Wiener Machinery Co.**, 56 Church, New York

**Williams, White & Co.**, Moline, Ill.

### 8878—Punching Machines (Hydraulic)

*See also Machinery, Punching & Shearing*

**Alliance Machine Co.**, Alliance, O.

**Chambersburg Engng. Co.**, Chambersburg, Pa.

**Dudgeon Richard**, 24 Columbia, New York

**Henderer's A. L. Sons**, Maryland av & Beach, Wilmington, Del.

**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*

**Niles-Bement-Pond Co.**, 111 B'way, New York

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

**Whiting Geo. Co.**, 1719 Elston av, Chicago, Ill.

**Wood R. D. & Co.**, 400 Chestnut, Philadelphia, Pa.

**Wood W. H.**, Media, Pa.

### Punching Machines (Hydraulic, Manhole)

*See Punching & Shearing Machines, Manhole*

### 8879—Punching Machines (I-Beam)

**Bertsch & Co.**, Cambridge City, Ind.

**Braun J. G.**, 609 S Paulina, Chicago, Ill.

**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av, N E, Cleveland, O.

**Dudgeon Richard** (Hydraulic), 24 Columbia, New York

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**Ironton Punch & Shear Co.**, Ironton, O.

**Kling Bros.**, Engineering Works, 1304 Kingsbury av, Chicago, Ill.

**Long & Allstatter Co.** (& Coping), Hamilton, O.

**Maftreto Machine & Tool Co.**, Worcester, Mass.

**Massillon Foundry & Machine Co.**, Massillon, O.

**New Doty Mfg. Co.**, Janesville, Wis.

**Niles-Bement-Pond Co.**, 111 B'way, New York

**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

**Rock River Machine Co.** ("Badger," Hand Power, etc), Janesville, Wis.

**Ryerson Jos. T. & Son**, 2558 W 16th, Chicago, Ill.

**Schatz Mfg. Co.**, Poughkeepsie, N. Y.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

**Whiting Geo. Co.** (Beam Coping), 1719 Elston av, Chicago, Ill.

**Wickes Bros.**, Saginaw, Mich. *See adv index at end of book*

**Wiener Machinery Co.**, 56 Church, New York

### 8880—Punching Machines (Multiple)

**Alliance Machine Co.**, Alliance, O.

**Barcroft Fred** ("Barcroft," Lever), Madera, Cal.

**Bertsch Co.**, Cambridge, Ind.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av, N E, Cleveland, O.

**Covington Machine Co.**, Covington, Va.

**Excelsior Tool & Mach. Co.**, 32nd & Ridge, East St. Louis, Ill.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**Huntington Mach. & Fdry. Co.**, Huntington, Ind.

**Ironton Punch & Shear Co.** (Heavy Power), Ironton, O.

**Kling Bros.**, Engineering Works, 1304 Kingsbury, Chicago, Ill.

**Long & Allstatter Co.** (Also Heavy, for Splice Bars, etc), Hamilton, O.

**Loy & Nawroth Co.**, 25 Runyon, Newark, N. J.

**McSherry Mfg. Co.**, Pittsburgh, Pa.

**Mackintosh, Hemphill & Co.** (Heavy), Pittsburgh, Pa.

**Massillon Foundry & Machine Co.**, Massillon, O.

**New Doty Mfg. Co.**, Janesville, Wis.

**NIAGARA MACHINE & TOOL WORKS.**, Buffalo, N. Y. *See adv index at end of book*

**Niles-Bement-Pond Co.**, 111 B'way, New York

**Ohl Geo. A. & Co.**, 159 Oraton, Newark, N. J.

**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

**Perkins Machine Co.**, Warren, Mass.

**Rock River Machine Co.** ("Badger"), Janesville, Wis.

**Schatz Mfg. Co.**, Poughkeepsie, N. Y.

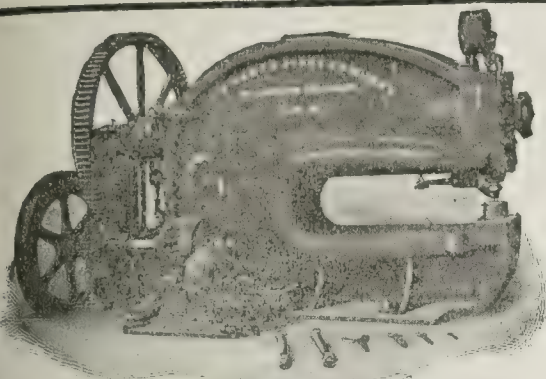
**Sellers Wm. & Co.**, 1600 Hamilton, Philadelphia, Pa.

**Standard Bridge Tool Co.**, Fulton bldg, Pittsburgh, Pa.

**Wells Frank L. Co.** ("Wells" Punching Presses), Kenosha, Wis.

**Whiting Geo. Co.**, 1719 Elston av, Chicago, Ill.

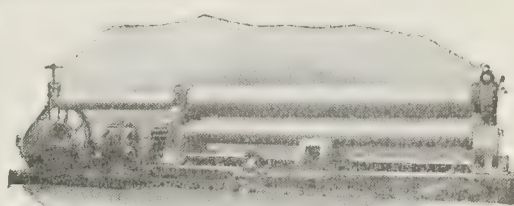




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*See adv index at end of book*  
Wiener Machinery Co., 56 Church, New York  
Williams, White & Co. (& Gate Shear), Moline, Ill.  
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

### 8881—Punching Machines (Rail)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Ironton Punch & Shear Co., Ironton, O.  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
Schatz Mfg. Co., Poughkeepsie, N. Y.  
Wiener Machinery Co., 56 Church, New York

### 8882—Punching Machines (Rotary)

Whitney Metal Tool Co., Rockford, Ill.

### 8883—Punching Machines (Screw)

Bertsch & Co., Cambridge, City, Ind.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Henderer's A. L. Sons, Maryland av & Beach, Wilmington, Del.  
Irving Mfg. & Tool Co., 157 Chambers, New York  
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
New Doty Mfg. Co., Janesville, Wis.  
Perkins Machine Co., Warren, Mass.  
Rock River Machine Co., Janesville, Wis.  
Schatz Mfg. Co., Poughkeepsie, N. Y.

### 8884—Punching Machines (Stiles)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

### 8885—Punching Machines (Structural Steel)

Braun J. G., 609 S Paulina, Chicago, Ill.  
Covington Machine Co., Covington, Va.  
Dudgeon Richard, 24 Columbia, New York  
Ironton Punch & Shear Co., Ironton, O.  
Massillon Foundry & Machine Co., Massillon, O.  
Rock River Machine Co., Janesville, Wis.  
Schatz Mfg. Co., Poughkeepsie, N. Y.  
Wiener Machinery Co., 56 Church, New York

### 8886—Punching & Cutting Machines (Combined)

Braun J. G., 609 S Paulina, Chicago, Ill.  
Ironton Punch & Shear Co., Ironton, O.  
Gling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
McDougall & Potter Co. (For Bar Iron, etc), 606 W 55th, New York  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Schatz Mfg. Co., Poughkeepsie, N. Y.  
Wiener Machinery Co., 56 Church, New York

### 8887—Punching & Shearing Machinery

See also Punching Machines, Various Kinds; also Shears, Various Kinds  
Alliance Machine Co., Alliance, O.  
Badger State Mach. Co., Janesville, Wis.  
Bertsch & Co., Cambridge City, Ind.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Covington Machine Co. ("C. C. Wais" Patent), Covington, Va.  
Evans' Jno. Sons (Heavy), 506 N 13th, Phila., Pa.  
Excelsior Tool & Mach. Co., 32d & Ridge, East St. Louis, Ill.  
Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Huntington Mach. & Fdry. Co., Huntington, Ind.  
Ironton Punch & Shear Co., Ironton, O.  
Kane & Roach (Carriage Makers, etc), Syracuse, N. Y.

Kidder J. F. Mfg. Co., Burlington, Vt.  
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
Lewthwaite T. H. Machine Co. (Power, Hand & Foot), 413 E 31st, New York  
Little Giant Punch & Shear Co. ("Little Giant" Hand), Sparta, Ill.  
Long & Allstatter Co. (Single & Double End, Deep Throat, etc), Hamilton, O.  
Luther Mfg. Co., Olean, N. Y.  
McSherry Mfg. Co., Pittsburgh, Pa.  
Mackintosh, Hemphill & Co. (Heavy), Pittsburgh, Pa.  
Mafreto Machine & Tool Co., Worcester, Mass.  
Massillon Foundry & Machine Co., Massillon, O.  
Mitts & Merrill, 1939 S Water, Saginaw, Mich.

**MORGAN ENGINEERING CO.** (Electric, Hydraulic, Steam & Power), Alliance, Ohio. *See adv index at end of book*  
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York  
New Doty Mfg. Co., Janesville, Wis.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*

Niles-Bement-Pond Co., 111 B'way, New York  
Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.  
Peck, Stow & Wilcox Co., Southington, Conn.  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Perkins Machine Co., Warren, Mass.  
Robinson J. M. Mfg. Co., Cincinnati, O.  
Rock River Machine Co. (Belt or Motor Driven), Janesville, Wis.  
Royersford Foundry & Machine Co., Royersford, Pa.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Schatz Mfg. Co., Poughkeepsie, N. Y.  
Schuchardt & Schutte, 90 West, New York  
Simmons Machine Co., Inc., 987 B'way, Albany, N. Y. *See adv index at end of book*  
Slater-Marsden-Whittmore Co., Beloit, Wis.

Toledo Machine & Tool Co., Toledo, O.  
Union Mfg. Co. (Hand Operated Only), New Britain, Conn.  
United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.  
Vulcan Engineering Sales Co. ("Vulcan"), 2059 Elston av, Chicago, Ill.

**WATSON-STILLMAN CO.** (Hydraulic, etc), 38 Church, New York  
*See adv index at end of book*  
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
Wiener Machinery Co., 56 Church, New York  
Williams, White & Co., Moline, Ill.  
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.  
Wood Wm. H., Media, Pa.

### 8888—Punching & Shearing Machines (Combined)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.

Clark Foundry Co., Rumford, Me.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Ironton Punch & Shear Co. (Heavy Power), Ironton, O.

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
Mafreto Machine & Tool Co., Worcester, Mass.

Massillon Foundry & Machine Co., Massillon, O.  
Neumeyer & Dimond ("Demag"), 82 Beaver, New York

**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*

Perkins Machine Co., Warren, Mass.  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Rock River Machine Co. ("Badger"), Janesville, Wis.  
Royersford Foundry & Machine Co., Royersford, Pa.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Schatz Mfg. Co., Poughkeepsie, N. Y.



Slater-Marsden-Whitlemore Co. ("Beloit" Single & Double End), Beloit, Wis.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
 Wiener Machinery Co., 56 Church, New York

### 8889—Punching & Shearing Machines (Double End)

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Ironton Punch & Shear Co. (Heavy Power), Ironton, O.  
 Massillon Foundry & Machine Co., Massillon, O.  
**MORGAN ENGINEERING CO.** (Belt Driven, etc), Alliance, O.  
*See adv index at end of book*  
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
 Rock River Machine Co. ("Badger"), Janesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Toledo Machine & Tool Co., Toledo, O.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
 Wiener Machinery Co., 56 Church, New York  
 Williams, White & Co., Moline, Ill.

### 8890—Punching & Shearing Machines (Manhole)

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
**MORGAN ENGINEERING CO.** (Hydraulic), Alliance, O.  
*See adv index at end of book*  
 Neumeyer & Dimond ("Demag," Imp.), 82 Beaver, New York  
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

### 8891—Punching & Shearing Machines (Plate Work)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Ironton Punch & Shear Co., Ironton, O.  
 Neumeyer & Dimond ("Demag," Imp.), 82 Beaver, New York  
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Wiener Machinery Co., 56 Church, New York

### 8892—Punching & Shearing & Bar Cutter Machines (Combined)

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Massillon Foundry & Machine Co., Massillon, O.  
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
 Rock River Machine Co. ("Badger," Hand Power, etc), Jamesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Wiener Machinery Co., 56 Church, New York

### 8892a—\*Putty Machinery

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

### Quarrying Machinery & Supplies

See the Specific Article Required. If not classified, write us for information desired

### 8893—Quartering Machines

Niles-Bement-Pond Co. (Wheel), 111 B'way, New York

### 8894—Quilting Machines

Lutz-Webster Engng. Co., 3103 Grays Ferry av, Phila., Pa.

### 8895—Rack Cutting Machines

Bilton Machine Tool Co. (The), (Automatic), Bridgeport, Conn.  
 Gould & Elberhardt, 111 N. J. R. R. av, Newark, N. J.  
 LeBlond R. K. Mach. Tool Co., Cincinnati, O.  
 Walcott Lathe Co. (36x8, 60x10 & 96x10 in), Jackson, Mich.

### 8896—Radiator Machinery

Bryant O. & Sons, 1407 West av, Buffalo, N. Y.

### 8897—Rag Cutting Machines

Black-Clawson Co., Hamilton, O.  
 Clark H. C. & Son Mach. Co., Lee, Mass.  
 Holyoke Machine Co., Holyoke, Mass.  
 Mills Machine Co., Lawrence, Mass.  
 Noble & Wood Mach. Co., Hoosick Falls, N. Y.  
 Norwood Engineering Co., Florence, Mass.  
 Perkins B. F. & Son ("Coburn-Taylor"), Holyoke, Mass.  
 Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.  
 Sandy Hill Iron & Brass Works (For Rag, Rope & Jute), Hudson Falls, N. Y.  
 Taylor, Stiles & Co., Riegelsville, N. J.

### 8898—Rag Thrashing Machines

Noble & Wood Mach. Co., Hoosick Falls, N. Y.  
 Norwood Engineering Co., Florence, Mass.

### 8899—Rail Bending & Straightening Machines

See also Benders, Rail  
 Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Hydraulic Press Mfg. Co. ((Hydraulic), Mt. Gilead, O.  
 Kalamazoo R'y Supply Co., Kalamazoo, Mich.  
 Neumeyer & Dimond ("Demag," Imp.), 82 Beaver, New York  
 Niles-Bement-Pond Co., 111 B'way, New York  
 United Engineering & Foundry Co. (Vertical, for Rolling Mills), 307 5th av, Pittsburgh, Pa.  
**WATSON-STILLMAN CO.** (Hydraulic), 38 Church, New York  
*See adv index at end of book*  
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

### 8900—Rail Cutting Machines

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

### 8901—Rail Ending Machines

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

### 8902—Rail Sawing Machines

See also Cold-Saw Cutting-Off Machines; also Hot Sawing Machines  
 Aldon Co. ("Aldon" Portable Rail Saws), 3338 W Ravenswood av, Chicago, Ill.  
 Highley Machine Co., Croton Falls, N. Y.

Industrial Works, Bay City, Mich.  
 Newton Machine Tool Works, 23rd & Vine, Phila., Pa.  
 Q. & C. Co. ("Q. & C."), Portable Hand Power), 90 West, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Track Necessities Co. ("Schmidt" Hand Hack Saws), 343 S Dearborn, Chicago, Ill.

### 8903—Railroad Cross Tie Machines

Greenlee Bros. & Co. (Automatic), Rockford, Ill.  
 Salem Iron Works, Salem, N. C.  
 Standard Cross Tie Machine Co., New Orleans, La.

### 8904—Railroad Track Laying Machines

Hicks Geo. F. H. ("Harris"), 537 S Dearborn, Chicago, Ill.  
 Roberts Bros., 17 N La Salle, Chicago, Ill.

### 8905—Raisin Machinery

Fresno Agricultural Works, Fresno, Cal.

### 8906—Rattan Weaving Machinery

Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

### 8907—Reaming, Counterboring & Tapping Machines (Combined)

Pottstown Machine Co., Pottstown, Pa.

### 8908—Reaming Machines

Busch J. C. Co. ("Milwaukee" Drill & Reamer), 140 Ferry, Milwaukee, Wis.  
 Pratt & Whitney Co., Hartford, Conn.  
 Stow Mfg. Co., Binghamton, N. Y.  
*See adv index at end of book*

### 8909—Reaming Machines (Pipe Socket)

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

### 8910—Reclamation Machinery

Haslehurst W. W., 2122 Folsom, San Francisco, Cal.  
 Krogh Mfg. Co., 147 Beale, San Francisco, Cal.

### Reducing Machines

See Swaging Machines

### Refrigerating Machinery

See Ice & Refrigerating Machines

### Registering Machines

See Counting Machines

### 8911—Relasting Machines

Gallagher Mfg. Co., Lynn, Mass.

### 8912—Rendering Machinery

American By-Product Machinery Co., 90 West, New York  
 Brecht Co., 1201 Cass av, St. Louis, Mo.  
 Hydraulic Press Mfg. Co. (Lard, Oleo, etc), Mt. Gilead, O.  
 Payne & Joubert Mach. & Fdry. Co., Howard & Euphrosine, New Orleans, La.  
**WASTE SAVING MACHINE CO.**, Real Estate Trust bldg, Philadelphia, Pa.

### 8913—Re-Seating Machines

See also Valve Re-Seating Machines  
 Lagonda Mfg. Co. (For Cleaning Faces, Nuts & Caps of Boiler Tubes), Springfield, O.

### Rice Cleaning Machinery

See Coffee & Rice Cleaning Machinery

### 8914—Rice Mill Machinery

Bahmann Iron Works, Cincinnati, O.  
 Barnhard & Leas Mfg. Co. (Separators, Graders, Clippers, etc), Moline, Ill.  
 Blymer Iron Works Co., Cincinnati, O.  
 Boland Machine & Mfg. Co., 1006 Tchoupitoulas, New Orleans, La.



owes S. Co. "Eureka" Graders, Cleaners, Separators, Clippers & Polishers), Silver Creek, N. Y.  
 untley Mfg. Co. ("Monitor" Graders, Cleaners, Separators, Clippers, Polishers), Silver Creek, N. Y.  
 ordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 prout, Waldron & Co., Muncy, Pa.

### 8915—Rice & Coffee Hulling Machinery

arnard & Leas Mfg. Co. (Rice), Moline, Ill.  
 lymyer Iron Works Co., Cincinnati, O.  
 nes Wm. L., Jr. Co. ("Willmarc" Coffee), Worcester, Mass.  
 ngelburg Huller Co., Syracuse, N. Y.  
 ason Marcus & Co., Framingham, Mass.  
 ordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 quier Geo. L. Mfg. Co., Buffalo, N. Y.

### 8915a—Rifle Barrel Drilling & Reaming Machines

New England Westinghouse Co., Springfield, Mass.

### 8915b—Rifle Machines

Sub-Target Gun Co., 381 Congress, Boston, Mass.

### 8916—Rift Flooring Machines

iler & Stowell Co. ("Cunningham," "Stowell"), Milwaukee, Wis.

### 8917—Rim Bending Machines

Defiance Machine Works, Defiance, O.

#### Rim Machines

See Hub, Spoke & Rim Machinery

### 8918—Ring Forming Machines (Automatic)

**AMERICAN CAN CO.** (Machinery Dept.) ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.  
*See adv index at end of book*

### 8919—Ring & Loop Machinery

Reed Mfg. Co., Springfield, O.  
 Special Machinery Co. (Automatic), Bridgeport, Conn.

### 8920—Rip Saw Machines

American Saw Mill Machinery Co., Hackensettstown, N. J.  
 American Woodworking Machinery Co., Rochester, N. Y.  
 Barnes W. F. & Jno. Co., Rockford, Ill.  
 Beach Mfg. Co., Montrose, Pa.  
 Bentel & Margedant Co., Hamilton, O.  
 Cordesman-Rechtin Co., Butler, Cincinnati, O.  
 Defiance Machine Works (Hand & Power Feed), Defiance, O.  
 Falls Machine Co., Sheboygan Falls, Wis.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Fischer Machine Works (Self Feed), 1845 Carroll av, Chicago, Ill.  
 Frank Machinery Co., Buffalo, N. Y.  
 Garland M. Co., Bay City, Mich.  
 Grammes L. F. & Sons (Combination Rip & Cross Cut), Allentown, Pa.  
 Greenlee Bros. & Co. (Self Feed), Rockford, Ill.  
 Hall & Brown Woodworking Machine Co. (Iron Frame), 1913 N B'way, St. Louis, Mo.  
 Hermance Machine Co. (Adjustable Roll Self-Feed), Williamsport, Pa.  
 Holmes E. & B. Machinery Co., Buffalo, N. Y.  
 Jones Superior Machine Co. ("Superior" self-Feed, etc), 1264 W North av, Chicago, Ill.  
 Marston J. M. & Co. (Foot Power), 226 Ruggles, Boston, Mass.  
 Mershon W. B. & Co., Saginaw, Mich.  
 Newman Machine Co., Greensboro, N. C.  
 Ober Mfg. Co. (Self-Feed), Chagrin Falls, Ohio  
 Oliver Machinery Co. ("Oliver" Rip & Cut-Off Saws), Grand Rapids, Mich.  
 Power L. & Co. (Self-Feed), Phila., Pa.  
 Root B. M. Co., York, Pa.  
 Sidney Tool Co., Sidney, O.

Sinker-Davis Co. ("Hoosier" Self-Feed), Indianapolis, Ind.  
 West Side Iron Works, Grand Rapids, Mich.  
 Woods Engineering Co. ("Hick," Self-Feed & Automatic Return), Alliance, O.  
 Yates P. B. Machine Co., Beloit, Wis.

### 8921—Rivet Heading Machines

Acme Machinery Co., Cleveland, O.  
 Ajax Mfg. Co. (Automatic & Hand Feed), Cleveland, O.  
 Cook Asa S. Co., Hartford, Conn.  
 Manville E. J. Machine Co., Waterbury, Conn.  
 National Machinery Co., Tiffin, O.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

### 8922—Rivet Machinery

Acme Machinery Co., Cleveland, O.  
 Ajax Mfg. Co. (Automatic & Hand Feed), Cleveland, O.  
 Coulter & McKenzie Mach. Co., Bridgeport, Conn.  
 Draher Jno., Waterbury, Conn.  
 Manville E. J. Mach. Co., Waterbury, Conn.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

### 8923—Rivet Spinning Machines

Grant Mfg. & Machine Co. ("Grant"), Bridgeport, Conn.  
 Stecher Chas. Co. ("High Speed"), 1580 Crossing, Chicago, Ill.  
 Wilcor Mfg. Co., 4824 W Lake, Chicago, Ill.

### 8924—Rivet & Hook Applying Machines

Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

### 8925—Rivet & Staple Setting Machines

Standard Rivet Co., 41 Lincoln, Boston, Mass.  
 Thomson Judson L. Mfg. Co. (Automatic Driving & Setting), Waltham, Mass.

### 8926—Riveting Machines

See also Pneumatic Riveters.

Albree Chester B. Iron Works Co., 1201 Metropolitan, Pittsburgh, Pa.  
**ALLEN JOHN F. CO.**, 370 Gerard av, New York  
 Bilton Machine Tool Co. (The), ("Hubbell"), Bridgeport, Conn.  
 Cincinnati Pulley Machy. Co. ("National" High Speed), Cincinnati, O.  
 Coates Clipper Mfg. Co. (Portable, Electric Driven), Worcester, Mass.  
 Grant Mfg. & Mach. Co. ("Grant" Vibrator), Bridgeport, Conn.  
 High Speed Hammer Co., Rochester, N. Y.  
**HILLES & JONES CO.**, (Power), East Wilmington, Del.  
*See adv index at end of book*  
 Kane & Roach, Syracuse, N. Y.  
 Long & Allstatter Co., Hamilton, O.  
**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
**NIAGARA MACHINE & TOOL WORKS** (Sheet Metal), Buffalo, N. Y.  
*See adv index at end of book*  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Perkins Mach. Co. (Power), Warren, Mass.  
 Rock River Machine Co. ("Badger," Hand Power, etc), Janesville, Wis.  
 Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.  
**SHUSTER F. B. CO.** (Elastic Rotary Blow, etc), Cedar Hills, New Haven, Conn. *See adv index at end of book*  
 Star Heel Plate Co. ("Clincher"), Hamburg pl., Newark, N. J.  
 Townsend H. P. Mfg. Co. (Multi-Blow High Speed), Hartford, Conn.  
 Whiting Geo. Co. (Belt Power), 1719 Elston av, Chicago, Ill.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
 Williams, White & Co., Moline, Ill.

### 8927-8—Riveting Machines (Electric)

Barnes & Kobert Mfg. Co., Milldale, Conn.  
 New England Machinery Co., New Haven, Conn.

### 8929—Riveting Machines (Hand)

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
 Root-Heath Mfg. Co. ("Ideal"), Plymouth, O.  
 Smith F. H. Mfg. Co. ("Best Yet," "Improved Sight Feed," "Pony," "Rex," "Simplex," Hand & Foot Power for Tubular or Bifurcated Harness & Shoe Riveting, etc), 3047 Carroll av, Chicago, Ill.  
 Williams A. C. ("Tom-Thumb," "Acme," "Handy," "Uncle Sam," "Little Giant"), Ravenna, O.

### 8930—Riveting Machines (Hoop)

Strait H. N. Mfg. Co., Kansas City, Kans.

### 8931—Riveting Machines (Hydraulic)

Albree Chester B. Iron Works Co., 1201 Metropolitan, Pittsburgh, Pa.  
 Alliance Machine Co., Alliance, O.  
 Chambersburg Engng. Co., Chambersburg, Pa.  
 Mackintosh, Hemphill & Co. (Heavy), Pittsburgh, Pa.  
**MORGAN ENGINEERING CO.** (Solid Stake, Loose Head; also Two-Piece Stake, etc), Alliance, O.  
*See adv index at end of book*  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.  
**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*  
 Wood R. D. & Co., 40 Chestnut, Phila., Pa.  
 Wood W. H., Media, Pa.

### 8932—Riveting Machines (Hydraulic Lifting)

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

### 8933—Riveting Machines (Pneumatic)

See Pneumatic Riveters

### 8934—Riveting Machines (Portable)

See also Pneumatic Riveters

Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.  
 Wood Wm. H., Media, Pa.

### 8935—Riveting Machines (Rotary Blow)

Bilton Machine Tool Co. (The), ("Hubbell"), Bridgeport, Conn.  
 High Speed Hammer Co. (Elastic), Rochester, N. Y.  
**SHUSTER F. B. CO.** (Elastic), Cedar Hills, New Haven, Conn.  
*See adv index at end of book*

### 8936—Riveting Machines (Spoke)

Williams, White & Co., Moline, Ill.

### 8937—Riveting Machines (Stake)

Rock River Machine Co. ("Badger"), Janesville, Wis.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*

### 8938-9—Riveting Machines (Steam)

**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
 Niles-Bement-Pond Co., 111 B'way, New York

### Road Making Machinery

See Asphalt Machinery: Concrete Mixers; Ditching Machines; Plows, Contractors; Road Machines & Graders; Road Scrapers, Drag & Wheel; Rock & Ore Crushers; Rollers, Steam Road  
 For all other Road Making Specialties, see Index of Contents



**8940—Rock Drill Sharpening Machines**

See also Drill Sharpening Machines

**INGERSOLL-RAND CO.** ("Leyner"), 11 B'way, New York  
*See adv index at end of book***8941—Rocker Cut-Off Sawing Machines**

Connell &amp; Dengler Mach. Co., Rochester, N. Y.

**8942—Rod Heading Machines**Manville E. J. Machine Co., Waterbury, Conn.  
National Machy. Co., Tiffin, O.**8942a—\*Rod Mill Machinery**

Philadelphia Roll &amp; Machine Co., 23d &amp; Washington av, Phila., Pa.

**8943—Rod or Bar Drawing Machines**Brightman Mfg. Co., Columbus, O.  
Morgan Construction Co., Worcester, Mass.**8944—Rod, Pin & Dowel Machines**American Wood Working Machine Co., Rochester, N. Y.  
Baker Bros., Toledo, O.  
Bentel & Margedant Co., Hamilton, O.  
Cordesman-Rechtin Co., Butler, Cincinnati, O.  
Dauber Bell Machine Co., Oshkosh, Wis.  
Fay J. A. & Egan Co., Cincinnati, O.  
Frank Machinery Co., Buffalo, N. Y.  
Goodspeed Machine Co., Winchendon, Mass.  
Jenkins Machine Co. (Dowel Boring Machines), Sheboygan, Wis.  
Ober Mfg. Co., Chagrin Falls, O.  
Pringle & Brodie, 514 S Canal, Chicago, Ill.  
Smith H. B. Machine Co., Smithville, N. J.  
Trevor Mfg. Co., Lockport, N. Y.  
Valley City Machine Works, Grand Rapids, Mich.**8945—Rod & Tube Drawing Machines**

Richard Mfg. Co., Bloomsburg, Pa.

**8946—Rod & Tube Pointing Machines****EXCELSIOR NEEDLE CO.** ("Dayton"), Torrington, Conn.  
*See adv index at end of book*  
Morgan Construction Co., Worcester, Mass.**8947—Roll Covering Machines**

Turner J. S. Mfg. Co., Lowell, Mass.

**8948—Roll Grooving Machines**Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Morgan Construction Co., Worcester, Mass.  
Pratt & Whitney Co., Hartford, Conn.**8949—Roll Straightening & Finishing Machines**Brightman Mfg. Co., Columbus, O.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.**8950—Roll Threading Machines**

National Machinery Co. (Vertical), Tiffin, Ohio

**8951—Rolling Mill Machinery**

See also Tin Plate Mill Machinery, etc.

Aetna Foundry & Machine Co., Warren, O.  
Alliance Machine Co., Alliance, O.  
American Sheet & Tin Plate Co. Roll & Machine Works, Canton, O.  
Bertsch & Co., Cambridge City, Ind.  
Bethlehem Steel Co., South Bethlehem, Pa.  
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
Birmingham Iron Foundry, Derby, Conn.  
Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.Bruce-Macbeth Engine Co., Cleveland, O.  
Cleveland Machine & Mfg. Co., Cleveland, Ohio

Danville Foundry &amp; Machine Co., Danville, Pa.

Farrel Foundry &amp; Machine Co. (For Brass, Copper, Zinc, Britannia, etc), Ansonia, Conn.

Fawcus Machine Co. (Gears &amp; Special Machinery), 1st Nat. Bk. Bldg., Pittsburgh, Pa.

Ferracute Machine Co. (For Coining Strips), Bridgeton, N. J.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

Hubbard Steel Foundry Co., East Chicago, Ind.

Hyde Park Foundry &amp; Machine Co., Hyde Park, Pa.

Johnston &amp; Jennings Co., Addison rd &amp; N. Y. C. R. R., Cleveland, O.

*See adv index at end of book*

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United Engineering &amp; Foundry Co., 307 5th av, Pittsburgh, Pa.

Weimer Machine Works Co., Lebanon, Pa.

Wellman-Seaver-Morgan Co., Cleveland, Ohio

Wheeling Mold &amp; Foundry Co., Wheeling, W. Va.

Woodard Machine Co., Wooster, O.

Youngstown Engineering Co., Youngstown, O.

Youngstown Foundry &amp; Machine Co., Youngstown, O.

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Guyton &amp; Cumfer Mfg. Co., 4451 Fillmore, Chicago, Ill.

**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book***8953—Roofing Paper Machines**Haberkamp Wm. Machine Works (Two or Three Ply), 442 Wells, Chicago, Ill.  
Moore & White Co., N 15th & Lehigh av., Phila., Pa.  
Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book***8954—Roofing Tile Cutting Machines**

American Clay Machinery Co., S Walnut, Bucyrus, O.

**8955—Roofing Tile Machinery**Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

American Clay Machinery Co., S Walnut, Bucyrus, O.

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.*See adv index at end of book*

Fate J. D. Co., Plymouth, O.

Illinois Supply &amp; Construction Co. ("Grath"), St. Louis, Mo.

International Clay Machy. Co., Dayton, O.

Turner, Vaughn &amp; Taylor Co., Cuyahoga Falls, O.

**8956—Rope Moulding Machines**

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**Rope Transmitting Machinery**

See Power Transmitting Machinery, Rope

**Rope & Twine Machinery**

See Cordage Machinery

**8957—Rosette & Corner Block Machines**Pringle & Brodie, 514 S Canal, Chicago, Ill.  
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**8958—Rotary Printing & Rewinding Machines**

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**8959—Round Cornering Machines**

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Osco Machine Co. ("Osco"), 185 Franklin, Boston, Mass.

Porter C. O. Machy. Co., Grand Rapids, Mich.

Royle Jno. &amp; Sons (Die Sinkers), Paterson, N. J.

Smith H. B. Machine Co., Smithville, N. J.

Valley City Mach. Works, Grand Rapids, Mich.

**8961—Rubber Band Cutting Machines**

Adamson Machine Co., Akron, O.

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.*See adv index at end of book*

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Farrel Foundry &amp; Machine Co., Ansonia, Conn.



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Farrel Foundry & Machine Co., Ansonia, Conn.

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

Thropp Wm. R. & Sons Co., Trenton, N. J.

Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

## 8966—Rubber Cement Mixing Machines

American Tool & Machine Co., 10 High, Boston, Mass.

WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

## 8967—Rubber Doubling Machines

American Tool & Machine Co. (For Automobile Cloths, Waterproofing), 10 High, Boston, Mass.

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

Farrel Foundry & Machine Co., Ansonia, Conn.

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Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.

*See adv index at end of book*

Farrel Foundry & Machine Co., Ansonia, Conn.

Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

Thropp Wm. R. & Sons Co., Trenton, N. J.

THROPP'S JOHN E. SONS CO., ft of Lewis, Trenton, N. J.

*See adv index at end of book*

WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

## 8969—Rubber Hose Braiding Machines

New England Butt Co., 304 Pearl, Providence, R. I.

Textile Machine Works, Reading, Pa.

## 8970—Rubber Hose Making Machines

Adamson Machine Co., Akron, O.

Baker Wm. H., Trenton, N. J.

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

Farrel Foundry & Machine Co., Ansonia, Conn.

New England Butt Co., 304 Pearl, Providence, R. I.

Royle Jno. & Sons, Paterson, N. J.

## 8971—Rubber Hose Wiring Machines

Baker Wm. H., Trenton, N. J.

## 8972—Rubber Mill Machinery

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*

Adamson Machine Co., Akron, O.

American Tool & Machine Co. (Churns, Cement Mixers & Spreaders Doublers), 10 High, Boston, Mass.

Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

Clark Edred W. (For Making Carriage Tires, Wire Covering), Hartford, Conn.

CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.

*See adv index at end of book*

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*See adv index at end of book*

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WERNER & PFLEIDERER CO. (Filter Presses, Masticators & Rubber Solution Machines & Rubber Washers), Saginaw, Mich.

*See adv index at end of book*

Williams Foundry & Machine Co. of Ohio, Akron, O.

## 8973—Rubber Mixing Machines

Abbe Paul O., 30 Broad, New York

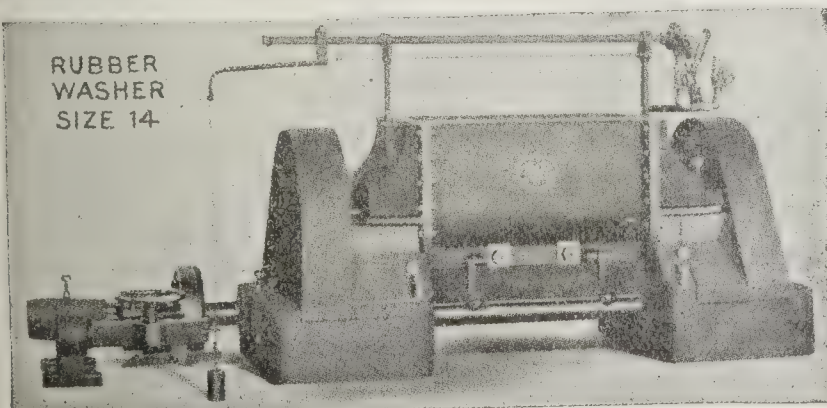
Day J. H. Co., Cincinnati, O.

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American Process Co., 68 William, New York

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Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

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Thropp Wm. R. & Sons Co., Trenton, N. J.

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Baker Wm. H., Trenton, N. J.

### 8977—Rubber Slitting Machines

Trenton Machine Specialty Co., Trenton, N. J.

### 8978—Rubber Solution Machines

**WERNER & PFLEIDERER CO.** ("Klingret Type"), Saginaw, Mich. *See adv index at end of book*

### 8979—Rubber Spreading Machines

American Tool & Machine Co., 10 High, Boston, Mass.

New England Butt Co., 304 Pearl, Providence, R. I.

### 8980—Rubber Straining Machines

Housatonic Mach. & Tool Co., Bridgeport, Conn.

### 8981—Rubber Strip Cutting Machines

New England Butt Co., 304 Pearl Providence, R. I.

Trenton Machine Specialty Co., Trenton, N. J.

### 8982—Rubber Tire Applying Machinery

Batavia Rubber Co., Batavia, N. Y.  
Pettigrew Foundry ("Burlington," for Applying Carriage Tires), Harvey, Ill.  
Williams Foundry & Machine Co. of Ohio, Akron, O.

### 8983—Rubber Tire Machines

Clark Edred W. (Tubing, Tire & Electric, etc.), Hartford, Conn.

Royle Jno. & Sons, Paterson, N. J.

**THROPP'S JNO. E. SONS CO.**, ft of Lewis, Trenton, N. J.

*See adv index at end of book*

Trenton Machine Specialty Co., Trenton, N. J.

Williams Foundry & Machine Co. of Ohio, Akron, O.

### 8984—Rubber Tube Making Machines

Adamson Machine Co., Akron, O.

Allen Machine Co., Erie, Pa.

Clark Edred W., Hartford, Conn.

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Farrel Foundry & Machine Co., Ansonia, Conn.

Royle Jno. & Sons, Paterson, N. J.

Textile Machine Works, Reading, Pa.

Trenton Machine Specialty Co., Trenton, N. J.

### 8985—Rubber Tubing Machines

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Clark Edred W., Hartford, Conn.

Housatonic Mach. & Tool Co., Bridgeport, Conn.

Royle John & Sons, Paterson, N. J.

Williams Foundry & Machine Co. of Ohio, Akron, O.

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Birmingham Iron Foundry ("Birmingham"), Derby, Conn.

### 8987—Rubber Vulcanizing Machines

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Monitowac Engineering Works, Monitowac, Wis.

### 8988—Rubber Warming Machines

Thropp Wm. R. & Sons Co., Trenton, N. J.

### 8989—Rubber Washing Machines

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Farrel Foundry & Machine Co., Ansonia, Conn.

Thropp Wm. R. & Sons Co., Trenton, N. J.

**THROPP'S JNO. E. SONS CO.**, ft of Lewis, Trenton, N. J.

*See adv index at end of book*

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**WERNER & PFLEIDERER CO.** Saginaw, Mich. *See adv index at end of book*

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Rockford Tool Co., Rockford, Ill.

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Curry J. W. Co. (Axle Sanding), 2615 Cummins, Cincinnati, O.

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### 8992—Ruching Ruffling Machines

Lindner & Vradenburgh, 239 Centre, New York

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Grammes L. F. & Sons, Allentown, Pa.

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**BECK CHAS. CO.**, 607 Chestnut, Philadelphia, Pa. *See adv index at end of book*

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### 8995—Ruling Machines

Blackhall Mfg. Co. 196 Seneca, Buffalo, N. Y.

Hickox W. O. Mfg. Co., Harrisburg, Pa.

Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

McAdams John & Sons, 978 Kent av, Brooklyn, N. Y.

Osco Machine Co. ("Osco"), 185 Franklin, Boston, Mass.

Royle Jno. & Sons (Engravers), Paterson, N. J.

### 8996—Saddle Seat Machines

Defiance Machine Works (Bars or Trees), Defiance, Ohio

Gardner Machine Works, Gardner, Mass.

### 8997—Safety Pin Machinery

Baird Machine Co. ("Automatic"), Bridgeport, Conn.

Manville E. J. Machine Co., Waterbury, Conn.

### 8998—Salt Making Machinery

Willcox Engineering Co. (Automatic Rakers for Grainers), 1525 Holland, Saginaw, Mich.

### 8999—Salt Well Machinery

Manistee Iron Works Co., Manistee, Mich.

Willcox Engineering Co. (For Salt Works), 1525 Holland av, Saginaw, Mich.

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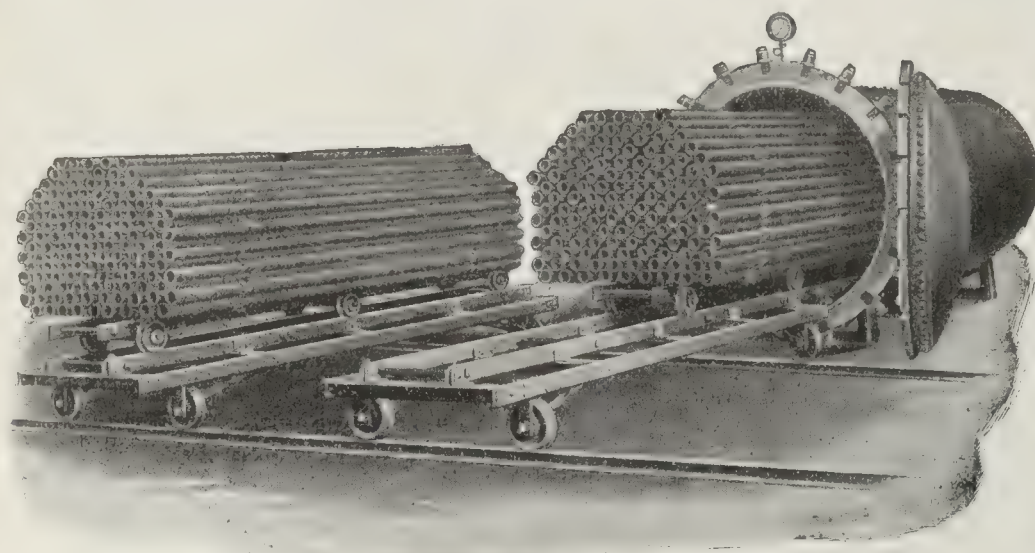
American Foundry Equipment Co. ("Wadsworth"), 52 Vanderbilt av, New York

Astle H. J. & Co. ("Boland," Automatic Self-Feeding), 118 Orange, Providence, R. I.

Betton J. M. (Injector Sand Blast Apparatus), 26 Park pl, New York

Brown Specialty Machinery Co., 2424 W 22d, Chicago, Ill.

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 Pangborn Corp. (Rotary Table), Hagerstown, Md.  
 Paxson J. W. Co. ("Paxson-Warren"), 1021 N Delaware av., Phila., Pa.  
 Sippel Theo. A. (For Brass Workers, Nickel Platers, etc), 205 McWhorter, Newark, N. J.  
 Sly W. W. Mfg. Co., 4723 Train av., Cleveland, O.  
 Tilghman-Brooksbank Sand Blast Co. ("Tilghman," "Matthewson"), 1126 S 11th, Phila., Pa.

### 9001—Sand-Lime Brick Machinery

*See also Brick Press Machines, etc*  
 Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 American Clay Machinery Co., S Walnut, Bucyrus, O.  
 American Process Co., 68 William, New York  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Jackson & Church Co., Saginaw, Mich.  
 Wilmington Iron Works (Mixers), Wilmington, N. C.

### 9002—Sand Mixing Machines

American Clay Machinery Co. (Grinding & Mixing), S Walnut, Bucyrus, O.  
 Barbour Stockwell Co. ("Boston"), Cambridge, Mass.  
 Blystone Mfg. Co., Cambridge Springs, Pa.  
 Dunning W. D., Syracuse, N. Y.  
 Erie Machine Shops, Erie, Pa.  
 Farrel Foundry & Machine Co., Ansonia, Conn.  
 Frost Mfg. Co., Galesburg, Ill.  
 Hanna Engineering Works ("Hanna" Foundry), 2059 Elston av., Chicago, Ill.  
 Lakewood Engineering Co. (Foundry), Cleveland, O. *See adv index at end of book*  
 Link-Belt Co., 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.  
 National Engineering Co. ("Simpson"), 5 N La Salle, Chicago, Ill.  
 Osborne Mfg. Co., 5405 E Hamilton, Cleveland, O.  
 Sand Mixing Machine Co. ("Auto"), 52 Vanderbilt av., New York  
 Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.  
 Sly W. W. Mfg. Co., 4723 Train av., Cleveland, O.  
 Smith T. L. Co. (Foundry), 1151 32d, Milwaukee, Wis.  
 Standard Sand & Machine Co., 5150 St. Clair av., Cleveland, O.  
 Vulcan Engineering Sales Co. ("Milwaukee" Foundry), 2059 Elston av., Chicago, Ill.  
 Wadsworth Core Machinery & Equipment Co., Akron, O.

### Sand Molding Machines

*See Molding Machines, Foundry*

### 9003—Sand Paper Making Machinery

Waldron Jno. Co., New Brunswick, N. J.

### 9004—Sand Papering Machines

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 Beach Mfg. Co., Montrose, Pa.  
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 Clemons Machine Co. (Belt), Hornell, N. Y.  
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 Lucas Machine Co., Jamestown, N. Y.  
 Maddox Machine Co. (Belt), Jamestown, N. Y.  
 Mattison C. Machine Works, Beloit, Wis.  
 Nash J. M. ("Nash" Automatic Sanders & Polishers), 842 30th, Milwaukee, Wis.  
 National Woodworking Machine Co., Dover, N. H.  
 Porter C. O. Machinery Co., Grand Rapids, Mich.  
 Redin, Ekstrom & Co. (Also Belt & Roller Sanders), Rockford, Ill.  
 Rockford Tool Co. (Belt), Rockford, Ill.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Yates P. B. Machine Co., Beloit, Wis.

### Sand Sifting Machine

*See Sifters, Sand*

### 9005—Sander & Boring Machines

Bentel & Margedant Co. (Flexible Arm), Hamilton, O.

### 9006—Sanding Machines (Picture Frame Moulding)

Oakley & Jansen Machine Co., Parkersburg, W. Va.

### 9007—Sanding & Polishing Machinery

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 Defiance Machine Works, Defiance, O.  
 Fischer Machine Works, 1845 Carroll av., Chicago, Ill.  
 Heath W. A. Machine Co. ("Empire" Double Drum Sander), Lestershire, N. Y.  
 Jones Superior Machine Co., 1264 W North av., Chicago, Ill.  
 Nash John M., 842 30th, Milwaukee, Wis.  
 Ober Mfg. Co., Chagrin Falls, O.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Porter C. O. Machinery Co. (For Spindle Carvings), Grand Rapids, Mich.  
 Schimmel, Reid & Co. ("Simplex" Belt), Faribault, Minn.  
 Valley City Machine Works ("Champion" Bench Sander for Spindle Carvings), Grand Rapids, Mich.  
 Yates P. B. Machine Co., Beloit, Wis.

### 9008—\*Sanitary Can-Making Machinery

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y.

*For branch offices see adv index at end of book*

### 9009—Sanitary Earthenware Machinery

Iveng Wm. H. Sons Co., P. O. Box, 647 Trenton, N. J.

### 9010—Sash Chain Machines

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

### 9011—Sash, Door & Blind Machinery

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 Fay J. A. & Egan Co., Cincinnati, O.  
 Frank Machinery Co., Buffalo, N. Y.  
 Greenlee Bros. & Co., Rockford, Ill.

Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.  
 Hayes E. B. Machine Co., Oshkosh, Wis.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Yates P. B. Machine Co., Beloit, Wis.

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Haberkamp Wm. Machine Works, 442 Wells, Chicago, Ill.

### 9015—Sausage Making Machines

*See also Stuffers, Sausage*

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 Brecht Co., 1201 Cass av., St. Louis, Mo.  
 Oppenheimer S. & Co., 2700 S Wabash av., Chicago, Ill.  
 Smith's Jno. E. Sons Co. ("Buffalo Silent"), Buffalo, N. Y.

### 9016—Saw Filing & Setting Machines

*See also File Room Machinery; also Band Saw Filing & Setting Machines*

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*  
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 Rotary File & Machine Co. ("New Reliable" Automatic, for Circular Saws), 200 Diamond, Brooklyn, N. Y.  
 SIMONDS MFG. CO., Fitchburg, Mass.  
*See adv index at end of book*  
 Wright Chas. E. Co. (For Band & Circular Saws), Kenilworth, N. J.  
 Zeiller & Nagel ("Bauer" Circular Saw Setting), 232 Java, Brooklyn, N. Y.

### 9017—Saw Fitting Machinery

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.  
 Covell Mfg. Co., Benton Harbor, Mich.  
 Hanchett Swage Works, Big Rapids, Mich.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 White A. E. Machine Works Eau Claire, Wis.

### 9018—Saw Making Machinery

Hess Machine Works (Saw Setting & Cutting Machines), 2512 Callowhill, Phila., Pa.

### 9019—Saw Mill Machinery

*See also Saw Mills, Various Kinds; also Shingle Mill Machinery; also Lath Mills & Bolters; also Lath & Picket Mills*  
 Abbott D. S. Co., Olean, N. Y.  
 Adams W. T. Machine Co., Corinth, Miss.  
 Alabama Iron Works, Mobile, Ala.  
 Albany Iron Works, Albany, Ore.  
 ALLIS-CHALMERS MFG. CO., (Circular Saws), Milwaukee, Wis.  
*See adv index at end of book*  
 American Saw Mill Machinery Co., Hackettstown, N. J.  
 Appomattox Iron Works & Supply Co., Petersburg, Va.  
 Ashland Iron Works, Ashland, Ore.  
 Aultman & Taylor Machinery Co., Mansfield, O.  
 Baldwin, Tuthill & Bolton, Grand Rapids, Mich.  
 Barnard Mfg. Co., Spokane, Wash.  
 Bartlett A. F. & Co., Saginaw, Mich.  
 Bartley Wm. & Sons, Bartley, N. J.  
 Birdsall Engine Co., Auburn, N. Y.  
 Challoner Co., Oshkosh, Wis.



Chandler & Taylor Co., Indianapolis, Ind.  
 Chapmans T. M. Sons Co., Old Town, Me.  
 Chase Turbine Mfg. Co., Orange, Mass.  
 Clark Bros. Co., Olean, N. Y.  
 Coleman Feed Roller Co., Vredenburgh, Ala.  
 Columbia Engineering Works, 222 Pine, Portland, Ore.  
 Columbus Iron Works, Columbus, Ga.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 De fiance Machine Works (Light Only), De fiance, O.  
 De Loach Mill Mfg. Co., Bridgeport, Ala.  
 Diamond Iron Works, 2nd & 18th av, N Minneapolis, Minn.  
 Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.  
 Enterprise Co., Columbiana, O.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Filer & Stowell Co., Milwaukee, Wis.  
 Fisher & Davis Mfg. Co., 934 N 1st, St. Louis, Mo.  
 Frick Co., Waynesboro, Pa.  
 Gainesville Iron Works, Gainesville, Ga.  
 Garland M. Co., Bay City, Mich.  
 Georgia Iron Works, Augusta, Ga.  
 Giddings & Lewis Mfg. Co., Fond du Lac, Wis.  
 Griffith & Wedge Co., Zanesville, O.  
 Harron, Rickard & McCone, 139 Townsend, San Francisco, Cal.  
 Heilman Machine Works, Evansville, Ind.  
 Henderson W. K., Iron Works & Supply Co., Shreveport, La.  
 Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.  
 Humphrey Machine Co., Keene, N. H.  
 Ireland Machine & Foundry Co., Norwich, N. Y.  
**JEFFREY MFG. CO.** (Elevating & Conveying), 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
 Kehoe Iron Works, Savannah, Ga.  
 Kline Lewis T., Alpena, Mich.  
 Knight Mfg. Co., Canton, O.  
 Lake Shore Engine Works, Marquette, Mich.  
 Lane Mfg. Co., Montpelier, Vt.  
 Lawrenceville Mfg. Co., Lawrenceville, Ga.  
 Lenker Frank K & Co., Millersburg, Pa.  
 Lexington Engine & Boiler Works, Lexington, Ky.  
 Liddell Co., Charlotte, N. C.  
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Lombard Iron Works & Supply Co., Augusta, Ga.  
 Lufkin Foundry & Machine Co., Lufkin, Tex.  
 Lyon Iron Works, Greene, N. Y.  
 McDonough Mfg. Co., Eau Claire, Wis.  
 Mallory & Roper Co., Macon, Ga.  
 Manistee Iron Works Co., Manistee, Mich.  
 Mecklenburg Iron Works, Charlotte, N. C.  
 Memphis Machine Works, Memphis, Tenn.  
 Mitts & Merrill, 1939 S Water, Saginaw, Mich.  
 Moltz Jacob J., Williamsport, Pa.  
 Murray D. J. Mfg. Co., Wausau, Wis.  
 Murray Iron Works Co., Burlington, Ia.  
 Myrick Machine Co., Olean, N. Y.  
 National Iron Co., Duluth, Minn.  
 Noye Bros. Co., Buffalo, N. Y.  
 Ocala Iron Works, Ocala, Fla.  
 Peglar Mfg. Co., Chattanooga, Tenn.  
 Phoenix Iron Works, E 2nd & Hawthorne, Portland, Ore.  
 Phoenix Mfg. Co., Eau Claire, Wis.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Portland Iron Works, 14th & Northrup, Portland, Ore.  
 Prescott Co., Menominee, Mich.  
 Ricker T. H. & Sons Co., Harrison, Me.  
 Russell & Co., Massillon, O.  
 Salem Iron Works, Winston Salem, N. C.  
 Sinkers-Davis Co., Indianapolis, Ind.  
 Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.  
 Soule Steam Feed Works, Meridian, Miss.  
 Southern Engine & Boiler Works, Jackson, Tenn.  
 Standard Saw Mill Machinery Co., Erie, Pa.  
 Stearns Co., Erie, Pa.  
 Stellman L. H. & Son, Brattleboro, Vt.  
 Sumner Iron Works, Everett, Wash.  
 Trevor Mfg. Co. (Short Log), Lockport, N. Y.

Union Iron Works, Bangor, Me.  
 U. S. Machine Co., Williamsport, Pa.  
 Vulcan Iron Works, 1849 Kearny, San Francisco, Cal.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Wheland Co., Chattanooga, Tenn.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
 Wilkin-Challoner Co., Oshkosh, Wis.  
 Woodruff Machinery Mfg. Co., Winder, Ga.

## 9020—Saw Rounding Machines

Mixter J. W. Saw Tool Co., Plymouth, Mass.

## Saw Setting Machines

See Saw Filing & Setting Machines; also Band Saw Filing & Setting Machines; also File Room Machinery

## 9021—Saw Sharpening Machines

See also Sharpeners, Saw; also Band Saw Filing & Setting Machines; also Saw Filing & Setting Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

Black Diamond Saw & Mach. Works, Natick, Mass.

Cochrane-Bly Co. (Metal Saws), Rochester, N. Y.

Covel Mfg. Co. (For Automatic Band Gang, Circular & Metal Saws, etc), Benton Harbor, Mich.

Crown Iron Works Co. ("Blackmer"), 1229 Tyler, Minneapolis, Minn.

Diamond Machine Co., Providence, R. I.

Disston Henry & Sons ("Borthwick" or Emery Wheel Gummer), Tacony, Phila., Pa.

Espen-Lucas Machine Works (Power, Automatic), 21 Girard av, Phila., Pa.

Fairbanks E. & T. & Co., St. Johnsbury, Vt.

Higley Machine Co., Croton Falls, N. Y.

Hooker O. V. & Son (Automatic), St Johnsbury, Vt.

Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.

Newton Machine Tool Works (For Solid & Inserted Tooth Blades), 23 Vine Phila., Pa.

Nutter & Barnes Co. (3 to 36 in. Automatic), Hinsdale, N. H.

Oliver Machinery Co. (Automatic), Grand Rapids, Mich.

Rogers Sam'l C. & Co. ("Buffalo" Band & Circulars), 10 Lock, Buffalo, N. Y.

Rotary File & Machine Co. (Automatic for Band & Circular Saws), 200 Diamond Brooklyn, N. Y.

Schuchardt & Schutte, 90 West, New York

Wardwell Mfg. Co., 110 Hamilton av N E, Cleveland, O.

Yates P. B. Machine Co., Beloit, Wis.

## 9022—Saw Stretching Machines

Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

Covel Mfg. Co., Benton Harbor, Mich.

Hanchett Swage Works, Big Rapids, Mich.

Yates P. B. Machine Co., Beloit, Wis.

## 9023-4—Saw & Chuck Machines

Nash J. M. ("Nash" Automatic), 842 30th, Milwaukee, Wis.

## 9025— Scarfing Machines

Mitts & Merrill (Band Saws), 1929 S Water, Saginaw, Mich.

United Engineering & Foundry Co. (Movable Motor Driven for Pipe & Tube Mills), 307 5th av, Pittsburgh, Pa.

## 9026— Scouring Machines

**CROSSLEY MACHINE CO.** (For Potteries), State & Chestnut av, Trenton, N. J. *See adv index at end of book*

## 9027— Scow Machinery

Superior Iron Works Co., Superior, Wis.

## Scrap Reclaiming Machines

See Rolls, Scrap Reclaiming

## 9028—Scrap Wire Bundling Machines

Turner-Vaughn & Taylor Co., Cayahoga Falls, O.

## 9029— Screening Machinery

Batavia Engineering Works, Batavia, Ill.

Chain Belt Co., Milwaukee, Wis.

Howes S. Co., Silver Creek, N. Y.

Huntley Mfg. Co. ("Monitor" Grain & Seed Extractors), Silver Creek, N. Y.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.

*See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Webster Mfg. Co., Tiffin, O.

## 9030—Screw Bank Heading Machines

Manville E. J. Machine Co., Waterbury, Conn.

## 9031—Screw Cap Rolling Machines

**AMERICAN CAN CO.** (Machinery Dept.), ("Rudolphi & Krummel" Automatic), Monroe bldg, Chicago, Ill.

*See adv index at end of book*

## 9032—Screw Cutting Machines

Automatic Machine Co., Bridgeport, Conn.

**GREENFIELD TAP & DIE CORPN** ("G. T. D." with Automatic Die Heads for Bolts, Nuts & Pipe), Greenfield, Mass. *See adv index at end of book*

Landis Machine Co., Waynesboro, Pa.

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

Potter-Johnston Machine Co., Pawtucket, R. I.

Rivett, Lathe & Grinder Co., 2 Brooks Brighton, Boston, Mass.

## 9033—Screw Driving Machines

Reynolds Pattern & Machine Co. (Automatic Power), Moline, Ill.

## 9034—Screw Heading Machines

Cook Asa S. Co., Hartford, Conn.

International Machine & Screw Co., Springfield, Mass.

Manville E. J. Machine Co., Waterbury, Conn.

## 9035— Screw Machines

See also Lathes, Turret

Acme Machine Tool Co., Cincinnati, O.

**BLISS E. W. CO.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.

*See adv index at end of book*

Brown & Sharpe Mfg. Co. (Plain, Wire Feed Automatic, etc), Providence, R. I.

Dreses Machine Tool Co., Cincinnati, O.

Foster Machine Co., Elkhart, Ind.

International Machine & Screw Co., Springfield, Mass.

Jones & Lamson Machine Co., Springfield, Vt.

Leisy-Patton Co. (Turret), 3405 Perkins av, Cleveland, O.

Meriden Mach. Tool Co. (Hand), Meriden, Conn.

Millholland W. K. Machine Co., Indianapolis, Ind.

National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, O.

New Britain Machine Co., ("New Britain," Six Spindle Automatic), 190 Chestnut, New Britain, Conn.

Smurr & Kamen Machine Co. (Plain Head), 313 N Whipple, Chicago, Ill.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.

Wachs E. H. Co. (Hand), 149 W Grand, Chicago, Ill.

Warner & Swasey Co. (Turret), Cleveland, O.

Wood Turret Machine Co. (Tilted Turret), Brazil, Ind.

## 9036—Screw Machines (Automatic)

**BLISS E. W. CO.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.

*See adv index at end of book*

Brown & Scharpe Mfg. Co., Providence, R. I.

Chicago Automatic Machine Co., 400 N Oakley Bl., Chicago, Ill.

Cincinnati Automatic Machine Co., Oakley, Cincinnati, O.

Cleveland Automatic Machine Co., Cleveland, O.

Davenport Machine Tool Co., ("Davenport Multiple Spindle"), New Bedford, Mass.

Davis Sewing Machine Co., ("Lester" Multiple Spindle), Dayton, O.



Hartford Machine Screw Co., (Turning & Threading), Hartford, Conn.  
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 New Britain Machine Co., ("New Britain" Six Spindle), 190 Chestnut, New Britain, Conn.  
 Peerless Automatic Machine Co., (Multiple Spindle), Cleveland, O.  
 Pratt & Whitney Co. (With Magazine Attachment, etc.), Hartford, Conn.

### 9037—Screw Machines (Gimlet Pointing)

Manville E. J. Machine Co., Waterbury, Conn.  
 National Machinery Co., Tiffin, O.  
 Pawtucket Mfg. Co., Pawtucket, R. I.

### 9038—Screw Machines (Hand)

Bardons & Oliver, Cleveland, O.  
**BLISS E. W. Co.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.  
*See adv index at end of book*  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Dresses Machine Tool Co., Cincinnati, O.  
 Fay & Scott, Dexter, Me.  
 Garvin Machine Co. (Double Turret), 147 Varick, New York  
 Pratt & Whitney Co., Hartford, Conn.  
 Stecher Chas. Co., 1574 Crossing, Chicago, Ill.  
 Turner Machine Co., Danbury, Conn.  
 Warner & Swasey Co., Cleveland, O.  
 Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

### 9039—Screw Machines (Multiple Spindle)

Cincinnati Automatic Machine Co., Oakley, Cincinnati, O.  
 National-Acme Mfg. Co., 7500 Stanton av, S E Cleveland, O.  
 New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

### 9040—Screw Machines (Sheet Metal)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

### 9041-2—Screw Pointing Machines

Pawtucket Mfg. Co. (For Coach Screws), Pawtucket, R. I.

### 9043—Screw Shaving Machines

Garvin Machine Co. (Screw Head Shaving), 147 Varick, New York  
 International Machine & Screw Co., Springfield, Mass.  
 Manville E. J. Machine Co. (Shaving & Slotting Combined), Waterbury, Conn.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Potter & Johnston Machine Co. (Shaving & Turning), Pawtucket, R. I.  
 Pratt & Whitney Co., Hartford, Conn.

### 9044—Screw Slotting Machines

*See also Slotting Machines*

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Davis Sewing Machine Co. ("Letter" Three Spindle Automatic), Dayton, O.  
 Garvin Machine Co., 147 Varick, New York  
 Hartford Machine Screw Co., Hartford, Conn.  
 Hubbell Harvey, Bridgeport, Conn.  
 International Machine & Screw Co., Springfield, Mass.  
 Manville E. J. Machine Co., Waterbury, Conn.  
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 Pratt & Whitney Co., Hartford, Conn.  
 Waterbury Farrel Foundry & Machine Co. (Automatic), Waterbury, Conn.

### 9045—Screw Spike Driving Machines

Greenlee Bros. & Co., Rockford, Ill.

### 9046—Screw Thread Rolling Machines

Acme Machinery Co., Cleveland, O.  
 Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.  
 International Machine & Screw Co., Springfield, Mass.  
 Leffler Chas. & Co. (For Sheet Metal Screws, etc.), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

Manville E. J. Machine Co. (Automatic), Waterbury, Conn.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

### 9047—Scroll Sawing Machines

American Woodworking Mach'y Co., Rochester, N. Y.  
 Barnes W. F. & Jno. Co. (Foot & Power), Rockford, Ill.  
 Beach Mfg. Co., Montrose, Pa.  
 Bentel & Margedant Co., Hamilton, O.  
 Colladay Jas. O. Co., 626 Race, Phila., Pa.  
 Cordesman-Rechtin Co., Butler, Cincinnati, O.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Frank Machinery Co., Buffalo, N. Y.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.  
 Jones Superior Machine Co., 1264 W North av, Chicago, Ill.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Seneca Falls Mfg. Co. ("Victor," Foot & Power), Seneca Falls N. Y.

### 9048—Scythe Rolling Machines

Birmingham Iron Foundry, Derby, Conn.

### 9049—Sealing Machinery

Anderson W. J. & Co. (Rapid), 341 B'way, New York  
 Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich.  
 Metal Specialties Mfg. Co. (Gummed Tape), 338 N Kedzie av, Chicago, Ill.  
 National Binding Machine Co., 260 West, New York  
 Pneumatic Scale Corp. (Ltd.), (Automatic), Norfolk Downs, Mass.  
 Powell Sealer & Tape Mfg. Co., Westerville, O.  
 Rexford Gummed Tape Co., 598 Clinton av, Milwaukee, Wis.

### 9050—Seaming Machines

**BLISS E. W. CO.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.  
*See adv index at end of book*  
 Canton Foundry & Machine Co. ("Universal," Power for Long Length Pipe), Canton, O.

### 9051—Seat Back Bending Machinery

Bentel & Margedant Co., Hamilton, O.

### Seine Making Machinery

*See Netting Machines*

### 9052—Separating Machinery (Cotton Seed)

Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Buckeye Iron & Brass Works, Dayton, O.

### 9053—Sewer Cleaning Machines

Shannon J. H. & R. Co. ("Shannon"), 538 Bergen av, Jersey City, N. J.  
 Stevenson W. J., 1720 Cedar, Milwaukee, Wis.

### 9054—Sewer Pipe Machinery

American Clay Machinery Co., S Walnut, Bucyrus, O.  
 Besser Mfg. Co., Alpena, Mich.  
 Sloux City Engine & Machinery Co., Sloux City, Iowa  
 Stevenson Co., Wellsville, O.  
 Taplin-Rice-Clerkin Co., Akron, O.  
 Turner, Vaughn & Taylor Co. (Clay Works), Cuyahoga Falls, O.

### 9055—Sewer & Trench Excavating Machines

Austin F. C. Drainage Excavator Co., Ry. Exch bldg, Chicago, Ill.  
 Buckeye Traction Ditcher Co. (Trench), Findlay, O.  
 Carson Trench Machine Co., 16 Dorrance, Boston, Mass.  
 Economy Excavator Co., Iowa Falls, Ia.  
 Heffron Trenching Co., Cleveland, O.  
 Heggie W. J. ("Monahan"), Joliet, Ill.  
 Keystone Driller Co. (Ditcher), Beaver Falls, Pa.  
 Marion Steam Shovel Co., P. O. Box 505, Marion, O.  
 Noble H. A. Co. (Odorless Excavating), 203 Dock, Phila., Pa.

Osgood Co., Marlon, O.  
 Parsons G. W. Co. ("Parson's"), Newton, Ia.  
 Pawling & Harnischfeger Co. (Wheel or Ladder), Milwaukee, Wis.  
 Potter Mfg. Co., Indianapolis, Ind.  
 Waterloo Cement Machinery Corp., Waterloo, Ia.

### 9056—Sewing Machine Mfrs.

Bauer Machine Co. (Lock Stitch), Jeffersonville, Ind.  
 Bergbom & Roberg (Hand), 218 N Jefferson, Chicago, Ill.  
 Birch Bros., Somerville, Mass.  
 Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.  
 Curtis & Marble Machine Co. (Railway), Worcester, Mass.  
 Davis Sewing Machine Co., Dayton, O.  
 Dinsmore Mfg. Co., Salem, Mass.  
 Domestic Sewing Machine Co., 19 W Jackson blvd, Chicago, Ill.  
 Fales L. F. ("Maniplex" Multiple Needle), Walpole, Mass.  
 Foley-Williams Supply Co., 19 W Jackson blvd, Chicago, Ill.  
 Industrial Mfg. Co., Camden, N. J.  
 King Sewing Machine Co., Buffalo, N. Y.  
 Kruse & Murphy Mfg. Co., 100 E 130th, New York  
 Landis Machine Co., 25th & Mullanphy, St. Louis, Mo.  
 Leyland Thos. & Co. (Whaleback), Readville, Mass.  
 Mason A. G. Mfg. Co. ("Florence" Family), St. Clair & E 79th, Cleveland, O.  
 Merrow Machine Co. ("Merrow" High Speed Trimming & Over Seaming), Hartford, Conn.  
 Metropolitan Sewing Machine Co., Nyack, N. Y.  
 National Automatic Knitter Co., 2725 Mutter, Phila., Pa.  
 National Sewing Machine Co., Belvidere, Ill.  
 New Home Sewing Machine Co., Orange, Mass.  
 Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.  
 Singer Sewing Machine Co., 149 B'way, New York  
 Smith & Egge Mfg. Co. (Automatic Hand), Bridgeport, Conn.  
 Standard Sewing Machine Co. (For Family & Mfg. use), Cleveland, O.  
 Union Lock Stitch Co., E Boston, Mass.  
 White Sewing Machine Co., Cleveland, O.  
 Wilcox & Gibbs Sewing Mach. Co. (Chain Lock & Overlock Stitch), 658 B'way, New York  
 Williams Mfg. Co., Ltd., Plattsburg, N. Y.

### 9057—Sewing Machines (Bag)

Standard Sewing Machine Co., Cleveland, Ohio  
 Union Special Machine Co., 300 W Kinzie, Chicago, Ill.  
 Wilcox & Gibbs Sewing Mach. Co., 658 B'way, New York

### 9058—Sewing Machines (Blind Stitch)

American Blind Stitch Machine Co. ("Dearborn's" Patents), 325 Lafayette, New York

### 9059—Sewing Machines (Boot & Shoe)

Landis Machine Co. ("Fleming" Shoe Soling), 25th & Mullanphy, St. Louis, Mo.  
 Puritan Mfg. Co., 121 Beach, Boston, Mass.  
 Tennis A. H., 47 E 19th, New York  
 Union Special Machine Co., 300 W Kinzie, Chicago, Ill.  
 White Sewing Machine Co., Cleveland, O.

### 9060—Sewing Machines (Broom & Whisk)

Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.  
 Hand Stitch Broom Sewing Machine Co., 424 1st av, Pittsburgh, Pa.  
 Mercantile Warehouse Co. (Steam), 53 Beach, New York  
 Walrath Alphonso Co. ("Lipe-Walrath"), Fort Plain, N. Y.



**9061—Sewing Machines (Button)**

Standard Sewing Machine Co., Cleveland, Ohio  
 Union Button Sewing Co. (For Flat Shank & Covered Buttons), 394 Atlantic av, Boston, Mass.

**Sewing Machines (Button Hole)**

See Buttonhole Machines

**9062—Sewing Machines (Carpet)**

Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.  
 Singer Sewing Machine Co., 149 B'way, New York  
 Taft Machine Co., 229 Globe, Providence, R. I.

**9063—Sewing Machines (Chain Stitch)**

Kruse & Murphy Mfg. Co., 100 E 130th, New York  
 Metropolitan Sewing Machine Co., Nyack, N. Y.  
 Singer Sewing Mach. Co., 149 B'way, New York  
 Smith & Egge Mfg. Co. ("Little Comfort" Hand), Bridgeport, Conn.  
 Standard Sewing Machine Co., Cleveland, O.  
 Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York

**9064—Sewing Machines (Glove)**

Ahlstrom O. J., 711 B'way, New York  
 Curtin Hebert Co. (For Leather, Canvas or Silk Gloves), Gloversville, N. Y.  
 Standard Sewing Machine Co., Cleveland, Ohio  
 White Sewing Machine Co., Cleveland, O.  
 Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York  
 Williams Mfg. Co. Ltd., Plattsburg, N. Y.

**9065—Sewing Machines (Hat)**

Bulasky L., 44 E Houston, New York  
 Durbrow & Hearne Mfg. Co., 12 Wooster, New York  
 Singer Sewing Machine Co., 149 B'way, New York  
 Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York

**9066—Sewing Machines (Leather)**

Landis Machine Co. (Harness, etc), 25th & Mullanphy, St. Louis, Mo.  
 Singer Sewing Machine Co. (For Harness Mfrs., Comage Leather, etc.), 149 B'way, New York  
 Union Lock Stitch Co. (For Harness, etc), E Boston, Mass.

**9067—Sewing Machines (Mattress)**

Union Special Machine Co., 300 W Kinzie, Chicago, Ill.  
 Standard Sewing Machine Co., Cleveland, Ohio

**9068—Sewing Machines (Multiple Needle)**

Fales L. F. ("Maniplex," Heavy Duty Lock Stitch), Walpole, Mass.  
 Standard Sewing Machine Co., Cleveland, Ohio

**9069—Sewing Machines (Over Seaming)**

Spindler E. O. (Imp), 350 B'way, New York  
 Standard Sewing Machine Co., Cleveland, Ohio

**9070—Sewing Machines (Railway)**

Dinsmore Mfg. Co. (Portable Hand Power), Salem, Mass.

**9071—Sewing Machines (Sail-makers')**

Singer Sewing Machine Co., 149 B'way, New York  
 Standard Sewing Machine Co., Cleveland, Ohio

**9072—Sewing Machines (Straw Hat)**

Bulasky L. (Braid), 44 E Houston, New York  
 Wilcox & Gibbs Sewing Machine Co. (Visible & Concealed Stitch), 558 B'way, New York

**9073—Shading Machines (Lithographers' & Photo-Engravers')**

American Shading Mach. Co., 164 Rano, Buffalo, N. Y.

**9074—Shaft Polishing Machines**

Brightman Mfg. Co., Columbus, O.

**9075—Shaft Straightening Machines**

Abramsen Engineering Co., Pittsburgh, Pa.  
 Brightman Mfg. Co., Columbus, O.  
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

**ELMES CHARLES F. ENGINEERING WORKS (Inc.), cor Fulton & Sangamon, Chicago, Ill.**

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Hydraulic Press Mfg. Co., Mt. Gilead, O.  
 Logemann Bros. Co. ("Logemann," Hydraulic Shaft, Pipe & Bar Straightener), 3130 Burleigh, Milwaukee, Wis.  
 Niles-Bement-Pond Co., 111 B'way, New York

Putnam Machine Co., Fitchburg, Mass.  
 Springfield Machine Tool Co., Springfield, Ohio

**WATSON-STILLMAN CO.** (Hydraulic), 38 Church, New York  
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**Shaft Turning Machines**

See Lathes, Shaft Turning

**9076—Shaft & Pole Machinery**

Defiance Machine Works, Defiance, O.

**9077—Shafting Machinery**

Brightman Mfg. Co., Columbus, O.  
 Franklin Machine Co., 189 Charles, Providence, R. I.

**9078—Shaping Machines for Steel Foundries**

Wetherill R. & Co., Chester, Pa.

**9079—Shaping Machines (Metal)**

American Tool Works Co. (Crank), Cincinnati, O.

Barker Wm. & Co. (Crank & Geared), Covington, Ky.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio

Cochrane-Bly Co. (Universal, for Die & Tool Making), Rochester, N. Y.

Davis Machine Tool Co. (Crank), Rochester, N. Y.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Gould & Eberhardt, 111 N J R R av, Newark, N. J.

Hamilton Machine Tool Co. (16, 20 & 24-inch), Hamilton, O.

Hendey Machine Co. ("Hendey," 15, 20 & 24 Friction Drive, 16-20 inch Crank Drive, Belt & Motor Driven), Torrington, Conn.

Juengst Geo. & Sons (Crank), Croton Falls, N. Y.

Kelly R. A. Co. (Crank), Xenia, O.

Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.

Morton Mfg Co. (Draw Cut), Muskegon Heights, Mich.

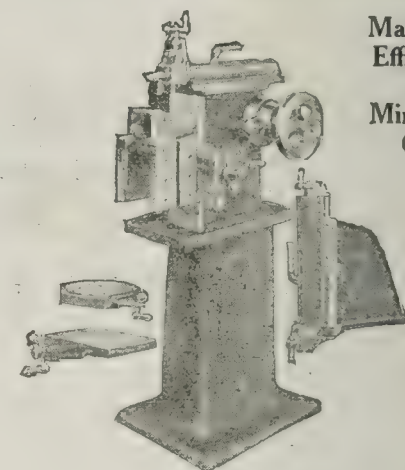
Ohio Machine Tool Co. ("Ohio" Crank Shaper, Single & Back Geared), Kenton, O.

Potter & Johnston Machine Co. (Universal), Pawtucket, R. I.

Pratt & Whitney Co. (Vertical), Hartford, Conn.

Queen City Machine Tool Co. (Back Geared Crank Shaft, etc), 1405 Sycamore, Cincinnati, O.

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Smith & Mills Co. (Crank & Geared), Cincinnati, O.

Springfield Machine Tool Co. (Crank & Geared), Springfield, O.

Steptoe Jno. Shaper Co. (Crank & Geared), Cincinnati, O.

Stockbridge Machine Co. (Two-Piece Crank & Geared Drive), Worcester, Mass.

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See also Wood Carving Machines

Advance Machinery Co., Toledo, O.

American Steam Pump Co., Battle Creek, Mich.

American Woodworking Machinery Co., Rochester, N. Y.

Bentel & Margedant Co., Hamilton, O.

Colladay Joseph O. Co., 626 Race, Philadelphia, Pa.

Cordesman-Rechtin Co., Butler, Cincinnati, O.

Crescent Machine Co., Leetonia, O.

Defiance Machine Works, Defiance, O.

Fay J. A. & Egan Co., Cincinnati, O.

Frank Machinery Co., Buffalo, N. Y.

Hall & Brown Wood Working Machine Co. (Double Spindle, etc), 1913 N B'way, St. Louis, Mo.

Heath W. A. Machine Co., Lestershire, N. Y.

Jenkins Machine Co. (Two Spindle Vertical Ball Bearing Shaper), Sheboygan, Wis.

Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.

Klotz Machine Co., Sandusky, O.

Ober Mfg. Co. (Combined Shaper, Saw & Jointer), Chagrin Falls, O.

Oliver Machinery Co., Grand Rapids, Mich.

Porter C. O. Machinery Co., Grand Rapids, Mich.

Power L. & Co., 20 S 23d, Philadelphia, Pa.

Smith H. B. Machine Co., Smithville, N. J.

Towsley Jno. T. Mfg. Co., Cincinnati, Ohio

Whitney Baxter D. & Son (Double Spindle), Winchenden, Mass.

Wood Turning Machine Co. (Shaping & Turning), Beloit, Wis.

Yates P. B. Machine Co., Beloit, Wis.

**9081—Sharpening Machines (Safety Razor Blade)**

Hill A. E. Mfg. Co., Atlanta, Ga.

Hyfield Mfg. Co. ("Hyfield"), 21 Walker, New York

Odell Mfg. Co. ("Odell"), 343 S Dearborn, Chicago, Ill.

Stag Co., 38 S State, Chicago, Ill.

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Danner Adam Co., Yonkers, N. Y.

Kaetsner & Hecht Co., 500 Throop, Chicago, Ill.



Olsen & Tilgner Mfg. Co. (Automatic & Reversible), 2280 Elston av, Chicago, Ill.  
 Schock Gustav & Son, 514 W 57th, New York

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Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

### 9084—Sheep Shearing Machines

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 Chicago Flexible Shaft Co. ("Stewart" Ball Bearing), 608 N La Salle av, Chicago, Ill.  
 Coates Clipper Mfg. Co. ("Coates" Flexible Shaft), Worcester, Mass.  
 Gillette Clipping Mach. Co., 129 W 31st, New York  
 Goes Oscar & Co. ("Allen" & "Pioneer-American"), 1822 W Lake, Chicago, Ill.

### 9085—Sheet Lead Rolling Machines

Farrel Foundry & Machine Co., Ansonia, Conn.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

### 9086—Sheet Metal Barrel & Drum Machinery

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. *See adv index at end of book*

### 9087—Sheet Metal Forming Machinery

*See also Sheet Metal Workers' Machines & Tools*

Baird Machine Co. ("Automatic"), Bridgeport, Conn.  
 BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Rock River Machine Co., Janesville, Wis.  
 Slaysman & Co., cor Pratt & President, Baltimore, Md.

### 9088—Sheet Metal Lath Machines

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.

### 9089—Sheet Metal Molding Machinery

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### 9090—Sheet Metal Oiling Machines

Excelsior Tool & Mach. Co., 32nd & Ridge, East St. Louis, Ill.

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 Ayars Machine Co., Salem, N. J.  
 Bertsch & Co., Cambridge City, Ind.  
 BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Braun, J. G., 609 S. Paulina, Chicago, Ill.  
 Brown F. S. & G. L. Mach. Co., 26 E. Fort av., Baltimore, Md.  
 Canton Foundry & Machine Co. ("Universal"), Canton, O.  
 Consolidated Press Co., Hastings, Mich.  
 Double Truss Cornice Brake Co., Buffalo, N. Y.  
 Dreis & Krump Mfg. Co., 2911 S Halsted, Chicago, Ill.  
 Excelsior Tool & Mach. Co., 32d & Ridge, East St. Louis, Ill.

Ferracute Mach. Co., Bridgeton, N. J.  
 Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.  
 Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.  
 Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Leffler Chas. & Co., 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*

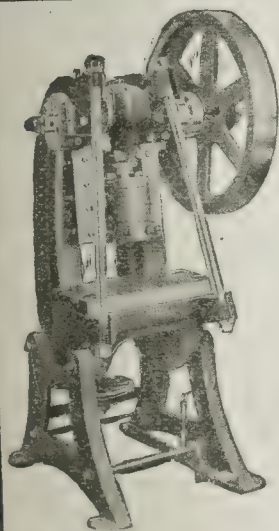
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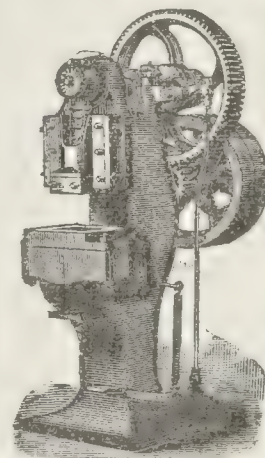
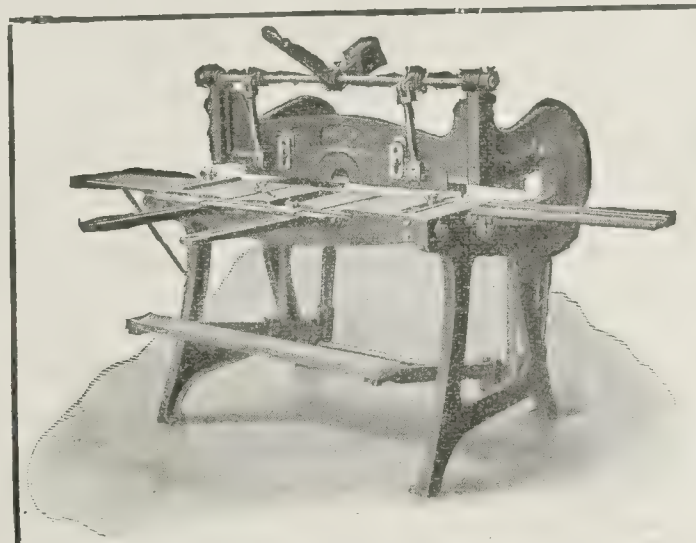
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 Rock River Machine Co. ("Badger"), Janesville, Wis.  
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 Slaysman & Co., cor. Pratt & President, Baltimore, Md.  
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 V. & O. Press Co., Dry Hrbr. rd, Glendale Station, N. Y.  
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 Weiss H. & Co., 20 Cliff, New York  
 Whelan D. J. (Est. of), Troy, N. Y.  
 Wold, Torris & Co., 240 N Ashland, Chicago, Ill.  
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 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.** (Shears & Levelers), East Wilmington, Del.  
*See adv index at end of book*  
**MESTA MACHINE CO.**, Pittsburgh, Pa.  
*See adv index at end of book*  
 National Roll & Foundry Co., Avonmore, Pa.  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 United Enging. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

### Sheet Pile Driving Machines

See Pneumatic Pile Drivers

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 Adams S. & Son, Rome, N. Y.  
 Adams W. T. Machine Co., Corinth, Miss.  
 American Sawmill Machinery Co. ("American" & "Climax"), Hackettstown, N. J.  
 Armstrong Mfg. Co. ("Triumph," "Evarts"), Waterloo, Ia.  
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 Burpee & Letson (Ltd.), Bellingham, Wash.  
 Butterworth & Lowe, Grand Rapids, Mich.  
 Challoner Co., Oshkosh, Wis.  
 Chase Turbine Mfg. Co., Orange, Mass.  
 Curtis & Co. Mfg. Co. ("Dixie"), 1571 Klenlen av, St. Louis, Mo.  
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 Lane Mfg. Co., Montpelier, Vt.  
 Lyon Iron Wks. ("Ireland"), Greene, N. Y.  
 Mallary & Roper Co., Macon, Ga.  
 Murray D. J. Mfg. Co., Wausau, Wis.  
 Perkins & Co. ("Columbia"), Grand Rapids, Mich.  
 Phoenix Mfg. Co., Eau Claire, Wis.  
 Rochester Barrel Mach. Works, Rochester, N. Y.  
 Southern Engine & Boiler Wks., Jackson, Tenn.  
 Street Bros. Machine Works, Chattanooga, Tenn.  
 Sumner Iron Works, Everett, Wash.  
 Trevor Mfg. Co., Lockport, N. Y.  
 Union Iron Works, Bangor, Me.  
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 Woodruff Machinery Mfg. Co., Winder, Ga.

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**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

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Adams Jno. J., Worcester, Mass.  
**Allen Die Block Co.**, Haverhill, Mass.  
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 Booth Bros. Co., Rochester, N. Y.  
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 Buzzell J. G. & Co., 102 High, Boston, Mass.  
**Campbell-Bosworth Machine Co.**, 205 Lincoln, Boston, Mass.  
 Carver Cotton Gin Co., East Bridgewater, Mass.  
**Champion Shoe Machinery Co.** (Wax Thread Sewing or Stitching Machine, etc.), 3727 Forest Park blvd, St. Louis, Mo.  
 Cilley W. W. & Co. (Stitchers), Lyon, Mass.  
 Essex Machine Co., Lynn, Mass.  
 Freeman Louis G. Co., 210 E 9th, Cincinnati, O.  
 Freeman Machine Co., Lawrence, Mass.  
 Hamel Shoe Machinery Co., Lyon, Mass.  
 Progressive Shoe Machinery Co., 3132 Snelling av, Minneapolis, Minn.  
 Seelye Mfg. Co., 118 South, Boston, Mass.  
 Shawmut Machy. Co., 82 Lincoln, Boston, Mass.  
 Specialty Shoe Machinery Co. (For Repair Shops), St. Joseph, Mo.  
 Stewart Bros., Lynn, Mass.  
 Tower Bros., Hudson, Mass.  
 United Shoe Machy. Co., 205 Lincoln, Boston, Mass.  
 Young W. J. Machinery Co., 418 Union, Lynn, Mass.

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Champion Shoe Machinery Co., 3727 Forest Park blvd, St. Louis, Mo.  
 Specialty Shoe Mach'y Co. ("Crowe"), St. Joseph, Mo.  
 United Shoe Machinery Co. ("Pettin-gill"), 205 Lincoln, Boston, Mass.

### 9097-8—Shoe Peg Machinery

Humphrey Machine Co., Keene, N. H.

### 9099—Shoe Repairing Machines

Dunlap Machy. Co. Ltd. ("Bradbury," Imported), 69 Beekman, New York

### 9100—Shoe Seam Rubbing Machines

Shawmut Machy. Co. (Hand), 82 Lincoln, Boston, Mass.

### 9101—Shoe Seaming Machines

Shawmut Mach'y Co. (Hand), 82 Lincoln, Boston, Mass.

### 9102—Shoe Shining Machines (Automatic)

Westmoreland Automatic Machine Co., Irwin, Pa.

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### 9104—Shoe Tip Scouring & Buffing Machines

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 Shawmut Mach'y Co., 82 Lincoln, Boston, Mass.

### 9105—Shoe Treeing Machines

Miller O. A. Treeing Mach. Co., Brockton, Mass.

### 9106—Shoe Vamp Edge Folding Machines

Lufkin John W., & R. H., 38 Chardon, Boston, Mass.

### 9107—Shoe Vamp Marking Machines

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Fanning J. P., 678 Jefferson av, B'klyn, N. Y.

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Defiance Machine Works, Defiance, O.

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**BLISS E. W. CO.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.  
*See adv index at end of book*  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Lake Shore Engine Works ("Halby"), Marquette, Mich.

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See Projectile Machinery

### 9111—Shucking Machines (Buckwheat Hulling)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

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**CROSSLEY MACHINE CO.** (For Wet Clay), State & Chestnut av, Trenton, N. J. *See adv index at end of book*  
 Great Western Mfg. Co. (For Flour Mills), Leavenworth, Kansas  
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 Noye Bros. Co., Buffalo, N. Y.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Sprout Waldron & Co., Muncy, Pa.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*  
 Wolf Co., Chambersburg, Pa.

### 9116—Silver Rolling Machinery

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

### 9117—Sizing Machines

United Engineering & Foundry Co. (For 3/4 to 4-inch Butt Wind Pipe), 307 5th av, Pittsburgh, Pa.

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### 9119—Skelp Charging Machines (Magnetic)

Taylor-Willson Mfg. Co., McKees Rocks, Pa.

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Curtis & Co. Mfg. Co., 1571 Klenlen av, St. Louis, Mo.

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**9123—Slag & Cinder Machines**

Heyl & Patterson (For Blast Furnaces), 51 Water, Pittsburgh, Pa.

**9124—Slate Dressing Machines**

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Ruggles Machine Co. (Dressing & Punching), Poultney, Vt.

**9125—Slate Drilling & Countersinking Machines**

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Ruggles Mach. Co. ("Ruggles"), Poultney, Vt.

**9126—Slate Grooving Machines**

Flory S. Mfg. Co. (Hand Power), Bangor, Pa.

**9127—Slate Machinery**

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Norman Slate Picker Co., Nanticoke, Pa.

**9129—Slaughter House Machinery**

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American By-Product Machinery Co., 90 West, New York  
Brecht Co., 1201 Cass av, St. Louis, Mo.  
Faber F. H. Co., Peoria, Ill.  
Smith Theo. & Sons Co. (Digesters, etc), ft. of Essex, Jersey City, N. J.

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Enterprise Mfg. Co. (of Pa.) ("Enterprise," Rotary), 3d & Dauphin, Phila., Pa.  
Jacobs Bros. Co., 78 Warren, New York  
Streeter N. R. & Co. ("Sterling"), Rochester, N. Y.  
U. S. Slicing Machine Co. (Meat), Laporte, Ind.  
Wolf, Sayer & Heller ("Peerless" Smoked Beef), Fulton & Peoria, Chicago, Ill.

**9132—Slip Joint Machines**

Canton Foundry & Machine Co. ("Universal"), Canton, O.

**9133—Slip Roll Forming Machines**

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.  
See adv index at end of book

**9134—Slitting Machines**

See also Sheet Metal Workers' Machines & Tools

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.

See adv index at end of book

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

HILLES & JONES CO., East Wilmington, Del. See adv index at end of book

Kidder Press Co., Dover, N. H.

Leffler Chas. & Co. (For Can Makers, etc), 59 Clymer, Brooklyn, N. Y.

See adv index at end of book

Mitchell Jno. R. Co. (Gang Slitters), 702 S Washington, Baltimore, Md.

NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y.

See adv index at end of book

Pels Henry & Co. (Imp. Unbreakable Rolled Steel Framed), West & Albany, New York

Slaysman & Co., c Pratt & President, Baltimore, Md.

Standard Machinery Co. (Gang), Providence, R. I.

Toledo Machine & Tool Co. (Gang), Toledo, Ohio

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Wold, Torris & Co. (Automatic Gang, for Sheet Metal, Cardboard, etc), 240 N Ashland, Chicago, Ill.

**9135—Slitting Machines (Gang)**

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

Mitchell John R. Co. (Gang), 702 S Washington, Baltimore, Md.

NIAGARA MACHINE & TOOL WORKS, (For Sheet Metal), Buffalo, N. Y.

See adv index at end of book

Standard Machinery Co., Providence, R. I.

Toledo Machine & Tool Co., Toledo, O.

**Slot Machines**

See Vending Machines

**9136—Slotting Machines**

See also Screw Slotting Machines

Baker Bros., Toledo, O.

Betts Machine Co. (8 to 26-inch Stroke), Maryland av & South, Wilmington, Del.

Bilton Machine Tool Co. (The), ("Standard" Automatic Disc), Bridgeport, Conn.

Clough R. M., Tolland, Conn.

Dill T. C. Machine Co. (Inc.), ("Dill"), Somerset & Mascher, Phila., Pa.

Espen-Lucas Machine Works (Stationary & Portable), 21 Girard av, Phila., Pa.

Garvin Machine Co., 147 Varick, New York

Hartford Machine Screw Co., Hartford, Conn.

Morton Mfg. Co. (Portable), Muskegon Heights, Mich.

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

Niles-Bement-Pond Co. (Crank, Geared & Frame), 111 B'way, New York

Pottstown Machine Co., Pottstown, Pa.

Putnam Machine Co., Fitchburg, Mass.

RHODES MFG. CO. ("Rhodes"), Hartford, Conn. See adv index at end of book

Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

Simmons Machine Co. Inc., 987 B'way, Albany, N. Y. See adv index at end of book

Tindel-Marris Co. (Cold Saw), Eddystone, Pa.

**9137—Slotting Machines (Crank)**

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

**9138—Slotting Machines (Locomotive Frame)**

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Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

**9139—Slotting Machines (Paper, Etc.)**

Knowlton M. D. Co. (Corrugated & Solid Board), 26 Elizabeth, Rochester, N. Y.

**9140—Slotting Machines (Portable)**

Espen-Lucas Machine Works, 21 Girard av, Phila., Pa.

Morton Mfg. Co., Muskegon Heights, Mich.

Newton Machine Tool Works, 23d & Vine, Phila., Pa.

Niles-Bement-Pond Co., 111 B'way, New York

**9141—Smashing Machinery**

Sheridan T. W. & C. B. Co. (Bookbinders), 434 B'way, New York

**9142—Smelting Machinery**

See also Mining Machinery

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book  
Colorado Iron Works Co., Denver, Col.  
Denver Engineering Works Co., Denver, Col.

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Mashek Engineering Co., 90 West, New York

Salt Lake Engng. Works, Salt Lake City, Utah

Traylor Engng. & Mfg. Co., Allentown, Pa.

Western Iron Works (Inc.), Butte, Mont.  
Worthington Pump & Machy. Corp., 115 Broadway, New York

**9143—Smoke Test Machines**

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburgh, Pa.

Bernz Otto ("Always Reliable"), 21 Ashland av, Newark, N. J.

Garrison Brass & Machine Works, 149 W 35th, New York

Gunster Bros. ("Thomson"), Scranton, Pa.

Knapp Mfg. & Supply Co., 241 Water, New York

**Smoked Beef Shaving Machines**

See Slicing Machines, Bread, Meat, etc.

**9144—Smokeless Powder Mixing Machines**

Abbe Engineering Co., 220 B'way, New York See adv index at end of book

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

WERNER & PFLEIDERER CO., Saginaw, Mich. See adv index at end of book

**9145—Smut Cleaning Machines**

Huntley Mfg. Co. ("Monitor" for All Kinds of Grain), Silver Creek, N. Y.

**9146—Snap Fastener Machines**

Baird Machine Co. (Automatic), Bridgeport, Conn.

**9147—Soap Clutching Machinery**

Buckeye Boiler Co., Dayton, O.

**9148—Soapmakers' Machinery**

Blanchard Machine Co., Cambridge, Mass.  
Brown & Patterson, 33 Marcy av, Brooklyn, New York

Dundon's F. P. San Francisco Iron Works, 225 Folsom, San Francisco, Cal.

Dunning W. D., Syracuse, N. Y.

Hersey Mfg. Co., 1st, South Boston, Mass.

Houchin-Aiken Co. (Toilet, Laundry, etc), 113 53d, Brooklyn, N. Y.

Rutschman Oscar F. (Toilet Soap, Chippers, Presses, Plodders Cutters, etc), 1906 E Westmoreland, Phila., Pa.

Sowers Mfg. Co., Buffalo, N. Y.

**9149—Soap Mixing Machines**

Abbe Engng. Co., 220 B'way, New York See adv index at end of book

Dundon's F. P. San Francisco Iron Works, 225 Folsom, San Francisco, Cal.

Dunning W. D., Syracuse, N. Y.

Hersey Mfg. Co., 1st, South Boston, Mass.

Houchin-Aiken Co., 113 53d, Brooklyn, N. Y.

**9150—Soapstone Machinery**

Patch F. R. Mfg. Co., Rutland, Vt.  
Ruggles Machine Co., Poultney, Vt.

**9151—Socket Threading Machines**

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Taylor-Wilson Mfg. Co. (For Pipe & Tube Mills), McKees Rocks, Pa.

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

**9152—Soft Metal Cap & Capsule Machinery**

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book



**9153—Solder Cap Hemming Machines****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***9154—Solder Ribbon Making Machines****Wold, Torris & Co.**, 240 N Ashland, Chicago, Ill.**9155—Soldering Machines****BLISS E. W. CO.** (Tin Cans), 19 Adams, Brooklyn, N. Y.*See adv index at end of book***Brecht Co.** (Vacuum Can, etc.), 1201 Cass av. St. Louis, Mo.**Consolidated Press Co.**, Hastings, Mich.**Fanning J. P.** (Triangular), 678 Jefferson av, Brooklyn, N. Y.**Ferracute Machine Co.**, Bridgeton, N. J.**Hubbard's Norman Sons**, 265 Water, Brooklyn, N. Y.**Lang E. M. Co.**, Portland, Me.**Leffler Chas. & Co.**, 59 Clymer, Brooklyn, N. Y. *See adv index at end of book***Marquette John N. Sons**, 513 S Eden, Baltimore, Md.**Seattle-Astoria Iron Works** (Side Seam, Chain or Spiral), Seattle, Wash.**Slaysman & Co.**, cor Pratt & President, Baltimore, Md.**Stecher Chas. Co.** (For Soldering on the Ends of Large Square Cans, etc.), 1580 Crossing, Chicago, Ill.**9155a—Soldering Machines (Electric)****Detroit Electric Welder Co.**, 255 Lafayette blvd, West Detroit, Mich.**9156—Soldering or Fusing Machines (Ear)****Stecher Chas. Co.** (For Cans, etc.), 1580 Crossing, Chicago, Ill.**9157—Sole Blocking Machines****Quarmby & Hilliker** ("Knox"), Lynn, Mass.**9158—Sole Cutting Machines****Wellman Co.** (For Rubber), Medford, Mass.**9159—Sole Leather Stripping Machines****Quarmby & Hilliker**, Lynn, Mass.**9160—Sounding Machines****Hand Jno. & Sons Co.** ("Sir Wm. Thompsons"), 222 Walnut, Phila., Pa.**9161—Spark Plug Machinery****Paterson Fdry & Mach. Co.**, E. Liverpool, O.**9162—\*Special Machinery****Atlas Engineering Co.**, Amherst, O.*See adv index at end of book***BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***BRADDOCK MANUFACTURING CO.**, Braddock, Pa.**CLYDE IRON WORKS**, Duluth, Minn.*See adv index at end of book***SPECIAL MACHINERY**

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SPECIAL PURPOSES**VILTER MFG. CO.**, 1046 Clinton, Milwaukee, Wis. *See adv index at end of book***Spice Mill Machinery***See Coffee & Spice Mill Machinery***9163—Spike Machinery****Youngstown Foundry & Machine Co.**, (Automatic or Hand Feed for Track Spikes), Youngstown, O.**9164—Spinach Canners' Machinery****Huntley Mfg. Co.**, ("Monitor" Whirlpool Blanchers, Washers & Coolers), Silver Creek, N. Y.**9165—Spindle Carving Machines****Jenkins Machine Co.**, Sheboygan, Wis.**Porter C. O. Machy. Co.**, Grand Rapids, Mich.**Valley City Mach. Works**, Grand Rapids, Mich.**9166—Spindle Drilling Machines****American Watch Tool Co.**, (Bench), Waltham, Mass.**9167—Spiral Oil Grooving Machines****Fischer Machine Co.**, 310 N 11th, Phila., Pa.**Garvin Machine Co.**, 147 Varick, New York**Osgood Isaac**, Amesbury, Mass.**9168—Spiral Twist Moulding Machines****Valley City Mach. Works**, Grand Rapids, Mich.**9169—Spoke Auger Machines****House Cold Tire Setter Co.** ("Ever-Ready" Self-Feeding), 4143 Laclede av, St. Louis, Mo.**9170—Spoke Driving Machines (Automatic)****Defiance Machine Works**, Defiance, O.**9171—Spoke Facing Machines****Defiance Machine Works**, Defiance, O.**Spoke Machinery***See Hub, Spoke & Rim Machinery***9172—Spoke Tenoning Machines****Bentel & Margedant Co.**, Hamilton, O.**Defiance Machine Works**, Defiance, O.**San Francisco Engn. Co.**, 322 6th, San Francisco, Cal.**Silver Mfg. Co.**, ("Dole & Demings"), Salem, O.**9173—Spoke Throating Machines****Defiance Machine Works**, Defiance, O.**9174—Spool Stock Sawing Machinery****Chapman's T. M. Sons Co.**, Old Town, Me.**Ricker T. H. & Sons Co.**, Harrison, Me.

**C**CLASSIFICATIONS which are marked thus (\*) are not Standard Classifications and are only used for those concerns who advertise or pay for Bold Face Listings. Other concerns in similar lines of business will always be found under the Standard Classifications.



**9175—Spool Stranding Machines**

Watson Machine Co., Paterson, N. J.

**9176—Spool Stranding & Armoring Machines**

Watson Machine Co., Paterson, N. J.

**9177—Spool & Bobbin Machinery**Defiance Machine Works, Defiance, O.  
Goodspeed Machine Co., Winchendon, Mass.Kline Lewis T., Alpena, Mich.  
Murkland John W. Co., Barton, Vt.  
Thompson Mfg. Co. (For Roughing & Finishing), Lancaster, N. H.**9178—\*Spoon & Fork Machinery****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***9178a—Spraying Machines***See also Brushes, Pneumatic Spray; also Paint Spraying Machines; also Pumps Spray*

Metals Coating Co. of Am. (Metal, Scoop Process), 100 Summer, Boston, Mass.

**MYERS F. E. & BRO.**, 800 Orange, Ashland, O. *See adv index at end of book***Spraying Machines (Bituminous Materials)***See Road Oilers & Distributors***9179—Spring Bed Machinery**

Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.

Lippert & Rhenstrom, Kenosha, Wis.  
Pine-Ihrig Machine Co., Oshkosh, Wis.  
Wells Frank C. Co., Kenosha, Wis.**9180—Spring Clamping Machines**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9181—Spring Closing Machines**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9182—Spring Coiling Machines****AMERICAN CAN CO.** (Mach'y Dept.), ("Rudolphi & Krummel"), Monroe bldg, Chicago, Ill.*See adv index at end of book*

Baird Machine Co. (Automatic), Bridgeport, Conn.

Coulter &amp; McKenzie Mach. Co., Bridgeport, Conn.

Evans' Jno. Sons (Light &amp; Heavy), 506 N 13th, Philadelphia, Pa.

Garvin Machine Co., 147 Varick, New York

Sleeper &amp; Hartley, Worcester, Mass.

Wells F. L. Co. (Automatic), Kenosha, Wis.

**9183—Spring Cutting & Hook Machines**

Sleeper &amp; Hartley (For Helical Springs), Worcester, Mass.

**9184—Spring Stripping Machines (Hydraulic)**

Ryerson Jos. T. &amp; Son, 2558 W 16th, Chicago, Ill.

**9185—Squeezing Machines (Hand & Power)**

Davenport Machine &amp; Fary Co., Davenport, Ia.

Mumford E. H. Co. (For Foundries), Elizabeth, N. J.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

**9186—Stabbing Machines (Bookbinders')**

Hickok W. O. Mfg. Co., Harrisburg, Pa.

**9187—Stair Routing Machines**

Smith &amp; Phillips Mfg. Co., 412 N Sangamon, Chicago, Ill.

**Stamp Affixing Machines***See Postage Stamp Affixing Machines***9188—\*Stamping Machinery****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**9189—\*Stamping Machines (Adjustable)****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***9190—Staple Machines**

Baird Machine Co. (Automatic), Bridgeport, Conn.

Bates Machine Co., Joliet, Ill.

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

**SHUSTER F. B. CO.** (Shear & Barbed Point, Automatic), Cedar Hills, New Haven, Conn. *See adv index at end of book*

Special Machinery Co. (Special Automatic), Bridgeport, Conn.

Turner, Vaughn &amp; Taylor Co. (Iron Fence Staples), Cuyahoga Falls, Ohio

**9191—Stapling Machines***See also Wire Stapling Machinery*

Acme Staple Co. Ltd. (Paper), Camden, N. J.

Hotchkiss E. H. Co. (Paper), Norwalk, Conn.

Saranac Machine Co., Benton Harbor, Mich.

**9192—Starch Factory Machinery**Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Kaestner &amp; Hecht Co., 500 Throop, Chicago, Ill.

Nordyke &amp; Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Remmers B. &amp; Sons, 1227 Germantown, Philadelphia, Pa.

Simpson-Orville Co., Cincinnati, O.

**9193—Static Electric Machines**

Birtman Electric Co., 1422 Bryan, Chicago, Ill.

Dodd &amp; Struthers, Des Moines, Ia.

King Geo. M. Mfg. Co., Des Moines, Ia.

Knott L. E. Apparatus Co. ("Knotts," Gear Driven), 79 Amherst, Cambridge, Mass.

McElliott D. P., 175 N State, Chicago, Ill.

Moore Bros. Lightning Rod Co., Maryville, Mo.

National-Standard Co., Box 211, Niles, Mich.

Reyburn Hunter &amp; Co., 412 N Sangamon, Chicago, Ill.

Waite &amp; Bartlett Mfg. Co., ("Ranney"), 252 W 29th, New York.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.*See adv index at end of book***9194—Stave Cutting Machines**

Rochester Barrel Mach. Wks, Rochester, N. Y.

Trevor Mfg. Co., Lockport, N. Y.

**9195—Stave Equalizing Machines**

Oram Jno. S. Co., Cleveland, O.

Rochester Barrel Machine Works, Rochester, N. Y.

Trevor Mfg. Co., Lockport, N. Y.

**9196—Stave Jointing Machines**

American Sawmill Machinery Co., Hackettstown, N. J.

Fischer Machine Works (Band Saw), 1845 Carroll av, Chicago, Ill.

Mack &amp; Co. ("D. R. Barton"), Rochester, N. Y.

Oram Jno. S. Co., Cleveland, O.

Rochester Barrel Machine Works ("Widowson," "Greenwood"), Rochester, N. Y.

Strait H. N. Mfg. Co., Kansas City, Kans.

Trevor Mfg. Co., Lockport, N. Y.

Wheland Co., Chattanooga, Tenn.

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Stamm Machine Works, Aurora, Ind.

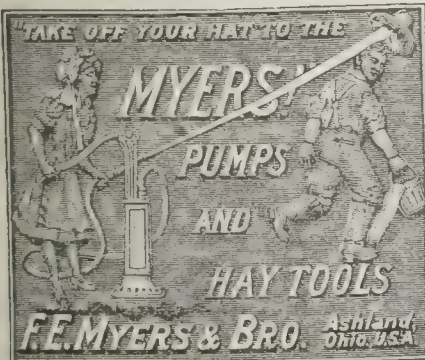
Trevor Mfg. Co., Lockport, N. Y.

**9198—Stave Sawing Machines**

American Sawmill Machinery Co., Hackettstown, N. J.

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Whitney Baxter D. &amp; Son, Winchendon, Mass.

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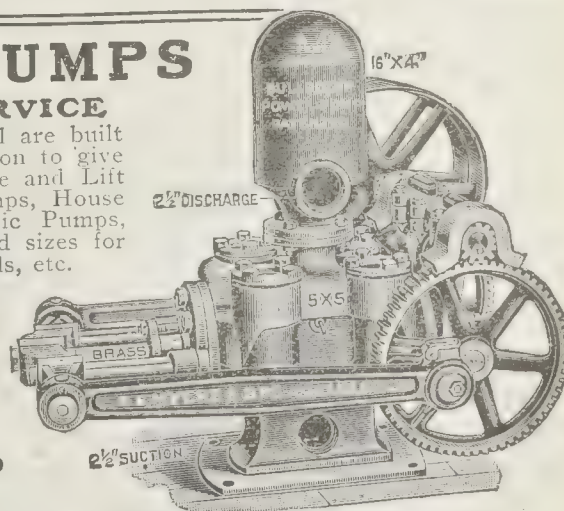
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Foote-Burt Co., ("Reliance"), Cleveland, O.  
Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.  
**LANDIS MACHINE CO.**, Waynesboro, Pa.  
Modern Tool Co., Erie, Pa.

**9200—Staying Machines (Automatic)**

Kingsbury & Davis Machine Co., (Quadruple), Contoocook, N. H.  
National Metal Edge Box Co. (For Setting up Paper Boxes with Metal Stay), 8th & Willow, Phila., Pa.

**9201—Steaming Machines (Clay)**

American Clay Machinery Co., S Walnut, Bucyrus, O.

**9202—Stencil Cutting Machines**

Bradley Stencil Machine Co., 3727 Forest Park blvd., St. Louis, Mo.  
Diagraph Co., 2121 N. 9th, St. Louis, Mo.  
Ideal Stencil Machine Co., Belleville, Ill.  
Matthews James H. & Co., 3942 Forbes, Pittsburgh, Pa.  
New York Stencil Works ("National"), 100 Nassau, New York.

**9203—Stereotype Machinery**

Ostrander-Seymour Co., 7 S Dearborn, Chicago, Ill.  
Wesel F. Mfg. Co., 70 Cranby, Brooklyn, N. Y.

**9204—Sterilizing & Disinfecting Machines (Clothes)**

Hospital Supply Co., 53 5th av., New York  
Troy Laundry Machinery Co., Ltd., 23d & La Salle, Chicago, Ill.

**9205—Stock Sizing Machines**

Grammes L. F. & Sons (For Small Wooden Boxes, etc.), Allentown, Pa.

**9206—Stone Channeling Machines**

Bedford Foundry & Machine Co. (Electric), Bedford, Ind.  
Ingersoll-Rand Co., (Steam or Air, Bar, Track & Undercutting), 11 B'way, New York. *See adv index at end of book*  
New Albany Machine Mfg. Co. ("Wardwell"), New Albany, Ind.  
Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

**9207—Stone Channeling Machines (Steam, Air & Electric-Air)**

**INGERSOLL-RAND CO.**, 11 B'way, New York *See adv index at end of book*

**Stone Crushing Machinery**

*See Crushers, Rock & Ore*

**9208—Stone Cutting Machinery**

Lincoln Iron Works, Rutland, Vt.  
St. Cloud Iron Works Co., St. Cloud, Minn.

**9209—Stone Gadder or Drilling Machines**

**INGERSOLL-RAND CO.**, 11 B'way, New York *See adv index at end of book*

**9210—Stone Gang Sawing Machines**

Anderson Geo. & Co., 420 Ogden, Newark, N. J.  
Bielhen Foundry & Machine Works, St. Joseph, Mo.  
Glover Machine Works (For Marble, etc.), Marietta, Ga.  
Hinds Thomas Co., Malone, N. Y.  
Lincoln Iron Works ("Merriman" Screw Feed, etc.), Rutland, Vt.  
New Albany Machine Mfg. Co., New Albany, Ind.  
Ruggles Machine Co., Poultney, Vt.  
Savage, W. J. Co., (Marble), Knoxville, Tenn.

**9211—Stone Polishing Machinery**

Bielhen Foundry & Machine Works, St. Joseph, Mo.  
Concord Axle Co., ("Jenny Lind"), Penacook, N. H.  
Granite City Iron Works Co. ("Minnesota"), St. Cloud, Minn.  
Harrison Supply Co., 5 Dorchester av., Boston, Mass.  
Hinds, Thos. Co., Malone, N. Y.  
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*  
Lincoln Iron Works, Rutland, Vt.  
Meyers, Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.  
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
Patch, F. R. Mfg. Co., Rutland, Vt.  
Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.  
St. Cloud Iron Works Co., ("Jenny Lind" & Column Polishers), St. Cloud, Minn.  
Savage W. J. Co. (Marble), Knoxville, Tenn.  
Schramm Chris. D. & Son, 308 N 4th, Philadelphia, Pa.  
Smith, Whitcomb & Cook Co., Barre, Vt.

**9212—Stone Sawing Machines**

Anderson Geo. & Co., 420 Ogden, Newark, N. J.  
Bielhen Foundry & Machine Works, St. Joseph, Mo.  
Frenier & Son, Rutland, Vt.  
Hawley E. J. & C. H., Manchester, Vt.  
Hinds Thos. Co., Malone, N. Y.  
Lincoln Iron Works (Also Circular Sawing), Rutland, Vt.  
New Albany Machine Mfg. Co., New Albany, Ind.  
Patch F. R. Mfg. Co., (Also Circular Sawing), Rutland, Vt.  
Ruggles Mach. Co. ("Ruggles"), Poultney, Vt.  
Seward & Co., Bloomington, Ind.  
Trevor Mfg. Co., Lockport, N. Y.  
Walton P. M. 1023 Gtn. av., Phila., Pa.  
Wegner Machine Works, 63 Mills, Long Island City, N. Y.

**9213—Stone Sifting Machines**

Clark & Mills Electric Co., Cambridge, Mass.

**Stone Surfacing Machines**

*See Pneumatic Stone Surfacing Machines*

**9214—Stone Working Machinery**

Anderson Geo. & Co. (Ltd.), 420 Ogden, Newark, N. J.  
Bielhen Foundry & Machine Works, St. Joseph, Mo.  
Birmingham Iron Foundry, Derby, Conn.  
Dallett Thos. H. Co. (Pneumatic), Juniper & Federal, Phila., Pa.  
Farrel Foundry & Machine Co. (Planers), Ansonia, Conn.  
Flory S. Mfg. Co., Bangor, Pa.  
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.  
Glover Machine Works (Gang Saws & Rubbing Beds for Marble), Marietta, Ga.  
Hawley E. J. & C. H., Manchester, Va.  
Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*  
Lincoln Iron Works, Rutland, Vt.  
Meyers Willard F., Machine Co., 614 Hamilton, Astoria, N. Y.  
New Albany Machine Mfg. Co., New Albany, Ind.  
Patch F. R. Mfg. Co., Rutland, Vt.  
Ruggles Machine Co. (For Soft Stone, such as Slate, Soap & Sandstone), Poultney, Vt.  
Savage W. J. Co. (Marble), Knoxville, Tenn.  
St. Cloud Iron Works Co., St. Cloud, Minn.  
Seward & Co., Bloomington, Ind.  
Smith, Whitcomb & Cook Co., Barre, Vt.  
Ty-Sa-Man Machine Co. (Marble), Knoxville, Tenn.  
Wegner Machine Works (Coping & Moulding Machines, etc.), 63 Mills, Long Island City, N. Y.  
Wright M. & Son Co. (Est.), (Buffers, Ironing Wheels, Polishing Machines, etc.), Putnamville, Vt.

**9215—Stove Pipe & Elbow Machines**

Hemp & Co. ("Lightning"), Vandeventer, nr Shaw, St. Louis, Mo.

**Straightening Machines**

*See Index of Contents for Specific Kind Required*

**9216—Straightening Machines for Bars, Squares, Flats, Etc.**

**ABRAMSEN ENGINEERING CO.**, Pittsburgh, Pa.  
**SHUSTER F. B. CO.**, Cedar Hills, New Haven, Conn. *See adv index at end of book*

**9217—Stranding Machines**

New England Machinery Co., New Haven, Conn.  
Torrington Mfg. Co., Torrington, Conn.  
Watson Machine Co., Paterson, N. J.

**9218—Strawboard Lining Machines**

Beloit Iron Works, Beloit, Wis.  
Hobbs Mfg. Co., Worcester, Mass.

**9219—Street Flushing Machines**

Hvass Chas. & Co., 511 E 18th, New York  
Kindling Machine Co. ("Kindling," Sprinkler, Sweep & Flusher Combined), Milwaukee, Wis.  
O'Neill T. L. ("O. I. C.," "Economy"), Marseilles, Ill.  
Sanitary Street Flushing Machine Co., 508 Biddle, St. Louis, Mo.  
Studebaker Corp., South Bend, Ind.  
Tiffin Wagon Co., Tiffin, O.

**9220—Street Railway Sweeping Machines**

*See also Plows, Snow*

Brill J. G. Co., 62d & Woodland av, Phila., Pa.  
Consolidated Car Fender Co. ("Campbell"), Vale, Providence, R. I.  
Good Roads Machinery Co., Fort Wayne, Ind.  
McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.  
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

**9221—Street Sweeping Machines**

Abbott & Downing Co., Concord, N. H.  
Acme Road Machinery Co., Frankfort, N. Y.  
Austin Mfg. Co., 910 S Mich av, Chicago, Ill.  
Baker Mfg. Co. ("20th Century" Pick-Up, Sweeper), 1000 Stanford av, Springfield, Ill.  
Elgin Street Sweeper Co. (Motor), Elgin, Ill.  
Etnyre E. D. & Co., Oregon, Ill.  
Good Roads Machinery Co., Kennett Square, Pa.  
Hvass C. & Co., 509 E 18th, New York  
Studebaker Corp., South Bend, Ind.  
Universal Road Mach'y Co. ("Reliance"), Kingston, N. Y.

**9222—Stretching Machines (Sheet Metal Plate)**

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**9223—Stretching Machines (Skein)**

Knapp Chas. H., Paterson, N. J.

**9224—Striking Machines**

Herschell-Spillman Co. (For Parks & Pleasure Grounds), North Tonawanda, N. Y.

**9225—String Bean Machinery**

Huntley Mfg. Co. ("Monitor," Cutters, etc.), Silver Creek, N. Y.  
Invincible Grain Cleaner Co. (For Cannery), Silver Creek, N. Y.  
Lewis E. J. ("Lewis" Cutting for Cannery), Middleport, N. Y.

**9226—Stucco Applying Machines**

Automatic Stucco Machine Co. ("Swenson"), 51 E 42nd, New York



**9227—Stucco Machinery**

Atlas Engineering Co., Amherst, O.

*See adv index at end of book*  
**BARTLETT C. O. & SNOW CO.**, French st., Cleveland, O.*See adv index at end of book*Butterworth & Lowe, Grand Rapids, Mich.  
Ehram J. B. & Sons Mfg. Co., Enterprise, Kansas

McDonnell Boiler &amp; Iron Works, Des Moines, Ia.

**Sugar Machinery**

Consult Index of Contents for Specific Article Desired

**9228—Sulphite Fibre Machinery**Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
Carthage Machine Co., Carthage, N. Y.**9229—Sulphur Machines**

Hassell Iron Works Co., Colorado Springs, Col.

Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.

**9230—Sulphuric Acid Machinery**

Pratt Engineering &amp; Machine Co. (Complete Plants), Atlanta, Ga.

**9231—Suppository Machines**

Colton Arthur Co. (Cold Compressed), Jefferson &amp; Chene, Detroit, Mich.

Stokes F. J. Machine Co., 17th &amp; Cambria, Phila., Pa.

**9232—Swaging Machines**

Baldwin, Tuthill &amp; Bolton, Grand Rapids, Mich.

**BLISS E. W. CO.** (For Sheet Metal), 19 Adams, Brooklyn, N. Y.*See adv index at end of book*

Etna Machine Co. (Cold), Toledo, O.

**EXCELSIOR NEEDLE CO.** ("The Dayton"), Torrington, Conn.*See adv index at end of book*Langelier Mfg. Co. (Cold Swaging, Hammering, Wire Wheel Spoke Swaging Machines), Arlington, Providence, R. I.  
Standard Machinery Co. (Rotary), Providence, R. I.

Waterbury Farrel Foundry &amp; Machine Co., Waterbury, Conn.

**9233—Swedging Machines**

Canton Foundry &amp; Machine Co. (Power, for Swedging Ends of Conductor Pipe), Canton, O.

**9234—Syrup Filling Machines (Canners')**

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

**9235—Syruping Machines**

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Stickney Henry R., Portland, Me.

**9236—Tablet Counting & Boxing Machines**

Fowler Bottling Machine Co., 124 White, New York

**9237—Tablet Machines**

See also Pill Making Machines

Colton Arthur Co., Jefferson &amp; Chene, Detroit, Mich.

Hess &amp; Barker ("Richard's" Universal Automatic), 236 S 8th, Phila., Pa.

Mulford H. K. Co., 428 S 13th, Phila., Pa.

Stokes F. J. Machine Co. ("Clark" Rotary, etc), 17th &amp; Cambria, Phila., Pa.

**9238—Tabulating Machines**

Powers Accounting Machine Co., 50 Church, New York

Tabulating Machine Co. ("Hollerith"), 50 Broad, New York

**9239—Tack Machinery**

Kimball Bros. &amp; Sprague, Brockton, Mass.

Miller's H. J. Sons, Bridgewater, Mass.

Perkins Henry Co. ("Improved Perkins"), Bridgewater, Mass.

**9240—Tack Pulling Machines**

United Shoe Machinery Co. (For Shoes), 205 Lincoln, Boston, Mass.

**9241—Tag Machinery**

American Mach., Co. ("Denney") Newark, Del.

Swift Geo. W., Jr., Bordenstown, N. J.

**9242—Tag Stringing Machines**

Hobbs Mfg. Co., Worcester, Mass.

**9243—Tailors' Pressing Machines**

Geyer Ed. J. ("Champion"), Rochester, N. Y.

Lufkin Jno. W. &amp; R. H., 38 Chardon, Boston, Mass.

Timmis &amp; Clissold, Bound Brook, N. J.

**9244—Talking Machines**

American Graphophone Co., 233 B'way, New York

American Phonograph Co., Columbus av &amp; 101st, New York

Arion Mfg. Co., Boston, Mass.

Bruckner Franz Mfg. Co., 405 B'way, New York

Carola Co., 118 Noble ct, Cleveland, O.

Columbia Graphophone Co. ("Dictaphone"), 233 B'way, New York

Crescent Talking Machine Co., 89 Chambers, New York

Domestic Talking Machine Co., 33d &amp; Arch, Philadelphia, Pa.

Eagle Talking Machine Co., 200 B'way, New York

Edison Thomas A. ("Edison Phonographs"), Orange, N. J.

Emerson Phonograph Co., 3 W 35th, New York

Flemish Lynn Phonograph Co., 269 37th, Brooklyn, N. Y.

Fraad Talking Machine Co., 224 W 26th, New York

Garford Mfg. Co. ("Vanophone"), Elyria, O.

Klingsor Talking Machine Co., 415 Armour, Chicago, Ill.

Koehler &amp; Hinrichs, St. Paul, Minn.

Lyrphone Co. of Am., 220 5th av, New York

Mandel Mfg. Co., 501 S Laflin, Chicago, Ill.

Melophone Talking Machine Co., 376 Lafayette, New York

Millar R. M. Electrical Works, 9 S Clinton, Chicago, Ill.

Milwaukee Talking Machine Mfg. Co., 413 4th, Milwaukee, Wis.

Multi Phonograph Co., Winonah, Minn.

Novitas Sales Co. ("Novitas"), Waltham, Mass.

Pathe Freres Phone Co., 29 W 38th, New York

Plaza Music Co. (Supertone), 10 W 20th, New York

Sonora Phonograph Corp., 50 B'way, New York

Sterling Phonograph Co., 1777 B'way, New York

Stewart Phonograph Corp. ("Stewart's"), 2843 N Lincoln, Chicago, Ill.

Supertone Talking Machine Co., 18 W 20th, New York

Thomas Mfg. Co., Dayton, O.

Triton Phonograph Co., 195 av A, New York

Universal Talking Machine Mfg. Co., Philadelphia, Pa.

Victor Talking Machine Co., Camden, N. J.

Vita-nola Talking Machine Co., 501 W 35th, Chicago, Ill.

Wonder Talking Machine Co., 119 4th av, New York

Wondertone Phonograph Co. ("Wondertone"), 19 W Jackson blvd, Chicago, Ill.

**9245—Tamale Making Machinery**

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

**9246-7—Tamping & Relining Machines (Converter Bottom)**

Neumeyer &amp; Dimond ("Demag" Imp.), 82 Beaver, New York

**9248—Tannery Machinery**

American Tool &amp; Machine Co. (Belt Knife Splitting Machines), 10 High, Boston, Mass.

Associated Tanners Machinery Co., 424 Essex, Salem, Mass.

Baker G. W. Machine Co., 218 French, Wilmington, Del.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Carley Heater Co., Olean, N. Y.

Dennis John Machine Co., Lowell, Mass.

Grainger &amp; Co., Louisville, Ky.

Hemingway Machine Co., Lynn, Mass.

Hide &amp; Leather Working Machine Co., 859 Grand blvd, Milwaukee, Wis.

Horn Wm. H. &amp; Bro. (Bark Mills, Splitting Machines &amp; Tanners' &amp; Carriers' Tools), 451 N 3d, Phila., Pa.

Hutchinson Leather Machine Co., Winchester, Mass.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

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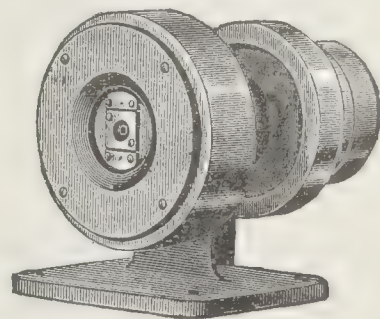
You know that hammering, the oldest metal reduction method, is still the best. In the Dayton Swaging Machine the principle of the hammer is brought to the height of development.

The Dayton kneads and squeezes the metal by subjecting it to 2000 to 6000 blows a minute. It toughens, hardens and solidifies metal. And, unlike heat and abrasive treatments, it never results in any loss.

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 Myrick Machine Co., Olean, N. Y.  
 Ruhe Carleton Co., Olean, N. Y.  
 Shapley & Wells, Binghamton, N. Y.  
 Slocomb F. F. & Co., 14th & Poplar, Wilmington, Del.  
 Smith's Jno. E. Sons Co. (Steam Jacket Kettles, Stuffing Mixers, Rendering Tanks, etc), Buffalo, N. Y.  
 Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.  
 Turner Tanning Machine Co., Peabody, Mass.  
 Whitney Machine Co., Winchester, Mass.  
 Woburn Machine Co., Woburn, Mass.

**9249—Tape Coupler Machines**

Roberts H. L. & Co. (For Books, etc.), 63 Park Row, New York

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 Williams White Co. (For Tapering or Forging Shapes), Moline, Ill.

**9251—Taper Threading Machines**

Acme Machinery Co., Cleveland, O.  
 Landis Machine Co., Waynesboro, Pa.

**9252—Taper Tube Spinning Machines**

Langelier Mfg. Co., Arlington, Providence, R. I.

**9253—Tapping Machines**

See also Nut Tapping Machines; also Tapping Machines for Gas & Water Mains

Allen Machine Co., Cleveland, O.  
 Anderson Die Machine Co. ("Anderson," Vertical-Spindle), Bridgeport, Conn.  
 Baker Bros. (For Pipe Flanges, Fittings, Tees, Crosses, etc.), Toledo, O.  
 Barnes Drill Co., Rockford, Ill.  
 Baush Machine Tool Co., Springfield, Mass.  
 Burke Machine Tool Co., Conneaut, O.  
 Colburn Machine Tool Co., Franklin, Pa.  
 Evans Stamping & Plating Co. ("Tuttle" Vertical), Taunton, Mass.  
 Garvin Machine Co. (Vertical, Horizontal & Automatic, etc.), 147 Varick, New York

**GREENFIELD TAP & DIE CORP'N** ("G. T. D." with Automatic Die Heads for Bolt, Nut & Pipe), Greenfield, Mass. See *adv index at end of book*

Harrington Edwin Son & Co., 17th & Callowhill, Phila., Pa.

Harris H. E. Engineering Co. ("H. S. H."), 1041 Broad, Bridgeport, Conn.

Hartford Machine Screw Co., Hartford, Conn.

Hays Mfg. Co., Erie, Pa.

Hub Machine Welding & Contracting Co. ("Acme," Hand), 22d & Race, Phila., Pa.

Hubbell Harvey, Bridgeport, Conn.

Manville E. J. Machine Co., Waterbury, Conn.

Peter Bros. Mfg. Co., Algonquin, Ill.

Pratt & Whitney Co., Hartford, Conn.

Quint A. D., Hartford, Conn.

Reed-Prentice Co., Worcester, Mass.

Rickert-Shafer Co. (Horizontal & Vertical), Erie, Pa.

St. Louis Machine Tool Co. (For Small Parts), 2607 S. B'way, St. Louis, Mo.

**STARK TOOL CO.** (Small), Waltham, Mass. See *adv index at end of book*

United Engineering & Foundry Co. (For Tube Mills), 307 5th av, Pittsburgh, Pa.

Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

**9254—Tapping Machines (Automatic)**

Elgin Tool Works, Elgin, Ill.

**9255—Tapping Machines (Bench)**

Elgin Tool Works, Elgin, Ill.

Fenn Mfg. Co. ("Fenn"), 385 Broad, Hartford, Conn.

Partridge Edw. O., 2047 Lake, Chicago, Ill.

Rickert-Shafer Co., Erie, Pa.

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

Stewart S. A., Waltham, Mass.

**9256—Tapping Machines (Dry Pipe)**

Hays Mfg. Co., Erie, Pa.

Lennox Machine Co., 2558 W 16th, Chicago, Ill.

Mueller H. Mfg. Co., Decatur, Ill.

**9257—Tapping Machines (Gas & Water Main)**

Hadesty J. M. & Son, Tamaqua, Pa.

Hays Mfg. Co. ("Original-Payne's"), Erie, Pa.

Lennox Machine Co. (For Tapping Water Mains Under Pressure), 2558 W 16th, Chicago, Ill.

Mueller H. Mfg. Co., Decatur, Ill.

Pottstown Machine Co. (Automatic Vertical for Pipe Fittings), Pottstown, Pa.

Saunders D. Sons, Yonkers, N. Y.

Smith A. P. Mfg. Co. ("Smith"), East Orange, N. J.

Walworth Mfg Co, Boston, Mass

**9258—Tapping Machines (Horizontal)**

Pratt & Whitney Co, Hartford, Conn.

Rickert-Shafer Co., Erie, Pa.

Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.

**9259—Tapping Machines (Multiple)**

Williams, White & Co. (For Pipe Fittings), Moline, Ill.

**Tapping Machines (Nut)**

See Nut Tapping Machines

**9260—Tapping Machines (Pipe-Socket)**

Saunders' D. Sons, Yonkers, N. Y.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

**Tapping & Reaming Machines (Pneumatic)**

See Pneumatic Hammers

**9261—Tapping & Reaming Machines (Portable)**

**GEM MFG. CO.** ("Gem," for use with Flexible Shafts), Goebel, nr Fulton, N S, Pittsburgh, Pa.

See *adv index at end of book*

Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.

Stow Mfg. Co., Binghamton, N. Y.

See *adv index at end of book*

**9262—Tapping & Threading Machines**

Jenks H. F. Co. (For Operating Taps & Dies), Pawtucket, R. I.

Rickert-Shafer Co., Erie, Pa.

**9263—Telephone Core Machines**

Watson Machine Co., Paterson, N. J.

**Tenoning Machines**

See Wood Tenoning Machines

**9264—Terra Cotta Machinery**

**ABBE ENGINEERING CO.**, 220 B'way, New York See *adv index at end of book*

American Clay Machinery Co., S Walnut, Bucyrus, O.

**IVENS WM. H. SONS CO.** (Rubbing Beds & Surface Grinders), P. O. Box 647, Trenton, N. J.

**9265—Test Hole Drilling Machines**

Loomis Machine Co. (For Foundations, Test Holes, Blast Holes, etc), Tiffin, O.

**9266—Testing Machines**

Buffalo Scale Co. (Testing up to 5,000 lbs.), 1205 Niagara, Buffalo, N. Y.

Ford Meter Box Co., Wabash, Ind.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

Scientific Materials Co. (Metal Testing Machines), 717 Forbes, Pittsburgh, Pa.

**SHORE INSTRUMENT & MFG. CO. INC.**, (For Testing Strength & Hardness of Materials), 557 W 22d, New York

Smith A. P. Mfg. Co., East Orange, N. J.  
 Star Brass Mfg. Co. ("Star" Dead Weight Gauge), 108 E Dedham, Boston, Mass.  
 Whiting Foundry Equipment Co., Harvey, Ill.

**9267-8—Testing Machines (Anchor)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9269—Testing Machines (Belt)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9270—Testing Machines (Boiler)**

Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

**9271—Testing Machines (Brick)**

American Clay Machinery Co., S Walnut, Bucyrus, O.

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Strait H. N. Mfg. Co., Kansas City, Kansas

**9272—Testing Machines (Can)**

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.

Ayars Machine Co., Salem, N. J.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, See *adv index at end of book*

Lewis E. J., Middleport, N. Y.

McDonald Machine Co. (Automatic), 3207 Shields av, Chicago, Ill.

Slaysman & Co., cor Pratt & President, Baltimore, Md.

Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

Stevenson & Co. ("Mann-Stevenson" Automatic), 607 S Caroline, Baltimore, Md.

Stoll D. H. Co., Buffalo, N. Y.

Wold, Torris & Co. (Automatic), 240 N Ashland, Chicago, Ill.

**9273-4—Testing Machines (Car Wheel)**

**WHITING FOUNDRY EQUIPMENT CO.**, Harvey, Ill. See *adv index at end of book*

**9275—Testing Machines (Cement)**

Abbe Engineering Co., 220 B'way, New York See *adv index at end of book*

Bausch & Lomb Optical Co. (Instruments), Rochester, N. Y.

Clark & Mills Electric Co. (Also for Testing Stone & Road Materials), Cambridge, Mass.

Elmer & Amend, 205 3d av, New York

Fairbanks Co., 416 Broome, New York

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

International Instrument Co. (Also for Testing Stone & Road Materials), Cambridge, Mass.

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

**9276—Testing Machines (Chain)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

**9277-8—Testing Machines (Concrete)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9279—Testing Machines (Fruit Can)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. See *adv index at end of book*

**9279a—Testing Machines (Glass)**

Shore Instrument & Mfg. Co. Inc., 557 W 22d, New York



**9280—Testing Machines (Hardness)**

Olsen Tinius Testing Machine Co. (Lever, Hydraulic & Bench), 500 N 12th, Phila., Pa.  
 Pittsburgh Instrument & Machine Co. ("Brinnell"), 236 3d av, Pittsburgh, Pa.  
**SHORE INSTRUMENT & MFG. CO. INC.**, 557 W 22d, New York

**9281—Testing Machines (Hosiery Fabric)**

Perkins B. F. & Son, Holyoke, Mass.

**9282—Testing Machines (Hydraulic)**

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 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

**9283—Testing Machines (Leather)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9283a—\*Testing Machines (Metal)**

**SHORE INSTRUMENT & MFG. CO. INC.**, 557 W 22d, New York

**9284—Testing Machines (Oil)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

**9285—Testing Machines (Paper)**

See also Testers, Paper  
 Ashcroft Mfg. Co., 119 W 40th, New York  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9286—Testing Machines (Pipe)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.  
 Taylor-Wilson Mfg. Co. (Hydraulic), McKees Rocks, Pa.  
 United Engineering & Foundry Co. (For 2 to 12-inch Pipe), 307 5th av, Pittsburgh, Pa.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
**WATSON-STILLMAN CO.**, 38 Church, New York See adv index at end of book

**9287—Testing Machines (Power)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9288—Testing Machines (Rubber)**

Hartford Special Machinery Co. (Dynamometers), Hartford, Conn.  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Pusey & Jones Co. ("Plastometer"), ft Poplar, Wilmington, Del.  
 Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.  
 Shore Instrument & Mfg. Co. Inc., 557 W 22d, New York

**9289—Testing Machines (Sink & Float)**

Penna. Crusher Co. ("Delamater"), Stephen Girard bldg, Phila., Pa.

**9290—Testing Machines (Spring)**

Evans' J. Sons, 506 N 13th, Phila., Pa.  
 Johnston Wm. T. Co. (Vehicle), 3rd & Vine, Cincinnati, O.  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Ryerson Jos. T. & Son (Hydraulic), 2558 W 16th, Chicago, Ill.  
 Townsend Foundry & Machine Shop Co., B'way & Rensselaer, Albany, N. Y.  
 See adv index at end of book

**9291—Testing Machines (Steel)**

Bidle W. S. Co., 1411 E 45th, Cleveland, O.  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**9292—Testing Machines (Stone)**

Clark & Mills Electric Co., Cambridge, Mass.  
 International Instrument Co., Cambridge, Mass.  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
**SHORE INSTRUMENT & MFG. CO. INC.**, 557 W 22d, New York

**Testing Machines (Textile)**

See Testing Machines, Cloth; also Testing Machines, Yarn

**9293—Testing Machine (Traction)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.

**9294—Testing Machines (Water Meter)**

Mueller H. Mfg. Co., Decatur, Ill.  
 Smith A. P. Mfg. Co. ("Wood"), E. Orange, N. J.

**9295—Testing Machines (Wire)**

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

**Textile Machinery**

See Specific Article Wanted

**9296—Thermometer Dividing Machines**

Burr Co., Champaign, Ill.

**9297—Thread Rolling Machines**

Acme Machinery Co. (Rotary), Cleveland, O.  
 Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.  
**BLISS E. W. CO.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.  
 See adv index at end of book  
 Manville E. J. Mach. Co., Waterbury, Conn.  
 Nilson A. H. Machine Co. (Reciprocating), Bridgeport, Conn.  
 Triumph Electric Co. (Reciprocating), Oakley, Cincinnati, O.  
 See adv index at end of book  
 Waterbury Farrel Foundry & Machine Co. (Reciprocating), Waterbury, Conn.

**9298—Threading Machines (Bicycle Spoke)**

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Manville E. J. Machine Co., Waterbury, Conn.

**9299—Threading Machines (Sheet Metal)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. See adv index at end of book

**9300—Threshing Machinery**

See Threshers

**9301—Thumbhole Cutting Machines**

Chase Turbine Mfg. Co. ("Chase's" Automatic), Orange, Mass.  
 Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

**Ticket Cancelling Machines**

See Cancelling Machines

**9302—Tie Dowelling Machines**

Greenlee Bros. & Co., Rockford, Ill.

**9303—Tiering Machines (Portable)**

Brown Portable Conveying Machinery Co. (Inclined & Vertical for Bags, Boxes, etc.), 10 S La Salle, Chicago, Ill.  
 Economy Engineering Co., 415 S Washenaw av, Chicago, Ill.  
 Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa.  
 See adv index at end of book  
 Minnich Machine Works, Landisville, Pa.  
 N. Y. Revolving Portable Elevator Co., 346 Garfield av, Jersey City, N. J.

**9304—Tile Making Machines**

See also Drain Tile Machinery

Automatic Tile Machine Co., Cincinnati, O.  
**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.  
 See adv index at end of book  
 Hetherington & Berner (Encaustic Ceramic), Indianapolis, Ind.  
 Hill Jas. B. (Traction), Deshler, O.  
 Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.  
 Patterson Fdry & Mach. Co., E. Liverpool, O.  
 Trenton Machine Specialty Co., Trenton, N. J.

**9305—Tile Sizing Machines**

Automatic Tile Machine Co., Cincinnati, O.  
 Lincoln Iron Works, Rutland, Vt.

**Timber Dressing Machines**

See Wood Surfacing Machines

**9306—Timber Framing Machines**

Denver Engineering Works Co. (Single End), Denver, Col.  
 Engelbach Mach. Mfg. Co., Leadville, Col.

**9307—Timber Gaining Machines**

Bentel & Margedant Co., Hamilton, O.  
 Fay, J. A. & Egan Co., Cincinnati, O.

**9308—Timber Preserving Machinery**

**ALLIS-CHALMERS MFG CO.**, Milwaukee, Wis. See adv index at end of book

**Timber Sizing Machines**

See Planing & Matching Machines

**9309—Tin Can Machinery**

See Can Makers' Machinery; also Sheet Metal Workers' Machines & Tools

**9310—Tin Foil Machinery**

Birmingham Iron Foundry, Derby, Conn.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**9311—Tin Mounting Machines**

Grammes L. F. & Sons, Allentown, Pa.  
 U. S. Finishing & Mfg. Co., 216 N Clinton, Chicago, Ill.

**9312—Tin Plate Lacquering & Varnishing Machines**

Ohl Geo. A. & Co. (For Coating Tin, Iron, Metal, Cardboard, etc.), 159 Oraton, Newark, N. J.

**9313—Tin Plate Mill Machinery**

See also Rolling Mill Machinery, Etc.  
 American Sheet & Tin Plate Co., Canton, O.  
 Anderson Foundry & Machine Works, (Pickling & Tinning Machines, Branners, Dusters, etc.), Anderson, Ind.  
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
 Fawcus Machine Co., 1st Nat. Bk. bldg, Pittsburgh, Pa.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Hyde Park Fdry. & Mach. Co., Hyde Park, Pa.

# Tin Mill Equipment

Sheet and Tin Plate Mills, Shears, Rope Drives, Pickling Machines, Etc.

(Write for Bulletin M)

**MESTA MACHINE COMPANY**  
**PITTSBURGH, PA., U. S. A.**



National Roll & Foundry Co., Avonmore, Pa.  
 Newbold R. S. & Son Co., Norristown, Pa.  
 Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Swindell Wm. C. & Bro., Jenkins Arcade bldg, Pittsburgh, Pa.  
 United Engineering & Fdry. Co., 307 5th av, Pittsburgh, Pa.  
 Wheeling Mold & Fdry. Co., Wheeling, W. Va.

**9314—Tinnern's Grooving Machines**  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 Peck, Stow & Wilcox Co., Southington, Conn.

**9315—Tinnern's Tools & Machinery**  
*See Sheet Metal Workers' Machines & Tools*

**9316—\*Tinware Making Machinery (Pierced & Seamless)**  
 BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**9317—Tipping Machines (Corset & Shoe Lace)**

Luther C. A. & Co. ("Dawson"), Pawtucket, R. I.

**9318—Tire Applying Machines**  
 Lourie Mfg. Co. (Presses), Springfield, Ill.  
 Nelson & Le Moon, 849 N Kedzie av, Chicago, Ill.  
 Ross Mach. Mfg. Co. ("Linn"), Jamestown, N. Y.

**9319—Tire Bolting Machines**  
 Bentel & Margedant Co. (& Bolt Clipping), Hamilton, O.  
 National Steam Pump Co. ("Reynolds"), Upper Sandusky, O.

**9320—Tire Rolling Machines**  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Neumeyer & Dimond ("Demag." Imp), 82 Beaver, New York  
 Williams, White & Co., Moline, Ill.

**Tire Setting Machines**  
*See Setters, Tire*

**9321—Tire Trueing Machines**  
 Bentel & Margedant Co., Hamilton, O.

**9322—Tire Welding Machines**  
 Kane & Rosch, Syracuse, N. Y.  
 Long & Allstatter Co., Hamilton, O.  
 Williams, White & Co., Moline, Ill.

**9323—Tissue Paper Machines**  
 Beloit Iron Works ("Yankee" Cylinder), Beloit, Wis.

**9324—Tobacco Box (Tin) Machinery**  
 BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**9325—Tobacco Cleaning & Separating Machines**  
 Cardwell Mach. Co. (Stem), 1900 E Cary, Richmond, Va.

**9326—Tobacco Cutting Machines**  
*See also Cutters, Tobacco*  
 Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Adt Jno. B. Co., 340 N Holliday, Baltimore, Md.  
 Buckeye Iron & Brass Works ("Pease"), Dayton, O.  
 Cardwell Machine Co. (Power), 1900 E Cary, Richmond, Va.  
 Comas Machine Co., Salem, Va.  
 Himoff Machine Co., 50 Church, New York  
 Ludington Cigarette Mach. Co., Waterbury, Conn.

**9327—Tobacco Farming Machinery**  
 Belcher & Taylor Agricultural Tool Co. (Ridgers), Chicopee Falls, Mass.  
 Nagley Mfg. Co. (Spears), Lyons, N. Y.

**9328—Tobacco Granulating Machines**  
 Adt Jno. B. Co., 340 N Holliday, Baltimore, Md.  
 Comas Machine Co., Salem, Va.

**9329—Tobacco Hoeing Machines**  
 Allen S. L. & Co., Denckla bldg, Phila., Pa.  
 Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Madison Plow Co., Madison, Wis.

**9330—Tobacco Hogshead Machines**  
 Gilmour Hogshead Mach. Co., Owensboro, Ky.

**9331—Tobacco Knife Grinding Machines**  
 Cardwell Machine Co., 1900 E Cary, Richmond, Va.  
 Diamond Machine Co. ("Diamond"), Providence, R. I.  
 Superior Corundum Wheel Co., Waltham, Mass.

**9332—Tobacco Machinery**  
 Abbe Engineering Co. (Pulverizers), 220 B'way, New York  
*See adv index at end of book*  
 Adt Jno. B. Co. (Granulators, Separators, Cutters, Dryers, Coolers, Stem Rollers & Packers), 340 N Holliday, Baltimore, Md.

American Machine & Foundry Co. (Packing & Weighing, Scrap Packer & Weigher, Plug Wrapping & Banding), 520 2d av, Brooklyn, N. Y.  
 Appomattox Iron Works & Supply Co., Petersburg, Va.

Automatic Packing & Labeling Co., 5520 2d av, Brooklyn, N. Y.  
 Cardwell Machine Co. (Granulators, Pickers, Dryers, Cutters, Shapes or Moulds & Casing Machines), 1900 E Cary, Richmond, Va.

Grote F. Mfg. Co. (Hydraulic) & Electric Presses), Evansville, Ind.  
 International Cigar Machinery Co., 5520 2d av, Brooklyn, N. Y.  
 Ludington Cigarette Mach. Co., Waterbury, Conn.

McGowan Jno. H. Co., 52 Central av, Cincinnati, O.  
 Miller, DuBrul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.  
 Phila. Textile Machinery Co. ("Proctor" Automatic Dryers, Coolers, Orders & Softeners, etc), Tabor, Phila., Pa.  
 Ripley Foundry & Machine Co. ("Parker," Portable Presses, Steamers, Stationary, etc), Ripley, O.  
 Standard Tobacco Stemmer Co., 5520 2d av, Brooklyn, N. Y.  
 Titus E. E., Petersburg, Va.  
 Westbrook Elevator Co., Danville, Va.

**9333—Tobacco Scrap Cutting Machines**

Miller, DuBrul & Peters Mfg. Co. ("DuBrul," "Picadura"), 507 E Pearl, Cincinnati, O.

**9334—Tobacco Stem Flattening Machines**

Comas Machine Co., Salem, Va.  
 Himoff Machine Co., 50 Church, New York

**9335—Tobacco Stemming Machines**  
 American Machine & Foundry Co. ("Standard"), 520 2d av, Brooklyn, N. Y.

**When writing to firms listed in this book please, mention HENDRICKS' COMMERCIAL REGISTER**

**9335a—Tobacco Wringing Machines**

American Wringer Co., 99 Chambers, New York

**9336—Toilet Paper Machines**  
 Dietz Machine Works (Slitting, Perforating & Rewinding), 126 Fountain, Phila., Pa.  
 Grissinger Machine Works, 904 Quarry, Phila., Pa.  
 Kidder Press Co. (Slitting, Perforating & Rewinding), Dover, N. H.

**9337—Toilet Pin Machinery**  
 Baird Machine Co. (Automatic), Bridgeport, Conn.

**9338—Toilet Soap Machinery**  
 Rutchman Oscar F., 1906 E Westmoreland, Phila., Pa.  
 Weller H. P. Supply Co., Erie, Pa.

**Tomato Can Filling Machines**  
*See Can Filling Machines*

**9339—\*Tomato Cannern's Machinery**  
 JEFFREY MFG. CO., 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
 LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

**9340—Tomato Crushing, Pulping & Finishing Machines**  
 U. S. Bottlers' Machinery Co., 1033 W Lake, Chicago, Ill.

**9341—Tomato Transplanting Machines**  
 Sprague Canning Machinery Co., 222 N Wabash av, Chicago, Ill.

**9342—\*Tooth Paste Machinery**  
 WERNER & PFLEIDERER CO., Saginaw, Mich. *See adv index at end of book*

**9343—Tow Mill Machinery**  
 New Winona Mfg. Co. ("Diamond"), Winona, Minn.

**9344—Trace Trimming Machines**  
 Campbell-Bosworth Machine Co. ("Boston" Automatic), 205 Lincoln, Boston, Mass.

**9345—Trade Marking Machinery**  
 Parks & Woolson Machine Co. (Cloth), Springfield, Vt.

**9346—Transfer Issuing Machines**  
 Automatic Appliance Co., 172 Columbus av, Boston, Mass.  
 Ohmer Fare Register Co., Dayton, O.

**9347—Trench Machines**  
*See Sewer & Trench Excavating Machines*

**9348—Trunk Machinery**  
 Defiance Machine Works (Slat Planers, etc.), Defiance, O.  
 Titus E. E., Petersburg, Va.

**9349—Trunk Slat Staining & Varnishing Machines**  
 Ohl Geo. A. & Co., 157 Oraton, Newark, N. J.

**9350—Tub & Pail Machinery**  
 BLISS E. W. CO. (Sheet Metal), 19 Adams, Brooklyn, N. Y.  
*See adv index at end of book*  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Gerlach Peter Co. (Wood also for Churn, Ice Cream Freezer, Fish Kit, etc), 1712 Winter, Cleveland, O.  
 Goodspeed Machine Co., Winchendon, Mass.



**9351-2—Tubbing Machines**

Grammes L. F. & Sons, Allentown, Pa.  
Smith Richardson Co., (Or Polishing Tank), Attleboro, Mass.

**Tube Cutting Machines**

See Cutters Flue; also Pneumatic Flue Cutters

**9353—Tube Filling Machines**

Ross Chas. & Son Co. (For Paste, Oil & Cosmetics), 148 Classon av, Brooklyn, N. Y.

**9354—Tube Machinery (Soft Metal)**

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

**Tube Mill Machinery**

See Pipe & Tube Mill Machinery

**9355—Tube Grinding & Polishing Machines**

Blevney Jno. C. ("Blevney"), 209 Parkhurst, Newark, N. J.

**9356—Tube Reducing Machines**

Standard Machinery Co., Providence, R. I.

**9357—Tube Rolling & Cutting Machines (Paper)**

Chicago Paper Tube & Can Co. ("Williams"), 168 N May, Chicago, Ill.  
Knowlton M. D. Co. (Also Cardboard), 26 Elizabeth, Rochester, N. Y.

**9358—Tube Tapering Machines**

EXCELSIOR NEEDLE CO. ("Dayton"), Torrington, Conn.  
See adv index at end of book

**9359—Tufting Machines**

Backstay Machine & Leather Co., Union City, Ind.  
Buser-Posen Tufting Mach. Co., Chilli-cothe, O.  
Tufting Machine Supply Co., Detroit, Mich.

**9360—Tumbler Grinding Machines**

Sigwaart & Rolston, 341 2d av, Pittsburgh, Pa.

**9361—Tungsten Lamp Wire Machinery**

Langelier Mfg. Co., Arlington, Providence, R. I.

**9362-3—Turpentine Machinery**

Payne & Joubert Mach. & Foundry Co., Howard & Euphrosine, New Orleans, La.

**Twine Making Machinery**

See Cordage Machinery

**9364—Type Casting Machines**

Thompson Type Machine, 233 W Erie, Chicago, Ill.  
Universal Type Making Machine Co. ("Nuernberger-Rettig," Automatic), 343 S Dearborn, Chicago, Ill.

**9365—Type Setting & Type Distributing Machines**

Brown R. H. & Co., New Haven, Conn.  
Lanston Monotype Machine Co. (Typesetting), 24th & Locust, Phila., Pa.  
Linograph Co. (Type Setting), Davenport, Ia.  
Mergenthaler Linotype Co., 154 Nassau, New York

**9365a—\*Unwrapping Machines (Tire)**

THROPP'S JNO. E. SONS CO. (Power Operated for Unwrapping Tread Tires), ft of Lewis, Trenton, N. J.  
See adv index at end of book

**9366-7—Upsetting & Forging Machines**

See also Upsetters, Tire

Acme Machinery Co., Cleveland, O.  
Ajax Mfg. Co. (Axle), Cleveland, O.  
Bethlehem Steel Co. (Steam Hydraulic), South Bethlehem, Pa.  
National Machinery Co., Tiffin, O.  
Niles-Bement-Pond Co., 111 B'way, New York  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Williams, White & Co. ("Moline"), Moline, Ill.

**9368—Valve Inserting Machines**

Smith A. P. Mfg. Co. ("Sherred-French"), East Orange, N. J.

**9369—Valve Re-seating Machines**

Leavitt Mach. Co. ("Dexter"), Orange, Mass.  
Long Adam A. ("Sterling"), Rochester, N. Y.  
Skinner M. B. & Co. ("Skinner"), 562 W Washington, Chicago, Ill.

**9370—Valve Seat-Milling Machines**

Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.

**9371—Valve Seat Planing Machines**

Niles-Bement-Pond Co., 111 B'way, New York  
Stow Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.

**9372—Valve Tapping, Reaming & Seating Machines**

Pottstown Machine Co. (Automatic), Pottstown, Pa.

**9373—Valve Wheel Machinery**

Bradley H. C. (For Wood Wheels), Bridgeport, Conn.

**Vanning Machines**

See Vanners, Frue

**9374—Variety Moulding Machines**

American Woodworking Machy. Co., Rochester, N. Y.  
Bentel & Margedant Co., Hamilton, O.  
Carey W. W. Co., Lowell, Mass.  
Prybil P. Machine Co., 520 W 41st, New York  
Yates P. B. Machine Co., Beloit, Wis.

**9375—Variety Sawing Machines**

American Woodworking Mach. Co., Rochester, N. Y.  
Bentel & Margedant Co., Hamilton, O.  
Cordesman-Rechtin Co., Butler, Cincinnati, O.  
Hall & Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.  
Root B. M. Co., York, Pa.  
Yates P. B. Machine Co., Beloit, Wis.

**9376—Variety Wood Turning Machines**

See Also Lathes, Variety Turning  
American Woodworking Mach. Co., Rochester, N. Y.  
Mattison C. Machine Works ("Universal"), Beloit, Wis.  
Wood Turning Machine Co. (Turning & Shaping), Beloit, Wis.  
Yates P. B. Machine Co., Beloit, Wis.

**9377—\*Varnish Can Machinery**

BLISS, E. W. CO., 19 Adams, Brooklyn, N. Y. See adv index at end of book

**9378—Varnish Makers' Machinery**

Kent Machine Works, 39 Gold, Brooklyn, N. Y.

**9379—Varnishing Machines**

Chambers Bros. Co., 52d bel. Lancaster av. Philadelphia, Pa.  
Westcott-Jewell Co., Seneca Falls, N. Y.

**9381—Vegetable Cutting Machines**

Smith's Jno. E. Sons Co., Buffalo, N. Y.

**9382—Vending Machines**

Advance Machine Co., 4645 Ravenswood av, Chicago, Ill.  
Automatic Machine & Tool Co., 210 N Ann, Chicago, Ill.  
Automatic Target Machine Co. (Rifle & Pistol), 203 Fulton, New York  
Autosales Gum & Chocolate Co., 96 Spring, New York  
Becker P. A. Co. (Collar Button), 132 Cumberlan, Brooklyn, N. Y.  
Caille Bros. Co. (Coin Operating), Detroit, Mich.  
Centadrink Filters Co., 1440 B'way, New York  
Coleman Hardware Co. (Peanut, Match, etc), 122 S Michigan av, Chicago, Ill.  
Cuppies Samuel, Woodenware Co. (Pencils, Gum, Matches, etc.), 7th & Spruce, St. Louis, Mo.  
Griswold Mfg. Co. (Nut, Match, Gum, etc.), Rock Island, Ill.  
Hence J. W. Foundry Co. (Ball Gum, Breath Perfume, etc), Westerville, O.  
Hilo Gum Co., 1516 W Vanburen, Chicago, Ill.  
Ideal Mfg. Co. (Postage Stamps), Anderson, Ill.  
Joy Chas. H., 407 Aberdeen, Chicago, Ill.  
Lorentzen, H. K. (Any Coin, Any Article, Models & Experimental Work), 60 Grand, New York  
Midland Supply Co. ("Duplex" Postage Stamp), Davenport, Iowa  
Mills Novelty Co. (Candy, Cigar, Cigarette, Gum, Peanut, Package, etc, Coin Operating), 221 S Green, Chicago, Ill.  
National Photograph Machine Co. (Photograph), 85 Beaver, New York  
Puritan Machine Co. (Ltd.), Lafayette & 10th, Detroit, Mich.  
Rotary File & Machine Co., 200 Diamond, B'klyn, N. Y.  
Ryede Specialty Works (Gum, Chocolate), Rochester, N. Y.  
Star Gum Co., 6320 Harvard av, Chicago, Ill.  
Stocker Mfg. Co., Detroit, Mich.  
True Blue Gum Co. (Gum), Lansing, Mich.  
Waddell Co., Greenfield, O.  
Watling Mfg. Co. (Coin Operating), 1029 W Adams, Chicago, Ill.

**9383—Veneer Cutting Machines**

Bentel & Margedant Co. (Rip & Cross Cut Saws), Hamilton, O.  
Capital Machine Co., Indianapolis, Ind.  
Coe Mfg. Co. (Rotary, Slicing & Sawing), Painesville, O.  
Hubbard's Norman Sons ("Rochow"), 265 Water, Brooklyn, N. Y.  
Merritt Mfg. Co. (Rotary Veneer Lathe & Automatic Veneer Clipper), Lockport, N. Y.  
St. Joseph Iron Works (Lathes), St. Joseph, Mich.  
Titus Elmer E., Petersburg, Va.  
Trevor Mfg. Co. (For Crate Slates, etc), Lockport, N. Y.

**9384—Veneer Drying Machines**

Duplex Moulding Sander Co. ("Duplex"), Hornell, N. Y.  
Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.  
Merritt Mfg. Co. ("Merit-Gale"), Lockport, N. Y.

**9385—Vermicelli Machinery**

See also Macaroni Machy.  
City Machine Co., Cleveland, O.

**9386—Vinegar Machinery**

Beman Automatic Oil Can Co. (Self Measuring Cabinet), Meadville, Pa.  
Hydraulic Press Mfg. Co., Mt. Gilead, Ohio  
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

**9386a—\*Viscose Machinery**

WERNER & PFLEIDERER CO., Saginaw, Mich. See adv index at end of book



**9387—Voting Machines**

Automatic Registering Machine Corp., Jamestown, N. Y.  
 Kansas Voting Machine Co., Topeka, Kans.  
 Universal Indicator Co., Majestic bldg., Milwaukee, Wis.

**Wagon Builders' Machinery**

See Carriage Builders' Machinery

**9388—Wall Paper Machinery**

Marresford Wm. F. (For Wall Paper Sample Books), 56 Pearl, Brooklyn, N. Y.  
 Waldron Jno. Co., New Brunswick, N. J.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9389—Wall Paper Numbering & Lettering Machines**

Allen A. & Co., 2001 Carpenter, Phila., Pa.

**9390—Wall Paper Pasting, Trimming & Matching Machinery**

Baird Machine Co. (Also Stains, Splits Border in Narrow Pieces), Bridgeport, Conn.

**9391—Washer Cutting Machines**

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
 National Machinery Co., Tiffin, O.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Southwark Foundry & Machine Co., Philadelphia, Pa.

**Washing Machines**

See Washing Machines in the Letter W

**9392—Washing Machines (Laundry)**

Adams Laundry Machinery Co. (Mill), Troy, N. Y.  
 American Laundry Machinery Co. (Cylindrical), 1800 N Spaulding av, Chicago, Ill.  
 Empire Laundry Machinery Co. (Cylindrical), 352 Western av, Boston, Mass.  
 Poland Laundry Machinery Co. (Cylindrical), 47 Kemble, Boston, Mass.

**9393—Washing Machines (Vegetable & Fruit)**

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

**9394—Waste Product Machinery for Packing Houses**

Joslin, Schmidt Co. (Glue Works, Soap Factories, etc), 3223 Spring Grove av, Cincinnati, O.

**9395—Waste Washing Machines**

American Tool & Machine Co. (For Cotton or Woolen, Wiping or Packing Waste, etc), 10 High, Boston, Mass.

**9396—Watch Case Machinery**

Cavagnaro Jno. J., Harrison, N. J.

**Watchmakers' Machinery**

See Clock & Watchmakers' Machinery

**9397—Wax Caking Machines**

Moore Samuel L. & Sons, Elizabeth, N. J.

**9398—Weighing Machines (Automatic)**

Automatic Weighing Machine Co., 138 Commerce, Newark, N. J.  
 Bond Scale Co., Los Angeles, Cal.  
 Edtbauer E. ("Duplex" for Groceries, etc), 817 Washington blvd, Chicago, Ill.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Merrick Scale Mfg. Co., Passaic, N. J.  
 Pneumatic Scale Corp. (Ltd.), Norfolk Downs, Mass.  
 Richardson Scale Co. (Self-Indicating & Totalling), Passaic, N. J.  
**SCHAFFER ENGINEERING & EQUIPMENT CO.** (Poidometer), Tiffin, O.  
*See adv index at end of book*  
 Streeter-Amet Weighing & Recording Co., 4101 Ravenswood av, Chicago, Ill.  
 Unit Weighing & Packing System, Scott & McHenry, Baltimore, Md.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9399-400—Weighing, Packing & Bagging Machines (Automatic)**

Automatic Machine & Tool Co., 210 N Ann, Chicago, Ill.  
 Automatic Weighing Machine Co. (Weighing & Packing), 138 Commerce, Newark, N. J.  
 Case J. I. Threshing Machine Co. (Grain Baggers) Racine, Wis.

## PATENTS

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**Munn & Co., 699 Woolworth Bldg., N. Y.**

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**Welding Machines (Autogenous)**

See Welding & Cutting Apparatus Oxy-acetylene

**9401—Welding Machines (Electric)**

Burke Electric Co. ("Arc"), Erie, Pa.  
 C. & C. Electric & Mfg. Co., Garwood, N. J.  
 Detroit Electric Welder Co. ("Vollans"), 255 Lafayette blvd, W, Detroit, Mich.  
 Electric Ry. Improvement Co., Cleveland, O.

**GEUDER, PAESCHKE & FREY CO.**

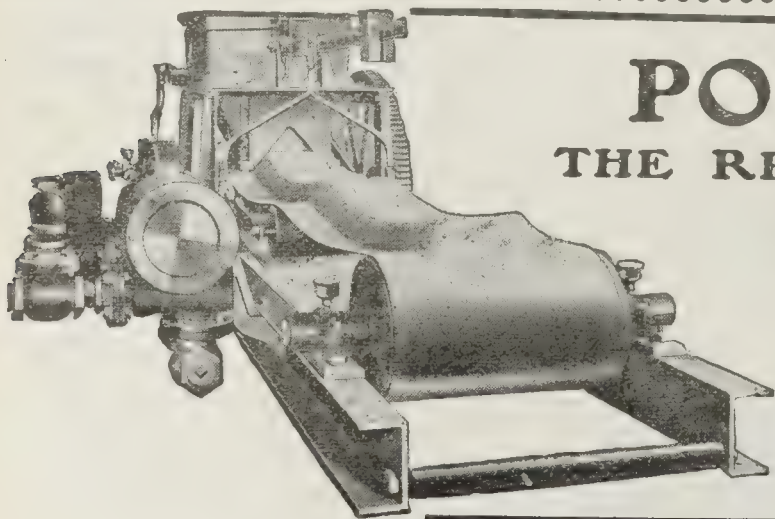
("Cream City," Butt, Spot & Seam), Milwaukee, Wis.  
*See adv index at end of book*  
 Lincoln Electric Co. (Arc), Cleveland, O.  
 National Electric Welder Co., Warren, O.  
 Siemund Wenzel Electric Welding Co., 30 Church, New York  
 Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.  
 Thompson Spot Welder Co., Cincinnati, O.  
 Universal Elec. Welding Co., 30 E 42nd, New York

**WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.**

*See adv index at end of book*  
 Winfield Elec. Welding Mach. Co., Warren, Ohio

**9402—Well Drilling Machinery**

Alamo Iron Works, San Antonio, Tex.  
 American Well Works, Aurora, Ill.  
*See adv index at end of book*  
 American Well & Prospecting Co., Corsicana, Tex.  
 Armstrong Mfg. Co. ("Armstrong," for Oil, Gas, Water Wells, Prospecting & Blast Hole Drilling), Waterloo, Ia.  
 Atlas Supply Co., Muskogee, Okla.  
 Bovalrd & Seyfang Mfg. Co., Bradford, Pa.  
 Dempster Mill Mfg. Co., Beatrice, Neb.  
 Everhard Co., Massillon, O.  
 Ferguson Mfg. Co. (Oil, Gas & Water), Waterloo, Ia.  
 Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.  
 Grimes G. W. Co. (Oil Well), Bluffton, Ind.  
 Hardy Mach. Co. (Oil & Gas), N Baltimore, O.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.  
 Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*  
**KEYSTONE DRILLER CO.** ("Keystone"), Beaver Falls, Pa.  
 La Crosse Well Drill Works, La Crosse, Wis.  
 Landerson-Cyclone Drill Co., Orrville, O.  
 Leidecker Tool Co., Marietta, O.  
 Lisle Mfg. Co., Clarinda, Ia.  
 Loomis Machine Co. ("Clipper"), Tiffin, O.  
 Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.  
 Milton S. G. & Son ("Milton" for Pulling Rods or Tubing from Wells & Replacing Same Ready for Pumping), Franklin, Pa.  
 National Supply Co., Toledo, O.  
**NATIONAL TUBE CO.** (Artesian & Tubular), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Oil Well Supply Co. (Oil Well, etc), 215 Water, Pittsburgh, Pa.  
 Pech Gus Foundry & Mfg. Co., Le Mars, Ia.  
 Red Cross Mfg. Co., Bluffton, Ind.  
 Rockford Iron Works, Rockford, Ill.  
 St. Louis Well Machine & Tool Co., St. Louis, Mo.  
 San Antonio Machine & Supply Co. ("West Texas"), San Antonio, Tex.  
 Sparta Iron Works Co., Sparta, Wis.  
 Star Drilling Machine Co. (Portable), Akron, O.  
 Titusville Iron Co., Titusville, Pa.



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Union Tool Co., ("Ideal" for Oil, Gas & Artesian Wells), Los Angeles, Cal.  
United Iron Works Co., Springfield, Mo.  
Williams Bros., Ithaca, N. Y.

### 9403—Wet Machines (Paper Mill)

Bagley & Swell Co., Watertown, N. Y.  
Beloit Iron Works, Beloit, Wis.  
Carthage Machine Co., Carthage, N. Y.  
Clark H. C. & Son Machine Co., Lee, Mass.  
Dilts Machine Works, (Inc.) Fulton, N. Y.  
Emerson Mfg. Co. (Also Pulp Mill), Lawrence, Mass.  
Friction Pulley & Machine Works, Hudson Falls, N. Y.  
Holyoke Machine Co., Holyoke, Mass.  
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.  
Sandy Hill Iron & Brass Works (Pulp Mill), Hudson Falls, N. Y.  
Shevlin Geo. F. Mfg. Co., Saratoga Springs, N. Y.  
Smith & Winchester Mfg. Co., So. Windham, Conn.

### 9403a—Wheat Scouring & Polishing Machines

Howes S. Co., Silver Creek, N. Y.  
Huntley Mfg. Co., ("Monitor"), Silver Creek, N. Y.  
Invincible Grain Cleaner Co., Silver Creek, N. Y.

### 9404—Wheat Washing & Stone Separating Machinery

Wolf Co., Chambersburg, Pa.

### 9405—Wheel Boxing Machines

Defiance Machine Works, Defiance, O.

### 9406—Wheel Facing Machines

Bentel & Margedant Co., Hamilton, O.

### 9407—Wheel Machinery

Bentel & Margedant Co. (Automobile, etc), Hamilton, O.  
Defiance Machine Works, Defiance, O.  
Empire Mach. Works, Mt. Morris, N. Y.  
Fay J. A. & Eagan Co., Cincinnati, O.

### 9408—Wheel Polishing Machines

Bentel & Margedant Co., Hamilton, O.

### 9409-10—Wheel Tenoning Machines

Bentel & Margedant Co., Hamilton, O.

### 9411—Whisk Broom Machinery

See also Broom Machinery  
Cassard Hamilton, Holliday & Pleasant, Baltimore, Md.

### 9412—White Lead Machinery

Campbell Peter F., 51 Laurel, Phila., Pa.  
Cresson-Morris Co., Allegheny & 18th, Philadelphia, Pa.  
Kaestner & Hecht Co., 500 Throop, Chicago, Ill.  
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
Ross Chas. & Son Co., 148 Classon av., Brooklyn, N. Y.  
Werner & Pfeiderer Co., Saginaw, Mich.  
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### Whitewash Spraying Machines

See Paint & Whitewash Spraying Machines

### 9413—Whiting Works Machinery

Campbell P. F., 51 Laurel, Phila., Pa.

### 9414—Winding Machinery (For Hydraulic Dredges)

Norbom Engng. Co., Denckla bldg, Phila., Pa.

### 9415—Window Frame Machinery

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.  
Schaefer Mfg. Co. (Portable), Berlin, Wis.  
Smith & Phillips Mfg. Co., 412 N Sangamon, Chicago, Ill.

### 9416—Window Pocket Cutting Machines

Smith & Phillips Mfg. Co., 412 N Sangamon, Chicago, Ill.

### 9417—Window Shade Machinery

Swift Geo. W., Jr., Bordentown, N. J.

### 9418—Wine Making Machinery

Emeny G. J. Co. (Cider Mill), Fulton, N. Y.  
Hydraulic Press Mfg. Co., Mount Gilead, O.  
Klotz Machine Co., Sandusky, O.  
Krogh Mfg. Co., 147 Beale, San Francisco, Cal.

### 9419—Wire Barbing Machines

Bates Machine Co., Joliet, Ill.

### 9420—Wire Barrel Hoop Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

### 9421—Wire Cloth Measuring Machines

Schrivver O. P. & Co. ("I. X. L."), Cincinnati, O.

### 9422—Wire Cloth Weaving Machines

Crompton & Knowles Loom Works, Worcester, Mass.

### Wire Covering Machinery

See Wire & Cable Covering Machinery

### 9423—Wire Crating Machines

Gilmour Hogshead Mach. Co., Owensboro, Ky.

### 9424—Wire Crimping Machines

Automatic Machine Co., Bridgeport, Conn.  
Cady Mach. Co. (Automatic), Cleveland, O.  
Manville E. J. Machine Co., Waterbury, Conn.  
Smurr & Kamen Machine Co. (Crimping, Cutting & Counting Combined), 313 N Whipple, Chicago, Ill.  
Wells Frank L. Co., Kenosha, Wis.

### 9425-6—Wire Drawing Machinery

Bates Machine Co., Joliet, Ill.  
Humphrey & Sons ("Humphrey," Wire Drawing Benches, etc), Joliet, Ill.  
McWilliams Thos. (Draw Benches), 237 Eddy, Providence, R. I.  
Mackenzie's Duncan Sons Co. (Draw Benches), Trenton, N. J.  
Morgan Construction Co., Worcester, Mass.  
New England Machinery Co., New Haven, Conn.  
Richard Mfg. Co., Bloomsburg, Pa.  
Standard Machinery Co., Providence, R. I.  
Torrington Mfg. Co., Torrington, Conn.  
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.  
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

### Wire Fence Machinery

See Woven Wire Fence Machines

### 9427—Wire Forming Machinery

Atlas Machine Co., Waterbury, Conn.  
Automatic Machine Co., Bridgeport, Conn.  
Baird Machine Co. ("Automatic"), Bridgeport, Conn.  
BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Cady Machine Co. (Automatic), Cleveland, O.  
Coulter & McKenzie Machine Co., Bridgeport, Conn.  
Manville E. J. Machine Co., Waterbury, Conn.  
Nilson A. H. Machine Co. (Automatic & Four Slide), Bridgeport, Conn.  
Smurr & Kamen Machine Co., 313 N Whipple, Chicago, Ill.  
Special Machinery Co., Bridgeport, Conn.  
Standard Machinery Co., Providence, R. I.

### 9428—Wire Galvanizing Machinery

Bates Machine Co., Joliet, Ill.  
Morgan Construction Co., Worcester, Mass.  
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

### 9429—Wire Handle Machines

AMERICAN CAN CO. (Machinery Dept.), ("Rudolph & Krummer" Automatic), Monroe bldg, Chicago, Ill.  
*See adv index at end of book*  
Stecher Chas. Co., 1580 Crossing, Chicago, Ill.

### Wire Insulating Machinery

See Wire & Cable Covering Machinery

### 9430—Wire Machinery

Aetna Fdry. & Mach. Co. (Wire Mill), Warren, O.  
AMERICAN CAN CO. (Mach'y Dept.), Monroe bldg, Chicago, Ill.  
*See adv index at end of book*  
Bates Machine Co., Joliet, Ill.  
Franklin Mfg. Co. (Automatic Straightener & Cutter), New Haven, Conn.  
Humphrey & Sons (Wire Mills), Joliet, Ill.  
Kilby Mfg. Co., Cleveland, O.  
Mackenzie's Duncan Sons Co. (Draw Benches & Annealers), Trenton, N. J.  
Manville E. J. Machine Co., Waterbury, Conn.  
Morgan Construction Co., Worcester, Mass.  
New England Machinery Co. (Planetary & Closing), New Haven, Conn.  
Richard Mfg. Co., Bloomsburg, Pa.  
SHUSTER F. B. CO. (Wire Straightening & Cutting), Cedar Hills, New Haven, Conn. *See adv index at end of book*  
Turner, Vaughn & Taylor Co. (Wire Mill), Cuyahoga Falls, O.  
Watson Machine Co., Paterson, N. J.

### 9431—Wire Mattress Machinery

See also Woven Wire Mattress Machinery  
Cavagnaro John J., Harrison, N. J.  
Houchin-Aiken Co., 113 53d, B'klyn, N. Y.  
Ivens Wm. H. Sons Co., P. O. Box 647, Trenton, N. J.  
Lippert & Rhenstrom, Kenosha, Wis.  
Wells Frank L. Co., Kenosha, Wis.

### 9432—Wire Measuring Machines

Anderson Homer, Peekskill, N. Y.  
Minneapolis Electric & Construction Co., Wire Reel & Measure, 112 S 7th, Minneapolis, Minn.  
Moore S. L. & Sons, Elizabeth, N. J.  
New England Butt Co., 304 Pearl, Providence, R. I.  
Textile Machine Works, Reading, Pa.  
Waldman, John J., 136 Liberty, New York  
Watson Machine Co., Paterson, N. J.

### 9433—Wire Nail Barbing Machines

Miller's H. J. Sons ("Improved Perkins"), Bridgewater, Mass.  
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

### 9434—Wire Nail Cleaning Machines

Spicer Mfg. Co., New Philadelphia, O.

### Wire Nail Machinery

See Nail Mill Machinery

### 9435—Wire Pointing Machinery

See also Swaging Machines

Baird Machine Co. (Automatic), Bridgeport, Conn.  
Bates Machine Co., Joliet, Ill.  
EXCELSIOR NEEDLE CO. ("Dayton"), Torrington, Conn.  
*See adv index at end of book*  
Langelier Mfg. Co., Arlington, Providence, R. I.  
Manville E. J. Machine Co., Waterbury, Conn.  
Morgan Construction Co., Worcester, Mass.  
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

### 9436—Wire Rivet Machines

Cook Asa S. Co., Hartford, Conn.  
Manville E. J. Machine Co., Waterbury, Conn.  
Perkins Henry Co., Bridgewater, Mass.



**9437—Wire Rope Making Machinery**  
New England Butt Co., 304 Pearl, Providence, R. I.

**9438—Wire Spoke Heading & Bending Machines**

Waterbury Farrei Foundry & Machine Co., Waterbury, Conn.

**9439—Wire Spooling Machines**

Cady Machine Co., Cleveland, O.  
Koegel Chas. & Sons, Holyoke, Mass.  
New England Machinery Co., New Haven, Conn.

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Watson Machine Co., Paterson, N. J.

Wright Wire Co., Worcester, Mass.

*See adv index at end of book*

**9440—Wire Spring Coiling Machines**

*See also Spring Coiling Machines*

Baird Machine Co. (Automatic), Bridgeport, Conn.

Garvin Machine Co., 147 Varick, New York

Manville E. J. Machine Co., Waterbury, Conn.

**9441—Wire Spring Machinery**

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

Sleeper & Hartley (Automatic), Worcester, Mass.

**9442—Wire Stapling Machinery**

Allen A. & Co. ("Lightning," "Hercules," for Book Binders), 200 Carpenter, Phila., Pa.

Morrison J. L. Co. (Bookbinders'), Niagara Falls, N. Y.

St. Joseph Iron Works (For Baskets, Packages, etc.), St. Joseph, Mich.

Saranac Machine Co. ("Advance" for Baskets, Boxes, Fruit Package, Butter Dish, etc.), Benton Harbor, Mich.

**9443—Wire Stitching Machines**

BECK CHAS. CO., 607 Chestnut, Phila., Pa.  
*See adv index at end of book*

Boston Wire Stitcher Co., East Greenwich, R. I.

Brown R. H. & Co., New Haven, Conn.

Central Machine Co., Niagara Falls, N. Y.

Dietz Machine Works (Toilet & Towel Tube), 126 Fontain, Philadelphia, Pa.

Gitzendanner-Muller Co. ("National"), 15 Vandewater, New York

Latham Machinery Co. ("Monitor"), 1153 Fulton, Chicago, Ill.

Morrison J. L. Co. ("Perfection"), Niagara Falls, N. Y.

N. J. Wire Stitching Mach. Co., Camden, N. J.

Rosback F. P. Co. ("Progress"), Benton Harbor, Mich.

Saranac Machine Co. ("Advance" for Books & Pamphlets), Benton Harbor, Mich.

Sheridan T. W. & C. B. Co., 434 Broadway, New York.

**9444—\*Wire Straightening Machines (Roll & Rotary)**

SHUSTER F. B. CO., Cedar Hills, New Haven, Conn. *See adv index at end of book*

**9445—Wire Straightening & Cutting Machines**

AMERICAN CAN CO. (Machinery Dept.), Monroe bldg, Chicago, Ill.

*See adv index at end of book*

Baird Machine Co. (Automatic), Bridgeport, Conn.

Chandler & Farquhar Co., ("Federal" Straightening), 36 Federal, Boston, Mass.

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.

Franklin Mfg. Co. ("Cracker Jack"), New Haven, Conn.

Lewes Machine Co. ("Gregg" Automatic Core Wire), 830 Long av, Cleveland, O.

Manville E. J. Machine Co., Waterbury, Conn.

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

SHUSTER F. B. CO. (Automatic), Cedar Hills, New Haven, Conn.

*See adv index at end of book*

Wells Frank L. Co., Kenosha, Wis.

Worthington Pump & Machinery Corp., 115 B'way, New York

**9446—Wire Straightening & Forming Machines**

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Nilson A. H. Machine Co. (Automatic), Bridgeport, Conn.

**9447—Wire Stranding Machines**

New England Butt Co., 304 Pearl, Providence, R. I.

New England Machinery Co. ("Larmuth," High Speed), New Haven, Conn.

Textile Machine Works, Reading, Pa.

Watson Machine Co., Paterson, N. J.

**9448—Wire Twisting Machines**

Bates Machine Co., Joliet, Ill.

New England Machinery Co., New Haven, Conn.

Watson Machine Co., Paterson, N. J.

**9449—Wire Weaving Machinery**

*See Wire Cloth Weaving Machines*

Crompton & Knowles Loom Works, Worcester, Mass.

**9449a—Wire Wheel Machines**

Langelier Mfg. Co., Arlington, Providence, R. I.

**9450—Wire Winding Machinery**

American Insulating Machinery Co., Huntingdon & Fairhill, Phila., Pa.

Koegel Chas. & Sons, Holyoke, Mass.

Morgan Construction Co., Worcester, Mass.

New England Butt Co., 304 Pearl, Providence, R. I.

New England Machinery Co., New Haven, Conn.

**9451—Wire & Cable Covering Machinery**

American Insulating Machinery Co., Huntingdon & Fairhill, Philadelphia, Pa.

Brooks Chas. J., New Haven, Conn.

Clark Edred W., Hartford, Conn.

Moore S. L. & Sons, Elizabeth, N. J.

New England Butt Co., 304 Pearl, Providence, R. I.

New England Machinery Co., New Haven, Conn.

Rhode Island Braiding Mach. Co., 222 Aborn, Providence, R. I.

Royle John & Sons (Electric Wire Insulating), Paterson, N. J.

Textile Machine Works, Reading, Pa.

Tunelius Machine Co., 411 S Clinton, Chicago, Ill.

Watson Machine Co., Paterson, N. J.

**9452—Wire & Cable Polishing Machines**

New England Butt Co., 304 Pearl, Providence, R. I.

Watson Machine Co., Paterson, N. J.

**Wood Band Sawing Machines**

*See Band Sawing Machines for Wood*

**9453—Wood Barking Machines**

Appleton Machine Co., Appleton, Wis.

Green Bay Barker Co., Green Bay, Wis.

Holyoke Machine Co., Holyoke, Mass.

Kline Lewis T., Alpena, Mich.

Manitowoc Engineering Works (Rotary), Manitowoc, Wis.

Portland Co., Portland, Me.

Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

Scott Olin (Est. of), Bennington, Vt.

Shevlin Geo. F. Mfg. Co. ("C. Bache-Wlig" Barking Drum), Saratoga Springs, N. Y.

Trevor Mfg. Co., Lockport, N. Y.

Valley Iron Works Co., Appleton, Wis.

Waterville Iron Works, Waterville, Me.

**9454—Wood Bending Machines**

American Woodworking Machine Co., Rochester, N. Y.

Bancroft & Barnard, Gardner, Mass.

Defiance Machine Works, Defiance, O.

Fay J. A. & Egan Co., Cincinnati, O.

Smith H. B. Machine Co., Smithville, N. J.

Superior Iron Works Co., Superior, Wis.

**9455—Wood Boring Machines**

*See also Pneumatic Wood Boring Machines*

Ajax Mfg. Co., 848 Jackson, N S, Pittsburgh, Pa.

American Woodworking Machinery Co., Rochester, N. Y.

Andrew M. L. & Co. (Multiple Spindles), Cincinnati, O.

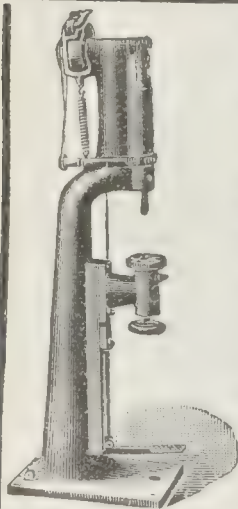
Bentel & Margendant Co., Hamilton, O.

Carey W. W. Co., Lowell, Mass.

Cordesman-Rechtin Co., Butler, Cincinnati, Ohio

Crescent Machine Co., Leetonia, O.

Defiance Machine Works, Defiance, O.



# THE F. B. SHUSTER CO.

FORMERLY JOHN ADT & SON  
Established 1866

Cedar Hills, New Haven, Conn.

Builders of Automatic WIRE Straighteners and Cutters and Automatic STRIP METAL Straighteners and Cutters for taking the material FROM THE COIL, straightening and cutting to accurate lengths. Straighteners and Cutters for hot rolled stocks, squares, hexagons, etc.

Elastic Rotary Blow Riveting Machines

Foot Presses

Cotter Pin Machines

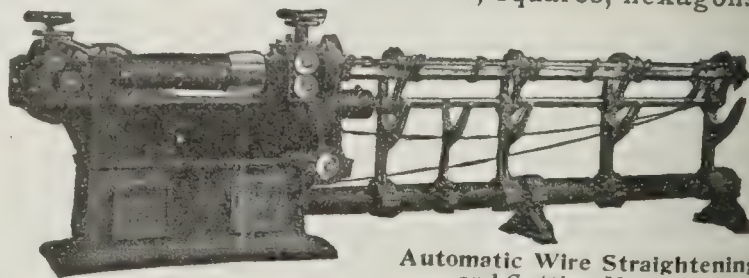
Staple Machines

Butt Milling Machines Sprue Cutters

Buckle Tongue Machines

Helix Coiling Machines

Butt Drilling Machines



Automatic Wire Straightening and Cutting Machine



Eagle Square Mfg. Co. (Carpenters' Hand), S Shaftsbury, Vt.  
 Falls Machine Co., Sheboygan Falls, Wis.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Fischer Machine Works (Multiple Adjustable), 1845 Carroll av, Chicago, Ill.  
 Frank Machinery Co., Buffalo, N. Y.  
 Greenlee Bros. & Co., (Multiple Spindle) Rockford, Ill.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Hayes E. B. Machine Co., Oshkosh, Wis.  
 Heath W. A. Machine Co., Lestershire, N. Y.  
 Holmes E. & B. Machinery Co., Buffalo, N. Y.  
 Jenkins Machine Co. (Upright Iron Post, also Multiple Spindle), Sheboygan, Wis.  
 Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.  
 Kidder R. E. Co., Worcester, Mass.  
 Nash J. M. ("Universal" Power Feed Multiple Spindle), 842 30th, Milwaukee, Wis.  
 National Woodworking Machine Co., Dover, N. H.  
 Ober Mfg. Co. (Combined Boring & Chucking), Chagrin Falls, O.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Pringle & Brodie (Multiple Spindle, Vertical & Horizontal), 514 S Canal, Chicago, Ill.  
 Root B. M. Co. ("Root"), York, Pa.  
 Sidney Tool Co., Sidney, O.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Superior Iron Works Co., Superior, Wis.  
 Valley City Machine Works (Double Spindle, Radial & Vertical), Grand Rapids, Mich.  
 Wheland Co., Chattanooga, Tenn.

#### 9456—Wood Boring Machines (Hand Power)

Ajax Mfg. Co. ("Ajax," "Phillips," Self Withdrawing), 848 Jackson, Pittsburgh, Pa.

#### 9457—Wood Boring Machines (Multiple)

Andrew M. L. & Co., Cincinnati, O.  
 Bentel & Margedant Co., Hamilton, O.  
 Defiance Machine Works, Defiance, O.  
 Fischer Machine Works (Adjustable), 1845 Carroll av, Chicago, Ill.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Root B. M. Co. ("Root"), York, Pa.

#### 9458—Wood Carving Machines

American Woodworking Mach'y Co., Rochester, N. Y.  
 Curtis Mach. Corp. ("Lochman," "Moore"), Jamestown, N. Y.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Porter C. O. Machy. Co., Grand Rapids, Mich.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Valley City Machine Works ("Flying Dutchman," "Invincible," "Peerless," "Challenge," Carving Lathes), Grand Rapids, Mich.

#### Wood Chipping Machines

See Pulp Wood Chipping Machines

#### 9459—Wood Chucking Machines

Jenkins Machine Co. (Double), Sheboygan, Wis.

#### 9460—Wood Clipping Machines

Wetherill Robt. & Co., Chester, Pa.

#### 9461—Wood Cutting-Off Machines

Adams W. T. Machine Co., Corinth, Miss.  
**ALLIS-CHALMERS MFG. CO.** (Steam Feed Cutting-Off Saws), Milwaukee, Wis. See adv index at end of book  
 American Saw Mill Machinery Co., Hackensettown, N. J.  
 American Woodworking Mach'y Co., Rochester, N. Y.  
 Barnes W. F. & John Co. (Foot & Power), Rockford, Ill.  
 Beach Mfg. Co., Montrose, Pa.

Bentel & Margedant Co., Hamilton, O.  
 Carey W. W. Co., Lowell, Mass.  
 Cordesman-Rechtin Co., Butler, Cincinnati, O.  
 Defiance Machine Works, Defiance, O.  
 Dodds Alexander Co., Grand Rapids, Mich.

Farquahar A. B. Co. (Ltd.), York, Pa.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Fischer Machine Works (Double & Automatic Self-Feed Cut-Off Saws), 1845 Carroll av, Chicago, Ill.  
 Frank Machinery Co., Buffalo, N. Y.  
 Garland M. Co. (Combined with Conveyors), Bay City, Mich.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hall & Brown Woodworking Machine Co. (Carriage Cut-Off Sawing Machines), 1913 N B'way, St. Louis, Mo.  
 Hayes E. B. Machine Co., Oshkosh, Wis.  
 Holmes E. & B. Machy. Co., Buffalo, N. Y.  
 Jenkins Machine Co. (Oil Driven Automatic High Speed Cut off Saw), Sheboygan, Wis.  
 Kline Lewis T., Alpena, Mich.  
 Lane Mfg. Co., Montpelier, Vt.  
 Luther B. G. Co. (Double Cut-Off), Worcester, Mass.  
 Marston J. M. & Co. (Hand), 226 Ruggles, Boston, Mass.  
 Mecklenburg Iron Works, Charlotte, N. C.  
 Newman Machine Co., Greensboro, N. C.  
 Ober Mfg. Co., Chagrin Falls, O.  
 Olney & Warrin, 406 Broome, New York  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Sidney Tool Co. (Cut-Off Saws), Sidney, O.  
 Smith H. B. Machine Co. (Also Pendulum or Swing), Smithville, N. J.  
 Towsley Jno. T. Mfg. Co., Cincinnati, O.  
 Union Iron Works, Bangor, Me.  
 Yates P. B. Machine Co., Beloit, Wis.

#### 9462—Wood Cutting-Off & Equalizing Machines

Defiance Machine Works, Defiance, O.

#### 9463—Wood Dish Machinery

Defiance Machine Works, Defiance, O.

#### Wood Embossing Machines

See Embossing Machines

#### Wood Fibre Machinery

See Fibre Machinery

#### 9464—Wood Flooring Machines

American Woodworking Mach'y Co., Rochester, N. Y.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.  
 Moltz Jacob J., Williamsport, Pa.  
 Newman Machine Co., Greensboro, N. C.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Woods S. A. Machine Co., Boston, Mass.  
 Yates P. B. Machine Co., Beloit, Wis.

#### Wood Gang Boring Machines

See Wood Boring Machines, Multiple

#### 9465—Wood Gang Drilling Machines

Bentel & Margedant Co., Hamilton, O.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Williams, White & Co. (6 to 10 Holes), Moline, Ill.

#### 9466—Wood Gang Sawing Machines

Bentel & Margedant Co., Hamilton, O.  
 Bradley H. C., Bridgeport, Conn.  
 Fischer Machine Works (Cutting-Up Saws), 1845 Carroll av, Chicago, Ill.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Wickes Bros., Saginaw, Mich.  
 See adv index at end of book

#### 9467—Wood Graining Machines

Grand Rapids Panel Co., Grand Rapids, Mich.

#### Wood Matching Machines

See Matching Machines, Wood

#### 9468—Wood Mitreing Machines

McFarlan & Spilker Mfg. Co., Colerain & Dorman, Cincinnati, O.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.  
 Oliver Machinery Co., Grand Rapids, Mich.

#### 9469—Wood Mortising Machines

American Woodworking Mach'y Co., Rochester, N. Y.  
 Barnes W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.  
 Bentel & Margedant Co., Hamilton, O.  
 Colgan Machinery & Supply Co. ("Champion"), Columbus, O.  
 Cordesman, Rechtin Co., Butler, Cincinnati, O.  
 Crescent Machine Co., Leetonia, O.  
 Defiance Machine Works, Defiance, O.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Frank Machinery Co., Buffalo, N. Y.  
 Greenlee Bros. & Co., Rockford, Ill.  
 Hall & Brown Wood Working Machine Co. (Cabinet Hollow Chisel, etc.), 1913 N B'way, St. Louis, Mo.  
 Heath W. A. Machine Co. (Chair), Lestershire, N. Y.  
 Jenkins Machine Co. (6 or 8 Bit), Sheboygan, Wis.  
 Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.  
 Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.  
 Princess Mfg. Co. ("Princess" Automatic), 433 E Pearl, Cincinnati, O.  
 Seneca Falls Mfg. Co. ("Diamond," Foot Power), Seneca Falls, N. Y.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W, Cleveland, O.  
 Wysong & Miles Co. (Square Chisel), Greensboro, N. C.

#### 9470—Wood Moulding Machines

American Woodworking Mach'y Co., Rochester, N. Y.  
 Barnes W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.  
 Bentel & Margedant Co., Hamilton, O.  
 Central Machine Works Co. (Double Spindle & Variety Moulding Machine), 1234 Central av, Minneapolis, Minn.  
 Colladay Jos. O. Co., 626 Race, Phila., Pa.  
 Cordesman-Rechtin Co., Butler, Cincinnati, O.  
 De Loach Mill Mfg. Co., Bridgeport, Ala.  
 Defiance Machine Works, Defiance, O.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Frank Machinery Co., Buffalo, N. Y.  
 Greenlee Bros. & Co., Rockford, Ill.  
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.  
 Hermance Machine Co. (7, 8, 9, 10, 12 & 14 inches, four Side), Williamsport, Pa.  
 Jones Superior Machine Co. ("Superior"), 1264 W North av, Chicago, Ill.  
 Marseilles Co., East Moline, Ill.  
 Newman Machine Co. (For Outside Moulding), Greensboro, N. C.  
 Power L. & Co. 22 S 23d, Philadelphia, Pa.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Thomson W. S., 418 W 27th, New York  
 Woods S. A. Machine Co., Boston, Mass.  
 Yates P. B. Machine Co., Beloit, Wis.

#### 9471—Wood Paneling Machines

Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

#### 9472—Wood Paving Block Machines

Garland M. Co., Bay City, Mich.  
 Wheland Co., Chattanooga, Tenn.

#### 9473—Wood Pipe Boring Machines

Bentel & Margedant Co., Hamilton, O.  
 Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

#### 9474—Wood Polishing Machines

American Woodworking Machy. Co., Rochester, N. Y.  
 Defiance Machine Works (Belt, for Handles, Spokes, Rims, Felloes, etc), Defiance, O.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Klotz Machine Co., Sandusky, O.  
 Nash J. M., 842 30th, Milwaukee, Wis.  
 Smith H. B. Machine Co. (Sand), Smithville, N. J.  
 Yates P. B. Machine Co., Beloit, Wis.



**Wood Printing Machines**

See Box Board Printing Machines

**Wood Pulp Wet Machines**

See Wet Machines, Paper Mill

**9475—Wood Ring & Valve Handle Machines**

Pringle &amp; Brodie, 514 Carroll, Chicago, Ill.

**9476—Wood Sawing Machines**

Aermotor Co., 1146 S Campbell, Chicago, Ill.

American Sawmill Machinery Co., Hackettstown, N. J.

Appleton Mfg. Co. ("Appleton" Sliding &amp; Tilting Table), Batavia, Ill.

Badger Gas &amp; Gasoline Engine Co., Kansas City, Kans.

Baker Mfg. Co., Evansville, Wis.

Baldwin, Tuthill &amp; Bolton, Grand Rapids, Mich.

Belle City Mfg. Co., Racine, Wis.

Bentel &amp; Margedant Co., Hamilton, O.

Burlingame A. Co., Worcester, Mass.

Challenge Co. (Wood &amp; Steel, Tilting &amp; Sliding Table), Batavia, Ill.

Conner J. W. &amp; Son, Orangeville, Pa.

Crescent Machine Co. (Sliding &amp; Tilting Table), Leetonia, O.

Curtis &amp; Co. Mfg. Co., 1571 Kienlen av., St. Louis, Mo.

Detroit Engine Works, Detroit, Mich.

Duplex Mfg. Co. (For Cord Wood), Superior, Wis.

Ellis Keystone Agricultural Works (Circular Saw), Pottstown, Pa.

Fairbanks, Morse &amp; Co. (Type "Z" Engine Belted to a Tilting Table), 900 S Wabash av., Chicago, Ill.

Farquhar A. B. Co. (Ltd.), York, Pa.

Fay J. A. &amp; Egan Co., Cincinnati, O.

Flint &amp; Walling Mfg. Co. ("Star," Steel Frame), Kendallville, Ind.

Foos Gas Engine Co. (Circular Saw for Cord Wood), 800 Monroe, Springfield, Ohio

Gehl Bros. Mfg. Co., West Bend, Wis.

Globe Foundry &amp; Machine Co. (Circular &amp; Pole Saw for Cord Wood), Sheboygan, Wis.

Gowanda Agricultural Works (Wood Mill with Jack), Gowanda, N. Y.

Gray's A. W. Sons, Middletown Springs, Vt.

Greenville Implement Co., Greenville, Mich.

Hall &amp; Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Harriman Mfg. Co., Harriman, Tenn.

Hemingway Machine Co., Lynn, Mass.

Heebner &amp; Sons ("Daisy"), Lansdale, Pa.

Howell R. R. &amp; Co., 31st av., Minneapolis, Minn.

Huntsville Fdry. &amp; Mach. Co., Huntsville, Ala.

Ireland Machine &amp; Foundry Co., Norwich, N. Y.

Kline Lewis T., Alpena, Mich.

Lyon Iron Works, Greene, N. Y.

Mallory &amp; Roper Co., Macon, Ga.

Messinger Mfg. Co. (Swinging &amp; Sliding Table), Tatamy, Pa.

Newman Mach. Co. (Swing), Greensboro, N. C.

Ober Mfg. Co., Chagrin Falls, O.

Perkins Wind Mill Co., Mishawaka, Ind.

Port Huron Engine &amp; Thresher Co. (Sawing Only), Port Huron, Mich.

Smith &amp; Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.

Thompson J. Plow Works, Beloit, Wis.

Wheland Co., Chattanooga, Tenn.

Weaver &amp; Co. ("Champion"), New Oxford, Pa.

Woodsedlak Jos., Algoma, Wis.

**9477—Wood Sawing Machines (Circular)**

Barnes W. F. &amp; John Co., Rockford, Ill.

Gray's A. W. Sons, Middletown Springs, Vt.

Kidder R. E. Co. (For Ripping &amp; Cross Cutting), Worcester, Mass.

Lyon Iron Works, Greene, N. Y.

Yates P. B. Machine Co., Beloit, Wis.

**9478—Wood Sawing & Splitting Machinery**

See also Kindling Wood Machinery

Baker Wm. H. ("Baker" Splitting), Trenton, N. J.

Clark Foundry Co. (Splitting Only), Rumford, Me.

Deane H. C. Machine Co. ("Splitting Only"), Fitchburg, Mass.

Glascock Stove &amp; Mfg. Co. ("Glascock" Wood Splitting), Greensboro, N. C.

Hall &amp; Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Klotz Machine Co., Sandusky, O.

New Winona Mfg. Co. (Portable Wood Saws of Various Kinds), Winona, Minn.

Smalley Mfg. Co. ("Battle Creek" Splitting &amp; Sawing), Manitowoc, Wis.

West Point Iron Works (Splitters), West Point, Ga.

Wheland Co. (Splitting), Chattanooga, Tenn.

**9479—Wood Scraping Machines**

Whitney Baxter D. &amp; Son, Winchendon, Mass.

**9480—Wood Screw Machinery**

Cook Asa S. Co., Hartford, Conn.

Manville E. J., Machine Co., Waterbury, Conn.

**Wood Shaping Machines**

See Shaping Machines, Wood

**9481—Wood Shaping & Variety Moulding Machines**

Central Machine Works Co. (Double Spindle), 1234 Central av., Minneapolis, Minn.

Crescent Machine Co., Leetonia, O.

Hall &amp; Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Sidney Tool Co., Sidney, O.

Yates P. B. Machine Co., Beloit, Wis.

**9482—Wood Surfacing Machines**

American Sawmill Machinery Co., Hackettstown, N. J.

American Woodworking Machy. Co., Rochester, N. Y.

Bentel &amp; Margedant Co., Hamilton, O.

Connell &amp; Dengler Machine Co., Rochester, N. Y.

Cordesman-Rechtin Co., Butler, Cincinnati, O.

Crescent Machine Co., Leetonia, O.

Fay J. A. &amp; Egan Co., Cincinnati, O.

Hall &amp; Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Newman Machine Co., Greensboro, N. C.

National Woodworking Machine Co., Dover, N. H.

Oliver Machinery Co., Grand Rapids, Mich.

Power L. &amp; Co., 20 S 23d, Phila., Pa.

Sidney Tool Co., Sidney, O.

Stetson-Ross Machine Works, Seattle, Wash.

Strong, Carlisle &amp; Hammond Co., 336-344 Frankfort av., N W., Cleveland, O.

Towsley J. T. Mfg. Co., Cincinnati, O.

Valley City Machine Works, Grand Rapids, Mich.

Whitney Baxter D. &amp; Son (Single &amp; Double Surfaces), Winchendon, Mass.

Woods S. A. Machine Co., Boston, Mass.

Yates P. B. Machine Co., Beloit, Wis.

**9483—Wood Tenoning Machines**

American Woodworking Mach'y Co., Rochester, N. Y.

Barnes W. F. &amp; John Co. (Hand Power), Rockford, Ill.

Bentel &amp; Margedant Co., Hamilton, O.

Cordesman-Rechtin Co., Butler, Cincinnati, O.

Defiance Machine Works (Chuckling &amp; Tenoning), Defiance, O.

Fay, J. A. &amp; Egan Co., Cincinnati, O.

Frank Machinery Co., Buffalo, N. Y.

Greenlee Bros. &amp; Co., Rockford, Ill.

Hall &amp; Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.

Hayes E. B. Machine Co. (Single &amp; Double End), Oshkosh, Wis.

Heath W. A. Machine Co., Lestershire, N. Y.

Kane & Roach, Syracuse, N. Y.  
National Woodworking Machine Co., Dover, N. H.

Newman Machine Co., Greensboro, N. C.

Power L. &amp; Co., 20 S. 23d Phila., Pa.

Smith H. B. Machine Co., Smithville, N. J.

Strong Carlisle &amp; Hammond Co., 336-344 Frankfort av., N. W., Cleveland, O.

Vulcan Iron Works Co. ("Universal" Tenon &amp; Boring Machines), Mason City, Ia.

Wilkin-Challoner Co. (Double End), Oshkosh, Wis.

**9484—Wood Thread Cutting Machinery**

Defiance Machine Works, Defiance, O.

**9485—Wood Trimming Machines**

Adams W. T. Machine Co., Corinth, Miss.

Fox Machine Co., Jackson, Mich.

Giddings &amp; Lewis Mfg. Co. ("G. &amp; L." Air Lift), Fond du Lac, Wis.

Hall &amp; Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.

Lane Mfg. Co., Montpelier, Vt.

Lester &amp; Wasley Co., Norwich, Conn.

Oliver Machinery Co., Grand Rapids, Mich.

Perkins &amp; Co., ("Perkins" Bench Draw Stroke Trimmer), Grand Rapids, Mich.

Washburn Shops, Worcester, Mass.

Yates P. B. Machine Co., Beloit, Wis.

**Wood Working Machinery**

See the Specific Article Required

**9486—Wood Working Machinery (Hand & Foot Power)**

Barnes W. F. &amp; Jno. Co. (Circular Sawing Machines), Rockford, Ill.

Crescent Machine Co., Leetonia, O.

Marston J. M. &amp; Co., 226 Ruggles, Boston, Mass.

**9487—Wood Working Machines (Universal)**

American Saw Mill Machinery Co., Hackettstown, N. J.

Bentel &amp; Margedant Co., Hamilton, O.

Bicknell Mfg. &amp; Supply Co., Janesville, Wis.

Buffalo Forge Co. ("Crain"), Buffalo, N. Y.

Crescent Machine Co., Leetonia, O.

Elliot Woodworker Co., Congress &amp; Brush, Detroit, Mich.

Fay J. A. &amp; Egan Co., Cincinnati, O.

Hall &amp; Brown Woodworking Machine Co., 1913 N. B'way, St. Louis, Mo.

Parks Ball Bearing Mach. Co., Knowlton &amp; Fergus, Cincinnati, O.

Schaefer Mfg. Co. ("Berlin"), Berlin, Wis.

Sidney Tool Co. ("Famous"), Sidney, O.

Tannewitz Works, Grand Rapids, Mich.

**9488—Wooden Corking Machines**

Redlich Mfg. Co., 637 W Oak, Chicago, Ill.

**Woolen Machinery**

See Textile Machinery. For page number consult Index of Contents

**9489—Woven Wire Mattress Machinery**See also Wire Mattress Machinery  
Erlandsen Julius, 172 Centre, New York.**9490—Wrapper Cutting Machines**

Shirk P. E., Blue Ball, Pa.

**9491—Wrapping Machines (Candy)**

Ideal Wrapping Machine Co. ("Ideal," Caramel), Middletown, N. Y.

Knott E. R. Machine Co., 156 Pearl, Boston, Mass.

**9492—Wrapping Machines (Chewing Gum)**

Package Machinery Co., Springfield, Mass.

Redington F. B. Co., 112 S Sangamon, Chicago, Ill.



**9493—Wrapping Machines (Fruit & Merchandise)**

Berger Machine Co., Springfield, Mass.  
 Package Machinery Co., Springfield, Mass.  
 Pneumatic Scale Corporation, (Ltd.),  
 (Automatic for Cereals, Candy, Soap  
 powders etc.), Norfolk Downs, Mass.

**9494—Wrapping Machines (Rubber Mill)**

Birmingham Iron Foundry, ("Birmingham"), Derby, Conn.  
 Farrel Fdry. & Machine Co., Ansonia, Conn.  
 Housatonic Mach. & Tool Co., Bridgeport, Conn.

**9495—Wrapping Machines (Soap)**

Machinery Designing & Mfg. Co., 656 Hudson, New York  
 Package Machinery Co., Springfield, Mass.

**9496—Wrapping Machines (Tire & Wire)**

Miller Chas. E. (Tire), Anderson, Ind.  
 Pierce Wrapping Machine Co., 617 W Jackson Blvd., Chicago, Ill.  
 Rossman Roy G. (Tire), Seattle, Wash.  
 Terkelsen & Wennberg ("T. & W." Multiple) 326 A, Boston, Mass.

**9497-8—Wrapping Paper Machines**

Beloit Iron Works, Beloit, Wis.

**9499—Zinc Rolling Mill Machinery**

Farrel Foundry & Machine Co., Ansonia, Conn.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*

**9500—Machinery Dealers**

See also Mill & Factory Supplies

**ALABAMA.**

**BIRMINGHAM**—Birmingham Machine & Fdry Co.  
 Blount J. I. & Co.  
 Joubert & Goslin Mach. & Fdry. Co. (Engines, Boilers, Sugar Machy., etc.)  
 Lehman Chas. T. (Second Hand)  
 Lum Geo. E. Machine & Supply Co. (Engines, Boilers, Saw Mill & Mining Machinery, etc.)  
 McClary-Jemison Machy. Co.  
 Moore-Handley Hardware Co. (New Engines, Boilers, Saw Mill Machinery & Fletcher Supply Co. (Machinery & Electrical Machinery) etc.)  
 Yates J. A. Machine Co. (Mining Machinery)  
**BRIDGEPORT**—De Loach Mill Mfg. Co.  
**HUNTSVILLE**—Huntsville Foundry & Machine Co. (Engines & Boilers)  
**MOBILE**—Alabama Iron Works  
 Barney-Cavanagh Hardware Co.  
**MONTGOMERY**—Alabama Machinery & Supply Co. (Saw Mill Machinery)  
 Janney & Co.  
 Lum Machinery & Supply Co. (Engines, Boilers, Pumps, etc.)  
**SELMA**—Bloch Bros.  
 Union Iron Works Co.

**ALASKA.**

**CORDOVA**—Harmon Machinery Co.

**ARIZONA.**

**PHOENIX**—Thayer Ezra W. (Engines, Mining Machinery & Agricultural Implements, etc)

**ARKANSAS.**

**LITTLE ROCK**—Cox Thos. & Sons Machinery Co.  
 Rosenbaum C. E., Machinery Co.  
 Schaad Ben D., Machy. Co.  
**MORRILTON**—DeLong Machinery Co.  
**STUTTGART**—Whaley J. F.

**CALIFORNIA.**

**LOS ANGELES**—Arnott & Co.  
 Baker Iron Works  
 Busch A. H. Co., 150 N Los Angeles  
 Cleveland W. L. Co.  
 Collins & Webb  
 Fulton Engine Works (Engines, etc)  
 Harper & Reynolds Co, 219 S Central av  
 Harron, Rickard & McCone (Engine, Electrical, Woodworking, Mach., etc), 225 S San Pedro  
 Llewellyn Iron Works (Boilers, Engines, Pumps, etc)  
 Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery)  
 Smith-Booth-Usher Co.  
 Union Iron Works  
 United Iron Works

**OAKLAND**—United Iron Works  
**SAN FRANCISCO**—Baker & Hamilton (Engines, Boiler, etc) 4th & Brannan.

California Hydraulic Engineering & Supply Co. (Engines, Boilers, Pumps, Motors, etc) 70 Fremont  
 California Saw Works, 721 Brannan  
 Compressed Air & General Machinery Co., 39 Stevenson

Dunham, Carrigan & Hayden Co. (Hydraulic Machinery, etc), Kansas & Division

Eby Machinery Co. (Saw Mill & Wood Working Machinery) 35 Main  
 Eccles & Smith Co. ("Machine Shop Tools, Air Compressors, Pneumatic Tools, etc) 71 1st

Garratt W. T. & Co. (Engines, Boilers, Pumps, etc), 299 Fremont  
 Harron, Rickard & McCone (Engines, Iron & Wood Working Machinery, etc)

Krogh Mfg. Co., 147 Beale  
 Livermore Norman B. & Co. (Engines, Boilers, Pumps, Steam Shovels, Dredges, etc), Nat'l Bk. bldg

Lyon H. F. Co., 24 California  
 Marwedel C. W., 76 First  
 Meese & Gottfried Co., 660 Mission  
 Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery), Sheldon bldg.  
 Pacific Tool & Supply Co. (Metal Working Machinery & Supplies)  
 Fremont & Mission  
 Stallman F. O. Supply Co., 129 1st  
 United Iron Works (Machinery & Supplies)

Wagner Jos. Mfg. Co. (Flour Mill, etc), 165 Beale

Ward Fred & Son, 164 1st  
 Woodin & Little (Steam Pumps, Gasoline Engines, etc), 33 Fremont  
 Young A. L. Machinery Co., 28 Fremont

**COLORADO.**

**DENVER**—Advance Machinery & Supply Co.  
 Colorado Iron Works Co. (Mining, etc)  
 Denver Engineering Works Co.  
 Denver Metal Co. (Machinery Jobbers)  
 Flint Electric & Mfg. Co., 1402 Delgany  
 Mine & Smelter Supply Co. (Engines, Boilers, Pumps, etc)  
 Morse Bros. Machinery & Supply Co. (Mining Machinery, Hoisting Engines, etc)  
 Stearns-Roger Mfg. Co.  
 Western Engng. Specialties Co., Boston bldg

**LEADVILLE**—McCarty & Moore  
**PUEBLO**—Pueblo Brass & Iron Foundry

**CONNECTICUT.**

**BRIDGEPORT**—Eaton John A. (Second-Hand)  
 Gledhill & Co. (Second-Hand)  
**HARTFORD**—Pickering W. H. & Co.  
**WATERBURY**—Maton & Mitchell (Electric)  
 Waterbury Scrap Iron Co. (Second-Hand)

**DELAWARE.**

**WILMINGTON**—Delaware Electric & Supply Co. (Engines, Pumps, etc), 213 Shipley

**DISTRICT OF COLUMBIA.**

**WASHINGTON**—Columbia Pump & Well Co., 522 12th, N W  
 Littlefield, Alvord & Co., 26th & D. N. W.  
 National Electrical Supply Co. (Machinery, Pumps, Engines, Dynamos, etc), 1330 N. Y. av.

**FLORIDA.**

**JACKSONVILLE**—Boone W. E. (Second-Hand Locomotives)  
 Campbell J. P.  
 Christopher Jno G. Co.  
 Farquahar Machinery Co.  
**LAKE CITY**—Johnson L. W.  
**LAKELAND**—Florida Electric & Machinery Co.  
**OCALA**—McIver & McKay (Engines, Boilers, Pumps, Phosphate Machinery, etc)  
**PENSACOLA**—Gulf Mach. Wks.  
 Walton, J. S.  
**TAMPA**—Cameron & Barkley Co.  
 Florida Auto & Gas Engine Co.  
 Johnson Joe B. (Engines, etc)  
 Parcell Machinery Exchange

**GEORGIA.**

**ALBANY**—Albany Mill Supply Co.  
**ATHENS**—Athens Foundry & Machine Works  
**ATLANTA**—Armstrong R. S. & Bro. (New & Second-Hand Air Compressors, Engines, Boilers, Electrical Iron & Woodworking)  
 Atlanta Mfg. & Supply Co.  
 Austin Bros. (Road Machinery)  
 Austin W. E. Machinery Co. (Concrete, Stone & Ore Crushing Machinery, etc)  
 Avery & Co. (Saw Mill, etc)  
 Cotton States Belting & Supply Co. (Boilers, Engines, Saw Mill, Machinery, etc)  
 Jacobs S. R.  
 Malsby Co. (Engines, Boilers, Saw Mill, Machinery, etc)  
**AUGUSTA**—Georgia Iron Works  
 Lombard Iron Works & Supply Co. (Engines, Boilers, Saw Mills, etc)  
**BRUNSWICK**—Briesneck Machinery Co.  
**COLUMBUS**—Columbia Iron Works Co.  
**DALTON**—Hardwick W. M.  
**ELBERTON**—Lunsford G. A. & Sons  
**FITZGERALD**—Bill E. S.  
**MACON**—Mallory & Roper Co., (Engines, Boilers, Mill Machinery, etc)  
 Schofield's J. S. Sons Co. (Engines, Pumps, Saw Mills, etc)  
**ROME**—Battay Machinery Co. (Engines, Boilers, Gin & Saw Mill Machinery)  
 Rome Machine & Foundry Co.  
**SAVANNAH**—Clancy R. L.  
 Georgia Supply Co. (New)  
 Kehoe Iron Works (Machinery of All Kinds, Boilers, etc.)  
 Modern Equipment Co.  
 Rourke Jno. & Sons  
 Savannah Supply Co. (Engines, Boilers, etc)

**HAWAII.**

**HONOLULU**—Von Hamm-Young Co. (Ltd.)

**ILLINOIS.**

**BLOOMINGTON**—Constant B. S. Mfg. Co.  
 Keiser-Van Leer Co. (Engines, Pumps, Boilers, etc)  
**BRIDGEPORT**—Illinois National Supply Co.  
**CAIRO**—Reed Hardware & Mfg. Co. (Iron Working Tools, etc.)  
**CASEY**—Illinois National Supply Co.  
**CHICAGO**—Adkins, Young & Allen Co., 109 N Canal  
 Austin & Western Road Machinery Co. (Road-Making, etc), 910 S Michigan av  
 Campbell-Bosworth Machy. Co., 18 S Market  
 Chicago Brick Machy. Co., 20 W Jackson Blvd  
 Chicago Engineer Supply Co., 68 W Lake  
 Chicago Machinery Exchange, 1217 Washington Blvd



Chicago Pulley & Shafting Co. (Power Transmission), 40 S Clinton  
 Cook & Chick Co., 20 E Kinzie  
 Dickow Fred C. (Machine Tools), 33 S Desplaines  
 Economic Machinery Co., 53 W Jackson blvd  
 Electrical Machinery Sales Co., 327 S La Salle  
 Ellis R. E. Engineering Co. 549 Washington blvd.  
 Essley E. L. Machinery Co. (Machine Tools, etc.), 555 Wash'n blvd  
 Fairbanks, Morse & Co., 900 S Wabash av  
 Federal Machinery Sales Co., 12 N Jefferson  
 Gregory Electric Co. (Electric), 1601 S Lincoln  
 Harris Bros. Co., W 35th & Iron  
 Harris Sam'l & Co. (Machine Shop Machinery, Tools, etc.), 114 N Clinton  
 Henion & Hubbell (Pumps, Steam, Power, Electric, Hand, etc.), 219 N Jefferson  
 Hill, Clarke & Co., 125 N Canal  
 Hodgart & Co. (Air Compressors, Steam Engines, Pumps, etc.), 122 S Michigan av  
 Latham Machinery Co., 1153 Fulton  
 Lennox Machine Co., 2558 W 16th  
 McDowell, Stocker & Co. (New & Second Hand Machine Tools, etc.), 121 N Jeff'n  
 Machinery Exchange, 1219 Washington blvd  
 Manning, Maxwell & Moore, 111 N Canal  
 Marshall & Huscart Machinery Co. (Machine Tools & Miscellaneous Machy.), 17 S Jefferson  
 Molitor Chas. Machinery Co., 215 S Clinton  
 Pfannmueller Engineering Co. (Engineers & Power Equipment), 38 S Dearborn  
 Read Machinery Co., 443 S Dearborn  
 Rumely-Wachs Machinery Co., 121 N Jefferson  
 Ryerson Jos. T. & Son, 2558 W 16th  
 Scully Steel & Iron Co. (Heavy Machy., 2364 S Ashland av  
 Shaw, Willis (New & Second-Hand), 80 E Jackson blvd  
 Skillin & Richards Mfg. Co. (Grain Elevator Machinery & Supplies), 4520 Cortland  
 Street R. R. & Co. (Textile Machy., etc.), 549 W Washington blvd  
 Vulcan Engineering Sales Co., 2059 Elston av  
 Walworth A. O. & Co. (New & Second Hand Machine Shop Equipment), 30 S Clinton  
 White A. D. Machinery Co. (Machine Tools & Machy.), 108 N Jefferson  
 Wickes Bros., 39th & Lowe av  
 Williams-Anderson Machinery Co., 569 W Vanburen

**CHICAGO HEIGHTS**—Gordon Supply Co.  
**DECATUR**—Union Iron Works (Boilers, Engine Boilers, etc)  
**ELGIN**—Hawthorne Hardware Co.  
**LAWRENCEVILLE**—Illinois National Supply Co.  
**MENDOTA**—Mendota Mfg. & Transfer Co.  
**PEORIA**—Armstrong Jas. C. Machine & Fdry Co. (Engines, Pumps, etc.)  
**QUINCY**—Hollister-Whitney Co.  
**SPRINGFIELD**—Ansell, Oscar

## INDIANA.

**BLOOMINGTON**—Seward & Co. (Engines, Pumps, etc.)  
**EVANSVILLE**—Evansville Supply Co. (New, Engine, Boiler & Power Transmitting, Machinery, etc.)  
 Grote F. Mfg. Co.  
**FORT WAYNE**—Mossman, Yarnelle & Co. (New, Engines, Boilers, etc)  
 National Mill Supply Co. (Engines, Boilers, etc.)  
**INDIANAPOLIS**—Dunning Carl Equipment Co., United bldg  
 Kenney Machy. Co. (Agricultural Mach.), 124 S Capitol av  
 Van Camp Hardware & Iron Co. (Engines, Boilers, etc)  
 Vonnegut Machinery Co. (Tools, Power Transmission Machinery, Electric Motors, Machine Shop Equipment, Woodworking Machinery)

**LA PORTE**—Gangwer & Co.  
**MARION**—Marion Machine, Foundry & Supply Co. (Engines, Boilers, Tanks, etc.)

## IOWA.

**CEDAR RAPIDS**—Fawcett C. E. (Electrical, Iron & Woodworking)  
**DES MOINES**—Globe Machinery & Supply Co. (Engines, Boilers, Pumps, etc)  
 Hawkeye Machine & Brass Works  
 Iowa Machinery & Supply Co.  
**MARSHALLTOWN**—Lennox Machine Co. (See Chicago, Ill.)  
**OTTUMWA**—McDaniel C. E.  
**TIPTON**—Tipton Hardware Co.  
**WATERLOO**—Chamberlain Machine Works (Gas Engines)

## KANSAS.

**ENTERPRISE**—Ehram J. B. & Sons Mfg. Co.  
**LEAVENWORTH**—Fisher Machine Works Co.  
**WICHITA**—Western Iron & Foundry Co.

## KENTUCKY.

**LOUISVILLE**—Brandels Machinery & Supply Co., 331 W Main  
 Grainger & Co.  
 Morton E. D. & Co. (Machine Tools, Power Transmission, etc)  
 Pyne Co.  
 Vogt H. Machine Co.  
**OWENSBORO**—Gunter Hardware Co.  
 Owensboro Hardware & Iron Co. (Engines, Boilers, Electrical, etc)

## LOUISIANA.

**JEANERETTE**—Fav Bros.  
**MONROE**—Weeks Supply Co.  
**NEW ORLEANS**—American Hoist & Derrick Co., 712 Union  
 Baldwin A. & Co., Camp & Common  
 Boland Machine & Mfg. Co. (Engines, Pumps, etc), 1006 Tchoupitoulas  
 Fairbanks Co., Camp & St. Joseph  
 Gibbens-Finney-Gordon Co., 213 Canal  
 Hauptman & Loeb Co. (Ltd.) (Engines, Boilers, Pumps, etc., New & Second-Hand), 717 Magazine  
 Lockett A. M. & Co. Ltd. (Engines, Boilers, Pumps, etc.), 533 Baronne  
 McArdle P. H., 513 Corondelet  
 Menge Marine Hardware & Supply Co.  
 Murphy Jno. H. 643 Magazine (Engines, Boilers, Pumps, & Sugar & Saw Mill Machinery, etc)  
 Patterson C. T. Co. (Ltd.) 801 Tchoupitoulas  
 Woodward, Wight & Co. (Ltd.) Howard av & Constance  
**SHREVEPORT**—Henderson W. K. Iron Works & Supply Co.

## MAINE.

**PORTLAND**—Adde & Co. (Engines, Boilers, Pumps, Iron & Woodworking Machy.)  
 Blake W. L. & Co. (Boilers & Engines)  
 Dunn M. E.  
 Portland Co. (Engines, Boilers & General Machinery)

## MARYLAND.

**BALTIMORE**—Aumen Machinery Co. (Iron & Woodworking Machinery, Engines, Boilers, Pumps & Power Transmission Machinery), 109 E Lombard  
 Boston Iron & Metal Co. (Second-Hand Engines, Boilers, Pumps, etc), cor Pratt & Fremont av  
 Carey Machinery & Supply Co. (Engines, Pumps, etc., & Metal & Woodworking Machinery), 119 E Lombard  
 Coggins & Owens, 19 S Charles  
 Crook, H. E. Co. Inc. (Engines, Boilers, Pumps, etc), 23 Light  
 Cuyler & Mohler (Machine Tools, etc), 611 William  
 De Ved & Sons Sash Weight Co. (Second-Hand), 807 So Howard  
 Dugan, Cumberland & Co. (Iron & Woodworking), Howard & Barre

**Kries Henry A. & Sons Co.**, 3 W Lombard  
**Mallory Machinery Co.** (Engines, Boilers, Pumps, Machine Tools, etc), 522 Light  
**Meyer Henry H. Co.** (Engines, Boilers, Pumps & Contractors' Machinery, etc), 110 S Howard  
*See adv index at end of book*  
**Stebbins Wallace & Sons** (Engines, Pumps, Boilers, etc), 100 S Charles  
**Zies Chas. & Sons** (Engines, Pumps, Brewers' & Butchers' Machy., etc), 320 S Fremont av  
**CUMBERLAND**—McKaig Merwin  
**SALISBURY**—Grier R. D. Salisbury Machine Works (Engines, Boilers, Saw Mills, Power Transmitting Machy., etc)

## MASSACHUSETTS.

**BOSTON**—Beal Joseph & Co., 457 Atlantic av  
 Bond Harold L. Co. (Engines, Pumps, etc), 391 Atlantic av  
 Byers & Smith, 103 Haverhill  
 Coleman W. C. Co. (Specialty Rubber Mill Machy.), 161 Summer  
 Cutter & Wood Supply Co. (Machinists' Tools, etc), 68 Pearl  
 Fairbanks Co. (Machine Tools, Machinery, etc), 42 Pearl  
 Firth Wm. (Textile), 200 Devonshire  
 Hill, Clarke & Co. (Machine Tools, etc), 156 Oliver  
 Holt, Shattuck & Co. (Engines, Boilers & Woodworking Machinery, etc), 47 Washington, N  
 Jarvis Engng. Co. (Engines, Boilers, etc), 261 Franklin  
 Lynd-Farquhar Co. (Machine Tools), 419 Atlantic av  
**McLaughlin Geo. G. Mfg. Co.**, 24 Washington, N  
 Manning, Maxwell & Moore, 141 Milk  
 Manufacturers' Equipment Co., 100 Summer  
 Moore Frank K. Co. (Woodworking), 182 High  
 Morton A. M. & Co. (Engines, Boilers, etc), 25 Washington  
 Perrin, Seamans & Co., 57 Oliver  
**Pratt R. W. & Son**, 197 Haverhill  
 Prentiss Henry & Co. (New & Second-Hand Machine Tools), 49 Federal  
 Ridlon Frank Co. (New & Second-Hand Dynamos Motors, Engines, Pumps, etc), 261 Franklin  
 Riley C. E. Co. (Textile), 65 Franklin  
 Sampson Geo. H. Co. (Rock Drills, Air Compressors, etc), 13 Pearl  
 Sherburne & Co. (Hydraulic Machinery, etc), 53 Oliver  
 Taylor Machinery Co., 8 Oliver  
**BROCKTON**—Kimball Bros. & Sprague  
**GREENFIELD**—Stearns Joel W. (Engines, Agricultural Implement)  
**LOWELL**—Adams J. T. & M. J., 44 Leverett  
 Bartlett W. T. S. (Metal Woodworking Power Transmissions, etc)  
 Scannell Boiler Works  
**ORANGE**—Chase Turbine Mfg. Co. (Engines, Boilers, etc)  
**PITTSFIELD**—Howard Frank  
 Robbins, Gamwell & Co. (Engines, Pumps, etc)  
**SPRINGFIELD**—Bacon-Taplin Co. (Engines, Agricultural Implements, etc)  
 Ehrlich A. B. & Co. (Second Hand)  
 Hanan-Finton Co. (Engines, Boilers, Pumps, Machy., etc)  
 Russell Jno. W. & Sons Co. (New & Second Hand Engines, Shafting, Pulleys, etc)  
 Stacy E. S. Machine Co. (Engines, Boilers, Machinery, etc),  
**WORCESTER**—Buxton W. A.  
 Dawson Machine Co.  
 McMahon Bernard H. (Second Hand)

## MICHIGAN.

**ALMA**—Montigel J. M.  
**ALPENA**—Kline Lewis T  
**BAY CITY**—MACKINNON BOILER & MACHINE CO., 218 N Water.  
*See adv index at end of book*  
 Meister R. & Son  
**DETROIT**—Fales C. E. Machinery Co., Kerr bldg



Harvey's A. Sons Mfg. Co.  
 Jefferson Iron Works Co.  
 Kerr Machinery & Supply Co., Fort & Beaubien  
 Mitschun M. Co. (Engines, Boilers, Pumps, etc.)  
 Motch & Merryweather Machine Co. (Machine Tools, etc.)  
 Strelinger Chas. A. Co. (Machine Tools, General Machinery & Shop Supplies), 98 Bates  
 Wormer C. C. Co. (Engines, Boilers, Pumps, Iron & Wood Working etc) Penobscot bldg.  
**GRAND RAPIDS**—Adams & Hart  
**McMullen Machinery Co.**  
**LANSING**—Michigan Supply Co.  
**WAGINAW**—Bartlett A. F. & Co.  
 Heginbottom S. H. & Sons  
 Jackson & Church Co.  
 Wickes Bros. (Engines, Boilers, etc)  
*See adv index at end of book*

### MINNESOTA.

**DULUTH**—Duluth Machinery Co.  
**MINNEAPOLIS**—Harris Machinery Co. (Engines, Boilers, Pumps, Wood & Iron Working Machy) Washington & Univ. S E  
 Hillman Joseph (Engines, Boilers, Pumps, Saw Mill Machinery, etc)  
 Howell R. R. & Co., 31st av  
 Northern Machinery Co.  
 Power Equipment Co. (Grain Handling etc) 212 3rd av. N  
**ST. PAUL**—Robertson J. G., 2542 University av  
 Robinson, Cary & Sands Co., Fourth & Wacouta  
 Whitacre R. B. & Co.

### MISSISSIPPI.

**CORINTH**—Adams W. T. Machine Co.  
**LEXINGTON**—McBee Engine & Implement Co. (Gasoline Engines, Power Machinery, Agrl. Implements, etc)  
**MERIDAN**—General Supply & Machy Co., Hyde Chas. J.

### MISSOURI.

**CANTON**—Industrial Iron Works (Engines, Pumps, Boilers, etc)  
**COPLIN**—Landreth Machinery Co.  
 United Iron Works Co. (Engines, Boilers, Pumps & Mining Machinery)  
**KANSAS CITY**—Bonniwell-Calvin Iron Co. (Engines)  
 Brunner H. J. Hardware & Machine Supply Co. (Iron & Woodworking Tools)  
 Burton C. A. Machinery Co.  
 Creamery Package Mfg Co., 931 W Eighth  
 English Tool & Supply Co.  
 Equipment Co. (Machine Tools, etc) 522 Grand av  
 Great Western Mfg. Co., 1221 Union av  
 Haysler Iron Co. (Iron & Woodworking)  
 Independent Electric Machinery Co., 1917 Central  
 Kansas City Engineering Co., Scarritt bldg.  
 Liggett J. W. & Son (Second Hand) 601 W 5th  
 P-K Engineers, 1906 Pine  
 Revere Rubber & Supply Co., 1520 Main  
 Standard Machine Tool & Supply Co. 1st & Main  
 U. S. Water & Steam Supply Co., 1315 W 12th  
**LOCKVILLE**—Meyer & Walker  
 U. S. Water & Steam Supply Co.  
**T. JOSEPH**—Richardson Geo. O. Mach'y Co.  
**T. LOUIS**—Barry-Wehmiller Machinery Co., 6501 Florissant  
 Bowman-Blackman Machine Tool Co. (Metal Working Machinery of All Kinds, Cranes, etc.), 1513 N B'way  
 Brown-McDonald Machinery Co. (Engines, Boilers, Metal & Woodworking Machinery), 9th & N Market.  
 Colcord-Wright Machinery & Supply Co., Machine Tool & Machinery), 1229 N B'way  
 Ellison Wm. & Sons Mfg. Co., 1018 N 6th  
 Fisher & Davis (Engines, Boilers, Pumps etc.)

Fritz Geo. J. Foundry & Machine Co., 2018 S 3rd  
 Greenspon's Jos. Sons Iron & Steel Co. (Second Hand), B'way & Branch  
 Gruendler Patent Crusher & Pulvizer Co., 928 N Main  
 Hall & Brown Woodworking Machine Co. (Woodworking Machinery), 1913 N B'way  
 Hirsch Cal. & Sons Iron & Rail Co., 300 S B'way  
 Johnson Wm. C. Sons Mach. Co. Manning, Maxwell & Moore (All Kinds), Railway Exchange bldg  
 Ramming John Machine Co., 300 S Main  
 Rumsey L. M. Mfg. Co. (Engines, Pumps, Machine Tools, etc.), 810 N 2nd  
 St. Louis Belting & Supply Co., 509 S 4th  
 St. Louis Machinists' Supply Co. (Machine Tools), 920 N B'way  
 Sligo Iron Store Co. (Woodworking), 6th & O'Fallon  
 Teuscher & Son, Machy. Supply Co. (Second Hand Power Transmitting), 527 N 2nd  
 Wilson H. R. Mach'y Co. (Second-Hand), New Bank of Commerce bldg.  
 Zelnicker Walter A. Supply Co. (Saw Mills, Engines, Boilers, Cranes, etc.), 325 Locust  
**SEDALIA**—Barley Thomas K.  
**SPRINGFIELD**—United Iron Works Co. (Engines, Boilers, Heaters, Pumps, etc.)

### MONTANA.

**ANACONDA**—Anaconda Copper Mining Co.  
**BUTTE**—Anaconda Copper Mining Co. Montana Hardware Co.  
**HELENA**—Holter A. M. Hardware Co.  
**KALISPELL**—Kalispell Mercantile Co. (Pumps, Boilers, etc.)

### NEBRASKA.

**OMAHA**—American Supply Co., 1102 Far-nam  
 Lehmer Jos. R. Co. (Engines, Boilers, Pumps, etc.)  
 Sunderland Machinery & Supply Co. U. S. Supply Co.

### NEW HAMPSHIRE.

**KEENE**—Hubbard H. W. (Engines, Boilers, etc)  
**LANCASTER**—Thompson Mfg. Co.

### NEW JERSEY.

**JERSEY CITY**—Wickes Bros. (Dynamos & Motors, Engines, Boilers, Pumps, etc)  
**NEWARK**—Millington & Bradshaw (New & Second Hand Engines & Machinery), 69 N J. R. R. av  
 Newark Second Hand Machinery Co., 99 Chestnut  
 New Jersey Machinery Exchange, 21 Mechanic  
**ROE & CONOVER**, 206 Frelinghuysen av *See adv index at end of book*  
 Skinner & Leary Co. (Engines, Gear-ing, etc), 19 Corn'l  
 Tidey M. B. (Woodworking Machinery, etc.) 80 Warren  
 Walsh's Sons & Co. (Engines, Boilers, Pumps, etc)  
**PATERSON**—VanWinkle J. A. Co. (Engines, Boilers, etc.)  
**PHILLIPSBURG**—Gibney Iron & Steel Co. (Second-Hand Boilers, Engines Pumps, etc.)  
**TRENTON**—Ivens Wm. H. Sons Co. (Engines, Boilers, etc., New & Second Hand), P. O. Box 647  
 McFarland Foundry & Machine Co. Manufacturers Selling Co. (Machine Tools)

### NEW YORK.

**ALBANY**—Nicholson Aaron  
 Simmons Machine Co. Inc., 987 B'way  
*See adv index at end of book*  
**BINGHAMTON**—Gaylord & Elitapence Co. (Engines, Boilers, etc.)  
 Shapley & Wells  
**BROOKLYN**—See New York City, (Borough of Brooklyn)

**BUFFALO**—Beals & Co. (Grinders, Shears, Punches, Welding Outfits, Annealing Furnaces, etc.), 44 Terrace  
 Fairbanks Co., 145 Seneca  
 Lenahan Frank & Son, 53 Fulton  
 Osgood J. L.  
 Prentiss Henry & Co. (New & Second-Hand Machine Tools), Morgan bldg  
 Root Neal & Co. (New & Second Hand Pumps, Compressors, Machinery, Conveying, Elevating & Power Transmitting Appliances), 178 Main  
 Strong Homer  
 Whitman Machine Co., 178 Ohio  
**CORTLAND**—McKee J. L. Supply Co.  
**KINGSTON**—Lawton Wm.  
**MIDDLETOWN**—Coleman Galen (Engines Boilers, Mill & General Machinery, etc.)

### NEW YORK CITY.

#### Borough of Brooklyn.

**BROOKLYN**—Brown Jas. H. (And Second Hand Machinery), 139 Third av  
 Kasper & Koetzle, 565 Bushwick av  
 Saladin Louis, 1241 DeKaib av  
 Smith T. & Son (Second Hand) 410 3rd av  
 Thompson-Bonney Co. (Elect), 18 Henry

#### Boroughs of Manhattan and Bronx.

**NEW YORK**—Adams Geo. J., 39 South  
 Affleck Geo. E. (Iron & Brass Working Machy.), 136 Liberty  
 American Machinery Exchange, (Second Hand), 217 Centre  
 Archer & Baldwin (Electrical, etc), 114 Liberty  
 Bacon Earle C. (Rock Crushers, Hoisting & Mining Machinery), 26 Cortlandt  
 Beggs Jas. & Co. (Engines, Boilers, Pumps, Tools & Supplies), 30 Warren  
 Bender Geo. (Second Hand Electric), 128 Center  
 Borne Chas. A. Co. (Electric), 37 Wooster  
 Bowman Walker, 39 Cortlandt  
 Brearley H. P. (Second Hand), 90 West, New York  
 Calleson C. A., 50 Church  
 Donegan & Swift (Engines, Boilers, Pumps, Blowers, etc), 6 Murray  
 Duzets & Son (Steam & Electric), 50 Church  
 Freidus M. (Second-hand), 210 Centre  
 Frevert Machinery Co. (New & Second-Hand), 38 Vesey  
 Garrett W. D. & Co. (Machine Tools & Woodworking Machinery, etc) 136 Liberty  
 Garvin Machine Co. (Metal Working, etc), 147 Varick  
 Gelb J. & Co. (Second-Hand), 203 Centre  
**GODFREY-KEELER CO.** (Engines, Boilers, Pumps, Blowers, etc), 70 Warren *See adv index at end of book*  
 Granger A. D. Co. (Engines, etc), 15 Park Row  
 Harper Machinery Co. (Engines, Boilers, Pumps, etc), 50 Church  
 Hill, Clarke & Co., 136 Cedar  
 Holcomb D. S. & Co. (Electric), 242 Canal  
 Humbert J. S. (Pumping, etc), 114 Liberty  
 International Engineering Works, 15 Park Row  
 Iredell F. W., 11 B'way  
 Kaufman Machinery Co. (Second-Hand), 89 Center  
 Klein Nathan & Co. (Dynamo & Motors), 208 Center  
 Lamberg A. & Co. (Second-Hand), 243 Centre  
 Lededjeff V. V. Eng. & Sup. Co., 11 Broadway  
 Lenher Engineering Co. (Stationary & Hoisting Engines, Boilers, etc), 95 Liberty  
 Leonard & McCoy (Engines, Boilers, Pumps, etc), 161 Washington  
 Linder H. J. (Electric, etc), 50 Church  
 Ludeman Edwin H., 165 B'way  
 McCabe Jas. J. (Machine Tools), 149 B'way  
 MacGovern & Co. (Electric, Steam, etc), 114 Liberty  
 Macwatty D. & Co. (Engines, Boilers, Pumps, etc), 103 Chambers



Machinery Merchants Inc., 50 Church  
Manhattan Machinery Exchange (Sec-  
ond-Hand), 30 Church  
Manning, Maxwell & Moore (All  
Kinds), 119 W 40th  
Miller J. D., 39 Cortlandt  
Miller Thos. C. (Motors, Dynamos,  
Fans), 78 Bible House  
Mine & Smelter Supply Co., 42 B'way  
Modern Machinery Exchange (Second-  
Hand), 52 Walker  
Montgomery & Co. (Machinery &  
Tools), 105 Fulton  
Moore Chas. C. & Co. (Pumps, Mining  
& Mill Machinery), 50 Church  
National Electric Co. (Second-Hand  
Electric Motors), 120 Centre  
New York Machinery Exchange (En-  
gines, Boilers, Pumps, Machine  
Tools, etc), 50 Church  
Niles-Bement-Pond Co. (Machinery,  
Tools, etc), 111 B'way  
Olney & Warrin (Machinery, Tools &  
Supplies), 406 Broome  
Patterson, Gottfried & Hunter (Ma-  
chinery & Tools, etc), 211 Center  
Perkins W. L. Machinery Co., 30  
Church  
Pinner R. A. (Engines & Boilers,  
Metal & Wood Working Machy.,  
etc), 122 Water  
Pipe & Contractors Supply Co. (Sec-  
ond-Hand), 3 Dover  
Prentiss Henry & Co. (New & Second-  
Hand Machine Tools), 149 B'way  
Rich & McLean (Printers Second-  
Hand), 73 Beekman  
Richards & Hirschfeld Inc., 50 Church  
Roberts Geo. I. & Bros., 471 4th av.  
Rossiter, MacGovern & Co. (Engines,  
Boilers, Pumps, etc), 90 West  
Schuchardt & Schutte (Mfrs. & Expor-  
ters & Importers), 90 West  
Schutte Alfred H. (Exporters & Im-  
porters), West & Cedar  
Sullivan Jno. W. Co. (Engines), 827 E  
9th  
Tracy Frank (Power Transmission),  
202 Centre  
Vandyck, Churchill Co., 91 Liberty  
Wemeinger Co. (Contractors'), South  
Ferry bldg  
Wickes Bros. (New & Second-Hand),  
90 West  
Wiener Machinery Co. (Punching &  
Shearing Mach., etc), 50 Church

## (End of New York City)

PEEKSKILL—Naylor Bros.  
ROCHESTER—Belting & Machinery Co.  
Strong Homer  
Wilson Wm. A. Machine Co. (En-  
gines), Boilers, etc)  
SYRACUSE—Barnes & Irving, Inc.  
Hurwitz Bros. Iron & Metal Co. (Sec-  
ond Hand)  
Prentiss Tool & Supply Co. (New &  
Second-Hand Machine Tools)  
Smith H. A. Machinery Co.  
Strong Homer  
Syracuse Supply Co.  
Wood C. H. Co.  
TROY—Duckrow Textile Machine (Tex-  
tile)  
Interstate Machinery Co. (Engines,  
Pumps, Power Transmissions, etc)

## NORTH CAROLINA.

BURLINGTON—Cates Machine Works  
(Saw Mill Machinery, Engines,  
etc)  
CHARLOTTE—Alexander & Garsed  
Charlotte Supply Co. (Engines, Boil-  
ers, Cotton Mill Machinery, etc)  
Cramer Stuart W.  
Liddell Co.  
Mecklenburg Iron Works  
Southern Hardware Co.  
DUNN—McKay Jno. A. Mfg. Co.  
GOLDSBORO—Dewey Bros.  
NEWBERN—Hyman Supply Co.  
RALEIGH—Raleigh Iron Works Co. (En-  
gines, Boilers & Power Plant In-  
stallation a Specialty)  
SALISBURY—Thompson P. H.  
WILMINGTON—Wilmington Iron Works

## OHIO.

AKRON—American Scrap Iron Co. (Sec-  
ond-Hand Engines, Boilers,  
Pumps, etc)

CANTON—Canton Engineering & Electric  
Co. (Engines, Boilers, Metal Work-  
ing Machinery, etc)

Yohe Wm. S.

CINCINNATI—Barnes Chas. Co., 55 Main  
Cincinnati Iron & Steel Co.

Doermann-Rohrer Co., 318 E 3d

Economy Machinery Co. (J. H. Flynn,  
Prop.) (New & Second-Hand Iron  
& Woodworking Machinery &  
Power Equipments of all kinds),  
428 E Pearl

Johnston Wm. T. Co. (Engines,  
Pumps, Blowers, etc), 3rd & Vine  
Kinsey E. A. Co. (Metal Working  
Machinery, etc)

Motch & Merryweather Machy. Co.  
(Machine Tools, etc), 1st Natl.  
Bank bldg

Norton Machinery Co., 610 Baymiller  
QUEEN CITY SUPPLY CO., (Machine  
Tools & Machinery), Pearl & Elm

Randle Machinery Co. (All Kinds of  
New & Second-Hand Re-Built  
Machinery C. H. & D. Ry. & Pow-  
ers Cumville)

Western Machinery Co., 12 W 3d

Wirthlin-Mann Co., 329 W 3d

CLEVELAND—BARTLETT C. O. & SNOW  
CO., French st

See adv index at end of book

Cleveland Belting & Machine Co. (New  
& Second-Hand), 1922 Scranton  
rd

Cleveland Power Transmission Co.,  
Garfield bldg

Manning, Maxwell & Moore (All  
Kinds), 518 Leader News

Motch & Merryweather Machinery Co.  
(Machine, Tools, etc), 711 Lake-  
side av, N W

National Machinery & Wrecking Co.  
(Second-Hand Engines, Boiler &  
Electrical Machinery, etc), 1914  
Scranton rd

Pattison W. M. Supply Co. (Engines,  
Boilers, etc), 777 Rockwell av

Strong, Carlisle & Hammond Co. (Ma-  
chine Tools, Engines, etc), 336-344  
Frankfort av, N W

White Tool & Supply Co., 1313 W 6th  
Worthington Geo. Co.

COLUMBUS—Columbus Engineering &  
Equipment Co.

Eaton Machine Works (Engines, Boil-  
ers & Machinery), 37 S Scioto

Kilbourne M. & Co. (Machinery &  
Mfrs. Agents), 24 W Mound

Osborne & Sexton Machinery Co. (Ma-  
chine Tools & Machinery)

Sackett Mine Supply Co. (Mining Ma-  
chinery, etc), 164 N 3rd

Williams W. W. (Contractor's), Brun-  
son bldg

DAYTON—Patterson Tool & Supply Co.  
(Machine Tools & Machinery of  
All Kinds)

EAST LIVERPOOL—National Products  
Co. (Second-Hand Dealers)

ELYRIA—Elyria Belting & Machinery Co.  
(Second-Hand)

FINDLAY—Ohio Pipe Co. (Second-Hand)

GREENVILLE—Ross Supply Co. (Gasoline  
Engines, Pumps, Wind Engines,  
etc)

MARIETTA—Pattin Bros. Co.

SAINT MARYS—Jasperson Supply Co.  
(Engines, Boilers & Transmission  
Machinery, etc)

SPRINGFIELD—Casey D. L. Machine Co.

TOLEDO—Arbuckle-Ryan Co. (Engines)  
Banting Machine Co. (Boilers, Pumps,  
etc)

Coghlin Machinery & Supply Co.

National Supply Co.

Power Equipment Co.

Shaw-Kendall Engineering Co. (En-  
gines, Boilers, etc, New)

## OKLAHOMA.

BARTLESVILLE—Frick-Reid Supply Co.  
(New & Second Hand)

NOWATA—National Supply Co. (of Kan-  
sas)

OKLAHOMA—Sherman N. S. Machinery  
& Iron Works

TULSA—National Supply Co. of (Kansas)

## OREGON.

PORTLAND—Barde M. & Sons  
Bell & Wildman, 619 Upshur  
Caldwell J. D. Co., Oregonian bldg  
Dayton Hdw. & Machinery Co., 1st &  
Taylor

Eccles & Smith Co. (Machine Shop  
Tools, Air Compressors, Pneu-  
matic Tools, etc.), 46-48 Front  
Gauld Co. (Engines, Pumps, etc),  
69-75 N 12th  
Honeyman Hardware Co., 9th & Hoyt  
Mitchell-Lewis & Staver Co., E Mor-  
rison & E 3d  
Moore Chas. C. & Co. (Pumps, Min-  
ing & Mill Machinery), Spalding  
bldg  
Portland Iron Works, 14th & North-  
rup  
Portland Machinery Co., 62-66½ 1st  
Simonds Mfg. Co., 85 1st  
Western Supply Co. (Flour & Saw  
Mill Machinery), 61 First  
Zimmerman-Wells-Brown Co. (En-  
gines, Boilers, Pumps, Mach'y,  
etc), 16th & Thurman

## PENNSYLVANIA.

ALLENTOWN—Grammes L. F. & Sons  
(Engines & Power Transmitting  
Appliances, etc)

Taylor Wm. H. & Co. (Engines, Boil-  
ers, Pumps, etc)

BRADFORD—Bovaird & Seyfang Mfg.  
Co.

CHESTER—Birtwell H. B.

EASTON—Easton Machinery Co.

ERIE—Steiner Mfg. Works (Second-Hand)

HAZLETON—Hazleton Machy. & Supply  
Co.

HOLLIDAYSBURG — McLanahan - Stone  
Mach. Co.

LATROBE—Saxman P. H.

LEBANON—Lebanon Engineering & Sup-  
ply Co. (Second-Hand)

NEW CASTLE—Douds Frank C. & Co.

OIL CITY—Logan Robert (Engines, Boll-  
ers & Machinery)

PHILADELPHIA—Baily R. M. & Co. (Lo-  
comotive Cranes, Steam Shovels,  
Hoisting, Engines, Boiler Making,  
Ship Building, Structural Work,  
Machinery, etc), Commercial Trust  
bldg

Burchfield T. T. Co. (Engines, Boil-  
ers, Pumps, etc), 54 N 6th

Campbell T. J., 974 Beach

Conard Thos. P. (New & Second  
Hand), Harrison bldg

Dallett & Co. (Locomotives, Steam  
Shovels, etc), Harrison bldg

Eckbold's Wm. Sons, Aramingo &  
Girard av

Fairbanks Co., 701 Arch

Francis Bros. & Jellett, Real Estate  
Trust bldg

Girard Machine & Tool Co. (Machine  
Tools), 491 N 3d

Haddock Chas., 343 N 3d

Henning Jno. & Sons, 1016 E Susque-  
hanna av

Hitner's Henry A. Sons Co., Hunting-  
ton & Aramingo av

Industrial Requirements Co. (Ma-  
chine Tools & Equipment), 136  
Chestnut

Lamb J. K. (Textile Machinery Co.),  
246 Chestnut

Latimer R. L. & Co. (Engines Boll-  
ers, Pumps, etc), 24 N Front

Lovegrove & Co. (Engines, Boilers,  
Machinery & Machine Tools), 1524  
Chestnut

Manning, Maxwell & Moore (All  
Kinds), Lincoln bldg

Nuttall Jno., Montgomery & 5th

O'Brien Machinery Co., 107 N 3d

Oliver J. H. & Co., 1414 S Penn sq

Randall R. T. & Co. (Butchers' Ma-  
chinery & Supplies), 333 N 2d

Rich J. & G., 120 N 6th

Schramm Chris. D. & Son, 308 N 4th

Seyfert's L. F. Sons (New & Second  
Hand Air Compressors, Engines,  
Boilers, Electrical, Iron & Wood-  
working), 437 N 3d

Shipleigh W. E. Machinery Co. (Ma-  
chine Tools), 1421 Chestnut

Toomey Frank (Engines, Pumps &  
Machinery), 127 N 3d

Watt's Jno. M. Sons, 54 N 2nd

Winterer Herman L. (Engines, Boll-  
ers, Compressors, etc.), 908 Beach

Yearsley Thos. Co. (Electric, etc),  
224 N 3d

PITTSBURGH—Baird Machinery Co. (All  
Kinds of Iron & Woodworking  
Machines), 123 Water

Briggs Machinery Co., 238 2d av



Brown & Zortman Machinery Co. (Machine Tools, etc.), 2535 Liberty  
 Carlin Machinery & Supply Co., 161 E Lacack  
 Dravo-Doyle Co., Diamond Bank bldg  
 Frick & Lindsay Co. (Engines, Boilers, Pumps, etc.), Robinson  
 Green L. A., First Natl. Bank bldg  
 Hay's Samuel W. Sons, Keeman bldg  
 Kirk Supply Co. (Hoisting Engines, Pulverizing Machinery, Concrete Mixers, etc.), Farmers Bank bldg  
 McCoy & Brandt (Machine Tools), 216 Penn av  
 Manning, Maxwell & Moore (All Kinds), Park bldg  
 Oil Well Supply Co., 215 Water  
 Pittsburgh Gage & Supply Co. (Pumps, etc.), 30th & Liberty av  
 Pittsburgh Scrap Iron Co., S 20th & Wharton  
 Rees Jas. & Sons Co., 18 4th  
 Renton Wm., 101 Water  
 Russell Machine Co., 28th  
 Schlelein F. P. Machinery Co. (Machine Tools, etc.), 32 W Parkway, N S  
 Somers, Fittler & Todd Co. (Engines, Boilers, Pumps & Machinery), 325 Water  
 Tranter Mfg. Co. (Engines, New & Second Hand Pumps, etc.), 105 Water  
**OTTSTOWN — POLLOCK MAYER** (Second-Hand Machinery & Boilers)  
**CRANTON—Bittenbender Co.**  
 Derry A. L. & Co. (Engines, Boilers, etc.)  
 Scott Chas. B. Co.  
 Scranton Supply & Machinery Co. (Engines, Pumps & Machinery)  
**MITHS FERRY—Childs Jno., Sr.** (Oil & Gas Well, etc.)  
**UNKHANNOCK—Billings Paul & Sons**  
**VILKES-BARRE—Eastern Penna. Supply Co.** (Engines, Pumps & Machinery)  
 Huntington Machinery & Supply Co. (Electric, etc.)  
**WILLIAMSPORT—Moltz Jacob J.** (Engines, Boilers, etc.)  
**WORK—Duff William E**

## RHODE ISLAND.

**PROVIDENCE—Brownell Machinery Co.,** 11 Eddy

## SOUTH CAROLINA.

**ANDERSON—Anderson Machine & Fdry Co.**  
**CHARLESTON — Bailey-Lebby Co.** (Engines, Pumps & Machinery, New)  
 Cameron & Barkley Co. (Engines, Pumps & Machinery)  
 Riverside Iron Works  
 Valk & Murdoch Co. (Engines, Boilers, Pumps, etc.)  
**COLUMBIA—Gibbes Machinery Co.** (Engines, Boilers, Saw Mill, etc)

## TENNESSEE.

**HATTANOOGA—James Supply Co.**  
 Walsh & Weidner Boiler Co.  
**ACKSON—Gooch-Edenton Hardware Co.** (Gas Engines & Saw Mill Machinery)  
 Southern Engine & Boiler Works (Engines, Boilers & Saw Mill Machinery)  
**KNOXVILLE—Duncan John G. Co.**  
 Gillespie E. W. (Engines, Boilers, etc.)  
 McClung C. M. & Co. (Boilers, Engines, Pumps, etc.)  
 Savage W. J. Co. (Engines, Boilers, etc.)  
 Tenn. Mill & Mine Supply Co. (Engines, Boilers, etc.)  
**MEMPHIS—Chicksaw Mach. & Fdry. Co.** (Engines, Pumps & Machinery)  
 Pidgeon-Thomas Iron Co. (Gas Engines, Saw Mill Machinery, etc)  
 Riechman-Crosby Co. (Boilers, Engines & Saw Mill Machinery)  
**NASHVILLE—Dale Jno. P. Machinery Co.** (Engines, Boilers, Wood & Iron Working Machinery)  
 Keith, Simmons & Co. (Engines, Boilers, etc)  
 Nashville Machine Co.  
 Stewart & Bruckner Co.

## TEXAS.

**BEAUMONT—National Supply Co.** (of Kansas)  
 Wilson E. L. Hardware Co.  
**BRENNHAM—Roff & Miller**  
**CORPUS CHRISTI—Caldwell E. H. & Son**  
**CUERO—Runge H. & Co.**  
**DALLAS—Briggs-Weaver Machinery Co.**  
 Eubank Machinery Co.  
 Mosher Mfg. Co.  
 Wolfe B. F. & Co.  
**EL PASO—Mine & Smelter Supply Co.**  
**FORT WORTH—Axtell Co.** (Wind Mills, Tanks, etc)  
 Southern Trading Co.  
 Texas Mfg. Co.  
 Van Zandt-Moore Iron Works (Engines, Boilers, Pumps, Dynamos, Motors, etc)  
**HOUSTON—Barden Electric & Machinery Co.**  
 Girten-Bowman Supply Co. (Engines, Boilers, etc)  
 Heitmann F. W. Co. (Machinery & Supplies)  
 Houston Car Wheel & Machine Co. (Dredge, Oil Mill, Sawmill & Compress Machy., etc)  
 Paine H. A. (Pumping & Saw Mill Machy., etc)  
 Texas Machinery & Supply Co. (Steam & Gas Engines, Pumps, Motors, Generators, etc)  
 Union Iron Works (Pumps, Oil Well Supplies, etc)  
**HUMBLE—National Supply Co.** (of Kansas)  
**LUFKIN—Lufkin Foundry & Machine Co.**  
**MERCEDES—Rio Grande Hardware & Machinery Co.**  
**PARIS—Dulaney W. F. & Son**  
**SAN ANTONIO—San Antonio Machine & Supply Co.**  
**TYLER—Connally Walter & Co.**

## UTAH.

**SALT LAKE CITY—Galigher Machinery Co.**  
 Green Machinery & Mfg. Co.  
 Mine & Smelter Supply Co.  
 Moore Chas. C. & Co. (Pumps, Mining & Mill Machinery)  
 Richmond F. C. Machinery Co. (Mine, Mill & Contractors' Machinery)  
 Salt Lake Hardware Co.  
 Trent Engineering & Machinery Co.

## VERMONT.

**BENNINGTON—Scott Olin** (Est. of)

## VIRGINIA.

**NORFOLK—Empire Mach. & Supply Corp.**  
 Porter & Moore Co. (New & Second Hand)  
 Southern Supply Co.  
 Tavlour-Parker Co.  
 Tidewater Supply Co. Inc.  
 Walke Henry Co.  
 Westbrook Jno. D. Inc.  
 Whaley W. M. & Co.  
**PETERSBURG—Stockdell Myers Hardware Co.**  
 Stratton Braag Co. (Engines, Boilers, Pumps, etc), 801 E Cary  
**RICHMOND—Bluford I. & Co.** (Second-Hand), 501 N 15th  
 Cosby Clarence (Second-Hand), 1523 E Cary  
 Lindsay J. L. (Inc.), 1312 E Main  
 McGraw Jas. (New), 1442 E Main  
 Morrison Co. (All Kinds), Mayo's Isle  
 Smith-Courtney Co. (Engines, Boilers, Machine Tools, etc), 809 E Cary  
 Sydnor Pump & Well Co. (Engines, Pumps & Saw Mill Machinery), 1310 E Main  
 Virginia Machinery & Well Co., 1319 E Main

## WASHINGTON.

**BELLINGHAM—Whatecom Machinery Depot**  
**CENTRALIA—Gillam H. C.**  
**HOQUIAM—Lamb Machine Co.**  
**OMAK—George Claude Co.** (Gasoline Engines & Machinery)  
**SEATTLE—Adair Geo. B. & Son Co.** (Engines, Dynamos, Motors, etc), 514 1st av S  
 Hallidie Machinery Co. (Mining & Mill Machinery), 411 Occidental av

**Hofus Steel & Equipment Co.** (Locomotives, Steam Shovels, etc)  
**Meese & Gottfried Co.** (Power Transmitting, etc), 558 1st av S  
**Moore Chas. C. & Co.** (Pumps, Mining & Mill Machy.), Mutual Life bldg  
**Perine Machinery Co.**  
 Puget Sound Machinery Depot (Saw & Shingle Mill Machinery, etc), 318 1st av S  
 Simonds Mfg. Co., 402 Occidental av  
 Star Machinery Co. (All Kinds), 1731 1st av S  
 United Supply Co.  
**SPOKANE—Barnard Mfg. Co.** (Engines, Boilers, etc)  
 Hallidie Company (Engineers & Contractors for Complete Plants & Equipment)  
 Mitchell, Lewis & Staver Co.  
 National Iron Works  
 Pacific Iron Works (Saw Mills Engines, Boilers, Pumps, Power & Transmitting Machinery, etc)  
 Starbird W. D. (Engines, Boilers, Saw Mill Machinery, etc)  
 Union Iron Works (Inc.) (Mining Machinery, Engines, etc)  
 United Iron Works  
**TACOMA—Puget Sound Iron & Steel Works**  
 Thomas-Hammond Machine Co.  
 Washington Machinery Depot

## WEST VIRGINIA.

**CHARLESTON—Capitol City Supply Co.**  
 South Side Foundry & Machine Works  
**CLARKSBURG—Osborn's J. F. Sons**  
**HUNTINGTON—Miller Supply Co.**  
 Morris Machinery Co.  
**PARKERSBURG—Second Hand Pipe & Supply Co.** (Second Hand Boilers, Engines, etc)  
 Spence, Smith & Kootz Co. (Second-Hand Boilers, Engines, etc)  
**WESTON—Danser Mfg. & Supply Co.**

## WISCONSIN.

**ASHLAND—Bretting C. G. Mfg. Co.** (Mill Machinery, etc)  
**GREEN BAY—Hartman-Greiling Co.**  
**JANESVILLE—Ambrose F. O.** (Engines, Pumps, etc)  
**MILWAUKEE—American Machinery & Construction Co.** (Power Transmitting & Conveying Machinery, etc), 103 W Water  
 Badger-Packard Machinery Co., 76 W Water  
 Grotenrath Fred, 103 W Water  
 Hide & Leather Working Mach. Co. (Hide & Leather Working Machinery, etc), 859 Grand blvd.  
 Mertes Machinery Co. (New & Second Hand Machine Tools, Boilers, Pumps, Engines, Hoisting Engines, Brick Machinery, etc)  
 Milwaukee Machinery Co., 3015 Walnut  
 Smith T. L. Co. The (Concrete Mixers & Elevators, Dirt and Sand Excavators and Loaders), 1151 32d  
 Walsh M. J. Machinery Co., 129 2d  
**PINE RIVER—Kimball A. M. & Son**  
**RACINE—Badger-Packard Machinery Co.**  
 Racine Engine & Machinery Co.  
**WAUSAU—Murray D. J. Mfg. Co.**

## 9501—\*Machinery Designers

Clyne R. G. Machine Works, Columbia bldg, St. Louis, Mo.  
*See adv index at end of book*

## 9501a—\*Machinery (Second Hand)

*See also Machinery Dealers*  
 du Pont, E. I. de Nemours & Co. (By-Products Division), Wilmington, Del.  
 Simmons Machine Co. Inc., 987 B'way, Albany, N. Y.  
*See adv index at end of book*

## PATENTS

Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the **Scientific American**.

**Munn & Co., 699 Woolworth Bldg., N. Y.**  
 Washington Office: 625 F Street, Washington, D. C.



## 9502 Machinists &amp; Founders

Star (\*) indicates Machinists.  
Dagger (†) indicates Founders.  
Star & Dagger (\*†) indicates Machinists & Founders.

Section Mark (§) indicates Brass and Composition Founders.

All Manufacturers of Machinery, Castings, etc., who have a machine shop or foundry are classified under this heading and sub-classified in other parts of the book under the specific article they produce, such as:

Agricultural Implement Manufacturers.

Brick Machinery, Etc.

Cars, Various Kinds.

Cast Iron Pipe, Various Kinds.

Castings, Various Kinds.

Cranes, Various Kinds.

Drills, Various Kinds.

Dynamos & Motors.

Elevators.

Engines, Various Kinds.

Flour Mill Machinery.

Gears, Various Kinds.

Grinders, Various Kinds.

Hammers, Various Kinds.

Harrows, sub-classification of Agricultural Implements.

Heaters, Steam & Hot Water.

Ice & Refrigerating Machinery.

Lathes, Various Kinds.

Mining Machinery.

Paper & Pulp Mill Machinery.

Plow Manufacturers, sub-classification of Agricultural Implements.

Presses, Various Kinds.

Radiator Manufacturers.

Rolling Mill Machinery.

Saw Mill Machinery.

Special Machinery.

Steel Structural Work.

Stove Manufacturers.

Textile Machinery.

Valve Manufacturers, Various Kinds.

Wheels, Various Kinds, and hundreds of other articles

For correlative trades not included under head of Machinists & Founders see:

Automobile Builders.

Boilers, Tubular, Etc.

Bolt & Nut & Rivet Manufacturers.

Chains, Various Kinds.

Cutlery Manufacturers.

Forgings, Various Kinds.

Furnace Manufacturers. Hot Air, Etc.

Gas & Electric Fixture Manufacturers.

Hardware Manufacturers.

Rolling Mills & Steel Manufacturers.

Saw Manufacturers.

Screw Manufacturers.

For all other kindred classifications consult Index of Contents:

## ALABAMA.

ANDALUSIA—\*†Faulkenberry Fdry. & Machine Co.

\*Taylor J. M.

ANNISTON—\*†Alabama Pipe & Foundry Co. (Cast Iron Pipe)

\*†Anniston Foundry Co.

\*†Calhoun Foundry Co. (Sash Weights)

\*†Central Foundry Co. (See New York)

\*†Interstate Roofing & Foundry Co.

\*†Kilby Car & Foundry Co. (Logging Locomotives, Cars, Wheels & Axles)

\*†Lynchburg Foundry Co. (Cast Iron Pipe)

\*†Standard Foundry Co. (Cast Iron Pipe)

\*†Union Foundry Co. (Cast Iron Pipe & Fittings, etc.)

\*†U. S. Cast Iron Pipe & Foundry Co. (See New York)

ATTALLA—\*†Attalla Foundry & Mach. Co.

BESSEMER—\*†Bessemer Fdry. & Mach. Co.

\*†Bessemer Soil Pipe Co. (Cast Iron Soil Pipe)

\*†Central Foundry Co. (See New York)

\*†U. S. Cast Iron Pipe & Foundry Co. (See New York)

BIRMINGHAM—\*†Ajax Metal Co. of the South

\*†American Cast Iron Pipe Co. (Cast Iron Pipe Mfrs.)

\*†American Casting Co.

\*†Anderson G. L. Brass Works

\*†Avondale Stove & Foundry Co.

\*Beatty E. T.

\*†Beggs Pipe & Foundry Co. (Cast Iron Pipe Mfrs.)

\*Binder Elevator & Electric Co. (General Repair Work)

\*†Birmingham Foundry Co.

\*†Birmingham Machine & Foundry Co. (Steam Engines, etc.)

\*Birmingham Rail & Locomotive Co.

\*Birmingham Stove & Range Co.

\*†Caldwell-Watson Fdry. & Mach. Co. (Mill & Mining Machy.)

\*†Continental Gin Co. (Cotton Gins, etc.)

\*†Coosa Pipe & Foundry Co. (Cast Iron Pipe)

\*†Gibb Valentine & Son. Brass Foundry

\*Gulf States Steel Co.

\*†Hardie Tynes Mfg. Co. (Corliss Engines, Heavy Iron Castings, etc.)

\*†Ingalls Iron Works

\*International Harrow Cultivator Co.

\*Joubert & Goslin Mach. & Fdry. Co. (Sugar Machy. & Brass & Iron Castings)

\*Kilby Frog & Switch Co.

\*Lehman C. T.

\*Lum Geo. E. Machine & Supply Co.

\*†Montgomery Coal Washing & Mfg. Co. (Coal Washing Machinery)

\*†National Cast Iron Pipe Co.

\*Oliver Electric & Machine Co.

\*†Republic Iron & Steel Co. (See Chicago, Ill.)

\*†Schaefer Mfg. Co. (Castings & Machinery)

\*Sloss-Sheffield Steel & Iron Co. (Also Mfrs. of Iron & Steel)

\*Southern Bridge Co.

\*†Southern Iron & Commission Co.

\*†Southern Welding & Reclaiming Co.

\*Steward-Witherill Machine Co.

\*†Stockham Pipe & Fittings Co.

\*Sullivan Machinery Co. (Mining)

\*†Tennessee Coal, Iron & R. R. Co.

\*†Thomas Grate Bar Co.

\*†U. S. Cast Iron Pipe & Foundry Co.

\*†Union Foundry & Manufacturing Co.

\*†Wallwork H Foundry Co. (Grate Bars, Castings, etc.)

\*†White-Blakeslee Mfg. Co. (Gas & Gasoline Engines)

BOAZ—\*Steele E. J.

BREWTON—\*†Brewton Iron Works

BRIDGEPORT—\*De Loach Mill Mfg. Co. (Flour & Saw Mill, etc.)

COLUMBIA—\*Jones C. T.

CULLMAN—\*†Ehrensperger H. (Brass Foundry)

DECATUR—\*†Jervis Foundry & Machine Co.

DEMOPOLIS—\*Demopolis Auto & Machine Co. (Repairing)

DOTHAN—\*†Dothan Foundry & Machine Co.

ENSLEY—\*†Tennessee Coal, Iron & R. R. Co. (See Birmingham, Ala.)

FLORENCE—\*†Florence Machine & Railroad Supply Co.

\*†Thoele-Phillips Mfg. Co.

GADSDEN—\*A. & J. Mfg. Co. (Stove)

\*†Campbell Mfg. Co. (Plumbers' Supplies, etc.)

\*†Coosa Pipe & Foundry Co.

\*†Gadsden Foundry Co.

\*†Gadsden Pipe Co.

GREENVILLE—\*Henderson C. C. Machine Co.

HARTSELS—\*†Hartsells Machine Co.

HOLT—\*†Central Foundry Co. (See New York)

HUNTSVILLE—\*†Huntsville Foundry & Machine Co. (Iron & Brass Fdrs.)

MOBILE—\*†Alabama Iron Works (Iron & Brass Fdrs.)

\*Burger August (Machinist)

\*†Henderson Iron Works

\*†Home Industry Iron Works

\*†Mobile Foundry Co.

\*†Mobile Stove & Pulley Co. (Stoves, etc.)

\*†Ollinger Harry W.

\*†Standard Equipment Co.

MONTGOMERY—\*Capitol City Machine Works

\*†Hartley Boiler Works. (Iron & Brass Castings, Boiler Fronts, Grate Bars, etc.)

\*†Janney & Co. (Saw Mills, Grate Bars, Brass & Iron Castings, etc.)

OPELIKA—\*Collins Garage Machine Wks.

OZARK—\*Valentine I. M. Machine Co.

PRATTVILLE—\*†Continental Gin Co. (See Birmingham)

SELMA—\*†Union Iron Works Co. (Engines, Locomotives rebuilt, etc.)

SHEFFIELD—\*†King Stove & Range Co.

\*†Sheffield Machine & Foundry Co.

TALLADEGA—\*†Talladega Foundry & Machine Co.

TUSCALOOSA—\*†Strickland Bros. Machine Co.

\*†Tuscaloosa Iron Works (Iron Fdrs.)

TUSCUMBIA—\*†Rowland T. T. & Son (Cultivators)

WOODWARD—\*†Woodward Iron Co.

## ALASKA.

KETCHIKAN—\*Schlothman W. F.

TREADWELL—\*†Alaska Treadwell Gold Mining Co.

## ARIZONA.

CLIFTON—\*†Arizona Copper Co. (Ltd.)

DOUGLAS—\*†Copper Queen Consolidated Mining Co.

JEROME—\*†United Verde Copper Co.

NOGALES—\*†Arizona & Sonora Mfg. Co. (Mining Machinery, Castings, etc.)

\*Roy & Titcomb (Gasoline Engines)

PHOENIX—\*†Arizona Iron Works

\*Kunz Bros. & Messinger

\*Phoenix Machine & Cold Storage Co.

\*Williscroft Geo. R.

PRESCOTT—\*†Prescott Iron Works

\*Tilton B. (Machine Shop)

TUCSON—\*Huck Fred J.

\*Schweitzer Machine Co. (Garage)

## ARKANSAS.

ALMYRA—\*Almyra Machine Works

BATESVILLE—\*Kealer G. H.

BONO—\*Bono Plow Co. (Plows)

BRINKLEY—\*†Brinkley Car Works & Mfg. Co.

CALICO ROCK—\*Arthur J. T.

CORNING—\*Booser D. A.

DARDANELLE—\*†Partin W. E.

EL DORADO—\*†Eldorado Foundry & Machine Co.

FAYETTEVILLE—\*Sanford & Son

FORT SMITH—\*†Breslin Boiler & Iron Works

\*†Hammer Iron Works

\*†Ketcham Iron Co. (Engines, etc.)

\*†Mehlburger & Jones

\*†Western Wheelbarrow Mfg. Co. (Trucks, Swings, etc.)

HARRISON—\*†Harrison Foundry & Machine Co.

HELENA—\*Allin Machine Works

HOT SPRINGS—\*†Shelton W. H. & Son

JONESBORO—\*Jonesboro Machine Works

LITTLE ROCK—\*†Dickinson Ball Bearing Wheel & Vehicle Co. (Ball Bearing Wheels)

MORRILLTON—\*†De Long Machinery Co.

\*†Lachowsky A. L.

PARAGOULD—\*†Roy Plow Co. (Plows, etc.)

PINE BLUFF—\*†Dilley Foundry Co.

\*†Le Laurin A. A.

\*†Pine Bluff Iron Works (Iron & Brass Founders)

RUSSELLVILLE—\*†Ball & Cole

\*†Russellville Iron Works

SOUTH FORT SMITH—\*†Western Wheelbarrow Mfg. Co. (Steel Barrows, Trucks, etc.)

TEXARKANA—\*De Marce Mrs. A. (Engines, Castings, etc.)

VAN BUREN—\*†Engineering Works (Industrial Cars, etc.)

\*†Morell Jas.

## CALIFORNIA.

ALAMEDA—\*†Delaney F. W. (Plumbers' Fittings, etc.)

\*†Dow Pump & Diesel Engine Co. (Pumps & Hydraulic Machinery).

Office: San Francisco

BAKERSFIELD—\*†Bakersfield Iron Works

\*Sprague Bros.

BERKELEY—\*†Berkeley Iron Works

\*†Macauley H. C. Foundry Co.

\*Schuyler Co. (Tools, etc.)

\*†Van Emon Elevator Co.

CHICO—\*†Diamond Match Co. (Engineering Dept.) (Castings & Machinery)

\*†Mery M. L.

COALINGA—\*†Axelson Machine Co.

\*Bowen S. R. Co. (Fishing Tools & Machine Shop)

\*†Bunting Iron Works

COLUSA—\*†Maroney & Hearn



DOWNEVILLE—†York C. J.  
 EUREKA—\*Lane & Sutliff (Gas Engines, etc.)  
 †Vietor Wm. A.  
 FELTON—\*Rubottom Plow Factory (Ag'l Impls.)  
 FRESNO—†Fresno Agricultural Works (Agricultural Implements)  
 \*Lisenby Mfg. Co. (Printing Presses)  
 †Traves Chas. E. (Machinist & Foundry)  
 †Valley Foundry & Machine Works (Gas Engines & Pumps)  
 \*Woodward Co. (Machinists & Agricultural Implements)  
 FULLERTON—Clever & Gulick  
 GOLETA—\*Malters G. F.  
 GRASS VALLEY—†George Bros.  
 †Taylor Foundry & Engineering Co. (Vacuum Filters, Steam Engines, etc.)  
 LOS ANGELES—§Acme Brass Foundry Co. (Brass & Bronze Castings, etc.)  
 \*Adams Campbell Co.  
 †Advance Machine Co.  
 \*Albion Tool Co. (Drilling Machinery)  
 †Augustine U. G. Foundry & Mfg. Co., 15th & St. Elmo  
 †Axelson Machine Co. (Brass Fdrs. & Machinists)  
 †Baker Iron Works  
 §Bayer-Rothgeb Co. (Iron, Brass & Bronze)  
 \*Boyers & Baldwin  
 \*Bremer W. A. (Concrete Machinery)  
 \*Brombacher J.  
 †Bruce Thos. P. (Plumbers' Goods)  
 \*Buttress J. A. Machine Works  
 \*California Well Tool & Machine Wks.  
 \*Carter S. C. Co.  
 \*Central Machine Works  
 \*Central Machinery Mfg. Co.  
 \*City Ornamental Iron Works, 2424 Porter  
 \*Commercial Engine Co., 953 N Main  
 \*Crellin C. V.  
 \*East Side Machine Co.  
 \*Enterprise Machine Works  
 †Fruhling A. G.  
 †Fulton Engine Works (Mining, Oil Well & Saw Mill Machinery & Iron & Brass Castings, etc.)  
 \*Gregory Wm.  
 \*Harrison Machine Works  
 §Heintzelman-Earle-Wickoren Co.  
 \*Jean & Welde  
 †Johnson Foundry & Machine Works  
 \*Jones Jas. Co. (Brass Fdrs.)  
 †Keystone Iron Works  
 \*Kimball Frank J. Co.  
 \*King Machine & Mfg. Co.  
 †Lilly Bros.  
 †Llewellyn Iron Works (Mining Machinery, Iron & Brass, etc.)  
 \*Los Angeles Engine Works  
 †Los Angeles Foundry Co.  
 \*Los Angeles Mfg. Co. (Pipes, Tanks, etc.)  
 \*Maine Machine Works  
 \*Meese & Gottfried Co. (Pulleys, etc.)  
 \*Menczer E. A.  
 \*Miller & Herlocker  
 \*Mills Iron Works  
 †Monarch Foundry Co. (Grey Iron Castings)  
 §Pacific Brass & Hardware Mfg. Co.  
 \*Pacific Coast Mfg. Co.  
 †Pacific Electric Railway Co.  
 †Pacific Surgical Mfg. Co. (Surgical Instruments)  
 \*§Parmelee Z. L. Co.  
 †Phillips Iron Works  
 \*Pilgrim Iron Works (Rock Crushers, Power Transmission, Hoists & All Kinds of Mining Machinery)  
 \*Pioneer Boiler & Machine Works (Machinists)  
 †Pittsburg Foundry Co.  
 \*§Price-Carcaran-Pfister Co.  
 \*Richter H. F. Machine Works  
 \*Small W. E.  
 \*Speer Gas Machine Mfg. Co. (Gas Machines)  
 \*Stearns Gas Engine Works (Engines, Plows & Pumps)  
 \*Stewart A. C. Co.  
 \*Sturgis S. D. Machine & Tool Works  
 \*Svea Art Cabinet Wks., 1210 W. Washington  
 \*Thacker F. L.  
 \*Trinkkeller E. (Ornamental Iron)  
 †Union Brass Foundry  
 \*Union Iron Works (of Los Angeles)

†Union Tool Co. (Oil & Gas Well Machinery, Grey Iron Castings, Engines, etc.)  
 †United Casting Co.  
 \*Vulcan Iron & Tool Works  
 †Washington Iron Works  
 †Western Gas Engine Corp.  
 \*Wigmore John & Sons Co. (Machine Tools, etc.), N E cor 4th & San Pedro  
 \*Wilgus Mfg. Co. (Pumps, Governors, etc.)  
 \*Wilson & Willard Mfg. Co. (Oil Well Tools, Pumps, etc.)  
 MADERA—\*Barcroft F. (Gang Punches)  
 MARYSVILLE—\*Ogden J. G.  
 \*Yuba Construction Co. (Excavating Machinery)  
 MONTAGUE—\*McClellan A. H.  
 MONTEREY—\*Langdon Horace  
 NAPA—\*Lindow W. J.  
 NEEDLES—\*Needles Machine Works  
 NEVADA CITY—\*§Miner's Foundry & Supply Co.  
 NEWARK—†§Graham James Mfg. Co. (See San Francisco, Cal.)  
 NILES—\*§Ames A. T. Mfg. Co. (Pumps, etc.)  
 OAKLAND—\*Atlas Gas Engine Co. (Gas Engines, etc.)  
 †Bay City Iron Works  
 †Best C. L. Gas Traction Co. (Traction Engines)  
 †Boscacci Jos.  
 \*Continental Machine Works  
 †Dalton Henry & Sons Co.  
 \*Doak Gas Engine Co. (Gas Engines)  
 †Empire Foundry Co.  
 \*Gorham Engineering Co. (Marine Gas Engines, etc.)  
 †Janson Iron Works  
 †Judson Mfg. Co. (See San Francisco)  
 †Matthews F. I. (Iron & Brass Fdr. & Machinist)  
 §Oakland Brass Foundry  
 †Phoenix Iron Works Co. (Iron & Brass Founders, Machine Castings, etc.)  
 §Pioneer Brass Foundry Co.  
 †San Francisco-Oakland Terminal Rys.  
 \*Scoville Iron Works  
 \*§Standard Brass Casting Co. (Brass Castings, etc.)  
 †Standard Foundry  
 †Union Gas Engine Co. (Gas & Oil Engines)  
 \*Union Machine Works  
 †United Iron Works. (Dredging, Mining & Pumping Machinery, etc.)  
 \*§Young R. S. Supply Co. (Brass Founders)  
 OAK PARK—\*Latourrette-Fical Co.  
 ONTARIO—\*Bumstead F. F.  
 \*Ontario Mfg. Co.  
 OROVILLE—\*Boston Machine Shop Co.  
 \*Indiana Machine Shop Co.  
 OXNARD—†Dunn Mfg. Co. (Steel Castings)  
 PASADENA—†Reliance Gas Regulator & Machine Co.  
 \*Wingren Chas. O.  
 PETALUMA—\*Sparks & Murphy (Repairing)  
 \*Van Bebbler Bros. (Jobbing)  
 PITTSBURGH—†Columbia Steel Co. (See San Francisco, Cal.)  
 PIXLEY—†Norviel H. Scraper Co.  
 POMONA—†§Pomona Mfg. Co.  
 RED BLUFF—\*Diamond Match Co.  
 †Hammer H. H.  
 REDDING—\*Northern Cal. Engineering Works (Malleable Iron Castings)  
 REDONDO—†Warman Steel Casting Co. (Electric Steel Castings)  
 RICHMOND—†§Santa Fe Foundry Co. (Iron, Semi-Steel & Brass Castings, etc.)  
 RIVERSIDE—†California Iron Works.  
 SACRAMENTO—\*Davies John G.  
 †Elliott Bros.  
 †Globe Iron Works (Mining Machy.)  
 †Palm Iron & Bridge Works  
 †Phoenix Iron & Boiler Works  
 †Root, Neilson & Co. (Iron & Brass Founders & Machinists)  
 SALINAS—\*Iverson Bros. (Machinists, etc.)  
 \*Lacey Geo. E.  
 ST. HELENA—\*Grant P. S.  
 SAN BERNARDINO—†Hanford J. J.  
 †Palmer J. R.  
 †Parker Iron Works

SAN DIEGO—†California Iron Works (Castings, Machine & Structural Iron & Steel Work)  
 †City Ornamental Iron Wire & Brass Works  
 †Clarke Machinery Co.  
 †Ingle Mfg. Co. (Stoves, etc.)  
 †McCoy Thos. & Sons  
 †Schultheiss W. F. Co. (Inc.)  
 †Standard Iron Works  
 †Sterne Bros. Co.  
 SAN FRANCISCO—\*Acme Iron & Wire Works, 485 6th  
 \*Alcher Machine Works, 1650 Stockton  
 †Ajax Brass & Iron Works, 47 Clementina  
 †Alaska-Treadwell Gold Mining Co. (Steel Castings)  
 †Allis-Chambers Mfg. Co., Rialto bldg (See Milwaukee, Wis.)  
 See adv index at end of book  
 §American Brass Mfg. Co., Inc., 731 Folsom  
 \*§Atlas Brass Works, 431 Folsom  
 \*Auld & Blackman, 819 Bryant  
 \*Bay City Iron Works, 1243 Harrison  
 †Betts Spring Co. (Carriage, Wagon & Car Springs), 888 Folsom  
 \*Binns Wm. H. (Machines & Tools), 416 Harrison  
 \*Blasau John, 81 City Hall av  
 †Brode Iron Works (Founders & Machinists), 37 Hawthorne  
 \*Brunig Robert, 523 Brannan  
 †California Adding Machine Co. (Adding Machines), Flood bldg  
 †California Artistic Metal & Wire Co., 349 7th  
 \*§California Brass Wks. (Kingwell Bros.), 450 Natoma  
 \*California Saw Works (Saws & Machinery), 721 Brannan  
 \*California Tool Works (J. Weichhart, Prop.) (Machinists & Dies & Models, etc.), 181 Beale  
 †Central Iron Works, 631 Florida  
 \*Cereghino D. (Pumps, etc.), 4445 Mission  
 \*Christie Machine Works, 191 Fremont  
 \*Clot & Crist Mach. Co. (Steam & Power Pumps, etc.), 940 Bryant  
 †Coast Foundry Co., South  
 \*Columbia Machine Works (Machinists), 215 Spear  
 †Columbia Steel Co. (Open-Hearth Steel Castings), 503 Market.  
 Works: Pittsburg, Cal.  
 \*Compressed Air & General Machinery Co., 39 Stevenson  
 \*Conner & Hunt, 566 Folsom  
 \*Corliss Gas Engine Co. (Gasoline & Oil Engines), 440 Market  
 \*Cyclops Iron Works (Brewery Machinery, Engines, Ice & Refrigerating Machinery, Printing Presses, etc.), 837 Folsom  
 †David P. Co., 21st & Indiana  
 \*Davis Norris K. Machine Works, 7th & Harrison  
 \*§Day Thos. Co. (Brass Fdrs. & Finishers), 719 Mission  
 \*Doak Gas Engine Co., 503 Market  
 †Dow Pump & Diesel Engine Co. (Pumps, Hydraulic Machinery, etc.), 417 Market. Works: Alameda, Cal.  
 †Dundon's San Francisco Iron Works (Engines, Boilers, etc.), 225 Folsom  
 \*Dyer Bros. Golden West Iron Works (Bldrs. Iron Work), 17th & Kansas  
 †Enterprise Foundry Co., 320 Fremont  
 \*Evans C. H. & Co. (Engines, Pumps, etc.), 179 Fremont  
 Fair Mfg. Co., 617 Bryant  
 \*§Farrenkopf Chas. & Sons, 623 Minna  
 \*Franklin Machine Co. (Gas Engines), 126 Folsom  
 \*Galli Machine Works (Machinists), 429 Tehama  
 \*§Garratt W. T. & Co. (Brass & Bell Founders & Machinists), 299 Fremont  
 §Golden Gate Brass & Mfg. Co., Inc., 48 Tehama  
 †Golden State & Miners Iron Works (Engines & Mining Machinery), 249 1st  
 †Graham Jas. Mfg. Co. (Stove & Range Mfrs. & Light & Grey Iron Casting), 531 Mission  
 \*Gray J. A. Co. (Presses, Dies, Tools, etc.), 18th & Bryant  
 †Greenberg M. & Sons (Brass Foundry & Plating Works), 225 Beale



\*Griffitt's Machine Works, 22 Clementina  
 \*Haslehurst W. W., 2122 Folsom  
 \*†Hendy Joshua Iron Works (Mining Machinery), 75 Fremont  
 \*Hermann Safe Co. (Safes, etc.), 126 Folsom  
 \*Hicks Jas. L. (Gasoline Engines, Tools, etc.), 967 Howard  
 \*Hls John G. & Co. (Stoves, etc.), 839 Mission  
 \*Imperial Gas Engine Co. (Gas Engines), 60 Clementina  
 \*†Jackson P. H. & Co. (Arch's Iron & Steel Work, Sidewalk Lights, etc), 237 1st  
 \*Jenkins W. M. Machine Works, 18th & Treat av  
 \*Johnson Gear Co. (Cut Gears, Tools, etc.), 735 Folsom  
 \*Johnson S. T. Co. (Oil Pumps, etc.), 1334 Mission  
 \*†Judson Mfg. Co. (Machine & Bridge Work Castings), 819 Folsom  
 \*†Ker Lloyd Iron Works, 252 Spear  
 \*†Krenz Oscar Copper & Brass Works (Brewers Supplies, etc.), 431 Folsom  
 \*Krogh Mfg. Co. (Irrigating, Mining, Mill & Wine Making Machinery, etc), 147 Beale  
 \*†McCormick Bros. Iron Works, Main & Folsom  
 \*Main Street Iron Works (Wm. Deacon, Prop.) (Engines, etc.), 163 Main  
 \*Meese & Gottfried Co. (Engines, Power Transmitting, etc.), 660 Mission  
 \*†Mission Foundry & Stove Works (Stoves, etc.), Treat av & 19th  
 \*†Moore & Scott Iron Works (Boilers, etc), 678 2d  
 \*†Muir & Symon (Marine Iron Machine Works), 1015 Battery  
 \*Murray Bros. Machine Works, 233 Folsom  
 \*North Machine Co., 324 Main  
 \*†Ocean Shore Iron Works (Boilers, Tank, Structural Works), 550 8th  
 \*†Ohmen Engine Works (Steam Engines & Turbines), 17th & Capp  
 \*Orton Machine Co., 315 Fremont  
 \*Pacific Brass & Bronze Foundry, 528 Folsom  
 \*†Pacific Foundry Co. (Smelting Machinery, Foundries, etc.), 18th & Harrison  
 \*Pacific Gear & Tool Works (Cut Gears, etc.), 1035 Folsom  
 \*†Pacific Ship Yards & Ways Co., 24 California  
 \*†Pacific Structural Iron Works, 10th & Harrison  
 \*Pacific Tank & Pipe Co. (Mining Machinery), 318 Market  
 \*†Pelton Water Wheel Co. (Water Wheels for Power, etc.), 19th & Harrison  
 \*Price G. W. Pump & Engine Co., 33 Stevenson  
 \*†Ralston Iron Works (Builders' Iron Work & Castings), 20th & Indiana  
 \*†Rincon Foundry Co., 351 7th  
 \*Rix Compressed Air & Drill Co. (Rock Drills, Air Compressors, etc), 505 Howard  
 \*†Rudgear-Merle Co. (Brass & Iron Bedsteads, Art Metal Work & Castings), 193 Bay  
 \*Sanders Copper & Brass Works, 431 Folsom  
 \*San Francisco Brass Foundry, 48 Clementina  
 \*San Francisco Engng. Co. (Machinery), 322 6th  
 \*†San Francisco Iron Works, 45 Shotwell  
 \*†San Francisco Stove Works (Stoves, Ranges, Castings, etc), 260 Townsend  
 \*†Sartorius Co. (Arch'l Iron Works), 15th & Utah  
 \*Schilling Adam & Sons (Gas Engines), 211 Main  
 \*†Schradar Iron Works, 1249 Harrison  
 \*Snow & Galgiani, 537 2d  
 \*Specialty Machine Works, 72 2d  
 \*Speck Wm. (Gear Cutting, Laundry Machinery, etc.), 2132 Folsom  
 \*†Standard Gas Engine Co. (Gas Engines), 440 Market  
 \*†Standard Mfg. & Supply Co., Rhode Island & Alameda

†Steiger & Kerr Stove & Foundry Co. (Stoves, Mining Machinery, Bridge & Building Castings, etc), 221 Folsom  
 \*Thompson Bros., 625 Brannan  
 \*Todi & Peters, 322 Main  
 \*Toulouse & Delorieux (Machinists), 409 6th  
 \*Union Gas Engine Co. (Gas & Gasoline Engines), 24 California  
 \*†Union Iron Works Co. (Ship Builders, Brass & Iron Castings & Steam Engines), 20th & Michigan  
 \*Union Machine Co., 934 Brannan  
 \*†United Engineering Works (Ship Builders, Marine Engines, etc.), Clunie bldg  
 \*†United Iron Works (Centrifugals, Pumps & Mining Machinery, etc.)  
 \*†Van Emon Elevator Co. (Electric & Hydraulic Elevators), 54 Natoma  
 \*†Vulcan Iron Works (Engines, Ice & Refrigerating, Mining & Saw Mill Machinery), Francisco & Kearny  
 \*Welshons & Symon, 3648 18th  
 \*Western Brass Mfg. Co., 217 Tehama  
 \*Western Foundry, 5th & Folsom  
 \*†Western Iron Works (Fire & Burglar Proof Doors, Shutters, Bank Vaults, Fire Escapes, etc.), 141 Beale  
 \*Withington C. W. (Ornamental Iron Work), 416 2d  
 \*Witt G. E. Co. (Fuel Oil Burners), 862 Howard  
 SAN JOSE—\*†Anderson-Barngrover Mfg. Co. (Fruit Grading & Packing Machines)  
 \*†Bean Spray Pump Co.  
 \*†San Jose Foundry  
 \*†Wight & Lipe  
 SAN LEANDRO—\*Junior Monarch Hay Press Co. (Hay Presses, etc.)  
 SAN PEDRO—\*Hipple W. B.  
 SANTA BARBARA—\*†Western Machine & Foundry Co.  
 SANTA MARIA—\*Roemer & Roemer (Pipe Wrenches)  
 SELMA—\*Vincent M. (Agr'l Impls.)  
 SONORA—\*Curnow R. C.  
 \*Damas & Francis  
 STOCKTON—\*Geiger J.  
 \*Harris Mfg. Co. (Harvesters)  
 \*†Holt Mfg. Co. (Agricultural Implements, Traction Engines, etc.)  
 \*†Monarch Foundry Co.  
 \*†Samson Iron Works (Gas Engines, Irrigating Pumps, Castings, etc.)  
 \*Shaw H. C. Co. (Harrows & Plows)  
 \*†Sterling Iron Works  
 \*†Stockton Iron Works (Dredges, Engines, Castings, etc.)  
 SUTTER CREEK—\*†Knight & Co. (Water Wheels, Castings, etc.)  
 TERMINAL—\*Warner C. D.  
 TUOLUMNE—\*Holman F. C.  
 UPLAND—\*†Upland Foundry & Machinery Co.  
 VENTURA—\*†Ventura Mfg. & Implement Co. (Agr'l Impls., etc.)  
 VISALIA—\*†Coats J. R.  
 WOODLAND—†Faulkner D. A.

## COLORADO.

ASPEN—\*†Mellor Jos.  
 BLACK HAWK—\*†McFarlane & Co.  
 \*Stroehle Machinery & Supply Co.  
 BOULDER—\*†Develine Foundry  
 CANON CITY—\*†Canon City Foundry & Machine Co.  
 CENTRAL CITY—\*†McFarlane & Co. (Mining Machinery etc.)  
 COLORADO SPRINGS—\*Bumstead F. E.  
 \*†Hassell Iron Works Co. (Rock & Ore Crushers, Iron & Brass Castings, etc)  
 DENVER—\*Ajax Iron Works Co., 1709 Blake  
 \*Andersen Chas. M. (Tools), 1831 Blake  
 \*†Capitol Foundry Co.  
 \*Card C. S. Iron Works Co. (Mining Machy.)  
 \*Carnahan C. T. Mfg. Co. (Rock Drills, etc.)  
 \*†Clark's Foundry Co., 1327 Osage  
 \*Colorado Brass Foundry Co.  
 \*Colorado Concrete Mixer Co. (Concrete Mixers)  
 \*†Colorado Fuel & Iron Co. (Iron, Steel & Brass Castings, All Consumed by the Company; also Machines for Roll Turning, Repairs, etc.)

†Colorado Gray Iron Foundry Co. (Iron Castings, etc.)  
 \*†Colorado Iron Works Co. (Mining & Smelting Machinery, Iron Forgings, etc.), 33d & Wynkoop  
 \*Cox Thomas & Son  
 \*†Darr Cyanide Machinery Co.  
 \*†Davis F. M. Iron Works Co. (Mining & Power Transmitting)  
 \*Denver Brass Works Co. (Brass Founders & Finishers)  
 \*†Denver Engineering Works Co. (Mining Machinery, Iron Forgings, etc.)  
 \*†Denver Iron Works & Foundry Co. (Brass & Iron Castings)  
 \*Denver Rock Drill Mfg. Co. (Rock Drills, etc.)  
 \*Dillon-Box Iron Works Co. (Mining Machinery)  
 \*†Enz & Orr Foundry Co. (Iron Castings, etc.)  
 \*Fish A. E. & Co., 1932 Curtis  
 \*†Flint Electric & Mfg. Co., 1402 Delgany  
 \*Gair & Binderup  
 \*Gartman C. E. (Machinist), 1414 15th  
 \*†Griffin Wheel Co. (See Chicago, Ill.)  
 \*Havens Bros. Mfg. & Supply Co. (Pipes)  
 \*Hendrie & Bolthoff Mfg. & Supply Co. (Mining & Mill)  
 \*Hingley J. A. (Machinist)  
 \*McFarlane Manufacturing Co. (Mining Machy.)  
 \*McFarlane Peter & Sons Iron Works Co. (Mining & Milling Machinery, etc.)  
 \*†Maclear Mfg. & Supply Co.  
 \*†Mine & Smelter Supply Co. (Mining Mach'y & Castings)  
 \*†Mountain Iron Works Co.  
 \*Nock & Garside Elevator Co. (Elevators, etc), 1844 Wazee  
 \*†Pioneer Iron & Wire Works Co.  
 \*†Plattner Implement Co. (Rakes, Harrows, etc.)  
 \*†Queen City Brass Works  
 \*†Queen City Foundry Co., 4th & Wazee  
 \*Sachs-Lawlor Machine & Mfg. Co., 1543 Lorimer  
 \*Scott Supply & Machinery Co. (Machinists)  
 \*Shaw C. H. Pneumatic Tool Co. (Pneumatic Tools), Wazee cor 35th  
 \*†Slack-Horner Brass Mfg. Co. (Brass, Copper, Gold, Nickel, Silver, etc.)  
 \*†Stearns-Roger Mfg. Co. (Mining & Sugar Machy., Brass & Grey Iron Casting, etc.)  
 \*Truax Mfg. Co. (Steel Ore & Service Cars)  
 \*Vulcan Iron Works Co.  
 \*†Walker Mfg. Co. (Mining & Power Transmitting Machinery)  
 \*Western Brass Works Co.  
 \*†Western Iron Foundry Co., 1320 Wazee  
 DURANGO—\*†Ball John R Foundry & Machine Works  
 \*†Vulcan Foundry Co.  
 GREELEY—\*Brown Peter (Potato Harvesting & Sorting Machinery)  
 LEADVILLE—\*†Engelbach Mach. Mfg. Co.  
 \*†McCarty & Moore  
 LITTLETON—†Leyner J. Geo. Engineering Works Co. (Compressors, Rock Drills, Pneumatic Tools, etc.)  
 MONTE VISTA—\*Elliott D. J.  
 PUEBLO—\*†Colorado Fuel & Iron Co. (See Denver, Colo.)  
 \*Hochenauer Joseph  
 \*†Ortner Geo. J. (Brass Fdry., etc.)  
 \*†Pueblo Brass & Iron Foundry (Iron & Brass Fdrs., etc.)  
 \*†Pueblo Foundry & Mach. Co.  
 \*†Stearns-Rogers Mfg. Co. (Mining Machinery)  
 ROCKY FORD—\*†Goodner Pump & Mfg. Co.  
 TELLURIDE—\*†Sackett E. H.  
 TRINIDAD—\*Hawkins & Barnett Machine Co.  
 \*†Trinidad Fdry. & Machine Works

## CONNECTICUT.

ANSONIA—\*Ansonia Electrical Co. (Electrical Specialties)  
 \*Ansonia Mfg. Co. (Brass Goods)  
 \*Cameron Electric Mfg. Co. (Electrical Specialties)  
 \*Cook H. C. Co. (Special Machinery & Brass Novelties), 100 Jewett



\*Farrel Foundry & Machine Co. (Paper & Pulp Mill, Rolling Mill, Rubber, Stone Sawing, Veneer Cutting, Wire Insulating, Wire Straightening & Cutting Machinery, etc.)  
 †Phelps H. D. (Brass Foundry)  
**BANTAM**—\*Bantam Anti-Friction Co. (Ball & Roller Bearing, Motors & Motor Vehicles, etc.)  
**BEACON FALLS**—\*Bronson Homer D. Co. (Brass Hinges)  
**BRANCHVILLE**—\*Gruman Ice Tool Wks., Inc. (Ice Tools, etc.)  
**BRANFORD**—†Hammer & Co. (Malleable Iron Castings & Hdwe. Specialties, etc.)  
 \*Malleable Iron Fittings Co. (Malleable Iron Pipe Fittings & Semi-Steel & Steel Castings)  
**BRIDGEPORT**—\*Acme Oil Engine Co. (Oil Engines)  
 \*Acme Shear Co. (Shears)  
 \*Adams A. L. (Corset Machinery)  
 †American Chain Co.  
 †American Graphophone Co.  
 \*American Tube & Stamping Co. (Sheet Metal Goods, etc.)  
 \*American & British Mfg. Co. (Corliss Engines, Driving Wheels, etc.) (See Providence, R. I.)  
 \*Anderson Die Machine Co. (Die Forming & Nozzling also Tapping Machines)  
**ARMSTRONG MFG. CO.** ("Armstrong," Pipe Cutting & Threading Machines, etc.), 278 Knowlton  
*See adv index at end of book*  
 \*Artistic Bronze Co. (Hardware, etc.)  
 \*Ashcroft Mfg. Co. (Steam Gauges, etc.)  
 \*Atlas Shear Co. (Shears, etc.)  
 †Automatic Machine Co. (Automatic & Special Machinery)  
 \*Baird Machine Co. (Safety Toilet & Badge Pin Machinery)  
 \*Belknap Mfg. Co. (Brass Fdrs. & Brass Goods for Steam, Gas & Water)  
 †Bilton Machine Tool Co. (The) (Slotting & Gear Cutting Machines, etc.)  
 \*Black Rock Machine Co. (Marine Engines, etc.)  
 \*Bradley H. C. (Wood Turning Machinery, etc.)  
 \*Breul Fred G. (Punch & Die Work Machinery, etc.)  
 \*Bridgeport Brass Co. (Brass Tubing, Lamps, etc.)  
 \*Bridgeport Chain Co. (Chains, etc.)  
 †Bridgeport Deox Bronze & Metal Co. (Deoxidized Bronze Ordnance, Comp. Castings, etc.)  
 \*Bridgeport Electric Mfg. Co. (Water Heaters)  
 †Bridgeport Malleable Iron Works (Malleable & Grey Iron Castings)  
 \*Bridgeport Motor Co. (Gasoline Motors, etc.)  
 \*Bridgeport Safety Emery Wheel Co. (Emery Wheel Machinery)  
 \*Bryant Electric Co. (Electrical Specialties)  
 \*Bullard Machine Tool Co. (Machine Tools, etc.)  
 \*Burns & Bassick Co. (Brass & Bronze Castings & Furniture Trimmings)  
 \*Coe-Stapley Mfg. Co. (Auto Parts & Fittings)  
 \*Connecticut Clasp Co. (Clasps, etc.)  
 \*Consolidated Safety Valve Co.  
 †Coulter & McKenzie Machine Co. (Rivet & Spring Machy., Presses, Punches, Shears, Drop Hammers, etc.)  
 \*Crane Valve Co. (Brass & Iron Valves, Fittings, etc.)  
 \*Curtis & Curtis Co. (Pipe Cutting & Threading Machines, Stocks & Dies, etc.)  
 \*Delcampe Welding Co. (Welding Machinery)  
 †Eastern Malleable Iron Co.  
 \*Elliott-Cornwall Mfg. Co. (Inc.) (Special Tools)  
 †Ellsworth Brass Foundry Co.  
 \*Farist Steel Co. (Steel Car Springs, Railroad & Machy. Forgings)  
 \*Fray Jno. S. & Co. (Ratchet & Drill Braces & Tool Sets)  
 \*Gaynor Mfg. Co. (Brass Novelties)  
 \*Grant Mfg. & Machine Co. (Riveting Machines & Tool Post Grinders, etc.)

\*Hall C. W. Carriage Co.  
 †Hamilton Jno. Brass Works (Brass Fdry & Finisher, Plumbers' Brass Goods)  
 \*Hatheway Mfg. Co. (Metal Goods & Dies)  
 \*Hawthorne Mfg. Co. (Talking Machine Supplies, etc.)  
 \*Hubbell Harvey (Inc.) (Screw Slotting & Riveting Machines)  
 \*Jennings Bros. Mfg. Co.  
 \*Lake Torpedo Boat Co. (Submarine Torpedo Boats)  
 \*Lindstrom Die, Tool & Gauge Wks. (Inc.) (Special Machinery & Tools)  
 \*Locke Steel Belt Co.  
 †Manufacturers' Iron Foundry  
 \*Model Tool & Gauge Co. (Special Machinery & Tools)  
 †Monumental Bronze Co. (Bronze Monuments, etc.)  
 \*Nilson A. H. Machine Co. (Special Automatic Machinery, etc.)  
 †Parsons Foundry Co. (Gray Iron Castings, etc.)  
 †Pequonnock Foundry (Gray Iron Castings, etc.)  
 \*Perkins Electric Switch Mfg. Co. (Electrical Supplies)  
 \*Ready Tool Co. (Lathe Tools)  
 \*Reliable Machine Co.  
 \*Royal Equipment Co. (Auto Brakes, etc.)  
 \*Sanford David C. Co.  
 \*Sandford F. C. Mfg. Co. (Welding Machines, etc.)  
 \*Singer Mfg. Co. (Sewing Machines, etc.)  
 \*Special Machinery Co. (Automobile Machinery, etc.)  
 \*Sprague Meter Co. (Gas Meters, etc.)  
 \*Spring Perch Co. (Springs, etc.)  
 \*Springfield Mfg. Co. (Emery Wheel Machinery)  
 †Standard Coupler Co. (Car Couplers & Steel Platforms, etc.) (See New York)  
 \*Standard Oil Engine Co. (Gas Engines, etc.)  
 †Stanley Bronze Co. (Brass, Bronze & Copper Castings)  
 \*Trumbull F. S. (Special Tools)  
 \*Union Metallic Cartridge Co.  
 \*Weidlich Bros. Mfg. Co. (Metal Goods & Novelties)  
 \*White Mfg. Co. (Carriage Lamps & Mountings, etc.)  
 \*Wolverine Motor Works (Marine Engines, etc.)  
**BRISTOL**—\*Barnes The Wallace Co. ("Barnes-Made," Steel Springs, etc.) *See adv index at end of book*  
 \*Bristol Brass Co. (Brass Mfrs. & Brass Castings, etc.)  
 \*Bristol & Plainville Tramway Co.  
 †Clayton Bros. (Shears, Light Hdwe., etc.)  
 \*Dunbar Bros. Co. (Cock Springs, etc.)  
 \*Garrigus C. G. Machine Co. (Grinders, etc.)  
 \*Horton Mfg. Co. (Steel Fish Rods, etc.)  
 \*Ingraham E. Co. (Clock Mfrs.)  
 \*Ladd W. C. (Clocks, Bells & Light Hdw.)  
 \*New Departure Mfg. Co. (Bell Founders & Mfrs.)  
*See adv index at end of book*  
 \*Root Chas. J. Co. (Registering Machines, Wrought Brass Hinges, etc.)  
 †Sessions Foundry Co. (Grey Iron Castings)  
 \*Snyder L. H. & Co. (Floor & Ceiling Plates)  
 \*Thompson H. C. Clock Co. (Clock Movements)  
 \*Turner & Deegan (Bit Braces, etc.)  
**BROOKFIELD**—\*Lenox Shear Co. (Shears, etc.)  
**CENTERBROOK**—\*Connecticut Valley Mfg. Co. (Bits)  
**CHESTER**—\*Deuse J. S. (Gimlets, etc.)  
 \*Jennings Russell Mfg. Co. (Augers, Bits, etc.)  
**COLLINSVILLE**—†Collins Co. (Pows, Tools, etc.)  
**COSCOB**—†Oarr H. J. & Son (Iron Castings, etc.)  
 \*Palmer Bros. (Gasoline Motors, etc.)  
**CROMWELL**—†Stevens J. & E. Co. (Toys, Hardware, etc.)  
 \*Warner Hammer Co. (Hammers, etc.)

**DANBURY**—\*Boesch Mfg. Co. (Tools, etc.)  
 \*Doran Bros. (Hatters' Machinery)  
 \*Heim Machine Co. (Hattings Machy.)  
 †Henebry Thos. F. (Brass Foundry)  
 \*Morlock Machine Works (Hatters Machy.)  
 \*New Machine Co. (Machinists)  
 \*Russell Electric Co. (Electrical Goods)  
 †Turner Machine Co. (Hat Machy.)  
**DANIELSON**—\*Bradford Thos.  
**DERBY**—†Birmingham Iron Foundry (Rubber Mill & Rolling Mill Machinery, Iron & Semi-Steel Castings, etc.)  
 \*Dairy Machinery & Construction Co.  
 †General Ordnance Co.  
 \*Graham Mfg. Co. (Hdw. & Locksmiths' Supplies)  
 \*O. K. Tool Holder Co. (Tool Holders & Lathe & Planer Tools, etc.), Shelton  
 \*Star Pin Co. (Pins, etc.), Shelton  
 †Whitlock Printing Press Mfg. Co. (Printing Presses), Shelton  
**EAST HAMPTON**—†Bevin Bros. Mfg. Co. (Bell Fdrs. & Mfrs.)  
 \*Brown H. B. Co. (Bolt & Nut Mch.)  
 \*Climax Mfg. Co. (Bell Fdrs.)  
 †East Hampton Bell Co. (Bell Fdrs. & Mfrs.)  
 †Gong Bell Mfg. Co. (Bell Fdrs. & Mfrs.)  
 †Hill N. N. Brass Co. (Bell Fdrs. & Bell Mfrs.)  
 †Starr Bros. Bell Co. (Bells, Gongs, etc.)  
**ESSEX**—\*Hayden L. S.  
**FAIRFIELD**—\*Aluminum Castings Co.  
**FARMINGTON**—\*Wallace N. (Lightning Rods)  
**FORESTVILLE**—\*National Marine Lamp Co.  
 \*Sessions Clock Co. (Clocks, etc.)  
**GEORGETOWN**—†Gilbert & Bennett Mfg. Co. (Wire Goods, etc.)  
**GROTON**—†New London Ship & Engine Co.  
**GUILFORD**—\*SPENCER'S I. S. SONS (INC.) (Grey Iron Castings, etc.)  
**HARTFORD**—Automatic Refrigerating Co. (Refrigerating Machines)  
 \*Billings & Spencer Co. (Machinists' Tools, etc.)  
 †Blake Edwin J. (Brass, Aluminum, Phosphor & Manganese Bronze Castings, etc.)  
 †Capewell Horse Nail Co. (Horse Nails)  
 †Capitol Foundry Co.  
 \*Clark E. R. Co. (Air Motors, etc.)  
 \*Clark Edred W. (Rubber Machy.)  
 \*Colt's Patent Firearms Mfg. Co.  
 †Conway J. W.  
 \*Cook Asa S. Co. (Wood Screw Machinery, etc.)  
 \*Cooley & Trevor Mfg. Co. (Envelope Machy., etc.)  
 †Craig Jno. M.  
 \*Cushman Chuck Co. (Lathe & Drill Chucks, etc.)  
 \*Davis I. B. & Son (Steam Heaters, Pumps, etc.)  
 \*Evarts Machine Co. (Gas & Gasoline Engines, etc.)  
 \*Gray & Prior Machine Co. (Universal Joints, etc.)  
 \*HART MFG. CO., 231 Hamilton (Electric Switches, etc.)  
*See adv index at end of book*  
 \*Hart & Hegeman Mfg. Co. (Electric Switches, etc.)  
 \*Hartford Machine Screw Co. (Automatic Screw Machinery, etc.)  
 \*Hartford Special Machinery Co. (Special Machy. & Contract Work)  
 \*Henry & Wright Mfg. Co. (Machine Tools)  
 \*Howard Jas. L. & Co. (Brass Founders & Finishers, Plating, Polishing, Lacquered, etc.)  
 \*Jacobs Mfg. Co. (Drills, Chucks), 894 Park. *See adv index at end of book*  
 \*Johns-Pratt Co. (Electrical Goods, etc.)  
 \*Johnson Carlyle Machine Co.  
 †Laragy P. (Gray Iron Castings)  
 \*Law F. A. Machine Co. (Marine, Stationary & Automobile Engines)  
 \*Lee H. K. (General Machine Work)  
 \*Lepper Chas. H. (General Machine Work)  
 \*Merrow Machine Co. (Sewing Machines, etc.)  
 \*Mutual Machine Co. (Universal Joints, etc.)



\*National Machine Co. (Machine Tools & Printing Presses)  
 Noble & Westerbrook Mfg. Co. (Grinders, Buffing & Polishing Lathes, Marking Machines, etc.)  
*See adv index at end of book*  
 \*Organ Power Co. (Organ Motors, etc.)  
 \*Phoenix Mfg. Co. (Centering Machines)  
 \*Pickering W. H. & Co. (Eng. & Machinists)  
 \*Post & Lester Co. (Auto Supplies)  
 \*Pratt & Cady Co. (Hydrants, Valves, etc.)  
 \*Pratt & Whitney Co. (Machine Tools & Small Tools, etc.)  
 \*Quint A. D. (Machine Tools, etc.)  
 \*Rhodes L. E.  
 \*Rhodes Mfg. Co. (Shaping & Slotting Machines)  
*See adv index at end of book*  
 \*Royal Typewriter Co. (See New York), New Park av  
 \*Sigourney Tool Co. (Drill Presses, etc.)  
 \*Smyth Mfg. Co. (Bookbinders' Machinery)  
 \*Standard Foundry Co. (Aluminum & Bronze Castings)  
 \*Sterling Blower Co. (Blowers, Fans, etc.)  
 \*Taylor Mfg. Co. (Lathe & Planer Tools)  
 \*Taylor & Fenn Co. (Machine Tools, Drills, etc.)  
 \*Terry Steam Turbine Co.  
 \*Townsend H. P. Mfg. Co.  
 \*Tucker W. B. & C. F. (Oil Hole Covers & Cups, etc.), 516 Asylum  
*See adv index at end of book*  
 \*Underwood Typewriter Co.  
 \*Vanderbeek A. (Machine Tools, etc.)  
 \*Veeder Mfg. Co. (Cyclometers, Counters & Die Castings)  
 \*Whitlock Coil Pipe Co. (Pipe Benders, Brass & Sheet Metal Work)  
 \*Whitney Mfg. Co. (Machine Tools, etc.)  
 HIGGANUM—\*†Cutaway Harrow Co. (Harrows, etc.)  
 \*Scoville D. & H. (Planters, Hoes, etc.)  
 HIGHLAND PARK—\*Case A. W. & Son  
 IVORYTON—\*Behrens & Bushnell (Machinists)  
 LIME ROCK—\*†Barnum-Richardson Co. (Car Wheels, Castings, etc.)  
 MANCHESTER—\*Johnson Carlyle Machine Co. (Friction Clutches, etc.)  
 \*Lydall H. & Foulds (Machine Needles, etc.)  
 \*Norton Elec. Instrument Co. (Elec. Instruments, etc.)  
 MERIDEN—\*†Bradley & Hubbard Mfg. Co. (Bronze Goods, etc.)  
 \*Browne & Dowd Mfg. Co. (Can Openers, etc.)  
 \*††Foster, Merriam & Co. (Cabinet Hardware, Brass Fdrs., etc.)  
 \*†Handel Co. (Lamps)  
 \*Jennings & Griffin (Edge Tools)  
 \*Kelsey Press Co. (Printing Presses, etc.)  
 \*Manning, Bowman & Co. (Bottlers' Machinery, etc.)  
 †Meriden Fire Arms Co. (Firearms, etc.)  
 \*Meriden Machine Tool Co. (Lathes & Screw Machines)  
 \*Meriden Press & Drop Co. (Power Presses, Drop Hammers, Dies & Tools)  
 \*†Miller Edw. & Co. (Brass Fdrs. Lamps, etc.)  
 \*Parker Bros. (Guns, etc.)  
 \*†Parker Chas. Co. (Vises, Coffee Mills, etc.)  
 \*Parker Clock Co.  
 \*†Schenck M. B. Co. (Casters & Iron Fdrs.)  
 \*Wheeler Frank & Son  
 \*Wusterbarth Bros.  
 MIDDLEFIELD—\*†Lyman Gun Sight Corporation (Gun Sights, etc.)  
 MIDDLETOWN—\*†Douglas W. & B. (Pumps, Garden Engines, etc.)  
 \*Frisbie Motor Co. (Marine Engines)  
 \*†Hubbard Motor Co. (Gasoline Motors)  
 \*†Kirby Mfg. Co. (Bells, Toys, etc.)  
 \*New England Enameling Co.  
 \*Noiseless Typewriter Co. (Main Office)

\*†Wilcox, Crittenden & Co. (Marine & Awning Hdw. & Grey & Malleable Iron & Brass Castings)  
 MILFORD—\*†Rostand Mfg. Co. (Racks, Brass Goods, etc.)  
 MOODUS—\*Brockway & Meckensturm Machine Co. (Cotton Machy.)  
 MOUNT CARMEL—\*†Woodruff Walter W. & Sons Co. (Brass Fdrs., etc.)  
 MYSTIC—\*†Lathrop J. W. Co. (Gas Motors)  
 \*†Standard Machinery Co. (Bookbinders' Machy.)  
 NAUGATUCK—\*†Eastern Malleable Iron Co. (Malleable Iron & Semi-Steel Castings, etc.)  
 \*Risdon Tool & Machine Co.  
 \*†Russell J. M. Mfg. Co. (Plumbers Supplies)  
 NEW BRITAIN—\*†Beaton & Cadwell Mfg. Co. (Ceiling Plates, Plumbers' Supplies, etc.)  
 \*†Corbin Cabinet Lock Co. (division of Am. Hardware Corp'n.) (Locks, etc.)  
 \*†Flannery P. J. Co. (Plumbers' Brass Goods)  
 \*†Humason & Beckley Mfg. Co. (Brass & Iron Fdrs.)  
 \*Kinne W. A. (Brass Fdry.)  
 \*†Landers, Frary & Clark (Brass & Iron Fdrs., etc.)  
 \*†Malleable Iron Works (Malleable & Grey Iron Castings)  
 \*National Spring Bed Co. (Spring Beds)  
 \*New Britain Machine Co. (Automatic Chucking & Screw Machines, Woodworking Machinery, etc.), 190 Chestnut  
 \*New Britain Mfg. Co. (Machinists)  
 \*†North & Judd Mfg. Co. (Brass, Bronze & Malleable Castings, etc.)  
 \*Osborne George H.  
 \*Skinner Chuck Co. (Chucks, etc.)  
 \*Stanley Rule & Level Co. (Planes, Try Squares, Gauges, etc.)  
 \*STANLEY WORKS  
*See adv index at end of book*  
 \*Traut & Hine Mfg. Co. (Patent Novelties)  
 \*†Union Mfg. Co. (Drill & Lathe Chucks, Light Grey Iron Castings, etc.)  
 †Vulcan Iron Works of Eastern Malleable Iron Co. (Malleable & Grey Iron Castings, etc.)  
 NEW HAVEN—†Adlerhurst Iron Co. (Architectural)  
 \*Barnes Tool Co. (Pipe Cutters, Wrenches, etc.)  
 \*Barnum S. H. (Iron Fdrs., Grey Iron Castings, etc.)  
 \*Belden Machine Co. (Dies & Models, Tools, etc.)  
 \*Bigelow Co. (Special Heavy Machinery, etc.)  
 \*Bishop W. S. (Electroplating Machinery, etc.)  
 \*Brooks Chas. J. (Wire Covering & Special Machinery)  
 \*Brown R. H. & Co. (Chucks & Machy.)  
 \*Burgess Machine Co. (Special Machy., Dies, Box Nailing & Trimming Machy., etc.)  
 \*Byers Mfg. Co.  
 \*Central Brass Co.  
 \*Colonial Brass Co.  
 Driggs Mfg. Corp. (Engine Lathes, Motors, etc.)  
 \*†Eastern Machinery Co. (Brick Machinery, Elevators, Friction Clutches, etc.)  
 \*Ely C. Upham  
 \*†English & Mersick Co. (Coach Lamps & Trimmings, etc.)  
 †Fitch W. & E. T. Co. (Sash Locks, Malleable Iron Castings, etc.)  
 \*†Foskett & Bishop Co. (Steam Traps & Steam Specialties, etc.)  
 \*Fritzell Oscar Co.  
 \*†Fuller Mfg. Co. (Printers & Bookbinders' Machy., etc.)  
 \*Geometric Tool Co. (Special Machy., Screw Cutting, Die Heads, Hollow Milling Tools, etc.)  
 \*Graham Jas. & Co. (Brass Fdrs.)  
 \*Grist Mfg. Co. (Sewing Machine Attachments, etc.)  
 \*Griswold Geo. M. Machine Co. (Paper Box Machy., Dies, Tools, etc.)  
 \*Hemming Bros. Co. (Automatic Polishing & Grinding Machy.)  
 \*†Hendryx Andrew B. Co. (Brass & Bronze Fdrs.)

\*Herrick & Cowell (Paper Box Hardware, Electrotypes & Special Machinery)  
 \*Hoggson & Pettis Mfg. Co. (Chucks, Dies, Tools & Special Machinery, etc.)  
 \*†Ives H. B. Co. (Brass & Bronze Fdrs.)  
 \*†McLagon Foundry Co. (Machine Molded Furnace & Machy. Castings, Pulleys, etc.)  
 \*†Marlin Fire Arms Corp. (Rifles, Guns, etc.)  
 \*Miner & Peck Mfg. Co. (Drop Presses & Drop Hammers, etc.)  
 \*New Haven Carriage Co. (Automobile Bldrs.)  
 \*New Haven Clock Co. (Clock Movements, etc.)  
 \*†North O. B. & Co. (Malleable Iron Fdrs.)  
 \*Ochsner A. & Son (Carriage Locks & Specialties)  
 \*Oven Equipment & Mfg. Co.  
 \*†Peck Bros. & Co. (Brass Fdrs. & Plumbers' Brass Goods & Supplies)  
 \*Peck John L. & Co.  
 \*Progressive Tool Equipment Co. (Inc.) (Tools, Dies & Small Automatic Machinery), 342 York  
 \*Rattan Mfg. Co.  
 \*†Recording Register & Fare Box Co. (Ry. Specialties, etc.)  
 \*†Reynolds Jas. Mfg. Co. (Sand Molding Machines & Brass Fdrs.)  
 \*Rowland Machine Co. (Steam Engines)  
 \*Schollhorn Wm. Co. (Pliers, Nippers, Punches, etc.)  
 \*Scranton & Co.  
 \*SHUSTER F. B. CO. (Wire Straightening & Cutting Machines), Cedar Hills *See adv index at end of book*  
 \*Snow & Petrelli Mfg. Co. (Yacht Cann. Marine Reversing Gears, etc.)  
 †Stannard Iron Foundry  
 \*Thompson H. G. & Son Co. (Tool Holders, Hack Saws, etc.)  
 \*Twiss Nelson W. (Steam Engines, etc.)  
 \*†Warner G. F. Mfg. Co. (Grey Iron Castings, etc.)  
 \*White Adding Machine Co. (Adding Machines)  
 \*Winchester Repeating Arms Co. (Rifles, Guns, etc.)  
 \*Wirth John D. (Special Machinery & Tools)  
 NEW LONDON—\*Babcock Printing Press Mfg. Co. (Printing Presses, etc.)  
 \*†Brown Cotton Gin Co. (Cotton Gins, etc.)  
 \*Connecticut Turbine Mfg. Co. (Steam Turbines)  
 \*†Hopson & Chapin Mfg. Co. (Heating Apparatus, Grey Iron Castings, etc.)  
 \*Lapointe J. N. Co. (Broaching Machines)  
 \*†New London Marine & Iron Works (Fdrs., Machinists, Marine Railway)  
 \*New London Motor Co. (Motors, etc.)  
 \*New London Vise Works (Vises, etc.)  
 \*Thames Tow Boat Co.  
 \*†WHITON D. E. MFG. CO. (Machine Tools, etc., Lathes & Drill Chucks) *See adv index at end of book*  
 NEW MILFORD—\*Arcade Machine Wks.  
 \*†New Milford Foundry & Machine Co.  
 NORTH WINDHAM—\*Hartson L. M. Co.  
 NORWALK—\*†Arnold Co. (Textile Machinery)  
 \*†Meekers Union Foundry Corp'n  
 NORWICH—\*Barber M. A. (Cork Cutting Machy.)  
 \*†Bard Union Co. (Unions, etc.)  
 \*Chelsea File Works (Files)  
 \*Crescent Fire Arms Co. (Shot Guns, etc.)  
 \*Gould Augustus  
 \*Hopkins & Allen Arms Co. (Fire Arms)  
 \*Lester & Wasley Co. (Envelope Machinery, etc.)  
 \*Norwich Nickel & Brass Co. (Display Fixtures)  
 \*Pequot Brass Foundry  
 \*†Tracy C. Oscar (Brass Fdr.)  
 †Vaughn Foundry Co. (Grey Iron Castings)  
 \*Warner Arms Corp'n. (Fire Arms)  
 \*†Young John T. Boiler Co.



**PLAINVILLE**—**§Carter E. T.** (Brass Foundry)  
**\*§Clark A. N. & Son** (Bicycle Sundries, Brass Castings to Order)  
**\*Clark Caster Co.** (Casters, etc.)  
**\*§Elm City Brass & Rivet Co.** (Brass Fireplace Furnishings, Brass Castings, etc.)  
**\*Hanson Bros.** (Screw Machine Products)  
**\*Hills Edwin** (Shovels, Axes, etc.)  
**\*§Osborne & Stephenson Mfg. Co.** (Brass Goods, etc.)  
**\*Trumbull Electric Mfg. Co.** (Electric Specialties)  
**PLANTSVILLE**—**\*Wood G. E. Tool Co.**  
**PORTLAND**—**\*Anderson Wrench Co.**  
**\*§Pickering Governor Co.** (Governors)  
**\*§Portland Specialty Mfg. Co.**  
**PUTNAM**—**\*§Putnam Fdry. & Mach. Co.** (Machine Tools)  
**ROCK FALL**—**\*Smith Otis A.** (Fire Arms, etc.)  
**ROCKVILLE**—**\*Murless H. B.**  
**ROCKY HILL**—**\*§Champion Mfg. Co.** (Grey Iron Castings, etc.)  
**ROXBURY**—**†Bronson W. & H.** (Plows, Castings, etc.)  
**SEYMOUR**—**\*§Church S. B.** (Windmills, etc.)  
**\*Matthews H. A. Mfg. Co.** (Bicycle Parts & Stove Trimmings)  
**§Rimmon Eyelet Co.**  
**†Seymour Iron Foundry** (Castings)  
**§Seymour Mfg. Co.**  
**†Seymour Metal Goods Co.** (Novelties)  
**\*Smith James M.** (Lathes, etc.)  
**\*Swan Jas. Co.** (Augers, Bits, Drawing Knives, etc.)  
**HELTON**—(See Derby)  
**SOUTH COVENTRY**—**\*Kingsbury & Davis** Machine Co. (See Machines, etc.)  
**SOUTHINGTON**—**\*§Peck, Stow & Wilcox** Co. (Tools, etc.)  
**SOUTH NORWALK**—**\*Le Count Wm. G.** (Lathe Dogs, etc.)  
**\*§Lockwood Mfg. Co.** (Hardware, Locks, etc.)  
**\*Miller Julius W.** (Machinist)  
**\*Nash Engineering Co.**  
**\*§NORWALK IRON WORKS CO.** "Norwalk" Air Compressors, Gas Compressors, etc.)  
*See adv index at end of book*  
**\*§Norwalk Lock Co.**  
**\*Robertson E. B.**  
**\*Scam S. & Son**  
**\*Specialty Mfg. Co.**  
**\*§Wheeler Bros.**  
**SOUTHPORT**—**\*Jelliff C. O. Mfg. Corp'n** (Harrows, etc.)  
**SOUTH WINDHAM**—**\*§Smith & Winchester Mfg. Co.** (Paper Bag Machinery)  
**STAMFORD**—**\*Blickensderfer Mfg. Co.** (Typewriters, etc.)  
**§Brown C.** (Brass Foundry)  
**§†Davenport John Co.** (Piano Plates)  
**\*Mianus Motor Works** (Marine & Gasoline Engines)  
**\*Muench Geo.** (Machinist)  
**\*Remington Oil Engine Co.**  
**\*Schickel Motor Co.** (Mortorcycles)  
**†Stamford Foundry Co.** (Stoves, etc.)  
**\*†Stamford Gas Stove Co.** (Stoves, Heaters, etc.)  
**\*Stamford Motor Co.** (Gasoline Engines)  
**\*§Yale & Towne Mfg. Co.** (See New York City)  
**STONINGTON**—**\*†Atwood Machine Co.** (Silk & Spool Cotton Machy)  
**\*§Miller's A. B. Sons**  
**STONY CREEK**—**\*Beach Oliver B.** (Gas Engines)  
**TERRYVILLE**—**\*§Eagle Lock Co.** (Locks, etc.)  
**†Terry Andrew Co.** (Malleable Iron Fdrs.)  
**THAMESVILLE**—(See Norwich)  
**THOMASTON**—**\*Thomas Seth Clock Co.** (Clocks, etc.)  
**THOMPSONVILLE**—**\*Bushnell G. H.** Press Co. (Presses, etc.)  
**\*§Westfield Plate Co.** (Coffin Trimmings, etc.)  
**TORRINGTON**—**\*Excelsior Needle Co.** (Wire Rod & Tube Pointing Machinery, etc.)  
*See adv index at end of book*  
**\*†Hendey Machine Co.** (Machine Tools, etc.)  
**\*National Sweeper Co.** (Carpet Sweepers)  
**\*Standard Co.** (Cycle Fittings)

**\*Torrington Mfg. Co.** (Brass & Copper Rolling Mill Machy., etc.)  
**\*†§Turner & Seymour Mfg. Co.** (Castings, etc.)  
**UNIONVILLE**—**\*Hogarty Edw.** (Harness Snaps & Saddlery Hardware)  
**\*Upson Nut Co.**  
**WALLINGFORD**—**\*Ives W. A. Mfg. Co.** (Bits, Augers, etc.)  
**WATERBURY**—**§American Brass Co.** *For branch offices see adv index at end of book*  
**§American Pin Co.** (Brass & Bronze Castings, Pins, etc.)  
**\*§American Ring Co.** (Rings, etc.)  
**†Apothecaries Hall Co.** (Nickel Anodes)  
**\*Atlas Machine Co.** (Screw Presses, etc.)  
**\*Benedict & Burnham, Branch** (Brass Mfrs.)  
**\*Blake & Johnson Co.** (Power & Foot Presses & Wire Forming Machinery, Cold Rolling Machy, Tool Grinders, etc.), 1500 Thomaston av  
**\*BRISTOL CO.** (Recording Instruments, etc.)  
*See adv index at end of book*  
**CHASE METAL WORKS** (Brass Mfrs.)  
**§CHASE ROLLING MILL CO.** (Brass Mfrs.)  
**§Connecticut Mfg. Co.** (Brass Castings, etc.)  
**\*Draher Jno.** (Power Presses, Rivet, Screw & Button Machy. Dies, etc.)  
**\*Electrical Appliance Mfg. Co.**  
**§French Manufg. Co.** (Brass Tubing)  
**\*Henderson Bros.** (Machinists & Tumbling Barrels)  
**\*Ludington Cigarette Machine Co.** (Cigarette & Tobacco Machinery)  
**†Manufacturers Foundry Co.** (Grey Iron & Brass Castings, Water Jacketed Cylinders, etc.)  
**\*Manville E. J. Machine Co.** (Power Presses, Wire Working, Rivet or Heading Machinery)  
**\*§Matthews & Willard Mfg. Co.** (See Scovill Mfg. Co.)  
**\*§Novelty Mfg. Co.** (Brass Goods)  
**\*Oakville Co.** (Wire & Metal Goods)  
**\*§Pilling Brass Co.**  
**§Platt Bros. & Co.** (Buttons, etc.)  
**\*Plume & Atwood Mfg. Co.** (Brass Goods, etc.)  
**§Randolph-Clowes Co.** (Brass Goods)  
**\*Robinson Tool Works** (Die Filling Machines, etc.)  
**\*†§Scovill Mfg. Co.** (Brass Goods Mfrs.) *See adv index at end of book*  
**\*§Smith & Griggs Mfg. Co.** (Brass & Metal Goods)  
**\*§Steele & Johnson Mfg. Co.** (Brass Castings, etc.)  
**§Waterbury Brass Goods Corp'n** (Brass)  
**†Waterbury Castings Co.**  
**\*§Waterbury Clock Co.** (Clock Mfrs.)  
**\*†§Waterbury Farrel Foundry & Machine Co.** (Drop, Power, Hydraulic & Foot Presses, Brass & Copper Rolling Mill Machy., etc.)  
**†Waterbury Foundry Co.** (Grey Iron Castings, Grate Bars, Floor Plates, etc.)  
**\*Waterbury Machine Co.**  
**\*§Waterbury Mfg. Co.** (Brass Goods)  
**\*Waterbury Tool Co.** (Small Tools)  
**\*Waterbury Wire Die Co.** (Dies, etc.)  
**WATERVILLE**—**\*§American Pin Co.** (See Waterbury)  
**§Berbecker & Rowland Mfg. Co.** (Brass Specialties, etc.)  
**\*Rowbottom Machine Co.** (Special Automatic Machy. of every description, Disc Grinders, etc.)  
**WEST MYSTIC**—**\*Holmes Motor Co.** (Gasoline Engines)  
**WEST STAFFORD**—**\*Bradway C. P.** Machine Works  
**WILLIMANTIC**—**\*†Vanderman Mfg. Co.** (Grey Iron Castings, etc.)  
**\*Willimantic Machine Co.** (Silk & Thread Machy., etc.)  
**WINDSOR LOCKS**—**\*Clark Geo. P. Co.** (Hand Trucks, Casters, etc.)  
*See adv index at end of book*  
**\*Windsor Locks Machine Co.** (Paper & Pulp Mill Machy.)  
**WINSTED**—**\*Carter & Hakes Machine Co.** (Machine Tools)  
**\*Gilbert Wm. L. Clock Co.** (Clocks, etc.)  
**\*Moore Franklin Co.** (Holsts, Cranes, etc.)

**\*Richards Benj. & Co.** (Upholsterers' Brass Goods)  
**\*Winsted Edge Tool Works** (Edge Tools, etc.)  
**\*Winsted Mfg. Co.** (Scythes)  
**YALESVILLE**—**†Parker Charles Co.**

## DELAWARE.

**DOVER**—**\*†Jones E. L. & Co.** (Machy.)  
**EAST WILMINGTON**—**\*†§HILLES & JONES CO.** (Machine Tools, etc.)  
*See adv index at end of book*  
**EDGE MOOR**—**\*Edge Moor Iron Co.**  
**LAUREL**—**\*Oldfield Jas. W.** (Machinist)  
**MILFORD**—**\*†Mathews L. J.**  
**NEW CASTLE**—**Baldt Steel Co.**  
**§Brylgon Steel Casting Co.** (Steel Castings, Crankshafts, etc.)  
**†Deemer Steel Casting Co.** (Steel Castings)  
**WILMINGTON**—**\*†American Car & Foundry Co.**, ft E 8th. (See St. Louis, Mo.)  
**\*Baker G. W. Machine Co.** (Leather Working Machinery), 218 French  
**\*†Betts Machine Co.** (Machine Tools, etc.), Maryland av & South  
**\*Christiana Machine Co.** (Jobbing), S. S. Market st Bridge  
**†Davis L. D.** (Iron Railings, etc.), 15th & French  
**\*§Delaware Marine Mfg. Co.**  
**\*Green Elevator Co.** (Elevators, etc.), 215 W Front  
**\*§Harlan & Hollingsworth Corp'n** (Steel Ships, Marine Engines, Car Buildings, etc.), ft West  
**\*Henderer E. & Co.** (Pipe Vises)  
**\*Henderer's A. L. Sons**, Maryland av & Beach  
**\*Hickman Franklin P.**, 112 West  
**\*Jones & Schumacher** (Gasoline Engines), 1100 West  
**\*Layman A. C. Machine Co.** (Leather Working Machinery), 11th & Lombard  
**\*†Lobdell Car Wheel Co.** (Car Wheels & Chilled Rolls, etc.), G. nr Christiana  
**\*Modern Machinery Co.** (Special Machinery, Repairs, etc.)  
**\*National Machine Co.** (Fibre & Special Machinery), 507 Orange  
**\*†§Pusey & Jones Co.** (Iron & Brass Fdrs., Engines, Paper Mill Machinery, Steel Steamboats, etc.), ft Poplar  
**\*§Remington Machine Co.** (Brass Fdrs. & Ice Machines), 411 E Front  
**\*SHAW BENJ. F. CO.**, 501 E 2d (Iron & Steel Plate Work & High Pressure Piping)  
*See adv index at end of book*  
**\*Slocomb F. F. & Co.** (Leather Working Machy. & Pneumatic Tools, etc.), 14th & Poplar  
**\*§Speakman Supply & Pipe Co.** (Plumbers' Brass Goods), 30th & Spruce  
**\*Standard Arms Mfg. Co.** (Guns & Rifles)  
**\*Sugar Apparatus Mfg. Co.** (Sugar Machinery)  
**\*Trump Bros. Machine Co.** (Textile Machinery, etc.), Beech & Anchorage  
**\*Walker & Elliott** (Phosphate Mill & Machinists), 2d & Lombard  
**\*†§Wilmington Malleable Iron Works** of Eastern Malleable Iron Co.

## DISTRICT OF COLUMBIA.

**TWINING**—**\*†Columbian Iron Works**  
**WASHINGTON**—**†Alexandria Iron Works**, Evans bldg  
**†Briscoe W. D.** 15th & Ohio av  
**\*Carl Frederick** (Insts. & Model Maker), 623 H  
**\*Catlin E. H. & Co.**, 309 13th, N W  
**\*†Cragg H. C. Mfg. Co.**, 228 K. S W  
**\*Doremus Machine Co.** (Machinists), 302 13th, N W  
**†§Douglas W. H.**, 1210 E. N W  
**§Ennis Geo. T. & Son**, 329 C. N W  
**\*Farrow Arms Co.**, 210 2d, N W  
**\*†§Firth-Sterling Steel Co.** (Ordnance Works, Giesboro Point)  
**\*Forsberg Gustave W.** (Machinist), 8th & Water, S W  
**†Cichner Fred S.** (Iron Foundry), 1214 D, N W  
**\*Hurley Jno. E.** (Machinist), 1219 Ohio av



†Jorss A. Fred (Iron Fdry. & Builders' Iron Works), 315 13th, N W  
 \*§National Electrical Supply Co., 1320 N. Y. av  
 †Schneider's C. A. Sons (Fdrs. & Machinists), 212 12th  
 †Springman's J. T. Sons, 904 7th, S. W  
 \*Tabulating Machine Co., 1054 31st, N W  
 †White Chas. & Co., 418 O, S W  
 †White Fred J., 462 Main av, S W

## FLORIDA.

ARCHER—†§Maddox Foundry & Machine Co.  
 DADE CITY—\*Talley J. M.  
 FORT MYERS—\*Raymond A. E. & Co.  
 GAINESVILLE—\*§Gainesville Foundry & Machine Works  
 JACKSONVILLE—\*Barker-Cardy Machine Co.  
 \*Campbell J. P. (Orange Packing Machinery)  
 \*Christopher John G. Co.  
 †§Florida Machine Works (Brass & Iron Castings & Machine Works)  
 \*Gibbs Gas Engine Co. of Florida (Gas Engines)  
 \*Kittel Bros. (Gas Engines)  
 †Merrill-Stevens Co. (Ship Builders)  
 †§Murphy Timothy Iron Works (Brass & Iron Castings & Machine Work)  
 \*National Boat & Engine Co. (Gas Engines, etc.)  
 \*Vulcan Iron Works  
 LAKE CITY—\*Johnson Lott W.  
 LAKE LAND—\*Jones Wm.  
 MIAMI—†§Lyne C. H. (Brass & Iron Castings & Machine Work)  
 \*Miami Garage  
 \*Perry C. H. (Gas Engines, etc.)  
 MULBERRY—†§Mulberry Foundry & Machinery Co.  
 NEWBERRY—\*Newberry Machine & Motor Co.  
 Ocala—\*Ocala Gas Co. (Gas Engines & Garage)  
 †§Ocala Iron Works (Saw Mill & Phosphate Machy., etc.)  
 ORLANDO—†§South Florida Fdry. & Mach. Works (Brass & Iron Castings, etc.)  
 PALATKA—\*Hanley R. H.  
 †§Stanton Foundry & Machine Co. (Brass & Iron Castings, etc.)  
 PENSACOLA—†§Gulf Machine Works  
 \*Pensacola Gas Engine & Supply Co.  
 PLANT CITY—†§Plant City Foundry, Machine & Boiler Works (Grey Iron & Brass Castings & Machine Works)  
 PUNTA GORDA—\*Hewitt Bros. (Machinists & Garage)  
 TALLAHASSEE—†§Tallahassee Iron Works (Brass & Iron Castings, etc.)  
 TAMPA—\*Capers Wm. (Machine Repairs)  
 †§Gulf Iron Works  
 †§Tampa Foundry & Machine Co. (Brass & Iron Castings & Machine Work)  
 †§Tampa Steam Ways Co. (Ship Builders & Iron Founders)  
 TARPON SPRINGS—\*Kaminis Arthur  
 \*Scott H. E.  
 WEST PALM BEACH—\*Fowler Geo. W. Co.

## GEORGIA.

ALBANY—\*Georgia Car & Locomotive Co. (Rebuilders)  
 \*Southern Machine Works  
 AMERICUS—\*Americus Machine Shops  
 \*Sawyer, W. H. & Sons Co.  
 ATHENS—†§Athens Foundry & Machine Works  
 \*Umbach F. G. (Harrows, etc.)  
 ATLANTA—\*Amer. Machinery Co. (Special Machinery)  
 †§Atlanta Mfg. & Supply Co.  
 †Atlanta Metal Bed Co.  
 †Atlanta Stove Works (Stoves)  
 †§Atlanta Utility Works (Oil Mill Machinery, etc.) Works: East Point, Ga.  
 \*Atlanta Wood & Iron Novelty Co.  
 \*Avery & Co.  
 \*Camp Machine Shop  
 \*Clark J. C.  
 †§Continental Gin Co. (See Birmingham, Ala.)  
 †General Pipe & Foundry Co.  
 †Georgia Car & Locomotive Co. (Cars Rebuilt)

\*Hill A. E. Mfg. Co.  
 †§Pratt Engineering & Machine Co. (Chemical & Fertilizer Machinery, etc.)  
 \*Riddell Bros.  
 Roberts Marion I.  
 \*Schroeter J. H. & Bro.  
 †§Southern Iron & Equipment Co. (Brass & Iron Castings, Cars, Locomotives, etc.)  
 \*Southern Saw & Machy. Works. (Agricultural Implements, etc)  
 †Southern Wheel Co. (Car Wheels)  
 †§Spalding Foundry Co.  
 †§Withers Foundry & Machine Works (Iron & Brass Fdrs.)  
 †\*Wood A. A. & Sons Co.  
 \*Woodruff Machinery Manufg. Co.  
 AUGUSTA—†§Georgia Iron Works (Saw Mill Machinery, etc.)  
 †§Lombard Iron Works & Supply Co. (Engines & Saw Mill Machy., etc.)  
 \*Merry Steel Truck Co.  
 \*Vales E. J. (Jobbing)  
 BAINBRIDGE—†§Sutherland D. T.  
 BREMEN—†§Bremen Machine Works  
 BRUNSWICK—†§Parker-Hensel Engineering Co. (Brass-Iron Castings & Machine Work)  
 BUFORD—\*Lowe T. F.  
 CANON—\*Bowers Machine Works  
 CARTERSVILLE—†§Withers Foundry & Machine Works  
 CEDARTOWN—†Cedartown Foundry & Machine Co.  
 COLUMBUS—†§Columbus Iron Works (Ice & Refrigerating Machinery, etc)  
 \*Columbus Truck & Supply Mfg. Co.  
 †§Golden's Foundry & Machine Co. (Power Transmitting Machinery, etc.)  
 †Lummas Cotton Gin Co. (Cotton Gins, etc.)  
 †§Pekor Iron Works (Repairing)  
 \*Perfection Dyeing Machine Co.  
 †§Southern Plow Co. (Cultivators, Plows, etc.)  
 COMMERCE—\*Gibbs Bros.  
 CORDELE—†§Tomlin-Harris Machine Co. (Iron & Brass Castings & Machine Work)  
 DALTON—\*Dalton Auto & Machine Co.  
 \*Finley & Son  
 †§Wrinkle & Miller Foundry & Machine Co.  
 DEMOREST—†Demorest Foundry & Machine Works  
 †§Hendrickson E. D. (Iron Castings & Machine Work)  
 DICKEY—\*Parkins E. P.  
 DOUGLAS—\*§Douglas Foundry & Machine Works  
 EAST POINT—†§Atlanta Utility Works (See Atlanta, Ga.)  
 \*Southern Saw & Machinery Works  
 ELBERTON—\*Elberton Machine Works  
 FITZGERALD—†§Fitzgerald Iron Works  
 FORT VALLEY—\*Georgia Agricultural Works (Cotton Gin Machinery)  
 GAINESVILLE—†§Gainesville Iron Wks.  
 GRIFFIN—†Gresham Mfg. Co.  
 LAWRENCEVILLE—\*Lawrenceville Mfg. Co. (Saw Mill Machy)  
 MACON—\*Gantt Mfg. Co. (Ag'l Impls.)  
 †§Mallory & Roper Co.  
 †§Massey Gin & Machine Works (Cotton Gins, etc.)  
 †§Schofield's J. S. Sons Co. (Sugar Machinery, etc.)  
 Taylor Iron Wks. & Supply Co.  
 †§Williams Mfg. Co. (Ag'l Impls.)  
 MADISON—\*Hedenberg Chas. L. (Garage & Repairs)  
 \*Madison Auto & Machine Co. (Garage & Repairs)  
 MARIETTA—†§Glover Machine Works (Locomotives, Hoisting Engines, etc.)  
 MILLEN—\*Beard B. C.  
 MONTICELLO—\*Benton Mfg. Co. (Agricultural Implements)  
 MORELAND—†§Camp E. N. & Son Co. (Inc.) (Ag'l Impls. & Castings)  
 NEWNAN—†§Cole R. D. Mfg. Co. (Engines, etc.)  
 OCILLA—\*Sikes Hay Press Co.  
 QUITMAN—†§Quitman Foundry & Machine Co.  
 ROME—†Battey Machinery Co.  
 †Bowie Stove Co. (Stoves)  
 †§Davis Foundry & Machine Works  
 †Hanks Stove & Range Co. (Stoves)  
 \*Hill City Machine Shop (Repairs)  
 †§Rome Machine & Foundry Co.

\*†Rome Scale & Mfg. Co. (Scales, etc.)  
 \*†Southern Co-operative Fdry Co. (Stoves & Hollow Ware)  
 \*†Towers & Sullivan Mfg. Co. (Cultivators, Harrows, Plows, etc.)  
 ROYSTON—\*Phillips N. W. & Bro.  
 SAVANNAH—\*American Automatic Machinery Co.  
 †Decatur Car Wheel Co. (See Atlanta, Ga.)  
 †§Kehoe Iron Works (Iron & Brass Fdrs. & Saw & Phosphate Mill Machy., etc.)  
 †§McDonough J. J.  
 \*Mingledorff & Co. (Machine Jobbing, etc.)  
 †§Rourke Jno. & Sons (Iron & Brass Fdrs., Machinists, Heavy Forgings, etc.)  
 †§Savannah Iron Works  
 †§Savannah Iron & Wire Works  
 †§Wilkinson Machine Co. (Inc.)  
 SOCIAL CIRCLE—\*Social Circle Mfg. Co. (Fertilizer Mixers)  
 TALLAPOOSA—†§Greene M. A.  
 THOMASVILLE—†§Thomasville Iron Works  
 VALDOSTA—†§Southern Foundry Co.  
 WAYCROSS—†Gillon Machine Co.  
 WAYNESBORO—†Moblely G. W. (Machinery)  
 WEST POINT—†§West Point Investment Co.  
 WINDER—†§Woodruff Machinery Mfg. Co. (Ag'l Impls., Saw Mill Machinery Castings, etc.)  
 WRENS—\*King O. P.

## HAWAII.

HONOLULU—†§Catton Neill & Co. (Ltd.)  
 †Honolulu Iron Works Co.  
 \*Johansen A. B. Mill Co., Ltd.  
 \*Lord-Young Engineering Co., Ltd.

## IDAHO.

BOISE—†§Baxter Jas. Foundry & Mach. Works  
 MOSCOW—†Bell O. E. (Ag'l Impls.)  
 †§Idaho National Harvester Co. (Ltd.)  
 NAMPA—†§Nampa Iron Works (Ltd.)  
 WEISER—†Weiser Fdry. & Machinery Co.

## ILLINOIS.

ABINGDON—\*§American Sanitary Mfg. Co. (Plumbers' Brass Goods)  
 ALTON—\*Beall Bros. (Miners' Tools, Shovels & Specialties)  
 †Duncan Foundry & Machine Works (Car Wheels, etc.)  
 \*Hapgood Plow Co. (Ag'l Impls., Plows, Drills, Planters, etc.)  
 \*Hayden Geo. D. Machine Co.  
 \*Illinois Glass Co. (Machine Shop for their own use)  
 ANNA—\*Smith H. W. (Jobbing)  
 ARLINGTON HEIGHTS—†Peter & Volz Co.  
 ASSUMPTION—\*Consolidated Electric & Mfg. Co. (Electric Specialties)  
 \*McClure J. W.  
 AURORA—†§American Well Works  
 See adv index at end of book  
 †American Woodworking Machinery Co. (See Rochester, N. Y.)  
 \*§Aurora Foundry Co. (Grey Iron & Machine Pulley Castings, etc.)  
 \*§Aurora Metal Co. (Brass & Bronze Castings & Metallic Piston Packing)  
 \*Divekey Bros. (Garage & Machinists)  
 \*Fox River Boiler Sheet Iron Works.  
 \*Fox River Iron Co.  
 \*Hinckley Charles  
 †Love Bros.  
 †Peters Henry Brass Foundry Co. (Brass Castings, etc.)  
 †Rathbone, Sard & Co. (Stoves, etc.)  
 †Stephens-Adamson Mfg. Co. (Conveying & Power Transmitting Machinery, etc.)  
 \*Udstad S. (Machinist)  
 \*Vindex Electric Mfg. Co. (Transformers, etc.)  
 Western Wheeled Scraper Co. (Street Sweeping Machines & Road Scrapers, etc.)  
 AVA—\*Spinner E. F.  
 \*Underwood Wm. J.  
 BATAVIA—†Appleton Mfg. Co. (Agricultural Implements)



\*Batavia Engineering Works (Inc.) (Conveying, Elevating & Screening Machy.)  
 \*†§Challenge Co. (Gas & Gasoline Engines, Windmills, etc.)  
 \*Emerson - Brantingham Co. (See Rockford, Ill.)  
 †Shumway C. W. & Son (Machinery Castings, etc.)  
 †Sperry D. R. & Co. (Filter Presses, Evaporators, Vacuum Pans, etc.)  
 §Stuttie Brass Mfg. Co.  
 \*†U. S. Wind Engine & Pump Co. (Windmills, Pumps, Feed Mills & Corn Shellers, etc.)  
**BELLEVILLE**—\*†Baker Stove Works (Stoves, etc.)  
 †Belleville Foundry Co.  
 \*Belleville Implement & Motor Co. (Ag'l Implements, Motors, etc.)  
 \*†§Belleville Stove & Range Co. (Stoves, etc.)  
 \*Berger Chas. (Jobbing, etc.)  
 \*†§Born J. C. & Bro. (Grinding & Polishing Machy., Countershafts, etc.)  
 †Crown Foundry Co. (Iron Founders)  
 \*†Eagle Foundry Co. (Stoves)  
 \*†Excelsior Foundry Co. (Castings, Sugar Cane Mills, etc.)  
 \*Germania Refrigerating & Machinery Co.  
 \*Gundlach P. M. Sons (Agrl. Impls.)  
 \*†Harrison Machine Works (Threshers & Engines)  
 \*Herzler & Henninger Machine Wks. (Coal Mining Mach'y)  
 \*Ideal Stencil Machine Co.  
 \*†§Illinois Foundry & Machine Co.  
 \*Modern Die & Plate Press Mfg. Co. (Die & Plate Presses, etc.)  
 \*†§M. H. Foundry & Mfg. Co. (Iron & Brass Castings, etc.)  
 †Oakland Foundry Co.  
 †§Orbon Stove & Range Co. (Stoves Ranges, etc.)  
 †Quality Stove & Range Co.  
 \*†St. Clair Foundry (Iron Fdrs.)  
 \*Schwarz Jos. & Son  
 †Superior Foundry & Mfg. Co.  
 \*United States Safety Gas Machine Co.  
**BELVIDERE**—\*Belvidere Screw & Machine Co. (Screw Machine Products)  
 \*†National Sewing Machine Co. (Sewing Machines & Screw Machine Products)  
**BLOOMINGTON**—\*†American Foundry & Furnace Co. (Castings, etc.)  
 \*†§Constant B. S. Manufg. Co. (Elevator & Grain Machinery, etc.)  
 †Co-operative Stove Co. (Stoves)  
 \*Diets S. J.  
 \*Keiser-Van Leer Co.  
 \*McGrath J. T. & Son  
 \*†Magirl P. H. Foundry & Furnace Works (Grey Iron Castings, etc.)  
**BLUE ISLAND**—\*Bronson E. B. Co.  
**BRADLEY**—\*†Bradley David Machine Works. (Plows, Cultivators, Planters, etc.)  
 \*†Turk Jos. Mfg. Co. (Iron Beds, etc.)  
**BUSHNELL**—\*Norcross C. S. Son (Garden Plows, etc.)  
**CAIRO**—\*†§McCarthy & Malinski  
 \*†§Reed Hardware & Mfg. Co. (Machine Tools & Castings, etc.)  
 \*†§Rennie Jno. T.  
 \*†§Vulcan Iron Works  
**CANTON**—\*†§Parlin & Orendorff Co. (Plows, Cultivators, Planters, Listers, etc.)  
**CARLOCK**—\*Schad Alva  
**CARMI**—\*Brandt A. H. (Agricultural Implements)  
**CARPENTERSVILLE**—\*†§Illinois Iron & Bolt Co. (Presses, Jacks, Vises, Drills, etc.)  
 \*†Star Mfg. Co. (Agricultural Implements, etc.)  
**CHAMPAIGN**—Bonner Tool Co. (Nail Pullers, Wrenches, etc.)  
 \*†§Burr Co. (Manhole Covers, Sewer Inlets, Municipal Castings, etc.)  
 \*Hardy W. F. (Agricultural Impls.)  
**CHICAGO**—\*†§Abernathy Vise & Tool Co., 227 Englewood  
 \*§Acme Metal Mfg. Co. (Brass Fdrs.), 327 N Wabash  
 \*Acme Steel Goods Co. (Steel Mats, etc.), 2834 Archer av  
*See adv index at end of book*  
 \*§Acme Supply Co. (Car Appliances, Brass Fdry., etc.), 28 E Jackson boul

\*Adams Bros. & Co. (Special Machy., etc.), 3020 Cottage Grove av  
 §Adams & Westlake Co. (Railroad Specialties, Brass Fdrs., Finishers, etc.), 319 W Ontario  
 \*§Adapt Machinery Co. (Special Machinery), 1624 Wabash av  
 \*Addressograph Co. (Addressing Machines), 901 W Van Buren  
 \*Advance Machine Co. (Slot Machines), 4645 Ravenswood av  
 \*†§Aermotor Co. (Windmills & Pumps, etc.), 1146 S. Campbell  
 \*Ajax Forge Co. (Frogs, Crossings, etc.), 2499 Blue Island av  
 \*Albaugh-Dover Co. (Cut Gears, etc.), 2100 Marshall blvd  
 §Alemit Metals Co. (Die Castings), 341 W Chicago av  
 \*Allbright-Nell Co. (Packing House Mach'y), 5323 Western blvd  
 \*§Allen W. D. Mfg. Co. (Brass Founders' Brass Specialties, Finishers, etc.), 570 W Lake  
 \*†§ALLIS-CHALMERS CO. (See Milwaukee, Wis.)  
*See adv index at end of book*  
 \*Altizer Elevator Co., 609 N. La Salle  
 \*†American Bridge Co. (Bridge Bldrs., etc.), W 40th & Princeton  
 †American Building Foundry Co. (Structural & Arch'l Castings), 2300 S. Springfield av  
 \*AMERICAN CAN CO. (Machy Dept.) (Can Makers' & Cannery Machinery, etc.), Monroe bldg.  
*See adv index at end of book*  
 \*†American Car & Foundry Co., 80 E. Jackson boul. (See St. Louis, Mo.)  
 \*American Carton Sealing Machine Co., 1060 W. Harrison  
 \*American Foundry & Machinery Co., Monadnock block  
 \*American Iron & Wire Works, 1622 Carroll av  
 \*American Ironing Machine Co., 166 N. Michigan  
 \*American Laundry Machinery Co., 1800 N Spaulding av  
 American Metal Ware Co. (Brass Bedsteads, etc.), 368 W Huron  
 \*American Meter Co. (Gas Meters & Appliances), 122 S Michigan  
 American Perforator Co. (Perforating Machines), 617 W Jackson blvd  
 \*†American Radiator Co. (Radiators, etc.), 820 S Michigan av  
 \*†American Seating Co. (Malleable Iron Castings), 14 E Jackson blvd  
 Works: Grand Rapids, Mich.  
 †American Steel Foundries (Steel Castings), 332 S Michigan av  
 \*†AMERICAN STEEL & WIRE CO., 208 S La Salle  
*See adv index at end of book*  
 \*American Stove Co., 179 N Michigan av  
 \*†American Wood Working Machinery Co., 565 W Washington. Factory: Aurora, Ill.  
 \*Amundsen A. & Co. (Tools & Dies), 542 W Jackson blvd  
 \*§Anchor Brass Works, 141 W Austin av  
 §Anderson A. H. 1213 Fulton  
 §Anderson Bros. (Brass Founders & Finishers), 1388 Fulton  
 \*Anderson Carl Co. (Repair Gas & Gasoline Engines), 867 Larrabee  
 §Anderson Chas. B., 109 S Clinton  
 \*Anderson Chas. L., 569 W Van Buren  
 \*Anderson C. F. & Co. (Printers' & Binders' Machinery), 710 S Clark  
 \*Anderson Engine Co. (Gasoline & Kerosene Engines, etc.), 4036 N. Rockwell  
 \*Archer Iron Works Co. (Wheelbarrows, Trucks, etc.), 2436 W. 34th pl  
 \*Armstrong-Blum Mfg. Co. (Punches & Shears, Rod Cutters, etc.), 337 N Francisco av  
 \*Armstrong Bros.' Tool Co. (Tool Holders, Ratchet Drills, etc.), 339 N Francisco av  
 \*Arnold, Schwinn & Co. (Bicycles, etc.), 1718 N Kildare av  
 †§Art Bedstead Co., 37th & Rockwell  
 †Ashland Iron Works, 1604 W Superior  
 \*Aurora Automatic Machinery Co. (Pneumatic Tools, Motor Cycles, etc.), Factory: 361 W Superior, General office: 1307 So Michigan av, Chicago, Ill.

\*Austin F. C. Drainage Excavator Co. (Ditching Machine, etc.), 80 E  
 \*Automatic Electric Welder Co., 618 W Jackson blvd  
 \*Automatic Machine & Tool Co. (Coin Operating Machines), 210 N Ann  
 \*Automatic Racking Machine Co., ft. 28th  
 \*Ayes & Co. (Pipe Cutters, etc.), 1812 Ellen  
 \*B. & A. Machine Works, 317 S Clinton  
 §Baldwin Brass Works, 411 S Clinton.  
 \*Barber A. H. Creamery Supply Co. (Ice & Refrigerating Machy. & Dairy Supplies), 300 W Austin av  
 \*Barco Brass & Joint Co. (Brass Finishers), 212 W Illinois  
 \*§Bastian-Blessing Co. (Brass Fdrs. & Finishers), 125 W Austin av  
 \*§Beardslee Chandelier Mfg. Co. (Gas & Electric Fixtures), 216 S Jefferson  
 \*Bell D. J. (Moving Picture Machines) 1811 Larchmont av  
 §Berchem Julius (Bronze Statuary, etc.), 4921 W Lake  
 \*Bergholtz, Stroditz & Co. (Tools, etc.), 2230 Ogden av  
 \*Bergbom & Roberg (Machinists & Tool Makers), 218 N Jefferson  
 \*Besly Chas. H. & Co. (Disc Grinders, Taps, etc.), 120 N Clinton. Works: Beloit, Wis.  
 \*Blakeslee G. S. & Co. (Dish Washing Machines), 2856 Quinn  
 \*Bloomfeldt & Rapp Co. (Special Machy., Dies, etc.), 108 N. Jefferson  
 \*Boland Machy. Co. (Ice & Washing Machinery), 552 W Van Buren  
 \*Boller Peter Machine Works (Machinist), 124 N Curtis  
 †Bolter's A. Sons (Builders' Iron Work), 2301 Ward  
 †Brady Jas. A. Foundry Co. (Machinery Castings), 35th & Ashland av  
 \*Brandes Carl (Arch'l & Structural Iron), 1323 Otto  
 \*§Braun David J. Mfg. Co., 668 W Washington blvd  
 \*†Brighton Foundry Co., 3306 Artesian av  
 \*Brokaw-Eden Mfg. Co. (Laundry Machinery), 175 W Jackson blvd  
 \*Bromley-Mercedes Manufg Co. (Dish Washing Machinery) 215 W Superior  
 \*Bromm Fred (Tools), 2564 S Halsted  
 \*Brown Specialty Machinery Co. (Core Making Machines, etc.), 2440 W 22nd  
 \*†Brucker Michael (Fdry. & Stove Repairs), 820 N Lincoln  
 \*Brunner & Lay (Stone Jacks) 570 W Polk  
 †Buchanan Electric Steel Co. (Steel Castings), 80 E Jackson blvd. Works: Buchanan, Mich.  
 \*†§Buda Co. (Railway Cars, Axles, Wheels, Track Equipments, etc.), Railway Exch. bldg. Works: Harvey, Ill.  
 \*Buisson Bros.' Mfg. Co. (Machinists), 3351 Parnell  
 \*Bullock Tractor Co., 1801 Diversey Parkway  
 \*Burge Machine Works (Vulcanizers, etc.), 230 N Jefferson  
 \*Burton A. G. Son (Safe Locks, etc.), 118 S Clinton  
 †Butler St. Foundry & Iron Co. (Iron Fdry.), 3422 Normal av  
 \*†§Caldwell H. W. & Son Co., (Elevating & Conveying, Grain Elevator & Power Transmitting Machinery), 17th and Western av  
 \*Carmichael Range Co. (Stove & Range Mfrs.), 176 W Franklin  
 \*Cassady-Fairbank Mfg. Co. (Automatic & Bicycle Parts, etc.), 6126 S La Salle  
 \*Central Architectural Iron Works, 53 W Jackson blvd  
 §Central Brass Foundry, 109 S Clinton  
 \*Central Chandelier Co., 1547 Fulton  
 \*Central Iron Works (Fire Escapes, etc.), 939 W Lake  
 \*Central Locomotive & Car Works (Car & Locomotive Repair Shop), Fisher bldg  
 \*Central Specialty Mfg. Co. (Bathroom & Laundry Fittings), 508 S Peoria  
 Channon Jas H. Mfg. Co. (Elevators & Machinery), 227 W Erie



§Chicago Aluminum Castings Co., 2647 Ogden av  
 \*Chicago Apparatus Co. (Scientific Apparatus), 32 S Clinton  
 \*§Chicago Bearing Metal Co. (Journal Bearings, Brass Castings, etc.), 2220 W 43d  
 \*†**CHICAGO BRIDGE & IRON WORKS** (Bridges, Towers & Structural Work), 2015 Old Colony bldg.  
*For branch offices see adv index at end of book*  
 \*Chicago Die & Machine Works, 415 N Carpenter  
 \*Chicago Dryer Co. (Laundry Machinery), 630 S Wabash av.  
 §Chicago Faucet Co. (Brass Goods, etc.), 2712 N Crawford av  
 \*Chicago Fire Apparatus Co. (Fire Apparatus), 208 N 5th av  
 \*†Chicago Foundry Co., 2211 N Major  
 \*†§Chicago Hardware Foundry Co., 546 W Wash.  
 †Chicago Iron Foundry Co., 2313 Austin av  
 \*§Chicago Journal Bearing Co. (Car Brasses, Brass & Bronze Castings), 519 W Vanburen  
 \*Chicago Laundry Machinery Co., 213 W Grand av  
 \*Chicago Machine Tool Co. 127 N Canal  
 \*Chicago Machine & Washer Co., 2625 W 15th  
 \*†§Chicago Malleable Castings Co. (Refined Malleable Castings), 120th & Racine av  
 †Chicago Malleable Iron Co., Blue Island & Western aves  
 \*Chicago Pneumatic Pump Co., 6018 S State  
 \*†**CHICAGO PNEUMATIC TOOL CO.**, (Pneumatic Tools, Air Compressors, etc.), Fisher bldg  
*See adv index at end of book*  
 \*Chicago Pump Co. (Pumps, etc.), 906 W Lake  
 \*Chicago-Racine Aluminum Brass & Iron Works, 224 W Huron  
 \*†Chicago Railway Equipment Co. (Brake Beams, Bolsters, Side Bearings, Railway Specialties, etc.) 1928 W 46th  
 \*Chicago Ship Building Co. (Marine Engines, Ship Builders, etc.), 101st & Calumet river  
 \*Chicago Spring Butt Co. (Spring Hinges), 334 Union Park ct  
 \*Chicago Steel Car Co., Harvey  
 †Chicago Steel Foundry Co. (Crucible, Manganese, Nickel, Canadian & Chrome-Vanadium Steel Castings), 3701 S Kedzie av  
 \*†Chicago Stove & Range Co. (Ranges, etc.), 2023 S Clark  
 \*Chicago Time Lock Co., 2765 St. Mary's  
 \*Chicago Watch Tool Co., 1956 Grand av  
 \*Chisholm, Boyd & White Co. (Brick Machinery, etc.), 57th & Wallace  
 \*§City Brass Works, 159 N Jefferson  
 \*§Climax Brass & Mfg Co., 1250 W 15th  
 \*†§Clow, Jas. B. & Sons (Inc.) (Cast Iron Pipe & Plumbers' Supplies), 544 S Franklin  
 \*Clyde Iron Works, 343 S Dearborn  
 \*Colborne Mfg. Co. (Pie Bakers' Machinery, etc.), 157 W Division  
 \*†§Coleman Adelbert E., 336 W 37th  
 \*Columbia Mills, 231 W. Monroe, (See New York, N. Y.)  
 \*Compound Injector & Specialty Co. (Plumbing Specialties), 419 N Laramie av  
 \*Comptograph Co. (Adding & Listing Machines), 1717 W Paulina  
 \*Confectioners' & Bakers' Supply Co. (Confectioners' & Bakers' Machy.), 11 E Illinois  
 \*Consolidated Press Co., 26 S Jefferson  
 \*Continental Bridge Co., Monadnock block  
 \*Cook & Chick Co. (Jobbing & Repairing a Specialty), 18 E Kinzie  
 †Co-Operative Foundry Co., 505 S Clinton  
 \*Corbin & Gulon (Electrical Repairs), 310 S Desplaines  
 \*†§Crane Co. (Est. 1855) (Steam Specialties & Cast Iron & Brass Goods), 836 S Michigan av  
*For branch offices see adv index at end of book*

\*†Creamery Package Mfg. Co. (Ice & Refrigerating Machines & Creamery Supplies), 61 W Kinzie  
 †Cribben & Sexton Co. (Stoves & Plumbers' Enameled Ware, etc.), 680 N Sacramento blvd  
 \*Cross Press & Sign Co. (Wood Printing Machines), 1508 Dayton  
 †Crown Stove Works (Stoves), 4631 W 13th. Works: See Cicero, Ill.  
 \*Cullman Wheel Co. (Sprockets for Roller & Block Chains), 1346 Altgeld  
 †Cummings T. A. Foundry Co., 1338 Cortland  
 \*Cummins B. F. Co. (Check Perforators, etc.), 4740 W Ravenswood av  
 †Dauchy Iron Works (Builders' Iron Work, Castings & Vault Lights), 223 W Illinois  
 \*Davis Geo. M. Regulator Co. (Valves, etc.), 422 Milwaukee av  
 \*†§Davis, Horwich & Steinman (Brass), 2236 La Salle  
 \*Davis-Johnson Mfg. Co. (Hydraulic & Iron Beds), 2236 La Salle  
 Presses & Pumps, etc.), 4518 Lexington  
 \*†§Dawson Bros. (Brass & Iron Fdrs.), 523 N Halsted  
 \*Dearborn Machine Works, 410 S Dearborn  
 \*Dee Wm. E. Co. (Castings, Sewer, Covers, Gratings, etc.), 30 N La Salle  
 \*Delano E. A. Co. (Power Transmitting Machy., etc.), 1401 W North  
 \*Dellenbarger C. E., 625 W Jackson blvd  
 \*Delta-Star Electric Co. (Electrical Appliances), 2437 Fulton  
 \*§Diamond Brass Foundry & Machine Co., 1115 Washington blvd  
 \*†§Diamond Match Co., 110 W Kinzie  
 \*Dick A. B. Co. (Copying & Duplicating Machines), 736 W Jackson blvd  
 \*§Dietzgen Eugene Co., Sheffield & Fullerton aves  
 \*Dobbins C. E. & Co. (Axles & Springs), 460 N Halsted  
 \*†Domestic Sewing Machine Co. (Sewing Machines), 19 W Jackson blvd.  
 \*Donaldson & Fisher Co., 416 W Grand av  
 \*Downing-Smith Co. (Electrical Repairs), 553 W Vanburen  
 \*Dreis & Krump Mfg. Co. (O K Cornice Brake, etc.), 2911 S Halsted  
 \*†Duffin Iron Co. (Arch'l Iron, etc.), 4001 Wentworth av.  
 \*Dunbar & Co. (Peanut & Pop Corn Roasting Machines), 2652 W Lake  
 \*Dun Wm. E. Mfg. Co. (Concrete Mixing Machy.), 4131 Fillmore  
 \*Dunn Manufacturing Co. (Dish Washing Machinery), 180 N Dearborn  
 \*Economy Engineering Co. (Tiering Machines), 415 S Washtenaw  
 Economy Pumping Machy. Co.  
 §Eddy Brass Foundry & Machine Co., 301 N Halsted  
 \*†Eddy R. M. Foundry Co. (Boiler & Machinery Castings, etc.), 372 W Grand av  
 \*Electric Rotary Machine Co., 333 S Dearborn  
 \*Electro Magnetic Tool Co. (Drills), 2902 Carroll  
 †Elizabeth Street Foundry (Iron Fdry.), 5837 S Elizabeth  
 †Elliott Foundry & Machine Works, 1921 S Fairfield av  
**ELMES CHAS. F. ENGINEERING WORKS (INC.)** (Hydraulic, Fire Boat & Rubber Machinery), Fulton & Morgan  
*See adv index at end of book*  
 \*§Empire Brass Works (Brass Founders, Finishers, etc.), 824 Fulton  
 \*Emrath Louis, 4236 N Ashland av  
 \*Enterprise Tool & Metal Works (Machinists), 126 S Clinton  
 Erb W. B. & Co. (Machinists), 405 S Clinton  
 \*Erwin & Co. (Hydraulic Pumps, etc.), 3736 Cottage Grove av  
 \*Essley E. L. Machinery Co., 555 Washn blvd  
 \*Eureka Digger Co., 227 W Huron  
 \*Excelsior Cycle Store. (Bicycles), 5340 B'way  
 \*Excelsior Motor Mfg. & Supply Co. (Motorcycles), 3701 Cortland

\*Excelsior Steel Furnace Co. (Furnaces, etc.), 517 W Monroe  
 \*†§Fairbanks, Morse & Co. (Gas Engines, etc.), 900 S Wabash av  
 §Faunt Bros. (Brass Founders, Finishers, etc.), 1555 Fulton  
 †Fearon-Tillotson Foundry Co., 1420 W Kinzie  
 \*§Federal Brass Works (Brass Fdrs. & Finishers), 3100 S Kedzie  
 \*§Federal-Huber Co. (Plumbers' Goods, etc.), 234 N Halsted  
 \*Federal Mfg. Co. (Geyser Cocks, etc.), 21 E Vanburen  
 \*Felt & Tarrant Mfg. Co. (Comptometers, etc.), 1717 N Paulina  
 †Ferguson & Lange Foundry Co. (Grey Iron, Ammonia, Chilled & Hydraulic Castings & Chilled Car Wheels, etc), Clybourn & Willow  
 \*§Fidelity Brass Mfg. Co., 1001 Washington blvd  
 \*§Findelsen & Kropf Mfg. Co., 2550 W 21st  
 \*Fischer Machine Works (Woodworking Machinery), 1845 Carroll av  
 \*Fitz-Hugh Luther Co. (Railway Equipment), 14 E Jackson blvd  
 Works: Hammond, Ind  
 \*Folding Sawing Machine Co., 161 W Harrison  
 \*†Foley-Williams Supply Co. (Sewing Machines), 19 W Jackson blvd  
 \***FOOTE BROS. GEAR & MACHINE CO.** (Engineers' & Machinists' Special Machinery, Cut Gears, etc.), 210 N Carpenter  
*See adv index at end of book*  
 \*Force Wm. A. & Co. (Inc.) (Stamps, Dies, etc.), 37 W Market  
 \*Fort Dearborn Mfg. Co. (Special Machy., etc), 38 S Dearborn  
 \*Foster & Hasler (Pneumatic Tools), 431 S Dearborn  
 \*Fowler Lamp & Mfg. Co. (Carbureters, Cut-Out Valves, etc.), 59 E 24th  
 †Francis & Nygren Foundry Co. (Semi-Steel & Iron Fdrs.), 2542 Fillmore  
 †Franklin Pipe & Foundry Co., 2433 S Paulina  
 \*Furness Bros. Co. (Machinists, Pumps, etc), 1615 W Walnut  
 \*Gallaher & Speck (Machinists), 215 W Congress  
 \***GANSHOW WM. CO.** (Engineers' & Machinists' Special Machinery, Cut Gears, etc.), 1001 Washington blvd. *See adv index at end of book*  
 \*†Garden City Fan Co. (Iron Fdrs. & Blowers' Exhaust Fans, etc.), 332 S. Michigan av. Works: Niles, Mich.  
 \*Gebhardt H. J., 343 S Dearborn  
 \*Gits Bros. Mfg. & Specialty Co. (Oil Cups, etc), 555 W Monroe  
 \*Glader Wm. (Cooperage Machinery, etc), 210 N Ann  
 \*Globe Electric Co. (Electric Motors), 6340 Stony Island av  
 \*Globe Metal Co., 1970 Clybourn av  
 \*Globe Special Machinery Co., 128 N Jefferson  
 \*Goldschmidt M. & Co. (Electrical Repairs), 542 S Clark  
 \*Goodman Mfg. Co. (Mining Machinery), Halsted & 48th pl  
 \*†Goss Printing Press Co. (Printing Presses), 1535 S Paulina  
 \*§Grant Michael F. & Co. (Brass Fdrs. & Finishers), 330 S Clinton  
 †Greenlee Foundry Co. (Iron Fdrs.), 664 W 12th  
 \*Gregory Electric Co. (Electric Machinery), 1601 S Lincoln  
 \*†Griffin Wheel Co. (Car Wheels), 332 S Michigan av  
 \*Grotnes Chas. (Machy.), 128 N Jefferson  
 \*Gruendel Geo. Machine Works (Machinist), 440 N Peoria  
 \*Guarantee Electric Co. (Dynamos & Motors), 430 S Green  
 \*Gump B. F. Co. (Rebuilt Flour Mill Machinery), 431 S Clinton  
 \*Guyton & Cumfer Mfg. Co. (Special Machinery), 4451 Fillmore  
 \*Haberkamp Wm. Machine Works (Saturating & Roofing Paper Machinery, etc), 442 Wells  
 \*Hacker Horace & Co. (Printing Machinery), 312 N May



\*Hall A. W. & Co., 501 S Dearborn  
 \***HANKE IRON & WIRE WORKS**,  
 800 N Albany av  
*See adv index at end of book*  
 \*Hanna Engineering Works (Pneu-  
 matic Tools & Special Machy),  
 2065 Elston av  
 \*Hannifin Mfg. Co. (Chucks, Counter-  
 shafts, Dies, etc.), 621 S Kolmar  
 av  
 \*†Hansell-Elcock Co. (Iron Founders  
 & Builders' Iron Works), Archer  
 & Normal avs  
 \*Hardinge Bros. (Sensitive Drills &  
 Watchmakers' Tools, etc.), 4203  
 Ravenswood av  
 §Harris Arthur & Co. (Brass Found-  
 ers & Finishers for Breweries,  
 Distillers, etc.), 212 N. Curtis  
 \*Harvard Electric Co. (Electrical  
 Specialties), 525 W Van Buren  
 §Hecht Jere M., 320 W Grand av  
 \*Heerey Machine & Battery Works,  
 918 E 43rd  
 \*Heinemann Louis & Son, 1801 Bel-  
 mont av  
 \*Helmold J. F. & Bro. (Machine  
 Tools), 1462 Hamburg  
 \*Henion & Hubbell, 219 N Jefferson  
 \*Henneböhle F. (Steam & Hydraulic  
 Specialties), 8101 S Chicago av  
 \*Higgins John C. (Mill Pecks), 812 W  
 Kinzie  
 \*§Hills-McCanna Co. (Brass Fdrs.  
 & Engineers' Supplies), 153 W. Kin-  
 zie  
 §Hine-Watt Mfg. Co. (Automobile  
 Lamps, etc.), 180 N Market  
 §Hodgson Foundry Co. (Brass Fdrs.  
 & Finishers), 2012 W 13th  
 \*Hoeft & Co. (Special Machy., Dies,  
 Tools, etc.), 1600 W Kinzie  
 §Holland Brass Works (Brass Found-  
 er & Finisher), 616 W Monroe  
 \*Holliday Eng. Co. (Gas Engines),  
 1818 Milwaukee av  
 \*Holmes Bros. (Molds, etc.), 500 S.  
 Peoria  
 \*†Holmes, Pyott & Co. (Builders' Iron  
 Work & Foundry & Machinists),  
 159 N Jefferson  
 †Home Stove Works (Stoves), 2622 W  
 18th  
 \*Hotchkiss, Blue & Co. (Car Bldrs.),  
 80 E. Jackson blvd. Works: Har-  
 veey, Ill.  
 \*†Hughson Steam Specialty Co.  
 (Steam Specialties, etc.), 5021 S  
 State  
 \*Hurley Machone Co. (Electric Labor  
 Saving Machines, etc.), 29 S Clinton  
 \*Hydraulic Engineering Works (Hy-  
 draulic Press & Pumps), 708 Ful-  
 ton  
 \*Ilg Electric Ventilating Co. (Blow-  
 ers, Fans, etc.), 154 Whiting  
 \*Illinois Car & Mfg. Co., 20 W Jack-  
 son blvd.  
 \*Illinois Die & Tool Works, 162 N  
 Desplaines  
 \*Illinois Engineering Co., 5021 S State  
 \*†§Illinois Malleable Iron Co. (Iron &  
 Fdrs., Pipe Fittings & Plumbers'  
 Supplies), 1801 Diversey blvd  
*See adv index at end of book*  
 \*Illinois Maintenance Co., 72 W  
 Adams  
 \*Illinois Modern Button & Machine  
 Co. (Button Machinery), 2407 W  
 Ohio  
 §Illinois Smelting & Refining Co., 410  
 N Peoria  
 \*†§Illinois Steel Co. (Iron, Steel &  
 Brass Castings, All Consumed by  
 Company; also Machine Shop),  
 208 S La Salle  
 \*§Imperial Brass Mfg. Co. (Brass  
 Fdrs. & Finishers), 524 S Racine av  
*See adv index at end of book*  
 \*Independent Pneumatic Tool Co., 1307  
 Michigan av  
 \*International Filter Co., 38 S Dear-  
 born  
 \*International Register Co. (Car  
 Fare Registers), 15 Throop  
 James D. O. Mfg. Co. (Gear Cutting),  
 1120 W Monroe  
 \*Jennings Pump & Dredge Co. (Dredg-  
 ing Machy, Pumps, etc.), 305 N  
 Michigan av  
 \*Johnson Chas. & Son (Fire Escapes,  
 etc.), 320 W Grand  
 §Johnson Meier, 155 Wendell  
 †Johnston & Jennings Co., 1020 W  
 38th. (See Cleveland, O.)

\*Jones Superior Machine Co. (Wood  
 Working Machy, Plumbers' Brass  
 Goods), 1264 W North av  
 \*†Jones W. A. Foundry & Machine  
 Co. (Power Transmitting Machy  
 & Castings), 4401 W 12th  
 \*Joy Chas. H. (Slot Machines), 407  
 Aberdeen  
 \*Kaestner & Hecht Co. (Elevators,  
 Brewers' & Maltsters', Paint  
 Grinding & Mixing Machinery),  
 500 Throop  
 \*Karas Electric Co. (Electric Special-  
 ties), 215 W Illinois  
 \*Karbatzki J. B. & Son, 1302 W 22nd  
 \*†Kellogg-Mackay Co. (Radiators &  
 Heating Apparatus), 403 W 18th  
 \*Kellogg Switchboard & Supply Co.,  
 1066 W Adams  
 §Kelly Brass Works, 226 W Ontario  
 \*Kelly Thomas & Bros. (Water Clos-  
 ets & Plumbers' Brass Goods),  
 404 S. Kolmar av  
 \*Kiesler Jos. F. Co., N Sangamon & W  
 Huron  
 \*†Kimball & Chappell Co. (Metal  
 Bedsteads, etc.), 2834 Loomis  
 \*Kimber G. A. (Tools), 1326 N Hamlin  
 \*Kimble Electric Co. (Electric Motors  
 & Fans), 634 North Western av  
 \*Klemm E. R. (Stone Jacks), 1453  
 Austin av  
 \*Klipfel Mfg. Co. (Valves, Regulators,  
 etc.), 2651 W Harrison  
 \*Kohler & Liebich (Player Piano Roll  
 Cutting Machinery), 1751 Addison  
 \*Kreiter Louis & Co., 313 S Clinton  
 \*Kroeschell Bros. Ice Machine Co.,  
 474 W Erie  
 \*Kuehl Bros. (Machinists), 1818 Mil-  
 waukee av  
 \*Lammert & Mann (Gas & Gasoline  
 Engines, etc.), 221 N Wood  
 \*Lamson Cutter Head Co. (Wood-  
 working Machy.), 30 N Jefferson  
 \*Lang J. Electric Co. (Elec. Machy.),  
 423 N Lincoln  
 \*Lange Henry G. (Glass Beveling &  
 Coffee Roasting Machinery), 162  
 N May  
 \*Larsen Ivert (Special Machinery.  
 Dies, etc.), 221 N Elizabeth  
 \*Latham Machinery Co. (Bookbind-  
 ers' Wire Stitching & Perforating  
 Machines, etc.), 1153 Fulton  
 \*Lathey Steel Type Co. (Steel Type,  
 etc.), 224 W Illinois  
 Laun Machine Co., 715 Root  
 Lennox Machine Co., 2558 W 16th  
 \*Lidseen Gustav (Tools), 224 N Des-  
 plaines  
 \*Lindahl Henry Machine Co., 954 W  
 Lake  
 \*Lindstrom, Smith Co. (Electric Vi-  
 brators, Hair Dryers, etc.), 1104 S  
 Wabash av  
 \*†**LINK-BELT CO.** (Elevating, Con-  
 veying & Power Transmitting  
 Machinery), 39th & Stewart av  
*See adv index at end of book*  
 \*†§Liquid Carbonic Co. (Soda Foun-  
 tains), 3100 S Kedzie av  
 \*Lovejoy Tool Works (Tools, Jacks,  
 Punches, etc), 319 W Ohio  
 \*McClellan Refrigerating Machine Co.,  
 570 W Adams  
 \*McDonald J., 37 S Clinton  
 \*McDonald Machine Co. (Can Making  
 Machinery, etc.), 3207 Shields av  
 \*†Magnus Co. (Brass Founders & Fin-  
 ishers), 80 E Jackson blvd  
 \*Makutchan Roller Bearing Co. (Rol-  
 ler Bearings), McCormick Bldg.  
 \*Marchant Geo. F. Co. (Dies, etc.),  
 1420 S Rockwell  
 \*Marine Iron Works (Paddle Wheel  
 & Marine Machy.), 2036 Dominick  
 \*Marsh Jas. P. & Co. (Steam Gauges,  
 etc.), 118 S Clinton  
 \*Marshall & Huschart Machinery Co.,  
 17 S Jefferson  
 \*Martin & Anson Co. (Air Compress-  
 ors), 2226 Indiana av  
 \*§Mason Davis & Co. (Scales, Stoves,  
 Castings, etc.), 7740 S Chicago av  
 \*Massey Vise Co. (Vises, etc), 352 W  
 Ohio  
 \*Mateer F. W. & Co. (Laundry Ma-  
 chinery), 222 W Ontario  
 \*Mechanical Machine & Tool Works,  
 549 Fulton  
 \*Metal Block & Ingot Co., 2215 Elston  
 av  
 \*Metal Specialties Mfg. Co., 338 N  
 Kedzie av

\*Miehle Printing Press & Mfg. Co.  
 (Printing Presses, etc.), 14th &  
 Robey  
 \*Miller Chemical Engine Co., 222 W  
 Huron  
 \*§Milles C. H. Foundry Co. (Iron &  
 Bronze Castings), 2449 W 21st  
 \*§Mills Novelty Co. (Coin Operating  
 Machines), 221 S Green  
 \*Mitchell F. C., 714 S Dearborn  
 \*Monarch Motor Mfg. Co. (Gas & Gas-  
 oline Engines), 4636 W Madison  
 \*Monarch Tool & Machinery Co. (Dies,  
 Tools, etc.), 1901 S Western av  
 \*†Monighan Machine Co. (Hoisting  
 Engines, Steam Hammers, Grey  
 Iron Castings, etc.), 2032 Carroll  
 av  
 \*Moore & Co. (Special Machy, Dies,  
 Tools, etc.), 305 W Grand av  
 \*Moore-Master Mfg. Co. (Power Trans-  
 mission), 320 W Grand av  
 \*Morden Frog & Crossing Works  
 (Frogs, Switches, Crossings, etc.),  
 208 S La Salle  
 \*Morgan-Gardner Electric Co. (Elec-  
 tric Mining Machinery), 2640  
 Shields av  
 \*Morkrum Co. (Printing Telegraph  
 Machinery), 24 W Austin  
 \*Moyer Chas. L. & Co., 85 W Harrison  
 \*Mulvey Chas. Mfg. Co., 1840 Carroll  
 av  
 \*†Munro Daniel (Iron Fdrs.), 433 S  
 Jefferson  
 \*Murray W. B. (Gasoline Engines),  
 N Winchester & Wabansia av  
 \*†National Car Coupler Co. (Car Coup-  
 lers, Buffers, Steel Platforms, etc.),  
 332 S Michigan av. Works: At-  
 tica, Ind.  
 \*National Iron Works, 5926 S Ash-  
 land av  
 \*National Jack & Mfg. Co., 130 S Clin-  
 ton  
 \*National Laundry Machy. Co., 700 W  
 22d  
 \*National Machine Works (Brewers' &  
 Maltsters' Machy.), 1559 Sheffield  
 av  
 \*National Malleable Castings Co. (Mal-  
 leable Iron Castings for R. R.,  
 etc), 2610 W 25th pl. (See Cleve-  
 land, O.)  
 \*National Sewing Machine Co., 320 W  
 Madison  
 \*National Stamping & Electric Works  
 (Electric & Special Machinery,  
 Dies, Tools, etc), 424 S Clinton  
 \*National Steam Specialty Co. (Steam  
 Gauges, Valves, etc), 16 S Clinton  
 \*Nelson A. Mfg. Co. (Bicycle & Auto  
 Parts), 564 W Randolph  
 \*Nelson & Le Moon (Machinists), 849  
 N Kedzie av  
 \*†§Newman Mfg. Co., 68 W Washing-  
 ton. *See adv index at end of book*  
 \*Nichols Geo. P. & Bro. (R. R. & Spe-  
 cial Mach., etc), Old Colony bldg  
 \*Northwestern Electric Co. (Electrical  
 Repairs), 408 S Hoyne av  
 †Northwestern Foundry Co., 662 W  
 12th  
 \*Nye Steam Pump & Machy. Co., 701  
 N Western av  
 \*Nye Tool & Machine Works (Mechan-  
 ical & Electrical Machy.), 108 N  
 Jefferson  
 \*O'Leary Arthur J. & Son Co. (Iron &  
 Steel Articles), 65th & S 57th av  
 \*Oliver Typewriter Co. (Typewriters),  
 159 N Dearborn. Works: Wood-  
 stock, Ill.  
 \*Olsen & Tilgner Mfg. Co. (Brewers' &  
 Maltsters' Machinery), 2280 Elston  
 av  
 \*Olson F. M. Engineering Co., 5477  
 W Madison  
 \*Orton & Steimbrenner Co. (Cranes,  
 etc.), 610 S Dearborn. Works:  
 Huntington, Ind.  
 \*Ostrander-Seymour Co. (Printing Ma-  
 chinery), 7 S Dearborn  
 \*†§Otis Elevator Co., 1501 W 15th  
 \*Owen E. H. & Co. (Dies, etc.), 101 N  
 Jefferson  
 \*Paragon Mfg. Co. (Laundry Machin-  
 ery), 2427 W 14th  
 \*§Paragon Metal Co. (Brass & Bronze  
 Castings, etc), 3050 S Ashland av  
 \*Parmelee Tool Co., 2515 W Monroe  
 \*Partridge Edw. O., 2047 Lake  
 \*§Payson Mfg. Co., 2928 W Jackson  
 blvd  
 \*Peerless Electric Co. (Electrical Re-  
 pairs), 550 W Harrison



- \*Pelouze Mfg. Co. (Scales, etc.), 232 E Ohio
- \*Perkins Chas. Co. (Bookbinders' & Printers' Machinery), 132 S Clinton
- \*†Perrin Wm. R. & Co. (Power Hydraulic Presses, etc.), Old Colony bldg
- \*†Pettibone, Mulliken & Co. (R. R. Frogs, Crossings, Switches, etc.), 140 S Dearborn
- \*†Phoenix Foundry Co. (Sash Weights, etc.), 1455 S Jefferson
- \*†Pilsen Foundry & Iron Works, 1530 W 22d
- \*†Plamondon A. Mfg. Co. (Power Transmitting Machy., etc.), 12 N Clinton
- \*Plunket Jas. E. (Drill Press, Milling Machine Vises, Gas Engines, etc.), 1342 W Lake
- \*Pollard Engineering Co. (General Machinists' Punches, Dies & Presses, etc.), 169 N Jefferson
- \*Pondelick Bros., 215 S. Leavitt
- \*Pratt Henry Co., 2222 S Halsted
- \*†§Pratt Wm. E. Mfg. Co. (Malleable Iron Castings, etc.), 90 Lake Works: Joliet, Ill.
- \*Precision Metal Workers, 1443 Carroll av
- \*†Pridmore Henry E. (Molding Machines), 1901 S Rockwell
- \*Prince Elevator Co., 231 W Grand av
- \*Pringle & Brodie (Woodworking Machinery, etc), 514 S Canal
- \*Printers' Chase & Machine Works (Special Machy.), 159 N Jefferson
- \*Progress Machine Works (Hydraulic Presses), 512 N La Salle av
- \*†§Pullman Co. (Car Builders, etc.), Pullman bld. Works: West Pullman, Chicago.
- \*†Pyott Foundry Co. (Iron Fdrs. & Bldrs. Iron Work), 1701 W North av
- \*Quadrige Mfg. & Specialty Co. (Special Machy.), 213 W Grand av  
*See adv index at end of book*
- \*Railroad Supply Co. (Railroad Specialties), 203 S Dearborn
- \*§Railway Steel Spring Co., 108th & Watt
- \*Raymond Bros.' Impact Pulverizer Co. (Brick, Cement, Mining, Paint, Pulverizing, etc), 1319 N Branch
- \*Rebsamen & Almeroth (Brewers' Machinery), 2324 Elston av
- \*Rebuilt Typewriter Co. (Typewriters Rebuilt), 138 S Wabash av
- \*†Reder Foundry Co. (Mach & Builders' Castings), 2125 Canalport av
- \*Redington F. B. Co. (Special Machy., Gears, etc), 112 S Sangamon
- \*†Reedy Foundry Co., 4600 Iowa
- \*Reichel & Drews (Special Machy.), 559 W Lake
- \*Reliance Elevator Co. (Elevators, etc), 212 W Austin av
- \*†Rempe Co. (Cast Iron Pipe & Coils), 341 N Sacramento av
- \*†§Riverside Iron Works, 106th & Bufalo
- \*†Roos Henry Fdry Co., 1749 Ballow
- \*Roth Bros. & Co. (Dynamos & Motors & Electric Drivers), 1400 W Adams
- \*Rouse H. B. & Co. (Printers' Tools, etc.), 2214 Ward
- \*Rowe Jas. (Book Trimming Machy.), 1058 W Harrison
- \*§Ryan J. J. & Co. (Brass Founders & Finishers), 104 S Jefferson
- \*Ryerson Joseph T. & Son, 2558 W 16th
- \*Saal H. G. Co. (Dies & Tools), 4410 Ravenswood av
- \*Sackett H. B. Screen & Chute Co. (Coal Handling Machy., etc), 1691 Elston av
- \*Sandberg Adolph L. (Sand Forging, etc.), 222 S Clinton
- \*Sargent E. H. & Co. (Laboratory Apparatus, etc.), 125 W Lake
- \*Savage Bros. Co. (Confectioners' Machinery), 321 W Austin
- \*Scaar Frank & Co. (Architectural), 1042 W 11th
- \*Schindler A. J. Co. (Machinery), 1314 W 21st
- \*§Schlangen Racker Co. (Brewers' Machy.), Clybourn & Herndon
- \*Schultz A. L. & Son (Power Transmitting Machy.), 1675 Elston av
- \*Schultz Richard A., 1511 N Halsted
- \*Schultz Walter L., 6432 Nordica av
- \*Schureman J. L. Co. (Elec. Specialties), 122 S Michigan av
- \*†Semi-Steel Test Foundry Co., 4916 Bloomingdale av
- \*†Sheffield Foundry Co. (Iron Fdrs.), Clybourn av & Herndon
- \*Shone Co. (Ejectors), 231 Institute pl
- \*Sim Geo., 421 S Clinton
- \*†Skillin & Richards Mfg. Co. (Grain Elevator Machinery), 4520 Cortland
- Skinner N. B. & Co. (Steam Specialties & Boring Machines for Electric Wiring), 562 W Washington
- \*Smallbone Mfg. Co. (Sewing Machine Parts, etc), 1821 Berteau
- \*Smeeth-Harwood Co. (Bronze & Copper Castings for Blast Furnaces), 2401 W 22nd
- \*†Smith Chas. Co. (Furnaces, etc.), 57 W Lake
- \*Smith F. H. Mfg. Co. (Hand & Foot Power Riveting Machines, etc.), 3047 Carroll av
- \*†§SMITH F. P. WIRE & IRON WORKS (Builders' Iron Work & Iron & Bronze Castings), Lake & Dearborn.  
*See adv index at end of book*
- \*†Smith Paul, 558 Washington blvd
- \*Smith & Phillips Mfg. Co. (Woodworking Machinery), 412 N Sangamon
- \*Smurr & Kamen Machine Co. (Wire Crimping, Cutting & Counting Combined Machines, etc.), 313 North Whipple
- \*†South Halsted Street Iron Works (Fdrs. & Bldrs.' Iron Work), 2607 S Halsted
- \*†§Sprague Canning Machy. Co. (Canning Machinery, etc.), 222 N Wabash av
- \*Standard Car Truck Co. (Car & Locomotive Trucks, etc.), 332 S Michigan av
- \*Standard Coupler Co., 122 S Michigan
- \*Standard Diamond Drill Co. (Diamond Core Drills), 38 S Dearborn
- \*†§Standard-Tyler Co. (Fdry. & Iron & Brass & Wire Works), 2436 W 15th
- \*Star Brass Works (Whitewash Machines, Finishers, etc.), 319 N Albany av
- \*Staver Carriage Co. (Feed Mills, Carriages, etc.), 76th & Wallace
- \*Stecher Chas. Co. (Canners' Machy.), 1580 Crossing
- \*§Stewart-Warner Speedometer Corp. (Speedometers, etc.), 1848 Diversey Parkway
- \*†Street & Kent Mfg. Co. (Brass Fdrs., Plumbers' Brass Specialties), 549 Fulton
- \*Strohm W. A. & Bro. (Bicycles & Novelties), 1612 W Lake
- \*§Stromberg Motor Devices Co., 68 E 25th
- \*Strube Machine Works (Machinists, Special Machinery), 337 W 25th
- \*Sullivan Machinery Co. (Rock & Diamond Drills), Peoples Gas bldg
- \*Superior Machine & Boiler Works (Machinists), 848 W Superior
- \*†Superior Stove Works (Laundry Stoves), 332 W Superior
- \*Surerus & Greenhill (Milling Cutters, etc.), 502 W Division
- \*Swenson Evaporator Co. (Evaporating & Chemical Machy.), 53 W Jackson
- \*†Tarrant Foundry Co. (Iron Fdrs., Light & Heavy Grey Iron Castings, etc), 373 W Grand av
- Tarrant Robt. (Marine Engines, etc.), 323 W Illinois
- Templeton Kenly & Co. (Ltd.) (Track Jacks, etc), 1020 S Central av
- \*Thomas Elevator Co. (Hod Hoisting Machinery, etc.), 20 S Hoyne
- \*Toles W. C. Co. (Special Machinery & Vises), 4034 N Tripp av
- \*Traub W. F. (Steel Ranges), 912 Montrose av
- \*Trini A. & Co., 557 W Adams
- \*Troy Laundry Machinery Co. (Ltd.) (Laundry Machinery), 23d & La Salle
- Tunelius Machine Co., 411 S Clinton
- \*†Union Foundry Works (Iron Founders & Builders' Iron Works), First Natl. Bank bldg
- \*Union Special Machine Co. (Sewing Machines), 300 W Kinzie
- \*†Union Wire Mattress Co., Blackhawk & Cherry
- \*U. S. Ball Bearing Mfg. Co. (Ball Bearings), 4535 Palmer
- \*U. S. Bottlers' Machinery Co., 1033 W Lake
- \*U. S. Slicing Machine Co., 189 N Dearborn
- \*Universal Type Making Machine Co. (Type Casting Machines), 343 S Dearborn
- \*†Variety Mfg. Co., 2958 Carroll av
- \*Venn-Severin Machine Co., 1317 W North
- \*†Vierling Steel Works (Founders & Bldrs.' Iron Work), 23d & Stewart av
- \*†Vulcan Iron Works (Fdrs. & Machinists Pile Driving Machinery, etc), 327 N Irving av
- \*Wachs E. H. Co., 149 W Grand
- \*Wahl Adding Machine Co. (Adding Machines), 232 E Ohio
- \*Walsh Press & Die Co. (Presses, Dies, Special Machinery, etc.), 4709 W Kinzie
- \*Walworth A. O. & Co., 30 S Clinton
- \*Watling Mfg. Co. (Coin Operating Machines), 1029 W Adams
- \*Weber Bros. Metal Works, 108 N Jefferson
- \*Webster Mfg. Co. (Gas, Gasoline & Petroleum Engines), 332 S Michigan av
- \*§Weir & Craig Mfg. Co. (Steam Specialties, etc.), 2421 Wallace
- \*†Welch E. J., Fdry. Co. (Brass & Iron Castings, etc.), 24th & Wallace
- \*†Weller Mfg. Co. (Elevating & Conveying, Grain Elevator, Power Transmitting Machinery, etc.), 853 W North av
- \*Wells F. C. (Repairs on Pumps), 101 S Clinton
- \*Westerlin & Campbell Co. (Refrigerating Machy.), 26 N Clinton
- \*§Western Brass Mfg. Works (Brass & Bronze Hardware, Plumbers' Brass Goods & Brass & Composition Castings), Marshall blvd & W 21st
- \*†Western Foundry Co. (Iron Fdrs., Soft Grey Iron Castings), 3634 S Kedzie av
- \*†§Western Steel Car & Foundry Co. (Steel Cars & Castings), Peoples Gas bldg
- \*†White Brass Castings Co. (Die Moulded Castings), 1656 Austin av
- \*Whiting Geo. Co. (Punching & Shearing Machy.), 1719 Elston av
- \*Wilcor Mfg. Co. (Spinning Lathes, etc.), 4824 W Lake
- \*Willard Sons & Bell Co. (Steam Forging & Machinists), 3044 98th
- \*Williams-Anderson Machinery Co., 569 W Van Buren
- \*†§Winslow Bros. Co. (Ornamental), 4600 W Harrison
- \*Wirebounds Corp., 111 W Washington
- \*Wold Torris & Co. (Canners' & Special & Experimental Machy. & Models), 240 N Ashland av
- \*†§Wolff L. Mfg. Co. (Iron & Brass Fdrs., Plumbers' Supplies, Cast Iron Pipe & Plumbers' Brass Goods, etc.), 601 W Lake
- \*Wood Morris & Son (Moulding & Carving Machines), 5108 W Lake
- \*Woodlawn Repair Co., 867 E 63d
- \*Woods Motor Vehicle Co., 2500 Cottage Grove av
- \*Wrigley Thos. Co. (Printing Presses & Special Machinery), 416 S Dearborn
- Yeomans Bros. Co. (Electric Pumping Machy.), 231 Institute pl
- \*Zoeller Wm. Co. (Machinist), 325 N Curtis
- CHICAGO HEIGHTS—\*†Allen Edgar American Manganese Steel Co.
- \*Ayer Fred H. Mfg. Co. (Electrical Appliances, etc.)
- \*†Canedy-Otto Mfg. Co. (Anvils, Vises, Forges, Blowers, Drills, etc.)
- \*Funk Bros. Mfg. Co. (Miners' Tools & Supplies, etc.)
- \*Inland Steel Co. (See Chicago, Ill.)
- \*Kennicott Co. (Water Softeners, etc.), 134 S LaSalle



†King & Andrews Co.  
 †McDowell Fdry. Co. (Iron Founders, etc.)  
 \*Morden Frog & Crossing Works, 208 S La Salle. (See Chicago, Ill.)  
 \*†Quaker Mfg. Co.  
 \*Van Doren Mfg. Co. (Tool Holders, etc.)  
 \*Wood, Smith & Co. (Carriage & Wagon Axles, etc.)  
 CHILLICOTHE—\*Slinn H. H.  
 CICERO—\*Coonley Mfg. Co. (Tinware Mfrs., etc.)  
 †Crown Stove Works. Office: Chicago, Ill.  
 CISSNA PARK—†Gerard Michael  
 CLAYTON—\*†Birkett A. S.  
 COBDEN—\*Ede G. A. (Machinist)  
 COLLINSVILLE—\*†Bernhardt, Niehaus & Co.  
 \*†Blum Mfg. Co. (Stock Bells, etc.)  
 CONCORD—\*Rayborn J. J.  
 COULTERVILLE—\*†§Bonas E. & Sons  
 DANVILLE—\*Allith-Prouty Co. (Door Hangers, etc.)  
 Chesley Bros. (Boiler Repairs)  
 Chesley J. L. (Boiler Repairs)  
 \*†§Danville Foundry & Machine Co. (Brass & Iron Castings, Mine Car Wheels, etc.)  
 †Danville Malleable Iron Co.  
 †Fairhall Joseph Jr.  
 \*Holmes Robert & Bros. (Mine Hoists, etc.)  
 \*Scherer Machine Co.  
 DECATUR — \*Beall Improvement Co. (Flour Mill Machy.)  
 \*Bold, Wm. M. (Machinist)  
 \*Brett Wm. P. (Machinist)  
 \*Chambers, Bering, Quinlan Co. (Agricultural Implements)  
 \*Curtis Truck & Forging Co. (See Chicago, Ill.)  
 †Decatur Fdry. Co. (Grey Iron Castings)  
 \*§Faries Mfg. Co.  
 \*Hartley C. J. Co. (See Peoria, Ill.)  
 \*§Mueller H. Mfg. Co. (Drilling & Tapping Machines, Water, Plumbing & Gas Brass Goods)  
 \*§Mueller H. Mfg. Co.  
 \*Oakes W. L.  
 \*Specialty Mfg. Co. (Pencil Sharpeners)  
 \*†Stevens Mfg. & Foundry Co. (Agr'l Implements & Iron Castings)  
 \*†Union Iron Works (Grain Cleaning, Power Transmitting & Flour Mill Machy., etc.)  
 DE KALB—\*†Haish Jacob Co. (Barb Wire & Agricultural Implements)  
 \*Kohler Die & Specialty Co. (Tools, Dies, Presses, Special Machy., etc.)  
 \*†Standard Foundry & Mfg. Co.  
 DIXON—†Grand Detour Plow Co. (Agr'l Impls., Plows, etc.)  
 DOWNERS GROVE—\*Dicke Tool Co. (Linemen's Construction Tools, etc.)  
 \*§Hawkins H. J.  
 DU QUOIN—\*†Blakeslee Mfg. Co. (Steam Pumps, etc.)  
 EAST MOLINE—\*†Marseilles Co. (Agricultural Implements, etc.)  
 \*†§Moline Scale Co.  
 \*†Root & Van Der Voort Engineering Co. (Gas & Gasoline Engines, etc.)  
 †§Union Malleable Iron Co. (Malleable Castings)  
 EAST ST. LOUIS—\*†American Pulverizer Co. (Pulverizing Machinery, etc.)  
 \*†American Steel Foundries  
 \*Elliott Frog & Switch Co. (Frogs, Switches, Railroad Specialties, etc.)  
 \*†Excelsior Tool & Machine Co. (Punches, Shears, Castings, etc.)  
 \*Missouri Bridge & Iron Co.  
 \*†Missouri Malleable Iron Co. (Malleable Iron Castings)  
 \*Railway Steel Spring Co.  
 \*St. Louis Bed & Mfg. Co. (Iron & Brass Beds)  
 EDWARDSVILLE — \*Bernhardt Manufg. Co. (Agric. Impls.)  
 \*Desmond M. Mfg. Co. (Steel Trucks & Cars)  
 \*§Edwardsville Brass Co. (Brass Fdrs. & Plumbers' Brass Goods)  
 §Leclair Mfg. Co. (Plumbers Supplies)  
 EFFINGHAM—\*Alt Fred  
 ELGIN—\*Elgin Brass & Electrical Mfg. Co.  
 \*Elgin Gas Engine & Machine Co.

\*†Elgin Manufg. Co. (Condensed Milk Machy.)  
 \*Elgin Metal Novelty Co. (Piano Players' Hardware & Fine Machinery)  
 \*Elgin National Watch Co. (Watches & Metal Cases)  
 \*Elgin Tool Works (Special Machy.)  
 \*Elgin Wheel & Engine Co. ("Redemotors" Small Gasoline Engines)  
 \*Elgin Wind Power & Pump Co.  
 \*§Moody Chas. J.  
 \*Moseley Lathe Co. (Bench Lathes)  
 \*†Woodruff & Edwards Co. (Coffee Mills & Grey Iron Castings, etc.)  
 EVANSTON — \*†Comstock A. S. (Air Pumps, Gas Forges, etc.)  
 \*§Mark Mfg. Co. (Artesian & Tubular Well Specialties, etc.)  
 \*Symons Bros Co.  
 FAIRFIELD—\*Heidinger Frank (Machinist)  
 FILLMORE—\*Whitten & Ludewick  
 FRANKLIN PARK — \*Franklin Park Foundry Co. (Malleable Iron Fdrs.)  
 FREEPORT—\*†§Arcade Mfg. Co. (Molding Machines, etc.)  
 \*Bloom-Burns Manufg. Co. (Manure Spreaders)  
 §Freeport Brass Foundry  
 \*Freeport Gas Machine Co. (Gas Engines, etc.)  
 \*Freeport Motor Co. (Jobbing)  
 \*Hoefler Mfg. Co. (Machine Tools, etc.)  
 \*Jastram Fred'k (Gasoline)  
 \*Peerless Machine Works (Faucets & Bungs, etc.)  
 \*†Rawleigh-Schryer Co. (Gasoline Engines, Grey Iron Castings, Windmills, etc.)  
 \*Schofield & Co. (Potato Planters, etc.)  
 \*Severence Gas Machine Co. (Gas Machines)  
 \*†Stover Engine Wks. (Gasoline Engines, Castings, etc.)  
 \*Stover Gas Machine Mfg. Co.  
 \*†§Stover Mfg. Co. (Windmills, Pumps & Light Grey Iron Castings, etc.)  
 \*†Woodmanse Mfg. Co. (Pumping & Power Steel & Wooden Windmills & Iron & Brass Fdrs.)  
 FULTON—†Mississippi Valley Stove Wks. (Stoves, etc.)  
 GALENA—\*†§Galena Iron Works Corp. (Iron Founders & Mining Machinery, etc.)  
 \*†Westwick Jno. & Son (Iron Fdrs., Steam Engines, Furnaces, etc.)  
 GALESBURG—\*†Colton G. D. & Co.  
 \*†Frost Mfg. Co. (Steam Engines, Boilers, Dry Pans, etc.)  
 \*†Galesburg Machine Works (Grey Iron Castings & Jobbing Machinists)  
 †Galesburg Malleable Castings Co. (Grey Iron & Malleable Iron Castings)  
 \*Galesburg Writing Machine\* Co. (Typewriters, Adjustaphones, etc.)  
 \*May Bros. (Windmills, etc.)  
 \*Robson Manufg. Co. (Automobile Parts)  
 \*†§Walton-Van Huffel Mfg. Co. (Grey Iron Castings & Jobbing Machinists)  
 \*†§Wenzelman Mfg. Co. (Farm Elevators & Wagon Dumps)  
 GALVA—\*Galva Heater Co. (Steam Heaters & Corn Planters)  
 †§Hayes Pump & Planter Co. (Pumps, Cultivators, Planters, etc.)  
 \*†Wistrand Mfg. Co. (Pumps, Corn Planters, etc.)  
 GENEVA—\*Burgess & Norton Mfg. Co. (Hdw. Specialties, Ball Bearing Axles, etc.)  
 \*†Howell W. H. Co. (Sad Irons, etc.)  
 GIBSON CITY—\*†Gibson Iron Works (Radiators & Iron Fdrs.)  
 GRAFTON—\*Rippley Mfg. & Steel Boat Co. (Steam Feed Cookers, Sprayers & Metal Boats)  
 GRANITE CITY—\*†American Steel Foundries (Steel Cars, Trucks & Castings). (See Chicago, Ill.)  
 \*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc.). (See St. Louis, Mo.)  
 \*Hoyt Metal Co.  
 \*National Enameling & Stamping Co. (See New York City)  
 GREENVILLE—\*Kruger Philip J. (Machinist)  
 HARVEY—\*American Stove Co. (of St. Louis) (Stoves, Steel Ranges, etc.)

\*Austin Mfg. Co. (See Chicago)  
 \*Bliss & Laughlin (Key Seating & Shafting)  
 \*†§Buda Co. (See Chicago)  
 \*†§Calumet Foundry Equipment Co. (Fdry. Equipment)  
 \*Chicago Steel Car Co.  
 \*†Dee Wm. E. Co. (Sewer Pipes)  
 \*Hotchkiss, Blue & Co. (See Chicago, Ill.)  
 †Koch Bros.  
 \*§Pettigrew Foundry Co. (Iron Castings, Machinists' Pattern Makers)  
 \*Strang Engine Co. (Gas, Gasoline & Kerosene Engines)  
 !\*§Whiting Foundry Equipment Co. (Fdry. Equipment, Electric Cranes, etc.)  
 HAVANA—\*Crescent Forge & Shovel Co. (Shovels, etc.)  
 \*†§Havana Mfg. Co. (Gas Engines, etc.)  
 †Havana Metal Wheel Co. (Metal Wheels, etc.)  
 \*Perkins Bros. (Gas Engines, etc.)  
 HIGHLAND—\*Leutwiler Bros. (Machinists)  
 HINCKLEY—\*Davis L. E.  
 HOOPESTON—\*Green John & Sons (Jobbing)  
 \*†§Sprague Canning Machinery Co.  
 †§Vermillion Malleable Iron Co.  
 JACKSONVILLE—†§Bambook A. W.  
 \*Illinois Steel Bridge Co.  
 \*Kellogg Bros. & Co. (Machinists)  
 JOLIET—\*†§Bates Machine Co. (Steam Engines & Wire Mill Machy., etc.)  
 \*†Buckeye Engine & Foundry Co. (Gas & Gasoline Engines, etc.)  
 \*†Champion Machinery Co. (Bakers' Machinery, etc.)  
 \*Ditto G. M. (Agrl. Implements)  
 \*Hardy Wallace L. (Machinist)  
 \*†Humphrey & Sons (Wire Mill Machinery)  
 \*†§Illinois Steel Co. (See Chicago)  
 \*†Joliet Mfg. Co. (Corn Shellers, etc.)  
 \*Moore Bros. Co. (Stoves, etc.)  
 \*†§Pratt Wm. E. Mfg. Co. (See Chicago)  
 \*Van Fleet Mfg. Co.  
 KANKAKEE—\*†§Beaumont Valve & Hydrant Works (Valves, Hydrants, etc.)  
 †Kankakee Foundry Co.  
 \*Pratt Edwin & Sons  
 \*Soper Geo. E.  
 \*Tait Mfg. Co. (Machinery, etc.)  
 KEWANEE—\*Demmer Wm. & Bro. (Fdry. Plant Machinery, etc.)  
 \*Kewanee Private Utilities Co. (Gasoline Engines), West Side  
 \*†§Peters Pump Co. (Agrl. Impls., Pumps, etc.)  
 LADD—\*Erickson Andrew L.  
 LA SALLE—\*†§La Salle Machine & Tool Co. (Surface Grinders)  
 \*Western Clock Mfg. Co. (Clock Mfrs., etc.)  
 LEMONT—\*§Illinois Pure Aluminum Co.  
 LEROY—\*Jones Chas. D. (Machine)  
 LIBERTYVILLE—\*Laycock W. Co. (Engines, etc.)  
 LINCOLN—\*†iles Edw.  
 \*Mohn H. (Machinist)  
 LITCHFIELD—\*†American Radiator Co. (See Chicago)  
 \*†Litchfield Fdry. & Machine Co. (Machinery & Grey Iron Castings)  
 LOCKPORT—\*§Barrows Lock Co.  
 McHENRY—\*Engeln M. & Son  
 MACOMB—\*†Fisher A. (Fdry. & Machinist)  
 MADISON—\*†§American Car & Foundry Co. (See St. Louis, Mo.)  
 MARENGO—\*†Marengo Foundry & Machine Co. (Gas Engines, etc.)  
 MAROA—\*Maroa Mfg. Co. (Agrl. Impls., Car Loaders, etc.)  
 MARSEILLES—\*Goodell J. H. & Son  
 \*Marseilles Harrow Mfg. Co. (Harrow, etc.)  
 \*†O'Neil T. L. (Agricultural Implements, etc.)  
 MARTINSVILLE—\*Rowe M. A. (Machinist)  
 MASCOUTAH—\*Schnebelin Fred (Jobbing)  
 MATTOON—\*†Chuse Engine & Mfg. Co. (Engines, Fdrs., Machinists, etc.)  
 \*Clark H. W. Co. (Meter Boxes & Water Appliances)  
 \*Thatcher Bros.  
 MELROSE PARK — †National Malleable Castings Co. (See Cleveland, O.)



- MENDOTA—\*Black Bros. Machinery Co.  
\*‡Mendota Mfg. & Transfer Co.  
\*Tower J. D. & Sons Co. (Agrl. Im-  
plements)
- MOLINE—\*‡Barnard & Leas Mfg. Co.  
(Flour Mill & Grain Elevator Ma-  
chinery)  
\*Borg & Beck Co. (Woodworking Ma-  
chinery)  
\*‡Cooper H. W. Saddlery Hdw. Mfg.  
Co. (Malleable Iron Castings)  
\*‡Deere & Co. (Agrl. Impls.)  
\*‡Deere & Mansur Co. (Agrl. Implt.  
Mfrs.)  
\*‡Moline Foundry Co. (Grey Iron  
Castings)  
\*‡Moline Plow Co. (Agrl. Implements,  
Plows, etc.)  
\*‡Moline Tool Co. (Gang Drills)  
\*Montgomery Elevator Co. (Elevators)  
\*Reynolds Pattern & Machine Co.  
\*‡Schmidt Joseph (Brass Fdry.)  
\*Sechler D. M. Implement & Carriage  
Co.  
\*‡Western Pattern & Mfg. Co.  
\*‡Williams, White & Co. (Heavy  
Machy.)
- MONMOUTH—\*‡Maple City Foundry &  
Furnace Co. (Grey Iron Castings,  
Furnaces, etc.)  
\*Milne Mfg. Co. (Stump Pullers, etc.)  
\*Monmouth Plow Factory (Plows,  
Cultivators, Harrows)  
\*‡‡Pattee Plow Co. (Agrl. Impls.,  
Plows, etc.)
- MORRIS — \*‡‡Coleman Hardware Co.  
(Door Hangers, etc.)
- MORRISON—\*Illinois Refrigerator Co.
- MOUNT VERNON—\*‡Mount Vernon Car  
Mfg. Co. (Car Builders, Car  
Wheels, Castings, etc.)
- MURPHYSBORO — \*‡‡Southern Illinois  
Machine & Fdry. Co. (Iron &  
Brass Castings, Mine Cars, etc.)
- NAPERVILLE—\*Goetsch & Son (Plows,  
etc.)
- NEW ATHENS — \*‡Auto Stove Works  
(Stoves, etc.)
- NORTH AURORA—\*‡Sperry D. R. & Co.  
(Filter Presses, Evaporators, Va-  
cuum Pans, etc.)
- NORTH CHICAGO—\*‡‡Chicago Hardware  
Fdry. Co. (Light Grey Iron, Brass  
& Aluminum Castings, etc., Gas  
Engines, etc.)  
\*Great Lakes Machine Co. (Riveting  
Machines)  
\*North Chicago Machine Co. (Gas En-  
gines, etc.)
- O'FALLON—\*‡‡Willard Wm. G. (See St.  
Louis, Mo.)
- OAK PARK—\*U. S. Ball Bearing Mfg. Co.  
(Ball Bearings)
- OREGON—\*American Lock Nut & Tool  
Co. (Lock Nuts, etc.)
- OTTAWA—\*‡‡Knowles W. M. Foundry &  
Machine Co. (Builders' Iron Work  
& Castings)  
\*‡‡Porter J. E. Co. (Stable Fittings)  
\*Stewart Bros. (Testing Instruments)
- PANA—\*Progressive Mercantile & Mfg.  
Co. (Machinery Dies, etc.)
- PARIS — \*‡McGuire-Cummings Mfg. Co.  
(See Chicago)  
\*‡Reese F. W.  
\*Robertson J. L. Machine Co.
- PEKIN—\*‡‡Duisdieker Fdry. & Mfg. Co.  
(Machinists & Iron Fdrs.)  
\*Pekin Engine & Machine Works  
\*Pekin Wagon Co. (Wagons, etc.)
- PEORIA—\*‡‡Acme Harvesting Machine  
Co. (Agrl. Impls.)  
\*Armstrong Jas. C. Machine & Fdry  
Co. (Gears, Pinions, etc.)  
\*‡Bartholomew Co. (Coffee & Peanut  
Roasting Machines)  
\*Black-Woods Mfg. Co.  
\*‡Brass Foundry Co. (Brass Fdrs. &  
Machinists)  
\*Central Brass Stamping Co.  
\*Electrical Testing Co. (Repair  
Meters, etc.)  
Fischbach Manufg. Co. (Gasoline En-  
gines)  
\*Hagerty Bros. Co.  
\*‡Hart Foundry Co.  
\*Hart Grain Weigher Co. (Grain  
Weighers, etc.)  
\*Hartley C. J. Co. (Pumps) Works:  
Decatur, Ill.  
\*Herschel R. Mfg. Co. (Agrl. Impls.)  
\*‡Holt Mfg. Co. (Caterpillar Tractors  
& Harvesters & Engine Machy.)  
\*Illinois Electric Mfg. Co.  
\*‡Illinois Pump & Brass Co. (Lifts &  
Pumps, etc.)
- \*King Light Co. (Gasoline Lamps,  
Stoves, etc.)  
\*‡Kinsey & Mahler Co. (Steam Spe-  
cialties & Plumbers' Brass Goods.)  
\*Kramer Automatic Tamping Co. (Con-  
crete Tampers, etc.)  
‡Lucas A. & Sons Co.  
\*Meyer Furnace Co.  
\*‡Nichols & Shepard Co. (See Battle  
Creek, Mich.)  
\*Oltmanns, Schmidt & Co. (Ornament-  
al Iron Work, etc.)  
\*Peoria Coal Drill Works (Coal  
Drills)  
\*‡Peoria Drill & Seeder Co. (Agrl.  
Impls.)  
‡Peoria Foundry Co., (Iron Fdrs,  
Bldrs' Grey Castings, etc.)  
\*‡Pfundstein S. Tool Works (Stone  
Cutters' Tools, etc.)  
\*Schneider & Metzger (Machinists)  
\*Seater Manufg. Co. (Seeders)  
\*Smith E. M. & Co.  
\*Tichenor F. C. Gear Works (Gears  
& Pinions, etc.)
- PERU—\*‡Brunner Foundry & Machine  
Co. (Gas Engines, Scales & Cast-  
ings)  
\*Peru Plow & Wheel Co. (Agrl. Im-  
pls., Plows, etc.)
- PONTIAC—\*Meadows Mfg. Co. (Agricul-  
tural Impls, Washing Machines,  
etc.)  
\*‡Spartan Mfg. Co. (Grey Iron Cast-  
ings, Feed Mills, etc.)
- PRINCETON—\*Evans & Coppins Co.  
(Ball Bearing Axles, etc.)
- PROPHETSTOWN—\*Eclipse Lawn Mower  
Co. (Lawn Mowers, etc.)
- QUINCY—\*Berghofer-Mitchell Co. (Steel  
Ranges)  
\*‡‡Bush Foundry & Metal Wheel Co.  
(Metal Wheels & Castings)  
‡Channon-Emery Stove Co. (Stoves,  
etc.)  
\*Clough Concrete Construction Co.  
(Concrete Machinery)  
\*Collins Plow Co. (Agricultural Im-  
pls.)  
‡Comstock-Castle Stove Co. (Stoves  
& Ranges)  
\*‡ELECTRIC WHEEL CO. (Metal  
Wheels, Cars, Carts, etc.), Station D  
See adv index at end of book  
\*Empire Mfg. Co. (Metal Wheels)  
\*Ertel Geo. Co. (Hay Presses, etc.)  
\*‡Excelsior Stove & Mfg. Co. (Stoves,  
Ranges & Furnaces)  
\*‡‡Gardner Governor Co. (Air Com-  
pressors, Steam Pumps, etc.), 14  
Williamson  
‡Gem City Stove Mfg. Co. (Stoves,  
Heaters & Furnaces)  
\*‡Hayton Pump Co. (Centrifugal  
Pumps, etc.)  
\*Hollister-Whitney Co. (Elevators,  
etc.)  
‡La Grange Foundry Co. (Castings)  
‡Lahan Stove & Mfg. Co. (Stoves,  
etc.)  
\*‡Little J. R. Metal Wheel Co. (Steel  
Wheels for All Purposes)  
\*‡Modern Iron Works (Plumbers' Cast  
Iron & Brass Specialties, etc.)  
\*‡Otis Elevator Co.  
‡Quincy Casting Co.  
\*Quincy Elevator Gate Co. (Elevator  
Gates, etc.)  
‡Quincy Foundry & Novelty Co.  
Stoves, etc.)  
\*Quincy Motor Co. (Gasoline En-  
gines)  
‡‡Quincy Stove Mfg. Co. (Stoves)  
‡‡Reese W. J.  
‡Sheridan Stove Mfg. (Stoves, etc.)  
\*Travilla M. (Stoves, etc.)  
\*‡Van Doorn Co. (Ornamental Iron  
& Brass Work & Brass Castings)  
‡White Thos. Stove Co. (Stoves)  
\*Wiehmer Anton (Jobbing)  
‡Wurst C. H. Co. (Stoves)
- ROCHELLE—‡Whitcomb Geo. D. Co.  
(Mining Mach'y, Stopcock Valves,  
etc.)
- ROCK FALLS—\*Eureka Co. (Working  
Machines)  
\*‡Sterling Mfg. Co. (See Sterling, Ill.)  
\*Superior Machine Co. (Washing  
Machines)  
\*Ulrich Mfg. Co.
- ROCKFORD—\*Atwood Vacuum Cleaner  
Co. (Vacuum Cleaners)  
\*‡Barnes Drill Co. (Machine Tools)  
\*‡Barnes W. F. & Jno. Co. (Mach.  
Tools & Woodworking Mach'y)
- \*Billstrom Nels J. (Gluing Clamp  
Corners, etc.)  
\*Burson Manufg. Co. (Knitting Ma-  
chines)  
\*Dickenson H. G. (Jobbing Ma-  
chines)  
\*‡Eclipse Gas Stove Co. (Gas Stoves  
& Ranges)  
\*‡‡Emerson-Brantingham Co. (Agrl.  
Implts., Mowers, Plows, Cultivat-  
ors, Traction Engines, etc.)  
\*Ford Mfg. Co. (Agric. Impls.)  
\*Forest City Bit & Tool Co. (Boring  
Tools, etc.)  
\*Forest City Machine Co. (Jobbing)  
\*‡Free Sewing Machine Co. (Sewing  
Machinery.) (See Chicago, Ill.)  
\*‡Greenlee Bros. & Co. (Woodworking  
Mach'y)  
\*Houston Mfg. Co. (Vacuum Cleaners)  
\*Ingersoll Milling Machine Co. (Mach.  
Tools)  
\*Jackson Mfg. Co. (Washing Ma-  
chines)  
\*‡Love M. A. Mfg. Co. (Pumps, Cast-  
ings, etc.)  
\*Marsh H. C. Co. (mitre boxes)  
\*Mechanics Machine Co. (Drill  
Presses)  
\*National Lock Co.  
\*Peerless Machine Co. (Drilling Ma-  
chines)  
\*Redin, Ekstrom & Co. (Piano Action  
Machinery, etc.)  
Redin Jno. E. (Cutter Heads, etc.)  
\*‡Rockford Brass Works (Plumbers'  
Brass Goods, etc.)  
\*‡Rockford Drilling Machine Co.  
\*‡Rockford Iron Works (Power  
Presses)  
\*Rockford Lathe & Drill Co. (Ma-  
chine Tools)  
\*Rockford Machine Tool Co. (Machine  
Tools, etc.)  
\*‡‡Rockford Malleable Iron Works  
Inc. (Malleable Iron & Air Fur-  
nace Castings)  
\*‡Rockford Mfg. Co. (Agrl. Impls.,  
Plows, Harrows, etc.)  
\*Rockford Milling Machine Co. (Hand  
Milling Machines)  
\*Rockford Tool Co. (Machine Tools)  
\*Rockford Watch Co. (Watches, etc.)  
\*Savage & Love Co. (Jobbing, etc.)  
\*Star Bit & Tool Co. (Wood Boring  
Tools, etc.)  
\*‡Trahern Pump Co. (Pump, Castings,  
etc.)  
\*‡Union Foundry & Machine Co.  
(Grey Iron Castings, etc.)  
\*‡‡Ward Pump Co. (Pumps, Castings,  
etc.)  
\*Whitacre-Goshert Mfg. Co. (Gas  
Machines, etc.)  
\*Woodward Governor Co. (Water  
Wheels, etc.)
- ROCK ISLAND—\*‡‡Blake Specialty Co.  
\*Bliesener W. J. (Dies & Tools)  
‡Blake Specialty Co. (Plumbers Sup-  
plies)  
\*Davis Machine Shop  
\*Electric Construction & Machinery  
Co.  
\*Gearless Automatic Pump Co.  
\*Griswold Manufg. Co. (Slot Ma-  
chines)  
\*‡Rock Island Mfg. Co. (Grey Iron  
Castings, Bench Vises, etc.)  
‡Rock Island Metal Foundry (Alum-  
inum, Automobile, Brass &  
Bronze Castings), 585 51st  
‡‡Rock Island Stove Co. (Stove Mfrs.)  
\*‡‡U. S. Arsenal (Fdry. Dept.)
- ST. CHARLES—\*‡Crown Electrical Mfg.  
Co. (Chandeliers, Bicycle Chains,  
etc.)  
\*Faultless Iron Works (Steel Ranges,  
etc.)  
\*‡‡Glenn Fred E. (Cast Iron Soil  
Pipe & Plumbers Iron & Brass  
Specialties)  
‡Moline Malleable Iron Co.  
\*St. Charles Specialty Mfg. Co. (Auto  
Jacks & Special Machinery)
- SALEM—\*Merz N & Son
- SANDWICH—\*Hinman D. A. & Co. (An-  
gle Benders, etc.)  
\*‡Sandwich Mfg. Co. (Agrl Impls.  
Harvesters, Mowers, etc.)
- SAVANNA—\*Oyster L. A. (Agrl. Impls.)
- SHAWNEETOWN—\*‡‡Quick James W.
- SHELBYVILLE—\*‡Sturgis W. B. & Sons  
(Plows, etc.)
- SIDELL—\*Cross & Parham



SPARTA—\*Little Giant Punch & Shear Co.  
 \*Sproul Matt Co. (Punches, Shears, etc.)  
 SPRINGFIELD—\*Ansell Oscar (Machinist)  
 \*Bisch Geo. F. (Stoves)  
 \*Bieser Jacob (Machinist)  
 \*†Fetzer & Co. (Agr. Impls., etc)  
 \*Haas R. Electric & Mfg. Co. (Electrical Supplies, etc.)  
 \*†Ide A. L. & Sons (Steam Engines, etc.)  
 \*Illinois Watch Co. (Watches, etc.)  
 \*Lourie Mfg. Co. (Tire Setters)  
 \*Mussillon J. A. & Bro.  
 \*Otto & Scherf  
 \*Racine-Sattley Co. (Agricultural Impls., etc.)  
 \*Sangamon Electric Co. (Meters)  
 †Springfield Boiler Co. (Dredging Machy.)  
 \*Weaver Mfg. Co. (Tools, Chucks, etc.)  
 STERLING—\*Bauder E (Machinist)  
 \*†Charter Gas Engine Co. (Gas Engines)  
 \*Lawrence Bros. (Door Hangers, etc.)  
 \*Meister & Cochran (Radiators, etc.)  
 \*National Mfg. Co. (Door Hangers)  
 \*†Novelty Iron Works (Grey Iron Castings, Fountains, etc.)  
 \*Platt Addison J.  
 \*†Sterling Foundry Co. (Castings)  
 \*†Sterling Mfg. Co. (Agr. Impls.)  
 \*Sterling Pattern Works (Corn Planters)  
 Superior Machine Co. (Washing Machines)  
 STREATOR—\*G. & D. Mfg. Co. (Portable Grain Elevators, etc.)  
 \*Graves L. L. (Jobbing)  
 \*†Patch S. B. & Sons Co.  
 \*Press Wells H. Co. (Washing Machines)  
 TAYLORVILLE—\*Baughman S. E. & Sons (Agricultural Implements)  
 \*Hollis N. F. (Machinist)  
 TINLEY PARK—\*Boldt George  
 TRENTON—\*Leutwiler J. H.  
 URBANA—\*†Leavitt Mfg. Co. (Gasoline Engines, Cement Tile Machines, etc.)  
 VANDALIA—\*†Craycroft & Son, (Brick Machinery & Fdry.)  
 VAN ORIN—\*Zimmerlein N (Pumps etc.)  
 VERMILION—\*Downing T. D.  
 WATSEKA—\*†Henderson & Son  
 WAUKEGAN—\*†American Steel & Wire Co. (See Chicago, Ill.)  
 \*Chicago Recording Scale Co. (Piano Motors, Novelties, etc.)  
 \*Nelson N.  
 \*§Northern Brass Mfg. Co. (Plumbers Brass Goods)  
 WEST CHICAGO—\*†Union Tool Co. (Oil & Gas Well Machinery & Tools)  
 WINTHROP HARBOR—\*Willard Chas. P. & Co. (Marine Engines, etc.)  
 WOODSTOCK—\*Abbott C. T.  
 \*Griebel E. G. (Machinists)  
 \*§Oliver Typewriter Co. (See Chicago)  
 XENIA—\*Pierce Jno. A. (Machinist)

## INDIANA.

ALEXANDRIA—\*Reeves James M. (Agricultural Impls.)  
 ANDERSON—\*Anderson Computing Scale Co. (Computing Scales, etc)  
 \*†Anderson Foundry & Machine Works (Tin & Brick Machinery & Castings)  
 Arvac Mfg. Co. (Electric Motors, etc)  
 \*Buckeye Mfg. Co. (Gasoline Engines)  
 \*Dice Engine Co. (Gasoline Engines)  
 \*†Hill-Tripp Pump Co. (Pump Mfrs.)  
 \*§Lambert Gas & Gasoline Engine Co.  
 †Lavelle Foundry Co. (Brass Fdrs.)  
 \*Pierce Governor Co.  
 \*Reliable Machine Co. (Gas Engines)  
 \*Remy Electric Co. (Starting, Lighting & Ignition Equipment)  
 \*Reynolds Gas Regulator Co. (Gas Regulators)  
 \*†Star Foundry & Machine Works  
 ATTICA—†National Car Coupler Co. (See Chicago, Ill.)  
 AUBURN—\*†Auburn Foundry (Small Iron Castings)  
 \*Auburn Machine & Auto Garage (Repairs, etc.)  
 \*Standard Mfg. Co. (Cigar Lighters, Cheese Cutters, etc.)

AURORA—\*†Aurora Tool Works (Upright Drill Presses, etc.)  
 \*Cheek M. B.  
 \*Stamm Machine Works (Barrel Mach'y)  
 \*†Stedman's Foundry & Machine Works (Crushing & Pulverizing Machinery)  
 BATESVILLE—\*Schott Wm. Machine Shop  
 BEDFORD—\*†Bedford Fdry. & Machine Co. (Derricks, Stone Machy., Brass & Iron Fdrs., etc.)  
 BERNE—\*Moser A. J. & Co.  
 BLOOMFIELD—\*†Bloomfield Mfg. Co.  
 \*Star Jack Co. (Jacks, etc.)  
 Union Jack Co. (Jacks, etc.)  
 BLOOMINGTON—\*Fletcher, E. R.  
 \*†Seward & Co.  
 BLUFFTON—\*†Grimes Geo. W. Co. (Engines, etc.)  
 \*†Red Cross Mfg. Co. (Oil Well Mach'y)  
 BRAZIL—\*†Crawford & McCrimmon Co. (Machinists' & Founders' Clay Working & Wire Fence Machinery, etc.)  
 \*†Knight-Brinckerhoff Piano Co.  
 \*†Shaw Wm. M. Co. (Machinists)  
 \*Wood Turret Machine Co. (Machine Tools, etc.)  
 BREMEN—\*May William (Machinist)  
 BUTLER—\*†Butler Co. (Windmills, Wind Engines, Pumps, etc.)  
 CAMBRIDGE CITY—\*†Bertsch & Co. (Punching & Shearing, Mach'y, etc.)  
 \*National Drill Co. (Cultivators, Grain Drills, etc.)  
 CANNELTON—\*†Cannelton Iron Works  
 CLINTON—\*Shattuck R. P.  
 COLUMBIA CITY—\*Magley Bros.  
 COLUMBUS—\*†Caldwell & Drake Iron Works (Iron Fdrs. & Bldrs. Iron Work)  
 \*†Emerson-Brantingham Co. (See Rockford, Ill.)  
 \*Keller C. M. (Coke Crushers)  
 \*Reeves Pulley Co. (Power Transmission Machinery)  
 CONNERSVILLE—\*Ansted Spring & Axle Co. (Carriage & Wagon Axles & Springs, etc.)  
 \*†Connerville Blower Co. (Pumps, Rotary Blowers, etc.)  
 \*Indiana Lamp Co. (Auto Lamps)  
 \*†Roots P. H. & F. M. Co. (Pumps, Rotary Blowers, etc.)  
 \*§Stant Geo. Machine Works (Brass & Bronze Castings)  
 \*Twentieth Century Mixer Co. (Concrete Mixers)  
 \*United Vacuum Appliance Co. (Vacuum Cleaners)  
 \*Wainwright W. W. & Son  
 CONVERSE—\*†Fink Alexander W.  
 CRAWFORDSVILLE—\*Birch & Birch (Speed Drills, Mach. Box Machinery, etc.)  
 \*Crawfordsville Wire & Nail Co.  
 \*†Lyle & Reynolds.  
 DECATUR—\*†Decatur Fdry. Furnace & Machine Co.  
 DUBLIN—\*Morgan E. S. (Machinist)  
 DYER—\*Batterman Henry C.  
 EAST CHICAGO—\*†Famous Mfg. Co. (Hay Presses & Gasoline Engines)  
 \*Graver Wm. Tank Works  
 \*†Green Engineering Co. (Mechanical Stokers, Castings, etc.)  
 †Hubbard Steel Foundry Co. (Steel Castings, etc.)  
 \*†Limbert Geo. B. & Co.  
 \*Locomotive Super Heater Co.  
 ELKHART—\*Angidile Computing Scale Co. (Scales)  
 \*Briggs Magneto Co.  
 †Chicago Telephone Supply Co. (Telephone Supplies)  
 §Conn Chas. G., Ltd. (Orchestra & Band Instruments)  
 \*Davis Acetylene Co. (Gas Machines, etc.)  
 \*§Elkhart Brass Mfg. Co. (Brass Goods for Fire Departments, Plumbers, etc.)  
 \*Elkhart Bridge & Iron Co.  
 \*†Elkhart Foundry & Machine Co.  
 \*Elkhart Iron Works (Grey Iron Castings)  
 \*Foster Machine Co. (Turret Lathes)  
 \*Keene Bros. Machine Co.  
 \*Kuhlman Elec. Co. (Electrical Specialties)  
 \*†L. S. & M. S. Ry. Shops.

\*Lorrough-Jordan Tool & Machine Co. (Special Machinery, Dies, etc.)  
 §Northern Indiana Brass Foundry Co. (Brass Castings)  
 \*Noyes Carriage Co. (Agr. Impls. & Carriages)  
 Sevison Electric Co.  
 \*Strubler Computing Scale Co. (Computing Scales)  
 \*Waterson J. C.  
 §Williams S. W.  
 ELWOOD—\*†Dawson Chas W. (Machinist & Founder)  
 \*†Elwood Iron Works Co. (Oil Engines, Grey Iron Castings, etc.)  
 \*Elwood Lawn Mower Mfg. Co. (Lawn Mowers)  
 \*Krebs Emil (Glass House Mach'y)  
 EVANSVILLE—†Advance Stove Works (Stoves, etc.)  
 \*Anchor Supply Co.  
 \*Bernardin Bottle Cap Co. (Bottlers' Machinery)  
 \*Blount Plow Works (Agr. Impls., Plows, etc.)  
 \*Clarke Gas Engine Co.  
 †Crescent Stove Works (Stoves, etc.)  
 \*†Davidson-Dietrich Plow Co. (Plows & Castings)  
 §Evansville Brass Works  
 †Evansville Metal Bed Co.  
 †Evansville Stove Works (Stoves, Ranges & Hollow Wares)  
 \*†Evansville Tool Works (Axes, Hammers, Picks & Castings, Steel)  
 \*Faultless Caster Co. (Casters)  
 \*†Grote F. Mfg. Co. (Iron Fdrs., Bldrs., Iron Work, etc.)  
 \*Hartig-Becker Plow Co. (Plows, Cultivators, etc.)  
 §Healey, Peter (Brass Fdry., Plumbers Goods, etc.)  
 \*†Heilman Machine Works (Engines, Saw Mills, Threshers, etc.)  
 \*†Holtz Co. (Iron Fdry., Saw Mills, etc.)  
 †Indiana Stove Works (Stoves, Ranges & Hollow Ware)  
 \*†International Steel & Iron Co.  
 \*Kelsay Newton  
 \*Lindenschmidt Co.  
 \*†Mesker Geo. L. & Co. (Iron Fdrs. & Bldrs. Iron Works)  
 \*Schroeder Headlight Co. (Headlights)  
 \*Smith John C. Hoe & Tool Co. (Agr. Impls., etc.)  
 †Southern Stove Works (Stoves, Ranges & Hollow Ware)  
 \*Steel Scaffolding Co.  
 †Vulcan Plow Co. (Plows, etc.)  
 FORT BRANCH—\*†Lintz Bros., Machine Wks  
 FORT WAYNE—\*Adams & Taylor Machine Co.  
 \*American Steel Dredge Co. (Steel Dredges)  
 \*†Bass Foundry & Machine Co. (Corliss Engines, Forgings, Iron & Steel, Castings, Grey Iron, Car Wheels, etc.)  
 \*Bowser S. F. & Co. (Oil Tanks & Pumps, etc.)  
 †Central Foundry Co. (Grey Iron Castings)  
 \*Clausmeyer & Archer (Road Machy.)  
 \*Deister Concentrator Co. (Mining Machinery)  
 \*Deister Machine Co. (Ore Concentrators)  
 \*Engineering Co. (Sterilizing Machy.)  
 \*§Fort Wayne Electric Works of General Electric Co. (Dynamos, Motors, etc.)  
 \*Fort Wayne Engineering & Mfg. Co. (Compressors, Pumps, etc.)  
 \*Fort Wayne Foundry & Machine Co.  
 §Fort Wayne Smelting & Refining Co.  
 \*Gauntt F. G. Mfg. Co. (Concrete Mixers)  
 \*Good Roads Machinery Co. (Road Making Machinery, etc.)  
 §Hattersley A. & Sons, (Electrical Machy.)  
 \*Horton Mfg. Co. (Washing Machines)  
 \*§Kunkle E. B. & Co. (Brass Fdrs. & Machinists, Safety Valves, etc.)  
 †Meier-Wiese Co. (Structural)  
 †Menefee Foundry Co. (Grey Iron Castings)  
 \*Noble Machine Co. (Coopers Machy.)  
 \*Van Arnam Mfg. Co. (Plumbers' Supplies, etc.)  
 \*Wayne Machinery Co.



- \*Wayne Oil Tank & Pump Co.  
 \*†Western Gas Construction Co. (Gas Works Apparatus & Machinery)  
 FRANKFORT—\*Indiana Brass Co.  
 \*Model Machine Works (Machinists)  
 \*Smith Orlando B.  
 \*§Wallace Mfg. Co. (Brick & Drain Tile Machinery)  
 FREMONT—\*Ewing James  
 GAS CITY—\*†American Sheet & Tin Plate Co.  
 GENEVA—\*Cross W. D. (Jobbing)  
 GOSHEN—\*Alford Motor & Machine Co.  
 \*Fuller Otis L. Co. (Slitting Shears)  
 \*Goshen Eyelet Co.  
 \*Goshen Stamping & Brass Co.  
 \*Hoosier Motor Co.  
 \*†Kelly Foundry & Machine Co. (Boiler Fronts, Grate Bars, etc.)  
 \*National Dairy Machine Co. (Dairy Machinery, etc.)  
 \*Thomas Albright Co. (Hydraulic Presses)  
 GREENCASTLE—\*§Cole Bros. Lightning Rod Co.  
 GREENFIELD—\*†§Abbott Johnson R.  
 GREENSBURG—\*†Hilland W.  
 \*Luchte Jos. L.  
 GRIFFITH—\*†Griffith Mfg. & Supply Co.  
 HAGERSTOWN—\*§Teeter-Hartley Motor Co.  
 HAMMOND—\*Betz Frank S. Co. (Surgical & Dental Instruments)  
 \*†Champion Potato Machine Co. (Potato Machinery)  
 \*Fitz-Hugh Luther Co. (Railway Equipment) (See Chicago, Ill.)  
 \*§Hammond Brass Works  
 \*Illinois Car & Mfg. Co. (See Chicago, Ill.)  
 \*Standard Steel Car Co. (See Pittsburgh, Pa.)  
 \*Steel Car Forge Co. (See Pittsburgh, Pa.)  
 \*†United Boiler Heating & Foundry Co.  
 HOBART—\*Makutchan Roller Bearing Co. (See Chicago, Ill.)  
 HUNTINGTON—\*†Huntington Machine & Foundry Co. (Punching & Shearing Machines)  
 \*†§Majestic Co.  
 \*Orton & Steinbrenner Co. (See Chicago, Ill.)  
 INDIANA HARBOR—\*†American Steel Foundries (See Chicago, Ill.)  
 \*Inland Steel Co. (See Chicago, Ill.)  
 \*Standard Forging Co. (Rough Machine & Finished Forgings)  
 INDIANAPOLIS—\*American Buncher Mfg. Co., Olive & Harding  
 \*†American Foundry Co.  
 \*American High Speed Chain Co.  
 \*American Valve & Tank Co.  
 \*Atkins E. C. & Co. (Saws, Tools & Machinery)  
 B. & B. Mfg. Co. (Foundry Moulding Machy.)  
 \*†Byram Foundry Co.  
 \*Brown-Manly Plow Co.  
 \*Capital Gas Engine Co. (Gas Engs, etc.)  
 \*Capital Machine Co.  
 \*Castle Refrigerating Machine Co.  
 \*Central Machine Works (Machinists, etc.)  
 \*Central States Bridge Co. (Steel Bridges, etc.), 601 Beecher  
 \*†Chandler & Taylor Co. (Engines & Saw Mill Machinery, etc.)  
 \*Climax Machinery Co. (Farm & Dairy Machines)  
 \*†§Dean Bros. Steam Pump Works (Steam Pumps, Condensers, etc.)  
 \*Edlin S. H. & Co. (Cement Block Machinery)  
 \*†Enterprise Iron Works (Grey Iron Castings)  
 \*§Fairbanks-Morse Electrical Mfg. Co.  
 \*Geiger & Peters (Archl. Iron Works, etc.)  
 \*Green Thos. L. & Co. (Bakers' Machinery)  
 \*Hall A. M. Co. (Laboratory Machinery)  
 \*Haywood Tire & Equipment Co.  
 \*†Hetherington & Berner (Asphalt Machinery & Foundry)  
 \*†Home Stove Co. (Stoves & Ranges)  
 \*Howard Michael E. (Machinist),  
 \*Huetter Machine and Tool Co.  
 \*Indiana Die Casting Development Co.  
 \*Indiana Fan Co. (Blowers, Exhausters Water Motors, Fans, etc.)  
 \*Indiana Mfg. Co. (Straw Stackers), Telephone bldg  
 \*Indianapolis Aluminum Castings Co.  
 \*§Indianapolis Brass Co.  
 \*Indianapolis Excelsior Machinery Co. (Excelsior Machinery, etc.)  
 \*†Indianapolis Foundry Co. (Light Grey Iron Castings)  
 \*†Indianapolis Stove Co.  
 \*Indianapolis Tool & Mfg. Co. (Special Machinery, Tools & Dies)  
 \*Insley Mfg. Co. (Concrete Dump Buckets, Hoists, etc.)  
 \*International Machine Tool Co. (Machine Tools)  
 \*†Inter-State Car Co. (Car Repair Work)  
 \*§Keyless Lock Co. (Post Office Equipments, etc.)  
 \*§Langsenkamp-Wheeler Brass Works (Brass Founders & Finishers)  
 \*†Laycock T. B. Son & Co. (Iron & Brass Bedsteads, etc.)  
 \*Lees John (Special Machinery)  
 \*LINK-BELT COMPANY (Belmont Foundry Malleable Iron; Ewart & Dodge Plants, Chains), General Offices, Chicago, Ill. & Philadelphia, Pa. See adv index at end of book  
 \*†§Lyons-Atlas Co. (Air Compressors & Diesel Oil Engines)  
 \*†McNamara-Koster Foundry Co. (Grey Iron Castings)  
 Millholland W. R. Machine Co. (Lathes)  
 \*National Coning Machinery Co.  
 \*†National Malleable Castings Co. (See Cleveland, O.)  
 \*†§Nordyke & Marmon Co. (Flour Mill Machinery, etc.)  
 \*†Over Ewald (Grey Iron Castings)  
 \*†Peerless Foundry Co. (Castings & Stove Repairs)  
 \*Phoenix Caster Co.  
 \*§Pioneer Brass Works (Brass, Bronze & Aluminum Founders, Finishers & Plumbers' Goods)  
 \*Potter Mfg. Co. (Trench Machinery, etc.)  
 \*†Potts C. & A. & Co. (Clay Machy)  
 \*Rexroth Louis (Machinist)  
 \*Roch Tobias  
 \*†Rockwood Mfg. Co. (Paper Pulleys & Fibre Frictions)  
 \*Russell Wind Stacker Co. (Straw Stackers), 1001 Shelby  
 \*†Shirley Radiator & Foundry Co. (Radiators, etc.)  
 \*†Sinkers-Davis Co. (Engines & Saw Mill Machinery)  
 \*Spacke F. W., Machine Co. (Motor-cycle Engines, etc.)  
 \*Standard Machine & Electric Co. (General Machinists)  
 \*Utility Stove & Range Co. (Stoves, etc.)  
 \*Western Machine Works  
 JASPER—\*†Jasper Machine Works  
 JEFFERSONVILLE—\*†American Car & Foundry Co.  
 \*†§Anderson Geo. S. Co. (Machine Work, etc.)  
 \*Bauer Machine Co.  
 \*†Howard Shipyards Co.  
 \*†Indiana Hollow Ware Co. (Cast Iron Hollow Ware, etc.)  
 \*†Sweeney M. A. Shipyard & Foundry Co.  
 KENDALLVILLE—\*Baker J. R. & Sons Co. (Specialties)  
 \*†Flint & Walling Mfg. Co. (Windmills, Engines, Pumps, etc.)  
 \*Raber & Lang Mfg. Co. (Concrete Machinery)  
 \*†Wallace Mfg. Co.  
 \*Wert C. S. (Brick Machinery)  
 KNIGHTSTOWN—\*Albertson F. J.  
 \*Parish Alford Fence & Machine Co. (Fence Machines, etc.)  
 KOKOMO—\*Chandler Machine Co.  
 \*Cole Howard & Co.  
 \*†Fard & Donnelev  
 \*†Globe Stove & Range Co. (Stoves & Ranges)  
 \*§Kokomo Brass Works (Plumbers' Brass Goods)  
 \*Kokomo Electric Co. (Spark Coils)  
 \*Kokomo Fence Machine Co. (Fence Machinery)  
 \*§Long Bros. (Automobile Accessories)  
 \*Riverside Machine Works  
 \*Rockford Bit Co. (Auger Bits)  
 \*Superior Machine Tool Co. (Drilling Machines)  
 \*Walton & Macke Nail Co. (Wire Nail Machines)  
 LADOGA—\*Hillis J. W. & Son  
 LAFAYETTE—\*Barbee Wire & Iron Works (Bldrs. Iron Work & Castings, etc.)  
 \*Biggs B. F. Pump Co.  
 \*Duncan Electric Mfg. Co. (Electric Meters)  
 \*†McGrath R. H.  
 \*§Motsinger Device Mfg. Co. (Auto Parts)  
 \*Ross Gear & Tool Co. (Tools, Auto Gears)  
 \*Ross Machine Co. (Auto Parts)  
 \*†§Schwab Safe Co. (Bank Vaults, Safes, etc.)  
 \*†Wallace Machine & Foundry Co. (Castings, Manhole Covers, etc.)  
 LA GRANGE—\*§La Grange Machine Wks. (Mach. & Garage)  
 LAPEL—\*Wright George W. (Gas Regulators, Pumps, etc.)  
 LA PORTE—\*Advance Rumely Co.  
 \*Gangwer & Co.  
 \*Great Western Mfg. Co. (Motorcycles)  
 \*Niles & Scott Co. (Wheels, etc.)  
 \*†§Rumely M. Co. (Engines, Threshers, Stackers, etc.)  
 \*United States Slicing Machine Co. (Meat Cutters)  
 LAWRENCEBURG—\*†§Cook August D. (Deep Well Pumps, Well Strainers, etc.)  
 LEAVENWORTH—\*Jenner John H.  
 LEBANON—\*Dairy Cream Separator Co.  
 \*Egan Seth S.  
 LOGANSPOUT—\*Logansport Boiler & Machine Works  
 \*†Logansport Radiator & Equipment Co. (Radiators)  
 \*Obenchain-Boyer Co. (Fire Extinguishers)  
 \*†§Rutenber Electric Co. (Gasoline Motors, Brass & Grey Iron Castings)  
 LOOGOOTE—\*Moody W. Frank  
 MADISON—\*†§Johnson Foundry & Machine Shops  
 \*†Madison Machine Co. (Machinists)  
 MARION—\*†Atlas Foundry Co.  
 \*Chicago Glass Novelty Co.  
 \*Emerson-Brantingham Co. (See Rockford, Ill.)  
 \*†Harwood-Barley Mfg. Co. (Iron and Brass Bedsteads)  
 \*†Hoosier Stove Co.  
 \*†Hulley Foundry & Machine Works  
 \*†Marion Gray Iron Foundry Co. (Grey Iron Castings, etc.)  
 \*†§Marion Machine, Fdr. & Supply Co. (Gas & Steam Engines, Repair Works & Brass & Iron Castings)  
 \*†Marion Malleable Iron Works  
 \*†§Marion Stove Co. (Stoves)  
 \*†§Rutenber Motor Co. (Gasoline Motors, Brass & Grey Iron Castings)  
 Western Drop Forge Co., P. O. Box 386. See adv index at end of book  
 MICHIGAN CITY—\*†§Haskell & Barker Car Co. (Car Bldrs., Brass, Steel, Grey & Malleable Iron Castings)  
 MILROY—\*Hills F. O.  
 MISHAWAKA—\*§American Casting Co.  
 \*Clark Geo. C. Metal Last Co.  
 \*Mishawaka Machine Co.  
 \*†Perkins Windmill Co. (Gasoline Engines, Pumps, Jacks, etc.)  
 \*†Premier Bed Co.  
 MONTEZUMA—\*Montezuma Machine Wks  
 MONTPELIER—\*†§National Steel Casting Co. (Steel Castings, Car Couplers, etc.)  
 MOUNT VERNON—\*†§Keck-Gonnermann Co. (Iron Fdrs., Threshers, etc.)  
 MUNCIE—\*†§American Lawn Mower Co. (Lawn Mowers & Castings)  
 \*Carpenter G. Albert  
 \*†Eagle Foundry Co. (Castings)  
 \*Feeny-Hurd Co. (Universal Joints)  
 \*Indiana Steel & Wire Co.  
 \*Kemp Machine Works (Aeroplane Motors)  
 \*Kitselman Bros. (Fence Machines, etc.)  
 \*†§Machinists' Foundry Co. (Castings)  
 \*Moon Machine Co. (Nut & Bolt Machinery)  
 \*†Muncie Fdy. & Machine Co. (Castings, etc.)  
 \*Muncie Gear Works  
 \*Muncie Oil Engine Co. (Oil Engines)  
 \*†Union Iron & Brass Foundry  
 \*Warner Electric Co. (Electric Specialties)



\*Warner Gear Co. (Gears, etc. automobile)  
 \*†Whitely Malleable Castings Co. (Steel & Malleable Iron Castings, etc.)  
 †Whitely Steel Co. (Steel Castings)  
 NAPOLEON—\*Schlueter Stephen  
 NEW ALBANY—\*Anchor Stove & Range Co. (Stoves, etc.)  
 \*†Gardner S. J. Fdry. & Machine Co.  
 \*Goetz Coleman Mfg. Co. (Gasoline Engines, etc.)  
 †§Gohmann Bros. & Kahler Co. (Stoves)  
 †§Hegewald Chas. Co.  
 \*†New Albany Machine Mfg. Co. (Stone Working Machinery)  
 NEW CASTLE—\*†§Allen Pittless Scale Co.  
 \*Indiana Rolling Mill Co. (Machine Shop for Use of the Company)  
 \*National Spring Co.  
 †New Castle Foundry Co. (Iron Fdrs., Grey Iron Castings)  
 \*New Castle Machine Works  
 \*Pan-American Bridge Co. (Bridge & Structural Steel Works, etc.)  
 \*Shopp W. A. & Co.  
 NEW HARMONY—\*Tretheway W. O.  
 NEW MOUNT PLEASANT—\*Steed Bros.  
 NOBLESVILLE—\*Hare J. H.  
 \*†Union Sanitary Mfg. Co. (Cast Iron Enamelled Sanitary Ware)  
 NORTH MANCHESTER—†Manchester Mfg. Co. (Boiler Cleaners)  
 NORTH VERNON—\*†§Hicks Harry (Machinist & Fdry.)  
 OSGOOD—\*†§King H. P. Foundry & Machine Works  
 PERU—\*Peru Auto Parts Mfg. Co. (Engines, etc.)  
 \*†§Spaulding Brass & Iron Foundry  
 PETERSBURG—\*Warner E. T.  
 PLYMOUTH—\*Clizhe Bros. Mfg. Co. (Tool Grinders, etc.)  
 \*Keller & Jeffers (Machinists)  
 RED KEY—\*Fiers W. T. (Pumps, etc.)  
 RICHMOND—\*Advance Co., 542 N 14th  
 \*†American Seeding Machine Co. (Agrl. Impls.) (Hoosier Branch.) (See Springfield, O.)  
 \*Dille & McGuire Mfg. Co. (Lawn Mowers)  
 \*Draver E. R. (Special Machy., etc.)  
 \*Eagle Machine Works  
 \*Elliott & Reid Co. (Fence Machines, etc.)  
 \*Eureka Fence Mfg. Co.  
 \*Evans John A. Co. (Ventilating Apparatus, etc.)  
 \*F & N Lawn Mower Co. (Lawn Mowers)  
 \*Gartside W. N. (Fdry. Supplies, etc.)  
 \*Hayes Track Appliance Co. (Derailers, etc.)  
 \*Jones J. E.  
 \*Marlatt Samuel (Machinist)  
 \*National Automatic Tool Co. (Special Machinery, Drills, etc.)  
 \*†Reliance Foundry Co. (Auto Castings)  
 \*Richmond Safety Gate Co. (Safety Gates, etc.)  
 Richmond Water Softener Co.  
 §Riverside Brass Works  
 \*†§Rumely M. Co. (Engines, Threshers, etc.)  
 \*§Standard Pattern & Mfg. Co. (Air Compressors, Brass Castings, etc.)  
 \*†Swayne, Robinson & Co. (Threshers, Baling Presses)  
 \*†§Wayne Works (Agrl. Impls., Grey Iron Castings, etc.)  
 ROCKPORT—\*†Pfeifer John C. (Fdry & Mach)  
 ROYAL CENTER—\*Ford William B. (Machinists & Garage)  
 RUSHVILLE—\*†Arbuckle & Co. (Clay Working Mach'y.)  
 \*Francis Chas. E. Co. (Woodworking Mach'y.)  
 \*Madden Bros. Co.  
 SALEM—\*Bellows Bros.  
 SARATOGA—\*†§Harshman John F. & Sons  
 SEYMOUR—\*§Buhner Rudolph F  
 SHELBYVILLE—\*†Shelby Gas Engine Co.  
 SOUTH BEND—\*†Birdsell Mfg. Co. (Clover Hullers, Straw Stackers, Wagons, etc.)  
 \*†Bowsher N P Co. (Fdrs. & Machinists)  
 \*Burner E. & Co.  
 \*Campbell Wire Specialty Works  
 \*Collmer Bros. (Cycle & Auto Parts)

\*Crescent Machine Works. (Jobbing)  
 \*†Cutter Geo. Co. (Electrical Specialties & Trolley Line Materials)  
 †Engman-Matthews Range Co. (Stoves & Ranges)  
 §Fulton Harwood Brass Foundry Co. (Brass & Aluminum Castings)  
 \*Haberle J. B. (Special Machy., etc.)  
 \*Iwan Bros. (Ditching Machines, etc.)  
 \*Knoblock-Heideman Mfg. Co. (Electrical Mach'y & Specialties)  
 \*Long Distance Telephone Mfg. Co. (Telephones & Switchboards)  
 †Malleable Steel Range Mfg. Co. (Steel Ranges, etc.)  
 \*Maurer Wm. & Co. (Steam Specialties, etc.)  
 \*†Meyer Foundry & Mfg. Co. (Grey Iron Castings, etc.)  
 \*†Oliver Chilled Plow Works (Plows, etc.)  
 \*Schafer T. & Son (Machinery & Tools)  
 \*†Sibley Machine Co. (Mach. Tools, Power Drills, etc.)  
 †Sibley Stove Co.  
 \*†§South Bend Chilled Plow Co. (Plows, etc.)  
 \*†South Bend Foundry Co. (Grey Iron Castings, Street & Building Castings, etc.)  
 \*South Bend Watch Co. (Watches, etc.)  
 \*Starr C. M. Mfg. Co. (Carriages & Machinists)  
 \*†§Studebaker Corp. (Wagons, Carts, etc.)  
 \*Union Electric Mfg. Co. (Electrical Repairs)  
 TELL CITY—\*†§Tell City Foundry & Machine Works  
 TERRE HAUTE—\*Bennett & Bennett (Concrete Block Machinery Manufacturers)  
 \*Bialack Wm.  
 \*Buettner-Shelburn Machine Co. (Repair Parts for Coal Mining Machines, etc.) (See St. Louis, Mo.)  
 \*†Eagle Iron Works Co.  
 †Gartland Foundry Co. (Grey Iron Castings, etc.)  
 \*Hazledine E. T. Co. (Machinist)  
 †Inland Steel Casting Co. (Steel Castings)  
 \*Johnson Bros. Motor Co.  
 \*Kester Electric Co. (Electric Motors)  
 \*Pettyjohn Co. (Artificial Stone Machines)  
 \*†§Prox Frank Co. (Coal Mining Machy., etc.)  
 †Springer-Whitaker Foundry Co.  
 \*Standard Wheel Co. (Bicycles)  
 §Terre Haute Bronze & Brass Fdry.  
 \*Terre Haute Machine Works  
 †Terre Haute Malleable & Mfg. Co.  
 \*†§United States Scale Factory  
 †§Vandalia R. R. Shops  
 \*Wabash Mfg. Co.  
 UNION CITY—\*Backstay Mach. & Leather Co. (Machinists)  
 \*Union City Wheel Co.  
 UPLAND—\*Wise R. S.  
 URBANA—\*Speicher D. E. (Seed Sowers, etc.)  
 VALPARAISO—\*McGill Mfg. Co. (Electric Specialties), 77 Oak  
*See adv index at end of book*  
 VANBUREN—\*Haynes Machine Co.  
 \*Mills Machine Co.  
 VEEDERSBURG—\*Walter Bros.  
 VERNON—\*Reed & Rogers Mfg. Co. (Harrows & Rakes, etc.)  
 VINCENNES—\*†§Central Foundry Co. (See New York)  
 \*Hartman Mfg. Co. (Agrl. Impls., Cultivators, etc.)  
 \*Mahoney R. R. Ditching Machine Co. (R. R. Ditching Machines)  
 \*National Rolling Mill Co.  
 \*†§Vincennes Foundry & Machine Co.  
 \*Vincennes Tractor Co. (Traction Engines)  
 \*Williams Henry M  
 WABASH—\*Diehl G. M. Machine Works  
 \*Service Motor Truck Co. (Motor Trucks)  
 \*†§Wabash Foundry Co.  
 WAKARUSA—\*†Gall James E.  
 WARREN—Arnold Daniel (Jobbing)  
 WARSAW—\*†Maish Mfg. Co. (Iron Castings, etc.)  
 \*†§Wentz O. W.

WASHINGTON—\*Clare Wm. H. Mfg. Co. (Cultivators, Harrows, Plows, etc.)  
 \*†§Denver Frank  
 WINCHESTER—\*Winchester Machine Works  
 WOLCOTTVILLE—\*†§Morel Bros.

## IOWA.

AKRON—\*Hilliker C. M. & Son  
 AMES—\*Loughran Machine Co. (Agricultural Implements)  
 AURELIA—\*Mummert Jonas S.  
 AVOCA—\*†§Jacobs Bros.  
 BELLE PLAINE—\*†§Palmer Bros.  
 BELLEVUE—\*Brandt J. M. (Gasoline Engines)  
 BETTENDORF—\*†Bettendorf Co. (Basic Open Hearth)  
 BOONE—\*Monarch Mfg. Corp. (Concrete Machinery)  
 \*†Quinn Wire & Iron Works (Castings & Cement Mach'y, etc.)  
 \*†§Sampel J. F.  
 BRITT—\*†Interstate Drainage & Investment Co.  
 BURLINGTON—\*Mississippi Pearl Button Co.  
 \*Mohland & Co. (Grubbing Machines)  
 \*†§Murray Iron Works Co. (Corliss Engines, Ice & Refrigerating Machinery, etc.)  
 CARROLL—\*Heider Mfg. Co. (Equalizers, etc.)  
 CEDAR FALLS—\*Rice & Dayton Mfg. Co. (Auto Vulcanizers)  
 CEDAR RAPIDS—\*†Cedar Rapids Foundry & Mach. Co. (Grey Iron Castings, etc.)  
 \*†§Cedar Rapids Pump Co. (Iron Pumps, etc.)  
 \*†§Chandler Pump Co. (Iron Pumps, etc.)  
 \*Cherry J. G. Co. (Creamery Supplies)  
 \*§Dearborn Brass Co. (Brass Founders' & Finishers' Plumbing Goods, etc.)  
 \*Denning Tractor Co. (Traction Engines, etc.)  
 \*Fawcett C. E. (Machinists)  
 \*†Iowa Radiator Co. (Radiators, etc.)  
 \*†§Iowa Steel & Iron Works (Castings & Structural Wk.)  
 \*Iowa Wind Mill & Pump Co.  
 \*Rabus & Toeller (Machinists)  
 \*Schmidt Geo. R. (Machinist)  
 \*†Stary Frank & Sons (Small)  
 \*Steel Basket Co.  
 \*Tokheim Mfg. Co. (Oil Pumps, etc.)  
 \*Universal Crusher Co. (Rock & Ore Crushers)  
 CENTERVILLE—\*†§Goss Jos & Son  
 CHARLES CITY—\*†Charles City Engine Co.  
 \*Daley, M. H. (Disc Harrows)  
 \*†§Hart-Parr Co. (Traction Engines)  
 \*†§Moss, W. E.  
 CHEROKEE—\*†§Caswell Mfg. Co. (Belt Guides, etc.)  
 \*†Cherokee Mfg. Co.  
 CLARINDA—\*Clarinda Lawn Mower Co. (Lawn Mowers)  
 \*†Lisle Mfg. Co. (Well Drilling Machinery)  
 CLINTON—\*Clinton Bridge Works  
 \*Collis Co.  
 \*†Iowa Machine Works  
 \*Lamb Engine Co. (Engines, etc.)  
 COUNCIL BLUFFS—\*Bradley, Merriam & Smith (Agrl. Impls.)  
 \*Children's E. Sons Mfg. Co. (Agrl. Impls.)  
 \*Clark Implement Co. (Agrl. Impls.)  
 \*†Incandescent Light Mfg. Co. (Machinists)  
 \*†§Kimball Bros. Co. (Passenger & Freight Elevators, etc.)  
 \*Machine Mfg. & Engineering Co.  
 \*Pioneer Implement Co. (Agrl. Impls.)  
 \*†§Sprague Foundry & Mfg. Co. (Castings, Hot Air Furnaces, etc.)  
 \*†§Walker Mfg. Co. (Agrl. Impls., etc.)  
 DAVENPORT—\*Brammer H F Mfg. Co. (Washing Machines)  
 \*†§Davenport Locomotive Works (Light Locomotives, etc.)  
 \*†§Davenport Machine & Foundry Co. (Grey Iron & Brass Castings & Special Heavy Machinery, etc.)  
 \*Davenport Mfg. Co. (Paper Balers)  
 \*Davenport Washing Machine Co.



\*†§Frank H. J. Foundry & Machine Co.  
 \*†French & Hecht (Metal Wheels & Castings)  
 \*Globe Machine Co.  
 \*Krone Charles (Jobbing)  
 \*Linograph Co. (Typesetting Machines)  
 \*Midland Supply Co.  
 \*Neumann H. W. Machine Co.  
 \*Newcomb Loom Co. (Carpet Looms)  
 \*†Red Jacket Mfg. Co. (Pumps & Grey Iron Castings)  
 \*Schmidt, B. L. Co. (Gasoline Engines & Ice Chipping Machines, etc.)  
 Voss Bros. Mfg. Co. (Washing Machines)  
 \*†Wahle Foundry & Machine Works  
 \*Walther-Vogeler Gas Machine Co. (Gas Machines)  
 \*†§Western Implement & Motor Co.  
 \*White Lily Mfg. Co. (Washing Machines)  
 \*Woodall Mfg. Co.  
 DECORAH—\*Johnson Peter & Sons (Machinists)  
 \*§Swenson Valve Co.  
 DES MOINES—\*†American Iron Works  
 \*†§Beckman Bros. (Pumps, Windmills, Scales, etc.)  
 \*†§Dempster Mfg. & Supply Co. (Pumps, Windmills, etc.)  
 \*†Des Moines Stove Repair Co.  
 \*Dodd & Struthers  
 \*†Eagle Iron Works (Mining & Brick Machinery, etc.)  
 \*Eldridge Geo. G. (Machinist)  
 \*†Gibbons Machine & Foundry Co. (Gas Engines, Grey Iron Castings, etc.)  
 \*Globe Machinery & Supply Co.  
 \*§Hawkeye Machine & Brass Works  
 \*Iowa Machinery & Supply Co.  
 \*Jewett Typewriter Co. (Typewriters)  
 \*†McDonnell Boiler & Iron Works  
 \*New Monarch Machine & Stamping Co.  
 \*Stutsman R. O. Co. (Brass & Composition Foundry)  
 \*†Wood Bros. Thresher Co. (Agrl. Implements, etc.)  
 DUBUQUE — \*†§Adams Co. (Machine Tools, Founders, etc.)  
 \*Cooper A. A. Wagon & Buggy Co. (Plows, Cultivators, etc.)  
 \*Dubuque Boat & Boiler Works (Ship Builders, etc.)  
 \*Ernsdorff John Iron Co.  
 \*Ferguson Mfg. Co. (Pumps)  
 \*†§Loetscher-Ryan Mfg. Co. (Hardware Specialties)  
 \*Ragatz & Son (Machinists)  
 \*§Schmid Mfg. Co.  
 \*†§Smedley Pump Co. (Steam Pumps, etc.)  
 \*Voggenthaler E. J. Co.  
 ELDORA—\*†§Brown Bros. Foundry & Machine Co.  
 ELKADER—\*†Allen Bros.  
 FAIRFIELD—\*†Louden Machinery Co. (Haying Tools, etc.)  
 \*Iowa Malleable Iron Co.  
 \*Pence W. H.  
 FORT DODGE—\*†§Iowa Foundry & Mfg. Co. (Gasoline Engines)  
 \*Monarch Telephone Mfg. Co. (Telephones, etc.)  
 \*Sargent Tile Ditcher Co.  
 FORT MADISON—\*American Fork & Hoe Co.  
 Fort Madison Plow Co. (Agricultural Implements)  
 GUTTENBERG—\*Fuerste Chas.  
 HARLAN—\*†Deen Loom Co.  
 \*†§Nelson Gas Engine & Auto Co.  
 IOWA CITY—\*†Tulloss I. E. (Foundry)  
 IOWA FALLS—\*Gade Bros. Mfg. Co. (Gasoline Engines)  
 KELLOGG—\*Gould Balance Valve Co. (Valve Mfrs.)  
 KEOKUK—\*American Cement Machine Co. (Concrete Machinery, etc.)  
 \*†Amer. Stove & Range Co. (Stoves)  
 \*Decker Mfg. Co. (Hog Rings, Curry Combs, etc.)  
 Industrial Supply Co. (Machine, Mill Supplies, Factory Appliances Manufrs. Agents)  
 \*Keokuk Hydraulic Tire Setter Co. (Tire Setters)  
 \*†§Kollmyer & Talbot (Machinists & Fdrs.)  
 \*Thomas Machine Co.  
 \*Weber & Kirch Mfg. Co. (Cream Separators)

LAKE MILLS—\*Geving Bros.  
 LAURENS—\*Kreul Bros.  
 LEMARS—\*†§Pech Gus Foundry & Mfg. Co. (Well Drilling Machinery, etc.)  
 LONE TREE—\*†§Zimmerman Steel Co. (Stump Pullers, Feed Mills & Wagon Scales & Castings of All Kinds)  
 LYONS—\*Pelton C. H.  
 MARSHALLTOWN—\*Brauer Acetylene Lighting Co.  
 \*C. & E. Mfg. Co. (Wrenches, etc.)  
 \*†Central Foundry Co.  
 \*Dunham C. A. Co. (Steam Traps)  
 \*Fisher Governor Co. (Pump Governors, etc.)  
 \*†Lennox Furnace Co. (Stoves, Ranges & Heaters)  
 \*†§Lennox Machine Co. (Water Tapping Machines & Gasoline Engines, etc.) (See Chicago, Ill.)  
 \*Lennox Throatless Shear Co. (Power Shears, etc.)  
 \*Light Draft Harrow Co.  
 MASON CITY—\*Beecher Walter A. (Machinist)  
 \*†§Vulcan Iron Works Co. (Tenon & Boring Machines, Power Hammers, etc.)  
 MECHANICSVILLE—\*Davisson O. J.  
 MONTICELLO—\*†Page Frank W.  
 MONTGOMERY—\*Downs W. A.  
 MOUNT PLEASANT—\*§Iowa Ditching Machine Co.  
 MUSCATINE—\*†Barry Co. (Button Machinery)  
 \*†Giesler & Co. (Malleable Iron Wagon Brakes, etc.)  
 \*Heitz Louis R. (Button Mach'y, etc.)  
 \*Niver Iron Works Co. (Grey Iron Castings, Building Fronts, Machine Castings, etc.)  
 \*Stohr & Freund  
 \*Vance & Baker Mfg. Co. (Canning Machinery, etc.)  
 MYSTIC—\*Ford Geo.  
 NEWTON—\*Automatic Electric Washer Co. (Washing Machines)  
 \*†§Maytag Co. (Agricultural Impls., etc.)  
 \*One Minute Mfg. Co. (Gas & Gasoline Engines, Pumping Jacks, etc.)  
 \*†§Parsons G. W. Co. (Trench Excavating Machy., Steel & Iron Castings, etc.)  
 \*†Skow Mfg. Co.  
 NORTHWOOD—\*†Nelson Henry  
 ODEBOLT—\*Kistler & Steppstedt  
 OELWEIN—\*Potter V. W.  
 OSKALOOSA—\*Interstate Mfg. Co. (Furnaces, etc.)  
 \*Interstate Mfg. Co. (Furnaces, etc.)  
 \*†§Iowa Valve Co. (Valves, Hydrants, etc.)  
 \*†Seevers Mfg. Co. (Heaters, etc.)  
 OTTUMWA—\*American Mining Tool Co. (Mining Tools, etc.)  
 \*†§Dain Mfg. Co. (Hay Loader, Haying Tools, etc.)  
 \*Hardsocg Mfg. Co. (Coal Drills, etc.)  
 \*Hardsocg Wonder Drill Co. (Rock Drills, etc.)  
 \*Johnston & Sharp Mfg. Co. (Ball Bearing Sash Pulleys, etc.)  
 \*†McCarroll Mfg. Co. (Stoves, etc.)  
 \*Nicholls Mfg. Co. (Carpenters' Squares, etc.)  
 \*†§Ottumwa Box Car Loader Co. (Car Loaders, Mine Cars, etc.)  
 \*†Ottumwa Iron Works (Mining Machinery)  
 \*†§Ottumwa-Moline Engine & Pump Co.  
 PELLA—\*†Buerkens Mfg. Co. (Wagons, etc.)  
 \*†Garden City Feeder Co. (Hay Stackers, etc.)  
 PERRY—\*†§Shorthill Steel & Iron Works (Inc.)  
 PRAIRIE CITY—\*†§Dowden Mfg. Co. Ltd. (Potato Harvesting Machy.)  
 \*Jenks & Son (Gas Generators, etc.)  
 RED OAK—\*†§Kerrihard Co. (Power Hammers, etc.)  
 \*Red Oak Bridge & Iron Works  
 ROCKFORD—\*Ayers C. E.  
 ROCK RAPIDS—\*Anchor Concrete Stone Co. (Cement Block Machy.)  
 SAC CITY—\*†Martin Co.  
 SHENANDOAH—\*†Smith Benjamin  
 SIOUX CITY—\*Central Machine Works & Auto Co.  
 \*†§Iowa Foundry Co.  
 \*†New Foundry & Mfg. Co.  
 \*†Novelty Mfg. Co.  
 Sioux City Air Compressor Co. (Gasoline & Marine Engines)

SPENCER—\*Maurer F. X. Co. (Hay Presses)  
 WASHINGTON—\*Heckethorn W. N.  
 WATERLOO—\*Armstrong Mfg. Co. (Well Drilling Machy., Gasoline Engines, etc.)  
 \*†Associated Mfrs. Co. (Gasoline Engines, Concrete Mixers, etc.)  
 \*†Black Hawk Mfg. Co.  
 \*†Bovee Furnace Works  
 \*†Cement Tile Machinery Co. (Cement Tile Machinery, etc.)  
 \*Chamberlain Machine Works  
 \*Ferguson Mfg. Co. (Well Drilling Machinery)  
 \*Galloway Wm. Co. (Agrl. Impls., Gasoline Engines, etc.)  
 †Gibson David  
 †Goodman W. A.  
 †Hawkeye Foundry Co.  
 †Headford Bros. & Hitchins Foundry Co.  
 §Iowa Brass Foundry  
 \*Iowa Gasoline Engine Co. (Gasoline Engines)  
 \*Iowa Spreader & Engine Co. (Manure Spreader)  
 \*†Litchfield Mfg. Co. (Farm Machinery)  
 \*†Swift Mfg. Co. (Feed Grinders, etc.)  
 §Waterloo Brass Foundry  
 \*Waterloo Cement Machinery Corp. (Hoisting Engines, etc.)  
 †Waterloo Foundry Co.  
 †§Waterloo Gasoline Engine Co. (Gasoline Engines, etc.)  
 \*†§Waterloo Register Co. (Registers, etc.)  
 †Zeising & Son  
 WAUKON—\*†Johnson J. S. & Son  
 WEBSTER CITY—\*Brown Spring Ice Skate Co. (Ice Skates)  
 \*Closz & Howard Mfg. Co. (Grain Separators, etc.)  
 WHAT CHEER—\*What Cheer Tool Co. (Miners' Tools, etc.)

## KANSAS.

ABILENE—\*Brown O. W.  
 \*Toliver L. H.  
 ARKANSAS CITY—\*†§Beard C. S.  
 ATCHISON—\*Bailor Plow Mfg. Co. (Agrl. Impls.)  
 \*Locomotive Finished Material Co. (Rough & Finished Locomotive Castings)  
 \*Railway Specialty Co.  
 \*†Seaton John Foundry & Mfg. Co.  
 \*†Thayer Foundry Co. (Grey Iron Castings, etc.)  
 BELLE PLAINE—\*Owens J. A.  
 BURLINGTON—\*Electric Appliance Co.  
 CHEROKEE—\*Webster Frank L. & Son  
 CHERRYVALE—\*†§Cherryvale Iron Wks. Co.  
 CLAY CENTER—†Acme Foundry Co.  
 \*Watts I. R.  
 COFFEYVILLE—\*†§Coffeyville Foundry & Machine Co.  
 \*†Coffeyville Implement & Mfg. Co. (Agrl. Impls.)  
 \*Robinson Packer & Machine Co.  
 EMPORIA—\*†§Jones' Jos. C. Sons  
 ENTERPRISE—\*†Barnard Machinery Co. (Flour Mill Machinery)  
 \*†§Ehram J. B. & Sons Mfg. Co. (Flouring Mills, Cement & Plaster Mill Machinery, etc.)  
 FORT SCOTT—†Anderson R. K.  
 FREDONIA—\*Belt P. P.  
 GALENA—\*†§Galena Foundry & Machine Co. (Mining Machinery, Grey Iron Castings, etc.)  
 \*Kennedy T.  
 \*Rauch Mfg. Co. (Mining Machinery)  
 \*Stone & Pinson  
 GALESBURG—\*Shaw Mfg. Co. (Motorcycles)  
 GIRARD—†Hitz C. Foundry Co.  
 HIAWATHA—\*†§Cash W. F. & Co.  
 HUTCHINSON—\*Hutchinson Foundry & Machine Works  
 \*Nelson Mfg. & Supply Co.  
 \*Peru-Van Zandt Implement Co. (Agric. Impls.)  
 INDEPENDENCE—\*Bovaird Supply Co. (Oil Well Supplies)  
 \*†Independence Iron Works Co.  
 \*National Supply Co. (Oil Well Supplies)  
 \*†§United Iron Works Co. (See Springfield, Mo.)  
 IOLA—\*†§United Iron Works Co. (See Springfield, Mo.)



**KANSAS CITY**—\*†Anderson Coupling & Fire Supply Co. (Fire Dept. Supplies)  
 †Armourdale Foundry Co. (Grey Iron Castings)  
 \*Badger Gas & Gasoline Engine Co. (Gas & Gasoline Engines)  
 \*†Griffin Wheel Co. (See Chicago, Ill.)  
 \*Home Embroidering Machine Co. (Embroidery Machines)  
 †Kansas City Foundry Co. (Iron Fdrys.)  
 \*Missouri Boiler Works Co. (Repairs)  
 \*Parker Machine & Fan Works  
 \*†Strait H. N. Mfg. Co. (Corliss Engines, Cooperage Machinery, etc.)  
 †West Side Foundry Co. (Iron Fdrys.)  
 \*Western Steel & Wire Co. (Hay Presses)  
**LAWRENCE**—\*†Lawrence Iron Works  
**LEAVENWORTH**—\*†Fisher Machine Works Co. (Ice & Refrigerating Machinery, etc.)  
 \*†Great Western Mfg. Co. (Grain Elevator & Flour Mill Machy., etc.)  
 †Great Western Stove Co. (Stoves, etc.)  
 \*Missouri Valley Bridge & Iron Co. (Stoves)  
 \*Varney Heating & Manufg. Co. (Stoves)  
**MANHATTAN**—\*†Blue Valley Mfg. Co. (Agl. Impls.)  
**NEWTON**—Nellan G. M.  
 \*Prairie Queen Mfg. Co. (Grain Separators, etc.)  
**NORTON**—\*†Norton Mfg. Co.  
**NORWICH**—\*†Dodson J. V.  
**OVERLIN**—\*Bradley Perry  
**OTTAWA**—\*†Ottawa Foundry Co.  
 \*Union Foundry & Machine Co. (Gasoline Engines)  
**PAOLA**—\*†U. S. Radiator Corp. (See Detroit, Mich.)  
**PARSONS**—\*†Smith Millard F.  
**PITTSBURG**—\*†United Iron Works Co. (Springfield, Mo.)  
**ST. PAUL**—\*Sheffer Frank  
**SALINA**—\*Kouns Wesley (Agl. Impls.)  
 \*†Wyatt F. Mfg. Co. (Agricultural Implements, etc.)  
 \*Ziegler W. F. (Corn Harvesters, etc.)  
**SENECA**—\*†Butler & Son  
**TOPEKA**—\*†Cindal Iron Works Co.  
 \*†Currie Windmill Co.  
 †Hewett Mfg. Co. (of Chicago, Ill.)  
 \*Perine Plow Works (Plows, etc.)  
 \*Pugh Manufg. Co. (Potato Diggers)  
 \*Sempres John  
 Topeka Brige & Iron Co.  
 \*†Topeka Foundry & Mfg. Co. (Potato Diggers)  
 \*Valk Manufg. (Irrigation Pumps & Engines)  
 \*†Western Foundry & Machine Works (Iron & Brass Founders & Machinists)  
**WAKEENY**—\*Spena John  
**WICHITA**—\*Brooks Machine Co. (Tire Setters, etc.)  
 \*Christopher Geo. C. & Son  
 †Moore Bros. (Iron Fdrys. & Stoves)  
 \*Peru-Van Zandt Implement Co.  
 \*Reschke Machine Works Co. (Agricultural Implements, etc.)  
 †Sharon W. J.  
 \*†Western Iron & Foundry Co.  
**WILSON**—\*†Wolfe W. S.  
**WOODSTON**—\*McNutt Hubert C

### KENTUCKY.

**ASHLAND**—\*†Ashland Foundry & Machine Works  
 \*†Ashland Iron & Mining Co. (Grey Iron Castings & Machine Shop)  
 \*†Norton Iron Works  
**AUGUSTA**—\*†Augusta Stove Foundry  
 \*Margraff Mfg. Co. (Machinery)  
**BOWLING GREEN**—\*†Bowling Green Machine Co.  
 \*†Roemer-Worrick Machine Co.  
**CANE VALLEY**—†Dudgeon Co. (Stoves, Ovens, etc.)  
**CLOVERPORT**—\*Cloverport Boat & Mfg. Co.  
**COVINGTON**—\*Anthe Machine Works  
 \*Barker Wm. & Co. (Machine Tools)  
 \*Covington Archl. Iron Works  
 †Germania Supply & Foundry Co.  
 \*Hollingsworth W. T. (Machine Tools, etc.)  
 \*†Houston, Stanwood & Gamble Co. (Steam Engines)  
 †Insurance Foundry Co. (All Kinds of Light & Heavy Machine Castings)  
 \*†Michael's Art Bronze Co.

\*Sebastian Lathe Co. (Machine Tools)  
 †Star Foundry Co. (Stoves and General Iron Founders)  
 \*Stewart Iron Works Co.  
 \*†Willard Machine & Tool Co. (Presses, Tools, Dies, Machinery, etc.)  
**EARLINGTON**—Earlington Machine Wks.  
**FRANKLIN**—\*Enterprise Machine & Garage Co.  
**FULTON**—\*†Webb C. E.  
**HOPKINSVILLE**—\*†Forbes Mfg. Co. (Agl. Impls., Hdw., etc.)  
**LEXINGTON**—\*†American Metallic Packing Co. (Metallic Packings, Brass Castings and General Machinists)  
 \*†Lexington Engine & Boiler Works  
 \*Timmins Machine Works (Machinist)  
**LOUISVILLE**—\*†Ahrens & Ott Mfg. Co. (Plumbers' Supplies)  
 \*†American Elevator & Machine Co. (Elevators, etc.)  
 \*American Iron Works  
 \*Atlas Machine Co.  
 \*†Avery B. F. & Sons (Agl. Impls.)  
 \*†Bridgeford & Co. (Stoves)  
 \*†Brinly Hardy Co. (Agl. Impls., Plows, etc.)  
 \*†Caldwell W. E. Co. (Machinery & Founders), 2270 Brook  
 See adv index at end of book  
 \*Clark Jas., Jr., Electric Co. (Machine Tools, Dynamos, Motors)  
 \*Cook C. Lee Mfg. Co.  
 †Dow Wire & Iron Works Co. (Conveying Machinery, Castings, etc.)  
 \*†Drummond Mfg. Co. (Grey Iron Castings, etc.)  
 †Ewald Iron Co.  
 \*†Falls & Withers  
 \*Franke F. & Co.  
 †Graf-Webb Iron Mfg. Co. (Stoves)  
 \*†Grainger & Co.  
 \*Hillen Mfg. Co.  
 \*Kentucky Saw Works (Machinists)  
 †Kentucky Stove Co. (Stoves)  
 \*†Kentucky Wagon Mfg. Co.  
 \*Knopel-Kappa Co.  
 \*Laib Co.  
 †Louisville Bridge & Iron Co.  
 †Louisville Car Wheel & Railway Supply Co. (Car Wheels, etc.)  
 \*†Louisville Drying Machine Co. (Drying Machinery)  
 \*†Louisville Tin & Stove Co.  
 †Martin H. H. Mfg. Co.  
 \*†Moran Flexible Steam Joint Co. (Brass Founders & Machinists)  
 \*†National Foundry & Machine Co. (Steam Pumps, etc.)  
 †O K Stove & Range Co. (Stoves)  
 \*†Peerless Mfg. Co. (Iron & Brass Founders, Grates & Iron & Brass Goods)  
 \*Pyne Co.  
 \*Reilly Steam Pump Works (Pumping Machinery)  
 \*Sheppard Mfg. Co. (Jobbing)  
 \*†Snead Archl. Iron Works (Builders' Castings & Iron Work)  
 \*Southern Elevator Co.  
 \*†Standard Sanitary Mfg. Co. (See Pittsburgh, Pa.)  
 \*†Stege E. A. Mfg. Co. (Brass Fdrys. & Finishers & Platers)  
 †Stiglitz Chas. G. & Sons (Iron Fdrys)  
 \*Universal Swing Joint & Machine Co. (Gears, Flexible Steam Joints)  
 †Vendome Copper & Brass Works  
 \*†Vogt Henry Machine Co. (Ice & Refrigerating Machy, etc.)  
**LUDLOW**—\*Carran R. B. & Sons Co.  
**McHENRY**—\*†McHenry Mfg. & Mchy. Co.  
**MAYSVILLE**—\*†Hall Jas. H. Plow Co. (Plows, etc.)  
 \*Ohio Valley Pulley Works  
 \*Thompson & McAtee (Agl. Impls.)  
**NEWPORT**—\*Crawley Book Mchy. Co. (Bookbinders' Machy., etc.)  
 \*Fletcher Mfg. Co. (Motor Washing Machines)  
 †Newport Fdry. Co.  
**OWENSBORO**—\*Anglo-American Mill Co. (Flour Mill Machinery)  
 \*Kentucky Electrical Co. (Dynamo & Motors)  
 \*Owensboro Shovel & Tool Co.  
 \*Owensboro Wagon Co.  
 \*†Southern Foundry Co. (Castings & Bldrs., Iron Work, etc.)  
**PADUCAH**—\*†Jackson Foundry & Machine Co.  
 \*†Shelton Bros. (Iron Fdry. & Machinists)  
**WINCHESTER**—\*Conway J. P.  
 \*Hagan Gas Engine Mfg. Co. (Gas Engines, etc.)

### LOUISIANA.

**ABBEVILLE**—\*Ritter J. F.  
**ALEXANDRIA**—\*†Alexandria Iron Works  
 \*Murphy John H.  
 \*†Ruston Foundry & Machine Shop  
**AMITE CITY**—\*†Gullett Gin Co. (Cotton Gins)  
**ARCADIA**—\*Goff T. J.  
**BATON ROUGE**—\*Hogue S. D. & Son  
**BELCHER**—\*Mehlin Frank  
**BERWICK**—\*†Watkins Machine Works  
**CROWLEY**—\*†Acadia Iron Works (Ltd.)  
 \*†Crowley Iron & Machinery Co.  
**DONALDSONVILLE**—\*†Allen F. H.  
**EUNICE**—\*Marcotte & Guillory  
**EVANGELINE**—\*Evangeline Iron Works, Ltd.  
**FRANKLIN**—†Le Blanc C. J.  
**GUEYDAN**—\*Booze G. W.  
 \*Farmers' Machine Shop (Repair Work, etc.)  
**HAMMOND**—\*Diamond Iron Works (Ltd.)  
**HOUMA**—\*Bergeron H. J.  
 \*†Houma Iron & Machinery Co.  
**JEANERETTE**—\*†Moresi Antoine Co., Ltd.  
**JENNINGS**—\*Eaton Harry H.  
 \*Getty F. I. (Well Screens, Iron Work, etc.)  
**LAKE CHARLES**—\*Michael James  
 \*†Reiser Machine Shop (Ltd.), (Fdry. & Machinist)  
**LECOMPTE**—\*Wiley E. W. Jr.  
**LEESVILLE**—\*†Leesville Iron Works  
**MANSFIELD**—\*†De Soto Foundry & Machine Co. (Ltd.)  
**MINDEN**—\*Webb Press Co. (Ltd.)  
**MONROE**—\*†Sanders J. G. Iron Works  
 \*†Weeks Supply Co. (Iron & Brass Foundry & Machinists)  
**MORGAN CITY**—\*†Johnston & Hamilton  
**NEW IBERIA**—\*Bernard A. M.  
 \*†Simon Geo. (Est of)  
**NEW ORLEANS**—\*Boland Mchy. & Mfg. Co. (Rice & Sugar Machinery), 1006 Tchoupitoulas  
 \*†Crescent Bed Co., Ltd. (Bedstead Mfrs), Gravier & Broad  
 \*Crescent City Machine & Mfg. Works, 628 Tchoupitoulas  
 \*†Dibert, Bancroft & Ross Co., Ltd. (Sugar Mill Machinery, Engines, Steel, Iron & Brass Castings, etc.), Tulane & Hagan av  
 \*Hinderer's Iron Works (Arch'l Iron, etc.), 118 Camp  
 \*†Johnson Iron Works (Ltd.), Morgan & Sequin  
 †Killeen's Foundry, 774 S Liberty  
 \*Koretke F. H. Brass & Mfg. Co. (Brass Fdrys. & Finishers), 922 Magazine  
 \*Lockett A. M. & Co., Ltd., 533 Baronne  
 \*Louisiana Scale Co. (Scales)  
 \*McDonald Jno. S.  
 \*Moore Clifton S. (Brass Specialties, etc.)  
 \*Patterson C. T. Co., Ltd., 801 Tchoupitoulas  
 \*†Murphy Jno. H. (Sugar Machinery & Castings), 643 Magazine  
 \*†New Orleans Dry Dock & Shipbuilding Co., Whitney-Central bldg  
 \*New Orleans Machine Works, 509 Conti  
 \*†Orleans Metal Bed Co. (Iron Bedsteads), 1518 City Park  
 \*†Payne & Joubert Machine & Foundry Co. (Sugar Machinery & Brass & Iron Castings, etc.), Howard & Euphrasine  
 \*†Shakespeare Iron Works, 913 Girod  
 \*†Southern Machine Works, 835 Tchoupitoulas  
 \*†Southern Pacific Ry. Shops  
 \*†Stern Fdry. & Machy. Co.  
 \*Sulpice L. F.  
 †Sutton J. P.  
 \*†Sutton's Fdry. & Structural Steel Wks  
 \*†Swoop Julian M., 913 Girod  
 \*†Whitney Iron Works Co. (Fdrys. & Machinists, Sugar Machy, etc.), 849 Tchoupitoulas  
**PLAQUEMINE**—\*†Nadler Henry  
**RAYNE**—\*Stamm, Scheele Mfg. Co. (Ltd.)  
**SHREVEPORT**—\*†Henderson, W. K. Iron Works & Supply Co. (Saw Mill Mach'y, Castings, etc.)  
 \*Woodward Wight & Co, Ltd, Constance & Howard  
 \*†White Benj S, Machine Shop & Foundry  
**THIBODAUX**—\*†Jeffries Wm.  
 \*†Keefe Lawrence, Estate



WASHINGTON—\*McNicholl John  
WELSH—\*Armstrong Mach. & Well Wks.  
Co. (Ltd.)  
\*Van Ness M. B.

## MAINE.

AUBURN—\*Androscoggin Foundry Co.  
\*Crawshaw J. M.  
\*Ray Wm. A. Jr.  
AUGUSTA—\*Fifield Bros. Co. (Gasoline  
Engines, etc.)  
\*Gay Geo. E. (Machinist & Engineer)  
\*Skehan W. J. & Co.  
BANGOR—\*Noyes & Nutter Mfg. Co.  
(Stores & Castings)  
\*†Penobscot Machinery Co.  
\*Purinton Andrew B.  
\*Schwartz's M. Sons  
\*†Union Iron Works (Iron & Brass  
Fdrs. & Paper & Pulp Mill &  
Wood Working, etc.)  
†Wood & Bishop Co. (Stoves, etc.)  
BATH—\*†Bath Automobile & Gas Engine  
Co. (Gas Engines, etc.)  
\*†Bath Iron Works, Ltd. (Ship Build-  
ers & Marine Engines & Brass  
Fdrs.)  
\*†Hyde Windlass Co. (Windlasses,  
etc.)  
\*†Torrrey Roller Bushing Works  
(Roller Bearing Bushings, Iron &  
Brass Castings)  
\*†Watson, Frye & Co. (Pulp Mill Cast-  
ings, Plug Cock & Valves)  
BETHEL—\*Herrick Bros.  
BIDDEFORD—\*†Saco-Lowell Shops (Cot-  
ton Machinery) (See Newton, Up-  
per Falls, Mass.)  
BOOTHBAY HARBOR—\*Thurston H. T.  
Co.  
BRIDGTON—\*†Bridgton Machine &  
Lumber Co.  
\*Halkett J. H. (Machinist)  
BRUNSWICK—\*Brunswick Mfg. Co. (Fer-  
rules, etc.)  
BUCKFIELD—\*Damon Arlington (Ma-  
chinist)  
CALAIS—\*Elliott Machine Co.  
†McCullough & Tait  
CAMDEN—\*†Camden Anchor-Rockland  
Machine Co. (Anchors & Gasoline  
Engines)  
\*†Knowlton Bros. (Brass & Iron  
Fdrs. & Machinists)  
CARIBOU—\*†Getchell J. S. & Son  
DEXTER—\*†Fay & Scott (Machine Tools  
& Iron & Brass Fdrs.)  
EAST BOOTHBAY—\*†Booth Bay Gas En-  
gine Co. (Gas Engines, etc.)  
\*†Rice Frank L. Motor Co. (Motors,  
etc.)  
EAST WATERFORD—\*Haskell J. B.  
ELLSWORTH—\*†Ellsworth Fdry. & Ma-  
chine Works  
GARDINER—\*†Hodgkins J. F. Co. (Jour-  
nal Bearings, Brasses, etc.)  
\*Scribner Harvey (Est. of) (Shingle  
Machinery)  
HALLOWELL—\*†Fuller's Geo. Sons  
(Brass & Iron Castings, etc.)  
\*North Wayne Tool Co. (Scythes,  
Axes & Tools, etc.)  
HARRISON—\*†Ricker T. H. & Sons Co.  
(Wood Working Machinery)  
HOLLIS CENTER—\*Colclough C. A.  
(Machinist)  
HOULTON—\*Cates H. M. & Son  
\*†Houlton Fdry. & Machine Co (Fdrs.  
& Machinists)  
KENNEBUNK—\*†Varnay Geo. (Agrl. Im-  
plements & Castings)  
LEWISTON—\*Harvey Geo. E.  
\*King Arthur B.  
\*Rand W. Clarence (Machinists)  
LIVERMORE FALLS—\*Allen Albert (Ma-  
chinist)  
\*†Record Fdry. & Machine Co.  
MECHANIC FALLS—\*†Penney J. W. &  
Sons Co. (Steam Engines & Iron  
& Brass Fdrs., etc.)  
MILLBRIDGE—\*†Foster A. V.  
MILLINOCKET—\*†Millinocket Foundry  
& Machine Co.  
NORTH BERWICK—\*†Hussey Plow Co.  
(Agrl. Impls., etc.)  
NORWAY—\*Murdoch Francis W.  
OAKLAND—\*Bates A. B. Co.  
\*Dunn Edge Tool Co. (Axes, etc.)  
\*Emerson & Stevens Mfg. Co. (Axes,  
Scythes, etc.)  
\*King John (Axes, etc.)  
\*†Oakland Foundry & Machine Co.  
OLD TOWN—\*†Chapman's T. M. Sons  
Co. (Wood Working Mach'y, etc.)  
ORONO—\*Mansfield Edw. & Co. (Cant-  
dogs, etc.)

PORTLAND—\*Adde & Co.  
\*†Babbitt Chas. E. (Brass & Iron  
Fdrs. & Machinists)  
\*Conant R. O. Co. (Canning Machy,  
etc.)  
\*†Fletcher & Crowell Co. (Iron Fdrs.  
& Bldrs. Iron Work)  
\*Knight Bros. (Brass Fdrs., etc.)  
\*Laughlin Thos. Co.  
\*Maine Electric Co. (Dynamos, Mo-  
tors, Engines, etc.)  
\*Megquier & Jones Co. (Bldrs. Iron  
Work)  
\*Orr & Jennings (Machsts. & Cast-  
ings)  
\*†Portland Co. (Steam Engines, Pa-  
per & Pulp Machy & Iron & Brass  
Fdrs., etc.)  
†Portland Stove Foundry Co. (Stoves,  
etc.)  
\*Smith & Langmaid  
\*Southworth Machine Co. (Printers' &  
Bookbinders' Machinery)  
\*Stickney Henry R. (Can Filling Ma-  
chines, etc.)  
ROCKLAND—\*Livingston Mfg. Co. (Stone  
Working Tools)  
\*Shuman I. J.  
RUMFORD—\*†Clark Foundry Co.  
(Punches & Shears, etc.)  
SKOWHEGAN—\*†Hackett & Witham  
SOUTH PARIS—\*Jones Walter S.  
†Penley Gilman H.  
Equipment Co. (Marine Hdw.,  
etc.)  
SOUTH UNION—\*†Ripley C. S.  
WATERVILLE—\*Lombard Traction En-  
gine Co.  
†Noyes Stove Co. (Stoves)  
\*†Waterville Iron Works (Pulp  
Wood Machinery)  
WESTBROOK—\*†Foster-Brown Co.  
†Jordan Rufus K. (Iron Fdry.)  
\*Knowlton Machine Co.  
WEST GARLAND—\*Gordon H. L.

## MARYLAND.

BALTIMORE—\*Adt, Jno. B. Co. (Brewers  
& Maltsters, Tobacco Machinery,  
etc.), 340 N Holliday  
\*American Compressor & Pump Co.  
(Air Compressors, Vacuum  
Presses, etc.) 801 E Pratt  
\*Anderson G. A. Mfg. Co., Bush &  
Russell  
\*Baltimore Brass & Plating Works,  
118 E Center  
\*†Baltimore Car-Wheel Co. (Electric  
Car Trucks & Wheels). Fulton  
Station  
\*†Baltimore Gas Appliance & Mfg.  
Co. (Gas Ranges, etc.) Bayard  
& Hamburg  
Baltimore Malleable Iron & Steel  
Castings Co., S Charles & Wells  
\*†Baltimore & Ohio R. R. Co. Balti-  
more & Charles  
\*†Bartlett, Hayward Co., (Gas Works  
Machinery Iron Founders, etc.),  
Scott & McHenry  
\*†Bates Elevator Co. (Elevator Bldrs.,  
Castings, etc.), 211 President  
\*†Bibb B. C. Stove Co. (Stoves, etc.)  
109 Light  
Black & Decker Mfg. Co. (Contract  
Mfg., Special Machy., etc.), 111  
S. Calvert  
\*Boehm Henry E. & Co., 306 N Holli-  
day  
\*Brown F. S. & G. L. Machine Co.  
(Presses, Dies & Sheet Metal  
Tools), 20 E Fort av  
\*Burt Machine Co. (Canning Ma-  
chinery), 403 E. Oliver  
\*Cahill W. S. Co. (Ship Builders, En-  
gines, etc.), ft of Webster  
\*Calvert Machine Co., 1606 Thames  
†Carr Stuart R. & Co. (Iron Foun-  
ders), Boston & Montford av.  
\*Cassard Hamilton (Broom Machin-  
ery), Holliday & Pleasant  
\*Central Foundry Co. Dundalk  
\*Chesapeake Iron Works (Builders'  
Iron Work & Castings), Westport  
\*Chesapeake Machine Co. Eastern av  
\*Chesapeake Marine Railway Co., Phil-  
pot cor. Point  
\*Coale Muffler & Safety Valve Co.,  
325 E Oliver  
\*Codd E. J. Co. (Machinists, etc.), 700  
S Caroline  
\*Crook H. E. Co., Inc., 28 Light  
\*Crown Cork & Seal Co., 1511 Guil-  
ford av.  
\*Detrick & Harvey Machine Co. (Ma-  
chine Tools, etc.), 508 E Preston

\*†De Ved & Sons Sash Weight Co.  
(Builders' Castings), 813 S How-  
ard  
\*Dietrich Bros. (Jail Guards, Bridge  
Rods, Plates, etc.), cor Pleasant  
& Davis  
\*†Diez & Roemer Brass Co., 212  
Fallsway  
\*Dix Mfg. Co. (Door Hangers), Eager  
& Fallsway  
\*Dixie Mfg. Co. (Dust Collectors, Ex-  
haust Fans, etc.), Stockholm &  
Russell  
\*Dorman J. F. W. Co. (Rubber Stamp  
Machinery) 526 N. Calvert  
\*Eisenbrandt F. B. (Gas Engines) foot  
of Light  
\*ELLCOTT MACHINE CORP.  
(Dredging Machinery, Grey Iron  
Castings, etc.), Bush & Severn.  
See adv index at end of book  
\*Fadum Fred'k (Machinist), 408 W  
German  
\*Farrell Edw. P. (Brass Fdry. & Fin-  
ishers), 1414 Philpot  
\*Fauntleroy Elevator Co. (Elevators,  
etc.), 8th nr. Pratt  
\*†Flynn & Emrich Co. (Founders, En-  
gines & Machinists), 305 N Holli-  
day  
†Foster Bros. Mfg. Co. (Iron Beds,  
etc.), 320 N Holliday  
\*†Gibson & Kirk Co. (Brass Fdrs.,  
etc.), 217 Key Highway  
\*Gisriel Wm. & Son, Federal & Guil-  
ford av  
†Greenmount Iron & Mfg. Co. (Grey  
Iron Castings), 889 Greenmount  
av  
\*Harms Bros. (Gas Engines), 1730  
Thames  
\*Hollingsworth Wm. (Gas Engines,  
etc.), 229 N Holliday  
\*Hutcheson Wm. (Brass Finisher &  
Machinist), 212 N Holliday  
†Hutchinson Bros. (Stoves, Furnaces,  
etc.), 5 S Howard  
\*Ives Mfg. Co., 203 Hanover  
†Jones Hollow Ware Co. Forrest &  
Madison  
\*Jones Jno. T. Sons (Canning Machin-  
ery, etc.), 734 E Lombard  
\*Kemp C. M. Mfg. Co. (Gas Machines,  
Cellar Drainers, etc.), 405 E Oliver  
†Kennedy's P. Foundry (Grey Iron &  
Castings), S Charles & Wells  
\*Knapp Fred Co. (Labelling), Lexing-  
ton st bldg  
\*Kries Henry A. & Sons, 8 W Lom-  
bard  
†Kugler & Shane, Woodall & Clement  
†Lacy Jas. J. Co. (Propeller Wheels,  
Grey Iron Castings, etc.), Block &  
Wills  
\*Lazenby F. A. & Co., 414 Key High-  
way  
\*†Levering Bros. (Sash Weights, Grey  
Iron Castings, etc.), Wicomico &  
Monroe  
\*†Liberty Brass Works (Brass Cast-  
ings, etc.), 305 W Lombard  
\*McClenahan H. J. & Co. 617 Water  
\*McShane Bell Foundry Co. (Bell  
Founders, etc.), Harford av &  
B. & O. R. R.  
\*Mackin F. M. & Co., 1729 Lamont av  
\*MacRae Hector C. (Electrical Stor-  
age Batteries, etc.), 316 St. Paul  
\*Marquette John N. Sons (Fertilizer,  
Machinery, etc.), 513 S. Eden  
\*Maryland Brass & Metal Works  
(Brass & Bronze Castings, etc.),  
Guilford & Federal  
\*Maryland Dredging & Contracting Co.  
(Marine Repairs), Fidelity bldg.  
†Meiser H. & Son (Iron Fdrs., Bldrs.  
Iron Work, etc.), 204 Clay  
\*Mergenthaler Co., 118 Hollingsworth  
\*Mitchell Jno. R. Co. (Pineapple  
Mach'y, etc.), 702 S Washington  
\*Monarch Engineering & Mfg. Co.,  
American bldg.  
\*Monitor Mfg. Co. (Electric Motor  
Controllers, etc.), 514 E Lombard  
\*Moore Machinery Co. (Special Ma-  
chinery, etc.), 217 North  
\*Murrill & Keizer (Light Machy., Pat-  
tern & Model Work, Special  
Machy., etc.), 206 N Holliday  
\*National Supply Co. Casters, Brass  
Fdrs & Finishers, etc.), Curtis  
bldg  
\*Obrecht Chas. F. Co., 8 E Perry  
\*Page Engineering Co. (Marine Gas  
Engines), Claggett & Hull  
\*Phelps Walter J. (Canners' Machin-  
ery), ft. of Lawrence



\*§Poole E. H. & Co., 1513 Orleans  
 \*§Poole Engineering & Machine Co. (Power Transmitting, Rolling Mill Machy., etc.), Woodberry Station  
 \*Renneburg Edw. & Sons Co. (Canning House Machinery, etc.), 2639 Boston  
 \*§Richardson Edro Brass Co. (Brass Fdrs. & Finishers), 318 N Holliday  
 \*Rittenhouse, Fleury Co., 316 N Holliday  
 \*Robins A. K. & Co. (Stove & Canning Machinery), 116 Market place  
 Rowan Controller Co. The, 308 N Holliday  
 \*†Sackett A. J. (Fertilizer Machy., etc.), cor 4th av & 1st  
 †Sexton S. B. Stove & Mfg. Co. (Stoves, etc.), 9 S Gay  
 \*†Sheppard Isaac A. & Co. (Stoves etc.), Eastern av & Chester See Phila., Pa.)  
 \*Sinclair-Scott Co. (Canning Machy., etc.), Wells & Patapsco  
 \*Slaysman & Co. (Can Makers' Machy.), cor Pratt & President  
 \*Spedden Ship Bldg. Co. (Ship Builders), Boston & Kenwood  
 \*Starr B. F. Co. (Grinding Mills, etc.), Guilford av & Center  
 \*Stebbins Wallace & Sons, 100 S Charles  
 \*Stevenson & Co. (Can Makers' Machy.), 607 S. Caroline  
 †Symington T. H. Co. Md. Trust bldg. (Railroad Supplies)  
 \*Universal Machine Co., Industrial bldg  
 \*§Walther Geo. W. & Co., 208 W Fayette  
 \*†§Weiskittel A. & Son Co. (Stoves, Ranges, Porcelain Enameled Bath Tubs, Iron & Brass Founders), 12th & E Lombard  
 \*White Chas. Gas Engine Co. (Gas Engines), So. Charles & Winder  
 \*Zastrow Geo. W. (Pineapple Machinery, etc.), 1410 Thames  
 Zies Chas. & Sons (Brewers' & Butchers' Machinery, etc.), 320 S Fremont av.  
 CAMBRIDGE—\*Shackelford Edgar.  
 CUMBERLAND—\*§McKaig Merwin  
 \*†Maryland Mould & Foundry Co. (Grey Iron Castings)  
 \*†Williams Foundry & Machine Works  
 EASTON—\*†Withgott W. H. & Co.  
 ELKTON—\*McQuilkin Geo. (Machinist)  
 †Powers Jas. F. Fdry. Co. (Iron Fdry.)  
 EMMITSBURG—\*†Fraleigh W. A. & Bros. (Iron Fdry.)  
 FREDERICK—\*Abbott's Machine Shop  
 \*†American Foundry & Mfg. Co.  
 \*†§Morris Iron & Steel Co. (Elec. Ry. Line Materials, Grey Iron Castings, etc.)  
 GALENA—†Hyland Wm. A. Jr. (Wood Printing Machines)  
 GLENARM—\*Hooper Francis X. Co.  
 HAGERSTOWN—\*†Foltz Mfg. & Supply Co. (Iron Fdry. & Machinists)  
 †Hagerstown Foundry Co.  
 \*†Hull's D. F. Son  
 \*Rupp Mfg. Co.  
 HANCOCK—\*†Hancock Fdry. Machine Works  
 MANCHESTER—\*†Shower Wm. H.  
 PERRYVILLE—†Armstrong Stove & Mfg. Co. (Stoves, etc.)  
 POCOMOKE CITY—Pocomoke Foundry & Machine Wks.  
 PORT DEPOSIT—\*†Bibb B. C. Stove Co. (See Baltimore, Md.)  
 SALISBURY—\*Grier F. A. & Sons  
 \*†Grier R. D. Salisbury Machine Works  
 SOUTH BALTIMORE—(See Baltimore)  
 SPARROWS POINT—\*†§Maryland Steel Co.  
 WESTERN PORT—†White Bros.  
 WESTMINSTER—\*†§Westminster Metal & Foundry Co. (Grey Iron & Brass Castings, etc.)

## MASSACHUSETTS.

ABINGTON—\*Lamson E. F.  
 AMESBURY—\*§Amesbury Brass & Foundry Co. (Brass, Manganese Bronze, etc., Castings)  
 \*Bailey S. R. & Co. (Carriage Bldrs., etc.)  
 \*§Baker Foundry & Machine Co.  
 \*Pettingell Machine Co.  
 ARLINGTON HEIGHTS—\*Arlington Machine Works (Textile machinery)

ASHBURNHAM—\*Almond T. R. Mfg. Co. (Drill Chucks, Countershafts, etc.)  
 ASHLAND—\*Lombard Governor Co. (Water Wheel Governors, etc.)  
 \*Ray Bros. (Printing Presses)  
 ASSONET—\*Davis N. R. & Sons (Fire Arms, etc.)  
 ATHOL—\*†§Athol Machine Co. (Machinists' Fine Tools, etc.)  
 \*§Athol Pump Co. (Pumps & Brass Castings)  
 \*Gerry Geo. & Son (Textile Machy.)  
 \*STARRETT L. S. CO. (Machinists' Fine Tools, etc.)  
 See adv index at end of book  
 \*Union Twist Drill Co. (Gear & Milling Cutters, etc.)  
 ATTLEBORO—\*Mossberg Frank Co. (Dies, Special Machinery & Tools)  
 AYER—\*Chandler Machine Co.  
 BARRE—\*†Allen Chas. G. Co. (Drill Presses, Self-Opening Dies, etc.)  
 BEVERLY—\*Naumkeag Buffing Machine Co. (Buffing Machines, etc.)  
 \*Reid Bros. Co. (Linotype Parts & Accessories)  
 \*Smith Ira A.  
 \*†United Shoe Machinery Co. (See Boston)  
 BOSTON—\*Allington & Curtis Mfg. Co., 18 L. (See Saginaw, Mich.)  
 \*American Flashing Machinery Co., 141 Milk  
 \*American Motor Equipment Co. (Gasoline Engines) 181 Mass. av.  
 \*American Postal Machines Co. (Stamp Cancelling), 295 Congress  
 \*American Shade Machine Co., 19 Milk  
 \*§American Soda Fountain Co., 282 Congress  
 \*§American Steam Gauge & Valve Mfg. Co. (Gauges, Valves, etc.), 208 Camden  
 \*†§American Tool & Machine Co. (Centrifugals, Hydro-Extractors, Brass Finishers' Lathes, Waste Washing Machines, etc.), 10 High  
 \*American Warp Drawing Machine Co., 95 Milk  
 \*†Ames Plow Co. (Agrl. Impits. & Machines), 100 Summer  
 \*Ames Shovel & Tool Co., Ames Bldg.  
 \*§Anderson Albert & J. M. Mfg. Co. (Elec. Ry. Light & Power Machinery & Brass Fdrs., etc.), 289 A  
 \*Angell Elevator Lock Co. (Elevator Safety Locks), 370 Atlantic av  
 \*Arbette Felling Machine Co., 242 Dover  
 \*Atlantic Works (Ship Engine Builders), 80 Border, E B  
 §Atlas Brass Foundry Co., 155 A. S. B.  
 \*Automatic Box Machinery Concern, 270 Congress  
 \*Babson Dow Mfg. Co.  
 \*Barr Jno. A. & Co. (Machinists), 91 Wareham  
 \*Barrett Bros. (Special Machinery), 43 Haverhill  
 \*§Barrett Jas. Mfg. Co. (Plumbers' Iron & Brass Specialties, 117 Pearl  
 \*Bartlett E. (Bench Planers, Arbor Presses, etc.), 326 A  
 \*Bassill Louis Co. (Brass Finishers), 100 Utica  
 \*†Bay State Heating & Sprinkler Co., 49 Haverhill  
 \*Beaudry & Co. (Power Hammers, etc.), 141 Milk  
 \*†§Bent G. W. Co., 93 Causeway (Bedsteads)  
 \*Bertelsen & Petersen Engineering Co. (Ship Machinists), 256 Border  
 \*Blake G. F. Mfg. Co. (Pump Mfrs.), 200 Devonshire

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\*Boston Bottling, Wiring & Labeling Co., 23 Wormwood  
 \*§Boston Brass Andiron Co. (Brass Fdrs. & Finishers), 104 Utica

§Boston Foundry Co. (Brass Castings), 210 Border  
 \*Boston Bridge Works (Traveling Structural Steel Work, etc.), 47 Winter  
 \*§Boston Casting Co., 156 Pearl  
 \*§Boston Coupling Co. (Machinists & Brass Finishers), 156 Pearl  
 \*§Boston Elevated Railway Co., 101 Milk  
 \*Boston Nickel Plating Co. (Brass Finishers), 160 Portland  
 †Boston Sash Weight Co., 79 Milk  
 \*§Boston Steam Specialty Co. (Steam Traps, Separators, Indicators, Lubricators, etc.), 332 A  
 \*Boston & Lockport Block Co. (Tackle Blocks, Diaphragm Pumps, Differential Hotels, etc.), 100 Condor, East Boston  
 \*Boylston Mfg. Co. (Shoe Machinery, etc.), 251 A.  
 \*Brackett, Shaw & Lunt Co., (Gasoline Engines) 62 Washington N  
 \*†Bradlee & Chatman Co., (Heaters) 54 Canal  
 \*Bradley Pulverizer Co., 92 State  
 \*Brown Beer Pump Co. (Brewers' Supplies), 11 Chardon  
 \*Burke P. F. (Toe Calks, etc.), Darnell S.  
 \*Buzzell J. G. & Co. (Boot and Shoe Machinery), 102 High  
 \*Cahill Michl. F. ("Cahill" Brass Fertilizers, etc.), 710 E 2nd  
 See adv index at end of book  
 \*Campbell-Bosworth Machine Co. (Harness Machinery), 205 Lincoln  
 \*Carson Trench Machine Co. (Trench and Excavating Machinery, etc.), 16 Dorrance  
 †Central Foundry Co., 105 Cummings  
 \*Champion Button-Hole Machine Co., 641 Atlantic av  
 \*Child Acme Cutter & Press Co. (Bookbinders' Machinery) 184 Summer  
 §Clark D. W. & Co. (Brass Works & Aluminum Castings), 280 1st  
 \*Codman F. L. & J. C. Co. (Buff Wheels, etc.), 15 Elkins, S. B.  
 \*†Coffin Valve Co. (Valves, Sluice Gates, etc.), Neponset  
 \*Columbia Mills, 123 Kingston (See New York)  
 \*Costmeter Co., 295 Franklin  
 \*Crandall Engineering Co., 102 Border, E. B.  
 \*§Crosby Steam Gage & Valve Co. (Steam Specialties), 40 Central  
 \*Cross Paper Feeder Co., 185 Summer  
 \*Cummings Machine Works (Shoe Machinery) 110 High  
 †Cunningham J. H. Co., 269 Congress  
 §Dahlquist Mfg. Co. 40 W. 3d, S. B.  
 See adv index at end of book  
 \*†Dalton-Ingersoll Mfg. Co. (Plumbers' Brass Goods), 171 High  
 \*Davis I. B. & Son (Pump Mfrs.) 7 Pearl  
 \*§D'Esse Julian Co. (Steam Specialties, Brass Fdrs. & Finishers), 24 Canal  
 §Dorchester Brass & Aluminum Foundry, Jamaica Plain  
 §Duncan Wm. 288 Meridian, E. B.  
 \*Eagle Metal Works (Plumbers' Specialties), 127 Purchase  
 \*†Edson Mfg. Co. (Diaphragm & Force & Lift Pumps, etc.), 257 Atlantic av  
 \*Electric Blower Co. (Blower Mfrs., etc.), 352 Atlantic av  
 \*Empire Laundry Machinery Co. (Laundry Machinery), 352 Webster av.  
 \*Ensign Mfg. Co. (Calculating Machines), 19 Brook, Fanueil  
 †Estabrook's R. Sons (Soil Pipe & Fittings & Castings, etc.), 204 W 1st, South  
 \*Eyelet Tool Co., 40 Lincoln  
 \*Finch J. H. Co. (Brass Finisher), 24 Beach  
 \*Fitzhenry E. L. & Co. (Yacht & Launch Engines, etc.), 49 Washington N  
 \*Fraser Warren F. Co., 81 Freeport  
 \*Galusha A. L. & Co., 11 Elkins  
 \*†§Gibby Foundry Co. (Grey Iron & Brass Castings), 96 Condor, E. B.  
 †§Gibson Bedstead Co., 25 George (Castings)  
 §Gilchrist Geo. E. Co. (Brass Fdrs. & Finishers), 106 High  
 \*Gillette Safety Razor Co. (Safety Razors), 41 W. 1st



- \*Grant Gear Works (Gears & Pinions, etc.), 151 Pearl  
*See adv index at end of book*
- \*Grant Nail & Supply Co. (Adjustable Reamers, etc.), 47 High
- \*Granular Metal Co., 77 Farnum
- \*Gray-Aldrich Co. (Gasoline Engines) 33 Commercial Wharf
- Grundy J. E. & Co. (Brass Finishers), 82 Sudbury
- \*†Gurney Heater Mfg. Co. (Heaters, Radiators, etc.), 188 Franklin
- \*§Hall Wm. Co., (Locks & Trolley Line Materials, etc.), Quincy
- \*Ham L. M. Co., (Cold Iron Sawing & Coping Machines, etc.), 158 Portland
- \*§Hamlin & Emery Brass Co. (Brass Goods & Castings), 49 Island
- \*§Hancock Inspirator Co. (Injectors & Ejectors, etc.), 23 Watson. Office: New York
- \*Hart Mfg. Co., 352 Atlantic av
- \*Hart, Thos. H. Co., 364 Atlantic av
- \*Hartford Bros. (Shoe Machinery) 102 South
- \*Haskell-Dawes Machine Co. (Textile Machinery), Works: Phila., Pa.
- \*§Hersey Mfg. Co. (Sugar & Soap-makers Machy., Water Meters, etc.), First S. R.
- \*Hetherington John & Sons Ltd. (Cotton machinery, 178 Devonshire
- \*†Highland Foundry Co. (Stoves, etc.), 1341 Columbus av
- \*Highland Machine Co. (Machinists' & Pattern Makers, etc.), 56 Kemble, Rox
- \*Hoffecker Co. (Speed Indicators) 222 Elliot
- \*Holmes & Blanchard Co., (Fertilizer Machinery,) 31 State
- \*†Howes S. M. Co. (Stoves, etc.), 42 Union
- \*Howes Forest E. (Jobbing), 307 Atlantic av
- \*Huff Electrostatic Separator Co. (Ore Separators) 60 India
- §Hungerford U. T. Brass & Copper Co. of Boston, 95 Broad
- \*§Hunt Harry (Brass Founder & Finisher, Dies, etc.), 97 Haverhill
- \*Hunt-Spiller Mfg. Corp. (Locomotive & Gun Iron Castings), 395 B'way
- \*Jarvis Engineering Co., (Injectors & Ejectors), 261 Franklin
- \*Jerguson Gage & Valve Co., 88 Broad
- \*Jones Mfg. Co. (Water Filters), 243 Franklin
- \*Kinney Mfg. Co. (Power Pumps, etc.), 3541 Washington
- \*Knapp, Gardner & Co., 62 Sudbury
- \*Knight & Thomas, 212 Summer
- †Krasser, F. & Co. (Iron Fdrs.), 31 George Rox
- \*†Laconia Car Co. (Electric Cars & Trucks & Malleable & Grey Iron Castings), 60 Congress. Works: Laconia, N. H.
- \*§Lamson Co., 100 Boylston. Works: Lowell, Mass.
- \*Lang J. A. & Sons (Dies, Tools & Light Machy.), 280 Dover
- †Lincoln Geo. H. Co. (Iron Fdrs.), 191 Old Colony av, S. B.
- \*†§Livermore H. F. Co. (Steel & Malleable Castings), 85 Pearl
- \*Lockett Crimping Machine Co., 77 Summer
- \*†Lockwood Mfg. Co. (Marine Engines, Propeller Wheels, etc.), 65 Sumner, East Boston
- \*Long J. H. Machine Co., 184 High
- \*Ludlow Valve Mfg. Co., 141 Milk
- \*Lufkin John W. & R. H. (Vamp Folding Machy.), 38 Chardon
- †Lumdin Steel Casting Co.
- \*†§Lumsden & Van Stone Co. (Heating, Specialties, etc.), 69 High, E. B.
- \*Lundin Electric & Machine Co. (Electrical Specialties), 10 Thatcher
- \*Lunt-Moss Co. (Gasoline Engines, etc.), 43 So. Market
- §McCafferty J. H. Co. (Brass & Bronze Founders, etc), 434 Harrison av
- \*McCulloch A. P. Machine Co. (Tools, Dies & Special Machinery), 216 High  
*See adv index at end of book*
- \*§McGann T. F. & Sons Co. (Ornamental Brass, Bronze & Iron Works), 114 Portland  
*See adv index at end of book*
- \*†McKie Shipbuilding Co., 100 Border E B
- \*McLaughlin Geo. G. Mfg. Co., 24 Washington N
- McLauthlin Geo. T. Co. (Machinery Builders), 120 Fulton
- \*§Macallen Co. (Electric Specialties & Brass Fdrs.), 16 Macallen South
- \*†Magee Furnace Co. (Heating & Cooking Apparatus), 38 Union
- \*Marshall Son & Co. (Book Binders & Paper Box Machy.), 226 Purchase
- \*Marston J. M. & Co. (Saws, Wood Working Machinery, etc.), 226 Ruggles
- \*Mason Regulator Co. (Regulators, etc), 1192 Adams  
*See adv index at end of book*
- \*†Mead-Morrison Mfg. Co. (Hoisting & Conveying Machinery), cor. Prescott & Orleans E R
- †Mechanics Iron Fdry. Co. (Grate Bars, etc.), 38 Kemble, Rox
- \*Meisel Press Mfg. Co. (Printing Presses & Slitting & Winding Machinery, Contract & Special), 942 Dorchester av.
- \*Metcalf J. C. Machinery Co. (Paper Box Machy.), 102 Pearl
- \*Miller Trolley Shoe Co. (Contract Work), 15 Elkins
- \*Moore Geo. W. (Tools, etc.), 44 Farnsworth
- \*Moore J. W. Machine Co., 592 E 1st S B
- \*Moore & Wyman Elevator & Machine Works, 72 Granite, S B
- †Morandi-Proctor Co. (Cooking Apparatus), 86 Washington
- \*Morrison, Angus Co. (Machinist & Elevators, etc.), 189 High
- §Morse A. J. & Son (Fire Dept. Supplies & Brass Finishers), 221 High
- \*Murray & Tregurtha Co. (Marine Engines, Joints, etc), 340 W 1st
- \*Nary F. E. (Brass Finishers), 51 Chardon
- \*Nashua Machine Co. (Steam Traps), 127 Federal
- \*National Machine & Tool Co. (Machy, Jigs, Tools, Dies, etc.), 253 A
- \*National Packaging Machinery Co., 172 Green, Jamaica Plain
- \*Nelson Blower & Furnace Co., 11 Elkins
- Neponset Engine & Machine Co. (Gas & Gasoline Engines), Neponset
- \*New England Annealing & Tool Co., 74 K, S B
- \*New England Gear Works, 100 Purchase
- \*Nicholas & Stephenson (Machinists), 208 Summer
- \*Norton A. O., Inc. (Ratchet Screw & Track Jacks), 286 Congress
- \*Parker Machine Co. (Special Tools, Dies, etc), 221 High
- \*Pattinson Mfg. Co., 48 Stanhope
- \*Peerless Machinery Co. (Shoe Machinery), 44 Blinford, S B
- \*Peerless Motorcar Co. (Motorcycles), 660 Beacon
- \*Poland Laundry Machinery Co., 47 Kemble
- \*Power Numbering Machine Co., 299 Marginal, E B
- \*Puritan Mfg. Co. (Harness Machinery), 121 Beach
- \*R. & S. Machine Co. (General Machinists), 24 L (South Boston)
- \*Reece Buttonhole Machine Co., 502 Harrison av
- \*Reece Folding Machine Co., 502 Harrison av
- \*Renim Specialty Co. (Electrical Specialties), Brighton
- \*Ridlon, Frank Co. (Electrical Appliances), 158 Summer
- \*Rivett Lathe & Grinder Co., 2 Brooks, Brighton
- §Rogers C. E. (Brass & Bronze Fdry.), 34 Beach
- \*†§Saco-Lowell Shops (Textile Machinery Works), 77 Franklin
- \*Scott & Williams (Knitting Machinery), 88 Pearl
- \*§Scrannage Bros. (Brass Fdrs. & Finishers), 77 Travers
- \*Seelye Mfg. Co. (Shoe Machinery), 118 South
- \*Shaw Propeller Co., 15 Elkins
- \*Shawmut Machinery Co. (Shoe Mach'y), 82 Lincoln
- †Smith & Anthony Co. (Stoves Works), 52 Union. Works: Wakefield, Mass.
- \*†Smith & Lovett Co. (Builders' Castings & Machine Work), 135 Tyler
- †Snow W. A. Iron Works, Inc. (Architectural), 19 Portland
- \*Souther John & Co. (Dredging, Machines, etc.), 101 Tremont
- \*†Standard Rivet Co. (Rivet & Staple Setting Machines, etc), 41 Lincoln
- \*Standard Shoe Tying Machine Co., 19 Lincoln
- \*Stanley Co. (Gasoline Engines), 79 Milk
- \*§Star Brass Mfg. Co. (Steam Specialties & Brass Fdrs.), 103 E Dedham
- §Star Refining Co. (Brass Fdrs., Bab-bitt Metal, etc.), 116 W. First
- \*Stevens Type & Press Co., 183 High
- \*Strater Herman & Sons (Brass Fdrs. & Finishers, Bar Fixtures, etc.), 74 Sudbury
- \*Sturtevant Mill Co. (Cement & Pulverizing Machy.), Dorchester
- \*Tarbett W. A. & Co., 287 Atlantic av
- \*Terkelsen & Weinberg, 326 A
- \*Tolman Mfg. Co., 19 W Third, S B
- \*Trimount Rotary Power Co. (Pump Manufacturers), 18 Heath
- \*Tufts Nathaniel Meter Co. (Gas Meters), 455 Commercial
- \*Union Button Sewing Co., 394 Atlantic av
- \*Union Gear & Machine Co. (Gears, etc.), 85 Purchase
- \*Union Lock Stitch Co. (Sewing Machines), E. Boston
- \*United Hammer Co. (Power Hammers, etc.), 14 Milk
- \*§United Injector Co., 23 Watson
- \*United Mattress Machinery Co., 19 Milk
- \*United Printing Machinery Co. (Printing & Litho. Machy., etc.), 100 Summer
- \*†United Shoe Machinery Co. (Shoe Machinery), 205 Lincoln
- \*United States Automatic Box Machy. Co., 172 Green, Jamaica Plain
- \*Universal Winding Co. ("Leesona" Textile Machinery), 95 South
- \*Wade Machine Co. (Punches, Dies, etc.), 817 Albany
- \*†Walker & Pratt Mfg. Co. (Stoves, Radiators, etc), 31 Union
- \*†§Walworth Mfg. Co. (Pipe Cutting & Threading Machines, Stocks & Dies, & Iron & Brass Fdrs., etc), First, S B
- †Waters Governor Co., 141 Milk
- \*Welch T. F. Co. (Gears & Specialties), 55 Sudbury
- \*Whitney F. E., 65 Sudbury
- \*†Whittier Machine Co. (Elevators, Iron Fdrs., etc.), 34 India
- \*Woods S. A. Machine Co (Woodworking Machy., etc)
- BRAINTREE—\*Dow Mfg. Co. (Spark Plugs, etc.)
- BRIDGEWATER—\*Continental Gin Co. (Cotton Gins, etc.)
- \*†§Perkins Henry Co. (Iron Fdrs. & Wire Nail Machy.)
- \*†§Stanley Works. (See New Britain, Conn.)
- BROCKTON—\*Bostock Thos. & Sons (Machinists)
- \*Brockton Die Co.
- \*Donnelly Machine Co.
- \*Independent Die Co.
- \*Kimball Bros. & Sprague (Nail Mill & Tack Machy, etc.)
- \*Knight Geo. & Co. (Machinists)
- †Le Baron E. L. Foundry Co.
- \*Scott Geo. V. Co. (Machinists)
- \*Tucke Mfg. Co. (Shoe Knives, etc.)
- \*†United Shoe Machinery Co. (Shoe Machinery.). (See Boston, Mass.)
- BROOKLINE—\*†Holtzer-Cabot Electric Co. (Electric Mach & Specialties)
- \*Ritchie E. S. & Sons (Current Meters)
- CAMBRIDGE—\*Advance Machine Co. (Embossing Machines)
- \*§Ashton Valve Co. (Steam, Gas & Water Specialties & Brass Fdrs.), 161 First
- †Barbour Stockwell Co. (Street Railway Specialties & Castings)
- \*Blanchard Machine Co. (Machine Tools)
- \*Boston Bridge Works (See Boston)
- \*Boston Machine Screw Co., 17 Tudor
- \*§Boston Woven Hose & Rubber Co. (Hose Couplings, Nozzles, etc.)
- †Broadway Iron Foundry Co. (Iron Fdrs.)



- \*†Cambridge Iron Works (Castings, etc.)  
 Carpenter Lewis A. Press Metal Co. (Machinist)  
 Carroll A. P. Machine Co., 92 B'way  
 \*Clark & Mills Elec. Co. (Electric Specialties)  
 Crofoot Gear Works (Gears)  
 \*Elliott Co. (Addressing Machines)  
 \*Davis F. H. (Paper Mill Machinery) (See Boston, Mass.)  
 \*Dyer G. H. Company  
 \*Eclipse Machine Tool Co., 7 Sherman  
 \*Essex Brass Foundry Co.  
 \*Eustis J. P. Mfg. Co. (Bathroom Fittings)  
 \*Excel Mfg. Co., 7 Sherman  
 \*Field Walter W. & Son (Hoisting Engines, etc.)  
 \*General Radio Co. (Wireless Telegraph Apparatus), 11 Windsor  
 \*Holmes Chas. Leather Working Machinery Co.  
 \*Mobach Tool & Machine Mfg. Co. (Vises & General Contract Wk.)  
 \*†Roberts Iron Works Co. (Fdrs., etc.)  
 \*Seelye Mfg. Co. (Shoe Machy., etc.)  
 \*Shaw, Hamlin J.  
 \*Simplex Electric Heating Co.  
 \*†Worthington Pump & Machinery Corp. (Blake & Knowles Works)  
**CANTON**—\*Samson Electric Co. (Electrical Goods, etc.)  
**CHELSEA**—\*Connolly Steel Castings Co. (Steel Castings)  
 \*†Griffin Wheel Co. (Car Wheels) (See Chicago, Ill.)  
 \*†Lovewell-Henrici Co. (Laundry Machy.)  
 \*†Magee Furnace Co. (See Boston, Mass.)  
 †Market Forge Co.  
 †Smith A. L. Iron Works (Ornamental Iron Work, etc.)  
 \*†Snow W. A. Iron Works (Stable Fixtures & Ornamental Iron Works, etc.)  
 \*§Union Metal Works  
**CHICOPEE**—\*James Sword Co.  
 \*†Spalding A. G. & Bros. Mfg. Co.  
**CHICOPEE FALLS**—\*†Belcher & Taylor Agricultural Tool Co. (Agri. Implements & Tools)  
 \*†Lamb Knitting Machine Co. (Textile Machy.)  
 \*National Scale Co. (Counting Machines, Trucks, etc.), 11 Hendricks  
 \*Stevens J. Arms Co. (Fire Arms & Accessories)  
**CLINTON**—\*†Clinton Foundry Co. (Machinists' Iron & Brass Castings for Builders & Machinery)  
 \*Clinton Wire Cloth Co.  
 \*Gibbs Loom Harness & Reed Co. (Textile Machinery)  
**CONCORD**—\*Hancock W. C.  
**CONWAY**—\*Conant & Donelson Co. (Screw Cutting Tools, etc.)  
**DALTON**—\*Jordan G. J. (Machinists)  
**DANVERS**—\*Nightingale J. Ellis.  
**EAST BRIDGEWATER**—\*†Carver Cotton Gin Co. (Cotton Gins, etc.)  
 †Old Colony Foundry Co.  
**EAST BRIMFIELD**—\*Snell Mfg. Co. (Ship Augers, etc.) See Fiskdale  
**EASTON**—†Belcher Malleable Iron Co. (Malleable Iron & Steel Castings)  
**EAST PEPPERELL**—\*Blake H. & Son (Machinists)  
**EAST TEMPLETON**—Bay State Metal Wheel Co.  
**EVERETT**—\*Bent G. W. Co. (Iron & Brass Bedsteads)  
 \*Blount J. G. Co. (Machine Tools)  
 \*†National Metallic Bed Co.  
 \*New England Gas & Coke Co. (See Boston)  
 \*†New England Structural Co. (Bldrs' Iron & Steel Work)  
 \*Porter Henry K. (Bolt Clippers, etc.), 6 Ashland.  
 See adv index at end of book  
**FAIRHAVEN**—\*†Fairhaven Iron Foundry Co. (Iron Fdrs. & Steam Motors, etc.)  
**FALL RIVER**—\*Ashworth Bros.  
 \*Bates Geo. A. & Son (Machinists)  
 \*Coldwell Gildard Co. (Cotton Machinery)  
 \*†Cote Piano Mfg. Co.  
 \*Covel Machine Co. (Machinists)  
 \*†Fall River Fdry. & Machine Co. (Iron & Brass Castings & Cotton Machy.)  
 \*Fall River Steam & Gas Pipe Corp. (Machinists, etc.)  
 \*Fyans, Fraser & Blackway Co.  
 \*Kay H. E. (Est. of) (Lathes, Chucks)  
 \*†§Kilburn, Lincoln Machine Co. (Textile Machinery, Looms & Water Wheels, etc.)  
 \*†§Mechanics' Foundry & Machine Co. (Iron & Brass Fdrs. & Machinists)  
 \*Shea Bros. (Machinists)  
 \*Thurston A. G. & Son (Machinists)  
**FISKDALE**—\*Snell Mfg. Co. (Augurs, Bits, Countersinks, Nails, etc.)  
**FITCHBURG**—\*Bath Grinder Co. (Emery Grinding Machy.)  
 \*Blake Pump & Condenser Co. (Steam Pumps & Condensers)  
 \*Brown Bag Filling Machine Co. (Paper Bag & Envelope Machines, etc.)  
 \*Cowdrey C. H. Machine Works (Special Machinery)  
 \*Deane Herbert C Machine Co. (Special Machy., etc.)  
 †Fitchburg Foundry Co.  
 \*Fitchburg Machine Works (Machine Tools, etc.)  
 \*Fitchburg Steam Engine Co. (Engines, etc.)  
 \*†Goodnow L. H. Foundry Co. (Iron Fdrs., Heavy Fly Wheels, Engine or Machine Castings)  
 \*§Hardy Wm. A. & Sons Co. (Brass & Bronze Castings, Screen & Suction Plates, etc.)  
 \*†Johnson's Iver Arms & Cycle Works (Fire Arms, Bicycles, etc.)  
 †Perault Moses J. (Iron Castings, Fly Wheels, Pulleys, etc.)  
 \*†Putnam Machine Co. (Lathes, Planing Machines, etc.)  
 \*Simonds File Co. (Files, etc.)  
 \*SIMONDS MFG. CO. (Saws, Machine Knives, etc.)  
 See adv index at end of book  
 \*Tyrrell Harlan P.  
 \*†Union Foundry Co.  
 \*†Union Machine Co. (Paper & Pulp Mill Machinery & Iron Fdrs.)  
 Union Screen & Plate Co. (Brass Fdrs, Screen & Suction Plates, etc.)  
 \*Waymoth A. D. & Co. (Variety Wood-Turning Lathe)  
 \*Welch E. J. & Co. (Brass Fdrs.)  
 \*Wilder Chas. W. (Wood-Turning Lathes, etc.)  
**FLORENCE**—\*†§Florence Co. (Oil Stoves, etc.)  
 \*†Norwood Engineering Co. (Iron Fdrs. & Machinists, Fire Hydrants, Water Filters for Mills, etc.)  
**FRAMINGHAM**—\*†Ames Plow Co.  
 \*International Engineering Works (Steam Boilers & Machinists)  
 \*Manufacturing, Equipment & Engineering Co. (Steel Factory Equipment, etc.)  
 \*Mason Marcus & Co. (Coffee Machy., etc.)  
**FRANKLIN**—\*†§Golding Mfg. Co. (Printing Machinery)  
**GARDNER**—\*Baldwin E. F.  
 \*Bancroft & Barnard (Chair Making Machinery)  
 †Central Oil & Gas Stove Co. (Oil Stoves & Heaters)  
 \*†§Gardner General Foundry Co.  
 \*Gardner Machine Works (Chair Machy., etc.)  
 †Hoglund G. E., Foundry Co.  
 \*†McKnight L. G. & Son Co. (Chair & Woodworking Machinery)  
 \*Simplex Time Recorder Co. (Time Recorders)  
**GLOUCESTER**—\*Brown Bros. Co.  
 \*†Cape Ann Anchor Works  
 \*§Reed Geo. A. & Son (Iron & Brass Founders, etc.)  
 \*Stoddart Adam P. & Co. (Machinists)  
 \*Success Mfg. Co. (Refrigerators)  
**GRANITEVILLE**—\*†Sargent's C. G. Sons Corp. (Wool Mchy., etc.)  
**GREENFIELD**—\*AMERICAN TAP & DIE CO. (Taps, Dies, etc.)  
 See adv index at end of book  
 \*Bickford Machine Co. (Machinists' Tools, etc.)  
 \*Bicknell-Thomas Co. (Tap Chucks & Tapping Attachments Machinery)  
 \*Goodell Mfg. Co. (Machinists' Small Tools, etc.)  
 \*†Goodell-Pratt Co. (Drills, Hack Saws, etc.)  
 \*Greenfield Machine Co. (Grinders)  
 \*Greenfield Tap & Die Corp'n ("G. T. D." Taps, Dies, Gauges, Machinists' Fine Tools, etc.)  
 See adv index at end of book  
 \*†Noyes B. B. & Co. (Drills, Vises, etc.)  
 \*Russell Mfg. Co. (Stocks, Taps, Dies, etc.)  
 \*Wells F. E. & Son Co. (Pipe Tools, Taps, Dies, Machine Tools, etc.)  
 \*§Wing Chauncy (Pattern Works, etc.)  
**HARVARD**—\*Hildreth Bros. (Kindling Wood Machy., etc.)  
**HATFIELD**—\*Porter Machine Works (Lathes, etc.)  
**HAVERHILL**—\*Briggs Belmar Edge Tool Co.  
 \*Busfield Machine Co. (Machinists)  
 \*Hamel Shoe Machinery Co. (See Lynn)  
 \*Hammond Machine Co. (Wood Heel Machinery)  
 \*Haverhill Fire Appliance Co.  
 Monfils & Murphy Machine Co.  
**HAYDENVILLE**—\*†§Haydenville Co. (Brass & Iron Goods, for Water, Steam & Gas)  
 Progressive Iron Fdry. & Mach. Co.  
**HOLLISTON**—\*Wilder Sidney & Co. (Pumps, etc.)  
**HOLBROOK**—\*C. A. C. Axe Co. (Edge Tools, etc.)  
**HOLYOKE**—\*§Barlow Co. (Brass Castings & Metal Works)  
 §Church C. F. Mfg. Co. (Plumbers' Supplies)  
 \*Coburn Trolley Track Mfg. Co.  
 \*Ford Auger Bit Co.  
 \*Higgins & Co. (Composition, Brass, Aluminum, Aluminum Bronze, Phosphor Bronze, Castings, etc.)  
 \*Holyoke Bar Co. (Machine Knives, etc.)  
 \*†Holyoke Machine Co. (Paper & Pulp Mill, Cotton Mill, Power Transmitting & Wood Barking Machinery)  
 \*†Jolly J. & W. (Paper & Pulp Mill Machinery, etc.)  
 \*Judson & Williams (Screen Plates, etc.)  
 \*Koegel Chas. & Sons (Wire Spooling Machines, etc.)  
 §Paper City Brass Foundry  
 \*†Perkins B. F. & Son (Paper & Pulp Mill Machy.)  
 \*†Worthington Pump & Machinery Corp. (Deane Works)  
**HOPEDALE**—\*†§Draper Corp. (Textile Machinery, Looms, etc.)  
 \*ROPER C. F. & CO. (Pumps, Motor Boat Propellers, etc.)  
 See adv index at end of book  
 \*Westcott A. A. & Sons (Spindles, etc.)  
**HUDSON**—\*Lapointe Machine Tool Co. (Keysat Broaching Machines, Toolmakers, etc.)  
 \*Tower Bros. (Machinists)  
 \*Universal Boring Machine Co. (Boring Machines)  
 \*Woodward Machine Co. (Woodworking Machinery)  
**HYDE PARK**—\*†§American Tool & Machine Co. (See Boston)  
 \*†Becker Milling Machine Co. (Machine Tools, etc.)  
 \*Robinson John T. Co. (Book Binder, Card Cutter & Paper Box Machy.)  
 \*†§STURTEVANT B. F. CO. ("Sutrevant" Blowers, Engines, Generating Sets, etc.), 15 Damon  
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**INDIAN ORCHARD**—\*†§Chapman Valve Mfg. Co. (Valves, Hydrants, Water Works Supplies, etc.)  
 \*Hough Cash Recorder Co.  
 \*Metallic Drawing Roll Co. (Textile Machinery, etc.)  
**LAWRENCE**—†Davis Foundry Co. (Iron Fdrs.)  
 \*Dillon Machine Co. (Paper Mill Machinery)  
 \*Dove Machine Co. (Special Machinery)  
 \*Eagle Knife & Bar Co.  
 \*Emerson Mfg. Co. (Paper & Pulp Mill Machy.)  
 §Fallon T. F. & Co.  
 §Gallison F. L.  
 \*†Hamblet Machine Co. (Paper Mill Machinery)  
 †Hart Foundry Co. (Grey Iron Castings)



\*†Horne J. H. & Sons Co. (Paper Mill Machinery, etc.)  
 \*Keeble Alex. K. (Machinists & Brass Finishers)  
 \*Lawrence Machine Co. (Pumps, etc.)  
 \*Lawrence Pump & Engine Co. (Pumps, etc.)  
 \*McCabe E. & Co. (Machinists)  
 †Merrimac Foundry & Machine Co. (Trucks)  
 \*Mills Machine Co. (Paper & Pulp Machinery)  
 \*Smith Samuel Machine Co.  
 \*Smith W. & Sons  
 \*Speed & Stephenson (Textile Machinery)  
 \*Sprague L. Co. (Bobbins, etc.)  
 \*Watts Regulator Co. (Machinists & Brass Finishers)  
 LEE—\*†Clark H. C. & Son Machine Co. (Paper Mill Machinery, etc.)  
 LEEDS—\*Cahill P. J.  
 LEOMINSTER—\*Cook F. H. & Co. (Comb & Hairpin Machy.)  
 Grimes & Harris (Button Machy.)  
 \*Smith A. A. (Machinist)  
 LEXINGTON—\*†Jefferson Union Co. (Brass Fdres., Flange Couplings, Pipe Unions, etc.)  
 LOWELL—\*American Mason Safety Tread Co.  
 \*Auto Tire Vulcanizing Co.  
 \*Bagshaw, W. H. (Estate of) (Textile Machy., etc.)  
 \*Barker H. R. Mfg. Co. (Machinists)  
 \*Bennett Bros. Co. (Windmills, Gasoline Engines, etc.)  
 \*Cady Geo. L. & Sons (Machine Tools, Book Trimming Machines, etc.)  
 \*Carey W. W. Co. (Woodworking Machy.)  
 †City Iron Foundry  
 \*Dennis John Machine Co. (Textile Machy.)  
 \*Dodge Chas. S. (Textile Machy, Pickers, etc.)  
 †Doherty Bros. (Iron Fdres.)  
 \*Entwistle T. C. Co. (Textile Machy.)  
 \*Gee Chas. E. (Woodworking Machy.)  
 \*Knapp Arthur P.  
 \*Knowles Scale Works (Scales & Weighing Machines)  
 \*Lahue M. M. & Co.  
 \*Lamson Co. (See Boston, Mass.)  
 \*Lovejoy Daniel & Son (Machine Knives, etc.)  
 \*Lowell Shuttle Co.  
 \*Middlesex Machine Co. (Machinists)  
 †Pevey Foundry Co. (Iron & Brass Fdres., etc.)  
 †Robinson James P.  
 \*†Saco-Lowell Shops (Textile Machinery). Office: Boston  
 \*Turner J. S. Mfg. Co. (Worsted Roll Covering Machines)  
 †Union Brass Fdry. Co. (Brass & Composition Castings)  
 \*U. S. Bobbin & Shuttle Co.  
 \*U. S. Cartridge Co.  
 \*Upton & Gilman Machine Co.  
 \*Wrigley Wm. & Co.  
 LYNN—\*Boston Machine Works Co.  
 \*Boston Machine Works Co.  
 \*Cannon T. J. & Sons Machine Co. (Special Machinery & Tools)  
 \*Ciley W. W. & Co. (Shoe Stitchers)  
 †Dempsey John F. & Co.  
 \*Dwyer Machine Co.  
 \*Essex Engine Co.  
 \*Essex Machine Co. (Machinists)  
 \*Gallagher Mfg. Co. (Ratchets, Drills, etc.)  
 \*†GENERAL ELECTRIC CO. (Thomson-Houston Plant). (See Schenectady, N. Y.)  
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 \*Hamel Shoe Machinery Co. (Shoe Machinery)  
 \*Hemingway Machine Co. (Leather Machinery)  
 \*Holmes E. M. (Machinist)  
 \*Quarby & Hilliker (Shoe Machy, etc.)  
 †Smith Iron Foundry (Inc.) (All Kinds of Light and Heavy Castings)  
 \*Stephenson Chas. H. (Bath Room Fixtures)  
 \*Stewart Bros. (Shoe Machy.)  
 \*Thomson Electric Welding Co. (Elec. Welding Machines), 161 Pleasant  
 \*Young W. J. Machinery Co. (Shoe Machinery), 418 Union  
 MANSFIELD—\*Bay State Tap & Die Co. (Taps, Dies, etc.)  
 \*Card S. W. Mfg. Co. (Dies, Taps, Reamers, etc.)

\*†Chilson Furnace Co. (Stoves & Ranges)  
 †Mansfield Furnace & Coal Co.  
 †Shields Foundry Co. (Iron Fdres.)  
 MARLBORO—†Beaudry T. J. & Son (Rubber Cutting Dies, etc.)  
 \*†Parsons Machinery Co. (Special Machinery, etc.)  
 MEDFORD—\*Scott & Sons Co. (Chucks, etc.)  
 \*Weinman Co. (Special Machinery)  
 MERRIMAC—\*†Jonah & George (Brass Specialties)  
 \*Merrimac Plating Works  
 \*Murphy G. W. J. Co.  
 METHUEN—\*†Sanborn Furnace Co. (Hot Air Furnaces, etc.)  
 MIDDLEBORO—\*Perkins Lloyd.  
 MILFORD—\*Damon J. F. (Machinist)  
 †Milford Iron Foundry (Iron Fdres.)  
 MILLBURY—\*Buck Bros. (Edge Tools, etc.)  
 \*Buck Chas. Edge Tool Co. (Edge Tools, etc.)  
 \*†Millbury Steel Foundry Co. (Steel Castings, etc.)  
 MILLERS FALLS—\*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.)  
 NATICK—\*Black Diamond Saw & Machine Works (Saw Sharpening Machinery)  
 \*Brewer A. G. (Machinist)  
 NEW BEDFORD—†Acushnet Iron Co.  
 \*Babbitt Steam Specialty Co.  
 \*Baker Machine Co. (Machinists)  
 †Foster Robt. W.  
 †Morse Twist Drill & Machine Co. (Twist Drills, etc.)  
 †New Bedford Boiler & Machine Co. (Valves & Machinists, etc.)  
 \*†New Bedford Foundry & Machine Co.  
 \*†New Bedford Shuttle Co.  
 \*Rankin & Arnold  
 \*Tripp Frank S.  
 NEWBURYPORT—\*†Russell Albert & Sons Co. (Iron Fdres. & Machinists)  
 †Victor Mfg. Co. (Furnace Doors)  
 NEWTON—\*Empire Laundry Machinery Co. (Laundry Machy.). (See Boston, Mass.)  
 NEWTON CENTER—\*Evans Friction Cone Co. (Pulleys, etc.)  
 \*Gooch Arthur M.  
 NEWTON UPPER FALLS—\*Gamewill Fire Alarm Telegraph Co.  
 \*†Saco-Lowell Shops (Textile Machinery). Office: 77 Franklin, Boston  
 NORFOLK DOWNS—\*Boston Gear Works (Gears, Bearings, etc., for own product only)  
 †Norfolk Iron Co. (Ornamental Iron Works, etc.)  
 \*Pneumatic Scale Corp., Ltd. (Automatic Weighing Machinists)  
 \*†Reliance Metal Co. (Brass & Composition) (Quincy)  
 NORTH ADAMS—\*Arnold Print Works  
 \*†Hunter Jas. Machine Co. (Power Transmitting & Textile Machy.)  
 NORTHAMPTON—\*Herrick Chas E. (Machinist)  
 \*Siro Carburetor Mfg. Co.  
 \*Starr Package Machinery Co.  
 NORTH ANDOVER—\*†Davis & Furber Machine Co. (Textile Machy.)  
 NORTH DIGHTON—†North Dighton Co-operative Stove Co. (Stoves)  
 NORWOOD—†American Brake Shoe & Foundry Co.  
 \*†Plimpton J. E. & Co.  
 ORANGE—\*†Chase Turbine Mfg. Co. (Machinists, Millwrights & Fdres.)  
 \*†Hunt Rodney Machine Co. (Textile Machinery, Pumps, etc.)  
 \*Leavitt Machine Co. (Valve Re-Seating Machinery)  
 \*†New Home Sewing Machine Co. (Sewing Machines)  
 \*Union Tool Co. (Lathe Dogs, Tool Holders, Key Seating Tools, etc.)  
 OSTERVILLE—\*Leonard J. M.  
 PALMER—†Taylor W. B. & Co.  
 PEABODY—\*Boyle John & Co. (Machinists)  
 \*Little G. H.  
 \*Newell & Knowlton (Inc.) (Grease Extractors, etc.)  
 \*†Peabody Leather Co. (Leather Machinery, etc.)  
 \*†Turner Tanning Machinery Co. (Hide & Leather Working Machinery)  
 PITTSFIELD—\*†Chapel A. M. Machine Co.

\*†GENERAL ELECTRIC CO. (See Schenectady, N. Y.)  
*See adv index at end of book*  
 \*†Jones E. D. & Sons Co. (Paper Mill & Power Transmitting Machy.)  
 Pittsfield Spark Coil Co. (Coils, Dynamos, etc.)  
 PLYMOUTH—\*Mixer J. W. Saw Tool Co. (Gummers, Swages, etc.)  
 \*†Plymouth Foundry Co. (Gas & Oil Stoves, etc.)  
 QUINCY—\*Badger L. K. & Co.  
 \*Boston Gear Works (Gears, Bearings, etc., for own product only), Norfolk Downs  
 \*Emery V. J. (Gasoline Engines)  
 \*†Fore River Shipbuilding Corp. (Iron & Steel Ships & Marine Engines, etc.)  
 \*†Hall Wm. Co.  
 \*Kemp John F. & Co.  
 \*†Wollaston Foundry Co. (See Boston, Mass.)  
 READVILLE—\*†Stafford Co. (Textile Weaving Machinery, etc.)  
 ROCHDALE—\*Hankey A. & Co. (Knives, etc.)  
 ROCKLAND—\*Arnold H. H. Co.  
 SAGAMORE—\*Keith Car & Mfg. Co. (Car Mfrs.)  
 SALEM—\*Atwood & Merrill (Steam Specialties), 48 Loring av  
 \*Brown-Talbot Machinery Co.  
 \*Dane Machine Co. (Tanners' Machinery)  
 \*Dinsmore Mfg. Co. (Textile Machy), 244 Canal  
 †Eagle Iron Foundry (Inc.)  
 \*Goodell Zina (Machinist)  
 \*†Locke Regulator Co. (Steam Specialties)  
 \*Merrow Machine Co.  
 \*Patten Paul B. Co. (Machinists), 29 N Derby  
 †Salem Brass Foundry  
 \*Salem Elevator Works (Elevators, etc.), 244 Canal  
 \*Spencer Regulator Co. (Steam Specialties, etc.)  
 \*Stanley Co. (Gasoline Engines), 48 Loring av  
 †Waters Andrew S.  
 SALISBURY—\*Weare Samuel W.  
 SHELBURNE FALLS—\*Goodell Tool Co. (Small Tools, etc.)  
 \*Mayhew H. H. Co. (Small Tools, etc.)  
 SOMERSET—†Somerset Stove Foundry Co. (Stoves)  
 SOMERVILLE—\*Berry Charles E.  
 \*Birch Bros. (Textile Machy.)  
 \*Forg Peter Mfg. Co. (Machinist & Machinery)  
 \*Hanson Machine Co.  
 \*Roberts Mfg. Co. (Bolt & Wire Clippers, etc.)  
*See adv index at end of book*  
 †Somerville Iron Foundry Co. (Iron Fdres., etc.)  
 SOUTH BOSTON—\*Up-To-Date Tool Co., 60 K  
 SOUTH EASTON—\*White F. H. & Co.  
 SOUTH SUDBURY—\*†Hurlbut-Rogers Machinery Co. (Machine Tools, etc.)  
 SPENCER—\*Goddard John E. (Machinist)  
 SPRINGFIELD—\*Armstrong Walter (Special Machinery)  
 \*Barney & Berry (Skates, etc.)  
 \*†Baush Machine Tool Co. (Machine Tools)  
 \*Bay State Elevator Co. (Elevators)  
 \*†Bemis Car Truck Co. (Electric Car Trucks, etc.)  
 \*Bemis & Call Hardware & Tool Co. (Tools, etc.)  
 \*Blair Mfg. Co. (Lawn Mowers)  
 \*Bullock Mfg. Associates (Watchmakers' Tools, etc.)  
 †Chamberlain J. H. D.

When writing to firms whose names appear in this book please mention

**HENDRICKS' COMMERCIAL REGISTER.**



§Cooper C. F. Brass Co.  
\*†Davitt Iron Foundry  
\*Eldredge Elec. Mfg. Co. (Elec. Specialties)  
†Elwell H. F. Iron Works  
§Emory P. P. Mfg. Co. (Brass Finishers & Founders, etc.)  
†Fleming Foundry Co.  
**\*GILBERT & BARKER MFG. CO.**  
(Gas Machines)  
*See adv index at end of book*  
§Hampden Brass Co. (Brass & Composition Castings)  
\*†Hampden Corundum Wheel Co. (Emery & Corundum Wheels, Machinery, etc.)  
\*Hannan-Finton Co. (Machinists)  
\*§Harley Co. (Aluminum, Brass & Bronze Castings)  
\*Hendee Mfg. Co. (Motor Cycles)  
\*Hopkinson Machine Works (Envelope Machines)  
\*International Machine & Screw Co. (Screw Machines)  
\*Knox Motors Co. ("Knox" Tractors)  
\*Marcell & Smith (Jack Screws, etc.)  
\*Massachusetts Saw Works (Saws, etc.)  
\*National Equipment Co. (Confectioners' Machy.)  
\*†New England Roller Grate Co. (Grate Bars & Castings of all Descriptions)  
\*N. E. Westinghouse Co. (Fire Arms)  
\*Package Machinery Co. (Wrapping Machines)  
\*Quality Saw & Tool Works (Saws, etc.)  
\*§Rider-Bagg Co. (Brass Fdrs. & Machinists)  
\*Russell John W. & Sons Co. (Button Machines & Special Machinery)  
\*S. & I. Co. (Automatic Machinery, etc.)  
\*Smith C. H. & Co. (Dandy Rolls)  
\*Smith & Wesson (Revolvers, etc.)  
†Springfield Foundry Co. (Builders' Iron Work, etc.)  
\*Springfield Iron Works (Machine & Drop Forgings, Elevators, Machine Work of all Kinds)  
\*Springfield Machine Co. (Machinists)  
\*Stacy E. S. Machine Co. (Machine Work of all Kinds)  
\*§Stebbins E. Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods)  
\*†Swaine John Iron Works Co.  
Try-Me Mfg. Co.  
†Van Norman Machine Tool Co. (Machine Tools)  
\*†Wason Mfg. Co. (R. R. Cars, etc.)  
\*Witherbee Igniter Co.  
STONEHAM—\*Patchett Tom  
TAUNTON—\*Cell Drier Machine Co.  
\*Dary Ring Traveler Co. (Ring Travelers, etc.)  
\*†Dighton Foundry Co. (Stoves, etc.)  
\*Etna Co. (Twist Drills, etc.)  
†Leonard & Baker Stove Co.  
\*Lincoln-Williams Twist Drill Co. (Drills, etc.)  
\*†§Mason Machine Works (Textile Machinery)  
\*New Process Twist Drill Co. (Twist Drills)  
§Reed & Barton Corp'n (Drills, etc.)  
\*§Stoddard Union Co. (Plumbers' Supplies)  
\*Strange Chas. E. (Box Makers', Stave & Heading Machy., etc.)  
\*Strange E. W. & Co. (Machinists)  
\*§Taunton-New Bedford Copper Co.  
†Thomas Oscar G. Co. (Stoves & Iron Fdry.)  
§Trefethen D. A. (Brass Founder & Finisher)  
\*†Weir Stove Co. (Stoves)  
†White-Warner Co. (Stoves, etc.)  
TURNERS FALLS—§Blassberg M.  
†Montague Machine Co.  
WAKEFIELD—\*Purrington Elwin I.  
\*†§Smith & Anthony Co. (Stoves, etc.)  
*(See Boston, Mass.)*  
WALPOLE—\*†Fales L. F. (Paper Slitting Machines, Sewing Machines, etc.)  
WALTHAM—\*American Watch Tool Co. (Watchmakers' Machines & Tools)  
\*Ames B. C. Co. (Watch & Clock Machinery, etc.)  
§Boston Brass Co. (Plumbers' Brass Work, Finishers & Platers)  
\*Clement W. D. (Watchmakers' Tools)  
\*§Crescent Park Brass Foundry

\*†§Davis & Farnum Mfg. Co. (Cast Iron Pipe, etc.)  
\*Derbyshire F. W. (Watchmakers' Tools)  
Nichols W. H. (High Grade Machinery & Machine Parts)  
**\*STARK TOOL CO.** (Clock & Watchmakers' Tools, Precision Lathes, etc.) *See adv index at end of book*  
\*Superior Corundum Wheel Co. (Grinding & Polishing Machinery, etc.)  
\*Waltham Emery Wheel Co.  
†§Waltham Foundry Co. (Iron & Brass Castings, etc.)  
\*Waltham Machine Works (Watch & Clock Machy.)  
Waltham Micrometer Dial Gauge Co. (Watchmakers' Tools), 248 Ash  
\*Waltham Watch Co. (Watches, etc.)  
WARREN—\*§Monarch Valve & Mfg. Co. (Valves, Waterworks Supplies, etc.)  
\*†§Perkins Machine Co. (Drop Hammers, Power Presses, Punching & Shearing Machy., etc.)  
\*†Warren Steam Pump Co. (Steam Pumps, etc.)  
WATERTOWN—\*†Walker & Pratt Mfg. Co. (Stoves, Furnaces, Radiators, Cooking Apparatus, etc.) Office: Boston, Mass.  
WEBSTER—\*†§Prescott J. B. & Son.  
WEST BOYLSTON—\*Ovenden W. C.  
WESTFIELD—\*Foster Machine Co. (Machinists & Textile Machy.)  
\*Hinsman Machine & Tool Co. (Special Machinery, Models, Gauges, Jigs, Fixtures, etc.)  
\*Palmer Henry A. (Machinist)  
\*†Smith H. B. Co. (Steam Heating Apparatus, Boilers, Radiators, etc.)  
WEST MANSFIELD—\*Richardson & Bottomley (Shuttle Irons, etc.)  
WEST NEWTON—\*American Electric Tool Co. (Electric Portable Tools)  
WEST WARHAM—\*†§Tremont Nail Co.  
WHITINSVILLE—\*†§Whitin Machine Works (Textile Machy.)  
\*Whitinsville Spinning Ring Co.  
WHITMAN—\*Pearson Walter (Machinist)  
WILLIAMSBURG—\*Thayer Mfg. Co. (Small Tools, etc.)  
WINCHENDON—\*†§Alaska Freezer Co. (Ice Cream Freezers, etc.)  
\*Goodspeed Machine Co. (Woodworking Machinery)  
†Hill & Bosley (Iron Founders)  
\*New England Lock & Hinge Co.  
\*†Whitney Baxter D. & Son (Woodworking Machy.)  
WINCHESTER—\*Hutchinson Leather Machine Co.  
\*Whitney Machine Co. (Tanners' Machinery)  
WOBURN—\*Hjorth Lathe & Tool Co. (Tools, Dies, etc.) Office, 27 School, Boston, Mass.  
\*†§Smith-Wallace Corp. (Electric R. R. Supplies)  
†Woburn Iron Foundry, Inc. (Grey Iron Castings & Grate Bars)  
\*†§Woburn Machine Co. (Machinists & Millwrights)  
WOLLASTON—\*Emery V. J. (Gasoline Machine Engines)  
\*§Hall Wm. Co. (Special Machinery)  
\*†Wollaston Foundry Co. (Machy., Piano Plate & Light Castings)  
WORCESTER—\*Adams John J. (Dies, Shoe Machy., etc.)  
†American Model & Instrument Co. (Code Signal Systems)  
**\*†§AMERICAN STEEL & WIRE CO.**  
*See adv index at end of book*  
\*†Ames Plow Co. *(See Boston)*  
†Arcade Malleable Iron Co. (Malleable Iron Castings)  
\*Bradley Osgood Car Co. (Railway Cars, Castings, Wheels, etc.)  
\*Brierly-Lombard Co. (Woolen Machy.)  
\*Brownell G. L. (Spring Twisting & Spinning Machy., etc.)  
\*Burlingame A. Co. (Steam Engines, etc.)  
Burlingame S. F. (Gas Engines, etc.)  
\*§Cahill Mfg. Co. (Brass Fdrs. & Finishers)  
\*Coates Clipper Mfg. Co. (Sheep Clippers, Flexible Shafts, etc.)  
**\*COES, LORING & CO. (INC.)** (Machine Knives, etc.) Coes sq  
*See adv index at end of book*  
**\*COES WRENCH CO.** (Wrenches, etc.) Coes sq.  
*See adv index at end of book*

\*†Colvin J. B. (Iron Foundry)  
\*Commercial Machine Co.  
\*Coppus Engineering & Equipment Co.  
\*†Crompton & Knowles Loom Works (Textile Machy.)  
\*†Curtis & Marble Machine Co. (Textile)  
\*Dawson Machine Co.  
\*Dines Wm. L. Jr. Co. (Special Machy.)  
\*Eagan Thomas F. Hardware Co.  
\*Eastern Bridge & Structural Co. (For own repair), 88 Cushing  
*See adv index at end of book*  
\*Economic Machy Co. (Label Mach.)  
\*Elliott & Hall (Cloth Folders)  
\*Fairbanks Geo. L. & Son  
\*Forbes & Myers, 169 Union  
*See adv index at end of book*  
\*Gessner David (Textile Machinery)  
\*Hardy L. Co. (Machine Knives, etc.)  
\*Harrington & Richardson Arms Co. (Fire Arms, etc.)  
\*Harwood & Quincy Machine Co. (Woolen Machines)  
\*Heald Machine Co. (Machine Tools & Grinding Machy.)  
\*Hobbs Mfg. Co. (Paper Box Machy., contracting, etc.)  
\*†§Holyoke Machine Co. *(See Holyoke, Mass.)*  
\*Houghton Mfg. Co. (Textile Machy.)  
\*Hubbard Machine Co. (Textile Machinery Parts)  
\*Jacques John & Son (Shears & Card Cutting Machinery)  
\*Jencks E. Mfg. Co. (Wire Goods)  
\*Johnson & Bassett (Wool Spinning)  
\*Kidder R. E. Co. (Woodworking & Special Machines, etc.)  
\*Leland-Gifford Co. (Crankshafts, Machine Tools, etc.)  
\*Lowell Wrench Co. (Ratchet Die Stocks, Drills, etc.)  
*See adv index at end of book*  
\*Luther B. G. Co. (Woodworking Machinery, etc.)  
\*McMahon & Co. (Friction Clutches, Pulleys, etc.)  
Mafreto Machine & Tool Co. (Machinists' Tools, etc.)  
\*Massachusetts Machine Shop (Inc.) (Dies, Tools, etc.)  
*See adv index at end of book*  
\*Matthews Mfg. Co. (Stove Trim-mings, etc.), 104 Gold  
*See adv index at end of book*  
\*†Morgan Construction Co. (Wire & Rolling Mill Machy., etc.)  
\*Morgan Spring Co. ("Eclipse" Agl. & Machy. Springs, etc.)  
\*Norton Grinding Co. (Grinding Wheels, Grinding & Polishing Machinery, etc.)  
†Pero Foundry Co.  
\*Persons-Arter Machine Co. (Surface Grinders & Magnetic Chucks)  
\*†Pond L. W. Machine & Foundry Co. (Grey Iron Castings, etc.)  
\*Reed Francis Co. (Upright Drills, etc.)  
\*§Reed-Prentice Co. (Machine Tools, Machine Screw Products, Grey Iron Castings, etc.)  
\*§Reed & Prince Mfg. Co.  
\*†§Rice, Barton & Fales Machine Iron Co. (Paper & Pulp Mill Machinery)  
\*†Richardson Mfg. Co. (Mowing Machines, etc.)  
\*Robbins Machine Co. (Lathes, etc.)  
\*Rockwood Sprinkler Co.  
\*Roy B. S. & Son Co. (Textile Machy., etc.)  
\*Savels O. M. & Co. (Dies, etc.)  
\*Sawyer Thos. J.  
Sheppard J. E. Co. (Envelopes, Machinery, etc.)  
\*Sleeper & Hartley (Automatic Wire Spring Machinery)  
\*Snyder J. E. & Son (Machine Tools)  
†Standard Foundry Co. (Machy. Castings, etc.)  
\*Standard Plunger Elevator Co. (Elevator Builders, etc.)  
†Steele W. M. (Switches & Switchboards)  
\*Stockbridge Machine Co. (Shaping Machines, etc.)  
Summit Machine Works (Lathes)  
§Taylor Walter B.  
\*§Union Water Meter Co. (Water Meters, Regulators, etc.)  
\*Walker Grinder Co. (Machine Tool Grinders)



\*Walker O. S. Co. (Machine Tool Grinders, etc.)  
 \*Watson J. H.  
 §Wells Chemical Bronze Wks. (Brass, Copper, Tin, Zinc, Comp. & Bronze Castings)  
 \*Westlund C. G. Co. (Friction Clutches, Grinding Machines, etc.) 498 Millbury  
 \*†Whitcomb-Blaisdell Machine Tool Co. (Machine Tools, etc.)  
 \*Windle J. E. (Textile Machinery)  
 Winslow Samuel Skate Mfg. Co.  
 \*Woodward & Powell Planer Co. (Machine Tools, etc.)  
 §Worcester Brass Co.  
 \*Worcester Electric & Mfg. Co. (Electric Switches, etc.)  
 \*Worcester Lawn Mower Co. (Lawn Mowers, etc.)  
 \*Worcester Loom Works  
 †Worcester Pattern & Model Co.  
 \*†Worcester Pressed Steel Co. (Stove Trimmings, Auto & Bicycle Parts, Ferrules, etc.)  
 \*Worcester Stamped Metal Co. (Dies, Discs, etc.) 9 Hunt  
 †Wyman-Gordon Co.  
 WRENTHAM—\*Winter Bros. Co. (Taps & Dies, etc.)

## MICHIGAN

ADRIAN—†Adrian Steel Casting Co. (Grey Iron & Crucible Steel Castings)  
 \*Bond Steel Post Co. (Steel Posts, etc.)  
 \*Church Bros. (Pumps, Gas Engines, etc.)  
 \*Page Woven Wire Fence Co. (Machine Shop for the Company's Own Use)  
 ALBION—†Albion Malleable Iron Co. (Agricultural Implements & Carriage Castings)  
 \*†Gale Mfg. Co.  
 \*Richards J. A. (Printing Machy.)  
 ALLEGAN—Blood Bros. Machine Co. (Auto Specialties)  
 ALMA—†Alma Standard Foundry Mfg. Co.  
 \*†Montigel J. M. (Agricultural Implements, etc.)  
 ALMONT—\*†Almont Mfg. Co.  
 ALPENA—\*†Besser Mfg. Co.  
 \*§Hanson Andrew  
 \*†Kline Lewis T. (Excelsior Machines, Baling Presses, Automatic Lathes, etc.)  
 †Northern Foundry Co.  
 ANN ARBOR—\*†Ann Arbor Machine Co. (Agrl. Impls., Hay Presses, etc.)  
 \*Economy Baler Co. (Baling Presses, etc.)  
 \*Hoover Steel Ball Co. (Steel Balls)  
 BATTLE CREEK—\*A. B. Stove Co. (Casters, Gasoline Stoves, etc.)  
 \*Advance Pump & Compressor Co. (Steam Pumps), 60-128 Flint  
 \*†American Steam Pump Co. (Steam Pumps, etc.)  
 \*†Brennan John & Co. (Boilers, etc.)  
 \*†Duplex Printing Press Co.  
 §Franklin Brass Co. (Castings)  
 \*Globe Mfg. Co. (Nebulizers, Elec. Air Pumps, Comp. Air Vibrators, etc.)  
 \*Hart R. A. (Printers Machy.)  
 \*Johnson Automatic Sealer Co., Ltd. (Sealing Machinery)  
 \*Kopf Engineering Co. (Coffee & Cereal Machy.)  
 \*†Nichols & Shepard Co. (Agrl. Impls.)  
 \*Ritchie G. & Sons  
 \*†Rumely M. Co.  
 \*§Sherman H. B. Mfg. Co. (Brass Founders & Finishers)  
 \*†Union Steam Pump Co. (Steam Pumps, etc.)  
 \*†United States Register Co., Ltd. (Hot Air Register)  
 BAY CITY—\*†Bay City Iron Co.  
 \*Columbia Mills. (See New York)  
 \*†Garland M. Co. (Saw Mill Machy., Steam Engines, Iron Fdrs., etc.)  
 \*†Industrial Works, (Cranes, Hoisting Engines, etc.) 11th & Wash.)  
 \*†SMACKINNON BOILER & MACHINE CO. (Machinery & Brass & Iron Castings, etc.), 218 N Water. See adv index at end of book  
 \*Meister R. & Son (Machinery)  
 \*National Cycle & Mfg. Co. (Bicycles)  
 \*Pierce-Budd Co. (Gasoline Engines)  
 \*Smalley-General Co. (Gasoline Eng.)  
 \*Zagelmeyer Cast Stone Block Machy. Co.

BELDING—\*Belding-Hall Co. (Refrigs.)  
 BENTON HARBOR—\*Baker-Vawter Co. (Adding Machines)  
 \*†Baute Henry  
 †Benton Harbor Malleable Fdry Co. (Malleable Iron Castings & Journal Boxes)  
 \*†Covel Mfg. Co. (Saw Sharpening & File Room Machinery)  
 \*Crary Machine Works  
 \*Lutes-Sinclair Co. (Laundry Machy.)  
 \*Morrill & Morley Mfg. Co. (Spray Pumps)  
 \*Rosback F. P. Co. (Printers' & Bookbinders' Machinery, etc.)  
 \*Saranac Machine Co. (Book Binders & Wire Stapling Machinery)  
 BLAINE—\*†Fair Geo. & Son (Plows)  
 BLISSFIELD—\*Blissfield Motor Works (Motors, Drills, Tilting Vises, etc.)  
 †Davenport Harry C.  
 BOYNE CITY—\*†Conrad I. N. Iron Works  
 BROWN CITY—\*†Brown City Mfg. Co.  
 BUCHANAN—\*†Buchanan Electric Steel Co. (See Chicago, Ill.)  
 \*†Lee & Porter Mfg. Co. (Carriage Axles, etc.)  
 BURR OAK—\*†Sheffield Mfg. Co. (Agricultural Implements)  
 CADILLAC—\*†Cadillac Machine Co.  
 CARO—\*Johnston-Slocum Co.  
 \*†Riddle Frank D. (Machinist & Foundry)  
 CHARLEVOIX—†Washburn O. S. & Son  
 CHARLOTTE—\*†Beach Mfg. Co. (Road Making Machinery)  
 \*§Hancock Mfg. Co. (Anything to Order in Brass)  
 CHEBOYGAN—\*†Blake H. A. & Son (Brass & Iron Foundry)  
 CHELSEA—Lewis Spring & Axle Co. (Axles, Springs, etc.)  
 COLDWATER—\*§Champion Brass Works (Brass & Aluminum Castings, etc.)  
 \*Loring Sanford (Machinist)  
 Regal Gasoline Engine Co.  
 †Titus Thurlow (Iron Foundry)  
 COMSTOCK—\*Davis W. T. & Co.  
 \*†Peer Mfg. Co. (Steam Engines & Power Transmitting Machinery)  
 CONSTANTINE—\*Harvey W. W. & Son (Laundry Machinery)  
 DETROIT—†Acme Foundry Co. (Iron Founders, Gray Iron Castings), Isabella & M. C. R. R.  
 \*§A. D. Mfg. Co. (Plumbers Supplies),  
 \*†Allyne Brass Foundry Co. (Brass Fdrs., Finishers, etc.), 207 Crawford  
 \*§Aluminum Castings Co., 1576 Jos. Campan av  
 \*†American Blower Co. (Engines, Blowers, Fans, etc.), 1400 Russell  
 \*§American Brass & Iron Co. (Brass Bronze & Aluminum Castings), Crystal & Trombly av  
 \*American Bridge Co. (See Pittsburgh, Pa.)  
 \*†American Car & Foundry Co., 443 Ferry. (See St. Louis, Mo.)  
 \*American Electrical Heater Co. (Elec. Heating Appliances)  
 \*§American Injector Co. (Injectors, Lubricators, etc.), 173 14th av  
 \*§American Lubricator Co. (Lubricators & Brass Founders & Finishers, etc.), Summit & Wabash Ry.  
 †American Radiator Co., 124 Jefferson  
 †Art Stove Co. (Stoves, etc.), Russell & Milwaukee av  
 †Atlas Foundry Co., 234 Military av  
 \*Austin Separator Co. (Steam & Oil Separators, etc.), 97 W Woodbridge  
 \*Baird Machine & Mfg. Co. (Pharmaceutical Machinery, etc.), 54 Jefferson av  
 \*Bolles J. E., Iron & Wire Works, 4th av and Porter  
 \*Bosserdet Yacht & Engine Co., Park View & Jefferson av  
 \*Bower Roller Bearing Co. (Roller Bearings), Hart av nr Mack  
 \*§Briscoe Mfg. Co. (Machinists), Woodward & Baltimore avs  
 \*§Bryant & Berry Co. (Brass Founders, etc.), 32 Atwater W  
 †Buhl Malleable Co. (Grey & Malleable Iron Castings, etc.)  
 \*Burroughs Adding Machine Co. (Adding Machines)  
 \*†Byram & Co. (Foundry Machinery, Cars, Cranes, Tumbling Barrels, etc.) 435 Guoin  
 \*§Caille Bros. Co. (Coin Operating Machines)

\*†Campbell Manson Co., Ltd. Leavitt & Campbell (also Kansas City, Mo.)  
 \*Capitol Brass Works (Valves, Brass Founders & Finishers, etc.), Chene & Franklin  
 \*CHICAGO PNEUMATIC TOOL CO. (Boyer Branch, Pneumatic Tools), 1301 2nd av.  
 See adv index at end of book  
 \*Christe-Kline Forge Co. (Punches, Dies & Tools, etc.)  
 \*§Clayton & Lambert Mfg. Co. (Plumbers' & Tinnerns' Tools), 201 Piquette av  
 \*Colton Arthur Co. (Pharmaceutical & Special Light Machinery), Jefferson & Chene  
 §Columbia Castings Co., Ferdinand & Wabash Ry.  
 \*Columbia Engine Co., 1275 Jefferson av  
 \*†Commercial Foundry Co., 97 Mel-drum  
 \*†§Conway-McLeod Foundry Co., 675 Atwater E  
 †Co-operative Foundry Co., Junction av  
 †§Cope Pattern Works, 30  
 \*Currie Machine Co. (Special Machinery, Models, etc.), 45 Fort  
 †De Croupet Iron Works, 345 Monroe av  
 \*†Detiaff A. J. Co. (Grey & Malleable Iron Castings, Machinists, etc.)  
 \*Detroit Automatic Scale Co. (Computing Scales)  
 \*§Detroit Brass Works (Cocks, Valves, etc.), Brooklyn & Belt Line  
 \*Detroit Edge Tool Works (Mfrs.), Mount Elliott  
 \*Detroit Engine Works  
 \*†Detroit Foundry Co.  
 \*§Detroit Foundry & Mfg. Co. (Brass Founders, stoves, etc.), 15 Macomb  
 \*Detroit Gear & Machine Co. (Cut Gears, etc.)  
 \*Detroit Grinding Wheel Co. (Grinding Machinery, etc.)  
 \*Detroit Heating & Lighting Co. (Steam Heating Apparatus, Gas Machines, etc.)  
 \*Detroit Heating & Refrigerating Co. (Refrigerating Machines, etc.)  
 \*Detroit Hoist & Machine Co.  
 See adv index at end of book  
 \*§Detroit Lubricator Co. (Lubricators & Steam Separators)  
 \*Detroit Motor Car Supply Co. (Oil Engines, etc.), Kercheval & Connors ck  
 \*§Detroit Motor Casting Co. (Auto Brass Goods and Power Boats), 299 Beaufault av  
 †Detroit Register Co. (Hot Air Registers & Hardware Specialties)  
 \*Detroit River Iron Works (Marine Work, etc.)  
 \*§Detroit Sanitary Supply Co., 1191 2d  
 \*†Detroit Shipbuilding Co. (Iron & Steel Ships, Marine Engines & Iron & Brass Founders & Finishers)  
 †Detroit Steel Casting Co. (Steel Castings)  
 \*†Detroit Stoker Co. (Mechanical Stokers, Grey Iron Castings, etc.), N Grand Boul & Riopelle  
 \*†Detroit Stove Works (Stoves, Ranges, etc.), 1320 Jefferson av  
 \*Detroit Tool Co.  
 \*Detroit Twist Drill Co. (Twist Drills, Chucks, Reamers, etc.), 646 W Fort  
 †Detroit Vapor Stove Co.  
 \*§Diamond Mfg. Co. (Plumbers Supplies)  
 \*†§Dodge J. Bros., Campau av  
 \*Ellis Engine Co. (Gasoline Engines), 2843 E Grand boul  
 \*†Enterprise Foundry Co. (Light Grey Iron Castings), 1157 Warren av E  
 \*§Essex G. B., Brass Co. (Lubricators & Brass Founders & Finishers)  
 †Fairview Foundry Co., foot of Vannila  
 \*Fruchey Mfg. Co. (Tools, Dies, etc.), 429 Baggs  
 \*Fuller Co. (Engines & Electric Ventilating Apparatus, etc.)  
 \*Gear Grinding Machine Co. (Gears, etc.)  
 \*Gemmer Mfg. Co. (Auto Steering Gears, etc.)  
 §General Aluminum & Brass Casting Co. (Aluminum & Brass Castings)



\*Gies Gear Co. (Transmission Gears),  
Boydell bldg  
\*Golden-Belknap & Swartz Co., 1248  
Grand River av W  
\*§Graebert & Sons (Brass Founders &  
Finishers), 12 Sherman  
†§Grant Bros. Foundry Co., 697 Beau-  
fait av  
\*Gray Motor Co. (Gasoline Marine  
Motors), Oakland & McLean  
\*†Great Lakes Engineering Works  
(See Ecosse, Mich.)  
\*†Griffin Wheel Co. (See Chicago, Ill.)  
\*Hackett Bros., 220 Lillibridge av  
\*Hale Motor & Machine Co., 654  
Franklin  
\*Hanson Tool & Die Co. (Tools, Dies,  
etc.)  
\*†§Harvey's A. Sons Mfg. Co., Lim.  
(Steam Heating Apparatus, etc.),  
1st & Woodbridge av  
\*Henderson Motorcycle Co. (Motor-  
cycles), 1158 Cass av  
\*§Hensley Trolley & Mfg. Co., 363  
Holden av  
\*Hermann Eng. Co. (Marine Motors),  
654 Franklin  
\*Huettelman & Cramer Co. (Brewers'  
& Refrigerating Mach., etc), Mack  
& Beaufait  
\*†Ideal Furnace Co. (Furnaces, Reg-  
isters, Heating Specialties, etc.),  
88 Jefferson av  
\*†§Ideal Mfg. Co. (Gas Heaters),  
Franklin & Dubois  
\*Ireland & Matthews Mfg. Co.  
(Stoves), 51 Iron  
\*Jefferson Iron Works Co. (Machin-  
ists)  
\*†Jenks & Muir Mfg. Co. (Brass &  
Iron Bedsteads), 1441 Hastings  
\*Johnston Frederick G., 74 State  
†Kahl Fred., 382 E. Gd. Blvd.  
\*Kennedy & Greig, 209 2d av  
\*Kermath Mfg. Co. (Gasoline En-  
gines), 46 Fort E  
\*Kraetke Bros. Mach. Co. (Machine  
Tools), 399 Macomb  
Ladd John W. Co. (Creamery Ma-  
chinery & Supplies)  
\*Lauer Jno. Machine Co. (Crank-  
shafts & Special Machy.)  
\*Laugtry Machine & Tool Co., 700  
Commonwealth av  
\*Lauhoff Bros. (Flour Mill & Tobacco  
Machy.), 35 Chene  
\*§Lavigne Mfg. Co. (Lubricators,  
Valves, Oilers, etc)  
\*Liebig Wm. & Co. (Brush Machin-  
ery), 96 Leland  
\*Lloyd Construction Co. (Gas Works  
Machinery), 860 Greenwood  
\*§McCord Mfg. Co.  
\*McDonough Automatic Regulator Co.,  
716 Grand River av  
\*§McRAE & ROBERTS CO. (Brass  
Fdrs. & Steam & Plumbing Brass  
Goods, etc.), 227 Campbell av  
*See adv index at end of book*  
\*Mead & Co. (Pulverizing Machy.,  
etc.), 19th & Newark  
\*Michigan Copper & Brass Co.  
(Brass Goods etc)  
\*Michigan Engine Valve Co, 115 Co-  
lumbia W  
†Michigan Grey Iron Castings Co.,  
Harbaugh & C  
\*§Michigan Lubricator Co. (Lubri-  
cators, etc)  
†Michigan Malleable Iron Co. (Malle-  
able Iron Castings, etc) Delray  
\*†Michigan Sprocket Chain Co. (Con-  
veyors, Sprocket Wheels), Delray  
†Michigan Steel Casting Co., 248  
Guion av  
\*†Michigan Stove Co. (Stoves &  
Ranges, "Garland")  
Middleditch Benjamin (Screw Cutters,  
etc)  
\*Midland Machine Co. (Foundry Mold-  
ing Machines)  
†Monarch Foundry Co., Greenwood &  
G. T.  
†Monarch Steel Castings Co. (Steel  
Castings, Car Couplers, etc)  
\*Morehead Mfg. Co. (Steam Traps &  
Plumbers' Specialties)  
\*Morton Motor Co. (Gasoline En-  
gines), 46 Lafayette av E  
†Motor Foundry Co., 710 Hart av  
\*Mueller Chas. R. & Sons, 75 Shelby  
\*Murchev Machine & Tool Co. (Pipe  
Cutting, Threading Machines,  
etc), 85 Porter  
\*†§Murphy Iron Works (Smokeless  
Furnaces)

\*Murray Specialty Mfg. Co. (Regu-  
lators & Governors), 97 Woodbridge  
\*§National Fulton Brass Mfg. Co.  
(Brass & Bronze Castings, Bear-  
ings, etc.), 28 Brush  
\*National Iron Works  
\*National Twist Drill & Tool Co., Rust  
\*NORTHERN ENGINEERING WKS.  
(Foundry Equipment, Cranes,  
Hoists, etc.), 9 Chene  
*See adv index at end of book*  
\*Northway Motor & Mfg. Co. (Gas &  
Gasoline Engines, Axles, etc)  
\*Oelman Curt (Dough Mixing Ma-  
chinery, etc), 224 St. Antoine  
Osborn F. C. (Special Mch.), 64 Law-  
rence av  
\*Palmer-Bee Co. (Engineers & Ma-  
chinists for Power Transmission,  
etc), Cameron & E. Gd. Blvd  
\*Pelton & Crane Co. (Elec. Special-  
ties)  
\*§Penberthy Injector Co. (Engineer-  
ing & Steam Specialties, etc.),  
346 Holden av  
\*Peninsular Brass Works, York bet.  
Cass & 2d  
\*Peninsular Emery Wheel Co. (Emery  
Wheels & Emery Wheel Machy.),  
\*†Peninsular Stove Co. (Coal & Gas  
Stoves, Ranges & Furnaces)  
\*Puritan Machine Co. (Slot Ma-  
chines), Lafayette & 10th  
\*†Railway Steel Spring Co., Michigan  
& Hubbard. (See New York City)  
\*Reinhold Mfg. Co.  
\*§Roberts Brass Mfg. Co. (Plumbers'  
Brass Goods, etc.)  
\*Rogers Chas. E. (Milk Condensing  
Machinery, etc), 32 Goldsmith  
\*Rogge Machine Co., 519 Hillger  
\*Ross & Young Machine Co. (Dies &  
Tools, etc), Jefferson & McDougall  
avs  
\*†Russel Wheel & Foundry Co.  
(Cranes, Cars, Wheels, Car Trucks,  
Castings, Special Machinery, Auto  
Parts, etc.), Chene & B. L. R. R.  
†Schwartz Foundry Co., Fort W &  
Vermont  
\*Schweppe & Wilt Mfg. Co. (Gears,  
etc.)  
\*Scripps Motor Co. (Gasoline Marine  
Motors), 629 Lincoln av  
\*Sherwood Brass Works (Brass Fin-  
ishers, etc)  
\*Smith H. Collier (Rotary Shears,  
etc.)  
\*§Smith Jos. N. & Co. (Brass Finish-  
ers & Platers, Automobile & Bi-  
cycle Works, etc)  
†Smith-Matthews Foundry Co.,  
650 Bellevue av  
\*Smith Peter Heater Co. (Car Heat-  
ers, etc)  
\*§Standard Brass Works (Brass Fdrs.,  
etc.), 97 Wight  
\*Standard Computing Scale Co. (Com-  
puting Scales), Fort & Hastings  
\*Stecker Elec. & Machine Co.  
\*†§Stephens Roe Mfg. Co. (Brass Fdrs.,  
Finishers & Steam Brass Goods,  
etc.)  
\*Sterling Motor Co., 1147 W Grand  
Boul  
\*§Sterling & Skinner Mfg. Co. (Brass  
Fdrs. & Finishers & Steam Brass  
Goods), 2672 E. Grand Boul.  
\*Stoddard Jakel Machine & Tool Co.,  
Kerr bldg.  
\*Strelinger Marine Engine Co. (Ma-  
rine Engines), 25 St. Aubin  
\*†Stuart Foundry Co.  
\*†§Studebaker Corp.  
\*Superior Machine & Engng. Co.  
†Swedish Crucible Steel Co. (Crucible  
Steel Castings), Butler & Grand  
Trunk RR.  
\*Tessmer Machine & Tool Co., 285  
Rivard  
\*§Thiery & Kendrick Mfg. Co. (Alu-  
minum, Brass & Bronze Castings,  
etc.), 660 Franklin  
\*§Trio Mfg. Co. (Brass Auto Parts,  
etc), Bellevue & Warren av  
Tufting Machine Supply Co. (Leather  
Measuring Machines)  
\*†United States Radiator Corp.  
(Steam & Hot Water Heaters,  
Radiators, etc), B'way & Gd River  
\*Walter Machine Co., 186 Bellevue av  
\*Walz Christopher, 296 Division  
\*Waterman Motor Co., 235 Mount  
Elliott  
\*Watson Nelson M. (Machinery Spe-  
cialties), Dailey bldg.

\*†Whitehead & Kales Iron Works  
(Iron Fdrs. & Steel Structural  
Work), Beecher av  
\*Winkley Co. (Oil & Grease Cups, Oil  
Hole Covers, etc)  
\*Wright Mfg. Co. (Steam Traps &  
Steam Specialties), 97 Wood-  
bridge W  
DOWAGIAC—\*†Beckwith P. D., Estate  
of (Stoves, Heaters, etc.)  
\*†Dowagiac Drill Co. (Agrl. Impls.,  
Seeding Machinery, etc.)  
EAST JORDAN—\*†§Malpass Bros.  
ECORSE—\*†Ecorse Foundry & Machine  
Co. (Castings)  
\*†§Great Lakes Engineering Works  
ESCANABA—\*†§Chatfield Brass & Iron  
Wks. Co.  
FENTON—\*†Walker Mfg. Co. (Pumping  
Engines & Castings, etc.)  
FERRYSBURG—\*†Johnston Bros. (Boilers  
& Castings, etc.)  
FLINT—\*Cook Car Journal Cooler Co.  
†Flint Pattern & Foundry Co.  
\*†Genesee Iron Works (Iron Fdrs.)  
\*†McCorkell & Hurd  
†Michigan Motor Castings Co.  
\*Walker-Weiss Axle Co. (Automobile  
Parts, Axles, etc.)  
FRANKFORT—\*†§Markham F. E.  
GLADSTONE—\*Marble Arms & Mfg. Co.  
GRAND HAVEN—\*†American Brass Nov-  
elty Co.  
\*†Challenge Machinery Co. (Printing  
Presses, etc.)  
\*†§Dake Engine Co. (Pneumatic  
Cranes, Hoists & Motors, Stearing  
Gears, etc.)  
\*§Grand Haven Brass Foundry  
GRAND LEDGE—\*†Streeter Hiram R.  
GRAND RAPIDS—\*†§American Seating  
Co. (See Chicago, Ill.)  
\*Attwood Brass Works (Auto Mount-  
ings & Special Brass Work)  
\*Austin & Son (Saw Mill Machy., etc.)  
\*Baldwin, Tuthill & Bolton (Saw Mill  
Machy., etc.)  
\*†Butterworth & Lowe  
\*Clipper Belt Lacer Co. (Belt Lacing  
Machines), 1042 Front av  
*See adv index at end of book*  
†§Connor Foundry Co.  
\*Dodds Alex. Co. (Woodworking Ma-  
chinery, etc.)  
\*Edge Frank & Co. (Saws & Saw  
Machy.)  
\*Elliott Machine Co. (Button Fasten-  
ing Machines)  
\*†Fox Machine Co. (Wood & Metal  
Working Machinery, etc.)  
\*Fox Typewriter Co. (Typewriters)  
\*Globe Vise & Truck Co. (Vises, etc.)  
\*§Grand Rapids Brass Co. (Brass  
Fdrs. & Finishers)  
†Grand Rapids Foundry Co. (Iron  
Fdrs.)  
\*†§Grand Rapids Gas Engine & Yacht  
Co. (Gas Engines & Yachts)  
†Grand Rapids Malleable Works  
\*§Grand Rapids Refrigerator Co.  
\*Grand Rapids Textile Machinery Co.  
(Textile Machinery)  
†Haney School Furniture Co.  
§Harring F. J. & Co. (Brass Castings,  
etc.)  
\*†Hartman H. J. Foundry Co.  
†Ideal Foundry Co.  
\*Imperial Machy. Co. (Woodworking  
Mchy.)  
\*§Keeler Brass Co. (Brass Fdrs. &  
Finishers, etc.)  
\*Knappe Jno. Machine Co. (Machinists)  
\*†§Leitelt Adolph Iron Works (Iron  
Fdry. & Builders' Iron Work, etc.)  
\*Michigan Wheel Co. (Propeller  
Blades, Marine Gears, etc.)  
\*Monarch Machine Mfg. Co. (Saw Mill  
Machy.)  
\*Munson Co. (Edge Tools, etc.)  
§National Brass Co.  
\*Oliver Machinery Co. (Woodworking  
& Pattern Shop Machinery)  
\*†§Peck E. W. & L. K. Co.  
\*†§Perkins & Co. (Shingle Mill Ma-  
chinery, Gas Engines, etc.)  
\*Porter C. O. Machinery Co. (Wood-  
working Machinery, etc.)  
§Powell Brass Mfg Co  
\*Rapid Heater Co. (Hot Water Heat-  
ers, etc.)  
†Rathbone Mfg. Co. (Fireplace Fur-  
nishings & Castings)  
†§Rempis & Gallmeyer Foundry Co.  
(Iron & Brass Fdrs. & Concrete  
Machy.)



§Standard Brass Foundry Co.  
 \*Tannewitz Works (Special Machinery, etc.)  
 \*Valley City Machine Works (Woodworking & Grinding & Polishing Machinery)  
 \*West Michigan Machine & Tool Co. Ltd.  
 \*West Side Iron Works (Woodworking Machy.)  
 \*Wilmarth & Morman Co. (Drill & Tool Grinders, etc.)  
 \*§Wolverine Brass Works (Brass Fdrs. & Finishers)  
 GREENVILLE—\*†Gordon Hollow Blast Grate Co. (Grate Bars & Woodworking Machinery)  
 \*†Greenville Implement Co. (Plows & Implements)  
 \*†Moore Plow & Implement Co. (Agrl. Impls., Plows, etc.)  
 \*†§Tower R. J. Iron Works (Mfrs. Machinery)  
 \*†§Wright C. T. Engine Co.  
 HANCOCK—\*†§Portage Lake Foundry & Machine Co. (Mining Machinery, Castings, Chilled Car Wheels, etc.)  
 §Ward & Williams  
 HARBOR SPRINGS—\*Shay E. & Son (Machinists, etc.)  
 HASTINGS—\*Consolidated Press Co. (Power Presses)  
 HILLSDALE—\*†Alamo Mfg. Co. (Gas & Gasoline Engines, etc.)  
 HOLLAND—\*†Buss Machine Works (Machinists)  
 \*Holland Launch & Engine Co.  
 \*§Huntley Machinery Co.  
 \*Western Machine Tool Works (Machine Tools)  
 HOLLY—\*†§McGonegal Frank E.  
 HOUGHTON—\*†§Carroll Foundry Co.  
 HUDSON—\*Abbott W. H.  
 \*Abbott & Co. (Carriage Bldrs.' Machinery)  
 \*Hardie Mfg. Co. (Painting & Spraying Machines)  
 \*†Hazen Mfg. Co. (Pumps, etc.)  
 IONIA—\*†§Arnold's G. W. Son  
 \*†Stafford E. H. Mfg. Co.  
 JACKSON—\*Aspinwall Mfg. Co. (Potato Machinery, Planters, Diggers, etc.)  
 \*Butcher & Gage  
 \*Cement Machy. Co. (Concrete Bldg. Block Machinery & Devices)  
 \*Clark E. C. Motor Co. (Motors, etc.)  
 †Cobb Wm.  
 \*Field-Brundage Co. (Gasoline Engines & Motors)  
 \*Fox Machine Co. (Drilling Machines)  
 \*Frost Gear & Forge Co. (Gears, Pinions, etc.)  
 \*Hall-Holmes Mfg. Co. (Concrete Mixers)  
 \*Hutchison Frank (Flour Mill Machy.)  
 \*§Jackson Brass Foundry Co.  
 \*Knickerbocker Co. (Flour Mill & Cement Machy.)  
 \*Lockwood Ash Motor Co. (Gasoline Engines)  
 †Lusk Bros. Foundry Co.  
 †Lusk Foundry Co. (Grey Iron Castings)  
 \*Miles Mfg. Co. (Concrete Building Block Machines)  
 \*Mott Wheel Works (Auto Wheels & Axles)  
 \*§Novelty Mfg. Co. (Stoves, Hot Air Registers)  
 \*Sanford James A.  
 \*Sparks-Withington Co. (Ball Bearings)  
 \*Walcott Lathe Co. (Machine Tools, Lathes, etc.)  
 KALKASKA—\*Johnson, E. F.  
 KALAMAZOO—\*Armstrong & Veley  
 \*Atlas Press Co., 323 N Park  
 \*Burt Mfg. Co. (Gasoline Engines)  
 \*†Clark Engine & Boiler Co. (Steam Engines, etc.)  
 \*D'Arcy Spring Co.  
 \*†Dutton C. H. Co. (Steam Engines, etc.)  
 \*Foss Engine Works  
 \*General Gas Light Co. (Gas Lighting Appliances)  
 §Gerline Brass Foundry Co.  
 \*†§Goodale Co.  
 \*Harrow Spring Co. (See Milwaukee, Wis.)  
 \*§Henderson-Ames Co. (Regalias, etc.)  
 \*†Hill Wm. E. Co. (loco. driver boxes)

\*Humphrey Co. (Instantaneous Water Heaters, etc.)  
 Ideal Gas Light Co. (Gas & Electric Fixtures, etc.)  
 \*†Kalamazoo Fdry. & Machine Co.  
 \*Kalamazoo Machine & Tool Co.  
 \*†Kalamazoo Railway Supply Co. (Hand & Motor Cars & Railway Supplies, etc.)  
 \*Kalamazoo Spring & Axle Co. (Carriage Springs & Axles, etc.)  
 \*†Kalamazoo Stove Co. (Stoves, etc.)  
 \*†Kalamazoo Tank & Silo Co. (Mach. & Grey Iron Fdrs., etc.)  
 \*Linihan M E (Fanning Mills)  
 §New Era Mfg. Co.  
 \*Phelps & Bigelow Windmill Co. (Windmills, Pumps, etc.)  
 \*†Reed Fdry. & Mach. Co. (Agrl. Implements & Crucible Steel Castings)  
 †Riverside Foundry & Galvanizing (Iron Fdrs.)  
 \*Smith & Pomeroy Windmill Co. (Wind Mills, Feed Mills, etc.)  
 \*§Star Brass Works (Brass Castings, Trolley Wheels, etc.)  
 LANSING—\*Acme Engine Co. (Gasoline & Gas Engines, etc.)  
 \*Bates & Edmonds Motor Co.  
 †Bement Stove Repair Co. (Stoves, Ranges, etc.)  
 \*Brownwall Engine & Pulley Co. (Gasoline Engines, etc.)  
 †Capitol Castings Co.  
 \*Emergency Forge Co.  
 \*Eureka Machine Co.  
 §Gerson & Carey Co.  
 †Gifford Engine Co. (Gas Engines)  
 \*Ideal Power Lawn Mower Co. (Mfrs.)  
 \*Jarvis Engine & Machine Works (Engineers & Machinists)  
 \*†Lansing Co. (Car Wheels, Mining Cars, etc.)  
 \*†Lansing Foundry Co.  
 \*Lansing Motor & Pump Co. (Gasoline Motors, etc.)  
 †§Michigan Brass & Iron Works (Brass & Iron Founders)  
 \*New Way Motor Co. (Gas & Gasoline Engines)  
 \*†§Novo Engine Co. (Gasoline Engines & Castings)  
 \*†§Olds Motor Works (Motors & Gas Engines)  
 \*Original Gas Engine Co. (Gas Engines)  
 \*Prudden W. K. & Co., Inc. (Automobile Wheels, etc.)  
 \*Reliance Engineering Co. (Cream Separators, etc.)  
 \*†§Seager Engine Works (Gasoline Engines)  
 †Standard Castings Co.  
 LAPEER—†Bostick Stove Co. (Stoves & Castings)  
 \*†§McDonald Wm. Sons. (Steam Engines)  
 LAURIUM—§Lake Superior Brass Fdy. Co. (Brass Founders)  
 LOWELL—\*Lowell Specialty Co. (Spraying Machines)  
 LUDINGTON—Gile Tractor & Engine Co. (Gasoline Engines, etc.)  
 \*†§Industrial Iron Works  
 MANISTEE—\*†Johnson August N.  
 \*†§Manistee Iron Works Co. (Saw Mill Machinery, Steam Engines, Iron Foundry, etc.)  
 MARQUETTE—\*†§Lake Shore Engine Works (Marine & Stationary Engines, Iron Fdrs., etc.)  
 \*Longyear E. J. Co. (Diamond Drills)  
 MARSHALL—\*†Lambert Machine Co. (Food Machinery, etc.)  
 MASON—†Fingerle Jno. C. (Iron Fdry.)  
 MAYVILLE—\*†Johnson Wm. J.  
 MENOMINEE—\*Dudley Tool Co. (Tools, Wrenches & Bicycle Specialties)  
 \*§Henes & Keller Co. (Air Pumps, Brass Fdrs., etc.)  
 \*Lloyd Mfg. Co. (Automatic Machy., etc.)  
 \*†§Menominee Electric Mfg. Co.  
 \*†§Prescott Co. (Saw Mill Machy., Pumps, etc.)  
 MILAN—†Ideal Furnace Co.  
 MONROE—\*†§Monroe Fdry. & Furnace Co., (Castings, etc.)  
 \*Monroe Specialty Co.  
 †Monroe Steel Castings Co. (Crucible Steel Castings)  
 \*†Wilder-Strong Implement Co. (Agrl. Implements, etc.)

MOUNT CLEMENS—†Donaldson Bros. (Agrl. Implements, Plows, Cultivators, Harrows, etc.)  
 \*Phillips & McCreedy  
 MOUNT MORRIS—\*†§Hughes Jno.  
 MOUNT PLEASANT—\*†§Gorham Bros. Co.  
 MUSKEGON—†Campbell, Wyant & Cannon Foundry Co.  
 \*†Central Foundry Co.  
 †Clover Chas. S. (Iron Fdry.)  
 \*Continental Motor Mfg. Co. (Marine Motors, etc.)  
 †Eagle Iron Works  
 \*§Enterprise Brass Works (Frank Holt, Prop.) (Brass Castings & Launch & Engine Trimmings)  
 \*†Lakeside Foundry  
 \*Linderman Machine Co. (Woodworking Machy.)  
 §Muskegon Aluminum Foundry Co. (Aluminum, Brass & Bronze Castings)  
 \*Muskegon Motor Specialties Co. (Engine Parts)  
 \*†§Racine-Truscott Shell Lake Boat Co. (Launches, Engines, etc.)  
 \*Shaw Electric Crane Co. (Main Office, New York City)  
 \*†Simonson J. T. & Co.  
 \*†Standard Malleable Iron Co. (Malleable Iron Castings)  
 \*U. S. Gas Machine Co. (Pressure Blowers & Gas Machines)  
 †West Michigan Steel Foundry Co. (Steel Castings)  
 MUSKEGON HEIGHTS—\*Linderman Machine Co. (Woodworking Machy.)  
 \*†Morton Mfg. Co. (Machine Tools)  
 NASHVILLE—\*Taylor John E.  
 NILES—\*†Garden City Fan Co. (Iron Founders & Blowers, Fans, etc.)  
 \*National-Standard Co. (Blowers, Feed Mills, Pumps, etc.)  
 \*†Niles Steel Tank Co.  
 \*†§Welling A. H.  
 NORTH DETROIT—Russell Motor Axle Co. (Automobile Axles)  
 NORTHVILLE—\*†§American Bell & Foundry Co. (Bells, etc.)  
 \*Simpson Mercantile Equipment Co. (Wagon Platform & Truck Scales)  
 OWOSSO—\*American Malleable Co. (castings)  
 †Independent Stove Co. (Stoves)  
 PETOSKEY—†Blackmer Rotary Pump Co. (Rotary Pumps, etc.)  
 \*†§Burnett Foundry & Machine Wks. (Ltd.) (Marine Gasoline Engines, etc.)  
 PLYMOUTH—\*†Bennett Mfg. Co. (Air Rifles)  
 \*†Daisy Mfg. Co. (Air Rifles)  
 \*†§Hamilton C. J. & Son (Rifles, Guns, etc.)  
 \*§Markham Air Rifle Co.  
 PONTIAC—\*†Bacon Mfg. Co. (Bean Sorting Machy.)  
 \*Hess Pontiac Spring & Axle Co. (Spring Axles, etc.)  
 PORT HURON—\*American Machinery Co. (Flour Mill Machy.)  
 \*Anker-Holth Mfg. Co. (Cream Separators)  
 \*†§Draper Mfg. Co. (Valve Facing Tools, etc.)  
 \*§Lee Wm. O. Co.  
 \*Port Huron Construction Co. (Auto Motors)  
 \*†§Port Huron Engine & Thresher Co. (Agricultural Implements, Traction Engines, etc.)  
 †Romeo Foundry Co. (threshing machines)  
 †Rudge Jno. Foundry Co.  
 \*§South Park Mfg. Co. (Steam Specialties & Pneumatic Air Tubes)  
 PORTLAND—\*Jenkins W. S. & Sons  
 RICHMOND—\*†Parker Plow Co. (Agrl. Implements)  
 ROCHESTER—\*†Jackson & Co.  
 ROMULUS—\*†Seestedt Henry W.  
 ST. JOHNS—\*Farmers' Cement Tile Machine Co. (Cement Tile Machines, etc.)  
 \*Mason F. C. & Co. (Agrl. Impls. & Parts)  
 ST. JOSEPH—\*Engberg Electric & Mechanical Works (Machinists, etc.)  
 \*†§St. Joseph Iron Works (Basket & Veneer Machinery, etc.)  
 \*Truscott Pierce Engine Co.  
 \*Upton Machine Co.  
 ST. MARYS—Quickwork Co. (Rotary Shears, etc.)



**SAGINAW**—\*Allington & Curtis Mfg. Co. (Blowers, Exhausters, Dust Collectors, etc.)  
 \*American Sandstone Brick Mch. Co.  
 \*†Bartlett A. F. & Co. (Mine, Salt & Saw Mill Machinery, Engines & Iron & Brass Castings, etc.)  
 \*Columbia Western Mills. (See New York)  
 \*Erd Motor Co. (Gas & Gasoline Engines, etc.)  
 †Fair S. & Son  
 \*Ferrell A. T. & Co. (Canning Machinery)  
 \*Heginbottom S. H. & Sons  
 \*Jackson, Church & Wilcox Co.  
 \*†Jackson & Church Co. (Mining Machinery, etc.)  
 \*Koehler Bros. (Forge & Machine Shop)  
 \*Lufkin Rule Co. (Rules, etc. for own use)  
 \*Mershon W. B. & Co. (Woodworking Machy., etc.)  
 \*†Mitts & Merrill (Founders & Machinists, etc.), 1939 S Water  
 \*National Engineering Co. (Gasoline Engines)  
 \*†Nelson Bros. Co. (Gasoline Engines)  
 \*†Saginaw Wheelbarrow Co.  
 \*Stork Motor Works Co.  
 \*Valley Boat Co. (Marine Engines)  
 \*†Valley Grey Iron Foundry Co. (Grey Iron Castings, etc.)  
 \*†**WERNER & PFLEIDERER CO.** (Bakers' Rubber, Macaroni, Kneading & Mixing Machines, etc)  
*See adv index at end of book*  
 \*†Wickes Bros. (Steam Engines, Saw Mill Machinery, etc.)  
*See adv index at end of book*  
 \*Willcox Eng. Co.  
 \*Wolverine Machine Works  
**SAULT SAINT MARIE**—\*†Hickler Bros. (Marine Work)  
**SEBEWAING**—\*†Kellogg W. H.  
**SOUTH HAVEN**—†Brayer Wm  
 \*Mapes E. B. & Co. (Peach Pitting Machines)  
**SPARTA**—†Sparta Foundry Co.  
**STURGIS**—\*†Freeland B. F. Sons Co. (Iron Tanks, Heaters, etc.)  
 \*§Miller Charles A. Co. (Plumbers' Brass Goods)  
 \*†Morency - Van Buren Mfg. Co. (Plumbers' Specialties)  
 \*Sturgis Machine Co.  
**TECUMSEH**—\*†Brewer H. & Co. (Brick Presses & Clay Working Machy., etc)  
 \*†Heesen Bros. Co. (Feed Cookers, Hog Ringers, etc.)  
**THREE RIVERS**—\*Armstrong Machine Works (Wire Spokes & Nipples, etc.)  
 \*†§Sheffield Car Co. (R.R. Specialties)  
 \*†Three Rivers Railway Supply Co. (R. R. Specialties, etc.)  
**TRAVERSE CITY**—\*Potato Implement Co. (Corn & Potato Planters, etc.)  
 \*†§Round Harry W. (Iron & Brass Foundry)  
 \*†§Traverse City Iron Works (Iron & Brass Fdrs. & Machinists)  
**VASSAR**—\*Hammant & Shoop  
**VICKSBURG**—\*†Vicksburg Governor Co.  
**WYANDOTTE**—\*†Detroit Valve & Fittings Co. (Malleable Iron Valves & Fittings)  
 \*†Michigan Alkali Co. (Foundry Dept.)  
**YALE**—\*Vale Machinery Co.  
**YPSILANTI**—\*†McCullough W. L. Co.  
 \*†§Michigan Press Co. (Presses & Shears, etc.)  
 \*Thompson O. E. & Sons (Agrl. Implements, etc.)  
 \*†Ypsilanti Hay Press Co. (Hay Presses, etc.)  
 \*†Ypsilanti Machine Works (Flour Mill Machinery, etc.)

**MINNESOTA.**

**ALBERT LEA**—\*Albert Lea Machinery Co. (Machine Tools, etc.)  
 \*§American Gas Machine Co. (Gas Machines, etc.)  
 \*Edwards C. D. (Stump Pullers & Ditching Machines)  
 \*†Veness J. W. (Machinist & Fdry.)  
**ALEXANDRIA**—\*†Austin Foundry Co.  
 \*Fredenberg M. D.  
**BLOOMING PRAIRIE**—\*Morton Thos. S. & Son

**BRAINERD**—\*†§Parker & Topping Co. (Iron Fdrs., Light & Heavy Castings, etc.)  
**CALEDONIA**—\*Caledonia Wagon & Iron Works  
**CANNON FALLS**—\*Anderson John J.  
 †HASKA—\*†§Ess Bros.  
**COLOGNE**—\*Kohls Wm. (Machinist)  
**CROOKSTON**—\*†Crookston Mfg. Co.  
**DASSEL**—\*Wreiser Bros.  
**DULUTH**—\*†**CLYDE IRON WORKS** (Hoisting Engines, Log Loaders, Grey Iron Castings, etc.)  
*See adv index at end of book*  
 \*Crane & Ordway Co.  
 \*§Duluth Brass Works Co. (Railroad Brasses)  
 \*Duluth Gas Engine Works  
 \*†Duluth Iron Works (Marine Engines, etc.)  
 †Duluth Iron & Metal Co.  
 \*Duluth Machinery Co.  
 \*Globe Iron Works  
 \*†§Imperial Iron Works (Power & Mining Machinery & Grey Iron Castings)  
 \*†McDougall-Duluth Co. (Steel Ship-builders)  
 †Marine Iron & Shipbuilding Works  
 \*†National Iron Co. (Hoisting Engines, Hoists, Grey Iron Castings, etc.)  
**FARIBAULT**—\*†Nutting Truck Co.  
 \*Schimmel-Reid Co. (Sanding Machines)  
 \*†§Winter F. W. & Co.  
**FERGUS FALLS**—\*†§Fergus Iron Works Co.  
**GLENCOE**—\*†Glencoe Fdry. & Machine Co.  
**HASTINGS**—\*Estergreen F. E.  
**HOPKINS**—\*†§Minneapolis Threshing Machine Co.  
**KASSON**—\*Johnson V. C.  
**LA CRESCENT**—\*†§Smith W. Grubber Co. (Stump Pullers, etc.)  
**LAKE CITY**—\*†§Gillett, Eaton & Squire (Engines, etc.)  
**MADISON**—\*Berg, Louis O.  
**MANKATO**—\*†§Mankato Mfg. Co. (Machinists & Founders)  
 \*†§Mayer Bros. Co. (Trip Hammers, Castings, etc.)  
**MINNEAPOLIS**—†American Brake Shoe & Foundry Co. (See New York City)  
 \*†American Bridge Co., 629 S. E. 2d. (See Pittsburgh, Pa.)  
 \*American Grain Separator Co. (Grain Cleaning Machy.), Erie & S. E. Essex  
 \*Andrews Heating Co. (Low Pressure Boilers & Steam Heating Specialties)  
 †Bryant J. W. Co., 2601 University av, S E  
 \*†Central Machine Works Co. (Woodworking Machinery & Grey Iron Castings), 1234 Central av  
 \*§Commutator Co. (Copper & Brass Fdrs., Finishers, Commutators, etc.), 121 N 1st  
 \*†§Crown Iron Works Co. (Builders' Iron Work), 1229 Tyler  
 \*†Diamond Iron Works (Grain Elevator, Saw Mill Mch., etc.), 2d & 18th av N  
 †Eagle Iron Works, 9th av S & 5th  
 \*Electric Machinery Co. (Dynamo Motors & Generators), 14th av & N. E. Tyler  
 \*†§Emerson-Brantingham Implement Co. (Traction Engines), 708 S. 3d. (See Rockford, Ill.)  
 \*Enterprise Machine Co. (Gasoline Tractors), 1118 S. 3d  
 \*†§Flour City Ornamental Iron Works (Brass, Iron & Bronze Fdrs., Finishers, Machinists, etc), 27th & 27th av  
 †Great Western Stove & Repair Co., 312 Hennepin av  
 †Hauser Bros. Foundry Co., 1859 E. 28th  
 \*Horton Mfg. Co. (Metal Patterns, Models, etc.), 3008 University av  
 \*†§Howell R. R. & Co. (Saw Mill Machinery, etc), 31st av  
 \*Hoyt Mfg. Co. (Laundry Machy.), 115 N. 9th.  
 \*Imperial Machinery Co. (Traction Engines), 1611 Central av  
 †Kausel John  
 †Keller Mfg. Co., 1328 N. E. Quincy  
 \*†Kinnard-Haines Co. (Engines, etc), 44th av N & Bryant

\*Lagerquist Gus (Elevators, etc.), 514 N Third  
 \*†Lenhart Wagon Co., 2600 University  
 Marvel Machinery Co. (Re-Boring Machines), 1301 3d S.  
 †Menzel & Jeffrey Co., 900 S 4th  
 \*Mereen-Johnson Machine Co. (Box Machinery), 44th av N. & River  
 \*†Minneapolis Bedding Co. (Brass & Iron Bedsteads), E. Henn av & S. E. 5th  
 \*§Minneapolis Brass & Iron Mfg. Co. (Brass Fdrs. & Finishers), 115 N 9th  
 †Minneapolis Crucible Steel Co., 38th av N. E. & 5th  
 \*Minneapolis Separator Co. (Grain Cleaning Machy.)  
 \*†§Minneapolis Steel & Machinery Co. (Corliss Engines, Heavy Castings, etc), 29th & Drexel  
 \*†Minneapolis Threshing Machine Co. (Agrl. Impt Mfrs.), 226 N 2d  
 \*†§Minnesota Moline Plow Co., 401 N. 3d  
 \*National Novelty Co., 519 3d S  
 †North Star Foundry Co., 32d av & 27th  
 \*Northern Fire Apparatus Co. (Fire Engines, etc), 2422 Univ. av S. E.  
 \*†Northwestern Safe Mfg. Co. (Safes, Bank Vaults, etc.)  
 \*§Nott Fire Engine Co. (Fire Engines, etc.)  
 \*†Owens J. L. Co. (Grain Cleaning Machinery, etc), Fulton & S. E. Huron  
 \*Parten-Blomstrom Mfg. Co., 249 6th av S  
 \*†Peteler Car Co. (car wheels)  
 \*Power Equipment Co., 212 3d av N.  
 \*Progressive Shoe Machinery Co. (Shoe Machinery), 3132 Snelling av  
 \*Pynch E. A. & Co., (Flour Mill Machinery), 311 3d av S.  
 \*Russell Grader Mfg. Co. (Road Machinery), 2005 Univ. av S. E.  
 †Salisbury & Saterlee Co. (Iron Bedsteads), 215 S E Main  
 \*Shadeegg J. C. Engine Co., 315 S 3d  
 \*†Standard Foundry & Machine Shop, 1036 3d av N. E.  
 \*Strong-Scott Mfg. Co. (Feed Mill Machinery, etc), 413 S. 3d  
 \*†Twentieth Century Brass Works Co. (Brass Founders & Launch & Yacht Trimmings, etc), 231 5th av, S  
 \*Twin City Machine Co., Power bldg, Nic Isl.  
 §Twin City Rapid Transit Co. (Aluminum Brass, Grey Iron & Steel Castings), 11th & Hennepin  
 \*Twin City Separator Co. (Grain Cleaning Machinery), 29th & Colfax av S  
 \*†Union Iron Works, cor. 2d av S. E.  
 \*Western Crucible Steel Casting Co., 2843 Grand  
 \*Willford Mfg. Co. (Flour Mill Machinery), 303 S 3d  
**NEW PRAGUE**—\*†§New Prague Foundry Co.  
**NEW ULM**—\*†§Leonhardt Chas. (Power Hammers, etc.)  
**NORTH BRANCH**—\*Splitstoser Mfg. Co. (Jobbing)  
**NORTHFIELD**—\*Northfield Furnace Co. (Furnaces)  
 \*†Northfield Iron Co. (Concrete Mixers, etc.)  
**ORTONVILLE**—\*†§Mullica W. F.  
**OWATONNA**—\*†§Owatonna Mfg. Co. (Grain Drills, Seed Sewers, etc.)  
 \*†§North Star Iron Works Co.  
 \*Virtue & Pound Co. (Gasoline Engines)  
 \*†Washington Tool Co. (Tools & Machinery)  
**PAYNESVILLE**—\*†Seavey C. W.  
**PLAINVIEW**—\*Edwards W. G.  
**RED WING**—\*Hjermstad J. M.  
 \*Red Wing Motor Co. (Gas & Gasoline Engines)  
**REDWOOD FALLS**—\*Japs Frank A.  
**ROBBINSDALE**—\*Pearson E. Martin (Mailing Machines)  
**ROCHESTER**—Marquardt & Ormond  
**ST. CLOUD**—\*†§Granite City Iron Works Co. (Stone Working Machy.)  
 \*†§St. Cloud Iron Works Co. (Granite Cutting & Polishing Machy.)



ST. LOUIS PARK—\*Martin M. R. (Grinding Mills)  
 \*†§Monitor Drill Co. (Grain Drills, etc.)  
 ST. PAUL—\*†§American Hoist & Derrick Co. (Contractors' & Quarrymen's Machy & Tools), 63 S Robert  
 \*Anderson Co. (Agricultural Impls.), 2324 University av  
 \*Auto Engine Works (Auto Engines)  
 \*Borreson Mfg. Co., University & Curfew av  
 \*Carpenter Wing Carrier Mfg. Co. (Agricultural Implements)  
 \*Dahlquist Machinery Co. (Elevator Bldrs., etc.), 468 Rosable  
 \*Erickson John E., Fillmore av & Walter  
 \*Fosston Mfg. Co. (Agricultural Implements)  
 \*†§Griffin Wheel Co. (See Chicago, Ill.)  
 \*Heck G. J.  
 \*Helwig Mfg. Co. ("Helwig" Pneumatic Tools, etc.)  
 \*†§Herzog Iron Works (Ornamental & Structural Steel Work, etc.)  
 \*Joesting & Schilling Co. (Steel Ranges, etc), 379 Sibley  
 \*Johnson C. I. Mfg. Co. (Printers' \*†§Johnson W. V. Foundry  
 \*Lee & Hoff Mfg. Co. (Elevators & Machine Work), 65 Water  
 \*†Northern Malleable Iron Co. (Malleable Iron Castings)  
 \*Northwestern Bedding & Mfg. Co., St. Anthony Park  
 \*§Northwestern Copper & Brass Wks., 59 W 3d  
 \*†§Orme's Henry Sons (Foundry, etc.)  
 \*St. Paul Brass Foundry Co., 2d & Minnesota  
 \*†ST. PAUL FOUNDRY CO. (Steel Structures & Buildings, also Builders' & Railroad Castings, etc.), Como av & Mackubin.  
*See adv index at end of book*  
 \*St. Paul Machine Works (Machinists), 123 W 3d  
 \*St. Paul Machinery Mfg. Co. (Wood-working Machy., etc.)  
 \*†South Park Foundry & Machine Co. (Radiators, etc.)  
 \*§Stickney Chas. A. Co. (Gasoline Engines, etc.), Fillmore & Starkey  
 \*†§Twin City Iron & Wire Works (Brass & Iron Fdrs., Elevator Enclosures, Fire Escapes, etc), 25 W Water  
 \*§Union Brass & Metal Mfg. Co. (Plumbers' Brass Goods), Lawson & Mackubin  
 \*†Valley Iron Works (Iron Fdrs., etc.)  
 \*Waterous Engine Works Co. (Auto Fire Engines), 62 Robert  
 \*§Western Machine Mfg. Co.  
 \*§Wolterstorff Range Co. (Steel Ranges, Furnaces, etc.), 66 E 3d  
 ST. PETER—†Bornemann Adolph (Grey Iron Castings)  
 SHAKOPEE —†Minnesota Stove Co. (Stoves)  
 SOUTH PARK—\*†§South Park Foundry & Machine Co. (See St. Paul)  
 SPRING VALLEY—\*Kilburn Edw. (Machinist)  
 STILLWATER—\*Atwood-Jones Mfg. Co.  
 †Dailey L. W. Stove Wks. (Stoves)  
 \*†Jesse Aug. (Fdry., etc.)  
 \*†§Swain D. M. (Foundry & Machinists)  
 VIRGINIA—\*†§Virginia Foundry & Machine Co. (Steam Pumps & Brass & Grey Iron Castings)  
 WADENA—\*†§Gehr H. W.  
 WARREN—\*†Warren Machine & Iron Works Co.  
 WASECA—\*Lang & Cochran  
 WINONA—\*Baldwin Bros. (Hand Fire Engines)  
 \*†New Winona Mfg. Co. (Feed Mills, Corn Shellers, etc.)  
 \*Phenix Iron Works (Machinists)  
 \*Pioneer Tractor Mfg. Co. (Traction Engines, etc.)  
 \*Winona Machine & Boat Works (Gasoline Engines, Motor Boats, etc.)  
 \*†§Winona Machine & Foundry Co.  
 \*Winona Motor Co. (Boat Engines)

## MISSISSIPPI.

BOLTON—\*Birdsong Mason (Machinist)  
 CANTON—\*Tull J. A. & Son  
 CENTERVILLE—\*McElwee George D.

COLDWATER—\*Perry A. G. Plow Co. (Agrl. Impls.)  
 COLUMBIA—\*†§Wallace W. C.  
 COLUMBUS—\*†§Jacobs F. M.  
 \*†Southern Mfg. Co.  
 †Standard Stove Works (Stoves)  
 CORINTH—\*†§Adams W. T. Machine Co. (Saw Mill Machy., Engines, etc.)  
 \*†§Corinth Machinery Co.  
 DOCKERY—\*†Collins Plow Co., (Agrl. Impls., etc.)  
 GREENVILLE—\*Berry H. N.  
 \*†§Wall Jos. W. (Est. of)  
 GREENWOOD—\*†Kitchell H. G. (Fdry. & Machinist)  
 GULFPORT—\*†§Dantzler Foundry & Machine Works  
 \*Smith W. R.  
 HATTIESBURG—\*†§Enterprise Foundry & Machine Co.  
 \*†Kemp Machine Works (Fdry. & Machinist)  
 HAZLEHURST—\*Hazlehurst Machine Shop (Inc.)  
 JACKSON—\*†§McDonnell Foundry & Machine Co. (Plows & Castings)  
 \*†§Miss. Foundry & Mach. Co. (Fdrs. & Machinists)  
 LAUREL—\*†§Laurel Machine & Foundry Co.  
 MERIDIAN—\*Hyde Chas. J. (Cotton Presses, etc.)  
 †§Marty Foundry Co.  
 \*†§Soule Steam Feed Works (Saw Mill Machy.)  
 MOSS POINT—\*†§Blumer Adam  
 NATCHEZ—\*†§Shaw C. P. & Co.  
 PASCAGOULA—\*Gatti T. C.  
 SCRANTON—\*Gatti T. C.  
 VICKSBURG—\*Dutton & Jones Fdry. & Machine Wks.  
 †§Tickell Jos. & Son  
 \*Vicksburg Boiler & Iron Works  
 WATERVALEY—\*†§Hendricks Wm. M.  
 WEST POINT—\*Bentley F. A.

## MISSOURI.

CALIFORNIA—\*California Machine Wks  
 CAPE GIRARDEAU—\*Erlbacher B.  
 CARROLLTON—\*Heins Daniel  
 \*Heins W. F. (Pumps)  
 CARTERVILLE—\*†§Webb City & Carterville Foundry & Machine Works  
 CARTHAGE—\*†§Carthage Foundry & Machine Works  
 \*†§Standard Machine Mfg. Co. (Well Drills)  
 CHILLICOTHE—\*†§Chillicothe Iron Co.  
 \*†Jenkins Hay Rake & Stacker Co.  
 CLARKSVILLE—\*†§Fletcher W. A.  
 CLINTON—\*Haysler Mfg. Co.  
 \*†§Industrial Iron Works (Grey Iron & Builders Castings, Engines, etc.)  
 COLUMBIA—\*Vannatta A. L. (Stoves, etc.)  
 CRYSTAL CITY — \*†§Pittsburgh Plate Glass Co. (See Pittsburgh, Pa.)  
 ELDON—\*Vanosdoll Clark  
 FREDERICKTOWN—\*†§Littleton T. R. & Son  
 FULTON—\*†§Gilbert Wm  
 GARDEN CITY—\*†§Kauffman J. L.  
 HANNIBAL—†Dudine Bridge & Iron Co.  
 †Duffy-Trowbridge Stove Mfg. Co. (Stoves)  
 †Hannibal Car Wheel & Foundry Co.  
 \*Long E. C. Mfg. Co. (Gasoline Engines)  
 \*Worrell S. E. (Drying Machines)  
 HARRISONVILLE—\*†Sharp A. J. & Co. (Machinist & Foundry)  
 HIGGINSVILLE—\*†§Raasch G. A.  
 HUNTSVILLE—†Fleming & Sons Mfg. Co. (Rakes & Hay Stackers)  
 INDEPENDENCE—\*†American Scale Co. (Scales, etc.)  
 †Independence Stove & Foundry Co.  
 JEFFERSON CITY—\*Star Dynamo Co. (Dynamos & Motors)  
 \*†Tanner Bros.  
 \*†Vetter H. J.  
 JONESBURG—\*Godfrey H. M. (Plows)  
 JOPLIN—\*†§Joplin Foundry Co.  
 \*†Rogers Foundry & Mfg. Co.  
 \*†§United Iron Works Co. (See Springfield)  
 \*†§Webb City & Carterville Foundry & Machine Works (See Webb City)  
 KANSAS CITY—\*Aetna Machine Works  
 \*†American Gas Engine Co. (Gasoline Engines)  
 \*†American Radiator Co.  
 \*†American Scale Co. (Iron Founders, Scales, etc.)

\*Bauer Machine Works Co. (Gas & Gasoline Engines)  
 \*Cameragraph Co.  
 \*†Campbell-Manson Co. (Fanning Mills, etc.) (Wks: Detroit, Mich.)  
 \*Carr Mfg. Co. (Farm Machinery)  
 \*†Central Brass Works Co.  
 \*Chandler Pumps Co.  
 \*City Boiler & Machine Co. (Boilers Repaired & Gen'l Machine Work)  
 \*Clarke's Brass Foundry  
 \*Crago's Practical Machine Works  
 \*Demster W. R. Machinery Co., 16th & Walnut  
 \*§Economy Gas Lamp Co. (Gas Lamps, etc.)  
 \*Economy Welding Machine Co.  
 †Enterprise Foundry Co (Grey Iron Castings)  
 \*†Faultless Engine Co. (Engines, etc.), 111 W 18th  
 \*Feldes & Donegan (Dies & Tools)  
 \*Gate City Machine Works  
 \*†§Great Western Mfg. Co.  
 \*Harbison Mfg. Co. (Implt. Supplies, etc.), 1219 W 10th  
 \*†Harrigan Safe Co. (Safes, etc.)  
 \*Hervey Machine Works (Special Machinery)  
 \*Kansas City Elevator Mfg. Co. (Dumb Waiters, Elevators, Hoists, etc.), 105 W 19th  
 \*Kansas City Engine Works (Gasoline Engines)  
 \*Kansas City Engineering Co., Scarritt bldg  
 \*†Kansas City Hay Press Co. (Hay Presses, Feed Mills, Haying Tools, etc.), 8th & Mill  
 \*Kansas City Machine Works (Machinists)  
 \*Kansas City Pump Co.  
 \*†Kansas City Structural Steel Co. (Structural Steel Work)  
 †Kansas City Wire & Iron Works (Structural Iron Work, etc.)  
 \*Koch Butchers' Supply Co.  
 †Loewer John E. Wire & Iron Works (Structural Steel)  
 \*Mathews Hugh (Cylinder Boring Bars, etc.)  
 \*Murphy Mfg. Co.  
 \*Murray Machinery Co. (Repair Shops)  
 \*National Machine & Construction Co.  
 \*Nevel Mfg. Co.  
 \*Pitless Auto Turntable Co.  
 †Prest Heating & Foundry Co. (Iron Founders)  
 \*§Prior Brass Mfg. Co. (Plumbers' Brass Goods, etc.)  
 †Pugh Foundry Co. (Iron Founders)  
 \*Saunders & Co. (Envelope Sealing Machines)  
 †Security Stove & Mfg. Co. (Stoves, Castings, etc.)  
 \*Sloan Novelty Mfg. Co.  
 \*†§Smith & Son Mfg. Co. (Plows, Hay Presses, Rakes, etc.), Guinotte & Lydia  
 \*§Star Brass Works  
 \*Tilk Frank Ornamental Iron Wks. Co.  
 \*Triumph Mfg. Co.  
 \*Vogl Tool Co. (Stonecutters' Tools, etc.)  
 †West Side Foundry Co.  
 \*X. L. Concrete Stone Machine Co.  
 KENNETT—\*†Kennett Engine & Boiler Works  
 KIRKSVILLE—\*†§Sherwood W. L.  
 KNOBNOSTER—\*Hunter A. J.  
 LEXINGTON—\*Taubman Charles  
 LINNEUS—\*†Superior Hay Stacker Mfg. Co. (Hay Stackers, etc.)  
 MARYVILLE—\*†§Armstrong Wm.  
 MILAN—\*Sevier J. D. Son  
 NEOSHO—\*†§Neosho Foundry & Plow Works (Plows, etc.)  
 ORONOGO—\*Oronogo Machinery Co.  
 POPLAR BLUFF—\*†§Holcomb W. A.  
 ST. CHARLES—\*†§American Car & Fdry. Co. (Cars, etc.) (See St. Louis)  
 ST. JOSEPH—\*Acme Machine Co. (Machinists)  
 \*†§Berry Foundry & Mfg. Co.  
 \*†Berry Iron & Steel Co. (Iron Founders' and Builders' Iron Works)  
 †Bielhen Foundry & Machine Works  
 †Crowther & Rogers Mfg. Co. (Foundry & Machine Works)  
 \*Cushman Sprayer Co.  
 \*Geis & Bichler  
 \*Hammond Packing Co., (Grey Iron Castings, Lamp Posts, etc.)  
 \*Jamieson Machine Co. (Machy, etc.)  
 \*†King Foundry Co.  
 †Phoenix Foundry & Mfg. Co.



\*St. Joseph Brass & Iron Co.  
 \*Specialty Shoe Machy Co.  
 \*Swanson-St. Joseph Plow Co. (Agrl. Implements, etc.)  
 \*Swift & Co.  
 \*Voltz Mfg. Co., 914 Penn.  
**ST. LOUIS**—\*Acme Machine Works (Cut Gears, etc.)  
 \*Adam Frank Electric Co. (Electric Goods), 904 Pine  
 \*Alsop Process Co. (Special Cofton Machinery)  
 \*†American Bed Co. (Iron Bedsteads), 18th & Park av  
 \*American Brake Co. (Car Brakes & Specialties), 1932 N Broadway  
 \*American Car Co. (Electric Cars, etc.) 1518 S. Vandeventer av  
 \*†§American Car & Foundry Co. (Cars, Car Wheels, Cast Iron Pipe, Grey & Malleable Iron Castings, etc.), Syndicate Trust Bldg.  
 \*American Electric Machine & Elevator Co., 1706 N 12th  
 \*†§American Foundry & Mfg. Co. (Water, Gas & Plumbers' Goods, Hardware, etc.)  
 \*†§American Stove Co. (Stoves)  
 \*Atkins H. C. Mfg. Co., 703 S Broadway  
 \*Ball Phil De C. (Ice Machines), 3003 N Broadway  
 †Banner Iron Works (Grey Iron Castings & Builders' Iron Works)  
 \*Barry-Wehmiller Machy. Co. (Bottlers' Machy., etc.)  
 \*§Bayer Steam Soot Blower Co.  
 \*Bradley Stencil Machine Co. (Stencil Machines)  
 \*Brauer A. G. Supply Co. (Stove Repairs, etc.), 316 N 3d  
 \*Brecht Co. (Packing House Machy., etc.)  
 \*Breil Robt. Machy. Co. (Machinist)  
 †§Bridge & Beach Mfg. Co. (Stoves), 1st & Valentine  
 \*Brockman J. R. Mfg. Co. (Steam Fitters' Tools & Supplies, etc.), 617 N 2d  
 \*†§Buck's Stove & Range Co. (Stoves, etc.), 3500 N 2d  
 \*†Busch-Sulzer Bros.-Diesel Engine Co. (Oil Engines), 2nd & Utah  
 \*†Cahill-Swift Mfg. Co. (Plumbers' Supplies & Brass Goods), 20 S 12th  
 †Carondelet Foundry Co. (Iron Fdrs.)  
 \*Century Electric Co. (Electric Motors)  
 \*Champ Spring Co., 2115 Chouteau av  
 \*Champion Shoe Machinery Co. (Shoe Machinery)  
 †§Charter Oak Stove & Range Co. (Stoves, etc.)  
 †Christopher & Simpson Iron Works Co. (Iron Fdrs. of Bldrs.' Iron Work)  
 \*Clemens John (Iron Work), 1922 S 7th  
 \*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc.), Pierce bldg. Works: Granite City, Ill.  
 \*Copper Clad Malleable Range Co. (Stoves & Ranges), 520 N Commercial  
 Crescent Tool Mfg. Co. (Dies, Tools), 1002 Cass av  
 \*Crowder Bros., 2018 Locust  
 \*†§Curtis & Co. Mfg. Co. (Saw Mill Machinery & Air Compressors, etc.), 1571 Klenien av  
 \*Diagraph Co. (Stencil Cutting Machines)  
 \*†Ellison Wm. & Sons Mfg. Co. (Coal Mining Machinery, etc.)  
 \*Emerson Electric Mfg. Co. (Electric Fans & Specialties, etc.)  
 \*Essmueller Mill Furnishing Co.  
 §Eureka Brass Co., 601 Red Bud av  
 \*Fernholtz Brick Machinery Co. (Brick Press Machines)  
 \*Fisher & Davis (Excelsior & Woodworking Machy., etc.), 934 N 1st  
 \*†Foster Bros. Mfg. Co. (Iron Beds, etc.)  
 \*†Fritz Geo. J. Foundry & Machine Co. (Engines, Boilers, Machy. Fdrs., etc.)  
 \*†Fulton Iron Works (Cane Sugar Machinery) 1259 Delaware av  
 \*Geraghty Bros. Elevator Co. (Elevators, etc.), 416 S 6th  
 \*†Gerst Bros. Mfg. Co. (Iron Fdrs. & Bldrs. Iron Work)  
 \*§Gilbert A. & Sons Brass Foundry Co. (Car & Engine Brasses, etc.)  
 \*Gravois Machine Shop Co. (Jobbers), 309 S 12th

†Green's Car Wheel Mfg. Co., 9th & Dock, B'way  
 \*†Hager C. & Sons Hinge Mfg. Co.  
 \*Hall & Brown Woodworking Machine Co. (Woodworking Machinery), 1913 N B'way  
 \*†Heinz C. Stove Co. (Stoves, Ranges, etc.), 100 N 2d  
 §Hewitt Mfg. Co. (Journal Bearings, etc.)  
 \*Hirsch Cal. & Sons Iron & Rail Co. (Guns Repaired), 300 S B'way  
 \*Hoffman-Marquard Iron & Machine Co.  
 \*House Cold Tire Setter Co. (Tire Setters, etc.)  
 \*Hoyt Metal Co., Boatman's Bk. bldg  
 \*Ice & Cold Machinery Co. (Refrigerating Machinery & Supplies)  
 \*Inland Machine Wks. (Dies, Jigs & Fixtures & Special Machinery), 800 Mound  
 \*Jacob Robt. Engine & Machine Co., 211 Chouteau av  
 \*Kauffman Engineering Co.  
 \*†Kaysing Iron & Foundry Co.  
 †Kilpatrick A. & Sons Foundry Co. (Castings, Kettles, etc.), Carrie & Bulwer av  
 \*Knight W. B. Machinery Co. (Drilling Machines)  
 \*§Kraushaar Brass Mfg. Co. (Gas & Electric Fixtures)  
 §Kupferle Bros. Mfg. Co. (Brass Fdrs. & Machinists), 600 N 2d  
 \*†§Kupferle Jno. C. Foundry Co. (Hardware & Plumbers' Specialties)  
 §Laclede Brass Works, 307 Cedar  
 \*Laclede Iron Works (Jobbing), 1315 Chestnut  
 \*†Landay Stove & Range Co. (Stoves, etc.), 1402 N 16th  
 \*Landis Machine Co. (Sewing Machines, etc.)  
 \*§Laser Mfg. Co., 1313 N 16th  
 \*§Leading Brass & Metal Co., 2715 Hickory  
 †Liberty Foundry Co. (Grey Iron Castings)  
 \*†Ludlow-Saylor Wire Co.  
 \*McGoogan J. J. (Machinist)  
 \*Maier Wm. (Jobbing), 3408 N 22d  
 \*†Majestic Mfg. Co. (Steel & Malleable Iron Ranges, etc.), 2018 Morgan  
 \*†§Materne John P. Mfg. Co. (Machinists, Pipe Fitters, etc.)  
 \*Maynard J. F. (Ice Refrigerating Machinery)  
 \*Mechanics Iron Works, 901 S Ewing av  
 \*†Medart Patent Pulley Co. (Iron Fdrs. & Machinists, Power Transmitting Machinery), 3500 De Kalb  
 \*Mellon & Storm Mfg. Co. (Brass & Iron Bedsteads, etc.)  
 \*§Mesker Bros. Iron Co. (Builders' Iron Works), 421 S 6th  
 \*§Messmer Fred. Mfg. Co. (Gears, Brass Fdrs., etc.), 2700 S 7th  
 \*§Missouri Brass Type Fdry. Co., 1620 W 22d  
 \*†Missouri Bridge & Iron Co., Fullerton bldg.  
 \*Missouri Engine Co.  
 †Missouri Iron Co., La Salle bldg.  
 \*Missouri Lamp & Mfg. Co. (Fire Extinguishers)  
 †Missouri Malleable Iron Co., East St. Louis  
 \*Moloney Electric Co. (Transformers)  
 \*Moon & Hopkins Billing Machine Co., (Adding Machines, etc.)  
 \*§More-Jones Brass & Metal Co. (Babbitt Metal, Car Brasses & Castings)  
 \*Mound City Machine & Pattern Wks.  
 \*Mound Tool Co., 1205 S 7th  
 §Mueller H. P., 219 Lombard  
 \*§Nelson N. O. Mfg. Co. (Plumbers' Specialties, etc.), 10th & Chestnut  
 §Northwestern Brass Wks., 2117 N 9th  
 \*Olive F. W. (Jobbing), 1007 Marion  
 \*†Pauly Jail Building Co. (Steel Jail Work), 2215 DeKalb  
 †Payer Printing Machine Co., Broadway Poplar  
 \*Pfoertner Lehmann Machine Co.  
 \*Progress Press Brick & Machine Co. (Brick Machinery, etc.)  
 \*Putnam Die Co., 917 N Market  
 \*Ramming John Machine Co.  
 \*Ramsey Machine & Elevator Co. (Elevators & Jobbing), 207 N 12th  
 \*Reliance Machine & Tool Works, Channing & Franklin av

\*†Ruemmeli-Dawley Mfg. Co. (Ice & Refrigerating Machy., etc.), 3900 Chouteau av  
 \*†Rumsey L. M. Mfg. Co.  
 \*§St. Gemme Frank Fire Apparatus Co. (Brass Finishers, Fire Extinguishers & Machinists)  
 †St. Louis Architectural Iron Co.  
 †St. Louis Axle Co. (Axles, Grey Iron Castings, etc.)  
 §St. Louis Bell Foundry (Bells, etc.)  
 \*St. Louis Blower & Heater Co., 1630 N 9th Tyler  
 \*St. Louis Boat & Engine Co., 3608 S Levee  
 \*§St. Louis Brass Mfg. Co. (Brass Fdrs. & Finishers), 2613 Washington av  
 \*†§St. Louis Car Co. (Car Builders, Brass & Iron Castings, etc.), 8000 N B'way  
 \*St. Louis Frog & Switch Co., Chemical bldg.  
 \*St. Louis Gas & Gasoline Engine Co. (Marine Gasoline Engines), 2615 De Kalb  
 \*†St. Louis Iron & Machine Works Corliss Engines, etc.), 126 Chouteau av  
 \*St. Louis Machine Tool Co. (Machine Tools, etc.), 2607 S B'way  
 \*†St. Louis Malleable Casting Co. (Malleable & Grey Iron Castings), 7701 N Conduit av  
 †St. Louis Steel Foundry (Manganese Steel Castings)  
 \*St. Louis Well Machine & Tool Co., Kingsland av  
 \*St. Louis Wire & Iron Co.  
 \*Sanitary Street Flushing Machine Co. (Street Flushing Machines)  
 \*Schmidt Wm. F. & Co., 3149 Texas av  
 \*Schoelhorn-Albrecht Machine Co. (Machinists), 416 N Main  
 \*Schurk Iron Works, 20 S Cardinal  
 \*†Scullin-Gallagher Iron & Steel Co. (Open-Hearth Steel Castings, etc.)  
 \*§Smith & Davis Mfg. Co. (Iron & Brass Bedsteads)  
 \*†South St. Louis Foundry Co. (Iron Fdrs. & Bldrs.' Iron Work), 7514 S Broadway  
 \*†Southern Wheel Co. (Car Wheels)  
 \*†Spuck Iron & Foundry Co. (Iron Fdrs.)  
 \*Steiner Mfg. Co. (Electric Motors, Coffee Mills, etc.)  
 §Stuckstede H. Bell Foundry Co. (Bell & Brass Fdrs.)  
 \*Stupp Bros. Bridge & Iron Co., Frisco bldg.  
 \*§Superior Brass & Mfg. Co., 106 S 8th  
 \*Swaine Fred J. Mfg. Co. (Machine, Tools, etc.), 2nd & O'Fallon  
 \*Teuscher & Son Machinery Supply Co.  
 \*Tolland J. W. (Jobbing), 2319 Chestnut  
 †Tower Grove Foundry Co., 4444 Hunt av  
 \*Turley H. G. (Cut Gears)  
 \*Victor Iron Works, 7th & Victor  
 \*Victor Machine Works  
 \*†Wagner Electric Mfg. Co. (Dynamos Motors, etc.)  
 \*†Warren Steel Casting Co. (Steel Castings, etc.), 4700 Fyler av  
 \*Wenger Geo. Machinery & Supplies Mfg. Co. (Machinery & Castings, etc.)  
 \*§West St. Louis Machine & Tool Co.  
 †Western Foundry & Sash Weight Co. (Grey Iron Castings)  
 \*Western Screw Products Co.  
 Whitman Agricultural Co. (Agrl. Impls.), 7000 S B'way  
 \*Wissler Instrument Works (Engineers' Instruments, etc.), 601 N Broadway  
 \*Wrought Iron Range Co. (Ranges, etc.)  
 \*Ziegler Robt. & Sons (Printing Presses, Bookbinders' Machinery, etc.), 208 Vine  
**SALISBURY**—\*Roling J. F.  
**SAVANNAH**—\*†§Schuyler W. S. (Gas Stoves, etc.)  
**SEDALIA**—\*Barley Thos. K. (Agrl. Implements, Harrows, Haying Tools, etc.)  
 \*Ritter Richard H.  
 \*†§Sedalia Foundry & Machine Works  
 \*†Wells, Geo.



SEYMOUR—\*†Freeman L. D.  
 SPRINGFIELD—\*†New Phoenix Foundry & Machine Co.  
 \*Schmook H. B.  
 †Silsby Stove & Queensware Co. (Stoves, etc.)  
 \*†United Iron Works Co. (Ice Making, Mining & Cement Machinery, Builders' & other Iron Castings, etc.)  
 \*†Woods-Evertz Stove Co. (Stove Mfrs.)  
 UNIONVILLE—\*†Stalcup Machine Shop & Garage  
 VALLEY PARK—†Wilson Stove & Mfg. Co. (Sheet Iron Stoves)  
 WEBB CITY—†Central Foundry Co.  
 \*†Webb City & Carterville Foundry & Machine Works (Mining Machinery & Grey Iron Castings)  
 WEST PLAINS—\*Summers W. L.

## MONTANA.

ANACONDA—\*†Anaconda Copper Mining Co.  
 BILLINGS—\*†Billings Foundry & Mfg. Co.  
 BUTTE—\*†Anaconda Copper Mining Co.  
 \*Butte Machinery Co.  
 \*†Montana Iron Works  
 \*†Western Iron Works  
 GREAT FALLS—\*†Anaconda Copper Mining Co.  
 \*†Great Falls Iron Works (Fdrs. & Machinists)  
 HELENA—\*†Caird Engineering Works (Stamp Mills & Castings, etc.)  
 \*Hansen C. L. (Machinist)  
 \*†Western Foundry & Machine Works

## NEBRASKA.

BEATRICE—\*†Beatrice Iron Works  
 \*†Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc.)  
 \*Kees F. D. Mfg. Co.  
 CENTRAL CITY—Jensen P. C.  
 DAVID CITY—\*Barker Mfg. Co. (Garden Weeder, etc.)  
 FAIRBURY—\*†Simpson John  
 FREMONT—\*†Fremont Fdry. & Machine Co.  
 HASTINGS—\*†Hastings Fdry. & Iron Works (General Foundry & Machine Work)  
 HEBRON—\*†Nickel Chas.  
 HILDRETH—\*†Hildreth Iron Works  
 HOLDREDGE—\*†Hultquist Bros.  
 KEARNEY—\*†Kearney Foundry Machine & Auto Co.  
 LINCOLN—\*†Cushman Motor Works (Engines & Motors, Gasoline)  
 \*†Hedges C. E.  
 McAlpine A.  
 \*Ress W. N. (Machinist)  
 \*Roberts John  
 †Westover John (Structural Steel & Bridge Works)  
 NEBRASKA CITY—\*Eccleston F. B.  
 \*†King Drill Mfg. Co.  
 NORFOLK—\*Bergstrom A. B.  
 OMAHA—\*American Machine Works (Special Machinery)  
 \*†American Smelting & Refining Co. (See N. Y. City)  
 \*Baker Ice Machine Co. (Ice Machines)  
 \*Briggs Pump Co.  
 \*Case J. I. Plow Works  
 †Champion Iron & Wire Works  
 \*Davis Joseph S.  
 \*†Jubilee Mfg. Co. (Sad Irons, etc.)  
 †Liddell Jno.  
 \*McDonald Bros. (Brass Fdrs.)  
 \*Melchoirs Peter Machine Works (Machinist)  
 †Mid-West Iron Works Co.  
 \*Nebraska & Iowa Steel Tank Co.  
 \*Omaha Electrical Works  
 \*Omaha Folding Machine Co. (Paper Folding Machines, etc.)  
 †Omaha Foundry Co.  
 †Omaha General Iron Works  
 \*Omaha Machine Works (Special Machinery)  
 †Omaha Safe and Iron Works  
 †Omaha Stove Repair Works  
 \*Omaha Structural Steel Works  
 \*†Paxton & Vierling Iron Works (Iron Fdrs. & Builders' Iron Work)  
 \*Sterling Mfg. Co. (Argic Implements & Supply Co.)

\*Sunderland Machinery & Supply Co.  
 †Wearne Bros. (Iron Fdrs.)  
 †Western Iron & Wire Works  
 \*Western Rock Island Plow Co.  
 PLATTSMOUTH—\*Knapp G.  
 RALSTON—†Howard Stove Works

## NEVADA.

RENO—\*†Nevada Engineering Works

## NEW HAMPSHIRE.

BERLIN—\*†Berlin Foundry & Machine Co.  
 CHARLESTON—\*Superior Tap Co. (Stocks & Dies, Taps, etc.)  
 CHESHAM—\*Russell Edward G.  
 CLAREMONT—\*Sullivan Machinery Co. (Diamond Drills, etc.)  
 CONCORD—\*†Concord Foundry & Machine Co.  
 \*Cushman Electric Co. (Electric Motors, etc.)  
 †Ford Foundry Co. (Stoves)  
 †Ford & Kimball (Brass & Iron Fdrs.)  
 Nat'l Separator & Mach. Co. (Turret Drill Presses, etc.)  
 CONTOOCOOK—\*Kingsbury & Davis Machine Co. (Paper Box Machy.)  
 DOVER—\*Davis Herbert M. (Machinist)  
 \*†Kidder Press Co. (Printing Presses, etc.)  
 \*National Woodworking Machy. Co.  
 EAST CONCORD—\*Badger Franklin L.  
 \*Eastman Samuel Co. (Nozzles, etc.)  
 EXETER—\*Exeter Brass Works (Plumbing Specialties & Brass Fdrs.)  
 \*Lane G. W. & C. A. (Grinding Mills, etc.)  
 FRANKLIN—\*Acme Knitting Machine & Needle Co. (Knitting Machines.)  
 \*Ames A. N. Knitting Machine Co. (Knitting Machines)  
 †Beaupre Bros.  
 \*Griffin G. W. Co. (Woodworking Machinery, Jig Saws, etc.)  
 HINSDALE—\*Granite State Mowing Machine Co. (Lawn Mowers & Trimmers)  
 \*Holman Jason R.  
 \*Nutter & Barnes Co. (Cold Saw Cutting-Off Machines)  
 †Tilden Frank W. (Iron Fdry.)  
 KEENE—\*Black J. C. & Co. (Engineers & Machinists Water Power)  
 \*Hill Dan L.  
 \*Hubbard H. W. (Jobbing Work)  
 †Humphrey Machine Co. (Water Wheels, etc.)  
 \*Sargent George W.  
 LACONIA—\*†Esty Sprinkler Co. (Mach. & Fdry. & Fire Extinguishers)  
 \*Esty Wm.  
 \*Huse Warren D. & Sons (Knitting Machinery)  
 \*†Laconia Car Co. (See Boston, Mass.)  
 \*†McGloughlin Iron & Brass Fdry. Co.  
 \*Mavo Geo. D. Machine Co. (Knitting Machinery, etc.)  
 LAKEPORT—\*Bickford H. & Co. (Machine Tools)  
 \*Crane Mfg. Co. (Knitting Machines)  
 \*McDuff Wm. J.  
 LANCASTER—\*†Thompson Mfg. Co.  
 LEBANON—\*Baxter Machine Co. (Band Saws, Planers, etc.)  
 \*†Cole S. & Son  
 \*Kendrick-Davis Co. (Watchmakers' Tools and Electrical Specialties)  
 MANCHESTER—\*†American Locomotive Co. (Locomotives) (See New York City)  
 \*Corey Wm. Co. (Knitting Machines, Needles, etc.)  
 \*Lacene Mfg. Co. (Shoe Machy.)  
 \*Leighton Machine Co. (Knitting Machinery)  
 NASHUA—\*American Shearer Mfg. Co. (Sheep Shearing Tools, etc.)  
 \*Flather E. J. Mfg. Co. (Gear Cutting Machines & Machine Tools)  
 †Flather Foundry Co. (Iron Fdrs.)  
 \*Flather & Co. (Machine Tools, etc.)  
 \*†Highton Wm. & Sons Co. (Warm Air Registers & Aluminum, Brass, Bronze & Grey Iron Castings)  
 \*Improved Paper Machinery Co. (Paper & Pulp Mill Machy.)  
 \*International Paper Box Machine Co. (Paper Box Machy.)  
 †Nashua Co-Operative Iron Foundry Co.

\*Nashua Machine Co. (Machinists)  
 \*Rollins Engine Co. (Engines, etc.)  
 \*Spence & Rideout (Power Cloth Presses, etc.)  
 †White Mountain Freezer Co. (Ice Cream Freezers, Light & Heavy Grey Iron Castings, etc.)  
 NEWTON JUNCTION—\*Brown Emma C.  
 PENACOOK—\*†Concord Axle Co. (Stone Polishing Machy., Axles, Brass Castings, etc.)  
 †Hoyt Electric Instrument Works (Electrical Instruments)  
 PETERBORO—\*White's Sam'l G. Sons  
 PORTSMOUTH—\*Chadwick & Trefethen (Expanding Reamers, etc.)  
 †Portsmouth Foundry Co.  
 ROCHESTER—\*†Furnald John C.  
 \*†Rochester Foundry & Machine Works.  
 SALMON FALLS—†Somersworth Foundry Co. (Stoves, Ranges, etc.)  
 SOMERSWORTH—\*Brackett, Shaw & Lunt Co. (Gasoline Engines, etc.)  
 SUNAPEE—\*†Smith N. A. (Est. of)  
 UNION—\*†Hamlin E. F. Brass Co.

## NEW JERSEY

AMPERE—\*Crocker-Wheeler Co. (Electric Machy.)  
 ARLINGTON—\*†Lovell F. H. & Co. (Brass & Copper Goods)  
 \*Stiles T. George Co. (R. R. Appliances)  
 ASBURY PARK—\*†Murphy Foundry & Mfg. Co.  
 ATLANTIC CITY—\*Bowen F. H.  
 \*Seashore Machine Works  
 BARTLEY—\*†Bartley R. C. Co. (Steam Heaters)  
 \*†Bartley Wm. & Sons (Saw Mill Machy.)  
 BAYONNE—\*†Babcock & Wilcox Co. (Water Boilers, Tube Boilers, etc.)  
 \*†Bayonne Steel Casting Co. (Monel Metal & Steel Castings, etc.)  
 \*Bergen Point Iron Works (Coal & Ore Handling Machinery)  
 †Clark's Iron Foundry  
 Elco Co. (Gas Engines, Launches, etc.)  
 \*Electric Launch Co. (Gas Engines, Launches, etc.)  
 \*Electro-Dynamic Co. (Motors)  
 \*Knickerbocker Metallic Bed Co.  
 \*Safety Insulated Wire & Cable Co. (See New York)  
 \*Texas Co. (See New York)  
 BELFORD—\*Walling Luther  
 BELLEVILLE—\*Delaney Edward D.  
 \*†Eastwood Wire Mfg. Co. (Iron, Brass & Bronze Castings, Special Machinery, etc.)  
 \*ECK DYNAMO & MOTOR CO. (Dynamamos, Motors, Fans & Generators)  
 See adv index at end of book  
 \*Hoppen J. E. & Sons, 75 Main  
 Rogers Wire Works, Inc. (Wire Cloth, Wire Rope, etc.)  
 Thomson Machine Co. (Bakers, etc.)  
 BLOOMFIELD—\*Baylis Co. (Carbon Brushes, Gas Regulators, etc.)  
 \*Eastern Tool & Mfg. Co. (Special Machinery), Bloomfield av  
 \*Empire Cream Separator Co. (Cream Separators)  
 \*†Jenkins Mfg. Co. (Brass & Composition Castings of All Kinds & Plumbers' Brass Goods, etc.)  
 \*Sprague Electric Works of Gen'l Electric Co. (See New York City)  
 \*White Ira F. & Son Co.  
 BOONTON—\*Van Duyn Orlin S.  
 \*Whitehead Oscar P.  
 BORDENTOWN—\*†Riverview Iron Works  
 \*Swift Geo. W., Jr. (Paper Box, Envelope & Special Machinery)  
 BOUND BROOK—\*American Engine & Electric Co.  
 \*†Graphite Lubricating Co., (Bronze Bearings)  
 \*†Timmis & Clissold  
 BRIDGETON—\*†Bridgeton Chandler Co.  
 \*†Cox & Sons Co. (Engines & Heating Apparatus)  
 \*Crescent Art Metal Co.  
 \*Ferracute Machine Co. (Sheet Metal Working Machinery, etc.)  
 \*Hettinger Engine Co. (Gas & Gasoline Engines, etc.)  
 BURLINGTON—\*†Devlin Thos. Mfg. Co. (See Philadelphia, Pa.)  
 †Lindsay John C. & Co.



\*†Stuart & Peterson Co. (Enameled Iron Ware, etc.)  
\*†U. S. Cast Iron Pipe & Fdry. Co. (Cast Iron Pipe.)  
CAMDEN—\*Acme Staple Co. Ltd. (Staple Machines)  
\*†Blair Mfg. Co. (Machinists' Tools)  
†Camden Forge Co.  
\*†Camden Foundry Co.  
\*†Camden Iron Works (Pumping Machinery, etc.). (See Phila., Pa.)  
\*Esterbrook Steel Pen Mfg. Co. (Steel Pens)  
\*Frاند Martin J. & Co.  
\*Hunt C. Howard Pen Co. (Steel Pens)  
\*Industrial Mfg. Co. (Sewing Machines)  
\*Lambert & Todd Machine Co.  
\*Langston Samuel M. Co. (Paper Box Machinery)  
Mathis John H. Co. (Ship Builders)  
\*New Jersey Wire Stitching Machine Co.  
\*New York Shipbuilding Co. (Iron & Steel Ship Builders)  
\*Noecker & Ake Shipbuilding Co  
\*Phoenix Meter Co. (Gas Meters & Appliances)  
\*Quigley & Dorp (Machinists & Ship Builders)  
\*Smith & Sinclair Machine Co. (Machinists)  
\*†Southwark Scale Co. (Scales, etc.)  
\*Victor Talking Machine Co. (Talking Machines)  
\*Webster Warren & Co. (Machinists & Feed Water Heaters, etc.)  
CARLSTADT—\*Klaber S. & Co. (Bronze Founders)  
CARTERET—\*†Wheeler Condenser & Engineering Co. (See New York City) See adv index at end of book  
CHROME—\*†Chrome Steel Works (Chrome Steel & Specialties)  
DOVER—\*Dover Boiler Works (Steel Plate Work of All Kinds)  
\*McKiernan-Terry Drill Co. (See New York City)  
\*†Richardson & Boynton Co. (Stoves) (See New York City)  
\*†Ulster Iron Works  
DUNELLEN—\*†Hall Printing Press Co. (Printing Presses, etc.)  
\*Ransome Concrete Machinery Co. (Concrete Mixers, Cranes, Hoists, etc.)  
EAST NEWARK—\*†Hewitt John (Iron, Brass & Aluminum Castings)  
\*Hortsmann F. W. Co.  
EAST ORANGE—\*Collinson Joshua  
\*Simms Magneto Co. (Carbureters)  
\*†Smith A. P. Mfg. Co. (Brass & Iron Founders, Tappings Machines, Pipe Cutting Machines, etc.)  
EAST TRENTON—\*†DE LAVAL STEAM TURBINE CO. (Steam Turbines)  
See adv index at end of book  
\*East Trenton Machine Works  
EDGEWATER—†Davis Foundry Co.  
ELIZABETH—\*†American Gas Furnace Co.  
\*American Swiss File & Tool Co. (See New York City)  
\*Braunsdorf-Mueller Co. (Tools, etc.)  
\*†Brown A. & F. Co. (See New York City)  
\*†Colwell Lead Co. (Plumbers' Supplies) (Office, New York City)  
\*Elizabeth Mfg. Co. (Bottle Washing Machy.)  
\*†Hitchings & Co. (See New York City)  
\*†Moore Bros. Co. (High Grade Grey Iron Castings & Machine Work)  
\*†Moore Sam'l L. & Sons (Grey Iron Castings, Engines, Machy. & Presses)  
\*New Jersey Dry Dock & Transportation Co.  
\*†Singer Mfg. Co. (See New York City)  
†United States Grate Bar Co.  
ELMER—Charlesworth G. A. (Millwright & Machinist)  
\*Wolbert Chas. W. (Millwright, etc.)  
FLEMINGTON—\*†Foran Fdry. & Mfg. Co.  
FLORENCE—\*†Florence Iron Works (See Phila., Pa.)  
FORT LEE—\*Vogel & Franchi (File-Cutting Machines)  
FREEHOLD—\*†Bawden J. H. & Co.  
\*Stokes Bros. Mfg. Co. (Rasps, Files, etc.)  
GARFIELD—\*De Mattia Bros.

GARWOOD—\*Bell Electric Motor Co. (Mfrs.)  
\*C. & C. Electric & Mfg. Co.  
\*†Garwood Bronze & Iron Works (Annealing Boxes, Grey Iron, Brass, Bronze & Aluminum Castings, etc.)  
\*Hall Switch & Signal Co. (R. R. Signals, etc.) (See New York City)  
GLASSBORO—\*†Carnell Wm. & Son  
GLOUCESTER CITY—\*†Rogers John M. Works (Machinists' Fine Tools, etc.)  
GRENLOCH—\*†Bateman Mfg. Co. (Agrl. Implements & Light Grey Iron Castings)  
HACKETTSTOWN—\*†American Sawmill Machinery Co. (Saw Mill Machinery, etc.)  
HADDONFIELD—†Reeves S. V. (Stoves, etc.)  
HAINESPORT—\*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings). (See New York City)  
HARRISON—\*Allan A. & Son (Brass Fdrs), 6th & Bergen  
CAVAGNARO JNO. J. (Macaroni, Wire Weaving & Watch Case Machy., etc.)  
\*General Electric Co.  
Hall Mfg. Co. (Engineers' Specialties)  
\*Hyatt Roller Bearing Co.  
\*National Hoisting Engine Co. (Hoisting Engines, etc.)  
\*Osborne C. S. & Co. (Harnessmakers' Tools, etc.)  
\*Osborne, J. K. Mfg. Co.  
†Reuther Bros.  
\*†Shriver T. & Co. (Brass & Grey Iron Castings, Cranes, Presses, Sugar Machinery, etc.)  
\*T. C. M. Mfg. Co.  
\*Torrance Mfg. Co. (Textile Machy.)  
\*†Worthington Pump & Machinery Corp. (Henry R. Worthington Works)  
HASBROUCK HEIGHTS—\*Olmstead's L. H. Son (Machinist & Power Hack Saws, etc.)  
HIGH BRIDGE—\*Manganese Steel Safe Co. (Manganese Steel Vaults & Safes). Works, Plainfield, N. J.  
HIGHTSTOWN—\*†Peppler Thomas (Agrl. Implements)  
\*Wyckoff Bros.  
HOBOKEN—\*Autographic Register Co.  
\*Buchholtz Carl & Co. (Wrought Iron & Brass)  
\*Button Machinery Co. (Button Machinery)  
\*Consolidated Iron Works (Engines, Machy., etc.)  
\*†Elevator Supplies Co. (Brass & Iron Casting)  
\*†Ferguson F. & Son (Grate Bars, Propeller Wheels, Machinery, Heavy Green Sand, Castings, etc.)  
\*†Fletcher W. & A. Co. (Marine Engines, etc.)  
\*Flynn Bros.  
\*†Focht Geo. Sons (Dumping Tubs & Buckets, Castings, etc.)  
\*Friedrichs Carl  
\*Front Drive Motor Co. (Motor Engines)  
\*Hunter Wm. Machine Co. (Machine Engineers & Machinists)  
\*†Keuffel & Esser (Engineering Instruments, etc.)  
\*Lutz Alois M. (Elec. Fixtures, etc.)  
\*†New York Switch & Crossing Co. (Frogs, etc.)  
\*Nilson-Miller Co. (Special Machinery, Gears & Gasoline Engines, etc.)  
\*†Oltmer Iron Works  
\*Penna. R. R. Shops, ft 12th  
\*Schimper Wm. & Co. (Metal Goods of Every Description, Spinners, etc)  
†Stevens Institute of Technology  
\*Tidewater Iron Works  
\*Tietjen & Lang Dry Dock Co (Shipwrights & Machinists)  
\*†Union Iron Works (Dump Cars, Tubs, Buckets, Iron & Brass Castings, Coal & Ore Dumping Machinery, etc.)  
\*Wilson Bros.  
HOPE—\*†Aten Henry F.  
IRVINGTON—\*†Barnett Oscar Fdry. Co. (Tools & Grey Iron Castings, etc.)  
†Bierman-Everett Foundry Co. (Grey & Malleable Iron Castings)  
\*Irvington Mfg. Co. (Tools, etc.)  
\*Rademacher A. E. (Scales, etc.)

JAMESBURG—\*†Pownall F. H. Iron Works  
JERSEY CITY—\*Ames W. & Co. (Machine Shop for Repairs), Communipaw av  
†Berthe Albert, 763 Patterson av  
\*†Boynton Furnace Co. (Iron Fdrs., Ranges & Heaters), Pacific av, op. Bramhall av (See New York City)  
\*†Brady Brass Co. (Brass Fdrs. & Finishers), 170 14th  
\*Clute H. C., 380 Wayne  
\*†Colby E. B. & Co. (Stoves, etc.) Hoboken av  
\*CORCORAN A. J., Inc. (Pumps, Windmills, Tanks & Towers, etc.), 761 Jersey av  
\*Craig James Engine & Machine Works (Gas Engines), Garfield av  
\*†Crane Wm. M. Co. (Stoves, Grey Iron & Brass Castings). Garfield av. (See New York City)  
\*Davis Jas. & Son (Elevators, etc.), 463 Pacific av  
\*†Fagan Iron Works, 14th  
\*Frank & Hedden Co. (Tools, etc.), 183 1st  
\*Fraser Mfg. Co. (Coffee Roasters & Cleaning Machy.), 573 Henderson  
\*†Gibson Iron Works Co. (Fdrs. & Machinists, Dumping Grates, etc.), 168 1st  
\*†Gothberg H. & E. (Brass & Bronze Finishers), 139 Cator av  
\*†Griscom-Russell Co., 72 York (See New York)  
See adv index at end of book  
\*Hamill Alex Iron Works (Structural & Ornamental Iron Work), 426 Montgomery  
†Hudson Foundry Co., 173 2nd  
\*Jersey City Machine Co.  
\*†Kellogg M W Co., 117 West Side av. (See New York City)  
\*Koven L. O. & Bro. (Heavy Sheet Metal Works, etc), 154 Ogden av  
\*Krouse Geo. (Heavy Brass & Phosphor Bronze Castings), 150 Morgan  
\*†McCabe Jas J., 10th. (See New York City)  
\*McLaughlin Thos., 53 Essex  
\*Magnus Co., 364 9th  
\*†Marcy Stove Repair Co., 340 Grove  
\*†Mersereau Metal Bed Co., 292 Johnston av  
\*Murphy Wm. J., 279 10th  
\*New Jersey Car Spring & Rubber Co. (Car Springs, etc), 91 Brunswick  
†New York Foundry Co., Pacific av  
†New York Metallic Bedstead Co., 198 Pacific av  
\*†Patterson-Allen Engineering Co., (Valves, etc). (See New York City)  
\*†Schroeder Edw. Lamp Works (Brass Founders & Finishers), 716 Jersey av  
\*†See A. B., Electric Elevator Co. (Elevators, etc.), Pacific av  
\*†Smith Theo. & Sons Co. (Machinists & Fdrs.), ft. of Essex  
\*Smith & Daudt, 66 Hudson  
\*†SSNEAD & CO. IRON WORKS, (INC.), (Jigs, Fixtures, Gauges, Special Machinery, Lathe, Planer, Punch Press & Stamping Work, Electric & Acetylene Welding, Baked Enameling & Polishing), 98 Pine. See adv index at end of book  
†Spence James, 923 Garfield av  
\*†Spindler & Deringer (Machine Work & Brass Foundry, Valve Work a Specialty), 243 Mercer  
\*Standard Motor Construction Co. (Marine Gas & Oil Engines), 180 Whiton  
\*†Steele & Condict (Rock Crusher Parts, Castings & Refrigerating Machines), 74 Pearl  
†West Bergen Iron Fdry. (Powell Bros., Props.), 21 Pollack av  
\*Williams E A & Son (Brass & Bell Founders), 109 Plymouth  
KEARNEY—\*Tait Geo. W.  
KENILWORTH — \*American Circular Loom Co.  
\*†Wright Chas. E. Co. (Wood Working Machy.)  
LAMBERTVILLE—\*Kugler Layton T.  
\*†Lambertville Iron & Steel Co. (Grey Iron, Brass & Composition Castings & Machinists)  
LODI—\*United Piece Dye Co. (Machine Shop for Their Own Use)



LYNDHURST—\*§Leslie Co. (Pressure Regulators, Brass & Bronze Castings, etc.)  
 MADISON—†Force, C. C. & Son  
 MAHWAH—\*†American Brake Shoe & Foundry Co. (Grey Iron Castings, etc.) (See New York City)  
 MATAWAN—\*†Matawan Steel & Iron Co.  
 §Munning-Loeb Co. (Dynamo Mfrs., etc.)  
 METUCHEN—\*Borgfeldt Cigar Machine Co. (Cigar Machy.)  
 \*Borgfeldt N. H. & Co. (Cigar Machy.)  
 MILLINGTON—\*Nash Duane H. (Harrowers)  
 MILLVILLE—†Madden & Gaskill  
 MORRISTOWN—\*Dutton Willis H.  
 NEWARK—\*Albee H. M. & Son (Hatters' Machy.), 35 Halsey  
 \*Almond David (Hat & Fur Machy.), 88 Warren  
 \*§Aluminum Goods Mfg. Co., Springfield av  
 \*§American Aluminum Ware Co., 374 Jeliff av  
 \*§American Hame & Bit Co., 59 N. J. R. R. av  
 \*American Transformer Co (Electrical Specialties), 145 Miller  
 \*Anderson Geo. & Co. (Diamond Cutting Machines), 8 Orange  
 §Art Metal Works (Bronzes, etc.), 7 Mulberry  
 \*Atha Tool Co. (Cast Steel Tools, etc.)  
 \*Automatic Weighing Machine Co. (Mfrs.), 138 Commerce  
 \*Backus Water Motor Co. (Gas Engines, Water Motors, etc.), 172 Penna av  
 \*Bailey Wm J. (Jewelers' Tools, Dies, etc.), 401 Mulberry  
 \*†Barlow Foundry Co., 551 R. R. av  
 \*Behrendt Herman F. 22 Green  
 †Birdsall W. A. & Co. (Heaters) 18 Mechanic Works: Collegeville, Pa.  
 †Bless & Drake, 175 N. J. R. R. av  
 \*Blevny Jno. C. (Polishing Machines, etc.), 209 Parkhurst  
 \*§Brabson Bros. (Saddlery Hardware) 47 Hamilton  
 §Brass Founders' Supply Co. (Brass Molds, etc.), Hamburg pl.  
 \*§Breeze Carburetor Co., 250 South  
 \*Brooks E. J. & Co. (Inc.), N 13th (See New York City)  
 \*Buermann August Mfg. Co. (Saddlery, Hdwr., etc.), 220 Jeliff av  
 †Burns Iron Works, 201 Commerce  
 \*Burroughs Charles Co. (Machinists & Hydraulic Machinery), 141 Commerce  
 §Bushauer Peter (Brass Fdry.), 261 Elm  
 \*†Central Foundry Co., Lockwood (See New York City)  
 \*Chapman W. H. (Machinists), 227 Mulberry  
 \*Chase Edw. O. (Fine Machys.), 46 Lawrence  
 \*†Clark Jas. T. Co. (Edge Tools, etc.), 70 Adams  
 \*Climax Co. (Locks, Latches, etc.), 275 Passaic  
 \*†Currier Cyrus & Sons (Leather Machy., etc.), 365 Market  
 \*De Camp & Sloan Mfg. Co. (Special Machy.) 420 Ogden  
 \*Delany D. & Son (Carriage & Wagon Springs, etc.), Hamilton  
 \*Diffany & Co (Jewelers' Dies, etc.), 209 Parkhurst  
 \*†Drake W. H. Co. (Heaters, etc.), 36 Clinton  
 \*Eagle Co. (Marine Engines), 98 Warren  
 \*Edwards B. V. & Co. (Wrapping Machinery) 45 Austin  
 \*Ellis Adding Typewriter Co. (Typewriters), 338 Elizabeth av  
 \*Emory Robt. J. Co. (Machinists), 27 Runyon  
 \*†Essex Fdy., Murray  
 \*†§Foster Engineering Co. (Steam & Engineers' Specialties, etc.), 109 Monroe  
 \*§Gamon Meter Co. (Water Meters), 282 South  
 †Goeller H. R. (Builders' Iron Work), 406 Frelinghuysen av  
 §Goldsmith C. A. (Brass Fdry.), 42 Cutler

\*†Gould & Eberhardt (High Class Machine Tools), 111 N. J. R. R. av  
 \*§Gould's M. Son & Co. (Brass Goods, etc.), 115 Lafayette  
 §Griffoul August & Bros. Co., 282 Chestnut  
 \*Groch Max, 41 Av L  
 §Hanson & Van Winkle Co. (Platers' Machinery & Supplies), 269 Oliver  
 \*Hartig Standard Gas Engine Co., 14 Commercial  
 \*†Hay Foundry & Iron Works (Builders' Castings & Iron Works), Plum Point lane  
 \*Healy Geo., 11 Alling  
 \*Hebb Geo. A. (Springs) 70 William  
 §Hedges & Bro. (Brass Castings & Finishers & Plumbers' Brass Goods), 10 R. R. pl.  
 \*Heller Bros. Co. (Tools, Files, etc.), 879 Mt. Prospect av  
 \*†§Hewes & Phillips Iron Works (Corliss Engines & Iron & Brass Castings), 8 Orange  
 \*Huebel Mfg. Co. (Padlocks, etc.), 103 Monroe  
 \*†Isbell-Porter Co., 46 Bridge  
 \*James Ore Concentrator Co., 35 Runyon  
 \*§Jost's Edmund Sons, 48 Dickerson  
 \*Klaus & Co. (Machinists), 541 Ferry  
 \*Lambert Hoisting Engine Co. (Hoisting Engines & Hoisting Machinery, etc), 117 Pointier  
 \*La Vergne Pump Co. (Power Pumps, etc), 284 N 5th  
 §Lawrence L. & Co., 292 Halsey  
 \*Lelman Bros., 68 Bonykamper av  
 \*§Lovell-McConnell Mfg. Co. (Electrical), 194 Wright  
 \*Lowentraut P. Mfg. Co. (Skates, Tools, etc.), 36 Bruen  
 \*Loy & Nawrath (Sheet Metal Working Machinery), 25 Runyon  
 \*†McCabe Boiler Works (Smoke Stacks, etc.), 195 Commerce  
 †Maher & Flockhart (Iron Fdrs.), 76 Polk  
 \*†Maher's Edward Sons, 216 Berlin  
 \*Marx-Winkler Co., 473 Washington  
 †Meeker Foundry Co. (Malleable & Grey Iron Castings)  
 \*Meisselbach-Catucci Mfg. Co. (Machine Tools), 25 Congress  
 \*Millington & Bradshaw (Tools & Machy.), 69 N. J. R. R. av  
 \*Monitor Boat and Engine Co., 215 Summit  
 \*Morgan Edward (Special Machinery), 35 Vesey  
 †Morrison Foundry Co., 111 Gotthart  
 \*Muller Fred (Hat Machy.), 214 Lackawanna av  
 \*Mundy J. S. Hoisting Engine Co. (Hoisting Engines, etc), 722 Frelinghuysen av  
 See adv index at end of book  
 \*National Lock Washer Co. (Lock Washers, etc.), 65 Johnson  
 \*National Mfg. & Steel Supply Co. (Sheet Steel Products, etc.), 15 River  
 \*§Newark Brass Works (Machy., Trunk Mfrs.' Machy., etc.), 22 Lawrence  
 \*Newark Gas Engine and Mfg. Co. (Gas Engines), 676 N 6th  
 \*Newark Leather Machinery Co. (Leather Working Machinery), 127 N. J. R. R. av  
 \*Noble & Hunt (Machinists), 359 Mulberry  
 \*Ohl Geo. A. & Co. (Sheet Metal Working Machy., Trunk Mfrs.' Mach., etc.), 159 Oraton  
 Oxweld Acetylene Co., 640 Frelinghuysen av  
 \*†Pfaff & Kendall (Pipe Cutting & Threading Machines, Nipples, Columns, etc.), Ferry & Foundry  
 \*§Phoenix Lock Works. (Locks, etc.), 3rd av  
 \*Plumb David S. (Clock Movements), 73 Norfolk, nr. Central av  
 See adv index at end of book  
 \*Positive Lock Washer Co. (Lock Washers, etc.), Ave A  
 \*Redman C. H. & Co. (Tools, Machines, etc.), 48 Dickerson  
 §Reinhold Jos. Bronze Co. (Bronze Founders)  
 \*§Riley-Klotz Mfg. Co. (Metal Goods, etc.), 17 Mulberry

†Riverside Mfg. Co. (Furnace Regulators & Heating Specialties), 162 Riverside av  
 †Riverside Steel Castings Co. (Crucible & Vanadium Steel Castings), Plank rd.  
 \*Ruesch H. J. Machine Co. (Jewelers' & Silversmiths' Machy., etc.), 407 Mulberry  
 †Sacks Louis (Grey Iron Castings), Hamburg pl.  
 \*Sayre L. A. Co. (Tools, etc), 332 Mulberry  
 §Schueler T. & Co., 48 19th av  
 §Shaw Bros., 43 Hermon  
 \*Skinner & Leary Co. (Engineers & Machinists), 19 Com'l  
 \*Sloan & Chase Mfg. Co. (Precision Machy.), 351 Sixth av  
 \*†Smith Albert Sons (Iron Railing, etc), 73 N. J. R. R. av  
 \*Steffens Amberg Co., 262 Morris av  
 \*Storm Mfg. Co., 50 Vesey  
 Sun Typewriter Co. (Typewriters), 50 Columbia  
 \*†§Thatcher Furnace Co., 36 St. Francis. (See New York City)  
 \*Tirrill's Gas Machine Co., 14 Commercial. (See New York City)  
 \*†Traud Alex. Co. (Castings & Embossing Presses, etc.), 5 Maine  
 \*Tucker C. F. & Co. (Tool Makers), 93 Green  
 \*†Turner Machine Co. (Iron & Brass Fdrs. & Special Machy.), 28 Eagles  
 \*†Universal Caster & Foundry Co. 574 Ferry  
 \*Universal Tobacco Machine Co., 55 Lafayette  
 \*†Watts-Campbell Co. (Corliss Engines & Iron & Brass Castings), 298 Ogden  
 \*§Wheaton A. W. Brass Works (Brass Fdrs. & Finishers), 21 R. R. pl.  
 §Wiener-Barnet Co., 328 Adams  
 \*Wright L. Machine Works, 9 Alling  
 \*Zeh & Hahnemann Co. (Presses, Dies, etc.), Vanderpoole  
 §Zusi Edward, 78 Mechanic  
 §Zusi Edw. A. (Brass Foundry), 101 Monroe  
 NEW BRUNSWICK—\*†Brunswick Refrigerating Co. (Ice Making Machy. & Grate Bars)  
 \*Consolidated Fruit Jar Co. (Metal Specialties)  
 \*Crawford Mfg. Co. (Machinery Mfrs.)  
 †Empire Foundry Co. (Grey Iron Castings)  
 \*†§Marine Mfg. & Supply Co. (See New York City)  
 \*Neverslip Mfg. Co. (Horseshoes & Toe Calks)  
 \*†§New Brunswick Iron Works (Brass & Iron Castings, Forgings, Builders' Iron Works, Patternmakers)  
 \*Potter Fred J. (Motors, etc.)  
 \*†Waldron Jno. Co. (Machinery & Castings)  
 NEWTON—\*Farrell Jno. (Hay Forks)  
 ORANGE—\*Bates Mfg. Co. (Automatic Numbering Machines, etc.)  
 \*Edison Phonograph Works, Inc. (Phonographs, Dictating Machines, etc.)  
 \*Edison Thomas A. (Inc.) (Talking Machines, Moving Picture Machines, etc.)  
 \*Orange Machine & Mfg. Co. (Machinists)  
 \*Townsend S. P. & Co. (Law Mowers)  
 PASSAIC—\*Antoine & Son  
 †Binns Henry (Iron Fdry.)  
 \*Botany Worsted Mills (Machine Shop for their own use)  
 \*De Vries Bros. (Jobbing Machinists)  
 \*†§Eagle Iron & Brass Foundry (Inc.)  
 \*Lyall J. & W. (Textile Machy., Looms, etc.)  
 \*Magor Car Co. (See New York)  
 \*Novelty Iron Works  
 \*Richardson Scale Co. (Scales)  
 \*†Robins Conveying Belt Co. (Conveying Machinery & Hoisting)  
 †Schmidt J. G.  
 PATERSON—\*†§American Locomotive Co. (Locomotives.) (See New York City)  
 \*§Asbell S. J. Co. (Plumbers' Brass Goods)  
 \*Atherton Machine Co.  
 †Barker Fred (Iron Fdrs.)  
 \*Bogert-Carlough Co.  
 \*Buckley's B. Sons (Textile Machinery)



\*†§Bucyrus Co. (See South Milwaukee, Wis.)  
 §Casson Robert H.  
 \*†Eastwood Benj. Co. (Textile Machy., Shafting, Pulleys & Hangers, Iron & Brass Castings, etc.)  
 \*Finigan Zabriskie Co.  
 \*Hakemeyer Machine Co. (Textile Machinery)  
 †Hilton Samuel  
 \*Hindley E. B. & Co. (Silk Machy.)  
 \*Johnson-Van Vlaanderen Machine Co.  
 \*King-Gerber Co. (Machinists)  
 \*Knapp C. H. (Textile Machy., etc.)  
 \*†§McNab & Harlin Mfg. Co. (See New York City)  
 \*Morrison Jas. L. Machine Co.  
 \*Paterson Foundry Co. (Grey Iron Castings)  
 \*Royle John & Sons (Photo Engraving, Rubber & Textile Machinery, etc.)  
 \*Sipp Machine Co. (Silk Machinery, Gas Engines, etc.)  
 §Taylor Robt. & Son (Brass Fdry.)  
 \*Terhune J. I. Machine Works (Silk & Velvet Finishing Machy., etc.)  
 \*Vreeland Chas. & Co.  
 \*†Watson Machine Co. (Cordage & Silk Mill Machinery, Castings, etc.)  
 \*Widmer Bros. (Silk Ribbon Machinery)  
 \*Wood Drill Works (Rock Drills)  
 PAULSBORO—\*Cox I. G. & Bro. (Agrl. Implements, etc.)  
 PENNSGROVE—\*Homan Vandever S. (Gasoline Engines)  
 PERTH AMBOY—†Marcy Stove Repair Co. (Stove Repairers) (See New York City)  
 \*Perth Amboy Dry Dock Co.  
 \*†§Perth Amboy Foundry & Machine Co.  
 \*†§Raritan Copper Works  
 \*Raritan Dry Dock Co.  
 \*†§Schantz & Eckert (Machy. Builders)  
 \*†§White Patrick & Sons  
 PHILLIPSBURG—\*†§Ingersoll-Rand Co. (See New York City)  
 See adv index at end of book  
 \*Tippett & Wood  
 \*†Warren Foundry & Machine Co. (Cast Iron Pipe & Water Works Specialties)  
 PLAINFIELD—\*International Motor Co. (See New York)  
 †Kennard Iron Works  
 \*Laing Machine Auto Repair Co.  
 \*Manganese Steel Safe Co. (Manganese Steel Vaults & Safes.) Works: High Bridge, N. J.  
 \*†Niles-Bement-Pond Co. (See New York City)  
 \*†§Potter Printing Press Co. (Printing Presses, etc.)  
 \*§Rushmore Dynamo Works (Projectors, Acetylene Generators, etc.)  
 \*†§Scott Walter & Co. (Printing Presses, etc.)  
 POTTERSVILLE—\*†§Excel Mfg. Co. (Grinding Mill, Crushers & Pulverizers & Iron Castings)  
 RAHWAY—Regina Co.  
 RARITAN—\*†§Kenyon D. R. & Son (Textile Machinery)  
 RIEGELSVILLE—Taylor, Stiles & Co. (Rag Cutting Machines, etc.)  
 RIVERSIDE—†Riverside Metal Co. (Castings of Phosphor, Bronze, White Metal, etc.)  
 ROCKAWAY—\*†§Hoagland's M. Sons Co.  
 ROSELLE PARK—\*Shedd Electric Co. (Motors, etc.)  
 \*§Watson-Stillman Co. (Hydraulic Machinery.) (See New York City)  
 RUTHERFORD—\*†§Fuchs & Lang Mfg. Co. (See New York City)  
 SADDLE RIVER—†Packer W. H.  
 SALEM—\*Ayars Machine Co. (Canning & Can Making Machinery, etc.)  
 \*†§Salem Brass & Iron Mfg. Co.  
 SMITHVILLE—\*†§Smith H. B. Machine Co. (Wood Working Machy., etc.)  
 SOMERVILLE—\*†Somerville Iron Works (Cast Iron Soil Pipe)  
 \*†Somerville Stove Works (Stove Manufacturers)  
 SOUTH RIVER—\*Kelsh Henry  
 TOWN OF UNION—\*Haas G. M.  
 TRENTON—\*Auer John B.  
 \*Baker Wm. H. (Rubber Mill Machy., etc.)  
 \*Barbour Bros. (Dies, etc.)

\*†§Billingham Brass Machine Co.  
 \*Butterworth Wm. H.  
 \*†§CROSSLEY MACHINE CO. (Pottery, Tile & Clay Machinery), State and Chestnut av  
 See adv index at end of book  
 \*Darling C. Harry  
 \*†Fisher & Norris (Anvils, etc.)  
 \*Freeman E. H. Electric Co. (Electric Specialties)  
 \*Ivens Wm. H. Sons Co. (Pottery, Mattress & Spring Bed Machinery), P. O. Box 647  
 \*Logan Edw. Machine Co. (Pottery & Special Machinery)  
 \*†§McFarland Foundry & Machine Co. (Grey Iron Castings & Repairs)  
 \*†Mackenzie's Duncan Sons Co. (Steam Engines, Heavy Machinery, etc.)  
 \*Model Machinery Co. (Clay & Tile Machy.)  
 \*†§Mott J. L. Co. (See New York City)  
 \*Mueller Machine Co.  
 \*†National Radiator Co. (See Johnston, Pa.)  
 †New England Steel Casting Co.  
 \*Reeves-Cubberley Engine Co. (Gas Engines)  
 \*§Roebbling's Jno. A. Sons Co.  
 See adv index at end of book  
 \*Spracklin Boiler & Machine Co.  
 \*Stahl H. E. (Machinist)  
 \*Sutphin Elmer E.  
 \*†Thropp Wm. R. & Sons Co. (Rubber Machinery, etc.)  
 \*†§THROPP'S JOHN E. SONS CO. (Marine Engines, Rubber Mill Machinery, Pottery Machinery, Cement Machinery, Grey Iron Castings, etc.), ft of Lewis.  
 See adv index at end of book  
 \*§Trenton Brass & Machine Co. (Plumbers' Brass Goods)  
 \*Trenton Engineering Co. (Marine Gasoline Engines)  
 \*Trenton Machine Specialty Co. (Rubber & Linoleum Machinery, etc.)  
 \*†§Trenton Malleable Iron Co. (Aluminum, Brass, Grey & Malleable Iron)  
 \*†§Watson John & Sons Co. (Axles & Machinists, etc.)  
 VINELAND—\*Blaisdell Machine Works (Tools)  
 \*Gage Tool Co. (Tools)  
 \*Sawyer E. H. Machine Works  
 \*†§Williams Foundry Co.  
 WEST HOBOKEN—\*Calvano S. Iron Wks.  
 WEST NEW YORK—\*Herman Iron Wks.  
 \*Selbach-Meyer Co.  
 WHARTON—†Downs & Slater  
 WOODBINE—\*Bayard M. L. & Co. (Tools, etc.)  
 WOODSTOWN—\*Knowles Adam  
 \*Peterson & Loveland

## NEW MEXICO.

ALBUQUERQUE—\*†§Albuquerque Foundry & Machine Works  
 †§National Foundry Co.

## NEW YORK.

ADAMS—\*Frazer Bros. Co. (Marine Engines)  
 AKRON—\*Martin Bros  
 \*†Thayer A. T.  
 ALBANY—\*†§Albany Brass Foundry  
 \*†Albany Car Wheel Co. (Car Wheels)  
 Albany Foundry Co.  
 \*Albany Machine & Tool Co.  
 †Albany Malleable Iron Co. (Malleable Iron & Semi-Steel Castings)  
 \*§Albany Steam Trap Co. (Steam Traps, Aluminum Castings, Finishing & Plating, etc.)  
 \*Brohm & Molitor (Files, etc.), 257 S Pearl  
 \*Burdick & Son (Stove Specialties, Dies, etc.)  
 †§Campbell Harry E. (Archl. Iron, etc.)  
 \*§Consolidated Car Heating Co. (Car Heaters, etc.)  
 \*§Cox Brass Mfg. Co. (Brass & Bronze Castings)  
 \*Federal Signal Co. (Railway Signals & Switches)  
 §Fitz Gerald John L. (Brass & Composition Castings, etc.)  
 \*†§Gaynor P. F.  
 †Hartnett, Jno. J. (Iron Foundry)  
 \*Kelly Luke J. Mfg. Co. (Lifting Jacks, Windlasses, etc.)

\*Kemp Jas. N. Machine Works (Grinding & Polishing Machinery, etc.)  
 \*McDonald D. & Co. (Gas Meters)  
 \*†McKinney Jas. & Son (Builders' Iron Work, etc.)  
 Modern Machine Tool Co.  
 \*Nicholson Aaron (General Jobbing)  
 \*†§Rathbone, Sard & Co. (Stoves)  
 \*Skinner & Arnold (Steam Engines, Propeller Wheels, etc.)  
 \*Stevenson & Leonard Machine Co.  
 \*†§Thacher Geo. H. & Co. (Fuel Economizers, Grate Bars, Grey Iron & Brass Castings, etc.)  
 \*†Townsend Foundry & Mach. Shop Co. (Light & Heavy Mach'y, Castings, Paper Mach., etc), Broadway & Rensselaer  
 See adv index at end of book  
 \*Van Nuhuys Machine Works, ALEXANDRIA BAY—\*Tassey Lewis  
 ALFRED—\*Rogers Machine Tool Co. (Boring & Turning Mills)  
 AMBER—\*Kinyon Willis  
 \*†Newman A.  
 AMSTERDAM—\*†§Inman Mfg. Co. (Paper Box Mach'y.)  
 \*†§Klauder-Weldon Machine Co. (Textile Machy.)  
 \*MacCordy Button Machine Co. (Button Mach'y, etc.)  
 \*†§Perkins Foundry Co.  
 \*Shuler W. S., Spring Co. (Springs, etc.)  
 \*Union Special Machine Co. (See Chicago, Ill.)  
 ANGOLA—\*Emblem Mfg. Co. (Bicycles)  
 ATHENS—\*†§Athens Fdy. & Mach. Shop Co.  
 †Travis D. W. Sons  
 ATTICA—\*Glor Bros. & Willis Mfg. Co.  
 \*†Westinghouse Machine Co. (See East Pittsburg, Pa.)  
 AUBURN—\*Auburn Ignition Mfg. Co. (Machine & Punch Works)  
 Birdsall Engine Co.  
 \*Bowen Mfg. Co., (Machine Screw Work & Oiling Devices, etc.), 357 Canal  
 \*†Clapp E. D. Mfg. Co. (Carriage Hdw., etc.), 300 Genesee  
 \*COLUMBIAN ROPE CO. (For Own Use Only), 3050 Genesee  
 See adv index at end of book  
 \*Eccles Richard Co. (Drop Forgings, Carriage, etc.)  
 \*§Enterprise Foundry Co.  
 \*Henry & Allen (Machine Knives, etc.)  
 \*†McIntosh & Seymour Corp. (Marine Engines, etc.)  
 \*Quick & Thomas Co. (Threshers, etc.)  
 \*Wadsworth David & Son (Scythes, etc.)  
 AVON—\*†§Champion Drill Co. (Grain Drills, Cultivators, etc.)  
 BAINBRIDGE—\*American Separator Co. (Cream Separators)  
 BALDWINVILLE—\*†§Morris Machine Works (Steam Pumps & Steam Engines, etc.)  
 BALLSTON SPA — \*†§Davison-Namack Foundry Co. (Brass & Grey Iron & Semi-Steel Castings)  
 \*Lackawanna Mfg. Co. (Gasoline Engines)  
 \*Union Bag & Paper Co. (Repairs)  
 BATAVIA—\*Baker Gun & Forging Co. (Shot Guns, Auto Parts, etc.)  
 \*Batavia Clamp Co. (Clamps, etc.)  
 \*Batavia Machine Co.  
 \*†§Johnston Harvester Co. (Agrl. Impls.)  
 \*†§Wiard Plow Co. (Plows & Agrl. Impls.)  
 BERGEN — \*§Miller Orville J. (Brass Fdry.)  
 BINGHAMTON—\*American Fork & Hoe Co. (Forks, Hoes, etc.) (See Cleveland, O.)  
 \*†Bowers L. M. & Co. (Anchors, etc.)  
 \*Canfield Gas Engine Co. (Gas Engines)  
 \*Central Flatiron Mfg. Co. (Gas Irons)  
 \*Deyo-Macy Engine Co. (Gas Engines, etc.)  
 \*Doolittle L. G. (Flue Cleaners)  
 \*Gaylord & Bitapenc Co. (Machinists, etc.)  
 \*Heath Robt. (Machinist)  
 \*†§Jones of Binghamton, Inc. (Scales, etc.)



\*Marvin Electric Drill Co. (Electric Drills, etc.)  
 \*Remington Typewriter Co. (See New York City)  
 \*†Shapley & Wells (Steam Engines, etc.)  
 \*Sharp W. M. Co. (Dental Machy., etc.)  
 \*†Stow Mfg. Co. (Flexible Shafts & Electric Motors & Portable Electric Tools, etc.)  
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 †Titchener E. H. & Co. (Wire Gds.)  
 BOLIVAR—\*Beatty & Jordan (Machinists)  
 \*†McDonnell & Brannen  
 BRASHER FALLS—\*†Kennehan P. E.  
 BUFFALO—\*Acme Steel & Malleable Iron Works (Steel & Malleable Iron Castings), 245 Military rd  
 \*Addressing Machine Co. (Tag Addressing Machines)  
 \*Alberger Gas Engine Co., 281 Chicago  
 \*Aldrich Mfg. Co. (Copper & Brass Goods)  
 §Allyne Brass Foundry Co. (Brass Fdrs.)  
 †American Brake Shoe & Foundry Co. (See New York City)  
 §American Bronze Co. (Aluminum & Bronze)  
 \*†American Car & Foundry Co. (See St. Louis, Mo.)  
 \*†American Radiator Co. (See Chicago, Ill.)  
 †American Seating Co. (See Chicago, Ill.)  
 \*American Shading Machine Co. (Shading Machines), 164 Rano  
 †Atlas Steel Casting Co. (Steel Castings)  
 \*Augustine Automatic Rotary Engine Co.  
 \*Automatic Buffing Machine Co.  
 \*†Barber Asphalt Paving Co. (Steam Road Asphalt Machy. & Tools, etc.)  
 \*†Barcalo Mfg. Co. (Brass & Iron Bedsteads)  
 \*Bergman Tool Mfg. Co.  
 †Bingham & Taylor, Ellicott Sq.  
 †Brown Car Wheel Works (Mfrs.), 466 Howard  
 \*Bryant O. & Sons (Radiator & Special Machinery), 1407 West av  
 \*Buffalo Brake Beam Co. (See New York City)  
 †Buffalo Car Wheel Foundry Co., Dun bldg  
 \*†Buffalo Co-operative Stove Co. (Grey Iron Castings, Stoves, etc.)  
 \*Buffalo Dry Dock Co. (Shipbuilders)  
 \*Buffalo Emery Wheel Co. (Emery Wheels, etc.), 127 Ash  
 \*Buffalo Engine Co. (Fertilizer & Garbage Disposal Machinery)  
 \*†Buffalo Forge Co. (Engines, Blowers, etc.)  
 \*†§**BUFFALO FOUNDRY & MACHINE CO.** (Grey Iron & Steel Castings up to 200 tons; Steam Hammers, Drying Machinery, etc.), 65 Winchester av  
*See adv index at end of book*  
 \*Buffalo Gasoline Motor Co. (Gasoline Marine Engines, etc.)  
 \*Buffalo Gear & Pattern Works, 18 Elk  
 \*Buffalo Machine Mfg. Co. (Jewellers' Machinery)  
 §Buffalo Mfg. Co.  
 \*§**BUFFALO METER CO.** (Water-Meters), 2921 Main  
*See adv index at end of book*  
 \*†§Buffalo Pitts Co. (Engines, etc.)  
 \*†§Buffalo Scale Co. (Inc.), 1205 Niagara  
 \*Buffalo Specialty Co. (Emery Grinding Machines), 375 Ellicott  
 \*†§Buffalo Steam Pump Co. (Steam Pumps, etc.) Works: N. Tonawanda, N. Y.  
 \*Buffalo Structural Steel Co.  
 \*Cary Safe Co. (Safes & Locks)  
 \*§Case W. A. & Sons Mfg. Co. (Plbrs' & Steam Fitters' Castings, etc.)  
 †Century Iron Co. (Grey Iron), 1453 Niagara  
 †Contractors Casting & Machine Co., 743 Hertel av  
 \*Crandall Can Filler Machine Co.  
 \*Crowell D. J., 61 Terrace  
 Curtiss Aeroplane Co., ft of Churchill

\*Deck Brothers (Brass Founders, etc.), Indiana  
 †De Laney Forge & Iron Co., 300 Perry  
 \*Devine J. P. Co. (Drying Drums, etc.)  
 \*Diamond Saw & Stamping Works (Emery Wheel Dressers, etc.), 357 7th *See adv index at end of book*  
 \*Double Truss Cornice Brake Co. (Sheet Metal Working Machinery)  
 \*Driscoll & Fletcher (Printing Presses, etc.), 75 Ellicott  
 \*Dunn Machine Co. (Machinists)  
 \*Eagle Stamping Co., 1400-1410 Niagara  
 \*Eastman Machine Co. (Cloth Cutting Machines), 779 Washington  
 \*Elsenhans Machine Works (Printers' Machinists & Special Mach.), 500 Washington  
 \*Empire Machine & Stamping Co. (Presses, Dies & Special Machy.), 59 Terrace  
 \*†Ernst's Chas. F. Sons (Grey Iron & Builders' Castings)  
 \*Ernst C. K.  
 \*Excelsior Steel Ball Co., P. O. Box 52  
*See adv index at end of book*  
 \*Farnham Mfg. Co., 39 Indiana  
 \*†§Farrar & Trefts (Iron & Semi-Steel Castings, etc.)  
 \*Feine August & Sons Co. (Iron Fdry. & Bldrs, Iron Works), 152 Terrace  
 \*†Fillmore Av. Foundry & Iron Works  
 \*Fisher Machine Tool Co. (Dies & Small Machine Work), 102 B'way  
 \*Ford Bros., 23 Illinois  
 \*Frank Machinery Co. (Woodworking Machinery)  
 \*§Fries & Co. (Aluminum & Brass Founders & Finishers), 91 Main  
 \*Frontier Engine Works (Steam Engines, etc.), 9 Perry  
 \*†Frontier Iron Works (Grey Iron Castings, etc.), 36 Letchworth  
 \*General Specialty Co. (Boiler Tube Cleaners)  
 \*†Ginther's J. Sons Co. (Iron Founders & Bldrs Iron Work, etc.)  
 \*Heiser Wm. & Sons Co.  
 \*Holmes E. & B. Machinery Co. (Wood Working Machinery)  
 \*†Howard Iron Works (Bolt & Nut Machinery, Pulleys, Vises, etc.)  
 \*Huebner, Bleistein Patents Co., 1200 Niagara  
 \*Huxley Valve Co., 281 Chicago  
 \*International Ball & Roller Bearing Co., 1283 Niagara  
 \*Jetter & Co. (Hardware Specialties, Tools, Files, etc.), 861 Jefferson  
 \*†Jewell Steel & Malleable Co. (Malleable Iron & Carbon Steel Castings)  
 \*Jewett & Co. (Stoves, Ranges, etc.)  
 \*Jones Iron Works (Iron Railings, etc.)  
 \*Josef E. E. Mfg. Co. (Brass Finishers, etc.)  
 \*Kelley Electric Machine Co. (Woodworking Machinery)  
 \*Keystone Mfg. Co. (Ratchet Drills, Wrenches, etc.)  
 \*†King Iron Works, 226 Ohio  
 \*†King Sewing Machine Co.  
 \*†§Lackawanna Steel Co. (Iron, Steel & Brass Castings & Machine Shop)  
 \*†§Lake Erie Engineering Works (Grey Iron Castings & General Machine Work)  
 †Lake Erie Foundry Co. (Grey Iron)  
 \*Lazier Gas Engine Co. (Gas Engines), 193 Main  
 \*Learman Frank J., 150 Ellicott  
 \*Liesinger R. T. G. (Packing House Machinery), Ellicott sq  
 \*Lippard-Stewart Motor Car Co. (Auto Trucks)  
 \*Littlefield Clark Co., Mutual Life bldg  
 \*Lobee Pump & Machy. Co. (Pumps, etc.), 111 Dearborn  
 \*§**LUMEN BEARING CO.** (Brass, Bronze & Copper Castings, Lumen Bearings, etc.), 200 Lathrop  
*See adv index at end of book*  
 \*McCarthy Bros. & Ford (Electrical Specialties, etc.)  
 \*Manzel Bros. Co. (Automatic Oil Pumps, etc.), 315 Babcock  
 \*Mayer Carburetor Co., 2673 Main  
 \*Mey Chain Belt Co. (Chain Belting & Elevating & Conveying Machinery, etc.)

§Model Brass Foundry Co., 411 Chicago  
 Mollenberg-Betz Machine Co., 110 Washington  
 \*National Brake Co. (Inc.), Ellicott sq  
 \*National Grinding Wheel Co., 2984 Main  
 \*National Welding & Mfg. Co. (Welding)  
 \*†New York Car Wheel Co. (Iron Fdrs., Car Wheels & Couplings, etc.)  
 §Niagara Brass Mfg. Co., 165 Adams  
 \*†§**NIAGARA MACHINE & TOOL WORKS** (Iron Founders, Punches, Presses & Sheet Metal Working Machinery, etc.)  
*See adv index at end of book*  
 \*Niagara Motors Corp. (Gasoline Marine Engines), Elliott sq  
 \*Nichols & Wright Motor Co. (Valveless Engines)  
 \*North Buffalo Hardware Foundry Co. (Grey Iron, etc.), 743 Hertel av  
 \*†§Noye Bros. Co. (Flour Mills Machinery)  
 \*Olin Gas Engine Co. (Mfrs.)  
 \*Oliver A. F. Gear & Machine Co., 60 Cherry  
 \*Oliver W. W. Mfg. Co. (Jewelers' Tools & Machinery, etc.), 1483 Niagara  
 \*Peerless Husker Co. (Green Corn Husking Machines)  
 \*Phoenix Die Casting Co. (Die Castings)  
 \*Pierce Cycle Co. (Bicycles), 18 Hanover  
 \*Pierce Wm. B. Co. (Boiler Tube Cleaners)  
 \*†Pohlmann John W. Foundry Co. (Grey Castings, etc.), 205 Baitz av  
 \*§Polson Mfg. Co.  
 \*Pomeroy & Stellrecht, 60 Indiana  
 \*†§Pratt & Letchworth Co. (Steel & Malleable Iron Castings, etc.)  
 \*Queen City Engineering Co. (Steam Pumps, Engines, etc.), 49 Illinois  
 \*§Ra, Geo. A. Mfg. Co. (Brass & Copper Goods)  
 \*Rice & Adams (Creamery Machy.), Roberson W. Machine & Foundry Co. ("Economy" Hack Saw Machines, Drill Presses, etc.), 56 Rano  
 \*Roberts Samuel C. & Co. (Brazing & Excelsior Machinery, etc.), 10 Lock  
 \*Ruger J. W. Mfg. Co. (Bakers' Machinery, etc.)  
 \*§Sherwood Mfg. Co. (Brass Fdrs., Engine & Boiler Specialties, etc.), 1709 Elmwood  
 \*Sizer Forge Co. (Crankshafts, Marine Forgings, etc.), 238 Larkin  
 \*Smith's John E. Sons Co. (Tanners' and Butchers' Machinery, etc.)  
 \*Sowers Mfg. Co. (Soap Makers' Machinery)  
 \*Spencer Lens Co.  
 \*Squier Geo. L. Mfg. Co. (Plantation Machinery)  
 \*†Standard Foundry Co. (Iron Castings)  
 \*Sterling Engine Co. (Marine Engines, etc.)  
 \*§Stewart Heater Co. (Brass Fdry., Boiler Feed Heaters, Power Pumps, etc.)  
 \*Stoll D. H. Co. (Presses, Shears, Dies, etc.)  
 †Strong Steel Foundry Co. (Steel Castings)  
 \*Taber Pump Co. (Rotary Brewery Pumps, etc.)  
 \*†§Taylor W. P. Co., 218 Ellicott sq  
 §Titan Copper Products Co., 376 Massachusetts av  
 \*†U. S. Brake Shoe Co. (Brake Shoes, etc.) Works: Corry, Pa., & Walton, N. Y.  
 \*†U. S. Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)  
 \*§U. S. Hame Co. (Steel Hames, etc.)  
 U. S. Headlight Co. (Headlights, etc.)  
 \*Wegner Machine Co. (Ice & Refrigerating Machinery, etc.)  
 \*White L. & I. J. Co. (Edge Tools, Machine Knives, etc.), 120 Columbia  
 \*Whitman Machine Co. (Engines), 178 Ohio  
 \*Wittmann Co. (Brewers' Machinery), 842 Elk  
 \*†§Worthington Pump & Machinery Corp. (Snow Work)



Zarembo Co. (Evaporators), 710 Morgan bldg.  
*See adv index at end of book*  
 \*Zero Valve & Brass Mfg. Co. (Brass Founders & Finishers)  
**CALEDONIA**—\*†Caledonia Bean Harvester Works (Bean Harvesters, etc.)  
**CAMBRIDGE**—Cambridge Steel Plow Co. (Agrl. Impls. & Grey Iron Castings)  
**CAMDEN**—\*Hynes Frank R.  
**CANANDAIGUA**—\*Sainave W. A.  
**CANASTOTA**—\*†Cady C. N. Co. (Gasoline Motors)  
 \*Mahan James  
 \*Marvin & Casler Co. (Boring Tools)  
 \*Watson Wagon Co. (Dump Wagons, etc.)  
**CANTON**—\*†Dishaw & Dishaw  
**CARTHAGE**—\*†Carthage Machine Co.  
 \*†Ryther & Pringle Co. (Paper Mill Machinery)  
 \*Wilna Machine Co.  
**CATO**—†Dutton E. Q. & Co. (Agricultural Implements, Plows, etc.)  
**CATSKILL**—\*†Catskill Foundry & Machine Co. (Machinists & Founders, Gears, Pinions, etc.)  
**CENTRAL BRIDGE**—\*Campbell S. K. Co. (Threshers, etc.)  
**CHAMPLAIN**—\*†Sheridan Iron Works.  
**CHARLOTTE**—\*Morrison H. D.  
**CHURCHVILLE**—†Snyder H. F.  
**CLYDE**—\*†Wood S. W. Engine Co. (Portable & Traction Engines & Brass & Iron Castings)  
**COBLESKILL**—\*†Harder Mfg. Co. (Threshers, Clover Hullers, etc.)  
 \*†Rickard Ira D.  
**COHOES**—\*Beattie Mfg. Co. (Textile Machy.)  
 \*Campbell & Clute Machine Co. (Textile & Knitting Machy.)  
 \*†Cohoes Iron Foundry & Machine Co. (Slashing Machy. & Elevators & Brass & Iron Castings)  
 \*†Cohoes Rolling Mill Co.  
 \*McCreary Edw. (Textile Machinery)  
 \*Rensselaer Valve Co. (See Troy, N. Y.)  
 \*Simcox Jos. H. (Brass & Bronze Castings)  
 \*Union Special Machine Co. (See Chicago)  
**COLD SPRING**—\*†DuBois Foundry Co. (Vanadium & other iron Castings)  
**COPAKE FALLS**—†Columbia Plow Works (Plows, etc.)  
**CORNING**—\*Empire Machine Co.  
**CORTLAND**—\*†Cooper Bros.  
 \*Cortland Grinding Wheel Corp.  
 \*†Cortland Foundry & Machine Co.  
 \*Gooley & Edlund (Dies, Special Machinery, etc.)  
**COXSACKIE**—\*†American Valve Co. (Valve Mfrs., etc.)  
 \*†Newbury J. G. Iron Works  
**CROTON FALLS**—\*Higley Machine Co. (Metal Cutting Off Machines, etc.)  
 \*Juengst Geo. & Sons  
**DANSVILLE**—\*Power Specialty Co.  
**DEPEW**—\*†American Car & Foundry Co. (See St. Louis, Mo.)  
 \*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings). (See New York City)  
 \*†Magnus Co. (Babbitt Anti-Friction Metals, etc.)  
 \*Railway Steel Spring Co. (See New York City)  
**DOLGEVILLE**—\*Menge Wm.  
**DUNKIRK**—\*†American Locomotive Co. (Locomotives). (See New York City)  
 \*Commercial Machine Co. (Camshafts, etc.)  
 \*Dunkirk Electrical Mfg. Co.  
 \*Dunkirk Machine & Boiler Co. (Jobbing, etc.)  
 \*Fletcher Chas. H. (Machinist)  
 \*Mulholland Co. (Carriage Springs, etc.)  
 \*Niagara Motors Corp. (Gasoline Marine Engines)  
 \*Romer Axe Co. (Axes & Edge Tools)  
 \*†United States Radiator Corp. (See Detroit, Mich.)  
**EAST AURORA**—\*†Peek's S. H. Sons. (Plows, etc.)  
**EAST ROCHESTER**—\*†Ontario Drill Co. (Grain Drills, etc.)  
**EBENEZER**—\*Gilfillan F. C. (Gas Regulators)  
**EDMESTON**—\*Greene Nelson L. (Est. of)  
**ELBA**—\*†Barr Newton L.

**ELLENVILLE**—\*†Hoyt, Canner & Co. (Castings, etc.)  
**ELMIRA**—\*§American La France Fire Engine Co.  
 \*†Elmira Boiler & Iron Works (Jobbing, etc.)  
 \*†Elmira Foundry Co. (Grey Iron Castings, etc.)  
 \*†Field Force Pump Co. (Pumps, etc.)  
 \*Hilliard Clutch & Machy. Co. (Friction Clutches, etc.)  
 \*Horton Machine Works (Basket Machy.)  
 \*†§Kennedy Valve Mfg. Co. (Valves, Hydrants, etc.)  
 \*Morrow Mfg. Co. (Auto Parts)  
 \*§Swift Lubricator Co. (Lubricators, Valves, etc.)  
 \*Thomas Chas. (Jobbing)  
**ENDICOTT**—\*Bundy Mfg. Co. (Adding Machines)  
 \*International Time Recording Co. of New York (Time Recorders & Time Stamps)  
**FAYETTEVILLE**—\*†Van Wagner E. B. Mfg. Co.  
**FISHKILL ON THE HUDSON**—\*†Dutchess Tool Co.  
 \*Potter-Morgan Mfg. Co. (Spring Brakes, etc.)  
**FONDA**—\*Mohawk Machine Shop  
**FORT PLAIN**—\*†Walrath Alphonso Co. (Broom Machy.)  
**FRANKFORT**—\*†Acme Road Machinery Co. (Road Machinery, etc.)  
 \*Pratt Chuck Co. (Chucks, etc.)  
**FRANKLINVILLE**—\*Ontario Knife Co. (Tools, etc.)  
 \*Stone F. L.  
**FREDONIA**—\*Hammond J. W.  
**FREEPORT**—\*§Columbian Brass Fdry. (Brass Fdrs., Propellers, etc.)  
**FRIENDSHIP**—\*†Drake Hdw. Co. (Stoves & Dairy Goods)  
**FULTON**—\*†Dilts Machine Works (Paper & Pulp Mill Machinery, Machine Knives & Castings, etc.)  
 \*†Emeny G. J. Co. (Ensilage Cutters, Cider Mill Machinery)  
 \*Foster Bros. & Chatillon Co. (Edge Tools)  
 \*Hunter Arms Co. (Fire Arms, etc.)  
 \*Hunter Fan & Motor Co. (Water Motors, Fans, etc.)  
**GASPORT**—\*Friend Mfg. Co. (Spray Pumps, etc.)  
**GENEVA**—\*†Catchpole Boiler Foundry & Machine Co.  
 \*Fay & Bowen Engine Co. (Gasoline Engines, etc.)  
 \*McCarroll W. W.  
 \*†Phillips & Clark Stove Co. (Stove Mfrs.)  
 \*Summit Foundry Co. (Stoves, Ranges & Furnaces)  
**GLENS FALLS**—\*†Dix Chas. B.  
 \*†Glens Falls Portland Cement Co.  
**GLOVERSVILLE**—\*†Curtin Hebert Co. (Glove Machinery, etc.)  
 \*Corey Machine Co. (Glove & Leather Machinery, etc.)  
 \*†Steele Mfg. Co.  
**GOSHEN**—\*†Newbury J. H. (Cast Iron Fittings, etc.)  
**GOWANDA**—\*†§Gowanda Agricultural Works (Agrl. Impls., Grey Iron Castings, etc.)  
 \*Moench C. Sons Co. (Repair Work for Tannery, etc.)  
 \*Smallwood W. R. Mfg. Co. (Corrugated Steel Fasteners, etc.)  
 \*†Star Iron Works  
**GRASSY POINT**—\*§Wiles A. M. & W. H. Co.  
**GREENE**—\*§Lyon Iron Works (Fdrs. & Machinists, Feed Cutters, etc.)  
 \*Moshier J. R. (Brass, Bronze & Aluminum Castings)  
**GREEN ISLAND**—\*Clifford Jas. J. & Co. (Machinists)  
 \*†Sweet & Doyle Foundry & Machine Co. (Special Machy. & Grey Iron Castings)  
**GREENPORT**—\*Gaffga J. S. & Co. (Gasoline Engines)  
 \*Greenport Basin & Construction Co. (Ship & Engine Builders)  
 \*Hedges Samuel P. (Machinist)  
 \*Tuthill & Thorn  
**GREENWICH**—\*†Eddy W., Plow Co. (Plow Mfrs. & Castings)  
**GROTON**—\*Groton Bridge Co.  
**GUILDERLAND**—\*†Guilderland Foundry Co.

**GUILFORD**—\*†§Merchant P. A.  
**HAMILTON**—\*†§Graham Dwight  
**HAMMOND**—\*†§Evans B. A. (Agrl. Impls.)  
**HANCOCK**—\*†Stimson T. F. (Iron Fdry.)  
**HAVERSTRAW**—\*†Waldron Chas. (Brick Machinery)  
**HERKIMER**—†Herkimer Foundry Co.  
 \*Klock A. B. (Machinist)  
 \*Quackenbush H. M. (Air Pistols, etc.)  
**HILLBURN**—\*†Ramapo Iron Works (Cars, Castings & General Truck Equipments)  
**HILLSDALE**—†Hillsdale Plow Co.  
**HONEOYE FALLS**—\*†Yorks Foundry & Machine Shop  
**HOOSICK FALLS**—\*†§Noble & Wood Machine Co. (Paper Mill Machy.)  
 \*Witham Co. (Paper Mill Machinery)  
 \*†§Wood W. A. Mowing & Reaping Machine Co. (Agricultural Implements, etc.)  
**HOPEWELL JUNCTION**—\*Martin Wm. A. (Machinery)  
**HORNELL**—†Davis Fdry. (Inc.)  
 \*Deer A. J. Co. (Coffee Mills, Meat Choppers, etc.)  
**HORSEHEADS**—\*†Weller Hdw. & Fdry. Co. (Grey Iron Castings)  
**HUDSON**—\*†§Gifford-Wood Co. (Ice Handling Machinery, etc.)  
 \*†Railway Steel Spring Co. (Car Wheels, Steel Springs, etc.)  
**HUDSON FALLS**—\*†§Friction Pulley & Machine Works. (Paper Mill Machinery)  
 \*Hibbard Gas Engine Co.  
 \*†§Sandy Hill Iron & Brass Works (Paper Mill Machy. & Iron & Brass Castings)  
**ILION**—\*Carney E. P. (Garage & Machinists)  
 \*Dyett Frank J. Co.  
 \*Remington Arms-Union Metallic Cartridge Co.  
 \*†§Remington Typewriter Co.  
**INTERLAKEN**—\*Covert Saddlery Works, (Neck Yokes, etc.)  
**IRVINGTON**—\*†Lord & Burnham Co. (Horticultural Builders & Greenhouse Heating Apparatus). (See New York City)  
**ITHACA**—\*Champaign Bros. (Boat Builders)  
 \*†§Godfrey E. E.  
 \*Ithaca Gun Co. (Guns)  
 \*†§Lang J. B. Engine & Garage Co.  
 \*†§Morse Chain Co. (Power Transmission Appliances, etc.)  
 \*Shaw M. D.  
 \*†§Williams Bros. (Well Drilling Machinery & Agr. Implt. Castings)  
**JAMESTOWN**—\*Anderson Bros. (Machinists)  
 \*Art Metal Construction Co.  
 \*Blackstone Mfg. Co. (Corn Planters, Washing Machines, etc.)  
 \*Crescent Tool Co. (Special Machinery, Tools, etc.)  
 \*Curtis Machine Corp. (Furniture Machinery)  
 \*§Eagle Fdry. & Mach. Co. (Fdrs. & Machinists)  
 \*Gurney Ball Bearing Co.  
 \*Hjorth Wm. & Co. (Wrenches, etc.)  
 \*†§Jamestown Iron Works Co.  
 \*Maddox Machine Co. (Woodworking Machinery)  
 \*†§Maher Patrick (Machinist & Fdry.)  
 \*Rushworth & Son (Machinists)  
 \*§Weber-Knapp Co. (Brass Castings, etc.)  
**JOHNSTOWN**—\*Camm Geo. E.  
 \*Gustin M. & Son (Glove Dies, etc.)  
 \*†Travis & Oczko  
**KINGSTON**—\*Brown W. G. Mfg. Co.  
 \*Dixon Chas. R. Co.  
 \*Hoysradt & Case (Machinery)  
 \*King A. R. Mfg. Co. (Machy., Tools, etc.)  
 \*†Lawton Wm (Foundry & Machinist)  
 \*†Long E. G. Co. (See New York City)  
 \*†§Millard Jas. & Son Co. (Brick Machy. & Castings)  
 \*Rice Jacob & Sons  
 \*Universal Road Machinery Co. (Road Making Machinery)  
**LANCASTER**—\*†American Malleables Co. (See New York)  
 \*Lancaster Machine & Knife Works (Bit Braces, Machine & Knife, etc.)  
**LEONARDSVILLE**—†Babcock Mfg. Co. (Agrl. Implements)  
**LE ROY**—\*†Le Roy Plow Co. (Plows, etc.)



LESTERSHIRE—†Heath W. A. Machine Co. (Woodworking Machy.)  
 †Sweet Bros.  
 LIMA—\*Bailey Engine Co. (Bottle Washing Machines, etc.)  
 LITTLE FALLS—\*Burrell D. H. & Co. (Dairy Machy.)  
 \*Cheney Henry Hammer Co. (Hammers, Tools, etc.)  
 \*†Reddy's M. Sons (Castings, etc.)  
 \*Snyder Homer P. Mfg. Co. (Knit. Machy.)  
 \*Stafford & Holt (Knitting Machy.)  
 LOCKPORT—\*Covert Motor Vehicle Co. (Automobile Transmissions)  
 \*†Dussault Foundry Works  
 \*Electric Smelting & Aluminum Co.  
 \*Ferree E. H. Co.  
 \*†Hall Iron Works  
 \*Harrison Mfg. Co.  
 \*Kolb Edw. (Machine Work)  
 \*Korff F. W. Electric Co.  
 \*†McKim Foundry & Machine Co. (Laboratory Machines & Castings)  
 \*†Merritt Mfg. Co. (Wood Working Machy.)  
 \*Niagara Paper Mill (For their own Rprs.)  
 \*Nolan Wm. Co. (Machinist)  
 \*†Richmond Mfg. Co. (Flour Mill Machinery.)  
 \*Trevor Mfg. Co. (Shingle, Heading, Staves, Handle & Wood Pulp Machinery)  
 \*Western Block Co. (Tackle Blocks, etc.)  
 LOWVILLE—\*†Fulton Machine & Vise Co. (Power Pumps, Vises, etc.)  
 Virkler A. G.  
 LYONS—\*†Berns & Schlee  
 \*Nagley Mfg. Co. (Tobacco Planters' Machy., etc.)  
 MALONE—\*†Hinds Thos. Co. (Stone Polishing & Stone Sawing Machy. & Castings)  
 MANLIUS—\*†Cheney S. & Son (Iron Fdrs.)  
 \*†Scoville E. U. Co. (Stable Fixtures, etc.)  
 MARATHON—\*†Livingston Jas. (Machinist & Fdry.)  
 MATTEAWAN—\*†Green Fuel Economizer Co. (Fuel Economizers, Blowers, etc.)  
 MECHANICSVILLE—†Eckerson Bedding Co. (Beds)  
 MEDINA—\*†Bignall Co. (Sinks, Pumps, Plumbers' Supplies, etc.)  
 \*†Central Foundry Co. (See New York City)  
 \*†Medina Foundry Co. (Soil Pipe & Fittings)  
 \*Medina Stamping & Machine Co.  
 \*†Swett A. L. Iron Works (Grey Iron Castings, Plumbers' Castings, Door Hangers, etc.)  
 MERIDIAN—†Everts Mfg. Co. (Plows, etc.)  
 MIDDLEPORT—\*Lewis E. J. (Canning Machy.)  
 \*Niagara Sprayer Co. (Spraying Machines)  
 †Sherwood & Snell  
 \*Whittaker F. A.  
 MIDDLETOWN—\*Coleman, Galen (Castings All Kinds, General Machy., etc.)  
 \*Ideal Wrapping Machine Co.  
 \*Madden & Morrison File Co.  
 \*†Martin Jas. G. (Castings of Every Description)  
 \*Morgans & Wilcox Mfg. Co. (Printing Machinery)  
 MONROE—\*†Newbury Mfg. Co. (Castings & Steam Fittings, etc.)  
 MONTOUR FALLS—\*Montour Steel Co.  
 \*SHEPHARD ELECTRIC CRANE & HOIST CO. (Electric Crane & Hoists, etc.)  
 See adv index at end of book  
 MORAVIA—\*†Cady Geo. S. & Son (Fdrs.)  
 MOUNT MORRIS—\*Empire Machine Works (Wood Working Machy.)  
 \*†Genesee Valley Mfg. Co. (Grain Drills, Harrows, Corn Shellers, etc.)  
 MUNNSVILLE—\*†Munnsville Plow Company  
 NEWBURGH—\*†Abendroth & Root Mfg. Co. (Grey Iron & Brass Castings, Water Tube Boilers, etc.)  
 \*†Alberger Pump & Condenser Co. (Pumps, Condensers, Engines, Ice Machines & Grey Iron & Brass Castings, etc.). See New York

\*†Bradley G. W. Axe & Tool Mfg. Co.  
 \*Coldwell Lawn Mower Co. (Lawn Mowers, etc.)  
 \*†Coldwell-Wilcox Co. (Sugar Machy., Rock & Ore Crushers, Sluice Gates & Iron & Brass Castings, etc.)  
 \*Kimball's S. G. Son (Brass Fdr.)  
 \*†Marvel T. S. Shipbuilding Co.  
 \*†Turl Iron & Car Co. (Sugar Machinery, etc.)  
 NEW HAMBURG—\*†Stuart R J & T H (Compression Wedge Couplings, Castings, etc.)  
 NEW LISBON—\*George M. & R. L. (Steam Engines, etc.)  
 NEW ROCHELLE—\*Vogel R.

## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—\*†Acme Foundry Co., 308 N Henry  
 \*Acton Jno. (Machinist), 118 John  
 \*Adriance Machine Works, 254 Van Brunt  
 \*Ambrose Machine Co. (Machinists, Metallic Packings, etc.), Provost  
 \*American Air Compressor Works, 558 Hamilton av  
 \*American Brass Fixture Works (Brass Goods, Railings, etc.), 66 Greenpoint av  
 †American Casting Co.  
 \*American Krupp System—Diesel Engine Co. (Diesel Oil Engines), 165 Broadway  
 \*American Machine & Foundry Co. (Machinists), 520 2d av  
 \*American Numbering Machine Co., 224 Sheperd av  
 \*American Stopper Co. (Bottlers Machy.), 19 Verona  
 \*American Telegraph Typewriter Co (Telegraph Typewriters), 81 Prospect  
 \*Atlantic Basin Iron Works, Summit  
 \*Atlantic Iron Works, 441 11th av  
 \*†Atlas Brass Foundry, 112 Greenpoint av  
 \*†Auer Jno., Jr. (Machinist), 199 Middleton  
 \*Ball Geo. M. & Son (Gears, Machinery, etc.), 56 Greenpoint av  
 \*Ball & Jewell (Machinists), 24 Franklin  
 \*Bergstrom & Bass (Engrs. & Machinists), 158 2d av  
 †Binney-Godfrey Co. (Iron Fdrs., etc.) Kent av  
 \*Blattner Fred'k (Machinist & Millwright), 223 Maujer  
 \*†SBLISS E. W. CO. (Sheet Metal & Plate Machy., Gears, etc.), 117 Adams. See adv index at end of book  
 \*Brass Goods Mfg. Co. (Brass Goods, etc.), 533 Union  
 \*Briggs Engineering Co., ft. 24th  
 \*Brooklyn Brass Wks. (Plumbers' Brass Goods, etc.), 263 Scholes  
 †Brooklyn Navy Yard, Sand  
 \*†Brooklyn Vault Light Co. (Vault Light, etc.), 254 Monitor  
 \*†Brown & Patterson, 33 Marcy av  
 \*Burr John T. & Son (Machine Tools, etc.), 429 Kent av  
 †Burr & Houston Co. (Iron Fdrs., Electrical Work, Light Castings & Specialty), 84 Calyer  
 \*Cameron Machine Co. (Cloth Cutting Machinery, etc.), 61 Poplar  
 See adv index at end of book  
 \*Campbell Jas. F. & Son (Files, etc.), 13 Frost  
 \*Century Pump Co. (Pumps, etc.), 428 3d av  
 \*Cevasco, Cavnagaro & Ambrette, 156 6th  
 \*Christoffel's A. Sons (Tube Cleaners, etc.), 277 Eldert  
 \*†Columbia Machine Works & Malleable Iron Co. (Electric Railway Appliances, Grey Iron & Brass Fdry.), Atlantic av & Chestnut  
 \*Coyne & Delany Co. (Brass Fdrs., Plumbers' Specialties, etc.), 832 Kent av  
 †Craig Foundry Co. (Iron Castings), 42 Sanford  
 Crane's T. A. Sons Co. (Erie Basin), ft Columbia  
 \*†Creamer F. D. & Co Co., 2nd & Gowanus Canal  
 \*Crowell Mfg. Co. (Blowers, Pumps, Air Compressors, etc.), 296 Taaffe pl

\*Currie J. B. & Son, 72 Adams  
 \*Daley Laundry Machy. Works, 337 Butler  
 \*Davidson M. T. Co. (Steam Pumps, etc.), 43 Keap  
 \*Deverall Perfection Mfg. Co. (Brass Specialties, etc.), Caton av  
 \*†Doehler Die Casting Co. (Die Castings, etc.), Court & 9th  
 \*Doig Wm. S. (Est. of) (Box Nailing Machy.), 54 Franklin  
 †Eagle Iron Works, 850 De Kalb av  
 \*Eggers Wm. J. (Rubber Molds, etc.), 294 Taaffe pl  
 Electric Operations Co. (Electrical Machines), 254 36th  
 \*Ellsworth S. P., 430 Kent av  
 \*Elsesser Michael, ft Court  
 \*Emmerich Fred'k, 365 Flushing av  
 \*Empire Machine Works, Berry  
 \*Faas Chas. R. (Tool Maker), 34 S 6th  
 \*Fanning Joseph P., 678 Jefferson av  
 \*†Fisher A. B. Co., 18 Dunham pl  
 \*Fogarty M. J. (Machinists), 40 Harrison  
 \*Foster Pump Works, 36 Bridge  
 \*Franklin Machine & Steam Boiler Works (Machinists, etc.), 88 Quay  
 \*†Fulton Foundry & Machine Co. (Machinists & Iron Fdrs.), 21 Furman  
 \*General Insulate & Machine Co. (Dies, Tools, etc.), 1008 Atlantic av  
 \*Gill P. H. & Sons (Forgings, Grain Elevators, Power Transmitting Machinery, etc.), 2 Lorraine  
 \*†Graf Jos. (Brass Finisher), 886 Park av  
 †Greenpoint Brass Foundry, 38 Franklin  
 †Greenpoint Metallic Bed Co., 226 Franklin  
 \*†Guild & Garrison (Pumping & Sugar Machy., etc.), 457 Kent av  
 \*Hall & Hurlbert, ft of 24th  
 †Halloran Thos. (Iron Fdry.), 890 Metropolitan av  
 \*Hamann Machine Co., 24 Quincy  
 \*Hamilton Robt. & Sons, 56 Water  
 \*Hartley T. (Engineer & Machinist), 75 Delevan  
 †Hemsher Metal Co., 18 Rapelyea  
 \*Henry Engineering Co., 116 27th  
 \*Hibbard W. H. Mfg. Co. (Power Presses, Shears, etc.), 79 Washington  
 \*Holland Frank & Son, 683 Lorimer  
 \*Hoole Machine & Engraving Works (Book Binders' Machinery), 29 Prospect  
 \*Houchin-Aiken Co. (Candle & Soap-makers' Machinery, etc.), 113 53d  
 \*Hubbard's Norman Sons (Vacuum Pump & Veneer Sawing Machines), 265 Water  
 \*Huber Machy. Co. (Soap Machy.), 261 46th  
 †Huethwohl Louis, 513 Flushing av  
 \*International Postal Supply Co., 634 Prospect pl  
 \*International Typesetting Machine Co. (Typesetting Machines), ft Montague  
 \*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings), 51 Boerum pl (See New York City)  
 \*Judge Harry W., Nutria al.  
 †Kasper & Koetzie, 565 Bushwick av  
 \*Kelting Albert J. (Machinist & Engineer), 459 Carroll  
 \*Kent Machine Works, 39 Gold  
 †Kings County Iron Foundry Co. (Sash Weights, etc.), N 13th & Berry  
 \*†Krajewski-Pesant Corp. (Sugar Machinery, etc.), 54 Beard  
 \*Krantz Mfg. Co. (Electric Instruments), 160 7th  
 †Lefferts Chas. A. & Co., 109 2d av  
 †Leffler Chas. & Co. (Presses, Dies & Tools for Sheet Metal, etc.), 59 Clymer. See adv index at end of book  
 \*Lehmann & Schaefer, 321 Palmetto  
 †Leiser Mfg. Co., 46 Walworth  
 †Lewis & Egginton, Berry  
 \*McAdams Jno. & Sons (Paging & Ruling Machines), 978 Kent av  
 \*Marresford Wm. F. (Wallpaper & Bookbinders' Machy.), 56 Pearl  
 \*†Mergenthaler Linotype Co. (Linotype Machines), 24 Ryerson  
 \*Metal Specialty Mfg. Co., 125 Patchen av



\*†Metcalf Saml. (Brass & Iron Fdry.), Seabring  
 \*Miller Wm. P. Co. (Bailing Presses), 250 Greene.  
 \*Mills Wm. J. (Brass & Bronze Fdrs. & Machinists), 198 Roebling  
 \*Morse Dry Dock & Repair Co. (Marine Works), ft 56th  
 \*Mulstein Jno. Co. (Tools), 211 3d av  
 \*Murcott & Campbell (Files), 296 Union av  
 \*Murray John A. (Brass Finisher), 112 Front  
 National Foundry Co. of N. Y., 10 Sanford  
 \*National Meter Co., 42d & 1st av. (See New York)  
 \*Nebel Martin A. (Cement, Paint Grinding Machy., etc.), 74 Grand av  
 \*New York Gear Works, 56 Greenpoint av  
 \*Nichols Gas Fixture Mfg. Co. (Gas Fixtures), 1100 Myrtle av  
 \*Oakley & Keating (Laundry Machy.), 673 Manhattan av  
 \*Oldham Joshua & Sons (Saws), 112 26th  
 \*Olsen Andrew (Machinist & Boiler Maker), 39 Union  
 \*Paper Working Machines Co. (Paper Working Machy., etc.), Kent av and Hooper  
 \*Paulson Thos. & Son (Brass Castings & Anti-Friction Metals, etc.), 97 2d av  
 \*Penn Brass & Bronze Works (Brass & Bronze Founders, etc.), 111 Dublin  
 \*Phelan Jos. E. (Brass Finisher), 429 Kent av  
 \*Pioneer Iron Works (Asphalt, Paper Taring Sugar Machinery, etc.), 149 Pioneer  
 \*†Pitz & Weber, 287 Scholes  
 \*Pollard Jos. G. (Tools), 141 Raymond  
 \*Potdevin Machine Co., 253 36th  
 \*Pringle Thos. G. (Machinist), Clay  
 \*Reeve Henry E. (Mechl. Engr. & Machinist), 459 Carroll  
 \*Reid R. W., 272 Kent av  
 \*†Riley John J. Co. (Iron & Brass Foundry), Van Brunt  
 \*Riley Machine Works, 192 24th  
 \*Roberts Numbering Machine Co. (Machinists), 706 Jamaica av  
 \*Robertson John & Co. (Lead Pipe Machinery), 133 Water  
 \*Robins Dry Dock & Repair Co. (Marine Repairs), Beard  
 \*Rockwell L. A. Co. (Bakers' Machy., etc.), 430 Smith  
 \*Roman Bronze Works (Bronze Castings only), 275 Greene

## ROOVERS BROS.

Pattern, Figure and Letter  
 Embossing Presses, Etc.

100 Schermerhorn St., Brooklyn, N.Y.

\*†Ross Chas. & Son Co. (Paint Grinding & Mixing Machy.), 146 Classon av  
 \*Rotary File & Machine Co. (Saw Sharpening Machines, Pinking Machines, etc.), 176 N. 4th  
 \*†Roy Engineering & Iron Works, 51 Otsego  
 \*†Royal Metal Furniture Co., 125 8th  
 Saladin Louis, 1241 DeKalb av  
**SCHAEFFER & BUDENBERG MFG. CO.** (Gauges, Thermometers, Recorders, etc.), Berry and S 5th  
 See adv index at end of book  
 \*Shapiro & Aronson (Gas Fixtures), 245 Glenmore av  
 \*Sittmann G. & Sons, 105 Liberty  
 \*†Smith & Loughlin (Iron Fdrs.), Driggs av & N 5th  
 \*Staats Geo. & Co. (Brass Founders & Finishers), 74 Bayard  
 \*†Standard Iron Foundry, 252 N Henry

\*Sterling Brass Polishing Co. (Brass Finishers), 105 Livingston  
 \*Stimpson Edwin B. Co., 68 Franklin av  
 \*Sweeney W. H. Mfg. Co. (Brassware, etc.), 30 Main  
 \*†Taylor & Co. (Machine Molded Castings, etc.), 680 Morgan av  
 \*Tebo Yacht Basin Co. (Marine Repairs), ft. 23d  
 \*Terry & Williamson, 43 Sedgwick  
 \*Thompson-Bonney Co. (Electrical Specialties), 18 Henry  
 \*Thomson Meter Co. (Water Meters), 110 Bridge  
 \*Tickle Arthur, 21 Delevan  
 \*†Tighe John J., 150 25th  
 \*†Tuttle-Bailey Mfg. Co., 79 N 10th  
 \*Vierengel Matthew (Machinist), 32 S 6th  
 \*Ward Geo. H. & Co. (Steam, Hydraulic, Electric & Refrigerating Plants, for Marine Purposes, Engine Repairing, etc.), 78 Delevan  
 \*Warp Twisting-In Machine Co., 260 Van Brunt  
 \*Weisbecker Francis A. & Sons (Polishing Machines, etc.), 22 Frost  
 \*Weiss L. T., 286 Taaffe pl  
 \*Wenstrom's John Sons, 623 Bergen  
 \*Wesel F. Mfg. Co. (Electro & Stereotyping & Photo Engravers' Machinery, etc.), 70 Cranberry  
 \*Whale Creek Iron Works, 245 Huron  
 \*White J. H. Mfg. Co. (Gas & Electric Light Fixture Parts & Trimmings), 111 N 3d  
 \*Wischerth Mfg. Co., 302 McDougal  
 \*Wittebann Bros. (Bottlers' Machy. & Supplies, etc.), 41 Ferris  
 \*Wright J. K., 390 Smith  
 \*†Wurster F. W. & Co. (Wagon Axles, etc.), 375 Kent av

### Boroughs Manhattan and Bronx.

NEW YORK—\*†Acme Brass Works (Brass Finishers, etc.), 147 Baxter  
 \*†Ahr Henry Son's Iron Works, 444 E 148th  
 \*†Alberger Pump & Condenser Co. (Pumps, Condensers, Engines, Ice Machines & Grey Iron & Brass Castings, etc.), 140 Cedar. Works: Newburgh, N. Y.  
 \*Allen Jno. F. Co., 370 Gerard av  
 \*†Allis-Chalmers Mfg. Co. (See Milwaukee, Wis.)  
 See adv index at end of book  
 \*Allman Gas Engine & Machine Co. (Gas Engines, Ice Breakers, etc.), 461 Canal  
 \*†American Brake Shoe & Foundry Co., 30 Church  
 \*American Brass & Copper Co., 138 Lafayette  
 \*†American Bridge Co., 30 Church  
 \*†American Car & Foundry Co., 165 B'way  
 \*†American Locomotive Co. (Locomotives), 30 Church. Works: Providence, R. I.  
 \*American Malleables Co. (Malleable Iron Castings), 30 Church  
 \*American Meter Co. (Gas Meters & Appliances), 11th av & 47th  
 \*†American Smelting & Refining Co., 120 B'way  
 \*American Wringer Co., 99 Chambers. Works: Auburn, N. Y.  
 \*American Writing Machine Co. (Typewriters), 343 B'way  
 \*Arthur Co. (General Machine Works), 188 Front  
 \*Aue Ferdinand Co., 401 E 91st  
 \*Automatic Sprinkler Co. of Am. (Fire Sprinklers), 123 William  
 \*Automatic Switch Co. (Electric Devices), 4 White  
 \*Ayres Jno. W. & Son, 88 Walker  
 \*†Babcock & Wilcox Co. (Water Tube Boilers & Castings), 85 Liberty  
 \*Ballwood Co. (Welded Pipe, etc.), 30 Church  
 \*Baranowitz M. (Machinist), 218 Centre  
 \*Bassemir John & Son (Brass Finishers), 37 Frankfort  
 \*Bay Gottfried (Millwright), 537 W 50th  
 \*Bayer-Gardner-Himes Co. (Cabinet Hardware, etc.), 101 Park av  
 \*BEACH-RUSS CO. (Vacuum Pumps & Pressure Blowers, etc.), 220 Broadway.  
 See adv index at end of book

\*Bender Ph. J. & Sons (Machinists, Presses, Dies, Tools & Special Machinery), 87 Frankfort  
 \*Benton Mfg. Co. (Registering Machines, etc.), 9 Bethune  
 \*Berggren & Pearson Machine Co. (Model & Experimental Work, Fine Machinery & Tools), 221 Canal  
 \*Blair Tool & Machine Works (Machine Work), 521 Greenwich  
 \*Boettcher Ludwig, 208 E 19th  
 \*Bogue Chas. J. Electric Co. (Dynamometers & Motors), 513 W 29th  
 \*Boucher H. E. Mfg. Co. (Special Machy., etc.), 150 Lafayette  
 \*Boughton C. Frank, 23 Rose  
 \*†Boynton Furnace Co. (Hot Air Furnaces, etc.), 106 W 37th. Works: Jersey City, N. J.  
 \*Braun Jacob G., 537 W. 35th.  
 \*Brinkerhoff's J. P. Sons (Brass Fdrs. & Finishers), 57 Dey  
 \*Bronze Metal Co. (Brass & Bronze Castings, etc.), 30 Church, Works: Meadville, Pa.  
 \*†Brown A. & F. Co. (Power & Rope Transmitting Machinery, Hangers, Pulleys, etc.), 79 Barclay. Works: Elizabethport, N. J.  
 \*Buffalo Brake Beam Co. (Brake Beams), 30 Pine, Works: Buffalo, N. Y.  
 \*Bulasky L. (Hat Machy., etc.), 44 E Houston  
 \*Burns Jabez & Sons (Coffee Roasting Machinery, etc.), 600 W 43d  
 \*†SCAMERON A. S. STEAM PUMP WORKS (Steam Pumps, etc.), 11 Bowling Green bldg  
 See adv index at end of book  
 \*Campbell & Co., 13 Park Row  
 \*†Cassidy & Son Mfg. Co. (Gas Fixtures), 101 Park av  
 \*†Central Foundry Co. (Cast Iron Pipe & Plumbers' Cast Iron Goods, etc.), 90 West  
 \*†Central Iron Works (Iron Fdrs.), 420 E 48th  
 \*†Central Radiator Co. (Radiators), 90 West. Works: Lansdale, Pa.  
 \*†Century Mfg. Co. (Gas Stoves), 453 Canal  
 \*Chattillon Jno. & Sons (Hardware Specialties, Scales, etc.), 85 Cliff  
 \*Columbia Mills (Machine Shop for Own Use), 225 5th av  
 \*Columbia Typewriter Mfg. Co. (Typewriters), 62 Reade  
 \*Colwell Lead Co. (Gas Ranges, Plumbers Brass Goods & Iron & Brass Founders), 437 E 162d  
 \*Connelly Iron Sponge & Governor Co., 227 Fulton  
 \*Consolidated Safety Valve Co., 119 W 40th  
 \*Cook Thos. W. G. (Metal Goods Presses), 83 Walker  
 \*Cory Chas. & Son (Brass Finishers), 286 Spring  
 \*†Cottrell C. B. & Sons Co., 25 Madison sq. N. Works: Westerly, R. I.  
 \*Craddock Edw. S., 226 E 144th  
 \*†Crane Wm. M. Co. (Stoves, Grey Iron Castings, etc.), 16 W 32d. Works: Jersey City, N. J.  
 \*Cunningham Wm. J., 21 Park Row  
 \*Dale Lighting Fixture Co. (Electric Fixtures, etc.), 107 W 13th  
 \*†Deeley Robt. & Co. (Sugar Machinery, etc.), 29 B'way  
 \*Defiance Button Machine Co., 43 W 24th  
 \*De Laval Separator Co. (Creamery Machinery), 165 B'way  
 \*De La Vergne Machine Co. (Ice Machines & Gas & Oil Engines, etc.), ft. E 138th  
 \*†Dempsey Michael J., 548 W 55th  
 \*†Denver Rock Drill Mfg. Co. (Rock Drills, etc.), 30 Church  
 \*Dewes A. Co. (Presses, Dies, etc.), 199 Lafayette  
 \*†Dexter Folder Co. (Paper Folding Machines), 200 5th av  
 \*Donnelly, Blanthorn & Co., 526 W 28th  
 \*Dorman Jno. H. (Tapping Attachments, etc.), 1 Bethune  
 \*Dover Boiler Works, Sales Office, 50 Church (Steel Plate Work of All Kinds), Works: Dover, N. J.  
 See adv index at end of book  
 \*Dowdall Chas. E. (Elevators), 152 W B'way



\*Drescher Louis (Machinist), 207 Centre  
 †Drummond M. J. & Co. (Cast Iron Pipe, etc.), 51 Chambers  
 \*Dubois F. N. & Co. (Plumbers' Brass Goods, etc.), 247 9th av  
 \*Dudgeon Richard (Hydraulic Jacks, Tube Expanders, Presses & Steam Hammers), 24 Columbia  
 \*Duff & Son, 175 Grand  
 \*Dunne Michael F. (Engineer & Machinist), 223 West  
 \*Durbrow & Hearne Mfg. Co. (Duplicate Parts, Machinery, etc.), 12 Wooster  
 \*Edwards & Co. (Electric Appliances), Exterior & 140th  
 \*Eichel Jas., 381 Broome  
 \*Elterich Chas. Co., 177 Grand  
 \*Erlandsen Julius (Mattress Machinery, etc.), 172 Centre  
 \*Ermold Edward Co., 656 Hudson  
 \*Errington F. A. (Machine Tools), 39 Cortlandt  
 \*Federal-Huber Co., 33 W 44th  
 \*†Fiske J. W. Iron Works (Iron & Bronze Fdrs), 80 Park pl  
 \*Ford Thos. P. Co. (Steam Specialties), 407 Broome  
 \*†Fors Benj. Sons (Brass & Iron Fdrs. & Machinists), 513 W 34th  
 \*Frooks Engine Co., 352 1st av  
 \*†Fuchs & Lang Mfg. Co. (Lithographers' Supplies), 119 W 40th, Foundry, Rutherford, N. J.  
 \*Fuller E. C. Co. (Bookbinders' Machinery), 28 Reade  
 \*Fyfe Alex. C. (Machinist), 652 W 44th  
 §Gallagher's James Sons (Brass Fdrs.), 87 Centre  
 \*Gardam Wm. & Son (Drilling Machinery, Taps, Dies, etc.), 114 Park pl  
 \*Gartelmann Herman & Co., 246 Canal  
 \*Garvin Machine Co. (Machine Tools, etc.), 147 Varick  
 \*Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights  
 §General Machine Co., 417 E 156th  
 \*Gitzendanner Muller Co. (Repairs), 15 Vandewater  
 \*Glasgow Iron Works & Supply Co., 28 West  
**SGORHAM CO. ARCH'L BRONZE**  
 (Brass & Bronze Founders), 5th av & 36th  
*See adv index at end of book*  
 \*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings, etc.), 30 E 42d, Works: Depew, N. Y.  
 \*§Gould-Merseureau Co. (Brass Fdrs. & Finishers), 52 W 38th  
 \*Grabo E. O. Machine Works (Brass Working Machinery), 180 Centre  
 §Graf Frank H. Mfg. Co., 322 7th av. (fire place fixtures)  
 \*†Graff Furnace Co. (Stoves, Furnaces, etc.), 105 E 29th  
 §Gramercy Brass & Iron Works (Iron & Brass Fdrs), 615 10th av  
 \*Greenlie-Halliday Co. (Machinists), 499 Water  
 †Grinberg Bros. (Gas & Oil Stoves, etc.), 154 South  
 \*†Griscom-Russell Co. (Coppersmiths, Grey Iron, Brass & Bronze Castings, Forgings, Machinery, etc.), 92 West. *See adv index at end of book*  
 \*Guerin P. E. (Inc.) (Brass & Bronze Goods, etc.), 21 Jane  
 \*Gullberg & Smith (Machinists), 187 Lafayette  
 \*Haiss Geo. Mfg. Co. (Coal Handling Machinery), Rider av & 141st  
 \*Hall Frank A. & Sons (Bedsteads, etc.), 120 Baxter  
 \*Hall Switch & Signal Co. (R. R. Signals), 50 Church, Works: Garwood, N. J.  
 \*Hall's Saml. Sons (Bolts & Wrenches, etc.), 229 W 10th  
 \*Hammond Typewriter Co. (Typewriters), 69th & East River  
 \*Hankin John & Bro. (Heaters & Machinists), 550 W 25th  
 §Harper Thomas (Brass Fdrs.), 204 Lafayette  
 \*Hatch F. E. Co. (Paper Box Machinery), 74 Greene  
 \*†Henry-Bonnard Bronze Co. (Archl. & Ornamental Iron Wks. & Castings), 20 Exchange pl  
 \*Heyman N. H. (Brewers' & Maltsters' Machinery), 438 E 59th

\*Hill's F. J. Sons, 6 Howard  
 \*Himoff Machine Co. (Tobacco Machinery), 50 Church  
 \*Hindle Walter E., 149 Lafayette  
 †Hinkle Iron Co. (Iron Fdrs.), 534 W 56th  
 \*†Hitchings & Co. (Greenhouse Heating Apparatus & Builders), 1170 Broadway, Works: Elizabeth, N.J.  
 \*†Hoe & Co. (Printing Presses), 504 Grand  
 \*Holgan Bros., 9 Baxter  
 \*Holub-Dusha Co. (Marble Hole Cutting Machinery, etc.), 1799 1st av  
 \*Homan J. & E., 435 W Broadway  
 §Hudson Brass Foundry, 352 Pearl  
 \*Hummel C., & Sons, 320 Pearl  
 \*Hvass Chas. & Co. (Machinist & Street Sweeping Machines), 511 E 18th  
 §Hynes & Myers, 458 E 10th  
 \*Ideal Automatic Mfg. Co., 125 Watts  
 \*†Ingersoll-Rand Co. (Air Compressors, Rock Drills, Mining Machy & Pneumatic Tools, etc.), 11 B'way  
 Works: Phillipsburg, N. J., Easton, Pa., Athens, Pa., & Painted Post, N. Y.  
*See adv index at end of book*  
 \*International Motor Co. (Motor Trucks), 64th & West End av  
 \*†International Steam Pump Wks., 115 B'way  
 \*†Jackson Wm. H. Company, 2 W 47th  
 \*§Janusch Mfg. Co. (Fire Place Finishings, Brass Fdry. & Finisher), 496 E 134th  
 \*†Johnson Isaac G. & Co. (Steel Castings & Specialties), Spuyten Duyvil  
 \*†Johnson J. D. Co. (Cast Iron Soil Pipe & Plumbers' Castings), 54 Cliff  
 \*Johnson & Crowley (Printers' Machinists), 182 Centre  
 \*Jordan Bros. (Elec. Machinery), 74 Beekman  
 \*Judelshan Oscar L., 36 E 8th  
 \*Katzenstein Leopold & Co. (Metallic Packing), 358 West  
 §Keil Francis & Son (Builders' Hardware), 401 E 163d  
 \*†Kellogg M. W. Co. (Pipe Welding, Joints, Condensers, etc.), 90 West. Works: Jersey City N. J.  
*See adv index at end of book*  
 \*†Kennedy Valve Mfg. Co., 81 John  
 \*Kennelly Jno. J., 794 10th av  
 \*Keyes Jas. A., 652 Hudson  
 \*Kissinger's Jacob Sons, 75 Fulton  
 \*§Klaber S. & Co. (Bronze Founders), 21 W 39th; Works: Carlstadt, N. J.  
 \*Knickerbocker Machine Works (Drilling Machines, etc.), 161 Perry  
 \*Koberlein Fred'k, 508 W 24th  
 \*Kretsch & Priester, 25 Bleecker  
 \*Kroll Bros., 97 Essex  
 \*Krom Machine Works (Mining Machinery), 170 Broadway. Works: Plainfield, N. J.  
 \*†Lalance & Grosjean Mfg. Co. (Grey Iron Castings, All Consumed by the Company), 299 Broadway. Works: Harrisburg, Pa.  
 \*§Lehnert & Co., 313 E 22d  
 \*Leimau Bros. (Jewelers' Machinery & Tools), 62 John  
 \*Levering & Garrigues Co. (Steel Structural Work), 552 W 23d  
 §Levett Walker M. Co. (Brass, Bronze & Composition Castings), 417 E 23d  
 \*Lewthwaite Geo. A. Co., 116 Walker  
 \*Lewthwaite T. H. Machine Co. (Punching & Shearing Machinery), 411 E 31st  
 \*†LIDGERWOOD MFG. CO. (Hoisting Engines, Coal & Ore Handling, Elevating & Conveying, Pile Driving Machinery, etc.), 96 Liberty  
*See adv index at end of book*  
 \*†Long E. G. Co., 50 Church. Works: Kingston, N.Y.  
 \*†Lord & Burnham Co. (Greenhouse Heating Apparatus & Builders, etc.), 30 E 42d. Works: Irvington, N. Y.  
 \*Lowerator Co., 244 W 23d  
 \*Loyd John Co. (Dies, etc.), 560 Water  
 Lindner & Vradenburgh (Machinists), 239 Centre  
 McAllister Dry Dock & Shipyard Co. (Marine Repairs), 24 State

\*McCabe Hanger Mfg. Co. (Door Hangers, Ball-Bearing Wheels, Dies, etc.), 425 W 25th  
 \*McCabe Jas. J. (Machine Tools), 149 B'way. Works: Jersey City, N. J.  
 §McCauley Frank, 502 W 25th  
 \*§McCoy J. B. & Son (Electric & Gas Fixtures), 114 W 30th  
 \*†McDougall & Potter Co. (Steam Hammers, Punching Machinery, etc.), 606 W 55th  
 \*McKeirnan-Terry Drill Co. (Rock Drills, etc.), Woolworth Building. Works: Dover, N. J.  
 McMillan & Werner (Machinists), 81 Centre  
 \*†McNab & Harlin Mfg. Co. (Iron Brass Fdrs. & Finishers, Plumbing & Steam Specialties, etc.), 55 John. Works: Paterson, N. J.  
 §Magnolia Co. (Anti-Friction Metal, etc.), 115 Bank  
*See adv index at end of book*  
 §Magnus Metal Co., 111 Broadway  
 \*Magor Car Co. (Industrial Cars, etc.), 30 Church, New York. Works: Passaic, N. J.  
 \*§Manhattan Brass Co., 333 E 26th  
 \*Manhattan Electrical Supply Co. (Electrical Supplies, etc.), 17 Park pl. Works: Jersey City, N. J.  
 \*Manhattan Repair & Supply Co., 212 W 101st  
 †Marcy Stove Repair Co. (Stove, Range & Heater Repairs), 74 Beekman. (Foundry: Perth Amboy, N. J.)  
 \*†Marine Mfg. & Supply Co. (Ship Machinery, etc.), 158 South  
 Markels Leonard, 165 William  
 \*§Martin B. M. (Brass Foundry & Finisher), 473 W Broadway  
 \*Mason & Moore, 30 E 4th  
 \*†Mietz August (Gas Engines, etc.), 138 Mott  
 \*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.), 28 Warren. Works: Millers Falls, Mass.  
 \*Milliken Bros. (Iron & Steel Construction), 111 B'way  
 \*Mitchell Co., 621 W 24th  
 \*§Mitchell Vance Co. (Gas & Electric Fixtures), 507 W 24th  
 \*Montanini & Grillo, 155 W Houston  
 \*Moss & Kendall, 550 W 25th  
 \*†Mott J. L. Iron Works (Plumbers' Supplies, etc.), 118 5th av  
 §Mullin Daniel, 520 W 22d  
 \*†Murray Hill Iron Works Co. (Iron Fdrs), 101 W. 25th  
 Nannen Chas. B. & Son, 212 W 101st  
**\*NASON MFG. CO. (Machinists), 71 Fulton** *See adv index at end of book*  
 \*§Nathan Mfg. Co. (Steam Specialties, Brass Founders, etc.), 85 Liberty. Works: 416 E 106th  
 \*†National Enameling & Stamping Co. (Grey Iron Castings, all Consumed by the Company), 411 5th av  
 \*National Meter Co. (Water Meters, Gas Engines, etc.), 84 Chambers  
 \*Naylor & Co. (Power Transmitting Machinery), 120 B'way  
 \*Nelson Tool Co. (Dies, Special Machinery, etc.), 781 E 142d  
 §Nemes B., 652 E 12th  
 \*§Neptune Meter Co. (Water Meters), 50 E 42d. Works: Long Island City, N. Y.  
 \*Nestor Mfg. Co. (Inc.) (Dies, Special Machinery, etc.), 40 W 13th  
 \*†New Jersey Zinc Co. (Iron Castings for the Use of the Company; also Machine Shop for Repairs), 55 Wall  
 \*†New York Air Brake Co. (Air Brakes & R. R. Appliances), 165 Broadway  
 \*§New York Brass Foundry Co. (Brass Fdrs.), 104 Centre  
 \*New York Continental Jewell Filtration Co. (Water Filters, etc.), 15 Broad. Works: Jersey City, N. J.  
 \*New York Novelty Co., 423 Broome  
 †Nichols D. M. Iron Works, 2 Gouverneur pl  
 \*Nielson Anton E., 78 Barclay  
 \*†Niles-Bement-Pond Co. (Machine Tools, etc.), 111 B'way  
 \*Noiseless Typewriter Co. (Typewriters), 253 B'way. Works: Middletown, Conn.  
 \*O'Day P. H. & Son (Marine Works, etc.), 253 South



\*O'Meara J. (Inc.) (Steam Goods), 2 Lispenard  
 \*Ogden J. Edward Co. (Bolts, Nuts, etc.), 147 Cedar  
 \*†Patterson-Allen Engineering Co. (Valves, etc.), 2 Rector. Works: Jersey City, N. J.  
 \*Paul Herman L., 159 E 128th  
 \*Pedersen Lubricator Co. (Tools & Special Machy.), 636 1st av  
 Pierce, Butler & Pierce Mfg. Corp. (Gas Ranges, Plumbers' Brass Goods & Iron & Brass Founders), 437 E 162d  
 \*Pierson U. Bar Co. (Greenhouse Bldrs., etc.), 1 Madison av. Works: Jersey City, N. J.  
 \*Pollard-Alling Mfg. Co. (Addressing & Mailing Machines), 312 E 23d  
 \*Prentiss Vise Co. (Vises, etc.), 110 Lafayette  
 \*Prybail P. Machine Co., 520 W 41st  
 \*Quimby Wm. E. (Pumping Machinery), 548 W 23d  
 \*†Quintard Iron Works Co. (Iron Fdrs. & Machinists), 742 E 12th  
 \*Rail Joint Co. (Rail Joints, etc.), 61 B'way. Works: Troy, N. Y.  
 \*†Railway Steel Spring Co. (Railway Springs, Steel Tired Wheels, etc.), 30 Church  
 \*Ramsaier Gustav Co. (Machinist), 216 William  
 \*Ramsaier Wm. J., 15 Vandewater  
 \*†Raritan Copper Wks.  
 \*Rathbun & Bld Co. (Printers' & Bookbinders' Machinery, etc.), 8 Dutch  
 \*Rathbun & Co., 8 Dutch  
 \*†Reedy Elevator Co., 202 9th av. Works: Hoboken, N. J.  
 \*Rees & Co. (Rider & Erickson Engines), 220 E 86th  
 \*Regina Co. (Music Boxes, Vacuum Cleaners, etc.), 47 W 34th. Works: Rahway, N. J.  
 \*Reid Alexander & Co. (Engineers & Machinists), 165 Charles  
 \*Remacle Louis L., 246 Canal  
 \*Remington Arms-Union Metallic Cartridge Co., 233 Broadway  
 \*†Remington Typewriter Co. (Typewriters), 374 B'way. Works: Ilion, N. Y.  
 \*Revolute Machine Co., 417 E 93d  
 \*Ricardo Geo., 22 Burling Slip  
 \*†Richardson & Boynton Co. (Stoves, Furnaces, Ranges, etc.), 31 W 31st. Works: Dover, N. J.  
 \*†Richmond Radiator Co. (Radiators & Heating Apparatus, Vacuum Cleaners, Enameled Iron Ware, etc.), 1480 B'way. Works: Norwich, Conn.; Uniontown, Pa.; Philadelphia, Pa.; Reading, Pa.  
 \*†Rider-Ericsson Engine Co. (Hot Air Pumping, Engines), 20 Murray  
 \*†**ROBINS CONVEYING BELT CO.** (Conveying & Hoisting Machy.), 13 Park Row  
*See adv index at end of book*  
 \*Rosenbaum Mfg. Co. (Gas Irons, etc.), 33 Bleeker  
 \*†Royal Typewriter Co., 366 B'way. Works: Hartford, Conn.  
 \*Ruf Herman P., 93 Crosby  
 \*Ruhle & Borer (Looms), 517 W 45th  
 \*†Safety Car Heating & Lighting Co. (Car Heating & Lighting Apparatus), 2 Rector  
 \*†Safety Insulated Wire & Cable Co. (Machine Shop for Own Use Only), 114 Liberty. Works: Bayonne, N. J.  
 \*Schlosser Mfg. Co. (Marine & Gasoline Engines), 151 E 126th  
 \*Schmidt Bros., 909 Faile  
 \*Schmidt F. L. Co. (Envelope Machy.), 11th av & 21st  
 \*Schock Gustav & Son, 514 W 57th  
 \*Schoenfeldt Wm., 787 3rd av  
 \*†Scholl Adam, 225 E 138th  
 \*Scott Walter & Co. (Printing Machinery), 1457 B'way. Works: Plainfield, N. J.  
 \*Sharman Bros. (Jobbing), 256 Pearl  
 \*Shaw Electric Crane Co., 119 W 40th. Works: Muskegon, Mich.  
 \*Sier-Bath Co., 143 W 54th  
 \*†Simmons Jno. Co., 110 Centre  
 \*Simon Chas., 34 W 13th  
 \*Simons & Mayer (Iron Railings, etc.), 143 Avenue D

\*Simplex Automobile Co. (Auto Bldrs.) 755 5th av. Works: New Brunswick, N. J.  
 \*†Singer Sewing Machine Co. (Sewing Machines & Special Machy.), 149 B'way. Works: Elizabeth, N. J.  
 \*Sprague Electric Works (Electric Machinery, Hoists, etc.), 527 W 34th  
 \*Staley Elec. Elev. & Mach. Co. (Electric Elevators, etc.), 136 Prince  
 \*†Standard Coupler Co. (Steel Platforms, Car Couplers, etc.), 30 Church. Works: Bridgeport, Conn.  
 \*Standard Iron Works, 508 E 74th  
 \*Standard Plunger Elevator Co., 105 W 40th  
 \*Standard Steam Specialty Co., 542 W B'way  
 \*Star Seal Co. (Bottle Sealing Machines), 55 Wall  
 \*†Steinway & Sons (Piano Plates, etc.), 109 E 14th. Works: Astoria, Borough of Queens, New York City  
 \*Sterling Bronze Co. (Bronze Fdrs. & Gas & Electric Fixtures), 16 E 40th  
 \*Stimmel Samuel, 5 Bedford  
 \*Sullivan Jno. W. Co., 827 E 9th  
 \*Texas Co. (Machine Shop for Own Use Only), 17 Battery pl. Works: Bayonne, N. J.  
 \*†Thatcher Furnace Co. (Hot Air Furnaces, Stoves, etc.), 135 W 35th. Works: Newark, N. J.  
 \*Thayer & Co. (Gear Cases), 111 B'way  
 \*Thompson Hervey (Builders' Iron Work & Machinist), 176 E 119th  
 \*Thomson W. S. (Wood Working Machinery), 418 W 27th  
 \*Thourot Paul, 559 W 36th  
 \*Tiffany & Co. (Jewelers), 37th & Fifth av  
 \*Tight Joint Co. (Tight Joint Fittings), 306 E 47th  
 \*Tirrill Gas Machine Lighting Co., 103 Park av. Works, Newark, N. J.  
 \*†Toop Geo. H. Iron Wks., 9 Canal pl  
 \*Trapp & Kuehnle (Printers' Machinists), 245 Pearl  
 \*†Treadwell M. H. Co. (Cars, Special Machy., Castings, Forgings, etc.), 140 Cedar. Works: Lebanon, Pa.  
 \*†Troy Laundry Machinery Co. (Laundry Machinery), 133 Centre  
 \*†Turl Iron & Car Co. (Sugar Machy., etc.), 50 Broad. Works: Newburg, N. Y.  
 \*Turner Machine Co., 75 Fulton  
 \*Uehling Instrument Co. (Pyrometers, Composimeters, etc.), 71 B'way  
 \*Underwood Typewriter Co., 30 Vesey. Works: Hartford, Conn.  
 \*†Union Stove Works (Stoves, Furnaces, etc.), 70 Beekman. Works: Peekskill, N. Y.  
 \*United States Gauge Co. (Gauges, Valves, etc.), 67 Wall  
 \*†Van Kannel Revolving Door Co., 250 W 54th  
 \*Visigraph Typewriter Co. (Typewriters), 62 Reade  
 \*Wagner Chas., 587 Hudson  
 \*†Warren Foundry & Machine Co., 11 Broadway. Works: Phillipsburg, N. J.  
 \*†Waterman Hy. & Bro. (Gas & Oil Stoves), 195 Lewis  
 \*Watkin M., 35 Pike  
 \*†**WATSON-STILLMAN CO.** (Hydraulic Machinery, etc.), 38 Church. Works: Aldine, N. J.  
*See adv index at end of book*  
 \*Watson's Forge & Mach. Works, 557 W 35th  
 \*Wendland Wm. (Button Machinery), 51 Mercer  
 \*Wenning Jno., 225 E 106th  
 \*†Western Electric Co., 463 West  
 \*Westervelt J. W. & Co. (Special Machinery, etc.), 69 Gold  
 \*†Wheeler Condenser & Engineering Co. (Pumps, Condensers & Sugar Machinery), 149 B'way. Works: Carteret, N. J.  
*See adv index at end of book*  
 \*†White Mfg. Co., 556 W 34th  
 \*Wiebke Machine Co. (Machinist), 135 W 3d  
 \*†Wilfert John Co., 258 B'way  
 \*Wilkins Munroe P., 125 Watts  
 \*†Williams John (Brass & Bronze Founders & Wrought Iron Work), 556 W 27th

\*Winter Louis F., 420 W 27th  
 \*Wolfschlag Joseph A., 263 William  
 \*Worcester Albert, 182 W Houston  
 \*Yaeger & Bolte, 26 Cliff  
 \*†Yale & Towne Mfg. Co. (Builders' Hardware), 9 E 40th. Works: Stamford, Conn.  
 \*Zeldier Wm. A. Co. (Laundry Machinery), 163d & Melrose av  
 \*Zuhr Henry, 204 William

#### Borough of Queens.

ASTORIA—\*Astoria Machine Works, 54 Fulton av  
 \*†Federal Brass & Bronze Co., Ridge  
 \*Meyers Willard F. Machine Co., 614 Hamilton  
 \*Ward & Co., 54 Fulton av  
 GLENDALE STATION—\*V. & O. Press Co. (Presses, Dies, etc.), Dry Harbor rd  
 LONG ISLAND CITY—\*Boyce Alex. R., ft. Front  
 \*†Federal Brass & Bronze Co., Ridge  
 \*†Franklin Brass Foundry (Brass Castings, etc.), Young  
 \*General Vehicle Co. (Electric Auto Trucks), Star av  
 \*Leu F. Co. (Bottlers' Machinery), 231 Vernon av  
 \*Long Island Machine & Marine Construction Co., ft. E. av  
 \*†McGee Jos. Iron & Brass Fdry. Co. (Iron & Brass Fdry.), 51 6th  
 \*Metaline Co. (Gun Metal Bronze Bearings & Bushings, etc.), 4 West av  
 \*†Neptune Meter Co., Crane (See York City City)  
 \*Queens Borough Brass & Bronze Fdry, 184 B'way  
 \*†Rhoades R. W. & Co.  
 \*†Russell Foundry & Machine Wks. (Iron & Brass), 51 6th  
 \*†Steinway & Sons (Piano Plates, etc.)  
 \*Sweeney & Gray (Engineers & Machinists), 81 6th  
 \*†Tiffany Studios, Corona  
 \*Walsh & Allen, 15 Wilbur av  
 \*Wegner Machine Works (Stone Working Machinery), 63 Mills  
 MASPETH—(N. Y. City)—\***MERRILL BROS.** (Mfrs. of Turnbuckles, Drop Forgings, Visers, Presses, Drop Hammers, etc.), 3 Arnold  
*See adv index at end of book*  
 \*†Richey, Browne & Donald (Iron Arch'l & Ornamental Work & Castings), Flushing av  
 RICHMOND HILL—†Richmond Hill Fdry. Co.

#### Borough of Richmond.

PORT RICHMOND — \*Carlson & Russ, 2319 Richmond ter.  
 \*†Staten Island Shipbuilding Co., 3083 Richmond ter.  
 PRINCES BAY—\*†White S. S. Dental Mfg. Co.  
 WEST NEW BRIGHTON—\*†Hunt C. W. Co. (Hoisting Engines, Electric Locomotives, Cableways, Conveyors, etc.)  
*See adv index at end of book*  
 \*McAllister Dry Dock Co. (Marine Repairs) (See New York)  
 \*†McWilliams Frank (Inc.) (Shipbuilders & Dry Dock), Burgher av

#### (End of New York City)

NIAGARA FALLS—\*Carborundum Co. (Carborundum Wheels & Aloxite Grinding)  
 \*†Central Machine Co. (Printing Press Machinery)  
 \*Chisholm-Scott Co. (Pea Hulling Machinery, etc.)  
 \*†Dobbie Foundry & Machine Co. (Hoisting Engines, Cars, Cranes, Hoists & Iron & Brass Castings, etc.)  
 \*†Frontier Brass Foundry  
 \*McGarigle Machine Co. (Miniature Locomotives)  
 \*Morrison J. L. Co. (Wire Stitching Machines, etc.)  
 \*†Niagara Foundry Co.  
 \*Philpott & Leuppie Co. (Machinists)



\*†Ramapo Iron Works (Castings & General Track Equipment). Wks. also Hillburn, N. J.  
 \*U. S. Light & Heat Corp. (Car Heating & Lighting Apparatus)  
**NORTH HARBERSFIELD**—\*†Dayton, Wm. H.  
**NORTH TONAWANDA**—\*†American District Steam Co.  
 \*Buffalo Bolt Co.  
 \*†Buffalo Steam Pump Co. (Steam Pumps, etc.)  
 \*†Herschell, Spillman & Co. (Merry-go-Rounds, etc. & Park Carnival Devices)  
 \*†Miller Foundry & Specialty Co. (Plumbers Brass Goods)  
 \*†Niagara Radiator & Boiler Co. (Radiators & Cast Iron Heating Boilers)  
**NORWICH**—\*†Ireland Machine & Foundry Co.  
 \*Maydole David Hammer Co.  
**NUNDA**—\*Foote C. Mfg. Co. (Concrete Mixers & Gas Engines)  
**NYACK**—\*Ofeldt F. W. & Sons (Gas & Gasoline Engines, etc.)  
**OGDENSBURG**—\*†Dunn Walter E. (Gasoline Engines)  
 \*†Fell Jos. E.  
 \*†Hackett Patrick Hardware Co. (Brass & Iron Founders)  
 \*Newell Mfg. Co.  
 \*Ogdensburg Machine Co. (Machinists)  
 \*Sealey John A. Mfg. Co.  
 \*Silver H. & Son  
**OLEAN**—\*†Abbott D. S. Co. (Saw Mill Machinery, etc.)  
 \*†Carley Heater Co. (Tannery Machinery, etc.)  
 \*†Clark Bros. Co. (Heavy Duty Gas Engines, Saw Mill Machy., etc.)  
 \*†Luther Mfg. Co. (Punching & Shearing Machinery, etc.)  
 \*†Myrick Machine Co. (Gas Engines, etc.)  
**ONEIDA**—†Cheney S. & Son  
 \*Coles Tool & Machine Co.  
 \*Mohawk Valley Mfg. Co. (Carriage & Auto Hardware, etc.)  
 \*Oneida National Chuck Co. (Drill & Lathe Chucks)  
 \*Westcott Chuck Co. (Drill & Lathe Chucks)  
**ONEONTA**—\*Gorham H. E. (Machinist)  
 \*†Titchener-Culver Iron Works  
**ORANGEBURG**—\*Fibre Conduit Co. (Air Tools, etc.)  
**ORISKANY**—†Oriskany Malleable Iron Co., (Ltd.) (Malleable Iron Castings)  
**ORWELL**—\*†Olmstead A. E.  
**OSSINING**—\*†Ingersoll-Rand Co. (See New York City)  
 \*Kipp Engine Works  
**OSWEGO**—\*†Ames Iron Works (Engines & Boilers)  
 \*Baker Benjamin (Machinist)  
 \*Hessler Foundry & Mfg. Co. (Iron Castings)  
 \*†Kingsford Foundry & Machine Works (Steam Engines, etc.)  
 \*Kitts Mfg. Co. (Steam Specialties, etc.)  
 Kitts Steam Specialty Co.  
 †Oil Well Supply Co. (See Pittsburg, Pa.)  
 \*Oswego Machine Works (Niel Gray Jr., Prop.) (Paper Cutting Machines, etc.)  
 \*Oswego Tool Co. (Dies, Tools, etc.)  
 \*Railway Steel Spring Co. (See New York City)  
 †Sawyer W. F. & Son  
**OWEGO**—\*Champion Wagon Co. (Grain Drills, etc.)  
 \*Stevens Norton A. (Machinist)  
**PAINTED POST**—\*†Ingersoll-Rand Co. (See New York)  
 \*Townsend Fred J. (Wire Stretchers)  
 \*Warns Wm. H.  
**PALMYRA**—\*†Peerless Printing Press Co.  
**PATCHOGUE**—\*Roe Justus & Sons (Rowler Awning Fixtures, Tape Measures, etc.)  
**PEARL RIVER**—\*Braunsdorf John H. (Printing Presses)  
**PEEKSKILL**—†Mohegan Stove Co.  
 \*†Naylor Bros.  
 †Southard - Robertson Co. (Stoves, Ranges, Furnaces, etc.)  
 †Union Stove Works (Stoves, Furnaces, etc.) (See New York City)  
**PENN YAN**—†Commercial Iron Works Co.  
**PHELPS**—\*†Collins Iron Works  
 \*†Crown Mfg. Co. (Grain Drills, etc.)

**PHILMONT**—\*American Raveller Co.  
**PHOENIX**—\*Scusa Lino  
**PIFFARD**—\*Shattuck T. N.  
**PLATTSBURG**—\*†Lozier Motor Co.  
 \*†Plattsburg Foundry & Machine Co.  
 \*Williams Mfg. Co. Ltd. (Typewriters)  
**PORT CHESTER**—\*†Abendroth Bros. (Cast Iron Pipe, Stoves, Furnaces)  
 \*Port Chester Machine Works  
 \*Russell, Burdsall & Ward Bolt & Nut Co. (Bolts, Nuts, Screws, etc.)  
**PORT JERVIS**—\*Jennings & Griffin Mfg. Co. (Tools)  
 †Swinton & Co. (Fdrs. & Hardware)  
**POTSDAM**—Leete Chas. H.  
**POUGHKEEPSIE**—\*†De Laval Separator Co. (Dairy Implements, etc.)  
 \*†Dutchess Foundry Co.  
 F. I. A. T. (Inc.) (Auto Builders)  
 \*Hart Frederick & Co. (Build and Develop All Kinds of Inventions and Special Machinery)  
 \*†Hudson River Foundry Co.  
 \*†Lane Bros. Co. (Door Hangers & Hardware Specialties)  
 \*†Moline Plow Co. (Adriance Platt branch)  
 \*†Poughkeepsie Foundry & Machine Co.  
 \*Schatz Mfg. Co. (Punching & Shearing Machinery, etc.)  
 \*Sedgwick Machine Works  
 \*Standard Machine Key Mfg. Co.  
 \*Tiffany Machine Shop  
**RAMAPO**—\*†Ramapo Foundry & Wheel Works (Car Wheels & Castings of All Descriptions)  
**RANDOLPH**—\*†Pike F. H. (Foundry & Machinist)  
**RAVENA**—\*†Ravena Iron Co.  
**RICHFORD**—\*Hilts Wrench & Mfg. Co. (Car Movers, Pipe Wrenches, etc.)  
**RIPLEY**—\*Huntington Alfred  
**ROCHESTER**—\*†American Laundry Machinery Co. (Laundry Machinery). (See Cincinnati, O.)  
 \*†American Woodworking Machinery Co. (Woodworking Machinery)  
 \*†Anstice Josiah & Co. (Hardware Specialties)  
 \*Ashley Machine Works  
 \*Atkinson Co. (Plumbers' Brass Goods & Brass Compo Castings)  
 \*Atlantic Stamping Co. (Tinware Mfrs.)  
 \*Auburn Ball Bearing Co. (Ball Bearings, etc.)  
 \*Bausch & Lomb Optical Co. (Scientific Instruments, etc.)  
 Baxendale, Whittlesey & Cummings  
 \*Beers Bros.  
 \*Booth Bros. Co. (Shoe Machinery)  
 \*Bourne Jno. R. (Dies, etc.)  
 \*Boutell Mfg. Co. (Apple Evaporating Machinery)  
 \*Bridgeford Machine Tool Works (Axle Turning & Engine Lathes), See adv index at end of book  
 \*Clark Novelty Co. (Metal Specialties)  
 \*Cochrane-Bly Co. (Cold Saw Cutting-off Machines, etc.)  
 †Co-operative Foundry Co. (Stoves, etc.)  
 \*†Cornell & Dengler Machine Co. (Woodworking Machinery)  
 †Crescent Foundry Co.  
 \*Davis Machine Tool Co. (Machine Tools, etc.)  
 \*Defiance Checkwriter Corp. (Check Protectors)  
 \*Economy Gas Machine Co. (Gas Engines)  
 \*Eisler Mfg. Co. (Special Machinery)  
 \*†Enterprise Foundry Co. (Hot Air Furnaces & Iron & Composition Castings)  
 \*Erdle Perforating Co. (Machine Tools, Perforated Metals, etc.), 181 York See adv index at end of book  
 †Erie Foundry Co. (Iron Fdrs.)  
 \*Funck Philip Corp.  
 †Galusha Stove Co. (Stoves, Ranges & Furnaces)  
 \*General Railway Signal Co. (Railway Signals, etc.)  
 \*Genesee Plating Works  
 \*†Gleason Works (Iron Fdrs., Gears, Gear Planers, etc.), 2000 University av  
 \*Goette Rudolph F. A.  
 \*Heughes F. L. & Co. (Builders' Iron Work & Castings)  
 \*Huther Bros. Saw Mfg. Co. (Saws, Cutters, etc.)  
 Ingle Machine Co., 371 St. Paul

\*†Judson Governor Co. (Steam Engine Governors)  
 \*Judson Pin Co.  
 \*Klip-Klip Co. (Nail Clippers)  
 \*Knowlton M. D. Co. (Paper Box Machinery), 26 Elizabeth  
 \*Kohlmetz Chas. E.  
 \*Kohlmetz H. L.  
 \*Long Adam A. (Special Machinery, Tools & Dies)  
 \*Luitwieler Pumping Engine Co. (Pumping Engines)  
 \*Mack & Co. (Edge Tools, Machine Knives)  
 \*Morgan Machine Co. (Boxmakers' Machinery, etc.)  
 \*Mutschler A. & H. G. (Elevator Motors, etc.), 77 N Water  
 \*National Brass Mfg. Co. (Brass Cocks, Valves, Trolley Wheels & Harps, etc.)  
 \*†National Car Wheel Co. (See Pittsburg, Pa.)  
 North West Aluminum & Brass Fdry.  
 \*Otis Machine Works (Special Machinery, Tools & Dies), 191 Mill  
 \*Parry Samuel R. (Paper Box Machinery)  
 \*Patric Milan W. (Machinists, Punches, Dies, etc.)  
 \*†Pullman Mfg. Co. (Hardware Specialties, etc.)  
 \*Ricker Mfg. Co.  
 \*Ritter Dental Mfg. Co. (Dental Specialties, etc.)  
 \*Rochester Barrel Machine Works  
 \*Rochester Machine Screw Co.  
 \*Rochester Motors Co. (Engines, Motors, etc.)  
 \*Rochester Radiator Co.  
 \*Ryede Specialty Works (Vending Machines & Metal Specialties)  
 \*Sargent & Greenleaf Co. (Bank & Safe Locks, etc.)  
 \*Selden Motor Vehicle Co.  
 \*†Sill Stove Works (Stoves, etc.)  
 \*Sohn Daniel Machine Co.  
 \*Stein Wm. P. & Co. (Surface Grinders, dies, etc.)  
 \*†Symington T. H. Co. (R. R. Specialties, etc.)  
 \*Taylor Instrument Co.'s (Barometers, Hydrometers, etc.)  
 See adv index at end of book  
 \*Taylor-Shantz Co. (Special Machy)  
 \*Todd Protectorgraph Co. (Check Protectors)  
 \*Trebert H. L. F. Engine Works  
 Vacuum Oil Co. (Machine Shop for Their Own Use)  
 \*Weidner C. A. Co.  
 \*Werner John & Sons (Confectionery Machinery)  
 \*West Tire Setter Co. (Tire Setters, Banding Presses, etc.)  
 \*Willsea Works (Special Machinery)  
 \*Wilson W. A. Machine Co. (Machine Tools, etc.), 217 N Water  
 \*Wray Henry & Son (Brass Founders)  
 \*Yawman & Erbe Mfg. Co. (Metal Furniture)  
 Zunner Machine Co.  
**ROME**—\*†Adams S. & Son  
 \*Doyle W. J. (Light Machinery, Brass & Aluminum Castings, etc.)  
 \*Harris C. S. Co. (Power Hoisting & Carrying Machines)  
 \*Noonan A. S. Tool and Machine Works. (Auto & Bicycle Tools, etc.)  
 \*Rome Brass & Copper Co.  
 \*†Rome Locomotive & Machine Works  
 \*†Rome Metallic Bedstead Co.  
 \*†Rome-Turney Radiator Co. (Radiators, etc.)  
**ST. JOHNSVILLE**—\*Clark Machine Co. (Grain Threshers, etc.)  
**SALAMANCA**—\*†Salamanca Engine-Iron Co. (Engines & Grey Iron Cast'gs)  
**SARATOGA SPRINGS**—\*†Shevlin Geo. F. Mfg. Co. (Paper & Pulp Mill Machinery, Grey Iron Castings, etc.)  
**SCHENECTADY**—\*†American Locomotive Co. (Locomotives). (See New York City)  
 Brown B. F. Gas Engine Co. (Gasoline Engines)  
 \*†GENERAL ELECTRIC CO. (Electric Generators & Machinery). See adv index at end of book  
 \*Kehoe C. C.  
 \*†Westinghouse Co. (Agrl. Implements, Threshers, Stackers, etc.)



SENECA FALLS—\*Davis E. C. & Co. (Plumbing Specialties)  
 \*†§Goulds Mfg. Co. (Pumps, etc.), 71 W Fall  
*See adv index at end of book*  
 \*Knight H. W. & Son  
 \*†§Rumsey Pump Co. (Ltd.) (Steam Pumps, Fire Engines, etc. Box J.  
*See adv index at end of book*  
 \*†§Seneca Falls Mfg. Co. (Foot Power Machinery, etc.)  
 SHORTSVILLE—\*Papec Machine Co. (Feed Cutters, Cream Separators, etc.)  
 \*Star Seeder Co. (Agrl. Impls.)  
 SIDNEY—\*Lakin Bruce (Machinist)  
 SILVER CREEK—\*†§Howes S. Co. (Grain, Coffee and Rice Cleaning Machinery, etc.)  
 \*†Huntley Mfg. Co. (Grain, Rice & Coffee Cleaning Machinery, etc.)  
 \*†Invincible Grain Cleaner Co. (Flour Mill & Grain Cleaning Machinery, etc.)  
 SODUS POINT—\*†Seely D. W.  
 SOLVAY—\*Pass & Seymour (Electric Specialties)  
 SPRINGVILLE—Smith & Smith  
 STOCKPORT—\*Philip Rossman  
 SYRACUSE—\*Ames Iron Works (Engines, etc.)  
 \*Barber Bros. (Steam & Gasoline Engines)  
 \*†§BOOMER & BOSCHERT PRESS CO. (Presses, etc.), 379 W Water  
*See adv index at end of book*  
 \*†Bradley C. C. & Son (Power Hammers, etc.)  
 \*Brennan Motor Mfg. Co. (Gasoline Engines)  
 \*Brown-Lipe-Chapin Co. (Auto Gears, etc.)  
 \*Brown-Lipe Gear Co. (Auto Gears, etc.)  
 \*§Caldwell E. R. & Son Brass Co.  
 Caldwell & Ward Brass Co.  
 \*Central City Bolt Co. (Door Hangers, Bolts, Nuts, etc.)  
 \*Chase Motor Truck Co. (Auto Truck Builders)  
 \*Continental Can Co.  
 \*Crouse-Hinds Co. (Electrical Specialties)  
 \*Doyle & Devereaux, Industrial Bldg.  
 \*†Dunning W. D. (Plaster Mixers & Pulleys & Castings)  
 \*§Edwards O. M. Co. (Hardware Specialties, etc.)  
 †Empire Foundry Co.  
 \*†Engelberg Huller Co. (Rice & Coffee Machinery, Grey Iron Castings)  
 \*†§FRANKLIN MFG. CO. (Special Alloy Castings), Magnolia  
*See adv index at end of book*  
 \*†§Frazer & Jones Co. (Harness, Hardware & Malleable Iron Castings)  
 \*Gale O. Milton (Tools, Special Machinery, Gears, etc.)  
 †§Globe Malleable Iron & Steel Co. Malleable Iron & Vanadis Annealed Steel Castings), 101 Greenway av  
 \*Houser Elevator Co. (Elevators)  
 \*Kane & Roach (Carriage Builders' Machinery)  
 †Landers W. H. Co. (Stoves, Furnaces, Ranges, etc.)  
 \*Leighton H. J. (Marine Gasoline Engines)  
 \*Lipe Chas. E. (Dies, Tools & Special Machinery)  
 \*Llewellyn & Doyle, Pearl & Hickory  
 §McVey Hugh (Brass Founders)  
 \*New Process Gear Corp'n. (Cut Gears, etc.)  
 \*§Oberdorfer M. L. Brass Co. (Brass Founders), 810 E Water  
 \*Onondaga Brass Co. (Brass, Bronze & Aluminum Castings)  
 \*†Pneumelectric Machine Co. (Coal Mining Machinery, etc.)  
 \*Porter-Cable Machine Co. (Lathes, etc.)  
 \*Railway Roller Bearing Co. (Roller Bearing Journal Boxes, etc.)  
*See adv index at end of book*  
 †Reddin Iron Works (Iron Founders)  
 §Senk J & W (Brass Founders)  
 \*Shaw Coupling Co. (Power Transmission Appliances, etc.)  
 \*Smith L. C. & Bro. Typewriter Co. (Typewriters)  
 \*†Smith Work-Remington Typewriter Co. (Typewriters)

\*†Smith & Caffrey Co. (Grey Iron Castings & Ornamental Iron Wk.)  
 \*†§Stearns E. C. & Co. (Grey Iron Castings, Hardware Specialties, etc.)  
 \*†Straight Line Engine Co. (Grey Iron Castings, Loam or Green Sand to 20,000 lbs.)  
 \*Syracuse Bridge Co.  
 \*†Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, etc.)  
 \*§Syracuse Faucet & Valve Co. (Brass Founders, Finishers & Plumbers' Brass Goods)  
 \*Syracuse Heater Co. (Heating Apparatus)  
 \*†Syracuse Malleable Iron Works (Refined Air Furnace & Iron Castings)  
 \*Syracuse Safe Co. (Safes, etc.)  
 \*Syracuse Twist Drill Co. (Twist Drills, etc), Borden av  
*See adv index at end of book*  
 \*U. S. Hofmann Co. (Cloth Pressing Machines)  
 \*§Walker Bros. Co. (Dies, Tools, Special Machinery, etc.)  
 \*Westinghouse Electric & Mfg. Co., University (See Pittsburgh, Pa.)  
 \*Wonder Mfg. Co. (Gasoline Engines)  
 THERESA—\*†§Wakefield Jas. W.  
 THROOPSVILLE—Meyer & Co. (Iron Nuts, Axle Collars, etc.)  
 TICONDEROGA—\*†§Ticonderoga Machine Works (Paper Mill & Mining Machy.)  
 TONAWANDA—\*American Engine & Boiler Works (Engines, Boilers, etc.)  
 \*†§Gillie Machine Co. (Brass & Iron Foundry, Deck Engines, etc.)  
 TROY—\*Adams Laundry Machinery Co. (Laundry Machinery)  
 \*American Blower Co. (See Detroit, Mich.)  
 \*†Bascom & Co. (Stove Patterns, etc.)  
 \*Brown E. H. Mfg. Co.  
 †Burdett, Smith & Co. (Stoves)  
 \*†Carr J. B. Co. (Chains, etc.)  
 \*Covert Mfg. Co. (Hardware Specialties)  
 \*†Fuller & Warren Co. (Stoves & Heating Apparatus)  
 †Gold Coin Stove Co. (Stoves)  
 \*Gormley Robt. W. & Co. (Textile Machinery, etc.)  
 \*§Gurley W. & L. E. (Surveying Instruments, etc.)  
 \*Hammett H. G. (Railroad Specialties, etc.)  
 \*Hislop James W. (Iron Founders)  
 \*Interstate Machinery Co. (Paper Box & Laundry Machinery)  
 \*Knowlson & Kelley  
 \*†Ludlow Valve Mfg. Co. (Iron & Brass Founders, Valves, Fire Hydrants & Water Works Supplies), ft. of Adams  
 \*†Mahony Mfg. Co. (Iron Founders, Builders' Iron Work, etc.)  
 §Meneely Bell Co. (Bell Founders, etc.)  
 \*Micrometer Balance Scale Co.  
 \*Morey Alex. W. (Machinist)  
 †Neemes Bros. (Machinery Castings, Shaking Grates, etc.)  
 \*†Phillips & Clark Stove Co. (Stoves). (See Geneva, N. Y.)  
 \*Rail Joint Co. (See New York)  
 \*†§Rensselaer Valve Co. (For Own Use Only) (Iron Founders, Valves, Fire Hydrants & Waterworks Supplies)  
 †Reynolds Geo. W. H. Fdry. Co. (Grey Iron Fdrs., etc.)  
 \*§Ross Valve Mfg. Co. (Valves, Fire Hydrants) 9 Oakwood av.  
*See adv index at end of book*  
 \*†Taylor Electric Truck Co. (Electric Car Trucks, etc.)  
 \*Tolhurst Mach. Works (Hydro Extractors, Laundry Machinery, etc.)  
 \*Tompkins Bros. Co. (Textile Machinery)  
 \*Troy File Works (Files, etc.)  
 \*Troy Laundry  
 †Troy Malleable Iron Works of Eastern Malleable Iron Co. (All Kinds of Malleable Iron Castings)  
 \*†West Side Foundry Co. (Grey Iron Castings, etc.)  
 \*†West Side Structural Co. (Structural & Ornamental Iron Work, etc.)  
 §Wheeler Bros. Brass Foundry (Brass & Bronze Castings)

TRUMANSBURG—\*†Almy & Son (Rollers, Plows, etc.)  
 UTICA—§Blasier-Sanborn Mfg. Co.  
 \*Divine Bros. Co. (Buffing & Polishing Wheels, etc.)  
 \*†Eureka Mower Co. (Agrl. Impls., etc.)  
 \*Firsching Jos. (Textile Machinery)  
 \*Fisher Knitting Machine Co. (Textile Machinery)  
 \*†§Foster Bros. Mfg. Co. (Iron Beds, etc.)  
 \*†Giblin & Co. (Stoves, Furnaces, etc.)  
 \*†Hart & Crouse Co. (Heating Apparatus, Hot Air Furnaces, etc.)  
 Hasselbart-Whiton Co.  
 \*†International Heater Co. (Heating Apparatus, etc.)  
 \*Jones Frank L. (Cheese Factory & Creamery Machy. & Supplies)  
 §Merriam F. M.  
 \*†Munson Mill Machinery Co. (Flour, Corn & Feed Mill)  
 \*Northern Tool Co. (Valves, Gauges, etc.)  
 \*†§Parry W. B. & Sons  
 \*Savage Arms Corp. (Fire Arms, etc.)  
 \*Schrier Walter (Machinists & Elevators)  
 \*Standard Brass Mfg. Co. (Plumbers' Brass Goods)  
 \*Steber Machine Co. (Knitting Machinery)  
 §Utica Brass Works (Brass Founders)  
 \*Utica Drop Forge & Tool Co. (Forgings, Hardware & Specialties, etc.)  
 \*Utica Fire Alarm Telegraph Co.  
 \*†Utica Heater Co. (Heaters & Furnaces)  
 \*†Utica Steam Engine & Boiler Works (Engines, Boilers & Machinery)  
 §Utica Valve & Fixture Co.  
 VERNON—\*†Pohl Geo. D. Mfg. Co. (Gasoline Engines, etc.)  
 VOORHEESVILLE — †Bloomingdale F. (Iron Fdry.)  
 \*†§Phoenix Foundry Co.  
 WALTON—Walton Foundry Co.  
 WARSAW—\*†§Warsaw Elevator Co.  
*See adv index at end of book*  
 \*†§Warsaw-Wilkinson Co. (Ensilage Cutters, etc.)  
 WARWICK—\*Richardson H. W. & Son  
 WATERFORD — \*†§Eddy Valve Co. (Valves, Fire Hydrants, etc.)  
 \*Miller H. C. (Collar & Cuff Machines)  
 \*Parker A. A. (Pumps, etc.)  
 WATERTOWN—\*Babcock H. H. Co. (Auto Cars)  
 \*†§Bagley & Sewall Co. (Iron Fdrs. & Paper & Pulp Machy.)  
 §Bragger J. J.  
 \*Harmon C. A. & Son  
 \*†Harmon Machine Co.  
 \*†Lance Geo. A.  
 \*Lawrence & Hill  
 \*†Massey Machine Co. (Steam Engine & Turbine Governors)  
 \*†§New York Air Brake Co. (Air Brakes & R. R. Appliances) (See New York City)  
 \*Stebbins Eng. & Mfg. Co. (Mill Machinery)  
 \*Watertown Specialty Co. (Cocks, Valves, etc.)  
 \*§Wise J. B. Inc. (Plumbers' Goods, etc.)  
 WATERVILLE—\*Daniels Samuel A.  
 \*†Waterville Fdry. & Mfg. Co. (Paint Grinding & Mixing Machy.)  
 WATERVLIET—†Covert Mfg. Co. (See Troy, N. Y.)  
 §Meneely Geo. R. & Son (Car Bearings)  
 \*§Meneely & Co. (Bell Fdrs.)  
 \*Standard Meter Co. (Water Meters, etc.)  
 WEBSTER—\*Jennings E. M.  
 WEEDSPORT—\*Burritt O. W. & Bro. (Machine Tools, etc.)  
 WELLSVILLE—\*†§Clark & Norton Mfg. Co. (Engines, etc.)  
 \*Kerr Turbine Co. (Steam Turbines)  
 \*†§McEwen Bros. (Inc.)  
 WESTMORELAND—†Westmoreland Malleable Iron Co. (Ltd.)  
 WILLIAMSON—\*Fuller & Cooper (Spraying Machines, etc.)  
 YONKERS—\*†§Allen David E. (Iron Fdry.)  
 \*Danner Adam Co. (Machinist)  
 \*Morris Thos. Jr. (Est. of) (Machinist)



\*†§Otis Elevator Co. (See New York City)  
 \*†Saunders' D. Sons (Inc.) (Pipe Cutting & Threading Machines)  
 \*Skinner & Connolly (Machinists)  
 YOUNGSTOWN—\*†Ripson Wm. & Son (Iron Fdrs. & Plows, Cultivators, etc.)

## NORTH CAROLINA.

ABERDEEN—\*†§Hurley W. S.  
 \*†Sharp T. M.  
 ASHBORO—\*†Ashboro Wheelbarrow Co.  
 ASHEVILLE—\*†§Asheville Supply & Fdry Co.  
 AURORA—\*Cherry Implement Co. (Ag'l Implements)  
 BURLINGTON—\*†Cates Machine Work (Dye Machy., Castings, etc.)  
 CARDENAS—\*Wake Machine Works  
 CHARLOTTE—\*†Charlotte Pipe & Foundry Co. (Cast Iron Pipe, etc.)  
 \*†Cole Mfg. Co. (Cotton Planters)  
 \*†Jarrell W. G. Machine Co.  
 \*†§Liddell Co. (Cotton Ginning Machines, Steam Engines, etc.)  
 \*§Mecklenburg Iron Works (Saw Mill & Mining Machinery, etc.)  
 \*†§Moffatt Machinery Mfg. Co. (Pumps, Elevators, etc.)  
 \*†§Park Mfg. Co. (Belt & Power Elevators, etc.)  
 \*Whitted T. B.  
 CONCORD—\*†§Concord Foundry & Machine Works Co.  
 DUNN—\*†§McKay J. A. Mfg. Co. (Machinists & Iron & Brass Castings of All Kinds)  
 DURHAM—\*†§Durham Iron Works Co.  
 \*†§Kerr J. T.  
 \*†§North Side Foundry Co.  
 ELIZABETH CITY—\*†§Elizabeth City Iron Works & Supply Co.  
 FAYETTEVILLE—\*†§Carolina Machine Co.  
 GOLDSBORO—\*†§Dewey Bros. (Iron Fdrs, etc.)  
 \*†Wayne Agricultural Works (Plows, etc.)  
 GREENSBORO—\*Clymer L. M.  
 \*†Cook-Lewis Foundry Co.  
 \*†Glascock Stove & Mfg. Co. (Stoves & Hollow Ware, Plow Castings, Special Machinery, etc.)  
 \*Newman Machine Co. (Woodworking Machinery, etc.)  
 \*†§Sergeant Mfg. Co. (Fdrs. & Machinists & Ag'l Impls.)  
 \*Wyson & Miles Co. (Woodworking Machines)  
 GREENVILLE—\*Humber R. L. Machine Works  
 HICKORY—\*†§Latta-Martin Pump Co. (Pneumatic Pumps)  
 \*†Piedmont Fdry. & Machine Works  
 HIGHPOINT—\*†High Point Metallic Bed Co.  
 JACKSON—\*Moore John E.  
 LAURINBURG—\*Blue Jno. (Machinist)  
 LEXINGTON—\*†§Thompson's C. M. Sons  
 MARION—\*†§Pangle L. A.  
 NEWBERN—\*†§Craven Foundry & Machinery Co.  
 \*†§Newbern Iron Works & Supply Co.  
 PINETOWN—\*†§Parker Surry (Hoisting Engines, Logging Machines)  
 RALEIGH—\*†§Gill J. H. (Iron Fdry.)  
 \*†§Raleigh Iron Works Co.  
 ROCKY MOUNT—\*Rocky Mount Machine Works Co.  
 SALISBURY—\*†§Thompson P. H.  
 SANFORD—\*†§Moffitt Iron Works Co. (Engines, etc.)  
 SHELBY—\*†§Shelby Foundry & Machine Shop  
 SMITHFIELD—\*†§Smithfield Garage & Machine Co.  
 STATESVILLE—\*†§Steele J. C. & Sons (Brick Machy., etc.)  
 WAKE FOREST—\*†Wake Forest Foundry Co. (Plows, Castings, etc.)  
 WANANISH—\*Council Tool Co. (Tools, etc.)  
 WILMINGTON—\*†Cape Fear Machine Works  
 \*†§Wilmington Iron Works  
 WINSTON SALEM—\*†§Briggs-Schaffner & Co.  
 \*†§Carolina Foundry & Machine Co.  
 \*†Forsyth Iron Bed Co.  
 †Reynolds R. J. Tobacco Co.  
 \*†§Salem Iron Works (Engines, Saw Mills, Coffee & Rice Plantation Machinery, etc.)  
 \*†§Vance J. A. & Co. (Fdrs. & Machinists, Woodworking Machinery, etc.)

## NORTH DAKOTA.

CANDO—\*†Cando Implement Co. (Agrl. Implements)  
 FARGO—\*†Fargo Bridge & Iron Co.  
 \*†§Fargo Foundry Co. (Gasoline Engines, Light & Heavy Castings)  
 GRAND FORKS—\*†§Grand Forks Foundry & Machine Co.  
 PARK RIVER—\*Holland Sam'l  
 WAHPETON—\*†§Richter J. F.

## OHIO.

ADDYSTON—\*†U. S. Cast Iron Pipe & Fdry. Co. (See New York City)  
 AKRON—\*†Adamson Machine Co. (Rubber Machinery, etc.)  
 \*Akron Cultivator Co. (Agrl. Impls., Cultivators, etc.)  
 \*†Akron Foundry Co. (Machy. Castings, etc.)  
 \*Akron Gear & Engineering Co. (Cut Gears, etc.)  
 \*Akron Rubber Mold & Machine Co. (Rubber Molds, etc.)  
 \*Akron-Selle Co. (Wagon Gears)  
 †Akron Steel Casting Co.  
 †Atlantic Foundry Co. (Rubber Mfg Machinery)  
 \*B. & M. Machine Co.  
 \*Bridgewater Machine Co.  
 \*Budd H. T. (Dies, etc.)  
 \*Burger Iron Co. (Bldrs. Steel Work)  
 \*Burt Mfg. Co. (Oil Filters, etc.)  
 †City Brass Foundry  
 \*Die Sinking & Machine Co.  
 \*Enterprise Mfg. Co. (Metal Specialties & Fishing Tackle, etc.)  
 \*Garl Electric Co. (Annunciators & Telephones & Apparatus)  
 \*Geib E. L. Machine Co.  
 †Imperial Electric Co. (Dynamos, Generators, etc.)  
 \*Kile Mfg. Co. (Sucker Rods)  
 †Knapp John & Sons  
 \*Kuhke M. D. (Steam Engine Governors)  
 \*†May-Fieberger Co. (Hot Air Furnaces)  
 \*Nitz & Darkow  
 \*Ornamental Iron Works Co.  
 \*Sackman Mfg. Co. (Inc.) (Steel Stamps, Stencils & Seals)  
 \*South End Machine Co.  
 \*†Star Drilling Machine Co. (Well Drilling Machinery, etc.)  
 †Summit Foundry Co.  
 \*†§Taplin-Rice-Clerkin Co. (Stoves, Furnaces, Clay Working Machinery, etc.)  
 \*Wadsworth Core Machine & Equipment Co.  
 \*§Wellman Bronze Co.  
 \*†§Wellman-Seaver-Morgan Co.  
 \*Whitman & Barnes Mfg. Co., Twist Drills, Wrenches, etc.)  
 \*†Williams Foundry & Machine Co. of Ohio (Pottery & Rubber Machy., Friction Clutches, etc.)  
 \*†Wise Furnace Co. (Hot Air Furnaces, etc.)  
 †Wybel Stove & Chandelier Co. (Gas Stoves)  
 \*†XXth Century Heating & Vent. Co. (Steam Heaters & Hot Air Furnaces)  
 ALLIANCE—\*Alliance Brass & Bronze Co. (Brass Founders)  
 \*Alliance Machine Co. (Cranes, Riveters, Punches, Steam Hammers, Presses, Shears & Rolling Mill Machy.)  
 \*†American Steel Foundries Co. (Open Hearth Castings) (See Chicago, Ill.)  
 \*Bottomley Machine Co. (Jacks, etc.)  
 \*Buckeye Jack Mfg. Co. (Lifting Jacks, etc.)  
 \*†§MORGAN ENGINEERING CO. (Cranes, Steam Hammers & Hydraulic & Rolling Mill Machy.)  
 See adv index at end of book  
 \*Reeves Bros. Co. (Boilers, Tanks, etc.)  
 \*Woods Engineering Co. (Tool Grinders, etc.)  
 ARCANUM—Bluebaugh W. F. (Jobbing)  
 ASHLAND—\*†Botdorf S. & Bro.  
 \*Elite Mfg. Co. (Concrete Mixers, Auto Jacks, etc.)  
 \*Hunter Jas. S.  
 †Myers F. E. & Bro. (Pumps & Agrl. Impls, etc.), 800 Orange  
 See adv index at end of book  
 \*Safety Door Hanger Co. (Door Hangers)

ASHTABULA—\*†American Fork & Hoe Co. (See Cleveland, O.)  
 \*†§Barber Mfg. Co. (Furnaces, Hdwr. & Plumbers' Specialties & Iron Fdrs., etc.)  
 \*†McKinnon Iron Works Co.  
 \*†§Phoenix Foundry & Machine Co.  
 ATHENS—\*†§Athens Foundry & Machine Co.  
 \*McBee Binder Co. (Loose Leaf Binders)  
 AVERY—\*Hoover Mfg. Co. (Potato Diggers, etc.)  
 BARBERTON—\*†§Babcock & Wilcox Co. (Water Tube Boilers & Castings) (See New York City)  
 \*†§Diamond Match Co.  
 \*†§Pittsburgh Valve & Fittings Co. (Valves, Pipe Fittings & Iron & Brass Castings)  
 BARNESVILLE—\*Hall Geo. D.  
 \*†§Watt Mining Car Wheel Co. (Mine Cars & Wheels, etc.)  
 BATAVIA—\*†Batavia Foundry Co.  
 \*Carroll Jamieson Machine Tool Co. (Engine Lathes)  
 BEDFORD—\*†Best Foundry Co.  
 \*§Holmes Wm. G. Bronze Co. (Bronze Work)  
 BELLAIRE—\*†Bellaire Stove Co. (Stoves)  
 \*†§Carnegie Steel Co. (Office Pittsburgh, Pa.)  
 †Dorer C. L. Fdry. Co.  
 BELLEFONTAINE—\*†Bellefontaine Bridge & Steel Co.  
 \*Bowman Paul G.  
 \*†Hennessey D. R.  
 †Humphrey Pipe & Foundry Co.  
 BELLEVUE—\*Jeschke Mfg. Co. (Ditching Machines)  
 \*†Ohio Cultivator Co. (Agricultural Implements, etc.)  
 BEREA—\*†Dunham Co. (Road Rollers, etc.)  
 BIG PRAIRIE—\*†§Monitor Sad Iron Co.  
 BLUFFTON—\*Arras Cream Separator Co. (Cream Separators)  
 \*Diller Mfg. Co. (Gas Engines, etc.)  
 BOWLING GREEN—\*Bowling Green Motor Truck Co. (Motor Trucks)  
 \*†Thornburgh Mfg. Co. (Garden Tools, Cultivators, Light & Heavy Grey Iron Castings, etc.)  
 \*†§Universal Machine Co. (Gasoline Motors, Brass & Iron Castings, etc.)  
 BREMEN—\*Bremen Mfg. Co. (Pumping Engines, etc.)  
 \*Higbee Tool Co. (Tools, etc.)  
 BRIDGEPORT—\*Hill Thomas  
 BRYAN—\*†Bryan Plow Co. (Plows, Harrows, etc.)  
 \*Woodward Edwin  
 BUCYRUS—\*†§American Clay Machinery Co. (Clay Working Machinery & Castings), S Walnut  
 \*†Carroll Foundry & Machine Co. (Basic Open Hearth Castings)  
 Locomotive Crane Co. (Cranes, etc.)  
 See adv index at end of book  
 \*New York Blower Co. (Blowers, Exhausters, Fans, Steam Engines, etc.). (See Chicago, Ill.)  
 \*Ryder Brass Foundry Co. (Brass & Bronze Castings, etc.)  
 \*†Shunk Plow Co. (Agrl. Implements, Plows, Cultivators, etc.)  
 \*Sommer Motor Co. (Gasoline Motors)  
 CADIZ—\*†Chisholm-Scott Co. (Pea Hulling Machinery, etc.)  
 \*Scott Bros. (Hardware Specialties)  
 \*Scott C. S.  
 \*Ward W. G. (Machinist)  
 CANAL FULTON—\*Fulton Pitt Car Co. (Mine Cars & Wheels)  
 \*Fulton Tool Works  
 CANTON—\*†Alliance Foundry Co. (Grey Iron Castings)  
 American Forge & Machine Co. (Wrenches)  
 \*†American Sheet & Tin Plate Co. Roll & Machine Works (Rolling Mill Machy.)  
 \*§Balm Mfg. Co. (Brass Goods & Castings, etc.)  
 \*§Best Light Co. (Incandescent & Vapor Gas Lamp Burners, Aluminum & Brass Castings, etc.)  
 \*†Bonnot Company (Brick, Clay Working & Cement Machy., etc.)  
 \*†Bucher & Gibbs Plow Co. (Agrl. Impls., Plows & Cultivators)  
 \*Callaghan Machine & Die Co.  
 \*§Canton Brass & Machine Co. (Aluminum, Brass & Bronze Castings)  
 \*Canton Bridge Co. (Bridges, etc.)



\*Canton Drop Forging & Mfg. Co. (Drop Forgings & Machinists)  
 \*†Canton Foundry & Machine Co. (Sheet Metal Working Machy., Castings, etc.)  
 †Canton Malleable Iron Co. (Saddlery Hardware, etc.)  
 \*†Canton Saw Co. (Woodworking Machinery, etc.)  
 \*†Canton Steel Foundry Co. (Steel Castings)  
 \*†Cleveland Axle Mfg. Co. (Axles, etc.)  
 \*Cleveland-Canton Spring Co. (Carriage Springs, etc.)  
 †Columbia Iron & Wire Works Co.  
 \*†Dick Jos. Mfg. Co. (Agricultural Implements)  
 \*†Diebold Safe & Lock Co. (Bank Vaults, Safes, etc.)  
 \*Dueber Watch Case Mfg. Co. (Watch Cases, etc.)  
 \*†Elbel Co. (Saddlery Hdw. & Castings)  
 \*Engine & Machinery Co.  
 \*†Frankham Wm. Brass & Bronze Co.  
 \*Gibbs Mfg. Co. (Hardware Specialties)  
 \*Hampden Watch Co. (Watch Mfrs., etc.)  
 \*Hurst H. L. Mfg. Co. (Spray Pumps)  
 \*Knight Mfg. Co. (Saw Mill Machy., etc.)  
 \*Kohler F. E. Co. (Garden Tools & Hardware)  
 \*†McLain J. H. Co. (Heating Apparatus, etc.)  
 \*Miller C. Brownlow  
 \*Miller Pasteurizing Machine Co. (Pasteurizing Machines, etc.)  
 \*Ney Mfg. Co. (Haying Tools, Carriers, etc.)  
 \*Ney V. L. Co. (Haying Tools, Carriers, Lawn Rakes, Post Hole Diggers, etc.)  
 \*Pittsburg Pneumatic Co. (Pneumatic Tools, etc.)  
 \*†Sun Vapor & Gas Street Light Co. (Incandescent & Vapor Street Lamps, etc.)  
 \*Swineford G. A. Co. (Haying Tools, etc.)  
 \*Timken Roller Bearing Co. (Roller Bearings for Vehicles, etc.)  
 \*†United Engineering & Foundry Co.  
 \*Wagener Steam Pump Co. (Steam Pumps, etc.)  
 \*Whiteman Mfg. Co. (Tumbler Washers, etc.)  
 CARTHAGE—(See Cincinnati, O.)  
 CELINA—\*Celina Mfg. Co. (Windmills, Pumps, etc.)  
 \*†Celina Machine Works  
 CHAGRIN FALLS—\*†Falls Foundry Co.  
 \*†Ober Mfg. Co. (Woodworking Machy., etc.)  
 †Falls Foundry (Iron Castings)  
 CHILLICOTHE—\*Buser-Poston Tufting Machine Co.  
 \*Deschler August (Machinist)  
 \*Deweese F. M. & Co. (Lifting Jacks, etc.)  
 \*Houser O. E.  
 \*†Young John  
 CINCINNATI—\*Acme Machine Tool Co. (Machine Tools, etc.)  
 \*Ahrens-Fox Fire Engine Co. (Steam Fire Engines & Pumps), Alfred & Cook  
 \*Alpine Safe & Lock Co., 911 Freeman av  
 \*†American Laundry Machinery Co. (Laundry Machy., etc.), Ross & Sections avs  
 \*American Tool Works Co. (Machine Tools, Lathes, Planers, Shapers, Drills, etc.)  
 \*†American Valve & Meter Co. (Water Cranes, R. R. Switches, Valves & Castings)  
 \*Andrew M. L. & Co.  
 \*Atlas Machine & Tool Works, Front & Pike  
 \*†Bahmann Iron Works Co. (Sugar, Coffee & Rice Plantation Machinery, etc.)  
 †Bardes E. H. Range & Foundry Co. (Grey Iron Castings, Stoves, etc.)  
 \*Barnes Chas. Co., 55 Main  
 \*†Baum J. Safe & Lock Co. (Safes), 617 E Front  
 Benz Adam & Son (Engineers, Machinists & Millwrights) Machinists Bank & Central

\*Berghausen Machine Co., 2128 Colerain av  
 \*†Blymyer Iron Works Co. (Iron Fdrs., Sugar, Coffee & Rice Plantation Machy.)  
 †Bollmann Wilson Foundry Co., 506 E Front  
 \*†Bourbon Copper & Brass Works (Fire Hydrants, Stop Valves, Extension Valve Boxes & Iron & Brass Fdrs., etc.)  
 \*Boye & Emmes Machine Tool Co. (Machine Tools, etc.)  
 \*Bradford Machine Tool Co. (Machine Tools, Engine Lathes, etc.)  
 †Bruce Jno. J. Foundry Co. (Iron Fdrs., Machine Tools, etc.), 2421 Colerain av  
 \*†Buckeye Foundry Co. (Iron Fdrs. Machinery Castings, etc.), Queen City av & Buck  
 \*Buob & Scheu (Machinists), 216 Webster  
 \*Burton Range Co. (Steel Ranges), 317 Walnut  
 \*Carlisle & Finch Co. (Searchlights & Motors, etc.), 231 E Clifton av  
 \*Carlton Machine Tool Co. (Machine Tools)  
 \*Century Machine Co.  
 \*Champion Tool Works Co. (Lathes, etc.)  
 \*Cincinnati Ball Crank Co. (Machine Handles, Ball Crank), N. Oakley  
 \*†Cincinnati Bell Foundry Co. (Bell Fdrs., etc.), 2933 Spring Grove av  
 \*†Cincinnati Car Co. (Electric Car Builders), Winton pl  
 \*Cincinnati Coffin Co. (Caskets & Hdw.), Richmond, Carr & Fillmore  
 \*Cincinnati Electrical Tool Co. (Electric Drills & Grinders)  
 \*Cincinnati Elevator Works (Elevators, etc.), 212 W 2d  
 \*Cincinnati Frog & Switch Co. (Frogs, Switches, etc.)  
 See adv index at end of book  
 \*Cincinnati Gear Co. (Gears, etc.)  
 \*Cincinnati Grinder Co. (Universal Grinders, etc.), Colerain & Alabama Camp Wash.  
 \*Cincinnati Lathe & Tool Co. (Machine Tools, etc.), Worth  
 \*†Cincinnati Mfg. Co. (Brass & Bronze Fdrs. & Ornamental Iron, Brass & Bronze Works)  
 See adv index at end of book  
 \*Cincinnati Milling Machine Co. (Machine Tools, etc.)  
 \*Cincinnati Planer Co. (Machine Tools). See adv index at end of book  
 Cincinnati Pulley Machinery Co. (Pulley Lathes, etc.)  
 \*Cincinnati Shaper Co. (Machine Tools, etc.), Elam & Garrard av  
 †Cincinnati Steel Castings Co. (Steel Castings), Queen City & Spring Grove avs  
 \*Clifton Motor Works (Gasoline Engines), 229 E Clifton av  
 \*Cluthe G. Co. (Edge Tools & Hdw. Specialties), 28 E Court  
 \*Columbia Iron Works (Bldrs.' Iron Work), 721 Reading rd.  
 \*Consolidated Time Lock Co. (Time Locks, etc.)  
 \*Conway & Co. (Pulleys, etc.), 2507 Beekman  
 \*Crane & Breed Mfg. Co. (Metallic Burial Cases, etc.), 1227 W 8th  
 Crescent Tool Co. (Special), 1761 Reading  
 \*Curran Jas. H. Elevator Co. (Elevators)  
 \*†Day J. H. Co. (Laboratory & Pulverizing Machinery, etc.)  
 †Deckebach F. C. Sons Co. (Brass Fdrs. & Finishers), 123 W Court  
 \*†Douglas Jno. Co. (Plumbing Goods), 71st & C. H. & D. Corth  
 \*Dresses Machine Tool Co. (Machine Tools, etc.)  
 \*Eagle Mfg. Co. (Special Machy.), Blue Rock & Turrill  
 \*†Edna Brass Mfg. Co. (Car & Motor Brasses & Castings)  
 \*†Electric Railway Equipment Co.  
 †Elmwood Castings Co. (Grey Iron Castings, etc.), Murray rd.  
 \*†Enterprise Brass & Plating Co. (Carriage Mountings, Brass Finishers & Platers, etc.), 6th & Baymiller

\*†Eureka Brass Works (Brass Valves, Unions, etc.), 1040 Hulbert av  
 \*†Fay J. A. & Egan Co. (Woodworking Machy., etc.), Front & John  
 †Fewlass Leen Brass & Iron Co. (Brass Fdrs. & Finishers)  
 \*Fosdick Machine Tool Co. (Machine Tools)  
 \*Freeman Louis G. Co. (Shoe Machy.), 210 E 9th  
 \*Frisbie Engine & Machine Co. (Engines, etc.), 33 E Water  
 Globe Brass Foundry, 60 Elm  
 \*†Gray G. A. Co. (Machine Tools)  
 \*Greaves, Klusman Tool Co. (Machine Tools & Woodworking Machy.), Cook & Alfred  
 \*†Grossius Jno. Furnace Co. (Warm Air Furnaces, Heaters, etc.), 318 E 8th  
 \*Hall Safe Co. (Safes & Bank Vaults), Spring Grove & Kinney  
 \*†Hammond Heating Co. (Hot Air Furnaces, Heating & Ventilating, etc.), 130 E Pearl  
 \*Hardisty & Co. (Augers, Machine Knives, etc.), Garland, Linwood  
 \*†Haven Malleable Castings Co. (Malleable Iron Fdrs. & Carriage Hdw.)  
 \*Hempelman & Hector (Special Machinery, etc.), 120 Longworth  
 \*Hess Spring & Axle Co. (Auto Axles, Springs, etc.), 124 W 66th  
 \*Hilbert Machine Co. (Machine Tools), 2116 Colerain av  
 \*Hisey-Wolf Machine Co. (Machine Tool Grinders, Drills, etc.)  
 Homan & Co. (Candle Moulding Machinery, etc.)  
 \*†Houston, Stanwood & Gamble Co. 3rd & Philadelphia  
 †Huenefeld Co. (Steel Ranges, etc.)  
 \*Ideal Concrete Machinery Co. (Concrete Block Machinery)  
 \*Ideal Machine & Tool Co.  
 \*†Incandescent Light & Stove Co., Marburger av & B. & O. R. R., Oakley  
 \*International Harness Machinery Co. (Harness & Leather Working Machinery), 708 B'way  
 \*Johnston R. C. & Co. (Machinists & Engineers), 620 Lodge  
 \*Johnston Wm. T. Co., 3d & Vine  
 \*Keene Geo. C. & Co. (Sheet Metal Workers' Machinery & Tools), 2327 Florence av  
 \*Kiefer Karl Machine Co. (Filter Presses, etc.), 919 Martin  
 \*King Machine Tool Co. (Machine Tools)  
 \*Kingery Mfg. Co. (Confectioners' Machinery, etc.), 420 E Pearl  
 \*Kinsey E. A. Co., 335 W 4th  
 †Kinsley J. R. (Brass Fdrs.), 115 E 6th  
 †Kirkup Robt. & Co. (Plumbers' Brass Goods, etc.), 616 Lodge  
 †Klaine F. A. Co., Front & Central  
 \*Koenigkramer F. & F., 1914 Western av  
 \*Kuehnle Jno. & Son (Edge Tools, Machinists' Bits & Cutters for Woodworking Machinery), 2110 Coleraine  
 \*†Laidlaw-Dunn-Gordon Co. (Pumping Engines & Machinery, etc.)  
 \*†Lane & Bodley Co. (Air & Gas Compressors, Corliss & Slide Valve Engines, etc.), Tennessee av & Paddock rd  
 \*Le Blond R. K. Machine Tool Co. (Machine Tools, etc.), 4601 Eastern av  
 †Lemberg Enameling Co., Florence av  
 \*†Lipp Louis Co. (Plumbing Goods), Winton pl  
 \*Lodge & Shipley Machine Tool Co. (Machine Tools, etc.)  
 \*†SLUNKENHEIMER CO. (Brass & Iron Fdrs., Steam, Water & Engineering Specialties), Executive Offices & Factories, Waverly & Beekman  
 See adv index at end of book  
 \*Lynn Superior Co. (Filters & Bakers' Machinery)  
 \*McFarlan & Spilker Mfg. Co. (Picture Frame Machy., etc.), Colerain & Dorman  
 †McGowan Jno. H. Co. (Pumping & Tobacco Machy. & Brass & Iron Fdrs., etc.), 52 Central av



\*MacLeod Co. (Paint Spraying Machines, Air Compressors, etc.)  
*See adv index at end of book*  
 ‡Messmer Andrew Co. (Brass Fdrs. & Finishers), Patterson nr. Bank  
 \*Metzger J. Mfg. Co. (Machinists), 2165 McLean av  
 \*Miller, Du Brul & Peters Mfg. Co. (Cigar & Cigarette Machy., etc.), 507 E Pearl  
 †Miller Wm. Range & Furnace Co. (Ranges, Furnaces, etc.), 7th & B'way  
 †Modern Foundry Co., 4601 Marburg  
 \*Monarch Tool Co. (Tool Dies, etc.), Murdock bldg  
 \*†§Monitor Stove & Range Co. (Stoves, Ranges, etc.), C. H. & D. Ry. nr. Gest  
 \*†Morris Jno. B. Foundry Co., Court & Harriet  
 \*†Mowrey Car Wheel Works Co. (Grey Iron Castings, Brake Shoes, etc.)  
 \*Muehlmann Adolph (Tools, etc.), Lion bldg  
 \*Mueller Machine Tool Co. (Machine Tools, Radial Drills, etc.), 2427 Colerain av  
 \*§Murdock Mfg. & Supply Co., 426 Plum  
 ‡National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc.)  
 \*National Elevator Co. (Elevators, etc.), 124 Longwood  
 \*National Machine Tool Co. (Key-Seating Machines & Milling Tools)  
 \*Neibling F. W. Co. (Ice Machines & Fittings), Highland av, Norwood  
 \*Neil & Smith Electric Tool Co. (Electric Drills & Grinders), 120 E. 6th  
 \*†§Newman & Co., 717 Sycamore  
*See adv index at end of book*  
 \*§Nichol Thos. J. & Co. (Brass Fdrs. & Finishers' Plumber Goods), Pearl & Ludlow  
 \*Nunning Frank & Son (Machinists, etc.), 215 W. 2d  
 \*†Oakley Machine Tool Co., Oakley  
 †Oberhelman J. A. Foundry Co.  
 \*Oesterlein Machine Co. (Machine Tools, etc.), 2850 Spring Grove av  
 \*Ohio Knife Co. (Machine Knives, etc.)  
 ‡Ohio Pattern Works (Brass Castings, etc.)  
 \*§Pfau Mfg. Co. (Plumbing Supplies), Mentor & Huston, Norwood  
 Pfister Wm. H. (Engineering & Surveying Instruments, etc.), 230 W 4th  
 \*Post-Glover Electric Co. (Electric & Elec. Railway Specialties), 314 W. 4th  
 \*§Powell Wm. Co. (Steam Engineering Specialties & Brass Fdrs.)  
 \*§Queen City Brass & Iron Works (Brass)  
 \*Queen City Machine Tool Co. (Machine Tools), 1405 Sycamore  
 \*Rahn-Larmon Co. (Machine Tools, etc.)  
 \*Randall J. D. Co. (Harness & Horse Collar Machinery), 610 W Court  
 \*†§Randle Machinery Co. (All Kinds of New & Second Hand Rebuilt Machinery)  
 \*Rechtin Louis E. & Bro. (Woodworking Machinery), 215 Butler  
 \*Reedy H. J. Co. Inc. (Elevators, etc.), 15 W 2d  
 \*Rich Pump Co. (Pumps, etc.), South & Depot  
 \*§Richter & Co. (Plumbers' Brass Goods), 210 E 9th  
 \*Robinson J. M. Mfg. Co. (Sheet Metal Workers' Machines & Tools)  
 \*Ross-Moyer Mfg. Co. (Harness Machinery)  
 \*Schacht G. A. Motor Truck Co. (Machinery Specialties), Gest & Evans  
 \*Schellenbach-Hunt Tool Co. (Reamers, etc.), Murdock bldg  
 \*†§Schreiber L. & Sons Co. (Structural Iron & Steel Work, etc.), 3869 Ivanhoe & Montgomery av  
 \*Schriver O. P. & Co. (Hardware, etc.)  
 ‡Schroder J. B. & Co. (Builders' Hardware, etc.), 133 E 5th  
 \*Shepard Lathe Co. (Machine Tools), 207 E 6th  
 \*Sicking Barnard, 1931 Freeman av  
 Simmons W. H. & Co. (Machinists), 208 Lawrence

\*Simpson-Orville Co. (Flour Mill Machinery)  
 \*Smith, Myers & Schnier (Saw Mills, etc.)  
 \*†Stacey Mfg. Co. (Bldrs. Iron Work, Bench Castings, etc.), Township av & Big Four R. R.  
 \*Standard Die Co. (Cutting Dies, etc.), 1019 Vine  
 \*†§Standard Pulley Co., 1734 Powers  
 \*Steptoe Jno. Shaper Co. (Shaping Machines, etc.), 2951 Colerain av  
 \*Stewart Iron Works Co. (Jail & Cell Work, Iron Work, etc.)  
 \*Stuebing Automatic Machine Co., 308 Walnut  
 \*Tatum Sam'l C. Co. (Copying Presses, Stationers' Hardware, Binders & Printing Machinery), Colerain av & Monmouth  
 Thompson Spot Welder Co. (Welding Machines)  
 \*Tool Steel Gear & Pinion Co. (Gears & Pinions), Township av  
 \*Towsley Jno. T. Mfg. Co. (Woodworking Machinery, etc.), Evans, N of Gest  
 \*§Triumph Electric Co. (Dynamoes, Motors, Generators, Brass & Bronze Castings, etc.), Oakley  
*See adv index at end of book*  
 \*Triumph Ice Machine Co. (Ice Machines, Cranes, etc.), Oakley  
 \*Triumph Mfg. Co. (Bakers' Machinery), Spring Grove av & Sassafras  
 \*Tucker Machine Co. (A. P. Tucker, Prop.), (Tool Grinders, etc.), 222 E 9th  
 \*United States Electrical Tool Co. (Electric Portable Hand Drills & Grinders)  
 \*§Van Duzen E. W. Co. (Pumps, Bell Fdrs, Gongs & Brass Castings), 428 E 2d  
 \*Verdin, Kappes & Verdin Co. (Sheet Metal Working Machinery)  
 \*§Victor Safe & Lock Co. (Safes, Bank Vaults, etc.), Cleaneay av & N. & W. Belt Line, Norwood  
 \*WARNER ELEVATOR MFG. CO. (Electric & Hydraulic Elevators), Spring Grove av, Alfred & Valley  
*See adv index at end of book*  
 \*Watkins Motor Co. (Gas & Gasoline Engines, Laundry Machinery, etc.), 6th & Baymiller  
 \*†Weir Frog Co. (Frogs, Switches, Crossings, etc.), Beech & Highland av, Norwood  
 †Wessling Bros. Foundry Co., Liberty & McLean av  
 \*Western Automatic Machine Co. (Slot Machines), 34 E Court  
 \*Wilberding, Brandewiede & Co., 110 W Court  
 ‡Williams D. T. Valve Co. (Valves, Steam Traps, Steam Separators, etc.)  
 \*†§Williamson Foundry Co., Marburg av, Oakley  
 \*†Williamson Heater Co. (Iron Fdrs), 335 W 5th  
 \*Wolf Electrical Promoting Co. (Cloth Cutting Machinery), 5th & Sycamore  
 \*†Zering H. Mfg. Co. (Trucks, Cars, Carts, Scales, etc.)  
 CIRCLEVILLE—\*†Haswell Steel Range & Furnace Co. (Stoves, Ranges, etc.)  
 \*Lutz J. H. (Light & Specialty Machinery, etc.)  
 CLEVELAND—§A. B. C. Castings Co. (Aluminum Castings, etc.), 6515 Carnegie av  
 †Acme Foundry Co. (Fine Light & Medium Grey Iron Castings)  
 \*Acme Machinery Co. (Bolt, Nut & Rivet Machinery), 4533 St. Clair av, N. E.  
 \*Adams-Bagnall Electric Co. (Arc Lamps, etc.)  
 \*Advance Engineering Co., Metta av  
 \*§Aetna Brass Mfg. Co., 3870 Hamilton  
 \*Ajax Mfg. Co. (Bolt & Nut Machy)  
 \*Allen Machine Co. (Tapping Machines, etc.)  
 \*Aluminum Castings Co. (Brass Founders, Aluminum, Brass & Bronze Castings)  
 \*American Ball Bearing Co. (Automobile Axles)  
 §American Brass Mfg. Co. (Brass Finishers, etc.), 1521 E 49th

\*†American Fork & Hoe Co. (Forks, Hoes, etc.)  
 †American Multigraph Sales Co.  
 †American Range & Foundry Co. (Stoves, Ranges, Castings, etc.)  
 \*†§American Shipbuilding Co. (Ships, Engines, etc.)  
 \*†§American Steel & Wire Co. (See Chicago.) *See adv index at end of book*  
 \*†American Stove Co. (Steel Ranges & Gas, Gasoline & Oil Stoves), 178 E 40th. (See St. Louis, Mo.)  
 \*Ames Bag Machine Co., 5606 Euclid av  
 \*Anderson Rolled Gear Co. (Rolled Gears, etc.)  
 \*ANDERSON V. D. CO. (Cylinder Dryers, Filters, Presses, Traps, etc.), W 96th  
*See adv index at end of book*  
 †Atlantic Foundry Co. (Iron Fdrs, etc.), Morgan av & Grotton  
 \*§Atlas Brass Mfg. Co. (Plumbers' Specialties), 326 Lakeside av, N.W.  
 †Auto Castings Co.  
 \*Automatic Stamping & Machine Co., 7803 Madison  
 \*Bardons & Oliver (Machine Tools, Turret Machines, etc.)  
 \*BARTLETT C. O. & SNOW CO. (Cement, Oat Meal & Paint Machinery, etc.), French  
*See adv index at end of book*  
 \*Benson A. M. & Co. (Barrel & Stave Machinery)  
 \*§Bishop-Babcock-Becker Co. (Brass Founders, Pumps, Soda Fountains, Bottlers Machinery, etc.)  
 \*Bloomquist-Eck Machine & Mfg. Co., 205 St. Clair av, N. E.  
 \*Bollinger & Rieley Machine Co.  
 \*†§Born Steel Range Co. (Steel Ranges & Cooking Apparatus), 2163 E 9th  
 \*†Bowler Foundry Co. (Iron Founders), 1688 Columbus  
 \*Brierly Machine Co., 1736 E 22d  
 \*Brightman Furnace Co. (Power Transmitting Machinery)  
 \*Brightman Machine Co. (Power Transmitting Machinery)  
 †Brooks T. H. & Co. (Iron Founders' & Builders' Iron Works)  
 †Brookside Brass Fdy. & Mfg. Co., 2315 Selzer av S W (Plumbers supplies)  
 \*†Brown Hoisting Machinery Co. (Coal & Ore Handling Machy., etc.), 4403 St. Clair, N. E.  
*See adv index at end of book*  
 \*†Browning Co. (Cranes, etc.)  
 \*Browning Victor R. & Co., 17701 Lake Shore blvd  
*See adv index at end of book*  
 \*Bruce-Macbeth Engine Co. (Gas Engines)  
 §Buckeye Brass & Mfg. Co. (Brass Founders & Finishers), 1807 Columbus rd  
 \*Bultman F. H. Co. (Gear Cutting Machines, etc.)  
 \*Burton & Johnson Co. (Pumps, Engines, etc.), 2301 Center av  
 \*Cady Machine Co.  
 \*Carl Max J. Machine Co. (Jobbing), 314 Superior av, N. W.  
 \*Carter, Wm. D.  
 \*§Central Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 6206 Cedar  
 \*Champion Machine & Forging Co. (Forgings & Machine Work)  
 \*Champion Stove So. (Stoves, etc.), 4001 W 25th  
 \*†Chandler & Price Co. (Printing Presses & Machy.)  
 \*Chase Machine Co. (Engines, etc.)  
 \*§CHICAGO PNEUMATIC TOOL CO. (Pneumatic Tools), E 49th & Lakeside (see Chicago, Ill.)  
*See adv index at end of book*  
 \*†§Chisholm & Moore Mfg. Co. (Castings, Chain Hoists, etc.), 5046 Lakeside av N E  
 \*City Brass Foundry Co. (Brass & Composition Castings), 5318 St. Clair av  
 \*City Foundry Co. (Grey Iron & Semi-Steel Castings)  
 \*City Machine Co. (Special Machy. & Macaroni Machy.)  
 \*Cleveland Aluminum Casting Co. (Aluminum, etc.), 1386 E. 40th



\*Cleveland Armature Works (Dynamometers & Motors, Armatures, etc.), 4732 St. Clair av  
*See adv index at end of book*  
 \*Cleveland Automatic Machine Co. (Machine Tools)  
 \*Cleveland Block Co. (Malleable Iron Tackle Blocks), 1173 W 11th  
 \*Cleveland Brass Mfg. Co., 4606 Hamilton  
 \*Cleveland Brass Works  
 \*Cleveland City Forge & Iron Co.  
 \*Cleveland Clutch Co. (Friction Clutches, etc.)  
 †Cleveland Co-operative Stove Co. (Stoves)  
 \*Cleveland Die & Mfg. Co. (Dies, etc.)  
 †Cleveland Electro Metals Co. (Aluminum Ingots), 2397 W 38th  
 \*Cleveland Enterprise Tool Co.  
 \*Cleveland Faucet Co. (Faucets, Air Compressors, Pumps, etc.)  
 \*Cleveland Folding Machine Co.  
 \*Cleveland Frog & Crossing Co. (R. R. Frogs, etc.)  
 \*Cleveland Gas Meter Co. (Mfrs.)  
 \*Cleveland Hardware Co. (Hardware)  
 \*Cleveland Knife & Forge Co., 1960 W 114th  
 \*Cleveland Lock Works Co. (Locks, Hardware Specialties, etc.)  
 \*Cleveland Machine Tool Works (Machine Tools)  
 \*Cleveland Machine & Mfg. Co. (Rolling Mill Work & Forgings), 4944 Hamilton av, N. E.  
 \*Cleveland Metal Products Co. (Oil Stoves), Ivanhoe rd & N. Y. C. R. R.  
 \*Cleveland Milling Machine Co., 18511 Euclid av  
 \*Cleveland Motor Plow Co. ("Euclid")  
 †Cleveland Planer Works (Machine Tools, etc.)  
 \*Cleveland Pneumatic Tool Co. (Pneumatic Tools)  
 \*Cleveland Punch & Shear Works Co. (Punching & Shearing Machinery, Grey Iron Castings, etc.), 3921 St. Clair av, N E  
 \*Cleveland Specialty & Mfg. Co.  
 †Cleveland Steel Casting Co.  
 \*Cleveland Steel Range Co. (Steel Ranges, etc.), 2900 Detroit av  
 \*Cleveland Twist Drill Co. (Twist Drills, Reamers, etc.), 1 E 49th  
 \*Cleveland Welding & Mfg. Co., W 117th & Berea rd  
 \*Clough & Witt Machine Co., 1740 Columbus rd., N. W.  
 \*Cochrane John A. Brass Mfg. Co. (Brass Goods, etc.), 1403 E 40th  
 †Columbian Hardware Co. (Hdwe & Specialties)  
 \*Cooper Spring Co (Carriage Springs, etc.)  
 \*Crescent Brass Mfg. Co. (Brass, Copper, Aluminum, Zinc & Steel Spinning Fixture Parts, etc.)  
 †Crucible Steel Casting Co. (Steel Castings)  
 \*Cummer F. D. & Son Co. (Asphalt, Brick Machy., etc.), The Arcade  
 \*Darling Machine Co., 2110 Superior av, N W  
 \*Daykin Bros. (Pumps), 1606 W 25th  
 \*Deamude Machine Co., 1591 Columbus rd  
 \*De Mooy Machine Co. (Gas Engines, etc.), 1833 E. 55th  
 \*Dickey-Grabler Co., 118 Noble Ct. Dill Mfg. Co., 686 E 82d  
 \*Duplex Hanger Co. (Joist Hangers)  
 \*Dyer Co. (Sugar Machinery)  
 †Eberhard Mfg. Co. (Saddlery Hdw. & Specialties)  
 †Economy Stove Co. (Gas Ranges, etc.)  
 \*Edmonds Elevator Co. (Elevators)  
 \*Elliott Electric Co. (Electrical Machinery), 328 Champlain av, N W  
 \*Elwell-Parker Electric Co. (Electric Industrial Trucks)  
 \*Empire Brass Mfg. Co. (Brass Fdrs. & Furnishers, Plumbers' Goods)  
 \*Empire Plow Co. (Agricultural Implements, etc.), 3140 E 65th  
 \*Eureka Machine Shop (Brewers' & Maltsters' Machinery)  
 \*Evers Iron Works (Special Machy.), 1569 Merwin N W

\*Farnan Brass Works Co. (Brass Fdrs. & Finishers, Steam & Plumbing Goods), 1105 Center  
 †Ferro Machine & Foundry Co. (Marine Gas Engines & Grey Iron Castings), E 66th & Hubbard av  
 †Ferrosteel Co. (Hot Air Registers, etc.), 425 Prospect av N W  
 \*Fitzsimons & Co. (Polished Steel Shafting, etc.), 2469 B'way S E  
 \*Fix's S. Sons (Steam Flue Welding, etc.), Leonard & Winter  
 \*Foley Wardwell Co.  
 \*Foote-Burt Co. (Machine Tools)  
 †Forest City Fdy. & Mfg. Co. (Hot Air Furnaces, Grey Iron Castings, etc.), 2202 Elm av  
 \*Forest City Machine & Forge Co., 5101 Lakeside av, N E  
 \*Franke H. Steel Range Co. (Steel Ranges, etc.)  
 \*Frantz Premier Co. (Vacuum Cleaners)  
 \*Fulton Foundry Co. (Grey Iron Castings)  
 \*Gardner-Bryan Co., Williamson bldg  
 \*Gardner Electric Drill & Machinery Co.  
 \*Gas Fixture & Brass Co.  
 \*Gas Machinery Co., 1900 Euclid av. Works: Collinwood, O.  
 \*Geier P. A. Co. (Special Machy., etc.)  
 \*Gerlach Peter Co. (Pail, Keg, Barrel & Shingle Mill Machy., etc.), 1712 Winter  
 \*Glauber Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods)  
 \*Globe Brass Mfg. Co. (Brass Goods & Finishers), 5532 Perkins ct, N E  
 \*Globe Machine & Stamping Co. (Special Machy. & Parts), 1250 W 76th  
 \*Goby Engine Co. (Gasoline Engines)  
 †Grabler Mfg. Co. (Grey & Malleable Iron Castings, Plumbers' Specialties, etc.)  
 \*Grant-Lees Gear Co. (Auto Gear Transmission), 2367 E 69th  
 \*Hart Mfg. Co. (Pipe Cutting & Threading Machines)  
 \*Hartz Henry V. Co. (Special Machy., etc.)  
 †Hill Clutch Co. (Power Transmitting Machinery, etc.), 1000 W 58th  
 \*Hohlfelder F. Co. (Hdw. Specialties, Metal Beds, etc.), 1197 W 67th  
 \*Homer Commutator Co. (Commutators & Machinists), 4748 Hough av N E  
 \*Horning Electric Mfg. Co. (Electric Blowers & Exhausters)  
 \*Horsburgh & Scott Co. (Gears)  
 \*Hunger & Scheidegger (Brass Fdrs.)  
 \*Hunt & Dorman Mfg. Co. (Tin, Sheet Iron, Brass & Copper Work, etc), 1600 E 24th  
 \*Ideal Bronze Co. (Brass & Comp. Castings, etc.), 1265 E 55th  
 \*Ideal-Peerless Mfg. Co. (Package Washing Machines, etc)  
 \*Ideal Tool & Specialty Co. (Special Machy.), 5211 Prospect av  
 \*Imperial Steel Range Co. (Steel Ranges, etc.), 2900 Detroit av  
 \*Independent Register & Mfg. Co. (Registers, Gas Heaters & Specialties), 715 Frankfort  
 \*Industrial Machine Co., 777 Rockwell av  
 †Interstate Foundry Co. (Light & Heavy Grey Iron Castings, etc.), E 61st & Erie R. R.  
 \*Jackson C. E. & Co. (Machinist), 518 Prospect, N. W.  
 \*Jansen-Petersen Co.  
 \*John's Stamping & Machine Works Co., Columbus rd  
*See adv index at end of book*  
 †Johnston & Jennings Co. (Cranes, Castings & Rolling Mill Machy.) Addison Rd & N. Y. C. R. R.  
*See adv index at end of book*  
 \*KELLY REAMER CO. (Reamers), 1553 Columbus rd  
*See adv index at end of book*  
 †Kilby Mfg. Co. (Nail, Wire, Rolling Mill & Sugar Machinery, Heavy Castings, etc.)  
 \*King Bridge Co. (Coal & Ore Handling Machinery)  
 \*Kirk-Latty Mfg. Co. (Bolts, Screws & Children's Steel Express Wagons & Velocipedes, etc.)  
 \*Konigslow E. Stamping & Tool Wks. (Dies, etc.)

\*Laganke Chas. F. (Jobbing), 118 St. Clair av N E  
 \*Lake Erie Smelting & Refining Co., 7900 Bessemer av  
 \*Lakewood Engineering Co. (Cars, Concrete Mixers, etc.)  
*See adv index at end of book*  
 \*Lamson & Sessions Co. (Bolts, Rivets, Wrenches, etc.)  
 Langenau Mfg. Co. (Brass & Iron Hdw. Specialties), 8403 Franklin av N W  
 \*Lannert Co.  
 \*Lees-Bradner Co. (Cut Gears, etc.)  
 Lewes Machine Co. (Foundry Machinery, etc.), 830 Long av  
 \*Levy Albert D. (Aluminum Castings, etc.)  
 \*Lincoln Electric Co. (Electric Welding Machines, Dynamos, Motors, etc.)  
 \*Loew Mfg. Co., 9001 Madison av, N W (brewery machinery)  
 \*Long-Arm System Co. (Ship Fittings, etc.), Lakeside & E 38th  
 \*Lucas Machine Tool Co. (Machine Tools, etc.), 524 E 99th  
 \*M. & G. Machine Co. (Special Machinery, etc.), 3918 Superior av, N E  
 \*McKenna Co., 1851 E 38th  
 †McMyler-Interstate Co. (Bridge Builders)  
 †Madison Foundry Co. (Light & Heavy Machinery Castings, Grate Bars, Columns, Sewer Castings, etc.)  
 \*Mather & Waechter (Machinists), 105th & Quebec av S E  
 †Meech Foundry & Castings Co., 9940 Meach av S E  
 \*Metals Welding Co., 4400 Perkins av  
 \*Miller Chemical Engine Co., 1411 W. 9th  
 \*Monarch Brass Co. (Plumbers Brass Goods)  
 \*Morreau Co. (Gas & Elec, Fixtures) 1305 Oregon av N E  
 \*Murphy Boiler Co., 2511 Elm av  
 \*National-Acme Mfg. Co. (Screw Machines, etc.)  
 \*National Adding Machine Co. (Adding Machines), 1366 W 70th  
 \*National Bronze & Aluminum Fdry. Co. (Aluminum & Bronze Castings), 2539 E 79th  
 †National Car Wheel Co., 2120 W 106th. (See Pittsburgh, Pa.)  
 †National Malleable Castings Co. (Malleable Iron Castings for R.R., etc.)  
 \*National Safe & Lock Co.  
 \*Ohio Blower Co. (Blowers, Steam Separators, etc.)  
 \*Ohio Electric Co. (Dynamos, etc), 112 Colonial av  
 †Ohio Fdry. Co. (Iron Fdrs.)  
 †Ohio Machine & Boiler Co., 1501 University rd  
 \*Oram Jno. S. Co. (Barrel, Stave & Heading Machinery)  
 \*Ornamental Iron & Bronze Co., 10611 Quincy  
 \*Oster Mfg. Co. (Pipe Cutting & Threading Machines)  
 \*Otis Steel Co., Lakeside av & E 33rd, N E  
 †Palmer & De Mooy Foundry Co. (Grey Iron Castings & Machine & Brass Pattern Shop), 1658 Leonard N W  
 \*Paramount Brass & Mfg. Co, 2187 E 2nd (plumbers supplies)  
 †Peck, Stow & Wilcox Co., W 3d & Cuyahoga av S W. (See Southington, Conn.)  
 \*Peerless Automatic Machine Co. (Screw Machines & Screw Machine Products)  
 \*Peerless Motor Car Co., E 93d & Quincy  
 \*Peters Machine & Mfg. Co., 7320 Madison av  
 \*Phoenix Ice Machine Co., 2711 Church av  
 \*Pipe Machinery Co. (Pipe Bending & Cutting Machines, etc.)  
 \*Plotz Wm. (Tools, etc.), 401 Champlain av N W  
 \*Prague Mfg. Co.  
 \*Premier Aluminum Foundry Co., Nickel Plate & Ivanhoe rd  
 \*Regar Co. (Plumbers' Brass Goods, etc.), 1523 E 45th



\*†Reliable Stove Co. (Gas Heaters, Ranges, etc.)  
**\*RELIANCE ELECTRIC & ENGINEERING CO.** (Electric Motors, etc.), 1064 Ivanhoe rd  
*See adv index at end of book*  
 \*Reliance Gauge Column Co. (Steam Specialties, etc.)  
 \*Rickersberg Brass Co. (Plumbers' Brass Goods, Perkins & E 37th  
 \*Round David & Son (Hoisting Machinery)  
 \*Royal Brass Mfg. Co., 1417 E 43d  
 \*Russ Co. (Ale & Beer Pumps, etc.), 5700 Walworth av  
 \*S.-P. Manufacturing Co. (Special)  
 \*Sabin Machine Co. (Special Machinery), 6536 Carnegie av  
 \*Sanitary Co. (Brass Fdres. & Finishers, Plumbing Goods)  
 \*Sawyer Gear Works, 5120 St. Clair av, N E  
 \*Sly W. W. Mfg. Co. (Tumbling Mills, Foundry Equipment, etc.), 4723 Train av  
 \*Smith W. A. & Co. (Hot Air Furnace), 625 Champlain  
 \*Spotless Steam Sponger Co. (Sponging Machines), Whitney Power blk  
 \*Standard Brass Foundry Co. (Brass Fdres), 990 E 67th  
 †Standard Car Wheel Co. (Car Wheels)  
 †Standard Foundry & Mfg. Co. (Light Grey Iron Castings, etc.)  
 \*†Standard Lighting Co. (Div. American Stove Co.) (Gas Ranges, etc.)  
 \*Standard Machinery & Equipment Co., 310 Electric  
 \*Standard Sand & Machine Co. (Sanding Machines, etc.), 5151 St. Clair av N E  
 \*†Standard Sewing Machine Co. (Sewing Machines), 6402 Cedar av S E  
 †Standard Steel Castings Co. (Automobile Steel Castings)  
 \*Standard Tool Co. (Twist Drills, etc.), 6900 Central av  
 \*Stearns F. B. Co. (Auto Cars), Euclid av & Lakeview rd  
 †Superior Foundry Co. (Grey Iron & Semi-Steel Castings)  
 \*†Taylor & Boggis Foundry Co. (Iron Stoves, Hdws., etc.)  
 \*Tinnerman Stove & Range Co., 2038 Fulton rd  
 \*Trenkamp Stove & Mfg. Co. (Gas Stoves, etc.), 9806 Quincy av  
 Tungstolier Wks. of General Electric Co. (Gas & Electric Fixtures)  
 \*†Tyler W. S. Co. (Foundry & Iron & Brass & Wire Work)  
*See adv index at end of book*  
 \*Ulmer J. C. Co. (Engineering Instruments)  
 \*Union Engineering Co. (Mechanical Engineers & Millwrights & Machinists), 1616 Columbus rd  
 \*United Brass Mfg. Co., 3844 Hamilton av  
 \*†United States Cast Iron Pipe & Foundry Co., 1150 E 26th. (See New York City)  
 \*U. S. Molding Machine Co., 968 E 69th  
 \*Upson Nut Co.  
 \*Van Dorn & Dutton Co. (Cut Gears, Pinions, Racks, etc.), 2973 Woodhill  
 \*Variety Iron & Steel Works Co.  
 \*Victor Brass Mfg. Co., 6813 Wade Park av  
 \*Waldeck Anthony (Wire Dies, etc.), 7607 B'way  
 \*Wallace Tractor Co. (Traction Engines)  
 †Walworth Run Foundry Co. (Warm Air Registers, Hdws. Specialties & Grey Iron Castings), 2488 W 27th N W  
 \*Warner & Swasey Co. (Machine Tools, etc.)  
 \*Wellman Bronze Co. (Aluminum, Brass & Bronze Castings)  
 \*†Wellman-Seaver-Morgan Co. (Cranes Rolling Mill, Ore & Coal Handling & Mining & Hydraulic Machy.), 6017 Superior av  
 \*†Westinghouse Electric & Mfg. Co. (See Pittsburgh, Pa.)  
 \*†White Co. (Automobile, etc.), 842 E 79th  
 \*White Sewing Machine Co. (Sewing Machines)

\*Winton Gas Engine & Mfg. Co. (Gas Engines)  
 \*Winton Motor Carriage Co. (Automobile Builders), Berea rd & Madison av  
 \*Wood & Spencer Co.  
 \*Worden Tool Co. (Machine Knives), 1854 Scranton rd  
 \*Zerk Mfg. Co. (Engineering Specialties, etc.)  
 CLYDE—\*Krebs Commercial Car Co. (Auto Builders)  
 COLDWATER—\*†New Idea Spreader Co.  
 COLLINWOOD—Damascus Brake Beam Co. (Brake Beams)  
 \*Gas Machinery Co. (See Cleveland, O.)  
 \*Kuhlman G. C. Car Co. (Electric Car Bldrs.)  
 COLUMBIANA—\*Banner Machine Co. (Machine Work)  
 Columbiana Fdry. Co.  
 \*†Columbiana Pump Co. (Pumps, etc.)  
 \*†Enterprise Co. (Steam Engines & Saw Mill Machinery, etc.)  
 \*Theiss Henry  
 COLUMBUS—American Water Motor Co. (Water Motors)  
 \*Atlas Brass Foundry Co., 991 S Front  
 †Bonney-Floyd Co. (Steel Castings)  
 \*Brightman Mfg. Co. (Shafting Machinery & Polish Shafting)  
 \*Brown Jno. W. Mfg. Co. (Lamps & Brass Fdres.)  
 \*Buckeye Pump & Mfg. Co. (Pumps, etc.)  
 \*†Buckeye Steel Castings Co. (Car Couplers, etc.)  
 \*Buckeye Saw Mfg. Co. (Saws, etc.)  
 \*Budd & Ranney Mfg. Co., 82 W State  
 †Carlisle & Schilling Bros., Poplar av & Henry  
 \*†Case Crane & Engineering Co. (Cranes, etc.)  
 \*Ceramic Supply & Const. Co., 171 W State  
 \*†Chase Foundry & Mfg. Co. (Industrial Cars, Trucks, etc., 2700 Parsons av. *See adv index at end of book*)  
 †City Brass Works  
 \*Columbus Anvil & Forging Co. (Anvils, Forging, etc.)  
 \*Columbus Auto Brass Co. (Automobile Brasses, etc.)  
 \*Columbus Auto Parts Co.  
 \*†Columbus Brass Co. (Brass Fdres. & Finishers, Plumbing Goods)  
*See adv index at end of book*  
 \*Columbus Die, Tool & Machine Co. (Dies, Tools, Special Machinery, etc.), 955 Cleveland av  
 \*COLUMBUS FORGE & IRON CO. (Machinists & Forgings)  
*See adv index at end of book*  
 \*Columbus Heating & Ventilating Co. (Hot Air Furnaces, etc.)  
 \*†Columbus Malleable Iron Co. (Malleable Iron Fdres., etc.)  
 †Columbus Plow Mfg. Co. (Agrl. Implements), Davis av  
 \*Columbus Scale & Repair Co., 142 W Long  
 \*†Columbus Steam Boiler & Heater Co. (Boilers, Heaters, etc.)  
 \*Columbus Steam Pump Works Co. (Steam Pumps)  
 \*Columbus Wire & Iron Works  
 \*Eaton Machine Works (Repair Work of All Kinds), 37 S Scioto  
 †Emrich C., S W cor. Fulton & 2d  
 \*Favorite Mfg. Co. (Brass, Steel & Iron Novelties), 115 W Vine  
 \*†Federal Mfg. Co. (Gas Fixtures & Brass Finishers), 168 W Long  
 \*Foster Gear Co., 246 Kaiser  
 \*†Hayden P. Saddlery Hardware Co., Long & Scioto  
 \*Hearn J. C. Machine Works (General Jobbing), 115 Vine  
 †Hertenstein M. Co. (Stoves & Ranges), 1409 S High  
 \*Hocking Valley Ry. Shops  
 \*Hoover J. B. (Machinists & Surgical Instruments), 619 N Fourth  
 \*Ideal Heating Co. (Machine Works), 16 E First av  
 \*Jaeger Machine Co. (Concrete Machinery)  
 \*†JEFFREY MFG. CO. (Elevating & Conveying, Grain Elevator Appliances, Mining, Phosphate Mill,

Power Transmission, etc.), 961 N Fourth *See adv index at end of book*  
 \*Kilbourne & Jacobs Mfg. Co. (Plows, Trucks, Cart & Road Scrapers, etc.)  
 \*†Kinnear Mfg. Co. (Rolling Steel Shutters, etc.)  
 †Lattimer Stove Co. (Stoves, etc.)  
 \*Lilley M. C. & Co. (Regalia & Lodge Supplies), 6th & Long  
 †Loudenslager H. Foundry Co., 465 S Canal  
 \*Lowe Bros. Machine & Engine Works (Gasoline Engines, 1½ to 400 H. P.)  
 \*Miller Machine & Mould Works  
 \*Modern Tool, Die & Machine Co., 216-220 N Fourth  
*See adv index at end of book*  
 †O'Brien Bros., 276 W Main  
 \*Ohio Elevator & Machine Co.  
 \*†Ohio Malleable Iron Co. (Malleable Castings) 961 N Fourth  
 \*Ohio Pump & Brass Co. (Air Pumps, Brass, Bronze & Aluminum Castings)  
 \*†Ohio State Stove Co. (Stoves & Ranges)  
 \*Ohlen Jas. & Sons Saw Mfg. Co. (Saws, etc.)  
 \*†Peerless Stove & Range Co. (Stoves & Ranges)  
 †Poulton Edwin (Grey Iron Castings) 15 S Scioto  
 \*Quad Stove Mfg. Co. (Gas Stoves & Ranges)  
 \*†Ralston Steel Car Co. (Steel Cars of All Kinds)  
 \*Rockey Co. (Pumps), 275 E Main  
 †Schreyer G. Co. (Furnace Mfrs.)  
 \*Seagrave Co. (Fire Dept. Apparatus) Standard Bolt Co.  
 \*Sun Mfg. Co. (Coffee Mills, etc.)  
 \*Superior Die, Tool & Machine Co. (Special)  
 \*Turnbull Mfg. Co. (Machy. Mfrs.), 115 Vine  
 \*†United States Cast Iron Pipe & Foundry Co. (See Burlington, N. J.)  
 Universal Traction Mfg. Co.  
 \*Weinman Pump Mfg. Co. (Pumps & Air Compressors)  
 COLUMBUS GROVE—\*Benroth Bros.  
 CONNEAUT—\*Burke Machine Tool Co. (Machine Tools)  
 CORNING—†Richardson Jno. (Iron Fdry., etc.)  
 COSHOCTON—\*†Clow Jas. B. & Sons  
 \*†Keagy & Lear Machine Co. (Carriage Axles & Special Machinery)  
 \*†King W. H.  
 CRESTLINE—\*†Burch Plow Works Co. (Plows, Sewer Castings, etc.)  
 \*†Crestline Mfg. Co. (Seamless Brass Pump Cylinders, etc.)  
 \*International Mfg. Co. (Grain & Seed Cleaners)  
 †Schill Bros. Co. (Steel Ranges, Furnaces, Castings, etc.)  
 CUYAHOGA FALLS—\*†Falls Clutch & Machinery Co. (Power Transmitting Machinery, etc.)  
 \*Falls Hollow Staybolt Co. (Staybolts, etc.)  
 †Nute Foundry Co.  
 \*†Turner, Vaughn & Taylor Co. (Chain, Rubber, Wire Machinery, etc.)  
 DAYTON—†Advance Foundry Co.  
 †American Foundry & Casting Co.  
 \*Aughe Plow Co. (Plows, etc.)  
 \*Barney & Smith Car Co. (Cars & Car Wheels, etc.)  
 \*†Brownell Co. (Steam Engines, etc.)  
 \*†Buckeye Iron & Brass Works (Brass & Iron Fdres. & Oil Mill Machy.)  
 \*†Callahan W. P. Co. (Iron Fdres. & Engines & Oil Mill Machy., etc.)  
 \*Carroll Engineering Co.  
 †Christie B. B. (Stoves, etc.)  
 \*City Engineering Co.  
 Computing Appliances Co. (Computing Lard Dispenser)  
 \*Computing Scale Co. (Computing Scales)  
 \*†Davis Sewing Machine Co. (Sewing Machines, Screw Machines, etc.)  
 †Dayton Brass Castings Co.  
 †Dayton Bronze Bearing Co.  
 \*†Dayton Castings Co.  
 \*Dayton Electrical Mfg. Co. (Dynamos, etc.)



\*Dayton Engineering Laboratories Co. (Auto Starters)  
 \*Dayton Fan & Motor Co. (Fans, Water Motors, etc.)  
 \*†Dayton Malleable Iron Co.  
 \*Dayton Mfg. Co. (Brass Fdms., Railroad Supplies, etc.)  
 \*Dayton Metal Products Co.  
 \*Dayton Pipe Coupling Co. (Pipe Couplings, Saddles, Sleeves, etc.)  
 \*Dayton Pitless Scale Co. (Scales)  
 \*Dayton Pneumatic Tool Co. (Pneumatic Tools)  
 \*Dayton Specialty Machine Co. (Machinists)  
 †Dayton Steel Foundry Co. (Crucible Steel Castings)  
 †Dennick Wm. & Co. (Brass Fdms.)  
 †Duririon Castings Co.  
 †Edgemont Machine Co. (Friction Clutches, etc.)  
 \*Egry Register Co.  
 \*Garrison Machine Works  
 \*Gem City Machine Co.  
 †Gem City Stove Co. (Stoves, etc.)  
 †Hoban Brass Foundry Co.  
 \*†Joyce-Cridland Co. (Hydraulic Lever & Screw Jacks, etc.)  
 \*†Kramer Bros.' Foundry Co. (Iron Fdms., Labeling Machines, etc.)  
 \*†Kuhns Bros. (Cast Iron Fittings, etc.)  
 \*Legler-Eilerman Co. (Machine Parts, Finished & White Metal Castings)  
 \*Lucas Pump Co. (Power Pumps, etc.)  
 \*McCormick Mfg. Co.  
 †Miami Brass Fdry. Co. (Brass Fdms.)  
 †National Cash Register Co. (Cash Registers, etc.)  
 \*†Ohio Rake Co. (Agrl. Impls. Sulky Rakes, etc.)  
 \*Ohmer Fare Register Co.  
 \*†Platt Iron Works Co. (Turbines & Machinery, etc.)  
 \*Plocher Andrew Sons Co. (Forgings, etc.)  
 \*Recording & Computing Machines Co.  
 \*Roberts Geo. J. Co. (Water Motors, Electric Pumps, etc.)  
 \*†Seybold Foundry Co.  
 \*†Seybold Machine Co. (Bookbinding Machinery)  
 \*Sheffield Machine Tool Co.  
 \*Simonds A. A. & Son Co. Planing Knives, etc.)  
 †Standard Foundry Co.  
 \*Steiner M. & Co.  
 \*Trimbach Geo. (Tools, etc.)  
 \*Vaile-Kimes Co. (Water Motors)  
 \*Weinman C. J. Co. (Machinists), 310 E 2d  
 \*Wiedeke Gustav & Co. (Boilermakers' Tools, etc.)  
**DEFIANCE**—\*American Steel Package Co. (Steel Specialties, etc.)  
 \*†Defiance Machine Works (Wood Working Machinery, etc.)  
 \*Defiance Pressed Steel Co. (Metal Boxes)  
 \*Defiance Welding Co.  
 \*Turnbull Wagon Co.  
**DELAWARE**—\*Cook Motor Co. (Gasoline Engines)  
 \*Lugger F. W. & Son (Garage)  
 \*Peerless Pattern & Machine Works  
**DELPHOS**—†Delphos Foundry  
**DENNISON**—†Dennison Foundry & Machine Co. (Radiators & Foundry)  
**DESHLER**—\*†Suber A. A.  
**DOVER**—\*†Dover Mfg. Co. (Sad Irons, etc.)  
 \*†Hardesty Mfg. Co.  
 \*†Wagner Bros.  
 \*Willis Auto & Machine Works  
**DOYLESTOWN**—\*†Seiberling & Miller Co. (Mowers, Reapers, etc.)  
**EAST LIVERPOOL**—\*Cain Machine Co.  
 \*†Patterson Fdry. & Machine Co. (Clay Working Machy., etc.)  
**ELMORE**—\*†Multiplex Concrete Machinery Co. (Concrete Block Machy.)  
**ELMWOOD PLACE**—\*†Worthington Pump & Machinery Corp. (Laidlaw Works)  
**ELYRIA**—†Duplex Mfg. & Foundry Co. (Water Basins, etc.)  
 †Elyria Foundry Co. (Grey Iron Casting, etc.)  
 \*†Fox Furnace Co. (Stoves)  
 \*Machine Parts Co. (Machine Screw Products)  
 \*Superior Metal Products Co. (Special Dies, etc.)  
 \*Weller Engineering Co. (Power Transmission, etc.)

\*Western Automatic Machine Screw Co.  
**EUCLID**—\*†Duplex Mfg. & Foundry Co. (Catch Basins & Sewer Castings)  
 \*Euclid Crane & Hoist Co. (Electric Cranes, Hoists, etc.)  
**FAYETTE**—\*Smith F. L.  
**FINDLAY**—\*†Adams Truck Foundry & Machine Co. (Auto Trucks)  
 \*†Buckeye Traction Ditcher Co. (Trench Excavating Machy)  
 \*Electric Construction & Motor Co.  
 \*Hoppenberg Machine Co.  
 \*†Marvin D. E.  
 \*Went C. H.  
**FOSTORIA**—†Atlas Mfg. Co.  
 \*Fostoria Screw Co.  
 \*"S.-C." **REGULATOR MFG. CO.** (Valves, Regulators, etc.)  
*See adv index at end of book*  
**FREDERICKSTOWN**—\*†Foote J. B. Fdry. Co. (Bells & Hardware Specialties)  
 \*†Zieg F. B. Mfg. Co. (Road Graders, Hdwe. Specialties, etc.)  
**FREMONT**—\*Christy Knife Co. (Knives, etc.)  
 \*Clausse Shear Co. (Shears, etc.)  
 \*Detroit Model Machine Co.  
 \*†Fremont Stove Co. (Stoves)  
 \*Herbrand Co. (Carriage Hardware & Forgings, etc.)  
 \*†Hotz Foundry & Mfg. Co.  
 \*Jackson Shear & Razor Co.  
 \*†Lake Shore Elec. Ry. Co.  
 \*†Lehr Agricultural Co. (Cultivators, Harrows, etc.)  
 †Lincoln Stove Co. (Stoves, Ranges, etc.)  
**GALENA**—\*Hughes & Smythe (Corn Planters, etc.)  
**GALION**—\*†Freese E. M. & Co. (Brick & Drain Tile Machinery, etc.)  
 \*Galion Iron Wks. Co. (Road Machinery)  
 \*†Gallon Iron Works & Mfg. Co. (Gas Engines, Culvert Pipe, etc.)  
 \*Unckrich Machine Co.  
**GALLIPOLIS**—†Thompson & Francis Stove Co. (Stoves)  
 †Treasure Stove Co. (Stoves)  
**GENEVA**—\*†Champion Hardware Co. (Hardware Specialties, Brass & Comp. Castings)  
 \*†Geneva Metal Wheel Co.  
 \*Potter Mfg. Co. (Hdwe. Specialties)  
**GHENT**—\*Purdy Chester (Woodworking Mach, etc)  
**GREENVILLE**—\*†Ross Supply Co. (Pumps, Windmills, Grey Iron Castings, etc.)  
 \*Wogaman Bros. Co. (Gas Engines)  
**HAMILTON**—†American Foundry & Machine Co.  
 \*American Frog & Switch Co. (Frogs, Switches, Switch Stands, Crossings, etc.)  
 \*Bentel & Margedant Co. Wood Working Machinery, etc.)  
 \*†Black-Clawson Co. (Paper & Pulp Mill, Special Machy, etc.)  
 \*†Central Foundry Co. (Grey Iron Castings, etc.)  
 \*Central Motor Co. (Garage)  
 \*Ceramic Machine Co.  
 \*†Deuscher H. P. Co. (Agrl. Implements, etc.)  
 \*Duffley John (Jobbers)  
 \*†Estate Stove Co. (Stoves, Ranges, etc.)  
 \*General Repair Machine Shop  
 \*Hamilton Autographic Register Co. (Registers, etc.)  
 \*Hamilton Caster Mfg. Co. (Casters, etc.)  
 \*†Hamilton Copper & Brass Works (Brewing & Distilling Apparatus, etc.)  
 \*†Hamilton Foundry & Machine Co.  
 \*†Hamilton Machine Tool Co. (Machine Tools)  
 \*Herring-Hall-Marvin Safe Co. (Bank Vaults & Safes, etc.)  
 \*†HOOVEN OWENS RENTSCHLER CO. (Steam Engines, Grey Iron Castings, etc.)  
*See adv index at end of book*  
 \*Krauth & Benninghofen (Machinists)  
 \*†Long & Allstatter Co. (Agrl. Impls. & Punching & Shearing Machy)  
 †Miami Foundry Co. (Grey Iron Castings)  
 \*Mosler Safe Co. (Bank Vaults & Safes, etc.)  
 \*†Niles Tool Works Co. (Machine Tools, etc.). (See New York City)  
 †Peerless Foundry

\*Phoenix Caster Co. (Furniture Casters)  
 \*Triumph Laundry Machinery Co. (Laundry Machinery)  
 \*West Side Motor Co. (Motors, etc.)  
**HARRISON**—\*†Campbell Bros. Mfg. Co. (Agrl. Impls., Corn Drills, etc.)  
**HILLSBORO**—\*†Bell C. S. Co. (Cane & Feed Mills, Stoves, Farm Bells, etc.)  
 \*†Gross-Feibel Co. (Safes, etc.)  
**IRONTON**—\*Belfront Iron Works Co. (Machine Shop for Use of the Company)  
 †Foster Stove Co. (Stoves)  
 \*†Ironton Engine Co.  
 \*†Ironton Punch & Shear Co. (Punching & Shearing Machines)  
**JACKSON**—\*†Crown Pipe & Foundry Co. (Cast Iron Pipes, etc.)  
 \*†Jackson Mfg. Co. (Garden Plows, etc.)  
**JOHNSTOWN**—\*Rusler H. B. Mfg. Co.  
**JUNCTION CITY**—\*Lidderdale A. E. (Jobbing)  
**KENT**—\*Falls Rivet Co.  
 \*†Kent Machine Co. (Concrete Machinery, etc.)  
 \*†Miller J. B. Keyless Lock Co. (Locks)  
 \*†Peterson Mfg. Co. (Agrl. Impls.)  
**KENTON**—\*†Champion Iron Co. (Builders' Iron Work & Castings)  
 \*Dow Jas. M. (Machinist)  
 \*†Kenton Hardware Co. (Iron & Steel Toys, etc.)  
 \*Ohio Machine Tool Co. (Machine Tools, etc.)  
**KILBOURNE**—\*Scott Bros.  
**KINSMAN**—\*†Kiddle Richard H.  
**LANCASTER**—\*†Alten's Fdy. & Machine Works  
 \*†Eagle Machine Co. (Agrl Impls.)  
 \*†Hocking Valley Mfg. Co. (Agrl Implements, etc.)  
**LEETONIA**—\*†Crescent Mach. Co. (Wood Working Machy.)  
 †Leetonia Boiler Co. (Blast Furnace Work, etc.)  
**LEIPSIC**—\*†Temco Electric Motor Co. (Electric Drills & Motors)  
**LEXINGTON**—Cureton Wm. & Sons, Richland Co.  
 \*Lexington Instrument Works, Richland Co.  
 \*Smith Gas Power Co. (Suction Gas Producers), Richland Co.  
**LIMA**—\*Buckeye Machine Co. (Gas Engines)  
 \*†East Iron & Machine Co. (Asphalt Paving Plant Machy., Builders' Iron Work), 351 E Market  
 \*†Golley & Finley Iron Works  
 \*Gramm-Bernstein Co.  
 \*†Lima Locomotive Corp. (Locomotives, etc.), 106 3d  
 \*†Ohio Steel Foundry Co. (Steel & Vanadium Castings)  
 \*Vicary Geo. S.  
 \*Sinclair & Morrison Co.  
 \*Steiner Bros.  
 †White Joseph  
**LISBON**—\*Wright Mfg. Co. (Chain & Portable Hoists, etc.)  
**LOGAN**—\*†Logan Foundry & Machine Co. (Plows, etc.)  
**LORAIN**—\*†American Shipbuilding Co. (See Cleveland, O.)  
 \*Brunk Machine & Forging Co.  
 \*†Hoffman Heater Co. (Heaters, etc.)  
 †Lorain Brass & Bronze Foundry Co. (Brass & Bronze Castings, etc.)  
 \*†Lorain Casting Co. (Iron & Brass & Semi-Steel Castings, etc.)  
 \*National Stove Co. (Am. Stove Co.) (Stoves, Heaters & Ranges)  
 \*Thew Automatic Shovel Co. (Steam Shovels, etc.)  
**LOUDONVILLE**—\*Sprang Wm.  
**LOUISVILLE**—\*Louisville Machine Co.  
**LUDLOW FALLS**—\*Duncan Bros. & Wray Co. (Floor Scrapers, etc.)  
**LYNCHBURG**—\*Kessler John A.  
**MADISON**—\*†Genung C. W. (Agrl Implements)  
**MALTA**—\*†Brown-Manly Plow Co. (Agrl Implements, etc.)  
**MALVERN**—Keffler Bros. (Jobbing)  
**MANSFIELD**—\*†Aultman & Taylor Machinery Co. (Agrl Impls., Traction Engines, etc.)  
 \*†Barnes Mfg. Co. (Pumps, etc.)  
 \*†Baxter Stove Co. (Stoves)  
 \*†Berry J. H.  
 †Buckeye Tempered Copper & Brass Co.



- \*†Eclipse Stove Co. (Stoves)
- \*Hartman Electrical Mfg. Co. (Electrical Specialties)
- \*Hughes-Keenan Co. (Structural Steel, etc.)
- \*†Humphries Mfg. Co. (Pumps, Cocks & Bibbs, etc.)
- \*Ideal Electric & Mfg. Co. (Electric Machinery, etc.)
- \*Lean Roderick Mfg. Co. (Harrows, Land Rollers, etc.)
- Mansfield Brass Foundry
- \*Mansfield Specialty & Machine Co.
- \*New Method Stove Co. (Gas Stoves, etc.)
- \*North American Watch Co.
- \*†Ohio Brass Co. (Electric Railway & Steam Specialties)
- \*†Phoenix Electric Co. (Electrical Machinery, etc.)
- MARIETTA—\*Cline Edw. W.
- \*Leidecker Tool Co. (Well Drilling Machinery, etc.)
- \*†Nye A. T. & Son Co. (Stoves & Ranges)
- \*†Pattin Bros. Co. (Steam Engines & Grey Iron & Brass Castings)
- \*Salzman G. O.
- \*Star Machine Co.
- MARION—\*Am. Malleable Casting Co.
- \*†Fairbanks Steam Shovel Co. (Steam Dredges, Traction Engines, Ditching Machines, etc.)
- \*†Huber Mfg. Co. (Ag'l Impls., Engines, etc.)
- \*†Marion Steam Shovel Co. (Dredging, Excavating, etc.) P. O. Box 505
- \*†Ohio Tractor Mfg. Co. (gasoline traction engines)
- \*Osgood Co.
- \*†Power Mfg. Co. (Oil Engines)
- \*Titus Machine Co. (Drill Presses, Vises, etc.)
- MARTIN'S FERRY—\*†Beam Jas. H.
- \*McDermott P. J. (Machinery & Tools)
- \*†Spence-Baggs Stove Co. (Stoves, etc.)
- \*Stanton Heater Co. (Furnaces, etc.)
- MASSILLON—\*†Griscom-Russell Co. (See New York, N. Y.)
- See adv index at end of book
- \*†Hess-Snyder Co. (pumps & stoves)
- \*†Massillon Foundry & Machine Co. (Steam Hammers, Punching & Shearing Machy.)
- \*†Massillon Iron & Steel Co. (Cast Iron Pipe & Heavy Castings, etc.)
- \*†Russell & Co. (Engines, Threshers & Saw Mills)
- MECHANICSBURG—\*Packham Crimper Co. (Sheet Metal Workers' Machinery)
- MEDINA—\*†Medina Fdry. Co. (Castings, etc.)
- \*Medina Machine Co.
- MIAMISBURG—\*Allen Machine Works (Specialties)
- MIDDLETOWN—\*†American Rolling Mill Co.
- \*Barkeley Electric Mfg. Co. (Electrical Specialties)
- \*†Miami Cycle & Mfg. Co. (Bicycles, Motorcycles, etc.)
- \*Middletown Machine Co. (Gas Engines)
- \*Shartle Bros. Machine Co. (Paper Mill Machinery)
- MILAN—\*Curtis Machine Co. (Thresher Parts)
- MILLERSBURG—\*Gadfield C. L. (Garage)
- \*†Millersburg Fdry. & Machine Works
- MINERAL RIDGE—\*†Mineral Ridge Mfg. Co. (Steam Hoists, etc.)
- MINERVA—\*Jobes Emmor W.
- \*Minerva Hardware Mfg. Co. (Builders' Hardware, Hardware Specialties, Grey Iron Castings, etc.)
- MINSTER—\*Dues J. J. Machine Co. (Garage, etc.)
- \*†Minster Machine Co. (Power Transmitting, etc.)
- MONTPELIER—\*†Wingert Foundry & Furnace Co.
- MORRAL—\*Morrall Bros. (Canning Machinery)
- MOUNT GILEAD—\*†Hydraulic Press Mfg. Co. (Presses, Sugar Mills, etc.)
- \*Kelly Foundry & Machine Works (Jobbing)
- MOUNT STERLING—\*Carter Wire Fence Mach. Co. (Fence Mach.)
- MOUNT VERNON—\*†Black Furnace Co.
- \*Brewer J. H. (Jobbing)
- \*†Cooper C. & G. Co. (Corliss & Rolling Mill Engines, Condensers, Fly Wheels & Heavy Castings, etc.)
- \*Mount Vernon Bridge Co. (Structural Steel Work)
- NAPOLEON—\*†Heller-Aller Co. (Wind Mills, Gasoline Engines, etc.)
- \*†Ragan-Brown Lange Co. (Engines, etc.)
- NEWARK—\*American Machine Co.
- \*†B. & O. R. R. Shops
- \*Jewett Car Co. (Car Builders, etc.)
- \*†McNamar Machine Works
- \*†Scheidler Machine Works Co. (Engines, etc.)
- \*Shepherd M. L.
- \*Simpsons Garage & Machine Co.
- \*†Wehrle Co. (Stove Mfrs.)
- NEW BREMEN—\*Poorman O. O. Co. (Presses, etc.)
- NEW COMERSTOWN—\*†Clow Jas. B. & Sons. (See Chicago, Ill.)
- \*Rex File & Saw Co. (Files, Saws, etc.)
- NEW LEXINGTON—\*†Star Mfg. Co. (Agricultural Implements, Wheels, Mine Cars, Feed Grinders, etc.)
- NEW LONDON—\*†Arnold-Creager Co. (Brick & Clay Machy.)
- NEW MADISON—\*Hill Mfg. Co.
- NEW MATAMORAS—\*Stover Machine Works
- NEW PHILADELPHIA—\*†Spicer Mfg. Co.
- \*Wise-Harold Electric Co. (Vacuum Cleaners)
- NILES—\*†Globe Foundry & Machine Works
- \*Harris Automatic Press Co. (Printing Presses)
- \*Niles Car & Mfg. Co. (Car Builders)
- \*†Niles Mine & Mill Supply Co.
- NORTH BALTIMORE—\*Exline & Son
- NORTH FAIRFIELD—\*†Fairfield Plow Works (Plows)
- NORWALK—\*Frederick Machine Works (Emery Grinders, Countershafts, etc.)
- \*Miller Anchor Co. (Anchor & Chains, etc.)
- \*Norwalk Drilling Tool Co. (Heavy Forgings, etc.)
- \*†Norwalk Foundry Co. (Iron & Brass Castings)
- NORWOOD—(See Cincinnati, O.)
- OAK HILL—\*†Oak Hill Foundry & Machine Works
- OAKLEY—\*†Modern Foundry Co. (Castings), 4601 Marburg
- \*†Williamson Foundry Co. (Heating Apparatus), Marburg av
- OBERLIN—\*Ohio Road Machinery Co. (Road Machinery, etc.)
- ORRVILLE—\*†Foundries Co.
- OTTAWA—\*Todd Bros.
- OVERPECK—\*†Buckeye Foundry Co.
- PAINESVILLE—\*Blackmore John (Machinist)
- \*†Coe Mfg. Co. (Veneer Machinery)
- \*Ohio Mfg. Co., P. O. Box 358
- See adv index at end of book
- \*Vrooman A. E. & Son
- PEEBLES—\*†Suffron C. E. (Castings & Jobbing)
- PIQUA—\*†Bowdle Bros. (Castings & Jobbing)
- \*Champion Paper Cutter Co. (Paper Cutters)
- \*†Favorite Stove & Range Co. (Gas Stoves & Ranges)
- \*French Oil Mill Machinery Co. (Oil Mill Machinery, etc.)
- \*Wood Shovel & Tool Co. (Shovels, etc.)
- PLYMOUTH—\*†Fate J. D. Co. (Brick Machy.)
- \*†Root-Heath Mfg. Co. (Lawn Mowers, Machines, etc.)
- POMEROY—\*†Pomeroy Machine Co.
- PORTAGE—\*Laramore O. O.
- PORTSMOUTH—\*Central Machine Electrical Repair Shop
- \*Heer Engine Co. (Traction Engines)
- \*Mitchell Mfg. Co.
- \*†Ohio Stove Co.
- \*†Portsmouth Engine Co. (Engines, Ice Machines, etc.)
- \*†Portsmouth Steel Co.
- \*†Portsmouth Stove & Range Co. (Stoves, etc.)
- \*Simpson Bros. (Brick Makers' Machinery)
- PROSPECT—\*Prospect Mfg. Co. (Chemical Fire Engines, etc.)
- RAVENNA—\*†Browning Foundry Co.
- \*†Byers John F. Machine Co. (Hoisting Machinery, etc.), 242 So. Sycamore See adv index at end of book
- \*†Ravenna Furnace & Heating Co.
- \*†Williams A. C. Co. (Sad Irons, etc.)
- ROCKFORD—\*Coppersmith J. M.
- ROSSFORD—\*Ford Edw. Plate Glass Co.
- SABINA—\*Sabina Pump Co.
- \*Clinton Mfg. Co. (Pumps)
- ST. MARYS—\*Lawter Tractor Co.
- Quickwork Co. (Rotary Shears, etc.)
- \*†St. Marys Machine Co. (Engines, etc.)
- SALEM—\*†Buckeye Engine Co. (Steam & Gas Engines & Grey Iron Castings)
- \*†Clark W. J. Co.
- \*Davis M. & Sons (Electrical Machinists)
- \*†Deming Co. (Pumping Machy., etc.)
- \*Mullins W. H. Co. (Architectural Bronze Work, etc.)
- \*†National Sanitary Co. (Enameled Iron Bathtubs)
- \*†Pittsburgh Foundry & Machine Co. (See Pittsburgh, Pa.)
- \*Salem Tool Co.
- \*†Silver Mfg. Co. (Hub Boring Machy., Blacksmiths' Drills & Agrl. Impls., etc.)
- \*†Victor Stove Co. (Stoves)
- SALINEVILLE—\*Rice John (Jobbing)
- \*Salineville Model & Machine Works
- SANDUSKY—\*†Bay View Foundry Co.
- \*Brightman Nut & Mfg. Co.
- \*†Brown Clutch Co. (Pulley Clutches, Grey Iron Castings, etc.)
- \*†Farrell-Cheek Steel Foundry Co. (Steel Castings)
- \*†G. & C. Foundry Co.
- \*†Klotz Machine Co. (Handle & Wine & Cider Making Machinery, & Iron & Brass Fdrs.)
- \*Mack Iron & Wire Works Co. (Architectural & Ornamental Iron & Steel)
- \*Matthews Engineering Co.
- \*Ohio Motor Co. (Gasoline Engines)
- \*Roberts Motor Co. (Marine Motors, etc.)
- \*†Sandusky Foundry & Machine Co. (Iron Fdrs. & Machinists)
- \*Sandusky Tool Co.
- \*Vim Motor Co. (Gasoline Engines)
- SEBRING—\*Aluminum Foundry Co.
- \*Hall Machine Works
- SEVILLE—\*†Overholt I. M.
- SHELBY—\*Chicago Handle Bar Co. (Bicycle Handle Bars)
- \*Shelby Spring Hinge Co. (Steel, Brass & Bronze Hardware)
- \*Standard Mfg. Co. (Hardware Specialties)
- SIDNEY—\*American Steel Scraper Co. (Road Scrapers)
- \*Eclipse Folding Machine Co. (Paper Folding Machines)
- \*Mentges Folder Co. (Paper Folding Machines)
- \*Monarch Machine Tool Co. (Engine Lathes)
- \*Peerless Bread Machine Co.
- \*Pioneer Pole & Shaft Co. (Poles & Shafts)
- \*Sidney Folder Co. (Paper Folding Machines)
- \*Sidney Steel Scraper Co. (Drag & Wheel Road Scrapers, Barrows, etc.)
- \*Sidney Tool Co. (Woodworking Machy., etc.)
- \*Slusser-McLean Scraper Co. (Road Scrapers)
- \*†Smith Philip Mfg. Co. (Grain Elevator Machinery)
- \*†Wagner Mfg. Co. (Enameled & Aluminum Hollow Ware)
- SPENCERVILLE—\*Foster Tobias
- \*Redick Jos. H.
- SPRINGFIELD—\*†American Radiator Co. (See Chicago, Ill.)
- \*†American Seeding Machine Co. (Agrl. Impls.)
- \*†Bauer Bros. Co. (Oil & Flour Mill Machinery, etc.)
- \*Bauroth Bros. (Gas & Gasoline Engines)
- \*†Bayley Wm. Co. (Builders, Iron Work, Special Machinery, etc.)
- \*†Blackwood Steel Foundry Co.
- \*Bowlus Mfg. Co. (Joist-Drills, etc.)
- \*Buffalo Springfield Roller Co. (Road Rollers, etc.)
- \*Casey D. L. Machine Co. (Engines, Boilers, etc.)
- \*†Central Brass & Fixture Co. (Brass Goods)



- \*Columbia Planter Co. (Agrl. Imple-  
ments)  
\*†§Duplex Mill & Mfg. Co. (Feed  
Mills, etc.)  
\*†Fairbanks Co. (Piano Plates, Cast-  
ings, etc.)  
\*Foos Gas Engine Co. (Gas Engines),  
701 Linden av  
\*†French & Hecht (See Davenport,  
Ia.)  
\*†Grey Iron Casting Co. (Grinding  
Mills, Castings, etc.)  
†Hennessey Foundry Co. (Grey Iron  
Castings)  
\*Hoppes Mfg. Co. (Feed Water Heat-  
ers, etc.)  
\*Igou Mfg. Co. (Wrapping Machines)  
\*Indianapolis Switch & Frog Co.  
(Frogs, Switches & Crossings,  
etc.)  
\*†International Harvester Co. (See  
Chicago, Ill.)  
\*†Kelly O. S. Co. (Piano Plates, etc.)  
\*Kelly-Springfield Motor Truck Co.  
(Motor Trucks)  
\*Lagonda Mfg. Co. (Boiler Flue &  
Tube Cleaners, Valves, etc.)  
\*†Leffel Jas. & Co. (Turbine Water  
Wheels & Engines, etc.), 500 La-  
gonda  
\*†Mast, Foos & Co. (Windmills, Force  
Pumps, Lawn Mowers, etc.)  
\*Mentels The (Gas Heating Stoves  
for Natural & Artificial Gas, etc.)  
\*Miller Improved Gas Engine Co.  
(Heavy Duty Gas Engines)  
\*§Nolte Brass Co. (Brass Fdrs. &  
Finishers)  
\*†Patric Furnace Co. (Hot Air Fur-  
naces)  
\*Peters E. E. Machine Co. (Jobbing)  
\*Reed Mfg. Co. (Rug Looms, etc.)  
\*†Robbins & Myers Co. (Dynamos,  
Motors, Electric Fans) 1400 La-  
gonda av.  
\*Roberts Thomas (Feed Mills, etc.)  
\*Rodgers Geo. G. (Machinist)  
\*†Ross E. W. Co. (Sugar Cane Mills  
& Folder Cutters, etc.)  
\*Safety Emery Wheel Co. (Tools &  
Emery Grinders, etc.)  
\*Shauver Co. (Auto Accessories &  
Wood Working Machinery)  
\*§Springfield Brass Co. (Brass Fdrs.  
& Finishers)  
\*†Springfield Machine Tool Co.  
(Lathes, Presses, etc.)  
†Springfield Malleable Iron Co.  
\*†Superior Gas Engine Co. (Gas &  
Gasoline Engines)  
\*Superior Mfg. & Mill Co. (Gas En-  
gines, etc.)  
\*†Thomas Mfg. Co. (Agrl. Implts.,  
etc.)  
\*Thompson Grinder Co. (Grinding  
Machy., etc.)  
\*†Trump Mfg. Co. (Engines, Water  
Wheels & Transmitting Machy.)  
\*Webster & Perks Tool Co. (Machine  
Tools, etc.)  
\*Western Tool & Mfg. Co. (Tool  
Holders, Mandrels, etc.)  
†Wickham Piano Plate Co. (Piano  
Plates & Piano Hdw.)  
STEUBENVILLE—†Irwin R. J.  
\*†§La Belle Iron Works (Iron & Steel  
Castings & Machine Shops)  
\*†Ohio Foundry & Mfg. Co. (Grates,  
Castings, etc.)  
SWANTON—\*†§Baker A. D. Co. (Trac-  
tion Engines & Metal Wheels,  
etc.)  
\*Pilliod Co. (Valves, etc.)  
TIFFIN—\*†Loomis Machine Co. (Well  
Boring & Drilling Machy.)  
\*†National Machinery Co. (Bolt & Nut  
& Rivet Machy., etc.)  
\*†Sterling Grinding Wheel Co. (Emery  
Wheels & Emery Wheel Machy.)  
\*†Tiffin Wagon Co.  
\*†Webster Mfg. Co. (Elevator &  
Conveying, Grain Elevator Appli-  
ances, Coal Handling, Phosphate  
Mill, Power Transmission, etc.)  
TOLEDO—\*A. F. S. Machine Co., 531 S  
St. Clair  
\*†Advance Machinery Co. (Wood-  
working Machinery)  
\*American Metal Wheel & Auto Co.  
\*American Tubular Axle Co.  
\*Art Iron & Wire Works  
\*†Baker Bros. (Key Seaters, Tapping  
& Boring Machines & Woodwork-  
ing Mach'y)  
\*Banting Machine Co. (Agrl. Implts.,  
etc.)  
\*Bauroth E. F.  
\*Bissell F. Co. (Electrical Special-  
ties, etc.)  
\*Braunschweiger Bros. (Special Ma-  
chinery, Tools, etc.)  
\*§Bunting Brass & Bronze Co. (Bronze  
Bearings & Brass Castings), 738  
Spencer. *See adv index at end of book*  
\*Candy & Nut Machine Co. (Vending  
Machines)  
§Central Brass Foundry  
Central Machine & Tool Co.  
†City Foundry Co.  
\*Conrad Frank J. (Garage)  
†Consolidated Mfg. Co. (Forgings, Tub-  
ings, etc.)  
\*Consolidated Pump Co.  
\*De Mers Magloir  
\*De Vilbiss Mfg. Co. (Spraying Ma-  
chines)  
\*†Donovan Wire & Iron Co. (Grey  
Iron Castings), Chicago & W. &  
L. E. Ry.  
†Ensign Foundry Co. (Iron Founders)  
Etna Machine Co.  
\*Gendron Wheel Co. (Bicycle Wheels)  
\*Gogel Mfg. Co. (Tuyere Iron Heat-  
ers, Fifth Wheels, etc.)  
\*Grasser Motor Co. (Gas Engines)  
\*Haughton Elevator & Machine Co.  
(Elevators, etc.)  
\*Heartley Machine & Tool Works, 900  
Summit  
\*Jones S. M. Co. (Gas Engines & Oil  
Well Supplies)  
\*Kent-Owens Machine Co. (Machin-  
ists)  
\*Landis E. M. & Co. (Gas Engines,  
etc.)  
Laurence Stamping Co. (Cream Sep-  
arators & Dairy Machinery)  
\*Lober Art Brass & Specialty Co., 124  
11th  
\*McCreery Mfg. Co. (Ventilators &  
Air Cooling Machinery, etc.)  
\*§McNaull Boiler Mfg. Co. (Castings,  
etc.)  
\*§Merrell Mfg. Co. (Pipe Cutting &  
Threading Machinery, etc.), 278  
Curtis  
\*†§Milmine H. B. & Co. (Iron Fdrs.,  
etc.)  
\*Moore C. H. (Edge Tools, etc.)  
†National Malleable Castings Co. (See  
Cleveland, O.)  
\*†§National Supply Co. (Oil Wells  
Supplies, etc.)  
\*Ohio Electric Car Co. (Electric Autos  
& Trucks)  
\*Pixley Safe & Lock Co. (Safes, etc.)  
\*†Rathbun-Jones Engineering Co.  
(Marine Gas Engines)  
\*†Rumeli M. Co. (See La Porte, Ind.)  
\*§Seeger Valentine (Brass & Comp.  
Castings)  
\*§Seiss Mfg. Co. (Iron & Brass Spe-  
cialties)  
\*Shaw-Kendall Engineering Co.  
\*Sterling Cork & Seal Co. (Mfr. Ma-  
chinery)  
\*Stitt Robert G. (Oil & Gas Well Sup-  
plies)  
§Toledo Brass & Novelty Works  
(Brass & Comp. Castings)  
\*Toledo Bridge & Crane Co. (Cranes,  
Structural Iron Work, etc.), 2500  
Dorr  
\*§Toledo Chandelier Mfg. Co.  
\*Toledo Drill & Tool Co. (Twist  
Drills)  
\*†Toledo Foundry & Machine Co.  
(Steam Shovels, Castings, En-  
gines, Dredging Machinery, etc.)  
\*†Toledo Machine & Tool Co. (Punch-  
ing & Shearing Mach'y, Power  
Presses, Power & Drop Hammers,  
etc.)  
\*Toledo Mfg. & Supply Co. (Brass  
Goods)  
Toledo Metal Manufactures Co.  
\*Toledo Metal Wheel Co. (Bicycles,  
Metal Wheels, etc.)  
\*Toledo Pipe Threading Machine Co.  
(Pipe Threading Machines, Dies,  
etc.), 1440 Summit  
\*Toledo Saw & Supply Co. (Saws, etc.)  
\*†§Toledo Ship Building Co. (Ship  
Builders, Engines, Brass & Grey  
Iron Castings)  
\*†Toledo Steel Casting Co.  
†Toledo Stove & Range Co. (Stoves,  
Ranges, etc.)  
\*†§U. S. Malleable Iron Co. (Malleable  
Iron Castings, etc.)  
\*Watson Mfg. Co. (Machines)  
§Western Gas Fixture Co. (Gas & Elec.  
Fixtures, etc.)  
\*§Willys-Overland Co.  
Wine Railway Appliance Co. (Bolts,  
Washers, Ladders, etc.)  
\*Yost Electric Mfg. Co. (Lawn Sprin-  
klers, Lamp Sockets, etc.)  
TORONTO—\*†Toronto Fdry. & Machine  
Co.  
TROY—\*Hobart Mfg. Co. (Electric &  
Gasoline Coffee Mills & Meat  
Choppers, etc.)  
\*Kelly Machine Co.  
\*§Troy Carriage Sun Shade Co.  
TYRRELL—\*Tyrrell A. H. & Son (Iron  
Fdrs.)  
UPPER SANDUSKY—\*†Buckeye Foundry  
& Mfg. Co.  
\*†§National Steam Pump Co.  
\*†Ohio Mfg. Co. (Agrl Implts, etc)  
URBANA—\*§Desmond-Stephan Mfg. Co.  
(Injectors, etc.)  
\*†Illinois Car Co. (Cars, etc.)  
UTICA—\*Cree J. A.  
VAN WERT—\*†§Spayd Bros.  
VERMILION—\*§Wakefield F. W. Brass  
Co. (Lighting Fixtures)  
WADSWORTH—\*†§Ohio Injector Co.  
(Boiler Injectors, etc.)  
WAPAKONETA—\*Krein Mfg. Co.  
\*New Wapakoneta Wheel Co. (Wood  
Wheels)  
\*†Wapak Hollow Ware Co.  
\*Wapakoneta Machine Co.  
WARREN—\*†§Aetna Fdry. & Machine Co.  
(Tin & Sheet Mill Machy. & Cast-  
ings)  
†General Malleable Co. (Malleable Iron  
& Steel Castings)  
\*†McMyler Interstate Co. (Dock  
Equipment)  
Packard Electric Co. (Electrical Spe-  
cialties)  
\*Peerless Electric Co. (Dynamos &  
Motors)  
\*Sterling Electric Lamp Works of G.  
E. Co. (Electrical Specialties)  
\*†Trumbull Mfg. Co. (Castings, etc.)  
\*Winfield Mfg. Co.  
WASHINGTON C. H.—\*†§Swope Garage &  
Machine Co.  
WAUSEON—\*†Red King Co. (Windmills,  
etc.)  
\*Schletz Philip  
WELLINGTON C. H.—\*Sterling Machine &  
Stamping Co. (Auto Accessories)  
\*†Wellington Machine Co. (Brick Ma-  
chy., etc.)  
WELLSTON—\*Morrow Mfg. Co. (Mining  
Machinery, etc.)  
WELLSVILLE—\*†Menough Foundry Co.  
(Grey Iron Steel Castings)  
\*†§Stevenson Co. (Brick Machy., etc.)  
WESTERVILLE—\*Bennet H. L. & Co.  
(Stump Pullers)  
\*†Hance J. W. Foundry Co. (Grey  
Iron Castings, etc.)  
WEST LAFAYETTE—\*D. & J. Co. (W. W.  
Dyser, Prop.)  
WEST MANCHESTER—\*Parks C. M. (Ma-  
chinery Mfrs.)  
WEST UNITY—\*National Mfg. Co. (Grain  
Separators)  
WICKLIFFE—\*Cleveland Brick Machin-  
ery Co. (Brick Machinery)  
\*Cleveland Crane & Engineering Co.  
(Cranes & Hoists)  
WILLOUGHBY—\*†§American Clay Ma-  
chinery Co. (See Bucyrus, O.)  
WILMINGTON—\*Champion Bridge Co.  
(Structural Steel Work, etc.)  
\*Farquhar Furnace Co. (Hot Air Fur-  
naces)  
\*Irwin Auger Bit Co. (Auger Bits,  
etc.)  
WOODSFIELD—\*Loffland Bros.  
\*Curtis & Haire  
WOOSTER—§Buckeye Aluminum Co.  
\*†Woodward Machine Co. (Steam  
Pumps, etc.)  
†Wooster Machine Co.  
XENIA—\*†Kelly R. A. Co. (Shaping Ma-  
chines, Machine Tools, etc.)  
YOUNGSTOWN—§Falcon Bronze Co.  
(Brass & Bronze Castings, etc.)  
\*Fitzsimons Co. (Polished Steel Shaft-  
ings)  
\*General Fireproofing Co. (Steel Prod-  
ucts)  
\*McKay Geo. G. (Machine & Job  
Work)



\*†§Mahoning Foundry Co. (Brass, Bronze & Small Grey Iron Castings)  
 \*Pollock Wm. B Co. (Gas Works Machinery, etc.)  
 \*†Republic Iron & Steel Co. (Grey Iron Castings, All Consumed by Co. also Machine Shop)  
 \*†§Tod Wm. Co. (Rolling Mill Engines, etc.)  
 \*†United Engineering & Foundry Co. (Rolling Mill Machinery & Castings). (See Pittsburgh, Pa.)  
 \*†Youngstown Foundry & Machine Co. (Rolling Mill Machinery)  
 \*Youngstown Furnace Co. (Malleable Iron Castings)  
 \*†Youngstown Sheet & Tube Co.  
 \*§Youngstown Steel Car Co. (Car Builders, etc.)  
 \*Youngstown Wire & Iron Co. (Fire Escapes, etc.)  
**ZANESVILLE**—\*Brown Mfg. Co. (Plows, Agrl. Impls., etc.)  
 \*Columbia Machine Co.  
 \*†§Dockary H. V. Brass & Iron Co.  
 \*†§Griffith & Wedge Co. (Engines, Saw Mill Machy., etc.)  
 \*†Jones Chas H. (Stoves, etc.)  
 \*Weller Samuel A. (Chemical Engines)  
 \*†Weidig Foundry Co.  
 \*†Zanesville Malleable Co. (Malleable Iron Fdrs.)  
 \*Zanesville Mould Co.

## OKLAHOMA.

**ALVA**—\*Bickel T. W.  
**ARDMORE**—\*§Jones-Everett Machine Co.  
**BARTLESVILLE**—\*†§Larkin J. J. (Oil Well Tools)  
 \*Marion Machine Fdry. & Supply Co.  
 \*†§Union Machine Co.  
**BLACKWELL**—\*Paine O. R.  
**CHICKASKA**—\*†§Chickaska Iron Works  
**COAL GATE**—\*†§Pounder H.  
**DEWEY**—\*Dewey Mfg. Co.  
**DURANT**—\*†§Durant Machinery & Iron Works  
**EL RENO**—\*†§El Reno Foundry & Machine Co.  
**ENID**—\*†§Enid Fdry & Machine Co.  
 \*Kingham R. L.  
 \*Young John A. Machine & Supply Co.  
**GUTHRIE**—\*†§Guthrie Iron Works  
**HOBART**—\*Roe Chas. S.  
**HUGO**—\*Schenck & Schenck  
**MCALISTER**—\*†§Union Iron Works  
**MANGUM**—\*Boyle P. J.  
**MUSKOGEE**—\*†§Eagle Hay Press & Implement Co. (Agricultural Impls., etc.)  
 \*Meister C. M.  
 \*†§Muskogee Iron Works  
**NOWATA**—\*†§Marion Machine, Fdry. & Supply Co.  
 \*Vandivort Wm. M.  
**OKLAHOMA**—\*†§Oklahoma City Foundry & Machine Co.  
 \*Prest Machine Works Co.  
 \*†§Sherman N. S. Machinery & Iron Works  
 \*Southwestern Mfg. Co.  
**SHAWNEE**—\*Fisher Alex.  
 \*†§Wilkinson J. C.  
**TULSA**—\*†§Oklahoma Iron Works  
 \*§Tulsa Machine & Tool Co.  
 \*§Tulsa Stove Co. (Sand Springs)  
**WOODWARD**—\*Boyle Bros.

## OREGON.

**ALBANY**—\*†Albany Iron Works (Flour Mill, Mining, etc.)  
 \*†§Watson Bros. Iron Works  
**ASHLAND**—\*†§Ashland Iron Works  
**ASTORIA**—\*†Pacific Iron Works (Mining & Saw Mill Machinery, etc.)  
 \*†§Scow Bay Iron & Brass Works  
**BAKER**—†Gyllenberg J. A.  
 \*McKim & Co. (Machinery)  
**EUGENE**—\*†§Frazer G. N.  
 \*†Gross Bros. (Fdrs. & Machinists)  
**GRANTS PASS**—\*†§Grants Pass Iron & Steel Works  
**MARSHFIELD**—\*†§Nelson Iron Works  
**NORTH BEND**—\*†§North Bend Iron Wks.  
**OREGON CITY**—†Oregon City Foundry  
**OSWEGO**—\*†Oregon Iron & Steel Co. (See Portland)  
**PENDLETON**—\*†§Pendleton Iron Works  
**PORTLAND**—\*Bell & Wildman, 619 Yesur  
 \*Bullington Engineering Works, Union av & E Ankeny

†Columbia Steel Co., 10th & Johnson. (See San Francisco, Cal.)  
 \*Cornfoot, Wm., 28 Albin av  
 \*§Harpers Brass Works (Brass Composition, Bronze, Machinists, etc.), 106 N. 5th  
 \*Harris Ice Machine Works, 174 E. Water  
 \*†Hess-Martin Iron Works (Engineers, Fdrs. & Machinists), 434 Belmont  
 \*Hicks Burt (Machinist), 350 E. Oak  
 \*Hippely Edward, 224 Oak  
 \*†Independent Foundry Co. (Grey Iron Castings, Structural Steel), 743 York  
 \*Isensee Wm. & Co. (Machinist), 414 B'way  
 \*†Leach Bros., 614 Hood  
 \*§Oregon Brass Works (Brass Castings, etc.), 2d & Everett  
 \*†Oregon Iron & Steel Co., Concord bldg. (Works: Oswego)  
 \*†Pacific Iron Works (Builders' Iron Works & Castings)  
 \*†§Phoenix Iron Works, E. 3d & Hawthorne  
 \*†Portland Iron Works, 14th & Northrup  
 †Portland Stove Works (Stoves), 626 Hood  
 \*Portland Wire & Iron Works, 2d & Columbia  
 \*†Smith & Watson Iron Works, 412 Front  
 \*Trenkman B. & Co., 106 N. 4th  
 \*Tuerck I. K.  
 †Tuerck & Mackenzie Machine Co., 160 E 3d  
 \*†Vulcan Iron Wks. (Chas. F. Machen, Prop.), Foot of Flanders  
 \*Webber J. A., 363 E. Washington  
 \*†Wood John Iron Works Co., E. 8th & E. Alder  
**ST. JOHNS**—†Pacific Stove & Range Mfg. Co. (Stoves, etc.)  
 \*†Peninsula Iron Works  
**SALEM**—\*Maurer John, 342-344 Center  
 \*†§Salem Iron Works  
 \*Wilson O. J., 388 N. Commercial  
**THE DALLES**—\*†Kirk J. B.

## PENNSYLVANIA.

**ADAMSTOWN**—\*Shirk A. G.  
**ALLEGHENY**—(See Pittsburgh)  
**ALLENTOWN**—\*†§Aldrich Pump Co. (Rolling Mill Machinery, High Duty Pumping Engines, etc.)  
**ALLENTOWN BOBBIN WORKS** (Steel Bobbins).  
 See adv index at end of book  
 \*Allentown Experimental Works  
 \*Bonney Vise & Tool Works (Vises, Tools, etc.)  
 See adv index at end of book  
 \*§Brey & Krause Mfg. Co.  
 †Daugherty Foundry Co. (Grey Iron Castings, Grate Bars, etc.)  
 \*Excelsior Knitting Machine Mfg. Co. (Knitting Machinery)  
 \*Grammes L. F. & Sons (Machinery Bldrs.)  
 \*International Motor Co. (See New York City)  
 \*Kutz & Gift (Capsule Moulds, etc.)  
 \*†§Lehigh Portland Cement Co.  
 \*†Mossor W. F. & Son (Iron Fdrs., Cement Machinery, etc.)  
 \*Nadig C. H. Mfg. Co. (Gasoline Engines, etc.)  
 \*†§Spangler Chas. (Grey Iron & Brass & Bronze Castings)  
 \*Taylor Wm. H. & Co.  
 \*†Traylor Engineering & Mfg. Co. (Mining Machinery). (See New York City)  
 \*§Vulcan Brass Works (R. Meisterknecht, Prop.)  
**ALTOONA**—\*Monarch Machine Works (Valves, etc.)  
**AMBRIDGE**—\*†§American Bridge Co. (Office, Pittsburg, Pa.)  
**ARDMORE**—\*Autocar Co.  
**ASHLAND**—\*†§Goynes Steam Pump Co. (Steam Pumps)  
**ATHENS**—\*†§Ingersoll-Rand Co. (See New York City)  
 See adv index at end of book  
 †§McDonald's T. R. Foundry  
**AVONMORE**—\*†National Roll & Foundry Co. (Rolling Mill & Plate Glass Machinery, etc.)  
**BANGOR**—\*†§Flory S. Mfg. Co. (Iron Fdrs., Hoisting Engines, Stone & Slate Working Machinery, etc.)

**BEAVER FALLS**—†Howard Stove Co. (Stoves & Ranges)  
 Ingram-Richardson Mfg. Co.  
 \*†Keystone Driller Co. (Well Drilling Machinery, Pumps, etc.)  
 \*†Knott & Harker Co. (Iron Fdrs, Pottery Machinery, etc.)  
 \*†Murphy Foundry Co. (Iron Castings, etc.)  
 \*†Penn Bridge Co. (Steel Bridges & Foundry & Machine Work)  
 \*Standard Gauge Steel Co. (Finished Machine Keys, Compressed Steel Elevator Guards, etc.)  
 \*†§Standard Scale & Supply Co. (See Pittsburgh, Pa.)  
**BEDFORD**—†Cromwell W. F.  
**BELLEfonte**—\*†Bellefonte Engineering Co. (Grey Iron Castings, Steam Hammers, etc.)  
**BELLEVILLE**—\*†§Hertzler & Zook Co.  
**BELLWOOD**—\*†Bellwood Mfg. Co. (Car & R. R. Castings)  
**BENROY**—\*†Strickler B. F. & Sons (Tobacco Scrap Machinery)  
**BERWICK**—\*†§American Car & Foundry Co. (See St. Louis, Mo.)  
**BERWYN**—\*§American Bronze Co.  
**BETHLEHEM**—\*§Roller-Smith Co. (Electrical Instruments, etc.)  
**BIRDSBORO**—\*†Birdsboro Steel Foundry & Machine Co. (Core Drills, Rolling Mill Machinery & Iron & Steel Castings, Turbine Castings, Marine Castings, Rock Crushers, Pressure Pumps, Presses, etc.)  
**BLAIRSVILLE**—\*†Blairsville Enamel Ware Co.  
 \*Blairsville Machine Works  
 \*†Tittle C. L.  
**BLOOMSBURG**—\*†Bloomsburg Car Mfg. Co.  
 \*†Harman & Hassert  
**BLOSSBURG**—\*†§Moore Thos. J.  
**BLUE BALL**—\*Shirk P. E. (Cigar Machines, etc.)  
**BOLIVAR**—\*†§Bolivar Foundry & Machine Co.  
**BOYERTOWN**—Megerly Chas. O.  
 \*Schlegel Daniel (Agrl. Impls.)  
 \*†§Union Mfg. Co. (Sad-Irons, etc.)  
**BRACKENRIDGE**—\*†Allegheny Steel Co. (Machine Shop & Foundry for Own Use). Office: Pittsburg, Pa.  
 †West Penn Steel Co.  
**BRADDOCK**—\*†American Steel & Wire Co.  
 \*†BRADDOCK MFG CO.  
 \*†§Carnegie Steel Co. (See Pittsburgh)  
 \*†§McVay-Walker Co. (Sanitary Enamelled Cast Iron Goods, Bath Tubs, etc.)  
 †Sterling Steel Fdry. Co.  
**BRADFORD**—\*†§Air Pump & Meter Co.  
 \*†Blaisdell Machinery Co. (Gas Engines, Air Compressors, etc.)  
 \*†§Bovaird & Co. (Engines, etc.)  
 \*†§Bovaird & Seyfang Mfg. Co. (Engines, Boilers, Pumps, Oil & Gas Well Supplies, Well Drilling Machinery, etc.)  
 \*§Bradford Motor Works (Oil Well Supplies & Brass Castings)  
 \*§Caldwell E. R. & Co. (Iron & Brass Fdrs., Steam Engines, Pumps & Oil Well Supplies)  
 \*Combination Engine & Compressor Co. (Gas Driven Compressors, Gas Engines, etc.)  
 \*†Custer Coupling Co. (Couplings, Clamps, etc.)  
 \*†Dresser S. R. Mfg. Co. (Pipe Couplings, Packers' Clamps, Sleeves & Fillings, etc.)  
 \*Ley Jno. (Oil Well Tools, etc.)  
 \*McElwaine Mfg. & Auto Co. (Gas Engines, etc.)  
 \*Phillips David Co. (Oil Well Tools, etc.)  
 \*Tuna Iron & Steel Works (Oil Well Tools)  
**BRAEBURN**—\*Braeburn Steel Co. (Small Machine Shop for Own Use)  
**BRIDGEPORT**—\*Gehret Bros.  
**BRISTOL**—\*Ardrey S. B. & Sons (Textile Machy., etc.)  
 †Harkins T. B. Foundry Co. (Stoves, Furnaces, etc.)  
 \*†Standard Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Castings)  
**BROWNSVILLE**—\*†§Herbertson John Sons (Mine Cars, etc.)  
**BRUNNerville**—\*†Bentz Frank B.  
**BURNHAM**—\*†§Standard Steel Wks. Co. (Steel Castings, etc.). (See Phila., Pa.)



**BUTLER**—\*†Butler Car Wheel Co. (Car Wheels, etc.)  
 \*†Butler Engine & Foundry Co. (Engines, etc.)  
 †Campbell J. G. & W. (Oil Well Supplies)  
 \*†Evans Mfg. Co. (Ltd.) (Engines & Gas Well Supplies)  
 \*Heeter C. M. Sons & Co. (Drilling & Fishing Tools, etc.)  
 \*Kesselman & Co. (Oil Well Supplies)  
 \*Larkin & Co. (Oil Well Tools, etc.)  
 \*Masseth Packer & Machine Works (Oil & Gas Well Packers, Pumps, etc.)  
 \*Phillips T. W. Gas & Oil Co. (Oil Well Supplies)  
 \*†Pittsburgh-Hickson Co. (Brass & Iron Beds)  
 \*Spang & Co. (Oil & Gas Well Supplies, Tools, etc.)  
 \*†Standard Steel Car Co. (Steel Cars & Trucks, etc.) (See Pittsburgh, Pa.)

**CALIFORNIA**—\*†California Foundry & Machine Co.

**CANONSBURG**—†Canonsburg Steel & Iron Works  
 \*†Fort Pitt Bridge Works. (See Pittsburgh, Pa.)

**CARBONDALE**—\*†Carbondale Machine Co. (Ice & Refrigerating Machy.)  
 \*†Cross Engineering Co. (Coal & Ore Machinery, etc.)  
 \*Hendrick Mfg. Co.

**CARLISLE**—\*†Frog Switch & Mfg. Co. (Frogs, Switches, etc.)  
 †Gardner E. J. Axle & Machine Co. (Axles & Machine Work)

**CARNEGIE**—\*†Adler H. Co. (Gas Stoves, etc.)  
 \*†Dixon H. L. Co. (Glassmakers' & Potters' Supplies)

**CATASAUQUA**—\*†Davies & Thomas Co. (Wrought & Machine Iron Castings for Every Purpose)  
 †Hercules Metal Works (Brass, Bronze & Copper Castings, etc.)  
 \*†Lehigh Car Wheel & Axle Works (Cars, Wheels & Axles, etc.)  
 \*Lenox Mfg. Co. (Sewing Machine Attachments)

**CENTER HALL**—\*Haney Carriage & Machine Co.

**CHAMBERSBURG**—\*†Chambersburg Engineering Co. (Steam Hammers, Cranes, etc.)  
 \*†Hafer Foundry & Machine Works  
 \*Hug A. C. (Machinist)  
 \*†Quincy Engine Co. (Gasoline Engines)  
 \*Schal Jno. D. & Co.  
 \*†Wolf Co. (Flour Mill ½ Power Transmitting Machinery)  
 \*†Wood's T. B. Sons Co. (Power Transmitting Machy.)

**CHESTER**—\*†American Steel Foundries (Open Hearth Steel). (See Chicago, Ill.)  
 \*Baldt Anchor Co. (Anchors, etc.)  
 \*Berry Engineering Co. (Steam Specialties)  
 \*Black John B. Co. (Est. of) (Edge Tools, etc.)  
 †Boulden Wm. M. & Son (Jobbing)  
 †Chester Steel Castings Co. (Open Hearth Steel Castings)  
 \*Cheyney Jno. H. & Co. (Machinists)  
 †Crown Smelting Co. (Brass Fdrs. & Machinery Castings, etc.)  
 \*†Federal Steel Foundry Co. (Open Hearth Steel Castings)  
 †Keystone Steel Casting Co. (Crucible Steel Castings & Gear Blanks)  
 \*Niagara Hydraulic Engine Co. (Hydraulic Engines, etc.)  
 Penn Steel Castings & Machine Co.  
 Seaboard Steel Casting Co.  
 \*†Wetherill Robt. & Co. (Corliss Engines, Paper & Pulp Mill Machy., etc.)

**CHESTNUT LEVEL**—\*Brown J. Edgar

**CHICORA**—\*Bowers Warren

**CHRISTIANA**—\*†Christiana Machine Co. (Mill Machy.)

**CLEARFIELD**—\*†Clearfield Machine Shops (Fire Brick Machy., etc.)  
 \*Gearhart Knitting Machine Co. (Knitting Machines)

**CLEONA**—\*Imboden Harrow & Roller Co. (Agrl. Implements)

**COATESVILLE**—\*†Coatesville Foundry & Machine Co. (Grey Iron Castings, etc.)

\*†Lukens Steel Co. (Steel Castings, all Consumed by the Company; also Machine Shops for Repairs)  
 \*†Ridgway, Craig & Son Co. (Elevators, etc.)  
 \*Worth Bros. Co. (Well Equipped Machine Shop)

**CODORUS**—\*†Auchey's Abraham G. & Sons (Iron Fdry., etc.)

**COLUMBIA**—\*†Columbia Mfg. Co. (Laundry Machy.)  
 \*†Keeley Stove Co. (Stoves, Ranges & Furnaces)  
 \*O. K. Clutch & Machinery Co. (Power Transmission Machinery)  
 †U. S. Lock & Hardware Co.

**CONNELLVILLE**—\*†Boys, Porter & Co. (Steam Pumps, etc.)  
 \*†Connellsville Iron Works (Boilers, Tanks, etc.)  
 \*†Connellsville Machine & Car Co. (Pumps, Engines, Mine Fans & Iron & Brass Castings, etc.)  
 \*†Connellsville Mfg. & Mine Supply Co. (Coal & Coke Works Equipment)  
 †Munson Heater Co. (Ltd.) (Heaters, etc.)

**CONSHOHOCKEN**—\*†Bate Wm. T. & Son  
 \*†Messinger's H. C. Sons (Stoves, etc.)  
 \*Wood Jno. Mfg. Co. (Boilers, Tanks & Iron Fdrs.)

**CORAOPOLIS**—\*†Duquesne Steel Foundry Co. (See Pittsburgh, Pa.)  
 \*Shamburg & Allen Machine Co.

**CORRY**—\*†Ajax Iron Works (Steam Engines)  
 \*†Climax Mfg. Co. (Logging Locomotives & Cars, etc.)  
 \*†Love Mfg. Co. (Grate Bars, Mine Car Wheels, etc.)  
 \*Trill Indicator Co. (Indicators, Reducing Wheels, etc.)  
 \*†U. S. Brake Shoe Co. (& Walton, N. Y.)

**COUDERSPORT**—\*Coudersport - Mangle Roller Mfg. Co. (Mangle Rollers)  
 \*†Currier-Koeth Mfg. Co. (Tools, etc.)

**COWANESQUE**—\*†Rieppel John (Tools, etc.)

**CREIGHTON**—†Yost Bros.

**CRUM LYNNE**—\*Eagan-Rogers Steel & Iron Co. (Steel Castings)

**DALTON**—\*†Dalton Supply Co.

**DANVILLE**—Brown Will G. (Machinist)  
 \*†Danville Foundry & Machine Co. (Rolling Mill Machy., Engines, Grey Iron & Brass Castings, etc.)  
 †Danville Stove & Mfg. Co. (Stoves & Furnaces)

**DELTA**—\*Sidwell C. W.

**DICKSON CITY**—†Early Foundry Co.

**DUBOIS**—\*†Dubois Iron Works (Mining, Tannery & Saw Mill Machinery, Grey Iron Castings, etc.)  
 \*†Osborn Machine Co. (Brass & Grey Iron Castings & Machine Work)

**EAST BANGOR**—\*†East Bangor Mfg. Co. (Castings & Specialties)

**EAST BROOK**—\*Hinkson Bros. (Machinists)

**EAST DOWNINGTON**—\*†Downington Mfg. Co. (Paper & Pulp Mill Machy., etc.)

**EAST GREENVILLE**—\*†Haas Harvey B.

**EASTON**—\*†Easton Brass & Machine Works  
 \*Easton Tool & Machine Co. (Vises, etc.)  
 \*Hobson & Co. (Agrl. Implmts. & Machy.)  
 \*†Ingersoll-Rand Co. (See New York City) See adv index at end of book  
 †Kuebler Foundries (Grey & Malleable Iron & Steel Castings)  
 \*†Treadwell Engineering Co. (Pipe Cutting & Threading Machines, Heavy Castings, etc.)  
 \*†Wilson Bros.  
 \*†Wilson Jacob (Est. of)  
 †Wilson Stove & Mfg. Co. (Stoves, etc.)

**EAST PITTSBURGH**—\*†PITTSBURG METER CO. (Gas Meters, etc.)  
 \*†WESTINGHOUSE ELECTRIC & MFG. CO. (Electrical Machinery, Engines, etc.)  
 See adv index at end of book

**EAST PROSPECT**—†Strickler Frank

**EAST STROUDSBURG**—Cameron Engineering Co. (Cranes & Trolleys)  
 \*†Stauffer Geo. E. (Engines & Flour Mill Machinery, etc.)

**EBENSBURG**—\*†Ebensburg Foundry & Machine Co.

**ECKERT**—\*Sittler Peter (Wagons)

**EDDYSTONE**—†Baldwin Locomotive Works  
 \*†Belmont Iron Works. (See Phila., Pa.)  
 \*†Eddystone Mfg. Co. (See Burnham, Williams & Co., Philadelphia, Pa.)  
 †Pennsylvania Iron Works Co. (Marine Engines)  
 \*Tindel Morris Co. (Machine Tools, etc.)

**ELIZABETHTOWN**—\*†Buch's A. Sons Co. (Lawn & Road Rollers, Fanning Mills)

**ELIZABETHVILLE**—\*†Swab Foundry Co. (Castings, etc.)

**ELKLAND**—\*†Bedell Andrew S.

**ELKLICK**—\*Haselbarth C. R. & Son (Hardware, etc.)

**ELLWOOD CITY**—\*†Burrows Foundry Co. (Iron Castings)  
 †Ellwood Foundry Co.  
 \*Mathews Gravity Carrier Co. (Conveying Machy.)  
 \*†Standard Engineering Co. (Rolling Mill)  
 \*†Steel Car Forge Co. (See Pittsburgh, Pa.)  
 \*Tindel-Morris Co. (Machine Tools, etc.) (See Eddystone, Pa.)

**ELYSBURG**—\*†De Shay D. H. (Farm Implements & Castings of All Kinds)

**EMAUS**—\*†Donaldson Iron Co. (Cast Iron Pipe)

**EMPORIUM**—\*†Emporium Machine Co.

**EPHRATA**—\*†Ephrata Foundry & Machine Works (Castings & Cast Iron Troughs, etc.)

**ERIE**—†American Beauty Stove Co. (Stoves, etc.)  
 \*†American Sterilizer Co.  
 \*†Ball Engine Co. (Steam Engines, Machinery, Castings, etc.)  
 \*Bay State Iron Works (Portable Engines, etc.)  
 \*Brown Folding Machine Co. (Paper Folding Machines, Rubber Machinery, etc.)  
 \*Burke Electric Co. ("Burke" Electric Motors, etc.)  
 \*Bury Compressor Co. (Air Compressors, Vacuum Pumps, etc.)  
 \*Campbell J. B. Brass Works (Brass Fdry. & Finisher & Plumbing Goods)  
 †Cascade Foundry Co. (Grey Iron Castings)  
 \*Chapman C. L. Cream Separator Works  
 \*†Erie City Iron Works (Steam Engines, etc.)  
 \*Erie Clutch & Pulley Co. (Pulleys, Hangers, etc.)  
 \*Erie Engine Works (Steam Engines, etc.)  
 \*†Erie Foundry Co. (Steam Hammers, etc.)  
 \*Erie Machine Shops (P. W. Dietley, Prop.)  
 \*†Erie Malleable Iron Co. (Malleable)  
 \*Erie Pump & Equipment Co. (Engines & Pumping Machinery)  
 \*Erie Specialty Co. (Hdw. Specialties, etc.)  
 \*Erie Tool Works (Pipe Cutters, Vises, etc.)  
 †Erie White Metal Co. (Babbitt Metal, etc.)  
 †Eriez Stove & Mfg. Co. (Stoves, etc.)  
 \*Fulton Mfg. Co. (Marine Engines)  
 \*Germann Bronze Co. (Brass & Bronze Castings)  
 †Germer Stove Co. (Stoves, etc.)  
 †Globe Iron Works  
 \*Griffin Mfg. Co. (Builders' Hdw., etc.)  
 \*Harrington Machine Co. (Machine Tools, etc.)  
 \*Hays Mfg. Co. (Iron & Brass Goods for Gas & Water)  
 \*Heisler Locomotive Works (Geared Locomotives, etc.)  
 \*Hollands Mfg. Co. (Bench Vises & Pipe Tools)  
 \*†Jarecki Mfg. Co. (Iron & Brass Fdrs., Malleable & Grey Iron Steam Fittings & Oil & Gas Well Supplies, etc.)

\*†Keystone Brass Co.  
 \*Lovell Mfg. Co. (Clothes Wringers, etc.)  
 \*Merwin Mfg. Co. (Bench Shears, etc.)  
 \*Metric Metal Works (Gas Meters)  
 \*Modern Tool Co. (Dies, Tools, etc.).



\*†Nagle Corliss Engine Works (Corliss & Automatic Engines & Heavy Castings)  
 \*†Nagle Engine & Boiler Works (Steam Engines, etc.)  
 †National Foundry Co. (Steel Castings)  
 †Odin Stove Mfg. Co. (Gas Stoves, etc.)  
 \*Parker White Metal & Machine Co. (Castings)  
 †Patterson & Stirling (Hot Air Furnaces)  
 †Penna. Boiler Works  
 \*Reed Mfg. Co. (Pipe Wrenches, etc.)  
 \*Sims Co. (Steam Specialties)  
 \*†Skinner Engine Co. (Steam Engines, etc.)  
 \*Standard Saw Mill Machinery Co. (Saw Mill Machinery, etc.)  
 \*Steiner Mfg. Works (Tools, Emery Grinders, etc.)  
 \*†Union Iron Works (Boilers, etc.)  
 †Urick Foundry Co. (Grey Iron Castings)  
 \*§Victoria Metal Co.  
 †Walker Foundry Co. (Grey Iron Castings)  
 \*Watson N. A. (Boiler Injectors, etc.)  
 \*Williams Tool Co. (Pipe Threading & Bolt Cutting Machines, etc.), 745 W 12th  
 ETNA—†Etna Foundry Co. (Sash Weights)  
 §Roessing Bronze Co. (Brass & Bronze Fdrs., etc.)  
 \*Spang, Chalfant & Co. (Works Contain Two Machine Shops). (Office: Pittsburgh, Pa.)  
 EVERETT—\*†Pettigrew Wm.  
 FLEETWOOD—\*Merkel A. P.  
 FORD CITY—\*†Pittsburgh Plate Glass Co. (See Pittsburgh, Pa.)  
 FRANKLIN—\*†American Steel Foundries (Steel Castings)  
 \*†Chicago Pneumatic Tool Co. of N. J. (See Chicago, Ill.)  
 \*Colburn Machine Tool Co. (Boring & Turning Mills, Sew Tables, Drill Presses, etc.)  
 \*†Emery W. N. & Son (Iron Fdrs. & Machinists)  
 \*Franklin Portable Crane & Hoist Co. (Portable Cranes & Hoists), Printz blk.  
 \*§Hough Chas. N. Mfg. Co. (Oil Well Specialties, Brass Founders, etc.)  
 \*†Lane D. T. & Sons  
 \*Milton S. G. & Son (Hoists, etc.)  
 \*Producers' Supply Co. (Gas & Gasoline Engines & Oil Well Supplies)  
 \*Sheridan Jas & Sons  
 \*†Venango Mfg. Co. (Railway Specialties)  
 FREEBURG—\*†§Harman & Moyer  
 FREEMANSBURG—†Shimer Wm. Son & Co. (Iron Founders & Hardware Specialties)  
 FULLERTON—\*†§Dent Hardware Co. (Hardware, etc.)  
 †Lehigh Car Wheel & Axle Works  
 \*†Lehigh Foundry Co. (Light & Heavy Grey Iron Castings, Rubbing Beds, etc.)  
 GIRARD—\*Girard Model Works  
 †Lake Erie Foundry Co. (Grey Iron Castings, Stoves, etc.)  
 GLASSPORT—\*American Axe & Tool Co.  
 \*†Pittsburgh Steel Foundry Co. (See Pittsburgh, Pa.)  
 GREENCASTLE—\*Waeck Henry S. (Agrl. Impls.)  
 GREENMOUNT—\*Null Geo. W.  
 GREENSBURG—\*†§Hempfield Foundry (Mine Cars, Wheels, etc.)  
 \*Henry & Sheffer Machine & Auto Co.  
 \*†§Kelly & Jones Co. (See Pittsburgh Pa.)  
 GREENVILLE—Chicago Bridge & Iron Works, 108 Pine (See Chicago, Ill.)  
 See adv index at end of book  
 \*†§Hodge Mfg. Co. (Iron Fdrs. & Machinists)  
 GROVE CITY—†Bessemer Foundry Co. (Grey Iron Castings)  
 \*†Bessemer Gas Engine Co. (Gas Engines)  
 \*Bessemer Motor Truck Co. (Auto Trucks)  
 \*Carruthers & Fitlian Clutch Co. (Clutches, etc.)  
 \*§Imperial Co. (Plumbers Brass Goods)  
 GROVETON—\*†Lewis Foundry & Machine Co. (See Pittsburgh)

HAMBURG—†Confer, Smith & Co.  
 †Hamburg Plow Works  
 \*†Keiser Bros. (Radiators, etc.)  
 \*†Loose Saml. A. & Son (Plows, etc.)  
 \*†Neiman & Saul  
 \*†Snell John H. & Sons  
 HANOVER—\*†§Fitz Water Wheel Co. (Water Wheels)  
 \*Flickinger Bros.  
 \*Flickinger John D.  
 \*†Levering Bros.  
 HARMONY—\*†Flowers Foundry Co.  
 HARRISBURG—\*†Boll Bros. Mfg. Co. (Iron & Brass Bedsteads)  
 †Central Iron & Steel Co.  
 \*†Cooper E. N. & Co.  
 \*Elliott-Fisher Co. (Book Typewriters & Billing Machines)  
 §Harrisburg Brass & Bronz Foundry  
 \*Harrisburg Foundry & Mach. Works (Steam Engines, etc.)  
 \*†Harrisburg Mfg. & Boiler Co.  
 \*Harrisburg Pipe & Pipe Bending Co. (Pipe & Coil)  
 \*Harrisburg Roll Grinding & Corrugating Co.  
 \*†§Hickok W. O. Mfg. Co. (Bookbinders' Machy., Iron & Brass Fdrs)  
 †Lalace & Grosjean Mfg. Co. (See New York City)  
 HAZLETON—\*Anthracite Separator Co.  
 \*Harleigh Iron Works Co.  
 \*†§Hazleton Iron Works Co. (Fdrs. & Machinists)  
 \*†§Worthington Pump & Machinery Corp. (Jeanesville Works)  
 HOKENDAUQUA—†Thomas Iron Co.  
 HOLLIDAYSBURG—\*†§McLanahan-Stone Machine Co. (Iron Fdrs. & Stone Working Machinery, etc.)  
 HOMESTEAD—\*†Carnegie Steel Co. (Fdry. Dept.) (See Pittsburgh)  
 \*Homestead Iron Works  
 \*†§Homestead Valve Mfg. Co. (Valves & Steam Goods, Iron & Brass Fdrs.)  
 \*†§Mesta Machine Co. (Rolling Mill Machinery & Castings, etc.) (See Pittsburgh)  
 \*†National Car Wheel Co. (See Pittsburgh, Pa.)  
 HONESDALE—\*Gibbs Chas. E.  
 \*†§Gurney Electric Elevator Co.  
 HOPEWELL—\*†§Simon John W.  
 HUGHESVILLE—\*†§Snowden Bros.  
 HUNTINGDON—\*†§Gerloch H. W.  
 HYDE PARK—\*†§Hyde Park Fdry. & Mach. Co. (Rolling Mill Machy. & Castings)  
 INDIANA—†Indiana Foundry Co.  
 IRWIN—\*†§Irwin Foundry & Mine Car Co.  
 \*Penn Electrical & Mfg. Co.  
 IVYLAND—\*Hobensack Wm.  
 JEANNETTE—\*†Elliott Co. (Mine Fans)  
 \*Jeannette Machine Co.  
 \*†Pittsburgh Lamp, Brass & Glass Co. (See Pittsburgh, Pa.)  
 JERSEY SHORE—\*§American Balance Valve Co. (Valve Mfrs., etc.)  
 †§Trump F. & E. D. (Iron Fdrs. Machinists)  
 JOHNSONBURG—\*†§Johnsonburg Machine Co.  
 JOHNSTOWN—\*†§Cambria Steel Co. (Founders, Machinists & Steel Mfrs.)  
 \*Century Stove & Mfg. Co. (Gas Stoves, etc.)  
 \*Flood City Mfg. Co. (Brass & Bronze Parts & Castings, for Electric Railway, Mills & Mines)  
 †Globe Iron Foundry Co.  
 \*†§Lorain Steel Co.  
 \*†National Radiator Co. (Radiators, etc.)  
 \*†§Suppes Forge & Foundry Co. (Iron & Brass Castings, Mining Machinery & Mine Cars)  
 KANE—\*Kane Supply Co. (Machinists)  
 \*†Moser Mfg. Co.  
 KENNETT SQUARE—\*†American Road Machinery Co. (Road Making Machy., etc.)  
 \*†Good Roads Machinery Co. (Road Making Mach'y)  
 \*†§Kennett Foundry & Machine Co.  
 KITTANNING—\*†§Hoe & Gallaher Fdy. & Machine Co.  
 \*†Kittanning Plate Glass Co. (Fdry. Dept.)  
 †McCullough Jas., Jr. (Iron Fdry., etc.)

KUTZTOWN—\*†KUTZTOWN FDRY. & MACHINE CO. (See Philadelphia, Pa.)  
 See adv index at end of book  
 LACEYVILLE—Edwards Mfg. Co. (Log Turners, etc.)  
 \*Vandervort John  
 LANCASTER—\*†§Barry & Zecher Co. (Foundry Cupolas, etc.)  
 \*Bowman's Ezra F. Sons (Watchmakers' Tools, etc.)  
 \*Calder Geo. H. (Emery Wheel Dressers)  
 †Carbon Steel Casting Co.  
 \*†Champion Blower & Forge Co. (Iron Fdrs., Blowers, Portable Forges, etc.)  
 \*Dellinger A. M. (Machines)  
 \*Fidelity Electric Co. (Electric Motors & Fans)  
 \*§Fram Edw. T. Lock Co. (Locks, Castings, etc.)  
 See adv index at end of book  
 \*Hamilton Watch Co. (Watches, etc.)  
 \*†§Hubley Mfg. Co. (Light Grey Iron Castings, Brass Pattern Work, etc.)  
 \*Koch Alfred S. & Sons (Jewelers' Tools, etc.)  
 †Lancaster Foundry Co. (Malleable Iron Castings)  
 †Lancaster Machine & Structural Works  
 \*§Miller J. Walter Co.  
 \*National Safety Fifth Wheel Co. (Fifth Wheels, etc.)  
 \*Potts D. H. Co. (Portable Forges, etc.)  
 \*§Safe Padlock & Hardware Co. (Shelf Hdwe. & Brass Castings)  
 \*Schmid Bros.  
 \*§Slaymaker Lock Co. (Locks; etc.)  
 \*Vondersmith Harry M.  
 \*Welchans Albert C. (Elevators, etc.)  
 LANDISVILLE—\*Minnich Machine Works (Baling Presses, etc.)  
 LANESBORO—\*†Barnes Mfg. Co. (Machinists, etc.)  
 LANSDALE—\*†Central Radiator Co.  
 †Cox Abram Stove Co. (Stoves, etc.)  
 (See Philadelphia, Pa.)  
 \*†§Heebner & Sons (Agrl. Impls., Grey Iron & Brass Castings)  
 \*†Krupp Foundry Co. (Cast Iron Pipe & Fittings, etc.)  
 LANSDOWNE—†Crucible Steel Casting Co. (Steel Castings)  
 LATROBE—\*†Latrobe Electric Steel Co. (Castings)  
 \*§West Latrobe Foundry & Machine Co.  
 LATTIMER MINES—\*†§Lattimer Fdry. & Machine Co.  
 LEBANON—\*†Buchanan Fdy. Co. (Iron Fdrs.)  
 \*Fry Edward G.  
 \*†Hunsicker Engineering Co. (Castings, etc.)  
 †Iron City Foundry Co. (Iron Castings)  
 †Lebanon Steel Foundry (Crucible Steel Castings)  
 †Lebanon Stove Co. (Stoves)  
 \*Louden Machine Works  
 \*†§North Lebanon Foundry Co.  
 †§Ream Foundry Co.  
 †Union Boiler & Mfg. Co.  
 †§Washington Street Brass & Iron Fdry  
 \*†Weimer Chain & Iron Co.  
 \*†§Weimer Machine Works Co. (Rolling Mill & Blast Furnace Machinery, etc.)  
 LEETSDALE—\*Tate, Jones & Co.  
 See adv index at end of book  
 LEHIGHTON—†Crescent Stove & Mfg. Co. (Stoves, etc.)  
 \*Lehigh Stove & Mfg Co. (Hot Air Furnaces, etc.)  
 LEOLA—\*Leola Machine Co.  
 LEONA—Ely E. C. Co. (Hdw. Specialties, etc.)  
 LERAYSVILLE—†Bailey E. M. & Son (Iron Fdry. & Plows, etc.)  
 LEWISBURG—\*†§New Central Foundry Co.  
 LEWISTOWN—\*†§Lewistown Fdry. & Machine Co.  
 \*Mann Edge Tool Co. (Edge Tools, Axes, etc.)  
 \*Mann Jas H. Co. (Tools, Axes, etc.)  
 LINESVILLE—\*Van Slyke F. J. & Son  
 LOCKHAVEN—†Novelty Iron Works  
 LOCUST VALLEY—\*†Hersh Harvey M.  
 LUZERNE—\*†§Luzerne Mfg. Co. (Mine Drills, etc.)



- McDONALD—\*Tillinghast B. D. (Machinist)
- McEWENSVILLE—†Gearhart Wm. L. & Son
- McKEESPORT—†Fort Pitt Steel Casting Co. (Steel Castings)
- \*†Monongahela & Yough Foundry Co.
- \*†National Tube Co. (Foundry Dept.). (See Pittsburgh.)
- \*§Sheermesser H. S.
- \*Smith, Nimmo & Co. (Ornamental Iron Work)
- McKEES ROCKS—†Fort Pitt Malleable Iron Co. (See Pittsburgh, Pa.)
- \*McKay Jas. Co. (Chains, etc.). (See Pittsburgh)
- \*†Pressed Steel Car Co. (See Pittsburgh)
- \*†Taylor-Wilson Mfg. Co. (Iron Founders, Pipe Mill & Special Machy., Machine Moulded Gears, etc.)
- McVEYTOWN—\*†Stine Samuel R.
- MACUNGIE—\*§Macungie Brass & Mfg. Co.
- \*§Neumeyer H. F. & Son (Brass Fdry. & Nozzles & Couplings)
- MAHANAY CITY—\*†Grant Iron Works (Steam Engines & Pumps, Car Wheels, etc.)
- MANHEIM—\*†Bond Foundry & Machine Co. (Power Transmitting Machinery)
- \*†Hershey Machine & Foundry Co.
- MARIANNA—\*†Johnetta Fdry. & Machine Co.
- MARIETTA—†Marietta Casting Co.
- \*†Marietta Hollow Ware & Enameling Co.
- MARS—\*Sheridan Jno. J. & Co. (Machinists & Drilling Tools)
- \*†Vette Foundry & Machine Co. (Grey Iron Castings, also Machine Shop)
- MAUCH CHUNK—\*†Mauch Chunk Iron Wks. (Coal Miners Machinery, etc.)
- MEADVILLE—\*Barrette Machine Tool Co. (Machine Tools, etc.)
- \*§Bronze Metal Co. (See New York, N. Y.)
- \*Champion Tool Co. (Blacksmiths' Tools)
- \*Dowell H.
- \*Hookless Fastener Co.
- \*McCrosky Reamer Co. (Chucks, Reamers, etc.)
- †Meadville Malleable Iron Co. (Malleable Iron Castings)
- \*Meadville Metallic Vault Co.
- \*†Page W. H. Boiler Co. (Heaters, etc.). (Office: New York City)
- \*†Phoenix Iron Works Co. (Steam Engines, etc.)
- \*Spirella Co.
- \*Uwanta Wrench Co. (Wrenches, etc.)
- \*Yost G. M. Mfg. Co. (Vises, etc.)
- MECHANICSBURG—\*Comstock Geo. S. & Son
- \*Potts Mfg. Co. (Machinists, etc.)
- \*Wilcox D. Mfg. Co. (Carriage Hdw., etc.)
- MEDIA—\*Wood Wm. H. (Special Machy., etc.)
- MERCER—†Reznor Mfg. Co. (Gas Stoves, etc.)
- MEYERSDALE—\*†Boucher Milton H. (Iron Founder)
- MIDDLETOWN—\*†Middletown Car Co. (Cars & Castings)
- \*†§Wincroft Stove Works
- MIDLAND—\*†Pittsburgh Iron & Steel Foundries Co. (Axle Boxes, Brake Shoes, Iron Fdrs., etc.)
- MIFFLINBURG—\*†Albright Jas. H. & Sons (Agrl. Implements, Cultivators, Harrows, Rakes, etc.)
- MILFORD SQUARE—\*Weisel Harvey H.
- MILLERSBURG—\*Alvord Reamer Co. (Reamers)
- \*Lenker Frank K. & Co. (Saw Mill Machinery)
- \*Millersburg Fifth Wheel Co. (Fifth Wheels, etc.)
- \*Polk A. J. & Son (Screw Plates, Taps, Dies, Reamers, etc.)
- MILLHEIM—\*†Hartman J. H. B. Co.
- MILTON—\*†American Car & Foundry Co. (See St. Louis Mo.)
- \*Milton Mfg. Co. (Nuts, Washers, etc.)
- †§Shimer Sam'l J. & Sons (Ettinger Cutter Heads, etc.)
- MONACA—\*†United States Sanitary Mfg. Co. (See Pittsburgh, Pa.)
- MONESSEN—\*†Monessen Fdry. & Machine Co.
- \*Page Woven Wire Fence Co. of N. J. (See Adrian, Mich.)
- MONONGAHELA—\*†§Coshocton Iron Co. (Iron Castings, etc.)
- \*†Cyclops Foundry Co. (See Pittsburgh)
- \*Liggett Spring & Axle Co. (Carriage Axles & Springs, etc.) (See Pittsburgh, Pa.)
- \*Simmons Foundry & Machine Works
- \*Tempest & Ternent
- MONROETON—\*†§Loetzer Valve & Mfg. Co. (Valves, Fire Hydrants, etc.)
- MONT CLARE—†Hallman Oliver F. (Cast Iron Pipe Fittings)
- MONTGOMERY—\*†American Woodworking Machinery Co. (Woodworking Machy.) (See Rochester, N. Y.)
- MONTROSE—\*†Beach Mfg. Co. (Woodworking Machinery)
- MORGANTOWN—\*Sweigart Abraham R. (Jobbing)
- MOSCOW—\*†§Swartz Philip & Sons
- MOUNT CARMEL—\*†§Mount Carmel Iron Wks. (Coal Mining Machinery, etc.)
- MOUNT JEWETT—\*Weeks Scale Works (Sales, etc.)
- MOUNT JOY—\*†§Grey Iron Casting Co. (Hardware Specialties & Light & Heavy Castings)
- \*†New Standard Hardware Works (Food Choppers, etc.)
- \*Rollman Mfg. Co. (Ltd.) (Iron Novelties)
- MOUNT PLEASANT—†Lentz Henry
- MOUNTVILLE—\*†Mountville Mfg. Co. (Agrl. Impls., Plows, Planters, Corn Shellers, etc.)
- MUNCY—†Artley Bros. (Agrl. Impls.)
- \*†Robinson Mfg. Co. (Flour Mill Machy.)
- \*†§Sprout, Waldron & Co. (Flour Mill Machinery, etc.)
- MYERSTOWN—†Dubble & Zinn
- \*Myers E. H. Mfg. Co. (Gasoline Engines, etc.)
- \*†Painter Jos. & Sons
- NANTICOKE—\*Bittenbender W. W. & Co. (Machinists & Mine Drills)
- \*Norman Slate Picker Co. (Slate Picking Machines)
- NAZARETH—\*†Nazareth Foundry & Machine Co. (Iron Castings & Machine Work)
- NEW BRIGHTON—†Damascus Crucible Steel Casting Co.
- \*Keystone Bronze Co.
- \*Pittsburg Machine Co. (Gas or Gasoline Engines)
- \*Riedel & Sons Mfg. Co.
- \*†Standard Sanitary Mfg. Co. (See Pittsburgh, Pa.)
- \*Standard Specialty & Tube Co. (Collapsible Tube Filling & Closing Machines)
- \*Townsend C. C. & E. P. Co. (Wire Rivets, Nails, etc.)
- NEW CASTLE—\*§American Car & Ship Hardware Co. (Brass Car Trimmings & Castings)
- \*Douds Frank C. & Co. (Steam & Water Specialties)
- \*†Federal Radiator Co.
- \*New Castle Steel & Iron Co. (See Pittsburgh, Pa.)
- \*†Penna Engineering Works (Rolling Mill Machy. & Castings)
- †Stove & Range Co. of Pittsburgh
- NEW KENSINGTON—\*†Aluminum Co. of America. (Office: Pittsburg)
- \*Aluminum Cooking Utensil Co.
- \*†Union Spring & Mfg. Co. (Springs, Steel Castings, etc.)
- NEW OXFORD—\*Weaver & Co. (Feed Cutters, etc.)
- NEWSIDE—\*†Peter F. N. & Bro. (Iron Railings, etc.)
- NEWVILLE—\*Whistler J. C.
- NORRISTOWN—\*†Fowler & Wolfe Mfg. Co. (Radiators). (See Phila., Pa.)
- \*†Haines, Jones & Cadbury Co. (See Philadelphia, Pa.)
- \*†Harrison Safety Boiler Works. (See Philadelphia, Pa.)
- \*Lowndes & Butler
- \*†Newbold R. S. & Son Co. (Rolling Mill Machy. & Castings, etc.)
- \*Reading Screw Co. (Screws & Specialties)
- \*Rittenhouse Frank (Confectioners' & Tack Machy., etc.)
- \*Rittenhouse Wm. H.
- \*Walton Luther
- \*†§Wildman Mfg. Co. (Knitting Machines)
- NORTH EAST—\*§Eureka Co. (Commutators, etc.)
- \*†Fernald Mfg. Co. (Hardware & Harness Specialties)
- NORTHUMBERLAND—\*Keystone Forging Co. (Fifth Wheels, etc.)
- NORTH WALES—\*Armstrong Truck Co. (Trucks & Casters)
- †North Wales Foundry Co. (Grey Iron Castings)
- \*†§North Wales Machine Co. (Hack Saw Machines, Bench Grinders & Grey Iron & Brass Castings)
- OGONTZ—\*Hammond C. & Son (Edge Tools, Hammers, Sledges, etc.)
- OIL CITY—\*Boardman Robt. Co. (Oil & Gas Well Tools, etc.)
- \*Condren Mrs. Wm. Marine (Machinist)
- \*Logan Robt. (Engines & Oil Well Supplies)
- \*†§National Transit Pump & Machine Co. (Grey Iron, Brass & Steel Castings, Gas Engines, Pumps, etc. See adv index at end of book)
- \*†§Oil City Boiler Works (Steam & Gas Engines, etc.)
- †Oil City Foundry Co.
- \*†§Oil Well Supply Co.
- \*†§Reid Jos. Gas Engine Co. (Gas Eng., etc.)
- \*Simon August (Machinists)
- OLYPHANT—†Olyphant Foundry Co.
- ORANGEVILLE—\*†§Conner J. W. & Son (Agrl. Impls. & Castings)
- OSCEOLA MILLS—\*†§Stine S. B. (Mine Fans, Haulage, Engines, etc.)
- PARKERS LANDING—\*Schenck Mfg. & Supply Co.
- PARKERSBURG—\*Parkersburg Stamping & Mfg. Co.
- PATTON—\*Cole Bros. (Machinists)
- PENN STATION—\*†American Fdry. & Pipe Co. (See Pittsburgh, Pa.)
- \*†§Hockensmith Wheel & Mine Car Co.
- PERKASIE—\*Kramer Wm. K.
- PETROLEUM CENTER—\*Betts W. L.
- PETROLIA—\*Berry Lewis D.
- PHILADELPHIA—†Adams Wm. Fdry. Co. (Iron Fdrs., Builders' & Other Castings, etc.). 960 N. 9th
- \*Adams & Westlake Co., 2218 W Ontario. (See Chicago, Ill.)
- †Aetna Foundry Co., 22nd & Allegheny av
- \*Ajax Metal Co. (Brass Fdrs., Smelters & Bearings, etc.), 46 Richmond
- \*Albro-Clem Elevator Co. (Elevators), 7th & Glenwood av
- \*Allen Alonzo W. (Machinist), 2427 Mascher
- \*Allen A. & Co. (Machinists), 2001 Carpenter
- \*Allen Iron & Steel Co., 3rd & Venango
- \*†Allen S. L. & Co. (Agrl. Impls.), Denckla bldg
- \*Altemus Jacob K. (Textile Machy.), 2824 N 4th
- \*†§American Bridge Co. of New York (Pencoyd Works), Penn. bldg
- \*†American Engineering Co. (Stokers, Windlasses, Hoisting Engines, Iron Castings, etc.), Aramingo & Cumberland
- \*†American Fork & Hoe Co. Ashland Fkd. Creek. (See Cleveland, O.)
- \*American Insulating Machinery Co. (Wire Winding Machy., etc.), Huntington & Fairhill
- \*†American Machinery Co., 1229 Cal-lowhill
- \*American Manganese Bronze Co. 3501 Rhawn
- \*American Metal Works, 326 Armat, Gtr.
- \*American Meter Co., 3112 N 17th
- \*Baeuerle & Morris Sugar Machinery), 932 N. Front
- \*Bagshaw & Field (Machine Tools), 445 N 5th
- \*†Baizley Jno. Iron Works (Builders' Iron Work & Castings), 514 S Del. av
- \*†§Baldwin Locomotive Works (Locomotive Builders)
- \*†Barker Jas. (Iron Foundry, Cotton & Woolen Mach'y & Grey Iron Castings), 6th & Cayuga
- \*Barnett G. & H. Co. (Files, etc.), 1076 Fkd av
- \*BECK CHAS. CO. (Paper Box Machinery, etc.), 607 Chestnut
- See adv index at end of book



- \*Belfield H. Co. (Brass Fdrs., Valves & Steam Specialties, etc.), 435 N Broad
- †Belmont Iron Works, 22d & Washington av
- †Bement Miles Works, 21st c Callowhill. (See Niles, Bement, Pond Co.)
- \*†Bernstein Mfg. Co. (Metallic Bedsteads, Grey Iron Castings, etc.), 3rd & Westmoreland
- †Biddle-Gaumer Co. (Bldrs. Iron Work, etc.), 3846 Lancaster av
- †Biggin Chas. P. Co. (Iron Fdrs. & Bldrs. Iron Work), 1829 Harlin
- \*Bilgram Machine Works (Gears & Gear Cutting), 1235 Spring Garden
- \*Billington Jas. H. Co. (Textile Machy.), 113 Chestnut
- \*Bircher Geo. (Brass Fdr., etc.), 716 Cherry
- \*Blessing C. A. (Plumbing Specialties, etc.), 516 Montgomery av
- \*Boekel Wm. & Co. (Metal Spinning, Force & Test Pumps, etc.), 518 Vine
- \*Borger, Valentine (Butchers' Tools, etc.), 2035 N 2d
- Boureau H. U. & Co. (Builders' Iron Works, etc.), 3302 Ludlow
- \*Box Alfred & Co. (Cranes, Hoists, etc.), Front & Poplar
- \*Boyd Jas. & Bro., 12 N 4th
- \*Bradford Wool Comb Co., 2630 Mascher
- \*†Braun J & Sons, 1615 N 23rd
- \*Brewer Bros. Co. (Bldrs.' Hdw., etc.), 614 Filbert
- \*Bridgman Bros Co. (Plumbers & Steam Fitters Brass Goods & Castings), 1426 Wash'n av
- \*†Brill J. G. Co. (Car Builders, etc.), S 62d & Woodland av
- \*Brinton H. Co. (Knitting Machy.), 213 Race
- \*Brohard Co. (Hardware Specialties, etc.), Lehigh & 3d
- †Brown E. E. & Co. (Iron Fdrs.), McKean & Meadow
- \*Brown Instrument Co. (Electric Instruments), 901 Montgomery av
- \*Buckley Walter F., 627 Filbert
- \*Bullock Chas. K. (Flour Mill Machy.), 1361 Ridge av
- \*Bureau Bros. (Bronze & Brass Fdrs. & Statuary, etc.) 23d & Westmoreland
- \*†Butterworth H. W. & Sons Co. (Textile Machy.), E York & Cedar
- \*Campbell P. F. (Millwright & Machinist, Steam Engines, Grinding Mills, etc.), 51 Laurel
- \*Carlson-Wenstrom Co. (Inc.) (Special Machinery, Tools & Dies), 2557 N Sydenham
- \*Carnell Geo. (Est. of) (Brick Machinery), 1819 N 5th
- \*Carr Jos. Co. (Special Machy. & Optical Grinding Tools), 132 N 7th
- \*Carver File Co., 3231 Frankford av
- \*Caskey William & Son (Brass Fdrs, etc.), Beach & E Norris
- \*Central Machine Co. (Machinists), 710 Cherry
- \*†Chambers Bros. Co. (Brick & Paper Folding Machinery, etc.), 52d, below Lancaster
- \*†Chester Steel Castings Co. (Steel Castings, etc.), 407 Sansom
- \*Chesterman & Streeter (Metal Specialties, etc.), 25 S 11th
- \*Clad V. & Sons (Inc.), (Cooking Apparatus, French Ranges, etc.), 16th & Callowhill
- †Clark J. Alfred (Grey Iron Castings), Gray's Ferry rd. & 35th
- \*Clay John H. (Brass Finisher & Fire Dept. Supplies, etc.), 1320 Ridge av
- \*Coles Mfg. Co. (Grinding Mills, etc.), 1615 N 23d
- \*Colladay Jos. O. Co. (Woodworking Machinery), 626 Race
- †Columbia Record Stove Co. (Stoves, etc.), 624 S 2d
- \*Cooper Dyer (Machinist & Pumps), 614 N 40th
- \*Cooper Sanitary Mfg. Co. (Plumbers' Brass Work), 34th & Chestnut
- \*†Cox Abram Stove Co. (Stoves & Heating Apparatus), N American c Dauphin
- \*†Cox & Sons Co. (Steam Engines & Pipe Cutting & Threading Machines), Lafayette bldg. Works: Bridgton, N. J.
- \*Coyle H. B. Iron Works, 622 Filbert
- \*†Cramp Wm. & Sons Ship & Engine Building Co. (Steel Ships, Marine Engines, etc.), Beach & Ball
- \*Crescent Phosphorized Metal Co. (Phosphor Bronze, Copper & Tin), 2314 Wood
- \*†Cresson Morris Co. (Power Transmission & Sugar Machinery, etc.), Allegheny & 18th
- \*†Creswell Sam'l J. Iron Works (Inc.) (Iron Fdrs. & Bldrs.' Iron Work), Cherry & N 23d
- \*†Crompton Knowles Loom Works, 16th & Glenwood. (See Worcester, Mass.)
- \*Dallett Thos. H. Co. (Pneumatic Tools, etc.), Juniper & Federal
- Davis Rodney (Gears), 624 Race
- \*Defiance Mfg. Co., Sumerdale Sta.
- †Delly & Fowler Mfg. Co. (Gas Tanks etc.), 39 Laurel
- \*Deissler P. & Bro. (Machinists), 249 S 6th
- \*†Devlin Thos. Mfg. Co. (Malleable & Grey Iron & Brass Fdrs., Malleable Iron Fittings & Carriage & Saddlery Hardware, etc.), N 3d & Lehigh av
- \*Deweese Jno. W. (Machinist), 640 Filbert
- \*Diamond Textile Machine Works (Textile Machy., etc.), 1436 N 9th
- \*Dienelt & Eisenhardt (Hydraulic Jacks, Power Hammers, etc.), 1304 N Howard
- \*Dietz Machine Works (Envelope, Cigarette & Match Box Machy), 126 Fontain
- †Diller, Caskey & Keen (Stoves & Light Castings), N 6th, c Berks
- \*†Disston Henry & Sons (Inc.) (Saws, Tools, etc.), Tacony & N Front, c Laurel
- \*D'Olier Centrifugal Pump & Machinery Co. (Centrifugal Pumps, etc.)
- \*Dunn & Eldridge Co. (Brass & Bronze Hdw., etc.), 6 N 6th
- \*†Earle Gear & Machine Co. (Cut Gears, Machy., etc.), Stenton & Wyoming av
- \*Electric Storage Battery Co. (Storage Batteries, etc.), 19th & Allegheny
- \*Ellis G. D. & Sons Co. (Brass Specialties, etc.), 309 N 3d
- \*Ellison Bros. (Machine Tools, etc.), 2213 Bridge, Fkd.
- \*Energy Elevator Co. (Elevators), 214 New
- \*†Enterprise Mfg. Co. of Pa. (Meat Choppers, Lawn Mowers & Sprinklers, & Hdw. Specialties, etc.), N 3d & Dauphin
- \*Espan-Lucas Machine Works (Machine Tools, Cold Saws, etc.), 21 Girard
- \*Evans Jno. Sons (Car & Carriage Spring & Leather Machy), 506 N 13th
- \*Evans S. W. & Son (Brass Goods), 4623 Paul
- \*Excelsior Brass Works, 1517 Spring
- \*Eynon-Evans Mfg. Co. (Engineers' Specialties & Brass Composition Castings), N. 15th & Clearfield
- Fairmount Foundry Co., Duncannon & Clinton
- \*Fischer Machine Co. (Paper Bag & Special Machy), 310 N 11th
- \*†Flagg, Stanley G. & Co. (Iron & Steel Fdrs., Steam Pipe Fittings), Morris bldg
- \*†Florence Iron Works Iron Fdrs. & Machinists), 400 Chestnut. Works: Florence, N. J.
- \*Ford Bros. & Co. (Machinists & Brass Fdrs.), 1610 S Front
- †Ford & Keudig Co. (Iron Pipe, etc.), 24th & Wood
- \*†Fowler & Wolfe Mfg. Co. (Radiators, etc.), Bourse Works: Norristown, Pa.
- \*France Packing Co., Inc. (Metallic Packing, etc.), 6510 State rd, Tac.
- \*Geforer C. & Son (Gas Burners & Brass Goods), 1017 Ridge
- \*General Engineering Co. (Machy. Repairs, etc.), 717 S Front
- †Gensel Fred. & Co. (Iron Railings, etc.), 911 Vine
- \*Germantown Tool Works (Tools, etc.), 57 Armat, Gt.
- †Girard Iron Works (Iron Fdrs. & Machinists, Brewers' Machy., Castings, etc.), 22d & Master
- \*Girard Machine & Tool Co. (Machy. & Tools), 491 N 3d
- \*†Globe Machine & Fdry. Co., Inc., Tackawana & Church, Fkd
- \*†Glover Bros. (Iron Founders & Hdw. Specialties), Paul & Vandyke
- \*Griffin Jno. J. & Co. (Gas Meters, etc.), 1513 Race
- \*Griffiths Jas. A. (Injectors, etc.), 1315 Buttonwood
- \*Grissinger Machine Co, 904 Quarry
- \*Guest Geo. (Awning Frames, etc.), 4423 Ludlow
- \*Haines, Jones & Cadbury Co. (Brass Fdrs., Plumbers' Brass Goods & Supplies), 1136 Ridge av. Works: Norristown, Pa.
- \*Hale & Kilburn Co. (Car Seating, etc.), 18th & Lehigh av
- \*Halstead & Co. (Brass Fdrs. & Finishers), 1129 Cherry
- \*Haltons Thos. Sons (Textile Machinery), Allegheny av & C
- \*Harman Bros. (Engineers & Machinists), 1915 Washington av
- \*Harrington Edwin Son & Co. (Machine Tools, Chain Hoists, etc.), N 17th & Callowhill
- \*†Harrison Safety Boiler Works (Feed Water Heaters, Feed Water Meters, Steam & Oil Separators, Back Pressure & Atmospheric Relief Valves, Water Softeners, Ice Breakers), 3147 N 17th  
*See adv index at end of book*
- \*Hartman Co. (Valves, Tuyeres, Coolers, Liquid Cinder Cars, etc.), 1231 N Front
- Harton Pembroke D. Co. (Bakers' Machy.), 15th & Fairmount av
- \*Haskell Dawes Machine Co. (Textile Machinery), Frankfort Jct. (See Boston, Mass.)
- \*Hawkins Wilson Co. (Steel Die Stamping Presses), 712 Sansom
- \*Heller & Brightly (Mathematical Instruments), Dept. H. 1122 Spring Garden
- \*Helme & McIlhenny (Gas Meters, etc.), 1339 Cherry
- \*Henderson Machine Co. (Machy. Mfrs.), 5032 Gtn. av
- \*Hentschke Albert & Son (Surgical & Dental Instruments, etc.), 731 Race
- \*Hepworth Jno. W. & Co. (Textile Machy), cor Lehigh av & Macher
- \*Hess Bright Mfg. Co., Front & Erie av
- \*Hess Machine Works, Jno A. Hess (Machinist & File Machy), 2512 Callowhill
- \*Hess & Barker (Engineers & Machinists, Tablet Machines), 336 S 8th
- \*†Hey M. Mfg. Co. (Brass Fdrs. & Brewers' Specialties), 633 N 3d
- \*Hodson G. & A. (Pulleys, etc.), 226 Arch
- \*Homer Brass Works (Inc.) (Brass Fdrs. & Finishers), 231 Race
- \*Hood, R. H. Co. (Worster & Curled Hair Machinery), 1842 Gtn. av
- \*†Hoopes & Townsend Co. (Bolts, Nuts, Washers, etc.), Broad & Buttonwood
- \*Horn & Brannen Mfg. Co. (Inc.) (Gas Fixtures & Brass Fdrs.), 427 N Broad
- \*Horridge & Hinman (Machinists), 628 Race
- \*†Horrocks Iron Works (Builders' Iron Works), 234 N Broad
- \*Howell F. R. Brass Works (Brass Hose Fittings, etc.), 122 N Franklin
- \*Hub Machine Welding & Contracting Co. (Metal Sawing Machines, etc.), 22nd & Race
- †Hughes & Patterson (Iron Fdrs.), 800 Richmond
- \*Hughes & Russum (Beaming Machines, etc.), Oxford & Hedge
- \*Insinger Co. (Dish Washing Machines, etc.), Stenton av
- \*Jaeger Automatic Machine Co. (Slot Machines), 2238 N 9th
- \*Jefferson Machine Works, 2005 Oxford



\*Jesson Jno. B. (Machinist), 424 Vine  
 \*Johnson Israel H., Jr., Co. (Machine Tools), 337 N 15th  
 \*Kaltenthaler Henry J. (Flanges & Flange Fittings, etc.), 234 Cherry  
 †Kappler-Fox Foundry Co. (Stoves, etc.), York & Thompson  
 \*†Kensington Engine Wks. Co. (Engines, etc.), Beach & E Berks  
 \*Keystone Spring Works (Carriage Springs, etc.), 13th & Buttonwood  
 \*Keystone Structural Co. (Steel Structural Work), Harrison bldg.  
 \*Kinetic Electric Co. (Dynamos & Motors), 16 S Schell  
 §Kirn M. L. & Bro. (Brass Fdrs.), 2135 N Lawrence  
 \*§Kitson Hydro-Carbon Heating & Incandescent Lighting Co. (Kitson Hydro-Carbo Lamps, etc.), 2319 Oakford  
 §Klause Chas. (Brass Fdry. & Metal Spinning), 460 N 12th  
 \*Kruger & Blind Co., 511 Master  
 \*†**KUTZTOWN FOUNDRY & MACHINE CO.** (Boiler Fronts, Grate Bars, Compound Separators, etc.), 1421 Chestnut  
*See adv index at end of book*  
 \*Lanston Monotype Machine Co. (Typesetting Machines), 24 & Locust  
 \*Leonard Machine Works (Special Machy. & Parts), 1222 Race  
 \*†Liberty Stove Co. (Ranges, Furnaces, etc.), 308 Chestnut  
 \*Lindsay, Hyde & Co., 2130 E York  
 \*†**LINK-BELT CO.** (Elevating, Conveying & Power Transmitting Machinery), Hunting Park av & P. & R. Ry  
*See adv index at end of book*  
 \*§Lonerger J. E. Co. (Brass Fdrs. & Finishers & Steam Specialties), 211 Race  
 \*Loomis-Manning Filter Co. (Water Filters, Land Title bldg.)  
 \*Lorimer Machine Co. (Textile Machy.), Ontario & Lawrence  
 \*Lovekin Pipe Expanding & Flanging Machine Co., 421 Chestnut  
 §Lukens Thos. F. Metal Co. (Canning Factory Supplies), 238 N 4th  
 \*Lusse Bros. (Machinists), 2807 N Fairhill  
 \*Lutz Webster Engineering Co. (Special Machinery, etc.), 3105 Gray's Ferry av  
 \*Lynwood Mfg. Co., Westmoreland & Hancock  
 \*McCaffrey File Co. (Files, etc.), 1842 N 5th  
 \*§McCambridge Co. (Plumbers Brass Goods, etc.), 20th & Wood  
 §McHatton Foundry Co. (Brass Fdrs. & Smelters), 1500 Washn. av  
 \*McMichael Abner (Machinist), 22 Armat, Gtn.  
 \*McNiece Wm. & Son (Saws, etc.), 515 Cherry  
 \*Maerky Emil, 218 Arch  
 \*Maris Bros. (Cranes & Hoists, etc.), S 56th & Gray's av  
 §Massa George (Locks, etc.), 245 S 6th  
 †May H. A. Foundry Co., 30th & Chestnut  
 \*Mayall Lewis A. & Son (Machinist), 748 S Samson  
 \*Mercury Machine Co. (Inc.), (Key Seating Machines), 2117 N Broad  
 \*Midland Metal Co. (Inc.) (Ornamental Brass & Bronze Work), 21st & Jefferson  
 \*†Midvale Steel Co., Nicetown  
 \*§Miller Lock Co. (Locks, etc.), 4523 Tacony  
 \*§Mills Thos. & Bro. (Inc.), (Brass Fdrs. & Confectioners' Machy.), 8th & Thompson  
 \*Mitchell John (Millwright, Machinist & Bldrs. Iron Work), 2224 Vine  
 \*†§Moore & White Co. (Iron Fdrs. & Machinists, Paper & Pulp Mill Machy., etc.), N 15th & Lehigh av  
 \*†§Morris I. P. Co. (Engines, Pumps, Turbines, Castings, etc.), Beach & Ball  
 \*§Mousley's Chas. Sons (Brass & Bronze Castings & Ship & Car Hardware Mfrs.), 457 N 12th  
 \*§Nacke A. & Son, 236 S 9th  
 \*National Automatic Knitter Co. (Inc.), (Textile Machy., Knitting Machines, etc.), 2725 Mutter  
 \*National Metal Edge Box Co. (Metal Edge Box Machines), 8th & Willow

\*National Specialty Mfg. Co. (Drug Mills, etc.), 3d & Lehigh av  
 \*Nazel Engineering & Machine Works (Engineers & Machinists' Engine Repairers, etc.), 4049 N 5th  
 \*†§Nelson Valve Co. (Valve Mfrs., Brass, Iron & Steel Founders, etc.), Harrison bldg  
 Newton Edwin A. (Emery Grinders, Knitting Machy., etc.), 310 N 4th  
 \*†Newton Machine Tool Works (Machine Tools), 23 Vine  
 \*†Niles-Bement-Pond Co. (Machinists & Machine Tools), Mifflin, cor. Meadow. (See New York City)  
 \*Norbom Engineering Co. (Dredging Machinery), Denckla bldg.  
 §North American Smelting Co. (Babbitt Metal, Brass and Phosphor Bronze, etc.), 900 Thompson  
 \*†§North Bros. Mfg. Co. (Brass & Iron Fdrs. Hardware & Specialties), Lehigh av, cor. N American  
 \*Northern Machine Wks, Marshall & Jefferson  
 \*Novelty Electric Co. (Electric Specialties), 50 N 4th  
 \*Nye & Tredick Co. (Textile Machy.), 720 Cherry  
 \*O'Neill Elevator Co. (Elevators), 628 Cherry  
 §Oat Jos. & Sons (Sugar Machinery & Distilling Apparatus), 232 Quarry  
 \*Oldham Geo. & Son Co. (Pneumatic Tools), 4326 Thackawanna, Fkd.  
 \*Oliver J. H. & Co., 1414 S Penn Sq.  
 \*Olsen, Tinius Testing Machine Co. (Testing & Hydraulic Machy.), 500 N 12th  
 \*Orum Morris L. (Machinist), 503 N 11th  
 §Ott Geo. F. Co. (Machy. for Brewers, Malsters, Chemical Works, etc.), 209 Buttonwood  
 \*†Otto Gas Engine Works (Gas Engines), S 33d & Walnut  
 \*Palste H. T. Co. (Electrical Specialties), N 32d cor. Arch  
 \*†Pancoast Henry B. Co. (Iron Pipe, Fittings, etc.), 240 S 3rd  
 \*Paxton & O'Neill (Knitting Machines), 541 N 3d  
 \*Peerless Belt Lacing Machine Co. (Belt Lacing Machines), Swanson & Moore  
 \*†Penn Seaboard Steel Corp. (Casting Acid Open Hearth Steel of All Descriptions), 1418 Chestnut  
 \*Penna. Forge Co. (Forges), Wakeling, Bermuda  
 \*§Perkes Chas. (Est. of), (Brass Fdr. & Plumbing Goods), 627 Arch  
 †Perseverance Iron Foundry Co. (Ltd.), (Iron Fdrs.), Passyunk & Federal  
 \*§Phila. Coppersmithing Co. (Brass Fdrs. & Coppersmiths), 222 N Front  
 \*Philadelphia Drying Machinery Co. (Drying Machy., Fans & Presses), 6721 Gtn. av  
 \*Philadelphia Electrical & Mfg. Co. (Electrical Specialties), 1236 N 31st  
 \*Philadelphia Gear Works (Gears, etc.), East Vine  
 \*†Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson  
 \*Philadelphia Lawn Mower Co. (Lawn Mowers, etc.), 3101 Chestnut  
 \*Philadelphia Machine Screw Works, 624 Race  
 \*Philadelphia Novelty Mfg. Co. (Inc.), (Hardware Specialties, etc.), 13th & Noble  
 †Philadelphia Sash Weight Works, Glenwood av nr 22d  
 †Philadelphia Stove & Iron Foundry Co. (Iron Fdrs. & Stoves, Ranges & Grey Iron Castings), 1631 N 5th  
 \*Phila. Textile Machinery Co. (Textile Machinery), Tabor  
 \*†Phoenix Iron Co. (Iron Founders & Machinists & Steel Mfrs.), 410 Walnut. Works: Phoenixville, Pa.  
 §Phosphor-Bronze Smelting Co. (Brass, Bronze & Composition Castings, etc.), 2200 Washington av  
 \*Plumb Fayette R. (Inc.) (Edged & R. R. Track Tools, etc.), Tucker & James  
 \*Power I. & Co. (Woodworking Machinery), 20 S 23d  
 \*Pressed Steel Mfg. Co. (Ball Bearings, Bearings, etc.), Land Title bldg.

\*Railway Steel Spring Co. (R. R. Springs, etc.), 1022 Newmarket. (See New York City)  
 §Reeves Paul S & Co. (Brass & Composition Castings & Bearings, etc.), 1405 Catharine  
 †Reeves Sam'l V. (Stoves, etc.), 45 N 2d  
 \*Reh fuss George & Sons, 1311 Carlisle  
 \*Reid A. H. Creamery & Dairy Supply Co. (Creamery Machy., etc.), 69th & Haverford  
 \*Reid Robert, 71 Laurel  
 Remington & Sherman Co. (Safes, Vaults, etc.), 636 Richmond  
 §Reyburn-Hunter & Co. (Lightning Rods, etc.), 494 N American  
 \*Rich J. & G. (Machinists), 120 N 6th  
 \*Richards Bros. (Machinists), Umbria & Pa. R. R. Manyunk  
 \*†Richmond Radiator Co., 2241 N American. (See New York)  
 \*†Riehl Bros. Testing Machine Co. (Testing Machines, Jacks, Presses, etc.), 1424 N 9th  
 \*Riehl H. & Son (Machinists), 1130 Orianna  
 \*Ritter Machine Co., 2310 E Tloga  
 †Roberts & Mander Stove Co (Stoves, etc.), Washington av & 11th  
 \*Rooksly E. J. & Co., 435 N 11th, Phila., Pa.  
 §Rosenthal's Jos. Sons (Brass Castings, etc.), 190 Berks  
 \*Roth Gottlieb 602 Beach  
 \*Rowan Hy. A., Jr. Co. (Machinist), 2036 Sansom  
 \*Rudolph Wm. F. (Machinist), 1308 Girard av  
 \*Ruwell Wm. F. (Engine Repairs, etc.), 719 Noble  
 \*§Savill Thos. & Sons (Brass Fdry. & Finisher, Plumbing Goods), 320 N 11th  
 \*Schade Valve Mfg. Co. (Valve Mfrs.), 2544 N. American  
 §Schaefer Emil (Brass Fdr. & Copper-smith), 1322 N. 5th  
 \*Schaeffer Machine Works (Special Heavy Machy.), 35th & Gray's Ferry rd  
 \*†Schaum & Uhlinger (Textile Machy., Looms, Iron Fdrs., etc.), 2d & Glenwood  
 \*Schiller Fred'k & Co., 323 N. 3d  
 \*Schiller, Nolan & Co. (Cylinder Re-boring & Machinists), 820 Cherry  
 \*Schober Geo. M., 3231 Market  
 §Schoenewald Robert  
 \*†Schofield Wm. Co. (Iron Fdrs. & Textile Machy.), Kram's av ab. Wilde, Manayunk  
 \*Schramm Christian D. & Son, 308 N. 4th  
 §Schutte & Koerting Co. (Steam Specialties), 1251 N 12th  
 \*†Sculin Simon (Est. of) Cambria & American  
 \*†§Sellers Wm. & Co. (Inc.) (Machine Tools & Heavy Machy.), 1600 Hamilton  
 §Sheeler-Hemsher Co. (Brass Fdrs.), 811 Fairmount av  
 \*†Sheppard Isaac A. Co. (Stoves, Ranges & Furnaces), Erie av & Sepriva  
 §Shimer, McGlynn & Co. (Smelters, etc.), 19th & Washington av  
 \*Shuster Plumbing Supply Co. (Iron Fdrs., Cast Iron Pipe & Plumbers' Castings, etc.), Willow & Franklin  
 \*Simon Omer, 4030 Filbert  
 \*†Smith & Furbush Machine Co. (Textile Machy.), Hancock & Somerset  
 \*†§Southwark Foundry & Machine Co. (Engines, Rolling Mill Machy., etc.), 430 Washington av  
 \*†Specialty Engineering Co. (Elevating & Conveying Appliances), Trenton & Allegheny, Cornwall  
 \*Sprague Wm. & Co. (Machinists), 630 Filbert  
 \*Standard Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Castings),  
 \*Standard Machine Co. (Inc.) (Textile Machinery), 330 N 12th  
 \*Standard Meter Co. (Gas Meters, etc.), 3117 N 17th  
 \*†§Standard Steel Works Co. (Steel Castings, etc.), Morris bldg  
 \*Standring Sam'l, Hope & Somerset  
 Stiffel & Freeman Co. (Safes, etc.), 723 Chestnut



\*Stokes F. J. Machine Co. (Pharmaceutical Machy., etc.), 17th & Cambria  
 \*†Stokes & Parrish Elevator Co. (Elevators), 12th & Sansom  
 \*†Stokes & Smith Co. (Paper Box Machinery), Summerdale Sta.  
 \*Stortz John & Son (Tools, Dies, Punches, etc.), 210 Vine  
 \*Stow Flexible Shaft Co., 26th & Cal-lowhill  
 \*†Straub A. W. Co. (Grinding Machy., etc.), 3737 Filbert  
 \*Sulzer & Co. (Gas Fixtures, etc.), 252 N 11th  
 \*Sutterley G. T. & Co. (Silverplated Ware & Brass Goods), 23d & Hamilton  
 \*Sweigard Jos. L. & Co. (Pneumatic & Pump Machy.), Betz bldg  
 \*Tabor Mfg. Co. (Fdry. Molding Machines, etc.), 1740 Hamilton  
 \*†Talmage Thomas (Brass Foundry), 1123 Appletree  
 †Temple Malleable Iron & Steel Co. (Malleable Iron & Steel Castings), Arcade bldg. Works: Temple, Pa.  
 \*†Thomas, Roberts, Stevenson Co. (Stoves, etc.), American & Dauphin  
 \*Thompson Bros. (Machinists), 125 N 5th  
 \*†Thompson J. & Co. (Iron Fdrs. & Machinists, Valves, Fire Hydrants & Castings, etc.), Van Horn & Sophia  
 \*Tilghman Brooksbank Sand Blast Co. (Sand Blast Machinery, etc.), 1126 S 11th  
 \*Troemner Henry (Scales, etc.), 911 Arch  
 \*Turner Machine Co. (Sprue Cutting Machines, etc.), 3632 N Lawrence  
 \*Underwood H. B. & Co. (Cylinder Boring Bars, etc.), 1025 Hamilton  
 \*Union Machine Works & Iron Foundry (Grey Iron Castings), 1821 So Water  
 \*United States Metallic Packing Co. (Metallic Packing, etc.), 427 N 13th  
 †United States Smelting Works (Smelters, etc.), 1615 Spring Garden  
 \*Universal Machine Works (Bottle Washing Machines, etc.), 1060 Germantown  
 \*Walker Electric Co. (Electric Switches, etc.), 2337 Callowhill  
 \*Walker Thos., Jr., 4617 Tacony, Fkd  
 \*Walters Geo. C., 1316 Ellsworth  
 \*Walton P. M. (Machinist & Mill-right), 1025 Gtn av  
 †Ward Joseph T. (Iron Railings, etc.), 809 Baynton  
 \*Watson & McDaniel Co. (Steam Traps, Valves, etc.), 146 N. 7th  
 \*Watts & Stern (Electrical Machinists) 1303 Buttonwood  
 †Wayne Iron Works, Comm'l Tr. bldg  
 \*Wenzell S. S. Machine Co. (Bottle Working Machy., etc.), 50 & Park-side av  
 \*†Wharton Wm., Jr. & Co. (Steel & Grey Iron Castings, also Operates a Machine Shop), Widener bldg  
 \*†Wheeler C. H. Mfg. Co. (Steam Pumps, etc.), Lehigh & N 18th  
 †White & Bros. (Brass Founders & Smelters), 1505 E Montgomery  
 \*Whitcar Joseph Iron Works, 402 S Water  
 †Wilfong Millard F. Iron Works Co., 52d & Gray's av  
 \*Williams Wm. D., Jasper & Willard  
 \*Wirt & Knox Mfg. Co. (Hose Reels, etc.), 24th & York  
 \*†Wonderly Abner H. (Builders' & Upholsters' Hdw., etc.), 621 Commerce  
 \*†Wood R. D. & Co. (Cast Iron Pipe, Hydraulic & Gas Works Machy., etc.), 400 Chestnut  
 \*Wootten & Peckworth (Machinist), 1122 Hamilton  
 \*†Wright Mfg. Co. (Brass Fdrs. & Finishers), 133 Master  
 \*Yockel Chas. & Sons (Machinists, Moulds, etc.), 1220 N. Lawrence  
**PHILLIPSBURG**—\*†Gill Mfg. Co.  
**PHOENIXVILLE**—\*Heinie Safety Boiler Co. (See St. Louis, Mo.)  
 †Madco Foundry & Machinery Co. (Iron)  
 \*†Phoenix Iron Co. (See Phila., Pa.)  
**PILLOW**—\*†Snyder Thos. L. (Iron Fdry. & Machinists)

**PITTSBURGH**—\*†Adams Bros. Mfg. Co. (Gas Burners, etc.), Fayette & Chartiers  
 \*Albree Chester B. Iron Works Co. (Riveting Machines), 1201 Metropolitan  
 †Allegheny Foundry Co., Boquet & Grant  
 \*†Allegheny Steel Co. (Machine Shop & Foundry for Own Use), Oliver bldg. Works: Brackenridge, Pa.  
 Aluminum Co. of America, Oliver bldg  
 \*†American Bridge Co. (Iron, Steel & Brass Castings, also Machine Shops), Frick bldg  
 \*†American Chain Co.  
 \*†American Fdry. & Const. Co. (Valves, Castings, etc.), 2d av & Longworth  
 \*†American Locomotive Co., Beaver & Stanton  
 \*†American Sheet & Tin Plate Co. (Iron, Steel & Brass Castings, all Consumed by the Company, also Machine Shops), Frick bldg  
 \*American Steel Foundries (Steel Castings) Park Bldg.  
 \*†American Steel & Wire Co., Frick bldg  
 \*†Anderson-Darragh Co. (Ltd.) (Steam Heaters, etc.), 3206 Penn av  
 \*Axthelm Mfg. Co., 242 3d av  
 \*†Bailey-Farrell Mfg. Co. (Brass Fdrs. & Plumbers' Supplies), 3d av & Ross  
 \*Baltimore Car & Foundry Co., Continental bldg  
 †Bell Bros., 27th & A. V. R. R.  
 \*†Bollinger-Andrews Construction Co. Empire bldg Structural Shops, Verona, Pa.  
 Briggs Machinery Co., 238 2d av  
 \*Buechele Iron & Tool Works Co. (Tools, etc.), 4127 Liberty av  
 \*†Cadman A. W. Mfg. Co. (Valves, Cocks & Iron & Brass Castings), 2816 Smallman  
 \*†Carlin's Thos. Sons Co. (Hoisting Engines & Contractors' & Rolling Mill Machinery)  
 \*†Carnegie Steel Co., Carnegie bldg  
 \*Carron A. M. Machine Co. (Small Electric Air Pumps, etc.), Penn & Barbeau  
 \*†Chaplin Fulton Mfg. Co., 34 Penn av  
 \*†Cyclops Foundry Co. (Iron Castings, Pipe Balls, etc.), Union Bank Bldg.  
**DAMASCUS BRONZE CO.** ("Damascus," Bronze Castings, Bearings, etc.), North Side  
 See adv index at end of book  
 \*Danver R. H. (Machinist), 845 Pennsylvania av, North Side  
 \*†Dilworth, Porter & Co. (Ltd.) (Chilled Mill Castings, etc.), 4th & Bingham  
**DUFF MFG. CO.** (Hydraulic Jacks, etc.) See adv index at end of book  
 \*†Duquesne Steel Foundry Co. (Steel Castings & Machine Shop for Own Use), Arrott Bldg. Works: Coraopolis, Pa., North Side  
 \*†Eagle Tool & Machine Co. (Special Machinery, Tools, Repair Work, Gear & Cuttings), 519 South av  
 †Early W. J. & Sons (Ltd.) (Grey Iron Castings), 812 Sarah  
 \*†Elliott Co. (Mine Fans), 6905 Susquehanna  
 \*†Enterprise Foundry Co., Ltd. (Castings, etc.), Nixon & Manhattan, North Side  
 \*†Epping-Carpenter Pump Co. (Pumping Machinery & Condenser), ft. 43d  
 \*Equitable Meter Co. (Gas Meters & Appliances), 424 1st av  
 \*†Fawcus Machine Co. (Gears of All Kinds, Rolling Mill & Special Machinery, etc.), 1st Natl Bk bldg  
 \*†Fischer Foundry Co. (Rolling Mill Machy. & Castings), 1616 Roland  
 \*†Port Pitt Bridge Works, House bldg  
 †Fort Pitt Malleable Iron Co., Thompson & Crawford  
 \*Fort Pitt Spring & Mfg. Co.  
 Franklin Park Foundry Co. (Malleable Iron Founders), Herts Island  
 \*†Garrison A. Foundry Co. (Rolling Mill Machy. & Castings etc.), 901 Bingham

\*Gazzam H. P. Machine Co. (Special Machinery), 32d & Penn av  
**GEM MFG. CO.** (Flexible Shafts, Boiler Tube Cleaners, Drills, etc.), Goebel, nr Fulton, N. S.  
 See adv index at end of book  
 \*Gettner K. H. Co. Cecil Pl  
 \*Gillespie Mfg. Co., 810 Brocket  
 \*†Goodman Engine & Machine Co. (Engines & Machy.) S 15th & Muriel  
 \*Gracey R. & Sons Co., 115 1st av  
 †Hall Steam Pump Co., 213 Galveston, N. S.  
 \*Heppenstall Forge & Knife Co. (Shear Knives, etc.)  
 \*Heyl & Paterson (Rolling Mill, etc.), 51 Water  
 \*Hipwell Mfg. Co., 831 W North av  
 \*Hunter Saw & Machine Co. (Saw Sharpening Machines, etc.), 57th & Butler  
 \*†Iron City Sanitary Mfg. Co. (Plumbers' Cast Iron Enamel Ware), Oliver bldg  
 \*Iron City Tool Works (Ltd.) (Machine Tools), 3201 Smallman  
 \*†Johnetta Fdry & Machine Co., 1st Natl Bk bldg  
 \*†Jones & Laughlin Steel Co. (Power Transmitting Machy., etc.)  
 \*†Kelly Nicholas & Son (Founders), 1704 Wharton  
 \*†Kelly & Jones Co. (Iron & Brass Fdrs., Steam Specialties, Valves, etc.) Works: Greensburg, Pa.  
 \*†Keystone Bronze Co. (Rolling Mill Castings & Specialties, etc.)  
 †Lathwood Foundry Co., 30th & Wayne  
 \*†Lawrenceville Bronze Co. (Copper & Bronze Castings for R. R., Mills, etc.), 31st & Penn av  
 \*†Lewis Foundry & Mach. Co. Works: Groveton, Pa.  
 \*McClintic-Marshall Co. (Steel Structures, etc.)  
 \*†McConway & Torley Co. (Malleable Iron & Steel Castings & Railroad Specialties, etc.)  
 \*†McKenna Bros. Brass Co. (Brass Fdrs. & Finishers), 1st av & Ross  
 \*McKinney Mfg. Co. (Hinges, Butts, Hdw., etc.), North Side  
 \*McSherry Mfg. Co. (Power Presses, Punches & Shears)  
 \*†Mackintosh, Hemphill & Co. (Rolling Mill Machinery, Engines, Iron, Steel & Brass Castings, etc.)  
 \*Marine Mfg. & Supply Co., 35 Water  
 \*Marshall Bros. (Elevators, etc.), 2015 S 21st  
 \*†Marshall Foundry Co. (Iron Fdrs., Rolling Mill & Builders' Castings, Ingot Molds, etc.)  
 †Matthews James H. & Co. (Stencils, etc.), 3942 Forbes  
**†MESTA MACHINE CO.** (Rolling Mill Machy. & Castings). Works: West Homestead, Pa.  
 See adv index at end of book  
 \*Milholland J. & J. B. Co., 714 5th av  
 \*†Munroe R. & Sons Mfg. Corp. (Boiler Castings & Boiler Mfrs.)  
 \*†National Car Wheel Co. (Car Wheels & Iron & Brass Castings), Keystone bldg.  
 \*†National Gear Wheel Foundry (Castings, Gears, Gas Engines, etc.), South & Walker  
 \*†National Tube Co. (Cast, Malleable Iron & Brass Fittings, Iron & Brass Valves, Cocks, etc.), Frick bldg. See adv index at end of book  
 \*†National Valve & Mfg. Co. (Valves & Fittings, etc.), 31st & Liberty  
 \*New Castle Steel & Iron Co. Works: New Castle, Pa.  
 †Newlands Bros., 28 & A. V. R. R.  
**NUTTALL R. D. CO.** (Gears & Pinions of All Kinds, etc.), McCandless & Harrison av  
 See adv index at end of book  
 \*†Oil Well Supply Co. (Oil & Gas Mill Supplies, Gas Engines, etc.), 215 Water.  
 \*Peerless Heater Co. ((Steam Heaters), 7 Wood  
 \*†Penna Casting & Machine Co. (Car Wheels & Axles), 501 Preble  
 †Penna. R. R. Co. (Brass Foundry, etc.), North Side  
 \*Pennsylvania Smelting Co., Benedum Trees bldg



\*Pfaller Frank (Jobbing), 6947 Susquehanna  
 \*†Phillips Mine & Mill Supply Co. (Coke & Coal Equipments), 2227 Jane  
 \*†Phillips & McLaren Co. (Heavy Castings & Rolling Mill Machy., etc.)  
 \*†Pittsburgh Brass Mfg. Co. (Plumbers' Brass Specialties & Brass & Bronze Castings, etc.)  
 \*Pittsburgh Coal Washer Co. (Coal Mining Machinery), Fulton bldg  
**\*PITTSBURGH-DES MOINES STEEL CO.** (Bridges, Towers & Structural Work), 4th & Ross  
*See adv index at end of book*  
 \*Pittsburgh Electrical & Machine Works (Dynamos & Motors, etc.), Barker pl  
 \*Pittsburgh Forge & Iron Co. (Machine Shop Connected with Works), 1003 Penn av  
 \*†Pittsburgh Foundry & Machine Co., ft 36th  
 \*Pittsburgh Instrument & Machine Co., 236 3rd av  
 \*Pittsburgh Iron Works Co., 2170 Bedford av  
 \*†§Pittsburgh Lamp, Brass & Glass Co., 130 7th  
 \*†Pittsburgh Piping & Equipment Co. (Brass & Bronze Fdrs. & High Pressure Pipe, Pipe Fittings, etc.), 35th & Charlotte  
 \*Pittsburgh Reinforced Brazing & Mach. Co., 2515 Liberty  
 \*Pittsburgh Spring & Steel Co., Farmers Bank bldg  
 \*†Pittsburgh Steel Foundry (Steel Castings & Car Wheel Centers, etc.). House bldg. Works: Glassport, Pa.  
 \*†§Pittsburgh Valve, Foundry & Cons. Co. (High Pressure Valves & Fittings, Iron & Brass Castings, etc.), 26th & A. V. Ry.  
 \*†§Pittsburgh Valve & Fittings Co.  
 \*§Pittsburgh Water Heater Co., 139 Chartiers  
 \*†Pressed Steel Car Co. (Steel Cars), 307 5th av  
 \*†Rees Jas. & Sons Co. (Steamboat Bldrs.), 18 4th  
 \*†Reliance Steel Casting Co. (Iron & Steel Castings, etc.), 28th & Smallman  
 \*Renton Wm. (Cylinder Re-Boring, etc.), 101 Water  
 \*Riesick Iron Wks. (Bldrs' Iron Work, etc.), 1201 Metropolitan  
 \*†Rosedale Foundry & Machine Co. (Rolling Mill & Tube Mill Machinery & Castings, etc.)  
 \*Russell J. C. Shovel Co. (Small Machine Shop for the Company's Own Use), 336 4th av  
 \*Russell Machine Co., 28th  
 \*†Seaman-Sleeth Co. (Sand & Chilled Rolls)  
 \*†Simonds Mfg. Co. (Gears, Pinions & Electric Railway Specialties, etc.), Liberty av & 25th  
 \*Sommerfeld Machine & Mfg. Co. (Gears & Glass House Machinery), 216 2nd av  
 \*Spang, Chalfant & Co. (Works Contains Two Machine Shops), Union Bank bldg. Works: Etna, Pa.  
 †Springfield Foundry Co. (Iron Fdrs.), 3215 Smallman  
 \*†Standard Chain Co.  
 \*Standard Metal Bed Refinishing Co., Foreland & James, N. S.  
 \*†§Standard Sanitary Mfg. Co. (Sanitary Enameled Iron Goods, etc.), Bessemer bldg.  
 \*†Standard The, Scale & Supply Co. (Scales, etc.), 1631 Liberty av. Works: Beaver Falls, Pa.  
 \*†Standard Steel Car Co. (Steel Cars, etc.), A V R R. Works: Butler, Pa.  
 \*†Steel Car Forge Co. (Steel Cars, etc.) Works: Ellwood City, Pa.  
 \*†Sterritt-Thomas Foundry Co. (Fdrs. & Machinists, Rolling Mill & Mach'y Castings, etc.), 32nd & Smallman  
 \*Stoner, Thaw & Co. (Ltd.) (Filters, etc.), 1200 West Carson  
 \*†Stove & Range Co. of Pittsburgh (Stoves, Furnaces, etc.), Preble av nr. Superior bridge  
 \*Swain & Angel Co. (Steam Engines), 3105 Smallman

\*Tate, Jones & Co. (Machinists & Fuel Gas Burners, Gas Engines, etc.), Empire bldg  
*See adv index at end of book*  
 \*Tranter Mfg. Co., 105 Water  
 \*Trethewey Samuel & Co. (Ltd.) (Blanking Dies, Steam Hammers, etc.), 57th  
 \*†§Union Foundry & Machine Co. (Rolling Mill & Pipe & Tube Mill Machinery), W Carson  
 \*†Union Spring & Mfg. Co., First Natl. Bank bldg  
 †Union Steel Casting Co. (Steel Castings & Annealing Boxes)  
 \*†United Engineering & Foundry Co. (Rolling Mill Machinery)  
 \*†United States Cast Iron Pipe & Foundry Co., Oliver bldg. (See New York)  
 \*†United States Sanitary Mfg. Co. (Plumbers' Cast Iron Enameled Ware), Arott bldg  
 §Vanadium Metals Co. (Brass, Bronze & Aluminum Castings)  
 \*Vierling Machine Co., Phipps Power bldg  
 §Wayne Brass Fdry. Co., 4635 Butter  
**\*WESTINGHOUSE AIR BRAKE CO.** (Air Brakes, etc). Works: Wilmerding, Pa.  
 \*Williams Gauge Co. (Gauges, Pumps, Governors, etc.), 543 4th av  
 \*†§Wilson-Snyder Mfg. Co. (Steam Pumps & Air Compressors), 2 Ross  
 \*Wolverine Supply & Mfg. Co. (Dies, Special Machinery, etc.), Page & Fontella  
**PITTSTON**—\*Delahunty Dyeing Machine Co. (Dyeing Machines, etc.)  
 †Exeter Machine Works (Elevating & Conveying Machinery, Grey Iron & Brass Castings, etc.)  
 \*Huntley J. G. (Mine Drills, etc.)  
 †Pittston Stove Co. (Stoves)  
 \*Telescope Mine Machine Co. (Mine Drills, etc.)  
 \*†§Vulcan Iron Works  
**PLYMOUTH**—\*Bittenbender Geo. H. & Son (Mine Drills)  
 \*†Howell's Mining Drill Co. (Coal & Rock Drills)  
 \*Moss George A. (Mining Drills, etc.)  
 \*Reese Sephaniah (Machy. & Tool Works)  
**POMEROY**—\*Phillips M. T.  
**PORT ALLEGANY**—\*Benson Fred S.  
**PORT CARBON**—§De Witt E. W. & Son  
**PORTLAND**—†Pearson Leroy  
**POTTSTOWN**—\*†§Bramcote Fdry. & Machinery Co.  
 \*Chadwick Engineering Works (Auto Bldrs. & Auto & Marine Motors)  
 \*†Colebrookdale Iron Co. (Meat Choppers, Sad-Irons & Castings, etc.)  
 \*Ellis Keystone Agrl. Works (Threshers, etc.)  
 \*†Flagg Stanley G. & Co. (See Phila.)  
 \*Heiges Tobis B.  
 \*†Industrial Foundry & Machine Co.  
 \*†Keystone Foundry Co. (Grey Iron Castings)  
 \*Large Wm. H.  
 \*§Light Mfg. & Fdry. Co. (Castings, etc.)  
 \*McClintic-Marshall Construction Co. (Steel Structures, etc.)  
 †Marsh-Brownback Stove Co. (Heaters, Furnaces, Stoves, etc.)  
 \*Shoemaker Lewis F. & Co. (Steel Structural Work)  
 \*†Wilbraham-Green Blower Co. (Rotary Blowers, Iron Founders, etc.)  
**POTTSVILLE**—\*Eastern Steel Co.  
 \*†Phila. & Reading Coal & Iron Co.  
 †Pottsville Foundry & Stove Co. (Stoves, etc.)  
 \*§Zweibel Edward  
**PUNXSUTAWNEY**—\*Allison Wm.  
 \*†§Porter G. W. & Son  
 \*†§Punxsutawney Fdry. & Machine Co. (Brass & Iron Castings & General Machine Work)  
**QUAKERTOWN**—\*Nadig L. F.  
 †Roberts, Winner & Co. (Stoves)  
**RADNOR**—\*Richter Geo. W. (Mechl. Eng.)  
**RANKIN**—\*§Acheson Mfg. Co. (Brass Fittings, Valves, etc.)  
 \*McClintic-Marshall Construction Co. (Steel Structures, etc.)  
**READING**—  
**\*AMERICAN DIE & TOOL CO.** (Punches, Dies)  
*See adv index at end of book*

\*Boss Knitting Machine Works (Textile Machy.)  
 \*Brown Engineering Co. (Contract Work, Special Machinery, etc), 110 N 3d  
*See adv index at end of book*  
 \*Carpenter Steel Co. (Machine Shop Attached to Works)  
 \*†§Chantrell Hardware & Tool Co. (Builders Hardware)  
 \*§Crescent Brass Mfg. Co.  
 \*§Dick Bros. (Plumbers' Brass Goods)  
 Dundore Mfg. Co. (Gears)  
 \*§Excelsior Brass Works (Brass Castings & Brass Specialties, etc.)  
 \*Frances L. M.  
 §Franklin Brass Foundry Co.  
 \*†§Gray Iron Foundry Co. (Grey Iron Castings, Hardware Specialties, etc.)  
 \*Greth Machine Works (Inc.), (Machinists)  
 \*Keiser Mfg. Co. (Sheep Shears, etc.)  
 §Kline & Co.  
 \*†Mohn W. D. & Co.  
 †Mt. Penn Stove Works (Stoves, etc.)  
 \*†Orr & Sombower (Steam & Hoisting Engines, etc.)  
 \*†§Penn Hardware Co. (Builders' Hardware)  
 \*Prizer-Painter Stove Co. (Stoves & Ranges)  
 Reading Brass Works  
 \*†Reading Car Wheel Co. (Car Wheels). (See Buffalo, N. Y.)  
 \*Reading Chain Block Co. (Hoists, etc.)  
 \*Reading Crane & Hoist Works (Cranes, Hoists, etc.)  
 \*Reading Cycle Mfg. Co. (Bicycle Mfrs.)  
 \*Reading Engineering Works  
 †Reading Foundry & Supply Co. (Soll Pipe and Fittings)  
 \*§Reading Hardware Co. (Builders' Hardware & Specialties)  
 \*†Reading Iron Co. (Rolling Mills, Iron Fdrs. & Machinists, Rolling Mill Engines & Sugar Machy, etc.)  
 \*†Reading Scale & Machine Co.  
 \*Reading Standard Co.  
 \*†Reading Stove Works (Stoves, Ranges & Heaters, etc.)  
**\*SPEIDEL JOHN G.** (Hand Hoists & Cranes.)  
*See adv index at end of book*  
 \*†Textile Machine Works (Textile Machy. & Grey Iron Castings)  
 \*Zacharias Edwin H.  
**REBUCK**—†Fisher W. H.  
**RENFREW**—\*Price Bros.  
**REYNOLDSVILLE**—Herpel Bros.  
**RHEEMS**—\*Grove Isaac  
**RICES LANDING**—\*Young W. A. & Sons  
**RICHFIELD**—†Shawder W. B.  
**RIDGWAY**—\*†§Elk Tanning Co.  
 \*†§Ridgway Dynamo & Engine Co. (Dynamos, Engines, etc.)  
 \*†Ridgway Machine Co.  
 \*†§Ridgway Mfg. Co. (Iron & Brass Fdrs., Dry Kilns, Steam Engines, etc.)  
**RIXFORD**—\*Lilly Arthur L.  
**ROARING SPRING**—\*†Brown John I.  
**ROCHESTER**—†Olive Stove Works (Stoves, Ranges & Castings)  
 \*†Rochester Mould & Machine Co. (Glass House Machy. & Molds)  
**ROYERSFORD**—†Buckwalter Stove Co. (Stoves & Furnaces)  
 †Floyd-Wells Co. (Stoves, Furnaces, etc.)  
 †Grander Stove Co. (Stoves, etc.)  
 \*Keystone Structural Co. (Steel Structural Work)  
 \*†Royersford Foundry & Machine Co. (Punching & Shearing Machy)  
**SAINT CLAIR**—\*§Quirin John & Bro.  
**SAINT MARYS**—\*†§Elk Engineering Wks.  
 \*†§Kaul J. & A.  
**SALFORDVILLE**—\*Weldner Jacob K.  
**SALONA**—†Esenwine Geo. W.  
**SAYRE**—\*†Cayuta Mfg. Co. (Fire Hydrants, Valves, Engraving Machines, etc.)  
 \*Eaton & Glover Co. (Engraving Machines)  
 \*Milled Screw & Machine Co.  
 \*†§National Car Wheel Co. (See Pittsburgh, Pa.)  
 \*§Sayre Stamping Co. (Railroad & Automobile Specialties & Castings, etc.)



- SCOTTDAL — \*†Crescent Mfg. Co. (Plumbers' Supplies)  
 \*†Scottdale Machine & Mfg. Co. (Steam Engines & Mining Machinery)  
 \*†United States Cast Iron Pipe & Foundry Co. (See New York City)  
 SCRANTON — \*†American Safety Lamp & Mine Supply Co. (Brass & Gray Iron Castings, Mine Lamps)  
 \*†Anthracite Welding & Machine Co.  
 \*†Barker Samuel G. & Son (Track Scales, Machinery & Builders' Castings, etc.)  
 \*†Everhart Brass Works (Brass Goods & Brass Castings)  
 \*†Finch Mfg. Co. (Iron Fdrs. & Steam Engines, etc.)  
 †Graff Furnace Co.  
 †Hughes Bros. (Lamps & Brass & Comp. Castings)  
 \*†McClave-Brooks Co. (Mechanical Stokers, Grate Bars, Iron & Brass Castings, etc.), Poplar  
 \*†O'Malley Mfg. Co. (Brass Goods)  
 \*†Pearce Chas. W.  
 †Pinnell J. W. (Grey Iron Fdrs.)  
 \*†Railway Steel Spring Co. (See New York City)  
 \*†Scranton Bolt & Nut Co. (Machine Shop Connected with Works)  
 \*†Scranton Electric Construction Co. (Electric Drills, etc.)  
 \*††Scranton Pump Co. (Iron & Brass Fdrs. & Steam Pumps)  
 \*†Scranton Silk Machine Co. (Textile Machy.)  
 †Scranton Stove Works (Stoves)  
 \*†Spencer Heater Co. (Furnaces, Heaters)  
 \*††Touhill Iron Works  
 SELLERSVILLE — \*U. S. Gauge Co. (Vacuum Gauges)  
 SHAMOKIN — \*†Mullen John & Son (Iron Fdrs. & Engines, Pumps, Mining Machy., etc.)  
 SHARON — \*†American Steel Foundries  
 \*†Bidwell C. V.  
 \*†National Malleable Castings Co. (See Cleveland, O.)  
 †Sharon Foundry Co.  
 \*†Sharon Machine Co.  
 \*†Sharon Steel Hoop Co. (Machine Shop for Use of the Company)  
 \*†Shenango Machine Co. (Iron Fdrs. & Machinists)  
 SHARPSBURG — \*†Moorhead Bros. & Co. (Inc.) (Iron Pipes, etc.)  
 †Sharpsburg Foundry Co.  
 SHARPSVILLE — †Valley Mold & Iron Co.  
 SHILLINGTON — \*Miller Wm. W.  
 SHIPPENSBURG — \*†Domestic Engine & Pump Co. (Gasoline Engines, Pumps, etc.)  
 SINKING SPRING — †Manufacturers' Foundry Co.  
 SLATINGTON — \*†Slatington Foundry, Machine & Boiler Works (Ltd.) (Grey Iron Castings, Mine & Quarry Repairs, etc.)  
 SOMERSET — \*†Highland Fdry. & Machine Co.  
 SOUTH BETHLEHEM — \*††Bethlehem Fdry. & Machine Co. (Chemical Machy. & Iron & Semi-Steel & Brass Castings)  
 \*††Bethlehem Steel Co. (Rolling Mill, Special Machy. & Castings, etc.)  
 SOUTH FORK — \*Oaks A. J.  
 SPRING CITY — \*†Keystone Stove Foundry (Stoves, etc.)  
 \*†Penna. Shafting Co. (Polished Steel Shafting)  
 STEELTON — \*††Penna. Steel Co. (Steel Castings, Railroad Frogs, Switches, Crossings & Forgings, etc.), Main Office: Phila., Pa.  
 STOWE — \*††Flagg Stanley G. & Co. (See Phila., Pa.)  
 STROUDSBURG — \*††Marsh E. B. Bro. & Co.  
 \*††Strodsburg Engine Works (Holisting Machy., etc.)  
 \*†Tanite Co. (Emery Wheels, etc.)  
 SUNBURY — \*††Keystone Machine Works  
 SWALES — †Beers J. L. & Sons  
 †Jamison I. M.  
 SWISSVALE — \*†UNION SWITCH & SIGNAL CO. THE. (Railroad Specialties)  
 TAMAQUA — \*††Tamaqua Mfg. Co. (Iron Fdrs. & Ore Washing & Coal Mining Machy.)  
 TARENTUM — †Shoop Bros.  
 †Stevener Chas. W.  
 TATAMY — \*††Messinger Mfg. Co.. (Agri. Implements, Threshers, Planters, Grain Cleaning Machinery)  
 TEMPLE — ††Temple Malleable Iron & Steel Co. (See Phila., Pa.)  
 TIDIOUTE — \*Grettenberger Sons  
 TIONA — \*Norris W. C. (Oil Well Tools, etc.)  
 TITUSVILLE — †American Radiator Co. (See Chicago, Ill.)  
 \*†Titusville Forge Co. (Iron Fdrs., Machinists & Forgings)  
 \*††Titusville Iron Co. (Steam Engines, etc.)  
 Young E. R. & Sons  
 TOPTON — \*†Topton Foundry Co.  
 TOWANDA — \*††Humphrey Mfg. Co. (Iron Fdrs. & Machinists)  
 TROY — \*††Troy Engine & Machine Co. (Jno. A. Parsons, Prop.) (Engines, etc.)  
 TUNKHANNOCK — \*††Avery's F. P. Sons  
 TYRONE — \*††Burley Heater Co. (Grey Iron Castings, Heaters, etc.)  
 \*††Stine J. C. Co. (Haulage Engines, Mine Fans, Incline Drums, etc.)  
 UNION CITY — \*†Industrial Iron Works  
 UNION FURNACE — \*†Union Furnace Mfg. Co. (Hot Air Registers, Shovels, Rakes, Hoes, etc.)  
 UNIONTOWN — \*†Evans Mould & Foundry Co.  
 †Miller Foundry Co.  
 \*†Richmond Radiator Co. (Hot Air Furnaces, Radiators & Heating Apparatus, etc.) Main Office: New York  
 ††Union Foundry (Andrew D. Jaquett, Prop.)  
 VANDERGRIFF — \*††United Engineering & Foundry Co. (See Pittsburgh, Pa.)  
 VERONA — †Bell Bros. (See Pittsburgh, Pa.)  
 WARREN — Allegheny Steel Tank Car Co.  
 \*†Barnhart-Davis Co.  
 \*†Bashlin Co. (Brass Fdrs. & Valves, etc.)  
 \*††Fairchild & Betts  
 \*††Gisholt Machine Co. (Machine Tools, Vertical & Horizontal Boring Mills, Turret Lathes, Brass & Iron Fdrs.)  
 \*†Jacobson Machine Mfg. Co. (Air Compressors. Power Transmitting Machinery, etc.)  
 \*†Jamieson M W & Co. (Steam Pumps, etc.)  
 \*†Penna. Furnace & Stove Co. (Hot Air Furnaces, etc.)  
 \*††Struthers-Wells Co. (Gas Engines, Boilers, etc.)  
 See adv index at end of book  
 \*†Warren Axe & Tool Co. (Edge Tools etc.)  
 \*†Wilburine Oil Works (Ltd.) (Machine Shop for Their Own Use)  
 WASHINGTON — \*†National Wrought Iron Annealing Box Co.  
 \*††Northrup B. D.  
 \*††Tyler Tube & Pipe Co.  
 \*††Zahniser Bros. & Sten (Oil & Gas Well Tools). Works: Waynesburg, Pa.  
 WATSONTOWN — †Jones J. W.  
 WAYNE — Wayne Iron Works (See Phila., Pa.)  
 WAYNESBORO — \*††Emerson - Brantingham Co. (See Rockford, Ill.)  
 \*††Emmert Mfg. Co. (Vises, etc.)  
 \*††Frick Co. (Steam & Traction Engines, Ice Machinery & Agl. Impls, etc.)  
 \*†Landis Machine Co. (Bolt Cutters, Pipe Machines, etc.)  
 \*†Landis Tool Co. (Tool Grinders, etc.)  
 \*†Victor Tool Co. (Machine Tools, etc.)  
 WAYNESBURG — \*†Zahniser Bros. & Sten (See Washington, Pa.)  
 WEATHERLY — \*††Weatherly Foundry & Machine Co. (Grey Iron Castings, Railroad, etc.)  
 WEST CHESTER — \*†Dairy Specialty Co. (Dairy Machinery)  
 \*†Davis Louis N (Valves, etc.)  
 \*†Mayer & Eachus  
 \*††Sharples Separator Co. (Dairy Machinery & Supplies, etc.)  
 \*†West Chester Engine Co. (Gasoline Engines)  
 WESTFIELD — \*†Phillips Jacobs  
 WEST NEWTON — \*††Moore & Butts  
 \*†Neff H. S.  
 \*†United States Radiator Corp. (See Detroit, Mich.)  
 WEST SALISBURY — \*††Knecht M & Sons  
 WHEATLAND — \*†Sharon Foundry Co. (Rolling Mill Castings, Ingot Molds, etc.)  
 WILKES-BARRE — \*†Adder Machine Co. (Adding Machines)  
 †Eagle Iron Works  
 Gates Foundry Co.  
 \*†Kern Wm. S. (Canners' Machy.)  
 \*†Le Grand Mine Drill Works (Steam Mine Drills)  
 \*†Nicholson W. H. & Co. (Expanding Mandrels, Compressed & Flange Couplings, etc.)  
 \*†Pressed Steel Co. of N. Y. (Special Machinery & Dies, etc.)  
 \*††Royer & Zweibel (Brass Fdrs., etc.)  
 \*††Sheldon Axle & Spring Co. (Carriage Axles, etc.)  
 \*††Vulcan Iron Works (Iron Fdrs., Engines, Mining Machinery, etc.)  
 \*†Wilkes-Barre Iron Mfg. Co.  
 WILLIAMSPORT — \*†American Woodworking Machinery Co. (See Rochester, N. Y.)  
 \*††Darling Pump & Mfg. Co. (Ltd.) (Machinists & Iron & Brass Fdrs., etc.)  
 \*†Early Gas Engine Co.  
 \*†Foucart Jno. E. (Saws, Machines, Knives, etc.)  
 \*†Hermance Machine Co. (Woodworking Machinery)  
 \*†Keeler E Co. (Machinists & Boiler-makers)  
 \*†Larzere Machine Co.  
 \*††Lycoming Fdry. & Machine Co. (Sewing Machines, etc.)  
 \*†Moltz Jacob J (Woodworking Machinery)  
 \*†National Foundry Mfg. & Supply Co. (Power Transmitting Machinery & Grey Iron Castings)  
 \*††Rothfuss Howard Iron Works (Engines & Saw Mill Machinery)  
 †Rundlo Nelson L (Grey Iron Castings)  
 \*†Shepherd Engineering Co.  
 \*†Stutzman Frank  
 \*†Sweet's Steel Co. (Steel Castings & Machine Shop)  
 \*†United States Machine Co. (Woodworking Machinery & Iron & Brass Castings)  
 \*††Valley Iron Works  
 \*†Villinger Mfg. Co. (Dies, etc.)  
 \*†Williamsport Iron & Nail Co.  
 \*†Williamsport Radiator Co. (Radiators, etc.)  
 †Williamsport Staple Co. (Hardware & Harness Specialties)  
 WILMERDING — \*††Westinghouse Air Brake Co.  
 \*†Westinghouse Traction Brake Co. (Electric Car Brakes, etc.)  
 WINDOM — \*Kaufman Harry M.  
 WRIGHTSVILLE — †Riverside Foundry Co.  
 \*†Susquehanna Casting Co. (Light Castings & Hardware Specialties)  
 \*†Wrightsville Hardware Co. (Builders' & Hardware, etc.)  
 WYNDMOOR — \*††Nelson Valve Co. (Valve Mfrs., Brass, Iron & Steel Fdrs., etc.)  
 WYOMING — \*Eagan Jas. A. (Mine Drills, etc.)  
 YORK — \*Burrows Mfg. Co. (Valves, Regulators, etc.)  
 \*††Eyster, Weiser & Co. (Water Wheels Powder Mill Machinery & Car Castings)  
 \*††Farquhar A. B. Co. (Ltd.) (Agri. Impls., Traction & Steam Engines, etc.)  
 \*†Flinchbaugh Machine Co. (Gas & Gasoline Engines, etc.)  
 \*†General Machine Works (Knitting Machinery, etc.)  
 \*†Hench & Dromgold Co. (Harrow, Cultivators & Potato Diggers)  
 \*†Henry, Millard & Henry Co. (Gas & Gasoline Engines, etc.)  
 \*†Keystone Farm Machine Co. (Agri. Implements, Plows, Cultivators)  
 \*†Motters Geo. F. Sons (Steam Engines)  
 \*†Ottmiller Wm. H. Co.  
 \*†Read Machinery Co. (Bakers' Machinery)



- \*Root B. M. Co. (Woodworking Machinery)
- \*†**SMITH S. MORGAN CO.** (Turbines, etc.) *See adv index at end of book*
- \*†Smyser Royer Co. (Grey Iron & Builders' Castings, etc.)
- \*†Stacy-Schmidt Mfg. Co. (Ranges, Kilns & Grey Iron Castings)
- \*Wiest Machine Co.
- \*York Electric & Machine Co. (Incandescent Lamp Making & Special Machinery)
- \*†York Foundry & Machine Co.
- \*†York Mfg. Co. (Ice & Refrigerating Machinery, Corliss Engines, Castings, etc.)
- \*York Safe & Lock Co.
- \*York Wagon Gear Co. (Ltd.) (Wagon Gears)
- YOUNGS**—\*†Graver Geo. A. (Iron Fdry. & Machinist)
- ZELIENOPLE**—\*†Herman Pneumatic Machine Co. (Foundry Molding Machines, etc.)
- \*†Iron City Sanitary Mfg. Co. (See Pittsburgh, Pa.)

### RHODE ISLAND.

- AUBURN**—†Hope Foundry Co. (Iron Castings)
- BRISTOL**—\*†Herreshoff Mfg. Co. (Yacht Bldrs.)
- CENTRAL FALLS**—\*Hemphill Mfg. Co. (Knitting Machinery)
- \*Mossberg Wrench Co. (Special Machy)
- \*Newell Fred. E. (Brass Fdry.)
- EAST GREENWICH**—\*Boston Wire Stitcher Co. (Wire Stitching Machines)
- \*Nock F. S. (Engine & Power Boat Builder)
- HILLS GROVE**—†Rhode Island Malleable Iron Works (Malleable Iron Castings)
- NEWPORT**—\*Burnham Gilbert H. (Machinist)
- \*†Newport Engineering Works
- \*Owen T. G. (Machinist)
- \*†Stedman P. H. (Brass Fdry. & Finisher)
- PAWTUCKET**—\*Blackstone Machine Co.
- \*Collins Bros. (Machinists)
- \*Dawson A. Albert (Tipping Machines)
- \*Easton & Burnham Machine Co. (Textile Machinery, Spindles & Machinists), Pine
- \*†Fales & Jenks Machine Co. (Machine Tools, etc.)
- \*†H. & B. American Machine Co. (Cotton Machinery)
- \*Haskell Wm. H. Mfg. Co. (Malleable Bolts Nuts etc.)
- \*Hemphill Mfg. Co. (See Central Falls)
- Howard & Bullough American Machine Co. (Ltd.) (Cotton Machy., etc.)
- \*†Jenckes Knitting Machine Co. (Knitting Machinery, etc.)
- \*Jenkinson Jno. (Brass Founder)
- \*Luther C. A. & Co. (Textile Machy.)
- \*McKenna Frank (Brass Founders)
- \*New England Machine & Electric Co.
- \*Pawtucket Mfg. Co. (Mach., Bolts, Nuts, etc.)
- \*Payne Geo. W. & Co. (Textile Machy.)
- \*†Potter & Johnston Machine Co. (Machine Tools, etc.)
- \*Slocum, Wm. H. Co. (Machy., Forgings etc.)
- \*Tenney A. E. Mfg. Co. (Machinists)
- \*†White J. S. Co. (Iron Fdrs. & Machinists)
- PROVIDENCE**—\*Adams Bros., 224 Eddy
- \*†Allen Fire Dept. Supply Co., 159 Aborn
- \*American Ball Co. (Balls, etc.), 115 Clifford
- \*†American Locomotive Co. (Locomotives), Kinsley av. (See New York)
- \*†American & British Mfg. Co. (Corliss Engines, Driving Wheels, etc.), Charles
- \*Angell Chas. E. (Machinist), 223 Aborn
- \*†Atlas Machine Co. 7 Eddy
- \*†Barstow Stove Co. (Stoves, etc.), 116 Point
- \*Beaman & Smith Co. (Machine Tools)
- \*Blaisdell S. S. Machine Co., 228 Aborn
- \*Bragg Jno. I. (Wool, Combs, etc.), 24 Atwood
- \*†Brown & Sharpe Mfg. Co. (Machine Tools, Machinists' Small Tools & Grey Iron Castings)

- \*†Builders Iron Foundry (Grinding Machinery & Heavy Iron Castings, also Small Castings in Large Lots), 9 Coddling
- \*†City Foundry Co., 2585 Pawtucket av
- \*†Colvin Fdry. Co. (Grey Iron Castings) (Textile Machinery), 185 Globe
- \*†Crompton & Knowles Loom Works (Textile Machinery), 241 Harris av
- \*Cruickshank Engine Co. (Stationary & Yacht Engines), 286 Dyer
- \*Dart E. M. Mfg. Co. ("Dart" Unions, Couplings, etc.), 136 Clifford
- See adv index at end of book*
- \*Diamond Machine Co. (Grinding Machinery)
- \*Excelstor Steam Engine & Machine Co., 32 Friendship
- \*Field Chas. H. (Engraving Machines), 113 Point
- \*†Franklin Machine Co. (Textile Machinery, Grey Iron Castings, etc.), 189 Charles
- \*Fuller Iron Works (Brass & Bronze Castings, etc.), 40 Tockwotton
- \*†Fuller Iron Works (Cast Iron Pipe & Machy. Castings), 40 Tockwotton
- \*†General Fire Extinguisher Co. (Cast Iron Pipe & Fittings, Valves, Steam Goods, etc.)
- \*†**GORHAM CO. ARCH'L BRONZE** (Brass & Bronze Fdrs.)
- See adv index at end of book*
- \*Graham Mfg. Co. (Vises, Drill Speeders, etc.), 96 Point
- See adv index at end of book*
- \*†Harris-Corliss Engine & Machine Co. (Contract Machine Work), Park
- \*Heathcote Jno. & Son (Woollen Machinery), 212 Eddy
- \*Hughes Wm. Co., Bough
- \*Ideal-Die Casting Co. 756 Eddy
- \*Langeller Mfg. Co. (Special Machy.), Arlington
- \*Mann Chas. A., 166 Doyle av
- \*Mason Volney W. & Co. (Elevators & Machy.), 2 Lafayette
- \*Mechanical Accountant Co. (Adding Machines, etc.), 17 Warren
- Narragansett Machine Co.
- \*†New England Butt Co. (Braiding Machinery, etc.), 304 Pearl
- \*†**NICHOLSON FILE CO.** (Files, Rasps, etc.)
- See adv index at end of book*
- \*No-Dust Drying Machine Co. (Metal Drying Machines, Mechanical Dust Collectors, Polishing Machs., etc.)
- \*Parkinson Edw. Mfg. Co. (Machinist), 84 Sprague
- \*Pay Chas. & Co., 307 S Water
- \*Providence Art Metal Co., 137 Clifford
- \*Providence Brass & Aluminum Fdry. (Aluminum, Brass & Bronze Castings), 460 Eddy
- \*Providence Engineering Corp. (Corliss Engines & Contract Machy., etc.), 521 S Main
- \*Providence Mfg. & Tool Co. (Tools, etc.), 17 Warren
- \*Providence Steam Trap Co. (Steam Traps, etc.), 16 Diamond
- \*Providence Steel & Iron Co., Kinsley av
- \*Rhode Island Braiding Machine Co. (Textile Machinery), 228 Aborn
- \*Rhode Island Brass Foundry Co., 108 Pine
- \*Rhode Island Tool Co. (Tools, Nuts, etc.)
- \*Richards I. P. Co. (Punches, Dies, etc.), 23 Pemberton
- \*Rushton Carroll Co. (Textile Machy.), 10 Ethan
- \*Scott Henry L. & Co. (Machinists), 101 Blackstone
- Screw Machine Products Corp. (Contract Mechanical & Electrical), 1012 Eddy
- \*Shirley Jno. R. & Sons (Gas Fixtures), 68 Franklin
- \*†Slocumb J. T. Co. (Machinists' Tools), 35 Oxford
- \*Standard Machy. Co. (Presses, Drops, Rolling Mills, Draw Benches, Shears, etc.)
- \*†Textile Finishing Machinery Co. (Textile Machinery), 171 Westminster
- \*Thurston Mfg. Co. (Machy & Tools), 140 Benedict

- \*Tower James H. Iron Works (Iron Work of all kinds), 50 Borden
- \*U. S. Bobbin & Shuttle Co. (Textile Machinery), 57 Eddy
- \*Universal Winding Co. (Winding Machines), Auburn
- \*White-Stillman Foundry Co. (Brass Fdrs.), 1 Bark
- Willemans Mfg. Co. Inc. (Special Machinery & Tools), 18 Eddy
- \*Winsor & Jerauld Mfg. Co. (Textile Machinery), 223 Harrison
- RIVER POINT**—†Brayton L. Foundry Co. (Grey Iron Castings)
- VALLEY FALLS**—\*Hindley Mfg. Co. (Castings, Keys, etc.)
- WARREN**—\*Potter, Collamore & Co.
- WESTERLY**—\*†Cottrell C. B. & Sons Co. (Printing Presses, etc.)
- \*Wilcox, Donahue & Co. (Stone Tools, etc.)
- WOONSOCKET**—\*American Wringer Co. (See New York City)
- \*Knight Geo. C. (Machinist)
- \*Taft Pierce Mfg. Co. (Contr. for Special Machy. & Mechanical Devices of All Kinds)
- \*†Woonsocket Machine & Press Co. (Textile Machy.)
- \*Woonsocket Napping Machinery Co. (Textile Machy.)

### SOUTH CAROLINA.

- ANDERSON**—\*†Anderson Mach. & Fdry. Co. (Machinery & Castings)
- BLACKSBURG**—\*†Blacksburg Machine & Iron Works
- CHARLESTON**—\*†Charleston Iron Works (Machinery, Engines, Rollers, etc.)
- \*†Riley Jno. F. (Brass & Iron Castings, Forgings, Machinists, etc.)
- \*†Riverside Iron Works (Machinists Fdrs., Shipsmiths, etc.)
- \*†Valk & Murdoch Co. (Iron Fdrs., Machinists & Machinery)
- \*†Virginia-Carolina Chemical Co. Fdy. Department
- CHERAW**—\*†Pee Dee Iron Works
- CHESTER**—\*Chester Machine & Lbr. Co.
- COLUMBIA**—\*†Gibbes Machinery Co. (Engines & Machinery Corp.)
- \*†Palmetto Iron Works
- \*†Willis J. A. (Steam Engines, etc.)
- CONWAY**—†Conway Iron Works
- CORNWELL**—\*McKeown W. O. & Sons
- DARLINGTON**—†Wilson & James
- DILLON**—\*†Dillon Plow & Novelty Works (Plows, etc.)
- FERGUSON**—\*†Santee River Cypress Lumber Co.
- GAFFNEY**—\*†Cherokee Fdy. & Mach. Works
- GEORGETOWN**—\*†Atlantic Coast Lumber Corp.
- GREENVILLE**—\*American Machine & Mfg. Co. (Oil Mill Machy., etc.)
- \*†Mountain City Fdry. & Machine Works (Inc.)
- MCCOLL**—\*†Fletcher John C. (Cotton Planters, etc.)
- MARION**—†McDuffie Emerson
- ORANGEBURG**—\*†Smoak J. W.
- ROCK HILL**—\*†Jones E. G. Iron Works
- \*†Sylecau Mfg. Co.
- SALUDA**—†Crout J. M.
- SPARTANBURG**—\*Bomar B. F.
- \*†Standard Iron Works
- SUMTER**—\*†Sumter Machinery Co.
- \*†Sumter Telephone Supply Co.
- UNION**—†Union Iron Foundry
- WALTERBORO**—\*†Cummings Iron Works & Supply Co.

### SOUTH DAKOTA.

- ABERDEEN**—\*†Hub City Iron Works
- CANTON**—\*Ellingson E.
- DE SMET**—\*Elliott G. W. & Co. (Gasoline Tractors)
- LEAD**—\*†Homestake Mining Co.
- MITCHELL**—\*†Summers F. A.
- MELLETTTE**—\*Oberle John
- REDFIELD**—\*†Norbeck & Nicholson Co. (Iron Fdrs. & Machinists)
- SIOUX FALLS**—\*Dakota Plow & Wagon Co. (Agricultural Implts., etc.)
- \*†Pankow Bros. (Fdrs. & Machinists)
- \*Sioux Gas Engine Co. (Gas Engines)
- WATERTOWN**—\*Hanten Machine Co.
- \*Hess & Rau
- WEBSTER**—\*Magnus Wm. J. (Machinist)
- WOONSOCKET**—†Janssen J. H.
- YANKTON**—\*Fanslow Bros. (Machinists)
- \*Veiling Anton



## TENNESSEE.

BRISTOL—\*†Enterprise Foundry & Machine Works  
 CHATTANOOGA—\*†Acheson Foundry & Machine Works  
 \*†American Brake Shoe & Foundry Co. (See Mahwah, N. J.)  
 \*American Lava Co.  
*See adv index at end of book*  
 \*American Mfg. Co. (Light Hardware, etc.)  
 \*Brown T. W. & Bro.  
 †Cahill Iron Works (Plumbers' Enamelled Cast Iron Ware)  
 \*†Casey-Hedges Co. (Cast Iron Soil Pipe & Fittings, Boiler Fronts & Castings, Grate Bars, etc.)  
 \*Chattanooga Armature Works (Armature Castings, etc.)  
 \*†Chattanooga Car & Foundry Co. (Cars, Car Wheels, Grey Iron Castings, etc.)  
 \*†Chattanooga Implement & Mfg. Co. (Hay Presses, Agrl. Impls., etc.)  
 \*†Chattanooga Plow Co. (Plows, Cane Mills, etc.)  
 \*Chattanooga Saw Works (Saws, etc.)  
 \*†Columbian Iron Works (Fire Hydrants, Valves, Municipal Castings, etc.)  
 \*†Eureka Foundry Co. (Iron Fdrs.)  
 †Frictionless Metal Co. (Bearings, etc.)  
 \*†Gustafson Mfg. Co. (Cars, Mine Equipments, Car Wheels, etc.)  
 †Heron Iron Bedstead Co.  
 \*†Jones Machine & Foundry Co. (Brass & Grey Iron Castings)  
 \*†Lookout Boiler Mfg. Co. (Grey Iron Castings, etc.)  
 Lucey Mfg. Corp. of Tenn. (Oil Well Machinery, Tools, etc.)  
 \*McGregor J. F. Mfg. Co. (Hardware Specialties, etc.)  
 \*†Mountain City Stove & Mfg. Co. (Stoves, etc.)  
 \*†Patten Mfg. Co. (Electric & Gasoline Hoists, etc.)  
 \*Peglar Mfg. Co. (Saw Mill Machy., etc.)  
 †Price-Evans Foundry Co. (Iron & Brass Castings, Stoves, etc.)  
 \*†Ross-Meehan Foundry Co. (Grey & Malleable Iron Castings, etc.)  
 \*†Sanders Newell Plow Co. (Plows, etc.)  
 \*†Sharp J. C. Brass Works  
 \*Sherman Morris Co.  
 \*Southern Skein & Foundry Co. (Grey Iron Castings, Wagon Skeins, Wagon Hardware, etc.)  
 \*Star Pea Huller Co.  
 \*Stickney & Montague (Mail Work)  
 \*Street Bros. Machine Works  
 \*Sybilla Elevator & Mfg. Co. (Elevators, Hoists, etc.)  
 \*Tennessee Stove Works (Stoves, etc.)  
 \*†U. S. Cast Iron Pipe & Foundry Co. (See New York City)  
 \*Vacuum Dyeing Machine Co.  
 \*Vesta Gas Range & Mfg. Co. (Stoves, Ranges, etc.)  
 †Vibrator Instrument Co.  
 \*†Walsh & Weidner Boiler Co. (Boiler Fronts & Castings, etc.)  
 \*†Wheland Co. (Engines, Saw Mill Machinery, etc.)  
 CLARKSVILLE—\*†Clarksville Foundry & Machine Works (Brass & Grey Iron Castings, etc.)  
 \*†Drane Foundry & Supply Co.  
 \*†Pach A. H. (Corn Shellers, Feed Mills, etc.)  
 CLEVELAND—\*†Hardwick Stove Co. (Stoves)  
 COOKEVILLE—Dorman E. E.  
 COPPERHILL—\*†Tennessee Copper Co.  
 HARRIMAN—\*†Harriman Mfg. Co. (Lawn Rollers, Fanning Mills, etc.)  
 JACKSON—\*†Heathcock-Rush Machine Co.  
 \*†Southern Engine & Boiler Works (Engines, Saw Mill Machy., etc.)  
 JELICO—\*†Jelico Foundry Co.  
 KNOXVILLE—\*Dempster Jas. (Machinist)  
 \*Duncan John G. Co.  
 †Fair Foundry Co. (Stoves, etc.)  
 \*†Fulton Co. (Specialties)  
 \*†Knox Stove Works (Stoves, etc.)  
 \*†Knoxville Foundry & Machine Co.  
 \*Knoxville Iron Co. (Machine Shop Attached to Works)  
 †Lonsdale Foundry Co.  
 †Nelsen H. O. Iron Works (Iron Fences & Castings)

\*Oliver Wm. J. Mfg. Co. (Contractors' Cars, etc.)  
 \*†Sanford-Day Iron Works (Car Wheels & Cars)  
 \*†Savage W. J. Co. (Mill Machy., etc.)  
 \*†Southern Pipe & Foundry Co.  
 \*Ty-Sa-Man-Machine Co.  
 \*Wolfe M. L. Automobile Co. (Machinist)  
 LAWRENCEBURG—\*Beuerlein F. X.  
 LENOIR CITY—\*†Lenoir Car Works  
 LEWISBURG—\*Green Bros.  
 †Lewisburg Foundry Co. (Castings, Stoves, etc.)  
 LEXINGTON—\*†Southern Fdry. & Machine Co.  
 McMINNVILLE—\*†Wrightman D. M. & Son  
 MEMPHIS—\*†American Car & Foundry Co.  
 Beronio & Palmer (See St. Louis, Mo.)  
 \*†Chickasaw Machine & Foundry Co.  
 \*†Ellis Wm. C. & Sons Iron Works (Agrl. Impls. & Machy.)  
 \*†Lane F. M.  
 \*†Memphis Brass Valve Works  
 \*†Memphis Machine Works (Saw Mill Machinery, etc.)  
 \*Memphis Repair Works  
 Vulcan Iron Works  
 \*†Wetter H. Mfg. Co. (Stoves, Cast Iron Soil Pipe, etc.) Works: So. Pittsburg, Tenn.  
 NASHVILLE—\*†Allen Mfg. Co. (Stoves)  
 \*Atlas Machine Co.  
 \*Bouchard John & Sons Co. (Compressors, Ice & Refrigerator Machinery)  
 \*Braid Electric Co. (Elec. Specialties)  
 \*†Cumberland Foundry & Mfg. Co. (Hdw. Specialties)  
 \*†Gray & Dudley Hardware Co.  
 †Jakes Foundry Co.  
 \*†Jones & Hopkins Mfg. Co. (Stoves, Ranges & Heaters)  
 \*†Jonte N. S. (Machinist)  
 \*†Lawrence J. H. & Sons  
 \*†Marathon Motor Car Co. (Auto Bldrs.)  
 \*†N. C. & St. L. Ry.  
 \*Nashville Bridge Co.  
 \*Nashville Machine Co.  
 \*Phillips & Buttruff Mfg. Co. (Stoves, Ranges, etc.)  
 \*Rock City Machine Co. (Machinists)  
 †Southern Foundry Co. (Small Iron Castings)  
 \*†Stewart & Bruckner Co.  
 PULASKI—\*†Pulaski Machine Co.  
 \*West J. G.  
 ROCKWOOD—\*†Roane Iron Co.  
 SOUTH PITTSBURG—\*†Lodge Mfg. Co. (Sad Iron & Hdw. Specialties)  
 †South Pittsburg Foundry Co. (Soil Pipe, etc.)  
 \*†Wetter H. Mfg. Co. (See Memphis)  
 UNION CITY—\*†Semones & Son

## TEXAS.

AUSTIN—\*Gossard A. R. (Mill Machinery)  
 \*†Heierman Frank & Bro.  
 †Tips Foundry & Machine Co. (Gasoline Engines, Pumps, etc.)  
 BATSON—\*Thompson & Dederick & Co.  
 BEAUMONT—\*†Beaumont Iron Works Co.  
 BRENHAM—\*†Beaumier Joe H.  
 \*Roff & Miller  
 BROWNWOOD—\*†Brownwood Fdry. & Machine Co.  
 BRYAN—\*Stevenson John B.  
 CLEBURNE—\*†Cleburne Foundry Co.  
 CORSICANA—\*†American Well & Prospecting Co. (Iron Fdrs., Machinists & Engineers, Well Machy.)  
 \*†Oil City Iron Works  
 DALLAS—\*†Continental Gin Co. (Cotton Gins). (See Birmingham, Ala.)  
 \*†Dallas Brass Mfg. Co. (Brass & Aluminum Castings)  
 \*†Dallas Foundry  
 \*†Mosher Mfg. Co. (Iron & Brass Founders, Machinists, etc.)  
 \*†Murray Co. (Gin Machy. & Supplies)  
 \*Southern Plow Co. (Agricultural Implements)  
 \*†Sutton, Steel & Steel (Mining Machinery, etc.)  
 \*†Texas Disc Plow Co. (Plows, etc.)  
 DENISON—\*Clark H. W. & Son  
 †Knaur Wm. E. (Iron Fdry.)  
 \*Knaur & Howe  
 EL CAMPO—\*Lindstrom C.

EL PASO—\*†Darbyshire Harvie Iron & Machine Co.  
 \*†El Paso Foundry & Machine Co. (Steel Castings)  
 FORT WORTH—\*†Axtell Co. (Windmills, etc.)  
 †Boicourt, J. L.  
 †Bowdry & McKinley Iron Works  
 \*Enterprise Iron & Foundry Co.  
 \*†Gamer Co.  
 \*Midland Brass Works (Brass Fdrs.)  
 \*Southwestern Mechanical Co.  
 \*Texas Anchor Fence Co. (Farm, Stock & Lawn Fencing, Gates, etc.)  
 \*Texas Mfg. Co. (Cotton Gins, etc.)  
 \*†Utica Brass & Machine Co.  
 \*†Van Zandt-Moore Iron Works  
 GAINESVILLE—†Arnett C. C.  
 \*Collins H. L.  
 GALVESTON—\*†McDonough Iron Works (Steam Engines)  
 \*†Walsh & Cleary (Iron Fdrs.)  
 HENDERSON—Teller E. J. & Son  
 HOUSTON—\*†Calhoun Pattern Foundry & Machine Co.  
 \*†Dickson Car Wheel Co. (Car Wheels, etc.)  
 \*Grant Locomotive & Car Works (Locomotives & Cars Rebuilt)  
 \*†Hartwell Iron Wks. (General Machine Work & Iron & Brass Castings)  
 \*†Houston Car Wheel & Machine Co. (Dredge, Oil Mill & Saw Mill Machy. & Iron Castings)  
 \*Houston Iron Wks. (Oil Mill Strainers, Brass Castings & Machine Work)  
 \*Houston Structural Steel Co. (Steel Work for Buildings, etc.)  
 \*Layne & Bowler Co. (Pumps & Oil Well Strainers, etc.)  
 \*†Lloyd Metal Co. (General Machine Work & Iron & Brass Castings)  
 †Miller Louis E. (Electrical Engr. & Brass Fdr.)  
 \*Ries & Fink (Iron & Brass Work & General Machinist)  
 \*Riesner B. A.  
 \*†Southern Brass Mfg. & Plating Co. (Brass Fdrs., Finishers & Platers)  
 \*Stancliff Well Screen & Mfg. Co. (Oil Well Strainers, Drive Well Points, etc.)  
 \*†Union Iron Works (Well Drilling Machy.)  
 JEFFERSON—\*†Jefferson Fdry. & Machine Shops  
 LAMPASAS—\*Huling Tom B.  
 LAREDO—\*Laredo Iron Works  
 LONGVIEW—\*†Kelly G. A. Plow Co. (Agricultural Impls.)  
 LUFKIN—\*†Lufkin Fdry. & Machine Co. (Saw Mill Machinery, etc.)  
 MARSHALL—\*†Marshall Car Wheel & Fdry. Co. (Car Wheels, etc.)  
 ORANGE—\*†Orange Iron Works  
 PALESTINE—\*†Dilley Geo. E. & Son (Iron Fdrs. & Cars & Castings, etc.)  
 PARIS—\*†North Texas Foundry & Machine Co.  
 PITTSBURG—\*†Pittsburg Foundry & Machine Co.  
 QUEEN CITY—\*†Boyd W. E.  
 RUSK—\*†Pryor James T.  
 SAN ANGELO—\*San Angelo Fdry. & Machine Co.  
 SAN ANTONIO—\*†Alamo Iron Works  
 \*†San Antonio Machine & Supply Co. (Well Machy.)  
 \*†San Antonio Machine & Supply Co.  
 \*Schiffers Peter & Sons  
 \*Southern Structural Steel Co.  
 SHERMAN—\*†Washington Iron Works  
 TEXARKANA—\*†De Marce Mrs. A. (Iron Fdry. & Steam Engines, etc.)  
 VICTORIA—\*Knowlan Machine & Supply Co. (Jobbing)  
 \*Rose Jas. G. (Jobbing)  
 \*Victoria Safe & Lock Co. (Safes, etc.)  
 WACO—\*†June D. Machinery Co. (Mill & Gin Machy., etc.)  
 WAXAHACHIE—\*Cronk F. S. Co.  
 WEATHERFORD—\*†Lewis J. R. Weatherford Machinery & Foundry Co.  
 WICHITA FALLS—\*Luecke H. C. (Plows, etc.)  
 \*†Wichita Falls Foundry & Machine Co.



## UTAH.

OGDEN—†§Pearce Wm. & Sons  
 \*†§Western Foundry & Machine Co.  
 SALT LAKE CITY—\*Crager Wire & Iron Works  
 \*†§Davis, Howe & Co.  
 \*Fowler J. P. Mfg. Co.  
 \*Numa Rock Drill Sharpener Co. (Rock Drill Sharpening Machines, etc.)  
 \*†§Oregon Short Line R. R.  
 \*†§Salt Lake Engineering Works (Mining, Concentrating & Smelting Machinery)  
 \*Trent Engineering & Machinery Co.  
 \*†Union Foundry & Machinery Co.  
 †Western Foundry & Stove Repair Works

## VERMONT.

BARRE—\*†§Smith, Whitcomb & Cook Co. (Stone Polishing & Working Machinery)  
 BARTON—\*†§Murkland Jno. W. Co.  
 BELLOWS FALLS—\*†§Rockingham Foundry & Screen Plate Co. (Founders & Screen Plates, etc.)  
 \*†Vermont Farm Machine Co. (Creamery Machinery, etc.)  
 BENNINGTON—\*†§Bennington Scale Co.  
 \*Cooper Chas. (Est. of) (Knitting Machinery, etc.)  
 \*†§Scott Olin (Est. of) (Gun Powder, Paper & Pulp Mill Machy., etc.)  
 \*Sibley E. L. Mfg. Co. (Eyelet Presses)  
 BRANDON—†Backus Corp. (Heaters, etc.)  
 BURLINGTON—Davis Machine Works  
 \*Kidder J. F. Mfg. Co. (Angle Iron Cutting Machines)  
 CHESTER—\*Chester Machine Co.  
 DERBYLINE—\*Butterfield & Co. (Taps & Dies, etc.)  
 EAST HIGHTGATE—\*Rixford Mfg. Co. (Scythes, Axes, etc.)  
 FAIRHAVEN—\*†§Dalrymple George  
 \*†Fair Haven Foundry & Machine Co. (Hoisting Engines, Iron Castings, etc.)  
 LUDLOW—\*Warner Edw. C.  
 LYNDONVILLE—\*Wood Edwin T.  
 MANCHESTER—\*†§American Locomotive Co. (See N. Y. City)  
 \*Hawley E. J. & C. H. (Sand Feed & Stone Working Machy.)  
 MIDDLETOWN SPRINGS—\*†§Gray's A. W. Sons (Agrl. Impls., etc.)  
 \*Gray Fred E.  
 MONTPELIER—\*†§Colton Mfg. Co. (Saddlery Hdw.)  
 \*†§Lane Mfg. Co. (Woodworking Machinery, Traveling Cranes, etc.)  
 MORRISVILLE—\*†§Morrisville Foundry Co.  
 POULTNEY—\*†§Ruggles Machine Co. (Slate Machinery, etc.)  
 RANDOLPH—\*†§Sargent, Osgood & Roundy Co. (Plows, Farm Machy., etc.)  
 RUTLAND—\*Frenier & Son (Sand Pumps & Stone Working Machinery)  
 \*Grimm G. H. (Evaporators, Steel Ranges, etc.)  
 \*†§Howe Scale Co. (Scales, Engines, Power Hammers, etc.)  
 \*†§Lincoln Iron Works (Stone Working Machy., etc.)  
 \*†§Patch F. R. Mfg. Co. (Stone Working Machy., etc.)  
 \*Rutland Machine & Auto Co.  
 \*Steward L. & J. A. (Can Makers' Machinery, etc.)  
 SAINT JOHNSBURY—\*American Fork & Hoe Co. (See Cleveland, O.)  
 \*†§Fairbanks E. & T. & Co. (Scales, Power Hammers, etc.)  
 \*†§Hooker O. V. & Son  
 SOUTH SHAFTSBURY—†Eagle Square Mfg. Co. (Steel & Iron Bedsteads, etc.)  
 SPRINGFIELD—\*Bryant Chucking Grinder Co. (Chuck Grinders, etc.)  
 \*†§Fellows Gear Shaper Co. (Gear Shaping Machines)  
 \*Gilman & Son (Last Lathes, etc.)  
 \*†Jones & Lamson Machine Co. (Machine Tools, etc.)  
 \*Parks & Woolson Machine Co. (Textile Machy.)  
 \*Slack Mfg. Co. (Metal Cutting-off Machines)  
 †Springfield Brass Co. (Brass Fdrs.)  
 †Vermont Snath Co.

WALLINGFORD—\*American Fork & Hoe Co. (See Cleveland, O.)  
 \*Wallingford Mfg. Co. (Hdw. Specialties, etc.)  
 WATERBURY—\*†§Cooley Wright Mfg. Co. (Gas Engines)  
 WESTMINSTER STATION—\*Abenague Machine Works (Gas & Gasoline Engines, etc.)  
 WEST RUTLAND—\*North Aaron E. (Water Wheels)  
 WHITE RIVER JUNCTION—Nott H. L.  
 WINDSOR—Hubbard & McClary (Hdw. Specialties)  
 WINOOSKI—\*†§Stevens C. N. (Est. of) (Woodworking Machy.)  
 WOODSTOCK—\*View Wm. E.

## VIRGINIA.

ALEXANDRIA—\*Aitcheson J. & H.  
 \*†Alexandria Iron Works (Iron Fdrs., etc.)  
 \*Emerson Engine Co. (Steam Engines, Turbines, etc.)  
 \*†Emerson Steam Pump Co. (Steam Pumps, etc.)  
 ALTAVISTA—\*†§Altavista Foundry Co. (Iron Castings, Grate Bars, etc.)  
 BASIC—\*†§Penn Fdry. & Mfg. Co. (Steel & Malleable Iron Castings)  
 BERKLEY—\*Berkley Machine Works  
 BRIDGEWATER—\*Miller W. H.  
 BRISTOL—\*†§Dominion Iron Works (Grey Iron & Brass Founders, Stoves & Ranges, etc.)  
 BUENA VISTA—\*†§Buena Vista Foundry Co.  
 CHARLOTTESVILLE—\*†Harris R. F. & Co. (Agrl. Impls., etc.)  
 \*Marshall George B.  
 CLIFTON FORGE—†Clifton Forge Machine & Foundry Co.  
 COVINGTON—\*†§Covington Machine Co. (Punches, Shears, Rolls, etc.)  
 CULPEPPER—\*Nalle T. E.  
 DANVILLE—\*†§Carter J. T. Sons (Machinist & Fdry.)  
 \*†Westbrook Elevator Co. (Elevators & Tobacco Machinery, etc.)  
 EMPORIA—\*†§Emporia Machine Co. (Inc.)  
 FINCASTLE—\*†§Bowyer O. M. (Machinist & Fdry.)  
 FREDERICKSBURG—†Hunter Chas. E. Farmers' Friend Plow Works (Plows, etc.)  
 GRAHAM—\*†§Thistle Foundry & Machine Co.  
 HAMPTON—\*†§Hampton Mfg. Co. (Agrl. Implements, Aluminum, Brass & Grey Iron Castings, etc.)  
 HARRISONBURG—\*†§Bradley P. & Sons (Plows & Agrl. Impls.)  
 \*Garber & Wilbarger Co.  
 KEYSVILLE—†Keysville Plow Works (Plows, etc.)  
 LYNCHBURG—\*†§Glamorgan Pipe & Fdry. Co. (Cast Iron Pipe, etc.)  
 \*Hicks C. W. & Co.  
 \*†§Hubard Foundry & Machine Works  
 \*†§Lynchburg Foundry Co. (Cast Iron Gas & Water Pipe & General Foundry Work)  
 MARION—\*†§Look & Lincoln (Agrl. Implements, Wagons, etc.)  
 \*†Marion Fdry. & Machine Works  
 MARTINSVILLE—\*†§Cheshire J. & Son  
 NEWPORT NEWS—\*†§Newport News Ship Building & Dry Dock Co. (Steel Ships, Marine Engines, etc.)  
 \*†Warwick Machine Co. (Marine Repairs)  
 NORFOLK—\*†§Atlantic Iron Works (Iron & Brass Castings of Every Description)  
 †Billups C. Son & Co. (Agrl. Impls., etc.)  
 \*Chesapeake Launch & Motor Co. (Marine Engines, etc.)  
 \*Donahue & Marsden  
 \*†§Duval Geo. W. & Co.  
 \*†§Eagle Iron Works  
 \*†§Elizabeth Iron Works (Engines, Boilers, Forgings, etc.)  
 \*†§Godwin Thos. W. & Co. (Marine Engines)  
 \*Gyro Metal Works  
 \*Norfolk Woodworking Machinery Co. (Woodworking Machy, etc.)  
 \*†§Ridgewell & Hall  
 \*Smith & McCoy  
 \*Twin City Iron Works  
 \*†§White's S. R. Sons (Agrl. Impls.)

†Whitehurst R. W. Mfg. Corp. (Agrl. Impls., etc.)  
 NORTON—\*†§Norton Car & Foundry Co.  
 PARKSLEY—\*McCready J. B.  
 PETERSBURG—\*†§Appomattox Iron Wks. & Supply Co. (Saw Mill Machinery, Iron & Brass Castings, etc.)  
 \*†Ayers J. R. (Agricultural Implement Mfrs.)  
 \*†§Titus Elmer E. (Iron Fdry. & Basket & Veneer Cutting Machy., etc.)  
 POOLVILLE—†Pool S. P.  
 PORT REPUBLIC—†Port Republic Foundry  
 PORTSMOUTH—\*Portsmouth Machinery Works  
 \*Southern Metal & Fdry. Corp. (Brass Castings)  
 PULASKI—\*†§Pulaski Foundry & Machine Co.  
 \*†§Virginia Iron, Coal & Coke Co.  
 PURCELLVILLE—\*Loudown Machine Co.  
 RADFORD—\*†§Lynchburg Foundry Co. (Cast Iron Pipe, etc.)  
 RICHMOND—\*†§American Locomotive Co. (Locomotives), N End 7th (See New York City)  
 \*†Call-Watt Co. (Plows, etc.)  
 †Cameron Stove Co. (Stoves, etc.)  
 \*†§Cardwell Machine Co. (Machinists & Fdrs.), 1900 E Cary  
 †§Carr Jas. W. (Brass & Iron Castings, etc.), 7th N 25th  
 \*Commonwealth Supply Co., Mutual bldg  
 †Continental Stove Co. (Stoves, etc.)  
 †Frictionless Metal Co. (Bearings, etc.), 608 Byrd. (See Chattanooga, Tenn.)  
 \*†Johnson J. R. & Co. (Car Axes, etc.)  
 \*Kline Kar Corp. (Auto Bldrs.), Boulevard nr. Fairgrounds  
 \*McConnell-Browning Eng. Co. (Special Machy.), 1015 E Cary  
 \*†McGee O. G. & Son, 2312 E Main  
 \*McLaughlin Thos., 3016 Poplar  
 \*Morrison Company, Mayo's Isle  
 †Old Dominion Iron & Nail Works Co. (Iron Fdrs. & Nails & Bar Iron, etc.), Belle Isle  
 \*†Richmond Electric Works (Dynamoes, etc.), McDonough  
 \*†Richmond Fdry. & Mfg. Co. (Grey Iron Castings), Hermetage rd  
 \*Richmond Pressed Metal Works, Inc., Stockton & 6th  
 \*†Richmond Stove Co. (Stoves, etc.), 2505 E Main  
 \*†Richmond Structural Steel Co., 17th & Dock  
 †§Southern Stove Works (Stoves, etc.)  
 †Starke's Dixie Plow Works (Agrl. Implements, etc.)  
 \*†§Strickland Machine Co. (Machinists & Fdrs.), 2330 E Main  
 \*Tower-Binford Electric & Mfg. Co. (Electrical Specialties)  
 \*†§Tredgar Co. (Car Wheels & Brass & Iron Castings), ft. of 5th  
 \*Turner Jno. Son (Jobbing), 1108 E Cary  
 \*Umlauf J. A. (Elevators), 9 S 15th  
 \*Virginia Forging & Mfg. Co.  
 \*Virginia Iron & Metal Co., 7th & Semmes  
 ROANOKE—\*Consolidated Tramway Co.  
 \*†§Roanoke Iron Works (Rebuilt Locomotives, Steam Shovels, etc.)  
 \*Rock Hill Machine Works  
 \*†Virginia Bridge & Iron Co. (Bridge & Steel Structural Work, etc.)  
 SALEM—\*†§Camden Iron Works (Architectural Iron Work, Castings, etc.)  
 \*Comas Machine Co. (Cigarette Machinery)  
 \*†§Salem Foundry & Machine Works (Flour Mill Machy.)  
 SALTVILLE—\*†§Mathieson Alkali Works  
 STAUNTON—\*†§Leader Plow Co. (Plows, etc.)  
 \*Stockdon B. F. & Bros.  
 SUFFOLK—\*†§Benthall Machine Co. (Peanut Picking Machines, etc.)  
 SUTHERLIN—\*Kerns T. A.  
 TOMSBROOK—†Powell's Fort Stave Co.  
 VENTER—\*†§Adams C. R.  
 VESUVIUS—†Vesuvius Plow Works (Agricultural Implements)  
 WAYNESBORO—†Loth W. J. Stove Co. (Stoves)  
 \*†§Rife & Schoppert (Iron Fdrs. & Machinists)  
 WINCHESTER—\*†§Snapp Fdry. Co.



## WASHINGTON.

**ABERDEEN**—\*†Douglas Bros. (Founders & Machinists)  
 \*Nelson Neils & Son  
 \*Potter F. M.  
**ANACORTES**—\*Bell Machine Works (Jobbing)  
 Knapp & Ronneberger (Machinist)  
**ASOTIN**—\*Brown L. K. (Machine Shop)  
**BELLINGHAM**—\*†Burpee & Letson (Ltd.), (Shingle Mill Machinery, Canning Machinery, etc.)  
 †Union Iron Works (Iron Castings)  
 \*Walling S. E. (Shingle Machinery, etc.)  
**BLAINE**—\*Seely Bros. (Canning Machinery)  
 \*Snow & Goodfellow  
**CASTLEROCK**—\*Dickson J. W.  
**CENTRALIA**—\*†Symons J. P. Co.  
**CHEHALIS**—\*Gustavson P.  
**CONNELL**—\*Flygare & Barnes  
 \*Thomas W. F.  
**ELLENSBURG**—\*Mitchell G. L.  
**ELMA**—\*Zander J. C.  
**EVERETT**—\*Aalbu Bros. (Jobbing)  
 \*†Bayside Iron Works  
 \*†Kravik G. H.  
 \*†Schofield Fred.  
 \*†Sumner Iron Works (Saw & Shingle Mill Machy., Boilers, etc.)  
 †Washington Stove Works (Stove Mfrs.)  
**GOLDENDALE**—\*Goldendale Garage  
**HOQUIAM**—\*†Gray's Harbor Iron & Steel Co. (Founders, Forgers & Machinists)  
 \*†Lamb Machine Co.  
**KELSO**—\*Peters Machine Works  
**MT. VERNON**—\*Franklin Iron Works  
 \*Hamburg Bros.  
 \*McNicol Walter  
**NEWPORT**—\*Miner F. W.  
**NORTH YAKIMA**—\*Heer L. L.  
 \*†Yakima Iron Works  
**OLYMPIA**—\*Lindley Chas. D.  
 \*Parrott & Hahn  
**PORT ANGELES**—\*Machenheimer Bros.  
**PORT TOWNSEND**—\*Jones Fred. D.  
**RAYMOND**—\*†Raymond Foundry & Machine Co.  
**RENTON**—\*†Seattle Car & Foundry Co.  
**RITZVILLE**—\*Landreth W. H.  
**ROCKFORD**—\*Cosman Jacob E.  
**SEATTLE**—\*†Art Hardware & Mfg. Co. (Bldrs.' Hardware, Brass Castings, etc.)  
 \*Biegert J. C. Machine Works (Mtl Mining & Marine Work)  
 \*Clyde Casting Co.  
 \*Eagle Brass Foundry  
 \*Enterprise Brass Foundry  
 \*Finn John Metal Works (Babbitt & Blaring Metal, etc.)  
 \*Heffernan Engine Works (Steam Engines, etc.)  
 †Lang F. S. Mfg. Co. (Stoves, etc.)  
 \*Meese & Gottfried Co., 558 1st av S. (See San Francisco, Cal.)  
 \*Miller J. K. Co. (Blowers, Heating Apparatus, Ventilating Fans, etc.)  
 \*†N. & S. Foundry Co.  
 \*National Engng. & Equipment Co.  
 \*†Northwestern Iron Works (Mining Machinery, etc.)  
 †Olympic Foundry Co. (Grey Iron & Builders' Castings, etc.)  
 \*Philbrick Cutter Head Co. (Cutter-heads)  
 †Poppo & Knowles Co. (Furnaces, etc.)  
 \*Puget Sound Machinery Depot (Jobbing, Repairs, etc.), 318 1st av S.  
 \*Salmon Bay Iron & Brass Foundry  
 \*†Seattle-Astoria Iron Works (Engines, Canning Machy. & Iron Castings)  
 \*Seattle Brass Co. (Brass Fdrs.)  
 \*†Seattle Car & Foundry Co. (Car Builders, etc.)  
 \*†Seattle Construction & Dry Dock Co. (Ship Builders, Marine Engineers, Iron & Brass Fdrs., etc.)  
 \*†Seattle Frog & Switch Co. (Frogs, Switches, etc.)  
 \*Seattle Machine Works (Contractors' Machinery)  
 \*Seattle Stove Works  
 \*Sharps Brass Foundry  
 \*Smith Cannery Machine Co. (Canning Machines, Lathes, etc.)  
 \*South Seattle Foundry Co.  
 \*Star Machinery Co. (Gang Edgers, Hoists, etc.), 1731 1st av S.  
 \*Stetson-Ross Machine Works (Wood-working Machinery)  
 \*†Sumner Iron Works

†Variety Iron Works (Machinery & Castings)  
 \*Washington Elevator Co. (Elevators, etc.)  
 \*†Washington Iron Works (Hoisting & Logging Engines, Castings, etc.)  
 †West Coast Iron Works  
 \*†Westerman Iron Works (Iron Fdrs. & Machinists)  
**SHELTON**—\*Horn Philip (Jobbing)  
**SNOHOMISH**—\*†Snohomish Iron Works  
**SOUTH BEND**—†Gilchrist John G.  
**SPOKANE**—\*†Armstrong Machinery Co. (Ice & Refrigerating Machy., etc.)  
 \*†Barnard Mfg. Co. (Flour Mill Machinery, etc.)  
 \*Hallidie Co. (Mining Machy., etc.)  
 \*†National Iron Works (Mining Machinery, Castings, etc.)  
 \*New York Brass & Iron Works  
 \*†North Star Foundry Co.  
 \*†Northwest Harvester Co. (Iron Castings, Harvesters, etc.)  
 \*†Pacific Iron Works (Machinists)  
 \*†Spokane Foundry Co.  
 \*†Spokane Ornamental Iron & Wire Works  
 \*†Union Iron Works (Mining Machinery, Engines, Castings, etc.)  
**SUNNYSIDE**—\*Miller & Morrow  
**TACOMA**—†Atlas Foundry & Machine Co.  
 \*Auto-Marine Machine Wks. (Jobbing)  
 \*Carman Mfg. Co.  
 \*Coast Iron & Machine Works (General Machine Work)  
 \*Enterprise Brass Foundry Co.  
 \*†Globe Iron Wks.  
 \*†Griffin Wheel Co. (Car Wheels. (See Chicago, Ill.)  
 \*Hallin Gas Engine & Boat Co. (Gas Engines)  
 \*Hoskins L. G. (Machine Work)  
 \*Lock Rail Iron Bedstead Co. (Iron Bedsteads)  
 \*†Puget Sound Iron & Steel Works (Gasoline Engines, Log Hauls, etc.)  
 \*T. & B. Brass Fdry. Co.  
 \*Tacoma Ry. & Power Co.  
 \*†Tacoma Smelting Co. (Smelters, etc.)  
 \*Walstad Machine & Electric Co. (General Machine Work)  
 \*†Washington Pipe & Foundry Co. (Cast Iron Pipe, Hydrants, Valves, etc.)  
**WALLA WALLA**—\*†Brown-Lewis Corp.  
 \*†Walla Walla Iron Works  
 \*Washington Weeder Works (Disc Cultivators).

## WEST VIRGINIA.

**BLUEFIELD**—\*†Superior Supply Co.  
**CAMERON**—\*Cameron Tool Co.  
 \*Eljer Co.  
**CHARLESTON**—\*†Kanawha Mine Car Co. (Coke Oven Castings, Mine Cars, Wheels & Axles, etc.)  
 \*Kelly Axe Mfg. Co. (Axes, etc.)  
 \*Ohio Tool Co. (Tools, Planes, etc.)  
 \*†South Side Foundry & Machine Works (Iron Castings & Mine Fans, etc.)  
 \*†Vulcan Iron Works  
 †Ward Chas. Engineering Works (Marine Boilers, etc.)  
**CHARLESTOWN**—\*†Weller Bro.  
**CLARKSBURG**—\*†Hart Bros. Machine Co. (Engines & Saw Mills)  
 \*Osborn W. B. Machinery Co.  
 \*†Osborn's J. F. Sons (Iron Fdrs. & Engines & Saw Mills)  
**ELKINS**—\*†Elkins Foundry & Machine Co.  
 \*†Humphrey Mfg. Co.  
**FAIRMONT**—\*Aultman T. G. Steam Pump Works (Steam Pumps, etc.)  
 \*†Donnelly A. H.  
 \*†Fairmont Mining Machinery Co. (Mining Machy. & Soft Castings)  
 \*†Helmick Foundry & Machine Co. (Coal & Coke Oven Equipments, etc.)  
 \*†Mountain City Stove & Fdry. Co. (Stoves, etc.)  
**GRAFTON**—\*Moran Patrick  
 \*†Newlon Foundry & Machine Co.  
**HUNTINGTON**—\*†American Car & Fdry. Co. (See St. Louis, Mo.)  
 †Huntington Stove & Foundry Co. (Stoves)  
 †West Va. Foundry & Stove Co. (Stoves, etc.)  
**LOGAN**—\*Guyan Machine Shops  
**MABSCOT**—\*†Carper Foundry & Machine Co.

**MANNINGTON**—\*Phillips Chas. Tool Co.  
**MARTINSBURG**—\*†Matthews T. E. & Bro.  
**MORGANTOWN**—\*†Chrisman & Goodwin Foundry Co.  
 \*†Romisch Mfg. Co.  
**PARKERSBURG**—\*Acme Fishing Tool Co. (Oil Well Supplies)  
 \*Baldwin Tool Works  
 \*Crotty J. J. & Co.  
 \*Kelly Michael (Est. of) (Iron Fdry.)  
 \*Kesselman & Co. (Machinists & Oil Well Tools, etc.)  
 \*National Sucker Rod Co. (Sucker Rods, etc.)  
 \*Parkersburg Iron & Steel Co. (Machine Shop for Own Use)  
 \*†Parkersburg Machine Co.  
 \*Valley Machine Co. (Special Machinery, Brass & Iron Fdrs., etc.)  
**PIEDMONT**—\*†Piedmont Fdry. & Mach. Co. (Iron Fdrs. & Machinists)  
**POINT PLEASANT**—\*†Point Pleasant Machine Works  
 †West Virginia Malleable Iron Co. (Malleable Iron Castings)  
**RONCEVERTE**—\*†Eagle J. W. P.  
**SISTERVILLE**—†Davin J. J.  
 \*McJunkin Machine Co.  
 \*Sexton Machine Co.  
**WELLSBURG**—\*Teepie W. S.  
**WESTON**—\*†Danser Mfg. & Supply Co.  
**WHEELING**—\*†Centre Foundry & Machine Co. (Iron Fdrs., etc.)  
 \*Hazel Atlas Glass Co.  
 \*†Mahlke R. H.  
 \*†National Tube Co. (Riverside Iron Works)  
 \*†Portsmouth Steel Co. (Grey Iron & Steel Castings). Works: Portsmouth, O.  
 \*Riverside Bridge Co.  
 \*Sands H. S. Electrical & Mfg. Co.  
 †Valley Star Stove Co. (Stoves, etc.)  
 \*Warwood Tool Co. (Tools, etc.), Warwood. See adv index at end of book  
 \*Waterhouse H.  
 \*Weisgerber & Ebeling Machine Co.  
 \*†Wheeling Mold & Fdry. Co. (Glass House & Rolling Mill Mach. & Castings)  
 \*†Wheeling Sanitary Mfg. Co. (Enamelled Iron Ware, etc.)  
 \*†Wheeling Steel & Iron Co. (Grey Iron Castings, etc., for Own Use Only)  
 \*Wheeling Stove & Range Co. (Stoves, Ranges, etc.)  
 \*†Whitaker-Glessner Co.

## WISCONSIN.

**ADELL**—†Hellminger Bros.  
**ALGOMA**—\*†Plumbers' Woodwork Co.  
 \*†Woodsedalok Jos. (Gasoline Engines)  
**ANTIGO**—\*†Mayer Bros. (Hoists, Gasoline Engines, etc.)  
**APPLETON**—\*†Appleton Machine Co. (Paper & Pulp Mill Machinery)  
 \*Badger Furnace Co.  
 \*†Eagle Mfg. Co. (Portable Gas Engines, etc.)  
 \*Killen-Strait Mfg. Co.  
 \*†Valley Iron Works Co. (Iron & Bronze Castings & Wood Pulp Machinery)  
**ASHLAND**—\*†Bretting C. G. Mfg. Co.  
 †Sanders Robert E. (Boilers, etc.)  
**BARABOO**—\*Gollmar E. T.  
**BEAVER DAM**—\*Harder H. J. (Gas Engines)  
 \*†Malleable Iron Range Co. (Malleable Iron Ranges)  
 \*Tiger Drill Mfg. Co.  
**BELOIT**—†Beloit Foundry Co. (Grey Iron Castings)  
 \*†Beloit Iron Works (Paper Mill Machinery)  
 \*Dowd R. J. Knife Works (Machine Knives, etc.)  
 \*†Fairbanks, Morse & Co. (Gas Engines, etc.)  
 \*Gardner Machine Co. (Disc Grinders, etc.), S. Beloit, Div.  
 \*†Gaston's N. B. Sons Co. (Scales, etc.), 715 Race  
 \*Hammill A.  
 \*†Lipman Mfg. Co. (Centrifugal & Rotary Pumps)  
 \*Mattison C. Machine Works (Wood-working Machinery)  
 †Mork P. F. (Grey Iron Castings)  
 \*Slater-Marsden-Whitemore Co. (Punching & Shearing Machinery)



\*†§Thompson J. Plow Works Co. (Agrl. Impls., Engines, etc.)  
 \*Wisconsin Farm Implement Co. (Feed Mills)  
 \*†Yates P. B. Machine Co. (Wood Working, Machinery, etc.)  
 BERLIN—\*†§Johnson-Fortnum Machine Works  
 \*†Schaefer Mfg. Co. (Gas & Gasoline Engines, etc.)  
 BLACK EARTH—\*Fesenfeld & Barber  
 BLOOMER—\*Bloomer Machine Works  
 BOSCOBEL—\*†Ruka Bros. Mfg. Co. (Ltd.)  
 BRANDON—\*Sherwin E. C. & Son (Road Scrapers, etc.)  
 BRILLION—\*†Brillion Iron Works  
 BROOKLYN—\*Farmers' Mutual Benefit & Trading Co.  
 BURLINGTON—\*†§Burlington Brass Wks. (General Brass Fdms. & Finishers)  
 \*Lawton & Bushman (Tools, etc.)  
 \*†Wagner Bros.  
 CEDAR GROVE—\*†§Wisconsin Foundry & Steel Works (Steel Ranges, Brass & Grey Iron Castings, Gasoline Engines, Steel Ranges, etc.)  
 CHIPPEWA FALLS—\*Brown Henry  
 \*†Chippewa Fdry. & Machine Co.  
 CLINTON—\*†§Smith & Holtum Mfg. Co. (Castings, etc.)  
 COLBY—\*Loos E. D.  
 COLUMBUS—\*Roberts G. D. & Co.  
 CUDAHY—\*†§Worthington Pump & Machinery Corp. (Power & Mining Machinery Works)  
 DE PERE—\*Lauson-Lawton Co. (Gas & Gasoline Engines, etc.)  
 \*†Lawton Chas. A. Co.  
 \*†Western Steel & Iron Works  
 DORCHESTER—\*Fleckenstein V.  
 EAU CLAIRE—\*Drake P. A.  
 \*†Eau Claire Mfg. Co.  
 \*†International Harvester Co. (See Chicago, Ill.)  
*See adv index at end of book*  
 \*†McDonough Mfg. Co. (Saw Mill Machinery, etc.)  
 \*†§Northwestern Steel & Iron Works (Concrete Bldg. Block, Machinery, etc.)  
 \*†§Phoenix Mfg. Co. (Saw Mill Machinery, Steam Engines, etc.)  
 \*White A. E. Machine Works (Special Machinery)  
 EDGERTON—Burgis F. F. (Gasoline Engines, etc.)  
 \*Carrier F. P. (Gasoline Engines)  
 ELKHORN—\*Zwiebel & Griebel (Machinists)  
 ELLSWORTH—\*†Rounce J. S.  
 EVANSVILLE—\*†§Baker Mfg. Co. (Wind Mills & Engines)  
 FOND DU LAC—\*Abel T.  
 \*†Giddings & Lewis Mfg. Co. (Iron Fdms. & Saw Mill Machinery)  
 \*Glasow Fred (Plows)  
 \*Quentin Peter N. (Gas Engines)  
 FORT ATKINSON—\*†§Creamery Package Mfg. Co. (See Chicago, Ill.)  
 \*Pounder Geo. H. (Harrows, etc.)  
 FOUNTAIN CITY—\*Dressendorfer Andrew  
 GLEN BEULAH—\*Diehl Novelty Co. (Hdw. Novelties)  
 GLENWOOD CITY—\*Krueger E. F.  
 GRAFTON—\*†§Grafton Foundry Co. (Castings, Stools & Settees)  
 †Jungers Stove & Range Co.  
 GRAND RAPIDS—\*American Carbonic Machinery Co. (Refrigerating Machines)  
 \*†§Grand Rapids Fdry. Co.  
 GREEN BAY—\*Green Bay Barker Co. (Wood Barking Machinery)  
 \*†§Green Bay Foundry & Machine Co.  
 \*Green Bay Machine Co.  
 \*Hartman-Grelling Co.  
 \*Hess W. J.  
 \*Hudson-Sharp Machine Co.  
 \*Nelson Indra Machinery Co.  
 †Rothe Jos. F. Foundry Co. (Castings)  
 \*Straubel Mach. Co. (Gasoline Engines)  
 HARTFORD—\*Kissel Motor Car Co.  
 HORICON—\*†Van Brunt Mfg. Co. (Agrl. Implements, etc.)  
 JANESVILLE—\*Ambrose F. O. (Jobbing)  
 \*†Badger State Machine Co. (Punching & Shearing Machinery)  
 \*Bicknell Mfg. & Supply Co. (Power Machinery, etc.)  
 \*†§Janesville Machine Co. (Agrl. Implements, etc.)  
 \*Larsen Holger E. (Jobbing)  
 \*†New Doty Mfg. Co. (Punching & Shearing Machinery)

\*Rock River Machine Co. (Punching & Shearing Machinery)  
 \*Spicer Wm. E. & Co. (Jobbing)  
 \*Strickler Hay Tool Co. (Hay Tools, Hdw., etc.)  
 JEFFERSON—\*Waverly Mfg. Co. (Motor-cycles)  
 JUNEAU—\*Brensike John & Son  
 \*†§Brieman Chas. G.  
 KAUKAUNA—\*Hoehne Machine Works  
 \*†§Kaukauna Ferdinand (Paper & Pulp Mill Machinery)  
 KENOSHA—\*†§Arneson Foundry Co. (Grey Iron Castings, etc.)  
 \*Arnold & Murdock  
 \*†§Badger Brass Mfg. Co. (Auto Lamps, Acetylene Gas Generators, etc.)  
 \*†§Frost Mfg. Co. (Plumbers' Brass Goods, etc.)  
 \*Lippert & Rhenstrom (Presses, Dies, Machy., etc.)  
 \*†§Nash Motors Co. The (Automobiles for own use)  
 \*†§Simmons Co. (Metallic Bedsteads, etc., for own use)  
 \*Wells Frank L. Co. (Spring Bed Machinery, etc.)  
 KEWASKUM—\*†Rommel Nicholas (Machinist)  
 KEWAUNEE—\*†Hamachek Frank (Agrl. Implements, Canning Machinery, etc.)  
 KIEL—\*Kiel Machine Co.  
 LA CROSSE—\*Benton Electric Co. (Dynamometers, Engines, etc.)  
 \*Franklin Iron Works  
 \*†§James Alfred  
 \*†§La Crosse Plow Co. (Plows, etc.)  
 \*McKenzie Bros. Mfg. Co. (Potato Machy., etc.)  
 \*Ott Benj. & Sons Co. (Bark Shaving Mills)  
 \*Pederson C. & Son  
 \*†§Smith Mfg. Co. (Wagons, Grey Iron Castings, Stump Pullers, etc.)  
 \*Stamping & Tool Co. (Steel Novelties, Dies, etc.)  
 \*†Sta-Rite Engine Co. (Gasoline Engines)  
 \*Starch Bros. Co. (Cream Separators, etc.)  
 †Summit Stove Co.  
 \*†Torrance Jno. & Son (Machinists & Builders & Machinery Castings, etc.)  
 LAKE GENEVA—\*§Gill W. E.  
 LAKE MILLS—\*†§Creamery Package Mfg. Co.  
 LANCASTER—\*Hyde E. H. (Machinist)  
 MADISON—\*Berkeley Fourness Co. (Die Castings)  
 \*§Fuller & Johnson Mfg. Co.  
 \*†§Gisholt Machine Co. (Machine Tools, Vertical & Horizontal Boring Mills, Turret Lathes, Tool Grinders, Brass & Iron Fdms.)  
 \*†Kupfer Theodore (Power Shears, etc.)  
 §Madison Brass Works  
 \*Madison-Kipp Lubricator Co. (Lubricators)  
 \*†§Madison Plow Co. (Agrl. Impls.)  
 \*Peper John W.  
 †Southern Wisconsin Foundry Co.  
 \*Steinle Turret Machine Co. (Turret Lathes)  
 \*†§Wisconsin Foundry & Machine Co. (Printing Presses, etc.)  
 MANITOWOC—\*§Aluminum Castings Co. (Aluminum Castings). (Office: Cleveland, O.)  
 \*§Aluminum Goods Mfg. Co. (Aluminum Castings & Specialties)  
 Aluminum Specialty Co. (Machine Shop, Aluminum Novelties)  
 \*Dedrick N. (Special Machy., etc.)  
 \*Gateman Mfg. Co. (Agricultural Implements, etc.)  
 \*†Manitowoc Foundry & Machine Co. (Grey Iron Castings, etc.)  
 \*Manitowoc Shipbuilding Co. (Steel Ships, Engines, etc.)  
 \*†§Richards Iron Works (Engines, Grey Iron Castings, etc.)  
 \*†§Smalley Mfg. Co. (Agrl. Impls., Plows)  
 †Western Iron Works  
 MARINETTE—\*†§Marinette Iron Works  
 \*Sandlund Peter  
 MARSHFIELD—\*§Lang & Scharmann  
 MARYTOWN—\*Langenfeld Jno  
 MAUSTON—\*Strong H. C.  
 MENASHA—\*†§Sailor Whitmore Machine Co.  
 MENOMINEE FALLS—\*Menominee Falls Mfg. Co.

MENOMONIE—Laursen Automatic Pump Co.  
 MERRILL—\*†§Merrill Iron Works  
 MILWAUKEE—\*†§Ajax Foundry Co.  
 \*†§SALLIS-CHALMERS MFG. CO. (Mining Machinery, Steam Turbines' Engines, Pumps, etc.)  
*See adv index at end of book*  
 \*§American Brass Foundry Co.  
 \*Artos Engineering Co. (Tex. Machy.), 348 Milwaukee  
 \*Atlas Metal Parts Co., 998 15th  
 \*Badger Meter Mfg. Co. (Water Meters), 261 3d  
 \*Barth Mfg. Co. (Jacks, etc.)  
 \*†Bay View Steel Casting Co. (Steel Castings, etc.), 132 S Bay  
 \*†Bayley Mfg. Co. (Steam Engines, Fans & Blowers, etc.), 732 Greenbush  
 \*Beaver Mfg. Co. (Gasoline Engines), 1st & Oklahoma av  
 \*Brand Stove Co.  
 \*Busch J. C. Co. (Compressors, Sprue Cutters, Cranes & Hoists), 140 Ferry  
 \*†Chain Belt Co (Grey & Malleable Iron & Steel Castings, Conveyors, Chain Link, etc.)  
 \*Christensen Engineering Co. (Gasoline Engines)  
 \*Colnik C. Mfg. Co. (Grey Iron Castings, Plain & Ornamental, etc.), 750 Greenbush  
 †Cream City Foundry Co., 15th & Oklahoma av  
 †Crucible Steel-Casting Co. (Crucible Steel Castings), 612 Clinton  
 \*§Davis Mfg. Co. (Gasoline Engines, etc.)  
 \*Doelger & Kirsten (Power Shears, etc.), 507 Cedar  
 \*Downey Heating & Supply Co. (Jobbing & Repairs, etc.), 615 Clybourn  
 \*Durant Mfg. Co. ("Productimeter" Speed Indicators, Counting Machines)  
 \*†Falk Co. (Steel Castings), Menominee Valley ft 30th  
 †Federal Malleable Co. (Malleable Iron Fdms., Chain Belts, etc.)  
 \*Feilbach Motor Co. (Motorcycles), Weil & Burleigh  
 \*†§Filer & Stowell Co. (Steam Engines, Pumps, Saw Mill Machinery, etc.)  
 \*†Fraser Co. (Engines & Milling Machines), 607 E Water  
 \*†Fuller-Warren Co. (Stoves, etc.)  
 †Galland-Henning Pneumatic Maltng Drum Mfg. Co.  
 \*Gas Power Engineering Co., 213 North av  
 †Gemco Mfg. Co. (Auto Specialties Malleable Foundry)  
 \*Gerlinger Steel Casting Co.  
 \*†Greenslade Foundry Co., 172 Corcoran av  
 \*Haase Motor Works (Gasoline Engines)  
 \*Hackendahl & Schmidt Co. (Bldg. Iron Work, etc.)  
 \*Harley-Davidson Motor Co. (Motorcycles), 160 Clinton  
 \*Harrow Spring Co.  
 \*Heil Co. (Structural Iron Works, etc.)  
 \*Heller S. (Electric Elevators & Hoisting Machinery), 250 Milwaukee  
 \*Hennecke C. Co. (Builders' Iron Work, etc.), 1353 N Pierce  
 §Hewitt Mfg. Co. (Brass & Bronze Castings), 241 Greenfield av. (See Chicago, Ill.)  
 \*Hide & Leather Working Mach Co., 859 Grand blvd  
 \*†Hirsch Bros. (Agrl. Impls.),  
 \*†§Hoffmann B. Mfg. Co. (Iron & Brass Fdms. & Steam Fitters & Plumbers' Supplies)  
 †§Hoffmann Billings Mfg. Co. (Plumbers' Supplies)  
 \*Holt Electric Co. (Dynamometers & Motors), 379 S Pierce  
 \*Hoyer Engineering Co. (Gas & Gasoline Engines)  
 \*†§Industrial Controller Co. (Electrical Specialties), 890 Greenbush  
 \*†§Jaeschke Bros. Foundry Co., 3026 Locust  
 \*Johnson Ole Sons Co.  
 §Johnson Service Co. (Gear Cutting, Punch Presses, Special Model Work & Brass Castings), 153 Michigan  
 †Kagel Bros., 1208 St. Paul av



\*Kahn Mfg. Co. (Machinery, etc.), 598 Clinton  
 \*Kleckhefer A. Elevator Co. (Electric Hand & Power Elevators)  
 \*Koehring Machine Co. (Concrete Mixed)  
 \*Kruecke Bros. Mfg. Co. (Brass Fdrs.), 515 Park  
 \*Lamp & Miller Mfg. Co. (Brass Fdrs. & Finishers), 382 4th  
 \*Lindemann A. J. & Hoverson Co.  
 \*Loeffelholz Co. (Railroad Car, Cabinet & Office Trimmings, etc.)  
 \*Logemann Bros. Co. (Hydraulic Presses, etc.), 3130 Burleigh  
 \*Luitink & Sons Mfg. Co. (Door Hangers, etc.), 775 18th  
 \*Luther Grinder Mfg. Co. (Tool Grinders, Gasoline Engines, etc.)  
 \*Lutter & Gies (Machine Tools), 253 Lake  
 †Manufacturers Foundry Co., 15th & Oklahoma av  
 †Martin A. E. Foundry & Mach Co. (Grey Iron Castings), 705 Park  
 †Maynard Steel Foundry Co., 716 Reed  
 \*Mechanical Appliance Co. (Dynamometers & Generators)  
 \*Meyer Geo. J. Mfg. Co.  
 §Milwaukee Aluminum & Brass Foundry Co. (Aluminum & Brass Castings)  
 \*Milwaukee Auto Engine & Supply Co., 708 Winnebago  
 \*Milwaukee Brass Mfg. Co. (Plumbers' Brass Goods), 251 Lapham  
 \*Milwaukee Bridge Co. (Steel Structural Work, etc.), 1400 34th  
 \*Milwaukee Dry Dock Co., ft. Mineral  
 \*Milwaukee Electric Railway & Light Co.  
 \*Milwaukee Hay Tool Co.  
 Milwaukee Locomotive Mfg. Co. (Gasoline Locomotives)  
 \*Milwaukee Machinery Co., 3015 Walnut  
 †Milwaukee Malleable & Grey Iron Wks.  
 \*Milwaukee Metal Working Co., 383 Clinton  
 \*Milwaukee Refrigerator Transit & Car Co. (Car Builders), Pt. Washington rd  
 †Milwaukee Steel Foundry Co. 101 S Water  
 \*Milwaukee Valve Co. (Valves & Steam Specialties, etc.), 139 Burrell  
 \*Miotke Jos.  
 †Mueller L. J. Furnace Co. (Furnaces & Heating Apparatus, etc.), 197 Reed  
 \*Munkwitz Edw. H. Co. (Tanners' Machy.), Muskego av  
 §Murphy Specialty Co., 94 2d  
 \*Nash J. M. (Chair, Wood Polishing & Woodworking Machinery)  
 \*National Blower Works (Blowers, Exhausters, Driers, etc.), 1610 St. Paul av  
 \*National Brake & Electric Co. (Air Brakes, Compressors, etc.), ft. Bellevue pl  
 \*National Foundry Co.  
 \*National Machine Co.  
 \*National Specialty Mfg. Co. (Printing Machines), Montgomery bldg  
 \*National Steel Foundries (Steel Castings), Bellevue pl & Larkin  
 \*Noll Bros. (Agricultural Hardware, etc.), 849 Allis  
 \*Nordberg Mfg. Co. (Engines, Pumping Machinery, etc.)  
 †North End Foundry Co., 60th av & Ry. Tracks  
 †Northwestern Malleable Iron Co.  
 \*Northwestern Mfg. Co. (Dynamometers & Motors), Clinton & Madison  
 †Nortmann-Duffke Foundry Co., 27th av  
 \*Obenberger Joseph & Son Co. (Dumping Buckets, etc.), 125 Barclay  
 †Pawling & Harnishfeger (Electric Cranes & Hoists, etc.)  
 \*Pfeiffer & Smith Co. (Machinists)  
 \*Phenix Mfg. Co. (Hardware Specialties)  
 §Prime Steel Co. (Steel Castings), 670 Kinnickinnis av  
 \*Prinz & Rau Mfg. Co. (Brewers & Malsters & Flour Mill Machy., etc.), 659 E Water

§Progressive Metal & Refining Co. (Babbitt Metal & Castings), 432 Barclay  
 \*Richards Machine Co. (Machine Tools), 3417 Vliet  
 Richardson-Phenix Co. (Lubricators, Oil Pumps, etc.)  
 Rosenberg F. Elevator Co. (Elevators, etc.)  
 \*Rundle Mfg. Co. (Enameled Iron Ware & Brass Goods)  
 §Rundle-Spence Mfg. Co. (Plumbers' Brass Goods, etc.)  
 \*Schneck Machine Co., 811 St. Paul av  
 \*Schwab Ph. Co., 16th & Canal  
 †Schwab R. J. & Sons Co. (Iron Fdrs. & Machinists & Hot Air Furnaces)  
 †Sivyer Steel Casting Co.  
 \*Skobis Co. (Builders' Iron Work), 951 30th  
 \*Smith A. O. Co. (Automobile Gears, Steel Frames)  
 †Smith Geo. H. Steel Casting Co. (Steel & Manganese Steel Castings & Machine Works)  
 \*Smith T. L. Co. (Concrete Mixers, etc.), 1151 32d  
 †South Side Malleable Casting Co. (Malleable Iron Founders), 14th av & Ry. Tracks  
 †Speich Stove Repair Co., 130 W Water  
 \*Standard Brass & Iron Works (Brass Founders & Finishers)  
 †Standard Crucible Steel Castings Co.  
 \*Standard Separator Co. (Cream Separators), 45th & Burnham  
 \*Steam Appliance Co. (Steam Appliances)  
 \*Stehling Chas. H. Co. (Tanners' Machinery)  
 †Sterling Wheelbarrow Co. (Wheelbarrows)  
 †Stowell Mfg. & Foundry Co. (Hardware)  
 †Toepfer W. & Sons (Brewers' Machinery)  
 \*Treichel & Hyink, 679 E Water  
 \*Universal Machinery Co. (Machy.)  
 \*Verges Mfg. Co. (Friction Clutches), 405 4th  
 †SVILTER MFG. CO. (Corliss Engines, Ice Machines, Brewery & Bottling Machinery, etc.), 1046 Clinton  
*See adv index at end of book*  
 \*Wagner A. F., Architectural Iron Works, 763 N Water  
 \*West Allis Iron Works  
 \*Western Fixture Co. (Display Fixtures, etc.), 573 E Water  
 §Windsor Mfg. Co., 570 Clinton  
 †Wisconsin Foundry Co., 1138 32d  
 †Wisconsin Malleable Iron Works (Malleable Iron Castings), South Bay  
 MONROE—†Lanz A & Sons (Machinists)  
 NEENAH—†Aylward Sons Co. (Grey Iron Castings, etc.)  
 †Bergstrom Stove Co. (Stoves)  
 \*Johnson & Wells Machine Co.  
 \*Neenah Brass Works  
 NEW HOLSTEIN—\*Lauson John Mfg. Co. (Gas & Gasoline Engines, etc.)  
 NEW LONDON—\*Thomas & Brown  
 NORTH MILWAUKEE—\*Crown Commercial Car Co. (Motor Trucks)  
 †Wagner E. R. Mfg. Co. (Baby Carriages, etc.)  
 \*Wisconsin Bridge & Iron Co.  
 OSHKOSH—†Barnes J. A. Machine Co.  
 †Challoner Co. (Saw Mill Machy.)  
 \*Dauber-Bell Machine Co.  
 \*Dauber-Kratsch Co.  
 †Davis-Hansen Co. (Pumps, etc.)  
 †Doman H. C. Co. (Boats & Gasoline Engines)  
 †Hayes E. B. Machine Co. (Woodworking Machinery)  
 \*Oshkosh Mfg. Co. (Logging Tools, etc.)  
 \*Pine-Ihrig Machine Co. (Bed Spring Machinery, etc.)  
 \*Ransom Mfg. Co. (Tool Grinders, etc.)  
 †Termaat & Monahan Co. (Gasoline Engines, etc.)  
 †Wilkin-Challoner Co. (Saw Mill Machinery)  
 PLATTEVILLE—\*Dana Co.  
 \*Galena Iron Works Corp. (See Galena, Ill.)

PLYMOUTH—†Plymouth Foundry & Machine Co.  
 \*Wolf Henry F  
 PORTAGE—†Baird & Slinger  
 PORT WASHINGTON—†Gilson Mfg. Co.  
 †Martin Foundry Co. (Gasoline Engines, etc.)  
 †Turner Mfg. Co. (Gas & Gasoline Engines, Grey Iron Castings, etc.)  
 \*Western Implement Co. (Disc & Tool Grinders, etc.)  
 PRAIRIE DU CHIEN—\*Beuthin Chas. F. W.  
 PRINCETON—\*Mueller Eric  
 RACINE—\*Adams E. B. & Son (Hardware, Carriage Springs, etc.)  
 \*American Mangle & Roller Co. (Laundry Machinery)  
 †American Seating Co.  
 †American Skein & Foundry Co. (Jack Screws, etc.)  
 \*Arnold Electric Co. (Vibrators, etc.)  
 †Badger Foundry Co.  
 \*Befel Frank Mfg. Co. (Models & Experimental Work, Tools, Dies, etc.)  
 †Belle City Malleable Iron Co.  
 †Belle City Mfg Co. (Agrl. Impls., Iron Castings, etc.)  
 †Case J. I. Plow Works (Plows & Agrl. Impls. for Company's use only)  
 §Christensen Machine Co.  
 \*Didier Wm. Mfg. Co. (Jobbing Machinists)  
 \*Driver C. H. & Kerr Co. (Sand Papering Machines)  
 †Foster & Williams Mfg. Co. (Agrl. Impls., etc.)  
 †Freeman Mfg. Co. (Agrl. Impls., Windmills, etc.), Dept. O.  
 \*Gorton Geo. Machine Co. (Engraving Machines, etc.)  
 \*Green E. J. Engineering Works. (Special Machinery, etc.)  
 \*Harvey Spring & Forging Co. (Bolster Springs, etc.)  
 \*Higgins Spring & Axle Co. (Springs & Axles, etc.)  
 †Holbrook-Armstrong Iron Co. (Aluminum, Brass & Grey Iron Castings)  
 \*L. P. C. Motor Co. (Autos.)  
 †Lakeside Malleable Castings Co.  
 \*Lang Mfg. Co.  
 \*Mitchell Motors Co. Inc. (Automobiles)  
 \*Piggins Motor Truck Co.  
 \*Progressive Foundry & Mfg. Co.  
 §Racine Aluminum & Brass Foundry Co.  
 †Racine Brass & Iron Co.  
 \*Racine Electric Co.  
 \*Racine Engine & Machinery Co. (Confectionery Machinery & Vertical Engines)  
 †Racine Malleable & Wrought Iron Co. (Hdw. Specialties, Copying Presses, etc.)  
 \*Racine Metal Stamping Co. (Spring Hinges, etc.)  
 †Racine Steel Castings Co. (Steel Castings, etc.)  
 \*Racine Tool & Machine Co. (Metal Cutting Machines)  
*See adv index at end of book*  
 \*Sieverkoop Engine Co. (Gasoline Engines)  
 †Standard Foundry Co. (Castings)  
 \*Tecktonius E. C. Mfg. Co. (Hoop Lugs, Bolster Springs, etc.)  
 \*Wabers Mfg. Co. (Corn & Potato Planter, etc.)  
 \*Wallis Tractor Co. (Gasoline Tractors)  
 \*Webster Electric Co. (Magnetos, etc.)  
 \*Wisconsin Cylinder Fdry. Co. (Cast Iron Cylinders, etc.)  
 \*Wisconsin Electric Co. (Vacuum Cleaner Motors)  
*See adv index at end of book*  
 \*Wisconsin Metal Products Co. (Dies, Tools, etc.)  
 †Wood Lyman Mfg. Co. (Stove Repairs, Saddlery, Hdw., etc.)  
 RANDOLPH—\*Nutting C. A.  
 \*Smith Geo. B.  
 RHINELANDER—†Rhineland Iron Co.  
 RICE LAKE—\*Rice Lake Iron Works  
 SCHLEISINGERVILLE—†Rosche John  
 SEYMOUR—Lotter Bros Mfg. Co.  
 SHAWANO—\*Schweers Hardware Co.



**SHEBOYGAN**—\*Garton Toy Co. (Iron Toys, etc.)  
 \*†Globe Fdry. & Machine Co. (Feed Cutters, Feed Mills, Saw Machines, etc.)  
 \*†Jenkins Machine Co. (Chair & Woodworking Machinery, etc.)  
 †Kohler Co. (Cast Iron Enamel, Sanitary Ware)  
 \*Myers Machine Co. (Woodworking Machinery)  
 \*Optenberg Iron Works (Radial Drills, etc.)  
 \*Porcelain Enameling Assn. of America (Cast Iron Enameled Hollow Ware)  
 \*†Vollrath Co. (Enameled Cast Iron Hollow Ware)  
**SHELL LAKE**—\*Raney F. J.  
**SOUTH MILWAUKEE**—\*†Badger Malleable & Mfg. Co. (Malleable Iron Founders)  
 \*†Bucyrus Co. (Steam Shovels, Dredges, etc.)  
 \*†Stowell Co. The (Grey Iron Castings, Door Hangers & Hardware Specialties, etc.)  
**SPARTA**—\*†Sparta Iron Works Co. (Well Drilling Machinery, etc.)  
**STEVENS POINT**—†Cook R. A.  
 \*Koshollek Paul F. (Gasoline Engines)  
 \*Sustins F. A.  
**STOUGHTON**—†Mandt Wagon Co.  
 \*†Stoughton Wagon Co. (Plows, etc.)  
**STURGEON BAY**—\*Hunsader John Machine Co.  
 \*†Ives Wallace A.  
**SUPERIOR**—\*†Duplex Mfg. Co. (Windmills, Engines, etc.)  
 \*†Evered Foundry & Machine Wks.  
 \*Northwestern Boiler Works.  
 \*†Superior Iron Works Co. (Engines & Dredging Machinery, Iron & Brass Castings, Swinging Engines, etc.)  
 \*Superior Ship Building Co. (Ships, Marine Engines, etc.)  
 †Thomas & Almuist  
**TOMAHAWK**—\*†Tomahawk Steel & Iron Works (Boilers, Tanks, Grey Iron, Brass & Semi-Steel Castings, etc.)  
**TWO RIVERS**—†Becker Mfg. Co.  
 \*Kahlenberg Bros. & Co. (Gasoline Marine Engines)  
**WALDO**—Timmer H. W.  
**WASHBURN**—\*Steinert R. & Co.  
**WATERTOWN**—\*Biefeld O. & Co.  
 †Brandt-Dent Co. (Gas Fixtures, etc.)  
 †Dornfeld-Kunert Co.  
 \*Watertown Machine Co.  
**WAUKESHA**—\*†Blair & Son  
 \*Ladewig & Stock Co.  
 \*Modern Steel Structural Co. (Cranes & Co. (Grey Iron Castings)  
 \*†Rowell I. B. Co. (Agricultural Implements)  
 \*Spring City Fdry. Co. (Grey Iron Castings)  
 †Waukesha Malleable Iron Co.  
 \*Waukesha Motor Co. (Auto Motors)  
**WAUPACA**—\*Hansen A. M.  
 †Rosche & Suhs  
**WAUPUN**—†Althouse-Wheeler Co. (Windmills & Pumps, etc.)  
**WAUSAU**—\*Hernke Bernard (Jobbing)  
 \*Karas, Sigmund (Jobbing)  
 \*†Murray D. J. Mfg. Co. (Saw Mill Machinery)  
 \*Northern Machine Works (Jobbing)  
 \*†Wausau Foundry & Machine Co.  
 \*Wausau Iron Works  
**WEST ALLIS**—\*†Allis-Chalmers Mfg. Co. (Corliss Engines, Mining Machinery, etc.)  
 \*†Federal Malleable Co. (Malleable Iron Founders, Chain Belts, etc.)  
 †Gerlinger Steel Castings Co. (Steel Castings, etc.)  
 \*Kearney & Trecker Co. (Machine Tools)  
 \*Kempsmith Mfg. Co. (Machine Tools)  
 \*Leroi Motor Co. (Machine Tools)  
 \*North End Foundry Co.  
 †West Allis Iron Works (Grey Iron & Semi-Steel Castings)  
**WEST BEND**—\*†Gehl Bros. Mfg. Co. (Agrl. Impls., Grey Iron Castings, etc.)  
**WEYAUWEGA**—\*Haire James A.  
**WHITEWATER**—\*Dunham & Fiske, (Agrl. Impls., etc.)

### 9502a—\*Machinists (Contract Work)

**AMERICAN DIE & TOOL CO.**, Reading, Pa. See adv index at end of book

### 9503—Machinists' Tools & Supplies (Dealers)

See also Mill & Factory Supplies  
 For Manufacturers of Machinists' Tools & Supplies, see the Specific Article Required

#### ALABAMA.

**BIRMINGHAM**—Moore-Handley Hardware Co.  
**MONTGOMERY**—Barnett G. W., Hardware Co.

#### CALIFORNIA.

**LOS ANGELES**—McFie W. T. Supply Co.  
 Wigmore Jno. & Sons Co., N E cor 4th & San Pedro  
**SAN FRANCISCO**—Compressed Air & General Machinery Co., 39 Stevenson  
 Harron Richard & McCone, 139 Townsend  
 Hicks Jas. L., 967 Howard  
 Marwedl, C. W., 76 1st  
 Pacific Tool & Supply Co., Fremont & Mission  
 Taber-Bigelow Co., 504 Mission

#### COLORADO.

**DENVER**—Hendrie & Bolthoff Mfg. & Supply Co.  
 Scott Supply & Machinery Co.

#### CONNECTICUT.

**Bridgeport**—Am. Hdwe. & Supply Co.  
 Hawley T. & Co.

#### DELAWARE.

**WILMINGTON**—Delaware Electric & Supply Co., 213 Shipley  
 Hudson Supply Co., Front & Market  
 Wilson Hardware Co., 3rd & Shipley

#### DISTRICT OF COLUMBIA.

**WASHINGTON**—Lambie Jas. B. Co., 1415 N. Y. av, N W

#### GEORGIA.

**ATLANTA**—Armstrong R. S. & Bro.  
 Atlanta Mfg. & Supply Co.  
 Cotton States Belting & Supply Co.  
**AUGUSTA**—Lombard Iron Works & Supply Co.  
**ROME**—Battey Machinery Co.

#### ILLINOIS.

**BLOOMINGTON**—Holder Hardware Co.  
 Keiser-Van Leer Co.  
 Read G. H. & Bro.  
**CAIRO**—Reed Hardware & Mfg. Co.  
**CHICAGO**—Besly Chas. H. & Co., 120 N Clinton  
 Carpenter Geo. B. & Co., 400 Wells  
 Crerar, Adams & Co., 259 E Erie  
 Essley E. L. Machinery Co., 555 Washington blvd  
 Harris Samuel & Co., 114 N Clinton  
 Henion & Hubbell, 219 N Jefferson  
 Hill, Clarke & Co., 125 N Canal  
 Hodge & Homer Co., 549 W Madison  
 Hunt E. Hamilton, 136 W Lake  
 Machinists' Supply Co., 17 N Jefferson  
 Manning, Maxwell & Moore, 111 N Canal  
 Marshall & Huschart Machinery Co., 17 S Jefferson  
 Patterson & Schroeder Supply Co., 560 W Van Buren  
 Scully Steel & Iron Co., 2364 S Ashland av  
 Seehausen Wehrs & Co., 173 N Franklin  
 Wallace Wm. & Sons, 513 Wells  
**DECATUR**—Morehouse & Wells Co.  
**JOLIET**—Barrett Hardware Co.  
**MOLINE**—Dunn Thos. & Sons  
**SPRINGFIELD**—Miller W. B. & Son  
**STREATOR**—Williams Hardware Co.

#### INDIANA.

**BEDFORD**—Meyer W.F. Diamond Saw Co.  
**ELKHART**—Borneman & Sons  
**EVANSVILLE**—Boetticher & Kellogg Co.  
 Bush E. M. Hardware Co.  
 Clifford Hardware Co.  
 Evansville Supply Co.  
 Orr Iron Co.  
**FORT WAYNE**—Mossman, Yarnelle & Co.  
 National Mill Supply Co.  
 Pfeiffer Henry & Son Co.  
**GOSHEN**—Hawks Hardware Co.  
**INDIANAPOLIS**—Holliday W. J. & Co.  
 Van Camp Hdw. & Iron Co.  
 Vonnegut Hardware Co.  
**KOKOMO**—Kokomo Hardware Co.  
**MARION**—Marion Machine Fdry. & Supply Co.  
**RICHMOND**—Jones Hardware Co.

#### IOWA.

**CEDAR RAPIDS**—Fawcett C. E.  
 Martinek J. M. Hardware Co.  
**DAVENPORT**—Sieg Co.  
**DES MOINES**—Brown-Camp Hardware Co.  
**SIoux CITY**—McGraw Co.  
**WATERLOO**—Cutler Hardware Co.

#### KANSAS.

**TOPEKA**—Thompson W. A. L. Hardware Co.

#### KENTUCKY.

**LOUISVILLE**—Morton E. D. & Co.  
**OWENSBORO**—Guenther Hardware Co.  
 Owensboro Hdwe. & Iron Co.

#### MAINE.

**PORTLAND**—Edwards & Walker Co. (Tools, etc)

#### MARYLAND.

**BALTIMORE**—Adt Jno. B. Co. 340 No. Holliday  
 Aumen Machinery Co., 109 E. Lombard  
 Benson L. A., 8 E Lombard  
 Carey Machinery & Supply Co., 119 E Lombard  
 Coggins & Owens, 19 S Charles  
 Crook-Horner Supply Co., 11 Balderston  
 Cuyler & Mohler, 611 William  
 Spedden Supply Co., Boston & Kenwood av  
 Stebbins Wallace & Sons, 100 S Charles  
 Wallace & Gale, 115 S Gay

#### MASSACHUSETTS.

**BOSTON**—Brown Wales Co. (Supplies), 489 C  
 Chandless & Farquhar Co., 36 Federal  
 Chase, Parker & Co., 81 Pearl  
 Cutter & Wood Supply Co., 68 Pearl  
 Dodge, Haley Co., 153 Broad  
 Eaton H. B. & Co., 144 Pearl  
 Fitts Frank E. Mfg. & Supply Co., 88 Purchase  
 Fitz, Dana & Co., 110 North  
 Hill Clarke & Co., 156 Oliver  
 Manning, Maxwell & Moore, 141 Milk  
 Rawles James D., 74 Pearl  
 Wilkinson A. J. & Co., 184 Washington

#### MICHIGAN.

**BAY CITY**—Jennison Hdw Co., (& Jobbers)  
**DETROIT**—Boyer-Campbell Co., Congress & Brush  
 Central Distributing Co., 316 Harper  
 Motch & Merryweather Machinery Co.  
 Rayl T. B. Co., 3 Grand River  
 Strelinger Chas. A. Co.  
 Wormer C. C. Co., Penobscot bldg.  
**JACKSON**—Central Distributing Co.  
 Modern Machine Tool Co. (Also Iron Working Machinery & Cutting Off Machines)

#### MINNESOTA.

**MINNEAPOLIS**—Morison W. K. & Co., 15 S 7th  
 Northern Machinery Co., 503 S 6th



## MISSOURI.

KANSAS CITY—Bonnivell, Calvin Iron Co.  
 Brunner H. J. Hardware & Machine Supply Co., 1306 Grand  
 Bunting-Stone Hardware Co.  
 Ellfeldt Hardware & Machinist Supply Co., 1219 McGee  
 English Tool & Supply Co.  
 Equipment Co.  
 Faeth Iron Co.  
 Great Western Mfg. Co.  
 Haysler Iron Co.  
 Revere Rubber & Supply Co.  
 Richards & Conover Hardware Co.  
 Townley Metal & Hardware Co.  
 ST. JOSEPH—Bristol Co.  
 Howe W. B. Supply Co.  
 ST. LOUIS—Cahill Swift Mfg. Co., 20 S 12th  
 Colcord Wright Machinery & Supply Co., 1229 N B'way  
 Crane Co. (Est. 1855)  
 Fairbanks, Morse & Co.  
 Geller-Ward & Hasner Hardware Co., 414 N 4th  
 Handlan-Buck Mfg. Co., 210-14 N 3d  
 Johnson Wm. C. & Sons, 513 N 2d  
 Kenney Joseph B. & Co. (General & to Order)  
 Manning, Maxwell & Moore, R'way Exchange  
 Nelson N. O. Mfg. Co., 10th & Chestnut  
 Rubelmann-Lucas Hardware Co., 1939 N B'way  
 Rumsey L. M. Co., 810 N 2d  
 St. Louis Machinists Supply Co., 920 N B'way  
 Shapleigh Hardware Co., 4th & Washington av  
 Simmons Hardware Co., 9th & Spruce  
 Skinner Bros. Mfg. Co., 10th & Tyler  
 Sligo Iron Store Co., 6th & O'Fallon

## NEBRASKA.

OMAHA—Baum Iron Co.  
 McGraw Co. (Jobbers)  
 Morton Jas. & Son Co.  
 Paxton & Gallagher Co.

## NEW JERSEY.

NEWARK—Macknet & Doremus, 796 Broad  
 ROE & CANOVER, 206 Frellinghuysen av. *See adv index at end of book*  
 PASSAIC—New Jersey Engineering & Supply Co.  
 PATERSON—Mills H. W. & Co.  
 Myers Geo. A. & Co.  
 Quinn Bros.

## NEW YORK.

BUFFALO—Beals & Co., 44 Terrace  
 Buffalo Wholesale Hardware Co., Wash'n & S Division  
 Fairbanks Co., 145 Seneca  
 Frasse Peter A. & Co., 50 Exchange  
 Manning, Maxwell & Moore, White bldg  
 Root, Neal & Co., 178 Main  
 Ruckel J. H. & Son, 81 Main  
 Walbridge & Co.  
 Weed & Co., 292 Main  
 JAMESTOWN—Clark Hardware Co.

## Borough of Brooklyn.

BROOKLYN—Presto Machine Works (Gauges, etc.), 36 Flatbush av, Ex., Brooklyn, N. Y.  
 Purvis & Shelton, 241 Plymouth  
 Wilfert Jno. Co., 490 Bushwick av

## Boroughs of Manhattan and Bronx.

NEW YORK—Beggs James & Co., 30 Warren  
 Behringer Edw. A., 88 W Broadway  
 Chatwin Alfred Supply Co., 401 Broome  
 Dixon Wm. (Fine Tools & Supplies of All Kinds), 39 John  
 Donegan & Swift, 6 Murray  
 Du Bois F. N. & Co., 247 9th av  
 Fairbanks Co., 416 Broome  
 Flint & Chester, 237 Lafayette  
 Fox Bros. & Co., 126 Lafayette  
 Frasse Co., 170 Fulton  
 FRASSE PETER A. & CO. (INC.), 417 Canal  
*See adv index at end of book*

Garvin Machine Co., 147 Varick  
 Hammacher, Schlemmer & Co., 133 4th av  
 Hussey, McCann & Co., 87 Warren  
 Leonard & McCoy, 161 Wash'n  
 Manning, Maxwell & Moore, 119 W 40th  
 Montgomery & Co., 105 Fulton  
 Patterson, Gottfried & Hunter, 211 Centre  
 Rogers H. A. Co., 87 Walker  
 Schuchardt & Schutte, 90 West  
 STRONG MACHINERY & SUPPLY Co., 21 Walker  
*See adv index at end of book*  
 Tucker Tool & Machine Co., 75 Murray

## (End of New York City)

ROCHESTER—Haverstick & Co.  
 SYRACUSE—Syracuse Supply Co.  
 Wood C. H. Company  
 UTICA—Dent M. F. Co., 7 Blandina

## NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.  
 Textile Mill Supply Co.

## OHIO.

CINCINNATI—Boebinger Hardware Co., 815 E Pearl  
 Kinsey E. A. Co. (Drills, Lathes, Shapers, etc)  
 Motch & Merryweather Machy. Co., First Nat'l Bank bldg  
 Pickering Hardware Co., 5th C. Main  
 Queen City Supply Co., Pearl & Elm  
 CLEVELAND—Bingham W. Co., 1433 W 9th  
 Cleveland Tool & Supply Co.  
 Lockwood-Luetkemeyer-Henry Co.  
 Manning, Maxwell & Moore, 518 Leader-News  
 Motch & Merryweather Machinery Co., 711 Lakeside av, N W  
 Pattison W. M. Supply Co., 777 Rockwell av  
 Strong, Carlisle & Hammond Co., 336-344 Frankford av, N. W.  
 White Tool & Supply Co., 1313 W 6th  
 DAYTON—Larkin M. D. Supply Co.  
 Patterson Tool & Supply Co.  
 Weinman C. J. Co., 310 E 2d  
 HAMILTON—Hamilton Supply Co. (Fine Tools)  
 PORTSMOUTH—Hibbs Hardware Co.  
 SAINT MARYS—Jasperson Supply Co.  
 SPRINGFIELD—Springfield Hardware Co.

## OREGON.

PORTLAND—Avery & Co., 48 3rd

## PENNSYLVANIA.

CHESTER—Galey Hardware Co.  
 ERIE—Erie Mfg. & Supply Co.  
 PHILADELPHIA—Billany & Cochrane, 527 Commerce  
 Bond Chas. Co., 520 Arch  
 Bullock, Chas. K., 1361 Ridge av  
 Fraser E. L., 141 N 3d  
 Girard Machine & Tool Co., 491 N 3d  
 Haddock Chas., 343 N 3d  
 Hankey A. & Co., Bourse  
 Lovegrove & Co. (Machines & Tools), 1524 Chestnut  
 Maddock & Co., 40 N 6th  
 Manning, Maxwell & Moore, Lincoln bldg  
 Murta, Appleton & Co., 12th & Sansom  
 Powell, Clouds & Co., 602 Arch  
 Rainear C. J. & Co., 518 Arch  
 Sachs Wm. A., 1152 Germantown av  
 Sees & Faber Co., 2008 N Front  
 Seyfert's L. F. Sons, 437 N 3d  
 Shannon J. Jacob & Co., 1744 Market  
 Standard Supply & Equipment Co., N W cor Cherry & 15th  
 Toomey Frank, 127 N 3d  
 Walter's Wm. P. Sons, 1233 Market  
 Williamson & Cassidy, 526 Market  
 PITTSBURGH—Baird Machinery Co. (All Kinds of Iron & Wood Working Machine Tools, Hoists, Drills, etc)  
 123 Water  
 Frick & Lindsay Co., Robinson  
 Logan-Gregg Hardware Co., 121 9th  
 Machinists Supply Co., 324 3d av  
 Manning, Maxwell & Moore, Park bldg  
 Somers, Fittlar & Todd Co., 325 Water  
 Turnar Chas. A. (Fine Tools, etc), 3d av & Chancey

READING—Bright & Co. (Tools, etc.)  
 SCRANTON—Bittenbender Co.  
 Scranton Supply & Machy. Co.  
 WILKES-BARRE—Eastern Penna. Supply Co.  
 Lewis & Bennett Hardware Co.

## RHODE ISLAND.

PROVIDENCE—American Supply Co., 135 Washington

## SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.  
 GREENVILLE—Carolina Supply Co.

## TENNESSEE.

CHATTANOOGA—James Supply Co.  
 Magill Hardware Co.  
 KNOXVILLE—McClung C. M. & Co.  
 Tennessee Mill & Mine Supply Co.  
 MEMPHIS—Pidgeon-Thomas Iron Co.  
 NASHVILLE—Dale John P. Machy. Co.  
 Gray & Dudley Hardware Co.  
 Hermitage Hardware Co.  
 Keith, Simmons & Co.

## VIRGINIA.

NORFOLK—Empire Mach. & Supply Corp.  
 Porter & Moore Co.  
 Southern Supply Co.  
 Taylor-Parker Co.  
 Walke Henry Co.  
 RICHMOND—Baldwin & Brown, 1557 E Main  
 Frischkorn Hunter B., 801 E Cary  
 Lindsay J. L. (Inc.), 1321 E Main  
 McGraw Jas., 1442 E Main  
 Smith-Courtney Co., 809 E Cary  
 Southern Railway Supply Co., 1322 E Main

## WEST VIRGINIA.

CHARLESTON—Capitol City Supply Co.

## WISCONSIN.

MILWAUKEE—Badger-Packard Machinery Co., 76 W Water  
 Western Iron Stores Co., 145 W Water

## 9504—Mackinaws

Bird, Jones & Kenyon ("Cravenetted," "Dukbak," "Kamp-it" Waterproof), Utica, N. Y.

## 9505—Mackintoshes

Anderson L. M. Co., Trenton, N. J.  
 Chicago Rubber Clothing Co., Racine, Wis.  
 Franklin Rubber Co., 134 Federal, Boston, Mass.  
 Goodrich B. F. Co. (Rubber), Akron, O.  
 Hodgman Rubber Co., 18 W 40th, New York  
 National India Rubber Co., Bristol, R. I.  
 Stoughton Rubber Co. ("Cravenette" Rain Coats), 130 Essex, Boston, Mass.

## 9506—Magazines (Storage, Side-Walk &amp; Portable)

du PONT E. I. de NEMOURS & CO. ("du Pont"). (See also Blasting Supplies), Wilmington, Del.

*See adv index at end of book*

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*  
 Littleford Bros., 444 E Pearl, Cincinnati, O.

## 9507—Magnalium

Crayen G. A. & Co. (Imported), 81 New, New York

When writing to firms whose names appear in this book please mention

**HENDRICKS' COMMERCIAL REGISTER.**



**9508— Magnesite**

American Refractories Co. (Calcined, Dead Burned & Grain), 208 So La Salle, Chicago, Ill.  
 Austro-American Magnesite Co., 208 S La Salle, Chicago, Ill.  
 Federal Refractories Co. (Calcined), Cleveland, O.  
 Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
 General Refractories Co. (Dead Burned), 111 Broadway, New York  
 Hamill & Gillespie (Crude, Imp.), 240 Front, New York  
 Harrison-Walker Refractories Co. (Crude, Calcined, Dead Burned), Farmers' Bank bldg, Pittsburgh, Pa.  
**INNIS, SPEIDEN & CO., Inc.**, (Calcined, Imported), 46 Cliff, New York  
*See adv index at end of book*  
 Katzenbach & Bullock Co. (Grecian & Canadian Calcined), Trenton, N. J.  
 Levensaler-Speir Corp., Monadnock bldg, San Francisco, Cal.  
 Porterville Magnesite Co., San Francisco, Cal.  
 Rex Plaster Co., Los Angeles, Cal.  
 Sonoma Magnesite Co., Humboldt Bank bldg, San Francisco, Cal.  
 Western Development Co., Pacific bldg, San Francisco, Cal.

**9509— Magnesium Chloride**

Dow Chemical Co., Midland, Mich.  
 Graselli Chemical Co., Cleveland, O.  
 Katzenbach & Bullock Co. (Imported), Trenton, N. J.

**9509a—Magnesium Fluosilicate**

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

**9509b— Magnesium (Metallic)**

Norton Laboratories, Inc., Lockport, N. Y.

**9510— Magneto Parts**

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

**Magnetos (Ignition)**

*See Igniters, Gas & Gasoline Engine*

**9511— Magnetos (Telephone)**

Ericsson Mfg. Co., Buffalo, N. Y.

**9512— Magnetos (Testing)**

Holtzer-Cabot Electric Co., Brookline, Mass.  
 Utica Fire Alarm Telegraph Co., Utica, N. Y.

**9513— Magnets (Electro)**

Acme Wire Co. ("Varley Duplex"), New Haven, Conn.  
 American Electrical Works, Phillipsdale, R. I.  
 Ansonia Electrical Co., Ansonia, Conn.  
 Atlanta Utility Works (Oil Mill & Fertilizer), East Point, Ga.  
 Bunnell J. H. & Co., 32 Park pl, New York

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

**ELECTRIC CONTROLLER & MFG. CO.** (Lifting), Cleveland, O.  
*See adv index at end of book*

Glaenger & Co. (Imp.), 33 W 34th, New York  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

Knoblock-Heldman Mfg. Co., South Bend, Ind.

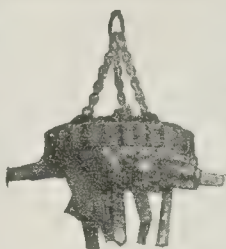
Knott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.

Manhattan Elec. Sup. Co., 17 Park pl, New York

Queen-Gray Co., 618 Chestnut, Phila., Pa.  
 Reisner W. H. Mfg. Co., Hagerstown, Md.  
 Splittorf Electrical Co., 98 Warren, Newark, N. J.

Sumter Electric Co. ("Dixie," "Sumter," "Imp," "Satan"), 1466 Michigan av, Chicago, Ill.

Sundh Electric Co., 550 W 23d, New York  
 Thordarson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.

**9514— Magnets (Lifting)**

Lifting Magnets for handling pig-iron, scrap, etc. Booklet free on request.

**THE CUTLER-HAMMER MFG. CO.**

1200 St. Paul Avenue, Milwaukee, Wis.

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.

**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
 Industrial Works, Bay City, Mich.  
 Magnetic Mfg. Co., Enterprise bldg, Milwaukee, Wis.

Neumeyer & Dimond ("Demag", Imp.), 82 Beaver, New York

**9515— Magnets (Permanent)**

Boker Hermann & Co. (Imported), 101 Duane, New York  
 Esterline Co., Indianapolis, Ind.  
 Indiana Steel Products Co., 127 N Peoria, Chicago, Ill.  
 Schuchardt & Schutte, 90 West, New York  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Utica Fire Alarm Telegraph Co., Utica, N. Y.

**9516—Magnets (Platers' Tank)**

Meaker Co., 1249 Fulton, Chicago, Ill.

**9517— Magnets (Solenoid)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

**9518— Magnifiers**

Bausch & Lomb Optical Co., Rochester, N. Y.

**9519—Mail Catchers (Railway)**

Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.  
 Taylor & Boggis Foundry Co., Cleveland, Ohio

**9520—Mail Chutes for Buildings**

American Mailing Device Corp. (U. S. Mail Chutes), 103 Park av, New York  
 Cutler Mail Chute Co., Rochester, N. Y.

**9521— \*Mailing Lists**

**BOSTON MAILING CO.**, 394 Atlantic av, Boston, Mass.

**9522— Mailing Machines**

*See Addressing & Mailing Machines*

**9523— Mallets (Calking)**

Drew C. & Co., Kingston, Mass.  
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
 Union Hardware Co., Torrington, Conn.  
 Wilcox, Crittenden & Co., Middletown, Conn.

**9523a—Mallets (Carpenters, Printers, Tinnners, Yard)**

Estes E. B. & Sons 358- 5th av, New York  
*See adv index at end of book*  
 Newton Falls Mfg. Co. (Carpenters') Newton Falls, O.

**9524— Mallets (Fibre Head)**

Stearns E. C. & Co., 450 Onelda, Syracuse, N. Y.

**9524a—\*Mallets (For Machinists & Metal Workers)****LIGNUM VITAE MALLET**

Especially adapted for use in machine shops, automobile repair shops, by metal workers, and wherever metal hammers cannot be used without damage of destruction.

**WEIGHTED IF DESIRED.**  
 Bliss R. Mfg. Co. (J. H. O'Neil, Inc., successor), Pawtucket, R. I.

Bliss R. Mfg. Co. (J. H. O'Neil, Jr., successor), Pawtucket, R. I.  
*See adv index at end of book*

**9525— Mallets (Lignumvitae)**

**BLISS R. MFG. CO.** (J. H. O'Neil Jr., successor), Pawtucket, R. I.  
*See adv index at end of book*  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Seib Bros., 96 Boyd av, Jersey City, N. J.  
 Stossel Carl & Co., Front Royal, Va.  
 Strock L. W. & Co., Bethlehem, Pa.

**9526— Mallets (Rawhide)**

Brockton Mallet Co. ("Goddard's"), Brockton, Mass.  
 Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.  
 Holbrook Raw Hide Co., 748 N Main, Providence, R. I.  
 United Awl & Needle Co. (Rawhide Faces), West Medway, Mass.

**9527— Mallets (Rubber)**

Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Continental Rubber Works, Erie, Pa.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Goodrich B. F. Co., Akron, O.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mechanical Rubber Co., Cleveland, O.  
 National India Rubber Co., Bristol, R. I.  
 Newton Falls Mfg. Co., Newton Falls, O.  
 New York Belting & Packing Co., 91 Chambers, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New York  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 Thermoid Rubber Co., Trenton, N. J.

**9528— Mallets (Wooden)**

American Woodworking Co., 19 Warren, New York  
 Bernz Otto, 21 Ashland av, Newark, N. J.  
 Bliss R. Mfg. Co. (J. H. O'Neil Jr., successor), (Hickory), Pawtucket, R. I.  
*See adv index at end of book*  
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Delphos Mfg. Co. (Tinnners', etc), 1st & Pierce, Delphos, O.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Hellenberg J. B. Co. (For Stone Cutters, Carpenters, Tinnners, etc), Coldwater, Mich.  
 Kohaut John C., 114 N. J. R. R. av, Newark, N. J.  
 Newton Falls Mfg. Co., Newton Falls, O.  
 New York Mallet & Handle Works, 743 E 11th, New York  
 Osborne C. S. & Co. (Dogwood & Lignumvite), Harrison, N. J.  
 Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.  
 Prouty C. & Co. (All Kinds), Eldred, Pa.  
 Redlich Mfg. Co., 637 W Oak, Chicago, Ill.  
 Richardl & Bechtold, Bellaire, Mich.  
 Sandusky Tool Co., Sandusky, O.  
 Sommer John Faucet Co., 355 Central av, Newark, N. J.  
 Stanley Rule & Level Co., New Britain, Conn.  
 Stossel Carl & Co., Front Royal, Va.  
 Strock L. W. & Co., Bethlehem, Pa.  
 Union Hardware Co., Torrington, Conn.



**9529—Malt & Ice House Builders**

American Bridge Co., 30 Church, New York  
 Phoenix Iron Co., 410 Walnut, Phila., Pa.  
 Saladin Pneumatic Malting Construction Co., 24 N Clinton, Chicago, Ill.

**9530—Mandrels**

See also Arbors

Adams Co., Dubuque, Ia.  
 Alert Tool Co. (Roller), 221 N 23d, Phila., Pa.  
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Freeman Mfg. Co. (Mandrel Sets), Racine, Wis.  
 Gisholt Machine Co., Madison, Wis.  
 Jersey City Machine Co. (Shell Tools), 115 Plymouth, Jersey City, N. J.  
 LeCount Wm. G., South Norwalk, Conn.  
 Morse Twist Drill & Machine Co. (with Expanding Sleeve), New Bedford, Mass.  
 Noyes B. B. & Co. ("Little Giant"), Greenfield, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Pratt & Whitney Co., Hartford, Conn.  
 Rogers Jno. M. Works, Gloucester City, N. J.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Standard Tool Co., 6900 Central av, Cleveland, O.  
 Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

**Mandrels (Blacksmiths')**

See Mandrels or Cones, Blacksmiths

**9531—Mandrels (Expanding)**

See also Arbors

Hannifin Mfg. Co. ("Hannifin" to Order Only), 621 S Kolmar av, Chicago, Ill.  
 Jersey City Machine Co., Jersey City, N. J.  
 LeCount Wm. G., South Norwalk, Conn.  
 McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.  
 Manufacturers Equipment Co., 175 N Jefferson, Chicago, Ill.  
**NICHOLSON W. H. & CO. (Lathe)**, Wilkes-Barre, Pa.  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Western Tool & Mfg. Co. ("Champion"), Springfield, O.

**9532—Mandrels (Hardened & Ground)**

Standard Tool Co., 6900 Central av, Cleveland, O.

**9532a—\*Mandrels (Hose Poles)**

**NATIONAL TUBE CO.** ("SHELBY"), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

**9533—Mandrels (Hub)**

Defiance Machine Works, Defiance, O.

**9534—Mandrels or Cones (Blacksmiths')**

Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Southern Skein & Foundry Co., Chattanooga, Tenn.  
 Swett A. L. Iron Works, Medina, N. Y.

**9535—Mandrels (Saw)**

American Woodworking Machy. Co., Rochester, N. Y.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Cordesman-Rechtin Co., Butler, Cincinnati, O.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fay J. A. & Egan Co., Front & John, Cincinnati, O.

Grammes F. L. & Sons, Allentown, Pa.  
 Hoe R. & Co., 506 Grand, New York  
 Lippert E. T. Saw Co., Millvale, Pa.  
 Mobile Pulley & Machine Co., Mobile, Ala.  
 National Woodworking Machine Co., Dover, N. H.  
 Ober Mfg. Co., Chagrin Falls, O.  
 Reed Hardware & Mfg. Co., Cairo, Ill.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Southern Engine & Boiler Works, Jackson, Tenn.  
 Southern Saw & Machy. Works (Circular Saw), Atlanta, Ga.  
 Union Iron Works, Bangor, Me.  
 Wheland Co., Chattanooga, Tenn.

**Mandrels (Taper)**

See Mandrels

**9536—Manganese**

American Alloys Co., American bldg, Baltimore, Md.  
 American Manganese Bronze Co. ("Tensilite," "Spare's" Rods), 3501 Rhawn, Phila., Pa.  
 Bauer Philip Co. (Imported), 68 Broad, New York  
**CRYSTAL CHAS. B.** (Oxide, Borate, Resinate Recovered, Imp), 13 Cliff, New York. *See adv index at end of book*  
 Cooper Chas. & Co., 194 Worth, New York  
 Doggett Stanley, 11 Cliff, New York  
 Drakenfeld B. F. & Co. (Imp), 50 Murray, New York  
 Feuchtwanger L. & Co. (Salts), 54 Fulton, New York  
 General Chemical Co., 25 Broad, New York  
 Goldschmidt Thermit Co., 120 Broadway, New York  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
 Innes, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*  
 Klipstein A. & Co. (Imp), 644 Greenwich, New York  
 Lamson John S. & Bro. (Imptrs. & Dirs.), 80 Maiden lane, New York  
 Levensaler-Speir Corp., Monadnock bldg, San Francisco, Cal.  
 McKesson & Robbins (Imp), 91 Fulton, New York  
 Mallinckrodt Chemical Works (Salts), 2d & Mallinckrodt, St. Louis, Mo.  
 Mitsui & Co. (Imp), 25 Maiden la, New York  
 National Paint & Manganese Co. (Miners & Grinder), Lynchburg, Va.  
 Pennsylvania Salt Mfg. Co. (Salt), Widener bldg, Phila., Pa.  
 Powers - Weightman Rosengarten Co. (Salts), 916 Parrish, Phila., Pa.  
 Roessler & Hasslacher Chemical Co. (Chloride, Oxide, Sulphate, etc.), 100 William, New York  
 Samuel Frank, Harrison bldg, Phila, Pa.  
 Scheel Wm. H. (Imported), 159 Maiden la, New York  
 Seaboard Steel & Manganese Corp. (Pig), Temple, Pa.  
 Staley's Creek Manganese & Iron Co., Marion, Va.  
 Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York  
 Wiarda Jno. C. & Co. (Oxide Salts), 273 Greene, Brooklyn, N. Y.

**9537—Manganese Bronze (Parsons')**

Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.

**9538—Manganese Dioxide**

American Alloys Co., American bldg, Baltimore, Md.  
 Foote Mineral Co., 107 N 19th, Phila., Pa.

**9539—Manganese Metal**

Primos Chemical Co., Primos, Pa.

**9539a—\*Manganese (Ores)**

**FOOTE MINERAL CO.**, 107 N 19th, Phila., Pa.

**9540—Manganese Steel Repair Parts**

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 Taylor-Wharton Iron & Steel Co. ("Tisco"), High Bridge, N. J.

**9541—Manganese Steel Track Work**

See also Frogs, Switches & Crossings  
 Barbour Stockwell Co., Cambridge, Mass.  
**Bethlehem Steel Co.** ("Manard"), South Bethlehem, Pa.  
 Cleveland Frog & Crossing Co. ("C. F. C. & Co."), Cleveland, O.  
 Conley Frog & Switch Co., Memphis, Tenn.  
 Frog-Switch & Mfg. Co., Carlisle, Pa.  
 Ramapo Iron Works, Hillburn, N. Y.  
 St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.  
**WHARTON WM. JR. & CO., Inc.** (For Electric, Steam & Industrial Railways), Easton, Pa.

**9542—Mangers (Feed)**

Londen Machinery Co., Fairfield, Iowa  
 Mullins Mfg. Co., Brillion, Wis.  
 Rockford Steel Fixture Co. ("Warren" All Steel Sanitary), Rockford, Ill.  
 West Bend Barn Equipment Co., West Bend, Wis.

**Mangles (Ironing)**

See Laundry Machinery

**9543—Manheads, Yokes, Etc. (Pressed Steel)**

Central Iron & Steel Co., Harrisburg, Pa.  
 Glasgow Iron Co. ("Roe"), Pottstown, Pa.  
 Lukens Steel Co. ("Best Yet"), Coatesville, Pa.  
 Worth Bros. Co., Coatesville, Pa.

**Manholes (Flanged)**

See Boiler Flue Holes & Manholes, Flanged

**9544—Manicure Sets**

Artistic Novelty Co., 461 8th av, New York  
 Bates, C. J. & Son, Chester, Conn.  
 Bens Wm. Co. (Sterling Silver), 7 Beverly, Providence, R. I.  
 Bergner Fred & Co., Paca & Cross, Baltimore, Md.  
 Boker H. & Co. ("Tree Brand," Imported), 101 Duane, New York  
 Celluloid Co. (Celluloid), 36 Washington pl, New York  
**du PONT E. I. de NEMOURS & CO.** (The Arlington Works), 725-27 Broadway, New York  
**Effbee Company**, 512 S 5th av, Chicago, Ill.  
 Graef & Schmidt ("Twin Brand," Imported), 107 Chambers, New York  
 Havell Mfg. Co., 284 Washington, Newark, N. J.  
 Henkel Co., Fremont, Ohio  
 Jennings Silver Co., Irvington, N. J.  
 Klaas Max ("Crane Brand" Imported), 298 B'way, New York  
 Koch F. A. & Co., 524 B'way, New York  
 Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.  
 Manicure Novelty Mfg. Co., 49 E 21st, New York  
 Miller Theo. Mfg. Co., (Mignon), 55 Duane, New York  
**Pacific Novelty Co.** (Ivory "Elpho"), 41 E 11th, New York  
 Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.  
 Requa Mfg. Co., 1193 Atlantic av, Brooklyn, N. Y.  
 Ross Jos. & Co., Irvington, N. J.  
 Saart W. H. Co., Attleboro, Mass.  
 Schnefel Bros., 684 So 17th St., Newark, N. J.  
 Sperry & Alexander Co., 79 Chamber, New York  
 United Novelty Co. Lancaster, Pa.  
 U. S. Specialty Co. ("Allwon" Buffer Sets), Middletown, Conn.  
 Yale Novelty Co. (French Ivory), Leominster, Mass.

**9544a—Manicure Sets (Cased)**

**du Pont E. I. de Nemours & Co.** (The Arlington Works), 725-27 Broadway, New York  
 Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.



**9545— Manifolds**

A. Z. Co., 527 W 56th, New York  
American Tube Bending Co. (Made from Brass, Copper & Steel Tubing), New Haven, Conn.  
Koven L. O. & Bro. (Exhaust), 154 Ogden av, Jersey City, N. J.  
National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

**9546— Manometers**

Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

**9546a— \*Mantel Fittings**

**GORHAM CO. ARCHITECTURAL BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*

**9547—\*Mantel, Grate & Tile Dealers**

**JACKSON EDWIN A. & BRO., (Inc.)** (The "Jackson" Ventilating Grate, Mantels, Tiles, Fireplaces, etc.), 50 Beekman, New York  
*See adv index at end of book*

**9548— Mantels (Brick)**

Carnegie Brick & Pottery Co. (Or Tile), Rialto bldg, San Francisco, Cal.  
Fallston Fire Clay Co., Oliver bldg, Pittsburgh, Pa.  
Fiske & Company (Tapestry), 25 Arch, Boston, Mass.  
Hydraulic-Press Brick Co., ("Hy-tex"), St. Louis, Mo.  
Los Angeles Pressed Brick Co. (Or Tile), Los Angeles, Cal.  
Phila. & Boston Face Brick Co., 155 Milk, Boston, Mass.  
Steiger Terra Cotta & Pottery Wks. (or Tile), Mills bldg, San Francisco, Cal.  
Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.  
Wilson W. A. & Sons, 1409 Main, Wheeling, W. Va.

**Mantels (Faience)**

*See Architectural Faience*

**Mantels (Marble)**

*See Marble Interior Work*

**9549—Mantels (Marbleized Iron)**

Bridgeford & Co., Louisville, Ky.  
Kentucky Stove Co., Louisville, Ky.

**9550—Mantels (Marbleized Slate)**

Coulman & Westcott, Fair Haven, Vt.  
Criterion Slate Co., Hydeville, Vt.  
Excelsior Slate Co., Pen Argyle, Pa.  
Hinchey Patrick F. & Co., Hydeville, Vt.  
Keenan Structural Slate Co., Easton, Pa.  
O'Day Bros., Hydeville, Vt.

**9551— Mantels (Mosaic)**

Giannini & Hilgart, 222 W Madison, Chicago, Ill.  
Hawes & Dodd, 59 E Adams, Chicago, Ill.  
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.  
Sharpless & Watts Co., 1520 Sansom, Phila., Pa.  
Tiffany Studios, 361 Madison av, New York  
Von Gerichten Art Glass Co., 557 So High, Columbus, O.  
Wilson W. A. & Sons, 1409 Main, Wheeling, W. A.

**Mantels (Onyx)**

*See Onyx Workers*

**9552— Mantels (Slate)**

*See also Slate Mill Stock; also Mantels, Marbleized Slate*

American Slate Co., Easton, Pa.  
Auld & Conger Co., 942 Prospect, Cleveland, O.  
Bangor Slate Co., Bangor, Pa.  
Colonial Bangor Slate Co., Bangor, Me.  
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
Hahn Granville, Walnut Port, Pa.  
Hinchey Patrick F. & Co., Hydeville, Vt.  
Jackson Wm. H. Company, 2 W 47th, New York  
Keenan Structural Slate Co., Easton, Pa.  
Monson Maine Slate Co., 112 Water, Boston, Mass.  
North Bangor Slate Co., Bangor, Pa.  
Penrhyn Slate Co., Hydeville, Vt.

**Mantels (Terra Cotta)**

*See Terra Cotta, Architectural*

**9553— Mantels (Wood)**

Allen Mfg. Co. (Ltd.), (Whol. Mfrs.), Shreveport, La.  
American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.  
Atkin C. B. Co. (Whol.), Knoxville, Tenn.  
Bering Mfg. Co. (Whol. Mfrs.), Houston, Tex.  
Bossert Louis & Son, 1335 Grand, Brooklyn, N. Y.  
Brockway-Smith Corp. (Whol.), 98 Canal, Boston, Mass.  
Capitol Lumber Co., Indianapolis, Ind.  
Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.  
Carter Geo. H. Co., 43 Beverly, Boston, Mass.  
Columbia Mantel Co. (Whol.), Louisville, Ky.  
Cumberland Sash & Door Co. (Whol. Mfrs.), Cumberland, Md.  
Curtis Bros. & Co. (Whol. Mfrs.), Clinton, Ia.  
Curtis, Towle & Paine Co. (Whol.), Lincoln, Neb.  
Curtis & Yale Co., Wausau, Wis.  
Dame Mantel Co. (Whol.), Harriman, Tenn.  
Dawson Bros. (Wholesale Mfrs.), 523 N Halsted, Chicago, Ill.  
East Tennessee Woodworking Co., Morristown, Tenn.  
Enterprise Planing Mill Co., Hillsboro, O.  
Farley & Loetscher Mfg. Co., Dubuque, Ia.  
Forest City Furn. Co. (Whol.), Rockford, Ill.  
Foster-Munger Co. (Whol. Mfrs.), 1404 W 37th, Chicago, Ill.  
Gauger Jno. A. & Co. (Wholesale Mfrs.), 1434 W 22d, Chicago, Ill.  
Gordon Vantine Co., Davenport, Ia.  
Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.  
Hegan Co., Louisville, Ky.  
Hornet Mantel Co., 1112 Market, Phila., Pa.  
Hyde-Murphy Co., Ridgeway, Pa.  
Ironton Wood Mantel Co., Ironton, O.  
Irving & Casson, 573 Boylston, Boston, Mass.  
**JACKSON EDWIN A. & BRO. (INC.)**, 50 Beekman, New York  
*See adv index at end of book*  
Jackson Wm. H. Company, 2 W 47th, New York  
Jamestown Mantel Co., Falconer, N. Y.  
Kertscher & Co., Elmira, N. Y.

Knoxville Furn. Co. (Whol.), Knoxville, Tenn.  
Loetscher & Burch Mfg. Co., Des Moines, Ia.  
Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.  
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.  
Messer Jos. J., 461 Central av, Newark, N. J.  
Moline Furniture Works, Moline, Ill.  
Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis.  
Munson & Johnson, Jamestown, N. Y.  
Nalle & Co. (Whol. Mfrs.), Austin, Tex.  
National Mantel Co., McKeesport, Pa.  
National Sash & Door Co., N Dupre & Carondelet Walk, New Orleans, La.  
Newark Mantel Co., 307 18th av, Newark, N. J.  
Ornamental Woodworking Co., Springfield, Mass.  
Ostendorf W. G., 2923 N Broad, Phila., Pa.  
Paine Furniture Co., 81 Arlington, Boston, Mass.  
Paine Lumber Co. (Ltd.), (Whol. Mfrs.), Oshkosh, Wis.  
Peirce W. E. & Co., Milford, N. H.  
Pottler & Stymus Co., 375 Lex. av, New York  
Quincy Show Case Works, Quincy, Ill.  
Richmond Wood Working Co., Richmond, Va.  
Riggs Cypress Co. (Ltd.), (Wholesale Mfrs.), Patterson, La.  
Roberts Sash & Door Co. (Wholesale Mfrs.), 920 W 20th, Chicago, Ill.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
Steiner Mantel Co., 8th & Fairmount av, Baltimore, Md.  
Steuil & Thuman Co., 278 Johnson, Buffalo, N. Y.  
Stuhlmiller Mantel Works (Wholesale Mfrs.), Buffalo, N. Y.  
Taylor Wm. M. Mantel & Grate Co., 26 S 3d, Columbus, O.  
Thauwald C. F. & Co., 1224 Harrison av, Cincinnati, O.  
Western Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.

**9554— Mantles (Arc)**

General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.

**9555-6—Mantles (Incandescent Gas)**

*See also Burners, Incandescent Gas*  
Alter Light Co., 430 S Green, Chicago, Ill.  
American Gas Machine Co. ("America"), Alberta Lea, Minn.  
Aurora Mantle & Lamp Co., Aurora, Ill.  
Best Light Co., Canton, O.  
Block Light Co., Youngstown, O.  
Brilliant Gas Lamp Co., 1009 S Wabash av, Chicago, Ill.  
Buffalo Gas Mantle Co., 296 Bryant, Buffalo, N. Y.  
Columbus Incandescent Mantle Co., Columbus, O.  
Deutsch Chas. (Plain and Fancy Web-bings), 177½ E 87th, New York  
Eclipse Light Co. ("Rector," "Eclipse" & "Junior"), 583 Broadway, New York  
Erie Gas Mantle Mfg. Co., Erie, Pa.  
General Gas Mantle Co. ("Humphrey"), Camden, N. J.  
Harris Wood Fibre Mantle Co. ("Harris"), 1569 Columbus rd, N W, Cleveland, O.  
Hickory Gas Mantle Mfg. Co., N W cor University & Griggs, St. Paul, Minn.  
Hipwell Mfg. Co., 831 W North av, Pittsburgh, Pa.

**EDWIN A. JACKSON & BRO. Inc.**

50 Beekman Street, New York,

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 Liberty Incandescent Light Co., 7 Chat-  
 ham sq., New York  
 Lindsay Light Co., 161 E Grand av., Chi-  
 cago, Ill.  
 New Process Gas Mantle Co. 27 Bank,  
 Phila., Pa.  
 Paragon Light Co., 1389 Delaware av.,  
 Buffalo, N. Y.  
 Peerless Light Co. ("Flexo," "Peerless  
 Indestructo"), 174 W Randolph, Chi-  
 cago, Ill.  
 Phoenix Light Co., 525 Market, Milwau-  
 kee, Wis.  
 Reliance Gas Mantle Co. ("Reliance Two-  
 In-One"), 103 Beekman, New York  
 Smith F. A. Mfg. Co. ("Gasaver"), Roch-  
 ester, N. Y.  
 Steward D. M. Mfg. Co. ("Alva"), Chat-  
 tanooga, Tenn.  
 Sunshine Mantle Co., Chanute, Kan.  
 Van Houten E. J. S., 96 Park pl., New  
 York  
 Welsbach Co. ("Welsbach Reflex," "Wel-  
 co," "Amber"), Gloucester City, N. J.  
 Wiederhold Mantle & Burner Co., 131  
 Winfield av., Jersey City, N. J.

### 9557—Manufacturers' Distributors

American Sales Co., Explosives, Godchaux  
 bldg., New Orleans, La.

### 9558—Maple Sugar & Syrup Makers' Supplies

Bell C. S. Co., Hillsboro, O.  
 Champion Evaporator Co., Hudson, O.  
 Grimm G. H., Rutland, Vt.  
 Hydraulic Press Mfg. Co., Mount Gilead,  
 O.  
 Osborn J. M. & L. A. Co., Cleveland, O.

### 9559—Maps

Bradley Milton Co., Springfield, Mass.  
 Bridgman E. C., 86 Warren, New York  
 Bullard Co., 46 Cornhill, Boston, Mass.  
 Cram Geo. F. Co., 107 N Market, Chicago,  
 Ill.  
 Geographical Publishing Co., 621 Ply-  
 mouth, Chicago, Ill.  
 Gray C. P., 6 Church, New York  
 Hammond C. S. & Co., 30 Church, New  
 York  
 Hyde E. Belcher, 97 Liberty, Brooklyn,  
 N. Y.  
 Indianapolis Blue Print & Supply Co.  
 (Printers), Century bldg., Indianapolis,  
 Ind.  
 Noll E. P. & Co., 21 N 7th, Phila., Pa.  
 Ogle Geo. A. & Co., 538 S Clark, Chicago,  
 Ill.  
 Ohman Map Co., 258 B'way, New York  
 Rand-Avery Supply Co., 117 Franklin,  
 Boston, Mass.  
 Rand McNally & Co., 538 S Clark, Chi-  
 cago, Ill.  
 Sanborn Map Co., 11 B'way, New York  
 Scarborough Motor Guide Co., Indian-  
 apolis, Ind.  
 Smith John L., 27 N 6th, Phila., Pa.  
 Spaulding J. R. & Co., Boston, Mass.  
 Woodward-Tierman Printing Co., 309 N 3d,  
 St. Louis, Mo.

### 9560—Marble Altars

Batterson & Eisele, Main Office & Works,  
 Edgewater, N. J.  
 Christa Marble Co., Detroit, Mich.  
 Church Art Work Co., Mt. Vernon, N. Y.  
 Daprato Statuary Co., 766 W Adams, Chi-  
 cago, Ill.  
 Francini C., Lexington av & 35th, New  
 York  
 Hilgartner Marble Co., So. Sharp &  
 Ostend, Baltimore, Md.  
 Marthens Chester N. Marble Co., W 53rd  
 & Wallace, Chicago, Ill.  
 Oak Hill Marble Works, Birmingham, Ala.  
 Pickel Marble & Granite Co., 1901 N B'way,  
 St. Louis, Mo.  
 Sibbel Jos., 214 E 26th, New York  
 Standard Marble Works, 706 Front, Cin-  
 cinnati, O.  
 Theis' Peter Sons, 636 1st av., New York  
 Tiffany Studios, 361 Madison av., New York  
 Weiblen A. Marble & Granite Co., City  
 Park av & St. Louis, New Orleans, La.

### 9561—Marble (Artificial)

Art Marble Co., 2608 Flournoy, Chicago,  
 Ill.  
 California Scagliola Co., San Francisco,  
 Cal.

Cassini Mosaic & Tile Co., 1027 B'way,  
 Cincinnati, O.  
 Cousins H. A. Co., 524 W 25th, New York  
 Henry Marble Co., 3208 Shields av., Chi-  
 cago, Ill.  
 Klee-Thomson Co., 327 E 40th, New York  
 Scagliola Mfg. Co., 255 Lexington av., New  
 York  
 Stone Products Co., Muskegon, Mich.

### 9562—Marble (Basseville)

Jackson C. D. & Co. (Imp), 105th & E. R.,  
 New York

### 9563—Marble (Carrara)

Jackson C. D. & Co. (Imp), 105th & E. R.,  
 New York  
 Schlichter P. M. & W., 636 1st av., New  
 York  
 Tompkins Kiel Marble Co., 505 5th av.,  
 New York

### 9564—Marble (Colored, Foreign)

Jackson C. D. & Co. (Imp), 105th & E. R.,  
 New York  
 Tompkins Kiel Marble Co., 505 5th av.,  
 New York

### Marble Columns (Artificial)

See Marble, Artificial

### 9565—Marble Columns (Monolithic)

Colorado Yule Marble Co. (Pure White &  
 Veined), Marble, Colo.  
 Schlichter P. M. & W., 636 1st av., New  
 York

### 9566—Marble, Crushed (Graded)

Rutland Fire Clay Co. ("Rutland"), Rut-  
 land, Vt.

### 9567—Marble Dust Mfrs.

Daniels Willard B. (Also Marble Flour),  
 252 Front, New York  
 French Samuel H. & Co., 4th & Callowhill,  
 Phila., Pa.  
 Hammill & Gillespie (Jobbers), 240 Front,  
 New York  
 Higginson Mfg. Co., Newburgh, N. Y.  
 Hoosac Co., North Adams, Mass.  
 Jackson C. D. & Co., 105th & E. R., New  
 York  
 King J. B. & Co., 17 State, New York  
 McIlvaine Bros. (For Builders' Use, Soap  
 Makers & Granulated for Filtering,  
 etc.), 1500 Hamilton, Phila., Pa.  
 Nelson N. O. Marble Co., Edwardsville, Ill.  
 Ohio Marble Co., Piqua, O.  
 Peoria Stone & Marble Works, Peoria, Ill.  
 Rutland Fire Clay Co. ("Rutland," Pul-  
 verized), Rutland, Vt.  
 Tompkins Kiel Marble Co., 505 5th av.,  
 New York  
 White Marble & Terrazzo Co., Lee, Mass.  
 Whittaker W. H. Co. (Jobbers), 250 Front,  
 New York

### Marble Electric Work

See Marble Interior Work

### 9568—Marble Exterior Work

Batterson & Eisele, Main Office & Works:  
 Edgewater, N. J.  
 Beaver Dam Marble Co., Gunther bldg.,  
 Baltimore, Md.  
 Blue Ridge Marble Co. (Georgia Marble),  
 Nelson, Ga.  
 Bradbury Marble Co., 4165 Duncan, St.  
 Louis, Mo.  
 Bradley Wm. & Son, Vernon av., Long Is-  
 land City, N. Y.  
 Buckeye Marble Co., Hamilton, O.  
 Colorado Yule Marble Co., Marble, Colo.  
 Georgia Marble Finishing Works, Canton,  
 Ga.  
 Gray Wm. & Sons Co., 30 bl Walnut, Phila-  
 delphia, Pa.  
 Norcross Bros. Co., Harvard & Jennings  
 rd., Worcester, Mass.  
 Oak Hill Marble Works, Birmingham, Ala.  
 Rullman & Wilson, Lafayette E of Mt.  
 Royal, Baltimore, Md.  
 Rutland Marble & Granite Co., Rutland,  
 Vt.  
 Sickels Geo. B. Marble Co., Tate, Ga.  
 Sisson Hugh & Sons, 21 N Liberty, Balti-  
 more, Md.  
 Southern Marble Co., Marble Hill, Ga., &  
 Worcester, Mass.  
 Vermont Marble Co., Proctor, Vt.  
 Weiblen A. Marble & Granite Co., City  
 Park av & St. Louis, New Orleans, La.

### Marble Flour

See Marble Dust

### 9569—Marble for Terrazzo

Cardiff Green Marble Co. (Granito),  
 Cardiff, Md.  
 Traittel Marble Co., Webster av & E. R.  
 Long Island City, N. Y.  
 Whitestone Marble Co. (Whitestone Gran-  
 ito), Atlanta, Ga.  
 Willingham Stone Co. (White Granito),  
 Healey bldg., Atlanta, Ga.

### 9570—Marble (Greek)

Jackson C. D. & Co. (Imp), 105th & E. R.,  
 New York

### 9571—Marble (Green)

Cardiff Green Marble Co., Cardiff, Md.  
 Jackson C. D. & Co., 105th & E. R., New  
 York  
 Schweyer Henry A., Co. ("Sylvan Green"),  
 Easton, Pa.  
 Tompkins Kiel Marble Co., 505 5th av.,  
 New York  
 Westfield Marble & Sandstone Co., West-  
 field, Mass.

### 9572—Marble Importers

See also Marble, Wholesale

Batterson & Eisele, Main Office & Works,  
 Edgewater, N. J.  
 Evans Marble Co., Shell & Dock, Balti-  
 more, Md.  
 Fenn C. E. & Co., 38 S Dearborn, Chicago,  
 Ill.  
 Francini C., Lexington av & 35th, New  
 York  
 Hilgartner Marble Co., So. Sharp &  
 Ostend, Baltimore, Md.  
 Jackson C. D. & Co., 105th & E. R., New  
 York  
 Musto Jos. Sons-Keenan Co., 535 North  
 Point, San Francisco, Cal.  
 Pisani Bros., 61 Mills, Astoria, New York  
 Roussel Albert C., 524 W 50th, New York  
 Schlichter P. M. & W. (German & Italian),  
 636 1st av., New York  
 Standard Marble Wks, 706 Front, Cincin-  
 nati, O.  
 Taber & Co., 446 E 106th, New York  
 Tompkins Kiel Marble Co., 505 5th av., New  
 York  
 Townsend, Townsend & Co., 453 W 21st,  
 New York

### 9573—Marble Importers (Italian)

Batterson & Eisele, Main Office & Works,  
 Edgewater, N. J.  
 Jackson C. D. & Co., 105th & E. R., New  
 York  
 Pisani Bros., 61 Miles, Astoria, L. I., New  
 York  
 Schlichter P. M. & W., 636 1st av., New  
 York  
 Tompkins Kiel Marble Co., 505 5th av., New  
 York

### 9574—Marble Interior Work

See also Plumbers' Marble Work; also  
 Marble Producers

American Mosaic & Tile Co., Louisville, Ky.  
 Andres Stone & Marble Co., Keefe av &  
 Richards, Milwaukee, Wis.  
 Batterson & Eisele, Main Office & Works,  
 Edgewater, N. J.  
 Blue Ridge Marble Co. (Georgia & Tenn.  
 Marble Only), Nelson, Ga.  
 Bowker, Torrey Co., 158A, Boston, Mass.  
 Bradbury Marble Co., 4165 Duncan, St.  
 Louis, Mo.  
 Bradley Wm. & Son, Vernon av., Long  
 Island City, N. Y.  
 Buckeye Marble Co., Hamilton, O.  
 Buess Wm., 312 E 95th, New York  
 Cascio S. (Counter Work, Plumbers' Work  
 Marble Top Table, Tiling, etc.), 1259  
 Flushing av., Brooklyn, N. Y.  
 Central Mosaic & Tile Co., Memphis, Tenn.  
 Christa Marble Co., Detroit, Mich.  
 Colorado Yule Marble Co., Marble, Colo.  
 Columbia Marble Co., 17th & Missouri,  
 San Francisco, Cal.  
 Cork & Zicha Marble Co., 813 Vernon av.,  
 Long Island City, N. Y.  
 Daprato Statuary Co., 766 W Adams, Chi-  
 cago, Ill.  
 Davidson Bros. Marble Co., Ft of Orleans,  
 Chicago, Ill.



Drake Marble & Tile Co., 58 Plato av, St. Paul, Minn.  
 Duquesne Marble Co., Irwin & Jarvella, N S, Pittsburgh, Pa.  
 Eckhardt Monumental Co., Toledo, O.  
 Ellin, Kitson & Co., Madison av & 34th, New York  
 Eschmann B. & J., 412 E 37th, New York  
**EVANS MARBLE CO.**, Shell & Dock, Baltimore, Md.  
 Francini C., Lexington av & 35th, New York  
 Georgia Marble Finishing Works, Canton, Ga.  
 Grant Marble Co., 27th & Canal, Milwaukee, Wis.  
 Gray Chas M. Marble & Slate Co., 709 Vernon av, Long Island City, N. Y.  
 Gray Wm. & Sons Co., 30th bl Walnut, Philadelphia, Pa.  
 Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.  
 Huber Victor Marble & Granite Co., Scott & St. Louis, New Orleans, La.  
 Jacoby & Son Co., 2025 Market, Phila., Pa.  
 Kemein & Leahy, Onyx, Long Island City, N. Y.  
 Kennesaw Marble Co., Marietta, Ga.  
 Klaber S. & Co., 21 W 39th, New York  
 McGratty & Sons, 313 Butler, Brooklyn, N. Y.  
 McLaury D. H. Tile Co., 103 Park av, New York  
 Marthens Chester N. Marble Co., W 53d & Wallace, Chicago, Ill.  
 Millgard D. & Co., Colfax, Wash.  
 Mon C. (Mosaics), Atlanta, Ga.  
 Mion P Co. (Contracting), Atlanta, Ga.  
 Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.  
 National Mosaic Co., 338 Pennsylvania av, Washington, D. C.  
 Nelson N. O. Marble Co., Edwardsville, Ill.  
 Norcross Co., Harvard & Jennings rd, Cleveland, O.  
 Northwestern Marble & Tile Co., 27th av & 27th, Minneapolis, Minn.  
 Oak Hill Marble Works, Birmingham, Ala.  
 Pelli Alexander & Co., 509 E 120th, New York  
 Peoria Stone & Marble Works, Peoria, Ill.  
 Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.  
 Ravenswood Co., Ravenswood, Long Island City, N. Y.  
 Reeves Interior Marble Co., Atlanta, Ga.  
 Schlichter P. M. & W., 636 1st av, New York  
 Shipway John H. & Bro., Locust av & 136th, New York  
 Sickles Geo. B. Marble Co., Tate, Ga.  
 Sisson Hugh & Sons, 21 N Liberty, Baltimore, Md.  
 Standard Marble Works, 706 Front, Cincinnati, O.  
 Theis' Peter Sons, 636 1st av, New York  
 Toscani John L. Co., 930 E 178th, New York  
 Traitel Marble Co., Webster av, Long Island City, N. Y.  
 Voska, Foelsch & Sidio, 61 Mills, Astoria, L. I., N. Y.  
 Wege Marble & Tile Co., Central National Bank bldg, Columbus, O.  
 Weiblen A. Marble & Granite Co., City Park av & St. Louis, New Orleans, La.  
 Weis & Jennett Marble Co., 3011 Missouri, St. Louis, Mo.  
 White Marble & Terrazzo Co., Lee, Mass.

### Marble Mosaic

See Mosaics, Floor

### Marble Mosaic Cube Importers

See Mosaic Cube Importers, Etc.

### Marble (Plumbers')

See Plumbers' Marble Work

### 9575— Marble Producers

#### ARIZONA.

BOWIE—Arizona Marble Co.

#### CALIFORNIA.

LOS ANGELES—American Carrara Marble Co.  
 SAN FRANCISCO—Columbia Marble Co., 17th & Missouri

#### COLORADO.

MARBLE—Colorado Yule Marble Co. (Pure White, for Exterior & Interior Work, Statuary, etc.)

#### GEORGIA.

ATLANTA—Atlanta Marble & Granite Co. Whitestone Marble Co. Quarries: Whitestone, Ga.  
 BALL GROUND—Amicalola Marble Co. ("Amicalola," White)  
 Consumers Monument Co.  
 Roberts Marble Co.  
 Williams-Hester Marble Co.  
 CANTON—Coggins Marble Co.  
 Continental Marble & Granite Co.  
 Georgia Marble Finishing Works  
 COLUMBUS—Elledge & Norman Marble Co.  
 MARIETTA—Kennesaw Marble Co. McNeel Marble Co.  
 NELSON—Blue Ridge Marble Co.  
 TATE—Georgia Marble Co. ("Cherokee," "Creole," "Kennesaw," "Etowah," "Silver Gray")  
 Sickles Geo. B. Marble Co.  
 WHITESTONE—Whitestone Marble Co.

#### ILLINOIS.

CHICAGO—Evans Marble Co., 133 N Clark  
 Garden City Sand Co., Chamber of Comm. bldg

#### MARYLAND.

BALTIMORE—Beaver Dam Marble Co., Gunther bldg. Quarries, Cockeysville, Md.  
 Evans Marble Co., Shell & Dock  
 Sisson Hugh & Sons, 21 N Liberty  
 Sisson Marble Co., W 23d & B & O

#### MASSACHUSETTS.

LEE—Gross W. H.  
 Lee Marble Works  
 White Marble & Terrazzo Co.  
 WESTFIELD—Westfield Marble & Sandstone Co.  
 WEST STOCKBRIDGE—West Stockbridge Marble Works

#### MICHIGAN.

DETROIT—Christa Marble Co.

#### MISSOURI.

CARTHAGE—Carthage Marble Works  
 Carthage Marble & White Lime Co. (See St. Louis)  
 Carthage Quarry Co.  
 Carthage Stone Co.  
 Carthage Superior Marble & Limestone Co.  
 Consolidated Marble & Stone Co.  
 Kellogg Marble Co.  
 Spring River Stone Co.  
 KANSAS CITY—Phenix Marble Co., 19th & Olive  
 ST. LOUIS—Bradbury Marble Co., 4165 Duncan  
 Carthage Marble & White Lime Co., Chouteau & Vendevert av

#### NEW YORK.

CARTHAGE—Crooks & McLean Co.  
 GOUVERNEUR—Gouverneur Marble Co.  
 New York Marble & Granite Co.  
 Scholton D. G. (Wholesale)  
 St. Lawrence Quarries  
 Sullivan John J.  
 NEW YORK—Batterson & Eisele, 101 Park av  
 Colorado Yule Marble Co., 334 5th av. Quarries: Marble, Colo.  
 Norcross Bros. Co. (Georgia, Tuckahoe & Vermont), 103 Park av  
 Tassini & Tassini, 810 E 5th

#### OHIO.

CINCINNATI—Buckeye Marble Co. (Tennessee)  
 Standard Marble Works, 706 W Front

#### PENNSYLVANIA.

KING OF PRUSSIA—Schweyer Henry A. Co. (Blue & Dark Blue)  
 Schweyer Henry A. Co. ("Sylvan Green"). Quarries: Easton, Pa.  
 PHILADELPHIA—Peverley Bros., 1215 Filbert  
 WEST GROVE—Penna. Marble & Granite Co.

#### SOUTH CAROLINA.

SPARTANSBURG—Southern Marble & Granite Co.

#### TENNESSEE.

KNOXVILLE—Appalachian Marble Co. (Havlin Pink, Silver Gray, Dark Chocolate, Roseal, Dark Stainette Variegated)  
 Asbury Marble Co. ("Gray Eagle")  
 Cedar Bluff Marble Co.  
 Craig Jno. J. Co.  
 Cumberland Marble Mill Co.  
**EVANS MARBLE CO.**  
 Fenton Construction Co.  
 Gray Eagle Marble Co. ("Gray Eagle")  
 Ross J. M.  
 Ross & Republic Marble Co. ("Royal")  
 Tennessee Producers' Marble Co. (Dark Cedar, McMullen Gray & Bond Pink)  
 Victoria Marble Co. ("Victoria Pink," "Victoria Gray")  
 MEADOW—Meadow Marble Co. ("Meadow Pink," "Meadow Gray"),

#### VERMONT.

BRANDON—Brandon Marble Co.  
 Middlebury Marble Co.  
 BURLINGTON—Goodell Granite & Marble Co.  
 FOWLER—Rutland Florence Marble Co.  
 MANCHESTER CENTER—Beebe Wm. G.  
 PROCTOR—Vermont Marble Co.  
 RUTLAND—Rutland Marble & Granite Co. United Marble Companies  
 SWANTON—Barney Marble Works  
 WEST RUTLAND—Clarendon Marble Co.

#### VIRGINIA.

RICHMOND—Wray Audrew J., 328 S Cherry

### 9576—Marble (Rosso Antico)

Jackson C. D. & Co. (Imp.), 105th & E R, New York

### 9577—Marble Sawing Machines

See Stone Sawing Machines

### 9578— Marble (Serpentine)

Tompkins Kiel Marble Co., 505 5th av, New York  
 Westfield Marble & Sandstone Co. (Black & Green), Westfield, Mass.

### 9579— Marble Statuary

Batterson & Eisele, Main Office & Works, Edgewater, N. J.  
 Church Art Work Co., Mt. Vernon, N. Y.  
 Francini C., Lexington av & 35th, New York  
 Viani Alexandro (Marble Dust), 114 Centre, New York

### 9580— Marble (Terrazzo)

Tompkins Kiel Marble Co., 505 5th av, New York

### 9581— Marble (Tinos)

Jackson C. D. & Co. (Imp.), 105th & E R, New York

### 9582—Marble (Vert D'Estours)

Jackson C. D. & Co. (Imp.), 105th & E R, New York



**9583—Marble (Wholesale)**

See also Marble Importers

Batterson & Eisele, Main Office & Works, Edgewater, N. J.  
 Bradbury Marble Co. (Georgia, etc), 4165 Duncan, St. Louis, Mo.  
 Carthage Marble & White Lime Co. (Georgia & Tennessee), Chouteau & Vender av, St. Louis, Mo.  
 Colorado Yule Marble Co. (Pure White, for Exterior & Interior Work, Statuary, etc.), Marble, Colo.  
 Evans Marble Co., Shell & Dock, Baltimore, Md.  
 Fenn C. E. & Co., 38 S Dearborn, Chicago, Ill.  
 Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.  
 Jackson C. D. & Co. (Imp.), 105th & E R, New York  
 Pisani Bros., 61 Mills, Astoria (Borough of Queens, New York)  
 Musto Jos. Sons-Keenan Co., 535 North Point, San Francisco, Cal.  
 Roussel Albert C., 524 W 50th, New York  
 Schlichter P. M. & W., 636 1st av, New York  
 Taber & Co., 444 E 106th, New York  
 Temple Bros., Rutland, Vt.  
 Tompkins Kiel Marble Co. ("Eastman's," Cream, Green & White), 505 5th av, New York  
 Vermont Marble Co., Proctor, Vt.

**9584-5—Marbles (Playing)**

Akro Agate Co., Clarksburg, W. Va.  
 Allbright & Lightcap, Ravenna, O.  
 Christensen M. F. & Son, Akron, Ohio  
 Johnston & Sharp Mfg. Co. (Hollow Steel), Ottumwa, Ia.  
 Standard Toy Marble Co. (Toy Marbles), Akron, Ohio

**9586—Marine Railway Builders**

Crandall Engineering Co. (For Dry Docks) 102 Border, E. B., Boston, Mass.  
 Devney H. J., Ashtabula, O.  
 Laird & Sons, Ashtabula, O.  
 Mead-Morrison Mfg. Co., corner Prescott & Orleans, East Boston, Mass.  
 New London Marine & Iron Works, New London, Conn.

**Marine Railways**

See Dry Docks &amp; Marine Railways

**9587—Markers (Button & Button Hole)**

Firsching Jos. A., Utica, N. Y.

**9588—Markers (Center)**

See Punches, Center

**9589—Markers (Clap-Board)**

Goodell-Pratt Co., Greenfield, Mass.  
 Smith Otis A., Rockfall, Conn.  
 Stanley Rule & Level Co., New Britain, Conn.

**9590—Markers (Engine & Tail)**

Handlan-Buck Mfg. Co. ("Handlan"), 210-214 N 3rd, St. Louis, Mo.

**9591—Markers (Poultry, Cattle Etc.)**

Cadwallader Thos. ("Champion" Leg Bands), Salem, O.  
 Dana C. H. (Ear Tags), West Lebanon, N. H.

**9592—Markers (Stock)**

Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
 Stearns E. C. & Co. (For Punching Live Stock), 450 Oneida, Syracuse, N. Y.

**9593—Marline (Tarred)**

See also Twines

American Mfg. Co., West, Brooklyn, N. Y.  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y. See adv index at end of book  
 Hanover Cordage Co., Hanover, Pa.  
 Peter & Guckenberger, Harriet & Budd, Cincinnati, O.

**9594—Marquises**

American Luxfer Prism Co., 1018 37th, Chicago, Ill.  
 Chattanooga Roofing & Mfg. Co., Chattanooga, Tenn.  
 Cincinnati Mfg Co., Cincinnati, O.  
 See adv index at end of book  
 Cornell Iron Works, 26th & 11th av, New York  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Ellison Brass Mfg. Co., Jamestown, N. Y.  
 Fiske J. W. Iron Works, 80 Park pl, New York  
 Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.  
**GORHAM CO. ARCH'L BRONZE** (Bronze) 5th av & 36th, New York  
 See adv index at end of book  
 Halsted Jos. Co., 1233 W Randolph, Chicago  
 Henry-Bonnard Bronze Co. (Bronze & Iron), 20 Exchange pl, New York  
 Jackson Wm. H. Company (Iron & Bronze), 2 W 47th, New York  
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Mesker Geo. L. & Co., Evansville, Ind.  
**MEYERS FRED J. MFG. CO.**, Hamilton, O.  
 See adv index at end of book  
**PITT WM. R. COMPOSITE IRON WKS.** (Iron & Glass), 219 W 26th, New York  
 See adv index at end of book  
 Remppis Wm. F. Co., 226 & 236 Spruce, Reading, Pa.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Richey, Browne & Donald, Flushing av, Maspeth (Boro. of Queens), New York City  
 Schrieber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.  
 Smith E. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
 See adv index at end of book  
 Smyser, Royer Co., York, Pa.  
 Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
 Tiffany Studios, 361 Madison av, New York  
**TYLER W. S. CO.**, Cleveland, O.  
 See adv index at end of book  
 Verdeckberg Iron & Wire Works Co., 1401 Market, Denver, Colo.  
 Vulcan Co., 11 Raynor, Detroit, Mich.  
 Wells Architectural Iron Co., River av & 151st, New York  
 West Side Structural Co., Troy, N. Y.  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.  
 Wisconsin Iron & Wire Wks., Milwaukee, Wis.

**9594a—Martingale Rings (Loops & Dies)**

du Pont E. I. de Nemours & Co. (The Arlington Wks), 725-27 B'way, New York  
 Rubber & Celluloid Products Co. (Celluloid), 56 Ferry, Newark, N. J.

**9595—Mashers (Potato)**

A. & J. Mfg. Co. ("A. & J."), Binghamton, N. Y.  
 Browne & Dowd Mfg. Co. ("Rapid," Masher & Beater), Meriden, Conn.  
 Cassidy Fairbank Mfg. Co. (Perforated, "Buckeye," Wire Spring, etc), 6126 S La Salle, Chicago, Ill.  
 Erie Specialty Co. ("Quick & Easy"), 520 W. 12th, Erie, Pa.  
 Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book  
 Goodell Co., Antrim, N. H.  
 Hamblin & Russell Mfg. Co. ("Crown," etc, Wire), Worcester, Mass.  
 Kohler P. E. Co., Canton, O.  
 Minerva Hardware Mfg. Co. ("3-in-1"), Minerva, O.  
 Morgan Spring Co. (Wire), Worcester, Mass.  
 National Mfg. Co. ("Natwire"), Worcester, Mass.  
 Parker Wire Goods Co. (Wire, Wood Handle), Worcester, Mass.  
 Prouty C. & Co., Eldred, Pa.

**QUADRIGA MFG. & SPECIALTY CO.**

("Chef," Machine for Hotels, etc), 213 W Grand av, Chicago, Ill.  
 See adv index at end of book  
 Standard Aluminum Co. (Aluminum), Two Rivers, Wis.  
 Streeter N. R. & Co. ("Sensible"), Rochester, N. Y.  
 Taplin Mfg. Co., New Britain, Conn.  
 Timberlake J. B. & Sons (Steel Wire), Jackson, Mich.  
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.  
 Wire Woods Co. (Wire), Worcester, Mass.  
 Woods-Sherwood Co. (Wire, Wood Handle), Worcester, Mass.

**9596—Mashers (Potato, Wooden)**

Chapman-Sargent Co., Perrysburg, O.  
 Peirce W. E. & Co., Milford, N. H.  
 Richardi & Bechtold, Bellaire, Mich.  
 Sandusky Tool Co., Sandusky, O.  
 Sommer John Faucet Co., 355 Central av, Newark, N. J.

**9597—Masks (Base Ball)**

Chicago Sporting Goods Mfg. Co., 123 S Jefferson, Chicago, Ill.  
 Draper Maynard Co., Plymouth, N. H.  
 Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.  
 Hamblin & Russell Mfg. Co. ("H. & R."), Worcester, Mass.  
 Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.  
 Parker Wire Goods Co. (Steel Wire), Worcester, Mass.  
 Peach J. A. ("Peach," Electrically Welded), Gloversville, N. Y.  
 Rawlings Mfg. Co. ("Rawlings"), 23rd & Lucas av, St. Louis, Mo.  
 Reach A. J. Co., Tulip & Palmer, Phila., Pa.  
 Spalding A. G. & Bros., 126 Nassau, New York  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Victor Sporting Goods Co., Springfield, Mass.  
 Western Sporting Goods Mfg. Co., 126 N Union av, Chicago, Ill.  
 Wright & Ditson, 344 Washington, Boston, Mass.

**9598—Masks (Fencing)**

Lau J. H. & Co., 75 Chambers, New York  
 Spalding A. G. & Bros., 126 Nassau, New York

**Masons' Leads**

See Plumb Bobs

**Masons' Lines**

See Chalk &amp; Masons' Lines

**Masons & Builders**

See Contractors, Building &amp; General

**9599—Masons' & Builders' Materials**

For Manufacturers, Consult Index of Contents for Specific Article Required

**ALABAMA.**

BESSEMER—Edwards G. B. Lumber Co.  
 BIRMINGHAM—Baldwin J. Frank  
 Barnett Lumber Co.  
 Byrum Hardware Co.  
 Carolina Portland Cement Co.  
 Kirkpatrick Sand & Cement Co.  
 Woodlawn Supply Co.  
 HUNTSVILLE—Booth A. M.  
 Huntsville Lumber & Mfg. Co.  
 LONGVIEW—Longview Lime Works  
 MOBILE—Mobile Coal Co.  
 MONTGOMERY—Alabama Lumber Co.  
 Kennedy Co.  
 Montgomery Lime & Cement Co.  
 Southern Building Supply Co.  
 SHEFFIELD—Marks H.

**ARIZONA.**

DOUGLAS—Douglas Lumber Co.  
 PHOENIX—Ryder H. W.  
 TUCSON—Tucson Lumber Co.



## ARKANSAS.

HELENA—Carvell Herman & Co.  
JONESBORO—Barton Lbr. & Brick Co.  
Stuck C. A. & Sons  
LITTLE ROCK—Arkansas Brick & Mfg.  
Co.  
Leiper G. A. & Co.  
OLIVER—Thomas-Huycke Co.

## CALIFORNIA.

ALAMEDA—Rhodes Jamieson Co.  
BAKERSFIELD—Pioneer Mercantile Co.  
BERKELEY—Foss F. W. Co.  
Taylor Henry W.  
DALY CITY—Smith Hugh H.  
EUREKA—Bayside Lumber Co.  
FRESNO—Pierce C. S. Lumber Co.  
Valley Lumber Co.  
LOS ANGELES—Atlas Mixed Mortar Co.  
Ganahl C. Lumber Co.  
Grand Canyon Lime & Cement Co.  
Los Angeles Lime Co.  
Southern California Lime & Cement Co.  
Union Lime Co.  
Waterhouse Co.  
Western Commercial Co.  
OAKLAND—Remillard Brick Co.  
PASADENA—Blinn L. W. Lumber Co.  
Kerckhoff-Cuzner Lumber Co.  
PETALUMA—Kahn A.  
RED BLUFF—Holt & Gregg Co.  
SACRAMENTO—Kreuzberger Bartie  
SAN DIEGO—Bailey W. J. Co.  
Schirm J. S. Commercial Co.  
SAN FRANCISCO—Builders' Supply Depot,  
42 Eighth  
Building Material Co., Monadnock bldg  
Cassaretto John, 345 Berry  
Cowell Henry Lime & Cement Co., 2  
Market  
Dempster & Son, Merchants Exch bldg  
Dolan Daniel J., 1643 Market  
Fernald Co., 221 Tehama  
Gillon Edward E., 3944 Geary  
Holmes Lime & Cement Co., Postal  
Tel. bldg  
Lennon James E. Lime & Cement Co.,  
352 Church  
McNear Brick Agency, Monadnock  
bldg  
Pacific Lime & Plaster Co., Monad-  
nock bldg  
Pacific Portland Cement Co., Pacific  
bldg  
United Materials Co., 618 Mission  
Western Builders' Supply Co., 155  
New Montgomery  
Western Fuel Co., 430 California  
Western Lime & Cement Co., Postal  
Telegraph bldg  
SANTA ANA—Pendleton Lumber Co.  
SANTA BARBARA—Union Mill Co.  
SANTA ROSA—Berka F.  
STOCKTON—Hammond & Yardley  
WATSONVILLE—Pajoria Valley Mercan-  
tile Co.

## COLORADO.

ASPEN—Tomkins Lewis H. Hardware Co.  
DENVER—Barrows Geo. A. Lime Co., 1701  
13th  
Cement & Lime Products Co., 360  
Logan  
Colorado Lime & Fluxing Co., 321 Mc-  
Phee  
Fisher Francis J., 2363 Blake  
Fleming Bros. Co., 701 S B'way  
Hallack Lumber & Supply Co., 3901  
Gilpin  
McPhee & McGinnity Co., 1630 Arapa-  
hoe  
Rocky Mountain Fuel Co., Foster bldg  
Sayre-Newton Lumber Co., 23rd &  
Blake  
Threewit Benj. F., 1439 Wynkoop  
LEADVILLE—Harvey John Fuel & Feed  
Co.  
Williams Lumber Co., 6th & Hemlock  
PUEBLO—Newton Lumber & Investment  
Co.  
RED CLIFF—Fleming Lumber & Merc Co.  
ROCKY FORD—English R. W. Lumber Co.  
TRINIDAD—Davis O. L. Lumber Co.

## CONNECTICUT.

BERLIN—Merwin C. P. Brick Co.  
BRIDGEPORT—Burns Co., Lindley  
Hannan F. H. Supply Co.  
Miller Frank Lumber Co.  
Silliman & Godfrey Co.  
Wheeler & Howes  
BRISTOL—Judd B. F.  
Saxton & Strong  
BROOKFIELD—New England Lime Co.  
DANBURY—Osborne A. C.  
Peck-Burkett Lumber Co.  
DANIELSON—Young Bros.  
GREENWICH—Brush Joseph  
Maher Bros. Corp.  
HARTFORD—Billings Sidewalk & Coal  
Co.  
Putnam H. E.  
Watson Alexander  
JEWETT CITY—Chapman & Tripp  
LAKEVILLE—Spurr E. W. Co.  
MERIDEN—Lines H. Wales Co.  
Lyon & Billard Co.  
MIDDLETOWN—Davis L. O. & E. S.  
MILFORD—Smith D. E.  
NEW BRITAIN—City Coal & Wood Co.  
Damon W. L. Co.  
Hibbard B. H. Co.  
NEW CANAAN—Weed & Duryea  
NEW HAVEN—Atwater W. J. Co.  
Conn. Adamant Plaster Co.  
Howard Co.  
Jordan Co.  
New England Stone Co.  
Warner-Miller Co.  
NEW LONDON—Marquardt Bros.  
NEW MILFORD—Beach C. M. Co.  
Soule Turney  
NORWALK—Bishop & Lymes  
Hatch & Bailey Co.  
Hubbell, Hall & Randall Co.  
Meeker Coal Co.  
NORWICH—Chappel Edw. Co.  
Peck, McWilliams & Co.  
PORTLAND—Strong & Hale Lumber Co.  
FUTNAM—Fox Jno. O. & Co.  
Kinney Myron & Son  
Wheaton Building Lumber Co.  
ROCKVILLE—Hill Geo. W.  
ROXBURY STATION—Hodge A. L. & Son  
SEYMOUR—Beach A. Y.  
SHELTON—Clark D. N.  
SOUTHINGTON—Southington Lumber &  
Feed Co.  
SOUTH NORWALK—(See Norwalk)  
SOUTHPORT—Northrop Bros.  
STAMFORD—Bounty A. E. Co.  
Stamford Masons' Supply Co.  
TORRINGTON—Hotchkiss Bros. Co.  
WALLINGFORD—Gallagher Bros.  
WATERBURY—Bergen E. & Sons  
Chatfield Geo. S. Co.  
Chatfield & Chatfield  
Gaffney John W. & Son  
McManus Edw.  
Tracy Bros. Co.  
WATERTOWN—Atwood C. W.  
Hitchcock Hardware Co.  
WILLIMANTIC—Hillhouse & Taylor  
Lincoln & Boss Lumber & Coal Co.  
Willimantic Lumber & Coal Co.  
WINDSOR LOCKS—Bidwell F. S. & Co.  
WINSTED—Bronson Bros.  
Burwell J. C.

## DELAWARE.

GEORGETOWN—Thoroughgood Co.  
NEW CASTLE—Eliason J. T. & L. E.  
NEWPORT—Justis J. G. Co.  
WILMINGTON—Conly Bros., Front &  
Madison  
Pyle Victor R. Co., Market & D  
Warner Chas. Co. (Lime Mfrs.,  
Wholesale & Retail), I. O. O. F.  
bldg.

## DISTRICT OF COLUMBIA.

WASHINGTON—Barker Geo. M., 649 New  
York av, N W  
Cranford Paving Co., 2620 E, N W  
Hartig Louis 1001 7th N W  
National Mortar Co., 1st & M, N E

## FLORIDA.

DAYTONA—Maley R. S.  
EAU GAILLE—East Coast Lumber & Sup-  
ply Co.  
EUSTIS—Clifford G. D.  
GAINESVILLE—Baird Hdw. Co.

JACKSONVILLE—Baker & Holmes Co.  
Carolina Portland Cement Co.  
Gill & Mulholland  
Jacksonville Concrete Co.  
Logan Coal & Supply Co.  
Marshall & Spencer Co.  
KEY WEST—Curry's Wm. Sons Co.  
MIAMI—McDonald J. A. Co.  
ORLANDO—Bumby Jos. Hardware Co.  
PALATKA—Kennerly Hdw. Co.  
Merryday Grocery Co.  
PENSACOLA—Cary & Co.  
ST. AUGUSTINE—Hamblen C. F.  
ST. PETERSBURG—McCrea W. S. & Son  
SANFORD—Fernald Geo. H. Hardware Co.  
TAMPA—Knight & Wall Co.  
Phillips I. W. & Co.  
WEST PALM BEACH—Dade Lumber Co.  
Lainhart & Potter

## GEORGIA.

ATHENS—Athens Hardware Co.  
ATLANTA—Carolina Portland Cement Co.  
Kriegshaber V. H. & Son  
Randall Bros. Peters bldg.  
Sciple Sons W. Fair & Cen. R. R.  
AUGUSTA—McDaniel A. H.  
Peoples Lumber & Supply Co.  
Toole W. B.  
BISHOP—Fambrough Porter Co.  
BRUNSWICK—Coney & Parker Co.  
CARTERSVILLE—Ladd Lime & Stone Co.  
CEDARTOWN—Hall & Barr  
COLUMBUS—Beach Wm. Hardware Co.  
Bush Hardware Co.  
Cooper Lumber Co.  
Dudley Sash, Door & Lumber Co.  
Elledge & Norman Marble Co.  
Harvey W. T. Lumber Co.  
COMER—Gholston Bros.  
COMMERCE—Commerce Brick & Lum-  
ber Co.  
CONYERS—Still W. R.  
CORDELE—Cordele Sash, Door & Lumber  
Co.  
Hutchinson Lumber & Supply Co.  
CORNELIA—Ellard W. B.  
CRAWFORDSVILLE—Golucke C. H. &  
Son  
DALTON—Cherokee Mfg. Co.  
Farrar Lbr. Co.  
DAVISBORO—Aldred A. R. & Son  
DAWSON—Shields-Geise Lumber Co.  
DEXTER—Kennedy Jerome  
DUBLIN—Robinson-Ray Lumber Co.  
DULUTH—Lowe & Jones  
DUNWOODY—Copeland L. E. (Est.)  
FITZGERALD—Bryant Geo. H. & Son  
Graham F. M. & Co.  
FLOVILLA—Lynch T. O.  
HARALSON—Herndon & Thompson  
HARTWELL—Alford D. C.  
HAWKINSVILLE—Blount J. J.  
LA GRANGE—Pike Bros. Lumber Co.  
LAWRENCEVILLE—Ambrose J. A.  
LITHONIA—Almand A. J.  
McDONOUGH—Carmichael Lumber Co.  
MACON—Builders' Lumber & Supply Co.  
Burke T. C.  
Central Mfg. Co.  
Elder W. F. Lumber Co.  
Massee & Felton Lbr. Co.  
Wilder's R. C. Sons Co.  
Willingham Sash & Door Co.  
MANCHESTER—Corley J. P. Lumber Co.  
MILLEDGEVILLE—Walker W. A. & Co.  
MILNER—Warde P. T.  
MORROW—Mitchell P. E.  
MOUNTVILLE—Fuller J. D.  
ROME—O'Neill Mfg. Co.  
ROYSTON—Jordan R. P. & Son  
SASSER—Varner J. M.  
SAVANNAH—Builders' Mutual Supply Co.  
Butler J. G. Builders' Supply Co.  
Gallaher Louis Co.  
General Building Supply Co.  
Neal-Blun Co.  
STATESBORO—Franklin A. J.  
THOMASVILLE—Dillon J. W.  
Evans & Son  
THOMSON—Kendrick J. H. & M. B.  
WARRENTON—Morris J. F.  
WAYNESBORO—Herrington C. L.  
WESTPOINT—Batson-Cook Co.  
WINDER—Young W. E.  
WOODSTOCK—Robertson J. T.  
WRIGHTSVILLE—Jenkins U. R.

## HAWAII.

HONOLULU—Lewers & Cooke (Ltd.)

When writing to firms listed  
in this book please, mention  
**HENDRICKS'**  
**COMMERCIAL RECISTER**



## IDAHO.

BOISE—Ridenbaugh W. H.

## ILLINOIS.

ALEDO—Carroll Guy H.  
 ALTON—Miller Lime & Cement Co.  
 AURORA—Aucutt Bros.  
   Brown H. D. & Co.  
   Dalton J. D. & Son  
   Hanna & Todd  
   McCredie James  
   Seamans S. D.  
   White & Todd  
 BARRINGTON—Lageschulte & Hager  
   Lamey & Co.  
 BATAVIA—Alexander Lumber Co.  
   Barker W. P.  
 BEAVERVILLE—Lambert H. Co.  
 BELLEVILLE—Bien & Peters  
   Reeb Bros.  
 BELVIDERE—Wright O. H. & Co.  
 BEMENT—Wilkinson A. L. & Co.  
 BLOOMINGTON—Harwood W. S. Lum-  
   ber & Coal Co.  
   Parker Bros.  
   White Sam'l R. Mfg. Co.  
 BUSHNELL—Simpson James C. & Co.  
 CAIRO—Halliday H. H.  
   Langan P. T. Lumber Co.  
 CARLINVILLE—Woodward C. T.  
 CARROLLTON—Widdowson J. M.  
 CARTHAGE—Helfrich N. J. & Co.  
   Lyon W. E. & Co.  
 CATLIN—Jones A. Sons  
 CHAMPAIGN—Stipes & Hecker  
 CHANDLERVILLE—Goodell Skiles Lum-  
   ber Co.  
 CHARLESTON—Fuller Bros.  
 CHATSWORTH—Walter Geo. J.  
 CHICAGO—Artesian Stone & Lime Works  
   Co., Grand & Campbell avs  
   Atlas Portland Cement Co. (Mfrs.),  
   134 N La Salle  
   Blocki-Brennan Refining Co., 11 N  
   La Salle  
   Bonner & Marshall Brick Co., 133 W  
   Washington  
   Bos John N. Sand Co. (Sand), 118 N  
   La Salle  
   Calumet Coal & Teaming Co., 9022  
   Commercial av  
   Carpenter Geo. T. (Sewer Pipe, etc),  
   1001 S Karlov av  
   Chicago Fire Brick Co., 133 W Wash-  
   ington  
   Chicago Portland Cement Co. (Ce-  
   ment Mfrs.), 30 N La Salle  
   Chicago Union Lime Works Co., 1900  
   W 19th  
   Chicago & Oak Park Supply Co., For-  
   est Park  
   Dee Wm. E. Co. (Sewer Pipe), 30 N  
   La Salle  
   Dolese & Shepard Co., 108 S La Salle  
   Druecker N. J. & Co., 2634 N Ar-  
   tesian av  
   Frerk Henry Sons, 3135 Belmont av  
   Garden City Sand Co., Chamber of  
   Commerce bldg  
   German American Portland Cement  
   Works (Cement Mfrs.), 140 S  
   Dearborn  
   Jenkins & Reynolds Co.  
   Lake Building Material Co., 2144 W  
   47th  
   Longwell Teaming & Storage Co., 2245  
   Lumber  
   McLaughlin Bldg. Material Co., 29 S  
   La Salle  
   Marblehead Lime Co., 159 N State  
   Meacham & Wright Brick Co. (Ce-  
   ment), 133 W Washington  
   Moustgaard M., 2016 N Kostner av  
   North West Material Co., 3690 Mil-  
   waukee, W  
   Paul D. W. & Co., 11842 Parnell av  
   Raschke O. F., 3600 S Winchester av  
   Richardson Sand Co., 6647 Ridge av  
   Rockwell Lime Co., 133 W Washing-  
   ton  
   Rosing Astrid S., 111 W Monroe  
   Standard Material Co., 607 W 66th  
   Stearns Lime & Stone Co., 160 W Ran-  
   dolph  
   Templeton Lime Co., 1019 N Homan  
   av  
   Thomas Moulding Brick Co., 133 W  
   Washington  
   *See adv index at end of book*  
   Tobin T. M. & Bros. Co., 9326 S Chi-  
   cago av  
   Tuthill Building Material Co., 131 W  
   63d

Universal Portland Cement Co.  
   (Mfrs.), 208 S La Salle  
   Viall O. A., 11820 S Union av  
   Waukesha Lime & Stone Co., 1755  
   Monticello av  
   Co.  
   Williams N. A. Co. (Sewer Pipe, etc),  
   133 W Washington  
   Wisconsin Lime & Cement Co., 133 W  
   Washington  
 CHICAGO HEIGHTS—Leising Jos. F. &  
   Co.  
 CICERO—Cicero Fuel & Building Mate-  
   rial Co.  
 CLINTON—Kent E. & Co.  
 DANVILLE—Danville Lime & Cement Co.  
   Hill Frank L.  
   Holden N. E.  
   Swisher S. P.  
   Trent Bros.  
 DECATUR—Decatur Bldrs.' Supply Co.  
   Decatur Lumber & Mfg. Co.  
   Lyon G. S. & Sons Lumber & Mfg. Co.  
   McGavic Lumber Co.  
   Macknet Dan. C.  
   Swisher L. Lumber Co.  
 DIXON—Wilbur Lumber Co.  
 EAST ST. LOUIS—Acme Cement Plaster  
   Co., Weber & Southern R. R.  
   Flannery P. & Son, State & Belt Line  
   Hill-Thomas Lime & Cement Co.  
 EDWARDSVILLE—Hotz Lumber Co.  
 ELGIN—Adams Fred M.  
   Bosworth F. S. & Son  
   Geister Bros.  
   McBride T. & Son  
 EL PASO—McKinney & Co.  
 EVANSTON—Evanston Bldg. Matl. Co.  
   Mathews Jas.  
 FAIRFIELD—Fairfield Lumber Co.  
 FLANAGAN—Litchfield Bros.  
 FREEPORT—Brubaker B. F.  
 FULTON—Snyder J. C.  
 GALESBURG—Hinchliff Lumber Co.  
   Simpson & McClure Lumber Co.  
   Terry W. E. Lumber Co.  
 GALVA—Houghton E. W. Lumber Co.  
 GENESEE—Goss W. & Co.  
 GRANITE CITY—Granite City Lime & Ce-  
   ment Co.  
 GRAYSLAKE—Wilbur F. C., Lumber Co.  
 GREENFIELD—Entrekin J. H.  
 GREENVIEW—Tripp Bros.  
 HAMPSHIRE—Kirchoff Bros.  
 HARVARD—Hall W. D.  
   Lake-Harris  
 HIGHLAND PARK—Middleton & Clark  
 HIGHWOOD—Highwood Mfg. Co.  
 HINCKLEY—Pogue Lumber Co.  
 HOOPESTON—Illinois Lumber, Grain &  
   Coal Co.  
 HUME—Lyons Lumber Co.  
 JACKSONVILLE—Andrews Bros.  
 JOLIET—Buck Werden  
   Hayes A. W.  
   Patterson T. H. (Est. of)  
 KANKAKEE—Kankakee Tile & Brick Co.  
   Ruhle Christian  
 KEWANEE—Johnston Lumber Co.  
 KEYESPORT—Langham Wm.  
 LANARK—Wilbur Lumber Co.  
 LA SALLE—Elliott Hayden & Co.  
   Hunter, Stevens & Co.  
 LEMONT—Derby S. L.  
 LINCOLN—Spellman & Co.  
 LOAMI—Baker George W.  
 McLEAN—Dodgson L. P. & Son  
 MENDON—Nutt Walter J. Lumber Co.  
 METROPOLIS—Gibbons A. J.  
 MILFORD—Jones Bros.  
 MINONK—Kipp A. B. & Co.  
 MOLINE—Mueller Lumber Co.  
   Wood's Beder Sons Co.  
 MONMOUTH—McCullough Lumber & Coal  
   Co.  
 MONTICELLO—Lodge W. F.  
 MORRISON—Potter M. H. & Sons  
 MOUNT CARROLL—Rhodes Bros.  
 MOUNT MORRIS—Clevidence A. E.  
 NASHVILLE—Weihe W. O.  
 NEWMAN—Thomas H. L.  
 NORTH CRYSTAL LAKE—Wilbur Lum-  
   ber Co.  
 OAK PARK—Davis W. G. Coal Co.  
   Suburban Coal & Supply Co.  
 PARIS—Risser A. & Co.  
   Logan John A. & W. B.  
   Logan William S.  
   Propst Lumber Co.  
 PEKIN—Conklin Reuling Co.  
   Lampitt Ed. F.  
 PEORIA—Mackemer J. W. & Co.  
   Miller Jos. & Sons  
   Peoria Builders' Supply Co.  
   Peoria Fuel Co.  
   Wasson T. J.

PERU—Maze W. H. Co.  
   Zimmermann Christian & Co.  
 PONTIAC—Smith F. N.  
 PORT BYRON—Port Byron Lime Ass'n  
 PRINCETON—Davis & Hopkins Lumber  
   Co.  
 QUINCY—Heidemann Lumber Co.  
   Meyer W. D.  
   Quincy Lumber Co.  
 ROCK FALLS—Johnston Lumber Co.  
   Smith & Grater  
 ROCKFORD—Bartlett A. L. Co.  
   Hart & Page  
   Parsons Lumber Co.  
   Rockford Builders' Supply Co.  
   Rockford Lumber & Fuel Co.  
   Safford G. N. & Co.  
   Skandia Coal & Lumber Co.  
 ROCK ISLAND—Mueller Lumber Co.  
   Port Byron Material & Fuel Co.  
   Rock Island Sand & Gravel Co.  
 SANDWICH—Lindner P. S. & Co.  
   Mosher & Castle  
 SPRINGFIELD—Irwin H. C.  
   Schuck J. H. & Son  
   Vredenburgh Peter Lumber Co.  
 STERLING—Dillon Moses Co.  
   Simpson J. C. & Co.  
   Stoeckle W. A.  
 STREATOR—Ames J. C. Lumber Co.  
   Anthony Mark  
   Schlachter Phillips, Jr.  
   Streator Lumber Co.  
   Williams Hardware Co.  
 SYCAMORE—Holcomb Bros.  
   North Side Lumber Co.  
 URBANA—Huff S. E. & Co.  
   Stipes & Hecker  
 UTICA—Utica Hydraulic Cement Co.  
 VERMILION—Hornberger J. A. & Son  
 WARREN—Taylor C. F.  
 WATERMAN—Pogue Lumber Co.  
 WHEATON—Sutcliffe's John Sons  
   Wheaton F. E. & Son  
 WOODLAND—Anderson James E.

## INDIANA.

ALEXANDRIA—Brannum Lumber Co.  
 ANDERSON—Bailey J. W. & Co.  
   Vernon E. G. & Son  
 ANGOLA—Shank Daniel Lumber Co.  
 AUBURN—Auburn Lumber Co.  
   Brandon Lumber Co.  
 BLOOMINGTON—Bloomington Coal Co.  
   Hughes Bros. Co.  
 BOONVILLE—White C. P. Lumber Co.  
 BRAZIL—Halsted J. N. Lumber Co.  
 BROOK—Brook Building & Supply Co.  
 BROOKVILLE—Masters J. H. & Son  
 CARLISLE—Risinger Thomas  
 CICERO—Cicero Lumber Co.  
 COLUMBIA CITY—Kessler S. E.  
 COLUMBUS—Dunlap & Co.  
   Hege & Co.  
 CRAWFORDSVILLE—Binford Joseph &  
   Sons  
 DECATUR—Kirsch, Sellemeyer & Sons Co.  
 EARL PARK—Wilbur Lumber Co. (See  
   Milwaukee, Wis.)  
 EAST CHICAGO—Flack Bros.  
 ELKHART—Consumers Coal & Supply Co.  
   Godfrey B. C. & Sons  
   Sanders Coal Co.  
 ELWOOD—Winters Lumber Co.  
 EVANSVILLE—Baird's S. L. M. Sons  
   Lensing Bros.  
   Sonntag Geo. W.  
 FAIRMOUNT—Mercer, Brannun & Beving-  
   ton Co.  
 FORT WAYNE—Baltes E. M. & Co.  
   Fort Wayne Builders' Supply Co.  
   Moellering's Wm. Sons  
 FRANKFORT—Archey Brant Coal Co.  
   Kramer Bros. Co.  
   Morris Wm. G. & Bro.  
 GOSHEN—Davis C. A. & Son  
   Neidig Chas. E.  
 GREENSBURG—Pulse & Porter  
 GUILFORD—Taylor T. S.  
 HAMLET—Dye Lumber Co.  
 HAMMOND—Beckman Supply Co.  
   Bieker Bros. Co.  
   City Fuel & Supply Co.  
 HEBRON—Wilson John  
 HOBART—Barnes & Shearer  
 HUNTINGTON—Ohio & Western Lime Co.  
 INDIANAPOLIS—A. & E. Stone & Lime  
   Co., 17 N Pennsylvania  
   Aldag F. W. Co., E Washington & Belt  
   Bennet W. S. & Co., 30th & L. E. & W.  
   Ry  
   Builders' Supply Corporation, 342 E  
   Washington  
   Consolidated Indiana Coal Co., 404  
   Trac Term



Day W. Curtis, Fletcher Sav. & Trust bldg  
 Dell Frank M., S E cor Cruse & South-eastern av  
 General Builders Supply Co., Merchants blk  
 Goepper Fred, 445 N Holmes av  
 Indianapolis Coal Co., 234 Newton  
 Indianapolis Mortar & Fuel Co., 407 Odd Fellow  
 Irvington Coal & Lime Co., 5643 Bonna av, Irvington  
 Keepport A. B. & Co., 620 N Senate  
 Master Builders Co., Merchants Bank bldg  
 Meyer A. B. & Co., 17 N Penn  
 Vonnegut Hardware Co. (Roofing & Paper), 120 E Washington  
**KNOX**—Long-Thompson Co.  
**KOKOMO**—Ellis Bros.  
 Kokomo Hardware Co.  
 Tate Geo. D. & Son  
**LAFAYETTE**—Lyman Harry B.  
**LA GRANGE**—Stroup P. N. & Co.  
**LAPORTE**—Moore & Richter Lumber Co.  
 Van Cooperage John P.  
 Wilson W. Lumber Co.  
**LAWRENCEBURG**—Barrott E. & Son  
 Lawrenceburg Lumber Co.  
**LEWISVILLE**—Smith R. R. Sons  
**LINTON**—Greer-Wilkinson Lumber Co.  
 New Union Lumber Co.  
**LOGANSPOUT**—Barnes Jas. I.  
 Dilley Clinton L. Co.  
 Stalnaker W. S.  
**LOWELL**—Wilbur Lumber Co.  
**MADISON**—Miller W. H. & Sons  
**MARION**—Byrd Lumber Co.  
 Contractors' Supply Co.  
 Marion Hardware Co.  
 Simpson William S.  
 Southall & Co.  
**MARTINSVILLE**—Rutledge Hugh E.  
**MICHIGAN CITY**—Gotto O. W.  
 Michigan City Lumber & Coal Co.  
**MITCHELL**—Mitchell Lime Co.  
**MONROE**—Berne Lumber Co.  
**MORGANTOWN**—Mitchell W. H.  
**MUNCIE**—Holderfield Supply Co.  
 Muncie Builders' Supply Co.  
**NEW ALBANY**—Slider E. T.  
**NEW HAVEN**—New Haven Lumber & Supply Co.  
**NORTH LIBERTY**—North Liberty Lumber & Coal Co.  
**NORTH VERNON**—N. V. Lumber Co.  
**PERU**—Goodall J. B. & Sons Co.  
 Peru Lumber Co.  
 Wilkinson Pomeroy  
**PETERSBURG**—Drof Peter  
**PLYMOUTH**—Morris C. L.  
 O'Keefe Lumber Co.  
**POSEYVILLE**—Cushman W. D.  
**RENSSELAER**—Day Hiram  
 Rensselaer Lumber Co.  
**RICHMOND**—Hackman, Klehfoth & Co.  
 Jones Hardware Co.  
 Mather Bros. Co.  
**ROCHESTER**—Barcus G. F.  
**ROCKFIELD**—Van Gundy & Thomas  
**ROCKPORT**—Partridge C. M. & W. A.  
**ROCKVILLE**—Dooley Hardware Co.  
 Roach Wm.  
**ROSEDALE**—Ferguson & Hunt  
**SHELBYVILLE**—Parrish J. O. Lumber Co.  
**SHERIDAN**—Palmer George H.  
**SOUTH BEND**—Defrees C. H.  
 Eckler Henry Mfg. Co.  
 Lontz S. C. & Sons  
 McErlain & Jackson Co.  
 Staples-Hildebrand Co.  
**SOUTH WHITLEY**—Lee Geo.  
**SUMMITVILLE**—Cartwright Thomas Edgar  
**TERRE HAUTE**—Acme Coal & Lime Co.  
 Bray Bros.  
 Reiman Lime & Cement Co.  
**TOPEKA**—Priest J. W.  
**UNION CITY**—Fisher S. J.  
 Haselmire John J.  
 Interstate Building Material Co.  
**VALPARAISO**—Dille & Harris  
 McFerrick Lumber & Coal Co.  
**VEVAY**—Detraz Bros.  
**VINCENNES**—Bosworth M. A. Lumber Co.  
**WABASH**—Smith Hubbard Lumber Co.  
 Yarnelle Lumber & Coal Co.  
**WANATAH**—Pash Martin  
**WARREN**—Cline Lumber Co.  
**WINGATE**—Hunter W. H.

## IOWA.

**ACKLEY**—Frudden Lumber Co.  
**BURLINGTON**—Berhard Mercer Co.  
 Phillips Lime & Coal Co.  
 Rand Lumber Co.  
**CEDAR RAPIDS**—Fulkerson J. C.  
 Hawkeye Lumber & Coal Co.  
 Iowa Stone Co.  
 King's Crown Plaster Co.  
 Linn County Lumber & Coal Co.  
**CHARITON**—Stewart G. J. & Co.  
**CHEROKEE**—Weart & Lysaght Co.  
**CLARINDA**—Richardson G. W.  
**COLUMBUS JUNCTION**—Reaney & Eliason  
**COUNCIL BLUFFS**—Bluffs City Lumber Co.  
 Hafer C. Lumber Co.  
 Hoagland Geo. A.  
 Quinn H. A. Lumber Co.  
**CRESTON**—Green Bay Lumber Co.  
**DAVENPORT**—Abel Lime & Cement Co.  
 Block W. G. Co.  
 Builders' Lime & Cement Co.  
 Davenport Granitoid Co.  
 Denger Bros.  
 Interstate Material Co.  
 McCosh & Co.  
 Mueller Lumber Co.  
 Seiffert H. O. Lumber Co.  
**DES MOINES**—Cram Frank & Sons  
 Des Moines Building Material Co.  
 Des Moines Fuel & Lime Co.  
 Jewett Lumber Co.  
**FAIRFIELD**—Cable G. W., Jr.  
**FORT DODGE**—Citizens' Lumber Co.  
 Conway Lumber Co.  
 Mason & O'Connell  
 Williams E. H. Lumber Co.  
**IOWA CITY**—Leimbaugh W. F.  
**IOWA FALLS**—Miller-Lampert Co.  
 Stewart W. M. Lumber Co.  
**KEOKUK**—Cameron's Jas. Sons  
 McNamara's J. Sons  
 Mississippi Coal & Ice Co.  
**LE MARS**—Moore M. A. Co.  
**LYONS**—Joyce Lumber Co.  
**MARSHALLTOWN**—Buchwald Chas. A. Lumber Co.  
 Cartwright T. C.  
 Citizens Lumber Co.  
 Gregory Coke Coal & Lime Co.  
**NEW HAMPTON**—Bigelow & Denovan  
**NEWTON**—Jasper Lumber Co.  
**OSKALOOSA**—Gilchrist M. D.  
**OTTUMWA**—Tisdale Lumber Co.  
**SIOUX CITY**—McNell H. C. & Son  
 Queal J. H. & Co.  
 Webb Bros Co.  
**SPENCER**—Floote Lumber Co.  
**WATERLOO**—Bartlett & McFarlane  
 Bryant W. A. & Sons Co.  
 Canfield Lumber Co.  
 Chapman C. W. Lbr. Co.  
 Moore & Moore  
 Shepherd Lumber Co.  
 Waterloo Lbr. Co.  
**WEBSTER CITY**—Young & Clifton  
**WEST UNION**—Graham & Schenck

## KANSAS.

**ATCHISON**—Carlisle-Pennel Lumber Co.  
**CLEBURNE**—Toburen & Co.  
**ELLSWORTH**—Lake Superior Lumber Co.  
**EMPORIA**—Emporia Lumber & Coal Co.  
**FULTON**—Fulton Lumber Co.  
**HANOVER**—Thiele E. W.  
**HAYS**—Schwaller's C. Sons  
**HOLTON**—Brown & Hedge  
**HUMBOLDT**—Osborn J. H. Lumber Co.  
**HUTCHINSON**—Hutchinson Lbr. & Planing Mill Co.  
 Kansas Lumber Co.  
 White L. J. Lbr. Co.  
**IOLA**—Klein Paul  
 Northrup Lbr. Co.  
**JUNCTION CITY**—Geary County Lumber Co.  
 Moses, Geo. C. & Son  
**KANSAS CITY**—Badger Lumber Co.  
 Wyandotte Coal & Lime Co.  
**LEAVENWORTH**—Geiger A. M. Cement Co.  
**McPHERSON**—Lake Superior Lumber Co.  
 Sudendorf H. H.  
**NESS CITY**—Daniel F. W.  
**NEWTON**—Newton Lumber Co.  
 Swartz S. M. Lumber Co.  
**OBERLIN**—Foster Lumber Co.  
**OTTAWA**—Halloren J. Lumber Co.  
 Harris M. R.

**PARSONS**—Clark & Bates Lumber Co.  
**PHILLIPSBURG**—Smith Theo. & Son  
**SALINA**—Eberhardt Lumber Co.  
 Leidigh & Havens Lumber Co.  
 Sudendorf H. H.  
**STERLING**—Fair D. J. Lumber Co.  
**TOPEKA**—Thomas J. & Son  
**VALLEY FALLS**—Legier, Mell & Son  
**WALTON**—Moorhead A. R.  
**WAVERLY**—Star Grain & Lumber Co.  
**WICHITA**—Turner J. H.

## KENTUCKY.

**ASHLAND**—Ashland Cement Construction Co.  
 Ohio Valley Mill & Supply Co.  
**COVINGTON**—Kenton Supply Co.  
 Spinks T. W. Co.  
**DAYTON**—Walter Anton Supply Co.  
**GLASGOW**—Dickinson Bros.  
**LEXINGTON**—Des Cognets Louis & Co.  
 Hendricks-Moore-Young Co.  
 Justice F. T. & Co.  
**LIVERMORE**—Atherton G. W.  
**LONDON**—London Mfg. Co.  
**LOUISVILLE**—Bannon P. Pipe Co.  
 Kentucky Wall Plaster Co.  
 Speed J. B. & Co.  
 Union Cement & Lime Co.  
**MADISONVILLE**—Ruby Lumber Co.  
**NEWPORT**—Allen M. M. Supply Co.  
**OWENSBORO**—Guenther Hardware Co.  
**PADUCAH**—Barry & Henneberger  
 Katterjohn F. W. Cons. Co.  
**SHELBYVILLE**—Gruber & Doss  
 Hall & Chowning  
 Hall & Crume  
**VANCEBURG**—Cox John & Son  
**VERSAILLES**—Berryman C. M.  
 Wooldridge Bros.

## LOUISIANA.

**BOGALUSA**—Bogalusa Mill & Supply Co  
**BREAUX BRIDGE**—Begnaud J. W.  
**BUNKIE**—Haas W. D. & Co.  
**DONALDSONVILLE**—Lemann B. & Bro  
**HAMMOND**—Spencer L. D.  
**JENNINGS**—Clarke Chas. A.  
**LAFAYETTE**—Mouton Lumber Co.  
**LECOMPTÉ**—Wiley E. W., Jr.  
**MONROE**—Monroe Grocer Co. (Ltd.)  
 Monroe Hardware Co.  
 Southern Grocer Co. (Ltd.)  
**MORGAN CITY**—Dalton Jno. Co. (Ltd.)  
 Loeb Leopold & Sons  
**NEW ORLEANS**—Carolina Portland Cement Co., Clara & Clie  
 Clarke J. J. Co., Ltd., 1111 Julia  
 Demourelle Jas. & Sons, 1035 Toulouse  
 Feltel Maurice, 3722 Tulane av  
 Ford F. Codman, 738 Union  
 Garnier Emile, 1601 Robertson  
 Jahncke Fritz, 814 Howard  
 Judlin Peter, 2331 N Rampart  
 Kearny J. Watts & Sons, 514 S Peters  
 Kracke & Flanders, 819 Julia  
 Prados Henry J. & Son, 1426 Hospital  
 Roca Joseph V. Lumber & Hardware Co., 1533 Carondelet Wlk  
 Thompson Edward, 916 Thayer  
 Tupper Allen, 625 S Peters  
 Woodward, Wight & Co. Ltd., Howard av & Constance  
 Zimmermann Building Specialty Co., (Ltd.), 2131 Magazine  
**SHREVEPORT**—Allen Mfg. Co. (Ltd.)  
 Ardis & Co. (Ltd.)  
 Builders Supply Co.  
 Henderson W. K. Iron Works & Supply Co.  
 Hicks Co. (Ltd.)  
 Lee Hardware Co. (Ltd.)

## MAINE.

**AUGUSTA**—Purinton Bros. Co.  
**BANGOR**—Cassidy Jno. & Son  
 Dunning R. B. & Co.  
 Eastern Cement Co.  
**BATH**—Nichols Read Co.  
**BELFAST**—Cooper & Co.  
**BENTON**—Brown J. E.  
**BIDDEFORD**—Banks Bros.  
**BLUE HILL**—Westcott W. B.  
**CAMDEN**—Camden Lumber Co.  
**CUMBERLAND MILLS**—Goff E. W.  
**HALLOWELL**—Wingate Frank S.  
**LEWISTON**—Hall & Knight Hardware Co.  
 Hayes J. L. & Co.  
**OLDTOWN**—Dickey H. M.  
 Old Town Supply Co.  
**PORTLAND**—Chase Charles S. Co.  
**ROCKLAND**—Glover W. H. Co.  
 Spear F. R.



ROCKPORT—Bryant Edw. Co.  
WATERVILLE—Flood Geo. S. & Co.  
WESTBROOK—Brooks E. S.

## MARYLAND.

ANNAPOLIS—Gardiner W. B. Co.  
Martin C. W. Co.  
Parlett & Partlett Co.  
BALTIMORE—Bullock John S. Lime &  
Cement Co., 510 Colvin  
Clarke Wm. Wirt & Son, Monument &  
Forest  
Eareckson Wm. M., 814 N Stricker  
Eastern Supply Co., Phila. rd & 8th  
Elenbrok Caroline, 2104 Fkd. av.  
Filbert Paving Co., Old Builders' Ex-  
change  
Franklin Contracting Co., 1504 W Sara  
Gault Wm. A. & Son, 9 E Lexington  
Green Robert S., 3232 Frkd. av ext  
Hudson Cement & Supply Co., Balti-  
more, nr 5th av  
Maryland Lime & Cement Co. (All  
Kinds), N E cor Cent & Eastern  
avs  
National Building Supply Co., North  
av & Oak  
N. Eastern General Supply Co.,  
Gunter bldg  
Spengemann Bros., 304 N Central av  
Sunner & Gerlach, 1401 N Register  
Tyler & Seager, 315 N Charles  
BEL AIR—McComas Bros.  
BROOKLYN—Geis Jno. H. & Co.  
EASTON—Dixon Robert B. & Co.  
ELLCOTT CITY—Talbot E. A.  
FREDERICK—Maryland Brick & Supply  
Co.  
HAGERSTOWN—Cushwa Victor & Sons  
HYATTSVILLE—Magruder W. P.  
LAUREL—Shaffer C. F. Lumber Co.  
Waters Geo. W. Co.  
WILLIAMSPORT—Cushwa Victor & Sons

## MASSACHUSETTS.

ARLINGTON—Pierce & Winn Co.  
ATHOL—Paige C. F. & Co.  
ATTLEBORO—Ashley M. F. & Co.  
Carpenter Coal & Lumber Co.  
BEVERLY—Harrigan John J.  
Sprague, Breed & Brown Co.  
BOSTON—Berry & Ferguson, 159 Devon-  
shire  
Boston Building Materials Co., 370  
Albany  
Bryant Edw. Co., 23 Central  
Curtis & Pope Lumber Co., 774 Albany  
Eastern Clay Goods Co., 141 Milk  
Fiske & Co., 25 Arch  
Hannon F. J., 146 Summer  
Harlow William H. & Sons, 95 Pierce  
Lash A. F. Co., 25 D  
Lewis D. W. Co., 24 Milk  
Manson Bldg. Materials Co., 44 Brom-  
field  
Mullen W. B., 319 Washington  
Norcross W. C. Co., 486 Albany  
O'Connell J. P. & Co., 174 Freeport  
Portland Stone Ware Co., 49 Federal  
Ramsay John W., 161 Devonshire  
Rockland & Rockport Lime Co., 45  
Milk  
Spiers Brick Co., 79 Milk  
Starrett, Fields Co., 809 Mass. av  
Stetson, Cutler & Co. (Lime), 70 Kilby  
Waldo Bros., 45 Batterymarch  
Weston W. M. Co., 120 Milk  
Windsor Cement Co., 446 Albany  
BROCKTON—Mitchell Isam & Co.  
CAMBRIDGE—Clark Bros.  
Mass. Lime & Cement Co.  
CHELSEA—Chelsea Coal & Cement Co.  
Phillips & Hodgdon  
CLINTON—Fuller Wm. A.  
DANVERS—Ropes Bros.  
DEDHAM—Fisher, Churchill Co.  
FALL RIVER—Borden, Guiney & Ken-  
dall Co.  
Borden & Remington Co.  
Neill J. O. Hardware Co.  
Staples Coal Co.  
Wilson Jas. H.  
FITCHBURG—Dillon D. M.  
Fitchburg Hardware Co.  
FRAMINGHAM—Framingham Coal Co.  
Framingham Lumber Co.  
Standard Coal Co.  
Swan A. D.  
FRANKLIN—Metcalf O. F. & Sons  
GARDNER—Davis Hardware Co.  
Favor Frank M.  
GLOUCESTER—Cape Ann Lumber Co.  
Griffin & Co.  
Nauss L. B. Sons

HAVERHILL—Chase D. D. Lumber Co.  
Taylor-Goodwin Co.  
HINGHAM—Kimball Geo. E.  
Whitney Everett E.  
HOLYOKE—Burnham C. G.  
Lynch Bros. Brick Co.  
O'Connell's D. Sons  
Prentiss, Brooks & Co.  
Ranger Casper Lumber Co.  
HUDSON—Robertson & Larkin  
HYDE PARK—Darling F. W. Co.  
LAWRENCE—Gage G. L., 263 Common  
Lawrence Lumber Co.  
O'Mahoney M.  
Theberge Bros.  
Treat Hdw. & Supply Co.  
LEE—Heaphy Wm. A.  
LOWELL—Barton Cyrus  
Bennett Jno. C.  
Cawley Edward  
Connors Bros. Co.  
Mullin Jos.  
Sherman-Moore Co.  
Staples Bros.  
Sullivan D. T.  
Wilson E. A. & Co.  
LUDLOW—Burr & Munsing  
LYNN—Lamper J. B. & W. A.  
Peoples Coal & Masons' Supply Co.  
Whittredge W. C. & Co.  
MALDEN—Jordan Lumber Co.  
Kaulback W. S.  
Locke Coal Co.  
Malden City Lumber Co.  
Neville Thos. J.  
MARBLEHEAD—Martin J. S. Co.  
MEDFORD—Cowen J. N. & Co.  
MELROSE—Benson Coal Co.  
Goss C. B. & F. H.  
MILFORD—Curtiss Harold M. Coal Co.  
NANTUCKET—Swain William T. & Co.  
NATICK—Robinson & Jones Co.  
Whitney E. & Co.  
NEPONSET—(See Boston)  
NEW BERFORD—Denault Moses & T.  
Arthur  
Greene & Wood  
Paine S. S. & Bro.  
Paisler & Willis  
NEWTONVILLE—Nonantum Coal Co.  
NORTH ADAMS—Burlingame & Darbys  
Co.  
NORTHAMPTON—Bailey W. A.  
Sullivan J. A. & Co.  
ORANGE—Orange Hdw. Co.  
Potter A. D.  
PALMER—Flynt Building & Construction  
Co.  
PITTSFIELD—Gamwell C. C.  
Howard Frank  
PLYMOUTH—Atwood Anthony  
Atwood-Robbins Lumber Co.  
Sampson Ernest L.  
PROVINCETOWN—Days F. A. & Sons  
Dyer B. H. & Co.  
QUINCY—Crane F. H. & Sons  
Richards A. J. & Son  
READING—Bancroft, Wendell & Co.  
ROCKLAND—Culver A. Co.  
SALEM—Langmaid J. P. & Sons, 311  
Derby  
Waters & Brown  
SHELBURNE FALLS—Newell H. & Co.  
SOMERVILLE—Highland Coal Co.  
Sparrow E. S. & Co.  
SOUTHBRIDGE—Winter G. C.  
SPRINGFIELD—Puffer H. C. Co.  
Shea T.  
Springfield Contractors' Supply Co.  
TAUNTON—Presbrey Stove Lining Co.  
Sanders Lumber Co.  
Staples Coal Co.  
TURNERS FALLS—Webster F. I.  
UXBRIDGE—Harris William M.  
WALTHAM—Buttrick Lumber Co.  
Carney J. Coal Co.  
Waltham Coal Co.  
WAREHAM—Greer Edwin K.  
Gurney Ansel S. & Co.  
WATERTOWN—Pevear W. H. & Co.  
Watertown Lumber Co.  
WESTFIELD—Gladwin & Lane  
Mahoney P. J.  
WEST NEWTON—Eddy C. F. Co.  
WEST STOCKBRIDGE—Grangers Lime  
Co.  
New England Lime Co.  
Tobey Lime Co.  
WINCHESTER—Blanchard George W. &  
Co.  
WOBBURN—Barker Lumber Co.

WORCESTER—Marsh B. F. Co.  
Powers Frank E. Co.  
Smith, Green Co.  
Streeter & Sons

## MICHIGAN.

ADRIAN—Matthes Bros.  
Stevenson F. A.  
ALBION—Gibbs & Sanders  
ALPENA—Collins Phelps  
ANN ARBOR—Rohde W. H. L.  
BANGOR—Broadwell William M.  
BATTLE CREEK—Kirkpatrick W. J.  
Stiles I. H.  
BAY CITY—Clue Coal & Supply Co.  
Williams A. S. & Co.  
BENTON HARBOR—Robbins W. P.  
BESSEMER—Hansen Cornelius  
BIG RAPIDS—Sloss Wm. J. & Son  
BRIGHTON—Hyne F. T. & Son  
CARO—Van Tine G. N.  
CARSON CITY—Rockafellow Grain Co.  
CASSOPOLIS—Hayden W. B. & Sons Co.  
COLDWATER—Pollock S. & Son  
COLEMAN—Simons T. B. Mercantile Co.  
DEARBORN—Wallace M. B.  
DETROIT—Boomer I. E., Forest & De-  
quindre  
Brown & Brown Coal Co., Washington  
Arcade  
Calvert's J. Sons, 145 Griswold  
City Concrete & Coal Co., 936 Wood-  
ward av  
Cooper A. & W., 1318 Gratiot av  
Dickinson H. H. Builders Supply Co.,  
1140 14th av  
Gregg Hardware Co., 44 Cadillac sq  
Goddard F. H., 520 Franklin  
Heames W. E. & Co.  
Holmes F. B. & Co., Penobscot bldg  
Kennedy J. D. & Co., Dime Bank bldg  
Little Chas. H. Co., Dock River Rouge  
McGraw Plaster Co., Free Press bldg  
Meyer R. M., 3010 Jefferson av W  
Michigan Builders Supply Co., Dequin-  
dre & Forest  
Sibley F. M. Lumber Co., Kercheval &  
Beaufait  
Steffes M. Son, Penobscot bldg  
Steinhelser Christian P., 1110 E Grand  
blvd  
Stevens Frederick B., 3rd & Larned  
Thomas Bros. & Co., Ltd., Hammond  
bldg  
DOWAGIAC—Bishop Hardware Co.  
Judd Wm. F.  
EATON RAPIDS—Webster H. P. & Sons  
ESCANABA—Nee Coleman  
FLINT—Dain & Vermilya M.  
Flint Coal Co.  
Matthewson Fred G.  
Randall Lumber & Coal Co.  
FOWLERVILLE—Rounsville F. G.  
GRAND LEDGE—Astley T. W.  
Doty & Doty  
GRAND RAPIDS—Battjes Fuel & Build-  
ing Material Co.  
Boer James  
Himes Albert Coal Co.  
Home Fuel Co.  
Hulst & Van Heulen Fuel Co.  
Hyde Albert & Son  
Knowlson A. B. Co.  
Morman S. A. & Co.  
Wykes-Schroeder Co.  
HILLSDALE—Aldrich G. A. & Co.  
HOLLY—Hudson M. M.  
HOUGHTON—Van Orden Matthew Co.  
HUDSONVILLE—Hughes B. & T. (Also  
Saw Mill)  
IMLAY CITY—Walker Walter & Co.  
IONIA—Page W. C. Wirtz Co.  
IRON MOUNTAIN—Holfeltz J. R. Co.  
ISHPEMING—Consolidated Fuel & Lbr.  
Co.  
JACKSON—Bartlett J. E. Co.  
Lake Robert Co.  
Wilcox Stanley  
KALAMAZOO—Darling Wm. P.  
Dewing & Sons  
Sales James A.  
LAPEER—Cutting Frank R.  
MANISTEE—Buckley & Douglass Lumber  
Co.  
MANISTIQUE—White Marble Lime Co.  
MARQUETTE—De Haas N. G.  
MASON—Mickelson Carl P.  
MENOMINEE—Lyon Bros.  
MONROE—Hurd Geo. R. Co.  
Radtko Co.  
MOUNT CLEMENS—Paganetti J. S. Co.  
Ullrich R. C. Hardware Co.  
NEW BALTIMORE—Baker William



NILES—Smith C. R.  
 OTSEGO—Siple George H. & Co.  
 OWOSSO—Sturtevant & Blood Co.  
 PAW PAW—Waters H. C. & Co.  
 PONTIAC—Richmond-Dewey Co.  
 PORT HURON—Cruikshank A. G.  
 PORTLAND—Estep Chas. A. & Son  
 QUINCY—Kinyon E. H.  
 REED CITY—Welsh & Kerry Co.  
 SAGINAW—Remer Bros.  
 ST. JOSEPH—Wallace John Sons Co.  
 SOUTH ROCKWOOD—Strong John Co.  
 TRAVERSE CITY—Hannah & Lay Mercantile Co.  
 TRENTON—Mans Nicholas A.  
 WALDRON—Abbaduska E. T.  
 WHITE PIGEON—Driesbach F. C. & Son  
 WYANDOTTE—Eberts Bros. Co.  
 YALE—Wharton & Co.  
 YPSILANTI—Thompson O. E. & Sons

### MINNESOTA.

ADRIAN—Becker J. C.  
 ALEXANDRIA—Page L. A. Lumber Co.  
 ANOKA—McCauley George A.  
 BLOOMING PRAIRIE—Solberg A. Lumber Co.  
 DULUTH—Cutler Magner Co.  
 Dunlop-Moore Co.  
 Paine & Nixon Co.  
 Standard Salt & Cement Co.  
 LITCHFIELD—Esbjornson John  
 MANKATO—Fowler & Pay  
 MILAN—Anderson T.  
 MINNEAPOLIS—Fowler & Pay, Security Bank bldg  
 Landers, Morrison & Christenson Co., Lumber Exchange  
 McDonald John F. Lumber Corp., Lumber Exchange  
 Red Diamond Lumber Co., 1134 Central av  
 Speakes P. G. Co., 2845 Second av, S  
 United States Gypsum Co., Lumber Exchange  
 Universal Portland Cement Co., 2d Bank bldg  
 NEW ULM—Bingham Bros.  
 NORTHFIELD—Reilly & Lathrop  
 PELICAN RAPIDS—Stenerson Bros.  
 ROCHESTER—Dodge Lumber & Fuel Co.  
 ST. CLOUD—Gruber & Co.  
 ST. PAUL—Capitol City Lime & Cement Co., Starkey & Indiana  
 Dana Warehouse Co., 271 Snelling av N  
 Lott K. F. & Co., 101 E 8th  
 Northwestern Lime Co., Ryan bldg  
 Pearce J. F. & Son, Ft. Eagle  
 St. Paul Lime & Cement Co., 270 Jackson  
 Shakopee Cement Lime Mfg. Co., 220 Chestnut  
 Spates S. P. & Co.  
 SHAKOPEE—Schroeder Brick & Lime Co.  
 STILLWATER—Consolidated Lumber Co.  
 Kilty Jno. J.  
 WARREN—Robertson Lumber Co.  
 WINDOM—Strunk Sherwin Co.  
 WINONA—O'Dea John  
 Standard Lumber Co.  
 Stevenson Coal Co.  
 Willis H. J.

### MISSISSIPPI.

JACKSON—Jackson Lumber Co.  
 LEXINGTON—McBee Lumber Co.  
 VICKSBURG—Edwards C. J. Co.  
 Perry Grain & Cement Co.  
 YAZOO CITY—Powell J. F. (Est. of)

### MISSOURI.

BEVIER—Rowland Bros.  
 BOONVILLE—Burger Wm.  
 Lohse M. & Son  
 BUTLER—Wyatt H. C. & Son  
 CARTHAGE—Home Lumber Co.  
 Thomas B. F. Lumber Co.  
 FARMINGTON—Lang & Bro., Mfg. & Mercantile Co.  
 Tetley-Klein Lumber Co.  
 FAYETTE—La Crosse Lumber Co.  
 FREDERICKTOWN—Fredericktown Lumber Co.  
 FULTON—Callaway Hardware Co.  
 HANNIBAL—Hannibal Lime Co.  
 HOLDEN—Starkey I. (Est. of)  
 JOPLIN—Chickering H. L. & C. L.  
 KANSAS CITY—Builders' Material Supply Co., Republic bldg  
 Deatherage Ben. S. Lumber Co., 403 R. A. Long bldg

Dickey W. S. Clay Mfg. Co.  
 Eadie Building Supply Co., Scarritt bldg  
 Iola Portland Cement Co., Commerce bldg  
 Merrill J. W. Lumber Co., Southwest blvd & Summit  
 Stephens Supply Co., Bryant bldg  
 Union Sand & Material Co., Sugar Creek  
 Westport Lime & Cement Co., 121 W 8th  
 LEBANON—Lingsweller J. G. Lumber Co.  
 LEXINGTON—Moorehead J. R. Lumber Co.  
 LOUISIANA—La Crosse Lumber Co.  
 NEOSHO—Briggs Hardware Co.  
 STE. GENEVIEVE—Ste. Genevieve Lime & Quarry Co.  
 ST. JOSEPH—Badger Lumber Co.  
 Biles N. D. & Co.  
 Doughterty & Moss Lumber Co.  
 Hesse Building Material Co.  
 Mannan-Smith Supply Co.  
 Nold C. H. Lumber Co.  
 St. Joseph Lumber Co.  
 ST. LOUIS—Banner Coal & Sand Co., R. I. & Wabash & Euclid  
 Carthage Marble & White Lime Co., Chouteau & Vendeverters avs  
 Contracting & Supply Co., 4125 Park  
 Glencoe Lime & Cement Co., Syndicate Tr. bldg  
 Hunkins-Willis Lime & Cement Co., Century bldg  
 Illinois Supply & Construction Co., Wright bldg  
 Union Sand & Material Co., International Life bldg  
 SEDALIA—Babcock Lumber Co.  
 Johns S. P. & Sons  
 Looney & Bloess Lumber Co.  
 Sturges Lumber Co.  
 SPRINGFIELD—Horton Stone Co.  
 Landers Lumber & Cement Co.  
 Springfield Plg. Mill, Lumber & Const. Co.  
 Springfield Stone & Fuel Co.  
 Timmons Lumber Co.  
 Williams T. E. Lumber & Mfg. Co.  
 TIPTON—Ferguson Wm. M.  
 Schmidt Wm. & Co.  
 WINDSOR—Hayden Hardware Co.

### MONTANA.

ANACONDA—Anaconda Copper Mining Co.  
 Staggs J. P.  
 BILLINGS—Allen H. M. & Co.  
 GREAT FALLS—Graham & Ross Mercantile Co.  
 Great Falls Lumber Co.  
 Murphy-MacClay Hardware Co.  
 HELENA—Holter A. M. Hdw. Co.  
 Sanford-Evans Co.

### NEBRASKA.

BEATRICE—Von Steen J. H. Co. (Wholesale)  
 BLAIR—McQuarrie John T.  
 FREMONT—Nye-Schneider-Fowler Co.  
 GENEVA—Koehler A. Co.  
 GOTHENBURG—West E. G.  
 GRAND ISLAND—Harrison W. H. Co.  
 HASTINGS—Western Brick & Supply Co.  
 HUMBOLDT—Philpot S. M. & Son  
 KEARNEY—Gilcrest F. H. Lumber Co.  
 LINCOLN—Dierk Lumber & Coal Co.  
 Searle & Chapin Lumber Co.  
 Whitebreast Coal & Lumber Co.  
 NEBRASKA CITY—Bischof Wm., Sr.  
 NORFOLK—Chicago Lumber Co.  
 OMAHA—Adams & Kelly Co.  
 Bullard Hoagland & Benedict  
 Cady H. F. Lumber Co.  
 Disbrow M. A. & Co.  
 Guion & Ledwich  
 Hampton Lumber Co.  
 Hoagland G. A. & Co.  
 Hull C. W. Co.  
 Sunderland Bros. Co.  
 SOUTH OMAHA—Bradford-Kennedy Co.  
 Bradford Louis Lumber Co.  
 Howland E. H. Lumber & Coal Co.  
 Watkins J. B. & Co.  
 TEKAMAH—Houston E. C. & Co.

### NEW HAMPSHIRE.

BRISTOL—Merrill C. N. & Son  
 CLAREMONT—Osgood E. B.  
 CONCORD—Dickerman & Co.  
 Woodworth & Co.

EXETER—Smith L. B. & Sons  
 FRANKLIN—Stevens C. P.  
 KEENE—Knowlton & Stone Co.  
 Spencer Hardware Co.  
 Woods C. E. & Son  
 LANCASTER—Moore L. F.  
 Smith Frank & Co.  
 LISBON—Parker-Young Co.  
 MANCHESTER—Muir John  
 NASHUA—Shedd W. A. & Co.  
 NEWPORT—Rowell F. P.  
 NORTH CONWAY—Gibson J. L.  
 PORTSMOUTH—Broughton J. H.  
 Walker C. E. & Co.  
 SOMERSWORTH—Somersworth Grain Co.  
 TROY—Kimball E. P. & Son

### NEW JERSEY.

ASBURY PARK—Buchanan & Smock Lbr. Co.  
 Consumers' Coal & Supply Co.  
 Farmer Coal & Supply Co.  
 ATLANTIC CITY—Borton Coal & Trading Co.  
 Smith Edwin  
 BAYONNE—Booth A. W. & Bro.  
 Brady's James Sons Co.  
 Meyer & Ruh Co.  
 O'Connor Peter  
 BLOOMFIELD—Bloomfield Coal & Supply Co.  
 Ogden & Cadmus  
 BOONTOWN—Salmon Henry & Son  
 BORDENTOWN—Chamberlain John G.  
 Shreve W. A. & Co.  
 BOUNDBROOK—Cook L. D. Co.  
 BRIDGETON—Hankins H. H. & Bro.  
 CAMDEN—Camden Lime Co.  
 Justice Coal & Lime Co.  
 Taylor Bros.  
 CAPE MAY COURT HOUSE—Tyler W. J.  
 COOKSTON—Hancock J. B.  
 CRESSKILL—Cresskill Lumber Co.  
 DOVER—Birch & Bassett  
 Dover Lumber Co.  
 EAST ORANGE—Builders' Material Supply Co.  
 Pierson James W. Co.  
 EDGEWATER—Hinner's E. H. Sons  
 EGG HARBOR—Rupp Harry R.  
 ELIZABETH—Enterprise Coal & Supply Co.  
 Gold P. & Co.  
 Hall & Carlton  
 Mulford Coal & Lumber Co.  
 Neureitter & Horre  
 Sayre T. F. & H. C.  
 Smith Lime, Flour Co.  
 Standard Building Material Co.  
 Thompson J. & S. S.  
 ENGLEWOOD—Payson George H  
 Prentice Co.  
 Tuttle Bros.  
 FAR HILLS—Ludlow L. V. & Co.  
 FREEHOLD—Statesir Lumber Co.  
 GLADSTONE—Tiger Ellis Co.  
 GLOUCESTER—Stinson & Dickinsheets  
 GUTTENBERG—Gardner & Meeks Co.  
 HACKENSACK—Gardner I. E.  
 Hackensack Coal & Lumber Co.  
 HARRISON—Harper David  
 HOBOKEN—Lehigh Coal & Supply Co.  
 Vanderbilt E. D. Co.  
 JAMESBURG—Perrine & Buckelow  
 JERSEY CITY—Baldwin Lumber Co., Garfield av  
 Conlon & Co., 270 Provost  
 Glassford & Dodd (Sewer Pipe, etc), 6th  
 Hall J. P., 588 Central av  
 O'Neill Lumber Co., Jersey av  
 Washburn Bros. Co., ft of Jersey av  
 KENVIL—Kenvil Lumber & Store Co.  
 LAKEWOOD—Larrabee Albert S. (Est.)  
 LAMBERTVILLE—Massey Geo. W.  
 LITTLE FALLS—Klotz E. L.  
 LONG BRANCH—Chandler & Maps  
 Lacour Crammer & Co.  
 MADISON—Bruen & Morris  
 Green & Pierson  
 Smith Joseph M. Co.  
 MANASQUAN—Vanleer E. S.  
 MATAWAN—Cartan & Delvin  
 METUCHEN—Edgar Chas. S.  
 Freeman Manning & Son  
 MILLVILLE—Kimball & Prince Lumber Co.  
 MONMOUTH JUNCTION—Stout A. F. & Son  
 MONTCLAIR—Builders' Material Supply Co.  
 Persons W. O.  
 MORRISTOWN—Ennis C. W. & Co.  
 NETCONG—Drake, Bostedo Co.



NEWARK—Abbey W. B., 15 Clinton  
Bowden Fred'k (Sewer Pipe, etc), 218  
Orange  
Builders' Material Supply Co., Center  
Cook & Genung Co., 16 Jersey  
Lenox Building Supply Co., 27 Clinton  
Newark Lime & Cement Mfg. Co., ft  
Bridge  
Newark Sand Co., ft Center  
Ogden Henry E. & Sons Co. (Sewer  
Pipe, etc.), 428 Clinton  
Perry G. F. & Sons, 261 Fabyan pl  
Phillips White Rock Lime Co., 125  
Front  
Reeve Abner S. & Sons, 88 Front  
Reid A. S. & Co., 786 Broad  
Sayre Jas. R. Jr. & Co., River  
Tomkins Bros., 74 Passaic  
Townley C. E. 149 Vernon av  
Van Keuren & Son, 501 Passaic av  
Wolf Chas., 204 Waverley av & Pe-  
shine  
Woodward A. H. Co., 128 Passaic  
NEW BRUNSWICK—Howell Lumber Co.  
Rolf Building Materials Co.  
Welsh P. M.  
NEWTON—Hopkins S. H.  
ORANGE—Conover Bros.  
OCEAN CITY—Shoemaker C. H. Lumber  
Co.  
PALISADES PARK—Palisades Park Lum-  
ber & Supply Co.  
Parkyn & Sons  
PASSAIC—Anderson Lumber Co.  
Campbell, Morrell & Co.  
Union Building & Cons. Co.  
PATERSON—Agnew John Co.  
Rodrock E. M. Co.  
Sharpe Jos. Construction Co.  
Smith A. H.  
Stiles E. M.  
Trimble Coal Co.  
PENNS GROVE—Barber, H. S.  
PERTH AMBOY—Donnell W. J. Lumber  
Co.  
Langan Thomas Lumber Co.  
Robbins I. R.  
PLAINFIELD—Boice, Runyon Co.  
Loizeaux Joshua D. Lumber Co.  
PLEASANTVILLE—Lake & Risley Co.  
POINT PLEASANT—Vannote Lumber Co.  
RAHWAY—Friesse G. M.  
RIDGEFIELD PARK—Brewster & Son  
RIVER EDGE—Bogert A. Z. & Bro.  
RIVERSIDE—Zurbrugg August  
RIVERTON—Evans Jos. T.  
ROCKAWAY—Stickle G. W.  
ROSELLE PARK—Bachman-Veghte Co.  
Ridgeway Wilbur J.  
SALEM—Lippincott Clement G.  
SECAUCUS—Schmitt Jacob  
SOMERVILLE—Sargeant Bros.  
SOUTH AMBOY—South Amboy Lumber  
& Supply Co.  
SOUTH ORANGE—Halsey H. B. Co.  
SOUTH RIVER—Clayton N. W.  
STONEHARBOR—Simpson Co.  
SUMMIT—Miller T. B. Co.  
Muchmore George V.  
Stephens Bros.  
SWEDSBORO—McCullough H.  
TENAFLY—Demarest Edwin  
TOMS RIVER—Brant A. A. Lumber Co.  
TRENTON—Heath Samuel Co.  
Hunt James B. Mfg. Co.  
Richardson Jos. B. & Sons  
Richardson P. B.  
VINELAND—Kimball & Prince Lumber  
Co.  
WASHINGTON—Alleger's E. W. Son  
WESTFIELD—Irving J. S.  
Tuttle Bros.  
WOODSTOWN—Hitchner & Bassett  
Woodstown Ice & Cold Storage Co.

## NEW MEXICO.

ALBUQUERQUE—Baldridge J. C. Lum-  
ber Co.  
SANTE FE—Hersch Leo

## NEW YORK.

ADAMS CENTER—Maxson E. C. & Son  
ALBANY—Batchelder R. C.  
Blackburn J. T. D.  
Dwight H. A.  
Fuller & Co.  
Helderberg Cement Co.  
Jackson John H. Tile Co.  
Leonard Co.  
McCabe Peter  
AMENIA—Wilson & Eaton Co.  
AMSTERDAM—Grieme, H. C. Co. (Est.  
of)  
ASTORIA—(See Long Island City, Bor-  
ough of Queens)

ATHENS—Howland & Son  
AUBURN—Clark Lumber Co., 15 Semin-  
ary av  
BALDWINVILLE—Tappan W. H.  
Voorhees J. S. & Co.  
BARKER—Lum L. C.  
BATAVIA—Dawson William E.  
BATH—Bowes H. W.  
BINGHAMTON—Atlas Coal & Supply Co.  
(Brick, Cement, Sewer Pipe, etc)  
Ballard J. W. Co.  
Bartlett & Co.  
BUFFALO—Black John H. Co. (Mfrs.'  
Agent), Builders Exchange  
Bray & Lukens Co., 861 E Eagle  
Buffalo Cement Co., 110 Franklin  
Buffalo Paragon Wall Plaster Co., El-  
licott sq  
Carroll Bros. (Sand, etc), Ellicott  
sq  
Carroll Sand Co., White bldg  
Empire Limestone Co., Hudson &  
Fourth  
King J. B. & Co., 322 W Genesee  
Lyth A. & Sons Co., 48 N Eagle  
Newman's Akron Cement Co., 141 Erie  
Reeb M. A., 599 Michigan av  
Ross James H., 141 Erie  
Thorn Cement Co., Prudential bldg  
CANANDAIGUA—Davidson Alex.  
Hollis A. M. & Co.  
Thompson George T.  
CATSKILL—Raynor A.  
Timmerman P. V. R.  
CHARLOTTE—Charlotte Coal & Supply  
Co.  
CHATHAM—Boright John W. Lumber Co.  
CLINTON—Allen H. J. (Est.)  
CLYDE—Corrigan & John  
COHOES—Dooley Jas. J. & Sons  
COLLEGE POINT—(See New York City,  
Borough of Queens)  
CORNING—Maltby W. H. & Sons  
CORTLAND—Beers & Warfield  
Maxson & Starin  
CUTCHOGUE—Goldsmith & Tuthill  
DUNKIRK—Hamilton S. M. Co.  
EAST AURORA—Geib William H.  
Griggs & Ball Co.  
EAST HAMPTON—East Hampton Lum-  
ber & Coal Co.  
EDEN—Redfield & Davis  
ELMIRA—Fisk H. A. & Co.  
FAIRPORT—Fairport Lumber & Coal Co.  
FAYETTEVILLE—Bangs-Gaynor Cement  
& Plaster Co.  
FLORIDA—Roe Bros.  
FLUSHING—(See New York City, Bor-  
ough of Queens)  
FREDONIA—Cobb John P.  
Cooke F. E.  
GENESE—Neff N. W. & C. D.  
GENEVA—Beard J. H.  
Ontario Coal Co.  
Rogers R. J. Lumber Co.  
GLEN COVE—Titus & Bowne  
GOSHEN—Conklin & Cummins  
GOUVERNEUR—Corbin W. S.  
Noble H. H.  
GOWANDA—Van Deusen J. E.  
GREEN ISLAND—Smith M.  
HASTINGS-UPON-HUDSON — Thompkin  
& Bevers  
HAVERSTRAW—Allison & Vervalen Coal  
& Lumber Co.  
Lane Charles R.  
HEMPSTEAD—Mollineaux Bros.  
HERKIMER—Palmer C. W. & Co.  
Pelton Bros.  
Snell C. R. & Sons Co.  
HILLSDALE—Herrington Ed.  
HOLLAND—Griggs Ichabod N. & Son  
HOLLEY—Murphy John  
HOMER—Maxson & Starin  
HOPEWELL JUNCTION—Hopewell Lum-  
ber Co.  
HORNELL—Hollands Stephen & Sons  
HUDSON—Macy Charles W. Co.  
HUNTER—Ham E. A.  
HUNTINGTON—Wood W. Wilton  
HURLEYVILLE—Prince W. J. & Son.  
HYDE PARK—Van Wagner Geo. E. B.  
IRONDEQUOIT—Irondequoit Coal & Sup-  
ply Co.  
ISLIP—Abrew John L.  
ITHACA—Driscoll Bros. & Co. (Wholesale)  
JAMESTOWN—Chautauqua Refrigerating  
Co.  
Jamestown Construction Co.  
Johnson Ice Co.  
Shedd L. F.  
Van Dervoort Supply Co.  
KINGSTON—Darling Walter S.  
Gill David Jr.  
Griffith Frank H.  
LACKAWANNA—West Seneca Lumber  
Co.

LAKE PLACID—Lake Placid Lumber &  
Supply Co.  
LAWRENCE—Wood John A. & Son Co.  
LESTERSHIRE—Baldwin Edwin L.  
LIMA—O'Neill Wm. A.  
LOCKPORT—Crowe Michael J.  
Stainthorpe C. N. & Co.  
Whitmore C. B. Co.  
LONG BEACH—Nassau Contracting Co.  
LONG ISLAND CITY—(See New York  
City, Borough of Queens)  
LYONS—Lockwood B. F.  
MACEDON—Servoss Chas. J.  
MALONE—Thompson H. D. & Co.  
MAMARONECK—Brewer R. G.  
Moffatt, L.  
MATTEAWAN—Davidson S. M. Co.  
MATTITUCK—Penny George L.  
MECHANICSVILLE—Robinson W. A.  
MIDDLEBURG—Petchtle Emmet  
MIDDLEPORT—Jackson Thomas W.  
MIDDLETOWN—Ketchum D. A. (Est.)  
MONTGOMERY—Vanderloef John J. &  
Son  
Wait Charles D.  
MONTICELLO—Osborn & Son  
MOUNT KISCO—Young & Halstead Co.  
MOUNT VERNON—Burton & Fenton  
Wilson & Adams Co.  
NEWARK—Bartle A. C. Lumber Co.  
NEW BRIGHTON—(See New York City,  
Borough of Richmond)  
NEWBURGH—Atlas Building Material Co.  
Convery's John P. Sons  
Harrison & Curtis  
Wilson Samuel A.  
NEW PALTZ—Le Fevre A. P.  
NEW ROCHELLE—Mahlstedt J. A. Lum-  
ber & Coal Co.  
New Rochelle Coal & Lumber Co.

## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—Bannon P. & Sons (Sand,  
etc), 129 Richards  
Braun & Howe, 66 Huron  
Canda M. M., 184 3d  
Candee & Krekeler Co., 472 Hamilton  
av & 1217 Grand  
Castle Bros., Johnson pl  
Clarke Audley Co., 527 Smith  
Colyer Jos. H. & Son, 531 Nostrand av  
Creamer F. D. & Co., 26 Court  
Duffy J. P. Co., 51st & 2d av  
Empire Brick & Supply Co., Morgan  
av  
Gutherman J. J., 32 Chester  
Mahnken Building Material Co., 955  
B'way  
Morton's John Sons Co., 387 Carroll  
Sullivan J. T., 2360 Fulton

## Boroughs of Manhattan and Bronx.

See also Cement Manufacturers  
NEW YORK—Bell Jno. Co., E 138th &  
Gerard av  
Builders Brick & Supply Co., 172nd &  
West Farms rd  
Cable W. N., 200 5th av  
Candee, Smith & Howland Co., ft E  
26th  
Darrow's Rufus Son, 618 W 49th  
Empire Brick & Supply Co., 103 Park  
av  
Fleming & Co., 253 B'way  
Fredenburg & Lounsbury (Front &  
Ornamental Brick & Cement), 381  
4th av  
Heaney P. J. Co., West Farms rd &  
172nd  
Hoag Wm. M., 120 Liberty  
Hookey W. T. & Sons Co., 227 E 129th  
Kane John P. Co., 103 Park av  
King C. Volney, 517 West  
McCarthy John A. & Bro., 551 Ex-  
terior  
Masons' Supplies Co., 116 Nassau  
Miller, Clifford L. & Co. (West Stock-  
bridge Lime; Dry Mixed Mortar;  
Cement; Plaster, etc), 110 E 23d  
Morse Frank E. Co., 17 State  
Murtagh Chas. E., ft Rivington  
Murtha & Schmoll Co., 814 E 14th  
Overbaugh-Camp Co., Morris Dock  
Palmer Lime & Cement Co., 103 Park  
av  
Peck N. & W. J. Co., 103 Park av  
Philbrick John A. & Bros., ft E 97th  
Raymond G. B. & Co. (Clay Materials),  
3060 Webster av  
Sayre & Fisher Co. (Brick Mfrs.), 261  
B'way



Smith Clarence L. Co., 30th & 11th av  
Tomkins Bros. (Sewer Pipe), 30 E 42d  
Tomkins Calvin, 30 Church  
Union Building Material Co., 231 10th  
Warner Chas. Co. (Wholesale), 18 E  
41st  
Wood Theo. C., 613 Greenwich

#### Borough of Queens.

COLLEGE POINT—Kraemer Bros.  
FLUSHING—Ryon Augustus M., 96 Main  
JAMAICA—Styles Thos., 59 Flushing av  
LONG ISLAND CITY—Clonin & Messen-  
ger, ft Camelia  
Pfeffer Jacob, 10 Vernon av  
Raymond G. B. & Co. (Clay Prod-  
ucts), 293 Borden av  
OCEANUS—Jamieson & Bond Co., Bond av  
OZONE PARK—Reimer Jno. B.  
RICHMOND HILL—Solms Geo. Co.,  
Maure av

#### Borough of Richmond.

NEW BRIGHTON—Wood John J., ft Bank  
PRINCES BAY—Seguine-Runyon-Stiles  
Co., ft Main  
STAPLETON—Thompson Jas. & Sons, Bay  
(End of New York City)

NIAGARA FALLS—Humbert Wm. S.  
Niagara Falls Builders' Supply Co.  
NORTH TONAWANDA—Rose H. A. (Est.  
of)  
NYACK—Gregory & Sherman  
White W. H. Co.  
OCEANUS—(See New York City, Borough  
of Queens)  
OGDENSBURGH—Barr John  
Britton W. D. Hardware Co.  
Hackett P. Hardware Co.  
OLEAN—Taylor B. U. Co.  
ONEIDA—Marcellus Geo. A.  
Ruby R. B.  
ONEONTA—Briggs Lumber Co.  
Butts L. P.  
OSSINING—Terwilliger's I Son  
OSWEGO—Farwell J. B. & Co.  
OWEGO—Farmers' & Builders' Supply Co.  
Richardson F. W.  
PATCHOGUE—Bailey E. & Sons  
PEARL RIVER—Serven W. A.  
PEEKSKILL—Dains' N. Sons Co.  
PERRY—Hawley Produce & Storage Co.  
PHILADELPHIA—Clark Gardner  
PIERMONT—Walsh & Reichling  
PLATTSBURG—Purdy Frank M.  
PLEASANTVILLE—Cornell Lumber Co.  
PORTCHESTER—Ryan William Co  
Tibbitts Charles H.  
PORT JERVIS—Westbrook Edw. S. & Son  
PORT RICHMOND—(See New York City,  
Borough of Richmond)  
PORT WASHINGTON—Copp C. W.  
POTSDAM—Weed F. A. Hardware Co.  
POUGHKEEPSIE—Arnold C. N. Co.  
Lumb's Levi Son  
McCann J. J.  
Taylor Jas. L. Mfg. Co. (Steel Staging  
& Shingling Brackets)  
Wilbur Co.  
PRINCE BAY—(See New York City, Bor-  
ough of Richmond)  
RANDOLPH—Felt & Almy  
RICHMONDVILLE—Harway M. W.  
RIPLEY—Crandall J. E.  
RIVERHEAD—Corwin & Vail Lumber Co.  
ROCHESTER—Building Specialties Co.  
Inc.  
Hollister Builders Supply Co.  
Oliver Thomas (Est. of)  
Rochester Lime Co.  
Whitmore, Rauber & Vicinus  
ROCKVILLE CENTER—Combes G. D.  
ROME—Wardwell Hardware Co.  
RONDOUT—(See Kingston)  
SAG HARBOR—East Hampton Lumber &  
Coal Co.  
SALEM—Dillon Jno. L.  
SANDY HILL—Griffin Lumber Co.  
Kenyon Lumber Co.  
SARATOGA SPRINGS—Todd E. R.  
SAUGERTIES—Saugerties Coal & Lumber  
Co.  
SCHENECTADY—Crane-Veeder Co.  
Devenpeck Coal Co.  
Rankin Chas. F.  
Rosa N. W.  
Winne & McKain Co.  
SEA CLIFF—Parlman Lawrence E.  
SENECA FALLS—Maier Fred & Sons  
Palmer S. S.  
SHERBURNE—Gaines Thos. P.

SKANEATELES—Carver Richard  
Stuart William G.  
SOUTHAMPTON—Hampton Lumber Co.  
STONY BROOK—Bayles D. T. & Son  
SUSPENSION BRIDGE—Haeberle Lum-  
ber Co.  
SYRACUSE—Pack George W. & Son  
Paragon Plaster Co.  
Salisbury D. J., 206 St. Mark's av  
Sullivan C. J., 126 S. Clinton  
TARRYTOWN—Dinkel & Jewell Co.  
Husted A. P. Co.  
TICONDEROGA—Bascom D. C.  
TOMPKINSVILLE—(See New York City,  
Borough of Richmond)  
TOTTENVILLE—(See New York City,  
Borough of Richmond)  
TROY—Grimm Max  
Murray James T.  
Rickerson & Co.  
Smith Milo  
TRUMANSBURG—Hasard Wm.  
TULLY—Garrison J. H. (Est. of)  
UTICA—American Hard Wall Plaster Co.  
Conley Frank E. Stone Co.  
Empire Wall Plaster Co.  
McQuade & Bannigan  
WALDEN—Dominick D. C. Co.  
Hill C. W.  
WARRENSBURG—Emerson A. C. & Co.  
WARWICK—Conkling & Strong  
WATERLOO—Terwillinger A. H. & Son  
WATERTOWN—Johnson S. W.  
Jones W. C.  
White G. W. & Son  
WATKINS—Durland L. H. Son & Co.  
WELLSVILLE—Chamberlain F. R. & Co.  
Duke Oak Lumber Co.  
WEST WINFIELD—Weeks George S.  
WHITEHALL—Sullivan J. H. (Est. of)  
WHITE PLAINS—Young R. Bros. Lum-  
ber Co.  
WHITESTONE—(See New York City, Bo-  
rough of Queens)  
WILLIAMSBRIDGE—(See New York  
City)  
YONKERS—Lawrence Bros.  
Yonkers Builders' Supply Co.

#### NORTH CAROLINA.

ASHEVILLE—Westall J. M. & Co.  
Westall W. H. & Co.  
CHARLOTTE—Carolina Lumber Mfg. Co.  
Ward W. W. & Son  
Wearn J. H. & Co.  
Withers B. F.  
CONCORD—Niblock F. C.  
EDENTON—Brown M. G.  
HICKORY—Ingold F. B.  
WILMINGTON—Moore's Rogers Sons &  
Co.  
WINSTON-SALEM—Fogle Bros. Co.

#### NORTH DAKOTA.

DICKINSON—Walton & Davis Co.  
GRAND FORKS—Dinnie Bros. Corp.  
Robertson Lumber Co.  
St. Hilaire Retail Lumber Co.  
WAHPETON—Rischard John

#### OHIO.

ADA—Ada Coal & Lumber Co.  
AKRON—Akron Paving & Plaster Co.  
Akron Supply Co.  
Botzum Bros.  
Mell Marvin M. & Co.  
Pfarr & Hobart Co.  
Wright W. E. Co.  
ALLIANCE—Tolerton I. G. & Son  
ANDOVER—Coulter D. & Son  
Wood C. W.  
ASHLAND—Ashland Hardware Co.  
Boren William  
Hoover Chas.  
Palmer J. C.  
ASHTABULA—Aten & Whitlan  
Robinson M. C. & Co.  
Stockton W. H.  
BEDFORD—Groh Bros.  
Miller C. F.  
BELLAIRE—Anderson & McGregor Co.  
BOWLING GREEN—Hankey Lumber Co.  
BROADWAY—Goff W. H.  
BROOKVILLE—Detweiler Theo.  
BUCYRUS—Smith J. M. & Fitzer  
Ryland B. L. & Son  
BURTON—Crittenden B. D.  
BYESVILLE—Witten B. V. & Sons  
CADIZ—Long E. M. & Sons (Wholesale)  
CAMBRIDGE—Orme-McMahon-Thomp-  
son Co.  
CANFIELD—Neff C. H.

CAREY—Snyder William H.  
CELINA—Desch J. W.  
CHILLICOTHE—Chillicothe Coal Co.  
Rutherford Chas. W.  
Union Coal Co.  
CINCINNATI—Chrispin Jas. G. Lime &  
Cement Co., 2117 Monroe av, Nor-  
wood  
Cincinnati Clay Products & Supply  
Co., Johnston bldg  
Cincinnati Sewer Pipe Co., 3716 Mont-  
gomery rd, Evanston  
Conkling H. J., 1027 Gilbert av  
Contractors' & Builders' Supply Co.,  
2849 Stanton av  
Doermann-Roehrer Co., 318 E 3d  
Farrin M. B. Lumber Co., Station,  
Winton pl  
Hall T. J. & Co. (Washed River Sand  
& Gravel), 450 E Pearl  
Jacobs Julius, 276 W McMicken av  
McCammon L. H. Bros., Johnston  
bldg  
McCracken J. E. Supply Co., 629 E  
Front  
Marsh-Murdock Co., Cor. Stanton av  
& Shillito  
Metcalfe L. A., 2433 Gilbert av  
Moore-Coney Co., St. Paul bldg  
Moss C. W., 218 Tennyson  
Pachoud A. L. & Co., 3459 Montgom-  
ery av  
Patterson Alex., 3036 W 6th  
Raff Allan Ross & Co., Greenwood bldg  
Taylor Chas. E., 1429 Cutter  
CLARINGTON—Rea John J.  
CLEVELAND—Baldwin H. A. & Co., 14903  
Saranac  
Best Builders Supply Co., Marion  
bldg  
Broadway Coal & Feed Co., 6431  
B'way  
Cleveland Builders' Supply Co.,  
Leader-News bldg  
Cleveland Material Co.  
Crane P. D. Co., 1022 Meech  
Cuyahoga Builders' Supply Co., Scho-  
field bldg  
Diamond Portland Cement Co. (Ce-  
ment Mfrs.), 1313 Williamson  
Forrester Plaster Co., ft East 49th  
Goff-Kirby Coal Co., Electric bldg  
Kelley Island Lime & Transport Co.,  
Leader bldg  
Lake Erie Builders' Supply Co., 1220  
E 55th  
Lake Shore Sand & Gravel Co., Cuya-  
hoga & W. 3d  
Ohio Coal & Supply Co., Columbia  
bldg  
Sheets Bros. Elevator Co.  
Shepard J. J., 1073 River av, N W  
CLEVES—Caine Chas. W.  
CLYDE—Forsythe James  
Hurd T. P. & Son  
COLLEGE CORNER—Stephens & Stewart  
COLLINWOOD—Collinwood Lumber Co.  
COLUMBUS—American Sewer Pipe Co.,  
315 N High  
Builders' General Supply Co., Darby  
& Scott  
Claycraft Builders Supply Co., Hart-  
man bldg  
Columbus Builders' Supply Co., 409  
Dennison av  
Columbus Coal & Lime Co., 307 S High  
Columbus Contractors' Supply Co.,  
Columbus Savings & Trust bldg  
Columbus Macadam Co., 319 Dublin  
av  
Eussins & Fearn Co., 48 W Spring  
Ferris Steam Mortar Works, 632 Gal-  
loway av  
Fifth Avenue Coal Co., 5th av & Big  
Four  
Franklin Builders' Supply & Coal Co.,  
400 W Broad  
Hamilton Parker Fuel & Supply Co.,  
491 Kilbourne  
Murray City Coal Co., W Fifth av &  
H. V. Ry.  
Rapp Jacob & Co., 375 S High  
Rock Plaster Mfg. Co., Darby & Scott  
West Side Lumber Co., Duerr rd  
CONNEAUT—Pond Lumber Co.  
CORNING—Rodgers D. M.  
COSHOCTON—Thomson A. H. & Son  
CRESTLINE—Weaver Bros. Co.  
CROOKSVILLE—Pettit E. G.  
CUMBERLAND—Dye Milton  
DAYTON—Dayton Builders' Supply Co.  
Eichelberger's T. D. Sons  
Hawthorn W. S.  
King Chas. S.



McGreevy & Ortman Co.  
 Schaeffer, Gengnagel & Co.  
 Star Coal & Cement Co.  
**DEFIANCE**—Gorman M. B. Co.  
**DELAWARE**—Battenfield M. W.  
 Kissner R. D.  
**DELFOS**—Horine John T. & Sons  
**DESHLER**—Lytle Lumber Co.  
**DILLONVILLE**—Manifold J. H. C.  
**EAST LIVERPOOL**—Enterprise Coal Co.  
 Nease C. Lumber Co.  
**EAST PALESTINE**—Meek Lumber Co.  
**ELDORADO**—Locke A. W. S.  
**ELYRIA**—Elyria Concrete Co.  
 Heldmyer Hardware Co.  
 Murbach Coal Co.  
**FINDLAY**—Hagerman & Phillips  
 Rhamy W. H.  
**FRANKLIN**—Anderson's L. G. Sons  
**FREMONT**—Price Lumber & Mfg. Co.  
 Riverside Fuel & Supply Co.  
**FUNK**—Taylor Chas.  
**GALION**—Bryan Coal Co.  
 Weaver Bros.  
**GALLIPOLIS**—Rue John C.  
**GARRETTSVILLE**—Hatch J. E.  
**GENEVA**—Cowdery Coal Co.  
 Geneva Milling Co.  
 King W. H.  
**GLENDAL**—Freyhof John D.  
**GRAND RAPIDS**—Miller Geo. H.  
**GREENVILLE**—Mahar M. A.  
**HAMERSVILLE**—Chatterton O. J.  
**HAMILTON**—Cullen & Vaughn Co., 450  
 Dayton  
**HARRISON**—Perrine Atwood  
 Vincent W. C. & Son  
**HARTWELL**—Mueller John Co.  
**HILLSBORO**—Whisler Chas F.  
**HOPEDALE**—Tweedy & Bernhard  
**IRONTON**—Central Hardware & Harness  
 Co. (Roofing, etc)  
 Ginn Co.  
 Goldcamp Bros. & Co.  
 Hutsinpillar Sheridan Co.  
 Ironton Lumber Co.  
 Ironton Portland Cement Co.  
**JACKSON**—Buckeye Mill & Lumber Co.  
 Jackson Mill & Lumber Co.  
 Morgan & Horton  
**JEFFERSON**—Douglass L. C. & Co.  
**KENTON**—Callam John & Co.  
 Robinson-Gage Lumber Co.  
**LANCASTER**—Orman Lumber Co.  
**LEAVITTSBURG**—Doty A. M. & F. T.  
**LEETONIA**—Mellinger I. F.  
**LEXINGTON**—Kell Bros.  
**LIMA**—Consumers' Fuel & Building Supply  
 Co.  
 Cover Hardware Co.  
 Fidelity Coal & Supply Co.  
 Watson Cement & Coal Co.  
**LINDEN HEIGHTS**—Denune Builders'  
 Supply Co.  
 Linden Lumber Co.  
**LISBON**—Bean I. C. Co.  
**LOCKLAND**—Lockland Lumber Co., Ben-  
 sen & Mill  
**LOGAN**—Lumber & Supply Co.  
**LORAIN**—Lorain Lumber & Mfg. Co.  
**MCUTCHEMVILLE**—Smith & Lawmas-  
 ter  
**MANSFIELD**—Branyon M. L. & Bro.  
 Kallmeren & Baer  
 Rusk Bros.  
 Voegel Bros.  
**MARION**—King H. C. Lumber Co.  
 Leffler & Bland  
 Ohio & Western Lime Co.  
 Price J. L. Co.  
 Prendergast Co.  
**MARYSVILLE**—Conrad Wm. J.  
 Robinson & Curry Co.  
**MASSILLON**—Atwater D. & Son  
 Clements A. J. & Son  
**MAUMEE**—Koch C. L. Co.  
**MIDDLEFIELD**—Patchin C. P. & Co.  
**MIDDLETOWN**—Hatfield Coal Co.  
**MILFORD**—Buckingham & Hair  
 Clark J. N.  
**MINERVA**—Hart S. W. & Son  
**MOGADORE**—Mogadore Lumber & Sup-  
 ply Co.  
**MOUNT GILEAD**—Mount Gilead Lumber  
 Co. (Br. J. S. Peck & Son, Eard-  
 ington)  
 Wagner Bros.  
**MOUNT ORAB**—Kibler Fred W.  
**MOUNT VERNON**—Sanderson & McCreery  
 (Also Slate)  
**MOWRYTOWN**—Beucier L. A. & Co.  
**NAPOLÉON**—Johnson & Ritz  
 Thiesen & Hildred Co.  
**NEWARK**—Montgomery Wesley  
 Smith's P. & Sons Lumber Co.

**NEW BOSTON**—Bahner Geo.  
**NEW COMERSTOWN**—Novelty Brick &  
 Coal Co.  
**NILES**—Eaton Builders' Supply Co.  
**NORWALK**—Frey Joseph  
 Smith Monumental Works  
**OBERLIN**—Cole S. M. Co.  
**OLMSTEAD FALLS**—Stokes T. C.  
**ORRVILLE**—Seas J. F. & Sons  
**OTTOVILLE**—Lauer N.  
**OWENS**—Owens John D. & Son Co.  
**PAINESVILLE**—Callander G. F. & Son  
 McMillan Robert  
 Painesville Coal & Builders' Supply  
 Co.  
 Truby Coal Co.  
**PAULDING**—Paulding Lumber Co.  
 Southern Lumber & Supply Co.  
**PENINSULA**—Bigelow F. A. & Son  
**PIQUA**—Morrow & Licklider  
 Wood C. L.  
 Wright & Kuntz Lumber Co.  
**PLAIN CITY**—Martin & Strickland  
**PLYMOUTH**—Nimmons & Nimmons  
**POMEROY**—Biggs B. F. Co.  
**PORTSMOUTH**—Kaps Bros.  
 Hibbs Hardware Co.  
 Leet H. Lumber Co.  
 Reitz Bros Co.  
**RACINE**—Hayman Jos. C.  
**RAVENNA**—Bennett J. A.  
 Morgan E. E.  
**RITMAN**—Hershey & Rohrer  
**ST. MARYS**—McNally & Son  
 St. Marys Bldg. Supply & Coal Co.  
**SALEM**—Peoples Lumber Co.  
 Satterthwait Edgar  
**SANDUSKY**—Groch Fred'k Coal Co.  
 Homegardner Sand Co.  
 Kelley Island Lime & Transport Co.  
 Lake Erie Sand Co.  
 Nielsen C. A. Coal Co.  
 Peterson & Hiss Co.  
 Wagner Quarries Co.  
**SHELBY**—Wiggins E. W.  
 Will & Kerr  
**SIDNEY**—Farmers' Grain & Milling Co.  
 Heiser Jno. & Son  
 Kilbstone Wm. Lumber Co.  
 Toy N. M. & Co., 10 E Shelby  
**SPENCERVILLE**—Pickering Wm. H.  
 Reynolds W. A. Lumber Co.  
**SPRINGFIELD**—Bauer Charles  
 Beckley & Myers Ice & Fuel Co.  
 Clark County Lumber Co.  
 Goode & Hayward  
 Mills Bros.  
 Rawlins A. M.  
 Springfield Coal & Ice Co.  
**STEBENVILLE**—Alexander W. J.  
 McFeely Bros.  
 Ohio Valley Ice & Storage Co.  
**STONE RIDGE**—Shook Ira E.  
**STRUTHERS**—Horne J. K. & Son  
**STRYKER**—Stryker Builders' Supply Co.  
**SULLIVAN**—Atyeo Bros.  
**TIFFIN**—Crobaugh & Dahm  
 O'Connell Louis Co.  
 Ohio & Western Lime Co.  
**TOLEDO**—Acme Coal, Wood & Builders'  
 Supply Co.  
 Buckeye Builders' Supply Co.  
 Doherty Lime & Stone Co., The Spitzer  
 Holst W. O. Builders' Supply Co.  
 Knopp Bros. Co.  
 Ohio Builders' Supply Co.  
 Superior Supply Co.  
 Toledo Builders' Supply Co., Spitzer  
 bldg  
 Toledo Pulp Plaster Co.  
 Woodville Lime Products Co.  
**TORONTO**—Goodlin J. O. Son & Co.  
**TROY**—Trojan Coal Co.  
**UHRICHSVILLE**—Pearch J.  
 Romig P. A.  
**UPPER SANDUSKY**—Gipson W. A.  
**URBANA**—Heap Thomas  
**UTICA**—Einsweller C. W.  
**VAN WERT**—Rupright Bros.  
**VAUGHNSVILLE**—Risser D. R.  
**VERMILION**—Decker C. F.  
**WADSWORTH**—Dutt Feed & Supply Co.  
**WAPAKONETA**—Brown M. Co.  
 Whitman Joseph L.  
**WARREN**—Greenwood & Co.  
 Murray Thos.  
 Western Reserve Lumber Co.  
**WASHINGTON C. H.**—Coffman Mfg. Co.  
**WAUSEON**—Williams H. H. & Co.  
**WELLSVILLE**—Auginbaugh H. C.  
 Patterson Geo. B. Coal & Supply Co.  
**WEST MENTOR**—Norton C. A.  
**WEST MILTON**—Everett W. D. J.  
**WESTON**—Oswald Bros.

**WILLOUGHBY**—Hill A. T. & Co.  
 Jenkins C. C.  
**WILMINGTON**—Fisher Mfg. & Fuel Co.  
**WOOSTER**—Gray & Son  
**XENIA**—Thornhill Bros.  
**YOUNGSTOWN**—Buehrle German B.  
 Concrete Stone & Sand Co. (Sand &  
 Concrete)  
 Sharp Bros.  
 Youngstown Ice Co.  
**ZANESVILLE**—Adams Bros. Contracting  
 Co.  
 Harris Bros.  
 McIntire Coal & Bldrs. Supply Co.  
 Townsend F. M.  
 Zanesville Grain & Building Supply  
 Co.

## OKLAHOMA.

**STILLWATER**—Bullen B. Lumber & Coal  
 Co.  
**TULSA**—Builders' Supply Co.

## OREGON.

**PORTLAND**—Atlas Mixed Mortar Co.  
 Ry. Exch. bldg  
 Balfour, Guthrie & Co., Park & Oak  
 Cherry P. L. Co., Lumber Exchange  
 Hennessy J. D. & Co., 195 Front  
 Kollock L. R. & Co., Mutual Ry. Ex-  
 bldg  
 McCracken J. Co., Blake-McFall bldg  
 McMillan A. Co., 341 Williams  
 Nottingham & Co., E 2d & Wash  
 Rate G. B. & Co., Dekum bldg  
 Timms, Cress & Co., 184 2d  
 Versteeg Brick Co., 1027 Tillanook  
**THE DALLES**—Glenn Hugh & Co.  
 Wasco Warehouse Milling Co.

## PENNSYLVANIA.

**ALBION**—Sergeant A. W.  
**ALLEGHENY**—(See Pittsburgh)  
**ALLENTOWN**—Butz Jas. F. & Co.  
 Erich G. F. Co.  
 Kuder Millard A.  
 Ochs Construction Co.  
**ALTOONA**—Altoona Concrete Construc-  
 tion & Supply Co.  
 Canan Building Supply Co.  
 Canan-Knox Supply Co.  
 Vipond Coal Co.  
**AMBLER**—Craft J., Watson  
**ANNVILLE**—Saylor D. L. & Son  
**ARDMORE**—Smedley & Mehl  
**ASHLAND**—Buck Peter E. & Sons  
**ATHENS**—Kinter F. B.  
**AVONDALE**—Pennock & Brosius  
 Williamson Frank & Co.  
**BANGOR**—Bangor Lumber Mfg. Co.  
 Wise Lumber & Coal Co.  
**BATH**—Cressman & Mauser  
**BEAVER**—Cook Anderson Co.  
**BEAVER FALLS**—Brierly Frank F. &  
 Sons  
 Davidson W. J. & Son  
 Pearson & Son  
 Zimmerman R. E.  
**BELLEfonte**—McCalmont & Co.  
**BERWYN**—Fritz W. H.  
**BLAIRSVILLE**—Ray L. S. W.  
**BLOOMSBURG**—Paragon Plaster & Sup-  
 ply Co.  
**BLOSSBURG**—Clark Geo. D.  
**BLUE BELL**—De Prefontaine Chas.  
**BOSTON**—Harper C. M. C.  
**BRADDOCK**—Braddock Lumber Co.  
 Braddock Lumber Co.  
 Crown Wall Plaster Co.  
 Keller & Milliken  
 McCrady Bros. Co.  
**BRADFORD**—Fischer L. A. & Co.  
**BRIDGEPORT**—March's I. F. Sons  
**BRISTOL**—Leedom W. F.  
 Pierce & Williams  
**BROOKVILLE**—McKnight & Son  
**BUTLER**—Niggel's J. Son  
**CANONSBURG**—Elliott W. J.  
**CARBONDALE**—Cavanaugh C.  
 Mills Bros.  
**CARLISLE**—Bixler J. P. & Sons  
 Goodyear Bros.  
**CATASAUQUA**—Deily G. B. F.  
 Schneller C. W.  
**CHAMBERSBURG**—Hiteshaw & Co.  
**CHARLEROI**—Mounster R. C.  
**CHESTER**—Chester Lumber & Coal Co.  
 Wood, Lumber & Coal Co.  
**CHRISTIANA**—Cooper Mark P.  
**CLEARFIELD**—Fullington E. M.  
**COATESVILLE**—Pownall Hardware Co.  
**CONNELLSVILLE**—Fayette Lumber Co.  
**CONSHOHOCKEN**—Jones Wm. Potts



CORAOPOLIS—Watson T. F. & Bro.  
 CORRY—Barlow Hardware Co.  
     Wales Hardware Co. (Ltd.)  
 CRAFTON—Crafton Lumber & Supply Co.  
 DANVILLE—Cole J. H.  
     Welliver W. W.  
 DARBY—Thurston Oscar  
 DEVON—Lobb C. A. & Sons  
 DOYLESTOWN—Barrett James & Son  
     Beidler Henry S.  
     Randall W. L.  
 DUBOIS—DuBois Jno. E.  
     Hibner-Hoover Hardware Co.  
 EASTON—General Supply Co.  
     Mason's Supply Co.  
     Messinger Teaming & Supply Co.  
 EAST STROUDSBURG—East Strouds-  
     burg Lumber Co.  
 EMAUS—Brown Chas. D.  
 ERIE—Boyd & Schafer  
     Erie Hard Wall Plaster Co.  
     Thayer O. C. & Son  
 ETNA—Stevenson Milford, Est. of  
 EVANS CITY—Burry & Markel Co.  
 EVERETT—Cottage Planing Mill Co.  
 FERNWOOD—Hoopes Rufus C.  
 FLEETWOOD—Schaeffer, Wanner & Co.  
 FRANKLIN—Franklin Lumber Co.  
     Howard Lumber & Coal Co.  
     James Lumber Co.  
 GLENOLDEN—Mitchell J. E.  
 GREENVILLE—Packward Hardware Co.  
 HAMBURG—Lenhart I. S.  
 HANOVER—Schmuck Co.  
 HARRISBURG—Cowden & Co.  
     Kelley H. M. & Co.  
     Rhoads J. E.  
 HAZLETON—Frederick S. Y. & Son  
     Hazleton Machinery & Supply Co.  
     Schaub Justus  
 HOLLIDAYSBURG—Condron J. B.  
     Law John H.  
 HOMESTEAD—Vallowe Bros.  
 HOOVERVILLE—Meyers H. J. & W. A.  
 HUMMELSTOWN—Engle's Jno. S. Sons  
     Holler Chas.  
 HUNTINGDON—Miller C. H. Hdw. Co.  
 INDIANA—Stewart Jas. M. & Co.  
 IRWIN—Fox L. C.  
 JOHNSTOWN—Johnston Planing Mill Co.  
     Thomas-Kinzy Lumber Co.  
     Walters John W.  
 KINGSTON—Edwards & Co.  
     Roat A. J. Supply Co.  
 KITTANNING—McConnell & Watterson  
     Co.  
     McCallough James Jr.  
 KUTZTOWN—Heffner Dietrich & Co.  
 LANCASTER—Lancaster Lime & Supply  
     Co.  
     Penna. Stone, Cement & Supply Co.  
     Reilly Bros. & Raub  
     Sener G & Sons  
     Steinman Hardware Co.  
 LANSDALE—Brady James  
 LATROBE—Doherty Philip Hdw. & Sup-  
     ply Co.  
     McFeely Brick Co.  
 LEBANON—Granitine Wall Plaster Co  
     Krause George Hardware Co.  
 LEWISBURG—Dreisbach's C. Sons  
 LEWISTON—Franciscus Co.  
 LINWOOD STATION—Wood Bros.  
 LITITZ—Hershey-Leamon Co.  
 McKEESPORT—Bowman Bros. Co.  
     Hartman Hdw. Co.  
     Serena John Co.  
     Wishart A. & Sons Co.  
 McKEES ROCKS—Bluming P.  
     Young & Schmitt  
 MACUNGIE—Singmaster J & Co.  
 MANSFIELD—McDowell Chas. M.  
 MAUCH CHUNK—Neast Chas. & Co.  
 MEADVILLE—Harris C. P.  
     Smith Lumber Co.  
 MECHANICSBURG—Martin C. & Son  
 MEDIA—Williamson C. F.  
 MIDLAND—Marshall & Beglin  
 MIFFLIN—Manbeck W. H. & Co.  
 MONONGAHELA—Yohe Bros.  
 MONROETON—Cranmer H. A. & Sons  
 MONTROSE—Cooley & Son  
 MOORE—Moore G. W. & Co.  
 MOSCOW—Loveland J. E.  
 MOUNT PLEASANT—Stevenson J. A. &  
     Co.  
 NAZARETH—Nazareth Coal & Lumber  
     Co.  
 NEW BETHLEHEM—Anderson Hdw. Co.  
     Andrews Lumber Co.  
 NEW BRIGHTON—Martsolf Bros. Co.  
     Martsolf George W.  
 NEW CASTLE—Burns Bros.  
     Marshall Bros.  
     Ramsey D. G. & Sons

NEW FREEDOM—Bahn Walter D & Co.  
 NEW KENSINGTON—Klingensmith H. A.  
     & Son  
     McKean J. S. & Sons Co. (Ltd.)  
 NEW SALEM—McCormick S. O.  
 NORRISTOWN—Evans B. & Bro.  
     Landis William G.  
     Quillman Benj. Hardware Co.  
 NORTH WALES—Leister Frank H.  
 OGONTZ—Nagle Louis A. & Co.  
 OIL CITY—Berry Co.  
     Borland & Diamond Lumber Co.  
     Caldwell Lumber Co.  
     United Lumber & Coal Co. (Ltd.)  
 OLYPHANT—Lally Jas. H.  
 PEN ARGYL—Correll R. S.  
 PENN STATION—Myers J. E.  
 PERRYOPOLIS—Perry Mfg. Co.  
 PHILADELPHIA—Ambler H. C. Con-  
     tracting Co., 3717 Old York rd  
     Borgner Cyrus Co. (Distributors of  
     Lehigh Portland Cement), 234 N  
     23d  
     Bowditch Walter, Haines & Baynton,  
     Gtn.  
     Bradley Walter T. Co., 9th & Thomp-  
     son  
     Cox's C. A. Sons, 2139 American  
     Dobbs Samuel B. (Brick), 1218 Chest-  
     nut  
     Dougherty Cornelius, 1207 Passyunk  
     av  
     Fairlamb P. H. Co., 115 S 30th  
     Fitzgerald John J. & Co., 2d & Butler  
     France David Co., Tasker st. Wharf  
     Fredericks Chas. C., Wayne av, c  
     Reading Ry, Gtn  
     French, Samuel H. & Co., York av,  
     4th & Callowhill  
     Fulmer & Henderson, Stenton av  
     (Gtn.)  
     Gabell W. T., 2308 N 29th  
     Garrett Jas. & Co., 1432 S Penn sq  
     Gilbert Harry W., Hutchinson &  
     Venaugh  
     Hartranft Wm. G. Co., Real Estate  
     Trust bldg  
     Housekeeper Benj. (Lime), 1526 N  
     American  
     Kenderdine J. R., 332 Witherspoon  
     bldg  
     Kerbaugh Lime Co., Wash'n av, c  
     15th  
     Keystone Plaster Co. (Adamant Wall  
     Plaster), North American bldg  
     Knickerbocker Lime Co., 366 N 24th  
     Krause Wm., 1621 N 5th  
     Kugler Clarence B. Jr. & Co., Land  
     Title bldg  
     Kyle Geo., 73d c Grays av  
     Lesley & Trinkle Co., Penna bldg  
     Lukens & Yerkes, Stephen Girard  
     bldg  
     McClemen H. A. & Bro., Shunk & 13th  
     Manayunk Coal & Lime Co., Main &  
     Umbria  
     Meng Anthony & Co., 17 S Front  
     Peoples Bros., 25th & Callowhill  
     Prettyman Harry D., 2603 S Broad  
     Robinson Thos. & Co., Real Estate  
     Trust bldg  
     Rutan John W., 1305 Arch  
     Sinn Geo. A., 4430 Penn  
     Smith Edwin A. & Son (Lime), 1017  
     Frankford av  
     Tyson Jacob L., 900 Jeff  
     Vollmer P. S., Harrison bldg  
     Warner Chas. Co. (Wholesale & Re-  
     tail), Finance bldg  
     Wilson & Gardner Co., 5541 Lena  
     Germantown  
 PITTSBURGH—Birmingham Supply Co.,  
     S 17th  
     Duncan & Porter Co., 310 Mendota  
     Harbison-Walker Refractories Co.  
     (Fire Brick), Farmers' Bank bldg  
     Heppenstall & Marquis, 32d  
     Houston Bros. Co., 32d & P. R. R.  
     Jiles Jas. Co., Stayton  
     Keller Bros., 6347 Station  
     Kennedy D. J. Co., 6366 Frankstown av  
     Knox, Strouss & Bragdon, Juniata &  
     Preble  
     Leggett Wm. T. Co., 2621 Liberty  
     Miller & Coulson, Diamond Bank bldg  
     Munhall R. J. Lumber Co., Sidney &  
     Brady  
     National Mortar & Supply Co. (Lime  
     Only), 2d Nat'l Bank bldg  
     Rodgers Sand Co., Wood & Water  
     Williams W. H. & Co., 100 Penn  
     Winfield Sand Co., 2d Nat'l Bank bldg  
 PITTSTON—Dershimer & Griffin  
     Patterson J. E. & Co.

POTTSTOWN—Baily Hardware Co.  
     Fegely J. & Son  
     Hallman Wm.  
     Halteman J. L.  
     Van Buskirk & Bro.  
 POTTSVILLE—Bright George Hardware  
     Co.  
     Ryon John P.  
 PUNXSUTAWNEY—Brown Hardware Co.  
 QUAKERTOWN—Achey Benj.  
     Walp C. H. & Bro.  
 READING—Bard Hardware Co.  
     Bright & Co.  
     Fisher Chas. H.  
     Gring J. M. Co.  
     Reading Lumber Co.  
     Roth A. L. Co.  
 RIDGWAY—Hyde-Murphy Co.  
     Hyde W. H. & Co.  
 ROCHESTER—McDonald & Hartman  
 ROYERSFORD—Buckwalter J. A.  
 RUSSELL—Reynolds A.  
 SAEGERTOWN—Peters Frank L.  
 SAINT MARYS—Ritter Leonard  
 SALTSBURG—Davis Bros. & Co.  
 SALUNGA—Hiestand & Co.  
 SCRANTON—Benore John  
     Keller Luther  
     Maloney Oil & Mfg. Co.  
     Mason & Snowdon Lumber Co.  
     Paragon Plaster & Supply Co.  
 SEWICKLEY—Hays Alden F.  
 SHAMOKIN—Shamokin Lumber & Mfg.  
     Co.  
 SHARON—McIntyre Wm. & Sons  
     Sharon Building Co. (Ltd.)  
     Wallis & Carley Co.  
     Wishart A. & Sons Co.  
 SHARPSBURG—Chalfant A. M.  
 SHARPSVILLE—Covert & Stewart  
 SLATINGTON—Dettmer & Handwerk  
     Fritzinger William A.  
 SOUDERTON—Moyer & Son  
     Souder & Crouthamel  
 SPRING CITY—Davis & Mowrey  
 STEELTON—Hess John  
 SUNBURY—Sunbury Supply Co.  
     Whitmer William & Sons Co.  
 SWARTHMORE—Ogden C. G. & Co.  
 TITUSVILLE—Edwards H. B.  
     Shank I. L.  
     Ward C. J.  
 TOWANDA—Myer Berlin F.  
 TROY—Spalding H. M. & Son  
 TUNKHANNOCK—Billings Paul & Sons  
 TYRONE—American Lime & Stone Co.  
     Beyer F. D. & Co.  
     Franciscus Hardware Co.  
     Grazier Bros.  
 UNION CITY—Union Coal & Supply Co.  
 WARREN—Pickett Hardware Co.  
 WASHINGTON—Paul & Post  
 WAYNE—Connor I. W. Co.  
 WAYNESBORO—Beck & Benedict  
     Eclipse Wall Plaster Co.  
     Newcomer J. M. & Co.  
 WEST CHESTER—Bennett & Lear  
     Hoopes Ralston R.  
 WEST GROVE—Chambers S. K. & Bro.  
 WILKES-BARRE—Eastern Penna. Sup-  
     ply Co.  
     Goff Lumber Co.  
     Henry Frank N.  
     Patterson James E. & Co.  
     Robbins Lumber Co.  
     Schmitt's John A. Sons  
     Wilkes-Barre Masons' Supply Co.  
 WILLIAMSPORT—Diamond Wall Cement  
     Co.  
     Huffman W. H. C. Sons  
     Kline & Co.  
     Stuempfle's David Sons  
 YORK—Barnitz George A.  
     McClellan & Gotwalt Co. (Ltd.)  
     Small P. A. & S. Co.  
     York Valley Lime Co.  
     Zinn Bros.  
 ZELIENOPLE—Kennedy J. J.

**RHODE ISLAND.**

BRISTOL—Wardwell Lumber Co.  
 NEWPORT—Friend John M.  
     Hammet A. & H. G. Co.  
 PAWTUCKET—City Coal Co.  
     Cottrell J. T. Co.  
     Newell Coal & Lumber Co.  
     Olney & Payne Bros.  
 PROVIDENCE—Goff James C. Co., 31  
     Point  
     Harris Wm. M. Jr., 546 Atwells av  
     Horton H. R. Co., 459 S Water  
     McKendall Frank D., 519 Charles  
     Manchester & Hudson Co., 55 Point



Olneyville Hay & Grain Co., 25 Man-  
ton av  
Whaley J. A. & Co., 41 Smith  
RIVER POINT—Potter Frank E.  
WAKEFIELD—Wakefield Lumber Co.  
WESTERLY—Babcock & Wilcox  
Kenyon H. T. & Co.  
Sherman's R. A. & Sons Co.  
WOONSOCKET—City Lumber Co.  
Woonsocket Lumber Co.

**SOUTH CAROLINA.**

ANDERSON—Anderson O. D.  
Brissey W. L. Lumber Co.  
White & Co.  
BEAUFORT—Christensen N. & Sons  
CHARLESTON—Anderson Lumber Co.  
Carolina Portland Cement Co.  
Hughes Co.  
Johnson Wm. & Co.  
COLUMBIA—Brown C. O. & Bro.  
Lorick & Lowrance  
GAFFNEY—Builders' Supply Co.  
GREENWOOD—Simmons J. T.  
SPARTANBURG—Ezell Wall Hardware Co.

**SOUTH DAKOTA.**

CHAMBERLAIN—Anderson J. F. Lumber Co.  
MITCHELL—Davis & Daniels Co.  
SIOUX FALLS—Ross H. W. Lumber Co.  
Tuthill J. W. Lumber Co.  
WATERTOWN—Stover Construction Co.  
YANKTON—Loonan Lumber Co.

**TENNESSEE.**

BRISTOL—Mitchell-Powers Hardware Co.  
CHATTANOOGA—Chattanooga Builders' Supply Co.  
Gager Lime & Mfg. Co.  
Howard Park Brick Co.  
Magill Hdw. Co.  
Sloan & Company  
HARRIMAN—Dame Mantel Co.  
JACKSON—Central Lumber Co.  
City Lumber Co.  
Enochs Lumber Co.  
KNOXVILLE—Chandler & Co.  
King, Mantel & Furn. Co.  
Knoxville Lumber & Mfg. Co.  
Tenn. Lime & Sand Co.  
Wright Cruze Hardware Co.  
MEMPHIS—Cook A. J. & Co.  
Crump Bros.  
Fischer Lime & Cement Co.  
Tri-State Builders' Supply Co.  
MORRISTOWN—Baylor C. E. Co.  
NASHVILLE—Cohn & Goldberg  
Hardison W. T. & Co.  
Herbert T. L. & Sons  
Hoover A. T. & Co.  
Kirkpatrick J. O. & Sons  
Love, Boyd & Co.  
Nashville Builders' Supply Co.  
Norvell & Wallace  
Ransom J. B. & Co.  
TULLAHOMA—Lawson T. D.

**TEXAS.**

ALBANY—Rockwell Bros. & Co.  
AUSTIN—Austin White Lime Co.  
Tips Walter Co.  
BASTROP—Willbarger J. L.  
BEAUMONT—Texas Bldrs' Supply Co.  
Wilson E. L. Hdw. Co.  
CISCO—Burton-Lingo Co.  
CLEBURNE—Burton-Lingo Co.  
Wilson H. S.  
COLORADO—Burton-Lingo Co.  
CORPUS CHRISTI—Sidbury Lumber Co.  
CORSICANA—Whitselle Brick & Lumber Co.  
DALLAS—Griffiths & Co.  
Moore & Co.  
DENISON—Hanna Bros.  
Lingo-Leeper Co.  
DENTON—Wilson J. B. & Co.  
EL PASO—Bassett O. T. & Co.  
Courchesne A.  
El Paso Lumber Co.  
Santa Fe Fuel Co.  
FORT WORTH—Armstrong J. H. Co.  
Burton-Lingo Co.  
Cameron Wm. & Co.  
Nash Hardware Co.  
Owens G. W. Lumber Co.  
Smith Cicero Lbr. Co.  
GALVESTON—Fowler & McVitie  
Parr Wm. & Co.  
GROESBECK—Walker & Sons

HOUSTON—Barthold & Casey  
Bland Jeff Lumber & Building Co.  
Humphreville W. E.  
Macatee W. L. & Sons  
Walcott Frank B.  
KERRVILLE—Schreiner Chas. Co.  
LAREDO—Deutz A. & Bro.  
Johnson S. N.  
MASON—Grosse R. E.  
NAVASOTA—Youens J. & Co.  
ORANGE—Lutcher & Moore Lumber Co.  
Miller-Link Lumber Co.  
Sabine Supply Co.  
PALESTINE—Broyles W. & G. D.  
PARIS—Bettes H. S. Hardware Co.  
SAN ANTONIO—Dielmann Jno. C.  
SCHULTENBERG—Schaefer H. P.  
SHERMAN—Fielder A. A. Lumber Co.  
SWEET WATER—Wilkerson O. L.  
TEMPLE—Campbell C. M. & Sons  
Hollingsworth Joseph  
TEXARKANA—Hoffman Hardware Co.  
VICTORIA—Goldman A.  
WACO—Brazelton-Pryor & Co.  
Cameron William & Co.  
Nash-Robinson Co.

**UTAH.**

OGDEN—Eccles Lumber Co.  
Lowe Geo. A. Co.  
SALT LAKE CITY—Langdon Lime & Cement Co.  
Morris Elias & Sons Co.  
Morrison, Merrill & Co.  
Portland Cement Co. of Utah  
SPANISH FORK—Jex Lumber Co.

**VERMONT.**

BELLOWS FALLS—Bellows Falls Pulp  
Plaster Co.  
BRATTLEBORO—Robbins & Cowles  
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CAVENDISH—Robbins B. A. Lime Co.  
FAIR HAVEN—Reed Coal Co.  
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NEWPORT—Macdiarmid & Co.  
POULTNEY—Bixby E. M. & Son  
Ripley Lumber Co.  
Sherman S. & Son  
RANDOLPH—Lamson J. H. & Sons  
RUTLAND—Burditt Bros.  
Curtis S. P. & Son  
Landon Walter C. & Co.  
ST. ALBANS—Bostwick Bros.  
ST. JOHNSBURY—Caldbeck-Cosgrove Corp.  
Ide E. T. & H. K.

**VIRGINIA.**

ALEXANDRIA—Burroughs Thos. F. Sons  
Robinson's Geo. H. Sons  
Smoot W. A. & Co.  
BERKELEY—Cuthrell John Co.  
BERRYVILLE—Baker H. W.  
CHARLOTTESVILLE—King Lumber Co.  
Wood, Vest & Co.  
CHASE CITY—Roberts B. A. Son & Co.  
HAMPTON—Born L.  
Hefflinger Co.  
HARRISONBURG—Snell J. M. & Sons  
LYNCHBURG—Adams Bros. Payne's Co.  
De Witt H. E.  
Taylor W. O.  
NEWPORT NEWS—Acme Supply Co.  
Benson-Phillips & Co.  
Gale M. W.  
NORFOLK—Batchelder & Collins  
Bayne C. M. & Co.  
Building Supplies Corp.  
Dixie Lime & Cement Corp.  
Friebus G. S.  
Gamage John O.  
Gamage Jno. O.  
Grinnan John C.  
Jones & Co.  
Nottingham & Wrenn Co.  
PETERSBURG—Friend & Co.  
PHOEBUS—Tennis Edgar M.  
PORTSMOUTH—Hawks-Maupin Co.  
Oast Samuel P., 1101 Court  
Portsmouth Contractors Supply Corp.  
RICHMOND—Baldwin & Brown., 1557 E Main  
Hawes S. H. & Co., 1801 E Cary  
Lathrop C. P. & Co., 1600 E Marshall  
Lee A. S. & Sons Co., 108 S 13th  
Moore, Warner & Co., 17th  
Sittingding-Carneal-Davis Co., 1601 W Leigh  
ROANOKE—Adams, Payne & Gleaves  
Central Mfg. Co.  
Exchange Lumber Co.  
Gitt F. L. & Co.  
Virginia Lumber & Mfg. Co.  
Wilkinson J. H.

STAUNTON—Clem Bros.  
SUFFOLK—Allen R. R.  
Folk E. L. Co.  
Shoop-Withers Co.  
WARRENTON—Wood, P. D. & Co.

**WASHINGTON.**

ABERDEEN—Lebo Willis R. & Co.  
ANACORTES—Curtis Wharf Co.  
BELLINGHAM—Cain-Grimshaw Co.  
Morse Hardware Co.  
CHELAN—Dunham H. E.  
CLE ELUM—Hutter Frank  
ELBERTON—Eitel H. C.  
EVERETT—Shaw Harry W.  
KELSO—Remick A. R.  
KETTLE FALLS—Richards D. M.  
NORTH YAKIMA—Fosseen A. B. & Co.  
ODESSA—Finney G. W. Lumber Co.  
OKANOGAN—Dunham W. H.  
OMAK—Omak Lumber Co.  
SEATTLE—Balfour-Guthrie & Co.  
Boyd Fred. Co.  
Crowe F. T. & Co.  
Curtiss Wm. M. Co., 5016 20th, N W  
Dally S. W. R.  
Dudley G. S. & Sons  
Fryer David E. & Co.  
Galbraith, Bacon & Co.  
Kerr, Gifford & Co.  
McMullen & Co.  
Milligan & Nesbitt  
Monks & Miller  
Seattle Sand & Gravel Co.  
Spring Hill Fuel Co.  
SEDRO WOOLLEY—Skagit Commission Co.  
SOUTH BEND—Rude C. O.  
SPOKANE—Idaho Lime Co.  
Pearson-Mowbray Co.  
Washington Brick Lime & Sewer Pipe Co.  
SUMAS—Thomas Rees  
TACOMA—Cowell Henry Lime & Cement Co.  
Crowe F. T. & Co. (Complete Line)  
Griffin Transfer Co.  
Tacoma Trading Co.  
WALLA WALLA—Loney Samuel & Co.  
Snell Geo. H.  
WATERVILLE—Stevens Lumber Co.

**WEST VIRGINIA.**

BLUEFIELD—Saxon Lime & Lbr. Co.  
BUCKHANNON—Alton Lbr. Co.  
Drummond T. B. & Co.  
CHARLESTON—Courtney Co.  
Burlew Hardware Co.  
Goshorn Hardware Co.  
CLARKSBURG—Williams Hardware Co.  
FAIRMONT—Lilley Geo. M.  
HUNTINGTON—Miller Supply Co.  
Mossman Bros. Co.  
HURRICANE—McCallister Wm. H.  
KEYSER—Liller W. A. Bldg. Co.  
Steorts H. G.  
MORGANTOWN—Morgantown Brick Co.  
PARKERSBURG—Beckwith Joel  
Chancellor Hardware Co.  
Lowther M. R. & Co.  
Niswander G. W. & Co.  
Senseman J. M. Lumber Co.  
WHEELING—Chapman W. A. & Sons  
Wilson W. A. & Sons, 1409 Main

**WISCONSIN.**

APPLETON—Marston Bros. Co.  
Ideal Lumber & Coal Co.  
ASHLAND—Ashland Lime, Salt & Cement Co.  
BARABOO—Johnston H. M. Lumber Co.  
BEAVER DAM—Roedi & Jacobs Co.  
BELOIT—Beloit Lumber Co.  
Keeler Lumber & Fuel Co.  
McGavock Bros.  
Rock River Lumber Co.  
Star Coal Co.  
BERLIN—Wilbur Lumber Co.  
BLACK EARTH—Mickelson A. A. & Son  
BLACK RIVER FALLS—Black River  
Falls Lumber & Mercantile Assn  
BOSCOBEL—Ruka Bros. Mfg. Co. (Ltd.)  
BURLINGTON—Wilbur Lumber Co.  
CHIPPEWA FALLS—Clark Grain & Fuel Co.  
Coleman H. B.  
EAU CLAIRE—Evans-Lee Co.  
FORT ATKINSON—Zeugner-Hoffman Lumber Co.  
FOUNTAIN CITY—Roettiger H. & F.  
GRAND RAPIDS—Bossert Fred.



GREEN BAY—Barkhausen Henry A.  
Flatley Bros. Co.  
Killman & Challe  
HARTFORD—Grimm John A.  
HONEY CREEK—Wilbur Lumber Co.  
JANESVILLE—Brittingham & Hixon  
Lumber Co.  
Fifield Lumber Co.  
Schaller-McKey Lumber Co.  
KAUKAUNA—Kaukauna Lumber & Mfg.  
Co.  
KENOSHA—Dunnebacke Co.  
LA CROSSE—Colman C. L. Lumber Co.  
Hart H. C. Implement Co.  
Sobkowiak Frank  
LAKE GENEVA—Durkee F. M. & Son  
Wilbur Lumber Co.  
MADISON—Castle & Doyle  
Conklin & Sons Co.  
Cooley C. F.  
MANAWA—Little Wolf River Lumber Co.  
MANITOWOC—Johnson J. G. Co.  
Johnson J. G.  
Manitowoc Land & Fuel Co.  
MARINETTE—Ludington N. Co.  
Lyon Bros.  
MARSHALL—Wilbur Lumber Co.  
MENASHA—Plummer H. H.  
MILTON—Saunders T. A. & Son  
MILWAUKEE—Brandt W. H. & Co., 3015  
Walnut  
Burnham Bros. Brick Co., 50th &  
State  
Cream City Sand Co., 601 Edison  
Druecker Jos. Sons' Co., 347 E North  
av  
Kuenzli Henry & Co.  
Milwaukee Building Supply Co., Pabst  
bldg  
Milwaukee Falls Lime Co.  
Milwaukee Sand & Gravel Co., 779 N  
Water  
Moritz F. G., Pabst bldg  
Penna. Coal & Supply Co., Caswell  
bldg  
Pipkorn W. H. Co., 40 Main  
Ricketson & Schwarz, 111 Mason  
Taylor, Button Fuel Co., 1st Nat. Bk.  
bldg  
Waukesha Lime & Stone Co., 1211  
Humboldt av  
Western Lime & Cement Co., Pabst  
bldg  
Wilbur Lumber Co., 905 Pabst bldg  
MONROE—Becker Wm. A. Co.  
Dodge Lumber Co.  
NORTH LAKE—Wilbur Lumber Co.  
NORTH MILWAUKEE—Eggert Charles  
OSHKOSH—Cook & Brown Lime Co.  
Hollister, Amos & Co.  
PORTAGE—Mohr C. F.  
RACINE—Asdahl & Nelson  
Olley Geo.  
Stoffel & Brach  
RHINELANDER—Brown Bros. Lumber  
Co.  
Robbins Lumber Co.  
RICHLAND CENTER—Krouskop A. H.  
SAUK CITY—Lachmund Lumber & Coal  
Co.  
SEYMOUR—Droeger Hardware Co.  
Miller & Piehl  
SHEBOYGAN—Ebenreiter Lumber Co.  
SILVER LAKE—Wilbur Lumber Co.  
SPRINGFIELD—Wilbur Lumber Co.  
SULLIVAN—Collins Bros. Lumber Co.  
WATERLOO—Wilbur Lumber Co.

WATERTOWN—Burns J. W.  
Tetzlaff H.  
WAUKESHA—Gittner Coal & Supply Co.  
Palmetier & Abel Lumber Co.  
Wilbur Lumber Co.  
WAUSAU—Curtis & Yale Co.  
Nickel Hardware & Supply Co.  
Paff Wm. A.  
Stewart Alexander Lumber Co.  
WEST ALLIS—Wilbur Lumber Co.  
WESTFIELD—Cochrane T. H. Co.  
WHITEWATER—Whitewater Lumber Co.

### WYOMING.

LARAMIE—Holliday W. H. Co.

### 9600—Mast Arms (Arc Lamp, Etc.)

Brady Electric Mfg. Co., New Britain,  
Conn.  
Buffalo Specialty Co. ("Duplex"), 375  
Ellicott, Buffalo, N. Y.  
Creaghead Engineering Co., 340 Main, Cin-  
cinnati, O.  
Cutter Geo. Co. ("Cutter's"), Notre Dame  
& Division, South Bend, Ind.  
Electric Railway Equipment Co., Cincin-  
nati, O.  
Fletcher Mfg. Co., Dayton, O.  
Harrison Electric Co., 411 Van Brunt,  
Brooklyn, N. Y.  
Hubbard Co., 63rd & Butler, Pittsburgh,  
Pa.  
Line Material Co., So. Milwaukee, Wis.  
Lundin Electric & Machine Co., 10  
Thatcher, Boston, Mass.  
Morris Iron & Steel Co., Frederick, Md.  
Pettingell Andrews Co. ("Philbrick"),  
166 Pearl, Boston, Mass.  
Philadelphia Electrical & Mfg. Co. ("Pem-  
co," Made from Pipe), 1236 N 31st,  
Phila., Pa.  
Pittsburgh Transformer Co., Adams &  
Preble av, Pittsburgh, Pa.

### 9601—Masticators (Rubber & Car- bon)

WERNER & PFLEIDERER CO. ("Uni-  
versal" Rubber), Saginaw, Mich.  
*See adv index at end of book*

### 9602—Masts & Spars

Boston Oregon Mast Co., 131 Coleridge,  
East Boston, Mass.  
Endersen Spar & Timber Co., Hoquiam,  
Wash.  
Hoskins J. S. Lumber Mfg. Co., Baltimore,  
Md.  
Lawley Geo. & Son Corp., Neponset, Bos-  
ton, Mass.  
Northwest Lumber Co., Seattle, Wash.  
Ostrander Ry. & Timber Co., Ostrander,  
Wash.  
Pacific Mutual Door Co., Tacoma, Wash.  
Pigeon, Fraser Hollow Spar Co. (Clear  
White Spruce, Hollow & Solid Spars,  
20 to 120 ft.), E Boston, Mass.  
Pope & Talbot, ft. of 3d, San Francisco,  
Cal.  
Puget Mill Co., Seattle, Wash. Mills:  
Port Gamble, Wash.  
St. Paul & Tacoma Lumber Co., Tacoma,  
Wash.

Seattle Construction & Dry Dock Co.,  
Seattle, Wash.  
Simmons John Co. (Tubular Steel), 110  
Centre, New York  
Southern Pine Co. of Ga., Savannah, Ga.  
Tacoma Mill Co., Tacoma, Wash.  
Union Lumber Co., Crocker bldg, San  
Francisco, Cal.  
Union Spar Co., Gloucester, Mass.  
Woodall Wm. E. & Co., ft of Woodall,  
Baltimore, Md.

### 9603—Match Mrs.

Budde & Westermann ("Triangle" Brand  
Safety), 7th av & 29th, New York  
Diamond Match Co., 111 B'way, New York  
& 110 W Kinzie, Chicago, Ill.  
Fear Fred Match Co., Bloomsburg, Pa.  
Huner John T., Evergreen, N. Y.  
Indiana Match Corp., Crawfordsville, Ind.  
McGill J. A. Match Co., 2267 Clybourne av,  
Chicago, Ill.  
Merkle-Wiley Broom Co., Paris, Ill.  
Metropolitan Match Co., 503 Market, San  
Francisco, Cal.  
Ohio Match Co., Wadsworth, O.  
Penna. Match Co., Bellefonte, Pa.  
Reliable Match Co., Ashland, O.  
Sommers Bros. Match Co., Saginaw, Mich.  
Union Match Co., Duluth, Minn.  
Zan Bros., Portland, Ore.

### 9604—Mats (Asbestos Table)

Asbestos & Rubber Works of America,  
58th & B'way, New York  
Carey Philip Mfg. Co., 330 Wayne av,  
Lockland, Cincinnati, O.  
Chicago Asbestos Table Mat Co. ("Peer-  
less"), 215 Loomis, Chicago, Ill.  
Johns H. W.-Manville Co., Madison av &  
41st, New York  
Rishel J. K. Furniture Co., Williamsport,  
Pa.

### 9605—Mats (Blasting)

Anchor Blasting Mat & Rope Co., 245 E  
32d, New York  
du Pont E. I. de Nemours & Co., Wilming-  
ton, Del.  
*For branch offices see adv index at end of book*

### 9606—Mats (Combination Cocoa & Steel)

Hinman D. A. & Co. ("Peerless" Door),  
Sandwich, Ill.

### 9607—Mats (Cork)

Armstrong Cork Co. (Bath & Table), 24th  
& A. V. R. R., Pittsburgh, Pa.  
La Porte Mat & Mfg. Co. (Dreadnought)  
("Foot") ("Steelbound"), La Porte,  
Ind.

### 9608—Mats (Felt, Steel Bound)

La Porte Mat & Mfg. Co. ("Dreadnaught"  
Tread), La Porte, Ind.

### 9609—Mats (Hair)

Pacific Coast Beef & Provision Co., Los  
Angeles, Cal.  
Wilson & Co., 41st & Ashland av, Chicago,  
Ill.

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Page Belting Co., Concord, N. H.  
Paragon Mat Co. (For Cars, Elevators, Schools, Hospitals, etc), Frankford & Worrell, Phila., Pa.  
Salisbury W. H. & Co. (Leather Link), 105 S Wabash av, Chicago, Ill.

### 9611— Mats (Picture)

Bainbridge Chas. T. Sons, 2 Cumberland, Bklyn., N. Y.  
Boston Mat & Basket Co., 94 Commercial, Boston, Mass.  
McLaughlin Wm. J., 9 E 8th, New York  
Mueller Bros. Art & Mfg. Co., 2641 Polk, Chicago, Ill.

#### Mats (Rubber)

See Mats & Matting, Rubber

#### Mats (Steel Wire)

See Mats & Mattings, Steel Wire

### 9612— Mats (Stove)

Gillen-Chambers Co. (Asbestos), Portland, Ore.  
Keasbey & Mattison Co. (Asbestos), Ambler, Pa.  
Peoria Can Co. (Asbestos), Peoria, Ill.

### 9613— Mats (Street Car)

See also Other Mat Classifications

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill. *See adv index at end of book*  
**CARY MFG. CO.** ("Cary" Flexible Steel), Nassau & Jay, Brooklyn, N. Y.  
*See adv index at end of book*  
Paragon Mat Co. (Flexible Link, Rolling, Leather, Rubber or Steel), Frankford & Worrell, Phila., Pa.

### 9614— Mats (Switchboard)

Consumers Rubber Co. ("Euclid"), Cleveland, Ohio  
Standard Woven Fabric Co., Walpole, Mass.

### 9615— Mats (Wire Table)

Woods-Sherwood Co., Worcester, Mass.

### 9616— Mats (Wood)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
Modern Mfg. Co. ("Clean U. Well" Door), Hagerstown, Md.

### 9617— Mats (Wood Rolling)

See also Mats, Street Car

Keystone Wire Matting Co. ("Rolamat"), Beaver Falls, Pa.

### 9618—Mats & Matting (Cocoa)

Darragh Small Co., Ltd. (Calcutta & Domestic), 177 Water, New York  
Eastmond & Co. (Imp), 82 Beaver, New York  
Fels Fibre Fabric Co., Lowell, Mass.  
Heywood Bros. & Wakefield Co., Gardner, Mass.  
India Cocoa Matting Mfg. Co., 393 Flushing av, Brooklyn, N. Y.  
Lamond & Robertson Co., Paterson, N. J.  
McCabe Benj. & Bro., 37 E 18th, New York  
Rancocas Mills ("Diamond J. D."), Trenton, N. J.  
Wild Jos. & Co., 366 5th av, New York

### 9619—Mats & Matting (Rattan, Etc.)

Heywood Bros. & Wakefield Co., Gardner, Mass.

### 9620—Mats & Matting (Rubber)

See also Tile, Rubber  
Acme Rubber Mfg. Co., Trenton, N. J.  
Boston Belting Co., 84 Linden Park, Boston, Mass.  
Boston Woven Hose & Rubber Co. ("Bull Dog," "Tiger," "Standard," "Lenox," "Pyramid," "Lenox Bath"), Cambridge, Mass.  
Bowers Rubber Works, 68 Sacramento, San Francisco, Cal.

Cantslip Manufacturing Co. ("Cantslip"), 16 Cedar, New York  
Cincinnati Rubber Mfg. Co., Cincinnati, O.  
Combination Rubber Mfg. Co., Bloomfield, N. J.

Empire Tire & Rubber Corp. (of Every Description), East Trenton, N. J.  
*See adv index at end of book*

Essex Rubber Co. ("Pyramid"), Trenton, N. J.

Federal Rubber Co. The, Cudahy, Wis.

Goodrich B. F. Co., Akron, O.  
Gutta Percha & Rubber Mfg. Co. (Perforated Door, Barber, Corrugated, Pitcher, Cuspidor, Bottle, Diamond & Glass Mats & Corrugated Matting), 126 Duane, New York

Hamilton Rubber Mfg. Co., Trenton, N. J.  
Hewitt Rubber Co. (Knot Corrugated & Alternate Design; also Perforated Mats), Buffalo, N. Y.

Home Rubber Co., Trenton, N. J.  
Manhattan Rubber Mfg. Co., Passaic, N. J.

Mechanical Rubber Co., Cleveland, O.  
Mercer Rubber Co., Hamilton sq, N. J.  
National India Rubber Co. (Perforated Mould, etc.), Bristol, R. I.

N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
N. Y. Belting & Packing Co., 91 Chambers, New York City

New York Rubber Co. (Corrugated Matting, Reade & Church, New York  
Paragon Mat Co. (Rubber Link & Corrugated Rubber Block), Frankford & Worrell, Phila., Pa.

Pennsylvania Rubber Co. (Corrugated, Cuspidor, Bath Tub, Perforated Pebble, Pressed, Automobile, etc), Jeanette, Pa.

Peerless Rubber Mfg. Co. (also Metal Inserted), 31 Warren, New York

Quabaug Rubber Co., North Brookfield, Mass.

Quaker City Rubber Co., 629 Market, Phila., Pa.

Republic Rubber Co., Youngstown, O.  
Revere Rubber Co., 60 High, Boston, Mass.



Salisbury W. H. & Co. ("Electric," "Perforated" & "Velvet," Interlocking), 105 S Wabash av, Chicago, Ill.  
**Standard Woven Fabric Co., Walpole, Mass.**  
 Thermold Rubber Co. (Mats), Trenton, N. J.  
 Tyer Rubber Co. (Door, Pitcher, Coin & Barbers' Mats), Andover, Mass.  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 Victor Rubber Co., Springfield, O.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 Western Rubber Co. (Door & Small Mats Only), Goshen, Ind.  
 Woven Steel Hose & Rubber Co., Trenton, N. J.

### 9621—Mats & Matting (Steel)

Acme Steel Goods Co. ("Acme" Flexible Reversible Steel Mats), 2834 Archer av, Chicago, Ill.  
*See adv index at end of book*  
**CARY MFG. CO.** ("Cary" Everlasting Flexible), Nassau & Jay, Brooklyn, N. Y. *See adv index at end of book*  
 Cyclone Fence Co. (Sanitary Steel Door Mats), Waukegan, Ill.  
 Hamblin & Russell Mfg. Co. (Elastic Steel Door Mats), Worcester, Mass.  
 Jencks E. Mfg. Co. (Elastic Steel Door Mats), Worcester, Mass.  
 Keystone Wire Matting Co. ("Keystone" Flexible), Beaver Falls, Pa.  
 LaPorte Mat & Mfg. Co. ("Hercules" Flexible), La Porte, Ind.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Morgan Spring Co. (Elastic Steel Door Mats), Worcester, Mass.  
 Pettler Wire Products Co. ("Cleanwell" Flexible Steel), Beaver Falls, Pa.  
 Smith F. P. Wire & Iron Works (Flexible, Flat Steel), Lake & Dearborn, Chicago, Ill. *See adv index at end of book*  
 Wear-Proof Mat. Co. ("Wear-Proof" Galvanized Steel & Creosoted Wood Felt), 500 S Peoria, Peoria, Ill.  
 Wire & Metal Wares Co., Erie, Pa.

### 9622—Mats & Matting (Steel Wire)

Barbe Wire & Iron Works ("National," "Perfect"), 170 N Dearborn, Chicago, Ill.  
 Clinton Wire Cloth Co., Clinton, Mass.  
 Keystone Wire Matting Co. ("Ideal"), Beaver Falls, Pa.  
 La Porte Mat & Mfg. Co. ("Eclipse," Door), La Porte, Ind.  
 Ludlow-Saylor Wire Co., 20 E. Jackson Blvd, Chicago, Ill.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Paragon Mat Co., Frankford & Worrell, Phila., Pa.  
 Parker Wire Goods Co. (Flexible Wire Door Mats), Worcester, Mass.  
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.  
**SMITH F. P. WIRE & IRON WORKS,** Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Standard Wire Co., New Castle, Pa.  
 U. S. Wire Mat Co. ("U. S. Flexible"), Decatur, Ill.  
 Williams Geo. A. & Son ("Keystone," Flexible), 85 Fulton, New York  
 Wire Goods Co. ("Elastic" Steel Door Mats), Worcester, Mass.  
 Worth Wire Works, Kokomo, Ind.

### 9623—Matting (Aluminum)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*  
**METALLIC AUTOMOBILE MATTING CO.,** 181 York, Rochester, N. Y.  
 Seligman Arthur (Imp.), 165 B'way, New York

### 9624—Matting (Electric Floor)

Partrick & Wilkins Co., 51 N 7th, Phila., Pa.

### 9625—Matting (Fibre)

Harvey Fibre Carpet Co. ("Kolorfast"), Trenton & Allegheny av, Phila., Pa.  
 Hodges Fibre Carpet Co., 25 Madison av, New York  
 New England Rug Co. ("Melrose"), Lawrence, Mass.  
 Plymouth Mills, 1115 B'way, New York

### 9626—Matting (Grass)

Crex Carpet Co. ("Crex"), 1134 B'way, New York  
 Jacob Chas. W. & Allison (Imp.), (Raffia Grass), 18 Cedar, New York  
 Waite Grass Carpet Co., Oshkosh, Wis.  
 Willow Grass Rug Co. (Rugs), Green Bay, Wis.

### Matting (Insulating)

See Mats, Switchboard

### 9627—Mattocks

See also Picks, Mattocks & Grub Hoes  
 Warren Tool & Forge Co., Warren, O.  
**WARWOOD TOOL CO.,** Warwood, Wheeling, W. Va.

**WARWOOD TOOL CO.**  
 WHEELING, W. VA.

### 9628—Mattresses

Abbott J. G., Antrim, New Hampshire  
 Abernathy Furniture Co., Kansas City, Mo.  
 Acme Bedding Co., 1511 Bates, Indianapolis, Ind.  
 Acme Mattress Co., Kansas City, Mo.  
 Acme Spring Bed & Mattress Co., Fort Smith, Ark.  
 Adams Mattress Co., Adams, Mass.  
 Advance Bedding Co., La Crosse, Wis.  
 Akron Mattress Mfg. Co., Akron, O.  
 Alabama Broom & Mattress Co., Huntsville, Ala.  
 Albers & Lorenz, 635 E Water, Milwaukee, Wis.  
 American Bedding Co., Superior, Wis.  
 Anchor Spring & Bedding Co., Nashville, Tenn.  
 Anderson Mattress Co., Anderson, Ind.  
 Anderson Mattress & Spring Co., Anderson, S. C.  
 Anderson O. B., Council Bluffs, Ia.  
 Angeles Mattress & Feather Works, 3917 S Main, Los Angeles, Cal.  
 Athens Mattress & Spring Co., Athens, Ga.  
 Augusta Bedding Co., Augusta, Ga.  
 Automatic Woven Wire Supply Co., Mangin & Delancey, New York  
 Avery Frank F., Framingham, Mass.  
 Baker O. D. Co., 60 Canal, Boston, Mass.  
 Balyeat Mfg. Co., Mansfield, O.  
 Bangor Mattress Co., Bangor, Me.  
 Barcalo Mfg. Co., Buffalo, N. Y.  
 Beck Bros., 260 Bruce, Newark, N. J.  
 Bedell Mfg. Co., Washington, D. C.  
 Bellingham Bedding Co., Bellingham, Wash.  
 Bent G. W. Co., 93 Causeway, Boston, Mass.  
 Berger Wm. & Co., 392 Florida, Milwaukee, Wis.  
 Bergstein Bros., 208 Plymouth av, Minneapolis, Minn.  
 Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.  
 Billow-Firestone Co., Columbus, O.  
 Bloom & Godley Co., Trenton, N. J.  
 Bluestone Mattress & Pillow Co., Graham, Va.  
 Blystone F. M., Elmira, N. Y.  
 Blystone W. I. & Son, Jamestown, N. Y.  
 Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Bowles & Bals, Corry, Pa.  
 Bridgman Mattress Co., Knoxville, Tenn.  
 Broadway Bedding Co., Louisville, Ky.  
 Bryant Uph. Furniture Co., 1622 W 7th, Los Angeles, Cal.  
 Buckeye Bedding Co., Dayton, O.  
 Buffalo Mattress Co., Church & Jackson, Buffalo, N. Y.  
 Bunting J. R. Bedding Co., 1505 Wharton, Phila., Pa.  
 Burnett Tom B. Co., Dallas, Tex.  
 Burt Mfg. Co., 226 Eddy, Providence, R. I.  
 California Chair Co., Richmond, Cal.  
 Canton Mattress Co., Canton, O.  
 Carman Mfg. Co., Portland, Ore.  
 Carter Bros. Mattress Co., Chattanooga, Tenn.  
 Cashion J. B. & Sons, Cornelius, N. C.  
 Chandler Co., Worcester, Mass.  
 Chase Furniture & Coffin Co., Dallas, Tex.  
 Chattanooga Mattress Co., Chattanooga, Tenn.  
 Chittenden & Eastman Co., Burlington, Ia.  
 Cleese John P. Co., 18th & York, San Francisco, Cal.  
 Clune M. & Sons, 1407 S Meridian, Indianapolis, Ind.

Cohen Louis, 232 E. 125th, New York  
 Colonial Bedding Co., Fredericksburg, Va.  
 Colorado Bedding Co., Pueblo, Colo.  
 Columbia Feather Co., 413 W Huron, Chicago, Ill.  
 Continental Bedding Co., 86 Beverly, Boston, Mass.  
 Continental Bedding Mfg. Co., 1636 Bryant, San Francisco, Cal.  
 Cooney & Smith, Saginaw, Mich.  
 Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.  
 Crescent Feather Co., 19th & Harrison, San Francisco, Cal.  
 Crescent Felt Mattress Co., Hagen av, New Orleans, La.  
 Danville Lounge & Mattress Co., Danville, Ill.  
 Day H. L. Sons & Co., Bangor, Me.  
 Deinger Mfg. Co., 57 Catherine, Detroit, Mich.  
 Dennis Mfg. Co., Waco, Texas  
 Denison Mattress Factory, Denison, Texas  
 Denver Bedding Co., Denver, Colo.  
 Dixie Cotton Felt Mattress Co., 2024 S Racine av, Chicago, Ill.  
 Dixie Mattress Co., Hattiesburg, Miss.  
 Dodge-Dickinson Co., Bloomington, Ill.  
 Dougherty H. D. & Co., 17th & Indiana, Phila., Pa.  
 Doup L. G. Co., Omaha, Nebr.  
 DuBell Mfg. Co., Bath, N. Y.  
 Dubuque Mattress Factory, Dubuque, Ia.  
 Eau Claire Bedding Co., Eau Claire, Wis.  
 Eckerson Bedding Co., Mechanicsville, N. Y.  
 Empire Mattress Co., 2231 W. Madison, Chicago, Ill.  
 Ervin Mfg. Co., El Paso, Texas  
 Fahnstock & Miller, Chambersburg, Pa.  
 Falls City Bedding Co., Louisville, Ky.  
 Faudrath C. H. & Bro., 219 N Howard, Baltimore, Md.  
 Fogg M. W., 202 Front, New York  
 Folding Mattress Co., New Haven, Conn.  
 Fort Pitt Bedding Co., Liverpool & Preble, Pittsburgh, Pa.  
 Fort Worth Feather & Mattress Factory, Fort Worth, Texas  
 Fort Worth Mattress & Comfort Mfg. Co., Fort Worth, Texas  
 Foster Bros. Mfg. Co., 320 N Holliday, Baltimore, Md.  
 Fowler John P. & Co., 1434 Wabash av, Chicago, Ill.  
 Garetson Mfg. Co., San Diego, Cal.  
 Gavin Joseph, 1133 S 8th, Phila., Pa.  
 Gholstin-Cunningham Spring Bed Co., Atlanta, Ga.  
 Glen Nicholas T., Phila., Pa.  
 Globe Mattress Mfg. Co., 164 North, Boston, Mass.  
 Graham Mattress Co., Graham, Va.  
 Greater New York Bedding Co., 39 East, New York  
 Grona A., San Antonio, Texas  
 Gross H. E. & Co., 823 Rebecca, Pittsburgh, Pa.  
 Haase Conrad, Evansville, Ind.  
 Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.  
 Hall Frank A. & Sons, 120 Baxter, New York  
 Harbach's L. Sons Co., Des Moines, Ia.  
 Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.  
 Hardock Benj., 531 N 2d, Phila., Pa.  
 Hartman Bros., Quincy, Ill.  
 Harvey Wm., Norristown, Pa.  
 Hasselbarth C. O., Albany, N. Y.  
 Haynes Mattress Factory, Sealy, Texas  
 Hemenway Furniture Co., Alexandria, La.  
 Herr Mfg. Co., Lancaster, Pa.  
 Hess William T., York, Pa.  
 Hewitt L. & R. T., South Wethersfield, Conn.  
 Hirsch & Spitz Mfg. Co., Atlanta, Ga.  
 Hirschman J. C. Co., 1201 E Maryland, Indianapolis, Ind.  
 Hodges Frederick G., Reading, Pa.  
 Hoey John & Co., Alameda & Rhode Island, San Francisco, Cal.  
 Hoffman Henry Spring Bed Co., 246 Cherry, N. Y.  
 Holman John & Co., 134 Richmond, Boston, Mass.  
 Hot Blast Feather Co., Grand Rapids, Mich.  
 Hotchkiss & Son, Lawrenceville, Pa.  
 Hub Furniture Co., Fort Worth, Texas  
 Hunt M. A. Co., Dempsey & C H & D Ry, Cincinnati, O.  
 Hyman Frank, 1329 Clybourn, Chicago, Ill.  
 International Bedding Co., Chase & Guilford, Baltimore, Md.



Isenberg Bedding Co., Wilmington, Del.  
 Jacobs Brothers Mfg. Co., Champaign, Ill.  
 Jacobs & Wait, Champaign, Ill.  
 James River Furniture & Mattress Co.  
 (Combination), Richmond, Va.  
 Jamestown Spring Bed Co., Jamestown,  
 N. Y.  
 Jamison Spring & Mattress Co., Nashville,  
 Tenn.  
 Jenks & Muir Mfg. Co., 1441 Hastings,  
 Detroit, Mich.  
 Johnson C. Upholstering Co., Youngs-  
 town, O.  
 Joppa Mattress Co., Little Rock, Ark.  
 Kaiser Jacob Mfg. Co., 3d & Elm, St.  
 Louis, Mo.  
 Karcher Jacob, Castorland, N. Y.  
 Karr Francis Co., 1322 W Monroe, Chi-  
 cago, Ill.  
 Kentucky Bedding Co., Louisville, Ky.  
 Kenyon Chas. F., Ocean Grove, N. J.  
 Kernan John F., Oswego, N. Y.  
 Kimball & Chapell Co., 2834 Loomis,  
 Chicago, Ill.  
 Kindel Bedding & Renovating Co., Den-  
 ver, Colo.  
 King-Fisher Mattress Co., Portland, Ore.  
 Kleck J. W., San Antonio, Texas  
 Knoxville Excelsior & Mattress Co., Knox-  
 ville, Tenn.  
 Lariew J. R., Elmira, N. Y.  
 Laycock T. B. Son & Co., Indianapolis,  
 Ind.  
 Lears C. H. & Sons, 934 W Baltimore,  
 Baltimore, Md.  
 Leath A. & Co., Elgin, Ill.  
 Lewis Comyn, Charleston, W. Va.  
 Little Rock Furniture Mfg. Co., Little  
 Rock, Ark.  
 Little Rock Mattress Co., Little Rock,  
 Ark.  
 Logan A. J. Co., 29th & Liberty, Pitts-  
 burgh, Pa.  
 Longview Mattress Co., Longview, Texas  
 Lottman C. F., Houston, Texas  
 Louisville Pillow Co., Louisville, Ky.  
 Lupfer George B. Co., Columbus, O.  
 Lycoming Bedding Co., Williamsport, Pa.  
 McEntire Brothers, Topeka, Kans.  
 McHose & Pardoe, Fargo, N. Dak.  
 McMahon William H., 244 S 2d, Phila., Pa.  
 Macon Mattress Mfg. Co., Macon, Ga.  
 Magaril Morris, 19 Moore, Brooklyn, N. Y.  
 Magee Mfg. Co., 1518 Tchoupitoulas, New  
 Orleans, La.  
 Malden C. C. & Mattress Co., Malden,  
 Mass.  
 Marion Mattress Works, Marion, Ind.  
 Martin W. H., Sioux Falls, S. Dak.  
 Mebane Bedding Co., Mebane, N. C.  
 Meislahn C. F. & Co., 19 Clay, Baltimore,  
 Md.  
 Memphis Mattress Co., Memphis, Tenn.  
 Meridian Mattress Factory, Meridian, Miss.  
 Merrimac Mattress Mfg. Co., 129 Portland,  
 Boston, Mass.  
 Metropolitan Mattress Co., 47 Wareham,  
 Boston, Mass.  
 Metzger Mattress Co., Atlanta, Ga.  
 Michigan Bedding Co., 262 Orleans, De-  
 troit, Mich.  
 Milwaukee Bedding Co., 292 4th Milwau-  
 kee, Wis.  
 Missouri Mattress & Glove Mfg. Co., Cape  
 Girardeau, Mo.  
 Montana Mattress & Furniture Co., Butte,  
 Mont.  
 Mount Vernon Mattress & Furniture Co.,  
 Mount Vernon, Ill.  
 Muskogee Mattress & Mfg. Co., Muskogee,  
 Okla.  
 Myers-Spalti Mfg. Co., Houston, Tex.  
 Nashville Spring & Mattress Co., Nash-  
 ville, Tenn.  
 National Bedding Co., 237 S 2d, Phila., Pa.  
 National Mattress Co., Lynchburg, Va.  
 National Spring Bed Co., New Britain,  
 Conn.  
 Nelson Bros., Wilkes-Barre, Pa.  
 Newark Spring Mattress Co., 80 Madison,  
 Newark, N. J.  
 New England Co., 321 Congress, Boston,  
 Mass.  
 New York Mattress Co., 82 Green, Boston,  
 Mass.  
 Norfolk Bed Mfg. Co., Norfolk, Va.  
 Norfolk Mattress Co. (Combination Straw  
 & Cotton), Norfolk, Va.  
 Northwestern Bedding & Mfg. Co., St.  
 Paul, Minn.  
 Norton Mattress & Mfg. Co., Norton, Va.  
 Oates Mattress Co., Little Rock, Ark.  
 Ohio Spring Bed Co., Cleveland, O.  
 Ohio Valley Mattress Co., Wheeling, W. Va.  
 Oklahoma Spring Bed Mfg. Co., Oklahoma,  
 Okla.

Olive & Myers Mfg. Co., Dallas, Tex.  
 Olmsted & Tuttle Co., Chicopee, Mass.  
 Onondaga Bed Mfg. Co., Syracuse, N. Y.  
 Orleans Felt Mattress Works, 512 Conti,  
 New Orleans, La.  
 Orrville Bedding Co., Orrville, O.  
 Oshkosh Bedding & Couch Co., Oshkosh,  
 Wis.  
 Osiason J., Fall River, Mass.  
 Ostermoor & Co., 116 Elizabeth, New  
 York  
 Paetz Chas. H., St. Joseph, Mo.  
 Palmer Galvanic Bed Co., 231 E 9th, New  
 York  
 Palmer & Hardin, Louisville, Ky.  
 Paris Mattress Mfg. Co., Paris, Tex.  
 Parkersburg Mattress Co., Parkersburg,  
 W. Va.  
 Parlor Furniture & Mattress Co., Fremont,  
 Neb.  
 Patterson Thos. D., 89 Manhattan, New  
 York  
 Patton-Black Mfg. Co., Jackson, Tenn.  
 Peerless Bedding Co., Bellefontaine, O.  
 Peoria Lounge & Mattress Co., Peoria, Ill.  
 Petrik J. F. & Sons, Topeka, Kans.  
 Pettit Feather & Bedding Co., Portland,  
 Ore.  
 Plotkin S. J., Johnstown, Pa.  
 Porterfield Ira J., 2019 Ridge av, Phila.,  
 Pa.  
 Preuss R. J. Co., 388 38th, Milwaukee,  
 Wis.  
 Puritan Bed Spring Co., 1002 Kentucky  
 av, Indianapolis, Ind.  
 Queen City Mattress Co., 946 Betts, Cin-  
 cinnati, O.  
 Raider David, 518 E 20th, New York  
 Rehkopfs Mattress Co., Texarkana, Tex.  
 Renn-Davis & Co. (All Kinds), Ports-  
 mouth, Va.  
 Richards Fred J., Springfield, Mass.  
 Riverside Mfg. Co., Moultrie, Ga.  
 Robinson-Rodgers Co., 27 N. J. R. R. av,  
 Newark, N. J.  
 Rock River Cotton Co., Janesville, Wis.  
 Rogers Chas. P. & Co., 14 E 33d, New  
 York  
 Rose Spring & Mattress Co., Memphis,  
 Tenn.  
 Rudge & Guenzel Co., Lincoln, Neb.  
 Runyon J. D. Mfg. Co., 190 1st, Jersey  
 City, N. J.  
 Russell L. R., Bay City, Mich.  
 Russell & Russell, South Bend, Ind.  
 Salem Mattress Co., Salem, Va.  
 Salsbury & Satterlee Co., Minneapolis,  
 Minn.  
 Salt Lake Mattress & Mfg. Co., Salt Lake  
 City, Utah  
 Sammet G. W. & Son Co., 8 Atlantic av,  
 Boston, Mass.  
 Sanitary Feather Co., 422 S Canal, Chi-  
 cago, Ill.  
 Sanitary Felting & Mattress Co., South  
 Bend, Ind.  
 Sanitary Mattress Co., Youngstown, O.  
 Scaritt-Comstock Furniture Co., St. Louis,  
 Mo.  
 Schaefer Joseph, Fort Wayne, Ind.  
 Schick Wm. Mfg. Co., Topeka, Kans.  
 Schmitt & Henry Mfg. Co., Des Moines,  
 Ia.  
 Schmitz Joseph, Lancaster, Pa.  
 Schrock W. A., Richmond, Cal.  
 Schultz & Hirsch Co., 1300 Fulton, Chi-  
 cago, Ill.  
 Schuster & Co., 414 N Howard, Balti-  
 more, Md.  
 Schwartz Abraham, 62 Bergen, Brooklyn,  
 N. Y.  
 Scranton Bedding Co., Scranton, Pa.  
 Sealy Mattress Co., Sugarland, Tex.  
 Seattle Mattress & Uph. Co., Seattle,  
 Wash.  
 Sheboygan Mattress Co., Sheboygan, Wis.  
 Shreveport Mfg. Co., Shreveport, La.  
 Sigmon Furniture Mfg. Co., Chickasha,  
 Okla.  
 Simmang Frank, San Antonio, Texas  
 Sleep Well Mattress Co., Los Angeles,  
 Cal.  
 Smith Brothers, Ogden, Utah  
 Smith Mattress Co., Marion, O.  
 Smith & Jones, 216 E 37th, New York  
 Southern Bedding Mfg. Co., Austin, Tex.  
 Southern Furniture Co., Texarkana, Tex.  
 Southern Mattress Works, 1109 Annuncia-  
 tion, New Orleans, La.  
 Specialty Mattress Co., Huntington, West  
 Va.  
 Sperry & Beale Co., 141 King, Brooklyn,  
 N. Y.  
 Springfield Mattress Co., Springfield, Ill.

St. Louis Felt & Bedding Co., 208 S 17th,  
 St. Louis, Mo.  
 Stearns & Foster Co., Lockland, O.  
 Stengel Barney, 3783 3d av, New York  
 Stockwell L. W. Co., 4th & Alameda,  
 Los Angeles, Cal.  
 Superior Mattress Co., St. Louis, Mo.  
 Sussman Harris, 232 E 111th, New York  
 Taylor Bedding Mfg. Co., Taylor, Texas  
 Taylor Mattress Co., Salisbury, N. C.  
 Terre Haute Spring & Mattress Co., Ter-  
 re Haute, Ind.  
 Tillman Brothers, La Crosse, Wis.  
 Toledo Mattress Factory, Toledo, O.  
 Trenton Spring Mattress Co., Trenton,  
 N. J.  
 Triumph Couch Bed Co., 8 Bartlett sq,  
 Boston, Mass.  
 Troy Woven Wire Spring Co., Troy, N. Y.  
 Turner Bedding Factory, Pine Bluff, Ark.  
 Twin City Bedding Co., Marinette, Wis.  
 Uchtman F. H. & Co., 209 Woodward,  
 Cincinnati, O.  
 Union Mattress Co., Sioux City, Ia.  
 Union Wire Mattress Co., Blackhawk &  
 Cherry, Chicago, Ill.  
 U. S. Bedding Co., Memphis, Tenn.  
 United States Bedding Co., St. Paul,  
 Minn.  
 Utah Bedding & Mfg. Co., Salt Lake City,  
 Utah  
 Utica Bedding Factory, Utica, N. Y.  
 Van Vorst C. B. Co., Los Angeles, Cal.  
 Vincent Frank J., Little Falls, N. Y.  
 Waco Mattress Factory, Waco, Texas  
 Walsh M. S., Williamsport, Pa.  
 Warren Carpet Cleaning & Mattress Co.,  
 Malden, Mass.  
 Washington Mattress Co., Seattle, Wash.  
 Waterbury Mattress Co., Waterbury, Conn.  
 Watertown Mattress Mfg. Co., Watertown,  
 N. Y.  
 Wecker & Co., 1437 Milwaukee av, Chi-  
 cago, Ill.  
 Wegman Wm. J. Co., Rochester, N. Y.  
 Weigell A. & Son, Milwaukee, Wis.  
 Welch E. B. Co., El Paso, Texas  
 Wesner-Rast Mfg. Co., Cameron, South  
 Carolina  
 Wessel Herman Mfg. Co., 616 Main, Cin-  
 cinnati, O.  
 West End Mattress Co., 68 Pitts, Boston,  
 Mass.  
 Western Furniture & Mfg. Co., Lincoln,  
 Neb.  
 Western Mattress & Bedding Co., Liberty  
 & Baymiller, Cincinnati, O.  
 Western Wire Mattress Co., 16th & San  
 Bruno av, San Francisco, Cal.  
 Wetterhold Geo., Wichita, Kans.  
 Wheeling Mattress Co., Wheeling, West  
 Va.  
 Woelfel & Bros., 1703 Fleet, Baltimore,  
 Md.  
 Woerner M. N., 616 Blackhawk, Chicago,  
 Ill.  
 Wolf Paul E. Bedding Co., Fort Wayne,  
 Ind.  
 Wolfberg Jacob, Altoona, Pa.  
 Wuest Adam, 514 E Pearl, Cincinnati, O.  
 Youngstown Mattress Co., Youngstown, O.  
 Ziegler Bedding Co., Calumet, Mich.

## 9629—Mattresses (Air)

Mechanical Fabric Co., 40 Sprague, Provi-  
 dence, R. I.

## 9630—Mattresses (Cotton Felt)

See also Mattresses

Acme Mattress Co., Kansas City, Mo.  
 Acme Spring Bed & Mattress Co., Fort  
 Smith, Ark.  
 Adams Mattress Co., Adams, Mass.  
 Advance Bedding Co., La Crosse, Wis.  
 American Bedding Co., Superior, Wis.  
 Anchor Spring & Bedding Co., Nashville,  
 Tenn.  
 Anderson Mattress Co., Anderson, Ind.  
 Angelus Couch & Furniture Mfg. Co., Los  
 Angeles, Cal.  
 Athens Mattress & Spring Bed Co., Athens,  
 Ga.  
 Bellingham Bedding Co., Bellingham,  
 Wash.  
 Berger William & Co., Milwaukee, Wis.  
 Bernstein Mfg. Co., 3d & Allegheny, Phila.,  
 Pa.  
 Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Broadway Bedding Co., Louisville, Ky.  
 Buckeye Bedding Co., Dayton, O.  
 Buffalo Mattress Co., Church & Jackson,  
 Buffalo, N. Y.  
 Burnett Tom B. Co., Dallas, Tex.



Colonial Bedding Co., Fredericksburg, Va.  
 Colorado Bedding Co., Pueblo, Colo.  
 Columbia Feather Co., 413 W Huron, Chicago, Ill.  
 Continental Bedding Co., 86 Beverly, Boston, Mass.  
 Continental Bedding Mfg. Co., 1636 Bryant, San Francisco, Cal.  
 Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.  
 Crescent Felt Mattress Co., Hagen av, New Orleans, La.  
 Denison Mattress Factory, Denison, Tex.  
 Denver Bedding Co., Denver, Colo.  
 Dixie Cotton Felt Mattress Co., 2024 S Racine av, Chicago, Ill.  
 Dubuque Mattress Factory, Dubuque, Ia.  
 Eau Claire Bedding Co., Eau Claire, Wis.  
 Falls City Bedding Co., Louisville, Ky.  
 Fort Pitt Bedding Co., Liverpool & Preble, Pittsburgh, Pa.  
 Foster Bros. Mfg. Co., 320 N Holiday, Baltimore, Md.  
 Graham Mattress Co., Graham, Va.  
 Hammond Bedding Co., Hammond, Ind.  
 Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.  
 Haynes Mattress Factory, Sealy, Tex.  
 Hemenway Furniture Co., Alexandria, La.  
 Hot Blast Feather Co., Grand Rapids, Mich.  
 International Bedding Co., Chase & Guilford, Baltimore, Md.  
 James River Furniture & Mattress Co., Richmond, Va.  
 Joppa Mattress Co., Little Rock, Ark.  
 King-Fisher Mattress Co., Portland, Ore.  
 Lewis Comyn, Charlestown, W. Va.  
 Little Rock Mattress Co., Little Rock, Ark.  
 Macon Mattress Mfg. Co., Macon, Ga.  
 Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.  
 Montana Mattress & Furniture Co., Butte, Mont.  
 Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.  
 National Bedding Co., 237 S 2d, Phila., Pa.  
 New England Bedding Co., 321 Congress, Boston, Mass.  
 Norfolk Mattress Co., Norfolk, Va.  
 Olmsted & Tuttle Co., Chicopee, Mass.  
 Orleans Felt Mattress Works, 512 Conti, New Orleans, La.  
 Orrville Bedding Co., Orrville, O.  
 Oshkosh Bedding & Couch Co., Oshkosh, Wis.  
 Ostermoor & Co., 116 Elizabeth, New York  
 Paris Mattress Mfg. Co., Paris, Tex.  
 Parlor Furniture & Mattress Co., Fremont, Neb.  
 Queen City Mattress Co., 946 Betts, Cincinnati, O.  
 Raider David, 518 E 20th, New York  
 Rock River Cotton Co., Janesville, Wis.  
 Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah  
 Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.  
 Sanitary Felting & Mattress Co., South Bend, Ind.  
 Schaefer Joseph, Fort Wayne, Ind.  
 Scranton Bedding Co., Scranton, Pa.  
 Sealy Mattress Co., Sugarland, Texas  
 Seattle Mattress & Uph. Co., Seattle, Wash.  
 Sleep Well Mattress Co., Los Angeles, Cal.  
 Southern Bedding Mfg. Co., Austin, Texas  
 Southern Mattress Works, 1109 Annunciation, New Orleans, La.  
 Springfield Mattress Co., Springfield, Ill.  
 St. Louis Felt & Bedding Co., St. Louis, Mo.  
 Stengel Barney, 3783 3d av, New York  
 Stearns & Foster Co., Lockland, O.  
 Superior Mattress Co., St. Louis, Mo.  
 Taylor Mattress Co., Salisbury, N. C.  
 Twin City Bedding Co., Marinette, Wis.  
 Turner Bedding Factory, Pine Bluff, Ark.  
 U. S. Bedding Co., Memphis, Tenn.  
 Vincent Frank J., Little Falls, N. Y.  
 Washington Mattress Co., Seattle, Wash.  
 Washtik Co., Nicholas bldg, Toledo, O.  
 Waterbury Mattress Co., Waterbury, Conn.  
 Wecker & Co., 1437 Milwaukee av, Chicago, Ill.  
 Western Furniture & Mfg. Co., Lincoln, Neb.  
 Youngstown Mattress Co., Youngstown, O.  
 Ziegler Bedding Co., Calumet, Mich.

### 9631—Mattresses (Excelsior)

Anderson Mattress Co., Anderson, Ind.  
 Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Buffalo Mattress Co., Church & Jackson, Buffalo, N. Y.  
 Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.  
 Muskogee Mattress & Mfg. Co., Muskogee, Okla.  
 Riverside Mfg. Co., Moultrie, Ga.

### 9632—Mattresses (Hair)

See also Mattresses

Acme Mattress Co., Kansas City, Mo.  
 Adams Mattress Co., Adams, Mass.  
 Augusta Bedding Co., Augusta, Ga.  
 Baker O. D. Co., 60 Canal, Boston, Mass.  
 Bangor Mattress Co., Bangor, Me.  
 Berger William & Co., 392 Florida, Milwaukee, Wis.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Broadway Bedding Co., Louisville, Ky.  
 Buffalo Mattress Co., Church & Jackson, Buffalo, N. Y.  
 Colonial Bedding Co., Fredericksburg, Va.  
 Columbia Feather Co., 413 W Huron, Chicago, Ill.  
 Cudahy Curled Hair Wks., 111 W Monroe, Chicago, Ill.  
 Denison Mattress Factory, Denison, Tex.  
 Eau Claire Bedding Co., Eau Claire, Wis.  
 Graham Mattress Co., Graham, Va.  
 Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.  
 Hunt M. A. Co., Dempsey & C. H. & D. Ry., Cincinnati, O.  
 International Bedding Co., Chase & Guilford, Baltimore, Md.  
 Kentucky Bedding Co., Louisville, Ky.  
 Kindel Bedding & Ren. Co., Denver, Colo.  
 Knoxville Excelsior & Mattress Co., Knoxville, Tenn.  
 Lewis Comyn, Charlestown, W. Va.  
 McHose & Pardoe, Fargo, North Dak.  
 Marlon Mattress Works, Marlon, Ind.  
 Mount Vernon Mattress & Furniture Co., Mount Vernon, Ill.  
 Muskogee Mattress & Mfg. Co., Muskogee, Okla.  
 Nashville Spring & Mattress Co., Nashville, Tenn.  
 National Bedding Co., 237 S 2d, Phila., Pa.  
 Orleans Felt Mattress Works, 512 Conti, New Orleans, La.  
 Orrville Bedding Co., Orrville, O.  
 Ostermoor & Co., 116 Elizabeth, New York  
 Paris Mattress Mfg. Co., Paris, Texas  
 Parkersburg Mattress Co., Parkersburg, West Va.  
 Peerless Bedding Co., Bellefontaine, O.  
 Rose Spring & Mattress Co., Memphis, Tenn.  
 Rudge & Guenzel Co., Lincoln, Neb.  
 Salisbury & Satterlee Co., Minneapolis, Minn.  
 Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah  
 Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.  
 Sanitary Mattress Co., Youngstown, O.  
 Schaefer Joseph, Fort Wayne, Ind.  
 Schultz & Hirsch Co., 1300 Fulton, Chicago, Ill.  
 Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.  
 Scranton Bedding Co., Scranton, Pa.  
 Seattle Mattress & Uph. Co., Seattle, Wash.  
 Sleep Well Mattress Co., Los Angeles, Cal.  
 Smith Mattress Co., Marion, O.  
 Southern Mattress Works, 1109 Annunciation, New Orleans, La.  
 Specialty Mattress Co., Huntington, West Va.  
 Sperry & Beale Co., 141 King, Brooklyn, N. Y.  
 Springfield Mattress Co., Springfield, Ill.  
 St. Louis Felt & Bedding Co., St. Louis, Mo.  
 Stengel Barney, 3783 3d av, New York  
 Superior Mattress Co., St. Louis, Mo.  
 Taylor Mattress Co., Salisbury, N. C.  
 Turner Bedding Factory, Pine Bluff, Ark.  
 Twin City Bedding Co., Marinette, Wis.  
 Utah Bedding & Mfg. Co., Salt Lake City, Utah  
 Wecker & Co., 1437 Milwaukee av, Chicago, Ill.  
 Welch E. B. Co., El Paso, Texas

West End Mattress Co., 68 Pitts, Boston, Mass.  
 Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, O.  
 Wheeling Mattress Co., Wheeling, W. Va.  
 Wuest Adam, 514 E Pearl, Cincinnati, O.  
 Youngstown Mattress Co., Youngstown, Ohio

### 9633—Mattresses (Silk Floss)

See also Mattresses

Advance Bedding Co., La Crosse, Wis.  
 Angelus Couch & Furniture Mfg. Co., 3917 S Main, Los Angeles, Cal.  
 Bernstein Mfg. Co., 3d & Allegheny av, Phila., Pa.  
 Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Buffalo Mattress Co., Church & Jackson, Buffalo, N. Y.  
 Colonial Bedding Co., Fredericksburg, Va.  
 Colorado Bedding Co., Pueblo, Colo.  
 International Bedding Co., Chase & Guilford, Baltimore, Md.  
 Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.  
 Norfolk Mattress Co., Norfolk, Va.  
 Orleans Felt Mattress Works, 512 Conti, New Orleans, La.  
 Orrville Bedding Co., Orrville, O.  
 Oshkosh Bedding & Couch Co., Oshkosh, Wis.  
 Robinson-Rodgers Co., 27 N. J. R. R. av, Newark, N. J.  
 Schwartz Abraham, 62 Bergen, Brooklyn, N. Y.  
 Sperry & Beale Co., 141 King, Brooklyn, N. Y.  
 Springfield Mattress Co., Springfield, Ill.  
 Stengel Barney, 3783 3d av, New York  
 Taylor Mattress Co., Salisbury, N. C.  
 Twin City Bedding Co., Marinette, Wis.  
 Warren Carpet Cleaning & Mattress Co., Malden, Mass.  
 Wecker & Co., 1437 Milwaukee av, Chicago, Ill.  
 Wuest Adam, 514 E Pearl, Cincinnati, O.

### 9634—Mattresses (Woven Wire)

See also Mattresses

Abbott John G. (Est. of), Antrim, N. H.  
 Acme Spring Bed & Mattress Co., Fort Smith, Ark.  
 Advance Bedding Co., La Crosse, Wis.  
 American Bed Co., 18th & Park av, St. Louis, Mo.  
 Anchor Spring & Bedding Co., Nashville, Tenn.  
 Anderson Mattress & Spring Bed Co., Anderson, S. C.  
 Athens Mattress & Spring Bed Co., Athens, Ga.  
 Atlanta Metal Bed Co., Atlanta, Ga.  
 Automatic Woven Wire Supply Co., Mangin & Delancey, New York  
 Barber Mfg. Co., Anderson, Ind.  
 Barcalo Mfg. Co., Buffalo, N. Y.  
 Berger William & Co., 392 Florida, Milwaukee, Wis.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Billow-Firestone Co., Columbus, O.  
 Birmingham Bed Co., Birmingham, Ala.  
 Bloom & Godley Co., Trenton, N. J.  
 Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Brandt A. Upholstering Co., Fort Worth, Texas  
 Brown Bed Mfg. Co., Kansas City, Mo.  
 Bunting J. R. Bedding Co., 1505 Wharton, Phila., Pa.  
 Carlson L. M., Grand Island, Nebr.  
 Carmen Mfg. Co., Portland, Ore.  
 Carthage Superior Spring Bed Mfg. Co., Carthage, Mo.  
 Champion Bed Spring Co., E 37th, Cleveland, O.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Clinton Furniture Co., Clinton, Ia.  
 Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.  
 Crescent Bed Co., Ltd., Gravier & Broad, New Orleans, La.  
 Curtiss Bros., Richland, N. Y.  
 Deinzer Mfg. Co., 57 Catherine, Detroit, Mich.  
 Dubuque Mattress Factory, Dubuque, Ia.  
 Eckerson Bedding Co., Mechanicsville, N. Y.  
 Empire Spring Bed Works, Elmira, N. Y.  
 Englander Spring Bed Co., 615 W 39th, Chicago, Ill.  
 Enterprise Bed Co., Hammond, Ind.



Evansville Metal Bed Co., Evansville, Ind.  
 Evansville Surprise Bed Spring Co., Evansville, Ind.  
 Foster Bros. Mfg. Co., 320 N Holliday, Baltimore, Md.  
 Foster Bros. Mfg. Co., B'way & Buchanan, St. Louis, Mo.  
 Foster Bros. Mfg. Co., Utica, N. Y.  
 Gasau-Thompson Co., 10 Ashland pl, Brooklyn, N. Y.  
 Gholstin-Cunningham Spring Bed Co., Atlanta, Ga.  
 Granite State Spring Bed Co., Nashua, N. H.  
 Haggard & Marcusson Co., 1109 W 37th, Chicago, Ill.  
 Hard Mfg. Co., 117 Tonawanda, Buffalo, N. Y.  
 Hasselbarth C. O., Albany, N. Y.  
 Hasselbarth-Whiton Co., Utica, N. Y.  
 Herr Mfg. Co., Lancaster, Pa.  
 Hodges F. G., Reading, Pa.  
 Hoffman Henry Spring Bed Co., 396 Madison, New York  
 Holman John & Co., 134 Richmond, Boston, Mass.  
 Hunt Spring Bed Co., Chattanooga, Tenn.  
 Huntington Spring Bed Co., Huntington, W. Va.  
 Jamestown Spring Bed Co., Jamestown, N. Y.  
 Karr Francis Co., 1322 W Monroe, Chicago, Ill.  
 Kauffman Mfg. Co., Ashland, O.  
 Kinney-Rome Co., 3617 S Racine av, Chicago, Ill.  
 Lariew J. R., Elmira, N. Y.  
 Laycock T. B. Son & Co., Indianapolis, Ind.  
 Leggett & Platt Spring Bed & Mfg. Co., Carthage, Mo.  
 Manhattan Spring Bed Co., 9 Elizabeth, New York  
 Mellow & Storm Mfg. Co., 10th & Mulanphy, St. Louis, Mo.  
 Metal Furniture Co., Evansville, Ind.  
 Metzger Mattress Co., Atlanta, Ga.  
 Milwaukee Women Wire Works, 3014 Clarke, Milwaukee, Wis.  
 Morrow Jas. R., Fort Wayne, Ind.  
 Moore Mfg. Co., Muncie, Ind.  
 Myers-Spati Mfg. Co., Houston, Texas  
 National Bedding Co., 237 S 2nd, Phila., Pa.  
 National Bed Spring Co., 2728 Hillock av, Chicago, Ill.  
 National Spring Bed Co., New Britain, Conn.  
 Newark Spring Mattress Co., 80 Madison, Newark, N. J.  
 New England Bedding Co., 77 Washington, N. Boston, Mass.  
 New Haven Spring Bed Co., New Haven, Conn.  
 Norfolk Mattress Co., Norfolk, Va.  
 Ohio Spring Bed Co., Cleveland, O.  
 Oklahoma Spring Bed Mfg. Co., Oklahoma, Oklahoma  
 Pacific Spring Bed Co., Berkeley, Cal.  
 Pacific Steel Furniture Mfg. Co., Seattle, Wash.  
 Palmer Galvanic Bed Co., 231 E 9th, New York  
 Perfection Bed Spring Co., Mansfield, O.  
 Pittsburgh-Hickson Co., Butler, Pa.  
 Pittsburgh Metal Bed Co., 1136 Brown, Pittsburgh, Pa.  
 Preuss R. J. Co., 388 38th, Milwaukee, Wis.  
 Puritan Bed Spring Co., 1002 Kentucky av, Indianapolis, Ind.  
 Queen City Iron Folding Bed Co., 26 W 3d, Cincinnati, O.  
 Reilly & Manz, 192 R R av, Jersey City, N. J.  
 Rogers Chas. P. & Co., 14 E 33rd, New York  
 Rose Spring & Mattress Co., Memphis, Tenn.  
 Rudge-Merle Co., Bay & Stockton, San Francisco, Cal.  
 Sammet G. W. & Son Co., 8 Atlantic av, Boston, Mass.  
 Sanitary Folding Bed & Mfg. Co., Kansas City, Mo.  
 Schmitt & Henry Mfg. Co., Des Moines, Ia.  
 Schomer Henry Co., 509 Mather, Chicago, Ill.  
 Shannon Bed Spring Co., Louisville, Ky.  
 Simmons Co., Kenosha, Wis.  
 Smith & Davis Mfg. Co., 20th & Locust, St. Louis, Mo.  
 Southern-Rome Co., 62 W Pratt, Baltimore, Md.

Southern Spring Bed Co., Atlanta, Ga.  
 Staples & Hanford Co., Newburgh, N. Y.  
 Sussman Harris, 232 E 111th, New York  
 Trenton Spring Mattress Co., Trenton, N. J.  
 Troy Woven Wire Spring Co., Troy, N. Y.  
 Turk Jos. Mfg. Co., Bradley, Ill.  
 Union Wire Mattress Co., Blackhawk & Cherry, Chicago, Ill.  
 U. S. Cabinet Bed Co., 336 Delancey, New York  
 United States Spring Bed Co., Springfield, Mass.  
 Van Vorst C. B. Co., Los Angeles, Cal.  
 Victor Spring Bed Co., 208 W. Robinson, Pittsburgh, Pa.  
 Vincent-Alward Co., Kenosha, Wis.  
 Wagner Spring Bed Mfg. Co., Holyoke, Mass.  
 Weborg Bros. Spring Bed Co., Jamestown, N. Y.  
 Weissglass S., 119 West, Brooklyn, N. Y.  
 Wesner-Rast Mfg. Co., Cameron, S. C.  
 West End Spring Bed Co., 66 Pitts, Boston, Mass.  
 Western Wire Mattress Co., 16th & San Bruno av, San Francisco.  
 York Woven Wire Mattress Co., York, Pa.  
 Zimmer Geo. W., 2743 High, Chicago, Ill.

### 9635—Mauls (Coal)

Beall Bros. (Long & Short), Alton, Ill.  
 Warren Tool & Forge Co., Warren, O.

### 9636—Mauls (Post, Cast Iron, Etc.)

Barber Mfg. Co., Ashtabula, O.  
 Eagle Machine Co., Lancaster, O.  
 Gowanda Agricultural Works, Gowanda, N. Y.  
 Heath Foundry & Mfg. Co., Plymouth, O.  
 Indiana Foundry Co., Indiana, Pa.  
 Kramer Bros. Foundry Co., Dayton, O.  
 Lyon Iron Works, Greene, N. Y.  
 McDowell Foundry Co., Chicago Heights Ill.  
 Munnsville Plow Co. (Also Stone Breaking), Munnsville, N. Y.  
 Quinn Wire & Iron Works, Boone, Ia.  
 Racine Malleable & Wrought Iron Co., Racine, Wis.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Root-Heath Mfg. Co., Plymouth, O.  
 South Bend Foundry Co., South Bend, Ind.  
 Sperry D. R. & Co. (Pig, Metal & Wood Face), North Aurora, Ill.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Thayer Foundry Co., Atchison, Kans.  
 Wagner Mfg. Co., Sidney, O.  
 Wapak Hollowware Co., Wapakoneta, O.  
 Weller Hardware & Fdry. Co., Horseheads, N. Y.  
 Western Fdry. & Sash Weight Co., 2nd & Miller, St. Louis, Mo.  
 Western Implement Co., Port Washington, Wis.  
 Western Iron & Foundry Co., Wichita, Kans.

### 9637—Mauls (Post, Wooden)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Hellenberg J. B. Co. (Plumbers & Well Drillers), Coldwater, Mich.  
 Kohaut John C. N., Newark, N. J.  
 New York Mallet & Handle Wks., 742 E 12th, New York  
 Prouty C. & Co., Eldred, Pa.  
 Stephenson Mfg. Co., South Bend, Ind.  
 Stossel Carl & Co. (Boilermakers, etc.), Front Royal, Va.  
 Tatem J. B. & Son (Heavy), Putnam, Conn.  
 Woodstock Mfg. Co., Charleston, S. C.  
 Sandusky Tool Co., Sandusky, O.

### Mauls (Railroad or Spike)

See Mauls, Regular Line.

### Mauls (Rawhide)

See Mallets, Rawhide

### 9638—Mauls (Regular Line)

See also Hammers, Heavy

Atha Tool Co., Chapel, Newark, N. J.  
 Beall Bros., Alton, Ill.  
 Black John B., Co., Chester, Pa.  
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.  
 Collins Co., Collinsville, Conn.  
 Evansville Tool Works, Evansville, Ind.  
 Harvey H. H. Mfg Co., 15 Sherman, Boston, Masss.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.  
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
 Klein-Logan Co. (Cast Steel), 13th & Breed, Pittsburgh, Pa.  
 Lehr Agricultural Co. (Wood Choppers Only), Fremont, Ohio  
 McInnes Steel Co. (Ltd.), (Wood Choppers), Corey, Pa.  
 Plumb Lafayette R. (Inc.), Tucker & James, Phila., Pa.  
 Prouty C. & Co. (Wood Choppers), Eldred, Pa.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Verona Tool Works, Oliver bldg, Pittsburgh, Pa., & Verona, Pa.  
 Warren Tool & Forge Co. (Woodchopper & Spike), Warren, O.  
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*  
 Wilcox, Crittenden & Co. (Ship Only), Middletown, Conn.

### 9639—Mauls (Sewer)

Channon Jas. H. Mfg. Co. (Wood), 227 W Erie, Chicago, Ill.  
 Oshkosh Mfg. Co. (Maple, Iron Bound), Oshkosh, Wis.  
 Stossel, Carl & Co. ("Hickory Iron Bound"), Front Royal, Va.

### Mauls (Ship or Top)

See Mauls, Regular Line

### Mauls (Woodchoppers')

See Mauls, Regular Line

### Mauls (Wooden)

See Mauls, Post, Wooden

### Mausoleum Doors & Gates

See Bronze Doors

### 9639a—Mausoleum Doors & Mortuary Work (Bronze)

**GORHAM CO. ARCHITECTURAL BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*

### 9640—Mausoleums (Granite)

**WOODBURY GRANITE CO.**, Hardwick, Vt.

### 9641—Meal (Alfalfa)

Alfalfa Meal & Milling Co., Cherokee, Okla.  
 Alfalfa Products Co., Sunnyside, Wash.  
 Artesian Valley Alfalfa Milling Co., Fowler, Kans.  
 Belleville Alfalfa Milling Co., Belleville, Kans.  
 Clinton Alfalfa Milling Co., Clinton, O.  
 Consolidated Alfalfa Milling Co., Newton, Kans.  
 Hord T. B. Alfalfa Meal Co., Central City, Neb.  
 International Sugar Feed Co., 15 av S E & Rollins, Minneapolis, Minn.  
 Kearney Alfalfa Meal Co., Kearney, Neb.  
 Mitchell Alfalfa Milling & Light Co., Mitchell, Neb.  
 Omaha Alfalfa Milling Co., Omaha, Neb.  
 Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico  
 Thompson C. C. & Co., 164 Market, Newark, N. J.  
 Tloga Mill & Elevator Co., Waverly, N. Y.  
 Weiss Otto Milling Co., Wichita, Kans.  
 York Alfalfa Mills, York, Neb.

### 9642—Meal (Almond)

Bittner G. C. Co., Toledo, O.  
 Costen W. A. Co., Pocomoke City, Md.  
 Freeman Perfume Co., Cincinnati, O.  
 Holton & Adams, 29 E-22d, New York  
 Napier Chemical Co., 80 Pearl, New York  
 Peroxidant Mfg. Co., 2017 Chouteau av, St. Louis, Mo.  
 Recamier Mfg. Co., 131 W 31st, New York  
 Salem Chemical & Supply Co., Salem, Mass.  
 Vail Bros., 344 N 5th, Phila., Pa.



## 9643— Meal (Cottonseed)

Abbott Manufacturing Co., Louisville, Ga.  
 Allendale Cotton Oil & Fertilizer Co., Allendale, S. Car.  
 American Cotton Oil Co., 65 B'way, New York  
 Amsler C. (Est. of), Hempstead, Tex.  
 Anderson County Cotton Oil Co., Palestine, Tex.  
 Anderson Phosphate & Oil Co., Anderson, S. C.  
 Atlanta Cotton Oil Co., Atlanta, Ga.  
 Austin Oil Mfg. Co., Austin, Tex.  
 Autauga Oil & Fertilizer Co., Plattsville, Ala.  
 Bertie Cotton Oil Co., Aulander, N. C.  
 Blackshear Manufacturing Co., Blackshear, Ga.  
 Blossom Oil & Cotton Co., Blossom, Tex.  
 Blue Ridge Cotton Oil Mill, Travelers Rest, S. C.  
 Boaz Cotton Oil Co., Boaz, Ala.  
 Bowie County Cotton Oil Co., New Boston, Tex.  
 Brenham Compress Oil & Mfg. Co., Brenham, Tex.  
 Brookhaven Cotton Oil & Fertilizer Co., Brookhaven, Miss.  
 Brownsville Cotton Oil & Ice Co., Brownsville, Tenn.  
 Bryan Cotton Oil & Fertilizer Co., Bryan, Tex.  
 Butler Cotton Oil Co., Albertville, Ala.  
 Byromville Manufacturing Co., Byromville, Ga.  
 Caldwell Oil Mill Co., Caldwell, Tex.  
 Camden Oil & Fertilizer Co., Camden, Ark.  
 Cameron Cotton Oil Co., Cameron, Tex.  
 Cameron Oil Mill, Cameron, S. C.  
 Campobello Oil Mills, Campobello, S. C.  
 Canon Oil & Fertilizer Co., Canon, Ga.  
 Central Cotton Oil Co., Jackson, Miss.  
 Chatham Oil & Fertilizer Co., Pittsboro, N. C.  
 Cheraw Oil & Fertilizer Co., Cheraw, S. C.  
 Citizens' Cotton Oil Co., Cumby, Tex.  
 Clarendon Cotton Oil Co., St. Paul, S. C.  
 Clay County Cotton Oil Co., West Point, Miss.  
 Clay County Oil Mill & Fertilizer Co., Lineville, Ala.  
 Clayton Oil Mill, Clayton, N. C.  
 Clinton Oil & Manufacturing Co., Clinton, S. C.  
 Cochran Oil Mill & Ginnery, Cochran, Ga.  
 Columbia Cotton Oil Co., Magnolia, Ark.  
 Columbia County Cotton Oil Co., Harlan, Ga.  
 Comer Oil Mill, Comer, Ga.  
 Commonwealth Cotton Oil Co., Cushing, Okla.  
 Concordia Oil Mills Co., Vidalia, La.  
 Consumers' Cotton Oil Mills, 39 S La Salle, Chicago, Ill.  
 Coronaca Oil Mill, Coronaca, S. C.  
 Corsicana Cotton Mills, Corsicana, Tex.  
 Cotton Oil Co., Bamberg, S. C.  
 Cotton Oil & Ginning Co., Scotland Neck, N. C.  
 Cottonseed Products Co., Roff, Okla.  
 Coweta Cotton Oil Mill, Newnan, Ga.  
 Cross Anchor Oil Mill, Cross Anchor, S. C.  
 Cuero Cotton Oil & Manufacturing Co., Cuero, Tex.  
 Cumming Oil & Fertilizer Co., Cumming, Ga.  
 Dadeville Cotton Oil Co., Dadeville, Ala.  
 Dallas Oil & Fertilizer Co., Dallas, Ga.  
 Dallas Oil & Refining Co., Dallas, Tex.  
 Darlington Cotton Oil Co., Darlington, S. C.  
 Denmark Oil & Fertilizer Co., Denmark, S. C.  
 Deport Cotton Seed Oil Co., Deport, Tex.  
 De Soto Cotton Oil Co., Mansfield, La.  
 De Soto Oil Co., Memphis, Tenn.  
 Detroit Oil & Cotton Co., Detroit, Texas  
 Dixie Cotton Oil Mill, Little Rock, Ark.  
 Dodd City Oil Mill Co., Dodd City, Texas  
 Donalds Oil Mill Co., Donalds, S. C.  
 Donaldsonville Oil Mill, Donaldsonville, Ga.  
 Dunn Oil Mills Co., Dunn, N. C.  
 Easley Oil Mill Co., Easley, S. C.  
 Eastern Cotton Oil Co., Hertford, N. C.  
 Eastman Oil Mills, Jonestown, Miss.  
 Elba Manufacturing Co., Charlotte, N. C.  
 Elba Mfg. Co., Maxton, N. C.  
 Elberton Oil Mills, Elberton, Ga.  
 Elgin Cotton Oil Co., Elgin, Texas  
 Empire Cotton Oil Co., Bainbridge, Ga.  
 Enterprise Cotton Oil Co., Enterprise, Ala.  
 Fairburn Oil & Fertilizer Co., Fairburn, Ga.  
 Farmer's Cotton Oil Co., Dothan, Ala.

Farmer's Cotton Oil Co., Farmersville, Texas  
 Farmer's Cotton Oil Co., La Grange, Ga.  
 Farmer's Cotton Oil Co., Mangum, Okla.  
 Farmer's Cotton Oil Co., Wilson, N. C.  
 Farmer's Cotton Oil & Fertilizer Co., Toccoa, Ga.  
 Farmer's Cotton Seed Oil Mill, Martin, Ga.  
 Farmer's Oil Mill, Newberry, S. C.  
 Farmer's Oil Mill, Royston, Ga.  
 Farmville Oil & Fertilizer Co., Farmville, N. C.  
 Fayetteville Oil Mills, Fayetteville, Ga.  
 Feed Oil Co., Tuscaloosa, Ala.  
 Fidelity Cotton Oil Co., Houston, Texas  
 Fitzgerald Cotton Oil Co., Fitzgerald, Ga.  
 Fletcher W. B. & J. A., McColl, S. C.  
 Florida Cotton Oil Co., Chattanooga, Tenn.  
 Florida Cotton Oil Co., Jacksonville, Fla.  
 Florida Mfg. Co., Madison, Fla.  
 Flowery Branch Gin & Oil Co., Flowery Branch, Ga.  
 Fork Township Oil Mill, Townsville, S. C.  
 Forney Cotton Oil & Ginning Co., Forney, Texas  
 Fort Motte Oil Cotton Co., Fort Motte, S. C.  
 Fremont Oil Mill Co., Fremont, N. C.  
 Glen Allan Oil Mill, Glen Allan, Miss.  
 Gonzales Cotton Oil & Mfg. Co., Gonzales, Texas  
 Grandview Cotton Oil Mill, Grandview, Texas  
 Green County Oil Co., Union Point, Ga.  
 Greensboro Cotton Oil Co., Greensboro, Ala.  
 Hartsville Oil Mill, Hartsville, S. C.  
 Havens Oil Co., Washington, N. C.  
 Hazlehurst Oil Mill & Fertilizer Co., Hazlehurst, Miss.  
 Heard County Oil & Fertilizer Co., Franklin, Ga.  
 Heller Jos. S., 62 William, New York  
 Henderson Cotton Oil & Gin Co., Henderson, Texas  
 Hico Oil Mill, Hico, Texas  
 Highland Park Manufacturing Co., Rock Hill, S. C.  
 Homer Cotton Oil Co., Homer, La.  
 Huntsville Cotton Oil Co., Huntsville, Texas  
 Huntsville Warehouse Co., Huntsville, Ala.  
 Independent Oil & Fertilizer Works, Columbus, Miss.  
 Indianola Cotton Oil Co., Indianola, Miss.  
 Italy Cotton Oil Co., Italy, Texas  
 Jacksboro Oil & Milling Co., Jacksboro, Texas  
 Jefferson Cotton Oil Co., Jefferson, S. C.  
 Jersey Oil Mill Co., Jersey, Ga.  
 Jonesville Oil Mill, Jonesville, S. C.  
 Kerens Cotton Oil Co., Kerens, Texas  
 Kershaw Oil Mills, Kershaw, S. C.  
 Kings Mountain Cotton Seed Oil Co., Kings Mountain, N. C.  
 Kyle Oil & Gin Co., Kyle, Texas  
 La Fayette Cotton Oil Mills, La Fayette, Ala.  
 Lamar L. & E., Selma, Ala.  
 Laurel Oil & Fertilizer Co., Laurel, Miss.  
 Laurinburg Oil Co., Laurinburg, N. C.  
 Leder Oil Co., Demopolis, Ala.  
 Leesville Oil Mill Co., Leesville, S. C.  
 Lewis & Co., Edwards, Miss.  
 Lilly Oil Mill Co., Lilly, Ga.  
 Lockhart Oil & Gin Co., Lockhart, Texas  
 Logan County Cotton Oil Co., Paris, Ark.  
 Lone Oak Cotton Oil & Gin Co., Lone Oak, Texas  
 Longbridge Cotton Oil Co., Longbridge, La.  
 Longview Cotton Oil Co., Longview, Texas  
 Lowndesville Cotton Oil Co., Lowndesville, S. C.  
 McDonald & Weaver, Cuthbert, Ga.  
 Macon County Oil Co., Tuskegee, Ala.  
 Madill Oil & Cotton Co., Madill, Okla.  
 Magnolia Cotton Oil Co., Houston, Texas  
 Mandeville Mills, Carrollton, Ga.  
 Manning Oil Mill, Manning, S. C.  
 Marianna Mfg. Co., Marianna, Fla.  
 Marion Cotton Oil Co., Marion, S. C.  
 Meridian Fertilizer Factory, Meridian, Miss.  
 Monroe Oil & Fertilizer Co., Monroe, Ga.  
 Montezuma Mfg. Co., Montezuma, Ga.  
 Moorhead Oil Co., Moorhead, Miss.  
 Morrillton Cotton Oil Co., Morrillton, Ark.  
 Morton Oil Mills, Millen, Ga.  
 Munger Oil & Cotton Co., Mexia, Texas  
 Natchez Oil Mill, Natchez, Miss.  
 New Bern Cotton Oil & Fertilizer Mills, New Bern, N. C.  
 New Roads Oil Mill & Mfg. Co., New Roads, La.

Newton County Oil Co., Covington, Ga.  
 North Mississippi Oil Mills, Holly Springs, Miss.  
 Omaha Cotton Oil Co., Omaha, Texas  
 Osceola Cotton Oil Co., Osceola, Ark.  
 Palmetto Oil Co., Bishopville, S. C.  
 Panola Cotton Oil Co., Carthage, Texas  
 Pauline Oil & Fertilizer Co., Pauline, S. C.  
 Pelham Oil & Fertilizer Co., Pelham, Ga.  
 Pendleton Oil Mill, Pendleton, S. C.  
 Pendergrass Oil Mill, Pendergrass, Ga.  
 People's Cotton Oil Co., Selma, Ala.  
 Peoples' Oil & Fertilizer Co., Anderson, S. C.  
 Perkins Oil Co., Memphis, Tenn.  
 Phoenix Cotton Oil Co., Memphis, Tenn.  
 Pickens Oil Mill, Pickens, S. C.  
 Pilot Point Cotton Oil Mill Co., Pilot Point, Texas  
 Pine Level Oil Mills Co., Pine Level, N. C.  
 Pitts Fertilizer & Oil Co., Pitts, Ga.  
 Pittsburg Cotton Oil Co., Pittsburg, Texas  
 Planters' Chemical & Oil Co., Talladega, Ala.  
 Planters' Cotton Oil Co., Montgomery, Ala.  
 Planters' Cotton Oil Co., Augusta, Ga.  
 Planters' Cotton Oil & Fertilizer Co., Rockymount, N. C.  
 Planters' Oil Co., Albany, Ga.  
 Planters' Oil Mill, Tunica, Miss.  
 Planters' Oil Mill & Gin Co., Kosciusko, Miss.  
 Pomaria Oil Manufacturing Co., Pomaria, South Carolina  
 Pontotoc Cotton Oil Co., Pontotoc, Miss.  
 Port Gibson Oil Works, Port Gibson, Miss.  
 Portland Oil Mill, Portland, Ark.  
 Producers' Cotton Oil Co., Yazoo City, Miss.  
 Red River Oil Co., Alexandria, La.  
 Refuge Cotton Oil Co., Vicksburg, Miss.  
 Ridge Spring Oil Mill, Ridge Spring, South Carolina  
 Roanoke Oil Co., Roanoke, Ala.  
 Roberts Cotton Oil Co., Memphis, Tenn.  
 Rockwall Cotton Oil Co., Rockwall, Texas  
 Rome Oil & Fertilizer Co., Rome, Ga.  
 Rose City Cotton Oil Mill, Little Rock, Ark.  
 Rosebud Oil & Cotton Co., Rosebud, Texas  
 Rowsville Oil Co., Rowsville, South Carolina  
 Roxton Cotton Oil Co., Roxton, Texas  
 Royse Cotton Oil Co., Royse City, Texas  
 Rutledge Oil Co., Rutledge, Ga.  
 Ryan Cotton Oil Co., Ryan, Okla.  
 Schmidt G. L., Lincoln, Ala.  
 Schumacher H. Oil Works, Navasota, Tex.  
 Sea Island Cotton Oil Co., Charleston, South Carolina  
 Senatobia Cotton Oil Co., Senatobia, Miss.  
 Seneca Oil Mills, Seneca, South Carolina  
 Seymour Cotton Oil Co., Seymour, Texas  
 Shaw Cotton Oil Co., Shaw, Miss.  
 Shelby Oil Co., Shelby, Miss.  
 Simpsonville Oil Mill, Simpsonville, South Carolina  
 Southern Cotton Oil Co., 120 B'way, New York  
 Spring Hope Cotton Oil Co., Spring Hope, North Carolina  
 Stamford Oil Mill Co., Stamford, Texas  
 Standard Chemical & Oil Co., Troy, Ala.  
 Steinhardt & Co., New Orleans, La.  
 Strother & Phinney, West Union, South Carolina  
 Stroud Cotton Oil Co., Stroud, Okla.  
 Sunset Cotton Oil Co., Sunset, La.  
 Tallassee Oil & Fertilizer Co., Tallassee, Ala.  
 Tar River Oil Co., Tarboro, North Carolina  
 Taylor Oil Mill, Taylor, Texas.  
 Tecumseh Oil & Cotton Co., Sherman, Tex.  
 Thomasville Mill & Storage Co., Thomasville, Ala.  
 Timmons Oil Co., Timmons, South Carolina  
 Timmons Oil Co., Timmons, South Carolina  
 Troy Oil Mill Co., Troy, South Carolina  
 Tupelo Oil & Ice Co., Tupelo, Miss.  
 Tuscaloosa Cotton Seed Oil Co., Tuscaloosa, Ala.  
 Tyger-Shoals Milling Co., Wellford, South Carolina  
 Tyler Cotton Oil Co., Tyler, Texas  
 Union Gin & Oil Co., Eliasville, Texas  
 Union Seed & Fertilizer Co., 65 B'way, New York  
 Uniontown Cotton Oil Co., Uniontown, Ala.  
 Universal Oil & Fertilizer Co., Wilmington, North Carolina  
 Upson County Oil Mills, Thomaston, Ga.  
 Valley Mills Cotton Oil Co., Valley Mills, Texas



Van Alstyne Cotton Oil Co., Van Alstyne, Texas  
 Verner Oil Co., Lattimore, North Carolina  
 Walker Bros. Co., Griffin, Ga.  
 Washington Oil Co., Washington, La.  
 Wesson Cotton Oil & Fertilizer Co., Wesson, Miss.  
 Westminster Oil & Fertilizer Co., Westminster, South Carolina  
 Whitewright Cotton Oil Co., Whitewright, Texas  
 Wichita Cotton Oil Co., Wichita Falls, Tex.  
 Wilkinsville Cotton Oil Co., Wilkinsville, S. C.  
 Willmont Oil Mills, Pelzer, S. C.  
 Wills Point Cotton Oil Co., Wills Point, Tex.  
 Wilmot Oil Mills, Wilmot, Ark.  
 Winnsboro Cotton Oil Co., Winnsboro, Tex.  
 Winona Oil & Mfg. Co., Winona, Miss.  
 Woodbury Oil Mills, Woodbury, Ga.  
 Woodruff Oil & Fertilizer Co., Woodruff, S. C.  
 Wortham Cotton Oil Co., Wortham, Tex.  
 Yoakum Cotton Oil Co., Yoakum, Tex.  
 Yorktown Cotton Oil & Mfg. Co., Yorktown, Tex.

**9644—Meal (Polishing)**

Peckham Mfg. Co. (Smooth Leather), Newark, N. J.

**9645—Measures (Automobile Gasoline)**

Iddings Co. ("Auto" Combination), Warren, O.  
 Kraft A. C., 223 W Lake, Chicago, Ill.  
 National Marine Lamp Co., Forestville, Conn.  
 Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

**9646—Measures (Copper, Liquid, Etc.)**

Kraft A. C., 223 W Lake, Chicago, Ill.  
 Ray Geo. A. Mfg. Co., Buffalo, N. Y.

**9647—Measures (Dry)**

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.  
 Ferris Mfg. Co. ("Stiles," "Steel," etc), Cincinnati, O.  
 Learn & Brindle (Galv.), Canton, O.  
 Richmond Cedar Works ("Anchor Brand," White Cedar & Cypress), Richmond, Va.  
 Rochester Can Co. (Galvanized Iron), Rochester, N. Y.  
*See adv index at end of book*  
 Strong Mfg. Co., Sebring, O.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized & Japanned), Wheeling, W. Va.

**9648—Measures (End)**

Slocumb J. T. Co., 35 Oxford, Providence, R. I.

**9649—Measures (Family, Grocers', Etc.)**

Central Stamping Co., 172 Fulton, New York  
 National Enameling & Stamping Co., 411 5th av, New York

**9650—Measures (Galvanized Iron)**

Central Stamping Co., 172 Fulton, New York  
 Crunden Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.  
 Kraft A. C. (Liquid), 323 W Lake, Chicago, Ill.  
 Lisk Mfg. Co. (For Grain, etc), Canandaigua, N. Y.  
 National Enameling & Stamping Co., 411 5th av, New York  
 Rochester Can Co. (Dry), Rochester, N. Y.  
*See adv index at end of book*

**9651—Measures (Liquid)**

Kraft A. C. ("Oyl-Ryte" Galv. Tin & Copper), 323 W Lake, Chicago, Ill.  
 Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York

**9652—Measures (Tin)**

Sexton Can Co. (For Liquids, etc), 228 Franklin, Boston, Mass.

**9653—Measures (Water)**

Schaffer Engineering & Equipment Co., Tiffin, O. *See adv index at end of book*

**9654—\*Measuring Instruments (Precision)**

**NORMA CO. OF AMERICA**, 1790 B'way, New York *See adv index at end of book*

**9655—Meat Packers****ALABAMA.**

**BIRMINGHAM**—Birmingham Packing Co.

**ARKANSAS.**

**LITTLE ROCK**—Weil Packing Co.

**CALIFORNIA.**

**LOS ANGELES**—Cudahy Packing Co.

Hauser Packing Co., Box A, Arcade  
 Pacific Coast Beef & Provision Co.,  
**MARYSVILLE**—Moran Co.

Valley Meat Co.

**OAKLAND**—Grayson-Owen Co.

Oakland Meat & Packing Co.

**SACRAMENTO**—Clauss & Kraus

Schmid & Parker Packing Co.

**SAN FRANCISCO**—Buttgenbach Jos. & Co., 336 4th

Heineman & Stern, 1040 McAllister

Kingman & Co. (Ltd.), 444 Drumm

Rathjens & Kupfer, 1331 Pacific

Roth-Blum Packing Co., 1490 Fairfax

South San Francisco Packing & Provision Co., 407 Front

Western Meat Co., 6th & Townsend

**COLORADO.**

**COLORADO SPRINGS**—Smith Packing Co.

**DENVER**—Burkhardt Packing & Provision Co.

Coffin Packing & Provision Co.

Colorado Packing & Provision Co.

Denver Packing & Provision Co.

K. & B. Packing & Provision Co.

Standard Meat & Live Stock Co.

Western Packing Co.

**PUEBLO**—Nuckolls Packing Co.

**CONNECTICUT.**

**BRIDGEPORT**—McNamara Thos. J. Co.

**NEW HAVEN**—Sperry & Barnes Co.

**NORWICH**—Davis C. H. & Co., Inc.

**DELAWARE.**

**MOUNT CUBA**—Hoopes Isaac W.

**WILMINGTON**—Bierman John A.

Hart & Bro. Co.

Martin D. B. Co.

Mammelle C. C. & Son

**DISTRICT OF COLUMBIA.**

**BENNINGS**—Loffler A. Provision Co.

**FLORIDA.**

**JACKSONVILLE**—Kingman & Co. (Ltd.)

**GEORGIA.**

**ATLANTA**—White Provision Co.

**SAVANNAH**—South Atlantic Packing & Provision Co.

**IDAHO.**

**BOISE**—Boise Butcher Co., Ltd.

Idaho Provision & Packing Co.

**MOSCOW**—Hagan & Cushing Co.

**WALLACE**—Mahoney Bros.

**ILLINOIS.**

**ALTON**—Luer Bros., Packing & Ice Co.

**CAIRO**—Bucher E. Packing Co.

**CHICAGO**—Acme Packing Co., 2226 S La

Salle

Adler & Oberndorf, 46th & Packers av

Agar Provision & Packing Co., 310 N

Green

Anglo-American Provision Co., Union

Stock Yards

Armour & Co., Union Stock Yards

Arnold Brothers, 660 West Randolph

Bismarck Packing Co., 41st & Union

av

Boyd, Lunham & Co., 208 S La Salle.  
 Brennan Packing Co., 39th & Normal  
 Chicago Butchers' Packing Co., 216  
 North Peoria

Chicago Packing Co., 4535 Gross av  
 Cudahy Packing Co., 111 W Monroe  
 Dahmke John J. A. Packing Co., 2334  
 W. Lake

Fulton Packing Co., 820 Fulton

Gabel Packing Co., 221 N Peoria

Guggenheim Brothers, 46th & Packers

av

Hammond G. H. Co., Union Stock

Yards

Hetzel John, 1743 Larrabee

Independent Packing Co., 41st &

Halsted

Libby, McNeil & Libby, 300 W E

Water

Mayer O. F. & Bro., Beethoven pl &

Sedgwick

Miller & Hart, Inc., Un. Stock Yards

Morris & Co., Union Stock Yards

Morton Gregson Co., 80 E Jackson

blvd

Omaha Packing Co., Halsted & Lum-

ber

Pearse Howard, W 46th & Packers av

Pfaelzer Liebschutz Packing Co., 4057

S Union av

Pfaelzer L. & Sons, 3927 S Halstead

Pond E. K. Packing Co., 517 W 24th

pl

Roberts & Oake, 45th & S Racine av

Swift & Co., Union Stock Yards

United Butchers' Packing Co., 913

Fulton

Vette & Zuncker, 220 N Green

Western Packing & Provision Co.,

3854 S Morgan

Wilson & Co., Inc., 41st & Ashland av

Zeiger G. W. Co., 517 W Chicago av

**DANVILLE**—Campbell Brothers Co.

**DECATUR**—Danzeisen Packing Co.

**EAST ST. LOUIS**—East Side Packing Co.

**ELGIN**—Kerber Packing Co.

**JACKSONVILLE**—Jacksonville Packing

Co.

**MATTOON**—Steidl Brothers

**PEORIA**—Godel E. & Sons

McDonough E. J. & Co.

Wilson Provision Co.

**ROCKFORD**—Carty-Dever Co.

Oake Packing Co.

Schmauss Co.

**SPRINGFIELD**—Franz Brothers Packing

Co.

**STEWARDSON**—Stewardson Packing Co.

**INDIANA.**

**EVANSVILLE**—Evansville Packing Co.

Schmadel Packing & Ice Co.

**FORT WAYNE**—Eckart Fred Packing Co.

Laurents & Hartshorn Packing Co.

Leikauf Packing Co.

**INDIANAPOLIS**—Brown Brothers, 534 W

Ray

Indianapolis Abattoir Co., W. Morris

& Drover

Kingman & Co., Ltd., West End, Mary-

land & Blackford sts

Meier Packing Co., 545 W Ray

Moore & Co., Stock Yards

Worm & Co., Ray & Dakota

**LAFAYETTE**—Dryfus Packing & Pro-

vision Co.

**LOGANSPOUT**—Routh W. C. & Co.

**MARION**—Ballard Packing Co.

**MUNCIE**—Cavanaugh Packing Co.

Kuhner Packing Co.

**RICHMOND**—Stolle Anton & Sons

**TERRE HAUTE**—Ehrmann & Co.

Home Packing & Ice Co.

**IOWA.**

**ALBIA**—Albia Packing Co.

**CEDAR RAPIDS**—Sinclair T. M. & Co.,

Ltd.

**DAVENPORT**—Kohrs Packing Co.

**DES MOINES**—Des Moines Packing Co.

**DUBUQUE**—Dubuque Packing Co.

Frith's Union Slaughter House

Rath Geo. C. & Sons

**FORT MADISON**—Schaper & Koch

**MARSHALLTOWN**—Brittain & Co.

**MASON CITY**—Decker Jacob E. & Sons

**OTTUMWA**—Morrell John & Co., Ltd.

**SIOUX CITY**—Armour & Co.

Cudahy Packing Co.

Hurni R. Packing Co.

Statter & Co.

**WATERLOO**—Rath Packing Co.



**KANSAS.**

**ARKANSAS CITY**—Henneberry & Co.  
**HUTCHINSON**—Winchester Packing Co.  
**KANSAS CITY**—Armour & Co.  
 Cochran Packing Co.  
 Fowler Packing Co.  
 Morris & Co.  
 Swift & Company  
**LEAVENWORTH**—Schalker Packing Co.  
**OLATHE**—Olathe Packing Co.  
**PITTSBURG**—Hull & Dillon  
**TOPEKA**—Wolff Chas. Packing Co.  
**WICHITA**—Cudahy Packing Co.  
 Dold Jacob Packing Co.

**KENTUCKY.**

**COVINGTON**—Rice C. Packing Co.  
**LOUISVILLE**—Armour & Co.  
 Bornwasser Louis P. Co.  
 Klarer Provision Co.  
 Louisville Provision Co.  
 Vissman C. F. & Co.

**MAINE.**

**AUBURN**—Morrow Packing Co.  
 Penley E. W.  
 Sutton John P. & Co.  
**BANGOR**—Fickett O. A. Co.  
 Joy A. W. Co.  
**PORTLAND**—Kern Jno. & Son.  
**ROCKLAND**—Thorndike & Hix.

**MARYLAND.**

**BALTIMORE**—Armour & Co., Pratt & Eutaw  
 Corkran, Hill & Co., Union Stock Yards  
 George & Co., 404 S. Charles  
 Greenwald Packing Co., Brunswick nr Wilkens av  
 Hohman C. & Sons, 2038 E Monument  
 Jones & Lamb Co., 106 South  
 Kriel Chas. G., 7 W Henrietta  
 Kurlle Thos. J., 3811 Eastern av  
 Kurlle Packing Co., Taylor & 22d  
 Martin D. B. Co., Brunswick nr Wilkens  
 Schafer Jacob C. Co., 516 W. Lexington

**MASSACHUSETTS.**

**BOSTON**—Batchelder & Snyder Co., 55 Blackstone  
 Cunningham A. J. Co., 34 Blackstone  
 Cunningham Packing Co., 84 S Market  
 Morrell John & Co., 75 Commercial  
 New England Dressed Meat & Wool Co., 41 N Market  
 North Packing & Provision Co., 43 N Market  
 Squire J. P. & Co., 39 No Market  
 Sturtevant & Haley Beef & Supply Co., 40 F H Market  
**SOMERVILLE**—New England Dressed Meat & Wool Co.  
 North Packing & Provision Co.  
 Sturtevant & Haley Beef & Supply Co.  
**SPRINGFIELD**—Hunt A. C. & Co.  
 Springfield Provision Co.  
**WORCESTER**—White, Pevey & Dexter Co.

**MICHIGAN.**

**DETROIT**—Barlum John J., 319 Lincoln av  
 Barlum Thomas & Sons, Bates & Cadillac sq  
 Hammond, Standish & Co., 20th & Standish  
 Newton Beef Co., 1075 14th av.  
 Standish  
 Parker, Webb & Co., 20th & Michigan av  
 Sullivan Packing Co., 252 Beecher av  
**MENOMINEE**—Twin City Packing Co.  
**MONROE**—Schrauder & Co.  
**SAGINAW**—Cornwell Co.  
 Hammond Standish Co.  
**THREE RIVERS**—Three Rivers Packing House

**MINNESOTA.**

**ALBERT LEA**—Albert Lea Packing Co., Inc.  
**AUSTIN**—Hormel Geo. A. & Co.  
**DULUTH**—Elliott & Co.  
**FAIRMONT**—Ward & Co.  
**FERGUS FALLS**—Fergus Packing Co.

**ST. PAUL**—Eisenmenger L. Meat Co.  
 Luley Abattoir Co.  
 McMillan J. T. Co.  
 Swift & Co.  
**WINONA**—Interstate Packing Co.

**MISSOURI.**

**CAPE GIRARDEAU**—Hirsch Bros. Mercantile & Provision Co.  
**JACKSON**—Mueller H. H.  
**KANSAS CITY**—Cudahy Packing Co.  
 Dold Jacob Packing Co.  
**PERRYVILLE**—Cissell J. R.  
**ST. JOSEPH**—Freund Packing & Mfg. Co.  
 Hammond Packing Co.  
 Morris & Co.  
 Swift & Co.  
**ST. LOUIS**—Belz J. H. Provision Co., 3601 S. B'way  
 Carondelet Packing Co., 8000 Ivory av  
 Cox & Gordon, 1019 S. 3rd  
 Funk Joseph P. & Co., 1024 N Main  
 Heil Packing Co., 2216 La Salle  
 Kehr Packing Co., 3832 Cote Brillante av  
 Krey Packing Co., 21st & Bremen av  
 Sartorius Provision Co., 2734 Arsenal  
 St. Louis Independent Packing Co., 3855 Chateau av  
 Smith E. R., 2624 Montgomery  
 Sweet Charles A. Provision Co., 813 Spruce  
 Swift & Co., 3919 Papin  
 Van Gel John & Sons, 153 W Russell av  
 Waldeck Packing Co., Montrose & La Salle  
**SEDALIA**—Stevenson Packing Co.  
**WARRENSBURG**—Roseland Farm & Mfg. Co.

**MONTANA.**

**ANACONDA**—Montgomery W. M. & Co.  
**GREAT FALLS**—Great Falls Meat Co.  
**WALKERVILLE**—Walkerville Dressed Meat Co.

**NEBRASKA.**

**LINCOLN**—Lincoln Packing Co.  
**NEBRASKA CITY**—Morton-Gregson Co.  
**OMAHA**—Armour & Co.  
 Cudahy Packing Co.  
 Morris & Co.  
 Swift & Company

**NEVADA.**

**RENO**—Nevada Packing Co.

**NEW JERSEY.**

**CAMDEN**—Helm's D. D. Sons  
 Schlörer & Son  
**JERSEY CITY**—Armour & Co.  
 Brainard Bros., 15 Exchange pl  
 Nagle Packing Co., 683 Henderson  
 Swift & Company  
**NEWARK**—Bailey C. M. & Co.  
 Fink A. & Sons  
 Newark Packing Co.  
**PATERSON**—Fullerton D. & Co.  
 Muhs M. Co.  
**PHILLIPSBURG**—Shimer J. R. Co.  
**TRENTON**—Taylor Provision Co.

**NEW YORK.**

**ALBANY**—Holland Bros.  
 Lester A. W.  
 Schwartz Geo. & Co.  
**BUFFALO**—Danahy Packing Co., Metcalfe & Clinton  
 Dold Jacob Packing Co., 745 William  
 Empire Provision & Beef Co., 247 Lewis  
 Fuhrman Louis P., 1010 Clinton  
 Kamman Henry A., 447 Bailey av  
 Klinck Bros., 588 Howard  
 Klinck C. Packing Co., 50 Depot  
 Moschel Jacob Sons, 153 Peckham  
 Sahlen Jos. Est. of, 310 Howard  
 Smith Edw. Packing Co., 247 Lewis  
**CANAJOHARIE**—Beechnut Packing Co.  
**HUDSON**—Van Deusen C. A. Co.  
**LITTLE FALLS**—Zoller Jacob Co.  
**MARATHON**—Bouton C. H.

**NEW YORK CITY.****Borough of Brooklyn.**

Bushwick Pork Packing Co., 29 Bushwick av  
 Dangles Jacob & Son, 722 Myrtle av  
 Figge Fred Co., 285 Atlantic av  
 International Provision Co., 33 Degraw  
 Meyer Louis Co., 374 Flushing av

**Boroughs of Manhattan and Bronx.**

Ams Max, Inc., 372 Greenwich  
 Becker Bros., 2692 3d av  
 Cudahy Packing Co., 454 W 14th  
 Ferris F. A. & Co., 262 Mott  
 Figge & Hutwelker Co., 621 W 40th  
 Halligan Thos., 629 W 40th  
 Heyer A. Lester, 318 E 39th  
 Kern Geo., Inc., 350 W 38th  
 Kingan Provision Co., 638 W 35th  
 Love J. & Co., ft W 40th  
 N. Y. Butchers' Dressed Meat Co., 11th av & 39th  
 N. Y. Independent Meat Co., 12th av & 131st  
 Reed's C. H. Sons, 185 1st av  
 Rohe & Bro., 527 W 36th  
 Schae C. F. Co., 2060 3d av  
 Stahl Otto, 2332 3d av  
 Stern Jos. & Sons, ft W 40th  
 Swift & Co., 448 Produce Exchange  
 United Dressed Beef Co. of New York, 1st av & 44th  
 Webber Richard, 2191 Third av  
 Weisbecker Chas., 268 W 125th  
 (End of New York City)

**RENSSELAER**—Schwartz Frederick  
**SYRACUSE**—Hofman A. C. & Sons  
**TROY**—Helmbold Fritz  
**UTICA**—Durr C. A. Packing Co.  
**YONKERS**—Siebert Bros.

**OHIO.**

**AKRON**—Schell C. A. Provision Co.  
 Zimmerly Brothers Co.  
**ATHENS**—Stedman F. C. & Co.  
**BELLEVUE**—Zehner Brothers Packing Co.  
**CANTON**—Canton Provision Co.  
**CINCINNATI**—Bauer's Jacob Sons, 2932 Massachusetts, Camp Washington  
 Butcher's Packing Co., 529 Poplar  
 Cincinnati Abattoir Co., Spring Grove av nr Stock Yds.  
 Freund Ernst, 1215 W Liberty  
 Haskins R. & Co., 205 Walnut  
 Hoffmann John Packing Co., Baymiller nr Central  
 Hoffmann's John Sons Co., 2148 Colerain av  
 Kahn's E. Sons Co., 517 Livingston  
 Lohrey Packing Co., 2827 Massachusetts, Camp Washington  
 Lohrey & Moellering, 2151 Kendel av  
 Maescher & Co., 1754 Central av  
 Meyer H. H. Packing Co., Central av & Linn  
 Roth John C. Packing Co., 1010 Oehler  
 Sander A. Packing Co., 1026 Gest  
 Schlachter's Jacob Sons, 2839 Colerain av  
 Schroth J. & F. Packing Co., Cormany and Township av, Camp Washington  
 Severet J. A. & Co., 32 E Front  
 Valley Packing Co., 3673 Colerain av  
 Vogel Jacob & Son, 2604 Colerain av  
 Zehler Geo. Provision Co., 1705 Logan  
 Ziegler & Co., Logan & Elder  
**CIRCLEVILLE**—Groe Charles E.  
**CLEVELAND**—Blumenstock & Reid Co., 3261 W 65th  
 Cleveland Provision Co., 2527 Canal rd  
 Forest City Provision Co., 2773 E 37th  
 Hildebrandt Provision Co., 3620 Clark av  
 Lake Erie Provision Co., Clark av & C. C. C. & St. L. Ry.  
 Ohio Provision Co., Clark av & Big Four R. R.  
 Theurer-Norton Provision Co., 3136 W 63d  
**COLUMBUS**—Blumer-Sartain Packing Co.  
 Columbus Packing Co.  
 Denton Brothers  
 Falter Herman  
**DAYTON**—Baumheckel G. & O.  
 Burkhardt Henry Packing Co.  
 Focke's Wm. Sons Co.  
 Sucher Chas. Packing Co.  
**HAMILTON**—Rupp Geo. Packing Co.  
 Slifer Packing Co.  
**LIMA**—Lima Packing Co.  
**NEWARK**—Miller C. W. & Co.  
**SANDUSKY**—Bear & Ruth Co.  
**SPRINGFIELD**—Springfield Abattoir Co.  
**TOLEDO**—Folger Jacob  
 Ruedy Albert  
 Zehner Bros. Packing Co.  
**URBANA**—Urbana Packing Co.  
**YOUNGSTOWN**—Simon Packing Co.



**OKLAHOMA.**

OKLAHOMA—Morris & Co.  
TULSA—Independent Packing Co.

**OREGON.**

BAKER—Baker City Packing Co.  
NORTH PORTLAND—Union Meat Co.  
PORTLAND—Boston Packing Co.  
Sterrett & Oberle Packing Co.  
SALEM—Cross E. C. & Son  
Steusloff Brothers.

**PENNSYLVANIA.**

ALLENTOWN—Arbogast & Bastian Co.  
BLAIRSVILLE—Brown Packing Co.  
BRIDGEPORT—March A. H. Packing Co.  
CARNEGIE—Abbott Packing & Ice Co.  
CHESTER—Buckley John J. Co.  
COATESVILLE—Shallcross J. & Son  
ERIE—Schaffner Bros.  
LEHIGHTON—Obert Joseph Co.  
McKEESPORT—Peters Packing Co.  
MEDIA—Allen Clement E., Inc.  
PHILADELPHIA—Bower John Co., 24th & Brown

Burk Louis, Girard & 3d  
Consolidated Dressed Beef Co., 30th & Race  
Ernst B. Bros., 2920 N 6th  
Felin Jno. J. & Co., Inc., 4142 Germantown  
Gray's Ferry Abattoir Co., 36th & Gray's Ferry rd  
Hausmann Geo. & Sons, 51st & Westminster av  
Kingan Provision Co., Callowhill & 8th  
Martin D. B. Co., 30th & Market  
Moland's Wm. Sons, 120 Market  
Penn Beef Co.  
Pfund G. F. & Son, 3945 Germantown av  
Vogt Fred. G. & Sons, 30th & Race  
PITTSBURGH—Denholm J. M. Bros. & Co., 5th & Frankstown avs  
Dunlevy Packing Co. ("White Lily" Pork Products, Hams & Butter), Hamilton av & Enterprise  
Duquesne Packing Co., Everett & Flavel  
Fried & Reineman, Spring Garden av  
Lohrey Henry, 2234 E. N Side  
North Side Packing Co., 1448 Spring Garden av  
Pittsburgh Provision & Packing Co., Herts Island  
Seiler John Co., 2200 Spring Garden av  
Zoller Wm. Co., 343 Spring Garden av  
POTTSTOWN—Keck & Co.  
POTTSVILLE—Seltzer Packing Co.  
Ulmer Jacob Packing Co.  
Weissinger Geo. & Bro.  
PRESTO—Klein Bros. Packing Co.  
READING—Reading Abattoir Co.  
SCRANTON—Stowers Pork Packing & Provision Co.  
SHAMOKIN—Croninger Packing Co., Inc.  
WASHINGTON—Washington Packing Co.  
WILKESBARRE—Paine & Co.  
WILLIAMSPORT—Peters John

**RHODE ISLAND.**

CENTRAL FALLS—Colquhoun D. & Son  
PAWTUCKET—Johnson H. S. Co.  
Pollock John L. (Est. of)  
PROVIDENCE—Kimball & Colwell Co.  
461 Washington  
New England Supply Co., 15 Garden av  
Schott-Suter Co., 52 Randall  
Squire John P. & Co., 315 Canal

**SOUTH DAKOTA.**

RAPID CITY—Rapid City Packing Co.  
SIOUX FALLS—Morrell John & Co.  
South Dakota Provision Co.

**TENNESSEE.**

CHARLESTON—Palmer J. C.  
GREENEVILLE—Greeneville Packing Co.  
KNOXVILLE—East Tennessee Packing Co.  
Knoxville Abattoir Co.  
NASHVILLE—Armour & Co.  
Nashville Abattoir, Hide & Melting Assn  
Neuhoff Abattoir & Packing Co.

**TEXAS.**

DALLAS—Armstrong Packing Co.  
Hahn Max Packing Co.

FORT WORTH—Armour & Co.  
Fort Worth Packing Co.  
Swift & Co.  
HOUSTON—Houston Packing Co.  
SAN ANTONIO—Union Meat Co.  
TAFT—Taft Packing House  
WACO—Brazos Packing Co.

**UTAH.**

OGDEN—Ogden Packing & Provision Co.  
Russell James Co.  
PROVO—Provo Meat & Packing Co.  
SALT LAKE CITY—Utah Packing & Provision Co.

**VIRGINIA.**

DANVILLE—Clement & Clement  
NEWPORT NEWS—Levinson Packing Co.  
NORFOLK—Banks Bros. Packing Co.  
RICHMOND—Forbes W. S. & Co.  
Hechler V. Packing & Commission Co.  
Kingan & Co., Ltd.  
ROANOKE—Griggs Packing Co.  
ROSSLYN—Rosslyn Packing Co.  
SUFFOLK—Smithfield Packing Co., Inc.

**WASHINGTON.**

NORTH YAKIMA—Yakima Meat Co.  
SEATTLE—Cudahy Packing Co.  
Frye & Co.  
SPOKANE—Stanton E. H. Co.  
TACOMA—Carstens Packing Co.  
WALLA WALLA—Walla Walla Meat & Cold Storage Co.

**WEST VIRGINIA.**

FAIRMONT—Fairmont Packing Co.  
WHEELING—Kalbitzer Packing Co.  
Reymann Paul O. Co.  
Schenk F. & Sons Co.  
Wheeling Butchers' Assn.

**WISCONSIN.**

CUDAHY—Cudahy Bros. Co.  
EAU CLAIRE—Drummond Packing Co.  
GRAND RAPIDS—Reiland Packing Co.  
JEFFERSON—Stoppenbach's C. Sons  
MILWAUKEE—Cudahy Bros. Co., 262 Jackson  
Frank L. & Son Co., 644 Market  
Gross F. C. & Bros. Co., Muskego av  
Gumz R. & Co., Muskego av  
Layton Co., Muskego av  
Plankington Packing Co., 3018 Meinecke av

**WYOMING.**

CHEYENNE—Hammond Packing Co.

**9656—Mechanical Draft**

Acme Furnace Equipment Co., 39 Cortlandt, New York  
American Blower Co., 1400 Russell, Detroit, Mich.  
Buffalo Forge Co., Buffalo, N. Y.  
Clarage Fan Co., North & Porter, Kalamazoo, Mich.  
Engineer Co. (Balanced Draft), 17 Battery pl, New York  
Green Fuel Economizer Co., Matteawan, New York  
McPherson W. G. Co., Portland, Ore.  
N. Y. Blower Co., Archer av & Canal, Chicago, Ill.  
Parson Mfg. Co. ("Parson" System), 149 B'way, New York  
Steady-Schmidt Mfg. Co. (Induced Draft Fans), York, Pa.  
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*  
Thompson Richard & Co., 126 Liberty, New York

**Mechanical Schools**

*See Engineering Schools & Colleges*

**9657—Mechanical Stokers**

*See also Furnaces, Smokeless*  
American Engineering Co. ("Taylor" Underfeed), Armingo av & Cumberland, Phila., Pa.  
American Stoker Co. ("American" Automatic Underfeed, also Marine Stokers), 11 B'way, New York  
Armstrong Mfg. Co., Springfield, O.

Babcock & Wilcox Co., 85 Liberty, New York  
Barnett Oscar Foundry Co. ("Universal" Automatic Smokeless Traveling Chain Grate), Irvington, N. J.  
Brightman Furnace Co., Cleveland, O.  
Casey-Hedges Co., Chattanooga, Tenn.  
Clarage Fan Co. (Underfeed), North & Porter, Kalamazoo, Mich.  
Combustion Engineering Corp. ("Type E." Bituminous, "Coxe" Anthracite "Type H" Industrial and Heating), 11 B'way, New York  
Detroit Stoker Co., N Grand blvd & Roppel, Detroit, Mich.  
ERIE FOUNDRY CO. ("Erie" Traveling Chain Grate), Erie, Pa.  
Flynn & Emrich Co. (Hand Operated), 305 N Holliday, Baltimore, Md.  
Green Engineering Co. ("Green" Chain Grate & "Harrington" Automatic), East Chicago, Ind.  
Hagan Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.  
Hamler Boiler & Tank Co. ("Little Giant"), 3906 S Halsted, Chicago, Ill.  
Illinois Stoker Co. (Chain Grate Stokers), Alton, Ill.  
Keystone Stoker Co. ("Keystone"), Greenfield, Mass.  
Laclede Christy Clay Products Co. Chain Grate & Automatic, Manchester & Sulphur avs, St. Louis, Mo.  
McClave-Brooks Co. ("McClave"), Poplar st, Scranton, Pa.  
Moloch Stoker Co. (Underfeed), 208 S La Salle, Chicago, Ill.  
Murphy Iron Works, Detroit, Mich.  
Nelson Blower & Furnace Co. (Stevens Underfeed), 11 Elkins, Boston, Mass.  
Parson Mfg. Co. ("Parson's Automatic"), 149 B'way, New York  
Petty J. K. & Co. (Hand Fired), Stephen Girard bldg, Phila, Pa.  
Ridgway Mfg. Co. ("Elliott"), Ridgway, Pa.  
Riley Sanford Stoker Co. ("Riley" Self-Dumping Underfeed), Worcester, Mass.  
Rosedale Foundry & Machine Co. ("Playford" Chain Grate Stoker), Washington & Preble, Pittsburgh, Pa.  
S. & S. Automatic Grate Co. (Automatic), 344 W 63d, Chicago, Ill.  
Standard Stoker Co., Wilmington, Del.  
("Roney"), East Pittsburgh, Pa.  
Thacher Geo. H. & Co. ("Albany" Smokeless Furnace), Albany, N. Y.  
THROPP'S JNO. E. SONS CO., ft. of Lewis, Trenton, N. J.  
*See adv index at end of book*  
Under Feed Stoker Co. of America ("Jones" Underfeed), 111 W Monroe, Chicago, Ill.  
WESTINGHOUSE ELECTRIC & MFG. CO. ("Roney," Chain Grate & Underfeed & Overfeed), East Pittsburgh, Pa. *See adv index at end of book*  
Wetzel Mechanical Stoker Co., Trenton, N. J.

**9658—Mechanical Stokers (Chain Grate)**

Barnet Oscar Foundry Co. ("Universal" Automatic Smokeless Traveling), Irvington, N. J.  
Casey-Hedges Co., Chattanooga, Tenn.  
Erie Foundry Co. ("Erie" Traveling), Erie, Pa.  
Green Engineering Co. ("Green" & "Harrington" Automatic), East Chicago, Ind.  
Illinois Stoker Co., Alton, Ill.  
Laclede-Christy Clay Products Co. (Automatic), Manchester & Sulphur avs, St. Louis, Mo.  
McKenzie Furnace Co. (Traveling, etc), Orland, Ill.  
Rosedale Foundry & Machine Co. ("Playford"), Washington & Preble, Pittsburgh, Pa.  
WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.  
*See adv index at end of book*

**9658a—\*Mechanics' Tool Chests**

99 Railroad Street, Rochester, N. Y.



**9659— Medals**

American Railway Supply Co., 134 Charles, New York  
 Grammes L. F. & Sons, Allentown, Pa.  
 Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
 Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*

**9659a— Medicinal Oxygen**

Inde Air Products Co., 42nd St. bldg, New York. *See adv index at end of book*

**9660— Megaphone Mfrs.**

American Paper Bobbin Co. ("Paper"), 670 Eddy, Providence, R. I.  
 Bowles C. & Co. (Electric Megaphone Speaking Tubes), New Haven, Conn.  
 Hiller J. G. (Cardboard), 112 N 4th av, Louisville, Ky.  
 Kennebunk Mfg. Co. ("Brownie," Fibre), Rochester, N. H.  
 Merriman Bros., 185 Amory, Boston, Mass.  
 National Megaphone Co., Wakefield, Mass.  
 Rogers E. F. & Co., 410 Arch, Phila., Pa.  
 Strauss Mfg. Co. (Linen Fibre & Papier Machine), 7 W 22nd, New York

**9661— \*Melters (Metal)**

GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y.  
*See adv index at end of book*

**9662— Memorial Windows**

Arlington Art Glass Works, Atlanta, Ga.  
 Atlanta Art Glass & Decorating Co., Atlanta, Ga.  
 Bryant Bros. Co., 79 E Main, Columbus, O.  
 Bunce Art Glass Co., Richmond, Va.  
 Century Stained Glass Works (Ltd.), 212 S 11th, Phila., Pa.  
 Colgate Art Glass Co., 8 Gansevoort, New York  
 Dayton Art Glass Wks., Dayton, O.  
 Decorative Glass Co., 3248 Chestnut, Phila., Pa.  
 Decorative Stained Glass Co., 312 W 34th, New York  
 Detroit Window & Stained Glass Co., Detroit, Mich.  
 Dukes Glass Works (T. W. Tulton, Prop.), 2217 Chestnut, Phila., Pa.  
 Eberhardt Hugo & Co., 2411 W 12th, Chicago, Ill.  
 Flagg L. G. & Co., Sudbury bldg, Boston, Mass.  
 Flanagan & Biedenweg Co., 312 W Illinois, Chicago, Ill.  
 Ford Bros. Glass Co., 207 Washington av, N Minneapolis, Minn.  
 Godwin Alfred 2217 Chestnut, Phila., Pa.  
 Grimm A. C., 30 Lexington av, New York  
 Haskins Art Glass Co., Rochester, N. Y.  
 Hausleiter J. & Co., 298 Fulton, Brooklyn, N. Y.  
 Ieignigke & Smith, 24 E 13th, New York  
 Hooker H. M. Co., 651 W Wash'n, Chicago, Ill.  
 Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.  
 Kansas City Stained Glass Works Co., 1514 Wyandotte, Kansas City, Mo.  
 Kerwin Glass Co., 929 N 6th, St. Louis, Mo.  
 Lamb J. & R., 25 6th av, New York  
 Maginn Charles, 17 E 14th, New York  
 Mayer & Co., 178 Madison av, New York  
 Morgan John & Sons, 96 5th av, New York & 17 Union av, Brooklyn, N. Y.  
 Munich Art Glass Co., 667 Mission, San Francisco, Cal.  
 O'Halloran's Thos. Sons, 276 Halsey, Newark, N. J.  
 Payne Geo. Hardy, Paterson, N. J.  
 Petgen Co., 6709 Hamilton av, Pittsburgh, Pa.  
 Phipps Horace J. & Co., 65 Bedford, Boston, Mass.  
 Quaker City Stained Glass Works, 222 N 4th, Phila., Pa.  
 Raby, Hinton & Co., Mechanicsburg, Pa.  
 Rae G. & Co., 173 Prince, New York  
 Reith Wm., 134 N 7th, Philadelphia, Pa.  
 Righter & Kolb, 420 Madison av, New York  
 Riordan G. C. & Co., 313 Walnut, Cincinnati, O.  
 Schuler-Mueller Co., 314 W Superior, Chicago, Ill.

Sellers Benjamin & Sons, 80 Bible House, New York  
 Spence, Bell & Co., 90 Canal, Boston, Mass.  
 Spiers, Lederle Glass Co., 900 6th av, New York  
 Summers Charles, 1455 59th, Brooklyn, N. Y.  
 Tiffany Studios, 361 Madison av, New York  
 Von Gerichten Art Glass Co., 557 So. High, Columbus, O.  
 Wallis A. H., 3308 Easton, St. Louis, Mo.  
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.  
 Wood Glass Co., Syracuse, N. Y.

**9663— Menders (Hose)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Cassady Fairbank Mfg. Co. ("Samson"), 6126 S La Salle, Chicago, Ill.  
 Central Brass Stamping Co. ("Perfect" Clinching), Peoria, Ill.  
 Claflin C. A. Co. ("Sure-Hold" Adjustable Clamp), 161 High, Boston, Mass.  
 Cooper Hose Mender Co. ("Cooper"), Providence, R. I.  
 Detroit Coin Wrapper Co. ("Lightning"), 11 Hayes, Detroit, Mich.  
 Elkhart Brass Mfg. Co. (Iron), Elkhart, Ind.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Fries & Co., 91 Main, Buffalo, N. Y.  
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.  
 Hamblin & Russell Mfg. Co. ("Magic" Garden), Worcester, Mass.  
 Hudson Hose Mender Co. ("Hudson"), Melrose, Mass.  
 Hudson Parer Co. ("Hudson"), Leominster, Mass.  
 Knox Mfg. Co. (For Drill & High Pressure Hose), 821 Cherry, Phila., Pa.  
 Kohler F. E. Co. ("Little Wonder"), Canton, O.  
 Peoria Can Co. ("Improved Perfect Clinching"), Peoria, Ill.  
 Sherman H. B. Mfg. Co., Battle Creek, Mich.  
 Sommer John Faucet Co., 355 Central av, Newark, N. J.

## Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

When writing to firms whose names appear in this book please mention

## Hendricks' Commercial Register

Stephenson Mfg. Co., South Bend, Ind.  
 Walsh Safety Lock Snap Co. ("Hose Patch," for Fire Hose), Bellevue, O.

**Mercury**

See Quicksilver

**Merry-Go-Rounds**

See Carousels, Organs, Etc

**9664— Metal (Acid Proof)**

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
 Damascus Brone Co. ("Damascus"), N S Pittsburgh, Pa.  
*See adv index at end of book*  
 Keystone Bronze Co. ("Keystone," "Valens"), Pittsburgh, Pa.  
 Lawrenceville Bronze Co. (For Tin Plate Machinery), 31st & Penn av, Pittsburgh, Pa.  
 Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.  
 WILLIAMS & CO. (INC.) (Monel), 220-226 Penn. av, Pittsburgh, Pa.  
*See adv index at end of book*

**9664a—\*Metal (Acid Resisting, Monel)**

WILLIAMS & CO. (INC.), 220-226 Penn. av, Pittsburgh, Pa.  
*See adv index at end of book*

**9665— Metal (Britannia)**

Standard Rolling Mills (Casting, Rolling & Refining), 363 Hudson av, Brooklyn, N. Y.  
 United Lead Co., 111 B'way, N. Y.

**Metal Ceilings**

See Ceilings, Sheet Steel

**9666—Metal (Cellular, for Fireproofing)**

EDWARDS MFG. CO. ("Keyridge" Metal Lath Steel Combined), 545-546 Eggles-ton av, Cincinnati, O.  
*See adv index at end of book*  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

**9667— Metal (Compressed)**

Chase Metal Works, Waterbury, Conn.  
 Chase Rolling Mill Co., Waterbury, Conn.

**9668— Metal (Expanded)**

See also Lath, Expanded Metal  
 Consolidated Expanded Metal Co.'s, Rankin, Pa.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 General Fireproofing Co., Youngstown, O.  
 North Western Expanded Metal Co., ("Econo"), 37 W Van Buren, Chicago, Ill.

**9669— Metal (Extruded)**

AMERICAN BRASS CO. (Rods & Special Shapes), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*

**9670— Metal (Feralun)**

American Abrasive Metals Co., 50 Church, New York

**Metal Furring**

See Furring & Lathing, Iron

**9671— Metal Grounds**

Union Metal Corner Co. (For Base), 1341 Columbus av, Boston, Mass.

**9671a— Metal (McAdamite)**

United States McAdamite Metal Co., Detroit, Mich.



**9672— Metal (Monel)**

International Nickel Co., 43 Exchange pl, New York  
**SUPPLEE-BIDDLE HARDWARE CO.,**  
 5th & Commerce, Phila., Pa.  
*See adv index at end of book*

**WILLIAMS & CO. INC.**  
**PITTSBURGH, PA.**

**9673—Metal (Non-Corrosive)**

Cassady Fairbank Mfg. Co. ("Comet," White Metal), 6126 S La Salle, Chicago, Ill.  
 International Nickel Co., 43 Exchange pl, New York  
**SUPPLEE-BIDDLE HARDWARE CO.**  
 (Monel Metal), 5th & Commerce, Phila., Pa. *See adv index at end of book*  
 United Alloy Steel Corp. ("Enduro"), Canton, O.  
 Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.  
**WILLIAMS & CO. (INC.)** (Non-Corrosive Monel), 220-226 Penn av, Pittsburgh, Pa. *See adv index at end of book*

**9674—Metal (Non-Tarnishing)**

Vanadium Metals Co., Vanadium bldg., Pittsburgh, Pa.  
**WILLIAMS & CO. (INC.)** (Monel), 220-226 Penn av, Pittsburgh, Pa.  
*See adv index at end of book*

**9675—Metal Novelties & Specialties**

Aluminum Container Corp. (Boxes, Cups, etc), Fulton, N. Y.  
 Aluminum Goods Mfg. Co. (Aluminum), Manitowoc, Wis.  
 American Enamel Co., Providence, R. I.  
 American Pin Co. ("Ampinco") Stamped & Spun, Turned, from Rod, etc), Waterbury, Conn.  
 Ansonia Novelty Co., Ansonia, Conn.  
 Appolo Metal Works, La Salle, Ill.  
 Art Metal Works, 7 Mulberry, Newark, N. J.  
 Autoyre Co., Oakville, Conn.  
 Baker & Co. (All Kinds Platinum Work), 54 Austin, Newark, N. J.  
 Barrows Lock Co., Lockport, Ill.  
 Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.  
**BOSTON PRESSED METAL CO.,** 169 Union, Worcester, Mass.  
*See adv index at end of book*  
 Bronson Homer D., Co. (From Brass, etc), Beacon Falls, Conn.  
 Chamberlain J. H. D. Co., 275 Main, Springfield, Mass.  
 Chandler Co., Springfield, Mass.  
 Clark Novelty Co. (Made from Brass & Steel Rods, etc), Rochester, N. Y.  
 Conlan B & Co., 87 Hamilton, Newark, N. J.  
 Consolidated Fruit Jar Co., New Brunswick, N. J.  
 Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.  
 Domestic Novelty Co., 217 High, Newark, N. J.  
 Dowst Bros. Co., 124 N Ann, Chicago, Ill.  
**FISCHER CHAS. SPRING CO.,** 473 Kent av, Brooklyn, N. Y.  
 Florence Mfg. Co. (Aluminum Brushes, etc), Florence, Mass.  
 Eagle Mfg. Co., Cincinnati, Cincinnati, Ohio  
 Fargo E. A. Co. (Aluminum, etc), Taunton, Mass.  
 Ferre E. H. Co. (& Leather), Lockport, N. Y.  
 Gaynor Mfg. Co. (Special Sheet Metal Goods), Bridgeport, Conn.  
 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.  
 Goertz Aug. & Co. (Fancy Metal Goods), 276 Morris av, Newark, N. J.  
 Grammes L. F. & Sons (Wrought Brass, Steel, Tin Wire, etc), Allentown, Pa.  
 Greist Mfg. Co. (Contract Manufacturers), New Haven, Conn.  
 Hall Wilbur B., Meriden, Conn.

Hamilton & De Loss (Inc.), Bridgeport, Conn.  
 Havell Mfg. Co. (Gilt, Silvered, Nickel Plated, Brass, Steel & Enameled), 284 Washington, Newark, N. J.  
 Hero Mfg. Co. (Aluminum, etc), Gaul & Adams, Phila., Pa.  
 Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.  
 Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.  
 Illinois Pure Aluminum Co. (Aluminum Combs, Hair Pins, Thimbles, etc), Lemont, Ill.  
 John's Stamping & Machine Works Co., Cleveland O. *See adv index at end of book*  
 Kawner Mfg. Co. (Drawn Mouldings in Copper, Brass, Bronze, Aluminum & Steel), Niles, Mich.  
 Keyes-Davis Co., Battle Creek, Mich.  
 King William P., Syracuse, N. Y.  
 Matthews H. A. Mfg. Co., Seymour, Conn.  
 Metal Products Corp, 1012 Eddy, Providence, R. I.  
 Metal Specialty Mfg. Co., Waterbury, Conn.  
 Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.  
 Mossberg Frank Co. (Sheet Metal, Stamped & Punched), Attleboro, Mass.  
 Moyer-Shaw Mfg. Co., Detroit, Mich.  
 National Sheet Metal Co. ("Nicolene" Household, Comb Cases, Round & Oblong Trays, Comb Trays & Scrapers), Peru, Ill.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Norwalk Mfg. Co. (Specialties), E. Norwalk, Conn.  
 Novelty Mfg. Co. (Brass Mounting & Trimmings), Waterbury, Conn.  
 Oakville Co. (Brass & Steel Wire and Sheet Metal), Waterbury, Conn.  
 O'Neill & O'Neill (Fancy Metal Goods), Newark, N. J.  
 Osborn J. K. Mfg. Co., Harrison, N. J.  
 Parke Jno. Y. & Co. (Brass Goods for Hardware Trade), 29 N 7th, Phila., Pa.  
 Pick Albert & Co., 1200 W 35th, Chicago, Ill.  
 Poeter E. & Co. (Fancy Metal Goods), 251 N J. R. R. av, Newark, N. J.  
 Precision Metal Workers, 1443 Corroll av, Chicago, Ill.  
 Pressed Steel Car Co. (Pressed Steel Specialties), 307 5th av, Pittsburgh, Pa.  
 Richmond Bros. Co., 177 Chestnut, Newark, N. J.  
 Riley-Klotz Mfg. Co. (Of All Kinds), 17 Mulberry, Newark, N. J.  
 Sargeant Mfg. Co., 79 Summit, Newark, N. J.  
 Seymour Metal Goods Co., Seymour, Conn.  
 Snow & Barkley, 253 B'way, New York  
*See adv index at end of book*  
 Sterling Metal Novelty Mfg. Co., 174 Worth, New York  
 Stirrup Mfg. Co. (Fancy Metal Goods), 257 Greenwich, New York  
 Success Mfg. Co. (Ash Sifters, Roof Flanges, Traps, etc), Gloucester, Mass.  
 Thomas Mfg. Co. (Household Specialties), Dayton, O.  
 Torrington Mfg. Co. (Brass & Iron), Torrington, Conn.  
 Troy Stamping Works (Novelties), Troy, N. Y.  
 Turner & Seymour Mfg. Co. (Of All Descriptions), Torrington, Conn.  
 Twisted Wire & Steel Co. (Stamped Brass), 437 11th av, New York  
 Universal Specialty Co., 38 E Kinney, Newark, N. J.  
 Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.  
 Waterbury Brass Goods Corporation (Made from Brass), Waterbury, Conn.  
 Western Steel Car & Foundry Co. (Pressed Steel Specialties), 37 W Van Buren, Chicago, Ill.

**9675a—Metal Parts (Artificial Limb)**

Hawken-Wollgast Co., 184 Beaubien, Detroit, Mich.

**9676— Metal Polish**

A. B. Polish Co. ("A. B." "B. K."), 1515 Haddon av, Chicago, Ill.  
 Acme Polish Co. (Ltd.), ("Acme" Liquid & Paste, Steel & Copper & "Ayrolite" Silver Dust), 71 12th, Pittsburgh, Pa.  
 Adams & Elting Co. ("Shi-Nite"), 726 Washington blvd, Chicago, Ill.  
 Adro Co. ("Adro"), 247 Pearl, New York

Advance Packing & Supply Co. ("Advance"), 11 N Franklin, Chicago, Ill.  
 Albion Mfg. Co., Seattle, Wash.  
 Allen L. B. Co. ("Al-Lectro" for Metal & Glass), 4519 N Lincoln, Chicago, Ill.  
 Allers Harry A. ("Solarine"), Emerson bldg, Baltimore, Md.  
**American Chemical & Mining Co.** ("Big Chief"), Atlanta, Ga.  
 American Metal Polish Co. ("Meyers" Putz Cream), West Somerville, Mass.  
 American Motor Equipment Co. ("Dazzle-line" & "Cinch"), 181 Massachusetts av, Boston, Mass.  
 American Oil & Disinfectant Co. ("Sparrow"), 196 Water, New York  
 Anchor Oil & Chemical Co. ("Anchor"), Cleveland, O.  
 Apothecaries Hall Co., Waterbury, Conn.  
 Arco Co., Euclid av & E 65th, Cleveland, O.  
 Armiger Chemical Co. ("Rex" Cream), 2151 Austin av, Chicago, Ill.  
 Arnold N. B., ("Slukup"), 1 Sigourney, Brooklyn, N. Y.  
 Arnstein Eugene ("Shine-All"), 415 W 26th, Chicago, Ill.  
 Atlantic Refining Co., Cleveland, O.  
 Atlas Auto Supply Co. ("Sunshine"), 656 W Austin av, Chicago, Ill.  
 Babbitt B. T. (Inc.) ("Spic & Span"), 11 B'way, New York  
 Baird Bros. & Co., Cleveland, O.  
 Barclay-Nicholson Co. ("Bar-Nic"), 837 Fort W, Detroit, Mich.  
 Baum's Castorine Co. ("Quick Shine," "Rapid"), Rome, N. Y.  
 Beckley-Ralston Co. ("Carnation-Cream"), 1801 S Michigan av, Chicago, Ill.  
 Ben-Hur Metal Polish Co. ("Ben-Hur"), Crawfordsville, Ind.  
 Bennett E. W. & Co. ("Brilliantshine"), 2000 16th, San Francisco, Cal.  
 Bettles A. O. Mfg. Co. ("Ideal"), 1208 E 12th, Kansas City, Mo.  
 Black Silk Stove Polish Works, Sterling, Ill.  
 Blair J. T. Co. ("J. T."), Nashville, Tenn.  
 Blue Ribbon Mfg. Co., Boston, Mass.  
 Bobrick Chemical Co. ("E. Z. Q."), Los Angeles, Cal.  
 Borsum Bros. ("Wonderful," "Trumpet," "Kaiser" Paste, etc), 227 Fulton, New York  
 Bosler E. H., 1935 Wabash av, Chicago, Ill.  
 Bowman-Edson Co. ("Edsonia"), 64 Dey, New York  
 Brewer & Co. ("Volki"), Worcester, Mass.  
 Buckeye Chemical Co. ("Buckeye"), Akron, O.  
 Chemi Co. ("Jupiter"), 715 E Main, Richmond, Va.  
 Chemical Supply Co. ("Perfection"), Cleveland, O.  
 Cleaner Mfg. Co. ("Polishine," Liquid Paste & Powder), 2842 Olive, St. Louis, Mo.  
 Cleanola Co. ("Spe-De-Shyne"), Fulton bldg, Pittsburgh, Pa.  
 Climax Refining Co., Cleveland, O.  
 Colgan Mfg. & Supply Co. ("Peerless," "Crescent"), 118 Maiden la, New York  
 Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.  
 Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York  
 Cross Wm. H., 35 Warren, New York  
 Crowell Chemical Co., ("Oxford" & "Ajax" Liquid Paste & Brick & "Oxford" Nickel), Beverly, Mass.  
 Crown Chemical Co. ("Bailey's Crown"), Indianapolis, Ind.  
 Cudahy Packing Co. ("Parrot"), 111 W Monroe, Chicago, Ill.  
 Detroit White Lead Works ("Rogers Auto Brass Shine"), Detroit, Mich.  
 Dielectric Mfg. Co. ("Dielectric"), 224 S Vandeventer av, St. Louis, Mo.  
 Dilg Mfg. & Trading Co. ("Acme" plate), 401 E 163d, New York  
 Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.  
 Duquesne Polish Co. ("Duquesne"), 53 S 15th, Pittsburgh, Pa.  
 Eavenson J. & Sons ("Jesco"), Camden, N. J.  
 Eclipse Cement & Blacking Co. ("Tiger's Head"), 1240 Belmont av, Phila., Pa.  
 Edmonds J. Wesley & Son ("Edmond's Electric"), 212 West, New York  
 Efficiency Oil Corp. ("Efficiency"), Kings-highway & Manchester, St. Louis, Mo.  
 Electric Cleaner Co., Canton, Ohio





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Flash Chemical Co. ("Flash"), Kendall sq, Cambridge, Mass.  
Fiebing Chemical Co. ("Fiebing" Lusterine), 240 Reed, Milwaukee, Wis.  
Forbes Benj. P. Co., Cleveland, O.  
Garratt-Callahan Co. ("Metalshine"), 27 S Clinton, Chicago, Ill.  
German Chemical Supply Co. ("Perfection"), 9420 Meach av, Cleveland, O.  
Hilt Edge Mfg. Co. ("Gilt Edge," "Lacquering," "Prestoline," "Putzade," & "Putz"), 35 Warren, New York  
Hradky Mfg. Co. ("Scourer," "U-No," "Putz," "Glittershine," "Army & Navy," "National," "Compound"), Ely av, Brooklyn, N. Y.  
Great Western Oil Co. ("G. W."), Cleveland, O.  
Keene Mineral Paste Co., Keene, N. H.  
Hall-Thompson Co. ("Wonder Worker"), Hartford, Conn.  
Harris A. W. Oil Co. ("Harris-Scourer"), 326 So Water, Providence, R. I.  
Harvey Chemical Co. ("American" Liquid & Paste "Dissolvent"), Lafayette, Ind.  
Havoline Oil Co. ("Havoline"), 44 Whitehall, New York  
Hawkeye Oil Co. ("Faultless"), Waterloo, Iowa  
Hazen-Brown Co. ("Monkey-Shine"), 100 South, Boston, Mass.  
Heaney Mfg. Co., 164 State, Boston, Mass.  
Hensel & Meyer, 2116 Barry, Chicago, Ill.  
Hercules Chemical Works, 2138 W Van Buren, Chicago, Ill.  
Hinds & Coon ("Ruby-Rub"), 126 Pearl, Boston, Mass.  
Hoffman Geo. W. Co. ("U. S." Infalible Paste, Powdered & Liquid, "Bar Keepers' Friend"), 557 E Washington, Indianapolis, Ind.  
Hoffman Paint & Varnish Co. ("Anchor"), Waters av, Boston, Mass.  
Hollingshead R. M. Co. ("Whiz," "Hollingshead" Liquid, "Glitterbrite," "Nugloss," Body, "Electric Shine," Liquid & Paste), Camden, N. J.  
Hoe Co., Bourse bldg, Phila., Pa.  
International Metal Polish Co. ("Blue Ribbon"), Quill & Belt Ry, Indianapolis, Ind.  
Hinter-Stat Auto & Supply Co. (Brass), Sioux City, Iowa  
Hewel Mfg. Co. ("Nelson"), 2863 W 22nd, Chicago, Ill.  
Hobbs H. W.-Manville Co. ("J.-M. Metal-lo"), 41st & Madison av, New York  
Hobson Wm. T. Co. ("Moonshine Brand"), 3d & Vine, Cincinnati, O.  
Justice A. R. Co. ("U-Kan-Plate"), 607 Chestnut, Phila., Pa.  
Imball C. M. Co., Winthrop, Mass.  
Jadd Co. ("Prestoline" & "Putzade"), 35 Warren, New York  
Janders, Frary & Clark ("L. F. & C." Cleaning & Polishing Powder for Gold, Silver Plated Ware, etc), New Britain, Conn.  
Layton Park Oil & Soap Co. ("Dazzler"), Forest H. & Hofmeister, Milwaukee, Wis.  
Le Doyen Frank J. Co. ("Varnoll"), 827 Mangold, Baltimore, Md.  
Lincoln Fixture & Supply Co. ("Iwanta"), Lincoln, Neb.  
Lord F. T. Polish Co. ("Lumino" & "Car-Brite"), Cambridge, Mass.  
Lowell Polish Co., Lowell, Mass.  
Lustre Creme Mfg. Co. ("Lustre Creme"), Rock Island, Ill.  
McLean-Jones Oil & Supply Co. ("Nox-All"), 40 India Wharf, Boston, Mass.  
Manufacturers' Oil & Grease Co. ("Brass Bright"), Century bldg, Cleveland, O.  
Manufacturers' Supplies Co. ("Velox") Juniper & Cherry, Phila., Pa.  
Marshall Oil Co. of Iowa ("French"), Marshalltown, Ia.  
Martin & Martin ("E-Z" Liquid Paste, etc), 3005 Carroll, Chicago, Ill.  
Matchless Metal Polish Co. ("Mexoline" Liquid Non-Inflammable, "Matchless" Paste), 151 Varick, New York  
Mepharm Geo. S. & Co., 20th & Lynch, E St. Louis, Ill.  
Met-oil Polish & Mfg. Co., 1027 Larroke, Chicago, Ill.  
Michigan Stove Co. ("Garland," Nickel), Detroit, Mich.  
Miller Bros. & Co. ("Sterling" Silver Polish & "Dazzler" Putty Liquid), 894 B'way, New York  
Millers' A. D. Sons Co. ("Appex Polishine"), Columbus & Preble, Pittsburgh, Pa.  
Mills H. W. & Co. ("Croftstein"), Pater-son, N. J.  
Modoc Co. ("Modoc," Brass Polish), Fernwood, Phila., Pa.  
Monroe Specialty Co. ("Meritorious"), 379 Pearl, New York  
Moore E. C. & Son Co. ("Moore"), 11 Elizabeth av, Detroit, Mich.  
Morgan Mfg. Co. ("Morganlite"), Newport, R. I.  
Morris Richard S. & Co. ("Shine On"), 162 N Dearborn, Chicago, Ill.  
Morris R. W. Mfg. Co. ("Golden Star"), 138 E 21st, Kansas City, Mo.  
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N. J. Paint Works ("New Jersey" & "Bertram"), Wayne, Jersey City, N. J.  
Newman Mfg. Co. 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. See adv index at end of book  
No. American Chemical & Engineering Co. ("Eureka" "North American" in Liquid & Paste), 23 Old Slip, New York  
Northwestern Chemical Co. ("Sil-ver-ol," "Pioneer"), Marietta, O.  
Noxall Polish Mfg. Co. ("Noxall"), 1238 Belmont av, Phila., Pa.  
Nu Back Mfg. Co. ("Brass-Nu"), 114 N Commercial, St. Louis, Mo.  
Opie J. W. Brush Co. ("O P"), Kansas City, Mo.  
Oriental Rouge Co. ("Oriental" Rouges), Bridgeport, Conn.  
Orona Mfg. Co. ("O. M. C. Alumishine"), 224 Milk, Boston, Mass.  
Panama Oil & Grease Co. ("Panama" Liquid & Paste), 159 W 51st, New York  
Parker Refining Co. ("Shine Bright"), 1307 W 11th, Cleveland, O.  
Patterson Lubricating Co. ("Patterson Lustre"), 114 Broad, Boston, Mass.  
Patton Paint Co. ("Sunbright"), Milwaukee, Wis.  
Paul J. C. & Co. ("Burnshine"), Liquid, "Putz," Pomade, "Pride of the Bar Powder"), 130 N 5th av, Chicago, Ill.  
Pioneer Mfg. Co. ("Shino"), Cleveland, O.  
Polish Products Co., Kansas City, Mo.  
Pride of the Kitchen Co. ("Peekay"), 390 Smith, Brooklyn, N. Y.  
Providence Oil Co. ("Zone"), 10 Dorrance Wharf, Providence, R. I.  
Pure Oil Co. ("Puritan"), 1st & 13th av, S, Minneapolis, Minn.  
Puritan Oil Co. ("Gliten"), 1248 W 70th, Cleveland, O.  
Puritan Soap Co. ("Puritan," Liquid), 496 Exchange, Rochester, N. Y.  
Quaker Soap Co. ("Quaker"), 207 Provost, Jersey City, N. J.  
Raimes & Co. ("Globe"), 50 Ferry, New York  
Rath Chas. H. Co. ("A-1"), Columbus & Hancock, Phila., Pa.  
Rath Mfg. Co. ("Imperial," "Staraline," "Swiss Shine," "Golden Sceptre," "High Shine" & "Chas. Rath's Original"), Headley E. of Richmond, Phila., Pa.  
Reid W. W. Mfg. Co. ("Reid's Putz" & "Reid's Putz Pomade"), 204 Milk, Boston, Mass.  
Reith Polish Co., 2010 Larrabee, Chicago, Ill.  
Rexine Company ("Maxine"), Sheboygan, Wis.  
Richmond Bros. ("Met-al-shine"), 117 E 6th, Cincinnati, Ohio  
Rochester Chemical Co. ("Shinon"), Rochester, N. Y.  
Rome Soap Mfg. Co., ("Three B"), Rome, New York  
Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.  
St. Louis Surfacers & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.  
Sawyer Howard B. Oil Co., ("Sawyer's"), 62 Long wharf, Boston, Mass.  
Schlegel Oscar Mfg. Co. ("Lustreine" Liquid), 111 E 12th, New York  
Sheppard W. S. ("Prestoshine"), 21 Lawrence, Newark, N. J.  
Sherwin-Williams Co. ("Brassbrite"), Cleveland, O.  
Solarine Co., 153 N Carpenter, Chicago, Ill.  
Solshine Mfg. Co. ("Solshine"), 206 Milk, Boston, Mass.  
Sonneborn L. Sons ("Amalie" Paste, Liquid & Non-Burning), 262 Pearl, New York  
Speare's Alden Sons Co., ("Speare's"), Cambridge, Mass.  
Standard Chemical Co. ("Standard"), Houston, Texas  
Stanley Jno. T. ("Hyglo"), 642 W 30th, New York  
Star Oil Co., 440 N Halsted, Chicago, Ill.



Stevens Frederick B. ("Columbia" Liquid), 3d & Larned, Detroit, Mich.  
 Stevens Geo. I., Essex, Conn.  
 Steward D. M. Mfg. Co. ("Stained" Powder for Cleaning & Polishing everything), Chattanooga, Tenn.  
 Stinson B. F. & Co. ("Easybright"), Buffalo, N. Y.  
 Superl Mfg. Co. ("Superl"), Los Angeles, Cal.  
 Suydam M. B. Co., ("Monarch"), 61st & Butler, Pittsburgh, Pa.  
 Sweet C. F. ("Sweet's Magic"), Hartford, Conn.  
 Tanite Co. ("Tanite" Polishing Paste), Stroudsburg, Pa.  
 Tarbox Mfg. Co., New London, Conn.  
 Taylor Gilbert D., 3828 S State, Chicago, Ill.  
 Thumb E. W. ("Sunshine" Brass Bed), 872 Orleans, Chicago, Ill.  
 Trafton F. M. Co. ("Brilliant"), 176 Federal, Boston, Mass.  
 Ulrich & Co. ("A-O-K," "Raydo" Liquid & Dry), 363 E North, Buffalo, N. Y.  
 Uno. Mfg. Co. ("S & B" "Uno"), 6433 Ravenswood av, Chicago, Ill.  
 U-Sav-Your Mfg. Co. ("U-Sav-Your" Automobile Dressing & Polish), Warren, Mass.  
 Utility Co. (Powder), 636 W 44th, New York  
 Van Tilburg Oil Co. ("Goldshine"), 2428 University av, S E, Minneapolis, Minn.  
 Wadsworth-Howland Co., ("Bay State"), 141 Federal, Boston, Mass.  
 Warren Refining & Chemical Co. ("Warren"), 9420 Meach av, Cleveland, O.  
 Western Robe Mills ("Allen's New Discovery" Powder "Western" Liquid), 309 S Morgan, Chicago, Ill.  
 Williams Mfg Co, Westerville, O  
 Wilson Mfg. Co., Cleveland, Ohio  
 Winn Wm. R. ("Moonshine"), 143 Maiden la, New York  
 Wright J. A. & Co. ("Red Star" Powder), Keene, N. H.  
 Young Orlando W., 277 Halsey, Newark, N. J.

**9677—\*Metal Polish (For Locomotive Fronts)**

**DIXON JOSEPH CRUCIBLE CO.,** Jersey City, N. J. *See adv index at end of book*

**9678—Metal Sash & Mouldings**

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Clason Hollow Architectural Metal Works (Metal Sash Only). Works: 428 Kinsley av, Providence, R. I.

**DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

**McCord Mfg. Co.** (For Car Windows, etc.), Detroit, Mich.

**9679— Metal (Silver)**

Empire Metal Co. (For Bright Galvanizing), Syracuse, N. Y.  
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

**9680—Metal Threshold (Air Tight)**

Pittsburgh Air Tight Metal Door Sill Co., Liberty & Short, Pittsburgh, Pa.

**Metal (Tungsten)**

*See Ferro-Tungsten*

**9681— Metal (Yellow Muntz)**

Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
 Hungerford U. T. Brass & Copper Co. (Plates, Sheets, Nails & Rods), 80 Lafayette, New York

**MERCHANT & EVANS CO.,** 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

Michigan Copper & Brass Co., Detroit, Mich.

Taunton-New Bedford Copper Co. (Sheets, Bars, etc.), Taunton, Mass.

**9682— Metaline**

Metaline Co., 4 West av, Long Island City, N. Y.

**9683— Metallic Sash Bars**

Anderton E. K., 210 Grand, New York  
 Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Detroit Show Case Co., 480 Fort W., Detroit, Mich.  
 Jones Trevor F. & Co., 374 W B'way, New York  
 Love Brothers (Inc.) (Cast Iron), Aurora, Ill.  
 Meyers Fred J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 National Metallic Sash Co. (Zinc), 355 Union Park, Chicago, Ill.  
 Rochester Show Case Works, Rochester, N. Y.  
 Thorne Hold-Fast Metal Bar Co., Troy, N. Y.  
 Voltz Mfg. Co. ("Universal"), 914 Penn., St. Joseph, Mo.

**9684— Metals (Aluminum)**

**LEAVITT C. W. & CO.,** 34 Church, New York  
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**Metals (Anti-Friction)**

*See Babbitt Metal; also Bearings, Various Kinds*

**9685—Metals (Antimonial Lead)**

**LEAVITT C. W. & CO.,** 34 Church, New York  
*See adv index at end of book*

**9686— Metals (Antimony)**

Fuerst Bros. & Co. (Imported), 2 Stone, New York

**LEAVITT C. W. & CO.,** 34 Church, New York  
*See adv index at end of book*  
 Winter Son & Co. (Imp.), 64 Wall, New York

**9687—Metals (Benedict Nickel)**

**AMERICAN BRASS CO.,** Waterbury, Conn.  
*For branch offices see adv index at end of book*

**9688— Metals (Bearing)**

*See Babbitt Metal; also Bearings, various kinds.*

**9689— \*Metals (Copper)**

**AMERICAN BRASS CO.,** Waterbury, Conn.  
*For branch offices see adv index at end of book*  
**LEAVITT C. W. & CO.,** 34 Church, New York  
*See adv index at end of book*  
 Scovill Mfg. Co. (Specialties), Waterbury, Conn. *See adv index at end of book*

**9690—\*Metals (Cupro Nickel)**

American Brass Co. (Sheets), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Scovill Mfg. Co. (Products), Waterbury, Conn. *See adv index at end of book*

**9691—Metals (Electrotype, Linotype, Monotype, Stereotype, Etc.)**

Ajax Metal Co., 46 Richmond, Phila., Pa.  
 American Smelting & Refining Co., Cincinnati, O.  
 Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.  
 Bogue-Wensley Lead Co., Denver, Col.  
 Eagle Picker Lead Co. The, 208 S La Salle, Chicago, Ill.  
 Eagle Smelting & Refining Works, 233 B'way, New York  
 Empire Metal Co., Syracuse, N. Y.  
 Finn John Metal Works, Seattle, Wash.  
 Hiertz Theo. Metal Co., Alaska & Tesson St. Louis, Mo.  
 Hoyt Metal Co., Boatmen's Bank bldg., St. Louis, Mo.  
 Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.  
 Jacobson I. M. & Sons, 70 Catherine, Detroit, Mich.  
 Lissberger, Marks & Son, 281 Borden av, Long Island City, New York  
 London & Sack, 259 Front, New York  
**MERCHANT & EVANS CO.,** 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

**MICHIGAN SMELTING & REFINING CO.**

1695 Jos. Campau, Detroit, Mich.

Nassau Smelting & Refining Works, 603 29th, New York

National Lead Co., 111 B'way, New York  
 North American Smelting Co. ("Crescent Crown"), 9th & Thompson, Phila., Pa.  
 Northwestern Shot & Lead Works, Fairfield av W, St. Paul, Minn.  
 Peerless Alloy Co., Denver, Col.  
 Pittsburgh White Metal Co., 3116 Penn Pittsburgh, Pa.  
 Rogers Metal Works, Kansas City, Mo.  
 Selby Smelting & Lead Co. ("Perfection"), 201 1st, San Francisco, Cal.  
 Staplin & Smith, 359 W Austin, Chicago, Ill.

**SYRACUSE SMELTING WORKS** ("Staley Process"), 837 Manhattan Brooklyn, N. Y.

Union Smelting & Refining Co., 14th & D, New York  
 United Lead Co., 111 B'way, New York  
 Wildes' Thos. Son, 14 Dover, New York  
 Williams E. A. & Son, 109 Plymouth, Jersey City, N. J.

**9692—\*Metals (German Silver)**

**AMERICAN BRASS CO.,** Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Scovill Mfg. Co. (Specialties), Waterbury, Conn. *See adv index at end of book*

**9693— Metals (Magnesium)**

American Magnesium Corp., Niagara Falls, N. Y.  
 Fuerst Bros. & Co. (Imported), 2 Stone, New York  
**LEAVITT C. W. & CO.,** 34 Church, New York  
*See adv index at end of book*

**9694— Metals (Manganese)**

**LEAVITT C. W. & CO.,** 34 Church, New York  
*See adv index at end of book*

**9695— Metals (Nickel)**

International Nickel Co., 43 Exchange New York  
**MERCHANT & EVANS CO.,** 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
**UNITED STATES NICKEL CO.,** New Brunswick, N. J.  
 Whipple & Choate, Bridgeport, Conn.  
**WILLIAMS & CO. (INC.),** 220-226 Peoria av, Pittsburgh, Pa.  
*See adv index at end of book*

**Metals (Old)**

*See Scrap Iron & Steel*  
*See also Scrap Brass & Copper*

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**9696— Metals (Perforated)**

**ALLIS-CHALMERS MFG. CO.,** Milwaukee, Wis. *See adv index at end of book*  
 American Perforated Metal Co., Belleville, N. J.  
 Beckley Perforating Co. (For All Positions), Garwood, N. J.  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 California Perforating Screen Co., 416 Harrison, San Francisco, Cal.  
 Central Stamping Co., 174 Fulton, New York  
 Chicago Perforating Co., 2445 W 24th Chicago, Ill.  
 Clinton Wire Cloth Co., Clinton, Mass.  
 Cross Engineering Co., Carbondale, Pa.



- ERDLE PERFORATING CO.**, 181 York  
Rochester, N. Y.  
*See adv index at end of book*
- Harrington & King Perforating Co.**, 614 N  
Union av, Chicago, Ill.
- Hendrick Mfg. Co.**, Carbondale, Pa.
- Kungerford U. T. Brass & Copper Co.**  
(Brass, Copper, Iron or Steel), 80 La-  
fayette, New York
- Johnston & Chapman Co.**, 2925 Carroll av,  
Chicago, Ill.
- Kaubenstein Mfg. Co.**, Ashland, Pa.
- Littleford Bros.**, 444 E Pearl, Cincinnati, O.
- Manhattan Perforated Metal Co.**, 237 Cent-  
re, New York
- Merchant & Evans Co.** (Brass, Copper,  
Iron or Steel), 2035 Washington av,  
Phila., Pa. *See adv index at end of book*
- Multi-Metal Separating Screen Co.**, 68 E  
131st, New York
- Rundt Charles & Sons**, 53 Fairmount av,  
Jersey City, N. J.
- Portmann-Duffke Foundry Co.** (Perforated  
from all Metals), Layton Park, Mil-  
waukee, Wis.
- Rovelt Mfg. Co.** (Also Embossed), Water-  
bury, Conn.
- Siebel-Suessdorf Copper & Iron Mfg. Co.**,  
2d & Lombard, St. Louis, Mo.
- Steffen W. & Sons Co.**, 193 Broadway, Mil-  
waukee, Wis.
- 697— Metals (Plated Sheet)**  
**National Sheet Metal Works**, (Nickel, Tin  
& Zinc, Bronzine, Brassene, Copper-  
ene, etc), Peru, Ill.
- 698— Metals (Platers')**  
**Merchant & Evans Co.**, 2035 Washington av,  
Phila., Pa. *See adv index at end of book*
- Rolling Brass Co.** (Thin Gauges of Rolled  
Brass, Bronze, German Silver & Cop-  
per), Waterbury, Conn.
- 699— \*Metals (Rare)**  
**SAVITT C. W. & CO.**, 34 Church, New  
York *See adv index at end of book*

- 9700— Metals (Silicon)**  
**Carborundum Co.**, Niagara Falls, N. Y.
- 9701— Metals (Silver)**  
**Earle E. P.**, 165 Broadway, New York
- 9702— Metals (Terne)**  
**Pittsburgh Smelting & Refining Co.**, Eliz-  
abeth & B. & O. R. R., Pittsburgh, Pa.
- 9703—\*Metals (Tobin Bronze)**  
**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*
- 9703a—Meter—Discs & Counters  
(Numbered)**  
**du Pont E. I. de Nemours & Co.** (The  
Arlington Works), 725-27 Broadway,  
New York
- 9704— Meter Provers**  
**American Meter Co.**, 11th av & 47th, New  
York
- Equitable Meter Co.**, 424 1st av, Pitts-  
burgh, Pa.
- Frontier Meter Works**, Buffalo, N. Y.
- McDonald D. & Co.**, Albany, N. Y.
- Phoenix Meter Co.**, Camden, N. J.
- PITTSBURGH METER CO.**, East Pitts-  
burgh, Pa.
- Standard Meter Co.**, 3117 N 17th, Phila.,  
Pa.
- Superior Meter Co.**, Bush Terminal bldg.,  
Brooklyn, N. Y.
- 9705— Meter Seals**  
**American Seal Co.**, Bridgeport, Conn.
- Keystone Seal & Press Co.** ("Keystone"),  
39 Cortlandt, New York
- United Seal Co.** ("Safety," "Peerless"),  
239 S Pearl, Columbus, O.
- 9706— Meters (Acetylene)**  
**Bacharach Industrial Instrument Co.**, 14  
Wood, Pittsburgh, Pa.
- Cleveland Gas Meter Co.**, Cleveland, O.

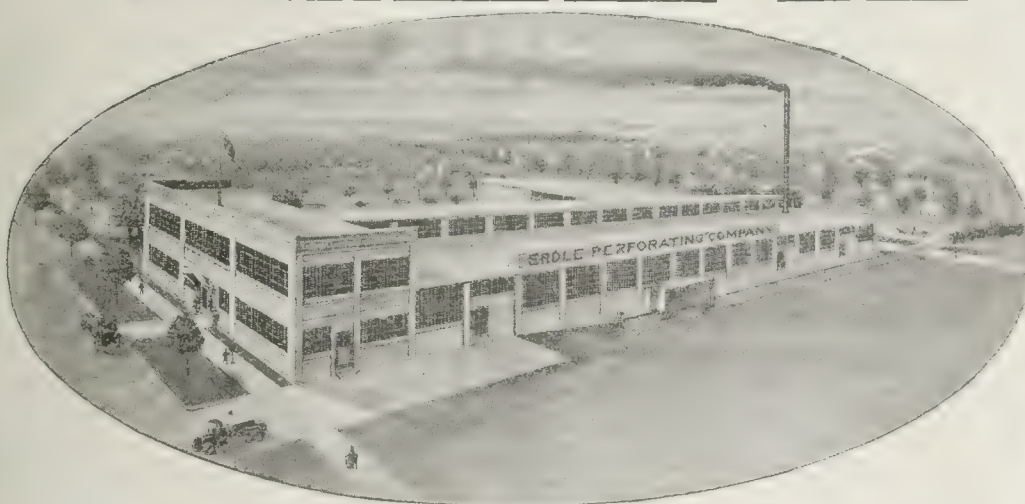
- Frontier Meter Works**, Buffalo, N. Y.
- Griffin John J. & Co.**, 1513 Race, Phila.,  
Pa.
- Maryland Meter Works**, Baltimore, Md.
- 9707— Meters (Air)**  
**Bacharach Industrial Instrument Co.**, 14  
Wood, Pittsburgh, Pa.
- BAILEY METER CO.** ("Bailey"), 141  
Milk, Boston, Mass.  
*See adv index at end of book*
- Builders Iron Foundry** ("Venturi"), 9  
Coddington, Providence, R. I.
- Clark, Chas. J.**, 1716 W Adams, Chicago,  
Ill.
- GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*
- Metric Metal Works** ("Westcott"), Erie,  
Pa.
- St. John G. C.**, 280 Madison av, New  
York
- Sargent Steam Meter Co.**, 1902 N Califor-  
nia, Chicago, Ill.
- Wissler A.**, B'way & Washington av, St.  
Louis, Mo.
- 9707a—\*Meters (Air Speed, for  
Aeroplanes)**  
**FOXBORO COMPANY THE**, succeeding  
Industrial Instrument Co. ("Fox-  
boro"), Foxboro, Mass.  
*See adv index at end of book*
- 9707b—Meters (Altitude & Degree  
Finder)**  
**Eureka Instrument & Appliance Co.**, 419  
Granite bldg, Rochester, N. Y.
- 9708-9—Meters (Ampere Hour)**  
**Sangamon Electric Co.** ("Sangamo" Direct  
Current), Springfield, Ill.
- Meters (Auto)**  
*See Meters, Speed Indicating*
- 9710— Meters (Beer)**  
**Worthington Pump & Machy. Corp.**, 115  
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**9710a— \*Meters (Boiler)**

**BAILEY METER CO.** ("Bailey" For Steam, Air & Condition of Fire), 141 Milk, Boston, Mass.  
*See adv index at end of book*

**9710b— Meters (Brine)**

**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.

**9710c—Meters (Chemical Solutions)**

**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.

**9711— Meters (Coal)**

**C. J. Mfg. Co.** (For Stokers, etc), 3425 N 5th, Phila., Pa.  
**Harvard O. D. Co.** ("Harvard"), Scranton, Pa.

**9712— Meters (Current)**

*See also Meters, Flow*

**Buff & Buff Mfg. Co.**, Jamaica Plain, Mass.  
**Gurley W. & L.** ("Price," For Steam Gauging), Troy, N. Y.  
**Republic Flow Meters Co.**, 565 Wash blvd, Chicago, Ill.  
**Simple Valve & Meter Co.**, 110 N Broad, Phila., Pa.

**9713— Meters (Cut)**

**FOXBORO CO., THE**, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass. *See adv index at end of book*  
**Schuchardt & Schutte** ("Cito" for Measuring Cutting Speed of Machine Tools), 90 West, New York

**9714— Meters (Disc)**

**BUFFALO METER CO.** ("American" & "Niagara"), 2921 Main, Buffalo, N. Y.  
*See adv index at end of book*  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

**9715-6—Meters (Distance Recording)**

**Bacharach Industrial Instrument Co.**, 14 Wood, Pittsburgh, Pa.  
**Bullard Specialty Co.** (Speedometer & Odometer Combined), Springfield, Mass.  
**Du Vivier Ernest H.**, 30 Church, New York  
**Electric Tachometer Co.** (Electric Odometers, Speedometers, etc), Perry bldg, Phila., Pa.  
**Hoffecker Co.** ("Steady Hand" Speedometer), 222 Eliot, Boston, Mass.  
**Queen-Gray Co.**, 618 Chestnut, Phila., Pa.  
**Sibley Pitman Electrical Corp.** ("Abell"), 19 W 36th, New York  
**Smith R. H. Mfg. Co.** (Speedometer & Odometer Combined), Springfield, Mass.  
**Standard Thermometer Co.**, 65 Shirley, Boston, Mass.  
**Star Speedometer Co.** (Speedometer & Odometers Combined), Milton, Pa.  
**Stewart-Warner Speedometer Corp.**, 1826 Diversey Parkway, Chicago, Ill.  
**Veeder Mfg. Co.** ("Veeder" Cyclometers, Odometers), Hartford, Conn.

**Meters (Electric)**

*See Wattmeters; also Ammeters & Voltmeters*

**9717—Meters (Feed Water)**

**Bailey Meter Co.** ("Bailey"), 141 Milk, Boston, Mass.  
*See adv index at end of book*  
**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.  
**Central Station Steam Co.**, 710 Woodbridge av, Detroit, Mich.  
**HARRISON SAFETY BOILER WORKS** ("Cochrane"), 3147 N 17th, Phila., Pa.  
*See adv index at end of book*  
**Hoppes Mfg. Co.**, Springfield, Ohio  
**Simplex Valve & Meter Co.**, 110 N Broad, Phila., Pa.  
**Spray Engineering Co.** ("Vaughan"), 93 Federal, Boston, Mass.  
**Yarnall-Waring Co.**, Harrison bldg, Phila., Pa.

**9718— \*Meters (Flow)**

**BAILEY METER CO.** ("Bailey"), 141 Milk, Boston, Mass.  
*See adv index at end of book*  
**FOXBORO COMPANY, THE**, succeeding, Industrial Instrument Co. ("Foxboro," Steam, Water & Gas), Foxboro, Mass.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.** (Integrating, Recording & Indicating, for Air, Steam, Water, Gas & Oil), Schenectady, N. Y. *See adv index at end of book*

**9719— Meters (Frequency)**

**Biddle James G.** ("Frahm"), 1211 Arch, Phila., Pa.  
**Holtzer-Cabot Electric Co.**, Brookline, Mass.  
**Lombard Governor Co.** (Precision), Ashland, Mass.  
**Machado & Roller** ("Hartmann & Braun," Imported), 203 B'way, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
**Weston Electrical Instrument Co.**, Newark, N. J.

**9720— Meters (Fuel Gas)**

**American Meter Co.**, 11th av & 47th, New York  
**Bacharach Industrial Instrument Co.**, 14 Wood, Pittsburgh, Pa.  
**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.  
**Equitable Meter Co.**, 424 1st av, Pittsburgh, Pa.  
**PITTSBURGH METER CO.**, East Pittsburgh, Pa.

**9721— Meters (Gas)**

**American Meter Co.** (Wet & Dry), 11th av & 47th, New York  
**Bacharach Industrial Instrument Co.**, 14 Wood, Pittsburgh, Pa.  
**Bailey Meter Co.** ("Bailey"), 141 Milk, Boston, Mass.  
*See adv index at end of book*  
**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.  
**Cleveland Gas Meter Co.** (Also Cast Iron for Natural Gas), Cleveland, O.  
**CUTLER-HAMMER MFG. CO.** (Electric, for Gas Plants), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*  
**Equitable Meter Co.** ("Equitable" Dry), 424 1st av, Pittsburgh, Pa.  
**Gas Machinery Co.** (Station), 1900 Euclid av, Cleveland, O.  
**Griffin J. J. & Co.**, 1513 Race, Phila., Pa.  
**Helme & McIlhenny**, 1339 Cherry, Phila., Pa.  
**Kreutzburg Meter Co.**, 9 S Clinton, Chicago, Ill.  
**McDonald D. & Co.**, Albany, N. Y.  
**Metric Metal Works** (Natural & Artificial Gas), Erie, Pa.  
**Ohio Gas Meter Co.** (Tin), Soc. for Sav. bldg, Cleveland, O.  
**Phoenix Meter Co.**, Camden, N. J.  
**PITTSBURGH METER CO.** ("Westinghouse" Gas & "Westinghouse" Proportional), East Pittsburgh, Pa.  
**Rotary Meter Co.** (Rotary Meter), 52 Vanderbilt av, New York  
**St. John G. C.** ("St. John" Indicating & Recording), 280 Madison av, New York  
**Sargent Steam Meter Co.**, 1902 N California, Chicago, Ill.  
**Sprague Meter Co.** (Cast Iron), Bridgeport, Conn.  
**Standard Meter Co.** (Natural & Artificial Gas), 3117 N 17th, Phila., Pa.  
**Standard Meter & Mfg. Co.** (Natural & Artificial Gas), 433 W 42d, New York  
**Superior Meter Co.** (also Oxygen & Hydrogen & Anesthetic), Bush Terminal bldg, Brooklyn, N. Y.  
**Tufts Nathaniel Meter Co.**, 455 Commercial, Boston, Mass.

**9722— \*Meters (Gasoline)**

**BUFFALO METER CO.** ("Niagara"), 2921 Main, Buffalo, N. Y.  
*See adv index at end of book*  
**Pittsburgh Meter Co.** (Service Station), East Pittsburgh, Pa.  
*See adv index at end of book*  
**Simplex Hydrometer Co.** ("Simplex"), Newark, N. J.

**9723—Meters (Grade Indicating)**

**Adams Co.**, Dubuque, Ia.  
**Wissler A.**, B'way & Wash av, St. Louis, Mo.

**9724— Meters (Hot Water)**

**BAILEY METER CO.** ("Bailey"), 141 Milk, Boston, Mass.  
*See adv index at end of book*  
**Kennicott Co.**, Chicago Heights, Ill.  
**PITTSBURGH METER CO.**, East Pittsburgh, Pa.  
**SIMPLEX VALVE & METER CO.** ("Simplex Venturi" & for V Notch Weighing), 110 N Broad, Phila., Pa.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

**9725—Meters (Lumber Measuring)**

**Tally-Meter Co.** ("Tally-Meter"), Norwalk, Conn.

**9726— \*Meters (Natural Gas)**

**Bailey Meter Co.** ("Bailey"), 141 Milk, Boston, Mass.  
*See adv index at end of book*  
**PITTSBURGH METER CO.**, East Pittsburgh, Pa.

**9727— Meters (Oil)**

**Bowser S. F. & Co.**, Fort Wayne, Ind.  
**BUFFALO METER CO.** ("Niagara"), 2921 Main, Buffalo, N. Y.  
*See adv index at end of book*  
**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**Milwaukee Tank Works**, 156 Clinton, Milwaukee, Wis.  
**National Meter Co.**, 84 Chambers, New York  
**National Supply Co.** (Fuel Oil), 416 V Grand av, Chicago, Ill.  
**PITTSBURGH METER CO.**, East Pittsburgh, Pa.  
**Union Water Meter Co.** ("Ball & Flitts"), Worcester, Mass.

**9728— Meters (Photometer)**

**American Meter Co.**, 11th av & 47th, New York  
**Superior Meter Co.**, Bush Terminal bldg, Brooklyn, N. Y.

**9729— Meters (Pitot Tube)**

**SIMPLEX VALVE & METER CO.** ("Simplex"), 110 N Broad, Phila., Pa.

**9730— Meters (Pocket)**

**American Ever Ready Wks.** ("Ever Ready" for Testing Batteries), Thomson av, L. I. City, New York  
**Connecticut Telephone & Electric Co.** ("Connecticut" for Testing Batteries), Meriden, Conn.  
**Roberts Instrument Co.** (Battery Testing), Detroit, Mich.  
**Sterling Mfg. Co.** ("Sterling" Battery), Blackstone bldg, Cleveland, O.

**Meters (Prepayment Gas)**

*See Meters, Gas*

**9731—Meters (Proportional Gas)**

**Equitable Meter Co.** ("Wylie"), 424 1st av, Pittsburgh, Pa.  
**Maryland Meter Works**, Baltimore, Md.  
**PITTSBURGH METER CO.** ("Westinghouse"), East Pittsburgh, Pa.

**9732—Meters (Recording Complaint)**

**Maryland Meter Works**, Baltimore, Md.

**9732a— Meters (Sewage)**

**Builders Iron Foundry** ("Venturi"), 9 Coddington, Providence, R. I.

**9734—Meters (Speed Indicating)**

*See also Indicators, Speed*  
**Bullard Specialty Co.** (Speedometer, Odometer & Clock Combined), Springfield, Mass.  
**CHICAGO PNEUMATIC TOOL CO.** ("Boyer"), Fisher bldg, Chicago, Ill.  
*See adv index at end of book*



# BAILEY METER COMPANY

## 141 MILK STREET, BOSTON MASS.

### BAILEY FLUID METER

For steam, Water, Air, Gases and other Fluids at any Pressure or Temperature.

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For any type boiler, furnace or stoker. Recording Steam Flow, Air Flow, Flue Gas Temperature and other important factors.

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For fire gas, mine ventilation, fan discharge, etc.

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For draft in furnaces, flues, gas works, ventilating systems, mine ventilation, 1/1000" Accuracy.

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## BAILEY METER COMPANY

## BOSTON, MASS.

Ernest H., 30 Church, New York  
National Watch Co., Elgin, Ill.  
cker Co. ("Steady Hand" Speedometer), 222 Eliot, Boston, Mass.  
Speedometer ("Jones"), 32 33d, Brooklyn, N. Y.  
Olson Ship Log & Realty Co. ("Nicholson" for Motor Boats, Yachts, etc), 99 Superior, N W, Cleveland, O.  
art-Warner Speedometer Corp. ("Warner" Auto Meters), 1826 Diversey Parkway, Chicago, Ill.  
er Mfg. Co. ("Veeder Tachometer"), Hartford, Conn.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### Meters (Station)

merican Meter Co., 11th av & 47th, New York  
ers Iron Foundry ("Venturi"), 9 Coddington, Providence, R. I.  
table Meter Co., 424 1st av, Pittsburgh, Pa.  
e & McIlhenny, 1339 Cherry, Phila., Pa.  
onald D. & Co. ("Hinman" Drum), Albany, N. Y.  
nix Meter Co., Camden, N. J.  
ry Meter Co. (Rotary Meter), 52 Vanerbilt av, New York  
ard Meter Co., 3117 N 17th, Phila., Pa.  
s Nathaniel Meter Co. ("Hinman"), 455 Commercial, Boston, Mass.

### Meters (Steam)

merican District Steam Co. ("Holly," "St. John" Steam & "Simplex" Condensation), N Tonawanda, N. Y.  
arach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.  
**LEY METER CO.** ("Bailey" Steam Flow), 141 Milk, Boston, Mass.  
*See adv index at end of book*  
ders Iron Foundry ("Venturi"), 9 Coddington, Providence, R. I.  
ral Station Steam Co. ("Detroit"), 710 Woodbridge, Detroit, Mich.

**GENERAL ELECTRIC CO.** (Indicating & Recording), Schenectady, N. Y.  
*See adv index at end of book*  
Pearce W. H. & Co. ("Crescent" Condensation), 333 S Dearborn, Chicago, Ill.  
St. John G. C. ("St. John" Indicating & Recording), 280 Madison av, New York  
Sargent Steam Meter Co. ("Sargent"), 1902 N California, Chicago, Ill.

### 9737—Meters (Test)

American Meter Co., 11th av & 47th, New York

**BUFFALO METER CO.** (For Testing Water Meters), 2921 Main, Buffalo, N. Y. *See adv index at end of book*  
Equitable Meter Co., 424 1st av, Pittsburgh, Pa.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
Phoenix Meter Co., Camden, N. J.  
Standard Meter Co. (Portable), 3117 N 17th, Phila., Pa.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, E Pittsburgh, Pa.  
*See adv index at end of book*

### 9738—Meters (Testing, Water Meter)

**BUFFALO METER CO.** ("American"), 2921 Main, Buffalo, N. Y.  
*See adv index at end of book*

### 9738a—Meters (Torsion)

Cummings Ship Instrument Works ("Gary-Cummings"), 110 High, Boston, Mass.

### 9739—Meters (Turbine Water)

Worthington Pump & Machy. Corp., 115 B'way, New York

### 9739a—\*Meters (V-Notch)

Harrison Safety Boiler Works, 3147 N 17th, Phila., Pa. *See adv index at end of book*

### 9739b—\*Meters (Velocity)

**BRISTOL CO.** ("Bristol's"), Waterbury, Conn. *See adv index at end of book*

### 9740—Meters (Water)

**ALBERGER PUMP & CONDENSER CO.** ("Hammond"), 140 Cedar, New York  
Badger Meter Mfg. Co. (Disc.), 261 3d, Milwaukee, Wis.

**BAILEY METER CO.** ("Bailey"), 141 Milk, Boston, Mass.

*See adv index at end of book*

Booth L. M. Co. (Weir Type), 58 Hudson, Jersey City, N. J.

**BUFFALO METER CO.** ("Buffalo," "Niagara," "American"), 2921 Main, Buffalo, N. Y. *See adv index at end of book*

Builders Iron Foundry ("Venturi" for Hot & Cold Water, Brine, Chemical Solutions, Oil, Gas, Air & Steam), 9 Coddington, Providence, R. I.

Gamon Meter Co. ("Watch Dog"), Newark, N. J.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Hersey Mfg. Co. ("Detector," Disc, Rotary & Torrent), First, South Boston, Mass.

Kennicott Co., Chicago Heights, Ill.

National Meter Co. ("Empire Crown," "Nash Gem," "Premier"), 84 Chambers, New York

Neptune Meter Co. ("Trident"), 50 E 42d, New York

**PITTSBURGH METER CO.** ("Eureka" & "Keystone"), E Pittsburgh, Pa.

**SIMPLEX VALVE & METER CO.** ("Simplex Venturi," "Pitot Tube," V Notch & Rectangular Weirs), 110 N Broad, Phila., Pa.

Standard Meter Co., Watervliet, N. Y.

Thomson Meter Co. ("Lambert"), 110 Bridge, Brooklyn, N. Y.

Union Water Meter Co. ("King," "Union," "Columbia," "Nilo," "Nilo-Compound" "Union Compounding Valve"), Worcester, Mass.

Worthington Pump & Machy. Corp., 115 B'way, New York

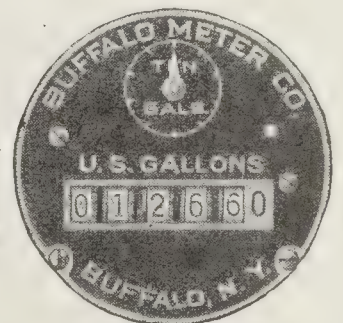
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## FOR WATER AND OIL AND OTHER LIQUIDS

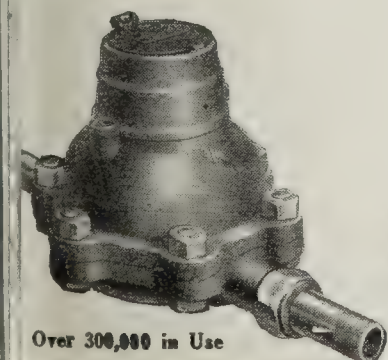
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**9741—Meters (Water-Cart)**

Neptune Meter Co. ("Trident-Crest"), 50 E 42d, New York

**Meters (Water Flow)**

See Recorders, Water Flow

**9742—Meters (Watthour)**

Duncan Elec. Mfg. Co. ("Duncan"), Lafayette, Ind.

**GENERAL ELECTRIC CO.** ("Thomson"), Schenectady, N. Y.

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Roller-Smith Co. ("Columbia"), 233 B'way, New York

Sangamon Electric Co. (Integrating, Direct & Alternating Current, also Ampere Hour Meters), Springfield, Ill.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, (Prepayment Recording), E Pittsburgh, Pa. See adv index at end of book

**9743—Metol Substitute**

General Chemical Co., 25 Broad, New York

**9744—Metronomes**

Thomas Seth Clock Co., Thomaston, Conn.

**9745—Mica (Ground & Pulp)**

See also Mica, Manufactured

Chicago Mica Co. (Ground), Valparaiso, Ind.

English Mica Co., Insurance bldg, Williamsport, Pa.

Keene Mica Products Co., 34 W 33d, New York

Loos & Dilworth (Stained & Pulp), 134 S Front, Phila., Pa.

McMeekan D. Mfg. Co. (Ground Mica & Mica Pulp), 1070 Pacific, Brooklyn, N. Y.

National Gum & Mica Co., 59th & 11th av, New York

Richmond Mica Co., Richmond, Va.

United States Mica Mfg. Co., 14 E Jackson blvd, Chicago, Ill.

Vance D. T. (Ground), Plumtree, N. C.

Whittaker W. H. Co. (Jobbers), 250 Front, New York

**Mica Insulators**

See Insulators

**9746—Mica (Manufactured)**

See also Mica, Ground & Pulp

American Mica Co. (Stove & Electrical), Newton Lower Falls, Mass.

Asheville Mica Co., Asheville, N. C.

Burleson J. E. Mica Co., Spruce Pine, N. C.

Carolina Mineral Co. (Raw, Stove & Cut & Punched Mica), Penland, N. C.

Chicago Mica Co. ("Micabond"), Valparaiso, Ind.

Keene Mica Products Co., 34 W 33d, New York

Meirowsky Bros. ("Micadamite"), Tempered Mica, Jersey City, N. J.

Mica Insulator Co. ("Micanite"), 68 Church, New York

Mica Mfg. Co. (India, Amber & Domestic), 454 18th, Bklyn, N. Y.

Munsell Eugene & Co., 68 Church, New York

Muscovite Mica Co. of Alabama, Tupelo, Miss.

North Carolina Mica Co., 80 North, Boston, Mass.

Producers Mica Co., 225 E 22d, Chicago, Ill.

Richmond Mica Co., Richmond, Va.

Schoonmaker A. O. (Importer, India & Amber), 88 Park pl, New York

United States Mica Mfg. Co., 14 E Jackson blvd, Chicago, Ill.

Warner C. T., 906 S Bishop, Chicago, Ill.

Watson Bros., 170 Purchase, Boston, Mass.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**9747—Mica (Raw)**

Asheville Mica Co., Asheville, N. C.

Burleson J. E. Mica Co., Spruce Pine, N. C.

Doggett Stanley (Dealers & Imp.), 11 Cliff, New York

Fillion S. O. (Cut & Uncut), 68 Murray, New York

Meirowsky Bros., Jersey City, N. J.

Munsell Eugene & Co., 68 Church, New York

Muscovite Mica Co. of Alabama, Tupelo, Miss.

North Carolina Mica Co., 80 North, Boston, Mass.

Richmond Mica Co., Richmond, Va.

Tar Heel Mica Co., Plumtree, N. C.

Vance D. T., Plumtree, N. C.

Watson Bros., 170 Purchase, Boston, Mass.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**9748—\*“Micarta”**

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**9749—\*Micrometers**

See also Gauges, Micrometer

Brown & Sharpe Mfg. Co., Providence, R. I.

Davis Mfg. Co., Milwaukee, Wis.

Goodell-Pratt Co., Greenfield, Mass.

**GREENFIELD TAP & DIE CORP.** (G. T. D.) For Screw Threads, Greenfield, Mass.

See adv index at end of book

Reed Small Tool Works, Worcester, Mass.

Sawyer Tool Mfg. Co., Ashburnham, Mass.

Slocumb J. T. Co., 29 Oxford, Providence, R. I.

**STARRETT L. S. CO.** (Outside, Inside & Metric), Athol, Mass.

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Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.

See adv index at end of book

**Microphones**

See Audiphones

**9750—Microscopes**

Bausch & Lomb Optical Co., Rochester, N. Y.

Eimer & Amend, 205 3d av, New York

Gaertner Wm. & Co., 5345 Lake Park av, Chicago, Ill.

Gundlach-Manhattan Optical Co., Rochester, N. Y.

Heil Henry Chemical Co., St. Louis, Mo.

Leitz Ernest (Metallurgical & Biological, Imp.), 30 E 18th, New York

Queen-Gray Co., 618 Chestnut, Phila., Pa.

Sargent E. H. & Co., 125 W Lake, Chicago, Ill.

Sauveur & Boylston ("Sauveur" Metallurgical), Cambridge, Mass.

Scientific Materials Co., 717 Forbes, Pittsburgh, Pa.

Spencer Lens Co., Buffalo, N. Y.

Sussfeld, Lorsch & Co. (Imp.), 90 Maiden Lane, New York

Thomas Arthur H. Co., W Washington sq, Phila., Pa.

**9751—Microtomes**

Bausch & Lomb Optical Co., Rochester, N. Y.

Leitz Ernest (Imp.), 30 E 18th, New York

Spencer Lens Co., Buffalo, N. Y.

**9752—Milammeters**

**GENERAL ELECTRIC CO.** ("Type D. P."), Schenectady, N. Y.

See adv index at end of book

Weston Electrical Instrument Co., Newark, N. J.

**9752a—Military Brushes**

du PONT E. I. de NEMOURS & CO. (The Arlington Works), 725-27 B'way, New York

**9752b—\*Military Explosives (All Kinds)**

du Pont E. I. de Nemours & Co., Wilmington, Del.

For branch offices see adv index at end of book

**9753—Milk-Shakers**

Erie Specialty Co. ("Quick & Easy"), Erie, Pa.

**9754—\*Mill Bearings**

**DAMASCUS BRONZE CO.** ("Damascus"), N. S. Pittsburgh, Pa.

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**Mill Stones**

See Millstones

**9755—Mill & Factory Supplies**

Firms indicated by a Star (\*) Manufacture Belting also  
For Manufacturers of Mill & Factory Supplies, Consult Index of Contents for Specific Article Required

**ALABAMA.**

ANDALUSIA—Benson Hardware Co.

BIRMINGHAM—Continental Gin Co.

Crane Co. (of Chicago, Ill.), Est. 1855.

Jefferson Plumber & Mill Supply Co.

McClary-Jemison Machine Co.

Moore-Handley Hardware Co.

Yates J. A. Machine Co.

Young & Vann Supply Co. (Also Mine)

BRIDGEPORT—De Loach Mill Mfg. Co.

GREENVILLE—Henderson C. C. Machine Co.

Johnson Hardware & Implement Co.

MOBILE—Barney-Cavanagh Hardware Co.

Courtright & Whiting Supply Co.

Cunningham Hardware Co.

Reliance Equipment Co.

Standard Equipment Co.

Turner Supply Co.

MONTGOMERY—Alabama Machinery & Supply Co.

Barnett G. W., Hardware Co.

Lum Machinery & Supply Co.

Tullis-Gamble Hardware Co.

OPELIKA—Phillips-Yarbrough Hdwre. Co.

SELMA—Union Iron Works Co.

TALLADEGA—Michael Supply & Roofing Co.

**ARIZONA.**

NOGALES—Roy & Titcomb (Also Mine)

PHOENIX—Arizona Mine Supply Co.

Thayer Ezra W. (Also Mine)

PRESCOTT—Hill Samuel Hardware Co. (Also Mine)

TUCSON—Steinfeld Albert & Co. (Mine)

**ARKANSAS.**

FORT SMITH—Atkinson-Williams Hardware Co.

Ketcham Iron Co.

Speer Hardware Co.

HELENA—Tappan Hardware Co.

HOPE—Hope Hardware Co.

HOT SPRINGS—Hot Springs Plumbing & Machine Co.

LITTLE ROCK—Central Supply Co.

Crane Co.

Fones Bros. Hardware Co.

Rose-Lyon Hardware Co.

Rosenbaum C. E. Machinery Co.

PINE BLUFF—Arkansas Mill Supply Co.

Dilley Foundry Co.

Fox Bros. Hardware Co.

**CALIFORNIA.**

GRASS VALLEY—Alpha Hdw. & Supply Co.

Grass Valley Hardware Co. (Also Mine)

LOS ANGELES—Boynton H. R. Co. (Also Mine), 216 N Los Angeles

\*Busch A. H. Co., 150 N Los Angeles

California Hardware Co., 500 E 1st

Crane Co., 321 E 2nd

Ducommun Hardware Co. (Also Mine), 219 S Central av

Harron Rickard & McCone, 225 S. San Pedro

Leland Bros. Co., 414 E 3rd

Pacific Mill & Mine Supply Co. (Also Mine)

Smith E. M. Co., 618 Clarence

Smith-Booth-Usher Co. (Also Mine), 228 S Central av

Squires & Byrne Rubber Co., 124 E 3rd

Union Hardware & Metal Co., 401 E 1st

United Iron Works, 216 E Market

Warren & Bailey Mfg. Co. (Belting, etc), 359 N Main

Wigmore John & Sons Co., N E Cor 4th & San Pedro

NEVADA CITY—Alpha Hdw & Supply Co.

Nevada City Hardware Co.

OAKLAND—United Iron Works

REDDING—McCormick-Saeltzer Co.

SAN DIEGO—Western Metal Supply Co.

SAN FRANCISCO—Atkins E. C. & Co., 257 Mission

Baker & Hamilton, 4th & Brannan



California Belting Co., 1459 Mission  
 California Saw Works, 721 Brannan  
 Cameron Bros. & Co. (Also Mine), 268  
 Market  
 Compressed Air & General Machinery  
 Co., 39 Stevenson  
 \*Cook H. N. Belting Co., 317 Howard  
 Crane Co. (of Chicago), Est. 1855, 2nd  
 & Brannon  
 \*Degan L. P. Belting Co., 258 Mission  
 Dunham, Carrigan & Hayden Co.  
 (Also Mine), Kansas & Division  
 General Machinery & Supply Co., 39  
 Stevenson  
 Golden State & Miners' Iron Works,  
 249 1st  
 Graton & Knight Mfg. Co., 247 Mission  
 Harron, Rickard & McCone, 139 Town-  
 send  
 Hendy Joshua Iron Works, 75 Fremont  
 Horsford Bros. Co., 235 Mission  
 Marwedel C. W., 76 1st  
 Pacific Hardware & Steel Co. (Also  
 Mine), 7th & Townsend  
 Pacific Mill & Mine Supply Co. (Also  
 Mine), 616 Mission  
 Pickthall Supply Co., 321 Fremont  
 San Francisco Engineering Co., 322  
 6th  
 San Francisco Mill Furnishing Co.,  
 521 7th  
 Sullivan Edward S. Co., Monadnock  
 bldg  
 Taber-Bigelow Co., 504 Mission  
 Tay Geo. H. Co., 599 Mission  
 Wagner Jos. Mfg. Co., 165 Beale  
 Woodin & Little, 33 Fremont  
**STOCKTON**—Austin Bros.  
 Holt Mfg. Co.

### COLORADO.

**BLACK HAWK**—Clark Hardware Co.  
 (Also Mine)  
**BOULDER**—Wilson Hardware Co.  
**CENTRAL CITY**—Jenkin-McKay Hdwe  
 Co.  
**CRIPPLE CREEK**—Cripple Creek Mine &  
 Supply Co. (Also Mine)  
**DENVER**—Advance Mach'y & Supply Co.  
 Bogue-Wensley Lead Co.  
 Card C. S. Iron Works Co.  
 Dillon Hardware Co.  
 Garlock Packing Co.  
 Hendrie & Bolthoff Mfg. & Supply  
 Co. (Also Mine)  
 Mine & Smelter Supply Co. (Also  
 Mine)  
 Morse Bros., Machinery & Supply Co.  
 Stearns-Roger Mfg. Co.  
**OURAY**—Arps Hardware Co. (Also Mine  
 & Smelter)  
**TELLURIDE**—Tomkins-Cristy Hardware  
 Co.

### CONNECTICUT.

**BRIDGEPORT** — American Hardware  
 Stores Inc., 140 Middle  
 American Hardware & Supply Co.  
 Crane Co.  
 Hawley Hardware Co.  
 Hunter & Havens  
 \*Palmer N. & Co.  
**BRISTOL**—Weldon S. A. & Son  
**DANBURY**—Danbury Hardware Co.  
 Hull F. A. & Son  
**DANIELSON**—General Supply Co.  
 Jacobs E. H. Mfg. Co. (Textile)  
**DERBY**—Hallock F. Co.  
**HARTFORD**—Bidwell J. C. & Co.  
 Blodgett & Clapp Co.  
 Clapp & Treat  
 Ensworth L. L. & Son  
 Fairbanks Co.  
 Hartford Mill Supply Co.  
 Plimpton & Hills Corporation  
 Tracy Robinson & Williams Co.  
 Woolley Hdwe Co., 44 Asylum  
**MERIDEN**—Church & Morse  
**MIDDLETOWN**—Noxon & Whitney Co.  
**NEW BRITAIN**—Abbe Hardware Co.  
 Mills Herbert L.  
 Rapelye George  
**NEW HAVEN**—Bushnell N. T. Co.,  
 Coe & Brown  
 Mersick C. S. & Co.  
**NEW LONDON**—Darrow & Comstock Co.  
 Eaton & Wilson  
 Williams G. M. Co.  
**NORTH WINDHAM**—Harston L. M. Co.  
**NORWALK**—Hubbell & Staples Hdwe.  
 Co.  
 McLellan Wm. L.

**NORWICH**—Eaton-Chase Co.  
 Preston Bros.  
**PUTNAM**—Chandler & Morse  
**ROCKVILLE**—Harris C. E. Hardware Co.  
**SEYMOUR**—Seymour Lumber & Hard-  
 ware Co.  
**SOUTH MANCHESTER** — Blish F. T.  
 Hdw. Co.  
**STAMFORD**—Southwick Geo. W. Co.  
 Taylor Lincoln  
 Wilson James & Co.  
**THOMASTON**—Welton H. A.  
**TORRINGTON**—Agard Hardware Co.  
 Morrison W. H.  
**WALLINGFORD** — Dickerman Hdw. &  
 Supply Co.  
**WATERBURY**—Connecticut Oil Co.  
 Daly M. J. & Sons  
 Hamilton Hardware Corp.  
 Hotchkiss & Templeton  
 Templeton Charles A., Inc.  
**WILLIMANTIC**—Hurley-Grant Co.  
**WINSTED**—Carroll Jos. L.  
 Merwin & Brown Co.

### DELAWARE.

**WILMINGTON**—Atlantic Mfg. Co.  
 Capelle Hardware Co., 212 Market  
 Delaware Electric & Supply Co., 213  
 Shipley  
 Delaware Hardware Co., 2d & Shipley  
 Hudson Supply Co., Front & Market  
 Kent Lindley C. Co., Front & Monroe  
 \*McComb Thomas, 209 Shipley  
 Peoples Alfred D., 507 Market  
 Speakman Supply & Pipe Co., 30th &  
 Spruce  
 Wilson Hardware Co., 3d & Shipley

### DISTRICT OF COLUMBIA.

**WASHINGTON**—Kendall J. B. Co., 485  
 Missouri av  
 National Electrical Supply Co., 1330  
 New York av., N W

### FLORIDA.

**GAINESVILLE**—Baird Hardware Co.  
**JACKSONVILLE**—Christopher John G. Co.  
 Florida Hardware Co.  
 Georgia Supply Co.  
 Hubbard S. B. Co.  
 Savannah Supply Co.  
**MULBERRY**—Mine & Mill Supply Co.  
**OCALA**—Marion Hardware Co. (also Mine)  
 Ocala Iron Works  
**PENSACOLA**—Avery A. M. & Son  
**ST. AUGUSTINE**—Hamblen C. F.  
**TAMPA**—Cameron & Barkley Co.  
 Knight & Wall Co.  
 Tampa Hardware Co.

### GEORGIA.

**ALBANY**—Albany Mill Supply Co.  
**AMERICUS**—Harris J. W.  
 Sheffield Co.  
**ATLANTA**—Alexander J. M. & Co.  
 Armstrong R. S. & Bro. (Beltings, etc)  
 Atkins E. C. & Co.  
 Avery & Co.  
 Beck & Gregg Hdw. Co.  
 Cotton States Belting & Supply Co.  
 (Railway, Mill & Mach'y Supplies)  
 Crane Company  
 Crumley-Sharp Hardware Co.  
 Fulton Supply Co.  
 General Fire Extinguisher Co.  
 Graton & Knight Mfg. Co.  
 Lowry Co.  
 Malsby Co.  
 Phenix Supply Co.  
 Seeger-Walraven Co.  
 Southern Belting Co. (Cotton Mill  
 Only)  
**AUGUSTA**—Beane Frank E.  
 Lombard Iron Works & Supply Co.  
 Tennant H. C. Supply Co.  
**BRUNSWICK**—Downing Co. (Also Naval  
 Stores)  
**COLUMBUS**—Beach Wm. Hardware Co.  
 Bush Hardware Co.  
 Columbus Iron Works  
**DALTON**—Finley & Son  
**FITZGERALD**—Watt & Holmes Hardware  
 Co.  
**FORT VALLEY**—Georgia Agr'l Works  
**GAINESVILLE**—Gainesville Iron Works  
**MACON**—Corbin Supply Co.  
 Schofield's J. S. Sons Co.  
**ROME**—Battey Machinery Co. (Also  
 Mine)  
 Rome Machine & Fdry. Co.

**SAVANNAH**—Georgia Supply Co.  
 Kehoe Iron Works  
 McKenna Jas. H.  
 Peeples Hardware Co.  
 Rourke Jno. & Sons  
 Savannah Supply Co. (Also Railroad)  
 Weed J. D. & Co.  
**TIFTON**—Tift H. H.  
**TOCCOA**—Matheson W. A.  
**VALDOSTA**—Briggs W. H. Hardware Co.  
**WAYCROSS**—Harley P. N. Hardware Co.

### HAWAII.

**HONOLULU**—Catton, Neill & Co. (Ltd.)  
 Hall E. O. & Son (Ltd.)  
 Honolulu Iron Works Co.

### IDAHO.

**BOISE**—Idaho Hardware & Plumbing Co.  
 (Ltd.) (Also Mine)  
 Northrup Hardware Co., Ltd.  
 Sweet-Teller Hardware Co.  
**LEWISTON**—Means Mark A. Co.  
**WALLACE**—Coeur D'Alene Hdw. & Fdry  
 Co. (Also Mine)

### ILLINOIS.

**AURORA**—Divekey Bros. Mfg. Co.  
**BELLELEVILLE**—Hucke Hardware Co.  
 Karr Supply Co.  
**BELVIDERE**—Fellows Azro  
**BLOOMINGTON**—Keiser-Van Leer Co.  
**BUSHNELL**—Bushnell Pump Co.  
**CAIRO**—McCarthy & Malinski  
 Reed Hardware & Mfg. Co.  
 Woodward Hardware Co.  
**CHICAGO**—Acme Asbestos Covering &  
 Supply Co., 404 N Ada  
*See adv index at end of book*  
 Adams Fred C. Co., 234 S La Salle  
 Adkins, Young & Allen Co., 561 Wash  
 bl  
 Advance Packing & Supply Co., 11 N  
 Franklin  
 \*Allen W. D. Mfg. Co., 520 W Lake  
 Atkins E. C. & Co., 64 E So Water  
 Barrett-Christie Co., 37 S Clinton  
 Besley C. H. & Co., 120 N Clinton  
 Brand S. H. Co., 559 W Lake  
 Caldwell H. W. & Son Co., 17th &  
 Western av  
 Carpenter Geo. B. & Co., 440 Wells  
 Channon H. Co., 150 N Market  
 \*Chicago Belting Co., 125 N Green  
 Chicago Engineer Supply Co., 68 W  
 Lake  
 Chicago House Wrecking Co., 35th &  
 Iron  
 Chicago Pulley & Shafting Co., 40 S  
 Clinton  
 \*Chicago Rawhide Mfg. Co., 1301 El-  
 ston av  
 Clow Jas. B. & Sons, 544 S Franklin  
 Collins Wm. P. & Co., 701 S Dearborn  
 Consolidated Railway & Mill Supply  
 Co., 327 S La Salle  
 Cook & Chick Co., 18 E Kinzie  
 Crane Co. (Est. 1855), 836 S Michigan  
 av

*For branch offices see adv index at end of book*  
 Crerar, Adams & Co., 259 E Erie  
 Curtis & Co. Mfg. Co., 215 N Desplaines  
 Davies Supply Co., 410 W Ontario  
 Dodge Mfg. Co., 214 S Clinton  
 Fensholt & Fechner, 16 S Clinton  
 Garlock Packing Co., 326 W Madison  
 Gollner Phillip Co., W 33d & Archer av  
 \*Graton & Knight Mfg. Co., 32 S Jef-  
 ferson  
 Gump B. F. Co., 429 S Clinton  
 \*Gutta-Percha & Rubber Mfg. Co., 301  
 W Randolph  
 \*Hamilton Rubber Mfg. Co., 1229 S  
 Michigan  
 Harris Samuel & Co., 114 N Clinton  
 \*Henlon & Hubbel, 219 N Jefferson  
 Hills-McCanna Co., 153 W Kinzie  
 Illinois Malleable Iron Co., 1801 Diver-  
 sey blvd *See adv index at end of book*  
 \*Jewell Belting Co., 167 W Lake  
 Kraft A. C., 323 W Lake  
 \*Ladew Edw. (Est. of), 549 Washing-  
 ton blvd  
 Limbert Geo. B. & Co., 558 Fulton  
 \*Lynch Edw. & Co., 31 S Clinton  
 McMaster-Carr Supply Co., 174 N Mar-  
 ket  
 Machinists Supply Co., 19 N Jefferson  
 \*Main Belting Co., 15 N Jefferson  
 Manning, Maxwell & Moore, 27 N  
 Jefferson  
 \*Mechanical Rubber Co., 307 W Ran-  
 dolph  
 Moloney Belting Co., 301 W Randolph



Monarch Mill & Supply Co., 53 W Jackson blvd  
 \*New York Belting & Packing Co., 124 W Lake  
 Norman C. Erwin & Co., 18 W Kinzie  
 \*Page Belting Co., 624 Wash'n blvd  
 Plamondon A. Mfg. Co., 12 N Clinton  
 Puster Belting & Pulley Co., 523 W Van Buren  
 Republic Mfg. Co., 14 N Peoria  
 \*Revere Rubber Co., 158 W Lake  
 Rollins Supply Co. (Also Mine & Railroad), 17 W Kinzie  
 Salisbury W. H. & Co., 105 S Wabash av  
 \*Schieren Chas. A. Co., 128 W Kinzie  
 Scott Valve Co., 310 W Randolph  
 Seehausen-Wehrs & Co., 173 N Franklin  
 Skillin & Richards Mfg. Co., 4520 Cortland  
 Sprague Canning Machinery Co. (All kinds for Cannery, etc.), 222 N Wabash av  
 Steamfitters Supply Co., 10 W Illinois  
 Street R. R. & Co. (Textile), 549 Washington blvd  
 Trench Daniel G. & Co., 222 N Wabash av  
 Weir & Craig Mfg. Co., 2421 Wallace  
 Weller Mfg. Co., 1856 N Kostner av  
 Western Packing & Supply Co., 231 N 5th av  
 Whitaker Mfg. Co., 409 S Green  
 Williams I. B. & Sons, 14 N Franklin  
 Willis F. C., 565 Wash'n blvd  
 Winne Howard B., 714 W Jackson blvd  
 Woodcock Bros., 165 N Jefferson  
 Young H. P. (Mine), Great Northern bldg  
**CHICAGO HEIGHTS**—Gordon Supply Co.  
**DANVILLE**—Conron Thos. Hardware Co.  
 Holmes Robt. & Bros. (Also Mine)  
 Inland Supply Co. (Also Mine)  
**DECATUR**—Aultman & Taylor Machinery Co.  
 Field & Shorb Co.  
 Morehouse & Wells Co.  
 Union Iron Works (Belting, etc.)  
**FREEPORT**—Dorman & Co.  
**JOLIET**—Barrett Hardware Co.  
**KANKAKEE**—Norris D. M. & Son  
**MOLINE**—Barnard & Leas Mfg. Co.  
 Dunn Thos. & Sons  
**OTTAWA**—Jordan R. C.  
 Refflor Hardware Co.  
**PEKIN**—Velde, Roelfs & Co.  
**PEORIA**—Bittel Wm  
 Couch & Heyle  
 Dooley Bros. (Jobbers, Mine), 604 S Adams  
 Hagerty Bros. Co. (Mine)  
 Kinsey & Mahler Co.  
 Meyer F. & Bro. Co.  
 Nailon Bros. Co.  
**PRINCETON**—Priestley Hardware Co.  
**QUINCY**—Best E. Plumbing, Heating & Supply Co.  
 Hollister-Whitney Co.  
**ROCKFORD**—America Heating & Supply Co.  
 Rockford Brass Works  
 Savage & Love Co.  
**ROCK ISLAND**—Channon & Dufva (Factory & Steamboat)  
**SPRINGFIELD**—Hudson J. L. & Co.  
 Miller W. B. & Son  
**STREATOR**—Williams Hardware Co.

## INDIANA.

**ANDERSON**—Kaufman Hardware Co.  
 May Supply Co.  
**AUBURN**—Auburn Hardware Co.  
 Culbertson Hardware Co.  
**BRAZIL**—Industrial Supply Co. (Also Mine)  
**CARLISLE**—Risinger Thos.  
**COLUMBUS**—Schwartzkopf's J. G. Sons  
**CONNERSVILLE**—Stant Geo. Machine Works  
**ELKHART**—Borneman & Sons  
**EVANSVILLE**—Clifford Hardware Co.  
 Evansville Leather & Belting Co.  
 Laib Co.  
 Orr Iron Co. (Also Mine)  
**FORT WAYNE**—Fort Wayne Oil & Supply Co.  
 Gauntt F. G. Mfg. Co. (For Flour & Feed Mills)  
 National Mill Supply Co.  
 Pfeiffer Henry & Son Co.  
 Schlatter C. C. & Co.  
**GARY**—Calumet Supply Co.  
**GOSHEN**—Hawks Hardware Co.

**GOSPORT**—Burkete A. H.  
**GREENSBURG**—Corbett & Rohe  
 Watson W. A.  
**INDIANAPOLIS**—Atkins E. C. & Co., 402 10th S  
 Central Rubber & Supply Co., 120 S Meridian  
 \*Hide, Leather & Belting Co., 227 S Meridian  
 Holliday W. J. & Co., 326 W Georgia  
 Indianapolis Belting & Supply Co., 32 S Capitol av  
 Kenney Machinery Co., 124 S Capitol av  
 Nordyke & Marmon Co., 1290 Kentucky av.  
 Taylor Belting Co., 247 S Meridian  
 Van Camp Hdw. & Iron Co., 401 N Maryland  
 Vonnegut Hdw. Co., 120 C Washington  
**KENDALLVILLE**—Flint & Walling Mfg. Co.  
**KOKOMO**—Kokomo Hardware Co.  
 Kokomo Supply Co.  
**LAFAYETTE**—Biggs B. F. Pump Co.  
 Johnson Hardware Co.  
 Reule Fred'k  
**LOGANSPOUT**—Ullery S. W. & Son  
**MARION**—Hogin, McKinney & Co.  
 Marion Hdw. Co.  
 Marion Machine, Foundry & Supply Co.  
**MISHAWAKA**—Dodge Mfg. Co.  
 Dodge Sales & Engineering Co.  
**MUNCIE**—Keiser Geo. & Co. (& Labor Saving Farm Machy)  
 Scott R. Hardware Co.  
**RICHMOND**—Jones Hdw. Co.  
**SOUTH BEND**—South Bend Supply Co.  
**TERRE HAUTE**—Austin Hardware Co.  
 Crane Co.  
 Freitag, Weinhardt & Co.  
 Smith's C. C. Sons Co.  
 Watson C. D. Co. (Also Mine)  
**UNION CITY**—Knapp Supply Co.  
**VINCENNES**—Weed W. H.

## IOWA.

**BONAPARTE**—Blackford W. S. & A. V.  
**BURLINGTON**—Stewart & Hayden Co.  
**CEDAR RAPIDS**—Cedar Rapids Pump Co.  
 Fawcett C. E.  
 Iowa Wind Mill & Pump Co.  
 Orr Bros. Supply Co.  
**DAVENPORT**—Hanssen's Louis Sons  
 Sieg Co. (Belting & Power Transmitting, etc)  
**DECORAH**—Johnson Peter & Sons  
**DES MOINES**—Baker Machinery Co.  
 Beckman Bros.  
 Dempster Mfg. & Supply Co.  
 Globe Machy. & Supply Co.  
 Iowa Machy. & Supply Co.  
 McDonnell Boiler & Iron Works  
**DUBUQUE**—Deckert W. D. Co.  
 Dubuque Rubber & Belting Co.  
 McDonald A. Y. Mfg. Co.  
**FORT DODGE**—Leighton Supply Co.  
**GREELEY**—Hilsenbeck H. C.  
**LE MARS**—Pech Gustave Foundry & Mfg. Co.  
**NORTHWOOD**—Tenold Bros.  
**SIoux CITY**—Crane Co.  
 McGraw Co.  
 Novelty Mfg. Co.  
**WATERLOO**—Cutler Hardware Co.  
 Waterloo Mfg. Co. (Belting, Packing, etc.)

## KANSAS.

**ATCHISON**—Thayer Supply Co.  
**ENTERPRISE**—Barnard Machinery Co.  
 Ehram J. B. & Sons Mfg. Co.  
**ESKRIDGE**—Trusler Wm.  
**FORT SCOTT**—Penniman A. C. & Sons, Hardware Co.  
**IOLA**—Shannon T. B.  
**JUNCTION CITY**—Muenzenmayer J. J. & W. F.  
**LEAVENWORTH**—Great Western Mfg. Co.  
**TOPEKA**—Thompson W. A. L. Hardware Co.  
 Western Foundry & Machine Works  
**WICHITA**—Western Iron & Foundry Co.

## KENTUCKY.

**ASHLAND**—Ashland Fdry & Machine Works  
**HENDERSON**—Blackwell P. A. & Co.  
**HOPKINSVILLE**—Metcalfe J. J.  
**LEXINGTON**—American Metallic Packing Co.  
 Smith-Watkins-Darnaby Co.

**LOUISVILLE**—Ahrens & Ott Mfg. Co., 319 W Main  
 Belknap Hardware & Mfg. Co., 2nd & Washington  
 Caldwell W. E. Co., 2270 Brook  
*See adv index at end of book*  
 Cowan Andrew & Co., 421 W Main  
 Hite W. W. & Co., 523 W Main  
 Kentucky Saw Works, 1004 W Main  
 Laib Co., 1401 S 8th  
 Morton E. D. & Co., 516 W Main  
 Neill W. H. Co., 505 W Main  
 Pyne Co., 927 Rupp  
 Semple W. & A. C., 309 W Main  
 Todd-Donigan Iron Co., 813 W Main  
 Vogel P. A. & Sons, 121 E Main  
 Waters-Garland Co. (also Textile), 419 W Main  
**OWENSBORO**—Guenther Hardware Co.  
**PADUCAH**—Hank Bros.  
 Jackson Foundry & Machine Co.  
 Peter H. A. Supply Co.  
**PIKEVILLE**—Call Bros. Hardware Co.

## LOUISIANA.

**ALEXANDRIA**—Brown, Roberts Hardware & Supply Co. (Ltd.)  
**BATON ROUGE**—Doherty Hardware Co.  
 Fuqua Hardware Co.  
**DONALDSONVILLE**—Lemann B. & Bro.  
**HAMMOND**—Hammond Hardware & Supply Co. (Ltd.)  
**LAFAYETTE**—Lacoste Hardware Co., Ltd.  
**MONROE**—Southern Hardware Co. (Ltd.)  
 Weeks Supply Co.  
**NEW ORLEANS**—Ahrens & Otto Mfg. Co.  
 846 Baronne  
 Atkins E. C. & Co., 239 Canal  
 Baldwin A. A. Co., Camp & Common  
 Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av  
 Gibbens-Finney-Gordon Co., 213 Canal  
 Hauptman & Loeb Co. (Ltd.), 717 Magazine  
 Kittredge-Waters Supply Co., Ltd., 422 Common  
 Lockett A. M. & Co., Ltd., 533 Baronne  
 Menge Marine Hardware & Supply Co., 338 Camp  
 Murphy Jno. H., 643 Magazine  
 Patterson C. T. Co. (Ltd.), 801 Tchoupitoulas  
 Payne & Joubert Machine & Foundry Co., Howard & Euphrosine  
 Reliance Machinery & Supply Co., 217 S Peters  
 \*Revere Rubber Co., 700 Baronne  
 Simonds Mfg. Co. (Ltd.), 420 Canal  
 Southern Belting Co. of New Orleans, La., 602 S Peters  
 Stauffer, Eshleman & Co., Ltd., 511 Canal  
 Van Horn Oliver H., 518 Camp  
 Well-Gutmann Supply Co., 214 S Peters  
 Whitney Supply Co., 418 S Peters  
 Woodward, Wight & Co., Ltd., Howard av & Constance  
**SHREVEPORT**—Gulf States Belting & Hose Co.  
 Henderson W. K. Iron Works, & Supply Co.  
 Lee Hardware Co. (Ltd.)  
**THIBODAUX**—Planters' Hardware Co.

## MAINE.

**AUBURN**—Elms James  
**AUGUSTA**—Brooks Hardware Co.  
 Fifield Bros. Co.  
**BANGOR**—Schwartz's M. Sons  
 Snow & Nealley Co.  
 Taylor Abner  
 Union Iron Works  
**BATH**—Johnson Bros. Co.  
**DEXTER**—Fay & Scott  
**ELLSWORTH**—Westcott H. F.  
**GARDINER**—Scribner Harvey (Est. of)  
**HOULTON**—Watson John & Co.  
**LEWISTON**—Carman-Thompson Co.  
 Hall & Knight Hdw. Co.  
 Smith John B. & Co.  
 Stetson J. H. Co.  
 Whitney Geo. A. Co.  
**MECHANIC FALLS**—Penney J. W. & Sons Co.  
**PORTLAND**—Adde & Co.  
 Blake W. L. & Co.  
 Corey E. & Co.  
 Edwards & Walker Co.  
 Emery-Waterhouse Co.  
 King & Dexter Co.  
 Portland Co.  
 Portland Rubber Co.  
 Smith & Abbott Co.  
 Talbot, Brooks & Ayre



ROCKLAND—Crie H. H. & Co.  
SACO—\*Beatty Janson W. & Co.  
S. BERWICK—General Supply Co.  
WATERVILLE—Clafin Machine Co.

### MARYLAND.

BALTIMORE—Add. Jno. B. Co., 326 N Holliday  
Aumen Machinery Co., 109 E Lombard  
Bolton Bros., 416 E Pratt  
Carey Machinery & Supply Co., 119 E Lombard  
Codd Tank & Specialty Co., 406 W Camden  
Coggins & Owens, 19 S Charles  
Crook-Horner Supply Co., 7 Balderson  
Cuyler & Mohler, 611 William  
\*Druid Oak Belting Co., 111 E. Lombard  
Fairbanks Co., Lombard & Light (See New York City)  
Harvey Company, 113 South  
Jewel Supply & Equipment Co., 34 So. Calvert  
Kessel Henry A. Co., 121 S Gay  
Kries Henry A. & Sons Co., 8 W Lombard  
\*Maryland Belting & Packing Co., 1626 Bank  
Meyer Henry H. Co., 110 S Howard  
*See adv index at end of book*  
Schuchts D. B., 215 President  
Spedden Supply Co. (Marine Also), Boston & Kenwood av,  
Stebbins Wallace & Sons, 100 S Charles  
Struven Chas. M. & Co., 114 S Frederick  
Wallace & Gale (Oils, Coverings, Compounds, etc.), 115 S Gay  
Zies Chas. & Sons, 320 S Fremont av  
CUMBERLAND—Humbird Supply Co. (Mine)  
McKaig Merwin (Also Mine)  
Wilson & Pugh (Also Mine)  
FREDERICK—Gomber John  
HAGERSTOWN—Foltz Mfg. & Supply Co.  
SALISBURY—Dorman & Smyth Hardware Co.  
Grier Robt. D.  
Gunby L. W. Co.

### MASSACHUSETTS.

ADAMS—Weston L. A.  
AMESBURY—Fowler F. S.  
ANDOVER—Morse Walter I.  
ATHOL—Paige C. F. & Co.  
AYER—Proctor E. O. Co.  
BOSTON—American Shuttle Co., Exchange bldg  
Anderson Geo. P. & Co., 65 Oliver  
Armstrong G. R. Mfrs. Supplies, 257 Franklin  
\*Bay State Belting Co., 605 Atlantic av  
Bigelow & Dowse Co., 229 Franklin  
Blackburn S. P. & Co., 287 Atlantic av  
Boston Belting Co., 84 Linden Park  
Boston Engineers' Supply Co., 159 Pearl  
Boston Steam Specialty Co., 332 A  
Braman, Dow Co., 239 Causeway  
Brigham Arthur A., Old South bldg  
Buerkel & Co., 24 Union Park  
Byers & Smith, 105 Haverhill  
Chandler & Farquhar Co., 36 Federal  
Chase Chas. F., 170 Summer  
Chase, Parker & Co., 81 Pearl  
Chesterton A. W. Co., 64 India  
Cutter & Wood Supply Co., 68 Pearl  
Davis S. H. Co., 68 Portland  
Dodge, Haley Co., 218 High  
Dow L. B., 136 Federal  
Eagle Oil & Supply Co., 45 India  
English C. R. Co., 167 Oliver  
Evans Mill Supply Co., 212 Summer  
Factory & Mill Supply Co., 137 Oliver  
Federal Metallic Packing Co., 48 Hanover  
Field Wm. H. Co., 35 Washington, N.  
Fitts Frank E. Mfg. & Supply Co., 88 Purchase  
Gallison Wm. H. Co., 399 Atlantic av  
Garlock Packing Co., 88 Broad  
Gilchrist Geo. E. Co., 106 High  
Globe Leather Belting Co., 519 Atlantic av  
Graton & Knight Mfg. Co., 33 Lincoln  
Hamblet & Hayes Co., 284 Devonshire  
Harrington King & Co., 79 Commercial  
Hinds & Coon, 126 Pearl  
Holt, Shattuck & Co., 45 Washington N.

Hubbard W. B. & Sons Co., 176 Oliver  
Hunt Henry C. Co., 135 Oliver  
Ireson Chas. L., 221 High  
Jager Chas. J. Co., 15 Custom House  
Johnson-Washburn Co., 91 Haverhill  
Kessel Henry A. Co., 33 India  
Knowlton Geo. W. Rubber Co., 60 Pearl  
\*Ladew Edw. R. Co. (Estate of), 200 Summer  
Livermore H. F. Co. ("Textile"), 85 Pearl  
Lumsden & Van Stone Co., 69 High  
Lunt Moss Co., 43 S Market  
McLean-Jones Oil & Supply Co., 40 India Wharf  
Manning, Maxwell & Moore, 141 Milk  
Manufacturers Equipment & Engineering Co., 136 Federal  
Morton A. M. & Co., 25 Washington  
Murphy, Leavens & Co., 168 Commercial  
Nightingale & Childs Co., 205 Congress  
\*Page Belting Co., 60 Pearl  
Patterson Lubricating Co., 114 Broad  
Pratt R. W. & Son, 111 Haverhill  
Rawles James D. Co., 74 Pearl  
Rhode Island Supply & Sprinkler Co., 141 Milk  
Shackley W. T. & Son Co., 49 High  
Sherburne & Co., 53 Oliver  
Sherman G. N. B. & Son, Newton Hlds  
Sherman G. B. & Co., 170 Summer  
Speed & Stephenson (Textile), 170 Summer  
Speare's Alden Sons Co., 156 Sixth  
Sumner & Gerald, 287 Congress  
Tracy Lewis E. Co., 127 Broad  
Walworth Mfg. Co., 798 First  
Watkins Engineering Supply Co., 137 High  
Wilkinson A. J. & Co., 184 Washington  
BROCKTON—Noyes C. A. Co.  
CLINTON—Pratt E. O.  
EASTHAMPTON—Manchester Geo. L. Co.  
Ryan James P.  
FALL RIVER—American Supply Co.  
Borden, Jefferson & Son  
Borden & Remington Co.  
Chace Leonard S.  
Covel & Osborn Co.  
Davis N. Frank  
Fall River Rubber Co.  
Fyans, Fraser & Blackway Co.  
Luther Reed Mfg. Co.  
Slack James N.  
Sterling Ring Traveler Co.  
Toohey M. J. & Co.  
Union Belt Co.  
Waterman Supply Co.  
Wetherell O. B. & Son Co.  
FITCHBURG—Fitchburg Hardware Co.  
Parks G. M. Co.  
FRANKLIN—Hosie Horace W.  
Milliken L. W. & Son  
GARDNER—Davis Hardware Co.  
GLOUCESTER—Andrews L. E. & Co.  
Stoddart A. P. & Co.  
GREENFIELD—Allen's S. Sons  
Stearns Joel M.  
HAVERHILL—Busfield Machine Co.  
HOLYOKE—Chase & Cooledge Co.  
Holyoke Supply Co.  
Holyoke Valve & Hydrant Co.  
Pearson W. A.  
Russell G. E. & Co.  
Russell J. & Co.  
Wells E. D. & Co.  
LAWRENCE—Austin M. E. & Co.  
Barlow John W. Co.  
Blandin Co.  
Hall Paint & Hardware Co.  
Robinson Hardware Co.  
Smart George B. & Co.  
Stanchfield H. J. & Co.  
Treat Hdw. & Supply Co.  
LEICESTER—Watson L. S. Mfg. Co.  
LEOMINSTER—Gavin Hardware Co.  
Leominster Hardware Co.  
LOWELL—Adams Hardware & Paint Co.  
Barker H. R. Mfg. Co.  
Bartlett W. T. S.  
Bartlett & Dow Co.  
Cady George L. & Sons  
Coburn C. B. Co.  
Hutchins Geo. E.  
Knowles Scale & Supply Co.  
Middlesex Machine Co.  
Thompson Hardware Co.  
Turner J. S. Mfg. Co.  
\*Whiting Henry F.  
LYNN—Harding J. W. & Co.  
Howe Oliver B.  
Trefethen F. L.  
MANSFIELD—Fuller W. C. Co.  
MATTAPOISETT—Dexter A. M. (Est. of)

MIDDLEBORO—Doane G. E.  
MILFORD—Ellis, Clark & Sons  
Staples & Gould  
MILLBURY—Williams J. H. Co.  
NEW BEDFORD—Babbitt Steam Specialty Co.  
Dunham Crawford L.  
Hillman F. G.  
Knowles Wm. H. & Co.  
Lowe S. C. Supply Co.  
Manufacturers' Supply Co.  
New Bedford Mill Supply Co.  
New Bedford Rubber Co.  
Rankin & Arnold  
Slocum & Kilburn  
NEWBURYPORT—Russell, Albert & Sons Co.  
NORTH ADAMS—Burlingame & Darby Co.  
NORTH CHELMSFORD—\*North Chelmsford Machine & Supply Co.  
ORANGE—Chase Turbine Water Wheel Mfg. Co.  
Orange Hardware Co.  
PALMER—Buck E. A. & Co.  
Whitcomb & Faulkner  
PEABODY—Hamblet Hardware Co.  
Hamblet & Hayes Co.  
Whidden A. H. & Son  
PITTSFIELD—Barris-Kenyon Co.  
Berkshire Mill Supply Co.  
ROCKLAND—Hall & Torrey  
SALEM—Goodell Zina  
SOMERVILLE—Birch Bros. (Textile)  
SOUTH ATTLEBORO—Hopkins Harold V.  
SOUTHBRIDGE—Winter G. C.  
SPRINGFIELD—Carlisle Hardware Co.  
Chapman & Brooks Co.  
Dexter & Bowles (Paper Makers')  
Foot Homer & Co.  
Foss W. J. Co.  
Law J. Douglas Co.  
Morris T. J.  
Oliver & Howland Co.  
Russell Jno. W. & Sons Co.  
Springfield Belting & Supply Co.  
Stacy E. S. Machine Co.  
Wyckoff & Lloyd Co., 19 Worthington  
TAUNTON—Park W. R. & Son  
Pierce Hardware Co.  
Presbrey-Field Co.  
TURNERS FALLS—Webster F. I.  
WALPOLE—Rooney Jno. B.  
WALTHAM—Taylor & Percival  
WARE—Sibley J. B. & Son  
WESTFIELD—Bryan Hardware Co.  
Mill Specialties Co.  
WORCESTER—Brierly-Lombard Co., 662 Main  
Buck E. A. & Co.  
Burlingame A. Co.  
Duncan & Goodell Co.  
\*Hudson Belting Co., 3 Eaton pl  
Marble J. Russell & Co.  
Mason Brush Works  
\*Warren J. F. & W. H. Co.  
Willard W. H. & Co.  
Worcester Rubber Co.

### MICHIGAN.

ALPENA—Kline Lewis T.  
BATTLE CREEK—Brockett L. B. & Son  
Galloup J. O.  
BAY CITY—Alert Pipe & Supply Co. (Also Mine)  
Jennison Hardware Co. (Also Vessels)  
BIG RAPIDS—Binney Machine Works  
Judson C. P. & Co.  
CADILLAC—Drury & Kelley Hardware Co.  
CALUMET—Carlton Hdw. Co. (Also Mining)  
CHEBOYGAN—Post J. J. Hdw. Co. (Ltd.)  
DETROIT—Anderson-Kenneth Co. (Packaging, etc), 33 Atwater  
Boyer-Campbell Co., Congress & Brush  
Buhl Sons & Co., 103 Woodbridge W  
Central Distributing Co., 316 Harper  
Conklin S. P. (Pipe Coverings, etc), 68 Jefferson av  
Detroit Mill Supply Co., 64 High  
\*Detroit Oak Belting Co., 266 Wight  
Edwards H. D. & Co., 16 Woodward av  
Harvey's A. Sons Mfg. Co., 1st & Woodbridge  
Humphreys E. C. Co., 445 Howard  
Kerr Mach'y & Supply Co., Fort & Beaubien  
Sales Murray W. & Co., 76 Jefferson av  
Strelinger Chas. A. Co., 98 Bates  
Taylor Supply Co., 164 Larned  
Walker Mfg. & Supply Co., Shelby & Woodbridge  
Wing J. T. & Co., 19 Woodward av  
DOWAGIAC—Bishop Hardware Co.  
Onen Hardware Co.



ESCANABA—Delta Hardware Co.  
 FLINT—Hubbard Geo. W. Hardware Co.  
 Sterner Edwin Co.  
 GRAND RAPIDS—Barclay, Ayers &  
 Bertsch Co.  
 Braudy M. & Sons  
 Grand Rapids Salvage Co.  
 Hayden J. M. Co.  
 Raniville F. Co.  
 HOUGHTON—Portage Lake Hdw. Co.,  
 (Ltd.) (Also Mine)  
 Swift I. E. Co. (Principally Mining)  
 IRON MOUNTAIN—Rundie A. J. (Also  
 Mining)  
 IRONWOOD—Lesselyong Hardware Co.  
 (Also Mine)  
 ISHPEMING—Eggen Fred. J.  
 JACKSON—Central Distributing Co.  
 Smith-Winchester Co.  
 KALAMAZOO—Bard Chas. G.  
 Bond Supply Co.  
 Edwards & Chamberlain Hardware Co.  
 Wheeler-Blaney Co.  
 LANSING—Michigan Supply Co.  
 MARQUETTE—Manhard M. R. & Son  
 MENOMINEE—Northern Hardware &  
 Supply Co.  
 MUSKEGON—Howden J. J. Co.  
 Towner Hardware Co.  
 PAW PAW—Waters H. C. & Co.  
 PORT HURON—Port Huron Engine &  
 Thresher Co.  
 SAGINAW—Alert Pipe & Supply Co.  
 (Also Mine)  
 Michigan Saw Co.  
 Morley Bros.  
 Saginaw Hardware Co.  
 Saginaw Mfg. Co. (Pulleys)  
 Sullivan Supply Co.  
 Wickes Bros. *See adv index at end of book*  
 ST. IGNACE—Kynoch Chas. & Co.  
 SAULT SAINT MARIE—Soo Hardware  
 Co.  
 SHELBY—Rankin A. J.  
 TECUMSEH—Satterthwaite Bros.  
 Whitenack D. L. & Co.  
 TRAVERSE CITY—Traverse City Iron  
 Works

## MINNESOTA.

CLOQUET—Fish Hardware Co.  
 DULUTH—Duluth Iron & Metal Co.  
 Kelley-How-Thomson Co.  
 Marshall-Wells Hardware Co. (Also  
 Mine & Lumbermen's Supplies)  
 Northern Hardware Co.  
 MINNEAPOLIS—Atkins E. C. & Co., 122  
 Washington av N  
 Central Supply Co., 312 S Third  
 Engineering & Steam Supplies Co.,  
 1029 S 3rd  
 Gilmore D. M. Co., 515 S 3d  
 Harris Machinery Co., Washington &  
 University, S E  
 Howell R. R. & Co., 31st av  
 Janney, Semple, Hill & Co., 1st av S  
 & 2nd  
 Kelly H. & Co., 1029 S 3d  
 Link Belt Supply Co. (Mill & Grain  
 Elevator), 410 S 3d  
 Manufacturers' Supply Co., 2323 Uni-  
 versity av S E  
 Morison W. K. & Co., 15 S 7th  
 National Mfg. & Supply Co., 256 3d av  
 S  
 Northern Machinery Co., 503 S 6th  
 \*Nott W. S. Co., 2nd av N & 3rd  
 Plant Rubber Co., 322 1st av N  
 Sanford Chas. E. & Co. (Also Mine),  
 202 Wash'n av N  
 Satterlee F. E. Co., 120 Wash'n N  
 \*Sikes S. R. Co., 1030 S 3rd  
 Strong-Scott Mfg. Co., 413 S 3rd  
 Willford Mfg. Co., 303 S 3d  
 ST. PAUL—Crane & Ordway Co., 5th &  
 Rosabel  
 \*Goodyear Rubber Co., 375 Sibley  
 Western Supply Co., Park Square  
 WINONA—Cone R. D. Co.

## MISSISSIPPI.

CLARKSDALE—Clark Walter  
 Clarksdale Machinery Supply Mfg. Co.  
 Sommerse Hardware Co.  
 COLUMBUS—Jacobs F. M.  
 CORINTH—Adams W. T. Machine Co.  
 JACKSON—McClelland T. Hardware Co.  
 Mississippi Fdry. & Machine Co.  
 MERIDIAN—Hyde Chas. J.  
 Williams Cliff Machine Co.  
 NATCHEZ—Baker & McDowell Hdw. Co.  
 Feltus Bros.  
 Schwartz & Stewart

VICKSBURG—Hoffman Louis Hdw. Co.  
 Richardson-Lee & Co.  
 Robinson B. J.  
 Wright Bros. Hardware Co.  
 YAZOO CITY—Crane-Hamel Hdw. Co.

## MISSOURI.

JOPLIN—Joplin Supply Co.  
 McNeal Machinery Co.  
 United Iron Works Co. (Also Mine)  
 KANSAS CITY—Bonniwell-Calvin Iron Co.  
 Brunner H. J. Hardware & Machine  
 Supply Co., 1306 Grand  
 Bunting Hardware Co., 810 Walnut  
 Byrnes Belting Co., 1406 W 12th  
 English Tool & Supply Co., 408 W 5th  
 Equipment Co. (R. R., etc), 1522 Grand  
 av  
 \*Goodyear Rubber Co., 80 Baltimore av  
 Great Western Mfg. Co., 1221 Union av  
 Gustin-Bacon Mfg. Co., 1416 W 12th  
 Harbison Mfg. Co., 1219 W 10th  
 Kansas City Pump Co., 1314 W 10th  
 Richards & Conover Hardware Co.,  
 5th & Wyandotte  
 U. S. Water & Steam Supply Co., 1315  
 W 12th  
 Williams H. R. Mill Supply Co., 103  
 Mass bldg  
 Young W. B. Supply Co., 208 Dela-  
 ware av  
 MOBERLY—Faessler J. Mfg. Co.  
 ST. JOSEPH—Bristol Co.  
 Horgan Supply Co.  
 Howe W. B. Supply Co.  
 ST. LOUIS—Barry-Wehmiller Machy. Co.,  
 6501 Florissant  
 Beck & Corbitt Iron Co. (Mine &  
 Shop), 1230 Main  
 Broderick & Bascom Rope Co. (Mine),  
 805 N Main  
 Brown-McDonald Machinery Co., 9th  
 & N Market  
 Byrnes Belting Co., 2109 Locust  
 \*Capen Belting & Rubber Co., Main  
 & Chestnut  
 Cornelius Mill Furnishing Co., 119 W  
 6th  
 Crane Co. (of Chicago), Est. 1855, 16th  
 & Walnut  
 Crescent Oil & Supply Co., 303 Main  
 Crockwell Mine & Mill Supply Co.,  
 New Bk. Com. bldg  
 Day Rubber Co., 415 N 4th  
 Dodge Sales & Engineering Co., 408 N  
 4th  
 Donovan Iron & Supply Co., 812 N  
 Main  
 Essmuller Mill Furnishing Co., 1222  
 S 8th  
 Fisher & Davis Mfg. Co., 934 N 1st  
 Geller, Ward & Hasner Hardware Co.,  
 412 N 4th  
 Graton & Knight Mfg. Co., 711 N 8th  
 Hall & Brown Woodworking Machine  
 Co., 1913 N. B'way  
 Handlan-Buck Mfg. Co., 210-14 N 3d  
 Hirsch Cal. & Sons Iron & Rail Co.,  
 300 S Broadway  
 Johnson Wm. C. Sons Mach. Co.  
 Leschen A. & Sons Rope Co. (Belting,  
 Packing, etc), 920 N Main  
 Manning, Maxwell & Moore, R'way  
 Exch. bldg  
 Matthews Geo. T. & Co., 20 S Main  
 Nelson N. O. Mfg. Co., 10th & Chest-  
 nut  
 \*New York Belting & Packing Co.,  
 218 Chestnut  
 Rubelmann Lucas Hdw. Co., 1939 N.  
 B'way  
 Rumsey L. M. Mfg. Co., 810 N 2nd  
 St. Louis Belting & Supply Co., 509  
 So 4th  
 St. Louis Machinists' Supply Co., 920  
 N. B'way  
 Shapleigh Hardware Co. (Also  
 Miners'), 4th & Washington av  
 Simmons Hardware Co., 9th & Spruce  
 Southern Railway Supply & Equip-  
 ment Co., 113 N 2nd  
 Streett J. D. & Co. (Also Mine), 809  
 N. 2nd  
 Teuscher & Son Machinery Supply Co.,  
 527 N 2nd  
 Zelnicker Walter A., Supply Co., 325  
 Locust  
 SPRINGFIELD—McGregor-Noe Hardware  
 Co.  
 United Iron Works Co. (Mine)  
 WEBB CITY—Joplin Supply Co. (Mine)

## MONTANA.

ANACONDA—Anaconda Copper Mining  
 Co.  
 BUTTE—Anaconda Copper Mining Co.  
 Montana Hardware Co.  
 HELENA—Holter A. M. Hardware Co.  
 KALISPELL—Kalispell Mercantile Co.  
 MISSOULA—Missoula Mercantile Co.

## NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.  
 LINCOLN—Western Supply Co.  
 OMAHA—McGraw Co.  
 Sunderland Machinery & Supply Co.  
 U. S. Supply Co.  
 YORK—York Fdry. & Engineering Works

## NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.  
 Parent Arthur E.  
 CLAREMONT—Rand, Ball & King Co.  
 CONCORD—Concord Pipe Co.  
 Thompson & Hoague Co.  
 EXETER—Lane G. W. & C. A.  
 KEENE—Spencer Hardware Co.  
 LACONIA—Huse W. D. & Sons  
 Quinby A. T. & Son  
 LANCASTER—Thompson Mfg. Co.  
 MANCHESTER—Cornish E. P.  
 Manchester Hardware Co.  
 Manchester Supply Co.  
 Varick Jno. B. Co.  
 MILFORD—French W. F.  
 Peirce W. E. & Co.  
 NASHUA—Grover File Co.  
 PETERBORO—Walbridge & Taylor  
 PORTSMOUTH—Chadwick & Trefethen  
 SOMERSWORTH—Sweetser-Sanborn Co.  
 WHITEFIELD—Stoughton Hardware Co.

## NEW JERSEY.

ATLANTIC CITY—Allen E. Philip & Co.  
 Currie Co.  
 BAYONNE—Bayonne Supply Co.  
 Meyer & Ruh Co.  
 ELIZABETH—Elizabeth Hardware Co.  
 GUTTENBURG—Herrmann F. W. Co.  
 JERSEY CITY—Gibbons Ernest A. Co.,  
 27 Montgomery  
 Jersey City Supply Co., 12 Mercer  
 Johnson H. Co., ft Gates av  
 Perkins Arthur L. Co., 144 12th  
 Sands Jos. S., 491 W Side av  
 MADISON—Force Chas. C. & Son  
 NEWARK—Banister & Pollard, 206 Market  
 Coe Jas. A. & Co., 106 Mulberry  
 Crabb Wm. & Co., 3d av, cor 4th  
 Crane Co. (of Chicago), 84 Mechanic  
 Crane Co., 48 Mechanic  
 \*De Forge L. M., 83 Hixon pl  
 Essex Supply Co., 54 Polk  
 Johnson-Mandeville Co., 496 Broad  
 Jones & Auerbacher, 26 Mechanic  
 Ludlow & Squier, 97 Market  
 Macknet & Doremus, 796 Broad  
 \*Meier's Jos. Sons, 306 Market  
 Mutual Supply Co., 87 Penna av  
 Rising & Thorne, 475 Broad  
 Roe Wm. S., 17 Mechanic  
 ROE & CONOVER, 206 Frelinghuysen  
 av *See adv index at end of book*  
 Walker Chas. W. Sons & Co., 274 Mar-  
 ket  
 NEW BRUNSWICK—Weigel Philip, Jr.  
 ORANGE—Lindsley Jno. H.  
 PASSAIC—Mills H. W. & Co.  
 New Jersey Engineering & Supply Co.  
 PATERSON—Ash Henry M.  
 Cleaver & Leather  
 Cleveland J. W. Hardware Co.  
 Cox Jas. T.  
 Cronin Jno. P.  
 Doremus John T. Co.  
 Frost Geo. T. & Sons  
 Hall I. A. & Co. (Textile)  
 Hindley Edwin B. & Co.  
 Low F. Eliot & Co.  
 Mills H. W. & Co.  
 Myers Geo. A. & Co.  
 National Mill Supply Co.  
 Paterson Reed & Harness Co. (Textile)  
 Paterson Supply Co. (Textile)  
 Quackenbush & Son  
 Quinn Bros.  
 Rigby H.  
 Smith Abe  
 Ulrich Co.  
 Van Riper Mfg. Co. (Textile)  
 Van Winkle J. A. Co.  
 Walder Jacob (Textile)  
 PERTH AMBOY—Elizabeth Hardware Co.  
 McCormick W. H. & Son



TRENTON—Crook A. M. & Son  
Katzenbach F. S. & Co.  
Lanning G. W.  
Manufacturers Selling Co.  
Warren, Balderston & Co.  
WEEHAWKEN—Berger Edw. W. & Bro.

### NEW MEXICO.

ALBUQUERQUE—Whitney Hardware Co.  
(Also Mine)

### NEW YORK.

ALBANY—\*Albany Belting & Supply Co.  
Stoneman M. G. & Son  
Wing Robert B. & Son, 385 B'way  
AMSTERDAM—Gardner E. W. (Textile)  
AUBURN—Herron P. M. Hardware Co., 34  
Genesee

Smith & Pearson  
BATAVIA—Russell & Palmer  
BATH—Gould & Nowlen  
BINGHAMTON—Babcock, Hinds & Under-  
wood

Gaylord & Eitapenc Co.  
Morse E. W. Co.  
BROOKLYN—(See N. Y. City, Borough of  
Brooklyn)

BUFFALO—Beals & Co., 44 Terrace  
\*Bickford & Francis Belting Co., 35  
Pearl

Buffalo Belting Works, 18 Ellicott  
Buffalo Mill Supply Co., 210 Main  
Buffalo Wholesale Hdw. Co., 317 Wash-  
ington

Bushnell Clarence E.  
Case W. A. & Sons Mfg. Co., 31 Main  
Erie Mill & Marine Supply Co., 80  
Pearl

Fairbanks Co., 108 Pearl  
\*Goodyear Tire & Rubber Co., 1013  
Main

Hendee-Connor Co., 60 Pearl  
Hoffeld R. & Co., 61 Carroll  
Kemp Rubber Co., 326 Washington  
McCutcheon C. H., 27 Washington  
Mahoney Daniel & Sons, 17 Main

Peerless Belting Co., Indian Church rd  
Peerless Mill Supply Co., 25 Terrace  
Root Neal & Co., 178 Main  
Ruckel J. H. & Son, 81 Main  
Schaefer & Co., 146 Clinton

Strong Homer  
Walbridge & Co., 392 Main  
Weed & Co., 95 Swan  
Whittet, Barrett & Co., 59 Main  
Wright A. B. & Co., 230 Washington

CATTARAUGUS—Oakes & Burger Co.  
COHOES—Kavanaugh Geo. W.  
Laughlin Edwin B.

Laughlin John  
Sweet & Doyle  
CORTLAND—Gallup Hardware Co.

ELMIRA—Elmira Storage & Supply Co.  
Horton Machine Works  
GENEVA—Emig & Hatmaker

GLENS FALLS—Kalbfleisch Theo. F.

GLOVERSVILLE—Batcheller E. S. & Co.  
Sowle J. E.

GOUVERNEUR—Loveland M. E.

GREENE—Lyon Iron Works

HAVERSTRAW—Lane Chas. R.

Rose & Johnson

HUDSON—Jones & Hardy

Parker Byron

ILION—Newth N. J. Hardware Co.

ITHACA—Tremam-King & Co.

JAMESTOWN—Clark Hdw. Co.

Underwood F. J.

JOHNSTOWN—McGuire & Tymeson Co.

KINGSTON—Canfield Supply Co.

Johnson J. T.

LITTLE FALLS—Burney Bros.

Burrell D. H. & Co. (For Creamery &  
Cheese Factories, etc)

Taylor Jno. R. & Co.

LOCKPORT—Trevor Mfg. Co.

LONG ISLAND CITY—(See N. Y. City,  
Borough of Queens)

MALONE—Perkins H. F.

MECHANICSVILLE—Safford Henry D

NEWBURGH—Holland Hardware Co.

Smith W. L.

NEW ROCHELLE—Dimock & Fink Co.

### NEW YORK CITY.

#### Borough of Brooklyn.

BROOKLYN—Brown Jas. H., 139 3d av  
Jacobs Geo. P. & Co., 276 S 9th  
Johnson J. D. Co., 51 Boerum pl  
Kasper & Koetzle, 565 Bushwick  
Kiley Thos. W. & Co., 57 Grand

McElraevy & Hauck Co., 440 B'way  
Morse Roy B., 3rd av & 35th  
Smyth-Donagan Co., 247 St. Marks av  
Universal Hdwe. & Supply Co., 79  
Greenpoint av  
Wickes John C. Co., 189 Montague

#### Boroughs of Manhattan and Bronx.

NEW YORK—Atkins E. C. & Co., 43 War-  
ren

Barron H. J. & Co., 149 B'way  
Bass Bros., 82 Walker

Bayne Jasper Co., 29 Sullivan

Beggs Jas. & Co., 30 Warren

Behrer & Co., 81 Beekman

Behringer Edw. A., Inc., 88 W. B'way

Belth & Reilly Co., 2475 3d av

Bettes & Ebsen, 150 Chambers

Bowman M. K. Edson Co., 64 Dey

Braunfels, Browning & Co., 1940 Park  
av

Burnet Co., 69 South

Callahan Geo. & Co., 218 Front

Campbell Supply Co., 570 Columbus av

Chase Charles F., 39 Cortlandt

Chatwin Alfred Supply Co. (Tools &  
Supplies), 401 Broome

Consolidated Packing & Supply Co.,  
136 Liberty

Cooney-Dunn Co., 72 Grand

Cornell & Underhill, Greenwich &  
Spring

Deutermann Geo., 209 Centre

Dienst A. P. Co., 2604 3d av

Dill J. T. Co. (Pulleys, Hangers &  
Shafting), 90 Walker

Dimock & Fink Co., 220 E 125th

Dixon Wm., 39 John

Dodge Mfg. Co., 21 Murray

Donegan & Swift, 6 Murray

Du Bois F. N. & Co., 247 9th av

Dunham, Carrigan & Hayden Co., 127  
Duane (Also Mine)

Eberhart M. & Son Co., 1462 1st av

Fairbanks Co., 416 Broome

Fitzgerald M. J. Co., 252 Lafayette

Flint & Chester, 237 Lafayette

Fox Bros. & Co., 126 Lafayette

Frank Henry Jr., 374 Hudson

Frasse Co., 170 Fulton

FRASSE, PETER A. & CO. (INC.),  
417 Canal.

*See adv index at end of book*

Garrett W. D. & Co., 136 Liberty

Giannini G. W., 437 W 42d

Gibbons Jno. V., 133 Greenwich

Glauber Sam S., 242 E 79th

GODFREY-KEELER CO., 70 Warren

*See adv index at end of book*

Graton & Knight, 72 Warren

Greason Mfg. Co., 108 W 99th

Greene, Tweed & Co., 109 Duane

Griscom, Russell Co., 92 West

*See adv index at end of book*

Hammacher, Schlemmer & Co., 133 4th  
av

Hardware & Supply Co., 215 Canal

Harrison John (Est. of) (Old Rope),  
169 South (Also Mine)

Hemphill A. J. Co., 11 Broadway

Hoole & Gesswein, 84 Walker

International Engineer Supply Co.,  
123 Prince

Irving Mfg. & Tool Co., 157 Chambers

Johnson J. D. Co., 54 Cliff

Katzenstein Leopold & Co., 358 West

Keasbey Robt. A. Co., 445 West

Kessel Henry A. Co., 38 Pearl

Leonard & McCoy, 161 Wash'n

Leschen A & Sons Rope Co. (Belting,  
Packing, etc.), 90 West

McCoy Henry J. Co., 65 Dey

McMANN & TAYLOR CO. (Jobbers),  
104 John. *See adv index at end of book*

Macwatty D. & Co., 103 Chambers

Manning, Maxwell & Moore, 119 W  
40th

Marine Mfg. & Supply Co., 158 South

Miller & McLean, 120 Liberty

Mine & Smelter Supply Co. (Mine), 42  
B'way

Mitchell-Bissell Co., 251 4th av

Montgomery & Co., 105 Fulton

Motley James M., 71 Beaver

Murray H. J., 85 Warren

Murray, Jno. A. & Co., 310 W 39th

NASON MFG. CO., 71 Fulton

*See adv index at end of book*

Neal B. B. Hardware Co., 117 Leonard

Neal & Brinker Co., 81 White

\*New York Belting & Packing Co.  
91 Chambers

New York Wheelbarrow Co., 180 West

Ogden J. Edward Co., 147 Cedar  
Olney & Warrin, 406 Broome  
Patterson Bros., 27 Park row  
Patterson, Gottfried & Hunter, 211  
Centre

Pearson J. H. Supply Co., 79 White  
Pfaff George, 109 Lafayette  
Pollock Alex. Co., 203 West  
Roberts Geo. I. & Bros., 471 4th av  
Robertson Jas. L. & Son, 78 Murray

ROCK PRODUCTS EQUIPMENT

CORP., 42 Church, New York

*See adv index at end of book*

Rogers H. A. Co., 87 Walker

Rumsey Pump & Machine Co., 75 War-  
ren

Saginaw Mfg. Co., 88 Warren

\*Schieren Charles A. Co., 30 Ferry

\*Schultz Belting Co. (of St. Louis,  
Mo.), 111 Chambers

Secor A. W., 76 Fulton

Simmons Jno. Co., 110 Centre

Smith G. & Son, 251 W 28th

Starratt & Jones Co., 28 Howard

Stephens & Conrow Co., 98 Park pl

Stroh & Wilson, 420 W 42d

STRONG MACHINERY & SUPPLY

CO., 21 Walker

*See adv index at end of book*

Thompson Co., 301 W 126th

Tracy Frank, 202 Centre

Tucker Tool & Machine Co., 75 Murray

Urquhart's Jno. S. Son & Co., 131 Lib-  
erty

Walls T. P. Tool & Supply Co., 75  
Walker

Walsh & Hartwig, 217 E 58th

Williams Wm. E., 62 Front

Williams & Wells Co., 250 Fulton

Wilson O. C. & K. R., 78 Dey

#### Borough of Queens.

LONG ISLAND CITY—Brodie Wm., 307

Jackson av

Petry Jno. W. Co., 87 Fifth

#### Borough of Richmond.

WEST NEW BRIGHTON—Staten Island

Supply Co., 398 Bay

#### (End of New York City)

NIAGARA FALLS—Elderfield-Hartshorn

Hardware Co.

Niagara Falls Hdwe & Supply Co.

NORWICH—Ireland Machine & Foundry  
Co.

OGDENSBURG—Hackett Patrick, Hard-  
ware Co.

Ogdensburg Machine Co.

ONEIDA—Ruby Geo. H. Hardware Co.

OSWEGO—Dings Chas. W.

Oswego Tool Co.

PALMYRA—Garlock Packing Co.

PEEKSKILL—Naylor Bros.

Wessells W. F.

PLATTSBURG—Plattsburg Foundry &  
Machine Co.

ROCHESTER—Barr & Creelman Co.

Chamberlin Rubber Co.

\*Cross Bros. & Co.

Ernst Louis & Sons

Falls Frank H.

Forster John M. Co.

Haverstick & Co. (Also Mine & R. R.)

Matthews & Boucher

Roby Sidney B. Co.

Strong Homer

Weed & Co., 13 Exchange

Wright & Alexander Co.

ROME—Jackson Charles H.

Townsend's Jno. Sons

Wardwell Hdw. Co.

SCHENECTADY—Witbeck, Clark Co.

SYRACUSE—Barnes & Irving, Inc.

Burhans & Black (Inc.)

Fairbanks Co.

Foley Supply Co., 327 E Water

Jones I. G. Co.

Joy Edw. Co.

McCarty Chas. C., 300 W Water

Strong Homer

\*Syracuse Supply Co.

Wood C. H. Company

TROY—\*Barnum Bros. Co.

Horan Jas. J. & Co.

Interstate Machinery Co.

\*Pine & Co.

\*Troy Belting & Supply Co.

Warren J. M. & Co.

UTICA—Bowman Geo. A.

Kavanaugh Geo. W.

Millar Chas. & Son Co.



Munson Mill Machinery Co. (Grist Mill Supplies)  
Smyth-Despard Co.  
Utica Novelty & Mill Specialty Co.  
WATERTOWN—Avery M. E. Co.  
Bradley Thos. H.  
Conde W. W. Hardware Co.  
Hunting Co.  
Kalbfleisch Supply Co.  
Kamargo Supply Co.  
Weekes John & Son Co.

## NORTH CAROLINA.

ASHEVILLE—Asheville Supply & Fdry Co  
CHARLOTTE—Alexander & Garsed  
\*Charlotte Leather Belting Co.  
Charlotte Supply Co.  
Cramer Stuart W.  
General Fire Extinguisher Co.  
Liddell Co.  
Mecklenburg Iron Works  
Textile Mill Supply Co.  
DURHAM—Byrd Text Machy. & Supply Co.  
ELIZABETH CITY—Jones D. M. Co.  
GOLDSBORO—Dewey Bros.  
GREENSBORO—Clymer L. M.  
Greensboro Supply Co.  
Odell Hardware Co.  
HENDERSON—O'Neil M. J.  
NEWBERN—Gaskill Hardware Co.  
Hyman Supply Co.  
RAEFORD—Raeford Hdw. Co.  
RALEIGH—Dillon Supply Co.  
Raleigh Iron Works Co.  
WASHINGTON—McKeel-Richardson Hdw. Co.  
WILMINGTON—Hyman Supply Co.  
Standard Supply Co.  
WINSTON-SALEM—Crawford Plumbing & Mill Supply Co.

## NORTH DAKOTA.

FARGO—Crane & Ordway Co. (of Chicago), Est. 1855  
Harrington Hubert  
JAMESTOWN—Chenery & Co.

## OHIO.

AKRON—\*Akron Belting Co. (Belting, Hose, etc)  
Hardware & Supply Co.  
ASHTABULA—Mitchell Hardware Co.  
Paine-Ford Co.  
Smith Homer P.  
BUCYRUS—Picking D. & Co.  
CAMBRIDGE—Branthoover & Johnston Co. (Also Mine)  
CANTON—Canton Hardware Co.  
Canton Supply Co.  
Yohe Wm. S.  
CINCINNATI—\*American Oak Leather Co., Kenner Dalton & McLean avs  
Boebinger Hdw. Co., 315 E Pearl  
\*Bradford Belting Co., Walnut & 2d  
Crane Co. (of Chicago), Est. 1855, 824 B'way  
Devou V. N. Supply Co., 506 Central av  
Dodge Mfg. Co., 128 W 3d  
Doermann-Roehrer Co. (Also Mine Supplies), 318 E 3rd  
Eagle Counter & Leather Co., 416 E 8th  
Economy Machinery Co. (Jno. H. Flynn, Prop.), 428 E Pearl  
Fewlass-Leen Brass & Iron Co., 610 E Front  
Hammond Heating Co., 130 E Pearl  
Johnston Wm. T. Co., 3d & Vine  
Kinsey E. A. Co., 331 W 4th  
LUNKENHEIMER CO., Executive Offices & Factories: Beekman & Waverly See adv index at end of book  
Merkel Bros. Co., Canal & Jackson  
Morris E. K. & Co., 317 W 2d  
Nuhring Chas. & Bro., 1212 Walnut  
Ohio Rubber Co., 228 W 7th  
Pickering Hardware Co., 5th c Main  
QUEEN CITY SUPPLY CO., Pearl & Elm  
Straub Machinery Co., 1230 Knowlton  
Thompson Walter M., 1427 Plum  
Uhllein Julius & Co., 208-14 Elm  
Vulcan Supply Co. (Also Mine, R. R., etc), 120 Sycamore  
Wirthlin-Mann Co. (Also Mine), 329-31 W 3d  
Wood J. R. Supply Co., 917 B'way  
CLEVELAND—Acme Mill Supply Co. (Scrap Iron, Steel & Metal), Guardian bldg  
BARTLETT C. O. & SNOW CO., French. See adv index at end of book  
Bingham W. Co., 1278 W 9th

Buckeye Belting & Supply Co., 1560 W 3rd  
Cleveland Tool & Supply Co., 1427 W 6th  
Consumers' Rubber Co. (Rubber, etc), 829 Superior av N W  
Garlock Packing Co., Engineers' bldg  
Ingraham T. & Co., 1539 Columbus rd  
Lockwood-Luetkemeyer-Henry Co., 725 Superior av, N W  
Mau-Sherwood Supply Co., 1616 W 3rd  
Morton-Pettitt Co., 3951 St. Clair  
Ohio Rubber Co., 725 St. Clair av, N E  
Pattison W. M. Supply Co., 777 Rockwell av  
Philpott Rubber Co., 1408 W 3d  
Standard Tire & Rubber Mfg. Co., Hippodrome bldg  
Strong, Carlisle & Hammond Co., 336-344 Frankfort av, N W  
White Tool & Supply Co., 1313 W 6th N W  
Worthington Geo. Co., 832 St. Clair av, N W  
COLUMBIANA—Enterprise Co. (Sawmill)  
COLUMBUS—Columbus Belting & Supply Co., 77 E Long  
Columbus Mill & Mine Supply Co. (Also Mine), 75 N Front  
Columbus Supply Co., 37 W Spring  
Osborne & Sexton Machinery Co., 4th & Russell  
Ross-Willoughby Co., 178 3rd  
Sackett Mine Supply Co. (Also Mine Supplies), 164 N 3d  
Scioto Valley Supply Co. (Also Mine), Long & 3rd  
Smith Bros. Hdw. Co., 38 W Chestnut  
Talmadge Hardware Co., 147 N High  
Westwater Supply Co. (Also Mine), 150 N 3rd  
CONNEAUT—Mitchell Hardware Co.  
COSHOCTON—Keagy & Lear Machine Co. (Also Mine)  
DAYTON—Dayton Iron & Steel Co.  
Gump Charles A.  
Larkin M. D. Supply Co.  
Patterson Tool & Supply Co.  
EAST LIVERPOOL—Milligan Hardware & Supply Co.  
FINDLAY—Ohio Pipe Co.  
GENEVA—Harley Bros.  
HAMILTON—Hamilton Supply Co.  
IRONTON—Central Hardware & Harness Co. (Belting, etc)  
KENTON—Cantwell Hardware Co.  
LIMA—Cover Hardware Co.  
Good Tool & Supply Co.  
Jones Hardware Co.  
MANSFIELD—Hughes Supply Co.  
MARIETTA—Frick & Lindsay Co.  
Seyler Hardware Co.  
MILAN—Curtis Machine Co.  
NEW PHILADELPHIA—Sharp Mfg. & Supply Co.  
NORWALK—Gfell John H. & Co.  
PIQUA—Angle Hardware Co.  
Woodcox I. N. & Son  
PORTSMOUTH—Hibbs Hardware Co.  
ST. MARYS—Jasperson Supply Co.  
SALEM—Salem Hardware Co.  
SPRINGFIELD—Burton G. F. Co.  
Springfield Hdw. Co.  
Vulcan Hardware Co.  
TIFFIN—Crobough & Dahm H'dware Co.  
TOLEDO—Arbuckle-Ryan Co.  
Auburndale Hardware Co.  
Bostwick-Braun Co.  
Coghlin Machinery & Supply Co.  
Hardy & Dischinger Co.  
Heavy Hardware Co.  
National Supply Co.  
Ohio Plumbers' Supply Co.  
Star Hardware & Supply Co.  
Stollberg Hardware & Paint Co.  
Toledo Belting Co.  
Toledo Rubber Co.  
Toledo Saw & Supply Co.  
Wilcox M. I. Co.  
UPPER SANDUSKY—Beidler F.  
YOUNGSTOWN—Stambaugh Thompson Co.  
Wilkins-Leonard Hardware Co.  
ZANESVILLE—Clossman Hardware Co.

## OKLAHOMA.

CLINTON—Welch Wholesale Hardware Co.  
EL RENO—El Reno Foundry & Machine Co.  
ENID—Young J. A. Machine & Supply Co.  
MCALISTER—Union Iron Works  
MUSKOGEE—Atlas Supply Co.  
NOWATA—Nowata Hardware & Supply Co.

OKLAHOMA—Mideka Supply Co.  
Sherman N. S. Machinery & Iron Wks.  
PURCELL—Beringer Hardware Co.  
SAPULPA—Bovaird Supply Co.  
TULSA—Oklahoma Iron Works

## OREGON.

BAKER—Basche-Sage Hardware Co.  
GRANTS PASS—Grants Pass Hardware Co. (Also Mine)  
Rogue River Hardware Co.  
PORTLAND—Atkins E. C. & Co., 75 1st  
Avery & Co., 48 3rd  
Davis-Scott Belting Co., 240-260 Hawthorne av  
Gauld Co., 69-75 N 12th  
Goodyear Rubber Co., 67 4th  
Hammond Mfg. Co. (Also Mine), Kamm bldg  
Kline M. L., 84-86 Front  
Marshall Wells Hardware Co. (Also Mine), 14th & Kearney  
Mitchell-Lewis & Staver Co., E Morrison & E 3rd  
Pacific Mill & Mine Supply Co.  
Portland Iron Works, 14th & Northrup  
Portland Machinery Co., 62-66½ 1st  
Ross J. J. Mill Furnishing Co. (Flour Mill)  
Western Supply Co., 61 First

## PENNSYLVANIA.

ALLENTOWN—Allentown Reed, Harness & Mill Supply Co.  
Grammes L. F. & Sons  
Hersh F. Hardware Co.  
Taylor William H. & Co.  
Young M. S. & Co.  
ALTOONA—Standard Supply & Equipment Co. (Also Mine)  
ASHLAND—Buck Peter E. & Sons (Also Mine)  
BEAVER FALLS—Brierly Frank F. & Sons  
Davidson W. J. & Sons  
Palmer Henry S. Supply Co.  
BETHLEHEM—Krause J. S. Hardware Co.  
BRADFORD—Emery Hardware Co.  
Oil Well Supply Co.  
BUTLER—Campbell J. G. & W.  
CHESTER—Galey Hardware Co.  
Harper Mfg. Co.  
Howland Wm. O.  
Riley Benj. F.  
CLEARFIELD—Clearfield Machine Shops  
Dufton Hardware Co.  
Powell Wm. F.  
COATESVILLE—Pownall Hardware Co.  
CONNELLSVILLE—Connellsville Mfg. & Mine Supply Co.  
CORY—Barlow Hardware Co.  
DANVILLE—Danville Hardware & Supply Co.  
DUBOIS—Dubois Iron Works (Also Mine)  
Osborn Machine Co.  
EASTON—Macan Jr., Co.  
ERIE—Coblentz Tool & Supply Co.  
Erie Mfg. & Supply Co.  
Standard Pipe & Supply Co.  
Stirling-Warfel Mill Supply Co.  
United Hardware & Supply Co.  
Weller H. P. Supply Co.  
HARRISBURG—Mather E. Co.  
HAZLETON—Hazleton Machinery & Supply Co. (Also Mine)  
Woodring Jeremiah & Co. (Also Mine)  
HUNTINGTON—Miller C. H. Hardware Co.  
JOHNSTOWN—Johnstown Supply House (Also Mine)  
Swank Hardware Co.  
KANE—Kane Supply Co.  
KINGSTON—Roat A. J. Supply Co. (Also Mine)  
LANCASTER—Cummings, Bevis & Levan Herr & Co.  
Reilly Bros. & Raub  
Steinman Hdw. Co.  
LEBANON—Krause Geo. Hardware Co.  
Lebanon Engineering & Supply Co.  
MEADVILLE—Gill D. A.  
Rhodes I. M. & Co.  
MILTON—Buoy John Y. Co.  
MUNCY—Sprout, Waldron & Co.  
NEW CASTLE—Dickson & Co.  
Smith C. E. Hardware Co.  
Smith-Hutton & Kirk Co.  
NORRISTOWN—Quillman Benjamin Hdw. Co.  
OIL CITY—Logan Robert  
OSCEOLA MILLS—Stine S. B. (Mine)  
PATTON—Central Hdw. & Supply Co. (Also Mine)



**PEN ARGYL**—Correll R. S. (Also Mining)  
**PHILADELPHIA**—Annear Wm., 57 N 2d  
 Army C. W. & Son, Trenton & Somerset  
 Belfield H. Co. 435 N Broad  
 Bell H. E., 212 Church  
 \*Billington Jas. H. Co. (Textile Mach.), 113 Chestnut  
 \*Bond Chas. Co., 520 Arch  
 Brown D. P. & Co., 262 N 4th  
 Bullock C. K., 1357 Ridge av  
 Consolidated Belting Co., Delaware & Jeffrey  
 Crane Co. (of Chicago) (Est. 1855), 245 Master  
 Cressman N. C. Co. (Mill, Mine & R. R.), Drexel bldg  
 Crozier R. J. Co. (R. R. Mill & Mine), North American bldg  
 Devitt Paul J., 1101 S 2nd  
 De Zouche, Hanson & Co., 14 N 5th (Also Mine)  
 Diamond Specialty & Supply Co. (also mine), Harrison bldg  
 Diamond Textile Machine Works, 1820 N 10th  
 Dodge Mfg. Co., 815 Arch  
 Etsweiler Wm. (Leather, etc), 230 N 3d  
 Fairbank Co., 701 Arch  
 Fifer & Beatty, Front st & Lehigh av  
 Graton & Knight Mfg. Co., 132 N 3d  
 Haines, Jones & Cadbury Co., 1136 Ridge av  
 \*Houghton E. F. & Co. ("Vim," "Houghton" Oak), 240 W Somerset  
 Industrial Requirements Co., 136 Chestnut  
 Jenkins Bros., 133 N 7th  
 Keep Bros., 225 Sansom  
 Kinkert & Sheppard Co., 4669 Frankford  
 \*Ladew Edw. R. Co. (Est. of), 14 S 3d  
 Latimer R. L. & Co., 24 N Front  
 Latta John S. Co., 1227 Arch  
 Levick's Richard Son & Co. (Rubber Belting, Hose, Packing, etc), 720 Chestnut  
 McComb A. M., 116 N 3rd  
 Maddock & Co., 40 N 6th  
 \*Main Belting Co., 1219 Carpenter  
 Maneely John, 309 Arch  
 Manning, Maxwell & Moore, Lincoln bldg  
 Manufacturers' Supplies Co., Juniper & Cherry  
 Mitchell F. A., 20th & Callowhill  
 Murta-Appleton & Co., 12th & Sansom  
 Naumann Hdw. & Supply Co., 4324 Gtn av  
 Pancoast Henry B. Co., 243 S 3d  
 Paulus Jos. C. & Co., 2507 Potter  
 Pechin Belting Co., Orchard & Torsdile  
 Powell, Clouds & Co. (Tools & Supplies), 602 Arch  
 Quaker City Rubber Co. (A full line; also Mfrs. of "Daniel's P. P. P." Packing), 629 Market  
 Rainear C. J. & Co., 518 Arch  
 Restein Clement Co., 139 N 2d  
 \*Rhoads J. E. & Sons (Leather, etc), 12 N 3d  
 Rich J. & G., 126 N 6th  
 Richards E. W. & Co., 2029 Frankford  
 Sachs Wm. A., 1152 Germantown av  
 Savill's Thos. Sons, 1310 Wallace  
 Schade Valve Mfg. Co., 2528 N American  
 \*Schieren Chas. A. Co., 226 N 3d  
 Sees & Faber Co., 2008 N Front  
 Shannon J. B. Hdw. Co., 816 Chestnut  
 Shannon J. Jacob & Co., 1744 Market  
 Shultz Belting Co., 116 N 3d  
 Smith Jas. & Co., 1820 N 10th  
 Snyder M. L. & Son, 223 Church  
 Spaulding & Metcalf, 532 Arch  
 Standard Supply & Equipment Co. (Also Wire), N W cor. Cherry & 13th  
 Williamson & Cassedy, 526 Market  
 Wise & Bailey, 108 Walnut  
 Wolfenden Daniel (Textile), 232 Arch  
**PHILLIPSBURG**—Gill Mfg. Co. (Mine)  
**PHOENIXVILLE**—Benjamin Hdw Co.  
**PITTSBURGH**—Armstrong - Wolfe - Zimmerman Co., 1st & Market  
 Balrd Machinery Co., 123 Water Best Co.  
 Bowman Supply & Mfg. Co., 890 Main  
 Briggs Machinery Co., 238 2d av  
 Brown & Zortman Machinery Co., 2535 Liberty  
 Carlin Machy. & Supply Co., 161 E Lacock

Childs H. L. & Co. (Also Mine), 249 Water  
 Colonial Supply Co. (Also Mine), 414 1st av  
 Dodge Mfg. Co., 337 2d av  
 Flocker Jno. & Co., Ltd., 957 Liberty  
 Frick & Lindsay Co. (Also Mine), Robinson  
 Garlock Packing Co., 100 Smithfield  
 Green L. A., First Natl Bk bldg  
 Harris Pump & Supply Co., 320 2d av  
 \*Hartley-Rose Belting Co., 425 1st av  
 Hukill, Hunter Co., 414 Wood  
 Industrial Supply Co., Jenkins Arcade  
 Johnson-Morehouse & Dickey Co. (Also Mine), 106 Market  
 Kirk Supply Co., Farmers' Bank bldg  
 Lindsay J. C. Hardware Co., 12 8th  
 Logan-Gregg Hdw. Co., 121 9th  
 Machinists Supply Co., 324 3d av  
 Oil Well Supply Co. (Also Mine), 215 Water  
 Penn Equipment Co. (Also Mine), Park bldg  
 Phillips J. & H., 627 Liberty av  
 Phillips Mine & Mill Sup. Co., 2227 Jane  
 Pittsburgh Gage & Supply Co. (Also Mine), 30th & Liberty av  
 Rose Tool & Supply Co. (And Mine), 5 Wood  
 Somers, Fittler & Todd Co., 325 Water  
 Speck, Marshall Co., 314 2d av  
 Standard Scale & Supply Co., 1631 Liberty av  
 Standard Supply & Equip. Co. (Also Mine), 29th & Smallman  
 Turner Chas. A. (Mill, Mine & Railroad Supplies), 3d av & Chancery  
 Universal Supply Co., 1st Natl. Bank bldg  
 Woodwell Jos. Co., 207 Wood  
**POTTSTOWN**—Fegely J. & Son  
**POTTSVILLE**—Bright George Hardware Co.  
 Pottsville Supply Co. (Principally Mine)  
**PUNXSUTAWNEY**—Brown Hardware Co.  
 Punxsutawney Fdry & Machine Co.  
**READING**—Bard Hardware Co.  
 Berks Engineering Co.  
 Bright & Co.  
 Obold Hardware Co.  
 Stichter Hardware Co.  
**RIDGWAY**—Ridgway Mfg. Co.  
**ROUSEVILLE**—Rouseville Supply Co.  
**SCRANTON**—Bittenbender Co.  
 Case W. A. & Son Mfg. Co.  
 Maloney Oil & Mfg. Co.  
 Potter L. B. & Co. (Also Mine)  
 Scott Chas. B. Co.  
 \*Scranton Supply & Mach'y Co. (Also Mine)  
**SHAMOKIN**—Jones Hardware Co. (Also Mine)  
**SHARON**—Fruit-Oil Co. (Also Foundry & Blast Furnace Supplies)  
**SOMERSET**—Schell P. A. & Co.  
**TITUSVILLE**—Kernochan & Co.  
 United Hardware & Supply Co.  
**TUNKHANNOCK**—Billings Paul & Sons  
**UNIONTOWN**—Uniontown Hdw. & Supply Co. (Also Mine)  
**WARREN**—Pickett Hdw. Co.  
**WILKES-BARRE**—Eastern Penna. Supply Co.  
 Lewis & Bennett Hardware Co.  
**WILLIAMSPORT**—Keeler E. Co.  
 Kline & Co. (Also Mine)  
 National Foundry Mfg. & Supply Co.  
 Valley Iron Works  
**YORK**—Duff William E.  
 Mehring H. B. & Co.  
 Motter's Geo. F. Sons  
 Small P. A. & S. Co.

### RHODE ISLAND.

**CENTRAL FALLS**—American Supply Co.  
**EAST PROVIDENCE**—Humes Mfg. Co.  
**PAWTUCKET**—Blackstone Reed & Har-ness Co., 41 Bayley  
 Copeland Mill Supply Co., 424 Central av  
 Easton & Burnham Machine Co., Pine  
 Edmonds Arthur B. Co., Slater av  
 Toole W. K. Co., 180 Main  
**PROVIDENCE**—Allen & Reed, 178 Dor-rance  
 \*American Supply Co., 135 Washington  
 Barker, Chadsey & Co., 38 Westminster  
 Brown Bros. Co., 62 Exchange pl  
 Chase F. A. & Co., 253 W Exchange  
 Church E. C. Co., 5 Eddy  
 Conlin J. C., 361 Washington

Gilbert & Tierney Supply Co., 50 Ex-change pl  
 Hope Mill Supply Co., 63 Washington  
 Parkinson Edward Mfg. Co., 84 Sprague  
 Power & Grant, 235 Charles  
 Providence Mill Supply Co., 68 W Ex-change  
 Rhode Island Supply & Engineering Co., 156 W Exchange  
 Spencer Wilton H., 11 Exchange pl  
 Standard Mill Supply Co., 39 Exchange pl  
 Talcott W. O., 91 Sabin  
 Taylor Chas. F., 57 Weybosset  
 U. S. Mill Supply Co., 334 S Water  
 Wilkinson E. De F. Co., 48 Ex-change pl  
**WOONSOCKET**—Darling C. H.  
 Farnum J. B. Co.  
 Getchell Seth S. & Son  
 Woonsocket Machine & Press Co.  
 Woonsocket Supply Co.

### SOUTH CAROLINA.

**ANDERSON**—Sullivan Hardware Co.  
**BEAUFORT**—Christensen N. & Sons  
**CHARLESTON**—Bailey-Lebby Co.  
 Bird W. M. & Co.  
 Cameron & Barkley Co.  
 Franke C. D. & Co.  
 Valk & Murdoch Co.  
**COLUMBIA**—Columbia Supply Co.  
 Gibbes Machinery Co.  
 Lorick & Lowrance  
 Southern States Supply Co.  
**GEORGETOWN**—Kaminski Hardware Co.  
**GREENVILLE**—American Machine & Mfg. Co.  
 Carolina Supply Co.  
 Poe Hardware & Supply Co.  
**HARTSVILLE**—Hartsville Supply Co.  
**SPARTANBURG**—Ezell Wall Hardware Co.  
 Montgomery & Crawford  
**SUMTER**—Sumter Railway & Mill Supply Co.  
**WOODRUFF**—Westmoreland W. B. Co.

### SOUTH DAKOTA.

**RAPID CITY**—Duhamel Co.  
 Sweeney Tom Hardware Co.  
**SIOUX FALLS**—Larson Hardware Co.  
 Plumbing Supply Co.

### TENNESSEE.

**BRISTOL**—Mitchell-Powers Hdw. Co. (Also Mine)  
**CHATTANOOGA**—Chattanooga Saw Works  
 James Supply Co.  
 Magill Hardware Co.  
 Mills & Lupton  
 Rogers-Bailey Hardware Co.  
 Wheland Co.  
**CLARKSVILLE**—Elder-Conroy Hdw. Co.  
**CLEVELAND**—Cleveland Machinery & Supply Co.  
**COVINGTON**—Walker M. A. & Co.  
**JACKSON**—Gooch-Edenton Hardware Co.  
 Southern Engine & Boiler Works  
**JELLICO**—McComb Supply Co. (Also Mine)  
**JOHNSON CITY**—Summers-Parrott Hdw. Co.  
**KNOXVILLE**—Crane Co.  
 House-Hasson Hardware Co. (Also Mine)  
 Luttrell S. B. & Co.  
 McClung C. M. & Co.  
 Savage W. J. Co. (Also Mine)  
 Tennessee Mill & Mine Supply Co.  
**MEMPHIS**—Atkins E. C. & Co.  
 Ellis Wm. C. & Sons Iron Works  
 Nelson N. O. Co.  
 Pidgeon-Thomas Iron Co. (Railroads, etc)  
 \*Reed & Duecker  
 Riechman-Crosby Co.  
 Stratton-Warren Hdw Co. (Also Railroad)  
 Towner & Co.  
**NASHVILLE**—Bouchard John & Sons Co.  
 Case W. A. & Son Mfg. Co.  
 Dale John P. Machinery Co.  
 Gray & Dudley Hdw. Co.  
 Keith, Simmons & Co.  
 Nashville Machine Co.  
 Southern Mill Supply Co. (Also Mine)  
 Stewart & Bruckner Co.



## TEXAS.

AUSTIN—Gossard A. R.  
 BEAUMONT—Norvell-Wilder Hardware Co.  
 Wilson E. L. Hdwe. Co.  
 BRENHAM—Roff & Miller  
 DALLAS—Briggs-Weaver Machinery Co.  
 Texas Machinery & Supply Co.  
 Wolfe B. F. & Co.  
 DENISON—Hall-Leeper Hardware Co.  
 EL PASO—El Paso Foundry & Machine Co. (Also Mine)  
 Krakauer Zork & Moye's Successors (Also Mine)  
 Mine & Smelter Supply Co.  
 Momsen-Dunnegan-Ryan Co.  
 FORT WORTH—Axtell Co.  
 Southern Trading Co.  
 Texas Mfg. Co.  
 GALVESTON—Blum Hardware Co.  
 Shean Paul Co.  
 HOUSTON—Ahrens & Ott Mfg. Co.  
 Barden Electric & Machinery Co.  
 Bering-Cortes Hardware Co.  
 Girtan-Bowman Supply Co.  
 Heitmann F. W. Co.  
 Peden Iron & Steel Co.  
 Russ J. B.  
 Smith Howard & Co.  
 Texas Machinery & Supply Co.  
 JEFFERSON—Meyer Eugene  
 Torrains Mfg. Co. (Also Mine)  
 LUFKIN—Lufkin Foundry & Machine Co.  
 ORANGE—Sabine Supply Co.  
 PALESTINE—Dilley George E. & Son  
 PARIS—Bettes H. S. Hardware Co.  
 SAN ANTONIO—Alamo Iron Works  
 San Antonio Foundry Co.  
 San Antonio Machine & Supply Co.  
 SHERMAN—Hardwick-Etter Co.  
 Roberts, Sanford & Taylor Co.  
 TYLER—Connally Walter & Co.  
 WACO—June D. Machinery Co.  
 McLendon Hardware Co.  
 Waco Machinery & Supply Co.

## UTAH.

OGDEN—Lowe Geo. A. Co. (Also Mine)  
 SALT LAKE CITY—Crane Co. (of Chicago), Est. 1855  
 Galigher Machinery Co.  
 Richmond F. C. Machinery Co.  
 Salt Lake Hdwe. Co. (Also Mine)

## VERMONT.

BARRE—Phelps N. D. Co.  
 Reynolds & Son  
 Smith, Whitcomb & Cook Co.  
 BELLOWS FALLS—Vermont Farm Machine Co.  
 BURLINGTON—Manson Hdw. Co.  
 Strong Hdwe. Co.  
 MONTPELIER—Deming Hdwe. Co.  
 RUTLAND—Lincoln Iron Works  
 ST. JOHNSBURY—Hooker O. V. & Son  
 SPRINGFIELD—Parks & Woolson Mach. Co.

## VIRGINIA.

LAWRENCEVILLE—Sledge & Barkley Co.  
 LYNCHBURG—Ainslie-Martin Co.  
 Barker-Jennings Hdw. Co.  
 NORFOLK—Cory Herbert H.  
 Empire Machinery & Sup. Corp., 36 Coml pl  
 Porter & Moore Co.  
 Southern Supply Co. (Railroad & Steamboat)  
 Taylor-Parker Co. (Railroad & Steamboat)  
 Tidewater Supply Co.  
 Walke Henry Co. (Railroad, Mill & Steamboat)  
 Westbrook Jno. D., Inc.  
 Whaley W. M. & Co. (Also Steamboat)  
 White E. V. & Co.  
 PETERSBURG—Appomatox Iron Works & Supply Co.  
 Leonard Chas. Hardware Co.  
 Stockell Myers Hardware Co.  
 Stratton Bragg Co.  
 PULASKI—Price Hardware Co. (Also Mine)  
 Pulaski Hardware Co.  
 RICHMOND—Frischkorn Hunter B. (Railroad & Mine), 801 E Cary  
 Lindsay Jno. L., 1321 E Main  
 McGraw Jas., 1442 E Main

Southern Railway Supply Co. (Railroad), 1323 E Main  
 Virginia Machinery & Well Co., 1319 E Main  
 ROANOKE—Nelson Hardware Co. (Also Mine)  
 Roanoke Hardware Co. (Also Mine)  
 SALEM—Salem Foundry & Machine Works  
 SUFFOLK—Folk E. L. Co.

## WASHINGTON.

ABERDEEN—Grays Harbor Hardware Co.  
 Isaacson L. G. Co.  
 BELLINGHAM—Morse Hardware Co.  
 CENTRALIA—Gillam H. C.  
 EVERETT—Agnew Hdw. Co.  
 Lloyd Co., The  
 Pacific Hardware Co. (Also Mine)  
 Sumner Iron Works  
 SEATTLE—Adair Geo. B. & Son Co., 514 1st av S  
 Atkins E. C. & Co., 510 1st av S  
 Bowles Co., 107 Jackson  
 Broderick & Bascom Loggers Supply Co., 623 Western av  
 Curtiss Wm. M. Co., 5016 20th, N W  
 Hallidie Machinery Co., 411 Occidental av  
 Hambach & Co., 1st av S. & King  
 Meese & Gottfried Co., 558 1st av S  
 Mill & Mine Supply Co.  
 Moore Chas. C. & Co., Mutual Life bldg  
 Puget Sound Machinery Depot, 318 1st av S  
 Schwabacher Hardware Co. (Also Mine)  
 Seattle Hardware Co., 501 1st av S  
 Seattle Machine Works  
 Simonds Mfg. Co., 402 Occidental av  
 Star Machinery Co., 1731 1st av S  
 Union Machinery & Supply Co., 528 1st av S  
 United Supply Co.  
 Washington Saw Co., 2724 6th S  
 Western Hdw. & Metal Co., 1201 av S  
 SPOKANE—Arnold-Evans Co.  
 Barnard Mfg. Co.  
 Holley-Mason Hardware Co.  
 Jensen-King-Byrd Co.  
 McGowan Bros. Hardware Co.  
 Mitchell, Lewis & Staver Co.  
 Nott-Atwater Co.  
 Spokane Hardware Co.  
 TACOMA—Doud-MacFarlane Machinery Co.  
 Hunt & Mottett Co.  
 Walsh & Gardner Co.  
 Washington Machinery Depot

## WEST VIRGINIA.

BLUEFIELD—Bluefield Hdw. Co. (Also Mine)  
 Superior Supply Co. (Also Mine)  
 CHARLESTON—Burlew Hardware Co.  
 Capitol City Supply Co. (Also Mine)  
 Charleston Hdw. Co.  
 Gosorn Hardware Co.  
 Meyers Bros  
 South Side Fdry. & Machine Works (Also Mine)  
 CLARKSBURG—Hart Bros. Machine Co.  
 West Virginia Mine Supply Co.  
 Williams Hardware Co.  
 ELKINS—Baldwin Supply Co.  
 FAIRMONT—Jacobs-Hutchinson Hardware Co. (Principally Mining)  
 HUNTINGTON—Banks' Supply Co. (Also Mine)  
 Miller Supply Co. (Also Mine)  
 MORGANTOWN—Palmer-Marshall Supply Co. (Also Mine)  
 PARKERSBURG—Chancellor Hardware Co.  
 Parkersburg Machine Co.  
 WESTON—Danser Mfg. & Supply Co.  
 WHEELING—Berry Chas. H. Supply Co.  
 Ott-Heiskell Hardware Co.  
 Spears & Riddle Co.  
 Trimble & Lutz Supply Co. (Also Mine)

## WISCONSIN.

APPLETON—Schlafer Hardware Co.  
 Tesch William  
 ASHLAND—Bretting C. G. Mfg. Co.  
 EAU CLAIRE—Hobbs W. H. Supply Co.  
 FOND DU LAC—Dallman & Cooper Supply Co.

GREEN BAY—Fontaine B. Hardware Co.  
 Murphy Supply Co.  
 JANESVILLE—Ambrose F. O.  
 Bicknell Mfg. & Supply Co.  
 LA CROSSE—Kroner Fred Hardware Co.  
 La Crosse Plumbing Supply Co.  
 Roosevelt W. A. Co.  
 Tausche Vincent Hardware Co.  
 MADISON—Peper J. W.  
 MANITOWOC—Richards H. C.  
 MARINETTE—Westlund August  
 MILWAUKEE—American Machinery & Construction Co., 103 W Water  
 Badger-Packard Machy. Co., 133 W Water  
 Goodyear Rubber Co., 380 E Water  
 Gross Philip Hardware Co., 218 3rd  
 Hoffman B. Mfg. Co., 257 6th  
 Hoffman & Billings Mfg. Co., 100 2nd  
 Kramer W. J. Oil Co., 216 Reed  
 \*Milwaukee Leather Belting Co., 146 W Water  
 Pritzlaff John Hardware Co., 51 W Water  
 Rom Robt. Co., 1023 St. Paul av  
 Rundel-Spence Mfg. Co., 63 2nd  
 Trostel A. & Sons Co., 612 Commerce  
 Western Iron Stores Co., 145 W Water  
 Wisconsin Machinery & Mfg. Co., 51st & Burnham  
 NEENAH—Krueger Wm. Co.  
 Leavens Frank A. (Paper Mill)  
 OSHKOSH—Battis Bros.  
 Clough & Co.  
 Hay Hardware Co.  
 RACINE—Buffham W. S. & Sons  
 Greene F. J. Engineering Works  
 Hoernel Hardware Co.  
 Langlois Co.  
 RHINELANDER—Lewis Hardware Co.  
 Rhinelander Iron Co.  
 Wood T. C. Hardware Co.  
 SHEBOYGAN—Geele F. Hardware Co.  
 Koepsell J. J. Co.  
 STEVENS POINT—Cook R. A.  
 WAUSAU—Murray D. J. Mfg. Co.

## 9756—Millers (Oil Grooving)

Fischer Machine Co., 310 N 11th, Phila., Pa.

## 9757—Mills (Adjustable, Hollow)

See also Mills, Hollow

Cleveland Twist Drill Co., 1 E 49th av N E, Cleveland, O.  
 Geometric Tool Co. ("Geometric"), New Haven, Conn.  
 Modern Tool Co. (Hollow Milling Tools), 500 State, Erie, Pa.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 Rogers John M. Works, Gloucester City, N. J.  
 Standard Tool Co., 6900 Central av, Cleveland, O.

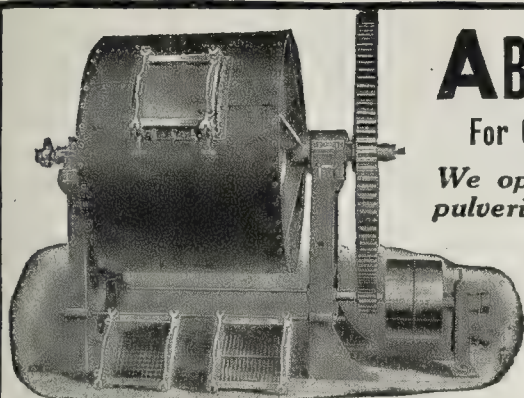
## 9758—Mills (Alfalfa)

Abbe Engineering Co., 220 B'way, New York See adv index at end of book  
 Abbe Paul O., 30 Broad, New York  
 Bauer Bros. Co., Bauer bldg, Springfield, O.  
 Superior Mfg. & Mill Co., Springfield, O.  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.  
 Willson Bros., Easton, Pa.  
 See adv index at end of book  
 Wolf Co. ("Wolf"), Chambersburg, Pa.

## 9759—Mills (Attrition)

Abbe Engineering Co., 220 B'way, New York See adv index at end of book  
 Abbe Paul O., 30 Broad, New York  
 Barnard & Leas Mfg. Co. ("Hercules," "Sovereign"), Moline, Ill.  
 Bauer Bros. Co., Bauer bldg, Springfield, O.  
 Blymer Iron Works Co., Cincinnati, O.  
 Brown A. & F. Co., 79 Barclay, New York.  
 Works: Elizabethport, N. J.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Engelburg Huller Co. ("Halstead"), Syracuse, N. Y.  
 Excel Mfg. Co., Pottersville, N. J.  
 Holmes & Blanchard Co., 31 State, Boston, Mass.  
 Munson Mill Machinery Co., Utica, N. Y.  
 Robinson Mfg. Co. ("Unique"), Muncy, Pa.  
 Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.





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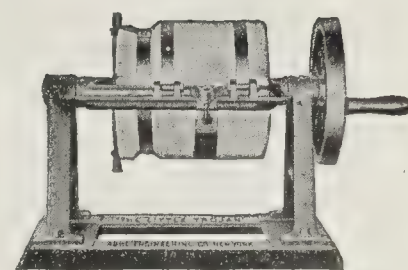
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PRESSURE BLOWERS

### 9760— Mills (Ball Porcelain)

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
Abbe Paul O., 30 Broad, New York  
Jeffery-Dewitt Co., Butler av & Grand Trunk Ry, Detroit, Mich.

### 9761—Mills (Ball & Pebble)

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
Abbe Paul O., 30 Broad, New York  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
Alsing J. R. Co. (Tube), 75 Guernsey, Bklyn, N. Y.

**BEACH-RUSS CO.**, 220 B'way, New York *See adv index at end of book*  
Bonnot Co., Canton, O.  
Chalmers-Williams Mfg. Co. (Or Tube Patent Adjustable Quick Discharge for Wet Mills), 1461 Arnold, Chicago Heights, Ill.  
Colorado Iron Works Co., 33d & Wynkoop, Denver, Colo.

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J. *See adv index at end of book*  
Davis F. M. Iron Works Co. ("Ferraris" Ball Mill), Denver, Colo.  
Day J. H. & Co., Cincinnati, O.  
Denver Engineering Works Co. (Tube Mills), Denver, Colo.

Dillon-Box Iron Works Co., Denver, Colo.  
Eccleston Machinery Co. (Periphery Discharge Wet or Dry Grinding), Los Angeles, Cal.

Hallidie Co. (Tube Mills for Wet or Dry Grinding), Spokane, Wash.

Hardinge Conical Mill Co., 120 Broadway, New York

Hassell Iron Works Co., Colorado Springs, Colo.

**KENNEDY VAN SAUN MFG. & ENG. CORP.** (Wet Grinding Tube, etc.), 120 Broadway, New York *See adv index at end of book*

Lehigh Car Wheel & Axle Works ("Fuller-Lehigh"), Catasauqua, Pa.

Manitowoc Engineering Works, Manitowoc, Wis.

Patterson Foundry & Machine Co. (Flint, Flour-spar, Quartz, Silica, etc), East Liverpool, O.

Prosser T. & Son ("The Krupp" Imp.), 15 Gold, New York

Rock Products Equipment Corp., 42 Church, New York

*See adv index at end of book*  
Smidth F. L. & Co., 50 Church, New York

Stearns-Roger Mfg. Co., Denver, Colo.

**THORPP'S JOHN E. SONS CO.** (Pebble & Tube Only), ft of Lewis, Trenton, N. J. *See adv index at end of book*

Townsend Foundry & Machine Shop Co. (Ball), Broadway & Rensselaer, Albany, N. Y. *See adv index at end of book*

Traylor Engineering & Mfg. Co., Allentown, Pa.

Walker Mfg. Co., Denver, Colo.

Worthington Pump & Machy Corp., 115 B'way, New York

### 9762— \*Mills (Bar)

Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

### 9763— Mills (Bark)

*See also Grinders, Edging*  
Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
Abbe Paul O., 30 E.oad, New York  
Barry & Zecher Co. ("Eureka"), Lancaster, Pa.  
Bartley Wm. & Sons ("Shultis" Sectional), Bartley, N. J.  
Bauer Bros. Co., Bauer bldg, Springfield, O.  
Fyster, Weiser & Co. (Ltd.), York, Pa.  
Horn Wm. H. & Bro., 451 N 3d, Phila., Pa.  
Ott Benj. & Sons Co. ("Ott's" Bark Shaving), La Crosse, Wis.  
Raymond Bros. Impact Pulverizer Co. (For Peruvian Bark, etc.), 1319 N Branch, Chicago, Ill.  
Shapley & Wells, Binghamton, N. Y.  
Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.  
Stokes F. J. Machine Co., 17th & Camden, Phila., Pa.  
Turner Tanning Mach'y Co. (Disc Type), Peabody, Mass.  
Waterville Foundry & Mfg. Co., Waterville, N. Y.  
Williams Patent Crusher & Pulverizer Co., 813 Montg, St. Louis, Mo.

### 9764— Mills (Barley)

Abbe Paul O., 30 Broad, New York  
Barnard & Leas Mfg. Co., Moline, Ill.  
Wilson Bros., Easton, Pa. *See adv index at end of book*  
Wolf Co., Chambersburg, Pa.

### 9765— Mills (Billet)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Mackintosh-Hemphill & Co. (Reversing, Blooming or Roughing), Pittsburgh, Pa.  
Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*  
**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
National Roll & Foundry Co., Avonmore, Pa.  
Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

### 9766— Mills (Blooming)

Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*  
**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
Neumeyer & Dimond ("Demag" Imp.) 82 Beaver, New York  
Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.

### 9767— Mills (Bone & Shell)

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
Abbe Paul O., 30 Broad, New York

### BARTLETT C. O. & SNOW CO., French st., Cleveland, Ohio

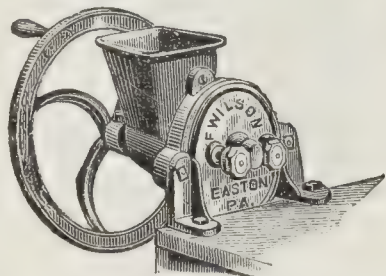
*See adv index at end of book*  
Bauer Bros. Co., Bauer bldg, Springfield, O.  
Bayley Wm. Co. ("Bayley" Hand Bone), Springfield, Ohio  
Bell C. S. Co. ("Don" Hand Bone), Hillsboro, Ohio  
Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works, Elizabethport, N. J.  
Campbell P. F., 51 Laurel, Phila., Pa.  
Dempwolf C. H. & Co., York, Pa.  
Ertel Geo. Co., Quincy, Ill.  
Excel Mfg. Co., Pottersville, N. J.  
Flynn & Emrich Co., 305 N Holliday, Baltimore, Md.  
Freeman Mfg. Co. ("Freeman" Hand Bone), Racine, Wis.  
Gray Iron Casting Co. (Dry Bone Grinders), Springfield, Ohio  
Hobart Mfg. Co. ("Hobart" Electric & Gasoline), Troy, Ohio  
Holmes & Blanchard Co., 31 State, Boston, Mass.  
Humphrey & Sons, Joliet, Ill.  
Mann F. W. Co. ("Mann's"), Milford, Mass.  
Messinger Mfg. Co. (Hand Bone), Tatamy, Pa.  
Miller L. J. ("Nonpareil" Bone), Cincinnati, Ohio  
Mountville Mfg. Co. ("Reliable" Hand Bone), Mountville, Pa.  
Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.  
Pratt Wm. E. Mfg. Co. ("Adams"), 35 N Lake, Chicago, Ill.  
Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
Sackett A. J. cor 4th av & 1st, Baltimore, Md.  
Standard Bone Cutter Co., Milford, Mass.  
Stearns E. C. & Co. ("Mann's Improved") ("Stearns"), 450 Oneida, Syracuse, N. Y.  
Stover Mfg. Co. ("Stover"), Freeport, Ill.

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in this book please  
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# HENDRICKS' COMMERCIAL REGISTER.



# THE FAMOUS WILSON MILLS



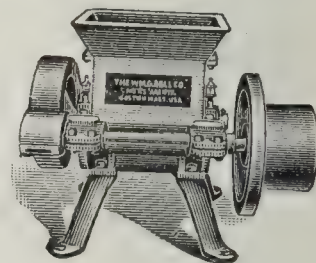
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Williams Patent Crusher & Pulverizer Co.,  
813 Montg. St. Louis, Mo.

**WILSON BROS.** (Hand & Power Bone),  
Easton, Pa. See adv index at end of book

**Mills (Boring & Turning, Vertical)**  
See Boring & Turning Machines, Vertical

**9768— Mills (Brass Cinder)**

Sly W. W. Mfg. Co., Cleveland, Ohio  
Standard Equipment Co., New Haven,  
Conn.

**9769— Mills (Buhr Stone)**

Barnard & Leas Mfg. Co. (French Buhr),  
Moline, Ill.

**BARTLETT C. O. & SNOW CO.** (Vertical  
French Buhr), French st., Cleveland,  
Ohio See adv index at end of book

Blymyer Iron Works Co., Cincinnati, Ohio  
Campbell P. F., 51 Laurel, Phila., Pa.

**CROSSLEY MACHINE CO.**, State & Chest-  
nut av, Trenton, N. J.  
See adv index at end of book

Ehram J. B. & Sons Mfg. Co. (Vertical),  
Enterprise, Kans.

Holmes & Blanchard Co., 31 State, Boston,  
Mass.

Kent Machine Works, 37 Gold, Brooklyn,  
N. Y.

New Winona Mfg. Co. ("Diamond"  
French), Winona, Minn.

Nordyke & Marmon Co. (All Kinds), 1290  
Kentucky av, Indianapolis, Ind.

Patterson Foundry & Machine Co., East  
Liverpool, O.

Ross Chas. & Son Co., 148 Classon av,  
Brooklyn, N. Y.

Simpson-Orville Co., Cincinnati, Ohio

Sprout Waldron & Co. ("Monarch," All  
Kinds), Muncy, Pa.

Starr B. F. Co. (For Flour & Corn Mills),  
Guilford av & Center, Baltimore, Md.

Walker & Elliott, 2d & Lombard, Wil-  
mington, Del.

**Mills (Car Wheel Boring)**

See Boring Machines, Car Wheel

**9770—Mills (Charcoal Grinding)**

Abbe Engineering Co., 220 B'way, New  
York See adv index at end of book

Abbe Paul O., 30 Broad, New York

Brown A. & F. Co. ("Cogswell"), 79 Bar-  
clay, New York. Works, Elizabeth-  
port, N. J.

Pennsylvania Crusher Co., Stephen Girard  
bldg, Phila., Pa.

Stroud E. H. & Co., 928-934 Fullerton  
av, Chicago, Ill.

Wilson Bros., Easton, Pa.  
See adv index at end of book

**9771— Mills (Chaser)**

American Clay Machinery Co., S Walnut,  
Bucyrus, Ohio

Ross Chas. & Son Co., 148 Classon av,  
Brooklyn, N. Y.

**THROPP'S JNO. E. SONS CO.**, ft of Lewis,  
Trenton, N. J.  
See adv index at end of book

**9772— Mills (Chilian)**

**ALLIS-CHALMERS MFG. CO.** (Pulveriz-  
ing), Milwaukee, Wis.  
See adv index at end of book

Currier Cyrus & Sons, 365 Market, Newark,  
N. J.

Davis F. M. Iron Works Co., Denver, Col.

Dillon-Box Iron Works Co., Denver, Col.

Hallidie Co. (Slow Speed), Spokane, Wash.

Lane Mill & Machinery Co., Los Angeles,  
Cal.

Traylor Engineering & Mfg. Co., Allen-  
town, Pa.

Wellman-Seaver-Morgan Co. ("Akron"),  
Cleveland, Ohio

Worthington Pump & Machy. Corp.  
("Evans-Waddell"), 115 B'way, New  
York

**9773— Mills (Chlorination)**

**ALLIS-CHALMERS MFG. CO.** (Gold &  
Silver Mining), Milwaukee, Wis.  
See adv index at end of book

Worthington Pump & Machy Corp., 115  
B'way, New York

**9774—Mills (Cider & Cider Presses)**

Ames Plow Co., Quincy Hall, Boston,  
Mass.

American Seeding Machine Co. ("Buck-  
eye" Mills), Springfield, Ohio

**BOOMER & BOSCHERT PRESS CO.**,  
379 W Water, Syracuse, N. Y.  
See adv index at end of book

Bushnell G. H. Press Co. (Presses),  
Thompsonville, Conn.

Cutaway Harrow Co., Higganum, Conn.

Eagle Machine Co. (Presses), Lancaster, O.

Emery G. J. Co. (Presses), Fulton, N. Y.

Enterprise Mfg. Co. of Pa. (Fruit, Wine &  
Jelly Presses "Enterprise"), 3d &  
Dauphin, Phila., Pa.

Farquhar A. B. Co. (Ltd.), (Mills &  
Hydraulic Presses), York, Pa.

Freeman Mfg. Co., Racine, Wis.

Greenville Implement Co., Greenville, Mich.

Haish Jacob Co. (Presses), DeKalb, Ill.

Hench & Drongold Co., York, Pa.

Hydraulic Press Mfg. Co. (Hydraulic Pres-  
ses), Mount Gilead, O.

Kelso & Co. (Presses), 559 W Quincy, Chi-  
cago, Ill.

Keystone Farm Machine Co., York, Pa.

Klotz Machine Co. ("Hero" Geared, Hand  
& Power Presses), Sandusky, O.

Lansing Co. (& Lard), Lansing, Mich.

Thomas Albright Co. (Hydraulic Presses),  
Goshen, Ind.

Whitehurst R. W. Mfg. Corp., Norfolk, Va.

White's S. R. Sons ("Valley Chief", "Ex-  
celsior"), Norfolk, Va.

Whitman Agricultural Co. ("Monarch,"  
"Americus," "Monitor," "Young Ameri-  
ca" Presses), 7000 S B'way, St. Louis,  
Mo.

**Mills (Cinder)**

See Mills, Water Cinder

**9775— Mills (Cocoa)**

Abbe Engineering Co., 220 B'way, New  
York See adv index at end of book

Abbe Paul O., 30 Broad, New York

Bauer Bros. Co., Bauer bldg, Springfield, O.

Nordyke & Marmon Co., 1290 Kentucky av,  
Indianapolis, Ind.

**9776—Mills (Coffee or Spice)**

**ABBE ENGINEERING CO.**, 220 B'way,  
New York See adv index at end of book

Abbe Paul O., 30 Broad, New York

Arcade Mfg. Co. ("Crystal" & 70 Other  
Varieties of Family Coffee Mills), Free-  
port, Ill.

Bauer Bros. Co., Bauer bldg, Springfield, O.

Bay Gottfried, 537 W 50th, New York

Brecht Co. ("Brecht" Spice), 1201 Cass  
av, St. Louis, Mo.

Brown A. & F. Co. ("Cogswell," for Spices  
Only), 79 Barclay, New York. Works:  
Elizabethport, N. J.

Campbell P. F. (Grocers' & Horse Power),  
51 Laurel, Phila., Pa.

Clawson Mach. Co., Flagtown, N. J.

Coles Mfg. Co. (Hand & Electric), 1625 N  
23d, Phila., Pa.

Crescent Mfg. Co. ("Crescent" Box &  
Wall), Louisville, Ky.

Deer A. J. Co. (Electric), Hornell, N. Y.

Enterprise Mfg. Co. (of Pa.), ("Enter-  
prise" Hand & Electric Power), 3d &  
Dauphin, Phila., Pa.

Geddes James & Co. (Electric Coffee),  
353 Market, San Francisco, Cal.

Hamilton-Beach Mfg. Co. ("Steel-Kut"  
Coffee), Racine, Wis.

Hobart Mfg. Co. ("Hobart" Electric &  
Gasoline Coffee Mills), Troy, O.

Howe Scale Co. (Electric), Rutland, Vt.

Landers, Frary & Clark ("Crown," "Uni-  
versal" & "Regal" Coffee Mills), New  
Britain, Conn.

Lane Bros. Co. ("Swift" Electric), Pough-  
keepsie, N. Y.

Mirrorscope Co. ("Monitor," "None Such"),  
Cleveland, O.

National Specialty Mfg. Co., Lehigh av &  
3d, Phila., Pa.

Nordyke & Marmon Co., 1290 Kentucky  
av, Indianapolis, Ind.

Parker Chas. Co. (Store & Household use),  
Meriden, Conn.

Peck, Stow & Wilcox Co., Southington,  
Conn.

Ross Chas. & Son Co. (Spice), 148 Classon  
av, Brooklyn, N. Y.

Silver & Co. ("Silver"), 304 Hewes, Brook-  
lyn, N. Y.

Smith's Jno. E. Sons Co. (Spice Mills),  
Buffalo, N. Y.

Steiner Mfg. Co. ("Steiner" Electric), 4100  
N 21st, St. Louis, Mo.

Steinfeld Bros. ("Steinfeld," "Eclipse"  
Glass Canister), 116 W 32d, New York

Stimpson Scale & Electric Co. (Grocers'  
Hand & Electric Power), Northville,  
Mich.

Sun Mfg. Co. ("Sun" Family Coffee Mills),  
Columbus, O.

Waddell Co., Greenfield, O.

Whitehurst R. W. Mfg. Corp., Norfolk, Va.

Williams Patent Crusher & Pulverizer Co.,  
813 Montgomery, St. Louis, Mo.

Wilson Bros., Easton, Pa.  
See adv index at end of book



Woodruff & Edwards Co. ("Elgin National"), Elgin, Ill.  
 Wrightville Hardware Co. ("Premier," "Peerless," "Perfect," "Queen," "Diamond," "Acme," "American Beauty" & "Brighton Star," all one pound Wall Mills; also "Colonial," "Brighton," "Sterling," "Excelsior," "Century," "L & S," "Side Mills," "Brighton," "Domestic" & "Monarch" Hand or Power Spice & Corn Mills), Wrightsville, Pa.

### 9777— Mills (Cold Rolling)

Blake & Johnson Co. (For Flattening Wire), 1500 Thomaston av, Waterbury, Conn.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
 National Roll & Foundry Co., Avonmore, Pa.  
 Standard Machinery Co., Providence, R. I.  
 Wiener Machinery Co., 56 Church, New York

### Mills (Concentrating)

See Mills, Stamp

### Mills (Conical)

See Mills, Grinding & Crushing

### 9778— Mills (Continuous)

See also Rolling Mills, Continuous  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*

### 9779— Mills (Corn Oil)

**ELMES CHAS. F. ENGINEERING WKS.,** (Inc.), c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

### 9780— Mills (Corn & Cob)

Abbe Paul O., 30 Broad, New York  
**ALLIS-CHALMERS MFG. CO.** (Corn Mills), Milwaukee, Wis.  
*See adv index at end of book*  
 American Corn Mill Co., Winston-Salem, N. C.  
 Appleton Mfg. Co. ("American," "Tornado," "Cyclone"), Batavia, Ill.  
 Associated Mfrs. Co. ("Amanco"), Waterloo, Ia.  
 Baker Mfg. Co. ("Monitor"), Evansville, Wis.  
 Barnard & Leas Mfg. Co., Moline, Ill.  
 Barry & Zecher Co. ("B. & Z." "Eureka"), Lancaster, Pa.  
**BARTLETT C. O. & SNOW CO.,** French St., Cleveland, O.  
*See adv index at end of book*  
 Bauer Bros. Co. ("Scientific" Belt & Sweep Power), Bauer bldg, Springfield, O.  
 Bell C. S. Co. ("Acme," "Monitor," "Dandy," "Omego" Power), Hillsboro, O.  
 Blymyer Iron Works Co., Cincinnati, O.  
 Bovee Furnace Works ("Four Burr"), Waterloo, Ia.  
 Bowsher N. P. Co. (Combination), South Bend, Ind.  
 Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works: Elizabeth, N. J.  
 Burgess & Norton Mfg. Co. ("Kenyon" Corn Crushers), Geneva, Ill.  
 Case Crane Co. (Corn), Columbus, O.  
 Challenge Co., Batavia, Ill.  
 Chapman H. L. Marcellus, Mich.  
 Children's E. Sons Mfg. Co. ("Hawkeye"), Council Bluffs, Ia.  
 Cole R. D. Mfg. Co., Newman, Ga.  
 Dain Mfg. Co., Ottumwa, Ia.  
 De Loach Mill Mfg. Co., Bridgeport, Ala.  
 Duplex Mfg. Co. ("Jewell," "Superior"), Superior, Wis.  
 Duplex Mill & Mfg. Co. ("Kelly," "Duplex," 2 to 20 H. P.), Springfield, O.  
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
 Engleburg Huller Co., Syracuse, N. Y.  
 Excel Mfg. Co., Pottersville, N. J.  
 Excelsior Foundry Co., Belleville, Ill.  
 Freeman Mfg. Co., Racine, Wis.  
 Gade Bros. Mfg. Co. ("Rankin"), Iowa Falls, Ia.  
 Gray Iron Casting Co. ("Bayley"), Springfield, O.  
 Great Western Mfg. Co. (Corn Only), Leavenworth, Kans.  
 Gruendler Patent Crusher & Pulverizer Co. (Ear Corn), 928 Main, St. Louis, Mo.

Harriman Mfg. Co., Harriman, Tenn.  
 Ideal Gas Engine Co. ("Ideal"), Independence, Ia.

### INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.), 702

Harvester Building, Chicago  
*See adv index at end of book*  
 Keystone Farm Machine Co., York, Pa.  
 Lassiter C. J., Raleigh, N. C.  
 Lennox Machine Co. ("Lennox"), 2558 W 16th, Chicago, Ill.  
 Letz Mfg. Co. ("Bull Dog" Combine), Crown Point, Ind.  
 Litchfield Mfg. Co., Waterloo, Ia.  
 Marseilles Co. ("Advance," "Marseilles," "Workwell"), East Moline, Ill.  
 Miller L. J. ("Nonpareil"), Cincinnati, O.  
 Munson Mill Machinery Co. (Corn), Utica, N. Y.  
 New Holland Machine Co. ("New Holland"), New Holland, Pa.  
 New Winona Mfg. Co. ("Diamond," "Big Iowa"), Winona, Minn.  
 Nordyke & Marmon Co. ("Harrison"), 1290 Kentucky av, Indianapolis, Ind.  
 Perkins Wind Mill Co., Mishawaka, Ind.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Robinson Mfg. Co. ("Iron Clad" Corn Ear Crusher), Muncy, Pa.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Rumely M. Co. ("Rainbow"), La Porte, Ind.  
 Sandwich Mfg. Co. ("Reliance"), Sandwich, Ill.  
 Savage W. J. Co. (Corn), Knoxville, Tenn.  
 Smalley Mfg. Co., Manitowoc, Wis.  
 Spartan Mfg. Co. ("Corn Belt"), Pontiac, Ill.  
 Sprout, Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.  
 Sterling Mfg. Co. ("Sterling"), Sterling, Ill.  
 Stover Mfg. Co. ("Ideal," Power Mills), Freeport, Ill.  
 Straub A. W. Co. (Quaker City), Phila., Pa.  
 Strong-Scott Mfg. Co. ("Northway" Power), 413 S 3rd, Minneapolis, Minn.  
 Superior Mfg. & Mill Co., Springfield, O.  
 Turner Mfg. Co. ("Simplicity"), Port Washington, Wis.  
 Union Fdry. & Machine Co. ("Union Giant"), Ottawa, Kans.  
 U. S. Wind Engine & Pump Co. (Ultimatum), Batavia, Ill.  
 Whitehurst R. W. Mfg. Corp. (Corn), Norfolk, Va.  
 Whitman Agricultural Co. (Horse & Power), 7000 S B'way, St. Louis, Mo.  
 Williams Patent Crusher & Pulverizer Co., 813 Montg., St. Louis, Mo.  
**WILSON BROS.,** Easton, Pa.  
*See adv index at end of book*  
 Wolf & Co. ("Hercules," "Wolf," "Bison" & "Mammoth"), Chambersburg, Pa.

### 9780a—\*Mills (Corn & Graham)

**WILSON BROS.** (Hand & Power), Easton, Pa. *See adv index at end of book*

### 9781— Mills (Cyanide)

**ABBE ENGINEERING CO.,** 220 Broadway, New York  
*See adv index at end of book*  
**ALLIS-CHALMERS MFG. CO.,** (Gold & Silver Mining), Milwaukee, Wis.  
*See adv index at end of book*  
 Arizona & Sonora Mfg. Co., Nogales, Ariz.  
 Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.  
 Denver Engineering Works Co., Denver, Colo.  
**KENNEDY VAN SAUN MFG. & ENG. CORP.,** 120 Broadway, New York  
*See adv index at end of book*  
 Traylor Engng. & Mfg. Co., Allentown, Pa.  
 Worthington Pump & Machy Corp., 115 B'way, New York

### Mills (Disintegrating)

See Disintegrators

### 9782-3— Mills (Drug)

**ABBE ENGINEERING CO.,** 220 Broadway, New York  
*See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Aising J. R. Co., 75 Guernsey, B'klyn, N. Y.

Bauer Bros. Co., Bauer bldg, Springfield, O.  
 Bay Gottfried, 537 W 50th, New York  
 Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works: Elizabethport, N. J.  
 Campbell P. F., 51 Laurel, Phila., Pa.  
 Carey Samuel, 17 State, New York  
 Colton Arthur Co., Jefferson & Chene, Detroit, Mich.

### CROSSLEY MACHINE CO., State & Chestnut av, Trenton, N. J.

*See adv index at end of book*  
 Day J. H. & Co., Cincinnati, O.  
 Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.  
 Landers, Frary & Clark, New Britain, Conn.  
 Lane Bros. Co. ("Swift"), Poughkeepsie, N. Y.  
**MEAD & CO.,** 19th & M. C. R. R., Detroit, Mich.  
 National Specialty Mfg. Co., 3d & Lehigh av, Philadelphia, Pa.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Parker Chas. Co., Meriden, Conn.  
 Patterson Foundry & Machine Co., E Liverpool, O.  
 Prosser Thos. & Son ("Krupp" Imp) 15 Gold, New York  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.  
 Straub A. W. Co., 3737 Filbert, Phila., Pa.  
 Waterville Fdry. & Mfg. Co., Waterville, N. Y.  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.  
 Wilson Bros. ("Assayers"), Easton, Pa.  
*See adv index at end of book*

### 9784— Mills (Dye Stuff)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works: Elizabethport, N. J.  
 Excel Mfg. Co., Pottersville, N. J.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

### 9785— Mills (Emery Rock)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Sprout, Waldron & Co. ("Monarch"), Muncy, Pa.

### 9786— Mills (End)

See also Cutters, Milling

Barber-Colman Co., Loomis st, Rockford, Ill.  
**BECKER MILLING MACHINE CO.** (Spiral Fluted, etc.), Hyde Park, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Buckeye Twist Drill Co., Alliance, O.  
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*  
 Lincoln Williams Twist Drill Co., Taunton, Mass.  
 Morse Twist Drill & Machine Co. (With Center Cut & With Spiral Flutes, etc.), New Bedford, Mass.  
 National Tool Co., Cleveland, O.  
 National Twist Drill & Tool Co. ("National," with Spiral Flutes, etc.), Detroit, Mich.  
 Porter-Cable Machine Co. (Straight Shank), Syracuse, N. Y.  
 Pratt & Whitney Co. (Center Cut, Shell & Taper Shank), Hartford, Conn.  
 Standard Tool Co. (Straight Fluted, Spiral & Center Cut), 6900 Central av, Cleveland, O.  
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.  
 Union Twist Drill Co., Athol, Mass.

### 9787—Mills (Exhaust Tumbling)

Central Foundry Supply Co., P. O. box 945, Columbus, O.

### 9788— Mills (Fanning)

American Grain Separator Co. ("X-L"), Erie & S E Essex, Minneapolis, Minn.



Ames Plow Co., Quincy Hall, Boston, Mass.  
 Avery Mfg. Co., Peoria, Ill.  
 Belcher & Taylor Agric. Tool Co. ("Johnson"), Chicopee Falls, Mass.  
 Brinly Hardy Co., Louisville, Ky.  
 Bristol & Gale Co. ("B & G"), 158 Carroll av, Chicago, Ill.  
 Buch's A. Sons Co. ("Pennsylvania"), Elizabethtown, Pa.  
 Campbell Manson Co. (Ltd.), Leavitt & Campbell, Detroit, Mich. Works: Kansas City, Mo.  
 Cleland Mfg. Co. ("Cleland Special," "Excerpt"), 2800 Washington av, N, Minneapolis, Minn.  
 Dickey A. P. Mfg. Co. ("Dickey," "Improved Excelsior," "Little Giant," "Young Giant"), Racine, Wis.  
 Ferrell A. T. & Co. ("Clipper"), Saginaw, Mich.  
 Fosston Mfg. Co. ("Fosston"), 473 Cleveland, St. Paul, Minn.  
 Foster & Williams Mfg. Co. ("Badger State"), Racine, Wis.  
 Freeman Mfg. Co. ("Centennial"), Dept. O., Racine, Wis.  
 Genesee Valley Mfg. Co., Mt. Morris, N. Y.  
 Griffith & Turner Co. ("Owens"), 215 N Paca, Baltimore, Md.  
 Harder Mfg. Co., Cobleskill, N. Y.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Hirsch Bros. ("Webber"), 267 Reed, Milwaukee, Wis.  
 Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co., Silver Creek, N. Y.  
 Johnson & Field Mfg. Co. ("Canton," "Clipper," "Eclipse," "Excelsior," "Farmers' Favorite," "Mt. Hood," "Peerless," "Perfection," "Racine"), Racine, Wis.  
 Kingman & Co., Peoria, Ill.  
 Linihan M. E., Kalamazoo, Mich.  
 Marseilles Co. ("Pease"), East Moline, Ill.  
 Messinger Mfg. Co., Tatamy, Pa.  
 Nagley Mfg. Co. ("Lyons"), Lyons, N. Y.  
 Owatonna Fanning Mill Co. ("Owatonna"), Owatonna, Minn.  
 Owens J. L. Co. ("Champion," "Dakota," "New Superior"), Fulton & S E Huron, Minneapolis, Minn.  
 Racine Implement Co. ("Belle City"), Racine, Wis.  
 Rumley M. Co. ("Rainbow"), La Porte, Ind.  
 Twin City Separator Co. ("Bonanza," "Hero," "Success"), 29th & Colfax av, S, Minneapolis, Minn.  
 Weber Mfg. Co., Rockton, Ill.

### 9789—\* Mills (Fanning-Sieves & Screens)

**ERDL PERFORATING CO.**, 181 York, Rochester, N. Y.  
*See adv index at end of book*

### 9790—Mills (Feed Grinding)

Abbe Engng. Co., 220 B'way, New York  
*See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Aermotor Co., 1146 Campbell, Chicago, Ill.

**ALLIS-CHALMERS MFG. CO.**, (Farm, Grist, Belt, Hand, Horse Powers, Sweep), Milwaukee, Wis.  
*See adv index at end of book*

Althouse-Wheeler Co., Waupum, Wis.  
 Appleton Mfg. Co. ("Appleton," "Hero," "American"), Batavia, Ill.

Associated Mfrs. Co., Waterloo, Ia.  
 Baker Mfg. Co., Evansville, Wis.  
 Barnard & Leas Mfg. Co. ("Barnard's" Ball Bearing, Belt Power, etc), Moline, Ill.

**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, Ohio  
*See adv index at end of book*

Bauer Bros. Co., Bauer bldg, Springfield, O.  
 Bayley Wm. Co., Springfield, Ohio

**BEACH-RUSS CO** ("Abbe"), 220 B'way, New York  
*See adv index at end of book*

Bell C. S. Co. ("Monitor," "Rapid," "Hercules" Ball Bearing), Hillsboro, Ohio

Blue Valley Mfg. Co., Manhattan, Kan.  
 Blymyer Iron Works Co., Cincinnati, Ohio

Bovee Furnace Works, Waterloo, Iowa  
 Bowsher N. P. Co. (Combination), South Bend, Ind.

Brinly Hardy Co., Louisville, Ky.  
 Bristol & Gale Co., 158 Carroll av, Chicago, Ill.

Brown A. & F. Co., 79 Barclay, New York.  
 Works: Elizabethtown, N. J.

Challenge Co. ("Challenge"), Batavia, Ill.  
 Chamberlain Machine Works, Waterloo, Ia.

Children's E. Sons Mfg. Co., Council Bluffs, Iowa

Cooper A. A. Wagon & Buggy Co., Dubuque, Iowa

Currie Wind Mill Co., Topeka, Kans.  
 Dain Mfg. Co., Ottumwa, Iowa

Decatur Foundry, Furnace & Machine Co., Decatur, Ind.

Dempster Mill Mfg. Co., Beatrice, Neb.  
 Duplex Mfg. Co., Station "B," Superior, Wis.

Duplex Mill & Mfg. Co. ("Kelly," "Duplex" 2 to 20 H. P.), Springfield, O.

Dutton E. Q. & Co., Cato, N. Y.

Eagle Machine Co., Lancaster, Ohio  
 Elgin Wind Power & Pump Co., Elgin, Ill.

Emerson-Brantingham Co. ("Geiser Peerless" Belt Power), Rockford, Ill.

Enterprise Co. (Steam & Horse Power), Columbiana, Ohio

Eureka Fence Mfg. Co., Richmond, Ind.  
 Excel Mfg. Co., Pottersville, N. J.

Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.

Farmers' Cement Tile Machine Co., St. Johns, Mich.

Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.

Globe Foundry & Machine Co., Sheboygan, Wis.

Great Western Mfg. Co., Leavenworth, Kans.

Gray Iron Casting Co., Springfield, Ohio  
 Hamachek Frank ("Giant"), Kewaunee, Wis.

Harriman Mfg. Co., Harriman, Tenn.  
 Heebner & Sons, Lansdale, Pa.

Hercules Mfg. Co., Centerville, Iowa  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, 702 Harvester bldg, Chicago  
*See adv index at end of book*

Jenkins Hay Rake & Stacker Co., Chilli-cothe, Mo.

Kaestner & Hecht Co. (Inc.), 500 Throop, Chicago, Ill.

Kansas City Hay Press Co., Kansas City, Mo.

Keystone Farm Machine Co., York, Pa.  
 Lansing Motor & Pump Co., Lansing, Mich.

Letz Mfg. Co., Crown Point, Ind.  
 Litchfield Mfg. Co., Waterloo, Iowa

Marseilles Co., East Moline, Ill.  
 Martin M. R., St. Louis Park, Minn.

Messinger Mfg. Co., Tatamy, Pa.  
 Miller L. J., Cincinnati, Ohio

Moore, Given Co. ("Moore"), Spring Valley, Ill.

Moore Plow & Implement Co., Greenville, Mich.

Munson Mill Machinery Co., Utica, N. Y.  
 New Winona Mfg. Co. ("Diamond"), Winona, Minn.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Noye Bros. Co., Buffalo, N. Y.  
 Patch A. H., Clarksville, Tenn.

Perkins Wind Mill Co., Mishawaka, Ind.  
 Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.

Quick & Thomas Co., Auburn, N. Y.  
 Red Chief Mfg. Co. ("Red Chief"), Louisville, Ky.

Ripley Mfg. & Steel Boat Co., Grafton, Ill.  
 Rorer's Thos., Springfield, O.

Rock Island Mfg. Co., Rock Island, Ill.  
 Romick Mill Furnishing Co., Niles, Ohio

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Sandwich Mfg. Co., Sandwich, Ill.  
 Silver Mfg. Co. (Sweet, Power), Salem, O.

Simpson-Orville Co., Cincinnati, O.  
 Smalley Mfg. Co., Manitowoc, Wis.

Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.

Spartan Mfg. Co. ("Corn-Belt"), Pontiac, Ill.  
 Sprout, Waldron & Co. ("Monarch," All Kinds), Muncy, Pa.

Star Mfg. Co. (Sweep & Belt Power), New Lexington, Ohio

Starr B. F. Co., Guilford av & Center, Baltimore, Md.

Sterling Mfg. Co., Sterling, Ill.  
 Stover Mfg. Co. ("The Ideal," also with Horse Power Combined), Freeport, Ill.

Straub A. W. Co., Phila., Pa.  
 Superior Mfg. & Mill Co., Springfield, Ohio

Swift Mfg. Co. ("Swift"), Waterloo, Iowa  
 Thornburgh Mfg. Co. (Triple Geared & Direct Acting Sweep), Bowling Green, Ohio

Turner Mfg. Co., Port Washington, Wis.  
 United Engine Co., Lansing, Mich.

U. S. Wind Engine & Pump Co., Batavia, Ill.

Watts Mfg. Co., Jackson, Mich.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

Williams Patent Crusher & Pulverizer Co., 813 Montg., St. Louis, Mo.

**WILSON BROS.**, Easton, Pa.  
*See adv index at end of book*

Wisconsin Farm Implement Co. ("Wisconsin"), Beloit, Wis.

Wolf Co. ("Bowsher," "Jumbo," "Wolf" & "Tiger Combination"), Chambersburg, Pa.

Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

Worthington Pump & Mach'y Corp. (Oil Engine Driven), 115 B'way, New York

Ypsilanti Machine Works, Ypsilanti, Mich.

### 9791—\*Mills (Flour, Cereal Roller)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*

### 9792— Mills for Enamel

**ABBE ENGINEERING CO.**, 220 B'way, New York  
*See adv index at end of book*

Abbe Paul O., 30 Broad, New York

Ross Chas. & Son Co. ("Eccentric"), 148 Classon av, Brooklyn, N. Y.

### 9793—\*Mills for Grinding Chemicals

**ABBE ENGINEERING CO.**, 220 B'way, New York  
*See adv index at end of book*

**MEAD & CO.**, 19th & M C R R, Detroit, Mich.

### 9794—Mills for Rolling Seamless Tubes

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

### 9795— Mills (Glaze)

**ABBE ENGINEERING CO.**, 220 B'way, New York  
*See adv index at end of book*

American Clay Machinery Co. (Under Gear), S Walnut, Bucyrus, O.

### 9796—\*Mills (Gold & Silver)

**ALLIS-CHALMERS MFG. CO.** ("Chilian"), Milwaukee, Wis.  
*See adv index at end of book*

### 9797—Mills (Grinding & Crushing)

*See also Machinery, Pulverizing*

**ABBE ENGINEERING CO.**, 220 B'way, New York  
*See adv index at end of book*

Abbe Paul O., 30 Broad, New York

Acton John, 118 John, Brooklyn, N. Y.

American Clay Machinery Co. (Glaze & Color Grinding), S Walnut, Bucyrus, O.

**BARTLETT C. O. & SNOW CO.**, (Cement & Paint), French St., Cleveland, O.  
*See adv index at end of book*

Bauer Bros. Co., Bauer bldg, Springfield, O.  
 Bay Gottfried 537 W 50th, New York

**BEACH-RUSS CO.** ("Abbe"), 220 B'way, New York  
*See adv index at end of book*

Braddock Manufacturing Co., Braddock, Pa.

Bradley Pulverizer Co. ("Griffin," "Bradley Three Roll," "Bradley Hercules" for grinding only), 92 State, Boston, Mass.

Brainard Crusher-Pulverizer Co., Old Colony bldg, Chicago, Ill.

Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York. Works, Elizabeth, N. J.

Buckeye Iron & Brass Works (Plaster), Dayton, O.

Campbell P. F. (For Drugs, Fertilizers, Whiting, etc), 51 Laurel, Phila., Pa.

Carey Samuel, 17 State, New York

Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.  
*See adv index at end of book*

Day J. H. Co. ("Day's" Little Giant, for Soft Ores, Clays, Dry Colors, etc.), Cincinnati, O.

Denver Engineering Works Co., Denver, Colo.

Excel Mfg. Co., Pottersville, N. J.



Gray Iron Casting Co., Springfield, O.  
 Gump B. F. Co. (Flour, Drug, Chicory, etc.), 429 S Clinton, Chicago, Ill.  
 Hardinge Conical Mill Co. (Conical), 120 Broadway, New York  
 Ivens Wm. H. Sons Co. (for Terra Cotta, Pottery & Marble Workers, for Grinding Only), P. O. Box 647, Trenton, N. J.  
 Jeffrey Mfg. Co., 961 N 4th, Columbus, O. *See adv index at end of book*  
 Johnson Engineering Works ("Johnson," Marathon Multiple Roll Grinding or Tube Mill), 38 S Dearborn, Chicago, Ill.  
 Kaestner & Hecht Co. (Inc.), (Portable), 500 Throop, Chicago, Ill.  
 Kent Machine Works, 39 Gold, Brooklyn, N. Y.  
 Kent Mill Co., 10 Rapelyea, Brooklyn, N. Y.  
 Lane G. W. & C. A., Exeter, N. H.  
 Lehigh Car Wheel & Axle Works ("Fuller, Lehigh," for Cement, Ore, Rock, etc.), Catasauqua, Pa.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
**MEAD & CO.**, 19th & M C R R, Detroit, Mich.  
 Midland Crusher Pulverizer Co. ("Brainard"), 37 W Vanburen, Chicago, Ill.  
 Miller L. J. (Bone, Grain, Salt, Oil Cake, etc.), Cincinnati, O.  
 Moyle E. H. Engineering & Equipment Co., Los Angeles, Cal.  
 Nebel M. A., 72 Grand av, Brooklyn, N. Y.  
 Newell Mfg. Co., 149 B'way, New York  
 Nordyke & Mormon Co. (Roller & Buhr Stone), 1290 Kentucky av, Indianapolis, Ind.  
 Noye Bros. Co., Buffalo, N. Y.  
 Patterson Fdry & Mach. Co., E. Liverpool, O.  
 Pennsylvania Crusher Co., Stephen Girard bldg., Phila., Pa.  
 Prosser Thos. & Son ("Krupp" Imp.), 15 Gold, New York  
 Raymond Bros. Impact Pulverizer Co., 1319 N Branch, Chicago, Ill.  
 Ross Chas. & Son Co. (French Buhr), 148 Classon av, Brooklyn, N. Y.  
 Simpson-Orville Co., Cincinnati, O.  
 Smith Theodore & Sons Co., Ft. Essex, Jersey City, N. J.  
 Sprout, Waldron & Co. (Paint, Cement, Casein, Phosphate, Fuller's Earth, Cottonseed Oil Cake, etc.), Muncy, Pa.  
 Standard Equipment Co. (For Cinders, Glass, Soft Rock, Coal, Cement, Slag, Skimmings, Sweepings, etc.), New Haven, Conn.  
 Starr B. F. Co. (For Flour & Corn Mills), Guilford av & Center, Baltimore, Md.  
 Stearns-Roger Mfg. Co., Denver, Colo.  
 Stedman's Foundry & Machine Works, Aurora, Ind.  
 Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.  
 Sturtevant Mill Co. (Cement, Lime, Paint, etc.), Clayton & Park, Dorchester, Boston, Mass.  
**THROPP'S JNO. E. SONS CO.**, ft. of Lewis, Trenton, N. J. *See adv index at end of book*  
 United Iron Works Co. ("Emerick" Cement), Springfield, Mo.  
 Walker & Elliott (Fertilizer, Cement, Phosphate, etc.), 2nd & Lombard, Wilmington, Del.  
 Waterville Foundry & Mfg. Co. (Paint, etc, Hand & Power), Waterville, N. Y.  
 Williams Patent Crusher & Pulverizer Co., 813 Montg. St. Louis, Mo.  
**WILSON BROS.** (Bone), Easton, Pa. *See adv index at end of book*  
 Wolf Co., Chambersburg, Pa.  
 Worthington Pump & Mach'y Corp. (Machinery), 115 B'way, New York

### 9798—Mills (Grist, Hand Power)

Bayley Wm. Co., Springfield, O.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Root-Heath Mfg. Co. ("Rapid" & "Korn King"), Plymouth, O.

### Mills (Hay Grinding)

*See Mills, Feed Grinding*

### 9799— Mills (Hollow)

*See also Mills, Adjustable Hollow*  
 Brown & Sharpe Mfg. Co. (With Inserted Blades, etc.), Providence, R. I.  
 Buckeye Twist Drill Co., Alliance, O.

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
 Geometric Tool Co. ("Geometric," "Adjustable"), New Haven, Conn.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 National Tool Co. (Adjustable Solid, Cleveland, O.  
 Pratt & Whitney Co., Hartford, Conn.  
 Rogers Jno. M. Works, Gloucester City, N. J.  
 Standard Tool Co., 6900 Central av, Cleveland, O.

### 9800— Mills (Huntington)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Davis F. M. Iron Works Co., Denver, Col.  
**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York *See adv index at end of book*  
 Mine & Smelter Supply Co., 42 B'way, New York  
 Walker Mfg. Co., Denver, Col.  
 Worthington Pump & Mach'y Corp., 115 B'way, New York

### 9801— Mills (Ink Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Black-Clawson Co., Hamilton, O.  
 Day J. H. Co., Cincinnati, O.  
 Kent Machine Works, 39 Gold, Brooklyn, N. Y.  
 Ross Chas. & Son, 148 Classon av, Brooklyn, N. Y.

### Mills (Iron Cinder)

*See Mills, Water Cinder*

### 9802— Mills (Jar)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

### 9803—Mills (Kaffir Corn & Milo Maize)

Bauer Bros. Co., Bauer bldg, Springfield, O.  
 Bowsher N. P. Co. ("Bowsher" Combination), South Bend, Ind.  
 Letz Mfg. Co., Crown Point, Ind.  
 Stover Mfg. Co., Freeport, Ill.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
 Wolf Co., Chambersburg, Pa.

### 9804— Mills (Laboratory)

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Day Jas. H. Co., Cincinnati, O.

### 9805— \*Mills (Linseed)

**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

### 9806— Mills (Malt)

Aue Ferdinand Co. (Non-Explosive), 401 E 91st, New York  
 Barnard & Leas Mfg. Co., Moline, Ill.  
 Freund H. H. ("S. B. B. Universal," Imported), 154 W 18th, New York  
 Kaestner & Hecht Co. ("Kaestner" Non-Explosive), 500 Throop, Chicago, Ill.  
 Olsen & Tilgner Mfg. Co. (All Iron Non-Explosive), 2280 Elston av, Chicago, Ill.  
 Schock Gustav & Son, 514 W 57th, New York

### 9807— Mills (Mustard)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Bay Gottfried, 537 W 50th, New York  
 Kelso & Co., 557 W Quincy, Chicago, Ill.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

### 9808— Mills (Nut Grinding)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York

### 9809— Mills (Oil Cake)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Bauer Bros. Co. ("Scientific" Grinding), Bauer bldg., Springfield, O.  
 Brown A. & F. Co. ("Cogswell"), 79 Barclay, New York; Works, Elizabethport, N. J.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Campbell P. F., 51 Laurel, Phila., Pa.  
 Cardwell Machine Co., 1900 E Cary, Richmond, Va.  
 Carey Samuel, 17 State, New York  
**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, Fulton & N Sangamon, Chicago, Ill. *See adv index at end of book*  
 Excel Mfg. Co., Pottersville, N. J.  
 McLaughlin Geo. T. Co., 120 Fulton, Boston, Mass.  
 Murray Co., Dallas, Texas  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Sprout, Waldron & Co. ("Monarch" Attrition & French Buhr), Muncy, Pa.  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

### 9810— Mills (Ore Sampling)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Abbe Paul O., 30 Broad, New York  
 Dillon-Box Iron Works Co., Denver, Col.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Walker Mfg. Co., Denver, Col.

### Mills (Paint Grinding)

*See Paint Grinding & Mixing Machinery*

### Mills (Pebble Tube)

*See Mills, Ball & Pebble*

### 9811— Mills (Plate Rolling)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Mackintosh-Hemphill & Co., Pittsburgh, Pa.  
 Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*  
**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
 National Roll & Foundry Co., Avonmore, Pa.  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

### 9812— Mills (Prospecting)

**ALLIS-CHALMERS MFG. CO.** (Miners), Milwaukee, Wis. *See adv index at end of book*  
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.  
 Worthington Pump & Mach'y Corp., 115 B'way, New York

### 9813— Mills (Pug)

American Clay Machinery Co., S Walnut, Bucyrus, O.  
 Anderson Foundry & Machine Works, Anderson, Ind.  
 Arbuckle & Co., Rushville, Ind.  
 Arnold-Creager Co., New London, O.  
**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O. *See adv index at end of book*  
 Bonnot Co., Canton, O.  
 Brewer H. & Co., Tecumseh, Mich.  
 Chambers Bros. Co., 52d, bel Lancaster av, Phila., Pa.  
**CROSSLEY MACHINE CO.** (Sagger Presses), State & Chestnut av, Trenton, N. J. *See adv index at end of book*  
 Freese E. M. & Co., Galion, O.  
 Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.  
 Potts C. & A. Co., Indianapolis, Ind.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Steele J. C. & Sons, Statesville, N. C.  
 Stevenson Co., Wellsville, O.  
 United Iron Works Co., Springfield, Mo.



Wallace Mfg. Co., Frankfort, Ind.  
Wellington Machine Co., Wellington, O.

**9814— Mills (Quartz)**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*  
**Abbe Paul O.**, 30 Broad, New York  
**ALLIS-CHALMERS MFG. CO.** ("Chilian"), Milwaukee, Wis.  
*See adv index at end of book*  
**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.  
*See adv index at end of book*  
**Denver Engineering Works Co.**, Denver, Colo.  
**Denver Quartz Mill & Crusher Co.**, Denver, Colo.  
**Dillon-Box Iron Works Co.**, Denver, Colo.  
**Golding Sons Co.**, Trenton, N. J.  
**Hassell Iron Works Co.**, Colorado Springs, Colo.  
**Hendy Joshua Iron Works** ("Graupner," Central Feed Centrifugal Boiler), 75 Fremont, San Francisco, Cal.  
**Kent Mill Co.**, 10 Rapelyea, Brooklyn, N. Y.  
**Krom Machine Works** (Rolling Toggie & 4-Life Crushers), 170 B'way, New York  
**McFarlane Peter & Sons Iron Works Co.**, Denver, Colo.  
**Patterson Foundry & Machine Co.**, East Liverpool, O.  
**Raymond Bros. Impact Pulverizer Co.**, 1319 N Branch, Chicago, Ill.  
**Stearns-Roger Mfg. Co.**, Denver, Colo.  
**Walker Mfg. Co.**, Denver, Colo.  
**Worthington Pump & Mach'y Corp.**, 115 Broadway, New York

**9815— Mills (Rice)**

**Abbe Engineering Co.**, 220 B'way, New York *See adv index at end of book*  
**Abbe Paul O.**, 30 Broad, New York  
**Brown A. & F. Co.** ("Cogswell"), 79 Barclay, New York. Works: Elizabethport, N. J.  
**Excel Mfg. Co.**, Pottersville, N. J.  
**Nordyke & Marmon Co.**, 1290 Kentucky av, Indianapolis, Ind.  
**Sprout, Waldron & Co.** (Polishers, Shell-ing Stone, Octagon Reels, Polishing Brushes, Trumbles, Separators, Chaff Grinders), Muncy, Pa.

**9816— Mills (Rice Chaff)**

**Bauer Bros. Co.**, Bauer bldg, Springfield, O.

**9817— Mills (Roller Grinding)**

**Abbe Engineering Co.**, 220 B'way, New York *See adv index at end of book*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis.  
*See adv index at end of book*  
**Barnard & Leas Mfg. Co.**, Moline, Ill.  
**Excel Mfg. Co.** (For Graham Flour, etc), Pottersville, N. J.  
**Great Western Mfg. Co.** (Also Roller Feed), Leavenworth, Kan.  
**Hoagland's M. Sons Co.**, Rockaway, N. J.  
**Nordyke & Marmon Co.** (Double Two Pair, High Six Roller, etc), 1290 Kentucky av, Indianapolis, Ind.  
**Simpson-Orville Co.** (Corn & Wheat), Cincinnati, O.  
**Sprout, Waldron & Co.** (Double Roller, Two-Pair & Three-Pair High, All Sizes), Muncy, Pa.  
**Walker Mfg. Co.** (Patent Grinding), Denver, Colo.  
**Wolf Co.**, Chambersburg, Pa.

**9818-9— Mills (Rosin)**

**Abbe Engineering Co.**, 220 B'way, New York *See adv index at end of book*  
**Barnett Oscar Foundry Co.** (Automatic), Irvington, N. J.  
**Brown A. & F. Co.** ("Cogswell"), 79 Barclay, New York. Works: Elizabethport, N. J.  
**Sly W. W. Mfg. Co.**, Cleveland, O.

**9820— Mills (Scroll)**

**Wolf Co.** ("Draver" & "Mitchell"), Chambersburg, Pa.

**9821—\*Mills (Sheet & Tin Plate)**

**Mesta Machine Co.**, Pittsburgh, Pa.  
*See adv index at end of book*

**9822— Mills (Shell End)**

**Barber-Colman Co.**, Loomis st, Rockford, Ill.

**BECKER MILLING MACHINE CO.**, Hyde Park, Mass.  
**Cleveland Twist Drill Co.**, 1 E 49th, Cleveland, O.  
**Morse Twist Drill & Machine Co.**, New Bedford, Mass.  
**National Tool Co.**, Cleveland, O.  
**Standard Tool Co.**, 6900 Central av, Cleveland, O.

**9823— Mills (Slabbing)**

**Garrison A. Foundry Co.**, 901 Bingham, Pittsburgh, Pa.  
**Mackintosh-Hemphill & Co.**, Pittsburgh, Pa.  
**Mesta Machine Co.**, Pittsburgh, Pa.  
*See adv index at end of book*  
**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
**Neumeyer & Dimond** ("Demag" Imp), 82 Beaver, New York

**9823a—\*Mills (Spheroidal)**

**Townsend Foundry & Machine Shop Co.**, Broadway & Rensselaer, Albany, N. Y.  
*See adv index at end of book*

**9824-5— Mills (Stamp)**

**ALLIS-CHALMERS MFG. CO.** (Steam, Gravity & Atmospheric), Milwaukee, Wis. *See adv index at end of book*  
**Arizona & Sonora Mfg. Co.**, Nogales, Ariz.  
**Ashland Iron Works**, Ashland, Oregon  
**Caird Engineering Works**, Helena, Mont.  
**Chalmers-Williams Mfg. Co.** (Stamp Batteries & Accessories), 1461 Arnold, Chicago Heights, Ill.  
**Colorado Iron Works Co.**, Denver, Colo.  
**Davis F. M., Iron Works Co.**, Denver, Colo.  
**Denver Engineering Works**, Denver, Colo.  
**Dillon-Box Iron Works Co.**, Denver, Colo.  
**Hallidie Co.**, Spokane, Wash.  
**Hammond Mfg. Co.**, Kamm bldg, Portland, Ore.  
**Harrison Machine Works**, Los Angeles, Cal.  
**Hendy Joshua Iron Works**, 75 Fremont, San Francisco, Cal.  
**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York  
*See adv index at end of book*  
**Lombard Iron Wks. & Supply Co.**, Augusta, Ga.  
**McFarlane Mfg. Co.**, 3309 Blake, Denver, Colo.  
**McFarlane Peter & Sons Iron Wks. Co.**, Denver, Colo.  
**Mecklenburg Iron Works**, Charlotte, N. C.  
**Mine & Smelter Supply Co.**, 42 B'way, New York  
**National Iron Works**, Spokane, Wash.  
**Nordberg Mfg. Co.**, Milwaukee, Wis.  
**Portage Lake Fdry & Mach Co.**, Hancock, Mich.  
**Stearns-Roger Mfg. Co.**, Denver, Col.  
**Ticonderoga Machine Works** (Stamp Batteries), Ticonderoga, N. Y.  
**Traylor Engineering & Mfg. Co.**, Allentown, Pa.  
**Trent Engineering & Machinery Co.**, Salt Lake City, Utah  
**Union Iron Works Co.**, 20th & Michigan, San Francisco, Cal.  
**Union Iron Works**, Spokane, Wash.  
**Vulcan Iron Works**, Francisco & Kearny, San Francisco, Cal.  
**Walker Mfg. Co.**, Denver, Col.  
**Willamette Iron & Steel Works**, Portland, Ore.  
**Worthington Pump & Mach'y Corp.**, 115 Broadway, New York

**9826— Mills (Structural)**

**Alliance Structural Co.**, Alliance, O.  
**Mesta Machine Co.**, Pittsburgh, Pa.  
*See adv index at end of book*  
**Morgan Engineering Co.**, Alliance, O.  
*See adv index at end of book*

**9827— Mills (Sugar Cane)**

**Bahmann Iron Works Co.**, Cincinnati, O.  
**Bell C. S. Co.** ("Western"), Hillsboro, O.  
**Birmingham Mach. & Fdry Co.**, Birmingham, Ala.  
**Blymyer Iron Works Co.**, Cincinnati, O.  
**Chattanooga Plow Co.**, Chattanooga, Tenn.  
**Coldwell-Wilcox Co.**, Newburgh, N. Y.  
**Columbus Iron Works**, Columbus, Ga.  
**Cook Cane Mill & Evaporator Co.** (For Sorghum), 320 N 2d, St. Louis, Mo.  
**Deeley Robt. & Co.**, 29 B'way, New York  
**Dibert, Bancroft & Ross Co. (Ltd.)**, Tulane & Hagan av, New Orleans, La.

**Dyer Co.**, Cleveland, O.  
**Excelsior Foundry Co.**, Belleville, Ill.  
**Farrel Foundry & Machine Co.**, Ansonia, Conn.  
**Fulton Iron Works**, 1259 Delaware av, St. Louis, Mo.  
**Golden's Fdry & Mach. Co.**, Columbus, Ga.  
**Honolulu Iron Works Co.**, Honolulu, Hawaii

**HOOVEN, OWENS, RENTSCHLER CO.** ("Hamilton"), Hamilton, Ohio.  
*See adv index at end of book*

**Kehoe Iron Works**, Savannah, Ga.  
**Knoxville Fdry & Mach. Co.**, Knoxville, Tenn.  
**Krajewski-Pesant Corp.**, 54 Beard, Brooklyn, N. Y.  
**Lombard Iron Works & Supply Co.**, Augusta, Ga.  
**Mesta Machine Co.**, Pittsburgh, Pa.  
*See adv index at end of book*  
**Pioneer Iron Works**, 149 Pioneer, Brooklyn, N. Y.  
**Pratt Engineering & Machine Co.**, Atlanta, Ga.  
**Reading Iron Co.**, Reading, Pa.  
**Reeves Bros. Co.**, Alliance, Ohio  
**Ross E. W. Co.**, Springfield, O.  
**Rourke John & Sons**, Savannah, Ga.  
**Schofield's J. S. Sons Co.**, Macon, Ga.  
**Southern Plow Co.** ("Columbus," "Standard," "Horizontal"), Columbus, Ga.  
**Squier Geo. L. Mfg. Co.**, Buffalo, N. Y.  
**Swoop Julian M.**, 913 Girod, New Orleans, La.  
**Vulcan Iron Works**, Wilkes-Barre, Pa.  
**White's S. R. Sons** ("Stonewall"), Norfolk, Va.  
**Whitney Iron Works Co.**, 849 Tchoupitoulas, New Orleans, La.  
**Williams Patent Crusher & Pulverizer Co.**, 813 Montgomery, St. Louis, Mo.

**9828— Mills (Tube)**

*See Mills, Ball & Pebble*  
*Also Pipe & Tube Mills*  
*Also Pipe & Tube Mill Machinery*

**9829— Mills (Tumbling & Rumbling)**

**Central Foundry Supply Co.** ("Byran"), P. O. Box 945, Columbus, O.  
**Cleveland Nickel Wks.** (Steel Exhaust; & water), 1167 W 67th, Cleveland, O.  
**Illinois Mfg. & Supply Co.** (Exhaust Steel), Quincy, Ill.  
**Koven L. O. & Bro.**, 154 Ogden av, Jersey City, N. J.  
**Sly W. W. Mfg. Co.** (Exhaust Steel), Cleveland, Ohio  
**Whiting Foundry Equipment Co.**, Harvey, Ill.

**9830— \*Mills (Universal)**

**Mesta Machine Co.**, Pittsburgh, Pa.  
*See adv index at end of book*  
**Morgan Engineering Co.**, Alliance, O.  
*See adv index at end of book*

**9831— Mills (Water Cinder)**

**Cleveland Nickel Wks.**, 1167 W 67th, Cleveland, O.  
**Eastern Machinery Co.** ("Hill"), New Haven, Conn.  
**Farrel Foundry & Machine Co.**, Ansonia, Conn.  
**Illinois Mfg. & Supply Co.** (Iron & Brass), Quincy, Ill.  
**Moussette O. J.** ("Monarch" For Brass Foundries, etc), 22 Clay, Brooklyn, N. Y.  
**Sly W. W. Mfg. Co.** ("Sly" for Sawing Iron & Coke from Cupola Dump), Cleveland, Ohio  
**Standard Equipment Co.**, New Haven, Conn.

**9832— Mills (Water Polishing)**

**Sly W. W. Mfg. Co.**, Cleveland, Ohio  
**Whiting Foundry Equipment Co.** (For Brass), Harvey, Ill.

**Mills (White Lead)**

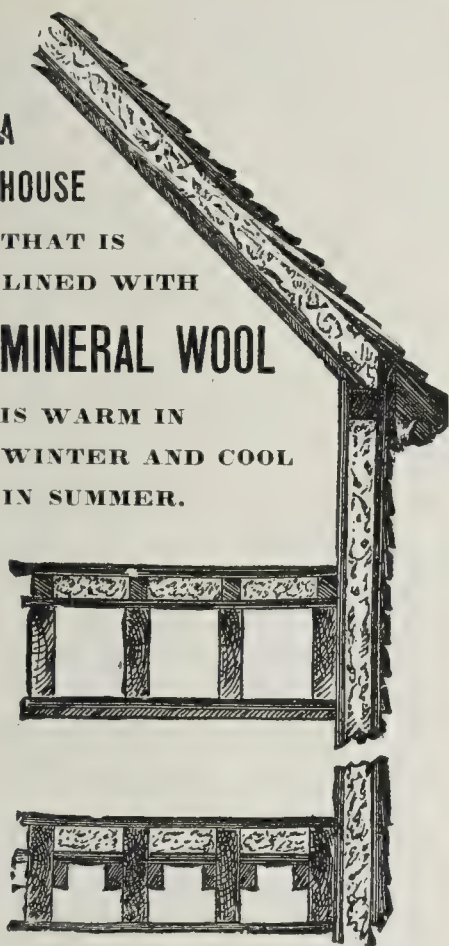
*See White Lead Machinery*

**9833— Mills (Wire Flattening)**

**Blake & Johnson Co.**, 1500 Thomaston av, Waterbury, Conn.  
**Standard Machinery Co.**, Providence, R. I.  
**Waterbury Farrel Foundry & Machine Co.**, Waterbury, Conn.



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### 9834— Millstones

Bullock Chas. K., 1361 Ridge av, Phila, Pa.  
Carey Samuel, 17 State, New York  
**TOBLER & CO.** (French Buhr Imported),  
35 S William, New York

### 9835—Mine Rescue Apparatus

Draeger Oxygen Apparatus Co., Pitts-  
burgh, Pa.  
Hayward S. F. & Co. ("Westfalia"), 250  
W 54th, New York

### Mine Supplies

See Firms in Mill & Factory Supplies, with  
the word Mine following name

### 9836—Mine Supplies (Electric)

Commercial Electrical Supply Co., 15th &  
Pine, St. Louis, Mo.  
Cooke-Wilson Electric Supply Co., Im-  
perial Power bldg, Pittsburgh, Pa.  
Doubleday-Hill Electric Co., 719 Liberty  
av, Pittsburgh, Pa.  
Electric Railway Equipment Co., Cincin-  
nati, Ohio  
Flood City Mfg. Co., Johnstown, Pa.  
Garton W. R. Co., 17 S Desplaines, Chi-  
cago, Ill.  
Gee Electric Co., Wheeling, W. Va.  
**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. See adv index at end of book  
Iron City Electric Co., Pittsburgh, Pa.  
Johns H. W.-Manville Co., Madison av &  
41st, New York  
Kester Electric Co., Terre Haute, Ind.  
Lawrence F. D. Electric Co., 219 W 4th,  
Cincinnati, Ohio  
Ohio Brass Co., Mansfield, Ohio  
Sackett Mine Supply Co., 164 N 3d, Colum-  
bus, Ohio  
Union Electric Co., 31 Terminal Way,  
Pittsburgh, Pa.  
Wesco Supply Co., 7th & Clark, St. Louis,  
Mo.  
Western Electric Co., 463 West, New York  
**WESTINGHOUSE ELECTRIC & MFG.**  
**CO.**, East Pittsburgh, Pa.  
See adv index at end of book

### 9837— Mine Timbers (Steel)

Carnegie Steel Co., Carnegie bldg, Pitts-  
burgh, Pa.  
**PITTSBURGH-DES MOINES STEEL CO.**,  
4th & Ross, Pittsburgh, Pa.  
See adv index at end of book

### 9838— Mineral Colza

Standard Oil Co. of N. Y., 555 W 25th,  
New York  
Union Petroleum Co., Widener bldg, Phila.,  
Pa.  
Waverly Oil Works Co., Pittsburgh, Pa.

### 9839— Mineral Wool Mfrs.

Acme Asbestos Covering & Supply Co., 404  
N Ada, Chicago, Ill.  
See adv index at end of book  
Banner Rock Products Co., Alexandria,  
Ind.  
Columbia Mineral Wool Co., 58 W Wash-  
ington, Chicago, Ill. Works: S Mil-  
waukee, Wis.  
Johns H. W.-Manville Co. ("J-M"), Madi-  
son av & 41st, New York  
Union Fibre Co., Winona, Minn.  
**UNITED STATES MINERAL WOOL CO.**,  
280 Madison av, New York  
See adv index at end of book

### 9840— Minerals (Rare)

Dorl F. & Co. (Imp.), 13 Park row, New  
York  
Earle E. P., 165 B'way, New York  
Phillip Brothers (Imp.), 29 B'way, New  
York

### 9841—Miners' Needles & Scrapers

Fulton Tool Works ("Fulton"), Canal Ful-  
ton, O.  
Hardsocg Mfg. Co. (Steel & Copper), Ot-  
tumwa, Ia.  
Hardsocg Martin Co., 922 South av, Pitts-  
burgh, Pa.  
Hubbard & Co., 63d & Butler, Pittsburgh,  
Pa.  
Iron City Tool Works (Ltd.), 3201 Small-  
man, Pittsburgh, Pa.

Klein-Logan Co., 13th & Breed, Pittsburgh,  
Pa.  
Leetonia Tool Co., Leetonia, O.  
Warwood Tool Co., Warwood, Wheeling,  
W. Va. See adv index at end of book  
What Cheer Tool Co., What Cheer, Ia.

### 9842— Minglers (Sugar)

**LINK-BELT CO.**, 39th & Stewart av,  
Chicago, Ill., & Hunting Park av &  
P. & R. Ry., Phila., Pa.  
See adv index at end of book

### 9843— Minimeters

**NORMA CO. OF AMERICA** ("Hirth"  
Imp.), 1790 B'way, New York  
See adv index at end of book

### 9844— Minnows

Bonafide Mfg. Co. (Aluminum), Plymouth,  
Mich.  
Heddon Jas. & Son (Artificial), Dowagiac,  
Mich.

### 9845—\*Mirror Frames (Metal)

**DAHLSTROM METALLIC DOOR CO.**, 35  
Blackstone av, Jamestown, N. Y.  
See adv index at end of book

### 9845a— \*Mirror Mfrs.

**STANDARD PLATE GLASS CO.**, 30 Sud-  
bury, Boston, Mass.

### 9846— Mirrors (Advertising)

Bache, Semon & Co., 636 Greenwich, New  
York  
Chicago Mirror & Art Glass Co., 216 N  
Clinton, Chicago, Ill.  
National Sheet Metal Co. (Hand, Pocket,  
etc.), Peru, Ill.

### 9847— Mirrors (Bath Room)

Ames, Bonner Co. ("A. B. C."), Toledo, O.  
Boston Mirror Co. (Frameless, etc.), 69  
Sudbury, Boston, Mass.  
Chicago Mirror & Art Glass Co., 216 N  
Clinton, Chicago, Ill.



Church C. F. Mfg. Co. (White Pyralin), Holyoke, Mass.  
 Columbus Brass Co., 538 Dublin av., Columbus, O. *See adv index at end of book*  
 Cooke Jos. S., 20 Jacob, New York  
 Eustis I. P. Mfg. Co. (Brasscrafters), Cambridge, Mass.  
 Galard Co. ("Omaha"), 335 6th av., Newark, N. J.  
 Gallagher P. J., 24 New Chambers, New York  
 Metal Crafters, East Stroudsburg, Pa. *See adv index at end of book*  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Parker Chas. Co., Meriden, Conn.  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.  
 Weber-Knapp Co. (Extension Bracket), Jamestown, N. Y.

#### 9848—Mirrors (Dashboard, Automobile)

Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.  
 Cowles C. & Co., New Haven, Conn.  
 Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.  
 Searls Mfg. Co., 29 Mulberry, Newark, N. J.  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

#### 9848a—\*Mirrors (Frameless)

Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

#### 9849—Mirrors (Hand)

Bradley & Hubbard Mfg. Co., Meriden, Conn.  
 Celluloid Co. (Celluloid), 36 Washington pl., New York  
 Dennins O. Sons, Troy, N. Y.  
 Florence Mfg. Co., Florence, Mass.  
 Frisch Toilet Mirror Co., 161 W 29th, New York  
 Grote F. & Co., 82 4th av., New York  
 Liberty Mirror Works, 6615 Kelly, Pittsburgh, Pa.  
 Pacific Novelty Co. ("Elpho" Ivory), 41 E 11th, New York  
 Souweine Mfg. Co., 103 Varick, New York  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

#### 9849a—\*Mirrors (Hand & Millinery)

**DU PONT E. I. DE NEMOURS & CO.** (The Arlington Works), 725-27 B'way, New York  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

#### 9850—Mirrors (Lamp)

Bausch & Lomb Optical Co., Rochester, N. Y.

#### 9851—Mirrors (Mangin)

Bausch & Lomb Optical Co., Rochester, N. Y.  
**RODEFER GLASS CO., THE**, Bellaire, O. *See adv index at end of book*

#### 9851a—\*Mirrors (Mangin, Blanks)

**RODEFER GLASS CO., THE**, Bellaire, O. *See adv index at end of book*

#### 9852—Mirrors (Plate Glass)

American Mirror Co., 160 Reed, Milwaukee, Wis.  
 Anderson Geo. H. & Co., 1467 W Austin av., Chicago, Ill.  
 Art Glass Co., 74 Fort, E Detroit, Mich.  
 Bache, Semon & Co., 636 Greenwich, New York  
 Boston Mirror Co., 69 Sudbury, Boston, Mass.  
 Building Supplies Corp., Norfolk, Va.  
 Central Door & Lumber Co., 481 Glisan, Portland, Ore.  
 Chicago Mirror & Art Glass Co., 216 N Clinton, Chicago, Ill.  
 Conroy-Prugh & Co., 1430 Western av., Pittsburgh, Pa.  
 Crane Glass & Mfg. Co., 206 St. Clair av., Cleveland, O.  
 Denier's S. Son (French), 17 Crosby, New York

Detroit Mirror Works, Waterman & M. C. R. R., Detroit, Mich.  
 Donnelly J. R. Co., 54 Classon av., Brooklyn, N. Y.  
 Eustis J. P. Mfg. Co. ("Brasscrafters" Metal Frame), Cambridge, Mass.  
 Evansville Mirror & Beveling Co., Evansville, Ind.  
 Falconer Mirror Co., Falconer, N. Y.  
 Gallagher P. J., 24 New Chambers, New York  
 Hadley-Dean Glass Co., 11th & Lucas av., St. Louis, Mo.  
 Hart Mirror Plate Co., Grand Rapids, Mich.  
 Haskins Art Glass Co., Rochester, N. Y.  
 Hires, Turner Glass Co., 30th & Walnut, Phila., Pa.  
 Jackson Glass Works, Jackson, Mich.  
 Lee Edw. F. Gass Co., Detroit, Mich.  
 Morgan Co., Oshkosh, Wis.  
 National Mirror Works (All Kinds), Rockford, Ill.  
 Pittsburgh Plate Glass Co., Frick bldg, Pittsburgh, Pa.  
 Popper Leo & Sons, 143 Franklin, New York  
 Schrenk & Co., Hoboken, N. J.  
 Slane O. W. Glass Co., York, Pa.  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.  
 Tyler & Hippach, 366 W Ohio, Chicago, Ill.  
 Von Gerichten Art Glass Co., 557 So High, Columbus, O.  
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.  
 Williamsport Mirror & Glass Co., Williamsport, Pa.  
 Zahn & Bowly Co., Rutherford, N. J.

#### 9853—Mirrors (Searchlight)

Bausch & Lomb Optical Co., Rochester, N. Y.  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.

#### 9854—Mirrors (Shaving)

Lyons Machine Works, Lyons Station, Ia.  
 Mirror Mfg. Co., 356 W B'way, New York  
 Rite-Lite Shaving Glass Co., Syracuse, N. Y.  
 Shuman F. G. Co. ("Suction Back"), 168 N Michigan av., Chicago, Ill.  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.  
 Weber-Knapp Co. (Adjustable), Jamestown, Pa.

#### 9855—Mirrors (Shock)

Allison & Doughty, 24 Downing, New York  
 Bache, Semon & Co., 636 Greenwich, New York  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.  
 Zahn & Bowly Co., Rutherford, N. J.

#### 9856—Mirrorscopes

Mirrorscope Co., Cleveland, O.  
 Novelty Mfg. Co. ("Bellamy"), Waterbury, Conn.

#### 9857—Mitre Scales

Reeves Mfg. Co., Milford, Conn.

#### 9858—Mitres (Copper)

Hussey C. G. & Co., 2850 2d av., Pittsburgh, Pa.

#### Mitts (Catchers)

*See Gloves, Baseball, Boxing & Fencing*

#### 9859—Mixers (Air)

**McRAE & ROBERTS CO.**, 227 Campbell av., Detroit, Mich. *See adv index at end of book*

#### 9859a—\*Mixers (Aniline Colors)

**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*

#### 9860—Mixers (Asphalt)

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.  
 Coldwell-Wilcox Co., Newburgh, N. Y.  
 Densmore-Stabler Refg. Co., Los Angeles, Cal.  
 East Iron & Machine Co. ("Merriman"), 351 E Market, Lima, O.

Equitable Asphalt Maintenance Co. ("Equitable"), 1901 Campbell, Kansas City, Mo.  
 Erie Machine Shops, Erie, Pa.  
 Hetherington & Berner, Indianapolis, Ind.  
 Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*  
 Pioneer Iron Wks., 149 Pioneer, B'klyn, N. Y.  
 Rapid Mixer Co., Grand Rapids, Mich.  
 Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.  
 Smith T. L. Co., The ("Smith" Hot Mixers), 1151 32d, Milwaukee, Wis.

#### 9861—Mixers (Bleach)

Manitowoc Engineering Works, Manitowoc, Wis.

#### 9862—Mixers (Bread & Cake)

Carpenter L. A., Brass Metal Co. ("Economy"), Cambridge, Mass.  
 Central Stamping Co., 174 Fulton, New York  
 Dorsey Mfg. Co. ("Roberts"), 39 Pearl, Boston, Mass.  
 Gem Stamped Steel Co. ("Kned-Pull"), Chelsea, Mass.  
 Landers, Frary & Clark ("Universal"), New Britain, Conn.  
 Manning, Bowman & Co. ("Eclipse"), Meriden, Conn.  
 Morgan Spring Co., Worcester, Mass.  
 Rockwell L. A. Co., 430 Smith, Brooklyn, N. Y.  
 Roseland Can & Specialty Co. ("American"), Rockford, Ill.  
 Sumner Mfg. Co. ("Eclipse" Large Bakers), Boston, Mass.  
 Vogel Wm. & Bros. ("Chautauqua"), 37 S 9th, Brooklyn, N. Y.  
 Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

#### 9862a—\*Mixers (Candy Masses)

**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*

#### 9863—Mixers (Cement)

Cardington Cabinet Co. ("Diamond"), Cardington, O.  
 Girnan Mfg. Co., Eau Claire, Wis.  
**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*

#### 9864—Mixers (Chocolate)

Abbe Engineering Co., 220 B'way, New York  
 Racine Engine & Machinery Co., Racine, Wis.  
 Rockwell L. A. Co., 430 Smith, Brooklyn, New York  
 Sowers Mfg. Co., Buffalo, N. Y.  
 Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

#### 9865—Mixers (Clay)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Anderson Fdry. & Mach. Wks., Anderson, Ind.  
 Bernholtz Brick Machinery Co., Boyle & Vandeventer, St. Louis, Mo.  
 Chambers Bros. Co., 52d, bel Lancaster av., Phila., Pa.  
 Lakewood Engineering Co., Cleveland, O. *See adv index at end of book*  
 Manitowoc Engineering Wks., Manitowoc, Wis.  
 Marion Machine, Foundry & Supply Co. ("Rust"), Marion, Ind.  
 Ross Chas. & Son Co., 148 Classon av., Brooklyn, N. Y.  
 Werner & Pfeiderer Co., Saginaw, Mich. *See adv index at end of book*

#### 9866—Mixers (Drink)

Arnold Electric Co. ("Arnold" Electric), Racine, Wis.  
 Dorsey Mfg. Co. ("Roberts"), 39 Pearl, Boston, Mass.  
 Hamilton Beach Mfg. Co. ("Cyclone," "U-See-Us" Electric), Racine, Wis.  
 Shelton Electric Co. (Electric), 30 E 42nd, New York  
 Wisconsin Electric Co., Racine, Wis. *See adv index at end of book*

#### 9866a—\*Mixers (Dynamite)

**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*



**9867— Mixers (Feed)**

Excel Mfg. Co. (Alfalfa & Molasses), Pottersville, N. J.  
 Wilson Bros., Easton, Pa.  
*See adv index at end of book*

**9868— Mixers (Fertilizer)**

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Atlanta Utility Works (Rotary Batch Mixers), East Point, Ga.  
 Austin W. E. Machinery Co., Atlanta, Ga.  
 Dempwolf C. H. & Co., York, Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.

Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Pratt Engineering & Machine Co., Atlanta, Ga.

Ransome Concrete Machinery Co., Dunellen, N. J.

Rockwell L. A., 430 Smith, Brooklyn, N. Y.  
 Sackett A. J., cor 4th av & 1st, Baltimore, Md.

**SMITH, T. L. CO., THE** (For Mixing All Kinds of Artificial Fertilizers), 1151 32d, Milwaukee, Wis.

Social Circle Mfg. Co., Social Circle, Ga.  
 Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.

Walker & Elliott, 2d & Lombard, Wilmington, Del.

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9869—Mixers (Flour & Baking Powder)**

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*  
 Burns Jabez & Sons, 600 W 43d, New York  
 Day J. H. Co., Cincinnati, O.  
 Howes S. Co. (Flour), Silver Creek, N. Y.  
 Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**Mixers (Foundry Sand)**

*See Sand Mixing Machines*

**9870— Mixers (Gas)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Cullen & Atkinson Co. ("Monitor"), Hartford, Conn.  
 Detroit Brass Works (Natural Gas), Detroit, Mich.  
 Hays Mfg. Co., Erie, Pa.  
 Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.  
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Modern Iron Wks (Natural Gas), Quincy, Ill.

**9871— Mixers (Glass Batch)**

**SMITH T. L. CO., THE** ("Smith"), 1151 32d, Milwaukee, Wis.

**9872— Mixers (Grout)**

C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.  
 Ransome Concrete Machinery Co. ("Caniff" Pneumatic), Dunellen, N. J.  
 Union Iron Works, Hoboken, N. J.

**9873— Mixers (Hot Metal)**

Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 Penna Engng. Works, New Castle, Pa.  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Variety Iron & Steel Wks. Co., Cleveland, O.

**9874— Mixers (Ice Cream)**

Reid A. H., Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

**9875— Mixers (Liquor)**

*See also Mixers, Drink*  
 New York Stamping Co., ("Empress"), N 11th & Berry, Brooklyn, N. Y.

Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.

**9876—Mixers (Lubricating Compounds)**

Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.  
 Sowers Mfg. Co., Buffalo, N. Y.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9877— Mixers (Mayonnaise)**

Landers, Frary & Clark ("Universal"), New Britain, Conn.

**9878— Mixers (Mortar)**

*See also Concrete Mixers*

Archer Iron Works, 2436 W 34th pl, Chicago, Ill.

Blystone Mfg. Co., Cambridge Springs, Pa.  
 Buckeye Engine & Foundry Co., Joliet, Ill.  
 C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.

Carpenter, Geo. B., & Co., 440 Wells, Chicago, Ill.

Eureka Machine Co. ("Eureka"), Lansing, Mich.

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.

*See adv index at end of book*

Kent Machine Co., Kent, O.

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

Lansing Co., Lansing, Mich.

Laun Machine Co., 715 Root, Chicago, Ill.  
 Marsh-Capron Mfg. Co., Lumber Exchange, Chicago, Ill.

Monighan Machine Co. ("Monighan"), 2032 Carroll av, Chicago, Ill.

Municipal Engineering & Contracting Co., ("Austin Cube"), Chicago, Ill.

Northfield Iron Co. ("Northfield"), Northfield, Minn.

Oelman Curt ("Detroit"), 224 St. Antoine, Detroit, Mich.

Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.

Teal Chas. A. (For Ready Mixed Mortar, etc), 1361 Ridge av, Phila., Pa.

Walker & Elliott, 2d & Lombard, Wilmington, Del.

**9878a—\*Mixers (Nitrocellulose)**

**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*

**9878b—\*Mixers (Oleomargarine)**

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9879— Mixers (Paint)**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Gedge-Gray Co., Lockland, O.

Kraft A. C., 323 W Lake, Chicago, Ill.

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

Whigelt Geo. ("The Mix-Ap," to Mix Paint, etc, on the job), 124 Maiden la, New York

**Mixers (Paint, Power)**

*See Paint Grinding & Mixing Machinery*

**9880— Mixers (Pan)**

Tropenas Converter Co., 50 Church, New York

**9881— Mixers (Paste)**

Advance Machinery Co., Toledo, O.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Sowers Mfg. Co., Buffalo, N. Y.  
 Stokes F. J. Mach. Co., 17 & Cambria, Phila., Pa.

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9882— Mixers (Plaster)**

*See also Mills, Grinding*

Day J. H. Co., Cincinnati, O.

Dunning W. D. ("Broughton"), Syracuse, N. Y.

Ehrsam J. B. & Sons Mfg. Co. ("Enterprise"), Enterprise, Kan.

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

Northfield Iron Co. ("Northfield"), Northfield, Minn.

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Smith T. L. Co., The, 1151 32d, Milwaukee, Wis.

**9883— Mixers Poultry Food**

Excel Mfg. Co., Pottersville, N. J.

**9884— \*Mixers (Rubber)**

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**Mixers (Sand)**

*See Sand Mixing Machines*

**9885—Mixers (Sausage Meat)**

Brecht Co., 1201 Cass av, St. Louis, Mo.

Smith's John E. Sons Co., Buffalo, N. Y.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9886— Mixers (White Lead)**

*See also Mixers, Paint*

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Poole Engineering & Machine Co., Woodberry st, Baltimore, Md.

Ross Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9887— \*Mixers & Sifters**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

Johnson John Co. (Turbine Mixers), 203 37th, Brooklyn, N. Y.

Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

**9888— Mocassins**

Metz & Schloerb (Indian), Oshkosh, Wis.  
 Russell W. C. Mocassin Co., Berlin, Wis.

**9889—Modelers & Sculptors (Architectural)**

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.

Buehen A. Decorators' Supply Co., St. Louis, Mo.

Cairns Hugh, 9 Harcourt, Boston, Mass.

Campbell & Horgan, 4718 Penn, Pittsburgh, Pa.

Church Art Work Co., Mt. Vernon, N. Y.

Decorators' Supply Co., Archer av & Leo, Chicago, Ill.

Dux Jos., 2112 W Van Buren, Chicago, Ill.

Ellin, Kitson & Co., Madison av & 34th, New York

Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.

Evans John & Co., 77 Huntington av, Boston, Mass.

Finke Mfg. Co., 83 Plane, Newark, N. J.

Fischer & Jirouch Co., 4821 Superior av, Cleveland, O.

Francini C., Lexington av & 35th, New York

Haigermoser Jos., 459 Beaubien, Detroit, Mich.

Harnisch Ad., Syracuse, N. Y.

Klee-Thomson Co., 327 E 40th, New York

Koppe & Steinichen, Atlanta, Ga.

Lamb J. & R., 25 6th av, New York

Liesum Geo. & Co., 228 E 24th, New York

Lombard & Ludwig, 309 14th N W, Washington, D. C.

Maene Edw., 309 S Lawrence, Phila., Pa.

Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.

Nygard Alfred F., Detroit, Mich.

Rackle Geo. & Sons Co. (Artificial Stone), Cleveland, Ohio

Richard Louis, 110 West End av, New York

Schneider F. H., Syracuse, N. Y.

Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.

Shaw & Co., 2020 N 10th, Phila., Pa.

Smith Jos. & Co., 428 E 23d, New York



Tiffany Studios, 361 Madison av, New York  
Tognarelli & Voigt Co., 1743 N 12th,  
Phila., Pa.  
Van Malderen F., 5th & Jurnonville, Pitts-  
burgh, Pa.  
Walter G. E., 157 E 44th, New York  
Whitman Studios, 900 Oxford, Phila., Pa.

### 9890—\*Models, Trade Marks & Monograms (Wood)

Spanjer Bros., 1t Center, Newark, N. J.

### 9891—Models & Experimental Work

See also Pattern & Model Makers

Acme Mfg. Co., 355 Howard, Detroit, Mich.  
Allentown Experimental Works, Allentown, Pa.  
American Machine Works, Omaha, Neb.  
Baillard E. V. Co., 24 Frankfort, New York  
Baird Machine Co., Bridgeport, Conn.  
Bass Bros., 82 Walker, New York  
Bedford Aluminum & Specialty Co., 4 Reade, New York  
Befel Frank Mfg. Co., Racine, Wis.  
Berggren & Pearson Machine Co., 221 Canal, New York  
Blount Engineering Co., 100 High, Boston, Mass. *See adv index at end of book*  
Boucher H. E. Mfg. Co. (Models), 150 Lafayette, New York  
Boyce Myron J., 1 Bethune, New York  
Brady & Risher Pattern Works, Waterloo, Iowa  
Breil Robt. Machinery Co., St. Louis, Mo.  
Breul Fred G., Bridgeport, Conn.  
Carolus Mfg. Co., Sterling, Ill.  
Cleveland Metal Stamping Co., Cleveland, Ohio  
Cleverly Electric Wks., 17 N 7th, Phila., Pa.  
Colson F. A. Pattern Works, Buffalo, N. Y.  
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.  
Cook H. E. Co., Inc., 28 Light, Baltimore, Md.  
Cumberland Foundry & Mfg. Co., Nashville, Tenn.  
Currie Machine Co., 45 Fort, Detroit, Mich.  
Dove Machine Co., Lawrence, Mass.  
Eagle Metal Works, 127 Purchase, Boston, Mass.  
Electrical Appliances Mfg. Co., Waterbury, Conn.  
Estes E. B. & Sons (Drawing & Geometrical School Models), 358 5th av, New York *See adv index at end of book*  
Fanning J. P. (Pattern Maker), 678 Jefferson av, Brooklyn, N. Y.  
Girard Model Works, Girard, Pa.  
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, Ohio  
Griswold Geo. M. Machine Co., New Haven, Conn.  
Hanson Tool & Die Co., Detroit, Mich.  
Harris H. E. Engineering Co., 1041 Broad, Bridgeport, Conn.  
Hart Fred'k & Co., Poughkeepsie, N. Y.  
Hartford Special Mach'y Co., Hartford, Conn.  
Hassell Iron Works Co., Colorado Springs, Colo.  
Hervey Machine Works, 209 Oak, Kansas City, Mo.  
Hoeft & Co., 1600 W Kinzie, Chicago, Ill.  
Hoffecker Co., 222 Elliot, Boston, Mass.  
Hoggson S. H. & Co., 17 Thames, New York  
Howard Iron Works, Buffalo, N. Y.  
Howes Forrest E., 307 Atlantic av, Boston, Mass.  
Jeppener Paul, 114 Center, New York

Kirkman Wm. J., Denver, Colo.  
Kohler Die & Specialty Co., De Kalb, Ill.  
Laganke Chas. F., 118 St. Clair av, N E, Cleveland, O.  
Lees John, Indianapolis, Ind.  
Losbough-Jordan Tool & Machine Co., Elkhart, Ind.  
McCulloch A. P. Machine Co., 216 High, Boston, Mass.  
*See adv index at end of book*  
Manufacturers & Inventors Electric Co., 29 Gold, New York  
Model Tool & Gauge Co., 183 John, Bridgeport, Conn.  
Moore & Co., 305 W Grand av, Chicago, Ill.  
National Stamping & Electric Works, 424 S Clinton, Chicago, Ill.  
Nelson Tool Co., 781 E 142nd, New York  
Nestor Mfg. Co. (Inc.), 40 W 13th, New York  
Nitz & Darkow, Akron, O.  
Reeves Mfg. Co., Milford, Conn.  
Rogge Machine Co., 519 Hillger, Detroit, Mich.  
Rudolph Wm. F., 1308 Girard av, Phila., Pa.  
S-P Manufacturing Co. (Automobile Motors), 872 E 72d, Cleveland, O.  
Saunders Co. (Metal), 519 Southwest blvd, Kansas City, Mo.  
Scully Pattern & Model Works, S W cor 5th & Delaware, Kansas City, Mo.  
Sloan Novelty Mfg. Co., 20th & Wyandotte, Kansas City, Mo.  
Spindler & Deringer, 243 Mercer, Jersey City, N. J.  
Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.  
Standard Pattern Works, 5332 St. Clair av, Cleveland, O.  
Stoddard-Jakel Machine & Tool Co., Kerr bldg, Detroit, Mich.  
Superior Machine & Engng. Co., Detroit, Mich.  
S. & I. Co., Springfield, Mass.  
Terkelsen & Wennberg, 326a, Boston, Mass.  
Tolhurst Machine Works, Troy, N. Y.  
Tucker Chas. E. Mfg. Co., York, Pa.  
Union Gear & Machine Co., 85 Purchase, Boston, Mass.  
United Electric Apparatus Co., 1529 Columbus av, Boston, Mass.  
Vogel William, 68 Nassau, New York  
West St. Louis Machine & Tool Co., 606 S Vandeventer av, St. Louis, Mo.  
Western Iron & Foundry Co., Wichita, Kan.  
Western Pattern & Mfg. Co., Moline, Ill.  
White George, 22 Morris, Jersey City, N. J.  
Zuhr Henry, 204 William, New York

### 9892—Moisteners (Cigar)

Stirrup Mfg. Co., 257 Greenwich, New York

### 9893—Moisteners (Envelope)

Ideal Moistener Co., Findlay, O.  
Peerless Moistener Co., 824 S Claremont av, Chicago, Ill.  
Weeks Numan Co. ("Honet Stable"), 81 Fulton, New York

### 9893a—Moisteners (Radiator Air)

Illinois Flower Box Co., 180 N Dearborn, Chicago, Ill.  
McCain W. W., Indianapolis, Ind.  
Savo Mfg. Co., 39 S La Salle, Chicago, Ill.  
Specialty Mfg. Co., 1049 Raymond av, N. St. Paul, Minn.

### Moistening Apparatus

See Textile Machinery

### 9894—Molasses (Foundry)

Springfield Facing Co. (Core Oil & Core Compound), Springfield, Mass.

### 9895—Molds (Aluminum)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

### 9896—Molds (Babbitt Metal & Solder)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Fanning J. P., 678 Jefferson av, Brooklyn, N. Y.  
Haydenville Co., Haydenville, Mass.  
Johnson Wm. (Hedenberg Wks.), Newark, N. J.

Kupferle Jno. C. Foundry Co., 1st & Wright, St. Louis, Mo.  
Modern Iron Works (Half Round), Quincy, Ill.  
Mott J. L. Iron Works, 118 5th av, New York  
Osborne C. S. & Co., Harrison, N. J.  
Schweizer Chas. K. Co., 214 Vine, St. Louis, Mo.  
Vulcan Iron Works, 327 N Irving av, Chicago, Ill.  
Wolverine Brass Works, Grand Rapids, Mich.

### 9897—Molds (Babbitting)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

### 9898—Molds (Bakers' & Confectioners')

Ben-Mohr Manufacturing Co., 51 Cliff, New York  
Eppelsheimer & Co., 34 Hubert, New York  
Maag August Co. (Easter Rabbit Cakes, etc), 509 W Lombard, Baltimore, Md.  
Metallic Chocolate Mould Co., 160 William, New York  
Watkins Jas. Y. & Son, 20 Catherine, New York

### 9899—Molds (Bar Lead, Buck Shot & Bullet)

Fanning J. P., 678 Jefferson av, Brooklyn, N. Y.  
Vulcan Iron Works (Bar Lead), 327 N Irving av, Chicago, Ill.

### 9900—Molds (Brick)

American Clay Machinery Co., S Walnut, Bucyrus, O.  
Arnold-Creager Co. (Hand & Machine), New London, O.  
Crowell James B. & Son, Wallkill, N. Y.  
Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.  
International Clay Machinery Co., Dayton, O.  
Louisville Machine Co., Louisville, Ohio  
Mentz Geo. B. Co., Wallkill, N. Y.  
Potts C. & A. Co., Indianapolis, Ind.  
Wiles A. M. & W. H. Co., Grassy Point, N. Y.

### 9901—Molds (Bullion)

Allis-Chalmers Mfg Co., Milwaukee, Wis.  
*See adv index at end of book*

### 9902—Molds (Butter)

Chapman-Sargent Co. (Round & Square), Perrysburg, O.  
Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.  
Hall Bros. Co., West Acton, Mass.  
Richard & Bechtold (All Kinds), Bellaire, Mich.  
Rowe Henry Mfg. Co., Newaygo, Mich.  
Vermont Farm Machine Co., Bellows Falls, Vt.

### 9903—Molds (Button)

Defiance Button Machine Co. (Button Covering), 43 W 24th, New York  
Empire Button Mold Mfg. Co., 722 E 11th, New York  
ESTES E. B. & SONS, 358 5th av, New York *See adv index at end of book*  
Frary Spool Co., Berlin, N. Y.  
Hill Bros. & Co., Williamsburg, Mass.  
Hurewitz J., 33 Bleeker, New York  
Rhodes Wm. H., Cold Brook, N. Y.  
Terkelsen & Wennberg, 326a, Boston, Mass.

### 9904—Molds (Cake)

Chapman Co. ("Van Deusen"), Geneva, N. Y.

### 9905 — Molds (Capsule)

Kutz & Gift, Allentown, Pa.

### Molds (Cement Post)

See Molds, Concrete; also Cement Post Machinery

## Anything Special in Metal to Order

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The John's Stamping & Machine Works Company, Cleveland, Ohio



**Molds (Cigar)**

See Cigar Makers' Supplies

**9906—Molds (Concrete)**

Architectural Mold Co. (For Concrete Columns), Warren & Medrum avs, Detroit, Mich.  
 Cement Tile Machinery Co. ("Easy Tile"), Waterloo, Ia.  
 D. & A. Post Mould Co. ("D. & A." for Cement Fence Posts), Three Rivers, Mich.  
 Dunn W. E. Mfg. Co., 4138 Fillmore, Chicago, Ill.  
 Geis & Bichler (Sewer Pipe & File), St. Joseph, Mo.  
 Hydraulic Pressed Steel Co. (Pressed Steel), Cleveland, O.  
 Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, Ohio  
 Indiana Concrete Mold Co. (For Sidewalk, Curbs & Gutters), Peru, Ind.  
 Lansing Co. (For Cement Pipe, Columns, Lawn Vases, etc), Lansing, Mich.  
 Monolithic Silo & Const. Co. (Roof Molds), Peoples' Gas bldg, Chicago, Ill.  
 Northwestern Steel & Iron Works, Eau Claire, Wis.  
 Ohio Post Mold Co. (For Concrete Fence Posts), 1348 Nicholas bldg, Toledo, O.  
 Raber & Lang Mfg. Co. ("Crescent" for Pipe & Tile), Kendallville, Ind.  
 Simpson Cement Mold Co. ("Simpson," for Concrete Porches, etc), Maple & West, Columbus, O.  
 Staple Post Mold Co. (Post Molds), Westerville, O.

**Molds (Copper)**

See Molds, Gold &amp; Silver Bullion

**9907—Molds (Cylinder)**

Appleton Wire Works, Appleton, Wis.  
 Beloit Iron Works, Beloit, Wis.  
 Bigelow, Cheney Wire Works, Springfield, Mass.  
 Black-Clawson Co., Hamilton, O.  
 Clark H. C. & Son Mach. Co., Lee, Mass.  
 Dilts Machine Works (Inc.), Fulton, N. Y.  
 Dix Chas. B., Glens Falls, N. Y.  
 Eastwood Wire Mfg. Co., Belleville, N. J.  
 Emerson Mfg. Co., Lawrence, Mass.  
 Gleason Thos. E., East Newark, N. J.  
 Improved Paper Machinery Co., Nashua, N. H.  
 Smith & Winchester Mfg. Co., South Windham, Conn.  
 Ticonderoga Machine Works, Ticonderoga, N. Y.

**9908—Molds for Electrical Insulation Work**

Columbus Die, Tool & Machine Co. (Hard Fibre, Bakelite, etc.), 955 Cleveland av, Columbus, O.

**9909—Molds (Gagger)**

Wadsworth Core Machine & Equipment Co. (For Foundry Use), Akron, O.

**9910—Molds (Glass House)**

American Mold Co., 235 Cherry, Phila., Pa.  
 Ayars Machine Co., Salem, N. J.  
 Burns & Schilling, 589 Kent av, Brooklyn, N. Y.  
 Centre Foundry & Machine Co., Wheeling, W. Va.  
 Dixon H. L. Co. (Vanadium Steel, etc), Rosalyn Road, Pittsburgh, Pa.  
 Early W. J. & Sons (Ltd.) (Vanadium Steel, etc), 812 Sarah, Pittsburgh, Pa.  
 Evans Mold & Foundry Co., Uniontown, Pa.  
 Husted-Hall Mould Works, Bridgeton, N. J.  
 Indiana Mould & Machine Works, Muncie, Ind.  
 Kelly Nicholas & Son (Vanadium Steel, etc), 1704 Wharton, Pittsburgh, Pa.  
 Koeppen Mould Works, Marion, Ind.  
 McKee W. S., 107 Carson, Pittsburgh, Pa.  
 Maryland Mould & Foundry Co., Cumberland, Md.  
 Monumental Mould & Plate Co., 307 S Face, Baltimore, Md.  
 Muncie Mould Works, Muncie, Ind.  
 Northrup B. D., Washington, Pa.  
 Olive Stove Works, Rochester, Pa.  
 Patch S. B. & Sons, Streator, Ill.

Rochester Mould & Machine Co., Rochester, Pa.  
 Valley Star Stove Co., Wheeling, W. Va.  
 Yockel Chas. & Sons, 1220 N Lawrence, Phila., Pa.  
 Zahniser Bros. & Stern (Vanadium Steel, etc), Washington, Pa.  
 Zanesville Mold Co., Zanesville, O.

**9911—Molds (Gold & Silver Bullion)**

**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York  
 Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

**9912—Molds (Ingot)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Centre Foundry & Machine Co., Wheeling, W. Va.  
 Columbiana Boiler Co., Columbiana, O.  
 Garwood Bronze & Iron Works, Garwood, N. J.  
 Hyde Park Foundry & Machine Co., Hyde Park, Pa.  
 Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.  
 McCormack J. S Co., 25th & A. V. R. R., Pittsburgh, Pa.  
 McWilliams Thomas, 237 Eddy, Providence, R. I.  
 Marshall Foundry Co. (Cast Iron), Pittsburgh, Pa.  
 National Roll & Foundry Co., Avonmore, Pa.  
 Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.  
 Penn Mold & Mfg. Co., The Works: Dover, O. Main Office: German Bk. bldg, Wheeling, W. Va.  
 Sharon Foundry Co. (Steel), Wheatland, Pa.  
 Standard Machinery Co., Providence, R. I.  
 Valley Mould & Iron Co., Sharpville, Pa.  
 Wheeling Steel Casting Co. (Steel), Wheeling, W. Va.

**9913—Molds (Jelly)**

Cassady Fairbank Mfg. Co. (Aluminum), 6126 S La Salle, Chicago, Ill.

**9914—Molds (Lead Casting)**

Worthington Pump & Machinery Corp., 115 B'way, New York

**9915—Molds (Lead Flange)**

Williams Foundry & Machine So. of Ohio, Akron, O.

**9916—Molds (Lead Hammer)**

Field Chas. H., 113 Point, Providence, R. I.

**9917—Molds (Maple Sugar)**

Grimm G. H. ("Carleton"), Rutland, Vt.

**9918—Molds (Pottery)**

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.  
*See adv index at end of book*

**9919—Molds (Rubber)**

Adamson Machine Co., Akron, O.  
 Akron Foundry Co. (All Sizes & Kinds), Akron, O.  
 Arnold W. E., Malden, Mass.  
 Baker Wm. H., Trenton, N. J.  
 Barbour Bros., Trenton, N. J.  
 Barbour Stockwell Co., Cambridge, Mass.  
 Bay State Iron Works, Erie, Pa.  
 Birmingham Iron Foundry, Derby, Conn.  
 Bridgewater Machine Co., Akron, O.  
 Clark Edred W., Hartford, Conn.  
**CROSSLEY MACHINE CO.** (Tire Moulds), State & Chestnut av, Trenton, N. J.  
*See adv index at end of book*  
 Eggers Wm. J., 294 Taaffe pl, Brooklyn, N. Y.  
**ELMES CHAS. F. ENGINEERING WORKS (INC.)**, Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*  
 Empire Foundry Co., New Brunswick, N. J.  
 Essex Rubber Co. (For Crockery), Trenton, N. J.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Hoggson & Pettis Mfg. Co., New Haven, Conn.

Hollander & Johnson, Worcester, Mass.  
 Holmes Bros., 500 S Peoria, Chicago, Ill.  
 Housatonic Machine & Tool Co., Bridgeport, Conn.  
 Jones & Kuhike, Akron, O.  
 Logan Edw. Machine Co., Trenton, N. J.  
 McFarland Foundry & Machine Co., Trenton, N. J.  
 Mahlow & Wyckoff, Trenton, N. J.  
 Mechanical Mold & Machine Co., Akron, Ohio  
 Model Machine Works (Hilmar Mueller, Propt.), Trenton, N. J.  
 Nitz & Darkow, Akron, O.  
 Standard Tire & Rubber Mfg. Co., Hipodrome bldg, Cleveland, O.  
 Stokes F. J. Machine Co. (Hard Rubber), 17th & Cambria, Phila., Pa.  
 Terkelsen & Wennberg (for heels & soles), 326A, Boston, Mass.  
 Thropp Wm. R. & Sons Co., Trenton, N. J.  
**THROPP'S JNO. E. SONS CO.**, ft. of Lewis, Trenton, N. J.  
*See adv index at end of book*  
 Williams Foundry & Machine Co. of Ohio. (Also Dies), Akron, O.

**9920—Molds (Rubber Tire)**

Akron Rubber Mold & Machine Co., Akron, O.  
 Bay State Iron Works, Erie Pa.  
**ELMES CHAS. F. ENGINEERING WORKS, Inc.**, c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*  
 Jones & Kuhike, Akron, O.  
 Standard Tire & Rubber Mfg. Co., Hipodrome bldg, Cleveland, O.  
 Thropp Wm. R. & Sons Co., Trenton, N. J.  
**THROPP'S JNO. E. SONS CO.**, ft. of Lewis, Trenton, N. J.  
*See adv index at end of book*

**9921—Molds (Soap)**

Akron Gear & Engng. Co., Akron, O.  
 G. & P. Engraving Co., Wollaston, Mass.

**9922—Molds (Soft Metal)**

Fogg A. A. (Spelter Britannia Metal, Antimonial, Lead, etc.), Meriden, Conn.  
 Jeppener Paul (White Metal), 114 Center, New York

**9923—Molds (Split)**

Marshall Fdry Co. (Cast Iron), Pittsburgh, Pa.

**9924—Molds (Sugar)**

Blymyer Iron Works Co., Cincinnati, O.

**9925—Molds (Tack)**

Haydenville Co., Haydenville, Mass.  
 Johnson Wm. (Hedenberg Wks.), Newark, N. J.  
 Knapp Mfg. Co., 48 Warren, New York  
 Peck Bros. & Co., New Haven, Conn.  
 Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.  
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

**9926—Molybdate of Ammonia**

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.  
**YORK METAL & ALLOY CO.**, York, Pa.

**9927—Molybdenite**

Foote Mineral Co., 107 No 19th, Phila., Pa.

**Molybdenum**

See Ferro-Molybdenum

**9927a—\*Monochrome**

**INNIS, SPEIDEN & CO., INC.**, 46 Cliff, New York *See adv index at end of book*

**9928—Monograms**

See also Name Plates

American Bronze Co., Berwyn, Pa.  
 Blackinton V. H. & Co., Attleboro Falls, Mass.  
 Chicago Art Metal Works, 300 W Lake, Chicago, Ill.  
 Dunn Thos. J. & Co. (Harness), 165 B'way, New York  
 Enterprise Mfg. Co. (Harness), Akron, O.  
 Fine Horace E. Co. (Brass), Trenton, N. J.



Greacen Walter & Co. (Harness), 480 Washington, Newark, N. J.  
 Grote P. & Co. (Iron), 82 4th av, New York  
 Knight H. W. & Son (Brass or White Metal Monograms & Trade Marks), Seneca Falls, N. Y.  
 Matthews Jas. H. & Co. (Automobile & Motor Boat), 3942 Forbes, Pittsburgh, Pa.  
 Moise-Klinkner Co. (Auto & Purse), 1212 Market, San Francisco, Cal.  
 Mono-Crest Co., 1777 B'way, New York  
 Mulhaupt F. Jos. (Metal), Lafayette, Ind.  
 Newark Brass Plate Engraving Co., 52 Lawrence, Newark  
 Reynold-Zahn Co. (Harness), 46 Mechanic, Newark, N. J.  
 Schneider Louis (Pocket Book), 249 Market, Newark, N. J.  
 Spanjer Bros. (Wood), ft Centre, Newark, N. J.  
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

### 9928a—Montejus (Automatic)

German-American Stoneware Wks., 50 Church, New York  
 Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

### Monuments & Statuary (Bronze)

See Bronze Monuments & Statuary

### 9929—Mop Sticks & Holders

See also Handles, Mop

Arcade Mfg. Co. ("Gem," "Freeport," "Arcade," "Standard," Screw, "Trojan"), Freeport, Ill.  
 Boyer A. Broom Co. ("Daisy" Spring Mop Sticks), Galesburg, Ill.  
 Cohankus Mfg. Co., Paducah, Ky.  
 Cupples Sam'l, Woodenware Co., 7th & Spruce, St. Louis, Mo.  
 Eagle Specialties Mfg. Co., Jamestown, N. Y.  
 Ely T. J. Mfg. Co. ("Dandy," "Domestic," "Janitor" & "Keane Pat'n"), Erie, Pa.  
 Erie City Mfg. Co. ("Arrow"), Erie, Pa.  
 Hagglund H. E. ("New Departure"), 410 W Elm, Chicago, Ill.  
 Mason Mfg. Co. ("Invisible," "Taylor," "Eureka," "Smith American" & "Star"), Perkinsville, Vt.  
 Parks & Parks ("Trojan" & "Taylor"), Troy, N. Y.  
 Peirce W. E. & Co., Milford, N. H.  
 Stover Mfg. Co., ("Trojan" & "Keane Pat'n"), Freeport, Ill.

### 9930—Mops (Cloth, Comb. Wringers, Etc.)

American Bread & Pastry-Board Co. ("Harris," Self-Wringing), Cambridge, O.  
 Atlanta Variety Works, Atlanta, Ga.  
 Auburn Brush Co., Auburn, Me.  
 Bay State Brush & Mop Co., Woburn, Mass.  
 Bay State Mop Co. (All Kinds), Woburn, Mass.  
 Brush Mop Co. ("Brush"), 36 E 23d, New York  
 Cedar-Sweep Co. ("C. S. C." Dustless), Los Angeles, Cal.  
 Coffin Stanley H. ("Stanley"), 12 Pearl, Boston, Mass.  
 Dunlap Mfg. Co. ("Oil of Gladness"), Bloomington, Ill.  
 Eagle Woodenware Mfg. Co. ("Rex" Dish Mops, etc), Hamilton, O.  
 Ellert C. H. (Floor & Dish), Evansville, Ind.  
 Ely T. J. Mfg. Co. ("Dandy"), Erie, Pa.  
 Erie City Mfg. Co. ("Arrow," Self Wringing), Erie, Pa.  
 Erie Mop & Wringer Co., Erie, Pa.  
 Gilmore Mfg. Co. (Self-adjusting Handle), 180 N Dearborn, Chicago, Ill.  
 Hamblin & Russell Mfg. Co. ("Champion" Self Wringing), Worcester, Mass.  
 Hilker Edward Mop Co. ("Hilker" Self Wringing & Oil), 2614 W Grand av, Chicago, Ill.  
 Hoag Duster Co. ("Iowa" Salutory), Monticello, Ia.  
**HOWARD DUSTLESS DUSTER CO.** ("Dustless Duster"), 263 Franklin, Boston, Mass.  
 Hunter Brush Mfg. Co., Blanchester, O.  
 Imboden I. C. Co. ("I. C. I." Easy Wringing), Cleona, Pa.

Massasoit Mfg. Co., Fall River, Mass.  
 Meerse J., 1960 W 6th, Cincinnati, O.  
**MILTON CHEMICAL CO.** ("B. B." Dustless, Floor & Dustless Dust Cloths, also Chemically Treated Cloth), 156 Sixth, Cambridge, Mass.  
 Mishler Mfg. Co. (Cotton & Linen Mop Cloths), Smithville, O.  
 No-Mar Mfg. Co. ("No-Mar" Chemical Dust Mops), Cleveland, O.  
 Ohio Duster Co. ("Elite" Chemical), Cleveland, O.  
 Opie J. W. Brush Co. (Mop Wringers Only), Kansas City, Mo.  
 Pioneer Mfg. Co. ("Shino" Chemical Dust), Cleveland, O.  
 Richards Fred J., Springfield, Mass.  
 Sterling Mfg. Co., Reading, Mass.  
 Stover Mfg. Co. ("Ideal" Spring, "Ideal" Screw, Lever Spring, etc), Freeport, Ill.  
 Toothey M. J. Co., Fall River, Mass.  
 U. S. Mop Co. ("Easy" Wringer Mop), Toledo, Ohio  
 Wax Brush Co. ("Bevaxo"), 56 Sanford, Boston, Mass.  
 White J. A., Oxford, O.  
 Wizard Products Co. ("Wizard" Triangle Polish Dust Absorbing Mops), 1444 W 37th, Chicago, Ill.

### 9931—Mops (Cotton)

Alabama Broom & Mattress Co., Huntsville, Ala.  
 Bix Janitor Supply Co. ("Bix"), 1119 Pine, St. Louis, Mo.  
 Blakely Jno. & Son, 1089 Gtn. av, Phila., Pa.  
 Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.  
 Burdett Mfg. Co., Kansas City, Mo.  
 Central Mills Co., Southbridge, Mass.  
 Chattanooga Broom & Mop Co., Chattanooga, Tenn.  
 Cohankus Mfg. Co., Paducah, Ky.  
 Dale Margaret, Arlington, Mass.  
 Eagle Specialty Mfg. Co. ("Invincible Helper"), Jamestown, N. Y.  
 Ellert C. H. ("Home," "Eclipse," "Economy," "Diamond"), Evansville, Ind.  
 Estes Mills ("O K," "Alpha," "Acme," "Slasher" & "Bee" Floor & Dish Mops), Fall River, Mass.  
 Fricke J. E. Co., 247 Market, Phila., Pa.  
 Hall, Lincoln & Co., 154 Milk, Boston, Mass.  
 Hall W. & Co., Lansdowne, Pa.  
 Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.  
 Maddock Textile Co., Milford Centre, O.  
 Massasoit Mfg. Co., Fall River, Mass.  
 Milton Chemical Co. ("B. B.") 156 Sixth, Cambridge, Mass.  
 Nawrath J. P. & Co., 109 Wooster, New York  
 Richards Fred J., Springfield, Mass.  
 Sanderson L. M. (Dish), Haydenville, Mass.  
 Sanitary Stamped Ware & Specialties Co. (Dish, Toilet, Floor, etc), 415 W B'way, New York  
 Southern Mills Corp'n, Oxford, Ala.  
**TATE E. H. MOP & CORDAGE CO.** ("Best Quality"), 15 Chardon, Boston, Mass.  
 Tate Mfg. Co., 48 Hanover, Boston, Mass.  
 Toohy M. J. & Co., Fall River, Mass.  
 Tuscaloosa Mills, Tuscaloosa, Ala.  
 Yocona Mills, Water Valley, Miss.

### 9932—Mops (Polish)

Channell Chemical Co. ("O-Cedar"), 1419 Carrol av, Chicago, Ill.  
 Duncan Bros. Mop Co., 2614 Grand av, Chicago, Ill.  
 Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.  
 Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.

### 9933—Mops (Roofing)

Barrett Co., 17 Battery pl, New York  
 Opie J. W. Brush Co., Kansas City, Mo.  
 Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.

### 9934—Mordants

Providence Drysalts Co., 86 Weybosset, Providence, R. I.

### 9935—Morphine

McKesson & Robbins, 91 Fulton, New York

Mallinckrodt Chemical Works, 2d & Malinckrodt, St. Louis, Mo.  
 Merck & Co., 45 Park pl, New York  
 New York Quinine & Chemical Works, 114 William, New York  
 Powers-Weightman-Rosengarten Co., 916 Parrish, Phila., Pa.

### 9936—Mortar Color Mfrs.

Atlas Co., Lincoln, N. J.  
 Cabot Samuel (Inc.), 141 Milk, Boston, Mass.  
 Calvert Mortar Color Works, Warner & Wooster, Baltimore, Md.  
 Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.  
 Chattanooga Paint Co. ("Eclipse"), Chattanooga, Tenn.  
 Cleveland Iron Ore Paint Co., Cleveland, O.  
 Clinton Metallic Paint Co., Clinton, N. Y.  
 Connors Wm. Paint Mfg. Co., Troy, N. Y.  
 Doggett Stanley, 11 Cliff, New York  
 Erwin Henry & Sons, Bethlehem, Pa.  
 Ferris Warren B. Brick Co., Columbus, O.  
 French Sam'l. H. & Co., 4th & Callowhill, Phila., Pa.  
 Garry Iron & Steel Co., Niles, O.  
 Horn A. C. Co., Bodine, Long Island City, N. Y.  
 Imperial Paint Co. ("Imperial"), 80 10th, Long Island City, N. Y.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Lancaster Paint & Glass Co., Lancaster, Pa.  
 Lookout Paint Mfg. Co., Chattanooga, Tenn.  
 Macneal James B. & Co., Warner & Wooster, Baltimore, Md.  
 Mephram G. S. & Co., 20th & Lynch, East St. Louis, Ill.  
 Parker, Preston & Co., Norwich, Conn.  
 Pecora Paint Co., 4th & P. & R. R.R., Phila., Pa.  
 Pittsburgh Iron Paint Co. ("Keystone"), N S. Pittsburgh, Pa.  
 Prince Mfg. Co., 165 Broadway, New York  
 Ricketson Mineral Paint Works ("Red Brick"), South Bay, Milwaukee, Wis.  
 Roll Mfg. Co., Nottingham, O.  
 Toch Bros. ("Edinburgh"), 320 5th av, New York  
 Wells Jas. M. Co. ("Colorific"), Ogdensburg, N. Y.  
 Wilhelm A. Co., Reading, Pa.  
**WILLIAMS C. K. & CO.**, Easton, Pa.

### 9937—Mortar (Patent Soapstone)

American Soapstone Finsh Co., Chester Depot, Vt.

### 9938—Mortar (Prepared)

Atlas Mixed Mortar Co., Ry Exch bldg, Portland, Ore.  
 Higginson Mfg. Co. ("Higginson's," for Plastering & Finishing Walls), Newburgh, N. Y.  
 Hydrated Lime Bureau, Arrott bldg, Pittsburgh, Pa.

### 9939—Mortars (Crushing)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

### 9940—Mortars (Drug)

Sperry D. R. & Co., Batavia, Ill.

### 9940a—Mortars (Turned Wood)

Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book

### 9941—Mortisers (Chain Saw)

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

### Mortisers (Hollow Chisel)

See Hollow Chisel Mortising Machines

### Mortisers (Sash Pulley)

See Pulley Mortising Machines

### 9942—Mosaic Cube Importers

Jackson C. D. & Co., 105th & E. R., New York



Pisani Bros., 61 Mills, Astoria (Boro. of Queens), N. Y.  
 Rossman Robt. Co., 149 W 24th, New York  
 Roussel Albert C., 524 W 50th, New York  
 Tompkins, Kiel Marble Co., 505 5th av, New York  
 Toscani J. L. Co., 930 E 178th, New York  
 Whitestone Marble Co. (Domestic Mfrs), Atlanta, Ga.

### Mosaic Floors (Hardwood)

See Floors, Parquet

### Mosaics (Ceramic)

See Mosaics, Floor

### 9943— Mosaics (Floor)

Alexander & Reid Co. (Circular), 355 W 36th, New York  
 Art Mosaic & Tile Co., Toledo, O.  
 Batterson & Eisele, Main Office & Works: Edgewater, N. J.  
 Belfi Bros. & Co., 1933 Market, Phila., Pa.  
 Brooklyn Vitrified Tile Works, 92 3rd, Brooklyn, N. Y.  
 Caretti John & Co., 53 W Austin, Chicago, Ill.  
 Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.  
 Central Mosaic & Tile Co., Memphis, Tenn.  
 Church Art Work Co., Mt. Vernon, N. Y.  
 Corning John Herbert, 520 13th N. W., Washington, D. C.  
 Daprato Statuary Co., 766 W. Adams, Chicago, Ill.  
 Davia Bros., 151 W 24th, Chicago, Ill.  
 Davidson Bros. Marble Co., Ft. of Orleans, Chicago, Ill.  
 Davis Marble Co., 1450 W North av, Chicago, Ill.  
 De Paoli Mosaic Association, Dorchester av, Boston, Mass.  
 Drake Marble & Tile Co., 607 2nd av S, Minneapolis, Minn.  
 Hawes & Dodd, 59 E Adams, Chicago, Ill.  
 Illinois Mosaic Tile Co., 3601 S Ashland av, Chicago, Ill.  
 Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.  
 Italian Mosaic & Marble Co., Buffalo, N. Y.  
 Jackson Wm. H. Company, 2 W 47th, New York  
 Keating M. & Son Co., 4046 Wentworth av, Chicago, Ill.  
 Lage B. H., 484 Greenwich, New York  
 Lautz Co., Buffalo, N. Y.  
 Lorenzen Chas. F. & Co., 105 N Clark, Chicago, Ill.  
 McLaury D. H. Tile Co., 103 Park av, New York  
 Mart & Lawton, 1123 B'way, New York  
 Marthens Chester N. Marble Co., W 53d & Wallace, Chicago, Ill.  
 Martina Mosaics Co., 132 E Pearl, Cincinnati, O.  
 National Mosaic Co., 338 Pennsylvania av, Washington, D. C.  
 National Mosaic Tile Co., 21st & Kedzie av, Chicago, Ill.  
 New England Marble Mosaic Co-Operative Co., 147 Orleans, E B. Boston, Mass.  
 Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.  
 Pellarin & Co., 82 Greenwich av, New York  
 Pelli Alexander & Co., 509 E 120th, New York  
 Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.  
 Rinaldi Tile Co., 263 Atlantic av, Boston, Mass.  
 Rossman Robert Co., 149 W 24th, New York  
 Salagona & Co., 144 W 39th, New York  
 Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.  
 Sharpless & Watts Co., 1520 Sansom, Phila., Pa.  
 Shipway Jno. H. & Bro., Locust av & E 136th, New York  
 Standard Mosaic Tile Co., 175 W Jackson blvd, Chicago, Ill.  
 Thormann Jno. H. & Co., 530 W Barre, Baltimore, Md.  
 Tiffany Studios, 361 Madison av, New York  
 Toscani Jno. L. Co., 930 E 178th, New York  
 Traitel Marble Co., Webster av & E. R., Long Island City, N. Y.  
 Twin City Tiling Co., 16 W North av N S, Pittsburgh, Pa.  
 Venetian Marble Mosaic Art Co., 211 Monroe, Detroit, Mich.

Venetian Mosaic & Granitoid Co., 2233 Clark av, St. Louis, Mo.  
 Waterman & Judge, 1 Washington, Boston, Mass.  
 Weary & Beck, 1907 S Michigan av, Chicago, Ill.

### 9944— Mosaics (Glass)

American Mosaic & Tile Co., Louisville, Ky.  
 Batterson & Eisele, Main Office & Works: Edgewater, N. J.  
 Giannini & Hilgart, 222 W Madison, Chicago, Ill.  
 Tiffany Studios, 361 Madison av, New York  
 Toscani Jno. L. Co., 930 E 178th, New York

### Mosaics (Marble)

See Mosaics, Floor

### Mosaics (Roman & Venetian)

See Mosaics, Floor

### 9945— Moss

American Fiber Co., Jacksonville, Fla.  
 Atkins & Dubrow, 157 Water, New York  
 Lounsbery G. H. & Sons, 8 W 3d, Cincinnati, O.  
 Payne & Co., Dayton, O.

### 9946— Moss (Irish)

Bird J. A. & W. & Co. (Imp. Unground & Ground), 88 Pearl, Boston, Mass.  
 Haskins L. M., 131 State, Boston, Mass.  
 Keller Robert, 324 N 3d, Phila., Pa.  
 Kiewert Chas L. Co., 114 Huron, Milwaukee, Wis.  
 Schwenker W. M., 342 E 92d, New York

### 9947— Moss (Peat)

Atkins & Dubrow ("O. K. Holland"), 157 Water, New York  
 Schellings C. J. & Co. (Imp), 160 Pearl, New York

### 9948— Moss (Sea)

Boston Excelsior Co., 30th & North River, New York  
 Payne & Co., Dayton, O.  
 Selle H. W. & Co., 1000 N Halsted, Chicago, Ill.

### 9949— Moss (Tree)

Borgwardt & Ernst Co., 1234 W Chicago av, Chicago, Ill.  
 Boston Excelsior Co., 30th & North River, New York  
 Giles Geo., Ocala, Fla.  
 Kohlmann Moss & Cotton Felt Co., New Orleans, La.  
 Luce Geo. D., Hagan av & St. Peters, New Orleans, La.  
 Phoenix Furniture Co., Charleston, S. C.  
 Schloss E. (Est. of), Baton Rouge, La.  
 Theard Septime L., New Orleans, La.

### 9950— Motions (Reducing)

Ashcroft Mfg. Co. ("Houghtaling" for Indicators), 119 W 40th, New York  
 Bacharach Industrial Instrument Co. ("Stanek," "Maihak"), 14 Wood, Pittsburgh, Pa.

### 9951—Motor Boat, Launch & Yacht Builders

For Designers see Architects, Naval; see also Ship Builders

Abercrombie & Fitch Co. (Motor Canoes), Madison av & 45th, New York  
 Adams Ship Building Co., East Boothbay, Me.  
 Albany Boat Corp'n, Watervliet, N. Y.  
 American Boat Co. (Cat), Detroit, Mich.  
 Atlantic Boat Co. (Power Boats, Dory Skiffs, Launches, etc.), Amesbury, Mass.  
 Benton Electric Co. (Launches), La Crosse, Wis.  
 Bridgeport Motor Co., Bridgeport, Conn.  
 Burger Boat Co., Manitowac, Wis.  
 Burgess W. Starling Co. (Ltd.), (Yachts), Marblehead, Mass.  
 Camden Anchor-Rockland Machine Co., Camden, Me.  
 Cape Cod Power Dory Co. (Cruisers, Dories, Fishing Boats, etc.), Wareham, Mass.

Carleton Canoe Co. (Boats & Canoes), Old Town, Me.  
 Champaign Bros., Ithaca, N. Y.  
 Chesapeake Launch & Motor Co., Norfolk, Va.  
 Cooley Wright Mfg. Co., Waterbury, Vt.  
 Darrow F. H. Steel Boat Co., Albion, Mich.  
 Dean Chas. A. (Boats), Alexandria, Va.  
 De Foe Boat & Motor Works, Bay City, Mich.  
 Detroit Boat Co. (Gasoline, Wooden Boats, Launches & Canoes), Detroit, Mich.  
 Dunphy Boat Mfg. Co., Eau Claire, Wis.  
 Elco Co. ("Elco" Motor Boats, Launches & Yachts), Bayonne, N. J.  
 Electric Boat Co. (Submarine Boats), Groton, Conn.  
 Fairfield Auto Co. (Auto Boats, Launches, etc), Bridgeport, Conn.  
 Fay & Bowen Engine Co., Geneva, N. Y.  
 Fry L. E. & Co. (Boats), Clayton, N. Y.  
 Gas Engine & Power Co. & Chas. L. Seabury Co., Cons. (Naphtha, Alcohol, Vapor & Gasoline Auto Boats & Launches & Steam & Sail Yachts), Morris Heights, New York  
 Gray-Hawley Mfg. Co. (Motor & Row Boats), 937 E Jeff av, Detroit, Mich.  
 Great Lakes Boat Building Corp., 333 Becher, Milwaukee, Wis.  
 Hacker John L. Boat Co., Watervliet, N. Y.  
 Hansen A. (Motor Boats & Launches), ft 58th, Brooklyn, N. Y.  
 Herreshoff Mfg. Co. (Yachts, etc), Bristol, R. I.  
 Hodgdon Bros. (Boats), East Boothbay, Me.  
 Hunter-Everett Boat Co. (Motor Boats, Launches, etc), McHenry, Ill.  
 Jacob Robt. (Yachts), City Island, N. Y.  
 Kneass Geo. W., 18th & Illinois, San Francisco, Cal.  
 Kyle & Purdy (Yachts), 282 King av, City Island, N. Y.  
 Lake Erie Drydock & Mill Co., Sandusky, O.  
 Lake Shore Engine Works (Motor Boats, Launches, etc), Marquette, Mich.  
 Lake Torpedo Boat Co. (Submarine Boats), Bridgeport, Conn.  
 Lawley Geo. & Son Corp., Neponset, Boston, Mass.  
 Leyare Boat Works, Ogdensburg, N. Y.  
 Luders Marine Construction Co., Stamford, Conn.  
 Mathis Yacht Building Co., Camden, N. J.  
 Matthews Co., Port Clinton, O.  
 Michigan Steel Boat Co. (Steel Launches, Row Boats, Canoes, etc), Detroit, Mich.  
 Miller Geo. H. (Yachts), Patchogue, N. Y.  
 Milton Boat Works (Boats, Yachts, etc), Rye, N. Y.  
 Moore Sam'l L. & Sons, Elizabeth, N. J.  
 Mullins W. H. Co. (Pressed Steel), 341 Franklin, Salem, O.  
 Munn Thos. C. Co., Wilmington, Del.  
 Murray & Tregurtha Co. (Yachts, Launches, etc), 340 W 1st, South Boston, Mass.  
 National Boat & Engine Co. of Florida, Jacksonville, Fla.  
 N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.  
 Niagara Motor Boat Co., North Tonawanda, N. Y.  
 Nock F. S. (Boats, etc), East Greenwich, R. I.  
 Palmer Bros., Coscob, Conn.  
 Peo Leon L. & Co. (Launches, etc), Cape Vincent, N. Y.  
 Pioneer Boat & Pattern Co., Bay City, Mich.  
 Poekel T. Sch. & Co., Neponset, Boston, Mass.  
 Pusey & Jones Co. (Yachts), ft Poplar, Wilmington, Del.  
 Racine Boat Co. (Gasoline & Steam Launches, Sailing Yachts, etc), Racine, Wis.  
 Ramaley Boat Co., Wayzata, Minn.  
 Raulf Mfg. Co. (Steel), 560 Vedder, Chicago, Ill.  
 Red Wing Motor Co., Red Wing, Minn.  
 Rippley Mfg. & Steel Boat Co. (Steel), Grafton, Ill.  
 Ruddock Yacht Works (Auto Boats, Launches, etc), 213th & Harlem River, New York  
 Rushton J. H. (Boats, Canoes, etc), Canton, N. Y.  
 St. Louis Yacht & Boat Co., Pierce bldg, St. Louis, Mo.  
 Schaefer Mfg. Co., Berlin, Wis.  
 Smith & Williams Co. (Boats), Salisbury, Ind.



Stamford Motor Co. (Launches, Motor Boats, etc), Stamford, Conn.  
 Stearns & McKay Co. (Launches, Yachts, etc), Marblehead, Mass.  
 Susquehanna Marine Works Co. (Yachts, Boats, Launches, etc), Havre de Grace, Md.  
 Toppan Boat Mfg. Co. (Dories, Launches, etc), 37 Haverhill, Boston, Mass.  
 Twigg Jno. & Son Co., 698 Illinois, San Francisco, Cal.  
 Valley Boat Co., Saginaw, Mich.  
 Versoy Irving R., Morris Cove, New Haven, Conn.  
 Welin Marine Equipment Co. (Bronze Boats), 305 Vernon av, Long Island City, N. Y.  
 Weller's Hiram Sons Co., Trenton, N. J.  
 White E. M. & Co. ("White" Motor Boats), Old Town, Me.  
 Winona Machine & Boat Works (Launches), Winona, Minn.  
 Wright U. G., Paulsboro, N. J.

#### 9952— Motor Cloth

Boston Woven Hose & Rubber Co., ("Rubberized") Cambridge, Mass.  
 Standard Paint Co., ("Ru-ber-oid"), 233 Broadway, New York

**9952a—\*Motor Cycle Frame Parts**  
**STANDARD PARTS CO.**, W 73d, Cleveland, O. *See adv index at end of book*

#### 9953— \*Motor Cycle Parts

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
**MATTHEWS MFG. CO.**, 104 Gold, Worcester, Mass.  
*See adv index at end of book*

#### 9954— Motor Cycles

*See also Bicycle Manufacturers*  
 Aurora Automatic Mach'y Co. ("Thor"), 1307 Michigan av, Chicago, Ill.  
 Cleveland Motor Cycle Mfg. Co. ("Cleveland" Light Weight), 7209 Platt av, Cleveland, O.  
 Davis Sewing Machine Co., Dayton, O.  
 Emblem Mfg. Co., Angola, N. Y.  
 Excelsior Motor Mfg & Supply Co. ("Excelsior"), 3701 Cortland, Chicago, Ill.  
 Great Western Mfg. Co. ("Crown"), La Porte, Ind.  
 Harley-Davidson Motor Co., 3732 Chestnut, Milwaukee, Wis.  
 Hendee Mfg. Co. ("Indian"), Springfield, Mass.  
 Henderson Motor Cycle Co., 1158 Cass av, Detroit, Mich.  
 Ives Mfg. Co., Owego, N. Y.  
 Johnson's Iver Arms & Cycle Works ("Iver Johnson"), Fitchburg, Mass.  
 Miami Cycle & Motor Mfg. Co., ("Flying Merkel"), Middletown, O.  
 Motorcycle Equipment Co. ("Marvel"), Hammondsport, N. Y.  
 Paramount Motor Co. ("Paramount"), Columbus, O.  
 Peerless Motorcar Co., 660 Beacon, Boston, Mass.  
 Pope Mfg. Co. ("Pope"), Hartford, Conn.  
 Reading Standard Co. ("R.-S."), Reading, Pa.

Schickel Motor Co., Stamford, Conn.  
 Shaw Mfg. Co. ("Shaw" & "Kokomo"), Galesburg, Kan.  
 Waverly Mfg. Co. ("Jefferson"), Jefferson, Wis.  
 Westfield Mfg. Co., Westfield, Mass.

#### 9954a—\*Motor Generators (Battery Charging)

Eck Dynamo & Motor Co., Belleville, N. J.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y.  
*See adv index at end of book*

**9955—\*Motor High Speed Reducers**  
**FOOTE BROS. GEAR & MACHINE CO.**, 210 N Carpenter, Chicago, Ill.  
*See adv index at end of book*  
**GANSCHOW WM. CO.**, 1001 Washington blvd., Chicago, Ill.  
*See adv index at end of book*

#### 9956—\*Motor Speed Reduction

**FOOTE BROS. GEAR & MACHINE CO.**, 210 N Carpenter, Chicago, Ill.  
*See adv index at end of book*  
**GANSCHOW WM. CO.**, 1001 Washington blvd., Chicago, Ill.  
*See adv index at end of book*

#### 9957— Motor Starters

*See also Rheostats*  
 Allen-Bradley Co. ("Allen-Bradley" Automatically), 495 Clinton, Milwaukee, Wis.  
**CUTLER-HAMMER MFG. CO.** (For All Purposes), 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Detroit Fuse & Mfg. Co. ("Detroit" Three Phase), 1400 Rivard, Detroit, Mich.  
 Dyneto Electric Co., Syracuse, N. Y.  
**ELECTRIC CONTROLLER & MFG. CO.** (Hand & Automatic), Cleveland, O.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Industrial Controller Co. ("A. C. & D. C."), 390 Greenbush, Milwaukee, Wis.  
 Sevison Electric Co., Elkhart, Ind.  
 Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

#### 9958-9—Motors (Adjustable Speed)

Eck Dynamo & Motor Co., Belleville, N. J.  
*See adv index at end of book*  
 Ideal Electric & Mfg. Co., Mansfield, O.  
 Imperial Electric Co., Akron, O.  
**RELANCE ELECTRIC & ENGINEERING CO.**, 1064 Ivanhoe rd, Cleveland, O.  
*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**Motors (Aeronautical)**  
*See Engines, Airplane*

#### 9960— Motors (Air)

Dake Engine Co. ("Dake" Reversible), Grand Haven, Mich.  
**DETROIT HOIST & MACHINE CO.**, Detroit, Mich. *See adv index at end of book*  
**INGERSOLL-RAND CO.** ("Imperial," "Little Tugger"). A complete line of Air Motors, Pumps, Hoists, Tools and Compressors. Our latest bulletin on any of these lines will be sent on request. 11 Broadway, New York  
*See adv index at end of book*  
 Roto Co. ("Roto") Hartford, Conn.  
 Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.  
 Union Machine Co., 183 University av, St. Paul, Minn.  
 Universal Machinery Co., 784 30th, Milwaukee, Wis.

#### 9961—Motors (Alternating Current)

For Motors, Direct Current, see Firms in Dynamo & Motor Mfrs. with the word Direct following their name  
 Advance Electric Co., 20 N Commercial, St. Louis, Mo.  
**ALLIS-CHALMERS CO.** ("Bullock"), Milwaukee, Wis.  
*See adv index at end of book*  
 Bell Electric Motor Co., Garwood, N. J.  
 Bissell F. Co. (Small Motors), Toledo, O.  
 Burke Electric Co., Erie, Pa.  
 Century Electric Co., 19th & Pine, St. Louis, Mo.  
 Crocker-Wheeler Co., Ampere, N. J.  
 Diehl Mfg. Co. (Polyphase), Elizabeth, N. J.  
 Emerson Elec. Mfg. Co., 2024 Wash. av, St. Louis, Mo.  
 Fairbanks Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Fidelity Elec. Co., Lancaster, Pa.  
 Forbes & Myers (Special small), 169 Union, Worcester, Mass.  
*See adv index at end of book*  
 Fort Wayne Electric Works of General Electric Co., Ft. Wayne, Ind.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Holtzer-Cabot Electric Co., Brookline, Mass.  
 Ideal Electric & Mfg. Co., Mansfield, O.  
 Imperial Electric Co., Akron, O.  
 Kimble Electric Co. ("Kimble-Gregory"), 634 N Western av, Chicago, Ill.  
 Lincoln Electric Co., Cleveland, O.  
 Northwestern Mfg. Co., 480 Clinton, Milwaukee, Wis.  
 Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

**When writing to firms whose names appear in this book please mention**

**HENDRICKS' COMMERCIAL REGISTER.**

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**I.X.L. Spur Gear Speed Reducer**

Made in any Ratio and Horsepower

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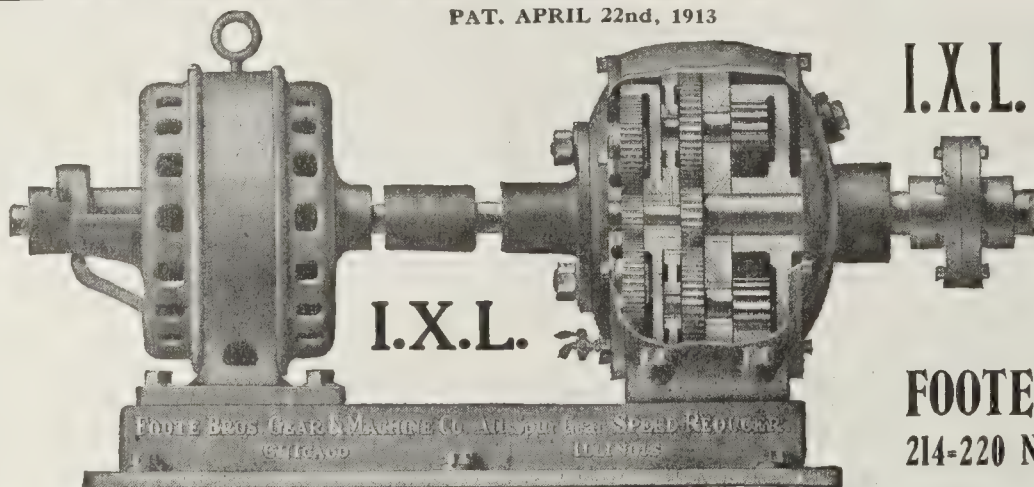
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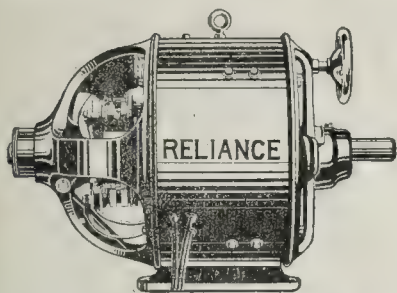
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## CONSTANT SPEED

Direct Current 1-2 to 75 H. P.  
Alternating Current 2 or 3 phase 1-4 to 300 H. P.

## ADJUSTABLE SPEED

Direct Current, Type AS, Armature Shifting Design.  
Speed Ranges up to 1:10. 1-2 to 40 H. P.  
Direct Current, Field Resistance Control, 1-2 to 50 H. P.

DIRECT CURRENT GENERATORS, 1 to 50 K. W.

## RELIANCE ELECTRIC & ENGINEERING CO.

1064 Ivanhoe Road  
CLEVELAND, OHIO

Branch Sales Offices: New York, Philadelphia, Chicago

### Type AS—Adjustable Speed Motor

Runs at any speed with a constant horse-power output over any range up to 1 to 10. No electric controller used.

### RELIANCE ELECTRIC & ENGINEERING CO., 1064 Ivanhoe rd, Cleveland, O.

See adv index at end of book

Richmond Electric Works, McDonough, Richmond, Va.

Robbins & Myers Co. (Up to 30 Horse Power), 1400 Lagonda av, Springfield, Ohio.

Roth Bros. & Co., 1400 W Adams, Chicago, Ill.

Star Dynamo Co., Jefferson City, Mo.

TRIUMPH ELECTRIC CO., Oakley, Cincinnati, O. See adv index at end of book

Wagner Electric Mfg. Co. (Single & Poly-phase), 6400 Plymouth av, St. Louis, Mo.

WESTINGHOUSE ELEC. & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

### Motors (Automobile)

See Engines, Automobile; also Engines, Gas or Gasoline; also Engines, Marine, Gasoline; also Motors, Electric

### 9962—Motors (Battery or Toy)

Carlisle & Finch Co., 229 Clifton av, Cincinnati, O.

Interstate Electric Novelty Co., 29 Park pl, New York

Kendrick-Davis Co., ("Porter," "Ajax," "K.-D.," "Kent," "Tesla," "Rex," "Standard," "Manchester," "Juno"), Lebanon, N. H.

Knapp Electric & Novelty Co. ("Kenco," "Little Hustler"), 511 W 51st, New York

Lionel Mfg. Co. ("New Departure"), 48 E 21st, New York

Menominee Electric Mfg. Co. ("Days"), Menominee, Mich.

Ohio Electric Works ("Albert"), Cleveland, O.

Rittenhouse A. E. Co., Honeoye Falls, N. Y.

Swope Henry R., 120 N 7th, Phila., Pa.

Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.

### 9963—\*Motors (Brick Plants)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

### 9964—Motors (Buffing)

Bell Electric Motor Co., Garwood, N. J.  
Century Electric Co., 19th & Pine, St. Louis, Mo.

Cushman Electric Co. ("Cushman," Buffing & Polishing), Concord, N. H.  
Dilg Mfg. & Trading Co. ("Acme," for Polishing & Refinishing Silverware & other Metal Ware for Hotels, Clubs, etc), 401 E 163d, New York

Forbes & Myers ("Forbes & Myers"), 169 Union, Worcester, Mass.

See adv index at end of book

Holtzer-Cabot Electric Co. (Electric Alternate Grinding & Buffing), Brookline, Mass.

Ideal Electric & Mfg. Co., Mansfield, O.

Imperial Electric Co., Akron, O.

Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.

Robbins & Myers Co., 1400 Lagonda av, Springfield, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

### 9965—\*Motors (Cement Mills)

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

### 9966—Motors (Dental)

Electro Dental Mfg. Co., 33d & Arch, Phila., Pa.

Holtzer-Cabot Elec. Co., Brookline, Mass.

Robbins & Myers Co. (Direct & Alternating Current), 1400 Lagonda av, Springfield, O.

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

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### Motors (Direct Current)

See Dynamo & Motor Manufacturers

### 9967—\*Motors (Direct Current Railway)

GENERAL ELECTRIC CO., Schenectady, N. Y. See adv index at end of book

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

See adv index at end of book

### 9968—Motors (Electric)

See also Dynamo & Motor Manufacturers

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

Arnold Electric Co., Racine, Wis.

Arrow Mfg. Co. ("Arrow"), Toledo, O.

Arvac Mfg. Co. ("Jenny"), Anderson, Ind.

Bell Electric Motor Co. (Single Phase Alternating & Direct), Garwood, N. J.

Benton Electric Co. ("Multi-Polar" & "Bi-Polar" Direct Current), La Crosse, Wis.

Betts & Betts Corp'n ("Betts"), 513 W 42d, New York

Braun Electric Mfg. Co., (Fractional H. P. Universal Motors) Dover, Ohio

Burke Electric Co. (Direct & Alternating), Erie, Pa.

Century Electric Co. ("Century," Single Phase), 19th & Pine, St. Louis, Mo.

Cline Electric Mfg. Co. (For Printing Machy.), Fisher bldg, Chicago, Ill.

Crocker Wheeler Co., Ampere, N. J.

Cushman Elec. Co. ("Cushman" Variable Speed & Direct & Alternating Current), Concord, N. H.

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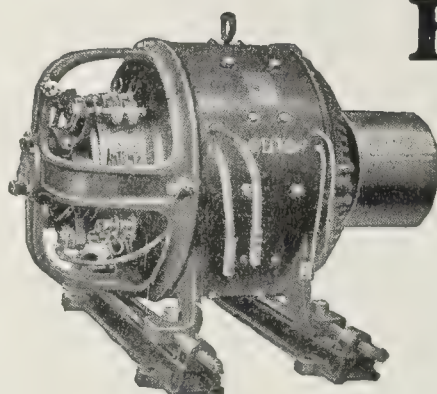
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# ECK "HIGH-GRADE" MOTORS AND GENERATORS

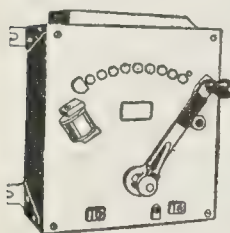
Commutating Poles, Self-Aligning Ball Bearings, Internal Ventilation

*A Type for Every Service*

Constant and Adjustable Speed—Open, Semi-Enclosed or Enclosed, Horizontal, Vertical, Back-Geared—Motor-Generators, Rotary Converters, Dynamotors, Balancers and Boosters—Electric Fans, Portable and Exhaust. Sizes 1/40 to 40 H. P.

## ECK DYNAMO & MOTOR COMPANY

Belleville, New Jersey, U. S. A.



Starting rheostats and speed regulators for all types of electric motors.

The Cutler-Hammer Mfg. Co.,

1200 St. Paul Avenue, Milwaukee, Wis.

C. & C. Electric & Mfg. Co. (3 to 500 H. P.), Garwood, N. J.  
Dayton Electrical Mfg. Co. (Up to 1/2 H. P.), Dayton, O.  
Diehle Mfg. Co. (Vehicle), Elizabeth, N. J.  
Dilt Mfg. & Trading Co., 401 E 163rd, New York

**ECK DYNAMO & MOTOR CO.**, Belleville, N. J. *See adv index at end of book*

Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.

Fairbanks Morse & Co. (Alternating & Direct Current), 900 S Wabash av, Chicago, Ill.

Fidelity Electric Co. (1-20 to 20 H. P.), Lancaster, Pa.

Forbes & Myers ("Forbes & Myers" Alternating, Special Small), 169 Union, Worcester, Mass.

*See adv index at end of book*

Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Globe Electric Co., 6340 Stony Island av, Chicago, Ill.

Green L. A., First Nat'l Bk. bldg, Pittsburgh, Pa.

Guarantee Electric Co. ("Kimble-Gregory"), 430 S. Green, Chicago, Ill.

Holt Electric Co. (Direct Current), 379 S Pierce, Milwaukee, Wis.

Ideal Electric & Mfg. Co. (Alternating Current, Single Phase Elevator, etc), Mansfield, O.

Imperial Electric Co. (Constant & Variable Speed, Smallest up to 125 H. P.), Akron, O.

**JANTZ & LEIST ELECTRIC CO.** (Enclosed Type 1 1/4 to 100 H. P.), Cincinnati, O.

*See adv index at end of book*

Kandem Electric Co. (Imp), 58 Reade, New York

Kendrick-Davis Co. (Small, A. C. & D. C.) Lebanon, N. H.

Kimble Electric Co. ("Kimble" Alternating), 634 North Western av, Chicago, Ill.

Kinetic Electric Co., 16 S Schell, Phila., Pa.

Lee & Hoff Mfg. Co., 65 E Water, St. Paul, Minn.

Leitelt Adolph Iron Works, Grand Rapids, Mich.

Lincoln Electric Co., Cleveland, O.

McKeever Electric Co., 244 S High, Columbus, O.

Mechanical Appliance Co. ("Watson" Direct Current, Single & Polyphase Alternating), Milwaukee, Wis.

Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.

Racine Electric Co., Racine, Wis.

**RELIANCE ELECTRIC & ENGINEERING CO.**, ("Reliance") 1064 Ivanhoe rd, Cleveland, Ohio

*See adv index at end of book*

Reynolds Electric Co., 442 S Talman av, Chicago, Ill.

Richmond Electric Works (1 to 50 h-p Direct Current), McDonough, Richmond, Va.

Robbins & Myers Co., 1400 Lagonda av, Springfield, O.

Rock Products Equipment Corp., 42 Church, New York

*See adv index at end of book*

Shepard Electric Crane & Hoist Co. (Black Geared), Montour Falls, N. Y.

*See adv index at end of book*

Sprague Electric Works (Direct Current), 527 W 34th, New York

Star Dynamo Co. (1/2 to 25 h-p, 1/2 to 20 k. w.), Jefferson City, Mo.

*See adv index at end of book*

Stow Mfg. Co. (Multi-Speed), Binghamton, N. Y. *See adv index at end of book*

**STURTEVANT B. F. CO.**, ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*

Temco Electric Motor Co. ("Temco"), Leipsic, O.

**TRIUMPH ELECTRIC CO.**, Oakley, Cincinnati, O. *See adv index at end of book*

Victor Electric Co. (Alternating Current Variable Speed), Jackson Boul. & Robey, Chicago, Ill.

Vonnegut Machinery Co., Indianapolis, Ind.

Wagner Electric Mfg. Co. (Single Phase & Polyphase, Alternating, etc), 6400 Plymouth av, St. Louis, Mo.

Wesche B. A. Electric Co., 327 W 6th, Cincinnati, O.

Western Electric Co., 463 West, New York

**WESTINGHOUSE ELEC. & MFG. CO.** (Direct Current), East Pittsburgh, Pa.

*See adv index at end of book*

### 9969—Motors (Electric Crane)

Bell Electric Motor Co., Garwood, N. J.

Burke Electric Co., Erie, Pa.

Crocker-Wheeler Co., Ampere, N. J.

C. & C. Electric & Mfg. Co., Garwood, N. J.

**ECK DYNAMO & MOTOR CO.**, Belleville, N. J. *See adv index at end of book*

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Ideal Electric & Mfg. Co., Mansfield, O.

Imperial Electric Co., Akron, O.

Lincoln Electric Co., Cleveland, O.

Mechanical Appliance Co., Milwaukee, Wis.

Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

Sprague Electric Works, 527 W 34th, New York

Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*

Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.

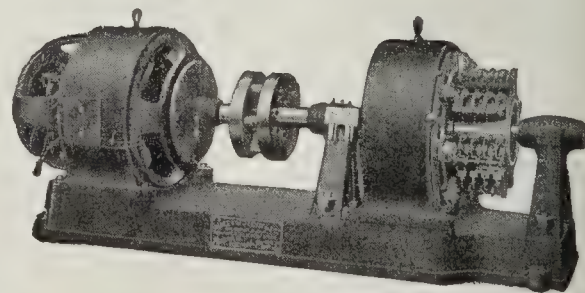
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## JANTZ & LEIST ELECTRIC CO., CINCINNATI, OHIO





**WESTINGHOUSE ELEC. & MFG. CO.,**  
East Pittsburgh, Pa.  
*See adv index at end of book*

### 9970—Motors (Electric Elevator)

Arvac Mfg. Co. ("Jenny"), Anderson, Ind.  
Bell Electric Motor Co., Garwood, N. J.  
Burke Electric Co., Erie, Pa.  
Crocker-Wheeler Co., Ampere, N. J.  
C. & C. Electric & Mfg. Co., Garwood, N. J.

**ECK DYNAMO & MOTOR CO.,** Belleville, N. J. *See adv index at end of book*

**GENERAL ELECTRIC CO.,** Schenectady, N. Y. *See adv index at end of book*

Ideal Electric & Mfg. Co. ("Ideal Special"), Mansfield, O.

Imperial Electric Co., Akron, O.

Lincoln Electric Co., Cleveland, O.

Mechanical Appliance Co., Milwaukee, Wis.

Northwestern Mfg. Co., 482 Clinton, Milwaukee, Wis.

Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

Robbins & Myers Co. (For Freight Elevators, 1400 Lagonda av, Springfield, O.

Triumph Electric Co. ("Triumph"), Oakley, Cincinnati, O. *See adv index at end of book*

Wagner Electric Mfg. Co. (Single & Polyphase Alternating Current), 6400 Plymouth av, St. Louis, Mo.

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

### 9971—Motors (Electric Fan)

Century Electric Co., 19th & Pine, St. Louis, Mo.

Crocker-Wheeler Co., Ampere, N. J.

**ECK DYNAMO & MOTOR CO.** ("Eck Hurricane"), Belleville, N. J. *See adv index at end of book*

Emerson Electric Mfg. Co., 2024 Washington av, St. Louis, Mo.

**GENERAL ELECTRIC CO.,** Schenectady, N. Y. *See adv index at end of book*

Mechanical Appliance Co. (Direct & Alternating Current, Ventilating), Milwaukee, Wis.

Menominee Electric Mfg. Co., Menominee, Mich.

Peerless Electric Co. ("Peerless"), Warren, O.

Robbins & Myers Co., 1400 Lagonda av, Springfield, O.

Sprague Electric Works, 527 W 34th, New York

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

*See adv index at end of book*

### 9972—Motors (Electric, for Flexible Shafts)

Bell Electric Motor Co., Garwood, N. J.

Century Electric Co., 19th & Pine, St. Louis, Mo.

**ECK DYNAMO & MOTOR CO.,** Belleville, N. J. *See adv index at end of book*

Ideal Electric & Mfg. Co., Mansfield, O.

Robbins & Myers Co., 1400 Lagonda av, Springfield, O.

Sprague Electric Works, 527 W 34th, New York

Stowe Flexible Shaft Co., 26th & Callowhill, Philadelphia, Pa.

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

*See adv index at end of book*

### 9973—\*Motors (Electric, for Machine Tools)

Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*

**RELIANCE ELECTRIC & ENGINEERING CO.,** 1064 Ivanhoe rd, Cleveland, O. *See adv index at end of book*

**TRIUMPH ELECTRIC CO.,** Oakley, Cincinnati, O. *See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

*See adv index at end of book*

### 9973a—\*Motors (Electric Mining)

Allis-Chalmers Mfg. Co., Milwaukee, Wis. *See adv index at end of book*

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### 9974—\*Motors (Electric, Single Phase Railway)

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

*See adv index at end of book*

### 9975—\*Motors (Fractional Horse Power)

Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*

**GENERAL ELECTRIC CO.,** Schenectady, N. Y. *See adv index at end of book*

Triumph Electric Co., Oakley, Cincinnati, Ohio *See adv index at end of book*

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### Motors (Oil)

*See Engines, Oil*

### 9983—Motors (Organ)

*See also Motors, Water*

American Steam Pump Co. (Hydraulic), Battle Creek, Mich.

Bishop-Babcock-Becker Co., Cleveland, O.

Century Electric Co., 19th & Pine, St. Louis, Mo.

Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*

Kipp Engine Works, Ossining, N. Y.

Organ Power Co. ("Spencer," Water & Electric), Hartford, Conn.

Rhodes L. E. ("Spencer"), Hartford, Conn.

Roberts Geo. J. Co., Dayton, O.

Ross Valve Mfg. Co. ("Ross" Water Engines), 9 Oakwood av, Troy, N. Y. *See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

Whitney F. E. Co. ("The Boston"), 65 Sudbury, Boston, Mass.

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### Motors (Pneumatic)

*See Pneumatic Motors*

### 9986—\*Motors (Printing Press)

Eck Dynamo & Motor Co., Belleville, N. J. *See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa. *See adv index at end of book*

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### Motors (Electric Railway)

*See Generators, Street Railway*



Koban Mfg. Co., 241 S Water, Milwaukee, Wis.  
 Lockwood Ash Motor Co., Jackson, Mich.  
 Spinaway Boat Motor Co. ("Spinaway" Detachable), Freeport, Ill.  
 Sweet Mfg. Co., Campau bldg, Detroit, Mich.  
 Waterman Motor Co., 235 Mt. Elliott, Detroit, Mich.  
 Wisconsin Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.

### Motors (Sewing Machine)

See Motors, Organ Blowing, Electric

### 9989a—\*Motors (Sewing Machine, Electric)

**TRIUMPH ELECTRIC CO.**, Oakley, Cincinnati, O. *See adv index at end of book*  
 Wisconsin Elec. Co. ("Dumore"), Racine, Wis. *See adv index at end of book*

### Motors (Single Phase, Electric)

See Motors, Induction

### 9990—\*Motors (Steel Mills)

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 9991—Motors (Stoker)

Union Steam Pump Co., Battle Creek, Mich.

### 9992—Motors (Synchronous)

**ALLIS-CHALMERS MFG. CO.** (Electric), Milwaukee, Wis.  
*See adv index at end of book*

Burke Electric Co. (Synchronous Induction), Erie, Pa.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Lincoln Electric Co., Cleveland, O.

Pan Electric Mfg. Co., 735 S 4th, St. Louis, Mo.

Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 9993—Motors (Talking Machine)

Arnold Electric Co., Racine, Wis.

Garford Mfg. Co. (Spring), Elyria, O.

Hoffecker Co., 222 Eliot, Boston, Mass.

Hamilton-Beach Mfg. Co. ("Play-E-Z"), Racine, Wis.

Shelton Electric Co., 30 E 42d, New York

Thomas Mfg. Co., Dayton, O.

### 9994—\*Motors (Textile Machinery)

**ECK DYNAMO & MOTOR CO.**, Belleville, N. J. *See adv index at end of book*

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 9994a—Motors (Tractional Horse Power)

Wisconsin Elec. Co. ("Dunmore"), Racine, Wis. *See adv index at end of book*

### 9995—Motors (Tractor)

Davis Mfg. Co. (Gasoline & Kerosene), Milwaukee, Wis.

Doman H. C. Co., Oshkosh, Wis.

### 9996—\*Motors (Turntable)

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 9997—Motors (Valve)

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Eck Dynamo & Motor Co., Belleville, N. J.  
*See adv index at end of book*

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Smith A. P. Mfg. Co. (Hydraulic), E Orange N. J.

### 9998—Motors (Variable Speed)

**ALLIS-CHALMERS MFG CO.** ("A. C." Electric), Milwaukee, Wis.  
*See adv index at end of book*

Arvac Mfg. Co. ("Jenney"), Anderson, Ind.

Bell Electric Motor Co., Garwood, N. J.

Burke Electric Co., Erie, Pa.

C. & C. Electric & Mfg. Co., Garwood, N. J.

Century Electric Co., 19th & Pine, St. Louis, Mo.

Crocker-Wheeler Co., Ampere, N. J.

Cushman Electric Co. ("Cushman"), Concord, N. H.

**ECK DYNAMO & MOTOR CO.**, Belleville, N. J. *See adv index at end of book*

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Ideal Electric & Mfg. Co., Mansfield, O.

Imperial Electric Co., Akron, O.

Kimble Electric Co. ("Kimble" Single Phase Alternating Current), 634 North Western av, Chicago, Ill.

Northwestern Electric Co., 408 S Hoyne av, Chicago, Ill.

**RELIANCE ELECTRIC & ENGINEERING CO.**, 1064 Ivanhoe rd, Cleveland, O. *See adv index at end of book*

Richmond Electric Works ("Richmond," Polyphase), McDonough, Richmond, Va.

Robbins & Myers Co., 1400 Lagonda av, Springfield, O.

**TRIUMPH ELECTRIC CO.**, Oakley, Cincinnati, O. *See adv index at end of book*

Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.

### 9998a—\*Motors (Vertical)

**ECK DYNAMO & MOTOR CO.**, Belleville, N. J. *See adv index at end of book*

### 9999—Motors (Water)

Althouse-Wheeler Co. ("Waupun"), Waupun, Wis.

American Water Motor Co. ("American" Automatic), Columbus, O.

American-Water Softener Co. (Direct Acting), 10th & Chestnut, Phila., Pa.

Backus Water Motor Co., 172 Penna av, Newark, N. J.

Carlisle & Finch Co., 2293 Clifton av, Cincinnati, O.

Dayton Fan & Motor Co., Dayton, O.

Divine Water Motor Co. ("Divine," "Red Devil"), Utica, N. Y.

Douds Frank C. & Co. ("Douds" Plain & Equipped with Grinding Wheel), New Castle, Pa.

Favorite Mfg. Co., 115 W Vine, Columbus, O.

Gaylord & Eltapenc Co. ("Climax"), Binghamton, N. Y.

Hunter Fan & Motor Co. ("Syracuse," "Tuerk"), Fulton, N. Y.

Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.

Indiana Fan Co., Indianapolis, Ind.

Krott L. E. Apparatus Co. (1-6 H. P. with Countershaft Gear), 79 Amherst, Cambridge, Mass.

Little Thos. A., Wheeling, W. Va.

Pelton Water Wheel Co. (also Direct Connected), 19th & Harrison, San Francisco, Cal., & 90 West, New York

Reliable Water Motor & Mfg. Co., Burlington, Ia.

Rhodes Mfg. Co. ("Clipper," or Steam, and Bottle Washer Combined), Hartford, Conn. *See adv index at end of book*

Roberts Geo. J. Co., Dayton, O.

Ross Valve Mfg. Co. (For Pumping Organs), 9 Oakwood av, Troy, N. Y.  
*See adv index at end of book*

Roto Co. ("Roto"), Hartford, Conn.

Russell Jno. W. & Sons Co. ("Hercules"), Springfield, Mass.

Smith Winfield H. ("Niagara"), Buffalo, N. Y.

**SMITH & HEMENWAY CO.** ("Red Devil"), 76 Chambers, New York  
*See adv index at end of book*

Valle-Kilmes Co. ("V. & K." & "Dayton" Automatic), Dayton, O.

Valley City Machine Works (For Washing Machines, etc), Grand Rapids, Mich.

Whitney F. E. Co., 65 Sudbury, Boston, Mass.

Worthington Pump & Machinery Corp., 115 B'way, New York

### 10000—\*Mouldings (Aluminum)

Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*

**METALLIC AUTOMOBILE MATTING CO.**, 181 York, Rochester, N. Y.

### 10000a—\*Mouldings (Architectural)

See also Mouldings, various kinds

**INTERIOR METAL MFG. CO.**, Jamestown, N. Y.

*See adv index at end of book*

### 10001—\*Mouldings (Automobile & Carriage Door)

**EMPIRE ART METAL CO. (Inc.)**, College Point, L. I., N. Y.

**INTERIOR METAL MFG. CO.** (Automobile), Jamestown, N. Y.  
*See adv index at end of book*

**METALLIC AUTOMOBILE MATTING CO.**, 181 York, Rochester, N. Y.

### 10001a—\*Mouldings (Ball, Beaded & Piano)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 10001b—\*Mouldings (Car)

**INTERIOR METAL MFG. CO.**, Jamestown, N. Y.

*See adv index at end of book*

### 10002—Mouldings (Carved)

Central Planing Mill & Lumber Co., Louisville, Ky.

Doten S. H. & A. R., Portland, Me.

Dwight Lumber Co., Detroit, Mich.

Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.

Fritts D. H. & Co., 414 N Wood, Chicago, Ill.

Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.

Indiana Molding & Frame Co., La Porte, Ind.

Hartmann-Malcolm Co., 847 N Troy, Chicago, Ill.

Hyde-Murphy Co., Ridgway, Pa.

Indiana Molding & Frame Co., La Porte, Ind.

Johnson & Tomek Co., 1825 Carroll av, Chicago, Ill.

Klise' Mfg. Co., Grand Rapids, Mich.

Leslie Jno., 138 W 15th, New York

McClelland T. W. Co., Davenport, Ia.

Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.

N. Y. Carved Moulding Co., 3d av & 139th, New York

New York Wood Working Corp., 506 E 19th, New York

Pelrice W. E. & Co., Milford, N. H.

Roberts Sash & Door Co. (For the Trade Only), 320 W 20th, Chicago, Ill.

Stone R. B. & Co., Spencer, Mass.

Waccamaw Lumber Co., Bolton, N. C.

Waddell Mfg. Co., Grand Rapids, Mich.

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Braun J. G., 609 S Paulina, Chicago, Ill.

**DAHLSTROM METALLIC DOOR CO.** (Over 1400 Designs to Select From; Send for Catalogue), 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

**EMPIRE ART METAL CO. (Inc.)**, College Point, L. I., N. Y.

Grinden Art Metal Co., 427 Marcy av, Brooklyn, N. Y.

Hale & Kilburn Co., 1800 Lehigh av., Phila., Pa.

**INTERIOR METAL MFG. CO.**, Jamestown, N. Y.

*See adv index at end of book*

Kawneer Mfg. Co. ("Kawneer," also Aluminum), Niles, Mich.

McCord Mfg. Co., Detroit, Mich.

Zahner Metal Sash & Door Co., Canton, O.

#### Mouldings (Composition)

See Ornaments, Composition

#### 10004—Mouldings (Copper, Brass & Bronze)

**AMERICAN BRASS CO.**, Waterbury, Conn.

*For branch offices see adv index at end of book*

Bridgeport Brass Co., Bridgeport, Conn.

Braun J. G., 609 S Paulina, Chicago, Ill.

Cowles C. & Co. (Brass Door), New Haven, Conn.

**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

**GORHAM CO. ARCH'L BRONZE**, 5th av & 36th, New York; Works: Providence, R. I. *See adv index at end of book*

Hungerford U. T., Brass & Copper Co., 80 Lafayette, New York

**INTERIOR METAL MFG. CO.** (Bronze & Copper), Jamestown, N. Y.

*See adv index at end of book*

Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.

Manhattan Brass Co., 333 E 26th, New York

Merchant & Evans Co., 2035 Washington av, Phila., Pa.

*See adv index at end of book*

Rome Brass & Copper Co., Rome, N. Y.

Waterbury Brass Goods Corp., Waterbury, Conn.

#### 10005—Mouldings (Electric Wiring)

American Circular Loom Co. ("Lutz" Metal), Chelsea, Mass.

Central Mfg. Co., Chattanooga, Tenn.

Kirkpatrick Mfg. Co. ("Simplex"), Glenwood & N American, Phila., Pa.

Mitchell Moulding Co., 946 W 21st, Chicago, Ill.

National Metal Molding Co. (Metal), 1110 Fulton bldg, Pittsburgh, Pa.

Saulpaugh's J. M. Sons, 180 Lewis, New York

Shelp H. H. Mfg. Co., 6th & Columbia av, Phila., Pa.

Stiles H. A. & Co., 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Wright & Craycroft, 1448 W 21st, Chicago, Ill.

#### 10006—Mouldings (Embossed)

American Sash & Door Co., Kansas City, Mo.

Rilek Stephen Co., 2117 S Troy, Chicago, Ill.

Boynton & Co., 1725 Dickson, Chicago, Ill.

Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.

Diebold Lumber & Mfg. Co., 93-99 Wash av, Pittsburgh, Pa.

Fitzgerald, Speer Co., Pen Argyl, Pa.

Gauger John A. & Co., 1434 W 22d, Chicago, Ill.

Hyde-Murphy Co., Ridgway, Pa.

McKay Angus Co., 724 S Desplaines, Chicago, Ill.

Mertz's Geo. Sons, Portchester, N. Y.

Morgan Sash & Door Co., 2287 Blue Island av, Chicago, Ill.

National Sash & Door Co., N Dupre & Carondelet Walk, New Orleans, La.

New York Carved Moulding Co., 3d av & 139th, New York

Ohio Scroll & Lumber Co., Covington, Ky.

Pearce W. E. & Co., Milford, N. H.

Rock Island Sash & Door Works, Rock Island, Ill.

#### Mouldings (German Silver)

See Mouldings, Copper, Brass, etc.

#### 10007—Mouldings (Metal Covered)

Chicago Metal Covering Co., 2835 Lake, Chicago, Ill.

**COBURN TROLLEY TRACK MFG. CO.**, P. O. Box 721, Holyoke, Mass.

Gould-Mersereau Co., 52 W 38th, New York

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*

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Pape Bros. Moulding Co., Plum & Canal, Cincinnati, O.

Roper John L. Lumber Co., Norfolk, Va.

Schock Parlor Frame Co., Minneapolis, Minn.

*See adv index at end of book*

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**10012—Mouldings (Sheet Steel, Brass & Bronze)**

Braun J. G., 609 S Paulina, Chicago, Ill.  
**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
 Empire Art Metal Co. (Inc.) College Point, L. I., N. Y.  
 Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.  
 Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.

**Mouldings (Spiral)**

*See Mouldings, Rope & Twisted, Etc.*

**10013— \*Mouldings (Stair)**

**DAHLSTROM METALLIC DOOR CO.** (Cold Drawn, Any Metal), 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

**10014— Mouldings (Steel)**

Braun J. G. (For Store Fronts, Stairways, Elevator Enclosures, etc), 609 S Paulina, S Chicago, Ill.

**DAHLSTROM METALLIC DOOR CO.** (Smooth Surface for Electroplating), 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

**EMPIRE ART METAL CO. (Inc.)**, College Point, L. I., N. Y.

Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.

**INTERIOR METAL MFG. CO.**, Jamestown, N. Y.

*See adv index at end of book*  
 Kawneer Mfg. Co. (Storefronts, Stairways, Elevators, "Kawneer," etc), Niles, Mich.

**10015—Mouldings (Steel Picture)**

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Empire Art Metal Co. Inc., College Point, L. I., N. Y.

**10015a—Mouldings (Wind Shield)**

**INTERIOR METAL MFG. CO.**, Jamestown, N. Y.

*See adv index at end of book*

**Moulds**

*See Molds, Various Kinds*

**10016— \*Moulds (Butter)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**10017— \*Moulds (Rubber)**

Estes E. B. & Sons (Balloon, Troy, etc), 358 5th av, New York  
*See adv index at end of book*

**10017a—\*Moulds (Rubber, Turned Wood)**

**ESTES E. B. & SONS**, 358 5th av, New York  
*See adv index at end of book*

**10018—Mountings (Automobile)**

Attwood Brass Works, Grand Rapids, Mich.  
 Columbus Brass Co. (Dash & Foot Rails), 538 Dublin av, Columbus, O.

*See adv index at end of book*  
 Cowles C. & Co., New Haven, Conn.  
**DAHLSTROM METALLIC DOOR CO.** (Light Angles & Channels), 35 Blackstone av, Jamestown, N. Y.

*See adv index at end of book*  
 Ellison Brass Mfg. Co., Jamestown, N. Y.  
 English & Mersick Co., New Haven, Conn.  
 Murdock W. J. Co. (Metal), 116 Opera pl, Cincinnati, O.

Murphy G. W. J. Co. (Silver Mouldings), Merrimac, Mass.  
 Oakes Co. The (Brass Drawn Sheet Metal), Indianapolis, Ind.

Parry A. N. & Co. (Brass, Slate, etc), Amesbury, Mass.

Rands Mfg. Co. (Brass & Nickeled Rails), Detroit, Mich.

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

White Mfg. Co. (Mouldings), Bridgeport, Conn.

Wing Chas. Co., Amesbury, Mass.

Woodruff Walter W. & Sons Co., Mount Carmel, Conn.

**10019— Mountings (Bag)**

Conlan Bernard & Co. (For Belts, Buckles, Purses, Ornaments, etc), 87 Hamilton, Newark, N. J.

Gould's M. Sons & Co., 115 Lafayette, Newark, N. J.

Jenkinson R. C. & Co., 293 Washington, Newark, N. J.

**10020—Mountings (Umbrella & Parasol)**

Novelty Mfg. Co., Waterbury, Conn.  
 Woolson James B., Watertown, Conn.

**10021—Mounts (Photographic)**

Bridges Mfg. Co., Rochester, N. Y.  
 McCabe J. W. Co., 215 Pearl, New York

**10022—Movements (Clock, Gauge, Meter, Etc.)**

Ansonia Novelty Co., Ansonia, Conn.  
 Fiego Alex. J. R., Lynn, Mass.  
 New Haven Clock Co., New Haven, Conn.  
**PLUMB D. S.**, 73-77 Norfolk, nr Central av, Newark, N. J.

*See adv index at end of book*  
 Reeves Mfg. Co., Milford, Conn.  
 Waterbury Clock Co., Waterbury, Conn.

**10023—\*Movements (Recording & Scientific Instrument)**

**PLUMB D. S.** (Also for Clocks, Meters, Gauges, etc), 73-77 Norfolk, nr Central av, Newark, N. J.  
*See adv index at end of book*

**10024—Mower & Reaper Sections**

Henry & Allen, Auburn, N. Y.  
 Herschel R. Mfg. Co., Peoria, Ill.

Whitaker Mfg. Co., 409 S Green, Chicago, Ill.

Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*  
 Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

**10025— Mowers**

*See also Agricultural Implements Mfrs., Harvesters, Reapers*

Acme Harvesting Machine Co. ("Acme" Grass Mowers), Peoria, Ill.

Beatrice Iron Works, Beatrice, Neb.  
 Deere John Harvester Works, East Moline, Ill.

Emerson Brantingham Co. ("Emerson"), Rockford, Ill.

Eureka Mower Co. (Mowers only), 16 Hickory, Utica, N. Y.

Granite State Mowing Machine Co., Hinsdale, N. H.

Independent Harvester Co. ("Independent"), Plano, Ill.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)** ("Champion," "Deering," "McCormick," "Milwaukee," "Osborne," "Piano"), 702 Harvester bldg, Chicago  
*See adv index at end of book*

Johnston Harvester Co. ("Johnston"), Batavia, N. Y.

Messinger Mfg. Co., Tatamy, Pa.

Moline Plow Co. ("Adriance," "Buckeye," "Thomas Crown"), Moline, Ill.

Plattner Implement Co. ("Plattner"), Denver, Colo.

Richardson Mfg. Co., Worcester, Mass.

Sandwich Mfg. Co., Sandwich, Ill.

Siebertling & Miller Co., Doylestown, O.

Thomas Mfg. Co. ("Thomas Crown" Regular & Changeable Speed & Ditch Bank), Springfield, O.

Wood W. A. Mowing & Reaping Machine Co. (Giant Admiral), Hoosick Falls, N. Y.

**10026— Mucilage Mfrs.**

*See also Dextrine, Liquid Glue, Paste, etc*

Arabol Mfg. Co., 100 William, New York

Bankers' Ink Co., Kansas City, Mo.

Barnes National Ink Co., 222 N 5th, Phila., Pa.

Carter's Ink Co. ("Great Stickest"), Cambridge, Boston, Mass.

Continental Mfg. Co. ("Willstick," "Universal"), 4611 Girard, Phila., Pa.

Davids Thaddeus Ink Co., 97 Van Dam, New York

Davis Wm. A. Co. ("U. S. Treasury"), 40 Batterymarch, Boston, Mass.

Dennison Mfg. Co., 26 Franklin, Boston, Mass.

Diamond Ink Co., 192 E Water, Milwaukee, Wis.

Elwell B. F. Glue Co., Rockport, Mass.

Higgins Chas. M. & Co., 271 9th, Brooklyn, N. Y.

Keller Robert Ink Co., 523 Fort, W, Detroit, Mich.

Kirk Harry D., 184 W Washington, Chicago, Ill.

Levinson & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.

Monarch Glue Co. ("Monarch"), 202 Main, Cincinnati, O.

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Movements or Counters for Various Mechanical Purposes.

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Moore J. & I. E., Warren, Mass.  
National Gum & Mica Co. ("Universal," etc., all grades), 502 W 59th, New York  
Nicol J. M. & J. S., Hawthorne, N. J.  
Pomeroy Ink Mfg. Co., 218 N J R R av, Newark, N. J.  
Thomas L. H. Co., West Congress & S Peoria, Chicago, Ill.  
Woodmansee F. A., 117 E Pearl, Cincinnati, O.

### 10026a—\*Muddlers (Wooden)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### Mudguards (Automobile)

*See Fenders & Guards, Automobile*

### 10027—Muffle Furnace Fronts

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
Bethlehem Foundry & Machine Co. (For Chemical Mfrs., etc), South Bethlehem, Pa.

### 10028—Mufflers (Automobile)

Briscoe Mfg. Co., Detroit, Mich.  
Gemco Mfg. Co. ("Anti-Explo," "Milwaukee"), Milwaukee, Wis.  
Geer Harry R. Co. (Motor Cycles), 858 McLaren av, St. Louis, Mo.  
**GRAY-HAWLEY MFG. CO.** ("Gray"), 937 E Jeff. av, Detroit, Mich.  
Hayes Mfg. Co., Detroit, Mich.  
Kells W. J. Mfg. Co., 512 W 45th, New York  
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
Michigan Stamping Co., Detroit, Mich.  
Milwaukee Auto Engine & Supply Co., 708 Winnebago, Milwaukee, Wis.  
Milwaukee Motor Sales Co., Milwaukee, Wis.  
Neustadt Auto & Supply Co., 3200 Locust, St. Louis, Mo.  
Northway Motor & Mfg. Co., Detroit, Mich.  
Oldberg Mfg. Co., 76-86 Forest E, Detroit, Mich.  
Powell Muffler & Timer Co., Utica, N. Y.  
Smith D. B. & Co. ("Yankee"), Utica, N. Y.  
Troike Muffler & Mfg. Co. ("Troike"), Loraine, O.  
Weeber C. F. Mfg. Works ("Weeber"), Albany, N. Y.  
Weiss L. T., 286 Taaffe pl, Brooklyn, N. Y.  
Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.  
Xardell Bros. Co. (Vacuum), Utica, N. Y.  
Yankee Co. ("Yankee" Silent), Utica, N. Y.

### 10028a—Mufflers (Marine)

Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.  
Thermex Silencer Works, 6 Lewis, Boston, Mass.  
Yankee Co., Utica, N. Y.

### 10029—\*Mufflers (Pop Valve)

**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

### 10030—Muffles

Baker & Co., Newark, N. J.  
Bishop J. & Co. Platinum Wks., Malvern, Pa.  
Carborundum Co. (Silfro), Niagara Falls, N. Y.  
Dixon Joseph Crucible Co., Jersey City, N. J. *See adv index at end of book*  
Grueby Faience & Tile Co. ("Grueby"), Boston, Mass.  
McCullough-Dalzell Crucible Co., 36th & Av V, Pittsburgh, Pa.  
Metals Production Equipment Co., Springfield, Mass.  
Thermal Syndicate (Ltd.), 50 E 41st, New York

### 10031—Muffles (Enameling)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.  
Denver Fire Clay Co., Denver, Colo.

### 10032—Mugs (Beer)

Central Glass Works, Wheeling, W. Va.  
Monongah Glass Co., Fairmont, W. Va.  
Rochester Tumbler Co., Rochester, Pa.

### 10033—\*Multi Stage, High Lift Centrifugal Pumps

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

### Muriate of Ammonia

*See Sal-Ammoniac*

### Muriate of Potash

*See Firms in Potash with the word "Muriate" following name.*

### 10034—Muricates of Tin

*See Tin Crystals*

Butterworth-Judson Co., Passaic River, Newark, N. J.  
General Chemical Co. (Crystals, Solution, Bichloride & Oxy), 25 Broad, New York  
Merrimac Chemical Co., 148 States, Boston, Mass.

### 10035—Music Holders or Racks

Syracuse Wire Works (Wire, Piano Player Roll Racks), Syracuse, N. Y.

### 10035a—Musical Fittings

du Pont E. I. de Nemours & Co. (The Arlington Works) 725-27 B'way, New York

### 10036—Muslin (Varnished)

Dielectric Mfg. Co. (For Electrical Insulation), 224 S Vandeventer av, St. Louis, Mo.

### 10037—Muzzles (Dog)

Buchheimer Geo. H. (Leather), 1004 Rutland av, Baltimore, Md.  
Darby Edw. & Sons Co., 239 Arch, Phila, Pa.  
Graham & Berwin (Leather), 107 Lafayette, New York  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Meyers Fred J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
Stevens Walter B. & Son ("Happidog"), 107 Chambers, New York  
Wire Goods Co., Worcester, Mass.

### 10038—Muzzles (Horse & Ox)

Barbee Wire & Iron Works (Wire), 170 N Dearborn, Chicago, Ill.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jelliff C. O. Mfg. Corp., Southport, Conn.  
Langstroth T. W. (Horse), 77 Warren, New York  
Wire Goods Co. (Japanned Wire, etc., Worcester, Mass.

### 10039—Myrbane

Berlin Aniline Works, 213 Water, New York; also Chemical Co. (Oils, for Soap & Perfumery), Bound Brook, N. J.  
Calco Chemical Co. (Oils, for Soap and Perfumery), Bound Brook, N. J.  
Farbwerke-Hoechst Co., 122 Hudson, New York  
Holliday, Read & Sons, Ltd. (Imported), 160 Franklin, New York  
Magnus, Mabee & Reynard (Imp.), 257 Pearl, New York  
National Aniline & Chemical Co., 100 William, New York

### 10040—Myrobalans

Carleton & Moffat ("Imp"), 80 Maiden la, New York  
Haley-Hammond Co., 129 Pearl, New York  
Imis, Speiden & Co. Inc., 46 Cliff, New York. *See adv index at end of book*  
Klipstein A. & Co. (Imported), 644 Greenwich, New York  
Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York  
Worden Chemical Works (Imp.), 4 Cedar, New York

### 10041—Nail Sets

Braunsdorf-Mueller Co., Elizabeth, N. J.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Browne & Dowd Mfg. Co. (Knurled Cup Point), Meriden, Conn.  
Buell Bros., Clinton, Conn.  
Buffum Tool Co. ("Swastika," Tinnets), South Side, Louisiana, Mo.  
Bullock Mfg. Associates, Springfield, Mass.  
Cronk & Carrier Mfg. Co., Elmira, N. Y.  
Deuse J. S., Chester, Conn.  
**EXCELSIOR NEEDLE CO.**, Torrington, Conn. *See adv index at end of book*  
Goodell-Pratt Co., Greenfield, Mass.  
Irwin Auger Bit Co., Wilmington, O.  
Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
Johnson Wm. (Hedenberg Works), (Plain; Knurled Cup Points), Newark, N. J.  
Kraeuter & Co., 583 18th av, Newark, N. J.  
Lowentraut P. Mfg. Co., 36 Brenner ("U. S."), Newark, N. J.  
Massachusetts Saw Works ("Victor"), Springfield, Mass.  
Mayhew H. H. Co., Shelburne Falls, Mass.  
Ohio Tool Company, Charleston, W. Va.  
S. & I. Co., Springfield, Mass.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Smith H. D. & Co. ("Sharpenezy"), Plantsville, Conn.  
Snell Mfg. Co., Fiskdale, Mass.  
Stanley Rule & Level Co., New Britain, Conn.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
Stortz John & Son, 210 Vine, Phila, Pa.  
**SYRACUSE TWIST DRILL CO.** ("Syracuse" & "Noral"), Borden av, Syracuse, N. Y.  
*See adv index at end of book*  
Thayer Mfg. Co., Williamsburg, Mass.  
Tucke Mfg. Co. (Plain, Corrugated, Knurled & Channel), Brockton, Mass.  
Union Tool Co., Orange, Mass.  
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.  
West Haven Mfg. Co. ("Easy Hold," "Wont Roll," "O. K."), West Haven, Conn.  
Williams William Jr., New Britain, Conn.

### 10041a—Nailing Courses (Fireproof)

Flexner-Taylor Co. (Ltd.), ("Flexner" for Floor & Slate Nailing), 786 E. Broadway, So. Boston, Mass.

### 10042—Nails (Aluminum)

Grammes L. F. & Sons, Allentown, Pa.  
Hassell Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.  
Townsend C. C. & E. P. Co., New Brighton, Pa.

### 10043—Nails (Aluminum Coated)

Wilder Metal Coating & Mfg. Co., Connelville, Pa.

### 10044—Nails (Barbed)

American Steel Co., Park bldg, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
Belfont Iron Works Co., Ironton, O.  
Cambria Steel Co., Widener bldg, Phila., Pa.  
Corbin Screw Corporation (Steel Wire), New Britain, Conn.  
Grammes L. F. & Sons, Allentown, Pa.  
Gulf States Steel Co., Birmingham, Ala.  
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.  
Keystone Steel & Wire Co., Peoria, Ill.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
Morgan Spring Co., Worcester, Mass.  
Norton Iron Works (Common & Car), Ashland, Ky.  
Townsend C. C. & E. P. Co., New Brighton, Pa.  
Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
Wire Goods Co., Worcester, Mass.  
Youngstown Sheet & Tube Co. (Common & Car), Youngstown, O.

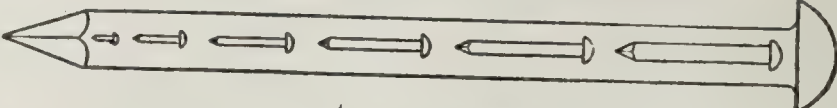
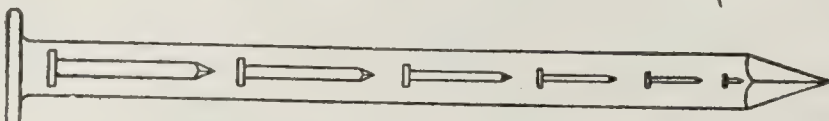


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**SPECIAL WIRE NAILS**

**IN ALL METALS**

**Nails (Barrel)**

See Nails, Box

**10045— Nails (Basket)**

American Steel Co., Park bldg, Pittsburgh, Pa.  
Genesee Tack Co., Rochester, N. Y.  
Grammes L. F. & Sons, Allentown, Pa.  
Townsend C. C. & E. P. Co., New Brighton, Pa.

**10045a—\*Nails (Blue Lathed, Sanitary)**

Youngstown Sheet & Tube Co., Youngstown, O.

**10046— Nails (Box)**

See also Nails, Wire

American Steel Co., Park bldg, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.** (Barbed & Smooth), 208 S La Salle, Chicago, Ill. *See adv index at end of book*  
Belfont Iron Works Co., Ironton, O.  
Cambria Steel Co. (Plain & Barbed), Widener bldg, Phila., Pa.  
Corbin Screw Corporation (Steel Wire), New Britain, Conn.  
Crawfordsville Wire & Nail Co. (Barbed), Crawfordsville, Ind.  
Grammes L. F. & Sons, Allentown, Pa.  
Gulf States Steel Co., Birmingham, Ala.  
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.

Keystone Steel & Wire Co., Peoria, Ill.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
La Belle Iron Works, Steubenville, O.  
Milwaukee Tack Co. (Berry Box, Basket, etc), 27th & Wahl av, Milwaukee, Wis.  
Morgan Spring Co. (Barrel), Worcester, Mass.

Norton Iron Works, Ashland, Ky.  
Philips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.

Stanley Geo. W. Co. (Barrel Only), Belleville, Ill.  
Townsend C. C. & E. P. Co., New Brighton, Pa.

Tremont Nail Co. (Cut), West Wareham, Mass.  
Van Alen & Co. (Cut), Northumberland, Pa.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
Wire Goods Co., Worcester, Mass.  
Youngstown Sheet & Tube Co., Youngstown, O.

**10047—Nails (Brass & Copper)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill. *See adv index at end of book*  
Atlas Tack Co., Fair Haven, Mass.  
Berbecker & Rowland Mfg. Co., Waterville, Conn.  
Clendenin Bros. (Copper), cor Central av & Fawn, Baltimore, Md.  
Grammes L. F. & Sons (Brass), Allentown, Pa.  
Grand Crossing Tack Co., S Chicago, av, & E 79th, Chicago, Ill.

Hassall Jno. (Inc.), (Boat, Slating, etc), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.

Penn Tack Co., Norristown, Pa.  
Rome Brass & Copper Co. (Cut Copper), Rome, N. Y.

Shelton Co., Shelton, Conn.  
Taunton-New Bedford Copper Co. (Copper Only), Taunton, Mass.

Townsend C. C. & E. P. Co., New Brighton, Pa.

Trumbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No 7th, Philadelphia, Pa.

*See adv index at end of book*  
Turner & Seymour Mfg. Co. (Fancy Brass), Torrington, Conn.

Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass. *See adv index at end of book*

**10048— Nails (Broom)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill. *See adv index at end of book*

Belfont Iron Works Co., Ironton, O.  
Grammes L. F. & Sons, Allentown, Pa.  
Townsend C. C. & E. P. Co., New Brighton, Pa.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**10048a— Nails (Car Lining)**

Weather Proofing Nail Co. ("Capnal"), Calvert bldg, Baltimore, Md.

**10049— Nails (Carpet)**

**AMERICAN STEEL & WIRE CO.** ("Peerless," "American" Tacks), 208 S La Salle, Chicago, Ill. *See adv index at end of book*

Corbin Screw Corporation (Steel Wire), New Britain, Conn.

Grammes L. F. & Sons, Allentown, Pa.  
Milwaukee Tack Co. ("Bonita," "Standard," "Leroy," etc), Milwaukee, Wis.

Penn Tack Co., Norristown, Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn.

Waterman R. C. Co., S Hanover, Mass.

**10050— Nails (Casing)**

American Steel Co., Park bldg., Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill. *See adv index at end of book*

Belfont Iron Works Co., Ironton, O.  
Cambria Steel Co., Widener bldg, Phila., Pa.

Crawfordsville Wire & Nail Co., Crawfordsville, Ind.

Gulf States Steel Co., Birmingham, Ala.  
Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.

Keystone Steel & Wire Co., Peoria, Ill.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
La Belle Iron Works, Steubenville, O.

Morgan Spring Co., Worcester, Mass.  
Townsend C. C. & E. P. Co., New Brighton, Pa.

Youngstown Sheet & Tube Co. (Casing & Smooth Box), Youngstown, O.

**10051—Nails (Cement Coated Wire)**

American Steel Co., Park bldg, Pittsburgh, Pa.

Cambria Steel Co. (Coated Wire), Widener bldg, Phila., Pa.

Continental Steel & Supply Co., Fulton bldg, Pittsburgh, Pa.

Eastern Nail Co., Providence, R. I.

Illinois Nail Co., 826 Dix, Chicago, Ill.

Indiana Steel & Wire Co., Muncie, Ind.

Interstate Iron & Steel Co., Grand Crossing, Chicago, Ill. *See adv index at end of book*

Kokomo Nail & Brad Co., Kokomo, Ind.

Middleton Howard W. Co. ("Midco" "Stickers"), 911 Callowhill, Phila., Pa.

Pearson J. C. Co., Old South bldg, Boston, Mass.

Townsend C. C. & E. P. Co., New Brighton, Pa.

Walton & Mackee Nail Co., Kokomo, Ind.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**10052— Nails (Cigar Box)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill. *See adv index at end of book*

Grammes L. F. & Sons, Allentown, Pa.  
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*

Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.

Townsend C. C. & E. P. Co., New Brighton, Pa.

Waterman R. C. Co., S Hanover, Mass.

Youngstown Sheet & Tube Co., Youngstown, O.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

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Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**Nails (Clout)**

See Nails, Trunk, Clout &amp; Finishing



**10054— Nails (Clutch)**

Acme Steel Goods Co., 2834 Archer av.  
Chicago, Ill. *See adv index at end of book*  
American Steel Goods Co., 275 Water, New  
York  
**CARY MFG. CO.** ("Cary's" Patent Twist-  
ed), Nassau & Jay, Brooklyn, N. Y.  
*See adv index at end of book*  
**DE HAVEN MFG. CO.**, 50 Columbia  
Heights, Brooklyn, N. Y.  
Phillips, Townsend & Co., N 4th & Glen-  
wood av, Phila., Pa.

**10055— Nails (Coated)**

Grammes L. F. & Sons, Allentown, Pa.  
Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.  
Youngstown Sheet & Tube Co., Youngs-  
town, O.

**10056— Nails (Corrugated)**

Corrugated Steel Nail Co. (Steel), Spring-  
field, O.  
Grammes L. F. & Sons, Allentown, Pa.  
Penn Tack Co. (Brass, Cobblers', Head-  
less Tapping), Norristown, Pa.  
Phillips E. & Sons (Brass & Iron), South  
Hanover, Mass.  
Rome Brass & Copper Co. (Brass Shoe),  
Rome, N. Y.  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

**10057— Nails (Cut)**

Brooke E. & G. Iron Co. (Black & Gal-  
vanized, Iron or Steel), Birdsboro, Pa.  
Eastern Nail Co., Providence, R. I.  
Holland Mfg. Co., Central av & Bank,  
Baltimore, Md.  
Igoe Bros., Poinier, Newark, N. J.  
Illinois Nail Co., 326 Dix, Chicago, Ill.  
Judson Mfg. Co., 819 Folsom, San Fran-  
cisco, Cal.  
Kelly Nail & Iron Co., Ironton, O.  
La Belle Iron Works, Steubenville, O.  
Lessig Geo. B. Co. (Iron & Steel), Potts-  
town, Pa.  
Malleable Iron Fittings Co. ("M. I. F.  
Co." Zinc Coated Iron), Branford,  
Conn.  
Norton Iron Works, Ashland, Ky.  
Penn Tack Co. (Blue & Tinned), Norris-  
town, Pa.  
Pickering R. S., Sharon Hill, Pa.  
Plymouth Mills, Plymouth, Mass.  
Stanley Geo. W. Co., Belleville, Ill.  
Superior Tack & Nail Co. (Small), Derby,  
Conn.  
Tremont Nail Co., West Wareham, Mass.  
Van Alen & Co. (Iron & Steel), Northum-  
berland, Pa.  
Williamsport Iron & Nail Co. (Iron &  
Steel), Williamsport, Pa.  
Wilson Steel Products Co., 49th & S  
Western av, Chicago, Ill.

**10058—Nails (Double Headed)**

Neider F. A. Co., Augusta, Ky.

**Nails (Electrotypers' & Engravers')**

*See Nails, Small*

**Nails (Finishing)**

*See Nails, Trunk, Clout & Finishing*

**10059— Nails (Foundry)**

American Steel Co., Park bldg, Pitts-  
burgh, Pa.  
Angell Nail & Chaplet Co., Cleveland, O.  
Cambria Steel Co., Widener bldg, Phila-  
delphia, Pa.  
Cleveland Galvanizing Works Co., "Cle-  
galco", 3924 Cooper av, Cleveland, O.  
Gulf States Steel Co., Birmingham, Ala.  
Jones & Laughlin Steel Co., Ross, Pitts-  
burgh, Pa.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
La Belle Iron Works (Large Head), Steu-  
benville, O.  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.  
Wilson Steel Products Co., 49th & S  
Western av, Chicago, Ill.

**10060— Nails (Galvanized)**

American Steel Co., Park bldg, Pittsburgh,  
Pa.

**AMERICAN STEEL & WIRE CO., 208 S.  
La Salle, Chicago, Ill.**

*See adv index at end of book*

Belfont Iron Works Co. (Wire), Ironton, O.  
Brooke E. & G. Iron Co. (Cut), Birds-  
boro, Pa.  
Cambria Steel Co., Widener bldg, Phila-  
delphia, Pa.  
Cleveland Galvanizing Works Co. (Cut)  
3924 Cooper av, Cleveland, O.  
Eastern Nail Co., Providence, R. I.  
Gulf States Steel Co., Birmingham, Ala.  
Keystone Steel & Wire Co., Peoria, Ill.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
Malleable Iron Fittings Co. ("M. I. F.  
Co." Iron & Steel, Cut, Wire & Boat  
Nails, etc), Branford, Conn.  
Pittsburgh Steel Co. (Wire, All Kinds),  
5th av & Grant, Pittsburgh, Pa.  
Townsend Co., New Brighton, Pa.  
Tremont Nail Co. (Cut), West Wareham,  
Mass.  
Wilcox, Crittenden & Co. (Cut, Boat &  
Wire), Middletown, Conn.  
Williamsport Iron & Nail Co., Williams-  
port, Pa.  
Wilson Steel Products Co., 49th & S.  
Western av, Chicago, Ill.  
Youngstown Sheet & Tube Co., Youngs-  
town, O.

**10061—Nails (German Silver)**

Grammes L. F. & Sons, Allentown, Pa.  
Hassall Jno. (Inc.), Clay & Oakland,  
Brooklyn, N. Y.  
*See adv index at end of book*

**10062—Nails (Gilt, Furniture, Etc.)**

Grammes L. F. & Sons, Allentown, Pa.  
Turner & Seymour Mfg. Co., Torrington,  
Conn.

**10063—Nails (Hand Picked)**

Grammes L. F. & Sons, Allentown, Pa.  
Hassall Jno. (Inc.) (For Machine Driv-  
ing), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

**10064— Nails (Hoop)**

American Steel Co., Park bldg, Pittsburgh,  
Pa.

**AMERICAN STEEL & WIRE CO., 208 S  
La Salle, Chicago, Ill.**

*See adv index at end of book*

Belfont Iron Works Co., Ironton, O.  
Cleveland Tack Works, 1303 E 49th, Cleve-  
land, O.  
Genessee Tack Co., Rochester, N. Y.  
Grammes L. F. & Sons, Allentown, Pa.  
Gulf States Steel Co., Birmingham, Ala.  
Igoe Bros., Poinier, Newark, N. J.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
La Belle Iron Works, Steubenville, O.  
Milwaukee Tack Co., 27th & Wahl av,  
Milwaukee, Wis.  
Norton Iron Works, Ashland, Ky.  
Tower Mfg. Co., Elm & Commerce, Cin-  
cinnati, O.  
Townsend Co., New Brighton, Pa.

**10065— Nails (Horse)**

Ausable Horse Nail Co. ("Ausable,"  
"American," "Clinton"), Keeseville,  
N. Y.  
Capewell Horse Nail Co., Hartford, Conn.  
Essex Horse Nail Co. (Ltd.), Essex, N. Y.  
Fowler Nail Co. ("Vulcan," "Reliance,"  
"Shamrock," "Crown"), Seymour,  
Conn.  
Standard Horse Nail Co. ("Brighton,"  
"Russell," "Beaver," "Bright Shear  
Blue," "New Standard," "Leader"),  
New Brighton, Pa.  
Union Horse Nail Co. ("Northwestern"),  
1524 W 22d, Chicago, Ill.

**10066— Nails (Hub Band)**

Atlas Tack Co., Fair Haven, Mass.

**10067— Nails (Hungarian)**

Genessee Tack Co., Rochester, N. Y.

**10068— Nails (Insulated)**

Eureka Supply Co., Sewell, N. J.

**10069— Nails (Lead)**

Hassall Jno. (Inc.), Clay & Oakland,  
Brooklyn, N. Y.  
*See adv index at end of book*

Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

**10070— Nails (Mission)**

Turner & Seymour Mfg. Co. (Cast Brass),  
Torrington, Conn.

**10071—Nails (Nailing Machine)**

Grammes L. F. & Sons, Allentown, Pa.  
Hassall John (Inc.), Clay & Oakland,  
Brooklyn, N. Y.  
*See adv index at end of book*  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

**10072—Nails (Needle Point)**

Grammes L. F. & Sons, Allentown, Pa.  
Superior Tack & Nail Co., Derby, Conn.  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

**10073— Nails (Numeral)**

Berbecker & Rowland Mfg. Co., Water-  
ville, Conn.  
Grammes L. F. & Sons, Allentown, Pa.  
Niagara Falls Metal Stamping Works,  
Niagara Falls, N. Y.  
Turner & Seymour Mfg. Co., Torrington,  
Conn.

**10074— Nails (Oxidized)**

Baltimore Oxidized Nail Co., 215 S Cen-  
tral av, Baltimore, Md.  
Grammes L. F. & Sons, Allentown, Pa.

**Nails (Photo Engravers')**

*See Nails, Electrotypers' & Engravers'*

**10075— Nails (Picture)**

Parker Wire Goods Co. ("Crown" Brass  
Capped), Worcester, Mass.  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.  
Turner & Seymour Mfg. Co., Torrington,  
Conn.  
Turner & Stanton Co. (Gilt & Fancy),  
Norwich, Conn.

**10076—Nails (Roofing & Slating)**

American Steel Co., Park bldg., Pitts-  
burgh, Pa.

**AMERICAN STEEL & WIRE CO.  
(Barbed, Felt, Slating, Shingle, etc),  
208 S La Salle, Chicago, Ill.**

*See adv index at end of book*

Angell Nail & Chaplet Co., Cleveland, O.  
Atlas Tack Co., Fairhaven, Mass.  
Belfont Iron Works Co., Ironton, O.  
Cambria Steel Co. (Felt Roofing, also  
Large Flat Head), Widener bldg,  
Philadelphia, Pa.  
Cleveland Tack Works (Slating), 1303 E  
49th, Cleveland, O.  
Corbin Screw Corporation (Steel Wire;  
also Barbed), New Britain, Conn.  
Crawfordsville Wire & Nail Co. (Barbed),  
Crawfordsville, Ind.  
Crescent Brass & Pin Co. (Roofing only),  
1150 Trumbull, Detroit, Mich.  
Delphos Mfg. Co., (Roofing), 1st & Pierce,  
Delphos, O.  
Gulf States Steel Co., Birmingham, Ala.  
Hassell Jno. (Inc.), (Copper Wire), Clay  
& Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
Hungerford U. T. Brass & Copper Co.  
(Copper & Yellow Metal), 80 Lafay-  
ette, New York  
Hussey C. G. & Co. (Slating Nails), 2856  
2d av, Pittsburgh, Pa.  
Igoe Bros., 69 Metropolitan av, Brooklyn,  
N. Y.  
Jones & Laughlin Steel Co., Ross, Pitts-  
burgh, Pa.  
Keystone Steel & Wire Co., Peoria, Ill.  
Kokomo Steel & Wire Co., Kokomo, Ind.  
La Belle Iron Works, Steubenville, O.  
Malleable Iron Fittings Co. ("M. I. F.  
Co." Zinc Coated Iron), Branford,  
Conn.  
Miller's H. J. Sons (Weatherproof Shin-  
gle), Bridgewater, Mass.  
Milwaukee Corrugating Co. (Jobbers),  
Milwaukee, Wis.  
Milwaukee Tack Co., 27th & Wahl av, Mil-  
waukee, Wis.  
Morgan Spring Co., Worcester, Mass.  
Norton Iron Works, Ashland, Ky.  
Phillips E. & Sons, S Hanover, Mass.  
Phillips, Townsend & Co., N 4th & Glen-  
wood av, Phila, Pa.



Pittsburgh Steel Co. (Large Head), 5th av & Grant, Pittsburgh, Pa.  
 Sherman H. B. Mfg. Co. ("Simplex" Roofing Nails), Battle Creek, Mich.  
 Taunton-New Bedford Copper Co., Taunton, Mass.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend Co., New Brighton, Pa.  
 Tremont Nail Co., West Wareham, Mass.  
 Van Alen & Co., Northumberland, Pa.  
 Weatherproofing Nail Co. ("Capnal" Weather Proofing), 451 North Baltimore, Md.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Wire Goods Co. (Barbed), Worcester, Mass.  
 Youngstown Sheet & Tube Co. (Slating & Barbed Roofing), Youngstown, O.

### 10077—Nails (Rubber Headed)

Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Elastic Tip Co., 370 Atlantic av, Boston, Mass.

### 10078—Nails (Rubber Heel)

Eastern Nail Co., Providence, R. I.

### 10079—Nails (Saddle & Lining)

Atlas Tack Co., Fairhaven, Mass.  
 Enterprise Mfg. Co. ("Pfueger" Harness Spots & Saddle Nails), Akron, O.  
 Gulf States Steel Co., Birmingham, Ala.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Philips, Townsend & Co., N 4th & Glenwood av, Phila, Pa.  
 Shelton Co., Shelton, Conn.  
 Townsend Co., New Brighton, Pa.

### Nails (Screen)

See Nails. Small

### 10080—Nails (Screw Head)

Grammes L. F. & Sons, Allentown, Pa.  
 Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

### 10081—Nails (Self-Clinching)

Self-Clinching Nail Co. ("Self-Clinching" for Hollow Fireproof Construction, etc), 46 N 4th, Phila, Pa.

### 10082—Nails (Sherardized)

Eastern Nail Co., Providence, R. I.

### 10083—Nails (Shingle)

American Steel Co., Park bldg, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Cambria Steel Co. Widener bldg, Philadelphia, Pa.  
 Corbin Screw Corporation, New Britain, Conn.  
 Crawfordsville Wire & Nail Co., Crawfordsville, Ind.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 La Belle Iron Works, Steubenville, O.  
 Maze W. H. Co. (Solid Zinc), Peru, Ill.  
 Miller's H. J. Sons, Bridgewater, Mass.  
 Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.  
 Morgan Spring Co., Worcester, Mass.  
 National Sheet Metal Co. (Zinc), Peru, Ill.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Youngstown Sheet & Tube Co., Youngstown, O.

### 10084—Nails (Shoe)

Atlas Tack Co., Fairhaven, Mass.  
 Churchill & Allen, Lynn, Mass.  
 Clendenin Brothers (Brass & Brass Plated), Baltimore, Md.  
 Cleveland Tack Works, 1303 E 49th (Also Shoe Tacks), Cleveland, O.

Cross W. W. & Co., Brockton, Mass.  
 Diamond Tack & Nail Works, Raynham Center, Mass.  
 Eastern Nail Co. (All Kinds), Providence, R. I.  
 Grammes L. F. & Sons (Wire), Allentown, Pa.  
 Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.  
 Gurney D. B., Whitman, Mass.  
 H. C. Tack Co., Cleveland, O.  
 Hassall Jno. Inc., Clay & Oakland, Brooklyn, N. Y. *See adv index at end of book*  
 Haverhill Tack Co., Haverhill, Mass.  
 Holland Mfg. Co., Central av & Bank, Baltimore, Md.  
 Judson Mfg. Co., 819 Folsom, San Francisco, Cal.  
 Milwaukee Tack Co. (Iron, Steel & Zinc), 27th & Wahl av, Milwaukee, Wis.  
 National Tack Co., East Bridgewater, Mass.  
 Penn Tack Co., Norristown, Pa.  
 Phillips E. & Sons (Also Machine, Shoe, Brass & Copper Shoe), South Hanover, Mass.  
 Roberts G. G. Corp., Whitman, Mass.  
 Rome Brass & Copper Co. (Corrugated Brass), Rome, N. Y.  
 Shelton Co., Shelton, Conn.  
 Stevens & Willis Co., South Braintree, Mass.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Waterman R. C. & Co., So Hanover, Mass.

### 10085—Nails (Small)

See also Tack Manufacturers

**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Atlas Tack Co., Fairhaven, Mass.  
 Belfont Iron Works Co., Ironton, O.  
 Cleveland Tack Works, 1303 E 49th, Cleveland, O.  
 Corbin Screw Corporation, New Britain, Conn.  
 Fuller G. E. & A. I., Keene, N. H.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Gulf States Steel Co., Birmingham, Ala.  
 Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Holland Mfg. Co., Central av & Bank, Baltimore, Md.  
 Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.  
 Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.  
 Phillips E. & Sons (Iron, Steel, Copper, Brass & Zinc), S Hanover, Mass.  
 Rhodes M. M. & Sons Co. (Upholstery), Taunton, Mass.  
 Ripley & Bartlett, Plymouth, Mass.  
 Roberts G. G. Corp., Whitman, Mass.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Shelton Co., Shelton, Conn.  
 Stanley Geo. W. Co., Belleville, Ill.  
 Torrington Mfg. Co. (Furniture), Torrington, Conn.  
 Tower Mfg. Co. (Basket Hoop, etc), Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Tremont Nail Co. (Cut), West Wareham, Mass.  
 Turner & Seymour Mfg. Co. (Furniture, etc), Torrington, Conn.  
 Waterman R. C. & Co., So Hanover, Mass.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 York Tack & Nail Works (Cut), York, Pa.

### 10086—Nails (Socket Corner)

Berbecker & Rowland Mfg. Co., Waterville, Conn.

### 10087—Nails (Special)

American Steel Co., Park bldg, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Belfont Iron Works Co., Ironton, O.  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Gulf States Steel Co., Birmingham, Ala.

Hassall Jno. Inc., (Also Plated), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 La Belle Iron Works, Steubenville, O.  
 Townsend Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

### 10088—Nails (Stay)

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.  
 Hager C. & Sons, Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.

### 10089—Nails (Tie Dating)

Kokomo Steel & Wire Co., Kokomo, Ind.  
 Townsend Co., New Brighton, Pa.  
 Western Railway Equipment Co., Central National Bank bldg, St. Louis, Mo.

### 10090—Nails (Tobacco)

**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Corbin Screw Corporation, New Britain, Conn.  
 Gulf States Steel Co., Birmingham, Ala.  
 Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Norton Iron Works, Ashland, Ky.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Youngstown Sheet & Tube Co., Youngstown, O.

### 10091—Nails (Trunk Clout & Finishing)

American Steel Co., Park bldg, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Atlas Tack Co., Fair Haven, Mass.  
 Belfont Iron Works Co., Ironton, O.  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Cleveland Tack Works, 1303 E 49th, Cleveland, O.  
 Corbin Screw Corporation (Finishing Smooth Steel Wire), New Britain, Conn.  
 Crawfordsville Wire & Nail Co., Crawfordsville, Ind.  
 Diamond Tack & Nail Works, Raynham Center, Mass.  
 Genesee Tack Co., Rochester, N. Y.  
 Gulf States Steel Co., Birmingham, Ala.  
 Holland Mfg. Co., Central av & Bank, Baltimore, Md.  
 Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 La Belle Iron Works, Steubenville, O.  
 Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.  
 Morgan Spring Co., Worcester, Mass.  
 Norton Iron Works, Ashland, Ky.  
 Penn Tack Co., Norristown, Pa.  
 Phillips E. & Sons, South Hanover, Mass.  
 Philips, Townsend & Co., N 4th & Glenwood, Phila., Pa.  
 Shelton Co., Shelton, Conn.  
 Somers Patrick E., Worcester, Mass.  
 Stanley Geo. W. Co., Belleville, Ill.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend Co., New Brighton, Pa.  
 Van Alen & Co. (Cut), Northumberland, Pa.  
 Waterman R. C. Co., So Hanover, Mass.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Wire Goods Co., Worcester, Mass.  
 Youngstown Sheet & Tube Co. (Finishing), Youngstown, O.

### Nails (Upholsterers')

See Tacks, Upholsterers'

### 10092—Nails (Wire)

American Steel Co., Park bldg, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*



Atlantic Steel Co., Atlanta, Ga.  
 Atlas Tack Co. (And Wire Tacks), Fairhaven, Mass.  
 Badger Nail Co., 159 Muskego av, Milwaukee, Wis.  
 Baker Chas. F. & Co., 48 Lincoln, Boston, Mass.  
 Belfont Iron Works Co., Ironton, O.  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Cedarburg Wire & Wire Nail Co. (Sizes 1/4 to 4 in.), Cedarburg, Wis.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Continental Steel & Supply Co. (Cement Coated Common), Fulton bldg, Pittsburgh, Pa.  
 Corbin Screw Corporation (Steel), New Britain, Conn.  
 Crawfordville Wire & Nail Co. (All Sizes), Crawfordville, Ind.  
 Eastern Nail Co., Providence, R. I.  
 Ellwood City Nail Co., Ellwood City, Pa.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grand Crossing Tack Co. (All Sizes), S Chicago av & E 79th, Chicago, Ill.  
 Gulf States Steel Co., Birmingham, Ala.  
 Gurney D. B. (Sizes up to 20 Penny), Whitman, Mass.  
 Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Igoe Bros, 69 Metropolitan av, Brooklyn, N. Y.  
 Illinois Nail Co., 826 Dix, Chicago, Ill.  
 Indiana Steel & Wire Co. (Plain & Cement, Coated), Muncie, Ind.  
**INTERSTATE IRON & STEEL CO.**, Grand Crossing, Chicago, Ill.  
*See adv index at end of book*  
 Janesville Barb Wire Co., Janesville, Wis.  
 Jones & Laughlin Steel Co. (Steel), Ross, Pittsburgh, Pa.  
 Judson Mfg. Co., 819 Folsom, San Francisco, Cal.  
 Kelly Nail & Iron Co., Ironton, O.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Malleable Iron Fittings Co. ("M. I. F. Co." Zinc Coated), Branford, Conn.  
 Milwaukee Tack Co., (Small Only), 27th & Wahl av, Milwaukee, Wis.  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 Nichols Wire Co., 21st & Baltimore, Kansas City, Mo.  
 Norton Iron Works, Ashland, Ky.  
 Parker Wire Goods Co., Worcester, Mass.  
 Philips, Townsend & Co. (All Sizes), N 4th & Glenwood av, Phila., Pa.  
 Pittsburgh Steel Co. 5th & Grant, Pittsburgh, Pa.  
 Plymouth Mills (Small), Plymouth, Mass.  
 Spencer Wire Co., Worcester, Mass.  
 Stanley Geo. W. Co. (Small), Belleville, Ill.  
 Superior Tack & Nail Co., Derby, Conn.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Walton & Macke Nail Co. (Cement Coated), Kokomo, Ind.  
 Washburn Wire Co., Phillipsdale, R. I.  
 Waterman R. C. Co. (Small), South Hanover, Mass.  
 Wickwire Bros., Cortland, N. Y.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Wire Goods Co., Worcester, Mass.  
 Youngstown Sheet & Tube Co., Youngstown, O.

### 10093—Nails (Yellow Metal)

Grammes L. F. & Sons, Allentown, Pa.  
 Taunton-New Bedford Copper Co., Taunton, Mass.

### 10094—Nails (Zinc Coated)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

### 10095—Nails & Studs (Ornamental)

Grammes L. F. & Sons, Allentown, Pa.  
 Yale & Towne Mfg. Co., 9 E 40th, New York

### 10096—Name Plates

Abbott W. H., 143 W 42d, New York  
 American Name Plate Co., 352 Atlantic av, Boston, Mass.  
 Becker August Engraving Co. (Cast), 247 Atlantic av, Boston, Mass.  
 Blake Mfg. Co. (Bicycle, etc), Springfield, Mass.

Brinkerhoff's J. P. Sons, 57 Dey, New York

Buckeye Iron & Brass Wks. (Brass), Dayton, O.

**CHANDLER CO.**, Springfield, Mass.

Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

Cleveland Galvanizing Works Co., Side-walk Brass, 3924 Cooper av, Cleveland, O.

Columbus Brass Co. (Brass & Bronze), 538 Dublin av, Columbus, O.

*See adv index at end of book*

Corbin Cabinet Lock Co. (Wrought, Brass, etc), New Britain, Conn.

Crowe Name Plate & Engraving Co. (Etched), 1749 Grace, Chicago, Ill.

Dent Hardware Co. (Raised or Sunken Letter), Fullerton, Pa.

Dickey-Grabler Co. (All Kinds), 118 Noble ct, Cleveland, O.

Electro Chemical Engraving Co. (Inc.) (Etched), 450 19th, Brooklyn, N. Y.

Everett A. & Son, Auburn, N. Y.

G. & P. Engraving Co., Wollaston, Mass.

Gibbs W. F. Mfg. Co. (Celluloid), Hamden, Conn.

Grammes L. F. & Sons (Cast, Etched, Cut Out, etc), Allentown, Pa.

Haeusermann Metal Mfg. Co., 1100 Brooks av, New York

Hanson C. H. Co., 178 N Clark, Chicago, Ill.

Highton Wm. & Sons Co. (Automobile, etc), Nashua, N. H.

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.

Knight H. W. & Son, Seneca Falls, N. Y.

Kokomo Fence Machine Co. (Aluminum Only), Kokomo, Ind.

Konigsloew E. Stamping & Tool Works, Cleveland, O.

Limerick J. Arthur Co., 960 N Howard, Baltimore, Md.

Matthews Jas. H. & Co. (Stamped, Cast & Etched), 3942 Forbes, Pittsburgh, Pa.

Mayer Geo. J. & Co., Indianapolis, Ind.

Metal Crafters, East Stroudsburg, Pa.

*See adv index at end of book*

Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.

Moise-Klinkner Co., 1212 Market, San Francisco, Cal.

Mulhaupt F. Jos., Lafayette, Ind.

Murdock W. J. Co., 116 Opera pl, Cincinnati, O.

Newark Brass Plate Engraving Co. (Etched), 52 Laurence, Newark, N. J.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.

*See adv index at end of book*

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

Nopier-Browning Co. (Celluloid), 105 W 40th, New York

Norwalk Lock Co., South Norwalk, Conn.

Premier Metal Etching Co., 617 E 18th, New York

Reading Hardware Co., Reading, Pa.

Riley-Klotz Co., Mulberry, Newark, N. J.

Robbins John Mfg. Co., 58 Kneeland, Boston, Mass.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.

Schmidt Geo. T., 136 W Lake, Chicago, Ill.

Shonk Chas. W. Co., Maywood, Ill.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

*See adv index at end of book*

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.

Torrey Roller Bushing Works, Bath, Me.

Turner Brass Works (Brass, Bronze & Aluminum), Sycamore, Ill.

**TYLER W. S. CO.**, Cleveland, O.

*See adv index at end of book*

Union Porcelain Works, 300 Eckford, Brooklyn, N. Y. (Sign & Number Plates, Porcelain)

Wadsworth Engraving Co., Springfield, O.

Western Brass Mfg. Works (In Different Names), Marshall blvd & W 21st, Chicago, Ill.

Wolverine Brass Works, Grand Rapids, Mich.

Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

### 10097—Name Plates (Cement Side-walk)

Dickey-Grabler Co., 118 Noble ct., Cleveland, O.

Imperial Brass Mfg. Co., 524 S Racine, Chicago, Ill.

*See adv index at end of book*

Knight H. W. & Son, Seneca Falls, N. Y.

Kramer Bros. Foundry Co., Dayton, O.

Leggett & Duryea (Brass), Princeton, N. J.

Matthews Jas. H. & Co. (Brass), Pittsburgh, Pa.

Schmidt Geo. T. (Brass), 136 W Lake, Chicago, Ill.

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

### 10098—Name Plates (Telephone)

Dickey-Grabler Co., 118 Noble ct., Cleveland, O.

Electro Chemical Engraving Co. (Inc.) (Etched), 450 19th, Brooklyn, N. Y.

Grammes L. F. & Sons, Allentown, Pa.

Shonk Chas. W. Co., Maywood, Ill.

### 10098a—Naphtha

**DU PONT CHEMICAL WORKS** (Crude, Refined, Heavy, Pale Heavy, Medium, Heavy, Steam Heavy, Crude Heavy & Solvent) 120 B'way, New York

### 10099—Naphtha (Coal Tar)

Barrett Co., 17 Battery pl, New York

National Aniline & Chemical Co., 100 William, New York

### 10100—Naphtha Gas

Sun Co., Finance bldg, Philadelphia, Pa.

### 10101—Naphtha Refiners

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.

Barrett Co., (Naphthaline, 17 Battery pl, New York

Canfield Oil Co., Cleveland, O.

Clarendon Refining Co., Warren, Pa.

Cornplanter Refining Co., Warren, Pa.

Craig Oil Co., Toledo, Ohio

Emery Mfg. Co., Bradford, Pa.

Empire Oil Works, Oil City, Pa.

Germania Refining Co., Oil City, Pa.

Great Western Oil Co., Cleveland, O.

Gulf Refining Co. (Engines, Painters, etc), Frick bldg, annex, Pittsburgh, Pa.

Indian Refining Co., 44 Whitehall, New York

International Refining Co., Tulsa, Okla.

Louisiana Oil Refining Co., Shreveport, La.

Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.

Mutual Refining Co. (Ltd.), Warren, Pa.

National Refining Co., Cleveland, O.

Paragon Refining Co., Toledo, O.

Pennsylvania Paraffine Works, Titusville, Pa.

Pennsylvania Refining Co., Karns City, Pa.

Pure Oil Co., Lafayette bldg, Phila., Pa.

Southern Oil Corp., Tulsa, Okla.

Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.

Standard Oil Co. of N. J., 26 B'way, New York

Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York

Sun Co. (56 Gravity Deodorized), Finance bldg, Phila., Pa.

Sunlight Oil & Gasoline Co., 49th & Gray's av, Phila., Pa.

Texas Co. ("Texaco," Safety Varnish), 17 Battery pl, New York

Union Petroleum Co., Widener bldg, Philadelphia, Pa.

Warren Refining Co., Warren, Pa.

Waverly Oil Works Co., Pittsburgh, Pa.

### 10102—Naphtha (Solvent)

Barrett Co., 17 Battery pl, New York

Bayway Chemical Co., Elizabeth, N. J.

Semet-Solvay Co., Syracuse, N. Y.

United Gas Improvement Co., Phila., Pa.

### 10103—Naphthalene

Agawam Chemical Works, (Dinitro), Grosvenor bldg, Providence, R. I.

Bischoff C. & Co. (Imp), 451 Wash'n, New York



Du Pont Chemical Works, 120 B'way, N. Y.  
Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*  
National Aniline & Chemical Co. (Imp.), 100 William, New York  
Roessler & Hasslacher Chemical Co. (Flake, Ball & Crystal), 100 William, New York  
Semet-Solvay Co. (Solvent), Syracuse, N. Y.  
United Gas Improvement Co., No. Broad & Arch, Philadelphia, Pa.  
White Tar Co., John & Cliff, New York

**10104—Naphthalizarine**

Bischoff C. & Co. (Imp), 451 Washington, New York

**10105—Naphthol (Manufacturers & Importers)**

Beckers W. Aniline & Chemical Works (Mfrs.), E 83d, Brooklyn, N. Y.  
Farbwerke-Hoechst Co., 122 Hudson, New York  
Sykes W. F. & Co., 85 Water, New York

**10106—Nebulizers**

Globe Mfg. Co., Battle Creek, Mich.  
Holland Instrument Corp., 2314 N 11th av, Phila., Pa.  
Whitall, Tatum Co., 410 Race, Phila., Pa.

**10107—Neck Yokes**

Adams E. B. & Son ("Adams" Safety), Racine, Wis.  
Avery B. F. & Sons, Louisville, Ky.  
Baltimore Hub-Wheel & Mfg. Co., Falls-way & Gy., Baltimore, Md.  
Buckeye Handle, Gear & Bending Co., Alliance, O.  
Burroughs-Ross-Colville Co., McMinnville, Tenn.  
Campbell & Dann Mfg. Co., Tullahoma, Tenn.  
Canfield Mfg. & Novelty Co., Canfield, O.  
Carriage Woodstock Co., Owensboro, Ky.  
Collins Hilton Co., Louisville, Ky.  
Columbiana Mfg. Co., Columbiana, O.  
Conn A. H. ("Conn's Mountaineer," "Little Giant," "Iron Clad"), Cedar Rapids, Ia.  
Covert Saddlery Works, Interlaken, N. Y.  
Crane & MacMahon (Inc.), 10 Bridge, New York  
Crook Son & Co., Hicksville, O.  
Fort Smith Rim & Bow Co., Fort Smith, Ark.  
Gillette C. H., Indianapolis, Ind.  
Gillette W. H. Mfg. Co., Louisville, Ky.  
Graham Thos. & Co., Madison, Ind.  
Hartwell C. L. & Co., Chicago Heights, Ill.  
Harvey Spring & Forging Co. (Wagon & Plow), Racine, Wis.  
Heider Mfg. Co., Carroll, Ia.  
Heiser J. B., Atwater, O.  
Herschel R. Mfg. Co., Peoria, Ill.  
Imperial Bit & Snap Co., Racine, Wis.  
Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.  
Lack Singletree Co. ("Noxall," "National"), Paducah, Ky.  
Lamb-Fish Lumber Co., Charleston, Miss.  
Lebzelter P. & Son Co., Lancaster, Pa.  
Leonard F. B. & Co., Metropolis, Ill.  
Lindsay Mfg. Co., Ottumwa, Ia.  
Medina Bending Works, Medina, O.  
Metropolis Bending Co., Metropolis, Ill.  
National Neck Yoke Co., ("Pearson," "National," "Rock Island," "Shuman"), Rock Island, Ill.  
Nixdorff, Krein Mfg. Co., St. Louis, Mo.  
North Indianapolis Cradle Works, Indianapolis, Ind.  
Oshkosh Mfg. Co., Oshkosh, Wis.  
Peterson Samuel, Warren, Pa.  
Phipps J. H. Lumber Co., Fayetteville, Ark.  
Prouty C. & Co. ("Jockey"), Eldred, Pa.  
Racine General Mfg. Co. ("Honest John"), Racine, Wis.  
Racine Malleable & Wrought Iron Co., Racine, Wis.  
Reno Mfg. Co. ("New Era," "Express," "Torpedo" Wagon, Buggy, etc), Erie, Pa.  
Sequatchie Handle Works, Sequatchie, Tenn.  
Sharon Steel Hoop Co. ("Danielson" Pressed Steel), Youngstown, O.  
Sheldon Handle Co., Kinzua, Pa.  
Shrauger & Johnson, Atlantic, Ia.  
Shupp S., Effort, Pa.

Sidney Pole & Shaft Co., Sidney, O.  
Sieg Co., Davenport, Ia.  
Spencer Mfg. Co., Spencer, Ind.  
Stevens A. E. & Co., Portland, Me.  
Tanner D. F., Holland, N. Y.  
Titusville Handle Co., Titusville, Pa.  
Toledo Bending Co., Toledo, O.  
Toledo Carriage Woodwork Co., Toledo, O.  
Towers & Sullivan Mfg. Co., Rome, Ga.  
Turnbull Wagon Co. (Hickory Wagon Sets), Defiance, O.  
Turner, Day & Woolworth Handle Co., Louisville, Ky.  
Union Bending Works, Collins, O.  
United States Pressed Steel Co. (Pressed Steel), Ypsilanti, Mich.  
Vehicle Supply Co., Cairo, Ill.  
Von Beoren Mfg. Co., Evansville, Ind.  
Westwood Turning Co., Fremont, O.  
Wildermuth Bending Co., Columbus, O.

**Needle Mfrs.**

*See also Needles, Various Kinds, under head of Textile Machinery, Supplies, etc.*

**10108—Needles (Bag or Sack)**

Barr Bros. Co. (Hand Made), Oakland, Cal.  
Berbecker & Rowland Mfg. Co., Waterville, Conn.

**10108a—Needles (Belt Lacing Machine)**

Simmons Mfg. Co., 77th & Lyons av, Philadelphia, Pa.

**10109—Needles (Broom)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.  
Hyde Mfg. Co., Southbridge, Mass.

**10110—Needles (Carpet)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.

**10111—Needles (Darning)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.

**10112—Needles (Hand Sewing)**

Lightning Needle Co., 564 Broadway, New York

**10113—Needles (Harness)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.

**10114—Needles (Hypodermic, Dental, Etc.)**

National Thermometer Co., 125 E 23d, New York  
Randall-Faichney Co. ("R. & B." "Chimax," "Imperial"), Boston, Mass.  
Tagliabue Chas. J. Mfg. Co., 20-33rd, Brooklyn, N. Y.  
Weinhagen Henry, 159 Leonard, New York

**10114a—\*Needles (Knitting, Wooden)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**Needles (Mining)**

*See Miners' Needles & Scrapers*

**10115—Needles (Packing)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.

**Needles (Phonograph)**

*See Needles, Talking Machines*

**Needles (Sewing Machine)**

*For page of this trade see index of contents*

**10116—Needles (Talking Machine)**

B. & H. Fibre Mfg. Co. (Fibre), 35 W. Kinzie, Chicago, Ill.  
Dean Jno. M. Corp., Putnam, Conn.

Paddock-Williamson Co., 1836 Euclid av, Cleveland, O.  
Valvatone Wood Needle Co., Kansas City, Mo.  
Victor Talking Machine Co., Camden, N. J.

**10117-8—Needles (Upholsterers')**

Berbecker & Rowland Mfg. Co., Waterville, Conn.

**Nets (Arc Globe)**

*See Guards, Electric Lamp*

**10119—Nets (Fish Landing)**

Meisselbach A. F. & Bros. ("Harrimac" Steel Collapsing," "Our Own," "I-D-L"), 29 Congress, Newark, N. J.  
St. Charles Net & Hammock Co., St. Charles, Ill.  
Young Carlos G. ("Barnes" Folding) 320 Market, San Francisco, Cal.

**10120—Nets (Life Saving)**

Combination Ladder Co. ("Manhattan"), 366 Fountain, Providence, R. I.  
Cory-Patterson Mfg. Co. ("Browder"), Greenfield, O.  
Hayward S. F. & Co. ("Hayward," "Atlas," "Bonner," "Empire"), 250 W 54th, New York  
Woodhouse Mfg. Co., 64 W B'way, New York

**10121—Netting (Mosquito)**

Adams Mfg Co., Shelton, Conn.  
Cutler Mills Co., Packer, Conn.  
Gage John S. (Head Nets for Mosquitoes), 510 B'way, New York  
Leather Geo. E., 1543 Ruan, Philadelphia, Pa.  
Lindley Mfg. Co., Tusculum & A, Philadelphia, Pa.  
McLean Andrew Co., Passaic, N. J.  
North Scituate Cotton Mills, N. Scituate, R. I.  
Palmer I. E. Co., Middletown, Conn.  
Thompson Jas. & Co., Valley Falls, N. Y.  
Westerly Textile Co., Westerly, R. I.

**10122—Neutralizer (Electric)**

Chapman Electric Neutralizer Co. ("Chapman," to Remove Static Electricity) Portland, Me.  
Portland Co. ("Chapman" Process), Portland, Me.  
United Printing Machinery Co. ("Chapman," Sole U. S. Selling Agents), 100 Summer, Boston, Mass.

**10123—Nickel (Aluminized)**

New Era Mfg. Co., Kalamazoo, Mich.

**10124—Nickel Chloride**

Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

**10125—Nickel (Electrolytic)**

American Smelting & Refining Co., 120 B'way, New York  
International Nickel Co., 43 Exchange pl, New York  
Raritan Copper Works, 42 B'way, New York

**10126—Nickel Mfrs.**

Daft A. C. (Mfrs. Agent), Oliver bldg, Pittsburgh, Pa.  
Driver-Harris Co., (Sheet, Wire & Ribbon), Harrison, N. J.  
International Nickel Co., 43 Exchange pl, New York  
United States Nickel Co. (Cube Nickel), New Brunswick, N. J.

**10127—Nickel Sulphate**

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York  
Harshaw, Fuller & Goodwin Co., Guardian bldg, Cleveland, O.  
United States Metals Refining Co., 120 B'way, New York

**10128—Nickeloid, Copperoid, Brassoid & Steeloid**

American Nickeloid Co. (Nickelized Sheet Steel, Zinc, Copper, Brass, etc), Peru, Ill.



### 10129—Nicolene, Copperene, Brassene, Nickeltin, Brasstin & Coppertin

National Sheet Metal Co. (Nickelized Sheet Zinc, Tin Plate, Steel, Copper, Brass, etc), Peru, Ill.

### 10129a—Nicolene (Nickel Plated Zinc Sheets)

National Sheet Metal Co., Peru, Ill.

### 10130—Nicotine Solutions & Tobacco Extracts

Kentucky Tobacco Product Co., Louisville, Ky.

### 10131—Nigrosine

American Synthetic Color Co., Stamford, Conn.

Badische Co., 128 Duane, New York

Farbwerke, Hoechst Co., 122 Hudson, New York

Heller & Merz Co., 505 Hudson, New York

Jamaica Dyewood & Chemical Co., 50 Church, New York

National Aniline & Chemical Co., 100 William, New York

Seydel Mfg. Co., Jersey City, N. J.

### 10132—Nippers (Bicycle)

STARRETT L. S. CO. (Adjustable Jaw), Athol, Mass. *See adv index at end of book*

Utica Drop Forge & Tool Co., Utica, N. Y.

### 10133—Nippers (Blacksmiths')

Buffum Tool Co. ("Swastika" Hoof Paring, Nail Cutting etc), South Side, Louisiana, Mo.

Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

Smith H. D. & Co. ("W. D. W.", Drop Forged), Plantsville, Conn.

Starr-Nettleton Mfg. Co., East Hampton, Conn.

Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

Washington Tool Co. ("Larsons"), Owatonna, Minn.

### 10134—Nippers (Champagne)

Osborne C. S. & Co., Harrison, N. J.

Ray Geo. A. Mfg. Co. (Pliers & Nippers), Buffalo, N. Y.

### 10135—Nippers (End Cutting)

*See also Pliers*

Bridgeport Hardware Mfg. Corp. ("Heracles"), Bridgeport, Conn.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Champion Tool Co. ("Champion"), Meadville, Pa.

Cronk & Carrier Mfg. Co., Elmira, N. Y.

Hotchkiss T. D. Co. ("Todd"), Deep River, Conn.

Irrington Mfg. Co., Irvington, N. J.

Jones Eli & Sons ("Jones" Hoof), Luverne, Minn.

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

Osborne C. S. & Co., Harrison, N. J.

Peck, Stow & Wilcox Co., Southington, Conn.

Schulhorn Wm. Co. ("Bernard"), New Haven, Conn.

Smith Otis A. (End Cutting), Rockfall, Conn.

SMITH & HEMENWAY CO. ("Red Devil"), 76 Chambers, New York

*See adv index at end of book*

Starr-Nettleton Mfg. Co. ("Nettleton" Reversible), East Hampton, Conn.

STARRETT L. S. CO. (Adjustable Jaw), Athol, Mass. *See adv index at end of book*

Utica Drop Forge & Tool Co. ("Hall's", "Bull Dog" "Utica"), Utica, N. Y.

Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

Williams A. C. Co., Ravenna, O.

### 10136—Nippers (Fruit)

Krauter & Co., 583 18th av, Newark, N. J.

### Nippers (Hoof)

*See Parers, Hoof*

### 10137—Nippers (Manicure)

Forquignon Emile, 377 4th av, New York

### 10138—Nippers (Tinnners', Etc.)

*See also Nippers, End Cutting*

Hotchkiss T. D. Co. ("Todd's"), Deep River, Conn.

Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.

*See adv index at end of book*

Osborne C. S. & Co., Harrison, N. J.

Robinson M. W. Co. ("Carew's"), 88 White, New York

Smith Otis A., Rockfall, Conn.

SMITH & HEMENWAY CO., 76 Chambers, New York *See adv index at end of book*

Starr-Nettleton Mfg. Co., East Hampton, Conn.

Wusterbarth Bros., Meriden, Conn.

### 10139—Nippers (Trout)

Marble Arms & Mfg. Co. ("Marble's"), Gladstone, Mich.

### Nippers (Wire)

*See Pliers & Nippers*

### 10140—Nipple Threaders (Ceiling)

ARMSTRONG MFG. CO., 278 Knowlton, Bridgeport, Conn.

*See adv index at end of book*

### 10141—Nipples (Gun)

Hartley M. Co., 233 B'way, New York

Lau J. H. & Co., 75 Chambers, New York

Schoverling, Daly & Gales (Dealer), 302 B'way, New York

### 10142—Nipples (Hose)

Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.

American Brass & Copper Co., 138 Lafayette, New York

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

American Safety Lamp & Mine Supply Co., Scranton, Pa.

Boston Woven Hose & Rubber Co., Cambridge, Mass.

Callahan Cornelius Co., 127 Purchase, Boston, Mass.

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Dayton Malleable Iron Co. (Air Brake, Signal, Steam & Water), Dayton, O.

Detroit Brass Works, Detroit, Mich.

Elkhart Brass Mfg. Co., Elkhart, Ind.

Exeter Brass Works, Exeter, N. H.

Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.

Hayward S. F. & Co., 250 W 54th, New York

Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

*See adv index at end of book*

Jiffy Fire Hose Rack Co., 727 7th av, New York

Justs' Edmunds Sons, 48 Dickerson, Newark, N. J.

Knox Mfg. Co. (Pneumatic Hose), 821 Cherry, Philadelphia, Pa.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

McNab & Harlin Mfg. Co., 55 John, New York

McRAE & ROBERTS CO., 227 Campbell av, Detroit, Mich.

*See adv index at end of book*

McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.

Morse A. J. & Son, 221 High, Boston, Mass.

Powell Wm. Co. (Brass), Cincinnati, O.

Queen City Brass & Iron Works, Cincinnati, O.

Roberts Brass Mfg. Co., Detroit, Mich.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Standard Brass & Iron Works (for Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.

Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.

Walworth Mfg. Co., Boston, Mass.

Wolverine Brass Works, Grand Rapids, Mich.

### 10143—Nipples (Long Screws & Followers)

National Tube Co., Frick bldg., Pittsburgh, Pa. *See adv index at end of book*

### 10144—Nipples (Pipe)

Acheson Mfg. Co. (Brass), Rankin, Pa.

Chicago Nipple Mfg. Co. (Wrought Iron), 908 W Lake, Chicago, Ill.

Crane Co., Bridgeport, Conn.

CRESSMAN N. C. CO., (Brass, Steel & Iron), Drexel bldg., Phil., Pa.

General Fire Extinguisher Co., Providence, R. I.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

*See adv index at end of book*

Jarecki Mfg. Co. (Brass & Iron), Erie, Pa.

Kelly & Jones Co. (Wrought Iron, Brass, etc), 135 Water, Pittsburgh, Pa.

Liberty Iron Pipe & Nipple Works, 138 Center, New York

Limbert Geo. B. & Co. (Malleable Iron, etc), 558 Fulton, Chicago, Ill.

LUNKENHEIMER CO. (Brass), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

McNab & Harlin Mfg. Co., 55 John, New York

Morse A. J. & Son, 221 High, Boston, Mass.

National Tube Co. (Brass, Malleable & Wrought Casing, "R. & L." Hexagon, Tank, etc), Frick bldg., Pittsburgh, Pa. *See adv index at end of book*

Newark Tube & Metal Works (Small Sizes), 560 Ferry, Newark, N. J.

Pfaff & Kendall (Wrought Iron), Ferry & Foundry, Newark, N. J.

Powell Wm. Co. (Brass), Cincinnati, O.

Rex-Harris Fire Appliance Co. (Brass), 39 E 19th, New York

Richardson Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.

Wilder Sidney & Co. (Brass), Holliston, Mass.

### 10145—Nipples (Radiator)

Flagg Stanley G. & Co., Morris bldg., Phila., Pa.

Haydenville Co., Haydenville, Mass.

McRae & Roberts Co., 229 Campbell av, Detroit, Mich.

*See adv index at end of book*

Morse A. J. & Son, 221 High, Boston, Mass.

National Malleable Castings Co., 7706 Platt, S E, Cleveland, O.

National Radiator Co. (Non-Corrosive Malleable Iron Push), Johnstown, Pa.

Pratt Chuck Co., Frankfort, N. Y.

*See adv index at end of book*

Simmons Pipe Bending Works, 110 Centre, New York

Wolverine Brass Works, Grand Rapids, Mich.

### 10146—Nipples (Reducing)

Haydenville Co., Haydenville, Mass.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.

*See adv index at end of book*

Simmons Pipe Bending Works, 110 Centre, New York

Wolverine Brass Works, Grand Rapids, Mich.

### Nipples (Soldering)

*See Unions & Nipples, Soldering*

### 10147—Nipples (Zinc Coated, Steel Slip)

Pratt Chuck Co., Frankfort, N. Y.

### 10148—Nitrate

Butterworth-Judson Co. (Ammonia, Iron, etc), Passaic River, Newark, N. J.

General Chemical Co. (Iron & Copperas), 25 Broad, New York

Grace Wm. R. & Co., 7 Hanover sq, New York

Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.

Merrimac Chemical Co. (Iron & Copper), 148 State, Boston, Mass.

Seldner & Enequist (Iron), 86 Hausman, Brooklyn, N. Y.

Tennant C Sons & Co. of New York (Imp.) (Ammonia & Lead, etc), 100 William, New York



Wiarda John C. & Co. (Potash, Silver, Soda, etc., Jobbers), 273 Greene, Brooklyn, N. Y.

### 10148a—Nitrate of Aluminum

Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

### 10149—Nitrate of Copper

Merrimac Chemical Co., 148 State, Boston, Mass.

### 10150—Nitrate of Iron

Merrimac Chemical Co., 148 State, Boston, Mass.

### 10151—Nitrate of Lead

Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, N. Y.

### 10152—Nitrate of Nickel

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

### 10153—Nitrate of Potassium (Salt-petre)

See also Salpetre

du PONT E. I. de NEMOURS & CO. (Conforms strictly to U. S. Government Standard of Purity), Wilmington, Del.

For branch offices see adv index at end of book

### 10154—Nitrate of Silver

Drakenfeld B. F. & Co. (Imp.), 50 Murray New York

### 10155—Nitrate of Soda

American Agricultural Chemical Co. (Imp.), 2 Rector, New York

Armour Fertilizer Works, U. S. Yards, Chicago, Ill.

Baker H. J. & Bro. (Imp.), 81 Fulton, New York

Buffalo Fertilizer Works, Marine Bk. bldg, Buffalo, N. Y.

Ducas B. P. Co. (Imp.), 25 S William, New York

Grace Wm. R. & Co. (Imp.), 7 Hanover sq. New York

Grasselli Chemical Co. (Exporters & Importers), Guardian bldg, Cleveland, O.

Harrison Inc. (of Lead & Soda), 35th & Gray's Ferry rd, Philadelphia, Pa.

Heller, Jos. S. (Brokers), 62 William, New York

Hercules Powder Co., Wilmington, Del.

See adv index at end of book

Knowles-Bradley Co., 88 Wall, New York

Lang J. M. & Co. (Brokers), Savannah, Ga.

New Orleans Acid & Fertilizer Co., Gretna, La.

Nitrate Agencies Co. (Imp.), 102 Pearl, New York

Raritan Chemical Works, 8 W 40th, New York

Royster F. S. Guano Co., Norfolk, Va.

Standard Guano & Chemical Mfg. Co., New Orleans, La.

Swift & Co., Union Stock Yards, Chicago, Ill.

Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York

Tupelo Fertilizer Factory (Imported), Tupelo, Miss.

Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.

Wessel, Duval & Co. (Direct Importers), 25 Broad, New York

### 10156—\*Nitrate of Soda (Crude & Refined)

du PONT E. I. de NEMOURS & CO. Wilmington, Del.

For branch offices see adv index at end of book

### 10157—Nitrate of Strontium

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

### 10157a—\*Nitrators (Aniline)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

### 10158—Nitrators (Nitro-Glycerine)

Luther Mfg. Co., Olean, N. Y.

### 10158a—\*Nitrators (Picric Acid)

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

### 10159—Nitre

Drakenfeld B. F. & Co. (Imp.), 50 Murray New York

Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

### 10160—Nitre Cake

Contact Process Co., Buffalo, N. Y.

du PONT E. I. de NEMOURS & CO. (Special By-Product Division), Lump

& Ground, Sodium Acid Sulphate, a fused salt readily soluble in

hot water, containing approximately 32% available sulphuric acid, used as a

substitute for sulphuric acid. Used for acidifying Soap Stock (Patent Ap-

plied for), Acid Wash, Regenerating Plaster, Acidifying Phosphatic Fertil-

izers, Manufacture of Live Stock Conditioners, Bleaching Paper Pulp, Pre-

paring Muriatic Acid, Acidifying Naphtholates, Grease Recovery, Car-

bonizing (in Shoddy Mills), Flux, Flo-tation of Ores, Pickling (in Tanning),

Removing Feces and Ferric Oxides, Removing Oxides and Scale (Patent

Process), Defiberizing Rubber Stock, Substitute for Cream of Tartar,

Preparing Sulphates, Acidifying Phenolates, Acid Grease Wash, Sour-

ing (in Textile Mills), Acid Dye Bath, Cyanide Process, Leaching of Ores,

One Bath Chrome Process (in Tanning), Wilmington, Del.

HERCULES POWDER CO., Wilmington, Del.

See adv index at end of book

Riverside Acid Works, Warren, Pa.

### 10160a—\*Nitric Acid Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.

See adv index at end of book

### 10161—Nitrobenzol

Calco Chemical Co., Bound Brook, N. J.

Chemical Co. of America (Mfrs.), 320 B'way, New York

du Pont Chemical Works, 120 B'way, New York

Klipstein A. & Co. (Imported), 644 Greenwich, New York

Montcalm Chemical Wks., Indianapolis, Ind.

Seydel Mfg. Co., 88 Forrest, Jersey City, N. J.

10162—Nitrocellulose

DU PONT CHEMICAL WORKS (Pyroxylyn or Soluble Cotton), 120 B'way, New York

Hercules Powder Co., Wilmington, Del.

See adv index at end of book

Maas & Waldstein Co., 92 William, New York

Wright Chemical Co., 38 Park Row, New York

10163—Nitroglycerin

du Pont E. I. de Nemours & Co. (Solidified & Liquid), Wilmington, Del.

For branch offices see adv index at end of book

Hercules Powder Co., Wilmington, Del.

See adv index at end of book

### 10164—Noils (Ramie)

Wolf W. & Sons (India & China Cotton Silk), 549 Atlantic av, Boston, Mass.

### 10165—Notches (Cinder)

Keystone Bronze Co., Pittsburgh, Pa.

### Novelties (Aluminum)

See Firms in Metal Novelties & Specialties with the Word Aluminum Following their Name

### 10166—Novelties (Silver & Silver Plated)

\*Indicates Plated Ware

Averbeck M. J., 10 Maiden la, New York

Baker-Manchester Mfg. Co., 100 Stewart, Providence, R. I.

Barrows H. F. & Co., North Attleboro, Mass.

\*Bass E. & J. (Toilet), 610 B'way, New York

Bassett Jewelry Co., 101 Sabin, Providence, R. I.

Battin & Co., 106 Ogden, Newark, N. J.

Bechard Mfg. Co., 706 Townsend, Chicago, Ill.

Bens Wm. Co., 7 Beverly, Providence, R. I.

Blackinton R. & Co., North Attleboro, Mass.

\*Bliss E. A. Co., Meriden, Conn.

\*Carr M. W. & Co., Somerville, Mass.

Carter, Gough & Co., 9 Maiden la, New York

Coddling & Heilborn Co., North Attleboro, Mass.

Cottle S. Co., 31 E. 17th, New York

Deitsch Bros., 14 E 17th, New York

\*Deitsch I. N. (Photo Frames), 1239 Madison av, New York

Dominick & Haff, 545 W 23d, New York

\*Eastwood-Park Co. (Toilet Specialties), 102 Murray, Newark, N. J.

Feeley Wm. J. Co., 169 So Angell, Providence, R. I.

Fessenden & Co., 100 Friendship, Providence, R. I.

Finck & Oldroyd, Elizabeth, N. J.

\*Fishel-Nessler Co., 184 5th av, New York

Ford-Perry Co., 70 Ship, Providence, R. I.

Foster Theo. W. & Bro. Co., 100 Richmond, Providence, R. I.

Fradley J. F. & Co., 312 E. 32d, New York

\*Groveman J. (Cane & Umbrella Mounts), 119 Franklin, New York

Hamilton & Hamilton Jr., Providence, R. I.

Harper W. E. Co., New Britain, Conn.

Hoffman F. S. & Co., 223 E 23d, New York

\*†International Silver Co., 48 State, Meriden, Conn.

\*Jennings Silver Co. (Toilet), Irvington, N. J.

\*Jones A. H. Co., Meriden, Conn.

Kirk Samuel & Son Co., 108 E. Baltimore, Baltimore, Md.

\*Kronheimer & Oldenbusch Co., (Photo Frames), 362 5th av, New York

La Pierre Mfg. Co., Newark, N. J.

Lederer S. & B. Co., 100 Stewart, Providence, R. I.

\*Meriden Silver Plate Co. (Branch of International Silver Co.), Meriden, Conn.

Merrill Bros. Co., 22 Greene, Newark, N. J.

Nussbaum & Hunold, 14 Blount, Providence, R. I.

Ortner Jno. E. & Co. (Bag Frames), 481 Washington, Newark, N. J.

Oskamp Nolting & Co., 30 W 7th, Cincinnati, O.

Park City Silverware Co., Bridgeport, Conn.

Paye & Baker Mfg. Co., North Attleboro, Mass.

Riley & French, North Attleboro, Mass.

Royal Mfg. Miller-Hoefer Co., 89 Jefferson av, Detroit, Mich.

Schimper Wm. & Co., Hoboken, N. J.

Schmitz, Moore & Co., 401 Mulberry, Newark, N. J.

Shabeck John C. L., 245 W Exchange, Providence, R. I.

Stern Louis & Co. (Bags), Metcalf bldg, Providence, R. I.

Strobell & Crane, 33 E Kinney, Newark, N. J.

Unger Bros., 416 Halsey, Newark, N. J.

Vanderbilt Clarence A., 344 W 38th, New York

Wallace R. & Sons Mfg. Co., Wallingford, Conn.

\*Wallingford Co., Wallingford, Conn.

Watson Co., Attleboro, Mass.

Webster Co., North Attleboro, Mass.

\*Weidlich Bros. Mfg. Co., Bridgeport, Conn.

Wendell & Co., 337 W Madison, Chicago, Ill.

Whiting F. M. & Co., North Attleboro, Mass.

Whiting & Davis Co., Plainville, Mass.

Woodside Sterling Co., 170 B'way, New York



**10166a—\*Novelties (Wooden)**

See also Advertising Novelties & Specialties

Estes E. B. & Sons, 358 5th av, New York  
See adv index at end of book

**10166b—\*Novelty Footwear Materials**

Du Pont Fabrikoid Co. (Leather Type),  
Wilmington, Del.

For branch offices see adv index at end of book

**10166c—Novelty Manufacturers' Materials**

Du Pont Fabrikoid Co. (Leather Type),  
Wilmington, Del.

For branch offices see adv index at end of book

**10167—\*Nozzles (Air)**

**LUNKENHEIMER CO.**, Executive Offices  
& Factories: Beekman & Waverly,  
Cincinnati, O.

See adv index at end of book

**10168—Nozzles (Air Washing & Humidifying)**

Spray Engineering Co. ("Spraco"), 93  
Federal, Boston, Mass.

**10169—Nozzles (Asphalt Spraying)**

Morse A. J. & Son, 221 High, Boston,  
Mass.

Spray Engineering Co. ("Spraco"), 93  
Federal, Boston, Mass.

**Nozzles (Black Lead)**

See Nozzles, Plumbago

**10170—Nozzles (Blast)**

Schutte & Koerting Co. (For Chimneys),  
1251 N 12th, Phila., Pa.

**10171—Nozzles (Chemical)**

Callahan Cornelius Co. ("Jackson"), 127  
Purchase, Boston, Mass.

Morse A. J. & Son, 221 High, Boston,  
Mass.

Rex-Harris Fire Appliance Co., 39 E 19th,  
New York

Sieben Chemical Spraying Nozzle Co.  
("Fire King"), Kansas City, Mo.

**10172—Nozzles (Fire Boat & Hose Wagon)**

Loeffelholz Co., Milwaukee, Wis.

Morse A. J. & Son, 221 High, Boston,  
Mass.

Wheaton A. W. Brass Works ("Newark"),  
21 R. R. pl, Newark, N. J.

**10173—Nozzles (Flanged Boiler, Forged Steel)**

**AMERICAN SPIRAL PIPE WORKS**, Chi-  
cago, Ill. See adv index at end of book

Kellogg M. W. Co., 90 West, New York  
See adv index at end of book

**Ryerson Jos. T. & Son ("Horsley")**, 2558 W  
16th, Chicago, Ill.

**10174—Nozzles (Hose)**

American Brass & Copper Co., 133 Lafay-  
ette, New York

American Foundry & Mfg. Co., 11th &  
Herbert, St. Louis, Mo.

American Safety Lamp & Mine Supply Co.,  
Scranton, Pa.

Anderson Coupling & Fire Supply Co.  
(Combination), Kansas City, Kans.

Anderson G. A. Mfg. Co. ("Anderson"),  
Bush & Russell, Baltimore, Md.

Boston Coupling Co. ("Haley"), 156 Pearl,  
Boston, Mass.

Boston Woven Hose & Rubber Co. ("Bos-  
ton," "Eclipse," "Stanley Jr.," "Fairy,"  
"Daisy," "Deluge," "Hot House"),  
Cambridge, Mass.

Buckeye Iron & Brass Works (Hose  
Pipe), Dayton, O.

Callahan Cornelius Co. ("Callahan" Shut-  
Off, Fire Hose, etc), 127 Purchase,  
Boston, Mass.

Central Brass Stamping Co. ("Central,"  
"Little Monitor," "Universal"), Peoria,  
Ill.

Clark W. J. Co., Salem, O.  
Clay Jno. H., 1320 Ridge av, Phila., Pa.  
Crane Co. (Est. 1855), 836 S Michigan av,  
Chicago, Ill.

For branch offices see adv index at end of book

Crane Co. ("Gem"), Bridgeport, Conn.

Eastman Samuel Co., East Concord, N. H.

Elkhart Brass Mfg. Co. ("Firearms Pet,"  
"Elk," Shut-Off), Elkhart, Ind.

Fabric Fire Hose Co., 127 Duane, New  
York

Farnam Brass Works Co., 1105 Center,  
Cleveland, O.

Fries & Co., 91 Main, Buffalo, N. Y.

Hardware Supply Co., Grand Rapids,  
Mich.

Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.

Hayward S. F. & Co., 250 W 54th, New  
York

Howell F. R. Brass Works, 122 N Frank-  
lin, Phila., Pa.

Kelly & Jones Co. ("S. S. S."), 135 Water,  
Pittsburgh, Pa.

Knox Mfg. Co. (Malleable Iron), 821  
Cherry, Phila., Pa.

Landers, Frary & Clark ("Fairy" & "Cli-  
max"), New Britain, Conn.

Larkin Mfg. Co. (Shut-Off), Dayton, O.

McRae & Roberts Co., 227 Campbell av,  
Detroit, Mich.

See adv index at end of book

Morse Andrew J. & Son (Inc.), ("Mose,"  
"Monitor"), 221 High, Boston, Mass.

Myers F. E. & Bro., 800 Orange, Ashland,  
O.

Neumeyer H. F. & Sons ("New"), Mac-  
ungie, Pa.

Peck Bros. & Co., New Haven, Conn.

Sherman H. B. Mfg. Co. ("Diamond"),  
Battle Creek, Mich.

Sieben Chemical Spraying Nozzle Co.  
("Fire King," with Chemical Car-  
tridge in Nozzle for Fire Disinfecting,  
etc), Kansas City, Mo.

Simmons John Co. ("C. L. E."), 110 Cen-  
tre, New York

Standard Brass & Iron Works (Heavy for  
Brewers, etc), 1820 St. Paul av, Mil-  
waukee, Wis.

Universal Nozzle Co., Indianapolis, Ind.

Wheaton A. W. Brass Works ("Newark"  
Turret Fire Hose), 157 N. J. R. R. av.,  
Newark, N. J.

Wolverine Brass Works, Grand Rapids,  
Mich.

**10175—Nozzles (Hydraulic Mining)**

**AMERICAN SPIRAL PIPE WORKS**, Chi-  
cago, Ill. See adv index at end of book

**10176—Nozzles (Irrigating)**

Morse A. J. & Son, 221 High, Boston,  
Mass.

Spray Engineering Co. ("Spraco"), 93  
Federal, Boston, Mass.

**10177—Nozzles (Oil Burner)**

Morse A. J. & Son, 221 High, Boston,  
Mass.

Rockwell W. S. Co., 50 Church, New York  
See adv index at end of book

**10178—Nozzles (Plumbago)**

McCullough-Dalzell Crucible Co. (For Bes-  
semer & Open Hearth Furnaces),  
36th & A. V. Ry., Pittsburgh, Pa.

Seidel Reuben B. (Inc.) (For all pur-  
poses), 1322 Callowhill, Phila., Pa.

Stevens Frederick B., 3d & Larned, De-  
troit, Mich.

**10179—\*Nozzles (Sand Blast)**

**LUNKENHEIMER CO.**, Executive Offices  
& Factories: Beekman & Waverly,  
Cincinnati, O.

See adv index at end of book

**10180—Nozzles (Spray)**

Allen W. D. Mfg. Co., 570 W Lake, Chi-  
cago, Ill.

American Foundry & Mfg. Co., 11th &  
Herbert, St. Louis, Mo.

Ansonia Mfg. Co., 584 Hudson, New York

Bean Spray Pump Co., San Jose, Cal.

Brown E. C. Co. ("Non-clog"), Rochester,  
N. Y.

Buffalo Forge Co. ("Buffalo"), Buffalo,  
N. Y.

Cooling Tower Co., 50 Broad, New York

**DEMING CO.**, Salem, O.

See adv index at end of book

Elkhart Brass Mfg. Co. ("Elkhart"), Elk-  
hart, Ind.

Field Force Pump Co. ("Tiger"), Elmira,  
N. Y.

Friend Mfg. Co., Gasport, N. Y.

Fries & Co., 91 Main, Buffalo, N. Y.

Goulds Mfg. Co. ("One-Ounce Mistry"), 71  
W Fall, Seneca Falls, N. Y.

See adv index at end of book

Loeffelholz Co. ("Foley," Solid Stream,  
Shut Off & Spray), Milwaukee, Wis.

Morse A. J. & Son, 221 High, Boston,  
Mass.

**MYERS F. E. & BRO.** (Fembro, New  
Way, Bordeaux, Vermorel, Imperial,  
Myers), 800 Orange, Ashland, O.

Niagara Sprayer Co. ("Scientific," for  
Spraying Trees, etc), Middleport, N. Y.

Sandusky Fdry. & Machine Co., San-  
dusky O.

Schutte & Koerting Co. ("Koerting" for  
Mines, Chemicals, etc.), 12th &  
Thompson, Phila., Pa.

Sherman H. B. Mfg. Co., Battle Creek,  
Mich.

Spray Engineering Co. ("Spraco") for  
Cooling Condensing Waters), 93 Fed-  
eral, Boston, Mass.

Star Brass Works, 319 N Albany av, Chi-  
cago, Ill.

**10181—Nozzles (Sprinkler, for Sew-  
age)**

Merritt Hydraulics Co. ("Merritt" &  
"Weand"), 110 N Broad, Phila., Pa.

Priestman Albert ("Merritt"), 328 Chest-  
nut, Phila., Pa.

**10182—Nozzles (Standpipe)**

Loeffelholz Co. (Combination & Judge Dis-  
tributing), Milwaukee, Wis.

Morse A. J. & Son, 221 High, Boston, Mass.

**Numbers & Letters (Decalcomania)**

See Ornaments, Transfer

**10183—Numbers & Letters (Metal)**

See also Name Plates

Allen, Doane & Co., 29 Cornhill, Boston,  
Mass.

Aluminum Goods Mfg. Co. (Aluminum  
House), Manitowoc, Wis.

American Railway Supply Co., 134 Charles,  
New York

Arcade Mfg. Co. (House Numbers Only,  
no Letters, Brass & Aluminum), Free-  
port, Ill.

Benfield & Milne Mfg. Co., 374 Woodside  
av, Newark, N. J.

Berger Mfg. Co., Canton, O.

Blasier-Sanborn Mfg. Co., Utica, N. Y.

Borreson Mfg. Co. (Auto & House), Uni-  
versity & Curfew av, St. Paul, Minn.

Brass Goods Mfg. Co., 533 Union, Brook-  
lyn, N. Y.

Brim A. W. (White & Brass), Seneca Falls,  
N. Y.

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

Enamel Products Co. (House Numbers),  
Cleveland, O.

Grammes L. F. & Sons, Allentown, Pa.

Highton Wm. & Sons Co., Nashua, N. H.

Hoggson & Pettis Mfg. Co., New Haven,  
Conn.

Hutchins-Kilbourne Co. (3-in. House Num-  
bers), Buffalo, N. Y.

Ingram-Richardson Mfg. Co. (Porcelain  
Enameled Iron Automobile Numbers,  
also house & miscellaneous numbers),  
Beaver Falls, Pa.

Kienzle Wm. F., 4855 N Paulina, Chicago,  
Ill.

Knight H. W. & Son (House, etc), Seneca  
Falls, N. Y.

Matthews Jas. H. & Co., 3942 Forbes,  
Pittsburgh, Pa.

Mayer Geo. J. & Co., Indianapolis, Ind.

Miller J. Walter Co. (House), Lancaster,  
Pa.

Moise Klinkner Co., 1212 Market, San  
Francisco, Cal.

Mulhaupt F. Jos., Lafayette, Ind.

Newman Mfg. Co. (Brass & Bronze), 717  
Sycamore, Cincinnati, O.; 68 W Wash-  
ington, Chicago, Ill.

See adv index at end of book

Niagara Falls Metal Stamping Works  
(Copper Milk Can, Automobile, House,  
etc), Niagara Falls, N. Y.

Nicol & Co. (House Numbers Only), 218  
N. Jefferson, Chicago, Ill.



Norwalk Lock Co., South Norwalk, Conn.  
 Payson Mfg. Co. (House Numbers), 2918 W Jackson Blvd, Chicago, Ill.  
 Penn Hardware Co., Reading, Pa.  
 Pioneer Corp. (House Numbers), 1249 W 65th, Chicago, Ill.  
 Providence Brass & Aluminum Foundry (House Numbers), 460 Eddy, Providence, R. I.  
 Reading Hardware Co., Reading, Pa.  
 Rex-Harris Fire Appliance Co. (Aluminum Numbers), 39 E 19th, New York  
 Reynold-Zahn Co., 46 Mechanic, Newark, N. J.  
 Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.  
 Robbins Jno. Mfg. Co., 58 Kneeland, Boston, Mass.  
 Russell & Erwin Mfg. Co. (Steel), New Britain, Conn.  
 Sackman Mfg. Co. (Steel), Akron, O.  
 Shanafelt Mfg. Co. ("Pattern," "White Metal"), Canton, O.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Smith R. H. Mfg. Co., Springfield, Mass.  
 Spokane Stamp Works, Spokane, Wash.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Steere Geo. (House, Sign, etc), 432 S Dearborn, Chicago, Ill.  
 Stover Mfg. Co., Freeport, Ill.  
 Taylor & Boggis Foundry Co. (House), Cleveland, O.  
 Turner & Seymour Mfg. Co. (House Numbers Only), Torrington, Conn.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
 Western Brass Mfg. Works (Cast Brass & Bronze), Marshall Blvd & W 21st, Chicago, Ill.  
 Wilcox, Crittenden & Co. (Brass), Middletown, Conn.  
 Ziegler Bros. Co., Elgin, Ill.

### 10184—Nut Crackers & Picks

American Cutlery Co., 764 Mather, Chicago, Ill.  
 Arcade Mfg. Co. ("Arcade," "Standard" & "Universal," Crackers Only), Freeport, Ill.  
 Bridgeport Hdw. Mfg. Corp. ("Leader" Crackers), Bridgeport, Conn.  
 Browne & Dowd Mfg. Co. (Crackers only), Meriden, Conn.  
 Cassady, Fairbank Mfg. Co. ("May Eureka," "Winchester," "Invincible Victor" & "Pride Standard"), 6126 S La Salle, Chicago, Ill.  
 Gray Iron Foundry Co. ("20th Century" Nut Crackers), Reading, Pa.  
 Grey Iron Casting Co. (Crackers Only), Mt. Joy, Pa.  
 Humason & Beckley Mfg. Co. (Cast Steel Crackers), New Britain, Conn.  
 Jennings Bros. Mfg. Co., Bridgeport, Conn.  
 Landers, Frary & Clark, New Britain, Conn.  
 Lowentraut P. Mfg. Co. (Crackers Only), 36 Brenner, Newark, N. J.  
 Meriden Cutlery Co. ("Anvil"), Meriden, Conn.  
 Nicol & Co. ("N. & Co." Crackers Only), 218 N Jefferson, Chicago, Ill.  
 Osborne C. S. & Co. (Nut Crackers Only), Harrison, N. J.  
 Peck, Stow & Wilcox Co., 46 W B'way, New York  
 Quackenbush H. M., Herkimer, N. Y.  
 Rollman Mfg. Co. (Ltd.) ("Rollman" Crackers), Mt. Joy, Pa.  
 Sargent & Co. (Crackers Only), New Haven, Conn.  
 Schroeter Bros. Hardware Co. (Home Nut Crackers), 719 Washington, St. Louis, Mo.  
 Stearns E. C. & Co. (Serrated Jaw), Syracuse, N. Y.  
 Tri-angle Mfg. Co. ("New Century"), Freeport, Ill.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 Williams A. C. Co. (Crackers Only), Ravensna, O.  
 Woldert Grocery Co. ("Squirrel" Crackers), Tyler, Tex.  
 Wrightsville Hardware Co. ("Brighton" Crackers), Wrightsville, Pa.

### Nut-Locks

See Lock-Nuts & Washers

### Nut Machinery

See Machinery, for Various Kinds of Nut Machinery

## PATENTS

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 Washington Office: 625 F Street, Washington, D. C.

### 10185— Nut Mfrs.

Under this Head see Sub-classifications following

See also Bolt, Nut & Rivet Manufacturers

Aetna Nut Co., Southington, Conn.  
 American Car & Foundry Co. (Square & Hexagon), Syndicate Trust bldg, St. Louis, Mo.

American Equipment Co., Norristown, Pa.  
 American Screw Co. (Small), 21 Stevens, Providence, R. I.

Ballard Drop Forge Co. ("Ballard"), Seatle, Wash.

Bayonne Bolt & Nut Co., Bayonne, N. J.  
 Berry Bros., Columbus, O.

Bethlehem Steel Co., So. Bethlehem, Pa.  
 Bourne & Knowles Mfg. Co., Cleveland, O.  
 Brightman Nut & Mfg. Co., Sandusky, O.  
 Cambria Steel Co., Widener bldg, Phila., Pa.

Champion Mfg. Co., 7332 Kimbark av, Chicago, Ill.

Chicago Nut Co., 5213 W 20th, Chicago, Ill.  
 Chicago Screw Co., 13 N Jefferson, Chicago Ill.

Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*

Cold-Jess Mfg. Co., Cleveland, O.  
 Columbus Bolt Works Co., Columbus, O.

Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.

Curtis Screw Wks., Buffalo, N. Y.  
 Delaware Marine Mfg. Co., B. & O. R. R. & Conrd., Wilmington, Del.

Dyson Jos. & Sons (Square & Hexagon), Cleveland, O.

Eastern Bolt & Nut Co., E Providence, Providence, R. I.

Eberhard Mfg. Co., Cleveland, O.  
 Equipoise Rivet Co., Waterbury, Conn.

Foster Bolt & Nut Mfg. Co., Cleveland, O.  
 Garland Nut & Rivet Co., Lawrence county, W. Pittsburgh, Pa.

Gary Screw & Bolt Co., Gary, Ind.

Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.

Greenlie Wyatt & Co., 499 Water, New York

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Kirk-Latty Mfg. Co., Cleveland, O.  
 Lake Erie Iron Co., E 63d, Cleveland, O.

Lamson & Sessions Co., Cleveland, O.  
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.

Meyer & Co. (Iron), Throopsville, N. Y.  
 Michigan Bolt & Nut Works, Detroit, Mich.

Milton Mfg. Co., Milton, Pa.

Moore Franklin Co., Winsted, Conn.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

National Bolt & Nut Co., Pittsburgh, Pa.

National Screw & Tack Co., Cleveland, O.

Neely Nut & Bolt Co., Pittsburgh, Pa.

Ohio Nut & Bolt Co., Berea, O.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pawtucket Mfg. Co., Pawtucket, R. I.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.

Rhode Island Tool Co., Providence, R. I.  
 Rochester Machine Screw Co., Rochester, N. Y.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.

Steel Car Forge Co., Pittsburgh, Pa.

Upson Nut Co., Cleveland, O.

Western Automatic Machine Screw Co., Elyria, O.

Youngstown Mfg. Co., Youngstown, O.

### Nut Picks

See Nut Crackers & Picks

### 10186— Nutgalls

Brett F. & Co., 240 Water, New York

Innis, Spelden & Co., Inc., (Imp.), 46 Cliff, New York. *See adv index at end of book*

Norden A. & Co. (Imp.), 60 Beaver, New York

Thurston & Braidich (Imp.), 27 Cliff, New York

### 10187— Nuts (A. L. A. M.)

St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.

### 10188—Nuts (Acorn Carriage)

Dent Hardware Co., Fullerton, Pa.

### 10188a—\*Nuts (Automobile)

Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*

### 10189— Nuts (Bicycle)

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.

Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*

Curtis Screw Works, Buffalo, N. Y.

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.

*See adv index at end of book*

Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

Perry-Fay Mfg. Co., Elyria, O.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Upson Nut Co., Cleveland, O.

Western Automatic Machine Screw Co., Elyria, O.

Chicago Nut Co., 2513 W 20th, Chicago, Ill.

Corbin Screw Corporation (Acorn Cap or Blank Brass, Bronze, Iron or Steel), New Britain, Conn.

Curtis Screw Wks., Buffalo, N. Y.

**DETROIT SCREW WORKS** (Brass & Steel Acorn Cap), 348 Franklin, Detroit, Mich. *See adv index at end of book*

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.

Reed & Prince Mfg. Co., Worcester, Mass.

St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.

Standard Screw Co., 81 E Madison, Chicago, Ill.

Star Expansion Bolt Co. ("Star"), 147 Cedar, New York

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

Western Automatic Machine Screw Co., Elyria, O.

Chicago Nut Co., 2513 W 20th, Chicago, Ill.

Curtis Screw Wks., Buffalo, N. Y.

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.

*See adv index at end of book*

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

Peck & Young Mfg. Co., Forestville, Conn.

Peninsular Milled Screw Co., Detroit, Mich.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.



Reed & Prince Mfg. Co., Worcester, Mass.  
Waltham Screw Co., Waltham, Mass.

### 10192—Nuts (Brass & Copper)

American Pin Co. ("Ampinco" Brass Only), Waterbury, Conn.  
American Safety Lamp & Mine Supply Co., Scranton, Pa.  
Ansonia Mfg. Co., Ansonia, Conn.  
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.  
Blake & Johnson Co. (To Order), 1500 Thomaston av, Waterbury, Conn.  
*See adv index at end of book*  
Chicago Nut Co. (Brass Only), 2513 W 20th, Chicago, Ill.  
Columbus Brass Co., 538 Dublin av, Columbus, O.  
*See adv index at end of book*  
Corbin Screw Corp., New Britain, Conn.  
Curtis Screw Wks., Buffalo, N. Y.  
**DETROIT SCREW WORKS**, 348 Franklin Detroit, Mich.  
*See adv index at end of book*  
Equipoise Rivet Co. (Brass for Plumbers' Use), Waterbury, Conn.  
Gaynor Mfg. Co. (Brass for Steam, Gas & Water Fittings), Bridgeport, Conn.  
Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.  
Hungerford U. T. Brass & Copper Co. (Also Bronze), 80 Lafayette, New York  
International Brass & Electric Co. (Brass Hexagon, Machine Made), 76 Beekman, New York  
Mutual Electric & Machine Co. (Copper), 232 Fort W, Detroit, Mich.  
National-Acme Mfg. Co. (Brass Only), 7500 Stanton av, S E, Cleveland, O.  
Pheoll Mfg. Co. (Brass), 5700 W 12th, Chicago, Ill.  
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Rockford Bolt Co. (Brass), 60 Mill, Rockford, Ill.  
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.  
Waterbury Mfg. Co. (Brass), Waterbury, Conn.  
Welch T. F. Co., 55 Sudbury, Boston, Mass.  
Western Automatic Machine Screw Co., Elyria, O.

### 10193—Nuts (Case Hardened)

Bethlehem Steel Co., So. Bethlehem, Pa.  
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
Corbin Screw Corporation, New Britain, Conn.  
Curtis Screw Wks., Buffalo, N. Y.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.  
Gary Screw & Bolt Co. (Finished), Gary, Ind.  
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.  
Hall's Sam'l Sons, 229 W 10th, New York  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
Milton Mfg. Co. (Finished Hexagon), Milton, Pa.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Peninsular Milled Screw Co., Detroit, Mich.  
Pittsburgh Screw & Bolt Co. (Finished), Preble av, Pittsburgh, Pa.  
Rhode Island Tool Co. (Finished), Providence, R. I.  
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.  
Upson Nut Co., Cleveland, O.; Unionville, Conn.  
Waltham Screw Co., Waltham, Mass.  
Western Automatic Machine Screw Co., Elyria, Ohio

### 10194—Nuts (Cast Iron)

Ladd W. C., Bristol, Conn.

### 10195—Nuts (Castellated)

Bigsby-Rotary Mfg. Co., Cleveland, O.  
Brightman Mfg. Co., Columbus, O.  
Brightman Nut & Mfg. Co., Sandusky, O.  
Cincinnati Screw Co., Twightwee, O.  
Columbia Nut & Bolt Co., Bridgeport, Conn.  
Curtis Screw Wks., Buffalo, N. Y.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
National-Acme Mfg. Co. (Iron & Steel), 7500 Stanton av, S E, Cleveland, O.  
National Bolt & Nut Co., Pittsburgh, Pa.  
National Screw & Tack Co., Cleveland, O.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Peninsular Milled Screw Co., Detroit, Mich.  
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.  
Western Automatic Mach. Screw Co., Elyria, O.

### 10196—Nuts (Caster)

Russell, Burdsall & Ward Bolt & Nut Co., (Case Hardened), Port Chester, N. Y.

### 10197—Nuts (Castle, Semi-Finished)

Curtis Screw Wks., Buffalo, N. Y.  
**DETROIT SCREW WORKS**, (Also Polished, also "S. A. E."), 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
Milton Mfg. Co., Milton, Pa.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Peninsular Milled Screw Co., Detroit, Mich.

### 10198—Nuts (Check & Jam)

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*  
Corbin Screw Corp., New Britain, Conn.  
Curtis Screw Wks., Buffalo, N. Y.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.  
Gary Screw & Bolt Co. (Cold Punched & Semi-Finished), Gary, Ind.  
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Lake Erie Iron Co., Cleveland, O.  
Milton Mfg. Co., Milton, Pa.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Peninsular Milled Screw Co., Detroit, Mich.  
Pittsburgh Screw & Bolt Co. (Cold Punched & Semi-Finished), Preble av, Pittsburgh, Pa.  
Rhode Island Tool Co., Providence, R. I.  
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.  
Upson Nut Co., Cleveland, O.  
Western Automatic Machine Screw Co., Elyria, Ohio

### 10199—Nuts (Clevis)

Cleveland City Forge & Iron Co., Cleveland, O.  
**MERRILL BROS.**, 3 Arnold, Maspeth (Borough of Queens), N. Y.  
*See adv index at end of book*  
Michigan Bolt & Nut Works, Detroit, Mich.

### 10200—Nuts (Cold Drawn)

Curtis Screw Wks., Buffalo, N. Y.  
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.

### 10201—Nuts (Cold Pressed)

American Equipment Co., Norristown, Pa.  
American Screw Co. (For Machine Screws, Stove Bolts, etc), 21 Stevens, Providence, R. I.  
Berry Bros., Columbus, O.  
Columbus Bolt Works Co., Columbus, O.  
Foster Bolt & Nut Mfg. Co., Cleveland, O.  
Kirk-Latty Mfg. Co., Cleveland, O.

National-Acme Mfg. Co. (Machine Screw), 7500 Stanton av, S E, Cleveland, O.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.

### 10202—Nuts (Cold Punched)

American Equipment Co., Norristown, Pa.  
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.  
Ballard Drop Forge Co., Seattle, Wash.  
Bethlehem Steel Co., So. Bethlehem, Pa.  
Berry Bros., Columbus, O.  
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
**CLARK BROS. BOLT CO.**, Milldale, Conn.  
*See adv index at end of book*  
Columbus Bolt Works Co., Columbus, O.  
Corbin Screw Corporation (Tapped, Square & Hexagon), New Britain, Conn.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
Foster Bolt & Nut Mfg. Co., Cleveland, O.  
Garland Nut & Rivet Co., Lawrence county, West Pittsburgh, Pa.  
Gary Screw & Bolt Co. (Chamfered & Trimmed), Gary, Ind.  
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.  
Hall's Sam'l Sons, 229 W 10th, New York  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
Judson Mfg. Co., 819 Folsom, San Francisco, Cal.  
Kirk-Latty Mfg. Co., Cleveland, O.  
Lake Erie Iron Co., Schofield bldg, Cleveland, Ohio  
Lamson & Sessions Co., Cleveland, O.  
Lebanon Valley Iron & Steel Co., Lebanon, Pa.  
Maryland Bolt Co., Continental bldg., Baltimore, Md.  
Milton Mfg. Co. (Chamfered & Trimmed), Milton, Pa.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
New Castle Steel & Iron Co., Pittsburgh, Pa.  
Ohio Nut & Bolt Co., Berea, O.  
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Pittsburgh Screw & Bolt Co. (Chamfered & Trimmed), Preble av, Pittsburgh, Pa.  
Rhode Island Tool Co., Providence, R. I.  
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.  
Smith Thos. & Co., Worcester, Mass.  
Upson Nut Co., Cleveland, O.

### 10203—Nuts (Coupling)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Cleveland Steel Tool Co. (To Fit Any Punching Machine), Cleveland, O.

### 10204—Nuts (Double Cupped)

St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.

### 10205—Nuts (Forged)

Aetna Nut Co. (Machine Forged Blanks), Southington, Conn.  
American Equipment Co., Norristown, Pa.  
Bayonne Bolt & Nut Co., Bayonne, N. J.  
Bethlehem Steel Co., So. Bethlehem, Pa.  
Billings & Spencer Co., Hartford, Conn.  
Columbus Bolt Works Co., Columbus, O.  
Dyson Jos. & Sons, Cleveland, O.  
Foster Bolt & Nut Mfg. Co., Cleveland, O.  
Johnston & Jennings Co., Addison rd & N. Y. C. R. R., Cleveland, O.  
*See adv index at end of book*  
Kansas City Bolt & Nut Co., Kansas City, Mo.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
National Bolt & Nut Co. (Large), Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.  
Shelton Co., Shelton, Conn.  
Sizer Forge Co., 238 Larkin, Buffalo, N. Y.  
Steel Car Forge Co., Pittsburgh, Pa.  
Tioga Steel & Iron Co., Phila., Pa.  
Titusville Forge Co., Titusville, Pa.



Upson Nut Co., Cleveland, O. & Unionville, Conn.

Wharton Wm. Jr. & Co., Inc., Easton, Pa.  
*See adv index at end of book*

### 10206—Nuts (Hot Pressed)

American Bolt Co., Birmingham, Ala.  
American Equipment Co. ("U. S. Standard"), Norristown, Pa.

Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.

Bayonne Bolt & Nut Co., Bayonne, N. J.  
Bethlehem Steel Co., So. Bethlehem, Pa.  
Cambria Steel Co., Widener bldg, Phila., Pa.

Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*

Columbus Bolt Works Co., Columbus, O.  
Foster Bolt & Nut Mfg. Co., Cleveland, O.  
Gary Screw & Bolt Co., Gary, Ind.  
Glauber Brass Mfg. Co., Cleveland, O.  
Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.

Hall's Sam'l Sons, 229 W 10th, New York  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Lake Erie Iron Co., Schofield bldg, Cleveland, O.

Lamson & Sessions Co., Cleveland, O.  
Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.

Lebanon Valley Iron & Steel Co., Lebanon, Pa.

Maryland Bolt Co., Continental bldg., Baltimore, Md.

Meyer & Co., Throopville, N. Y.  
Michigan Bolt & Nut Works, Detroit, Mich.

Milton Mfg. Co. (Square & Hexagon), Milton, Pa.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Bolt & Nut Co., Pittsburgh, Pa.  
Neely Nut & Bolt Co., Pittsburgh, Pa.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Pottsville Bolt Co., Pottsville, Pa.  
Republic Iron & Steel Co., Youngstown, O.

Rockford Bolt Co. (Square & Hexagon), 60 Mill, Rockford, Ill.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Scranton Bolt & Nut Co. (Square & Hexagon), Scranton, Pa.

Shelton Co., Shelton, Conn.  
Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.

Upson Nut Co., Cleveland, O. & Unionville, Conn.

### 10207—Nuts (Ivory)

Calvet Pablo & Co., 99 Water, New York  
Heid A. (Imp.), 11 William, New York

### 10208—Nuts (Joint)

Bethlehem Steel Co., So. Bethlehem, Pa.  
Gary Screw & Bolt Co. (Cold Punched), Gary, Ind.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Milton Mfg. Co., Milton, Pa.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Bolt & Nut Co., Pittsburgh, Pa.  
Pittsburgh Screw & Bolt Co. (Cold Punched), Preble av, Pittsburgh, Pa.

Republic Iron & Steel Co., Youngstown, O.  
Rhode Island Tool Co., Providence, R. I.

Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

Smith Thos. Co., Worcester, Mass.

Upson Nut Co. (Hot Forged), Cleveland, O. & Unionville, Conn.

Upson Nut Co., Cleveland, O. & Unionville, Conn.

Upson Nut Co., Cleveland, O. & Unionville, Conn.

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Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.

National-Acme Mfg. Co., 7500 Stanton av, S. E., Cleveland, O.

Peninsular Milled Screw Co., Detroit, Mich.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

Pratt & Whitney Co., Hartford, Conn.  
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

SCOVILL MFG. CO. (Brass), Waterbury, Conn. *See adv index at end of book*

Western Automatic Mach. Screw Co., Elyria, O.

Western Automatic Mach. Screw Co., Elyria, O.

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Western Automatic Mach. Screw Co., Elyria, O.

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Western Automatic Mach. Screw Co., Elyria, O.

Western Automatic Mach. Screw Co., Elyria, O.

### 10214—Nuts (Pipe Sleeve)

Bethlehem Steel Co., So. Bethlehem, Pa.

### 10215—Nuts (Planer Head Bolt)

DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich. *See adv index at end of book*

Gary Screw & Bolt Co., Gary, Ind.  
National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

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Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.



Ohio Nut & Bolt Co., Berea, O.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Republic Iron & Steel Co., Youngstown, O.  
 St. Louis Screw Co., Clarence & Bulwer  
 avs, St. Louis, Mo.  
 Shelton Co., Shelton, Conn.

### 10219— Nuts (Tapped)

American Equipment Co., Norristown, Pa.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Brightman Mfg. Co., Columbus, O.  
 Chicago Screw Co., 13 N Jefferson, Chi-  
 cago, Ill.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Columbus Bolt Works Co., Columbus, O.  
 Corbin Screw Corporation (Square & Hex-  
 agon), New Britain, Conn.  
 Curtis Screw Wks., Buffalo, N. Y.

### DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.

*See adv index at end of book*

Graham Nut Co., 1317 W Carson, Pitts-  
 burgh, Pa.  
 Hoopes & Townsend Co., Broad & Button-  
 wood, Phila., Pa.  
 Kansas City Bolt & Nut Co., Kansas  
 City, Mo.  
 Lamson & Seessions Co., Cleveland, O.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh,  
 Pa.  
 Michigan Bolt & Nut Works, Detroit,  
 Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Flor-  
 ida, St. Louis, Mo.  
 National-Acme Mfg. Co. (Machine Screw  
 Cold Pressed), 7500 Stanton, Cleve-  
 land, O.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 Neely Nut & Bolt Co., Pittsburgh, Pa.  
 Ohio Nut & Bolt Co., Berea, O.  
 Oliver Iron & Steel Co., S 10th & Muriel,  
 Pittsburgh, Pa.  
 Republic Iron & Steel Co., Youngstown,  
 Ohio  
 Rhode Island Tool Co., Providence, R. I.  
 St. Louis Screw Co., Clarence & Bulwer  
 avs, St. Louis, Mo.  
 Smith Thos. Co., Worcester, Mass.  
 Upson Nut Co., Cleveland, O.  
 Waltham Screw Co., Waltham, Mass.  
 Western Automatic Machine Screw Co.,  
 Elyria, O.

### 10220— Nuts (Telephone)

### DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.

*See adv index at end of book*

National-Acme Mfg. Co., 7500 Stanton  
 av, S E, Cleveland, O.

### 10221—Nuts (Thumb or Wing)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd,  
 Cleveland O.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Billings & Spencer Co., Hartford, Conn.  
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
 Chicago Screw Co., 13 N Jefferson, Chi-  
 cago, Ill.  
 Cleveland Wrought Washer Co., Cleve-  
 land, O.  
 Corbin Screw Corporation (Brass, Bronze,  
 Iron & Steel), New Britain, Conn.  
 Curtis Screw Wks., Buffalo, N. Y.

### DETROIT SCREW WORKS, 348 Franklin, Detroit, Mich.

*See adv index at end of book*

Devlin Thos. Mfg. Co., 3d & Lehigh,  
 Phila., Pa.  
 Eberhard Mfg. Co., Cleveland, O.  
 Garland Nut & Rivet Co., Lawrence  
 county, West Pittsburgh, Pa.  
 Harris Samuel & Co. ("Harris"), 114 N  
 Clinton, Chicago, Ill.  
 Hartford Machine Screw Co., Hartford,  
 Conn.  
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
 Hill Geo. Q. Co., 32 Dorchester av, Bos-  
 ton, Mass.  
 Hoopes & Townsend Co., Broad & Button-  
 wood, Phila., Pa.  
 Kirk-Latty Mfg. Co., Cleveland, O.  
 Lamson & Sessions Co., Cleveland, O.  
 McRae & Roberts Co., 227 Campbell av,  
 Detroit, Mich. *See adv index at end of book*  
 Malleable Iron Fittings Co. ("M. I. F.  
 Co." Malleable), Branford, Conn.  
 Michigan Bolt & Nut Works, Detroit,  
 Mich.  
 Miles Franklin S., 205 Quarry, Phila., Pa.  
 National Screw & Tack Co., Cleveland,  
 Ohio  
 Page Storms Drop Forge Co. (Thumb,  
 Drop Forged Steel), Chicopee, Mass.  
 Peninsular Milled Screw Co., Detroit,  
 Mich.  
 Philadelphia Machine Screw Works, 624  
 Race, Phila., Pa.  
 Reed & Prince Mfg. Co. (Wing), Worces-  
 ter, Mass.  
 Republic Iron & Steel Co., Youngstown, O.  
 Rockford Bolt Co., 60 Mill, Rockford, Ill.  
 St. Louis Screw Co., Clarence & Bulwer  
 avs, St. Louis, Mo.  
 Stowell Co., The, S. Milwaukee, Wis.  
 U. S. Automatic Co., Amherst, O.  
 Upson Nut Co., Cleveland, O., & Unionville,  
 Conn.  
 Welch T. F. Co. (Brass), 55 Sudbury, Bos-  
 ton, Mass.  
 Western Automatic Machine Screw Co.,  
 Elyria, O.  
 Williams J. H. & Co. ("Vulcan" Drop  
 Forged), 156 Hamilton av, Brooklyn,  
 N. Y.  
 Worcester Machine Screw Co., Standard  
 Screw Co., Successor, Worcester,  
 Mass.  
 Wrightsville Hardware Co., Wrightsville,  
 Pa.

### 10222— Nuts (Tire Bolt)

American Screw Co., 21 Stevens, Provi-  
 dence, R. I.  
 Atlas Bolt & Screw Co., 1000 Ivanhoe rd,  
 Cleveland, O.  
 Berry Bros., Columbus, O.  
 Clark Bros., Bolt Co., Milldale, Conn.  
*See adv index at end of book*  
 Columbus Bolt Works Co., Columbus, O.  
 Corbin Screw Corporation, New Britain,  
 Conn.  
 Foster Bolt & Nut Mfg. Co., Cleveland, O.  
 Lamson & Sessions Co., Cleveland, O.  
 National Screw & Tack Co., Cleveland, O.  
 Ohio Nut & Bolt Co., Berea, O.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Republic Iron & Steel Co., Youngstown, O.

Rockford Bolt Co., 60 Mill, Rockford, Ill.  
 Shelton Company, Shelton, Conn.  
 Upson Nut Co., Cleveland, O., & Unionville,  
 Conn.

### 10223— Nuts (Top Prop)

Crandal, Stone & Co. ("Pioneer"), Bing-  
 hamton, N. Y.  
 Higgin Mfg. Co., Newoprt, Ky.  
 Monarch Carriage Goods Co. ("Mon-  
 arch"), Cincinnati, O.  
 Neilder F. A. Co., Augusta, Ky.  
 Searls Mfg. Co., Cleveland, O.

### 10224— Nuts (Weldless Eye)

Billings & Spencer Co. ("B. & S." Drop  
 Forged), Hartford, Conn.

### Nuts (Wing)

*See Nuts, Thumb or Wing*

### 10224a—\*Nuts & Buttons (Leather)

Barwood L. J. Co. ("Barwood" for Player  
 Pianos), Storeham Station, Boston,  
 Mass. *See adv index at end of book*

### 10225— Oakite

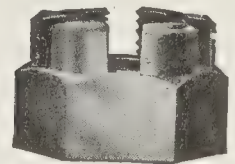
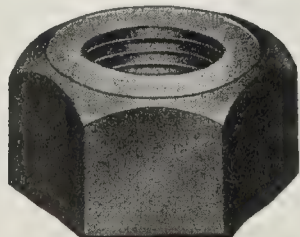
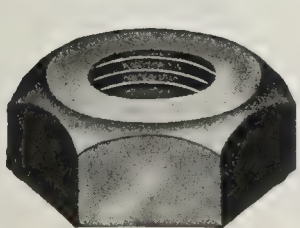
Oakley Chemical Co. (For Cleaning  
 Waste & Wiping Cloths), 22 Thames,  
 New York

### 10226— Oakum

American Mfg. Co., Noble, Brooklyn, N. Y.  
 Baker Wm. T., 224 Suydam av, Jersey  
 City, N. J.  
 Bishop Robert Mfg. Co., 157 W Sixth,  
 South Boston, Mass.  
 Broderick & Bascom Rope Co. (Jobbers),  
 Main & Douglas, St. Louis, Mo.  
 Chelsea Fibre Mills, 212 5th av, New York  
 Davey W. O. & Sons, 174 Laidlaw av,  
 Jersey City, N. J.  
 Fitler Edwin H. Co., 517 Arch, Phila., Pa.  
 Hoffman-Corr Mfg. Co., 312 Market, Phila.,  
 Pa.  
 Leschen A. & Sons Rope Co., 920 N 1st,  
 St. Louis, Mo.  
 Marine Mfg. & Supply Co., 158 South, New  
 York  
 Meagher's Jas. Sons, 1625 San Bruno, San  
 Francisco, Cal.  
 Peter & Guckenberger, Harriet & Budd,  
 Cincinnati, O.  
 Robinson & Jans, Winthrop, Conn.  
 Stratford Geo. Oakum Co., Cornelison av,  
 Jersey City, N. J.  
 Upson-Walton Co. of N. Y., The (Imp.),  
 291 B'way, New York  
*See adv index at end of book*  
 Winne F. W. & Son, 237 Market, Phila., Pa.  
 Woolford N. B. Oakum Co., 601 S Luzerne  
 av, Baltimore, Md.

### 10227— Oars (Boat)

Allen Fred A. Sportsman's Specialty Co.,  
 (Bow Facing Oars), Monmouth, Ill.  
 Angley & Cole, Brewer, Me.  
 Bayless Mfg. Co. (Ash), Memphis, Tenn.  
 Brown W. F. & Sons, Denham Springs, La.



**NUTS** { **MADE FROM BAR**  
**DETROIT SCREW WORKS,**  
**DETROIT, MICH.**  
 Established 1877



De Grauw Aymar & Co. ("Crown," Ash & Spruce), 34 South, New York  
 Detroit Boat Co., Detroit, Mich.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Lease G. D. & Son, Jeffersonville, Vt.  
 Moorman Eli S. & Son, Plaquemine, La.  
 New York Boat Oar Co. ("Ezekiel Page" Brand), 69 West, New York  
 Rushton S. P., Canton, N. Y.  
 Strand Martin A., New Richmond, Wis.  
 Stryker Boat-Oar & Lumber Co., Stryker, O.  
 Wilsey & Shaffer Mfg. Co., Vicksburg, Miss.

## 10228— Oatmeal

See also Food Cereal, Prepared, etc.  
 H-O Company, Buffalo, N. Y.  
 Hecker Cereal Co., Produce Exchange, New York  
 National Oats Co., Cedar Rapids, Ia.  
 Purity Oats Co., Keokuk, Ia.

## 10229— Oats Cleaners

Higbie Oats Cleaner Co., 56 W Lake Chicago, Ill.  
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.  
 Smith F. P. Wire & Iron Works ("Higbie"), Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

## 10230— Ochres

Blue Ridge Ochre Co., Cartersville, Ga.  
 Cherokee Ochre Co., Cartersville, Ga.  
 Coulson J. W. & Co. (Imp.), (French & Golden), 80 Maiden la, New York  
 Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York  
 Georgia-Peruvian Ochre Co. (Miners & Mfrs.), Cartersville, Ga.  
 Katzenbach & Bullock Co. (French), Trenton, N. J.  
 Lyons S. C. & Bros., Bennington, Vt.  
 Mepharm Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.  
 New Riverside Ochre Co., Cartersville, Ga.  
 Osborn C. J. Co. (French Imported), 132 Nassau, New York  
 Patton Paint Co. (White, Gray, etc.), Milwaukee, Wis.  
 Smith J Lee & Co. (Golden & French), 19 Jacob, New York  
 Wilbur J. Co., Providence, R. I. Factory: Phila., Pa.  
**WILLIAMS C. K. & CO.** ("Anchor Brand"), Easton, Pa.

## 10231— Oculometrosopes

Meriden Optical & Jewelry Co., Meriden, Conn.  
 Spencer Optical Co., 5 Maiden la., New York

## Odometers

See Meters, Distance Recording

## 10232— Oesphagoscopes

Electro Surgical Instrument Co., Rochester, N. Y.

## 10233—\*Office Equipment (Steel)

**SNEAD & CO. IRON WORKS (INC.)**, 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

## Office Building Directories (Changeable)

See Building Directories, Changeable

## 10234— \*Offsets (Flanged)

**NATIONAL TUBE CO.**, Frick bldg., Pittsburgh, Pa.  
*See adv index at end of book*

## 10235— Ohmmeters

Biddle James G. ("Megger" Direct Reading, Imported), 1211 Arch, Phila., Pa.  
 Brown Instrument Co., Wayne av & Windrim, Phila., Pa.  
 Du Vivier, Ernest H., 30 Church, New York  
 Leeds & Northup Co., Stenton av, Gtn., Phila., Pa.  
**Roller-Smith Co.** ("Roller-Smith"), 233 B'way, New York

Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

## 10236— \*Oil Airoilene

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*

## 10237— Oil Cloth Mfrs.

See also Linoleum Manufacturers  
 Bailey's C. M. Sons & Co. (Floor), Winthrop, Me.  
 Blabon Geo. W. Co. (Floor), 21st & Hunting Park av, Phila., Pa.  
 Chandler Oil Cloth & Buckram Co. (Carriage Enameled), Taunton Mass.  
 Columbus Oil Cloth Co. (Table & Enameled), 1280 N Grant av, Columbus, O.  
 Cook's Linoleum Co. (Table, Shelf & Stair Enameled, etc), Trenton, N. J.  
 Dunn J. C. & Co. (Floor), Camden, N. J.  
 Farr & Bailey Mfg. Co. (Floor Oil) Cloth & Rugs, Camden, N. J.  
 Goodlatte & Sons (Table, Shelf, Stair & Enameled), Delawanna, N. J.  
 Landers Bros. Co., Toledo, O.  
 Monarch Rubber & Oil Cloth Co. (Carriage), Drexel bldg, Philadelphia, Pa.  
 Nairn Linoleum Co. (Floor), Kearny, N. J.  
 Potter Thos. Sons Co. (Inc.), (Floor, Table & Rugs), No. 2d & Erie av, Phila., Pa.  
 Sampson, Alden & Sons (Floor), 320 B'way, New York  
 Standard Oil Cloth Co. ("Meritas" Table, also Shelf, Stair, Carriages, etc), 320 B'way, New York  
 Taunton Oil Cloth Co., Taunton, Mass.  
 Wadsworth & Woodman Co., Winthrop, Me.

## 10238—Oil Colors (Artists')

Devoe & Reynolds Co., Inc. (In Collapsible Tubes), 101 Fulton, New York

## 10238a— \*Oil Coolers

See also Coolers, (Oil)



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

## Oil Cups

See Lubricators, Oil & Grease Cup

## 10238b—\*Oil Cups, Glass, Sight Feed, Signal Stop



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

## 10239— Oil Duck

Chandler Oil Cloth & Buckram Co. ("Wild Duck," Black), Taunton, Mass.

## 10239a— \*Oil Filters



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

## 10240—Oil Hole Covers & Cups

Bay State Stamping Co. ("Bennett Handy" Self-Closing), 380 Chandler, Worcester, Mass.  
 Bowen Mfg. Co., 357 Canal, Auburn, N. Y.  
**GITS BROS. MFG. & SPECIALTY CO.** ("Gits"), 55 W Monroe, Chicago, Ill.  
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.  
 Osgood J. L. Tool Co., Buffalo, N. Y.  
**TUCKER W. B. & C. F.** ("Tucker" Two-piece), 516 Asylum, Hartford, Conn.  
*See adv index at end of book*  
 Winkley Co. ("Winkley"), Detroit, Mich.

## Oil of Vitriol

See Acid-Sulphuric

## 10240a— \*Oil Pumps



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

## 10241—Oil Reclaiming Systems

Bowser S. F. & Co., Ft. Wayne, Ind.



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

## 10242—\*Oil Refineries Complete (Constructors of)

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

## 10243— Oil-Soluble Colors

Behlen H. & Bro. (For Coloring Illuminating Oils & Greases, etc), 371 Pearl, New York

## 10244—Oil Spreader & Hot Roller

Haas Chas. & Co. (for Oiling Roads), 511 E 18th, New York

## Oil Stains

See Wood Stains

## Oil Stones

See Stones, Oil & Water

## 10245—\*Oil Storage Tanks

See also Tanks, Oil Storage



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

## 10246—Oil & Gas Well Supplies

American Well Works, Aurora, Ill.  
*See adv index at end of book*  
 American Well & Prospecting Co., Carlsbad, Tex.  
 Armstrong Mfg. Co., 200 Armstrong bldg, Waterloo, Ia.  
 Associated Supply Co., Sharon bldg, San Francisco, Cal.  
 Atlas Supply Co., Muskogee, Okla.  
 Barse C. B. Co., Olean, N. Y.  
 Bayne, Wilson & Pratt, Pittsburgh, Pa., & Bradford, Pa.  
 Beeler & Campbell Sup Co., Nowata, Okla.  
 Bovaird Supply Co., Independence, Kans.  
 Bovaird & Co., Bradford, Pa.  
 Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
 Bradford Motor Works, Bradford, Pa.  
 Bradford Supply Co., Bradford, Pa.  
 Busch A. H. Co., 150 N Los Angeles, Los Angeles, Cal.  
 Campbell J. G. & W., Butler, Pa.  
 Childs Jno. Sr., Smiths Ferry, Pa.  
 Clappitt & Moss, 959 E 4th, Los Angeles, Cal.  
 Clark Supply House, Noblesville, Ind.  
 Clark & Norton Mfg. Co., Wellsville, N. Y.  
 Columbus Sucker Rod Co., Columbus, O.  
 Corlett W. W., Knox, Pa.  
 Continental Supply Co., 3d Nat. Bk. bldg., St. Louis, Mo.  
 Cornell-Searl Co., Lincoln, Neb.  
 Crane Co. (Est. 1855), 836 S Michigan, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 D. & B. Pump & Supply Co., Los Angeles, Cal.  
 Dresser S. R. Mfg. Co. (Specialties), Bradford, Pa.  
 Dunham, Carrigan & Hayden Co., Kansas & Division, San Francisco, Cal.  
 Emery L. Jr., Bradford, Pa.  
 Evans Mfg. Co. (Ltd.), Butler, Pa.  
 Frick-Reid Supply Co., Bartlesville, Okla.  
 Frick & Lindsay Co., Robinson, Pittsburgh, Pa.  
 Harper & Reynolds Co., 219 S Central av, Los Angeles, Cal.  
 Hays E. F. & Sons, Chicora, Pa.  
 Heller, Aller & Co., Napoleon, O.



Herron R. H. Co., Los Angeles, Cal.  
Hoch Bros., Chicora, Pa.  
Hough Chas. N. Mfg. Co., Franklin, Pa.  
Illinois National Supply Co., Casey, Ill.  
Jarecki Mfg. Co., Erie, Pa.  
Jones S. M. Co., Toledo, O.  
Kane Supply Co., Kane, Pa.  
Keiser Geo. & Co., Munice, Ind.  
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Kesselman & Co., Butler, Pa.  
Larkin & Co., Butler, Pa.  
Leidecker Tool Co., Marietta, O.  
Leschen A. & Sons Rope Co., St. Louis, Mo.

Link-Belt Co. (Chains & Wheels for Operating Drills), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. R., Phila., Pa.

*See adv index at end of book*  
Lucey Mfg. Corp., Los Angeles, Cal.  
Lucey Mfg. Co., 233 B'way, New York  
McDONALD A. Y. MFG. CO., Dubuque, Ia.

McDowell W. I., Knox, Pa.  
McElwaine Mfg. & Auto Co., Bradford, Pa.

McEvoy J. H. & Co., Houston, Texas  
McEwen Bros., Wellsville, N. Y.  
McFie W. T. Supply Co. (Oil Well), Los Angeles, Cal.

Mackburg Tool Co., Mackburg, O.  
Magee Jno. A. & Son, Clarion, Pa.  
Marion Machine, Foundry & Supply Co., Marion, Ind.

Maseth Packer & Machine Works, Butler, Pa.  
Mills Iron Works, 927 N Main, Los Angeles, Cal.

Mills Machine Co., Vanburen, Ind.  
Milton S. G. & Son ("Milton") Pulling Machine for Pulling Rods or Tubing from Wells & Replacing same Ready for Pumping), Franklin, Pa.

Mitchell H. B. & Co., Emlenton, Pa.  
Moorhouse G. W., Kinzua, Pa.  
National Supply Co., Toledo, O.

Ohio Pipe Co., Findlay, O.  
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
Parkersburg Machine Co., Parkersburg, W. Va.

Pattin Bros. Co., Marietta, O.  
Pickett Hardware Co., Warren, Pa.  
Prichard Supply Co., Mannington, W. Va.

Producers Supply Co., Franklin, Pa.  
Reid Jos. Gas Engine Co., Oil City, Pa.  
Republic Supply Co., Humble, Texas

Rouseville Supply Co., Rouseville, Pa.  
Second Hand Pipe & Supply Co., Parkersburg, W. Va.  
Shenck Mfg. & Supply Co., Parkers Land-ing, Pa.

Sinclair & Morrison Co., Lima, O.  
Spang & Co., Butler, Pa.  
Spence Smith & Kootz Co., Parkersburg, W. Va.

Stanciff Well Screen & Mfg. Co., Houston, Tex.  
Standard Supply Co., Scio, O.  
Stitt Robt. G., Toledo, O.

Tay Geo. H. Co., 599 Mission, San Francisco, Cal.  
Tay-Pike Co., Coalinga, Cal.  
Thompson & Co., Mt. Jewett, Pa.

Tuna Iron & Steel Works, Bradford, Pa.  
Union Tool Co. (Complete Equipment), Tarrance, Cal. & West Chicago, Ill.  
Wilbert John Petroleum Center, Pa.

Wyssbrod E. V. & Co., Findlay, O.  
Yeager S. Petrolia, Pa.  
Zahniser Bros. & Sten, Washington, Pa.

### 10247-8—Oil & Grease Guns & Syringes

American Skate & Mfg. Co. ("Rollfast"), Reading, Pa.  
Delta Mfg. Co., Bloomfield, N. J.  
Edelmann E. & Co. ("Jumbo"), 341 E Ohio, Chicago, Ill.

Fowler Lamp & Mfg. Co. ("Fowler Yankee," Grease & Oil Guns), 59 E. 24th, Chicago, Ill.  
Hall Mfg. Co., Harrison, N. J.

Hancock Mfg. Co., Charlotte, Mich.  
Haney J. H. & Co., Hastings, Neb.  
Judd & Leland Mfg. Co., Clifton Springs, N. Y.

Knapp Mfg. & Supply Co. (Brass), 241 Water, New York  
Middle States Oil Co., B of L E bldg, Cleveland, O.

Monarch Mfg. Co. ("Monarch" Lubricating), Council Bluffs, Ia.

N. Y. & N. J. Lubricant Co. ("N. F. O." Lubricating Oil Gun), 165 B'way, New York

Noera Mfg. Co., Waterbury, Conn.  
Rose J. A. Mfg. Co., Hastings, Neb.  
Royersford Foundry & Machine Co. ("Sells") 52 No 5th, Philadelphia, Pa.

Ruby Mfg. Co. ("Tuckahoe"), Tuckahoe, N. Y.  
Townsend S. P. & Co. ("Townsend"), Orange, N. J.

### Oilers (Axle)

See Oilers, Engine and Machine

### 10249—Oilers (Car Journal Box)

Armstrong Oiler Co. (Automatic), Commonwealth bldg., Phila., Pa.

GEM MFG. CO. ("Gem," Heavy Brazen Steel), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*  
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

### 10250—Oilers (Car Pit)

GEM MFG. CO. ("Gem," Heavy Brazen Steel), Goebel, nr Fulton, M S, Pittsburgh, Pa. *See adv index at end of book*

Wall P. Mfg. Supply Co. (Brazen), 705 Preble av, N S, Pittsburgh, Pa.  
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

### 10251—\*Oilers (Crank Pin)



NUGENT, WM. W. & CO.,  
146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

### 10252—Oilers (Cross Head Pin)

LUNKENHEIMER CO. ("H.-W."), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

Nathan Mfg. Co., 416 E 106th, New York  
Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.



NUGENT, WM. W. & CO.,  
146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

Powell Wm. Co., Cincinnati, O.  
Star Brass Mfg. Co. ("Star") 108 E. Dedham, Boston, Mass.

### 10253—\*Oilers (Eccentric)



NUGENT, WM. W. & CO.,  
146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

### 10254—Oilers (Engine & Machine)

See also Cans, Oil, etc

American Stamping & Mfg. Co., Park bldg., Pittsburgh, Pa.

American Tube & Stamping Co. (Steel, Brass, Copper or Nickel Plated), Bridgeport, Conn.

Ansonia Novelty Co. ("Richard" Solderless Bottom), Ansonia, Conn.

Bloomer R. E. ("Cannon"), Keithsburg, Ill.

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Boggs Auto Supply Co. ("Kup-Kan"), Fort Dodge, Ia.

Bowen Mfg. Co., 357 Canal, Auburn, N. Y.

Consolidated Fruit Jar Co. ("Paragon," "Chace" Zinc, Brass & Copper), New Brunswick, N. J.

Detroit Ship Building Co. (Brass Department, Detroit, Mich.

Deverall Perfection Mfg. Co. ("Deverell"), Caton av, Brooklyn, N. Y.

Dover Stamping & Mfg. Co. (Tin & Brass), Cambridge, Mass.

Dressel Railway Lamp Works, 3860 Park av, New York

Eagle Glass & Mfg. Co. (Railroad, etc), Wellsburg, W. Va.

Essex G. B. Brass Co., Detroit, Mich.

## OILERS (ENGINE and MACHINE)



"GEM" "PYRAMID"  
Polished Brass & Steel Bright Finish  
GEM MFG. CO., Pittsburgh, Pa.

GEM MFG. CO. ("Gem" & "Pyramid" Polished Brass & Steel, Bright Finish), Goebel, nr Fulton, N S, Pittsburgh, Pa. *See adv index at end of book*

GEUDER, PAESCHKE & FREY CO. (Pierced Tin & Galvanized Iron, Bent & Straight Spout, also Spring Bottom Oilers), Milwaukee, Wis.

*See adv index at end of book*  
Hammer & Co. (Malleable Iron), Branford, Conn.

Hero Mfg. Co. ("Hero," "Chace's" "Paragon"), Gaul & Adams, Phila., Pa.

Huebel Mfg. Co. (Malleable Iron), 103 Monroe, Newark, N. J.

Ironsides Co. ("Tormay" for Mine Cars), Columbus, O.

Jackson J. W. ("Jackson" Tin Self Closing Engine Oiler), Sharpsville, Pa.

Johnson Mfg. Co., Urbana, O.

Knapp Mfg. & Supply Co. (Engineers' Brass Sets), 241 Water, New York

Kraft, A. C., 323 W Lake, Chicago, Ill.

Lavigne Mfg. Co., Detroit, Mich.

Loneragan J. E. Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Malleable Iron Fittings Co. ("M. I. F. Co.") (Malleable Iron), Branford, Conn.

Manhattan Brass Co. (Brass & Zinc), 333 E 26th, New York

Maple City Mfg. Co. ("Howland" Pump & Valve Oilers), Monmouth, Ill.

Matthews & Willard Mfg. Co., Waterbury, Conn.

Mine & Smelter Supply Co. ("McVicar"), 42 B'way, New York

National Enameling & Stamping Co., 411 5th av, New York

Noera Mfg. Co. ("Noera," "Thompson," "Puritan" Brass & Steel, of All Kinds), Waterbury, Conn.



NUGENT, WM. W. & CO.,  
146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

Pedersen Lubricator Co., 636 1st av, New York

Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Penn Oiler Co. ("Penn" Spun Zinc & Brass), 250 Fulton, New York

Powell Wm. Co. (Glass, Plain & Sight Feed), Cincinnati, O.

Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.

Sands Steel Specialties Co. ("Sands" Steel Brazen), 6947 Susquehanna, Pittsburgh, Pa.

Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

Threthaway Bros. (Tin & Galvanized Iron), Parsons, Pa.

Vogel Wm. & Bros. ("Acme"), 37 S 9th Brooklyn, N. Y.

Wall P. Mfg. Supply Co. ("Wall's" Vent Pyramid, Steel & Spring Bottom), 705 Preble av, N S, Pittsburgh, Pa.

Walters Mfg. Co. ("M. & I." Sheet Steel), Fulton bldg., Pittsburgh, Pa.

### 10255—Oilers (Felloe)

American Scale Co., Kansas City, Mo.

Foote J. B. Foundry Co., Fredericktown, Ohio

Gowanda Agricultural Works, Gowanda, N. Y.

Indiana Foundry Co., Indiana, Pa.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Root-Heath Mfg. Co., Plymouth, O.

Sidney Hollowware Co., Sidney, Ohio (See Wagner Mfg. Co.)



Southern Skein & Fdry. Co., Chattanooga, Tenn.  
Swett A. L. Iron Works, Medina, N. Y.  
Wagner Mfg. Co., Sidney, O.

**10256—Oilers (Flange)**

Miner J. H. Saw Mfg. Co. ("Miners" for Flanges of Car Wheels, etc), Lumberton, Miss.

**10257—Oilers (Floor)**

Garnet Geo. H. Co. ("Universal"), Allentown, Pa.

**10258—Oilers (Hog)**

American Hog Post Co., Peoria, Ill.  
Health Hog Oiler Co., Kenton, Ohio.  
Hog-Joy System, Springfield, Ill.  
Meyer Corporation, Morton, Ill.  
O. H. C. Mfg. Co., Peoria, Ill.  
Rowe Mfg. Co., Galesburg, Ill.  
Sherman Hog Greaser Co., Peoria, Ill.  
Starbuck Mfg. Co., Peoria, Ill.  
Weldex Mfg. Co., Richmond, Ind.

**10258a—Oilers (Knuckle Joint)**

**NUGENT, WM. W. & CO.,**  
146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

**10259-60—Oilers (Lawn Mower)**

Bridgeport Brass Co. ("Handy"), Bridgeport, Conn.  
Consolidated Fruit Jar Co., New Brunswick, N. J.  
Eureka Mfg. Co., Council Bluffs, Iowa  
Galesburg Specialty Works, Galesburg, Ill.  
**GEM MFG. CO.,** Goebel nr. Fulton, N S, Pittsburgh, Pa.  
*See adv index at end of book*  
Gulf Refining Co., Frick bldg, annex Pittsburgh, Pa.

**10261—Oilers (Locomotive)**

Boesch Lamp Co., 962 Mission, San Francisco, Cal.  
Dressel Railway Lamp Works, 3860 Park av, New York  
Eagle Glass & Mfg. Co., Wellsburg, W. Va.  
**GEM MFG. CO. ("Gem" Steel),** Goebel, nr Fulton, N S, Pittsburgh, Pa.  
*See adv index at end of book*

**OILERS (LOCOMOTIVE) Steel**

"GEM"—Brazeed Seam.

**GEM MFG. CO., Pittsburgh, Pa.**

Gray Peter & Sons, Inc. (Engineers' Heavy), 286 3rd, East Cambridge, Mass.

Handlan-Buck Mfg. Co. ("Perfection" Valve), 210 14 N 3rd, St. Louis, Mo.  
Hero Mfg. Co., Gaul & Adams, Phila., Pa.  
Jackson J. W. ("Jackson" Oil Can), Sharpsville, Pa.  
Johnson Mfg. Co. ("The J," Long Spout), Urbana, O.  
Knapp Mfg. & Supply Co., 241 Water, New York

Kraft, A. C., 323 W Lake, Chicago, Ill.  
Lonergan J. E. Co. (Piston Rod, Guide Valve, Steam Oilers, etc), 211 Race, Phila., Pa.

**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Maple City Mfg. Co. ("Howland" Pump Oilers, etc), Monmouth, Ill.  
Penberthy Injector Co., 346 Holden av, Detroit, Mich.

Noera Mfg. Co. ("Noera" Brass & Steel of All Kinds), Waterbury, Conn.  
Smith of N. Y. Co., 352 Pearl, New York  
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.  
Wall P. Mfg. Supply Co., 705 Preble av, Pittsburgh, Pa.

**10262—Oilers (Locomotive Flange)**

Ohio Injector Co., Wadsworth, O.

**10263—Oilers (Loose Pulley)**

See also Lubricators

American Lubricator Co., ("American"), Summit & Wabash Ry., Detroit, Mich.  
Brown Engng. Co., ("Brown"), 110 N 3rd, Reading, Pa.

*See adv index at end of book*

Gem Mfg. Co., Goebel, nr Fulton, N S, Pittsburgh, Pa.

*See adv index at end of book*

Lonergan J. E. Co., 211 Race, Phila., Pa.  
**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McNab & Harlin Mfg. Co. ("Hodges"), 55 John, New York

Michigan Lubricator Co., Detroit, Mich.

Powell Wm. Co., Cincinnati, O.

Swain Lubricator & Mfg. Co. ("Swain"), 443 W 37th, Chicago, Ill.

Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.

**10264—Oilers (Malleable Iron)**

Hammer & Co., Branford, Conn.

**10265—Oilers (Mowing Machine)**

**AMERICAN CAN CO.,** 120 Broadway, New York *See adv index at end of book*

American Tube & Stamping Co. (Copperized Steel Spring Bottoms), Bridgeport, Conn.

Consolidated Fruit Jar Co., New Brunswick, N. J.

Dover Stamping & Mfg. Co., Cambridge, Mass.

Eagle Glass & Mfg. Co., Wellsburg, W. Va.

**GEM MFG. CO. ("Gem"),** Goebel, nr Fulton, N S, Pittsburgh, Pa.

*See adv index at end of book*

Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*

Hero Mfg. Co. (Steel), Gaul & Adams, Phila., Pa.

Maple City Mfg. Co. ("Howland" Pump Oilers, etc), Monmouth, Ill.

National Enameling & Stamping Co., 411 5th av, New York

Noera Mfg. Co. ("Noera"), Waterbury, Conn.

Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

**Oilers (Multiple)**

See Lubricators, Multiple Oiling

**10266—Oilers (Ring)**

Brown Engineering Co. ("Brown," For Loose Pulleys, etc), 110 N 3rd, Reading, Pa. *See adv index at end of book*  
Pittsburgh Iron & Steel Foundries Co. ("Midland" for Mine Cars), Midland, Pa.

**10267—Oilers (Self-Closing, Dust-proof)**

Bowen Mfg. Co., 357 Canal, Auburn, N. Y.  
Brown Spring Oiler Co. ("Vizor"), 6911 Carnegie av S E, Cleveland, O.  
Zerk Mfg. Co. ("Zerk"), Cleveland, O.

**10268—Oilers (Sewing Machines)**

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Bridgeport Brass Co. ("Handy"), Bridgeport, Conn.

Consolidated Fruit Jar Co., New Brunswick, N. J.

Hero Mfg. Co. ("Willmot," "Star"), Gaul & Adams, Phila., Pa.

Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.

**10269—Oilers (Shaft, Safety)**

Hall Mfg. Co., Harrison, N. J.



**NUGENT, WM. W. & CO.,**  
146 W. Superior, Chicago, Ill.

*See adv index at end of book*

Ricker Mfg. Co. ("Rochester," Ashton Patent), Rochester, N. Y.

Strong, Carlisle & Hammond Co. ("Nugent"), 346 Frankfort av N W, Cleveland, O.

**10270—Oilers (Spring Bottom)**

American Tube & Stamping Co., Bridgeport, Conn.

Eagle Glass & Mfg. Co., Wellsburg, W. Va.

**GEM MFG. CO. (Brazeed Steel & Brass),** Goebel, nr Fulton, N S, Pittsburgh, Pa.

*See adv index at end of book*

**OILERS (SPRING BOTTOM)**

Brass and Brazeed Steel.

**GEM MFG. CO., Pittsburgh, Pa.**

Hammer & Co. (Malleable Iron), Branford, Conn.

Hero Mfg. Co., Gaul & Adams, Phila., Pa.

Wall P. Mfg. Supply Co., 705 Preble av, N S, Pittsburgh, Pa.

**10270a—\*Oilers (Spring Leaf)**

**BROWN SPRING OILER CO. ("Brown" & "Relio"),** 6911 Carnegie av, S E, Cleveland, O.

**10271—\*Oilers (Telescopic)**

**NUGENT, WM. W. & CO.,**  
146 W. Superior, Chicago, Ill.

*See adv index at end of book*

**Oilers (Typewriter)**

See Oilers, Sewing Machine

**10272—Oilers (Windmill)**

Red Cross Mfg. Co. (Automatic), Bluffton, Ind.

**10273—Oilers (Zinc, Etc.)**

**AMERICAN CAN CO.,** 120 Broadway, New York *See adv index at end of book*

Consolidated Fruit Jar Co., New Brunswick, N. J.

Eagle Glass & Mfg. Co., Wellsburg, W. Va.

Hero Mfg. Co., Phila., Pa.

Maple City Mfg. Co., Monmouth, Ill.

Vogel Wm. & Bros., 27 S 9th, Brooklyn, N. Y.

**10274—\*Oiling Devices**

**CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg, Chicago, Ill.

*See adv index at end of book*



**NUGENT, WM. W. & CO.,**  
146 W. Superior, Chicago, Ill.

*See adv index at end of book*

**10275—Oiling Sets (Engineers')**

American Tube & Stamping Co., Bridgeport, Conn.

Boesch Lamp Co., 962 Mission, San Francisco, Cal.

Consolidated Fruit Jar Co. ("Paragon," "Chace"), New Brunswick, N. J.

Deverall Perfection Mfg. Co. ("Perfection"), Caton av, Brooklyn, N. Y.

Dressel Railway Lamp Works, 3860 Park av, New York



Eagle Glass & Mfg. Co., Wellsburg, W. Va.  
**GEM MFG. CO.** ("Gem" Steel), Goebel  
 nr Fulton N S, Pittsburgh, Pa.  
*See adv index at end of book*  
 Hall Mfg. Co., Harrison, N. J.  
 Hero Mfg. Co. ("Paragon"), Gaul &  
 Adams, Phila., Pa.  
 Knapp Mfg. & Supply Co., 241 Water,  
 New York  
**Kraft A. C.**, 323 W. Lake, Chicago, Ill  
 Noera Mfg. Co., Waterbury, Conn.  
 Star Brass Mfg. Co., 100 E Dedham, Bos-  
 ton, Mass.  
 Wall P. Mfg. Supply Co. ("Walls"), 705  
 Preble av, N S, Pittsburgh, Pa.

### 10276—Oiling System (Continuous)

Burt Mfg. Co., 40 Main, Akron, O.  
 Lavigne Mfg. Co., Detroit, Mich.  
**LUNKENHEIMER CO.** Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O. *See adv index at end of book*

**NUGENT, WM. W. & CO.**,  
 146 W. Superior, Chi-  
 cago, Ill.

*See adv index at end of book*

Richardson-Phoenix Co. ("Richardson"  
 & "Phoenix" Oiling & Filtering Sys-  
 tems, Individual & Central), 122 Re-  
 servoir av, Milwaukee, Wis.

### 10277—Oils Acetone (Ketone)

Cleveland Cliffs Iron Co., Cleveland, O.

### 10278—Oils (Aniline)

Badische Co. (Imported), 128 Duane, New  
 York  
 Benzol Products Co., Marcus Hook, Pa.  
 Calco Chemical Co., Bound Brook, N. J.  
 Chemical Co. of America, 28 Platt, New  
 York  
**Dye Products & Chemical Co.**, 200 5th av,  
 New York  
 Farbwerke-Hoechst Co., 120 Hudson, New  
 York  
 Geisenheimer & Co. (Imp.), 134 Cedar,  
 New York  
 Klipstein A. & Co. (Imp.), 644 Greenwich,  
 New York  
 Marden, Orth & Hastings Co., 61 B'way,  
 New York  
 Midvale Chemical Works, 610 Locust, St.  
 Louis, Mo.  
 Montcalm Chemical Wks., Indianapolis,  
 Ind.  
 Naugatuck Chemical Co., Naugatuck,  
 Conn.  
 Petroleum Products Co., 3917 Neville,  
 Pittsburgh, Pa.  
 Seydel Mfg. Co., 88 Forrest, Jersey City,  
 N. J.  
 Western Aniline Products Co. (Also Para-  
 Toluidine, Ortho-Toluidine), Old Col-  
 ony bldg., Chicago, Ill.

### 10279—Oils (Animal)

Baugh & Sons Co., 20 S Delaware av,  
 Phila., Pa.  
 Dold Jacob Packing Co., Buffalo, N. Y.  
**Morris & Co.**, Union Stock Yards, Chi-  
 cago, Ill.

### 10280—Oils (Anti-Froth)

Providence Drysalters Co., 86 Weybosset,  
 Providence, R. I.

### 10280a—\*Oils (Automobile)

*See also Lubricating Oils & Greases*  
 Empire Oil Works, Oil City, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### Oils (Automobile & Motorcycle)

*See Lubricants, Automobile*

### Oils (Axle)

*See Greases & Oils, Axle*

### 10281—Oils (Bicycle & Sewing Machine)

Atlantic Refining Co., 3144 Passyunk av,  
 Phila., Pa.  
 Baird Bros. & Co., Cleveland, O.  
 Borne-Scrymser Co., 80 South, New York

Cook N. B. Oil Co., 148 Front, New York  
 Cortland Specialty Co., Cortland, N. Y.  
 Emery Mfg. Co., Bradford, Pa.  
**Empire Oil Works, Oil City, Pa. Works:**  
 Reno, Pa.  
 Germania Refining Co., Oil City Pa.  
 Hollingshead R. M. Co. ("Whiz"), Cam-  
 den, N. J.  
 Indian Refining Co., 44 Whitehall, New  
 York  
 National Cement & Rubber Co. ("Oline"  
 & "Verybest"), Toledo, O.  
 National Refining Co., Cleveland, O.  
 Nye Wm. F., New Bedford, Mass.  
 Penn Refining Co., Oil City, Pa.  
 Pierce Oil Corp., Bank of Com. bldg, St.  
 Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh,  
 Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York  
 Texas Company, 17 Battery pl, New York  
 Union Petroleum Co. (In Bulk & Bottles),  
**Widener bldg., Philadelphia, Pa.**  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10282—Oils (Boiler)

Pierce Oil Corp., Bank of Com. bldg, St.  
 Louis, Mo.  
 Rockwell L. A. Co. (also Mechanical Reel),  
 430 Smith, Brooklyn, N. Y.  
 Talmage Mfg. Co. ("Rubra," for Locomo-  
 tives, etc), Cleveland, O.  
 Warren Refining Co., Warren, Pa.

### 10283—Oils (Butter)

Louisville Cotton Oil Co., Louisville, Ky.  
 Proctor & Gamble Co., Cincinnati, O.

### 10284—Oils (Car Cleaning)

Climax Refining Co., Cleveland, O.  
 Columbia Refining Co. ("Columbia" Var-  
 nish Cleaner & Preserver), 90 West,  
 New York  
 Sipe Jas. B. & Co., Bessemer bldg, Pitts-  
 burgh, Pa.

### 10285—Oils (Castor)

Adams Fred C. Co., 234 La Salle, Chi-  
 cago, Ill.  
**Baker Castor Oil Co.**, 120 B'way, New  
 York  
 Bosson & Lane, Atlantic, Mass.  
 Canfield Oil Co. (Vegetable Lubricating),  
 Cleveland, O.  
 Fergusson Bros., 109 Chestnut, Phila., Pa.  
 Fiebling Chemical Co. (Axle), 240 Reed,  
 Milwaukee, Wis.  
 Fuerst Bros. & Co. (Imported), 2 Stone,  
 New York  
**HAMILTON CO.** (Importers), Church &  
 Fulton, New York  
 Hisgen Bros. ("Four Bros"), Albany, N. Y.  
 Houghton E. F. & Co. ("Suefol"), 240  
 W Somerset, Phila., Pa.  
 Kellogg Spencer & Sons, Buffalo, N. Y.  
 Oil Seeds Co., 35 S William, New York  
 Pierce Oil Corp., Bank of Com. bldg, St.  
 Louis, Mo.  
 Webb A. L. & Sons, 115 E Lombard, Bal-  
 timore, Md.  
 Wolf Jacques & Co., (Selling Agents) Pas-  
 sale, N. J.

### 10286—Oils (Castor Machine)

Canfield Oil Co., Cleveland, O.  
 Frost & Cundill, Inc. (Imp.), 60 Wall,  
 New York  
 Indian Refining Co., 44 Whitehall, New  
 York  
 National Refining Co., Cleveland, O.  
 Nye Wm. F., New Bedford, Mass.  
 Pierce Oil Corp., Bank of Com. bldg, St.  
 Louis, Mo.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York  
 Sullivan Oil Co. ("Sullivan's" Gumless),  
 413 Wells, Chicago, Ill.  
 Texas Company, 17 Battery pl, New York

### 10287—Oils (Cement Floor)

National Refining Co., Cleveland, O.  
 Sipe Jas. B. & Co., Bessemer bldg, Pitts-  
 burgh, Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York

### 10288—Oils (China Wood, Im- porters)

Adams Fred C. Co., 234 S La Salle, Chi-  
 cago, Ill.  
 American Trading Co., 25 Broad, New  
 York  
 Ayres, Bridges & Co., 79 Wall, New York  
 Carleton & Moffat, 80 Maiden la, New  
 York  
**ELBERT & COMPANY**, 71 Wall, New  
 York  
 Fearon, Brown Co., 96 Wall, New York  
 Frost & Cundill, Inc. (Imp.), 60 Wall,  
 New York  
 Gillespie L. C. & Sons, 8 Fletcher, New  
 York  
 Gough Richard & Co., 13 William, New  
 York  
 Gross Otto, 66 Beaver, New York  
 Hill's Edw. Sons & Co., 64 Wall, New  
 York  
 Jardine, Matheson & Co., 63 Wall, New  
 York  
 Klipstein A. & Co., 644 Greenwich, New  
 York  
 Lane Geo. W. & Co., 307 Pearl, New York  
 Marden Orth & Hastings Co., 61 B'way,  
 New York  
 Mitsui & Co., 25 Madison av, New York  
**Oil Seeds Co.**, 35 S William, New York  
 Paterson, Boardman & Knapp, 10 Bridge,  
 New York  
 Patterson G. W. S. & Co., 135 Front, New  
 York  
 Peabody H. W. & Co., 17 State, New York  
 Scheel Wm. H., 159 Maiden la, New York  
 Swan & Finch Co., 165 B'way, New York  
 Tappenbeck Wm., 106 Wall, New York  
 Winterbourne S. & Co., 94 Pine, New York

### 10289—Oils (Cochin)

Fuerst Bros. & Co. (Importer), 2 Stone,  
 New York  
 Welch, Holme & Clark Co. ("East In-  
 dia"), 383 West, New York

### 10290—Oils (Cocoa)

American Trading Co. (Imp), 25 Broad,  
 New York

### 10291—Oils (Cocoanut)

Adams Fred C. Co. (Ceylon & Cochin Oil)  
 234 S La Salle, Chicago, Ill.  
 Ayres, Bridges & Co. (Imp), 79 Wall, New  
 York  
**Darragh Small & Co., Ltd. (Imported)**,  
 177 Water, New York  
 Drew E. F. & Co. (Imp), 120 Milk, Bos-  
 ton, Mass.  
 Edible Products Co., 1203 B'way, New  
 York  
**ELBERT & COMPANY** (Imp.), 71 Wall,  
 New York  
 Fearon, Brown Co. (Imp), 96 Wall, New  
 York  
 Frost & Cundill, Inc. (Imp.), 60 Wall,  
 New York  
 Fuerst Bros. & Co. (Imported), 2 Stone,  
 New York  
 Hollingsworth & Peterson, Lafayette bldg,  
 Phila., Pa.  
 Link David C. & Co. (Imp), Produce Ex-  
 change, New York  
 Magnus, Mabee & Reynard (Inc.), 257  
 Pearl, New York  
 McKesson & Robbins (Imp), 91 Fulton,  
 New York  
 Marden, Orth & Hastings Co. (Imp.), 61  
 B'way, New York  
 Mitsui & Co. (Imp.), 25 Madison av, New  
 York  
**Oil Seeds Co.**, 35 S William, New York  
 Pacific Oil & Lead Works, 155 Townsend,  
 San Francisco, Cal.  
 Paterson, Boardman & Knapp, 10 Bridge,  
 New York  
 Philippine Vegetable Oil Co., 11 B'way,  
 New York  
 Simon J. & Co. (Imported), 18 B'way,  
 New York  
 Swan & Finch Co. (Importers), 165 B'way,  
 New York  
**Tennant C. Sons & Co. of N. Y. (Imp)**, 100  
 William, New York  
 Welch, Holme & Clark Co., 383 West, New  
 York  
 Winkler Isaac & Bro., 1st Nat'l Bk. bldg.,  
 Cincinnati, O.



**10292— Oils (Cod)**

See also Oils, Fish

Cook N. B. Oil Co. (Imp.), 148 Front, New York  
 Harvey & Outerbridge (Imp.), 11 B'way, New York  
 McKesson & Robbins (Imp.), 91 Fulton, New York  
 Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York  
 Norwood Jos. W., Gloucester, Mass.  
 Swan Alden S. & Co. (Imp.), 135 Front, New York  
 Swan & Finch Co. (N. F.), 165 B'way, New York  
 Young Frank L. Co. (Pure Cod), 111 Purchase, Boston, Mass.

**10293— Oils (Core)**

See also Compounds, Core

Buckeye Products Co., Cincinnati, O.  
 Cataract Refining & Mfg. Co., Buffalo, N. Y.  
 Cook N. B. Oil Co., 148 Front, New York  
 Damascus Mfg. Co., Cassius av, Cleveland, O.  
 Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.  
 Federal Supply Co., 2639 E. 79th, Cleveland, O.  
 Garnet Co., The (Film), Allentown, Pa.  
 Herruth Core Oil Co., Zion City, Ill.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Kellogg, Spencer & Sons (Linseed Base), Buffalo, N. Y.  
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.  
 Mills C. E. Oil Co., Syracuse, N. Y.  
 National Oil & Supply Co. ("Viscos") 180 Freylinhuysen av, Newark, N. J.  
 National Refining Co., Cleveland, O.  
 Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.  
 Paxson J. W. Co., 1021 N Delaware av, Philadelphia, Pa.  
 Pittsburgh Oil Refining Co. Pittsburgh, Pa.  
 Smith Werner G. Co. ("Linoil"), Hird & N Plate, Cleveland, O.  
 Standard Linseed Co. (Linseed), Willey & Big 4 R. R., Cleveland, O.  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Sterling Oil Co. ("Sterling"), Emlenton, Pa.  
 Stevens Frederick B., 3d & Larned, Detroit, Mich.  
 Sun Co., Finance bldg., Philadelphia, Pa.  
 Thompson & Co. ("Lin-O-Core"), 1111 Galveston av, Pittsburgh, Pa.

**10294— Oils (Corn)**

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 American Hominy Co. Indianapolis, Ind.  
 American Maize-Products Co., 135 William, New York  
 Corn Products Refining Co. ("Paragol" Unadulterated), 17 Battery pl, New York  
 Douglas Co., Cedar Rapids, Ia.  
 Elbert & Co. (Imp.), 71 Wall, New York  
 Hubinger J. C. Bros. Co., New Haven, Conn.  
 Oil Seeds Co., 35 S William, New York  
 Patent Cereals Co., Geneva, N. Y.  
 Union Starch & Refining Co., Edinburg, Ind.  
 Welch, Holme & Clark Co., 383 West, New York

**10295— Oils (Cottonseed)**

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 American Cotton Oil Co., New Orleans, La.  
 American Cotton Oil Co. ("I. & L."), 65 B'way, New York  
 Americus Oil Co., Americus, Ga.  
 Arcadia Cotton Oil Mill & Mfg. Co., Arcadia, La.  
 Bastrop Cotton Oil Co., Bastrop, La.  
 Bowdon Oil Mills, Bowdon, Ga.  
 Boyce Cotton Oil & Mfg. Co. Ltd., Boyce, La.  
 Brode F. W. & Co., Memphis, Tenn.  
 Broussard Cotton Oil Co., Ltd., Broussard, La.  
 Buckeye Cotton Oil Co., Gwenne bldg, Cincinnati, O.  
 Byronville Mfg. Co., Byronville, Ga.

Coweta Cotton Oil Mill, Newnan, Ga.  
 Crescent Cotton Oil Co., Memphis, Tenn.  
 Cuthbert Oil Co., Cuthbert, Ga.  
 Dallas Oil & Refining Co., Dallas, Tex.  
 Delta Oil Co., Greenville, Miss.  
 De Soto Oil Co., Memphis, Tenn.  
 Dixie Cotton Oil Co., Montgomery, Ala.  
 Dixie Cotton Oil Mill, Argenta, Ark.  
 Donaldsonville Oil Mill, Donaldsonville, Ga.  
 East St. Louis Cotton Oil Co. ("Illinois"), East St. Louis, Ill.  
 Elbert & Company (Imp.), 71 Wall, New York  
 Elberton Oil Mills, Atlanta, Ga.  
 Empire Cotton Oil Co., Atlanta, Ga.  
 Farmers' Cotton Oil Co., Americus, Ga.  
 Farmers' Cotton Oil & Fertilizer Co., Huntersville, Ala.  
 Farmers & Ginners' Cotton Oil Co., Austin, Tex.  
 Farmers' Oil Mill, Royston, Ga.  
 Fayetteville Oil Co., Fayetteville, Ga.  
 Field Julian & Co., Atlanta, Ga.  
 Florida Cotton Oil Co., Jacksonville, Fla.  
 Fort Valley Oil Co., Fort Valley, Ga.  
 Gayoso Oil Works, Memphis, Tenn.  
 Globe Soap Co., United Bank bldg, Cincinnati, O.  
 Gohlston Bros., Comer, Ga.  
 Greenville Cotton Oil & Mfg. Co., Greenville, Ga.  
 Griffin Oil Co., Griffin, Ga.  
 Grovania Cotton Oil Co., Grovania, Ga.  
 Gulfport Fertilizer Co., Gulfport, Miss.  
 Havens Oil Co., Washington, N. C.  
 Imperial Cotton Oil Co., Statesville, N. C.  
 Lange Soap Co., San Antonio, Texas  
 Louisville Cotton Oil Co., Louisville, Ky.  
 Mandeville Mills, Carrollton, Ga.  
 Milledgeville Oil Mills, Atlanta, Ga.  
 Morton Oil Mills, Millen, Ga.  
 National Cotton Oil Co., Montgomery, Ala.  
 New Roads Oil Mill & Mfg. Co., Newroads, La.  
 Newton County Oil Mills, Covington, Ga.  
 Norden A. & Co. (Imp.), Cotton Exch. bldg., New York  
 Oil Seeds Co., 35 S William, New York  
 Peoples' Cotton Oil Co., Lafayette, La.  
 Perkins Oil Co., Memphis, Tenn.  
 Phoenix Cotton Oil Co., Memphis, Tenn.  
 Planters' Chemical & Oil Co., Talladega, Ala.  
 Planters' Cotton Oil Co., Augusta, Ga.  
 Planters' Cotton Oil Co., Montgomery, Ala.  
 Portsmouth Cotton Oil Refining Corp., Portsmouth, Va.  
 Proctor & Gamble Co., Cincinnati, O.  
 Red River Oil Co., Alexandria, La.  
 Refuge Cotton Oil Co., Vicksburg, Miss.  
 Richland Cotton Oil Co., Richland, Ga.  
 Richmond Cotton Oil Co., Memphis, Tenn.  
 Roberts Cotton Oil Co., Memphis, Tenn.  
 Rose City Cotton Oil Mill, Argenta, Ark.  
 St. Landry Cotton Oil Co., Opelousas, La.  
 Southern Cotton Oil Co., 120 B'way, New York  
 Summerville Cotton Oil Co., Summerville, Ga.  
 Tennessee Cotton Oil Co., Memphis, Tenn.  
 Thompson Oil Mill Co., Hawkinsville, Ga.  
 Trinity Cotton Oil Co., Dallas, Tex.  
 Union Cotton Oil Co., Fitzgerald, Ga.  
 United Oil Mills, Hope, Ark.  
 Upson County Oil Mills, Thomaston, Ga.  
 Villa Rica Cotton Oil Co., Villa Rica, Ga.  
 Walker Bros. Co., Griffin, Ga.  
 Welch, Holme & Clark Co., 383 West, New York  
 Winder Oil Mill Co., Winder, Ga.  
 Winona Oil & Mfg. Co., Winona, Miss.

**10296— Oils (Creosote)**

Adams Fred C Co., 234 S La Salle, Chicago, Ill.  
 ALCATRAZ CO., INC., 3200 Williamsburg av, Richmond, Va.  
 Barrett Co. ("Barrett's"), 17 Battery pl, New York  
 Bayway Chemical Co., Elizabeth, N. J.  
 City Gas Co., Norfolk, Va.  
 Cleveland Cliffs Iron Co. (Wood), Cleveland, O.  
 Coal Tar Product Co. ("Stag" Brand), 570 Smith, Brooklyn, N. Y.  
 General Naval Stores Co. ("Sunny South"), 90 West, New York  
 Ga. Pine Turpentine Co., 158 Perry, New York  
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York  
 Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.  
 Mashek Chemical & Iron Co., Wells, Mich.

National Aniline & Chemical Co. (Imp.), 100 William, New York  
 Nevins T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Pensacola Tar & Turpentine Co. (Wood), Gull Point, Fla.  
 Semet Solway Co., Syracuse, N. Y.  
 Spiritine Chemical Co., Wilmington, N. C.  
 Standard Chemical Co., Tacoma, Wash.  
 United Gas Improvement Co., Phila., Pa.  
 Wilckes, Martin Wilckes Co., 135 William, New York

**10297—Oils (Cutting, Drilling & Polishing)**

See also Compounds

Anchor Oil & Chemical Co. ("Anchor" Thread Cutting Oils), Cleveland, O.  
 Bayerson Oil Works ("Emulso" Cutting Oil), Erie, Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Climax Refining Co., Cleveland, O.  
 Cook N. B. Oil Co., 148 Front, New York  
 Crescent Oil Co. ("Aqualene"), 30 Church, New York  
 Damascus Mfg. Co. ("Diamond"), Cassius av, Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa. Works: Reno, Pa.  
 Farr Mfg. Co. ("Landral"), No. Tonawanda, N. Y.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co. (Drilling & Polishing), Frick bldg annex, Pittsburgh, Pa.  
 Haws Geo. A. ("Marnile"), 142 Front, New York  
 Houghton E. F. & Co. ("Fileine," "Houghtolard"), 240 W Somerset, Phila., Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 National Refining Co., Cleveland, O.  
 Penn Oil & Supply Co., Ltd. ("Penn" Brand), Oil City, Pa.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pratt B. G. Co. ("Hydroil" Water Oil Cutting Compound), 50 Church, New York  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Sibley Soap Co., Franklin, Pa.  
 Smith, E. A., Hamilton, O.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Sullivan Oil Co. ("Sullivan's Cutting Compounds"), 413 Wells, Chicago, Ill.  
 Talley & Co. ("Taleco"), New Richmond, O.  
 Texas Company, 17 Battery pl, New York  
 Ulco Oil Co. (Cutting), Detroit, Mich.  
 Union Petroleum Co., ("Mineral Lard") Widener bldg., Philadelphia, Pa.  
 Vacuum Oil Co. (Gargoyle, Mobiloils), Rochester, N. Y.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.  
 White & Bagley Co. ("Minolard"), Worcester, Mass.  
 Young Frank L. Co. ("Youkin"), 111th Purchase, Boston, Mass.

**Oils (Cycle)**

See Oils, Bicycle &amp; Sewing Machine

**Oils (Cylinder)**

See Lubricating Oils &amp; Greases

**10298— Oils (Dead)**

United Gas Improvement Co., Phila., Pa.  
 Watson H. F. Co. (For Roofing), Erie, Pa.

**10299— Oils (Degras)**

Cook N. B. Oil Co., 148 Front, New York

**Oils (Dustlaying)**

See Road Binders &amp; Preservatives

**Oils (Dynamic)**

See Lubricating Oils &amp; Greases



**10300— Oils (Emulsion)**

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Jamaica Dyewood & Chemical Co. ("Howell's No. 50"), 50 Church, New York

**Oils (Engine)**

See Lubricating Oils & Greases

**10301— Oils (Essential)**

American Aniline Products, Inc., 80 5th av, New York  
 Apelt-Hermann (Imp.), 87 Pine, New York  
 Barrett M. L. & Co., 233 W Lake, Chicago, Ill.  
 Bush W. J. & Co., 100 William, New York  
 Chris Antoine Co. (Imported), 20 Platt, New York  
 Compagnie Morana, 118 E 27th, New York  
 Dodge & Olcott Co. (Imported), 87 Fulton, New York  
 Elson & Brewer (Imp.), 20 Gold, New York  
 Fritzsche Bros. (Imp.), 82 Beekman, New York  
 Fuerst Bros. & Co. (Imp.), 2 Stone, New York  
 Gross G. V. & Co. (Imp.), 30 Old Slip, New York  
 Heine & Co. (Imp.), 7 Platt, New York  
 Hills Edward Sons & Co. (Imp.), 64 Wall, New York  
 Hutchinson D. W. (Imp.), 94 John, New York  
 Hymes Bros. Co., 235 Pearl, New York  
 Innis, Speiden & Co., Inc. (Imp.), 46 Cliff, New York. See adv index at end of book  
 Isenstein Otto & Co. (Imp.), 10 Hubert, New York  
 Leerburger Bros., 170 B'way, New York  
 Lueders Geo. & Co., 218 Pearl, New York  
 McKesson & Robbins (Imp.), 91 Fulton, New York  
 Magnus, Mabee & Reynard, 257 Pearl, New York  
 Magnus & Lauer, 139 Fremont, San Francisco, Cal.  
 Manheimer J. (Imp.), 28 Gold, New York  
 Muhlethaler Th. Co., 80 John, New York  
 National Aniline & Chemical Co. (Imp.), 100 William, New York  
 Rockhill & Vietor, 22 Cliff, New York  
 Roure-Bertrand Fils, 18 Cedar, New York  
 Stilwell Arthur A. & Co. (Imp.), 28 Cliff, New York  
 Todd A. M. Co., Kalamazoo, Mich.  
 Ungerer & Co. (Imp.), 273 Pearl, New York  
 Wyso Mfg. Co., 3640 20th, San Francisco, Cal.

**10301a Oils (Fish)**

See also Oils, Cod

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 Alexander H. T. & Co., 17 Battery pl, New York  
 Bent James S., 117 First, Boston, Mass.  
 Chadwick & Caffrey, Beaufort, N. C.  
 Clark Fred G. Co., 1081 W 11th, Cleveland, Ohio  
 Cook N. B. Oil Co. (Sperm, Whale, Sea Elephant, Cod, Neatsfoot, Menhaden, etc., Imp.), 148 Front, New York  
 Doane & Bartlett Co., Beaufort, N. C.  
 Dodd A. W. & Co., Gloucester, Mass.  
 Fearon, Brown Co. (Imp.), 96 Wall, New York  
 Frost & Cundill, Inc. (Imp.), 60 Wall, New York  
 Jarecki Chemical Co., Sandusky, Ohio  
 Klipstein A. & Co. (Menhaden), 644 Greenwich, New York  
 Malone Oil Co., Wade bldg., Cleveland, O.  
 Marden, Orth & Hastings Co., 61 B'way, New York  
 Norwood Joseph W., Gloucester, Mass.  
 Nye Wm. F., New Bedford, Mass.  
 Robinson W. A. & Co. (Sperm, Whale, Menhaden, Sea Elephant, etc.), New Bedford, Mass.  
 Swan Alden S. & Co., 135 Front, New York  
 Swan & Finch Co. (Sperm, Fish, Whale, Cod, Seal, etc.), 165 B'way, New York  
 Tarr Geo. J. Co., Gloucester, Mass.  
 Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

**10302— Oils (Floor)**

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.  
 Hilker Edw. Mop Co. ("Hilker" Antiseptic), 2614 W Grand av, Chicago, Ill.  
 Hisgen Bros. ("Four Bros."), Albany, N. Y.  
 Hollingshead R. M. Co. ("Whiz"), Camden, N. J.  
 Indian Refining Co., 44 Whitehall, New York  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Star Lubricating Oil Co., 8714 Broadway, Cleveland, O.  
 Sun Company, Finance bldg, Philadelphia, Pa.  
 Texas Company, 17 Battery pl, New York  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

**10302a— \*Oils (Flotation)**

**GENERAL NAVAL STORES CO.**, 90 West, New York  
 Georgia Pine Turpentine Co., 156 Perry, New York  
 Pensacola Tar & Turpentine Co., Gull Point, Fla.

**10303— Oils (Fusel)**

Albany Chemical Co. (Refined), Albany, N. Y.  
 Amerman & Patterson (Imported), 21 State, New York  
 Anderson Chemical Co. (Refined), Wallington, N. J.  
 Bush W. J. & Co. (Refined), 100 William, New York  
 Celluloid Zapon Co., Stamford, Conn.  
 Franco-American Chemical Co. (Refined), 8 Gold, New York  
 Klipstein A. & Co. (Refined Imp.), 644 Greenwich, New York  
 McKesson & Robbins (Imp.), 91 Fulton, New York  
 Maas & Waldstein, 92 William, New York  
 National Aniline & Chemical Co., 100 William, New York  
 Van Schaack Bros., Chemical Works, 443 W Huron, Chicago, Ill.  
 Wiarda John C. & Co. (Refined Jobbers), 273 Greene, Brooklyn, N. Y.

**10304— Oils (Gas & Fuel)**

Associated Oil Co. (Crude Fuel Oil), Sharon bldg, San Francisco, Cal.  
 Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Canfield Oil Co. (Gas), Cleveland, O.  
 Central Commercial Co. (Fuel), 111 N Market, Chicago, Ill.  
 Central Refining Co., Lawrenceville, Ill.  
 Clarendon Refining Co., Warren, Pa.  
 Craig Oil Co., Toledo, O.  
 Efficiency Oil Corp. ("Efficiency"), Kingshighway & Manchester, St. Louis, Mo.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.  
 Freedom Oil Works Co., Freedom, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Independent Refining Co. (Ltd.), Oil City, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Kendall Refining Co., Bradford, Pa.  
 Louisiana Oil Refining Co., Shreveport, La.  
 Maloney Oil & Mfg. Co., Scranton, Pa.  
 Manufacturers Paraffine Co., Chester, Pa.  
 Mills C. E. Oil Co., Syracuse, N. Y.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Works, Titusville, Pa.  
 Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Prairie Oil & Gas Co., Independence, Kans.  
 Prudential Oil Corp., 17 Battery pl, New York

Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Rollin Mfg. Ass'n & Tank Line Co., Chanute, Kans.  
 Sapulpa Refining Co. (Fuel), Sapulpa, Okla.  
 Southern Oil Corp., Tulsa, Okla.  
 Standard Oil Co. of N. J., 26 B'way, New York  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Sun Co., Toledo, O.  
 Sun Company, Finance bldg, Phila., Pa.  
 Texas Company ("Texaco"), 17 Battery pl, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Union Petroleum Co., Widener bldg., Philadelphia, Pa.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.  
 Wypssbrod E. V. & Co., Findlay, O.

**Oils (Graphite)**

See Lubricating Oils & Greases

**10305— Oils (Harness)**

See also Dressing

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Baum's Castorine Co. ("Castorine"), Rome, N. Y.  
 Climax Refining Co., Cleveland, O.  
 Climax - Western Oil Co. ("Diamond Black"), 2824 10th av S, Minneapolis, Minn.  
 Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.  
 Freedom Oil Works Co., Freedom, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Hisgen Bros. ("Four Bros."), Albany, N. Y.  
 Hollingshead R. M. Co. ("Hollingshead" Dipping & Blacking), Camden, N. J.  
 Indian Refining Co., 44 Whitehall, New York  
 Miller Frank Co., 349 W 26th, New York  
 National Refining Co., Cleveland, O.  
 Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.  
 Sonneborn L. Sons ("Amalie," also Grease), 262 Pearl, New York  
 Standard Oil Co. of N. Y. ("Eureka"), 555 W 25th, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Texas Company, 17 Battery pl, New York  
 Vacuum Oil Co. ("Gargoyle," "Mobiloils," "Mobilubricant"), Rochester, N. Y.  
 World Refining Co., Easton, Pa.

**10306— Oils (Headlight)**

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Crystal Oil Works, Oil City, Pa.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.  
 Freedom Oil Works Co., Freedom, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Galena Signal Oil Co. ("Galena"), Franklin, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Works, Titusville, Pa.  
 Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Texas Company, 17 Battery pl, New York  
 Waverly Oil Works Co., Pittsburgh, Pa.

**10307— Oils (Horse)**

American Reduction Co., 1942 Forbes, Pittsburgh, Pa.  
 Chelsea Refining Co., Chelsea, Okla.

**10308-9— Oils (Illuminating)**

American Oil Works (Ltd.), Titusville, Pa.  
 Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Bayerson Oil Works ("Eriolene"), Erie, Pa.



Canfield Oil Co., Cleveland, O.  
 Clarendon Refining Co., Warren, Pa.  
 Continental Refining Co., Oil City, Pa.  
 Craig Oil Co., Toledo, O.  
 Crystal Oil Works, Oil City, Pa.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.  
 Galena-Signal Oil Co., Franklin, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Independent Refining Co. (Ltd.), Oil City, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Indian Territory Illuminating Oil Co., Bartlesville, Okla.  
 Island Petroleum Co., Neville Island, Pittsburgh, Pa.  
 Loos & Dilworth, 134 S Front, Phila., Pa.  
 Mills C. E. Oil Co., Syracuse, N. Y.  
 Mutual Refining Co. (Ltd.), Warren, Pa.  
 National Refining Co., Cleveland, O.  
 Paragon Refining Co., Toledo, O.  
 Pennsylvania Paraffine Works, Titusville, Pa.  
 Pennsylvania Refining Co., Karns City, Pa.  
 Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Standard Oil Co. of N. J., 26 B'way, New York  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Texas Co. ("Texaco"), 17 Battery pl, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Union Petroleum Co., Widener bldg, Philadelphia, Pa.  
 United Refining Co., Warren, Pa.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10310— Oils (Kerosene)

American Oil Works (Ltd.), Titusville, Pa.  
 Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Canfield Oil Co., Cleveland, O.  
 Central Refining Co., Lawrenceville, Ill.  
 Clarendon Refining Co., Warren, Pa.  
 Columbia Oil Co. of N. Y., 15 William, New York  
 Consumers Refining Co., 176 W Monroe, Chicago, Ill.  
 Crystal Oil Works, Oil City, Pa.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Great Western Oil Co. ("Palacelite"), Cleveland, O.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Kendall Refining Co., Bradford, Pa.  
 Louisiana Oil Refining Co., Shreveport, La.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Works, Titusville, Pa.  
 Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Prudential Oil Corp., 17 Battery pl, New York  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Southern Oil Corp., Tulsa, Okla.  
 Standard Oil Co. of N. J., 26 B'way, New York  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Texas Company, 17 Battery pl, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10311— Oils (Lard)

See also Lubricating Oils & Greases  
 Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 Alexander H. T. & Co., 17 Battery pl, New York  
 Cataract Refining & Mfg. Co. (Mineral Lard), Buffalo, N. Y.  
 Cook N. B. Oil Co., 148 Front, New York  
 Cooper Sanitary Mfg. Co. (Blended), 34th & Chestnut, Phila., Pa.  
 Cortland Specialty Co., 174 Railroad, Cortland, N. Y.

Davies Young Soap Co., Dayton, O.  
 Great Western Oil Co., Cleveland, O.  
 Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.  
 Indian Refining Co., 44 Whitehall, New York  
 Malone Oil Co., Wade bldg., Cleveland, O.  
 Miller Mfg. Co., 668 Eddy, Providence, R. I.  
 Mills C. E. Oil Co., Syracuse, N. Y.  
 National Oil & Supply Co. ("Viscos" Mineralized), 180 Freylinhuysen av, Newark, N. J.  
 Nye Wm. F., New Bedford, Mass.  
 Pacific Coast Beef & Provision Co., Los Angeles, Cal.  
 Pfau's Geo. Sons Co., Jeffersonville, Ind.  
 Pierce Oil Corp., Bank of Commerce bldg, St. Louis, Mo.  
 Stuart D. A. & Co., 29 S La Salle, Chicago, Ill.  
 Sullivan Oil Co., 413 Wells, Chicago, Ill.  
 Swan Alden S. & Co., 135 Front, New York  
 Wilson & Co., 41st & Ashland av, Chicago, Ill.

### 10312-3—Oils (Lawn Mower)

Emery Mfg. Co., Bradford, Pa.  
 Hollingshead R. M. Co. ("Whiz"), Camden, N. J.  
 Indian Refining Co., 44 Whitehall, New York  
 Nye Wm. F. ("Nyoll"), New Bedford, Mass.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
**SUPPLEE-BIDDLE HDW. CO.** ("Pennsylvania"), 5th & Commerce, Phila., Pa.  
*See adv index at end of book*  
 Texas Company, 17 Battery pl, New York  
 Waverly Oil Works Co., Pittsburgh, Pa.

### Oils (Linseed)

See Linseed Oil & Cake Mills

### Oils (Lubricating)

See Lubricating Oils & Greases

### 10314— Oils (Lustre)

Houghton E. F. & Co. (For Velvet & Plush Mfgs.), 240 Somerset, Phila., Pa.

### 10315—Oils (Medicinal Petroleum)

Canfield Oil Co., Cleveland, O.  
 Union Petroleum Co., ("Litholine"), Widener bldg., Philadelphia, Pa.  
 Warren Refining Co., Warren, Pa.

### 10316—Oils (Mineral Seal)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Canfield Oil Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa., Works: Reno, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Island Petroleum Co., Neville Island, Pittsburgh, Pa.  
 Malone Oil Co. (Imported Russian), Wade bldg., Cleveland, O.  
 Mutual Refining Co. (Ltd.), Warren, Pa.  
 Pierce Oil Corp., Bank of Com. bldg., St. Louis, Mo.  
 Standard Oil Co. of N. Y. ("Sacony"), 555 W 25th, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Warren Refining Co., Warren, Pa.

### 10317—Oils (Miners' Torch)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.; Works: Reno, Pa.  
 Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.  
 Independent Refining Co. (Ltd.), Oil City, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.

Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Standard Oil Co. of N. Y. ("Miner's Sunshine"), 555 W 25th, New York  
 Texas Company, 17 Battery pl, New York  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10318— Oils (Monopole)

Wolf, Jacques & Co. ("Dr. Schmitz's"), Lexington av, Passaic, N. J.

### 10319— Oils (Neatsfoot)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 Baum's Castorine Co., Rome, N. Y.  
 Consolidated Rendering Co., 40 N Market, Boston, Mass.  
 Cooper's Peter Glue Factory, 11th av & 28th, New York  
 Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.  
 Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.  
 Hollingshead R. M. Co. ("Hollingshead"), Camden, N. J.  
 Indian Refining Co., 44 Whitehall, New York  
 Malone Oil Co., Wade bldg., Cleveland, O.  
 Marden, Orth & Hastings Co., 61 B'way, New York  
 Nye Wm. F., New Bedford, Mass.  
 Pacific Coast Beef & Provision Co., Los Angeles, Cal.  
 Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.  
 Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.  
 Swan Alden S. & Co., 135 Front, New York  
 Swan & Finch Co. (Jobbers), 165 B'way, New York  
 Walton F. S. Co., Orthodox & Del., Phila., Pa.  
 Wilson & Co., 41st & Ashland av, Chicago, Ill.

### 10320— Oils (Neutral)

Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Canfield Oil Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa. Works: Reno, Pa.  
 Kendall Refining Co., Bradford, Pa.  
 Miller A. D. Sons Co., Columbus, O. & Preble, Pittsburgh, Pa.  
 Muskogee Refining Co., Muskogee, Okla.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Standard Oil Co. of N. J., 26 B'way, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10321— Oils (Oleo)

Consolidated Rendering Co., 40 No Market, Boston, Mass.  
 Pacific Coast Beef & Provision Co., Los Angeles, Cal.  
 Reardon John & Sons Co., Cambridge, Mass.  
 Wilson & Co., 41st & Ashland av, Chicago, Ill.

### 10322— Oils (Paint)

Akron Varnish Co., Akron, O.  
 Alcatraz Co., Inc. ("A. A."), 3200 Williamsburg av, Richmond, Va.  
 Atlantic Paint Co., Cleveland, O.  
 Ball Chemical Co. ("Oxolin"), Fulton bldg, Pittsburgh, Pa.  
 Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
 Climax Refining Co., Cleveland, O.  
 Columbia Refining Co. ("Drithinol"), 90 West, New York  
 Cook N. B. Oil Co., 148 Front, New York  
 De Bar Co., 1 State, New York  
 Fort Pitt Oil & Paint Co., 3209 Liberty, Pittsburgh, Pa.  
 Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Kay & Ess Co. ("Datonia"), Dayton, O.  
 National Refining Co., Cleveland, O.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Riesenman Mfg. Co., Franklin, Pa.  
 Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
 Spiritine Chemical Co., Wilmington, N. C.  
 Sun Company, Finance bldg, Phila., Pa.  
 Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.



Texas Company, 17 Battery pl, New York  
 Union Petroleum Co. ("Union" Film Oil),  
 Widener bldg, Philadelphia, Pa.  
 Viscol Co. (Condensed Paint & Varnish  
 Oils), Cambridge, Mass.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10323— Oils (Palm)

Doggett Stanley (Imp), 11 Cliff, New York  
 Drew E. F. & Co. (Imp), 120 Milk, Bos-  
 ton, Mass.  
**ELBERT & COMPANY** (Imp.), 71 Wall,  
 New York  
 Fuerst Bros. & Co. (Imp), 2 Stone, New  
 York  
 Link David C. & Co. (Imp), Produce Exch,  
 New York  
 Marden, Orth & Hastings Co. (Imp.), 61  
 B'way, New York  
 Merchant & Evans Co., (Imp.), 2035  
 Washington av, Philadelphia, Pa.  
*See our index at end of book*  
 Oil Seeds Co., 35 S William, New York  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Swan & Finch Co. (Importers), 165 B'way,  
 New York  
 Tietgens Paul & Co., (Imp.), Prod. Ex,  
 New York  
 Welch, Holme & Clark Co., 383 West, New  
 York  
 Young Frank L. Co. ("Youkin"), 111 Pur-  
 chase, Boston, Mass.

### 10324— Oils (Paraffine)

Atlantic Refining Co., 3144 Passyunk av,  
 Philadelphia, Pa.  
 Borne-Scrymser Co., 80 South New York  
 Canfield Oil Co., Cleveland, O.  
 Craig Oil Co., Toledo, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Gulf Refining Co., Frick bldg annex, Pitts-  
 burgh, Pa.  
 Indian Refining Co., 44 Whitehall, New  
 York  
 Jacobs Chas. W. & Allison (Imp), (Rus-  
 sian & White), 18 Cedar, New York  
 Manufacturers Paraffine Co., Chester, Pa.  
 National Refining Co., Cleveland, O.  
 Pierce Oil Corp., Bank of Com bldg, St.  
 Louis, Mo.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York  
 Standard Oil Co. of N. J., 26 B'way, New  
 York  
 Standard Oil Co. of N. Y. ("Socony"), 555  
 W 25th, New York  
 Texas Company, 17 Battery pl, New York  
 Tidewater Oil Co., 11 B'way, New York

### 10324a— Oils (Peanut)

Adams Fred C. Co., 234 S La Salle, Chi-  
 cago, Ill.  
 Bleeker Rutgers & Co., (Selling Agents),  
 87 Wall, New York  
 Fidelity Cotton Oil Co., Houston, Tex.  
 Frost & Cundill, Inc. (Imp.), 60 Wall, New  
 York  
 Mitsui & Co. (Imp.), 25 Madison av, New  
 York  
 Norden A. & Co. (Imp.), Cotton Exch.  
 bldg., New York  
 Trinity Cotton Oil Co., Dallas, Tex.

### 10324b— Oils (Perilla)

Frost & Cundill, Inc. (Substitute for Lin-  
 seed Oil. Imp.), 60 Wall, New York

### 10325— Oils (Pine)

See also Oils, Wood

Adams Fred C. Co., 234 S La Salle, Chi-  
 cago, Ill.  
 Chesapeake Oil Co., Stockholm & Peach  
 alley, Baltimore, Md.  
 Forest Products Co. ("Pinosote"), 1212  
 Whitney, New Orleans, La.  
**GENERAL NAVAL STORES CO., INC.**  
 ("Newport"), 90 West, New York  
 Georgia Lumber & Turpentine Co. (Pure  
 Pine), Cutting, Ga.  
 Georgia Pine Turpentine Co. of N. Y., 158  
 Perry, New York  
 Newport Turpentine & Rosin Co., Milwau-  
 kee, Wis.  
 Pensacola Tar & Turpentine Co., Gull Point,  
 Fla.  
 Spiritine Chemical Co., Wilmington, N. C.

### 10326—Oils (Pine, Creosote)

General Naval Stores Co., Inc. ("Sunny  
 South"), 90 West, New York

### 10327—Oils (Pipe Threading)

Atlantic Refining Co., 3144 Passyunk av,  
 Philadelphia, Pa.  
 Climax Refining Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.; Works:  
 Reno, Pa.  
 Hosmer G. A. Co., 375 Ellicott, Buffalo,  
 N. Y.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pierce Oil Corp., Bank of Com bldg, St.  
 Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh,  
 Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Standard Oil Co. of N. Y. ("Sacony"), 555  
 W 25th, New York  
 Star Lubricating Oil Co., 8714 B'way,  
 Cleveland, O.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10328— Oils (Pistonite)

National Refining Co., Cleveland, O.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York

### 10329— Oils (Rapeseed)

Adams Fred C. Co., 234 S La Salle, Chi-  
 cago, Ill.  
 American Trading Co. (Imp.), 25 Broad,  
 New York  
 Cook N. B. Oil Co. (Importers French  
 Burning, Double Refined & Blown  
 Rapeseed), 148 Front, New York  
**ELBERT & COMPANY** (Imp.), 71 Wall,  
 New York  
 Frost & Cundill, Inc. (Imp.), 60 Wall,  
 New York  
 Kellogg Spencer & Sons, Buffalo, N. Y.  
 Kuh E. S. & Valk Co. (Imported), Produce  
 Exchange, New York  
 Norden A. & Co. (Imp.), 60 Beaver, New  
 York  
 Oil Seeds Co., 35 S William, New York  
 Scheel Wm. H. (Imported), 159 Maiden la,  
 New York  
 Sheldon G. W. & Co. (Imported), 8 Bridge,  
 New York  
 Swan Alden S. & Co. (Imported), 135  
 Front, New York  
 Swan & Finch Co. (Imported), 165 B'way,  
 New York  
 Vacuum Oil Co. (Imported), Rochester,  
 N. Y.

### 10330— Oils (Red)

Adams Fred C. Co., 234 S La Salle, Chi-  
 cago, Ill.  
 Bosson & Lane (Turkey Red), Atlantic,  
 Mass.  
 Cellna Stearic Acid Co., Cellna, O.  
 Craig Oil Co., Toledo, O.  
**EMERY CANDLE CO.** ("Elaine"), Cin-  
 cinnati, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Gross A. & Co., 90 West, New York  
 Gulf Refining Co., Frick bldg annex, Pitts-  
 burgh, Pa.  
 Harding & Fancourt (Turkey Red), 516 S  
 Delaware av, Phila., Pa.  
 Klipstein A. & Co. (Imp.), 644 Greenwich,  
 New York  
 Leyland Thos. & Co. (Turkey Red), Read-  
 ville, Boston, Mass.  
 Manufacturers Paraffine Co. ("Victor"),  
 Chester, Pa.  
 National Red Oil & Soap Co. (Turkey Red)  
 Harrison, N. J.  
 National Refining Co., Cleveland, O.  
 Pierce Oil Corp., Bank of Com. bldg, St.  
 Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh,  
 Pa.  
 Rub-No-More Co., Ft. Wayne, Ind.  
 Scheel Wm. H. (Jobber), 159 Maiden la,  
 New York  
 Scholler Bros. Co. (Turkey Red), 3301  
 Amber, Phila., Pa.  
 Shaw John & Co. (Turkey Red), 15 Elkins,  
 S. Boston, Mass.  
 Siegle G. Co. (Turkey Red, Imp.), Rose-  
 bank, S. I., N. Y.  
 Sonneborn L. Sons ("Amalie," Turkey Red)  
 262 Pearl, New York  
 Standard Aniline Products (Turkey Red,  
 Mfrs.), 366 5th av, New York  
 Tidewater Oil Co., 11 B'way, New York

Virginia Products Corp., 3d av & 8th,  
 Baltimore, Md.  
 Warren Refining Co., Warren, Pa.  
 Will & Baumer Co., Syracuse, N. Y.  
 Wolf Jacques & Co., (Turkey Red) Pas-  
 saic, N. J.

### 10330a—\*Oils (Refined Fusel, Ani- line, Creosote, Acetone, Shingle, Dead & Flotation)

**DU PONT CHEMICAL WKS.**, 120  
 B'way, New York

### Oils (Road)

See Road Binders & Preservatives

### 10331— Oils (Rosin)

Adams Fred C. Co., 234 S La Salle, Chi-  
 cago, Ill.  
 Casey Jno. A. Co., 144 Maiden la, New  
 York  
 Hisgen Bros. ("Four Bros."), Albany,  
 N. Y.  
 Magnus, Mabee & Reynard, 257 Pearl,  
 New York  
 Mills C. E. Oil Co., Syracuse, N. Y.  
 New York Rosin Oil & Varnish Co., 90  
 West, New York  
 Peninsular Naval Stores Co., Jacksonville,  
 Fla.  
 Southern Oil & Ink Co., Savannah, Ga.  
 Stevenson Bro. & Co., 110 Race, Phila., Pa.  
 Stoll Varnish Co., Louisville, Ky.  
 Willcox-Ives & Co., Savannah, Ga.

### 10332— Oils (Rubbing)

Indian Refining Co., 44 Whitehall, New  
 York  
 Texas Company, 17 Battery pl, New York

### 10333—Oils (Safety Lamp)

Galena-Signal Oil Co., Franklin, Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York

### Oils (Screw Cutting)

See Oils, Cutting & Polishing

### 10334—Oils (Sea Elephant)

Cook N. B. Oil Co. (Imp.), 148 Front,  
 New York

### 10335— Oils (Seal)

Cook N. B. Oil Co. (Refined Water White,  
 Imp.), 148 Front, New York  
 Miller A. D. Sons Co., Columbus & Preble,  
 Pittsburgh, Pa.

### 10336— Oils (Sesame)

Jacob Chas. W. & Allison (Imp.), 18 Cedar,  
 New York  
 Klipstein A. & Co., 644 Greenwich, New  
 York  
 Norden A. & Co. (Imp.), 60 Beaver, New  
 York  
 Oil Seeds Co., 35 S William, New York

### Oils (Sewing Machine)

See Oils, Bicycle & Sewing Machine

### 10337—Oils (Shingle Stain)

Barclay Naval Stores Co. (Jobbers), 44  
 Whitehall, New York  
 Empire Oil Works, Oil City, Pa. Works,  
 Reno, Pa.  
 General Naval Stores Co. (Inc.), ("Sunny  
 South"), 90 West, New York  
 Georgia Pine Turpentine Co. of N. Y., 158  
 Perry, New York  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York

### 10338— Oils (Signal)

Borne-Scrymser Co., 80 South, New York  
 Emery Mfg. Co., Bradford, Pa.  
 Galena-Signal Oil Co. ("Galena"), Frank-  
 lin, Pa.  
 Gulf Refining Co., Frick bldg annex, Pitts-  
 burgh, Pa.  
 Indian Refining Co., 44 Whitehall, New  
 York  
 National Refining Co., Cleveland, O.  
 Pierce Oil Corp., Bank of Com. bldg, St.  
 Louis, Mo.  
 Pittsburgh Oil Refining Co., Pittsburgh,  
 Pa.



Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Texas Company, 17 Battery pl, New York  
 Vacuum Oil Co. ("Gargoyle Mobiloils"), Rochester, N. Y.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10339— Oils (Silk)

Mills C. E. Oil Co., Syracuse, N. Y.  
 Sonneborn L. Sons ("Amalie" for Textile Use), 262 Pearl, New York

### 10340— Oils (Skid)

Emery Mfg. Co., Bradford, Pa.  
 Warren Refining Co., Warren, Pa.

### 10341— Oils (Soluble)

American Oil Corp., Jackson, Mich.  
 Atlantic Refining Co., 3144 Passyunk av, Philadelphia, Pa.  
 Bayerson Oil Works ("Emulso" Cutting Oil), Erie, Pa.  
 Bosson & Lane, Atlantic, Mass.  
 Canfield Oil Co., Cleveland, O.  
 Damascus Mfg. Co. ("Damascus"), Cassius av, Cleveland, O.  
 Fiske Bros. Refining Co., 21 State, New York  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Harding & Fancourt, 516 S Delaware av, Phila., Pa.  
 Mass & Waldstein Co., 92 William, New York  
 Moore Oil Co., York & McLean av, Cincinnati, O.  
 Munro Robt. A. & Co., 56 Pine, New York  
 National Oil & Supply Co. ("Viscos"), 174 Freylinghuysen av, Newark, N. J.  
 National Red Oil & Soap Co., Harrison, N. J.  
 Nicol J. M. & J. S., N Paterson, N. J.  
 Pawtucket Mordant Co., Pawtucket, R. I.  
 Providence Drysalers Co., 86 Weybosset, Providence, R. I.  
 Schliemann's Oil & Ceresine Co. (Imp.), 25 Beaver, New York  
 Shaw John & Co., 15 Elkins, S Boston, Mass.  
 Sibley Soap Co., Franklin, Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Standard Oil Co. of New York, 555 W 25th, New York  
 Talley Co. ("Talco") New Richmond, O.  
 Thomsen Chemical Co., Munsey bldg., Baltimore, Md.  
 Ulco Oil Co., Detroit, Mich.  
 Wolf Jacques & Co., Passaic, N. J.

### 10342— Oils (Soya Bean)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 American Trading Co. (Imp.), 25 Broad, New York  
 Ayers, Bridges & Co. (Imp.), 79 Wall, New York  
 Carleton & Moffat (Imp.), 80 Maiden la, New York  
 Cook N. B. Oil Co. (Imp.), 148 Front, New York  
**ELBERT & COMPANY** (Imp.), 71 Wall, New York  
 Frost & Cundill, Inc. (Imp.), 60 Wall, New York  
 Gillespie L. C. & Sons (Imp.), 6 Fletcher, New York  
 Gough Richard & Co. (Imp.), 13 William, New York  
 Gross Otto (Imp.), 66 Beaver, New York  
 Jardine, Matheson & Co. (Imp.), 63 Wall, New York  
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York  
 Link D. C. & Co. (Imp.), Produce Exchange, New York  
 Marden, Orth & Hastings Co. (Imp.), 61 B'way, New York  
 Mitsui & Co. (Imp.), 25 Madison av, New York  
 Norden A. & Co. (Imp.), Cotton Exch. bldg., New York  
 Oils Seeds Co., 35 S William, New York  
 Scheel Wm. H. (Imp.), 159 Maiden la, New York  
 Swan Alden S. & Co. (Imp.), 135 Front, New York  
 Swan & Finch Co. (Imp.), 165 B'way, New York  
 Tappenbeck W. (Imp.), 106 Wall, New York  
 Welch, Holme & Clarke Co., 383 West, New York

### 10343—Oils (Sperm & Whale)

See also Oils, Fish

Cook N. B. Oil Co. (Imp.), 148 Front, New York  
 Dodd A. W. & Co., Gloucester, Mass.  
 Nye Wm. F., New Bedford, Mass.  
 Robinson W. A. & Co., New Bedford, Mass.  
 Swan & Finch Co. (Jobbers), 165 B'way, New York  
 Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.

### 10344— Oils (Tanners')

Cook N. B. Oil Co., 148 Front, New York  
 Houghton E. F. & Co. ("C. L."), 240 W Somerset, Phila., Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 National Refining Co., Cleveland, O.  
 Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.  
 Sonneborn L. Sons ("Amalie" & Greases), 262 Pearl, New York  
 Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricant"), Rochester, N. Y.  
 Warren Refining Co., Warren, Pa.

### 10345— Oils (Tar)

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.  
 Fuerst Bros. & Co. (Imp.), 2 Stone, New York  
**GENERAL NAVAL STORES CO. (Inc.)**, ("Sunny South"), 90 West, New York  
 Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York  
 Gulf Refining Co. Frick bldg annex, Pittsburgh, Pa.  
 Mills C. E. Oil Co., Syracuse, N. Y.  
 National Refining Co., Cleveland, O.  
 Pensacola Tar & Turpentine Co., Gull Point, Fla.  
 Spiritine Chemical Co., Wilmington, N. C.  
 Standard Turpentine Co., Jacksonville, Fla.

### 10346— Oils (Tempering)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Climax Refining Co., Cleveland, O.  
 Cook N. B. Oil Co., 148 Front, New York  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa. Works: Reno, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Houghton E. F. & Co., 240 W Somerset, Phila., Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Robinson W. A. & Co. (Sperm & Whale), New Bedford, Mass.  
 Russia Cement Co., Gloucester, Mass.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Swan & Finch Co., 165 B'way, New York  
 Texas Company, 17 Battery pl, New York  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.  
 Young Frank L. Co. ("Youkin"), 111 Purchase, Boston, Mass.  
 Zurn O. F. Co., Broad & Lehigh, Phila., Pa.

### 10347— Oils (Tinner's)

Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
 Macneal Jas. B. & Co. ("Oriole"), Warner & Wooster, Baltimore, Md.

### 10348— Oils (Transformer)

Borne-Scrymser Co., 80 South, New York  
 Climax Refining Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
**GENERAL ELECTRIC CO.** ("Transil"), Schenectady, New York  
 See adv index at end of book  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Hunt Edward J. ("Hunt" Oil, Dryer & Purifier), 707 Ordway bldg, Newark, N. J.

Indian Refining Co., 44 Whitehall, New York  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Sun Company, Finance bldg, Phila., Pa.  
 Texas Company, 17 Battery pl, New York  
 Tidewater Oil Co., 11 Broadway, New York  
 Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricants"), Rochester, N. Y.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10349—Oils (Turbine Engine)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Climax Refining Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Galena-Signal Oil Co., Franklin, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Independent Refining Co. (Ltd.), Oil City, Pa.  
 Indian Refining Co., 44 Whitehall, New York  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Texas Company, 17 Battery pl, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Vacuum Oil Co. ("Gargoyle, Mobiloils, Mobilubricant"), Rochester, N. Y.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10350— Oils (Typewriter)

Climax Refining Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Heale J. A. & Co. ("H. & B."), 96 John, New York  
 Indian Refining Co., 44 Whitehall, New York  
 Miller-Bryant-Pierce Co. ("Diamond"), Aurora, Ill.  
 National Refining Co., Cleveland, O.  
 Nye Wm. F. ("Nyol"), New Bedford, Mass.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Texas Company, 17 Battery pl, New York  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10351— Oils (Valve)

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.  
 Borne-Scrymser Co., 80 South, New York  
 Climax Refining Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa. Works: Reno, Pa.  
 Galena-Signal Oil Co., Franklin, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pittsburgh, Pa.  
 Indian Refining Co. (R-R), 44 Whitehall, New York  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Texas Company, 17 Battery pl, New York  
 Tidewater Oil Co., 11 B'way, New York  
 Vacuum Oil Co. (Gargoyle, Mobiloils, Mobilubricant), Rochester, N. Y.  
 Waverly Oil Works Co., Pittsburgh, Pa.

### 10352— Oils (Vegetable)

Alexander H. T. & Co., 17 Battery pl, New York  
 Cook N. B. Oil Co. (Imp.), 148 Front, New York  
 Corn Products Refining Co. ("Globe," "Diamond," "Mazola" & "Argo"), 17 Battery pl, New York  
 Fuerst Bros. & Co. (Imp.), 2 Stone, New York  
 Knapp Edw. J. Candle Co. (Imp.), Syracuse, N. Y.  
 Nye Wm. F., New Bedford, Mass.



Oil Seeds Co., 35 S William, New York  
 Philippine Vegetable Oil Co., 11 B'way,  
 New York  
 Union Petroleum Co., Widener bldg, Phila.,  
 Pa.

### 10353—Oils (Waterproofing)

Waverly Oil Works Co., Pittsburgh, Pa.

### 10354—Oils (Water-White)

See also Oils, Kerosene

American Oil Works (Ltd.), Titusville, Pa.  
 Atlantic Refining Co., 3144 Passyunk av,  
 Phila., Pa.  
 Canfield Oil Co., Cleveland, O.  
 Clarendon Refining Co., Warren, Pa.  
 Crew-Levick Co., Land Title bldg., Phila.,  
 Pa.  
 Crystal Oil Works, Oil City, Pa.  
 Emery Mfg. Co., Bradford, Pa.  
 Empire Oil Works, Oil City, Pa.  
 Germania Refining Co., Oil City, Pa.  
 Gulf Refining Co., Frick bldg annex, Pitts-  
 burgh, Pa.  
 Independent Refining Co., Oil City, Pa.  
 Indian Refining Co., 44 Whitehall, New  
 York  
 Malone Oil Co. (Mineral), Wade bldg.,  
 Cleveland, O.  
 Mutual Refining Co. (Ltd.), Warren, Pa.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville,  
 Pa.  
 Pittsburgh Oil Refining Co., Pittsburgh,  
 Pa.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Texas Company, 17 Battery pl, New York  
 Tidewater Oil Co., 11 Broadway, New York  
 Union Petroleum Co., Widener bldg, Phila.,  
 Pa.  
 Warren Refining Co., Warren, Pa.

### 10355-6—Oils (Wood)

See also Oils, Pine

Fuerst Bros. & Co. (Imp.), 2 Stone, New  
 York  
 Indian Refining Co., 44 Whitehall, New  
 York  
 Klipstein A. & Co. (Imp.), 644 Greenwich,  
 New York  
 Marden, Orth & Hastings Co. (Imp.  
 China), 61 Broadway, New York  
 Newton Chemical Co., Olean, N. Y.  
 Norden A. & Co. (Imp. China), Cotton  
 Exch. bldg., New York  
 Paterson, Boardman & Knapp, 10 Bridge  
 New York  
 Peabody Henry W. & Co., 17 State, New  
 York  
 Sonneborn L. Sons ("Amalie"), 262 Pearl,  
 New York

### 10357—Oils (Wood & Cordage)

Atlantic Refining Co., 3144 Passyunk av,  
 Phila., Pa.  
 Central Refining Co. (Cordage), Lawrence-  
 ville, Ill.  
 Climax Refining Co., Cleveland, O.  
 Emery Mfg. Co., Bradford, Pa.  
 Gulf Refining Co. (Cordage), Frick bldg  
 annex, Pittsburgh, Pa.  
 Indian Refining Co., 44 Whitehall, New  
 York  
 Pennsylvania Paraffine Wks., Titusville,  
 Pa.  
 Penna. & Del. Oil Co., 90 West, New York  
 Standard Oil Co. of N. Y. ("Sacony"), 555  
 W 25th, New York  
 Union Petroleum Co., Widener bldg, Phila.,  
 Pa.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co. (Cordage), Pitts-  
 burgh, Pa.

### 10358—Oleates

Scheel Wm. H. (Imported), 159 Maiden  
 la, New York

### 10359—Oleine

Bosson & Lane, Atlantic, Mass.

### 10360—Oleum

Contact Process Co., Buffalo, N. Y.

### 10361—Onyx Importers

Grace Wm., 123 Liberty, New York  
 Jackson C. D. & Co., 105th & E R, New  
 York  
 Tompkins, Kiel Marble Co., 505 5th av,  
 New York

### 10362—Onyx Workers

Christa Marble Co., Detroit, Mich.  
 Klaber S. & Co., 21 W 39th, New York  
 Lautz Co., Buffalo, N. Y.  
 McGratty & Sons, 313 Butler, Brooklyn,  
 N. Y.  
 Pickel Marble & Granite Co., 1901 N  
 B'way, St. Louis, Mo.  
 Standard Marble Works, 706 Front, Cin-  
 cinnati, O.  
 Theis Peter Sons, 636 1st av. New York

### 10363—Openers (Bottle)

Arcade Mfg. Co. ("Champion" Wire Cut-  
 ter & Crown Seal Remover), Free-  
 port, Ill.  
 Berk Bros. (Imp.), 543 Broadway, New  
 York  
 Bullman E. O. Mfg. Co., Grand Rapids,  
 Mich.  
 Crown Throat & Opener Co. ("Vaughan's  
 Never Chip" Stationary Crown), 711  
 Fulton, Chicago, Ill.  
 Erie Specialty Co. ("Quick & Easy"), 520  
 W 12th, Erie, Pa.  
 Farrell W. J., 115 Maiden la, New York  
 Flagg Stanley G. & Co., Morris bldg,  
 Phila., Pa.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Jenkinson R. C. & Co. (Wire Bottle Cap  
 Removers), 293 Washington, Newark,  
 N. J.  
 K. & O. Company, 366 Butler, Brooklyn,  
 N. Y.  
 Morgan Spring Co., Worcester, Mass.  
 Reading Saddle & Mfg. Co. (For Cap Bot-  
 tles), Reading, Pa.  
 Ryede Specialty Works ("Ideal Crown"),  
 Rochester, N. Y.  
 Stephens, Windsor & Co. ("Open Close,"  
 "Milk Bottle," "Open & Stopper,"  
 "Dainty" Cap Remover Handle),  
 Waltham, Mass.

### Openers (Box)

See Chisels, Box Openers

### 10364—Openers (Can)

American Cutlery Co. ("The Only"), 764  
 Mather, Chicago, Ill.  
 Andrews Wire & Iron Works ("Chick"  
 "North Pole," "Androck"), Rockford,  
 Ill.  
 Arcade Mfg. Co. (Steel Blade, Wood Han-  
 dle), Freeport, Ill.  
 Bradley & Farnham ("Dandy," "Ever  
 Ready," "Excelsior," "Hercules,"  
 "Little Giant," "Peerless"), Middle-  
 field, Conn.  
 Bridgeport Hardware Mfg. Corp. ("Im-  
 perial," "Up to Date," "No. 5"),  
 Bridgeport, Conn.  
 Browne W. G. Mfg. Co. ("The Best"),  
 "None Such," "I. X. L.," "Shear Cut  
 Clipper," "Keen O," etc), Kingston,  
 N. Y.  
 Browne & Dowd Mfg. Co. ("Never-Slip,"  
 "XXX," "Diamond," "Crescent,"  
 "Sprague," "King" & "Star," with  
 Corkscrew), Meriden, Conn.  
 Buffum Tool Co. ("Swastika"), South  
 Side, Louisiana, Mo.  
 Cassidy Fairbank Mfg. Co. ("Supreme,"  
 "Buckeye," "Trinity"), 6126 S La  
 Salle, Chicago, Ill.  
 Crescent Mfg. Co., Fremont, O.  
 Cronk & Carrier Mfg. Co. ("Perfect"),  
 Elmira, N. Y.  
 Curtiss Geo. L. Co., Southington, Conn.  
 Dover Stamping & Mfg. Co. ("Never Slip  
 Monarch"), Cambridge, Mass.  
 Ellis Mfg. Co. ("Dandy," "Ever Ready,"  
 "Excelsior," "Hercules," "Little  
 Giant"), Milldale, Conn.  
 Fischer Bros. & Corwin, 238 South, New-  
 ark, N. J.  
 Fletcher, Terry Co. ("Sprague"), Forest-  
 ville, Conn.  
 Goodell Co. ("Acme" & "Ferren" Ma-  
 chines), Antrim, N. H.  
 Graef & Schmidt ("Twin Brand"), 107  
 Chambers, New York  
 Graham John H. & Co. ("Peerless" "Del-  
 monico"), 113 Chambers, New York  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hamblin & Russell Mfg. Co. ("Ideal"),  
 Worcester, Mass.  
 Handy Things Mfg. Co. ("Handy"), Lud-  
 ington, Mich.  
 Knickerbocker Mfg. Co. ("20th Century"),  
 Belleville, N. J.

Kraeuter & Co., 583 18th av, Newark,  
 N. J.  
 Landers, Frary & Clark, New Britain,  
 Conn.  
 Lowentraut P. Mfg. Co., 36 Brenner,  
 Newark, N. J.  
 Meisselbach A. F. & Bros., 29 Congress  
 ("Columbia"), Newark, N. J.  
 Nicol & Co. ("I. X. L."), 218 N Jefferson,  
 Chicago, Ill.  
 Ontario Knife Co., Franklinville, N. Y.  
 Osborne C. S. & Co., Harrison, N. J.  
 Parker Wire Goods Co. ("Ideal"), Wor-  
 cester, Mass.  
 Reading Saddle & Mfg. Co. ("Reading")  
 Reading, Pa.  
 Richard Stephen Co. ("S. R."), South  
 bridge, Mass.  
 Rockford Metal Specialty Co. (Rotary  
 Circular), Rockford, Ill.  
 Rocky Hill Hardware Co., Rocky Hill,  
 Conn.  
 S. & I. Co., Springfield, Mass.  
 Sargent & Co., New Haven, Conn.  
 Schatz Mfg. Co. ("Acme," "Kan Kut"),  
 Poughkeepsie, N. Y.  
 Sperry & Alexander Co. ("Centaur" Open-  
 ers & Key Hooks), 79 Chambers, New  
 York  
 Streeter N. R. & Co. ("Tip-Top," "Street-  
 er's," "New Sprague," "American"),  
 Rochester, N. Y.  
 Taplin Mfg. Co., New Britain, Conn.  
 Taylor Mfg. Co. ("Yankee," "Nifty" &  
 "Little Gem" Can & Bottle Opener),  
 Hartford, Conn.  
 Universal Specialty Co. (Locking), 33 E  
 Kinney, Newark, N. J.  
 White Ira F. & Son ("Sure Cut," "Woods,"  
 "Midget," "Bull Dog" Can & Bottle),  
 Bloomfield, N. J.  
 Wrightsville Hardware Co. ("Hopper"),  
 Wrightsville, Pa.

### 10365—Openers (Casement)

Auer John Jr. (Wrought), 197 Middle-  
 ton, Brooklyn, N. Y.  
 Ellison Brass Mfg. Co., Jamestown, N. Y.

### 10366—Openers (Cigar Box)

Amer. Cutlery Co., 764 Mather, Chicago,  
 Ill.  
 Arcade Mfg. Co., Freeport, Ill.  
 Bridgeport Hardware Mfg. Corp. ("Box  
 Terrier," "Nox Tox" Opener & Ham-  
 mer, "Globe," "Matchless" Box Open-  
 er, Nail Puller & Hammer), Bridge-  
 port, Conn.  
 Duffy Mfg. Co., 214 W Grand av, Chicago,  
 Ill.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Lowentraut P. Mfg. Co., 36 Brenner, New-  
 ark, N. J.  
 Miller, DuBrul & Peters Mfg. Co., 507 E  
 Pearl, Cincinnati, O.  
 Nicol & Co., 218 N Jefferson, Chicago, Ill.  
 Osborne C. S. & Co., Harrison, N. J.  
 Stortz John & Son, 210 Vine, Phila., Pa.

### Openers (Crate)

See Chisels, Box Openers

### 10367—Openers (Egg)

Taplin Mfg. Co. ("Champion"), New Brit-  
 ain, Conn.

### Openers (Fruit Jar)

See Wrenches, Fruit Jar

### 10368—Openers (Letter)

American Cutlery Co., 764 Mather, Chi-  
 cago, Ill.  
 Atwater S. I., 101 Lafayette, New York  
 Benedict Mfg. Co., East Syracuse, N. Y.  
 Celluloid Co., 30 Wash. pl., New York  
 Curtis Albert B., Worcester, Mass.  
 Hart H. C. Mfg. Co., Unionville, Conn.  
 Lightning Letter Opener Co. ("Light-  
 ning"), Rochester, N. Y.  
 Mihl & Allegretti, Geneva, N. Y.  
 Mossberg Frank Co. ("Mossberg" Adver-  
 tising), Attleboro, Mass.  
 National Cutlery Co. (Nickel Steel),  
 Westmoreland & Boudinot, Phila., Pa.  
 Novelty Cutlery Co., Canton, O.  
 O. K. Mfg. Co. (Ries "O. K."), Syracuse,  
 N. Y.  
 Tiley, Pratt Co. (Bone), Essex, Conn.  
 Wallace R. & Sons Mfg. Co., Wallingford,  
 Conn.



**10369—Openers (Sash Ventilator for Cars)**

See also Adjusters, Casement  
Wallace Supplies Mfg. Co. ("Wallace Deck"), 412 Orleans, Chicago, Ill.

**10370—Opera Chairs & Assembly Seating**

Allen Chair Co., Concord Junction, Mass.  
American Seating Co., 14 E Jackson blvd, Chicago, Ill.  
Andrews A. H. Co., 115 S Wabash av, Chicago, Ill.  
Hardesty Mfg. Co., Dover, O.  
Harwood's H. J. Sons, 69 Pearl, Boston, Mass.  
Heywood Bros. & Wakefield Co., Gardner, Mass.  
Minneapolis Office & School Furniture Co., 801 S E 8th, Minneapolis, Minn.  
Peabody School Furniture Co., North Manchester, Ind.  
Readsboro Chair Co., Readsboro, Vt.  
Stafford E. H. Mfg. Co., 218 S Wabash av, Chicago, Ill.

**10371—Ophthalmoscopes**

Fowler E. S., 31 State, Chicago, Ill.  
General Optical Co., 538 First av, New York  
Spencer Optical Co., 5 Maiden la, New York

**10372—Optical Goods Mfrs.**

See also Lenses

American Optical Co., Southbridge, Mass.  
Bausch & Lomb Optical Co., Rochester, N. Y.  
Bay State Optical Co. ("Besto" Gold Filled Eye Glass Frames, Eye Glass Chains, etc), Attleboro, Mass.  
Brown D. V., Phila., Pa.  
Central Optical Co., Southbridge, Mass.  
Crown Optical Co., Rochester, N. Y.  
Du Paul, Young Optical Co., Southbridge, Mass.  
Empire Optical Co., Rochester, N. Y.  
General Optical Co., 538 First av, New York  
Gundlach-Manhattan Optical Co., Rochester, N. Y.  
Hope Bros., Knoxville, Tenn.  
Johnston Optical Co., Detroit, Mich.  
Kirby G. J. Co., Willimantic, Conn.  
Kirstein E. Sons Co., Rochester, N. Y.  
Mayer Geo. & Co., Phila., Pa.  
Michigan Optical Co., Detroit, Mich.  
Mohr R. & Sons, San Francisco, Cal.  
New Era Optical Co., Chicago, Ill.  
New Jersey Optical Co., Newark, N. J.  
Omaha Optical Co., Omaha, Neb.  
Optical Specialty Mfg. Co., Southbridge, Mass.  
Pennsylvania Optical Co., Reading, Pa.  
Reisner W. H. Mfg. Co. (Specialties), Hagerstown, Md.  
Spencer Optical Co., New York  
Standard Optical Co., Geneva, N. Y.  
White-Haines Optical Co., Columbus, O.  
Williams Brown & Earle, Philadelphia, Pa.  
Wilson T. A. & Co., Reading, Pa.

**10373—Ordnance (Light & Heavy)**

Bethlehem Steel Co. (Of All Calibres), South Bethlehem, Pa.  
Colts Patent Fire Arms Mfg. Co. (Rapid Fire Machine Guns), Hartford, Conn.  
Dreggs Mfg. Corp'n (Rapid Fire Machine Guns), New Haven, Conn.  
General Ordnance Co., Derby, Conn.  
Maxim Munitions Corp'n, Equitable bldg., New York  
Savage Arms Corp. ("Lewis" Machine Guns), Utica, N. Y.  
Watervliet Arsenal, Watervliet, N. Y.

**10373a—Ore (Emery)**

Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.

**Ore Trestles & Tipples (Steel)**

See Tipples, Mine

**10374—Oreide**

Hungerford U. T. Brass & Copper Co. "Star" Brand Soft in Rolls, 80 Lafayette, New York

**10375—Ores (Aluminum)**

Aluminum Ore Co., East St. Louis, Ill.  
Earle E. P., 165 B'way, New York  
Seligman Arthur, 165 B'way, New York

**10376—Ores (Antimony)**

Beer, Sondheimer & Co., 61 B'way, New York  
Earle E. P., 165 B'way, New York  
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
Fuerst Bros. & Co., 2 Stone, New York  
Gross Otto (Imp.), 66 Beaver, New York  
Philipp Bros. (Imp.), 29 B'way, New York  
Seligman Arthur, 165 B'way, New York

**10377—Ores (Bauxite)**

Harrison's, Inc., 35th & Grays Ferry rd, Phila., Pa.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
Lennig Chas. & Co., 112 S Front, Phila., Pa.

**10378—Ores (Bismuth)**

Earle E. P., 165 B'way, New York  
Philipp Bros. (Imp.), 29 B'way, New York  
Seligman Arthur (Imp.), 165 B'way, New York

**10378a—Ores (Cerium)**

**FOOTE MINERAL CO.** (Imp.), 107 N 19th, Phila., Pa.

**10379—Ores (Chrome)**

American Refractories Co. (Ground), 208 So La Salle, Chicago, Ill.  
Daft A. C. (Mfrs.' Agent), Oliver bldg., Pittsburgh, Pa.  
Federal Refractories Co., Cleveland, O.  
Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
General Refractories Co., 111 B'way, New York  
Harbison-Walker Refractories Co. (For Basic Open-Hearth Furnaces, etc), Farmers' Bank bldg, Pittsburgh, Pa.  
Humphreys E. C. Co., Book bldg., Detroit, Mich.  
Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

**10380—Ores (Copper)**

American Metal Co., 61 B'way, New York  
Baerwald Emil, 61 B'way, New York  
Beer, Sondheimer & Co., 61 B'way, New York  
Ducktown Sulphur, Copper & Iron Co. (Mattes), Isabella, Tenn.  
Earle E. P., 165 B'way, New York  
Huff Electrostatic Separator Co. (With Heavy Ganguls), 60 India, Boston Mass.  
Irvington Smelting & Refining Works, Irvington, N. J.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
Mitsui & Co. (Imp.), 25 Madison av, New York  
Mountain Copper Co. (Ltd.), 332 Pine, San Francisco, Cal.  
National Zinc Co., Kansas City, Kansas  
Philipp Bros. (Imp.), 29 B'way, New York  
Seligman Arthur, 165 B'way, New York  
Tottenville Copper Co., Tottenville, N. Y.  
U. S. Metals Refining Co., 120 B'way, New York  
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.  
Vogelstein L. & Co., 42 B'way, New York

**10381—Ores (Garnet)**

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

**10382—Ores (Gold)**

Irvington Smelting & Refining Works, Irvington, N. J.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
Philipp Bros. (Imp.), 29 B'way, New York  
U. S. Metals Refining Co., 120 B'way, New York  
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.

**10383—Ores (Iron)**

Addy Matthew Co., 1st Natl. Bank bldg, Cincinnati, O.  
Beer, Sondheimer & Co., 61 B'way, New York  
Benson Mines Co. (Miners), Benson Mines, St. Lawrence Co., N. Y.  
Blwabik Mining Co., Youngstown, O.  
Breitung E. N. & Co., Cleveland, O.  
Brown Mining Co., Cardiff, Tenn.  
Cheever Iron Ore Co., Port Henry, N. Y.  
Citico Furnace Co., Chattanooga, Tenn.  
Cleveland Cliffs Iron Co., Cleveland, O.  
Cornwall Ore Bank Co. (Miners), Cornwall, Pa.  
Corrigan, McKinney & Co., Cleveland, O.  
Davidson Ore Mining Co., White bldg, Buffalo, N. Y.  
Debevoise-Anderson Co., 56 Liberty, New York  
Dover Iron Co., Bear Spring, Tenn.  
Earle E. P., 165 B'way, New York  
Empire Steel & Iron Co., Catasauqua, Pa.  
Florence Iron Co. of Wisconsin, 25 Broad, New York  
Fort Henry Mining Co., Cleveland, O.  
**Hanna M. A. & Co.**, Cleveland, O.  
Lafollette Coal & Iron Co., Lafollette, Tenn.  
Lake Erie Ore Co., Rockefeller bldg, Cleveland, O.  
Le Belle Iron Works, Steubenville, O.  
Lea J. Tatnall & Co., St. Girard bldg, Phila., Pa.  
**LEAVITT C. W. & CO.** (Agents), 34 Church, New York *See adv index at end of book*  
Loretto Iron Co., 1400 Fulton, Chicago, Ill.  
Mahoning Ore & Steel Co., Widener bldg, Phila., Pa.  
Mineral Mining Co., Milwaukee, Wis.  
Napier Iron Works, Nashville, Tenn.  
Naylor & Co., 120 B'way, New York  
Newport Mining Co., Milwaukee, Wis.  
Northern Iron Co., Real Estate bldg, Phila., Pa.  
Oglebay, Norton & Co., Wade bldg, Cleveland, O.  
Penn Iron Mining Co., Phila., Pa.  
Pewabic Co., Milwaukee, Wis.  
Pickands, Brown & Co., 332 S. Michigan av, Chicago, Ill.  
Pickands, Mather & Co., Western Reserve bldg, Cleveland, O.  
Pilling & Crane (Agent), Real Estate bldg, Phila., Pa.  
Port Henry Iron Ore Co., 2 Rector, New York  
Reserve Mining Co., Commonwealth, Wis.  
Rogers-Brown Iron Co., Erie County Bk. bldg, Buffalo, N. Y.  
Shenango Furnace Co. (Bessemer & Non-Bessemer), Oliver bldg, Pittsburgh, Pa.  
Snyder W. P. & Co. (Bessemer & Non-Bessemer), Oliver bldg, Pittsburgh, Pa.  
Spring Valley Iron Co., Wellston, O.  
Tod-Stambaugh Co., 601 Perry-Payne, Cleveland, O.  
Witherbee Sherman & Co., 2 Rector, New York  
Wittman N. B. & Co. (Imp. of Spanish Ore), Commercial Trust bldg, Philadelphia, Pa.

**10384—Ores (Lead)**

Beer, Sondheimer & Co., 61 B'way, New York  
Earle E. P., 165 B'way, New York  
Irvington Smelting & Refining Works, Irvington, N. J.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
Philipp Bros. (Imp.), 29 B'way, New York  
Seligman Arthur, 165 B'way, New York  
United States Smelting, Refining & Mining Co., 55 Congress, Boston, Mass.  
Vogelstein L. & Co., 42 B'way, New York

**10384a—Ores (Lithium)**

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

**10385—Ores (Magnesite)**

American Refractories Co., 208 So La Salle, Chicago, Ill.  
Federal Refractories Co., Cleveland, O.  
Foote Mineral Co. (Imp.), 107 N. 19th, Philadelphia, Pa.  
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburgh, Pa.  
Humphreys E. C. Co., Book bldg, Detroit, Mich.



**10386— Ores (Manganese)**

American Metal Co., 61 B'way, New York  
 Beer, Sondheimer & Co., 61 B'way, New York  
 Dana & Co., 111 B'way, New York  
 Doggett Stanley (Jobbers), 11 Cliff, New York  
 Earle E. P., 165 B'way, New York  
 Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
 Humphreys E. C. Co., Book bldg, Detroit, Mich.  
 Lavino E. J. & Co. (Lump & Ground), Bullitt bldg, Phila., Pa.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
 Naylor & Co., 120 B'way, New York  
 Samuel Frank, Harrison bldg, Phila., Pa.  
 Seligman Arthur, 165 B'way, New York  
 Stanley's Creek Manganese & Iron Co. (Miners), Marion, Va.  
 Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

**10387—Ores (Molybdenum)**

Dorl F. & Co. (Imp.), 13 Park Row, New York  
 Earle E. P., 165 B'way, New York  
 Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
 Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.  
 Philipp Bros. (Imp.), 29 B'way, New York  
 Primos Chemical Co., Primos, Pa.  
 Seligman Arthur, 165 B'way, New York

**10388— Ores (Platinum)**

Irvington Smelting & Refining Works, Irvington, N. J.  
 Vogelstein L. & Co., 42 B'way, New York

**10389— Ores (Purple)**

Pennsylvania Salt Mfg. Co. (In Bulk, Free from Phosphorus, Nodulized Free from Phosphorus), Widener bldg, Phila., Pa.

**10390— Ores (Pyrites)**

American Metal Co., 61 B'way, New York  
 Arminius Chemical Co., 44 Pine, New York  
 Davis Sulphur Ore Co. (Imp.), 65 Wall, New York  
 Earle E. P., 165 B'way, New York  
 Lavino E. J. & Co. (Imp.), Bullitt bldg, Phila., Pa.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
 Lennig Chas. & Co., 112 S Front, Phila., Pa.  
 Naylor & Co., 120 B'way, New York  
 Northern Ore Co., Edwards, N. Y.  
 St. Lawrence Pyrites Co., De Kalb Junction, N. Y.  
 Seligman Arthur, 165 B'way, New York

**10391— Ores (Red)**

Pennsylvania Salt Mfg. Co. (For Gas Purification), Widener bldg, Phila., Pa.

**10392— Ores (Silica)**

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

**10392a— Ores (Strontium)**

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

**10393— Ores (Sulphur)**

Arminius Chemical Co. ("Arminius"), Mineral, Va.  
 Ledoux Augustus D. (Imp.), 15 William, New York

**10393a— Ores (Tantalum)**

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

**10393b— Ores (Thorium)**

**FOOTE MINERAL CO.** (Imp.), 107 N 19th, Philadelphia, Pa.

**10394— Ores (Tungsten)**

Atkins, Kroll & Co., 311 California, San Francisco, Cal.  
 Earle E. P., 165 B'way, New York  
**FOOTE MINERAL CO.** (Imp.), 107 N 19th, Phila., Pa.

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.  
 Norden A. & Co. (Imp.), 60 Beaver, New York  
 Philipp Bros. (Imp.), 29 B'way, New York  
 Seligman Arthur, 165 B'way, New York

**10395— Ores (Uranium)**

Earle E. P., 165 B'way, New York  
 Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
 Philipp Bros. (Imp.), 29 B'way, New York

**10396— Ores (Vanadium)**

Dorl F. & Co. (Imp.), 13 Park Row, New York  
 Earle E. P., 165 B'way, New York  
 Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.  
 Philipp Bros. (Imp.), 29 B'way, New York

**10396a— Ores (Yttrium)**

Foote Mineral Co. (Imp.), 107 N 19th, Phila., Pa.

**10397— Ores (Zinc)**

American Metal Co., 61 B'way, New York  
 American Zinc, Lead & Smelting Co., Caney, Kans.  
 Beer, Sondheimer & Co., 61 B'way, New York  
 Earle E. P., 165 B'way, New York  
 Federal Mining & Smelting Co., Mullan, Idaho  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
 National Zinc Co., Kansas City, Kans.  
 Northern Ore Co., Edwards, N. Y.  
 Seligman Arthur, 165 B'way, New York  
 Vogelstein L. & Co., 42 B'way, New York

**10398— Ores & Mattes**

American Metal Co., 61 B'way, New York  
 Earle E. P., 165 B'way, New York  
 Philipp Bros. (Imp.), 29 B'way, New York  
 Vogelstein L. & Co., 42 B'way, New York

**10399— Organs**

Marked thus (\*) indicates Pipe  
 Marked thus (\$) indicates Cabinet Reed  
 Adler Mfg. Co., Louisville, Ky.  
 \$Aeolin Co., 29 W 42d, New York  
 \*Austin Organ Co. ("Austin"), Hartford, Conn.  
 Baldwin Co., 142 W 4th, Cincinnati, O.  
 Bates & Culley, 1827 S 11th, Phila., Pa.  
 Beckwith Organ Co., Louisville, Ky.  
 \*Bennett Organ Co., Rock Island, Ill.  
 \$Bent Geo. P. Co., 214 S Wabash, Chicago, Ill.  
 \$Bilhorn Bros., 136 W Lake, Chicago, Ill.  
 \$Cable Co., 301 S Wabash av, Chicago, Ill.  
 Cable Piano Co., 137 W 4th, Cincinnati, O.  
 \*Carpenter Co., Brattleboro, Vt.  
 \*Casavant Bros., South Haven, Mich.  
 \$Chase A. B. Co., Norwalk, O.  
 Chute & Butler Co., Peru, Ind.  
 Clark, Melville Piano Co., 410 S Michigan av, Chicago, Ill.  
 \$Clough & Warren Co., University bldg, Detroit, Mich.  
 Cole James Co., Melrose, Mass.  
 \*DeCourcy A. B. & Co., 634 Harrison av, Boston, Mass.  
 Eifert & Stochr, 920 2d av, Long Island City, N. Y.  
 \*Eifler Christopher, Darby, Pa.  
 Estey Organ Co., Brattleboro, Vt.  
 \*Felgemaker A. B. Erie Organ Co., Erie, Pa.  
 Foley & Williams Piano Co., 19 W Jackson blvd, Chicago, Ill.  
 \*Haskell Chas. S., 1520 Kater, Phila., Pa.  
 \*Hausmann Otto & Co., 1208 Kinnikinnick, Milwaukee, Wis.  
 Hillgreen, Lane & Co., Alliance, O.  
 \$Hiners Organ Co., Pekin, Ill.  
 Hohner M., 114 E 16th, New York  
 \*Hook & Hastings Co., Kendal Green, Mass.  
 Howard Emmons Organ Co., Westfield, Mass.  
 \$Hughes & Son Piano Mfg. Co., Foxcroft, Me.  
 Hutchings Organ Co., 18 Tremont, Boston, Mass.  
 Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.  
 Jackson Organ Co., Burlington, Ia.  
 Jansen & Joosten, Flanagan, Ill.  
 \*Jones David, Jersey City, N. J.

\*Kilgen Geo. & Sons, 3825 Laclede av, St. Louis, Mo.  
 Kimball, Smallman & Frazee Organ Co., 101 B'way Ext., Boston, Mass.  
 Kimball W. W. Co., 304 S Wabash av, Chicago, Ill.  
 \*\$Lyon & Healy, 245 S Wabash av, Chicago, Ill.  
 \$Mason & Hamlin Co., 492 Boylston, Boston, Mass.  
 \*Midmer Reuben & Son, 375 Fulton, Brooklyn, N. Y.  
 \$Miller Organ & Piano Co., Lebanon, Pa.  
 \$Moller M. P., Hagerstown, Md.  
 Morey Clarence, E Utica, N. Y.  
 Needham Piano Co., 520 W. 48th, New York  
 \$Newman Bros. Co., 806 Dix, Chicago, Ill.  
 \*Odell J. H. & C. S. & Co., 409 W 42d, New York  
 \*Odell Wm. H., 407 W 42d, New York  
 \$Packard Piano Co., Fort Wayne, Ind.  
 Palm E. E., Mount Penn, Pa.  
 Peterson J. Co., Moline, Ill.  
 \*Pilcher's Henry Sons, Louisville, Ky.  
 \$Putnam W. W. & Co., Staunton, Va.  
 Reed Geo. W. & Son, West Boylston, Mass.  
 Schaaf Adam, 700 W Madison, Chicago, Ill.  
 Schantz A. J. Sons & Co., Orrville, O.  
 \$Schultz M. Co., 711 Milwaukee av, Chicago, Ill.  
 \$Seybold Piano & Organ Co., Elgin, Ill.  
 Shipman Organ Co., High Point, N. C.  
 \$Shoninger B. Co., New Haven, Conn.  
 Skinner Ernst M. Co., 215 Sydney, Boston, Mass.  
 \*Smith Organ Co., North Tonawanda, N. Y.  
 Southern Piano & Organ Co., Houston, Tex.  
 \*Steere John W. & Son Organ Co., Springfield, Mass.  
 \*Stein Adam, 5 N Green, Baltimore, Md.  
 \*\$Stevens Organ & Piano Co., Marietta, O.  
 Swan S. N. & Sons, Freeport, Ill.  
 \*Tellers-Sommerhof Organ Co., Erie, Pa.  
 \*Van Dinter Louis H., Mishawaka, Ind.  
 Viner & Son, 30 Lansing, Buffalo, N. Y.  
 \$Votey Organ Co., 29 W 42d, New York  
 \*Votteler Henry J. & Son, 37 Arcade, Cleveland, O.  
 White A. L. Mfg. Co., 215 Englewood av, Chicago, Ill.  
 Whitney & Currier Co., Toledo, O.  
 \*Wicks Pipe Organ Co., Highland, Ill.  
 \$Wilcox & White Co., Meriden, Conn.  
 \$Williams Piano & Organ Co., 14 W Washington, Chicago, Ill.  
 \*Wirsching Co., Salem, O.  
 Wright Wm. S., Dover, N. J.

**10400—Organs (Mechanical)**

Autophone Co., Ithaca, N. Y.

**10401—Organs (Military Band)**

Dentzel William H., 3641 Gtn av, Phila., Pa.  
 Niagara Musical Instrument Co. (Automatic), N Tonawanda, N. Y.  
 North Tonawanda Musical Instrument Wks., N Tonawanda, N. Y.  
 Parker C. W., Leavenworth, Kans.  
 Wurlitzer Rudolph Co., 117-21 E 4th, Cincinnati, O., & N Tonawanda, N. Y.

**10401a—Ornamental Brass &****Bronze**

**BUFFALO WIRE WORKS CO.**, 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*

**10402 — \* Ornamental Iron & Bronze Work (for Export)**

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

**10403—Ornaments (Candy & Cake Box)**

Grammes L. F. & Sons, Allentown, Pa.

**10404—Ornaments (Clock)**

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.



**10405-6-7—Ornaments (Composition)**

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.  
 Buehner A. Decorators' Supply Co., St. Louis, Mo.  
 Decorators' Supply Co., Archer av & Leo, Chicago, Ill.  
 Detroit Decorative Supply Co., Detroit, Mich.  
 Emmel Chas. & Rose Co. (Papier Mache Compo Staff, Plaster, etc), 383 Albany, Boston, Mass.  
 Emmel Company, 81 Bristol, Boston, Mass.  
 Jennens W. H. Co., 1811 Baltimore av, Kansas City, Mo.  
 Meislahn C. F. & Co., 19 Clay, Baltimore, Md.  
 Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.  
 Root C. R., Hartford, Conn.  
 Schneider F. H., Syracuse, N. Y.  
 Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.  
 Walter G. E., 157 E 44th, New York

**Ornaments (Fence)**

See Rosettes & Pickets, Iron; also Rosettes & Pickets, Steel

**10408—\*Ornaments (Gable)**

See also Ornaments, Sheet Metal

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

**10409—Ornaments (Harness)**

Cogan J. W. Co., Sudbury bldg, Boston, Mass.  
 Duranoid Mfg. Co. (Rings, Rosettes, etc), 213 Chestnut, Newark, N. J.  
 Reynold-Zahn Co., 46 Mechanic, Newark, N. J.

**10410—Ornaments (Lead)**

National Lead Co., 111 B'way, New York  
 United Lead Co., 111 B'way, New York

**10411—Ornaments (Plastic)**

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.  
 Berger H. Sons, 302 E 37th, New York  
 Betkouskie Martin F., Los Angeles, Cal.  
 Buehner A. Decorators' Supply Co., St. Louis, Mo.  
 Decorators' Supply Co., Archer av & Lee, Chicago, Ill.  
 Detroit Decorative Supply Co., Detroit, Mich.  
 Dini Geo. L., 483 Baltic, Brooklyn, N. Y.  
 Duchemin Geo. W., 37 Wainwright, Newark, N. J.  
 Eastman Plastic Relief Co., 23rd & Dickson, St. Louis, Mo.  
 Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.  
 Emmel Company, 81 Bristol, Boston, Mass.  
 Farley W. E. & Bro., 3635 Market, Phila., Pa.  
 Harnisch Adolph A. (Stucco), Syracuse, N. Y.  
 Jennens W. H. Co., 1811 Baltimore av, Kansas City, Mo.  
 Klee-Thomson Co., 327 E 40th, New York  
 Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.  
 Root C. R., Hartford, Conn.  
 Schneider F. H., Syracuse, N. Y.  
 Seifert F. A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.  
 Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.  
 Walter G. E., 157 E 44th, New York

**10412—Ornaments (Post Card)**

Grammes L. F. & Sons (Metal), Allentown, Pa.

**10413—Ornaments (Sheet Metal)**

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Broschart & Braun, 601 W 130th, New York  
**EDWARDS MFG. CO.** (Stamped), 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Fargo Cornice & Ornament Co., Fargo, N. D.  
 Foster Sheet Metal Co., Springfield, Ill.

Frand M. J. & Co., Camden, N. J.  
 Friedley-Voshardt Co. (Inc.), 733 S Halsted, Chicago, Ill.  
 Gara, McGinley Co., 23 S 17th, Phila., Pa.  
 Gerock Bros. Mfg. Co. (Zinc & Copper), 1252 S Vandeventer av, St. Louis, Mo.  
 Goshen Cornice Wks., Goshen, Ind.  
 Hergert Theo. E. (For Cornices, etc), 422 E 53rd, New York  
 Jones Thos. W., 153 Maiden Lane, New York  
 Kelly Wm. J., 446 Adelphi, Brooklyn, N. Y.  
 Michigan Hdw. Co., Grand Rapids, Mich.  
 Miller & Doing, 60 York, Brooklyn, N. Y.  
 Milwaukee Corrugating Co., Milwaukee, Wis.  
 Mullins W. H. Co., 341 Franklin, Salem, O.  
 Northwestern Roofing, Cornice & Stamping Works, 1111 S 5th, Minneapolis, Minn.  
 Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.  
 Phila. Metal Stamping Co., 2215 Chestnut, Phila., Pa.  
 Porter Iron Roofing & Corrugating Co. (Stamped & Spun), 522 Culvert, Cincinnati, O.  
 St. Paul Roofing, Cornice & Ornament Co., Wabash & Water, St. Paul, Minn.  
 Scott Roofing & Mfg. Co. (Standard & Spun), 408 Culvert, Cincinnati, O.  
 Thoresen Wm., 1916 W North av, Chicago, Ill.  
 Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.  
 Welmer C. A., Lorain, O.

**10414—Ornaments (Transfer)**

Brown-Sinramm Co., 1 W 34th, New York  
 Decalcomania Co., 20 W Jackson blvd, Chicago, Ill.  
 Fechteler Frank, 42 Union sq, New York  
 Meyercoed Co. (Inc.) (Decalcomania), Chamber of Commerce, Chicago, Ill.  
 National Decalcomania Co., 240 N 60th, Phila., Pa.  
 Palm Bros. Co., Spencer av nr Cleeneay, Norwood, Cincinnati, O.  
 Palm Fechteler & Co., 67 5th av, New York  
 Towle F. S. Co. (Imp.), 332 B'way, New York  
 Translucent Window Sign Co. (Imp.), 118 E 28th, New York

**10415—Ornaments (Wood)**

American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.  
 Bogert & Hopper, 67 Barclay, New York  
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.  
 Curtis Bros. & Co. (For the Trade Only), Clinton, Ia.  
 Curtis, Towle & Paine Co. (For the Trade Only), Lincoln, Neb.  
 Estes E. B. & Sons (Carved, Turned & Grille Works, etc), 358 5th av, New York *See adv index at end of book*  
 Farley & Loetscher Mfg. Co., Dubuque, Ia.  
 Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.  
 Hyde-Murphy Co., Ridgway, Pa.  
 Morgan Co. (For the Trade Only), Oshkosh, Wis.  
 N. Y. Carved Moulding Co., 139th & 3rd av, New York  
 Ohio Scroll & Lumber Co., Covington, Ky.  
 Pierce W. E. & Co., Milford, N. H.  
 Roberts Sash & Door Co. (For the Trade Only), 920 W 20th, Chicago, Ill.  
 Rowe Henry Mfg. Co. (Rosettes, Carvings, etc), Newaygo, Mich.  
 Spanjer Bros., Newark, N. J.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
 Stephenson Mfg. Co., South Bend, Ind.  
 Waddell Mfg. Co. (Rosettes, Carved, Grilles, etc), Grand Rapids, Mich.  
 Western Sash & Door Co., Kansas City, Mo.

**10416—Oscillators**

Wolf Co., Chambersburg, Pa.

**10417—Oscillators (Electric Fan)**

Extensive Mfg. Co., 90 West, New York

**10418—Oscillographs**

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

**10419—Outfits (Photo-Engravers)**

Dodge Processes, The, 13 Park Row, New York

**10420—Outfits (Steel Etching)**

Sawyer Tool Mfg. Co., Ashburnham, Mass.

**10421—Outriggers (Arc Lamp)**

Cutter Geo. Co. (Pulleys, etc), South Bend, Ind.

**10422—Oven Builders (Brick & Portable)**

Albrecht Francis J. (Brick, Inside Heating, also Continuous), Pittsburgh, Pa.  
 American Oven & Machine Co. ("Peel," Brick), 111 W Washington, Chicago, Ill.  
 Bailey G. E. & Sons (Brick), Mansfield, Mass.  
 Blendinger Fred A. (Brick), 824 O'Hara, Pittsburgh, Pa.  
 Blodgett G. S. Co. (Portable), Burlington, Vt.  
 Clad V. & Sons (Portable), 16th & Callowhill, Phila., Pa.  
 Clarey Jas. Co. ("O. X. O."), 766 11th av, New York  
 Crandall-Pettee Co. (Portable Reel), 135 Hudson, New York  
 Duhrkop Oven Co. (Brick), 15 Park Row, New York  
 Dumbleton Thos. & Son (Brick), 619 Carlton av, Brooklyn, N. Y.  
 Evans & Eichner ("Willey" Portable), 29 W Lake, Chicago, Ill.  
 Fish Rotary Oven Co. ("Fish" Rotary Brick & Portable Rotary), Walworth, Wis.  
 Gorndt C. A. & Co., 189 W Madison, Chicago, Ill.  
 Hall S. L. Co. (Brick), 7 S Dearborn, Chicago, Ill.  
 Hilcher Chas. G. & Co. (Brick), 4220 Indiana av, Chicago, Ill.  
 Hogberg Oven Co., Marquette bldg, Chicago, Ill.  
 Hubbard Portable Oven Co. (Portable), 1130 Belden av, Chicago, Ill.  
 Iis John G. & Co., 839 Mission, San Francisco, Cal.  
 Keller A. E. (Portable), 136 Beekman, New York  
 Kosicky Patent Bake Oven Co. (Brick), 1079 Mt. Ell, Detroit, Mich.  
 McDowell Oven Co. (Portable), 282 State, Boston, Mass.  
 Meek Oven Co. (Portable Reel), Newburyport, Mass.  
 Middleby-Marshall Oven Co. (Portable), 769 W Adams, Chicago, Ill.  
 Petersen Oven Co. (Brick), 112 W Adams, Chicago, Ill.  
 Reid Portable Oven Co. (Portable), Palace Arcade, Buffalo, N. Y.  
 Rinck Chas. & Bro., 826-28 Oliver, Cincinnati, O.  
 Rinck Jno. G., John, Williams & Colerain, Cincinnati, O.  
 Roberts Portable Oven Co. ("Black Diamond"), 2024 N Major av, Chicago, Ill.  
 Rockwell L. A. Co. (Mechanical Reel for Biscuits & Crackers), 430 Smith, Brooklyn, N. Y.  
 Standard Oven Co. (Brick), Oliver bldg, Pittsburgh, Pa.  
 Varney Heating & Mfg. Co., Leavenworth, Kan.  
 Walz Henry J. Co., 72 E Huron, Buffalo, N. Y.  
 Watkins J. Y. & Son, 16 Catharine, New York  
**WERNER & PFLEIDERER CO.** (Steam Pipe Draw Plate), Saginaw, Mich.  
*See adv index at end of book*  
 Williams Oven Mfg. Co. ("Williams" Sectional Brick), 41 Park row, New York

**Ovens (Annealing)**

See Furnaces, Annealing & Case Hardening

**10423—Ovens (Bread)**

Blodgett G. S. Co., Burlington, Vt.  
 Koven L. O. & Bro. (Broad Proofing), 154 Ogden av, Jersey City, N. J.  
 Meek Oven Co. ("Meek" Gas), Newburyport, Mass.



Oven Equipment & Mfg. Co. ("Crawford" Sectional Continuous Process, Conveyor), New Haven, Conn.  
 Sloan Novelty Mfg. Co. ("Sloan-Oven" for Biscuits, Cakes, etc), S W cor 20th & Wyandotte, Kansas City, Mo.  
**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*

#### 10424—Ovens (By-Product, Coke & Gas)

Gas Machinery Co., 1900 Euclid av, Cleveland, Ohio  
 Koppers H. Co. ("Koppers"), Union Arcade, Pittsburgh, Pa.  
 National Chamber Oven Co., 404 Lombardy, Cincinnati, O.  
 Otto Coking Co., Inc., 6 Church, New York

#### 10425— Ovens (Core)

American Gas Furnace Co., 24 John, New York  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Blodgett G. S. Co. (Portable, Galvanized Iron), Burlington, Vt.  
 Brass Founders' Supply Co. (For Brass Fdrs.), Hamburg pl, Newark, N. J.  
 Buckeye Products Co., Cincinnati, O.  
 Central Foundry Supply Co., P. O. Box 945, Columbus, O.  
 Cullen & Atkinson Co. (Revolving), Hartford, Conn.  
 Foundry Equipment Co., Cleveland, O.  
 Haarmann G. & Co., Holyoke, Mass.  
 Hagen Geo. J. Co., Peoples Bank bldg, Pittsburgh, Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.  
 Meek Oven Co. ("Meek"), Newburyport, Mass.  
 Millett Core Oven Co., Springfield, Mass.  
 Monarch Engineering & Mfg. Co. ("Monarch-Acme", "Monarch-Arundel" & "Monarch Junior"), American bldg., Baltimore, Md.  
 Oven Equipment & Mfg. Co. ("Crawford" Sectional), New Haven, Conn.  
 Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.  
 Roberts Portable Oven Co. ("Black Diamond"), 2024 N Major av, Chicago, Ill.  
 Rockwell W. S. Co. (Also Core Baking), 50 Church, New York  
*See adv index at end of book*  
 Sly W. W. Mfg. Co. ("Swallow"), 4700 Train av, Cleveland, O.  
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Wadsworth Core Mach. & Equip Co., Akron, O.  
 Wellman-Seaver-Morgan Co., Cleveland, O.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*  
 Whiting Foundry Equipment Co., Harvey, Ill.  
 Woodison E. J. Co., Detroit, Mich.

#### 10426— Ovens (Electric)

Consolidated Car Heating Co. (Japanning & Baking), Albany, N. Y.  
 Despatch Mfg. Co. (For Enamel Baking, Bluing, Annealing, Vulcanizing, etc), 104 2nd, N, Minneapolis, Minn.  
 Elmer & Amend ("Frease" Electrically Heated), 205 3d av, New York  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 International Instrument Co., Cambridge, Mass.  
 Oven Equipment & Mfg. Co. ("Crawford"), New Haven, Conn.  
 Schaar & Co. ("Hexagon"), 1025 S State, Chicago, Ill.  
 Thermo Mfg. Co., Cleveland, O.  
 Weco Mfg. Co. ("Weco"), 144 Pearl, Boston, Mass.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

#### 10427— Ovens (Enameling)

American Enamel Co. ("Mascot"), Providence, R. I.  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Blodgett G. S. Co. (Portable Galvanized Iron), Burlington, Vt.  
 Buckeye Boiler Co., Dayton, O.

Cullen & Atkinson Co. (Gas or Gasoline), Hartford, Conn.  
 Despatch Mfg. Co. (Electric), 104 2d, N, Minneapolis, Minn.  
 Detroit Heating & Lighting Co., Detroit, Mich.  
 Evans & Eichner ("Enterprise"), 29 W Lake, Chicago, Ill.  
 Gehnrich Indirect Heat Oven Co. (Sectional Portable), 60 Franklin av, Brooklyn, N. Y.  
 Maehler Paul Co., 807 W Lake, Chicago, Ill.  
 Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.  
 Oven Equipment & Mfg. Co. ("Crawford" Sectional), New Haven, Conn.  
 Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*  
 Steiner E. E. & Co. (Gas), 58 Union, Newark, N. J.  
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*  
 U. S. Gas Furnace Co. (Drying or Baking), 46 Clifford, Providence, R. I.  
 Van Dorn Iron Works Co. (Japan), 2700 E 79th, Cleveland, O.

#### 10428—Ovens (Gas & Oil Stove)

Adler H. Co. ("Acme"), Carnegie, Pa.  
 Andrews Wire & Iron Works, Rockford, Ill.  
 Block I. & Son ("Star"), 393 Pearl, New York  
 Brown Stamping Co., Toledo, O.  
 Central Oil & Gas Stove Co. ("Florence"), Gardner, Mass.  
 Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.  
 Connolly Mfg. Co. ("Yankee"), 123 Liberty, New York  
 Detroit Vapor Stove Co., Detroit, Mich.  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Enterprise Mfg. & Cons. Co., 1706 Washington av, Kansas City, Mo.  
 Geisel A. Mfg. Co. ("Ideal", "New Century", "Ozark"), 219 S 2d, St. Louis, Mo.  
 Grinberg Bros. ("Eagle"), 154 South, New York  
 Harris J. Co. (Cooking Acetylene), Cleveland, O.  
 Hillson Hyman M. Co., Somerville, Mass.  
 Howes S. M. Co. ("Daylight", Glass Door, "Boston"), 42 Union, Boston, Mass.  
 Huenefeld Co. ("Boss", with Glass Door), Cincinnati, O.  
 Kimball-Dietrich Hardware Co. ("Elgin"), Elgin, Ill.  
 Lawson F. H. Co., Cincinnati, O.  
 Ohio State Stove Co. ("Efficient" Glass Door), Columbus, O.  
 Reliable Stove Co. ("Reliable"), Cleveland, Ohio  
 Silver & Co., 312 Hewes, Brooklyn, N. Y.  
 Sloan Novelty Mfg. Co. ("Sloan"), S W cor 20th & Wyandotte, Kansas City, Mo.  
 Welskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.  
 Wheeling Stove & Range Co., Wheeling, W. Va.  
 Wotherspoon Jas. R., 238 N Front, Phila., Pa.

#### 10429—Ovens (Japanning or Baking)

Blodgett G. S. Co. (Portable Galvanized Iron), Burlington, Vt.  
 Consolidated Car Heating Co. (Electric), Albany, N. Y.  
 Despatch Mfg. Co. (Electric), 104 2d, N Minneapolis, Minn.  
 Gehnrich Indirect Heat Oven Co. (Sectional Portable), 60 Franklin av, Brooklyn, N. Y.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 Meek Oven Co. ("Meek"), Newburyport, Mass.  
 Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.  
 Oven Equipment & Mfg. Co. ("Crawford" Sectional Ovens & Gas Burner; also Conveyor), New Haven, Conn.  
 Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*  
 Steiner E. E. & Co. (Gas), 58 Union, Newark, N. J.  
 U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.  
 Van Dorn Iron Works Co. (Japanning), 2700 E 79th, Cleveland, O.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

#### 10430—Ovens (Wire Bluing)

Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*  
 Tate-Jones & Co., Empire bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

#### Oxide of Antimony

*See Antimony Oxide*

#### Oxide of Cobalt

*See Cobalt*

#### 10431— Oxide of Copper

Drakenfeld B. F. & Co., 50 Murray, New York  
 Feuchtwanger L. & Co., 54 Fulton, New York  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
 Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

#### 10432— Oxide of Iridium

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

#### 10433— Oxide of Iron

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Atlas Paint Co., Nashville, Tenn.  
 Avery Chemical Co., Boston, Mass.  
 Bowker Chemical Co. (For Gas Purification), 2 Rector, New York  
**CRYSTAL CHARLES B.** (Red, Imp), 13 Cliff, New York  
*See adv index at end of book*  
 Connelly Iron Sponge & Governor Co. (For Gas Purification), 227 Fulton, New York  
 Coulston J. W. & Co. (Importers), 80 Maiden Lane, New York  
 Drakenfeld B. F. & Co. (Red & Black, Imp.), 50 Murray, New York  
 Greenpoint Chemical Works (For Gas Purification), 425 Greenpoint av, Brooklyn, N. Y.  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
 Iron Hydroxide Co. (For Gas Purification) Phila., Pa.  
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.  
**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
 Mepharm Geo. S. & Co., 20th & Lynch, E St. Louis, Ill.  
 Osborn C. J. Co. (Reds, Imp), 132 Nassau, New York  
 Prince Mfg. Co., 165 B'way, New York  
 Princes' Metallic Paint Co. ("Genuine", Red, Brown & Black), Allentown, Pa.  
 Reichard F. A. (Imp.), 95 Madison av, New York  
 Riches, Piver & Co. (Imp.), 30 Church, New York  
 Roessler & Hasslacher Chemical Co. 100 William, New York  
 Scheel Wm. H. (Imp.), 159 Maiden Lane, New York  
 Smith J. Lee & Co. (Imp.), 19 Jacob, New York  
 Western Oxide & Specialty Co. ("Western" for Gas Purification), 2117 S Jefferson, Chicago, Ill.  
**WESTMORELAND CHEMICAL & COLOR CO.** (Pure), 925 Chestnut, Phila., Pa.  
 Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.  
**WILLIAMS C. K. & CO.** ("Anchor Brand" Dry), Easton, Pa.

#### Oxide of Lead

*See Litharge*

#### 10434—Oxide of Manganese

Drakenfeld B. F. & Co. (Black, Brown & Recovered, Imp.), 50 Murray, New York  
 Fuerst Bros. & Co. (Imp.), 2 Stone, New York  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.  
 Massee & Co. (Imp.), 24 Stone, New York  
 Nat'l Lead & Oil Co. (of Pa.), Commonwealth bldg, Pittsburgh, Pa.



Roessler & Hasslacher Chemical Co.  
(Black), 100 William, New York  
Scheel Wm. H. (Imp.), 159 Maiden Lane,  
New York  
Tennant C. Sons & Co. of N. Y. (Imp.), 100  
William, New York  
Wiarda John C. & Co., 273 Greene, Brook-  
lyn, N. Y.

**10435—Oxide of Nickel**

Harshaw, Fuller & Goodwin Co., Electric  
bldg., Cleveland, O.  
Roessler & Hasslacher Chemical Co., 100  
William, New York

**10436—Oxide of Silver**

Drakenfeld B. F. & Co. (Imp.), 50 Mur-  
ray, New York

**10437—Oxide of Tin**

Feuchtwanger, L. & Co., 54 Fulton, New  
York  
Harshaw, Fuller & Goodwin Co., Electric  
bldg., Cleveland, O.  
Johnston & Jennings Co., Addison rd & N.  
Y. C. R. R., Cleveland, O.  
*See adv index at end of book*  
Lorraine Smelting & Refining Co., 25 N  
Dearborn, Chicago, Ill.  
Roessler & Hasslacher Chemical Co., 100  
William, New York  
Wiarda John C. & Co., 273 Greene, Brook-  
lyn, N. Y.

**Oxide of Uranium**

*See Uranium Oxide*

**10438—Oxide of Zinc**

Ball Bros. Glass Mfg. Co., Muncie, Ind.  
Bird J. A. & W. & Co. ("Schmidt &  
Baus"), 88 Pearl, Boston, Mass.  
Chrystal Charles B. (Imp.), 13 Cliff, New  
York *See adv index at end of book*  
Coulston J. W. & Co. (Imp.), 80 Maiden  
la, New York  
Doggett Stanley, 11 Cliff, New York  
Drakenfeld B. F. & Co. (Imp.), 50 Murray,  
New York  
Gabriel & Schall ("Anchor" Brand, Imp),  
205 Pearl, New York  
Harshaw, Fuller & Goodwin Co., Electric  
bldg., Cleveland, O.  
Katzenbach & Bullock Co. (Imp), Tren-  
ton, N. J.  
Mallinckrodt Chemical Wks, 2d & Mal-  
linckrodt, St. Louis, Mo.  
Mineral Point Zinc Co., 140 S Dearborn,  
Chicago, Ill. Works: Mineral Point,  
Wis.  
New Jersey Zinc Co. ("White Seal," "Red  
Seal," "Green Seal"), 55 Wall, New  
York  
Roessler & Hasslacher Chemical Co., 100  
William, New York  
Scheel Wm. H. (Imported), 159 Maiden la,  
New York  
Smith J. Lee & Co. (French Process, Imp),  
19 Jacob, New York  
Uhlich Paul & Co. (French Process, Imp),  
11 Cliff, New York  
Wiarda Jno. C. & Co., 273 Greene, Brook-  
lyn, N. Y.

**Oxide (Red)**

*See Litharge*

**10439—Oxone**

Roessler & Hasslacher Chemical Co. (For  
Producing Oxygen), 100 William, New  
York

**10440—\*Oxy-Acetylene Equipment  
For Cutting & Welding**

MACLEOD CO., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book*  
MILBURN A. ALEXANDER CO., 1420 W.  
Baltimore, Baltimore, Md.  
*See adv index at end of book*

**When writing to firms listed  
in this book please mention  
HENDRICKS'  
COMMERCIAL RECISTER**

**10441—Oxygen****LINDE  
OXYGEN**

FOR  
**WELDING  
CUTTING**  
CARBON REMOVING

Distributing Stations in  
Sixty Cities

**THE LINDE AIR  
PRODUCTS CO.**

42d St. Bldg., New York City

**LINDE AIR PRODUCTS CO., 42nd St.**  
bldg., New York.

*See adv index at end of book*  
Swift & Co. (Oxygen Dept), Union Stock  
Yards, Chicago, Ill.

**10442—Oxymuriate of Antimony**

Merrimac Chemical Co., 148 State, Boston,

**10442a—Packages (Fruit & Vege-  
tables)**

Barden & Robeson, Penn Yan, N. Y.  
Baumeister F. & Son, Rockwood, Mich.  
Burlington Basket Co. (Double Covered),  
Burlington, Ia.  
Bryant John T. (Wooden), Springfield, O.  
Butler Basket Co. (Bamboo, Splint, etc),  
Butler, Ind.  
Colby-Hinkley Co. (Baskets & Veneers),  
Benton Harbor, Mich.  
Cumberland Fruit Package Co. ("Ewald,"  
Folding), Cumberland, Wis.  
Farmers Mfg. Co., Norfolk, Va.  
Guile & Windnagle, Penn Yan, N. Y.  
Hamper & Basket Mfg. Co., Bridgeton,  
N. J.  
Huke Wm. Rattan & Willow Ware Mfg.  
Co., 1007 S 7th, St. Louis, Mo.  
Marvil Package Co., Conore, Del.  
Moeck & Redmon Basket Mfg. Co., Peru,  
Ind.  
Mullen Bros. Paper Co., St. Joseph, Mich.  
New Albany Box & Basket Co. (Splint),  
New Albany, Ind.  
Peru Basket Co. (Bamboo & Splint), Peru,  
Ind.  
Planters Mfg. Co., Portsmouth, Va.  
Portville Basket Co., Brockton, N. Y.  
Powhatan Basket & Veneer Co. (Wooden  
Splint, for Shipping), Norfolk, Va.  
Pugh Foundry Co., 19 W Levee, Kansas  
City, Mo.  
Sanitary Metal Basket Co., Lafayette, Ind.  
Wells-Higman Co. (Also Crates), St.  
Joseph, Mich.  
Yates Lumber Co., Penn Yan, N. Y.

**Packers (Cement)**

*See Packing Machines; also Bag Filling  
Machines*

**Packers (Flour, Bran & Feed)**

*See Packing Machines; also Bag Filling  
Machines*

**10443—Packers (Linseed & Cotton-  
seed Cake)**

French Oil Mill Machinery Co., Piqua, O.  
Southern Cotton Oil Co., 120 B'way, New  
York

**10444—Packers (Oil Well)**

*See also Rubber Goods, Mechanical*  
Dresser S. R. Mfg. Co., Bradford, Pa.  
Goodrich B. F. Co., Akron, O.  
Hewitt Rubber Co. (Swab Rubbers), Buf-  
falo, N. Y.  
Kane Supply Co., Kane, Pa.  
Larkin J. J., Bartlesville, Okla.

Larkin & Co., Butler, Pa.  
McElwaine Mfg. & Auto Co., Bradford, Pa.  
Masseth Packer & Machine Works ("Mas-  
seth's"), Butler, Pa.  
New York Rubber Co., Reade & Church,  
New York  
Oil Well Supply Co., 215 Water, Pittsburgh,  
Pa.  
Parkersburg Machine Co. ("Parmaco"),  
Parkersburg, W. Va.  
Pennsylvania Rubber Co., Jeannette, Pa.  
Robinson Packer & Machine Co., Coffey-  
ville, Kans.  
Spang & Co., Butler, Pa.

**10445—Packers (Shingle)**

De Loach Mill Mfg. Co., Bridgeport, Ala.  
Lane Mfg. Co., Montpelier, Vt.  
Mitts & Merrill, Saginaw, Mich.  
Street Bros. Machine Works, Chattanooga,  
Tenn.  
Trevor Mfg. Co., Lockport, N. Y.

**10446—Packers (Sub-Surface)**

Dunham Co. (Also Surface), Berea, O.  
Parlin & Orendorff Co. ("P. & O"), Can-  
ton, Ill.

**10447—Packing (Air)**

Detroit Leather Specialty Co. (Inc.)  
("Wear Well" Leather), 275 Beecher  
av, Detroit, Mich.  
Goetze Gasket & Packing Co. ("Goetze"  
& "Goetzerit"), New Brunswick, N. J.  
McQUAY-NORRIS MFG. CO. ("Leak-  
Proof" Piston Head), 2306 Locust, St.  
Louis, Mo. *See adv index at end of book*  
Niagara Falls (Ont) Gasket & Packing  
Co., Church & Fulton, New York  
*See adv index at end of book*

**10448—\*Packing (Air Compressor)**

McQUAY-NORRIS MFG. CO. ("Leak-  
Proof"), 2806 Locust, St. Louis, Mo.  
*See adv index at end of book*

**10449—Packing (Asbestos)**

American Asbestos Co. (Metallic Sheet,  
Asbestos Rod, Ring, Wick, Rope &  
Braided), Norristown, Pa.  
American Steam Packing Co., 191 High,  
Boston, Mass.  
Asbestos Fibre Spinning Co., North Wales,  
Pa.  
Asbestos & Rubber Works of America  
("Asbestolith"), 58th & B'way, New  
York  
Boonton Rubber Co. (Hard Rubber & As-  
bestos Rings), Boonton, N. J.  
Carey Philip Mfg. Co. (Asbestos, Air, Am-  
monia, Hydraulic, Pump, Steam, etc),  
330 Wayne av, Lockland, Cincinnati, O.  
Cincinnati Rubber Co., Cincinnati, O.  
Combination Rubber Mfg. Co. (High Pres-  
sure), Bloomfield, N. J.  
Crandall Packing Co., Palmyra, N. Y.  
DANUBIL CO. ("Danubil," "Hudsonil" &  
"Convention"), Postal Telegraph bldg,  
New York  
Dealers Steam Packing Co., Palmyra, N. Y.  
Empire Tire & Rubber Corp. ("Duplex"),  
East Trenton, N. J.  
*See adv index at end of book*  
Essex Rubber Co., Trenton, N. J.  
Fibre Rock Mfg. Co., 4566 Silverwood,  
Phila., Pa.  
Franklin Mfg. Co. ("Franklin"), Franklin,  
Pa.  
Garlock Packing Co., Palmyra, N. Y.  
GASKET SUPPLY CO. (Superheat, also  
Rubbertreated Paper), 1927 Ludlow,  
Phila., Pa.  
*See adv index at end of book*  
General Asbestos Rubber Co. ("Garco,"  
"Fibro-Metallic," "Valbestine"),  
Charleston, S. C.  
Gillen-Chamber Co., 66 N Front, Portland,  
Ore.  
Goetze Gasket & Packing Co. ("Goetze-  
rit"), New Brunswick, N. J.  
Goodyear Tire & Rubber Co. ("Everlast"),  
Akron, O.  
Johns H. W.-Manville Co. ("J-M Kear-  
sarge," Asbestos-Metallic Sheet, "J-M  
Permonite"), Madison av & 41st, New  
York  
Johns-Pratt Co. ("Vulcobeston" Red Fibre,  
Sheet), Hartford, Conn.  
Keasbey & Mattison Co., Ambler, Pa.  
Royal Equipment Co. ("Roybestos"),  
Bridgeport, Conn.



**STRONG MACHINERY & SUPPLY CO.**  
 ("Strong's Tisafine" Grapho Asbestos Valve & Piston & Sheet), 21 Walker, New York. See adv index at end of book  
**United States Asbestos Co.** ("Usaco," "Carboline"), Lancaster, Pa.  
**Vulcan Asbestos Mfg. Co.**, Produce Exchange, New York  
**Watson H. F. Co.**, Erie, Pa.  
**Wing J. T. & Co.**, 19 Woodward av, Detroit, Mich.  
**Woven Steel Hose & Rubber Co.**, Trenton, N. J.

### 10450—Packing (Asbestos, Metallic, Cloth)

**Acme Asbestos Covering & Supply Co.**, 404 N Ada, Chicago, Ill.  
 See adv index at end of book  
**American Asbestos Co.**, Norristown, Pa.  
**Asbestos Fibre Spinning Co.**, North Wales, Pa.  
**Asbestos & Rubber Works of America**, 58th & B'way, New York  
**Carey Phillip Mfg. Co.**, 330 Wayne av, Lockland, Cincinnati, O.  
**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. See adv index at end of book  
**General Asbestos Rubber Co.** ("Garco"), Charleston, S. C.  
**Johns H. W.-Manville Co.**, Madison av & 41st, New York  
**Keasbey & Mattison Co.**, Ambler, Pa.  
**U. S. Asbestos Co.**, Lancaster, Pa.  
**Watson H. F. Co.**, Erie, Pa.

### 10451—Packing Box Mfrs.

#### ARKANSAS.

**MARIANNA—Miller Lumber Co.**

#### CALIFORNIA.

**FRESNO—Fresno Flume & Lumber Co.**  
**SAN FRANCISCO—California Pine Box & Lumber Co.**, 1st Nat'l. Bk. bldg.  
**Mercantile Box Co.**, 318 Market  
**Pacific Box Factory**, Beach nr Mason  
**Standard Box Co.**, Bryant & Beale  
**Wood E. K. Lumber Co.**, 112 Market

#### COLORADO.

**DENVER—Hallack & Howard Lumber Co.**

#### CONNECTICUT.

**BRIDGEPORT—Hoffman H. C. & Co.**  
**HARTFORD—Rockwell John W. & Sons Co.**  
**NEW HAVEN—Brett P. Hubbell & Merwin Co.**  
**McLean Andrew Sperry & Amos Co.**

#### FLORIDA.

**JACKSONVILLE—Cummer Lumber Co.**

#### GEORGIA.

**ATLANTA—Hightower Box & Tank Co.**  
**Union Lumber & Box Mfg. Co.**  
**SAVANNAH—Pierpont Mfg. Co.**

#### ILLINOIS.

**CHICAGO—Acme Box Co.**, 1401 W 21st pl  
**Chicago Mill & Lumber Co.**, 111 W Washington  
**Consumers Box Mfg. Co.**, 925 Halsted  
**Excelsior Box Co.**, 311 S Jefferson  
**Goodwillie Bros.** (Also Wausau, Wis., & Manistique, Mich.), 10 La Salle  
**Goodwillie D. M. Co.** (Pine & Hardwood), 22d & Allport  
**Herman K. I. Co.**, 217 N Morgan  
**Hummel & Downing Co.**, 343 S Dearborn  
**Illinois Packing Box Co.**, 925 W Halsted  
**Jones, Coates & Bailey**, 1014 Hooker  
**Kurz-Downey Co.**, Blackhan & N Branch  
**McNeill, Lauff & McNeill**, 925 N Halsted  
**Monarch Box Co.**, 925 N Halsted  
**National Box Co.**, 38th & Racine av  
**Paepcke-Leicht Lumber Co.**, 111 W Washington  
**Rathborne, Hair & Ridgway Co.**, 2279 S Union av  
**Soper Box Co.** (Pine, Hemlock, etc), 2204 Loomis  
**Stinson Box Co.**, 2129 S Peoria  
**Tegtmeyer Box & Lumber Co.**, 1828 S Canal

**GENEVA—Pope, Cannon Box Co.**  
**HOOPESTON—Moore & McFerren**  
**KARNAK—Main Bros. Box & Lumber Co.**  
**ROCKFORD—Green Bros. Box & Lumber Co.**  
**SPRINGFIELD—Abbott Bros.**

#### INDIANA.

**CRAWFORDSVILLE—Crawfordsville Wire & Nail Co.**  
**ELWOOD—Indiana Box Co.**  
**INDIANAPOLIS—Ballweg & Co.**  
**Dietz Fred Co.**, 1102 Madison av

#### KANSAS.

**KANSAS CITY—Kansas City Packing Box Co.**

#### KENTUCKY.

**LOUISVILLE—Booker Box Co.**  
**Mengel Box Co.**  
**MAYFIELD—Mayfield Planing Mills**

#### LOUISIANA.

**BONAMI—King-Ryder Lumber Co.**  
**NEW ORLEANS—Alcus S. T. & Co. (Ltd.)**, Hagan av & New Basin  
**Globe Packing Box Co.**, Washington & I. C. R. R. Crossing  
**Hasam Box Factory**, 621 N Rocheblave av  
**Pelican Box Factory**, Mire & Julian  
**Powell Box Co. (Ltd.)**, Audubon bldg

#### MAINE.

**AUBURN—Conant F. R. Co.**  
**Hutchins H. Wesley Co.** (Veneer Boxes)  
**Page N. L. & Son Co.**  
**BIDDEFORD—Deering J. G. & Son**  
**GREENVILLE—Veneer Products Co.**  
**GUILFORD—Guilford Mfg. Co.**  
**PORTLAND—Brackett J. L. & Co.**

#### MARYLAND.

**BALTIMORE—Asendorf Wm. H. & Co.**  
**Russell & Stockholm**  
**Becker Bro. & Son**, Lexington & Fkd.  
**Canton Box Co.**, 2515 Boston  
**Dreyer H. D. & Co.**, Aliceanna & Spring  
**Duker J. H. Box Co.**, Aliceanna, cor Eden  
**Fortenbaugh Charles**, 636 W Pratt  
**Louis Henry D.**, Leadenhall & Ostend  
**Radecke H. F. & Sons**, Bush & Ridgely  
**Southern Can Co.**, 717 S Wolfe  
**Thiemeyer J. H. Co.**, 901 S Caroline  
**EAST BROOKLYN—East Brooklyn Box Co.**  
**HURLOCK—Thompson G. A. & Sons**

#### MASSACHUSETTS.

**ACUSHNET—Acushnet Saw Mills Co.**  
**AMHERST—Angus Nelson E.**  
**ANDOVER—Hardy & Cole**  
**BEVERLY—Frost Box Co.**  
**BOSTON—Corcoran P. & Son, D. S.**  
**Manwell F. P. & Co.**, 190 A  
**Snow Abbott L.**, 406 Border, E B  
**BROCKTON—Bonney E. L.**  
**Woodbridge F. L.**  
**CAMBRIDGE—Page Geo. G. Box Co.**  
**CHELSEA—Atwood & McManus Box Co.**  
**Parsons Mfg. Co.**  
**FALL RIVER—Lunan J. & Sons**  
**Varney Isaac & Sons Co.**  
**FITCHBURG—Cook O. S. & Sons Co.**  
**Priest C. A. Lumber Co.**  
**FOXBORO—Pond Virgil S. Co.**  
**GLOUCESTER—Merchant Box & Cooperage Co.**  
**Perkins Box Co.**  
**GREENFIELD—New England Box Co.**  
**HAVERHILL—Haverhill Box Board Co.**  
**Hayes C. H. Corporation**  
**Island Box Co.**  
**Owens John & Co.**  
**Tapley I. W.**  
**HOLYOKE—Merrick Lumber Co.**  
**LAWRENCE—Dinsmore Geo. W.**  
**Lawrence Lumber Co.**  
**Pingree D. W. Co.**  
**LOWELL—Allen Otis & Son**  
**Cady Geo. L. & Sons**  
**Cheney Frank P.**  
**Cummings F. G.**  
**Davis & Sargent**  
**MEDWAY—Medway Box Co.**  
**NATICK—Natick Box Co.**  
**NORTH ADAMS—Dibble S. B. Lumber Co.**

**OXFORD—Chaffee Bros. Co.**  
**PETERSHAM—Carter J. A.**  
**READING—Symonds O. P. & Sons**  
**SALEM—Irving W. A.**  
**SOUTHBRIDGE—Ide Lumber Co.**  
**SPRINGFIELD—West F. M. Box Co.**  
**TULLY—Gale Conrad H.**  
**WILLIAMSBURG—Bradford G. M.**  
**WORCESTER—Baker Box Co.**  
**Williams & Bridges Co.**

#### MICHIGAN.

**BAY CITY—Bay City Box & Crate Co.**  
**Bradley Miller & Co.**  
**Foss E. B. & Co.**  
**Handy Bros.**  
**Nickless W. H.**  
**Vance E. J. Box Co. Ltd.**  
**DETROIT—Backus A. Jr., & Son**  
**Beyster John**, 875 Fort W  
**Grigg-Hanna Co.**, 1240 Michigan av  
**Restick Lumber Co.**, 992 Vinewood av  
**Weber J. F. & Co.**, 304 Gratiot av  
**Yeomans Box Co.**, 274 Wight  
**MENOMINEE—Crawford Mfg. Co.**  
**Fisher Box Co.**  
**MUSKEGON—La Belle Box Co.**  
**Langeland Mfg. Co.**  
**SAGINAW—Mershon Eddy Parker Co.**  
**WHITEHALL—Nufer Cedar Co.** (Hardwood Boxes & Crates)

#### MINNESOTA.

**DULUTH—Wallinder E. G.**  
**MINNEAPOLIS—Clark J. R. Co.**, 2d av N & Aldrich  
**Coffin's Box & Lumber Co.**, Nicollet Island  
**ST. PAUL—Minnesota Box Co.**, 827 Forest  
**Osgood & Blodgett Mfg. Co.**, Duluth av & E 7th  
**Villaume Box & Lumber Co.**, Chicago, Indiana avs. & Walter

#### MISSISSIPPI.

**HATTIESBURG—Newman J. J. Lumber Co.**

#### MISSOURI.

**KANSAS CITY—Chapman & Dewey Lumber Co.**  
**Forrester-Nace Box Co.**  
**Inman Box Co.**, 2d & Delaware  
**United Box Mfg. Co.**, Prospect & Quinotte av  
**ST. JOSEPH—Letts W. T. Box & Cooperage Co.**  
**ST. LOUIS—Alt Box Mfg. Co.**, 174 Carroll  
**Cannon Lumber Co.**, 5054 Garfield av  
**Chicago Mill & Lumber Co.**, 200 Chouteau av  
**Columbia Box Co.**, 19th & N Market  
**Fehlig Bros. Box Mfg. Co.**, 1909 Wash'n  
**Gaus Henry & Sons Mfg. Co.**, N Main & Clinton  
**Goessling Wm. F. Box Co.**, Blair av & Mullanphy  
**Heibel P. & Sons**, 1452 S 2d  
**Loy-Lange Box Co.**, 3d & Russell  
**Mengel Box Co.**, Folsom & Lawrence  
**Olcott Chas. A. Planing Mill Co.**, 3300 N B'way  
**Poorman H. B. Box Mfg. Co.**, 10th & Howard  
**St. Louis Box Factory**, 721 S 2d  
**Woods & Down**, 13th & Mullanphy  
**SIKESTON—Baker-Matthews Mfg. Co.**

#### NEBRASKA.

**OMAHA—Omaha Box Co.**

#### NEW HAMPSHIRE.

**EAST JAFFREY—Stratton C. L.**  
**KEENE—Fowler-Norwood Greene Co.**  
**LISBON—Parker, Young Co.**  
**MANCHESTER—Fellows & Son**  
**Hodge Jeremiah**  
**Smith Box & Lumber Co.**  
**West Side Lumber Co.**  
**MILFORD—Peirce W. E. & Co.**  
**NASHUA—American Box & Lumber Co.**  
**ROCHESTER—Champlin Wm. H.**  
**STATE LINE—Damon Walter S.**

#### NEW JERSEY.

**CAMDEN—Coles C. B. & Sons Co.**  
**JERSEY CITY—Dodge & Bliss Co.**, W End  
**Vanderbeck & Sons**, Green  
**NEWARK—Doolittle Henry N.**, 31 Bruen  
**Ripley David & Sons**, 16 Commercial



## NEW YORK.

ALBANY—Draper Henry W.  
Romeyn T. F. Co.  
BUFFALO—Buffalo Box Factory  
Elias G. & Bro., 965 Elk  
Graves, Manbert George & Co., ft Her-  
tel av  
MacLean Box Factory  
Montgomery Bros. & Co.  
Niagara Box Co., 820 S Division  
Zeis M. & Sons, 200 Cherry  
LESTERSHIRE—Lestershire Lumber &  
Box Co.

## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—Bossert Louis & Son, 1335  
Grand  
Eckert John A., 54 Hopkins  
Goodman & Gavin, 248 Metropolitan  
av  
Haws William, 154 9th  
Reeves George H., 290 Greene  
Richards O. S., Inc., 87 34th  
Smith E. C., 420 Oakland

## Boroughs of Manhattan and Bronx.

NEW YORK—Abbey Frank R., 15 William  
Armstrong Eliza J., 489 Washington  
Atlantic Box & Lumber Co., 814 E 5th  
Bieg Fred Box Co., 40 Gold  
Burdick I. N., 136 Wooster  
Buse Frederick, 1112 1st av  
Carroll Box & Lumber Co., 629 E 18th  
Dunbar Box & Lumber Co., 282 11th av  
Dunbar John, 517 E Houston  
Dunning-Varney Corp., 99 Warren  
Eckert John A., 314 Pearl  
Epstein & Vollweiler, 814 E 5th  
ESTES E. B. & SONS (Small), 358 5th  
av *See adv index at end of book*  
Fagan James & Son, 204 W Houston  
FitzGerald James H., 417 E 8th  
Forest Box & Lumber Co., 4th & E R,  
New York  
Gerow Emma, 450 11th av  
Gilmour J. A. Co., 23 Bond  
Gottlieb M. & Sons, 20 Clarke  
Green A. H. Co., 97 Warren  
Greenfield Box Co., 21 Gold  
Kidney George, 7 Walker  
Lavelle Peter J., 224 Mulberry  
Manhattan Box Co., 410 E 32d  
Merrall F. R. & Co., 505 E 18th  
Mitchell & Moffett, 54 Crosby  
New England Box Co., Woolworth  
bldg.  
O'Brien & Mosher, 223 Greene  
Patterson Thos. G., 637 W 55th  
Prato Paul, Jr., 178 Wooster  
Qua James, 341 W B'way  
Rosenthal & Cohen, 53 Great Jones  
Ryan M. Packing Box Co., 550 W 29th  
Ryan Martin, 132 Mercer  
Ryan P., 556 Washington

## (End of New York City)

NORTH TONAWANDA—Berry Geo.  
White, Gratwick & Mitchell  
ROCHESTER—Rochester Box & Lumber  
Co.  
Traders Box & Lumber Co. (Nailed or  
Dovetailed)  
SYRACUSE—Lyons John H., 548 Canal  
Markert Mfg. Co.  
Piquet Box & Lumber Co.  
TONAWANDA—Wilson Lumber & Box Co.

## NORTH CAROLINA.

GOLDSBORO—Empire Mfg. Co. (Re-in-  
forced 3-Ply Veneer)  
Utility Mfg. Co. (Three-Ply Veneer)  
HICKORY—Hutton & Bourbonnais Co.

## OHIO.

BARNESVILLE—Hutchinson E. J.  
CINCINNATI—Aman & Sandmann, 18 W  
McMicken av  
Anchor Box Co., Western & Section  
Fairmount  
Conkling E. A. Box Co., 2001 Reading  
rd  
Kenker Fred & Sons, 3904 North Bend  
rd, Cheviot  
McWilliams & Schulte, McLean av &  
Richmond  
Queen City Box Co., Wade, Flint &  
McLean

CLEVELAND—Acme Box & Lumber Co.  
3471 E 49th

American Box Co., 1932 W 3d  
Cleveland Box Co.  
Dunn James Box Co., 1952 W 3d  
Forest City Box Co., 723 Stone's Levee  
Hahn J. N. Co., Cuyahoga & W 3d  
National Box Co.  
Saginaw Bay Box Co.  
Smeed Box Co., 1878 Scranton rd  
Wiggins Fred B.  
COLUMBUS—Rood R. A., Buttles av &  
Factory  
DAYTON—Gondert & Lienesch  
LAGRANGE—Ryan H. J.  
MARTINS FERRY—La Belle Box Co.  
SANDUSKY—American Crayon Co., 1300  
Hayes av  
*See adv index at end of book*  
Sandusky Box Co.  
TOLEDO—Phoenix Box Factory  
Western Manufacturing Co.

## OREGON.

PORTLAND—Multnomah Lumber & Box  
Co., Ft. of Bancroft  
Standard Box & Lumber Co., 63 E  
Water

## PENNSYLVANIA.

ALLENTOWN—Allentown Packing Box  
Co.  
CHESTER—Hamilton James M.  
HAWLEY—Atkinson Box & Lumber Co.  
McKEES ROCKS—Russell W. L. Box &  
Lumber Co.  
MONESSEN—Monessen Box Co.  
PHILADELPHIA—Carnwath, Bell & Co.,  
613 Cherry  
Carver E. S. & Son, 914 W Westmore-  
land  
Datz Chas F. Co., 482 N 5th  
Davidson D. H., 2005 Washn av  
Douglass Edwin D., 43 N 5th  
Galbraith John (Est. of), 619 Com-  
merce  
Henson Edw. F. & Co., 921 N Dela-  
ware av  
Jones Samuel & Sons, 3207 Sp. Garden  
Kees Wm. J., 113 N Orianna  
Keystone Box Mfg. Co., 701 E Girard  
av  
Kugler Geo. W. & Sons Co., 921 N  
Market  
McCauley J. & W., 636 Filbert  
Martin John, 1432 N 6th  
Meisle G. & Bro., 217 New  
Mensch S. B. & Co., 2031 E Fletcher  
Meyer William, 214 Quarry  
Orr Wm. L., 1609 S 19th  
Pearson Jos. T., 1825 E Boston  
Philadelphia Packing Box Co., 2624  
American  
Provident Lumber Co., Water c Dick-  
inson  
Rice T. B. & Sons Co., Mifflin st wharf  
Shoemaker's J. B. Sons, Front & E  
Clearfield  
Treen Box Co., Tioga & Memphis  
PITTSBURGH—Keystone Box Co., 26th &  
Liberty av  
Kress F. J. Box Co., 2930 Liberty av  
READING—Deyscher Abner S.

## RHODE ISLAND.

PAWTUCKET—Polsey J. N. & Co.  
PROVIDENCE—Darling C. P. Co., 415  
Charles  
Presbrey A. A. & Son Co., Summer  
Providence Box & Lumber Co., 1102  
Cranston  
Talbot Bros. Co., Grosvenor bldg

## TENNESSEE.

CHATTANOOGA—Hamilton Lumber &  
Box Co.  
KNOXVILLE—Holston Box & Lumber Co.  
MEMPHIS—Anderson-Tully Co.  
Jorgensen-Bennett Mfg. Co.  
Moore & McFerrer  
Morgan-West Box Co.  
Three States Lumber Co.  
NASHVILLE—Lieberman, Loveman &  
O'Brien

## VERMONT.

BENNINGTON—Bingham J. B.  
Evans L. N. & Co.  
BURLINGTON—Crane W. & D. G. Co.  
Hickok Horatio Co.  
Robinson Edwards Lumber Co.  
MORETOWN—Ward Lumber Co.  
RICHMOND—Richmond Lumber Co.

## VIRGINIA.

NORFOLK—American Box & Lumber Co.  
Norfolk Veneer Co.  
PETERSBURG—Virginia Lumber & Box  
Co.  
RICHMOND—Allegheny Box Co., 601  
Byrd  
Lea David M. & Co. (Pine), 1923 E  
Maine  
Miller Mfg. Co., 7th & Stockton

## WASHINGTON.

GOLDEN DALE—Cameron J. E.  
SEATTLE—Bennett H. L. Box Factory  
Stetson & Post Lumber Co.  
SPOKANE—Musser Wm. Lumber & Mfg.  
Co.  
TACOMA—Pacific Box Co.

## WEST VIRGINIA.

HUNTINGTON—Beader Box Co.

## WISCONSIN.

BEAVER DAM—Beaver Silo & Box Mfg.  
Co.  
CATO—Killen W. N.  
EAU CLAIRE—Lindermann Box &  
Veneer Co.  
GRAND RAPIDS—Badger Box & Lumber  
Co.  
JANESVILLE—Magee Bros.  
MANITOWOC—Drost H. Box Mfg. Co.  
Schnorr Bros. Co.  
MARINETTE—Brown-Mitchison Co.  
Marinette & Menominee Box Co.  
MILWAUKEE—Beck August C. Co., 1-30  
East  
Hays George W., 228 5th  
Kieckhefer Box Co., 16th St. Viaduct  
Mueller & Son Co., 361 Canal  
National Box Co., 534 American av  
OCONTO—Oconto Co.  
SUPERIOR—Superior Box Co.  
WASHBURN—Kenfield, Lamoureux Co  
WATERLOO—Neupert & Budwig  
WAUKESHA—Waukesha Mfg. Co.  
WAUSAU—Goodwillie Bros.  
Wausau Box & Lumber Co.  
Wisconsin Box Co.

## 10452—\*Packing (Condenser)

WHEELER CONDENSER & ENGINEER  
ING CO. ("Wheeler" Improved). Car-  
teret, N. J. *See adv index at end of book*

## 10453—Packing (Flax)

American Steam Packing Co., 191 High.  
Boston, Mass.  
Anchor Packing Co. ("Ankorite"), La-  
fayette bldg, Phila., Pa.  
Bailey John T. Co., Water & Morris.  
Phila., Pa.  
Barbour Flax Spinning Co., Paterson,  
N. J.  
Chesterton A. W. Co. ("Chesterton," "Bos-  
ton," "Sterling," "Hydraulic"), 64 In-  
dia, Boston, Mass.  
Combination Rubber Mfg. Co. (Standard  
Square), Bloomfield, N. J.  
Crandall Packing Co., Palmyra, N. Y.  
DANUBIL CO. ("Danubil," "Hudsonil").  
Postal Telegraph bldg, New York  
Dealers Steam Packing Co., Palmyra,  
N. Y.  
General Asbestos Rubber Co. ("Gilt  
Edge," "Chicora," "Grapho Flop,"  
"Navy," "Communal"), Charleston,  
S. C.  
Hollow Center Packing Co., 608 S Dear-  
born, Chicago, Ill.  
Home Rubber Co., Trenton, N. J.  
Jackson Thos. & Son Co., Reading, Pa.  
Johnson H. Co. (Beaver," "Merino"),  
ft. of Gates av, Jersey City, N. J.  
Leschen A. & Sons Rope Co., 920 N 1st,  
St. Louis, Mo.  
National India Rubber Co., Bristol, R. I.  
Rauschenberger John Co., 87 W Water,  
Milwaukee, Wis.  
Robinson & Jans, Winthrop, Minn.  
STRONG MACHINERY & SUPPLY CO.  
("Strong's Best"), 21 Walker, New  
York *See adv index at end of book*  
Wing J. T. & Co., 19 Woodward av, De-  
troit, Mich.  
Woven Steel Hose & Rubber Co., Trenton,  
N. J.



**10454—Packing (Flexible Fibre)**

Endura Mfg. Co. ("Endura" for Oil & Water), 63d & Reading R. R., Phila., Pa.  
 Spaulding J. & Sons Co. (For Oils, Chemicals & Water), P. O. Box 52, Tonawanda, N. Y.  
*See adv index at end of book*

**Packing (Hard Fibre)**

See Fibre, Hard

**10455— Packing (Hemp)**

Bailey J. T. Co., Morris & Water, Phila., Pa.  
 Barbour Flax Spinning Co., Paterson, N. J.  
 Chelsea Fibre Mills, 212 5th av, New York  
 Dealers Steam Packing Co., Palmyra, N. Y.  
 Fittler Edwin H. Co., 517 Arch, Phila., Pa.  
 Hoover & Allison Co., Xenia, O.  
 Jackson Thos. & Son Co., Reading Pa.  
 Peter & Guckenberger, (American & Italian), Harriet & Budd, Cincinnati, O.  
 Plymouth Cordage Co., No. Plymouth, Mass.

**10456— Packing (Hoof)**

Atkins & Dubrow, 157 Water, New York  
 Hollingshead R. M. Co., Camden, N. J.

**10457—Packing (Hydraulic)**

Anchor Packing Co. ("Ankorite" Waterproof, Flexible, Rubber Cushion, Metal Faced, etc), Lafayette bldg, Phila., Pa.  
 Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 Carey Phillip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.  
 Chesterton A. W. Co. ("Chesterton Hydraulic Flax"), 64 India, Boston, Mass.  
 Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.

Cincinnati Rubber Mfg. Co., Cincinnati, O.  
 Combination Rubber Mfg. Co. (Hard & Semi-Hard Rings), Bloomfield, N. J.  
**DANUBIL CO.**, Postal Telegraph bldg, New York  
 Dealers Steam Packing Co., Palmyra, N. Y.

Detroit Leather Specialty Co. ("Wear Well" Leather), 275 Beecher av, Detroit, Mich.

Empire Tire & Rubber Corps., East Trenton, N. J. *See adv index at end of book*

**EMPIRE WEAVING & BELTING CORP.**, East Rochester, N. Y.  
*See adv index at end of book*

**GASKET SUPPLY CO.**, 1927 Ludlow, Philadelphia, Pa. *See adv index at end of book*  
 General Asbestos Rubber Co. ("Garco"), Charleston, S. C.

Goetze Gasket & Packing Co. ("Goetze's"), New Brunswick, N. J.

Goodrich B. F. Co., Akron, O.

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.  
 Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.

Home Rubber Co., Trenton, N. J.  
 Hydraulic Press Mfg. Co., Mt. Gilead, Ohio

Johnson H. Co. ("Sable," "Johnson," "Clay"), ft Gates av, Jersey City, N. J.

Kendrick Valve & Washer Co., Syracuse, N. Y.

**McQUAY-NORRIS MFG. CO.** ("Leak-Proof" Piston Head), 2806 Locust, St. Louis, Mo. *See adv index at end of book*

**MARTELL PACKINGS CO., INC., (Metal)**

Elyria, O. *See adv index at end of book*  
 Mechanical Rubber Co. (Core, etc.), Cleveland, O.

Michigan Leather Packing Co. (Leather), Detroit, Mich.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

National Leather Mfg. Co. (Rawhide Leather), Niles, Mich.

New York Belting & Packing Co. ("Amazon" Waterproof), 91 Chambers, New York

Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

Schlichter Jute Cordage Co. (Jute Sail Wrapping, Tobacco, etc), 20 N Front, Phila., Pa.

Steel Mill Packing Co., Detroit, Mich.

**STRONG MACHINERY & SUPPLY CO.** ("Strong's Aquaproof"), 21 Walker New York *See adv index at end of book*

Walker Chas. W. Sons & Co. (Leather), 274 Market, Newark, N. J.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

Western Rawhide & Belting Co. (Rawhide), 600 So. Pierce, Milwaukee, Wis.

Whitehead Bros. Rubber Co., Trenton, N. J.

Wolverine Leather Goods Co., Detroit, Mich.

Woven Steel Hose & Rubber Co., Trenton, N. J.

**10458—Packing (Hydraulic Metal)**

**McQUAY-NORRIS MFG CO.**, ("Leak-Proof" Piston Head), 2806 Locust, St. Louis, Mo. *See adv index at end of book*

**MARTELL PACKINGS CO., INC.**, Elyria, O. *See adv index at end of book*

**NIAGARA FALLS (ONT.) GASKET & PACKING CO.**, Church & Fulton, New York *See adv index at end of book*

*See adv index at end of book*

**10459—Packing (Journal Box)**

Wyoming Yarn Co. ("Wypap," Woolen Yarn), Wyoming, R. I.

**10460— Packing (Jute)**

Allentown Spinning Co., Allentown, Pa.

American Mfg. Co., Noble, Brooklyn, N. Y.

Bailey John T. Co., c Water & Morris, Philadelphia, Pa.

Barbour Flax Spinning Co., Paterson, N. J.

Chelsea Fibre Mills, 212 5th av., New York

Dealers Steam Packing Co., Palmyra, N. Y.

Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.

Home Rubber Co., Trenton, N. J.

Hooven & Allison Co., Xenia, O.

Jackson Thos. & Son Co., Reading, Pa.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Peter & Guckenberger, Harriet & Budd, Cincinnati, O.

Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.

Stratford Geo. Oakum Co., Cornelson av, Jersey City, N. J.

**STRONG MACHINERY & SUPPLY CO.** ("Strong's" Round Twist Jute), 21 Walker, New York

*See adv index at end of book*

Winne F. W. & Son (Tarred & Untarred), 237 Market, Phila., Pa.

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National Leather Mfg. Co. (Rawhide), Niles, Mich.

Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York

*See adv index at end of book*

Robertson Jno. & Co. (Hydraulic), 133 Water, Brooklyn, N. Y.

**STRONG MACHINERY & SUPPLY CO.** ("Strong's"), 21 Walker, New York

*See adv index at end of book*

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

Wolverine Leather Goods Co., Detroit, Mich.

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**METAL PACKING**  
**FOR HYDRAULIC SERVICE**  
 Saves Friction and Tons  
 and Tons of Braided Flax  
**The Martell Packings Company, Inc.**  
**ELYRIA, OHIO**

**LOCOMOTIVE ROD PACKING**

We Hold the Record for Mileage  
 With Superheated Steam  
**The Martell Packings Company, Inc.**  
**ELYRIA, OHIO**

**MARTELL PACKINGS CO. INC.**, Elyria, Ohio *See adv index at end of book*

**10463— Packing Mfrs.**

See also Belting & Belt Appliances; also Mill & Factory Supplies; also Mineral Wool; also Pipe & Boiler Coverings, various kinds; also Waste, Cotton & Wool Mfrs.

**CALIFORNIA.**

**SAN FRANCISCO**—Bowers Rubber Works ("Dodds," "Victor," "Sunset," "Seal Rock," "Bay City," "Plumbesto," "Native," "Red Sunset," "Guardian," "Victor," "Golden Gate," "Seal Rock," "Reliance & Skookum" Diagonal Cross Expansion Piston Rod), 68 Sacramento  
 Cook H. N. Belting Co. ("Palmetto" Twist, all Asbestos), 317 Howard  
 Garrett-Callahan Co. ("Swart's"), 30 Fremont  
 Squires & Byrne Rubber Co. ("Comet," "Vesuvius," "Squires," "Ajax" Boiler Gasket) 67 Stewart

**CONNECTICUT.**

**HARTFORD**—Johns-Pratt Co., The ("Vulcabeston," Round or Flat, for Steam, Water, Gas & Acids, "Vulcabeston," Asbestos Rope, "Vulcabeston Red Fibre" Asbestos, Air, Hot Water, Steam, Ammonia, Acid & Alkali)

**DELAWARE.**

**WILMINGTON—DELAWARE HARD FIBRE CO.** (Vulcanized Fibre). Works: Marshallton, Del.  
*See adv index at end of book*

**ILLINOIS.**

**AURORA**—Aurora Metal Co. (Metallic)  
**CHICAGO**—Adkins, Young & Allen Co. ("A. Y. A."), 109 N Canal  
 Advance Packing & Supply Co. ("Mico" Square Flax Frictionless, Steam & Waterproof, "Trio," "Bestallic," "Durability," "High-Pressure," "Tenax," Importers German Asbestos), 11 N Franklin  
 Allen W. D. Mfg. Co. ("Arrow"), 570 W Lake  
 Cassco Bar Metallic Packing Co. (Metallic), 8 S Dearborn  
 Central Asbestos & Magnesia Co., 214 W Grand av  
 Chicago Engineer Supply Co. ("Salamander," "Boyleston," "Graphobesto," "Casco"), 68 W Lake  
 Chicago Fire Proof Covering Co. (Steam), 322 N Michigan av



Chicago Rawhide Mfg. Co. ("Mabbs" Rawhide Hydraulic), 1301 Elston av  
 Continental Rubber Works (Of Erie, Pa.) ("Continental," "Tribune," "Liberty"), 180 N Market  
 Crane Co. (Est. 1885), ("Cranite," "C. C."), 836 S Michigan av.  
*For branch offices see adv index at end of book*  
 High Speed Metallic Packing Co. (Metallic), 305 N Michigan av  
 Hodgart & Co. (Imp.), 122 S Michigan av  
 Hollow Center Packing Co. ("Hopaca"), 608 S Dearborn, Chicago, Ill.  
 Jerome-Edwards Metallic Packing Co. ("Jerome" Metallic Valve Steam Piston Rod), 80 E Jackson blvd  
 Mechanical Rubber Co. (Rubber), 307 W Randolph  
 Specialty Mfg. Co. ("S. M. C." Perpetual Metallic Rope), 14 E Jackson blvd  
 Swain Lubricator Mfg. Co. (Metallic), 443 W. 37th  
 Victor Mfg. & Gasket Co., 1956 S Troy  
 Western Packing & Supply Co. ("W. P. S." & "Casco" Metallic), 231 N 5th av  
 Wilcox E. A. Mfg. Co. ("Target" Valve Stem, Stop Valve Steam), 6330 Stony Island av  
 Williams-Bowman Rubber Co., 1947 S 54th av

## INDIANA.

ANDERSON—Anderson Rubber Works (Rubber)  
 GOSHEN—Western Rubber Co. (Rubber Sheet)  
 HUNTINGTON—Schacht Rubber Mfg. Co. (Rubber)  
 INDIANAPOLIS—Pioneer Brass Works ("Deeds" Metallic)  
 NEW ALBANY—Bowman D. F. Co. (Railroad)

## KENTUCKY.

LEXINGTON—American Metallic Packing Co. (Metallic)  
 LOUISVILLE—Cook Lee C. Mfg. Co. ("Cook's" Piston Rod, etc)

## LOUISIANA.

NEW ORLEANS—Boston Belting Co. (Reliance Machinery & Supply Co., Rep.), 431 Gravier

## MAINE.

PORTLAND—Clark Flexible Metallic Packing Co. (Flexible Metallic)

## MARYLAND.

BALTIMORE—Maryland Belting & Packing Co., 1626 Bank

## MASSACHUSETTS.

BOSTON—American Steam Packing Co. ("Diamond," "Smoky City" & "Favorite," "20th Century"), 191 High  
 Anderson G. P. (Engine & Pump), 65 Oliver  
 Boston Belting Co. (Piston & Valve Rod "Diagon," "Ammonia," "Metal Insertion," "Noxall," "Loose Duck," "Forsyth Hollow Square," "Imperial" Round Red Core, "Excelsior," "Roxboro," "Phoenix," "Regular" Square Pump, "Rubber Back"), 84 Linden Park  
 CHESTERTON A. W. CO. ("Metalbestos," "Lubrobestos," "Vaporite," "Rubberbestos," "Redbestos," "Metal Asbestos," "Sunset," "Pressure Proof," "Expansion," "Atlantic," "Combination," "High Pressure," "Live Steam," "Carson," "Perfection," "Russo Fiberite," "Metallo," "Monarch," "Sterling," "India," "Hydraulic"), 64 India  
 Curry Bros. Oil Co. ("Superba," "Mica Para," "Mica Asbestos"), 253 Franklin

Eagle Oil & Supply Co. ("Eagleine," Ring Square Flax, Hydraulic, etc), 104 Broad  
 Federal Metallic Packing Co. ("Standard," Flexible Metallic Fibred Compound for Ammonia, Air, Steam, Truck Boxes, etc), 48 Hanover  
 Hart Packing Co. ("Hart" & "Demon" Sheet), 144 High  
 Ireson C. L. ("Blue Blood"), 221 High  
 Knowlton Geo. W. Rubber Co. ("Brassite," "G. W. K., "Hub," "Knowlton," "Manila," "Fraser"), 60 Pearl  
 Lockwood Mfg. Co. ("Monteagle" Piston Packing), 65 Summer, E Boston  
 Merrill W. B. & Co. ("Tripp" Metallic), Jamaica Plain  
 Trainer C. W. Mfg. Co. (Asbestos Metallic), 55 High  
 Walworth Mfg. Co.  
 CAMBRIDGE—Boston Woven Hose & Rubber Co. (Rubber "Bull Dog," "Tiger," "Red Sheet")  
 Gould Packing Co. (Ring, etc.)  
 CHELSEA—Revere Rubber Co. ("Usudurian," "Red Crescent," "Black Hawk," "Samson," "Shawmut," "Beacon," "Giant," "Revero," "Black Cross," "Four Ace," "Harlem," "Hi-Heat," "Paramo" & "1100")  
 EVERETT—Lubron Co. ("Lubron," "Knowlton," Lubricated & Rubber)  
 WORCESTER—Newton Mfg. Co. ("Vellumoid")

## MICHIGAN.

DETROIT—Detroit Leather Specialty Co. ("Wear Well" Hydraulic Leather), 275 Beecher av  
 Michigan Leather Packing Co. (Leather)  
 Steel Mill Packing Co. ("Safety" Plastic Metallic ("Hi-Steam")  
 Wing J. T. & Co., 19 Woodward av  
 Wolverine Leather Goods Co. (For Ice Machine, Hydraulic, Flange & "U" Packings)  
 KALAMAZOO—New Era Mfg. Co. ("New Era" Self-Lubricating Metallic Engine Packing)  
 MUSKEGON—Marsh Chas. W. Co.  
 NILES—National Leather Mfg. Co. (Rawhide Leather, Self-Lubricating)

## MINNESOTA.

DULUTH—Imperial Iron Works ("Imperial" Metallic)  
 ST PAUL—Northern Metallic Packing Co. (Metallic), 253 E 8th  
 Union Machine Co. (Plunger Plastic Packing) 183 University av  
 SOUTH STILLWATER—Ideal Metallic Packing Co. ("Ideal" Metallic)  
 WINONA—Union Fibre Co. (Fibre Waste)

## MISSOURI.

KANSAS CITY—Kansas City Rubber & Belting Co., 710 Delaware  
 ST. LOUIS—Hoyt Metal Co. ("Faultless" Metallic), Boatmen's Bank bldg  
 McQUAY-NORRIS MFG. CO. ("Leakproof"), 2806 Locust  
*See adv index at end of book*  
 Pilley Flue Brush Co. ("Pilley" Steam & Ammonia), 604 S 3rd

## NEBRASKA.

OMAHA—Paxton-Mitchell Co. ("Mitchell," Metallic)

## NEW HAMPSHIRE.

DOVER—Williams I. B. & Sons  
 NORTH ROCHESTER—Spaulding J. & Sons Co. (Fibre)

## NEW JERSEY.

BLOOMFIELD—Combination Rubber Mfg. Co. ("Dr. Braun's," "Bloomfield," "Indestructene," "Thermopok," also Cloth or Wire Insertion, Sheet, Ring, Round, Square, etc)  
 BOONTON—Boonton Rubber Co. (Hard Rubber & Asbestos Ring, etc)  
 CAMDEN—Asbestos & Rubber Wks of N. J. (Asbestos Sheet & Piston)  
 COLLINGSWOOD—Allen Packing Co. ("Monitor," "Bitous")

EAST TRENTON—Empire Tire & Rubber Corp. (Rubber, All Kinds; "Alabama," "Amazon," "Monitor," "Merrimac," "Paragon," "Empire's Best," "Model," "Sterling," "Eagle," "Diamond," "Vulcan," "Reliance" and "Hercules")  
*See adv index at end of book*

# PACKING

A COMPLETE LINE  
 FOR ALL PURPOSES

PERFECT OIL AND  
 STEAM PROOF PACKING

*Write for Samples and Prices*

## EMPIRE

### Rubber and Tire Co.

MANUFACTURERS OF  
 HIGH CLASS MECHANICAL  
 RUBBER GOODS  
 OF EVERY DESCRIPTION

MAIN OFFICE AND FACTORY  
 EAST TRENTON, N. J.

(See list of Branch Offices in Advertisers' Index at end of book)

HAMILTON SQUARE—Mercer Rubber Co. ("Redbreast," Rubber, Plumbago, Oil Proof, Asbestos, etc)  
 HAWTHORNE—La Favorite Rubber Mfg. Co. ("Perry," "American," "Golden Rod," "White Deer")  
 JERSEY CITY—Johnson Henry Co. ("Cracker Jack," Phoenix," Ring Spiral, Hydraulic, Sheet, Square Flax, etc), ft Gates av  
 N. J. Car Spring & Rubber Co., 91 Brunswick  
 Voorhees Rubber Mfg. Co. ("Nubian," Sheet, "Long Life," "Red Sheets," "Grapho-Bestos," "Royal Blue," Cloth or Wire Insertion Sheet, Spiral, Square Flax, Gum Core, Dry Dock, "Federal," "Union," "Corona," "Power," "Pamer," "Over All"), 18 Bostwick av  
 NEW BRUNSWICK—Goetze Gasket & Packing Co. (All Kinds for All Purposes, "Goetze," "Goetzerit," "Brunswick" "Rex," "Devo," "No. 2 Elastic" "Stempak" & "Triumph")  
 PASSAIC—Manhattan Rubber Mfg. Co. ("White Enamel," "Kertlandt," "Magnet," "Mohican," "Viking," "Fulca," "Torpedo," "Headlight," "Golden Fleece," "Walrus," "Raven," "Delhi," "Carlissi," "Parenite," "Parenito," Sheet Rubber)  
 TRENTON—Acme Rubber Mfg. Co. ("Favorite," "Equality," "Durable," "Guarantee," "Acme," "Buffalo," "Capitol," Rubber Sheet)  
 Essex Rubber Co. (Rubber)  
 Hamilton Rubber Mfg. Co. (Rubber)  
 Home Rubber Co. ("O. I. M., "Red Rose" & "N. B. O." Rubber)



Thermoid Rubber Co. ("Black Bear" & "Thermidore" Rubber, "Solaroid" Red Sheet)  
 United & Globe Rubber Mfg. Co. (Rubber)  
 Whitehead Bros. Rubber Co. ("C. I.", "C. B. S." Rubber, Red Sheet)  
 Woven Steel & Rubber Co. ("Defender" Rubber, Asbestos, Flax, Hydraulic, 3-Pure Sheet, Diagonal Valve, etc.)  
**WESTFIELD—Vulcan Asbestos Mfg. Co.** ("Vulcan" H. P. Piston Rod, etc.)  
 W North av

### NEW YORK.

**ALBANY**—Albany Rubber Tire Co. (Rubber)  
**BUFFALO**—Hewitt Rubber Co. (Rubber & Sheet)  
 Lake Erie Mfg. Co. ("Ideal" Pump Valves & Plunger)  
 Metric Packing Co.  
**CLIFTON SPRINGS**—Judd & Leland Mfg. Co. (Leather)  
**EAST ROCHESTER**—Empire Weaving & Belting Corp.  
*See adv index at end of book*

### NEW YORK CITY.

#### Borough of Brooklyn.

**BROOKLYN**—Ambrose Mach. Co. ("Ambrose" Metallic Self-Adjusting Piston), Provost & Eagle  
 American Mfg. Co. (Jute), Noble  
 Booth Felt Co., Inc., 440 19th  
 Davidson M. T. Co. ("Watson"), 43 Keap

#### Boroughs of Manhattan and Bronx.

**NEW YORK**—American Huhn Metallic Packing Co. (Metallic), 233 Broadway  
 Asbestos & Rubber Works of Amer. ("Asbestolith" Sheet & Asbestos Metallic Sheet), 58th & Broadway  
 Brandt Randolph ("Selden," Square Flap, "Enterprise," "Zena," "Magnet"), 70 Cortlandt  
 Buhne Metal Packing Co. (Metallic), 99 Nassau  
 Burgman Feodor ("Burgman's Janos" Plate Asbestos Sheets), 26 Cortland  
 Colgan Mfg. & Supply Co. ("Colgan," High Pressure & Sheet), 118 Maiden la  
 Cooley Mfg. Co. ("Omega"), 98 Park pl  
**DANUBIL CO.**, ("Danubil," "Hudsonil" Superheated Steam Acids, Oil, Ammonia), Postal Telegraph bldg  
 Durabla Mfg. Co. ("Durabla," Sheet), 114 Liberty  
 Edgecumbe J. C. & Co. ("Edgecumbe" Elastic Metal), 149 B'way  
 Empire Rubber & Tire Co. (Rubber, All Kinds), 148 Chambers  
 Eureka Packing Co. ("Eureka," Rod, etc.), 78 Murray  
 Excelsior Valve Co. (Water), 108 Fulton  
 Goodyear Rubber Co. & Rubber Clothing Co. ("Pioneer," "Red Wing," "Black Wing," "Everlast Asbestos" & "Gold Seal"), 787 B'way  
 Greene, Tweed & Co. ("Crescent," "Manhattan," "Palmetto," "Royal" & "Union"), 109 Duane  
 Gutta Percha & Rubber Mfg. Co. ("Triple Sheet" Pure Gum, Round, Square & Sheet, "Pyramid Blue Stone" & "Red Jacket" High Pressure & Wire Insertion), 126 Duane  
 Ideal Automatic Mfg. Co. (Metallic), 125 Watts  
 Jenkins Bros. ("Jenkins 96," "Jen-arco"), 82 White  
 Johns H. W.-Manville Co. (Vulcabeston, "J-M Kearsarge," "J-M Mogul," "J-M Mobilene," "J-M Hydro," "J-M Liberty," Air Brake Ring, Metallic, "J-M Triplex" Wick & Rope), Madison av & 41st  
 Katzenstein Leopold & Co. (Metallic & Flexible Tubular Metallic), 358 West  
 Kern Commercial Co. ("Kernite," "Sparsam," "Servitor" High Pressure Steam), 114 Liberty  
 Magnolia Metal Co. ("Magnolia," Metallic), 113 Bank  
*See adv index at end of book*

New York Belting & Packing Co. (Pure Sheet, Cloth Insertion Sheet, "Ruby" Sheet, "Salamanda" Sheet, "Cobb's" Round, Square & Spiral Piston, "Amazon" Waterproof Hydraulic, "Vulcan," "Magic," "Double Diamond," "Tucks," "Karhomite," "Carbon," "Spider," "Fire," "Turxo," High Pressure Square & Rubber Back Piston), 91 Chambers  
 New York Insulated Wire Co. ("Lightning Non-Tubular"), 114 Liberty  
**NEW YORK RUBBER CO.** (Hot and Cold Water & Steam), Reade & Church, 225 W Randolph, Chicago, Ill.

Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton  
*See adv index at end of book*  
 Peerless Rubber Mfg. Co. ("Arctic," "Germane," "Hercules," "Honest John," "Peerless," "Rainbow," "Success," "Uniphite," "Dale's Steam Trap," "Wizard," "Lake-side," "Rainbesco," "Standard," "Eclipse," "Uniphite," 31 Warren  
 Power Specialty Co. ("Duval" Metallic), 111 B'way  
 Roberts Geo. I. & Bros. (Square, Flax Packing), 471 4th av  
 Spaulding J. & Sons Co. (Fibre), 434 Broome  
**STRONG MACHINERY & SUPPLY CO.** (Steam, Ammonia, Hydraulic, Asbestos, etc., "Tisafine," "Dichtungsgummi," "Grapho-Asbestos," "Cochecho," "Rivalite," "Wolverine," "Kingusher," "Crown" & "Bull Frog Rivalite," "Grapho Rivalite," "Featherlite" Metallic), 21 Walker  
*See adv index at end of book*  
 United States Indestructible Gasket Co., Church & Fulton  
*See adv index at end of book*  
 Vanda Co. ("Vanda"), 25th & Madison av  
 Vulcan Asbestos Mfg. Co. ("Vulva-bestos"), Produce Exch  
 Walker Jas. & Co. (Ltd.), ("Lion" Metallic), 27 Thames  
 (End of New York City)

**PALMYRA**—Crandall Packing Co. (All Kinds for All Purposes, "Helios," "Helimoi," "Kymoi," "Lip," "Ethiopia," "Sahara," "Wilpaco," "Keptite," "Kumingsum," "Phoenix," "Helios Stine," "Permahestos," "Pirenbestos," "Safety," "Buckeye," "Climax," "Rex," "S. S. S.," "Tucks," "W. P. H.," "Southdown," "Motorite," "Blackthorn," "Regina")  
 Dealers Steam Packing Co. (Hemp & Flax)  
 Garlock Packing Co. (All Kinds for All Purposes)  
**SYRACUSE**—Jones I. G. Co. ("Fidelity")  
 Kendrick Valve & Washer Co. (Leather)  
**TONAWANDA**—Spaulding J. & Sons Co. (Fibre), P. O. Box 52  
*See adv index at end of book*

### OHIO.

**AKRON**—Akrone Metallic Gasket Co. ("Fibrebestos," "Mephisto" & "Valvetite" Metallic)  
 Goodrich B. F. Co. (Sheet, Piston & Valve Rod Packings in All Styles & Grades)  
 Goodyear Tire & Rubber Co. ("Red Wing" Sheet Rubber)  
**CINCINNATI**—Bradford Belting Co.  
 Cincinnati Rubber Mfg Co. ("Cincinnati," "Congo," "Fidelity," "Norka," "Norwood," "Old Crow," "Sandow," "Wampus," Rubber)  
 Nuhring Chas. & Bro. ("I. X. L." Spiral, Square Ring, etc.), 1212 Walnut  
 Peter & Guckenberger, Harriet & Budd

**CLEVELAND**—Consumers' Rubber Co. ("Superior")  
 Mechanical Rubber Co. ("Marco," "Jupiter," "Saturn," "Hyperion," "Buckeye," "Combination," "Integrity," "Cleveland," "Hydraulic," "Oleo" & "Meruco" Rubber)

## Martell Packings

Insure Continuous Operation of Plant

MADE BY

The Martell Packings Company, Inc.  
 ELYRIA, OHIO

**ELYRIA—MARTELL PACKINGS CO. INC.**  
 The ("20th Century," "Martell," Metallic for Superhead Steam)  
*See adv index at end of book*  
**LOCKLAND**—Republic Rubber Co., 20 E 9th  
**SPRINGFIELD**—Victor Rubber Co. ("Vircuco" Sheet, etc)

### PENNSYLVANIA.

**AMBLER**—Keasbey & Mattison Co. (Cylinder & Steam Asbestos "Battle")  
**BRADDOCK**—Jones Jno. C. Fremont  
**CHESTER**—Harper Mfg. Co. ("Harper" Metallic)  
**ERIE**—Continental Rubber Works ("Tribune," "Continental," "Liberty")  
 Lake Erie Rubber Co. (Rubber)  
 Watson H. F. Co. (Asbestos Braided, Piston Rod, Core Wicks, etc)  
**FRANKLIN**—Franklin Mfg. Co. ("Perfection" Resilient Waste for Journal Box, Piston Rod, etc)  
**JEANNETTE**—Pennsylvania Rubber Co. ("Century" White Sheet & Wire Insertion, "Creole" Black Sheet, also Rubber Back, Pure Sheet, Diaphragm, etc.)  
**LANCASTER**—United States Asbestos Co. ("Usa-Co." "Carbuline" Asbestos)  
**NORRISTOWN**—American Asbestos Co. (Asbestos Metallic Sheet, Asbestos Rod, Ring, Wick, Rope & Braided)  
**NORTH WALES**—Asbestos Fibre Spinning Co. (Asbestos Rope, Wicks, Sheet, etc)  
**PHILADELPHIA**—Anchor Packing Co. ("Anchorite," "Sedgley," "Allegheny," "Capstan," "Baldwin," "Brooks," "Tauril"), Lafayette bldg  
 Belmont Packing & Rubber Co. ("Belmont," Square Flax, Gum Core, Air Pump, Throttle Valve, etc), 133 N 2d  
 Brown D. P. & Co. (Brown's Oil Proof Ring & Sheet, etc), 264 N 4th  
 Canco Mfg. Co. ("Black Squadron" Metallic, "Rising Sun," "Globe," "White Squadron," "Pioneer"), Garden & Bridge  
 Collins Metallic Packing Co. ("Collins," Metallic) 56 N 2d  
 Double Service Packing Co., 244 Chestnut  
 Ehret Magnesia Mfg. Co., Land Title bldg  
 Endura Mfg. Co. ("Eudura" Flexible Fibre), 63rd & Reading R. R.  
 Fibre Rock Mfg. Co. (Asbestos), 4566 Silverwood  
 France Packing Co. ("France" Fibrous, Sheet & Metallic), 6510 State Road, Tacony  
**GASKET SUPPLY CO.** ("Right"), 1927 Ludlow *See adv index at end of book*  
 Houghton E. F. & Co. ("Vim," Leather), 240 W Somerset  
 Latta Jno. S. & Co., 1227 Arch  
 Montgomery Bros., 45 S 2d  
 Morris Metallic Packing Co. (Piston Rod & Valve Stem Packings), Lehigh av & Mutter  
 Mulconroy Co. ("Back Jack," "Indian," "Quaker," "Pilgrim," "Puritan," "Thorbred," "Victor," "Admiral" & "Monitor"), 54th & Jefferson

When writing to firms listed in this book please mention  
**HENDRICKS' COMMERCIAL REGISTER**



National Mfg. & Engineering Co. (Adjustable Metallic Cushion), 1539 Race  
 Penna. Petroleum & Supply Co. ("Fibbertan"), 115 N 2d  
 Quaker City Rubber Co. ("Daniel's P. P. Rod," "Ebonite" Block Sheet Packing, "Skihi," "Hercules" & "Delta" Red Sheet, "Kalonie" High Pressure Sheet, Cloth Insertion, Wire Insertion, "Ebonite," "Holetite" Spiral, "Crown" Spiral, & "Nalvolite" Valve Stem Packing, 629 Market  
 Ruwell Wm. F. (Cylinder), 719 Noble  
 Schlichter Jute Cordage Co. (Jute), 20 N Front  
 Schultz Patent Rubber Co. ("Tuck," "S. F.," "Bar None," "Armada")  
 Skipton Valente Co., 1230 St. James  
 Underwood H. B. & Co. ("St. John" Self-Adjusting Cylinder Packing), 1025 Hamilton  
 U. S. Metallic Packing Co. ("King," Metallic Piston Rod & Valve Stem, etc), 427 N 13th  
 Walker Thos. & Sons (Metallic), 4619 Tacony, Fkd.  
 Walsh Packing Co. ("Black Jack," "W. D. M.," Metal Face, Steam & Water), 304 New  
 Watt's Jno. M. Sons ("Dirigo," "Nonpareil" & "Keystone"), 54 N 2d  
 Williamson & Cassidy, 526 Market  
 Winne F. W. & Son (Tarred & Untarred Jute), 237 Market  
 Wise & Bailey, 108 Walnut  
**PITTSBURGH—**Chaplin-Futon Mfg. Co. ("Rogers"), 34 Penn av  
 Colonial Supply Co. ("Colonial," "Continental"), 414 1st av  
 Flocker Jno. & Co. (Ltd.), Lubricating Hemp), 957 Liberty  
 Gerwig H. & Sons, 1301 Penn av  
 Pittsburgh Gage & Supply Co. ("Bestovall," "Fort Pitt" Sheet, "Fort Pitt" Spiral), 30th & Liberty av  
**WILKES-BARRE—**Holmes Metallic Packing Co. (Metallic Piston Rod & Valve Stem)

## RHODE ISLAND.

**BRISTOL—**National India Rubber Co. ("Bristol," "National," "Fidelity," "Narragansett," "Stanhope," N. I. R." Rubber, etc.)  
**WYOMING—**Wyoming Yarn Co. ("Wypap" Woolen Yarn for Journal Boxes)

## SOUTH CAROLINA.

**CHARLESTON—**General Asbestos Rubber Co. ("Metalloid," "Ideal," "Parabesto," "Delta," "Eclipse," "Dixie," "Carolina," "Navy," "Valbec-tine," "Semi-Bronze," "Morocco," "Magnolia," "Sumter," "Gilt Edge," "Hecla," "Semihecla," "Heclabronze," "Helicord")

## VIRGINIA.

**RICHMOND—**Glacier Metal Co., Hull & 22d, ("Ribbonized," Metallic)

## WISCONSIN.

**CUDAHY—**Federal Rubber Co., The (Rubber, all Grades)  
**MILWAUKEE—**Delaney Oil Co. (Metallic), 47 3rd  
 Hoyer Engineering Co. (Metallic) 519 19th av  
 Western Rawhide & Belting Co. (Rawhide) 600 So Pierce  
**OSHKOSH—**Oshkosh Bottle Wrapper Co.  
**STEVENS POINT—**Comee Metallic Packing Co. (Metallic)

## 10464— Packing (Metallic)

Advance Packing & Supply Co. (Asbestos-Metallic Sheet), 11 N Franklin, Chicago, Ill.  
 Ambrose Machine Co. ("Ambrose" Self-Adjusting Piston), Provost & Eagle, Brooklyn, N. Y.  
 American Asbestos Co. ("Ambesco" Sheets), Norristown, Pa.  
 American Huhn Metallic Packing Co., 141 B'way, New York

American Metallic Packing Co. (For Steam), Lexington, Ky.  
 American Steam Packing Co. (Asbestos-Metallic), 191 High, Boston, Mass.  
 Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.  
 Asbestos & Rubber Works of Amer. (Asbestos, Sheets), 58th & B'way, New York  
 Aurora Metal Co. ("Lewis & Kunzer" Piston), Aurora, Ill.  
 Boston Belting Co. ("Forsyth" Combination) 84 Linden Park St., Boston, Mass.  
 Buhne Metal Packing Co., 99 Nassau, New York  
 Cancos Mfg. Co. ("Black Squadron"), Garden & Bridge, Philadelphia, Pa.  
 Cassco Bar Metallic Packing Co., 8 S Dearborn, Chicago, Ill.  
 Clark Flexible Metallic Packing Co. (Flexible Metallic), 71 Kennebec, Portland, Me.  
 Collins Metallic Packing Co. ("Collins"), Bourse bldg, Phila., Pa.  
 Colonial Supply Co. ("Colonial"), 414 1st av, Pittsburgh, Pa.  
 Comee Metallic Packing Co., Steven's Point, Wis.  
 Cook C. Lee Mfg. Co. ("Cook's," Piston & Corliss Valve Stem, etc), Louisville, Ky.  
 Davidson M. T. Co. ("Watson's" Piston Rod, etc), 43 Keap, Brooklyn, N. Y.  
 Detroit Leather Specialty Co. ("Wear-Well Regal"), 275 Beecher av, Detroit, Mich.  
 Edgcombe J. C. & Co. ("Edgcombe" Elastic), 149 B'way, New York  
 Federal Metallic Packing Co. ("Pactite" & "Standard" Flexible Metallic Fibred Compound), 48 Hanover, Boston, Mass.  
 France Packing Co. (Piston & Valve Rod, etc), 6510 State rd, Tacony, Phila., Pa.  
 Garlock Packing Co. ("Pitt"), Palmyra, N. Y.  
 General Asbestos & Rubber Co. (Semi-Bronze), Charleston, S. C.  
 Goetze Gasket & Packing Co. ("Rex" & "Goetze" for Saturated Steam, Superheated Steam, Cold & Hot Water & for Highest Steam & Water Pressures), New Brunswick, N. J.  
 Hammett H. G. ("Trojan" for Piston Rods & Valve Stems), Troy, N. Y.  
 Harper Mfg. Co. ("Harper"), Chester, Pa.  
 Hartford Engine Works ("St. John" Self-Adjusting Cylinder), Hartford, Conn.  
 Hatch E. W. ("Hatch"), 14 L, Boston, Mass.  
 High-Speed Metallic Packing Co. ("Perpetual" High Speed), 305 N Michigan av, Chicago, Ill.  
 Holmes Metallic Packing Co. (Piston Rod & Valve Stem), Wilkes-Barre, Pa.  
 Hoyer Engineering Co., 519 19th av, Milwaukee, Wis.  
 Ideal Metallic Packing Co., South Stillwater, Minn.  
 Imperial Iron Works ("Imperial"), Duluth, Minn.  
 Jerome-Edwards Metallic Packing Co. ("Edwards" "Jerome"), 80 E Jackson blvd, Chicago, Ill.  
 Johnson H. Co. ("Johnson's" Asbestos Metallic Sheet, etc), ft Gates av, Jersey City, N. J.  
 Katzenstein Leopold & Co., 358 West, New York  
 Locomotive Finished Material Co. ("Packing Metal"), Atchinson, Kans.  
 Lubricating Metal Co. ("Noheet"), 2 Rector, New York  
**McQUAY-NORRIS MFG. Co.** 2806 Locust ("Leakproof" Piston Head), St. Louis, Mo. *See adv index at end of book*  
 Magnolia Metal Co. ("Magnolia"), 113 Bank, New York  
*See adv index at end of book*

**MARTELL PACKINGS CO. INC.**, ("20th Century," "Martell," for Hydraulic Service), Elyria, O.  
*See adv index at end of book*  
 Martin A. E. Foundry & Machine Co., 705 Park, Milwaukee, Wis.  
 Mechanical Rubber Co. ("White Seal" Asbestos Metallic Cloth Insertion), Cleveland, O.  
 Merrill Wm. B. & Co. ("Tripp" for Piston Rods, etc), Jamaica Plains, Boston, Mass.  
 Morris Metallic Packing Co. (Piston Rod & Valve Stem), Lehigh av & Mutter, Phila., Pa.  
 National Mfg. & Engineering Co. ("American" Adjustable Metallic Cushion), 1539 Race, Phila., Pa.  
 New Era Mfg. Co. ("New Era" Self-Lubricating Metallic Engine Packing), Kalamazoo, Mich.  
 Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, N. Y.  
*See adv index at end of book*  
 Northern Metallic Packing Co., 253 E 8th, St. Paul, Minn.  
 Paxton-Mitchell Co. ("Mitchell"), Omaha, Neb.  
 Power Specialty Co. ("Duval"), 111 B'way, New York  
 Revere Rubber Co. ("Giant" & "Samson," Spiral Piston, etc), 60 High, Boston, Mass.  
 Specialty Mfg. Co. ("S. M. C." Perpetual Rope), 14 E Jackson blvd, Chicago, Ill.  
 Steel Mill Packing Co. ("Safety," Plastic Metallic), Detroit, Mich.  
**STRONG MACHINERY & SUPPLY CO.** ("Strong's Rivalite" Metallic Loop & Semi-Metallic), 21 Walker, New York  
*See adv index at end of book*  
 Swain Lubricator Mfg. Co. (For All Engines, Pumps, Superheated Steam, etc), 443 W 37th, Chicago, Ill.  
 Trainer C. W. Mfg. Co. ("Asbestos Metallic"), 55 High, Boston, Mass.  
 United Lead Co. ("Ulco" Lead Wood), 111 B'way, New York  
 United States Metallic Packing Co. ("King," Piston Rod & Valve Stem, etc), 427 N 13th, Phila., Pa.  
 Walker James & Co. (Ltd.), ("Lion"), 27 Thames, New York  
 Walker Thos. & Sons, 4619 Tacony, Fkd., Phila., Pa.  
 Walsh Packing Co., 111 S 7th, Phila., Pa.  
 Watson H. F. Co. (Asbestos), Erie, Pa.

## 10464a—\*Packing (Oil, Water &amp; Gas)

**NIAGARA FALLS (ONT.) GASKET & PACKING CO.**, Church & Fulton, New York. *See adv index at end of book*

NIAGRATITE  
SHEET PACKING

For Oils, Water, Air, Gas, Etc.

**Niagara Falls (Ont.) Gasket & Packing Co.**  
 Fulton and Church Streets New York City

## 10465—Packing Pads (Excelsior)

**BOSTON EXCELSIOR CO.**, 26 Canal, Boston, Mass.  
 Excelsior Wrapper Co., Grand Rapids, Mich.

## Packing (Piston Rod)

*See Packing, Metallic; also Packing Manufacturers*

## 10466— \*Packing (Pump)

**NIAGARA FALLS (ONT.) GASKET & PACKING CO.**, Church & Fulton, New York  
*See adv index at end of book*

## 10467-8—Packing (Rawhide)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.  
 National Leather Mfg. Co. (Self-Lubricating), Niles, Mich.

**The Martell Packings  
 Company, Inc.**  
 ELYRIA, OHIO  
 Give Prompt Service and Make  
 Metal Packings for all Conditions



Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York  
*See adv index at end of book*  
**STRONG MACHINERY & SUPPLY CO.**  
 ("Strong's" Square Platted Rawhide),  
 21 Walker, New York  
*See adv index at end of book*  
 Western Rawhide & Belting Co. (White  
 Rope), 600 So Pierce, Milwaukee, Wis.

### Packing (Red Sheet)

*See Packing Sheet*

### 10469—Packing (Resilient Waste)

Franklin Mfg. Co. ("Perfection, for Journal Box, Piston Rod, etc), Franklin, Pa.

### 10470—Packing (Ring & Spiral)

American Asbestos Co. ("Ambesco" & Asbestos Metallic), Norristown, Pa.  
 American Balance Valve Co., Jersey Shore, Pa.

American Steam Packing Co., 191 High, Boston, Mass.

Anchor Packing Co. ("Senator"), Lafayette bldg, Phila., Pa.

Anderson G. P., 65 Oliver, Boston, Mass.

Boonton Rubber Co. (Hard Rubber & Asbestos), Boonton, N. J.

Boston Belting Co., 84 Linden Park st, Boston, Mass.

Brown D. P. & Co. (Brown's Oil Proof), 264 N 4th, Phila., Pa.

Cancos Mfg. Co. ("Black Squadron"), Garden & Bridge, Phila., Pa.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Combination Rubber Mfg. Co. ("Indestructene," "Bloomfield" Sectional & Plain), Bloomfield, N. J.

Crandall Packing Co., Palmyra, N. Y.

**DANUBIL CO.** (High & Low Pressure, Ring), Postal Telegraph bldg, New York

Dealers Steam Packing Co. ("Devil Skin" Superheated Steam), Palmyra, N. Y.

Durabla Mfg. Co. ("Durabilia" Superheated Steam, Oil & Water), 114 Liberty, New York

Empire Tire & Rubber Corp., ("Empire's Best," "Model," "Sterling," "Reliance," "Hercules," "Eagle," "Diamond" & "Vulcan"), East Trenton, N. J. *See adv index at end of book*

**EMPIRE WEAVING & BELTING CORP.**, East Rochester, N. Y.

*See adv index at end of book*

Ever Tight Piston Ring Co. ("Ever Tight"), 1424 Chestnut, St. Louis, Mo.

Federal Metallic Packing Co. (Flexible Metallic), 48 Hanover, Boston, Mass.

Garlock Packing Co., Palmyra, N. Y.

General Asbestos Rubber Co. ("Garco," "Difies," "Victor," "Helicord," "Carolina," "Semi-Bronze," "Hecla," "Metalloid"), Charleston, S. C.

Goetze Gasket & Packing Co. ("Ideal"), South New Brunswick, N. J.

Gould Packing Co., Cambridgeport, Mass.

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.

Ideal Metallic Packing Co. ("Ideal," Metallic), S Stillwater, Minn.

Jerome-Edwards Metallic Packing Co., 80 E Jackson blvd, Chicago Ill.

Johns H. W.-Manville Co., Madison av & 41st, New York

Johnson Henry Co. ("Alden," "Moreland," "Remora," "Waldo," "Sable," "Clay," "Johnson"), ft Gates av, Jersey City, N. J.

Knowlton Geo. W. Rubber Co. (And Spiral Square & Round), 60 Pearl, Boston, Mass.

**McQUAY-NORRIS MFG. CO.** ("Leak-proof" Piston Head), 2806 Locust, St. Louis, Mo. *See adv index at end of book*

**OUR METAL PACKING**  
**For Pump Plungers is**  
**"TIGHT WITHOUT TOUCHING"**  
**The Martell Packings Company, Inc.**  
**ELYRIA, OHIO**

### MARTELL PACKINGS CO., INC., Elyria, O.

*See adv index at end of book*

Mechanical Rubber Co. ("Cleveland," "Euclid," High Pressure, Low Pressure, "Jupiter," "Standard," "Integrity," "Ohio," "Forest City"), Cleveland, O.

Michigan Leather Packing Co. (Leather), Detroit, Mich.

Mulconroy Co., 54th & Jefferson, Phila., Pa.

National India Rubber Co., Bristol, R. I.

New York Belting & Packing Co. (Rubber), 91 Chambers, New York

Niagara Falls (Ont.) Gasket & Packing Co. (Ring), Church & Fulton, New York *See adv index at end of book*

Pilley Flue Brush Co., 604 S 3d, St. Louis, Mo.

Quaker City Rubber Co. ("P. P. P.," "Donkey," "Crown"), 629 Market, Phila., Pa.

Revere Rubber Co. ("Revere," Lubricated) 60 High, Boston, Mass.

**STRONG MACHINERY & SUPPLY CO.** ("Strong's Veri Best" Extra High Pressure Piston & Valve Rod), 21 Walker, New York

*See adv index at end of book*

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Wing J. T. & Co., 19 Woodward av, Detroit, Mich.

### 10471—Packing (Rod & Plunger)

Danubil Co., Postal Telegraph bldg, New York

Hollow Center Packing Co., 608 S Dearborn, Chicago, Ill.

Johns H. W.-Manville Co. ("J-M. Sea Rings," "J-M Kearsage," "J-M Universal"), Madison av & 41st, New York

### 10472— Packing (Sheet)

Adkins, Young & Allen Co. ("A. Y. A."), 109 N Canal, Chicago, Ill.

Advance Packing & Supply Co. ("Bestallic," "Cleite"), 11 N Franklin, Chicago, Ill.

Allen W. D. Mfg. Co., 570 W Lake, Chicago, Ill.

American Asbestos Co. ("Ambesco" & Asbestos Metallic), Norristown, Pa.

Anchor Packing Co. ("Tauril," "Ankorite," "Asbestine"), Lafayette bldg, Phila., Pa.

Asbestos Fibre Spinning Co. ("Fibo" Asbestos Cloth & Brass Wire), North Wales, Pa.

Belmont Packing & Rubber Co. ("Belmont"), 133 N 2nd, Phila., Pa.

Boston Belting Co. ("Roxboro," "Champion," "Crescent," "Nox-en-all," "Black Diamond," "Elmwood," "Phoenix," "Trimount," "Flexite," "Regular"), 84 Linden Park, Boston, Mass.

Bowers Rubber Works ("Bay City," "Guardian," "Red Sunset," "Reliance," "Seal Rock," "Sunset"), 68 Sacramento, San Francisco, Cal.

Burgmann Flador ("Janos"), 26 John, New York

Cancos Mfg. Co. ("Black Squadron," "Pyramid"), Garden & Bridge, Phila., Pa.

Chesterton A. W. Co. ("Redbestos," "Rubberbestos," "Vaporite," "Russo"), 64 India, Boston, Mass.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Colonial Supply Co. ("Colonial," "Continental"), 414 1st av, Pittsburgh, Pa.

Combination Rubber Mfg. Co. ("Red Diamond," "Blue Diamond" & Wire Insertion, Diaphragm, etc), Bloomfield, N. J.

Consolidated Packing & Supply Co. ("Adamite," "Consolco"), 136 Liberty, New York

Continental Rubber Works ("Tribune"), Erie, Pa.

Crandall Packing Co. ("Ethiopia," "Heliois," "Regina," "Sahara"), Palmyra, N. Y.

**DANUBIL CO.** ("Danubil," "Hudsonil" Asbestos & "Convention"), Postal Telegraph bldg, New York

Dealers Steam-Packing Co., Palmyra, N. Y.

Double Service Packing Co., 244 Chestnut, Phila., Pa.

Durable Mfg. Co. ("Durabilia" Superheated Steam, Oil & Water), 114 Liberty, New York

Empire Tire & Rubber Corp. ("Alabama," "Amazon," "Merrimac," "Monitor" & "Paragon"), East Trenton, N. J.

*See adv index at end of book*

Endura Mfg. Co., 63d & Reading R. R., Phila., Pa.

Essex Rubber Co., Trenton, N. J.

Eureka Packing Co., 78 Murray, New York

France Packing Co., 6510 State rd, Tacony, Phila., Pa.

**GASKET SUPPLY CO.** (Cloth Inserted Red Rubber & Oil Proof), 1927 Ludlow, Phila., Pa.

*See adv index at end of book*

Garlock Packing Co. ("Garlock"), Palmyra, N. Y.

Garratt-Callahan Co. (Swart's), 27 S Clinton, Chicago, Ill.

General Asbestos Rubber Co. ("Aurora," Red "Magnolia," "White," "Morroco," Black "Metalloid," "Semi-Bronze," "Calibestos," "Pyroid," "Petrobestos," "Parabestos," "Charleston"), Charleston, S. C.

Goetze Gasket & Packing Co. ("Goetzerit"), South New Brunswick, N. J.

Goodrich B. F. Co., Akron, O.

Goodyear Tire & Rubber Co. ("Red Wing"), Akron, Ohio

Gould Packing Co. ("Gould's"), E. Cambridge, Mass.

Gutta Percha & Rubber Mfg. Co. (Red & Black Cloth Insertion & Pure Gum), 126 Duane, New York

Hamilton Rubber Mfg. Co. ("Perfection"), Trenton, N. J.

Hart Packing Co., 144 High, Boston, Mass.

Hewitt Rubber Co. (Pure Gum & Cloth Insertion), Buffalo, N. Y.

Hollow Center Packing Co. ("Ovalhole"), 608 S Dearborn, Chicago, Ill.

Home Rubber Co. ("Original Black," "N. B. O."), Trenton, N. J.

Jenkins Bros. ("Jenkins-96," "Jenarco"), 82 White, New York

Johns H. W.-Manville Co. ("J-M," "Mobilene," "Kearsage," "Liberty," "Permanite," "Vulcabeston"), 41st & Madison av, New York

Johns-Pratt Co. ("Vulcobeston" Red Fibre), Hartford, Conn.

Johnson H. Co. ("Brandon," "Black Jack," "Alligator," "Johnson"), ft Gates av, Jersey City, N. J.

Knowlton G. W. Rubber Co. ("G. W. K.," "Hub"), 60 Pearl, Boston, Mass.

Mechanical Rubber Co. ("Ceo," "Sterling," "Crow," "Saturn," "Mensco"), Cleveland, Ohio

Mercer Rubber Co. ("Redbreast," Asbestos, (Rubber with Cloth Insertion), Hamilton Sq., N. J.

National India Rubber Co. ("N. I. R." Red), Bristol, R. I.

New Jersey Car Spring & Rubber Co. ("Indigo"), 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co. ("Salamanda," "Indestructible," "Karbonite," "Ruby"), 91 Chambers, New York

**NEW YORK RUBBER CO.** (Red & Black), 225 W Randolph, Chicago, Ill., Reade & Church, New York

Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York

*See adv index at end of book*

Peerless Rubber Mfg. Co. ("Rainbow"), 31 Warren, New York

Pennsylvania Rubber Co. ("Century" White Pure Sheet Rubber, "Creole" Black Sheet, etc), Jeannette, Pa.

Quaker City Rubber Co. (Ebonite) block sheet packing, "Skihi," "Hercules" & "Delta" red sheet packing "Kaloric" high pressure), 629 Market, Phila., Pa.

Republic Rubber Co. ("Search Light"), Youngstown, O.

**When writing to firms whose names appear in this book please mention**

**HENDRICKS' COMMERCIAL REGISTER.**



Revere Rubber Co. ("Black Cross," "Back Hawk," "Eagle," "Usurdurian," "Giant Red Crescent," "Paramo," "Revero"), 60 High, Boston, Mass.

Rubber Fibre Co. ("Elasto"), 560 First, So. Boston Mass.

Salisbury W. H. & Co. ("Congo," "Hevea," "Salisbury"), 105 S Wabash, Chicago, Ill.

Standard Mfg. & Supply Co., 30 N 4th, Phila., Pa.

**STRONG MACHINERY & SUPPLY CO.** ("Strong's I. O. P. Dichtungsgummi"), 21 Walker, New York

See adv index at end of book

Thermoid Rubber Co. ("Albanoid," "Blackoid," "Everoid," "Odinoid," "Plumbago," "Solaroid," "Thoroid"), Trenton, N. J.

Trainer C. W. Mfg. Co. ("Olympia," "Vulcafibron"), 55 High, Boston, Mass.

United & Globe Rubber Mfg. Co., Trenton, N. J.

Victor Rubber Co. ("Viruco"), Springfield, O.

Vulcan Asbestos Mfg. Co. ("Hercules"), Produce Exchange, New York

Watts John M. Sons ("Dingo Red," "Watts Oil Proof"), 54 N 2d, Phila., Pa.

Western Rubber Co. ("C. I.," "C. B. S.," "C. O. S."), Goshen, Ind.

Whitehead Bros. Rubber Co., Trenton, N. J.

Wise & Bailey ("Continental," "Enterprise," "Franklin," "Red Rover"), 108 Walnut, Phila., Pa.

Woven Steel Hose & Rubber Co., Trenton, N. J.

#### 10472a— \*Packing (Steam)

See also Packing Various kinds

**NIAGARA FALLS (ONT.) GASKET & PACKING CO.** ("Klingtite"), Church & Fulton, New York

See adv index at end of book

#### 10473-4-5—Packing Sticks

**STRONG MACHINERY & SUPPLY CO.** ("Strong's Excelsior"), 21 Walker, New York

See adv index at end of book

#### 10476—Packing (Weather Strip)

Bosley D. W. Co. (For Refrigerators, Ice Boxes, etc.), 122 S Michigan av, Chicago, Ill.

Cincinnati Rubber Mfg. Co., Cincinnati, O.

Mechanical Rubber Co., Cleveland, O.

#### 10477—Packing (Wire Rope Pulley)

Boston Belting Co., 84 Linden Park, Boston, Mass.

#### 10478— Packing (Yarn)

Wyoming Yarn Co. ("Wypak" Woolen for Journal Boxes, etc.), Wyoming, R. I.

#### 10479— Pad Screws

North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

#### 10480— Padding (Table)

Knitted Padding Co. (Knitted Cotton), Canton Junction, Mass.

#### 10481— Paddles (Beater)

Alloy Steel Forging Co., Carnegie, Pa.  
Menasha Mfg. Co. (For Paper Mills), Menasha, Wis.

#### 10482— Paddles (Canoe)

N. Y. Boat Oar Co., 69 West, New York

#### 10483—Paddles (Mustard)

**Established 1847**  
**E. B. ESTES & SONS** Manufacturers of

**Mustard Paddles, Boxwood and Maple, Plain or Printed**

Also Mustard Spoons. Automatic Lathe Turnings  
**358 5th Ave. New York City**

#### Padlocks

See Locks, Padlocks

#### 10484— Padlocks (Pole)

Fletcher Mfg. Co., Dayton, Ohio

#### 10485— Pads (Calendar)

Anderson W. J. & Co., 341 B'way, New York

Elliott Chas. H. Co., 17th & Lehigh av, Phila., Pa.

General Advertising Co., Reading, Pa.  
Goes Lithographing Co., 61st & Clark, Chicago, Ill.

Kimpton Ed. Co., 60 John, New York  
Southgate Press ("Acme"), 87 Broad, Boston, Mass.

Stern Edward & Co., 140 No 6th, Phila., Pa.

Tower Mfg. & Novelty Co., 326 B'way, New York

Weeks Frank A. Mfg. Co., 93 John, New York

#### 10486—Pads (Carriage Step)

Keystone Forging Co. (Wrought Iron), Northumberland, Pa.

#### 10487— Pads (Chair)

Excelsior Wrapper Co., Sheboygan, Wis.  
Fox Geo. E. Co. (Felt), 54 W Kinzie, Chicago, Ill.

Oshkosh Bottle Wrapper Co. (& Furniture Pads), Oshkosh, Wis.

#### 10488— Pads (Coach)

Standard Coach Pad Co., Wooster, O.

#### 10489—Pads (Horse Collar)

American Pad & Textile Co., Greenfield, O.  
Burlington Blanket Co. ("Ventiplex"), Burlington, Wis.

Curtis-Dexter Co. ("Boss" Zinc Lined, "Curtis" Leather), Madison, Wis.

Gall Cure Collar Pad Co. ("Gall-Cure"), Richmond, Ind.

Harsh-Miller Mfg. Co. ("Wabash"), Wabash, Ind.

Louisville Girth & Blanket Mills (Woven Hair), Louisville, Ky.

Meyer Corp., The, Morton, Ill.

Norfolk Collar Pad Co., Norfolk, Va.

Perforated Pad Co., Woonsocket, R. I.

Perkins-Campbell Co., 622 B'way, Cincinnati, O.

Zink Collar Pad Co. ("Star" Zinc & Leather), Buchanan, Mich.

#### 10490—Pads (Horse Shoe, Leather)

Graton & Knight Mfg. Co., Worcester, Mass.

#### 10491— Pads (Packing)

Excelsior Wrapper Co. (Furniture), Grand Rapids, Mich.

Maish Chas. A. Co. (Furniture), 1125 Bank, Cincinnati, O.

Oshkosh Excelsior Mfg. Co. (Furniture), Oshkosh, Wis.

Page Geo. G. Box Co. (Corrugating Packing), Cambridge, Mass.

Rochester Pad & Wrapper Co., Rochester, N. Y.

Selle H. W. & Co. (Furniture), 1000 N Halsted, Chicago, Ill.

Sheboygan Pad Co. (Furniture), Sheboygan, Wis.

Standard Excelsior Wrapping Co. (Furniture), Appleton, Wis.

#### 10492— Pads (Stamp)

Hager C. C. Co. ("Never-Smear"), 1234 Penn, Pittsburgh, Pa.

Kee Lox Mfg. Co., Rochester, N. Y.

Laughton Pad Co., Westfield, Mass.

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**KLINGTITE SHEET PACKING**

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**Niagara Falls (Ont.) Gasket & Packing Co.**

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NEW YORK CITY



Superb Stamp Pad Co., 27 Cottage, Auburn, N. Y.  
Volger B. G. Mfg. Co. ("Excelsior," "New Departure"), Passaic, N. J.

#### 10493— Pads (Sweat)

American Pad & Textile Co., Greenfield, O.  
Burlington Blanket Co. ("Ventiplex"), Burlington, Wis.  
Couch Bros. Mfg. Co., East Point, Ga.  
Norfolk Collar Pad Co., Norfolk, Va.  
Powers Mfg. Co., Waterloo, Ia.  
Schott J. B. Saddlery & Mfg. Co., Quincy, Ill.  
Schwalm-Seyberth Saddlery Co., Eau Claire, Wis.  
Southern Sweat Pad Co., Evansville, Ind.

#### 10494— Pads (Telephone)

Atwater S. I. ("Ever Ready"), 335 B'way, New York

#### 10495— Pads (Tire Repair)

Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*

#### 10496— Pads & Tablets

Adams, Cushing & Foster, 168 Devonshire, Boston, Mass.  
Affleck Ruling & Stationery Co., Holyoke, Mass.  
American Pad & Paper Co., Holyoke, Mass.  
Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.  
Baughman Stationery Co., 1322 W Broad, Richmond, Va.  
Bell Book & Stationery Co., 914 E Main, Richmond, Va.  
Birnie Paper Co., Springfield, Mass.  
Blade Printing & Paper Co., Toledo, O.  
Blair J. C. Co., Huntingdon, Pa.  
Blake-McFall Co., E 3rd, Portland, Ore.  
Boorum & Petase Co., 109 Leonard, New York  
Central Paper & Tablet Co., Indianapolis, Ind.  
Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.  
Cupples Samuel Envelope Co., 6th & Cerre, St. Louis, Mo.  
De Pere Tablet Co., De Pere, Wis.  
Earl M. J., Reading, Pa.  
Eastern Tablet Co., Albany, N. Y.  
Eaton, Crane & Pike Co., Pittsfield, Mass.  
Eau Claire Book & Stationery Co., Eau Claire, Wis.  
Essex Pad & Paper Co., Holyoke, Mass.  
Foisher Bros. Paper Co., Fort Wayne, Ind.  
Garden City Tablet Co., Elkhart, Ind.  
Hartman E. F. Co., Springfield, Ill.  
Highland Mfg. Co., Holyoke, Mass.  
Holm G. A. & Bro., Mansfield, O.  
Hopper Paper Co., Johnsonburg, Pa.  
Hurd Geo. B. & Co., 425 Broome, New York  
Illinois Printing Co., Danville, Ill.  
Indiana Paper Co., Indianapolis, Ind.  
Johnstown Tribune Publishing Co., Johnstown, Pa.  
Judd Paper Company, Holyoke, Mass.  
Kalamazoo Stationery Co., Kalamazoo, Mich.  
Ketcheson J. C., Leavenworth, Kan.  
Kistler W. H. Stationery Co., Denver, Colo.  
Lesh C. P. Paper Co., Indianapolis, Ind.  
Leslie John Paper Co., 3rd av S & 5th, Minneapolis, Minn.  
Longwell-Cummings Co., Loganport, Ind.  
Lowman & Hanford Co., Seattle, Wash.  
McClellan Paper Co., 700 S 4th, Minneapolis, Minn.  
McIntosh Jno. L., 185 Franklin, Boston, Mass.  
Mann Herbert R., Troy, N. Y.  
Miller Fred R. Blank Book Co., Williamsport, Pa.  
Minneapolis Paper Co., 4th av S & 5th, Minneapolis, Minn.  
Montag Bros., Atlanta, Ga.  
Myers R. M. & Co., Rochester, N. Y.  
Osborn Paper Co., Marion, Ind.  
Pacific Paper Co., Portland, Ore.  
Pantagraph Printing & Stationery Co., Bloomington, Ill.  
Perkins Bros. Co., Sioux City, Ia.  
Polar Mfg. Co. (Glass Desk Pads), 101 N Marshall, Phila., Pa.  
Post Publishing Co., Appleton, Wis.  
Powers Paper Co., Springfield, Mass.  
Raab W. H. & Bro., Johnstown, Pa.  
Remington H. E. & Co., Fitchburg, Mass.

Reynolds & Reynolds Co., Dayton, O.  
Roaring Spring Blankbook Co., Roaring Spring, Pa.  
Roberts & Meck, Harrisburg, Pa.  
Schmidtman's Theo. Sons Co., Manitowoc, Wis.  
Smith Tablet Co., Holyoke, Mass.  
Stowell Henry & Son, Troy, N. Y.  
Taylor-Atkins Paper Co., Burnside, Conn.  
Vernon S. E. & M., 65 Duane, New York  
Waddey Everett Co., 1105 E Main, Richmond, Va.  
Ward Samuel Mfg. Co., 299 Atlantic av, Boston, Mass.  
Wendt & Rausch Co., Toledo, O.  
Western Tablet Co., St. Joseph, Mo.  
White & Wyckoff Mfg. Co., Holyoke, Mass.  
Whiting Paper Co., Holyoke, Mass.  
Wright, Barrett & Stilwell Co., N E cor. University & Hampden avs, St. Paul, Minn.

#### 10497— Pail Ears

ACKLIN STAMPING CO., 1659 Dorr, Toledo, O. *See adv index at end of book*  
Berger Bros. Co. (Pail Ears, Pans, Kettles, etc.), 229 Arch., Phila., Pa.  
Central Stamping Co., 172 Fulton, New York  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Forsyth Metal Goods Co. (& Tub Ears), E Aurora, N. Y.  
Holland Mfg. Co. (Pail & Tub), Central av. & Bank, Baltimore, Md.  
Lalance & Grosjean Mfg. Co., 299 B'way, New York  
Morgan Spring Co., Worcester, Mass.  
Parker Wire Goods Co. (Wire Rail & Tub), Worcester, Mass.  
Plume & Atwood Mfg. Co., Waterbury, Conn.  
Pratt Wm. E. Mfg. Co. (Tinned), 35 W Lake, Chicago, Ill.  
Townsend C. C. & E. P. Co., New Brighton, Pa.  
Townsend G. C., Winchendon, Mass.  
Troy Stamping Works, Troy, N. Y.

#### 10498— Pails (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
Buckeye Aluminum Co. ("Real Solid"), Wooster, O.  
Toledo Cooker Co. (Cooke), Toledo, O.

#### 10498a—Pails (Butcher Supply)

Johnson-Morse Can Co., Wheeling, W. Va.  
Wheeling Can Co., Wheeling, W. Va.

#### 10499— Pails (Candy)

See also Pails & Buckets, Wood; also Pails, Shipping

Dunning-Varney Co. ("D. V." Seamless), 99 Warren, New York  
Estes E. B. & Sons, 358 Fifth av, New York  
*See adv index at end of book*  
Great Northern Pail Co., Gillette, Wis.  
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
Lyman Mfg. Co., Warren, O.  
Menasha Wooden Ware Co. (Wooden), Menasha, Wis.  
Ohio Pail Co. (Wood), Middlefield, O.  
Peoria Can Co. (Plain or Decorated), Peoria, Ill.  
Richmond Cedar Works ("Anchor Brand," White Cedar & Cypress), Fulton, Richmond, Va.  
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

#### 10500—Pails (Cement & Navy)

Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Galvanized), Wheeling, W. Va.

#### 10500a—\*Pails (Collapsible)

(See also Buckets & Pails, Collapsible)  
Stanley Wm. W. (For Automobiles), 50 Church, New York

#### 10501-2— Pails (Commode)

See also Tinware Mfrs.  
Central Stamping Co. ("Puritan"), 172 Fulton, New York  
Lalance & Grosjean Mfg. Co., 299 B'way, New York

National Enameling & Stamping Co., 374 B'way, New York  
Northwestern Stamping Co. ("Pierce's" Sanitary), Burlington, Ia.  
Rochester Stamping Co., Rochester, N. Y.

#### 10503— Pails (Dairy)

Atlantic Stamping Co. ("Atlantic" Tin), 156-180 Ames, Rochester, N. Y.  
Brown Stamping Co., Toledo, O.  
Buhl Stamping Co., Detroit, Mich.  
Central Stamping Co. ("Puritan"), 172 Fulton, New York  
Elliott Mfg. Co. ("Elliott" Sanitary), Warren, Ill.  
Lawrence Stamping Co., Toledo, Ohio  
Lisk Mfg. Co. (Ltd.) ("Lisk" Anti Rust), Canandaigua, N. Y.  
National Enameling & Stamping Co., 374 B'way, New York  
Peoria Can Co., Peoria, Ill.  
Phillips & Buttorff Mfg. Co. ("Strainer"), Nashville, Tenn.  
Rochester Can Co. ("Iron Horse"), Rochester, N. Y.  
*See adv index at end of book*  
Rochester Stamping Co., Rochester, N. Y.

#### 10504— Pails (Dinner, Etc.)

Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.  
Behrens H. Mfg. Co., Winona, Minn.  
BERTELS W. B. & SON CO., Wilkes-Barre, Pa.  
Buckeye Aluminum Co. ("Real Solid" Aluminum Sectional), Wooster, O.  
Central Stamping Co. ("U. S."), 172 Fulton, New York  
Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.  
Handy Pail Co. ("Barr's Patent"), 1777 B'way, New York  
Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc), 299 B'way, New York  
Leonard Mfg. Co., Scranton, Pa.  
Leonard T. F. Co. ("Leonard"), Scranton, Pa.  
National Enameling & Stamping Co. ("Acme," "Aurora"), 411 5th av, New York  
Peoria Can Co., Peoria, Ill.  
Strong Mfg. Co. (Miners, etc), Sebring, O.  
Sullivan-Geiger Co. ("IX," "Boss" Round Miners'), Indianapolis, Ind.

#### 10505— Pails (Fibre)

Fibre Corporation ("Fibrotta," "Lily Star"), Lockport, N. Y.  
Toledo Fibre Package Co., Toledo, O.

#### Pails (Fire)

See Buckets, Fire; Pails, Galvanized Iron; also Pails, Fibre

#### 10506— Pails (Foundry)

American Wooden Ware Mfg. Co. (White Oak), Toledo, O.  
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.  
Richmond Cedar Works ("J. I. C.," Heavy Oak), Fulton, Richmond, Va.  
Steel Basket Co. (Corrugated Steel), Cedar Rapids, Ia.  
Threthaway Bros., Parsons, Pa.

#### 10507—Pails (Galvanized Iron)

AMERICAN CAN CO., 120 Broadway, New York  
*See adv index at end of book*  
Atlantic Stamping Co., 156-180 Ames, Rochester, N. Y.  
Brown Stamping Co., Toledo, O.  
Buhl Stamping Co., Detroit, Mich.  
Central Stamping Co., 174 Fulton, New York  
Cincinnati Galvanizing Co., McMicken av & Tafel, Cincinnati, O.  
Clark W. J. Co., Salem, O.  
Coonley Mfg. Co., Cicero, Ill.  
Crunden-Martin Mfg. Co. (Fire, Water, Mule, etc), 2d & Gratiot, St. Louis, Mo.  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Dressel Railway Lamp Works, 3860 Park av, New York  
Dunlap John Co., Gregg, Pittsburgh, Pa.  
GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*  
Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.



Kraft A. C., 323 W Lake, Chicago, Ill.  
 Lalance & Grosjean Mfg. Co., 299 B'way,  
 New York  
 Lisk Mfg. Co. (Ltd.) ("Lisk" Aluminum  
 Galvanized), Canandaigua, N. Y.  
 National Enameling & Stamping Co., 374  
 B'way, New York  
 New England Enameling Co. (Water, Fire,  
 etc), Middletown, Conn.  
 Pritchard Stamping Co., Rochester, N. Y.  
 Republic Metalware Co., Buffalo, N. Y.  
 Rex Harris Fire Appliance Co., 39 E 19th,  
 New York

**ROCHESTER CAN CO.** ("Iron Horse"),  
 Rochester, N. Y.  
*See adv index at end of book*  
 Rochester Stamping Co., Rochester, N. Y.  
 Sexton Can Co. (Fire, etc), 228 Franklin,  
 Boston, Mass.  
 Steel Basket Co., Cedar Rapids, Ia.  
 Wall P. Mfg. Supply Co., 705 Preble  
 av, N S, Pittsburgh, Pa.  
 Whitaker-Glessner Co. (Wheeling Corru-  
 gating Dept), Wheeling, W. Va.

### 10508-9— Pails (Garbage)

*See also Cans, Ash & Garbage*  
**AMERICAN CAN CO.**, 120 Broadway, New  
 York  
*See adv index at end of book*  
 Atlantic Stamping Co., 156-180 Ames,  
 Rochester, N. Y.  
 Buhl Stamping Co., Detroit, Mich.  
 Central Stamping Co., 174 Fulton, New  
 York  
 Cincinnati Galvanizing Co. ("King" Cor-  
 rugated), McMicken av & Tafel, Cin-  
 cinnati, O.  
 Dover Stamping & Mfg. Co. ("Galvan-  
 ized"), Cambridge, Mass.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 National Enameling & Stamping Co., 374  
 B'way, New York  
 New England Enameling Co. (Galvan-  
 ized), Middletown, Conn.  
**ROCHESTER CAN CO.** ("Iron Horse"),  
 Rochester, N. Y.  
*See adv index at end of book*  
 Whitaker-Glessner Co. (Wheeling Corru-  
 gating Dept), Wheeling, W. Va.  
 Witt Cornice Co. ("Witt's"), 2118 Win-  
 chell av, Cincinnati, O.

### 10510— Pails (Milk)

Lalance & Grosjean Mfg. Co. (Enameled  
 Iron), 299 B'way, New York  
 Menasha Woodenware Co. (Wooden), Me-  
 nasha, Wis.  
 National Enameling & Stamping Co., 374  
 B'way, New York  
 Peoria Can Co. (Tin), Peoria, Ill.  
 Richmond Cedar Works ("Anchor  
 Brand," White Cedar), Fulton, Rich-  
 mond, Va.

### 10511—Pails (Milk Strainer, Etc.)

Atlantic Stamping Co. ("Atlantic" Sanitary  
 Dairy, All Tin), 156-180 Ames,  
 Rochester, N. Y.  
 Central Stamping Co. ("Puritan"), 174  
 Fulton, New York  
 Lalance & Grosjean Mfg. Co., 299 B'way,  
 New York  
 Lisk Mfg. Co. (Ltd.) ("Lisk Ant" Rust),  
 Canandaigua, N. Y.  
 Peoria Can Co., Peoria, Ill.  
 Schlueter Mfg. Co., B'way & John av,  
 St. Louis, Mo.

### 10511a—\*Pails (Miniature, Wooden)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 10512— Pails (Mortar)

Rice Jas. H. Co., 451 St. Clair, Chicago,  
 Ill.  
 Richmond Cedar Works ("Anchor  
 Brand," Heavy Oak), Fulton, Rich-  
 mond, Va.

### 10513— Pails (Paper)

Dunning-Varney Co. ("D. V. Seamless"),  
 99 Warren, New York  
 O. K. Paper Pail Co. (Oyster, Ice Cream,  
 etc), Middletown, O.  
 Sefton Wm. J. 54th & Lafayette, New  
 York

### Pails (Rubber)

*See Buckets, Fire, with the word Rubber  
 following their name*

### 10514— Pails (Sap)

Conneaut Can Co., Conneaut, O.  
 Fuller G. E. & A. I. (Wooden), Marlboro  
 Depot, N. H.  
 Menasha Wooden Ware Co. (Wooden),  
 Menasha, Wis.  
 Peoria Can Co., Peoria, Ill.  
 Whitaker-Glessner Co. (Wheeling Corru-  
 gating Dept.), (Tin & Galvanized  
 Steel), Wheeling, W. Va.

### 10515— Pails (Shipping)

Crunden-Martin Mfg. Co. ("C. M." Metal  
 Candy & Stock Food), 2d & Gratiot,  
 St. Louis, Mo.  
 Menasha Wooden Ware Co. (Wood, for  
 Candy, Tobacco, Lard, Stock Food,  
 Coconut, Pigs Feet, Pickles, Grease,  
 Fish & Jelly Packages, Cheese Boxes,  
 etc), Menasha, Wis.  
 Whitaker-Glessner Co. (Wheeling Corru-  
 gating Dept), (Galvanized), Wheeling,  
 W. Va.

### 10516— Pails (Steel, Shop)

Cleveland Wire Spring Co. (Sheet Steel),  
 Cleveland, O.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
**OHIO MFG. CO.**, P. O. Box 358, Paines-  
 ville, O. *See adv index at end of book*  
 Steel Basket Co. (Corrugated), Cedar  
 Rapids, Iowa

### 10517— Pails (Tar)

Clark W. J. Co., Salem, O.  
 Koven L. O. & Bro., 154 Ogden av, Jer-  
 sey City, N. J.

### 10518— Pails (Tin, Lard)

**AMERICAN CAN CO.**, 120 B'way, New  
 York *See adv index at end of book*  
 Brecht Co. (Tin), 1201 Cass av, St. Louis,  
 Mo.  
 Colonial Can Co., 120 Milk, Boston, Mass.  
 Columbia Can Co., Madison, 1st to 2d, St.  
 Louis, Mo.  
 Conneaut Can Co., Conneaut, O.  
 Johnson-Morse Can Co., Wheeling, W. Va.  
 New Can Co., 326 A, Boston, Mass.  
 Pague Mfg. Co., 29th & Southwest blvd,  
 Kansas City, Mo.  
 St. Louis Butchers' Supply Co., 1543 N  
 15th, St. Louis, Mo.  
 Sexton Can Co., 228 Franklin, Boston,  
 Mass.  
 Trethaway Bros., Parsons, Pa.  
 U. S. Can Co. (Plain & Decorated), Nor-  
 wood, Cincinnati, O.  
 Wheeling Can Co., Wheeling, W. Va.

### Pails (Waste)

*See Cans, Waste*

### Pails (Water)

*See Pails, Fibre; Pails, Galvanized Iron;  
 also Pails & Buckets, Wood*

### 10519—Pails & Buckets (Tin)

Franklinville Canning Co., Franklinville,  
 N. Y.

### 10520—Pails & Buckets (Wood)

American Woodenware Mfg. Co. (White  
 Oak Stable, Derrick & Foundry),  
 Toledo, O.  
 Ashtabula Pail Co. (Basswood), Ashta-  
 bula, O.  
 Beaver Mills, Keene, N. H.  
 Bousfield & Co. (Pails, Tubs, etc), Bay  
 City, Mich.  
 Buckeye Churn Co. ("Eureka," "Climax,"  
 "Buckeye," "Oak Horse"), Sidney, O.  
 California Barrel Co., 22d & Illinois, San  
 Francisco, Cal.  
 Carr Pail & Package Co., Ashby, Mass.  
 Corry Pail Co., Corry, Pa.  
 Davis Fred. W., Keene, N. H.  
 Dickinson's A. Sons, Ashuelot, N. H.  
 English Mfg. Co., Antigo, Wis.  
 Erie Pail Factory, Erie, Pa.  
 Florida Woodenware Co., Palatka, Fla.  
 Fuller G. E. & A. I., Marlboro Depot,  
 N. H.  
 Hall Bros. Co., West Acton, Mass.  
 Keene Woodenware Co. (Wood Pails),  
 Keene, N. H.  
 Lane Chester L., East Swanzey, N. H.  
 Lown & Son ("J. I. C." Cedar), Pough-  
 keepsie, N. Y.

McVoy Tub Pail & Package Co. (Lard,  
 Candy, Pickle, etc., Tubs & Pails),  
 11th av, N E & Water, Minneapolis,  
 Minn.

Marsh W. E., Westport, N. H.  
 Menasha Wooden Ware Co. (Horse, Ship-  
 ping, etc), Menasha, Wis.  
 Murdock E. & Co., Winchendon, Mass.  
 Paepcke-Leicht Lumber Co., 111 W. Wash-  
 ington, Chicago, Ill.  
 Peirce W. E. & Co., Milford, N. H.  
 Pierpont Mfg. Co. (Oyster Pails, Red  
 Cedar & Cypress Water Pails), Savan-  
 nah, Ga.  
 Richmond Cedar Works ("Anchor Brand,"  
 White & Red Cedar for Every Pur-  
 pose), Fulton, Richmond, Va.  
 St. Louis Cooperage Co. ("J. I. C." Cedar),  
 ft. of Arsenal, St. Louis, Mo.  
 Talbot & Clark, Sandown, N. H.  
 Union Cooperage Co., 2d & Penrose, St.  
 Louis, Mo.

### 10521—Pails & Cans (Syrup)

Peoria Can Co., Peoria, Ill.

### 10522— Paint (Anti Stick)

Anti-Stick Co., Westerville, O.

### 10523— Paint Burners

American Stove Co. ("Reliable," "Quick  
 Meal" Gasoline), St. Louis, Mo.  
 Ashton Mfg. Co., Buffalo, N. Y.  
 Best Light Co., Canton, O.  
 Clayton & Lambert Mfg. Co., 205 Piquette  
 av, E Detroit, Mich.  
 Sun Vapor & Gas Street Light Co., Can-  
 ton, O.  
 Turner Brass Works (Gasoline & Kero-  
 sene), Sycamore, Ill.

### 10524—Paint Grinders (Dry Ma- terial)

Wilbur J. Co., Office: Providence, R. I.  
 Factory: Phila., Pa.

### 10525— Paint Mfrs.

*For Special Kinds of Paints, see Sub-Clas-  
 sifications following this trade*

### ALABAMA.

**BIRMINGHAM**—Birmingham Paint &  
 Glass Co.

### CALIFORNIA.

**LOS ANGELES**—American Luminous  
 Products Co. ("Radio"), Watts  
 Bowers U. R. & Sons  
 Brininstool Co.  
 Judah E. H. & Co., 2200 Santa Fe av  
**OAKLAND**—Buswell Paint Co.  
 California Paint Co.  
 Sterling Paint Co.  
**SAN FRANCISCO**—Bass-Hueter Paint Co.,  
 816 Mission  
 Bredell Composition Co., 818 Mission  
 Fuller W. P. & Co., 301 Mission  
 Nason R. N. & Co., 151 Potrero av  
 Pacific Oil & Lead Works, 155 Town-  
 send  
 Paraffine Paint Co.  
 Sterling Paint Co., 118 1st  
 Yates & Co., 762 Folsom  
**WEST BERKELEY**—West Coast Kalso-  
 mine Co. ("Wesco")

### COLORADO.

**DENVER**—James B. L. Mercantile & Mfg.  
 Co.  
 McMurtry Mfg. Co.  
 McPhee & McGinnity Co., 1630 Arap-  
 ahoe  
 Reitze Wall Paper & Paint Co.  
 Western Elaterite Roofing Co.

### CONNECTICUT.

**BRIDGEPORT**—American Lacquer Co.  
 Bridgeport Bronze Marine Paint Co.  
 Clapp Fire Resisting Paint Co.  
 Crockett D. B. Co.  
**HAZARDVILLE**—Hazard Lead Works  
**NEW MILFORD**—Bridgeport Wood Fin-  
 ishing Co.  
**NORWICH**—Hammond Process Co.  
 ("Ferox" Iron Oxide)  
**SOUTH NORWALK**—Nash Engineering  
 Co. ("Xyloform")  
**WATERBURY**—Wright E. E. (Roof)



**DELAWARE.**

WILMINGTON—Bryan Jas. M.  
Cartmell Thos. B. Paint & Glass Co.

**FLORIDA.**

JACKSONVILLE—Dozier & Gay Paint Co.

**GEORGIA.**

ATLANTA—Coolidge F. J. & Sons  
("Southern Home")  
Southern Paint & Varnish Works ("S.  
P. V. W.")  
Tripod Paint Co.  
AUGUSTA—O'Connor-Schweers Paint Co.

**ILLINOIS.**

AURORA—Akron Mining, Milling & Mfg.  
Co.  
CHICAGO—Adams & Elting Co. ("Ad-el-  
ite"), 726 Washington blvd  
Allen Paint & Putty Works, 334 N  
Ashland  
Alston Lucas Paint Co., 1029 Currier  
Antakwa Co., 133 W Washington  
Armstrong Paint & Varnish Works,  
2502 S Paulina  
Bradley & Vrooman Co., 2632 S Dear-  
born  
Braithwaite C. W. Co. (Color Cards for  
Mixed Paint, etc), 300 S Racine av  
Chicago White Lead & Oil Co., 1454 S  
Western av  
Chicago Wood Finishing Co., 1309  
Sloan  
Devoe F. W. & C. T. Reynolds Co.,  
14 W Lake  
Diamond Red Paint Co., 2750 N Lin-  
coln  
Eagle Picher Lead Co. (The), 208 S  
La Salle  
Enterprise Paint Mfg. Co., 854 W Van  
Buren  
Ernecke & Salmstein Co., 1509 N Hal-  
sted  
German-American Paint Co., 717  
Waldo ct  
Hanna Color Mfg. Co., 155 N Clark  
Heath & Milligan Mfg. Co., 1833 Sew-  
ard  
Hockaday Co., 1831 Carroll  
Hooker H. M. Co., 651 W Washington  
Indiana Indestructible Paint Co., 870  
W North av  
Inland White Lead Co., 741 Boston av  
Martin-Senour Co., 2520 Quarry  
Nubian Paint & Varnish Co., 1856 Le-  
clair av  
Ohmlac Mfg. Co. ("Ohmlac"), 140 S  
Dearborn  
Otley Paint Mfg. Co. ("Eureka"), 1742  
N Winchester av  
Rice Jas. H. Co., 451 St. Clair  
Sall Mountain Co., 230 S La Salle  
Schrader Whittick & Co., 1318 Cly-  
bourne av  
Stresen-Reuter & Co., 734 S Wabash  
av  
Thurston F. W. Co., 1832 S Clark  
Vilas Bros., 717 S 5th av  
Wadsworth-Howland Co., 225 N Car-  
penter  
Watson Geo. E. Co., 62 W Lake  
EAST ST. LOUIS—All Roofing Mfg. Co.,  
Converse av  
General Roofing Mfg. Co., 17th &  
Southern Ry.  
Mepharm Geo. S. & Co., 20th & Lynch  
Phelan-Faust Paint Mfg. Co.  
JOLIET—Peeling Geo.  
PEORIA—Globe Mfg. Co.

**INDIANA.**

HAMMOND—Hammond Asphalt Products  
Co.  
HUNTINGTON—Flexible Paint Co.  
INDIANAPOLIS—Advance Paint Co.  
Ajax Paint Co. ("Woodpecker")  
Antox Paint Co.  
Burdal A. Co.  
Indianapolis Paint & Color Co. ("Cap-  
ital City")  
Northwestern Mfg. Co.  
Sargent Paint Co., N. J. & Mass av  
MARION—Standard Paint Co.  
SOUTH BEND—McHenry-Millhouse Mfg.  
Co.  
TERRE HAUTE—Smith-Alsop Paint &  
Varnish Co.  
VALPARAISO—Parker Chas. H. Co.

**IOWA.**

DES MOINES—Elaterite Paint & Mfg. Co.  
("Des Moines Elaterite")  
FORT DODGE—Iowa Paint Mfg. Co.  
Pyrolin Products Co. ("Pyro'in")  
PELLA—Van Nimwegan A. P. & Bro.

**KENTUCKY.**

COVINGTON—Boehmer Albert L.  
LOUISVILLE—Blatz Val Paint & Varnish  
Co.  
Bridges-Smith & Co.  
Kurpees J. F. Paint Co.  
Long C. R., Jr., Co.  
Louisville Lead & Color Co.  
Louisville Paint Mfg. Co.  
Peaslee-Gaulbert Co.  
Sterling Paint & Color Co.  
Strassel Gans Paint Co.

**LOUISIANA.**

NEW ORLEANS—American Paint Works,  
428 Josephine  
Bernhardt David Paint Co. (Ltd.), 321  
Camp  
Reeves Co., 805 Howard av

**MAINE.**

PORTLAND—Burgess Fobes & Co.

**MARYLAND.**

BALTIMORE—Baltimore Copper Paint  
Co., Key Highway & Covington  
Chesapeake Oil Co., Stockholm &  
Peach Alley  
Davis H. B. Co., Keyser bldg  
Hanline Bros., 25 S Howard  
Hirshberg, Hollander & Co., 106 W  
Pratt  
Kaufman E. L. & Co., Liberty &  
Fayette  
Macneal James B. & Co. (Dry Paints  
Only), Warner & Wooster  
Miller & Graham, 21 S Gay  
Murphy Chas. J. & Co., 332 N Calvert  
Popplein G. & N., 220 North  
Rubber Paint Co., c Warner & Wooster  
Seim Henry & Co., Fayette & Howard

**MASSACHUSETTS.**

AMESBURY—Grieves C. S. Paint Co.  
BOSTON—Briggs John & Co., 45 Purchase  
Cabot Samuel, 141 Milk  
Carpenter-Morton Co., 77 Sudbury  
Chadwick-Boston Lead Co.  
Dexter Bros. Co., 105 Broad  
Gilman C. H. ("Drescote"), 103 Mer-  
rimac  
Gould & Cutler, 45 Sudbury  
Hoffman Paint & Varnish Co., Waters  
av  
National Insulator Co. ("Nico"), 39  
Sudbury  
New England Oil, Paint & Varnish Co.,  
Waters av  
Prince James H. Paint Co., 5 Lancaster  
Underhay Oil Co., 73 Batterymarch  
Wadsworth, Howland & Co. ("Bay  
State"), 141 Federal  
Wheeler Asahel Co., 53 High  
GLOUCESTER—Henderson & Johnson  
Tarr Jas. H. Co. (Copper & Iron  
Marine)  
Tarr & Wonsen (Marine)  
NEW BEDFORD—Brightman Bros.  
Kirby Geo., Jr., Paint Co.  
NORFOLK DOWNS—Means & Thatcher  
SALEM—Philbrick L. B.  
SPRINGFIELD—Hampden Paint & Chem-  
ical Co. ("Hampden," Green, etc)  
WATERTOWN—Waterproof Paint Co.  
WELLESLEY—Wood's Henry Sons Co.  
WORCESTER—Algonquin Slate Products  
Co.

**MICHIGAN.**

BELDING—Knapp E. J. & Co.  
DETROIT—Acme White Lead & Color  
Works  
Boydell White Lead & Color Co.  
Detroit Graphite Co.  
Detroit Refining Co., Majestic bldg  
Detroit White Lead Works  
Ditzler Color Co., 20 Baltimore av W  
Frazer Paint Co., Hubbard & M. C.  
R. R.  
Peninsular Paint & Varnish Co.

Rinshed-Gagnier Paint Co., 56-60 Con-  
gress E  
Trus-con Laboratories  
FLINT—Flint Varnish & Color Works  
HILLSDALE—O'Meara Bros.  
HUDSON—Neptune Paint Co.  
KALAMAZOO—Lakey A. L. Co. (Mixed)  
SAGINAW—Asphalt Roofing Co.  
United States Graphite Co.

**MINNESOTA.**

MINNEAPOLIS—Maire Paint Co. (Maires  
Indestructible Roof Preserver), 329  
Boston blk  
Minn. Linseed Oil Paint Co.  
ST. PAUL—Blood T. L. & Co., 418  
Wacouta  
Farwell, Ozmun, Kirk & Co., (Barn,  
House, etc.)  
Northern Paint Co.  
St. Paul White Lead & Oil Co. ("Lion"  
Brand), Water & Starkey  
WINONA—Forster Paint & Mfg. Co.

**MISSOURI.**

CAPE GIRADEAU—Matteson Paint Co.  
KANSAS CITY—Skinner Douglas Paint  
Co., 610 B'way  
McDonald Paint & Glass Co.  
Sewall Paint & Glass Co.  
ST. LOUIS—Becker-Moore Paint Co., 1219  
Olive  
DIXON JOSEPH CRUCIBLE CO. (of  
Jersey City, N. J.), Victoria bldg  
*See adv index at end of book*  
Eberson Lindsley Paint Co. (House &  
Barn), 1832 Morgan  
Kent & Purdy Paint Co. (House &  
Barn) 11th & Mullanphy  
Mechanics Paint Co., 707 S 4th  
Mound City Paint & Color Co., 11th  
& Mullanphy  
Phelan-Faust Paint Mfg. Co. (House  
& Barn), 1008 Pine  
Platt & Thornburgh Paint Co., 7th &  
Franklin  
St. Louis Surfacers & Paint Co.  
("Metal-steel"), Arlington & Ter-  
minal & Belt Line  
Simmons Hardware Co., 9th & Spruce  
Vane-Calvert Paint Co., 1601 N B'way

**NEBRASKA.**

LINCOLN—Lincoln Paint & Color Co.  
Nebraska Paint & Lead Co.

**NEW JERSEY.**

BRIDGETON—Shaw John P. & Co.  
CAMDEN—Waterall Wm. & Co.  
GIBBSBORO—Lucas John & Co.  
HOBOKEN—Marx Jno.  
Pfugh Albert & Co.  
JERSEY CITY—Amalgamated Paint Co.,  
371 Wayne  
Aspinwall Geo. H. (Inc.), 134 Hall-  
day  
DIXON JOSEPH CRUCIBLE CO.  
("Dixon's" Silica-Graphite)  
*See adv index at end of book*  
N. J. Paint Works, Wayne (Louder-  
bough, Hy., Prop.)  
Stowell Mfg. Co., 240 Culver av  
Woolsey C. A. Paint & Color Co., 500  
Grand  
NEWARK—Beckton Chemical Co., 278  
Passaic  
Cawley, Clarke & Co., 278 Passaic  
Herrmann Morris & Co., 878 Mt. Pros-  
pect av  
Hetzel J. G. (Est. of), 67 Main  
Patton Paint Co., ft Chester av  
Sherwin-Williams Co., Brown  
NEW BRUNSWICK—Watson J. D. & Co.  
PATERSON—Norwood & Berdau  
STEWARTSVILLE—North Jersey Paint  
Co.

**NEW YORK.**

ADAMS—Rice A. L.  
AUBURN—Messenger F. H. Co.  
BUFFALO—Buffalo Oil, Paint & Varnish  
Co.  
Century Mfg. Co., 272 W Genessee  
International Products Co., White bldg  
Mets P. A. Paint Co., 769 Clinton  
CLINTON—Clinton Metallic Paint Co.  
ELLENVILLE—Ulster Paint Works  
FISHKILL ON THE HUDSON—Hammond  
Benjamin  
ITHACA—Driscoll Bros. & Co. (Distrib-  
utors "Tower")  
JAMESTOWN—Jamestown Wood Finish-  
ing Co.



# PERMANITE

**BEST GENUINE WATER PAINT for whitening, coloring and fireproofing ceilings, walls, pillars, beams, etc., of rough industrial buildings. Snow white and various colors. Meant particularly for brick, concrete and wood surfaces. Can be applied by brush or spraying machine. Almost as cheap as whitewash and as durable as oil paint.**

# MURALITE

**BEST CALCIMINE OR WALLFINISH for whitening, tinting and decorating ceilings and walls of homes, offices, stores, schools, etc. Snow white and various colors. Meant particularly for plastered, wallboarded and painted surfaces. Inexpensive, artistic, durable and sanitary.**

**BOTH OF ABOVE MATERIALS CAN BE USED BY ANYONE.**

241 E. 136th St.  
NEW YORK

**M. EWING FOX CO.**

1501 S. Peoria St.  
CHICAGO

## NEW YORK CITY.

### Borough of Brooklyn.

**BROOKLYN**—Averill Paint Co., 240 Plymouth  
Brown Chas. H. Paint Co., 190 Montague  
Chessman & Elliot, National Paint Works), 639 Kent av (See New York)  
Colonial Works, 233 Norman av  
Debevoise Company, 968 Grand av  
Devoe F. W. & C. T. Reynolds Co., 565 Smith  
Eureka Chemical Co., 970 Grand av  
Holzapfel's American Composition Co., 175 Beard  
Ingersoll O. W., 243 Plymouth  
King Wm. H., 124 Greene  
Krug Paint Mfg. Co. (Mixed), 449 Kent av  
Kuhis H. B. Fred, 6413 3d av  
Leavitt Louis, 454 Driggs av  
Longman & Martinez, 231 N 9th  
McCafferty Jas. A. & Sons Mfg. Co., 505 Driggs av  
McNaughton Wm. D., 185 Oakland  
McQuade John & Co. (Stevens' Brick Reds, etc), 134 Clasn. av  
Masury John W. & Son, 50 Jay  
Montauk Paint Mfg. Co., 170 2nd av  
Moore Benjamin & Co., 231 Front  
Pierce F. O. Co., 30 Tiffany pl  
Rosenson David, 407 Watkins  
Smith J. Lee & Co., 700 Hicks

### Boroughs of Manhattan and Bronx.

**NEW YORK**—American Asphalt Paint Co., 501 5th av  
American Bitumastic Enamels Co., 17 Battery pl  
Apex Color Works, 50 W Broadway  
Bredell's Composition Co., 521 Washington  
Cheesman & Elliot (National Paint Works), 100 William  
Childs Chas. M. & Co. (Inc.), 44 Whitehall, Sales Office & Factory, 43 Summit, Brooklyn, N. Y.  
Devoe & Reynolds Co., Inc., 101 Fulton  
Dunham Thomas C., 68 Murray  
Eakins J. S. & M. R., 12 Wallabout  
Feigel M. & Bro., 185 Wooster  
**FOX M. EWING CO.** (Water-Colors & Calcimines), 241 E 136th  
*See adv index at end of book*  
Grote George W. & Co., 430 E 102d  
Hemmerding L. & Co., 438 E 123d  
Hildreth Varnish Co., 90 West  
Holzapfel's Am. Composition Co., 18 B'way  
Horn A. C. Co., 11 E 59th

Ilsey, Doubleday & Co., 229 Front  
Knickerbocker Paint Co., 185 Madison av  
Leggett & Bro., 301 Pearl  
Limbacher Paint & Color Works, 162 E 35th  
Longman & Martinez, 54 Maiden la  
Manhattan Color Works ("Tem-Po-Va"), 793 11th av  
Miller Clifford L. & Co. ("Minwax"), 110 E 23d  
Moser Charles Co., 126 Liberty  
Mott Haven Color Works, 395 Mott av  
Nansen Composition & Paint Co., 44 Whitehall  
National Lead Co., 111 B'way  
Pierce F. O. Co., 12 W B'way  
Prince Mfg. Co. (Double Label Mineral Brown), 165 Broadway  
Rahtjen's Am. Composition Co., 1 B'way  
Reliance Paint Co., 25 Beaver  
Schoellkopf Aniline & Chemical Works, 100 William  
Smith J. Lee & Co., 19 Jacob  
Sonneborn L. Sons, 262 Pearl  
Standard Paint Co., 233 B'way  
Teredo-Proof Paint Co. ("Kennon's" Teredo), Produce Exchange  
Toch Bros., 320 5th av  
Universal Compound Co., 428 W 25th  
Whitehead Paint Co., 1 Madison av  
Wix Charles & Co., 45 Vesey  
Zibell Damp Resisting Paint Co., 273 Water

### Borough of Richmond.

**NEW BRIGHTON**—Murale Company, Rich. Fer.

### Borough of Queens.

**COLLEGE POINT**—Chilton Paint Co.  
**LONG ISLAND CITY**—Imperial Paint Co. ("Impaco"), 80 10th  
Smith Edw. & Co., 127 West av  
Willey Charles A. Co., Hancock

### (End of New York City)

**NIAGARA FALLS**—Acheson Graphite Co. (Graphite)  
**OGDENSBURG**—Rossie Iron Ore Paint Co. (Metallic)  
**PHELPS**—Hicks A. P.  
**ROCHESTER**—Clark Paint, Oil & Glass Co.  
**ROME**—Jones Paint Co. ("Roofcoat" & "Elastic Enamel")  
**SYRACUSE**—Semet-Solvay Co.  
**TONAWANDA**—National Roofing Co.  
**TROY**—Connors Wm. Paint Mfg. Co.  
**WAVERLY**—Thomas A. H. Paint Co.

## NORTH CAROLINA.

**HIGH POINT**—Alexander H.  
**WILMINGTON**—Spiratine Chemical Co.

## OHIO.

**AKRON**—Reliance Paint Co.  
**CANTON**—Arlington Mfg. Co.  
Cawn Mining & Mfg. Co.  
Goheen Mfg. Co. (Carbonizing Coating)  
**CINCINNATI**—Allen Anti-Rust Mfg. Co. (Roofing Steel Stack, Tanks, etc), Glenn bldg  
Black Diamond Mfg. Co. ("Vol-Ka-No," Black Breweries, Ice Can, etc), 1219 Bank  
Bolce Louis H. & Co., 2435 Gilbert av  
Carey Philip Mfg. Co., 330 Wayne av, Lockland  
**EDWARDS MFG. CO.**, 545-565 Eggleston av  
*See adv index at end of book*  
Foy Paint Co., 230 E 5th  
Johnston R. F. Paint Co., Pearl & Main  
Kolbe John Co., 229 W 5th  
Long Edwin & Co., 845 Clinton  
Mamolith Carbon Paint Co., 2d & Main  
Meyer E. H. & Co., 35 E Court  
Moser Chas. Co.  
Richmond Bros., 117 E 6th  
Washburn Ira D. Co., 906 Central av  
Wolf Leon L. Paint Co., 304 Lincoln Inn et.

**CLEVELAND**—Arco Co., Euclid & E 65th  
Atlantic Paint Co.  
Atlantic Refining Co. ("Arco")  
Billings-Chapin Co.  
Canfield Oil Co.  
Eclipse Paint & Mfg. Co., Citizens' bldg  
Federal Process Co.  
Forest City Paint & Varnish Co.  
Fuller Ralph L. & Co., Guardian bldg  
Gibson-Homans Co., 2346 Woodhill rd, S E  
Glidden Varnish Co., 1755 W Madison  
Great Lakes Refining Co. ("Jet Black," elastic Roof & Metal)  
Hascall Paint Co., W 70th  
Lino Paint Co. ("Lino" Metal), 16908 Waterloo rd  
McNairy A. B. & Co., 1163 E 40th  
Manhattan Paint Co., 1348 W 70th  
Monarch Paint Co., W 70th  
National Paint & Varnish Co., 8709 Kinsman rd  
Patterson-Sargent Co. ("B. P. S.")  
Republic Paint & Lead Works, E 131 & Taft av  
Robertson Paint & Varnish Co., 9808 Meech av  
Sherwin-Williams Co.  
Tropical Paint & Oil Co., W 70th  
Ullman Philpott Co., 4805 Lexington  
U. S. Refining Co.  
Vaughan Paint Co., Columbus & Big 4  
**COLUMBUS**—Ashbaugh Co.  
Dean & Barry Co., Locust & Ludlow  
Hanna Paint Mfg. Co. ("Green Seal" House Paint)  
Ohio Filler & Shield Co., 522 City av  
Shepard Paint Co., 19 E Long  
Wrinkle Paint Mfg. Co.

**DAYTON**—Irvin, Jewell & Vinson Co.  
Kay & Ess Co.  
Lowe Bros. Co.

**FINDLAY**—Ohio Paint & Stain Co.  
**HAMILTON**—Reeder John S. (Cold Japan)  
**LOCKLAND**—Carey Philip Mfg. Co., 330 Wayne av  
**MARIETTA**—Marietta Paint & Color Co.  
**NILES**—Garry Iron & Steel Co. (Metallic)  
**NOTTINGHAM**—Lino Paint Co.  
**PLAINVILLE**—Ferris O. J.  
**TOLEDO**—Buckeye Paint & Varnish Co.  
Dolphin White Lead & Color Works  
Hardy Paint & Varnish Co.  
**WARREN**—Warren Paint Co.

## OREGON.

**PORTLAND**—Fisher, Thorsen & Co., Front & Morrison

## PENNSYLVANIA.

**ALLENTOWN**—Allentown Mfg. Co.  
**BETHLEHEM**—Bethlehem Paint Co.  
Erwin Henry & Sons (Metallic)  
**EASTON**—WILLIAMS C. K. & Co. (Dry)  
**ERIE**—Adam Bros. Co.  
**FRANKLIN**—Reisenman Mfg. Co. (Ltd.)  
**JAMESTOWN**—Jamestown Paint & Varnish Co.



JOHNSTOWN—Cambria Paint & Color Co.  
LANCASTER—Lancaster Paint & Glass Co.

Schroeder Paint Co.  
McKEESPORT—Painter Joel T. Co.  
MUNCY—Keystone Paint & Filler Co. ("Optimus")

PHILADELPHIA—Bean Lewis U. Co., 922 Cherry

**BINSWANGER B. & CO.**, 827 N 3d  
Day Light Co., 24 S 7th  
Felton, Sibley & Co., 136 N 4th  
Flexible Compound Co., 3607 Haverford

French Samuel H. & Co., 4th & Cal-lowhill

Germantown Varnish Color & Paint Co., 5434 Germantown av

Graves N. Z. Corp., 22 S 3d  
Grogan, H. F. & Co., 2113 E Sergeant

Harrisons Inc. ("Town & Country" Ready Mixed), 35th & Gray's Ferry rd

Howell C. H. & Co., 212 Race  
Kahn Leopold & Co.

Keystone Albumen & Paint Co., 1346 N Marston

Lucas John & Co., 322 Race  
**NICE EUGENE E.**, 272 S 2d

*See adv index at end of book*  
Pecora Paint Co. ("Pecora"), 4th & P. & R. R. R.

Phoenix Paint & Varnish Co., 124 Market

Protectus Paint Company, North American bldg

Pyramid Paint Co., 133 N 22d  
Rambo Theo. G., 981 N 2d

Rinald Bros., 1142 N Hancock  
Sauter F. W. & Co., 909 N 9th

Schrack C. & Co., 152 N 4th  
Shoemaker Robert & Co., 4th & Race

**THOMSON WOOD FINISHING CO.**, 827 N 3d

*See adv index at end of book*  
Wetherill G. D. & Co., 114 N Front

Wetherill & Bro., 126 S 30th  
Wilbur Job Co., ft. E Tioga

Wiswall Paint Co., 2413 E Huntingdon  
Yarnall Paint Co., 1026 Race

PITTSBURGH—American Cold Japan Co. (Bridges, Roofs, Stacks, etc)

Eagle Paint & Varnish Co., N S  
Fort Pitt Oil & Paint Co., 3209 Liberty

Hommel O. Co., Hope & Maple  
Hydro Damp-Proofing & Engng. Co.

Iron City Oil & Varnish Co., Frankstown & Inwood

Lawrence W. W. & Co. ("Lawrence," The Best Paint)

Nevin T. H. Co., Island & Preble  
Pittsburgh Paint Supply Co., 617 Liberty

Sipe Jas. B. & Co., Bessemer bldg,  
Sterling Varnish Co. (Varnish), Fulton bldg

Suydam M. B. Co., 61st & Butler  
Thompson & Co., 1111 Galveston av

Union Paint Co., South av, & B. & O. R. R.

Walters Mfg. Co., Fulton bldg

PULASKI—Reno Bros. Paint Co.

READING—Morgan Paint Co.  
Wilhelm A. Co.

SHAMOKIN—Zimmerman W. S.

SHARPSBURG—Atlas Paint Co.

SHIPPINSBURG—McPherson J. W. & Sons

SOUTH BEHLEHEM—Bethlehem Steel Co.

TULLYTOWN—Tully Paint & Varnish Co.

WILKES-BARRE—Wilkes-Barre Paint Co.

WILLIAMSPORT—Cheesman & Elliott (National Paint Works)

Erling Wm. J.

WYOMING—Wyoming Painting & Paint Mfg. Co.

#### RHODE ISLAND.

PROVIDENCE—Chaffee Thos. K. Co., 115 Wickendon

Johnson Oliver & Co., 24 Custom House

U. S. Gutta Percha Paint Co., 12-30 Dudley

Wilbur J. Co.

#### SOUTH CAROLINA.

CHARLESTON—Moore-Leland Paint & Oil Co.

#### TENNESSEE.

CHATTANOOGA—Chattanooga Paint Co.

Lookout Paint Mfg. Co.

MEMPHIS—Bartholomew Roofing Co.

De Soto Paint Mfg. Co.

True-Tagg Paint Co.

NASHVILLE—Atlas Paint Co.

Warren Paint & Color Co.

#### TEXAS.

DALLAS—Lincoln Paint & Color Co.

GALVESTON—Baulard V. L. & Co.

HOUSTON—Sherwin-Williams Co.

Texas Varnish & Specialty Works

#### UTAH.

SALT LAKE CITY—Carbon Preservative Paint Co. ("C. P. P." Hydro-Carbon)

#### VERMONT.

SAXTON'S RIVER—Edson, Starks (Mineral)

#### VIRGINIA.

LYNCHBURG—National Paint & Manganese Co.

NEWPORT NEWS—Duristo Paint Co. ("Duristo")

NORFOLK—Jenkins Paint & Oil Co. ("Balsol" Semi Liquid)

RICHMOND Alcatraz Co., Inc. (Roofing), 3200 Williamsburg av

Tanner W. S. Paint Co., 1303 E Main

#### WASHINGTON.

SPOKANE—Jones & Dillingham

Spokane Paint & Oil Co.

TACOMA—Mashell Paint Co.

Pacific Glass & Paint Co.

#### WEST VIRGINIA.

HUNTINGTON—Ashland Paint Co.

Standard Ultramarine Co.

WHEELING—Wilson W. A. & Sons (Jobbers), 1409 Main

#### WISCONSIN.

IRON RIDGE—Winter's Metallic Paint Co.

MILWAUKEE—O'Neil Oil & Paint Co., 297 E Water

Patton Paint Co.

Retardo Fire Proof Paint Co., 416 E North av

Ricketson Mineral Paint Works (Iron Ore), South Bay

Zummach Wm. F., 283 W Water

OSHKOSH—Parker Ira & Sons Co.

STEVENS POINT—Wisconsin Graphite Co.

#### 10526—Paint Mfrs.' Color Cards

Adams & Elting Co., 726 Wash. blvd, Chicago, Ill.

Bradt Paint Specialty Co., Troy, N. Y.

Braithwaite C. W. Co., 300 S Racine av, Chicago, Ill.

Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*

Kinsey & Johnson, 230 Pearl, Cincinnati O.

La Clède Mfg. Co., Buffalo, N. Y.

Morrison Chas. C. Co. (For Mixed Paint, etc), 15 S Clinton, Chicago, Ill.

Stocker J. W., 2541 Schubert av

White W. J. & Co., Detroit, Mich.

#### 10526a—\*Paint Sprayers

For Oil Paints and Varnishes, using compressed air for atomizing. We also build Whitewash Sprayers

MACLEOD CO., 2227 Bogen St., Cincinnati, O.

#### 10527—Paint & Varnish Remover

Acme White Lead & Color Works ("Acme"), Detroit, Mich.

Adams & Elting Co. ("Ad-el-ite"), 724 Washington blvd, Chicago, Ill.

Albany Chemical Co. ("Albany" Paint & Varnish Remover), Albany, N. Y.

Arnstein Eugene ("Blitz"), 45 W 26th, Chicago, Ill.

Atlantic Drier & Varnish Co. ("Takitor"), Meadow & Wolf, Phila., Pa.

Ball Chemical Co. ("Ball's"), Fulton bldg, Pittsburgh, Pa.

Berry Bros. ("Apex"), Detroit, Mich.

Bird J. A. & W. & Co. ("Mistic"), 88 Pearl, Boston, Mass.

Bird-Archer Co. ("Empire"), 90 West, New York

Boston Varnish Co. ("Boston"), Everett Station, Boston, Mass.

Boyle A. S. Co. ("Var-ni-go"), 1934 Dana Evan, Cincinnati, O.

Bradley & Vrooman Co. ("Crown"), 2632 S Dearborn, Chicago, Ill.

Bridgeport Wood Finishing Co. ("Bridgeport Standard"), New Milford, Conn.

Brooklyn Varnish Mfg. Co. ("Peerless"), 35 Nostrand av, Brooklyn, N. Y.

Burbank & Ryder ("Bunker Hill"), Boston, Mass.

Calman Emil & Co. ("Zymolite"), 100 William, New York

Campbell Glass & Paint Co. ("Cleanoff"), Main & Gratiot, St. Louis, Mo.

Century Mfg. Co., 272 W. Genessee, Buffalo, N. Y.

Chadeloid Chemical Co., 100 William, New York

Chalmers Chemical Co. ("Phenoid"), 115 Chestnut, Newark, N. J.

Chicago White Lead & Oil Co. ("Magic"), 1454 S Western av, Chicago, Ill.

Crockett D. B. Co. ("E. Z."), Bridgeport, Conn.

De Ronde Frank S. ("De Ronde"), 24 Stone, New York

Detroit White Lead Works ("Ab-lu-ent"), Detroit, Mich.

Eberson Lindsley Paint Co. ("V. & P. Solvent"), 1832 Morgan, St. Louis, Mo.

Enterprise Paint Mfg. Co. ("Noal"), 854 W Van Buren, Chicago, Ill.

Flint Varnish & Color Works ("Re-mo-vit"), Flint, Mich.

Forest City Paint & Varnish Co. ("Forest City"), Cleveland, O.

Fuller W. P. & Co. ("Conqueror"), 301 Mission, San Francisco, Cal.

Gillespie Chas. H. & Sons ("Monarch Bull Dog"), Dey, Jersey City, N. J.

Glidden Varnish Co. ("Glidden's"), 1755 W. Madison, Cleveland, O.

Gould & Cutler ("Eclipse"), 45 Sudbury, Boston, Mass.

Harrisons, Inc. ("Harrisons"), 35th & Gray's Ferry rd, Phila., Pa.

Heath & Milligan Mfg. Co. ("Wizard"), 1833 Seward, Chicago, Ill.

Indianapolis Paint & Color Co. ("Rapid"), Indianapolis, Ind.

Johnson S. C. & Son ("Johnson's Electric Solvo"), Racine, Wis.

Keystone Varnish Co. ("23-Skiddo"), 71 Otsego, Brooklyn, N. Y.

Lawrence W. W. & Co. ("Klean-itt"), N Carson, Pittsburgh, Pa.

Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.

Lucas John & Co. ("Mirac"), 322 Race, Phila., Pa.

McPhee & McGinnity Co. ("Magic Solvent"), 1630 Arapahoe, Denver, Colo.

Messenger F. H. Co., Auburn, N. Y.

Moller & Schumann Co. ("Hilo"), Marcy av, Brooklyn, N. Y.

**NICE EUGENE E.**, 272 S 2d, Phila., Pa.

*See adv index at end of book*

Palmer-Price Co. ("Eureka"), 270 Chestnut, Newark, N. J.

Parrott Varnish Co. ("Parrott"), Bridgeport, Conn.

Patterson-Sargent Co. ("B. P. S."), Cleveland, O.

Patton Paint Co. ("Patton's"), Milwaukee, Wis.

Peninsular Paint & Varnish Co. ("Peninsular"), Detroit, Mich.

Perry-Austen Mfg. Co. ("Instint"), Grassmere, S. I., N. Y.

Pratt & Lambert ("Expedite"), Buffalo, N. Y.

Prince Jas. H. Paint Co. ("Zip"), 5 Lancaster, Boston, Mass.

Sherwin-Williams Co. ("Taxite"), Cleveland, O.

Standard Varnish Works ("Klensa"), 2589 Richmond ter, Elm Park, N. Y.

Thurston F. W. Co. ("Kut-Kote"), 1832 S Clark, Chicago, Ill.

Twin City Varnish Co. ("Kum-Off"), 521 Cleveland av, St. Paul, Minn.

Wadsworth-Howland Co. ("Jewel"), 225 N Carpenter, Chicago, Ill.

Wadsworth-Howland & Co. (Inc.), ("Magic"), 141 Federal, Boston, Mass.

Watson Geo. E. Co. ("Faultless"), 62 W Lake, Chicago, Ill.

Wilhelm A. Co. ("Wilhelm"), Reading, Pa.



### Painting Sprays (Compressed Air)

See Pneumatic Painting Machines; also Paint & Whitewash Spraying Machines

### 10528—Paints (Acid Proof)

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.  
American Bitumastic Enamels Co., 17 Battery pl, New York  
American Chemical & Mfg. Co. ("Hippo"), Norfolk, Va.  
Antakwa Co., 133 W Washington, Chicago, Ill.  
Arlington Mfg. Co., Canton, O.  
Barrett Co., 17 Battery pl, New York  
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
Bradford Jas. Co., 8 E 3d, Wilmington, Del.  
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.  
Canfield Oil Co., Cleveland, O.  
Carbon Preservative Paint Co. ("C. P. P." Hydro-Carbon), Salt Lake City, Utah  
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
Doggett Stanley, 11 Cliff, New York  
Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.  
Federal Process Co., Cleveland, O.  
Forest City Paint & Varnish Co., Cleveland, Ohio  
Glidden Varnish Co., 1755 W Madison, Cleveland, O.  
Jones Paint Co., Rome, N. Y.  
Maire Paint Co., 329 Boston blk, Minneapolis, Minn.  
Minwax Co., 18 E 41st ("Minwax"), New York  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.  
Patterson-Sargent Co., Cleveland, O.  
Riesenman Mfg. Co., Ltd., Franklin, Pa.  
Rinald Bros., 1142 N Hancock, Phila., Pa.  
Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.  
Sherwin-Williams Co. ("Ajax" Finishers), Cleveland, O.  
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
Skinner Douglas Paint Co., Kansas City, Mo.  
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.  
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.  
Zibell Damp Resisting Paint Co., 273 Water, New York

### 10529—Paints (Aluminum & Gold)

Adams & Elting Co. (Aluminum), 726 Washington blvd, Chicago, Ill.  
Arlington Mfg. Co., Canton, O.  
Arnstein Eugene, 45 W 26th, Chicago, Ill.  
Baer Bros., 438 W 37th, New York  
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
Berry Bros. ("Aluminum"), Detroit, Mich.  
**BINSWANGER B. & CO.**, 827 N 3rd, Phila., Pa.  
Bronze Powder Works Co., Elizabeth, N. J.  
Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.  
Chicago Gold Enamel Co. (Washable Gold), Monadnock blk, Chicago, Ill.  
Chicago Varnish Co. (Aluminum Only), 2100 Elston av, Chicago, Ill.  
Connors Wm. Paint Mfg. Co. ("American" Seal-Aluminum), Troy, N. Y.  
Detroit White Lead Works, Detroit, Mich.  
Devoe & Reynolds Co., Inc. ("Alustrium," "Dragon," "Brilliantine," Enamel Gold), 101 Fulton, New York  
Drakenfeld B. F. & Co., 50 Murray, New York  
**DU PONT CHEMICAL WORKS** ("Carpo" Paint, Pegamoid Aluminum & Tar), 120 B'way, New York  
Forest City Paint & Varnish Co., Cleveland, O.  
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.  
Gerstendorfer Bros. ("Sapolin"), 221 F 42d, New York  
Glidden Varnish Co. ("Jap-a-lac"), 1755 W Madison, Cleveland, O.

Harrisons Inc. (Aluminum), 35th & Gray's Ferry rd, Phila., Pa.  
Heath & Milligan Mfg. Co. ("Luna" Aluminum), 1833 Seward, Chicago, Ill.  
Hemmerdinger L. & Co., 438 E 123d, New York  
Hommel O. Co., Hope & Maple, Pittsburgh, Pa.  
Kay & Ess Co., Dayton, O.  
Lawrence W. W. & Co. ("Lawrence," "Fort Pitt," "Royal"), W Carson, Pittsburgh, Pa.  
Lincoln Paint & Color Co., Lincoln, Neb.  
Martin-Senour Co. (Aluminum "Monarch"), 2520 Quarry, Chicago, Ill.  
Montauk Paint Mfg. Co. ("Montauk," Aluminum & Silver & Gold), 2d av & 13th, Brooklyn, N. Y.  
Moser Chas. Co., Cincinnati, O.  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
National Paint Syndicate, 33 E 12th, New York  
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.  
Patton Paint Co. (Alum.), Milwaukee, Wis.  
Rath Mfg. Co. ("Swiss Silverite" Aluminum & "Swiss Goldbrite," Gold), Headley E of Richmond, Phila., Pa.  
St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.  
Sherwin-Williams Co., Cleveland, O.  
Tucker Mfg. Co., 17 E 137th, New York  
Wadsworth, Howland & Co., 141 Federal, Boston, Mass.

### 10530—Paints (Asbestos)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
Acme White Lead & Color Works, Detroit, Mich.  
American Roofing Co., Kansas City, Mo.  
Barrett Co., 17 Battery pl, New York  
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
Bradford Jas. Co., 8 E 3d, Wilmington, Del.  
Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.  
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
Patton Paint Co. ("Sun Proof"), Milwaukee, Wis.  
Sall Mountain Co., 230 S La Salle, Chicago, Ill.  
Watson H. F. Co., Erie, Pa.

### 10531—Paints (Asphalt)

All Roofing Mfg. Co. ("Amco"), 1843 Converse av, E St. Louis, Ill.  
American Asphalt Paint Co., 501 5th av, New York  
Armstrong Paint & Varnish Works ("Diamond Oil Black"), 2502 Paulina, Chicago, Ill.  
Atlantic Paint Co., Cleveland, O.  
Atlas Co., Lincoln, N. J.  
Barber Asphalt Paving Co. ("Titekote"), Land Title bldg, Phila., Pa.  
Barrett Co., 17 Battery pl, New York  
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
Bradford Jas. Co., 8 E 3d, Wilmington, Del.  
Canfield Oil Co., Cleveland, O.  
Densmore-Stabler Refining Co., Los Angeles, Cal.  
Devoe & Reynolds Co., Inc., 101 Fulton, New York  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
Forest City Paint & Varnish Co., Cleveland, O.  
Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.  
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.  
Hammond Asphalt Products Co., Hammond, Ind.  
Kay & Ess Co., Dayton, O.  
McHenry-Millhouse Mfg. Co., South Bend, Ind.  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.

National Roofing Co., Tonawanda, N. Y.  
Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.  
Skinner Douglas Paint Co., Kansas City, Mo.  
Stickney J. W. & Co., Boston, Mass.  
Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.  
Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.  
Texas Company, 17 Battery pl, New York  
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.  
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.  
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

### 10532—Paints (Asphaltum)

**ALCATRAZ CO., INC.** ("Blackat"), 3200 Williamsburg av, Richmond, Va.  
All Roofing Mfg. Co. ("Amco"), 1843 Converse av, East St. Louis, Ill.  
American Asphalt Paint Co., 501 5th av, New York  
American Bitumastic Enamels Co., 17 Battery pl, New York  
Arlington Mfg. Co., Canton, O.  
Armstrong Paint & Varnish Works, 2502 S Paulina, Chicago, Ill.  
Bayway Chemical Co. (Coal Tar), Elizabeth, N. J.  
Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
Canfield Oil Co., Cleveland, O.  
Climax Refining Co., Cleveland, O.  
Cortland Specialty Co. ("Banner" Black), 174 Railroad, Cortland, N. Y.  
Detroit White Lead Works, Detroit, Mich.  
Devoe & Reynolds Co., Inc., 101 Fulton, New York  
Doggett Stanley, 11 Cliff, New York  
**Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.**  
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.  
Jamestown Paint & Varnish Co., Jamestown, Pa.  
Kay & Ess Co., Dayton, O.  
McHenry-Millhouse Mfg. Co., South Bend, Ind.  
Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.  
Mitchell-Rand Mfg. Co., 99 John, New York  
Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
**NICE EUGENE CO.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.  
Otley Paint Mfg. Co. ("Eureka"), 1742 N Winchester av, Chicago, Ill.  
Patterson-Sargent Co., Cleveland, O.  
St. Louis Surfacers & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.  
Sipe Jos. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
Thompson & Co., 1111 Galveston av, Pittsburgh, Pa.  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.  
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.  
Wilhelm A. Co., Reading, Pa.

### 10533-4—Paints (Barrel)

Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
Canfield Oil Co., Cleveland, O.  
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
Devoe F. W. & C. T. Reynolds Co., 101 Fulton, New York  
Forest City Paint & Varnish Co., Cleveland, O.  
French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.  
Heller & Merz Co., 503 Hudson, New York  
Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.  
Lucas Jno. & Co., 322 Race, Phila., Pa.  
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.  
Moser Chas. Co., Cincinnati, O.  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.



**Patterson-Sargent Co., Cleveland, O.**  
**Pyramid Paint Co., 133 N 22d, Phila., Pa.**  
**Riesenman Mfg. Co. (Ltd.), Franklin, Pa.**  
**St. Paul White Lead & Oil Co. ("Lion"),**  
**Water & Starkey, St. Paul, Minn.**  
**Slpe Jos. B. & Co., Bessemer bldg, Pitts-**  
**burgh, Pa.**  
**Standard Ultramarine Co., Huntington,**  
**W. Va.**  
**Wadsworth, Howland & Co. ("Bay**  
**State"), 141 Federal, Boston, Mass.**  
**Warren Paint Co., Warren, O.**

### Paints (Bath-Tub)

See Enamels, Bath Tub

### 10535—\*Paints (Blackboard)

**Hammett J. L. Co., Kendall sq. Cam-**  
**bridge, Mass.**  
**Nice Eugene E., 272 S 2d, Phila., Pa.**  
*See adv index at end of book*

### 10536—Paints (Brick & Concrete)

**Adams & Elting Co. ("Ad-el-ite"), 726**  
**Washington blvd, Chicago, Ill.**  
**Allentown Mfg. Co., Allentown, Pa.**  
**American Bitumastic Enamels Co., 17 Bat-**  
**tery pl, New York**  
**Antakwa Co., 133 W Washington, Chi-**  
**cago, Ill.**

**Antox Paint Co., Indianapolis, Ind.**  
**Arlington Mfg. Co., Canton, O.**  
**Becker-Moore Paint Co., 1219 Olive St.,**  
**Louis, Mo.**  
**Billings-Chapin Co., Cleveland, O.**  
**Canfield Oil Co., Cleveland, O.**  
**Chesapeake Oil Co., Stockholm & Peach**  
**Alley, Baltimore, Md.**  
**Chilton Paint Co., College Point, L. I.,**  
**N. Y.**

### CONCRETE WATERPROOF PAINT CO.

**("Kling Koat"), 827 N 3d, Phila., Pa.**  
**Coolidge F. J. & Sons, Atlanta, Ga.**  
**Denny Hilborn & Rosenbach ("D. H. R."),**  
**230 N 12th, Phila., Pa.**  
**Devoe & Reynolds Co., Inc. ("Derayco"),**  
**101 Fulton, New York**  
**Dorl F. & Co., 13 Park Row, New York**  
**Durabla Mfg. Co. ("Comos"), 114 Lib-**  
**erty, New York**  
**Elaterite Paint & Mfg. Co. ("Des Moines**  
**Elaterite"), Des Moines, Ia.**  
**Federal Process Co., Cleveland, O.**  
**Feigel M. & Bro. ("D. R. P."), 185 Woos-**  
**ter, New York**  
**Forest City Paint & Varnish Co., Cleve-**  
**land, O.**

### FOX M. EWING CO. ("Permanite" &

**"Walwite" Water Paints), 241 E**  
**136th, New York**  
*See adv index at end of book*

**French Samuel H. & Co., 4th & Callow-**  
**hill, Phila., Pa.**  
**Glidden Varnish Co. ("Alkali Proof Wall**  
**Size"), "Concrete Floor Dressing,"**  
**"Stucolor," "Liquid Cement Coating,"**  
**"Liquid Cement Filler," "Waterproof**  
**White Finish," "Waterproof Flat**  
**Finish," "French Caen Stone Finish,"**  
**"Transparent Waterproofing," "Liquid**  
**Concrete," "Liquid Rubber," "Liquid**  
**Rubber Cement," "Colorless Water-**  
**proofing," "White Cement Enamel,"**  
**Daylite Mill White), 1775 W Madison,**  
**Cleveland, O.**

**Hanna Paint Mfg. Co., Columbus, O.**  
**Imperial Paint Co. ("Impaco"), 80 10th**  
**Long Island City, N. Y.**

**Jenkins Paint & Oil Co., Norfolk, Va.**  
**Jones Paint Co., Rome, N. Y.**  
**Lawrence W. W. & Co., W Carson, Pitts-**  
**burgh, Pa.**

**Lucas Jno. & Co., 322 Race, Phila., Pa.**  
**Masury Jno. W. & Son, 50 Jay, Brooklyn,**  
**N. Y.**

**Murillo Paint Co. ("Concredo"), Bingham-**  
**ton, N. Y.**  
**National Roofing Co., Tonawanda, N. Y.**  
**Nevin T. H. Co., Island & Preble, Pitts-**  
**burgh, Pa.**

**NICE EUGENE CO., 272 S 2d, Phila., Pa.**  
*See adv index at end of book*

**Nubian Paint & Varnish Co. ("Con-Kre-**  
**Kole"), 1856 Leclair av, Chicago, Ill.**  
**Patterson-Sargent Co. ("B. P. S.") "China**  
**Lac"), Cleveland, O.**

**Pyramid Paint Co. ("Macnichols"), 133**  
**N 22d, Phila., Pa.**  
**Richmond Bros. ("Cemeline"), 117 E 6th,**  
**Cincinnati, O.**

**Rinald Bros., 1142 N Hancock, Phila., Pa.**  
**St. Paul White Lead & Oil Co., Water &**  
**Starkey, St. Paul, Minn.**

**Sike Jas. B. & Co., Bessemer bldg, Pitts-**  
**burgh, Pa.**

**Skinner Douglas Paint Co., Kansas City,**  
**Mo.**

**THOMSON WOOD FINISHING CO. (Con-**  
**crete Waterproof), 827 N 3d, Phila.,**  
**Pa. See adv index at end of book**

**Toch Bros. ("R. I. W."), Interior, "Liquid**  
**Konkerit" Exterior), 320 5th av, New**  
**York**

**Tropical Paint & Oil Co. ("Comentkote,"**  
**"Elastikote"), W 70th, Cleveland, O.**

**U. S. Gutta Percha Paint Co., 12 Dudley,**  
**Providence, R. I.**

**Wadsworth, Howland Co. ("Bay State"),**  
**141 Federal, Boston, Mass.**

**Warner Herculene Paint Co., 10 Water,**  
**New York**

**Warren Paint & Color Co., Nashville,**  
**Tenn.**

**Waterall Wm. & Co. ("Cementco"), Cam-**  
**den, N. J.**

**West Coast Kalsomine Co. ("Wesco"),**  
**West Berkeley, Cal.**

**Western Elaterite Roofing Co. ("Elater-**  
**ite"), Denver, Colo.**

**Wilhelm A. Co., Reading, Pa.**

### Paints (Bridge)

See Paints for Coating & Preserving Iron  
& Steel

### 10537—\*Paints (Brine-Proof)

**DIXON JOSEPH CRUCIBLE CO., Jer-**  
**sey City, N. J.**  
*See adv index at end of book*

### 10538—Paints (Carbon)

**Antakwa Co., 133 W Washington, Chicago,**  
**Ill.**

**Arlington Mfg. Co., Canton, O.**

**Armstrong Paint & Varnish Works**  
**("Karbon Kote"), 2502 S Paulina, Chi-**  
**cago, Ill.**

**Becker-Moore Paint Co., 1219 Olive, St.**  
**Louis, Mo.**

**Chesapeake Oil Co., Stockholm & Peach**  
**Alley, Baltimore, Md.**

**Duristo Paint Co. ("Duristo"), Newport**  
**News, Va.**

**Forest City Paint & Varnish Co., Cleve-**  
**land, O.**

**Jenkins Paint & Oil Co. ("Delhi"), Nor-**  
**folk, Va.**

**Moser Chas. Co. ("Durbon"), Cincinnati,**  
**Ohio**

**National Roofing Co., Tonawanda, N. Y.**  
**Nevin T. H. Co., Island & Preble, Pitts-**  
**burgh, Pa.**

**Nice Eugene E., 272 S 2d, Phila., Pa.**  
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**Patterson-Sargent Co., Cleveland, O.**  
**Richmond Bros., 117 E 6th, Cincinnati, O.**

**Sherwin-Williams Co., Cleveland, O.**  
**U. S. Graphite Co., Saginaw, Mich.**

**Western Elaterite Roofing Co. ("Elater-**  
**ite"), Denver, Colo.**

### Paints (Cement)

See Paints, Brick & Concrete

### 10539—Paints (Cold Japan)

**American Cold Japan Co. (Bridges, Roofs,**  
**Stacks, etc.), Pittsburgh, Pa.**

### 10540—Paints (Cold Water)

See also Kalsomine Mfrs.

**Acme Asbestos Covering & Supply Co.**  
**("Acme," Interior & "Bell," Fireproof**  
**& Waterproof Exterior), 404 N Ada,**  
**Chicago, Ill. See adv index at end of book**

**Acme White Lead & Color Works, De-**  
**troit, Mich.**

**Adams & Elting Co., 726 Washington blvd,**  
**Chicago, Ill.**

**Arlington Mfg. Co., Canton, O.**

**Becker-Moore Paint Co., 1219 Olive, St.**  
**Louis, Mo.**

**Bird J. A. & W. & Co. ("Petrol," "Mag-**  
**nite," "Bird"), 88 Pearl, Boston, Mass.**

**Brown Chas. H. Paint Co., 188 Montague,**  
**Brooklyn, N. Y.**

**Carey Philip Mfg. Co., 330 Wayne av,**  
**Lockland, Cincinnati, O.**

**Columbia Refining Co. ("Aqualite" Fire &**  
**Weatherproof; also "Muraltint" &**  
**"White Rose"), 90 West, New York**

**Connors Wm. Paint Mfg. Co., Troy, N. Y.**  
**De Soto Paint Mfg. Co. ("Memphi"),**  
**Memphis, Tenn.**

**Devoe & Reynolds Co., Inc., 101 Fulton,**  
**New York**

**Edson Starks ("Mineralba"), Saxton's**  
**River, Vt.**

**Federal Asbestos Co., Milwaukee, Wis.**  
**Flintkote Mfg. Co. ("Magnite"), Boston,**  
**Mass.**

**FOX M. EWING CO. ("Permanite" &**  
**"Walwite" Water Paints), 241 E**  
**136th, New York**  
*See adv index at end of book*

**French Sam'l H. & Co., 4th & Callowhill,**  
**Phila., Pa.**

**Frescoat Co., Grand Rapids, Mich.**

**Gilman Paint & Varnish Co., Chattanooga,**  
**Tenn.**

**Hardie Mfg. Co. ("Stay There" Fire &**  
**Waterproof), Hudson, Mich.**

**Johns H. W.-Manville Co. ("J-M Fire-**  
**Fireproof"), Madison av & 41st, New**  
**York**

**King J. B. & Co. ("King's Perfected"),**  
**17 State, New York**

**Kling Paint Mfg. Co. ("King's"), 449**  
**Kent av, Brooklyn, N. Y.**

**Lawrence W. W. & Co., W Carson, Pitts-**  
**burgh, Pa.**

**Moser Chas. Co., Cincinnati, O.**

**Munns E. A. Kalsomine Co., 217 Fulton,**  
**Brooklyn, N. Y.**

**Muralo Co. ("Indelible"), Richmond Ter.,**  
**New Brighton, Borough of Richmond,**  
**New York**

**Murphy Chas. J. & Co., 332 N Calvert,**  
**Baltimore, Md.**

**Nice Eugene E., 272 S 2d, Phila., Pa.**  
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**Paragon Plaster Co., Syracuse, N. Y.**  
**Richmond Bros., 117 E 6th, Cincinnati, O.**

**Tucker Mfg. Co., 17 E 137th, New York**  
**West Coast Kalsomine Co. ("Wesco" Vel-**  
**vet Tints & Wall Colors), West Ber-**  
**keley, Cal.**

**Whittaker W. H. Co., 250 Front, New**  
**York**

**Wilhelm A. Co., Reading, Pa.**  
**Winn Wm. R. ("Winn"), 143 Maiden la,**  
**N. Y.**

### 10541—Paints (Copper)

See also Paints, Marine

**Amalgamated Paint Co., 371 Wayne, Jer-**  
**sey City, N. J.**

**Antox Paint Co., Indianapolis, Ind.**  
**Arlington Mfg. Co., Canton, O.**

**Armstrong Paint & Varnish Works ("Kop-**  
**per-Kote"), 2502 S Paulina, Chicago,**  
**Ill.**

**Baltimore Copper Paint Co., Key High-**  
**way & Covington, Baltimore, Md.**

**BINSWANGER B. & CO., 827 N Third,**  
**Phila., Pa.**

**Briggs John & Co. ("Champion" Ready**  
**Mixed), 45 Purchase, Boston, Mass.**

**Brown Chas. H. Paint Co. ("Satina"),**  
**188 Montague, Brooklyn, N. Y.**

**Chesapeake Oil Co., Stockholm & Peach**  
**alley, Baltimore, Md.**

**Chilton Paint Co., College Point, L. I.,**  
**N. Y.**

**Debevoise Company And Ship Composi-**  
**tion), 968 Grand av, Brooklyn, N. Y.**

**Devoe & Reynolds Co., Inc., 101 Fulton,**  
**New York**

**Duristo Paint Co. ("Duristo"), Newport**  
**News, Va.**

**French Sam'l H. & Co., 4th & Callowhill,**  
**Phila., Pa.**

**Henderson & Johnson, Gloucester, Mass.**  
**Howell C. H. & Co., 212 Race, Phila., Pa.**

**Knowlton Dallas, Washington, D. C.**  
**Kuhls H. B. Fred ("Elastic"), 6413 3d av,**  
**Brooklyn, N. Y.**

**Longman & Martinez, 54 Maiden la, New**  
**York**

**Lucas Jno. & Co., 322 Race, Phila., Pa.**  
**Miller & Graham, 21 S Gay, Baltimore,**  
**Md.**

**Mott Haven Color Works, 395 Mott av,**  
**New York**

**New Jersey Paint Works (H. Louder-**  
**bough, Prop.), Wayne, Jersey City,**  
**N. J.**

**Nice Eugene E., 272 S 2d, Phila., Pa.**  
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**Pierce F. O. Co., 12 W B'way, New York**  
**Sherwin-Williams Co., Cleveland, O.**

**Skinner Douglas Paint Co., Kansas City,**  
**Mo.**

**Tarr Jas. H. Co. (Marine), Gloucester,**  
**Mass.**

**Tarr & Wonson, Gloucester, Mass.**  
**Wadsworth Howland & Co. ("Bay State"),**  
**141 Federal, Boston, Mass.**

**Warren Paint & Color Co., Nashville,**  
**Tenn.**

**Woolsey C. A. Paint & Color Co., 509**  
**Grand, Jersey City, N. J.**



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chinery, Cement and Concrete  
Surfaces, etc.

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**10542—\*Paints (Damp Resisting)**See also Paints, Brick & Concrete; also  
Waterproofing MaterialsAmerican Bitumastic Enamels Co., 17  
Battery pl, New York**DIXON JOSEPH CRUCIBLE CO.**, Jer-  
sey City, N. J.

See adv index at end of book

**10543— Paints (Dipping)**Antakwa Co. ("Antakwa"), 133 W Wash-  
ington, Chicago, Ill.

Arlington Mfg. Co., Canton, O.

Becker-Moore Paint Co., 1219 Olive, St.  
Louis, Mo.

Canfield Oil Co., Cleveland, O.

Canton Paint &amp; Glass Co., Canton, O.

Detroit White Lead Works, Detroit,  
Mich.French Sam'l H. & Co., 4th & Callowhill,  
Phila., Pa.Gilman Paint & Varnish Co., Chattanooga,  
Tenn.

Lowe Bros. Co., Dayton, O.

Mound City Paint & Color Co., 11th &  
Mullanphy, St. Louis, Mo.Nevin T. H. Co., Island & Preble, Pitts-  
burgh, Pa.

Nice Eugene E., 272 S 2d, Phila., Pa.

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Patterson-Sargent Co., Cleveland, O.

**Riesenman Mfg. Co. (Ltd.)**, Franklin, Pa.Rinald Bros., 1142 N Hancock, Phila., Pa.  
St. Paul White Lead & Oil Co., Water &  
Starkey, St. Paul, Minn.

Sherwin-Williams Co., Cleveland, O.

Sipe Jas. B. & Co., Bessemer bldg, Pitts-  
burgh, Pa.**THOMSON WOOD FINISHING CO.**, 827  
N 3d, Phila., Pa.

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United States Graphite Co., Saginaw, Mich.

Wadsworth Howland & Co. ("Bay State"),  
141 Federal, Boston, Mass.Walters Mfg. Co., Fulton bldg, Pittsburgh,  
Pa.Western Elaterite Roofing Co. ("Elate-  
rite"), Denver, Colo.**Paints (Enamel)**

See Enamels

**10544—\*Paints (Enamel "Porce-  
lite")****THOMSON WOOD FINISHING CO.**, 827  
N 3rd, Phila., Pa.

See adv index at end of book

**10545— \*Paints (Fireproof)****EDWARDS MFG. CO.** ("Edmanco"), 545-  
565 Eggleston av, Cincinnati, O.

See adv index at end of book

**10546—Paints (Fire Resisting)**Acme Asbestos Covering & Supply Co. (For  
Spray Pumps & Brushes), 404 N Ada,  
Chicago, Ill.Acme White Lead & Color Wks., Detroit,  
Mich.American Bitumastic Enamel Co. (Bitum-  
astic Solution), 17 Battery pl, New  
York, and 322 S Delaware av, Phila.,  
Pa.

American Cold Japan Co., Pittsburgh, Pa.

Antox Paint Co., Indianapolis, Ind.

Arlington Mfg. Co., Canton, O.

Atlantic Refining Co., Cleveland, O.

Barrett Co., 17 Battery pl, New York

Becker-Moore Paint Co., 1219 Olive, St.  
Louis, Mo.**BINSWANGER B. & CO.**, 827 N Third,  
Phila., Pa.Bradford Jas. Co. 8 E 3rd, Wilmington,  
Del.

Canton Paint &amp; Glass Co., Canton, O.

Chesapeake Oil Co., Stockholm & Peach  
alley, Baltimore, Md.Chilton Paint Co., College Point, L. I.,  
N. Y.

Detroit Graphite Co., Detroit, Mich.

Devoe & Reynolds Co., Inc., 101 Fulton,  
New YorkDixon Joseph Crucible Co., Jersey City,  
N. J.**EDWARDS MFG. CO.**, 545-565 Eggleston  
av, Cincinnati, O.

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Elaterite Paint Mfg. Co. ("Des Moines  
Elaterite"), Des Moines, Ia.

Federal Asbestos Co., Milwaukee, Wis

Federal Process Co., Cleveland, O.

Forest City Paint & Varnish Co., Clevel-  
and, O.Fort Pitt Oil & Paint Co., 3209 Liberty,  
Pittsburgh, Pa.**FOX M. EWING CO.** ("Permanite" Water  
Paint), 241 E 136th, New York

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French Sam'l H. & Co., 4th & Callowhill,  
Phila., Pa.Great Lakes Refining Co. ("Jet Black"),  
Cleveland, O.Hydro Damp-Proofing & Engineering Co.,  
Pittsburgh, Pa.

Ironsides Co., Columbus, O.

Jones Paint Co. ("Roofcoat"), Rome,  
N. Y.

Lowe Bros. Co., Dayton, O.

Lucas John &amp; Co., 322 Race, Phila., Pa.

Maire Paint Co., 329 Boston blk, Minne-  
apolis, Minn.

Nice Eugene E., 272 S 2d, Phila., Pa.

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Ohmlac Mfg. Co., 140 S Dearborn, Chicago,  
Ill.

Patterson-Sargent Co., Cleveland, O.

Patton Paint Co. (Asbestos), Milwaukee,  
Wis.Pecora Paint Co., 4th & P. & R. R. R.,  
Phila., Pa.Price Fire & Water Proofing Co. ("Fire  
Foe" For Wood & Interior Decora-  
tion), Poughkeepsie, N. Y.Pyrolin Products Co. ("Pyrolin"), Fort  
Dodge, Ia.

Riesenman Mfg. Co. (Ltd.), Franklin, Pa.

Rinald Bros., 1142 N Hancock, Phila., Pa.

Semet-Solvay Co. ("Solvay"), Syracuse,  
N. Y.Stowell Mfg. Co., 240 Culver av, Jersey  
City, N. J.Suydam M. B. Co., 61st & Butler, Pitts-  
burgh, Pa.Toch Bros. ("199 C. W." Paint), 320 5th  
av, New YorkU. S. Gutta Percha Paint Co., 12-30 Dud-  
ley, Providence, R. I.

U. S. Refining Co., Cleveland, O.

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Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
 Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.  
 Watson H. F. Co., Erie, Pa.  
 Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

### 10547—\*Paints (Flat Wall)

**NICE EUGENE CO.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
**THOMSON WOOD FINISHING CO.**, 827 N 3rd, Phila., Pa.  
*See adv index at end of book*

### 10548—Paints for Coating & Preserving Iron & Steel

Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.  
 Acme White Lead & Color Wks., Detroit, Mich.  
 Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.  
**ALCATRAZ CO., INC.**, 3200 Williamsburg av, Richmond, Va.  
 All Roofing Mfg Co. ("Armco"), 1843 Converse av, E St. Louis, Ill.  
 Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.  
 American Bitumastic Enamels Co., 17 Battery pl, New York  
 American Chemical & Mfg. Co. ("Hippo"), Norfolk, Va.  
 American Cold Japan Co., Pittsburgh, Pa.  
 Antakwa Co., 133 W Washington, Chicago, Ill.  
 Antox Paint Co., Indianapolis, Ind.  
 Arlington Mfg. Co. ("Carbonelastic" Coating), Canton, O.  
 Atlantic Refining Co. ("Elastic Carbon"), Cleveland, O.  
 Atlas Paint Co., Nashville, Tenn.  
 Atlas Preservative Co. of America ("Rust-kill"), 95 Liberty, New York  
 Ball Chemical Co., Fulton bldg, Pittsburgh, Pa.  
 Barrett Co. ("Everjet Elastic," "Monitor" Metal), 17 Battery pl, New York  
 Bayway Chemical Co. (Coal Tar Asphaltum), Elizabeth, N. J.  
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
**Bethlehem Steel Co. ("Cunningham" Coal Tar), S Bethlehem, Pa.**  
 Billings-Chapin Co. ("Rostnicht"), Cleveland, Ohio  
**BINSWANGER B. & CO.** (M. P. Coating), 827 N Third, Phila., Pa.  
 Black Diamond Mfg. Co., 1219 Bank, Cincinnati, O.  
 Blocki-Brennan Refining Co. ("Carboxide" Elastic Metal Preserver), 11 N La Salle, Chicago, Ill.  
 Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.  
 Bradford Jas. Co., 8 E 3rd, Wilmington, Del.  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.  
 Burgess, Fobes & Co., Portland, Me.  
 Cabot Samuel (Inc.), 141 Milk, Boston, Mass.  
 Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.  
 Canfield Oil Co., Cleveland, O.  
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
 Chatfield Mfg. Co. ("Carbo" Black Enamel), 74 Lebanon, Carthage, Cincinnati, O.  
 Chattanooga Paint Co., Chattanooga, Tenn.  
 Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
 Chilton Paint Co., College Point, L. I., N. Y.  
 Climax Refining Co., Cleveland, Ohio  
 Clinton Metallic Paint Co., Clinton, N. Y.  
 Connors Wm. Paint Mfg. Co. ("American Seal" Anti-Rust), Troy, N. Y.  
 Cooledge F. J. & Sons, Atlanta, Ga.  
 Debevoise Company, 968 Grand av, Brooklyn, N. Y.  
 Detroit Graphite Co., Detroit, Mich.  
 Detroit White Lead Works, Detroit, Mich.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
**DIXON JOSEPH CRUCIBLE CO.** ("Dixon's" Silica-Graphite for Metal, also for Wood), Jersey City, N. J.  
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 Doggett Stanley, 11 Cliff, New York  
**Eagle Paint & Varnish Co. (Guaranteed Structural), N S, Pittsburgh, Pa.**

Elaterite Paint & Mfg. Co. ("Des Moines" Elaterite"), Des Moines, Ia.  
 Eureka Chemical Co., 970 Grand av, Brooklyn, N. Y.  
 Federal Process Co., Cleveland, O.  
 Felton, Sibley & Co., 136 N 4th, Phila., Pa.  
 Flintkote Mfg. Co. ("Rex"), 88 Pearl, Boston, Mass.  
 Forest City Paint & Varnish Co., Cleveland, O.  
 Fort Pitt Oil & Paint Co., 3209 Liberty, av, Pittsburgh, Pa.  
 Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.  
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
 Garry Iron & Steel Co., Niles, O.  
 Glidden Varnish Co., 1755 W Madison, Cleveland, O.  
 Goheen Mfg. Co. (Carbonizing Coating), Canton, O.  
 Great Lakes Refining Co. ("Jet Black"), Cleveland, O.  
 Grosche Bruno & Co., 90 Wall, New York  
 Hammond Process Co. ("Ferox" Iron Oxide), Norwich, Conn.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Hardy Paint & Varnish Co., Toledo, O.  
 Harrisons, Inc. ("Antoxide" & "Ferro-Keep"), 35th & Grays Ferry rd, Phila., Pa.  
 Hascall Paint Co., W 70th, Cleveland, O.  
 Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.  
 Hydrex Felt & Engineering Co., 120 Liberty, New York  
 Imperial Paint Co. ("Impaco"), 80 10th, Long Island City, N. Y.  
 Iowa Paint Mfg. Co., Fort Dodge, Ia.  
 Ironsides Co., Columbus, O.  
 Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.  
 Johnston R. F. Paint Co., Pearl & Main, Cincinnati, O.  
 Jones Paint Co. ("Elastic Enamel"), Rome, N. Y.  
 Kay & Ess Co., Dayton, O.  
 Keystone Albumen & Paint Co., 1346 N Marston, Phila., Pa.  
 Keystone Paint & Filler Co., Muncy, Pa.  
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.  
 Lincoln Paint & Color Co., Lincoln, Neb.  
 Long Chas. R., Jr., Co., Louisville, Ky.  
 Lowe Bros. Co., Dayton, O.  
 Lucas John & Co. ("Metafife"), 322 Race, Phila., Pa.  
 McNaughton Wm. D., 185 Oakland, Brooklyn, N. Y.  
 Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.  
 Means & Thatcher ("Thermolin"), Norfolk Downs, Quincy, Mass.  
 Minwax Co., 18 E 41st, New York  
 Monarch Paint Co., W 90th, Cleveland, O.  
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
 National Roofing Co. ("Egyptian," "Corporation," "Black Knight"), Tonawanda, N. Y.  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
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 Northwestern Mfg. Co., Indianapolis, Ind.  
 Nubian Paint & Varnish Co. ("Carbonkote," "Brewice"), 1856 Leclair av, Chicago, Ill.  
 Ohio Chemical Co., Findlay, O.  
 Ohio Paint & Stain Co., Findlay, O.  
 Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.  
 Otley Paint Mfg. Co. ("Eureka" Graphite, etc), 1742 N Winchester av, Chicago, Ill.  
 Patterson-Sargent Co. ("Nobrac"), Cleveland, O.  
 Patton Paint Co. ("Ironhide"), Milwaukee, Wis.  
 Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.  
 Popplein G. & N., 220 North, Baltimore, Md.  
 Preservative Products Co. ("Esco"), 1133 B'way, New York  
 Prince James H. Paint Co., 5 Lancaster, Boston, Mass.  
 Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York  
 Protectus Paint Co., North American bldg, Phila., Pa.  
 Pyramid Paint Co. ("Kant-Korod"), 133 N 22d, Phila., Pa.  
 Reeder Jno. S. (Cold Japan), Hamilton, O.  
 Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.

Reisenman Mfg. Co. (Ltd.) ("Eclipse"), Franklin, Pa.  
 Reliance Paint Co., 357 Bond, Brooklyn, N. Y.  
 Republic Paint & Lead Works, E 131st & Taft av, Cleveland, O.  
 Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.  
 Rinald Bros. (Bessemer Paints), 1142 N Hancock, Phila., Pa.  
 Rossie Iron Ore Paint Co., Ogdensburg, N. Y.  
 Rubber Paint Co., cor Warner & Wooster, Baltimore, Md.  
 St. Louis Surfer & Paint Co. ("Metal-steel"), Arlington & Terminal & Belt Line, St. Louis, Mo.  
 St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.  
 Semet-Solvay Co. ("Crysolite"), Syracuse, N. Y.  
 Sherwin-Williams Co., Cleveland, O.  
 Shoemaker Robt. & Co., 4th & Race, Phila., Pa.  
 Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
 Skinner Douglas Paint Co., Kansas City, Mo.  
 Smith Edw. & Co., 127 W av, Long Island City, N. Y.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Spiritine Chemical Co., Wilmington, N. C.  
 Standard Paint Co. ("Flexite"), 233 B'way, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Sterling Varnish Co. (Black Iron Enamel), Fulton bldg, Pittsburgh, Pa.  
 Stickney J. W. & Co., Boston, Mass.  
 Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.  
 Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.  
 Swift Paint Co. ("Black Giant," Front End Enamel), Wade bldg, Cleveland, Ohio  
 Thompson & Co. ("Diamond"), 1111 Galveston av, Pittsburgh, Pa.  
 Toch Bros. ("Tockolith" & "R. I. W."), 320 5th av, New York  
 Tropical Paint & Oil Co. ("Elastikote" Toco Graphite), W 70th, Cleveland, O.  
 Trus-Con Laboratories, Detroit, Mich.  
 Tucker Mfg. Co., 17 E 137th, New York  
 Ulster Paint Works, Ellenville, N. Y.  
 United States Graphite Co., Saginaw, Mich.  
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.  
 United States Refining Co., Cleveland, O.  
 Wadham's Oil Co., 215 National av, Milwaukee, Wis.  
 Wadsworth-Howland Co. ("Bay State" Steel & Protective Coating), 141 Federal, Boston, Mass.  
 Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.  
 Warren Paint & Color Co., Nashville, Tenn.  
 Watson H. F. Co. (Red & Oxide Metallic), Erie, Pa.  
 Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.  
 Whitehead Paint Co., 1 Madison av, New York  
 Wilhelm A. Co., Reading, Pa.

### 10549—\*Paints (Freight Car)

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
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### 10550—\*Paints (Gas Holder)

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*

### Paints (Gold)

*See Paints, Aluminum & Gold*

### 10551—Paints (Graphite)

Acheson Graphite Co., Niagara Falls, N. Y.  
 Acme White Lead & Color Works, Detroit, Mich.  
 Akron Mining, Milling & Mfg. Co., Aurora, Ill.  
 Antox Paint Co., Indianapolis, Ind.  
 Arlington Mfg. Co., Canton, O.  
 Atlantic Paint Co., Cleveland, O.  
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
**BINSWANGER B. & CO.**, 827 N 3rd, Phila., Pa.



Blood T. L. & Co., 413 Wacouta, St. Paul, Minn.  
 Boyde Bros. White Lead & Color Co., Detroit, Mich.  
 Bradford Jas. Co., 8 E 3rd, Wilmington, Del.  
 Brown Chas. H. Paint Co., 188 Montague, Brooklyn, N. Y.  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.  
 Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.  
 Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
 Chilton Paint Co., College Point, L. I., N. Y.  
 Columbia Refining Co. ("Metallite"), 90 West, New York  
 Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.  
 Coolidge F. J. & Sons, Atlanta, Ga.  
 Detroit Graphite Co. ("Superior"), Detroit, Mich.  
 Detroit White Lead Works, Detroit, Mich.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York

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**EDWARDS MFG. CO., 645-565 Eggleston av, Cincinnati, O.**

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**Forest City Paint & Varnish Co., Cleveland, O.**

**Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.**

**French Sam'l H. & Co., 5th & Callowhill, Phila., Pa.**

**General Roofing Mfg. Co., Boatmen's Bank bldg, St. Louis, Mo.**

**Goheen Mfg. Co., Canton, O.**

**Harrisons Inc., 35th & Gray's Ferry rd, Phila., Pa.**

**Jenkins Paint & Oil Co. ("Delhi"), Norfolk, Va.**

**Kay & Ess Co., Dayton, O.**

**Lawrence W. W. & Co. ("Duquesne" & "Lawrence"), Pittsburgh, Pa.**

**Lincoln Paint & Color Co. ("Aztec"), Lincoln, Neb.**

**Lucas John & Co., 322 Race, Phila., Pa.**

**Miller & Graham, 21 S Gay, Baltimore, Md.**

**Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.**

**National Roofing Co., Tonawanda, N. Y.**

**Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.**

**Nice Eugene E., 272 S 2d, Phila., Pa.**

*See adv index at end of book*

**Ohio Filler & Shield Co., 522 City av, Columbus, O.**

**Otley Paint Mfg. Co. (Mixed in Oil), 1742 N Winchester av, Chicago, Ill.**  
**Patterson-Sargent Co., Cleveland, O.**  
**Patton Paint Co., Milwaukee, Wis.**  
**Richmond Bros., 117 E 6th, Cincinnati, O.**  
**Riesenman Mfg. Co. (Ltd.), Franklin, Pa.**  
**Rinald Bros., 1142 N Hancock, Phila., Pa.**  
**St. Louis Surfacers & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.**  
**St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.**  
**Sherwin-Williams Co., Cleveland, O.**  
**Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.**  
**Thompson & Co., 1111 Galveston av, Pittsburgh, Pa.**  
**Tropical Paint & Oil Co. ("Toco"), W 70th, Cleveland, O.**  
**United States Graphite Co., Saginaw, Mich.**  
**Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.**  
**Warren Paint Co., Warren, O.**  
**Whitehead Paint Co., 1 Madison av, New York**  
**Wilhelm A. Co., Reading, Pa.**

### Paints (Heat Resisting)

See Paints, Fire Resisting

### Paints (Hydraulic)

See Waterproofing Materials

### 10552— Paints (Ice Can)

**Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.**  
**Black Diamond Paint & Varnish Works ("Vol-Ka-No" Black), 1219 Bank, Cincinnati, O.**  
**Federal Process Co., Cleveland, O.**

### 10553— Paints (Insulating)

See also Varnishes, Insulating

**Acme White Lead & Color Works, Detroit, Mich.**  
**Antakwa Co., 138 W Washington, Chicago, Ill.**  
**Antox Paint Co., Indianapolis, Ind.**  
**Arlington Mfg. Co., Canton, O.**  
**Barrett Co., 17 Battery pl, New York**  
**Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.**  
**Boydell Bros. White Lead & Color Co., Detroit, Mich.**  
**Cabot Samuel (Inc.), 141 Milk, Boston, Mass.**  
**Canfield Oil Co., Cleveland, O.**  
**Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.**  
**Chicago Mica Co. ("Champion"), Valparaiso, Ind.**  
**Devoe & Reynolds Co., Inc., 101 Fulton, New York**

**Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.**

**Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.**

**Flintkote Mfg. Co. ("Rex"), 88 Pearl, Boston, Mass.**

**Forest City Paint & Varnish Co., Cleveland, O.**

**Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.**

**Glidden Varnish Co., 1755 W Madison, Cleveland, O.**

**Hanna Paint Mfg. Co., Columbus, O.**

**Jamestown Paint & Varnish Co., Jamestown, Pa.**

**Lehon Co., W 45th & S Western av, Chicago, Ill.**

**Mica Insulator Co. ("M. I. Co." "Linolac"), 68 Church, New York**

**Mitchell-Rand Mfg. Co., 99 John, New York**

**National Insulator Co. ("Nico" Metal), 39 Sudbury, Boston, Mass.**

**Nice Eugene E., 272 S 2d, Phila., Pa.**

**Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.**

**Paragon Insulating Co., Cleveland, O.**

**Patent Vulcanite Roofing Co. ("Elite" & Mineral Compound), 2256 W 49th, Chicago, Ill.**

**Patterson-Sargent Co., Cleveland, O.**

**Protectus Paint Co., North American bldg, Phila., Pa.**

**Riesenman Mfg. Co. (Ltd.), Franklin, Pa.**

**Semet-Solvay Co. ("Solvay"), Syracuse, N. Y.**

**Sherwin-Williams Co., Cleveland, O.**

**Sipe Jas. B. & Co., 18 S 7th, Phila., Pa.**

**Skinner Douglas Paint Co., Kansas City, Mo.**  
**Standard Paint Co. ("P. & B."), 233 B'way, New York**  
**Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.**  
**Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.**  
**Toch Bros. ("R. I. W."), 320 5th av, New York**  
**U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.**  
**Wadsworth-Howland Co., 141 Federal, Boston, Mass.**

### 10554—Paints (Iron Oxide)

**Allentown Mfg. Co., Allentown, Pa.**  
**Antox Paint Co., Indianapolis, Ind.**  
**Arlington Mfg. Co., Canton, O.**  
**Armstrong Paint & Varnish Works ("Iron-ox"), 2502 S Paulina, Chicago, Ill.**  
**Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.**  
**BINSWANGER B. & CO. ("Sanaloid"), 827 N 3d, Phila., Pa.**  
**Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.**  
**Chilton Paint Co., College Point, L. I., N. Y.**  
**Devoe & Reynolds Co., Inc., 101 Fulton, New York**  
**Duristo Paint Co. ("Duristo"), Newport News, Va.**  
**Forest City Paint & Varnish Co., Cleveland, O.**  
**Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.**  
**French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.**  
**Goheen Mfg. Co., Canton, O.**  
**Hammond Process Co. ("Ferox"), Norwich, Conn.**  
**Hanna Paint Mfg. Co., Columbus, O.**  
**Jamestown Paint & Varn. Co., Jamestown, Pa.**  
**Jenkins Paint & Oil Co., Norfolk, Va.**  
**Kay & Ess Co., Dayton, O.**  
**Lawrence W. W. & Co. ("Fort Pitt" Red), W Carson, Pittsburgh, Pa.**  
**Lookout Paint Mfg. Co., Chattanooga, Tenn.**  
**Lowe Bros. Co., Dayton, O.**  
**Lucas John & Co., 322 Race, Phila., Pa.**  
**Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.**  
**Nice Eugene E., 272 S 2d, Phila., Pa.**  
*See adv index at end of book*  
**Patton Paint Co., Milwaukee, Wis.**  
**Riesenman Mfg. Co. (Ltd.), Franklin, Pa.**  
**Rossie Iron Ore Paint Co. ("Rossie" Red Oxide Ore), Ogdensburg, N. Y.**  
**St. Louis Surfacers & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.**  
**Sherwin-Williams Co., Cleveland, O.**  
**Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.**  
**Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.**  
**Trus-Con Laboratories, Detroit, Mich.**  
**U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.**  
**Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.**  
**Wilhelm A. Co., Reading, Pa.**

### 10555—Paints (Iron Resisting)

See Paints, Rust Proof

### 10556—\*Paints (Locomotive)

See also Paints for Coating & Preserving Iron & Steel

**DIXON JOSEPH CRUCIBLE CO., Jersey City, N. J.** *See adv index at end of book*

### 10557—\*Paints (Machinery)

See also Paints for Coating & Preserving Iron & Steel

**BINSWANGER B. & CO., 827 N 3d, Philadelphia, Pa.**

### 10558-9— Paints (Marine)

See also Paints, Copper

**Allentown Mfg. Co., Allentown, Pa.**  
**Amalgamated Paint Co. ("Biaphaltic," Rahtjens," "Compo"), 371 Wayne, Jersey City, N. J.**  
**American Bitumastic Enamels Co., 17 Battery pl, New York**  
**Antakwa Co., 133 W Washington, Chicago, Ill.**  
**Aspinwall Geo. H. (Inc.), 134 Halladay, Jersey City, N. J.**



Billings-Chapin Co., Cleveland, O.  
**BINSWANGER B. & CO.**, 827 N 3d, Phila., Pa.  
 Bredell's Composition Co., 521 Washington, New York  
 Bridgeport Bronze Marine Paint Co., Bridgeport, Conn.  
 Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.  
 Chicago Varnish Co. ("Superior" Bottom), 2100 Elston av, Chicago, Ill.  
 Chilton Paint Co., College Point, L. I., N. Y.  
 Connors Wm. Paint Mfg. Co., Troy, N. Y.  
 Crockett D. B. Co., Bridgeport, Conn.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
 Duristo Paint Co. ("Duristo"), Newport News, Va.  
 Forest City Paint & Varnish Co., Cleveland, O.  
 French Saml. H. & Co., 4th & Callowhill, Phila., Pa.  
 Gardiner Paint Co. ("Am McInnes"), 25 W B'way, New York  
 Glidden Varnish Co., 1755 W Madison, Cleveland, O.  
 Hammond Process Co. ("Ferox" "Iron Oxide"), Norwich, Conn.  
 Hardy Paint & Varnish Co. ("Great Lakes"), Toledo, O.  
 Holzapfel's Am. Compositions Co., 18 B'way, New York  
 Jenkins Paint & Oil Co. (Merrimac), Norfolk, Va.  
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.  
 Lowe Bros. Co., Dayton, O.  
 Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.  
 Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.  
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
 Nansen Composition & Paint Co., 44 Whitehall, New York  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Patterson-Sargent Co., Cleveland, O.  
 Patton Paint Co., Milwaukee, Wis.  
 Protectus Paint Co., N American bldg, Phila., Pa.  
 Rahtjen's American Composition Co., 1 B'way, New York  
 Reliance Paint Co., 357 Bond, Brooklyn, N. Y.  
 Riesenman Mfg. Co. (Ltd.), Franklin, Pa.  
 Rinald Bros., 1142 N Hancock, Phila., Pa.  
 St. Louis Surfacter & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Standard Ultramarine Co., Huntington, W. Va.  
 Standard Varnish Works, 90 West, New York  
 Tereido-Proof Paint Co. ("Kennon's" Tereido-Proof), Produce Exchange, New York  
**THOMSON WOOD FINISHING CO.**, 827 N 3d, Phila., Pa.  
*See adv index at end of book*  
 Toch Bros. ("R. I. W." & "Plastic Tocho-lith"), 320 5th av, New York  
 United States Graphite Co., Saginaw, Mich.  
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.  
 Wadsworth, Howland & Co., 141 Federal, Boston, Mass.  
 Warren Paint Co., Warren, O.  
 Winn Wm. R. (Spar, etc), 143 Maiden la, New York

### Paints (Metal Protecting)

*See Paints for Coating & Preserving Iron & Steel; also Paints, Iron Oxide; also Paints, Graphite*

### 10560—\*Paints (Metal Shingle)

*See also Shingle Stains*

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*

### 10561—\*Paints (Mill White)

**BINSWANGER B. & CO.**, 827 N Third, Phila., Pa.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
**THOMSON WOOD FINISHING CO.**, 827 N Third, Phila., Pa.  
*See adv index at end of book*

### 10562—Paints (Mixed for Export)

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.  
 Antox Paint Co., Indianapolis, Ind.  
 Arlington Mfg. Co., Canton, O.  
 Briggs John & Co., 45 Purchase, Boston, Mass.  
 Carrara Paint Co., Barberton, O.  
 Detroit Refining Co., Majestic bldg, Detroit, Mich.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
**Eagle Paint & Varnish Co.**, N S, Pittsburgh, Pa.  
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
 King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.  
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Patterson-Sargent Co., Cleveland, O.  
 Rinald Bros., 1142 N Hancock, Phila., Pa.  
 Sherwin-Williams Co., Cleveland, O.  
 Wadsworth, Howland & Co., 141 Federal, Boston, Mass.

### 10563—Paints (Oil)

Arlington Mfg. Co., Canton, O.  
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
**BINSWANGER B. & CO.**, 827 N Third, Phila., Pa.  
 Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.  
 Devoe F. W. & C. T. Reynolds Co., 101 Fulton, N. Y.  
 Duristo Paint Co. ("Duristo"), Newport News, Va.  
**Eagle Paint & Varnish Co.**, N S, Pittsburgh, Pa.  
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
 Lawrence W. W. & Co., W Carson, Pittsburgh, Pa.  
 Lincoln Paint & Color Co. ("Lincoln Climatic"), Lincoln, Neb.  
 Moore Benj. & Co. ("San-Flat" Oil), 231 Front, Brooklyn, N. Y.  
 Muralo Company, Rich. Ter., New Brighton, Borough of Richmond, New York  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Prince James H. Paint Co., 5 Lancaster, Boston, Mass.  
 Pyramid Paint Co., 133 N 22d, Phila., Pa.  
 Riesenman Mfg. Co. (Ltd.), Franklin, Pa.  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Ulster Paint Works, Ellenville, N. Y.  
 Warren Paint Co., Warren, O.  
 West Coast Kalsomine Co. ("Wesco" Flat Oil), West Berkeley, Cal.

### 10563a—Paints (Rail Bonding)

**AMERICAN STEEL & WIRE CO.** (Lever or Electric Motor, Single, Double & Triple Spindle), 208 S La Salle, Chicago, Ill. *See adv index at end of book*

### 10563b—\*Paints (Ready Mixed & Household)

**HARRISONS, INC.** ("Town & Country," "Gold Medal," "Old Colony," "Enamel Cottage" House Paint "Ferro-Keep" & "Antoxide" Rust Inhibitive Paint), 35th & Grays Ferry rd, Phila., Pa.

### 10564—Paints (Roofing)

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
 Acme White Lead & Color Works, Detroit, Mich.  
 Adams & Elting Co., 726 Washington blvd, Chicago, Ill.  
 Akron Mining, Milling Mfg. Co., Aurora, Ill.  
**ALCATRAZ CO., INC.** ("Blackat"), 3200 Williamsburg av, Richmond, Va.  
 Algonquin Slate Products Co., Worcester, Mass.  
 All Roofing Mfg. Co. ("Armco"), E St. Louis, Ill.  
 Allen Anti-Rust Mfg. Co., Glenn bldg, Cincinnati, O.  
 American Cold Japan Co., Pittsburgh, Pa.  
 American Roofing Co., Kansas City, Mo.

Antakwa Co., 133 W Washington, Chicago, Ill.  
**Antox Paint Co.**, Indianapolis, Ind.  
 Arlington Mfg. Co., Canton, O.  
 Armstrong Paint & Varnish Works ("Negrite"), 2502 S Paulina, Chicago, Ill.  
 Asphalt Roofing Co. ("Wanigas"), Saginaw, Mich.  
 Atlantic Refining Co., Cleveland, O.  
 Baker Wm. T. ("Staona," "Metal Coat"), 224 Suydam av, Jersey City, N. J.  
 Barrett Co., 17 Battery pl, New York  
 Bayerson Oil Works, Erie, Pa.  
 Bayway Chemical Co. (Coal Tar Asphaltum), Elizabeth, N. J.  
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
 Billings-Chapin Co., Cleveland, O.  
**BINSWANGER B. & CO.**, 827 N 3d, Phila., Pa.  
 Black Diamond Mfg. Co., 1219 Bank, Cincinnati, O.  
 Boydell Bros. White Lead & Color Co., Detroit, Mich.  
 Bradford James Co., 8 E 3d, Wilmington, Del.  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.  
 Canfield Oil Co., Cleveland, O.  
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
 Chatfield Mfg. Co. (Asphalt), 74a Lebanon, Carthage, Cincinnati, O.  
 Chattanooga Paint Co., Chattanooga, Tenn.  
 Chesapeake Oil Co., Stockholm & Peach Alley, Baltimore, Md.  
 Chilton Paint Co., College Point, L. I., N. Y.  
 Cleveland Iron Ore Paint Co., Cleveland, Ohio  
 Coal Tar Product Co. ("Stag Brand"), 570 Smith, Brooklyn, N. Y.  
 Colebrooks W. H. Sons ("Crown"), Syracuse, N. Y.  
 Columbus Paint Mfg. Co. ("Egyptian"), 278 Kimball, Columbus, O.  
 Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.  
 Continental Paint & Mfg. Co. ("Rock-alyte"), Cleveland, O.  
 Cooleage F. J. & Sons, Atlanta, Ga.  
 Debevoise Company, 968 Grand av, Brooklyn, N. Y.  
 Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.  
 Detroit Refining Co., Majestic bldg, Detroit, Mich.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J.  
*See adv index at end of book*  
 Duristo Paint Co. ("Duristo"), Newport News, Va.  
**Eagle Paint & Varnish Co.**, N S, Pittsburgh, Pa.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa.  
 Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Iowa  
 Eureka Chemical Co., 970 Grand av, Brooklyn, N. Y.  
 Farwell, Ozmun, Kirk & Co., St. Paul, Minn.  
 Federal Process Co. ("Herm-I-Seal"), Cleveland, O.  
 Felton, Sibley & Co., 136 N 4th, Phila., Pa.  
 Flintkote Mfg. Co. ("Rex"), Boston, Mass.  
 Forest City Paint & Varnish Co., Cleveland, O.  
 Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.  
 French Saml. H. & Co., 4th & Callowhill, Phila., Pa.  
 Garry Iron & Steel Co., Niles, O.  
 General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.  
 Gibson-Homans Co., 2346 Woodhill rd, S E, Cleveland, O.  
 Goheen Mfg. Co., Canton, O.  
 Great Lake Refining Co. ("Jet Black" Elastic), Cleveland, O.  
 Great Western Oil Co., Cleveland, O.  
 Hammond Asphalt Products Co., Hammond, Ind.  
 Hammond Process Co. ("Ferox" Iron Oxide), Norwich, Conn.  
 Hanna Paint Mfg. Co., Columbus, O.  
 Hascall Paint Co. ("Thermalite"), W 70th, Cleveland, O.



Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.  
 Heppes-Nelson Roofing Co., 4500 Filmore, Chicago, Ill.  
 Hetzel J. G., 67 Main ("Rub on Paint"), Newark, N. J.  
 Hisgen Bros. ("Four Bros." Black), Albany, N. Y.  
 Howell Chas. H. & Co., 212 Race, Phila., Pa.  
 Hydro Damp-Proofing & Engng. Co., Pittsburgh, Pa.  
 Ilsley, Doubleday & Co., 229 Front, New York  
 Ironsides Co., Columbus, O.  
 Jones Paint Co. ("Roofcoat"), Rome, N. Y.  
 Kay & Ess Co., Dayton, Ohio  
 Klein Mfg. Co. ("Graphilatum"), American Trust bldg, Cleveland, O.  
 Knapp E. J. & Co., Belding, Mich.  
 Lawrence W. W. & Co. ("Lawrence" & "Duquesne"), W Carson, Pittsburgh, Pa.  
 Lehon Co., W 45th & S Western av, Chicago, Ill.  
 Lincoln Paint & Color Co. ("Paragon"), Lincoln, Neb.  
 Longman & Martinez, 54 Maiden la, New York  
 Lowe Bros. Co., Dayton, O.  
 Lucas John & Co., 322 Race, Phila., Pa.  
 McHenry-Millhouse Mfg. Co. ("Climax"), South Bend, Ind.  
 Maire Paint Co. (Maire's Indestructible Roof Preserver), 329 Boston blk, Minneapolis, Minn.  
 Mamolith Carbon Paint Co., 2d & Main, Cincinnati, O.  
 Means & Thatcher ("Everlasting"), Norfolk Down, Quincy, Mass.  
 Miller & Graham, 21 S Gay, Baltimore, Md.  
 Minwax Co., 18 E 41st, New York  
 Monarch Paint Co. ("Hydro-Carbonite"), W 70th, Cleveland, O.  
 Moser Chas. Co., Cincinnati, O.  
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
 National Paint & Varnish Co. ("National Tinnors Red"), 8709 Kinsman rd, Cleveland, O.  
 National Roofing Co. ("N. R. C." Protective Paint), Tonowanda, N. Y.  
 National Roofing Material Co. (Mastic), Edwardsville, Ill.  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Norfolk Oil Works, Norfolk, Neb.  
 Northwestern Mfg. Co., Indianapolis, Ind.  
 Ohio Chemical Co., Findlay, O.  
 Ohio Paint & Stain Co. ("Standard" Liquid Enamel), Findlay, O.  
 Ohmlac Mfg. Co., 140 S Dearborn, Chicago, Ill.  
 Otley Paint Mfg. Co. ("Eureka" & Mineral), 1742 N Winchester av, Chicago, Ill.  
 Patterson-Sargent & Co., Cleveland, O.  
 Patton Paint Co. (Asbestos), Milwaukee, Wis.  
 Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.  
 Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York  
 Pyramid Paint Co., 133 N 22d, Phila., Pa.  
 Reader Jno. S. (Cold Japan), Hamilton, O.  
 Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.  
 Richmond Bros. ("O. K." "Apex"), 117 E 6th, Cincinnati, O.  
 Ricketson Mineral Paint Works (Iron Ore), South Bay, Milwaukee, Wis.  
 Riesenman Mfg. Co. (Ltd.), Franklin, Pa.  
 Rinald Bros., 1142 N Hancock, Phila., Pa.  
 Rossie Iron Ore Paint Co. ("Rossie" Iron Ore), Ogdensburg, N. Y.  
 Rubber Paint Co. (Rubber), cor Warner & Wooster, Baltimore, Md.  
 St. Louis Surfacers & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.  
 St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.  
 Sherwin-Williams Co., Cleveland, O.  
 Skinner Douglas Paint Co., Kansas City, Mo.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Standard Paint Co., 233 Broadway, New York  
 Star Lubricating Oil Co., 8714 B'way, Cleveland, O.

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.  
 Suydam M. R. Co., 61st & Butler, Pittsburgh, Pa.  
 Toch Bros. ("R. I. W."), 320 5th av, New York  
 Tropical Paint & Oil Co. ("Elastikote" & "Cementkote"), W 70th, Cleveland, O.  
 Trus-Con Laboratories, Detroit, Mich.  
 Ullmann-Philpott Co., 4805 Lexington, Cleveland, O.  
 United States Graphite Co., Saginaw, Mich.  
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.  
 U. S. Refining Co. ("Everlasting Black"), Cleveland, O.  
 United Roofing & Mfg. Co. ("Congo," "Congoite"), Morris bldg, Phila., Pa.  
 Usona Mfg. Co. (Asphalt), Aurora, Ill.  
 Wadsworth, Howland & Co. ("Bay State," Roof & Barn), 141 Federal, Boston, Mass.  
 Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.  
 Walters Mfg. Co., Fulton bldg, Pittsburgh, Pa.  
 Warren Chemical & Mfg. Co., 17 Battery pl, New York  
 Warren Paint Co., Warren, O.  
 Watson H. F. Co. (Asbestos), Erie, Pa.  
 Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.  
 Wilhelm A. Co., Reading, Pa.  
 Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

### 10565—\*Paints (Rubber Tire)

**FOX M. EWING CO.** (Fox's Automobile in Powder Form to be Mixed with Water), 241 E 136th, New York  
*See adv index at end of book*

### 10566—Paints (Rust Proof)

Allen Anti-Rust Mfg. Co. (Smoke Stack, Tanks, etc), Glenn bldg, Cincinnati, O.  
 American Bitumastic Enamels Co., 17 Battery pl, New York  
 American Chemical Paint Co. ("Deoxidine"), 1126 S 11th, Phila., Pa.  
 American Cold Japan Co., Pittsburgh, Pa.  
 Antakwa Co., 133 W Washington, Chicago, Ill.  
 Antox Paint Co., Indianapolis, Ind.  
 Arlington Mfg. Co., Canton, O.  
 Barrett Co., 17 Battery pl, New York  
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.

**BINSWANGER B. & CO.** (M. P. Coating), 827 N 3d, Phila., Pa.  
 Canfield Oil Co., Cleveland, O.  
 Chatfield Mfg. Co. ("Carbo" Black Enamel), 74 Lebanon, Carthage, Cincinnati, O.

Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
 Detroit Graphite Co., Detroit, Mich.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
 Dielectric Mfg. Co. ("W. D. Paint"), 224 S Vandeventer av, St. Louis, Mo.

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*  
 Durabla Mfg. Co. ("Cosmos"), 114 Liberty New York  
 Duristo Paint Co. ("Duristo"), Newport News, Va.

Elaterite Paint & Mfg. Co. ("Des Moines Elaterite"), Des Moines, Ia.  
 Forest City Paint & Varnish Co., Cleveland, O.

Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.  
 French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.

Gardiner Paint Co., 25 W B'way, New York  
 Gelien & Co., 120 Liberty, New York  
 Glidden Varnish Co., 1755 W Madison, Cleveland, O.

Great Lakes Refining Co. ("Jet Black"), Cleveland, O.

Hascall Paint Co., W 70th, Cleveland, O.  
 Hetzel J. G., 67 Main, Newark, N. J.  
 Hydro Damp-Proofing & Engineering Co., Pittsburgh, Pa.

Jones Paint Co., Rome, N. Y.  
 Lino Paint Co., 16908 Waterloo rd, Cleveland, O.

Lowe Bros. Co., Dayton, O.  
 Lucas John & Co., 322 Race, Phila., Pa.  
 Monarch Paint Co., W 70th, Cleveland, O.  
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.

Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Prince Mfg. Co. (Double Label Mineral Brown), 165 B'way, New York  
 Rinald Bros. ("Bessemmer"), 1142 N Hancock, Phila., Pa.  
 Sherwin-Williams Co., Cleveland, O.  
 Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
 United States Graphite Co., Saginaw, Mich.  
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.  
 Wadsworth, Howland & Co., 141 Federal, Boston, Mass.  
 Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

### 10567—Paints (Sheep)

Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.  
 St. Paul White Lead & Oil Co. ("Lion" for Sheep Branding), Water & Starkey, St. Paul, Minn.

### Paints (Shingle)

See Shingle Stains

### 10568—\*Paints (Silica Graphite)

**DIXON JOSEPH CRUCIBLE CO.** ("Dixon's"), Jersey City, N. J.  
*See adv index at end of book*

### Paints (Smokestack)

See Paints for Coating & Preserving Iron & Steel, also Fire Resisting; also Rust Proof

### 10569—\*Paints (Standpipe)

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*

### 10570—Paints (Steam-Proof)

Arlington Mfg. Co., Canton, Ohio  
 Barrett Co., 17 Battery pl, New York  
 Buckeye Paint & Varnish Co., Toledo, O.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York

Forest City Paint & Varnish Co., Cleveland, O.  
 French Samuel H. & Co., 4th & Callowhill, Philadelphia, Pa.

Jones Paint Co., Rome, N. Y.  
 Lowe Bros. Co., Dayton, O.  
 Lucas John & Co., 322 Race, Phila., Pa.  
 Minwax Co. ("Minwax"), 18 E 41st, New York

Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Pyramid Paint Co. ("Kant-Korod"), 133 N 22d, Phila., Pa.

Riesenman Mfg. Co. (Ltd.), Franklin, Pa.  
 Rinald Bros., 1142 N Hancock, Philadelphia, Pa.

Skinner Douglas Paint Co., Kansas City, Mo.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

Star Lubricating Oil Co., 8714 B'way, Cleveland, O.  
 Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.

Toch Bros. (Est. 1848), ("R. I. W."), 320 5th av, New York

Tropical Oil Co. ("Elastokote"), W 70th, Cleveland, O.

Trus-Con Laboratories, Detroit, Mich.  
 United States Graphite Co., Saginaw, Mich.  
 Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

Zibell Damp Resisting Paint Co., 273 Water, New York

### 10571—\*Paints (Steel Car Coating)

See also Paints for Coating & Preserving Iron & Steel

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*

### 10572—Paints (Teredo-Proof)

See also Wood Preservatives

Arlington Mfg. Co., ("Creolite"), Canton, O.  
 Teredo-Proof Paint Co. (For Preserving Piles, Ties & Timber, etc), Produce Exchange, New York



**10573-4—\*Paints (Trolley Pole)**

See also Paints for Coating & Preserving Iron & Steel

**BINSWANGER B. & CO.,** 827 N Third, Phila., Pa.

**DIXON JOSEPH CRUCIBLE CO.,** Jersey City, N. J. *See adv index at end of book*

**10575— \*Palettes**

**Estes E. B. & Sons,** 358 5th av, New York *See adv index at end of book*

**10576— Pallets (Brick)**

**American Pulley Co.,** 4200 Wissahickon av, Phila., Pa.

**BARTLETT C. O. & SNOW CO.,** French st, Cleveland, O. *See adv index at end of book*

**Fouts C. C. Co.,** 650 Woodlawn av, Middletown, O.

**Lakewood Engineering Co.,** Cleveland, O. *See adv index at end of book*

**Mershon Eddy Parker Co. (Wood),** Saginaw, Mich.

**Ohio Galvanizing & Mfg. Co. (Steel),** Niles, O.

**Union Spring & Mfg. Co. (Pressed Steel),** New Kensington, Pa.

**10577— Pallets (Lettering)**

**Hickok W. O. Mfg. Co.,** Harrisburg, Pa.

**10578— Palms (Sailors')**

**Montauk Leather Specialty Co.,** 149 N 1st, Brooklyn, N. Y.

**Stevens Walter B. & Son,** 107 Chambers, New York

**Union Hardware Co.,** Torrington, Conn.

**10578a— \*Panels (Furniture)**

**ESTES E. B. & SONS,** 358 5th av, New York *See adv index at end of book*

**10579— Panels (Protective)**

**ELECTRIC CONTROLLER & MFG. CO.,** Cleveland, O. *See adv index at end of book*

**10579a—\*Panels (Pyrograph)**

**Estes E. B. & Sons,** 358 5th av, New York *See adv index at end of book*

**10580— Panels (Rheostat)**

**GENERAL ELECTRIC CO.,** Schenectady, N. Y. *See adv index at end of book*

**10581— Panels (Veneer)**

**Conway Veneered Door & Mantel Co.,** 2019 St. Paul, Milwaukee, Wis.

**Crandall Panel Co.,** Brockton, N. Y.

**Estes E. B. & Sons,** 358 5th av, New York *See adv index at end of book*

**Jamestown Panel Co.,** Jamestown, N. Y.

**Keyes Products Co. ("Nevaslip" Headlinings, Wainscoting, Sheathing, Freight Car Roofs, etc),** 120 B'way, New York

**Morgan Co. (Built Up),** Oshkosh, Wis.

**Portland Mfg. Co.,** ft Richmond, Portland, Ore.

**10582— Pans (Acid)**

**Badger E. B. & Sons Co.,** 75 Pitts, Boston, Mass.

**Manitowoc Engineering Works,** Manitowoc, Wis.

**Moore Samuel L. & Sons,** Elizabeth, N. J.

**Pans (Amalgamating)**

*See Amalgamating Pans & Barrels*

**10583— Pans (Annealing)**

**Cleveland Wire Spring Co.,** Cleveland, O.

**Columbiana Boiler Co.,** Columbiana, Ohio

**DOVER BOILER WORKS,** Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

**Garwood Bronze & Iron Works,** Garwood, N. J.

**Hammond Iron Works,** Warren, Pa. *See adv index at end of book*

**Koven L. O. & Bro.,** 154 Ogden av, Jersey City, N. J.

**Littleford Bros.,** 444 E Pearl, Cincinnati, O.

**OHIO MFG. CO.,** P. O. Box 358, Painesville, O. *See adv index at end of book*

**Manitowoc Engineering Works,** Manitowoc, Wis.

**Philadelphia Roll & Machine Co. (Steel),** 23d & Washington av, Phila., Pa.

**10584—Pans (Automobile Dust)**

**Michigan Stamping Co.,** Detroit, Mich.

**Mullins W. H. Co.,** 341 Franklin, Salem, Ohio

**10585— Pans (Bed, Rubber)**

**Parker-Stearns & Co. ("Alpha"),** 286 Sheffield av, Brooklyn, N. Y.

**Tyer Rubber Co. ("Tyrian"),** Andover, Mass.

**10586-7— Pans (Bread)**

**Central Stamping Co. ("Puritan"),** 172 Fulton, New York

**Gem Stamped Steel Co. (Deep Drop Side),** Chelsea, Mass.

**Katzinger Edward Co. (Sanitary Strapped),** 122 N Peoria, Chicago, Ill.

**Lalance & Grosjean Mfg. Co. (Enameled Iron, Tin, etc),** 299 B'way, New York

**Maag August Co.,** 509 W Lombard, Baltimore, Md.

**National Enameling & Stamping Co.,** 411 5th av, New York

**10588— Pans (Cast Iron)**

**Devine J. P. Co.,** Buffalo, N. Y.

**United States Cast Iron Pipe & Foundry Co.,** Burlington, N. J.

**10589— Pans (Cement)**

**Honhorst Joseph Co.,** 1016 W 6th, Cincinnati, O.

**10590— Pans (Chemical)**

**American Welding Co. (Crystallizing, etc),** Carbondale, Pa.

**Bethlehem Foundry & Machine Co.,** South Bethlehem, Pa.

**Duriron Castings Co. ("Duriron" Acid Proof),** 90 West, New York

**McCabe Boiler Works,** 195 Commerce, Newark, N. J.

**Manitowoc Engineering Works,** Manitowoc, Wis.

**Marshall Foundry Co.,** Pittsburgh, Pa.

**10591— Pans (Clean-Up)**

**KENNEDY VAN SAUN MFG. & ENG. CORP.,** 120 Broadway, New York

*See adv index at end of book*

**10591a—\*Pans (Concentrating)**

**Buffalo Foundry & Machine Co. (Sulphuric Acid),** 65 Winchester av, Buffalo, N. Y.

*See adv index at end of book*

**10591b— \*Pans (Copper)**

**GERDES & CO.,** 42 Church, New York

*See adv index at end of book*

**10592— Pans (Drip)**

**Aldrich Mfg. Co. (Copper),** Buffalo, N. Y.

**Allsteelquip Co.,** Aurora, Ill.

**Bernstein Mfg. Co.,** 3d & Westmoreland, Phila., Pa.

**Briscoe Mfg. Co.,** Detroit, Mich.

**Central Stamping Co.,** 174 Fulton, New York

**Dover Stamping & Mfg. Co.,** Cambridge, Mass.

**Graver Wm. Tank Works (Jaeketed Steam, Salt),** East Chicago, Ind.

**Hall Mfg. Co.,** Harrison, N. J.

**Hayes Mfg. Co.,** Detroit, Mich.

**Hibbs E. A.,** Bread & Quarry, Phila., Pa.

**King Stove & Range Co.,** Sheffield, Ala.

**Koven L. O. & Bro.,** 154 Ogden av, Jersey City, N. J.

**Kraft A. C.,** 323 W Lake, Chicago, Ill.

**Lyon Metallic Mfg. Co. ("Lyon" Steel),** Aurora, Ill. *See adv index at end of book*

**National Enameling & Stamping Co.,** 411 5th av, New York

**New Britain Machine Co. ("New Britain"),** 190 Chestnut, New Britain, Conn.

**Ohio Mfg. Co. (Steel),** P. O. Box 358, Painesville, O.

*See adv index at end of book*

**Phillips & Buttorff Mfg. Co.,** Nashville, Tenn.

**Ray Geo. A. Mfg. Co.,** Buffalo, N. Y.

**Scott Roofing & Mfg. Co.,** 408 Culvert, Cincinnati, O.

**Sexton Can Co. ("Sexton's" Auto Safety),** 228 Franklin, Boston, Mass.

**Tippett & Wood,** Phillipsburg, N. J.

**U. S. Stamping Co.,** Moundsville, W. Va.

**Whitaker-Glessner Co. (Wheeling Corrugating Dept.),** Wheeling, W. Va.

**10593-4—Pans (Drip, Automobile)**

**Cleveland Wire Spring Co.,** Cleveland, O.

**Sayre Stamping Co. (Aluminum),** Sayre, Pa.

**10595— Pans (Dry)**

**ALLIS-CHALMERS MFG. CO.,** Milwaukee, Wis. *See adv index at end of book*

**American Clay Machinery Co.,** S Walnut, Bucyrus, O.

**Anderson Foundry & Machine Works,** Anderson, Ind.

**Bonnot Co.,** Canton, Ohio

**Chambers Bros. Co.,** 52d, below Lancaster av, Phila., Pa.

**Chisholm, Boyd & White Co. ("Boyd"),** 57th & Wallace, Chicago, Ill.

**Clearfield Machine Shops,** Clearfield, Pa.

**Eagle Iron Works ("Eagle"),** Des Moines, Ia.

**Erie Forge Co. (Shafts),** Erie, Pa.

**Fate J. D. Co.,** Plymouth, O.

**Fernholtz Brick Machinery Co. ("Eagle"),** Boyle & Vandevent av, St. Louis, Mo.

**Frost Mfg. Co.,** Galesburg, Ill.

**International Clay Machy. Co.,** Dayton, O.

**Jackson & Church Co.,** Saginaw, Mich.

**Patterson Foundry & Mach. Co.,** East Liverpool, O.

**Pennsylvania Crusher Co.,** Stephen Girard bldg, Phila., Pa.

**Phillips & McLaren,** 24th & Smallman, Pittsburgh, Pa.

**Stevenson Co.,** Wellsville, O.

**Taplin-Rice-Clerkin Co.,** Akron, O.

**Turner, Vaughn & Taylor Co. (Clay Grinding),** Cuyahoga Falls, O.

**United Iron Works Co.,** Springfield, Mo.

**Worthington Pump & Machy. Corp.,** 115 B'way, New York

**10595a— Pans (Drying)**

**TREADWELL CONSTRUCTION CO.,** Midland, Pa.

*See adv index at end of book*

**10596— Pans (Dust)**

**AMERICAN CAN CO.,** 120 Broadway, New York

*See adv index at end of book*

**Atlantic Stamping Co.,** 156-180 Ames, Rochester, N. Y.

**Brown Stamping Co.,** Toledo, O.

**Central Stamping Co. (Steel Edge),** 174 Fulton, New York

**Delphos Mfg. Co. ("Delphos" Long Handle),** 1st & Pierce, Delphos, O.

**Dover Stamping & Mfg. Co.,** Cambridge, Mass.

**Eclipse Company,** North Girard, Pa.

**Foster Sheet Metal Co.,** Springfield, Ill.

**Fries Geo. Sons,** 222 S Front, Phila., Pa.

**GEUDER, PAESCHKE & FREY CO.,** Milwaukee, Wis. *See adv index at end of book*

**Knapp Mfg. Co.,** 48 Warren, New York

**Lalance & Grosjean Mfg. Co.,** 299 B'way, New York

**Lawrence Stamping Co.,** Toledo, O.

**National Enameling & Stamping Co.,** 411 5th av, New York

**Sloan Novelty Mfg. Co. (Long Handle),** S W cor 20th & Wyandotte, Kansas City, Mo.

**Utility Mfg. Co.,** Sturgis, Mich.

**10597— Pans (Evaporating)**

*See also Evaporators; also Stoneware, Chemical*

**Bethlehem Foundry & Machine Co. (Cast Iron),** South Bethlehem, Pa.

**BUFFALO FOUNDRY & MACHINE CO.,** 65 Winchester av, Buffalo, N. Y.

*See adv index at end of book*

**Diller, Caskey & Keen (For Greenhouses),** 6th & Berks, Phila., Pa.

**Duriron Castings Co. ("Duriron," Acid Proof),** 90 West, New York

**Gerdes & Co.,** 42 Church, New York

*See adv index at end of book*

**Hammond Iron Works,** Warren, Pa.

*See adv index at end of book*

**Marshall Foundry Co.,** Pittsburgh, Pa.

**Southern Plow Co. ("Cook's"),** Columbus, Ga.

**Stuart & Peterson Co.,** Burlington, N. J.

**Townsend Foundry & Machine Shop Co. (Cast Iron, for Chemical Mfrs. etc),** Broadway & Rensselaer, Albany, N. Y.

*See adv index at end of book*



**10598— Pans (Fry)**

Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.  
 Cassidy Fairbank Mfg. Co. (Double Folding, Aluminum or Steel), 6126 S La Salle, Chicago, Ill.  
 Central Stamping Co. ("Sterling" Enamelled Ware, etc.), 174 Fulton, New York  
 Griswold Mfg. Co. ("Griswold," Aluminum), Erie, Pa.  
 Lalance & Grosjean Mfg. Co., 299 B'way, New York  
 National Aluminum Works, Elmira, N. Y.  
 National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York  
 New England Enameling Co. ("Wont-Burn" Enamelled Steel), Middletown, Conn.  
 New York Stamping Co. ("Acme," "Empire," "Brooklyn" Steel, Cold Handle), N 11th & Berry, Brooklyn, N. Y.  
 Northwestern Stamping Co. ("Hudson's," Double), Burlington, Ia.  
 Porcelain Enameling Ass'n of America ("Polar Brand," Enamelled), Sheboygan, Wis.  
 Ray Geo. A. Mfg. Co. (Heavy Copper, etc), Buffalo, N. Y.  
 Republic Metalware Co. (The), Buffalo, N. Y.  
 Royal Mfg. Co. ("Royal Corfe"), 406 Commerce, Phila., Pa.  
 Silver & Co., 304 Hewes, Brooklyn, N. Y.  
 Standard Aluminum Co. (Aluminum), Two Rivers, Wis.  
 Strong Mfg. Co., Sebring, O.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

**10599-600—Pans (Galvanizing)**

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

**10601— Pans (Gem)**

Indiana Hollow Ware Co. (Cast Iron), Jeffersonville, Ind.

**10602— Pans (Gravel)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Hibbs E. A., Bread & Quarry, Phila., Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

**Pans (Grinding)**

See Pans, Dry; also Pans, Wet

**10603— Pans (Lathe)**

See also Pans, Drip

Allsteelequip Co., Aurora, Ill.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Clark W. J. Co., Salem, O.  
 Cleveland Wire Spring Co. (Sheet Steel), Cleveland, O.  
 Hydraulic Pressed Steel Co. (Pressed Steel), Cleveland, O.  
 Kilburne & Jacobs Mfg. Co. (Welded Corners), Columbus, O.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
 Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.  
 New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.  
**OHIO MFG. CO.** (Steel), P. O. Box 358, Painesville, O. *See adv index at end of book*

**10604— Pans (Lead)**

Heggie James G. & Sons (Pressed Steel), Joliet, Ill.  
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.  
 Philadelphia Roll & Machine Co. (Annealing), 23d & Washington av, Phila., Pa.

**10604a— \*Pans (Pressure)**

**ZAREMBA CO.**, 710 Morgan bldg, Buffalo, N. Y. *See adv index at end of book*

**10605— Pans (Refrigerator)**

Atlantic Stamping Co. ("Atlantic" Galvanized Iron), 156-180 Ames, Rochester, N. Y.  
 Central Stamping Co. ("Puritan"), 174 Fulton, New York  
 Gem Stamped Steel Co., Chelsea, Mass.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Peoria Can Co., Peoria, Ill.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

**10606—Pans (Roasting & Baking)**

Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

**10607— Pans (Salt)**

Bethlehem Fdry. & Machine Co., South Bethlehem, Pa.  
 Rapid Evaporating Co., Detroit, Mich.

**10608— Pans (Shop)**

Allsteelequip Co., Aurora, Ill.  
 American Bridge Co., 30 Church, New York  
 Bernstein Mfg. Co., 3rd & Westmoreland, Phila., Pa.  
 Clark W. J. Co. (Steel), Salem, O.  
 Cleveland Wire Spring Co. (Sheet Steel), Cleveland, O.  
 Kilbourne & Jacobs Mfg. Co. (Pressed Steel), Columbus, O.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
 New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.  
**OHIO MFG. CO.**, P. O. Box 358, Painesville, O. *See adv index at end of book*  
 Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

**10609—Pans (Steam Revolving)**

Holmberg Chas. & Co., 1439 Austin av, Chicago, Ill.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

**10609a— \*Pans (Steel Mortar)**

**JACKSON MFG. CO.**, Harrisburg, Pa. *See adv index at end of book*

**10610—Pans (Sugar Coating)**

Colton Arthur Co. (Revolving), Jefferson & Chene, Detroit, Mich.

**10611—Pans (Sugar Cooling)**

Blymyer Iron Works, Cincinnati, O.  
 Kilbourne & Jacobs Mfg. Co. (For Refiners), Columbus, O.

**10612— Pans (Sweating)**

Hammond Iron Works, Warren, Pa. *See adv index at end of book*

**10613—\*Pans (Taper, Steel)**

**OHIO MFG. CO.**, P. O. Box, 358, Painesville, O. *See adv index at end of book*

**10614— Pans (Vacuum)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 American Copper & Brass Works, Cincinnati, O.  
 Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.  
 Baeuerle & Morris (For the Evaporation of Grain or Paste, etc), 932 N Front, Phila., Pa.  
 Bartlett-Hayward Co., Scott & McHenry, Baltimore, Md.  
 Birmingham Machine & Foundry Co., Birmingham, Ala.  
 Blymyer Iron Works Co., Cincinnati, O.  
 Boston Copper Works Co., E Boston, Mass.  
 Brecht Co. (Steam Jacketed), 1201 Cass av, St. Louis, Mo.  
 Bucyrus Copper Kettle Works (Copper), Bucyrus, O.  
 Coldwell-Wilcox Co., Newburgh, N. Y.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Deeley Robt. & Co., 29 B'way, New York  
 Dopp H. W. Co., Buffalo, N. Y.  
 Over Co., Cleveland, O.  
**ELYRIA ENAMELED PRODUCTS CO.** (Glass Enamelled), Elyria, O. *See adv index at end of book*

Flynn W. S., 76 Hudson, Jersey City, N. J.  
 Gerdes & Co., 42 Church, New York

*See adv index at end of book*

Guild & Garrison, 457 Kent av, Brooklyn, N. Y.

Harris Arthur & Co., 212 N Curtis, Chicago, Ill.

Hoffman-Ahlers Co., 828 E Pearl, Cinn., O.  
 Holmberg Chas. & Co. (Confectioners, etc), 1439 Austin av, Chicago, Ill.

Joubert & Goslin Mach. & Fdry. Co., Birmingham, Ala.

Kilby Mfg. Co. (Cast Iron & Steel), Cleveland, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Krajewski-Pesant Corp., 54 Beard, Brooklyn, N. Y.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich. *See adv index at end of book*

Manistee Iron Works Co. (For Salt), Manistee, Mich.

Manitowoc Engineering Works, Manitowoc, Wis.

Marshall Foundry Co., Pittsburgh, Pa.  
 Murphy John H., 643 Magazine, New Orleans, La.

Oat Jos. & Sons, 232 Quarry, Phila., Pa.  
 Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.

Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

Rapid Evaporating Co., Detroit, Mich.

Sowers Mfg. Co., Buffalo, N. Y.

Sperry D. R. & Co. ("Sperry" Swing Kettle), Batavia, Ill.

Squier Geo. L. Mfg. Co., Buffalo, N. Y.  
 Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.

**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler"), Carteret, N. J. *See adv index at end of book*

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

**ZAREMBA CO.**, 710 Morgan bldg, Buffalo, N. Y. *See adv index at end of book*

**10615— Pans (Wax)**

Hammond Iron Works, Warren, Pa. *See adv index at end of book*

**10616— Pans (Weigh)**

United Iron Works Co., Springfield, Mo.

**10617— Pans (Wet)**

Clearfield Machine Shops, Clearfield, Pa.  
 Frost Mfg. Co. ("Frost"), Galesburg, Ill.  
 Jackson & Church Co., Saginaw, Mich.  
 Pennsylvania Crusher Co., Stephen Girard bldg., Phila., Pa.  
 Phillips & McLaren, Pittsburgh, Pa.  
 Portsmouth Engine Co. (Self-Dumping), Portsmouth, O.  
 United Iron Works Co., Springfield, Mo.  
 Worthington Pump & Machinery Corp., 115 B'way, New York

**10618— Pantographs**

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Ashcroft Mfg. Co., 119 W 40th, New York  
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.  
 Keuffel & Esser, Hoboken, N. J.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.

**10619—Pantry Windows (Revolving)**

Van Kannel Revolving Door Co., 250 W 54th, New York

**10620— Paper (Absorbent)**

Eaton-Dikeman Co. (All Grades), Lee, Mass.  
 Funke Ferdinand Sons, Evansville, Ind.  
 Munroe Falls Paper Co., Masillon, O.

**10621— Paper (Anti-Rust)**

Berlin Mills Co., Portland, Me.  
 Fox Paper Co., Lockland, O.  
 Robertson C. M. Co., Montville, Conn.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N. W. Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y. *See adv index at end of book*



**10622—Paper (Anti-Tarnish)**

Adams Paper Co., Wells River, Vt.  
Anchor Paper Co., Windsor Locks, Conn.  
Berlin Mills Co., Portland, Me.  
Fox Paper Co., Lockland, O.  
Greene Paper Co., 5014 Market, Phila., Pa.  
Mohawk Valley Paper Co., Little Falls N.Y.  
Sorg Paul A. Paper Co., Middletown, O.  
Whittlesey F. H. Co. (Tissue), Windsor Locks, Conn.

**10623—Paper (Bag)**

Berlin Mills Co., Portland, Me.  
Cheboygan Paper Co., Cheboygan, Mich.  
Cleveland-Akron Bag Co., Cleveland, O.  
Crown Willamette Paper Co., San Francisco, Cal.  
Cushnoc Paper Co., Augusta, Me.  
DeGrasse Paper Co., Pyrites, N. Y.  
Dexter Sulphite Pulp & Paper Co. Dexter, N. Y.  
Eddy Paper Co., Three Rivers, Mich.  
E-Z Opener Bag Co., Taylorville, Ill.  
Fletcher Paper Co., Alpena, Mich.  
Hartford City Paper Co. (Greaseproof & Glassine), Hartford City, Ind.  
Henry Paper Co., The, Lincoln, N. H.  
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.  
Howland Pulp & Paper Co. Howland, Me.  
International Paper Co., 30 Broad, New York  
Island Paper Co., Carthage, N. Y.  
Jaite Co. Boston, O.  
Lake Champlain Pulp & Paper Co., Plattsburgh, N. Y.  
McDowell Paper Mills, Main & Levering, Phila., Pa.  
Marseilles Wrapping Paper Co., Marseilles, Ill.  
Michigan Bag & Paper Co., Jackson, Mich.  
New York & Pennsylvania Co., 200 5th av, New York  
Raquette River Paper Co., Potsdam, N. Y.  
Rogers J. & J. Co., Ausable Forks, N. Y.  
Victoria Paper Mills Co., Fulton, N. Y.  
Volney Paper Co., Fulton, N. Y.  
Yellow Pine Paper Mill Co., Orange, Tex.

**10624—Paper (Bank Note)**

Brown L. L. Paper Co., Adams, Mass.  
Crane & Co., Dalton, Mass.

**10625—Paper (Bankers' Safety)**

La Monte Geo. & Son ("National," "Bankers' Safety," "Safety Check"), 61 B'way, New York

**10626—Paper (Bible)**

Bardeen Paper Co., Otsego, Mich.  
Kimberly-Clark Co., Neenah, Wis.  
Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.

**10627—Paper (Black)**

Berlin Mills Co., Portland, Me.  
Hampton Paper Co., Northampton, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
Schmidt & Ault Paper Co., York, Pa.

**10628—Paper (Black Coated)**

General Roofing Mfg. Co. (Waterproof), 17th & Southern Ry, E St. Louis, Ill.  
Watson H. F. Co. (Waterproof), Erie, Pa.

**10629—Paper (Blasting)**

Atlas Paper Co., Indianapolis, Ind.  
Berlin Mills Co., Portland, Me.  
Bloomsburg Paper Co. (Waterproof), Lightstreet, Pa.  
Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.  
Fleming John G. & Son, Dallas, Texas  
Graham Paper Co., St. Louis, Mo.  
Herrlinger Paper Co., 211 Main, Cincinnati, O.  
Megargee Bros. (Waterproof) Scranton, Pa  
National Paper Mills & Filler Co., W 43d & S Racine av, Chicago, Ill.  
Paper Mfrs. Co. (Jobbers), 526 Cherry, Phila., Pa.  
Queen City Paper Co., 515 Eggleston av, Cincinnati, O.

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 533 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Weston Paper & Mfg. Co., Dayton, O.

**10630—Paper (Blotting)**

Albemarle Paper Mfg. Co. ("World," "Hollywood," "Reliance," "Vienna Moire," "Directoire"), Richmond, Va.  
Bardeen Paper Co. (Interleaving), Otsego, Mich.  
Crocker, Burbank & Co., Fitchburg, Mass.  
District of Columbia Paper Mfg. Co., 3255 K. N. W., Washington, D. C.  
Eaton-Dikeman Co. ("Arlington," "Mag-net," "Columbian," "Lenox"), Lee, Mass.  
Gilbert Frank Paper Co., Waterford, N. Y.  
Hampden Glazed Paper & Card Co., (Enameled & Glazed), Holyoke, Mass.  
**HEWITT C. B. & BROS.** (Jobbers), 49 Beekman, New York  
*See adv index at end of book*  
Parker Jos. & Son Co. ("Treasury," "Commercial," "Capitol"), New Haven, Conn.  
Richmond Paper Mfg. Co. ("Climax," "Star" & Enameled), Richmond, Va.  
Standard Paper Mfg. Co. ("Sterling," "Imperial" & "Standard" Plain; "Royal Worcester" & "Defender" Enameled; "Curi-Curl," "Prismatic" & "Banker's Linen Finish" Embossed), Hull & Canal, Richmond, Va.  
*See adv index at end of book*  
Vinton W. H. & Son, Brattleboro, Vt.  
Wrenn Paper Co. ("Wrenn's Best," "Wrenn's Record," "Mosaic," "Miami," "Antlers," also "Porcelain" & "Competition" Enameled), Middletown, Ohio

## BLOTTING, ABSORBENT and Matrix Papers

**Standard Paper Mfg. Co.**  
Richmond, Va.

*Largest Exclusive Manufacturers*

**10631—Paper (Blue Print) Mfrs.**

Brown L. L. Paper Co. (Linen Ledger), Adams, Mass.  
**NEW YORK BLUE PRINT PAPER CO.** ("Gold Seal," "Superior," also Brown), 102 Reade, New York  
Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

**10632—Paper (Bogus)**

Andrews John T. & Co., Penn Yan, N. Y.  
Harvey Paper Co., Wellsburg, W. Va.  
Hinde & Dauch Paper Co., Sandusky, O.  
Humphrey & Young, Napanoch, N. Y.  
Lawless Paper Co., Rochester, N. Y.  
Richmond Robert P., Valatie, N. Y.  
Robertson C. M. Co., Montville, Conn.  
Schmidt & Ault Paper Co., York, Pa.  
Van de Carr Paper Co., Stockport, N. Y.

**10633—Paper (Bond)**

Aetna Paper Co., Dayton, O.  
American Writing Paper Co., Holyoke, Mass.  
Beckett Paper Co., Hamilton, O.  
**BERLIN MILLS CO.** ("Nibroco"), Portland, Me.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Brown L. L. Paper Co., Adams, Mass.  
Bryant Paper Co., Kalamazoo, Mich.  
Carew Mfg. Co., South Hadley Falls, Mass.  
Chapin & Gould Paper Co., Springfield, Mass.  
Chemical Paper Mfg. Co., Holyoke, Mass.  
Crane & Co., Dalton, Mass.  
Crocker-McElwain Co., Holyoke, Mass.  
District of Columbia Paper Mfg. Co., 3255 K. N. W., Washington, D. C.  
East Hartford Mfg. Co., Burnside, Conn.  
Eastern Mfg. Co., Bangor, Me.  
Esleek Mfg. Co. (Light Weight, Loft Dried), Turners Falls, Mass.  
Everett Pulp & Paper Co., Everett, Wash.  
Fox River Paper Co., Appleton, Wis.  
Gilbert Paper Co., Menasha, Wis.  
Hammermill Paper Co., Erie, Pa.  
Hampshire Paper Co., South Hadley Falls, Mass.

Kalamazoo Paper Co., Kalamazoo, Mich.  
Keith Paper Co., Turners Falls, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
Lee Paper Co. (Loft Dried), Vicksburg, Mich.  
Marathon Paper Mills Co., Rothchild, Wis.  
Millers Falls Paper Co., Millers Falls, Mass.  
Mountain Mill Paper Co., Lee, Mass.  
Munising Paper Co., Munising, Mich.  
Neenah Paper Co., Neenah, Wis.  
Oglesby W. B. Paper Co. ("Corduroy"), Middletown, O.  
Parsons Paper Co., Holyoke, Mass.  
Peninsular Paper Co., Ypsilanti, Mich.  
Rising B. D. Paper Co. ("Housatonic," "Barrington" & "Danish"), Housatonic, Mass.  
Riverside Fibre & Paper Co., Appleton, Wis.  
Southworth Co., Mittineague, Mass.  
Strathmore Paper Co., Mittineague, Mass.  
Taylor-Atkins Paper Co., Burnside, Conn.  
Taylor-Logan Co. ("Public Service"), Holyoke, Mass.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 533 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
Valley Paper Co., Holyoke, Mass.  
Weston Byron Co. ("B. W. Defiance"), Dalton, Mass.  
Whiting Paper Co., Holyoke, Mass.  
Whiting-Plover Paper Co., Stevens Point, Wis.  
Worthy Paper Co. Assn., Mittineague, Mass.  
Wroe W. E. & Co. (Construction Bond, Special Water Marks for the Trade), 208 E Ill., Chicago, Ill.

**10634—Paper (Book)**

Advertisers Paper Mill, Holyoke, Mass.  
Alexandria Paper Co., Alexandria, Ind.  
American Writing Paper Co., Holyoke, Mass.  
Amoskeag Paper Mill Co., Manchester, N. H.  
Antietam Paper Co., Hagerstown, Md.  
Bardeen Paper Co., Otsego, Mich.  
Bare D. M. Paper Co., Roaring Spring, Pa.  
Barnes Paper Mills, Rochester, Mich.  
Bergstrom Paper Co. (Machine Finished & Super Calendered), Neenah, Wis.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Bryant Paper Co. (Super & Machine Finish), Kalamazoo, Mich.  
Bulkley, Dunton & Co., 75 Duane, New York  
Cantine Martin Co., Saugerties, N. Y.  
Champion Coated Paper Co., Hamilton, O.  
Champion International Co. (Enameled), Lawrence, Mass.  
Cleveland Paper Mfg. Co., Cleveland, O.  
Contoocook Valley Paper Co., West Henninger, N. H.  
Crocker, Burbank & Co., Fitchburg, Mass.  
Curtis & Bro. (Rag), Newark, Del.  
Dill & Collins Co., 140 N 6th, Phila., Pa.  
District of Columbia Paper Mfg. Co. (All Rag Deckle Edge), 3255 K N W, Washington, D. C.  
Emerson Paper Co., Sunapee, N. H.  
Everett Pulp & Paper Co. (Machine Finished & Super Calendered), Everett, Wash.  
Fitchburg Paper Co., Fitchburg, Mass.  
French Paper Co., Niles, Mich.  
Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.  
Gilbert Frank Paper Co., Waterford, N. Y.  
Glatfelter P. H. Co., Spring Grove, Pa.  
Hamilton W. C. & Sons, Wm. Penn, Pa.  
Harmon Paper Co., Brownville, N. Y.  
Hartford Paper Co., Hartford, Conn.  
Holden Paper Co., Newburgh, N. Y.  
Jessup & Moore Paper Co., Commercial Trust bldg, Phila., Pa.  
Kalamazoo Paper Co., Kalamazoo, Mich.  
Kimberly-Clark Co., Neenah, Wis.  
King Paper Co., Kalamazoo, Mich.  
McDowell Paper Mills, Main & Levering, Phila., Pa.  
Mead Pulp & Paper Co., Dayton, O.  
Merrimac Paper Co. (Enameled), Lawrence, Mass.  
Miamisburg Paper Co., Miamisburg, O.  
Michigan Paper Co., Plainwell, Mich.  
Millers Falls Paper Co., Millers Falls, Mass.  
Monadnock Paper Mills, 201 Devonshire, Boston, Mass.  
Monarch Paper Co., Kalamazoo, Mich.  
Moorhouse R. T., 2655 Bridge, Phila., Pa.



Nashua River Paper Co., East Pepperell, Mass.  
 New York & Pennsylvania Co., 200 5th av, New York  
 Nixon Martin & Wm. H. Paper Co., 1011 Chestnut, Phila., Pa.  
 Otsego Coated Paper Co. (Coated), Otsego, Mich.  
 Oxford Paper Co., 200 Fifth av, New York  
 Patten Paper Co. (Ltd.), Appleton, Wis.  
 Peninsular Paper Co., Ypsilanti, Mich.  
 Poland Paper Co., Mechanic Falls, Me.  
 Reading Paper Mills, Reading, Pa.  
 Strathmore Paper Co., Mittineague, Mass.  
 Taylor-Logan Co., Holyoke, Mass.  
 Ticonderoga Pulp & Paper Co., 200 5th av, New York. Mills: Ticonderoga, N. Y.  
 Tileston & Hollingsworth Co., 49 Federal, Boston, Mass.  
 Tomahawk Pulp & Paper Co., Tomahawk, Wis.  
 Wanaque River Paper Co., Wanaque, N. J.  
 Warren S. D. & Co., 120 Franklin, Boston, Mass.  
 Watab Pulp & Paper Co., Sartell, Minn.  
 Watervliet Paper Co., Watervliet, Mich.  
 West Virginia Pulp & Paper Co., 200 5th av, New York  
 Wheelwright Geo. W. Paper Co., 95 Milk, Boston, Mass.  
 Whiting Geo. A. Paper Co., Menasha, Wis.

**10635—Paper (Box Covering)**

Boston Paper Mfg. Co., 15 Chardon, Boston, Mass.  
 Kimberly-Clark Co., Neenah, Wis.  
 Ryan J. D. Co. (Cigar), 735 Central av, Cleveland, O.  
 Tuttle Press Co., Appleton, Wis.  
 Walsh Paper Co., Cuyahoga Falls, O.

**10636-7—Paper (Box Makers')**

Hampden Glazed Paper & Card Co. (Glazed, Flinted & Embossed), Holyoke, Mass.  
 Peerless Paper Box Mfg. Co., 1137 W 6th, Cleveland, O.  
 Schmidt & Ault Paper Co. (Chip), York, Pa.

**10638—Paper (Butchers' Manila)**

Andrews John T. & Co., Penn Yan, N. Y.  
 Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Fleming John G. & Son, Dallas, Tex.  
 Fox Paper Co., Lockland, O.  
 Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.  
 Humphrey & Young, Napanoch, N. Y.  
 Kieffer Paper Co., Brownstown, Ind.  
 Lawless Paper Co., Rochester, N. Y.  
 Marcellus Paper Co. (Waterproof), Syracuse, N. Y.  
 Schmidt & Ault Paper Co., York, Pa.

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

**10639— Paper (Carbon)**

Allen Jno. Co., 17 Rose, New York  
 American Multigraph Sales Co., Cleveland, Ohio  
 American Ribbon & Carbon Co. ("Eagle," "Onion Skin"), Rochester, N. Y.  
 Apter Bros. Mfg. Co., 412 S 5th av, Chicago, Ill.  
 Ault & Wiborg Co., Cincinnati, O.  
 Black Diamond Ribbon & Carbon Co. ("Black Diamond"), Rochester, N. Y.  
 Brecher E. A. & Co. ("Peerless," "Unxld," "Merit"), 119 Lafayette, New York  
 Buckeye Ribbon & Carbon Co., Cleveland, Ohio  
 Carter's Ink Co. ("Ideal"), E Cambridge, Boston, Mass.  
 Columbia Ribbon & Carbon Mfg. Co. ("Columbia"), 69 Wooster, New York  
 Cooke Douglas H., 18 W 39th, New York  
 Corona Supply Co. ("Corona" & "Iroquois"), Rochester, N. Y.  
 Crown Ribbon & Carbon Mfg. Co. ("Crown," "Globe," "Pioneer"), Rochester, N. Y.  
 De Fi Mfg. Co. ("De-Fi," "Solite"), 150 Nassau, New York  
 Downes & Co. ("So-Klean"), 63 Wall, New York  
 Foyer Chas. A. & Co. ("Foyer"), 1120 Prospect av, Cleveland, O.  
 General Manifold & Printing Co., Franklin, Pa.

Heale J. A. & Co. ("H.-B," "Crystal," "Rival," "Export," "Special"), 96 John, New York  
 Imperial Mfg. Co. ("Non-Smut"), 297 Washington, Newark, N. J.  
 Indeliba Mfg. Co., Rochester, N. Y.  
 International Carbon Paper Co., 206 B'way, New York  
 Kee Lox Mfg. Co. ("Kee Lox"), Rochester, N. Y.  
 Kruse Printing Ink Co., 437 Pearl, New York  
 Lacona Co., 17 Rose, New York  
 Little A. P. ("Cobweb"), Rochester, N. Y.  
 Manifold Supplies Co. ("Panama"), 188 3d av, Brooklyn, N. Y.  
 Miller-Bryant-Pierce Co. ("Carnation," "Diamond," "Thin-O," "Clover," "Maple Leaf," "Aurora," "Special," "M. B. P."), Aurora, Ill.  
 Minford Ribbon & Carbon Co. ("Minford" & "Sea Bell"), 444 Pearl, New York  
 Mittag & Volgar ("Eureka"), Park Ridge, N. J.  
 National Ribbon & Carbon Co., 411 Frankfort av, Cleveland, O.  
 Neidich Process Co., Burlington, N. J.  
 Non-Smut Carbon Mfg. Co. ("Attorney," "Standard"), Rochester, N. Y.  
 Pen Carbon Manifold Co. ("Non-Flake Typewriter Carbon"), New Brunswick, N. J.  
 Republic-Dodge Mfg. Co. ("Du-Ra-Bul"), 188 3d av, Brooklyn, N. Y.  
 Rogers Manifold & Carbon Paper Co. ("Rogers"), 33 Sullivan, New York  
 Rothchild M. M., 711 S Dearborn, Chicago, Ill.  
 Smith Paper Co., Lee, Mass.  
 Snelling & Son, 225 34th, Brooklyn, N. Y.  
 Stafford S. S., 609 Washington, New York  
 Storms H. M. Co. ("American," "Triangle," "Smirchless"), 11 Vandewater, New York  
 Typeribbon Mfg. Co. ("Van-Sen"), 711 S Dearborn, Chicago, Ill.  
 Underwood Jno. & Co., 62 Park pl, New York  
**UNION PAPER & TWINE CO.** ("Unico"), 125 St. Clair av, N W, Cleveland, O., and 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
 Union Ribbon & Carbon Co. ("Apex," "Summit"), Front & Laurel, Phila., Pa.  
 United States Typewriter Ribbon Mfg. Co. ("U. S."), 124 So 8th, Phila., Pa.  
 Vacuo-Static Carbon Co. ("Smearless"), Rochester, N. Y.  
 Webster F. S. Co. ("Multe Kopy"), 340 Congregational, Boston, Mass.  
 Whitfield Carbon Paper Works ("Whitfield" Pencil & Typewriter), 33 Sullivan, New York

**10640—Paper (Carbon Tissue)**

Anchor Paper Co., Windsor Locks, Conn.  
 Diamond Mills Paper Co., 44 Murray, New York  
 Gandy Wm. H. (Estate), Lambertville, N. J.  
 Smith Paper Co., Lee, Mass.

**10641—Paper (Carborundum)**

Carborundum Co. (Garnet Paper & Cloth & Aloxite Cloth, Niagara Falls, N. Y.)

**10642— Paper (Cartridge)**

Berlin Mills Co., Portland, Me.  
 Bloomsburg Paper Co. (Waterproof), Lightstreet, Pa.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Everett Pulp & Paper Co., Everett, Wash.  
 Sorg Paul A. Paper Co., Middletown, O.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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**10643—Paper (Cash Register)**

Burnham Asa C., Camden, N. Y.  
 Hartford City Paper Co., Hartford City, Ind.  
 International Roll Paper Co., No. Manchester, Ind.  
 Kimberly-Clark Co., Neenah, Wis.  
 Perry Chas. E. Co., 183 Congress, Boston, Mass.  
 Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.  
 Standard Cash Register Co. (Autograph-ic), No. Manchester, Ind.

**10644—Paper (Cloth Lined)**

Cleveland-Akron Bag Co. (Poster), Cleveland, O.  
 Le Fevre Edward Y., Fallsburg, N. Y.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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**Paper (Coated)**

*See Paper, Surface, Coated*

**10645-6—Paper (Condenser)**

Smith Paper Co., Lee, Mass.

**Paper (Copying & Manifold)**

*See Railroad Stationery, Blanks, Manifestos; also Paper, Manifold; also Paper, Railroad Manifold; also Paper, Railroad, Copying*

**10647— Paper (Cork)**

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

**10648— Paper (Corrugated)**

Agar Mfg. Co., Bush Terminal, Brooklyn, N. Y.  
 Bicking S. Austin, East Downingtown, Pa.  
 Corrugated Paper Co., Norfolk, Va.  
 Detroit Corrugated Box & Board Co., 88 Isabella, Detroit, Mich.  
 Fenton Fibre Box Co., North Tonawanda, N. Y.  
 Fibre Package Co., 88 Isabella, Detroit, Mich.  
 Ft. Wayne Corrugated Paper Co., Ft. Wayne, Ind.  
 Gair Robert Co., Wash'n & Plymouth, Brooklyn, N. Y.  
 Grand Corrugated Paper Co., 30 Crosby, New York  
 Hinde & Dauch Paper Co., Sandusky, O.  
 Hunt-Crawford Co., Coshocton, O.  
 Illinois Glass Co., Alton, Ill.  
 Lawrence Paper Co. ("Jayhawk" Law-Double Face), 151 Spring, New York  
 Nivison-Weishopf Co., 318 Elm, Cincinnati, O.  
 Page Geo. G. Box Co., Cambridge, Mass.  
 Park Novelty Co., 25th & Loest, Phila., Pa.  
 Phillips Thos. Co., Akron, O.  
 Schmidt & Ault Paper Co., York, Pa.  
 Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.  
 Thompson & Norris Co., The, Concord & Prince, Brooklyn, N. Y.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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 Warner & Childs, Co., Medford, Mass.

**10649—Paper (Cotton Batting)**

Anchor Paper Co., Windsor Locks, Conn.  
 Robertson's Wm. Sons, Putney, Vt.

**10650— Paper (Cover)**

Advertisers Paper Mill, Holyoke, Mass.  
 American Writing Paper Co., Holyoke, Mass.  
 Bardeen Paper Co., Otsego, Mich.  
 Beckett Paper Co., Hamilton, O.  
 Bergstrom Paper Co., Neenah, Wis.  
 Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Case A. Willard Co., Manchester, Conn.  
 Chemical Paper Mfg. Co., Holyoke, Mass.  
 Curtis & Bro., Newark, Del.  
 Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
 Dexter C. H. & Sons ("Princess," "Unique," "Levant"), Windsor Locks, Conn.  
 District of Columbia Paper Mfg. Co. ("Potomac" Plain & Fancy Patterns), 3255 K N W, Washington, D. C.  
 Gilbert Frank Paper Co., Waterford, N. Y.  
 Hampden Glazed Paper & Card Co. ("Algonkin," "Kwasind," "Sunburnt"), Holyoke, Mass.  
 Keith Paper Co., Turner Falls, Mass.  
 Kimberly-Clark Co., Neenah, Wis.  
 Knowlton Bros., Watertown, N. Y.  
 McDowell Paper Mills, Main & Levering, Phila., Pa.  
 Marathon Paper Mills Co., Rothchild, Wis.  
 Millers Falls Paper Co., Millers Falls, Mass.



Monroe Bridge Paper Co., Monroe Bridge, Mass.  
 New York-New England Co., Holyoke, Mass.  
 New York & Pennsylvania Co., 200 5th av, New York  
 Niagara Paper Mills, Lockport, N. Y.  
 Peninsular Paper Co., Ypsilanti, Mich.  
 Pioneer Paper Co., Ballston Spa, N. Y.  
 Standard Paper Co., Kalamazoo, Mich.  
 Strathmore Paper Co., Mittineague, Mass.  
 Taylor Logan Co., Holyoke, Mass.  
 Worthy Paper Co. Assn. (Fancy & Deckle Edged), Mittineague, Mass.

#### 10651— Paper (Crepe)

American Novelty Paper Co., Saugerties, N. Y.  
 Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.  
 Dennison Mfg. Co., 26 Franklin, Boston, Mass.  
 Erving Mills, Erving, Mass.  
 Schmidt & Ault Paper Co. (Heavy), York, Pa.  
 Tuttle Press Co., Appleton, Wis.  
 United States Paper Mills, Chambersburg, Pa.

#### 10651a— Paper (Detail)

**HEWITT C. B. & BROS.** (Jobbers), 49 Beekman, New York  
*See adv index at end of book*

#### 10652— Paper (Document)

Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

#### 10653-4— Paper (Drawing)

American Writing Paper Co., Holyoke, Mass.  
 Bardeen Paper Co. (White & Grey), Otsego, Mich.  
 Bedford Pulp & Paper Co., Richmond, Va.  
 Bryant Paper Co., Kalamazoo, Mich.  
 Chemical Paper Mfg. Co. (Manila), Holyoke, Mass.  
 Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
 Kimberly-Clark Co., Neenah, Wis.  
 Mason-Perkins Paper Co., Bristol, N. H.  
 Schmidt & Ault Paper Co., York, Pa.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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#### Paper (Drawing, Tracing & Detail)

*See Tracing Cloth & Paper*

#### 10655-6— Paper (Drug)

Anchor Paper Co., Windsor Locks, Conn.  
 Bardeen Paper Co., Otsego, Mich.  
 Kimberly-Clark Co., Neenah, Wis.  
 McDowell Paper Mills, Main & Levering, Phila., Pa.  
 Wausau Paper Mills Co. (Bond), Brokaw, Wis.

#### Paper (Emery)

*See Paper, Flint, Sand & Emery*

#### 10657— Paper (Enameled)

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Bryant Paper Co. ("Radium," Enameled), Kalamazoo, Mich.  
 Cantine Martin Co., Saugerties, N. Y.  
 Riverview Coated Paper Co. (Book), Kalamazoo, Mich.

#### 10658— Paper (Envelope)

American Writing Paper Co., Holyoke, Mass.  
 Berlin Mills Co., Portland, Me.  
 Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Bryant Paper Co. (Rag & Wool), Kalamazoo, Mich.  
 Chemical Paper Mfg. Co., Holyoke, Mass.  
 Considine Norbert A., North American bldg, Phila., Pa.  
 Crocker-McElwaine Co., Holyoke, Mass.  
 Curtis & Bro., Newark, Del.

Cushnoc Paper Co. (Manila), Augusta, Me.  
 Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
 Eastern Mfg. Co., Bangor, Me.  
 Henry Paper Co., Lincoln, N. H.  
 Howard Paper Co., Urbana, O. (See Dayton)  
 Kalamazoo Paper Co., Kalamazoo, Mich.  
 Kimberly-Clark Co., Neenah, Wis.  
 King Paper Co., Kalamazoo, Mich.  
 Lee Paper Co., Vicksburg, Mich.  
 Merrimac Paper Co., Lawrence, Mass.  
 Miamisburg Paper Co., Miamisburg, O.  
 Monadnock Paper Mills, 201 Devonshire, Boston, Mass.  
 Moore & Thompson Paper Co., Bellows Falls, Vt.  
 N. Y. & Penn. Co., 200 Fifth av, New York  
 Orono Pulp & Paper Co. (Manila), Bangor, Me.  
 Racquette River Paper Co., Potsdam, N. Y.  
 Robertson Paper Co. (Manila), Bellows Falls, Vt.  
 Rogers J. & J. Co. (Manila), Au Sable Forks, N. Y.  
 Warren Mfg. Co. (Jute), 233 B'way, New York  
 Watervliet Paper Co., Watervliet, Mich.  
 West Va. Pulp & Paper Co., 200 5th av, New York

#### 10659— Paper (Express)

Bardeen Paper Co., Otsego, Mich.  
 Central Box Board Co., 43d & Racine av, Chicago, Ill. Works: Rock Falls, Ill.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Clinton Paper Co. (No. 2), Clinton, Iowa  
 Crown Willamette Paper Co., San Francisco, Cal.  
 Eureka Paper Co., Fulton, N. Y.  
 E-Z Opener Bag Co., Taylorville, Ill.  
 Fox Paper Co., Lockport, O.  
 Gould Paper Co. (Drab), Port Leydon, N. Y.  
 Howland Pulp & Paper Co., Howland, Me.  
 Kieffer Paper Co. (No. 2 Red), Ewing, Ind.  
 Kimberly-Clark Co., Neenah, Wis.  
 La Salle Paper Co., South Bend, Ind.  
 McDowell Paper Mills, Main & Levering, Phila., Pa.  
 Marcellus Paper Co., Syracuse, N. Y.  
 Marcellus Wrapping Paper Co. (Glazed), Marseilles, Ill.  
 Monroe Falls Paper Co., Massillon, O.  
 New York & Penna. Co., 200 Fifth av, New York  
 Onondaga Paper Co., Marcellus Falls, N. Y.  
 Racquette River Paper Co., Potsdam, N. Y.  
 Strange John Paper Co., Menasha, Wis.  
 Tarentum Paper Mills, 2d National Bank bldg, Pittsburgh, Pa.  
 Yellow Pine Paper Mill Co. (Drab), Orange, Texas  
 York Haven Paper Co. (Light & Dark), Land Title bldg, Phila., Pa.

#### 10660— Paper (Fibre)

Ager C. L. J., Lyonsdale, N. Y.  
 Analomink Paper Co., No. Water Gap, Pa.  
 Bedford Pulp & Paper Co., Richmond, Va.  
**BERLIN MILLS CO.** ("Nibroc"), Portland, Me.  
 Brownville Paper Co., Brownville, N. Y.  
 California Paper & Board Mills, 40 1st, San Francisco, Cal.  
 Carolina Fibre Co., Hartsville, S. C.  
 Central Paper Co., Muskegon, Mich.  
 Cherry River Paper Co., Land Title bldg, Phila., Pa.  
 Continental Fibre Co., Newark Centre, Del.  
 Dells Paper & Pulp Co., Eau Claire, Wis.  
 Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.  
 Diamond State Fibre Co., Elsmere, Del.  
 Eureka Paper Co., Fulton, N. Y.  
 Falls Mfg. Co., Oconto Falls, Wis.  
 Fibre Corporation, Lockport, N. Y.  
 Fletcher Paper Co., Alpena, Mich.  
 Garrett C. S. & Son Co., 20 S Marshall, Phila., Pa.  
 Glen Mills Paper Co., Stephen Girard bldg, Phila., Pa.  
 Green Bay Paper & Fibre Co., Green Bay, Wis.  
 Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.  
 Hoboken Paper Mill Co., Hoboken, N. J.  
 Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.

International Paper Co., 30 Broad, New York  
 Island Paper Co. (Dry), Carthage, N. Y.  
 Island Paper Co., Menasha, Wis.  
 Kimberly-Clark Co., Neenah, Wis.  
 Lebanon Paper Co., San Francisco, Cal.  
 Lysle Wilson (Est. of), Landenberg, Pa.  
 McDowell Paper Mills, Main & Levering, Phila., Pa.  
 Malone Paper Co., Malone, N. Y.  
 Marcellus Paper Co., Syracuse, N. Y.  
 Marinette & Menominee Paper Co., Marinette, Wis.  
 Marshall Bros., Yorklyn, Del.  
 Moyer & Pratt, Lyons Falls, N. Y.  
 Nekoosa-Edwards Paper Co., Port Edwards, Wis.  
 New York & Pennsylvania Co., 200 5th av, New York  
 Odell Mfg. Co., Groveton, N. H.  
 Onondaga Paper Co., Marcellus Falls, N. Y.  
 Parsons Pulp & Lumber Co., Finance bldg, Phila., Pa.  
 Racquette River Paper Co., Potsdam, N. Y.  
 Schmidt & Ault Paper Co., York, Pa.  
 Strange John Paper Co., Menasha, Wis.  
 Volney Paper Co., Fulton, N. Y.  
 Wausau Paper Mills Co., Brokaw, Wis.  
 Wilmington Fibre Specialty Co., Wilmington, Del.  
 Wolf River Paper & Fibre Co., Shawano, Wis.  
 Yellow Pine Paper Mill Co., Orange, Texas  
 York Haven Paper Co., Land Title bldg, Phila., Pa.

#### 10661— Paper (Filter)

Angel H. Reeve & Co. ("Whatman," Imported), 120 Liberty, New York  
 Baker J. T. Chemical Co. ("Baker's" Ashless), Phillipsburg, N. J.  
 Bausch & Lomb Optical Co., Rochester, N. Y.  
 Daigger A. & Co. ("Celeritas"), 54 W Kinzie, Chicago, Ill.  
 Eimer & Amend ("Schlecher & Schnell," "E. & A.," etc), 205 3d av, New York  
 Fougere E. & Co. ("Pratt-Dumas" Sole Agents), 90 Beekman, New York  
 Heil Henry Chemical Co. (Max Deverhoff's), St. Louis, Mo.  
**HEWITT C. B. & BROS.** (Jobbers), 49 Beekman, New York  
*See adv index at end of book*  
 Lenz Apparatus Co., 9 E 16th, New York  
 Sargent E. H. & Co. ("J. H. Munktel's" Swedish), 125 W Lake, Chicago, Ill.  
 Scientific Materials Co. (All Kinds), 717 Forbes, Pittsburgh, Pa.  
 Wrenn Paper Co., Middletown, O.

#### 10662— Paper (Fireworks)

Funke Ferdinand Sons (Feather Edge), Evansville, Ind.  
 Kimberly-Clark Co., Neenah, Wis.  
 Munroe Falls Paper Co., Massillon, O.

#### 10663—Paper (Flint, Sand & Emery)

American Glue Co. ("Union" Flint, etc), 121 Beverly, Boston, Mass.  
 Armour Sandpaper Works ("Bull's Head"), 3130 Benson, Chicago, Ill.  
 Baeder, Adamson & Co., Richmond & Allegheny avs, Phila., Pa.  
 Barton H. H. & Son Co. ("Best"), 109 S 3d, Phila., Pa.  
 Behr Herman & Co., 61 Broadway, New York  
 Kimberly-Clark Co., Neenah, Wis.  
 Manning Sand Paper Co., Troy, N. Y.  
 Minnesota Mining & Mfg. Co., 791 Forest, St. Paul, Minn.  
 U. S. Sand Paper Co., Williamsport, Pa.  
 Waddell R. J. & Co. ("National," "Metropolitan"), 52 Beekman, New York  
 West Jersey Paper Mfg. Co. (Sand), Camden, N. J.

#### 10664— Paper (Fly)

Cassady-Fairbanks Mfg. Co. ("Excelsior," "Poison"), 6126 S La Salle, Chicago, Ill.  
 Grand Rapids Sticky Fly Paper Co., Grand Rapids, Mich.  
 Kimberly-Clark Co., Neenah, Wis.  
 Massillon Paper Co., Massillon, O.  
 Munroe Falls Paper Co., Massillon, O.  
 National Fly Paper Co., Kenosha, Wis.



Thum O. & W. Co. ("Tanglefoot"), Grand Rapids, Mich.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

### 10665—Paper for Carbon Manifold-ing

See also Paper, Manifold

Dexter C. H. & Sons, Windsor Locks, Conn.

### 10666—Paper (Fourdrinier Tissue)

Anchor Paper Co., Windsor Locks, Conn.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

#### Paper (Garnet)

See Paper, Flint, Sand & Emery

### 10667— Paper (Glassine)

Hartford City Paper Co., Hartford City, Ind.  
 Warren Mfg. Co. (Riegel's "Jewel Brand"), 233 B'way, New York

### 10668— Paper (Glazed)

National Coated Paper Corp. (Roll & Sheet), Pawtucket, R. I.  
 Riverview Coated Paper Co., Kalamazoo, Mich.

### 10669—\*Paper Goods (Sanitary)

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

### 10670—\*Paper (Grease Proof)

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

### 10671— Paper (Gummed)

Anderson W. J. & Co., 341 B'way, New York  
 Eisler Anthony & Co., 227 Canal, New York  
 Ideal Coated Paper Co. (Flat), Brookfield, Mass.  
 Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.  
 McLaurin James D. Co. (Inc), 260 West, New York  
 Page Fred M. & Co. (For Paper Box Mfrs. & Sealing Machines), East Lynn, Mass.  
 Peters Co., 33-35th, Brooklyn, N. Y.  
 Thomas Stationery Mfg. Co., Springfield, O.

### 10672—Paper (Ham Wrapping)

Bardeen Paper Co. (Antiseptic), Otsego, Mich.  
 Central Box Board Co., 43rd & Racine av, Chicago, Ill.  
 Funke Ferdinand Sons (Common), Evansville, Ind.  
 Schmidt & Ault Paper Co., York, Pa.

### 10673-4—Paper (Hardware)

Bird F. W. & Son, East Walpole, Mass.  
 Case Mfg. Co., Unionville, Conn.  
 Fox Paper Co. (Black), Lockland, O.  
 Kimberly-Clark Co., Neenah, Wis.  
 Marcellus Paper Co., Syracuse, N. Y.  
 New York & Pennsylvania Co., 200 5th av, New York  
 Rogers J. J. & Co., Au Sable Forks, N. Y.  
 Schmidt & Ault Paper Co., York, Pa.

### 10675— Paper (Insulating)

See also Mica

American Mica Co. ("Puritan"), Newton Lower Falls, Mass.  
 American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.  
 Barrett Co. (Also Insulating Rope), 17 Battery pl, New York  
 Bird F. W. & Son ("Kosat," "Neponset"), East Walpole, Mass.  
 Cabot Samuel (Inc.) ("Cabot's" Quilt), 141 Milk, Boston, Mass.  
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
 Case Bros (Boards, Any Size or Thickness) Highland Park, Conn.

Chatfield & Woods Co., 3rd & Plum, Cincinnati, O.

Continental Fibre Co. (Hard Fibre), Newark Centre, Del.

Crane Bros. ("Linoid"), Westfield, Mass.  
**DELAWARE HARD FIBRE CO.** (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

Dexter C. H. & Sons (Tissue, etc), Windsor Locks, Conn.

Diamond State Fibre Co. (Hard Fibre), Elmsmere, Del.

Flintkote Mfg. Co. ("Rex"), 88 Pearl, Boston, Mass.

Ford Mfg. Co., 2339 La Salle, Chicago, Ill.

Franklin Mfg. Co. ("Franklin"), Franklin, Pa.

General Roofing Mfg. Co. (Black Waterproof) (Sheating), 17th & Southern Ry, E St. Louis, Ill.

Green Insulation Co. ("Q. A."), Cleveland, Ohio

Hollingsworth & Vose Co. (All Grades for Insulating), 141 Milk, Boston, Mass.

Johns H. W.-Manville Co. (Asbestos), Madison av & 41st, New York

Kingsley Paper Co., 321 St. Clair, N W, Cleveland, O.

Lehon Co. ("Per-Bona"), W 45th & S Western av, Chicago, Ill.

Meirowsky Bros. ("Excelsior"), 106 B'way, Jersey City, N. J.

Merwin Paper Co. (Insulating Boards), Rainbow, Conn.

Mica Insulator Co. ("M. I. C." "Linolac," "Micanite," "Empire," "Kablak"), 68 Church, New York

National Fibre & Insulation Co. (Fibre), Yorklyn, Del.

Newton Paper Co., Holyoke, Mass.

Pittsburgh Insulating Co., 96 43d, Pittsburgh, Pa.

Rogers Paper Mfg. Co. (Insulating Boards), South Manchester, Conn.

Single Jno. Paper Co., Syracuse, N. Y.

Standard Fibre Co., Miller st, Somerville, Mass.

Standard Paint Co. ("P. & B." "Giant"), 233 B'way, New York

Tarentum Paper Mills (Rope Paper for Insulating), 2d National Bank bldg, Pittsburgh, Pa.

Union Fibre Co. (And Quilts, "Linowelt"), Winona, Minn.

Union Mills Paper Mfg. Co. (For Electric Light & Telephone Cables), New Hope, Pa.

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Watson H. F. Co. (Asbestos & Rope, Erie, Pa.)

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**WILMINGTON FIBRE SPECIALTY CO.** ("Fyberoid"), Wilmington, Del.  
*See adv index at end of book*

York Haven Paper Co. (Insulating Paper), Land Title bldg, Phila., Pa.

### 10676— Paper (Jute)

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.

Hollingsworth & Vose Co., 141 Milk, Boston, Mass.

Kimberly-Clark Co., Neenah, Wis.

Sorg Paul A., Paper Co., Middletown, O.

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Wardlow-Thomas Paper Co., Middletown, Ohio

Warren Mfg. Co., 233 B'way, New York

### 10677— Paper (Kraft)

**BERLIN MILLS CO.** ("Nibroc"), Portland, Me.

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.

Central Paper Co., Muskegon, Mich.

Cherry River Paper Co., Scranton, Pa.

Claremont Paper Co., Claremont, N. H.

Continental Paper Bag Co., 17 Battery pl, New York

Falls Mfg. Co., Oconto Falls, Wis.

Fox Paper Co. (All Sulphate Swedish, White & Mitscherlich & Machine Glazed), Lockland, O.

Gardner L. H. Paper Co., Mumford, N. Y.

Hollingsworth & Whiting Co., 185 Devonshire, Boston, Mass.

Katahdin Pulp & Paper Co., Lincoln, Me.

Kimberly-Clark Co., Neenah, Wis.

McDowell Paper Mills, Main & Levering, Phila., Pa.

Menasha Paper Co., Ladysmith, Wis.

Moore & Thompson Paper Co., Bellows Falls, Vt.

Munroe Felt & Paper Co., 79 Summer, Boston, Mass.

Newton Falls Paper Co., Watertown, N. Y.

New York & Pennsylvania Co., 200 5th av, New York

Orono Pulp & Paper Co., Bangor, Me.

Paper Products Co., 2405 W Franklin, Baltimore, Md.

Southern Paper Co. ("Kreole"), Moss Point, Miss.

Strange John Paper Co., Menasha, Wis.

**UNION PAPER & TWINE CO.** (A1 Leather), 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Volney Paper Co., Fulton, N. Y.

Wausau Sulphate Fibre Co., Mosinee, Wis.

Yellow Pine Paper Mill Co., Orange, Tex.

**10678— Paper (Label)**

Bardeen Paper Co., Otsego, Mich.

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.

Bryant Paper Co., Kalamazoo, Mich.

Everett Pulp & Paper Co., Lowell, Wash.

Kimberly-Clark Co., Neenah, Wis.

King Paper Co., Kalamazoo, Mich.

Newton Paper Co., Holyoke, Mass.

New York & Pennsylvania Co., 200 5th av, New York

Oxford Paper Co., 200 5th av, New York

West Virginia Pulp & Paper Co., 200 5th av, New York

**10679— Paper (Lace)**

Kimberly-Clark Co., Neenah, Wis.

U. S. Lace Paper Works, 472 W B'way, New York

**10680— Paper (Linen)**

Brown L. L. Paper Co., Adams, Mass.

Eastern Mfg. Co. (Linen Finish), Bangor, Me.

Eaton, Crane & Pike Co., Pittsfield, Mass.

Keith Paper Co., Turner Falls, Mass.

Oglesby W. B. Paper Co., Middletown, O.

Whiting Paper Co., Holyoke, Mass.

**10681— Paper (Linen Ledger)**

American Writing Paper Co., Holyoke, Mass.

Beckett Paper Co., Hamilton, O.

Brown L. L. Paper Co., Adams, Mass.

Carew Mfg. Co. ("Vulcan"), S Hadley Falls, Mass.

Crane Bros. ("Gold Medal," "Japanese Linen" & All Linen Writing, etc), Westfield, Mass.

Eastern Mfg. Co., Bangor, Me.

Gilbert Paper Co., Menasha, Wis.

Keith Paper Co., Turner Falls, Mass.

Oglesby W. B. Paper Co. ("White Rock"), Middletown, O.

Southworth Co., Mittineague, Mass.

Weston Byron Co. ("Weston"), Dalton, Mass.

Whiting Paper Co., Holyoke, Mass.

Whiting-Plover Paper Co., Stevens Point, Wis.

**10682— Paper (Lining)**

Bardeen Paper Co. (Rag), Otsego, Mich.

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.

Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.

Fox Paper Co. (Rag), Lockland, O.

Granby Pulp & Paper Co., Fulton, New York

Hoboken Paper Mill Co., Hoboken, N. J.

Kieffer Paper Co. (Rag), Ewing, Ind.

Kimberly-Clark Co., Neenah, Wis.

La Salle Paper Co. (Rag), South Bend, Ind.

Mason-Perkins Paper Co. (Box), Bristol, N. H.

Monroe Paper Co. (Rag), Monroe, Mich.

Pairpoint Corp. (Cased), New Bedford, Mass.

Schmidt & Ault Paper Co., York, Pa.

Smeallie & Voorhees (Chlp), Amsterdam, N. Y.

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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**10683—Paper (Lithograph)**

Bardeen Paper Co., Otsego, Mich.  
 Bermingham & Seaman Co., 208 So La Salle, Chicago, Ill.  
 Bryant Paper Co., Kalamazoo, Mich.  
 Cantine Martin Co., Saugerties, N. Y.  
 Cleveland-Akron Bag Co. (Cloth Lined), Cleveland, O.  
 Curtis & Bro., Newark, Del.  
 Glatfelter P. H. Co., Spring Grove, Pa.  
 Kimberly-Clark Co., Neenah, Wis.  
 Merrimac Paper Co. (Coated), Lawrence, Mass.  
 Otsego Coated Paper Co., Otsego, Mich.  
 Riverview Coated Paper Co., Kalamazoo, Mich.  
 Ticonderoga Pulp & Paper Co., 200 5th av, New York

**10684—Paper (Loose Leaf)**

Brown L. L. Paper Co., Adams, Mass.  
 Weston Byron Co. ("Weston" Patented), Dalton, Mass.

**10685—Paper (Macaroni)**

Fox Paper Co., Lockland, O.  
 Kimberly-Clark Co., Neenah, Wis.  
 Schmidt & Ault Paper Co., York, Pa.  
**UNION PAPER & TWINE CO.**, 125 St. 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.  
*See adv index at end of book*  
 Walsh Paper Co., Cuyahoga Falls, O.

**10686—Paper (Manifold)**

See also Paper, Railroad Manifold; also Railroad Stationery, Blanks, Manifests, etc.

Anchor Paper Co., Windsor Locks, Conn.  
 Dexter C. H. & Sons (Linen, etc), Windsor Locks, Conn.  
 Esleeck Mfg. Co. (White & Colored), Turner Falls, Mass.  
 Hartford City Paper Co., Hartford City, Ind.  
 Mann Wm. Co., Lambertville, N. J.  
**UNION PAPER & TWINE CO.** ("Unico"), 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.  
*See adv index at end of book*  
 Whittelsey F. H. Co., Windsor Locks, Conn.

**10687—Paper (Manila)**

Adams Bag Co., 1900 Euclid av, Cleveland, O.  
 Adams Paper Co., Wells River, Vt.  
 Aldrich Paper Co., Watertown, N. Y.  
 Analomink Paper Co., North Water Gap, Pa.  
 Bardeen Paper Co. (Railroad), Otsego, Mich.  
 Bermingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Blake & Higgins, Bellows Falls, Vt.  
 Burmus Paper Co., West Dudley, Mass.  
 California Paper & Board Mills, 40 1st, San Francisco, Cal.  
 Case Mfg. Co., Unionville, Conn.  
 Central Paper Co., Muskegon, Mich.  
 Cherry River Paper Co., Land Title bldg, Phila., Pa.  
 Claremont Paper Co., Claremont, N. H.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Crono Pulp & Paper Co. (Sulphite-Manila), Bangor, Me.  
 Crown Willamette Paper Co., San Francisco, Cal.  
 Cushnoc Paper Co., Augusta, Me.  
 DeGrasse Paper Co., Pyrites, N. Y.  
 Dells Paper & Pulp Co., Eau Claire, Wis.  
 Eureka Paper Co., Fulton, N. Y.  
 Everett Pulp & Paper Co., Everett, Wash.  
 E-Z Opener Bag Co., Taylorville, Ill.  
 Falls Mfg. Co., Oconto Falls, Wis.  
 Fletcher Paper Co., Alpena, Mich.  
 Flint, Wyman & Sons Co., Bellows Falls, Vt.  
 Fox Paper Co., Lockland, O.  
 Gore H. M., Freeland, Md.  
 Gould Paper Co., Lyons Falls, N. Y.  
 Granby Pulp & Paper Co. (Light Weight), Fulton, N. Y.  
 Great Northern Paper Co., 30 E 42d, N. Y.  
 Harmon Paper Co., Brownville, N. Y.  
 Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.  
 Hawley Pulp & Paper Co. (All Grades), Oregon City, Ore.  
 Hennepin Paper Co., Plymouth bldg, Minneapolis, Minn.

Henry Paper Co., Lincoln, N. H.  
 Hollingsworth & Vose Co. (Jute), 141 Milk, Boston, Mass.  
 Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.  
 Howland Pulp & Paper Co., Howland, Me.  
 International Paper Co., 30 Broad, New York  
 Island Paper Co., Carthage, N. Y.  
 Kieffer Paper Co. (No. 2), Ewing, Ind.  
 Kimberly-Clark Co., Neenah, Wis.  
 Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.  
 Lawless Paper Co., Rochester, N. Y.  
 Lebanon Paper Co., San Francisco, Cal.  
 LeFevre Edward Y., Fallsburg, N. Y.  
 Lincoln L. & Co., North Dighton, Mass.  
 Marathon Paper Mills Co., Rothschild, Wis.  
 Marinette & Menominee Paper Co., Marinette, Wis.  
 Moore John T. & Son, Bellows Falls, Vt.  
 Moore & Thompson Paper Co., Bellows Falls, Vt.  
 Moorehouse R. T. 2655 Bridge Bridesburg, Philadelphia, Pa.  
 Moyer & Pratt, Lyonsdale, N. Y.  
 Nekoosa-Edwards Paper Co., Port Edwards, Wis.  
 New Haven Pulp & Board Co., New Haven, Conn.  
 Newton Falls Paper Co. (Sulphite), Watertown, N. Y.  
 New York & Pennsylvania Co., 200 5th av, New York  
 Northwest Paper Co., Cloquet, Minn.  
 Odell Mfg. Co., Groveton, N. H.  
 Onondaga Paper Co., Marcellus Falls, N. Y.  
 Orono Pulp & Paper Co., Bangor, Me.  
 Pioneer Paper Co., Ballston Spa, N. Y.  
 Raquette River Paper Co. (Envelope & Printing), Potsdam, N. Y.  
 Reading Paper Mills, Reading, Pa.  
 Rogers J. & J. Co., Ausable Forks, N. Y.  
 Schmidt & Ault Paper Co., York, Pa.  
 Ticonderoga Pulp & Paper Co. (White), 200 5th av, New York  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
 Wardlow-Thomas Paper Co., Middletown, Ohio  
 Warren Mfg. Co., 233 B'way, New York  
 Wausau Paper Mills Co., Brokaw, Wis.  
 Wolf River Paper & Fibre Co., Shawano, Wis.  
 Yellow Pine Paper Mill Co. (No. 1), Orange, Tex.

**10688—Paper (Map)**

Bardeen Paper Co., Otsego, Mich.  
 Bermingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Bryant Paper Co., Kalamazoo, Mich.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Fox River Paper Co., Appleton, Wis.  
 Kalamazoo Paper Co., Kalamazoo, Mich.  
 Kimberly-Clark Co., Neenah, Wis.  
 King Paper Co., Kalamazoo, Mich.  
 Watervliet Paper Co., Watervliet, Mich.

**10689—Paper (Mimeograph)**

American Writing Paper Co., Holyoke, Mass.  
 Bardeen Paper Co., Otsego, Mich.  
 Bare D. M. Paper Co., Roaring Springs, Pa.  
 Bermingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
 Eaton Crane & Pike Co., Pittsfield, Mass.  
**UNION PAPER & TWINE CO.**, 25 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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**10690—Paper (Music)**

Bardeen Paper Co., Otsego, Mich.  
 Bermingham & Seaman Co., 208 La Salle, Chicago, Ill.  
 Kimberly-Clark Paper Co., Neenah, Wis.  
 Merrimac Paper Co., Lawrence, Mass.  
 Ticonderoga Pulp & Paper Co., 200 5th av, New York

**10691—Paper Napkins**

American Novelty Paper Co., Saugerties, N. Y.  
 Bainbridge's Chas T. Sons, 2 Cumberland, Brooklyn, N. Y.

Burnitol Mfg. Co., Orient av, Boston, Mass.  
 Continental Paper Bag Co., 17 Battery pl, New York  
 Dennison Mfg. Co., 26 Franklin, Boston, Mass.  
 Erving Mills, Erving, Mass.  
 Hoberg John Co., Green Bay, Wis.  
 Paper Mills Specialty Co. (Crepe), Chicago, Ill.  
 Paper Novelty Co., Green Bay, Wis.  
 Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.  
 Tuttle Press Co. ("Paris" Crepe), Appleton, Wis.

**10692—Paper (Negative & Black Line)**

Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

**10693—Paper (News)**

Aldrich Paper Co., Watertown, N. Y.  
 Auglaize Box Board Co., St. Marys, O.  
 Barnes Paper Mills, Rochester, Mich.  
 Bedford Pulp & Paper Co., Richmond, Va.  
 Bermingham & Seaman Co., 208 La Salle, Chicago, Ill.  
 Centralia Pulp & Paper Co., Centralia, Wis.  
 Champion Paper Co., Carthage, N. Y.  
 Cheboygan Paper Co., Cheboygan, Mich.  
 Cleveland Paper Mfg. Co., Cleveland, O.  
 Cliff Paper Co., Niagara Falls, N. Y.  
 Combined Locks Paper Co., Appleton, Wis.  
 Consolidated Water Power & Paper Co., Grand Rapids, Wis.  
 Crown Willamette Paper Co., San Francisco, Cal.  
 Dells Paper & Pulp Co., Eau Claire, Wis.  
 Diana Paper Co., Watertown, N. Y.  
 Finch, Pruyn & Co. (Inc.), Glens Falls, N. Y.  
 Flambeau Paper Co., Park Falls, Wis.  
 Gilbert Frank Paper Co., Waterford, N. Y.  
 Gould Paper Co., Lyon Falls, N. Y.  
 Granby Pulp & Paper Co., Fulton, N. Y.  
 Grandfather Falls Co., Merrill, Wis.  
 Great Northern Paper Co., 30 E 42d, N. Y.  
 Harmon Paper Co., Brownville, N. Y.  
 Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.  
 Hawley Pulp & Paper Co., Oregon City, Ore.  
 Hennepin Paper Co., Plymouth bldg, Minneapolis, Minn.  
 High Falls Pulp & Paper Co., Chateaugay, N. Y.  
 International Paper Co., 30 Broad, New York  
 Itasca Paper Co., Grand Rapids, Minn.  
 Kimberly-Clark Co., Neenah, Wis.  
 Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.  
 Malone Paper Co., Malone, N. Y.  
 Mason-Perkins Paper Co., Bristol, N. H.  
 Menasha Paper Co., Ladysmith, Wis.  
 Minnesota & Ontario Power Co., Andrus bldg., Minneapolis, Minn.  
 New Haven Pulp & Board Co., New Haven, Conn.  
 Northwest Paper Co., Cloquet, Minn.  
 Ohio Box Board Co., 1390 E 30th, Cleveland, O.  
 Oswego Falls Pulp & Paper Co., Fulton, N. Y.  
 Outagamie Paper Co., Kaukauna, Wis.  
 Patten Paper Co. (Ltd.), Appleton, Wis.  
 Petterbone-Cataract Paper Co., Niagara Falls, N. Y.  
 Remington Paper & Power Co., Watertown, N. Y.  
 Rhinelander Paper Co., Rhinelander, Wis.  
 St. Croix Paper Co., 244 Washington, Boston, Mass.  
 St. George Pulp & Paper Co., Hudson Falls, N. Y.  
 St. Regis Paper Co., Watertown, N. Y.  
 Schroon River Pulp & Paper Co., Warrensburg, N. Y.  
 Taggart Paper Co., Watertown, N. Y.  
 Watab Pulp & Paper Co., Sartell, Minn.  
 West End Paper Co., Carthage, N. Y.  
 Wisconsin River Paper & Pulp Co., Neenah, Wis.

**10694—Paper (Onion Skin)**

Bermingham & Seaman Co., 208 La Salle, Chicago, Ill.  
 Bryant Paper Co., Kalamazoo, Mich.  
 Dexter C. H. & Sons ("Star"), Windsor Locks, Conn.



Esleek Mfg. Co., Turners Falls, Mass.  
Hartford City Paper Co., Hartford City, Ind.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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### 10695—Paper (Packing, Corrugated)

Agar Mfg. Co., Bush Terminal, Bklyn, N. Y.

Gair Robt. Co., Washington & Plymouth, Brooklyn, N. Y.

Hinde & Dauch Paper Co., Sandusky, O.  
Lawrence Paper Mfg. Co. ("Jayhawk"), Lawrence, Kans.

Nivison-Weiskopf Co., 318 Elm, Cincinnati, Ohio

Schmidt & Ault Paper Co., York, Pa.  
Sefton Mfg. Corp., 1301 W 35th, Chicago, Ill.

Thompson & Norris Co., The, Concord & Prince, Brooklyn, N. Y.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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### 10696— Paper (Papeterie)

Eastern Mfg. Co., Bangor, Me.  
Murphy John A. Co., Springfield, Mass.  
Powers Paper Co., Springfield, Mass.  
Ward Marcus, Inc., Pearson & Creek, Long Island City, N. Y.

### 10697— Paper (Parchment)

Bergstrom Paper Co., Neenah, Wis.  
Brown L. L. Paper Co., Adams, Mass.  
Crocker-McElwaine Co., Holyoke, Mass.  
East Hartford Mfg. Co., Burnside, Conn.  
Glen Mills Paper Co. (Vegetable), Stephen Girard bldg, Phila., Pa.

Hammerschlag Mfg. Co. (Imitation), 232 Greenwich, New York

Hartford City Paper Co. (Imitation), Hartford City, Ind.

Kalamazoo Vegetable Parchment Co. (Vegetable), Kalamazoo, Mich.

Paterson Parchment Paper Co. (Vegetable), Passaic, N. J.

Raquette River Paper Co., Potsdam, N. Y.  
Taylor-Logan Co., Holyoke, Mass.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Warren Parchment Co., Dexter, N. Y.  
West Carrollton Parchment Co. (Vegetable), West Carrollton, O. (See Dayton)

### 10698— Paper (Pattern)

Anchor Paper Co., Windsor Locks, Conn.  
Case Mfg. Co., Unionville, Conn.  
Diamond Mills Paper Co., 44 Murray, New York

Gardner L. H. Paper Co., Mumford, N. Y.

Greene Paper Co., 5014 Market, Phila., Pa.

Hampton Paper Co., Northampton, Mass.

**HEWITT C. B. & BROS.** (Jobbers), 49 Beekman, New York  
*See adv index at end of book*

Hollingsworth & Vose Co., 141 Milk, Boston, Mass.

Kimberly-Clark Co., Neenah, Wis.

Lincoln L. & Co., North Dighton, Mass.

Menasha Paper Co., Ladysmith, Wis.

Michigan Paper Co., Plainwell, Mich.

Niagara Paper Mills, Lockport, N. Y.

Schmidt & Ault Paper Co., York, Pa.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Walsh Paper Co., Cuyahoga Falls, O.

West Jersey Paper Mfg. Co., Camden, N. J.

**10699—Paper (Photographic)**

American Photographic Paper Co., 2304 Washington, Boston, Mass.

Anso Co. ("Cyko"), Binghamton, N. Y.

Cramer G. Dry Plate Co. ("Alpha"), Shendoah & Lemp avs, St. Louis, Mo.

Defender Photo Supply Co. ("Argo"), Rochester, N. Y.

Eastman-Kodak Co., Rochester, N. Y.  
Haloid Co., Rochester, N. Y.

Hampton Paper Co., Northampton, Mass.  
Lewis J. L. ("Seltona"), 522 6th av, N. Y.  
Machine Mfg. & Engineering Co., Council Bluffs, Ia.

Photo Products Co. ("Instanto"), 6100 La Salle, Chicago, Ill.

Valley Paper Co., Holyoke, Mass.

### 10700—Paper (Playing Card)

Kimberly-Clark Co., Neenah, Wis.  
Oglesby W. B. Paper Co., Middletown, O.

### 10701—Paper (Railroad Copying)

Anchor Paper Co. (Yellow, White & Manila), Windsor Locks, Conn.

Dexter C. H. & Sons ("Star" White & Manila), Windsor Locks, Conn.

Greene Paper Co. (Yellow Tissue), 5014 Market, Phila., Pa.

Kimberly-Clark Co., Neenah, Wis.

Mann Wm. Co. ("American Railroad," "Answell," "Old Reliable Parchment Paper," "Shen-King"), 529 Market, Philadelphia, Pa.

Rainbow Paper Mills, Rainbow, Conn.

Whittelsey F. H. Co. (Yellow), Windsor Locks, Conn.

### 10702—Paper (Railroad Manifold-ing)

Hartford City Paper Co., Hartford City, Ind.

Reyburn Mfg. Co., 23d & Allegheny av, Philadelphia, Pa.

Whittelsey F. H. Co., Windsor Locks, Conn.

### 10703—Paper (Railroad Manila & Writing)

*See also Paper, Writing*

Bardeen Paper Co., Otsego, Mich.

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.

Brownville Paper Co., Brownville, N. Y.

Consolidated Water Power & Paper Co., Grand Rapids, Mich.

Everett Pulp & Paper Co., Everett, Wash.

Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.

Kimberly-Clark Co., Neenah, Wis.

Moore & Thompson Paper Co., Bellows Falls, Vt.

New York & Penna. Co., 200 5th av, New York

Riverton Co., Riverton, Conn.

Robertson Paper Co., Bellows Falls, Vt.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

West Va. Pulp & Paper Co. (Writing), 200 5th av, New York

### 10704— Paper (Ribbon)

Bancroft Paper Co., Bancroft, Mass.

**When writing to firms whose names appear in this book please mention**

**HENDRICKS' COMMERCIAL REGISTER.**

### 10705—Paper (Roofing, Saturators)

*See also Paper, Roofing, Sheathing & Building*

Asphalt Ready Roofing Co., 9 Church, New York

Asphalt Roofing Co., Saginaw, Mich.

Barber Asphalt Paving Co. ("Genasco"), Land Title bldg, Phila., Pa.

Barrett Co., 17 Battery pl, New York

Bird & Son, ("Neponset Paroid") East Walpole, Mass.

Chatfield & Woods Co., 3d & Plum, Cincinnati, O.

Denver Gas & Electric Light Co., 15th & Champa, Denver, Colo.

Flinkote Mfg. Co. ("Rex") 88 Pearl, Boston, Mass.

Ford Mfg. Co., 2339 La Salle, Chicago, Ill.

General Roofing Mfg. Co., 17th & Southern Ry, East St. Louis, Ill.

Johns H. W.-Manville Co., Madison av & 41st, New York

Kimberly-Clark Co., Neenah, Wis.

Lehon Co., W 45th & S Western av, Chicago, Ill.

National Roofing Co., Tonawanda, N. Y.

New England Felt Roofing Works, 101 Milk, Boston, Mass.

Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.

Paraffine Paint Co., San Francisco, Cal.

Standard Paint Co., 233 B'way, New York

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

Western Roofing & Supply Co., 3611 Loomis, Chicago, Ill.

White A. H. Co., Ltd. ("Shellene"), Howard, Venus, Miro & Tonti, New Orleans, La.

### 10706—Paper (Roofing, Sheathing & Building)

*See also Paper, Roofing Saturators*

**Learn what firms in this list manufacture, read printed matter following their names**

Andrews Jno. T. & Co. (Sheathing), Penn Yan, N. Y.

Asphalt Ready Roofing Co., 9 Church, New York

Barber Asphalt Paving Co. ("Genasco" Insulite), Land Title bldg, Philadelphia, Pa.

Barnitz Geo. A., York, Pa.

Barrett Co. ("Pocahontas" Roofing Felt), 17 Battery pl, New York

Beloit Box Board Co. (Roofing & Building), Beloit, Wis.

**BERLIN MILLS CO.** ("Bermico"), Portland, Me.

Bicking S. Austin (Rosin-Sized Sheathing), East Downton, Pa.

Bird & Son ("Neponset"), (Roofing, also Sheathing & Building), East Walpole, Mass.

Cabot Samuel (Inc.) ("Cabot's" Sheathing & Deadening Quilt), 141 Milk, Boston, Mass.

California Paper & Board Mills (Roofing & Deadening Felts, also Sheathing), 40 1st, San Francisco, Cal.

Cartier M. N. & Sons Co. ("Roger Williams"), 289 Canal, Providence, R. I.

Chapman & Soden, 150 Oliver, Boston, Mass.

Chatfield Mfg. Co., Carthage, Cincinnati, O.

Chatfield Paper Co. (Roofing & Building), New Haven, Conn.

Chatfield & Woods Co. (Building), 3d & Plum, Cincinnati, O.

Crown Willamette Paper Co. (Sheathing), San Francisco, Cal.

Diem & Wing Paper Co. (Roofing & Sheathing), Gilbert av, Cincinnati, O.

Duston M. W. Co. (Red Paper), 150 Niagara, Providence, R. I.

Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.

Federal Asbestos Co., Milwaukee, Wis.

Field & White Co. ("Roofing & Building"), 116 Nassau, New York

Fleming Jno. G. & Son (Roofing & Sheathing), Dallas, Tex.

Flinkote Mfg. Co. ("Rex") Black, 88 Pearl, Boston, Mass.

Ford Mfg. Co., 2339 La Salle, Chicago, Ill.

Foster Box Board Co. (Roofing), Utica, N. Y.

Fox Paper Co. (Building & Sheathing), Lockland, O.

General Roofing Mfg. Co. (Building, Ready Roofing, Saturating & Deadening Felts, Red & Gray Rosin, Sized), Boatman's Bank bldg., St. Louis, Mo.

Graham Paper Co. (Building, Water Proof, Asbestos, etc., Jobbers, St. Louis, Mo.

Hartje Paper Mfg. Co. (Rosin-Sized Sheathing & Building), 113 Wood, Pittsburgh, Pa.



# Paper Boards Glue

## C. B. HEWITT & BROS.

### 49 BEEKMAN ST., NEW YORK

#### Pattern Papers, Detail, Rope, Insulating, Roofing, Building, Wrapping

#### SPECIAL PAPERS TO ORDER

**HEWITT C. B. & BROS.** ("Oronoko" Jobbers), 49 Beekman, New York  
*See adv index at end of book*

Hollingsworth & Vose Co. (Red Rope Roofing), 141 Milk, Boston, Mass.

Hollywell Mills (Dry Roofing, also Building), Chambersburg, Pa.

Hydrex Felt & Engineering Co. (Waterproof Paper & Felt), 120 Liberty, New York

Johns H. W.-Manville Co. (Rosin Sized), Madison av & 41st, New York

Kingston's Wm. Son (Saturating & Deadening Felts, Roofing & Building), Little Falls, N. Y.

Lafan Paper Co. (Sheathing), York, Pa.

Lang Jno. Paper Co. (Roofing & Saturating & Deadening Felts), 24th & Vine, Phila., Pa.

Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.

Lincoln L. & Co. (Sheathing), North Dighton, Mass.

Lockport Paper Co. (Roofing Felt, also Sheathing & Deadening), Lockport, N. Y.

Los Angeles Paper Mfg. Co. (Sheathing & Saturating & Deadening Felts), Los Angeles, Cal.

Mac-Sim-Bar Paper Co. (Saturating Roofing & Building), Otsego, Mich.

Mitchell & Son Co. (Sheathing), Palmyra, Mich.

Mullen Bros. Paper Co. (Building & Sheathing), St. Joseph, Mich.

Munroe Falls Paper Co. (Building Roofing & Deadening Felts), Massillon, O.

Munroe Felt & Paper Co. (Roofing), 79 Summer, Boston, Mass.

Nelson B. F. Mfg. Co. (Roofing, also Building), 414 Marshall, Minneapolis, Minn.

Newton Paper Co. ("Elephant Brand" Red Rosin Sized Sheathing), Holyoke, Mass.

Paraffine Paint Co. (Sheathing & Saturating & Deadening Felts), San Francisco, Cal.

Peters Paper Co. (Roofing & Sheathing), Latrobe, Pa.

Richardson Paper Co. (Roofing), Wyoming & Cooper avs, Lockland, O.

Roberts Jno. & Son Co. (Asbestos, Sheathing, etc), Waltham, Mass.

Schmidt & Ault Paper Co. ("Codoris" Sheathing), York, Pa.

Union Mills Paper Mfg. Co. (Building), New Hope, Pa.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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United Roofing & Mfg. Co., Morris bldg, Phila., Pa.

Wall J. F. & Sons (Sheathing, Roofing & Waterproof Building), Walpole, Mass.

Watson H. F. Co., Erie, Pa.

York Haven Paper Co. (Roofing & Waterproof Building; also Prepared Roofing Paper), Land Title bldg, Phila., Pa.

Young D. & J. B., Bentlys Springs, Md.

Eureka Paper Co., 265 W B'way, New York

Fort Wayne Corrugated Paper Co., Hartford City, Ind.

George & Sherrard Paper Co., Wellsburg, W. Va.

Globe Paper Box Co. (Also Fibre & Kraft Papers), 105 S Jefferson, Chicago, Ill.

Harvey Paper Co., Wellsburg, W. Va.

**HEWITT C. B. & BROS.** (Jobbers) 49 Beekman, New York  
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Hollingsworth & Vose Co., 141 Milk, Boston, Mass.

Jaite Co., Boston, O.

Manning John A. Paper Co., Troy, N. Y.

Marseilles Wrapping Paper Co., Marseilles, Ill.

Newton Paper Co., Holyoke, Mass.

Phillips Thos. Co. (Pure Rope Papers & Colored Rope Specialties), Akron, O.

Reading Paper Mills, Reading, Pa.

Sorg Paul A. Paper Co., Middletown, O.

Taggart Bros. Co., Watertown, N. Y.

Tarentum Paper Mills, 2nd National Bank bldg, Pittsburgh, Pa.

Union Mills Paper Mfg. Co. (Pure Rope Papers & Colored Rope Specialties), New Hope, Pa.

Wardlow-Thomas Paper Co., Middletown, O.

Warren Mfg. Co., 233 B'way, New York

West Jersey Paper Mfg. Co., Camden, N. J.

### 10708— Paper (Sack)

Cleveland-Akron Bag Co., Cleveland, O.

Hollingsworth & Vose Co., 141 Milk, Boston, Mass.

Newton Falls Paper Co., Watertown, N. Y.

Orono Pulp & Paper Co., Bangor, Me.

Sorg Paul A. Paper Co. (Flour Sack), Middletown, O.

### Paper (Sand)

See Paper, Flint, Sand & Emery

### 10709— Paper (Screening)

Fox Paper Co., Lockland, O.

Hoboken Paper Mill Co., Hoboken, N. J.

Marcellus Paper Co., Marcellus Falls, N. Y.

Onondaga Paper Co., Marcellus Falls, N. Y.

Parsons Pulp & Lumber Co., Finance bldg, Philadelphia, Pa.

Schmidt & Ault Paper Co., York, Pa.

### 10710-1—Paper (Silver Tissue)

Anchor Paper Co. (Grass Bleached), Windsor Locks, Conn.

Dexter C. H. & Sons ("Star" Grass Bleached), Windsor Locks, Conn.

Whittelsey F. H. Co. (Grass Bleached), Windsor Locks, Conn.

### 10712— Paper (Starch)

Walsh Paper Co., Cuyahoga Falls, O.

### 10713— Paper (Stencil)

Bradley A. J. Mfg. Co., 101 Beekman, New York

**HEWITT C. B. & BROS.** (Jobbers) 49 Beekman, New York  
*See adv index at end of book*

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

### 10714—Paper (Stereotyping)

American Matrix Paper Mills ("Ne Plus Ultra"), Richmond, Va.

Anchor Paper Co., Windsor Locks, Conn.

Parker Jos. & Son Co., New Haven, Conn.

### 10715— Paper (Straw)

Coshocton Straw Paper Co. (For Corrugating Purposes, Coshocton, O.

Hagar Straw Board & Paper Co., Xenia, O.

Heffernan Jas. P. Paper Co., 25 Water, New York

Hinde & Dauch Paper Co., Sandusky, O.

### 10716—Paper (Surface Coated)

Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.

Bryant Paper Co., Kalamazoo, Mich.

Champion Coated Paper Co., Hamilton, O.

Cleveland-Akron Bag Co., Cleveland, O.

Franklin Coated Paper Co., Franklin, O.

Hampden Glazed Paper & Card Co., Holyoke, Mass.

Merrimac Paper Co., Lawrence, Mass.

National Coated Paper Corp., Pawtucket, R. I.

Otsego Coated Paper Co., Otsego, Mich.

Riverview Coated Paper Co., Kalamazoo, Mich.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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Walther & Co., 72 Duane, New York

Watervliet Paper Co., Watervliet, Mich.

West Va. Pulp & Paper Co., 200 5th av, New York

### 10717— Paper (Tag)

California Paper & Board Mills, 40 1st, San Francisco, Cal.

Cherry River Paper Co. (Manila), Land Title bld, Phila., Pa.

Detroit Sulphite Pulp & Paper Co., Detroit, Mich.

Hollingsworth & Vose Co., 141 Milk, Boston, Mass.

Marathon Paper Mills Co., Rothschild, Wis.

Monroe Bridge Paper Co. (Manila Tag Board), Monroe Bridge, Mass.

National Coated Paper Corp., Pawtucket, R. I.

### 10718— Paper (Ticket)

Monroe Bridge Paper Co. (Roll), Monroe Bridge, Mass.

### 10719— Paper (Tissue)

Adams Paper Co. (Manila & Anti-Tarnish), Wells River, Vt.

Anchor Paper Co. (White, Colored & Manila), Windsor Locke, Conn.

Ancram Paper Mills, 150 W 22d, New York

Ashuelot Paper Co., Hinsdale, N. H.

Bainbridge's Chas. T. Sons, 2 Cumberland, Brooklyn, N. Y.

Blossvale Paper Co., Blossvale, N. Y.

California Paper & Board Mills, 40 1st, San Francisco, Cal.

Carthage Tissue Paper Mills (Packages & Rolls), Carthage, N. Y.

Cole W. A. Paper Co. (Manila), Putney, Vt.

Consumers' Box Board & Paper Co. (Rolls Only), Lititz, Pa.

Continental Paper Bag Co. (Manila, White & Colored Crash), 17 Battery pl, New York

Crown Willamette Paper Co., San Francisco, Cal.

Crystal Paper Co., Middletown, O.

Detroit Sulphite Pulp & Paper Co., Detroit, Mich.

Dexter C. H. & Sons ("Star," White & Colored), Windsor Locks, Conn.

Diamond Mills Paper Co., 44 Murray, New York

Erving Mills (Specialties), Erving, Mass.

Fisk Paper Co. (White & Manila), Hinsdale, N. H.

Flambeau Paper Co., Park Falls, Wis.

Flower City Tissue Mills Co., Rochester, N. Y.

Gardner L. H. Paper Co. (Manila), Mumford, N. Y.



Garrett Edwin, Chester, Pa.  
Greene Paper Co. (Pure Jute Manila), 5014 Market, Phila., Pa.  
Hoberg John Co., Green Bay, Wis.  
Hoffman R. S., Baldwinville, N. Y.  
Ingersoll Paper Co., Troy, N. Y.  
Japanese Tissue Mills, Holyoke, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
Lake Champlain Pulp & Paper Co., Plattsburgh, N. Y.  
Lawless Paper Co., Rochester, N. Y.  
Le Fevre Edward Y., Fallsburgh, N. Y.  
Little Falls Paper Co., Newburgh, N. Y.  
McIntyre Bros. & Roudebush, Fayetteville, N. Y.  
North End Paper Co., Fulton, N. Y.  
Onondaga Paper Co., Marcellus Falls, N. Y.  
Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.  
**Pioneer Paper Co., Ballston Spa, N. Y.**  
Rainbow Paper Mills, Rainbow, Conn.  
Robertson Bros. (Manila, White & Colored, in Rolls), Hinsdale, N. H.  
Robertson E. C. & Son (Manila, White & Colored, in Rolls & Large Sheets), Hinsdale, N. H.  
Robertson G. A. & Co. (Manila), Hinsdale, N. H.  
Robertson Orrin C. Co. (Manila & White), Hinsdale, N. H.  
Robertson Paper Co., Bellows Falls, Vt.  
Robertson's Wm. Sons (White & Colored), Putney, Vt.  
Savage Mfg. Co., Skowhegan, Me.  
Smith Paper Co. (Also Roll), Lee, Mass.  
**Sorg Paul A. Paper Co., Middletown, O.**  
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.  
Thilmany Pulp & Paper Co., Wisconsin Tissue Div., Appleton, Wis.  
**UNION PAPER & TWINE CO.,** 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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Union Waxed & Parchment Paper Co., 45 Cedar, New York  
Victoria Mills Paper Co. (Also Roll), Fulton, N. Y.  
White Springs Paper Co., Nutley, N. J.  
Whittelsey F. H. Co. (White & Grass Bleached), Windsor Locks, Conn.

### 10720—Paper (Tissue, Manila)

Adams A. L. Paper Co. (In Rolls for Toilet Paper, Baldwinville, Mass.  
Adams Paper Co., Wells River, Vt.  
Anchor Paper Co., Windsor Locks, Conn.  
Ancran Paper Mills, 150 W 22d, New York  
Blossvale Paper Co., Blossvale, N. Y.  
Carthage Tissue Paper Mills, Carthage, N. Y.  
Cole W. A. Paper Co., Putney, Vt.  
Continental Paper Bag Co., 17 Battery pl, New York  
Coy Paper Co., West Claremont, N. H.  
Crescent Paper & Machine Co., Phoenix, N. Y.  
Crystal Paper Co., Middletown, O.  
Fisk Paper Co. (Inc.), Hinsdale, N. H.  
Gandey W. H. (Est. of), Lambertville, N. J.  
Gardner L. H. Paper Co., Mumford, N. Y.  
Garrett E., Chester, Pa.  
Garrett E. T. Co., Lansdowne, Pa.  
Hoberg John Co., Green Bay, Wis.  
Hoffman R. S., Baldwinville, N. Y.  
Ingersoll Paper Co., Troy, N. Y.  
**Jarvis Paper Mills, West Claremont, N. H.**  
Lawless Paper Co., Rochester, N. Y.  
Little Falls Paper Co., Newburgh, N. Y.  
Mason-Perkins Paper Co., Bristol, N. H.  
Moyer & Pratt, Lyons Falls, N. Y.  
North End Paper Co., Fulton, N. Y.  
Northern Paper Mills, Green Bay, Wis.  
Onondaga Paper Co., Marcellus Falls, N. Y.  
Oswego River Paper Mills, Phoenix, N. Y.  
Pequannock Valley Paper Co., Butler, N. J.  
Robertson Bros., Hinsdale, N. H.  
Robertson E. C. & Son, Hinsdale, N. H.  
Robertson G. A. & Co., Hinsdale, N. H.  
Robertson Orrin C. Co., Hinsdale, N. H.  
Robertson Paper Co., Bellows Falls, Vt.  
Stevens & Thompson Paper Co., North Hoosick, N. Y.  
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.  
Victoria Paper Mills Co., Fulton, N. Y.  
Whittelsey F. H. Co., Windsor Locks, Conn.

### 10721—Paper (Tissue, Oiled)

Whittelsey F. H. Co., Windsor Locks, Conn.

### 10722—Paper (Tissue, White & Colored)

Anchor Paper Co., Windsor Locks, Conn.  
Ancran Paper Mills, 150 W 22d, New York  
Ashland Paper Co. (Colors), Ashland, Wis.  
Ashuelot Paper Co. (White), Hinsdale, N. H.  
Bainbridge's Chas. T. Sons, 4 Cumberland, Brooklyn, N. Y.  
Blossvale Paper Co., Blossvale, N. Y.  
Carthage Tissue Paper Mills, Carthage, N. Y.  
Continental Paper Bag Co., 17 Battery pl, New York  
Crystal Paper Co., Middletown, O.  
Dexter C. H. & Sons, Windsor Locks, Conn.  
Fisk Paper Co. (Inc.), (White), Hinsdale, N. H.  
Flower City Tissue Mills Co. (Light Weight), Rochester, N. Y.  
Hoberg John Co., Green Bay, Wis.  
Hoffman R. S., (Nos. 1 & 2 White), Baldwinville, N. Y.  
Kimberly-Clark Co., Neenah, Wis.  
**Little Falls Paper Co., Newburgh, N. Y.**  
Moyer & Pratt (White), Lyons Falls, N. Y.  
North End Paper Co. (Nos. 1 & 2 White), Fulton, N. Y.  
Onondaga Paper Co. (White), Marcellus Falls, N. Y.  
**Pioneer Paper Co., Ballston Spa, N. Y.**  
Riverton Co., Riverton, Conn.  
Robertson Bros. (Roll), Hinsdale, N. H.  
Robertson E. C. & Son, Hinsdale, N. H.  
Robertson's Wm. Sons, Putney, Vt.  
Smith Paper Co., Lee, Mass.  
Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.  
Three Rivers Paper Co. (No. 2 White), Phoenix, N. Y.  
Tuttle Press Co., Appleton, Wis.  
Victoria Paper Mills Co. (White, Sheets & Rolls), Fulton, N. Y.

### 10723—Paper (Tobacco)

Kimberly-Clark Co., Neenah, Wis.  
Walsh Paper Co., Cuyahoga Falls, O.

### 10724—Paper (Toilet)

A. P. W. Paper Co. (Roll & Package), Albany, N. Y.  
Adams A. L. Paper Co., Baldwinville, Mass.  
Adams Paper Co., Wells River, Vt.  
Anchor Paper Co., Windsor Locks, Conn.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Carthage Tissue Paper Mills (Tissue), Carthage, N. Y.  
Cole W. A. Paper Co. ("Eagle Mills"), Putney, Vt.  
Continental Paper Bag Co., 17 Battery pl, New York  
Crescent Paper & Machine Co., Phoenix, N. Y.  
Crunden-Martin Mfg. Co. (Roll & Package), 2d & Gratiot, St. Louis, Mo.  
Fisk Paper Co. (Package), Hinsdale, N. H.  
Gardner L. H. Paper Co., Mumford, N. Y.  
Handifold Toilet Paper Co., Leominster, Mass.  
Hoberg Jno. Co. (Roll & Package Tissue), Green Bay, Wis.  
Hoffman R. S., Baldwinville, N. Y.  
Ingersoll Paper Co., Troy, N. Y.  
**Jerome Paper Co., 314 W 53d, New York**  
Johnson Geo. T. Co., 76 Batterymarch, Boston, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
Morgan Envelope Co., Division, Springfield, Mass.  
Northern Paper Mills (Tissue, Automatic Toilet Service, "Northern," Roll & Oval), Green Bay, Wis.  
Oswego River Paper Mills (Package & Roll), Phoenix, N. Y.  
Paper Novelty Co., Green Bay, Wis.  
Paper Service Co., Hinsdale, N. H.  
Peerless Mfg. Co., Norristown, Pa.  
Phoenix Toilet & Paper Mfg. Co. (Tissue), Phoenix, N. Y.  
**Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.**  
Robertson G. A. & Co. (Rolls & Sheets), Hinsdale, N. H.  
Sauquoit Toilet Paper Co., New Hartford, N. Y.  
Scott Paper Co., 7th & Glenwood av, Phila., Pa.  
Three Rivers Paper Co., Phoenix, N. Y.  
Tuttle Press Co., Appleton, Wis.  
**UNION PAPER & TWINE CO., ("Miusa"),** 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
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United States Paper Mills, Chambersburg, Pa.  
Wortendyke Mfg. Co., Richmond, Va.

### Paper (Tracing)

See Tracing Cloth & Paper

### 10725—Paper (Train Order)

Whittelsey F. H. Co., Windsor Locks, Conn.

### 10726—Paper (Transfer Graining)

Majert Emil Co. ("Kalligraine"), 9 E 37th, New York

### 10727—Paper (Translucent)

Otsego Coated Paper Co., Otsego, Mich.  
Riverview Coated Paper Co., Kalamazoo, Mich.

### 10728—Paper (Typewriter)

See also Paper, Writing, Manufacturers  
American Writing Paper Co., Holyoke, Mass.  
Carew Mfg. Co., South Hadley Falls, Mass.  
Dexter C. H. & Sons (Thin), Windsor Locks, Conn.  
Diamond Mills Paper Co., 44 Murray, New York  
Eaton, Crane & Pike Co. ("Crane," "Berkshire"), Pittsfield, Mass.  
Esleeck Mfg. Co., Turners Falls, Mass.  
Fox River Paper Co., Appleton, Wis.  
Gardner L. H. Paper Co., Mumford, N. Y.  
Hampshire Paper Co. ("Old Hampshire Bond"), So. Hadley Falls, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
Smith Paper Co., Lee, Mass.  
Strathmore Paper Co., Mittleague, Mass.  
**UNION PAPER & TWINE CO.,** 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
Whittelsey F. H. Co., Windsor Locks, Conn.

### 10729—Paper (Water Proof)

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
Case & Marshall, Hartford, Conn.  
Cleveland Waterproof Paper Co., Cleveland, O.  
Federal Asbestos Co., Milwaukee, Wis.  
Flinkote Mfg. Co. ("Rex" Black) 88 Pearl, Boston, Mass.  
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.  
Hollingsworth & Whitney Co. ("Dux de Lux"), 185 Devonshire, Boston, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
National Waterproofing Co., Drexel bldg, Phila., Pa.  
Nekoosa-Edwards Paper Co., Port Edwards, Wis.  
**UNION PAPER & TWINE CO. (Cloth Lined),** 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
Watson H. F. Co., Erie, Pa.

### 10730—Paper (Waxed or Paraffine)

Bennington Wax Paper Co., Bennington, Vt.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Hammerschlag Mfg. Co., 232 Greenwich, New York  
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.  
Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.  
National Waterproofing Co., Drexel bldg, Phila., Pa.  
National Wax & Paper Mfg. Co., 203 37th, Brooklyn, N. Y.  
Newark Paraffine & Parchment Paper Co., 90 West, New York  
Ohio Wax Paper & Printing Co., Columbus, O.  
Robertson Paper Co., Bellows Falls, Vt.  
Sterling Waxed Paper Mfg. Co., 245 South, Newark, N. J.  
**UNION PAPER & TWINE CO. (Wax),** 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
Union Waxed & Parchment Paper Co., Hamburg, N. J.  
Waterproof Paper & Board Co., 427-39 E 6th, Cincinnati, O.  
Wolverine Paper Co., Otsego, Mich.



**10731—Paper Weights (Glass)**

Canton Glass Co., Marion, Ind.  
Cruver Mfg. Co., Chicago, Ill.  
Smith L. E. Glass Co., Mt. Pleasant, Pa.  
Sneath Glass Co., Hartford City, Ind.

**10732—Paper (White Print)**

Chatfield & Woods Co., 3d & Plum, Cincinnati, O.  
Kimberly-Clark Co., Neenah, Wis.  
Nekoosa-Edwards Paper Co., Port Edwards, Wis.

**10733—Paper (Wrapping)**

American Straw Board Co., B'way & 42d, New York  
Andrews John T. & Co., Penn Yan, N. Y.  
Angier Mills (Waterproof Cloth Lined), Ashland, Mass.  
Ashland Paper Co. (Fruit), Ashland, Wis.  
Badger Bag & Paper Co., 222 W. Kinzie, Chicago, Ill.  
Bardeen Paper Co. (Rag), Otsego, Mich.  
Barnes Paper Mills, Rochester, Mich.  
Bedford Pulp & Paper Co., Richmond, Va.  
Berlin Mills Co., Portland, Me.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Blicking S. Austin, East Downington, Pa.  
Bird & Son (Hardware), East Walpole, Mass.  
California Paper & Board Mills (Rag), 40 1st, San Francisco, Cal.  
Carolina Fibre Co. (Colored), Hartsville, S. C.  
Central Box Board Co., 43d & Racine av, Chicago, Ill.  
Chatfield & Woods Co., 3d & Plum, Cincinnati, O.  
Continental Paper Bag Co. (Manila, Fibre & Coated), 17 Battery pl, New York  
Crown Willamette Paper Co., San Francisco, Cal.  
Cushnoc Paper Co., Augusta, Me.  
Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.  
Fleming John G. & Son, Dallas, Tex.  
Fox Paper Co., Lockland, O.  
Hartje Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.  
Hawley Pulp & Paper Co., Oregon City, Ore.  
**HEWITT C. B. & BROS. (Jobbers) 49** Beekman, New York  
*See adv index at end of book*  
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.  
Humphrey & Young (Light & Heavy Bogus), Napanoch, N. Y.  
International Paper Co., 30 Broad, New York  
Kimberly-Clark Co., Neenah, Wis.  
La Salle Paper Co., South Bend, Ind.  
Lockport Paper Co., Lockport, N. Y.  
Los Angeles Paper Mfg. Co., Los Angeles, Cal.  
McDowell Paper Mills, Main & Levering, Philadelphia, Pa.  
Marathon Paper Mills Co. (Fibre), Rothschild, Wis.  
Marcellus Paper Co., Syracuse, N. Y.  
Moore & Thompson Paper Co., Bellows Falls, Vt.  
Nekoosa-Edwards Paper Co., Port Edwards, Wis.  
Newton Paper Co. ("Elephant," "Tiger," "National" & "Seal" Manila Duplex), Holyoke, Mass.  
Niagara Paper Mills (Watermarked), Lockport, N. Y.  
Niles Board & Paper Co., Niles, Mich.  
Orono Pulp & Paper Co., Bangor, Me.  
Oxford Paper Co., 200 5th av, New York  
Raquette River Paper Co. (Manila & Fibre), Potsdam, N. Y.  
Ravenswood Paper Mill Co., Long Island City, N. Y.  
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.  
Richmond Robt. P., Valatie, N. Y.  
Roberts John & Son Co., Waltham, Mass.  
Robertson C. M. Co. (Bogus), Montville, Conn.  
Robertson's Wm. Sons (Tissue, for Fruit & Bottles), Putney, Vt.  
Schmidt & Ault Paper Co., York, Pa.  
Smith Paper Co., Lee, Mass.  
Southern Fibre Co. ("Kraft"), Portsmouth, Va.  
Tarentum Paper Mills, 2d National Bank bldg, Pittsburgh, Pa.

Thilmany Pulp & Paper Co., Kaukauna, Wis.  
Tuttle Press Co. (Soap), Appleton, Wis.  
Union Bag & Paper Corp., Woolworth bldg., New York  
**UNION PAPER & TWINE CO., 125 St.** Clair av N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*  
Van de Carr Paper Co. (Bogus), Stockport, N. Y.  
Wall J. F. & Son, Walpole, Mass.  
Walton D. S. & Co. ("Swedish Kraft"), 132 Franklin, New York  
Wolf River Paper & Fibre Co., Shawano, Wis.  
Yellow Pine Paper Mill Co. (Soda Fibre), Orange, Tex.  
York Haven Paper Co., Land Title bldg., Phila., Pa.

**10734—Paper (Wrapping, in Rolls)**

Berlin Mills Co., Portland, Me.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Chatfield & Woods Co., 3rd & Plum, Cincinnati, O.  
Fox Paper Co., Lockland, O.  
**HEWITT C. B. & BROS. (Jobbers) 49** Beekman, New York  
*See adv index at end of book*  
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.  
Nekoosa-Edwards Paper Co., Port Edwards, Wis.  
New York Roll Wrapping Paper Co. "Hopking," "Simplex", 84 Beekman, New York  
Perry Chas. E. Co., 183 Congress, Boston, Mass.  
**UNION PAPER & TWINE CO., 125 St.** Clair av N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.  
*See adv index at end of book*

**10735—Paper (Wrapping, Rag)**

Bardeen Paper Co., Otsego, Mich.  
Brown Paper Co., Ft. Madison, Ia.  
California Paper & Board Mills, 40 1st, San Francisco, Cal.  
Central Box Board Co., 43rd & Racine av, Chicago, Ill.  
Clinton Paper Co., Clinton, Ia.  
Fairfield Paper Co., Baltimore, O.  
Fleming John G. & Son, Dallas, Tex.  
Fox Paper Co., Lockland, O.  
Gore H. M., Freeland, Md.  
Hinde & Dauch Paper Co., Sandusky, O.  
Kieffer Paper Co., Ewing, Ind.  
Marseilles Wrapping Paper Co., Marseilles, Ill.  
Massillon Paper Co., Massillon, O.  
Mitchell & Son Co., Palmyra, Mich.  
Monroe Paper Co., Monroe, Mich.  
Munroe Falls Paper Co., Massillon, O.  
Richardson Paper Co., Wyoming & Cooper avs, Lockland, O.  
Schmidt & Ault Paper Co., York, Pa.  
Terre Haute Paper Co., Terre Haute, Ind.  
Van de Carr Paper Co., Stockport, N. Y.  
Young D. & J. B., Bentleys Springs, Md.

**10736—Paper (Wrapping, Straw)**

American Straw Board Co., B'way & 42d, New York  
Brown Paper Co., Fort Madison, Ia.  
Carlyle Paper Co., Caryle, Ill.  
Clinton Paper Co., Clinton Ia.  
Fox Wm. H. & Son, Penn Yan, N. Y.  
Hagar Straw Board & Paper Co., Xenia, O.  
Lebanon Paper Co., San Francisco, Cal.  
Massillon Paper Co., Massillon, O.  
Monroe Paper Co., Monroe, Mich.  
Munroe Falls Paper Co., Massillon, O.  
Richmond Robert P., Valatie, N. Y.  
Rockford Paper Mills, Rockford, Ill.  
Terre Haute Paper Co., Terre Haute, Ind.  
Van de Carr Paper Co., Stockport, N. Y.  
Young D. & J. B., Bentleys Springs, Md.

**10737—Paper (Writing)**

*See also Paper, Railroad Manila & Writing*  
American Writing Paper Co., Holyoke, Mass.  
Bardeen Paper Co., Otsego, Mich.  
Beckett Paper Co., Hamilton, O.  
Birmingham & Seaman Co., 208 S La Salle, Chicago, Ill.  
Bryant Paper Co., Kalamazoo, Mich.  
Carew Mfg. Co., South Hadley Falls, Mass.  
Chapin & Gould Paper Co., Springfield, Mass.

Chemical Paper Mfg. Co., Holyoke, Mass.  
Collins Mfg. Co., N Wilbraham, Mass.  
Columbian Paper Co., Buena Vista, Va.  
Crane Bros., Westfield, Mass.  
Crane Z. & W. M., Dalton, Mass.  
Crane & Co., Dalton, Mass.  
Crocker, Burbank & Co., Fitchburg, Mass.  
Crocker-McElwain Co., Holyoke, Mass.  
Curtis & Bro., Newark, Del.  
Cushnoc Paper Co., Augusta, Me.  
East Hartford Mfg. Co., Burnside, Conn.  
Eastern Mfg. Co. (Linen Finished), Bangor, Me.  
Eaton, Crane & Pike Co., Pittsfield, Mass.  
Essex Pad & Paper Co., Holyoke, Mass.  
Everett Pulp & Paper Co., Everett, Wash.  
Fox River Paper Co., Appleton, Wis.  
Gilbert Paper Co., Menasha, Wis.  
**Glatfelter P. H. Co., Spring Grove, Pa.**  
Hamilton W. C. & Sons, William Penn Pa.

Hammermill Paper Co., Erie, Pa.  
Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.  
Howard Paper Co., Urbana, O.  
Kalamazoo Paper Co., Kalamazoo, Mich.  
Keith Paper Co., Turners Falls, Mass.  
Kimberly-Clark Co., Neenah, Wis.  
King Paper Co., Kalamazoo, Mich.  
Lee Paper Co., Vicksburg, Mich.  
Mead Pulp & Paper Co., Dayton, O.  
Merrimac Paper Co., Lawrence, Mass.  
Mountain Mill Paper Co., Lee, Mass.  
Nashua River Paper Co., Pepperell, Mass.  
N. Y. & Pennsylvania Co., 200 5th av, New York  
Oglesby W. B. Paper Co. ("Antique Club"), Middletown, O.  
Old Berkshire Mills Co., Dalton, Mass.  
Peninsular Paper Co., Ypsilanti, Mich.  
Poland Paper Co., Mechanic Falls, Me.  
Powers Paper Co., Springfield, Mass.  
Taylor-Atkins Paper Co., Burnside, Conn.  
**UNION PAPER & TWINE CO., 125 St.** Clair av, N W, Cleveland, O., & 538 Brisbane bld., Buffalo, N. Y.  
*See adv index at end of book*  
Watervliet Paper Co., Watervliet, Mich.  
West Virginia Pulp & Paper Co., 200 5th av, New York. Mills: Davis, W. Va.  
Whiting George A. Paper Co., Menasha, Wis.  
Whiting Paper Co., Holyoke, Mass.  
Whiting-Plover Paper Co., Stevens Point, Wis.

**10738—Paper & Pulp Mills**

Star (\*) Indicates Wood Pulp Mills  
If the Main Office is not located at the Mill, the location of same follows after the Name

**CALIFORNIA.**

**ANTIOCH**—California Paper & Board Mills (Straw Board, Deadening Felts, Tag Board, etc). Office: San Francisco, Cal.  
**LOS ANGELES**—Los Angeles Paper Mfg. Co. (Box Board, Sheathing, Deadening Felts & Wrapping)  
Southern Board & Paper Mills (Box Board)  
**SAN FRANCISCO**—California Paper & Board Mills (Straw Board, Deadening Felts, Tag Board). Mills: Antioch, Cal.  
\*Crown Willamette Paper Co. (Manila, News, Sheathing, Hanging, Flaxing, Express, Bag, Fruit, Paraffine & Wrapping; also Ground Wood & Sulphite Fibre). Mills: Oregon City, Ore.  
Paraffine Paint Co. (Deadening & Saturating Felts & Sheathing Mills)

**CONNECTICUT.**

**ANDOVER**—Case Board Co. (Leather Board & Specialties)  
**BRIDGEPORT**—Tait & Sons Paper Co. (Box Board)  
**BURNSIDE**—Case & Marshall. Office: Hartford, Conn.  
East Hartford Mfg. Co. (Bonds, Lins, Parchment, Folding, Writing, etc)  
Taylor-Atkins Paper Co. (Bonds, Lins, Vellums & Writing)  
**COMSTOCKS BRIDGE**—Brown Howard Curtis (Card Middles, Coating & Lithograph, Papers)  
**DANBURY**—Beaver Brook Paper Mills (Mill Wrappers, etc.)



GLASTONBURY—Nabuc Paper Co. (Box Cloth, Button, Leather, Mill, Trunk & Wrapping Boards)  
 Riverside Paper Mfg. Co. (Binders Board, etc.)  
 HARTFORD—Case & Marshall (Rope, Board, Water Proof, Papers, etc), Mills: Burnside, Conn.  
 Hartford Board Co. (Binders' Leather & Straw Board)  
 Hartford Paper Co. (Book, Cologne, French Folio & Colored Papers), Mills: Poquonock, Conn.  
 HIGHLAND PARK—Case Bros. (Press Board, Jacquard Cards, Insulating Board, etc.)  
 HOP RIVER—Holland Leather Board Co. (Leather Board & Specialties)  
 MANCHESTER—American Writing Paper Co. (Writing Specialties in Paper, Fine Book, Cover & Plate Papers). Office: Holyoke, Mass.  
 Case A. Willard Co. (Imitation Press & Decorated Boards & Cover Papers, Poster & Mat Boards & Specialties)  
 Colonial Board Co. (Binders Board)  
 Foulds Wm. & Co. (Button, Straw, Binders & Leather Board)  
 Lydall & Foulds Paper Co. (Chipped Plain & Mill Lined Straw Board)  
 MONTVILLE—Keyes Products Co. (Refined Wood). Office: New York City  
 Robertson C. M. Co. (Bogus Wrapping Anti-Tarnish, Folding Box Boards, etc.)  
 Thames River Specialties Co. (Card Middles, Lithographing, Carton, etc.)  
 NEW HAVEN—National Folding Box & Paper Co. (Manila, Board, Single & Double Lined Chip Box Board). Mills: Ballston Spa, N. Y.  
 New Haven Pulp & Board Co. (Manila & White Folding Box Boards, News, etc.)  
 Parker Jos. & Son Co. (Blotting)  
 NORTH WESTCHESTER—Norton C. H. (Binders, Box Shoe & Trunk Board)  
 NORWALK—\*St. George Pulp & Paper Co (News & Hanging, also Ground Wood). Office: Sandy Hill, N. Y.  
 NORWICH—American Straw Board Co. (Box Board & Card Middles)  
 ONECO—Case-Risley Press Paper Co. (Rag Press Papers in All Colors & Hand Finished Boards)  
 POQUONOCK—Hartford Paper Co. (Book, Catalogue, French Folio & Colored Papers). Office: Hartford, Conn.  
 RAINBOW—Merwin Paper Co. (Insulating, Press & Shield Boards)  
 Rainbow Paper Mills (Richard R. Vernon, Prop.) (R. R., Impression Paper, Tissue & Copying)  
 RIVERTON—Riverton Co. (Yellow Railroad Copying & Oil Tissue)  
 SCITICO—Stowe J. D. & Sons (Leather Boards)  
 SEYMOUR—Beach S. Y. Paper Co. (Colored Specialties)  
 SOUTH COVENTRY—South Coventry Paper Co. (Binders', Box & Leather Boards)  
 SOUTHFORD—Diamond Match Co. (Binders' Straw, Album & Manila Board). Office: Chicago, Ill.  
 SOUTH GLASTONBURY—Wasuc Mills Co. (Binders, Straw, Album & Leather Board & Specialties)  
 SOUTH MANCHESTER—Brookside Paper Co. (Binders, Album & Trunk Board)  
 Case Bros. (Press Board, Jacquard Cards, Insulating Boards, etc.)  
 Rogers Paper Mfg. Co. (Press, Insulating, Jacquard, Shield & Leather Boards)  
 UNCASVILLE—Thames River Specialties Co. (Folding Box Boards, Card Middles, Coated Boards, etc.)  
 UNIONVILLE—Case Mfg. Co. (Colored, Hardware, Manila, Pattern & Rope)  
 VERSAILLES—Eastern Straw Board Co. (Straw Board, Folding, Box Board & Building)  
 WESTPORT—Westport Paper Co. (Binders, Leather, Trunk & Box Board)  
 WESTVILLE—Parker Jos. & Son Co. (Blotting)

WINDSOR LOCKS—American Writing Paper Co. (Boards & Manila, Rope & Jute Manilas). Office: Holyoke, Mass.  
 Anchor Paper Co. (White, Colored & Manila Tissues, Pattern, Toilet & Anti-Tarnish, White Shoe, French Folio, Stereotype, Manifold & Blue Selditz, Grass-Bleached Silver, Yellow, White & Manila R. R. Copying)  
 Dexter C. H. & Sons (Cover Papers, Tissues & Specialties, Manifold Linen Typewriter, Grass-Bleached Silver Tissues, White & Colored Tissues, Copying, Bristols)  
 Whittelsey F. H. Co. (Yellow Way Bill, Manila, White & Parchment Copying, White & Colored Tissue, Manifold, Grass-Bleached, Typewriter, Anti-Tarnished, Oiled Tissue & Boards & Train Orders, etc.)

## DELAWARE.

ELSMERE—Diamond State Fibre Co. Mills: Bridgeport, Pa.  
 GRANOGUE—Garrett Edwin (Tissue Manila & Colored). Office: Chester, Pa.  
 MARSHALLTON—Delaware Hard Fibre Co. (Rag Specialties). Office: Wilmington, Del.  
 NEWARK—Curtis & Bro. (Rag Book, Envelope, Specialties & Writings)  
 WILMINGTON—Delaware Hard Fibre Co. (Rag Specialties & Fibre Boards, etc). Mills: Marshallton, Del.  
*See adv index at end of book*  
 \*Jessup & Moore Paper Co. (Book, Paper & Soda Fibre). Office: Phila., Pa.  
 WOODDALE—Marshall & Mitchell (Special Paper for Making Vulcanized Fibre for Electrical & Mechanical Purposes)  
 YORKLYN—Marshall Bros. (Rag Papers for Vulcanized Fibre & Rag Specialties)

## DISTRICT OF COLUMBIA.

WASHINGTON—District of Columbia Paper Mfg. Co. (Finish Bond, Blotting, Embossed Flora Blottings, Cover, Matrix & Specialties), 3255 K, N W

## GEORGIA.

GORDON—Pynetree Paper Co. (See New York City)

## ILLINOIS.

ALTON—Alton Box Board & Paper Co. Straw Box Board & Plain Chip Board)  
 ANDERSON—Patent Vulcanite Roofing Co. (Felt)  
 AURORA—Monroe Binder Board Co. (Fibre)  
 CARLYLE—Carlyle Paper Co. (Straw Wrapping, Carpet, Building & Deadening Felts)  
 CHICAGO—American Straw Board Co. (Straw Board, Mill Lined; Chip Paper Stock, News, Combination Board), 122 S Michigan av  
 Central Box Board Co. (Straw Express, Ham & Rag Wrappings), 43d & Racine av. Mills: Rock Falls, Ill.  
 Chicago Coated Board Co. (Paper Box Boards, Plain, Mill Lined & Sheet Lined), 420 E North Water  
 Diamond Match Co. (White Coated, Colored and Manila Lined Board), 110 W Kenzie. Mills: Southford, Conn.  
 Ford Mfg. Co. (Boards, Express, Carpet Linings, Deadening Felts), 2339 La Salle (Br. St. Louis, Mo.)  
 Sall Mountain Co. (Asbestos Paper & Boards) 230 S La Salle. Mills: Rockdale, O.  
 EAST ST. LOUIS—General Roofing Mfg. Co. (Saturating & Deadening Felts, Building & Carpet Lining, Ready Roofings), 17th & Southern Ry  
 LOCKPORT—American Straw Board Co. (See Chicago, Ill.)

MARSEILLES—\*Crescent Paper Co. (Straw & Chip Board, Egg Case Fillers & Box Board, Manila Lined & Plain)  
 General Roofing Mfg. Co. (Building)  
 Marseilles Wrapping Paper Co. (Rope Papers, Glazed Express, Rag & Bag Papers)  
 MOLINE—Lewis F. J. Mfg. Co. (Roofing Felts)  
 MORRIS—Morris Paper Mill Co.  
 MOUNT CARMEL—United Paper Board Co. (Straw Board). Office: New York City  
 PEORIA—Barrett Co. (Roofing Felt) Office: New York City  
 Illinois Paper Co.  
 United Paper Board Co. (Straw Board). Office: New York City  
 QUINCY—American Straw Board Co. Office: Chicago, Ill.  
 Weis Paper Mill Co.  
 ROCK FALLS—Central Box Board Co. Straw, Express, Ham & Rag Wrapping). Office: Chicago, Ill.  
 ROCKFORD—Rockford Paper Box Board Co. (Straw, Chip, Jute & Combination Boards)  
 Rockford Paper Mills (Straw Board & Straw Wrapping)  
 ROCKTON—Rockton Paper Co.  
 TAYLORVILLE—E-Z Opener Bag Co. (Bag, Express & Manila)  
 VANDALIA—Ford Mfg. Co. (Roofing & Deadening Felt, Bottle Wrapper & Carpet Lining). Office: Chicago, Ill.  
 WILMINGTON—American Straw Board Co. (Chip, Paper Stock, News & Combination Boards)

## INDIANA.

ALBANY—Hart T. F. Paper Co.  
 ALEXANDRIA—Alexandria Paper Co. (Machine Finished Book & News)  
 BROOKVILLE—\*Thompson & Norris Co. (of Indiana) (Straw & Fibre Papers for Corrugating & Corrugated Paper & Bottle Packing). Office: Brooklyn, N. Y.  
 BROWNSTOWN—Kieffer Paper Co. (Rag, Lining, Corrugated Carpet & Packing Paper & Non-Absorbent Ham)  
 CARTHAGE—Carthage Board & Paper Co. (Binders' Board)  
 DELPHI—Delphi Straw Board Co.  
 EATON—Fort Wayne Corrugated Paper Co.  
 ELKHART—Wheat Paper Co.  
 EVANSVILLE—Funke Ferdinand Sons (Heavy Cloth Mill Wrapper Absorbent & Common Ham Wrapper & Feather Edge Fibre Work)  
 HARTFORD CITY—Fort Wayne Corrugated Paper Co. (Rope & Express)  
 Hartford City Paper Co. (Glassine, Greaseproof, Manifold, Embossed Parchmyn & Onion Skin Paper)  
 INDIANAPOLIS—Beveridge Paper Co. (White & Combination Boards, Bristols, Blanks & Silk Wrappers)  
 KOKOMO—Mid-West Box Co.  
 LAFAYETTE—Lafayette Box Board & Paper Co. (Straw Board, Plain & Mill Lined Sheet)  
 MARION—Marion Paper Co. (Folding Box Board, News Boards, Filled & Solid Pulp Boards, Plain & Grained Jute Board & Colored Board)  
 MOUNT VERNON—Mount Vernon Straw Board Co. (Plain & Lined Straw Board)  
 MUNCIE—Hinde & Dauch Paper Co. (Chip & Jute Board). Office: Sandusky, O.  
 NOBLESVILLE—American Straw Board Co. Office: Chicago, Ill.  
 PORTER—Sall Mountain Co. (Asbestos Paper & Boards, etc). Office: Chicago, Ill.  
 ROCKPORT—United Paper Board Co. (See New York City)  
 SOUTH BEND—La Salle Paper Co. (Express, Wrapping & Specialties)  
 TERRE HAUTE—Terre Haute Paper Co. Corrugating, Tube & Egg Case Boards, Straw & Rag Wrapping). Office: Dayton, O.  
 VINCENNES—Fort Wayne Corrugated Paper Co.  
 Indiana Board & Filler Co. (Plain & Mill Lined Straw Board)



**WABASH**—United Paper Board Co. (Straw Board, Doubled Straw & Paper Stock Boards, Chip, Paper, Stock, News & Combination Boards & Coated Box Boards). Office: New York City

### IOWA.

**CLINTON**—Clinton Paper Co. (Straw & Rag Wrapping)  
 Ford Mfg. Co. (Building Sheathing)  
 Klein Oscar  
**FORT MADISON**—Brown Paper Co. (Straw & Rag Wrapping)  
**TAMA**—Cherry J. G. Co. (Egg Case Fillers)

### KANSAS.

**COFFEYVILLE**—North Star Mfg. Co. (Straw Board & Egg Cases)  
**HUTCHINSON**—Hutchinson Box Board & Paper Co.  
**LAWRENCE**—Lawrence Paper Mfg. Co. (Straw Wrapping, Board & Corrugated Packing)

### LOUISIANA.

**BOGALUSA**—Great Southern Lumber Co. (Fibre Board)  
 Louisiana Fibre Board Co.  
**BRAITHWAITE**—E. Z. Opener Bag Co.

### MAINE.

**AUGUSTA**—\*Cushnoc Paper Co. (Envelope, Manila, Bag & Sack, Manila Wrapping, Yellow Writing, Laid & Wove, White Sulphite Papers, etc)  
**BANGOR**—Eastern Mfg. Co. (Loft & Machine Dried Ledger Linen & Writing, Bond & Envelope, etc)  
 \*Orono Pulp & Paper Co. (Bag, Coating, Manila, Envelope, Sulphite Fibre). Mills: Orono, Me.

**BAR MILLS**—National Fibre Board Co. (Fibre Board)  
**BELFAST**—Sherman & Co. (Leather Board)

**BRUNSWICK**—Pejepscot Paper Co. (News, Cover & Wrapping)  
**CHISHOLM**—\*International Paper Co., Office, New York City

**CUMBERLAND MILLS**—\*Warren S. D. & Co. (Book & Coated Paper & Soda Fibre), Office: Boston, Mass.

**EAST MILLINOCKET**—Great Northern Paper Co. (Ground Wood)

**EAST POLAND**—National Fibre Board Co. (Fibre Board & Horn Fibre), Office, Boston, Mass.

**FAIRFIELD**—United Box Paper Board Co. (Ground Wood), Office: New York City

**GARDINER**—\*Hollingsworth & Whitney Co. (Manila, Writing & Railroad Manila & Ticket, Parchment, Waxed Manilas, Linings & Packers), Office: Boston, Mass.

\*Warren S. D. & Co. (Machine-Finished & Super-Calendered Book), Office: Boston, Mass.

**GREAT WORKS**—\*Penobscot Chemical Fibre Co. (Soda Fibre), Office: Boston, Mass.

**HOWLAND**—\*Howland Pulp & Paper Co. Sulphite Fibre)

**KENNEBUNK**—Leatheroid Mfg. Co. National Fibre Board Co. (Leather & Fibre Board), Office: Boston, Mass.

**LINCOLN**—\*Katahdin Pulp & Paper Co. (Sulphite Fibre), (Br. Eastern Mfg. Co., Bangor, Pa.)

**LISBON FALLS**—Pejepscot Paper Co. (Sulphite Fibre)

**LIVERMORE FALLS**—\*International Paper Co. (Pulp Boards & Mill Wrappers & Ground Wood), Office: New York City

**MADISON**—\*Great Northern Paper Co. (News & Manila Paper & Sulphite Fibre & Ground Wood), Office: New York City  
 Hollingsworth & Whitney Co.

**MECHANIC FALLS**—Poland Paper Co. (Book Writing & Lithograph)

**MILLINOCKET**—\*Great Northern Paper Co. (News, also Ground Wood), Office: New York City

**NEWHALL**—\*du Pont E. I. de Nemours Powder Co. (Ground Wood Flour), Office: Wilmington, Del.

**OLDTOWN**—\*Nekonegan Paper Co. (Ground Wood)

**ORONO**—\*International Paper Co. (News, also Ground Wood), Office: New York City

\*Orono Pulp & Paper Co. (Bag, Coating, Manila & Envelope, also Sulphite Fibre), Office: Bangor, Me.

**PORTLAND**—Berlin Mills Co. (Bond, Fibre, Kraft Wrapping, Sulphite Pulp, Sheathing, Carpet Lining, Mill Wrappers, etc)

\*Burgess Sulphite Fibre Co. (Bleached & Unbleached Sulphate Fibre), Mills, Berlin, N. H.

**RILEY**—\*International Paper Co. (Ground Wood), Office: New York City

**RUMFORD**—\*International Paper Co. (News, Manila, Bag, also Ground Wood & Sulphite Fibre), Office: New York City

\*Oxford Paper Co., Office: New York City

**SHAWMUT**—\*Shawmut Mfg. Co. (Ground Wood)

**SKOWHEGAN**—\*Riverside Pulp Co. (Ground Wood)  
 Savage Mfg. Co.

\*Skowhegan Pulp Co. (Ground Wood)  
**SOLO**—\*International Paper Co. (Ground Wood), Office: New York City

**SOUTH BREWER**—\*Eastern Mfg. Co. (Ledger, Writing & Envelope, also Sulphite Fibre & Ground Wood), Office: Bangor, Me.

**SOUTH WINDHAM**—\*Androscoogin Pulp Co. (Wood Pulp Board, also Ground Wood), Office: Boston, Mass.

**STEEP FALLS**—Androscoogin Pulp Co., Office: Boston, Mass.

**WEST ENFIELD**—International Paper Co., Office, New York City

**WINSLOW**—\*Hollingsworth & Whitney Co. (Manila Fibre & Waxed Manilas, Linings & Packers, Railroad Manila & Ticket, also Sulphite Fibre & Ground Wood), Office: Boston, Mass.

**WOODLAND** (Washington County)—\*St. Croix Paper Co. (News, also Sulphite Fibre & Ground Wood), Office: Boston, Mass.

**YARMOUTHVILLE**—Warren S. D. & Co. (Soda Fibre), Office: Boston, Mass.

### MARYLAND.

**ASBESTOS**—Baltimore Roofing & Asbestos Mfg. Co.

**BALTIMORE**—Chesapeake Paperboard Co.  
**BENTLEYS SPRINGS**—Young Dan'l & J. B. (Roofing & Rag Wrapping)  
 Young Jos. W. (Straw Wrapping)

**CHESTERTOWN**—American Strawboard Co. (Straw Board, Plain, Mill Lined & Sheet Lined). Office: Chicago, Ill.

**CHILDS**—Marley Mill Corp.

**FREELAND**—Gore Howard M. (Manila & Rag Wrapping)

**HAGERSTOWN**—Antietam Paper Co. (Machine Finished & Super-Calendered Book)

**LUKE**—West Virginia Pulp & Paper Co. (Calendar, Blankbook, Label, Writing, etc.), Office: N. Y. C.

**ROWLANDSVILLE**—Felt Paper Co. (Roofing, Deadening & Dry Saturating Felt)

**WHITE HALL**—Fibre Fabric Co. Gunpowder Paper Mill

### MASSACHUSETTS.

**ADAMS**—Berkshire Hills Paper Co.  
 Brown L. L. Paper Co. (Linen Ledger & Record, All Linen, Bond, Bank Note, Parchment, etc.)

**BALDWINVILLE**—Adams A. L. Paper Co. (Tissue)

**BANCROFT**—Union Mill (Office: Bulkley, Dunton & Co., 75 Duane, New York City)

**BOSTON**—Androscoogin Pulp Co., 50 State Mills: South Windham & Steep Falls, Me.

Boston Paper Mfg. Co. (Fancy Printed), 15 Chardon

Crehore Chas. F. & Son (Press Boards & Jacquard Cards), 87 Milk Works: Newton Lower Falls, Mass.

Groton Leatherboard Co. (Heating & Counter Boards), 16 State, Mills: W. Groton, Mass.

Herkimer Fibre Co., 51 Lincoln. Mills: Herkimer, N. Y.

Hollingsworth & Vose Co. (Red Rope Roofing & Insulating; All & Part Rope Tag, Pattern Box Stay, Flour & Cement Sack & Specialties), 141 Milk

\*Hollingsworth & Whitney Co. (Manila Writing & Railroad Manila & Ticket Parchment, Waxed Manilas, Lining & Packers, Manila Fibre, Sulphite Fibre & Ground Wood), 185 Devonshire, Mills: Gardiner, Me., & Winslow, Me.

Mount Tom Sulphite Pulp Co., 50 State. Mill: Mt. Tom, Mass.

Munroe Felt & Paper Co. (Roofing Carpet Lining & Ingrain Hanging), 79 Summer, Mills: Lawrence, Mass.

National Fibre Board Co. (Fibre & Leather Board & Horn Fibre), 121 Beach, Mills, East Poland, Me., Kennebunk, Me., & Lawrence, Mass.

Penobscot Chemical Fibre Co. (Soda Fibre), 49 Federal, Mills: Great-Works, Me.

\*St. Croix Paper Co. (News, Sulphite Fibre & Ground Wood), 244 Washington. Mills: Woodland, Me.

Tileston & Hollingsworth Co. (Book, Lithograph, Card & Plate), 49 Federal, Mills: Hyde Park, Mass.

\*Warren S. D. & Co. (Book & Coated Paper, Soda Fibre, Machine Finished & Super-Calendered Book), 120 Franklin. Mills: 120 Franklin; Cumberland Mills, Me., & Gardiner, Me.

Wheelwright Geo. W. Paper Co. (Coating & Book, Bristol Boards, White & Tinted Blanks, Music, etc), 95 Milk. Mills: Fitchburg, Mass.; North Leominster, Mass., & Wheelwright, Mass.

**BRIDGEWATER**—Jenkins Geo. O. Co. (Leather Board), Office: Whitman, Mass.

**DALTON**—Crane Z. & W. M. (Extra Fine Writing)  
 Crane & Co. (Bank Note, Parchment & Bond)

Old Berkshire Mills Co. (Z. & W. Murray Crane, Props.) (Superfine Writings & Bristol Board)

Weston Byron Co. (Linen Ledger & Record)

**DANVERS**—Danvers Leather Co. (Leather Board)

**EAST PEPPERELL**—See Pepperell

**EAST WALPOLE**—Bird & Son ("Neponset" Roofing, Building, Sheathing, Hardware, Wrapping, Insulating & Special Waterproof Papers)

Hollingsworth & Vose Co. Office: Boston, Mass.

**ERVING**—Erving Paper Mills (Crepe & Tissue Specialties)

**FARLEY**—\*Farley Paper Co. (Colored Bristol & Card Middles; also Ground Wood)

**FITCHBURG**—Crocker, Burbank & Co. (Inc.), (Book, Bristol Board, Card, Blotting & Writing)

Falulah Paper Co. (Mill Blanks)  
 Fitchburg Paper Co. (Card, Coating, Book & No. 1 Hanging)

Wheelwright Geo. W. Paper Co. (Coating Paper), Office: Boston, Mass.

**HAVERHILL**—Haverhill Box Board Co. (Box Boards)

**HOLYOKE**—Advertisers Paper Mill (Covers, Texts & Vellum)

American Writing Paper Co. (Book, Envelope, Writing, Wedding Folios, Calendar & High Plate Finish, Bond, Linen & Ledger, Government Bond & Record Ledger, Colored Mediums, Drawing & Mimeograph, White & Colored Bristols)

Chemical Paper Mfg. Co. (Tub-Sized Writing, Envelope, Papeterie, Bonds, Linens, Folding Box Boards, Silk Boards, Detail Drawing & Cover)

Crocker-McElwain Co. (Writings, Ledgers, Bonds & Card Index Bristols)

Franklin Paper Co. (White & Colored Bristol Boards, White Blanks & Index Bristols)

Japanese Tissue Mills (Crystal Crepe & Decorating Paper, Paper Napkins & Fancy Decorated Tissues)

Mt. Holyoke Tissue Mill. Mills: South Hadley



Newton Paper Co. (Sheathing, Deadening Felt, Wool Felt, Heavy Wrappers, Jute & Rope Manila & Specialties, Corrugated Blue Carpet Lining Felt)  
 New York-New England Co. (Cover, Card Board, Photograph & Calendar Mounting Boards)  
 Parsons Paper Co. (Bonds, Ledgers, Bristols & Linens)  
 Taylor-Logan Co. (Book, Cover, Bond, Envelope, Papeterie, Vellum & Special Finish Papers)  
 Valley Paper Co. (Bonds, Linens, Ledgers, Photographic Papers)  
 Whiting Paper Co. (Writing)  
 Whitmore Mfg. Co. (Surface Coated, Enameled Covers & Cardboard)  
**HOUSATONIC**—Rising B. D. Paper Co. (Bond, Linen & Ledgers, Wedding & Index Bristols)  
**HUNTINGTON**—American Writing Paper Co. (Writing). Office: Holyoke, Mass.  
**HYDE PARK**—Tileston & Hollingsworth Co. (Book, Lithograph, Card & Plate). Office: Boston, Mass.  
**LAWRENCE**—Champion International Co. (Soda & Sulphite Fibre)  
 Merrimac Paper Co. (Super-Calendered & Machine Finished & Enameled Book, Coated Lithograph, Writing, Music & Envelope)  
 Munroe Felt & Paper Co. (Roofing, Carpet Lining & Ingrain Hanging). Office: Boston, Mass.  
**LEE**—Eaton-Dikeman Co. (Blotting & All Grades of Absorbent Papers)  
 Mountain Mill Paper Co. (High Grade Ledgers & Specialties)  
 Smith Paper Co. (Copying, Silver, Roll, Colored, Condenser, Typewriter, Wrapping & Carbon Tissues)  
**MILLERS FALLS**—Millers Falls Paper Co. (Book, Cover, Index Bristol, Bond & Tinted Superfines)  
**MITTINEAGUE**—American Writing Paper Co. (Writing, Bond, Russian Linen Ledger & Wedding Board). Office: Holyoke, Mass.  
 Southworth Co. (Bonds, Linens, Ledgers & Folded Papers)  
 Strathmore Paper Co. (Bond, Book, Cover, Drawing, Board, Wedding, Mounting, etc.)  
 Worthy Paper Co. Ass'n (Bond, Ledger, Linen Fine, Superfine, Pasted Wedding Board & Fancy Covers, Deckle Edged)  
**MONROE BRIDGE**—\*Monroe Bridge Paper Co. (White & Colored Manila Bristol, Manila Tag Board, Duplex Board, Cover & Colored Specialties; also Ground Wood)  
**MOUNT TOM**—\*Mount Tom Sulphite Pulp Co. (Bleached Sulphite Fibre). Office: Boston, Mass.  
**NEW BEDFORD**—Pairpoint Corporation (Straw Board, Heavy Baling & Case Lining Papers)  
**NEWTON LOWER FALLS**—Crehore Chas. F. & Son (Press Board & Jacquard Cards). Office: Boston, Mass.  
**NORFOLK**—Wall J. F. & Son ("Juniper" Sheathing, Wrapping, Roofing, Building, etc.)  
**NORTH DIGHTON**—Lincoln L. & Co. (Manila, Sheathing, Tack & Tailors' Pattern)  
**NORTH LEOMINSTER**—Wheelwright Geo. W. Paper Co. (Bristol Boards, White & Tinted Blanks, Coating & Book). Office: Boston, Mass.  
**NORTH WILBRAHAM**—Collins Mfg. Co. (Writing)  
**OTTER RIVER**—Otter River Board Co. (Binders & Trunk Boards)  
**PEPPERELL**—Nashua River Paper Co. (Book, Lithograph, Coating & Writing)  
**PITTSFIELD**—Eaton, Crane & Pike Co. (Bond & Writing, etc.)  
**RUSSELL**—Chapin & Gould Paper Co. (Bond Ledger & Writing). Office: Springfield, Mass.  
 Westfield River Paper Co.  
**SOUTH HADLEY**—Japanese Tissue Mills (Fancy Colored Tissues, Crystals, Crepe Decorating Papers). Office: Holyoke, Mass.  
 Mount Holyoke Tissue Mills. Office: Holyoke, Mass.

**SOUTH HADLEY FALLS**—Carew Mfg. Co. (Ledgers, Bonds, Linens & Typewriter Papers)  
 Hampshire Paper Co. (Bond & Typewriter)  
**SOUTH LEE**—American Writing Paper Co. (Writing). Office: Holyoke, Mass.  
**SPRINGFIELD**—Chapin & Gould Paper Co. Mills: Russell, Mass.  
**TOWNSEND HARBOR**—Spaulding J. & Sons Co. (Fibre Boards). Office: North Rochester, N. H.  
**TURNERS FALLS**—Esleek Mfg. Co. (Onion Skin, Manifold Type-writer, Bond & Linens)  
 International Paper Co. (High Grade Cotton Waste, News; also Ground Wood). Office: New York  
 Keith Paper Co. (Writing, Bond, Ledger, Wedding Bristols & Specialties)  
**WALTHAM**—Roberts John & Son Co. (Asbestos, Sheathing & Wrapping)  
**WEST DUDLEY**—Burmus Paper Co. (Manila, Lining, Bogus & Specialties)  
**WESTFIELD**—Crane Bros. (Linen Ledger, Linen Writing, Linenoid Goods)  
**WEST GROTON**—Groton Leather Board Co. (Heeling & Counter Board). Office: Boston, Mass.  
 Hollingsworth & Vose Co. (Red Rope Roofing & Insulating, All & Part Rope Tag Pattern, Box Stay, Flour & Cement Sack & Specialties). Office: Boston, Mass.  
**WHEELWRIGHT**—Wheelwright Geo. W. Paper Co. (Book Coating & Music). Office: Boston, Mass.  
**WHITMAN**—Jenkins Geo. O. Co. (Leather Board)  
**WORONOCO**—Strathmore Paper Co. (Bond, Ledger, Bristol, Wedding, Typewriter, Cover, etc.)

## MICHIGAN.

**ALPENA**—\*Fletcher Paper Co. (Fibre, Bag & Manila, also Sulphite Fibre, Ground Wood)  
**BATTLE CREEK**—Michigan Carton Co. (Box, Combination & Coated Boards)  
**CAPAC**—Capac Paper Co. (Sanitary Fibre Products, Box Boards, etc.)  
**CHEBOYGAN**—\*Cheboygan Paper Co. (News, also Ground Wood & Sulphite Fibre)  
**CHILDSDALE**—Childsdales Paper Co. (Straw, Chip, Colored & Pulp Boards)  
**CONSTANTINE**—Constantine Board & Paper Co. (Express, Fibre, Ham & Box Board)  
**DETROIT**—\*Detroit Sulphite Pulp & Paper Co. (High Grade Envelope, Wrapping, Documents, Manila, Tag Board, Bristols, Cover & Specialties also Sulphite Fibre)  
**GRAND RAPIDS**—American Box Board Co. (High Grade Box & Corrugated Boards)  
**GROOS**—\*Escanaba Pulp & Paper Co.  
**JACKSON**—Michigan Bag & Paper Co. (Bag Paper & "Ever-ready," Quick Opening Bags & Satchel Bottom & Square Bags)  
**KALAMAZOO**—Bryant Paper Co. (Machine Finished & Super-Calendered Book, Map, Lithograph, Label, Music, Folder, Drawing, Rag & Wood Envelope, Tinted Laid Flats & Tub Engine-Sized Writings, French Folio & Specialties)  
 Hawthorne Paper Co. (Ledger, Bond & Writing)  
 Kalamazoo Paper Co. (Map, Writing, Envelope, Bond, Card & Coating, Book, Lithograph & Colored & Laid Flats)  
 Kalamazoo Vegetable Parchment Co. (Vegetable Parchment & Wax)  
 King Paper Co. (Book, Folder, Label, Lithograph, Map, Envelope & Writing)  
 Monarch Paper Co. (Machine Finished & Super-Calendered Book, Lithograph, Card, Coating, Folders & Tablet)  
 Rex Paper Co.  
 Riverview Coated Paper Co. (Coated Paper & Cardboard)  
 Standard Paper Co. (Card Middles & Box Boards)  
 Western Board & Paper Co.

**MENOMINEE**—Marinette & Menominee Paper Co. (See Marinette, Wis.)  
**MONROE**—Boehme & Rauch Co. (Patent Coated & Combination Box Boards)  
 Monroe Binder Board Co. (Binders, Buggy & Backing Board)  
 Monroe Paper Co. (Straw, Rag, Wrapping & Lining Papers)  
 River Raisin Paper Co. (Folding Box Board, Shipping Cases, etc.)  
**MUNISING**—\*Munising Paper Co. (Bond, Fibre & Specialties, also Sulphite Pulp)  
**MUSKEGON**—\*Central Paper Co. (Fibre Manila, also Sulphite Fibre)  
**NILES**—\*French Paper Co. (Super-Calendered & Machine Finished Book)  
 \*Niles Board & Paper Co. (Straw, Chip, Manila Lined & Colored Board, also Ground Wood)  
**OTSEGO**—Bardeen Paper Co. (Book, Blotting, Cover, French Folio, Matrix, Map, Poster & Writing, Label, Ticket, Bible, Drug, Mimeograph, Parchment, Railroad Manila, Music, Paraffine, Coupon & Rag Papers, Felts, Ham, Express & Mill Wrappers)  
 Mac-Sim-Bar Paper Co. (Bristols, Sign Board, Saturating, Roofing & Deadening Felts, Card Middles, Document, Plain & Coated Box Boards, Plain & Duplex Bag, Tough Check, Rope & Fibre Papers, Cap, Wool, Building, Mill Wrappers, Corrugated Carpet Lining, Bottle Wrappers)  
 Otsego Coated Paper Co. (Coated Papers, etc.)  
 Wolverine Paper Co.  
**PALMYRA**—Mitchell & Son Co. (Rag Wrapping, Sheathing & Mill Wrappers)  
**PLAINWELL**—Michigan Paper Co. (Machine Finished Book, White & Colored French Folio, Catalogue, Pattern & Non-Fading Poster)  
**PORT HURON**—Port Huron Sulphite & Paper Co. (Sulphite Papers & Light Weight Specialties)  
**ROCHESTER**—Barnes Paper Mills (Book, News, Tobacco & Wrapping)  
**ST. JOSEPH**—Mullen Bros. Paper Co. (Building & Specialties)  
**THREE RIVERS**—Eddy Paper Co. (Card Middles, Bristols, Bogus Bristols, Bag & Specialties)  
**VICKSBURG**—Lee Paper Co. (Bond, Ledger, Envelope, Plated & Linen Loft-Dried Papers)  
**WATERVLIET**—Watervliet Paper Co. (Jute, Container, News & Combination Boards)  
**WHITE PIGEON**—Eddy Paper Co.  
**YPSILANTI**—Peninsular Paper Co. (Bond, Cover, Flats & Specialties)

## MINNESOTA.

**BRAINERD**—Northwest Paper Co. (Ground Wood)  
**CLEARWATER**—\*Mukle Bros. Mfg. Co.  
**CLOQUET**—\*Northwest Paper Co. (News & Manila, also Ground Wood)  
**GRAND RAPIDS**—\*Itasca Paper Co. (News, also Ground Wood)  
**INTERNATIONAL FALLS**—Minnesota & Ontario Power Co. (Sulphite)  
**LITTLE FALLS**—\*Hennepin Paper Co. (News, Manila, also Ground Wood). Office: Minneapolis, Minn.  
**MINNEAPOLIS**—\*Hennepin Paper Co. (News, Manila & Ground Wood), Plymouth bldg. Mills: Little Falls, Minn.  
 Minnesota & Ontario Power Co. (News), Andrus bldg  
 Nelson B. F. Mfg. Co. (Bldg. Paper, Box Board & Roofing)  
**ST. PAUL**—Waldorf Box Board Co. (Manila Chip, Cracker Shell Colored Suit & Combination Boards), Pillsbury & Myrtle & Wabash av  
**SARTELL**—\*Watab Pulp & Paper Co. (News, also Ground Wood)  
**WINONA**—Union Fibre Co. (Degummed Flax Fibre & Mineral Wool Boards, Insulators, Building Sheathing, etc.)

## MISSISSIPPI.

**MOSS POINT**—Southern Paper Co. ("Kreole," Kraft & Wrapping)



## MISSOURI.

ST. LOUIS—Ford Mfg. Co., 3rd & Biddle.  
General Roofing Mfg. Co., Boatman's  
Bank bldg.

## NEW HAMPSHIRE.

BATH—Cushman & Rankin Co. (Fibre  
Leather Board)  
BENNINGTON—Monadnock Paper Mills  
(Machine Finished & Super-Calen-  
dered Book, English Finish, Music,  
Lithographic, Envelope & Coat-  
ing)  
BERLIN—\*Berlin Mills Co. (News, also  
Ground Wood & Sulphite Fibre)  
\*Burgess Sulphite Fibre Co. (Bleached  
& Unbleached Sulphite Fibre),  
Office: Portland, Me.  
International Paper Co. (News & Card  
Middles), Office: New York City  
BRISTOL—\*Mason-Perkins Paper Co.  
(News, Colored Poster & Box Lin-  
ing, also Ground Wood)  
CLAREMONT—Claremont Paper Co.  
(Drawing, Super-Coating, Book,  
Manila)  
FRANKLIN—\*International Paper Co.  
(News, No. 2 Book, Manila Spe-  
cialties, also Ground Wood). Of-  
fice: New York City  
GROVETON—\*Odell Mfg. Co. (Fibre &  
Manila, also Sulphite Fibre)  
HINSDALE—Ashuelot Paper Co. (Tissue,  
Yellow Copying & High Grade  
Tissues)  
Fisk Paper Co. (White & Manila Tis-  
sue & Toilet Papers)  
Robertson Bros. (White & Colored  
Tissue Manila in Rolls)  
Robertson E. C. & Son (Aseptic Pa-  
pers, Tissue Manila, White & Col-  
ored Tissue in Rolls & Large  
Sheets)  
Robertson G. A. & Co. (Tissue Manila  
& Toilet, Rolls & Large Sheets)  
Robertson Orrin C. Co. (Manila &  
White Tissue)  
LINCOLN—\*Henry J. E. & Sons Co. (Sul-  
phite Fibre)  
Henry Paper Co. (Sulphite Bag, Ma-  
nila & Envelope)  
MANCHESTER—Amoskeag Paper Mill  
Co. (Book Paper)  
MILTON—Milton Leather Board Co.  
(Leather Board)  
Spaulding J. & Sons Co. (Fibre)  
*See adv index at end of book*  
NORTH ROCHESTER—Spaulding J. &  
Sons Co. (Fibre Boards), Mills,  
Townsend Harbor, Mass.  
PLYMOUTH—Livermore Falls Pulp Co.  
(Ground Mill)  
SUNAPEE—\*Emerson Paper Co. (Book  
Paper, also Ground Wood)  
WADLEYS FALLS—Lee Fibre Co.  
(Leather & Fibre Boards)  
WEST CLAREMONT—Coy Paper Co.  
(Tissue Manila)  
Jarvis Paper Mills (Russell Jarvis,  
Prop.)  
WEST HENNIKER—Contoocook Valley  
Paper Co. (Book, Card & Special-  
ties in Strong Papers)  
WEST HOPKINTON—Davis Paper Co.

## NEW JERSEY.

BLOOMFIELD—Davey E. H. Co. (Trunk,  
Binders & Friction Boards, High  
Grade Tar Boards)  
Diamond Mills Paper Co. (Copying,  
Carbon, Cigarette & Tissues). Of-  
fice: New York City  
BOGOTA—Bogota Paper & Board Co.  
Continental Paper Co. (Box & Litho-  
graph Boards, Card Middles &  
Coating Boards)  
Federal Paper Board Co.  
BOONTON—Field & White Co. (Roofing  
& Deadening Felts). Office: New  
York City  
BUTLER—Pequannock Valley Paper Co.  
(Tissue Manila)  
CAMDEN—\*Mac Andrews & Forbes Co.  
(Box Board, etc.)  
West Jersey Paper Mfg. Co. (Rope  
Manilas, All Grades)  
CLIFTON—Clifton Paper Mills  
ELIZABETH—Barrett Mfg. Co. (Roofing  
& Building)  
GARFIELD—Hammerschlag Mfg. Co.  
(Waxed Papers & Tissues, Entire  
Product Consumed in Their Own  
Factory). Office: New York City

GLOUCESTER—Hinde & Dauch Paper Co.  
(Bogus, Felt, Chip & Indented  
Board). Office: Sandusky, O.  
HAMBURG—Union Waxed & Parchment  
Paper Co. (Tissue & Waxed Pa-  
pers)  
HOBOKEN—Hoboken Paper Mill Co.  
(Lining, Manila, Building & Spe-  
cialties)  
JERSEY CITY—Boyle John F. Co. (News  
& Straw Boards), 500 Montgomery  
Davey W. O. & Sons (Binders, Fric-  
tion & Trunk Board), 174 Laid-  
law av  
Leo Jas. Co. (Chip & Combination  
Box Boards), 251 Varick  
Stratford Paper Co. (Cigarettes, etc.),  
170 Cornelson av  
LAMBERTVILLE—Bergen Paper Co. (Dry  
Saturated Felts)  
Gandy Wm. H. (Est. of), (Tissue Ma-  
nila & Copying)  
Mann Wm. Co. (Railroad Copying &  
Manifold Papers). Office: Phila.,  
Pa.  
LITTLE FERRY—Bergen Paper Co.  
(Deadening Felt)  
MILFORD—Warren Mfg. Co. (Sand &  
Music Paper, Rope Tag & High  
Grade Specialties Made from Ma-  
nila Fibre)  
MILLBURN—Diamond Mills Paper Co.  
(Cigarette, Pattern, Copying &  
Tissue). Office: New York City  
Fandango Mills (Binders Boards)  
MORRISTOWN—Muir James A. (Binders'  
Board)  
NEWARK—Albey Bros., 149 Meeker av  
Newark Boxboard Co., Blanchard  
Waverly Paper Box Board Co. (Box  
Boards), Weston av  
NUTLEY—La Monte Geo. & Son (Safety  
Papers & Specialties, Bankers'  
Safety, Railroad Ticket, Writings  
& Animal-Sized Papers in Rolls,  
Quadrille)  
White Springs Paper Co. (White Tis-  
sue)  
PASSAIC—Paterson Parchment Paper Co.  
RIEGELSVILLE—Warren Mfg. Co. Ma-  
nila Jute & Rope, Rope Bristol in  
15 Colors). Office: New York  
City  
WANAQUE—Wanaque River Paper Co.  
(Super-Calendered & Machine  
Finished Book). Office: New  
York City  
WHIPPANY—McEwan Bros. (News &  
Folding Paper Box Boards)  
United Paper Board Co. (Patent News  
Board & Chipped Board). Office:  
New York City

## NEW YORK.

AMSTERDAM—Smeallie & Voorhees (Pa-  
per Board)  
ANCRAM—Ancram Paper Mill (White,  
Colored, Manila & Anti-Rust Tis-  
sue & Specialties in Tissue). Of-  
fice: New York City  
AUSABLE FORKS—\*Rogers J. & J. Co.  
(Bag, Envelope, Hardware & Ma-  
nila, also Sulphite Fibre)  
BALDWINVILLE—Hoffman R. S.  
BALLSTON SPA—Ballston Fibre Products  
Co.  
National Folding Box & Paper Co.  
(Manila, Board & Single & Double  
Lined Chip Box Board). Office:  
New Haven, Conn.  
Riverside Pulp & Paper Co.  
BATTENVILLE—Phoenix Paper Co.  
(White & Manila Tissue Sheets &  
Jumbo Rolls). Office: Greenwich,  
N. Y.  
BEAVER FALLS—\*Lewis J. P. Co. (Ma-  
nila, Jute & Combination Boards,  
also Ground Wood)  
\*Lewis, Slocum & Lefevre Co. (Ground  
Wood)  
BINGHAMTON—Bayless Pulp & Paper Co.  
BLOSSVALE—Blossvale Paper Co. (White  
& Manila Tissue)  
BROWNVILLE—\*Brownville Board Co.  
(Tag Board, Document & Manila  
& Manila Folding Box Boards,  
also Ground Wood)  
\*Brownville Paper Co. (Railroad Ma-  
nila, Colored Poster, Glazed Fibre  
& Colored Specialties, also Ground  
Wood)  
\*Harmon Paper Co. (Book, News, Ma-  
nila & Colored Specialties, also  
Ground Wood)

CADYVILLE—International Paper Co.  
(Ground Wood)  
CAMDEN—Burnham Asa C. (Cash Regis-  
ter Paper)  
CANAN—Heffermann Paper Co., Office:  
New York City  
CARTHAGE—\*Carthage Sulphite Pulp &  
Paper Co. (Sulphite Fibre)  
\*Carthage Tissue Paper Mills (Manila,  
White & Colored Tissue & Toilet  
Paper, Packages & Rolls)  
\*Champion Paper Co. (Manila, also  
Ground Wood)  
\*Island Paper Co. (Manila, Bag &  
Dry Fibre, also Ground Wood)  
\*West End Paper Co. (News)  
CASTLETON—Fort Orange Paper Co.  
(Buckskin & Columbia Box  
Boards, Card Middles, Silk Wrap-  
pers, Jacquard Boards, Feather-  
weight Textile Boards), Office:  
New York City  
Ingalls & Co. (Binders' Board)  
CHATEAUGAY—\*Chateaugay Pulp Co.  
(Ground Wood)  
\*High Falls Pulp & Paper Co. (News,  
Hanging, also Ground Wood)  
CLAYVILLE—Clayville Paper Mills Co.  
(Toilet)  
COHOES—Snyder W. W. Mfg. Co. (Straw  
Board)  
CORINTH—International Paper Co. (News,  
Manilas, etc.)  
DE FERIET—\*St. Regis Paper Co. (News,  
also Ground Wood & Sulphite Fi-  
bre). Office: Watertown, N. Y.  
DEXTER—\*Dexter Sulphite Pulp & Paper  
Co. (Fibre Wrapping & Bag Pa-  
pers, also "Mitcherlich" Sulphite  
Fibre & Ground Wood)  
Warren Parchment Co.  
ELBRIDGE—Paddock Tube Paper Co.  
(Straw Boards)  
ENDICOTT—Endicott-Johnson & Co. Mills:  
Lestershire, N. Y.  
FALLSBURG—Lefevre Edw. Y. (Cloth  
Lined Tissue, Crinkled & Light  
Weight Manila)  
FAYETTEVILLE—Lawless Paper Co. (Ma-  
nila & Tissue). Office: Rochester,  
N. Y.  
McIntyre Bros. & Roubeshush (Tissues)  
FELTS MILLS—Lefevre A. H. (Ground  
Wood)  
Taggarts Paper Co. (News & Colored  
Poster & No. 2 Manila, also  
Ground Wood). Office: Watertown,  
N. Y.  
FORESTPORT—\*Pennington A. R. & Co.  
(Ground Wood)  
FORT EDWARD—International Paper Co.  
(Sulphite Fibre), Office: New York  
City  
FORT MILLER—\*Fort Miller Pulp & Pa-  
per Co. (Hanging, also Ground  
Wood)  
FRANKFORT—Greasonia Paper Mills Co.  
(Tissue Paper)  
FULTON—Arrowhead Mills, Inc. (Sulphite  
Pulp)  
Eureka Paper Co. (Rope, Fibre, Ex-  
press, Manila & Saturating &  
Specialties)  
Granby Pulp & Paper Co. (Light  
Weight Manilas, News & White  
Lining)  
North End Paper Co. (White Tissue)  
\*Oswego Falls Pulp & Paper Co.  
(News, Hanging, Wood Pulp &  
Combination Board)  
Victoria Paper Mills Co. (Manila &  
White Tissues in Sheets & Rolls,  
Toilet Papers in Rolls & Pack-  
ages, Tissue Specialties, Bags,  
Sacks, etc.)  
Volney Paper Co. (Saturated Felts)  
GLENS FALLS—Fitch, Pruyn & Co. (Inc.)  
News & Half Tone, also Ground  
Wood)  
International Paper Co. (News &  
Hanging, also Ground Wood). Of-  
fice: New York City  
GOUVERNEUR—\*Aldrich Paper Co.  
(Wood Pulp). Office: Watertown,  
N. Y.  
GREAT BEND—\*Taggarts Paper Co.  
(Hanging & Tablet). Office: Wa-  
tertown, N. Y.  
GREENWICH—\*Bandy Paper Co. (Tag,  
Manila & Special Papers for Glaz-  
ed Paper & Cardboard). Office:  
Schuylerville, N. Y.  
Continental Paper Bag Co. Office:  
New York City  
Mohican Pulp & Paper Co.  
Phoenix Paper Co.



**HADLEY**—\*Union Bag & Paper Co. (Bag & Manila, also Ground Wood). Office: New York City  
**HANNAWA FALLS**—Hannawa Falls Water Power Co.  
**HARRISVILLE**—\*Diana Paper Co. (Tissue & Light Weight Colored, also Ground Wood)  
**HERKIMER**—Herkimer Fibre Co. (Leather & Fibre Board). Office: Boston, Mass.  
**HINCKLEY**—\*Hinckley Fibre Co. (Sulphite Fibre)  
**HUDSON FALLS**—St. George Pulp & Paper Co.  
 Union Bag & Paper Co. (Wall, Manila, Express & Bag), Office: New York City  
**ITHACA**—Brown Paper Co.  
 Empire Paper Co. (Tissue for Waxing)  
**LESTERSHIRE**—Endicott-Johnson & Co. (Manufacture Leather Board for Their Own Use), Office: Endicott, N. Y.  
**LITTLE FALLS**—Kingston's Wm. Son (Roofing, Dry, Saturating & Deadening Felts, Building & Carpet Linings)  
 Mohawk Valley Paper Co.  
**LOCKPORT**—Fibre Corporation (Indurated Ware & Ground Wood)  
 Lockport Paper Co. (Roofing Felt, Deadening, Sheathing & Heavy Wrapping)  
 Niagara Paper Mills (Covers & Fine Specialties)  
 United Paperboard Co. (Manila Coated & Combination Boards, Card Middles & Specialties), Offices: New York City  
**LYONSDALE**—Ager C., Leonard J. (Straw & Shivy Fibre)  
 \*Moyer & Pratt (Manila & Fibre, also Ground Wood)  
**LYONS FALLS**—Gould Paper Co. (News, No. 2 Manila, also Sulphite Fibre & Ground Wood)  
 \*Moyer & Pratt  
**McKEEVER**—See Thomson, N. Y.  
**MALONE**—\*Malone Paper Co. (News, also Ground Wood)  
**MARCELLUS FALLS**—Onondaga Paper Co. (Screening, Express, Fibre, Manila & White Tissue, Colored Specialties)  
 Marcellus Paper Co. (Express, Screenings, Mill Wrappers & Hardware), Office: Syracuse, N. Y.  
**MECHANICSVILLE**—\*West Virginia Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Lithograph & Varnish Label, also Bleached Soda & Sulphite Fibre), Office: New York City  
**MELLENVILLE**—Berkshire Box & Paper Co. (Box Board, Wrapper, Card Middles, Lined & Unlined Folding Box Board)  
 Van Buren J. M. & Co. (Wrapping)  
**MIDDLE FALLS**—\*Stevens & Thompson Paper Co. (Tissue & Manila Tissue, also Ground Wood)  
**MUMFORD**—Gardner L. H. Paper Co. (Manila Tissue & Toilet)  
**NAPANOCH**—Hornbeck's John C. Sons (Wood Flour)  
 Humphrey & Young (Light & Heavy Bogus, Wrapping & Butchers' Manila)  
 Ulster Tissue Mills, Inc.  
**NATURAL DAM**—Aldrich Paper Co. (Sulphite Fibre)  
**NEWBURGH**—Holden Paper Co. (Book)  
 Little Falls Paper Co. (Tissue & Tissue Manila)  
**NEWTON FALLS**—\*Newton Falls Paper Co. (Sulphite Fibre), Office: Watertown, N. Y.

## NEW YORK CITY.

## Borough of Brooklyn.

**BROOKLYN**—Bainbridge's Chas. T. Sons (White Tissue Used in Our Own Manufacturing of Crepe Tissue)  
 2 Cumberland  
 Thompson & Norris Co. (Straw & Fibre Paper for Corrugating & Corrugated Paper & Bottle Packing), c Concord & Prince, Mills, Brookville, Ind.  
 Tidewater Paper Mills Co. (News), 32-33d  
 Warren Mfg. Co. (Rope Paper, Sand Paper, Music Paper, Rope, Tag & High Grade Specialties Made from Manila Fibre), 217 Morgan av

## Boroughs of Manhattan and Bronx.

**NEW YORK**—Ancram Paper Mills (White, Colored, Manila & Anti-Rust Tissue & Specialties in Tissue), 150 W 22nd. Mills: Ancram, N. Y.  
 Barrett Co. (Roofing Felt), 17 Battery pl. Mills: Peoria, Ill.  
 Bulkley, Dunton & Co. (Card Middles, Book, etc.), 75 Duane  
 Continental Paper Bag Co. (Toilet Papers, High Grade White Colored & Manila Tissues, Lightweight Specialties), 17 Battery pl  
 Diamond Mills Paper Co. (Copying, Carbon, Pattern, Cigarette Tissues, Typewriter & Silver Tissue), 44 Murray  
 Field & White Co. (Roofing & Deadening Felts), 116 Nassau  
 Fort Orange Paper Co. (Buckskin & Columbia Box Boards, Card Middles, Silk Wrappers, Jacquard Boards), 200 5th av  
 \*Great Northern Paper Co. (News & Manila Paper, Sulphite Fibre & Ground Wood), 30 E 42d. Mills: Madison, Me.  
 Hammerschlag Mfg. Co. (Waxed & Parchment Paper, etc), 232 Greenwich  
**Heffernan James P. Paper Co.**, 25 Water. Mills: Canaan, N. Y.  
 \*International Paper Co. (News, Manillas, Fibre), 30 Broad  
 Johns H. W.-Manville Co. (Asbestos Paper & Mill Board), Madison av & 41st  
 Keyes Products Co. (Refined Woods), 120 B'way  
 La Monte Geo. & Son (Safety Paper), 61 B'way, New York  
 New York & Penna Co. (Soda Fibre Dry in Rolls, Bond, White & Colored Machine Finished & Super-Calendered Book, Cover, Envelope Label, Railroad Manila & Writing, Bleached Sulphate, Bay Express, Fibre, Hardware, etc), 200 5th av  
 \*Oxford Paper Co. (Machine Finish & Super-Calender Book, Lithograph, Varnished Label; also Soda & Sulphite Pulp), 200 5th av. Mills: Rumford Falls, Me.  
 Pynetree Paper Co. (Container Boards), 450 Pearl  
 Racich Asbestos Mfg. Co., 609 W 55th  
 Rainbow Paper Mills, 239 B'way  
 \*Ticonderoga Pulp & Paper Co. (Book, Writing, Magazine & Coating; also Soda Fibre), 200 5th av. Mills: Ticonderoga, N. Y.  
 \*Union Bag & Paper Corp. (Blank Wall Paper, Manila, Fibre, Express Bag), Woolworth bldg  
 United Paperboard Co., 171 Madison av  
 Walther & Co. (Surface Coated Paper), 72 Duane, New York  
 Wanaque River Paper Co. (Super-Calendered & Machine Finished Book), 290 B'way. Mills: Wanaque, N. J.  
 Warren Mfg. Co. (Manila, Jute & Rope, Rope Bristol in 15 Colors), 233 B'way. Mills: Reigelsville, N. J.  
 \*West Virginia Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Lithograph & Varnish Label; also Bleached Soda & Sulphite Fibre, Writing, Blank Book, Tablet), 200 5th av  
 York Haven Paper Co. (Colored Fibre, Express), 290 B'way. Mills: York Haven, Pa.

## Borough of Queens.

**LONG ISLAND CITY**—Ravenswood Paper Mill Co. (Straw & Plain Colored Chip Board, Lined or Unlined)

## (End of New York City)

**LYONS FALLS**—Gould Paper Co. Mills: Port Leyden, N. Y.  
**NIAGARA FALLS**—\*Cliff Paper Co (News, Rolls, Sheets, Hanging; also Ground Wood)  
 Defiance Paper Co.  
 \*International Paper Co. (News & Manillas), Office: New York  
 Lockport Paper Co. (Building, Roofing, Wrapping & Deadening Felts), Office: Lockport, N. Y.

\*Niagara River Mfg. Co. (Ground Wood)  
 \*Pettebone-Cataract Paper Co. (Roll & Sheet News; also Ground Wood)  
**NORFOLK**—Remington Paper & Power Co. (News Print Paper)  
**NORTH HOOSICK**—Stevens & Thompson (Inc.) (Specialties in Colors)  
**NORWOOD**—Martin Pulp & Paper Co. Remington Paper & Power Co. (News Print Paper)  
**ORANGEBURG**—Fibre Conduit Co. (Conduits Made from Wood Pulp)  
**PALMER**—\*International Paper Co. (Sulphite Fibre & Ground Wood), Branch of New York  
**PENFIELD**—Lawless Paper Co. (Waterproof Bogus), Office: Rochester, N. Y.  
**PENN YAN**—Andrews John T. & Co. (Butchers' Manila, Bogus, Wrapping & Sheathing)  
 Fox W. H. & Son (Straw Wrapping)  
**PHOENIX**—Crescent Paper & Machine Co. (Tissue Manila)  
 Oswego River Paper Mills (Tissue for Toilet Papers, All Kinds of Packages & Roll Toilet Papers Our Specialty)  
 Phoenix Toilet & Paper Mfg. Co. (Manila Tissue & Toilet)  
 Sweet Bros. Paper Mfg. Co. (White, Colored & Manila Tissue)  
 Three Rivers Paper Co.  
**PIERCEFIELD**—\*International Paper Co. (Manila; also Ground Wood & Sulphite Fibre), Office: New York  
**PIERMONT**—Piermont Paper Co. (Patent Coated Pulp Lined & Other Folding Box Boards & White Blanks)  
**PLATTSBURG**—\*Lake Champlain Pulp & Paper Co. (Bag, Hanging, News, Manila Tissue; also Ground Wood)  
 \*Saranac Co. (Ground Wood)  
 Underwood Paper Mills, Inc.  
**PORT LEYDEN**—Gould Paper Co. (Heavy Manila & Drab Express), Office: Lyon Falls, N. Y.  
 Johnston & Son  
**POTSDAM**—Racquette River Paper Co. (Manila & Fibre Wrapping, Envelope & Printed Manillas, Bag Papers, Colored Specialties, etc.)  
 Unity Paper Mills (Book)  
**PYRITES**—De Grasse Paper Co. (Sulphite Bag & Manila; also Ground Wood & Sulphite Fibre)  
**RAYMONDVILLE**—Remington Paper & Power Co. (News Print Paper)  
**ROCHESTER**—Eastman Kodak Co.  
 Flower City Tissue Mills Co. (White, Colored & Manila Tissue, All Grades of Fourdrinier White Tissues)  
 Lawless Paper Co. (Manila & Tissue, Waterproof)  
**ROCK CITY FALLS**—Big Falls Paper Co. (Box Boards)  
 Brown E. M. Paper Co. (Card Middles, Coating, Manila & Duplex)  
**ST. JOHNSVILLE**—Smith Isaac E. (Straw Board)  
**SAUGERTIES**—Cantine, Martin Co., (Coated Lithograph, Plate & Enamelled Book Papers)  
 Diamond Mills Paper Co. (Typewriter, Copying, Carbon, Silver Tissue & Cigarette). Office: New York City  
**SCHUYLERVILLE**—\*American Wood Board Co. (Tag Manila & Special Paper for Glazed Paper & Cardboard, also Ground Wood)  
 Blandy Paper Co. Mills: Greenwich, N. Y.  
**SKANEATELES**—Skaneateles Paper Co. (Mill Wrappers & Machine Dried Boards)  
**SKANEATELES FALLS**—Saxter Paper Mills (Office, Syracuse)  
**SOUTH EDWARDS**—\*Carthage Tissue Paper Mills (Ground Wood). Office: Carthage, N. Y.  
**STILLWATER**—Pemble Wm. & Sons (Straw Board, Leather Board, Counter Board)  
**STOCKPORT**—Van De Carr Paper Co. (Bag & Straw Wrapping & Common Bogus, No. 2 Straw, Cigarette & Carpet Lining)  
**SYRACUSE**—Marcellus Paper Co. (Express, Screenings, Mill Wrappers & Hardware). Mills: Marcellus, N. Y.  
 Saxer Paper Mills



**THOMSON**—\*Iroquois Pulp & Paper Co. (Hanging & News, also Ground Wood)  
**TICONDEROGA** — \*International Paper Co. (News, also Ground Wood). Office: New York City  
 \*Ticonderoga Pulp & Paper Co. (Book, Magazine & Coating, also Soda Fibre). Office: New York City  
**TONAWANDA**—Tonawanda Board & Paper Co. (Solid & Filled Jute Boards, Plain & White Pulp Lined Eureka Boards, Straw Chips, Solid & Filled News Board, Solid & Filled Pulp Boards, Box & Barrel Layers, Combination Boards, Patent Coated Boards, Colored Boards, Trunk, Textile, Binders, Cloth, Picture, Furniture & Buggy Back Boards)  
**TROY**—Albia Box & Paper Co. (Box Boards, Plain, Combination & Mill Sheet Lined)  
 Ingersoll Paper Co. (Manila Tissue)  
 Manning John A. Paper Co. (Rope Manila Paper for Sand Paper, Flour & Cement Sacks & Insulating)  
**UTICA**—Foster Box Board Co. (Box Boards)  
 Mutual Box Board Co. (Box Boards)  
**VALATIE**—Richmond Robert P. (Wrapping Paper)  
**WALLOOMSAC**—Walloomsac Paper Co. (Colored Wall Papers, Ingrains & Specialties)  
**WARRENSBURG**—\*Schroon River Pulp & Paper Co. (News & Hanging, also Ground Wood)  
**WATERFORD**—Gilbert Frank Paper Co. (Colored Specialties, Coating, Cover, Interleaving Blotting, Book, Tablet & News)  
**WATERTOWN**—\*Aldrich Paper Co. (News, Manila & Hanging, also Ground Wood)  
 Diana Paper Co.  
 \*International Paper Co. (News, Manillas, also Sulphite Fibre & Ground Wood), Branch of New York City  
 Knowlton Bros. (Covers, etc)  
 \*Newton Falls Paper Co. (Sulphite Papers, Bag, Wrapping, Sack & Kraft, Sulphite Fibre). Mills: Newton Falls, N. Y.  
 Remington Pulp & Paper Co.  
 \*St. Regis Paper Co. (News, Ground Wood & Sulphite Fibre). Mills: De Ferlet, N. Y.  
 Taggart Bros. Co. (Rope, Papers, Flour & Cement Sacks)  
**WILLSBORO**—New York & Penna. Co. (Soda Fibre Dry in Rolls, also Paper)

#### NORTH CAROLINA.

**CANTON**—\*Champion Fibre Co. (Soda & Sulphite Fibre). Office: Hamilton, O.  
**ROANOKE RAPIDS**—Halifax Paper Corp. (Butchers' Manila & Kraft Fibre). Office: Richmond, Va.

#### OHIO.

**AKRON**—American Straw Board Co.  
 Phillips Thos. Co. (Rope, Cement, Flour, Feed & Lime Sack Papers, Sand & Sign Paper)  
**BALTIMORE**—Fairfield Paper Co. (Chip, Jute & Combination Board, Rag & Jute Wrapping)  
**BARBERTON**—American Straw Board Co. (News Board, Paper Stock Board, White Coated Combination & Pulp Lined Boards). Office: Chicago, Ill.  
**BOSTON**—Cleveland-Akron Bag Co. (Rope, Flour, Sack, etc.)  
 Jaite Co. (Rope Specialties, Cement, Flour & Charcoal Bag Papers)  
**CEDARVILLE**—Hagar Straw Board & Paper Co. (Light Straw Board & Wrapping, Tube Egg Case & Corrugating). Office: Xenia, O.  
**CHAGRIN FALLS**—Adams Bag Co. (Manila Rope for Flour & Cement Sacks), 1900 Euclid av. Office: Cleveland, O.  
**CHILLICOTHE**—\*Mead Pulp & Paper Co. (Book, Lithograph & Writing, Enameline & Ivory Half-Tone in White & Colors). Office: Dayton, O.

**CINCINNATI**—Carey Philip Mfg. Co. (Asbestos Mill Board & Roofing Felt), 330 Wayne av, Lockland  
 Chesapeake Pulp & Paper Co.  
 Dayton Folding Box Co. (Straw & Rag Wrapping, Lining & Combination Boards), 2727 Spring Grove av  
**CIRCLEVILLE**—American Straw Board Co. Office: Chicago, Ill.  
**CLEVELAND**—Adams Bag Co. (Manila Rope Paper for Flour & Cement Sacks), 1900 Euclid av  
 Cleveland-Akron Bag Co. (Rope, Flour Sack & Manillas)  
 \*Cleveland Paper Mfg. Co. (Book, Colors, Colored & News)  
 Cleveland Waterproof Paper Co.  
 Ohio Box Board Co. (Box Boards, Including Patent Coated, Jute, Manila Lined News, etc.), 1390 E 30th. Mills: Rittman, O.  
**COSHOCOTON**—Coshocoton Straw Paper Co. (Straw Paper for Corrugating & Straw Wrapping)  
**CRESENTVILLE**—Fox Paper Co. (See Lockland)  
**CUYAHOGA FALLS**—Walsh Paper Co. (Milton, Starch, Macaroni, Tailors' Pattern & Colored Specialties)  
**DAYTON**—Aetna Paper Co. (Bonds, Ledgers, Lining & Flats)  
 \*Mead Pulp & Paper Co. (Book, Lithograph & Writing, Enameline & Ivory Half-tone in White & Colors). Mills: Chillicothe, O.  
 Peerless Paper Co. (Roofing & Felt)  
 Sterling Paper Co. (Writing & Envelope Paper)  
 Terra Haute Paper Co. (Corrugating, Tube & Egg Case Boards, Straw & Rag Wrapping). Mills: Terra Haute, Ind.  
**DELPHOS**—Hinde & Dauch Paper Co. (Straw Wrapping & Light Straw Board). Office: Sandusky, O.  
**FRANKLIN**—American Writing Paper Co. (Writing). Office: Holyoke, Mass.  
 Franklin Board & Paper Co. (Patent Coated, News, Manila, Lined Chip, Paper Stock, Jute, Pulp & Combination Board)  
 Patent Vulcanite Roofing Co.  
**HAMILTON**—Beckett Paper Co. (Colored Covers & Specialties)  
 Champion Coated Paper Co. (Book, Manila & Cardboard)  
 \*Champion Fibre Co. (Fibre Board & Soda & Sulphite)  
 Sterling Paper Co. (Writing & Envelope Paper). Office: Dayton, O.  
**LANCASTER**—Lancaster Board & Paper Co.  
 Lancaster Leather Co. (Leather Boards)  
**LOCKLAND**—Carey Philip Mfg. Co. (Asbestos Mill Board & Roofing Felt), 330 Wayne av  
 Fox Paper Co. (Wrapping, etc.)  
 Richardson Paper Co. (Roofing, Fly & Specialties in Felt, Box & Other Boards), Wyoming & Cooper avs  
**MASSILLON**—Massillon Paper Co. (Straw Wrapping)  
 Munroe Falls Paper Co. (Carpet Lining, Express, Straw & Rag Wrapping, Building, Absorbent, Fly Paper, Fireworks Paper, Deadening Felt & Roofing)  
**MAUMEE**—Carney Paper Co.  
**MIAMISBURG**—Miamisburg Paper Co. (Book, News, Envelope, Butchers' & No. 2 Manila)  
 Ohio Paper Co. (Bottle Wrappers, Carpet Lining & Saturating Felt)  
**MIDDLETOWN**—Crystal Paper Co. (White, Colored & Manila Tissue & Wax Paper)  
 Gardner, Colin Paper Co. (Patent Coated Box Boards, News Board, Manila Lined Chip Boards, Combination Boards & White Blanks)  
 Gardner-Harvey Paper Co. (Box Boards)  
 Gardner Paper Board Co. (Box Boards, etc.)  
 Oglesby W. B. Paper Co. (Writing, Bond Ledger, etc.)  
 Sorg Paul A. Paper Co. (Jute & Manila Rope Specialties, Tissues & White Wax)  
 Wardlow-Thomas Paper Co. (Rope & Jute Manila)  
 Wrenn Paper Co. (Blotting)  
**MUNROE FALLS**—Munroe Falls Paper Co. (Carpet Lining, Express & Fireworks Paper, Deadening Felt & Roofing). Office: Massillon, O.

**PIQUA**—American Strawboard Co. (Straw, Combination & Pulp Lined Board, News & Chip Board), Office: Chicago, Ill.  
**RITTMAN**—Ohio Box Board Co. (Box Boards All Grades, Including Patent Coated, Jute, Manila Lined, News Board), Office: Cleveland, O.  
**ROCKDALE**—Sall Mountain Co. (Asbestos Paper & Boards)  
**SAINT MARYS**—Auglaize Box Board Co. (Straw Board, Chip, News, Light Weight Corrugating Paper, etc.)  
**SANDUSKY**—Hinde & Dauch Paper Co. (Straw Wrapping, Light Strawboard & Corrugated Paper Specialties)  
**STEUBENVILLE**—\*Hartje Paper Mfg. Co. (Manila, News, Fibres, Carpet Lining, Building Papers, Mill Wrappers, Straw, Chip & Pulp Board, Specialties; No. 1 & No. 2 Waterproof Fibres, Butchers' Fibre, Butchers' Waterproof, Manila & Rosin-Sized Sheathing, also Ground Wood & Sulphite Fibre), Office: Pittsburgh, Pa.  
**TIPPECANOE CITY**—American Straw Board Co. (Steam-Dried Straw Board, Extra Smooth; Match Box Board; Pulp Lined Board), Office: Chicago, Ill.  
**URBANA**—Howard Paper Co. (Writing, Ledger & Specialty Bond)  
**WEST CARROLLTON**—Miami Paper Co.  
**XENIA**—Hagar Straw Board & Paper Co. (Light Straw Board, Straw Wrapping Tube, Egg Case & Corrugated), Mills, Cedarville, O.

#### OREGON.

**OREGON CITY**—\*Crown-Willamette Paper Co. (Manila, Flaxina, Express, Bag, Fruit, Paraffine & Wrapping, also Ground Wood & Sulphite Fibre), Office: San Francisco, Cal.  
 Hawley Pulp & Paper Co. (Manila Wrapping & News)  
**WARRENDAL**—\*Crown-Willamette Paper Co. (Ground Wood & Paper), Office: San Francisco, Cal.

#### PENNSYLVANIA.

**AMBLER**—Keasbey & Mattison Co. (Asbestos Sheathing & Mill Board)  
**ATGLEN**—Hults Ellsworth H., Jr. (Binders, Trunk, Box & Carriage Boards), Office: Phila., Pa.  
**AUSTIN**—Bayless Mfg. Corp. (Pulp Paper)  
**BLOOMSBURG**—Bloomsburg Paper Co.  
**BRIDGEPORT**—Amboy Paper Co.  
 Diamond State Fibre Co. (Fibre Paper). Office: Elsmere, Del.  
**BUCK RUN**—Nassau Mills Corp.  
**CHAMBERSBURG**—United States Paper Mills.  
**CHESTER**—Chester Paper Co. (Tissue)  
 Garrett E. (Fine Tissue, Manila, Colored)  
**CHESTERVILLE**—See Landenberg, Pa.  
**COATESVILLE**—Jessup & Moore Paper Co.  
**DOE RUN**—Palmer Willis B. (Binders & Jacquard Boards)  
**DOWNINGTOWN**—Guie Jas. & Sons (Mill Wrappers)  
**EAST DOWNINGTOWN**—Bicking S. Austin (Wrapping, Rosin-Sized Sheathing & Corrugated Wrapping)  
 Kerr Paper Mill Co. (Box, Binders & Tar Board)  
**EMIGSVILLE**—National Roofing Co. (Roofing)  
**ERIE**—Hammermill Paper Co. (Paper Pulp & Paper)  
 Watson H. F. Co. (Paper, Asbestos, etc.)  
**GLEN MILLS**—Glen Mills Paper Co. (Vegetable Parchment, Music, Fibre & All Rag Specialties), Office: Phila., Pa.  
**HUNTINGTON MILLS**—Mountain Paper Co. (See Wilkes-Barre)  
**JOHNSONBURG**—\*Highland Paper Co. (Dry Soda Fibre)  
 \*New York & Pennsylvania Co. (Bond, White & Colored, Machine Finished & Super-Calendered Book, Cover, Envelope, Label, Lithograph, Railroad Manila & Writing, also Bleached Sulphite), Office: New York City  
**LANDENBERG**—Lysle Wilson (Est. of) (Fibre Paper)



**LANSDOWNE**—Garrett Edwin T. Co. (Tissue, Manila & Railroad Copying)

**LATROBE**—Peters Paper Co. (Carpet Lining, Roofing & Sheathing)

**LIGHTSTREET**—Bloomsburg Paper Co. (Waterproof, Blasting & Cartridge Paper)

**LITITZ**—Consumers' Box Board & Paper Co. (Tissues, Sheets & Rolls)

**LOCK HAVEN**—\*New York & Pennsylvania Co. (Bag, Express, Fibre, Hardware, Press Board, Writing Book, Parchment, Cover, Manila, Coating & Specialties, also Soda Fibre), Office: New York City

**MODENA**—Megargee Paper Mills (All Rag Waterleaf for Parchmentizing & Vulcanizing)

**MONONGAHELA**—Union Paper Mill Co.

**NEW CASTLE**—New Castle Paper Mills

**NEW HOPE**—Union Mills Paper Mfg. Co. (Building & Manila Rope for Insulating)

**NORRISTOWN**—Norristown Magnesia & Asbestos Co. (Asbestos, Wool Felt & Sheathing)

**NORTH WATER GAP**—\*Analomink Paper Co. (Manila, Fibre & Colored Specialties, also Ground Wood & Sulphite Fibre)

**PENNSBURG**—Perkiomen Paper Co. (Binders, Trunk & Box Boards)

**PHILADELPHIA**—Baeder, Adamson & Co. (Manila for Own Use in Making Sand Paper), Richmond & Allegheny.

Bicking Paper Co. (Mill Wrappers & Box Boards), 111 N 2nd

Cherry River Paper Co. (Manila, White & Colored Specialties; also Sulphite Pulp), Penna. bldg. Mills: Richwood, W. Va.

Considine Norbert A. (Wood Engravings, Zinc Etchings, Halftones, Envelope Paper, etc.), North American bldg.

\*Dill & Collins Co. (Book & Surface Coated, High Grade Machine Finish, Super-Calendered Book & Surface Coated Papers for Printing from Half-Tone Engravings, Color Plates, Aluminum & Lithographic Stone), 140 N 6th

Garrett C. S. & Son Co. (Hanging, Card Middles & Fibre, Machine Finished Book), 20 S Marshall

Glen Mills Paper Co. (Vegetable Parchment, Music, Fibre and All Rag Specialties), Stephen Girard bldg. Mills, Glen Mills, Pa.

Hults Ellsworth H., Jr. (Binders, Trunk, Box & Carriage Boards), 28 S 6th. Mills: Atglen, Pa.

Jessup & Moore Paper Co. (Book Paper & Soda Fibre), Commercial Trust bldg

Lang John Paper Co. (Roofing, Saturating & Deadening Felts), 24th & Vine

McDowell Paper Mills (Colored & Hercules Fibre, Drug, Book, Bag, Manifold, Heavy & Light Weight Colored Specialties of All Kinds), Main & Levering

Mann Wm. Co. (Railroad Copying & Manifold Papers), 529 Market. Mills, Lambertville, N. J.

Moorhouse R. T. (White & Colored Machine Finished & Super-Calendered Book, Colored Cover, Manila, Poster, News, Wrapping & Colored Specialties) 2655 Bridge, Bridesburg

\*National Metal Edge Box Co. (Jute Folding Box Boards; also Ground Wood), 1217 Callowhill. Mills: Readsboro, Vt.

\*Nixon Martin & Wm. H. Paper Co. (Book, Colored, Specialties & Felt Hangings, also Soda Fibre), 1011 Chestnut

Parsons Pulp & Lumber Co., Finance bldg. Mills: Parsons, W. Va.

Philadelphia Paper Mfg. Co. (Box Boards), River Road

York Haven Paper Co., Land Title bldg. Mills: York Haven, Pa.

**PITTSBURGH**—\*Hartje Paper Mfg. Co. (Manila News, Fibres, Carpet Lining, Building Papers, Mill Wrappers, Straw, Chip & Pulp Boards, Waterproof Fibres, Butchers, Waterproof Manila & Rosin Sized

Sheathing; also Ground Wood & Sulphite Fibre), 113 Wood. Mills: Steubenville, O.

Tarentum Paper Mills (Rope & Express Wrapping), 2d National Bank bldg. Mills, Tarentum, Pa.

**PITTSTON**—Lehigh Paper Mills, Inc.

**READING**—Reading Paper Mills (Book, Plate, Manila & Rope; Plate & Coated Papers, also Rope Papers for Paper Purposes)

**ROARING SPRING**—\*Bare D. M. Paper Co. (Super-Calendered & Machine Finished Book, Lithograph, White Flats & Mimeograph; also Soda Fibre)

**SPRING GROVE**—\*Glatfelter P. H. Co. (Machine Finished & Super-Calendered Book & Writing, Label, Bond & Blank Book Papers, Varnish Label Papers, Music, Writing & Blank Book Papers a Specialty; also Soda Fibre)

**TARENTUM**—Tarentum Paper Mills (Rope & Express Wrapping). Office: Pittsburgh, Pa.

**TYRONE**—\*West Virginia Pulp & Paper Co. (Super-Calendered & Machine Finished Book, Lithograph & Varnish Label, White Writing, Blank Book Tablet, also Soda Fibre), Office: New York City

**UPPER DARBY**—Keystone Paper Mills Co.

**WILKES-BARRE**—Mountain Paper Co. Mills: Huntington Mills, Pa.

**WILLIAMSBURG**—\*West Virginia Pulp & Paper Co. (Writing, Book & Specialties, also Soda Fibre), Office: New York City

**YORK**—General Roofing Mfg. Co. (Saturating Felts)

Schmidt & Ault Paper Co. (Manila, Sheathing, Carpet Lining & Bogus)

Springets Mills

York Paper Mfg. Co.

**YORK HAVEN**—\*York Haven Paper Co. (Colored Fibre, Light & Dark Express, Waterproof Building, Roofing & Insulating & "X Loid" Prepared Roofing Paper, also Ground Wood & Sulphite Fibre). Office: Phila.

## RHODE ISLAND.

**PAWTUCKET**—National Coated Paper Corp. (Surface Coated Paper, Cardboard, Glazed Paper, etc)

**PHILLIPSDALE**—Phillipsdale Paper Mill Co. (Roofing Paper)

## SOUTH CAROLINA.

**HARTSVILLE**—\*Carolina Fibre Co. (Colored Wrapping & Water Finish Fibre, also Ground Wood & Sulphite Fibre)

## TENNESSEE.

**MEMPHIS**—Tennessee Fibre Co. (Cotton Hull Fibre, Dry)

## TEXAS.

**DALLAS**—Fleming John G. & Son (Butchers' Manila & Straw, No. 2 Manila, Rag Wrapping, Roofing & Sheathing)

**ORANGE**—\*Yellow Pine Paper Mill Co. (Fibre Hardware, Express, Colored & Bag, also Soda Fibre)

## VERMONT.

**BELLOWS FALLS**—Blake & Higgins (Manila)

Flint, Wyman & Sons Co. (Manila)

\*International Paper Co. (News, Manila, Card Boards, Card Middles & Specialties, also Wood & Sulphite Fibre), Office: New York

Moore John T. & Son (Manila & Envelope)

Moore & Thompson Paper Co. (Manila Wrapping, Railroad Manila, Coating, Envelope & Wax)

Robertson Paper Co. (Envelope Manila, Railroad & Telegraph Writing, Parchment Writing & Waxed Manilas & Tissues, All Grades, Weights & Colors in Waxed Papers, Biscuit, Bakers' & Packers' Papers a Specialty)

**BENNINGTON**—Bennington Wax Paper Co. (Waxed Paper)

**BRATTLEBORO**—Vinton Wm. H. & Son (Blotting & Matrix)

**EAST RYEGATE**—\*Ryegate Paper Co. (News, also Ground Wood)

**FITZDALE**—Fitzdale Paper Co. (News-paper, etc.)

**MIDDLEBURY**—\*Green Mountain Pulp Co. (Ground Wood)

**MILTON**—\*International Paper Co. (Ground Wood)

**NORTH BENNINGTON**—Stark Paper Co. (Hanging)

**PASSUMPSIC**—Passumpsic Fibre Leather Co. (Leather (Heeling) Board)

**PUTNEY**—Cole Wm. A. Paper Co. (Manila Tissue & "Eagle Mills" Brand of Tissue Toilet)

Robertson's Wm. Sons (White & Colored Tissues, Cotton Batting Paper, Napkin Paper, Fruit & Bottle Wrappers)

**READSBORO**—\*National Metal Edge Box Co. (Jute Folding Box Boards, also Ground Wood), Office: Phila., Pa.

**ST. JOHNSBURY CENTER**—Pierce Bros. (Leather Board)

**SALISBURY**—\*Kingsley Wood Pulp Co. (Ground Wood)

**SHELDON SPRINGS**—\*Missisquoi Pulp & Paper Co. (Ground Wood)

**WELLS RIVER**—Adams Paper Co. (Manila Tissue, Anti-Tarnish Tissue & Toilet)

**WEST DERBY**—\*Clyde River Pulp Co.

**WILDER**—\*International Paper Co. (High Grade News, also Ground Wood), Office: New York City

**WILMINGTON**—\*Deerfield Lumber Corp. (Ground Wood)

## VIRGINIA.

**BIG ISLAND**—\*Bedford Pulp & Paper Co. (Manila, News, Hanging, Drawing & Poster, also Ground Wood), Office: Richmond, Va.

**BRISTOL**—Columbian Paper Co. (Soda Fibre)

**BUENA VISTA**—\*Columbian Paper Co. (Card for Coating & Lithographing & Flat Writing, also Soda Fibre)

**COLEMANS FALLS**—Bedford Pulp & Paper Co. (Ground Wood), Office: Richmond, Va.

**COVINGTON**—\*West Virginia Pulp & Paper Co. (Super-Calendered & Machine Finished Book, Lithograph & Varnish Label, also Bleached Sulphite Fibre), Office: New York

**PORTSMOUTH**—Southern Fibre Co. (Pulp & Wrapping Paper)

**RICHMOND**—Albemarle Paper Mfg. Co. (Blotting Paper Only)

Bedford Pulp & Paper Co. (Ground Wood)

Halifax Paper Corp. Mills: Roanoke Rapids, N. C.

Manchester Board & Paper Co. (Box Board & Mill Wrappers)

Richmond Paper Mfg. Co. (Blotting, "Climax," "Star" & Enameled Blotting)

Standard Paper Mfg. Co. (Blotting Paper Only)

See adv index at end of book

**WEST POINT**—Chesapeake Pulp & Paper Co.

**WINCHESTER**—American Straw Board Co.

## WASHINGTON.

**CAMAS**—Crown Willamette Paper Co.

**EVERETT**—\*Everett Pulp & Paper Co. (Machine Finished & Super-Calendered Book, Varnish Label, Chemical, Railroad Writing, Bond & Cartridge, also Soda Fibre), Office: Lowell, Wash.

## WEST VIRGINIA.

**DAVIS**—\*West Virginia Pulp & Paper Co. (Bleached Sulphite Fibre), Office: New York City

**HALLTOWN**—Halltown Paper Board Co. (Chip Boards, Milled, Lined & Plain)

**HARPERS FERRY**—\*Harpers Ferry Paper Co. (Ground Wood)

\*Shenandoah Pulp Co. (Ground Wood)



**PARSONS**—\*Parsons Pulp & Lumber Co. (Tag Stock, Silk Wrappers & Specialties, Bleached & Unbleached Sulphites), Office: Phila., Pa.  
**PIEDMONT**—\*West Virginia Pulp & Paper Co. (Ground Wood), Office: New York City  
**RICHWOOD**—Cherry River Paper Co. (Manila, White & Colored Fibres & Specialties, also Sulphite), Office: Phila., Pa.  
**WELLSBURG**—George S. Co. (Paper & Cement, Flour & Lime Bags) George & Sherrard Paper Co. Harvey Paper Co. (Rope, Jute & Bogus)

### WISCONSIN.

**APPLETON**—Appleton Coated Paper Co. \*Appleton Paper & Pulp Co. (Ground Wood)  
 Boyd C. Paper Co.  
 Fox River Paper Co. (Book, Bond, Linens, Lithograph, Typewriter, Superfine & Fine Writing & Engine-Sized Flats, No. 2 Ledger, Map, Drawing, Folded & Rule)  
 \*Interlake Pulp & Paper Co. ("Mitscherlich" Process Sulphite Fibre & Ground Wood)  
 Kimberly-Clark Co. (Super-Calendered Book Manila & Fibre, Envelope, Writing & Railroad Manila), Office: Neenah, Wis.  
 \*Patten Paper Co. (Book & News, also Ground Wood)  
 Pulp Wood Co.  
 Riverside Fibre & Paper Co. (Bonds & Ledgers, also Bleached & Unbleached Sulphite Fibre)  
 Thilmany Pulp & Paper Co., Wisconsin Tissue Div. (Light Weight)  
**ASHLAND**—Ashland Paper Co. (Papers)  
 \*Menasha Paper Co. (Sulphite Fibre), Office: Ladysmith, Wis.  
**BELOIT**—Beloit Box Board Co. (Roofing, Building, Box & Straw Board)  
**BROKAW**—\*Wausau Paper Mills Co. (All Grades of Fibre & Manila, also Ground Wood & Sulphite Fibre)  
**COMBINED LOCKS**—\*Combined Locks Paper Co. (News, also Ground Wood & Sulphite Fibre)  
**CORNELL**—Cornell Wood Products Co. (Wall Boards, etc.)  
**CRIVITZ**—\*Crivitz Pulp & Paper Co. (Ground Wood)  
**DE PERE**—American Writing Paper Co. (Writing, Loft-Dried & Machine-Dried Bonds, Linens & Ledgers), Office: Holyoke, Mass.  
**EAU CLAIRE**—\*Dells Paper & Pulp Co. (Manila, Fibre, Novel & News, also Ground Wood & Sulphite Fibre)  
**GRAND RAPIDS**—\*Centralia Pulp & Water Paper Co. (News, also Ground Wood)  
 \*Consolidated Water Power & Paper Co. (Lining, Novel, Special Print, Hanging, Book, Railroad Writing & Specialties, also Ground Wood)  
**GREEN BAY**—\*Green Bay Paper & Fibre Co. (Sulphite Fibre)  
 Hoberg John Co. (White, Manila & Colored Tissue, Paper Napkins, Fruit Wrappers, Roll & Package Toilet Paper, Cotton Batting, Excelsior Tissue Pads & Printed Tissues & White Sulphite Fibre Papers)  
 Northern Paper Mills (Toilet Tissue & Catalogue, Light Weight Book, Sanitary Automobile Toilet Service, "Northern Roll," "Northern Oval" & "Pedro" Toilet Papers)  
**KAUKAUNA**—\*Kaukauna Pulp Co.  
 \*Lindauer Pulp Co. (Ground Wood)  
 \*Outagamie Paper Co. (No. 1 Rag Print, also Ground Wood)  
 \*Thilmany Pulp & Paper Co. (Tissue, Poster, Catalogue, Pattern, Cover & Wrapping, also Ground Wood)  
 \*Union Bag & Paper Co. (Manila & Bag Paper, also Ground Wood), Office: New York City  
**KIMBERLY**—\*Kimberly-Clark Co. (Book & Wrapping, also Sulphite Fibre), Office: Neenah, Wis.  
**LADYSMITH**—\*Menasha Paper Co. (News, Manila & Catalogues, also Ground Wood)  
**LITTLE CHUTE**—Little Chute Paper & Fibre Co.

**LITTLE RAPIDS** — \*Lindauer-O'Connell Co.  
**MARINETTE**—\*Marinette & Menominee Paper Co. (News & Manila, also Ground Wood & Sulphite Fibre)  
**MENASHA**—Gilbert Paper Co. (Bond, Ledger & High Grade Writing)  
 \*Island Paper Co. (White & Colored Fibre, also Sulphite Fibre)  
 Lakeside Paper Co. (High Grade Lightweight Specialties)  
 Menasha Printing Co. (Paper Mill)  
 Strange John Paper Co.  
 Whiting Geo. A. Paper Co. (Book, Colored Laid Writing, Telegraph & Parchment, Manila & French Folios, Antique Laid & Egg Shell)  
**MERRILL**—\*Grandfather Falls Co. (News, Hanging, Tablet & Novel, also Ground Wood)  
**MILWAUKEE**—Hummel & Downing Co. (Combination Boards), N Cambridge av  
 Johns H. W.-Manville Co. (Asbestos & Building Felts)  
 See adv index at end of book  
**MOSINEE**—Wausau Sulphate Fibre Co. (Sulphite Fibre)  
**NEENAH**—Bergstrom Paper Co. (Super-Calendered & Machine Finished Book & Cover)  
 Kimberly-Clark Co. (Colored Fibres, Book, Railroad Manilas & Book)  
 Lakeside Paper Co.  
 Neenah Paper Co. (Loft Dried Bonds & Ledgers)  
 Wisconsin Pulp Wood Co.  
 Wisconsin River Paper & Pulp Co.  
**NEKOOSA**—Nekoosa-Edwards Paper Co.  
**NIAGARA**—\*Kimberly-Clark Co. (News & Manila, also Ground Wood & Sulphite Fibre), Office: Neenah, Wis.  
**OCONTO FALLS**—\*Falls Mfg. Co. (Manila & Fibre, also Ground Wood & Sulphite Fibre)  
 \*Union Mfg. Co. (Ground Wood)  
**PARK FALLS**—\*Flambeau Paper Co. (Hanging, No. 1 News & Novel, also Ground Wood)  
**PORT EDWARDS**—Johns H. W.-Manville Co. (Asbestos & Building Felts)  
 Nekoosa-Edwards Paper Co. (News, Manila & Fibre; also Ground Wood & Sulphite Fibre)  
**RHINELANDER**—\*Rhineland Paper Co. (News, also Ground Wood & Sulphite Fibre)  
**ROTHSCHILD**—Marathon Paper Mills Co. (Fibre Wrapping, Tag, Manila, Bristols, Bonds, Machine Glazed Paper, also Specialties, Ground Wood, Sulphite & Bleached Sulphite Pulp)  
**SHAWANO**—\*Wolf River Paper & Fibre Co. (Fibre & Manila Wrapping, also Ground Wood & Sulphite Fibre)  
**STEVENS POINT**—Whiting-Plover Paper Co. (Fine Writing Papers, etc.)  
 \*Wisconsin River Paper & Pulp Co. (News & Hanging, also Ground Wood). Office: Meenah, Wis.  
**STILES**—Eldred Anson Co. (Ground Wood)  
**TOMAHAWK**—\*Tomahawk Pulp & Paper Co. (Roll News, also Ground Wood)

### 10739— Papier Mache Mfrs.

American Art Papier Mache Works, Irving Park bldg, Chicago, Ill.  
 Berger H. Sons 302 E 37th, New York  
 Decorators' Supply Co., Archer av & Leo, Chicago, Ill.  
 De Planque F. R. & Son, 1349 Ridge av, Phila., Pa.  
 Dini Geo. L., 483 Baltic, Brooklyn, N. Y.  
 Emmel Chas. & Rose Co. (Architectural), 333 Albany, Boston, Mass.  
 Emmel Co., 81 Bristol, Boston, Mass.  
 Klee-Thomson Co., 327 E 40th, New York  
 Liesum Geo. & Co., 228 E 24th, New York  
 Old King Cole Papier Mache Co., Canton, Ohio  
 Plastic Relief Mfg. Co., 949 N Halsted, Chicago, Ill.  
 Pride, Willis A., 43 Bristol, Boston, Mass.  
 Tognarelli & Voigt, 1743 N 12th, Phila., Pa.  
 Van Malderen F., 5th & Jumonville, Pittsburgh, Pa.

### 10739a—Para-amidophenol

Standard Aniline Products, 366 5th av, New York

### 10739b—\*Parallel Rulers or Automatic T Squares

American Drafting Furniture Co. ("American," Stock & Special Room Equipment), 199 Railroad, Rochester, N. Y.  
 See adv index at end of book

## AMERICAN DRAFTING FURNITURE CO.

199 Railroad Street, Rochester, N. Y.

### 10740— Parallels (Planer)

**STARRETT L. S. CO.**, (Adjustable), Athol, Mass. See adv index at end of book  
 Walker O. S. Co., Worcester, Mass.

### 10741— Paranitraniline

Chemical Co. of America (Mfrs.), 320 B'way, New York  
 Sherwin-Williams Co., 610 Canal rd, N W, Cleveland, O.  
 Standard Aniline Products (Mfrs.), 366 5th av, New York  
 Weiller Mfg. Co., New Brunswick, N. J.

### 10741a—Paraphenelenediamine

Chemical Co. of America (Mfrs.) 320 B'way, New York  
 Standard Aniline Products, 366 5th av, New York

### 10742—Parers (Fruit & Vegetable)

See also Apple Paring Machine

American Machinery Co. ("American," Vegetable), 1229 Callowhill, Phila., Pa.  
 Boutell Mfg. Co. (Apple), Rochester, N. Y.  
 Catawissa Specialty Mfg. Co. (Vegetable), Catawissa, Pa.  
 Central Stamping Co. (Apple), 172 Fulton, New York  
 Goodell Co. ("Bonanza," "Dandy," "Ranger," "Eureka," "Power," "New Century," "White Mountain," "98 Turntable," "Lightning," "Bay State"), Antrim, N. H.  
 Hamblin & Russell Mfg. Co. ("O. K.," "Quick," "Universal" for Apples, Potatoes, etc.), Worcester, Mass.  
 Hudson Paper Co. ("Little Star," "Rocking," "Daisy"), Leominster, Mass.  
 Imperial Machine Co. ("Victoria" Vegetable Machine), 108 W 34th, New York  
 Kelso & Co. (Apple, etc), 559 W Quincy, Chicago, Ill.  
 Parker Wire Goods Co. (Hand, Apple, Potato, etc), Worcester, Mass.  
 Penn Hardware Co. ("Pen-Perfect" Apple), Reading, Pa.  
 Reading Hardware Co. ("Apple"), Reading, Pa.  
 Sayre L. A. Co. (Apple & Peach Rotary Knife), 332 Mulberry, Newark, N. J.  
 Sinclair-Scott Co. (Fruit), Wells & Patapsco, Baltimore, Md.  
 White Ira F. & Son Co. ("California," Potato, etc, with Eye Extractor), Bloomfield, N. J.

### 10743— Parers (Hoof)

Brooklyn Tool Co., Brooklyn, Ind.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Champion Tool Co. ("Champion," "Our Pride" Ball Bearing), Meadville, Pa.  
 Heller Bros. Co. ("Easy Cutting," etc.), 879 Mt. Prospect av, Newark, N. J.  
 Jones Eli & Sons ("Jones"), Luverne, Minn.  
 Leavitt Mfg. Co. ("Samson"), Urbana, Ill.  
 Lowe Mfg. Co. ("Wagner & Lowe"), Enderslin, N. D.  
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

### Paris Black

See Carbon Black Mfrs.



**10744— Paris Green**

Barry E. J. (Jobbers), 94 Beekman, New York  
 Corona Chemical Co., Milwaukee, Wis.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
 Lavanburg Fred. L., 100 William, New York  
 Pfeiffer Color Co., 100 William, New York  
 Virginia Consolidated Chemical Corp., 100 B'way, New York

**Paris White**

See Whiting & Paris White Mfrs.

**Park Furniture**

See Settees, Various Kinds; also Fountains, Vases, Etc, also Rustic Work; also Swings, Lawn

**10744a— Parlodion**

Du Pont Chemical Works, 120 Broadway, New York

**10745— \*Parquetry**

See also Floors, Parquet

Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book

**Partitions (Flexible)**

See Partitions, Wood Rolling

**10746— Partitions (Steel)**

Carpenter R. F. Mfg. Co. ("Sanymetal" Toilet Partitions), Cleveland, O.  
**DAHLSTROM METALLIC DOOR CO.** (Hollow-Metal "Dahlstrom" Quality, artistically finished, sanitary & fire-proof), 35 Blackstone av, Jamestown, N. Y. See adv index at end of book  
 Detroit Steel Products Co., Detroit, Mich.  
 Dexter Metal Mfg. Co. (Tool Room), 93 Arch, Camden, N. J.  
 Lightwell Steel Sash Co., Wilmington, Del.  
 Lupton's D. Sons Co., Mystic bldg., Detroit, Mich.  
 Lyon Metallic Mfg. Co. ("Lyon" Sectional Enclosure), Aurora, Ill.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Solar Metal Products (Inc.), Columbus, O.  
 Weis Henry Cornice Co., Kansas City, Mo.  
 Zahner Sash & Door Co. (Hollow Steel Adjustable), Canton, O.

**10747—\*Partitions (Steel Rolling).**

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn.  
 See adv index at end of book  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
 See adv index at end of book

**10748—Partitions (Stock Room)**

Cyclone Fence Co., Waukegan, Ill.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
 Shawmut Iron & Wire Works, Everett, Mass.

**10749—Partitions (Wood Rolling)**

American Sash & Door Co., Kansas City, Mo.  
 Curtis Bros. & Co., Clinton, Ia.  
 Folding Partition Co. (Wood Folding for Public Buildings, Schools, Bungalows, etc), 200 Broadway, New York  
 Grant Pulley & Hardware Co. (Horizontal), 101 Park av, New York  
 Kinnear Mfg. Co., Columbus, O.  
 Monroe W. H. Co. ("Monroe" Improved), Lima, O.  
 Union Blind & Ladder Co., Oakland, Cal.  
 Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.  
 Wilson J. G. Corp'n, Chief Office: 8 W 40th, New York. Mills & Factory: Norfolk, Va.

**10750—Parts (Adding Machine)**

Nichols W. H., Waltham, Mass.

**10751— Paste**

See also Soldering Paste, Salts & Sticks  
 American Hominy Co. (Flour), Indianapolis, Ind.  
 Arabol Mfg. Co. ("Tinnol" Bottlers, Canners, etc), 100 William, New York  
 Bankers' Ink Co. (Library), Kansas City, Mo.  
 Boettiger & Co. (Plumbers), Erie, Pa.  
 Boston Paste Co. ("Noah's" Machine Paste), 12 Medford, Boston, Mass.  
 Buckeye Paste Co. (Carriage Trimmers), 270 S Wall, Columbus, O.  
 Carter's Ink Co. (Office), E Cambridge, Boston, Mass.  
 Chapman & Smith Co. (Almond), 1017 Washington blvd, Chicago, Ill.  
 Clark Paper & Mfg. Co. ("Spon-Tem"), Rochester, N. Y.  
 Climax Cleaner Mfg. Co., Cleveland, O.  
 Commercial Paste Co., Hoster & High, Columbus, Ohio  
 Continental Mfg. Co. ("Willstick," Photographers "Continental" Brewers), 4611 Girard, Phila., Pa.  
 Crystal Springs Paste Co. (Flour, for Paper Hangers, Bookbinders, Shoe & Box Mfrs., etc.), 70 Kilby, Boston, Mass.  
 Davis Thaddeus Ink Co. (Office), 97 Vandam, New York  
 Davis Wm. A. Co. ("U. S. Treasury" Library), 40 Batterymarch, Boston, Mass.  
 Devoe & Reynolds Co., Inc. (Photographers), New York  
 Diamond Ink Co. (Office), 192 E Water, Milwaukee, Wis.  
 Diamond Paste Co. (All Kinds), Albany, N. Y.  
 Fort Pitt Oil & Paint Co. (Anti-Rust), 3209 Liberty av, Pittsburgh, Pa.  
**FOX M. EWING CO.**, ("Foxpaste," in Dry Powder Form), 241 E 136th, New York See adv index at end of book  
 Fuller H. B. Co. ("Fullers" Cold Water, Dry), 188 W. 3d, St. Paul, Minn.  
 Higgins Chas. M. & Co. (Office), 271 9th, Brooklyn, N. Y.  
 Hoyt Arthur S. Co. ("Jellitas" Powdered, "Hoyt's" Cold Water), 90 W B'way, New York  
 Indianapolis Paste Co., Indianapolis, Ind.  
 Keller Robt. Ink Co. (Office), 523 Fort, W., Detroit, Mich.  
 Kleinbeck C. H. Co. (Caramel), Geneva, Ill.  
 Levison & Blythe Mfg. Co. (Library), 209 Locust, St. Louis, Mo.  
 Lincoln Feed & Fuel Co. (Paper Hangers), Lincoln, Neb.  
 Michigan Paste & Mfg. Co. ("Perfection"), 711 Fort, W, Detroit, Mich.  
 Monarch Glue Co. ("Monarch"), 202 Main, Cincinnati, O.  
 National Gum & Mica Co. ("Yankee" Cold Water Paste Powder), 59th & 11th av, New York  
 National Insulating & Mfg. Co. ("Holdfast"), Indianapolis, Ind.  
 Pawtucket Mordant Co. (Textile Finishing), Pawtucket, R. I.  
 Pomeroy Ink Mfg. Co., 218 N. J. R. R. av, Newark, N. J.  
 Providence Drysalts Co. (Textile Finishing), 86 Weybosset, Providence, R. I.  
 Works: East Greenwich, R. I.  
 Providence Sizing Co. (Textile Finishing), Cranston, R. I.  
 Quill & Co., 436 Aberdeen, Chicago, Ill.  
 Sanford Mfg. Co. ("Sanford," Office & Library), Congress & Peoria, Chicago, Ill.  
 Schmeer's Paper Box Co. ("Syracuse"), Syracuse, N. Y.  
 Schweitzer Samuel (Flour), 660 W Lake, Chicago, Ill.  
 Silberstein A. L. (Razor), 74 5th av, New York  
 Stafford S. S. (Library), 609 Washington, New York  
 Starbuck R. M. & Sons (Plumbers), Hartford, Conn.  
 Swearingen J. C. Ink Co. (Library), 222 Wick, Pittsburgh, Pa.  
 Tacks Mfg. Co. (Bottlers, etc), Utica, N. Y.  
 Thomas L. H. Co. ("Snow Flake," Library), W Congress & S Peoria, Chicago, Ill.  
 Weis Mfg. Co. (Library), Monroe, Mich.  
 Wood & Selick (Almond), 36 Hudson, New York

Woodmansee F. A. ("Woodmansee," Office & Library), 117 E Pearl, Cincinnati, O.

**10752— Paste (Calking)**

Weatherproof Calking Co. ("Hennen's" Elastic, for Calking Windows, etc in Houses), Minneapolis, Minn.

**10753— Paste (Canners', Etc.)**

Arabol Mfg. Co. (Paste Powder & Tinnol Paste), 100 William, New York  
 Burt Machine Co., 403 E. Oliver, Baltimore, Md.  
 Continental Mfg. Co. ("Continental"), 4611 Girard, Phila., Pa.  
 Electric Cleanser Co., Canton, O.  
 Fales W. H. Co. (Sales Agent), 62 Malden la, New York  
 Indianapolis Paste Co., Indianapolis, Ind.  
 National Gum & Mica Co., 59th & 11th av, New York  
 Schweitzer Samuel, 660 W Lake, Chicago, Ill.  
 Stricker Henry H. & Co., 604 W Pratt, Baltimore, Md.  
 Tacks Mfg. Co., Utica, N. Y.

**10754— Paste (Caramel)**

Kleinbeck C. H. Co., Geneva, Ill.

**10755—Paste (Carriage Trimmers')**

Buckeye Paste Co., 270 S Wall, Columbus, O.

**10756— Paste (Emery)**

Burns E. Reed, 27 Jackson, Brooklyn, N. Y.  
 Jackson Mills Emery Co., Easton, Pa.

**10757— Paste (Library)**

Dennison Mfg. Co., 26 Franklin, Boston, Mass.  
 National Gum & Mica Co. ("Mikah White," "Many-Cell" Jar), 59th & 11th av, New York

**10758— Paste (Pipe Joint)**

Hosmer G. A. Co., 375 Ellicott, Buffalo, N. Y.  
 Thread-Tight Co., 288 Bowery, New York

**10759-60—Paste (Plumbers')**

Starbuck R. M. & Sons, Hartford, Conn.

**Paste (Soldering)**

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Hydraulic Press Mfg. Co., Mt. Gilead, O.

**10762—Pasteurizers (Milk, Etc.)**

Burrell D. H. & Co. ("Simplex" Internal Tube & Long Distance Flow & "Simplex" Spray Vat), Little Falls, N. Y.  
 Climax Machinery Co., Indianapolis, Ind.  
 Kauffman Pasteurizer Co., Three Rivers, Mich.  
 Ladd John W. Co., Detroit, Mich.  
 Ladewig Stock Co., Waukesha, Wis.  
 Miller Pasteurizing Co., Canton, O.  
 Mohr John & Sons, 349 W Illinois, Chicago, Ill.  
 Reid A. H. Creamery & Dairy Supply Co. ("Reid"), 69th & Haverford, Phila., Pa.

**10763—Pasteurizers (Portable)**

U. S. Bottlers' Machinery Co. ("Ideal" for Catsup, Tomato Pulp, etc.), 1033 W Lake, Chicago, Ill.

**10764— Patches (Tube)**

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**10765—\*Patent Leather Solutions**

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**10766— \*Patented Articles**

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Shanafelt Mfg. Co., Canton, O.

**Pattern Plates**

See Plates, Match

**10768—Patterns (Metal)**

See also Patterns & Models

Brost Pattern Wks., 51122 St. Clair, Cleveland, O.  
Standard Pattern Works, 5332 St. Clair av., Cleveland, O.  
Wallace J. D. & Co., 1401 W Jackson blvd., Chicago, Ill.  
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Brown & Hutchinson, Haverhill, Mass.  
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Acme Steel & Malleable Iron Works, 245 Military rd., Buffalo, N. Y.  
Adamson Machine Co., Akron, O.  
Allen Geo. R. (Metal or Wooden, for Machine & Casting Works, 13th & Buttenwood, Phila., Pa.  
Allison R. W., Dayton, O.  
American Machine Works (Wood & Metal), Omaha, Neb.  
American Pattern Co., 3336 Market, Phila., Pa.  
American Pattern Mfg. Co., Youngstown, O.  
American Pattern Works (Wood & Metal), Dubois & Clay, Detroit, Mich.  
Ames B. C. Co. (Models & Experimental Work), Waltham, Mass.  
Anderson Eric J., Hartford, Conn.  
Art Pattern Works (Wood & Metal), 121 Lafayette av., Detroit, Mich.  
Austin F. A. Pattern Co., Syracuse, N. Y.  
Baker James M. (Wood), 114 W Exchange, Providence, R. I.  
Barth Mfg. Co. (Metal), Milwaukee, Wis.  
Bascom & Co., Troy, N. Y.  
Bassett Pattern Works (Wood & Metal), 62 Central av., Cincinnati, O.  
Beach Fred. F. (Wood & Metal), Bridgeport, Conn.  
Belcher Malleable Iron Co. (Metal), Easton, Mass.  
Bemis A. L., Worcester, Mass.  
Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
Blair Tool & Machine Works, 521 Greenwich, New York  
Bradley Edw. & Co. (Wood), 40 Clifford, Providence, R. I.  
Brady & Risher Pattern Works (Wood & Metal), Waterloo, Ia.  
Brost Pattern Works (Wood & Metal), 5122 St. Clair av., Cleveland, O.  
Buckeye Engine Co. (Wood), Salem, O.  
Buffalo Gear & Pattern Works (Gear Patterns Cut by Machinery), 18 Elk, Buffalo, N. Y.  
Buffalo Pattern Works (Wood & Metal Patterns), 800 Hertel av., Buffalo, N. Y.  
Butt Herbert G., 352 Atlantic av., Boston, Mass.  
Cahill W. S. Co., ft Webster, Baltimore, Md.  
Caldwell E. R. & Co. (Wood & Metal), Bradford, Pa.  
Calhoun Pattern Foundry & Machine Co., Houston, Texas  
Canton Malleable Iron Co. (Brass), Canton, O.  
Carley C. R. (Patterns), 318 E Water, Syracuse, N. Y.  
Carolus Mfg. Co., Sterling, Ill.  
Cheney S. & Son, Manlius, N. Y.  
Cincinnati Pattern Works (Wood & Metal), Front & Lawrence, Cincinnati, O.  
Clark Novelty Co. (Metal), Rochester, N. Y.  
Cleveland Castings Pattern Co. (Wood & metal, 1930 E 61st, Cleveland, O.

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Davison, Namack Foundry Co. (Wood & Metal), Ballston Spa, N. Y.  
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 Standard Pattern Works Co. (Gear Patterns Specialty, Wood & Metal), 5332 St. Clair av, Cleveland, O.  
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Sterling W. C. & Son (Cedar), Monroe, Mich.

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"Dixon's" Office & Drawing Pencils), Jersey City, N. J.  
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Brown Gordon (Paper), 25 Elm, New York  
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Faber A. W. ("Castell"), 41 Dickerson, Newark, N. J.  
Faber Eberhard Pencil Co., 39 Greenpoint av, Brooklyn, N. Y.  
Faber Johann (Imp.), 54 Lafayette, New York  
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Keeran & Co. (Ever-Sharp Pencil), Bloomington, Ill.  
National Pencil Co., Atlanta, Ga.

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Adams D. C. Crayon Co. (Crayons), 125 Market, St. Louis, Mo.  
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**DIXON JOSEPH CRUCIBLE CO.** (Graphite), Jersey City, N. J.  
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Doggett Stanley (Artificial), 11 Cliff, New York  
Ilfelder B. & Co. (Artificial), 29 Union sq, New York  
Steward D. M. Mfg. Co. ("Compo."), Chattanooga, Tenn.

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Cohutta Talc Co. (Soapstone; also Crayon), Dalton, Ga.  
**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*  
Doggett Stanley, 11 Cliff, New York  
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### 10802—Pencils (Water Color)

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### 10803—Pendants (Wiring)

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Norton Grinding Co., Worcester, Mass.

### 10805—Penholders

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PENHOLDERS—Commercial, School and Advertising  
PLAIN, POLISHED AND ENAMELED IN ANY STYLE  
Specialty of All-Wood and Cork-Core Penholders, Black-board Dividers and Pointers, and Educational Specialties  
358 5th AVENUE NEW YORK CITY

Faber Eberhard Pencil Co., 37 Greenpoint av, Brooklyn, N. Y.  
Pencil Printing Co. (Advertising), 140 S 4th, Phila., Pa.  
Union Pearl Works (Pearl), 43 W 27th, New York. Works: Brooklyn, N. Y.

### 10806—Pennant Mrs.

*See also Flag Mrs.*

Annin & Co., 99 Fulton, New York  
Art Graphic Co., 129 Fulton, New York  
Beverly Mfg. Co., Stanton, Va.  
Bradford & Co., St. Joseph, Mich.  
Chicago Pennant Co., 6142 Cottage Grove av, Chicago, Ill.  
Donaldson Art Sign Co., 21st & L. N. R. R. Cov, Cincinnati, O.  
Hoffmann-Corr Mfg. Co., 312 Market, Phila., Pa.  
Mortenson Samuel & Co., 833 W Jackson Blvd, Chicago, Ill.  
Pacific Pennant & Novelty Co., Los Angeles, Cal.  
Pennant Novelty Co., 322 B'way, New York  
Rod Pennant Mfg. Co., 3 Watkins, Brooklyn, N. Y.  
Sternthal F. (Felt), 217 W Madison, Chicago, Ill.  
Triangie Pennant Co., 160 N 5th av, Chicago, Ill.  
Wales H. A. Co. (Who. Dirs.), Bridgeport, Conn.

### 10807—Pens (Calf, Cow & Bull)

James Mfg. Co. ("James"), Ft. Atkinson, Wis.  
Libby C. A. Co. ("Libbey"), Oshkosh, Wis.  
Louden Machinery Co., Fairfield, Ia.  
Rassmann F. Mfg. Co., Beaver Dam, Wis.

#### Pens (Fountain)

*See Fountain Pen Mfrs.*

### 10808—Pens (Gold)

Acme Gold Pen Co., 17 Vandewater, New York  
Gaydoul Gold Pen Co., 50 John, New York  
Hicks Wm. Mather, 235 Greenwich, New York  
Horn M. T. Co., 114 Park pl, New York  
Pearce F. T. Co., 85 Sprague, Providence, R. I.  
Todd Edw. & Co., 1 W 34th, New York  
Willard Pen Co., Bayonne, N. J.

### 10809—Pens (Gold Plated)

Hunt C. Howard Pen Co. (For Fountain Pens), Camden, N. J.  
Turner & Harrison Pen Mfg. Co. (For Fountain Pens), 1211 Spring Garden, Phila., Pa.

### 10810—Pens (Ruling)

Alteneder Theo & Sons, 945 Ridge av, Phila., Pa.  
Dredge A. Ruling Pen Co., 75 Gold, New York  
Hickok W. O. Mfg. Co., Harrisburg, Pa.  
Keuffel & Esser, Hoboken, N. J.

### 10811—Pens (Show Card Printing)

Keuffel & Esser ("Payzant"), Hoboken, N. J.

### 10812—Pens (Steel)

Esterbrook Steel Pen Mfg. Co., Camden, N. J.  
Graff Geo. B. Co. ("Graffco Silver Steel"), 294 Washington, Boston, Mass.  
Hunt C. Howard Pen Co., Camden, N. J.  
Mason W. L. & Co. ("Mason's"), Keene, N. H.  
Miller Bros. Cutlery Co., Meriden, Conn.  
Spencerian Pen Co., 349 B'way, New York  
Turner & Harrison Pen Mfg. Co., ("Isaacs"), 1211 Spring Garden, Phila., Pa.

### 10812a—\*Pensticks

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 10813—Penstocks

Atlantic Works, 80 Border, East B, Boston, Mass.  
**BIGGS BOILER WORKS CO.** (Steel), Case av & Williams, Akron, O.  
*See adv index at end of book*  
Brennan John & Co., 24th & M. C. R. R., Detroit, Mich.  
Casey-Hedges Co., Chattanooga, Tenn.  
Connery & Co., 2d & Luzerne, Phila., Pa.  
Cox & Sons Co., 5th & Chestnut, Phila., Pa.

**DIXON'S ELDERADO**  
"The master drawing pencil"  
Made in 17 perfect gradings  
**DIXON'S ANGLO-SAXON**  
A general service, rubber-tipped pencil of highest quality  
Made in Jersey City, N. J. by the  
**Joseph Dixon Crucible Co.**  
Established 1827

**DIXON JOSEPH CRUCIBLE CO.** (For Architects, Draughtsmen, etc.), Jersey City, N. J.  
*See adv index at end of book*



Dalrymple George (Wrought Steel), Fair Haven, Vt.  
 Dillon D. M. Steam Boiler Works, Fitchburg, Mass.  
**DOVER BOILER WORKS.** Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Fairbanks, Morse & Co. (Railroad), 900 S Wabash av, Chicago, Ill.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hammond Iron Works, Warren, Pa. *See adv index at end of book*  
 Humphrey Machine Co., Keene, N. H.  
 Hunt Rodney Machine Co., Orange, Mass.  
 International Engineering Works, Framingham, Mass.  
 Keeler E. Co., Williamsport, Pa.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, O.  
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.  
 Leslie Elliott & Co., Paterson, N. J.  
 McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich. *See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Mitchell, Tappen Co., 17 John, New York  
 Muskegon Boiler Works, Muskegon, Mich.  
 New England Iron Works Co., Summer, Boston, Mass.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Platt Iron Works Co., Dayton, O.  
 Pollock Wm. B. Co., Youngstown, O.  
 Poole Engineering & Machine Co. (For Water Wheels), Woodberry Station, Baltimore, Md.  
 Portland Co., Portland, Me.  
 Reeves Bros. Co., Alliance, O.  
 Riter-Conley Co., Pittsburgh, Pa.  
 Scannell Boiler Works, Lowell, Mass.  
 Smith Samuel & Son Co., Paterson, N. J.  
 Stafford Wright & Son, Lawrence, Mass.  
**STEARNS A. T. LUMBER CO.** (Wood), 100 Taylor, Neponset, Boston, Mass. *See adv index at end of book*  
 Stevens Tank & Tower Co. (Wood), Auburn, Me.  
 Struthers-Wells Co., Warren, Pa. *See adv index at end of book*  
 Tippet & Wood, Phillipsburg, N. J.  
 Tofte Boiler & Sheet Iron Works, Houston, Texas  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 U. S. Wind Engine & Pump Co., Batavia, Ill.  
 Walsh's Boiler & Iron Works, Springfield, Mass.  
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wolf Co. (Cast Iron & Steel Plate), Chambersburg, Pa.

#### 10814—Perches (Examining)

Tillotson Humidifier Co., 78 Fountain, Providence, R. I.

#### 10815—Percolators (Chemical Works)

Devine J. P. Co., Buffalo, N. Y.  
 Philadelphia Copper-smithing Co., 222 N Front, Phila., Pa.  
 Stuart & Peterson Co., Burlington, N. J.  
 Young Bros. Co., Detroit, Mich.

#### 10816—Percolators (Coffee)

Aluminum Products Co. (Aluminum), La Grange, Ill.  
 American Electrical Heater Co., Detroit, Mich.  
 Bowman Geo. H. Co. ("Bowman" Swissalu Aluminum), 224 Euclid av, Cleveland, O.  
 Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.  
 Buffalo Mfg. Co., Buffalo, N. Y.  
 Burritt O. W. & Bro. ("Harrington" Tea & Coffee), Weedsport, N. Y.  
 Crystal Percolator Co. ("Filtrola"), 44 E 23d, New York  
 Economic Percolator Co. ("Little Wonder"), 265 B'way, New York  
**GENERAL ELECTRIC CO.** (Electric), Schenectady, N. Y. *See adv index at end of book*

Hotpoint Electric Heating Co. ("El Perco" Electric), Ontario, Cal.  
 International Silver Co., Meriden, Conn.  
 Justrite Mfg. Co., Curtis bldg, Buffalo, N. Y.  
 Keyes-Davis Co., Battle Creek, Mich.  
 Landers, Frary & Clark ("Universal," "Thermax"), New Britain, Conn.  
 Lisk Mfg. Co. (Enameled), Canandaigua, N. Y.  
 Manning Bowman & Co., Meriden, Conn.  
 National Aluminum Works, Elmira, N. Y.  
 New England Enameling Co. ("Ideal"), Middletown, Conn.  
 New York Stamping Co. ("Empress"), N 11th & Berry, Brooklyn, N. Y.  
 Paramount Utensil Mfg. Co., 24 Murray, New York  
 Prisk Wm. M. & Sons Mfg. Co., Yalesville, Conn.  
 Republic Metalware Co., The, Buffalo, N. Y.  
 Rochester Stamping Co. (Electric & Alcohol), Rochester, N. Y.  
 Rome Mfg. Co., Rome, N. Y.  
 Silver & Co. ("Marion Harland"), 304 Hewes, Brooklyn, N. Y.  
 Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.  
 Standard Aluminum Co. (Aluminum), Two Rivers, Wis.  
 Standard Spinning & Stamping Co., Toledo, Ohio  
 Sternau S. & Co., 160 John, Brooklyn, N. Y.  
 Sutterley G. T. & Co., 23d & Hamilton, Phila., Pa.  
 Sweeney W. H. Mfg. Co. (Copper, Nickel & Aluminum), 30 Main, Brooklyn, N. Y.  
 Toledo Cooker Co. ("Ideal"), Toledo, O.  
 Wagner Mfg. Co. ("Wagner" Aluminum), Sidney, O.  
 West Bend Aluminum Co., West Bend, Wis.  
**WESTINGHOUSE ELECTRIC & MFG. CO.** (Electric), East Pittsburgh, Pa. *See adv index at end of book*

#### 10816a—Percolators (Garbage Grease, Etc.)

**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O. *See adv index at end of book*

**KUTZTOWN FOUNDRY & MACHINE CO.** (Rotary), 1421 Chestnut, Phila., Pa. *See adv index at end of book*

#### 10817—Percolators (Pharmaceutical)

Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

#### 10818—Perforators (Postage Stamp)

American Perforator Co., 617 W Jackson Blvd, Chicago, Ill.

#### 10818a—Perfume Dresser Stands & Bottles

du Pont E. I., de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York

#### 10819—Peroxide of Hydrogen

Bené John & Sons, 645 Dean, Brooklyn, N. Y.  
 Brewer & Co., Worcester, Mass.  
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York  
 Roessler & Hasslacher Chemical Co., 100 William, New York

#### 10820—Peroxide of Manganese

American Metal Co., 61 B'way, New York  
 Lavino E. J. & Co (Imp), Bullitt bldg, Phila., Pa.  
 Samuel Frank, Harrison bldg, Phila., Pa.

#### 10821—Peroxide of Sodium

Niagara Electro Chemical Co., Niagara Falls, N. Y.  
 Roessler & Hasslacher Chemical Co., 100 William, New York

#### 10821a—\*Pestles

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

#### 10822—Petrolatum

American Petroleum Products Co., 196 Water, New York  
 Atlantic Refining Co., Cleveland, O.  
 Binghamton Oil Refining Co., Binghamton, N. Y.

Canfield Oil Co., Cleveland, O.  
 Chesebrough Mfg. Co. ("Vaseline"), 17 State, New York  
 Clarendon Refining Co., Clarendon, Pa.  
 Clark F. C., 316 Kinzie, Chicago, Ill.  
 Connewango Refining Co., Warren, Pa.  
 Crew-Levick Co., Land Title bldg., Phila., Pa.  
 Daugherty W. H. & Son, Refining Co., Petrolia, Pa.  
 Freedom Oil Works Co., Freedom, Pa.  
 Monitor Oil Co., Cleveland, O.  
 Pennsylvania Refining Co., Karns City, Pa.  
 Petrolia Refining Co., Petrolia, Pa.  
 Standard Oil Co., 555 W 25th, New York

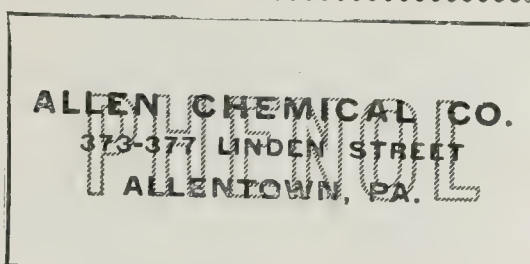
#### 10823—Petroleum & Its Products

Amalgamated Oil Co., Pacific Electric bldg., Los Angeles, Cal.  
 American Oil Works (Ltd.), Titusville, Pa.  
 American Petroleum Products Co., 196 Water, New York  
 American Refining Co., Tulsa, Okla.  
 Ardmore Refining Co., Ardmore, Okla.  
 Asphaltum & Oil Refining Co., Los Angeles, Cal.  
 Associated Oil Co., Sharon bldg, San Francisco, Cal.  
 Atlantic Refining Co., 1344 Passyunk av, Phila., Pa.  
 Bessemer Refining Co., Titusville, Pa.  
 Buffalo Refining Co., 77 Main, Buffalo, N. Y.  
 Caddo Oil Refinery, Shreveport, La.  
 California Fresno Oil Co., Fresno, Cal.  
 Camp Harry E., Bradford, Pa.  
 Canfield Oil Co., Cleveland, O.  
 Capitol Refining Co., Stockyards, Cal.  
 Central Refining Co., Lawrenceville, Ill.  
 Chanute Refining Co., Chanute, Kan.  
 Chelsea Refining Co., Chelsea, Okla.  
 Clarendon Refining Co., Warren, Pa.  
 Clark Fred. G. Co., 1081 W 11th, Cleveland, O.  
 Cleveland Petroleum Ref. Co., Cleveland, Okla.  
 Columbia Oil Co. of N. Y., 15 William, New York  
 Conewango Refining Co., Warren, Pa.  
 Constantin Refining Co., Tulsa, Okla.  
 Consumers' Refining Co., 76 W Monroe, Chicago, Ill.  
 Continental Refining Co., Oil City, Pa.  
 Cornplanter Refining Co., Warren, Pa.  
 Cosden & Co., Tulsa, Okla.  
 Crew-Levick Co., Land Title bldg, Phila., Pa.  
 Crystal Oil Works, Oil City, Pa.  
 Cushing Refining Co., Cushing, Okla.  
 Densmore-Stabler Co. (Distillate), Los Angeles, Cal.  
 Dougherty W. H. & Son Refining Co., Petrolia, Pa.  
 Emery Mfg. Co., Bradford, Pa.  
 Emlenton Refining Co., Emlenton, Pa.  
 Empire Oil Works, Oil City, Pa.  
 Foco Oil Co. (Jobbers), Franklin, Pa.  
 General Petroleum Co., Alaska Commercial bldg, San Francisco, Cal.  
 Germania Refining Co., Oil City, Pa.  
 Great Western Oil Co., Cleveland, O.  
 Gulf Refining Co., Frick bldg. annex, Pittsburgh, Pa.  
 Hercules Oil Refining Co., 610 S Main, Los Angeles, Cal.  
 Independent Refining Co. (Ltd.), Oil City, Pa.  
 Indian Refining Co., New Bank of Commerce bldg, St. Louis, Mo.  
 Indian Refining Co. (Crude Petroleum), 44 Whitehall, New York  
 Indian Territory Illuminating Oil Co., Bartlesville, Okla.  
 International Refining Co., Cushing, Okla.  
 Island Petroleum Co., Neville Island, Pittsburgh, Pa.  
 Jordan Oil Co., 28th & Sta Fe Tracks, Los Angeles, Cal.  
 Kansas Co-Operative Refining Co., Chanute, Kans.  
 Kendall Refining Co., Bradford, Pa.  
 Layton Park Oil & Soap Co., 29th & Forest Home avs, Milwaukee, Wis.  
 Louisiana Oil Refining Co., Shreveport, La.  
 Magnolia Petroleum Co., Galveston, Tex.  
 Mexican Petroleum Co., Los Angeles, Cal.  
 Midwest Refining Co., Casper, Wyo.  
 Miller's A. D. Sons Co., Columbus & Preble, Pittsburgh, Pa.  
 Milliken Refining Co., Merchants Exch. bldg, St. Louis, Mo.  
 Monarch Oil Refining Co., 24 California, San Francisco, Cal.  
 Muskogee Refining Co., Muskogee, Okla.  
 Mutual Oil Co., Interstate bldg., Kansas City, Mo.



Mutual Refining Co (Ltd.), Warren, Pa.  
 National Oil Refining & Mfg. Co., Bakersfield, Cal.  
 National Refining Co., Rose bldg, Cleveland, O.  
 Oklahoma Refining Co., Oklahoma, Okla.  
 Pacific States Refineries, 110 Sutter, San Francisco, Cal.  
 Pacific States Refining Co., Fruitvale, Cal.  
 Paragon Refining Co., Toledo, O.  
 Pennsylvania Oil Products Ref. Co., Eldred, Pa.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Petroleum Products Co., Independence, Kans.  
 Petroleum Refining Co., 156 N La Salle, Chicago, Ill.  
 Petrolia Refining Co., Petrolia, Pa.  
 Phoenix Oil Co., 2554 W 5th, Cleveland, O.  
 Phoenix Refining Co., Tulsa, Okla.  
 Phoenix Refining & Mfg. Co., Bakersfield, Cal.  
 Pierce Oil Corp., Bank of Com. bldg, St. Louis, Mo.  
 Pinal Dome Refining Co., Santa Maria, Cal.  
 Pittsburgh Oil Refining Co., Pittsburgh, Pa.  
 Ponca Refining Co., Ponca City, Okla.  
 Producers Refining Co., Gainesville, Tex.  
 Producers & Refiners Oil Co., 248 4th av, Pittsburgh, Pa.  
 Puente Oil Co., Chino, Cal.  
 Pure Oil Co., Lafayette bldg, Phila., Pa.  
 Riverside Oil Co., Benedum Trees bldg., Pittsburgh, Pa.  
 Roxana Petroleum Corp., Tulsa, Okla.  
 Sapulpa Refining Co., Sapulpa, Okla.  
 Schock Refining Co., Niotage, Kans.  
 Seneca Oil Works, Warren, Pa.  
 Sinclair Oil Co., Conway bldg., Chicago, Ill.  
 South Western Refining Co., Bigheart, Okla.  
 Southern Oil Corp., Tulsa, Okla.  
 Southern Refining Co., Los Angeles, Cal.  
 Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.  
 Standard Oil Co. (Medicinal), 72 W Adams, Chicago, Ill.  
 Standard Oil Co. of La., Baton Rouge, La.  
 Standard Oil Co. of N. J., 26 B'way, New York  
 Standard Oil Co. of N. Y. ("Socony"), 555 W 25th, New York  
 Standard Oil Co. of Ohio, Cleveland, O.  
 Sun Co., Finance bldg, Phila., Pa.  
 Superior Oil Works, Warren, Pa.  
 Texas Co., 17 Battery pl, New York  
 Tide Water Oil Co., 11 B'way, New York  
 Tiger Refining Co., Okmulgee, Okla.  
 Titusville Oil Works, Titusville, Pa.  
 Uncle Sam Oil Co., Kansas City, Kans.  
 Union Oil Co., Los Angeles, Cal.  
 Union Petroleum Co., Widener bldg, Phila., Pa.  
 United Refining Co., Warren, Pa.  
 Utah Oil Refining Co., Salt Lake City, Utah.  
 Vacuum Oil Co., Rochester, N. Y.  
 Van Tilburg Oil Co., 2428 University av, Minneapolis, Minn.  
 Ventura Refining Co., 454 S Spring, Los Angeles, Cal.  
 Vinita Refining Co., Vinita, Okla.  
 Warren Refining Co., Warren, Pa.  
 Webster C. D. Oil Co., Coalton, Okla.  
 Webster Refining Co., Jennings, La.  
 Wichita Valley Refining Co., Iowa Park, Tex.  
 Wilburine Oil Works (Ltd.), Warren, Pa.  
 Wilhoit Refining Co., Springfield, Mo.  
 Yosemite Oil Refining Co., Cheney & Harriet, Los Angeles, Cal.

### 10825a— \*Phenol



### 10825b—\*Phenol Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

### 10826— Phenolphthalein

Monsanto Chemical Works, St. Louis, Mo.  
 Standard Aniline Products (Mfrs.), 366 5th av, New York

### 10826a—Phonograph Reproducers

Dickey-Grabler Co., Noble & W 2nd, Cleveland, O.

### Phonographs

*See Talking Machines*

### 10827—Phosphate of Ammonia

Katzenbach & Bullock Co. (Imported), Trenton, N. J.  
 Victor Chemical Wks., Fisher bldg., Chicago, Ill.

### 10828— Phosphate Rock

Arkansas Fertilizer Co. (Miners), Little Rock, Ark.  
 Baker H. J. & Bro. (Belgian, etc), 81 Fulton, New York  
 Buttgenbach J. & Co., Holder, Fla.  
 Charleston S. C. Mining & Mfg. Co., Richmond, Va.  
 Consolidated Phosphate Co., Columbia, Tenn.  
 Coronet Phosphate Co. (Miners), 99 John, New York  
 Export Phosphate Co., 53 State, Boston, Mass.  
 Federal Chemical Co., Louisville, Ky.  
 Florida Phosphate Mining Corp., Bartow, Fla.  
 Foote Mineral Co. (Imp. Apatite), 107 N 19th, Phila., Pa.  
 Heller Jos. S. (Also Ground & Acid Phosphate Brokers), 62 William, New York  
 International Ag'l Corp. (Florida Land Pebble & Tennessee), 61 B'way, New York  
 International Phosphate Co., 27 State, Boston, Mass.  
 Lang J. M. & Co., Savannah, Ga.  
 Marden, Orth & Hastings Co. (Miners), 61 B'way, New York  
 Mutual Mining Co., Savannah, Ga.  
 Palmetto Phosphate Co., Keyser bldg, Baltimore, Md.  
 Peters, White & Co., 55 John, New York  
 Phosphate Mining Co. (Miners), 55 John, New York  
 Pierce Phosphate Co., Pierce, Fla.  
 Prairie Pebble Phosphate Co. (Land Pebble Miners & Shippers), 161 B'way, New York  
 U. S. Phosphate Co., Salt Lake City, Utah  
 Virginia-Carolina Chemical Co., Richmond, Va.  
 Williams Hardware (Untreated Ground for Agricultural Purposes), Streator, Ill.

### 10829— Phosphine

Klipstein A. & Co. (Patent for Tanners), 644 Greenwich, New York

### 10830— Phosphor Bronze

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.  
 American Manganese Bronze Co., Holmsburg, Phila., Pa.

Brady Brass Co., 170 14th, Jersey City, N. J.  
**BUNTING BRASS & BRONZE CO.**, 738 Spencer, Toledo, O.  
*See adv index at end of book*  
 Coates, Bennett & Reidenbach, Rochester, N. Y.  
 Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.  
 Damascus Bronze Co. ("Damascus"), N. S. Pittsburgh, Pa.  
*See adv index at end of book*  
 Edna Brass Mfg. Co., Cincinnati, O.  
 Gilbert A. & Sons Brass Fdry. Co. ("Veloxy"), 4019 Forest Pk. bldg, St. Louis, Mo.  
 Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.  
 Hungerford U. T. Brass & Copper Co. (Sheets, Rods, Wire, etc), 80 Lafayette, New York  
 Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.  
 New Era Mfg. Co. (White), Kalamazoo, Mich.  
 Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.  
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.  
 Riverside Metal Co., Riverside, N. J.  
 Seligman Arthur, 165 B'way, New York  
 Shimer, McGlynn & Co., 19th & Washington av, Phila., Pa.

### 10831—Phosphor Bronze Sheets

Hungerford U. T. Brass & Copper Co. 80 Lafayette, New York  
**MERCHANT & EVANS CO.**, 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 Phosphor Bronze Smelting Co. ("Elephant Brand"), 2200 Washington av, Phila., Pa.  
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.  
 Riverside Metal Co., Riverside, N. J.  
 Shimer, McGlynn Co., 19th & Washington av, Phila., Pa.  
 Trumbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, and 43 No. 7th, Phila., Pa.  
*See adv index at end of book*  
 Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.  
*See adv index at end of book*

### 10832— Phosphor Copper

Ajax Metal Co. ("Ajax"), 46 Richmond, Phila., Pa.  
 Coates, Bennett & Reidenbach, Rochester, N. Y.  
 Crescent Phosphorized Metal Co. ("Crescent"), 2314 Wood, Phila., Pa.  
 Crown Smelting Co., Chester, Pa.  
**DAMASCUS BRONZE CO.** ("Damascus Guaranteed" 5%, 10%, 15%), Pittsburgh, Pa. *See adv index at end of book*  
 Eagle Smelting & Refining Works, 233 B'way, New York  
 Lang R. F. ("Royal"), 8 Bridge, New York  
 More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.  
 Nassau Smelting & Refining Works, 607 W 29th, New York  
 North American Smelting Co., 9th & Thompson, Phila., Pa.  
 Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.

### 10824— Pew End Mfrs.

American Sash & Door Co., Kansas City, Mo.  
 Carr, Ryder & Adams Co. (Wholesale Mfrs.), Dubuque, Ia.  
 Carter-Phelps Mfg. Co., Keokuk, Ia.  
 Farley & Loetscher Mfg. Co., Dubuque, Ia.  
 Moore Mfg. Co., Springfield, Mo.  
 Peirce W. E. & Co., Milford, N. H.  
 Tiffin Mfg. Co., Tiffin, O.

### Phaetons

*See Carriages*

### Pharmaceutical Apparatus

*See Pharmaceutical Machinery; also Chemical Machinery*

### 10825— Pharyngoscopes

Electro Surgical Instrument Co., Rochester, N. Y.

**When writing to firms whose names appear in this book please mention**

**HENDRICKS' COMMERCIAL REGISTER.**





## PHOSPHOR COPPER AND INGOT METALS

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These alloys are sold with the purity  
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Richards & Company, Inc. ("Star"), 192  
Beverly, Boston, Mass.  
Riverside Metal Co., Riverside, N. J.  
Roessler & Hasslacher Chemical Co., 100  
William, New York  
United States Reduction Co., E Chicago,  
Ind.

### 10833— Phosphor Tin

Ajax Metal Co. ("Ajax"), 46 Richmond,  
Phila., Pa.  
Atkinson Co., Rochester, N. Y.  
Coates, Bennett & Reidenbach, Rochester,  
N. Y.  
Crescent Phosphorized Metal Co. ("Cres-  
cent"), 2314 Wood, Phila., Pa.  
**DAMASCUS BRONZE CO.** ("Damascus  
Guaranteed," 5%), N S, Pittsburgh, Pa.  
Eagle Smelting & Refining Works, 233  
B'way, New York  
Empire Metal Co., Syracuse, N. Y.  
Jacobson I. M. & Sons Co., 70 Catherine,  
Detroit, Mich.  
Lang R. F. ("Royal"), 8 Bridge, New  
York  
More-Jones Brass & Metal Co., B'way &  
Dock, St. Louis, Mo.  
Nassau Smelting & Refining Works, 607  
W 29th, New York  
New Era Mfg. Co., Kalamazoo, Mich.  
North American Smelting Co., 9th &  
Thompson, Phila., Pa.  
Richards & Company, Inc. ("Star"), 192  
Beverly, Boston, Mass.  
Riverside Metal Co., Riverside, N. J.  
Seligman Arthur, 165 B'way, New York  
United Lead Co., 111 B'way, New York  
United States Reduction Co., E Chicago,  
Ind.

### 10834— Phosphorizers

Bartley Jonathan Crucible Co., Trenton,  
N. J.  
Bridgeport Crucible Co., Bridgeport, Conn.  
**DIXON JOSEPH CRUCIBLE CO.** (Brass  
Foundry), Jersey City, N. J.  
*See adv index at end of book*  
McCullough-Dalzell Crucible Co., 36th &  
A. V. Ry., Pittsburgh, Pa.

### 10835— Phosphorum Copper

Miller W. E. (Imported), 17 State, New  
York

### 10836— Phosphorus

American Phosphorus Co., 3rd & Dauphin,  
Phila., Pa.  
Crescent Phosphorized Metal Co., 2314  
Wood, Phila., Pa.  
General Chemical Co. (For Phosphor  
Bronze, etc), 25 Broad, New York

### 10837—Photographers (Architec- tural)

Chautauqua Photographic Co., Empire  
bldg, Pittsburgh, Pa.  
Chicago Architectural Photographing Co.,  
Marquette bldg, Chicago, Ill.  
Johnston R. W., Studios, 241 5th av, Pitts-  
burgh, Pa.  
McCollin Thos. H. & Co., 54 N 9th, Phila.,  
Pa.  
Patzig August & Son, 238 Hancock av,  
Jersey City, N. J.  
Rockwood Photographer, 510 W 145th,  
New York  
Taylor J. W., 440 S Dearborn, Chicago, Ill.

### 10839— Photometers

American Meter Co. (Jet, "Sugg-Letheby"  
Style "B," Closed & Portable), 11th  
av & 47th, New York  
Connelly Iron Sponge & Governor Co.  
"Jones" Jet), 227 Fulton, New York  
Dwyer Machine Co., Lynn, Mass.  
Foote-Pierson & Co. ("Matthews" "Sharp-  
Miller"), 160 Duane, New York  
Leeds & Northrup Co. (Lamp Testing,  
"Reischsanstalt" Precision & Station),  
Stenton av, Gtn., Phila., Pa.  
Precision Instrument Co., Detroit, Mich.  
Queen-Gray Co., 618 Chestnut, Phila., Pa.  
Standard Calorimeter Co., East Moline, Ill.  
Thompson-Levering Co. ("Peerless"), 323  
Arch, Phila., Pa.

### 10840—Photo-Micrographic Appa- ratus

Bausch & Lomb Optical Co., Rochester,  
N. Y.  
Leitz Ernest (Imp), 30 E 18th, New York

### 10841— Physical Apparatus

Gaertner Wm. & Co. (For Laboratories),  
5349 Lake Park av, Chicago, Ill.

### 10841a—\*Piano Player Parts (Wood)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 10842— Pianos

Marked thus \* also make Player Pianos  
Marked thus † make Player Pianos only  
*See also Organs*

#### CALIFORNIA.

SAN FRANCISCO—Fay Robert, 567 Valen-  
cia  
Pierce Walter S. Co., 691 14th  
Schmitz William, 48 Bartlett

#### CONNECTICUT.

DERBY—\*Sterling Company  
MERIDEN—\*Wilcox & White Co.  
NEW HAVEN—Mathushek Piano Mfg. Co.  
Shoninger B. Co.  
SHELTON—\*Huntington Piano Co.  
STAMFORD—Kroeger Piano Co.  
WEST HARTLAND—Hall Organ Co.

#### ILLINOIS.

CHICAGO—Bauer Julius & Co., 305 S  
Wabash av  
\*Bent Geo. P. Co., 214 S Wabash av  
Boller Piano Co., 2168 Milwaukee av  
Brinkerhoff Piano Co., 209 S State  
Bush & Gerts Piano Co., 1550 Dayton  
\*Cable Co., 301 S Wabash av  
\*Cable-Nelson Piano Co., 209 S State  
Chickering Bros., 2250 S Park av  
\*Clark Melville Piano Co., 410 S Mich-  
igan av  
Clemons C. B. Co., 1513 W Madison  
\*Decker Bros. Co., 1223 Miller  
Detmer Henry, 10 S Wabash  
\*Engelhardt-Seybold Co., 316 S Wa-  
bash av. (See Elgin, Ill.)  
Gulbransen-Dickinson Co., 36 S State  
\*Kimball W. W. Co., 304 S Wabash av  
\*King Piano Co., 238 S Wabash av  
Leies J. & Son, 1956 Larrabee  
\*Lyon & Healy, 245 S Wabash av  
\*Marquette Piano Co., 1608 S Canal  
Morenus Piano Co., 341 W Superior  
Nelson H. P. & Son Piano Co., 1254  
Marianna  
Newman Brothers Co., 806 Dix

Operator's Piano Co. (Electric), 1911  
Clybourn av  
Peerless Piano Player Co., 316 Wa-  
bash av  
Price & Teeple Piano Co., 218 S Wa-  
bash  
Reed & Sons Piano Mfg. Co., 28 E  
Jackson blvd  
Reichardt Piano Co., 733 Milwaukee  
av  
Root J. M. Piano Co., 6632 Kimbark  
av  
Schaefer Piano Mfg. Co., 218 S Wa-  
bash av  
Scherp B. & Sons, 2102 Clybourn av  
Schulz M. Co., 711 Milwaukee av  
Seeburg J. P. Piano Co. (Electric),  
419 W Erie  
Singer Piano Co., 238 S Wabash av  
Smith, Barnes & Strohber Co., 1872  
Clybourn av  
†Star Music Co. (Coin Operated), 9 E  
Harrison  
Starck P. A. Piano Co., 208 S Wa-  
bash av  
Steger & Sons Piano Mfg. Co., 238  
S Wabash av  
\*Story & Clark Piano Co., 317 S  
Wabash av  
Tryber Piano Co., 36 S State  
Weber & Sons, 1256 Wellington av  
Werner Piano Co., 1325 Milwaukee av  
Williams Piano & Organ Co., 14 W  
Washington  
\*Wurlitzer Rudolph Co., 329 S Wa-  
bash av

CHICAGO HEIGHTS—\*Hamilton Piano  
Co. (See Baldwin Piano Co., Cin-  
cinnati, O.)

DE KALB—\*Clark Melville Piano Co.  
(See Chicago, Ill.)

DIXON—†Rodesch Piano Player Co.

ELGIN—\*Engelhardt-Seybold Co.

\*Seybold Piano & Organ Co.

GALESBURG—Wenzelman Gustave

KANKAKEE—\*Schaeffer Piano Works

(See Chicago, Ill.)

MOLINE—Peterson J. Co.

OREGON—\*Schiller Piano Co.

OTTAWA—Johnson E. P. Piano Co.

\*Western Cottage Piano & Organ Co.

ROCKFORD—Andersn G. A. Piano Co.

Ekroth Piano Co.

\*Haddorff Piano Co.

\*Schumann Piano Co.

ROCK ISLAND—†Artista Piano Player Co.

STEGE—Reed & Sons Piano Mfg. Co.

(See Chicago, Ill.)

#### INDIANA.

BRAZIL—\*Knight-Brinkerhoff Piano Co.  
CONNERSVILLE—\*Krell Auto Grand  
Piano Co.

FORT WAYNE—Packard Piano Co.

HAMMOND—Straube Piano Co.

HUNTINGTON—\*Schaff Brother Co.

LA PORTE—\*Cable Hobart M. Co.

MUNCIE—\*Bell Bros. Piano Co.

NEW CASTLE—French Jesse & Sons  
Piano Co.

PERU—\*Chute & Butler Co.

RICHMOND—\*Starr Piano Co.

#### IOWA.

BELLEVUE—\*Bellevue Piano Co.

#### KENTUCKY.

DAYTON—\*Harvard Piano Co. (See John  
Church Co., Cincinnati, O.)

LOUISVILLE—Adler Mfg. Co.

†Burks P. I. & Co.

†Green Piano Co.

Pilcher's Henry Sons

#### MAINE.

FOXCRAFT—Hughes & Son Piano Mfg.  
Co.

#### MARYLAND.

BALTIMORE—\*American Piano Co., Park  
av & Lafayette

Shaw Piano Co., 9 N Liberty

\*Stieff Chas. M., 9 N Liberty

#### MASSACHUSETTS.

BOSTON—Bourne W. & Son  
\*Chickering & Sons, 791 Tremont  
Emerson Piano Co., 560 Harrison av  
\*Everett Piano Co., Albany  
\*Hallet & Davis Piano Co., 146 Boyl-  
ston



\*Ivers & Pond Piano Co., 114 Boylston  
 \*Kraft, Bates & Spencer, 156 Boylston  
 \*McPhail A. M. Piano Co., 120 Boylston  
 \*Miller Henry F. & Sons Piano Co., 395 Boylston  
 \*National Piano Co., 621 Albany  
 \*Stieff Chas. M., 122 Boylston (See Baltimore)  
 \*Trowbridge Piano Co., 120 Boylston  
 \*Vose & Sons Piano Co., 160 Boylston  
**CAMBRIDGE**—Poole Piano Co.  
**FALL RIVER**—Cote Piano Mfg. Co.  
**FRANKLIN**—\*Trowbridge Piano Co. (See Boston, Mass.)  
**LEOMINSTER**—\*Jewett Piano Co.  
 \*Webster Piano Co.  
**NEEDHAM**—Bourne Wm. & Son Piano Co.  
**PITTSFIELD**—†Teleelectric Co. (See New York City)  
**WORCESTER**—†Simplex Player Action Co.

**MICHIGAN.**

**ADRIAN**—Clough & Warren Co. (See Detroit, Mich.)  
**DETROIT**—Clough & Warren Co., University bldg  
**GRAND HAVEN**—\*Story & Clark Piano Co. (See Chicago, Ill.)  
**GRAND RAPIDS**—Manville J. A. National Piano Mfg. Co. (Coin Operated)  
**HOLLAND**—\*Bush & Lane Piano Co.  
**MUSKEGON**—\*Chase-Hackley Piano Co.  
**SAGINAW**—\*Germain Piano Co.  
**SOUTH HAVEN**—\*Cable-Nelson Piano Co. (See Chicago, Ill.)  
 \*Melin-Winkel Piano Co.

**MINNESOTA.**

**FARIBAULT**—Schimmel & Co.  
**ST. PAUL**—Dyer W. J. & Bro.  
 Raudenbush & Sons Piano Co.  
 \*Wick P. S. Co.

**MISSOURI.**

**KANSAS CITY**—†Berry-Wood Piano Player Co.  
 †Smith J. D. Piano Co.  
**ST. LOUIS**—French Jesse Piano & Organ Co.

**NEBRASKA.**

**COLUMBUS**—Fontein Wm. Piano Co.  
**OMAHA**—Schmoller & Mueller Piano Co.

**NEW HAMPSHIRE.**

**HAMPTON**—Brown Moses W. & Co.

**NEW JERSEY.**

**NEWARK**—\*Lauter Co., 59 Broad  
**PATERSON**—Looschen Piano Case Co.  
**RAHWAY**—†Regina Co.  
**WASHINGTON**—Cornish Co.  
 \*Florey Bros.  
**WEST HOBOKEN**—\*Ronchi & Son  
**WOODBURY**—\*Blasius Piano Co.

**NEW YORK.**

**ALBANY**—\*Boardman & Gray  
**AUBURN**—\*Wegman Piano Co.  
**BINGHAMTON**—†Harris Player Piano Co.  
**BUFFALO**—†Chase & Baker Co., Jewett av  
 \*Kurtzman C. & Co., 526 Niagara  
**JAMESTOWN**—\*Ahlstrom Piano Co.

**NEW YORK CITY.**

Borough of Brooklyn.

**BROOKLYN**—\*Smith Freeborn G., 774 Fulton  
 Sterling Piano Co., 518 Fulton  
 \*Wissner O., 55 Flatbush av

Boroughs of Manhattan and Bronx.

**NEW YORK**—†Aeolian Co., 29 W 42d  
 \*American Piano Co., 439 5th av  
 †Apollo Player Piano Co., 511 W 42d  
 Archer Piano Co., 511 E 72d  
 †Autopiano Co., 653 W 51st  
 †Autotone Player Piano Co., 542 W 52d  
 Bailey Piano Co., Whitlock & Leggett avs  
 Baldwin Piano Co., 665 5th av  
 Baumeister Piano Co., 511 E 72d  
 \*Becker Brothers, 767 10th av

Behning Piano Co., 306 E 133d  
 Biddle Piano Co., 107 E 128th  
 \*Bjur Bros., Whitlock & Leggett avs  
 Bogart Piano Co., 9 Canal pl  
 \*Bollermann Arthur M., 285 E 137th  
 \*Brambach Piano Co., 643 W 49th  
 Braumuller Piano Co., 626 W 43d  
 \*Byrne C. E. Piano Co., 231 E 41st  
 Cable & Sons, 550 W 38th  
 Cameron A. B. Piano Co., 127 Lincoln av  
 Christman Piano Co., 597 E 137th  
 \*Christman Sons, 35 W 14th  
 †Claviola Co., 520 W 48th  
 Connor Francis, 343 Lexington av  
 \*Davenport & Treacey Piano Co., 909 Park av  
 \*Decker & Son, 701 E 135th  
 \*DeRivas & Harris Mfg. Co., 138 Willow av  
 \*Doll Jacob & Sons, 100 Southern blvd  
 Electrova Co., 117 Cypress av  
 Ernest Piano Co., 30 Greenwich av  
 Estey Piano Co., So. blvd & Lincoln av  
 Faber Piano Co., 351 Rider av  
 \*Fischer J. & C., 417 W 28th  
 \*Frederick Piano Co., 125 Cypress av  
 \*Gabler Ernest & Bro., 347 Rider av  
 \*Gordon Piano Co., 709 Whitlock av  
 Haines W. P. & Co., 113 E 138th  
 \*Hardman, Peck & Co., 433 5th av  
 \*Harrington E. G. & Co., 433 5th av  
 \*Hazelton Bros., 772 12th av  
 \*Howard R. S. Co., 35 W 42d  
 Jacob Brothers Co., 539 W 39th  
 \*James & Holmstrom, 23 E 14th  
 \*Janssen Ben. H. E., 132d & Brown pl  
 \*Keller Henry & Sons, Whitlock av & 156th  
 Kelso & Co., 2 W 140th  
 \*Kindler & Collins, 520 W 48th  
 \*Kirchhoff Piano Co., 250 E 139th  
 \*Knabe William & Co., 439 5th av  
 \*Kohler & Campbell, 601 W 50th  
 \*Krakauer Bros., 125 W 42d  
 \*Kranich & Bach, 235 E 23d  
 \*Laffargue Co., E 134th & Cypress av  
 Lawson Piano Co., 372 E 149th  
 \*Lindeman & Sons Piano Co., 599 11th av  
 \*Ludwig & Co., 136th & Willow av  
 Lurch Piano Co., 369 3d av  
 \*Mansfield Piano Co., Willow av & E 135th  
 Marscheider & Co., 15 E 14th  
 Mason & Hamlin Co., 313 5th av  
 \*Mathushek & Son Piano Co., 1569 B'way  
 Mehlin Paul G & Sons, 4 E 43d  
 \*Meister Piano Co., 470 4th av  
 \*Milton Piano Co., 772 12th av  
 Newby & Evans Co., So. blvd near E 136th  
 \*Pease Piano Co., Leggett av & Barry  
 Pianista Piano Co., 614 W 51st  
 Radle F., 609 W 36th  
 Ricca & Son, 89 South blvd  
 \*Rudolf Piano Co., 220 So. blvd  
 Schenke Piano Co., 273 Rider av  
 Schmidt-Dauber Co., 444 W 13th  
 \*Schumann & Sons Piano Co., 229 E 41st  
 Shoninger B. Co., 505 5th av  
 Sohmer & Co., 315 5th av  
 \*Steck Geo. & Co., 605 E 132d  
 Steinway & Sons, 109 E 14th  
 \*Stuyvesant Piano Co., 605 E 132d  
 †Tel-Electric Co., 229 5th av  
 Tonk Wm. & Bro., 456 10th av  
 Walters Piano Co., 226 E 63d  
 \*Warde Piano Co., 296 11th av  
 \*Waters Horace & Co., 134 5th av  
 \*Weber Piano Co., 29 W 42d  
 Welte M & Sons, 667 5th av  
 Weser Brothers, 524 W 43d  
 Weydig-Henkelman 406 W 14th  
 \*Wheeler Piano Co., 605 E 132d  
 \*Wing & Son, 352 W 13th  
 \*Winter & Co., So. blvd & 137th  
 Winterroth & Co., 105 E 14th  
 \*Wuertz O. W. Co., 1518 3d av  
 \*Wurlitzer Rudolph Co. (Automatic), 115 W 40th

**(End of New York City)**

**NORTH TONAWANDA**—\*Wurlitzer Rudolph Mfg. Co.  
**ROCHESTER**—Gibbons & Stone  
 Ronelt & Sons Piano Co.  
**ST. JOHNSVILLE**—\*Englehardt Piano Co.  
**SYRACUSE**—†Amphion Piano Player Co.  
**WALTON**—Munn Piano Co.  
**YONKERS**—Steadman Frank

**OHIO.**

**CINCINNATI**—\*Baldwin Co., 142 W 4th  
 Baldwin Piano Co., Gilbert av  
 Butler Bros. Piano Mfg. Co., 25 W McMicken av  
 \*Cable Piano Co., 137 W 4th (See Cable Co., Chicago, Ill.)  
 Church John Co., 109 W 4th  
 Ellington Piano Co., Eden Park Entrance  
 Krell Piano Co., 9th & Harriet  
 Smith & Nixon Mfg. Co., 126 W 4th  
 Starr Piano Co., 139 W 4th  
 Steinway & Sons, 118 W 4th av  
 \*Wurlitzer Rudolph Co., 121 E 4th av  
**CLEVELAND**—Raymond Co., 5213 Windsor av, N E  
**COLUMBUS**—\*Columbus Piano Co.  
**COSHOCOTON**—\*Compton-Price Piano Co.  
**MARION**—\*Ackerman Henry Piano Co.  
**MASSILLON**—Bammerlin Oscar W. Bammerlin Wm. A. Meuser Brothers  
**NORWALK**—\*Chase A. B. Co.

**OREGON.**

**PORTLAND**—Reed-French Piano Mfg. Co.

**PENNSYLVANIA.**

**EASTON**—Keller William H. & Son  
 Lehr H. & Co.  
**ERIE**—Felgemaker A. B. Erie Organ Co.  
 Tellers-Sommerhof Organ Co.  
**HAZLETON**—Kellmer Piano Co.  
**LEBANON**—Johnson, Kirk & Co.  
 Miller Organ & Piano Co.  
**LESTER**—Lester Piano Co.  
**PHILADELPHIA**—\*Blasius & Sons, 40 S 16th  
 \*Cunningham Piano Co., 1101 Chestnut  
 Haskell C. S., 1520 Kater  
 Heppel Christopher J. & Sons, 1117 Chestnut  
 Lester Piano Co., 1308 Chestnut  
 Ludwig Piano Co., 1103 Chestnut  
 Miller Henry F. & Sons Piano Co., 1105 Chestnut  
 Nittinger S., 1204 N 5th  
 Schoenhut A. Co. (Toy), Adams & Sepirva  
 Stetson N. & Co., 1111 Chestnut  
 Todd Harold B., 1431 Brown  
**PITTSBURGH**—Frederick W. F. Piano Co., 635 Smithfield  
 Kleber Piano Co., 237 5th av  
**SCRANTON**—Keller-Dunham Piano Co.  
 Vandyke Piano Mfg. Co.  
**WARREN**—Warren Piano Co.  
**YORK**—\*Weaver Piano Co. (Also Player Piano)

**TEXAS.**

**HOUSTON**—Leyhe Piano Co.  
 \*McCallon Piano Co.  
 Southern Piano & Organ Co.  
 Western Automatic Music Co.

**VERMONT.**

**BRATTLEBORO**—Estey Organ Co.

**WISCONSIN.**

**MARINETTE**—Kreiter Mfg. Co. (See Milwaukee, Wis.)  
**MENOMONIE**—Holland Piano Mfg. Co.  
**MILWAUKEE**—Conrad Piano Mfg. Co., 181 3d  
 Gram Edmund, 414 Milwaukee  
 Kreiter Mfg. Co., 1043 Winnebago  
 \*Milwaukee Piano Mfg. Co., 183 3d  
 Netzow C. F. Mfg. Co., 304 W Water  
 \*Waltham Piano Co., 62 3d  
**SHEBOYGAN**—\*Miller S. W. Piano Co.

**10843—Pickaroons**

See also Tools, Logging

American Logging Tool Co., Evart, Mich.  
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Warren Axe & Tool Co., Warren, Pa.

**10844—Pickers (Bean)**

Bacon Mfg. Co., Pontiac, Mich.  
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.



**10845—Pickers (Coffee & Peanut)**

Benthall Machine Co. (Peanut), 115 Shoop, Suffolk, Va.  
 Heebner & Sons ("Little Giant" Peanut), Lansdale, Pa.  
 Lambert Machine Co., Marshall, Mich.

**Pickers (Corn)**

See Pickers & Huskers, Corn

**10846—Pickers (Fruit)**

Conn A. H. (Apple Pickers), Cedar Rapids, Ia.  
 Darby Edw. & Sons Co. ("Pennsylvania"), 239 Arch, Phila., Pa.  
 Grimshaw, Young & Co., Lowell, Mass.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Komada Bros., 1008 Vine, Phila., Pa.  
 Morgan Spring Co., Worcester, Mass.  
 Parker Wire Goods Co. (Galvanized & Returned Wire), Worcester, Mass.  
 Royal Mfg. Co., Denckla bldg, Phila, Pa.  
 Wedmore D. A. & Co. ("Pennsylvania"), Camden, N. J.  
 Woods-Sherwood Co. ("Peerless," "Perfect," Wire), Worcester, Mass.

**10847—Pickers (Pea)**

Gordon L. S. Elizabeth City, N. C.

**10848—Pickers & Huskers (Corn)**

Appleton Mfg. Co. ("Appleton-Goodhue"), Batavia, Ill.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, ("Deering," "McCormick"), 702 Harvester Building, Chicago  
*See adv index at end of book*  
 Steiner August, Homestead, Ill.

**10849—Pickets (Wire)**

Cyclone Fence Co., Waukegon, Ill.  
 Stowell Co. The, So. Wilwaukee, Wis.

**10849a—\*Pickets (Wood)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**Picks (Asphalt & Concrete)**

See Picks, Mattocks & Grub Hoes

**10850—Picks (Boiler)**

Atha Tool Co., Chapel, Newark, N. J.  
 Brewer Bros. Co. (Cast Steel), 614 Filbert, Phila., Pa.  
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.  
 Stortz John & Son, 210 Vine, Phila., Pa.  
 Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

**Picks (Clay)**

See Picks, Mattocks & Grub Hoes

**Picks (Coal)**

See Picks, Mining

**Picks (Coal Puncher)**

See Picks, Mining Machine

**Picks (Contractors')**

See Picks, Mattocks & Grub Hoes)

**Picks (Drifting)**

See Picks, Mattocks & Grub Hoes

**10851—Picks (Dutch Head & Point)**

Hardsoeg Mfg. Co., Ottumwa, Ia.

**10852—Picks (Fireman's Truck)**

Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.

**10853—Picks (Flax Tow)**

Foster & Williams Mfg. Co., Racine, Wis.

**10854 Picks (Hookaroon)**

See also Tools, Logging

American Logging Tool Co., Evart, Mich.  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Warren Axe & Tool Co. ("Bulldog"), Warren, Pa.

**10855—Picks (Ice)**

Arcade Mfg. Co. (Also Sliding Pick), Freeport, Ill.  
 Bodenstein J. G. & Co., Staatsburg, N. Y.  
 Bradley G. W. Axe & Tool Mfg. Co. (Household), Newburgh, N. Y.  
 Braunsdorf-Mueller Co., Elizabeth, N. J.  
 Browne W. G. Mfg. Co. ("Browne," Needle Pointed), Kingston, N. Y.  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Burgess & Norton Mfg. Co. ("Bur-Nor" Ice Pick & Shaver Combined), Geneva, Ill.  
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Crank & Carrier Mfg. Co., Elmira, N. Y.  
 Deuse J. S., Chester, Conn.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.  
 Erie Specialty Co. ("Walker's," Spring & Solid), 520 W 12th, Erie, Pa.  
 Gifford-Wood Co. (Splitting Awl, etc), Hudson, N. Y.  
 Gilchrist Co., 236 Bank, Newark, N. J.  
 Glendale Mfg. Co. (Three Prong), 1 Madison av, New York  
 Goodell-Pratt Co., Greenfield, Mass.  
 Hills Edwin, Plainville, Conn.  
 Knickerbocker Mfg. Co., Belleville, N. J.  
 Landers, Frary & Clark (Steel Blade), New Britain, Conn.  
 Mayhew H. H. Co., Shelburne Falls, Mass.  
 National Mfg. & Steel Supply Co. (& Shaver), 15 River, Newark, N. J.  
 Nicol & Co. (White City"), 218 N Jefferson, Chicago, Ill.  
 Osborne C. S. & Co., Harrison, N. J.  
 Parkinson Edw. Mfg. Co. ("Royal," "Old Doctor"), 84 Sprague, Providence, R. I.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Potter Mfg. Co. (Steel, Wood Handle), Geneva, O.  
 Robinson M. W. Co., 203 37th, Brooklyn, N. Y.  
 Rocky Hill Hardware Co. (Awls, Chisels & Picks), Rocky Hill, Conn.  
 Sargent & Co., New Haven, Conn.  
 Snell Mfg. Co., Fiskdale, Mass.  
 Stanley Rule & Level Co. ("Hurwood"), New Britain, Conn.  
 Stephens A. W. Mfg. Co. ("Acme"), Waltham, Mass.  
 Stephenson Mfg. Co. (Hickory Handle), South Bend, Ind.  
 Stortz John & Son, 210 Vine, Phila., Pa.  
 Stover Mfg. Co. ("Ideal"), Freeport, Ill.  
 Swan Jas. Co., Seymour, Conn.  
 S. & I. Co. (Scratch Awl Pattern), Springfield, Mass.  
 Thayer Mfg. Co., Williamsburg, Mass.  
 Thomson Drop Forge Co., Plantsville, Conn.  
 Tucke Mfg. Co. (Ice Awls), Brockton, Mass.  
 White Ira F. & Son, Bloomfield, N. J.  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hdwe. Co., Wrightsville, Pa.

**Picks (Locomotive Coal)**

See Picks, Mattocks & Grub Hoes

**10856—Picks, Mattocks & Grub Hoes**

See also Picks, Mining

American Axe & Tool Co. (Adze Eye Pick, etc), Glassport, Pa.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Atha Tool Co., Chapel, Newark, N. J.  
 Beall Bros. (Solid Steel), Alton, Ill.  
 Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.  
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Colelesser Bros., El Dorado, Pa.  
 Collins Co., Collinsville, Conn.  
 Cronk & Carrier Mfg. Co. (Garden Mattocks & Grub Hoes Only), Elmira, N. Y.  
 Evansville Tool Works, Evansville, Ind.  
 Gerber Louis & Son, 66 Water av, Pittsburgh, Pa.

Hardsoeg Mfg. Co. ("Black Diamond"), Ottumwa, Ia.  
 Harringford Mfg. Co. ("Harringford" Detachable Points), 148 State, Boston, Mass.  
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.  
 Higgins John C. ("Higgins"), 812 W Kinzie, Chicago, Ill.  
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.  
 Isele O. W. & Son, 51 Pitt, Boston, Mass.  
 Kalamazoo R'y Supply Co., Kalamazoo, Mich.  
 Kern, Fleetwood, Pa.  
 Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
 Mixter J. W. Saw Tool Co. ("XX," Cutters, Mill Stone), Plymouth, Mass.  
 Mohr E. H., Vera Cruz, Pa.  
 Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Oliver Iron & Steel Co. (Pick & Long & Short Cutter), S 10th & Muriel, Pittsburgh, Pa.  
 Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.  
 Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.  
 Rock Products Equipment Corp., 42 Church, New York  
*See adv index at end of book*  
 Sargent & Co., New Haven, Conn.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.  
 Verona Tool Works, Oliver bldg., Pittsburgh, Pa.  
**WARREN TOOL & FORGE CO., Warren, Ohio**  
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*  
 Weston Thos. B., 708 Light, Baltimore, Md.  
 What Cheer Tool Co. ("What Cheer"), What Cheer, Ia.

**Picks (Mill)**

See Picks, Mattocks & Grub Hoes)

**10857—Picks (Mining)**

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York  
 American Mining Tool Co. ("Scott," Cutting & Mining), Ottumwa, Iowa  
 Atha Tool Co., Chapel, Newark, N. J.  
 Beall Bros. (Inc.) (Solid Steel), Alton, Ill.  
 Dooley Bros. (Jobbers), 604 S Adams, Peoria, Ill.  
 Evansville Tool Works, Evansville, Ind.  
 Fulton Tool Works ("Fulton" Coal), Canal Fulton, O.  
 Gills Mfg. Co., Phillipsburg, Pa.  
 Hardsoeg Mfg. Co. ("Black Diamond," Coal), Ottumwa, Ia.  
 Hardsoeg Martin Co., 922 South av, Pittsburgh, Pa.  
 Harringford Mfg. Co. ("Harringford" Detachable Points), 148 State, Boston, Mass.  
 Hubbard & Co. (Coal, etc.), 63d & Butler, Pittsburgh, Pa.  
 Ingersoll-Rand Co. ("Crown," "Imperial," for Coal), 11 B'way, New York  
*See adv index at end of book*  
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.  
 Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 Oliver Iron & Steel Co. (Coal, etc.), S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
 Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.  
 Plumb Fayette R. (Inc), Tucker & James, Phila, Pa.  
 Salem Tool Co. ("C. M. Day" Coal), Salem, O.  
 Union Drop Forge Co. (Solid Steel Forged), 358 W Grand, Chicago, Ill.  
 Verona Tool Works, Oliver bldg., Pittsburgh, Pa., & Verona, Pa.  
 Warren Tool & Forge Co., Warren, O.  
 Warwood Tool Co. ("Warwood" & "Columbia" Coal Picks), Warwood, Wheeling, W. Va. *See adv index at end of book*  
 What Cheer Tool Co. ("What Cheer" Coal), What Cheer, Ia.



**10858—Picks (Mining Machine)**

Beall Bros., Alton, Ill.  
 Gerber Louis & Son, 66 Walter av., Pittsburgh, Pa.  
**Hardsoeg Martin Co. (Puncher), 922**  
 South av., Pittsburgh, Pa.  
 Iron City Tool Works (Ltd.) (Coal or Puncher), 3201 Smallman, Pittsburgh, Pa.  
 McKay Jas. Co., Thompson av., Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co. (Puncher Picks), 709 Belmont, Pittsburgh, Pa.  
 Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.  
 Valley Forging Co. (Puncher Picks), Verona, Pa.  
 Warren Tool & Forge Co., Warren, O.  
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*  
 Western Tool & Forge Co. (Puncher), Brackenridge, Pa.

**10859— Picks (Peavey)**

American Logging Tool Co., Evart, Mich.

**Picks (Poll)**

See Picks, Mattocks & Grub Hoes

**Picks (Prospecting)**

See Picks, Mattocks & Grub Hoes

**Picks (Puncher)**

See Picks, Mining Machine

**10859a—\*Picks (Railroad)**

See also Picks, Mattocks & Grub Hoes

**WARWOOD TOOL CO.**  
**WHEELING, W. VA.**

**Picks (Stone)**

See Picks, Mattocks & Grub Hoes

**Picks (Surface)**

See Picks, Mattocks & Grub Hoes

**Picks (Tamping)**

See Picks, Mattocks & Grub Hoes

**Picks (Tie)**

See Picks, Mattocks & Grub Hoes

**10860—Picks-Ups (Trolley Wire)**

Electric Service Supplies Co. ("Improved St. Louis"), 17th & Cambria, Phila., Pa.  
 Ohio Brass Co., Mansfield, O.

**10861— \*Picric Acid**

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.  
*See adv index at end of book*  
 du PONT E. I. de NEMOURS & CO., Wilmington, Del.  
*For branch offices see adv index at end of book*

**10862—Picture Cable (Flexible Moving)**

Driver-Harris Wire Co., Harrison, N. J.

**10862a— \*Picture Frames**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

**10862b—\*Pieces (Wood Mouth)**

Estes E. B. & Sons (Wood), 358 5th av., New York *See adv index at end of book*

**10862c— \*Piers (Ocean)**

NATIONAL TUBE CO., Frick bldg., Pittsburgh, Pa. *See adv index at end of book*

**10863— Piezometers**

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

**Pig Aluminum**

See Ingots, Aluminum

**Pig Copper**

See Ingots, Brass & Copper

**10864— Pig Forceps**

Leavitt Mfg. Co. ("Dr. Leavitt"), Urbana, Ill.  
 Pratt Wm. E. Mfg. Co. ("Dr. Mendenhall's"), 35 W Lake, Chicago, Ill.

**Pig Iron Mfrs.**

See Blast Furnaces

**10865—Pig Iron & Coke Dealers**

See also Blast Furnaces

Addy Matthew Co., 1st National Bank bldg., Cincinnati, O.  
 Banning, Cooper & Co. (Ltd.), Oliver bldg., Pittsburgh, Pa.  
 Berger-Aiken Coal Co., Benedum Trees bldg., Pittsburgh, Pa.  
 Bixler Coal & Coke Co., Fulton bldg., Pittsburgh, Pa.  
 Bourne-Fuller Co., Hickox bldg., Cleveland, O.  
 Breen Wm. J. Co. ("Sloss-Sheffield" Brands), 84 State, Boston, Mass.  
 Breitung E. N. & Co., Cleveland, O.  
 Corrigan, McKinney & Co., Cleveland, O.  
 Cox Justice, Jr. & Co., Land Title bldg., Phila., Pa.  
 Crocker Bros., 42d st & Madison av., New York  
 Debevoise-Anderson Co., 56 Liberty, New York  
 Domhoff & Joyce Co., 4th & Elm, Cincinnati, O.  
 Eaton, Rhodes & Co., 1st Nat. Bank bldg., Cincinnati, O.  
 Gano, Moore & Co., Land Title bldg., Phila., Pa.  
 Hanna M. A. & Co., Cleveland, O.  
 Isham Phillips, 55 Liberty, New York  
 Law Ernest & Co., Harrison bldg., Phila., Pa.  
 Lea J., Tatnall & Co., Stephen Girard bldg., Phila., Pa.  
 McKeefrey & Co., Leetonia, O.  
 Moffat Frank D. & Co., 81 Fulton, New York  
 Mohr J. J. & Son, Bullitt bldg., Phila., Pa.  
 Oglebay, Norton & Co., Wade bldg., Cleveland, O.  
 Pickands, Brown & Co., 332 S Michigan av., Chicago, Ill.  
 Pickands, Mather & Co., Western Reserve bldg., Cleveland, O.  
 Pierpont, James & Sons Co., Morris bl., Phila., Pa.  
 Pilling & Crane, Real Estate Trust bldg., Phila., Pa.  
 Pullman & Stevens, Penna. bldg., Phila., Pa.  
 Rogers, Brown & Co., 77-78 Carew bldg., Cincinnati, O.  
 Samuel Frank, Harrison bldg., Phila., Pa.  
 Shook & Fletcher Supply Co. (Pig Iron), Birmingham, Ala.  
 Snyder W. P. & Co., Oliver bldg., Pittsburgh, Pa.  
 Squier Ed. E. Co. (Coke), Federal Reserve Bank bldg., St. Louis, Mo.  
 Stewart Iron Co. (Ltd.), Rockefeller bldg., Cleveland, O.  
 Superior Charcoal Iron Co., Grand Rapids, Mich.  
 Tennant C. Sons & Co. of N. Y. ("Scotch" & "English" Pig Iron, Imp.), 100 William, New York  
 Thompson Jno. E., 81 Fulton, New York  
 Walter-Wallingford & Co., Traction bldg., Cincinnati, O.

**10866— Pig Tails (Copper)**

American Pig Tail Co., St. Marys, Pa.  
 Salem Electrical Supply Co., Salem, Mass.

**Pig Zinc**

See Ingots, Zinc

**Pigeons (Clay)**

See Traps & Targets, Trap Shooting

**10866a—\*Pigeons (Wood-decoy)**

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

**10867— Pigments**

Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.  
 Akron Pigment Co. (Alumina), Akron, O.  
 Doggett Stanley, 11 Cliff, New York  
**HARRISONS INC., 35th & Gray's Ferry rd,**  
 Phila., Pa.  
**KREBS PIGMENT & CHEMICAL CO.**  
 (Lithopone), Newport, Del.  
 Scheel Wm. H. (White & Brown), 159 Maiden la., New York  
 Smith J. Lee & Co. (Turkey Umber), 19 Jacob, New York  
 Tamms Silica Co. (Paint), Tamms, Ill.  
 Wetherill S. P. (White & Brown), Morris bl., Phila., Pa.

**10868 Pigments (Rubber)**

Doggett Stanley, 11 Cliff, New York.  
 Scheel Wm. H. (Imported), 159 Maiden la., New York

**10869— Pigs (Nitro)**

Pratt Engineering & Machine Co., Atlanta, Ga.

**10870— Pile Driver Fittings**

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Vulcan Iron Works, 327 N Irving av., Chicago, Ill.

**Pile Drivers (Pneumatic)**

See Pneumatic Pile Drivers

**10871—Pile Drivers (Railroad Car)**

Browning Co., Cleveland, O.  
 Bucyrus Co. (Locomotive), South Milwaukee, Wis.  
 Industrial Works, Bay City, Mich.  
 Toledo Foundry & Machine Co., Toledo, O.

**Pile Drivers (Sheet)**

See Pneumatic Pile Drivers

**Pile Driving Contractors**

See Dock Builders

**10872— Pile Shoes**

Channon Jas. H. Mfg. Co. (Points or Shoes), 227 W Erie, Chicago, Ill.  
 Gracey R. & Sons Co., 115 1st av., Pittsburgh, Pa.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 Janney, Steinmetz & Co., 1421 Chestnut, Phila., Pa.  
 McGookin D. H. & Co., 1630 N 9th, Phila., Pa.  
 Vulcan Iron Works, 327 N Irving av., Chicago, Ill.

**10873— Piles (Cement)**

Cranford Construction Co., Gerke bldg., Cincinnati, O.

**10874— Piles (Concrete)**

Carey Construction Co. (Engineers & Contractors), Cleveland, O.  
 Chesley, Earl & Heimbach, 20 Breckenbridge, Buffalo, N. Y.  
 Cranford Construction Co., Gerke bldg., Cincinnati, O.  
 Cranford Paving Co., 2620 E N W Washington, D. C.  
 Cummings Structural Concrete Co. (Reinforced), Benedum Trees bldg., Pittsburgh, Pa.  
 Electric Welding Co., Benedum Trees bldg., Pittsburgh, Pa.  
 Great Lakes Dredge & Dock Co., 104 S Michigan av., Chicago, Ill.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 MacArthur Concrete Pile & Foundation Co. (Pedestal), 120 Broadway, New York  
 Monks-Ripley Pile Co. ("Ripley" Combination Concrete & Wood), 82 Beaver, New York  
**RAYMOND CONCRETE PILE CO., 140**  
 Cedar, New York  
 Simmons John Co. (Pile Casings), 110 Centre, New York  
 Simplex Concrete Piling Co. ("Simplex"), 3400 Disston, Phila., Pa.



Smith & Brennan Pile Co. (Reinforced, Corrugated), Main & Angelica, St. Louis, Mo.  
Underpinning & Foundation Co. ("Hercules" Steel), 290 B'way, New York

### Piles (Creosoted)

See Creosoting Works

### 10875—Piling (Interlocking Steel)

American Bridge Co., 30 Church, New York  
Carnegie Steel Co. ("Friestedt" Interlocking Channel Bar, "United States"), Carnegie bldg, Pittsburgh, Pa.  
Jones & Laughlin Steel Co. (Sheet), Ross, Pittsburgh, Pa.  
Lackawanna Steel Co. ("Lackawanna"), Buffalo, N. Y.  
Mitchell-Tappen Co., 17 John, New York  
Wemlinger Co. ("Wemlinger"), South Ferry bldg, New York

### Piling Lumber

See Ties, Poles & Posts

### 10875a—\*Piling "National" (Pipe For)

NATIONAL TUBE CO., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

### Piling (Sheet Steel)

See Piling, Interlocking Steel

### Pillows (Air, Rubber)

See Cushions, Beds & Pillows, Air, Rubber

### 10876—Pilocarpine

Hoffmann-La Roche Chemical Works, 440 Washington, New York

### 10876a—Pin Cushions & Jewel Boxes (Combined)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

### 10877—Pincer, Plier & Wrench (Combined)

Albert Lea Machinery Co. ("Beats-Em-All," a Combination of Pincher, Plier, Pipe & Socket Wrench), Albert Lea, Minn.

### 10878—Pincers

Arcade Mfg. Co. (Cast Iron), Freeport, Ill.  
Atha Tool Co. (Blacksmiths', Farriers', etc), Chapel, Newark, N. J.  
Bridgeport Hardware Mfg. Corp. (Carpenters'), Bridgeport, Conn.  
Buffum Tool Co. ("Swastika," "Blacksmiths', Carpenters', Farriers', Clinching, etc), South Side, Louisiana, Mo.  
Champion Tool Co. ("Maud-S," "Favorite" Farriers', "Our Pride," Common & Hardware), Meadville, Pa.  
Dicke Tool Co. (Farriers', etc), Downers Grove, Ill.  
Emrich Phil (Tanners'), 824 Main, Cincinnati, O.  
Germantown Tool Works (Blacksmiths & Farriers', etc.), 521 Market, Phila., Pa.  
Gray Iron Foundry Co. (Plain & Nickel plated), Reading, Pa.  
Grey Iron Casting Co., Mt. Joy, Pa.  
Heller Bros. Co. (Blacksmiths & Farriers'), 879 Mt. Prospect av, Newark, N. J.  
Osborne C. S. & Co. (Saddlers), Harrison, N. J.  
Reading Saddle & Mfg. Co. ("Reading Household"), Reading, Pa.  
Sargent & Co. (Carpenters, Horse Shoeing), New Haven, Conn.  
Smith H. D. & Co. ("S," "H. D. S. & Co." Blacksmiths' Shoeing, Carpenters', Farriers', Drop Forged), Plantsville, Conn.  
Star Heel Plate Co., Hamburg pl, Newark, N. J.  
Vaughan & Bushnell Mfg. Co. ("V. & B."), Drop Forged, Carpenters', Blacksmiths' Farriers', 2114 Carroll av, Chicago, Ill.  
Washington Cutlery Co. ("Village Blacksmith," Blacksmiths & Furriers), Watertown, Wis.

Washington Tool Co. ("Larson" Combination, etc), Owatonna, Minn.  
Williams A. C. Co., Ravenna, O.  
Wrightsville Hardware Co. (Carpenters, etc), Wrightsville, Pa.

### 10879—Pincers (Tanners' Tackling)

Emrich Phil., 824 Main, Cincinnati, O.

### 10879a—\*Pinion Rod (Hobbed)

MEISSELBACH-CATUCCI MFG. CO., 25 Congress, Newark, N. J.

### Pinions

See Gears & Pinions

### 10880—\*Pinions (Car Motor)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

GENERAL ELECTRIC CO., Schenectady, N. Y. *See adv index at end of book*

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

### 10881—\*Pinions (Cut)

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

### Pinions (Electric Railway)

See Gears & Pinions

### 10882—Pinions (Jewelers' Scale)

Bracher Co., Belleville, N. J.

### 10883—\*Pinions (Made to Order)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

### 10884—\*Pinions (Mine Motor)

GENERAL ELECTRIC CO. ("Fabroll"), Schenectady, N. Y.

*See adv index at end of book*

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

### 10885—\*Pinions (Mining Machine)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

### 10886—\*Pinions (Pressed Steel)

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

### Pinions (Rawhide)

See Gears & Pinions, Rawhide

### Pinions (Rolling Mill)

See Gears, Mill

### 10887—Pins (Air Brake & Knuckle)

Alloy Steel Forging Co. (Knuckle), Carnegie, Pa.

Bethlehem Steel Co., So Bethlehem, Pa.

Cambria Steel Co., Widener bldg, Phila., Pa.

Champion Rivet Co., Cleveland, O.

Cleveland City Forge & Iron Co., Cleveland, O.

Etna Forge & Bolt Co., 808 House bldg, Pittsburgh, Pa.

Hubbard & Co. (Steel), 63d & Butler, Pittsburgh, Pa.

Kansas City Bolt & Nut Co., Kansas City, Mo.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Oliver Iron & Steel Co., 10th & Murial, Pittsburgh, Pa.

Otis, Spencer Co., 80 E Jackson blvd, Chicago, Ill.

Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Scranton Bolt & Nut Co., Scranton, Pa.

Steel Car Forge Co., Pittsburgh, Pa.

Valley Forging Co., Verona, Pa.

Western Railway Equipment Co. (& Knuckle), Central Nat. Bank bldg, St. Louis, Mo.

Western Tool & Forge Co., Brackenridge, Pa.

### 10888—Pins (Belaying)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Laughlin Thos. Co., Portland, Me.

McMillan's W. H. Sons, 153 South, New York

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

Marine Hardware-Equipment Co., South Portland, Me.

Wilcox, Crittenden & Co., Middletown, Conn.

### 10889—Pins (Bending)

Bernz Otto, 21 Ashland av, Newark, N. J.

Carver Tool Works, Spring Valley, N. Y.

Johnson Wm. (Hedenberg Works), Newark, N. J.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Vichek Tool Co. ("Vichek," Plumbers'), 10711 Quincy av, Cleveland, O.

Wolverine Brass Works, Grand Rapids, Mich.

### 10890—Pins (Blanket)

Consolidated Safety Pin Co., Bloomfield, N. J.

Kohler F. E. Co. ("Ideal"), Canton, O.

Oakville Co., Waterbury, Conn.

Reynolds Mfg. Co., Toledo, O.

Waterbury Mfg. Co., Waterbury, Conn.

### 10891—Pins (Bowling)

See also Ten-Pins

Bogert & Hopper, 67 Barclay, New York

Estes E. B. & Sons, 358 5th av, New York

*See adv index at end of book*

Klump's John G. Sons, 13 Baxter, New York

Labough & Armstrong Wood Turning Co., 50 Ann, New York

Marx Alfred B. & Bro., 30 Union sq, New York

### 10892—Pins (Brass, Dress, Etc.)

American Pin Co. ("Ampinco"), Waterbury, Conn.

Crescent Brass & Pin Co. (Bank & Office Brass), 1150 Trumbull, Detroit, Mich.

Lightning Needle Co., 560 B'way, New York

National Pin Co. ("Captain"), Derby, Conn.

Plume & Atwood Mfg. Co., Waterbury, Conn.

Oakville Co. ("Sovran"), Waterbury, Conn.

Star Pin Co. (Brass, Mourning, Hair, etc), Derby, Conn.

Sterling Pin Co., Derby, Conn.

### 10893—Pins (Bricklayers' Line)

Brewer Bros Co. (Wrought) 614 Filbert, Phila., Pa.

Stortz John & Son, 210 Vine, Phila., Pa.

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**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER**



Established 1847

**E. B. ESTES & SONS**

Manufacturers of

Clothespins, 4, 4½ and 5 inch Bulk  
and Carton Packings**ONEIDA BRAND**

Toothpicks, Meat and Candy Skewers

358 5th Ave. - - New York City

Mann Lewis M. & Son, West Paris, Me.  
National Spring Clip Co. ("Moore's"  
Spring), Montpelier, Vt.  
Oval Wood Dish Co., Delta, O.  
Peirce W. E. & Co., Milford, N. H.  
Richardl & Bechtold, Bellaire, Mich.  
Richmond Cedar Works, Richmond, Va.  
Sonestown Mfg. Co., Williamsport, Pa.  
Tennant Sherman (Est. of), Northville,  
N. Y.  
U. S. Clothespin Co. ("Bull Dog Grip,"  
"U. S." & "Putnam" Spring), Mont-  
pelier, Vt.  
Weston Paper & Mfg. Co., Dayton, O.  
Wire Hardware Co. ("No. 183" Spring),  
6126 S La Salle, Chicago, Ill.

**Pins (Cotter)**

See Cotters &amp; Keys, Spring

**Pins (Coupling)**

See Links &amp; Pins, Coupling

**10898— Pins (Crank)**

Braeburn Steel Co., Braeburn, Pa.  
Cambria Steel Co., Widener bldg, Phila., Pa.  
Carbon Steel Co., ft 32d, Pittsburgh, Pa.  
Philadelphia Steel & Forge Co., 50 Church,  
New York

**Pins (Curtain)**

See Pins, Drapery

**10899— Pins (Dowel)**

See also Dowels, Various Kinds

**AMERICAN STEEL & WIRE CO.**  
(Barbed), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Atlas Tack Co., Fairhaven, Mass  
Bogert & Hopper (Wooden), 67 Barclay,  
New York

Cambria Steel Co. (Barbed Steel), Wide-  
ner bldg, Phila., Pa.

Cleveland Galvanizing Works Co. ("Tit-  
well" Brass), 3924 Cooper av, Cleve-  
land, O.

**ESTES E. B. & SONS** (Wooden), 358 5th  
av, New York

*See adv index at end of book*

Federal Malleable Co. ("Fraser" Malleable  
Iron Pattern Makers), West Allis, Wis.  
Grand Crossing Tack Co., So. Chicago av &  
79th, Chicago, Ill.

Grayling Dowel Co., Grayling, Mich.  
Hardware Supply Co., Grand Rapids, Mich.

Hickson-Roger Mfg. Co., Paragould, Ark.  
Igoe Bros. (Barbed), 69 Metropolitan av,  
Brooklyn, N. Y., & Newark, N. J.

Kansas City Bolt & Nut Co. (Wrought  
Iron), Kansas City, Mo.

Kearsarge Peg Co., Bartlett, N. H.  
Keystone Friction Hinge Co., Williams-  
port, Pa.

Kokomo Steel & Wire Co. (Barbed), Ko-  
komo, Ind.

Milwaukee Tack Co., 27th & Wahl av, Mil-  
waukee, Wis.

Morgan Spring Co. (Barbed), Worcester,  
Mass.

**MORSE, FRANK W.** (Smooth Grooved &  
Threaded Brass), 293 Congress, Bos-  
ton, Mass. *See adv index at end of book*

Norton Iron Works (Barbed), Ashland, Ky.  
Oliver Machinery Co. (Brass), Grand Rap-  
ids, Mich.

Parker Wire Goods Co. (Barbed), Wor-  
cester, Mass.

Philadelphia Machine Screw Works, 624  
Race, Phila., Pa.

Phillips, Townsend & Co., N 4th & Glen-  
wood av, Phila., Pa.

Pittsburgh Steel Co., 5th av & Grant,  
Pittsburgh, Pa.

Rowe Henry Mfg. Co. (Wood), Newaygo,  
Mich.

Shanafelt Mfg. Co. (Brass & Wood), Can-  
ton, O.

South Bend Dowel Wks., South Bend, Ind.  
Stephenson Mfg. Co. (Pointed & Spiral  
Grooved, etc), South Bend, Ind.

Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

Wellman Pattern Supply Co. (Pattern  
Makers', Wood & Metal), Cleveland, O.  
Winkley Co. ("Winkley" Brass for Pat-  
tern Makers), Detroit, Mich.

**10900— Pins (Drapery)**

American Pin Co., Waterbury, Conn.  
Berbecker & Rowland Mfg. Co., Water-  
ville, Conn.

Gould-Mersereau Co., 52 W 38th, New York  
Judd H. L. Co., 87 Chambers, New York  
Oakville Co., Waterbury, Conn.

Turners & Seymour Mfg. Co., Torrington,  
Conn.

**10901— Pins (Drift)**

Atha Tool Co., Chapel, Newark, N. J.  
Buffum Tool Co. ("Swastika," Plumbers')  
South Side, Louisiana, Mo.

Channon Jas H. Mfg. Co., 227 W Erie,  
Chicago, Ill.

Cleveland Punch & Shear Works Co. (Also  
Barrel, Flask, etc.), 3921 St. Clair av,  
N E, Cleveland, O.

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

Iron City Tool Works (Ltd.), 3201 Small-  
man, Pittsburgh, Pa.

Kansas City Bolt & Nut Co., Kansas City,  
Mo.

Lovejoy Tool Works, 319 W Ohio, Chi-  
cago, Ill.

Oliver Iron & Steel Co., S 10th & Muriel,  
Pittsburgh, Pa.

Pittsburgh Knife & Forge Co. (Structural  
Workers), 709 Belmont, Pittsburgh, Pa.

Pittsburgh Trolley & Forge Co., Pittsburgh,  
Pa.

Racky Albert C, 531 S 5th av, Chicago, Ill.

Vichek Tool Co. ("Vichek"), 10711 Quincy  
av, Cleveland, O.

Vulcan Tool Mfg. Co., Quincy, Mass.

**10902— Pins (Florists')**

Triple Sign Co. (Inc.) (Brass Safety  
Clips), Connersville, Ind.

**10902a— Pins (Hair)**

Allen McNerney & Co. (Horn), Attleboro,  
Mass.

Blodgett B. F. & Co. (Barrettes), Leo-  
minster, Mass.

Braumstein Philip, 10 E 14th, New York  
Damon Co. (Horn), Leominster, Mass.

Earl W. D. & Co (Horn & Celluloid), Leo-  
minster, Mass.

Fitchburg Horn Goods Co., Fitchburg,  
Mass.

Grote F. & Co. (Ivory), 82 4th av, New  
York

Howe Comb Co. (Horn), Leominster, Mass.

Hump Hair Pin Mfg. Co., 1918 Prairie  
av, Chicago, Ill.

Pacific Novelty Co. (Also Ornaments), 41  
E 11th, New York

Queen Hair Pin Co. (Horn), Leonminster,  
Mass.

Rice & Hochester (Tortoiseshell), 37 5th  
av, New York

Smith & Sons Co., 102 5th av, New York

Star Pin Co., Shelton, Conn.

Sterling Pin Co. (Wire), Derby, Conn.

**10903— Pins (High Tension)**

Fletcher Mfg. Co., Dayton, O.

Harrison Electric Co., 411 Van Brunt,  
Brooklyn, N. Y.

**10904— Pins (Hinge)**

Cambria Steel Co., Widener bldg, Phila., Pa.

Corbin Screw Corporation, New Britain,  
Conn.

**DETROIT SCREW WORKS**, 348 Franklin  
Detroit, Mich.

*See adv index at end of book*

Grammes L. F. & Sons, Allentown, Pa.

National-Acme Mfg. Co., 7500 Stanton av,  
S E, Cleveland, O.

Reed & Prince Mfg. Co., Worcester, Mass.

Western Automatic Machine Screw Co.,  
Elyria, O.

**Pins (Horse Blanket)**

See Pins, Blanket

**10905— Pins (Husking)**

See also Huskers & Shredders, Corn  
Clark R. F., 54 W Lake, Chicago, Ill.  
Clauss Shear Co., Fremont, O.  
Cleveland Lock Works, Cleveland, O.  
Kees F. D. Mfg. Co., Beatrice, Neb.  
Pratt Wm. E. Mfg. Co. ("The Pratt"),  
35 W Lake, Chicago, Ill.  
Wallingford Mfg. Co., Wallingford, Vt.

**Pins (Insulator)**

See Insulator Pins &amp; Brackets

**Pins (King)**

See Bolts, King

**10905a— \*Pins King (Bowling)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**Pins (Knuckle)**

See Pins, Air Brake &amp; Knuckle

**10906— Pins (Moulders' Flask)**

Milwaukee Foundry Supply Co. ("Frazer's"  
Adjustable Malleable Iron), Milwau-  
kee, Wis.

**10907— Pins (Ox Bow)**

Sawyer O. C. ("Varnam"), Sharon, Vt.

**10908— Pins (Picket or Tent)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

Niagara Falls Metal Stamping Works  
(Picket & Tent), Niagara Falls, N. Y.

Oliver Iron & Steel Co. (Straight or  
Spiral), S 10th & Muriel, Pittsburgh, Pa.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chi-  
cago, Ill.

Stowell Co., The, So Milwaukee, Wis.

**10909— \*Pins (Piston, Hardened & Ground)**

**DETROIT SCREW WORKS**, 348 Franklin,  
Detroit, Mich.

*See adv index at end of book***10910— Pins (Push)**

Moore Push Pin Co. ("Moore"), 133 Berk-  
ley, Phila., Pa.

Roeti-Hunt Corp. ("Hunt"), Putnam, Conn.

**10911— Pins (Rawhide)**

Chicago Rawhide Mfg. Co., 1301 Elston av,  
Chicago, Ill.

Clipper Belt Lacer Co. (Twisted 12  
inches long), 1042 Front av, Grand  
Rapids, Mich.

*See adv index at end of book*

Simmons Mfg. Co. ("Twisted"), 77th &  
Lyons av, Phila., Pa.

**10912— Pins (Reach)**

Harvey Spring &amp; Forging Co., Racine, Wis.

**10913— Pins (Rolling)**

American Bread & Pastry Board Co., Cam-  
bridge, O.

Bogert & Hopper (Wooden), 67 Barclay,  
New York

Cassady Fairbank Mfg. Co. (Wood), 6126  
S La Salle, Chicago, Ill.

Chapman-Sargent Co. (Solid Handle, Re-  
volver, etc), Perrysburg, O.

Cumner Mfg. Co., Cadillac, Mich.

Cupples Samuel Woodenware Co., 7th &  
Spruce, St. Louis, Mo.

Estes E. B. & Sons (Wooden), 358 5th av,  
New York. *See adv index at end of book*

Prouty C. & Co., Eldred, Pa.

Richardl & Bechtold, Bellaire, Mich.

Silver & Co., 308 Hewes, Brooklyn, N. Y.

Sommer Jno. Faucet Co. (Wooden), 355  
Central av, Newark, N. J.

Stephenson Mfg. Co. (Wooden), South  
Bend, Ind.

Thurman Mfg. Co., Madera, Cal.

**10914— Pins (Safety)**

American Pin Co. ("Ampinco"), Water-  
bury, Conn.

Consolidated Safety Pin Co. ("Stewart,"  
"Consapico," "Duplex"), Bloomfield,  
N. J.

Francis Mfg. Co., Niagara Falls, N. Y.

Judson Pin Co., Rochester, N. Y.

Kelly F. Co., Derby, Conn.

Oakville Co. ("Clinton," "Damascus,"  
"Treasure," "Defender"), Waterbury,  
Conn.

Seymour Metal Goods Co., Seymour, Conn.



**10915— Pins (Sash)**

See Nails, Wire

Bogert & Hopper (Wooden), 67 Barclay, New York  
 Kearsarge Peg Co. (Wood), Bartlett, N. H.  
 Morgan Spring Co., Worcester, Mass.  
 Pierce W. E. & Co. (Wood), Milford, N. H.  
 Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.  
 Wire Goods Co. (Barbed), Worcester, Mass.

**10916— Pins (Special)**

Blake & Johnson Co. (Aluminum & German Silver), 1500 Thomaston av, Waterbury, Conn.  
*See adv index at end of book*  
 Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

**10917— Pins (Stove Door)**

Corbin Screw Corporation ("Kuhn's"), New Britain, Conn.  
 Ohio Nut & Bolt Co., Berea, O.  
 Wehrle Co., Newark, O.

**10918— Pins (T)**

Oakville Co., Waterbury, Conn.

**10919— Pins (Taper)**

Babson Dow Mfg. Co., 60 Fulda, Boston, Mass.  
 Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
 Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
 Cincinnati Screw Co., Twightwee, O.  
 Corbin Screw Corporation, New Britain, Conn.  
 Critchley Machine Screw Co., Worcester, Mass.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
 Ferry Cap & Set Screw Co., Cleveland, O.  
 Gary Screw & Bolt Co. (Steel), Gary, Ind.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 National-Acme Mfg. Co. (Standard Steel), 7500 Stanton av, S E, Cleveland, O.  
 National Sewing Machine Co., Belvedere, Ill.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Perry-Fay Mfg. Co., Elyria, O.  
 Philadelphia Machine Screw Works, 624 Race, Phila., Pa.  
 Pittsburgh Screw & Bolt Co. (Steel), Preble av, Pittsburgh, Pa.  
 Pratt & Whitney Co. (Steel), Hartford, Conn.  
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.  
 Standard Tool Co., 6900 Central av, Cleveland, O.  
 U. S. Automatic Co., Amherst, O.  
 Western-Automatic Machine Screw Co., Elyria, O.  
 Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

**10920— Pins (Telegraph)**

Bogert & Hopper (Wooden), 67 Barclay, New York  
 Estes E. B. & Sons (Wooden), 358 5th av, New York. *See adv index at end of book*  
 Hubbard & Co. (Steel), 63rd & Butler, Pittsburgh, Pa.  
 Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.

**10921— Pins (Track & Interlocking Channel)**

Bryant Zinc Co., 600 Orleans, Chicago, Ill.

**10922— Pins (Trolley Wheel Axle)**

American Safety Lamp & Mine Supply Co., Scranton, Pa.

**10923— Pins (Truss)**

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.

**10924— Pins (Tub)**

Bliss Bros., 170 Commercial, Boston, Mass.

**10925— Pins (Turn)**

Bogert & Hopper (Plumbers), 67 Barclay, New York  
 Estes E. B. & Sons (Wooden or Plumbers), 358 5th av, New York  
*See adv index at end of book*  
 Frary Mfg. Co., Charlemont, Mass.  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Standard Turning Works (Wooden), Cambridge, Mass.  
 Stossel Carl & Co., Front Royal, Va.

**10925a— \*Pins (Wood)**

Estes E. B. & Sons (Framing, Saddle, Shelf, Tackle Block & Thole), 358 5th av, New York  
*See adv index at end of book*

**10926— Pins (Wool Comb)**

Dean John M. Corp., Putnam, Conn.

**10927— Pipe (Acid Proof)**

Duriron Castings Co. ("Duriron"), 90 West, New York  
 United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.

**Pipe (Aluminum)**

See Tubing, Aluminum

**10928— Pipe (Asphalted)**

Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 National Tube Co. ("NATIONAL"), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

**10929— Pipe Bends & Coils**

Albright Son & Co. (Wrought Iron), Allentown, Pa.  
 American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.  
 Ballwood Co. ("Van Stone" Pipe Bends), 30 Church, New York  
 Best Co., 33d & R. R., Pittsburgh, Pa.  
 Boston Copper Works Co., E Boston, Mass.  
 Brunswick Refrigerating Co., West New Brunswick, N. J.  
 Columbus Iron Works, Columbus, Ga.  
 Cornell & Underhill, Greenwich & Spring, New York  
 Cressman N. C. Co., Drexel bldg, Phila., Pa.  
**DAHLQUIST MFG. CO.**, 40 W 3d, So Boston, Mass. *See adv index at end of book*  
 Detroit Shipbuilding Co. (Brass Dept.), (Copper), Detroit, Mich.  
 Deuel Chas. C. Co., Detroit, Mich.  
 Empire Pipe Bending & Supply Co. (Iron Pipe), 253 Park av, Brooklyn, N. Y.

**Coils  
 Brass and Copper**  
**Gerdes & Company**  
 42 CHURCH ST. N. Y. C.

Hamilton Copper & Brass Works, Hamilton, O.  
 Harris Arthur & Co. (Copper), 212 N Curtis, Chicago, Ill.  
**HARRISBURG PIPE & PIPE BENDING CO.** (Iron, Copper & Brass), Harrisburg, Pa.  
 Huettelman & Cramer Co., Mack & Beaufalt, Detroit, Mich.  
 Imperial Brass Mfg. Co. (Brass & Copper), 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
 Industrial Welding Co., Garrett bldg, Baltimore, Md.  
**KELLOGG M. W. CO.**, 90 West, New York. *See adv index at end of book*  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Langsenkamp F. H., Indianapolis, Ind.  
 Lewis Joseph E., 1218 Warner, Baltimore, Md.  
 Lumsden & Van Stone Co., 69 High, Boston, Mass.  
 Mitchell W. K. & Co., 2940 Ellsworth, Phila., Pa.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 National Pipe Bending Co. (Brass, Iron & Copper), New Haven, Conn.

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*See adv index at end of book*  
 National Valve & Mfg. Co., 31st & Liberty, Pittsburgh, Pa.  
 Philadelphia Copper Smithing Co., 222 N Front, Phila., Pa.  
 Philadelphia Pipe Bending Co. (Coils), 4135 N 5th, Phila., Pa.  
 Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.  
 Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.  
 Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Rempe Co. (Wrought Iron), 341 N Sacramento av, Chicago, Ill.  
 Roessing Ernst Co. (Copper), Butler, Pittsburgh, Pa.  
**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del. *See adv index at end of book*  
 Simmons Pipe Bending Works, Newark, N. J.  
 Skinner M. B. & Co. ("Rex"), 562 W Washington, Chicago, Ill.  
 Standard Water Systems Co., ("Tri-pure," All Kinds), Hampton, N. J.  
 Taylor Geo. Brass & Bronze Works, 97 Cliff, New York  
 Vogt Henry Machine Co., Louisville, Ky.  
 Whitlock Coil Pipe Co. (Iron, Brass & Copper), Hartford, Conn.  
 Winkelman Louis & Co., 213 Laurence, Cincinnati, O.  
 Young Bros. Co., Detroit, Mich.

### 10930— Pipe (Block Tin)

*See also Lead Pipe & Sheet & Pig Lead*  
 American Lead Co., 3116 Penn av, Pittsburgh, Pa.  
 Baker Lead Mfg. Co., Worcester, Mass.  
 Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.  
 Bogue-Wensley Lead Co., Denver, Colo.  
 Chadwick-Boston Lead Co., Boston, Mass.  
 Eagle Picher Lead Co., The, 208 S La Salle, Chicago, Ill.  
 Lissberger, Marks & Son, 281 Borden av, Long Island City, New York  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

### MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.  
 National Lead Co., 111 B'way, New York  
 National Lead & Oil Co. of Pa., Commonwealth bldg, Pittsburgh, Pa.  
 North American Smelting Co., 9th & Thompson, Phila., Pa.  
 Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.  
 Robertson James Lead Co., 827 S Howard, Baltimore, Md.  
 Rochester Lead Works, Rochester, N. Y.  
 Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.  
 Standard Rolling Mills, 363 Hudson av, Brooklyn, N. Y.  
 United Lead Co., 111 B'way, New York  
 Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

### 10931—Pipe (Brass or Copper Lined)

Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.  
 McMann & Taylor Co., 104 John, New York  
*See adv index at end of book*  
 United Lined Tube & Valve Co. (Brass), 180 Franklin, Boston, Mass.

### Pipe (Cast Iron)

*See Cast Iron Pipe Manufacturers, Gas & Water; also Cast Iron Soil Pipe Manufacturers*

### 10932—Pipe (Cast Iron Drain or Culvert)

American Road Machinery Co., Kennett Square, Pa.  
 Gallion Iron Works & Mfg. Co., Gallion, O.

### 10933—\*Pipe (Cast Iron, High Pressure)

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

### 10934—Pipe (Cast Iron, Lock Joint)

American Casting Co. ("National"), Birmingham, Ala.

### 10935— Pipe (Cast Steel)

Penn Seaboard Steel Corp., 1418 Chestnut, Phila., Pa.

### 10936— Pipe (Cement)

Pierce Mfg. Co., 785 Housatonic av, Bridgeport, Conn.

### Pipe Coils

*See Pipe Bends & Coils*

### Pipe Coverings

*See Pipe & Boiler Coverings, Various Kinds*

### Pipe (Culvert, Metallic)

*See Culverts, Road*

### 10937— Pipe (Dredge & Pontoon)

Dixie Culvert & Metal Co., Atlanta, Ga.  
 Hartley Boiler Works, Montgomery, Ala.  
 Machold & Riddell, Stephen Girard bldg, Phila., Pa.  
 New Bern Iron Works & Supply Co., New Bern, N. C.  
 Southern Boiler & Tank Wks., Memphis, Tenn.  
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.

### Pipe (Dredging, Lap Welded Steel)

*See Pipe, Lap-Welded Steel*

### 10938—Pipe (Dredging, Slip Joint)

Springfield Boiler Co. (Shore & Pontoon), Springfield, Ill.

### Pipe (Drive)

*See Pipe & Tube Mills*

### 10939—Pipe (Enameled Iron)

Central Tube Co., Pittsburgh, Pa.  
 Mark Mfg. Co., Evanston, Ill.

### 10940—Pipe (Flange, Flexible Joint)

Massillon Iron & Steel Co., Massillon, O.  
 United States Cast Iron Pipe & Foundry Co., Burlington, N. J.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

### 10941—Pipe (Flanged, for High Pressure)

Kellogg M. W. Co., 90 West, New York  
*See adv index at end of book*  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.  
 Scranton Pump Co., Scranton, Pa.  
 Whitlock Coil Pipe Co. ("Whitlock" Double Lap Joint), Hartford, Conn.

### Pipe (Furnace)

*See Furnace Pipe & Fixtures*

### Pipe (Galvanized Iron)

*See Pipe & Tube Mills*

### 10942— Pipe (Hydraulic)

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
**AMERICAN SPIRAL PIPE WORKS**, Chicago, Ill. *See adv index at end of book*  
 Ballwood Co. (with Flanges), 30 Church, New York  
 Manitowoc Engineering Works, Manitowoc, Wis.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 National Tube Co. ("NATIONAL" For High Pressure, Oil & Natural Gas Lines), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Valve Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.  
 Pittsburgh Valve & Supply Co., Pittsburgh, Pa.  
 Reading Iron Co., Reading, Pa.  
 Union Iron Works, Spokane, Wash.  
 Youngstown Sheet & Tube Co., Youngstown, O.

### 10943—\*Pipe (Hydraulic, Steel Riveted)

**AMERICAN SPIRAL PIPE WORKS** ("Taylor's"), Chicago, Ill., & 50 Church, New York

*See adv index at end of book*  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*  
**DOVER BOILER WORKS**, Sales Office: 50 Church, New York; Works: Dover, N. J. *See adv index at end of book*

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

**SCAIFE WM. B. & SONS CO.**, First National Bk bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
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**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del. *See adv index at end of book*

### Pipe Joint Paste

*See Cements, Pipe Joint*

### 10944—Pipe (Lap-Welded Steel)

**AMERICAN SPIRAL PIPE WORKS** ("Taylor" 12 to 72 in. in Diameter), Chicago, Ill. *See adv index at end of book*  
 American Welding Co. (Large Size Water Pipe), Carbondale, Pa.  
**KELLOGG M. W. CO.**, 90 West, New York  
*See adv index at end of book*  
 Manitowoc Engineering Wks., Manitowoc, Wis.

### 10945— Pipe (Lead)

American Lead Co. (Also Antimonial), 3116 Penn av, Pittsburgh, Pa.  
 Baker Lead Mfg. Co., Worcester, Mass.  
 Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.  
 Bogue-Wensley Lead Co., Denver, Colo.  
 Charleston Lead Works, Charleston, S. C.  
 Detroit Lead Pipe Works, Detroit, Mich.  
 Du Bois Fred'k N. & Co., 247 9th av, New York  
 Eagle Picher Lead Co., The, 208 S La Salle, Chicago, Ill.  
 Fleck Bros. Co., 44 N 5th, Phila., Pa.  
 Gardiner Metal Co., 1364 W Lake, Chicago, Ill.  
 Gibson & Price Co., 623 St. Clair av, N E, Cleveland, O.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Johnson J. D. Co., 54 Cliff, New York  
 Kahn Bros., 785 Humboldt, Brooklyn, N. Y.  
 Lawrence Shot & Lead Co. ("Omaha"), Omaha, Neb.  
 Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.  
 McDonald James & Sons Co., Cincinnati, O.  
 National Lead Co., 111 B'way, New York  
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 North American Smelting Co., 900 Thompson, Phila., Pa.  
 Northwestern Shot & Lead Works, 90 Fairfield av, W. St. Paul, Minn.  
 Phillips Lead & Supply Co., 91 S Main, Providence, R. I.  
 Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.  
 Robertson James Lead Co., 827 S Howard, Baltimore, Md.  
 Rochester Lead Works, Rochester, N. Y.  
 Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.  
 Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.  
 Tillinghast L. H. Supply Co., 162 Dorrance, Providence, R. I.  
 United Lead Co., 111 B'way, New York  
 Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

### 10946— Pipe (Lead Lined)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.  
 Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.  
 Lead Lined Iron Pipe Co. (Iron & Brass), Wakefield, Mass.



**10947—Pipe (Lead, Tin Lined)**

See also Lead Pipe & Sheet & Pig Lead  
Chadwick-Boston Lead Co., Boston, Mass.  
National Lead Co., 111 B'way, New York  
Rochester Lead Works, Rochester, N. Y.  
United Lead Co., 111 B'way, New York

**10948—Pipe (Lidded)**

Bannon P. Pipe Co. ("Bannon's" for Steam  
Conduits), Louisville, Ky.

**Pipe (Line)**

See Pipe & Tube Mills

**Pipe Line Supplies**

See Specific Article Required

**10949—Pipe (Lock Bar, Steel)**

Gillespie T. A. Co., Westinghouse bldg,  
Pittsburgh, Pa.

**10950—Pipe (Lock Seam Riveted)**

Robertson Bros. Mfg. Co. (Irrigation,  
Dredging & Pressure Pipe, Black or  
Galvanized), 1036 W 37th, Chicago,  
Ill.

**10951—Pipe Lowerers, Lifters & Holders**

Love M. A. Mfg. Co., Rockford, Ill.  
Mark Mfg. Co., Evanston, Ill.  
Trahern Pump Co., Rockford, Ill.  
Ward Pump Co., Rockford, Ill.

**10952—Pipe (Machine Riveted)**

McNeil Boiler Co., Akron, O.  
Robertson Bros. Mfg. Co. (Straight Riveted  
Pipe & Elbows, 4 to 15 inch in Diam-  
eter, in 10-foot lengths), 1036 W 37th  
Chicago, Ill.

Walsh & Weidner Boiler Co., Chattanooga  
Tenn.

**10952a—\*Pipe — "National" (For Every Tubular Purpose)**

**NATIONAL TUBE CO.**, Frick bldg.,  
Pittsburgh, Pa.  
*See adv index at end of book*

**10953—\*Pipe (Punched & Formed Sheets)**

**SHAW BENJ. F. CO.** ("Shawco"), 501 E  
2d, Wilmington, Del.  
*See adv index at end of book*

**10954—\*Pipe (Recessed Joint)**

**SHAW BENJ. F. CO.** ("Shawco"), 501 E  
2d, Wilmington, Del.  
*See adv index at end of book*

**10955—Pipe (Reinforced Concrete)**

Electric Welding Co., Benedum Trees bldg,  
Pittsburgh, Pa.

Lock Joint Pipe Co. ("Merriwether" Sys-  
tem of Continuous, 36 to 84 inches),  
165 B'way, New York

Weston & Brooker Co., Columbia, S. C.

**10956-7-8—Pipe (Riveted Steel)**

Abendroth & Root Mfg. Co. (Straight  
Seam & "Root" Spiral), Newburgh,  
N. Y.

**ALLIS-CHALMERS MFG. CO.** (Iron &  
Steel), Milwaukee, Wis.  
*See adv index at end of book*

**BIGGS BOILER WORKS CO.**, Case av &  
Williams, Akron, O.  
*See adv index at end of book*

Cambria Steel Co. (3 to 9 ft Diam. up to  
30 ft in Length), Widener bldg, Phila.,  
Pa.

Carroll-Porter Boiler & Tank Co., Empire  
bldg, Pittsburgh, Pa.

**CHICAGO BRIDGE & IRON WORKS**,  
2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*  
Columbiana Boiler Co., Columbiana, O.  
Connery & Co., 2d & Luzerne, Phila., Pa.  
Consolidated Pipe Co., Los Angeles, Cal.

**DOVER BOILER WORKS**, Sales Offices:  
50 Church, New York. Works: Dover,  
N. J. *See adv index at end of book*

Gillespie T. A. Co., 50 Church, New York,  
Graver Wm. Tank Works, East Chicago,  
Ind.

Hammond Iron Works (Over 20 inches  
Diameter), Warren, Pa.

*See adv index at end of book*

Harrisburg Mfg. & Boiler Co., Harrisburg,  
Pa.

Heggie Jas. G. & Sons, Joliet, Ill.  
Hodge Boiler Works, 99 Summer, E, Bos-  
ton, Mass.

Honolulu Iron Works Co., Honolulu,  
Hawaii

Hydraulic Supply Mfg. Co. (For Mining,  
Irrigation & Power Plants), Seattle,  
Wash.

Keller E. Co., Williamsport, Pa.  
King Bridge Co., Cleveland, O.  
Kittoe Boiler & Tank Co., Inc., Canton, O.  
Knox Pressed & Welded Steel Co., Pitts-  
burgh, Pa.

Koven L. O. & Bro., 154 Ogden av, Jersey  
City, N. J.

Lacy Mfg. Co., Los Angeles, Cal.  
Lancaster Iron Works, Lancaster, Pa.

Leetonia Boiler Co., Leetonia, O.  
Lefel Jas. & Co. (For Own Use), 500 La-  
gonda, Springfield, O.

Leslie, Elliott & Co., Paterson, N. J.  
Littleford Bros., 444 E Pearl, Cincinnati,  
O.

Long Walter Mfg. Co., 1312 Muriel, Pitts-  
burgh, Pa.

McAleenan Boiler Co., Peoria, Ill.  
McNaull Boiler Mfg. Co., Toledo, O.

McNeill Jas. & Bro. Co., Pittsburgh, Pa.  
Machold & Riddell, Stephen Girard bldg,  
Phila., Pa.

Manitowoc Engineering Works, Manitowoc,  
Wis.

Meehan Boiler & Construction Co., Lowell-  
ville, O.

Michellmann Steel Construction Co., Quincy,  
Ill.

Minneapolis Steel & Machinery Co., 29th &  
Drexel, Minneapolis, Minn.

Mitchell-Tappen Co., 17 John, New York  
Montague W. W. & Co., 557 Market, San  
Francisco, Cal.

National Boiler & Sheet Iron Works, In-  
dianapolis, Ind.

Pelton Water Wheel Co., 19th & Harrison,  
San Francisco, Cal., & 90 West, New  
York

Petroleum Iron Works Co., Sharon, Pa.  
Phoenix Iron Works Co., Meadville, Pa.

**PITTSBURGH-DES MOINES STEEL CO.**,  
4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

Pollock Wm. B. Co., Youngstown, O.  
Quaker City Iron Works (Dredge & Pon-  
toon), Tioga & Edgemont, Phila., Pa.

Quintard Iron Works Co., 742 E 12th,  
New York

Reeves Bros. Co., Alliance, O.  
Riter-Conley Co., Pittsburgh, Pa.

Robertson Bros. Mfg. Co. (Black & Gal-  
vanized, 4 to 16 inch Diameter, 12  
Gauge & Lighter), 1036 W 37th, Chi-  
cago, Ill.

San Francisco Bridge Co., Nevada Bank  
bldg, San Francisco, Cal.

**SCAIFE-WM. B. & SONS CO.**, First Na-  
tional Bank bldg, Pittsburgh, Pa., &  
26 Cortlandt, New York

*See adv index at end of book*

Schaw-Batcher Co., Sacramento, Cal.

**SHAW BENJ. F. CO.**, 501 E 2d, Wilming-  
ton, Del. *See adv index at end of book*

Southern Boiler & Tank Works Co.,  
Memphis, Tenn.

Springfield Boiler Co., Springfield, Ill.  
Standard Boiler & Plate Iron Co., Niles, O.

Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*

Tippett & Wood, Phillipsburg, N. J.  
Tofte Boiler & Sheet Iron Works, Hous-  
ton, Tex.

Toledo Metal Manufactures Co., Toledo, O.  
**TREADWELL CONSTRUCTION CO.**, Mid-  
land, Pa. *See adv index at end of book*

Treadwell M. H. Co. of Ill., 208 S La Salle,  
Chicago, Ill.

Trump Mfg. Co., Springfield, O.  
Union Iron Works, Hoboken, N. J.

Union Iron Works, Spokane, Wash.  
Union Iron Works Co., 20th & Michigan,  
San Francisco, Cal.

Walsh & Weidner Boiler Co., Chattanooga,  
Tenn.

Warren City Tank & Boiler Co., Warren,  
O.

Weiße Riveted Steel Pipe Works, Den-  
ver, Colo.

Western Pipe & Steel Co., 444 Market, San  
Francisco, Cal.

**Pipe (Seamless Drawn Steel)**

See Tubing, Cold Drawn Seamless Steel

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Carnick R., Franklin, Pa.

Eagle Pipe Supply Co., 16 Roebing, Brook-  
lyn, N. Y.

Foster L. B. Co., Park bldg., Pittsburgh,  
Pa.

Green L. A., First Nat'l Bank bldg, Pitts-  
burgh, Pa.

Greenspon's Jos. Sons Iron & Steel Co.,  
B'way & Branch, St. Louis, Mo.

Keystone Pipe & Supply Co., Butler, Pa.

McDowell & Co., Grant & Western, Pitts-  
burgh, Pa.

Marine Metal & Supply Co., 167 South, New  
York

Nathan Chas. E., 133 W Washington, Chi-  
cago, Ill.

Ohio Pipe Co. (New & Second Hand),  
Findlay, O.

Perry, Buxton, Doane Co., 307 Atlantic av,  
Boston, Mass.

Phila. Second Hand Pipe Supply Co., 1003  
N 7th, Phila., Pa.

Pipe & Contractors Supply Co., 3 Dover,  
New York

Pittsburgh Scrap Iron Co., S. 20th & Whar-  
ton, Pittsburgh, Pa.

Second Hand Pipe & Supply Co., Parkers-  
burg, W. Va.

**10960—Pipe (Sewer)**

American Clay Products Co., 175 5th av,  
New York

American Fire Brick Co. (Salt Glazed),  
Spokane, Wash.

American Sewer Pipe Co., Akron, O.

Argillo Works, Carbon Cliff, Ill.

Atlas Coal & Supply Co., Binghamton,  
N. Y.

Avon Milling & Mfg. Co., Avon, Ill.

Bannon P. Pipe Co. (Vitrified), Louisville,  
Ky.

Barnitz, Geo. A., York, Pa.

Berry & Ferguson, 159 Devonshire, Bos-  
ton, Mass.

Berthelet H. Sewer Pipe Co., Milwaukee,  
Wis.

Bibb Sewer Pipe Co., Macon, Ga.

Blackmer & Post Pipe Co. (Salt Glazed  
Vitrified), Boatman's Bank bldg, St.  
Louis, Mo.

Buckeye Fireclay Co., Uhrichsville, O.

Buckeye Sewer Pipe Co., Akron, O.

Butte Sewer Pipe & Tile Co., Butte, Mont.

Cannelton Sewer Pipe Co., Cannelton, Ind.

Carnegie Brick & Pottery Co., Rialto bldg,  
San Francisco, Cal.

Chattanooga Sewer Pipe & Fire Brick Co.,  
Chattanooga, Tenn.

Chicago Sewer Pipe Co., Brazil, Ind. (See  
Chicago, Ill.)

Cincinnati Sewer Pipe Co., 3716 Montgom-  
ery rd, Evanston, Cincinnati, O.

Clark N. & Sons, 112 Natoma, San Fran-  
cisco, Cal.

Clawson L. E. Co., 80 Page, San Fran-  
cisco, Cal.

Clay Product Co., 175 W Jackson blvd,  
Chicago, Ill.

Clearfield Sewer Pipe Co., Clearfield, Pa.

Clermont Sewer Pipe Co., Clermont, Pa.

Dee Wm. E. Co., 30 N La Salle, Chicago,  
Ill. Works: Mecca, Ind.

Delaware Clay Mfg. Co., Delaware, O.

Dennison Sewer Pipe Co., Dennison, O.

Denny-Renton Clay & Coal Co., Seattle,  
Wash.

Denver Sewer Pipe & Clay Co., Continen-  
tal bldg, Denver, Colo.

Dickey W. S. Clay Mfg. Co. (Vitrified),  
Kansas City, Mo.

East Ohio Sewer Pipe Co. (Vitrified Clay),  
Irondale, O.



Eastern Clay Goods Co., 141 Milk, Boston, Mass.  
 Edwards Vitrified Brick Co., Albion, Ill.  
 Eichelberger's T. D. Sons, Dayton, O.  
 Evans Clay Mfg. Co., Uhrichsville, O.  
 Evens & Howard Fire Brick Co. (Up to 42 Inches), 920 Market, St. Louis, Mo.  
 Georgia Vitrified Brick & Clay Co., Augusta, Ga.  
 Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.  
 Granite Clay Co., Mogadore, O.  
 Great Northern Sewer Pipe Co., Empire, Ohio  
 Indiana Sewer Pipe Co., Mecca, Ind.  
 Iowa Pipe & Tile Co., Des Moines, Iowa  
 Junction City Sewer Pipe Co., Junction City, O.  
 Kaul Clay Mfg. Co., Toronto, O.  
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.  
 Lafond T. & Son, Kankakee, Ill.  
 Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.  
 Louisville Brick & Tile Co., Louisville, O.  
 Lyth A. & Sons Co., Buffalo, N. Y.  
 McNutt & McConnell Co., Brazil, Ind.  
 Mack Mfg. Co., Lincoln bldg, Phila., Pa. Works: New Cumberland, W. Va.  
 Macomb Sewer Pipe Co. (Vitrified), Macomb, Ill.  
 Mason City Sewer Pipe Co., Mason City, Ia.  
 Muddox H. C., Sacramento, Cal.  
 National Fire Proofing Co. (Lock-joint), Fulton bldg, Pittsburgh, Pa.  
 National Sewer Pipe Co., Webster City, Ia.  
 Neenah Sewer Pipe Co., Neenah, Wis.  
 N. Y. State Sewer Pipe Co., Rochester, N. Y.  
 Northwestern Clay Mfg. Co., New Windsor, Ill.  
 Oconee Brick & Tile Co., Middletown, Ga.  
 Ogden Sewer Pipe & Clay Co., Ogden, Utah  
 Ohio Culvert Pipe Co., Tiffin, O.  
 Ohio River Sewer Pipe Co., Empire, O.  
 Owensboro Sewer Pipe Co., Owensboro, Ky.  
 Pacific Sewer Pipe Co., Los Angeles, Cal.  
 Patton Clay Mfg. Co. (Cambria Co.), Patton, Pa.  
 Pomona Terra Cotta Co. (Shade), Pomona, N. C.

Portland Sewer Pipe & Artificial Stone Co., Portland, Me.  
 Red Wing Sewer Pipe Co., Red Wing, Minn.  
 Robinson Clay Product Co., Akron, O.  
 Robinson-Graves Sewer Pipe Co., Uhrichsville, O.  
 St. Marys Sewer Pipe Co. (3 to 36 inches), St. Marys, Pa.  
 San Antonio Sewer Pipe Co., San Antonio, Tex.  
 Shawmut Clay Mfg. Co. ("Shawmut"), Drummond, Pa.  
 Small R. B. Co., Columbus, Ga.  
 Somerville Thos. Co., 312 13th N W, Washington, D. C.  
 Southern Sewer Pipe Co., Birmingham, Ala.  
 Standard Fire Brick Co., Pueblo, Colo.  
 Standard Sewer Pipe Works, Rome, Ga.  
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.  
 Steven's H. Sons Co., Macon, Ga.  
 Stoneware Pipe Co., East Alton, Ill.  
 Stratton Fire Clay Co., Empire, O.  
 Streater Clay Mfg. Co., Streater, Ill.  
 Union Sewer Pipe Co., McKeesport, Pa.  
 Washington Brick, Lime & Sewer Pipe Co. (Vitrified), Spokane, Wash.  
 West Virginia Fire Clay Mfg. Co. (Fire Clay), Diamond Bank bldg, Pittsburgh, Pa.  
 White Hall Sewer Pipe & Stoneware Co., White Hall, Ill.  
 Williams N. A. Co., 133 W Washington, Chicago, Ill.  
 Winslow & Co. (Vitrified Salt Glazed), Portland, Me.

#### 10961—Pipe (Sewer, Cement)

Rhode Island Cement Drain Pipe Co. (Cement), 500 Valley, Providence, R. I.

#### 10962—Pipe (Sewer, Reinforced Concrete)

Lock Joint Pipe Co., 165 B'way, New York  
 Pacific Lock Joint Pipe Co., Seattle, Wash.  
 Stanley Reinforced Concrete Co., Centralia, Wash.

#### 10963—Pipe (Spiral, Continuous Interlocking Seam)

Standard Spiral Pipe Works ("Standard," 3 to 40 inches), 48th & Rockwell, Chicago, Ill.

#### 10964—Pipe (Spiral Lock Seam)

Lamb & Ritchie Co., Cambridge, Mass.

#### 10965-6—Pipe (Spiral Riveted)

Abendroth & Root Mfg. Co. (For Pressures up to 300 lbs), Newburgh, N. Y.  
**AMERICAN SPIRAL PIPE WORKS** ("Taylor's" Steel), Chicago, Ill. & 50 Church, New York  
*See adv index at end of book*

Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

Standard Spiral Pipe Works ("Standard" Continuous Interlocking Seam, 3 to 40 inches), 48th & Rockwell, Chicago, Ill.

#### Pipe (Steel)

See Pipe & Tube Mills

#### 10967—Pipe (Steel Enameled)

Central Tube Co., Pittsburgh, Pa.

#### Pipe (Steel Riveted)

See Pipe, Riveted Steel

#### Pipe Stocks & Dies

See Stocks & Dies

#### 10968— Pipe (Suction)

Western Railway Equipment Co. ("Lin-  
 strom," Non-Freezing, Central Nat'l  
 Bank bldg, St. Louis, Mo.

#### 10969— Pipe (Sulphite Mill)

Chadwick-Boston Lead Co. (Special Hard Lead), Boston, Mass.

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#### 10970—Pipe Thawing Apparatus

French & Batzer, Brooklyn, Mich.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

#### 10971—Pipe Threaders (Receding)

See Also Stocks & Dies

Borden Co., The ("Beaver"), Warren, O.  
*See adv index at end of book*  
 Handy Mfg. Co. ("Becker"), Bridgeport, Conn.  
 Hart Mfg. Co. ("Buckeye"), Cleveland, O.  
 Oster Mfg. Co. ("Matchless"), Cleveland, Ohio  
 Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, O.

#### 10972— Pipe (Tin Lined)

Chadwick-Boston Lead Co. (Iron), 162 Congress, Boston, Mass.  
 Lead Lined Iron Pipe Co. (Brass), Wakefield, Mass.

#### 10973— Pipe (Tuyere)

Hartman Co. (For Blast Furnace), 1231 N Front, Phila., Pa.  
 National Tube Co. ("NATIONAL"), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

#### 10974— Pipe (Welded Wrought Steel)

Ballwood Co., 30 Church, New York  
 Best Co. (Headers), 33d & R. R., Pittsburgh, Pa.  
 Central Tube Co., Pittsburgh, Pa.  
 Continental Iron Works, West & Calyer, Brooklyn, N. Y.  
**KELLOGG M. W. CO.**, 90 West, New York  
*See adv index at end of book*  
 Manitowoc Engng. Works, Manitowoc, Wis.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. R. R., Pittsburgh, Pa.

**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del. *See adv index at end of book*  
 Whitlock Coll Pipe Co., Hartford, Conn.,

#### 10975— Pipe Welding

Ballwood Co., 30 Church, New York  
 Pipe Colling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. RR, Pittsburgh, Pa.

Rempe Co. (By Electricity), 341 N Sacramento av, Chicago, Ill.

**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del. *See adv index at end of book*

#### 10975a—\*Pipe (With "National" Coating)

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

#### 10976— Pipe (Wood)

American District Steam Co. (Water), North Tonawanda, N. Y.  
 Byrne-Turner Co. (Machine Wire Wound Wood Stave), Bellingham, Wash.  
 Canal Lumber Co. ("Douglas" Fir staves), Seattle, Wash.  
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.  
 Michigan Pipe Co. ("Michigan" Combination Steel & Wood), Bay City, Mich.  
 National Tank & Pipe Co., Portland, Ore.  
 Pacific Coast Pipe Co. (Stave), Seattle, Wash.  
 Pacific Tank & Pipe Co. (Machine Banded, 2 in. to 24 in. Diameter), Los Angeles, Cal.  
 Portland Wood Pipe Co. (Machine Banded Continuous Stave), Portland, Ore.  
 Redwood Mfrs. Co. (Continuous Wooden Stave & Machine Banded), Hobart bldg, San Francisco, Cal.  
 Soderberg J. A., Seattle, Wash.  
 Standard Wood Pipe Co., Williamsport, Pa.  
 Washington Pipe & Fdry. Co. (Machine Banded Wooden Stave & Continuous Stave Pressure, etc), Tacoma, Wash.  
 Woods G. R. Sons Co., Sheffield, Pa.  
 Wyckoff A. & Son Co., Elmira, N. Y.  
 Wyckoff Pipe & Creosoting Co. (Acid Proof), 30 E 42nd, New York

#### 10977— Pipe (Wood Fibre)

Fibre Conduit Co., Orangeburg, N. Y.

#### 10978-9—Pipe (Wooden Stave)

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

#### 10980—\*Pipe (Wrought Iron, Jobbers)

See also Steam Fitters' Supplies; for Manufacturers, see Pipe & Tube Mills  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*

**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del. *See adv index at end of book*  
 Trimble & Lutz Supply Co., Wheeling, W. Va.

#### Pipe (Wrought Iron Mfrs.)

See Pipe & Tube Mills

#### Pipe (Wrought Steel)

See Pipe & Tube Mills

#### 10981—Pipe & Boiler Covering Mfrs.

See Sub-classifications following  
 For Jobbers in these Goods, see Mill & Factory Supplies; also Steam Fitters' Supplies

Armstrong Cork & Insulation Co. ("Nonpareil"), 23d & River, Pittsburgh, Pa.  
 Doggett Stanley (Raw Materials), 11 Cliff, New York  
 Federal Asbestos Co., Milwaukee, Wis.  
 Johns H. W.-Manville Co., Madison av & 41st, New York  
 Nott W. S. Co., 2d av N & 3d, Minneapolis, Minn.  
**U. S. MINERAL WOOL CO.** (Mineral Wool), 280 Madison av, New York  
*See adv index at end of book*  
 Watson H. F. Co. (Asbestos), Erie, Pa.

**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER**

#### 10982—Pipe & Boiler Coverings (Air Cell)

Acme Asbestos Covering & Supply Co. (Asbestos), 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
 American Insulation Co., Roberts av & Stokley, Phila., Pa.  
*See adv index at end of book*  
 Franklin Mfg. Co. ("Franklin"), Franklin, Pa.  
 Keasbey & Mattison Co. (Wool, Felt, etc.), Ambler, Pa.  
 National Air Cell Covering Co., 163 Henderson, Jersey City, N. J.  
 Norristown Magnesia & Asbestos Co., Norristown, Pa.

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Complete Line of Steam, Hydraulic, Gas, Refrigerating and Sanitary Engineering Supplies and Specialties.

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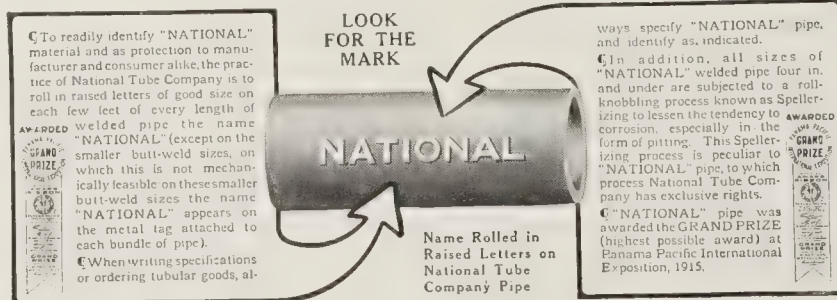
## THE "NATIONAL" CATECHISM

Q: How about corrosion?

A: Numerous tests have been made as to the relative corrosion of wrought iron and steel pipe. Bradley Stoughton, in his text-book, "The Metallurgy of Iron and Steel," says: "The evidence goes to show that properly made steel corrodes no more than wrought iron." Dr. W. H. Walker, of the Massachusetts Institute of Technology, made extensive investigations, and states: "These results again demonstrate that taken on the average there is no difference in the corrosion of iron and steel pipe."

There are numerous other authoritative statements equally emphatic, but it should be borne in mind that while such comparisons are true as generalizations, it does not by any means imply that all makes of steel pipe are the equal in quality and durability to all makes of wrought iron, and vice versa.

¶ The process of fabrication is an important element in durability.



QUESTION: What is "NATIONAL" Pipe?

ANSWER: It is welded pipe made by National Tube Company in sizes  $\frac{1}{8}$  to 30 inches, of standard dimensions as indicated in regular lists issued by this Company.

Q: What are its peculiar advantages?

A: "NATIONAL" Pipe and Allied Products are made at the eleven mills of National Tube Company, where all processes, from the ore to finished product are directly under control of one organization and management.

Q: Of what practical advantage is this with relation to the quality of the finished product?

A: Simply this: from the point of view of the manufacturer, the one great essential in the material for making pipe is uniformity. National Tube Company makes but one type of steel which is intended to be used for making pipe; thus, by devoting all the attention in steel making to one type of steel, remarkable chemical and physical uniformity is obtained, which is reflected in the finished product—"NATIONAL" Pipe.

Q: Is "NATIONAL" Pipe always uniform?

A: Yes, both in chemical and physical properties; as an instance, the carbon content does not vary more than .01 percent from year to year. The physical properties are equally constant in uniform quality because "NATIONAL" Pipe is made by machinery, in large unit quantities instead of being puddled by hand in small quantities, the "human element" making a constant uniformity practically impossible.

Q: What are the physical properties of "NATIONAL" Pipe?

A: The elongation in 8 inches is from 18 to 24 percent and the tensile strength is about 58,000 pounds per square inch in either direction. Compare these figures with 4 to 16 percent elongation in 8 inches and 36,000 pounds per square inch (transversely only to rolling) which tests give as the physical properties of wrought iron.

Q: Is "NATIONAL" Pipe ductile?

A: "NATIONAL" Pipe in shop tests will bend through 180 degrees, either before or after heating, but the most decisive tests have been the result of unusual accidents, proving beyond any question the extraordinary ductility of "NATIONAL" Pipe. Brief accounts of these "accident tests" are included in "NATIONAL" Bulletin No. 11—HISTORY, CHARACTERISTICS AND THE ADVANTAGES OF "NATIONAL" PIPE.

Q: The bursting strength is very important; what is the bursting strength of "NATIONAL" Pipe?

A: The bursting strength of "NATIONAL" butt-weld pipe averages 73 percent of the tensile strength, and lap-weld 92 percent. Professor R. T. Stewart, Dean of the College of Engineering, University of Pittsburgh, made a number of experiments, and in a paper read before the American Society of Mechanical Engineers, found that "Butt-welded wrought iron pipe is 70 percent as strong as similar butt-welded steel pipe; and lap-welded wrought iron pipe is 57 percent as strong as similar lap-welded steel pipe."

Q: How about threading?

A: Mr. T. N. Thompson (International Correspondence Schools) in a paper read before the American Society of Heating and Ventilating Engineers, 1906, gave the results of some very extensive experiments, which he summarizes as follows: "It shows that the power required to thread mild steel pipe with the new die is not much more than that required to thread wrought iron with the same die and much less than the power required to thread wrought iron pipe with the common die."

Q: What special improvements have been made in "NATIONAL" Pipe over ordinary steel pipe?

A: First the Spellerizing process may be mentioned, to which all sizes of "NATIONAL" Pipe (4 inches and under) are subjected. The process of Spellerizing consists in treating the metal by first subjecting the bloom or billet at a proper temperature to the action of rolls having regularly shaped projections on their working surfaces; then subjecting it, while still hot, to the action of smooth faced rolls, repeating the operation whereby the surface of the metal is worked to produce a uniform, dense texture better adapted to resist corrosion, especially in the form of pitting.

"NATIONAL" Pipe received the Grand Prize at the Panama-Pacific International Exposition, 1915. This was the highest award obtainable, and, in the words of the judges, "represents the highest development of the art." Translated, this means that "NATIONAL" Pipe is to other pipe as

"\*\*\*The Summit Crowns the Height  
The Lesser Peaks Adorn."

# NATIONAL TUBE COMPANY

General Sales Offices:  
Frick Bldg., Pittsburgh, Pa.

DISTRICT SALES OFFICES: Atlanta, Boston, Chicago, Denver, Kansas City, New Orleans, New York, Omaha, Philadelphia, Pittsburgh, St. Louis, St. Paul, Salt Lake City.

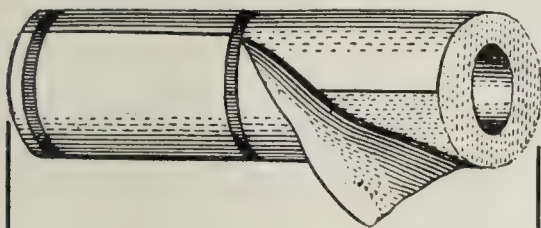
PACIFIC COAST REPRESENTATIVES: U. S. Steel Products Company, San Francisco, Los Angeles, Portland, Seattle.

EXPORT REPRESENTATIVES: U. S. Steel Products Company, New York City



**10983—Pipe & Boiler Coverings (Asbestos)**

Acme Asbestos Covering & Supply Co. ("Acme"), 404 N. Ada, Chicago, Ill.  
*See adv index at end of book*

**Coverings-Asbestos***All kinds*

**Acme Asbestos Covering & Supply Co.**

**404 N. Ada Street  
Chicago**

Adams & Jewell, Rome, N. Y.  
 American Insulation Co., Roberts av & Stokley, Phila., Pa.  
*See adv index at end of book*  
 Asbestos Co. of Calif., 199 1st, San Francisco, Cal.  
 Asbestos Felting Wks., 79 Maiden la, New York  
 Brunett Frank O., 396 Smith, Brooklyn, N. Y.  
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
 Central Asbestos & Magnesia Co., 214 W Grand av, Chicago, Ill.  
 Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.  
 Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.  
 Crawford L. M. Asbestos Co., 1901 Clay, Denver, Colo.  
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.  
 Federal Asbestos Co., Milwaukee, Wis.  
 Franklin Mfg. Co. ("Franklin"), Franklin, Pa.  
 Gillen-Chambers Co., Portland, Ore.  
 Hardy & Tierney, 410 E 23d, New York  
 Illinois Fire Proof Covering Co., 154 W Randolph, Chicago, Ill.  
 Johns H. W.-Manville Co., Madison av & 41st, New York  
 Keasbey Robt. A. Co., 445 West, New York  
 Keasbey & Mattison Co. (Moulded), Ambler, Pa.  
 Mikesell Bros. Co., 26 N Jefferson, Chicago, Ill.  
 National Air Cell Covering Co., 163 Henderson, Jersey City, N. J.  
 Nightingale & Childs Co., 205 Congress, Boston, Mass.  
 Norristown Magnesia & Asbestos Co., Norristown, Pa.  
 Racich Asbestos Mfg. Co., 609 W 55th, New York  
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.  
*See adv index at end of book*

Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.  
 Sall Mountain Co., 230 S La Salle, Chicago, Ill.  
 Standard Pipe Covering Co., 3748 E 71st, Cleveland, O.  
 Trainer C. W. Mfg. Co., 55 High, Boston, Mass.  
 Watson H. F. Co. ("Imperial"), Erie, Pa.  
 Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

**10984-5—Pipe & Boiler Coverings (Cement)**

Acme Asbestos Covering & Supply Co. (Asbestos), 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
 American Insulation Co., Roberts av & Stokley, Phila., Pa.  
*See adv index at end of book*  
 Atlas Co., Lincoln, N. J.  
 Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.  
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.  
 Franklin Mfg. Co. ("Franklin"), Franklin, Pa.  
 Johns H. W.-Manville Co., Madison av & 41st, New York  
 Watson H. F. Co., Erie, Pa.

**10986— Pipe & Boiler Coverings (Felt)**

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
 Barrett Co., 17 Battery pl, New York  
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
 Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.  
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.  
 Federal Asbestos Co., Milwaukee, Wis.  
 Franklin Mfg. Co. ("Franklin"), Franklin, Pa.  
 Hardy & Tierney (Hair Felt), 410 E 23d, New York  
 Johns H. W.-Manville Co., Madison av & 41st, New York  
 Keasbey Robt. A. Co., 445 West, New York  
 National Air Cell Covering Co. (Wood Felt), 163 Henderson, Jersey City, N. J.  
 Watson H. F. Co., Erie, Pa.

**10987— Pipe & Boiler Coverings (Magnesia)**

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
**AMERICAN INSULATION CO.**, Roberts av & Stokley, Phila., Pa.  
*See adv index at end of book*  
 American Magnesia & Covering Co., Plymouth Meeting, Pa.  
 Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.  
 Central Asbestos & Magnesia Co., 214 W Grand av, Chicago, Ill.  
 Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.  
 Franklin Mfg. Co. ("Franklin"), Franklin, Pa.  
 Johns H. W.-Manville Co. ("J. M." 85 per cent.), Madison av & 41st, New York  
 Keasbey & Mattison Co. (Sectional), Ambler, Pa.  
 Magnesia Covering Co., 1927 Market, Phila., Pa.  
 Norristown Magnesia & Asbestos Co. ("Diamond N"), Norristown, Pa.

**10988— Pipe & Boiler Coverings (Mineral Wool)**

Acme Asbestos Covering & Supply Co., 404 N Ada, Chicago, Ill.  
*See adv index at end of book*  
 Columbia Mineral Wool Co., 58 W Washington, Chicago, Ill. Works: So. Milwaukee, Wis.  
 Union Fibre Co., Winona, Minn.  
**U. S. MINERAL WOOL CO.** (Mineral Wool), 280 Madison av, New York  
*See adv index at end of book*

**10989— Pipe & Tube Mills**

Allegheny Steel Co. ("Reliance" Charcoal, Iron & Steel Boiler Tubes; "Reliance" Standard Extra Gauge Boiler Tubes), Oliver bldg, Pittsburgh, Pa. Works: Brackenridge, Pa.  
**BYERS A. M. CO.** (Lap & Butt Welded Wrought Iron Pipe, Black & Galvanized, ½ to 12 inches; also Oil Well Tubing, Casing, etc), 235 Water, Pittsburgh, Pa. *See adv index at end of book*  
 Central Tube Co. (Wrought Steel Rigid & Flexible Conduits), Pittsburgh, Pa.  
 Cohoes Rolling Mill Co. (Wrought Iron Pipe), Cohoes, N. Y.  
 Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.  
 Delaware Seamless Tube Co. (Boiler Tubes, etc), Auburn, Pa.  
 Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel Boiler Tubes, Automobile Tubes, Stay Tubes, etc), Detroit, Mich.  
 Globe Seamless Steel Tubes Co. (Seamless Steel), Colby-Abbott bldg, Milwaukee, Wis.  
 Horner U. S. & Co., Oliver bldg, Pittsburgh, Pa.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Keystone Tube Works (Tubing & Tabular Shapes), Connellsville, Pa.  
 La Belle Iron Works (Black & Galvanized Steam, Gas & Water Pipe, Oil & Gas Line Pipe, Casing, Tubing & Drive Pipe, 1½ to 12 inches), Steubenville, O.  
 Mark Mfg. Co. (Black & Galvanized Wrought Iron & Steel Pipe, ½ to 20 inches, Boiler Tubes, Casing, Line & Drive Pipe), Evanston, Ill. Mills: Zanesville, O.  
 Monongahela Tube Co. (Iron & Steel Boiler Tubes), Ferguson bldg, Pittsburgh, Pa.  
 Moorehead Bros & Co. (Iron Pipe, etc.), Sharpsburg, Pa.  
 National Tube Co. ("NATIONAL" Spellerized Boiler Tubes, "NATIONAL" Lap-weld & Butt-weld from ½ up to 30 inches, Pipe for Steam, Gas & Water, Black, Galvanized & Dipped, also for Oil Well Casing, Air Line, Brake Beam, Tuyere, Dry Kiln, Ammonia, Drive Signal, Conduit, etc.), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Newark Tube & Metal Works (Small Sizes Steel Tubing), 560 Ferry, Newark, N. J.  
 Parkersburg Iron Co. (Charcoal Iron Boiler Tubes, Arch Pipe & Stay Tube), Parkersburg, Pa.  
 Pittsburgh Tube Co. (Bedstead Tubing), Keystone bldg, Pittsburgh, Pa.  
 Reading Iron Co. (Wrought Iron Pipe, Boiler Tubes, Oil Well Tubing & Casing ½ to 20 inches), Reading, Pa.  
 Republic Iron & Steel Co. (Black Standard & Galvanized Line Pipe, Drive Pipe, Tubing & Casing), Youngstown, O.

**ASBESTOS and MAGNESIA PRODUCTS****Manufacturers and Contractors****Pipe and Boiler Coverings****AMERICAN INSULATION COMPANY, Roberts Avenue and Stokley Street, PHILADELPHIA, PA.**



Seamless Tube Co. of America (Seamless Steel Tubes  $1\frac{1}{2}$  to 6 inches; also Boiler Tubes), Frick bldg, Pittsburgh, Pa.  
 South Chester Tube Co. (Wrought Iron Pipe), Chester, Pa.  
 Spang, Chalfant & Co. (Wrought Iron & Steel Pipe for Water, Gas, Steam & Oil  $\frac{1}{8}$  to 24 inches & Wrought Iron & Steel Boiler Tubes  $1\frac{1}{2}$  to 13 inches), Union Bank bldg, Pittsburgh, Pa.  
 Tyler Tube & Pipe Co. (Knobbed Charcoal Iron & Algerite Iron Boiler Tubes), Washington, Pa.  
 Wheeling Steel & Iron Co. (Wrought Steel Pipe, Black & Galvanized  $\frac{1}{8}$  to 12-inch), Wheeling, W. Va.  
 Worth Bros. Co. (Charcoal Iron Knobbed Lapwelded Boiler Tubes), Coatesville, Pa.  
**YOUNGSTOWN SHEET & TUBE Co.** (Iron & Steel Pipe, from  $\frac{1}{8}$  to 20-inch, Black & Galvanized, Merchant, Oil Well Casing, Tubing, Drive & Line Pipe), Youngstown, O.

### Pipes (Blow)

See Blow Pipes & Brazing Apparatus; also Exhaust & Blow Piping

### 10990—Pipes (Flush & Supply)

**ALBERT G. G. & CO.**, Bangor, Pa.  
**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
**American Brass & Copper Co.**, 138 Lafayette, New York  
**Dearborn Brass Co.**, Cedar Rapids, Ia.  
**Diamond Mfg. Co.**, Detroit, Mich.  
**Edwardsville Brass Co.**, Edwardsville, Ill.  
**Frost Mfg. Co.**, Kenosha, Wis.  
**Glauber Brass Mfg. Co.**, 49th & Superior av N E, Cleveland, O.  
**Haines, Jones & Cadbury Co.**, 1136 Ridge av, Phila., Pa.  
**Miller Chas. A. Co.** (Low-Down Supply), Sturgis, Mich.  
**Milwaukee Brass Mfg. Co.** (Bath & Basin Cock Supply Pipes, etc.), 251 Lap- ham, Milwaukee, Wis.  
**Reid Brass Mfg. Co.**, 272 Kent av, Brook- lyn, N. Y.  
**Rundle Mfg. Co.**, 27th & Wahl, Milwaukee, Wis.  
**Salem Brass & Iron Mfg. Co.**, Salem, N. J.  
**Shwab Bros. Co.** (Galvanized Steel), 811 E 9th, New York  
**Smith E. C. Mfg. Co.**, 120 W Union, Chi- cago, Ill.  
**Standard Brass Mfg. Co.**, Utica, N. Y.  
**Trenton Brass & Machine Co.**, Trenton, N. J.  
**Watrous Co.** ("Watrous" White Metal), 14 E Jackson Blvd, Chicago, Ill.  
**Wise J. B. Inc.**, Watertown, N. Y.  
**Wolverine Brass Works**, Grand Rapids, Mich.

### 10991—Pipes (Glass Blowers')

**Speer W. B.**, 107 Carson, Pittsburgh, Pa.

### 10992— Pipes (Hawse)

**Reed Geo. A. & Son**, Gloucester, Mass.

### 10993— Pipes (Hose)

**American Foundry & Mfg. Co.**, 11th & Herbert, St. Louis, Mo.  
**McNab & Harlin Mfg Co**, 55 John, New York

### 10994— Pipes (Organ)

**Gottfried A & Co.**, Erie, Pa.  
**Pierce Sam'l Organ Pipe Co.**, Reading, Mass.  
**White Fred L.**, Reading, Mass.

### 10995— Pipes (Play)

**Gutta Percha & Rubber Mfg. Co.** ("Mal- tesse Cross," Flexible Rubber, etc.), 126 Duane, New York

### 10996— Pipes (Smoking)

**Akron Smoking Pipe Co.** (Clay), Mogadore, Ohio  
**American Briar Pipe Co.**, 171 Randolph, Chicago, Ill.  
**Birnbaum Wm.** (Meerschaum), 67 Nassau, New York  
**Butzen E.**, 157 W Randolph, Chicago, Ill.  
**Crown Pipe Mfg. Co.**, Omaha, Neb.  
**De Muth W. & Co.** (All Kinds), 230 5th av, New York  
**Estes E. B. & Sons** (Wood), 358 5th av, New York *See adv index at end of book*  
**Frank S. M. & Co.**, 928 B'way, New York  
**Frankau Adolph & Co.** (Briar), 30 Burling st, New York  
**Globe Smoking Pipe Co.**, Cortland, N. Y.  
**Harvey & Watts**, 1822 E Venango, Phila., Pa.  
**Heyman Solomon**, 814 Druid Hill, Balti- more, Md.  
**Hirsch John**, 130 W 5th, Los Angeles, Cal.  
**Hirsch & Benheim** (Cob), Washington, Mo.  
**Hunter John S. V.** (Clay), Camden, N. J.  
**Kaufmann Bros. & Bondy** (All Kinds), 33 E. 17th, New York  
**Keffer Wm.**, 1128 N Orianna, Phila., Pa.  
**Linkman M. & Co.**, 323 Wells, Chicago, Ill.  
**Manhattan Briar Pipe Co.**, Jersey City, N. J.  
**Missouri Meerschaum Co.** (Cob), Washing- ton, Mo.  
**National Cob Pipe Works** (Cob), Union, Mo.  
**Nax Leonard**, 144 Noble, Phila., Pa.  
**Phoenix American Pipe Works** (Cob), Boonville, Mo.  
**Reagan Ed.** (Clay), Syracuse, N. Y.  
**Reiss Bros. & Co.** (Meerschaum), 252 E Erie, Chicago, Ill.  
**Robinson John J. Pipe Co.**, 54 John, New York  
**Smith J. W.** (Clay), Town of Union, N. J.  
**Springwells Clay Pipe Co.**, Orion, Mich.  
**Stehr C.** (Meerschaum), 347 Broome, New York  
**Union Pipe Co.** (Corncob), Owensville, Mo.  
**Utter W. H. & Son** (Briar), Olean, N. Y.  
**Washington Cob Pipe Works**, Washington, Mo.  
**Willis Co.**, 76 Pilling, Brooklyn, N. Y.  
**Wolf Pipe Co.** (Briar & Meerschaum), Detroit, Mich.

### 10997— Pipes (Supply, for Gas Stoves)

**New York Nickel Plating & Mfg. Co.**, 327 E 63d, New York

### 10998—Piping (High Pressure)

**American Fdry & Const. Co.**, 2nd av & Longworth, Pittsburgh, Pa.  
**American Machine & Mfg. Co.**, Ltd., Greenville, S. C.  
**Anderson-Darragh Co.**, 3206 Penn av, Pittsburgh, Pa.  
**Ballwood Co.**, 30 Church, New York  
**Baltimore Dry Dock & Ship Building Co.**, Locust Point, Baltimore, Md.  
**Barker H. R. Mfg. Co.**, Lowell, Mass.  
**Best Co.**, 33d & R. R., Pittsburgh, Pa.  
**Bowers W. A. Heating Co.**, 484 Market, Milwaukee, Wis.  
**Braman, Dow Co.**, 239 Causeway, Boston, Mass.  
**Bride, Grimes & Co.**, Lawrence, Mass.  
**Burlingame A. Co.**, Worcester, Mass.  
**Coffin Isaac Co.**, 52 Sudbury, Boston, Mass.

**Crane Co.** (Est. 1855) (Steam), 836 S Mich- igan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
**Crane W. F. & Co.**, 149 B'way, New York  
**Crook H. E. Co., Inc.**, 23 Light, Baltimore, Md.

**Danforth John W. Co.**, Buffalo, N. Y.  
**Downey Heating & Supply Co.**, 615 Cly- bourn, Milwaukee, Wis.  
**Evans, Almirall & Co.**, 1 Dominick, New York

**Faith S. & Co.**, 2427 Penna. av, Phila., Pa.  
**Kehm Bros. Co.**, 15 W Kinzie, Chicago, Ill.  
**KELLOGG M. W. CO.**, 90 West, New York

*See adv index at end of book*  
**Kries Henry A. & Sons Co.**, 8 W Lombard, Baltimore, Md.

**Kroeschell Bros. Co.**, 440 W Erie, Chicago, Ill.

**McLean & Cousens Co.**, 204 Purchase, Bos- ton, Mass.

**Merrill Co.**, 19 Pearl, Boston, Mass.

**Mitchell W. K. & Co.**, 2940 Ellsworth, Phila., Pa.

**National Valve & Mfg. Co.**, 31st & Liberty, Pittsburgh, Pa.

**Parks G. M. Co.**, Fitchburg, Mass.

**Pittsburgh Gage & Supply Co.**, 30th & Liberty av, Pittsburgh, Pa.

**Pittsburgh Piping & Equipment**, 35th & Charlotte, Pittsburgh, Pa.

**Pittsburgh Valve, Foundry & Construction Co.**, 26th & A. V. Ry., Pittsburgh, Pa.

**Pope Wm. A.**, 26 N Jefferson, Chicago, Ill.

**Reid John L.**, 356 Mulberry, Newark, N. J.

**Riggs, Distler & Stringer** (Contractors), 25 Light, Baltimore, Md.

**Robbins, Gamwell & Co.**, Pittsfield, Mass.

**SHAW BENJ. F. CO.**, 501 E 2d, Wilming- ton, Del. *See adv index at end of book*

**Shaw, Kendall Engineering Co.**, Toledo, O.

**Wanner Louis, Jr.**, 1723 Ludlow, Phila., Pa.

**York Engineering Co. (Inc.)** (For Steam, Hydraulic & Electric Plants, etc., Dis- trict Steam & Underground Piping a Specialty), York, Pa.

### 10999— Piping Systems

**Pittsburgh Valve Foundry & Construction Co.**, 26th & A. V. Ry., Pittsburgh, Pa.

### Pistols

See Rifles, Guns, etc.

### 10999a—\*Pistols (Automatic, Toy)

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.

*See adv index at end of book*

### 10999b—\*Pistols (Toy, Wood)

**Estes E. B. & Sons**, 358 5th av, New York  
*See adv index at end of book*

### 11000— Pistons (Engine)

**Aluminum Castings Co.** (Aluminum), Cleveland, O.

**Capitol Foundry Co.**, Hartford, Conn.

**Cast Iron Brazing & Mfg. Co.**, Manchester, N. H.

**Du Bois Foundry Co.**, Cold Spring, N. Y.

**Dyer G. H. Co.** (Automobile), Cambridge, Mass.

**Evarts Machine Co.**, Hartford, Conn.

**Hill-Smith Metal Goods Co.** (Automobile), 88 Pearl, Boston, Mass.

**Houpert Machine Co.**, 351 W 52d, New York

**Hungerford U. T. Brass & Copper Co.** ("Star"), 80 Lafayette, New York

**Interstate Foundry Co.**, E 61st & Erie R. R., Cleveland, O.

**Lakeside Foundry Co.**, Lyncaste av & Ter- minal Ry, Detroit, Mich.

**Levett Walker M. Co.** ("Magnelite"), 417 E 23d, New York

## BENJAMIN F. SHAW COMPANY

HIGH PRESSURE STEAM FITTERS

WILMINGTON, DELAWARE

WE MAKE A SPECIALTY OF ELECTRIC LIGHT AND RAILWAY POWER HOUSE INSTALLATIONS.

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WE MANUFACTURE AND CAN FURNISH PROMPTLY THE "SHAWCO" BELL TURNED JOINT HEADER

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OR MALLEABLE IRON FITTINGS, AS PREFERRED.

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McCadden Machine Works, 316 6th av, N St. Cloud, Minn.  
Manufacturers Foundry Co., Waterbury, Conn.  
Muncie Foundry & Machine Co., Muncie, Ind.  
Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.  
Otis Machine Works, 191 Mill, Rochester, N. Y.  
Pondelick Bros. ("Pondalloy"), Leavitt & Jackson blvd, Chicago, Ill.  
Racine Foundry Co., 10th & C. M. & St. P. Ry., Racine, Wis.  
Reliance Foundry Co., Richmond, Ind.  
Spackle F. W. Machine Co., Indianapolis, Ind.  
Spencer-Smith Machine Co., Howell, Mich.  
Underwood H. B. & Co., 1025 Hamilton, Phila., Pa.  
Wainwright W. W. & Son, Connersville, Ind.  
Waterbury Welding Co., Waterbury, Conn.  
Wilson Foundry & Machine Co., Pontiac, Mich.

### 11001—Pistons (Pneumatic Hammer)

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

### 11002—Pitch (Asphalt)

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.  
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.  
Chatfield Mfg. Co., Carthage, Cincinnati, O.  
Densmore-Stabler Refining Co., Los Angeles, Cal.  
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.  
Hercules Oil Refining Co., Los Angeles, Cal.  
Texas Co., 17 Battery pl, New York  
Warren Chemical & Mfg. Co., 17 Battery pl, New York  
Watson H. F. Co., Erie, Pa.  
Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

### 11003—Pitch (Brewers')

Bishopric Products Co. (Bishopric), Grove & Este av, Cincinnati, O.  
Casey John A. Co. (Jobbers), 144 Maiden la, New York  
German-American Pitch Co. ("Red Star"), 414 Water, Cincinnati, O.  
Zobel Ernest Co., 112 2d av, Brooklyn, N. Y.

### 11004—Pitch (Burgundy)

McKesson & Robbins, 91 Fulton, New York  
National Rosin Oil & Size Co., 90 West, New York  
West H. T. Co., 40 Central, Boston, Mass.

### 11005—Pitch (Coal Tar)

Bayway Chemical Co., Elizabeth, N. J.  
Carey Philip Mfg. Co. 330 Wayne av, Lockland, Cincinnati, O.  
Chatfield Mfg. Co., Carthage, Cincinnati, O.  
City Gas Co., Norfolk, Va.  
Coal Tar Product Co. ("Stag Brand"), 570 Smith, Brooklyn, N. Y.  
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.  
Larendon M. W. & Co. (Jobbers, Spirits), 82 Wall, New York  
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.  
New Haven Gas Light Co., New Haven, Conn.  
Semet-Solvay Co., Syracuse, N. Y.  
Watson H. F. Co., Erie, Pa.

### 11006—Pitch (Paving & Roofing)

See also Coal Tar Products

**ALCATRAZ CO., INC.**, 3200 Williamsburg av, Richmond, Va.  
Armitage Mfg. Co., Richmond, Va.  
Atlanta Gas Light Co. ("Agasco" Paving), Atlanta, Ga.  
Atlantic Refining Co. (Petroleum), 3144 Passyunk av, Phila., Pa.  
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.  
Barrett Co., 17 Battery pl, New York  
Cabot Samuel (Inc.), 141 Milk, Boston, Mass.  
Carey Philip Mfg. Co. (Asbestos Roofing), 330 Wayne av, Lockland, Cincinnati, O.  
Casey John A. Co. (Jobbers, Roofing), 144 Maiden la, New York

Chatfield Mfg. Co., Carthage, Cincinnati, O.  
Chatfield & Woods Co. (Mfrs.), 3rd & Plum, Cincinnati, O.  
Coal Tar Product Co., 570 Smith, Brooklyn, N. Y.  
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.  
General Roofing Mfg. Co., Boatman's Bank bldg, St. Louis, Mo.  
Lamson John S. & Bro., 80 Maiden la, New York  
Larendon M. W. & Co. (Roofing, Jobbers), 82 Wall, New York  
Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.  
Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.  
Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.  
Watson H. F. Co., Erie, Pa.

### 11007—Pitch (Pine)

Barclay Naval Stores Co., 44 Whitehall, New York  
General Naval Stores Co. (Inc.) ("Sunny South"), 90 West, New York  
Larendon M. W. & Co. (Jobbers), 82 Wall, New York  
Martin Wm. A. & Co. (Calking & Navy Pitch), Wilmington, N. C.

### 11007a—\*Pitch (Roofing)

Du Pont Chemical Works, 120 B'way, New York

### 11008—Pitch (Ship)

N. Y. Rosin Oil & Varnish Co., 90 West, New York  
Zobel Ernest Co., 112 2d av, Brooklyn, N. Y.

### 11009—Pitch (Stearine)

Emery Candle Co., Cincinnati, O.  
Fuerst Bros. & Co. (Imp), 2 Stone, New York  
Jacob Chas. W. & Allison (Imp), 18 Cedar, New York  
Marden, Orth & Hastings Co., 61 B'way, New York  
Moore & Munger ("Calaria" Imp), 29 B'way, New York  
Scheel Wm. H. (Jobbers), 159 Maiden la, New York

### Pitchers (Acid)

See Stoneware, Chemical

### 11010-1—Pitometers

Pitometer Co. (Portable for Measuring & Recording the Flow of Water in Pipes), 25 Elm, New York

### 11012—Pivots (Floor)

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

### 11013—Pivots (Steel, for Scientific Instruments)

Wennstrom's John Sons Co., Suffern, N. Y.

### 11014—Pivots (Window)

Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.  
Tabor Sash Fixture Co., 63 Polk, Newark, N. J.

### 11014a—\*Placques (Wood)

Estes E. B. & Sons, 358 5th av, New York  
See adv index at end of book

### Planers

See sub-classifications following; also Machinery, Planing

### 11015—Planers (Barrel Head)

U. S. Bottlers' Machy. Co. ("Electric"), 1033 W Lake, Chicago, Ill.

### 11016—Planers (Emery)

Tanite Co. ("Newman"), Stroudsburg, Pa.

### 11017—Planers (Ice)

Barney & Berry, Springfield, Mass.

### 11018—Planers (Ice, Elevator)

Bodenstein J. G. & Co., Staatsburg, N. Y.

### 11019—Planers (Mitre)

Millers Falls Co. ("Rogers"), 28 Warren, New York

### 11020—Planers (Road)

Puffer-Hubbard Mfg. Co. ("Hubbard's"), 32nd av S & 26th, Minneapolis, Minn.

### 11021—Planes

Buckeye Saw Vise Co. ("Buckeye"), Cleveland, O.  
Cassady Fairbank Mfg. Co. (Block & Jack), 6126 Lasalle, Chicago, Ill.  
Chapin-Stevens Co. (Bench, Ship Moulding & Grooving), Pine Meadow, Conn.  
Gage Tool Co. (Self-Setting), Vineland, N. J.  
Grammes L. F. & Sons (Iron Foundry), Allentown, Pa.  
Heald, Addison & Son, Milford, N. H.  
Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
Ohio Tool Co. (Iron & Wood), Charleston, W. Va.  
Sandusky Tool Co. (Bench, etc), Sandusky, Ohio  
Sargent & Co. (Iron & Wood Bottom, "U. S.," Wooden Bench, Nosing or Step, Dado, Filletter, Rabbit, Match, Sash Moulding, "Kenewa" Bench), New Haven, Conn.  
Smith Otis A. ("Fales" Patent Bench), Rockfall, Conn.  
Stanley Rule & Level Co. ("Bailey" Adjustable Iron & Wood "Bed Rock"), New Britain, Conn.  
Union Mfg. Co. ("Union," Iron & Wood), New Britain, Conn.

### 11022—Planes (Belt Makers')

Manufacturers Belt Hook Co. ("L.-X."), 113 N Green, Chicago, Ill.

### 11023—Planes (Core Box)

Gray Iron Casting Co. (For Wood Pattern Makers), Springfield, O.

### Planes (Hoof)

See Parers Hoof

### 11024—Planimeters

American Steam Gauge & Valve Mfg. Co. ("American Amster" Polar), 208 Camden, Boston, Mass.  
Ashcroft Mfg. Co. ("Ashcroft" & "Coffin" Averaging), 119 W 40th, New York  
**BRISTOL CO.** ("Bristol's" for Circular Charts), Waterbury, Conn.  
See adv index at end of book  
Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
Du Vivier Ernest H., 30 Church, New York  
Elliott B. K. Co., 126 6th, Pittsburgh, Pa.  
Gurley W. & L. E. (Polar), Troy, N. Y.  
Keuffel & Esser, Hoboken, N. J.  
Robertson Jas. L. & Son ("The Willis"), 78 Murray, New York

**SCHAEFFER & BUDENBERG MFG. CO.**, Berry & S 5th, Brooklyn, N. Y.

See adv index at end of book

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Thompson Richard & Co., 126 Liberty, New York

Trill Indicator Co. ("Trill"), Corry, Pa.

### 11025—Plank Drawer

Pollard Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

### 11026—Planks (Extension)

Andersen Specialty Co., 6 E Lake, Chicago, Ill.

### 11026a—\*Planks (Steak & Fish, Wood)

Estes E. B. & Sons, 351 5th av, New York  
See adv index at end of book

### 11027—Planters (Bean & Pea)

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.  
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
Caledonia Bean Harvester Works (Bean), Caledonia, N. Y.



Columbia Planter Co., Springfield, O.  
Deere & Mansur Works, Moline, Ill.  
Gale Mfg. Co. (Bean & Pea), Albion, Mich.  
Janesville Machine Co., Janesville, Wis.  
McWhorter Mfg. Co. (Bean), Riverton, N. J.  
Moline Plow Co. ("Boston" & "Flying Dutchman," "Gretchen"), Moline, Ill.  
Ohio Rake Co. (One Row, "Ohio 40," "Ohio 41 C. & C.," "Dayton C. & C."), Dayton, O.  
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.  
Potato Implement Co. (Hand Bean), Traverse City, Mich.  
Superior Churn & Mfg. Co., Northville, Mich.  
Wiard Plow Co. (Bean), Batavia, N. Y.

**11028—Planters (Beet)**

Allen S. L. & Co. ("Planet Jr."), Denrklia bldg, Phila., Pa.  
Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
Columbia Planter Co., Springfield, O.  
Gale Mfg. Co., Albion, Mich.  
Thomas Mfg. Co. ("Thomas"), Springfield, O.

**11029—Planters (Broom Corn)**

Gale Mfg. Co., Albion, Mich.

**11030—Planters (Corn)**

American Seeding Machine Co. ("Simplex" & "Superior"), Springfield, O.  
Ames Plow Co. (One Horse, One Row, etc.), Quincy Hall, Boston, Mass.  
Avery B. F. & Sons, Louisville, Ky.  
Avery Co. ("Perfection," "Corn King," "Corn Queen" Steel "Perfection"), Peoria, Ill.  
Ayers J. R., Petersburg, Va.  
Belcher & Taylor Agri. Tool Co., Chicopee Falls, Mass.  
Brinly Hardy Co. ("Derby"), Louisville, Ky.  
Cambridge Steel Plow Co., Cambridge, N. Y.  
Campbell Bros. Mfg. Co., Harrison, O.  
Cardwell Machine Co. ("Eureka," "Cardwell," "Smith"), Richmond, Va.  
Case J. I. Plow Works, Racine, Wis.  
Chattanooga Plow Co., Chattanooga, Tenn.  
Cole Mfg. Co. (Comb Seed Dropper, etc), Charlotte, N. C.  
Collins Plow Co., Quincy, Ill.  
Columbia Planter Co., Springfield, O.  
Cooper A. A. Wagon & Buggy Co., Dubuque, Ia.  
Deere & Mansur Works, Moline, Ill.  
Deuscher H. P. Co., Hamilton, O.  
Donaldson Bros. ("King"), Mt. Clemens, Mich.  
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
Eureka Mower Co. (1 & 2 Row), 16 Hickory, Utica, N. Y.  
Farquhar A. B. Co. (Ltd.) (Also With Fertilizer Attachment), York, Pa.  
Fort Madison Plow Co., Fort Madison, Ia.  
Gale Mfg. Co. (One & Two Horse Planter & Fertilizers; also Riding; also With Disc), Albion, Mich.  
Galva Heater Co., Aurora, Ill.  
Hayes Pump & Planter Co. (Riding & Walking), Galva, Ill.  
Hench & Dromgold ("Daisy," "York"), York, Pa.  
Hughes & Smythe, Galena, O.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (Inc.)** (International-C. B. & Q.-Hoosier-Kentucky), 702 Harvester bldg, Chicago, Ill. See adv index at end of book

Janesville Machine Co., Janesville, Wis.  
Keystone Farm Machine Co., York, Pa.  
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.  
Lehr Agricultural Co., Fremont, O.  
Letz Mfg. Co., Crown Point, Ind.  
Luthy & Co., Peoria, Ill.  
Madison Plow Co., Madison, Wis.  
Messinger Mfg. Co., Tatamy, Pa.  
Moline Plow Co. ("Champion," Single & Double & Three Row), Moline, Ill.  
Mountville Mfg. Co. (Single & Double Row), Mountville, Pa.  
National Drill Co., Cambridge City, Ind.  
Ohio Cultivator Co., Bellevue, O.  
Ohio Rake Co. ("Victor," "Union," "3 Way," "Bulls Eye"), Dayton, O.  
Oliver Chilled Plow Works ("Oliver," "Black Hawk"), South Bend, Ind.  
Orndorff O. F., Council Bluffs, Ia.

Parlin & Orendorff Co. ("P. & O.," "No. 4," "No. 6" & "Parlin"), Canton, Ill.  
Peru Plow & Wheel Co., Peru, Ill.  
Peters Pump Co., Kewanee, Ill.  
Potato Implement Co., Traverse City, Mich.  
Racine-Sattley Co. ("Sattley No. 1," "Sattley No. 6," "New Yaw"), Springfield, Ill.  
Rock Island Plow Co. (Double & Single Row), Rock Island, Ill.  
Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.  
South Bend Chilled Plow Co., South Bend, Ind.  
Southern Plow Co., Dallas, Tex.  
Sterling Mfg. Co., Sterling, Ill.  
Superior Churn & Mfg. Co., Northville, Mich.  
Texas Implement & Machine Co., Dallas, Tex.  
Wayne Works, Richmond, Ind.  
Weaver & Co. ("Root"), New Oxford, Pa.  
White's S. R. Sons ("Centennial"), Norfolk, Va.  
Whitehurst R. W. Corp., Norfolk, Va.  
Wiard Plow Co. (Automatic), Batavia, N. Y.  
Wistrant Mfg. Co. ("Blue Star"), Galva, Ill.

**11031—Planters (Corn, Hand)**

Columbia Planter Co., Springfield, O.  
Donaldson Bros. ("King"), Mt. Clemens, Mich.  
Eagle Machine Co., Lancaster, O.  
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
Eureka Fence Mfg. Co., Richmond, Ind.  
Eureka Mower Co., 16 Hickory, Utica, N. Y.  
Hughes & Smythe, Galena, O.  
James Mfg. Co. ("Kent" Triumph), Ft. Atkinson, Wis.  
Kohler F. E. Co. ("Eclipse" Rotary), Canton, O.  
Potato Implement Co. ("Acme"), Traverse City, Mich.  
Sheffield Mfg. Co. ("American," "Standard," "Old Reliable"), Burr Oak, Mich.  
Sterling Pattern Wks. ("Empire," "King"), Sterling, Ill.  
Wabers H. H. Mfg. Co. ("U. S."), Racine, Wis.

**11032—Planters (Cotton)**

Avery B. F. & Sons, Louisville, Ky.  
Avery Co. (Steel "Prince," "Princess," "Cotton Prince," "Cotton Princess"), Peoria, Ill.  
Brinly Hardy Co., Louisville, Ky.  
Campbell Bros. Mfg. Co., Harrison, O.  
Case J. I. Plow Works ("Lone Star," "Cell Drop" & "Pitman Drive"), Racine, Wis.  
Chattanooga Plow Co., Chattanooga, Tenn.  
Cole Mfg. Co., Charlotte, N. C.  
Deere & Mansur Works, Moline, Ill.  
Emerson-Brantingham Co. ("Emerson," Combined Cotton & Corn), Rockford, Ill.  
Farquhar A. B. Co. (Ltd.), York, Pa.  
Gale Mfg. Co. (Daisy, One & Two Row, Riding), Albion, Mich.  
Gantt Mfg. Co., Macon, Ga.  
Harriman Mfg. Co., Harriman, Tenn.  
Keystone Farm Machine Co., York, Pa.  
Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.  
Moline Plow Co. ("Champion" Single & Double Row A-1 & Gearless), Moline, Ill.  
National Drill Co., Cambridge City, Ind.  
Ohio Cultivator Co. ("Ohio" Sulky, etc), Bellevue, O.  
Ohio Rake Co., Dayton, O.  
Oliver Chilled Plow Works ("Oliver"), South Bend, Ind.  
Parlin & Orendorff Co. ("P. & O." Single & Double Row), Canton, Ill.  
Racine-Sattley Co. ("Sattley No. 7"), Springfield, Ill.  
Rock Island Plow Co. (Double & Single Row), Rock Island, Ill.  
Sechler D. M. Implement & Carriage Co., Moline, Ill.  
South Bend Chilled Plow Co. (Cotton & Corn), South Bend, Ind.  
Southern Plow Co., Columbus, Ga.  
Southern Plow Co., Dallas, Tex.  
Texas Implement & Machine Co., Dallas, Tex.  
Towers & Sullivan Mfg. Co. ("Dow Law"), Rome, Ga.

White's S. R. Sons ("Eclipse," "Foster"), Norfolk, Va.  
Whitehurst R. W. Corp., Norfolk, Va.

**11033—Planters (Peanut)**

Ayers J. R. ("Ayers," Single-Row-One-Horse), Petersburg, Va.  
Champion Potato Machine Co., Hammond, Ind.  
Columbia Planter Co., Springfield, O.  
McWhorter Mfg. Co. ("McWhorter," Single-Row-Wheel-Hand & Two-Row-One-Horse), Riverton, N. J.  
Whitehurst R. W. Mfg. Corp. ("Excelsior" Single-Row-One-Horse), Norfolk, Va.

**11034—Planters (Potato)**

American Seeding Machine Co. ("Evans," Single-Row; also with Fertilizer Attachment) Springfield, O.  
Aspinwall Mfg. Co. ("Aspinwall," Single Row; also with Bean & Pea Planter Attachment; also with Fertilizer Attachment), Jackson, Mich.  
Bateman Mfg. Co. ("Robbins," "Iron Age" Single Row; also with Bean & Pea Planter Attachment; also Fertilizer Attachment), Grenlock, N. J.  
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
Brown-Manly Plow Co. ("Malta"), Malta, Ohio  
Champion Potato Machine Co. ("O. K. Champion"; also with Fertilizer Attachment), Hammond, Ind.  
Empire Plow Co. ("Empire"), Cleveland, Ohio  
Eureka Mower Co. (One & Two Row; also with Fertilizer Attachment), 16 Hickory, Utica, N. Y.  
Fetzer & Co. ("McSherry" & "Fetzer"), Springfield, Ill.  
Greenville Implement Co. (Hand), Greenville, Mich.  
Hassell Iron Works Co. ("Colorado"), Colorado Springs, Colo.  
Hirsch Bros. ("Spalding" Single Row), 267 Reed, Milwaukee, Wis.  
Hoover Mfg. Co., Avery, O.  
McWhorter Mfg. Co. ("McWhorter" Single Row; also with Fertilizer Attachment), Riverton, N. J.  
Messinger Mfg. Co. (With Fertilizer Attachment), Tatamy, Pa.  
Ohio Rake Co. ("Dayton"), Dayton, O.  
Peek's S. H. Sons ("Perfection"), East Aurora, N. Y.  
Platt Addison J., Sterling, Ill.  
Pugh Mfg. Co., Topeka, Kans.  
Potato Implement Co. ("Segment," "Eureka," "Acme," "Peerless," "Tubular," "Swan," "Pingree" & "Dewey" Hand), Traverse City, Mich.  
Schofield & Co. ("Schofield," Single Row; also Planter & Digger Combined), Freeport, Ill.  
Sears A. H. (Plano), Plano, Ill.  
Sheffield Mfg. Co. ("Sheffield" Hand), Burr Oak, Mich.  
Southern Plow Co. ("Haimans"), Columbus, Ga.  
Springer Bros. Mfg. Co. (Two Row, Check or Drill), Edwardsville, Ill.  
Stevens Mfg. & Foundry Co. ("Stevens" Single Row), Decatur, Ill.  
Towers & Sullivan Mfg. Co. ("Towers"), Rome, Ga.  
Wabers H. H. Mfg. Co. ("Invincible" Hand), Racine, Wis.  
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

**11035—Plaster Boards, Slabs, Etc.**

See also Wall Boards

A. B. Fireproofing Co., Schiller bldg, Chicago, Ill.  
American Cement Plaster Co. ("American"), Lawrence, Kan.  
Barrett Co. (Blue Plaster Boards), 17 Battery pl, New York  
Beaver Co. ("Beaver"), 956 Beaver rd, Buffalo, N. Y.  
Bishopric Mfg. Co. ("Bishopric," Stucco or Plaster), 1453 Este av, Cincinnati, O.  
California Bestwall Co. ("Bestwall"), San Francisco, Cal.  
Cardiff Gypsum Plaster Co. (Boards), Ft. Dodge, Ia.  
Denver Fireproofing Co., Denver, Colo.  
Duffy J. P. Co. ("Duffy" Wall Board), 207 E 138th, New York



Ford Mfg. Co. ("Pyramid" Blue), 2338 La Salle, Chicago, Ill.  
 Fowler & Pay ("Sackett's"), Mankato, Minn.  
 General Roofing Mfg. Co. (Blue Tarred, Wood Fibre Wall Board, etc), Boatman's Bank bldg, St. Louis, Mo.  
 Grand Rapids Plaster Co. (Boards), Grand Rapids, Mich.  
 Keystone Fireproofing Co., Chester, Pa.  
 King J. B. & Co. ("Kings," Fibrous), 17 State, New York  
 Klotz A. E. Fireproofing Co., 27 E 137th, New York  
 National Plaster Board Co. (Plaster Boards), Cleveland, O.  
 New Jersey Adamant Mfg. Co., Harrison, N. J.  
 Niagara Gypsum Co., Buffalo, N. Y.  
 Reinforced Concrete Roof Co. (Reinforced Concrete), Youngstown, O.  
 Roberts Mfg. Co. (Boards Only), Marion, Ind.  
 United Roofing & Mfg. Co. ("Cong's"), Morris bldg., Phila., Pa.  
 United States Gypsum Co. ("Sackett" & "Adamant"), 205 W Monroe, Chicago, Ill.  
 Upson Co., Lockport, N. Y.  
 Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.

### 11036—Plaster Mfrs. (Asbestos)

Johns H. W.-Manville Co., Madison av & 41st, New York  
 Rutland Fire Clay Co. ("Rutland," Flexible), Rutland, Vt.  
 United States Gypsum Co. (Wall), 205 W Monroe, Chicago, Ill.

### 11037—Plaster Mfrs. (Calcined)

Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.  
 Alabastine Co. (Also Land Plaster), Grand Rapids, Mich.  
 American Cement Plaster Co., Lawrence, Kan.  
 American Gypsum Co., Cleveland, O.  
 Bangs-Gaynor Cement & Plaster Co. (Land Plaster), Fayetteville, N. Y.  
 Baugh & Sons Co. (Land Plaster), 20 S Delaware av, Phila., Pa.  
 Bay City Wood Plaster Co., Bay City, Mich.  
 Buckhorn Plaster Co., Denver, Colo.  
 Conn. Adamant Plaster Co., New Haven, Conn.  
 French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.  
 Gilmore S., Indian Falls, N. Y.  
 Grand Rapids Plaster Co. ("Acorn," "Hoveys Eagle," "Green A," & "H. R. M."), Grand Rapids, Mich.  
 Gypsum Products Co., 14 E Jackson, Chicago, Ill.  
 Higginson Mfg. Co., Newburgh, N. Y.  
 Keystone Plaster Co., Chester, Pa.  
 King J. B. & Co. ("Kings," "Diamond," "Hilsborough," "Snowflake"), 17 State, New York  
 King C. Volney, 517 West, New York  
 Lycoming Calcining Co., Williamsport, Pa.  
 Miller Clifford L. & Co. (White), 110 E 23d, New York  
 Newark Lime & Cement Mfg. Co., ft Bridge, Newark, N. J.  
 Niagara Gypsum Co., Buffalo, N. Y.  
 Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.  
 Rock Plaster Mfg. Co. ("Riverside"), 381 4th av, New York  
 United States Gypsum Co., 205 W Monroe, Chicago, Ill.  
 Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.

### 11038—Plaster Mfrs. (Dental)

Acme Cement Plaster Co. ("Apex," "Mission"), Frisco bldg, St. Louis, Mo.  
 American Cement Plaster Co., Lawrence, Kans.  
 French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.  
 Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.  
 United States Gypsum Co., 205 W Monroe, Chicago, Ill.

### 11039—Plasters Mfrs. (Fibrous & Staff)

American Cement Plaster Co., Lawrence, Kans.  
 Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.

Grand Rapids Plaster Co., Grand Rapids, Mich.  
 Harnisch Ad A., Syracuse, N. Y.  
 Jennens W. H., 1811 Baltimore av, Kansas City, Mo.  
 Pacific Portland Cement Co. Consol., Pacific bldg, San Francisco, Cal.  
 United States Gypsum Co., 205 W Monroe, Chicago, Ill.

### 11040—Plaster Mfrs. (Wall)

See also Stucco Manufacturers

#### ARIZONA.

DOUGLAS—Arizona Gypsum Plaster Co.

#### CALIFORNIA.

AMBOY—Consolidated Pacific Cement Plaster Co.  
 LOS ANGELES—Acme Cement Plaster Co. (See St. Louis, Mo.)  
 SAN FRANCISCO—Pacific Portland Cement Co. ("Empire," "Reno"), Pacific bldg

#### COLORADO.

DENVER—Buckhorn Plaster Co.  
 Colorado Portland Cement Co. ("Ideal")  
 LOVELAND—Loveland Plaster & Mfg. Co.  
 PORTLAND—Colorado-Portland Cement Co. (See Denver, Colo.)

#### CONNECTICUT.

NEW HAVEN—Connecticut Adamant Plaster Co.

#### ILLINOIS.

CHICAGO—American Cement Plaster Co., Conway bldg  
 Garden City Sand Co., Chamber of Comm. bldg  
 United States Gypsum Co. ("Alabaster," "Baker," "Big Four," "Eldorado," "Flint," "Granite," "Imperial," "Ivory," "O. K.," "Pyramid," "Rock," "Zenith," Cement, "Adamant," "Alabaster," "Baker," "Big Four," "Diamond," "Fitzgerald," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith," Prepared; "Alabaster," "Baker," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith," Wood Fibre)  
 PEORIA—U. S. Gypsum Co. (See Chicago, Ill.)

#### INDIANA.

INDIANAPOLIS—Keepport A. B. & Co., 620 N Senate  
 NEW ALBANY—New Albany Wall Plaster Co. ("Star" & Wood Fibre)

#### IOWA.

CEDAR RAPIDS—King's Crown Plaster Co. (Wood Fibre)  
 FORT DODGE—American Cement Plaster Co. (See Lawrence, Kans.)  
 Cardiff Gypsum Plaster Co. ("Kal-loite")  
 Plymouth Gypsum Co. ("Plymouth," "Hardernell," "Iowa" Special, Cement & Wood Fibre)  
 U. S. Gypsum Co.  
 Wasem Plaster Co. ("Monarch")

#### KANSAS.

BLUE RAPIDS—American Cement & Plaster Co. (See Lawrence, Kans.)  
 United States Gypsum Co. (See Chicago, Ill.)  
 LAWRENCE—American Cement Plaster Co. ("Agatite," "Eagle," "Peerless," "Eureka," "Crystal Rock," "Samson," "Krisolite," "White Rock," "Keystone," "Great Western" Wood Fibre & "Satin Spar," "Sun Flower," "White Rock" Finishing)  
 MEDICINE LODGE—Best Bros. Keen's Cement Co.

#### KENTUCKY.

LOUISVILLE—Atlas Wall Plaster Co.  
 Kentucky Wall Plaster Co.

#### MICHIGAN.

ALABASTER—U. S. Gypsum Co. (See Chicago)  
 BAY CITY—Bay City Wood Plaster Co. (Fibre)  
 DETROIT—Little Chas. H. Co., Dock River Rouge  
 GRAND RAPIDS—Acme Cement Plaster Co. (See St. Louis, Mo.)  
 Alabastine Co. (Plastic Hard Wall)  
 American Cement Plaster Co. (See Lawrence, Kans.)  
 Grand Rapids Plaster Co.  
 United States Gypsum Co. (See Chicago)

#### MINNESOTA.

MANKATO—Fowler & Pay ("Jasper")  
 MINNEAPOLIS—U. S. Gypsum Co., Lumber Exchange (See Chicago)

#### MISSOURI.

ST. LOUIS—Acme Cement Plaster Co. ("Acme," "Apex" Cement Wood Fibre & Moulding; "Laramie Standard," "Climax," "Independent" & "Royal" Cement & Wood Fibre), Frisco bldg  
 Glencoe Lime & Cement Co. ("Alca Lime"), Syndicate Tr. bldg  
 Hunkins-Willis Lime & Cement Co., Century bldg

#### MONTANA.

GREAT FALLS—U. S. Gypsum Co. (See Chicago)

#### NEW JERSEY.

EAST NEWARK—New Jersey Adamant Mfg. Co.

#### NEW MEXICO.

ACME—Acme Cement & Plaster Co. (See St. Louis, Mo.)  
 ANCHO—Western Clay & Gypsum Products Co.

#### NEW YORK.

AKRON—American Cement Plaster Co.  
 American Gypsum Co. (See Rochester, N. Y.)  
 BUFFALO—Buffalo Paragon Wall Plaster Co., Ellicott sq  
 Niagara Gypsum Co. ("Niagara" Brand)  
 United States Gypsum Co., Brisbane bldg. (See Chicago, Ill.)  
 CALEDONIA—Consol. Whiteland Plaster Co.  
 CAYUGA—U. S. Gypsum Co. (See Chicago, Ill.)  
 FAYETTEVILLE—Bangs-Gaynor Cement & Plaster Co.  
 Sheedy Thos. W.  
 GARBUTT—Diamond Wall Cement Co.  
 Empire Gypsum Co. (Wall Plaster Sanded & Wood Fibre Plaster) (See Rochester, N. Y.)  
 Lycoming Calcining Co. (See Williamsport, Pa.)  
 United States Gypsum Co. (See Chicago)  
 INDIAN FALLS—Gilmore S.  
 NEWBURGH—Higginson Mfg. Co.

#### NEW YORK CITY.

Boroughs of Manhattan and Bronx.  
 NEW YORK—King C. Volney, 517 West King J. B. & Co., 17 State  
 Miller Clifford L. & Co., 110 E 23d  
 N. Y. Pulp & Plaster Co. (Pulp), 1123 B'way  
 Rock Plaster Mfg. Co. ("Rock," "Blue Seal Rock," Wall), 381 4th av  
 United States Gypsum Co., 1170 B'way (See Chicago)

#### Borough of Queens.

LONG ISLAND CITY—Wotherspoon Plaster Mills, 725 Vernon av

#### Borough of Richmond.

NEW BRIGHTON—King J. B. & Co., 576 Rich Ter. (See New York City)  
 (End of New York City)



OAKFIELD—Niagara Gypsum Co. (See Buffalo, N. Y.)  
 United States Gypsum Co. (See Chicago)  
 ROCHESTER—American Gypsum Co. Empire Gypsum Co. ("Empire," "Cement," "Reliance" Wood Fibre, "Excelsior" Sanded)  
 ROSLYN—King J. B. & Co. (See N. Y. City)  
 SYRACUSE—Pack George W. & Son ("Imperial" Adamant & Wood Fibre)  
 Paragon Plaster Co.  
 Syracuse Wall Plaster Co.  
 UTICA—American Hard Wall Plaster Co. Empire Wall Plaster Co.  
 WHEATLAND—Consolidated Wheatland Plaster Co. (See Calendonina, N. Y.)  
 Empire Gypsum Co. (See Rochester, N. Y.)

**OHIO.**

CLEVELAND—Cleveland Builders' Supply Co.  
 Forrester Plaster Co., ft E 49th  
 Kelly Island Lime & Transport Co.  
 United States Gypsum Co. (See Chicago)  
 COLUMBUS—Hamilton Parker Fuel & Supply Co., 491 Kilbourne  
 GYPSUM—American Cement Plaster Co. United States Gypsum Co. (See Chicago)  
 PORT CLINTON—American Gypsum Co.  
 TOLEDO—Toledo Pulp Plaster Co. (Pulp)  
 Woodville Lime Products Co. ("Alca" Lime)  
 YOUNGSTOWN—Sharp Bros.

**OKLAHOMA.**

ALVA—Oklahoma Plaster Co.  
 BICKFORD—Romen Nose Gyp. Co. ("Chief")  
 CEMENT—Acme Cement Plaster Co. (See St. Louis, Mo.)  
 ELDORADO—U. S. Gypsum Co. (See Chicago)  
 MARLOW—Acme Cement Plaster Co. (See St. Louis, Mo.)  
 OKARCHE—U. S. Gypsum Co. (See Chicago)  
 OKLAHOMA—Texas Cement Plaster Co.  
 WATONGA—American Cement Plaster Co. (See Lawrence, Mass.)

**PENNSYLVANIA.**

BRADDOCK—Crown Wall Plaster Co.  
 CHESTER—Keystone Plaster Co. ("Adamant" & Victor)  
 LEBANON—Granitine Wall Plaster Co.  
 NEW BRIGHTON—New Brighton Plaster Co.  
 NEW CASTLE—New Castle Elastic Pulp Plaster Co. (Pulp)  
 NEW KENSINGTON—New Kensington Fibre Plaster Co. (Fibre)  
 PHILADELPHIA—French Sam'l H. & Co., 4th & Callowhill  
 SCRANTON—Paragon Plaster & Supply Co.  
 SPEERS—Charleroi Hard Wall Plaster Co.  
 WILLIAMSPORT—Diamond Wall Cement Co.

**SOUTH DAKOTA.**

BLACK HAWK—Dakota Plaster Co. (See Rapid City, S. D.)  
 RAPID CITY—Dakota Plaster Co. United States Gypsum Co. (See Chicago)

**TEXAS.**

ACME—Acme Cement Plaster Co. (See St. Louis, Mo.)  
 American Cement Plaster Co. (See Lawrence, Mass.)  
 HAMLIN—Texas Cement Plaster Co.

**UTAH.**

NEPHI—Nephi Plaster & Mfg. Co. (See Salt Lake City, Utah)  
 SALT LAKE CITY—American Keene Cement Co. (See Sigurd, Utah)  
 Nephi Plaster & Mfg. Co.  
 SIGURD—American Keene Cement Co. Jumbo Plaster & Cement Co.

**VERMONT.**

BELLOWS FALLS—Bellows Falls Pulp Plaster Co. (Pulp)  
 RUTLAND—Rutland Fire Clay Co. ("Rutland," Flexible Asbestos)

**VIRGINIA.**

NORTH HOLSTON—Southern Gypsum Co., ("Cherokee," "King's Mountain," "Boone," "Carara" Cement & Wood Fibre)  
 PLASTERCO—U. S. Gypsum Co. (See Chicago)

RICHMOND—Moore, Warner & Co., 17th

**WASHINGTON.**

SEATTLE—Pioneer Plaster Co.  
 TACOMA—Pacific Coast Gypsum Co. (Plaster of Paris, Hard Wall, Land Plaster, etc)

**WEST VIRGINIA.**

WHEELING—Wheeling Wall Plaster Co.

**WISCONSIN.**

MILWAUKEE—U. S. Gyp. Co., Grove & Oregon (See Chicago)  
 SUPERIOR—U. S. Gypsum Co. (See Chicago)

**WYOMING.**

LARAMIE—Acme Cement Plaster Co. (See St. Louis, Mo.)  
 Overland Cement Plaster Co.

**11041—Plasters Mfrs. (White Trowel Finishing)**

U. S. Gypsum Co. ("Adamant No. IXXX," "Imperial," "Ivory," "Rock," "Universal"), 205 W Monroe, Chicago, Ill.

**11042—Plaster Mfrs. (Wood Fibre)**

Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.  
 U. S. Gypsum Co. ("Alabaster," "Baker," "Big Four," "Flint," "Granite," "Imperial," "Ivory," "Rock," "Zenith"), 205 W Monroe, Chicago, Ill.

**Plaster of Paris Mfrs.**

See Plaster Manufacturers, Calcined

**11043—Plaster Products for Paper Trade**

Keystone Plaster Co., Chester, Pa.  
 U. S. Gypsum Co., 205 W Monroe, Chicago, Ill.

**11044—Plasterers' Steel Corner Beads**

Berger Mfg. Co., Canton, O.  
 Bostwick Steel Lath Co. ("The Bostwick" Hot Galvanized), Niles, O.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Church Appliance Mfg. Co. ("Heinz"), La Salle, Ill.  
 Clark Caster Co. ("Straitedge"), Plainville, Conn.  
 Consolidated Expanded Metal Co.'s ("Steelcrete"), Braddock, Pa.  
 Dexter Metal Mfg. Co. (Also Metal), 93 Arch, Camden, N. J.  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.  
 Gara, McGinley Co. (Woods), 23 S 17th, Phila., Pa.  
 General Fireproofing Co. ("Universal" & "Genfire"), Youngstown, O.  
 Hastings Foundry & Iron Works (Expanded Metal), Hastings, Neb.  
 Knapp Bros. Mfg. Co. ("Imperial," "Protection," "Non-Clip"), 2419 W 14th, Chicago, Ill.  
 Milwaukee Corrugating Co., Milwaukee, Wis.  
 Northwestern Expanded Metal Co. ("Kno-Equal"), Old Colony bldg, Chicago, Ill.  
 Penn Metal Ceiling & Roofing ((Ltd.), 23d & Hamilton, Phila., Pa.  
 Penn Metal Co. ("Penco"), 201 Devonshire, Boston, Mass.  
 Prescott J. B. & Son ("Prescott"), Webster, Mass.  
 Rogers-Shear Co. ("Universal," "National" all kinds), Warren, Pa.

St. Paul Roofing, Cornice & Ornament Co. ("Pruden"), West St. Paul, Minn.  
 Sharon Steel Hoop Co. ("Mahoning," "Parker" Rail Bead, "American" Apron Bead), Sharon, Pa.  
 Sykes Metal Lath & Roofing Co., Niles, O.  
 Trussed Concrete Steel Co., Youngstown, O.  
 Union Metal Corner Co. ("Hannon," "Hospital," "Union," "Hub" & "G. S."), 18 Heath, Boston, Mass.  
 Wicks M. O. Mfg. Co., Glen Cove, N. Y.

**11045 Plastering Fibre**

American Fibre Co., Jacksonville, Fla.  
 Boston Excelsior Co., 30th & North River, New York  
 Fernald Co. ("Giant"), 221 Tehama, San Francisco, Cal.  
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.  
 Whiting E. B. & A. C. Co., Burlington, Vt.

**11046—Plastering Hair**

Armour Curled Hair & Felt Works, 3131 Benson, Chicago, Ill.  
 Bickta Chas. F., 2d & Greenhill av, Wilmington, Del.  
 French Sam'l H. & Co., 4th & Callowhill, Phila., Pa.  
 Grover John D. & Son, Somerset & Tulip, Phila., Pa.  
 Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.  
 Illinois Leather Co., 930 N Halsted, Chicago, Ill.

**11047—Plasters (Medical & Surgical)**

Asceptic Products Co., 237 Borden av, Long Island City, N. Y.  
 Johnson & Johnson, New Brunswick, N. J.  
 Seabury & Johnson, 59 Maiden la, New York  
 Seligman Arthur (Imp), 165 Broadway, New York

**11048—Plate (Aluminum)**

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.  
*See adv index at end of book*

**11049—Plate (Armor)**

Bethlehem Steel Co. (Forged, etc), South Bethlehem, Pa.  
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Midvale Steel Co. (Forged), Nicetown, Phila., Pa.

**Plate (Copper)**

See Plates, Copper

**Plate (Platinum)**

See Platinum, Sheet & Wire

**Plate (Shovel)**

See Steel Shovel Plate

**Plate (Steel Boiler)**

See Iron & Steel Boiler & Tank Plate

**Plate (Steel Fish)**

See Braces, Rail

**Plate (Tack)**

See Steel Tack Plate

**11050—Plateaux (Mirror)**

Baum Chas. (Reflectors for Cut Class), 392 B'way, New York

**11051—Plateaux (Table)**

Gallagher P. J., 24 New Chambers, N. Y.

**11052—Platens (Typewriter)**

Ames & Filstead Co., 508 S Dearborn, Chicago, Ill.  
 Goodrich B. F. Co., Akron, O.

**11053—Platers' Sponge**

Kendrick-Davis Co. ("K-D"), Lebanon, N. H.



**11054—Platers' & Polishers' Supplies**

Apothecaries Hall Co., Waterbury, Conn.  
 Bennett-O'Connell Co., 3600 S Morgan, Chicago, Ill.  
 Burns E. Reed, 27 Jackson, Brooklyn, N. Y.  
 Cleveland Tool & Supply Co., 1427 6th, Cleveland, O.  
 Cocksackie Wheel & Mfg. Co., Cocksackie, N. Y.  
 Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.  
 Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.  
 Electric Smelting & Aluminum Co., Lockport, N. Y.  
 Fansher Bros., Dayton, O.  
 Flavin W. H. & Co., 247 Center, New York  
 Foot Mfg. Co. (Polishing Felts, Buffs, Brushes, etc), 36 Germania av, Jersey City, N. J.  
 General Supply Co., 1122 St. Clair av, Cleveland, O.  
 Gold Walter C., 235 Race, Philadelphia, Pa.  
 Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.  
 Harshaw, Fuller & Goodwin Co. (Chemicals), Electric bldg, Cleveland, O.  
 Hill & Griffith Co., 1248 State av, Cincinnati, O.  
 L'Hommedieu Chas. F. & Sons Co., 24 S Clinton, Chicago, Ill.  
 Lang R. F., 8 Bridge, New York  
 Lyman John R. Co., Springfield, Mass.  
 Munning-Loeb Co., Matawan, N. J.  
 Stevens Frederick B., 3d & Larned, Detroit, Mich.  
 Tolhurst Machine Works (Metal Dryers), Troy, N. Y.  
 Woodison E. J. Co., Detroit, Mich.  
 Zucker George Co., 202 Emmett, Newark, N. J.

**11055—Plates (Amalgamating)**

San Francisco Plating Works ("Silver" Plated Copper), 1349 Mission, San Francisco, Cal.

**11056—Plates (Angle, Adjustable)**

Frederick Machine Works, Norwalk, O.

**11057—Plates (Baffle)**

Meek Oven Co. ("Lawrence" for Gas Stoves), Newburyport, Mass.

**11058—Plates (Base)**

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

**11059—Plates (Baseball Shoe)**

Parker Wire Goods Co., Worcester, Mass.  
 Spalding A. G. & Bros., 126 Nassau, New York

**11060—Plates (Battery)**

National Carbon Co. (Carbon), Cleveland, Ohio  
 United Lead Co. (Lead), 111 B'way, N. Y.

**11061—Plates (Boiler Arch)**

Ryerson Jos. T. & Son, 2553 W 16th, Chicago, Ill.

**11062—Plates (Bolster & Transom)**

Alloy Steel Forging Co., Carnegie, Pa.  
 Harvey Springs Forging Co., Racine, Wis.

**11063—Plates (Bosh)**

Keystone Bronze Co., Pittsburgh, Pa.  
 Lawrenceville Bronze Co., 31st & Penn av, Pittsburgh, Pa.  
 Smeeth-Harwood Co., 2401 W 22d, Chicago, Ill.

**11064—Plates (Box Printing)**

Houchin, Aiken Co., 37 53d, Brooklyn, N. Y.

**11065—Plates (Brazing)**

Phillips-Laffitte Co. ("Laffitte"), Penna. bldg, Phila., Pa.

**11066—Plates (Buckle)**

Cambria Steel Co., Widener bldg, Phila., Pa.  
 Edge Moor Iron Co., Edge Moor, Del.  
 Glasgow Iron Co., Pottstown, Pa.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.

**11067—Plates (Bumper)**

Ireland & Matthews Mfg. Co. (For Plumbers' Wood Work), Detroit, Mich.  
 Kansas City Bolt & Nut Co. (Wrought Iron), Kansas City, Mo.

**11068—\*Plates (Bushing Guide Pipe)**

**GREENFIELD TAP & DIE CORP'N**  
 ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

**Plates (Card & Label)**

*See Holders, Card & Label*

**11069—Plates (Cast Iron Stack)**

**KUTZTOWN FOUNDRY & MACHINE CO.**,  
 1421 Chestnut, Phila., Pa.  
*See adv index at end of book*  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio

**11070—Plates (Center)**

Gould Coupler Co. ("Hartman" Ball Bearing), 30 E 42d, New York  
 Kansas City Bolt & Nut Co. (Forged), Kansas City, Mo.  
 Joliet Railway Supply Co. ("Hartman" Ball Bearing), 4052 Princeton av, Chicago, Ill.  
 National Car Coupler Co., 332 S Michigan av, Chicago, Ill.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 Standard Car Truck Co. ("Barber" Roller Bearing), 332 S Mide av, Chicago, Ill.  
 Steel Car Forge Co. (Drop Forged), Pittsburgh, Pa.  
 Symington T. H. Co. ("Baltimore" Ball Bearing), Rochester, N. Y.  
 Transue & William Steel Forging Corp., Alliance, O.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

**11071—Plates (Cesspool)**

Casey-Hedges Co., Chattanooga, Tenn.  
 Fee & Mason, 81 Beekman, New York  
 Glenn Fred. E., St. Charles, Ill.  
 Jones Hollow Ware Co., Forrest & Madison, Baltimore, Md.

**11072—Plates (Chandelier Shower)**

Friedley-Voshardt Co. (Brass & Copper), 733 S Halsted, Chicago, Ill.

**11073—Plates (Check)**

Ajax Metal Co. ("Ajax Perfecto"), 46 Richmond, Phila., Pa.

**11074—Plates (Chrome Steel)**

Chrome Steel Works (Also Welded), Chrome, N. J.

**11074a—\*Plates (Church Offertory & Collection)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**11075—Plates (Chute)**

Alloy Steel Forging Co., Carnegie, Pa.  
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 Manganese Steel Rail Co. (Manganese Steel Rail), 30 Church, New York

**11076—Plates (Condenser & Supporting)**

**AMERICAN BRASS CO.** (Tobin Bronze), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.

**11077—Plates (Copper)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 National Brass & Copper Co., Lisbon, O.  
 Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*  
 Taunton-New Bedford Copper Co., Taunton, Mass.

**11078—Plates (Core)**

Diamond Clamp & Flask Co. (Asbestos), Richmond, Ind.  
 Wadsworth Core Machine & Equipment Co., Akron, O.

**11079—Plates (Crusher)**

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 Central Foundry Co., Webb City, Mo.  
 Pennington Geo. W. Sons, 1699 Montgomery, San Francisco, Cal.  
 Philadelphia Roll & Machine Co. (Chilled), 23d & Washington av, Phila., Pa.

**11080—Plates (Damper)**

Parker Supply Co., 785 E 135th, New York

**11081—Plates (Deck)**

Sands A. B. & Son Co., 22 Vesey, New York  
 Wilcox, Crittenden & Co., Middletown, Conn.

**11082—Plates (Diamond Draw)**

American Electrical Works, Phillipsdale, R. I.  
 Balloffet-Baszanger Die Co. (Steel Set), 108 Fulton, New York

**11083—Plates (Die, Adjustable)**

**ARMSTRONG MFG. CO.** ("Armstrong"), 278 Knowlton, Bridgeport, Conn.

*See adv index at end of book*

**BORDEN CO. (The)**, Warren, O.

*See adv index at end of book*  
 Hart Mfg. Co. ("Duplex"), Cleveland, O.  
 Jarecki Mfg. Co., Erie, Pa.  
 Toledo Pipe Threading Machine Co. ("Toledo"), 1440 Summit, Toledo, O.  
 Wells F. E. & Son Co. ("O. K.", "Reece"), Greenfield, Mass.

**11084—Plates (Dry)**

American Dry Plate Co., Worcester, Mass.  
 Central Dry Plate Co., 1811 Arsenal, St. Louis, Mo.  
 Cramer G. Dry Plate Co., Shenandoah & Lemp avs, St. Louis, Mo.  
 Defender Photo Supply Co. ("Defender Orthochromatic"), Rochester, N. Y.  
 Eastman Kodak Co. ("Seeds," "Velox"), Rochester, N. Y.  
 Forbes Dry Plate Co., 26 Forbes, Rochester, N. Y.  
 Hammer Dry Plate Co., Ohio av & Miami, St. Louis, Mo.  
 Phenix Plate Co., Worcester, Mass.  
 Shepard Mfg. Co., Worcester, Mass.  
 Straight Dry Plate Co., Jamestown, N. Y.

**11085—Plates (End Gate)**

Griffin Mfg. Co., Erie, Pa.

**11086—Plates (Engravers' Metal)**

American Brass Co., Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 American Steel & Copper Plate Co. (Steel, Copper, Brass & Zinc), 101 Fairmont av, Jersey City, N. J.  
 Crowe Name Plate & Engraving Co., 1749 Grace, Chicago, Ill.  
 N. Y. Steel & Copper Plate Co., 30 Morton, Brooklyn, N. Y.  
 Snyder William H. Co., 247 Centre, New York

**11087—Plates (Expansion)**

Beaton & Cadwell Mfg. Co., New Britain, Conn.  
 General Fire Extinguisher Co., Providence, R. I.  
 Grabler Mfg. Co. (Steel), Cleveland, O.  
 Hoffmann B. Mfg. Co. (Hook & Expansion Plates), 257 6th, Milwaukee, Wis.



National Tube Co., Frick bldg., Pittsburgh, Pa. *See adv index at end of book*  
 Newbury Jas. H., Goshen, N. Y.  
 Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.  
 Walworth Mfg. Co., Boston, Mass.

### 11088— Plates (Felloe)

American Mfg. Co., Chattanooga, Tenn.  
 American Shovel & Stamping Co., Lorain, Ohio  
 Clark W. J. Co., Salem, O.  
 Columbus Bolt Works Co., Columbus, O.  
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel), St. Louis, Mo.  
 Lamson & Sessions Co., Cleveland, O.  
 McKinley Mfg. Co. (Wrought Steel), North Side Pittsburgh, Pa.  
 Sessions J. H. Son, Bristol, Conn.  
 Upson Nut Co., Cleveland, O.  
 Woodruff W. W. & Sons Co., Mt. Carmel, Conn.  
 Wrought Washer Mfg. Co., Milwaukee, Wis.

### 11089— Plates (Filter Press)

Allbright-Neil Co., 5323 Western blvd, Chicago, Ill.  
 American Mfg. Co., Chattanooga, Tenn.  
 Cornell Iron Works, 26th & 11th av, New York  
 Jackson & Church Co., Saginaw, Mich.  
 Moore Sam'l L. & Sons, Elizabeth, N. J.  
 Mundt Chas. & Sons, 53 Fairmont av, Jersey City, N. J.  
 Shriver T. & Co., Harrison, N. J.

### 11090—Plates (Flat & Curved)

Disston Hy & Sons (For Scoring, Cutting & Creasing Presses), Tacony, Phila., Pa.

### 11091—Plates (Floor, Iron & Steel)

American Pressed Steel Co., Commercial Trust bldg, Phila., Pa.  
 Bartholomew M. L. (Pressed Steel, Ribbed & Diamond Pattern), Phoenixville, Pa.  
 Booth J. B. Co., 216 E Robinson, Pittsburgh, Pa.  
 Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.  
 Castle A. M. & Co. (Diamond or Ribbed Rolled Steel), 1300 N Branch, Chicago, Ill.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Froment & Co., 150 Bank, New York  
 Keystone Steel Co. ("Kesco" Open Hearth Wrought Steel, Diamond, Ribbed & Checkered Pattern), Warren, Pa.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 Moorhead Bros. & Co., Sharpsburg, Pa.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Ogden & Wallace (Never Slip Wrought Steel), 577 Greenwich, New York  
 Republic Structural Iron Works Co. (Pressed Steel), E 53d & Lakeside av, Cleveland, O.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

**SNEAD & CO. IRON WORKS (INC.)**, (Cast Iron), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*  
 Townsend Foundry & Machine Shop Co. (Cast Iron), Broadway & Rensselaer, Albany, N. Y.  
*See adv index at end of book*  
 Waterbury Foundry Co., Waterbury, Conn.  
 Wood Alan Iron & Steel Co. ("A. W." Diamond & Ribbed Pattern Rolled Steel), Widener bldg., Phila., Pa.

### Plates (Floor, Wrought Steel)

*See Plates, Floor, Iron & Steel*

### 11092—Plates (Floor & Ceiling)

Beaton & Cadwell Mfg. Co. ("A. J. Beaton's"), New Britain, Conn.  
 Beaton & Corbin Mfg. Co. ("Wells," "B. & C.," "Bishop"), Southington, Conn.  
 Bishop A. T., Southington, Conn.  
 Boekel Wm. & Co., 518 Vine, Phila., Pa.  
 Cheney S. & Son, Manlius, N. Y.  
 Clarke Robt., 98 Schermerhorn, Brooklyn, N. Y.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*

Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.

Crescent Mfg. Co., Bristol, Conn.  
 Cryer T. B. Co. ("O. K."), 249 High, Newark, N. J.  
 Davies & Thomas Co. (Cast Iron, Diamond & Checkered), Catasqua, Pa.  
 Detroit Brass Works, Detroit, Mich.  
 Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.

Donley Bros. Co., E 74th, cor Aetna rd, Cleveland, O.

Eriez Stove & Mfg. Co., Erie, Pa.  
 Exeter Brass Works, Exeter, N. H.  
 Fee & Mason, 81 Beekman, New York  
 Flagg Stanley G. & Co., Morris bldg, Phila., Pa.

Ford & Kendig Co., 312 W 24th, Phila., Pa.  
 Fort Pitt Malleable Iron Co., Thompson & Crawford, Pittsburgh, Pa.

General Fire Extinguisher Co., Providence, R. I.

Glenn Fred E., St. Charles, Ill.  
 Grabler Mfg. Co. (Cold Rolled Steel, Brass, Cast Iron, etc.), Cleveland, O.

Grundy Brass Works, Boston, Mass.  
 Haydenville Co., Haydenville, Mass.

Hays Mfg. Co., Erie, Pa.  
 Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
*See adv index at end of book*

Ireland & Matthews Mfg. Co. (Spun Brass), Detroit, Mich.

Jarecki Mfg. Co. (Cast Iron), Erie, Pa.  
 Kelly & Jones Co. (Cast Iron), 135 Water, Pittsburgh, Pa.

Kupferle John C. Foundry Co., 1st & Wright, St. Louis, Mo.

McNab & Harlin Mfg. Co., 55 John, New York

Magee Valve Co. ("Jumbo"), 105 Beekman, New York

Matthews Mfg. Co. ("Improved"), 104 Gold, Worcester, Mass.

*See adv index at end of book*  
 Modern Iron Works, Quincy, Ill.

**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*

National Tube Co. (Ring & Wall), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*  
 Nelson N. O. Mfg. Co., 10th & Chestnut ("Vosberg") Thimble, St. Louis, Mo.

Newbury Jay H., Goshen, N. Y.

Newbury Mfg. Co., Monroe, N. Y.

Parker Wire Goods Co. ("H. & B." Perfection), Worcester, Mass.

Perkes Chas. (Est. of), 627 Arch, Phila., Pa.

Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.

Ravena Iron Co., Ravena, N. Y.

Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.

Russell W. A. & Co. ("Imperial," "Ajax"), 63 W 37th, New York

Rutzler Enoch Co., 404 E 49th, New York

Schweitzer C. & R., 849 Center, Chicago, Ill.

Simmons John Co. ("Simmons"), 110 Centre, New York

Stearns E. C. & Co. (Celling), 450 Oneida, Syracuse, N. Y.

Walworth Mfg. Co., Boston, Mass.

Waterbury Mfg. Co., Waterbury, Conn.

Wolverine Brass Works, Grand Rapids, Mich.

### 11093— Plates (Follower)

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.

Etna Forge & Bolt Co., House bldg, Pittsburgh, Pa.

Hubbard & Co. (For Car Builders), 63d & Butler, Pittsburgh, Pa.

Kansas City Bolt & Nut Co. (For Car Builders), Kansas City, Mo.

Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.

Steel Car Forge Co., Pittsburgh, Pa.

### 11094— Plates (Gusset)

Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.

Wrought Washer Mfg. Co., Milwaukee, Wis.

### 11095—Plates (Gutter Crossing)

Canton Foundry & Machine Co., Canton, O.

Crescent Novelty Mfg. Co. (and Side-walk), 703 S B'way, St. Louis, Mo.

South Bend Foundry Co. (Cast Iron Corrugated), South Bend, Ind.  
*See adv index at end of book*

### 11096— Plates (Hame Tug)

Frazer & Jones Co. ("Advance"), Syracuse, N. Y.

North & Judd Mfg. Co. ("Perfection"), New Britain, Conn.

### 11097— Plates (Heel)

Crescent Mfg. Co., Richmond, Va.

Laing, Harrar & Chamberlin ("Giles"), 43 N 3rd, Phila., Pa.

National Shoe Plate Mfg. Co., Cleveland, O.

Parry W. B. & Son ("Rondax" Lumbermen's), 200 Seneca, Utica, N. Y.

Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.

Root-Heath Mfg. Co. ("Universal" & "Lion"), Plymouth, O.

Sacks Louis ("Star," "Boston," "Victor," "Union"), Hamburg pl, Newark, N. J.

United Shoe Machinery Co., 205 Lincoln, Boston, Mass.

### 11098— Plates (Hinge)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

Brainerd Mfg. Co., East Rochester, N. Y.

Corbin P. & F., New Britain, Conn.

Penn Hardware Co., Reading, Pa.

Yale & Towne Mfg. Co. (Corner & Center), 9 E 40th, New York

### 11099— \*Plates (Hot)

**GENERAL ELECTRIC CO.** (Electric), Schenectady, N. Y.

*See adv index at end of book*

### 11100— Plates (Index)

Brown & Sharpe Mfg. Co., Providence, R.I.

### 11101— Plates (Joint)

Colorado Fuel & Iron Co., Denver, Col.

Niagara Forged Steel Co., Buffalo, N. Y.

Reading Iron Co., Reading, Pa.

### 11102—Plates (Kick & Push)

Allith-Prouty Co. ("Prouty" Push), Danville, Ill.

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.

Champion Hardware Co., Geneva, O.

Cincinnati Mfg. Co., Cincinnati, O.

*See adv index at end of book*  
 Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*

Corbin P. & F., New Britain, Conn.

**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.

*See adv index at end of book*  
 Enterprise Hardware Mfg. Co., Frederick, Md.

Grammes L. F. & Sons, Allentown, Pa.

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York.

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.

*See adv index at end of book*  
 Jackson Wm. H. Company, 2 W 47th, New York

Janusch Mfg. Co. (Brass or Bronze), 496 E 134th, New York

Kawner Mfg. Co., Niles, Mich.

Meyers Fred J. Mfg. Co., Hamilton, O.

*See adv index at end of book*  
 Newman Mfg. Co., 717 Svcamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

Painesville Metallic Binding Co. (Brass & Galv. Iron), Painesville, O.

Payson Mfg. Co. (Kick), 2918 W Jackson blvd, Chicago, Ill.

Penn Hardware Co., Reading, Pa.

Pittsburgh Brass Mfg. Co. (Brass), Pittsburgh, Pa.

Reading Hardware Co. (Push), Reading, Pa.

Reflector & Hardware Specialty Mfg. Co. (Polished Brass & Bronze), 2235 S Western av, Chicago, Ill.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sager Lock Co. (Door), North Chicago, Ill.

Shelby Spring Hinge Co. (Steel, Solid Bronze & Brass), Shelby, O.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

*See adv index at end of book*  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.



Star Brass Works Co., Kansas City, Mo.  
 Stover Mfg. Co., Freeport, Ill.  
 Taylor & Boggis Foundry Co. (Push),  
 Cleveland, O.  
 Turner Brass Works, Sycamore, Ill.  
 Twentieth Century Brass Works, 231 5th  
 av S, Minneapolis, Minn.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
 Western Brass Mfg. Works (Brass or  
 Bronze), Marshall blvd & W 21st, Chi-  
 cago, Ill.  
 Yale & Towne Mfg. Co., 9 E 40th, New  
 York

**11103—Plates (Leather Embossing)**  
 Fleissner Chas., 121 N. J. R. R. av, New-  
 ark, N. J.  
 Spence Degreasing Co., 26 Av L, Newark,  
 N. J.

**11104—Plates (Letter Drop)**  
 Ajax Hardware Mfg. Co. ("Ajax"), 1100  
 Military rd, Buffalo, N. Y.  
 Corbin P. & F., New Britain, Conn.  
 Eagle Lock Co., Terryville, Conn.  
 Nicol & Co., 218 N Jefferson, Chicago, Ill.  
 Pacific Hardware Mfg. Co., Los Angeles,  
 Cal.

Penn Hardware Co., Reading, Pa.  
 Reading Hardware Co., Reading, Pa.  
 Reading Saddle & Mfg. Co., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain,  
 Conn.  
 Yale & Towne Mfg. Co., 9 E 40th, New  
 York

**11105—Plates (License)**  
 Dorman J. T. W. Co. (Dog & Wagon),  
 526 N Calvert, Baltimore, Md.  
 Niagara Falls Metal Stamping Works  
 Niagara Falls, N. Y.

**11106—Plates (Lock Deck)**  
 Durkee C. D. & Co., 2 South, New York  
 Wilcox, Crittenden & Co. ("Hurlburt,"  
 "Hanson" Patterns), Middletown,  
 Conn.

**11107—Plates (Lock Nut)**  
 Simmons John Co., 110 Centre, New York  
 Torsion Nut Lock & Washer Co. ("Tor-  
 sion"), 141 Milk, Boston, Mass.  
*See adv index at end of book*

**11108—Plates (Locomotive Hub)**  
 Smith Locomotive Adjustable Hub Plate  
 Co. ("Smith" Adjustable), Pittsburg,  
 Kan.

**11109—Plates (Manganese Steel)**  
 Alloy Steel Forging Co., Carnegie, Pa.  
 Manganese Steel Rail Co., 30 Church, New  
 York

**11110—Plates (Match)**  
 Andes E. B. & Co. (Aluminum), Lancas-  
 ter, Pa.  
 Bayer Pattern Plate & Mfg. Co., Cleve-  
 land, O.  
 Goodale Co., Kalamazoo, Mich.  
 Jurack Chas., 201 Oregon, Milwaukee,  
 Wis.  
 Middleditch Benjamin, Detroit, Mich.  
 Molthrop Steel Products Co., Beaver Falls,  
 Pa.  
 Moser Pattern & Foundry Co. (Aluminum),  
 Newark, O.  
 U. S. Match Plate Co., Holyoke, Mass.

**11111—Plates (Mending)**  
 Auer John Jr., (Wrought), 197 Middle-  
 ton, Brooklyn, N. Y.  
 Aurora Door Hanger & Spec. Co., Aurora,  
 Ill.  
 Brewer Bros. Co. (Wrought), 614 Filbert,  
 Phila., Pa.  
 Hager C. & Sons Hinge Mfg. Co. (Wrought  
 Steel), St. Louis, Mo.  
 National Mfg. Co. (Wrought Steel), Ster-  
 ling, Ill.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
**STANLEY WORKS** (Wrought Steel), New  
 Britain, Conn.  
*See adv index at end of book*

**11112—Plates (Number & Letter)**  
 Eagle Lock Co., Terryville, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Moise-Klinkner Co., 1212 Market, San  
 Francisco, Cal.

## Plates (Paper)

See Dishes, Plates, etc, Paper

## 11113—Plates (Perch, Reach & Evener)

Harvey Spring & Forging Co., Racine,  
 Wis.

## 11114—Plates (Pew)

Everett A. & Son, Auburn, N. Y.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Knight H. W. & Son, Seneca Falls, N. Y.  
 Spencer S. M. Mfg. Co., 9 Cornhill, Bos-  
 ton, Mass.

## 11115—Plates (Piano)

Davenport John Co., Stamford, Conn.  
 Fairbanks Co., Springfield, O.  
 Kelly O. S. Co., Springfield, O.  
 Shriver T. & Co., Harrison, N. J.  
 Superior Foundry Co., Cleveland, O.  
 Wenzelman Mfg. Co., Galesburg, Ill.

## 11116—Plates (Pie)

McAleer E. J. & Co., 1422 N 8th, Phila.,  
 Pa.  
 National Mfg. Co. ("Natwire," "Krisp-  
 Krust" Wire), Worcester, Mass.  
 Richardson Mfg. Co. ("Perfection" Tin),  
 Bath, N. Y.

## 11117—Plates (Pie, Wood)

Escanaba Mfg. Co., St. Louis, Mo.  
 Oval Wood Dish Co., Delta, O.

## 11118—Plates (Porcelain Push, Pull, Number, Etc.)

Union Porcelain Works, 300 Eckford,  
 Brooklyn, N. Y.

## 11119-20—\*Plates (Press)

**DELAWARE HARD FIBRE CO.** (Hard  
 Fibre for Powder Mills, etc), Wil-  
 mington, Del. Works: Marshalton,  
 Del. *See adv index at end of book*

## 11121—Plates (Pump)

Card S. W. Mfg. Co., Mansfield, Mass.

## 11122—Plates (Rail Joint)

Lackawanna Steel Co. ("Abbott"), Buf-  
 falo, N. Y.

## 11123—Plates (Rapping)

(For Foundry Use)

Benskin Mfg. Co., Canton, O.  
 Brodin Pattern & Supply Works, 2418 W  
 16th, Chicago, Ill.  
 Cleveland Galvanizing Works Co., Cleve-  
 land, O.  
 Diamond Clamp & Flask Co., Richmond,  
 Ind.  
 Everett A. & Son, Auburn, N. Y.  
 Federal Malleable Co. ("Fraser"), West  
 Allis, Wis.  
 Knight H. W. & Son ("Acme"), Seneca  
 Falls, N. Y.  
 McCormick J. S. Co., 25th & A. V. R. R.,  
 Pittsburgh, Pa.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Shanafelt Mfg. Co., Canton, O.  
 Timmis & Clissold (Malleable Iron), Bound  
 Brook, N. J.  
 Wellman Pattern Supply Co., Cleveland,  
 Ohio.

## 11124—Plates (Screen)

Alloy Steel Forging Co., Carnegie, Pa.  
 American Manganese Steel Co ("Amsco" &  
 "Stag" Brand Manganese Steel), 332 S  
 Michigan av, Chicago, Ill.  
 Fox River Screen Plate Co., Appleton,  
 Wis.  
 Hardy Wm. A. & Sons Co. ("Hardy &  
 Pinder"), Fitchburg, Mass.  
 Johnston & Chapman Co., 2925 Carroll av,  
 Chicago, Ill.  
 Judson & Williams, Holyoke, Mass.  
 Neenah Brass Works, Neenah, Wis.  
 Rice-Barton & Fales Machine & Iron  
 Co. ("Smith"), Worcester, Mass.  
 Rockingham Foundry & Screen Plate Co.,  
 Bellows Falls, Vt.  
 Union Iron Works Co., 20th & Michigan,  
 San Francisco, Cal.  
 Union Screen Plate Co., Fitchburg, Mass.

## 11125—Plates (Sheared)

Allegheny Steel Co. (Steel), Oliver bldg,  
 Pittsburgh, Pa.  
 Carbon Steel Co. (Open Hearth Steel),  
 ft 32d, Pittsburgh, Pa.  
 Carnegie Steel Co. (Open Hearth Steel),  
 Carnegie bldg, Pittsburgh, Pa.  
**CENTRAL IRON & STEEL CO.**, Harris-  
 burg, Pa.  
 Chrome Steel Works (Acid & Basic Open  
 Hearth Steel), Chrome, N. J.  
 Glasgow Iron Co., Pottstown, Pa.  
 Horner W. S. & Co., Oliver bldg, Pitts-  
 burgh, Pa.  
 Illinois Steel Co. (Open Hearth Steel),  
 208 S La Salle, Chicago, Ill.  
 Jones & Laughlin Steel Co. (Steel), Ross,  
 Pittsburgh, Pa.  
 La Belle Iron Works (Basic Open Hearth  
 Steel), Steubenville, O.  
 Lackawanna Steel Co. (Bessemer & Open  
 Hearth Steel), Buffalo, N. Y.  
 Lukens Steel Co. (Open-Hearth Steel),  
 Coatesville, Pa.  
 Tennessee Coal, Iron & Railroad Co.  
 (Open-Hearth Steel), Birmingham,  
 Ala.  
 Worth Bros. Co. (Open Hearth Steel),  
 Coatesville, Pa.

## 11126—Plates (Sill, Carriage)

Searls Mfg. Co., 29 Mulberry, Newark,  
 N. J.

## 11127—Plates (Splice)

Bethlehem Steel Co., S. Bethlehem, Pa.  
 Reading Iron Co., Reading, Pa.

## 11128—Plates (Spring)

American Shovel & Stamping Co. (For  
 Car Tracks), Lorain, O.  
 Pressed Steel Car Co., 307 5th av, Pitts-  
 burgh, Pa.  
 Union Spring & Mfg. Co. (Pressed Steel),  
 New Kensington, Pa.  
 Western Steel Car & Foundry Co., 37 W  
 Van Buren, Chicago, Ill.

## 11129—Plates (Stair)

Hungerford U. T. Brass & Copper Co.  
 (Brass & Zinc), 80 Lafayette, New  
 York  
 Painesville Metallic Binding Co., Paines-  
 ville, Ohio  
 Zenite Metal Co., Indianapolis, Ind.

## 11130—Plates (Steel Buckled)

Glasgow Iron Co. (For Bridges, Build-  
 ings, etc), Pottstown, Pa.

## 11131—Plates (Steel Etching)

Lippert E. T. Saw Co. (Used in Glass  
 Houses for Decorating Glassware),  
 Millvale, Pa.

## 11132—Plates (Strain)

Lanz M. & Sons (For Telegraph Poles),  
 2907 Carson, Pittsburgh, Pa.

## 11133—Plates (Suction Box)

Union Screen Plate Co. (Bronze), Fitch-  
 burg, Mass.

## 11134—Plates (Surface)

Brown & Sharpe Mfg. Co., Providence,  
 R. I.  
 Hub Machine Welding & Contracting Co.  
 ("Acme"), 22d & Race, Phila., Pa.  
 Putnam Machine Co., Fitchburg, Mass.  
 Thurston Mfg. Co. (For Lapping Dies),  
 140 Benedict, Providence, R. I.

## 11135-6—Plates (Switch)

Altoona Iron Co. (Padded), Altoona, Pa.  
 Bethlehem Steel Co. ("Never Slip" Inter-  
 locking), S. Bethlehem, Pa.  
 Connecticut Electric Mfg. Co. (Stamped),  
 Bridgeport, Conn.  
 Logan Iron & Steel Co., Burnham, Pa.  
 Pioneer Corp. (Single, Double & Triple  
 Gang), 1249 W 65th, Chicago, Ill.

## 11137—Plates (Tie, Railroad)

Adreon Mfg. Co. ("Clark" Tenison Set,  
 "Security"), Security bldg, St. Louis,  
 Mo.  
 Atlas Railway Supply Co., 431 S Dear-  
 born, Chicago, Ill.  
 Bethlehem Steel Co., S. Bethlehem, Pa.



Cambria Steel Co., Widener bldg, Phila., Pa.  
 Cleveland Railway Supply Co. ("Clary"), Cleveland, O.  
 Dilworth, Porter & Co. (Ltd.), ("Goldie" Rail Brace, "Gledon" Flange), 4th & Bingham, Pittsburgh, Pa.  
 Easton Car & Construction Co., 4th st, Easton, Pa.  
 Elyria Iron & Steel Co. ("Mc-Kee" Rolled Steel Flanged Shoulder), Cleveland, O.  
 Illinois Steel Co. (Bessemer Steel), 208 S La Salle, Chicago, Ill.  
 Inland Steel Co., First Nat'l Bk bldg, Chicago, Ill.  
**INTERSTATE IRON & STEEL CO.**, 1st Natl. Bk bldg, Chicago, Ill.  
*See adv index at end of book*  
 Kelly-Derby Co. ("Perfect" Combined Rail Brace & Tile Plate), People's Gas bldg, Chicago, Ill.  
 Lackawanna Steel Co., Buffalo, N. Y.  
 National Malleable Castings Co., Cleveland, O.  
 New Era Mfg. Co. (Rail Clamp & Rail Brace Combined), Kalamazoo, Mich.  
 Niagara Forged Steel Co., Buffalo, N. Y.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Otis, Spencer Co. ("Economy" Screw Spike, etc.), 80 E Jackson blvd., Chicago, Ill.  
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.  
 Pratt & Letchworth Co., Buffalo, N. Y.  
 P. & M. Co., 80 E Jackson blvd, Chicago, Ill.  
 Q. & C. Co. ("Q & C"), 90 West, New York  
 Railroad Supply Co. ("Q & W" "Wold-haupter," "Servis," "C A C" Shoulder Flange Flat Bottom Combination"), 203 S Dearborn, Chicago, Ill.  
 Reading Iron Co. (Iron), Reading, Pa.  
 Sellers Mfg. Co. ("Sellers" Anchor Bottom), 332 S Michigan av, Chicago, Ill.  
 Steel Car Forge Co. (Rail Brace), Pittsburgh, Pa.  
 Weir Frog Co., Cincinnati, O.  
 Western Railway Equipment Co. ("Hoerr," Fish Hook), Central Natl Bank bldg, St. Louis, Mo.  
 Wharton Wm. Jr. & Co., Easton, Pa.  
 Whitaker-Glessner Co. ("Economy"), Wheeling, W. Va.

### 11138—Plates (Tie, Reversible)

New Era Mfg. Co. (Anti-Tip & Anti-Creeper), Kalamazoo, Mich.

### 11139—\*Plates (Tobin Bronze)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

### 11140— Plates (Turn)

Starr Bros. Bell Co. (Wrought Bronze), East Hampton, Conn.

### 11141— Plates (Universal)

Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.  
 Carbon Steel Co. (Open Hearth Steel), ft. 32d, Pittsburgh, Pa.  
 Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.  
**CENTRAL IRON & STEEL CO.** (Steel Bridge & Structural), Harrisburg, Pa.  
 Glasgow Iron Co., Pottstown, Pa.  
 Illinois Steel Co. (Bessemer & Open Hearth Steel), 208 S La Salle, Chicago, Ill.  
 Inland Steel Co. (Open Hearth Steel), 1st Nat. Bank bldg, Chicago, Ill.  
 La Belle Iron Works (Basic Open Hearth Steel), Steubenville, O.  
 Lackawanna Steel Co. (Bessemer & Open Hearth Steel), Buffalo, N. Y.  
 Lukens Steel Co. (Open Hearth Steel Plates of All Kinds), Coatesville, Pa.  
 United Alloy Steel Corp. (Basic Open Hearth Steel), Canton, O.  
 Youngstown Sheet & Tube Co. (Bessemer & Open Hearth Steel), Youngstown, O.

### 11142— Plates (Welding)

Century Tool & Metal Co. ("Delmas"), 180 N Market, Chicago, Ill.  
 Chicago Metal Reduction Co. ("Delmar"), 20 W Jackson blvd, Chicago, Ill.

Phillips-Laffitte Co. ("Laffitte" Chemically Weld Iron & Steel), Penna. bldg, Phila., Pa.  
 Rowe Ring-Point Co. ("Ring Point"), Hartford, Conn.

### 11143—Plates (Wire Drawing)

Newman Andrew Co., 26 Cortland, New York  
 Standard Machinery Co. (Adjustable), Providence, R. I.

### 11144— Plates (Zinc)

American Zinc, Lead & Smelting Co., Caney, Kans.  
 Ball Bros. Glass Mfg. Co. (Rolled Zinc), Muncie, Ind.  
 Edes Mfg. Co., Plymouth, Mass.  
 Matthiessen & Hegeler Zinc Co. (Rolled), La Salle, Ill.  
 Phillips Ezra & Sons (Pure Rolled, for Boilers), South Hanover, Mass.

### 11145—Plates & Screws (Leveling)

Wolf Co., Chambersburg, Pa.

### 11146—Platforms (Steel Car)

Commonwealth Steel Co., Pierce bldg, St. Louis, Mo.  
 Gould Coupler Co., 30 E 42d, New York  
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
 National Car Coupler Co., 332 S Michigan av, Chicago, Ill. Works: Attica, Ind.  
 Standard Coupler Co., 30 Church, New York; Works: Bridgeport, Conn.

### 11147— Plating Apparatus

Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.  
 U. S. Electro Galvanizing Co. (Complete Plants), 280 Park av, Brooklyn, N. Y.

### 11148— Plating Works

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 American Nickel Works (Nickel), 555 W Monroe, Chicago, Ill.  
 American Nickeloid Co. (Zinc Sheets & Tin Plates), Peru, Ill.  
 American Tube & Stamping Co. (Nickel, Brass & Copper), Bridgeport, Conn.  
 Arcade Mfg. Co. (Nickel), Freeport, Ill.  
 Auto Plating & Mfg. Co., Cleveland, O.  
 Bastian Bros. Co. (Gold, Silver), Rochester, N. Y.  
 Biddle Gaumer Co. (Electro, Gold, Silver, Nickel, Copper, etc.), 3346 Lancaster av, Phila., Pa.  
 Bliss E. C. Mfg. Co. (Nickel & Brass), 73 Page, Providence, R. I.  
 Boston Brass Co. (Nickel), 135 Bacon, Waltham, Mass.  
*See adv index at end of book*  
 Boston Nickel Plating Co. (Gold, Silver, Brass, Bronze, Black Nickel & Nickel), 160 Portland, Boston, Mass.  
 Bridgeport Metal Goods Mfg. Co. (Nickel & Oxidizing), Bridgeport, Conn.  
 Carroll Bros., 185 Franklin, Boston, Mass.  
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Chicago Hardware Foundry Co., 546 W Washington, N Chicago, Ill.  
 Cincinnati Mfg. Co. (All Kinds), Cincinnati, O. *See adv index at end of book*  
 Connecticut Web & Buckle Co. (Nickel), Bridgeport, Conn.  
 Daggett Galvanizing & Plating Co., Syracuse, N. Y.  
 Dayton Plating & Mfg. Co., Dayton, O.  
 Delaware Marine Mfg. Co. (Brass & Bronze), B. & O. R. R. & Conrd., Wilmington, Del.  
 Detlaff A. J. Co., Detroit, Mich.  
 Devlin Thos. Mfg. Co. (Electro Plating in Gold, Silver, Nickel, Brass & Bronze), 3d & Lehigh av, Phila., Pa.  
 Domestic Plating Works Co., 1121 Washington blvd, Chicago, Ill.  
 Drapery Hardware Mfg. Co., 87 35th, Brooklyn, N. Y.  
 Eagle Metal Works (Nickel, etc.), 127 Purchase, Boston, Mass.  
 Economy Gas Lamp Co. (Brass, Copper & Bronze), Kansas City, Mo.  
 Edstrand & Olson (Nickel, etc), 159 N Jefferson, Chicago, Ill.  
 Edwardsville Brass Co. (Nickel, Electro, etc), Edwardsville, Ill.

Empire Nickel Plating Works, Troy, N. Y.  
 Enterprise Brass & Plating Co., 6th & Baymiller, Cincinnati, O.  
 Excelsior Brass Works (Gold, Silver, Brass, Nickel, Copper & Oxidizing), Reading, Pa.  
 Excelsior Nickel Plating Works (Nickel, Brass & Copper), 40 Clifford, Providence, R. I.  
 Flavin W. H. & Co. (Nickel & Brass), 247 Centre, New York  
 Frank Sani-Cover Supply Co. (Silver & Nickel), Cambridge, Mass.  
 Frazer & Jones (Nickel, Brass & Copper), Syracuse, N. Y.  
 Fries A. G. Plating Co. (Plating & Polishing), 200 Terrace, Buffalo, N. Y.  
 Fries & Co., 91 Main, Buffalo, N. Y.  
 Genesee Plating Works, Rochester, N. Y.  
 Giles & Nielsen Nickel Works (Nickel, Copper, Brass & Silver), Troy, N. Y.  
 Globe Machine & Stamping Co. (Nickel, Brass, Copper, Zinc, Silver, etc), 1250 W 76th, Cleveland, O.  
 Globe Nickel Plating Co. (Nickel), 15 Chardon, Boston, Mass.  
 Grammes L. F. & Sons (Nickel, Brass, Copper, etc), Allentown, Pa.  
 Gray Iron Foundry Co. (All Kinds), Reading, Pa.  
 Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.  
 Hassell John (Inc.), (Nickel, Brass, Copper, Silver, etc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hopson & Chapin Mfg. Co., New London, Conn.  
 Howard Jas. L. & Co. (Brass, Bronze, Silver & Nickel), Hartford, Conn.  
 Imperial Brass Mfg. Co. (Gold, Nickel, Silver, etc), 524 S Racine av, Chicago, Ill. *See adv index at end of book*  
 Ingraham A. S. Co. (Nickel, Silver, etc), Attleboro, Mass.  
 John's Stamping & Machine Works Co., Cleveland, O. *See adv index at end of book*  
 Kalamazoo Plating Works (Copper, Brass & Nickel), Kalamazoo, Mich.  
 Kienzie Wm. F. (Gold, Silver, Oroide, Brass & Nickel), 4855 N Paulina, Chicago, Ill.  
 Kleeman L. F. Mfg. Co. (Nickel, etc), 1923 Central, Kansas City, Mo.  
 Konigsloew E Stamping & Tool Works (Electro Nickel, Copper, Brass, Bronze), Cleveland, O.  
 Loeffelholz Co. (Silver & Nickel), Milwaukee, Wis.  
 Matthews H. A. Mfg. Co. (Nickel, Copper & Brass, Seymour, Conn.  
 Matthews Mfg. Co. (Brass, Copper & Nickel), 104 Gold, Worcester, Mass.  
*See adv index at end of book*  
 Miller J. Walter Co., Lancaster, Pa.  
 Mills Wm. J. (Gold, Silver & Nickel Plating), 198 Roebing, Brooklyn, N.Y.  
 Mohegan Tube Co. (Nickel, Brass & Copper), Meserole, Seneca & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*  
 National Cycle & Mfg. Co. (Plating & Polishing in All Metals), Bay City, Mich.  
 National Mfg. & Electro Plating Co. (All Metals), 16 Calender, Providence, R. I.  
 Naugatuck Mfg. Co. (Copper Depositing), Naugatuck, Conn.  
 Nehls Barney, Detroit, Mich.  
 New Acme Plating Co. (Gold, Silver, Nickel, Brass & Copper), 59 Page, Providence, R. I.  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*  
 New York Nickel Plating & Mfg. Co. (Nickel, Brass, Bronze & Copper), 327 E 63d, New York  
 Nicol & Co., 218 N Jefferson, Chicago, Ill.  
 North & Judd Mfg. Co. (Gold, Silver, Brass, Copper & Nickel), New Britain, Conn.  
 Norwich Nickel & Brass Co. (Nickel, Copper & Silver), Norwich, Conn.  
 Pfeiffers John Plating Works, Syracuse, N. Y.  
 Philadelphia Hardware & Malleable Iron Works, 9th & Jefferson, Phila., Pa.  
 Providence Electrotyping & Plating Works (Gold, Brass, Silver, Copper & Nickel), 78 Friendship, Providence, R. I.  
 Racine Malleable & Wrought Iron Co. (Nickel, etc.), Racine, Wis.  
 Reed & Prince Mfg. Co. (Nickel), Brass & Copper, Worcester, Mass.



Rockford Metal Specialty Co., Rockford, Ill.  
 Roesch Bros. Plating Works (Nickel, Brass & Copper), Belleville, Ill.  
 Schatz Mfg. Co. (Plating, Polishing, etc), Poughkeepsie, N. Y.  
 Seneca Brass & Plating Works, Utica, N. Y.  
 Sessions J. H. & Son (Brass, Nickel & Bronze Plating & Polishing), Bristol, Conn.  
 Snow Wire Works Co., Rochester, N. Y.  
 Southern Brass Mfg. & Plating Co., Houston, Tex.  
**SPENCER'S I. S. SONS (Inc.)**, Nickel, Brass, etc), Guilford, Conn.  
 Standard Plating Works, York, Pa.  
 Star Nickel Plating Works, 232 N 5th, Phila., Pa.  
 Strater Herman & Sons (Gold, Silver & Nickel), 74 Sudbury, Boston, Mass.  
 Turner Brass Works, Sycamore, Ill.  
 Two Rivers Plating Works, Two Rivers, Wis.  
 Union Polishing & Plating Co., Rochester, N. Y.  
 Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.  
 Weiskittel A. & Son Co. (Nickel Platers, Enamellers, etc), 12th & E Lombard, Baltimore, Md.  
 West Side Foundry Co. (Nickel), Troy, N. Y.  
 Wisconsin Foundry & Steel Works (Nickel & Copper), Cedar Grove, Wis.  
**WRIGHT WIRE CO.** (All Kinds of Plating), Worcester, Mass.  
*See adv index at end of book*

#### 11149—Platinoid (Non-Fusing)

Manhattan Dental Co., Times bldg, New York

#### 11150 Platinum

American Platinum Works (Specialties), Oliver & N J R R av, Newark, N. J.  
 Austin John & Son (Refined), 74 Clifford, Providence, R. I.  
 Baker Geo. M. Co. (Refiners), 91 Page, Providence, R. I.  
 Baker & Co. (Special Shape), 54 Austin, Newark, N. J.  
 Bender Hy, 42 Walnut, Newark, N. J.  
 Bishop J. & Co. (Refiners & Melters, Wire, Plate, Tubes & Special Shapes), Malvern, Pa.  
 Commercial-Research Co. (Refiners), Jackson av & Hopewell, Long Island City, N. Y.  
 Goldsmith Bros. Smelting & Refining Co., Heyworth bldg, Chicago, Ill.  
 Gulterman, Rosenfeld & Co. (Imp.), 35 S William, New York  
 Roessler & Hasslacher Chemical Co. (Jobbers), 100 William, New York  
 Whipple & Campbell Co., 488 S Main, Providence, R. I.

#### 11151—Platinum Chloride

Drakenfeld B. F. & Co., 50 Murray, New York

#### 11152—Platinum Crucibles & Dishes

American Platinum Works, Oliver & N J R R av, Newark, N. J.  
 Bishop J. & Co., Malvern, Pa.

#### 11153—Platinum Foil

American Platinum Works (Very Soft), Oliver & N J R R av, Newark, N. J.  
 Bender Henry, 42 Walnut, Newark, N. J.

#### 11154—Platinum Gauze

American Platinum Works, Oliver & N J R R av, Newark, N. J.  
 Commercial-Research Co., Jackson av & Hopewell, Long Island City, N. Y.

#### 11155—Platinum (Imitation)

Manhattan Dental Co. ("Platinoid"), Times bldg, New York

#### 11156—Platinum-Iridium Balls

American Platinum Works, Oliver & N J R R av, Newark, N. J.  
 Bender Hy, 42 Walnut, Newark, N. J.  
 Commercial-Research Co., Jackson av & Hopewell, Long Island City, N. Y.

#### 11157—Platinum Melting Outfits (Jewelers' & Refiners')

Jewelers' Technical Advice Co., 14 John, New York

#### 11158—Platinum Sheet & Wire

American Platinum Works (Soft & Hard), Oliver & N J R R av, Newark, N. J.  
 Baker & Co. (Also Iridio Platinum), 54 Austin, Newark, N. J.  
 Bender Hy, 42 Walnut, Newark, N. J.  
 Bishop J. & Co., Malvern, Pa.  
 Commercial-Research Co., Jackson av & Hopewell, Long Island City, N. Y.

#### Platnide

*See Platinum, Imitation*

#### 11159—Playground & Gymnasium Equipment

American Playground Device & Swing Co., Terre Haute, Ind.  
 Ashland Mfg. Co., Ashland, O.  
 Everwear Mfg. Co., Springfield, O.  
 Health Merry Go-Round Co., Quincy, Ill.  
 Hellenberg J. B. Co. (Indoor Wood Sporting Goods), Coldwater, Mich.  
 International Gymnasium Supply Co., Springfield, Mass.  
 Medart Fred Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Narragansett Machine Co. ("Standard"), Providence, R. I.  
 Safety First Supply Co. ("Diamond"), Hartje Office bldg, Pittsburgh, Pa.  
 Spalding A. G. & Bros., 126 Nassau, New York  
 Tothill W. S., 1815 Webster av, Chicago, Ill.

#### 11160—Playing Card Mfrs.

Dougherty Andrew, 432 4th av, New York  
 New York Consolidated Card Co., 4th & Webster av, Long Island City, N. Y.  
 Russell Playing Card Co., Milltown, N. J.  
 Standard Playing Card Mfg. Co. ("Standard"), 345 W Austin, Chicago, Ill.  
 U. S. Playing Card Co. ("Bicycle," "Congress"), Park av, Norwood, Cincinnati, O.

#### 11161—Pliers (Belt)

Manufacturers' Belt Hook Co. ("L-X"), 113 N Green, Chicago, Ill.

#### 11162—Pliers (Burner)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Curtiss Geo. L. & Co., Southington, Conn.  
 Danielson J. P. & Co., Jamestown, N. Y.

#### 11162a—Pliers (Combination)

*See also Pliers & Nippers*

Herbrand Co., Fremont, O.  
 Mechanical Specialties Co. ("Pease"), 122 So Michigan av, Chicago, Ill.  
 Syracuse Twist Drill Co. ("Hero" & "Syracuse"), Borden av, Syracuse, N. Y.  
*See adv index at end of book*

#### 11163—Pliers (Expansion)

**STARRETT L. S. CO.** ("Starrett" Drop Forged), Athol, Mass.  
*See adv index at end of book*

#### 11164—Pliers (Fencing)

Bonner Tool Co. ("Victor" Drop Forged), Champaign, Ill.  
 Bridgeport Hardware Mfg. Corp. ("Bridgeport" Fence Plier & Staple Puller), Bridgeport, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Crescent Tool Co., 200 Harrison, Jamestown, N. Y.  
 Cronk & Carrier Mfg. Co. ("Cronk's" Staple Puller), Elmira, N. Y.  
 Irvington Mfg. Co., Irvington, N. J.  
 Kilborn & Bishop Co. ("K. & B."), New Haven, Conn.  
 McKaig Drop Forge Co., Buffalo, N. Y.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.

**SMITH & HEMENWAY CO.** ("Red Devil," Drop Forged), 76 Chambers, New York *See adv index at end of book*  
 Utica Drop Forge & Tool Co., Utica, N. Y.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

#### 11165—Pliers (Gas)

Barcalo Mfg. Co. (Combination), Buffalo, N. Y.  
 Barnett Oscar Foundry Co. ("Barnett"), Irvington, N. J.  
 Bernz Otto, 21 Ashland av, Newark, N. J.  
 Bonner Tool Co. ("Victor," Drop Forged), Champaign, Ill.  
 Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*  
 Clark A. N. & Son, Plainville, Conn.  
 Crescent Tool Co. ("Simplex," "Cee Tee Co.," "Crescent," "Motor Kit" Universal & Thin Bent Nose, Combination Drop Forged Gas, Pliers, Wire Cutter, Wrench & Screw Driver), 200 Harrison, Jamestown, N. Y.  
 Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 Danielson J. P. & Co., Jamestown, N. Y.  
 Erie Tool Works (Combination), Erie, Pa.  
 Gray Iron Foundry Co., Reading, Pa.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Herbrand Co., Fremont, O.  
 Irving Mfg. & Tool Co., 157 Chambers, New York  
 Johnson Wm., Newark, N. J.  
 Kreauter & Co., 583 18th av, Newark, N. J.  
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
 McKaig Drop Forge Co., Buffalo, N. Y.  
 Osborne C. S. & Co., Harrison, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Reading Saddle & Mfg. Co. ("Reading" Household), Reading, Pa.  
 Reed Mfg. Co., Erie, Pa.  
 Rocky Hill Hardware Co., Rocky Hill, Conn.  
 Rubber Insulated Metals Corp. (Insulated), Plainfield, N. J.  
 Schollhorn Wm. Co., New Haven, Conn.  
 Smith & Egge Mfg. Co. ("S. & E. M. Co."), Bridgeport, Conn.  
**SMITH & HEMENWAY CO.** ("Red Devil," Drop Forged), 76 Chambers, New York *See adv index at end of book*  
 Standard Shoe Machinery Co., Lawrence, Mass.  
 Syracuse Twist Drill Co. ("Hero" & "Syracuse"), Borden av, Syracuse, N. Y.  
*See adv index at end of book*  
 Utica Drop Forge & Tool Co., Utica, N. Y.  
 U. S. Lock & Hardware Co., Columbia, Pa.  
 Vaughan & Bushnell Mfg. Co. ("V. & B." Center), 2114 W Carroll av, Chicago, Ill.  
 Walworth Mfg. Co., 798 1st, Boston, Mass.  
 Washington Tool Co., Owatonna, Minn.  
 Williams A. C. Co., Ravenna, O.

#### 11166—Pliers (Glass Cutters')

Krauter & Co., 583 18th av, Newark, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn.

**SMITH & HEMENWAY CO.**, 76 Chambers, New York *See adv index at end of book*  
 Stortz Jno & Son, 210 Vine, Phila., Pa.

#### 11167—Pliers (Lead Pipe Expanding)

Anderson Wrench Co., Portland, Conn.  
 Yonts C. H. & Co., Meadville, Pa.

#### 11168—Pliers (Lineman's)

Bonner Tool Co. ("Victor"), Champaign, Ill.  
 Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.  
*See adv index at end of book*  
 Columbus Handle & Tool Co., Columbus, Ind.  
 Crescent Tool Co. ("Crescent" Drop Forged), 200 Harrison, Jamestown, N. Y.  
 Cronk & Carrier Mfg. Co. (Insulated & Non-Insulated), Elmira, N. Y.  
 Dicke Tool Co., Downers Grove, Ill.



Irving Mfg. & Tool Co., 157 Chambers, New York  
 Irvington Mfg. Co., Irvington, N. J.  
 Kilborn & Bishop Co., New Haven, Conn.  
 Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.  
 McKaig Drop Forge Co., Buffalo, N. Y.  
 Osborne C. S. & Co., Harrison, N. J.  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Peck, Stowe & Wilcox Co. (Mica Handle), Southington, Conn.  
 Robinson M. W. Co. ("Klein" Pattern), 203 37th, Brooklyn, N. Y.  
 Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.  
**SMITH & HEMENWAY CO.** ("Red Devil," Drop Forged), 76 Chambers, New York *See adv index at end of book*  
 Utica Drop Forge & Tool Co., Utica, N. Y.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

### 11169-70—Pliers (Piano Makers')

Krauter & Co., 583 18th av, Newark, N. J.

### Pliers (Pressed Steel)

See Pliers & Nippers

### 11171—Pliers (Wire Skinning)

Klein Mathias & Sons ("Goodridge"), 562 W Van Buren, Chicago, Ill.

### 11172— Pliers & Nippers

See also Clinchers; also Pliers, Gas

Athol Machine Co. (Combination Pliers, etc), Athol, Mass.  
 Barcalo Mfg. Co. (Adjustable Combination Pliers), Buffalo, N. Y.  
 Barnett Oscar Foundry Co. (Combination Pliers, etc), Irvington, N. J.  
 Bergman Tool Manufacturing Co. (Pliers Only, Combination), Buffalo, N. Y.  
 Bernz Otto (Cutting, Combination, etc), 21 Ashland av, Newark, N. J.  
 Billings & Spencer Co. ("B. & S." Cutting Combination, Gas, etc), Hartford, Conn.  
 Bonner Tool Co. ("Victor" Combination & Wire Plier & Cutter), Champaign, Ill.  
 Bonney Vise & Tool Works (Combination Pliers), Allentown, Pa.  
*See adv index at end of book*  
 Bridgeport Hardware Mfg. Corp. ("Keyes" Solid Steel), Bridgeport, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Cincinnati Tool Co. (Combination Pliers, etc), Norwood, Cincinnati, O.  
*See adv index at end of book*  
 Crescent Tool Co. ("Crescent," "Simplex" Drop Forged Combination Gas Pliers, Wire Cutter & Screw Driver Combined), 200 Harrison, Jamestown, N. Y.  
 Cronk & Carrier Mfg. Co. (Combination Pliers), Elmira, N. Y.  
 Curtiss Geo. L. Co. (Slip Joint, Round Nose, & Cutting Pliers), Southington, Conn.  
 Danielson J. P. & Co. (Side Cutting Combination Pliers Only), Jamestown, N. Y.  
 Dicke Tool Co. (Combination, Wireman's, etc), Downers Grove, Ill.  
 Dudley Tool Co., Menominee, Mich.  
 Goodell-Pratt Co. (Combination Pliers), Greenfield, Mass.  
 Grey Iron Casting Co. (Auto & Gas Pliers & Wire Nippers, etc), Mt. Joy, Pa.  
 Herbrand Co. (Combination Pliers, Wire Cutter & Screw Drivers), Fremont, O.  
 Higganum Hdw. Co. ("Acme"), Higganum, Conn.  
 Hjorth Wm. & Co. (Also Pocket Pliers, "Hjorth" Bent Nose Pliers and Combination Pliers), Jamestown, N. Y.  
 Irving Mfg. & Tool Co. ("Button's" Combination Pliers), 157 Chambers, New York  
 Irvington Mfg. Co. ("Irvington" & "Red Devil"), Irvington, N. J.  
 Kilborn & Bishop Co. (Forged Combination & Gas Pliers), New Haven, Conn.  
 Krauter & Co. (Combination), 583 18th av, Newark, N. J.  
 McKaig Drop Forge Co. (Combination Line Cutter), Buffalo, N. Y.  
 Mechanical Specialties Co. (Combination Pliers & Cutting Nippers), 122 So Michigan av, Chicago, Ill.

Mossberg Frank Co. ("Diamond," "Sterling" Slip Joint Pliers), Attleboro, Mass.  
 Osborne C. S. & Co. (Gas, Saddlers', etc), Harrison, N. J.  
 Oswego Tool Co. (Pease Combination Pliers, etc), Oswego, N. Y.  
 Peck, Stow & Wilcox Co. (Round & Flat Nose, etc), Southington, Conn.  
 Reed Mfg. Co. (Combination Gas Pliers, Erie, Pa.  
 Robinson M. W. Co. ("Klein" Pattern), 203 37th, Brooklyn, N. Y.  
 S. & I. Co. ("Never Break," Nickel or Black Finish Pliers), Springfield, Mass.  
 Sayre L. A. Co. ("Hercules," "Champion" Fence Pliers), 332 Mulberry, Newark, N. J.  
 Schollhorn Wm. Co. ("Bernard's," "Paragon," Pliers & Nippers Combined), New Haven, Conn.  
 Smith H. D. & Co. ("Enchased Joint," Slotcutting Pliers), Plantsville, Conn.  
 Smith Otis A. (Side Cutting), Rockfall, Conn.  
**SMITH & HEMENWAY CO.** ("Red Devil," Drop Forged), 76 Chambers, New York. *See adv index at end of book*



### "Red Devil" Pliers

comprise a complete line for Linemen, Electricians and all mechanics. Made of highest grade drop-forged steel and unconditionally guaranteed.

**Smith & Hemenway Co., Inc.**

76 Chambers St., New York City

Manufacturers of "Red Devil" Glass Cutters, Bits, Hack Saws, Snips, Screwdrivers, etc.

Standard Shoe Machinery Co., Lawrence, Mass.  
 Syracuse Twist Drill Co. ("Hero" & "Syracuse" Combination), Borden av, Syracuse, N. Y.  
*See adv index at end of book*  
 Thomson Drop Forge Co. (Combination Pliers, etc), Plantsville, Conn.  
 U. S. Lock & Hardware Co. (Adjustable), Columbia, Pa.  
 Utica Drop Forge & Tool Co. (Cutting, etc), Utica, N. Y.  
 Walworth Mfg. Co. (Gas, etc), Boston, Mass.  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hardware Co. (Gas & Nose Pliers), Wrightsville, Pa.

### 11173— Plow Beams (Steel)

Buffalo Steel Co. (Bessemer), Tonawanda, N. Y.  
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Empire Plow Co., Cleveland, O.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Illinois Steel Co., 203 S La Salle, Chicago, Ill.  
 Interstate Iron & Steel Co. (High Carbon Steel), 1st Natl Bank bldg, Chicago, Ill. *See adv index at end of book*  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Republic Iron & Steel Co., Youngstown, O.  
 Shunk Plow Co., Bucyrus, O.

### 11174—Plow Beams (Wood)

Galloway Kennedy Co., Clarendon, Ark.  
 Peckinpough, Harrison & Co., Alton, Ind.

### 11175— Plow Coulters

Avery B. F. & Sons ("Moon" Knife & Rolling), Louisville, Ky.  
 Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Brinly Hardy Co. (Rolling), Louisville, Ky.  
 Buckeye Mfg. Co. ("Buckeye" Rolling), Canton, O.  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Case J. I. Plow Works, Racine, Wis.

Clayton John Plow Co. ("Universal"), Minneapolis, Minn.  
 Collins Plow Co., Quincy, Ill.  
 Empire Plow Co., Cleveland, O.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Gale Mfg. Co. ("Gale"), Albion, Mich.  
 Galesburg Coulter Disc Co. ("Sandoval," "Gaylord"), Galesburg, Ill.  
 Hartman Mfg. Co. ("Acme" Jr., "Acme Improved" & Sr.), Vincennes, Ind.  
 Hench & Dromgold Co., York, Pa.  
 Herschel R. Mfg. Co., Peoria, Ill.  
 La Crosse Plow Co. ("La Crosse," "Jointer"), La Crosse, Wis.  
 Mason F. C. & Co., St. Johns, Mich.  
 Moline Plow Co. ("New Universal" Roller), Moline, Ill.  
 Moore C. H., Toledo, O.  
 Noll Bros., 849 Allis, Milwaukee, Wis.  
 Ohio Cultivator Co. ("Bissell," "Ohio"), Bellevue, O.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Owensboro Shovel & Tool Co., Owensboro, Ky.  
 Racine-Sattley Co. ("Sattley"), Springfield, Ill.  
 Rock Island Plow Co. ("Universal," "Rock Island"), Rock Island, Ill.  
 South Bend Chilled Plow Co., South Bend, Ind.  
 Sparta Plow Works ("Crothers," "Adjustable"), Sparta, Ill.  
 Star Coulter Co. ("Star"), Canton, O.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Thompson J. Plow Works, Beloit, Wis.  
 Weyburn Co. ("Ideal" Rolling), Rockford, Ill.  
 Willis Mfg. Co., Mendota, Ill.

### 11176— Plow Jointers

Buckeye Mfg Co., Canton, O.  
 Noll Bros., 849 Allen, Milwaukee, Wis.  
 Oliver Chilled Plow Works, South Bend, Ind.

### 11177— Plow Mfrs.

Adams S. & Son, Rome, N. Y.  
 Allen Chas. G. Co., Barre, Mass.  
 American Road Machinery Co., Kennett Sq., Pa.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Arnold's G. W. Son, Ionia, Mich.  
 Aughe Plow Co., Dayton, O.  
 Avery B. F. & Sons (Chilled Steel), Louisville, Ky.  
 Babcock Mfg. Co., Leonardsville, N. Y.  
 Bailey E. M. & Son, Leraysville, Pa.  
 Barnes Mfg. Co., Lanesburg, Pa.  
 Becholt Geo. E., Urbana, O.  
 Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Billups C. Son & Co. "Champion," "Climax," "New Era", Norfolk, Va.  
 Blount Plow Works, Evansville, Ind.  
 Bono Plow Co., Bono, Ark.  
 Bostick Stove Co., Lapeer, Mich.  
 Bradley P. & Sons, Harrisonburg, Va.  
 Brillion Iron Works, Brillion, Wis.  
 Brinly Hardy Co. (Hand Welded Steel Point), Louisville, Ky.  
 Bronson Wm. & Hy. ("Roxbury," "Southbury" Walking), Roxbury, Conn.  
 Brown-Manly Plow Co., Malta, O.  
 Brown Mfg. Co., Zanesville, O.  
 Bryan Plow Co., Bryan, O.  
 Bucher & Gibbs Plow Co. (Chilled Steel Combination), Canton, O.  
 Burch Plow Works Co. (Wood Beam Steel Road), Crestline, O.  
 Call-Watt Co. ("Watt"), Richmond, Va.  
 Cambridge Steel Plow Co. (Chilled), Cambridge, N. Y.  
 Case J. I. Plow Works, Racine, Wis.  
 Caward R. S., Cresco, Iowa  
**Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.**  
 Chattanooga Plow Co. ("Chattanooga" Chilled), Chattanooga, Tenn.  
 Clore Wm. H. Mfg. Co. ("Star"), Washington, Ind.  
 Collins Co. (Gang & Wheel Walking), Collinsville, Conn.  
 Collins Plow Co. (Walking or Riding), Quincy, Ill.  
 Columbia Plow Works (Chilled), Copake Falls, N. Y.  
 Cutaway Harrow Co., Higganum, Conn.  
 Dakota Plow & Wagon Co., Sioux Falls, S. D.  
 Deere & Co., Moline, Ill.  
 Disc Grader & Plow Co., Andrus bldg, Minneapolis, Minn.



Donaldson Bros. (Steel & Wood Rim), Mount Clemens, Mich.  
 Dutton E. Q. & Co. (Walking), Cato, N. Y.  
 Eagle Hay Press & Implement Co., Muskogee, Okla.  
 Eddy W. Plow Co., Greenwich, N. Y.  
**Emerson-Brantingham Co. ("Emerson")**, Rockford, Ill.  
 Empire Plow Co. (Middleburster & Pantier Bottom), Cleveland, O.  
 Evans B. A., Hammond, N. Y.  
 Fair Geo. & Son, Blaine, Mich.  
 Fairfield Plow Works, North Fairfield, O.  
 Farquhar A. B. Co. (Ltd.), (Chilled), York, Pa.  
 Fonda F. A., East Galway, N. Y.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Fresno Agricultural Works, Fresno, Cal.  
 Gale Mfg. Co. (3-Wheel Sulky, 3-Wheel Gang, Riding, & One, Two & Three-Horse Walking), Albion, Mich.  
 Gantt Mfg. Co., Macon, Ga.  
 Glasgow Fred, Fond Du Lac, Wis.  
 Godfrey H. M. (Walking), Jonesburg, Mo.  
 Good Roads Machinery Co., Fort Wayne, Ind.  
 Gowanda Agricultural Works (Steel), Gowanda, N. Y.  
 Grand Detour Plow Co. (Listing), Dixon, Ill.  
 Greenville Implement Co., Greenville, Mich.  
 Hall Jas. H. Plow Co., Maysville, Ky.  
 Hamachek Frank, Kewaunee, Wis.  
 Hamburg Plow Works, Hamburg, Pa.  
 Hapgood Plow Co., Alton, Ill.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Hartig-Becker Plow Co., Evansville, Ind.  
 Hunter Chas. E., Farmers' Friend Plow Works, Fredericksburg, Va.  
 Hussey Plow Co., N. Berwick, Me.  
 Janesville Machine Co., Janesville, Wis.  
 Kaster P. M., Rimersburg, Pa.  
 Kelly G. A. Plow Co., Longview, Tex.  
 Kennehan P. E., Brasher Falls, N. Y.  
 Kerns T. A., Sutherland, Va.  
 Keystone Farm Machine Co., York, Pa.  
 La Crosse Plow Co., La Crosse, Wis.  
 Leader Plow Co., Staunton, Va.  
 Lehr Agricultural Co., Fremont, O.  
 Leroy Plow Co., Leroy, N. Y.  
 Logan Foundry & Machine Co., Logan, O.  
 Lynchburg Foundry Co. (Chilled Walking), Lynchburg, Va.  
 Lyon Iron Works, Greene, N. Y.  
 McDonnell Foundry & Machine Co., Jackson, Mich.  
 Madison Plow Co., Madison, Wis.  
 May Wm. H. & Son, Alexandria, Va.  
 Moline Plow Co., Moline, Ill.  
 Monmouth Plow Factory, Monmouth, Ill.  
 Moore Plow & Implement Co. (Walking), Greenville, Mich.  
 Munnsville Plow Co., Munnsville, N. Y.  
 Murkland John W. Co., Barton, Vt.  
 Ohio Cultivator Co., Bellevue, O.  
 Oliver Chilled Plow Works (Chilled & Steel), South Bend, Ind.  
 Painter & Frankland, Albion, Ill.  
 Parlin & Orendorff Co. ("P. & O. Canton"), Canton, O.  
 Pattee Plow Co., Monmouth, Ill.  
 Peek's S. H. Sons (Steel), East Aurora, N. Y.  
**Peppler Thos. Son & Co. ("Riggs" Improved), Hightstown, N. J.**  
 Perfection Chilled Plow Co., South Bend, Ind.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Racine-Sattley Co., Springfield, Ill.  
 Ripson Wm. & Son, Youngstown, N. Y.  
 Rockford Mfg. Co., Rockford, Ill.  
 Rock Island Plow Co. (Chilled & Steel), Rock Island, Ill.  
 Rowell I. B. Co. (Riding or Walking), Waukesha, Wis.  
 Rubottom Plow Factory, Felton, Cal.  
 Sanders, Newell Plow Co., Chattanooga, Tenn.  
 Sargent, Osgood & Roundy Co., Randolph, Vt.  
 Shaw H. C. Co., Stockton, Cal.  
 Shunk Plow Co., Bucyrus, O.  
 Smalley Mfg. Co., Manitowoc, Wis.  
 Smith & Sons Mfg. Co., Kansas City, Mo.  
 South Bend Chilled Plow Co. (Chilled), South Bend, Ind.  
 Southern Plow Co., Columbus, Ga.  
 Southern Plow Co., Dallas, Tex.  
 Spalding-Robbins Disc Plow Co., 625 Market, San Francisco, Cal.  
 Sparta Plow Works, Sparta, Ill.  
 Spinner Ed. F., Ava, Ill.  
 Starke's Dixie Plow Works, Richmond, Va.  
 Stoughton Wagon Co., Stoughton, Wis.  
 Stroker Fritz C. & Son, Olney Mo.

Stroud Thos. F. & Co., Omaha, Neb.  
 Sturgis W. B. & Sons, Shelbyville, Ill.  
 Swanson-St. Joseph Plow Co., St. Joseph, Mo.  
 Swinton & Co., Port Jervis, N. Y.  
 Syracuse Chilled Plow Co. (Chilled), Syracuse, N. Y.  
 Texas Disc Plow Co., Dallas, Tex.  
 Thornburgh Mfg. Co., Bowling Green, O.  
 Towers & Sullivan Mfg. Co., Rome, Ga.  
 Vulcan Plow Co. (Chilled & Steel), Evansville, Ind.  
 Watt Plow Co., Richmond, Va.  
 Wayne Agricultural Works, Goldsboro, N. C.  
 Western Wheeled Scraper Co., Aurora, Ill.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
**White's S. R. Sons, Norfolk, Va.**  
 Wiard Plow Co. (Chilled & Steel) Batavia, N. Y.  
 Wilder-Strong Implement Co., Monroe, Mich.

### 11177a— Plow Stocks

Atlanta Plow Co., Atlanta, Ga.  
 Avery B. F. & Sons, Louisville, Ky.  
 Brinly-Hardy Co., Louisville, Ky.  
 Brown-Manly Plow Co., Malta, O.  
 Brown Mfg. Co., Zanesville, O.  
 Case J. I. Plow Works, Racine, Wis.  
 Eagle Hay Press & Implement Co., Muskogee, Okla.  
 Emerson-Brantingham Co., Rockford, Ill.  
 Empire Plow Co., Cleveland, O.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Gantt Mfg. Co., Macon, Ga.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Kelly G. A. Plow Co. (Wood & Steel), Longview, Tex.  
 Ohio Cultivator Co., Bellevue, O.  
 Parlin & Orendorff Co., Canton, Ill.  
 Rock Island Plow Co., Rock Island, Ill.  
 South Bend Chilled Plow Co., South Bend, Ind.  
 Southern Plow Co., Columbus, Ga.  
 Towers & Sullivan Mfg. Co., Rome, Ga.  
 White's, S. R. Sons ("Georgia Ratchet," "Bent Foot"), Norfolk, Va.

### 11178— Plows (Asparagus)

Wyckoff Bros., Hightstown, N. J.

### 11179—Plows (Auto or Motor)

Boenker H. H. Motor Plow Co., St. Charles, Mo.  
 Denning Tractor Co., Cedar Rapids, Ia.  
 Hackney Mfg. Co., Prior & University, St. Paul, Minn.

### Plows (Ballast)

See Ballast Loaders & Unloaders

### 11180— Plows (Beet)

Parlin & Orendorff Co. ("P. & O."), Canton, Ill.  
 Oliver Chilled Plow Works, South Bend, Ind.

### 11181— Plows (Breaking)

American Road Machinery Co., Kennett Square, Pa.  
 Avery B. F. & Sons, Louisville, Ky.  
 Brinly-Hardy Co., Louisville, Ky.  
 Brown-Manly Plow Co., Malta, O.  
 Burch Plow Works Co., Crestline, O.  
 Case J. I. Plow Works, Racine, Wis.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Deere & Co., Moline, Ill.  
 Emerson-Brantingham Co. ("Emerson," "Reeves"), Rockford, Ill.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Gale Mfg. Co., Albion, Mich.  
 Grand Detour Plow Co., Dixon, Ill.  
 Hapgood Plow Co., Alton, Ill.  
 Hensch & Dromgold Co., York, Pa.  
 La Crosse Plow Co., La Crosse, Wis.  
 Lee Bros., Watertown, S. Dak.  
 Lehr Agricultural Co., Fremont, O.  
 McKim Foundry & Machine Co., Lockport, N. Y.  
 Madison Plow Co., Madison, Wis.  
 Messinger Mfg. Co., Tatamy, Pa.  
 Moline Plow Co. ("Moline," "Scotch Clipper"), Moline, Ill.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("Canton" for Tractor), Canton, Ill.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Racine-Sattley Co. ("Sattley"), Springfield, Ill.  
 Rock Island Plow Co., Rock Island, Ill.

Schuerenberg F. W. (Also Wagons), Brenham, Tex.  
 Shunk Plow Co. (Steel, Street, etc), Bucyrus, O.  
 South Bend Chilled Plow Co., South Bend, Ind.  
 Southern Plow Co. (Steel), Columbus, Ga.  
 Sparta Plow Works, Sparta, Ill.  
 Swanson-St. Joseph Plow Co., St. Joseph, Mo.  
 Vulcan Plow Co., Evansville, Ind.  
 White's S. R. Sons ("Dipper," "Atlas," "D-Arrow," "White's Chilled" Grub), Norfolk, Va.

### 11182— Plows (Clay)

Fernholtz Brick Machinery Co., Boyle & Vandeventer av., St. Louis, Mo.  
 Stroud Thos. F. & Co., Omaha, Neb.

### 11183— Plows (Contractors')

Acme Road Machinery Co., Frankfort, N. Y.  
 American Road Machinery Co., Kennett Square, Pa.  
 American Steel Scraper Co. (Steel Road), Sidney, O.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Austin Mfg. Co., 910 S Michigan, Chicago, Ill.  
 Avery B. F. & Sons, Louisville Ky.  
 Baker Mfg. Co., 14 E Jackson blvd, Chicago, Ill.  
 Blount Plow Works (Railroad), Evansville, Ind.  
 Brinly-Hardy Co., Louisville, Ky.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y.  
 See adv index at end of book  
 Cambridge Steel Plow Co., Cambridge, N. Y.  
 Case J. I. Plow Works, Racine, Wis.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Collins Plow Co. ("Boss," "Giant," "District," 2 to 12 Horses), Quincy, Ill.  
 Deere & Co., Moline, Ill.  
 Dobbie Foundry & Machine Co., Main Office & Works: Niagara Falls, N. Y.  
 Emerson-Brantingham Co. ("Emerson" Road), Rockford, Ill.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Fresno Agricultural Works, Fresno, Cal.  
 Good Roads Machinery Co., Kennett Square, Pa.  
 Gowanda Agricultural Works (Grading), Gowanda, N. Y.  
 Jeschke Mfg. Co. ("Cyclone Jr."), Bellevue, O.  
 Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
 McKim Foundry & Machine Co., Lockport, N. Y.  
 Moline Plow Co., Moline, Ill.  
 Munnsville Plow Co. ("Hercules"), Munnsville, N. Y.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O." Road), Canton, Ill.  
 Phoenix Mfg. Co., Eau Claire, Wis.  
 Rock Island Plow Co., Rock Island, Ill.  
 Russell Grader Mfg. Co. (Road), 2005 Univ. av, S E, Minneapolis, Minn.  
 Shunk Plow Co., Bucyrus, O.  
 Sidney Steel Scraper Co. ("Sidney" All Steel Rooter), Sidney, O.  
 Slussey-McLean Scraper Co. ("Early Bird"), Sidney, O.  
 Smith & Sons Mfg. Co., Kansas City, Mo.  
 South Bend Chilled Plow Co., South Bend, Ind.  
 Stroud Thos. F. & Co. ("Stroud"), Omaha, Neb.  
 Swanson-St. Joseph Plow Co., St. Joseph, Mo.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Thompson J. Plow Works, Beloit, Wis.  
 Vulcan Plow Co. (Road), Evansville, Ind.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
 Wiard Plow Co., Batavia, N. Y.  
 Woodhouse J. S. Co., 191 Water, New York

### 11184— Plows (Corn)

De Shay D. H. (Arch Top Double), Elysburg, Pa.  
 La Crosse Plow Co., La Crosse, Wis.  
 Lean Roderick Mfg. Co. ("Roderick Lean" Riding & Walking), Mansfield, Ohio  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Rock Island Plow Co., Rock Island, Ill.



**11185— Plows (Cotton)**

Billups C Son & Co. ("Climax"), Norfolk, Va.  
 White's S. R. Sons (Inc.) ("Carolina," "Stonewall"), Norfolk, Va.

**11186—Plows (Disc or Rotary)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Avery B. F. & Sons, Louisville, Ky.  
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Cutaway Harrow Co. (Disc Sulky), Higganum, Conn.  
 Deere John Plow Works, Moline, Ill.  
 Disc Grader & Plow Co., Andrus bldg, Minneapolis, Minn.  
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Grand Detour Plow Co., Dixon, Ill.  
 La Crosse Plow Co., La Crosse, Wis.  
 Moline Plow Co. (Rotary), Moline, Ill.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O."), Canton, Ill.  
 Racine-Sattley Co. ("Sattley," "Hancock Jr."), Springfield, Ill.  
 Rock Island Plow Co., Rock Island, Ill.  
 Sanders Newell Plow Co. ("Sanders"), Chattanooga, Tenn.  
 South Bend Chilled Plow Co., South Bend, Ind.  
 Spalding-Robbins Disc Plow Co., 625 Market, San Francisco, Cal.  
 Stroud Thos F. & Co. (For Elevating Graders), Omaha, Neb.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Texas Disc Plow Co., Dallas, Tex.

**Plows (Ditching)**

*See Plows, Contractors'*

**11187— Plows (Gang)**

Avery B. F. & Sons, Louisville, Ky.  
 Avery Co. ("Avery"), Peoria, Ill.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Case J. I. Plow Works, Racine, Wis.  
 Collins Co., Collinsville, Conn.  
 Collins Plow Co., Quincy, Ill.  
 Cutaway Harrow Co. (Disc), Higganum, Conn.  
 Dakota Plow & Wagon Co., Sioux Falls, S. D.  
 Deere & Co. (Disc), Moline, Ill.  
 Eagle Hay Press & Implement Co., Muskogee, Okla.  
 Emerson-Brantingham Co. ("Emerson" Orchard & Vineyard), Rockford, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Gale Mfg. Co. ("Gale"), Albion, Mich.  
 Grand Detour Plow Co., Dixon, Ill.  
 Greenville Implement Co. (Walking), Greenville, Mich.  
 Hapgood Plow Co., Alton, Ill.  
 Janesville Machine Co., Janesville, Wis.  
 Keystone Iron Works, Los Angeles, Cal.  
 La Crosse Plow Co., La Crosse, Wis.  
 Moline Plow Co. ("Little Dutchman" Engine, Moldboard & Disc), Moline, Ill.  
 Monmouth Plow Factory, Monmouth, Ill.  
 Moore Plow & Implement Co., Greenville, Mich.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O." Two or Three Furrow, Riding or Walking), Canton, Ind.  
 Peppier Thomas, Son & Co., Hightstown, N. J.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Racine-Sattley Co. ("Sattley," "Stawana" "Hummer"), Springfield, Ill.  
 Rockford Mfg. Co. ("Farm Queen," "Rockford"), Rockford, Ill.  
 Rock Island Plow Co. ("Rock Island"), Rock Island, Ill.  
 Rowell I. B. Co. (Riding & Walking), Waukesha, Wis.  
 Shaw H. C. Co., Stockton, Cal.  
 South Bend Chilled Plow Co. ("Casady," "High Lift," "New South Bend," "Captor" Horse & Power), South Bend, Ind.  
 Spalding Tilling Machine Co. ("Spalding," "Deep Tilling"), 1434 W 3d, Cleveland, O.  
 Sparta Plow Works, Sparta, Ill.  
 Stroud Thos F. & Co., Omaha, Neb.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Wilder-Strong Implement Co., Monroe, Mich.

**Plows (Gang, Steam)**

*See Plows, Gang, Traction Engine*

**11188—Plows (Gang, Traction Engine)**

Avery Co. ("Avery"), Peoria, Ill.  
 Case J. I. Threshing Machine Co., Racine, Wis.  
 Deere & Co., Moline, Ill.  
 Emerson-Brantingham Co. ("Emerson" Disc & Mold Board, "Reeves"), Rockford, Ill.  
 La Crosse Plow Co., La Crosse, Wis.  
 Moline Plow Co. ("Flying Dutchman"), Moline, Ill.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O." Mold & Disc Styles), Canton, Ill.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Reschke Machine Works, Wichita, Kans.  
 Rumely M. Co. ("Rumely"), La Porte, Ind.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.

**11189—Plows (Gang, Wheel)**

Avery B. F. & Sons, Louisville, Ky.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Case J. I. Plow Works, Racine, Wis.  
 Deere & Co., Moline, Ill.  
 Donaldson Bros., Mt. Clemens, Mich.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Hapgood Plow Co., Alton, Ill.  
 Janesville Machine Co., Janesville, Wis.  
 Keystone Farm Machine Co., York, Pa.  
 La Crosse Plow Co., La Crosse, Wis.  
 Moline Plow Co. ("Best Ever" & "Good Enough"), Moline, Ill.  
 Moore Plow & Implement Co., Greenville, Mich.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O. Canton," "Success," "Diamond," "Vineyards"), Canton, Ill.  
 Racine-Sattley Co., Springfield, Ill.  
 Rock Island Plow Co., Rock Island, Ill.  
 Rowell I. B. Co., Waukesha, Wis.  
 Shaw H. C. Co. ("Stockton Reversible"), Stockton, Cal.  
 South Bend Chilled Plow Co. ("Captor," "New South Bend," "Casady" Horse & Power), South Bend, Ind.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Wiard Plow Co., Batavia, N. Y.

**11190 Plows (Garden)**

Akron Cultivator Co., Akron, O.  
 Alexander Mfg. Co., Ames, Ia.  
 Allen S. L. & Co., Denckla bldg, Phila., Pa.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Avery B. F. & Sons, Louisville, Ky.  
 Bacon Mfg. Co., Pontiac, Mich.  
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
 Bridgewater Plow Corp. ("Superior"), Bridgewater, Va.  
 Brinly Hardy Co., Louisville, Ky.  
 Brown Mfg. Co., Zanesville, O.  
 Burch Plow Works Co., Crestline, O.  
 Case J. I. Plow Works, Racine, Wis.  
 Columbia Planter Co., Springfield, O.  
 Crescent Forge & Shovel Co. (Wheel), Havana, Ill.  
 Deere & Co., Moline, Ill.  
 Deutscher H. P. Co., Hamilton, O.  
 Dutton E. Q. & Co., Cato, N. Y.  
 Empire Plow Co., Cleveland, O.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Gale Mfg. Co., Albion, Mich.  
 Greenville Implement Co., Greenville, Mich.  
 Hall Mfg. Co., Monticello, Ia.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Henry & Allen (Cultivators), Auburn, N. Y.  
 Herschel R. Mfg. Co., Peoria, Ill.  
 Hobson & Co., Easton, Pa.  
 Leader Plow Co., Staunton, Va.  
 Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, O.  
 Madison Plow Co., Madison, Wis.  
 Moore Plow & Implement Co., Greenville, Mich.  
 National Drill Co., Cambridge City, Ind.  
 Norcross C. S. & Sons, Bushnell, Ill.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O."), Canton, Ill.  
 Sears A. H., Plano, Ill.  
 South Bend Chilled Plow Co., South Bend, Ind.

Southern Plow Co., Columbus, Ga.  
 Standard Garden Tool Co., Montrose, Ia.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Thornburgh Mfg. Co. ("Climax"), Bowling Green, O.  
 Towers & Sullivan Mfg. Co. ("Jewel," "Safety"), Rome, Ga.  
 Whitaker Mfg. Co., 409 S Green, Chicago, Ill.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
 Wiard Plow Co., Batavia, N. Y.

**11191— \*Plows (Gasoline)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

**11192—\*Plows (Gasoline Tiller)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

**11193— Plows (Grooving)**

Ohio Tool Co. (Panel, etc), Charleston, W. Va.  
 Sandusky Tool Co. (Panel Plows, Plow Arms, etc), Sandusky, O.

**11194— Plows (Hop)**

Adams S. & Son, Rome, N. Y.  
 Deere & Co., Moline, Ill.  
 Dutton E. Q. & Co., Cato, N. Y.  
 Gale Mfg. Co., Albion, Mich.  
 Gowanda Agricultural Works, Gowanda, N. Y.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.

**11195— Plows (Ice)**

Ames Plow Co., Quincy Hall, Boston, Mass.  
 Bodenstein J. G. & Co., Staatsburg, N. Y.  
 Dornell H. F. Co., Athens, N. Y.  
 Dorsch Jno. & Sons, 209 Wells, Milwaukee, Wis.  
 Gifford-Wood Co., Hudson, N. Y.  
 Gruman Ice Tool Works, Branchville, Conn.  
 Pray W. H. Clove, N. Y.  
 Woodhouse J. S. Co., 191 Water, New York

**11196— Plows (Locomotive)**

Western Wheeled Scraper Co., Aurora, Ill.

**11197— Plows (Potato)**

Brinly Hardy Co., Louisville, Ky.  
 Deere & Co., Moline, Ill.  
 Gale Mfg. Co., Albion, Mich.  
 Hartig-Becker Plow Co., Evansville, Ind.  
 La Crosse Plow Co., La Crosse, Wis.  
 Oliver Chilled Plow Works, South Bend, Ind.  
 Parlin & Orendorff Co. ("P. & O. No. 3"), Canton, Ill.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.

**Plows (Road)**

*See Plows, Contractors'*

**11198— Plows (Shovel)**

Akron Cultivator Co., Akron, O.  
 Avery B. F. & Sons (With Jumping Coulters), Louisville, Ky.  
 Belcher & Taylor Agri. Tool Co., Chicopee Falls, Mass.  
 Blount Plow Works, Evansville, Ind.  
 Brinly Hardy Co., Louisville, Ky.  
 Bristol & Gale Co., 158 Carroll av, Chicago, Ill.  
 Brown-Manly Plow Co., Malta, O.  
 Brown Mfg. Co., Zanesville, O.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Burch Plow Works, Crestline, O.  
 Cambridge Steel Plow Co., Cambridge, N. Y.  
 Case J. I. Plow Works, Racine, Wis.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Davidson-Dietrich Plow Co., Evansville, Ind.  
 Donaldson Bros., Mount Clemens, Mich.  
 Dutton E. Q. & Co., Cato, N. Y.  
 Eddy W. Plow Co., Greenwich, N. Y.  
 Emerson-Brantingham Co. ("Emerson" Single Shovel), Rockford, Ill.  
 Empire Plow Co., Cleveland, O.  
 Eureka Mower Co., 16 Hickory, Utica, N. Y.



Everts Mfg. Co. Meridian, N. Y.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
**Fetzer & Co. ("Fetzer," "McSherry"),**  
 Springfield, Ill.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Gale Mfg. Co. ("New Era," "Gale," Single  
 & Double Shovel, also Wing Shovel),  
 Albion, Mich.  
 Gowanda Agricultural Works, Gowanda,  
 N. Y.  
 Grand Detour Plow Co., Dixon, Ill.  
 Greenville Implement Co., Greenville,  
 Mich.  
 Hartig-Becker Plow Co., Evansville, Ind.  
 Hench & Dromgold Co. (Inc.), York, Pa.  
 Keystone Farm Machine Co., York, Pa.  
 La Crosse Plow Co. La Crosse, Wis.  
 Lean Roderick Mfg. Co. ("Roderick  
 Lean") Mansfield, O.  
 Lehr Agricultural Co., Fremont, O.  
 Le Roy Plow Co., Le Roy, N. Y.  
 Moline Plow Co. (Single & Double), Mo-  
 line, Ill.  
 Moore Plow & Implement Co., Greenville,  
 Mich.  
 Munnsville Plow Co. (One, Two, Three &  
 Five Shovel), Munnsville, N. Y.  
 Ohio Cultivator Co., Bellevue, O.  
 Oliver Chilled Plow Works, South Bend,  
 Ind.  
 Parlin & Orendorff Co. ("P. & O." Single  
 & Double), Canton, Ill.  
 Peek's S. H. Sons, East Aurora, N. Y.  
 Rock Island Plow Co. (Single & Double),  
 Rock Island, Ill.  
 Sargent, Osgood & Roundy Co., Randolph,  
 Vt.  
 Shunk Plow Co., Bucyrus, O.  
 South Bend Chilled Plow Co. South Bend,  
 Ind.  
 Southern Plow Co., Columbus, Ga.  
 Sparta Plow Works, Sparta, Ill.  
 Swanson-St. Joseph Plow Co. St. Joseph,  
 Mo.  
 Syracuse Chilled Plow Co. (Blades & Wings  
 of Steel), Syracuse, N. Y.  
 Vulcan Plow Co., Evansville Ind.  
 White's S. R. Sons Norfolk, Va.  
 Woodhouse J. S. Co., 191 Water, New York

### 11199— Plows (Snow)

See also Snow Brooms & Sweepers, Street  
 Railway; also Street Railway Sweep-  
 ing Machines

American Locomotive Co. ("Rotary"), 30  
 Church, New York  
 Baker Mfg. Co. ("20th Century" Steel),  
 1000 Stanford av, Springfield, Ill.  
 Bloomsburg Car Mfg. Co., Bloomsburg, Pa.  
 Bradley Osgood Car Co., Worcester, Mass.  
 Brill J. G. Co. (Electric Ry.), 62d &  
 Woodland av, Phila., Pa.

## SIDE WALK SNOW PLOWS

### DYAR SUPPLY CO.

Cambridge, Mass.

Grothe John J. (Electric Ry.), Woburn,  
 Mass.  
 Kalamazoo Railway Supply Co. ("Root"  
 Scraper), Kalamazoo, Mich.  
 McGuire-Cummings Mfg. Co. (Street Rail-  
 ways), Harris Trust & Savings bldg,  
 Chicago, Ill.  
 Russel Car & Snow Plow Co., Ridgway, Pa.  
 Russell Grader Mfg. Co. ("Russell" all  
 Steel Sidewalk), 2005 Univ. av S E,  
 Minneapolis, Minn.  
 St. Louis Car Co., 8000 N B'way, St. Louis,  
 Mo.  
 Stroud Thos. F. & Co. (Street or Side-  
 walk), Omaha, Neb.  
 Toy W. M. Co., 10 E Shelby, Sidney, O.  
 Woodhouse J. S. Co. (Sidewalk), 191 Wa-  
 ter, New York

### 11200— Plows (Sub-Soil)

Ames Plow Co., Quincy Hall, Boston, Mass.  
 Avery B. F. & Sons, Louisville, Ky.  
 Blount Plow Works, Evansville, Ind.  
 Brinly Hardy Co., Louisville, Ky.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Case J. I. Plow Works, Racine, Wis.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Dakota Plow & Wagon Co., Sioux Falls,  
 S. D.  
 Deere & Co., Moline, Ill.  
 Emerson-Brantingham Co. ("Emerson"  
 Steel), Rockford, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Grand Detour Plow Co., Dixon, Ill.

Hall Jas. H. Plow Co., Maysville, Ky.  
 Madison Plow Co., Madison, Wis.  
 Moline Plow Co. (Walking), Moline, Ill.  
 Oliver Chilled Plow Works, South Bend,  
 Ind.  
 Parlin & Orendorff Co. ("P. & O."), Can-  
 ton, Ill.  
 South Bend Chilled Plow Co., South Bend,  
 Ind.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Wiard Plow Co., Batavia, N. Y.

### 11201—Plows (Sulky, Reversible)

Belcher & Taylor Agri. Tool Co., Chicopee  
 Falls, Mass.  
 Cambridge Steel Plow Co., Cambridge, N.Y.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Cutaway Harrow Co. (Disc), Higganum,  
 Conn.  
 Deere & Co., Moline, Ill.  
 Eddy W. Plow Co., Greenwich, N. Y.  
 Oliver Chilled Plow Works, South Bend,  
 Ind.  
 Racine-Sattley Co. ("Sattley"), Spring-  
 field, Ill.  
 Sargent, Osgood & Roundy Co., Randolph,  
 Vt.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Wiard Plow Co., Batavia, N. Y.

### 11202—Plows (Sulky, Riding or Wheel)

Avery B. F. & Sons (Sulky, etc), Louis-  
 ville, Ky.  
 Belcher & Taylor Agricultural Tool Co.,  
 Reversible Sulky), Chicopee Falls,  
 Mass.  
 Blount Plow Works (Sulky), Evansville,  
 Ind.  
 Brinly Hardy Co., Louisville, Ky.  
 Bryan Plow Co., Bryan, O.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Cambridge Steel Plow Co., Cambridge,  
 N. Y.

Case J. I. Plow Works, Racine, Wis.  
 Chattanooga Plow Co., Chattanooga, Tenn.  
 Collins Plow Co., Quincy, Ill.  
 Dakota Plow & Wagon Co., Sioux Falls,  
 S. D.  
 Deere John Plow Works, Moline, Ill.  
 Eddy W. Plow Co., Greenwich, N. Y.  
 Emerson-Brantingham Co. ("Emerson"),  
 Rockford, Ill.

Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Gale Mfg. Co., Albion, Mich.  
 Grand-Detour Plow Co., Dixon, Ill.  
 Hagood Plow Co., Alton, Ill.  
 Hench & Dromgold Co. (Inc.), York, Pa.  
 Janesville Machine Co., Janesville, Wis.  
 La Crosse Plow Co., La Crosse, Wis.  
 Luthy & Co., Peoria, Ill.  
 Madison Plow Co. ("New Eclipse"), Madi-  
 son, Wis.  
 Moline Plow Co. ("Best Ever," "Good  
 Enough"), Moline, Ill.  
 Monmouth Plow Factory, Monmouth, Ill.  
 Ohio Cultivator Co., Bellevue, O.  
 Oliver Chilled Plow Works, South Bend,  
 Ind.

Parlin & Orendorff Co. ("P. & O. Canton,"  
 "Success," "Diamond"), Canton, Ill.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Racine-Sattley Co. ("Sattley," "Hummer,"  
 "Royal," "New Way"), Springfield, Ill.  
 Rockford Mfg. Co. ("Farm King," "Rock-  
 ford," "Rockford, Jr," "Rockford  
 King"), Rockford, Ill.  
 Rock Island Plow Co. ("Rock Island"),  
 Rock Island, Ill.  
 Rowell I. B. Co., Waukesha, Wis.  
 South Bend Chilled Plow Co. ("Pilot,"  
 "Casaday" Foot Lift), South Bend,  
 Ind.

Sparta Plow Works, Sparta, Ill.  
 Swanson-St. Joseph Plow Co., St. Joseph,  
 Mo.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Vulcan Plow Co. (Sulky), Evansville, Ind.  
 Wiard Plow Co., Batavia, N. Y.

### 11203—Plows (Sulky, Right & Left Hand)

Parlin & Orendorff Co. ("P. & O. Suc-  
 cess," Two Wagon, on One Frame),  
 Canton, Ill.

### 11204—Plows (Swivel Reversible & Hillside)

Ames Plow Co. (Swivel and Hillside),  
 Quincy Hall, Boston, Mass.  
 Avery B. F. & Sons, Louisville, Ky.  
 Belcher & Taylor Agri. Tool Co., Chicopee  
 Falls, Mass.

Brinly Hardy Co. (Hillside), Louisville,  
 Ky.  
 Bucher & Gibbs Plow Co. ("Hillside &  
 Reversible), Canton, O.  
 Columbia Plow Works, Copake Falls,  
 N. Y.  
 Eddy W. Plow Co. (Hillside & Swivel),  
 Greenwich, N. Y.  
 Emerson-Brantingham Co. ("Emerson"  
 Hillside), Rockford, Ill.  
 Gowanda Agricultural Works, Gowanda,  
 N. Y.  
 Hall J. H. Plow Co. (Hillside), Maysville,  
 Ky.  
 Hench & Dromgold Co. (Inc.) (Hillside),  
 York, Pa.  
 Leroy Plow Co. (Hillside & Flatland),  
 Leroy, N. Y.  
 Moline Plow Co. ("Moline Two Way"),  
 Moline, Ill.  
 Munnsville Plow Co., Munnsville, N. Y.  
 Oliver Chilled Plow Works, South Bend,  
 Ind.  
 Parlin & Orendorff Co. ("P. & O."), Can-  
 ton, Ill.  
 South Bend Chilled Plow Co. (Reversible,  
 Hillside, etc), South Bend, Ind.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Vulcan Plow Co. (Hillside), Evansville,  
 Ind.  
 Wiard Plow Co. (Hillside), Batavia, N. Y.

### 11205— Plows (Traction)

Deere John Plow Works, Moline, Ill.  
 Grand Detour Plow Co., Dixon, Ill.  
 Lawtor Tractor Co., St. Marys, O.  
 Ward Tractor Co., Lincoln, Neb.  
 Worthington Pump & Machy. Corp. (With  
 Oil Engines), 115 B'way, New York

### Plows (Unloading)

See Ballast, Loaders & Unloaders

### 11206—Plows (Wheel Walking)

Collins Co., Collinsville, Conn.  
 Deere John Plow Works, Moline, Ill.  
 Emerson-Brantingham Co. ("Emerson"),  
 Rockford, Ill.  
 Hench & Dromgold Co. (Inc.), York, Pa.  
 Madison Plow Co., Madison, Wis.  
 Messinger Mfg. Co., Tatamy, Pa.  
 Parlin & Orendorff Co. ("P. & O." Black  
 Land, "Blue Jay" Brush Breaker,  
 Combination One-Horse Corn, Ditch-  
 ing, Grading, Hillside; "Iowa" Middle  
 Breakers, Sandy Land, New Ground,  
 Prairie Breakers, Rod Breakers, Root  
 Ground, Scotch, Clipper, Southern  
 Stubble, "Sunset Special" Vineyard  
 Timber), Canton, Ill.  
 Racine-Sattley Co. ("Wonder"), Spring-  
 field, Ill.  
 Rock Island Plow Co., Rock Island, Ill.  
 Syracuse Chilled Plow Co. (Chilled), Syra-  
 cuse, N. Y.  
 Wake Forest Fdry. Co., Wake Forest,  
 N. C.  
 Wayne Agricultural Works, Goldsboro,  
 N. C.

### 11207— Plugs (Attachment)

**BENJAMIN ELECTRIC MFG. CO.** (With  
 Rotary Sleeve, etc.), 128 S Sangamon,  
 Chicago, Ill.  
 Pass & Seymour ("P. & S."), Solvay, N. Y.  
 Yost Electric Mfg. Co. ("Yost Lockfast"),  
 Toledo, O.

### 11208—Plugs (Automatic Boat)

Welin Marine Equipment Co., 305 Vernon  
 av, Long Island, N. Y.

### 11209—Plugs (Bath & Basin)

American Pin Co. ("Ampinco"), Water  
 bury, Conn.  
 Bunnell W. H., 131 Worth, New York  
 Central Brass Mfg. Co., 6206 Cedar, Cleve-  
 land, O.  
 Crescent Mfg. Co., Scottdale, Pa.  
 Detroit Sanitary Supply Co., 1191 2nd, De-  
 troit, Mich.  
 Exeter Brass Works, Exeter, N. H.  
 Federal-Huber Co., 234 N Halsted, Chi-  
 cago, Ill.  
 Fries & Co., 91 Main, Buffalo, N. Y.  
 Frost Mfg. Co., Kenosha, Wis.  
 Glauber Brass Mfg. Co., 49th & Superior  
 av, N E, Cleveland, O.  
 Hall Mfg. Co., Harrison, N. J.  
 Haydenville Co., Haydenville, Mass.  
 Hoffman & Billings Mfg. Co., 100 2nd,  
 Milwaukee, Wis.



Homer Brass Works, 231 Race, Phila., Pa.  
 Humphries Mfg. Co., Mansfield, O.  
 Jenkins Mfg. Co. ("Rex"), 20 Vesey, New York  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Mechanical Rubber Co. ("Monarch"), 307 W Randolph, Chicago, Ill.  
 Murdock Mfg. & Supply Co., 426 Plum, Cincinnati, O.  
 Murphy Specialty Co., 90 2d, Milwaukee, Wis.  
 Park & McKay, 55 Bagley av, Detroit, Mich.  
 Peck Bros. & Co., New Haven, Conn.  
 Perkes Chas. (Est. of), 627 Arch, Phila., Pa.  
 Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.  
 Schacht Rubber Mfg. Co. ("Daisy" Rubber), Huntington, Ind.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Stebbins E. Mfg. Co., Springfield, Mass.  
 Sterling & Skinner Mfg. Co., 2672 E Gd. Blvd, Detroit, Mich.  
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.  
 Trenton Brass & Machine Co., Trenton, N. J.  
 Union Metal Works, Chelsea, Mass.  
 Waterbury Mfg. Co., Waterbury, Conn.  
 Weir & Craig Mfg. Co. ("W. & C. Mfg. Co."), 2421 Wallace, Chicago, Ill.  
 Wise J. B. Inc., Watertown, N. Y.  
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

#### 11210-1—Plugs (Boiler Flue)

Betterman Reinhold, Johnstown, Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Webb Elisha & Son Co. ("Handy"), 136 S Water, Phila., Pa.

#### 11212—Plugs (Brass)

American Brass & Cooper Co. (Basin Wash Tray, etc), 188 Lafayette, New York

American Injector Co., Detroit, Mich.  
 Belfield H. Co., 435 N Broad, Phila., Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.

*See adv index at end of book*

Exeter Brass Works, Exeter, N. H.  
 Fries & Co., 91 Main, Buffalo, N. Y.  
 Haydenville Co., Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.  
 Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.

Imperial Brass Mfg. Co. (Cylinder, for Automobile & Motor Boat), 524 S Racine av, Chicago, Ill.

*See adv index at end of book*

Jarecki Mfg. Co., Erie, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Kokomo Brass Works (Brass Cleanout), Kokomo, Ind.

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

McDonald A. Y. Mfg. Co., Dubuque, Ia.

**McRAE & ROBERTS CO.**, 227 Campbell av, Detroit, Mich.

*See adv index at end of book*

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

National Tube Co. (Also Cast & Mall, Iron), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.

Queen City Brass & Iron Works, Cincinnati, O.

Richardson Edro Brass Co., 318 N Holliday, Baltimore, Md.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Sterling & Skinner Mfg. Co., 2672 E Gd. Blvd, Detroit, Mich.

Trenton Brass & Machine Co. ("Trenton" Wash Tray), Trenton, N. J.

Walworth Mfg. Co., Boston, Mass.

Williams D. T. Valve Co., Cincinnati, O.

Wolverine Brass Works, Grand Rapids, Mich.

#### 11212a—\*Plugs (Brush)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

#### 11213—Plugs (Cast Iron)

Abendroth Bros., Port Chester, N. Y.  
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Crane Co. (Est. 1855), 836 S Michigan, Chicago, Ill.

*For branch offices see adv index at end of book*

General Fire Extinguisher Co., Providence, R. I.

McNab & Harlin Mfg. Co., 55 John, New York

National Tube Co., Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

Newbury Mfg. Co., Monroe, N. Y.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Walworth Mfg. Co., Boston, Mass.

**11214—Plugs (Conduit Sealing)**

Phila. Electrical & Mfg. Co. ("Phila."), 1236 N 31st, Phila., Pa.

#### Plugs (Cooperage)

*See Plugs, Wood*

#### 11215—Plugs (Drift)

Bernz Otto, 21 Ashland av, Newark, N. J.  
 Buffum Tool Co. ("Swastika," Plumbers' Wooden), South Side, Louisiana, Mo.  
 Stossel Carl & Co., Front Royal, Va.

#### 11216—\*Plugs (Edi-Swan)

**MORSE FRANK W.** ("Morse" S. C. & D. Co.), 293 Congress, Boston, Mass.  
*See adv index at end of book*

#### Plugs (Electric Attachment)

*See Plugs Attachment*

#### 11217—Plugs (Flush & Receptacle)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.

**ARROW ELECTRIC CO.** ("Midget," "Standard," "Combination"), Hartford, Conn.

Bryant Electric Co. ("Chapman," "Wonder"), Bridgeport, Conn.

Clancy J. R., Syracuse, N. Y.

Crouse-Hinds Co., Syracuse, N. Y.

Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.

Dale Lighting Fixture Co., 107 W 13th, New York

**HART MFG. CO.** ("Diamond H"), 231 Hamilton, Hartford, Conn.

*See adv index at end of book*

Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.

Hatzell & Buehler ("H. & B."), 373 4th av, New York

Hubbell Harvey (Inc.), Bridgeport, Conn.

Irish W. F. Electric Supplies ("Shamrock," Floor), 19 W 36th, New York

Loeffelholz & Co. ("Gibbs," for Cars), Milwaukee, Wis.

Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York

Novelty Electric Co. (Fibre), 50 N 4th, Phila., Pa.

Paiste H. T. Co. ("Felding"), 3201 Arch, Phila., Pa.

Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.

Russell & Stoll Co., 17 Vandewater, New York

Stanley & Patterson ("Patterson"), 23 Murray, New York

Steel City Electric Co. ("Campbell" Receptacle), 1207 Columbus av, Pittsburgh, Pa.

Trumbull Electric Mfg. Co., Plainville, Conn.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

#### 11217a—Plugs (Fuse Hole)

Bogert & Hopper (Hardwood), 67 Barclay, New York

ESTABLISHED 1847

**E. B. ESTES & SONS**

MANUFACTURERS OF

**Screw-Threaded Wood Plugs for**

**SHRAPNEL** and High Explosive Shells

**358 5th Ave. New York City**

Lestershire Spool Mfg. Co., Lestershire, N. Y.

Nashua Spool & Bobbin Co. (Maple), Grove Hall Sta., Boston, Mass.

#### 11217b—Plugs (Fuse Shrapnel)

Van Wagner E. B. Mfg. Co. (Cast Zinc, Aluminum, Lead, etc.), Syracuse, N. Y.

#### 11218 Plugs (Fusible)

American Injector Co., Detroit, Mich.

American Safety Lamp & Mine Supply Co., Scranton, Pa.

Ashcroft Mfg. Co., 119 W 40th, New York

Belknap Mfg. Co., Bridgeport, Conn.

Buckeye Iron & Brass Works, Dayton, O.

Crane Co. (Est. 1855), 836 S Michigan, av, Chicago, Ill.

*For branch offices see adv index at end of book*

Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.

Duluth Brass Works, West Duluth, Minn.

Exeter Brass Works, Exeter, N. H.

Farnan Brass Works Co., 1105 Center, Cleveland, O.

Fewlass-Leen Brass & Iron Co., Cincinnati, O.

Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.

General Fire Extinguisher Co., Providence, R. I.

Glasgow Iron Works & Supply Co. ("Phillips"), 28 West, New York

Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.

Haydenville Co., Haydenville, Mass.

Hills-McCanna Co., 153 E Kinzie, Chicago, Ill.

Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.

Ingersoll-Rand Co. (Signal), 11 B'way, New York

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Jarecki Mfg. Co., Erie, Pa.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Kinsey & Mahler Co., Peoria, Ill.

**LUNKENHEIMER CO.**, Executive Offices & Factories; Beekman & Waverly, Cincinnati, O.

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McNab & Harlin Mfg. Co., 55 John, New York

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.

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More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.

National Supply Co., Toledo, O.

Ohio Injector Co., Wadsworth, O.

Perkes Charles (Est. of), 627 Arch, Phila., Pa.

Pittsburgh Valve, Foundry & Construction Co., Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.

Queen City Brass & Iron Works, Cincinnati, O.

Sherman H. B. Mfg. Co., Battle Creek, Mich.

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.

Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.

Walworth Mfg. Co. (Fusible Boiler), Boston, Mass.

#### 11219—Plugs (Gas & Water Main)

Behringer Edw. A. Inc. (Rubber Service), 88 West B'way, New York

**KEMP C. M. MFG. CO.** ("Climax"), 405 E Oliver, Baltimore, Md.

Norwood Engineering Co. ("Streeter"), Florence, Mass.

#### 11220—Plugs (Indicator)

Buckeye Iron & Brass Works, Dayton, O.

#### 11221—Plugs (Laundry Tray)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Central Brass Mfg. Co., 6206 Cleveland, O.

Dearborn Brass Co., Cedar Rapids, Iowa

Diamond Mfg. Co., Detroit, Mich.

Empire Brass Mfg. Co., Cleveland, O.

Exeter Brass Works, Exeter, N. H.

Fries & Co., 91 Main, Buffalo, N. Y.

Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.

Haydenville Co., Haydenville, Mass.

Salem Brass & Iron Mfg. Co., Salem, N. J.

Trenton Brass & Machine Co., Trenton, N. J.

Union Metal Works, Chelsea, Mass.

Wolverine Brass Works, Grand Rapids, Mich.



**11222—Plugs (Limestone)**

Vichek Tool Co. ("Vichek"), 10711 Quincy av, Cleveland, O.

**11223—Plugs (Nailing)**

Allegheny Steel Band Co., 886 Main, Pittsburgh, Pa.

**11224—Plugs (Ordinary Attachment)**

Arrow Electric Co. ("Standard"), Hartford, Conn.

Benjamin Electric Mfg. Co., 128 S Sangamon, Chicago, Ill.

Bryant Electric Co., Bridgeport, Conn.

Connecticut Electric Mfg. Co., Bridgeport, Conn.

Crouse-Hinds Co., Syracuse, N. Y.

Freeman E. H. Electric Co., Trenton, N. J.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Hubbell Harvey (Inc.), Bridgeport, Conn.

Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York

Paiste H. T. Co. ("Pushin"), 3201 Arch, Phila., Pa.

Pass & Seymour, Solvay, N. Y.

Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

Peru Electric Co., Peru, Ind.

Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.

Stephenson Mfg. Co. (Wooden), South Bend, Ind.

Tregoning Electric Mfg. Co. Cleveland, O.

Trumbull Electric Mfg. Co., Plainville, Conn.

Union Electric Co., Trenton, N. J.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**11225—Plugs (Paper Roll)**

*See also Plugs, Wood*

Estes E. B. & Sons, 358 5th av, New York

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Menasha Woodenware Co. (For Counter Rolls), Menasha, Wis.

Munsing Woodenware Co. (For Counter Rolls), Munsing, Mich.

Nashau Spool & Bobbin Co., Grove Hall Station, Boston, Mass.

Stephenson Mfg. Co., South Bend, Ind.

**11226—Plugs (Pipe)**

Norwood Engineering Co. ("Streeter"), Florence, Mass.

Stephenson Mfg. Co., South Bend, Ind.

**11227—\*Plugs (Radiator)**

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich *See adv index at end of book*

**11228—Plugs (Roll Turners')**

Trethewey Sam'l & Co (Ltd), 57th, Pittsburgh, Pa.

**11229—Plugs (Seamless Tube Rolling)**

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

**11230—Plugs (Self Flushing Socket)**

Phelps Mfg. Co. ("Skedoodle" Flushes Lamp On & Off Automatically), 265 Jefferson av, Detroit, Mich.

**11231—Plugs (Smoke Testing)**

Blake Specialty Co., Rock Island, Ill.

Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md

**11232—Plugs (Soil Pipe Testing)**

Beekman Sanitary Specialty Co., 101 Beekman, N. Y.

Bernz Otto, 21 Ashland av, Newark, N. J.

Blake Specialty Co., Rock Island, Ill.

Clark Bros. ("Acme"), 1228 Locust, Phila., Pa.

Drummond M. J. & Co., 51 Chambers, N.Y.

Glanber M & Co, 103 Varick, New York

Hessler H E. Co. ("Star"), Syracuse, N. Y.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

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Johnson Wm. (Hedenberg Wks.), Newark, N. J.

**KEMP C. M. MFG. CO.** ("Climax"), 405 E Oliver, Baltimore, Md.

Mechanical Specialty Supply Co., Mechanicsville, N. Y.

Plugh August T., Hoboken, N. J.

Smith A. P. Mfg. Co., East Orange, N. J.

Walworth Mfg. Co., Boston, Mass.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Wolverine Brass Works, Grand Rapids, Mich.

Woodward-Wagner Co., 1106 Spring Garden, Phila., Pa.

**11233—Plugs (Spark)**

Akar Ignition Co. ("Akar"), 49 Berkley, Wayne Junction, Phila., Pa.

Albright Ignition Co., Columbus, Ga.

American Coil Co. ("Indestructible," "American"), Foxboro, Mass.

Auburn Ignition Mfg. Co. ("Electric," "Auburn No. 2" Porcelain, "Cayuga" Mica), Auburn, N. Y.

Automobile Equipment Co. ("L. X. V."), Detroit, Mich.

Automobile Supply Co., 1335 Michigan av, Chicago, Ill.

Axwell Equipment Co. ("Axwell"), 208 Wood, Pittsburgh, Pa.

Beckley-Ralston Co. ("Victor," "Copper Head"), 1801 S Michigan av, Chicago, Ill.

Belvidere Screw & Machine Co., Belvidere, Ill.

Benford Mfg. Co. ("Monarch"), Mount Vernon, N. Y.

Benton L. F. Co., Vergennes, Vt.

Bigsby-Rotary Mfg. Co. ("Vital," "Leader"), Cleveland, O.

Bosch Magneto Co., 223 W 46th, New York

Bradley C. E. Motor Co., 268 Diamond, Phila., Pa.

Brockett-Gorham Co. ("Bro-Gar"), Marion, Ohio

Brown Co. (Quick Detachable), Syracuse, N. Y.

Buffum Tool Co. ("Swastika"), Louisiana, Mo.

Byrne Kingston Co. ("Kingston"), Kokomo, Ind.

Champion Ignition Co. ("A. C."), Flint, Mich.

Champion Spark Plug Co. ("Champion"), Toledo, O.

Czar Ignition Co. ("Czar"), 531 Ellicott, Buffalo, N. Y.

Day Geo. F. ("Day"), 21 Haverhill, Boston, Mass.

Delta Mfg. Co. ("Delta," "B. O. E."), Bloomfield, N. J.

Dow Mfg. Co., Braintree, Mass.

Eclipse Mfg. Co. ("Hercules"), 502 Meridian Life, Indianapolis, Ind.

Electrolamp Co. ("Little Gem," "Echo"), Detroit, Mich.

Garford Mfg. Co., Elyria, O.

Geer Harry R. Co., 858 McLaren av, St. Louis, Mo.

General Illuminating Co. ("Grant Triple Anchor"), 369 B'way, New York

Grossman Emil Mfg. Co. ("Red Head"), 167 41st, Brooklyn, N. Y.

Guarantee Tire & Rubber Co. ("Long Distance," "Hot Spark"), Indianapolis, Ind.

Hampshire Mfg. Co. ("Wizard," "Rival"), Hatfield, Mass.

Hartford Machine Screw Co. ("Master," "H. M. S. Bull Dog"), Hartford, Conn.

Heinze Electric Co. ("Heinze," "Heco"), Lowell, Mass.

Herz & Co. ("Bougle Mercedes"), 245 W 55th, New York

Hubbell Harvey (Inc.), Bridgeport, Conn.

Hungerford U. T. Brass & Copper Co. ("Star"), 80 Lafayette, New York

Ideal Switch Co. ("Ideal"), Plainville, Conn.

Jefferson Electric Mfg. Co., 426 S Green, Chicago, Ill.

Johns H. M.-Manville Co. ("Johns-Manville"), Madison av & 41st, New York

Jones Major E. Motor Co. ("Major Jones"), Detroit, Mich.

K-W Ignition Co. ("Hot Shot," "Vim"), Chester av & E 30th, Cleveland, O.

Knoblock-Heideman Mfg. Co. ("Quick Action"), South Bend, Ind.

Kokomo Electric Co. ("Kingston"), Kokomo, Ind.

Lemke Electric Co. (Mica & Porcelain), 509 Cedar, Milwaukee, Wis.

Lipman Mfg. Co., Beloit, Wis.

Lockwood Ash Motor Co. ("Never-Miss"), Jackson, Mich.

Long Bros. ("Leader," "Ramble"), Kokomo, Ind.

Long Distance Spark Plug Co. ("Long Distance"), Indianapolis, Ind.

Louisville Auto Supply Co. ("Lasco"), Louisville, Ky.

McCormick Mfg. Co. ("McCormick" Power), Dayton, O.

Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York

Marburg Bros. ("Lodge" Imported), 90 West, New York

Matador Tire & Vulcanizing Co. ("Matador"), 1400 Michigan av, Chicago, Ill.

Michigan Motor Specialties Co. ("Becco"), Detroit, Mich.

Miller Chas. E. (Mica & Porcelain), 97 Reade, New York

Miller Mfg. Co., Peekskill, N. Y.

Milwaukee Auto Specialty Co. ("Center-fire," "Victor"), 711 Chestnut, Milwaukee, Wis.

Mosler A. R. & Co. ("Spit-Fire," "Triumph," "Breech-Block," "Vesuvius," "Beat-M-All"), Mt. Vernon, N. Y.

Motor Car Supply Co. ("M. C. S."), 1453 Michigan av, Chicago, Ill.

New York Mica & Mfg. Co. ("Wright" Mica "Auburn"), 38 Market, Auburn, N. Y.

Nilson-Miller Co. ("Record"), Hoboken, N. J.

Oakes & Dow Co. ("Comet," "Sootless"), 15 Chardon, Boston, Mass.

Orswell Igniter Co. (Plug & Coil Combined), Boston, Mass.

Pettingell-Andrews Co. ("O. K."), 511 Atlantic av, Boston, Mass.

Phoenix Auto Supply Co., 3225 Locust, St. Louis, Mo.

Pittsfield Spark Coil Co. ("Jewell" Mica), Pittsfield, Mass.

Post & Lester Co. ("E. I. C."), Hartford, Conn.

Rajah Auto Supply Co., Bloomfield, N. J.

Randall-Faichney Co. ("Mac-Kae Blitz"), Boston, Mass.

Reflex Ignition Co. ("Reflex," "Lightning," "Arrow," "Baby Reflex," "Lightning-Kid"), 1708 Payne av, Cleveland, O.

Rex Ignition Mfg. Co., 1779 B'way, N. Y.

Rhineland Machine Works Co. ("Lechler" Imp.), 1737 B'way, New York

Rosen A. W. & Co., 610 B'way, New York

Schug-Elect. Mfg. Co., Detroit, Mich.

Seidler-Miner Co., Detroit, Mich.

Sharp Spark Plug Co. ("Sharp Spark," "Fire Fly"), 3343 Broadview rd, Cleveland, O.

Silvex Co. ("Bethlehem"), 30 Church, New York

Splitdorf Electrical Co. (Green Jacket), 98 Warren, Newark, N. J.

Superior Motor Power Co. ("Su-Dig" Two Plug Ignition, "Twin-Tact" Double Plug), 30 Irving pl, New York

Szel Import & Export Co. ("Anchor"), 393 B'way, New York

Tungsten Mfg. Co., Marshalltown, Ia.

U. S. Automatic Co., Amherst, O.

Utility Co. ("Utility" & "Uko"), 636 W 44th, New York

V-Ray Company ("V-Ray"), Marshalltown, Ia.

Volcano Spark Plug Co. ("Volcano"), Ashland, O.

Washington Auto Supply Co. ("Washington" & "Wasco"), Washington, Ill.

Wells R. C. Mfg. Co., Fond-du-Lac, Wis.

Wesco Supply Co., 7th & Clark av, St. Louis, Mo.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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Williams E. Q., Syracuse, N. Y.

**11234—Plugs (Stage & Receptacle)**

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.

Central Electric Co. ("Ralco" Receptacles), 302 S 5th av, Chicago, Ill.

Chicago Electric Mfg. Co. ("Handy"), 2817 S Halsted, Chicago, Ill.

Clancy J. R., Syracuse, N. Y.

Condit Electrical Mfg. Co., ("Cushing" Sole Selling Agents for Chase-Shawmut Co.), 1st & L, Boston, Mass.

Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.

Electric Apparatus Co., 127 S Green, Chicago, Ill.



**GENERAL ELECTRIC CO.** (Interchangeable Stage), Schenectady, N. Y.

*See adv index at end of book*

**Lang J. Electric Co.**, 423 N Lincoln, Chicago, Ill.

**Manhattan Electrical Supply Co.**, 17 Park pl, New York

**Metropolitan Elec. Stage Lighting Co.** ("Olenin"), 123 W 40th, New York

**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.

*See adv index at end of book*

**Newgard Henry & Co.** ("Newgard"), 947 Washington blvd, Chicago, Ill.

**Russell & Stoll Co.**, 17 Vandewater, New York

**Stanley & Patterson** ("Fielding"), 23 Murray, New York

**Tregoning Electric Mfg. Co.**, Cleveland, O.

**UNIVERSAL ELECTRIC STAGE LIGHTING CO.** ("Kliegl"), 240 W 50th, New York

### 11235—Plugs (Steam Chest Oil)

**Franklin Railway Supply Co.** ("Franklin," for Locomotives), Franklin, Pa.

### 11236—\*Plugs (Switch)

**DELAWARE HARD FIBRE CO.** (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa. *See adv index at end of book*

### 11237—Plugs (Tap)

**Rapid Tap Plug Co.** ("Rapid"), Grand Rapids, Mich.

**Wolverine Brass Works** ("Wolverine"), Grand Rapids, Mich.

### 11238—Plugs (Test)

**Norwood Engineering Co.** ("Streeter"), Florence, Mass.

### 11239—Plugs (Tie)

**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*

**Goldie Wm. Jr.**, Bay City, Mich.

**Roper John L. Lumber Co.** (Hardwood), Norfolk, Va.

### 11240-1—Plugs (Wall)

**American 3-Way Prism Co.** (Metal), La Porte, Ind.

**Berger Mfg. Co.**, Canton, O.

**Bostwick Steel Lath Co.** ("Bostwick" Galvanized), Niles, O.

**Dowman-Dozier Mfg. Co.** (Metal), Atlanta, Ga.

**Hastings Foundry & Iron Works**, Hastings, Neb.

**Hubbell Harvey (Inc.)**, Bridgeport, Conn.

**Merwin Mfg. Co.** (Galvanized), Erie, Pa.

**Niagara Falls Metal Stamping Works** (Galvanized), Niagara Falls, N. Y.

**Prescott J. B. & Son** ("Rutty" Metal), Webster, Mass.

**Wicks M. O. Mfg. Co.**, Glen Cove, N. Y.

### 11242—Plugs (Wooden)

**Bachelor A. & Co.**, 234 Mt. Vernon, Lowell, Mass.

**Bogert & Hopper**, 67 Barclay, New York

**Brewing Appliance Specialty Co.**, Hartford, Conn.

**Central City Bung Co.**, Huntington, W. Va.

**ESTES E. B. & SONS** (Fluing, Carriage Body, Conduit, Deck, Drift, Oval, Paper Roll, Plumbers' Sand, Tile, Varnish, Can, etc.), 358 5th av, New York *See adv index at end of book*

**Nashua Spool & Bobbin Co.** (Paper Rolls, up to 5 in. in diam., Deck, etc.), Grove Hall Station, Boston, Mass.

**Peirce W. E. & Co.**, Milford, N. H.

**Peters' Jno. M. Sons**, Bleecker, N. Y.

**Redlich Mfg. Co.** (All Kinds), 637 W Oak, Chicago, Ill.

**Rowe Henry Mfg. Co.**, Newaygo, Mich.

**Russ Co.**, 5700 Walworth av, Cleveland, O.

**Sommer Jno. Faucet Co.**, 355 Central av, Newark, N. J.

**Standard Turning Works**, Cambridge, Mass.

**Stephenson Mfg. Co.**, South Bend, Ind.

**U. S. Bung Mfg. Co.**, 48 S 2d, Brooklyn, N. Y.

**Iron City Tool Works (Ltd.)**, 3201 Smallman, Pittsburgh, Pa.

**Vlchek Tool Co.** ("Vlchek"), 10711 Quincy av, Cleveland, O.

### 11243—Plugs & Feathers

**Auer John, Jr.** (Steel, Stone Hoisting), 197 Middleton, Brooklyn, N. Y.

**Channon Jas. H. Mfg. Co.** (Stone Hoisting, etc.), 227 N Erie, Chicago, Ill.

**Double Fabric Tire Co.** (Inside Fabric, Outer Sleeve), Auburn, Ind.

**Empire Tire & Rubber Corp.**, East Trenton, N. J. *See adv index at end of book*

**Firestone Tire & Rubber Co.** ("Firestone"), Akron, O.

**Goodrich B. F. Co.**, Akron, O.

**Goodyear Tire & Rubber Co.**, Akron, O.

**Michelin Tire Co.** (Patches & Sleeves for Repairing Automobile Tires & Inner Tubes), Milltown, N. J.

**Morgan & Wright**, Detroit, Mich.

**Parker-Stearns & Co.** ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.

**Anderson Rubber Works**, Anderson, Ind.

**Braender Rubber & Tire Co.** (Cementless), Rutherford, N. J.

**Double Fabric Tire Co.** (Inside Fabric, Outer Sleeve), Auburn, Ind.

**Empire Tire & Rubber Corp.**, East Trenton, N. J. *See adv index at end of book*

**Firestone Tire & Rubber Co.** ("Firestone"), Akron, O.

**Goodrich B. F. Co.**, Akron, O.

**Goodyear Tire & Rubber Co.**, Akron, O.

**Michelin Tire Co.** (Patches & Sleeves for Repairing Automobile Tires & Inner Tubes), Milltown, N. J.

**Morgan & Wright**, Detroit, Mich.

**Parker-Stearns & Co.** ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.

**Anderson Albert & J. M. Mfg. Co.** ("Anderson," For Electric Vehicle & Railway Coaches, Power Circuit Connections A. C. & D. C.), 289A, Boston, Mass.

**Consolidated Car Heating Co.**, Albany, N. Y.

**GENERAL ELECTRIC CO.** ("Standard" Tapping Plugs & Receptacles), Schenectady, N. Y.

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**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**11245—Plumb Bobs**

**Bergman Tool Mfg. Co.** (Steel, Hexagon & Round), Buffalo, N. Y.

**Braunsdorf-Miller Co.**, Elizabeth, N. J.

**Brown & Sharpe Mfg. Co.** ("Mercury"), Providence, R. I.

**Chapin-Stephens Co.**, Pine Meadow, Conn.

**Crescent Novelty Mfg. Co.** (Lead), 703 S B'way, St. Louis, Mo.

**Dikeman Mfg. Co.** ("Cant-Roll"), Norwalk, Conn.

**Disston Henry & Sons**, Tacony, Phila., Pa.

**Fuerst Bros. & Co.** (Imp), 2 Stone, New York

**Goodell-Pratt Co.**, Greenfield, Mass.

**Huebel Mfg. Co.** (Bronze), 103 Monroe, Newark, N. J.

**Jackson S. R.** (Iron, etc.), Watertown, N. Y.

**Jennings C. E. & Co.**, 71 Murray, New York

**Johnson Wm.** (Hedenberg Works), Newark, N. J.

**Keuffel & Esser Co.**, Hoboken, N. J.

**Kupferle J. C. Foundry Co.**, 1st & Wright, St. Louis, Mo.

**Lamp & Miller Mfg. Co.**, 382 4th, Milwaukee, Wis.

**Leistner Paul & Sons Mfg. Co.** (Common Sense & Reversible), St. Charles, Mo.

**Osborne C. S. & Co.**, Harrison, N. J.

**Peck, Stow & Wilcox Co.**, Southington, Conn.

**Reading Hardware Co.**, Reading, Pa.

**Ridgely-Trimmer Co.**, Springfield, O.

**S. & I. Co.** ("Perfect"), Springfield, Mass.

**Sargent & Co.** (Brass, Lead, Wired, Iron, Adjustable Top), New Haven, Conn.

**Stanley Rule & Level Co.** (Adjustable), New Britain, Conn.

**STARRETT, L. S. CO.** (Mercury, Steel), Athol, Mass. *See adv index at end of book*

**Stearns E. C. & Co.**, 450 Oneida, Syracuse, N. Y.

**Union Hardware Co.**, Torrington, Conn.

**Welch T. F. Co.**, 55 Sudbury, Boston, Mass.

**West Haven Mfg. Co.** (Machine Turned, Highly Polished), West Haven, Conn.

**Wrightsville Hardware Co.**, Wrightsville, Pa.

**11246—Plumbago**

**Buckeye Products Co.**, Cincinnati, O.

**DIXON JOSEPH CRUCIBLE CO.** ("Dixon's" for Foundry Facings, Yacht Bottoms, Shot Polishing, etc.), Jersey City, N. J.

*See adv index at end of book*

**Doggett Stanley Inc.**, 11 Cliff, New York

**Dunn & Kruse**, 63 Park Row, New York

**Federal Foundry Supply Co.**, 2639 E 79th, Cleveland, O.

**Frost & Cundill Inc.** (Imp.), 60 Wall, New York

**Fuerst Bros. & Co.** (Imp), 2 Stone, New York

**Gross Otto (Imp)**, 66 Beaver, New York

**Hill & Griffith Co.**, 1248 State, Cincinnati, Ohio

**Illsley Doubleday & Co.**, 1229 Front, New York

**Kelly T. P. & Co.** (Inc.), (Imp. "Ceylon"), 355 W 26th, New York

**McCormick J. S. Co.**, 25th & A. V. R. R., Pittsburgh, Pa.

**McCullough-Dalzell Crucible Co.**, 36th & A. V. R. R., Pittsburgh, Pa.

**Midvale Mining & Mfg. Co.**, Central Natl. Bank bldg, St. Louis, Mo.

**Obermayer S. Co.**, 2563 W 18th, Chicago, Ill.

**Paterson-Boardman & Knapp**, 10 Bridge, New York

**Pettinos Bros.** (Refiners & Grinders), 25 Church, New York

**Salomon L. A. & Bro.**, 216 Pearl, New York

**Smith Facing & Supply Co.** ("Corona"), Columbia bldg, Cleveland, O.

**Springfield Facing Co.**, Springfield, Mass.

**Stevens Frederick B.** (East India Flake), 3d & Larned, Detroit, Mich.

**Taunton Crucible Wks.** (Pure Ceylon Graphite for Stove Dealers' Use), Taunton, Mass.

**Tennant C. Sons & Co.** of N. Y. (Imp.), 100 William, New York

**United States Graphite Co.**, Saginaw, Mich.

**Woodison E. J. Co.** (Ceylon & East India), Detroit, Mich.

**11247—\*Plumbago (Electrotyping)**

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*

**11248—\*Plumbago (Yacht)**

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*

**Plumbers' Brass Goods Mfrs.**

*See the Specific Article Required*

**Plumbers' Cabinet Work**

*See Plumbers' Wood Work*

**11249—Plumbers' Charts & Estimate Books**

**Starbuck R. M. & Sons**, Hartford, Conn.

**11250—Plumbers' Marble Work**

*See also Marble Interior Work*

**Batterson & Eisele**, Main Office & Works, Edgewater, N. J.

**Bowker, Torrey Co.**, 158A, Boston, Mass.

**Bradbury Marble Co.**, 4165 Duncan, St. Louis, Mo.

**Buess Wm.**, 312 E 95th, New York

**Butler Philip H. & Co.**, 197 B S, Boston, Mass.

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Cascio S., 1259 Flushing av, Brooklyn, N. Y.  
 Christa Marble Co., Detroit, Mich.  
 Clow James B. & Sons, Franklin & Harrison, Chicago, Ill.  
 Davidson Bros. Marble Co., ft of Orleans, Chicago, Ill.  
 Eschmann B. & J., 412 E 37th, New York  
 Evans Marble Co., Shell & Dock, Baltimore, Md.  
 Georgia Marble Finishing Works, Canton, Ga.  
 Grant Marble Co., 27th & Canal, Milwaukee, Wis.  
 Hilgartner Marble Co., S Sharp & Ostend, Baltimore, Md.  
 Jacoby & Son Co., 2025 Market, Phila., Pa.  
 Kennesaw Marble Co., Marietta, Ga.  
 Klaber A. & Son, 211 Vernon av, Long Island City, N. Y.  
 Livingston Jas., 163 E 88th, New York  
 McGratty & Sons, 313 Butler, Brooklyn, N. Y.  
 McLaury D. H. Tile Co., 103 Park av, New York  
 Marthens Chester N., Marble Co., W 53d & Wallace, Chicago, Ill.  
 Northwestern Marble & Tile Co., 27th av S & 27th, Minneapolis, Minn.  
 Peoria Stone & Marble Works, Peoria, Ill.  
 Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.  
 Rutland Marble & Granite Co., Rutland, Vt.  
 Shipway J. H. & Bro., Locust av & 136th, New York  
 Sickles Geo. B. Marble Co., Tate, Ga.  
 Standard Marble Works (John M. Mueller, Jr., Prop.), 706 W Front, Cincinnati, O.  
 Troy Bros. & Co., 975 Mass av, Rox., Boston, Mass.  
 Vermont Marble Co., Proctor, Vt.

### Plumbers' Porcelain Ware Mfrs.

See Bath Tubs, Porcelain

### 11251—Plumbers' Rubber Goods

See also Rubber Manufacturers

Akron Rubber Mold & Machine Co., Akron, Ohio  
 Alden Rubber Co., Barberton, O.  
 Anderson Rubber Works (Valve Seats & Cups), Anderson, Ind.  
 Canfield H. O. Co., Bridgeport, Conn.  
 Canfield Rubber Co. ("Redtex," "Black-rock"), Bridgeport, Conn.  
 Central Rubber & Supply Co., 201 N West, Indianapolis, Ind.  
 Consolidated Rubber Co., Trenton, N. J.  
 Elkhart Rubber Works, Elkhart, Ind.  
 Empire Tire & Rubber Corp., Trenton, N. J. See adv index at end of book  
 Essex Rubber Co., Trenton, N. J.  
 Goodrich B. F. Co., Akron, O.  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mattson Rubber Co., Lodi, N. J.  
 New York Belting & Packing Co., 91 Chambers, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New York  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Republic Rubber Co., Youngstown, O.  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 Western Rubber Co., Goshen, Ind.

### 11252—Plumbers' Sanitary Earthenware Mfrs.

Abingdon Sanitary Mfg. Co., Abingdon, Ill.  
 Acme Sanitary Pottery Co., Trenton, N. J.  
 Alliance Co., 1924 Clybourn av, Chicago, Ill.  
 American Sanitary Works ("B. O. T."), Washington, N. J.  
 Bellmark Co., Trenton, N. J.  
 Bowers Pottery Co., Mannington, W. Va.  
 Camden Pottery Co., Camden, N. J.  
 Cochran, Drugan & Co., Trenton, N. J.  
 Douglas John Co., Cincinnati, O.  
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.  
 Economy Pottery Co., Trenton, N. J.  
 Elite Pottery Co., Trenton, N. J.  
 Eljer Co., Cameron, W. Va.  
 Florentine Pottery Co., Chillicothe, O.  
 Ford's Porcelain Works, Perth Amboy, N. J.  
 Helfrich Pottery Co., Evansville, Ind.  
 Jackson Potteries Co. (Vitreous China), Fulton bldg, Pittsburgh, Pa.

Keystone Pottery Co., Trenton, N. J.  
 Kokomo Sanitary Mfg. Co., Kokomo, Ind.  
 Maddock John & Sons, Trenton, N. J.  
 Maddock's Thos. Sons Co., Trenton, N. J.  
 Mercer Pottery Co., Trenton, N. J.  
 Monument Pottery Co., Trenton, N. J.  
 National Pottery Co., Evansville, Ind.  
 N. J. China Pottery Co. ("Codru"), Trenton, N. J.  
 Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.  
 Resolute Pottery Co., Trenton, N. J.  
 Sanitary Earthenware Specialty Co. ("Sesco" Vitreous), Trenton, N. J.  
 Standard Sanitary Mfg. Co., Kokomo, Ind. & Tiffin, O.  
 Standard Sanitary Pottery Co., Elizabeth, N. J.  
 Trenton Fire Clay & Porcelain Co., Trenton, N. J.  
 Trenton Potteries Co., Trenton, N. J.  
 Universal Sanitary Mfg. Co. (Vitreous China Tanks, Closets, Urinals, etc), New Castle, Pa.  
 Wheeling Sanitary Mfg. Co., Wheeling, W. Va.

### 11253—Plumbers' Seamless Tubing, in Brass, Copper & Nickel Plated

AMERICAN BRASS CO. (Also Benedict Nickel), Waterbury Conn.  
*For branch offices see adv index at end of book*  
 American Tube Works, 10 Oliver, Boston, Mass.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Hungerford U. T. Brass & Copper Co. (Brass & Copper), 80 Lafayette, New York  
 Randolph-Clowes Co., Waterbury, Conn.

### Plumbers' Slate Work

See Slate Urinals, Slabs, etc; also Laundry Tubs, Slate.

### 11254—Plumbers' Soil

Bernz Otto, 21 Ashland av, Newark, N. J.  
 Colebrook's W. H. Son ("Colebrook's"), Syracuse, N. Y.  
 Johnson Wm. (Hedenberg Works), Newark, N. J.

### 11255—Plumbers' Supplies, Jobbers

See also Steam Fitters' Supplies, etc.  
 For the manufacturers of all kinds of Plumbing Specialties, see the Specific Article Required

### ALABAMA.

BIRMINGHAM—Crane Co. (of Chicago)  
 Jefferson Plumbers' & Mill Supply Co.

### ARIZONA.

PHOENIX—Mulrein J. H. Plumbing Supply Co.

### ARKANSAS.

FT. SMITH—Melster Bros.-Bracht Co.  
 LITTLE ROCK—Crane Co.

### CALIFORNIA.

LOS ANGELES—Boynton H. R. Co., 216 N Los Angeles  
 Busch A. H. Co., 150 N Los Angeles  
 Crane Co., 321 E 2d  
 Harper & Reynolds Co., 219 S Central av  
 Holbrook, Merrill & Stetson, 200 S Central av  
 Turner G. H. Co., 1052 N. Alameda  
 OAKLAND—Crane Co. (of Chicago)  
 Kinney R. W. Co.  
 SACRAMENTO—Miller-Enwright Co.  
 SAN DIEGO—Western Metal Supply Co.  
 SAN FRANCISCO—California Steam & Plumbing Supply Co., 671 5th  
 Crane Co., 2d & Bramer  
 Dalziel-Moller Co., 556 Mission  
 Dunham Carriagan & Hayden Co., Kansas & Division  
 Haines, Jones & Cadbury Co. (of Phila., Pa.), 351 Folsom  
 Holbrook, Merrill & Stetson, 6th & Bluxome  
 Kinney R. W. Co.  
 Mark-Lally Co., 2d & Tehama  
 Montague W. W. & Co., 577 Market  
 Owl Plumbing Supply Co., 967 Mission

Stulsoft M. Co., 647 Missouri  
 Tay Geo. H. Co., 599 Mission

### COLORADO.

DENVER—Hedges-Atkins Supply Co.  
 O'Fallon M. J. Supply Co.  
 Wolff L. Mfg. Co. (of Chicago), 1533 Blake

### CONNECTICUT.

BRIDGEPORT—Bridep't Plumbing Supply Co.  
 DANBURY—Hull F. A. & Son  
 EAST NORWALK—Norwalk Mfg. Co.  
 HARTFORD—Eastern Plumbing Supply Co.  
 Plimpton & Hills Corp.  
 Traut Thomas  
 NEW HAVEN—Mersick C. S. & Co.  
 Peck Bros. & Co.  
 NORWICH—Norwich Plumbing Supply House  
 STAMFORD—Cohn Wm.  
 WATERBURY—Daly M. J. & Sons

### DELAWARE.

WILMINGTON—Delaware Electric & Supply Co., 213 Shipley  
 Speakman Supply & Pipe Co., 30th & Spruce

### DISTRICT OF COLUMBIA.

WASHINGTON—Cunningham Plumbing Supply Co., 1234 Pennsylvania av, N W  
 Latterner Arthur, 602 Penna. av, N W  
 Mitchell John Jr. Co., 1000 Pennsylvania  
 Schafer E. G. & Co., 218 13th, N W  
 Somerville Thos. Co., 312 13, N W

### FLORIDA.

JACKSONVILLE—Hubbard S. B. Co.  
 PENSACOLA—Born Chas. A.  
 TAMPA—Coates Plumbing Supply Co.

### GEORGIA.

ATLANTA—Crane Co.  
 General Supply Co.  
 Lowry Co.  
 AUGUSTA—McAuliffe T. G.  
 COLUMBUS—Columbus Iron Works  
 ROME—Rome Supply Co.  
 SAVANNAH—Haines, Jones & Cadbury Co. (of Phila., Pa.)  
 McKenna Jas. H.  
 Savannah Supply Co.  
 Weed J. D. & Co. (Pipe & Fittings)

### HAWAII.

HONOLULU—Honolulu Iron Works Co.

### ILLINOIS.

BLOOMINGTON—Kelser-Van Leer Co.  
 CHICAGO—Block Mandel & Co., 1151 W 12th  
 Clow Jas. B. & Sons, Franklin & Harrison  
 Crane Co., (Est. 1855), 836 S. Michigan av  
*For branch offices see adv index at end of book*  
 Davies Supply Co., 412 W Ontario  
 Deschauer Co., 1345 Blue Island av  
 Enterprise Plumbing Supply Co., 26 W Kinsey  
 Federal-Huber Co., 234 N Halsted  
 Fulton Supply Co., 1600 Fulton  
 Geary Andrew J., 9311 Baltimore av  
 Gollner Phillip Co., W 33d & Archer av  
 Hardin-Lavin Co., 4543 Cottage Grove av  
 Henion & Hubbell, 219 N Jefferson  
 Hoelscher Bros., 1301 W Division  
 Illinois Malleable Iron Co., 1801 Diversey blvd  
*See adv index at end of book*  
 Karol B. Y., 800 S Kedzie av  
 Kellogg-Mackay Co., 403 W 18th  
 National Plumbing & Heating Supply Co., 6044 S State  
 Quinn Supply Co., 29 South Western av  
 Weil Bros., 651 W Lake  
 Weir & Craig Mfg. Co., 2421 Wallace  
 Western Plumbing Supply Co., 119 N Desplaines  
 Whitney & Ford, 4315 Cottage Grove av  
 Wolff L. Mfg. Co., 601 W Lake



DANVILLE—Inland Supply Co.  
 DECATUR—Field & Shorb Co.  
 PEORIA—Kinsey & Mahler Co.  
 Nailon Bros. Co.  
 ROCKFORD—Rockford Brass Works

## INDIANA.

ANDERSON—May Supply Co.  
 FORT WAYNE—National Mill Supply Co.  
 P. & H. Supply Co.  
 INDIANAPOLIS—Central Supply Co.  
 Van Camp Hardware & Iron Co.  
 KOKOMO—Kokomo Hardware Co.  
 LAFAYETTE—Biggs B. F. Pump Co.  
 LOGANSPOUT—Baker Specialty & Sup.  
 Co.  
 MUNCIE—Keiser Geo. & Co.  
 TERRE HAUTE—Crane Co. (of Chicago)  
 UNION CITY—Knapp Supply Co.

## IOWA.

CEDAR RAPIDS—Cedar Rapids Pump Co.  
 Chandler Pump Co.  
 DAVENPORT—Crane Co. (of Chicago)  
 DES MOINES—Beckman Bros.  
 Crane Co. (Of Chicago)  
 Globe Machinery & Supply Co.  
 Kurtz L. H. Co.  
 DUBUQUE—Dubuque Sanitary Mfg. Co.  
 Kretschmer Mfg. Co.  
 McDONALD A. Y. MFG. Co. (Mfrs)  
 FORT DODGE—Leighton Supply Co.  
 MASON CITY—Hawkeye Supply Co.  
 Mason City Supply Co.  
 SIOUX CITY—Crane Co.  
 Wigman Co.  
 WATERLOO—Waterloo Mfg. Co.

## KANSAS.

ATCHISON—Thayer Supply Co.  
 WICHITA—Crane Co. (of Chicago)  
 Martin Metal Mfg. Co.

## KENTUCKY.

LOUISVILLE—Ahrens & Ott Mfg. Co.  
 (Inc.)  
 Laib Co.  
 Vogel P. A. & Sons

## LOUISIANA.

NEW ORLEANS—Ahrens & Ott Mfg. Co.,  
 846 Baronne  
 Fairbanks Co. Camp & St. Joseph (of  
 New York City)  
 Manion & Co., 618 Baronne  
 Plumbing & Mill Supply Co., 840 Ba-  
 ronne  
 Standard Supply Co., 420 Carroll

## MAINE.

BANGOR—Dunning R. B. & Co.  
 PORTLAND—Blake W. L. & Co.  
 Smith & Abbott Co.

## MARYLAND.

BALTIMORE—Central Metal & Supply  
 Co., 611 E Lombard  
 Crane Co. (of Chicago)  
 Crook-Horner Supply Co., 11 Balder-  
 son

Cuyler & Mohler, 611 William  
 Krauss & Roberts, cor Baltimore &  
 Eden  
 Neser & Quinn Co., Lexington &  
 Green  
 Robertson Jas. Mfg. Co., 108 Hopkins  
 pl  
 Southern Supply Co., Calvert & Sara  
 HAGERSTOWN—Reichard Supply Co.

## MASSACHUSETTS.

BOSTON—Barrett Jas Mfg. Co., 117 Pearl  
 Bradlee & Chatman, 54 Canal  
 Braman, Dow & Co., 239 Causeway  
 Brown Waaes Co., 489 C.  
 Butler Edmund F. & Co., 80 Pearl  
 Crane Co. (of Chicago) 48 W 1st  
 Dalton-Ingersoll Mfg. Co., 171 High  
 Daly Plumbing Supply Co., 93 Cum-  
 mings  
 Dececo Co., 157 High  
 Estabrook's R. Sons, 202 1st  
 Gallison Wm. H. Co., 399 Atlantic av  
 Gilchrist, Geo. E. Co., 106 High  
 Hercules Iron & Supply Co., 473 At-  
 lantic av  
 Hubbard W. B. & Sons Co., 176 Oliver  
 Locke, Stevens & Co., 94 Warrenton  
 Manufacturing Equipment & Engi-  
 neering Co., 136 Federal  
 Sanitary Fixtures Co., 275 Congress  
 Sullivan Daniel P., Jr., 250 Congress  
 Sumner & Gerald, 287 Congress  
 Thompson Durkee Co., 92 High  
 Webb F. W. Mfg. Co., 56 Elm  
 Whitehead Metal Products Co. (Brass  
 Plumbing Supplies), 67-73 Wash-  
 ington, North  
*See adv index at end of book*  
 Young Jos. H. Co., 82 High  
 CAMBRIDGE—Cambridge Plumbing Sup-  
 ply Co.  
 Corcoran Supply Co., 62 Albany  
 LYNN—Bourneuf Louis Corp.  
 NEW BEDFORD—Watson-Penfield Corp.  
 Wood, Brightman & Co.  
 SOMERVILLE—Ideal Supply Co.  
 SPRINGFIELD—Crane Co. of Springfield  
 New England Plumbing Supply Co.  
 WORCESTER—Baker Lead Mfg. Co.

## MICHIGAN.

BAY CITY—Alert Pipe & Supply Co.  
 DETROIT—Detroit Lead Pipe Works  
 Harvey's A. Sons Mfg. Co.  
 Kimball-Eisenberg Co.  
 McCormick Plumbing Supply Co., 179  
 Baker  
 Michigan Plumbing Supply Co., 256  
 Jefferson av  
 Park & McKay, 55 Bagley av  
 Sales Murray W. & Co., 76 Jefferson  
 av  
 Walker Mfg. & Supply Co., Shelby &  
 Woodbridge  
 GRAND RAPIDS—Ferguson Supply Co.  
 JACKSON—Central Distributing Co.  
 LANSING—Michigan Supply Co.  
 SAGINAW—Alert Pipe & Supply Co.

## MINNESOTA.

DULUTH—Crane & Ordway Co.  
 Duluth Plumbing Supplies Co.  
 MINNEAPOLIS—Central Supply Co., 312  
 S 3rd  
 Crane Co. (of Chicago)

Gilmore D. M. Co., 515 S 3d  
 National Mfg. & Supply Co., 256 3rd av  
 Rollins Sim D. & Co.  
 Roberts-Hamilton Co., 413 S 4th  
 ST. PAUL—Cochran-Sargent Co., 182 E 6th  
 Crane & Ordway Co. (of Chicago)  
 Union Brass & Metal Mfg. Co., Lawson  
 & Mackubin  
 Western Supply Co., Park Square

## MISSOURI.

JOPLIN—Plumbers Supply Co.  
 KANSAS CITY—Crane Co. (of Chicago),  
 Kansas City Pump Co., 1314 W 10th  
 Reeves Supply Co., 1304 McGee  
 Southwest Plumbing Supply Co., 2030  
 Walnut  
 United States Water & Steam Supply  
 Co.  
 Young W. B. Supply Co.  
 ST. JOSEPH—Horgan Supply Co.  
 Howe W. B. Supply Co.  
 ST. LOUIS—Cahill-Swift Mfg. Co.  
 Crane Co. (of Chicago)  
 Monument Plumbing Supply Co.,  
 2635 Locust  
 Nelson N. O. Mfg. Co., 10th & Chest-  
 nut  
 Rumsey L. M. Mfg. Co., 810 N 2d  
 SPRINGFIELD—Cooper Harry Supply Co.  
 Springfield Plumbing Co.

## NEBRASKA.

LINCOLN—Cornell-Searl Co.  
 Western Supply Co.  
 OMAHA—Crane Co. (of Chicago)  
 Omaha Sanitary Supply Co.  
 United States Supply Co.  
 Wolff L. Mfg. Co.

## NEW HAMPSHIRE.

MANCHESTER—Manchester Supply Co.  
 Trudell Geo. E. Co.

## NEW JERSEY.

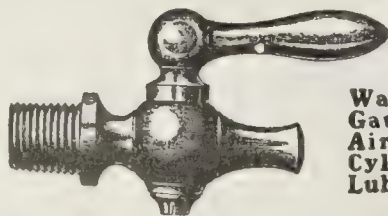
ATLANTIC CITY—Atlantic City Plumbing  
 Supply Co.  
 BAYONNE—Bayonne Supply Co.  
 ELIZABETH—Elizabeth Hardware Co.  
 GUTTENBERG—Herrmann F. W. Co.  
 JERSEY CITY—Jersey City Supply Co.,  
 12 Mercer  
 Letcher R. J. & Son, 191 Morgan  
 Perkins Arthur L., 144 12th  
 Ringle Roofing & Plumbing Co., 83  
 Newark av  
 NEWARK—Crane Co., 84 Mechanic  
 Egbert W. V. & Co., 35 Mechanic  
 Howard Plumbing Supply Co., Howard  
 & Mercer  
 ROE & CONOVER, 206 Frelinghuysen  
 av *See adv index at end of book*  
 PATERSON—McNab & Harlin Mfg. Co.  
 Quinn Bros.  
 Smith Abe  
 TRENTON—Katzenbach F. S. Co.  
 Warren, Balderston & Co.  
 WEEHAWKEN—Berger Edw. W. & Bro.

## NEW YORK.

ALBANY—Hoy & Co.  
 BUFFALO—Buffalo Plumbing Supply Co.,  
 665 Fillmore av

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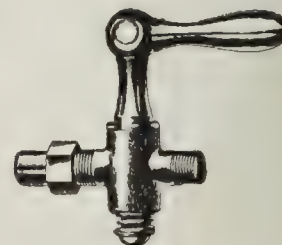
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Warren & Dellwardt Co., 109 Seneca  
ELMIRA—Le Valley-McLeod-Kinkaid Co.  
KINGSTON—Canfield Supply Co.  
NEW ROCHELLE—Dimock & Fink Co.

### NEW YORK CITY.

#### Borough of Brooklyn.

BROOKLYN—American Plumbing Mfg. Co., 164 Atlantic av  
De Laney Thos. M., 576 Atlantic av  
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McElraevy & Hauck Co., 440 B'way  
Sackin & Levinson Co., 523 Atlantic av  
Smyth-Donagan Co., 247 St. Marks av  
Thill A. P. Co., 1035 Putnam av  
Williamsburg Plumbing Supply Co., 3 Moore

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Behrer Arnold & Sons, 273 Pearl  
Behrer & Co., 81 Beekman  
Beith & Reilly Co., 2475 3d av  
Blue & Queripel Co., 2360 3d av  
Bronx Supply Co., 335 E 142d  
Campbell Supply Co., 570 Columbus av  
Central Plumbers Supply Co., 252 Pearl  
Cornell & Underhill, Greenwich & Spring  
Crane Co. (of Chicago), 490 Cherry  
Dimock & Fink Co., 220 E 125th  
Driggs C. V. Inc., 160 E 56th  
Du Bois F. N. & Co., 247 9th av  
General Supply & Equip. Co., 459 Canal  
Glauber Sam S., 242 E 79th  
Harlem Supply Co., 116 E 124th  
Heights Plumbing Supply Co., 495 W 145th  
Hotchkiss Vail & Garrison Co., 104 E 41st  
Hungerford U. T. Brass & Copper Co., 80 Lafayette  
Hussey W. H. & Son, 148 W 35th  
Interboro Plumbing Supply Co., 3923 3d av  
Johnson J. D. Co., 54 Cliff  
Kamerman I., 1660 Park av  
Keating E. F. Co., 446 Water  
McLoughlin & Donovan, 47 Cliff  
McMann & Taylor Co., 104 John  
*See adv index at end of book*  
McShane Bell Fdy. Co., 50 Church  
Malbin Mayer, 303 E 60th  
Meyer-Sniffin Co., 11 W 36th  
Mott J. L. Iron Works, 118 5th av  
Murray Jno. A. & Co., 310 W 39th  
NASON MFG. CO., 71 Fulton  
*See adv index at end of book*  
Peck Bros. & Co. (of New Haven, Conn.), 219 W 49th  
PIERCE, BUTLER & PIERCE MFG. CORP., 437 E 162d  
Simmons John Co., 110 Centre  
Smolka Edw. Plumbing Supply Co. (Inc.), 231 E 33d  
Standard Plumbing Supply Co., St. Anns av & 159th  
Stein Henry (Mfrs.' Agent), 48 Cliff  
Swain Frank E. (Specialties), 69 Beekman  
Trumpbour-Whitehead Brass & Copper Co. (Brass Plumbing Supplies), 309-311 Canal  
*See adv index at end of book*  
United Plumbers' Supply Co., 181 E 108th  
Walsh & Hartwig, 217 E 58th  
Wellsberg Chas., Plumbing Supply Co., 158 Stanton

#### End of New York City

ROCHESTER—Ford R. T. Co., South Hunting Co.  
Sloan Samuel & Co., 67 Exchange  
SYRACUSE—Foley Supply Co.  
TROY—Aird-Don Co.  
UTICA—Millar Chas. & Son Co.  
Utica Plumbing Supply Co.  
WATERTOWN—Hunting Co.  
Weekes Jno. & Son Co.  
Wise J. B. Inc. (Mfrs.)  
YONKERS—Yonkers Plumbing Supply Co.

### NORTH DAKOTA.

FARGO—Crane & Ordway Co.

### OHIO.

CINCINNATI—Crane Co. (of Chicago), Est. 1855, 824 B'way  
Douglas Jno. Co., Carthage  
King Walter E. Co., 115 W 3rd  
Lipp Louis Co., Mitchell av & B. & O. Ry.  
McDonald Jas. & Sons Co.  
Merkel Bros. Co., Canal & Jackson  
Murdock Mfg. & Supply Co., 426 Plum  
CLEVELAND—Best Mfg. Co., 4610 St. Clair av  
Cleveland Plumbing Supply Co., 1017 Walnut  
Fisher E. W. Co., 811 Superior av, N E  
Kennedy Co., Euclid av  
Paramount Brass & Mfg. Co. (Specialties), 2187 E 2d  
Rivitz H. S. & Co., 2112 Ontario  
Standard Mfg. Co., 4425 Euclid av  
Welker Supply Co., 6504 Carnegie av, S E  
Worthington Geo. Co., 802 St. Clair av N W  
COLUMBUS—Ascher Supply Co., 288 N High  
Columbus Supply Co., 37 W Spring  
Plumbers' & Factory Supply Co., 33 E Spring  
Scioto Valley Supply Co.  
Westwater Supply Co., 150 N 3d  
DAYTON—Dayton Supply Co.  
Gibbons M. J. Supply Co.  
LIMA—Good Tool & Supply Co.  
MANSFIELD—Hughes Supply Co.  
Humphreys Mfg. Co.  
NEWARK—Universal Supply Co.  
NORWALK—Gfell Jno. H. & Co.  
PORTSMOUTH—Standard Supply Co.  
ST. MARYS—Jasperson Supply Co.  
TIFFIN—Crobaugh & Dahm  
TOLEDO—American Plumbers' Supply Co.  
Grosswiller Jos. F. Co., 430 Huron  
Ohio Plumbers' Supply Co.  
ZANESVILLE—Roekel Co.

### OKLAHOMA.

MUSKOGEE—Atlas Supply Co.  
OKLAHOMA—Crane Co. (of Chicago)

### OREGON.

PORTLAND—Crane Co. (of Chicago)  
Gauld Co., 69 N 12th  
Kline M. L. 84 Front  
Peerless Pacific Co., 6 N Front

### PENNSYLVANIA.

ALTOONA—Standard Supply & Equipment Co.  
CHESTER—Turner Supply Co.  
CONSHOHOCKEN—Case W. A. & Son Mfg. Co.  
DANVILLE—Danville Hardware & Supply Co.  
ERIE—Standard Pipe & Supply Co.  
HARRISBURG—Appleby Bros. & Whitaker Co.  
Mather E. Co.  
LANCASTER—Sheet Metal & Supply Co.  
PHILADELPHIA—Blessing C. A., 516 Montgomery av  
Cooper Sanitary Mfg. Co., 34th & Chestnut  
Crane Co. (of Chicago), 22 S 5th  
Fleck Bros. Co., 44 N 5th  
Ford & Kendig Co., 312 W 24th  
Freedman, Small & Co., 623 S 6th  
Froelich Bros., 142 N 7th  
Haines Jones & Cadbury Co., 1136 Ridge av  
Haynes-Thompson Co., 2107 Vine  
Keystone Supply & Mfg. Co., 917 N 9th  
McCambridge Co., 315 No 20th  
Perkes Chas. Co., 627 Arch  
Rinear C. J. & Co., 518 Arch  
Savill's Thos. Sons, 1310 Wallace  
Schaffer Chas. W. Co., 3214 Chestnut  
Shuster Plumbing Supply Co., Willow & Franklin  
Trumpbour-Whitehead Brass & Copper Co. (Brass Plumbing Supplies), 43 No 7th  
*See adv index at end of book*  
Walls, Owen & Stambach Co., 11th & Hamilton  
PITTSBURGH—Anchor Sanitary Co., 123 3d av  
Bailey-Farrell Mfg. Co., 3d av & Ross  
Bowman Supply & Mfg. Co., 890 Main  
Fort Pitt Supply Co., 332 2d av  
Harris Pump & Supply Co., 320 2d av  
Kelly & Jones Co., 135 Water

Standard Mfg. Co., 439 Water  
Standard Supply & Equipment Co., 29 & Smallman  
POTTSTOWN—Fegely J. & Son  
POTTSVILLE—Bright Geo. Hardware Co.  
Pottsville Supply Co.  
READING—Bright & Co.  
Reading Foundry & Supply Co.  
SCRANTON—Gunster Bros.  
Scott Chas. B. Co.  
Weeks R. E. Co.  
SHAMOKIN—Sanner Hardware Co.  
TITUSVILLE—Kernochan & Co.  
WILKES-BARRE—Eastern Pennsylvania Supply Co.  
Wyoming Valley Supply & Mfg. Co.  
YORK—Small P. A. & S. Co.  
YOUNGWOOD—Robertshaw Mfg. Co.

### RHODE ISLAND.

PROVIDENCE—Peck Benj. T., 251 Eddy  
Phillips Lead & Supply Co., 91 S Main  
Providence Plumbing Supply Co., 241 W Exchange  
Tillinghast L. H. Supply Co., 162 Dor-rance

### SOUTH CAROLINA.

CHARLESTOWN—Bailey-Lebby Co.  
Cameron & Barkley Co.  
COLUMBIA—Southern States Supply Co.

### SOUTH DAKOTA.

SIOUX FALLS—Plumbing Supply Co.  
WATERTOWN—Crane & Ordway Co.

### TENNESSEE.

CHATTANOOGA—James Supply Co.  
KNOXVILLE—Crane Co.  
McClung C. M. & Co.  
MEMPHIS—Crane Co. (of Chicago)  
NASHVILLE—Case W. A. & Son Mfg. Co.  
Gray & Dudley Hardware Co.

### TEXAS.

DALLAS—Ahrens & Ott Mfg. Co.  
Wolff L. Mfg. Co.  
EL PASO—Momsen-Dunnegan-Ryan Co.  
HOUSTON—Keithly Co.  
Nelson N. O. Co.  
PARIS—Collins & Moore  
SAN ANTONIO—Ahrens & Ott Mfg. Co.

### UTAH.

SALT LAKE CITY—Crane Co. (of Chicago)  
Nelson Jos. Supply Co.  
West Co.

### VERMONT.

RUTLAND—Lincoln Iron Works

### VIRGINIA.

HAMPTON—Booker H. R. & Co.  
NORFOLK—Lum A. L. & Co.  
Seaboard Supply Co.  
Virginia-Carolina Supply Co.  
RICHMOND—McGraw-Yarbrough Co.  
Virginia-Carolina Supply Co.

### WASHINGTON.

SEATTLE—Bowles Co., 107 Jackson  
Crane Co. (of Chicago)  
Hambach A. Co., 1st av S & King  
SPOKANE—Crane Co. (of Chicago)  
Holley-Mason Hardware Co.  
Hughes & Co.  
TACOMA—Crane Co. (of Chicago)  
Walsh & Gardner Co.

### WEST VIRGINIA.

WHEELING—Trimble & Lutz Supply Co.

### WISCONSIN.

GREEN BAY—Murphy Supply Co.  
LA CROSSE—La Crosse Plumbing Supply Co.  
Roosevelt W. A. Co.  
MILWAUKEE—Dengel F. R. Mfg. Co., 336 4th  
Hoffman B. Mfg. Co., 257 6th  
Hoffman & Billings Mfg. Co., 100 2nd  
McNally C. W. Co., 199 E Water



Rom Robt. Co., 1023 St. Paul av  
Rundle-Spence Mfg. Co., 63 2d  
Wisconsin Plumbing & Heating Supply  
Co., 298 Reed

### 11256—Plumbers' Wood Work

For Jobbers of this Trade see Plumbers' Supplies, Jobbers

American Woodwork Mfg. Co. (White & Varnished), Evansville, Ind.  
B R E Mfg. Co. ("B R E" Closet Seats & Tanks), Hyde Park, Mass.  
Becker Mfg. Co., The ("Beco" White, "Hercules" Seat), Marietta, O.  
Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.  
Buckeye Tank & Seat Co., Canton, O.  
Budde Mfg. Co., 1065 Howard, San Francisco, Cal.  
Burlington Venetian Blind Co., Burlington, Vt.  
Burrows Wm. Mfg. Co., 430 Kent av, Brooklyn, N. Y.  
Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.  
Climax Sanitary Co. ("Climax" Lock Joint), Detroit, Mich.  
Columbus Brass Co. ("Fibro" Seats & "Simplex" Tanks), 538 Dublin av, Columbus, O. *See adv index at end of book*  
Concord Woodworking Co., Concord, N. H.  
Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.  
Detroit Bath Tub & Brass Co., Detroit, Mich.  
Douglas Jno. Co., Carthage, Cincinnati, O.  
Eichman J. C. Mfg. Co. ("Hammerlock"), Bush & Wicomico, Baltimore, Md.  
Emery Wm. S. ("Non-Split"), 74 Cliff, New York  
Federal-Huber Co., 234 N Halsted, Chicago, Ill.  
Ferguson Supply Co., Grand Rapids, Mich.  
Findelsen & Kropf Mfg. Co., 2550 W 21st, Chicago, Ill.  
Heap Wm. & Sons (Seats, Tanks, Low-down Tanks, Export English Pattern), Grand Haven, Mich.  
Ideal Mfg. Co. (Seats & Tanks), Franklin & Dubois, Detroit, Mich.  
Knott Mfg. Co., Tell City, Ind.  
Leclaire Mfg. Co., Edwardsville, Ill.  
Lipp Louis Co., Mitchell av & B. & O. Ry, Cincinnati, O.  
McLane Mfg. Co., Milford, N. H.  
Miller Chas. A. Co. (Seats & Tanks), Sturgis, Mich.  
Never-Split Seat Co. ("Never-Split" Closet Seats), Evansville, Ind.  
Olmstead-Thomson Mfg. Co., New Britain, Conn.  
Park & McKay, 55 Bagley av, Detroit, Mich.  
Patterson-Kiser Seat Co. ("Allright"), Greensboro, N. C.  
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.  
Phila. Sheet Metal & Wood Works, 108 Reed, Phila., Pa.  
Plumbers' Woodwork Co. ("Badger"), Algoma, Wis.  
Shwab Bros. Co. ("Never-Break"), 811 E 9th, New York  
Sillcocks-Miller Co. ("Celluvarno"), South Orange, N. J.  
Spies Mfg. Co., Abingdon, Ill.  
Standard Sanitary Mfg. Co. (Celluloid Covered & Plain Seats), Bessemer bldg, Pittsburgh, Pa.  
Swain-Carpenter Co., 7th & Morris, Phila., Pa.  
Thompson Mfg. Co., Holland, Mich.  
Van Arnham Mfg. Co., Fort Wayne, Ind.

### 11257—Plumes (Horse Hair)

Bevin Bros. Mfg. Co., E. Hampton, Conn.  
Gem Hammock & Fly Net Co., 191 Hanover, Milwaukee, Wis.  
Rauschenberger John Co., 87 W Water, Milwaukee, Wis.  
Wallace F. J. Co. (For Sleighs), Meriden, Conn.

### 11258—Plungers (Lime)

Emrich Phil., 824 Main, Cincinnati, O.

### 11259—Plungers (Pump)

Birdsboro Steel Foundry & Machine Co. (Chilled Iron, Ground & Finished), Birdsboro, Pa.

### 11260—Plushes

American Velvet Co. (Silk), Stonington, Conn.  
Astoria Silk Works (Silk), 727 Steinway av, Long Island City, N. Y.  
Baker A. T. & Co. (Cotton & Mohair), Main & Carson, Phila., Pa.  
Baxter, Kelley & Faust (Cotton), 29 E 19th, New York  
Blumenthal Sidney & Co. (Silk, Cotton & Mohair), Shelton, Conn.  
Brookside Mills, Knoxville, Tenn.  
Chase L. C. & Co. ("Goat" Brand Mohair & Car), 89 Franklin, Boston, Mass. *See adv index at end of book*  
Cheney Bros. (Silk Dress), So. Manchester, Conn.  
Collins & Aikman Co. (Cotton, Linen, Mohair & Car), 4675 Nixon, Phila., Pa.  
Contrexeville Mfg. Co. (Cotton, Flax & Jute), Manville, R. I.  
Dobson J. & J. (Velvet, Silk, Mohair, Seal & Cotton Plushes), Falls Schuylkill, Phila., Pa.  
Eagle Mills (Cotton), Woonsocket, R. I.  
Holyoke Plush Co., Holyoke, Mass.  
Lees Daniel (Estate of) (Cotton Upholstery Velours), Glen Riddle, Pa.  
Mass. Mohair Plush Co. (Mohair Car & Furniture), 200 Devonshire, Boston, Mass.  
Mianus Mfg. Co. (Woolen for Cloakings, Shoes, Gloves, etc.), Coscob, Conn.  
Oxford Plush Mills (Verona Plushes), Front & Oxford, Phila., Pa.  
Pearson Fred & Co. (Verona Upholstery, Drapery, etc), Leverington & Wilde, Phila., Pa.  
Peerless Plush Mfg. Co. (Cotton & Silk Upholstery, Mohair & Seal Mantile Plushes), Paterson, N. J.  
Salt's Textile Mfg. Co. (Silk, Seal, Upholstery & Mohair), Bridgeport, Conn.  
Sanford Mills (Mohair, Furniture, Car, etc), Sanford, Me.  
Simon R. & H. Co. (Silk Dress), Town of Union, N. J.  
Stroock Plush Co. (Moquettes & Plain Plush), Newburgh, N. Y.  
Tingue Mfg. Co. (Mohair), Seymour, Conn.  
Victoria Plush Mills (Silk), Swarthmore, Pa.

### Pneumatic Air Hoists

See Pneumatic Hoists

### 11261—Pneumatic Ash Handling System

Green Engineering Co. ("Geco" for Power Plants), East Chicago, Ind.

### 11262—Pneumatic Baby Drillers

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

### 11263—Pneumatic Beading Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
Cleveland Pneumatic Tool Co. ("Cleveland"), 6410 Hawthorne av, Cleveland, O.  
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.  
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.  
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.  
Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*  
Keller Pneumatic Tool Co. ("Keller"), Fond du Lac, Wis.  
Monarch Pneumatic Tool Co., East St. Louis, Ill.  
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.  
Pittsburg Pneumatic Co., Canton, Ohio

### 11263a—\*Pneumatic Boiler Makers' Hammers

Ingersoll-Rand Co. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

### 11264—Pneumatic Boiler Riveters

Allen John F. Co. (Percussion & Compression), 370 Gerard av, New York

Hanna Engineering Works ("Hanna"), 2059 Elston av, Chicago, Ill.

### 11265—Pneumatic Boiler Scaler

Dallett Thos. H. Co. ("Dallett"), Juniper & Federal, Phila., Pa.

### 11266—Pneumatic Bolt Nippers

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.

*See adv index at end of book*

Helwig Mfg. Co. ("Helwig" Portable), St. Paul, Minn.

### 11267—Pneumatic Breast Drills

CHICAGO PNEUMATIC TOOL CO.

("Duntley"), Fisher bldg, Chicago, Ill.

*See adv index at end of book*

Cleveland Pneumatic Tool Co. ("Cleveland"), 6410 Hawthorne av, Cleveland, Ohio

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

Independent Pneumatic Tool Co. ("Thor"),

1307 Michigan av, Chicago, Ill.

INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

### 11268—Pneumatic Casting Cleaners

See Pneumatic Scaling Hammers

### 11269—Pneumatic Chain Hoists

See Pneumatic Hoists

### 11270—Pneumatic Chipping & Calking Hammers

BLISS E. W. CO., 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*

Cleveland Pneumatic Tool Co. ("Cleveland"), 6410 Hawthorne av, Cleveland, Ohio

Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.

Hardsoeg Wonder Drill Co. ("Wonder"),

Ottumwa, Ia.

Helwig Mfg. Co. ("Helwig" & Beading),

St. Paul, Minn.

Independent Pneumatic Tool Co. ("Thor"),

1307 Michigan av, Chicago, Ill.

INGERSOLL-RAND CO. ("Crown," "Imperial" & "Little David"), 11 B'way,

New York *See adv index at end of book*

Keller Pneumatic Tool Co. ("Keller"),

Fond du Lac, Wis.

Monarch Pneumatic Tool Co. ("Monarch"),

E St. Louis, Ill.

Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.

Pittsburgh Pneumatic Co., Canton, O.

### 11271—Pneumatic Compression Riveters

Albree Chester B. Iron Works Co., 1201 Metropolitan, Pittsburgh, Pa.

Allen John F. Co., 370 Gerard av, New York

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.

*See adv index at end of book*

Hanna Engineering Works, 2059 Elston av, Chicago, Ill.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

SHEPARD ELECTRIC CRANE & HOIST CO. ("Shepard"), Montour Falls, N. Y.

*See adv index at end of book*

Slocumb F. F. & Co. ("Caskey"), 14th & Poplar, Wilmington, Del.

### Pneumatic Concrete Rammers

See Pneumatic Sand Rammers

### 11272—Pneumatic Corner Drills

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill.

*See adv index at end of book*

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.

Ingersoll-Rand Co., 11 Broadway, New York. *See adv index at end of book*



**11273—\*Pneumatic Crane Motors**

See also Pneumatic Motors  
Ingersoll-Rand Co. ("Imperial," "Little Tugger"), 11 B'way, New York  
*See adv index at end of book*

**Pneumatic Despatch Tubes**

See Pneumatic Tubes

**11274—Pneumatic Drift Bolt Drivers**

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Cleveland Pneumatic Tool Co., Cleveland, Ohio

**11275-6—Pneumatic Drills**

**CHICAGO PNEUMATIC TOOL CO.** ("Little Giant," "Boyer," "Keller"), Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Cleveland Pneumatic Tool Co. (Corner Drills), Cleveland, O.  
Dallett Thos. H. Co., Juniper & Federal, Phila., Pa.  
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.  
Helwig Mfg. Co. ("Helwig," Reversible), St. Paul, Minn.  
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*  
Keller Pneumatic Tool Co. ("Keller"), Fond du Lac, Wis.  
Monarch Pneumatic Tool Co. ("Monarch"), E. St. Louis, Ill.  
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Shaw C. H. Pneumatic Tool Co., Denver, Colo.

**Pneumatic Feather Drills**

See Pneumatic Plug Drillers

**11277-8—Pneumatic Flue Cutters**

See also Cutters, Flue

Monarch Pneumatic Tool Co. ("Monarch"), E. St. Louis, Ill.  
Union Machine Co., 183 University av, St. Paul, Minn.

**11279—Pneumatic Flue Rollers**

Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.  
Independent Pneumatic Tool Co. ("Thor" Reversible), 1307 Michigan av, Chicago, Ill.  
Keller Pneumatic Tool Co. ("Keller"), Fond du Lac, Wis.  
Union Machine Co. (Ball Bearing), 183 University av, St. Paul, Minn.

**11280—Pneumatic Flue Welders**

See also Flue Welding Machines  
Draper Mfg. Co. ("Draper Improved"), Port Huron, Mich.  
MacLeod Co., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book*

**Pneumatic Forges**

See Forges, Pneumatic

**11281—Pneumatic Forging Hammers or Machines**

**BLISS E. W. CO.** (Compound Pneumatic Forging Hammers), 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Nazel Engineering & Machine Wks. ("Nazel"), 4049 N 5th, Phila., Pa.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

**Pneumatic Foundry Rammers**

See Pneumatic Sand Rammers

**Pneumatic Granite Cutters' Tools**

See Pneumatic Stone Cutters' Tools

**11282—Pneumatic Hammer Drills**

Cleveland Rock Drill Co., Cleveland, O.  
Denver Rock Drill Mfg. Co. ("Waugh"), Denver, Colo.  
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.  
**INGERSOLL-RAND CO.** ("Bull Moose," "Jackhammer," "Leyner - Ingersoll," "Jackstopper" & "Butterfly"), 11 B'way, New York  
*See adv index at end of book*  
Sullivan Machinery Co. ("Sullivan"), Peoples Gas bldg, Chicago, Ill.  
Whitcomb Geo. D. Co. ("Whitcomb"), Rochelle, Ill.

**11283—Pneumatic Hammers**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**CHICAGO PNEUMATIC TOOL CO.** ("Boyer," "Keller," Riveting & Chipping), Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Cleveland Pneumatic Tool Co. ("New Cleveland"), 6410 Hawthorne av, Cleveland, O.  
Dallett Thos. H. Co. (Stone Workers), Juniper & Federal, Phila., Pa.  
Dayton Pneumatic Tool Co. ("Green" & "Dayton"), Dayton, O.  
Helwig Mfg. Co. ("Helwig," for Chipping, Calking & Riveting), St. Paul, Minn.  
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Imperial"), "Crown" & "Little David"), 11 B'way, New York. *See adv index at end of book*  
Leyner J. Geo. Engineering Works Co. (For Stone or Metal), Littleton, Colo.  
Monarch Pneumatic Tool Co. ("Monarch"), E. St. Louis, Ill.  
Oldham Geo. & Son Co. (For Stone, Marble & Granite), 4326 Thackawanna, Frankford, Phila., Pa.  
Pittsburgh Pneumatic Co., Canton, O.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Shaw C. H. Pneumatic Tool Co., 35th & Wazee, Denver, Colo.

**11284—Pneumatic Hoists**

**CHICAGO PNEUMATIC TOOL CO.** (Geared & Trolley Combined), Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Curtis & Co. Mfg. Co. (Vertical, Horizontal Traveling, etc), 1571 Kienlen av, St. Louis, Mo.  
Dake Engine Co. (Chain or Wire Rope), Grand Haven, Mich.  
**DETROIT HOIST & MACHINE CO.**, Detroit, Mich. *See adv index at end of book*  
Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Imperial" & "Little Luger"), 11 B'way, New York  
*See adv index at end of book*  
Leyner J. G. Engng. Wks. Co., Littleton, Colo.  
**NORTHERN ENGINEERING WKS.**, 9 Chene, Detroit, Mich.  
*See adv index at end of book*  
Rix Compressed Air & Drill Co. (Mine), 505 Howard, San Francisco, Cal.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Weir & Craig Mfg. Co. (1 to 10 Ton), 2421 Wallace, Chicago, Ill.  
Whiting Foundry Equipment Co., Harvey, Ill.

**11285—Pneumatic Hose Couplings**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**CHICAGO PNEUMATIC TOOL CO.** ("Chicago-Universal"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
Clark W. J. Co. ("Quick-As-Wink"), Salem, O.  
Cleveland Pneumatic Tool Co. ("Bowes"), 6410 Hawthorne av, Cleveland, O.  
Curtis & Co. Mfg. Co. ("Curtis"), 1571 Kienlen av, St. Louis, Mo.  
Dallett Thos. H. Co. ("Dallett" Automatic), Juniper & Federal, Phila., Pa.  
Edwards H. D. & Co. ("Joy" Automatic), 16 Woodward av, Detroit, Mich.  
Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.  
Howell F. R. Brass Works, 122 N Franklin, Phila., Pa.  
Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*

Keller Pneumatic Tool Co. ("Thompson"), Fond du Lac, Wis.  
Knox Mfg. Co., 821 Cherry, Phila., Pa.  
Moran Flexible Steam Joint Co. (All Metal Flexible; also for Steam or Liquid), Louisville, Ky.  
Morse A. J. & Son, 221 High, Boston, Mass.  
Mulconroy Co. ("Mulconroy" Couplings & Nipple), 54th & Jefferson, Phila., Pa.  
Rauch Mfg. Co. ("Eureka," "Reliable"), Galena, Kansas  
Wood Drill Works ("Wood"), Paterson, N. J.  
Yarnall-Waring Co. (Swivel Joint, "Casey-Simplex"), Harrison bldg., Phila., Pa.

**11286—\*Pneumatic Jacks**

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*

**11287—Pneumatic Jam Riveters**

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Hanna Engineering Works ("Hanna"), 2059 Elston av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Little David"), 11 B'way, New York  
*See adv index at end of book*  
Monarch Pneumatic Tool Co., E. St. Louis, Ill.

**11288 Pneumatic Motors**

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Cleveland Pneumatic Tool Co. ("Cleveland"), 6410 Hawthorne av, Cleveland, Ohio  
Dake Engine Co. (Reversible), Grand Haven, Mich.  
**DETROIT HOIST & MACHINE CO.**, Detroit, Mich. *See adv index at end of book*  
Draper Mfg. Co. ("McGrath" for R. R. Turntables, etc), Port Huron, Mich.  
Helwig Mfg. Co. ("Helwig" Reversible, Both End & Central Spindle for Metal & Wood Boring), St. Paul, Minn.  
Independent Pneumatic Tool Co. ("Thor"), 1307 Michigan av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Imperial" & "Little Tugger"), 11 B'way, New York  
*See adv index at end of book*  
Neumeyer & Dimond ("Demag" for Shaking Troughs, Imp.), 82 Beaver, New York

**11289—\*Pneumatic Motors & Geared Pneumatic Hoists**

**DETROIT HOIST & MACHINE CO.**, Detroit, Mich. *See adv index at end of book*

**-- PNEUMATIC MOTORS --**  
**-- AND --**  
**Geared Pneumatic Hoists**  
**DETROIT HOIST & MACHINE CO**  
**DETROIT, MICH.**

**11290—\*Pneumatic Painting Machines**

See also Paint & Whitewash Spraying Machines  
Spray Engineering Co. (Equipments), 93 Federal, Boston, Mass.

**11291—Pneumatic Pile Drivers**

Browning Co. (Railroad Car), Cleveland, Ohio  
**CHICAGO PNEUMATIC TOOL CO.** ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
**INGERSOLL-RAND CO.** (Sheet), 11 B'way, New York  
*See adv index at end of book*  
Leyner J. Geo. Engineering Works Co., Littleton, Col.



McKiernan-Terry Drill Co. (Sheet), Woolworth bldg, New York  
Oldham Geo. & Son Co., 4326 Thackawanna, Frankford, Phila., Pa.

### 11292—Pneumatic Piston Drills

**CHICAGO PNEUMATIC TOOL CO.** ("Little Giant," "Boyer"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
**Cleveland Pneumatic Tool Co.** ("Cleveland" Four Piston), Cleveland, O.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Independent Pneumatic Tool Co.** ("Thor" Air), 1307 Michigan av, Chicago, Ill.  
**Ingersoll-Rand Co.** ("Imperial" & "Little David"), 11 B'way, New York  
*See adv index at end of book*  
**Monarch Pneumatic Tool Co.** ("Monarch"), E St. Louis, Ill.  
**Pittsburgh Pneumatic Co.**, Canton, O.

### 11293—Pneumatic Plug Drillers

**Cleveland Rock Drill Co.**, Cleveland, O.  
**Dallett Thos. H. Co.**, Juniper & Federal, Phila., Pa.  
**Denver Rock Drill Mfg. Co.** ("Waugh"), Denver, Colo.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**INGERSOLL-RAND CO.** ("Butterfly," "Imperial," "Jackhammer," "Bull Moose," "Invincible"), 11 B'way, New York  
*See adv index at end of book*  
**Shaw C. H. Pneumatic Tool Co.**, Denver, Colo.

### 11294—Pneumatic Presses

**Slocomb F. F. & Co.** ("Caskey"), 14th & Poplar, Wilmington, Del.  
**Springfield Machine Tool Co.** (Intensifying), Springfield, O.

### 11295—\*Pneumatic Pumping Systems

*See also Pneumatic Water Supply System; also Pumps, Pneumatic*  
**INGERSOLL-RAND CO.** (Air Lift & Return-Air), 11 B'way, New York  
*See adv index at end of book*

### 11296—Pneumatic Punches

**Hanna Engineering Works** (Portable), 2059 Elston av, Chicago, Ill.  
**Slocomb F. F. & Co.** ("Caskey" Portable), 14th & Poplar, Wilmington, Del.

### 11297—Pneumatic Reaming & Tapping Drills

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
**Cleveland Pneumatic Tool Co.** ("Cleveland"), 6410 Hawthorne av, Cleveland, O.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Independent Pneumatic Tool Co.** ("Thor" Reversible), 1307 Michigan av, Chicago, Ill.  
**Ingersoll-Rand Co.** ("Crown," "Imperial" & "Little David"), 11 B'way, New York  
*See adv index at end of book*  
**Monarch Pneumatic Tool Co.** ("Monarch"), E St. Louis, Ill.

### 11298—Pneumatic Reaming & Tapping Motors

**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Keller Pneumatic Tool Co.** ("Keller"), Fond du Lac, Wis.

### 11299—Pneumatic Rivet Holder-On

**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
**Cleveland Pneumatic Tool Co.** ("Cleveland"), 6410 Hawthorne av, Cleveland, O.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**INGERSOLL-RAND CO.** ("Little David"), 11 B'way, New York  
*See adv index at end of book*  
**Manitowoc Engineering Works**, Manitowoc, Wis.

**Monarch Pneumatic Tool Co.**, E. St. Louis, Ill.  
**Pittsburgh Pneumatic Co.**, Canton, O.

### 11300—Pneumatic Rivet Sets

**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av, N E Cleveland, O.

### 11301—Pneumatic Riveters

*See also Hammers, Riveting*  
**Albree Chester B. Iron Works Co.** ("Albree" Automatic Portable), 1201 Metropolitan, Pittsburgh, Pa.  
**ALLEN JNO. F. CO.** (Percussion & Compression), 370 Gerard av, New York  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**Chambersburg Engineering Co.** (Heavy), Chambersburg, Pa.  
**CHICAGO PNEUMATIC TOOL CO.** ("Boyer"), Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
**Cleveland Pneumatic Tool Co.** ("Ajax" & "Cleveland") Pocket-in-head, Cleveland, O.

**Dayton Pneumatic Tool Co.**, Dayton, O.  
**Grant Mfg. & Machine Co.** ("Grant"), Bridgeport, Conn.  
**Hanna Engineering Works** ("Hanna," "Pedrick" & Ayer," Hydro-Pneu & Plain Toggle), 2059 Elston av, Chicago, Ill.  
**Hardsoeg Wonder Drill Co.** ("Wonder" for Boilers, Tanks, etc), Ottumwa, Ia.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.

**Independent Pneumatic Tool Co.** ("Thor"), 1307 Michigan av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Little David," "Imperial" & "Crown"), 11 B'way, New York  
*See adv index at end of book*  
**Keller Pneumatic Tool Co.** ("Keller"), Fond du Lac, Wis.  
**Monarch Pneumatic Tool Co.** ("Monarch"), E St. Louis, Ill.  
**Oldham Geo. & Son Co.**, 4326 Thackawanna, Frankford, Phila., Pa.  
**Pittsburgh Pneumatic Co.**, Canton, O.  
**Ryerson Jos. T. & Son**, 2558 W 16th, Chicago, Ill.

**SHEPARD ELECTRIC CRANE & HOIST CO.** ("Shepard" Compression Multiple Power, etc), Montour Falls, N. Y.  
*See adv index at end of book*  
**Slocomb F. F. & Co.** ("Cackey"), 14th & Poplar, Wilmington, Del.

### 11302—Pneumatic Rock Drills

*See also Pneumatic Plug Drillers*  
**Carnahan C. T. Mfg. Co.** ("Murphy"), Denver, Colo.  
**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
**Cleveland Rock Drill Co.**, Cleveland, O.  
**Cochise Machine Co.**, Los Angeles, Cal.  
**Denver Rock Drill Mfg. Co.** ("Waugh"), Denver, Colo.  
**Hardsoeg Wonder Drill Co.** ("Hardsoeg," "Wonder"), Ottumwa, Ia.  
**INGERSOLL-RAND CO.** ("Sergeant," "Little Giant," "Butterfly," & "Leyner Ingersoll"), 11 B'way, New York  
*See adv index at end of book*  
**Leyner J. Geo. Engineering Works Co.** ("Leyner"), Littleton, Colo.  
**Mine & Smelter Supply Co.** ("Holman"), 42 B'way, New York  
**Neumeyer & Dimond** ("Demag" Imp.), 82 Beaver, New York  
**Shaw C. H. Pneumatic Tool Co.** ("Shaw," "Eclipse" Air Hammer), Denver, Col.  
**Wickes Bros.** ("Murphy's" Little Champion), Jersey City, N. J.  
**Wood Drill Works**, Paterson, N. J.

### 11303—Pneumatic Rotary Drills

**Cleveland Pneumatic Tool Co.** ("Cleveland" Breast), 6410 Hawthorne av, Cleveland, O.  
**Ingersoll-Rand Co.** ("Crown," "Imperial," "Little David"), 11 B'way, New York  
*See adv index at end of book*  
**Monarch Pneumatic Tool Co.**, E. St. Louis, Ill.

### 11304—Pneumatic Sand Rammers

*See also Rammers, Foundry*  
**CHICAGO PNEUMATIC TOOL CO.** ("Chicago," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*

**Cleveland Pneumatic Tool Co.**, Cleveland, O.

**Dayton Pneumatic Tool Co.**, Dayton, O.  
**Independent Pneumatic Tool Co.** ("Thor"), 1307 Michigan av, Chicago, Ill.

**INGERSOLL-RAND CO.** ("Crown"), 11 B'way, New York  
*See adv index at end of book*  
**Keller Pneumatic Tool Co.** ("Keller"), Fond du Lac, Wis.  
**Pittsburgh Pneumatic Co.**, Canton, O.

### 11305—Pneumatic Sand Sifters

*See Sifters, Sand, with the Word "Pneumatic" Following the Names*

### 11306—Pneumatic Scaling Hammers

*For Scaling Castings, Etc*

**CHICAGO PNEUMATIC TOOL CO.** ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
**Cleveland Pneumatic Tool Co.** ("Cleveland"), 6410 Hawthorne av, Cleveland, O.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Independent Pneumatic Tool Co.** ("Thor"), 1307 Michigan av, Chicago, Ill.  
**INGERSOLL-RAND CO.** ("Crown," "Imperial," "Little David"), 11 B'way, New York  
*See adv index at end of book*  
**Keller Pneumatic Tool Co.** ("Keller"), Fond du Lac, Wis.  
**Monarch Pneumatic Tool Co.**, E St. Louis, Ill.

### 11307—Pneumatic Staybolt Breakers

**Reliance Mach. & Tool Wks.**, Charming & Franklin avs, St. Louis, Mo.

### 11308—Pneumatic Staybolt Clippers

**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.

### 11309—Pneumatic Staybolt Cutters

*See also Cutters, Staybolt*  
**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Reliance Machine & Tool Works**, Charming & Franklin avs, St. Louis

### 11310—Pneumatic Staybolt Nippers

*See Pneumatic Bolt Nippers*

### 11311—Pneumatic Stone Carving Tools

**BLISS E. W. CO.** (Sheet Metal), 19 Adams, Brooklyn, N. Y.  
*See adv index at end of book*  
**CHICAGO PNEUMATIC TOOL CO.** ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
**Dallett Thos. H. Co.**, Juniper & Federal, Phila., Pa.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Ingersoll-Rand Co.**, 11 B'way  
*See adv index at end of book*  
**Oldham Geo. & Son Co.**, 4326 Thackawanna, Frankford, Phila., Pa.  
**Trow & Holden Co.**, Barre, Vt.

### 11312—Pneumatic Stone Cutters' Tools

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**CHICAGO PNEUMATIC TOOL CO.** ("Boyer," "Keller"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
**Dallett Thos. H. Co.**, Juniper & Federal, Phila., Pa.  
**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.  
**Ingersoll-Rand Co.**, 11 B'way, New York  
*See adv index at end of book*  
**Oldham Geo. & Son Co.**, 4326 Thackawanna, Frankford, Phila., Pa.  
**Trow & Holden Co.** ("Barre"), Barre, Vt.

### 11313—Pneumatic Stone Surfacing Machines

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*



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The products advertised are those for which there is a *National* demand and are generally the best of their kind.

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Electric Grinders, "Duntley"  
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Hammers, Chipping and Calking  
Hammers, Stone  
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Holders-on  
Hose, Special High Grade

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Staybolt Nippers  
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**CHICAGO PNEUMATIC TOOL CO.** ("Keller"), Fisher bldg, Chicago, Ill.  
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**Dallett Thos. H. Co., Juniper & Federal,** Phila., Pa.  
**Livingston Mfg. Co.,** Rockland, Me.  
**Oldham Geo. & Son Co.** (Portable), 4326 Thackawanna, Frankford, Phila., Pa.  
**Trow & Holden Co.,** Barre, Vt.

### 11314—\*Pneumatic Tool Appliances

**CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg, Chicago, Ill.  
*See adv index at end of book*

### 11315—Pneumatic Tool Lubricants

**Cleveland Pneumatic Tool Co.** ("Cleveland"), 6410 Hawthorne av, Cleveland, O.  
**Houghton E. F. & Co.,** 240 Somerset, Phila., Pa.  
**Zurn O. F. Co.** ("Pneuoxyum"), Broad & Lehigh, Phila., Pa.

### 11316—Pneumatic Tool Lubricators

**Carron A. M. Machine Co.** ("Pittsburg"), Penn & Barbeau, Pittsburgh, Pa.

**CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg, Chicago, Ill.  
*See adv index at end of book*

### 11317—Pneumatic Tools

**Albree Chester B. Iron Works Co.,** 1201 Metropolitan, Pittsburgh, Pa.

**BLISS E. W. CO.,** 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg, Chicago, Ill.  
*See adv index at end of book*

**Cleveland Pneumatic Tool Co.** ("Cleveland"), 6410 Hawthorne av, Cleveland, Ohio

**Dallett Thos. H. Co., Juniper & Federal,** Phila., Pa.

**Dayton Pneumatic Tool Co.** ("Green" & "Dayton"), Dayton, O.

**DOPP J. W. & CO.** (Dealers), 1420 Dime Bank bldg., Detroit, Mich.

**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.

**Independent Pneumatic Tool Co.** ("Thor"), 1307 Michigan av, Chicago, Ill.

**INGERSOLL-RAND CO.** ("Crown," "Imperial" & "Little David"), 11 B'way, New York *See adv index at end of book*

**Iron City Tool Works Ltd.** (Chisels & Blanks), 3201 Smallman, Pittsburgh, Pa.

**Keller Pneumatic Tool Co.** ("Keller"), Fond du Lac, Wis.

**Livingston Mfg. Co.,** Rockland, Me.

**Manitowoc Ship Bldg Co.** ("Gunnell" Holder On's.), Manitowoc, Wis.

**Monarch Pneumatic Tool Co.** ("Monarch"), E St. Louis, Ill.

**Oldham Geo. & Son Co.,** 4326 Thackawanna, Frankford, Phila., Pa.

**Pittsburgh Pneumatic Co.,** Canton, O.

**Quaker City Pneumatic Tool Co.,** Barre, Vt.

**Schramm Chris. D. & Sons,** 308 N 4th, Phila., Pa.

**Shaw C. H. Pneumatic Tool Co.,** Denver, Colo.

**Slocumb F. F. & Co.** (Punches and Riveters), 14th & Popular, Wilmington, Del.

### Pneumatic Trolley Hoists

*See Pneumatic Hoists*

### 11318—Pneumatic Tubes

**American Pneumatic Service Co.,** 100 Boylston, Boston, Mass.

**American Tube Works** (Seamless Drawn Brass & Copper), 10 Oliver, Boston, Mass.

**LAMSON CO.,** 100 Boylston, Boston, Mass.

**Pneumatic Transit Co.,** 926 Columbia, Phila., Pa.

**Standard Store Service, Inc.,** Hartford, Conn.

**Universal Pneumatic Transmission Co.,** 145 W Ohio, Chicago, Ill.

### 11319—Pneumatic Tubes & Caissons for Bridge Piers

**Builders Iron Foundry** ("Builders"), 9 Coddington, Providence, R. I.

### 11320—Pneumatic Water Supply Systems

*See also Pneumatic Pumping Systems*

**American Pure Water Supply Co.,** Ashtabula, O.

**Andrews Heating Co.** ("Andrews" Air Pressure), Minneapolis, Minn.

**Baltimore Cooperage Co.,** cor Hanover & Creek, Baltimore, Md.

**Bennett Bros. Co.** (Ideal), Lowell, Mass.

**Butler Co.,** Butler, Ind.

**Carter Ralph B. Co.,** 152 Chambers, New York

**Celina Mfg. Co.,** Celina, O.

**CHICAGO BRIDGE & IRON WORKS,** 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*

**Deming Co.** (Hydro-pneumatic), Salem, O. *See adv index at end of book*

**Economy Pumping Machinery Co.,** 118 N Carpenter, Chicago, Ill.

**Fairbanks, Morse & Co.,** 900 S Wabash av, Chicago, Ill.

**Fleck Bros. Co.** ("Neptune"), 44 N 5th, Phila., Pa.

**Flint & Walling Mfg. Co.** ("Hoosier"), Kendallville, Ind.

**Heller-Aller Co.,** Napoleon, O.

**Illinois Pump & Brass Co.** ("Nocost," Perfect Duplex), Peoria, Ill.

**Ingersoll-Rand Co.** (Air Lift), 11 B'way, New York. *See adv index at end of book*

**Leader Iron Works** ("Leader" Water Systems), 201 Jasper, Decatur, Ill.

**Luitwieler Pumping Engine Co.,** Rochester, N. Y.

**Lunt-Moss Co.,** 43 So Market, Boston, Mass.

**McDonald A. Y. Mfg. Co.,** Dubuque, Ia.

**Murphy & Walsh,** Pekin, Ill.

**National Steel Tank & Mfg. Co.** ("National"), Bradford, Ill.

**PITTSBURGH-DES MOINES STEEL CO.,** 4th & Ross, Pittsburgh, Pa.

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**Quick & Thomas Co.,** Auburn, N. Y.

**SCAIFE WM. B. & SONS CO.** (& Tanks), First Nat. Bk. bldg., Pittsburgh, Pa.

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**Sloan Samuel & Co.** ("Superior"), Rochester, N. Y.

**Weber Subterranean Pump Co.,** 50 E 42d, New York

**Woodmanse Mfg. Co.,** Freeport, Ill.

### 11321-2—Pneumatic Winches

**CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg, Chicago, Ill.

*See adv index at end of book*

### Pneumatic Winding Drums

*See Drums, Winding*

### 11323—Pneumatic Wood Boring Machines

**CHICAGO PNEUMATIC TOOL CO.** ("Little Giant," "Keller"), Fisher bldg, Chicago, Ill.

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**Cleveland Pneumatic Tool Co.** ("Cleveland"), 6410 Hawthorne av, Cleveland, O.

**Helwig Mfg. Co.** ("Helwig"), St. Paul, Minn.

**Independent Pneumatic Tool Co.** ("Thor" Reversible), 1307 Michigan av, Chicago, Ill.

**INGERSOLL-RAND CO.** ("Crown," "Imperial," "Little David"), 11 B'way, New York *See adv index at end of book*

**Keller Pneumatic Tool Co.** ("Keller"), Fond du Lac, Wis.

### 11324—Pneumatic Wood Carving Tools

**Dallett Thos. H. Co.** ("Dallett"), Juniper & Federal, Phila., Pa.

### 11325—Pneumatic Yoke Riveters

**CHICAGO PNEUMATIC TOOL CO.,** Fisher bldg, Chicago, Ill.

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**Hanna Engineering Works** ("American" Plain Toggle), 2059 Elston av, Chicago, Ill.

**Pittsburgh Pneumatic Co.,** Canton, O.

### 11326—Poachers (Egg)

**Columbian Enameling & Stamping Co.,** Terre Haute, Ind.

**Lalance & Grosjean Mfg. Co.,** 299 B'way, New York

**Republic Metalware Co.** The ("Buffalo" Steam), Buffalo, N. Y.

**Silver & Co.,** 304 Hewes, Brooklyn, N. Y.

**Wolverine Supply & Mfg. Co.,** Page & Fontella, Pittsburgh, Pa.

### 11327—Pocket Book & Bag Frames

**Diffany & Co.** (Silver), 209 Parkhurst, Newark, N. J.

**Goertz Aug. & Co.,** 276 Morris av, Newark, N. J.

**Havell Mfg. Co.,** 284 Washington, Newark, N. J.

**Stern Ludwig** (Also Fittings), 395 B'way, New York

### 11328—Pockets (Coal)

**Dempcy-Degener Co.,** 307 4th av, Pittsburgh, Pa.

**Fairbanks, Morse & Co.,** 900 S Wabash av, Chicago, Ill.

**Haiss Geo. Mfg. Co.,** 141st & Rider av, New York

**Hendrick Mfg. Co.,** Carbondale, Pa.

**Howe Scale Co.** of Illinois, 1315 S. Wabash av, Chicago, Ill.

**JEFFREY MFG. CO.,** 961 N Fourth, Columbus, O.

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**LINK-BELT CO.,** 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.

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**Mead-Morrison Mfg. Co.,** cor Prescott & Orleans, East Boston, Mass.

### 11329—Pockets (Cotton Waste)

**Knapp Mfg. & Supply Co.,** 241 Water, New York

### 11330—Pockets (Draw Bar)

**Pittsburgh Knife & Forge Co.,** 709 Belmont, Pittsburgh, Pa.

**St. Louis Car Co.,** 8000 N B'way, St. Louis, Mo.

### 11331—Pockets (Drip)

**Pittsburgh Valve Foundry & Construction Co.,** 26th & A. V. Ry, Pittsburgh, Pa.

### 11332—Pockets (Sliding Door)

**National Supply & Mfg. Co.,** 2362 Palm, St. Louis, Mo.

### 11333—Pockets (Stake)

**Richards-Wilcox Mfg. Co.** ("Richards" Steel), Aurora, Ill.

**U. S. Metal & Mfg. Co.** (Collapsible for Cars), 165 B'way, New York

### 11333a—\*Poidometer Mfrs.

**SCHAFER ENGINEERING & EQUIPMENT CO.,** THE, Tiffin, O.

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### 11334—\*Pointers (Blackboard)

**ESTES E. B. & SONS,** 358 5th av, New York *See adv index at end of book*

### Pointers (Bolt)

*See Machines, Bolt Pointing*

### 11335—Pointers (Dowel)

**Braunsdorf-Mueller Co.,** Elizabeth, N. J.

**Cincinnati Tool Co.** ("Hargrave's"), Norwood, Cincinnati, O.

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**Stearns E. C. & Co.,** 450 Oneida, Syracuse, N. Y.

### 11336—Pointers (Spoke)

*See also Trimmers, Spoke*

**Buckeye Saw Vise Co.,** Cleveland, O.

**Cincinnati Tool Co.** ("Hargrave's"), Norwood, Cincinnati, O.

*See adv index at end of book*

**Silver Mfg. Co.,** Salem, O.

**Southington Mfg. Co.,** Southington, Conn.

**Stearns E. C. & Co.** (Also Dowel), 450 Oneida, Syracuse, N. Y.

**Swan Jas. Co.,** Seymour, Conn.

**Wood A. A. & Sons Co.,** Atlanta, Ga.

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**11337— Pointers (Wire)**

Welch T. F. Co., 55 Sudbury, Boston, Mass.

**Points (Carbon)**

See Tools, Diamond

**11338— Points (Cultivator)**

See also Points, Plow

Harrow Spring Co., Milwaukee, Wis.  
Works: Kalamazoo, Mich.  
Mason F. C. & Co. (Spring Tooth, Single & Double Pointed), St. Johns, Mich.

**11338a—\*Points (Dental Polishing)**

Estes E. B. & Sons, 358 5th av, New York  
See adv index at end of book

**11339— Points (Drill)**

Chicago Expansion Bolt Co. ("Chicago"),  
111 N Jefferson, Chicago, Ill.  
Goodell-Pratt Co. (Plain or Fluted Shank),  
Greenfield, Mass.  
Millers Falls Co. (For Hand Drills), 28  
Warren, New York. Works: Millers  
Falls, Mass.  
Union Twist Drill Co. (Guiding Drill  
Points), Athol, Mass.

**11340— Points (Drive Well)**

Flint & Walling Mfg. Co., Kendallville,  
Ind.  
Gowanda Agricultural Works, Gowanda,  
N. Y.  
McEvoy J. H. & Co., Houston, Tex.  
Mark Mfg. Co., Evanston, Ill.  
National Tube Co. (Mfrs. of All Kinds of  
Well Points & Supplies), Frick bldg,  
Pittsburgh, Pa.  
See adv index at end of book  
Stanciliff Well Screen & Mfg. Co., Houston,  
Texas

**11341— Points (Glazier's)**

Atlas Tack Co., Fairhaven, Mass.  
Austin & Eddy ("Peerless"), 117 Broad,  
Boston, Mass.  
Dreer Henry A. ("Dreer's Peerless"), 714  
Chestnut, Phila., Pa.  
Holland Mfg. Co. (Zinc), Central av &  
Bank, Baltimore, Md.  
Hubbard & McClary, Windsor, Vt.  
Maze W. H. Co. ("Zinc City"), Peru, Ill.  
National Sheet Metal Co. (Zinc & Galvan-  
ized), Peru, Ill.  
Penn Tack Co., Norristown, Pa.  
Phillips E. & Sons, South Hanover, Mass.  
Shelton Co., Shelton, Conn.

**11342— Points (Grain Drill)**

Cambria Steel Co., Widener bldg, Phila.,  
Pa.  
Crescent Forge & Shovel Co., Havana, Ill.  
Empire Plow Co., Cleveland, O.  
Herschel R. Mfg. Co., Peoria, Ill.  
Mason F. C. & Co., St. Johns, Mich.  
Noll Bros., 849 Allis, Milwaukee, Wis.

**11343-4— Points (Harrow)**

American Knife Co. (Reversible & De-  
tachable), Baldwinsville, N. Y.

**11345— \*Points (Linoleum)**

Maze W. H. Co. ("Zinc City" Steel), Peru,  
Ill.

**11346— Points (Mallet Head)**

Vlchek Tool Co. ("Vlchek"), 10711 Quincy  
av, Cleveland, O.

**11347—Points (Picture Frame)**

Maze W. H. Co. (Steel), Peru, Ill.  
Parker Wire Goods Co., Worcester, Mass.  
Shelton Co., Shelton, Conn.  
Thompson & Norris Co., The (Corrugated),  
Concord & Prince, Brooklyn, N. Y.

**11348—Points (Platinum Sparking)**

American Platinum Works (For Spark  
Coils), Oliver st & N. J. R. R. av,  
Newark, N. J.  
Baker & Co. (Gas & Gasoline Engines),  
54 Austin, Newark, N. J.  
Bender Hy., 42 Walnut, Newark, N. J.

**11349— Points (Plow)**

See also Points, Cultivator  
McMaster R. C., Adamsville, Pa.  
Moore Plow & Implement Co. ("Moore"),  
Greenville, Mich.

**11350— Points (Seeder)**

Noll Bros., 849 Allis, Milwaukee, Wis.

**11350a—\*Points (Sparking Nickel)**

WILLIAMS & CO (Inc.), 220-226 Penn av,  
Pittsburgh, Pa.  
See adv index at end of book

**Points (Stone Cutters')**

See Chisels, Stone Cutters'

**11351— Points (Switch)**

Bethlehem Steel Co. ("Manard"), S Beth-  
lehem, Pa.  
Cincinnati Frog & Switch Co., Cincinnati,  
O. See adv index at end of book  
Cleveland Railway Supply Co. ("Mitchell,"  
"Economy," Separable), Cleveland, O.  
Economy Separable Switch Point Co.  
("Economy" Separable Manganese &  
Open Hearth Steel), Louisville, Ky.  
Frog Switch & Mfg. Co. (Open Hearth),  
Carlisle, Pa.  
Wharton Wm. Jr. & Co., Inc. (Plain &  
"Tisco" Manganese, Steel Tipped),  
Easton, Pa.

**11352— Points (Trammel)**

Disston Henry & Sons, Tacony, Phila., Pa.  
Goodell-Pratt Co., Greenfield, Mass.  
Stanley Rule & Level Co., New Britain,  
Conn.  
STARRETT L. S. CO., Athol, Mass.  
See adv index at end of book  
Stearns E. C. & Co., 450 Oneida, Syracuse,  
N. Y.

**Points (Well)**

See Points, Drive Well

**11353— Poker Chips**

American Hard Rubber Co. (Rubber), 9  
Mercer, New York  
Celluloid Co. (Celluloid), 30 Washing-  
ton pl, New York  
Dennison Mfg. Co., 26 Franklin, Boston,  
Mass  
du Pont E. I. de Nemours & Co. (The  
Arlington Wks.), 725-27 Broadway,  
New York  
Electrose Mfg. Co. ("Electrose"), 70 Wash-  
ington, Brooklyn, N. Y.  
Goodrich B. F. Co. (Soft Rubber), Akron,  
Ohio  
Kyoto Mfg. & Trading Co., 31 E 17th, New  
York

**11354— Pokers (Stove)**

Adams Co., Dubuque, Ia.  
Arcade Mfg. Co. ("Siberian" & "Serpent-  
ine"), Freeport, Ill.  
Auer John, Jr. (Wrought), 197 Middleton,  
Brooklyn, N. Y.  
Cassady Fairbank Mfg. Co. ("Star," Per-  
forated Handle; also Wire & Wood  
Handles), 6126 S La Salle, Chicago, Ill.  
Central Stamping Co., 174 Fulton, New  
York  
Dover Stamping & Mfg. Co., Cambridge,  
Mass.  
Fanner Mfg. Co. ("Arctic," Wire & Loop  
Handle), Cleveland, O.  
Ireland & Matthews Mfg. Co., Detroit,  
Mich.  
Lalance & Grosjean Mfg. Co., 299 B'way,  
New York  
Lynd Leonard E. Mfg. Co. ("Zero"), Me-  
chanicsville, N. Y.  
Morgan Spring Co. ("Eclipse"), Worces-  
ter, Mass.  
Peck, Stow & Wilcox Co., Southington,  
Conn.  
Pfeifer John & Co. (Ltd.), 222 Race,  
Phila., Pa.  
Sargent & Co., New Haven, Conn.  
Stover Mfg. Co. ("Ideal" Wire Handle;  
also Furnace Pokers), Freeport, Ill.  
Troy Nickel Works, Albany, N. Y.  
Wehrle Co., Newark, O.  
Wire Goods Co., Worcester, Mass.

**11355— Pokes (Animal)**

Ely T. J. Mfg. Co. ("Kricks" Metallic, Ad-  
justable), Erie, Pa.  
Hughes & Smythe ("Galena," "Never-  
Fail," "Victor"), Galena, O.  
Lansing Co. ("Herbert" Horse), Lansing,  
Mich.  
Osmundson Spade Mfg. Co. ("Norwegian"  
Steel), Perry, Ia.  
Weathers Poke Co., Windsor, Mo.  
Wire Goods Co., Worcester, Mass.

**11356— Pole-Crabs**

Cowles C. & Co., New Haven, Conn.  
English & Mersick Co., New Haven, Conn.  
Rounds D. & Son, Cleveland, O.  
Woodruff Walter W. & Sons Co., Mount  
Carmel, Conn.

**11357— Pole Erectors**

Matthews W. N. & Bro. ("Matthews" for  
Erecting Trolley & Telegraph Poles,  
etc), 3722 Forest Park blvd, St. Louis,  
Mo.

**Poles (Arc Lamp)**

See Poles, Iron & Steel

**11358—Poles (Awning, Tent, Etc.)**

Estes E. B. & Sons, 358 5th av, New York  
See adv index at end of book  
Oshkosh Mfg. Co., Oshkosh, Wis.  
Stephenson Mfg. Co. (Wood), South Bend,  
Ind.

**11359-60—Poles (Barbers')**

Barker Jas., 6th & Cayuga, Phila., Pa.  
Chisholm Co., 178 Center, New York

**Poles (Carriage & Wagon)**

See Shafts & Poles, Carriage & Wagon

**Poles (Creosoted)**

See Creosoting Works

**11361— Poles (Cross Span)**

Archbold-Brady Co. (For Electric Rail-  
ways), Syracuse, N. Y.

**11362— Poles (Curtain)**

Berbecker & Rowland Mfg. Co. (Brass,  
also Trimmings), Waterville, Conn.  
Estes E. B. & Sons (Wood), 358 5th av,  
New York See adv index at end of book  
Gravely B. S. & R. P. (Wood), Martins-  
ville, Va.  
Guth Mfg. Co., 116 E 24th, New York  
Judd H. L. Co. (Wood), 87 Chambers,  
New York  
Kolar Bros. (Wood), 9 Baxter, New York  
Kroder Jno. & Henry, Reubel Co. (Brass  
& Wood Poles & Trimmings), 107  
E 17th, New York  
Levering Mfg. Co., Wilmington, N. C.  
Roos Mfg. Co. (Wood), 967 W 20th, Chi-  
cago, Ill.  
Stewart G. S. Co. (Wood), Norwalk, O.  
Webb Mfg. Co. (Wood), Brookville, Pa.

**11363— Poles (Engine Push)**

Oshkosh Mfg. Co., Oshkosh, Wis.

**11364— Poles (Fishing)**

See also Rods, Fishing

American Mercantile Co. (Bamboo &  
Cane), Tacoma, Wash.  
Benneche Edw. & Bro. (Bamboo & Cane),  
43 Gt. Jones, New York  
Maus Geo. H. (Japan Bamboo), Amster-  
dam, N. Y.  
Whitney Jas. E. (Bamboo & Cane), 88  
Broad, Boston, Mass.

**11365—Poles (Flag, Iron & Steel)**

Brown L. H. Fence & Mfg. Co., Oakley,  
Cincinnati, O.  
CHICAGO BRIDGE & IRON WORKS,  
2015 Old Colony bldg, Chicago, Ill.  
For branch offices see adv index at end of book  
Cincinnati Flag Pole Co. (Tilting Steel),  
Bond Hill, Cincinnati, O.  
Columbiana Boiler Co., Columbiana, O.  
Franklin Steel Works ("Tripartite," "Tri-  
angulate"), Franklin, Pa.  
Greenlie-Halliday Co., 499 Water, New  
York



Herwig Art Shade & Lamp Co. (Ornamental for Home & Desk Decorations), 2140 N Halsted, Chicago, Ill.  
*See adv index at end of book*

Jones Thomas W. (Also Fittings), 153 Maiden la, New York

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Meyers Fred J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*

Milliken Bros., 111 Broadway, New York  
Morris Elmer P. Iron Works, 136 Liberty, New York

**NATIONAL TUBE CO.** (Steel Tubular, Telegraph, Telephone, Electric Light & Railway Steel), Frick bldg., Pittsburgh, Pa. *See adv index at end of book*

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

Pittsburgh Trolley & Forge Co., Pittsburgh, Pa.

Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.

St. Louis Car Wheel Co., St. Louis, Mo.  
Simmons John Co., 110 Centre, New York

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

Stover Mfg. Co. ("Ideal" Galvanized Steel Towers), Freeport, Ill.

**TYLER W. S. CO.**, Cleveland, O.

*See adv index at end of book*

Walworth Mfg. Co. ("Walworth" Revolving Top, Steel), 798 1st, Boston, Mass.

Wisconsin Bridge & Iron Co., N. Milwaukee, Wis.

### 11366—Poles (Flag, Wood)

Boston Oregon Mast Co., 131 Coleridge, E Boston, Mass.

Brinser E. C. Sons, Richmond, Va.  
Chesebro, Whitman Co., 1167 1st av, New York

Corbett & Co., 429 E 109th, New York  
Kolar Bros., 9 Baxter, New York

Noyes Wm. H. Co. (Also Clothes Poles), 154 1st, Newark, N. J.

Portland Ladder Co., 130 Orange, Newark, N. J.

Reilley Bros. Ladder Co., 324 W 41st, New York

Sanders Bros. Mfg. Co., Ottawa, Ill.  
Stephenson Mfg. Co., South Bend, Ind.

Union Spar Co., Gloucester, Mass.

### 11367—Poles (Iron & Steel)

For Street Railways & Electric Lights; see also Posts, Arc Lamp; for Wooden Poles, see Ties, Poles & Posts

American Bridge Co., Frick bldg., Pittsburgh, Pa.

Bates Expanded Steel Truss Co., 208 S La Salle, Chicago, Ill.

Brady Electric Mfg. Co. (Ornamental Arc Lamp with Gooseneck), New Britain, Conn.

Brown H. L. Fence & Mfg. Co., Oakley, Cincinnati, O.

Carbo Corp. (Steel Angle), 538 S Clark, Chicago, Ill.

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*

Chicago Steel Post Co. (Transmission), 208 S. La Salle, Chicago, Ill.

Creaghead Engineering Co., 340 Main, Cincinnati, O.

Diamond Steel Pole Co., Land Title bldg, Phila., Pa.

Electric Railway Equipment Co. (Wire-Locked Swaged Joint Tubular), Cincinnati, O.

Franklin Steel Works ("Tripartite," "Triangulate," Steel, Trolley, Power Transmissions and all Overhead Construction), Franklin, Pa.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Lundin Electric & Machine Co. (Ornamental Goose Neck), 10 Thatcher, Boston, Mass.

Milwaukee Steel Post Co. (Removable Steel Flag Staffs), 510 Iron blk, Boston, Mass.

Mott J. L. Iron Works (Ornamental), 118 5th av, New York

Morris Elmer P. Iron Works, 136 Liberty, New York

Morris Iron & Steel Co. (Plain & Ornamental), Frederick, Md.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

### Poles (Lamp)

See Posts, Lamp, Arc & Tungsten

### 11368—Poles (Pike)

See also Tools, Logging

American Logging Tool Co., Evart, Mich.  
Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Columbus Handle & Tool Co. ("Never Break"), Columbus, Ind.

Davenport Ladder Co. (Fire, etc.), Davenport, Ia.

Dicke Tool Co., Downers Grove, Ill.  
Ellingwood Turning Co., West Paris, Me.

Klein Mathias & Sons (Guarded or Plain), 562 W Van Buren, Chicago, Ill.

Oshkosh Mfg. Co., Oshkosh, Wis.  
Warren Axe & Tool Co., Warren, Pa.

### 11369—Poles (Rug)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

Stephenson Mfg. Co., South Bend, Ind.

### 11370—Poles (Steel Tubular, Flag, Etc.)

Simmons John Co., 110 Centre, New York

### 11370a—\*Poles (Torch)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 11371—Poles (Tree Pruner)

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

### 11372—Poles (Trolley Car)

Anderson Albert & J. M. Mfg. Co., 289 A, Boston, Mass.

Columbia Machine Works & Malleable Iron Co. (Made of Steel Tubing), Atlantic av & Chestnut, Brooklyn, N. Y.

National Tube Co. ("SHELBY," Seamless Steel), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

Nuttall R. D. Co., McCandliss av & Harrison, Pittsburgh, Pa.

*See adv index at end of book*

### 11373—Poles (Trolley Street)

See also Poles, Iron & Steel

American Bridge Co., 30 Church, New York  
Carbo Corp. ("Carbo" Steel), 538 S Clark, Chicago, Ill.

Detroit Seamless Steel Tube Co., Detroit, Mich.

Diamond Steel Pole Co., Land Title bldg, Phila., Pa.

Electric Railway Equipment Co. (Iron & Steel), Cincinnati, O.

Franklin Steel Works ("Tripartite," "Triangulate"), Franklin, Pa.

Garton W. R. Co. (Seamless Steel Tubing), 17 S Desplaines, Chicago, Ill.

Hartwell C. L. & Co. (Wood), Chicago Heights, Ill.

Holden & White, Fisher bldg., Chicago, Ill.

**MORRIS E. K. & CO.**, 317 W 2d, Cincinnati, O.

Morris Elmer P. Iron Works, 136 Liberty, New York

National Tube Co. ("SHELBY" Seamless Steel), Frick bldg., Pittsburgh, Pa.

*See adv index at end of book*

Reading Iron Co., Reading, Pa.

Valley Forging Co. ("Pittsburgh Standard" Trolley Poles, Butt Welded & "Verona" Seamless Poles), Verona, Pa.

### 11374—Poles (Trolley, Reinforced)

(Old Worn Out Trolley Poles Reinforced)  
Pittsburgh Reinforcing Pole Co., 435 6th av, Pittsburgh, Pa.

### 11374a—\*Poles (Tubular Steel "National")

**NATIONAL TUBE CO.**, Frick bldg., Pittsburgh, Pa.

*See adv index at end of book*

### 11375—Poles (Vaulting)

Spalding A. G. & Bros., 126 Nassau, New York

### Poles (Wagon)

See Shafts & Poles, Carriage & Wagon

### 11375a—\*Poles (Western & Northern Cedar)

**LINDSLEY BROS. CO.**, 72 W Adams, Chicago, Ill.

### 11376—Poles (Window Pull-Down)

Houchin Thomas W. Co. (Oak), 38 E 21st, New York

Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

### Poles & Posts (Wood)

See Ties, Poles & Posts

### 11376a Polish

Flash Chemical Co. ("Flash," Silver), Kendall sq, Cambridge, Mass.

Victrolene Company ("Victrolene," Automobile), 39 Pearl, Boston, Mass.

### 11377—Polish (Cutlery)

Black Cat Polish Co. ("Prest-O"), 34 Washington, Buffalo, N. Y.

Dilg Mfg. & Trading Co. ("Dilg," "Defiance," & "Acme" Plate & Steel Polish), 401 E 163d New York

Hollingshead R. M. Co. ("Whiz," "Electro-Shine" Silver Paste & Powder), Camden, N. J.

Tanite Co. ("Tanite" Mills), Stroudsburg, Pa.

### 11378—Polish (Floor)

American Chemical & Mining Co. ("Furn-oil"), Atlanta, Ga.

Channell Chemical Co. ("O-Cedar"), 1419 Carroll av, Chicago, Ill.

### 11378a—\*Polish for Pyralin, etc.

du Pont E. I. de Nemours & Co. (The Arlington Wks.) (Brands: "Ivor-chrome"), 725-27 B'way, New York

### 11379—Polish (Furniture)

A. B. Polish Co. ("A. B."), 1515 Haddon av, Chicago, Ill.

Adams & Elting Co. ("Hy-Pol"), 726 Wash'n blvd, Chicago, Ill.

Alcatraz Co., Inc. ("A to Z"), 3200 Williamsburg av, Richmond, Va.

Alder Chemical Co., Mount Vernon, N. Y.

American Chemical & Mining Co. ("Big Chief"), Atlanta, Ga.

American Metal Polish Co. ("Meyers," "Universal," Paste, Putz, etc), West Somerville, Mass.

Aquart Mfg. Co., Chemical bldg, St. Louis, Mo.

Beatty-Baum Chemical Co., Denver, Colo.

Black Cat Polish Co. ("Japola"), 34 Washington, Buffalo, N. Y.

Bradley & Vrooman Co., 2632 S Dearborn, Chicago, Ill.

Bridgeport Wood Finishing Co. ("Eastons"), New Milford, Conn.

Buffalo Specialty Co. ("Liquid Veneer"), 375 Ellicott, Buffalo, N. Y.

Cedarine Co., Clinton, N. Y.

Channell Chemical Co. ("O-Cedar" & "Cedarine"), 1419 Carroll av, Chicago, Ill.

Chief Kokomoko Specialty Co., Kokomo, Ind.

Cleaner Mfg. Co. ("Polishine"), 2842 Olive, St. Louis, Mo.

Cleanola Co. ("Cleanola," for All Varnish Surfaces), Fulton bldg, Pittsburgh, Pa.

Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.

Continental Mfg. Co. ("New Lustr"), Indianapolis, Ind.

Flash Chemical Co. ("Flash"), Kendall sq, Cambridge, Mass.

Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York

Gold Medal Polish Co. ("Gold Medal"), Racine, Wis.

Great Western Oil Co. (Wax), Cleveland, Ohio

Heath & Milligan Mfg. Co. ("H. & M."), 1833 Seward, Chicago, Ill.

Imperial Polish Co., 54 N 2d, Phila., Pa.

Indian Refining Co., 44 Whitehall, New York

Keep Bros. ("Nonequal"), 225 Sansom, Phila., Pa.

Lawrence W. W. & Co. ("Lustr"), N Carson, Pittsburgh, Pa.



**Leggett & Bros.** ("Leggett," "Owl Brand"), 301 Pearl, New York  
**Lewis Samuel** ("Alphine Wax Oil"), 73 Barclay, New York  
**Lustre Mfg. Co.**, 16 W Kinzie, Chicago, Ill.  
**Marshall Oil Co.** of Iowa ("Marshall"), Marshalltown, Ia.  
**Martin-Senour Co.**, 2520 Quarry, Chicago, Ill.  
**Martin & Martin** ("E-Z"), 3005 Carroll av, Chicago, Ill.  
**Monaham Antiseptic Co.** (Silk Olive Oil), 166 N Curtis, Chicago, Ill.  
**Montauk Paint Mfg. Co.** ("Montauk"), 2d av, cor. 13th, Brooklyn, N. Y.  
**Morris R. W. Mfg. Co.** ("Golden Star"), 815 E 21st, Kansas City, Mo.  
**Moser Chas. Co.**, Cincinnati, O.  
**Nevin T. H. Co.**, Island & Preble, Pittsburgh, Pa.  
**New England Oil, Paint & Varnish Co.**, Waters av, Boston, Mass.  
**Northwestern Mfg. Co.**, Indianapolis, Ind.  
**No Xal Polish Mfg. Co.** ("No Xal"), 1238 Belmont av, Phila., Pa.  
**Nubian Paint & Varnish Co.** ("Re-Vivar"), 1856 Leclair av, Chicago, Ill.  
**Patton Paint Co.** ("Sunbright"), Milwaukee, Wis.  
**Perkins Wilbur C. & Co.** ("Marvel"), 1925 S. Western av, Chicago, Ill.  
**Polish Products Co.**, Kansas City, Mo.  
**Pratt B. G. Co.** ("Hydrowax" for Cleaning & Polishing), 50 Church, New York  
**Puritan Soap Co.** ("Varnisheen," "Puritan"), 496 Exchange, Rochester, N. Y.  
**Rath Mfg. Co.** ("Ye-Olde-Homestead"), Hedley E. of Richmond, Phila., Pa.  
**Reld W. W. Mfg. Co.** ("Waxol"), 204 Milk, Boston, Mass.  
**Rochester Chemical Co.** ("Shinon"), Rochester, N. Y.  
**Sherwin-Williams Co.**, Cleveland, O.  
**Sonneborn L. Sons** ("Amalie" Oil for Piano Furniture, Carriage Body, etc), 262 Pearl, New York  
**Standard Chemical Co.** ("Cedro" Oil), Houston, Texas  
**Standard Oil Co. of N. Y.** ("Matchless Liquid Gloss"), 555 W 25th, New York  
**Staples H. F. & Co.** ("Staples Bee-Hive"), Medford, Mass.  
**Talley Co.** ("Tanco"), New Richmond, O.  
**Texas Co.**, 17 Battery pl, New York  
**Three-In-One Oil Co.** ("Three-in-One"), 165 B'way, New York  
**Thumb E. W.** ("Sunshine"), 872 Orleans, Chicago, Ill.  
**Ulrich & Co.** ("A-O-K"), 363 E North, Buffalo, N. Y.  
**Van Tilburg Oil Co.** ("Waxit"), 2428 University av, Minneapolis, Minn.  
**Victrolene Company** ("Victrolene"), 39 Pearl, Boston, Mass.  
**Wadsworth-Howland Co.** ("Oriental," "Jewett," "Liquid"), 225 N Carpenter, Chicago, Ill.  
**World Polish Mfg. Co.** ("Japanese"), York, Pa.

### 11380— Polish (Glass)

**Cleaner Mfg. Co.** ("Polishine"), 2482 Olive, St. Louis, Mo.  
**Forbes Benj. P. Co.** ("Glasbrite"), Cleveland, O.  
**Hollinshead R. M. Co.** ("Whiz"), Camden, N. J.  
**Monaham Antiseptic Co.** (Velo Cut Glass), 166 N Curtis, Chicago, Ill.

### Polish (Harness)

See Dressing, Carriage Top, Harness, etc.

### 11381— Polish (Soap)

**Cudahy Packing Co.** ("Gibson's"), 111 W Monroe, Chicago, Ill.  
**Monaham Antiseptic Co.** (Silk Olive Oil), 166 N Curtis, Chicago, Ill.

### Polish (Stove)

See Stove Polish

### 11382— \*Polishers (Electric)

**GEM MFG. CO.** ("Gem," Flexible Shaft for Garages), Goebel, nr. Fulton, N. S., Pittsburgh, Pa.  
*See adv index at end of book*  
**Wisconsin Electric Co.** ("Dumore"), Racine, Wis. *See adv index at end of book*

### 11382a—\*Polishers (Finger Nail)

**Estes E. B. & Sons**, 358 5th av, New York  
*See adv index at end of book*

### 11382b— Polishers (Nail)

**du Pont E. I. de Nemours & Co.** (The Arlington Wks.), 725-27 B'way, New York

### 11383—Polishers (Shoe, Wool)

**Hutchins-Kilbourne Co.** ("Eureka," "Gem"), Buffalo, N. Y.  
**Reddick Lambs' Wool Polisher & Products Co.**, Harrison bldg, Phila., Pa.

### 11384— Ponolith

**KREBS PIGMENT & CHEMICAL CO.** ("Krebs," "Ponolith" LITHOPHONE), Newport, Del.

### 11384a— Pool Triangles

**du Pont E. I. de Nemours & Co.** (The Arlington Wks.), 725-27 B'way, New York

### 11384b—Pool & Billiard Bridge-Heads

**du Pont E. I. de Nemours & Co.** (The Arlington Wks.), 725-27 B'way, New York

### 11385— Poppers (Corn)

**Bromwell Brush & Wire Goods Co.**, 612 W 6th, Cincinnati, O.  
**Brook Novelty Co.**, Brook, Ind.  
**Central Wire Goods Co.** (Wire), 110 W 40th, New York  
**Chapman Co.** ("More's" Reversible), Geneva, N. Y.  
**Copeland G. T.**, Gloversville, N. Y.  
**Cretors C. & Co.**, 620 W 22d, Chicago, Ill.  
**Darby Edw. & Sons Co.**, 239 Arch, Phila., Pa.  
**Delphos Mfg. Co.** ("Delphos" Sheet Iron), 1st & Pierce, Delphos, O.  
**Deshler Mail Box Co.** ("Snow Flake"), Deshler, O.  
**Dorr Chas. M. Co.** ("Hoosic"), Hoosick Falls, N. Y.  
**Elec. Machine Co.**, New Albany, Ind.  
**Gabel Mfg. Co.**, Hawkeye, Ia.  
**General Electric Co.**, Schenectady, N. Y.  
*See adv index at end of book*  
**Gier Pressed Steel Co.** ("Lansing," "Crown Top"), Lansing, Mich.  
**Gilbert & Bennett Mfg. Co.**, Georgetown, Conn.  
**Hamblin & Russell Mfg. Co.**, Worcester, Mass.  
**Holcomb & Hoke Mfg. Co.**, Indianapolis, Ind.  
**Hutchins-Kilbourne Co.**, Buffalo, N. Y.  
**Kingery Mfg. Co.** ("Kingery's"), 420 E Pearl, Cincinnati, O.  
**Lekbric Sales Co.**, Louisville, Ky.  
**Meyers Fred J. Mfg. Co.**, Hamilton, O.  
*See adv index at end of book*  
**Morgan Spring Co.**, Worcester, Mass.  
**National Mfg. Co.** ("Natwire"), Worcester, Mass.  
**Parker Wire Goods Co.** (Reversible), Worcester, Mass.  
**Ressler G. S. & Son** ("Star"), Lansing, Mich.  
**Reynolds Wire Co.**, Dixon, Ill.  
**Shotwell Mfg. Co.**, 1021 W Adams, Chicago, Ill.  
**Stutsman R. O. Co.** (Automatic), Des Moines, Iowa  
**Success Mfg. Co.**, Gloucester, Mass.  
**Turnbull Werd W.**, Columbus, O.  
**Utility Mfg. Co.** ("Utility"), Sturgis, Mich.  
**Wickwire Bros.**, Cortland, N. Y.  
**Wire Goods Co.**, Worcester, Mass.  
**Woods-Sherwood Co.** ("Sherwood," with Sliding Cover), Worcester, Mass.

### 11385a—\*Portable Gravel Loaders & Screening Outfits

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### 11386— Porcelain Enameling

**Chicago Hardware Foundry Co.** (Grey Iron), North Chicago, Ill.  
**Cleveland Metal Products Co.**, Ivanhoe rd & N. Y. C. R. R., Cleveland, O.  
**GEUDER, PAESCHKE & FREY CO.**, Milwaukee, Wis.  
*See adv index at end of book*  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Wheeler Reflector Co.**, 156 Pearl, Boston, Mass.

### 11386a—\*Polishers (Electric)

**Chicago Hardware Foundry Co.** (Grey Iron), North Chicago, Ill.  
**Cleveland Metal Products Co.**, Ivanhoe rd & N. Y. C. R. R., Cleveland, O.  
**GEUDER, PAESCHKE & FREY CO.**, Milwaukee, Wis.  
*See adv index at end of book*  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Wheeler Reflector Co.**, 156 Pearl, Boston, Mass.

### 11387—Porcelain Specialties (Electrical, Mechanical, Etc.)

**Akron Smoking Pipe Co.**, Mogadore, O.  
**Burgess & Co.** ("Porcelava"), East Liverpool, O.

**Colonial Sign & Insulator Co.**, Akron, O.  
**Cook Pottery Co.**, Trenton, N. J.  
**Electric Porcelain & Mfg. Co.**, Trenton, N. J.

**Empire China Works**, 156 Greene, Brooklyn, N. Y.

**Findlay Electric Porcelain Co.**, Findlay, O.

**Freeman E. H. Electric Co.**, Trenton, N. J.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

**Globe Porcelain Co.**, Trenton, N. J.

**Hartford Faience Co.** (Electrical), Hartford, Conn.

**Illinois Electric Porcelain Co.**, Macomb, Ill.

**Imperial Porcelain Works**, Trenton, N. J.

**Jeffery-Dewitt Co.**, Butler av & Grand Trunk Ry., Detroit, Mich.

**Locke Insulator Mfg. Co.** (Electric), Victor, N. Y.

**National Electric Porcelain Co.**, Carey, O.

**National Porcelain Co.**, Trenton, N. J.

**Ohio Pottery Co.** ("Ohio" Pottery), Columbus, O.

**Pass & Seymour** (Electrical Only), Solvay, N. Y.

**Peru Electric Co.** (Electrical Only), Peru, Ind.

**Pittsburgh High Voltage Insulator Co.** (Porcelain Insulators, Wall Bushings, Tubing, etc.), Derry, Pa.

**Star Porcelain Co.**, Trenton, N. J.

**Thomas R. & Sons Co.**, East Liverpool, O.

**Trenton Porcelain Co.**, Trenton, N. J.

**Union Electrical Porcelain Works**, Trenton, N. J.

**Union Porcelain W'ks**, 300 Eckf'd, B'klyn, N. Y.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

### 11388— Port Lights (Shin)

**Delaware Marine Mfg. Co.**, B. & O. R. R. & Conrd., Wilmington, Del.

**Gibson & Kirk Co.**, 217 Key Highway, Baltimore, Md.

**Laughlin Thos. Co.**, Portland, Me.

**Manitowoc Ship Building Co.**, Manitowoc, Wis.

**Marine Hardware Co.**, Peabody, Mass.

**Marine Mfg. & Supply Co.**, 158 South, New York

**Sands A. B. & Son Co.**, 22 Vesey, New York

**Torrey Roller Bushing Works**, Bath, Me.

**Wilcox, Crittenden & Co.**, Middletown, Conn.

### 11388a—\*Portable Gravel Loaders & Screening Outfits

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### 11389— Portable Houses

**American Portable House Co.** (Wood of All Kinds), Seattle, Wash.  
**Anchor Corrugating Construction Co.**, 140 Washington, New York  
**Austin Samuel & Son Co.** (Factory Building), 14230 Euclid av, Cleveland, O.  
**Baltimore Cooperage Co.** (Fireproof), cor. Hanover & Creek, Baltimore, Md.  
**Bossert Louis & Son**, 1335 Grand, Brooklyn, N. Y.  
**Bungalow Craftsman Co.**, Empire bldg, Seattle, Wash.  
**Chesebro Whitman Co.**, 1167 1st av, New York  
**Columbian Steel Tank Co.** (Fireproof), Kansas City, Mo.  
**Ducker Co.** (Iron & Wood), 277 B'way, N. Y.  
**Fire Proof Sanitary Housing Co.**, Portland, Ore.  
**Gold Medal Camp Furniture Mfg. Co.**, Racine, Wis.  
**Harry Bros. Co.** ("Harry's," Galvanized Iron), Carr & I. C. R. R., New Orleans, La.  
**Harry O. K. Steel Co.** (Auto Garages), 2333-35 Papin, St. Louis, Mo.  
**Hastings Equity Grain Bin Mfg. Co.**, Hastings, Neb.  
**Hodgson Ernest F. Co.**, 116 Washington, Boston, Mass.  
**Howell, Field & Goddard** (Metal), Review av, Long Island City, N. Y.  
**International Mill & Timber Co.** (Cut to Fit), Bay City, Mich.  
**Kanneberg Roofing & Ceiling Co.**, Canton, O.  
**Karr Portable House Co.**, 2554 W Irving pk blvd, Chicago, Ill.  
**Kenyon R. L. Co.**, Waukesha, Wis.



Mershon & Morley Co. (Cottages, Houses, Cabins, Ranches, Depots, Baths, Hospitals, etc., Portable for All Uses; also Portable Double Folding Beds, etc), Saginaw, Mich.  
 Millmade Construction Co., 548 Water, Portland, Ore.  
 National Home Building Co. (K. D.), Portland, Ore.  
 Pacific Porable Construction Co. (Cottages), Los Angeles, Cal.  
 Phenix Mfg. Co., Milwaukee Wis.  
 Portable Construction Co. (Of All Kinds for All Purposes), 50 Church, New York  
 Pruden C. D. Co. ("Prudential" Steel), Warner & Dock, Baltimore, Md.  
 Southern Foundry Co. (Steel), Owensboro, Ky.  
 Springfield Mfg. Co., Keene, N. H.  
 Told Easy House Mfg. Co., McClure, Pa.  
 Wyckoff Lumber & Mfg. Co., Ithaca, N. Y.

### 11390—\*Portable Houses (Metal)

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

### 11391— Portables (Electric)

See also Lights, Desk, also Lamps, Incandescent Portable, Electric

Aladdin Co. ("Vanitie"), 90 B'way, New York  
 Amboy Works, Perth Amboy, N. J.  
 American Brass & Copper Co., 138 Lafayette, New York  
 Bradley & Hubbard Mfg. Co., Meriden, Conn.  
 Chicago Lamp & Fixture Co., 616 W Monroe, Chicago, Ill.  
 Dale Lighting Fixture Co., 107 W 13th, New York  
 Empire Lamp Mfg. Co., 1214 W Madison, Chicago, Ill.  
 Faries Mfg. Co. (Adjustable), Decatur, Ill.  
 Feeny Edmond J. Co., Muncie, Ind.  
 Friedman Joseph, 133 5th av, New York  
 Handel Co., Meriden, Conn.  
 Kraushaar Brass Mfg. Co. (Adjustable; also Jewels or Portables), St. Louis, Mo.  
 Lamb Bros. & Greene (Metal & Wood), Nappanee, Ind.  
 McFaddin H. G. & Co. ("Emeralite" "Mefco"), 38 Warren, New York  
 McLeod, Ward & Co., 27 Thames, New York  
 Miller Edw. & Co., Meriden, Conn.  
 Neuhauser D. L., 326 W Grand av, Chicago, Ill.  
 Pacific Elec. Co. ("Espersen"), La Crosse, Wis.  
 Parker Chas. Co., Meriden, Conn.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Porter Company, 241 Water, New York  
 Quaker City Brass Works, 336 N 3d, Phila., Pa.  
 Rockford Light Furniture Co. (Wood), Rockford, Ill.  
 Rose & Hastie, 754 Lexington av, Brooklyn, N. Y.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.  
 Warshavsky & Cohen, 187 B'way, Brooklyn, N. Y.  
 Waud Mfg. Co. (Wood), 1193 B'way, New York  
 White O. C. Co. (Adjustable Floor, Desk, etc), Worcester, Mass.  
 Wilkinson Co., 93 Underhill av, Brooklyn, N. Y.

### 11392—Ports (Open Hearth Furnace)

Blair Engineering Co., 343 S Dearborn, Chicago, Ill.  
 Knox Pressed & Welded Steel Co. ("Knox"), Pittsburgh, Pa.

### 11393— Post Caps & Bases

Castle A. M. & Co. ("Castle," "Star" Steel or Malleable Post Caps & Grinder Supports), 1300 N Branch, Chicago, Ill.  
 Cheney S. & Son ("Zimmerman" Patent Iron Base), Manlius, N. Y.  
 Clark W. J. Co., Salem, O.  
 Covert H. W. Co. (Porch Columns), 351 Lexington av, New York

Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.  
 Decatur Cornice & Roofing Co., New Decatur, Ala.  
 Duplex Hanger Co. ("Duplex"), Cleveland, O.  
 Goetz Box Anchor, New Albany, Ind.  
 Hastings Foundry & Iron Works, Hastings, Neb.  
 Heughes F. L. & Co., Rochester, N. Y.  
 Ideal Hanger Co. ("Ideal"), Cleveland, O.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
 Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.  
 Morris Elmer P. Iron Works, 136 Liberty, New York  
 Ritter Emil W. Co. ("Atlas"), 223 W Austin av, Chicago, Ill.  
**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Trussed Concrete Steel Co. ("Kahn" System), Youngstown, O.  
 Van Dorn Iron Works Co. ("Van Dorn" Wall & Steel), 2700 E 79th, Cleveland, O.

### 11394—Post Cards (Advertising)

Pictorial Post Card Co., Rochester, N. Y.

### 11395—Post Office Equipments

American Post Office Equipment Co., 343 S Dearborn, Chicago, Ill.  
 Federal Equipment Co., Carlisle, Pa.  
 Keyless Lock Co., Indianapolis, Ind.  
 McLane Mfg. Co., Milford, N. H.  
 Sadler Co. (Cabinets, etc), Indianapolis, Ind.  
 Shults H. H. Co., Gowanda, N. Y.  
 Waddell Co. (Routing Tables, Distributing Cases, etc.), Greenfield, O.  
 Yale & Towne Mfg. Co., 9 E 40th, New York

### 11396— \*Poster Frames (Brass, Bronze & Wood)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 N Washington, Chicago, Ill. *See adv index at end of book*

### Posts (Arc Lamp)

See Posts, Lamp, Arc & Tungsten

### 11397— Posts (Binding)

American Pin Co. ("Ampinco"), Waterbury, Conn.  
**BARNES, THE WALLACE CO.** ("Barnes-Made," Special), 18 Wallace, Bristol, Conn. *See adv index at end of book*  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Bunnell J. H. & Co., 32 Park pl, New York  
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
 Corbin Screw Corporation, New Britain, Conn.  
 Dickinson Mfg. Co., Springfield, Mass.  
 Fahnestock Electro Co. (Spring), Meadow, Long Island City, N. Y.  
 Foote, Pierson & Co., 160 Duane, New York  
 Hartford Machine Screw Co., Hartford, Conn.  
 International Brass & Electric Co. (Brass, etc), 76 Beekman, New York  
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.  
 Knott L. E. Apparatus Co. (High Grade for Scientific Work), 79 Amherst, Cambridge, Mass.  
 Manhattan Electrical Supply Co., 17 Park pl, New York  
 Menominee Electric Mfg. Co., Menominee, Mich.

**MORSE FRANK W.** (Brass), 293 Congress, Boston, Mass.  
*See adv index at end of book*  
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 Ostrander W. R. & Co., 371 B'way, New York  
 Partrick & Wilkins Co., 51 N 7th, Phila., Pa.  
 Progressive Mfg. Co., Torrington, Conn.  
 Royal Telephone Co., Milford, Ind.  
 Springfield Machine Co., Springfield, Mass.  
 Stanley & Patterson, 23 Murray, New York  
 States Co., Hartford, Conn.  
 Trumbull Electric Mfg. Co., Plainville, Conn.

Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.  
 Waterbury Mfg. Co., Waterbury, Conn.  
 Welch T. F. Co., 55 Sudbury, Boston, Mass.  
 Western Electric Co., 463 West, New York

### 11398—Posts (Car Bumping)

American Bridge Co., 30 Church, New York  
 Mason, Davis & Co. ("Gibraltar"), 7740 S Chicago av, Chicago, Ill.  
 Mechanical Mfg. Co. ("Ellis"), Union Stock Yards, Chicago, Ill.  
 Railway & Traction Supply Co. ("Hercules"), 79 W Monroe, Chicago, Ill.  
 Scott John M. & Sons ("Hercules"), Racine, Wis.

### 11399— Posts (Concrete)

Birch S. & Sons Construction Co. (Hitching, etc), Fargo, N. D.  
 Electric Welding Co. (Fence), Benedum Trees bldg, Pittsburgh, Pa.

### 11400— Posts (Desk)

Berbecker & Rowland Mfg. Co. (Polished Brass), Waterville, Conn.

### 11400a—Posts (Drilling-Old Man)

Armstrong Bros. Tool Co. ("Armstrong" Old Man for Ratchet Drills, etc), 339 N Francisco av, Chicago, Ill.  
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Irving Mfg. & Tool Co., 157 Chambers, New York  
 Keystone Mfg. Co. ("Keystone"), Buffalo, N. Y.  
 King A. R. Mfg. Co., Kingston, N. Y.  
 Lovejoy Tool Works ("Lovejoy" Base or Double Jaw), 319 W Ohio, Chicago, Ill.  
 Lutz-Webster Engineering Co., 3105 Grays Ferry av, Phila., Pa.

### 11401— Posts (Hitching)

See Posts, Iron & Steel

Adams Wm. Foundry Co., 960 N 9th, Phila., Pa.  
 Amos Chas. & Co., 640 Hart av, Detroit, Mich.  
 Anchor Post Iron Works, 19 Cortlandt, New York  
 Belmont Iron Works, 22nd & Wash av, Phila., Pa.  
 Bloomfield Mfg. Co., Bloomfield, Ind.  
 Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.  
 Campbell John, Manchester, N. H.  
 Carbo Corp., 538 S Clark, Chicago, Ill.  
 Champion Iron Co., Kenton, O.  
 Cheney S. & Son (Cast Iron), Manlius, N. Y.  
 Creswell Samuel J. Iron Works, 23d & Cherry, Phila., Pa.  
 Cyclone Fence Co. (Iron), Waukegan, Ill.  
 Decatur Cornice & Roofing Co., Decatur, Ill.  
 Dempster Mill Mfg. Co. (Cast Iron), Beatrice, Neb.  
 Donaldson Bros., Mount Clemens, Mich.  
 Dutton E. Q. & Co. (Cast Iron), Cato, N. Y.  
 Enterprise Iron Works, Indianapolis, Ind.  
 Gehret Bros., Bridgeport, Pa.  
 Gowanda Agricultural Works Co. (Cast Iron), Gowanda, N. Y.  
 Hayes Pump & Planter Co. (Ornamental Cast Iron), Galva, Ill.  
 Hays Mfg. Co., Erie, Pa.  
 Hoosier Fence Co. (Cast Iron Horse Head, etc), Frankton, Ind.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Kokomo Fence Machine Co., Kokomo, Ind.  
 Love M. A. Mfg. Co. (Cast Iron), Rockford, Ill.  
 Lyon Iron Works, Greene, N. Y.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Mast, Foos & Co. (Iron & Steel), Springfield, O.  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 Milwaukee Steel Post Co., 510 Iron blk Milwaukee, Wis.  
 Mostberger Iron Co., 878 S Division, Buffalo, N. Y.  
 Novelty Iron Works, Sterling, Ill.  
 Peters F. N. & Bro., Newside, Pa.



Pettler Steel Mat & Mfg. Co. (Wrought Steel), Beaver Falls, Pa.  
 Pfaff & Kendall (Iron), Newark, N. J.  
 Seiferlein & Malleis, Detroit, Mich.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 South Bend Foundry Co. (Cast Iron), South Bend, Ind.  
 Sterling Foundry Co. ("Best"), Sterling, Ill.  
 Stover Mfg. Co., Freeport, Ill.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.  
 Western Iron & Foundry Co., Wichita, Kans.  
 Woonsocket Machine & Press Co. (Cast Iron), Woonsocket, R. I.

#### 11402— Posts (Indicator)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Bourbon Copper & Brass Works, Cincinnati, O.  
 Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.  
 Darling Pump & Mfg. Co., Williamsport, Pa.  
 Eddy Valve Co., Waterford, N. Y.  
 Glamorgan Pipe & Foundry Co., Lynchburg, Va.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
 Ludlow Valve Mfg. Co. (For Sprinkling Plants), ft of Adams, Troy, N. Y.  
 McNab & Harlin Mfg. Co., 55 John, New York  
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.  
 Rensselaer Valve Co., Troy, N. Y.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

#### Posts (Iron Railing)

*See Posts, Iron & Steel*

#### 11403— Posts (Iron & Steel)

**AMERICAN STEEL & WIRE CO** (Steel Fence), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Amos Chas. & Co., 640 Hart av, Detroit, Mich.  
 Anchor Post Iron Works, 19 Cortlandt, New York  
 Bayley Wm. Co., Springfield, O.  
 Bloomfield Mfg. Co., Bloomfield, Ind.  
 Bond Steel Post Co. (Steel Fence), Adrian, Mich.  
 Buffalo Steel Co. ("Quick-Set," Steel Fence), Tonawanda, N. Y.  
 Carbo Corp. (Steel Fence), 538 S Clark, Chicago, Ill.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Chicago Steel Post Co. (Steel Fence Posts & Wire Stays), 208 S La Salle, Chicago, Ill.  
 Cincinnati Iron Fence Co. (Fence), Cincinnati, O.  
 Downs J. H. (Steel Angle Fence), 39 Cortlandt, New York  
 Enterprise Iron Works, Indianapolis, Ind.  
 Harmon Ed. F. (Steel), Rosewood, O.  
 Hoosier Fence Co. (Cast Iron Fence), Frankton, Ind.  
 Hunt, Helm, Ferris & Co. (Fence), Harvard, Ill.  
 Inland Steel Co. (Rail Carbon Steel Fence), First Nat'l Bk bldg, Chicago, Ill.  
 Janesville Barb Wire Co. ("Apex" Steel Fence), Janesville, Wis.  
 Kitzelman Bros. (Metal Fence), Muncie, Ind.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Metal Post & Culvert Co. (Metal Fence Posts), Niles, O.  
 Milwaukee Steel Post Co. (Steel Fence & Removable Steel Clothes Posts), Milwaukee, Wis.  
 Morris Elmer P. Iron Works, 136 Liberty, New York  
 Mostberger Iron Co. (Clothes Posts), 878 S Division, Buffalo, N. Y.  
 National Tube Co. (Fence Tubular Steel), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Peter F. N. & Bro., Newside, Pa.  
 Pittsburgh-Des Moines Steel Co. (Lintels), 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

Pressed Steel Car Co. (Pressed steel, Side, End, Door & Window), 307 5th av, Pittsburgh, Pa.  
 Reder Foundry Co. (Cast Iron Fence, etc), 2125 Canalport av, Chicago, Ill.  
 Republic Iron & Steel Co., Youngstown, O.  
**ST. PAUL FOUNDRY CO.**, Como av & Mackubin, St. Paul, Minn.  
*See adv index at end of book*  
 Selway Steel Post Co. (Galvanized Steel Fence), 220 S State, Chicago, Ill.  
 Smith F. P. Wire & Iron Works ("Hercules," "Supreme" Fence), Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.  
 Taylor & Co., 680 Morgan av, Brooklyn, N. Y.  
 United Iron Works Co., Springfield, Mo.  
 Western Steel Car & Foundry Co. (Pressed Steel Side, End, Door & Window), 37 W Van Buren, Chicago, Ill.

#### 11404— Posts (Lamp)

Belmont Iron Works, 22d & Wash av, Phila., Pa.  
 Biggin Charles P. Co., 1829 Harlan, Phila., Pa.  
 Cabaret Paul E. & Co. (Bronze), 126 11th, av, New York  
 Casey-Hedges Co. (Electric & Gaslight), Chattanooga, Tenn.  
 Central Foundry Co. (Cast Iron), 90 West, New York  
 Champion Iron Co., Kenton, O.  
 Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.  
 Concord Foundry & Machine Co., Concord, N. H.  
 Creswell S. J. Iron Works, 23d & Cherry, Phila., Pa.  
 Davies & Thomas Co. (Cast Iron), Catsauqua, Pa.  
 Davis & Farnum Mfg. Co., Waltham, Mass.  
 Donaldson Iron Co., Emaus, Pa.  
 Drummond M. J. & Co., 51 Chambers, New York  
 Fiske J. W. Iron Works, 80 Park pl, New York  
 Flour City Ornamental Iron Works (Street, Ornamental Iron), 27th st & 27th av, Minneapolis, Minn.  
 Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
 Globe Gas Light Co., 25 Union, Boston, Mass.  
 Hastings Foundry & Iron Works, Hastings, Neb.  
 Henry-Bonnard Bronze Co. (Bronze & Ornamental Iron), 20 Exchange pl, New York  
 Hughes F. L. & Co., Rochester, N. Y.  
**Independent Foundry Co., 743 York, Portland, Ore.**  
 Jackson Wm. H. Company, 2 W 47th, New York  
 Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.  
 Kramer Bros. Foundry Co., Dayton, O.  
 Luminous Unit Co., Jefferson & Washington avs, St. Louis, Mo.  
 Mesker Geo. L. & Co. (Cast Iron), Evansville, Ind.  
 Modern Iron Works, Quincy, Ill.  
 Morris Elmer P. Iron Works, 136 Liberty, New York  
 Morris Iron & Steel Co. (Ornamental), Frederick, Md.  
 Mott J. L. Iron Works, Trenton, N. J.  
 National Tube Co. (Electric), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Nordeen H. G., Everett, Wash.  
 Northwest Harvester Co. (Ornamental Iron), Spokane, Wash.  
 Olympic Foundry Co. (Ornamental Cast Iron), Seattle, Wash.  
 Parsons G. W. Co., Newton, Ia.  
 Paxton & Vierling Iron Works (Ornamental), Omaha, Neb.  
 Penna. Globe Gas Light Co., 1934 Market, Phila., Pa.  
 Pevey Foundry Co., Lowell, Mass.  
 Richey, Browne & Donald, Flushing, Mass., Borough of Queens, N. Y.  
**Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.**  
*See adv index at end of book*  
 Smith G. W. & F. Iron Co., Gerard, Rox., Boston, Mass.  
 Smyser, Royer Co., York, Pa.  
 Spuck Iron & Foundry Co. (Cast Iron), 14th & Branch, St. Louis, Mo.  
 Stacey Bros. Gas Construction Co., Sta. T, Cincinnati, Ohio

Sterling Foundry Co. ("Best"), Sterling, Ill.  
 Sun Vapor Street & Gas Lighting Co., Canton, O.  
 Union Metal Mfg. Co. (Pressed Steel), Canton, O.  
 United Iron Works Co., Springfield, Mo.  
 Wallace Machine & Foundry Co. (Ornamental), Lafayette, Ind.  
 Wells Architectural Iron Co., River av & 151st, New York  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

#### 11405—Posts (Lamp, Arc & Tungsten)

Adams-Bagnall Electric Co. ("Jandus Luxolabora"), Cleveland, O.  
 American Bridge Co., Frick bldg, Pittsburgh, Pa.  
 Casey-Hedges Co., Chattanooga, Tenn.  
 Cutter Geo. Co., South Bend, Ind.  
 Davenport Mach. & Fdry Co., Davenport, Ia.  
 Electric Railway Equipment Co., Cincinnati, O.  
 Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.  
 Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
 Herzog Iron Works, St. Paul, Minn.  
 Hessler Foundry & Mfg. Co., Oswego, N. Y.  
 King Foundry Co. ("Kings"), St. Joseph, Mo.  
 Kramer Brothers Foundry Co., Dayton, O.  
 Line Material Co., South Milwaukee, Wis.  
 Love Bros., Aurora, Ill.  
 Luminous Unit Co., Jefferson & Washington avs., St. Louis, Mo.  
 Lundin Elec. & Machine Co., 16 Thatcher, Boston, Mass.  
 McDonnell Boiler & Iron Works, Des Moines, Ia.  
 Meyers Fred'k J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 Minneapolis Steel & Machine Co., 29th & Drexel, Minneapolis, Minn.  
 Morris Elmer P. Iron Works, 136 Liberty, New York  
 Morris Iron & Steel Co., Frederick, Md.  
 Mott J. L. Iron Works, Trenton, N. J.  
 Nordeen H. G., Everett, Wash.  
 O'Brien Bros. ("Columbus"), 276 W Main, Columbus, O.  
 Ornamental Lighting Pole Co., 114 Liberty, New York  
 Paxton & Vierling Iron Works, Omaha, Neb.  
 Pettyjohn Co., Terre Haute, Ind.  
**Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.**  
*See adv index at end of book*  
 Smyser, Royer Co., York, Pa.  
 Southern Wheel Co., Railway Exch. bldg, St. Louis, Mo.  
 Spuck Iron & Foundry Co., 14th & Branch, St. Louis, Mo.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Thomasville Iron Works, Thomasville, Ga.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
 Union Foundry Co., Anniston, Ala.  
 Union Metal Mfg. Co. ("Union," Cast Iron Base Pressed Steel or Copper Shaft), Canton, O.  
 United Iron Works Co., Springfield, Mo.  
 Wallace Machine & Foundry Co., Lafayette, Ind.  
 Western Gas Construction Co., Fort Wayne, Ind.  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

#### 11406— Posts (Mooring)

Bayonne Bolt & Nut Co., Bayonne, N. J.

#### 11406a—\*Posts ("National" Pipe for)

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

#### 11407—Posts (Pawl, for Tugs)

Superior Iron Works Co. (For Power), Superior, Wis.

#### 11408— Posts (Railing, Brass & Bronze)

Gerdes & Co., 42 Church, New York  
*See adv index at end of book*



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Successors to INNIS &amp; CO.

## AGENCIES

GLOVERSVILLE, 14 E. Pine St.  
CLEVELAND, 641 Long Ave.

Importers, Commission Merchants,  
Industrial Chemicals, Colors, etc.

## BRANCHES:

CHICAGO, 120 W. Kinzie St.  
BOSTON, 84 High St.  
PHILADELPHIA, 219 S. Front St.

## MAIN OFFICE, 46 CLIFF STREET, NEW YORK

**GORHAM CO. ARCH'L BRONZE**, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*  
**Newman Mfg. Co.**, 717 Sycamore, Cincinnati, O.; 68 W. Washington, Chicago, Ill. *See adv index at end of book*  
**Smith F. P. Wire & Iron Works**, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*

## 11409— Posts (Stanchion)

Wilcox, Crittenden & Co., Middletown, Conn.

## 11410— Posts (Standard)

Ludlow Valve Mfg. Co. (For Valves & Sluice Gates), ft of Adams, Troy, N. Y.

## Posts (Tungsten Lamp)

See Posts, Lamps, Arc & Tungsten

## 11411 Potash

**Adams Fred C. Co.** (Caustic), 234 S. La Salle, Chicago, Ill.  
**American Agricultural Chemical Co.** (Imp.), 2 Rector, New York  
**Baker H. J. & Bro.** (Salts, Muriate Sulphate, Imp.), 81 Fulton, New York  
**Baugh & Sons Co.** (Dealers), 20 S Delaware av, Phila., Pa.  
**Feuchtwanger L. & Co.** (Silicate), 54 Fulton, New York  
**Fort Hill Chemical Co.** (Chlorate), Rumford Falls, Me.  
**German Kali Works (Imp)** (Muriate of Sulphate of), 42 B'way, New York  
**Grasselli Chemical Co.** (Salts, Muriate, etc, imported), Guardian bldg, Cleveland, O.  
**Harshaw, Fuller & Goodwin Co.** (Bichromate & Cyanide), Electric bldg, Cleveland, O.  
**Heller, Jos. S. (Muriate, etc. Imp.)**, 62 William, New York  
**Hirsh Leon & Son** (Pearl Ash), 368 Greenwich, New York  
**Innis, Speiden & Co., Inc.** (Importers of All Kinds), 46 Cliff, New York  
*See adv index at end of book*  
**International Agricultural Corp.** (Salts), 61 B'way, New York  
**Jones Enos F. Chemical Co.** (Pearl Ash), 51 Jay, New York  
**Klipstein A. & Co.** (Carbonate Caustic, etc, Imp), 644 Greenwich, New York  
**Lorned Mfg. Co.**, Long Beach, Cal.  
**McKesson & Robbins (Imp, Salts, Cyanide, etc)** 91 Fulton, New York  
**Mallinckrodt Chemical Works** (Caustic), 2d & Mallinckrodt, St. Louis, Mo.  
**Mechling Bros. Mfg. Co.** (Granulated (Caustic), Camden, N. J.  
**National Electrolytic Co.** (Chlorate), Niagara Falls, N. Y.  
**Natural Products Refining Co.** (Bichromates), 902 Garfield av, Jersey City, N. J.  
**New Orleans Acid & Fertilizer Co.** (Muriate, Sulphate, etc.), Gretna, La.  
**Niagara Alkali Co.** (Electrolytic Caustic), Niagara Falls, N. Y.  
**Nitrate Agencies Co.** (Muriate, Sulphate, etc, Imp), 102 Pearl, New York  
**North American Chemical Co.** (Chlorate, etc), Bay City, Mich.

**Partola Mfg. Co.**, 201 E 10th, New York  
**Passolt Henry Co., Saginaw, Mich.**  
**Penn Chemical Works** (Powdered Caustic), 1332 Washington av, Phila., Pa.  
**Peters-White & Co.** (Caustic, Imported), 55 John, New York  
**Powers - Weightman - Rosengarten Co.**, 916 Parrish, Phila., Pa.  
**Riker J. L. & D. S.** (Caustic, Imp), 19 Cedar, New York  
**Roessler & Hasslacher Chemical Co.** (Prussiate, Carbonate, Caustic, Chlorate, etc), 100 Williams, New York  
**Tupelo Fertilizer Factory** (Importers Muriate of Potash), Tupelo, Miss.  
**Utah Potash Co.**, Trenton, N. J.  
**Walter Edw. J. Co.** (Salts, Brokers), American bldg, Baltimore, Md.  
**Welch, Holme & Clark Co.** (Caustic & First Sorts), 383 West, New York  
**White Thos. H. & Co.** (Muriate, etc), 11 S Gay, Baltimore, Md.  
**Wiarda Jno. & Co.** (Bichromatic, Black Rock, Cyanide, First Sorts, Flouride, Nitrate, Sulphuret), 273 Greene, Brooklyn, N. Y.

## 11412—Potash (Bicarbonate)

Roessler & Hasslacher Chemical Co., 100 William, New York

## 11413—Potash (Bichromate)

**Klipstein A. & Co.**, 644 Greenwich, New York  
**Mutual Chemical Co. of America**, 55 John, New York  
**Roessler & Hasslacher Chemical Co.**, 100 William, New York

## 11413a—\*Potash (Caustic Fused)

**INNIS, SPEIDEN & CO., INC.** (Broken, Sticks, all Tests), 46 Cliff, New York  
*See adv index at end of book*

## 11414—Potash (Permanganate)

Roessler & Hasslacher Chemical Co., 100 William, New York

## 11415—Potassium (Bichromate)

See also Potash, Bichromate  
**Drakenfeld B. F. & Co. (Imp)**, 50 Murray, New York

## 11416— Potassium Bromide

**Dow Chemical Co.** (Granular & Crystals), Midland, Mich.  
**Halogen Chemical Co.**, Bay City, Mich.

## 11417—Potassium Metabisulphite

**Bischoff C. & Co. (Imp)**, 451 Washington, New York

## 11418—Potato Coverers &amp; Hillers

**Allen S. L. & Co.** ("Planet, Jr."), Denckla bldg, Phila., Pa.  
**Caledonia Bean Harvester Works**, Caledonia, N. Y.  
**Champion Drill Co.**, Avon, N. Y.  
**Dorsch John & Sons** (Combination Hiller & Digger), 209 Wells, Milwaukee, Wis.

**Doughten H. W.** ("Darnell's" Furrower & Coverer), Moorestown, N. J.  
**Eddy W. Plow Co.** (Coverer), Greenwich, N. Y.  
**Empire Plow Co.**, Cleveland, O.  
**Everts Mfg. Co., Meridian, N. Y.**  
**Hirsch Bros. (Hiller)**, 267 Reed, Milwaukee, Wis.  
**Le Roy Plow Co.**, Le Roy, N. Y.  
**Munnsville Plow Co.**, Munnsville, N. Y.  
**Sargent, Osgood & Roundy Co.** (Hiller), Randolph, Vt.  
**Sweet Geo. Mfg. Co.** (Hiller, Dansville, N. Y.  
**Syracuse Chilled Plow Co.**, Syracuse, N. Y.

## 11419— Potentiometers

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**Leeds & Northrup Co.** ("Brook's"), Stenton av, Gtn., Phila., Pa.  
**Queen-Gray Co.**, 618 Chestnut, Phila., Pa.

## 11419a— Potentiostats

**U. S. E. M. Co.**, 301 W 37th, New York

## 11420— Potheads &amp; Sleeves

**Bissell F. Co.** ("Novelty"), Toledo, O.  
**Brady Electric Mfg. Co.**, New Britain, Conn.  
**Colonial Sign & Insulator Co.** ("Colonial" All Porcelain, Potheads), Akron, O.  
**Electrical Engineers Equipment Co.**, 711 Meridian, Chicago, Ill.  
**G. & W. Electric Specialty Co.** ("G. & W." Detachable Porcelain), 7440 S Chicago av, Chicago, Ill.  
**Minerallac Electric Co.**, 1045 Washington bl, Chicago, Ill.  
**Moon Mfg. Co.** (Self Soldering), 122 N Jefferson, Chicago, Ill.  
**OKONITE CO.** ("Candee"), 501 Fifth av, New York. *See adv index at end of book*  
**Specialty Device Co.** ("Bierce"), 112 W 3d, Cincinnati, O.  
**Standard Underground Cable Co.**, Pittsburgh, Pa.

## 11421— Pots (Acid)

**Devine J. P. Co.**, Buffalo, N. Y.  
**Duriron Castings Co.**, 90 West, New York

## 11422— Pots (Annealing)

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
**Continental Iron Works**, West & Calyer, Brooklyn, N. Y.  
**Eclipse Fuel Engineering Co.** (Pressed Steel), Rockford, Ill.  
**Garwood Bronze & Iron Works**, Garwood, N. J.  
**Globe Malleable Iron & Steel Co.**, Syracuse, N. Y.  
**Mackenzies Duncan Sons Co.**, Trenton, N. J.  
**Manitowoc Engineering Works**, Manitowoc, Wis.  
**Metals Production Equipment Co.**, Springfield, Mass.  
**Morgan Construction Co.**, Worcester, Mass.  
**Philadelphia Roll & Machine Co.** (For Wire, Steel & Iron), 23d & Washington, Phila., Pa.



Pressed Steel Tank Co. (Seamless, Steel),  
58th & Greenfield av, Milwaukee, Wis.  
Smith Geo. H. Steel Casting Co. (Steel),  
500 Clinton, Milwaukee, Wis.  
Strong, Carlisle & Hammond Co., 336-344  
Frankfort av, N W, Cleveland, O.  
Whiting Foundry Equipment Co., Harvey,  
Ill.  
Zanesville Malleable Co., Zanesville, O.

### 11423—Pots (Asphalt & Mastic)

Evans F. H., 31 Hewes, Brooklyn, N. Y.

### 11424—Pots (Bean)

Dorchester Pottery Works, 9 Preston, Boston, Mass.  
Wingender Chas. & Bros., Haddonfield, N. J.

### Pots (Burnishing)

See Stoneware, Chemical

### 11425—\*Pots (Case Hardening)

Wharton Wm. Jr. & Co., Inc. (Cast Steel),  
Easton, Pa.

### Pots (Caustic)

See Pots, Chemical

### 11426—Pots (Chemical)

Bethlehem Foundry & Machine Co. (Cast Iron),  
Front, South Bethlehem, Pa.  
**BUFFALO FOUNDRY & MACHINE CO.**,  
65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

Devine J. P. Co., Buffalo, N. Y.  
Garwood Bronze & Iron Works, Garwood, N. J.

### MACKINNON BOILER & MACHINE CO.

218 N Water, Bay City, Mich.  
*See adv index at end of book*  
Marshall Foundry Co., Pittsburgh, Pa.  
Moore Sam'l L. & Sons, Elizabeth, N. J.

### 11427—Pots (Cinder)

Marshall Foundry Co., Pittsburgh, Pa.

### Pots (Decanting)

See Stoneware, Chemical

### Pots (Dross)

See Kettles, Dross

### 11428—Pots (English)

Birmingham Stove & Range Co. (Cast Iron),  
Birmingham, Ala.  
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.  
Glascock Stove & Mfg. Co., Greensboro, N. C.  
Indiana Hollow Ware Co. (Cast Iron),  
Jeffersonville, Ind.  
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.

### 11429—Pots (Fire)

See also Furnaces, Gasoline Blast; also  
Furnaces, Soldering

American Brass & Copper Co. ("American"),  
133 Lafayette, New York  
Ashton Mfg. Co. ("Red Hot" Gasoline),  
17 Nevada, Newark, N. J.  
Berger Bros. Co., 229 Arch, Phila., Pa.  
Best Street Light Co., Canton, O.  
Canedy-Otto Mfg. Co. ("Royal" Needs No Clay),  
Chicago Heights, Ill.  
Clayton & Lambert Mfg. Co. (Gasoline Soldering,  
Kerosene, Cannerys', Electricians' & Lineman's,  
Plumbers' & Tanners', etc.),  
205 Piquette av E, Detroit, Mich.

Detroit Heating & Lighting Co. (Tinners'),  
Detroit, Mich.

Diener Geo. W. Mfg. Co. ("Torrid"),  
400 Monticello av, Chicago, Ill.

Double Blast Mfg. Co. ("Lundy Double Blast"),  
North Chicago, Ill.

Globe Gas Light Co. ("Barthel"),  
25 Union, Boston, Mass.

Haines, Jones & Cadbury Co., 1136 Ridge  
av, Phila., Pa.

Kemp C. M. Mfg. Co. ("Climax" Gas),  
405 E Oliver, Baltimore, Md.

**NIAGARA MACHINE & TOOL WKS.**,  
(Charcoal, Gas, etc.), Buffalo, N. Y.  
*See adv index at end of book*

Quinn Mfg. Co. ("Quinn's"), Detroit, Mich.

Reliable Stove Co., Cleveland, O.

Tirrill Gas Machine Lighting Co., 103 Park  
av, New York

Turner Brass Works, Sycamore, Ill.  
Wotherspoon Jas. R. (Tin Smiths), 233 N  
Front, Phila., Pa.

### 11430—Pots (Flower)

Bird & Son ("Neponset" Waterproof Paper),  
East Walpole, Mass.  
Cambridge Tile Mfg. Co., Covington, Ky.  
Carnegie Brick & Pottery Co., Rialto bldg,  
San Francisco, Cal.

Detroit Flower Pot Mfg. Co., Lafferty &  
Howard, Detroit, Mich.

Findlay Clay Pot Co., Findlay, O.

Goodwin Bros. Pottery Co., Elmwood,  
Conn.

Hall Concrete Products Co. ("Artcrete"),  
Grassland, Pa.

Hewes A. H. & Co., Cambridge, Mass.

Hilfinger Bros., Fort Edward, N. Y.

Ionia Pottery Co., Ionia, Mich.

Keller Pottery Co., Norristown, Pa.

Mt. Gilead Tile & Pottery Co., Mt. Gilead,  
O.

Peters & Reed Pottery Co. (Also Jardin-  
neres), Zanesville, O.

Pfaltzgraff Pottery Co., York, Pa.

Springfield Clay Mfg. Co., Springfield, O.

Standard Toy Marble Co., Akron, O.

Syracuse Pottery Co., Syracuse, N. Y.

Uhl Pottery Co., Evansville, Ind.

Washington Brick, Lime & Sewer Pipe Co.,  
Spokane, Wash.

Whilldin Pottery Co., 713 Wharton, Phila.,  
Pa.

### Pots (Galvanizing)

See Kettles, Galvanizing

### Pots (Glass Melting)

See Glass House Clay Supplies

### 11431—Pots (Glue)

See also Heaters, Glue

Advance Machinery Co., Toledo, O.

**BECK CHAS. CO.**, 607 Chestnut, Phila.,  
Pa. *See adv index at end of book*

Grammes L. F. & Sons, Allentown, Pa.

Indiana Hollow Ware Co., Jeffersonville,  
Ind.

Kraft A. C., 323 W Lake, Chicago, Ill.

**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*

Reading Saddle & Mfg. Co. ("Home,"  
Household), Reading, Pa.

**WESTINGHOUSE ELECTRIC & MFG. CO.**  
(Electric), East Pittsburgh, Pa.  
*See adv index at end of book*

### 11432—Pots (Lead)

Emery Mfg. Co., Bradford, Pa.

McAlleenan Bros. Co., 25th & Railroad,  
Pittsburgh, Pa.

Sperry D. R. & Co. (For Mixing White  
Lead & Oil, etc.), Batavia, Ill.

### 11433—Pots (Marking)

**AMERICAN CAN CO.**, 120 Broadway,  
New York *See adv index at end of book*

Binney & Smith Co. (Cylindro), 81 Fulton,  
New York

Bradley A. J. Mfg. Co. ("Bradley" Com-  
bination, Ball Marking & Stencil), 101  
Beekman, New York

Central Stamping Co., 174 Fulton, New  
York

Elliott Mfg. Co., Warren, Ill.

**GEUDER, PAESCHKE & FREY CO.**  
(Pieced Tin), Milwaukee, Wis.  
*See adv index at end of book*

Kraft A. C., 323 W Lake, Chicago, Ill.

National Enameling & Stamping Co., 374  
B'way, New York

Sexton Can Co., 228 Franklin, Boston,  
Mass.

Spencer S. M. Mfg. Co., 9 Cornhill, Bos-  
ton, Mass.

Sullivan-Geiger Co., Indianapolis, Ind.

### 11434—Pots (Melting)

Advance Mfg. Co., Erie, Pa.

American Fdry & Mfg. Co., 11th & Her-  
bert, St. Louis, Mo.

American Welding Co. (For Lead, etc.),  
Carbondale, Pa.

Buffum Tool Co. ("Swastika"), South Side,  
Louisiana, Mo.

Canton Foundry & Machine Co. (Cast  
Iron), Canton, O.

Clark W. J. Co., Salem, O.

Crane Wm. M. Co. ("Vulcan"), 16 W 32d,  
New York

Garwood Bronze & Iron Works, Garwood,  
N. J.

Glenn Fred E., St. Charles, Ill.

Koven L. O. & Bro., 154 Ogden av, Jersey  
City, N. J.

Monarch Engineering & Mfg. Co., Ameri-  
can bldg, Baltimore, Md.

Philadelphia Roll & Machine Co. (Steel &  
Iron), 23d Washington av, Phila., Pa.

Stevens Frederick B. (Babbitt Metal), 3d  
& Larned, Detroit, Mich.

Strong, Carlisle & Hammond Co., 336-344  
Frankfort av N W, Cleveland, O.

Union Iron Works (Lead Melting), Hobo-  
ken, N. J.

Wilfong Millard F. Iron Works Co., 5199  
Gray's av, Phila., Pa.

### 11435—Pots (Mixing)

Bethlehem Foundry & Machine Co., So  
Bethlehem, Pa.

Graham Chas. Chemical Pottery Works  
(Stoneware), 986 Met av, Brooklyn,  
N. Y.

### Pots (Nitre)

See Pots, Chemical

### 11436—Pots (Paint)

Sexton Can Co. ("Sexton's" Tapering  
Iron), 228 Franklin, Boston, Mass.

### 11437—Pots (Pouring, Asphalt, Etc.)

Albany Belting & Supply Co., Albany,  
N. Y.

Barber Asphalt Paving Co. ("Iroquois"),  
Buffalo, N. Y.

Tarrant Mfg. Co., Saratoga Springs, N. Y.

### 11438—Pots (Salinometer)

National Gauge Co., 300 Pacific, Brooklyn,  
N. Y.

Star Brass Mfg. Co. 108 E Dedham, Bos-  
ton, Mass.

### 11439—Pots (Saturating)

**BIGGS BOILER WORKS CO.** (For Rub-  
ber Mills), Case av & Williams, Akron,  
O. *See adv index at end of book*

### 11440—Pots (Slag)

Davis F. M. Iron Works Co., Denver, Colo.

**KENNEDY VAN SAUN MFG. & ENG. CORP.**,  
120 Broadway, New York  
*See adv index at end of book*

Marshall Foundry Co., Pittsburgh, Pa.

Taylor-Wilson Mfg. Co., McKees Rocks,  
Pa.

### 11441—Pots (Smudge)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*

American Steel Pipe & Tank Co. ("Coe"  
Smokeless), Los Angeles, Cal.

### 11442—Pots (Solder)

American Brass Novelty Co., Grand Haven,  
Mich.

American Electrical Heater Co. (Electric),  
Detroit, Mich.

American Fdry & Mfg. Co., 11th & Her-  
bert, St. Louis, Mo.

Ashton Mfg. Co. ("Red Hot" Metal), 17  
Nevada, Newark, N. J.

Bernz Otto, 21 Ashland av, Newark, N. J.

Best Light Co., Canton, O.

Buffum Tool Co. ("Swastika"), South Side,  
Louisiana, Mo.

Casey-Hedges Co., Chattanooga, Tenn.

Central Foundry Co., 90 West, New York

Clayton & Lambert Mfg. Co. (Metal, Plum-  
bers'), 205 Piquette av E, Detroit, Mich.

Garwood Bronze & Iron Works, Garwood,  
N. J.

Glenn Fred E., St. Charles, Ill.

Hollands Mfg. Co., 352 E 18th, Erie, Pa.

Indiana Hollow Ware Co., Jeffersonville,  
Ind.

Johnson Wm. Hedenberg Works, Newark,  
N. J.

Jones Hollow Ware Co., Forrest & Mad-  
ison, Baltimore, Md.

Kupferle Jno. C. Fdry. Co., 1st & Wright,  
St. Louis, Mo.

Modern Iron Works, Quincy, Ill.

Mott J. L. Iron Works, 118 5th av, New  
York

Osborne C. S. & Co., Harrison, N. J.

Sayre L. A. Co., 332 Mulberry, Newark,  
N. J.

Sperry D. R. & Co., Batavia, Ill.



Stortz John & Son, 210 Vine, Phila., Pa.  
 Stuart & Peterson Co., Burlington, N. J.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Turner Brass Works, Sycamore, Ill.

### Pots (Sprinkling)

See Pots, Watering

### Pots (Stencil Marking)

See Pots, Marking

### 11442a—\*Pots (Sulphonation)

Buffalo Foundry & Machine Co. (Phenol & Picric Acid), 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*

### 11443— Pots (Tallow)

American Tube & Stamping Co., Bridgeport, Conn.  
 Eagle Glass & Mfg. Co., Wellsburg, W. Va.  
**GEM MFG. CO.** ("Gem" Heavy Braided Steel, Copper Plated & Polished Steel) Goebel, nr Fulton, N. S. Pittsburgh, Pa. *See adv index at end of book*  
 Johnson Mfg. Co., Urbana, O.  
 Noera Mfg. Co. (Nickel Plated Steel), Waterbury, Conn.  
 Sands Steel Specialties Co., 6947 Susquehanna, Pittsburgh, Pa.  
 Wall P. Mfg. Supply Co., 705 Preble av, N. S. Pittsburgh, Pa.

### Pots (Tea & Coffee)

See Copper Ware, Stamped, Plated, etc.; also Enameled Ware Mfrs.; also Tinware Mfrs.; also Hollow Ware Mfrs.; also Aluminum Hollow Ware; also Percolators, Coffee

### 11444— Pots (Tempering)

Garwood Bronze & Iron Works, Garwood, N. J.  
 National Tube Co. ("SHELBY" Seamless Steel Tubing), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Wharton Wm. Jr. & Co., Inc. (Cast Steel), Easton, Pa.

### 11445— Pots (Tinning)

Garwood Bronze & Iron Works, Garwood, N. J.  
 Philadelphia Roll & Machine Co., 23d & Washington av., Phila., Pa.  
 Reeves Bros. Co., Alliance, O.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

### 11446— Pots (Vapor)

General Fire Extinguisher Co., Providence, R. I.

### 11447— Pots (Watering)

See also Enameled Ware Mfrs.; also Tinware Mfrs.

Atlantic Stamping Co. ("Atlantic," Sprinkling, Galvanized Iron), 156-180 Ames, Rochester, N. Y.  
 Central Stamping Co. ("Central" & "Newark"), 172 Fulton, New York  
 Crunden-Martin Mfg. Co. (Galvanized), 2d & Gratiot, St. Louis, Mo.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
**GEUDER, PAESCHKE & FREY CO.** (Galvanized Iron, etc), Milwaukee, Wis. *See adv index at end of book*  
 Lalance & Grosjean Mfg. Co., 299 B'way, New York  
 Lisk Mfg. Co. (Ltd.), ("Lisk" Galvanized Iron), Canandaigua, N. Y.  
 National Enameling & Stamping Co., 374 B'way, New York  
 Schlesinger Leo. & Co., 66 Wooster, New York  
 Wotherspoon Jas. R. ("Wotherspoon"), 238 N Front, Phila., Pa.

### 11448— Potteries

Abingdon Sanitary Mfg. Co., Abingdon, Ill.  
 Acme Sanitary Pottery Co., Trenton, N. J.  
 American Clay Products Mfg. Co., Stillwater, Minn.  
 American Sanitary Works, Washington, N. J.  
 American Terra Cotta & Ceramic Co., Peoples Gas bldg, Chicago, Ill.

Anchor Pottery, Trenton, N. J.  
 Athens Pottery Co., Athens, Ga.  
 Baker Charles, Rockville, Ind.  
 Baldoser & Pace Pottery Co., Roseville, O.  
 Bangor Stoneware Co., Bangor, Me.  
 Beatty Pottery Mfg. Co., Frankfort, Ind.  
 Bellmark Co., Trenton, N. J.  
 Bennett Edwin Pottery Co., Baltimore, Md.  
 Benton Brick & Pottery Co., Benton, Ark.  
 Bohemian Pottery Co., Zanesville, O.  
 Bowers Pottery Co., Mannington, W. Va.  
 Brush-McCoy Pottery Co., Zanesville, O.  
 Buckeye Stoneware Co., Buckeye Cottage, O.  
 Buffalo Pottery Co., Buffalo, N. Y.  
 Burley & Winter Pottery Co., Crooksville, O.  
 California Pottery Co., Otis, San Francisco, Cal.  
 Camden Pottery Co., Camden, N. J.  
 Cannelton Stoneware & Pottery Co., Cannelton, Ind.  
 Canonsburg Pottery Co., Canonsburg, Pa.  
 Carrollton Pottery Co., Carrollton, O.  
 Cartwright Bros. Co. (Druggists), East Liverpool, O.  
 Castner Electrolyte Alkali Co. (Bleaching), Niagara Falls, N. Y.  
 Clark Bros. Pottery Co., Cannelton, Ind.  
 Clarksburg Pottery Co., Clarksburg, W. Va.  
 Cochran, Drugan & Co., Trenton, N. J.  
 Cook Bros. Pottery Co., Gadsden Ala.  
 Cook Pottery Co. (Art), Trenton, N. J.  
 Coosada Pottery Co., Coosada Station, Ala.  
 Crooksville China Co., Crooksville, O.  
 Crooksville Pottery Co., Crooksville, O.  
 Crown Potteries Co., Evansville, Ind.  
 Dalton Pottery Co., Dalton, O.  
 Dedham Pottery Co., Dedham, Mass.  
 Dickey W. S. Clay Mfg. Co., Kansas City, Mo.  
 Diehl Pottery Co., Phila., Pa.  
 Douglas John Co., Cincinnati, O.  
 Dunlop & Lisk Pottery Co., Matawan, N. J.  
 East Liverpool Potteries Co. (Decorated), East Liverpool, O.  
 Eberly D. L. Pottery Co. Strasburg, Va.  
 Economy Pottery Co., Trenton, N. J.  
 Elite Pottery Co., Trenton, N. J.  
 Eljer Co., Cameron W. Va.  
 Florentine Pottery Co., Chillicothe, O.  
 Ford Porcelain Works, Perth Amboy, N. J.  
 Foreman Pottery Co., Stockton, Ga.  
 French China Co. (Dinner, Toilet), Sebring, O.  
 Fulper Pottery Co. (Stone Liquor Jugs), Flemington, N. J.  
 Galloway Terra Cotta Co., 3216 Walnut, Phila., Pa.  
 Garden City Pottery Co. San Jose, Cal.  
 Gladding, McBean & Co., Crocker bldg., San Francisco, Cal.  
 Goodwin Bros. Pottery Co., Elmwood, Conn.  
 Graham Chas. Chemical Potter Wks. (Acid Proof Chemical), 1016 Metropolitan av, Brooklyn N. Y.  
 Great Western Pottery Co., Kokomo, Ind.  
 Greenwood China Co., Trenton, N. J.  
 Greenwood Pottery Co., Trenton, N. J.  
 Guernsey Earthenware Co., Cambridge, O.  
 Harker Pottery Co. (Decorated), East Liverpool O.  
 Hawthorn Pottery Co., Hawthorn, Pa.  
 Helfrich Pottery Co., Evansville, Ind.  
 Hewes A. H. & Co., Cambridge, Mass.  
 Hilfinger Bros., Fort Edward, New York  
 Hull A. E. Pottery Co. Crooksville, O.  
 Hyssong C. A., Bloomsburg, Pa.  
 International Pottery Co. (Decorated, Semi-vitreous), Trenton, N. J.  
 Ionia Pottery Co., Ionia, Mich.  
 Keller George & Son, 2618 Herndon, Chicago, Ill.  
 Keller Pottery Co., Norristown, Pa.  
 Keystone Pottery Co., Trenton, N. J.  
 Kiss Bros. Pottery Co., Sag Harbor, N. Y.  
 Knight M. A. Pottery, Cook & Settlement, Akron, O.  
 Knowles Edwin M. China Co. (Dinner, Toilet), East Liverpool, O.  
 Knowles Taylor & Knowles Co. (Decorated, Semi-vitreous), East Liverpool, O.  
 Lambertville Pottery Co., Lambertville, N. J.  
 Laughlin Homer China Co., East Liverpool, O.  
 Lavey James B., Milan, O.  
 Limoges China Co. (Table), Sebring, O.  
 Logan Pottery Co., Logan, O.  
 Lone Star Pottery Co., Winnsboro, Tex.  
 Louisville Pottery Co. (Mfrs.), Floyd & Bloom av, Louisville, Ky.

Lowell Pottery Co., Lowell, Ill.  
 Lowry Bros. Roseville, O.  
 Lowry F. S., Roseville, O.  
 Lyons Stoneware & Pottery Co., Lyons, N. Y.  
 McCoy-Nelson Sanitary Stoneware Co., Roseville, O.  
 McDade Pottery, McDade, Tex.  
 McNicol D. E. Pottery Co. (Decorated), East Liverpool, O.  
 Maddock John & Sons, Trenton, N. J.  
 Maddock's Thos. Sons Co., Trenton, N. J.  
 Mercer Pottery Co. (Decorated, White), Trenton, N. J.  
 Midland Pottery Co., Zanesville, O.  
 Missouri Pottery & Mfg. Co., Kansas City, Mo.  
 Mohawk Clay Products Co., Perrysville, O.  
 Montrose Pottery Co., Montrose, Ala.  
 Monument Pottery Co. (Majolica), Trenton, N. J.  
 Morris China Co., Trenton, N. J.  
 Mount Gilead Tile & Pottery Co., Mount Gilead, O.  
 Nashville Pottery Co., Nashville, Tenn.  
 National China Co., Salineville O.  
 National Pottery Co., Evansville, Ind.  
 New Jersey China Pottery Co., Trenton, N. J.  
 Niloak Pottery, Benton, Ark.  
 Norse Pottery Co., Rockford, Ill.  
 Ohio China Co. (Decorated), East Palestine, O.  
 Ohio Pottery Co., Zanesville, O.  
 Onondaga Pottery Co., Syracuse, N. Y.  
 Owen China Co. (All Kinds), Minerva, O.  
 Owens J. B. Floor & Wall Tile Co. (Art), Zanesville, O.  
 Pace Bros. & Son, Roseville, O.  
 Pacific Coast Pottery & Terra Cotta Co., San Jose, Cal.  
 Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.  
 Paducah Pottery Co., Paducah, Ky.  
 Patterson Bros. (Decorated), Wellsville, O.  
 Peerless Statuary Co., Rahway, N. J.  
 Perine M. & Sons 1009 W Baltimore, Baltimore, Md.  
 Peters & Reed Pottery Co., Zanesville, O.  
 Pewabic Pottery Co., 2161 Jefferson E, Detroit, Mich.  
 Pfaltzgraf Pottery Co. (Stoneware), York, Pa.  
 Phoenix Pottery Co., Bordentown, N. J.  
 Pierron Pottery Co., 31 Johnson, Milwaukee, Wis.  
 Potters Co-operative Co. (Decorated), East Liverpool, O.  
 Ransbottom Bros. Pottery Co., Roseville, O.  
 Rapp Bros., Morton, Ill.  
 Resolute Pottery Co., Trenton, N. J.  
 Ritger Excelsior Pottery Co., 495 5th, Newark, N. J.  
 Robineau Pottery, Syracuse, N. Y.  
 Robinson Clay Product Mfg. Co., Akron, O.  
 Rookwood Pottery Co. (Art), Cincinnati, O.  
 Roseville Pottery Co., Zanesville, O.  
 Royal China Co., Sebring, O.  
 Rupp William (Mrs.), Harrison, O.  
 Sanitary Earthenware Specialty Co., Trenton, N. J.  
 Saxe E. W. Pottery Co., 3519 E 71st, Cleveland, O.  
 Sebring China Co., Sebring, O.  
 Sebring E. H. China Co., Sebring, O.  
 Shenango Pottery Co., New Castle, Pa.  
 Smith-Phillips China Co. (Decorated), East Liverpool, O.  
 South Carolina Pottery Co., North Augusta, S. C.  
 Standard Pottery Co. (Decorated), East Liverpool, O.  
**Standard Sanitary Mfg. Co., Kokomo, Ind. & Tiffin, O.**  
 Standard Sanitary Pottery Co., Elizabeth, N. J.  
 Star Stoneware Co., Crooksville, O.  
 Steiger Terra Cotta & Pottery Wks., Mills bldg. San Francisco, Cal.  
 Steubenville Pottery Co. (Tableware), Steubenville, O.  
 Stevens Bros. Co., Stevens Pottery, Ga.  
 Stine C. W. Pottery Co., White Cottage, O.  
 Summit China Co., Akron, O.  
 Swope George A., Lancaster, Pa.  
 Syracuse Pottery Co. (Flower Pots), 713 E Division, Syracuse, N. Y.  
 Taft J. S. Co. (Artistic), Keene, N. H.  
 Thompson C. C. Pottery Co. (All Kinds), East Liverpool, O.  
 Trenton Fire Clay & Porcelain Co., Trenton, N. J.



Trenton Potteries Co. (Decorated), Trenton, N. J.  
 Union Clay Products Co., Bloomingdale, Ind.  
 Universal Sanitary Mfg. Co., New Castle, Pa.  
 Van Briggles Tile & Pottery Co., Colorado Springs, Colo.  
 Vodrey Pottery Co. (Decorated), East Liverpool, Ohio  
 Volkmar Kilns, Metuchen, N. J.  
 Wabash Pottery Co., Roseville, O.  
 Warwick China Co. (Decorated), Wheeling, W. Va.  
 Weaver Pottery Co., Catlettsburg, Kv.  
 Weis & Schmidt Pottery Co., 3102 Cherry, Milwaukee, Wis.  
 Weller S. A. (Faience), Zanesville, O.  
 Wellsville China Co. (Decorated), Wellsville, O.  
 West End Pottery Co. (Decorated), East Liverpool, O.  
 Western Pottery Co., 3107 S Michigan av., St. Louis, Mo.  
 Western Pottery Mfg. Co., Denver, Colo.  
 Wheatley Pottery Co., Cincinnati, O.  
 Wheeling Sanitary Mfg. Co., Wheeling, W. Va.  
 White Hall Pottery Works, White Hall, Ill.  
 Winfield Pottery Co., Winfield, Tex.  
 Wingender Charles & Bro., Haddonfield, N. J.  
 Woodbridge Pottery Co., Woodbridge, N. J.  
 Wright Tyndale & Van Roden, 1212 Chestnut, Phila., Pa.  
 Yellow Rock Pottery Co., Phila., Pa.  
 Zanesville Art Pottery Co. (Pitchers), Zanesville, O.  
 Zanesville Stoneware Co. (Tableware), Zanesville, O.

#### 11449—Potters' Supplies

Burgess & Co., East Liverpool, O.  
 Excelsior Ball Clay Co. (Clays), Cincinnati, O.  
 Fuerst Bros. & Co., 2 Stone, New York  
 Golding Sons Co. (Clays, Feldspar, etc.), Trenton, N. J.  
 Mountford & Son, East Liverpool, O.  
 Potters Mining & Milling Co., East Liverpool, O.  
 Potters Supply Co., East Liverpool, O.  
 Sant Jno. & Sons Co., East Liverpool, O.

#### 11450—Pouches (Mail)

Amer. Commercial Corp., 120 B'way, New York

#### 11451—Poultry Supplies

Barnes Bros., Wellsville, N. Y.  
 Marble Cliff Quarries Co. (Poultry Grit), Columbus, O.  
 O. K. Company, 157 Water, New York  
 Woodall Mfg. Co. (Roost Bars—Lice Traps), Davenport, Ia.

#### 11452—Pounders (Steak)

Arcade Mfg. Co. (Or Meat), Freeport, Ill.  
 Grey Iron Casting Co. ("Mt Joy," etc), Mt. Joy, Pa.  
 Nicol & Co. ("Star," Ice Pick & Steak Pounder), 218 N Jefferson, Chicago, Ill.  
 Stover Mfg. Co., Freeport, Ill.  
 Wagner Mfg. Co. ("Daisy"), Cedar Falls, Ia.  
 White Ira F. & Son Co., Bloomfield, N. J.  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hardware Co., Wrightsville, Pa.

#### 11452a—\*Pounders (Steak, Spice, etc.)

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

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ATLAS POWDER CO., 10th & Market, Wilmington, Del.

#### 11453a—\*Powder Boxes (Face or Make-Up)

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27, B'way, New York

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AETNA EXPLOSIVES CO., INC. (Blast- & Sportsman's), 120 B'way, New York  
 American Luminous Products Co. ("Radio"), Watts, Los Angeles, Cal.  
 American Powder Mills ("Dead Shot" Black & Smokeless), Board of Trade bldg, Boston, Mass.  
 American Smokeless Powder Co. (Smokeless), 131 State, Boston, Mass.  
 ATLAS POWDER CO., 10th & Market, Wilmington, Del.  
 Black Diamond Powder Co., Mahanoy City, Pa.  
 Burton Powder Co. (Blasting & Permissible), Empire bldg, Pittsburgh, Pa.  
 Cameron Powder Mfg. Co., Emporium, Pa.  
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 Egyptian Powder Co., East Alton, Ill.  
 Equitable Powder Mfg. Co., East Alton, Ill.  
 Giant Powder Co. (Blasting), 1st Nat'l Bk. bldg, San Francisco, Cal.  
 HERCULES POWDER CO. ("Hercules" Blasting Powders) (see dynamite for other brands), "Hercules" Sporting Powder, L. & R. Orange Extra Black Sporting, "Infallible," "E. C." Smokeless Powders for Shotguns, Smokeless Rifle Powders, "Lightning," "Sharpshooter," "W. A., 30 Cal." & "Unique": Smokeless Powder for Revolvers & Rifles ("Bullseye"), Wilmington, Del.  
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 Hoynes Safety Powder Co. (Safety), Cleveland, O. Works: Massillon, O.  
 International Smokeless Powder & Chemical Co. (Smokeless Gun Powder), 120 Broadway, New York  
 Jefferson Powder Co. (Blasting & Safety), Birmingham, Ala.  
 King Powder Co. ("King" Smokeless, "F. F. G." Semi Smokeless), First Nat Bank bldg, Cincinnati, O.  
 McAbee G. R. Powder & Oil Co. ("Tannelite," Safety for Coal Mining), 2nd Nat Bank bldg, Pittsburgh, Pa.  
 Miller Jas. S., Sumneytown, Pa.  
 Nitro Powder Co. (Gun Powder, Black), Kingston, N. Y.  
 Pennsylvania Trojan Powder Co. ("Trojan" Non-Freezing), Allentown, Pa.  
 Rendrock Powder Co. ("Rack-A-Rock"), 106 Wall, New York  
 Roberts Powder Co., Shenandoah, Pa.  
 Robin Hood Ammunition Co. ("Robin Hood" & "Peerless" Smokeless Gun Powder & "Eclipse" Half Smokeless and "Rapidite" Smokeless), Swanton, Vt.  
 Rockdale Powder Co., York, Pa.  
 Shamokin Powder Co. (Blasting), Shamokin, Pa.  
 Standard Powder Co. (Black), 2nd Nat Bank bldg, Pittsburgh, Pa.  
 United States Powder Co. (Explosive), Terre Haute, Ind.  
 Western Powder Mfg. Co., East Alton, Ill.

*See adv index at end of book*  
 Hoynes Safety Powder Co. (Safety), Cleveland, O. Works: Massillon, O.  
 International Smokeless Powder & Chemical Co. (Smokeless Gun Powder), 120 Broadway, New York  
 Jefferson Powder Co. (Blasting & Safety), Birmingham, Ala.  
 King Powder Co. ("King" Smokeless, "F. F. G." Semi Smokeless), First Nat Bank bldg, Cincinnati, O.  
 McAbee G. R. Powder & Oil Co. ("Tannelite," Safety for Coal Mining), 2nd Nat Bank bldg, Pittsburgh, Pa.  
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 Roberts Powder Co., Shenandoah, Pa.  
 Robin Hood Ammunition Co. ("Robin Hood" & "Peerless" Smokeless Gun Powder & "Eclipse" Half Smokeless and "Rapidite" Smokeless), Swanton, Vt.  
 Rockdale Powder Co., York, Pa.  
 Shamokin Powder Co. (Blasting), Shamokin, Pa.  
 Standard Powder Co. (Black), 2nd Nat Bank bldg, Pittsburgh, Pa.  
 United States Powder Co. (Explosive), Terre Haute, Ind.  
 Western Powder Mfg. Co., East Alton, Ill.

#### 11455—\*Powder Squib

HERCULES POWDER CO., Wilmington, Del. *See adv index at end of book*

#### 11456-7-8—Powder Thawers

Rundle A. J. ("Rundle's"), Iron Mountain, Mich.

#### Powder (Washing)

*See Powders, Soap*

#### Powders (Aluminum)

*See Bronze Powders*

#### 11459—Powders (Bleaching)

*See also Chloride of Lime*

Arnold, Hoffman & Co., 55 Canal, Providence, R. I.  
 Castner Electrolyte Alkali Co. (High Test), Niagara Falls, N. Y.  
 Clark Fred G. Co., 1081 W 11th Cleveland, O.

Dow Chemical Co., Midland, Mich.  
 Ferguson Bros., 109 Chestnut, Phila., Pa.  
 Fuerst Bros. & Co. (Imported), 2 Stone, New York  
 Graesseli Chemical Co., Guardian bldg, Cleveland, O.  
 Hollingsworth & Peterson, Lafayette bldg, Phila., Pa.  
 Hooker Electrochemical Co., 40 Wall, New York  
 INNIS, SPEIDEN & CO., INC. ("Isco"), 46 Cliff, New York  
*See adv index at end of book*  
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York  
 National Aniline & Chemical Co., 100 William, New York  
 Niagara Alkali Co., Niagara Falls, N. Y.  
 Partola Mfg. Co., 201 E 10th, New York  
 Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.  
 Riker J. L. & D. S. (Imp), 19 Cedar, New York  
 Roessler & Hasslacher Chemical Co., 100 William, New York  
 Tennant C. Sons & Co. of N. Y. (Imp), 100 William, New York

#### 11460—Powders (Carbonating)

Church & Dwight Co. ("Zenith"), 80 Maiden Lane, New York

#### 11461—Powders (Flattening)

Scheel Wm. H. (Imported), 159 Maiden Lane, New York

#### 11462—Powders (Hardening)

Scheel Wm. H. (Imported), 159 Maiden Lane, New York

#### Powders (Insect)

*See Insecticides*

#### 11462a—Powders (Scouring)

California Soap Co., 2437 E. 9th, Los Angeles, Cal.  
 Domestic Soap Mfg. Co., 113 6th, Long Island City, N. Y.  
 Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio.  
 Kenny J. T. & Co. ("Kennys"), St. Paul, Minn.  
 Larkin Co., 663 Seneca, Buffalo, N. Y.  
 Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.

#### 11463-4—Powders (Soap)

Allison Bros., Middletown, Conn.  
 American Soap & Washoline Co., Cohoes, N. Y.  
 Babbitt B. T. Inc. ("Babbitt 1776"), 11 B'way, New York  
 Beach Soap Co. ("World"), Lawrence, Mass.  
 Bon Ami Co., Battery pl., New York  
 Central Soap Mfg. Co., 2671 E 75th, Cleveland, O.  
 Citrus Soap Co. ("Citrus"), San Diego, Cal.  
 Cortland Specialty Co. ("Houts"), 174 Railroad, Cortland, N. Y.  
 Creta Creme Co., 520 27th, New York  
 Daggitts' Wm. H. Sons, 383 W 12th, New York City  
 Devillers Soap Co. ("National"), 95 Cliff, New York  
 Electric Compound Co., 211 W 16th, Los Angeles, Cal.  
 Electric Smelting & Aluminum Co. ("Alumina-Soapalite"), Lockport, N. Y.  
 Fairbank N. K. Co., 111 W Washington, Chicago, Ill.  
 Fichtenberg Hans E., Merrill bldg, Milwaukee, Wis.  
 Flavell Co. (Wire Drawing), Asbury Park, N. J.  
 Globe Soap Co., United Bank bldg, Cincinnati, O.  
 Hunnewell Soap Co. ("Crown"), 312 Genesee, Cincinnati, O.  
 India Alkali Works ("Savogran"), 28 India Wharf, Boston, Mass.  
 Jidas J. D. Bros. & Co., 906 W North av., Chicago, Ill.  
 Kalamazoo Soap Co., Kalamazoo, Mich.  
 Kendall Mfg. Co., 90 Friendship, Providence, R. I.  
 Kenny J. T. & Co. ("Submarine"), St. Paul, Minn.  
 Kirkman & Son, 215 Water, Brooklyn, N. Y.  
 Lautz Bros. & Co., Buffalo, N. Y.  
 McVicker W. B. Co., 115 B'way, New York  
 Modoc Co., Fernwood, Pa.



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 New Spar Prod. Co., Columbia & B. & O. R. R., Baltimore, Md.  
 Orford Soap Co., 17 Battery plc., New York.  
 Pennsylvania Soap Co., Lancaster, Pa.  
 Pioneer Mfg. Co. ("Shino"), Harvard av. & C. 103rd, Cleveland, Ohio  
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 Puritan Soap Co., ("Puritan"), 496 Exchange, Rochester, N. Y.  
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 Rub-No-More Co., Ft. Wayne, Ind.  
 Sibley Soap Co., Franklin, Pa.  
 Smith C. A. ("Index"), Hamilton, Ohio  
 Standard Chemical Co., 4 Alden ct, Boston, Mass.  
 Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.  
 Tomson P. C. & Co., 29 Washington av., Philadelphia, Pa.  
 Vera Chemical Co., No. Milwaukee, Wis.; Stoneham, Mass.; Burlington, Ont., Canada  
 Wayne Soap Co., Copeland & M. C. R. R. Co., Detroit, Mich.  
 Wilson & Co. (Washing), 41st & Ashland av, Chicago, Ill.  
 Wrisley Allen B. Co., 923 S. 5th. av., Chicago, Ill.

### Powders (Sweeping)

See Compounds, Sweeping

### 11465—Powers (Dog, Sheep, Etc.)

Gowanda Agricultural Works, Gowanda, N. Y.  
 McDermald J., Rockford, Ill.  
 Vermont Farm Machine Co., Bellows Falls, Vt.

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Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
 Rauch Henry & Son ("Universal" for Removing Old Pitch from Cooperage), Mt. Vernon, N. Y.

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Benjamin Electric Mfg. Co. (For Punching Presses, etc), 128 S Sangamon, Chicago, Ill.  
**GEUDER, PAESCHKE & FREY CO.** ("Cream City" Automatic Accident Preventor), Milwaukee, Wis.  
*See adv index at end of book*  
 Grammes L. F. & Sons, Allentown, Pa.  
 H. & A. Lock Co. (Punch Press Safety Appliance), 243 44th, Brooklyn, N. Y.  
 Hardware Supply Co., Grand Rapids, Mich.  
 Walsh Press & Die Co., 4709 W Kinzie, Chicago, Ill.

### 11468—Press-Board

Case A. Willard Co. (Imitation), Manchester, Conn.

Case Bros., Highland Park, Conn.  
 Case-Risley Press Paper Co., Oneco, Conn.  
 Crehore Chas. F. & Son, 87 Milk, Boston, Mass.  
 Merwin Paper Co., Rainbow, Conn.  
 New York & Penna Co., 200 5th av, New York  
 Rogers Paper Mfg. Co., South Manchester, Conn.

### 11469—\*Press Clippings

**FULLER'S PRESS CLIPPING BUREAU**, Pacific bldg, Seattle, Wash.

### 11470—Pressed Steel Specialties

See also Steel, Pressed

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**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass.  
*See adv index at end of book*  
**Brazil Stamping & Mfg. Co.** (Small), Brazil, Ind.  
**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
 Detroit Pressed Steel Co., Detroit, Mich.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.  
 Gem Mfg. Co., Goebel, nr Fulton, N S, Pittsburgh, Pa.  
*See adv index at end of book*  
**GEUDER PAESCHKE & FREY CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Gier Pressed Steel Co., Lansing, Mich.  
 Glasgow Iron Co., Pottstown, Pa.  
 Globe Machine & Stamping Co., (To Order), 1250 W 76th, Cleveland, O.  
 Heggie Jas. G. & Sons, Joliet, Ill.  
 Hydraulic Pressed Steel Co. (House Forms, etc), 3152 E 61st, Cleveland, O.  
 Knox Pressed & Welded Steel Co., Farmers' Bk. bldg, Pittsburgh, Pa.  
 Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.  
 Mossberg Frank Co. (Parts for Guns, Automobile, Typewriter Machines, etc), Attleboro, Mass.  
 New England Pressed Steel Co., Natick, Mass.  
 Pressed Steel Co. (of N. Y.), Wilkes-Barre, Pa.  
 Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

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Quinsigamond Pressed Steel Co., Worcester, Mass.  
 Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.  
 Transue & Williams Steel Forging Corp., Alliance, O.  
 Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.  
 Worcester Pressed Steel Co., Worcester, Mass.

### 11471—Pressers (Cork)

Phoenix Hardware Mfg. Co., Homer, N. Y.

### 11472—Presses (Arbor)

Atlas Press Co., 323 N Park, Kalamazoo, Mich.  
 Barnes W. F. & Jno. Co., Rockford, Ill.  
 Bartlett E. E. ("Greenard"), 326 A, Boston, Mass.  
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 Geier P. A. Co., Cleveland, O.  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
 Lourie Mfg. Co., Springfield, Ill.  
 Lucas Machine Tool Co. ("Lucas," Power), 524 E 99th, Cleveland, O.  
 Myers Machine Tool Co., Columbia, Pa.  
 Niles-Bement-Pond Co., 111 B way, New York  
 United Engine & Mfg. Co ("Long Range"), Hanover, Pa.

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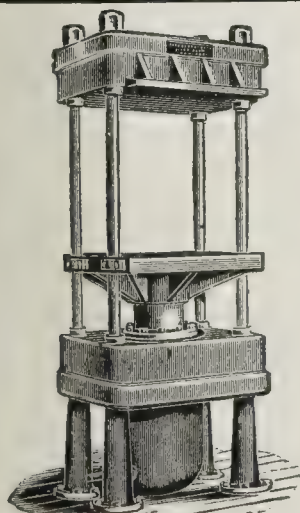
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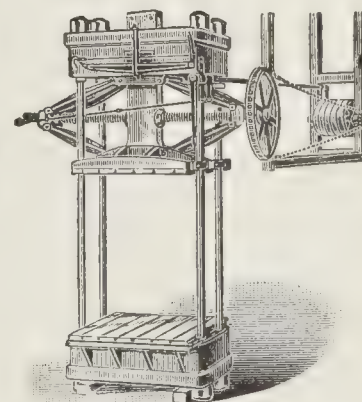
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Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.  
Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
**WATSON-STILLMAN CO.** (Hydraulic), 38 Church, New York  
*See adv index at end of book*  
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
**Woodall Mfg. Co. ("Money Saver" Hand)**, 500 Taylor, Davenport, Ia.**Presses (Baling, Paper)***See Presses, Baling & Hay; also Presses, Baling Waste***11483—Presses (Baling, Waste)**Alsteel Mfg. Co. (Paper), Battle Creek, Mich.  
Bicking Paper Co. (For Paper, Rags, etc.), 111 N 2d, Phila., Pa.  
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Davenport Mfg. Co. ("Schicks"), All Steel, Davenport, Ia.  
Economy Baler Co. ("Economy" Steel Frame, Paper, etc.), Ann Arbor, Mich.  
Ertel Geo. Co. (For Waste Paper, etc.), Quincy, Ill.  
Famous Mfg. Co. (Paper), E Chicago, Ind.  
Franke Fred & Co., 716 E Main, Louisville, Ky.  
Handy Press Co. (Paper, Cloth, etc.), Grand Rapids, Mich.  
Haugh J. G. & Co. (Paper), Bascom, O.  
Hazen Mfg. Co. ("Hudson"), Hudson, Mich.  
Hobson & Co., Easton, Pa.  
Hydraulic Press Mfg. Co. (Wood & Steel Box), Mt. Gilead, O.  
Leigh Banana Case Co. (Paper), 2230 S Union av, Chicago, Ill.  
Logemann Bros. Co. (All Kinds Waste Materials), 3130 Burleigh, Milwaukee, Wis.  
Lourie Mfg. Co., Springfield, Ill.  
Lubbers & Bell Mfg. Co. ("One Minute," for Waste Paper), Clinton, Ia.  
Midland Supply Co. ("Prestel," for Paper), Davenport, Ia.  
Minnich Machine Works ("Minnich" Steel Hand & Power), Landsville, Pa.Osco Machine Co. ("Osco," Paper), 185 Franklin, Boston, Mass.  
Petroleum Iron Works Co. ("Leader" All Steel), Sharon, Pa.  
Pick Albert & Co. (Paper), 212 W Randolph, Chicago, Ill.  
Ripley Foundry & Machine Co. ("Sampson" Paper), Ripley, O.  
Smith Philip Mfg. Co. (Paper), Sidney, O.  
Sullivan Machinery Co. ("Sullivan" Hand Power), Peoples Gas bldg, Chicago, Ill.  
Wenzelman G., Galesburg, Ill.  
Woodall Mfg. Co. ("Money Saver" Hand), 500 Taylor, Davenport, Ia.**11484-5—Presses (Baling & Hay)***See also Presses, Cotton*Admiral Hay Press Co., Kansas City, Mo.  
Alamo Iron Works (Hay), San Antonio, Tex.  
Ann Arbor Machine Co. "Ann Arbor Line," Ann Arbor, Mich.  
Auto Fedan Hay Press Co. (Auto Self Feed Hay Press), 1603 Wyoming, Kansas City, Mo.  
**BECK CHAS. CO.** (Paper Baling), 607 Chestnut, Phila., Pa. *See adv index at end of book*  
**BOOMER & BOSCHERT PRESS CO.** (Baling Only), 379 W Water, Syracuse, N. Y. *See adv index at end of book*  
Burkett Mfg. Co. (Hay), 162 W Spring, Columbus, O.  
Cardwell Machine Co. (Hydraulic Baling), 1900 E Cary, Richmond, Va.  
Chattanooga Implement & Mfg. Co. (Hay), East Chattanooga, Tenn.  
Chattanooga Plow Co. (Hay & Straw), Chattanooga, Tenn.  
Collins Plow Co. (Hay, "EH," "Noxall," "Excelsior"), Quincy, Ill.  
Dain Mfg. Co. (Hay, Horse Power & Motor), Ottumwa, Ia.  
Davenport Mfg. Co., Davenport, Ia.  
Dennis John Machine Co., Lowell, Mass.  
Eagle Hay Press & Implement Co. (Hay, etc.), Muskogee, Okla.  
**ELMES CHAS. F. ENGINEERING WORKS (INC.)**, (Baling Only, for Paper, Rags, Waste & Wool, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*  
Emerson Brantingham Co. ("Reeves," "Geiser Peerless," Hay), Rockford, Ill.  
Ertel Geo. Co. ("Victor" & "Gem" Hay, Straw, Waste Paper, etc.), Quincy, Ill.  
Famous Mfg. Co. ("Champion," Good as Gold for Hay, Paper & Metal Scrap), East Chicago, Ind.  
Grand Rapids Salvage Co. (Paper), Grand Rapids, Mich.  
Hampton Ralph C. (Hay), Honeybrook, Pa.  
Hasard Wm. (Hay), Trumansburg, N. Y.  
Hobbs Mfg. Co. (Waste Baling), Worcester, Mass.  
Hobson & Co., Easton, Pa.  
Hydraulic Press Mfg. Co. (For Cloth, Cotton, etc.), Mount Gilead, O.  
Indianapolis Excelsior Machinery Co. (For Excelsior), Indianapolis, Ind.  
Junior Monarch Hay Press Co. ("Junior Monarch," "Little Giant"), San Leandro, Cal.  
Kansas City Hay Press Co. ("Lightning" Combination Straw, etc.), Kansas City, Mo.  
Kline Lewis T., Alpena, Mich.  
Logemann Bros. Co. (All Kinds of Products), 3130 Burleigh, Milwaukee, Wis.  
Lombard Iron Wks. & Supply Co., Augusta, Ga.  
Maurer F. X. Co. (Hay), Spencer, Ia.  
Maytag Co. ("Buffalo" Hay), Newton, Ia.  
Nancy Hanks Hay Press & Foundry Co. (Hay), Dalton, Ga.  
New Winona Mfg. Co. ("Hay King" Horse & Diamond Steam Power), Winona, Minn.  
Ohio Cultivator Co. ("Ohio"), Bellevue, O.  
Port Huron Engine & Thresher Co., Port Huron, Mich.  
Sandwich Mfg. Co. (Hay), Sandwich, Ill.  
Sinclair-Scott Co. ("Baltimore"), Wells & Patapasco, Baltimore, Md.  
Smith, Philip Mfg. Co. (Paper Balers), Sidney, O.  
Smith & Sons Mfg. Co. (Hay), Kansas City, Mo.  
Southern Plow Co. ("Cumming"), Columbus, Ga.  
Spencer J. A. (Hay, "Favorite Alligator," "Hercules," "Perpetual"), Dwight, Ill.  
Strait H. N. Mfg. Co., Kansas City, Kans.  
Swayne, Robinson & Co. (Automatic Hay), Richmond, Ind.

Thomas Albright Co., (Hydraulic, for Paper Stock, Yarns, Rags, Hair, Waste, etc.), Goshen, Ind.

Waterville Foundry &amp; Mfg. Co., Waterville, N. Y.

**WATSON-STILLMAN CO.** (Hydraulic Baling), 38 Church, New York  
*See adv index at end of book*

Whitehurst R. W. Mfg. Corp. (Hay), Norfolk, Va.

Whitman Agricultural Co. (Steam, Horse, Hand &amp; Gasoline Power), 7000 S B'way, St. Louis, Mo.

Williams Mfg. Co. (Hay), Macon, Ga.

Wirtz &amp; Hernlen (Hay), Augusta, Ga.

**Woodall Mfg. Co. ("Money Saver," Hay, Straw, Tobacco Stems, Excelsior, Stalks, Paper, Cuttings, etc.)**, 500 Taylor, Davenport, Ia.

Ypsilanti Hay Press Co. ("Wolverine" Hay), Ypsilanti, Mich.

**11486— Presses (Beeswax)***See also Beekeepers' Supplies*

Kretchmer Mfg. Co., Council Bluffs, Ia.

**11487— Presses (Beet Pulp)**

Jackson &amp; Church Co. ("Selwig &amp; Lange"), Saginaw, Mich.

**KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.  
*See adv index at end of book*

Whitman Agricultural Co. (Hand &amp; Power), 6900 S B'way, St. Louis, Mo.

**11488—Presses (Beet Testing)****MacKINNON BOILER & MACHINE CO.**, (Hydraulic & Hand Power), 218 N Water, Bay City, Mich.  
*See adv index at end of book***11489— \*Presses (Belting)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book***ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book***11490— Presses (Bench)***See also Presses, Power*

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.

Baird Machine Co., Bridgeport, Conn.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Ferracute Machine Co., Bridgeton, N. J.

Manville E. J. Machine Co., Waterbury, Conn.

McCall Machine Works ("Baxendale"), Rochester, N. Y.

Meriden Press &amp; Drop Co. ("Merriman"), Meriden, Conn.

Perkins Machine Co., Warren, Mass.

Rowbottom Machine Co. ("Rowbottom Yankee"), Waterville, Conn.

Springfield Machine Tool Co. (Straightening, etc.), Springfield, O.

Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co., 7th &amp; O'Fallon, St. Louis, Mo.

**11491— Presses (Bending)**

Alliance Machine Co., Alliance, O.

Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book*

Ferracute Machine Co., Bridgeton, N. J.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

Lourie Mfg. Co., Springfield, Ill.

**MORGAN ENGINEERING CO.** (Plate Bending, etc.), Alliance, O.  
*See adv index at end of book*

Neumeyer &amp; Dimond ("Demag" Imp.), 82 Beaver, New York

**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y. *See adv index at end of book*

Slaysman &amp; Co., cor Pratt &amp; President, Baltimore, Md.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

Wood R. D. &amp; Co., 400 Chestnut, Phila., Pa.



**Presses (Bicycle Chain)**

See Presses, Power

**11492—Presses (Bicycle Saddle)**Burroughs Chas. Co., 141 Commerce, Newark, N. J.  
Hydraulic Press Mfg. Co., Mt. Gilead, O.**11493—\*Presses (Binders' Board)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book***Presses (Blanking)**

See Presses, Power

**11494—\*Presses (Bliss Inclinal)****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***11495—\*Presses (Book Binders')****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book***11496— Presses (Box)**

Chase Turbine Mfg. Co. (Automatic), Orange, Mass.

**Presses (Brick)**

See Machines, Brick Press

**Presses (Briquetting)**

See Briquetting Machinery

**11497—Presses (Broaching)****AMERICAN CAN CO. (Machinery Dept.)**, Monroe bldg, Chicago, Ill.  
*See adv index at end of book***BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book***ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book*Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Hydraulic Press Mfg. Co. ("Hydraulic"), Mt. Gilead, O.

Logemann Bros. Co. (For Brass), 3130 Burleigh, Milwaukee, Wis.

Perkins Machine Co., Warren, Mass.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book***11498— Presses (Bumping)****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Swaine F. J. Mfg. Co., 7th &amp; O'Fallon, St. Louis, Mo.

Wold, Torris &amp; Co., 240 N Ashland av, Chicago, Ill.

**11499—Presses (Cabbaging)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*

Famous Mfg. Co. (For Pressing Scrap Brass, etc), E. Chicago, Ind.

Farrel Foundry &amp; Machine Co., Ansonia, Conn.

Logemann Bros. Co. (For Brass &amp; Copper Scrap), 3130 Burleigh, Milwaukee, Wis.

**11500— Presses (Cage)**

Callahan W. P. Co., Dayton, O.

**11501—Presses (Cam Drawing)**

See also Presses, Drawing; also Presses, Power

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.  
*See adv index at end of book*

Standard Machinery Co., Providence, R. I.

**11502— Presses (Car Seal)**

Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3d, St. Louis, Mo.

**11503—Presses (Car Wheel)**

See also Presses, Hydrostatic Wheel

Bethlehem Steel Co., South Bethlehem, Pa.  
Caldwell E. K. & Co. (Hydraulic), Bradford, Pa.

Chambersburg Engineering Co., Chambersburg, Pa.

Dudgeon Richard, 24 Columbia, New York

**ELMES CHAS. F. ENGINEERING WKS. (INC.)** (Paper, Rags & Waste), cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book*

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

Lake Shore Engine Works, Marquette, Mich.

Lobdell Car Wheel Co., G., nr Christiana, Wilmington, Del.

Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.

McCall Machine Works ("Schaffer," Hydraulic), Rochester, N. Y.

Niles-Bement-Pond Co., 111 B'way, New York

Nolte Adolph (Hydraulic), Rochester, N. Y.

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

Wood R. D. &amp; Co., 400 Chestnut, Phila., Pa.

**Presses (Card Cutting)**

See Card Cutting Machines

**11504—Presses (Card Printing)**

Automatic Printing Press Co. (Automatic Self-Feeding), 913 W Van Buren, Chicago, Ill.

Buffum Tool Co. ("Buffum" Automatic), South Side, Louisiana, Mo.

Feuerstein S. B. &amp; Co., 542 W Jackson blvd, Chicago, Ill.

Grammes L. F. &amp; Sons, Allentown, Pa.

**11505—Presses (Chamfering)**

Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.

**11506— Presses (Cheese)**

Burrell D. H. &amp; Co. ("Sprague" Adjustable Continuous Pressure Gang &amp; "Fraser" Gaug Presses &amp; Hoops), Little Falls, N. Y.

Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.

Dairy Specialty Co., West Chester, Pa.

Gowanda Agricult'l Works Co., Gowanda, N. Y.

Jones Frauk L. (Gang), Utica, N. Y.

Oakes &amp; Burger Co., Cattaraugus, N. Y.

**11507—\*Presses (Chemists' Laboratory)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book***Presses (Cider)**

See Presses, Wine &amp; Cider

**11508—Presses (Cigar Packers')**

Grammes L. F. &amp; Sons, Allentown, Pa.

Miller, Du Brul &amp; Peters. Mfg. Co., 507 E Pearl, Cincinnati, O.

**Presses (Cloth Cutting)**

See Cloth Cutting Machines in Textile Machinery &amp; Supplies

**11509—Presses (Cloth Finishing)**

Hydraulic Press Mfg. Co. ("London" Shrinking), Mt. Gilead, O.

**11510— Presses (Coil)**

Oliver Elec. &amp; Mfg. Co. ("Precision"), 2221 Lucas, St. Louis, Mo.

**Presses (Coining)**

See Coining Machines

**11511—Presses (Cold Punched Nut)**

Pawtucket Mfg. Co., Pawtucket, R. I.

**11512— \*Presses (Collet)****BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***Presses (Concrete)**

See Concrete Building Block Machinery

**11513—Presses (Concrete Stone)**

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

**11513a— \*Presses (Continuous)****ANDERSON V. D. CO.** ("Anderson" Expellers for Oil or Moisture), W 96th, Cleveland, O.*See adv index at end of book***11514—Presses (Continuous Roller)****KUTZTOWN FOUNDRY & MACHINE CO.** ("Edgerton" for Abbatoirs, etc), 1421 Chestnut, Phila., Pa.*See adv index at end of book***11515—Presses (Copper Plate)**

Modern Die &amp; Plate Press Mfg. Co., Belleville, Ill.

**11516— Presses (Copying)**

Bailey Mfg. Co., Berlin, Conn.

Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.

Hoe R. &amp; Co., 504 Grand, New York

Howe Scale Co., Rutland, Vt.

Illinois Iron &amp; Bolt Co., Carpentersville, Ill.

Racine Malleable &amp; Wrought Iron Co., Racine, Wis.

Regina Co. ("Victoria" Rotary), 47 W 34th, New York

Roneo Co. ("Roneo" Rotary Automatic Copying &amp; Cutting), 117 Leonard, New York

Tatum Sam'l C. Co., Cincinnati, O.

Yawman &amp; Erbe Mfg. Co. ("Rapid Roller Copier"), Rochester, N. Y.

**11517— Presses (Cork)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*

Enterprise Mfg. Co. of Pa., 3rd &amp; Dauphin, Phila., Pa.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

**11518— Presses (Cotton)**

Adams W. T. Machine Co., Corinth, Miss.

Attalla Foundry &amp; Machine Co., Attalla, Ala.

Bushnell Geo. H. Press Co., Thompsonville, Conn.

Cardwell Machine Co. ("Little Giant" Hydraulic), 1900 E Cary, Richmond, Va.

Continental Gin Co., Bridgewater, Mass., &amp; Birmingham, Ala.

Famous Mfg. Co., East Chicago, Ind.

Georgia Agricultural Works, Fort Valley, Ga.

Hobson &amp; Co., Easton, Pa.

Hyde Chas. J., Meridian, Miss.

Hydraulic Press Mfg. Co., Mount Gilead, Ohio

Liddeil Co., Charlotte, N. C.

Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.

Lombard Iron Works &amp; Supply Co., Augusta, Ga.

Lummas Cotton Gin Co., Columbus, Ga.

Maurer F. X. Co., Spencer, Ia.

Mecklenburg Iron Works, Charlotte, N. C.

Murray Co., Dallas, Texas

Schofield's J. S. Sons Co., Macon, Ga.

Sinclair-Scott Co., Wells &amp; Patapsco, Baltimore, Md.

Valk &amp; Murdoch Co., Charleston, S. C.

West Point Iron Works, West Point, Ga.

Whitehurst R. W. Mfg. Corp., Norfolk, Va.

Wood R. D. &amp; Co., 400 Chestnut, Phila., Pa.

Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

**11519—Presses (Cotton Seed Hull)**

Cardwell Machine Co., 1900 E Cary, Richmond, Va.



Famous Mfg. Co., East Chicago, Ind.  
Liddell Co., Charlotte, N. C.  
Murray Co., Dallas, Tex.  
Valk & Murdoch Co., Charleston, S. C.  
Whitehurst R. W. Mfg. Co., St. Louis, Mo.  
Whitman Agricultural Co., 7000 S B'way,  
St. Louis, Mo.  
Woodall Mfg. Co. ("Money Saver"), 500  
Taylor, Davenport, Ia.

**11520—Presses (Cotton Seed Oil)**

**ANDERSON V. D. CO.** ("Anderson"), W  
96th, Cleveland, O.  
*See adv index at end of book*  
Buckeye Iron & Brass Works, Dayton, O.  
Callahan W. P. Co. (Hydraulic), Dayton,  
Ohio  
Cardwell Machine Co. (Hydraulic), 1900 E  
Cary, Richmond, Va.  
French Oil Mill Machinery Co., Piqua, O.  
Hydraulic Press Mfg. Co., Mt. Gilead, O.  
Platt Iron Works Co., Dayton, O.  
Shriver T. & Co., Harrison, N. J.

**11521—Presses (Crank Pin)**

Alliance Machine Co., Alliance, O.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*  
Dudgeon Richard, 24 Columbia, New York  
**ELMES CHAS. F. ENGINEERING WKS.**  
(INC.), c Fulton & Sangamon, Chi-  
cago, Ill. *See adv index at end of book*  
Hydraulic Press Mfg. Co. (Hydraulic), Mt.  
Gilead, O.  
Olsen Tinius Testing Machine Co., 500 N  
12th, Phila., Pa.  
Perkins Machine Co., Warren, Mass.  
V. & O. Press Co. ("V. & O."), Dry Hrbr.  
rd, Glendale Station, L. I., N. Y.  
**WATSON-STILLMAN CO.**, 38 Church,  
New York *See adv index at end of book*

**Presses (Cutting)**

See Presses, Power

**11522— Presses (Cutting Glove Makers')**

Curtin Hebert Co. (For Leather, Canvas  
or Silk Gloves), Gloversville, N. Y.

**11523—Presses (Cutting & Creasing)**

Griswold George M. Machine Co. (Folding  
Box Makers), New Haven, Conn.

**11524— Presses (Dental)**

Hydraulic Press Mfg. Co. (For Seamless  
Gold Crown Teeth), Mt. Gilead, O.

**Presses (Dial)**

See Presses, Power

**11525—\*Presses (Dial Feed)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

**11526— Presses (Die)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*  
Ferracute Machine Co., Bridgeton, N. J.  
Grammes L. F. & Sons, Allentown, Pa.  
Hydraulic Press Mfg. Co. (Hydraulic), Mt.  
Gilead, O.  
Kane & Roach, Syracuse, N. Y.  
Kidder R. E. Co. (For Envelopes), Worces-  
ter, Mass.  
Modern Die & Plate Press Mfg. Co., Belle-  
ville, Ill.  
**NIAGARA MACHINE TOOL WKS.**, Buf-  
falo, N. Y. *See adv index at end of book*  
Osco Machine Co. ("Osco," for Stamping,  
Embossing & Gold Leaf Work), 185  
Franklin, Boston, Mass.  
Perkins Machine Co., Warren, Mass.  
Seelye Mfg. Co., 118 South, Boston, Mass.  
Seybold Machine Co., Dayton, O.  
Sheridan T. W. & C. B. Co. (Bookbinders),  
434 B'way, New York  
Slaysman & Co., c Pratt & President, Bal-  
timore, Md.  
Swaine F. J. Mfg. Co., 7th & O'Fallon, St.  
Louis, Mo.  
Thomas Albright Co. (Hydraulic), Goshen,  
Ind.  
**WATSON-STILLMAN CO.**, 38 Church, New  
York *See adv index at end of book*

**Wood R. D. & Co.** (Hydraulic), 400 Chest-  
nut, Phila., Pa.

**11527—Presses (Die Cutting)**

Grammes L. F. & Sons, Allentown, Pa.  
Logemann Bros. Co., 3130 Burleigh, Mil-  
waukee, Wis.  
Oswego Machine Works (Niel Gray, Jr.,  
Prop.) ("Oswego" for Printers & Box  
Makers, etc), Oswego, N. Y.  
Slaysman & Co., c Pratt & President, Bal-  
timore, Md.

**11528—\*Presses (Disc Notching)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

**11529— Presses (Drawing)**

See also Sheet Metal Workers' Machines &amp; Tools

**AMERICAN CAN CO.** (Machinery Dept.),  
Monroe bldg, Chicago, Ill.

*See adv index at end of book*

**Ams Max Machine Co.** ("Ams"), Bridge-  
port, Conn.

Baird Machine Co., Bridgeport, Conn.

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

Chambersburg Engineering Co. (Hydrau-  
lic), Chambersburg, Pa.

Cleveland Machine & Mfg. Co. (Forming,  
Blanking & Drawing), 4944 Hamilton  
av, Cleveland, O.

**ELMES CHAS. F. ENGINEERING WKS.**  
(INC.), c Fulton & Sangamon, Chicago,  
Ill. *See adv index at end of book*

Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham,  
Pittsburgh, Pa.

Hibbard Wm. H. Mfg. Co., 79 Washington,  
Brooklyn, N. Y.

Kane & Roach, Syracuse, N. Y.  
Leffler Charles & Co. (Sheet Metal, etc),  
59 Clymer, Brooklyn, N. Y.

*See adv index at end of book*  
Massillon Foundry & Machine Co., Massil-  
lon, O.

Meriden Press & Drop Co. ("Merriman,"  
Cut & Draw), Meriden, Conn.

Michigan Press Co., Ypsilanti, Mich.  
Morgan Engineering Co., Alliance, O.

*See adv index at end of book*  
**NIAGARA MACHINE & TOOL WORKS.**  
Buffalo, N. Y.

*See adv index at end of book*  
Perkins Machine Co., Warren, Mass.

Richard Mfg. Co., Bloomsburg, Pa.  
Slaysman & Co., c Pratt & President, Bal-  
timore, Md.

Standard Machinery Co., Providence, R. I.  
Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co., 7th & O'Fallon,  
St. Louis, Mo.

Toledo Machine & Tool Co., Toledo, O.  
V. & O. Press Co., Dry Harbor rd, Glen-  
dale Station, N. Y.

Walsh Press & Die Co. (For Drawn  
Shellac, etc), 4709 W Kinzie, Chicago,  
Ill.

Waterbury Farrel Foundry & Machine Co.,  
Waterbury, Conn.

**WATSON-STILLMAN CO.**, 38 Church,  
New York *See adv index at end of book*

Wood R. D. & Co., 400 Chestnut, Phila.,  
Pa.

Woonsocket Machine & Press Co., Woon-  
socket, R. I.

Zeh & Hehnemann Co. (Double Acting),  
Vanderpool & av A, Newark, N. J.

**Presses (Drill)**

See Drilling Machines

**11530— Presses (Drop)**

See also Hammers, Drop

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

Canton Foundry & Machine Co. ("Univer-  
sal" for Metal Ceilings), Canton, O.

Garrison A. Foundry Co., 901 Bingham,  
Pittsburgh, Pa.

Ferracute Machine Co., Bridgeton, N. J.  
Heartley Machine Variety Iron & Tool  
Works, 900 Summit, Toledo, O.

Hibbard Wm. H. Mfg. Co., 79 Washing-  
ton, Brooklyn, N. Y.

Leffler Chas. & Co. (Sheet Metal, Can  
Makers, etc), 59 Clymer, Brooklyn,  
N. Y. *See adv index at end of book*

McWilliams Thomas, 237 Eddy, Provi-  
dence, R. I.

Miner & Peck Mfg. Co., New Haven, Conn.  
**NIAGARA MACHINE & TOOL WKS.**  
(Bench, Poppet, etc), Buffalo, N. Y.  
*See adv index at end of book*

Niles-Bement-Pond Co., 111 B'way, New  
York

Ohl Geo. A. & Co., 157 Oraton, Newark,  
N. J.

**Oliver W. W. Mfg. Co.** (Jewelers, etc.),  
1483 Niagara, Buffalo, N. Y.

Perkins Machine Co., Warren, Mass.

Robinson J. M. Mfg. Co., Cincinnati, O.

**Ryerson Jos. T. & Son**, 2558 W 16th, Chi-  
cago, Ill.

Standard Machinery Co. ("Standard" Auto-  
matic), Providence, R. I.

Swaine Fred. J. Mfg. Co., 7th & O'Fallon,  
St. Louis, Mo.

Toledo Machine & Tool Co., Toledo, O.  
United Engng. & Fdry. Co., 307 5th av,  
Pittsburgh, Pa.

Waterbury Farrel Foundry & Machine Co.,  
Waterbury, Conn.

Williams, White & Co., Moline, Ill.

**11531—Presses (Embossing)**

**AMERICAN CAN CO.** (Machinery Dept.),  
("Rudolph & Krummel," Toggle &  
Four Post Toggle), Monroe bldg, Chi-  
cago, Ill. *See adv index at end of book*

**BECK CHAS. CO.**, 507 Chestnut, Phila.,  
Pa. *See adv index at end of book*

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

**BOOMER & BOSCHERT PRESS CO.**, 379  
W Water, Syracuse, N. Y.

*See adv index at end of book*  
Carver C. R. Co., 20th & Clearfield, Phila.,  
Pa.

Currier Cyrus & Sons, 365 Market, New-  
ark, N. J.

Dewes A. Co. ("Columbia"), 199 Lafayette,  
New York

**ELMES CHAS. F. ENGINEERING**  
**WORKS (INC.)**, cor Fulton & Sanga-  
mon, Chicago, Ill.

*See adv index at end of book*  
Ferracute Machine Co. (Sheet Metal),  
Bridgeton, N. J.

Garrison A. Foundry Co., 901 Bingham,  
Pittsburgh, Pa.

Grammes L. F. & Sons (Gold & Wood),  
Allentown, Pa.

Heartley Machine Variety Iron & Tool  
Works, 900 Summit, Toledo, O.

Hibbard Wm. H. Mfg. Co., 79 Washing-  
ton, Brooklyn, N. Y.

Hickok W. O. Mfg. Co. (For Bookbinders),  
Harrisburg, Pa.

Hinze H. ("Krause"), 116 Nausau, New  
York

Hydraulic Press Mfg. Co., Mount Gilead,  
Ohio

Logemann Bros. Co. (Leather), 3130 Bur-  
leigh, Milwaukee, Wis.

Loy & Nawrath, 25 Runyon, Newark, N. J.

Manville E. J. Machine Co., Waterbury,  
Conn.

Mead A. G. Co. (For Paper), 364 Atlantic  
av, Boston, Mass.

Meriden Press & Drop Co., Meriden, Conn.

**NIAGARA MACHINE & TOOL WKS.**,  
Buffalo, N. Y.

*See adv index at end of book*  
Ohl Geo. A. & Co. (Metal), 157 Oraton,  
Newark, N. J.

Perkins Machine Co., Warren, Mass.

Roovers Bros. (For Metal Name Plates,  
Pattern Letter Plates, Tags, Labels,  
etc), 100 Schermerhorn, Brooklyn,  
N. Y. *See adv index at end of book*

Sheridan T. W. & C. B. Co. (Embossing  
& Graining for Leather, etc), 434  
B'way, New York

Standard Machinery Co., Mystic, Conn.

Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co. (Sheet Metal), 7th  
& O'Fallon, St. Louis, Mo.

Toledo Machine & Tool Co., Toledo, O.

Traud Alex. & Sons (For Leather), 124  
Polk, Newark, N. J.

Waterbury Farrel Foundry & Machine Co.,  
Waterbury, Conn.

**WATSON-STILLMAN CO.**, 38 Church,  
New York *See adv index at end of book*

**11532—Presses (Emery Wheel)**  
**BOOMER & BOSCHERT PRESS CO.**, 379  
W Water, Syracuse, N. Y.

*See adv index at end of book*  
Hydraulic Press Mfg. Co., Mt. Gilead, O.

**11533—Presses (Engravers' Trans-**  
**fer)**  
Chapman W. H. (For Bank Notes, etc),  
229 Mulberry, Newark, N. J.



Currier Cyrus & Sons, 365 Market, Newark, N. J.

### Presses (Excelsior Baling)

See Presses, Baling & Hay

### 11534—\*Presses (Fertilizer)

**BOOMER & BOSCHERT PRESS CO.**, 379

W Water, Syracuse, N. Y.

See adv index at end of book

**KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.

See adv index at end of book

### 11535—Presses (Fibre Board)

**BOOMER & BOSCHERT PRESS CO.**, 379

W Water, Syracuse, N. Y.

See adv index at end of book

Hydraulic Press Mfg. Co., Mt. Gilead, O.

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

### 11536— Presses (Filter)

**ABBE ENGINEERING CO.**, 220 B'way,

New York. See adv index at end of book

Allbright-Neil Co. (For Packing Houses,

5323 Western blvd, Chicago, Ill.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee,

Wis. See adv index at end of book

American Clay Machinery Co. (Clay),

S Walnut, Bucyrus, O.

Bay City Iron Co., Bay City, Mich.

**BEACH-RUSS CO.**, 220 B'way, New York

See adv index at end of book

Berrigan J. J. ("Berrigan"), Orange, N. J.

Blymyer Iron Works Co., Cincinnati, O.

Bonnot Company, Canton, O.

Bushnell G. H. Press Co., Thompsonville,

Conn.

Carbondale Machine Co., Carbondale, Pa.

Colorado Iron Works Co. ("Portland"),

Denver, Colo.

Dibert, Bancroft & Ross Co., Ltd., Tulane

& Hagan av, New Orleans, La.

Dyer Co., Cleveland, O.

Eastwood Benj. Co., Paterson, N. J.

Eckhart Chris., 1237 W 6th, Cincinnati, O.

**ELMES CHAS. F. ENGINEERING**

**WORKS (INC.)**, cor Fulton & Sangam-

on, Chicago, Ill.

See adv index at end of book

Hydraulic Press Mfg. Co. (Lard Refining,

Wash Plate, etc), Mount Gilead, O.

Ivens Wm. H. Sons Co., P. O. Box 647,

Trenton, N. J.

**JOHNSON JOHN CO.** (12", 19", 24",

30", 36", 40", Square Recessed Plates

or Frame Pattern, Side, Center or

Corner Feed, Open or Close Delivery,

Washing or Non-Washing, Hydraulic),

203 37th, Brooklyn, N. Y.

Kelly Filter Press Co. ("Kelly," for Treat-

ment of Mill Slimes, Sugar Precip-

itates, etc), Salt Lake City, Utah

Kiefer Karl Machine Co. (For Laboratory

Use), 919 Martin, Cincinnati, O.

Kilby Mfg. Co., Cleveland, O.

Krajewski-Pesant Corp., 54 Beard, Brook-

lyn, N. Y.

Logemann Bros. Co., 3130 Burleigh, Mil-

waukee, Wis.

Louisville Drying Machine Co., Louisville,

Ky.

Love Bros. (For Glucose), Aurora, Ill.

Merrill Metallurgical Co. (Slime), 121 2d,

San Francisco, Cal.

Moore Filter Co. ("Moore," Slime Process),

43 Exchange pl, New York

Moore Sam'l L. & Sons (Hydraulic), Eliza-

beth, N. J.

Patterson Foundry & Machine Co., East

Liverpool, O.

Payne & Joubert Mch. & Fdry. Co., How-

ard & Euphrosine, New Orleans, La.

Perrin Wm. R. & Co. (Mining Slime Treat-

ment, Beet Sugar, etc), Old Colony

bdg, Chicago, Ill.

Platt Iron Works Co. (For Chemicals, Oils

Sugar, Starch, Varnish, etc), Dayton,

Ohio

Pratt Engineering & Machine Co., Atlan-

ta, Ga.

Pusey & Jones Co., ft Poplar, Wilmington,

Del.

Shriver T. & Co., Harrison, N. J.

Sperry D. R. & Co., Batavia, Ill.

Squier Geo. L. Mfg. Co., Buffalo, N. Y.

Sweetland Filter Press Co. (Self Dumping

Filters), 149 B'way, New York

Traud Alex. & Sons, 124 Polk, Newark,

N. J.

Whitney Iron Works Co., 849 Tchoupitou-

las, New Orleans, La.

Worthington Pump & Machy. Corp. ("Ber-rigan Patents" for Sugar Houses, Mining Plants, etc), 115 B'way, New York

### 11537—Presses (Filter, Laboratory)

Perrin Wm. R. & Co., Old Colony bldg,

Chicago, Ill.

Sperry D. R. & Co., Batavia, Ill.

### 11538—\*Presses (Fish Oil)

**BOOMER & BOSCHERT PRESS CO.**, 379

W Water, Syracuse, N. Y.

See adv index at end of book

### 11539— Presses (Flanging)

**BLISS E. W. CO.**, 19 Adams, Brooklyn,

N. Y. See adv index at end of book

Chambersburg Engineering Co. (Section-

al), Chambersburg, Pa.

**ELMES CHAS. F. ENGINEERING WKS.**,

(INC.), cor Fulton & Sangamon, Chi-

cago, Ill. See adv index at end of book

Ferracute Machine Co., Bridgeton, N. J.

Garrison A. Foundry Co., 901 Bingham,

Pittsburgh, Pa.

Hydraulic Press Mfg. Co. (Hydraulic), Mt.

Gilead, O.

**MORGAN ENGINEERING CO.** ("Morgan"

Hydraulic), Alliance, O.

See adv index at end of book

Neumeyer & Dimond ("Demag"), (Imp),

82 Beaver, New York

Perkins Machine Co. (For Heavy Flang-

ing), Warren, Mass.

Ryerson Jos. T. & Son, 2558 W. 16th, Chi-

cago, Ill.

V. & O. Press Co. ("V. & O."), Dry Har-

bor rd, Glendale Station, N. Y.

Wickes Bros., Saginaw, Mich.

See adv index at end of book

Wood Wm. H. (Sectional), Media, Pa.

### 11540—Presses (Folding & Seam-

ing)

Slayman & Co. ("Slayman" Duplex, for

Can Makers), cor Pratt & President,

Baltimore, Md.

### 11541— Presses (Foot)

**AMERICAN CAN CO.** (Machinery Dept.),

(Pendulum Floor or Bench), Monroe

bdg, Chicago, Ill.

See adv index at end of book

Atlas Machine Co., Waterbury, Conn.

Ayars Machine Co. (For Can Making, etc),

Salem, N. J.

Baird Machine Co., Bridgeport, Conn.

Blake & Johnson Co., 1500 Thomaston av,

Waterbury, Conn.

**BLISS E. W. CO.**, 19 Adams, Brooklyn,

N. Y. See adv index at end of book

Chapman W. H. (Jewelers), 229 Mulberry,

Newark, N. J.

Cook H. C. Co., 100-120 Jewett, Ansonia,

Conn.

Cook Thos. W. G., 83 Walker, New York

Dewes A. Co., 199 Lafayette, New York

Draher John, Waterbury, Conn.

Ferracute Machine Co., Bridgeton, N. J.

Grammes L. F. & Sons, Allentown, Pa.

Heartley Machine, Variety Iron & Tool

Works, 900 Summit, Toledo, O.

Hibbard Wm. H. Mfg. Co., 79 Washington,

Brooklyn, N. Y.

Leffler Chas. & Co. (Toggle Lever, Sheet

Metal, etc), 59 Clymer, Brooklyn, N. Y.

See adv index at end of book

Loyd John Co., 558 Water, New York

Manville E. J. Machine Co. (Single), Water-

bury, Conn.

Meriden Press & Drop Co. ("Merrimac"),

Meriden, Conn.

Michigan Press Co., Ypsilanti, Mich.

**NIAGARA MACHINE & TOOL WKS.**,

Buffalo, N. Y.

See adv index at end of book

Olsen Tinius Testing Machine Co., 500 N

12th, Phila., Pa.

Partridge Edw. O., 2047 Lake, Chicago, Ill.

Perkins Machine Co., Warren, Mass.

**QUADRIGA MFG. & SPECIALTY CO.**, 213

W Grand av, Chicago, Ill.

See adv index at end of book

Rockford Iron Works (Inclinable), Rock-

ford, Ill.

Rowbottom Machine Co. ("Rowbottom")

Waterville, Conn.

Royersford Foundry & Machine Co., Roy-

ersford, Pa.

Ryerson Jos. T. & Son, 2558 W. 16th, Chi-

cago, Ill.

Seattle-Astoria Iron Works (Die Presses, for Salmon Canneries, etc), Seattle, Wash.

**SHUSTER F. B. CO.** (Toggle, Double &

Pendulum Lever), Cedar Hills, New

Haven, Conn. See adv index at end of book

Slaysman & Co. (Can Makers', etc), cor

Pratt & President, Baltimore, Md.

Standard Machinery Co., Providence, R. I.

Stoll D. H. Co., Buffalo, N. Y.

Swaine F. J. Mfg. Co., 7th & O'Fallon, St.

Louis, Mo.

Taylor & Fenn Co. (Spring), Hartford,

Conn.

Toledo Machine & Tool Co., Toledo, O.

V. & O. Press Co. ("V. & O."), Dry Har-

bor rd, Glendale Station, N. Y.

Waterbury Farrel Foundry & Machine Co.,

Waterbury, Conn.

Zeh & Hahnemann Co., Vanderpool, New-

ark, N. J.

### 11542—Presses for Lining Service

Pipe with Cement

Union Water Meter Co., Worcester, Mass.

### 11543—\*Presses (Forcing)

**ELMES CHAS. F. ENGINEERING WKS.**,

(INC.), cor Fulton & Sangamon, Chi-

cago, Ill. See adv index at end of book

Lucas Machine Tool Co. ("Lucas"), 524

E 99th, Cleveland, O.

Treadwell Engineering Co., Easton, Pa.

See adv index at end of book

**WATSON-STILLMAN CO.**, 38 Church, New

York See adv index at end of book

Weaver Mfg. Co. ("Weaver"), Springfield,

Ill.

### Presses (Forging)

See Presses, Drop; Presses, Hydraulic;

Presses, Power; Hammers, Drop; For-

ging Machines

### 11544-5—Presses (Forging, Steam-

Hydraulic)

Mesta Machine Co. ("Haniel & Lueg"

Quick-Acting), Pittsburgh, Pa.

See adv index at end of book

Morgan Engineering Co., Alliance, O.

See adv index at end of book

United Engineering & Foundry Co. ("Davy

Bros." High Speed), 307 5th av, Pitts-

burgh, Pa.

### 11546—\*Presses (Friction, Dial

Feed)

**BLISS E. W. CO.**, 19 Adams, Brooklyn,

N. Y. See adv index at end of book

### 11547— Presses (Fruit)

See also Presses, Wine & Cider

**BOOMER & BOSCHERT PRESS CO.**, 379

W Water, Syracuse, N. Y.

See adv index at end of book

Brohard Co., 3d & Lehigh av, Phila., Pa.

Enterprise Mfg. Co. of Pa., 3rd & Dauphin,

Phila., Pa.

Fanner Mfg. Co. ("Arctic," Hand), Cleve-

land, O.

Griswold Mfg. Co., Erie, Pa.

Independent Register & Mfg. Co., Cleve-

land, O.

Landers, Frary & Clark ("Universal"),

New Britain, Conn.

Silver & Co. ("Henis"), 304 Hewes, Brook-



## 11549— \*Presses (Garbage)

**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.  
*See adv index at end of book*  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**KUTZTOWN FOUNDRY & MACHINE CO.**, 1421 Chestnut, Phila., Pa.  
*See adv index at end of book*

## 11550— Presses (Gilding)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

## 11551— Presses (Glass)

Miller Machine & Mould Works (Automatic), Columbus, O.  
**Sommerfeld Machine & Mfg. Co.**, 216 2nd av, Pittsburgh, Pa.  
**Yockel Chas. & Sons**, 1220 N Lawrence, Phila., Pa.

## 11552— Presses (Glue)

Advance Machinery Co., Toledo, O.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*

## 11553—\*Presses (Gun Powder)

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

## 11554— Presses (Ham)

Wolf, Sayer & Heller ("Victor"), Fulton & Peoria, Chicago, Ill.

## 11555— Presses (Hand)

**ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book*  
**Ferracute Machine Co.** (For Sheet Metal), Bridgeton, N. J.  
**Logemann Bros. Co.** (Baling for Rags, Waste Paper, etc), 3130 Burleigh, Milwaukee, Wis.  
**Perkins Machine Co.**, Warren, Mass.  
**V. & O. Press Co.** ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.  
**Whitman Agricultural Co.**, 7000 S B'way, St. Louis, Mo.  
**Woodall Mfg. Co.** ("Money Saver" Waste Paper, Rags & Hay), 500 Taylor, Davenport, Ia.

## 11556—Presses (Hand, for Rubber Mfrs.)

**BOOMER & BOSCHERT PRESS CO.** (Also Power), 379 W Water, Syracuse, N. Y. *See adv index at end of book*  
**ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book*  
**Williams Foundry & Machine Co.**, of Ohio, Akron, O.

## 11557—Presses (Hand Screw)

Disston Hy. & Sons (For Punching, Slotting, Shearing, etc), Tacony, Phila., Pa.

## 11558—Presses (Harness &amp; Saddlers')

Osborne C. S. & Co., Harrison, N. J.

## Presses (Hay)

*See Presses, Baling & Hay*

## 11559— Presses (Hogshead)

**Cardwell Machine Co.** (Power-Screw), 1900 E Carey, Richmond, Va.  
**Rochester Barrel Machine Works**, Rochester, N. Y.

## 11560— \*Presses (Hop)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*

## 11561— Presses (Horizontal)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**Ferracute Machine Co.**, Bridgeton, N. J.  
**Perkins Machine Co.**, Warren, Mass.  
**Standard Machinery Co.**, Providence, R. I.  
**Toledo Machine & Tool Co.**, Toledo, O.  
**Waterbury Farrel Foundry & Machine Co.**, Waterbury, Conn.

## 11562— Presses (Horn)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**Ferracute Machine Co.**, Bridgeton, N. J.

## 11563—Presses (Horning &amp; Wiring)

**AMERICAN CAN CO.** (Machinery Dept.), (For Can Makers', etc), Monroe bldg, Chicago, Ill.  
*See adv index at end of book*  
**Ams Max Machine Co.** ("Ams"), Bridgeport, Conn.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**Cleveland Machine & Mfg. Co.**, Cleveland, O.  
**Ferracute Machine Co.**, Bridgeton, N. J.  
**Heartley Machine, Variety Iron & Tool Works**, 900 Summit, Toledo, O.  
**Leffler Chas. & Co.**, 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*  
**McCall Machine Works** ("Baxendale" Cutting, Horning & Wiring), Rochester, N. Y.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y.  
*See adv index at end of book*  
**Perkins Machine Co.**, Warren, Mass.  
**Slaysman & Co.** (For Can Makers'), cor Pratt & President, Baltimore, Md.

**Standard Machinery Co.**, Providence, R. I.  
**Stecher Chas. Co.**, 1580 Crossing, Chicago, Ill.  
**Stoll D. H. Co.**, Buffalo, N. Y.  
**Swaine F. J. Mfg. Co.**, 7th & O'Fallon, St. Louis, Mo.  
**Toledo Machine & Tool Co.**, Toledo, O.  
**Wold, Torris & Co.**, 240 N. Ashland av, Chicago, Ill.  
**Zeh & Hahnemann Co.**, Vanderpool, Newark, N. J.

## 11564— Presses (Hot Plate)

**Hydraulic Press Mfg. Co.** (For Hot Pressing & Rubber Vulcanizing), Mt. Gilead, Ohio

## 11565— Presses (Hydraulic)

**Adamson Machine Co.** (For Rubber Mfrs), Akron, O.  
**Alliance Machine Co.**, Alliance, O.  
**American By-Product Machy. Co.**, 90 West, New York  
**Bethlehem Steel Co.** (Of All Descriptions), South Bethlehem, Pa.  
**Birdsboro Steel Foundry & Machine Co.** (To Specifications), Birdsboro, Pa.  
**Birmingham Iron Foundry**, Derby, Conn.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**Buckeye Iron & Brass Works** (For Cottonseed & Linseed Oil, etc.), Dayton, O.  
**Bushnell G. H. Press Co.**, Thompsonville, Conn.  
**Caldwell E. R. & Co.**, Bradford, Pa.  
**Callahan W. P. Co.**, Dayton, O.  
**Carbondale Machine Co.**, Carbondale, Pa.  
**Cardwell Machine Co.**, 1900 E Cary, Richmond, Va.  
**Cavagnaro Jno. J.**, Harrison, N. J.  
**Chambersburg Eng. Co.**, Chambersburg, Pa.  
**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.  
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**Currier Cyrus & Sons**, 365 Market, Newark, N. J.  
**Davis-Johnson Mfg. Co.**, 4518 Lexington, Chicago, Ill.  
**Defiance Machine Works** (Hub, Flange & Wheel), Defiance, O.  
**Dennis John Machine Co.** (For Hot Pressing), Lowell, Mass.  
**Dudgeon Richard**, 24 Columbia, New York  
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**Famous Mfg. Co.**, East Chicago, Ind.  
**French Oil Mill Machinery Co.**, Piqua, O.  
**Galland-Henning Mfg. Co.**, Railway Exch. bldg, Milwaukee, Wis.  
**Grote F. Mfg. Co.** (For Tobacco), Evansville, Ind.  
**Herr Automatic Press Co.**, Ambler, Pa.  
**Holyoke Machine Co.**, Holyoke, Mass.  
**Howard Iron Works** (For Leather & Book Binders), Buffalo, N. Y.  
**Hydraulic Engineering Works**, 708 Fulton, Chicago, Ill.  
**Hydraulic Press Mfg. Co.**, Mount Gilead, O.  
**Illinois Iron & Bolt Co.** (For Wagon or Carriage Mfrs.), Carpentersville, Ill.

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 Presses, Baling for Wool and Paper  
 Presses, Belting (Leather)  
 Presses, Briquette  
 Presses, Broaching  
 Presses, Crank Pin  
 Presses, Die Sinking  
 Presses, Drawing  
 Presses, Embossing  
 Presses, Fertilizing  
 Presses, Filter  
 Presses, Flanging

Presses, Forcing  
 Presses, (Forging)  
 Presses, Forming  
 Presses, Grease  
 Presses, Hand Screw  
 Presses, Hot and Cold  
 Presses, Hydro Pneumatic  
 Presses, Insulation Material  
 Presses, Laboratory  
 Presses, Lead  
 Presses, Linseed  
 Presses, Macaroni and Paste  
 Goods Machinery  
 Presses, Metal Drawing  
 Presses, Mica  
 Presses, Portable  
 Presses, Pulling  
 Presses, Screw  
 Presses, Silver Refiners

Presses, Solder  
 Presses, Starch  
 Presses, Steel Forming  
 Presses, Straightening  
 Presses, Tile  
 Presses, Trap  
 Presses, Trunk  
 Presses, Veneer  
 Presses, Vulcanizing  
 Presses, Wheel  
 Pumps, Hydraulic, Belt, Chain, Motor or Steam Driven  
 Pumps, Milk  
 Pump Repairs  
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 Kane & Roach, Syracuse, N. Y.  
 Kilby Mfg. Co., Cleveland, O.  
 Knott L. E. Apparatus Co. (For Demonstration), 79 Amherst, Cambridge, Mass.  
 Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.  
 Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.  
 Lourie Mfg. Co., Springfield, Ill.  
 McCall Machine Works, Rochester, N. Y.  
 McLauthir Geo. T. Co., 120 Fulton, Boston, Mass.  
 Mackintosh, Hemphill & Co. (Heavy), Pittsburgh, Pa.  
 Mesta Machine Co. (Piercing), Oliver bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Metalwood Mfg. Co. (Shell Banding), Detroit, Mich.  
 Monarch Mfg. Co. ("Monarch" for Transmission Grease), Council Bluffs, Ia.  
**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
 Neumeyer & Dimond ("Demag" for Rolling Mills, etc., Imp.), 82 Beaver, New York  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Perrin Wm. R. & Co. (For Abattoirs), Old Colony bldg, Chicago, Ill.  
 Phila. Drying Machine Co., 6721 Germantown av, Phila., Pa.  
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 Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.  
 Robertson John & Co. (For Making Lead Pipe, Block Tin Pipe, Solder Wire, Trap & Bends, Lead Incasing Electric Conductors, Silversmiths & Jewelers' Use, Automobile Metal, Body Presses, Phonograph Record Presses, etc), 133 Water, Brooklyn, N. Y.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Southwark Foundry & Machine Co., 4th & Washington av, Phila., Pa.  
 Spence & Rideout, Nashua, N. H.  
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 Thropp Wm. R. & Sons Co. (Rubber Mfrs. Presses a Specialty), Trenton, N. J.  
**THROPP'S JOHN E. SONS CO.**, ft Lewis, Trenton, N. J.  
*See adv index at end of book*  
 Treadwell Engineering Co., Easton, Pa.  
*See adv index at end of book*

Turner, Vaughn & Taylor Co. (For Rubber Mfrs.), Cuyahoga Falls, O.  
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.  
 Vulcan Iron Works (Portable, for Pressing on & off Cranks, Crank Pins, Car Wheels, etc), 327 N Irving av, Chicago, Ill.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
 Watson Machine Co. (For Silk, Cotton & Rubber), Paterson, N. J.  
**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*  
 Westbrook Elevator Co., Danville, Va.  
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 Williams, White & Co. (For Gun, Carriages & Other Work), Moline, Ill.  
 Wood R. D. & Co. (Shell Piercing & Drawing), 400 Chestnut, Phila., Pa.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

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*See also Flanging Machines*  
 Alliance Machine Co., Alliance, O.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
 Chambersburg Engineering Co., Chambersburg, Pa.  
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**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

### 11570—Presses (Hydraulic Forcing)

*See also Presses, Forcing*  
 Chambersburg Engineering Co. (For Bushings, etc), Chambersburg, Pa.  
 Treadwell Engineering Co., Easton, Pa.  
*See adv index at end of book*

### 11571—Presses (Hydraulic Forging)

*See also Forging Machines*  
 Alliance Machine Co., Alliance, O.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
 Chambersburg Engineering Co., Chambersburg, Pa.

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 Hydraulic Press Mfg. Co., Mt. Gilead, O.  
 Mesta Machine Co., Pittsburg, Pa.  
*See adv index at end of book*

**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 Niles-Bement-Pond Co., 111 B'way, New York

Tod Wm. Co., Youngstown, O.  
 United Engineering & Foundry Co. ("Davy Bros" Patent High-Speed Steam-Hydraulic for Forging, Shearing & Pressing), 307 5th av, Pittsburgh, Pa.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

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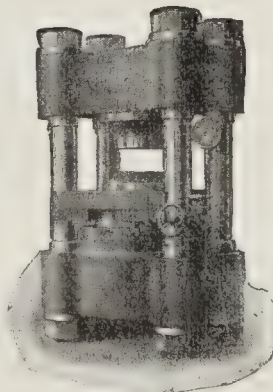
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Lobdell Car Wheel Co., G nr Christina, Wilmington, Del.

Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.

McCall Machine Works, Rochester, N. Y.

Niles-Bement-Pond Co., 111 B'way, New York

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

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Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Meriden Press &amp; Drop Co., ("Merriman"), Meriden, Conn.

Michigan Press Co., Ypsilanti, Mich.

**NIAGARA MACHINE & TOOL WORKS (Power)**, Buffalo, N. Y.

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Rockford Iron Works ("Rockford"), Rockford, Ill.

Standard Machinery Co., Providence, R. I.

Swaine F. J. Mfg. Co., 7th &amp; O'Fallon, St. Louis, Mo.

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Toledo Machine &amp; Tool Co., Toledo, O.

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Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

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Shriver O. P. &amp; Co., Cincinnati, O.

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Streeter N. R. &amp; Co. ("Sensible"), Rochester, N. Y.

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Grammes L. F. &amp; Sons, Allentown, Pa.

Leffler Chas. &amp; Co. ("Ontable," Toggle Lever Foot), 59 Clymer, Brooklyn, N. Y. See adv index at end of book

**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.

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Perrin Wm. R. &amp; Co., Old Colony bldg, Chicago, Ill.

Philadelphia Drying Machinery Co. ("Hurricane"), 6721 Germantown av, Phila., Pa.

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Trenton Machine Specialty Co., Trenton, N. J.

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Platt Iron Works Co., Dayton, O.

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**Presses (Molding)**

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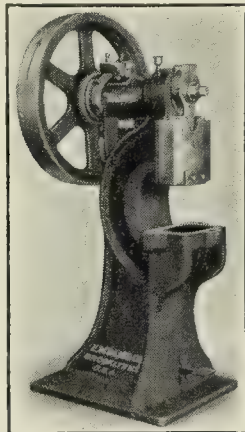
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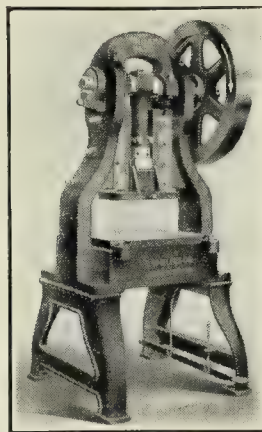
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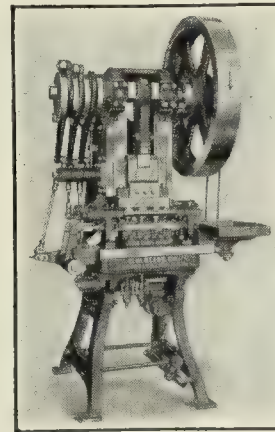
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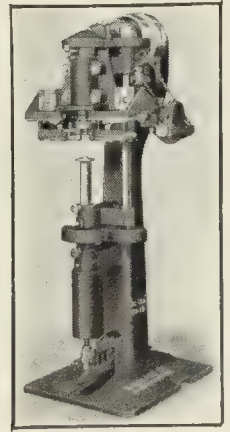
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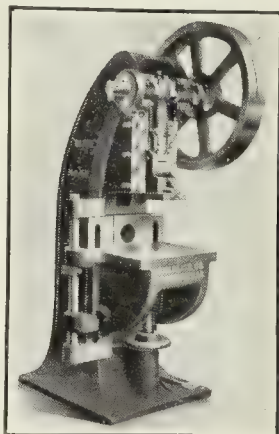
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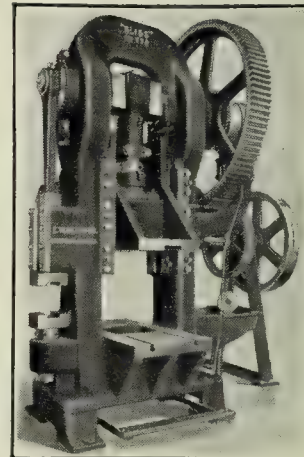


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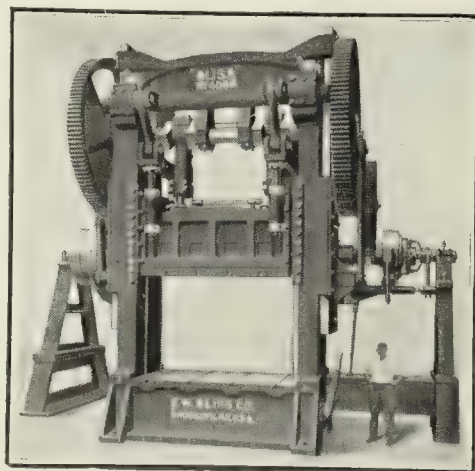
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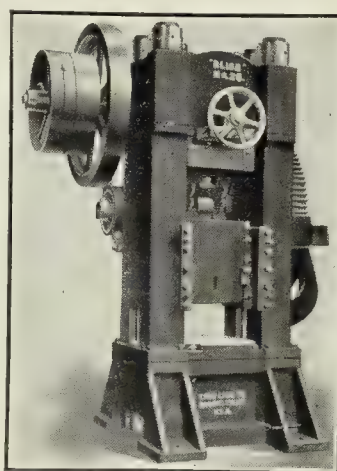


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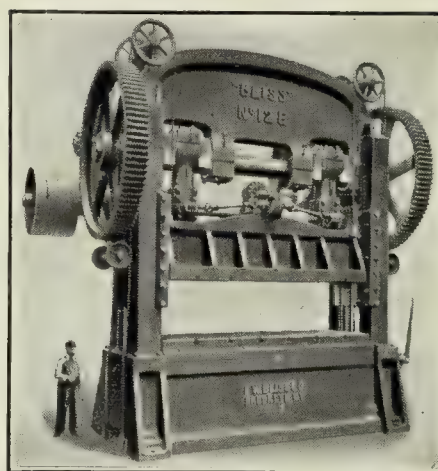
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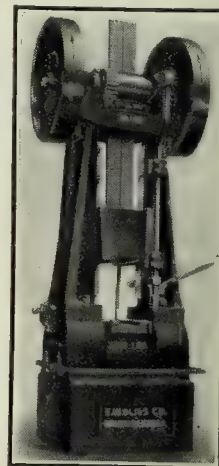
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adapted for heavy drawing and forming of  
large articles, such as automobile radiators,  
mud guards, trays, stove tops, seamless  
roasters, and a similar class of work.  
Weights, 15,000 to 325,000 lbs.



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EMBOSSING PRESSES**—  
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styles, weighing from 2,700 to  
110,000 lbs., and capable of  
exerting pressures ranging from  
30 to 1,500 tons.



**"BLISS" AND "STILES"  
STRAIGHT-SIDE DOUBLE-  
CRANK PRESSES**—Built in over  
150 different types and sizes, weighing  
from 2,500 to 260,000 lbs. For heavy  
blanking, stamping and punching of  
large dimensions.



**"STILES" AU-  
TOMATIC DROP  
HAMMERS**—Built  
in 15 sizes. Adapt-  
ed for forging or  
stamping. Ham-  
mers weigh from  
100 to 3,000 lbs.

**E. W. BLISS CO., 19 Adams St., Brooklyn, N. Y., U. S. A.**

*See other side for branch and foreign offices*



Grammes L. F. & Sons, Allentown, Pa.  
Meisel Press Mfg. Co., 942 Dorchester av,  
Boston, Mass.

### 11601—Presses (Peanut Oil)

**ANDERSON V. D. CO.** ("Anderson"), W  
96th, Cleveland, O.  
*See adv index at end of book*  
Buckeye Iron & Brass Works, Dayton, O.  
Hydraulic Press Mfg. Co. (Hydraulic), Mt.  
Gilead, O.

### 11602—Presses (Perforating)

Ams Max Machine Co. ("Ams"), Bridge-  
port, Conn.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*  
Ferracute Machine Co., East Bridgeton,  
N. J.  
Meriden Press & Drop Co. ("Merriman"),  
Meriden, Conn.  
**NIAGARA MACHINE & TOOL WKS.**,  
Buffalo, N. Y.  
*See adv index at end of book*  
Slaysman & Co., cor Pratt & President,  
Baltimore, Md.

### 11603—\*Presses (Pickeye Forging)

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

### 11604—Presses (Pipe Straightening)

United Engineering & Foundry Co. (For  
6 to 12 inch Pipe), 307 5th av, Pitts-  
burgh, Pa.

### 11605—Presses (Platen)

**BOOMER & BOSCHERT PRESS CO.**, 379  
W Water, Syracuse, N. Y.  
*See adv index at end of book*  
Grammes L. F. & Sons, Allentown, Pa.  
Lobdell Car Wheel Co., G nr Christiana,  
Wilmington, Del.  
McCall Machine Works, Rochester, N. Y.

### 11605a—\*Presses (Playing Card)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 11606—Presses (Potato)

Silver & Co. ("Silver"), 308 Hewes, Brook-  
lyn, N. Y.

### 11607—Presses (Pottery Printing)

Logan Edw. Mach. Co. (Hand), Trenton,  
N. J.

### 11608—Presses (Power)

Adriance Machine Works (Sheet Metal,  
etc), 254 Van Brunt, Brooklyn, N. Y.  
Alliance Machine Co. (Armature, For-  
ging, Punching, etc), Alliance, O.  
**AMERICAN CAN CO.** (Machinery Dept.)  
("Rudolphi & Krummel") Patterns for  
Can Makers, etc), Monroe bldg, Chi-  
cago, Ill. *See adv index at end of book*  
Ams Max Machine Co. ("Ams," for Can  
Makers), Bridgeport, Conn.  
Anderson Machine & Foundry Co., Ander-  
son, S. C.  
**ANDERSON V. D. CO.** ("Anderson"), W  
96th, Cleveland, O.  
*See adv index at end of book*  
Atlas Machine Co., Waterbury, Conn.  
Atlas Mfg. Co., Fostoria, O.  
Automatic Machine Co., Bridgeport, Conn.  
Ayars Machine Co. (For Can Making, etc),  
Salem, N. J.  
Baird Machine Co., Bridgeport, Conn.  
Bauroth E. F., Toledo, O.  
Bender Ph. J. & Sons, 87 Frankfort, New  
York  
Bertsch & Co. (Geared Punch, etc), Cam-  
bridge City, Ind.  
Bethlehem Steel Co., South Bethlehem,  
Pa.  
Birch & Birch (Blanking for Sheet Metal),  
Crawfordsville, Ind.  
Blake & Johnson Co., 1500 Thomaston av,  
Waterbury, Conn.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*  
Brown F. S. & G. L. Machine Co., 26 E.  
Fort av, Baltimore, Md.  
Bushnell G. H. Press Co., Thompsonville,  
Conn.  
Cadw Machine Co., Cleveland, O.  
Cleveland Machine & Mfg. Co., Cleveland,  
Ohio

Cleveland Punch & Shear Works Co., 3921  
St. Clair, N E, Cleveland, O.  
Cleveland Stamping & Tool Co., Cleveland,  
Ohio  
Consolidated Press Co., Hastings, Mich.  
Cook H. C. Co. (Light Weight), 100-120  
Jewett, Ansonia, Conn.  
Cook Thos. W. G., 83 Walker, New York  
Coulter & McKenzie Machine Co., Bridge-  
port, Conn.  
Curtis & Marble Machine Co., Worcester,  
Mass.  
Draher John, Waterbury, Conn.  
Excelsior Tool & Machine Co., 32d & Ridge,  
E St. Louis, Ill.  
Falstrom & Tornquist Co. (For Corrugat-  
ing Sheet Metal), Passaic, N. J.  
Ferracute Machine Co., Bridgeton, N. J.  
Frankford Foundry & Machine Works  
(Forgings & Punching), Widener bldg,  
Phila., Pa.  
Garrison A. Foundry Co. (For Rolling  
Mills, etc), 901 Bingham, Pittsburgh,  
Pa.  
Griswold Geo. M. Machine Co., New Haven,  
Conn.  
Grote F. Co. (For Tobacco), Evansville,  
Ind.  
Heartley Machine, Variety Iron & Tool  
Works, 900 Summit, Toledo, O.  
Hibbard Wm. H. Mfg. Co., 79 Washington,  
Brooklyn, N. Y.  
Humphrey Machine Co. (Also Hand),  
Keene, N. H.  
Hydraulic Press Mfg. Co., Mount Gilead, O.  
Kane & Roach, Syracuse, N. Y.  
Kling Bros., Engineering Works, 1304  
Kingsbury, Chicago, Ill.  
Leffler Chas. & Co. (Sheet Metal Cans,  
Tinware, etc, in Ten Sizes), 59 Clymer,  
Brooklyn, N. Y.  
*See adv index at end of book*  
Lippert & Rhenstrom, Kenosha, Wis.  
Logemann Bros. Co. (Cutting), 3130 Bur-  
leigh, Milwaukee, Wis.  
Loshbough & Jordan Tool & Machine Co.,  
Elkhart, Ind.  
Lourie Mfg. Co. (Any Purpose), Spring-  
field, Ill.  
Loyd John Co., 558 Water, New York  
Lucas Machine Tool Co. ("Lucas" Power  
Forcing), 524 E 99th, Cleveland, O.  
McCall Machine Works ("Baxendale" Cut-  
ting, Stamping, etc), Rochester, N. Y.  
McDonald Machine Co., 3207 Shields av,  
Chicago, Ill.  
**McSherry Mfg. Co.** (Punching), Pittsburgh,  
Pa.  
Manville E. J. Machine Co. (Single &  
Double Acting), Waterbury, Conn.  
Massillon Foundry & Machine Co., Mas-  
sillon, O.  
Meriden Press & Drop Co. ("Merriman"  
Punching), Meriden, Conn.  
Michigan Press Co., Ypsilanti, Mich.  
Mitchell Jno. R. Co., 702 S Washington,  
Baltimore, Md.  
**MORGAN ENGINEERING CO.**, Alliance, O.  
*See adv index at end of book*  
National Roll & Foundry Co., Avonmore,  
Pa.  
Neumeyer & Dimond ("Demag" for Roll-  
ing Mills, etc), (Imp), 82 Beaver, New  
York  
New Doty Mfg. Co., Janesville, Wis.  
**NIAGARA MACHINE & TOOL WKS.**,  
Buffalo, N. Y. *See adv index at end of book*  
Niles-Bement-Pond Co., 111 B'way, New  
York  
Nilson A. H. Machine Co. ("Special"),  
Bridgeport, Conn.  
Ohl Geo. A. & Co. (For Sheet Metal Work-  
ers), 157 Oraton, Newark, N. J.  
Olsen Tinius Testing Machine Co., 500 N  
12th, Phila., Pa.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Perkins Machine Co. (Punching, Forging,  
Dial, etc), Warren, Mass.  
Perrin Wm. R. & Co., Old Colony bldg,  
Chicago, Ill.  
Richard Mfg. Co., Bloomsburg, Pa.  
Robinson J. M. Mfg. Co., Cincinnati, O.  
Rockford Iron Works ("Rockford," High  
Duty), Rockford, Ill.  
Rowbottom Machine Co. ("Rowbottom  
Yankee" Bench), Waterville, Conn.  
Ryerson Jos. T. & Son, 2558 W 16th, Chi-  
cago, Ill.  
Seattle-Astoria Iron Works (Die Presses  
for Salmon Canneries, etc), Seattle,  
Wash.  
Sheridan T. W. & C. B. Co. (Cutting), 434  
B'way, New York  
Slaysman & Co. (Can Makers, etc), cor  
Pratt & President, Baltimore, Md.  
Springfield Machine Tool Co., Springfield,  
Ohio

Standard Machinery Co. (Single & Double  
Acting), Providence, R. I.  
Stoll D. H. Co. (For Sheet Metal, etc),  
Buffalo, N. Y.  
Strong, Carlisle & Hammond Co., 336-344  
Frankfort av, N. W., Cleveland, O.  
Swaine Fred J. Mfg. Co. (Punching), 7th  
& O'Fallon, St. Louis, Mo.  
Toledo Machine & Tool Co. (Double  
Geared), Toledo, O.  
Torrington Mfg. Co. (Single or Double Ac-  
tion Cam or Crank), Torrington, Conn.  
United Engineering & Foundry Co., 307 5th  
av, Pittsburgh, Pa.  
V. & O. Press Co., Dry Harbor rd, Glendale  
Sta., N. Y.  
Verdin, Kappes & Verdin Co. (Punching),  
Cincinnati, O.  
Walsh Press & Die Co. (Double Crank  
Dies & Inclinable Open Back), 4709  
W Kinzie, Chicago, Ill.  
Waterbury Farrel Foundry & Machine  
Co., Waterbury, Conn.  
Wells Frank L. Co. (Multiple Power Punch-  
ing), Kenosha, Wis.  
Wilcox Mfg. Co. (Horn Punch), 4824 W  
Lake, Chicago, Ill.  
Willard Machine & Tool Co., Covington,  
Ky.  
Zeh & Hahnemann Co. (Inclinable, Straight  
sided, etc), Vanderpool, Newark, N. J.

### 11609—Presses (Power Forcing)

*See also Presses, Forcing*  
**Lucas Machine Tool Co.** ("Lucas"), 524 E  
99th, Cleveland, O.

### 11610—Presses (Prescription)

Merrill Metallurgical Co. ("Merrill" Hy-  
draulic), 121 2d, San Francisco, Cal.

### 11611—Presses (Printers' Proof)

Chandler & Price Co. (Galley), Cleveland, O.  
Damon Geo. & Sons, 44 Beekman, New  
York  
Potter Printing Press Co. ("Potter,"  
"Poco"), Plainfield, N. J.  
Zeh & Hahnemann Co. (Inclinable,  
Straight Sided, etc.), Vanderpool &  
Avenue A, Newark, N. J.

### Presses (Printing)

*See Printing Presses & Machinery*

### 11612—Presses (Printing & Em- bossing)

Grammes L. F. & Sons, Allentown, Pa.  
National Machine Co. ("Hartford," Cut-  
ting & Creasing & "Hartford" Em-  
bossing), Hartford, Conn.

### 11613—\*Presses (Projectile or Shell Banding, Hydraulic)

Mesta Machine Co. (Shell Banding), Oliver  
bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
**WEST TIRE SETTER CO.**, Rochester, N. Y.

### Presses (Punching)

*See Presses, Power*

### 11614—Presses (Punching, Hand Power)

Braun J. G., 609 S Paulina, Chicago, Ill.  
Oswego Tool Co., Oswego, N. Y.

### 11615—Presses (Rail Straightening)

Alliance Machine Co., Alliance, O.  
**HILLES & JONES CO.**, East Wilmington,  
Del. *See adv index at end of book*  
Mackintosh, Hemphill & Co., Pittsburgh,  
Pa.  
Neumeyer & Dimond ("Demag" Imp.), 82  
Beaver, New York  
United Engineering & Foundry Co., 307 5th  
av, Pittsburgh, Pa.

### 11616—Presses (Reducing)

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*  
Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham,  
Pittsburgh, Pa.  
Leffler Chas. & Co., 59 Clymer, Brooklyn,  
N. Y. *See adv index at end of book*  
Perkins Machine Co., Warren, Mass.



Standard Machinery Co., Providence, R. I.  
Stoll D. H. Co., Buffalo, N. Y.  
V. & O. Press Co. ("V. & O."), Dry Harbor rd, Glendale Station, N. Y.  
Zeh & Hahnemann Co., Vanderpool & av A, Newark, N. J.

**11617— Presses (Riveting)**

Alliance Machine Co., Alliance, O.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Ferracute Machine Co., Bridgeton, N. J.  
Hanna Engineering Works, 2059 Elston av, Chicago, Ill.  
Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y. *See adv index at end of book*  
Perkins Machine Co., Warren, Mass.  
Toledo Machine & Tool Co., Toledo, O.  
Williams, White & Co. (Horizontal), Moline, Ill.

**11618— Presses (Roll Feed)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**11619— Presses (Rotary)**

Kidder Press Co. (All Kinds), Dover, N. H.  
Pittsburgh Machine Tool Co. ("Curtis"), Corey, Pittsburgh, Pa.

**11620— Presses (Rubber)**

Blymyer Iron Works Co. (For Pressing Crude Rubber Boles), Cincinnati, O.  
Turner, Vaughn & Taylor Co. (Solid Tin Rim Presses—150 Tons), Cuyahoga Falls, O.

**11621—Presses (Salt Compressing)**

Cardwell Machine Co., 1900 E Cary, Richmond, Va.

**11622—Presses (Scrap Metal)**

*See also Presses, Baling, Metal Scrap*  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y. *See adv index at end of book*  
Famous Mfg. Co. (Pressed into Cubes), East Chicago, Ind.  
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
Woodall Mfg. Co. ("Money Saver"), 500 Taylor, Davenport, Ia.

**11623— Presses (Screw)**

**AMERICAN CAN CO. (Machinery Dept.)** ("Rudolphi & Krummel" Hand & Power), Monroe bldg, Chicago, Ill. *See adv index at end of book*  
American Process Co. (Automatic, Continuous), 68 William, New York  
Atlas Machine Co., Waterbury, Conn.  
Barnes W. F. & John Co. ("Barnes" Adjustable for Machine Shops), Rockford, Ill.  
Bates Elevator Co., 211 President, Baltimore, Md.  
Bender Ph. J. & Sons, 87 Frankfort, New York  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**BOOMER & BOSCHERT PRESS CO.** (Power), 379 W Water, Syracuse, N. Y. *See adv index at end of book*  
Burroughs Chas. Co., 141 Commerce, Newark, N. J.  
Bushnell G. H. Press Co., Thompsonville, Conn.  
Cardwell Machine Co., 1900 E Cary, Richmond, Va.  
Consolidated Press Co., Hastings, Mich.  
Cook Thos. W. G., 83 Walker, New York  
Crompton & Knowles Loom Works, Worcester, Mass.  
Dennis John Machine Co. (For Hot Pressing), Lowell, Mass.

**ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

Ferracute Machine Co., Bridgeton, N. J.  
Garrison A Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.  
Jackson & Church Co., Saginaw, Mich.  
Lovewell-Henricl Co., Chelsea, Mass.  
Lloyd Jno. Co., 558 Water, New York  
Manhattan Machine & Tool Works (For Testing Dies), Grand Rapids, Mich.  
New Doty Mfg. Co., Janesville, Wis.  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y. *See adv index at end of book*

Perkins Machine (Hand & Power), Warren, Mass.

Perrin Wm. B. & Co. (For Abattoir), Old Colony bldg, Chicago, Ill.  
Philadelphia Drying Machinery Co. ("Hurricane" Power), 6721 Germantown av, Phila., Pa.

Pruyn David H. Co. ("D-P." high duty), Hyde Park, Mass.  
Renneburg E. & Sons Co. (Continuous), 2639 Boston, Baltimore, Md.  
Robinson J. M. Mfg. Co., Cincinnati, O.  
**Smith, Drum & Co. (Power)**, Allegheny av & 4th, Phila., Pa.

Spence & Rideout, Nashua, N. H.  
Standard Machinery Co., Providence, R. I.  
Stecher Chas. Co. (Arch Screw for Testing Out All Kinds of Cutting, Stamping, Embossing & Forming Dies), 1580 Crossing, Chicago, Ill.

Stoll D. H. Co., Buffalo, N. Y.  
Swaine F. J. Mfg. Co. (Arch, etc.), 7th & O'Fallon, St. Louis, Mo.  
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*

**11624— Presses (Seal)**

American Stamp Mfg. Co., 85 John, New York  
Ashbery Henry C., 285 Washington, Buffalo, N. Y.  
Gibson A. C. Co. (Car, Corporation, Notary, etc), Buffalo, N. Y.  
Handlan-Buck Mfg. Co. ("Handlan"), 210-14 N 3d, St. Louis, Mo.  
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
**Moise-Klinkner Co.**, 1212 Market, San Francisco, Cal.  
Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York  
Murdoch W. J. Co., 116 Opera pl, Cincinnati, O.  
Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
Parker T. M., Hartford, Conn.  
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*  
Sigwalt Mfg. Co. ("Sigwalt," "Star," "Maas," "Lion Head," "Long Reach," "County," "Consular," "Jewell"), 3658 Armitage, Chicago, Ill.  
Smith R. H. Mfg. Co., Springfield, Mass.  
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.  
Spokane Stamp Works, Spokane, Wash.  
Stewart R. A. & Co., 201 B'way, New York  
Utica Drop Forge & Tool Co., Utica, N. Y.

**Presses (Sewer Pipe)**

*See Sewer Pipe Machinery*

**11625—Presses (Shaft Straightening)**

*See also Shaft Straightening Machines*  
*Also Presses, Straightening*  
Brightman Mfg. Co., Columbus, O.  
Logemann Bros. Co. (Also Pipe & Bar), 3130 Burleigh, Milwaukee, Wis.  
Metalwood Mfg. Co., Leit & Wright, Detroit, Mich.  
Wood R. D. & Co., 400 Chestnut, Phila., Pa.

**11626— Presses (Sheepskin)**

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y. *See adv index at end of book*  
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
Thomas Albright Co. (Hydraulic), Goshen, Ind.

**11627—Presses (Sheet Metal Working)**

*See also Sheet Metal Workers' Machines & Tools*  
**Ams Max Machine Co. ("Ams")**, Bridgeport, Conn.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Consolidated Press Co., Hastings, Mich.  
**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*  
Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
Leffler Chas. & Co. (Power), 59 Clymer, Brooklyn, N. Y. *See adv index at end of book*  
Meriden Press & Drop Co. ("Merriman"), Meriden, Conn.  
Perkins Machine Co., Warren, Mass.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Schuchardt & Schutte, 90 West, New York  
Slaysman & Co., c Pratt & President, Baltimore, Md.  
Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

**11628— Presses (Shook)**

Chase Turbine Mfg. Co. (Power Driven for Driving Together the Mortised Edges of Shooks on Boxes), Orange, Mass.

**11629— Presses (Signature)**

Hickok W. O. Mfg. Co., Harrisburg, Pa.  
Sheridan T. W. & C. B. Co., 434 B'way, New York

**11630—\*Presses (Silver Refiners')**

**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

**11631— Presses (Skein)**

Williams, White Co., Moline, Ill.

**11632—Presses (Soap Makers')**

*See also Soap Makers' Machinery*  
Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.  
Detroit Soap Co. ("Ralston"), Detroit, Mich.  
Hersey Mfg. Co., First, South Boston, Mass.  
Houchin Aiken Co., 37 53d, Brooklyn, N. Y.  
Machinery Designing & Mfg. Co. ("Dreadnought"), 656 Hudson, New York  
Rutschman Oscar F. (For Toilet Soap), 1906 E Westmoreland, Phila. Pa.  
Sowers Mfg. Co., Buffalo, N. Y.

**11633— \*Presses (Solder)**

**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

**Presses (Sprue)**

*See Cutters, Sprue, Foot & Power*

**11634—\*Presses (Stagger Feed)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

**11635— Presses (Stamping)**

Adriance Machine Works ("Adriance"), 254 Van Brunt, Brooklyn, N. Y.  
**AMERICAN CAN CO.**, 120 B'way New York. *See adv index at end of book*  
Ams Max Machine Co. ("Ams"), Bridgeport, Conn.  
Baird Machine Co., Bridgeport, Conn.  
Baxendale, Whittlesey & Cummings, Rochester, N. Y.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Carver C. R. Co., 20th & Clearfield, Phila., Pa.  
East Iron & Machine Co., 351 E Market, Lima, O.  
Ferracute Machine Co., Bridgeton, N. J.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Grammes L. F. & Sons, Allentown, Pa.  
Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.  
Hickok W. O. Mfg. Co., Harrisburg, Pa.  
Hinze H. (Book Postal Card, etc), 60 Beekman, New York  
Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.  
McCall Machine Works ("Baxendale"), Rochester, N. Y.



Michigan Press Co., Ypsilanti, Mich.  
 Slaysman & Co., c Pratt & President, Baltimore, Md.  
 Stoll D. H. Co., Buffalo, N. Y.  
 Swaine F. J. Mfg. Co. (Sheet Metal), 7th & O'Fallon, St. Louis, Mo.  
 Toledo Machine & Tool Co. (Sheet Metal) Toledo, O.  
 Verdin, Kappes & Verdin Co., Cincinnati, Ohio  
 Zeh & Hahnemann Co., Vanderpool, Newark, N. J.

### 11636— Presses (Starch)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, c Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*  
 Thomas Albright Co. (Hydraulic, for Lump Starch), Goshen, Ind.

### 11637—Presses (Stationers' Embossing)

*See also Presses, Embossing*  
 Carver C. R. Co., 20th & Clearfield, Phila., Pa.

### 11638—Presses (Steam, Hydraulic)

## STEAM=HYDRAULIC AND HYDRAULIC PRESSES

FOR FORGING, BENDING, PUNCHING, FLANGING, SHEARING, ETC.  
 (Write for Bulletin L)

### MESTA MACHINE COMPANY PITTSBURGH, PA., U. S. A.

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 Southwark Foundry & Machine Co., 4th & Washington av, Phila., Pa.  
 Tod Wm. Co., Youngstown, O.  
 United Engineering & Foundry Co. ("Davy Bros."), 307 5th av, Pittsburgh, Pa.

### 11639—\*Presses (Steam, Hydraulic Bending)

Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*

### 11640—Presses (Stearic Acid)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Hydraulic Press Mfg. Co., Mt. Gilead, O.

### 11641— Presses (Stearine)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
 Platt Iron Works Co. (Hydraulic), Dayton, Ohio

### 11642—\*Presses (Stiles Punching)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

### 11643—Presses (Straightening)

Dealano E. A. Co. (For Shafting), 1401 W North, Chicago, Ill.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Geier P. A. Co. ("Geier" Bench Straightening Press & Centers), Cleveland, O.  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
 Morse Twist Drill & Machine Co. (For Round or Flat Stock), New Bedford, Mass.  
 Noyes B. B. & Co. ("Little Giant" Bench Hand Power), Greenfield, Mass.  
 Springfield Machine Tool Co. (Bench Straightening), Springfield, O.  
**WATSON-STILLMAN CO.** (Hydraulic), 38 Church, New York  
*See adv index at end of book*

### Presses (Sugar Filtering)

*See Filters, Mechanical*

### 11644— Presses (Tan Bark)

Turner Tanning Machinery Co. (For Tanneries), Peabody, Mass.

### 11645— Presses (Tankage)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Hydraulic Press Mfg. Co., Mt. Gilead, O.

### 11646—Presses (Ticket Printing)

Kidder Press Co. (Flat & Rewound Delivery), Dover, N. H.  
 Meisel Press Mfg. Co. (Transfers, Strip or Mileage), 942 Dorchester av, Boston, Mass.  
 Wrigley Thos. Co. ("Wrigley" Patent Local), 416 S Dearborn, Chicago, Ill.

### 11647—Presses (Tile & Porcelain)

Model Machine Works (Hilmar Mueller, Prop.), Trenton, N. J.

### 11648— Presses (Tincture)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.

### 11649— Presses (Tin Printing)

Hoe R. & Co., 504 Grand, New York  
 Potter Printing Press Co (Rotary), Plainfield, N. J.

### Presses (Tire Welding)

*See Tire Welding Machines*

### Presses (Tissue Paper Printing)

*See Presses, Wrapping & Tissue Paper Printing*

### 11650— Presses (Tobacco)

Cardwell Machine Co., 1900 E Cary, Richmond, Va.  
 Cutaway Harrow Co., Higganum, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grote F. Mfg. Co., Evansville, Ind.  
 Hydraulic Press Mfg. Co., Mount Gilead, O.  
 Lacy Jas. C. Co. (Screw), Block & Wills, Baltimore, Md.  
 Nagley Mfg. Co., Lyons, N. Y.  
 Ripley Foundry & Machine Co. ("Parker" Portable, "Russell" Split Nut Hand Power & Hydraulic Hogshead), Ripley, O.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
 Woodall Mfg. Co. ("Money Saver" Stems Only), 500 Taylor, Davenport, Ia.

### 11651— Presses (Toggle)

Ams Max Machine Co. ("Ams"), Bridgeport, Conn.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Ferracute Machine Co., Bridgeton, N. J.  
 Griswold George M. Machine Co. (Power Toggle Joint), New Haven, Conn.  
**NIAGARA MACHINE & TOOL WKS** (Toggle Draw), Buffalo, N. Y.  
*See adv index at end of book*  
 Poorman O. O. Co., New Bremen, O.  
 Stoll D. H. Co. (Double Crank), Buffalo, N. Y.  
 Toledo Machine & Tool Co., Toledo, O.  
 Turner Tanning Machinery Co. (For Belt Mfrs., Hand & Belt Power), Peabody, Mass.

### 11652—\*Presses (Toggle Drawing)

*See also Presses, Drawing; also Presses, Power*

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.  
*See adv index at end of book*

### 11653—Presses (Trap)

**ELMES CHAS. F. ENGINEERING WKS. (INC.)**, cor Fulton & Sangamon, Chicago, Ill. *See adv index at end of book*

### 11654— Presses (Treadle)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.  
 Slaysman & Co. (Can Makers'), cor Pratt & President, Baltimore, Md.

### 11655— Presses (Trimming)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.  
**AMERICAN CAN CO.** (Machinery Dept.), Monroe bldg. Chicago, Ill.  
*See adv index at end of book*  
 Baird Machine Co., Bridgeport, Conn.  
 Billings & Spencer Co. ("B. & S."), Hartford, Conn.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Consolidated Press Co., Hastings, Mich.  
 Cook Thos. W. G., 83 Walker, New York  
**ERIE FOUNDRY CO., Erie, Pa.**  
 Ferracute Machine Co. (For Sheet Metal), Bridgeton, N. J.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.  
 Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Massillon Foundry & Machine Co., Massillon, O.  
 Meriden Press & Drop Co. ("Merriman" for Forging & Hot Trimming), Meriden, Conn.  
**MERRILL BROS.**, 3 Arnold, Maspeth, Boro. of Queens, New York  
*See adv index at end of book*  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.  
*See adv index at end of book*  
 Pawtucket Mfg. Co. (Automatic), Pawtucket, R. I.  
 Perkins Machine Co. (For Drop Forgings, etc), Warren, Mass.  
 Toledo Machine & Tool Co. (Power), Toledo, O.  
**United Engineering & Foundry Co.**, 307 5th av, Pittsburgh, Pa.  
 Waterbury Farrel Foundry & Machine Co. (Punching & Trimming), Waterbury, Conn.

### 11656— Presses (Tufting)

Hydraulic Press Mfg. Co. (For Carriage Mfrs., for Tufting Upholstery), Mt. Gilead, O.

### 11657—Presses (Type Embossing)

Grammes L. F. & Sons, Allentown, Pa.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Roovers Bros. ("Roovers," for Pattern Letter Plates, Tags, Labels, etc), 100 Schermerhorn, Brooklyn, N. Y.  
*See adv index at end of book*

### 11658— Presses (Veneer)

Advance Machinery Co., Toledo, O.  
 American Woodworking Machinery Co., Rochester, N. Y.  
 Black Bros. Machy. Co. (Power), Mendota, Ill.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Bushnell G. H. Press Co., Thompsonville, Conn.  
**ELMES CHAS. F. ENGINEERING WORKS (INC.)**, cor Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book*  
 Farquhar A. B. Co., Ltd., York, Pa.  
 Francis Chas. E. Co. (Hydraulic & Screw), Rushville, Ind.  
 Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.  
 Kline Lewis T., Alpena, Mich.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Towsley John T. Mfg. Co., Cincinnati, O.

### 11659—Presses (Vulcanizing)

Allen Machine Co. (Hydraulic), Erie, Pa.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.  
*See adv index at end of book*



**ELMES CHAS. F. ENGINEERING WORKS (INC.)** (Hydraulic), cor Fulton & Sangamon, Chicago, Ill.*See adv index at end of book*

Farquhar A. B. Co., York, Pa.

Farrel Foundry &amp; Machine Co., Ansonia, Conn.

Hydraulic Press Mfg. Co. (Hydraulic), Mount Gilead, O.

Logemann Bros. Co., 3130 Burleigh, Milwaukee, Wis.

Perrin Wm. R. &amp; Co. (Hydraulic), Old Colony, bldg, Chicago, Ill.

Thropp Wm. R. &amp; Sons Co. (Hydraulic), Trenton, N. J.

**THROPP'S JOHN E. SONS CO.** (Hydraulic), ft of Lewis, Trenton, N. J.  
*See adv index at end of book***11660—Presses (Warp)**

Liddell Co., Charlotte, N. C.

**11661—Presses (Waste Oil)****STRONG MACHINERY & SUPPLY CO.** ("Economy" & "Eclipse"), 21 Walker, New York *See adv index at end of book***11662—Presses (Watch & Clock Makers')**

Blake &amp; Johnson Co. (Arch or Pillar), 1500 Thomaston av, Waterbury, Conn.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book***11663—Presses (Wax Testing)**

Moore Sam. L. &amp; Sons, Elizabeth, N. J.

**Presses (Wheel)***See Presses, Hydrostatic Wheel***11664—Presses (Wheelbox)**

Lourie Mfg. Co. ("Hercules" Hydraulic), Springfield, Ill.

**Presses (Wine & Cider)***See Mills, Cider & Cider Presses***Presses (Wiring)***See Presses, Horning & Wiring***Presses (Wood Printing)***See Box Board Printing Machines***11665—Presses (Wood Pulley Glueing)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.*See adv index at end of book*

Hydraulic Press Mfg. Co., Mt. Gilead, O.

**11666—Presses (Wood Pulp)****BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.*See adv index at end of book*

Bushnell G. H. Press Co., Thompsonville, Conn.

Scott Olin (Est. of), Bennington, Vt.

**11667—Presses (Wrapping & Tissue Paper Printing)**

Kidder Press Co. (Combination Rotary), Dover, N. H.

Meisel Press Mfg. Co. (Sheet or Flat Delivery), 942 Dorchester av, Boston, Mass.

**11668—Presses (Yarn)**

Liddell Co., Charlotte, N. C.

**11669—Preventers (Smoke)***See also Furnaces Smokeless*

Diamond Power Specialty Co., Detroit, Mich.

**11670—Priers (Automobile Tire)**

National Cutlery Co., Westmoreland &amp; Boudinot, Phila., Pa.

**Prime Movers***See Dynamo & Motor Mfrs., Engines, Various Kinds; Generators, Various Kinds; Motors, Various Kinds; Turbines, Various Kinds; Windmills***11671—Primers (Cartridge)***See also Ammunition*

Peters Cartridge Co., First Nat'l Bank bldg, Cincinnati, O.

Remington Arms Union Metallic Cartridge Co. ("N. M. C."), 233 B'way, New York

Robin Hood Ammunition Co., Swanton, Vt.

Winchester Repeating Arms Co., New Haven, Conn.

**11672-3-4—Primers (Wood & Metal)**

Murphy Varnish Co., McWhorter, Newark, N. J.

Valentine &amp; Co. ("Celox"), 456 4th av, New York

**Printers (Railroad)***See Railroad Stationery, Blanks, Manifests, etc.; also Loose Leaf Devices***Printers Rubber Blankets***See Blankets Printers & Lithographers***11675-6-7—Printers' Wood Furniture**

Damon Geo. &amp; Sons, 44 Beekman, New York

Hamilton Mfg. Co., Two Rivers, Wis.

**Printing Machines***Consult Index to Classifications for number of classification descriptive of the kind of Printing Machines required***Printing Presses***See Classification 8851***11678-9—Printing Presses (Milk Bottle Caps)**

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

**11680—Pritchels (Blacksmiths' & Farriers')**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

**11681—\*Projectile Bands****AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book***11682 Projectiles (Steel)**

American &amp; British Mfg. Co., Charles, Providence, R. I. &amp; Bridgeport, Pa.

Bethlehem Steel Co., South Bethlehem, N. Y. *See adv index at end of book***BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y.

Brenbunfus Engineering Co., Lorain, O.

Bridgeport Projectile Co., Union av, Bridgeport, Conn.

Firth-Sterling Steel Co., McKeesport, Pa.

Johnson Isaac G. &amp; Co., Spuyten Duyvil, New York City, N. Y.

Midvale Steel Co., Philadelphia, Pa.

**SCOVILL MFG. CO.**, Waterbury, Conn.  
*See adv index at end of book***11683—Projection Apparatus**

Bausch &amp; Lomb Optical Co. (Balopticons), Rochester, N. Y.

Knott L. E. Apparatus Co. ("Sonograph" for Graphic Analysis of Sound Waves), 79 Amherst, Cambridge, Mass.

Leitz Ernest (Universal Imp.), 30 E 18th, New York

McIntosh Stereopticon Co., 30 E Randolph, Chicago, Ill.

Spencer Lens Co., Buffalo, N. Y.

**Projectors (Electric Sign)***See Flashers, Electric Sign***11684—Projectors or Search Lights**

Bausch &amp; Lomb Optical Co., Rochester, N. Y.

Bogue Chas. J. Electric Co., 513 W 29th, New York

Campbell A. S. Co. ("Cello" Searchlights for Automobiles &amp; Motor Boats), 284 Commercial, Boston, Mass.

Carlisle &amp; Finch Co., 229 E Clifton av, Cincinnati, O.

Colt J. B. Co., 30 E 42d, New York

**Engberg Electric & Mechanical Works, St. Joseph, Mich.****GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Hawthorne Mfg. Co. ("Old Sol"), Bridgeport, Conn.

Kandem Electric Co. (Imp.), 53 E 21st, New York

**MORSE FRANK W.** ("Bay State" & "Morse," Portable Electric Search Lamps), 293 Congress, Boston, Mass.*See adv index at end of book*

National Marine Lamp Co. (Searchlight), Forestville, Conn.

Niagara Searchlight Co., Niagara Falls, N. Y.

O'Brien Electrophone Co., Hallowell, Me.

Pittsburgh Electric Specialties Co., Ross &amp; 1st av, Pittsburgh, Pa.

Rateau, Battu Smoot Co. (Electric), 90 West, New York

Rex-Harris Fire Appliance Co., 39 E 19th, New York

Sperry Gyroscope Co., 40 Flatbush av ext, Brooklyn, N. Y.

Stewart-Warner Speedometer Corp., ("V Ray"), 1826 Diversey Parkway, Chicago, Ill.

Vesta Accumulator Co. ("Vesta," Electric), 2100 Indiana av, Chicago, Ill.

Victor Animatograph Co. ("Victor" Projector With Electric Arc for Non-Transparencies), Davenport, Ia.

Wood Mfg. Co. (Electric), Fairfield, Conn.

**11685 Prongs (Valve)**

Hays Mfg. Co. (Brass), Erie, Pa.

Yonts C. H. &amp; Co. (Malleable Iron), Meadville, Pa.

**11686—Propellers (Aeroplane)**

Cox Aero Works, Bayonne, N. J.

L-W-F Engineering Co., College Point, L. I., N. Y.

Sloane Aeroplane Co., 1737 B'way, New York

**11687—Props (Carriage Top)**

Cowles C. &amp; Co. ("Thomas"), New Haven, Conn.

**Higgin Mfg. Co.**, Newport, Ky.

Monarch Carriage Goods Co. ("Monarch"), Cincinnati, O.

Searls Mfg. Co. ("Thomas" Mal, "Searls-Thomas"), 29 Mulberry, Newark, N. J.

**11688—Props (Sash)**

Corbin P. &amp; F., New Britain, Conn.

Reading Hardware Co., Reading, Pa.

Russell &amp; Erwin Mfg. Co., New Britain, Conn.

Sargent &amp; Co., New Haven, Conn.

**11689—Protectors (Automobile Horn Bulb)**

New York Wire &amp; Spring Co. ("Asco"), Washington &amp; Leroy, New York

**11690—Protectors (Book Corner)**

Ideal Book Machine Corner Co., Worcester, Mass.

Modern Mfg. Co., 543 N Lawrence, Phila., Pa.

**11691-2—Protectors (Boot)**

Channon Jas. H. Mfg. Co. ("Union" for Trench &amp; R. R. Work, etc), 227 W Erie, Chicago, Ill.

Horstmann Wm. H. Co. (For Foundry Men), 5th &amp; Cherry, Phila., Pa.

**Protectors (Catchers' Body)***See Base Ball Body Protectors***Protectors (Check)***See Check Protectors***11693—Protectors (Electric)**

Central Tel. &amp; Electric Co., 310 N 11th, St. Louis, Mo.

**Cook Frank B. Co.** ("Cook," Terminal), 326 W Madison, Chicago, Ill.

D &amp; W Fuse Co., Hathaway, Providence, R. I.



Fibre Corporation, Lockport, N. Y.  
Harvard Electric Co., 525 W Van Buren,  
Chicago, Ill.  
**Helios Mfg. Co., Garden ab Bridge, Phila.,  
Pa.**  
Metropolitan Engineering Co. (Network  
for Transformers), 30 E 42d, New York  
Trio Mfg. Co. ("Tornquist"), Rock Is-  
land, Ill.

#### 11694—Protectors (Heel)

Richard Stephen Co., Southbridge, Mass.

#### 11695—Protectors (Lubricator)

Sargent Co. ("Ironclad," for Locomotives),  
Fisher bldg, Chicago, Ill.

#### 11696—Protectors (Milk Bottle)

Burgess & Norton Mfg. Co. ("Grant's"),  
Geneva, Ill.

#### 11697—Protectors (Pole)

Hallett Iron Works ("Hallett"), Harvey,  
Ill.  
Hubbard & Co. (Galvanized), 63d & Butler,  
Pittsburgh, Pa.  
Lanz M. & Sons (Protection Strips), 2907  
Carson, Pittsburgh, Pa.

#### 11698—Protectors (Rail Bond)

Chase-Shawmut Co., Newburyport, Mass.  
P. & M. Co. (Wire), 80 E Jackson blvd,  
Chicago, Ill.

#### 11699—Protectors (Roll & Fabric)

Fabric Roll Protector Co., South Bend,  
Ind.

#### 11700—Protectors (Smoke)

Cover H. S. ("Cover's"), South Bend, Ind.  
Hayward S. F. & Co., 39 Park pl, New  
York

#### 11701—Protectors (Switch)

Lord Mfg. Co. ("Leco"), 105 W 40th, New  
York.

#### 11702—Protectors (Thermometer Bulb)

Grammes L. F. & Sons, Allentown, Pa.

#### 11703—Protectors (Tire)

Brittson O. A., Brookings, S. D.  
Double Fabric Tire Co., Auburn, Ind.  
Empire Tire & Rubber Corp., East Tren-  
ton, N. J. *See adv index at end of book*  
Leather Tire Goods Co. ("Woodworth"  
Treads), Niagara Falls, N. Y.  
O'Neill Tire & Protector Co., Akron, O.  
Standard Tire Protector Co. (Rubber),  
Akron, O.  
20th Century Tire Protector Co. ("20th  
Century"), Midlothian, Tex.  
Universal Tire Protector Co., Angola, Ind.

#### 11704—Protractors

Besley Chas. H. & Co. ("Universal" Bevel),  
120 H N Clinton, Chicago, Ill.  
Crookston Tool Co., Crookston, Minn.  
Brown & Sharpe Mfg. Co. (Draughts-  
man's), Providence, R. I.  
Goodell-Pratt Co. (Arc & Draughtsman),  
Greenfield, Mass.  
Gurley W. & L. E., Troy, N. Y.  
Keuffel & Esser, Hoboken, N. J.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.** (Bevel Draughts-  
man, etc), Athol, Mass.  
*See adv index at end of book*

#### Pruners (Tree)

*See Shears, Pruning*

#### 11704a—Prussiate of Soda

Bower Henry Chemical Mfg. Co. (Yellow  
& Red), 29th & Gray's Ferry av,  
Phila., Pa.

#### 11705—Psychrometers

Green Henry J., 1191 Bedford av, Brook-  
lyn, N. Y.  
Tagliabue C. J. Mfg. Co., 18 33d, Brook-  
lyn, N. Y.

#### 11706—Publications (Trade)

Acetylene Journal Publishing Co., 122 S  
Michigan, Chicago, Ill.  
**Advertising & Selling Magazine, 381 4th av,  
New York**  
Aeronautics Press, 1790 B'way, New York  
Aircraft, Plainfield, N. J.  
American Architect, 243 W 39th, New York  
American Artisan, 910 S Mich. av, Chi-  
cago, Ill.  
American Blacksmith Co., 775 Main, Buf-  
falo, N. Y.  
American Carpenter & Builder, 1827  
Prairie av, Chicago, Ill.  
**American Carpet & Upholstery Journal,  
421 Chestnut, Phila., Pa.**  
American City, 154 Nassau, New York  
American Contractor Publishing Co., 6 W  
Michigan, Chicago, Ill.  
American (The) Drop Forger, 108 Smith-  
field, Pittsburgh, Pa.  
American Exporter, 17 Battery pl, New  
York  
American Fertilizer, 1010 Arch, Phila., Pa.  
American Gas Light Journal, 42 Pine, New  
York  
American Grocer, 90 W B'way, New York  
American Hatter, 1182 B'way, New York  
American Lumberman, 431 S Dearborn,  
Chicago, Ill.  
American Machinist, 10th av & 36th, New  
York  
American Motorist, 501 5th av, New York  
American Printer, 344 W 38th, New York  
American Silk Journal, 373 4th av, New  
York  
American Sports Publishing Co., 21 War-  
ren, New York  
American Stationer, 125 N Green, Chi-  
cago, Ill.  
American Stone Trade, 537 S Dearborn,  
Chicago, Ill.  
American Thresherman, Madison, Wis.  
Architecture, 527 5th av, New York  
Architecture & Building, 23 Warren, New  
York  
Architectural Record, 119 W 40th, New  
York  
Automobile Dealer & Repairer, 71 Mur-  
ray, New York  
Automobile Directories Co., 148 W 52d,  
New York  
**Automobile Journal Publishing Co., Paw-  
tucket, R. I.**  
Automobile Topics, 1790 B'way, New  
York  
Automobile The, 239 W 39th, New York  
Bakers' Helper Co., 327 S La Salle, Chi-  
cago, Ill.  
Bakers' Review, 233 Broadway, New York  
Bakers' Weekly, 41 Park Row, New York  
Barbers' Journal, 25 W 42d, New York  
Barrel & Box, 537 S Dearborn, Chicago,  
Ill.  
Black Diamond Co., 431 S Dearborn, Chi-  
cago, Ill.  
Blacksmith & Wheelwright, 71 Murray,  
New York  
Blast (The) Furnace & Steel Plant, 108  
Smithfield, Pittsburgh, Pa.  
Boiler Maker, 461 8th av, New York  
**Brass World & Plasterer's Guide, 55 Duane,  
New York**  
Brewer & Malster, 163 W Washington,  
Chicago, Ill.  
Brewers' Journal, 1 Hudson, New York  
Brick & Clay Record, 445 Plymouth Court,  
Chicago, Ill.  
Brooms, Brushes & Handles, Milwaukee,  
Wis.  
Builder & Contractor, Los Angeles, Cal.  
Building Age, 239 W 39th, New York  
Building Management, 119 W 40th, New  
York  
Bungalow Magazine, Seattle, Wash.  
Butchers' Advocate Co., 203 B'way, New  
York  
Canning Trade, State Bk. of Md. bldg, Bal-  
timore, Md.  
Carriage Dealers Journal, Troy, N. Y.  
**Carriage Monthly, 1010 Arch, Phila., Pa.**  
Cement Era Publishing Co., 533 S Clark,  
Chicago, Ill.  
Cement World, 1827 Prairie av, Chicago,  
Ill.  
**Cement & Engng. News, 610 S Dearborn,  
Chicago, Ill.**  
Central Station, 63 Park row, New York  
Chemical Engineer, 608 S Dearborn, Chi-  
cago, Ill.  
**Clayworker, Indianapolis, Ind.**  
Clothier & Furnisher, 13 Astor pl, New  
York  
**Coal Age, 10th av & 36th, New York**  
Coal Trade Bulletin, Park bldg, Pittsburgh,  
Pa.

Coal Trade Journal, 20 Vesey, New York  
Coal & Coke Operator, 108 Smithfield,  
Pittsburgh, Pa.  
**Commercial Journal, 628 Chestnut, Phila-  
delphia, Pa.**  
**Commercial Vehicle, 239 W 39th, New  
York**  
Concrete-Cement Age Publishing Co., New  
Telegraph bldg, Detroit, Mich.  
Confectioner's Gazette, 366 B'way, New  
York  
Construction News Co., 53 W Jackson blvd,  
Chicago, Ill.  
Cordage Trade Journal, 81 Fulton, New  
York  
Cotton Manual Publishing Co., Atlanta, Ga.  
Cracker Baker, 41 Park row, New York  
Creditors' Mercantile Guide, 37 Liberty,  
New York  
Dealers Record Co., 1827 Prairie av, Chi-  
cago, Ill.  
**Dockham Publishing Co., 6 Beacon, Bos-  
ton, Mass.**  
Dodge Reports, 119 W 40th, New York  
Domestic Engineering, 37 W Van Buren,  
Chicago, Ill.  
Druggists' Circular, 100 William, New  
York  
Dry Goods Economist, 239 W 39th, New  
York  
**Dry Goods Publishing Co., 116 W 32d, New  
York**  
Dun's International Review, 290 Broadway,  
New York  
El Comercio (J. Shepherd Clark Co.), 114  
Liberty, New York  
Electric Railway Journal, 239 W 39th, New  
York  
Electric Vehicles, 53 W Johnson blvd, Chi-  
cago, Ill.  
**Electrical Age, 233 B'way, New York**  
Electrical Record, 116 Liberty, New York  
Electrical Review & Western Electrician,  
608 S Dearborn, Chicago, Ill.  
Electrical World, 239 W 39th, New York  
**ENGINEERING NEWS-RECORD, 10th av  
at 36th, New York**  
*See adv index at end of book*  
**ENGINEERING & CONTRACTING, 608 S  
Dearborn, Chicago, Ill.**  
*See adv index at end of book*  
Engineering & Mining Journal, 10th av &  
36th, New York  
Export American Industries, 30 Church,  
New York  
Exportador Americano, 17 Battery pl, New  
York  
Exporters' Review, 80 Broad, New York  
Exporters & Importers' Journal, 17 State,  
New York  
**Factory Magazine, 5 N Wabash av, Chi-  
cago, Ill.**  
Farm Implements, 1018 Lumber Exchange,  
Minneapolis, Minn.  
Farm Implement News Co., Masonic Tem-  
ple, Chicago, Ill.  
Farm Progress, 7th & Olive, St. Louis, Mo.  
Fibre & Fabric, 127 Federal, Boston, Mass.  
Fire & Water Engng., 154 Nassau, New  
York  
**Five & Ten Cent Store Magazine & Variety  
Review, Gerke bldg, Cincinnati, O.**  
Florists' Exchange, 443 W 31th, New York  
**Flour, Hay, Grain & Feed Journal, 233  
Broadway, New York**  
Foundry Equipment Co., 2102 Abbey av,  
Cleveland, O.  
**FULLER PUBLISHING CO., Pacific bldg.,  
Seattle, Wash.**  
*See adv index at end of book*  
Fur Trade Review, 1181 Broadway, New  
York  
Furniture Industry, Evansville, Ind.  
Furniture Journal, 610 S Dearborn, Chi-  
cago, Ill.  
Furniture Mfg. & Artisan, Grand Rapids,  
Mich.  
Furniture World, 15 W 38th, New York  
Gas Age, 52 Vandebilt av, New York  
Gas Energy Co., 55 Duane, New York  
Geyer's Stationer, 318 B'way, New York  
Good Roads, 150 Nassau, New York  
Hardware Age, 239 W 39th, New York  
Hardware Dealers' Mag., 253 B'way, New  
York  
Hardware Review, Woolworth bldg, New  
York  
**Hay Trade Journal Publishing Co., Cana-  
joharie, N. Y.**  
Heating & Ventilating Magazine, 1123  
B'way, New York  
Hide & Leather, 136 W Lake, Chicago, Ill.  
Horseless Age, 95 Madison av, New York  
**Horseshoers' Journal, 142 Lafayette, De-  
troit, Mich.**  
House Furnishing Review, 253 Broadway,  
New York



Hub, The, 55 Duane, New York  
Ice Cream Trade Journal, 150 Nassau, New York  
Ice & Refrigeration, 431 S Dearborn, Chicago, Ill.  
Illuminator Engineering Publishing Co. (Technical), 15 W 38th, New York  
Implement Trade Journal Co., Graphic Arts bldg, Kansas City  
Improvement Bulletin, 610 Exchange, Minneapolis, Minn.  
India Rubber World, 25 W 45th, New York  
Industrial Engineering, 118 E 28th, New York  
**INDUSTRIAL MANAGEMENT** (The Engineering Magazine), 6 E 39th, New York  
*See adv index at end of book*  
Inland Printer, 632 Sherman, Chicago, Ill.  
Inland Storekeeper, 122 S Michigan av, Chicago, Ill.  
International Confectioner, 109 Lafayette, New York  
International Marine Engineering, Whitehall bldg, New York  
International Trade Developer, 220 S State, Chicago, Ill.  
Iron Age, 239 W 39th, New York  
Isolated Plant Publishing Co., 366 5th av, New York  
Jewelers' Circular, 11 John, New York  
Keramic Studio, Syracuse, N. Y.  
Lighting Journal, 241 W 37th, New York  
Lumberman (St. Louis), Wright bldg, St. Louis, Mo.  
Lumber World Review, 608 S Dearborn, Chicago, Ill.  
Machinery, 140 Lafayette, New York  
**MANUFACTURERS' RECORD**, Water & Commerce, Baltimore, Md.  
*See adv index at end of book*  
Manufacturing Jeweler, 42 Weybosset, Providence, R. I.  
Marine Engineering, 17 Battery pl, New York  
Master Sheet Metal Workers' Journal, 261 S 4th Philadelphia, Pa.  
Men's Wear, 42 E 21st, New York  
Metal Industry 99 John, New York  
Metal Worker, 239 W 39th, New York  
Metallurgical & Chemical Engineering, 239 W 39th, New York  
Mining World, Monadnock blk, Chicago, Ill.  
Monumental News, 538 S Clark, Chicago, Ill.  
Motor Age, 5 S Wabash, Chicago, Ill.  
Motor Boat, 110 W 40th, New York  
Motor World, 239 W 39th, New York  
Moving Picture World, 17 Madison av, New York  
**MUNICIPAL ENGINEERING**, 608 S Dearborn, Chicago, Ill.  
*See adv index at end of book*  
Municipal Journal, Times Sq Station, New York  
**MUNN & CO.** (Scientific American), 699 Woolworth bldg, New York  
*See adv index at end of book*  
National Builder, 537 S Dearborn, Chicago, Ill.  
National Druggist, Century bldg, St. Louis, Mo.  
National Engineer, 417 S Dearborn, Chicago, Ill.  
National Five, Ten & Twenty-Five Cent Magazine, 121 E 24th, New York  
National Harness Review, 1054 Buena av, Chicago, Ill.  
National Laundry Journal, 124 N Ann, Chicago, Ill.  
National Provisioner, 116 Nassau, New York  
Novelty News Co., 9 S Clinton, Chicago, Ill.  
Office Appliances Magazine, 417 S Dearborn, Chicago, Ill.  
Office Outfitter, 445 Plymouth ct, Chicago, Ill.  
Oil, Paint & Drug Reporter, 100 William, New York  
Operative Miller, 721 S Wood, Chicago, Ill.  
Optical Journal & Review, 11 John, New York  
**PACIFIC BUILDER & ENGINEER**, Pacific bldg, Seattle, Wash.  
*See adv index at end of book*  
Packages, Montgomery bldg, Milwaukee, Wis.  
Painters Magazine, 100 William, New York  
Paper, 117 E 24th, New York  
Paper Mill, 154 Nassau, New York  
Paper Record The, 38 Park row, New York  
Paper Trade Journal, 150 Nassau, New York  
Pharmaceutical Era, 3 Park pl, New York  
Playthings, 118 E 28th, New York  
Plumbers' Trade Journal Pub. Co., 43 W 34th, Chicago, Ill.

Popular Mechanics Magazine, 6 N Michigan av, Chicago, Ill.  
Power, 10th av & 36th, New York  
Power Boating, Cleveland, O.  
Practical Engineer, 537 S Dearborn, Chicago, Ill.  
Printing, 38 Park row, New York  
Publishers' Guide Co., 117 E 24th, New York  
Purchasing Agent Co., 317 Main, Springfield, Mass.  
Railway Age Gazette, Woolworth bldg, New York  
Railway Master Mechanics, 37 W. Van Buren, Chicago, Ill.  
Railway Review, 537 S Dearborn, Chicago, Ill.  
Railway & Marine News, Seattle, Wash.  
Railway World, 612 Chestnut, Phila., Pa.  
Record & Guide, 119 W 40th, New York  
Refrigerating World, 233 B'way, New York  
Retail Coalman, Monadnock blk, Chicago, Ill.  
Rock Products & Building Materials, 537 S Dearborn, Chicago, Ill.  
Rudder Publishing Co., 9 Murray, New York  
St. Louis Lumberman, Wright bldg, St. Louis, Mo.  
Safety Engineering, 80 Maiden Lane, New York  
Sampson & Murdock Co., 246 Summer, Boston, Mass.  
Scientific American, Woolworth bldg, New York  
Sewing Machine Times, 239 4th av, New York  
Sheet Metal, 154 Nassau, New York  
Shoe & Leather Reporter, 183 Essex, Boston, Mass.  
Soap Gazette & Perfumer, 108 Fulton, New York  
Southern Engineer, Atlanta, Ga.  
Sporting News Publishing Co., Penn bldg, St. Louis, Mo.  
Spokesman Publishing Co., 128 Opera pl, Cincinnati, O.  
Sporting Goods Sales Journal, 38 Park Row, New York  
Starchroom Publishing Co., 415-17 Pioneer, Cincinnati, O.  
Steam, 90 West, New York  
Sugar Magazine, 326 W Madison, Chicago, Ill.  
Sweet's Catalogue, 119 W 40th, New York  
System Magazine, 5 N Wabash av, Chicago, Ill.  
Talking Machine World, 373 4th av, New York  
Tea & Coffee Trade Journal, 79 Wall, New York  
Technical World Magazine, 58th & Drexel, Chicago, Ill.  
Telegraph & Telephone Age, 253 B'way, New York  
Telephone Publishing Co., 53 W Jackson Blvd, Chicago, Ill.  
Textile Mfrs. Journal, 377 B'way, New York  
Textile World Journal, 144 Congress, Boston, Mass.  
Tobacco Leaf Publishing Co., 198 B'way, New York  
Trade Mark Record, 31 Nassau, New York  
Tradesman The, Publishing Co., Chattanooga, Tenn.  
Upholsterer, 373 4th av, New York  
Waste Trade Journal, 150 Lafayette, New York  
Western Architect, 215 S Market, Chicago, Ill.  
Western Contractor, 521 Locust, Kansas City, Mo.  
Western Motor Record, Bancroft bldg, San Francisco, Cal.  
Wooden & Willowware Trade Review, 81 Fulton, New York

**11707—Pullers (Automobile Wheel)**

Benford Mfg. Co., Mt. Vernon, N. Y.  
Braunsdorf-Mueller Co., Elizabeth, N. J.  
Crane Puller Co. ("Crane"), Arlington, Mass.  
Empire Wheel Works, Utica, N. Y.  
Lashbaugh & Jordan Tool & Machine Co., Elkhart, Ind.  
Motor Specialties Co. ("Mosco"), Waltham, Mass.  
Noonan A. S. Tool & Machine Works, Rome, N. Y.  
Polson Mfg. Co., Buffalo, N. Y.  
Premier Electric Co. ("Little Giant"), 1123 S Wabash, Chicago, Ill.  
Presbrey E. H. Co., 50 Broad, New York  
Standard Auto Accessory Co. ("Standard"), Leipsic, O.

Weeber C. F. Mfg. Works ("Weeber," for Removing Rear Wheels of Automobiles), Albany, N. Y.

**11708— Pullers (Beet)**

Brillion Iron Works, Brillion, Wis.  
Bucher & Gibbs Plow Co., Canton, O.  
Deere & Co. ("Jno. Deere"), Moline, Ill.  
Donaldson Bros. ("Donaldson," "Valley"), Mt. Clemens, Mich.  
Gale Mfg. Co. ("Gale"), Albion, Mich.  
Jackson & Church Co. (Steam & Electric), Saginaw, Mich.  
Lehr Agricultural Co. ("Lehr"), Fremont, Ohio  
Moline Plow Co. ("Moline"), Moline, Ill.  
Ohio Cultivator Co. ("Famous Ohio"), Bellevue, O.  
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.  
Rowell I. B. Co., Waukesha, Wis.

**11709— Pullers (Bell Cord)**

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

**11710— Pullers (Car)**

*See also Car Movers & Pushers*  
Barnard & Leas Mfg. Co. ("Moline"), Moline, Ill.  
Caldwell H. W. & Son Co. ("Caldwell" Standard & Self-Contained Safety), 17th & Western av, Chicago, Ill.  
Dodge Sales & Engineering Co. ("Safety"), Mishawaka, Ind.  
Great Western Mfg. Co., Leavenworth, Kans.  
Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.  
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*  
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
**LINK-BELT COMPANY** ("Safety"), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*  
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
Nordyke & Marmon Co. (Power), 1290 Kentucky av, Indianapolis, Ind.  
Sasgen Derrick Co. (Also "Pull-Me-Out" Truck), 3101 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
Skillen & Richards Mfg. Co. (Improved), 4520 Cortland av, Chicago, Ill.  
Stephens-Adamson Mfg. Co. ("S.-A.," Safety), Aurora, Ill.  
Webster Mfg. Co., Tiffin, O.  
Weller Mfg. Co., 853 W North av, Chicago, Ill.

**11711— Pullers (Cork)**

*See also Cork Screws*  
Arcade Mfg. Co. ("Champion," "Triumph," "Standard," "Favorite," "Daisy" & "Phoenix"), Freeport, Ill.  
Cassady Fairbank Mfg. Co. ("Trinity"), 6126 S La Salle, Chicago, Ill.  
Erie Specialty Co. ("Walker's" Bar, "Quick & Easy," "Samson"), 520 W 12th, Erie, Pa.  
Hawley Mfg. Co. ("Quick-as-a-Wink"), Stepney, Conn.  
Warner Hammer Co. ("Quick-as-a-Wink"), Cromwell, Conn.

**Pullers (Cotter Pin)**

*See Extractors, Cotter Pin*

**11712— Pullers (Dandelion)**

Hall Mfg. Co. ("Hall"), Monticello, Ia.

**11713-4—Pullers (Fence Staple Bar)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

**Pullers (Gear)**

*See Pullers, Wheel*

**11715— Pullers (Nail)**

*See also Pullers, Tack; also Pullers, Staple*  
Belden Machine Co. ("Diamond-B," "Never Slip"), New Haven, Conn.  
Bonner Tool Co. ("Victor" Pry Bar, Drop Forged), Champaign, Ill.



Bradley & Farnham ("E. Z."), Middlefield, Conn.  
 Bridgeport Hardware Mfg. Corp. ("Tiger," "Sure Grip," "Jumbo," "Rex," "Red Bull," Nail Puller, Box Opener & Hammer), Bridgeport, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Chantrell Hardware & Tool Co., Reading, Pa.  
 Dudley Tool Co., Menominee, Mich.  
 Grammes L. F. & Sons ("Bull Dog," "Sampson"), Allentown, Pa.  
 Hurst H. L. Mfg. Co., Canton, O.  
 Landers, Frary & Clark ("Universal"), New Britain, Conn.  
 Lowentraut P. Mfg. Co. ("Montgomery"), 36 Brenner, Newark, N. J.  
 Mellor Box Opener Co. ("Mellor" Box Opener, Nail Puller & Hammer Combined), Sedalia, Mo.  
 Millers Falls Co. ("Pelican," "Miller's Falls"), 28 Warren, New York. Works: Miller's Falls, Mass.  
 Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York  
 Page Storms Drop Forge Co. ("Gem"), Chicopee, Mass.  
 Pelouze Mfg. Co. ("Champion"), 232 E Ohio, Chicago, Ill.  
 Richard Stephen Co. (For Cobblers), Southbridge, Mass.  
 S. & I. Co. ("Giant" Pattern, etc.), Springfield, Mass.  
 Scranton & Co., New Haven, Conn.  
**SMITH & HEMENWAY CO.** ("Giant," "Diamond B" & "Red Devil"), 76 Chambers, New York  
*See adv index at end of book*  
 Snow & Petrelli Mfg. Co. "Crown," "Crown Prince," "Moynard"), New Haven, Conn.  
 Try-Me Mfg. Co. ("Milla's"), Springfield, Mass.  
 Union Hardware Co., Torrington, Conn.  
 Warner Hammer Co. ("Common-Sense"), Cromwell, Conn.

### 11716— Pullers (Onion)

Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.

### 11717 Pullers (Piling)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

### 11718— Pullers (Pinion)

(For Pulling Pinions from Armatures)

Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.  
 Wood Chas. N. & Co. (For Commutators, Pinions, Flywheels, Auto Wheels, etc.), 14 Federal, Boston, Mass.

### 11719— Pullers (Plank)

Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.

### 11720— Pullers (Spike)

*See also Bars, Pinch*

Hardsoeg Martin Co., 922 South av, Pittsburgh, Pa.  
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.  
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.  
 Justice Philip S. & Co. ("Justice" Railroad), 421 Chestnut, Phila., Pa.  
 Morrill Chas. ("Pearson Cyclone," "Apex" & "Morrill"), 100 Lafayette, New York

### 11721— Pullers (Staple)

Bicknell Mfg. & Supply Co., Janesville, Wis.  
 Bonner Tool Co. ("Victor"), Champaign, Ill.  
 Bridgeport Hdwe. Mfg. Corp., Bridgeport, Conn.  
 Cheney Henry Hammer Co., Little Falls, N. Y.  
 Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 Osmundson Spade Mfg. Co. ("Buffalo"), Perry, Ia.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.

**SMITH & HEMENWAY CO.** ("Red Devil"), 76 Chambers, New York  
*See adv index at end of book*  
 Utica Drop Forge & Tool Co., Utica, N. Y.  
 Warren Specialty Mfg. Co., West Farmington, Ohio

### 11722— Pullers (Stump)

Aumond Stump Machine Co. (Steel), Cedar Springs, Mich.  
 Bennet H. L. & Co. ("Bennet" Cable, "Bennet" Screw, "Bennet" Hand Power), Westerville, O.  
 Butterworth & Lowe, Grand Rapids, Mich.  
 Caward R. S. ("Faultless"), Cresco, Ia.  
**CLYDE IRON WORKS** ("Clyde"), Duluth, Minn. *See adv index at end of book*  
 Edwards C. D. ("Climax," "Jumbo," "Chief"), Albert Lea, Minn.  
 Farquhar A. B. Co. (Ltd.), ("Archimedean," Hand Power), York, Pa.  
 Hercules Mfg. Co. ("Hercules"), Centerville, Ia.  
 Jackson & Church Co. (Power), Saginaw, Mich.  
 Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.  
 Kirstin A. J. Co. ("One Man"), Escanaba, Mich.  
 Milne Mfg. Co. ("Hawkeye," "I. & L.," "Iron Giant," "Milne"), Monmouth, Ill.  
 National Iron Co., Duluth, Minn.  
 Scott Hay Press Co. ("O-K"), Kansas City, Mo.  
 Smith Mfg. Co., La Crosse, Wis.  
 Sparta Iron Works Co., Sparta, Wis.  
 Swenson Grubber Co. ("Swenson" Malleable Iron), Cresco, Ia.

### Pullers (Tack)

*See Claws or Pullers, Tack*

### 11723— Pullers (Wheel)

*See also Pullers, Automobile Wheel*  
 Crane Puller Co. ("Crane" & Gear), Arlington, Mass.

### 11724— Pullers (Wire)

Browne & Dowd Mfg. Co. ("Yankee"), Meriden, Conn.  
 Dicke Tool Co. ("The Imperial"), Downers Grove, Ill.  
 Laurent Cherry Pulley Block Co., Trenton, N. J.

### 11725— Pulley Covering

Baertl Anti-Slip Cement Co. ("Baertl"), 97 Water, New York  
 Belt Grip Pulley Co. ("Belt Grip"), 182 Breckenridge, Buffalo, N. Y.  
 Boston Woven Hose & Rubber Co. ("Milo" Stitched Canvas), Cambridgeport, Mass.  
 Chemical & Engineering Co. ("Red Dragon" Power Saving), Watertown, N. Y.  
 Eclipse Pulley Covering Co. (Canvas), 2028 W Lake, Chicago, Ill.  
 Fansher Bros. ("Anti-Slip" Pulley Dressing), Dayton, O.  
 Kantslip Co. ("Kantslip"), Freeport, Mich.  
 Kinkad Mfg. Co. ("Power Saver"), 45 High, Boston, Mass.  
 National Mfg. & Engineering Co. ("Perfection," 1537 Race, Phila., Pa.  
 Onward Mfg. Co. ("O. C. Little"), Menasha, Wis.  
 Pulley Facing Co. ("Perfection"), 249 N 11th, Phila., Pa.  
 Shackley W. T. & Son (Canvas), 49 High, Boston, Mass.  
 Shultz Belting Co. ("Shultz Patent"), Bismarck & Barton, South St. Louis, Mo.  
 Thermoid Rubber Co., Trenton, N. J.  
 Turner J. S. Mfg. Co., Lowell, Mass.  
 U. S. Pulley Covering Co. ("Solvonon"), 212 Washington, New York  
 Warren Co. ("Warren's"), Niles, Mich.

### 11726—Pulleys (Anti-Friction, Dumb Waiter)

Stowell Co., The, South Milwaukee, Wis.

### 11727— Pulleys (Arc Lamp)

Abbott Samuel (Awning), Cleveland, O.  
 Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.  
 Creaghead Engineering Co., 340 Maine, Cincinnati, O.

Cutter Geo. Co. ("Cutter's"), South Bend, Ind.  
 Electrical Construction Supply Co., Springfield, O.  
 Fletcher Mfg. Co. (Automatic Suspension, Sleet Proof), Dayton, O.  
 Fort Wayne Electric Works of General Electric Co., Fort Wayne, Ind.  
 Marine Hardware-Equipment Co., South Portland, Me.  
 Morris Elmer P. Iron Works (Inc.) (Steel), 136 Liberty, New York  
 Ney Mfg. Co., Canton, O.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Reading Hardware Co., Reading, Pa.  
 Stover Mfg. Co. ("Ideal"), Freeport, Ill.  
 Wilcox, Crittenden & Co., Middletown, Conn.  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hardware Co., Wrightsville, Pa.

### 11728— Pulleys (Bell Cord)

Brady Electric Mfg. Co. (Sleet Proof), New Britain, Conn.  
 Brill J. G. Co. (Also Register Cord), 62nd & Woodland av, Phila., Pa.  
 Creamer W. G. & Co., 96 John, New York  
 Dayton Mfg. Co., Dayton, Ohio

### 11729— Pulleys (Cast Iron)

*See also Machinery, Power Transmitting*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
**American Tool & Machine Co.**, (Up to 120 in. diameter), 10 High, Boston, Mass.  
 Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Bond Foundry & Machine Co., Manheim, Pa.  
 Brightman Machine Co., Cleveland, O.  
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.  
 Brown Clutch Co., Sandusky, O.  
 Buckeye Iron & Brass Works, Dayton, O.  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester, Buffalo, N. Y.  
*See adv index at end of book*  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Carey W. W. Co., Lowell, Mass.  
 Chain Belt Co., Milwaukee, Wis.  
 Christiana Machine Co., Christiana, Pa.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
**DODGE SALES & ENGINEERING CO.** (Standard Split), Mishawaka, Ind.  
 Dunning W. D., Syracuse, N. Y.  
 Eastwood Benj. Co., Paterson, N. J.  
 Fales & Jenks Machine Co., Pawtucket, R. I.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, O.  
 Fay J. A. & Egan Co., Cincinnati, O.  
 Filer Stowell Co., Milwaukee, Wis.  
 Fitchburg Foundry Co., Fitchburg, Mass.  
 Fulton Machine Co., Canal Fulton, O.  
 Galena Iron Works Corp., Galena, Ill.  
 Gillie Machine Co., Tonawanda, N. Y.  
 Goldens' Foundry & Machine Co., Columbus, Ga.  
 Great Western Mfg. Co., Leavenworth, Kans.  
 Hardie-Tynes Mfg. Co. (Heavy), Birmingham, Ala.  
 Henderson W. K. Iron Works & Supply Co., Shreveport, La.  
 Hess-Snyder Co., Massillon, O.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 Holyoke Machine Co., Holyoke, Mass.  
 Howard Iron Works, Buffalo, N. Y.  
 Humphrey Machine Co., Keene, N. H.  
 Hunt Rodney Machine Co., Orange, Mass.  
 Hunter Jas. Machine Co., North Adams, Mass.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
 Jones W. A. Foundry & Machine Co. (Machine Molded), 4401 W 12th, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Kaestner & Hecht Co., 500 Throop, Chicago, Ill.  
 Klotz Machine Co., Sandusky, O.  
 Lane Mfg. Co., Montpelier, Vt.  
 Lane & Bodley Co., Tenn av & Paddock rd, Cincinnati, O.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*



Marseilles Co., East Moline, Ill.  
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
 Meese & Gottfried Co., 660 Mission, San Francisco, Cal.  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Minster Machine Co., Minster, O.  
 Mobile Pulley & Machine Co., Mobile, Ala.  
 Nordeen H. G., Everett, Wash.  
 Nordyke & Marmon Co., 1290 Kentucky av., Indianapolis, Ind.  
 Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Pyott Co., 1401 W North av., Chicago, Ill.  
 Pyott Foundry Co., 328 N Sangamon, Chicago, Ill.  
 Rock Products Equipment Corp., 42 Church, New York. *See adv index at end of book*  
 Santa Fe Foundry Co., Richmond, Cal.  
 Schaefer Mfg. Co., Birmingham, Ala.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.  
 Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Southern Engine & Boiler Works, Jackson, Tenn.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Standard Pulley Co., 1734 Power, Cincinnati, O.  
 Stephens-Adamson Mfg. Co., Aurora, Ill.  
 Strait H. N. Mfg. Co., Kansas City, Kans.  
 Toledo Foundry & Machine Co., Toledo, O.  
 Union Iron Works, Decatur, Ill.  
 Union Machine Co., Worcester, Mass.  
 United Iron Works Co., Springfield, Mo.  
 Valley Iron Works, Williamsport, Pa.  
 Walker Mfg. Co., Denver, Colo.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av., Chicago, Ill.  
 Western Iron & Foundry Co., Wichita, Kans.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
 Wolf Co., Chambersburg, Pa.  
 Wood's T. B. Sons Co., Chambersburg, Pa.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

### 11730—Pulleys (Ceiling)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Penn Hardware Co., Reading, Pa.  
 Reading Hardware Co., Reading, Pa.  
 Stover Mfg. Co., Freeport, Ill.  
 Stowell Co., The, South Milwaukee, Wis.

### 11731—Pulleys (Clothes Line, Cast Iron)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Clough John H., Corry, Pa.  
 Fischer Bros. & Corwin, 238 South, Newark, N. J.  
 Gray Iron Foundry Co. (Galvanized), Reading, Pa.  
 Peck, Stow & Wilcox ("Knot Passing"), Southington, Conn.  
 Penn Hardware Co., Reading, Pa.  
 Reading Hardware Co., Reading, Pa.  
 Reading Saddle & Mfg. Co. ("Sure Grip"), Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. Co., Freeport, Ill.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

### 11732—Pulleys (Clothes Line, Steel)

New York Stamping Co. ("Acme" Stamped Steel, Porcelain Wheel), N 11th & Berry, Brooklyn, N. Y.

### 11733—Pulleys (Clothes Line, Wooden)

ESTES E. B. & SONS, 358 5th, New York  
*See adv index at end of book*  
 Richardi & Bechtold, Bellaire, Mich.  
 Seib Bros., 96 Boyd av, Jersey City, N. J.

### 11734—Pulleys (Cone)

Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
 Caldwell H. W. & Son Co., 17th & Western av., Chicago, Ill.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Dodge Sales & Engineering Co., Mishawaka, Ind.  
 Eastwood Benj. Co., Paterson, N. J.  
 Erie Clutch & Pulley Co., Erie, Pa.  
 Evans Friction Cone Co. (Countershaft, Variable Speed), Newton Center, Mass.  
 Hartford Machine Screw Co., Hartford, Conn.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 Holyoke Machine Co., Worcester, Mass.  
 Howard Iron Works, Buffalo, N. Y.  
 Lane Mfg. Co., Montpelier Vt.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Saginaw Mfg. Co., Saginaw, Mich.  
 Wolf Co., Chambersburg, Pa.  
 Wood's T. B. Sons Co. (Step Taper, etc), Chambersburg, Pa.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

### 11735-6—Pulleys (Cork Insert)

American Pulley Co., 4200 Wissahickon av., Phila., Pa.  
 Wood's T. B. Sons Co., Chambersburg, Pa.

### Pulleys (Electric Lamp)

*See Pulleys, Arc Lamp*

### 11737—Pulleys (Flanged)

American Pulley Co., 4200 Wissahickon av., Phila., Pa.  
 Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Bond Foundry & Machine Co., Manheim, Pa.  
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
 Caldwell H. W. & Son Co., 17th & Western av., Chicago, Ill.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Dodge Sales & Engineering Co., Mishawaka, Ind.  
 Eastwood Benj. Co., Paterson, N. J.  
 Erie Clutch & Machine Co., Cuyahoga Falls, Ohio  
 Erie Clutch & Pulley Co., Erie, Pa.  
 Golden's Foundry & Machine Co., Columbus, Ga.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 Holyoke Machine Co., Saginaw, Mich.  
 Howard Iron Works, Buffalo, N. Y.  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
 Jones & Laughlin Steel Co. (Machy), Ross, Pittsburgh, Pa.  
 LINK-BELT CO., 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Mobile Pulley & Machine Co., Mobile, Ala.  
 Nordyke & Marmon Co., 1290 Kentucky av., Indianapolis, Ind.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Saginaw Mfg. Co., Saginaw, Mich.  
 Union Iron Works, Decatur, Ill.  
 Webster Mfg. Co., Tiffin, O.  
 Wolf Co., Chambersburg, Pa.  
 Wood's T. B. Sons Co., Chambersburg, Pa.  
 Woonsocket Mach. & Press Co., Woonsocket, R. I.

### 11738—Pulleys (Friction Clutch)

*See also Clutches, Friction*

ALLIS-CHALMERS MFG. CO. ("A. C."), Milwaukee, Wis.  
*See adv index at end of book*  
 Atlanta Mfg. & Supply Co., Atlanta, Ga.  
 Bauroth Bros., Springfield, O.  
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
 Brown & Sharpe Mfg. Co. (Self-Oiling), Providence, R. I.  
 Caldwell H. W. & Son Co. ("Caldwell" Double Disc, Expansion, etc), 17th & Western av., Chicago, Ill.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Carrouthers & Flithian Clutch Co., Grove City, Pa.  
 Cedar Rapids Foundry & Machine Co., Cedar Rapids, Ia.  
 Chain Belt Co., Milwaukee, Wis.  
 Chamberlain Machine Works (For Cream, Separators), Waterloo, Ia.

Cleveland Clutch Co. ("Cleveland"), Cleveland, O.  
 Continental Fibre Co. (Fibre), Newark Centre, Del.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Detroit Standard Gear Co. ("Standard"), Detroit, Mich.  
 Diamond Iron Works, 2d & 18th av, N, Minneapolis, Minn.  
 DODGE SALES & ENGINEERING CO. (Solid & Split), Mishawaka, Ind.  
 Eastern Machinery Co., New Haven, Conn.  
 Edgemont Machine Co., Dayton, O.  
 Erie Clutch & Pulley Co. ("Standard"), Erie, Pa.  
 Fairbanks, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, O.  
 Garland M. Co. (Clutch), Bay City, Mich.  
 Great Western Mfg. Co., Leavenworth, Kans.  
 Havana Mig. Co. (Double Grip), Havana, Ill.  
 Hess, Snyder Co., Massillon, O.  
 HILL CLUTCH Co. (Solid & Split), 1000 W 59th, Cleveland, O.  
 Holyoke Machine Co., Worcester, Mass.  
 Howard Iron Works, Buffalo, N. Y.  
 Hunt Rodney Machine Co., Orange, Mass.  
 Hunter Jas. Machine Co., North Adams, Mass.  
 Hydraulic Press Mfg. Co., Mount Gilead, Ohio  
 JEFFREY MFG. CO., 961 N Fourth, Columbus, O.  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
 Lasure Friction Clutch Pulley Co., Madison, Wis.  
 LINK-BELT CO. ("Ewart & Disk"), 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*  
 McMahon & Co., Worcester, Mass.  
 Mason Volney W. & Co., 2 Lafayette, Providence, R. I.  
 Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Minster Machine Co. ("Herken" for Gas Engines), Minster, O.  
 Mobile Pulley & Machine Co., Mobile, Ala.  
 Moore-Master Mfg. Co., 320 W Grand av., Chicago, Ill.  
 Moore & White Co., N 15th & Lehigh av, Phila., Pa.  
 Mutual Mfg. Co. ("Lasure"), Rudd, Ia.  
 O. K. Clutch & Machinery Co. ("O. K."), Columbia, Pa.  
 Oesterlein Machine Co., Cincinnati, O.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Pusey & Jones Co., ft. Poplar, Wilmington, Del.  
 Pyott Co., 1401 W North av., Chicago, Ill.  
 St. Marys Machine Works ("St. Marys"), St. Marys, O.  
 Sandy Hill Iron & Brass Works ("Her-cules"), Hudson Falls, N. Y.  
 Sellers Wm. & Co., 1600 Hamilton, Phila., Pa.  
 Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.  
 Skillin & Richards Mfg. Co. ("Muir's"), 4520 Cortland, Chicago, Ill.  
 Sly W. W. Mfg. Co., Cleveland, O.  
 Standard Pulley Co. (Countershafts), 1734 Power, Cincinnati, O.  
 Stephens-Adamson Mfg. Co. ("S-A" Steel Plate), Aurora, Ill.  
 Union Iron Works, Decatur, Ill.  
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.  
 Walker Mfg. Co. (Patent Balanced), Denver, Colo.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Engineering Co., Elyria, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.  
 Wellman-Seaver-Morgan Co., Cleveland, O.  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.  
 Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.  
 Wolf Co., Chambersburg, Pa.  
 Wood's T. B. Sons Co., Chambersburg, Pa.  
 Yocom Jas. & Son, 145 N 2d, Phila., Pa.



**11739— Pulleys (Galvanized)**

Laughlin Thomas Co., Portland, Me.

**11740— Pulleys (Governor)**Brownwall Engine & Pulley Co. ("Par-ker"), Lansing, Mich.  
Iowa Steel & Iron Works, Cedar Rapids, Iowa**11741— Pulleys (Grooved)**Boston Gear Works (Brass & Cast Iron), Norfolk Downs, Quincy, Mass.  
Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book***CLYDE IRON WORKS**, Duluth, Minn.*See adv index at end of book*Eastwood Benj. Co., Paterson, N. J.  
Erie Clutch & Pulley Co., Erie, Pa.  
Hill Clutch Co., 1000 W 58th, Cleveland, O.  
Howard Iron Works, Buffalo, N. Y.  
Hunter James Machine Co., N Adams, Mass.**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.*See adv index at end of book*

Leschen A. &amp; Sons Rope Co., 920 N 1st, St. Louis, Mo.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.*See adv index at end of book*

Saginaw Mfg. Co., Saginaw, Mich.

**11742— Pulleys (Guide)**

Brown A. &amp; F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.

Caldwell H. W. &amp; Son Co., 17th &amp; Western av, Chicago, Ill.

Cresson-Morris Co., Allegheny &amp; 18th, Phila., Pa.

Dodge Sales &amp; Engineering Co., Mishawaka, Ind.

Falls Clutch &amp; Machinery Co., Cuyahoga Falls, O.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Howard Iron Works, Buffalo, N. Y.

Hunter Jas. Machine Co., North Adams, Mass.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.*See adv index at end of book*

Poole Engineering &amp; Machine Co., Woodberry Station, Baltimore, Md.

Toledo Foundry &amp; Machine Co., Toledo, O.

Webster Mfg. Co., Tiffin, O.

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co., Chambersburg, Pa.

**11743— Pulleys (Hay Fork)**

American Foundry &amp; Mfg. Co., 11th &amp; Herbert, St. Louis, Mo.

Cheney S. &amp; Son (Scoville's), Manlius, N. Y.

Cleveland Block Co., 1173 W 11th, Cleveland, O.

Colebrookdale Iron Co., Pottstown, Pa.

Goshen Mfg. Co., Goshen, Ind.

Hunt, Helm, Ferris &amp; Co. (Star), "O K.," "Peerless", Harvard, Ill.

Kupferle Jno. C. Foundry Co. (Iron &amp; Wood), 1st &amp; Wright, St. Louis, Mo.

Louden Machinery Co. ("Louden"), Fairfield, Ia.

Mason F. C. &amp; Co., St. Johns, Mich.

Milwaukee Hay Tool Co. ("Milwaukee"), Layton Park, Milwaukee, Wis.

**MYERS F. E. & BRO.** ("Myers O. K.," "Myers," "Reed," "Sure Grip" & "Faultless," also "Myers Universal" Reversible & "Myers" Self-Locking Sling Pulleys), 800 Orange, Ashland, O.*See adv index at end of book*

Ney Mfg. Co., Canton, O.

Ney V. L. Co., Canton, O.

Peck, Stow &amp; Wilcox Co., Southington, Conn.

Penn Hardware Co., Reading, Pa.

Phillips &amp; Buttorff Mfg. Co., Nashville, Tenn.

Porter J. E. Co. ("Porter," "Self-Locking Sling," "Sling-Binding"), Ottawa, Ill.

Reading Hardware Co., Reading, Pa.

Ricker Mfg. Co., Rochester, N. Y.

St. Marys Machine Works (Clutch), St. Marys, O.

South Bend Foundry Co., South Bend, Ind.

Stowell Co., The, ("Stowell," Anti-Friction &amp; Common), South Milwaukee, Wis.

Strickler Hay Tool Co. ("Strickler"), Janesville, Wis.

Susquehanna Casting Co., Wrightsville, Pa.

Sweet A. L. Iron Works, Medina, N. Y.

Swineford G. A. Co., Canton, O.

Syracuse Chilled Plow Co., Syracuse, N. Y.

Weller Hardware &amp; Foundry Co., Horseheads, N. Y.

Wrightsville Hardware Co., Wrightsville, Pa.

**11744— Pulleys (Iron Split)**

Badger Gas &amp; Gasoline Engine Co., Kansas City, Kans.

Bond Foundry &amp; Machine Co., Manheim, Pa.

Brown A. &amp; F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.

Caldwell H. W. &amp; Son Co. (Finished), 17th &amp; Western av, Chicago, Ill.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Chain Belt Co., Milwaukee, Wis.

Eastwood Benj. Co., Paterson, N. J.

Fairbanks, Morse &amp; Co., 900 S Wabash av, Chicago, Ill.

Golden's Foundry &amp; Machine Co., Columbus, Ga.

Henderson W. K. Iron Works &amp; Supply Co., Shreveport, La.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Holyoke Machine Co., Worcester, Mass.

Howard Iron Works, Buffalo, N. Y.

Hunter James Machine Co., N Adams, Mass.

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.*See adv index at end of book***LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.*See adv index at end of book*

Minneapolis Steel &amp; Machinery Co., 29th &amp; Drexel, Minneapolis, Minn.

Mobile Pulley &amp; Machine Co., Mobile, Ala.

Nurdyke &amp; Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Poole Engineering &amp; Machine Co., Woodberry Station, Baltimore, Md.

Rock Products Equipment Corp., 42 Church, New York

*See adv index at end of book*

Salem Foundry &amp; Machine Works, Salem, Va.

Standard Pulley Co., 1734 Power, Cincinnati, O.

Union Iron Works, Decatur, Ill.

Valley Iron Works, Williamsport, Pa.

Webster Mfg. Co., Tiffin, O.

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co., Chambersburg, Pa.

**11745—Pulleys (Leather Rim)**

Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.

**11746— Pulleys (Loose)**

American Pulleys Co., 4200 Wissahickon av, Phila., Pa.

Atlanta Mfg. &amp; Supply Co., Atlanta, Ga.

Bond Foundry &amp; Machine Co., Manheim, Pa.

Brown A. F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.

Caldwell H. W. &amp; Son Co., 17th &amp; Western av, Chicago, Ill.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Chain Belt Co., Milwaukee, Wis.

Cleveland Clutch Co. ("Hall" Self Oiling), Cleveland, Ohio

Dodge Sales &amp; Engineering Co., Mishawaka, Ind.

Eastwood Benj. Co., Paterson, N. J.

Erie Clutch &amp; Pulley Co., Erie, Pa.

Golden's Foundry &amp; Machine Co., Columbus, Ga.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Holyoke Machine Co., Worcester, Mass.

Howard Iron Works, Buffalo, N. Y.

Hunter James Machine Co., N Adams, Mass.

Jones W. A. Foundry &amp; Machine Co. (Ring Oiling), 4401 W 12th, Chicago, Ill.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.*See adv index at end of book*

McMaster-Carr Supply Co. ("Maymont," Self-Oiling), 174 N Market, Chicago, Ill.

Metaline Co. (Oilless Bearing), 4 West av, Long Island City, N. Y.

Minneapolis Steel &amp; Machinery Co., 29th &amp; Drexel, Minneapolis, Minn.

Nurdyke &amp; Marmon Co. (Also Tight), 1290 Kentucky av, Indianapolis, Ind.

Saginaw Mfg. Co., Saginaw, Mich.

Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.

Union Iron Works, Decatur, Ill.

Valley Iron Works, Williamsport, Pa.

Walker Mfg. Co., Denver, Colo.

Webster Mfg. Co., Tiffin, O.

Wilmarth &amp; Morman Co. ("Nelson"), 1151 Monroe av N W, Grand Rapids, Mich.

Wolf Co., Chambersburg, Pa.

Wood's T. B. Sons Co. (Also Light), Chambersburg, Pa.

**11747—Pulleys (Machine Moulded)**

Bond Foundry &amp; Machine Co., Manheim, Pa.

Brown A. &amp; F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.

Caldwell H. W. &amp; Son Co., 17th &amp; Western av, Chicago, Ill.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Chain Belt Co., Milwaukee, Wis.

Covel Mfg. Co., Benton Harbor, Mich.

Delano E. A. Co., 1401 W North, Chicago, Ill.

**DODGE SALES & ENGINEERING CO.** (For any service), Mishawaka, Ind.

Goldens' Foundry &amp; Machine Co., Columbus, Ga.

Great Western Mfg. Co., Leavenworth, Kans.

Hill Clutch Co., 1000 W 58th, Cleveland, O.

Holyoke Machine Co., Worcester, Mass.

Howard Iron Works, Buffalo, N. Y.

**JEFFREY MFG CO.**, 961 N Fourth, Columbus, O.

Jones W. A. Foundry &amp; Machine Co., 4401 W 12th, Chicago, Ill.

Jones &amp; Laughlin Steel Co., Ross, Pittsburgh, Pa.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.*See adv index at end of book*

McLagon Foundry Co., New Haven, Conn.

Nurdyke &amp; Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

Standard Pulley Co., 1734 Power, Cincinnati, O.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Union Iron Wks., Decatur, Ill.

Walker Mfg. Co., Denver, Colo.

Webster Mfg. Co., Tiffin, O.

**11748— Pulleys (Paper)**

Rockwood Mfg. Co. ("American"), 1801 English av, Indianapolis, Ind.

**11748a— Pulleys (Plow)**

Fraser &amp; Jones, Syracuse, N. Y.

Stowell Co., The, So. Milwaukee, Wis.

**11749—Pulleys (Pressed Steel)**

American Pulley Co. (Split), 4200 Wissahickon av, Phila., Pa.

Barry Co., Muscatine, Ia.

Phillips Pressed Steel Pulley Works, Nelmoor Station, Phila., Pa.

Worcester Pressed Steel Co. (Flat, Crown Face &amp; Split), Worcester, Mass.

**11750— Pulleys (Sash)**

American Foundry &amp; Mfg. Co., 11th &amp; Herbert, St. Louis, Mo.

American Pulley Co. (Pressed Metal), 4200 Wissahickon av, Phila., Pa.

Austin &amp; Eddy, 117 Broad, Boston, Mass.

Chantrell Hardware &amp; Tool Co., Reading, Pa.

Clarkson Mfg. Co. (Ball Bearing), Lancaster &amp; Dallas, Baltimore, Md.

Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.

Columbian Hardware Co., Cleveland, O.

Corbin P. &amp; F., New Britain, Conn.

Enterprise Foundry Co. (Ltd.), Nixon &amp; Manhattan, Pittsburgh, Pa.

Gardner Sash Pulley Co. (Ball Bearing), 15 W Jefferson, Chicago, Ill.

Grand Rapids Hardware Co. ("Grand Rapids" All Steel Ball Bearing), Grand Rapids, Mich.

Grant Pulley &amp; Hardware Co. ("Grant" Overhead &amp; "American" Steel), 10 Park av, New York



Johnston & Sharp Mfg. Co. ("Ottumwa" Ball Bearing Steel), Ottumwa, Ia.  
 Kline Hardware Co., Allentown, Pa.  
 McDonough Mfg. Co., Eau Claire, Wis.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hardware Co. ("Penn-Titian," "Penn-Vulcan," "Penn-Spartan"), Reading, Pa.  
 Reading Hdw. Co. (Ball & Roller Bearing), Reading, Pa.  
 Riverside Foundry Co., Wrightsville, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Seidel Mfg. Co. ("Seidel" Noiseless), Boatmen's Bank bldg, St. Louis, Mo.  
 Sloan Frank B. & Co. ("Norris," etc.), 516 W Baltimore, Baltimore, Md.  
 Smith Frank E. Metal Window Hardware Co. ("Smith," Overhead), 81 Clay, Newark, N. J.  
 Smith & Egge Mfg. Co., Bridgeport, Conn.  
 Stover Mfg. Co. ("Ideal"), Freeport, Ill.

### 11751—Pulleys (Screw)

Judd H. L. Co., 87 Chambers, New York  
 Ney Mfg. Co., Canton, O.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hardware Co., Reading, Pa.  
 Reading Hardware Co., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. Co., Freeport, Ill.  
 Wrightsville Hardware Co., Wrightsville, Pa.

### 11752—Pulleys (Self-Oiling)

Brown A. & F. Co., 79 Barclay, New York  
 Works: Elizabethport, N. J.  
 Brown Engineering Co. ("Brown"), 100 N 3rd, Reading, Pa.  
*See adv index at end of book*  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Cleveland Clutch Co. ("Hall" Loose), Cleveland, O.  
 Holyoke Machine Co., Worcester, Mass.  
 Howard Iron Works, Buffalo, N. Y.  
 Luther B. G. Co., Worcester, Mass.  
 McMaster-Carr Supply Co. ("Maymont" Loose), 174 N Market, Chicago, Ill.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Walker Mfg. Co., Denver, Colo.  
 Wilmarth & Morman Co., 1151 Monroe av, N W, Grand Rapids, Mich.  
 Wrightsville Hdw. Co. ("Niagara," "Star," "Acme," "Gem" & "Empire" for Auger Mortises), Wrightsville, Pa.

### 11753—Pulleys (Show Case)

Gardner Sash Pulley Co. (Ball Bearing), 15 N Jefferson, Chicago, Ill.  
 Grant Pulley & Hardware Co., 101 Park av, New York  
 Penn Hardware Co., Reading, Pa.

### Pulleys (Sleet Proof)

*See Pulleys, Arc Lamp*

### Pulleys (Speed Changing)

*See Variable Speed Transmission*

### 11753a—\*Pulleys (Steel Split)

**DODGE SALES & ENGINEERING CO.**  
 ("Oneida," "Keystone"), Oneida, N. Y.

### 11754—Pulleys (Wall Case)

Reflector & Hardware Specialty Mfg. Co. (Also Wall Case Door), 2235 S Western av, Chicago, Ill.

### Pulleys (Well)

*See Wheels, Well*

### 11755—Pulleys (Wire Tightening)

Smith Otis A. (Pulley & Eccentric Clamp Attached for Wire Fence & Telephone Wire, etc), Rockfall, Conn.

### 11755a—\*Pulleys (Wood)

Estes E. B. & Sons (Small), 358 5th av, New York  
*See adv index at end of book*

### 11756—Pulleys (Wood Rim)

Carey W. W. Co., Lowell, Mass.  
**DODGE SALES & ENGINEERING CO.**  
 (Iron Centre for Heavy Duty), Mishawaka, Ind.  
 Erie Clutch & Pulley Co., Erie, Pa.  
 Lane Mfg. Co., Montpelier, Vt.  
 Saginaw Mfg. Co., Saginaw, Mich.

### 11757—Pulleys (Wood Split)

Bradford Belting Co. ("Monarch"), Cincinnati, O.  
 Burlingame A. Co., Worcester, Mass.  
 Detroit Wood Pulley Co., Detroit, Mich.  
**DODGE SALES & ENGINEERING CO.**  
 ("Independence," "The Dodge Pulley," Balanced), Mishawaka, Ind.  
 Eclipse Wood Pulley Co., Berlin, Pa.  
 Erie Clutch & Pulley Co. ("Tornado"), Erie, Pa.  
 Excelsior Pulley Co. ("Excelsior"), Cuba, N. Y.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Forster John M. Co., Rochester, N. Y.  
**JEFFREY MFG. CO.**, 961 N Fourth, Calumet, O.  
*See adv index at end of book*  
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
 Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.  
 Ohio Valley Pulley Works (Limestone), Maysville, Ky.  
 Oneida Wood Pulley Co. ("Oneida"), Oneida, N. Y.  
 Portland Pulley Co., Portland, Ore.  
 Reading Wood Pulley Co. (Wood Rim & Wood Centre & Wood Rim & Iron Centre), Reading, Pa.  
 Reeves Pulley Co., Columbus, Ind.  
 Roanoke Iron Works, Roanoke, Va.  
 Saginaw Mfg. Co. ("Gilbert"), Saginaw, Mich.  
 Salem Foundry & Machine Works, Salem, Va.  
 Strong, Carlisle & Hammond Co. ("Reeves"), 336-344 Frankfort av, N W, Cleveland, O.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

### 11758—Pulleys (Wrought Steel)

American Pulley Co. ("American" Whole Steel), 4200 Wissahickon av, Phila., Pa.  
 Caldwell H W. & Son Co. (Split), 17th & Western av, Chicago, Ill.  
 Dick R. & J. Ltd. ("Barry Steel Split Pulley"), Passaic, N. J.  
 Medart Patent Pulley Co. (Steel Rim), 3500 De Kalb, St. Louis, Mo.  
 Meese & Gottfried Co. (Steel Rim), 660 Mission, San Francisco, Cal.  
 Strong, Carlisle & Hammond Co. ("American"), 336-344 Frankfort av, N W, Cleveland, O.

### 11759—Pulls (Box)

Berbercker & Rowland Mfg. Co. (Brass), Waterville, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.

### 11760—Pulls (Closet)

American Brass & Copper Co., 138 Lafayette, New York  
 Bernz Otto (Crystal Glass, Cut Glass, Opaque & Wood), 21 Ashland av, Newark, N. J.  
 Boekel Wm. & Co., 518 Vine, Phila., Pa.  
 Bogert & Hopper (Wooden), 67 Barclay, New York  
 Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.  
 Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.  
 du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York  
**ESTES E. B. & SONS** (Wooden), 358 5th av, New York  
*See adv index at end of book*  
 Frost Mfg. Co., Kenosha, Wis.  
 Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.

Ireland & Matthews Mfg. Co. (Metal), Detroit, Mich.  
 Kupferle J. C. Foundry Co., 1st & Wright, St. Louis, Mo.  
 Lipp Louis Co., Mitchell av & B. & O. Ry, Cincinnati, O.  
 Maddock John & Sons (Porcelain), Trenton, N. J.  
 Meyer-Sniffen Co., 11 W 36th, New York  
 Mott J. L. Iron Works (Porcelain), 118 5th av, New York  
 Russell J. M. Mfg. Co., Naugatuck, Conn.  
 Sillocks-Miller Co. ("Celluvarno"), South Orange, N. J.  
 Smith & Egge Mfg. Co. (Wood), Bridgeport, Conn.  
 Stratton Mfg. Co., Stratton, Me.  
 Trenton Potteries Co. (Porcelain), Trenton, N. J.  
 Wolverine Brass Works, Grand Rapids, Mich.

### 11761—Pulls (Door)

Allith-Prouty Co. ("Prouty"), Danville, Ill.  
 Arcade Mfg. Co., Freeport, Ill.  
 Aurora Door Hanger & Specialty Co., Aurora, Ill.  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.  
 Brey & Krause Mfg. Co., Allentown, Pa.  
 Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Champion Hardware Co. ("Champion"), Geneva, O.  
 Chicago Spring Butt Co., 334 Union Pk. Ct., Chicago, Ill.  
 Columbian Hardware Co. ("Columbian" & "Gem"), Cleveland, O.  
 Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*  
 Corbin P. & F., New Britain, Conn.  
 Dent Hardware Co., Fullerton, Pa.  
 Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*  
 Frantz Mfg. Co., Sterling, Ill.  
 Grey Iron Casting Co. (Plain & Fancy), Mt. Joy, Pa.  
 Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned), St. Louis, Mo.  
 Hunt, Helm & Ferris & Co., Harvard, Ill.  
 Ives H. B. Co., New Haven, Conn.  
 Jencks E. Mfg. Co., Worcester, Mass.  
 Kohler F. E. Co. (Steel), Canton, O.  
 Lawrence Bros., Sterling, Ill.  
 Morgan Spring Co., Worcester, Mass.  
 National Mfg. Co. (All Steel), Sterling, Ill.  
 Norwalk Lock Co., South Norwalk, Conn.  
 Pacific Hardware Mfg. Co., Los Angeles, Cal.  
 Parker Wire Goods Co., Worcester, Mass.  
 Payson Mfg. Co., 2918 W Jackson Blvd, Chicago, Ill.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hardware Co., Reading, Pa.  
 Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.  
 Phoenix Lock Works, 3d av, Newark, N. J.  
 Reading Hardware Co., Reading, Pa.  
 Richards Benj. & Co., Winsted, Conn.  
 Richards-Wilcox Mfg. Co. ("Richards" Steel Flush & Handle), 3d & Q. Aurora, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Safe Padlock & Hardware Co., Lancaster, Pa.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co. (All Steel Door & Cabinet), Sharon, Pa.  
 Shelby Spring Hinge Co. (Steel), Shelby, Ohio  
**STANLEY WORKS** (also Garage Door, Wrought Steel), New Britain, Conn.  
*See adv index at end of book*  
 Stover Mfg. Co. (Also Barn Door), Freeport, Ill.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Taylor & Boggis Foundry Co., Cleveland, Ohio  
 Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.  
 Weller Hardware & Foundry Co., Horseheads, N. Y.  
 Western Brass Mfg. Works (Cast Brass or Bronze), Marshall Blvd & W 21st, Chicago, Ill.  
 Wire Goods Co., Worcester, Mass.  
 Yale & Towne Mfg. Co., 9 E 40th, New York



**11762— Pulls (Drawer)**

Ajax Hardware Mfg. Co., 1100 Military rd, Buffalo, N. Y.  
 Allith-Prouty Co. ("Prouty"), Danville, Ill.  
 American Ring Co., Waterbury, Conn.  
 Arcade Mfg. Co., Freeport, Ill.  
 Berbecker & Rowland Mfg. Co. (Cast & Wrought Brass Ring, Drop), Waterbury, Conn.  
 Bradley & Farnham, Middlefield, Conn.  
 Brainerd Mfg. Co., East Rochester, N. Y.  
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.  
 Brooks M. S. & Sons, Chester, Conn.  
 Champion Hardware Co. ("Champion"), Geneva, O.  
 Chantrell Hardware & Tool Co., Reading, Pa.  
 Clark W. J. Co., Salem, O.  
 Columbian Hardware Co., Cleveland, O.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Corbin P. & Y., New Britain, Conn.  
 Dent Hardware Co. (Plain, Ornamental, Escutcheons & Druggists', etc), Fullerton, Pa.  
 Eagle Lock Co., Terryville, Conn.  
 Ellis Mfg. Co., Milldale, Conn.  
 Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*  
 Foster, Merriam & Co., Meriden, Conn.  
 Frantz Mfg. Co., Sterling, Ill.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grand Rapids Brass Co., Grand Rapids, Mich.  
 Grand Rapids Hdwe. Co., Grand Rapids, Mich.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Griffin Mfg. Co., Erie, Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Hardware Supply Co., Grand Rapids, Mich.  
 Harry Bros. Mfg. Co. (Polished Brass), 282 Woodbridge E, Detroit, Mich.  
 Ideal Tool & Specialty Co. (Pressed Brass, Steel, etc), 5211 Prospect av, Cleveland, O.  
 Illinois Glass Co., Alton, Ill.  
 Ives H. B. Co., New Haven, Conn.  
 Jencks E. Mfg. Co., Worcester, Mass.  
 Keeler Brass Co., Grand Rapids, Mich.  
 Lawrence Bros. (Steel), Sterling, Ill.  
 McKinney Mfg. Co. (Pressed Steel), N S, Pittsburgh, Pa.  
 Morgan Spring Co., Worcester, Mass.  
 National Brass Mfg Co. (Metal), Cincinnati, Ohio  
 National Lock Co. (Or Furniture), Rockford, Ill.  
 National Mfg. Co. (Pressed Steel or Brass), Sterling, Ill.  
 Parker Wire Goods Co., Worcester, Mass.  
 Payson Mfg. Co., 2918 W Jackson blvd, Chicago, Ill.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penna Hardware Co., Reading, Pa.  
 Phoenix Lock Works, 3d av, Newark, N. J.  
 Reading Hardware Co., Reading, Pa.  
 Reflector & Hardware Specialty Mfg. Co. (Brass & Wrought, etc, Flush, Finger & Label), 2235 S Western av, Chicago, Ill.  
 Richards Benj. & Co., Winsted, Conn.  
 Rowe Henry Mfg. Co., Newaygo, Mich.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co. (All Steel), Sharon, Pa.  
 Shelby Spring Hinge Co. (Steel, Bronze or Brass Metal, Polished), Shelby, O.  
 Standard Mfg. Co., Shelby, O.  
**STANLEY WORKS**, New Britain, Conn.  
*See adv index at end of book*  
 Stephenson Mfg. Co. (Wood), South Bend, Ind.  
**STILES H. A. & CO.**, 93-97 Oliver, Boston, Mass. *See adv index at end of book*  
 Stover Mfg. Co., Freeport, Ill.  
 Taylor & Boggis Foundry Co. (Drop), Cleveland, O.  
 Weber-Knapp Co., Jamestown, N. Y.  
 Western Brass Mfg. Works (Cast Brass or Bronze), Marshall blvd & W 21st, Chicago, Ill.  
 Wire Goods Co., Worcester, Mass.  
 Wrightsville Hardware Co., Wrightsville, Pa.  
**Yale & Towne Mfg. Co.**, 9 E 40th, New York

**11763—Pulls (Drawer & Wall Case, Glass Bar)**

Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.

**11764— Pulls (Screen Door)**

American Ring Co., Waterbury, Conn.  
 Brooks M. S. & Sons (Also Ring Shade Pulls), Chester, Conn.  
 Columbian Hardware Co., Cleveland, O.  
 Corbin P. & F., New Britain, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hunt, Helen, Ferris & Co. ("Star," "Handy"), Harvard, Ill.  
 Ives H. B. Co., New Haven, Conn.  
 Kohler F. E. & Co., Canton, O.  
 Penn Hardware Co., Reading, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
**STANLEY WORKS**, New Britain, Conn.  
*See adv index at end of book*  
 Stover Mfg. Co., Freeport, Ill.

**Pulls (Tank)**

*See Pulls, Closet*

**11765— Pulp (Soda Wood)**

Champion Fibre Co., Canton, N. C.

**11765a—Pulp (Sulphite Wood)**

Champion Fibre Co., Canton, N. C.

**11766— Pulpit & Altar Rails**

Columbus Brass Co., 538 Dublin av, Columbus, O.  
*See adv index at end of book*  
 Crescent Art Metal Co., Bridgeton, N. J.  
 Hyde-Murphy Co., Ridgway, Pa.  
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
**NEWMAN MFG. CO.**, 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

**11767— Pulsometers (Acid)**

Sittig J. W. (Imp), 5 Beekman, New York

**11767a—\*Pulverized Coal Burning Equipment**

Amsler Walter O. ("Amsler"), Wabash bldg, Pittsburgh, Pa.

**Pulverizers**

*See Crushers, various kinds; also Pulverizing Machinery; also Mills, Grinding*

**11768—\*Pulverizers (Cement)**

*See also Cement Machinery*

**ABBE ENGINEERING CO.**, 220 Broadway, New York

*See adv index at end of book*

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.

*See adv index at end of book*

Rock Products Equipment Corp., 42 Church, New York

*See adv index at end of book*

**11769— Pulverizers (Clay)**

*See also Crushers, Clay*

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

American Pulverizer Co., East St. Louis, Ill.

**CROSSLEY MACHINE CO.**, State & Chestnut av, Trenton, N. J.

*See adv index at end of book*

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

Lehigh Car Wheel & Axle Works, Cata-sauqua, Pa.

Mead & Co., Detroit, Mich.

Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

United Iron Works Co., Springfield, Mo.

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

**11770— Pulverizers (Coal)**

*See also Crushers, Coal & Coke*

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

Lehigh Car Wheel & Axle Works, Cata-sauqua, Pa.

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

Mead & Co., Detroit, Mich.

Rock Products Equipment Corp., 42 Church, New York

*See adv index at end of book*

Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

United Iron Works Co., Springfield, Mo.

Webster Mfg. Co., Tiffin, O.

**11771— Pulverizers (Disc)**

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Denver Fire Clay Co., Denver, Colo.

Iler Co., 694 E 82d, Cleveland, O.

Mead & Co., Detroit, Mich.

**11772— Pulverizers (Emery)**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

**11773—Pulverizers (Laboratory)**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

Fulton Drop Forge Co., Canal, Fulton, O.

**11774—\*Pulverizers (Lime Pulver for Limestone)**

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

**11775 —Pulverizers (Soil)**

Dunham Co., Berea, O.

Hayton Pump Co., Quincy, Ill.

**11776— Pulverizers (Stone)**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

Acme Road Machinery Co. (Limestone), Frankfort, N. Y.

American Pulverizer Co., 32d & Ridge, East St. Louis, Ill.

Beach-Russ Co., 220 B'way, New York

*See adv index at end of book*

Hardinge Conical Mill Co. ("Hardinge"), 120 B'way, New York

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

New Holland Machine Co. (Limestone), New Holland, Pa.

Pennsylvania Crusher Co. ("Pennsylvania," Hammer Crusher), Stephen Girard bldg, Phila, Pa.

Raymond Bros. Impact Pulverizer Co. ("Raymond"), 1319 North Branch, Chicago, Ill.

Stroud E. H. & Co., 928-934 Fullerton av, Chicago, Ill.

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

**11777— Pulverizers (Sugar)**

**ABBE ENGINEERING CO.**, 220 B'way, New York *See adv index at end of book*

**MEAD & CO.**, 19th & M C R R, Detroit, Mich.

Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

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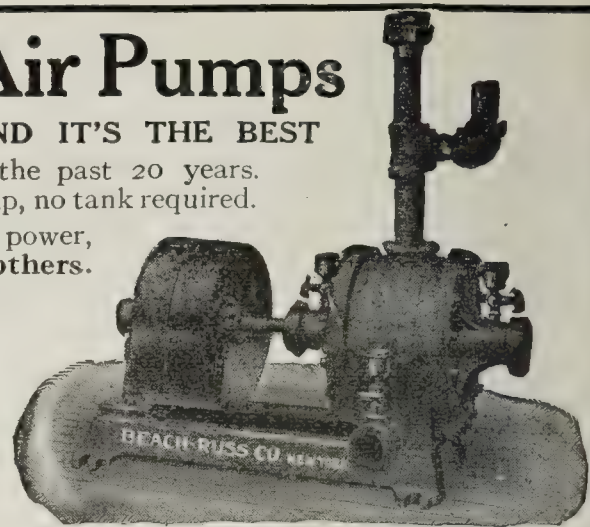
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**BEACH-RUSS CO.,** 220 Broadway, N. Y.



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Behrend F., 54 Front, New York  
Carbondale Sponge Co., 220 B'way, New York

**CHRYSTAL CHARLES B.** (Powdered, Lump & Brick), 13 Cliff, New York  
*See adv index at end of book*

Doggett Stanley (Imp.), 11 Cliff, New York  
Fuerst Bros. & Co. (Imp.), 2 Stone, New York

Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

Harrison Supply Co. (Selected Lump), 5 Dorchester av, Boston, Mass.

Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.

New England Quartz Co. of N. Y., 107 William, New York

Penn-Keystone Co., 21 E 42d, New York

Rhodes Jas. H. & Co. (Grinders of Italian), 157 W Austin av, Chicago, Ill.

Thurston F. W. Co. (Powdered & Lump), 1832 S Clark, Chicago, Ill.

Van Amringe Theo. & Son, 81 Fulton, New York

Waddell R. J. & Co., 52 Beekman, New York

Wiarda Jno. C. & Co., 273 Greene, Brooklyn, N. Y.

## Pump Starters (Automatic)

*See Self Starters*

## 11782—Pump & Engine (Combined)

Channon Jas. H. Mfg. Co. (For Contractors, Railroads, etc), 227 W Erie, Chicago, Ill.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

## Pumping Machinery

*See Machinery, Pumping; also Pumps, Various Kinds*

## 11783—\*Pumping Outfits (All Kinds)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

## 11784—Pumping Outfits (Horse Power)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

Humphreys Mfg. Co., Mansfield, O.

**MYERS F. E. & BRO.**, 800 Orange, Ashland, O. *See adv index at end of book*

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

U. S. Wind Engine & Pump Co., Batavia, Ill.

## 11785—Pumping Outfits (Odorless)

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Noble H. A. Co. ("National"), 305 N 2d, Phila., Pa.

## 11786—Pumping Systems (Fuel Oil)

Metals Production Equipment Co., Springfield, Mass.

Wilgus Mfg. Co. ("Wilgus" for Steam Plants), Los Angeles, Cal.

## 11787—\*Pumping Systems (Return Air)

**INGERSOLL-RAND CO.** (Air Lift), 11 B'way, New York

*See adv index at end of book*

## 11788—Pumping Units

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Moore Samuel L. & Sons (Pump & Oil Engine Combined), Elizabeth, N. J.

## 11789—Pumps (Acid)

Abbe Engineering Co., 220 B'way, New York *See adv index at end of book*

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

American Well Works, Aurora, Ill.  
*See adv index at end of book*

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

Buffalo Steam Pump Co., Buffalo, N. Y.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York

De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.

*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

Devine J. P. Co., Buffalo, N. Y.

D'Olier Centrifugal Pump & Machine Co., Phila., Pa.

Duriron Castings Co. ("Duriron" Acid Proof), 90 West, New York

Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.

Foster Pump Works, 36 Bridge, Brooklyn, N. Y.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.

*See adv index at end of book*

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.

Merritt Hydraulics Co., 110 N Broad, Phila., Pa.

Morris Machine Works, Baldwinsville, N. Y.

Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

National Foundry & Machine Co., Louisville, Ky.

National Transit Pump & Machine Co., Oil City, Pa.

*See adv index at end of book*

Process Engineering Co., Phila., Pa.  
**SCHUTTE & KOERTING CO.**, 1251 N 12th, Phila., Pa.

Union Steam Pump Co., Battle Creek, Mich.

Wagner Steam Pump Co., Canton, O.

Worthington Pump & Machy. Corp., 115 B'way, New York

## 11790—Pumps (Acid, Hard Rubber)

American Hard Rubber Co. (& Pines & Fittings), 9 Mercer, New York

## 11791—\*Pumps (Acid Metal)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York

*See adv index at end of book*

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.

*See adv index at end of book*

**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.

*See adv index at end of book*

## 11791a—\*Pumps (Acid Proof)

**CHEMICAL PUMP & VALVE CO.**, THE (Pumps & Valves Made of All Kinds of Acid Resisting Material), 327 Gifford, Perth Amboy, N. J.

## 11792—Pumps (Air)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

**ALLIS-CHALMERS MFG. CO.** (Steam Power), Milwaukee, Wis.

*See adv index at end of book*

American Electric Air Pump Co. (Electric), Penn & Barbeau, Pittsburgh, Pa.

American Steam Pump Co., Battle Creek, Mich.

Asbell S. J. Co. (Hand), Paterson, N. J.

Automatic Electric Pump Co., Davenport, Ia.

**BEACH-RUSS CO.** (For Agitating), 220 B'way, New York

*See adv index at end of book*

Bishop-Babcock-Becker Co. (Hand & Electric Automatic), Cleveland, O.

Black & Decker Mfg. Co., 111 So. Calvert, Baltimore, Md.

Blakeslee Mfg. Co., Du Quoin, Ill.

Bridgeport Brass Co. ("Bridgeport," "Stanley," "Aeolus," "Demo," "Blizzard"), Bridgeport, Conn.

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.

*See adv index at end of book*

Buffalo Steam Pump Co. (Hand Circulating), Buffalo, N. Y.

Burton & Johnson Co., 2301 Center av, Cleveland, O.

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York

*See adv index at end of book*

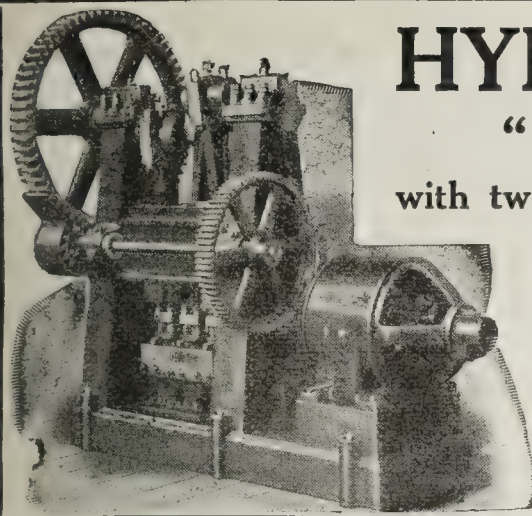
Carron A. M. Machine Co. (Small Electric), Penn & Barbeau, Pittsburgh, Pa.

Comstock A. S. (Motor Driven), Evanston, Ill.

Crowell Mfg. Co. ("Crowell" Rotary), 296 Taaffe pl, Brooklyn, N. Y.

Davidson M. T. Co. (Single & Twin Cylinder, etc), 43 Keap, Brooklyn, N. Y.





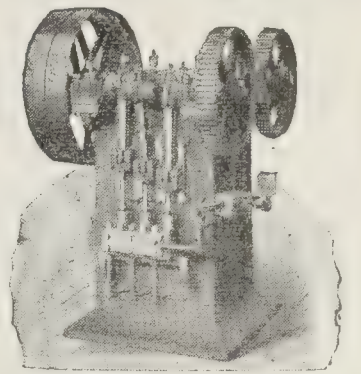
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Dean Bros. Steam Pump Works, (Twin Cylinder), 327 W 10th, Indianapolis, Ind.

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

**DEMING CO.**, Salem O.  
*See adv index at end of book*

Devine J. P. Co., Buffalo, N. Y.

Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.

Economy Pumping Machy. Co. (Electric or Power), 116 N Carpenter, Chicago, Ill.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Flint & Walling Mfg. Co., Kendallville, Ind.

Foster Pump Works, 36 Bridge, Brooklyn, N. Y.

Fritz Geo. J. Foundry & Machine Co. (Brewers' Steam), 2018 S 3rd, St. Louis, Mo.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.

Garrison Brass & Machine Works, 149 W 35th, New York

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Humphryes Mfg. Co. (Hand), Mansfield, O.

Indiana Air Pump Co., Indianapolis, Ind.

Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*

Knott L. E. Apparatus Co. (For School Demonstration), 79 Amherst, Cambridge, Mass.

Leader Iron Works, 201 Jasper, Decatur, Ill.

Manistee Iron Works Co., Manistee, Mich.

**MESTA MACHINE CO.**, Pittsburgh, Pa.  
*See adv index at end of book*

**MYERS F. E. & BRO.** (Hydro-Pneumatic, "Century" Low Down & "Bulldozer," "Electric Automatic"), 800 Orange, Ashland, O. *See adv index at end of book*

Nash Engineering Co. ("Nash" Hydro-Turbine, South Norwalk, Conn.

National-Standard Co., Box 211 Niles, Mich.

National Transit Pump & Machine Co., Oil City, Pa.  
*See adv index at end of book*

N. Y. Air Brake Co., 165 B'way, New York

Pattin Bros. Co., Marietta, O.

Platt Iron Works Co., Dayton, O.

Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.

*See adv index at end of book*

Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*

Strater Herman & Sons (Beer), 74 Sudbury, Boston, Mass.

Union Iron Works Co. (And Condenser), 20th & Michigan, San Francisco, Cal.

Union Steam Pump Co. (Direct Acting), Battle Creek Mich.

Ward Pump Co. (Double Cylinder), Rockford, Ill.

Warren Steam Pump Co. (And Condenser), Warren, Mass.

Wheeler C. H. Mfg. Co. ("Mullan" Suction, Valveless, "Pratt Rotrex," "Thyssen Entrainment"), Phila., Pa.

**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler-Edwards" Suction Valveless, also "Wheeler-Rotative Dry," "Wheeler-Turbo Air," "Wheeler-Direct Acting"), Carteret, N. J.  
*See adv index at end of book*

Worthington Pump & Machy. Corp., 115 B'way, New York

### 11792a—\*Pumps (Air Chamber)

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

### 11793—\*Pumps (Air, Exhausters)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

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### 11794— Pumps (Air Lift)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

**BEACH RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.

Foster Pump Works, 36 Bridge, Brooklyn, N. Y.

Gardner Governor Co. 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.

Indiana Air Pump Co., Indianapolis, Ind.

**INGERSOLL-RAND CO.** ("Imperial," "Pohle" & "Saunders" & Return Air), 11 B'way, New York  
*See adv index at end of book*

Latta-Martin Pump Co., Hickory, N. C.

Merritt Hydraulics Co., 110 N Broad, Phila., Pa.

Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.

Schramm Chris. D. & Son, 308 N 4th, Phila., Pa.

Sullivan Machinery Co., Peoples Gas bldg, Chicago, Ill.

Union Steam Pump Co., Battle Creek, Mich.

## RUMSEY TRIPLEX PUMPS

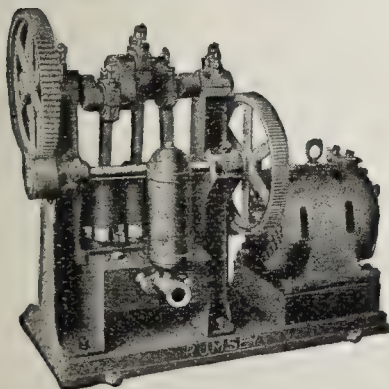


Fig. 683

A complete line of Triplex Pumps in capacities up to 4,000,000 gallons and for pressure as high as 8,000 pounds.

And in addition rotary, centrifugal and deep well pumps, hydraulic rams and hand pumps of all kinds.

The electric pump illustrated is a favorite for domestic and industrial water supply. It is particularly convenient if equipped with automatic electric controlling devices. Range of capacities, 90 to 5000 gallons per hour. Suitable for either open or closed tank pumping.

Catalogs and Recommendations on Request

**RUMSEY PUMP COMPANY, Limited,** 171 JOHNSON ST. SENECA FALLS, N. Y.

**PUMPS FOR**  
WATER SUPPLY  
BOILER FEEDING  
CIRCULATING  
EXERTING PRESSURE  
FIRE DUTY  
SPRINKLER SYSTEMS  
ELEVATORS  
HANDLING ACIDS  
OILS AND SEWAGE  
SUMP PUMPING  
ACCUMULATORS  
AND FOR  
ALL PURPOSES



Worthington Pump & Machy. Corp., 115 B'way, New York

### 11795—\*Pumps (Air Line, Vacuum Heating)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11796— Pumps (Air, Tire)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Electric Air Pump Co. (Electric for Garages), Penn & Barbeau, Pittsburgh, Pa.  
Ansonia Mfg. Co., Ansonia, Conn.  
Artizan Brass Co. (Power, Auto), 230 N Jefferson, Chicago, Ill.  
Automatic Electric Pump Co., Davenport, Ia.  
Beckley-Ralston Co., 1801 S Michigan av, Chicago, Ill.  
Bell Pump & Mfg. Co., 74 Fort E, Detroit, Mich.  
Bishop-Babcock-Becker Co., Cleveland, O.  
Black & Decker Mfg. Co. ("Lectroflater"), 111 So. Calvert, Baltimore, Md.  
Bolte & Weyer Co., 125 S Racine av, Chicago, Ill.  
Bride Wm. J. Co. ("Austin"), Reading, Mass.  
Bridgeport Brass Co. ("Bridgeport," "Stapley," "Aeolius," "Atlas," "Windjammer," "Crown"), Bridgeport, Conn.  
Brown Co. ("Virtue"), Syracuse, N. Y.  
Carron A. M. Machine Co. (Electric), Penn & Barbeau, Pittsburgh, Pa.  
Central Brass & Fixture Co., Springfield, Ohio  
Cleveland Faucet Co. ("Champion"), Cleveland, O.  
Codman & Shurtleff ("C. & S."), 120 Boylston, Boston, Mass.  
Coe-Stapley Mfg. Co., Bridgeport, Conn.  
Cox Brass Mfg. Co. ("Boss" & "Handy"), Albany, N. Y.  
Fidelity Brass Mfg. Co., 1001 Wash. blvd, Chicago, Ill.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Gleason-Peters Air Pump Co. ("G.-P."), 384 Classon av, Brooklyn, N. Y.  
Globe Mfg. Co. ("Dead Easy"), Battle Creek, Mich.  
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
Hancock Mfg. Co., Charlotte, Mich.  
Haney J. H. & Co. ("Rose"), Hastings, Neb.  
Herz & Co., 245 W 55th, New York  
Imperial Brass Mfg. Co. ("Imperial-Wixon"), 524 S Racine av, Chicago, Ill. *See adv index at end of book*  
Ingersoll Robt. H. & Bro. (Bicycle), 315 4th av, New York  
Judd & Leland Mfg. Co. ("Eureka," "Triplex," "Columbia," "Hill," "Leland," "Tornado," "Cyclone," "Bonham," "Perfection," "Telescope," "Excelsior," "Victor," "J. & L. Special"), Clifton Springs, N. Y.  
Kellogg Mfg. Co., Rochester, N. Y.  
Kokomo Electric Co. ("Kingston"), Kokomo, Ind.  
Krahn Mfg. Co., 598 Clinton, Milwaukee, Wis.  
Lake Erie Mfg. Co. ("Bonheims Gatling"), Buffalo, N. Y.  
Leader Iron Works (Electric), Decatur, Ill.  
Livermore H. F. Co. ("Austin" Bicycle & Motorcycle), 85 Pearl, Boston, Mass.  
Manzel Bros. Co. (Auto Engine Driven), 315 Babcock, Buffalo, N. Y.  
Mayo-Skinner Mfg. Co. ("Skinner"), 54 E 18th, Chicago, Ill.  
Motor Car Supply Co. ("Windejammer"), 1453 Michigan av, Chicago, Ill.  
Noera Mfg. Co., Waterbury, Conn.  
Osborne & Stephenson Mfg. Co. ("Carver"), Plainville, Conn.  
Peerless Accessories Mfrs., 1926 Wabash av, Chicago, Ill.  
Post & Lester Co., Hartford, Conn.  
Quimby Mfg. Co., 1700 Washington av, Minneapolis, Minn.  
Racine Engine & Machine Co. ("Two-Minute" Power), Racine, Wis.  
Rome Bicycle Mfg. Co. (Bicycle), Rome, N. Y.  
Rose J. A. Mfg. Co., Hastings, Nebr.  
St. Charles Specialty Mfg. Co. ("Jensen"), St. Charles, Ill.

Shawver Co. ("Springfield"), Springfield, O.  
Star Brass Works ("Binks" Electric), 319 N Albany av, Chicago, Ill.  
Stevens Mfg. & Supply Co., 343 S Dearborn, Chicago, Ill.  
Stevens & Co. ("Ultra"), 373 B'way, New York  
Sunderland Mfg. Co. ("Pitner"), 600 W 22d, Chicago, Ill.  
Taylor Mfg. Co., Detroit, Mich.  
Troy Auto Specialty Co. ("Hanna" Power), Troy, N. Y.  
Turner Brass Works ("Turner" Pressure, Floor Pump), Sycamore, Ill.  
Union Steam Pump Co. (Air Feed), Battle Creek, Mich.  
"Vac" Liquid Equip Co., Cedar Rapids, Ia.  
Waterbury Mfg. Co., Waterbury, Conn.  
Werner-Service Mfg. Co., 263 Fairmount av, Jersey City, N. J.  
Wissler A. ("E-Z," Automatic Automobile), B'way & Wash. av, St. Louis, Mo.

### 11797—\*Pumps (Air & Water Combined)

Myers F. E. & Bro. ("Myers" Cog Gear), 800 Orange, Ashland, O.  
*See adv index at end of book*

### 11798— Pumps (Alcohol)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
Tokheim Mfg. Co., Cedar Rapids, Ia.

### 11799— Pumps (Ale & Beer)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Steam Pump Co., Battle Creek, Mich.  
Automatic Electric Pump Co., Davenport, Ia.  
Bernier H. D. & Winterbauer Co., 4th av & 12th, New York  
Bishop-Babcock-Becker Co., Cleveland, O.  
Brown Beer Pump Co., 11 Chardon, Boston, Mass.  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
Eagle Beer Pump Co., 17 New Chambers, New York  
Federal Brass Works, 3100 S Kedzie, Chicago, Ill.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Gottlieb I., 435 E 9th, New York  
Janette Mfg. Co. (Automatic Electric), 617 W Jackson blvd, Chicago, Ill.  
Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
Mager C., 314 W 39th, New York  
Miller John A., 600 Bergen av, New York  
Mutual Beer Pump Co., 809 3d av, New York  
Noe C., 492 E 167th, New York  
Ohio Pump & Brass Co. ("Triumph"), Columbus, O.  
Russ Co. ("Cleveland"), 5700 Walworth av, Cleveland, O.  
Schneible C. A., 132 E 121st, New York  
Strater Herman & Sons, 74 Sudbury, Boston, Mass.  
Varwig Mfg. Co. ("Electric"), 120 Opera pl, Cincinnati, O.  
Victor Electric Co. ("Victor"), Jackson Blvd & Robey, Chicago, Ill.

### 11800— Pumps (Aluminum)

Humphryes Mfg. Co. Mansfield, O.

### 11801— Pumps (Ammonia)

*See also Pumps, Steam*

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Steam Pump Co., Battle Creek, Mich.  
**BEACH-RUSS CO.** 220 B'way, New York  
*See adv index at end of book*  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
**CAMERON A. S. STEAM PUMP WORKS.** Bowling Green bldg, New York  
*See adv index at end of book*  
Columbus Iron Works, Columbus, Ga.  
Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
Davidson M. T. Co., Tribune bldg, New York  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

Foster Pump Works, 36 Bridge, Brooklyn, N. Y.  
Gas Machinery Co., 1900 Euclid av, Cleveland, O.  
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
Guild & Garrison, 457 Kent av, Brooklyn, N. Y.  
Luitwieler Pumping Engine Co., Rochester, N. Y.  
National Foundry & Machine Co., Louisville, Ky.  
Union Steam Pump Co., Battle Creek, Mich.  
Wagner Steam Pump Co., Canton, O.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### 11802—Pumps (Artesian Well)

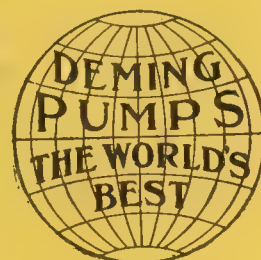
Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Steam Pump Co., Battle Creek, Mich.  
American Well Works, Aurora, Ill.  
*See adv index at end of book*  
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
Cook August D., Lawrenceburg, Ind.  
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
Davidson M. T. Co. (Horizontal & Vertical), 43 Keap, Brooklyn, N. Y.  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.  
Fairbanks, Morse & Co. (Gas, Gasoline & Oil), 900 S Wabash av, Chicago, Ill.  
Flint & Walling Mfg. Co., Kendallville, Ind.  
Foster Pump Works, 36 Bridge, Brooklyn, N. Y.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
Hill Pump Co., Anderson, Ind.  
Humphryes Mfg. Co., Mansfield, O.  
Jarecki Mfg. Co., Erie, Pa.  
**KEYSTONE DRILLER CO.** ("Downie"), Beaver Falls, Pa.  
Luitwieler Pumping Engine Co., Rochester, N. Y.  
National Steam Pump Co., Upper Sandusky, O.  
Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
Platt Iron Works Co., Dayton, O.  
Rider-Ericsson Engine Co., 20 Murray, New York  
Rumsey Pump Co., Box J, Seneca Falls, N. Y. *See adv index at end of book*  
Standard Pump & Engine Co., Akron, O.  
Union Steam Pump Co., Battle Creek, Mich.  
U. S. Wind Engine & Pump Co., Batavia, Ill.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### 11803— Pumps (Automatic)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Steam Pump Co., Battle Creek, Mich.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
Blake Pump & Condenser Co. (Automatic Pumps & Receivers), Fitchburg, Mass.  
Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
Dean Bros. Steam Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
Economy Pumping Machy. Co. (& Electric), 116 N Carpenter, Chicago, Ill.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
Hartford Machine Screw Co. ("Master" Garage Power Tire), Hartford, Conn.  
Luitwieler Pumping Engine Co., Rochester, N. Y.  
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
National Transit Pump & Machine Co. (Automatic Pumps & Receivers), Oil City, Pa. *See adv index at end of book*



# DEMING Hand and Power PUMPS



## WORKING HEADS, CYLINDERS ETC.

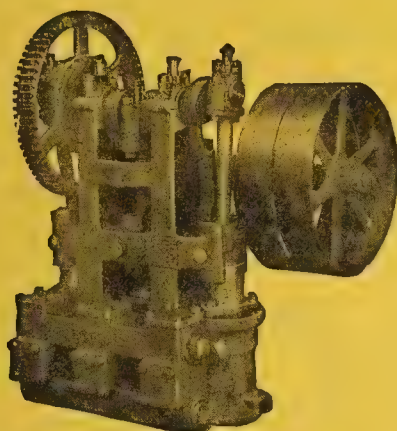


Fig. 50

Single Acting Triplex Power Pump for Boiler Feeding and General Water Supply. Capacities from 300 to 60,000 Gallons per Hour.

Whatever your pumping requirements may be—whether for use in the architectural, contracting, engineering, electrical, hardware, mechanical, mill, mining, quarrying, railroad, iron and steel and kindred industries, or for municipal service, etc.—you will find them fulfilled by the Deming line.

We make pumps for shallow and deep wells, for operation by gasoline engine, electric motor, wind-mill or hand, in hundreds of different styles and sizes.

Send us a statement of the conditions under which your pump will operate and we will gladly recommend the outfit best suited to your needs. Deming Pumps are guaranteed. "We make good if they don't."

### Information We Should Have:—

Source of supply; vertical elevation from surface of water to the pump; elevation from pump to point of discharge; kind of power available to drive the pump; purpose for which pump is to be used; approximate quantity of water required.

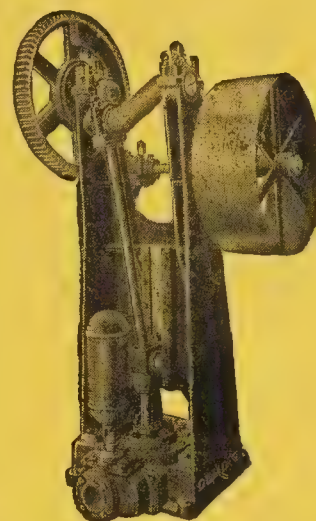


Fig. 80

Power Working Head for Deep Wells. For Wells 540 Feet Deep or Less.

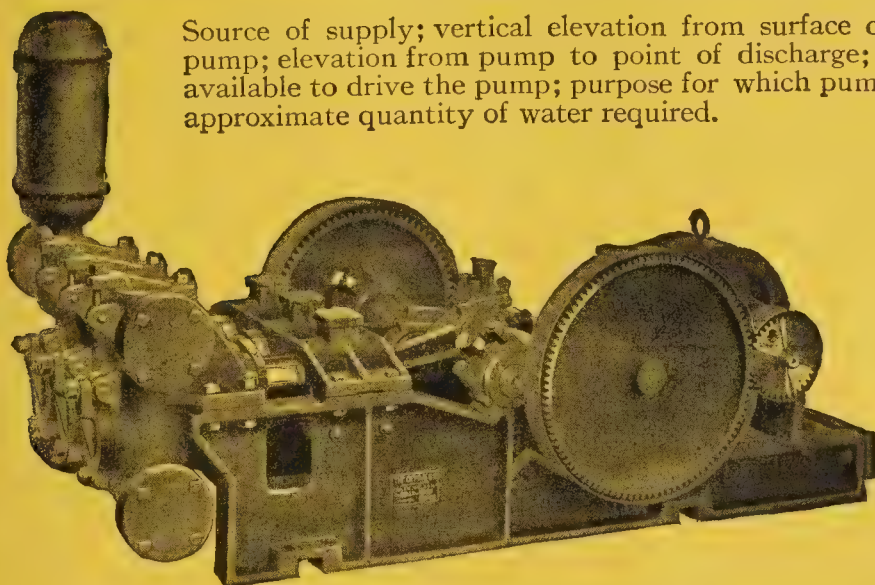


Fig. 73

Deming Mine Pump. One of Our Many Different Mine Pumps. Valves Are Easily Accessible. Gears Are Carefully Guarded. Capacities from 3,000 to 9,000 Gallons per Hour.

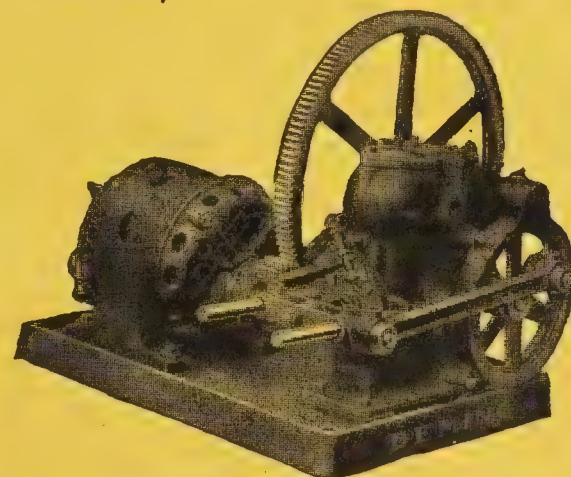


Fig. 691

"Atlas" Power Pump with Type "B" Drive. For General Water Supply and Hydro-pneumatic Water Systems. Made in Three Sizes with Capacities of 600, 1,200 and 2,500 Gallons per Hour.

## The DEMING COMPANY, Salem, Ohio, U. S. A.

### HAND AND POWER PUMPS FOR ALL USES

#### General Distributing Houses

CHICAGO: Henion & Hubbell  
PITTSBURGH: Harris Pump & Supply Co.  
NEW YORK CITY: Ralph B. Carter Co.  
CHARLOTTE, N. C.: Realty Bldg.  
SAN FRANCISCO: Simonds Machinery Co.

BUFFALO: Root, Neal & Co.  
BOSTON: Chas. J. Jager Co.  
RICHMOND: Sydnor Pump & Well Co.  
DENVER: Hendrie & Bolthoff Mfg. & Supply Co.  
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National Water Lift Co. ("National" for Residential Purposes), Kalamazoo, Mich.  
 Platt Iron Works Co. (Automatic Pump & Receiver), Dayton, O.  
 Quimby Wm. E. (Inc.), 548 W 23rd, New York  
 Standard Pump & Engine Co., Akron, O.  
 Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York  
 Union Steam Pump Co., Battle Creek, Mich.  
 Worthington Pump & Machy. Corp. (Automatic Feed Pumps & Receivers), 115 B'way, New York

### 11804—Pumps (Automobile)

See also Pumps, Air, Tire; also Pumps, Circulating

Advance Machinery Co. (Tire), Toledo, O.  
 Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Electric Air Pump Co. (Garage Air), Penn & Barbeau, Pittsburgh, Pa.  
 American Steam Pump Co., Battle Creek, Mich.  
 Automatic Electric Pump Co., Davenport, Ia.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Cincinnati Lubricant Pump Co., Cincinnati, O.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Goulds Mfg. Co. (Tire & Tank), 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Hill Pump Valve Co. (Tire, "Utility"), Archer av, Canal & 23d, Chicago, Ill.  
 Howell W. H. Co., Geneva, Ill.  
 Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
**LUNKENHEIMER CO.** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Manzel Bros. Co. (Auto Engine Driver), 315 Babcock, Buffalo, N. Y.  
 Noera Mfg. Co., Waterbury, Conn.  
 Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.  
 Rose J. A. Mfg. Co., Hastings, Neb.  
 Stewart-Warner Speedometer Corp. (Tire, Power Driven), 1826 Diversey Parkway, Chicago, Ill.  
 Stocker Mfg. Co., Detroit, Mich.  
 Taylor Mfg. Co., Detroit, Mich.  
 Union Steam Pump Co. (Air Feed), Battle Creek, Mich.  
 Victor Electric Co. (Tire), Jackson Boul & Robey, Chicago, Ill.  
 Ward Pump Co. ("Ward" Double Cylinder Air), Rockford, Ill.

### 11805—\*Pumps (Ball Valve)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

### 11806—\*Pumps (Ballast)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
 National Transit Pump & Machine Co., Oil City, Pa.  
*See adv index at end of book*

### 11807—Pumps (Barrel)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Aldrich Mfg. Co. (All Copper), Buffalo, N. Y.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Beman Automatic Oil Can Co. ("Beman," Rotary, for Transferring Oil from Barrel to Tank), Meadville, Pa.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Friend Mfg. Co., Gasport, N. Y.  
 Kraft A. C. (Tin & Galvanized Iron), 323 W. Lake, Chicago, Ill.  
 Monarch Mfg. Co., Council Bluffs, Ia.  
 Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*  
 Ray Geo. A. Mfg. Co. (All Copper), Buffalo, N. Y.  
 Sexton Can Co. ("Sexton" Rotary), 228 Franklin, Boston, Mass.  
 Trahern Pump Co. (Rotary), Rockford, Ill.

### Pumps (Beer)

See Pumps, Ale & Beer

### 11808—Pumps (Belt-Driven)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Aldrich Pump Co., Allentown, Pa.  
 American Steam Pump Co., Battle Creek, Mich.  
 American Well Works, Aurora, Ill.  
*See adv index at end of book*  
 Armstrong Mfg. Co., Armstrong, bldg, Waterloo, Ia.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 Carbondale Machine Co., Carbondale, Pa.  
 Columbiana Pump Co., Columbiana, O.  
 Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
 Davidson M. T. Co., Tribune bldg, New York  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Dubois Iron Works, Dubois, Pa.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 French Oil Mill Machinery Co., Piqua, O.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
**GODFREY-KEELER CO.**, 70 Warren, New York *See adv index at end of book*  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Kewanee Private Utilities Co. ("Kewanee"), West Side, Kewanee, Ill.  
 Kinney Mfg. Co., 3541 Washington, Boston, Mass.  
 Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 Morris Machine Works, Baldwinsville, N. Y.  
**MYERS F. E. & BRO.** (Bulldozer), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
 National-Standard Co., Box 211, Niles, Mich.  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.  
 Quimby Wm. E. (Inc.), 548 W 23d, New York  
 Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*  
 Standard Pump & Engine Co., Akron, O.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### Pumps (Bicycle)

See Pumps, Air Tire

### 11809—Pumps (Bilge)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Abendroth G. Irving Co. (Spiral or Straight Riveted), 10 E 43d, New York  
 Abendroth & Root Mfg. Co. (Spiral Riveted), Newburgh, N. Y.  
 American Cement Machine Co. ("American"), Keokuk, Ia.  
 American Well Works, Aurora, Ill.  
*See adv index at end of book*  
 Bishop's Wm. Sons (Brass & Copper), 18 James, New York  
 Blackmer Rotary Pump Co., Petoskey, Mich.  
 Blakeslee Mfg. Co., Du Quoin, Ill.  
 C. H. & E. Mfg. Co. ("C. H. & E." Portable Power Driven), 384 Clinton, Milwaukee, Wis.

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*

Chicago Pump Co. (Automatic, Electric), 906 W Lake, Chicago, Ill.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Durkee C. D. & Co. ("Crescent"), 2 South New York  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
 Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.  
 Fairbanks, Morse & Co. (Diaphragm), 900 S Wabash av, Chicago, Ill.  
 Goblet Wm. H., 32 Old Slip, New York  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Humphreys Mfg. Co., Mansfield, O.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Kinney Mfg. Co. ("Kinney"), 3541 Washington, Boston, Mass.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Laughlin Thos. Co. (& Yacht), Portland, Me.  
 Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 Merritt Hydraulics Co. (Priestman"), 110 N Broad, Phila., Pa.  
 Monarch Valve Co. ("Monarch" Rotary), 112 Front, B'klyn, N. Y.  
 Morris Machine Works, Baldwinsville, N. Y.  
**MYERS F. E. & BRO.** ("Myers" Low Down), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 National Mfg. Co. ("Johnson" & "Natwire"), Worcester, Mass.  
 National Marine Lamp Co., Forestville, Conn.  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Platt Iron Works Co., Dayton, O.  
 Quimby Wm. E., 548 W 23d, New York  
 Rawles J. D. Co. ("Aaron" Automatic), 74 Pearl, Boston, Mass.  
 Rumsey Pump Co. (Ltd.), (Ships, Main & Bilge), Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Sands Alfred B. & Son Co., 20 Vesey, N. Y.  
 Trimount Rotary Power Co. ("Trimount" Rotary Hand), 18 Heath, Boston, Mass.  
 Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York  
 Union Steam Pump Co., Battle Creek, Mich.  
 Wagener Steam Pump Co., Canton, O.  
 Wilcox, Crittenden & Co. ("Nutmeg"), Middletown, Conn.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
 Worthington Pump & Machy. Corp., 115 B'way, New York  
 Yeomans Bros. Co. ("Yeomans" Automatic Electric), 231 Institute pl, Chicago, Ill.

### 11810—Pumps (Boiler Feed)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*  
 American Steam Pump Co., Battle Creek, Mich.  
 American Well Works, Aurora, Ill.  
*See adv index at end of book*  
 Baragwanath Wm. & Son, 1260 W Division, Chicago, Ill.  
 Berry Engineering Co. ("Berry"), Chester, Pa.  
 Binghamton Mach. Works, Binghamton, N. Y.  
 Bishop's Wm. Sons (Brass & Copper), 18 James, New York  
 Blake Pump & Condenser Co. ("Duplex" & Single), Fitchburg, Mass.  
 Blakeslee Mfg. Co., Du Quoin, Ill.  
 Boyts, Porter & Co. (Double Plunger), Connellsville, Pa.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Burton & Johnson Co., 2301 Center av, Cleveland, O.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Chicago Pump Co., 904 W Lake, Chicago, Ill.



Clot & Crist Mach. Co., 940 Bryant, San Francisco, Cal.  
 Crawford & McCrimmon Co., Brazil, Ind.  
 Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
 Davis I. B. & Son, Hartford, Conn.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.** (Hand and Power), Salem, O.  
*See adv index at end of book*  
 Douglas W. & B., Middletown, Conn.  
 Dubois Iron Works, Dubois, Pa.  
 Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.  
 Evans C. H. & Co. ("Thomson & Evans"), 187 Fremont, San Francisco, Cal.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Foster Pump Works, 36 Bridge, Brooklyn, N. Y.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Great Lakes Engineering Works, Detroit, Mich.  
 Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.  
 Hill Pump Co., Anderson, Ind.  
 Humphreys Mfg. Co., Mansfield, O.  
 Jamieson M. W. & Co., Warren, Pa.  
 Kelley Benj. F. & Son (Economical Boiler & Tank Feed Pumps), 25 Church, New York  
 Kruger & Blind Co., 511 Master, Phila., Pa.  
 Luitwieler Pumping Engine Co., Rochester, N. Y.  
 McGowan Jno. H. Co., 52 Central av, Cincinnati, O.  
 Manistee Iron Works Co., Manistee, Mich.  
 Myers F. E. & Bro. ("Myers"), 800 Orange, Ashland, Ohio  
*See adv index at end of book*  
 Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.  
 National Foundry & Machine Co., Louisville, Ky.  
 National Steam Pump Co., Upper Sandusky, O.  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
 Noye Bros. Co. (Run by Belt), Buffalo, N. Y.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Oram John S. Co., Cleveland, O.  
 Pattin Bros. Co., Marietta, O.  
 Platt Iron Works Co. (Either Single, Duplex, Compound Triplex or Fly Wheel), Dayton, O.  
 Pratt Engineering & Machine Co., Atlanta, Ga.  
 Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.  
 Rock River Machine Co., Janesville, Wis.  
**RUMSEY PUMP CO. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Scranton Pump Co., Scranton, Pa.  
 Stewart Heater Co., Buffalo, N. Y.

Trahern Pump Co. (On Bed Plate), Rockford, Ill.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren Steam Pump Co., Warren, Mass.  
 Weinman Pump Mfg. Co., 306 Spruce, Columbus, O.  
 Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.  
**WESTINGHOUSE ELECTRIC & MFG. CO.** (Centrifugal), East Pittsburgh, Pa.  
*See adv index at end of book*  
 Wheeler C. H. Mfg. Co., Lehigh & N 18th, Phila., Pa.  
 Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.  
 Witt G. E. Co., 862 Howard, San Francisco, Cal.  
 Woodard Machine Co., Wooster, O.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### 11811—Pumps (Boiler Testing)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
 Buckeye Iron & Brass Works (Hydraulic), Dayton, O.  
 Cleveland Steam Gauge Co., Cleveland, O.  
 Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.  
 Dake Engine Co., Grand Haven, Mich.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Douglas W. & B., Middletown, Conn.  
 Dudgeon Richard (Hydraulic), 24 Columbia, New York  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Hender's A. L. Sons, Maryland av & Beach, Wilmington, Del.  
 Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.  
 National Transit Pump & Machine Co., Oil City, Pa.  
*See adv index at end of book*  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*

### 11812—Pumps (Bracket)

Davis-Hansen Co., Oshkosh, Wis.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

### 11813—Pumps (Brass)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Bishop's Wm. Sons, 18 James, New York  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

**DE LAVAL STEAM TURBINE CO.**, (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

**DEMING CO.** (Also Iron), Salem, O.  
*See adv index at end of book*

Douglas W. & B., Middletown, Conn.  
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Haydenville Co., Haydenville, Mass.

Humphreys Mfg. Co., Mansfield, O.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

Kraft A. C., 323 W Lake, Chicago, Ill.  
 Lobe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.

McDonald A. Y. Mfg. Co., Dubuque, Ia.  
**Morris Machine Works**, Baldwinsville, New York

Myers F. E. & Bro., 800 Orange, Ashland, O.  
*See adv index at end of book*  
 Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.

**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Union Steam Pump Co., Battle Creek, Mich.

Van Wie Pump Co., Syracuse, N. Y.

### 11814—Pumps (Brewery)

*See also Pumps, Steam*

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

**American Steam Pump Co.**, Battle Creek, Mich.

Automatic Electric Pump Co., Davenport, Ia.

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

Davidson M. T. Co., Tribune bldg, New York

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*

Lobe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.

Northwestern Copper & Brass Works, 59 W 3d, St. Paul, Minn.

Taber Pump Co. ("Taber" Centrifugal), Buffalo, N. Y.

### 11815—Pumps (Brine)

*See Also Pumps, Steam*

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

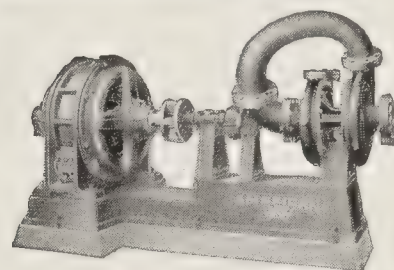
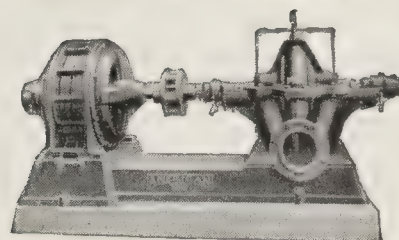
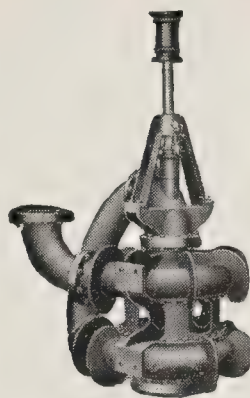
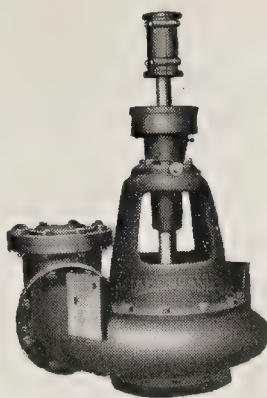
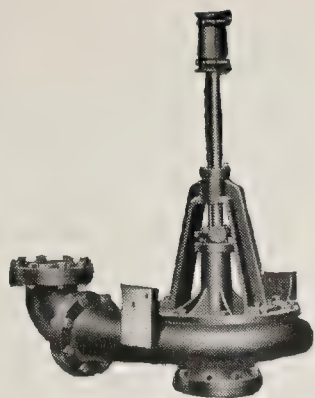
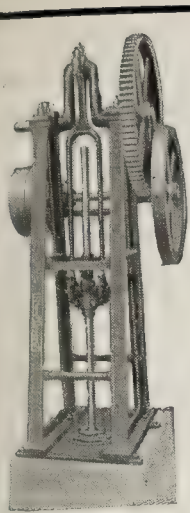
**American Steam Pump Co.**, Battle Creek, Mich.

American Well Works, Aurora, Ill.  
*See adv index at end of book*

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**L**ONG use and extensive sale in nearly every country in the world has proved the quality of "American" pumping and drilling machinery. With nearly a half century's manufacturing experience behind them and their record of achievement they are recognized as standard machines of their respective types that can be relied upon for economy of operation in any service.

"American" centrifugal pumps are built in over 50 standard styles, each in a full line of sizes and equipped with any power. In addition, centrifugal pumps are being constantly designed by us to meet unusual conditions.

"American" deep well plunger pumps have been recognized for many years as standard pumps of this type. They are made with single acting, double acting, and two stroke all bronze water cylinders and equipped with belt driven, motor driven or steam working heads.

"American" drilling machines are made in styles and sizes to meet every requirement of deep earth and rock drilling. Special types are made for deep blast hole drilling and for coring by the rotary method.

"American" centrifugal pumps are described in catalog 149.

"American" deep well plunger pumps in catalog 130 and American drilling machines and tools in catalog 145. Write for these catalogs.

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Chicago Office:  
First National Bank Building

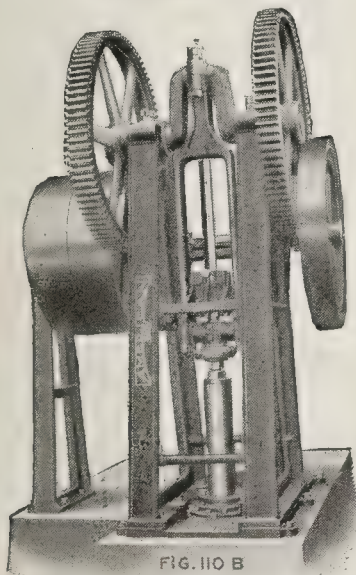
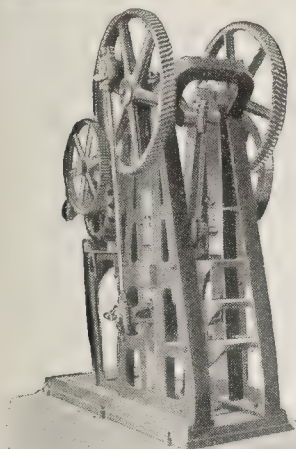
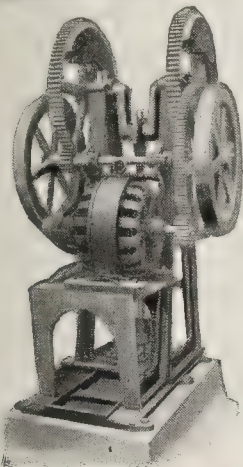
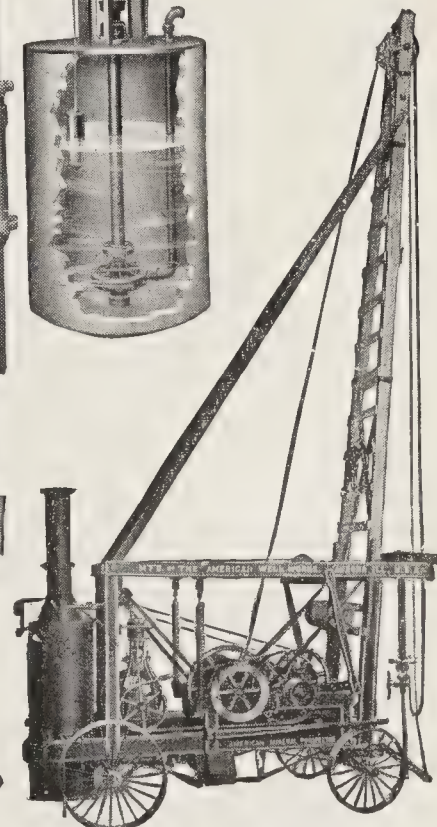
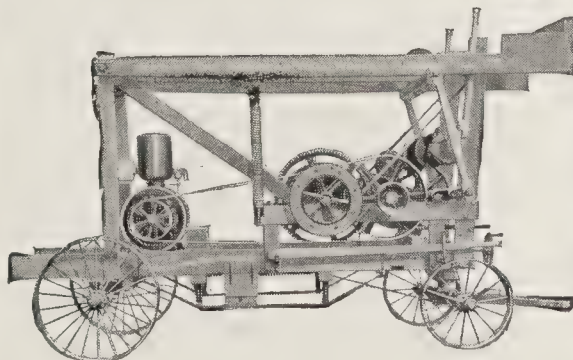
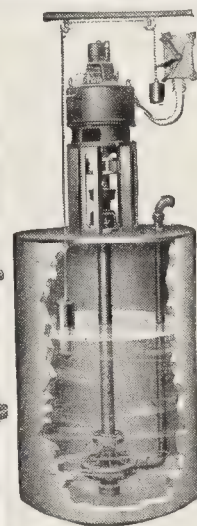
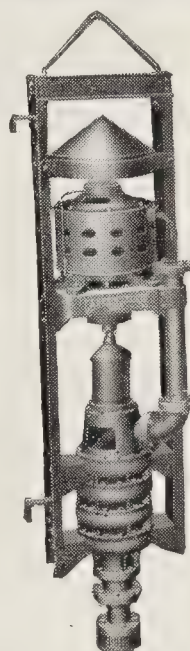
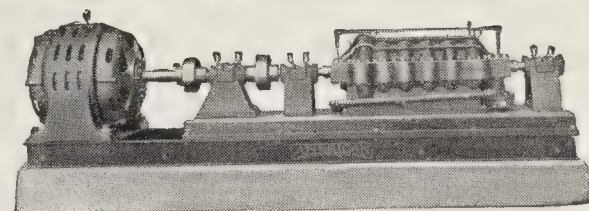
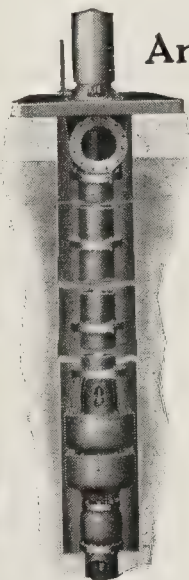


FIG. 110 B





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*See adv index at end of book*  
**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**De Laval Steam Turbine Co. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.  
**Gardner Governor Co.**, 14 Williamson, Quincy, Ill.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Lobee Pump & Machinery Co.**, 111 Dearborn, Buffalo, N. Y.  
**Morris Machine Works**, Baldwinsville, N. Y.  
**National Transit Pump & Machine Co.**, Oil City, Pa. *See adv index at end of book*  
**Plati Iron Works Co.**, Dayton, O.  
**Quimby Wm. E. (Circulating)**, 548 W 23d, New York  
**Twinvolute Pump & Mfg. Co. ("Twin-volute")**, 55 William, New York  
**Union Steam Pump Co.**, Battle Creek, Mich.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### 11816— Pumps (Bucket)

**Biggs B. F. Pump Co. ("Boss")**, Lafayette, Ind.  
**Butler Mfg. Co.**, Kansas City, Mo.  
**Cedar Rapids Pump Co.**, Cedar Rapids, Ia.  
**Cincinnati Pump Co.**, Liberty & Clay, Cincinnati, O.  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**Star Bucket Pump Co. ("Star")**, 1218 W 15th, St. Louis, Mo.

### 11817— Pumps (Cam)

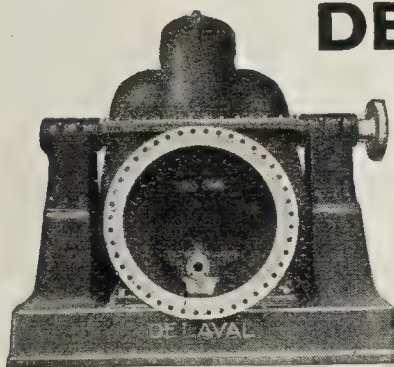
**Luitwieler Pumping Engine Co.**, Rochester, N. Y.  
**Trimount Rotary Power Co. ("Trimount" Rotary)**, 18 Heath, Boston, Mass.

### 11818— Pumps (Centrifugal)

**Advance Pump & Compressor Co.**, 60 Flint, Battle Creek, Mich.  
**ALBERGER PUMP & CONDENSER CO.** (Steam or Motor Driven), 140 Cedar, New York  
**ALLIS-CHALMERS MFG. CO.** (Multi-stage High Lift), Milwaukee, Wis.  
*See adv index at end of book*  
**American Steam Pump Co.**, Battle Creek, Mich.  
**American Well Works, ("American")** Aurora, Ill. *See adv index at end of book*  
**Appleton Machine Co.**, Appleton, Wis.  
**Atlas Engng. Co.**, 3009 Lisbon av, Milwaukee, Wis.  
**Barnes Mfg. Co.**, Mansfield, O.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

**Bean Spray Pump Co.**, San Jose, Cal.  
**Black-Clawson Co.**, Hamilton, O.  
**Bowser S. F. & Co.**, Fort Wayne, Ind.  
**Bucyrus Co. (Dredging)**, S Milwaukee, Wis.  
**Buffalo Steam Pump Co.**, Buffalo, N. Y.  
**Burroughs Chas. Co.**, 141 Commerce, Newark, N. J.  
**C. H. & E. Mfg. Co. ("C. H. & E.")** Mounted Complete, Direct Connected), 384 Clinton, Milwaukee, Wis.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Centrifugal Pump Co.**, 455 Canal, New York  
**Channon H. Co. ("Channon")**, 150 N Market, Chicago, Ill.  
**Charleston Iron Works**, Charleston, S. C.  
**Clot & Crist Machine Co.**, 940 Bryant, San Francisco, Cal.  
**Coppers Equipment & Engineering Co.** (High Pressure), Worcester, Mass.  
**Davis-Johnson Mfg. Co.**, 4518 Lexington, Chicago, Ill.  
**Dayton-Dick Co. ("Dayton")**, Quincy, Ill.  
**DE LAVAL STEAM TURBINE CO. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*  
**Douglas W. & B.**, Middletown, Conn.  
**Duriron Castings Co. ("Duriron" Acid Metal)**, 90 West, New York  
**D'Olier Centrifugal Pump & Machinery Co.**, 1421 Chestnut, Phila., Pa.  
**Earle Gear & Machine Co.**, Stenton & Wyoming avs, Philadelphia, Pa.  
**Economy Pumping Machinery Co.** (Belted or Electric Driven), 116 N Carpenter, Chicago, Ill.  
**ELLICOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*  
**Emerson Mfg. Co.**, Lawrence, Mass.  
**Erie Pump & Equipment Co.**, Erie, Pa.  
**Erwin & Co.**, 3736 Cottage Grove av, Chicago, Ill.  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.  
**Fresno Agricultural Works**, Fresno, Cal.  
**Fulton Mach. & Vise Co. ("Fulton" Belt & Motor Driven)**, Lowville, N. Y.  
**Galena Iron Works Corp.**, Galena, Ill.  
**Garratt W. T. & Co.**, 299 Fremont, San Francisco, Cal.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Great Lakes Engineering Works** (Large Capacity), Detroit, Mich.  
**Haslehurst W. W.**, 2122 Folsom, San Francisco, Cal.  
**Hill Pump Co. (Vertical Thrust)**, Anderson, Ind.  
**Humphries Mfg. Co.**, Mansfield, O.  
**Hunt Rodney Machine Co.**, Orange, Mass.  
**Imperial Brass Mfg. Co. (Circulating)**, 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
**Jackson, Byron Iron Works**, Berkeley, Cal.  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Kansas City Hay Press Co. ("Lightning")**, Kansas City, Mo.  
**KEYSTONE DRILLER CO. ("Downie")**, Beaver Falls, Pa.  
**Kleber Karl Machine Co. (Bronze)**, 919 Martin, Cincinnati, O.

**Kingsford Foundry & Machine Works**, Oswego, N. Y.  
**Krogh Mfg. Co.**, 147 Beale, San Francisco, Cal.  
**Lawrence Machine Co. ("Lawrence")**, 40 Island, Lawrence, Mass.  
**Lawrence Pump & Engine Co. ("Vortex" Single & Multiple Stage Electric, Engine & Belt Driven)**, Lawrence, Mass.  
**Layne & Bowler Corp. ("Layne")**, Los Angeles, Cal.  
**Lea-Courtenay Co.**, 90 West, New York  
**Lipman Mfg. Co.**, Beloit, Wis.  
**Lobee Pump & Machinery Co.**, 111 Dearborn, Buffalo, N. Y.  
**McEwen Bros.**, Wellsville, N. Y.  
**Maine Iron Works**, 2036 Dominick, Chicago, Ill.  
**Manistee Iron Works Co. ("Roturbo")**, Manistee, Mich.  
**Meese & Gottfried Co. ("Butters")**, 660 Mission, San Francisco, Cal.  
**Mills Machine Co.**, Lawrence, Mass.  
**Moore & White Co.**, N 15th & Lehigh, Phila., Pa.  
**Morris I. P. Co.**, Beach & Ball, Phila., Pa.  
**Morris Machine Works**, Baldwinsville, New York  
**Nash Engineering Co.**, South Norwalk, Conn.  
**Norbom Engng. Co.**, Denckla bldg, Phila., Pa.  
**Novo Engine Co.**, Lansing, Mich.  
**Patterson Foundry & Machine Co.**, East Liverpool, O.  
**Platt Iron Works Co.**, Dayton, O.  
**Portage Lake Foundry & Machine Co. (For Mines)**, Hancock, Mich.  
**Potts C. & A. & Co.**, Indianapolis, Ind.  
**Price G. W. Pump & Engine Co.**, 33 Stevenson, San Francisco, Cal.  
**Quintard Iron Works Co.**, 742 E 12th, New York  
**Reliance Machine & Tool Works**, Channing & Franklin avs, St. Louis, Mo.  
**Rider-Ericsson Engine Co. ("Recco" Electric)**, 20 Murray, New York  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y. *See adv index at end of book*  
**Samson Iron Works ("Samson")**, Stockton, Cal.  
**San Antonio Machine & Supply Co. ("Samsco")**, San Antonio, Tex.  
**Schramm Chris D. & Son** (On Hand Trucks), 308 N 4th, Phila., Pa.  
**Scranton Pump Co.**, Scranton, Pa.  
**Southwark Foundry & Machine Co.**, 430 Washington av, Phila., Pa.  
**Strait H. N. Mfg. Co.**, Kansas City, Kans.  
**Swaby Mfg. Co.**, 2010 Marshall blvd, Chicago, Ill.  
**Termaat & Monahan Co.** (Gasoline or Kerosene Direct Connected), Oshkosh, Wis.  
**Tips Foundry & Machine Co.**, Austin, Tex.  
**Toledo Foundry & Machine Co. (Sand)**, Toledo, O.  
**Union Steam Pump Co.**, Battle Creek, Mich.  
**United Iron Works ("Eclipse" & Step Pressure)**, Oakland, Cal.  
**Van Wie Pump Co.**, Syracuse, N. Y.  
**Weinman Pump Mfg. Co.**, 300 Spruce, Columbus, O.



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All parts subject to wear are made to limit gages on an interchangeable basis and are quickly and easily renewable. Efficiencies are guaranteed, and every pump is tested at the factory and a copy of the test report is supplied to the purchaser.

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"Centrifugal Pumps and Their Application."

**De Laval Steam Turbine Co., Trenton, N. J.**





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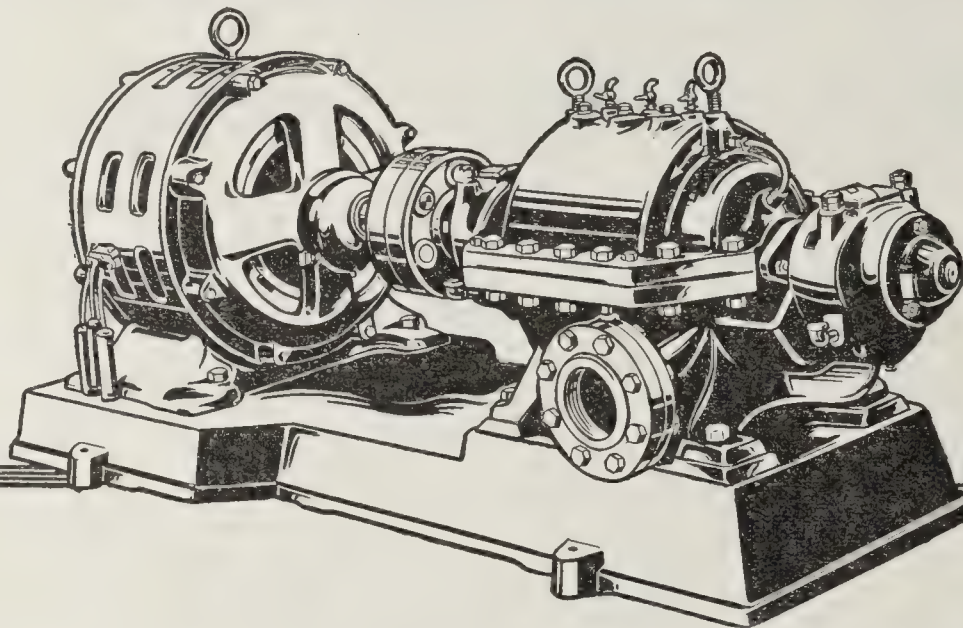
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*Include a complete line of pumps for*

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**WESTINGHOUSE ELECTRIC & MFG. CO.** (High & Low Head), East Pittsburgh, Pa. *See adv index at end of book*  
**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler"), Carteret, N. J. *See adv index at end of book*

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Wheeler Centrifugal Pumps are of the latest split casing, high efficiency, bronze fitted construction.

Built in all sizes, particularly for low and medium heads, single-stage.

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**CARTERET, N. J.**

Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
 Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.  
 Worthington Pump & Machy. Corp, 115 B'way, New York  
 Yoemans Bros. Co., 231 Institute. pl, Chicago, Ill.  
 Yuba Construction Co., Marysville, Cal.  
 Zin-ho Mfg. Co., 1323 S Michigan, Chicago, Ill.

### 11819—Pumps (Centrifugal, Deep Well)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**KEYSTONE DRILLER CO.** ("Downie"), Beaver Falls, Pa.

### 11820—Pumps (Centrifugal, Water Tank)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**BEACH-RUSS CO.**, 220 B'way, New York *See adv index at end of book*  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
**ROPER C. F. & CO.**, ("Roper") Hopedale, Mass. *See adv index at end of book*

### 11821—Pumps (Chain)

Biggs B. F. Pump Co. ("Biggs Noiseless"), Lafayette, Ind.  
 Bushnell Pump Co., Bushnell, Ill.  
 Butler Mfg. Co., Kansas City, Mo.  
 Cedar Rapids Pump Co., Cedar Rapids, Ia.  
 Ferguson Mfg. Co. ("Kegler" Anti-Freezing), Dubuque, Ia.  
 Pfender Bros., Evansville, Ind.  
 Rich Pump Co., South & Depot, Cincinnati, O.  
 Star Bucket Pump Co., 1218 N 15th, St. Louis, Mo.  
 Temple Mfg. Co., N 22d & S 54th, Chicago, Ill.  
 Ward Pump Co. ("Ward"), Rockford, Ill.  
 Wyckoff A. & Son Co., Elmira, N. Y.

### 11822—\*Pumps (Chemical Plant)

**BEACH-RUSS CO.**, 220 B'way, New York *See adv index at end of book*  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y. *See adv index at end of book*  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

### 11823—Pumps (Circulating)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
**BEACH-RUSS CO.**, 220 B'way, New York *See adv index at end of book*

Bowser S. F. & Co., Ft. Wayne, Ind.  
 Brennan Motor Mfg. Co., Syracuse, N. Y.  
 Brown & Sharpe Mfg. Co., Providence, R. I.

Buffalo Steam Pump Co., Buffalo, N. Y.  
 Byrne Kingston Co. ("Kingston"), Kokomo, Ind.

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York *See adv index at end of book*

Chicago Pump Co., 904 W Lake, Chicago, Ill.

Cincinnati Lubricant Pump Co., Cincinnati, O.

Crestline Mfg. Co. ("Crestline"), Crestline, Ohio

Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.

Davidson M. T. Co., Tribune bldg, New York

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

**DE LAVAL STEAM TURBINE CO.**, (Centrifugal), East Trenton, N. J. *See adv index at end of book*

**DEMING CO.**, Salem, O. *See adv index at end of book*

Dubois Iron Works, Dubois, Pa.

Essex G. B. Brass Co., Detroit, Mich.

Evans C. H. & Co. ("Evans" Combined Air & Circulating), 187 Fremont, San Francisco, Cal.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, New York *See adv index at end of book*

Humphries Mfg. Co., Mansfield, O.

Jackson Byron Pump Works, Berkeley, Cal.

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

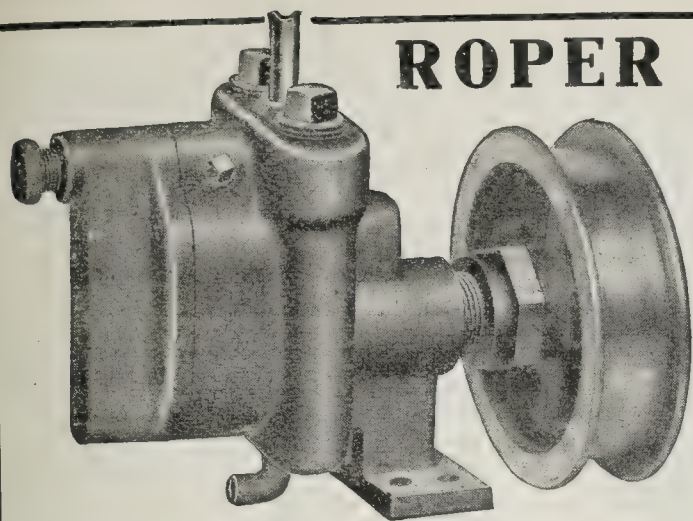
Lipman Mfg. Co., Beloit, Wis.

Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.

Luitwieler Pumping Engine Co., Rochester, N. Y.

McCord & Co. ("McKenna"), 122 S Michigan av, Chicago, Ill.





# ROPER CIRCULATING PUMPS

Roper reversing and one-way pumps provide the most complete and simplest circulating outfit for use on machine tools.

These pumps allow variable delivery without separate valves and require only a suction and delivery pipe. Made in capacities from 4 to 40 quarts per minute.

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**C. F. ROPER & CO., Hopedale, Mass.**

Milwaukee Auto Engine & Supply Co., 706 Winnebago, Milwaukee, Wis.  
Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.  
Morris Machine Works, Baldwinsville, N. Y.  
Myers F. E. & Bro. ("Myers"), 800 Orange, Ashland, O. *See adv index at end of book*  
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.  
Platt Iron Works Co. (Air & Circulating), Dayton, O.  
ROPER C. F. & CO. ("Roper"), Hopedale, Mass. *See adv index at end of book*  
Twinvolute Pump & Mfg. Co., ("Twinvolute"), 55 William, New York  
Union Steam Pump Co., Battle Creek, Mich.  
Wagener Steam Pump Co., Canton, O.  
Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
Woodard Machine Co., Wooster, O.  
Worthington Pump & Machy, Corp. (Air & Circulating Combined) 115 B'way, New York

## 11824— Pumps (Cistern)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
Aermotor Co., 1146 S Campbell, Chicago, Ill.  
Althouse-Wheeler Co. (Close Top, Pitcher Spout), Waupun, Wis.  
Athol Pump Co., Athol, Mass.  
Barnes Mfg. Co., Mansfield, O.  
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*  
Beckman Bros. ("B-B"), Des Moines, Ia.  
Biggs B. F. Pump Co. ("Biggs"), Lafayette, Ind.  
Cedar Rapids Pump Co., Cedar Rapids, Ia.  
Columbiana Pump Co., Columbiana, O.  
Crestline Mfg. Co., Crestline, O.  
Davis-Hansen Co., Oshkosh, Wis.  
DEMING CO., Salem, O. *See adv index at end of book*  
Dempster Mfg. & Supply Co., Des Moines, Ia.  
Douglas W. & R., Middletown, Conn.  
Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.  
Field & Shorb Co. ("F. & S. Ideal"), Decatur, Ill.  
Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.  
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
Hayes Pump & Painter Co., Galva, Ill.  
Hess, Snyder Co. ("Novelty"), Massillon, O.  
Humphries Mfg. Co., Mansfield, O.  
Love M. A. Mfg. Co. (Force, etc), Rockford, Ill.  
MYERS F. E. & BRO. ("Myers") Cog Gear) 800 Orange, Ashland, O. *See adv index at end of book*  
Peters Pump Co., Kewanee, Ill.  
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*  
Trahern Pump Co., Rockford, Ill.  
U. S. Wind Engine & Pump Co., Batavia, Ill.

Ward Pump Co. (Force, etc), Rockford, Ill.  
Wilder, Sidney & Co., Holliston, Mass.  
Wistrand Mfg. Co. ("Blue Star"), Galva, Ill.

## 11825—\*Pumps (Combined Air & Circulating)

BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*  
Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*

## 11826— \*Pumps (Compound)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York *See adv index at end of book*  
National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

## 11827—Pumps (Compression Tank)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
DEMING CO., Salem, O. *See adv index at end of book*  
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
MYERS F. E. & BRO., 800 Orange, Ashland, O. *See adv index at end of book*

## 11828—Pumps (Condensation)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Steam Pump Co., Battle Creek, Mich.  
BEACH-RUSS CO., (With Receivers), 220 B'way, New York *See adv index at end of book*  
Chicago Pump Co. ("Durdin," Automatic Electric), 906 W Lake, Chicago, Ill.  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
Dubois Iron Works, Dubois, Pa.  
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

## Pumps (Condenser)

*See Condensers, Steam*

## 11829—Pumps (Contractors', for Sewers & Foundations)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Cement Machine Co., Keokuk, Ia.  
Bond Harold L. Co. ("Atlantic" Portable), 391 Atlantic av, Boston, Mass.  
C. H. & E. Mfg. Co. ("C H & E." Portable Driven Bilge), 384 Clinton, Milwaukee, Wis.

## CAMERON A. S STEAM PUMP WORKS (Sewers, Foundations & Subways), Bowling Green bldg, New York

*See adv index at end of book*  
Channon Jas. H. Mfg. Co. ("Union," Diaphragm Trench & Combined Pump & Engine, &c.), 227 W Erie, Chicago, Ill.  
Dean Bros Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
DEMING CO., Salem, O. *See adv index at end of book*  
Douglas W. & B., Middletown, Conn.  
Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.  
Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
ELLCOTT MACHINE CORP., Bush & Severn, Baltimore, Md. *See adv index at end of book*  
Erie Pump & Equipment Co., Erie, Pa.  
Fairbanks, Morse & Co. (Diaphragm Trench) 900 S Wabash av, Chicago, Ill.  
GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
Humphreys Mfg. Co. (Porcelain Enamelled), Mansfield, O.  
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
Laughlin Thos. Co., Portland, Me.  
Morris Machine Works, Baldwinsville, New York  
MYERS F. E. & BRO. ("Myers" Low Down), 800 Orange, Ashland, O. *See adv index at end of book*  
Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.  
Parker A. A. (Mud, Sand, etc), Watertown, N. Y.  
Pulsometer Steam Pump Co., 17 Battery pl New York  
Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*  
Union Steam Pump Co., Battle Creek, Mich.  
Van Wie Pump Co., Syracuse, N. Y.  
Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
Zin-ho Mfg. Co., 1323 S Michigan av, Chicago, Ill.

## 11830— Pumps (Copper)

Athol Pump Co., Athol, Mass.  
BEACH-RUSS CO., 220 B'way, New York *See adv index at end of book*  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
Kraft A. C., 323 W Lake, Chicago, Ill.  
Morris Machine Works, Baldwinsville, New York  
Sands Alfred B. & Son Co., 20 Vesey, New York  
Wilder, Sidney & Co. (Force), Holliston, Mass.

## 11831—\*Pumps (Corn Meal)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*

## 11832— Pumps (Cornish)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*  
Griffith & Wedge Co., Zanesville, O.  
Hendy Joshua Iron Works, 75 Tremont, San Francisco, Cal.



Portage Lake Foundry & Machine Co., Hancock, Mich.  
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.

### 11832a—Pumps (Cotton Seed Oil)

**DE LAVAL STEAM TURBINE CO.** (Centrifugal) East Trenton, N. J.  
*See adv index at end of book*

### 11833—Pumps (Crank & Fly Wheel)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Evans C. H. & Co., 179 Tremont, San Francisco, Cal.  
**GUILD & GARRISON** (Fly Wheel), 463 Kent av, Brooklyn, N. Y.  
 Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

### 11834—Pumps (Creamery)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**De Laval Steam Turbine Co.** (Centrifugal) East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

### Pumps (Deck)

*See Pumps, Ship & Deck*

### 11835—Pumps (Deep Well)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**Aldrich Pump Co.**, Allentown, Pa.  
 American Steam Pump Co., Battle Creek, Mich.  
 Boyts, Porter & Co. (Vertical), Connellsville, Pa.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Century Pump Co., 428 3d av, Brooklyn, N. Y.  
 Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.  
 Columblana Pump Co., Columblana, O.  
 Cook August D. (Steam, Belt & Electric Driven), Lawrenceburg, Ind.  
 Corcoran A. J. (Inc.), 761 Jersey av, Jersey City, N. J.  
 Crestline Mfg. Co. ("Crestline"), Crestline, O.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 Davidson M. T. Co., Tribune bldg., New York  
 Dayton Pump & Mfg. Co., Dayton, Ohio  
**DEMING CO.** (Hand and Power), Salem, O. *See adv index at end of book*  
 Dempster Mfg. & Supply Co., Des Moines, Ia.  
 Douglas W. & B., Middletown, Conn.  
 Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.  
 Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.  
 Evans C. H. & Co. ("Thomson & Evans" Bucket Plunger, Double Acting & Power), 187 Fremont, San Francisco, Cal.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
**Fort Wayne Engineering & Mfg. Co., Ft. Wayne, Ind.**  
 Foster Pump Works, 36 Bridge, Brooklyn, N. Y.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.  
 Hartig Standard Gas Engine Co., 14 Commercial, Newark, N. J.  
 Hess-Snyder Co. ("Novelty"), Massillon, O.  
 Hill Pump Co., Anderson, Ind.  
 Humphries Mfg. Co. ("Monitor" Belt Power or Direct Connected), Mansfield, O.  
 Indiana Air Pump Co. (Air Lift), Indianapolis, Ind.  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Jarecki Mfg. Co. (Brass), Erie, Pa.

Kewanee Private Utilities Co. ("Kewanee" "Unit"), Kewanee, Ill.  
**KEYSTONE DRILLER CO.** ("Downie"), Beaver Falls, Pa.  
 Laursen Automatic Pump Co., Menominee, Wis.  
 McGowan John H. Co., 52 Central av, Cincinnati, O.  
 Manistee Iron Works Co., Manistee, Mich.  
 Mast-Foos & Co., Springfield, O.  
**MYERS F. E. & BRO.** ("Myers" Cog Gear, Branch Pipe, "Ashland," "Imperial"), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 National Steam Pump Co., Upper Sandusky, O.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Peters Pump Co., Kewanee, Ill.  
 Platt Iron Works Co. (Powers), Dayton, Ohio  
 Red Jacket Mfg. Co. ("Red Jacket," Detached Cylinder, etc), Davenport, Ia.  
 Reliance Machine & Tool Works ("Hooker"), Channing & Franklin av, St. Louis, Mo.  
**RUMSEY PUMP CO. (Ltd.)** Box J, Seneca Falls, New York  
*See adv index at end of book*  
 Standard Pump & Engine Co., Akron, O.  
 Trahern Pump Co. (Single & Double Acting, Hand, etc), Rockford, Ill.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Valle-Kimes Co. ("V. & K."), Dayton, O.  
 Warren Steam Pump Co., Warren, Mass.  
 Weinman Pump Mfg. Co. (Electric & Belt Driven), 300 Spruce, Columbus, O.  
 Wilder, Sidney & Co., Holliston, Mass.  
 Wilson & Willard Mfg. Co. (For Oil Wells), Los Angeles, Cal.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### 11836—Pumps (Diaphragm)

American Cement Machine Co., Keokuk, Ia.  
 Barnes Mfg. Co., Mansfield, O.  
 Bond Harold L. Co. ("Atlantic" Portable), 391 Atlantic av, Boston, Mass.  
 Boston & Lockport Block Co., 100 Condor, Boston, Mass.  
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Crestline Mfg. Co. ("Crestline"), Crestline, O.  
**DEMING CO.**, Salem O.  
*See adv index at end of book*  
 Douglas W. & B. ("Acme," "Ajax"), Middletown, Conn.  
 Edson Mfg. Co. ("Edson" Trench Force & Lift), 257 Atlantic av, Boston, Mass.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Humphries Mfg. Co. (Hand or Power), Mansfield, O.  
 Laughlin Thos. Co., Portland, Me.  
 Neptune Hardware Mfg. Co., 54 South, New York  
 Nove Engine Co., Lansing, Mich.  
 Platt Iron Works Co., Dayton, O.  
 Pulsometer Pump Co., 17 Battery pl., New York  
**Rumsey Pump Co., (Ltd.)** Box J, Seneca Falls, New York  
*See adv index at end of book*  
 Schramm Chris. D. & Son (Double for Trench Work), 308 N 4th, Phila., Pa.  
 Waterloo Cement Machy. Corp., Waterloo, Ia.  
 Whitman Agricultural Co., 7000 S. B'way, St. Louis, Mo.

### 11837—Pumps (Distillers')

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal) East Trenton, N. J.  
*See adv index at end of book*

### 11838—Pumps (Double-Acting)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Crestline Mfg. Co. ("Crestline," "Suez" Force & Vulcan Double Power), Crestline, O.  
 Davis-Hansen Co., Oshkosh, Wis.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Douglas W. & B. (Hand or Power), Middletown, Conn.

Fairbanks, Morse & Co. ("Eclipse," "Typhoon"), 900 S Wabash av, Chicago, Ill.  
 Flint & Walling Mfg. Co. ("Fast Mail" Force), Kendallville, Ind.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Leader Iron Works, 201 Jasper, Decatur, Ill.  
 Love M. A. Mfg. Co. ("Western," Hand or Windmill), Rockford, Ill.  
 Peters Pump Co. ("Peters" Electric), Kewanee, Ill.  
 Trahern Pump Co. (Hand or Windmill), Rockford, Ill.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Ward Pump Co. (Hand or Windmill), Rockford, Ill.

### 11839—Pumps (Drain)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

### 11840—Pumps (Drainage)

*See also Hydraulic Rams*

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**ELLCOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Morris Machine Works, Baldwinsville, New York  
**MYERS F. E. & BRO.** ("Myers"), 800 Orange, Ashland, Ohio  
*See adv index at end of book*  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### Pumps (Dredging)

*See Pumps, Sand & Dredging*

### 11841—Pumps (Electric)

Advance Pump & Compressor Co. (Direct Connected), 60 Flint, Battle Creek, Mich.  
**Aldrich Pump Co.** ("Aldrich"), Allentown, Pa.  
 Amer Electric Air Pump Co. (Vacuum), Pittsburgh, Pa.  
 American Steam Pump Co., Battle Creek, Mich.  
 Armstrong Mfg. Co., Waterloo, Ia.  
 Automatic Electric Pump Co., Davenport, Ia.  
 Automatic Rotary Pump Co., Bible House, New York  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Bleyle Electric Co. ("Economic"), 84 Cortlandt, New York  
**BOOMER & BOSCHERT PRESS O.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Bowser S. F. & Co., Ft. Wayne, Ind.  
 Boyts, Porter & Co., Connellsville, Pa.  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Burnett-Larsh Mfg. Co., Dayton, O.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Century Pump Co., 428 3d av, Brooklyn, N. Y.  
 Crestline Mfg. Co., Crestline, Ohio  
 Crowell Mfg. Co., 296 Taaffe pl., Brooklyn, N. Y.  
 Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
 Dayton Pump & Mfg. Co., Dayton, Ohio  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.



**DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.***See adv index at end of book***DEMING CO., Salem, O.***See adv index at end of book***D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Philadelphia, Pa.**

Douglas W. &amp; B., Middletown, Conn.

**Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.**

Dubois Iron Works, Dubois, Pa.

**Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.****ELLICOTT MACHINE CORP., Bush & Severn, Baltimore, Md.***See adv index at end of book***Erwin & Co. (Automatic), 3736 Cottage Grove av, Chicago, Ill.****Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.****Foster Pump Works, 36 Bridge, Brooklyn, N. Y.**

French Oil Mill Machinery Co., Piqua, O.

**Gardner Governor Co., 14 Williamson, Quincy, Ill.****Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.****GOULDS MFG. CO., 71 W Fall, Seneca Falls, N. Y.***See adv index at end of book***Harris Pump & Supply Co., 320 2d av, Pittsburgh, Pa.****Hill Pump Co., Anderson, Ind.**

Humphreys Mfg. Co., Mansfield, O.

**Imperial Iron Works (Mine), Duluth, Minn****Ives Mfg. Co., 203 Hanover, Baltimore, Md.****Jackson Byron Iron Works, Berkeley, Cal.****Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.****Kewanee Private Utilities Co. (For Pumping Water Supply, etc), Kewanee, Ill.****Lawrence Machine Co. ("Lawrence"), 40 Island, Lawrence, Mass.****Lawrence Pump & Engine Co. ("Vortex") Lawrence, Mass.****Leader Iron Works, 201 Jasper, Decatur, Ill.****Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.****Lunt-Moss Co., 43 S Market, Boston, Mass.****McDonald A. Y. Mfg. Co., Dubuque, Ia.****McGowan John H. Co., 52 Central av, Cincinnati, O.****Morris Machine Works, Baldwinsville, New York****MYERS F. E. & BRO. ("Myers") Bulldozer, "Myers" Automatic, 800 Orange, Ashland, O.***See adv index at end of book***Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.****National Transit Pump & Machine Co., Oil City, Pa.***See adv index at end of book***N. Y. Air Brake Co., 165 B'way, New York****Nugent W. W. & Co., 146 W Superior, Chicago, Ill.***See adv index at end of book***Peters Pump Co. ("Peters" Double-Acting), Kewanee, Ill.****Platt Iron Works Co., Dayton, O.****Prescott Co., Menominee, Mich.****Quimby Wm. E. (Direct Connected), 548 W 23rd, New York****Rider-Ericsson Engine Co. ("Reeco"), 20 Murray, New York****Roberts Geo. J. Co., Dayton, O.****Roots P. H. & F. M. Company, Connersville, Ind.****RUMSEY PUMP CO. (Ltd.) Box J, Seneca Falls, New York***See adv index at end of book***Scranton Pump Co., Scranton, Pa.****Standard Pump & Engine Co., Akron, O.****Taber Pump Co. (Portable), Buffalo, N. Y.****Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York****Union Steam Pump Co., Battle Creek, Mich.****Valle-Kimes Co. ("V. & K."), Dayton, O.****Varwig Mfg. Co., 120 Opera pl, Cincinnati, O.****Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.****Whitman Agricultural Co., 7000 S. B'way, St. Louis, Mo.****Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.****Wood R. D. & Co., 400 Chestnut, Phila., Pa.****Worthington Pump & Machy. Corp., 115 B'way, New York****Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.****Automatic Electric Pump Co., Davenport, Ia.****Black & Decker Mfg. Co., 111 So Calvert, Baltimore, Md.****Cleveland Faucet Co. ("Champion" Automatic), Cleveland, O.****Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.****Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.****Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.****Gardner Governor Co., 14 Williamson, Quincy, Ill.****Ives Mfg. Co., 203 Hanover, Baltimore, Md.****Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.****11843—Pumps (Electric House)****Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.****American Steam Pump Co., Battle Creek, Mich.****BEACH-RUSS CO., 220 B'way, New York***See adv index at end of book***Burnett Larsh Mfg. Co. ("Duro"), Dayton, O.****Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.****Flint & Walling Mfg. Co., ("F & W"), Kendallville, Ind.****Humphreys Mfg. Co., Mansfield, O.****Ives Mfg. Co., 203 Hanover, Baltimore, Md.****MYERS F. E. & BRO. ("Myers Automatic Control"), "Myers Hydro-Pneumatic", 800 Orange, Ashland, O.***See adv index at end of book***Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.****11844—Pumps (Electric Pressure)****BOOMER & ROSCHERT PRESS CO., 379 W Water, Syracuse, N. Y.***See adv index at end of book***Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.****Gardner Governor Co., 14 Williamson, Quincy, Ill.****Luitwieler Pumping Engine Co., Rochester, N. Y.****11845—Pumps (Elevator)****Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.****ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.***See adv index at end of book***American Steam Pump Co., Battle Creek, Mich.****Blake Pump & Condenser Co., Fitchburg, Mass.****Blakeslee Mfg. Co., Du Quoin, Ill.****Buffalo Steam Pump Co., Buffalo, N. Y.****Burton & Johnson Co., 2301 Center av, Cleveland, O.****Butler Mfg. Co., Kansas City, Mo.****Davidson M. T. Co., Tribune bldg, New York****Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.****DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.***See adv index at end of book***Douglas W. & B., Middletown, Conn.****Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.****Gardner Governor Co., 14 Williamson, Quincy, Ill.****Garratt W. T. & Co., 299 Tremont, San Francisco, Cal.****Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.****Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.***See adv index at end of book***Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.****Jackson Byron Iron Works, Berkeley, Cal.****McGowan John H. Co., 52 Central av, Cincinnati, O.****National Transit Pump & Machine Co., Oil City, Pa.***See adv index at end of book***Platt Iron Works Co., Dayton, O.****Quimby Wm. E., 548 W 23d, New York****Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, New York***See adv index at end of book***Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York****Union Steam Pump Co., Battle Creek, Mich.****Worthington Pump & Machy. Corp., 115 B'way, New York****11846—Pumps (Fan & Stuff)****Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.****Beloit Iron Works (Stuff), Beloit, Wis.****Black-Clawson Co. ("B-C-Co Fan"), Hamilton, O.****Clark H. C. & Son Machine Co., Lee, Mass.****Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.****DEMING CO. (Duplex & Triplex), Salem, O.***See adv index at end of book***Dillon Machine Co. ("Duplex" & "Triplex" Stuff), Lawrence, Mass.****Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.****Emerson Mfg. Co., Lawrence, Mass.****Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.***See adv index at end of book***Mills Machine Co., Lawrence, Mass.****Morris Machine Works, Baldwinsville, New York****National Transit Pump & Machine Co., Oil City, Pa.***See adv index at end of book***Noble & Wood Machine Co., Hoosick Falls, N. Y.****Pulsometer Steam Pump Co. (Stuff for Pulp Mills), 17 Battery pl, New York****Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.****Sandusky Foundry & Machine Co., Sandusky, Ohio****Sandy Hill Iron & Brass Wks., Hudson Falls, N. Y.****Shartle Bros. Machine Co. (Multiple Fan), Middletown, O.****Union Steam Pump Co., Battle Creek, Mich.****Worthington Pump & Machy. Corp., 115 B'way, New York****11847—Pumps (Filter Press)****Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.****American Steam Pump Co., Battle Creek, Mich.****BEACH-RUSS CO., 220 B'way, New York***See adv index at end of book***Buffalo Steam Pump Co., Buffalo, N. Y.****Cameron A. S. Steam Pump Works, 11 Bowling Green bldg, New York***See adv index at end of book***Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.****Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.****Gardner Governor Co., 14 Williamson, Quincy, Ill.****Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.***See adv index at end of book***Guild & Garrison, 457 Kent av, Brooklyn, N. Y.****Johnson John Co., 203 37th, Brooklyn, N. Y.****Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.****National Transit Pump & Machine Co., Oil City, Pa.***See adv index at end of book***Platt Iron Works Co., Dayton, O.****Shriver T. & Co., Harrison, N. J.****Union Steam Pump Co., Battle Creek, Mich.****Wagener Steam Pump Co., Canton, O.****Worthington Pump & Machy. Corp., 115 B'way, New York****11848—Pumps (Fire)***See also Pumps, Steam***Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.****ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.***See adv index at end of book***American Steam Pump Co., Battle Creek, Mich.****Buffalo Steam Pump Co., Buffalo, N. Y.****Cameron A. S. Steam Pump Works, Bowling Green bldg, New York***See adv index at end of book***DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J.***See adv index at end of book***Earle Gear & Machine Co., Stenton & Wyoming avs, Phila., Pa.****Evans C. H. & Co. ("Thompson & Evans"), 187 Fremont, San Francisco, Cal.****Gardner Governor Co., 14 Williamson, Quincy, Ill.****Hale Fire Pump Co. ("Young Giant"), Wayne, Pa.****Jackson Byron Iron Works (Centrifugal), Berkeley, Cal.**



Myers F. E. & Bro., 800 Orange, Ashland, Ohio. *See adv index at end of book*  
 Seagrave Co., Columbus, O.  
 Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York  
 Union Steam Pump Co., Battle Creek, Mich.  
 Woodard Machine Co., Wooster, O.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### 11849—Pumps (Fire, Hand)

Chicago Fire Apparatus Co. ("Chicago Fire Dept. Style"), 208 N 5th av, Chicago, Ill.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Humphryes Mfg. Co., Mansfield, O.  
 Myers F. E. & Bro., 800 Orange, Ashland, Ohio. *See adv index at end of book*

### 11850—\*Pumps (Fire Protection)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**NATIONAL TRANSIT PUMP & MACHINE CO.** (Foam Pumps) Oil City, Pa. *See adv index at end of book*

### 11851—\*Pumps (Foam Fire-Fighting)

**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*

### 11851a—\*Pumps for Chemical Solutions

**CHEMICAL PUMP & VALVE CO., THE** (Pumps & Valves Made of All Kinds of Acid Resisting Material), 327 Gifford, Perth Amboy, N. J.

### 11852—Pumps for Gasoline Lighting Systems

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

### 11853—Pumps (Force, Horizontal)

Humphryes Mfg. Co. ("Monitor" & "Panama" Belt Power & Direct Connected), Mansfield, O.

### 11854—Pumps (Force & Lift)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Althouse-Wheeler Co. (Hand Force), Waupun, Wis.  
 American Steam Pump Co., Battle Creek, Mich.  
 Athol Pump Co., Athol, Mass.  
 Baker Mfg. Co., Evansville, Wis.  
 Barnes Mfg. Co., Mansfield, O.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Beckman Bros. ("B-B"), Des Moines, Ia.  
 Blymyer Iron Works Co. ("Crown," "Star" Hand & Power Double Acting), Spring Grove av & Terrace pl, Cincinnati, O.  
 Bushnell Pump Co. (Iron, also House & Air Pressure Force Pumps), Bushnell, Ill.  
 C. H. & E. Mfg. Co., 384 Clinton, Milwaukee, Wis.  
 Columbiana Pump Co., Columbiana, O.  
 Corcoran A. J. (Inc.), 761 Jersey av, Jersey City, N. J.  
 Crestline Mfg. Co. ("Crestline" Force & Lift & Force Pump for Drilled Wells & Ratchet Force), Crestline, O.  
 Davis-Hansen Co. (Windmill), Oshkosh, Wis.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Dempster Mfg. & Supply Co., Des Moines, Iowa  
 Douglas W. & B. ("Hector" Long Fulcrum), Middletown, Conn.  
 Dubois Iron Works, Dubois, Pa.  
 Duplex Mfg. Co., Superior, Wis.  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.  
 Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.  
 Garrison Brass & Machine Works, 149 W 35th, New York  
 Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Haydenville Co., Haydenville, Mass.  
 Hayes Pump & Planter Co. (House Windmill, etc), Galva, Ill.  
 Hess-Snyder ("Novelty"), Massillon, O.  
 Humphryes Mfg. Co., Mansfield, O.  
 Ives Mfg. Co. (Electric), 203 Hanover, Baltimore, Md.  
 Kennedy J. E. ("Little Giant" Household for Cleaning Waste Pipes, etc), 30 E 42d, New York  
 Klotz Machine Co. ("Waldkircher's" Oscillating Force Pumps), Sandusky, O.  
 Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 Love M. A. Mfg. Co. (Iron Hand & Windmill Force, etc), Rockford, Ill.  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 Mast-Foos & Co. ("Buckeye"), Springfield, Ohio.  
 Mietz August, 138 Mott, New York  
**MYERS F. E. & BRO.** ("Myers" Submerged Cylinder, Branch Pipe, "Gusher" Cog Gear, "Ashland" Ratchet Handle, Tubular Well, "Imperial" Siphon, House Force, "New Century" Low Down & "Faultless" Bulldozer, "Defiance"), 800 Orange, Ashland, O. *See adv index at end of book*  
 Newark Brass Works ("Lawless" Force for Water Mains), 22 Lawrence, Newark, N. J.  
 Penna. Furnace & Stove Co. (Plumbers' Force), Warren, Pa.  
 Peters Pump Co., Kewanee, Ill.  
 Powell Wm. Co. ("Speedy," "Rapid"), Cincinnati, O.  
 Red Cross Mfg. Co., Bluffton, Ind.  
 Red Jacket Mfg. Co. ("Red Jacket," Single & Double Acting), Davenport, Ia.  
 Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*  
 Schramm Chris D. & Son (For Basements, Excavations & Subways), 308 N 4th, Phila., Pa.  
 Seed Filter & Mfg. Co., 96 Church, New York  
 Trahern Pump Co. (Iron Hand & Windmill Force, etc.), Rockford, Ill.  
 U. S. Wind Engine & Pump Co., Batavia, Ill.  
 Ward Pump Co. (Iron Hand & Windmill Force, etc), Rockford, Ill.  
 Wilder, Sidney & Co., Holliston, Mass.  
 Wistrand Mfg. Co. ("Blue Star," Well, House & Windmill), Galva, Ill.

### 11855—\*Pumps (Fuel Oil)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker"), Springfield, Mass.  
*See adv index at end of book*  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
 Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*

### 11856—Pumps (Galvanized Steel)

Berger Mfg. Co., Canton, O.

### 11857—Pumps (Gas Compressing)

*See also Pumps, Gas Main Force*  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Combination Engine & Compressor Co., Bradford, Pa.  
 Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
 Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.  
 National Fdry & Mach. Co., Louisville, Ky.  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Roots P. H. & F. M. Co., Connersville, Ind.  
 Superior Gas Engine Co., Springfield, O.

### 11858—\*Pumps (Gas Engine Cooling)

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

### 11859—Pumps (Gas Engine Driven)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Standard Pump & Engine Co., Akron, O.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

### 11860—Pumps (Gas Engine Starting)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Caldwell E. R. & Co., Bradford, Pa.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Union Steam Pump Co., Dime Bank bldg, Battle Creek, Mich.

### 11861—Pumps (Gas Fitters' Provisioning)

**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Humphryes Mfg. Co., Mansfield, O.

### 11862-3—Pumps (Gas Main, Force)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Bernz Otto, 21 Ashland av, Newark, N. J.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Garrison Brass & Machine Works, 149 W 35th, New York  
 Simmons John Co., 110 Centre, New York

### 11864—Pumps (Gasoline)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Blackmer Rotary Pump Co., Petoskey, Mich.  
 Bowser S. F. & Co., Fort Wayne, Ind.  
 Butler Mfg. Co., Kansas City, Mo.  
 Channon Jas. H. Mfg. Co. (For Auto Garage), 227 W Erie, Chicago, Ill.  
 Columbian Steel Tank Co., 1605 W 12th, Kansas City, Mo.  
 Crestline Mfg. Co. ("Crestline"), Crestline, Ohio  
 Davis-Hansen Co., Oshkosh, Wis.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Domestic Engine & Pump Co., Shipplinsburg, Pa.  
 Douglas W. & B., Middletown, Conn.  
 Eastern Oil Tank Co. ("Leader," Self-Measuring for Garages), Lowell, Mass.  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
 Field & Shorb Co. ("F. & S. Ideal"), Decatur, Ill.  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker" Self & Non-Measuring), Springfield, Mass.  
*See adv index at end of book*  
**GOULDS MFG. CO.**, 71 W. Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Kewanee Private Utilities Co. (For Pumping Water Supply), West Side, Kewanee, Ill.  
 Kraft A. C. ("Bools," "Coco," "Gross," "Heft," "Stuhl" & "Walker"), 323 W Lake, Chicago, Ill.  
 Leader Iron Works, 201 Jasper, Decatur, Ill.  
 Novo Engine Co. (Direct Connected), Lansing, Mich.  
 Trimount Rotary Power Co. ("Trimount" Rotary Hand), 18 Heath, Boston, Mass.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

### Pumps (Gauge Testing)

*See Gauge Testing Apparatus*



**11865— Pumps (Geared)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 American Steam Pump Co., Battle Creek, Mich.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
**Myers F. E. & Bro. ("Bulldozer")** 800 Orange, Ashland, O.  
*See adv index at end of book*  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Viking Pump Co., Cedar Falls, Ia.

**11866—Pumps (Geared, Oil or Water)**

**For Milling Gear & Chucking Machines, etc**  
 Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Brown & Sharpe Mfg. Co. (For Oil Supply, to Cutting Tools on Lathes, Screw Machines, etc), Providence, R. I.  
 Cincinnati Lubricant Pump Co., Cincinnati, O.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Doehler Die Casting Co., Court & 9th, Brooklyn, N. Y.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**KEYSTONE DRILLER CO. ("Downie")**, Beaver Falls, Pa.  
 Matson Machine Co., Concord, N. H.  
**MYERS F. E. & BRO.**, 800 Orange, Ashland, O. *See adv index at end of book*  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Oberdorfer M. L. Brass Co., Syracuse, N. Y.  
 Platt Iron Works Co., Dayton, O.  
 Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*  
**ROPER C. F. & CO., ("Roper")** Hopedale, Mass. *See adv index at end of book*  
 Stevens Mfg. Co., Dale av, Dayton, O.

**11867—Pumps (Ham Preserving)**

Silver Mfg. Co., Salem, O.

**11868— Pumps (Hand)**

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Bowser S. F. & Co., Ft. Wayne, Ind.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Butler Co., Butler, Ind.  
 Cedar Rapids Pump Co., Cedar Rapids, Ia.  
 Crestline Mfg. Co., Crestline, O.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Dempster Mfg. & Supply Co., Des Moines, Iowa  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
 Fairbanks, Morse & Co., ("Eclipse") 900 S Wabash av, Chicago, Ill.  
 Flint & Walling Mfg. Co., Kendallville, Ind.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hayes Pump & Planter Co., Galva, Ill.  
 Humphries Mfg. Co., Mansfield, O.  
 Kewanee Private Utilities Co., West Side, Kewanee, Ill.  
 Lobbe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
**LUNKENHEIMER CO. ("Alpha," "Universal")**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Lunt Moss Co., 43 S Market, Boston, Mass.  
**MYERS F. E. & BRO. ("Myers" & "Ashland")** Cog Gear, 800 Orange, Ashland, O. *See adv index at end of book*  
 Peters Pump Co. ("Peters"), Kewanee, Ill.  
 Plattner Implement Co., Denver, Colo.  
 Rich Pump Co., South & Depot, Cincinnati, O.  
 Sherwood Mfg. Co., 1709 Elmwood, Buffalo, N. Y.

Trahern Pump Co. (& Hand Force), Rockford, Ill.  
 Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.  
 Ward Pump Co. (& Hand Force), Rockford, Ill.  
**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

**11869—\*Pumps (High Pressure, Oil)**  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.

*See adv index at end of book*  
 Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*

**11869a—\*Pumps (High Service)**

**DE LAVAL STEAM TURBINE CO. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*

**11870—\*Pumps (High Vacuum, for Packing Houses)**

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

**Pumps (Hot Air)**

*See Engines, Pumping, Hot Air*

**11871— Pumps (Hot Well)**

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

**DE LAVAL STEAM TURBINE CO. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*

Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

**11872— Pumps (Household)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Kennedy J. E. ("Little Giant" Lift & Force for Cleaning Waste Pipes, etc), 30 E 42d, New York  
 Standard Pump & Engine Co., Akron, O.

**11873—\*Pumps (House Tank)**

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

**11874-5—Pumps (Hydraulic)**

Adamson Machine Co., Akron, O.  
 Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Armstrong Mfg. Co., Armstrong bldg, Waterloo, Ia.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
 Bishop-Babcock-Becker Co. ("Reliable" Vacuum for Heating Systems), 49th & Hamilton av, Cleveland, O.  
 Blake Pump & Condenser Co., Fitchburg, Mass.  
 Blakeslee Mfg. Co., Du Quoin, Ill.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Bowser S. F. & Co., Ft. Wayne, Ind.  
 Boyts Porter & Co., Connellsville, Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Burroughs Chas. Co., 141 Commerce, Newark, N. J.  
 Bushell G. H. Press Co., Thompsonville, Conn.  
 Caldwell E. R. & Co. (Up to 20 Tons), Bradford, Pa.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 Cardwell Machine Co. (For Oil Mills), Richmond, Va.  
 Chambersburg Engineering Co. (Pressure, Steam or Motor Driven), Chambersburg, Pa.  
**Columbus Steam Pump Works Co., Columbus, O.**  
 Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
 Davis-Johnson Mfg. Co., 4518 Lexington, Chicago, Ill.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

Defiance Machine Works (Double Plunger), Defiance, O.

**DE LAVAL STEAM TURBINE CO. (Centrifugal)**, East Trenton, N. J.

*See adv index at end of book*  
 Douglas W. & B. (up to 300 lbs. pressure), Middletown, Conn.

Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.

Dudgeon Richard, 24 Columbia, New York  
**ELLICOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.

*See adv index at end of book*  
**ELMES CHAS F. ENGINEERING WORKS (INC.)**, c Sangamon & Fulton, Chicago, Ill. *See adv index at end of book*

Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.

Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Farrel Foundry & Mach. Co., Ansonia, Conn.

Federal Brass Works, 3100 S Kedzie, Chicago, Ill.

French Oil Mill Machinery Co., Piqua, O.  
 Galland-Henning Mfg. Co., Railway Exchange bldg., Milwaukee, Wis.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.

Henderer's A. L. Sons, Maryland av & Beach, Wilmington, Del.

Holyoke Machine Co. ("Hercules"), Holyoke, Mass.

Hydraulic Engng. Works, 708 Fulton, Chicago, Ill.

Hydraulic Press Mfg. Co. (Vertical & Horizontal Belt Driven), Mount Gilead, O.

Jackson Byron Iron Works, Berkeley, Cal.  
 Jenkins Machine Co. (For Operating Bending Presses), Sheboygan, Wis.

Jennings Pump & Dredge Co., 305 N. Michigan av, Chicago, Ill.

Kilby Mfg. Co., Cleveland, O.

Laursen Automatic Pump Co., Menomonie, Wis.

Logemann Bros. Co. ("Logemann" High Pressure, Triple Compound), 3130 Burleigh, Milwaukee, Wis.

McGowan John H. Co., 52 Central av, Cincinnati, O.

**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*

Morris Machine Works, Baldwinsville, New York

National Foundry & Machine Co., Louisville, Ky.

National Gauge Co., 300 Pacific, Brooklyn, N. Y.

National Steam Pump Co., Upper Sandusky, O.

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.

Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.

Platt Iron Works Co., Dayton, O.

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.

Robertson Jno. & Co., 133 Water, Brooklyn, N. Y.

**RUMSEY PUMP CO., (Ltd.)** Box J, Seneca Falls, N. Y.

*See adv index at end of book*

Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

Tranter Mfg. Co. ("McFeely"), 105 Water, Pittsburgh, Pa.

Union Steam Pump Co., Battle Creek, Mich.

Wagener Steam Pump Co., Canton, O.

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*

Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.

Westbrook Elevator Co., Danville, Va.

Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Wood Wm. H. Medla, Pa.

**Pumps (Hydraulic Dredging)**

*See Pumps, Sand & Dredging*



**11876—\*Pumps (Hydraulic, Elevator Service)**

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

**11877—Pumps (Hydraulic Pressure)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

French Oil Mill Machinery Co., Piqua, O.

Sandusky Foundry & Machine Co., Sandusky, O.

Worthington Pump & Machy. Corp., 115 B'way, New York

**11878-9—Pumps (Hydraulic Proving)**

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis Ind.

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

Goulds Mfg. Co. 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Union Steam Pump Co., Battle Creek, Mich.

**11880—\*Pumps (Hydraulic Transmission)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

**11881—\*Pumps (Hydraulic-Pneumatic)**

Davis-Hansen Co., Oshkosh, Wis.

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

**11882—Pumps (Intensifier)**

**MORGAN ENGINEERING CO.** (For Forging & Bending), Alliance, O.  
*See adv index at end of book*

**11883—Pumps (Irrigating)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Aermotor Co., 1146 S Campbell av, Chicago, Ill.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

Barnes Mfg. Co., Mansfield, O.

Blakeslee Mfg. Co., Du Quoin, Ill.

Buffalo Steam Pump Co., Buffalo, N. Y.

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

Challenge Co., Batavia, Ill.

Charter Gas Engine Co., Sterling, Ill.

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.

**ELLICOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*

Erie Pump & Equipment Co. (Mounted Portable), Erie, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago Ill.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Haslehurst W. W., 2122 Folsom, San Francisco, Cal.

Humphreys Mfg. Co. ("Monitor"), Mansfield, O.

Jackson Byron Iron Works, Berkeley, Cal.

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

Kingsford Foundry & Machine Works, Oswego, N. Y.

Krogh Mfg. Co., 147 Beale, San Francisco, Cal.

Layne & Bowler Co. ("Layne" Irrigation Well Pumps) Houston, Tex.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*

Luitweller Pumping Engine Co., 125 Ames, Rochester, N. Y.

McGowan Jno. H. Co., 52 Central av, Cincinnati, O.

Mast Foos & Co., Springfield, O.

Morris Machine Works, Baldwinville, New York

**MYERS F. E. & BRO.** ("Myers" Bulldozer), 800 Orange, Ashland, O.  
*See adv index at end of book*

Platt Iron Works Co., Dayton, O.

Pulsometer Steam Pump Co., 17 Battery pl, New York

Roots P. H. & F. M. Co. (Rotary Pressure), Connersville, Ind.

Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*

Samson Iron Works, Stockton, Cal.

Traherm Pump Co., Rockford, Ill.

Twinvolute Pump & Mfg. Co., ("Twinvolute"), 55 William, New York

Union Steam Pump Co., Battle Creek, Mich.

United Iron Works, Oakland, Cal.

U. S. Wind Engine & Pump Co., Batavia, Ill.

Wagener Steam Pump Co., Canton, O.

Ward Pump Co., Rockford, Ill.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

**11884—Pumps (Jet)**

*See also Injectors & Ejectors, Boller*

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Douds Frank C. & Co., New Castle, Pa.

**11885—Pumps (Juice)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

American Steam Pump Co., Battle Creek, Mich.

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Blymyer Iron Works Co. (Hand or Power), Cincinnati, O.

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Hill Pump Co., Anderson, Ind.

Platt Iron Works Co., Dayton, O.

Squier Geo. L. Mfg. Co. (Power & Hand), Buffalo, N. Y.

Union Steam Pump Co., Battle Creek, Mich.

**11886—Pumps (Laboratory Vacuum)**

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N.Y.

Devine J. P. Co., Buffalo, N. Y.

Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.

Schutte & Koerting Co., 1251 N 12th, Phila, Pa.

**11887—Pumps (Liquor)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Central Stamping Co., 174 Fulton, New York

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Judd & Leland Mfg. Co. ("Tornado" Beer), Clifton Springs, N. Y.

National Enameling & Stamping Co., 411 5th av, New York

**11888—\*Pumps (Low Service)**

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York

*See adv index at end of book*

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

**Pumps (Lubricator)**

*See Lubricators, Oil Pump*

**11889—\*Pumps (Magma)**

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York

*See adv index at end of book*

**GUILD & GARRISON**, 463 Kent av., Brooklyn, N. Y.

**11890—Pumps (Manhole & Pile)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

**11891—\*Pumps (Marine, Power)**

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York

*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*

**Pumps (Marine, Steam)**

*See Pumps, Steam*

**Pumps (Measuring)**

*See Pumps, Oil, Self-Measuring*

**11892—\*Pumps (Milk)**

**ELMES CHAS. F. ENGINEERING WORKS, (INC.)**, cor Fulton & Sangamon, Chicago, Ill.

*See adv index at end of book*

**11893—Pumps (Mine)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Aldrich Pump Co. ("Aldrich," Triplex or Quintuplex, Cement Lined Electric), Allentown, Pa.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

American Steam Pump Co., Battle Creek, Mich.

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Blakeslee Mfg. Co., Du Quoin, Ill.

Boys Porter & Co. (Duplex Electric, Wood & Lead Lined), Connellsville, Pa.

Buffalo Steam Pump Co., Buffalo, N. Y.

Burton & Johnson Co., 2301 Center av, Cleveland, O.

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

Columbus Steam Pump Works Co., Columbus, O.

Connellsville Machine & Car Supply Co., Connellsville, Pa.

Crawford & McCrimmon Co. (Lead Lined, Acid Proof), Brazil, Ind.

Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis Ind.

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

D'Olier Centrifugal Pump & Machinery Co., 1421 Chestnut, Philadelphia, Pa.

Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.

Dubois Iron Works, Dubois, Pa.

Edson Mfg. Co. ("Edson" & Prospecting), 257 Atlantic av, Boston, Mass.

**ELLICOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*

Epping-Carpenter Pump Co., ft 43rd, Pittsburgh, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Fairmont Mining Machy Co., Fairmont, W. Va.

Frenier & Son, Rutland, Vt.



Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Garrett W. T. & Co., 299 Fremont, San Francisco, Cal.  
**GOULDS MFG. CO., 71 Wall, Seneca Falls, N. Y. See adv index at end of book**  
 Goyne Steam Pump Co. (Goyne Bros. Props.) Works: Ashland, Pa.  
 Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.  
 Hydraulic Engineering Works, 708 Fulton, Chicago, Ill.  
 Imperial Iron Works (Electric & Steam), Duluth, Minn.  
 Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Kingsford Foundry & Machine Works, Oswego, N. Y.  
 Krogh Mfg. Co., 147 Beale, San Francisco, Cal.  
 Laursen Automatic Pump Co., Menomonie, Wis.  
 Luitwieler Pumping Engine Co., Rochester, N. Y.  
 McGowan John H. Co., 52 Central av, Cincinnati, O.  
 Manistee Iron Works Co., Manistee, Mich.  
 Mine & Smelter Supply Co., 42 B'way, New York  
 Morris Machine Works, Baldwinsville, N. Y.  
 Mount Carmel Iron Works, Mount Carmel, Pa.  
**MYERS F. E. & BRO. ("Myers" & "New Century" Bulldozer), 800 Orange, Ashland, O. See adv index at end of book**  
 National Foundry & Machine Co. ("Springer"), Louisville, Ky.  
 National Steam Pump Co., Upper Sandusky, O.  
**National Transit Pump & Machine Co., Oil City, Pa. See adv index at end of book**  
 Norberg Mfg. Co., Chicago & Oklahoma av, Milwaukee, Wis.  
 Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.  
 Pittsburgh Machine Tool Co. ("Curtis" Rotary), Braddock, Pa.  
 Platt Iron Works Co., Dayton, O.  
 Pomona Mfg. Co., Pomona, Cal.  
 Pulsometer Steam Pump Co., Irvington, N. J.  
 Reliance Machine & Tool Works ("Hooker"), Channing & Franklin avs, St. Louis, Mo.  
 Rumsey Pump Co. (Ltd.) Box J, Seneca Falls, N. Y. *See adv index at end of book*  
 Scranton Pump Co., Scranton, Pa.  
 Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York  
 Union Steam Pump Co., Battle Creek, Mich.  
 Wagener Steam Pump Co., Canton, O.  
 Weinman Pump Co., 300 Spruce, Columbus, O.  
 Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.  
 Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.  
 Woodward Machine Co., Wooster, O.  
 Worthington Pump & Mach. Corp., 115 B'way, New York

### 11893a—\*Pumps (Naphtha)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

### 11894— Pumps (Oil)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
**BEACH-RUSS CO., 220 B'way, New York See adv index at end of book**  
**BECKER MILLING MACHINE CO.** ("Becker" for Machine Tools), Hyde Park, Mass.  
 Bickford Machine Co. ("Bickford" Geared), Greenfield, Mass.  
 Blackmer Rotary Pump Co., Petoskey, Mich.  
 Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.  
 Bowser S. F. & Co., Ft. Wayne, Ind.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Butler Mfg. Co., Kansas City, Mo.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
 Davidson M. T. Co. (For Light Service), 43 Keap, Brooklyn, N. Y.  
**DE LAVAL STEAM TURBINE CO. (Centrifugal), East Trenton, N. J. See adv index at end of book**  
**DEMING CO., Salem, O. See adv index at end of book**  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Gas Machinery Co., 1900 Euclid av, Cleveland, O.  
**GILBERT & BARKER MFG. CO. ("Gilbert & Barker"), Springfield, Mass. See adv index at end of book**  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Kraft A. C. ("Aztec," "Bools," "Coco," "Gross," "Heft," "Midget," "Stuhl," "Walker," "W. & E." & "Zetroe"), 323 W. Lake, Chicago, Ill.  
 Lobee Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 McDonald A. Y. Mfg. Co., (Kerosene & Gasoline Pumping Systems) Du-buque, Ia.  
**NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa. See adv index at end of book**  
 Nugent Wm. W. & Co., 146 W Superior, Chicago, Ill. *See adv index at end of book*  
 Oberdorfer M. L. Brass Co., 810 E Water, Syracuse, N. Y.  
 Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.  
 Platt Iron Works Co. (Power & Steam), Dayton, O.  
 Quimby Wm. E., 548 W 23d, New York  
 Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*  
**ROPER C. F. & CO., ("Roper") Hope-dale, Mass. See adv index at end of book**  
**RUMSEY PUMP CO., (Ltd.) Box J, Seneca Falls, N. Y. See adv index at end of book**  
 Tokheim Mfg. Co., Cedar Rapids, Ia.

Union Steam Pump Co., Battle Creek, Mich.  
 Worthington Pump & Machy. Corp., 115 B'way, New York.

### 11895—\*Pumps (Oil Burning Out-fits)

National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*

### 11895a—\*Pumps (Oil, Electric, Plunger & Geared)



**NUGENT, WM. W. & CO.,**  
 146 W. Superior, Chi-  
 cago, Ill.  
*See adv index at end of book*

### 11896— Pumps (Oil Line)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Jamieson M. W. & Co., Warren, Pa.  
**NATIONAL TRANSIT PUMP & MACHINE CO., Oil City, Pa. See adv index at end of book**  
 Union Steam Pump Co., Battle Creek, Mich.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### 11897—Pumps (Oil, Motor Cycle)

Imperial Brass Mfg. Co., 534 S Racine av, Chicago, Ill. *See adv index at end of book*

### 11898—Pumps (Oil or Gas Well)

American Steam Pump Co., Battle Creek, Mich.  
 Axleson Machine Co., Los Angeles, Cal.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 Darling Pump & Mfg. Co., Williamsport, Pa.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Masseth Packer & Mach. Works, Butler, Pa.  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwich, Conn.  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Wilson & Willard Mfg. Co., Los Angeles, Cal.

# NATIONAL TRANSIT PUMP & MACHINE CO.

Department of Machinery

OIL CITY, PENNA.

MANUFACTURERS OF

Gas Engines, Oil Engines, Pumping Machinery  
 for Oil Lines, Oil Refineries, Tank Steamers,  
 Water Works, Etc.

Oil, Gas Line and Refinery Fittings and Tools



**11899—\*Pumps (Oil Refinery)**

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*

**11900—Pumps (Oil Rotary)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**Beman Automatic Oil Can Co. (Ltd.)** ("Beman"), Rotary Force for Oil & Other Liquids, Meadville, Pa.  
**Bowser S. F. & Co.**, Fort Wayne, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker"), Springfield, Mass.  
*See adv index at end of book*  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Lobe Pump & Machinery Co.**, 111 Dearborn, Buffalo, N. Y.  
**Lucey Mfg. Corp. of Tenn.**, Chattanooga, Tenn.  
**Metals Production Equipment Co.**, 105 W 40th, New York. Works: Springfield, Mass.  
**NUGENT WM. W. & CO.** (Plunger & Electric), 146 W Superior, Chicago, Ill.  
*See adv index at end of book*  
**Obendorfer M. L. Brass Co.**, Syracuse, N. Y.  
**Oil Well Supply Co.**, 215 Water, Pittsburgh, Pa.  
**Rockwell W. S. Co.**, 50 Church, New York  
*See adv index at end of book*  
**Taber Pump Co.**, Buffalo, N. Y.  
**Wilgus Mfg. Co.** ("Wilgus"), Los Angeles, Cal.  
**Witt G. E. Co.**, 862 Howard, San Francisco, Cal.

**11901—Pumps (Oil, Self-Measuring)**

**American Oil Pump & Tank Co.**, Cincinnati, O.  
**Beman Automatic Oil Can Co. (Ltd.)** ("Beman"), Meadville, Pa.  
**Bowser S. F. & Co.**, Fort Wayne, Ind.  
**Chapin R. E. Mfg. Works** ("Guthrie"), Batavia, N. Y.  
**Columbian Steel Tank Co.**, Kansas City, Mo.  
**Eastern Oil Tank Co.** (Chas. E. Gee, Prop.), Lowell, Mass.  
**Enterprise Mfg. Co. of Pa.**, 3d & Dauphin, Phila., Pa.  
**Freeland B. F. Sons Co.**, Sturgis, Mich.  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker"), Springfield, Mass.  
*See adv index at end of book*  
**Jones Automatic Measuring Pump Co.**, Shelbyville, Ind.  
**Kewanee Private Utilities Co.**, West Side, Kewanee, Ill.  
**Kraft A. C.**, 323 W Lake, Chicago, Ill.  
**Milwaukee Tank Works** ("Milwaukee," "Quality"), 156 Clinton, Milwaukee, Wis.  
**National Pump Co.**, Dayton, O.  
**Richardson-Phenix Co.**, 122 Reservoir av, Milwaukee, Wis.  
**Texas Co.**, 17 Battery pl, New York  
**Tokheim Mfg. Co.** (For Gasoline, Lubricating & Paint Oils), Cedar Rapids, Iowa  
**Vac Liquid Equipment Co.** ("Vac"), Cedar Rapids, Ia.  
**Wayne Oil Tank & Pump Co.**, Ft. Wayne, Ind.  
**Western Oil Pump & Tank Co.**, 2437 Koschusko, St. Louis, Mo.  
**Wilson F. Cortez Co.**, 323 W Lake, Chicago, Ill.

**11902—Pumps (Oil, Tin & Galvanized)**

**AMERICAN CAN CO.**, 120 Broadway, New York  
*See adv index at end of book*  
**Chapin R. E. Mfg. Works** ("Eclipse," "Ideal," "Handy"), Batavia, N. Y.  
**Delphos Mfg. Co.**, 1st & Pierce, Delphos, O.  
**Gordon-Lawless Co.**, Omaha, Neb.

**Hemp & Co.**, Vandeventer nr Shaw, St. Louis, Mo.  
**Kraft A. C.**, 323 W Lake, Chicago, Ill.  
**National Enameling & Stamping Co.**, 411 5th av, New York

**11903—\*Pumps (Outside Packed)**

**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**National Transit Pump & Machine Co.**, Oil City, Pa.  
*See adv index at end of book*

**11904—Pumps (Packing House)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**Beach-Russ Co.**, 220 B'way, New York  
*See adv index at end of book*  
**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**Gardner Governor Co.**, 14 Williamson, Quincy, Ill.

**11905—Pumps (Paper Makers' Fan)**

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Morris Machine Works**, Baldwinsville, New York  
**Rumsey Pump Co. (Ltd.)** (For Forcing & Raising Pulp, etc), Box J, Seneca Falls, N. Y.  
*See adv index at end of book*

**11906—Pumps (Paper Mill)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
**Buffalo Steam Pump Co.**, Buffalo, N. Y.  
**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.  
**Gardner Governor Co.**, 14 Williamson, Quincy, Ill.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Kingsford Fdry. & Mach. Works**, Oswego, N. Y.  
**Kinney Mfg. Co.** ("Kinney"), 3541 Washington, Boston, Mass.  
**Moore & White Co.**, N 15th & Lehigh av, Phila., Pa.  
**Morris Machine Works**, Baldwinsville, New York  
**Nash Engineering Co.** ("Nash" Hydro-turbine), South Norwalk, Conn.  
**National Transit Pump & Galvanized Co.**, Oil City, Pa.  
*See adv index at end of book*  
**Platt Iron Works Co.**, Dayton, O.  
**Rice-Barton & Fales Machine & Iron Co.**, Worcester, Mass.  
**Smith & Winchester Mfg. Co.**, S Windham, Conn.  
**Twinvolute Pump & Mfg. Co.** ("Twinvolute"), 55 William, New York  
**Union Steam Pump Co.**, Battle Creek, Mich.  
**Worthington Pump & Machy. Corp.**, 155 B'way, New York

**11907—\*Pumps (Paper Mill Suction Box Vacuum)**

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**Nash Engineering Co.** ("Nash" Hydro-turbine), South Norwalk, Conn.

**11907a—\*Pumps (Pipe Line)**

**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*

**11908—Pumps (Pitcher Spout)**

**Columbiana Pump Co.**, Columbiana, O.  
**Crestline Mfg. Co.** ("Crestline"), Crestline, Ohio  
**Davis-Hansen Co.**, Oshkosh, Wis.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Douglas W. & B.**, Middletown, Conn.  
**Flint & Walling Mfg. Co.** ("Hoosier"), Kendallville, Ind.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Hayes Pump & Planter Co.**, Galva, Ill.  
**Humphreys Mfg. Co.**, (Porcelain or Brass Lined, Iron or Brass), Mansfield, O.  
**Love M. A. Mfg. Co.**, Rockford, Ill.  
**MYERS F. E. & BRO.** ("Myers" Brass Cylinder, Cog Gear) 800 Orange, Ashland, O.  
*See adv index at end of book*  
**Peters Pump Co.**, Kewanee, Ill.  
**Red Jacket Mfg. Co.** ("Red Jacket"), Davenport, Ia.  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Trahern Pump Co.**, Rockford, Ill.  
**Ward Pump Co.**, Rockford, Ill.

**11909—\*Pumps (Plantation)**

**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**De Laval Steam Turbine Co. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**ELLCOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*

**11910—Pumps (Plumbers')**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**Barnes Mfg. Co.**, Mansfield, O.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Douglas W. & B.**, Middletown, Conn.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Kirkup Robert & Co.**, 616 Lodge, Cincinnati, O.  
**Knapp Mfg. & Supply Co.**, 241 Water, New York  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Wolverine Brass Works** ("Plumbers' Friend"), Grand Rapids, Mich.

**11911—Pumps (Plumbers' Force)**

**Bernz Otto**, 21 Ashland av, Newark, N. J.  
**Boekel Wm. & Co.** (Inclined Air), 518 Vine, Phila., Pa.  
**Crestline Mfg. Co.**, Crestline, O.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Elkhart Rubber Works** (Rubber), Elkhart, Ind.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Kennedy J. E.** ("Little Giant," Lift & Force), 30 E 42d, New York  
**Penna. Furnace & Stove Co.**, Warren, Pa.  
**Perkes Chas.** (Est. of), 625 Arch, Phila., Pa.  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*

**11912—Pumps (Plunger)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**Bowser S. F. & Co.**, Ft. Wayne, Ind.  
**Boys, Porter & Co.** ("Yough," Wood Lead Lined), Connellsville, Pa.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*



Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Kinney Mfg. Co. ("Kinney" Rotating for Heating Plants), 3541 Washington, Boston, Mass.  
 Laughlin Thos Co. ("Russell"), Portland, Me.  
 Mauch Chunk Iron Works, Mauch Chunk, Pa.  
**MYERS F. E. & BRO. ("Myers")**, 300 Orange, Ashland, O.  
*See adv index at end of book*  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
 Nugent W. W. & Co., 146 W Superior, Chicago, Ill. *See adv index at end of book*  
 Pomona Mfg. Co., Pomona, Cal.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Woodard Machine Co., Wooster, O.

### 11913—Pumps (Pneumatic)

*See also Pneumatic Pumping Systems*  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Chicago Pump Co. (Water Supply), 904 W Lake, Chicago, Ill.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Davis-Hansen Co., Oshkosh, Wis.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Fairbanks, Morse & Co. (Also Auto-Pneumatic), 900 S Wabash av, Chicago, Ill.  
 Fort Wayne Engineering & Mfg. Co. ("Paul"), Fort Wayne, Ind.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*  
 Lunt Moss Co., 43 S Market, Boston, Mass.  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 Merritt Hydraulics Co., 110 N Broad, Phila., Pa.  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
 Peters Pump Co., Kewanee, Ill.  
 Worthington Pump & Machinery Corp., 115 B'way, New York

### 11914—Pumps (Pneumatic Displacement)

Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*  
 Latta-Martin Pump Co., Hickory, N. C.

### 11915—Pumps (Power)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**ALLIS-CHALMERS MFG. CO.** ("Duplex"), Milwaukee, Wis.  
*See adv index at end of book*  
 American Cement Machine Co., Keokuk, Ia.  
 American Steam Pump Co., Battle Creek, Mich.  
 Armstrong Mfg. Co., 200 Armstrong bldg, Waterloo, Ia.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Bessemer Gas Engine Co., Grove City, Pa.  
**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
 Bowser S. F. & Co., Fort Wayne, Ind.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 Carlin John H. Machine Co. (& Steam), Pittsburgh, Pa.  
 Challenge Co., Batavia, Ill.  
 Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.  
 Columbian Pump Co., Columbian, O.  
 Columbus Steam Pump Works Co., Columbus, O.  
 Connersville Blower Co., Connersville, Ind.  
 Crestline Mfg. Co. ("Crestline" Belt Driven), Chestline, O.

Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
 Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
 Dayton Pump & Mfg. Co., Dayton, O.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Dubois Iron Works (High Duty), Dubois, Pa.  
 Evans C. H. & Co., 187 Fremont, San Francisco, Cal.  
 Fairbanks, Morse & Co. ("Fairbanks Morse," "Typhoon" & "Eclipse"), 900 S Wabash av, Chicago, Ill.  
 Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.  
 Ft. Wayne Engineering & Mfg. Co., Ft. Wayne, Ind.  
 Foster Pump Works (Electric & Belt Driven), 36 Bridge, Brooklyn, N. Y.  
 French Oil Mill Machinery Co. (High & Low Pressure for Cottonseed & Linseed Oil Mills, etc), Piqua, O.  
 Fulton Machine & Vise Co., Lowville, N. Y.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Hayes Pump & Planter Co. (Triple Cylinder), Galva, Ill.  
 Hill Pump Co., Anderson, Ind.  
**HOOVEN, OWENS, RENTSCHLER CO.** ("Hamilton"), Hamilton, O.  
*See adv index at end of book*  
 Humphreys Mfg. Co. (For Contractors' Use), Mansfield, O.  
 Hydraulic Press Mfg. Co., Mt. Gilead, O.  
 Jervis Engine & Machine Works ("Jarvis"), Lansing, Mich.  
 La Vergne Pump Co. (Portable Gasoline), 284 No 5th, Newark, N. J.  
 Lobe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 Lucas Pump Co. ("Lucas" Double Acting Triplex), Dayton, O.  
 McDonald A. Y. Mfg. Co. (Air & Water), Dubuque, Ia.  
 McGowan John H. Co., 52 Central av, Cincinnati, O.  
 Mast, Foss & Co. ("Buckeye" Force), Springfield, O.  
**MYERS F. E. & BRO. ("Myers")** Bulldozer & Hydro-Pneumatic Imperial), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
 National-Standard Co., Box 211, Niles, Mich.  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
 Peters Pump Co., Kewanee, Ill.  
 Platt Iron Works Co., Dayton, O.  
 Quimby Wm. E., 548 W 23rd, New York  
 Roberts Geo. J. Co., Dayton, O.  
 Roots P. H. & F. M. Company, Connersville, Ind.  
 Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Sandusky Foundry & Machine Co., Sandusky, O.  
 Scranton Pump Co., Scranton, Pa.  
 Smedley Steam Pump Co., Dubuque, Ia.  
 Stewart Heater Co., Buffalo, N. Y.  
 Tokheim Mfg. Co. (For Gasoline, Lubricating & Paint Oils), Cedar Rapids, Ia.  
 Trimount Rotary Power Co. ("Trimount" Rotary), 18 Heath, Boston, Mass.  
 Union Steam Pump Co., Dime Bank bldg, Battle Creek, Mich.  
 Walker Mfg. Co. (Up to 1,000,000 Gallons Daily), Fenton, Mich.  
 Warren Steam Pump Co., Warren, Mass.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
 Weinman Pump Mfg. Co. (Geared, Electric, Belt Driven, etc), 300 Spruce, Columbus, O.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.  
 Worthington Pump & Machinery Corp., 115 B'way, New York

### Pumps (Pressure)

*See Pumps, Steam*

### 11916—\*Pumps (Pressure Tank)

National Transit Pump & Machine Co., Oil City, Pa.  
*See adv index at end of book*

### 11917—\*Pumps (Private Water Works)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*

### 11918—Pumps (Propeller)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Morris Machine Works, Baldwinsville, N. Y.

### 11919—Pumps (Pulp Grinder)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

### 11920—\*Pumps (Quarry)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**ELLCOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*  
 Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*

### 11921—\*Pumps (Railroad Force)

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

### 11922—\*Pumps (Reciprocating)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

### 11923—\*Pumps (Reclamation)

Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
 De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**ELLCOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

### 11924—\*Pumps (Return Line Vacuum Heating)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11925—Pumps (Rotary)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Bagley & Sewall Co. (And Reciprocating), Watertown, N. Y.  
 Barnes Mfg. Co., Mansfield, O.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
 Blackmer Rotary Pump Co., Petoskey, Mich.  
 Bowser S. F. & Co., Fort Wayne, Ind.  
 Century Pump Co., 428 3d av, Brooklyn, N. Y.



Crowell Mfg. Co., 296 Taaffe pl, Brooklyn, N. Y.  
 Davis-Johnson Mfg. Co., 4518 Lexington, Chicago, Ill.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Diamond Machine Co., Monongahela, Pa.  
 Douglas W. & B., Middletown, Conn.  
 Fairbanks, Morse & Co. (Force, etc), 900 S Wabash av, Chicago, Ill.  
 Foster Pump Works (Also Rotary Handle), 36 Bridge, Brooklyn, N. Y.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hersey Mfg. Co. (Soap), First, South Boston, Mass.  
 Holyoke Machine Co., Holyoke, Mass.  
 Humphrey Machine Co., Keene, N. H.  
 Humphreys Mfg. Co. (Garage), Mansfield, Ohio  
 Hunt Rodney Mach. Co. (Fire), Orange, Mass.  
 Hydraulic Press Mfg. Co., Mt. Gilead, O.  
 Kraft A. C. (Force, etc), 323 W Lake, Chicago, Ill.  
 Lipman Mfg. Co., Beloit, Wis.  
 Lobe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
 Perrin Wm. R. & Co., Old Colony bldg, Chicago, Ill.  
 Pittsburgh Machine Tool Co. ("Curtis" Mine), Braddock, Pa.  
 Ross Chas. & Son Co. ("Ross" for White Lead & Putty), 148 Classon av, Brooklyn, N. Y.  
**RUMSEY PUMP CO. (LTD.)** (Force, Fire & Oil Service), Box J, Seneca Falls, N. Y. *See adv index at end of book*  
 Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.  
 Taber Pump Co. (Beer Circulating & Racking, etc), Buffalo, N. Y.  
 Trahern Pump Co. (Head & Power), Rockford, Ill.  
 Trimount Rotary Power Co. ("Trimount" Hand & Power), 18 Heath, Boston, Mass.  
 Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York  
 Wing L. J. Mfg. Co. (Small, for Heavy Liquids, etc), 352 W 13th, New York  
 Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.

### Pumps (Rotary Oil)

See Pumps, Oil Rotary

### 11926—\*Pumps (Rotative Dry Vacuum)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11927—Pumps (Sand Feed, Stone Sawing)

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Frenier & Son, Rutland, Vt.

### 11928—Pumps (Sand & Dredging)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**ELLCOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*  
 Erie Pump & Equipment Co., Erie, Pa.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Fort Worth Well Machy. & Supply Co. (Sand for Cleaning Out), Fort Worth, Tex.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hendy Joshua Iron Works (Spiral Sand Pumps), 75 Fremont, San Francisco, Cal.  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Kansas City Hay Press Co. ("Lightning" Pump, Sand Only), Kansas City, Mo.  
 Kingsford Foundry & Machine Works (Belt or Engine Driven, etc), Oswego, N. Y.  
 Larkin & Co. ("Palm's" Combination Sand Pump & Butler, "Larkin" Improved Sand Pump), Butler, Pa.

Lawrence Pump & Engine Co. ("Vortex" Belt & Engine Driven), Lawrence, Mass.  
 Morris Machine Works, Baldwinsville, N. Y.  
 Norbom Engineering Co. (Dredging), Denckler bldg, Phila., Pa.  
 Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.  
 Potts C. & A. & Co., Indianapolis, Ind.  
 Pulsometer Steam Pump Co., 17 Battery pl, New York  
 Strait H. N. Mfg. Co., Kansas City, Kans.  
 Taylor-Wharton Iron & Steel Co. (Hydraulic), High Bridge, N. J.  
 United Iron Works, Oakland, Cal.  
 Van Wie Pump Co., Syracuse, N. Y.  
 Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
 Yuba Construction Co., Marysville, Cal.

### 11929— Pumps (Screw)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

### Pumps (Self-Measuring)

See Pumps, Oil, Self-Measuring

### 11930—Pumps (Service & Drip)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Phoenix Meter Co., Camden, N. J.

### 11931— Pumps (Sewage)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Cement Machine Co., Keokuk, Ia.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Dubois Iron Works, Dubois, Pa.  
 Economy Pumping Machinery Co., 116 N Carpenter, Chicago, Ill.  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
**ELLCOTT MACHINE CORP.**, Bush & Severn, Baltimore, Md.  
*See adv index at end of book*  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Latta-Martin Pump Co., Hickory, N. C.  
 Lobe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
 Merritt Hydraulics Co., 110 N Broad, Phila., Pa.  
 Morris Machine Works, Baldwinsville, N. Y.  
 Priestman Albert ("Priestman"), 328 Chestnut, Philadelphia, Pa.  
 Quimby Wm. E., 548 W 23d, New York  
 Twinvolute Pump & Mfg. Co. ("Twinvolute"), 55 William, New York  
 Union Steam Pump Co., Battle Creek, Mich.  
 Worthington Pump & Machy. Corp., 155 B'way, New York

### 11932—Pumps (Ship & Deck)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Barnes Mfg. Co., Mansfield, O.  
 Bishop's Wm. Sons (Brass Deck Fire), 18 James, New York  
 Columbiana Pump Co., Columbiana, O.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

### DEMING CO., Salem, O.

*See adv index at end of book*  
 Douglas W. & B., Middletown, Conn.  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Humphreys Mfg. Co., Mansfield, O.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 Marine Mfg. & Supply Co., 158 South, New York  
**MYERS F. E. & BRO.** (Century Defiance), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Sands Alfred B. & Son Co., 20 Vesey, New York  
 Union Steam Pump Co., Battle Creek, Mich.  
 Van Duzen E. W. Co., 428 E 2d, Cincinnati, O.  
 Whitman Agricultural Co., 7000 S B'way, St. Louis, Mo.

### 11933— Pumps (Sinking)

Aldrich Pump Co. (Electric, Vertical, Triplex, etc.), Allentown, Pa.  
 American Steam Pump Co., Battle Creek, Mich.  
 Boyts, Porter & Co., Connellsville, Pa.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
 Fairbanks, Morse & Co. (Electric & Steam), 900 S Wabash av, Chicago, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.  
 Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.  
 Imperial Iron Works, Duluth, Minn.  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Krogh Mfg. Co., 147 Beale, San Francisco, Cal.  
 Luitwieler Pumping Engine Co., Rochester, N. Y.  
 National Steam Pump Co., Upper Sandusky, O.  
 Platt Iron Works Co., Dayton, O.  
 Union Iron Works Co., 20th & Michigan, San Francisco, Cal.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Worthington Pump & Machy. Corp. (Electric Mine), 115 B'way, New York

### 11934— Pumps (Size)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Saco-Lowell Shops (Hydraulic), 77 Franklin, Boston, Mass.

### 11935— Pumps (Slip)

American Clay Machinery Co. (Portable Hand Power, with Tank), S Walnut, Bucyrus, O.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

### 11936— Pumps (Slurry)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

### 11937— \*Pumps (Slush)

**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*



**11938— Pumps (Soapmakers')**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Dean Bros. Steam Pump Works, Indianapolis, Ind.  
 De Laval Steam Turbine Co., East Trenton, N. J. *See adv index at end of book*  
 Hersey Mfg. Co. (Rotary), First, South Boston, Mass.

**11939— Pumps (Spray)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 American Steam Pump Co., Battle Creek, Mich.  
 Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
 Brandt Mfg. Co. ("Eureka," Compressed Air, "Peerless," "Perfection," "Simplex"), 310 3rd av N, Minneapolis, Minn.  
 Brown E. C. Co. ("Auto Spray"), Rochester, N. Y.  
 Bushnell Pump Co., Bushnell, Ill.  
 Columbiana Pump Co., Columbiana, O.  
 Crestline Mfg. Co., Crestline, O.  
 Dayton Mfg. Co., Dayton, O.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

**DEMING CO., Salem, O.**

*See adv index at end of book*

Doughton H. W., Moorestown, N. J.  
 Douglas W. & B., Middletown, Conn.  
 Eureka Mower Co. (Atomizers), 16 Hickory, Utica, N. Y.  
 Fairbanks, Morse & Co., ("Typhoon"), 900 S Wabash av, Chicago, Ill.  
 Favorite Mfg. Co. ("Favorite"), 115 W Erie, Columbus, O.  
 Field Force Pump Co. ("Empire King, Garfield Knapsack & Aroostock," "Wooster," "Watson - Ospraymo," "Watson - Vineyard," "Red - Jacket," "Empire Leader," "Junior Leader," "Senior Leader," "Royal Leader," Potato Sprayer), Columbus, Ohio  
 Fitzhenry-Guptill Co. (Power), 49 Washington N, Boston, Mass.  
 Flater H. & Son, Findlay, O.  
 Friend Mfg. Co. (Hand), Gasport, N. Y.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Hardie Mfg. Co., Hudson, Mich.  
 Hayes Pump & Planter Co. (Hand & Power), Galva, Ill.  
 Hess, Snyder Co. ("Novelty"), Massillon, Ohio  
 Humphreys Mfg. Co. ("Farmers Choice"), Mansfield, O.  
 Hurst H. L. Mfg. Co. ("Fitz-All" Combination Potato & Orchard Horse & Wheelbarrow Power), Canton, O.  
 Judd & Leland Mfg. Co. ("Cyclone," "Little Wonder," "Tornado," "Little Grand"), Clifton Springs, N. Y.  
 Koenigkramer F. F. (For Trees, Whitewashing & Water Painting), 1914 Western av, Cleveland, O.

Kohler F. E. Co., Canton, O.  
 Latham & Co., Sandusky, O.  
 Lauson-Lawton Co., De Pere, Wis.  
 Lowell Specialty Co., Lowell, Mich.  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 Mast, Foos & Co. ("Buckeye"), Springfield, O.  
 Morrill & Morley Mfg. Co. ("Eclipse" & "Eureka"), Benton Harbor, Mich.

**MYERS F. E. & BRO.** ("Little Giant," "Imperial" Lever Bucket, "Myers Improved," "Myers Handy," "Myers O. K.," "Myers Perfect," "Myers" Whitewashing or Painting Machine, "Myers" Hydraulic, "Myers" Cog Gear, "Myers Century," "Myers Pitman" Power, "Myers" Back Geared, "Myers" Fountain, "Myers Faultless," "Defiance," Double Cylinder, & Cog Gear, "Duplex" Automatic), 800 Orange, Ashland, O.  
*See adv index at end of book*

Niagara Sprayer Co., Middleport, N. Y.  
 Orchard Machinery Mfg. Co. ("Gamo Triplex" Orchard), Gasport, N. Y.  
 Peppler Thos. Son & Co. ("Perfection" Sprayers), Hightown, N. J.  
 Potato Implement Co. (Knapsack Sprayers Atomizers & Powder Guns), Traverse City, Mich.  
 Red Cross Mfg. Co., Bluffton, Ind.  
 Rippley Mfg. & Steel Boat Co. (Sprayers), Grafton, Ill.  
 Rochester Spray Pump Co. ("W. & R."), Rochester, N. Y.  
 Rome Bicycle Mfg. Co., Rome, N. Y.  
 Rumsey Pump Co. (Ltd.), (Force & Knapsack), Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Smith D. B. & Co., Utica, N. Y.  
 Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.  
 Standard Stamping Co. ("Standard"), Marysville, O.  
 Star Brass Wks., 319 N Albany av, Chicago, Ill.  
 Termaat & Monahan Co. (Spraying Outfits), Oshkosh, Wis.  
 Trahern Pump Co., Rockford, Ill.  
 Union Steam Pump Co. (Fruit Spraying), Battle Creek, Mich.  
 Ward Pump Co., Rockford, Ill.  
 Wright Mfg. Co., Pontiac, Mich.

**11940—Pumps (Spray, Barrel)**

Barnes Mfg. Co., Mansfield, O.  
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
 Bean Spray Pump Co., San Jose, Cal.  
 Brandt Mfg. Co. ("Wide World"), 310 3rd av N, Minneapolis, Minn.  
 Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.  
 Bushnell Pump Co., Bushnell, Ill.  
 Church Bros., Adrian, Mich.  
 Columbiana Pump Co., Columbiana, O.  
 Crestline Mfg. Co. ("Crestline, Double Acting, etc), Crestline, O.  
**DEMING CO.** ("Captain," "Century," "Major"), Salem, O.  
*See adv index at end of book*  
 Douglas W. & B. ("Arlington," "Saybrook"), Middletown, Conn.  
 Field Force Pump Co. ("Empire King," "Junior Empire"), Elmira, N. Y.  
 Friend Mfg. Co., Gasport, N. Y.

Goulds Mfg. Co. ("Fruitfull," "Pomona," "Savelot," "Standard"), 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Hardie Mfg. Co., Hudson, Mich.  
 Hayes Pump & Planter Co., Galva, Ill.  
 Humphreys Mfg. Co. ("Protector"), Mansfield, O.  
 LeRoy Plow Co., LeRoy, N. Y.  
 Mast, Fols & C. ("Buckeye"), Springfield, O.  
 Morrill & Morley Mfg. Co., Benton Harbor, Mich.

**MYERS F. E. & BRO.** ("Century," "Perfect" Cog Gear), 800 Orange, Ashland, O. *See adv index at end of book*  
 Rochester Spray Pump Co., Rochester, N. Y.  
 Rumsey Pump Co. (Ltd.), ("Harvard," "Essex," "Superior"), Box J, Seneca Falls, N. Y. *See adv index at end of book*  
 Smith D. B. & Co. ("Lightning" & "Yankee"), Utica, N. Y.  
 Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.

**11941—Pumps (Spray, Bucket)**

Barnes Mfg. Co. ("Perfection"), Mansfield, O.  
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
 Bean Spray Pump Co., San Jose, Cal.  
 Brown E. C. Co. ("Auto-Spray"), Rochester, N. Y.  
 Bushnell Pump Co., Bushnell, Ill.  
 Church Bros., Adrian, Mich.  
 Crestline Mfg. Co. ("Crestline"), Crestline, O.  
**DEMING CO.** ("Perfect Success," "Prize," "Success"), Salem, O.  
*See adv index at end of book*  
 Douglas W. & B. ("Aquadeller," "Aqua Jack," "Gardener," "Aquadult," "Aquarius"), Middletown, Conn.  
 Field Force Pump Co. ("Little Gem"), Elmira, N. Y.  
 Goulds Mfg. Co. ("Bordeau," "Premier"), 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Hardie Mfg. Co., Hudson, Mich.  
 Hoil Mfg. Co. ("Novelty"), 45 N Division, Buffalo, N. Y.  
 Humphreys Mfg. Co., Mansfield, O.  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
**MYERS F. E. & BRO.** ("Defiance," "Imperial," "Little Giant," "Perfect" Cog Gear Lever), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 Rochester Spray Pump Co., Rochester, N. Y.  
 Smith D. B. & Co. ("Lightning"), Utica, N. Y.  
 Stahl Wm. Sprayer Co. ("Excelsior"), Quincy, Ill.

**11942— \*Pumps (Station)**

**CAMERON A. S. STEAM PUMP WORKS,** Bowling Green bldg, New York  
*See adv index at end of book*

**11943— Pumps (Steam)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**ALLIS-CHALMERS MFG. CO.,** Milwaukee, Wis. *See adv index at end of book*

## Send Corrections and Additions to the Publishers

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"L-T" Multi-Stage  
Pump for High Heads



"D-V" Volute Pump  
for General Service

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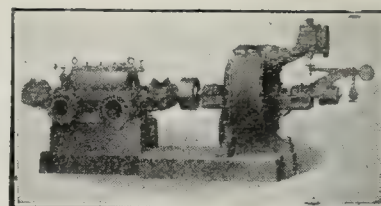
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"B-T" High Speed  
Boiler Feed Pump



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Pump for Low Heads

American Steam Pump Co., Battle Creek, Mich.  
Amer. Well & Prospecting Co., Corsicana, Tex.  
Anderson Mach. & Fdry. Co., Anderson, S. C.  
Blakeslee Mfg. Co., DuQuoin, Ill.  
Boyts Porter & Co. ("Yough"), Connells-ville, Pa.  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av., Buffalo, N. Y.  
*See adv index at end of book*  
Buffalo Steam Pump Co., Buffalo, N. Y.  
Burton & Johnson Co., 2301 Center av., Cleveland, O.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg., New York  
*See adv index at end of book*  
Cardwell Machine Co., Richmond, Va.  
Carthage Fdry & Machine Works, Carthage, Mo.  
Century Pump Co. (Direct Acting & Duplex), 428 3d av., Brooklyn, N. Y.  
Century Pump Works, Carthage, Mo.  
Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.  
Columbus Steam Pump Works Co., Columbus, Ohio  
Connellsville Machine & Car Supply Co. ("Lafayette"), Connellsville, Pa.  
Cook August D. (Deep Well), Lawrenceburg, Ind.  
Crawford & McCrimmon Co., Brazil, Ind.  
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.  
Dubois Iron Works ("Simplex"), Dubois, Pa.  
Edwards Jos. & Co., 827 E. 9th, New York  
Emerson Steam Pump Co. (Steam Vacuum), Alexandria, Va.  
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.  
Evans C. H. & Co. ("Thomson & Evans"), 187 Fremont, San Francisco, Cal.  
Fairbanks, Morse & Co., 900 S Wabash av., Chicago, Ill.  
Foster Pump Works ("Hardick"), 36 Bridge, Brooklyn, N. Y.  
Fritz Geo. J. Foundry & Machine Co. (Brewers' Steam Air), 2018 S 3d, St. Louis, Mo.  
Furness Bros. Co., 1613 Walnut, Chicago, Ill.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.  
**GODFREY-KEELER CO.**, 70 Warren, New York  
*See adv index at end of book*  
Goynes Steam Pump Co., Ashland, Pa.  
Grant Iron Works, Mahanoy City, Pa.

Great Lakes Engng. Works, Detroit, Mich.  
**GUILD & GARRISON**, 463 Kent av., Brooklyn, N. Y.  
Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.  
Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.  
Hill Pump Co., Anderson, Ind.  
Hills, McCanna Co., 153 W Kinzie, Chicago, Ill.  
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.  
Imperial Iron Works (Mine), Duluth, Minn.  
Jackson Byron Iron Works, Berkeley, Cal.  
Jameson M. W. & Co., Warren, Pa.  
Jennings Pump & Dredge Co., 305 N Michigan av., Chicago, Ill.  
**KEYSTONE DRILLER CO.** ("Downie"), Beaver Falls, Pa.  
Luitwiler Pumping Engine Co., Rochester, N. Y.  
McGowan John H. Co., 52 Central av., Cincinnati, O.  
Manistee Iron Works Co. (Marine), Manistee, Mich.  
Morris Machine Works, Baldwinville, N. Y.  
Mt. Carmel Iron Works, Mt. Carmel, Pa.  
National Foundry & Machine Co. ("Reilly"), Louisville, Ky.  
National Steam Pump Co. (High Duty), Upper Sandusky, O.  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
Norberg Mfg. Co., Milwaukee, Wis.  
Northwestern Iron Works (Marine), Seattle, Wash.  
Nye Steam Pump & Machinery Co., 701 N Western av., Chicago, Ill.  
Pattin Bros. Co., Marietta, O.  
Platt Iron Works Co. ("Smith-Valle"), Dayton, O.  
Pratt Engineering & Machine Co., Atlanta, Ga.  
Prescott Co., Menominee, Mich.  
Pulsometer Steam Pump Co., 17 Battery pl., New York  
Reilly Steam Pump Works, Louisville, Ky.  
Reliance Machine & Tool Works ("Hooker"), Channing & Franklin av., St. Louis, Mo.  
Rodgers Iron Mfg. Co., Muskegon, Mich.  
Scranton Pump Co., Scranton, Pa.  
Smedley Steam Pump Co., Dubuque, Ia.  
Southwark Fdry & Mach. Co., 430 Washington av., Phila., Pa.  
Union Iron Works Co., 20th & Michigan, San Francisco, Cal.  
Union Steam Pump Co. ("Moore," "Burnham"), Battle Creek, Mich.  
Van Duzen E. W. Co. (Jets), 428 E 2d, Cincinnati, O.  
Van Wle Pump Co., Syracuse, N. Y.  
Virginia Foundry & Machine Co. ("Osborn"), Virginia, Minn.  
Wagener Steam Pump Co., Canton, O.  
Walker Mfg. Co., Fenton, Mich.

Warren Steam Pump Co., Warren, Mass.  
Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.  
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.  
Wheeler C. H. Mfg. Co., Lehigh & N. 18th, Phila., Pa.  
**WHEELER CONDENSER & ENGINEERING CO.**, Carteret, N. J.  
*See adv index at end of book*  
Willamette Iron & Steel Works, Portland, Ore.  
Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.  
Woodard Machine Co., Wooster, O.  
Worthington Pump & Machy. Corp., 115 B'way, New York

### 11944—\*Pumps (Steam Turbine)

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**WHEELER CONDENSER & ENGINEERING CO.**, Carteret, N. J.  
*See adv index at end of book*

### Pumps (Stuff)

See Pumps, Fan & Stuff

### 11945—Pumps (Suction Box)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
Worthington Pump & Machy. Corp., 115 B'way, New York

### 11946-7—Pumps (Sugar House)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
American Steam Pump Co., Battle Creek, Mich.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg., New York  
*See adv index at end of book*  
Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.  
Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
Dubois Iron Works, Dubois, Pa.  
Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.  
Fairbanks, Morse & Co., 900 S Wabash av., Chicago, Ill.  
Gardner Governor Co., 14 Williamson, Quincy, Ill.  
Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*



**GUILD & GARRISON**, 463 Kent av, Brooklyn, N. Y.  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Lobee Pump & Machinery Co.**, 111 Dearborn, Buffalo, N. Y.  
**McGowan John H. Co.**, 52 Central av, Cincinnati, O.  
**Morris Machine Works**, Baldwinsville, N. Y.  
**Pioneer Iron Wks.**, 149 Pioneer, Bklyn, N. Y.  
**Platt Iron Works Co.**, Dayton, O.  
**Quimby Wm. E.**, 548 W 23rd, New York  
**Roots P. H. & F. M. Company**, Connersville, Ind.  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Squier Geo. L. Mfg. Co.**, Buffalo, N. Y.  
**Union Steam Pump Co.**, Battle Creek, Mich.  
**Woodard Machine Co.**, Wooster, O.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### Pumps (Sulphur Fume)

See Pumps, Centrifugal

### 11948— Pumps (Syphon)

**Barnes Mfg. Co.**, Mansfield, O.  
**Challenge Co.**, Batavia, Ill.  
**Chaplin-Fulton Mfg. Co.**, 34 Penn av, Pittsburgh, Pa.  
**Columbiana Pump Co.**, Columbiana, O.  
**Crestline Mfg. Co. (Force)**, Crestline, O.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Eynon-Evans Mfg. Co.**, N 15th & Clearfield, Phila., Pa.  
**Flint & Walling Mfg. Co.**, Kendallville, Ind.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Kraft A. C.**, 323 W Lake, Chicago, Ill.  
**MYERS F. E. & BRO. ("Myers")**, 800 Orange, Ashland, O.  
*See adv index at end of book*  
**Schutte & Koerting Co.**, 1251 N 12th, Phila., Pa.

### 11949-50— Pumps (Syrup)

**Gardner Governor Co.**, 14 Williamson, Quincy, Ill.

### 11951— Pumps (Tank)

**Advance Pump & Compressor Co.**, 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**Baltimore Cooperage Co.**, Cor. Hanover & Creek, Baltimore, Md.  
**Barnes Mfg. Co.**, Mansfield, O.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**Blake Pump & Condenser Co.**, Fitchburg, Mass.  
**Blakeslee Mfg. Co.**, Du Quoin, Ill.  
**Bowser S. F. & Co.**, Fort Wayne, Ind.  
**Boys Porter & Co.**, Connellsville, Pa.  
**Bushnell Pump Co. (Tubular Well)**, Bushnell, Ill.  
**Butler Co.**, Butler, Ind.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Cedar Rapids Pump Co.**, Cedar Rapids Ia.  
**Church Bros.**, Adrian, Mich.  
**Clot & Crist Machine Co.**, 940 Bryant, San Francisco, Cal.  
**Columbiana Pump Co.**, Columbiana, O.  
**Crestline Mfg. Co. ("Crestline")** Power, for Threshman, etc., Crestline, O.  
**Davidson M. T. Co.**, 43 Keap, Brooklyn, N. Y.  
**Davis-Hansen Co.**, Oshkosh, Wis.  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**De Laval Steam Turbine Co. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Dempster Mill Mfg. Co.**, Beatrice, Neb.  
**Douglas W. & B.**, Middletown, Conn.  
**Dubois Iron Works**, Dubois, Pa.  
**Epping-Carpenter Pump Co.**, ft. 43rd, Pittsburgh, Pa.  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.

**Flint & Walling Mfg. Co. ("Hoosier")** Double Acting), Kendallville, Ind.  
**Foster Pump Works**, 36 Bridge, Brooklyn, N. Y.  
**Friend Mfg. Co.**, Gasport, N. Y.  
**Gardner Governor Co.**, 15 Williamson, Quincy, Ill.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Hayes Pump & Planter Co.**, Galva, Ill.  
**Heller-Aller Co.**, Napoleon, O.  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Kraft A. C.**, 323 W Lake, Chicago, Ill.  
**Love M. A. Mfg. Co. (Thresher, etc)**, Rockford, Ill.  
**McDonald A. Y. Mfg. Co.**, Dubuque, Ia.  
**McGowan Jno. H. Co.**, 52 Central av, Cincinnati, O.  
**Manistee Iron Works Co.**, Manistee, Mich.  
**Mast, Foos & Co. ("Buckeye")**, Springfield, O.  
**Morris Machine Works**, Baldwinsville, N. Y.  
**MYERS F. E. & BRO. ("Myers")** Low Down, "Myers Century" Low Down, "Myers" Cog Gear Low Down, "Myers" Faultless Low Down & "Myers" Geared), 800 Orange, Ashland, O.  
*See adv index at end of book*  
**National Steam Pump Co. (Low Duty)**, Upper Sandusky, O.  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
**Nott W. S. Co. ("King")**, 2d av N & 3d, Minneapolis, Minn.  
**Quimby Wm. E.**, 548 W 23d, New York  
**Red Cross Mfg. Co.**, Bluffton, Ind.  
**Red Jacket Mfg. Co. ("Red Jacket")** Double Acting Force, etc.), Davenport, Ia.  
**Rumsey Pump Co. (Ltd.)**, Seneca Falls, N. Y. *See adv index at end of book*  
**Stewart Heater Co.**, Buffalo, N. Y.  
**Trahern Pump Co.**, Rockford, Ill.  
**Twinvolute Pump & Mfg. Co. ("Twinvolute")**, 55 William, New York  
**Wagener Steam Pump Co.**, Canton, O.  
**Ward Pump Co. (Thresher, etc.)**, Rockford, Ill.  
**Woodard Machine Co. (Duplex)**, Wooster, O.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### 11952— Pumps (Tannery)

**Advance Pump & Compressor Co.**, 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**Cameron A. S. Steam Pump Works**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Davidson M. T. Co.**, 43 Keap, Brooklyn, N. Y.  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**De Laval Steam Turbine Co. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Dubois Iron Works**, Dubois, Pa.  
**Economy Pumping Machinery Co.**, 116 N Carpenter, Chicago, Ill.  
**Edson Mfg. Co. ("Edson")**, 257 Atlantic av, Boston, Mass.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Jennings Pump & Dredge Co.**, 305 N Michigan av, Chicago, Ill.  
**Lobee Pump & Machinery Co.**, 111 Dearborn, Buffalo, N. Y.  
**Morris Machine Works**, Baldwinsville, N. Y.  
**National Transit Pump & Machine Co.**, Oil City, Pa. *See adv index at end of book*  
**Taber Pump Co.**, Buffalo, N. Y.  
**Turner Tanning Mach'y Co. (Rotary Liquor)**, Peabody, Mass.  
**Worthington Pump & Machy. Corp.**, 115 B'way, New York

### 11953— Pumps (Tar)

**Advance Pump & Compressor Co.**, 60 Flint, Battle Creek, Mich.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.  
**Gardner Governor Co.**, 14 Williamson, Quincy, Ill.  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Humphreys Mfg. Co.**, Mansfield, O.  
**Kinney Mfg. Co.**, 3529 Washington, Boston, Mass.

### 11954— Pumps (Test)

**Advance Pump & Compressor Co.**, 60 Flint, Battle Creek, Mich.  
**American Steam Gauge & Valve Mfg. Co.**, 208 Camden, Boston, Mass.  
**American Steam Pump Co.**, Battle Creek, Mich.  
**Ashcroft Mfg. Co.**, 119 W 40th, New York  
**Belfield H. Co.**, 435 N Broad, Phila., Pa.  
**Boekel Wm. & Co. (Gas Fitters)**, 518 Vine, Phila., Pa.  
**Cleveland Steam Gauge Co.**, Cleveland, O.  
**Crosby Steam Gauge & Valve Co.**, 40 Central, Boston, Mass.  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Douglas W. & B.**, Middletown, Conn.  
**Dudgeon Richard (Hydraulic)**, 24 Columbia, New York  
**FOXBORO COMPANY, THE**, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.  
*See adv index at end of book*  
**Garrison Brass & Machine Works**, 149 W 35th, New York  
**Goulds Mfg. Co.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Henderer's A. L. Sons (Boiler Makers)**, Maryland av & Beach, Wilmington, Del.  
**Humphreys Mfg. Co.**, Mansfield, O.  
**National Gauge Co.**, 300 Pacific, Brooklyn, N. Y.  
**National Steam Specialty Co. ("National")** Screw for Testing (Gauges, etc), 16 S Clinton, Chicago, Ill.  
**Perkes Chas. (Est. of)**, 627 Arch, Phila., Pa.  
**Rumsey Pump Co. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
**SCHAEFFER & BUDENBERG MFG. CO.** (Inspectors, Portable), Berry & S 5th, Brooklyn, N. Y.  
*See adv index at end of book*  
**SCHUTTE & KOERTING CO.**, 1251 N 12th, Philadelphia, Pa.  
**Star Brass Mfg. Co. ("Star")**, 108 E Dedham, Boston, Mass.

### Pumps (Tire)

See Pumps, Air, Tire

### 11955— \*Pumps (Tower)

**DE LAVAL STEAM TURBINE CO. (Centrifugal)**, East Trenton, N. J.  
*See adv index at end of book*

### Pumps (Trench)

See Pumps, Diaphragm

### 11956— Pumps (Triplex)

**BOOMER & BOSCHERT PRESS CO.**, 379 W Water, Syracuse, N. Y.  
*See adv index at end of book*  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
**Davidson M. T. Co. (Vertical)**, 43 Keap, Brooklyn, N. Y.  
**Dean Bros. Steam Pump Works**, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
**Dudgeon Richard (Hydraulic)**, 24 Columbia, New York  
**Economy Pumping Machy. Co.**, 116 N Carpenter, Chicago, Ill.  
**Fairbanks, Morse & Co. (Power)**, 900 S Wabash, Chicago, Ill.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
**Hydraulic Press Mfg. Co. (Hydraulic)**, Mt. Gilead, O.  
**Kewanee Private Utilities Co. ("Kewanee")** Long Stroke), West Side, Kewanee, Ill.



Lultwieler Pumping Engine Co., Rochester, N. Y.  
**NATIONAL TRANSIT PUMP & MACHINE CO.**, Oil City, Pa.  
*See adv index at end of book*  
**RUMSEY PUMP CO. (Ltd.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Sandusky Foundry & Machine Co., Sandusky, O.  
 Scranton Pump Co., Scranton, Pa.  
 Worthington Pump & Machy. Corp., 115 B'way, New York  
 Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.

### 11957—Pumps (Turbine)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**ALBERGER PUMP & CONDENSER CO.**, 140 Cedar, New York  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Chicago Pump Co. (Electric Driven Multi-Stage), 906 W Lake, Chicago, Ill.  
 D'Olier Centrifugal Pump & Machinery Co., 1421 Chestnut, Phila., Pa.  
 De Laval Steam Turbine Co. (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
 Economy Pumping Machy. Co., 116 N Carpenter, Chicago, Ill.  
 Fairbanks, Morse & Co. (Single & Multi Stage), 900 S Wabash av, Chicago, Ill.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Hunt Rodney Machine Co., Orange, Mass.  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Kerr Turbine Co., Wellsville, N. Y.  
 Kingsford Foundry & Machine Works (Motor Driven), Oswego, N. Y.  
 Krogh Mfg. Co. (For High Lights), 147 Beale, San Francisco, Cal.  
 Lawrence Machine Co. ("Lawrence," Steam & Motor Driven, etc), Lawrence, Mass.  
 Lawrence Pump & Engine Co. ("Vortex" Steam & Motor Driven, etc), Lawrence, Mass.  
 Layne & Bowler Co., 37 W Van Buren, Chicago, Ill.  
 Lea-Courtenay Co., 90 West, New York  
 Nash Engineering Co. ("Nash," Hydro-Turbine), South Norwalk, Conn.  
 Platt Iron Works Co., Dayton, O.  
**STURTEVANT B. F. CO.** ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*  
 Twinlute Pump & Mfg. Co. ("Twinlute"), 55 William, New York  
 Vulcan Iron Works Co. ("Pennington"), Denver, Colo.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

### 11958—Pumps (Underground Force)

Love M. A. Mfg. Co., Rockford, Ill.  
 Trahern Pump Co., Rockford, Ill.  
 Ward Pump Co. (Three Way, etc), Rockford, Ill.

### 11959—\*Pumps (Underwriters')

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

### 11960—Pumps (Vacuum)

Abbe Engineering Co. (High or Low Vacuum), 220 B'way, New York  
*See adv index at end of book*  
 Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Alberger Pump & Condenser Co., 140 Cedar, New York  
 American Air Compressor Works, 558 Hamilton av, Brooklyn, N. Y.  
 American Compressor & Pump Co., 801 E Pratt, Baltimore, Md.  
 American Electric Air Pump Co. (Small), Penn & Barbeau, Pittsburgh, Pa.  
 American Steam Pump Co., Battle Creek, Mich.  
 Astle H. J. & Co. ("Boland," Noiseless, Positive), 118 Orange, Providence, R. I.  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

Bishop-Babcock-Becker Co. ("Reliable Automatic Hydraulic, for Heating Systems"), Cleveland, O.  
 Blake Pump & Condenser Co., Fitchburg, Mass.  
 Blakeslee Mfg. Co., Du Quoin, Ill.  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
 Buffalo Steam Pump Co. (Crank & Fly-wheel & Single Cylinder), Buffalo, N. Y.  
 Burrell D. H. & Co. ("B-L-K"), Little Falls, N. Y.  
 Bury Compressor Co., Erie, Pa.  
 Cameron A. S. Steam Pump Works, Bowling Green bldg, New York  
*See adv index at end of book*  
**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
 Columbus Steam Pump Works Co., Columbus, Ohio  
 Crowell Mfg. Co. ("Crowell"), 296 Taske pl, Brooklyn, N. Y.  
 Davidson M. T. Co. (Air & Vacuum), 43 Keap, Brooklyn, N. Y.  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Devine J. P. Co. ("Emil Passburg" System), Buffalo, N. Y.  
 Emerson Steam Pump Co. (Steam), Alexandria, Va.  
 Epping-Carpenter Pump Co., ft. 43rd, Pittsburgh, Pa.  
 Fahn McJunkin ("Geryk" for Lamp Factories), 50 E 41st, New York  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Fischer-Sweeney Bronze Co. (Tribune Ejector Pump, for Steam Heating), Hoboken, N. J.  
 Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y.  
*See adv index at end of book*  
**GUILD & GARRISON**, 463 Kent av, Brooklyn, N. Y.  
 Hall Steam Pump Co., 213 Galveston, N S, Pittsburgh, Pa.  
 Hubbard's Norman Sons ("Niagara" "Improved Packard"), 265 Water, Brooklyn, N. Y.  
 Imperial Iron Works (Mine), Duluth, Minn.  
 Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*  
 Kinney Mfg. Co. ("Kinney" for Condensers, Evaporation, etc), 3541 Washington, Boston, Mass.  
 Lelman Bros., 62 John, New York  
 Lobe Pump & Machinery Co., 111 Dearborn, Buffalo, N. Y.  
**MESTA MACHINE CO.**, Pittsburgh, Pa.  
*See adv index at end of book*  
 Nash Engineering Co. ("Nash" Hydro-Turbine), South Norwalk, Conn.  
 National Foundry & Machine Co., Louisville, Ky.  
 National Steam Pump Co. ("National"), Upper Sandusky, O.  
 New York Air Brake Co., 165 B'way, New York  
 Platt Iron Works Co., Dayton, O.  
 Powers Regulator Co., 5 S Wabash av, Chicago, Ill.  
 Roots P. H. & F. M. Company ("Root's" Small Power Blower), Connersville, Ind.  
 Rumsey Pump Co. (Ltd.) (Air Compressed Pump Combined), Box J, Seneca Falls, N. Y.  
*See adv index at end of book*  
 Sandusky Foundry & Machine Co. (Rotary), Sandusky, O.  
**SCHUTTE & KOERTING CO.**, 1251 N 12th, Phila., Pa.  
 Scranton Pump Co., Scranton, Pa.  
 Trimount Rotary Power Co. ("Trimount," Rotary), 18 Heath, Boston, Mass.  
 Union Steam Pump Co., Battle Creek, Mich.  
 Wagener Steam Pump Co., Canton, O.  
 Weinman Pump Mfg. Co., 300 Spruce, Columbus, O.  
 West St. Louis, Machine & Tool Co., 606 Vandeventer av, St. Louis, Mo.  
 Wheeler C. H. Mfg. Co. ("Pratt," "C. H. Wheeler-Thyssen"), Lehigh av & N 18th, Phila., Pa.

**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler," "Wheeler-Edward's" "Wheeler-Turbo," Rotative Dry; also "Wheeler-Direct Acting"), Carteret, N. J. *See adv index at end of book*  
 Wilbraham-Green Blower Co., Pottstown, Pa.  
 Worthington Pump & Machinery Co. (Hydraulic), 115 B'way, New York

### 11961—\*Pumps (Vacuum Cleaning)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11962—\*Pumps (Vacuum Distillation)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11963—\*Pumps (Vacuum, Dry & Wet)

**ALBERGER PUMP & CONDENSER CO.**, 140 Cedar, New York  
**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
**CAMERON A. S. STEAM PUMP WORKS** (Direct Acting & Crank & Fly-Wheel), Bowling Green bldg, New York  
*See adv index at end of book*

### 11964—\*Pumps (Vacuum for Vacuum Heating)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11965-6—\*Pumps (Volute)

**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*

### 11967—Pumps (Water)

Laursen Automatic Pump Co., Menomonie, Wis.  
 Sandusky Foundry & Machine Co., Sandusky, O.  
 United Pump & Power Co., Bellevue pl & Larkin, Milwaukee, Wis.

### 11968—Pumps (Water Motor)

Gould Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Valle-Kimes Co. ("V. K."), Dayton, O.

### 11969—Pumps (Water Works)

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
**ALLIS-CHALMERS MFG. CO.** (Steel), Milwaukee, Wis.  
*See adv index at end of book*  
 American Steam Pump Co., Battle Creek, Mich.  
 Buffalo Steam Pump Co., Buffalo, N. Y.  
**CAMERON A. S. STEAM PUMP WORKS**, Bowling Green bldg, New York  
*See adv index at end of book*  
 Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.  
**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*  
**DEMING CO.**, Salem, O.  
*See adv index at end of book*  
 Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.  
 Epping-Carpenter Pump Co., ft of 43d, Pittsburgh, Pa.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
**GOULDS MFG. CO.**, 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*  
 Jackson Byron Iron Works, Berkeley, Cal.  
 Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.  
 McGowan Jno. H. Co., 52 Central av, Cincinnati, O.  
 Morris Machine Works, Baldwinville, N. Y.  
**MYERS F. E. & BRO.** (Myers Bulldozer), 800 Orange, Ashland, O.  
*See adv index at end of book*  
 National Steam Pump Co., Upper Sandusky, O.



National Transit Pump & Machine Co., Oil City, Pa. *See adv index at end of book*  
 Platt Iron Works Co., Dayton, O.  
 Roots P. H. & F. M. Company (Rotary Pressure), Connerville, Ind.

**RUMSEY PUMP CO. (LTD.)**, Box J, Seneca Falls, N. Y.  
*See adv index at end of book*

Strait H. N. Mfg. Co., Kansas City, Kans.  
 Twinvolute Pump & Mfg. Co. ("Twin-volute"), 55 William, New York  
 Union Steam Pump Co., Battle Creek, Mich.

Wagener Steam Pump Co., Canton, O.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Worthington Pump & Machinery Corp., 115 B'way, New York

### 11970—\*Pumps (Water Works, Vacuum for Priming)

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

### 11971— Pumps (Windmill)

*See also Windmills*

Aermotor Co., 1146 S Campbell, Chicago, Ill.

Althouse-Wheeler Co., Waupun, Wis.  
 Baker Mfg. Co., Evansville, Wis.  
 Baltimore Cooperage Co., cor Hanover & Creek, Baltimore, Md.

Barnes Mfg. Co., Mansfield, O.  
 Beckman Bros. ("B-B"), Des Moines, Ia.  
 Bushnell Pump Co., Bushnell, Ill.

Butler Co., Butler, Ind.  
 Butler Mfg. Co., Kansas City, Mo.  
 Challenge Co., Batavia, Ill.

Cedar Rapids Pump Co., Cedar Rapids, Ia.  
 Celina Mfg. Co., Celina, O.  
 Challenge Co., Batavia, Ill.

Columbiana Pump Co., Columbiana, O.  
 Cook August D. (Force), Lawrenceburg, Ind.

**CORCORAN A. J. (Inc.)**, 761 Jersey av, Jersey City, N. J.

Crestline Mfg. Co. ("Crestline"), Crestline, O.

Davis-Hansen Co. (Force & Lift), Oshkosh, Wis.

**DEMING CO.**, Salem, O.  
*See adv index at end of book*

Douglas W. & B., Middletown, Conn.  
 Duplex Mfg. Co., Superior, Wis.  
 Evans C. H. & Co., 187 Tremont, San Francisco, Cal.

Fairbanks, Morse & Co. ("Fairbanks Morse" & "Eclipse"), 900 S Wabash av, Chicago, Ill.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Hayes Pump & Planter Co., Galva, Ill.

Humphreys Mfg. Co. ("20th Century"), Mansfield, O.

Ideal Pump & Mfg. Co., Green City, Mo.

Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.

Love M. A. Mfg. Co. (Hand Force, etc), Rockford, Ill.

Mast, Foos & Co., Springfield, O.

**MYERS F. E. & BRO.** ("Imperial" Regulator & Syphon, "Branch Pipe," "Three-Way" & "Defiance," Ashland Century Cog Gear), 800 Orange, Ashland, O. *See adv index at end of book*

Peters Pump Co., Kewanee, Ill.  
 Plattner Implement Co., Denver, Colo.  
 Red Cross Mfg. Co., Bluffton, Ind.

Red Jacket Mfg. Co. ("Red Jacket," Force), Davenport, Ia.

Rumsey Pump Co. (Ltd.), Box J, Seneca Falls, N. Y. *See adv index at end of book*

Traher Pump Co., Rockford, Ill.  
 U. S. Wind Engine & Pump Co., Batavia, Ill.

Ward Pump Co. (Hand Force), Rockford, Ill.

Woodmanse Mfg. Co., Freeport, Ill.

Cincinnati Pump Co., Liberty & Clay, Cincinnati, O.

Consolidated Pump Co., Toledo, O.  
 Dempster Mill Mfg. Co., Beatrice, Neb.

Florence Table & Lumber Co., Memphis, Tenn.

Hill W. C., Brasher Falls, N. Y.

Knecht & Thomas Pump Co., Union City, Ind.

Rich Pump Co., South & Depot, Cincinnati, O.

Saco Mfg. Co., Saco, Me.  
 Sweet Geo. W., Flint, Mich.

West Wm. S. & Son, Chillicothe, O.  
 Wood's G. R. Sons Co., Sheffield, Pa.

**11973— Pumps (Wrecking)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Blakeslee Mfg. Co., DuQuoin, Ill.

Davidson M. T. Co., 43 Keap, Brooklyn, N. Y.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

**DE LAVAL STEAM TURBINE CO.** (Centrifugal), East Trenton, N. J.  
*See adv index at end of book*

Goulds Mfg. Co., 71 W Fall, Seneca Falls, N. Y. *See adv index at end of book*

Jennings Pump & Dredge Co., 305 N Michigan av, Chicago, Ill.

Kingsford Fdry. & Mach. Wks., Oswego, N. Y.

Morris Machine Works, Baldwinsville, N. Y.

Nye Steam Pump & Machinery Co., 701 N Western av, Chicago, Ill.

Platt Iron Works Co., Dayton, O.

Swenson J., ft. of Warren, Jersey City, N. J.

Van Wie Pump Co., Syracuse, N. Y.

Wilson-Snyder Mfg. Co., 2 Ross, Pittsburgh, Pa.

Worthington Pump & Machinery Corp., 115 B'way, N. Y.

**11974-5—Pumps & Boilers (Combined)**

Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.

Blakeslee Mfg. Co., Du Quoin, Ill.

Columbus Steam Pump Works Co., Columbus, O.

Davidson M. T. Co., 43 Keap, B'klyn, N. Y.

Dean Bros. Steam Pump Works, 327 W 10th, Indianapolis, Ind.

Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.

Hall Steam Pump Co., 213 Galveston, Pittsburgh, Pa.

Worthington Pump & Machinery Corp., 115 B'way, New York

**Punch Sleeves**  
*See Sleeves Drill & Punch*

**11976 Punch Stems**

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N. E. Cleveland, O.

**11977—Punch & Shear Combined (Hand Power)**

Armstrong-Blum Mfg. Co. ("Marvel," also I Beam Punch & Slitting Shear), 337 N Francisco av, Chicago, Ill.

Badger State Machine Co., Janesville, Wis.  
 Bertsch & Co., Cambridge City, Ind.  
 Braun J. G., 609 S Paulina, Chicago, Ill.

Canedy-Otto Mfg. Co., Chicago Heights, Ill.

Clark Foundry Co. ("Jarrell"), Rumford, Me.

Cleveland Punch & Shear Works, 3921 St. Clair av, N E, Cleveland, O.

Coulter & McKenzie Machine Co., Bridgeport, Conn.

Custer W. F. & Son ("Custer"), Summitville, Ind.

Excelstor Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.

Kidder J. F. Mfg. Co. ("Little Blacksmith," Deep Throat), Burlington, Vt.

Little Giant Punch & Shear Co. ("Little Giant" Lever), Sparta, Ill.

Luther Mfg. Co. (For Tire Upsetting, etc), Olean, N. Y.

Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Rock River Machine Co., Janesville, Wis.

Ryerson Jos. T. & Son, 2553 W 16th, Chicago, Ill.

Schatz Mfg. Co., Poughkeepsie, N. Y.

Schuchardt & Schutte, 90 West, New York

Sears Bros. ("Champion" Lever), Onslow, Ia.

Slater-Marsden-Whitmore Co. ("Beloit"), Beloit, Wis.

Sproul Matt Co., Sparta, Ill.

Union Mfg. Co. ("Union" Combined Punch, Shear & Rod Cutter), New Britain, Conn.

Weiss H. & Co. ("Little Blacksmith" Punch, Shear & Bender Combined), 20 Cliff, New York

Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

Wiener Machinery Co., 56 Church New York

Young Machine & Tool Co., Worcester, Mass.

**11978—Punch & Straightener Combined**

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

Pels Henry & Co. (Unbreakable Rolled Steel Frame), West & Albany, New York

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

**11979— Punches (Arch)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

**Punches (Backing-out)**  
*See Punches, Pin*

**11980— \*Punches (Beam)**

*See also Punches for Ornamental Iron Work*

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

**11981—Punches (Belt & Saddlers', Drive)**

Atkins E. C. & Co. ("Rogers"), Indianapolis, Ind.

Bemis & Call Hdw. & Tool Co. (Steel Belt), Springfield, Mass.

Braunsdorf-Mueller Co., Elizabeth, N. J.

Buck Bros., Millbury, Mass.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Eyelet Tool Co., 40 Lincoln, Boston, Mass.

Goodell-Pratt Co. (Knurled), Greenfield, Mass.

Johnson Wm. (Hedenberg Works), Newark, N. J.

Krauter & Co., 583 18th av, Newark, N. J.

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

Manufacturers Belt Hook Co. ("L-X"), 113 N Green, Chicago, Ill.

Mayhew H. H. Co., Shelburne Falls, Mass.

Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York

Osborne C. S. & Co., Harrison, N. J.

Peck, Stow & Wilcox Co. ("Hercules"), Southington, Conn.

S. & I. Co. ("S. & I."), Springfield, Mass.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.

Smith Otis A., Rockfall, Conn.

Smith & Egge Mfg. Co. ("S. & E. M. Co." Revolving Spring, etc), Bridgeport, Conn.

Standard Shoe Machinery Co., Lawrence, Mass.

Stortz John & Son, 210 Vine, Phila., Pa.

**SYRACUSE TWIST DRILL CO.** ("Syracuse"), Borden av, Syracuse, N. Y.

*See adv index at end of book*

Tucke Mfg. Co., Brockton, Mass.

Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.

Vaughan & Bushnell Mfg. Co. ("V. & B." Solid Steel), 2114 Carroll av, Chicago, Ill.

West Haven Mfg. Co. ("Easy Hold," "Wont Roll" Drive), West Haven, Conn.

**11982—Punches (Belt & Saddlers', Revolving, Etc.)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Johnson Wm. (Hedenberg Works), Newark, N. J.



Kraeuter & Co., 583 18th av, Newark, N. J.  
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
Osborne C. S. & Co., Harrison, N. J.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Smith & Egge Mfg. Co., Bridgeport, Conn.  
Stearns E. C. & Co. (Revolving Spring), 450 Onelda, Syracuse, N. Y.

### 11983—Punches (Bench)

American Lock Nut & Tool Co. ("Lightning"), Oregon, Ill.  
Badger State Machine Co., Janesville, Wis.  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Buffalo Forge Co., Buffalo, N. Y.  
Butts & Ordway Co. ("B & O," "Easy"), 33 Purchase, Boston, Mass.  
Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Goodell-Pratt Co., Greenfield, Mass.  
Little Giant Punch & Shear Co., Sparta, Ill.  
Osco Machine Co. ("Osco" Multiple), 185 Franklin, Boston, Mass.  
Oswego Tool Co., Oswego, N. Y.  
Rock River Machine Co., Janesville, Wis.  
Schatz Mfg. Co., Poughkeepsie, N. Y.  
Slater-Marsden-Whitmore Co. ("Beloit" Band), Beloit, Wis.

### 11984—Punches (Blacksmiths')

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.  
Atha Tool Co., Chapel, Newark, N. J.  
Beall Bros., Alton, Ill.  
Bicknell Mfg. & Supply Co., Janesville, Wis.  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Canedy-Otto Mfg. Co., Chicago Heights, Ill.  
Champion Blower & Forge Co. ("Champion" Steel), Lancaster, Pa.  
Champion Tool Co. ("Champion" Hand & Eye), Meadville, Pa.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Cleveland Steel Tool Co., Cleveland, O.  
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.  
Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.  
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
Oswego Tool Co., Oswego, N. Y.  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
Rock River Machine Co., Janesville, Wis.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Schatz Mfg. Co., Poughkeepsie, N. Y.  
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
Vaughan & Bushnell Mfg. Co. ("V. & B." Center), 2114 Carroll av, Chicago, Ill.  
Verona Tool Works, Oliver bldg, Pittsburgh, & Verona, Pa.  
Vlcchek Tool Co. ("Vlcchek" Round), 10711 Quincy av, Cleveland, Ohio  
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.  
Wiener Machinery Co., 56 Church New York

### 11985-6—Punches (Boilermakers' Screw)

See also Punching Machines, Boilermakers'  
Bertsch & Co., Cambridge City, Ind.  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Canedy-Otto Mfg. Co., Chicago Heights, Ill.  
Channon Jas. H. Mfg. Co. (Screw, Also With Ratchet Handle), 227 W Erie, Chicago, Ill.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Cleveland Steel Tool Co., Cleveland, O.  
Dudgeon Richard (Hydraulic), 24 Columbia, New York  
Excelsior Tool & Machine Co. (Small), 32d & Ridge, East St. Louis, Ill.  
Henderer's A. L. Sons (Hydraulic), Maryland av & Beach, Wilmington, Del.

King A. R. Mfg. Co., Kingston, N. Y.  
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
Lovejoy Tool Works (Screw, Also With Ratchet Attachment), 319 W Ohio, Chicago, Ill.  
Manitowoc Ship Building Co. ("Gunnell" Portable), Manitowoc, Wis.  
Massillon Foundry & Machine Co., Massillon, O.  
Oswego Tool Co., Oswego, N. Y.  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
Richards I. P. Co., 23 Pemberton, Providence, R. I.  
Ryerson, Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Schatz Mfg. Co., Poughkeepsie, N. Y.  
Slater-Marsden-Whitmore Co. ("Beloit" Lever), Beloit, Wis.  
WATSON-STILLMAN CO. (Hand & Hydraulic), 38 Church, New York  
See adv index at end of book  
Wiener Machinery Co., 56 Church New York

### Punches (Bull)

See Rings & Ringers, Hog & Bull

### 11987—Punches (Butchers' Saw Etc.)

Goodell-Pratt Co., Greenfield, Mass.  
Thompson H. G. & Son Co. ("Thompson's"), New Haven, Conn.

### 11988—Punches (Button Hole)

Kraeuter & Co., 583 18th av, Newark, N. J.

### 11989—Punches (Carvers)

Buck Bros., Millbury, Mass.

### 11990—Punches (Center & Prick)

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.  
Atha Tool Co., Chapel, Newark, N. J.  
Bagshaw & Field, 445 N 5th, Phila., Pa.  
Beall Bros., Alton, Ill.  
Braunsdorf-Mueller Co., Elizabeth, N. J.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Browne & Dowd Mfg. Co. (Knurled), Meriden, Conn.  
Buck Bros. (And Solid), Millbury, Mass.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Carver Tool Works, Spring Valley, N. Y.  
Cincinnati Tool Co., Norwood, Cincinnati, O. See adv index at end of book  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Cleveland Steel Tool Co., Cleveland, O.  
Crescent Novelty Mfg. Co., 703 South B'way, St. Louis, Mo.  
Cronk & Carrier Mfg. Co., Elmira, N. Y.  
Curtiss Geo. L. Co. (Knurled Center & Octagon Center & Prick), Southington, Conn.  
Evansville Tool Works, Evansville, Ind.  
Goodell Mfg. Co., Greenfield, Mass.  
Goodell-Pratt Co. (Knurled), Greenfield, Mass.  
Jennings C. E. & Co., 71 Murray, New York  
Johnson Wm. (Hedenberg Works), Newark, N. J.  
Kraeuter & Co., 583 18th av, Newark, N. J.  
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
Mayhew H. H. Co., Shelburne Falls, Mass.  
Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.  
Nicol & Co., 218 N Jefferson, Chicago, Ill.  
Ohio Tool Co., Charleston, W. Va.  
Osborne C. S. & Co. (Prick), Harrison, N. J.  
Peck, Stow & Wilcox Co., Southington, Conn.  
S. & I. Company, Springfield, Mass.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Snell Mfg. Co., Fiskdale, Mass.  
Stanley Rule & Level Co., New Britain, Conn.  
STARRETT L. S. CO. (Machinists' Center, etc), Athol, Mass.  
See adv index at end of book  
SYRACUSE TWIST DRILL CO. ("Syracuse" Knurled Octagon Prick, Center & Rivet), Borden av, Syracuse, N. Y.  
See adv index at end of book  
Tucke Mfg. Co., Brockton, Mass.  
Union Tool Co., Orange, Mass.

Vaughan & Bushnell Mfg. Co. ("V. & B." Tinnars), 2114 Carroll av, Chicago, Ill.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.  
Warner Hammer Co., Cromwell, Conn.  
Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.  
West Haven Mfg. Co. ("Easy Hold," "Wont Roll"), West Haven, Conn.  
Williams Williams, Jr., New Haven, Conn.

### 11991—Punches (Conductors' Tickets, Etc.)

American Railway Supply Co., 134 Charles, New York  
Automatic Appliance Co., 172 Columbus av, Boston, Mass.  
Bonney-Vehslage Tool Co., 124 Chambers, New York  
Bridgeport Hardware Mfg. Corp. ("Trump" Reservoir, etc), Bridgeport, Conn.  
Cincinnati Mfg. Co., Cincinnati, O.  
See adv index at end of book  
Crocker L. O., Jr., East Braintree, Mass.  
International Register Co., 15 Throop, Chicago, Ill.  
Johnson Wm. (Hedenberg Works), Newark, N. J.  
Kraeuter & Co., 583 18th av, Newark, N. J.  
Lord Mfg. Co., 105 W 40th, New York  
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
McGill Ticket Punch Co. ("McGill," for Tickets, Notch Cutters, Cardboards, etc), 542 W Harrison, Chicago, Ill.  
MEYERS FRED J. MFG. CO., Hamilton, O. See adv index at end of book  
Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
Recording Register & Fare Box Co., New Haven, Conn.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Schollhorn Wm. Co. ("Bernard's"), New Haven, Conn.  
Smith & Egge Mfg. Co., Bridgeport, Conn.  
Sperry & Alexander Co., 79 Chambers, New York  
Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.  
Wood Chas. N. Co., 14 Federal, Boston, Mass.  
Woodman R. Mfg. & Supply Co. (Cast Steel & Steel), 82 Sudbury, Boston, Mass.

### 11992—Punches (Coopers')

Buck Bros., Millbury, Mass.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Stortz John & Son, 210 Vine, Phila., Pa.

### 11993—Punches (Drift)

Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.

### 11994—Punches (Drive)

See also Punches, Belt & Saddlers' Drive  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.  
Cleveland Steel Tool Co., Cleveland, O.  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.  
See adv index at end of book  
Williams William, Jr., New Britain, Conn.

### 11995—Punches (Ear Tag)

Wilcox W. W. Co., 1735 Armitage av, Chicago, Ill.

### 11996—Punches (Eyelet)

Eyelet Tool Co., 40 Lincoln, Boston, Mass.  
Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Stimpson Edwin B. Co., 68 Franklin av, Brooklyn, N. Y.

### 11997—\*Punches (Flange)

HILLES & JONES CO., East Wilmington, Del. See adv index at end of book



**11998—Punches (Flue Shearing)**

**Cleveland Punch & Shear Works Co., 3921**  
St. Clair av, N E, Cleveland, O.  
**HILLES & JONES CO.,** East Wilmington,  
Del. *See adv index at end of book*  
**Pels Henry & Co. (Imp. Unbreakable**  
Rolled Steel Frame), West & Albany,  
New York  
**Richards I. P. Co.,** 23 Pemberton, Provi-  
dence, R. I.  
**Ryerson Jos. T. & Son, 2558 W 16th, Chi-**  
cago, Ill.

**11999-12000—Punches for Orna-  
mental Iron Work**

**Braun J. G.,** 609 S Paulina, Chicago, Ill.  
**Lewthwaite T. H. Machine Co. (Power,**  
Hand & Foot), 413 E 31st, New York  
**Pels Henry & Co. (Imp. Unbreakable**  
Rolled Steel Frame), West & Albany,  
New York  
**Richards I. P. Co.,** 23 Pemberton, Provi-  
dence, R. I.  
**Schatz Mfg. Co.,** Poughkeepsie, N. Y.  
**Wiener Machinery Co.,** 56 Church New  
York

**Punches (Gang)**

See Punching Machines, Multiple

**12001—Punches (Gasket)**

**Pels Henry & Co. (Imp. Unbreakable**  
Rolled Steel Frame), West & Albany,  
New York

**12002—Punches (Guide or Slotting)**

**Cleveland Steel Tool Co.,** Cleveland, O.

**12003—Punches (Hand)**

**Atha Tool Co. (Solid Cast Steel),** Chapel,  
Newark, N. J.  
**Buffum Tool Co. ("Swastika"),** South Side,  
Louisiana, Mo.  
**Cleveland Steel Tool Co.,** Cleveland, O.  
**Danzer Metal Works, Hagerstown, Md.**  
**Dikeman Mfg. Co. (For Butchers' Blades,**  
etc.), Norwalk, Conn.  
**Mechanical Specialties Co.,** 122 So. Michi-  
gan av, Chicago, Ill.  
**Morrill Chas. ("Morrill" & "Apex"**  
Brands), 100 Lafayette, New York  
**Mossberg Frank Co.,** Attleboro, Mass.  
**Ohio Tool Co. (Machinists', etc),** Charles-  
ton, W. Va.  
**Oscro Machine Co. ("Oscro" Two Hole),** 185  
Franklin, Boston, Mass.  
**Union Mfg. Co., ("Union")** New Britain,  
Conn.  
**Van Doren Mfg. Co. ("Vandor"),** Chicago,  
Heights, Ill.  
**Vaughan & Bushnell Mfg. Co. ("V. & B."),**  
2114 Carroll av, Chicago, Ill.  
**Vlchek Tool Co. ("Vlchek"),** 10711 Quincy  
av, Cleveland, O.  
**Wiener Machinery Co.,** 56 Church New  
York

**12004—Punches (Hand Power)**

**American Lock Nut & Tool Co. ("Light-**  
ning," For Punching Holes in Angles,  
Flanges, Tank Heads, etc.), Oregon, Ill.  
**Anderson W. H. Tool & Supply Co.,** Brush  
& Macomb, Detroit, Mich.  
**Armstrong-Blum Mfg. Co.,** 337 N Fran-  
cisco av, Chicago, Ill.  
**Armstrong Mfg. Co. ("Victor"),** 200 Arm-  
strong bldg, Waterloo, Ia.  
**Badger State Machine Co.,** Jamesville,  
Wis.  
**Baker Wm. H.,** Trenton, N. J.  
**Bertsch & Co.,** Cambridge City, Ind.  
**Bicknell Mfg. & Supply Co.,** Jamesville,  
Wis.  
**Braun J. G.,** 609 S Paulina, Chicago, Ill.  
**Cincinnati Iron & Steel Co.,** Cincinnati, O.  
**Cleveland Punch & Shear Works Co., 3921**  
St. Clair av N E, Cleveland, O.  
**Curtiss Geo. L. Co.,** Southington, Conn.  
**Danzer Metal Works ("Handy"),** Hagers-  
town, Md.  
**Evansville Tool Works, Evansville, Ind.**  
**Excelsior Tool & Machine Co. ("Little**  
Giant" Portable Lever), 32d & Ridge,  
E St. Louis, Ill.  
**Gem Tool Wks. ("Samson" Bench),** 30  
Church, New York  
**Heartley Machine Variety Iron & Tool**  
Works, 900 Summit, Toledo, O.

**Huntington Machine & Foundry Co.,** Hunt-  
ington, Ind.

**Kane & Roach, Syracuse, N. Y.**  
**Keene Geo. C. & Co.,** 2327 Florence av,  
Cincinnati, O.

**Kidder J. F. Mfg. Co. ("Little Black-**  
smith"), Burlington, Vt.

**Klemm E. R.,** 1453 Austin av, Chicago, Ill.  
**Kling Bros. Engineering Works, 1304-**  
Kingsbury, Chicago, Ill.

**Lewthwaite T. H. Machine Co.,** 413 E 31st,  
New York

**Little Giant Punch & Shear Co. ("Little**  
Giant"), Sparta, Ill.

**Loyd John Co.,** 558 Water, New York  
**New Doty Mfg. Co.,** Janesville, Wis.

**NIAGARA MACHINE & TOOL WORKS,**  
Buffalo, N. Y.

*See adv index at end of book*  
**Niles-Bement-Pond Co.,** 111 B'way, New  
York

**Ohio Tool Co.,** Charleston, W. Va.  
**Pels Henry & Co. (Imp. Unbreakable**  
Rolled Steel Frame), West & Albany,  
New York

**Perkins Machine Co. (Metal),** Warren,  
Mass.

**Redin, Ekstrom & Co. ("Redin-Ekstrom"**  
for Metal"), Rockford, Ill.

**Richards I. P. Co. ("U. S. Standard"**  
Punches for Punching Iron & Steel),  
23 Pemberton, Providence, R. I.

**Rock River Machine Co. ("Badger" Boiler-**  
makers, Tinnors, etc), Janesville, Wis.

**Ryerson Jos. T. & Son, 2558 W 16th, Chi-**  
cago, Ill.

**Schatz Mfg. Co.,** Poughkeepsie, N. Y.  
**Schuchardt & Schutte (Unbreakable),** 90  
West, New York

**Slater-Marsden-Whitmore Co.,** Beloit, Wis.  
**Straight H. N. Mfg. Co. (For Cooperage**  
Mfrs.), Kansas City, Kans.

**Union Mfg. Co., ("Union")** New Britain,  
Conn.

**WATSON-STILLMAN CO.,** 38 Church,  
New York *See adv index at end of book*

**Weiss H. & Co. ("Hercules"),** 20 Cliff, New  
York

**Whitney Metal Tool Co. ("Whitney," "Un-**  
cle Sam's," "The Use's Pride" Por-  
table), Rockford, Ill.

**Wiener Machinery Co.,** 56 Church New  
York

**Young Machine & Tool Co.,** Worcester,  
Mass.

**12005—Punches (Hand & Tube**  
Hole)

**Cleveland Punch & Shear Works Co., 3921**  
St. Clair av N E, Cleveland, O.

**Cleveland Steel Tool Co.,** Cleveland, O.  
**HILLES & JONES CO.,** East Wilmington,  
Del. *See adv index at end of book*

**Long & Allstatter Co.,** Hamilton, O.  
**New Doty Mfg. Co.,** Janesville, Wis.

**Pels Henry & Co. (Imp. Unbreakable**  
Rolled Steel Frame), West & Albany,  
New York

**Richards I. P. Co.,** 23 Pemberton, Provi-  
dence, R. I.

**Rock River Machine Co.,** Janesville, Wis.  
**Wiener Machinery Co.,** 56 Church, New  
York

**12006-7—Punches (Hollow)**

**Buffum Tool Co. ("Swastika" Tinnors),**  
South Side, Louisiana, Mo.

**Peck, Stow & Wilcox Co.,** Southington,  
Conn.

**Sayre L. A. Co.,** 332 Mulberry, Newark,  
N. J.

**Stortz John & Son, 210 Vine, Phila., Pa.**  
**Syracuse Twist Drill Co., ("Syracuse")**  
Borden av, Syracuse, N. Y.

*See adv index at end of book*

**Punches (Horizontal)**

See Punching Machines, Horizontal; also  
Machinery, Punching & Shearing

**Punches (Hydraulic)**

See Punching Machines, Hydraulic; also  
Machinery, Punching & Shearing

**12008—Punches (Hydraulic, for Web  
or T Rails, Etc.)**

**AMERICAN STEEL & WIRE CO.,** 208 S  
La Salle, Chicago, Ill.  
*See adv index at end of book*

**12009—Punches (Lever)**

**NIAGARA MACHINE & TOOL WORKS,**  
Buffalo, N. Y.

*See adv index at end of book*  
**Rock River Machine Co.,** Janesville, Wis.

**Schatz Mfg. Co.,** Poughkeepsie, N. Y.  
**Slater-Marsden-Whitmore Co. ("Beloit"),**  
Beloit, Wis.

**12010—Punches (Machine)**

**Atha Tool Co. (Regular & Spiral Taper**  
with Clearance), Chapel, Newark, N.J.

**Mechanical Specialties Co. (Automobile),**  
122 S Michigan av, Chicago, Ill.

**Sayre L. A. Co.,** 332 Mulberry, Newark,  
N. J.

**12011—Punches (Marking)**

**Lovejoy Tool Works, 319 W Ohio, Chicago,**  
Ill.

**Punches (Multiple)**

See Punching Machines, Multiple

**12012—Punches (Paper)**

**Benton Mfg. Co.,** 9 Bethune, New York  
**Globe-Wernicke Co. ("Globe"),** 25 Car-  
thage av, Cincinnati, O.

**Latham Machinery Co. ("Monitor"), 1153**  
Fulton, Chicago, Ill.

**Morrill Chas. ("Morrill" & "Apex"**  
Brands), 100 Lafayette, New York

**Proudfit Loose Leaf Co. ("Proudfit,"**  
Hand), Grand Rapids, Mich.

**Tatum Sam'l C. Co.,** Office & Factory,  
Cincinnati, O.

**12013—Punches (Pin)**

**Atha Tool Co. (Backing-Out),** Chapel,  
Newark, N. J.

**Buffum Tool Co. ("Swastika"),** South Side,  
Louisiana, Mo.

**Cleveland Steel Tool Co.,** Cleveland, O.  
**Goodell-Pratt Co.,** Greenfield, Mass.

**Mechanical Specialties Co.,** 122 S Michi-  
gan av, Chicago, Ill.

**S. & I. Co.,** Springfield, Mass.  
**Syracuse Twist Drill Co., ("Syracuse")**  
Borden av, Syracuse, N. Y.

*See adv index at end of book*  
**Tucke Mfg. Co.,** Brockton, Mass.

**Vlchek Tool Co. ("Vlchek" Backing-Out),**  
10711 Quincy av, Cleveland, O.

**Punches (Pneumatic)**

See Pneumatic Punches

**12014—Punches (Portable)**

**American Lock Nut & Tool Co. ("Light-**  
ning" Hand for Punching Holes in  
Angle Iron, etc), Oregon, Ill.

**Armstrong-Blum Mfg. Co. ("Marvel," All**  
Steel), 337 N Francisco av, Chicago,  
Ill.

**Braun J. G.,** 609 S Paulina, Chicago, Ill.  
**Cleveland Punch & Shear Works Co., 3921**  
St. Clair av N E, Cleveland, O.

**Danzer Metal Works ("Danzer-Handy"),**  
Hagerstown, Md.

**Excelsior Tool & Machine Co. ("Little**  
Giant"), 32d & Ridge, East St. Louis,  
Ill.

**Kidder J. F. Mfg. Co. ("Little Black-**  
smith"), Burlington, Vt.

**Little Giant Punch & Shear Co.,** Sparta,  
Ill.

**Manitowoc Engineering Works, Manitowoc,**  
Wis.

**Pels Henry & Co. (Imp. Unbreakable**  
Rolled Steel Frame), West & Albany,  
New York

**Rock River Machine Co.,** Janesville, Wis.  
**Schatz Mfg. Co.,** Poughkeepsie, N. Y.

**Whitney Metal Tool Co. ("Whitney," Hand**  
Angle Iron, etc), Rockford, Ill.

**Wiener Machinery Co.,** 56 Church, New  
York

**Punches (Power)**

See Machinery, Punching & Shearing; also  
Shears, Various Kinds

**Punches (Revolving)**

See Punches, Belt & Saddlers', Revolving,  
etc.

**12015—Punches (Rivet Hole)**

**Cleveland Steel Tool Co.,** Cleveland, O.



**12016—Punches (Rolled Head)**

Cleveland Steel Tool Co., Cleveland, O.

**Punches (Round or Saddlers')**

See Punches, Belt &amp; Saddlers', Drive

**12017—Punches (Saw)**

Disston Henry &amp; Sons ("Midget"), Tacony, Phila., Pa.

Goodell-Pratt Co. Greenfield, Mass.

**Punches (Screw)**

See Punches, Boilermakers', Screw

**12018—Punches (Scroll)**

Little Giant Punch &amp; Shear Co., Sparta, Ill.

**12019—\*Punches (Sheet Metal)**

HILLES &amp; JONES CO., East Wilmington, Del. See adv index at end of book

John's Stamping &amp; Machine Works Co., Cleveland, O.

See adv index at end of book

**12020—Punches (Solid)**

See also Punches, Tinners', Solid Drive

Cincinnati Tool Co., Norwood, Cincinnati, O. See adv index at end of book

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Syracuse Twist Drill Co., ("Syracuse") Borden av, Syracuse, N. Y.

See adv index at end of book

Vlcek Tool Co. ("Vlcek"), 10711 Quincy av, Cleveland, O.

**12021—Punches (Spiral, Spring Center)**

Cleveland Steel Tool Co. (Adjustable, Extension &amp; Reducing), Cleveland, O.

**12022—Punches (Spring)**

Johnson Wm. (Hedenberg Works), Newark, N. J.

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

Meyers Fred J. Mfg. Co., Hamilton, O.

See adv index at end of book

Osborne C. S. &amp; Co., Harrison, N. J.

Sacks Louis, Hamburg pl, Newark, N. J.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Smith &amp; Egge Mfg. Co., Bridgeport, Conn.

Springfield Machine Co., Springfield, Mass.

**12023—Punches (Square End)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

**Punches (Ticket)**

See Punches, Conductors' Ticket

**12024—\*Punches (Tie Plate)**

HILLES &amp; JONES CO., East Wilmington, Del. See adv index at end of book

**12025—Punches (Tinners', Solid Drive)**

Bagshaw &amp; Field, 445 N 5th, Phila., Pa.

Braunsdorf-Mueller Co., Elizabeth, N. J.

Browne &amp; Dowd Mfg. Co., Meriden, Conn.

Buck Bros., Millbury, Mass.

Cleveland Steel Tool Co., Cleveland, O.

Cronk &amp; Carrier Mfg. Co., Elmira, N. Y.

Goodell-Pratt Co. (Knurled), Greenfield, Mass.

Johnson Wm. (Hedenberg Works), Newark, N. J.

Kraeuter &amp; Co., 583 18th av, Newark, N. J.

Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.

Mayhew H. H. Co., Shelburne Falls, Mass.

Merchant &amp; Evans Co., 2035 Washington av, Philadelphia, Pa.

See adv index at end of book

**NIAGARA MACHINE & TOOL WORKS,** Buffalo, N. Y.

See adv index at end of book

Osborne C. S. &amp; Co., Harrison, N. J.

Peck, Stow &amp; Wilcox Co., Southington, Conn.

S. &amp; I. Co., Springfield, Mass.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

Smith H. D. &amp; Co. ("Sharpenezy"), Plantsville, Conn.

Snell Mfg. Co., Fliskdale, Mass.

Stortz Jno. &amp; Son, 210 Vine, Phila., Pa.

**SYRACUSE TWIST DRILL CO., ("Syracuse")** Solid & Self-Containing Sheet Metal) Borden av, Syracuse, N. Y.

See adv index at end of book

Tucke Mfg. Co., Brockton, Mass.

Vaughan &amp; Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

Washington Cutlery Co. ("Village Blacksmith"), Watertown, Wis.

Williams William, Jr., New Britain, Conn.

**12026—Punches (Track)**

Anderson W. H. Tool &amp; Supply Co., Brush &amp; Macomb, Detroit, Mich.

Atha Tool Co. (Solid Cast Steel), Chapel, Newark, N. J.

Beall Bros., Alton, Ill.

Evansville Tool Works, Evansville, Ind.

Hubbard &amp; Co., 63rd &amp; Butler, Pittsburgh, Pa.

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Klein-Logan Co., 13th &amp; Breed, Pittsburgh, Pa.

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.

Pels Henry &amp; Co. (Imp. Unbreakable Rolled Steel Frame), West &amp; Albany, New York

Schatz Mfg. Co., Poughkeepsie, N. Y.

Verona Tool Works, Oliver bldg, Pittsburgh, Pa.

Warwood Tool Co., Warwood, Wheeling, W. Va.

See adv index at end of book

**WATSON-STILLMAN CO.** (Hydraulic), 38 Church, New York

See adv index at end of book

Western Tool &amp; Forge Co., Brackenbridge, Pa.

Wiener Machinery Co., 56 Church, New York

**12026a—\*Punches & Dies (Boilermakers)****AMERICAN DIE & TOOL CO.,** Reading, Pa.

See adv index at end of book

**Punching & Shearing Machinery**

See Machinery, Punching &amp; Shearing

**12026b—\*Punchings (Armature Disc)**

Forbes &amp; Myers, 169 Union, Worcester, Mass. See adv index at end of book

**12027—Purifiers (Feed Water)**

See also Heaters, Feed Water; also Filters, Feed Water

**ALLIS-CHALMERS MFG. CO.,** Milwaukee, Wis. See adv index at end of book

American-Water Softener Co. ("American"), 10th &amp; Chestnut, Phila., Pa.

Baragwanath Wm. &amp; Son, 1260 W Division, Chicago, Ill.

Bates Machine Co. ("Cookson" System), Joliet, Ill.

Bayer Steam Soot Blower Co. ("Bayer"), St. Louis, Mo.

Berry Engineering Co. ("Berry" "Monograph"), Chester, Pa.

Davis I. B. &amp; Son ("Berryman" &amp; "Gleaner" Heater &amp; Purifiers), Hartford, Conn.

Dodge Sales &amp; Engineering Co. ("Eureka"), Mishawaka, Ind.

Economy Iron Works ("Dougherty"), Chester, Pa.

Frost Mfg. Co. ("Continental"), Galesburg, Ill.

Griscom-Russell Co. ("Massillon" Feed Water Heater, Purifier &amp; Oil Extractor, "Stratton" "Bundy" &amp; "Russel" Separators and Reilly Multiscreen Filters) 92 West, New York

See adv index at end of book

**HARRISBURG PIPE & PIPE BENDING CO.,** Harrisburg, Pa.

Harrison Safety Boiler Works ("Cochrane"), 3147 W 17th, Phila., Pa.

See adv index at end of book

Hoppes Mfg. Co., Springfield, O.

Horstman F. W. Co., Irvington, N. J.

Jacobs Chas. &amp; Co., 258 Franklin, Boston, Mass.

Jewell Engng. Co., Monadnock blk, Chicago, Ill.

Keyes F. E. ("Advance"), 20 Broad, New York

Liberty Mfg. Co., Pittsburgh, Pa.

Linton Machine Co., 26 Cortlandt, New York

Loomis-Manning Filter Mfg. Co., 1421 S 37th, Philadelphia, Pa.

McGowan Jno. H. Co., 52 Central av, Cincinnati, O.

Milwaukee Reliance Boiler Works ("Perfection," Heater &amp; Purifier), 1102 32d, Milwaukee, Wis.

Open Coil Heater &amp; Purifier Co. ("Stickle" Heater &amp; Purifier), Indianapolis, Ind.

Patterson D. W. ("Machman" System), Harrison bldg, Phila., Pa.

Patterson Frank L. &amp; Co., 26 Cortlandt, New York

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Pittsburgh Water Heater Co., Columbia Bk. bldg., Pittsburgh, Pa.  
 Platt Iron Works Co., Dayton, O.  
**Power Plant Specialty Co. ("Vater"), 53 W Jackson blvd, Chicago, Ill.**  
 Reiter E. H., Elgin, Ill.  
 Ross Mfg. Co., Northville, Mich.  
 Ross Valve Co. ("Railton," "Campbell"), 9 Oakwood av, Troy, N. Y.  
*See adv index at end of book*  
**SCAIFE WM. B. & SONS CO. ("Scientific"), First National Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York.** *See adv index at end of book*  
**Sharkey & Peck ("Colles") Automatic Live Steam Filter & Purifier, 2433 W 18th Chicago, Ill.**  
**Standard Water Systems Co. ("Tripure"), Hampton, N. J.**  
**Stewart Heater Co. (Feed Water Purifying Apparatus), Buffalo, N. Y.**  
**Under Feed Stoker Co. of America ("Bartlett"), 111 W Monroe, Chicago, Ill.**  
**United Iron Works Co., Springfield, Mo.**  
**Webster Warren & Co. (Chemical Feed Water), Camden, N. J.**  
**Western Pipe & Steel Co., 444 Market, San Francisco, Cal.**  
**Whitlock Coil Pipe Co., Hartford, Conn.**

### 12028—Purifiers (Flour & Meal)

Barnard & Leas Mfg. Co., Moline, Ill.  
 Great Western Mfg. Co., Leavenworth, Kan.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Sprout Waldron & Co., Muncy, Pa.

### 12029—Purifiers (Middlings)

Wolf Co., Chambersburg, Pa.

#### Purifiers (Oil)

See Filters, Oil

### 12030—Purifiers & Scrubbers (Gas)

See also Gas Works Apparatus & Construction; also Gas Works Machinery, etc.

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

**CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.**

*For branch offices see adv index at end of book*

Columbiana Boiler Co., Columbiana, O.

Cruse-Kemper Co., Ambler, Pa.

Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Flinn & Dreffin Co., 431 S Dearborn, Chicago, Ill.

Gas Machinery Co. (Rotary), 1900 Euclid av, Cleveland, O.

Graver Wm. Tank Works, East Chicago, Ind.

Isbell-Porter Co. (Rotary Ammonia & Shaving), 46 Bridge, Newark, N. J.

Kennicott Co., Chicago Heights, Ill.

Lloyd Construction Co., Detroit, Mich.

Meehan Boller & Cons. Co., Lowellville, O.

Quintard Iron Works Co., 742 E 12th, New York

Riter-Conley Co., Pittsburgh, Pa.

Smith Gas Power Co., Lexington, Richland Co., O.

Stacey Mfg. Co. ("Chollar's" System of Gas Purification), Big Four RR av, Township av, Elmwood, Cincinnati, O.

Western Gas Construction Co., Ft. Wayne, Ind.

Wood R. D. & Co. ("Theisen"), 400 Chestnut, Phila., Pa.

### 12031—Push Button Centers

Auburn Button Works, Auburn, N. Y.

Hemming Mfg. Co., Garfield, N. J.

Scranton Button Co. (Electroid), Scranton, Pa.

### 12032—Push Buttons

For Other Electrical Specialties, See Index of Contents

American Hard Rubber Co., 9 Mercer, New York

Ansonia Electrical Co., Ansonia, Conn.

Bilton Machine Tool Co. (The), ("Crown"), Bridgeport, Conn.

Bohm Albert (Importer), 260 W B'way, New York

Bunnell J. H. & Co., 32 Park pl, New York

Cleverly Electrical Works, 17 N 7th, Phila., Pa.

Consolidated Car Heating Co., Albany, N. Y.

Corbin P. & F., New Britain, Conn.

Couch S. H. Co. ("Workrite," "Pushrite"), Quincy, Mass.

**CUTLER HAMMER MFG. CO., 1200 St. Paul av, Milwaukee, Wis.**

*See adv index at end of book*

**DELAWARE HARD FIBRE CO., Wilmington, Del.** *See adv index at end of book*

Dickinson Mfg. Co. ("Rubber & Elborine"), Springfield, Mass.

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

Edwards & Co. ("Midget," "Dixie," "New Mite") Exterior & 140th, New York

**ESTES E. B. & SONS (Electric, Wood), 358 5th av, New York**

*See adv index at end of book*

Fitzgerald Mfg. Co. ("Clero"), Torrington, Conn.

Giant Mfg. Co., Council Bluffs, Ia.

*See adv index at end of book*

Hemming Mfg. Co., Garfield, N. J.

Holtzer-Cabot Electric Co., Brookline, Mass.

Kell Francis & Son ("Anti-Wood," "Anti-Screw Midget"), 401 E 163d, New York

Lovell F. H. & Co. ("Double Eagle"), Arlington, N. J.

Manhattan Electrical Supply Co. ("Reliable"), 17 Park pl, New York

Moon Mfg. Co. (For Elevators Only), 122 N Jefferson, Chicago, Ill.

**MORSE FRANK W. ("Workrite") 293 Congress, Boston, Mass.**

*See adv index at end of book*

Murdock W. J. Co., Chelsea, Mass.

Ostrander W. R. & Co., 371 Broadway, New York

P. R. Mfg. Co., Detroit, Mich.

Patrick & Wilkins Co., 51 No. 7th, Phila., Pa.

Penn Hardware Co., Reading, Pa.

Phelps & Sons Mfg. Co., 110 Pennington, Newark, N. J.

Reading Hardware Co., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.

Schwarze Electric Co., Adrian, Mich.

Siemon Hard Rubber Corp., Bridgeport, Conn.

Stanley & Patterson ("Devean"), 23 Murray, New York

Starr Bros. Bell Co., East Hampton, Conn.

Stephenson Mfg. Co. (Wood), South Bend, Ind.

Taylor & Boggis Foundry Co., Cleveland, Ohio

U. S. E. M. Co. ("Use"), 301 W 37th, New York

Union Hardware Co. (Wood), Torrington, Conn.

Walsh Owen Mfg. Co., 525 W 26th, New York

Western Electric Co., 463 West, New York

Wilhelm Henry (Bronze), 70 Frost, Brooklyn, N. Y.

Yale & Towne Mfg. Co., 9 E 40th, New York

**12033—Push Plates (Plate Glass)**

Anderson Geo. H. & Co., 1467 W Austin av, Chicago, Ill.

Champion Hardware Co., Geneva, O.

Gallagher P. J., 24 New Chambers, New York

#### Pushers (Car)

See Car Movers or Pushers

### 12034—Pushers (Coke)

Alliance Machine Co. (Combined Pusher & Leveler), Alliance, O.

**ATLAS CAR & MFG. CO. (Electric), Cleveland, O.** *See adv index at end of book*

Gas Machinery Co., 1900 Euclid, Cleveland, O.

Wellman-Seaver-Morgan Co., Cleveland, O.

### 12034a—Pushers (Pipe)

Giant Mfg. Co., Council Bluffs, Ia.

### 12035—Putty (Calking)

Pecora Paint Co., ("Rhino"-brand calking & Glazing compound) 4th & P. & R. R. R., Philadelphia, Pa.

Weatherproof Calking Co. ("Hennen" Elastic, for Walls, etc), Minneapolis, Minn.

### 12036—Putty (Glaziers' & Painters')

Acme White Lead & Color Works, Detroit, Mich.

Allen Paint & Putty Works, 334 N Ashland, Chicago, Ill.

Allentown Mfg. Co., Allentown, Pa.

Armstrong Co. ("Tharco" Stove, Boiler, Metal Sash, etc), 124 Post av, Detroit, Mich.

Baker Wm. T. (Inc), (Reliable), 224 Suydam, Jersey City, N. J.

Belknap Moran Allen Co., 5 Ainslie, Brooklyn, N. Y.

Briggs John & Co. ("Peerless"), 45 Purchase, Boston, Mass.

Chicago White Lead & Oil Co., 1454 S Western av, Chicago, Ill.

Colebrook W. H. Sons, Syracuse, N. Y.

Connors Wm. Paint Mfg. Co. ("American Seal" White Lead), Troy, N. Y.

**Crandall E. V. Oil & Putty Mfg. Co., 1105 Metropolitan av, Brooklyn, N. Y.**

Devoe & Raynolds Co., Inc., 101 Fulton New York

Dicks-Pontius Co., Dayton, O.

Felton, Sibley & Co., 136 N 4th, Phila., Pa.

French Samuel H. & Co., 4th & Callowhill, Phila., Pa.

Grote Geo. W. & Co, 430 E 102d, New York

Hetzel J. G. (Plumbers'), 67 Main, Newark, N. J.

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Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.

Kent & Purdy Paint Co. ("K. & P."), 11th & Mullanphy, St. Louis, Mo.

Lancaster Paint & Glass Co., Lancaster, Pa.

**Louisville Lead & Color Co., Louisville, Ky.**

Lucas John & Co., 322 Race, Phila., Pa.

**Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.**

Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.

Ruth B. F. & Co., Reading, Pa.

Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.

Tucker Mfg. Co., 17 E 137th, New York

Underhay Oil Co., 73 Batterymarch, Boston, Mass.

Weatherproof Calking Co. ("Hennen's" Weatherproof), Minneapolis, Minn.

Wilhelm A. Co., Reading, Pa.

**12037—Putty (Greenhouse)**

Patton Paint Co. (Liquid), Milwaukee, Wis.

**12038—Putty Mfrs. (Stovemakers')**

Armstrong Co. ("Tharco" Asbestos), 124 Post av, Detroit, Mich.

Cleveland Stone Co., Leader-News bldg, Cleveland, O.

Colebrook W. H. & Son ("Colebrook Crown"), Syracuse, N. Y.

Connors Wm. Paint Mfg. Co., Troy, N. Y.

Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.

Rutland Fire Clay Co., ("Rutland") Rutland, Vt.

Tucker Mfg. Co., 17 E 137th, New York

#### Putty Ornaments

See Ornaments, Composition

### 12039—Putty Powder

Doggett Stanley, 11 Cliff, New York

Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York

Fuller H. B. Co. ("Gibraltar"), 188 W 3rd, St. Paul, Minn.

Harrison Supply Co., 5 Dorchester av, Boston, Mass.

Harshaw, Fuller & Goodwin Co., Electric bldg., Cleveland, O.

Johnston & Jennings (All Grades), Addison rd & N. Y. C. R. R., Cleveland, O.

*See adv index at end of book*

Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.

Rhodes Jas. H. & Co. (Green & White), 157 W Austin av, Chicago, Ill.

Thurston F. W. Co. ("Fill-Tite," a Granite Hard Cold Water Crack Filler), 1832 S Clark, Chicago, Ill.

Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.



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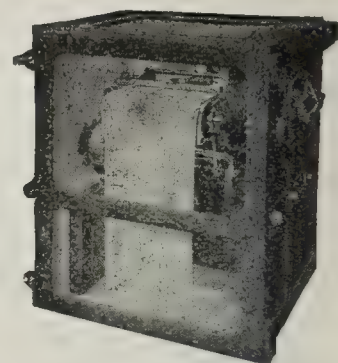
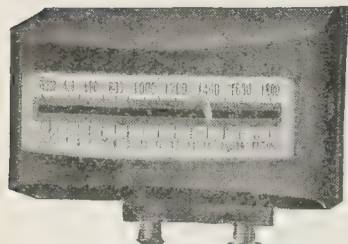
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Milwaukee Corrugating Co. (Jobbers), Milwaukee, Wis.

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Randall-Faichney Co. ("R. & B."), Boston, Mass.

#### Pyrates of Iron

See Ores, Pyrates

#### Pyrolusite

See Oxide of Manganese

### 12043— Pyrometers

Allbrecht Francis J. (For Baker's Ovens), Pittsburgh, Pa.

American Steam Gauge & Valve Mfg. Co. ("Buckley"), 208 Camden, Boston, Mass.

Beighlee Electric Co. (Compensated Recording) Columbia bldg, Cleveland, O.

BRISTOL CO., ("Bristol's" Indicating Electric, Recording Electric & Combination Indicating & Recording), Waterbury, Conn.

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Brown Instrument Co. ("Brown," Electric Recording, etc.), Wayne & Windrim, Phila., Pa.

Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

Du Vivier Ernest H., 30 Church, New York

Eimer & Amend, 205 3d av, New York

Engelhard Charles (Imported "Heraeus Le Chatelier"), 30 Church, New York

FOXBORO COMPANY, THE (Succeeding Industrial Instrument Co.) ("Foxboro"), Foxboro, Mass.

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Frink Pyrometer Co. ("Frink"), Lancaster, O.

Gibb Instrument Co., ("I-Rite") Highland bldg, Pittsburgh, Pa.

Hoskins Mfg. Co. ("Thermo-Electric"), 453 Lawton, Detroit, Mich.

Leeds & Northrup Co. ("Electric Resistance"), Stenton av, Gtn., Phila., Pa.

Morse Thermo Gage Co. (Optical), Ithaca, N. Y.

National Gauge Co. ("National"), 300 Pacific, Brooklyn, N. Y.

Oelschlaeger Bros. (Importers), 30 E 23d, New York

Pelton & Crane Co., Detroit, Mich.

Phila. Thermometer Co., 9th & Arch, Phila., Pa.

Precision Thermometer & Instrument Co., 1434 Brandwine, Philadelphia, Pa.

Price Electric Co., 12369 Euclid av, Cleveland, O.

Pyroelectric Instrument Co., 148 E State, Trenton, N. J.

Queen-Gray Co., 618 Chestnut, Phila., Pa.

SCHAEFFER & BUDENBERG MFG. CO. (Electric, Special for Bake Oven; Expansion & Mercury), Berry & S 5th, Brooklyn, N. Y.

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Scientific Instrument Co., Detroit, Mich.

Scientific Materials Co. ("Scimatco," Optical), 717 Forbes, Pittsburgh, Pa.

SHORE INSTRUMENT & MFG. CO. Inc. ("Pyroscope" Optical Pyrometers for High Temperatures), 557 W 22d, New York

Stupakoff S. H. ("Le Chatelier"), 6639 Hamilton av, Pittsburgh, Pa.

Tagliabue Chas. J. Mfg. Co. (All Kinds for All Purposes), 20 33d, Brooklyn, N. Y.

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See adv index at end of book

Thompson-Levering Co. ("Peerless" Jobbins), 323 Arch, Phila., Pa.

Thwing Instrument Co. (Indicating & Recording Electric Resistance & Radiation), 33d & Lancaster av, Phila., Pa.

Uehling Instrument Co. (Pneumatic Recording), 71 Broadway, New York

Weiskopf Abraham, 16 S Clinton, Chicago, Ill.

Wilson-Maeulen Co. ("Advance," "Le Chatelier," "Unipivot"), 781 E 142nd, New York

Zaubitz August (Up to 3000 Degrees Fahr.), 95 Cliff, New York

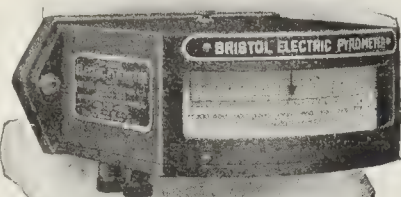
### 12043a— \*Pyroxylin

DU PONT CHEMICAL WORKS, 120 Broadway, New York

### 12044— Pyroxylin Solutions

DU PONT CHEMICAL WORKS (Soluble Cotton or Nitrocellulose), 120 B'way, New York

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Carolina Mineral Co., Penland, N. C.  
Chrystal Charles B. (Imp.), 13 Cliff, New York. *See adv index at end of book*  
Dunkel S. P. & Son, Ostend & Leadenhall, Baltimore, Md.  
Garden City Sand Co., Chamber of Commerce, Chicago, Ill.  
New England Quartz Co. of N. Y. (Granulated), 107 William, New York  
Philadelphia Quartz Co., 121 S 3d, Phila., Pa.  
Product Sales Co., 32 So. Calvert, Baltimore, Md.  
Robbins A. A. Mining Co. (Miners), 99 John, New York  
Wausau Quartz Co. (Miners & Crushers of White Quartz & Flint), Wausau, Wis.  
Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.  
Wilson-Maeulen Co. (Imp. & Transparent), 781 E 142nd, New York

**12046— Quartz (Glass)**

Berge J. & H., 95 John, New York  
Eimer & Amend, 205 3d av, New York  
Engelhard Chas., 30 Church, New York  
Lenz Apparatus Co., 9 E 16th, New York  
Thomas Arthur H. Co., W Washington sq, Philadelphia, Pa.

**12047— Quenchers (Coke)**

**BARTLETT C. O. & SNOW CO.**, French, Cleveland, O. *See adv index at end of book*  
Gas Machinery Co., 1900 Euclid, Cleveland, O.

**12048-9— Quicksilver**

Atkins Kroll & Co., 311 California, San Francisco, Cal.  
Braun-Knecht-Hermann Co. (Imp), 576 Mission, San Francisco, Cal.  
Chisos Mining Co., 51 Exchange, Portland, Me.  
Haas Bros (American & Imported), 61 B'way, New York  
McKesson & Robbins (Imp.), 91 Fulton, New York

**Quoits (Rubber)**

See Dumb Bells & Quoits

**12050-1-2—Rabbits (Iron)**

Illinois Iron & Bolt Co., Carpentersville, Ill.

**12053— Racks (Baggage)**

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.  
Corry Metal Products Co. (All Steel, for Hotels, etc), Corry, Pa.  
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

Howard Jas. L. & Co., Hartford, Conn.  
Rostand Mfg. Co. ("McCarthy's" Hat & Baggage Racks for Cars), Milford, Conn.  
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.  
Shults H. H. Co., Gowanda, N. Y.  
Star Brass Mfg. Co. ("Star" Basket), 108 E Dedham, Boston, Mass.

**12054— \*Racks (Bar Steel)**

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.  
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**Racks (Bicycle)**

See Stands, Bicycle

**12055—Racks (Book & Catalogue)**

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
Goshen Novelty & Brush Co. (Oak), Goshen, Ind.  
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*  
Rostand Mfg. Co. ("Rostand"), Milford, Conn.  
Tatum Sam'l C. Co., Cincinnati, O.  
Watson Mfg. Co., Jamestown, N. Y.

**Racks (Bottle)**

See Bottle Racks, Milk; also Racks, Wine Bottle

**Racks (Broom)**

See Racks, Display

**12056— Racks (Cable)**

Cook Frank B. Co., 326 W Madison, Chicago, Ill.  
Cope T. J. ("Cope's"), 1620 Chancellor, Philadelphia, Pa.  
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
Electrical Engineers Equipment Co. (For Manholes, etc), 711 Meridian, Chicago, Ill.  
Lanz M. & Sons (For Manholes), 2907 Carson, Pittsburgh, Pa.  
Metropolitan Engineering Co. (For Subway Cables), 35 Vestry, New York  
Standard Underground Cable Co., Pittsburgh, Pa.

**12057— Racks (Car)**

Dayton Mfg. Co. (Car Basket Racks), Dayton, O.  
Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*  
Wallace Supplies Mfg. Co. ("Wallace" Parcel, etc), 412 Orleans, Chicago, Ill.

**12058—Racks (Card, Wire)**

Hutchins-Kilbourne Co. (Spiral, Folding, etc), Buffalo, N. Y.  
Morgan Spring Co. (Adjustable Wire Folding Racks), Worcester, Mass.  
Parker Wire Goods Co. (Wire Folding), Worcester, Mass.  
Progressive Wire Goods Co., 523 Commerce, Philadelphia, Pa.  
Woods, Sherwood Co. ("Sherwood's Spiral Wire"), Worcester, Mass.

**12059— Racks (Chair Rod)**

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

**12060— Racks (Core)**

Allsteelequip Co., Aurora, Ill.  
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.  
Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*  
**SNEAD & CO. IRON WORKS (INC)**, 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

**12061— Racks (Cut)**

Blount Engineering Co., 100 High, Boston, Mass. *See adv index at end of book*  
Boston Gear Works (Brass & Steel), Norfolk Downs, Quincy, Mass.  
Brown A. & F. Co., 79 Barclay, New York Works: Elizabethport, N. Y.  
Caldwell H. W. & Son Co. (Spur, etc), 17th & Western av, Chicago, Ill.  
Crofoot Gear Works, Cambridge, Mass.  
Davis Rodney, 624 Race, Phila., Pa.  
Fawcus Machine Co., 1st Natl. Bk. bldg, Pittsburgh, Pa.  
**FOOTE BROS. GEAR & MACHINE CO.**, 210 N Carpenter, Chicago, Ill.  
*See adv index at end of book*  
**GANSCHOW WM. CO.**, 1001 Washington blvd, Chicago, Ill.  
*See adv index at end of book*  
Horsburgh & Scott Co., Cleveland, O.  
James D. O. Mfg. Co., 1120 W Monroe, Chicago, Ill.  
Jones W. A. Foundry & Machine Co., (Spur Gear, etc.), 4401 W 12th, Chicago, Ill.  
Melsel Press Mfg. Co., 942 Dorchester av, Boston, Mass.  
**NUTTALL R. D. CO.** (Machine Cut, Steel), McCandless & Harrison av, Pittsburgh, Pa. *See adv index at end of book*  
Philadelphia Gear Works (Brass, etc), E Vine, Phila., Pa.  
Simonds Mfg. Co., Liberty & 25th, Pittsburgh, Pa.  
**STANDARD GAUGE STEEL CO.** (Finished Cut Steel), Beaver Falls, Pa.  
*See adv index at end of book*  
Van Dorn & Dutton Co., 2978 Woodhill, Cleveland, O.

**12062— Racks (Desk)**

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.

**12063— Racks (Display)**

Banner Machine Co. ("Ohio" Table Oilcloth Rack), Columbiana, O.  
**Berger Specialty Mfg Co. ("Berger" Steel Broom)**, Richmond, Va.  
Best John H. ("Best" Revolving Whip Rack & Display Stand, Also Robe Blanket, Linoleum, Lace Curtain, Drapery, Rug, etc), Galva, Ill.  
Bowser R. M. & Son ("Bowser" Wire Cloth), Renfrew, Pa.  
Brager B. & Sons (Wood & Metal), 85 5th av, New York  
Bryan Novelty Mfg. Co. (Also Newspaper, Oilcloth, etc), Bryan, O.  
Dreyer H. G. & Son Co. (Saddlery, etc), Cleveland, O.  
Flanders A. F. Mfg. Co. ("Schilling Adjustable"), Buffalo, N. Y.  
Globe Mfg. Co. (For Handles), Perry, Ia.  
**Goldberg Display Fixtures Co.**, 135 W 23rd, New York  
Herrick F. A. Co. (For Tools, etc), Jackson, Mich.  
Indianapolis Corrugating Co. ("Peerless" For Linoleum, Lace Curtains, Drapery, Rugs, etc), Indianapolis, Ind.  
Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.  
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Morgan Spring Co., Worcester, Mass.  
Mosher F. M. (Adjustable Tool, Shovel, etc), Canton, Ill.  
Nicol & Co. (Broom), 218 N Jefferson, Chicago, Ill.  
Peerless Wire Goods Co., Lafayette, Ind.  
Reed Evan L. Mfg. Co., Sterling, Ill.  
**SNEAD & CO. IRON WORKS (INC)**, 98 Pine, Jersey City, N. J.  
*See adv index at end of book*  
Stender C. F. G. & Co. (Fishing Rod Stands), 12 N Market, Chicago, Ill.  
Swift Stanley C. Co. Mfg. Co. ("Perfection" Linoleum, etc), Cuba, N. Y.  
Timberlake J. B. & Sons (Plate Bowl, Folding, etc), Jackson, Mich.  
Twentieth Century Brass Works (Display Fixtures), 231 Fifth av S, Minneapolis, Minn.

**12064—Racks (Drill, Reamer, Tap)**

Driver C. H. & Kerr Co., Racine, Wis.  
Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*

**12065— \*Racks (Filing)**

Medart Fred Mfg. Co. (Steel), De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*



**12066—Racks (Folding Clothes)**

Cassady Fairbank Mfg. Co. ("Federal," "Monarch"), 6126 S La Salle, Chicago, Ill.  
 Ely T. J. Mfg. Co. ("Dandy" Hardwood, etc), Erie, Pa.  
 Hutchins-Kilbourne Co. (Six Arms, etc), Buffalo, N. Y.  
 Reading Saddle & Mfg. Co. ("Reading") Reading, Pa.

**12067—Racks for Cold Storage Rooms**

Koch Butcher Supply Co., 519 Wyandotte, Kansas City, Mo.  
 Market Forge Co. (Galvanized Iron Coin), 217 5th, Boston, Mass.

**12068—Racks (Garden Hose)**

Pratt Fork & Hoe Corp., Frankfort, N. Y.  
 Specialty Mfg. Co. ("Handy" Hose Rack & Carrier), St. Anthony Park, Minn.

**12069—Racks (Hat & Coat)**

American Mfg. Co., Chattanooga, Tenn.  
 Arcade Mfg. Co., Freeport, Ill.  
 Baker J. R. & Sons Co., Kendallville, Ind.  
 Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
 Christen Bellows & Mfg. Co. (Wooden), Main & Dock, St. Louis, Mo.  
 Dennis W. J. & Co., 2222 W Lake, Chicago, Ill.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Fischer Bros. & Corwin, 238 South, Newark, N. J.  
 Fox Geo. S., 137 N 6th, Phila., Pa.  
 Ideal Metallic Furniture Co. (Metal), 1259 Military, Detroit, Mich.  
 McKenna Bros. Brass Co. (Brass), 1st av & Ross, Pittsburgh, Pa.  
 McLaren Iron Works Co., Cleveland, O.  
 Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Parks & Parks, Troy, N. Y.  
 Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.  
 Tucker & Dorsey Mfg. Co. (Wood), Indianapolis, Ind.  
 Wire & Metal Wares Co. (Steel), Erie, Pa.

**12070—Racks (Hay, Wire & Iron)**

Barnum E. T. Wire & Iron Wks, 864 Woodward, Detroit, Mich.  
 Lansing Wagon Works (Combination Hay & Stock), Lansing, Mich.  
 Western Implement Co., Port Washington, Wis.

**12071—Racks (Hay & Stock)**

Barber Mfg. Co., Ashtabula, O.  
 Casey-Hedges Co., Chattanooga, Tenn.  
 Clippinger A. B. & Son, Kansas City, Mo.  
 Dickinson Rack Co., Stockbridge, Mich.  
 Dutton E. Q. & Co. (Corner Hay), Cato, N. Y.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Harris Mfg. Co. ("Warren" Automatic Hay), Salem, O.  
 James Mfg. Co. ("James" Steel), Ft. Atkinson, Wis.  
 Lansing Wagon Works, Lansing, Mich.  
 Patterson Mfg. Co., Holly, Mich.  
 Republic Mfg. Co. (Cast Iron Corner), Milwaukee, Wis.  
 Rockford Steel Fixture Co., Rockford, Ill.  
 Sargent, Osgood & Roundy Co. (Corner), Randolph, Vt.  
 Schairer Geo. E., Saline, Mich.  
 Stoughton Wagon Co., Stoughton, Wis.  
 True Mfg. Co., Eaton Rapids, Mich.  
 Walrath Abram Co., Weedsport, N. Y.

**12072—Racks (Insulated)**

Fletcher Mfg. Co. ("Fletcher"), Dayton, Ohio

**12073—Racks (Kitchen Cabinet)**

American Mfg. Co., Chattanooga, Tenn.

**Racks (Machine)**

*See Racks, Cut*

**12074—Racks (Mail Pouch)**

Tinsley Railway Supplies & Equipment Co. ("Rausch" for Cars), McCormick bldg, Chicago, Ill.

**12075—\*Racks (Metal)**

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.  
*See adv index at end of book*

**12076—Racks (Milk Bottle)**

Smith John P. & Co., New Haven, Conn.

**12077—\*Racks (Mining Machine)**

NUTTALL R. D. CO., McCandless & Harrison av, Pittsburgh, Pa.  
*See adv index at end of book*

**12078—\*Racks (Newspaper & Magazine)**

Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 SNEAD & CO. IRON WORKS (INC.), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

**12079—Racks (Oven)**

American Mfg. Co. ("No-Rust"), Chattanooga, Tenn.  
 Peerless Wire Goods Co., Lafayette, Ind.  
 Union Steel Products Co. (Ltd.), Albion, Mich.

**12080—\*Racks (Pattern Storage)**

Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Ohio Mfg. Co., P. O. Box 358, Painesville, Ohio  
*See adv index at end of book*  
 Terrell's Equipment Co., B'way, Grand Rapids, Mich.

**12081—Racks (Pew)**

Wrightsville Hardware Co. (Card & Book), Wrightsville, Pa.

**12082—Racks (Pipe)**

Allsteelequipt Co., Aurora, Ill.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Grabler Mfg. Co. (For Heavy Pipe), Cleveland, O.  
 National Mfg. Co. ("Nalwire" Wire), Worcester, Mass.

**12083—\*Racks (Portable Forge)**

Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*

**12084—Racks (Postal Bag)**

Harrison Postal Bag Rack Co., Fond du Lac, Wis.  
 Keyless Lock Co., Indianapolis, Ind.  
 Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Tinsley Railway Supplies & Equipment Co. ("Rausch" Pouch Rack for RR Cars), McCormick bldg, Chicago, Ill.

**12085—Racks (Pot Cover)**

Racine Iron & Wire Works, Racine, Wis.  
 Wolverine Mfg. Co. ("Wolverine"), Page & Fontella, Pittsburgh, Pa.

**Racks (Rug)**

*See Exhibitors, Rug*

**12086—Racks (Rubber Stamp)**

American Stamp Mfg. Co., 85 John, New York

**12087—Racks (Shoe)**

Dexter Metal Mfg. Co. (Also Boots), 93 Arch, Camden, N. J.  
 Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 SNEAD & CO. IRON WORKS (INC.), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*  
 Whitman Agricultural Co. (110 Sizes), 7000 S B'way, St. Louis, Mo.  
 Zering H. Mfg. Co., Cincinnati, O.

**12088—\*Racks (Steel Storage)**

LEAKE A. G. ERECTING CO., Bridgeport, Conn.  
 Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Ohio Mfg. Co., P. O. Box 358, Painesville, O.  
*See adv index at end of book*  
 SNEAD & CO. IRON WORKS (INC.), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

**12089—\*Racks (Stock Room)**

Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Ohio Mfg. Co., P. O. Box 358, Painesville, Ohio  
*See adv index at end of book*  
 SNEAD & CO. IRON WORKS (INC.), ft of Pine, Jersey City, N. J.  
*See adv index at end of book*

**12090—Racks (Thresher)**

Hart Grain Weigher Co., Peoria, Ill.

**12091—Racks (Ticket, Metal)**

National Ticket Case Co., 842 W 35th, Chicago, Ill.

**12092—Racks (Tool)**

Allsteelequipt Co. (Stationary & Portable), Aurora, Ill.  
 Angle Steel Tool Co. ("Ideal"), Otsego, Mich.  
 Arnold S. G. (All Steel), 2619 W Van Buren, Chicago, Ill.  
 Berger Mfg. Co., Canton, O.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Cleveland Metalcraft Co., Cleveland, O.  
 Cleveland Wire Spring Co. (Sheet Metal), Cleveland, O.  
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Federal Steel Fixture Co., 4545 Homer, Chicago, Ill.  
 Herrick F. A. Co. (For Displaying Tools), Jackson, Mich.  
 Keighley S. Metal Ceiling & Mfg. Co. (Steel Shell), 124 3d av, Pittsburgh, Pa.  
 Keyless Lock Co., Indianapolis, Ind.  
 La Porte Mat & Mfg. Co. ("Hercules"), La Porte, Ind.  
 Lyon Metallic Mfg. Co. ("Lyon" Steel Portable, Revolving & Stationary), Aurora, Ill.  
 Manufacturing Equipment & Engineering Co. (Steel), 136 Federal, Boston, Mass.  
 Medart Fred. Mfg. Co., De Kalb & Potosi, St. Louis, Mo.  
*See adv index at end of book*  
 Mosher F. M. ("Mosher," Adjustable), Canton, Ill.  
 New Britain Machine Co. ("New Britain," Portable), 190 Chestnut, New Britain, Conn.  
 OHIO MFG. CO., P. O. Box 358, Painesville, O.  
*See adv index at end of book*  
 Terrell's Equipment Co. (Metal), B'way, Grand Rapids, Mich.  
 Tucker & Dorsey Mfg. Co. ("Danhour's"), Indianapolis, Ind.  
 Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.  
 Wisconsin Foundry & Machine Co. (Portable Steel), Madison, Wis.

**12093—Racks (Towel)**

*See also Rods, Towel*

Arcade Mfg. Co., Freeport, Ill.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Bogert & Hopper (Wooden), 67 Barclay, New York  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Buffalo Mfg. Co., Buffalo, N. Y.  
 Cassady Fairbank Mfg. Co. (Racks & Rollers), 6126 La Salle, Chicago, Ill.  
 Chapman-Sargent Co. (Ring Roller, Towel Arms, etc), Perrysburg, O.  
 Church C. F. Mfg. Co. ("White Pyralin" Rollers), Holyoke, Mass.  
 Columbus Brass Co., 538 Dublin av, Columbus, O.  
*See adv index at end of book*  
 Ely T. J. Mfg. Co. ("Dandy" Hardwood), Erie, Pa.  
 Estes E. B. & Sons (Wooden), 358 5th av, New York.  
*See adv index at end of book*



Fischer Bros. & Corwin (Towel Rollers), 238 South Newark, N. J.  
 Forsythe Metal Goods Co., E. Aurora, N. Y.  
 Fox Geo. S., 137 N 6th, Phila., Pa.  
 Hutchins-Kilbourne Co. (Steel Brackets, Polished Arms & Nickel Plated Racks & Rollers, etc), Buffalo, N. Y.  
 Landers, Frary & Clark (Polished, Solid Brass), New Britain, Conn.  
 Lewis Samuel ("Lockit" Roller), 73 Barclay, New York  
 McKenna Bros. Brass Co., 1st av & Ross, Pittsburgh, Pa.  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Novelty Mfg. Co. ("Wilwear," Arm Swing-ing), Waterbury, Conn.  
 Parker Wire Goods Co. ("Perfection" Three Arm), Worcester, Mass.  
 Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.  
 Rocky Hill Hardware Co. (Towel & Clothes), Rocky Hill, Conn.  
 Sillocks-Miller Co. ("Celluvarno"), South Orange, N. J.  
 Star Brass Works Co. (Glass), Kansas City, Mo.  
 Stokes Wm. A. & Co. (Arm & Rollers), 50 Howard, New York  
 Taplin Mfg. Co. ("Ideal"), New Britain, Conn.  
 Tucker & Dorsey Mfg. Co., Indianapolis, Ind.  
 Wire Goods Co. ("Ideal"), Worcester, Mass.

### 12094-5—Racks (Trunk, Automobile)

Ajax Trunk & Sample Case Co., 150 W 18th, New York  
 Clayton's Frank B. Sons, 1227 N 11th, Phila., Pa.  
 Connecticut Steel & Wire Co. ("Standard"), Hartford, Conn.  
 Farnham & Nelson Co., 47 Union av, Jamaica pl, Boston, Mass.  
 Highton Wm. & Sons Co., Nashua, N. H.  
 Koniglow Otto Mfg. Co., 3506 Perkins av, Cleveland, O.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Kreidler Auto Top Co., Trenton, N. J.  
 Milwaukee Auto Specialty Co. ("Masco"), 711 Chestnut, Milwaukee, Wis.  
 Motor Car Supply Co. ("Cradle"), 1453 Michigan av, Chicago, Ill.  
 Reliance Engineering Co., Lansing, Mich.  
 Sargent & Ham Co. ("A-1"), 26 Bowker, Boston, Mass.  
 Smith H. Lund, Paterson, N. J.  
 Sterling Top & Equipment Co., 518 W 57th, New York  
 Sutherland F. L. Co., Detroit, Mich.  
 Wilson F. Cortez Co., 323 W Lake, Chicago, Ill.  
 Winship W. W., 71 Summer, Boston, Mass.

### Racks (Umbrella)

See Stands, Umbrella

### 12096—Racks (Wooden)

Established 1847 **E. B. ESTES & SONS**  
 Manufacturers of  
**WOODEN RACKS**  
 For Poker Chips, Test Tubes, Display Purposes, etc.  
 We make every description of Small Counter and Window Display Rack  
 358 5th AVENUE NEW YORK CITY

**ESTES E. B. & SONS** (Book, Poker Chip, Communion Cup, Test Tube, Pen, Pew Book, Tooth Brush, etc), 358 5th av, New York  
*See adv index at end of book*

### Radiator Bronze

See Bronze Powders

### 12097—Radiator Dust Catchers

Hawkins Rollyn, Indianapolis, Ind.

### Radiator Guards (Wire)

See Radiator Shields

### Radiator Screens

See Radiator Shields

### 12098—Radiator Shields

Acme Fancy Wire Works (Also Guards), Detroit, Mich.  
 America Heating & Supply Co., Rockford, Ill.  
 Buffalo Wire Works Co. (Also Guards), 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*  
**DAHLSTROM METALLIC DOOR CO.**, (Special), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*  
 Decatur Cornice & Roofing Co. ("Perfect"), Decatur, Ill.  
 Estey Wire Works Co. (Also Guards), 34 Cliff, New York  
 Foster Sheet Metal Co., Springfield, Ill.  
 Haines Co., 1933 W Lake, Chicago, Ill.  
 Hawkins Rollyn, Indianapolis, Ind.  
 Howard & Morse (Also Guards), 46 Fulton, New York  
 Johnson W. H. & Son Co. ("Acme"), Indianapolis, Ind.  
 Kirk & Blum, York & Western av, Cincinnati, O.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Meyers Fred J. Mfg. Co. (Also Guards), Hamilton, O. *See adv index at end of book*  
 Monash-Younger Co. ("Dixon" & "Monash"), 1407 W Jackson blvd, Chicago, Ill.  
 Prentice L. H. Co., 330 Sherman, Chicago, Ill.  
 Prox Frank Co., Terra Haute, Ind.  
 Rutherford J. & Son ("Star"), Akron, O.  
 St. John & Barquist Co., Des Moines, Ia.  
 Sodemann Heat & Power Co. ("Shapco"), 1512 Clark av, St. Louis, Mo.  
 Standard-Tyler Co. (Ornamental Screens), 2436 W 15th, Chicago, Ill.  
 Thomas & Armstrong Co., Dayton, O.  
 Tuttle & Bailey Mfg. Co. (Ornamental Cast Iron or Bronze), 52 Vanderbilt av, New York  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 12099—Radiator Union Nipple Clutch

Simmons Jno. Co. ("Benton" for Radiator Valves), 110 Centre, New York

### Radiators (Automobile)

See Radiators, Water Cooling

### 12100—Radiators (Electric)

American Electrical Heater Co. (Luminous & Non-Luminous), Detroit, Mich.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.** (Luminous), Schenectady, N. Y.  
*See adv index at end of book*  
 Landers Frary & Clark, New Britain, Conn.  
 Lee Electric Radiator Co., 7031 Stewart av, Chicago, Ill.  
 Prometheus Electric Co. (Air Heaters), 511 W 42d, New York  
 Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.  
 Thermo Mfg. Co. (Air Heaters), Cleveland, O.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### Radiators (Electric Car)

See Heaters, Electric Car

### 12101—Radiators (Gas)

Adler H. Co. ("Acme"), Carnegie, Pa.  
 American Beauty Stove Co. ("American Beauty"), Erie, Pa.  
 American Stove Co. ("Reliable," "Clark," "Quick Meal," "Dangler," "National," "Standard"), St. Louis, Mo.  
 Century Mfg. Co., 453 Canal, New York  
 Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.  
**Claw J. B. & Sons** (Combination Gas & Steam), 544 S Franklin, Chicago, Ill.  
 Crane Wm. M. ("Vulcan"), 16 W 32d, New York  
 Dangler Stove Co. (Branch), 5017 Perkins av, Cleveland, O.  
 Detroit Heating & Lighting Co., Detroit, Mich.  
 Erie Stove & Mfg. Co. ("Erie"), Erie, Pa.  
**Franklin Co. (Gas Steam)**, Canton, O.  
 Hugo Mfg. Co., Duluth, Minn.

Mead Gas Heater Co. (Gas & Steam), Delawanna, N. J.  
 Rector Gas Lamp Co., 1777 B'way, New York  
 Reliable Stove Co. ("Reliable"), Cleveland, O.  
**Scientific Heater Co., Whitney Power blk**, Cleveland, O.  
 Southard-Robertson Co. ("Magnetic"), Peekskill, N. Y.  
 Union Stove Works ("Grand"), 70 Beekman, New York  
 Watt Robt. Mfg. Co. ("Watt" Gas & Steam), 1701 N 20th, Phila., Pa.  
 Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

### 12102—Radiators (Hot Water & Steam)

**AMERICAN RADIATOR CO.**, ("American," "Peerless," "Rococo"), 820 S Michigan av, Chicago, Ill.  
**Atlantic Radiator Co., Huntington, Pa.**  
 Buckingham Routh Co. ("Gold" Sheet Iron), New Haven, Conn.  
 Case W. A. & Sons Mfg. Co. ("Matchless"), Buffalo, N. Y.  
 Central Radiator Co., Lansdale, Pa.  
 Dennison Fry & Mach. Co., Dennison, O.  
 Federal Radiator Co., New Castle, Pa.  
 Fowler & Wolfe Mfg. Co. ("Wall Radiators"), Phila. Bourse, Phila., Pa.  
**Franklin Co., (Automatically Controlled Steam)** Canton, Ohio  
 Gibson Iron Works ("Exeter"), Gibson City, Ill.  
 Gurney Heater Mfg. Co. ("Narrow," "Duet," Gurney" & "Tremont"), 188 Franklin, Boston, Mass.  
**Hudson Boiler Mfg. Co., 359 W 42d, New York**  
 International Heater Co. (Dealers), Utica, N. Y.  
 Iowa Radiator Co., Cedar Rapids, Ia.  
 Kewanee Boiler Co., Kewanee, Ill.  
 Logansport Radiator & Equipment Co. ("Logan"), Logansport, Ind.  
 McLain J. H. Co., Canton, O.  
 Mackay Mfg. Co. ("Knickerbocker"), 234 Water, New York  
**Monitor Bi-Loop Radiator Co., ("Bi-Loop"), Lancaster, Pa.**  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 National Radiator Co. ("Novus," "Solus," "Bedford," "Somerset"), Johnstown, Pa.  
 National Tube Co. (Staggered Tube, Circular, Coil, etc), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 New York Radiator Co., Utica, N. Y.  
 Page Wm. H. Boiler Co., 141 W 36th, New York  
**PIERCE, BUTLER & PIERCE MFG. CO.** ("Pierce"), 437 E 162d, New York  
**Pressed Metal Radiator Co. ("Presto"** Pressed Steel), Pittsburgh, Pa.  
 Prox Frank Co., Terra Haute, Ind.  
 Richmond Radiator Co. ("Richmond" Direct & Indirect & Wall), 1480 B'way, New York  
 Shirley Radiator & Foundry Co., Indianapolis, Ind.  
**SMITH H. B. CO.** ("Princess," "Smith," "Hot Blast," "Imperial," "Sovereign," "Gold Pin," "School Pin," "Aerial"), Westfield, Mass.  
 South Park Foundry & Machine Co. ("Bon Ton" & "Rising Sun"), St. Paul, Minn.  
 Union Radiator Co. ("Concord"), Johnstown, Pa.  
 U. S. Radiator Corp. ("Puritan," "Florentine," "Sun," "Triton"), B'way & Grand River, Detroit, Mich.  
 Utica Heater Co., Utica, N. Y.  
 Williamsport Radiator Co. ("Norka"), Williamsport, Pa.

### 12103—Radiators (Stove Pipe)

Cole Mfg. Co., 3218 S Western av, Chicago, Ill.  
 Excelsior Stove & Mfg. Co. (Heating), Quincy, Ill.  
 Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.  
 Independent Register & Mfg. Co., Cleveland, O.  
 Rochester Radiator Co., 268 State, Rochester, N. Y.

### 12104—Radiators (Water Cooling)

American Pressweld Radiator Corp., Euclid, Detroit, Mich.  
 Auto Fender & Radiator Wks., 466 Golden Gate av., San Francisco, Cal.



Auto Lamp & Radiator Co., Cleveland, O.  
A. Z. Co., 527 W 56th, New York  
Bliss-Chester Co., 31 Mathewson, Providence, R. I.  
Borbein Auto Co., 2109 N 9th, St. Louis, Mo.  
Briscoe Mfg. Co., Detroit, Mich.  
Champion Mfg. Co., 552 Golden Gate av, San Francisco, Cal.  
Corcoran Mfg. Co., Winton pl, Cincinnati, O.  
Detroit Auto Specialty Co. ("Honeycomb"), 909 Greenwood av, Detroit, Mich.  
English & Mersick Co., New Haven, Conn.  
Fedders Mfg. Co. ("Honeycomb"), Buffalo, N. Y.  
Harrison Mfg. Co., Lockport, N. Y.  
Hayes Mfg. Co., Detroit, Mich.  
Hussey Drop Forge Mfg. Co., Cleveland, O.  
Jamestown Car Parts Mfg. Co. ("Jamestown"), Jamestown, N. Y.  
Kells W. J. Mfg. Co., 521 W 45th, New York  
Kurtzner Radiator Co., 7512 Carnegie av, Cleveland, O.  
Long Mfg. Co., Cameron av & E Gd. Blvd, Detroit, Mich.  
Mayo Radiator Co., New Haven, Conn.  
Nathan Novelty Mfg. Co. (For Fords), 84 Reade, New York  
**NATIONAL CAN CO., Detroit, Mich.**  
Rands Mfg. Co., Detroit, Mich.  
Rome-Turney Radiator Co., Rome, N. Y.  
Springfield Body Co., Springfield, Mass.  
Syracuse Automobile Radiator Co., Syracuse, N. Y.  
Terwedo Mfg. Co., Oshkosh, Wis.  
Transue & William Steel Forging Co. (Pressed Steel, Auto), Alliance, O.  
Unitube Auto Radiator Co. ("Unitube"), Rochester, N. Y.  
Western Radiator & Fender Mfg. Co., 1430 Bush, San Francisco, Cal.

**12105—Radium Importers**

Elmer & Amend, 205 3d av, New York  
Fuerst Bros. & Co., 2 Stone, New York

**12105a—Radius Planer Attachments**

Underwood H. B. & Co., 1023 Hamilton, Phila., Pa.

**12106—Raffia Grass Importers**

Jacob Chas. W. & Allison, 18 Cedar, New York

**Rags (Wiping)**

See Wipers, Machine

**Rail Bond Testers**

See Instruments, Electrical Testing & Measuring

**12107—Rail Bonds**

**AMERICAN STEEL & WIRE CO.** ("United States" & "Crown" Solid Flexible Copper, Tubular Terminal, Multi-Terminal, Twin Terminal, Triple Terminal, Quadruple Terminal, Soldered), 208 S La Salle, Chicago, Ill.

See adv index at end of book

Electric Railway Improvement Co. (Copper, Electrically Welded & Electrically Braided), Cleveland, O.

Electric Service Supplies Co. ("Protected"), 17th & Cambria, Phila., Pa.  
**GENERAL ELECTRIC CO., Schenectady, N. Y.** See adv index at end of book  
Goldschmidt Thermit Co. ("Thermit," Welded), 120 B'way, New York  
Holden & White, Fisher bldg, Chicago, Ill.  
Jamison Rail Bond & Electrical Supply Co. ("J. A. J."), Jenkins Arcade, Pittsburgh, Pa.  
Lincoln Bonding Co., 636 Huron rd, Cleveland, O.  
Lord Mfg. Co. ("Thomas" Laminated Soldered), 105 W 40th, New York  
Ohio Brass Co. ("O.-B."), Mansfield, O.  
Protected Rail Bond Co., 17th & Cambria, Phila., Pa.  
Union Electric Co. ("Union"), 31 Terminal way, Pittsburgh, Pa.

**12108—Rail Joints**

Atlas Railway Supply Co. ("Atlas," for Tee or Girder Rails), 431 S Dearborn, Chicago, Ill.  
Bethlehem Steel Co., S. Bethlehem, Pa.  
Cambria Steel Co., Widener bldg., Philadelphia, Pa.  
Carnegie Steel Co. ("Duquesne", "Brad-dock"), Carnegie bldg, Pittsburgh, Pa.  
Colorado Fuel & Iron Co., Denver, Colo.  
Elyria Iron & Steel Co. ("Manhattan" "Compromise or Step"), Cleveland, O.  
Goldschmidt Thermit Co. ("Thermit"), 120 B'way, New York  
Heil Company (Cast Welded), 1375 26th av, Milwaukee, Wis.  
Illinois Steel Co., 208 S La Salle, Chicago, Ill.  
Industrial Supply & Equipment Co. ("Manhattan," Rolled Steel Standard Joint), 407 Sansom, Phila., Pa.  
Lackawanna Steel Co., Buffalo, N. Y.  
Rail Joint Co. (Continuous "Weber" & "Walhaupter"), 61 B'way, New York  
Rail Joint Co., Penn bldg., Philadelphia, Pa.  
Railroad Supply Co. (Fibre Insulation), 203 S Dearborn, Chicago, Ill.  
Ramapo Iron Works, Hilburn, N. Y., & Niagara Falls, N. Y.  
Reading Specialties Co. (Compromise), Reading, Pa.  
Reinforced Rail Joint Co. ("Roach" Reinforced), Syndicate Trust bldg, St. Louis, Mo.  
Standard Coupler Co., 30 Church, New York  
Wilmington Malleable Iron Works of Eastern Malleable Iron Co., Wilmington, Del.

**12109—Rail Joints (Continuous)**

Rail Joint Co. ("Weber" & "Walhaupter"), 61 B'way, New York

**12110—Rail Mills (Iron & Steel)**

(This List Contains Only the Mills that Roll Rails; see also Rails, Steel)  
American McKenna Process Co. ("McKenna" Process Renewed Steel Rails), 508 Colby-Abbot, Milwaukee, Wis.  
Bethlehem Steel Co. (Standard Sections, Open Hearth, Open Hearth Nickel Steel & Nickel Chrome Steel Rails), South Bethlehem, Pa.

Buckeye Rolling Mill Co. (Light Rails, 12-16-20-25-30-35 & 40 lbs.), Steubenville, O. Mills: Newark, O.  
Calumet Steel Co. (Light Bessemer Steel Rails, 8 to 20 lbs.), 208 S La Salle, Chicago & Chicago Heights, Ill.  
Cambria Steel Co. (Bessemer & Open Hearth Steel T Rails, 8 to 100 lbs.), Widener bldg, Phila., Pa.  
Carnegie Steel Co. (Bessemer Standard Sections of Steel Rails, 50 lbs. & Heavier & Light Sections under 50 lbs.), Carnegie bldg, Pittsburgh, Pa.  
Colorado Fuel & Iron Co. (Standard Sections of Bessemer & Open Hearth Steel Rails & Light Mine Rails), Denver, Colo.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Illinois Steel Co. (Bessemer & Open Hearth Standard Sections 50 to 100 lbs., Bessemer Light Rails 8 to 45 lbs.), 208 S La Salle, Chicago, Ill.  
Interstate Iron & Steel Co. (Light Bessemer Steel Rails), 1st Nat. Bank bldg., Chicago, Ill. See adv index at end of book  
Judson Mfg. Co. (Light Iron Rails), 819 Folsom, San Francisco, Cal.  
Knoxville Iron Co. (Light Iron T Rails, 12 to 30 lbs.; also Street Rails), Knoxville, Tenn.  
Lackawanna Steel Co., Bessemer & Open Hearth Standard Sections of Steel Rails; also Light Steel Rails, 12 to 65 lbs., Buffalo, N. Y.  
Lorain Steel Co. (Girder & High Tee), Johnstown, Pa.  
Mesta Machine Co., Pittsburgh, Pa. See adv index at end of book  
Rail Joint Co. (Tram Rails), 61 B'way, New York  
Sweets Steel Co. (Light Steel 12 to 60 lbs.), Williamsport, Pa.  
Tennessee Coal Iron & Railroad Co. (Standard Sections of open Hearth, Rails & Light Rails), Birmingham, Ala.  
United States Rail Co. (Renewed Steel Rails 8 to 40 lbs.), Cumberland, Md.  
West Virginia Rail Co. (Steel Rails, 16 to 30 lbs.), Huntington, W. Va.

**Railings (Altar)**

See Brass Altar Rails & Pulpits

**Railings (Brass)**

See Bank & Office Railings

**12111—Railings (Iron, Brass & Bronze Pipe)**

Beckley Perforating Co. (Iron Only), Garwood, N. J.  
Beere Geo. W. (Iron), 294 Taaffe pl, Brooklyn, N. Y.  
Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. See adv index at end of book  
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.  
Cincinnati Mfg. Co., Cincinnati, O. See adv index at end of book  
**COLUMBUS BRASS CO.** (Brass & Bronze) 538 Dublin av, Columbus, O. See adv index at end of book

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*See adv index at end of book*

**Heath-Johnson Co.**, 300 W Ontario, Chicago, Ill.  
*See adv index at end of book*

**Imperial Brass Mfg. Co.**, 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*

**Lasar Ornamental Iron Co.**, 16th & O'Fallon, St. Louis, Mo.

**McKenna Bros. Brass Co.**, Brass & Bronze only, 1st av & Ross, Pittsburgh, Pa.

**Mesker Bros. Iron Co.**, 421 S 6th, St. Louis, Mo.

**NEWMAN MFG. CO.**, 707 Sycamore, Cincinnati O.; 68 W Washington, Chicago, Ill.  
*See adv index at end of book*

**Pipe Railing Construction Co.**, 79 6th, Long Island City, N. Y.

**Republic Structural Iron Works Co.** (Iron), E 53d & Lakeside av, Cleveland, O.

**Simmons John Co.** (Iron Pipe of All Kinds), 110 Centre, New York

**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

**Southwest Wire & Iron Works Co.**, Kansas City, Mo.

**Standard-Tyler Co.**, 2436 W 15th, Chicago, Ill.

**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

**Voltz Mfg. Co.**, 914 Penn., St. Joseph, Mo.

**WRIGHT WIRE CO.** (& Fixtures), Worcester, Mass.  
*See adv index at end of book*

### 12112—\*Railings (Tool Room)

**Buffalo Wire Works Co.**, 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*

**Cincinnati Mfg. Co.**, Cincinnati, O.  
*See adv index at end of book*

**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 12113— Railings (Vault)

**Buffalo Wire Works Co.** (Bronze) 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*

**Smith F. P. Wire & Iron Works**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

**Standard-Tyler Co.** (Bronze), 2436 W 15th, Chicago, Ill.

**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 12114— Railroad Curves

**Keuffel & Esser**, Hoboken, N. J.

**Wharton Wm. Jr. & Co., Inc.**, Easton, Pa.

### 12114a—\*Railroad Equipment (For Narrow Gauge)

**LIGHT RAILWAY EQUIPMENT CO.**, 526 Commercial Trust bldg., Phila., Pa.

### 12115—Railroad Equipments (Second Hand)

**Apex Equipment Co.**, 63 Wall, New York

**Baldwin Equipment & Supply Co.** (Locomotives, etc.), Fisher bldg, Chicago, Ill.

**Birmingham Rail & Locomotive Co.** (Locomotives, Relaying Rails, Frogs, Switches, etc), Birmingham, Ala.

**Central Locomotive & Car Works** (Locomotives, Cars, etc), Fisher bldg, Chicago, Ill.

**Coates, Bennett & Reidenbach** (Relaying Rails, etc.), Rochester, N. Y.

**Conard Thos. P.**, 2 S 15th, Phila., Pa.

**Cox Justice Jr. & Co.** (Cars, Locomotives, Relaying Rails, etc), Land Title bldg, Phila., Pa.

**Dallett & Co.**, Harrison bldg, Phila., Pa.

**Dana & Co.**, 111 Broadway, New York

**Duluth Iron & Metal Co.**, Duluth, Minn.

**Fitz Hugh-Luther Co.** (New & Second-Hand Locomotives, Cars, etc), Monadnock blk., Chicago, Ill.

**Foster H. M. Co.** (Relaying Rails), Continental bldg, Baltimore, Md.

**Foster L. B. Co.** (Steel & Relaying Rails), Park bldg, Pittsburgh, Pa.

**Frank M. K.** (Relaying Rails, etc), Frick bldg, Pittsburgh, Pa.

**General Equipment Co.** (Locomotives, Cars, Relaying Rails, etc), 30 Church, New York

**Gerson I. & Son**, Toledo, O.

**Green L. A.** First Nat'l Bk. bldg, Pittsburgh, Pa.

**Green L. A. Equipment Co.** (New & Relaying Rails, Frogs, Switches, etc), Oliver bldg, Pittsburgh, Pa.

**Greenspon's Jos. Sons Iron & Steel Co.** (Relaying Rails, etc), B'way & Branch, St. Louis, Mo.

**Hirsch Cal. & Sons Iron & Rail Co.** (Relaying Rails & Track Materials), 300 S B'way, St. Louis, Mo.

**Hofius Steel & Equip. Co.**, Seattle, Wash.

**Hyman-Michaels Co.** (Relaying Rails), People's Gas bldg, Chicago, Ill.

**Inter-State Car Co.** (Freight Cars Only), Indianapolis, Ind.

**Jones J. B. & Co.** (Relaying Rails), 718 Lacock, Pittsburgh, Pa.

**Joseph Isaac Iron Co.**, 525 Hunt, Cincinnati, O.

**Joseph, Joseph & Bro. Co.**, Cincinnati, O.

**Kilby Car & Foundry Co.**, Anniston, Ala.

**Levis Henry & Co.** (Relaying Rails, etc), 26 S 15th, Phila., Pa.

**MacCleary J. H.** (Locomotives, Cars, etc), Suffolk, Va.

**Males Co.** (Locomotives, Cars, Rails, Steam Shovels, etc.), 2226 Fulton av, Cincinnati, O., & 26 Cortlandt, New York

**Merchants Steel & Supply Co.** (Relaying Rails, etc), 208 S La Salle, Chicago, Ill.

**Miller Supply Co.**, Huntington, W. Va.

**Mitshun M. Co.**, Detroit, Mich.

**Newhall Geo. M. Engineering Co.** (Relaying Rails, etc.), Commercial Trust bldg, Philadelphia, Pa.

**Ohio Iron & Metal Co.**, 38 S Dearborn, Chicago, Ill.

**Penna. Eqp. Co.**, Coleman bldg, Phila., Pa.

**Railway Supply & Mfg. Co.**, Cincinnati, O.

**Richardson & Co.** (Relaying Rails, etc), Bessemer bldg, Pittsburgh, Pa.

**Sabel Bros.** (Relaying Rails), Jacksonville, Fla.

**Shook & Fletcher Supply Co.** (Relaying Rails), Birmingham, Ala.

**Smith Thos. & Son** (Relaying Rails), 410 3d av, Brooklyn, N. Y.

**Southern Iron & Equipment Co.** (Locomotives, Rails, etc.), Atlanta, Ga.

**Standard Railway Equipment Co.**, 20 W Jackson blvd, Chicago, Ill.

**Steel Rail Supply Co.** (Relaying & Scrap Rails, Spikes, etc), 2 Rector, New York

**Tillery J. F. Iron Co.**, Knoxville, Tenn.

**Union Iron Works Co.**, Selma, Ala.

**Universal Railway Supply Co.** (Relaying Rails, etc), 122 S Michigan av, Chicago, Ill.

**Warner P. B.**, Sedamsville, Culloms Station, Cincinnati, O.

**Watson John B. Co.** (Locomotives, Cars, etc), Witherspoon bldg, Philadelphia, Pa.

**Wilson E. H. & Co.** (Locomotives, Coaches, Rails, etc), Commercial Trust bldg, Phila., Pa.

**Zelnicker Walter A. Supply Co.** (Rails, Locomotives, Rolling Stock, etc), 325 Locust, St. Louis, Mo.

### 12116—\*Railroad Portable Lights

**MILBURN A. ALEXANDER CO.** ("Milburn" Self-Contained, Acetylene), 1420 W Baltimore, Baltimore, Md.

*See adv index at end of book*

### 12117—Railroad Stationery, Blanks, Manifests, Etc.

*See also Paper, Railroad, Manila & Writing*

**Allen Lane & Scott** (Printers), 1211 Clover, Phila., Pa.

**Anchor Paper Co.** (Copying Paper), Windsor Locks, Conn.

**Armstrong H. J. & Co.**, 538 S Clark, Chicago, Ill.

**Autographic Register Co.** ("Shoups" Manifold Books), Hoboken, N. J.

**Baker-Vawter Co.** (Manifold Shipping Banks), 208 S Clark, Chicago, Ill.

**Barlow Bros.** (Manifold Shipping Blanks), Grand Rapids, Mich.

**Boorum & Pease Co.** (Manifold Books), 109 Leonard, New York

**Brown Martin B. Printing & Binding Co.** (Railroad Printing, etc), 39 Chambers, New York

**Dexter C. H. & Sons**, Windsor Locks, Conn.

**Diamond Mills Paper Co.** (Manifests & Copying Papers), 44 Murray, New York



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 Hamilton Autographic Register Co. (Manifold Shipping Blanks), Hamilton, O.  
 Hampden Glazed Paper & Card Co. (Railroad Blanks), Holyoke, Mass.  
 Holyoke Card & Paper Co. (Railroad Blanks), Springfield, Mass.  
 Johnston Wm. G. Co. (Manifolds, Bills of Lading, Blanks, etc.), 429 Wood, Pittsburgh, Pa.  
 Mann Wm. Co. (Copying Paper, etc.), 105 Chambers, New York  
 Monarch Manifold Book Co., West & Hubert, New York  
 N. Y. Blank Book Co., 316 Hudson, New York  
 Rogers Manifold & Carbon Paper Co. (Manifold Books & Carbon Paper), 33 Sullivan, New York  
 Union Mills Paper Mfg. Co. (Copying Paper), New Hope, Pa.  
 Ward John & Son, 115 Cedar, New York  
 Whitmore Mfg. Co. (Railroad Blanks), Holyoke, Mass.  
 Whittelsey Frank H. Co. (Railroad Manifest Impression Paper, Train Order Blanks, etc.), Windsor Locks, Conn.

### Railroad Supplies

See Specific Article Wanted; also Rail Mills, Iron & Steel; also Hardware, Wholesale; also Mill & Factory Supplies; also Iron & Steel Manufacturers of Various Kinds; also Machinery Manufacturers of Various Kinds  
 For All Other Railroad Specialties, etc., see Index of Contents

### Railroad Ties

See Ties, Poles & Posts

### Railroad Velocipedes

See Cars, Velocipede

### Rails (Automobile)

See Rails, Coat, Robe, etc.

### 12118— Rails (Barn Door)

Allith-Prouty Co., Danville, Ill.  
 Aurora Door Hanger & Specialty Co., Aurora, Ill.  
 Brewer Bros. Co., (Wrought), 614 Filbert, Phila., Pa.  
 Cambria Steel Co., Widener bldg., Phila., Pa.  
 Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 Hunt, Helm, Ferris & Co. ("Harvard" Steel), Harvard, Ill.  
 Lawrence Bros., Sterling, Ill.  
 MYERS F. E. & BRO. ("Myers, O. K.," "New Way," "Giant," "Hercules," "Faultless"), 800 Orange, Ashland, O.  
 See adv index at end of book  
 National Mfg. Co., Sterling, Ill.  
 Reading Hardware Co., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Stowell Co., The (Parlor Door & Hay Carrier), South Milwaukee, Wis.

### 12119— Rails (Carriage, Etc.)

Searls Mfg. Co., 23 Mulberry, Newark, N. J.

### 12120— Rails (Coat, Robe, Etc.)

Attwood Brass Works, Grand Rapids, Mich.  
 Gemco Mfg. Co. ("Gemco" Robe, Foot, etc.), Milwaukee, Wis.  
 Highton Wm. & Sons Co. (Robe, etc.), Nashua, N. H.  
 Medina Stamping & Machine Co. ("Medina" Foot Robe, Folding Robe, etc.), Medina, N. Y.  
 Novelty Mfg. Co. (Robe, Foot, Coat), Waterbury, Conn.

### 12121— Rails (Door)

Aurora Door Hanger & Specialty Co., Aurora, Ill.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Imperial Brass Mfg. Co. (Bronze), 524 S Racine av, Chicago, Ill.  
 See adv index at end of book

Newman Mfg. Co. (Guard Rails), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.

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Peters Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.  
 Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn.

Reading Hardware Co., Reading, Pa.  
 Richards-Wilcox Mfg. Co., Aurora, Ill.  
 Rome Brass & Copper Co. (Brass), Rome, N. Y.

STANLEY WORKS (Wrought Steel), New Britain, Conn.

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Stowell Co., The (Steel), South Milwaukee, Wis.

Waterbury Brass Goods Corp'n, Waterbury, Conn.

### 12122— Rails (Girder & High Tee)

See also Rail Mills, Iron & Steel

Cleveland Frog & Crossing Co., Cleveland, Ohio

Lorain Steel Co., Johnstown, Pa.

### 12123— Rails (Guard)

Cambria Steel Co. ("Morrison"), Widener bldg., Phila., Pa.

Cincinnati Frog & Switch Co., Cincinnati, Ohio

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Cleveland Frog & Crossing Co., Cleveland, Ohio

Columbus Brass Co., 538 Dublin av, Columbus, O.

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Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.

See adv index at end of book

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.

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Wharton Wm. Jr. & Co., Inc. (Standard & "Tisco" Manganese Steel), Easton, Pa.

### 12124-5— Rails (Hand & Foot)

American Bridge Co., 30 Church, New York

Bigelow Cheney Wire Works, Springfield, Mass.

Braun J. G., 609 S Paulina, Chicago, Ill.

DAHLSTROM METALLIC DOOR CO. (Bridge Hand Rails), 35 Blackstone av, Jamestown, N. Y.

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Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.

Imperial Brass Mfg. Co. (Automobile Foot & Robe Rails), 524 S Racine av, Chicago, Ill.

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Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.

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Plocher Andrew Sons Co. (Brass), Dayton, O.

Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

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Star Brass Works Co. (Automobile & Robe), Kansas City, Mo.

Van Doorn Co., Quincy, Ill.

Western Brass Mfg. Works (Brass & Bronze), Marshall blvd & W 21st, Chicago, Ill.

### Rails (Light)

See Rail Mills, Iron & Steel; also Rails, Steel

### 12126— Rails (Manganese Steel)

Manganese Steel Rail Co., 30 Church, New York

Wharton Wm. Jr. & Co., Inc. (Cast "Tisco"), Easton, Pa.

### Rails (Relaying)

See Railroad Equipments, Second Hand

### 12127— Rails (Sliding Door)

Automatic Door Rail Co., Hillsdale, Mich.

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.

Myers F. E. & Bro. (Myers) 800 Orange, Ashland, O.

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Penn Hardware Co., Reading, Pa.

Reading Hardware Co., Reading, Pa.

### 12128— Rails (Steel)

For Mills that Manufacture Steel Rails, see Rail Mills, Iron & Steel

American Steel Co. (8 to 45 lbs.), Park bldg., Pittsburgh, Pa.

Dunning Carl Equipment Co., United bldg., Indianapolis, Ind.

EASTON CAR & CONSTRUCTION CO., 4th st., Easton, Pa.

Hunt C. W. Co. (Industrial), West New Brighton, N. Y.

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**ORENSTEIN-ARTHUR KOPPEL CO.**

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Youngstown Steel Car Co., Youngstown, Ohio

### Rails (Steel Renewed)

See Rail Mills, Iron & Steel, with the Word Renewed Following their Names

### Rails (Tram)

See Rail Mills, Iron & Steel

### 12128a—\*Railway Car Upholstery Materials

DU PONT FABRIK-D CO. (Leather Type), Wilmington, Del.

For branch offices see adv index at end of book

### 12129— Railway Supplies (Electric)

See also Trolley Line Materials; also Electrical Supplies

Anderson Albert & J. M. Mfg. Co., 289 A, South Boston, Mass.

Barbour Stockwell Co., Cambridge, Mass.

Bissell F. Co., Toledo, O.

Brach L. S. Supply Co., 143 Liberty, New York

Brown Harold P. ("Edison-Brown" Plastic Rail Bond), 120 Liberty, New York

Burnet Co., 69 South, New York

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

Columbus Mill & Mine Supply Co., 75 N. Front, Columbus, O.

Commercial Electrical Supply Co., Pine & 15th, St. Louis, Mo.

Creaghead Engineering Co., 340 Main, Cincinnati, O.

Dallett & Co. (Cars, Motors & Equipments), Harrison bldg., Phila., Pa.

Dayton Mfg. Co., Dayton, O.

Eccles & Smith Co., 71 1st, Portland, Ore., & San Francisco, Cal.

Electric Railway & Mfrs. Supply Co., 88 2nd, San Francisco, Cal.

Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.

Fitts F. E. Mfg. & Supply Co., 88 Purchase, Boston, Mass.

Fox Bros. & Co., 126 Lafayette, New York

Garton W. R. Co., 17 S Desplaines, Chicago, Ill.

GENERAL ELECTRIC CO., Schenectady, N. Y.

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Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.

Johns H. W.-Manville Co., Madison av & 41st, New York

Jones Jas. Co., Los Angeles, Cal.

Long E. G. Co., 50 Church, New York

Miller Trolley Shoe Co. (Trolley Shoe), 15 Elkins, Boston, Mass.

Morris Iron & Steel Co., Frederick, Md.

Moss & Satterlee, Kansas City, Mo.

Nagel W. G. Electric Co., Toledo, O.

NUTTALL R. D. CO. (Trolley Bases, Harps, Wheels, Gears, Pinions, etc.), McCandless & Harrison av, Pittsburgh, Pa.

See adv index at end of book

Ohio Brass Co., Mansfield, O.

Post-Glover Electric Co., 314 W 4th, Cincinnati, O.

Ridlon Frank Co. (Of Every Description), 261 Franklin, Boston, Mass.

Roberts H. C. Electric Supply Co., 905 Arch, Phila., Pa.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Sherburne & Co., 53 Oliver, Boston, Mass.

Somers Fittler & Todd Co., 325 Water, Pittsburgh, Pa.

Southern Electric Co., 16 Light, Baltimore, Md.



Stuart-Howland Co., 234 Congress, Boston, Mass.  
 Tractions Materials Co. (Cars), Trucks, Motors, Gears, Axles, Springs, Wheels, etc.), 501 5th av, New York  
 Union Electric Co., 31 Terminal-Way, Pittsburgh, Pa.  
 U. S. Metal & Mfg. Co., 165 B'way, New York  
 Watson John B. Co., Witherspoon bldg., Philadelphia, Pa.  
 Wendell & MacDuffie, 61 B'way, New York  
 Wesco Supply Co., 7th & Clark, St. Louis, Mo.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
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### 12130— Railways (Gravity)

Hunt C. W. Co., West New Brighton, N. Y.  
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### 12130a— Railways (Incline)

*See Stairways, Moving*

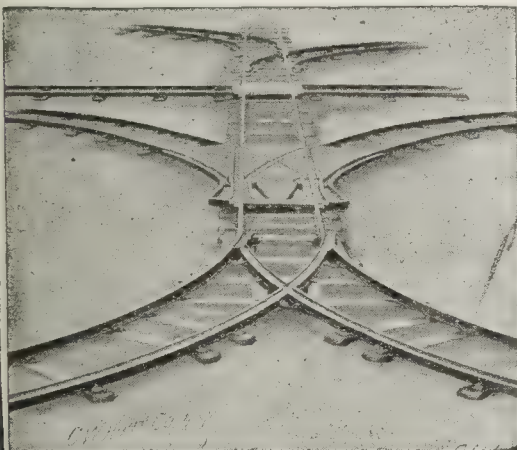
**OTIS ELEVATOR CO.** (Passenger, Commercial & Traffic), 26th & 11th av, New York *See adv index at end of book*

### 12131—Railways (Industrial & Portable)

Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
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 Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.



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*See adv. index & branch offices end of book*

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*See adv index at end of book*

Indianapolis Switch & Frog Co., Springfield, O.

Insley Mfg. Co., 3500 E St. Clair, Indianapolis, Ind. *See adv index at end of book*

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.  
**LINK-BELT COMPANY** (Industrial), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.  
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 Mead-Morrison Mfg. Co., Cor. Prescott & Orleans, East Boston, Mass.

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 Russell Wheel Co., Detroit, Mich.

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 Treadwell M. H. Co., 140 Cedar, New York  
 Treadwell M. H. Co. of Ill. ("Tread-Kill"), 208 S La Salle, Chicago, Ill.

**TURL IRON & CAR CO., INC., THE**, 50 Broad, New York. Works: Newburgh, N. Y.

Union Iron Works, Hoboken, N. J.  
 Wharton Wm. Jr. & Co., (Inc.), Easton, Pa.

Whiting Foundry Equipment Co., Harvey, Ill.

**WONHAM, BATES & GOODE, INC.**, 17 Battery pl New York  
 Youngstown Steel Car Co., Youngstown, Ohio

### Railways (Logging)

*See Railways, Industrial & Portable*

### Railways (Marine)

*See Dry Docks & Marine Railways*

### Railways (Miniature)

*See Locomotive & Railways, Miniature*

### 12131a—\*Railways (Portable)

**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.

### Railways (Scenic)

*See Locomotives & Railways, Miniature*

### Raincoats (Rubber)

*See Mackintoshes*

### 12132—Raisers (Carriage Top)

Murray P. A. & Co. ("Murray"), Newton, Mass.

### 12133—Rakes (Asphalt or Tar)

American Fork & Hoe Co. (Steel), Cleveland, Ohio

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.

Union Fork & Hoe Co., Columbus, O.

### 12134— Rakes (Bean)

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

### 12135— Rakes (Drag)

Foster & Williams Mfg. Co., Racine, Wis.  
 Marston Rake Co., Lebanon, N. H.

### 12136—Rakes (Garden or Lawn, Etc.)

Alexander G. E. & Son, Sunapee, N. H.  
 American Fork & Hoe Co., Cleveland, O.  
 Bartlett L. D. & Son, South Tamworth, N. H.

Ross Charles H., Liberty, R. I.  
 Brinser E. C. Sons (White Ash & Hickory), Richmond, Va.

Casement Hardware Co. (Dandelion), 9 S Clinton, Chicago, Ill.

Cheesebrough Thos. E. (Wood), Freeport, Mich.

Cronk & Carrier Mfg. Co. ("Queen City," "Jumbo," "Cronk's," "Elmira Steel Bow," "Champion," "Ideal," "Bow Ideal," "Victor" Brace Wrought Steel & Malleable Iron), Elmira, N. Y.

Derby & Ball, Bellows Falls, Vt.  
 Kohler F. E. Co. (Steel Garden Only), Canton, O.

Ney Mfg. Co. (Automatic Self-Cleaning Lawn), Canton, O.

Ney V. L. Co. ("Champion" Lawn Rakes), Canton, O.

Piqua Handle & Mfg. Co. (Malleable Iron, Garden & "Ole Olsen" Wood Lawn), P O Box 307, Piqua, O.

Potter Mfg. Co. (Ladies' Malleable Goose-Neck Steel Weeding Hoe & Rake Combined, Saloon Saw Dust or Lawn), Geneva, O.

Pratt Fork & Hoe Corp. ("Old Hickory"), Frankfort, N. Y.

Rogers Rake Co., New Hartford, Conn.

Sleeper B. R., Sunapee, N. H.  
**Standard Auger Co.** ("Standard" & "Oblique Tooth"), 57 W 34th, Chicago, Ill.

Stedman M. W., Tyringham, Mass.

Swineford G. A. Co. ("Gibbs" Auto Cleaner, "King," "Warren," "Star" Wire Automatic, etc), Canton, O.

Union Fork & Hoe Co. ("Union" Bow & Single Shank Steel, Wire Lawn, etc), Columbus, O.

Wallingford Mfg. Co., Wallingford, Vt.

### 12137— Rakes (Gas Retort)

American Fork & Hoe Co., Cleveland, O.

### 12138— Rakes (Hay, Hand)

McIntyre C. F., Maine, N. Y.

Rogers Rake Co., New Hartford, Conn.

Rugg Mfg. Co. (Also Drag), Greenfield, Mass.

Stedman M. W., Tyringham, Mass.  
 Swineford G. A. Co., Canton, O.

### 12139—Rakes (Hay Revolving)

Herschel R. Mfg. Co., Peoria, Ill.

Hughes & Smythe, Galena, O.

Ohio Rake Co. ("Bob White," "Bulls Head"), Dayton, O.

Wayne Works, Richmond, Ind.

### 12140—Rakes (Hay, Side Delivery)

Acme Harvester Machine Co., Peoria, Ill.

Dain Mfg. Co., Ottumwa, Iowa

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

Hocking Valley Mfg. Co. ("Lancaster"), Lancaster, O.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)** (Key-stone-Osborne-International), 702 Harvester Bldg., Chicago, Ill.

*See adv index at end of book*

Johnston Harvester Co., Batavia, N. Y.

Moline Plow Co. ("Flying Dutchman," "Moline" Cylinder), Moline, Ill.

Ohio Rake Co. ("Dayton," Wood Frame, "Ohio," Steel Frame), Dayton, O.

Rock Island Plow Co. ("C. B. & Q. Tedder & Cylinder), Rock Island, Ill.

Sandwich Mfg. Co., Sandwich, Ill.

Sterling Mfg. Co., Sterling, Ill.

Thomas Mfg. Co. ("Thomas" Combined Rake & Tedder, & "Thomas" Cylinder Side Delivery Rake & Tedder), Springfield, O.

Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

### 12141— Rakes (Hay, Sulky)

Acme Harvester Machine Co. ("Lark"), Peoria, Ill.

Albright Jas. H. & Sons, Mifflinburg, Pa.

Allen Chas. G. Co., Barre, Mass.

Bateman Mfg. Co. ("New York Champion," "Iron Age"), Grenloch, N. J.

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.

Deere John Harvester Works, East Moline, Ill.

Deuscher H. P. Co., Hamilton, O.

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.

Fleming & Sons' Mfg. Co., Huntsville, Mo.

Gale Mfg. Co., Albion, Mich.

Hocking Valley Mfg. Co., Lancaster, O.

Howell R. R. & Co., 31st av, Minneapolis, Minn.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)** (Champion-Deering - McCormick - Milwaukee-Osborne-Plano), 702 Harvester bldg, Chicago, Ill. *See adv index at end of book*



Messinger Mfg. Co. ("Steel King" Self-Dumping), Tatamy, Pa.  
 Moline Plow Co. ("Adriance"), Moline, Ill.  
 Ohio Rake Co. ("Quail," "Steel King," "Ohio Champion," "Gazelle"), Dayton, O.  
 Richardson Mfg. Co., Worcester, Mass.  
 Shaw H. C. Co., Stockton, Cal.  
 Smith & Sons Mfg. Co. (2 & 3-Wheel Sweep), Kansas City, Mo.  
 Sterling Mfg. Co., Sterling, Ill.  
 Thomas Mfg. Co. ("Thomas," "Reliable," "Western," "Orchard," "Thomas Alfalfa"), Springfield, O.  
 Van Brunt Mfg. Co., Horicon, Wis.  
 Wiard Plow Co., Batavia, N. Y.  
 Wood W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

### 12142— Rakes (Stacker, for Threshers)

Frick Co., Waynesboro, Pa.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.

### 12143— Rakes (Stalk)

Acme Harvesting Machine Co., Peoria, Ill.  
 Peoria Drill & Seeder Co. ("Glendale"), Peoria, Ill.  
 Sheer E., Lincoln, Ill.

### 12144— Rakes (Sweep)

Acme Harvesting Machine Co. (Hay), Peoria, Ill.  
 Anderson Co., St. Paul, Minn.  
 Barley Thos. K., Sedalia, Mo.  
 Children's E. Sons Mfg. Co., Council Bluffs, Ia.  
 Clippinger A. B. & Son, Kansas City, Mo.  
 Dain Mfg. Co. (Automatic Stackers, also Side Rakes), Ottumwa, Ia.  
 Emerson-Brantingham Co. ("Emerson" Two, Three & Four Wheeled & Power Lift), Rockford, Ill.  
 Famous Mfg. Co. (Peerless Sweep, Champion Buck), East Chicago, Ind.  
 Fleming & Sons Mfg. Co., Huntsville, Mo.  
 Grand Detour Plow Co., Dixon, Ill.  
 Howell R. R. & Co. (Stacker Rake), 31st av., Minneapolis, Minn.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)** (Deering - McCormick - International), 702 Harvester bldg., Chicago, Ill.  
*See adv index at end of book*

Jackson Byron Iron Works (Sweep), Berkeley, Cal.  
 Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.  
 Kansas City Hay Press Co. (Stacker & Rake), Kansas City, Mo.  
 Loudon Machinery Co. (Rickers), Fairfield, Ia.  
 Plattner Implement Co., Denver, Colo.  
 Superior Hay Stacker Mfg. Co., Linneus, Mo.  
 Wyatt F. Mfg. Co. ("Jayhawk"), Salina, Kan.

### 12145—Rammers (Cement or Dirt)

Oshkosh Mfg. Co., Oshkosh, Wis.  
 Republic Mfg. Co., Milwaukee, Wis.

### 12146— Rammers (Foundry)

*See also Pneumatic Sand Rammers*

Barnett Oscar Fdry. Co. (Bench & Floor), Irvington, N. J.  
 Brown & Sharpe Mfg. Co. (Rubber Tipped), Providence, R. I.

**CHICAGO PNEUMATIC TOOL CO. (Air)**, Fisher bldg., Chicago, Ill.

*See adv index at end of book*

Hellenberg J. B. Co. (Moulders' Bench), Coldwater, Mich.

**INGERSOLL-RAND CO. ("Crown" Air)**, 11 B'way, New York

*See adv index at end of book*

Mumford E. H. Co., Elizabeth, N. J.

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Pollard Jos. G. (Cast Iron Ash Handle), 141 Raymond, Brooklyn, N. Y.

Prouty C. & Co., Eldred, Pa.

Sandusky Tool Co., Sandusky, O.

Stossel Carl & Co., Front Royal, Va.

### 12147-8—Rammers (Pavers')

Stortz John & Son (Stone Paving, etc), 210 Vine, Phila., Pa.

### Rammers (Sand)

*See Rammers, Foundry*

### 12149— Range Finders

Bausch & Lomb Optical Co. (For Battle Ships, Coast Defense, etc), Rochester, N. Y.

### Ranges (Acetylene)

*See Stoves, Acetylene*

### 12150— Ranges (Electric)

*See Also Stoves, Electric*

Buzzini Walter J., 505 W 21st, New York  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Hughes Electric Heating Co. ("Hughes"), 5660 W Taylor, Chicago, Ill.  
 Michigan Stove Co., Detroit, Mich.  
 Rutenber Electric Co. ("Rutenber"), Longansport, Ind.  
 Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.

### Ranges (French Cooking)

*See Cooking Apparatus*

### Ranges (Galley)

*See Stoves, Galley*

### Ranges (Gas)

*See Stoves, Heaters & Ranges, Gas*

### 12151— Ranges (Kettle)

Weaver & Co. ("Perfection"), New Oxford, Pa.

### Ranges (Portable & Stationary)

*See Stove Manufacturers; also Ranges, Steel; also Cooking Apparatus*

### 12152— Ranges (Steel)

*See also Stoves; also Cooking Apparatus*

Allen Mfg. Co. ("Princess"), Nashville, Tenn.

American Range & Foundry Co., Cleveland, O.

American Stove Co. ("Quick Meal," Coal & Wood, "Quick Comfort" & "National"), St. Louis, Mo.

Anchor Stove & Range Co., New Albany, Ind.

Art Stove Co., Detroit, Mich.

A. & J. Mfg. Co., Gadsden, Ala.

Bardes E. H. Range & Foundry Co., Cincinnati, O.

Bartlett Hayward Co. ("New Windsor," "Edgewood," "Standard," "Regal," "Improved Kitchen" Cast Iron), Scott & McHenry, Baltimore, Md.

Belleville Stove & Range Co., Belleville, Ill.

Berghofer Mitchell Co., Quincy, Ill.

Born Steel Range Co., 2163 E 9th, Cleveland, O.

Bramhall Deane Co., 261 W 36th, New York

Bridgeford & Co. (Wrought Steel), Louisville, Ky.

Burton Range Co., 317 Walnut, Cincinnati, O.

Buzzini Walter J., 505 W 21st, New York

Carmichael Range Co., 176 N Franklin, Chicago, Ill.

Chicago Stove & Range Co., 2023 S Clark, Chicago, Ill.

Clad V. & Sons, 16th & Callowhill, Phila., Pa.

Comstock-Castle Stove Co., Quincy, Ill.

Co-operative Foundry Co., Rochester, N. Y.

Copper Clad Malleable Range Co., 520 N Commercial, St. Louis, Mo.

Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York

Cribben & Sexton Co., 680 N Sacramento Blvd., Chicago, Ill.

Culter & Proctor Stove Co., Peoria, Ill.

Decker Adam Hardware Co., 347 Jackson, St. Paul, Minn.

Detroit Stove Works, Detroit, Mich.

Duparquet, Huot & Moneuse Co., 110 W 22d, New York

Eclipse Stove Co. ("Eclipse"), Mansfield, Ohio

Engman-Matthews Range Co., South Bend, Ind.

Ettinger J. M. ("Lily"), 70 W Lake, Chicago, Ill.

Excelsior Stove & Mfg. Co. (Wrought Steel), Quincy, Ill.

Faultless Iron Works ("Faultless," "Fearless" Malleable Iron), St. Charles, Ill.

Fischer Wm. G. Stove & Range Co., 328 Plum, Cincinnati, O.

Folsom C. G. Mfg. Co. ("Folsom"), South Bend, Ind.

Franke H. Steel Range Co., Cleveland, O.

Fuller & Warren Co. (Hotel), Troy, N. Y.

Galusha Stove Co. ("Norman"), Rochester, N. Y.

Germer Stove Co., Erie, Pa.

Glascok Stove & Mfg. Co. ("Carolina"), Greensboro, N. C.

Globe Stove & Range Co., Kokomo, Ind.

Gohman Bros. & Kahler Co., New Albany, Ind.

Hale & Kilburn Co. ("Cookeasy"), 1800 Lehigh av., Phila., Pa.

Hardwick Stove Co. ("Sunny South"), Cleveland, Tenn.

Haswell Steel Range & Furnace Co., Circleville, O.

Hess, Snyder Co. ("Boomer"), Massillon, O.

Home Stove Co., Indianapolis, Ind.

Hutchinson Bros., 5 S Howard, Baltimore, Md.

Ils John G. & Co., 839 Mission, San Francisco, Cal.

Imperial Steel Range Co., 2900 Detroit av., Cleveland, O.

Independent Stove Co. (Steel & Cast Iron), Owosso, Mich.

Joesting & Schilling Co., 379 Sibley, St. Paul, Minn.

Johnston-Slocum Co. ("Perfection" Fireless), Caro, Mich.

Jones & Hopkins Mfg. Co. ("Monogram"), Nashville, Tenn.

Landy Stove & Range Co., 1402 N 16th, St. Louis, Mo.

Lehigh Stove & Mfg. Co. ("Lehigh Cabinet"), Lehigh, Pa.

Lewisburg Foundry Co., Lewisburg, Tenn.

Mahoney Daniel & Sons ("McBean"), 17 Main, Buffalo, N. Y.

Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.

Malleable Steel Range Mfg. Co. South Bend, Ind.

Mason, Davis & Co. ("M. & D."), 7740 S Chicago av., Chicago, Ill.

Michigan Stove Co. ("Garland"), Detroit, Mich.

Miller W. Range & Furnace Co. (Portable), 7th & B'way, Cincinnati, O.

Mississippi Valley Stove Works, Fulton, Ill.

Monitor Stove & Range Co., C. H. & D. Ry. av., nr Gest, Cincinnati, O.

Morandi-Proctor Co., 86 Washington, Boston, Mass.

Mountain City Stove & Mfg. Co. ("Southern Queen"), Chattanooga, Tenn.

National Stove Co. (Gas for Fuel), Lorain, O.

Nye A. T. & Son Co., Marietta, O.

Orbon Stove & Range Co., Belleville, Ill.

Peninsular Stove Co., Detroit, Mich.

Perfect Stove & Mfg. Co., Belleville, Ill.

Phillips & Buttorff Mfg. Co. (Also Cast), Nashville, Tenn.

Portsmouth Stove & Range Co., Portsmouth, O.

Pueblo Brass & Iron Foundry ("Regent"), Pueblo, Colo.

Quick Action Range Co., Marshalltown, Ia.

Republic Mfg. Co., Milwaukee, Wis.

Richmond Stove Co., Richmond, Va.

Ricketts & Bartlett Range Co., 319 W Randolph, Chicago, Ill.

Roberts & Mander Stove Co. ("Quality" Combination Gas & Coal), 11th & Washington, Phila., Pa.

Rock Island Stove Co. ("Riverside"), Rock Island, Ill.

Ross Supply Co. ("Royal"), Greenville, O.

Schill Bros. Co., Crestline, O.

Schneider & Trenkamp Co., ("Reliable"), Cleveland, O.

Sexton S. B. Stove & Mfg. Co., (Also Cast Iron), 500 Block W Conway, Baltimore, Md.

Smith & Anthony Co. ("Hub"), 52 Union, Boston, Mass.

Standard Foundry & Mfg. Co., Cleveland, O.

Summit Foundry Co., Geneva, N. Y.

Taplin-Rice-Clerkin Co. ("Climax"), Akron, O.

Tenn. Stove Works ("Volunteer"), Chattanooga, Tenn.



Tinnerman Stove & Range Co. ("Ohio" Wrought Steel), 2038 Fulton rd, Cleveland, O.  
 Toledo Stove & Range Co. ("Gem"), Toledo, O.  
 Traub W. F., 912 Montrose av, Chicago, Ill.  
 Van John Range Co. (For Families, Hotels & Institutions), 5th & B'way, Cincinnati, O.  
 Vesta Gas Range & Mfg. Co. ("Vesta"), Chattanooga, Tenn.  
 Wehrle Co., Newark, O.  
 Wetter H. Mfg. Co., Memphis, Tenn. Works: Memphis, Tenn.  
 Willard W. G., 316 Chestnut, St. Louis, Mo.  
 Wisconsin Fdry. & Steel Works ("True-style," "Queen's Best," "Queen Bird"), Cedar Grove, Wis.  
 Wolterstorff Range Co. (Wrought Steel), 66 E 3rd, St. Paul, Minn.  
 Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.

### 12153—Rapping Plates & Lifting Screws

Cleveland Galvanizing Wks. Co., 3924 Cooper av, Cleveland, O.  
 Timmis & Clissold, Bound Brook, N. J.

### 12154-5— Rasps (Horse)

See also File & Rasp Manufacturers  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

**NICHOLSON FILE CO.** ("Nicholson," "Superior"), Providence, R. I.  
 See adv index at end of book

Stokes Bros. Mfg. Co. ("St. Crispin"), Freehold, N. J.

Westfahl F. & Co. ("Westfahl"), 469 31st, Milwaukee, Wis.

### 12156—\*Ratchet Pipe Threading Tools

**BORDEN CO. THE**, ("Beaver"), Warren, O.  
 See adv index at end of book

### 12157-8—\*Ratchet, Stocks & Dies

See also Stocks & Dies

**BORDEN CO. THE** ("Beaver"), Warren, O.  
 See adv index at end of book

### Ratchets

See Drills, Ratchet

### 12159—Ratchets (Deck Sash)

Adams & Westlake Co., 319 W Ontario, Chicago, Ill.  
 Dayton Mfg. Co., Dayton, O.

### 12160-1— Ratchets (Fence)

Cyclone Fence Co., North Chicago, Ill.  
 Cyclone Woven Wire Fence Co. ("Cyclone"), Cleveland, O.  
 Gem Wire Fence Co. (Malleable Iron), Pontiac, Mich.

Kokomo Fence Machine Co., Kokomo, Ind.

New England Anchor Fence Co., Worcester, Mass.

Novelty Mfg. Co., Jackson, Mich.

Schrivver O. P. & Co. ("I. X. L." Wire Fence), Cincinnati, O.

Sterling Foundry Co. ("Best"), Sterling, Ill.

**WRIGHT WIRE CO.** ("Excelsior") Worcester, Mass.

See adv index at end of book

Wrightsville Hardware Co. ("Brighton"), Wrightsville, Pa.

### Ratchets (Packer)

See Drills, Ratchet

### 12162— Ratchets (Pulling)

Channon Jas. H. Mfg. Co. (Steamboat), 227 W Erie, Chicago, Ill.

### 12163— \*Ratline (Tarred)

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y. See adv index at end of book

### 12164—Rattan Seat Covering (Canvas Lined)

Hale & Kilburn Co., 1800 Lehigh, Phila., Pa.  
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

### 12165—Rattan & Reed Works

American Rattan & Reed Mfg. Co. (Car Seating, Webbing, etc), 268 Norman av, Brooklyn, N. Y.  
 Hartshorn C. H., Gardner, Mass.  
 Heywood Bros. & Wakefield Co., Gardner, Mass.  
 Jenkins-Phipps Co., Wakefield, Mass.  
 Rattan & Cane Co., 66 W B'way, New York  
 Specialty Reed Works, Spartanburg, S. C.  
 United States Rattan Co., Hoboken, N. J.

### 12166—Rattans, Reed & Chair Cane

American Rattan & Reed Mfg. Co. (Also Rattan Webbing, etc), 268 Norman av, Brooklyn, N. Y.  
 Beigel Henry (Imp.), 154 Nassau, New York  
 Gerda Otto Co., 83 Murray, New York  
 Husselrath Importing Co. (Imp.), 37 Liberty, New York  
 Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York  
 Norden A. & Co. (Imp.), 60 Beaver, New York

### 12167— Rattlers (Brick)

United Iron Works Co., Springfield, Mo.

### 12168— Rattlers (Flue)

Mann-McCann Co. ("Westmark"), 305 S La Salle, Chicago, Ill.

### 12169— Rattlers (Foundry)

United Iron Works Co., Springfield, Mo.  
 Whiting Foundry Equipment Co., Harvey, Ill.

### 12170— Rattlers (Nail)

Miller's H. J. Sons, Bridgewater, Mass.  
 Perkins Henry Co., Bridgewater, Mass.

### 12171— Rattlers (Window)

Fischer Bros. & Corwin, 238 South, Newark, N. J.

### 12171a— Rattles (Baby)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

### 12771b— \*Rattles (Wooden)

Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book

### 12172— Rawbone (Boiled)

Cooper's Peter Glue Factory, 11th av & 28th, New York

### 12173—Rawbone (Granulated)

See also Bone Black

Armour Fertilizer Works, Union Stock Yards, Chicago, Ill.

Consolidated Rendering Co., 40 N Market, Boston, Mass.

Hollingshurst & Co. ((Imp.), 66 Beaver, New York

Listers Agricultural Chemical Works, 2 Rector, New York

Pittsburgh Provision & Packing Co. (Case Hardening Bone), Herts Isl., Pittsburgh, Pa.

Rogers & Hubbard Co., Middletown, Conn.

White Thos. H. & Co. (Ground, Brokers), 11 S Gay, Baltimore, Md.

### 12174— Razor-Guard

Weiss L. T. ("Shavezy"), 286 Taaffe pl, Brooklyn, N. Y.

### 12175— Razor Mfrs.

Andresen Hardware Co., 724 S 6th, Minneapolis, Minn.

Barr Bros. Co. (Hand Made), Oakland, Cal.

Boker H. & Co. ("Tree Brand," Imported), 101 Duane, New York

Buck Bros., Milbury, Mass.

Canton Cutlery Co., Canton, O.

Case W. R. & Son's Cutlery Co., Bradford, Pa.

Cattaraugus Cutlery Co., Little Valley, N. Y.

Challenge Cutlery Corp'n, Bridgeport, Conn.

Christy Co., Fremont, O.

Clark Bros. Cutlery Co., Kansas City, Mo.

Clauberg F. A. & Co. ("Tonsorial Gem," "Mikado"), 27 Park pl, New York

Clauss Shear Co., Fremont, O.

Compton W. H. Shear Co., 314 Camden, Newark, N. J.

Droesch S. R. ("Comfort" Imp.), 79 Warren, New York

Empire Knife Co., West Winsted, Conn.

Geneva Cutlery Co., Geneva, N. Y.

Globe Razor Co., Fremont, O.

Graef & Schmidt ("Twin Brand," Imported), 107 Chambers, New York

Hessenbruch H. Co., 8 N 5th, Phila., Pa.

Hollinger Cutlery Co., Fremont, O.

Jackson Shear & Razor Co., Fremont, O.

Kastor Adolph & Bros. ("Wade & Butchers," Imported), 109 Duane, New York

Klaas Max ("Crane Brand" Imported), 298 B'way, New York

Klauberg C. & Bros. (Imp. "Masterpiece," "Damascene"), 173 William, New York

Koch F. A. & Co., 524 B'way, New York

Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.

Landers, Frary & Clark ("Universal"), New Britain, Conn.

National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.

Novelty Cutlery Co., Canton, O.

Robeson Cutlery Co., Rochester, N. Y.

Schrade Cutlery Co., Walden, N. Y.

Shumate Razor Co. ("Shumate"), 630 Locust, St. Louis, Mo.

Siberstein A. L. ("Carbo-Magnetic"), 74 5th av, New York

Sperry & Alexander Co. ("Centaur," Imported), 79 Chambers, New York

Torrey J. R. Razor Co., Worcester, Mass.

Union Cutlery Co., Olean, N. Y.

Unsinger Razor Blade Co., Fremont, O.

Wallace R. & Sons Mfg. Co., Wallingford, Conn.

Wiss J. & Sons Co., 31 Littleton av, Newark, N. J.

Witte Alexis, 81 Warren, New York

Wostenholm Geo. & Son ("I. X. L." Imp.), 105 Chambers, New York

**12176-7—Razor Mfrs. (Safety)**

American Safety Razor Co. ("Ever Ready"), 303 Jay, Brooklyn, N. Y.

Auto Strop Safety Razor Co., 345 5th av, New York

Bedford Safety Razor Co., Bedford, Mass.

Burham Safety Razor Co. ("Burham"), 66 Murray, New York

Christy Co., Fremont, O.

Clark Blade Razor Co. ("King," "Clark"), 56 Summer av, Newark, N. J.

Clauss Shear Co. ("Clauss"), Fremont, O.

Crescent Mfg. Co., Tremont, O.

Curley J. & Bro., 306 Broadway, New York

Durham Duplex Razor Co., Jersey City, N. J.

Eagle Safety Razor Co., 66 West B'way, N. Y.

Enders Sales Co. ("Enders"), 17 Battery pl, New York

Gem Cutlery Co. ("Gem"), 11th av & 25th, New York

Geneva Cutlery Co., Geneva, N. Y.

Gillette Safety Razor Co. ("Gillette"), 41 W First, Boston, Mass.

Hart H. C. Mfg. Co. ("Finney"), Unionville, Conn.

Herbrand Co., Fremont, Ohio

Kampfe Bros. ("Star"), 3303 Atlantic av, Brooklyn, N. Y.

Kirtland Bros. & Co., 96 Chambers, N. Y.

Korn Geo. W. Razor Mfg. Co. ("Real"), Little Valley, N. Y.

Odell Mfg. Co. ("Odell"), 343 S Dearborn, Chicago, Ill.

Pall Mall Electric Co. ("Dr. Scott"), 128 W 34th, New York

Penn A. C. ("Penn"), 100 Lafayette, New York

Reichardt F. A. & Co., 83 Barclay, New York

Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.

Roberts Safety Razor Co., 706 Jamaica av, Brooklyn, N. Y.



Safege Co. ("Safege"), Geneva, N. Y.  
 Silberstein A. L. ("Griffin"), 74 5th av,  
 New York  
 Simmons Hardware Co. ("Keen Kutter"),  
 9th & Spruce, St. Louis, Mo.  
 Traut & Hine Mfg. Co., New Britain,  
 Conn.  
 Unsinger Razor Blade Co. ("Curbo"),  
 Fremont, O.  
 Ward Safety Razor Co. ("Ward"), Blue  
 Island, Ill.  
 Weck Edward & Son ("Sextoblade"), 148  
 Fulton, New York

**12178— Razzle Dazzles**

Herschell-Spillman Co., No. Tonawanda,  
 N. Y.

**12179—Re-Agents (Chemical)**

General Chemical Co., 25 Broad, New York  
 General Chemical Co., Benedum Trees  
 bldg, Pittsburgh, Pa.  
 Hell Henry Chemical Co., St. Louis, Mo.  
 Mallinckrodt Chemical Works, 2d & Mal-  
 linckrodt, St. Louis, Mo.  
 Merck & Co. ("Merck's" Blue Label), 45  
 Park pl, New York

**12180— Reamers (Adjustable)**

See also Reamers, Expansion

Butterfield & Co., Derby Line, Vt.  
 Cleveland Twist Drill Co. ("Paradox"),  
 1 E 49th, Cleveland, O.  
 Gisholt Machine Co. (Solid Adjustable),  
 Madison, Wis.  
**KELLY REAMER CO.** ("Kelly" Floating  
 & Rigid), 1553 Columbus rd, Clevel-  
 and, O. See adv index at end of book  
**McCrosky Reamer Co.** ("McCrosky"),  
 Meadville, Pa.  
 Mergenthaler Co., 118 Hollingsworth,  
 Baltimore, Md.  
 Morse Twist Drill & Machine Co. ("One  
 Lock"), New Bedford, Mass.  
 Ohio Reamer Co., 5333 St. Clair av, Clevel-  
 and, O.  
 Pratt & Whitney Co., Hartford, Conn.  
 Rogers John M. Works, Gloucester City,  
 N. J.  
 Schellenbach-Hunt Tool Co. ("Universal"  
 Machine), Murdock bldg, Cincin-  
 nati, O.  
 Standard Tool Co., 6900 Central av, Clevel-  
 and, O.  
 Taft-Pierce Mfg. Co. Woonsocket, R. I.  
 Whitman & Barnes Mfg. Co., Akron, O.  
 See adv index at end of book

**12181—\*Reamers (Adjustable Float-  
ing)**

**KELLY REAMER CO.**, 1553 Columbus rd,  
 Cleveland, O. See adv index at end of book

**12182—\*Reamers (Aluminum)**

**KELLY REAMER CO.**, 1553 Columbus rd,  
 Cleveland, O. See adv index at end of book

**12183—Reamers (Bibb & Bibb Seat)**

Ajax Mfg. Co., 848 Jackson, N S, Pitts-  
 burgh, Pa.  
 Yonts C. H. & Co. ("Universal," for  
 Cocks, Bibbs, etc), Meadville, Pa.

**12184—Reamers (Bit Brace)**

Boll Bros. Mfg. Co., Harrisburg, Pa.  
 Brubaker W. L. & Bros. (Taper), Mil-  
 lersburg, Pa.  
 Butterfield & Co., Derby Line, Vt.  
 Detroit Twist Drill Co., 555 Fort, De-  
 troit, Mich.

See adv index at end of book

**GREENFIELD TAP & DIE CORP'N**

("G. T. D." Spiral Fluted), Green-  
 field, Mass. See adv index at end of book

Kraeuter & Co., 583 18th av, Newark,  
 N. J.

Mayhew H. H. Co., Shelburne Falls,  
 Mass.

Morse Twist Drill & Machine Co., New  
 Bedford, Mass.

National Twist Drill & Tool Co. ("Na-  
 tional" Taper & Fluted), Detroit,  
 Mich.

Polk A. J. & Son, Millersburg, Pa.  
 Pratt & Whitney Co., Hartford, Conn.

Sayre L. A. Co., 332 Mulberry, Newark,  
 N. J.

Standard Tool Co., 6900 Central av, Clevel-  
 and, O.

Wells F. E. & Son Co. ("Reece"), Green-  
 field, Mass.

Yonts C. H. & Co., Meadville, Pa.

**12185—Reamers (Bit Stock)**

Cleveland Twist Drill Co., 1 E 49th, Clevel-  
 and, O.

Whitman & Barnes Mfg. Co., Akron, O.  
 See adv index at end of book

**12186— Reamers (Bridge)**

Alvord Reamer Co., Millersburg, Pa.  
 Buck Bros., Millbury, Mass.

Buckeye Twist Drill Co., Alliance, O.  
 Butterfield & Co., Derby Line, Vt.

Cleveland Twist Drill Co., 1 E 49th,  
 Cleveland, O.

Gem Mfg. Co., Goebel nr Fulton, N S,  
 Pittsburgh, Pa.

See adv index at end of book

**GREENFIELD TAP & DIE CORP'N**

("G. T. D." Spiral Fluted Taper,  
 Squared & Taper Shanks), Green-  
 field, Mass.

See adv index at end of book

Lincoln-Williams Twist Drill Co., Taunton,  
 Mass.

Mayhew H. H. Co., Shelburne Falls, Mass.

Morse Twist Drill & Machine Co., New  
 Bedford, Mass.

National Twist Drill & Tool Co. ("Na-  
 tional"), Detroit, Mich.

Polk A. J. & Son, Millersburg, Pa.

Pratt & Whitney Co., Hartford, Conn.

Standard Tool Co., 6900 Central av, Clevel-  
 and, O.

Swan Jas. Co., Seymour, Conn.

Tucke Mfg. Co., Brockton, Mass.

Whitman & Barnes Mfg. Co., Akron, O.  
 See adv index at end of book

Whitman & Barnes Mfg. Co., Akron, O.  
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Whitman & Barnes Mfg. Co., Akron, O.  
 See adv index at end of book

Whitman & Barnes Mfg. Co., Akron, O.  
 See adv index at end of book

**12188— Reamers (Burring)**

Alvord Reamer Co., Millersburg, Pa.  
 Buck Bros., Millbury, Mass.  
 Buffum Tool Co. ("Swastika"), South Side,  
 Louisiana, Mo.

Butterfield & Co., Derby Line, Vt.

**GREENFIELD TAP & DIE CORP'N**  
 ("G. T. D." Spiral Fluted), Greenfield,  
 Mass. See adv index at end of book

Lord L. L. (Spiral Fluted), Meadville, Pa.

Mayhew H. H. Co., Shelburne Falls, Mass.

Morse Twist Drill & Machine Co., New  
 Bedford, Mass.

Pratt & Whitney Co., Hartford, Conn.

Standard Tool Co., 6900 Central av, Clevel-  
 and, O.

Swan Jas. Co., Seymour, Conn.

Tucke Mfg. Co., Brockton, Mass.

Wells F. E. & Son Co. ("Hercules"), Green-  
 field, Mass.

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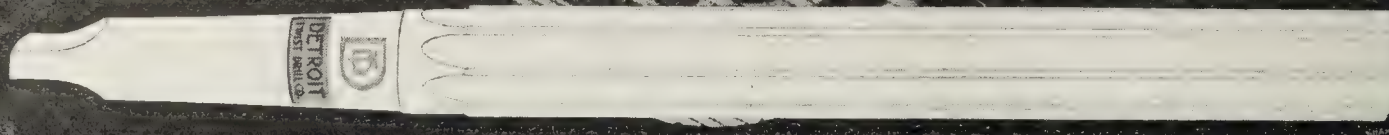
Wells F. E. & Son Co. ("Hercules"), Green-  
 field, Mass.

Wells F. E. & Son Co. ("Hercules"), Green-  
 field, Mass.

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Cutters, Chucks  
 and other  
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DETROIT TWIST  
 DRILL CO.  
 555-567 Fort St. W.  
 DETROIT MICHIGAN





Rogers John M. Works, Gloucester City, N. J.  
Standard Tool Co., 6900 Central av, Cleveland, O.  
Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

### 12191-2—Reamers (Conduit Pipe)

Sprague Electric Works, 527 W 34th, New York  
Steel City Electric Co. ("Thompson"), 1207 Columbus av, Pittsburgh, Pa.

### 12193—Reamers (Electrical, Portable)

American Electric Tool Co. ("Carver"), West Newton, Mass.  
Cincinnati Electrical Tool Co., Cincinnati, Ohio  
Hisey-Wolf Machine Co., Cincinnati, O.

### 12194—Reamers (Expansion)

Chadwick & Trefethen ("Critchley's"), Portsmouth, N. H.  
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
Cutter Wood Supply Co. ("Critchley Improved"), 68 Pearl, Boston, Mass.  
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.  
Hjorth Lathe & Tool Co. ("B-ver"), 27 School, Boston, Mass.  
**KELLY REAMER CO.**, 1553 Columbus rd, Cleveland, O. *See adv index at end of book*  
McCrosky Reamer Co., Meadville, Pa.  
Morse Twist Drill & Machine Co., New Bedford, Mass.  
Ohio Reamer Co., 5333 St. Clair av, Cleveland, O.  
Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.  
Schellenbach-Hunt Tool Co., Murdock bldg, Cincinnati, O.  
Standard Tool Co., 6900 Central av, Cleveland, O.  
Taft-Pierce Mfg. Co., Woonsocket, R. I.  
Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

### 12194a—\*Reamers for Cylinders (Roughing & Finishing)

**KELLY REAMER CO.**, 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

### 12195-6—Reamers (Hand)

Buckeye Twist Drill Co., Alliance, O.  
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*  
Dyer G. H. Co. (For Ford Cars Only), Cambridge, Mass.  
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.  
**GREENFIELD TAP & DIE CORP'N** ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*  
Krauter & Co., 583 18th av, Newark, N. J.

Lincoln-Williams Twist Drill Co., Taunton, Mass.  
McCrosky Reamer Co. ("McCrosky"), Meadville, Pa.  
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.  
Morse Twist Drill & Machine Co., New Bedford, Mass.  
Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Standard Tool Co., 6900 Central av, Cleveland, O.  
Taft-Pierce Mfg. Co., Woonsocket, R. I.  
Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

### 12197—Reamers (High Speed Steel)

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
McCrosky Reamer Co., Meadville, Pa.  
Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.  
Morse Twist Drill & Machine Co., New Bedford, Mass.  
Rich Tool Co., Railway Exch, Chicago, Ill.  
Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

### Reamers (High Speed Steel Twisted)

*See Reamers, High Speed Steel*

### 12199—Reamers (Hub)

Defiance Machine Works, Defiance, O.

### 12199a—Reamers (Lemon & Orange)

Mills Thomas & Brother (Electrically Driven), Cor. Thompson & Eighth, Philadelphia, Pa.

### 12199b—\*Reamers (Line Bar)

**KELLY REAMER CO.**, 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

### 12200—\*Reamers (Locomotive)

**GREENFIELD TAP & DIE CORP'N** ("G. T. D."), Greenfield, Mass. *See adv index at end of book*

**KELLY REAMER CO.**, 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

### 12201—\*Reamers (Open Port Cylinder)

**KELLY REAMER CO.**, 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

### 12202—Reamers or Tap Borers (Lead Pipe)

*See also Borers, Tap*

Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.  
Lowentrant P. Mfg Co., 36 Brenner, Newark, N. J.  
Osborne C. S. & Co., Harrison, N. J.

### 12203—Reamers (Pin)

**GREENFIELD TAP & DIE CORP'N** ("G. T. D." Spiral Fluted), Greenfield, Mass. *See adv index at end of book*  
Screw Machine Products Corp. (Taper), 1012 Eddy, Providence, R. I.

### Reamers (Pipe)

*See Taps & Reamers, Pipe*

### Reamers (Pneumatic)

*See Pneumatic Reaming & Tapping Drills*

### 12204—Reamers (Radial)

Hanna Engineering Works ("Hanna," for Bridge & Structural Shops), 2059 Elston av, Chicago, Ill.

### 12205—Reamers (Rivet Hole)

Buckeye Twist Drill Co., Alliance, O.  
Rich Tool Co., Railway Exch., Chicago, Ill.  
Standard Tool Co., 6900 Central av, Cleveland, O.

### 12206—Reamers (Set)

Buffum Tool Co. ("Swastika," Conduit & Iron Pipe), South Side, Louisiana, Mo.

### 12207—Reamers (Shell)

Alvord Reamer Co., Millersburg, Pa.  
Brubaker W. L. & Bros., Millersburg, Pa.  
Buckeye Twist Drill Co., Alliance, O.  
Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

Detroit Twist Drill Co. (Also Rose Shell), 555 Fort, Detroit, Mich.  
Gisholt Machine Co. (Solid Adjustable), Madison, Wis.

**GREENFIELD TAP & DIE CORP'N** ("G. T. D." Straight & Spiral Fluted), Greenfield, Mass. *See adv index at end of book*

Lincoln-Williams Twist Drill Co., Taunton, Mass.

McCrosky Reamer Co. ("McCrosky" Adjustable), Meadville, Pa.

Mergenthaler Co., 118 Hollingsworth, Baltimore, Md.

Morse Twist Drill & Machine Co. (Adjustable & Rose), New Bedford, Mass.

National Twist Drill & Tool Co. ("National" Fluted), Detroit, Mich.

Polk A. J. & Son, Millersburg, Pa.

Pratt & Whitney Co., Hartford, Conn.

Putnam Machine Co., Fitchburg, Mass.

Rogers John M. Works, Gloucester City, N. J.

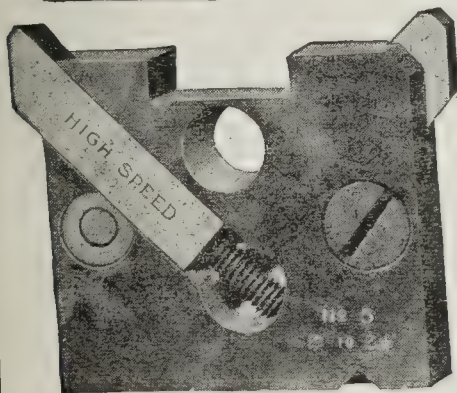
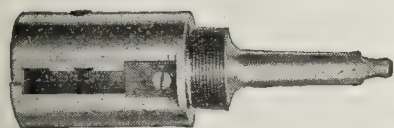
Standard Tool Co., 6900 Central av, Cleveland, O.

Whitman & Barnes Mfg. Co., Akron, O.

*See adv index at end of book*

### 12208—\*Reamers (Special Design)

McCrosky Reamer Co., Meadville, Pa.



## KELLY REAMERS AND BORING TOOLS

### HIGH-SPEED—ADJUSTABLE BLADES

For ENGINE CYLINDERS, STEEL TUBING, BRONZE BUSHINGS, 1-2-inch to 12-inch. in STOCK.

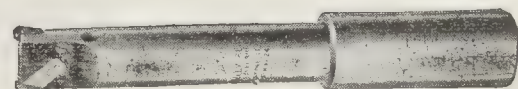
These tools give *absolute size and finish* and are used exclusively by the largest American Manufacturers. We do a large and *satisfactory EXPORT business*. We **KNOW HOW to EXPORT** and make **PROMPT SHIPMENTS**.

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40 Domestic Agencies



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**12209— Reamers (Square)**

Bagshaw & Field, 445 N 5th, Phila., Pa.  
 Buck Bros., Millbury, Mass.  
 Jennings C. E. & Co., 71 Murray, New York  
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
 Snell Mfg. Co., Fiskdale, Mass.  
 Tucke Mfg. Co. (Also Half Round), Brockton, Mass.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

**12210— Reamers (Taper)**

Ajax Mfg. Co. (Stove), 848 Jackson N S, Pittsburgh, Pa.  
 Alvord Reamer Co., Millersburg, Pa.  
 Brown & Sharpe Mfg. Co. ("Standard"), Providence, R. I.  
 Brubaker W. L. & Bros., Millersburg, Pa.  
 Buck Bros., Millbury, Mass.  
 Buckeye Twist Drill Co., Alliance, O.  
 Butterfield & Co., Derby Line, Vt.  
 Chicago Screw Co. (Taper Pin), 13 N Jefferson, Chicago, Ill.  
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
 Corbin Screw Corporation (Pin), New Britain, Conn.  
 Detroit Twist Drill Co. (Also Taper Pin), 555 Fort, Detroit, Mich.  
*See adv index at end of book*  
**GREENFIELD DIE & TAP CORP'N** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*  
 Holland Mfg. Co., 352 E 18th, Erie, Pa.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 National Twist Drill & Tool Co. ("National" Taper Pin, etc), Detroit, Mich.  
 Polk A. J. & Son, Millersburg, Pa.  
 Pratt & Whitney Co., Hartford, Conn.  
 Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.  
 Rich Tool Co., Ry Exch bldg, Chicago, Ill.  
 Rogers John M. Works (Solid & Adjustable), Gloucester City, N. J.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Standard Tool Co., 6900 Central av, Cleveland, O.  
 Stowe Flexible Shaft Co. (Long Taper), N 26th & Callowhill, Phila., Pa.  
 Syracuse Twist Drill Co. ("Syracuse" Square), Borden av, Syracuse, N. Y.  
*See adv index at end of book*  
 Wells F. E. & Son Co. ("Reece"), Greenfield, Mass.  
 Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*  
 Yonts C. H. & Co. (For Bit Brace, Paper Reamer & Ratchet Combination; also Spiral Fluted), Meadville, Pa.

**12211—\*Reamers (Turret Lathe)**

**KELLY REAMER CO.**, 1553-1565 Columbus rd, Cleveland, O.  
*See adv index at end of book*

**12212— Reamers (Under)**

Wilson & Willard Mfg. Co. (For Oil Well Drilling), Los Angeles, Cal.

**12213—Reamers (Valve Reseating)**

**KELLY REAMER CO.**, 1553 Columbus rd, Cleveland, O. *See adv index at end of book*

**12214— Reapers**

*See also Agricultural Implements; Harvesters; Mowers*

**INTERNATIONAL HARVESTER CO. OF AMERICA (INC.)**, (Champlon-Deering, McCormick-Osborne-Milwaukee-Plano), 702 Harvester bldg, Chicago, Ill. *See adv index at end of book*

Johnston Harvester Co. ("Johnston Continental"), Batavia, N. Y.  
 Messinger Mfg. Co. ("Empire"), Tatamy, Pa.

Moline Plow Co. ("Adriance"), Moline, Ill.  
 Selberling & Miller Co. ("Empire"), Doylestown, O.

Wood Walter A. Mowing & Reaping Machine Co. ("Walter A. Wood"), Hoo-sick Falls, N. Y.

**12215— Receivers (Air)**

Buckeye Boiler Co., Dayton, O.  
 Bury Compressor Co., Erie, Pa.  
 Case W. A. & Sons, Mfg. Co., Buffalo, N. Y.  
 Casey-Hedges Co., Chattanooga, Tenn.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**CHICAGO PNEUMATIC TOOL CO.**, Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
 Columbiana Boiler Co., Columbiana, O.  
 Continental Iron Works, West & Calyer, Brooklyn, N. Y.  
 Devine J. P. Co., Buffalo, N. Y.  
 Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Hamburg Boiler Works, Hamburg, Pa.  
*See adv index at end of book*  
**INGERSOLL-RAND CO.**, 11 B'way, New York. *See adv index at end of book*  
 Kellogg M. W. Co. (Welded), 90 West, New York  
 Kewanee Boiler Co., Kewanee, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Leader Iron Works, 201 Jasper, Decatur, Ill.  
 McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Munroe R. & Sons Mfg. Corp'n (Also Gas), 23rd & Smallman, Pittsburgh, Pa.  
 Murphy & Walsh, Pekin, Ill.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Ryerson Joseph T. & Son, 2558 W 16th, Chicago, Ill.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 United Iron Works Co., Springfield, Mo.  
 Vulcan Iron Works, Wilkes-Barre, Pa.  
 Walsh & Weldner Boiler Co., Chattanooga, Tenn.  
**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler Improved"), Carteret, N. J. *See adv index at end of book*  
 Wilks S. Mfg. Co., 3517 Shields av, Chicago, Ill.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

**12216—Receivers (Ammonia)**

American Welding Co. (Seamless Lap Welded), Carbondale, Pa.  
 Columbus Iron Works, Columbus, Ga.

**12216a—\*Receivers (Feed Water)**

Harrison Safety Boiler Works, 3147 N 17th, Phila., Pa.  
*See adv index at end of book*

**12217— Receivers (Garbage)**

Birch Mfg. Co. (Wall), 1276 Clybourn av, Chicago, Ill.  
 Majestic Co. (Built-In Kitchen, Apartment & Underground), Huntington, Ind.  
 Sexton Can Co. ("Sexton Sanitary" Underground), 228 Franklin, Boston, Mass.

Stephenson C. H. ("Stephenson," "Standard," & "Unit," also Street Sweeping, Ash, Refuse, etc), Lynn, Mass.

**12217a—Receivers (Milk & Pack-age)**

Majestic Co., Huntington, Ind.

**12218— Receivers (Pipe)**

American District Steam Co. ("Adsc"), North Tonawanda, N. Y.

**12218a—Receivers (Rotary Under-ground Ash)**

Gunster Bros. (For Heaters & Boilers), Soranton, Pa.  
 Sharp Rotary Ash Receiver Co., Bing-hampton, N. Y.

**12219—Receivers (Wireless Tele-graph)**

Brandes C., 32 Union sq, New York  
 Cutting & Washington, Inc. ("C. & W."), 26 Portland, Cambridge, Mass.  
*See adv index at end of book*  
 National Electric Signaling Co., Farmers' Bank bldg, Pittsburgh, Pa.  
 Wireless Specialty Apparatus Co. ("Para-gon"), C. & Fargo, Boston, Mass.

**12220— Receptacles (Car)**

Standard Heat & Ventilation Co., 141 Cedar, New York

**12221— Receptacles (Cleat)**

Connecticut Elec. Mfg. Co., Bridgeport, Conn.

**12222—Receptacles (Conduit Box)**

Connecticut Elec. Mfg. Co., Bridgeport, Conn.

**12222a—\*Receptacles (Edi-Swan)**

**MORSE FRANK W.** ("Morse," Flush & Surface), 293 Congress, Boston, Mass.  
*See adv index at end of book*

**12223— Receptacles (Flush)**

Arrow Electric Co. ("Arrow E," "Standard") (For Attachment Plugs), Hartford, Conn.  
 Connecticut Elec. Mfg. Co., Bridgeport, Conn.

**HART MFG. CO.** ("Diamond H"), 231 Hamilton, Hartford, Conn.  
*See adv index at end of book*

**12224—Receptacles for Chemical Works**

Baeuerle & Morris, 932 N Front, Phila., Pa.

**12225—\*Receptacles (Hard Fibre)**

Baeuerle & Morris, 932 N Front, Phila., Pa.

**12226—Receptacles (Ordinary & Sign)**

*See also Plugs, Attachment; also Sockets*  
 Arrow Electric Co. ("Arrow E," "Mogul," "Standard" Candelabra & Miniature), Hartford, Conn.

Benjamin Electric Mfg. Co. (Outlet Box & Sign), 128 S Sangamon, Chicago, Ill.

Best Electric Co., Vanadium bldg, Pittsburgh, Pa.  
 Bryant Electric Co., Bridgeport, Conn.

Chelton Electric Co., Helskel & Armat, Phila., Pa.

Connecticut Electric Mfg. Co., Bridgeport, Conn.

Crouse-Hinds Co. ("Norbitt" & "Condu-letto"), Syracuse, N. Y.

Federal Sign System, 640 W Lake, Chicago, Ill.

Freeman E. H. Electric Co. ("Russell," Sign, Porcelain for Metal Faced Signs), Trenton, N. J.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Hubbell Harvey (Floor), Bridgeport, Conn.  
 Palste H. T. Co. ("Fielding"), 3201 Arch, Phila., Pa.

Pass & Seymour ("P. & S." Waterproof, etc), Solvay, N. Y.

Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

Peru Electric Co., Peru, Ind.

Russell & Stoll Co., 17 Vandewater, New York

Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.

Stanley & Patterson ("Newcode"), 23 Murray, New York

Tregoning Electric Mfg. Co., Cleveland, O.

Trumbull Electric Mfg. Co., Plainville, Conn.

Union Electric Co., Trenton, N. J.

**12226a—\*Reclaiming Apparatus**

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*



**12227—Record Holders (Wire Phonograph)**

Syracuse Wire Works (Wire & Steel),  
Syracuse, N. Y.

**12228—Recorders (Cash)**

Hough Cash Recorder Co. ("Security"),  
Indian Orchard, Mass.

**12229—Recorders (Coasting)**

Railway Improvement Co. (For Electric  
Railways), 61 B'way, New York

**12230—Recorders (Combustion)**

**FOXBORO COMPANY, THE**, succeeding  
Industrial Instrument Co. ("Foxboro-  
Heath"), Foxboro, Mass.  
*See adv index at end of book*

Precision Instrument Co. ("Simman-  
ce-Abady"), Detroit, Mich.

Sarco Engineering Co. ("Sarco"), South  
Ferry bldg, New York

Uehling Instrument Co., 71 Broadway,  
New York

Vulcan Fuel Economy Co., 236 S La Salle,  
Chicago, Ill.

**12231—Recorders (Continuous Feed & Resetting)**

Ashcroft Mfg. Co. (For Steam, Electric  
Cable, Engine & Water Motors), 119  
W 40th, New York

**12232—Recorders (Elevator Travel)**

Elevator Supplies Co., Hoboken, N. J.

**12233—\*Recorders (Flow)**

Harrison Safety Boiler Works, 3147 N  
17th, Phila., Pa.

*See adv index at end of book*

**12233a—Recorders (Machine)**

Tagliabue C. J. Mfg. Co., 18 33d, Brook-  
lyn, N. Y.

**12234—Recorders (Pressure & Speed)**

Du Vivier Ernest H., 30 Church, New  
York  
Esterline Co. (Inc.) ("Esterline," Speed),  
Indianapolis, Ind.

**FOXBORO COMPANY, THE**, succeeding  
Industrial Instrument Co. ("Fox-  
boro," also Temperature), Foxboro,  
Mass. *See adv index at end of book*

**SCHAEFFER & BUDENBERG MFG CO.**  
(Also Temperature), Berry & S 5th,  
Brooklyn, N. Y.

*See adv index at end of book*

Tagliabue C. J. Mfg. Co., 18 33d, Brook-  
lyn, N. Y.

**12235—Recorders (Railway Speed)**

**CHICAGO PNEUMATIC TOOL CO.**, Fish-  
er bldg, Chicago, Ill.  
*See adv index at end of book*

**12236—Recorders (Smoke)**

Hamler-Eddy Smoke Recorder Co.  
("Eddy"), 3906 S Halsted, Chicago, Ill.  
Sarco Engineering Co. ("Sarco"), South  
Ferry bldg, New York

**12237—Recorders (Sunshine)**

Green Henry J., 1191 Bedford av, Brook-  
lyn, N. Y.

**12238—Recorders (Time)**

*See also Clocks, Time Recording System*

**AUTOMATIC TIME STAMP CO.** ("Auto-  
matic" Time Register, "Duragraph"  
Elapsed Time Recorder, "Timeometer"  
for Telephone Switchboards), 159 Con-  
gress, Boston, Mass.

Baird Equipment Co., 334 W Ohio, Chi-  
cago, Ill.

Bishop Calculating Recorder Co. ("Bish-  
op" Calculating), 233 B'way, New  
York

Bonham Recorder Co., Hamilton, O.

**BRISTOL CO.** ("Bristol's" Electric & Me-  
chanical), Waterbury, Conn.  
*See adv index at end of book*

**BROWN TRAFLOG CO.** ("Traflog" for  
Trucks, Wagons, etc), 6911 Carnegie  
av S E, Cleveland, O.

Calculagraph Co. (Elapsed Time Record-  
er), 30 Church, New York

Cincinnati Time Recorder Co., Central av  
& York, Cincinnati, O.

Du Vivier Ernest H., 30 Church, New York  
Follett Time Recording Co., 29 Murray,  
New York

**FOXBORO COMPANY, THE**, Succeeding  
Industrial Instrument Co. ("Fox-  
boro"), Foxboro, Mass.

*See adv index at end of book*

Gisholt Machine Co. ("Periodograph"),  
Madison, Wis.

Holtzer-Cabot Electric Co. ("Watch-  
men's"), Brookline, Mass.

**HOWARD E. CLOCK CO.**, Bromfield &  
Washington, Boston, Mass.

*See adv index at end of book*

Imhauser E. Co. ("Watchman's"), 212  
Broadway, New York

International Time Recording Co. of N. Y.  
("Rochester," "Bundy," "Chicago" &  
"International Card"), Endicott, N. Y.

Kastens Henry, 418 W 27th, New York

Magneta Co., 58 W 15th, New York

Monitor Time Clock Co., Syracuse, N. Y.

Nanz Clock Co., 178 Fulton, N. Y.

Service Recorder Co. (Travel Recorders),  
2344 E 105th, Cleveland, O.

**SIMPLEX TIME RECORDER CO.**, 135 5th  
av, New York

*See adv index at end of book*

Sohm Electric Co. ("Sohm System" for Re-  
cording Receipt & Delivery of Goods,  
etc, 141 W Austin av, Chicago, Ill.

Stromberg Electric Co., 606 S Michigan av,  
Chicago, Ill.

Taylor-Hobson Co. ("Talykron"), 1133  
B'way, New York

**TIME REGISTER REPAIR & SUPPLY**  
**CO.**, Gardner, Mass.

*See adv index at end of book*

Yaxley Mfg. Co. ("Monarch"), 1101 W  
Monroe, Chicago, Ill.

**12239—\*Recorders (Time, Cost Keeping)**

**SIMPLEX TIME RECORDER CO.**, 135  
5th av, New York

*See adv index at end of book*

Stromberg Electric Co., 606 S Michigan  
av, Chicago, Ill.

**12240—\*Recorders (Time, Rebuilt & Second Hand)**

**TIME REGISTER REPAIR & SUPPLY**  
**CO.**, Gardner, Mass.

*See adv index at end of book*

**12241—Recorders (Traffic Time)**

Brown Traflog Co., 6911 Carnegie av, S E,  
Cleveland, O.

**12242—Recorders (Water Flow)**

Bailey Meter Co. ("Bailey"), 141 Milk,  
Boston, Mass.

*See adv index at end of book*

Yarnall-Waring Co. ("Lea" V Notch  
Meters for Measuring Boiler Feed,  
Acids, Chemical Solutions, etc), Har-  
rison bldg, Phila., Pa.

**12243—Recorders (Water Level)**

Du Vivier Ernest H., 30 Church, New  
York

**FOXBORO COMPANY, THE**, Succeeding  
Industrial Instrument Co. ("Fox-  
boro"), Foxboro, Mass.

*See adv index at end of book*

Gurley W. & L. E. (Automatic Self-Re-  
cording Water Stage Registers, mak-  
ing Printed & Graphic Records, also  
"Gurley" Hook Gage for Determining  
the Depth of Water Flowing Over  
Weirs, etc), Troy, N. Y.

Leupold & Voelpel ("Stevens" Continu-  
ous), Portland, Ore.

Lombard Governor Co., Ashland, Mass.  
Tagliabue C. J. Mfg. Co., 18 33d, Brook-  
lyn, N. Y.

**12244—Recorders (Weir)**

**BAILEY METER CO.** ("Bailey"), 141  
Milk, Boston, Mass.

*See adv index at end of book*

**SIMPLEX VALVE & METER CO.**, 110 N  
Broad, Phila., Pa.

**12245—\*Recording Devices For the Trade**

**PLUMB D. S.**, 73-77 Norfolk near Central  
av, Newark, N. J.

*See adv index at end of book*

**12245a—Records (Disc)**

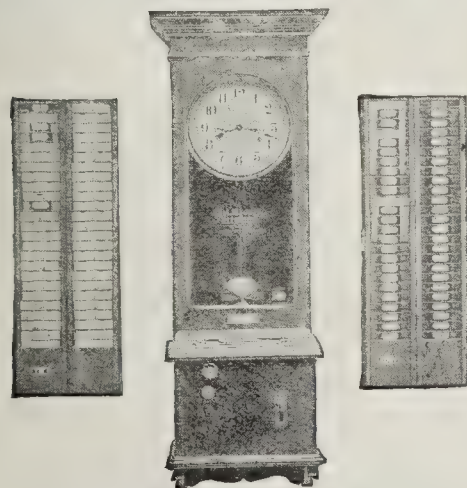
Columbia Graphophone Co., 233 Broadway,  
New York

Edison Thomas A., Orange, N. J.

Indestructible Phonograph Record Co., Al-  
bany, N. Y.

Pathe Freres Phono Co., 29 W 38th, New  
York

Victor Talking Machine Co., Camden,  
N. J.



SIMPLEX—BUNDY STYLE 1223

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Cost keeping Systems and time Stamps.  
50 Models New Recorders, catalogue No. 7  
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information covering all styles and makes  
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**12246—Rectifiers (Alternating Current)**

Edison Thomas A. (For Charging Storage Batteries), Orange, N. J.

**12247—Rectifiers (Automobile Electric Lighting)**

**GENERAL ELECTRIC CO.** ("G. E."), Schenectady, N. Y.  
See adv index at end of book  
Wagner Electric Mfg. Co., 6400 Plymouth av., St. Louis, Mo.

**12248—Rectifiers (For Changing Alternating to Direct Current)**

American Battery Co. ("American" Electrolytic), 1132 Fulton, Chicago, Ill.  
Clark Electric Meter Co. ("Johns"), 215 S Clinton, Chicago, Ill.  
Elec. Accumulator Co., 811 Penna, Pittsburgh, Pa.  
Electric Economy Co., 1529 Columbus av., Roxbury, Boston, Mass.  
Electric Products Co., 1067 E 152d, Cleveland, O.  
France Mfg. Co., 1434 W 75th, Cleveland, Ohio  
Imperial Elec. Co., Union City, Ind.  
Krott L. E. Apparatus Co., 79 Amherst, Cambridge, Mass.  
Lincoln Electric Co., Cleveland, O.  
Meyer Wm. Co., 817 Washington, Chicago, Ill.  
Murphy Electricity Rectifier Co., Rochester, N. Y.  
R. & R. Rectifier Co., Midway, Fla.  
Ruprecht Electrical Co., Cleveland, O.  
Sireh Laboratories & Elec'l Mfg. Co., Los Angeles, Cal.  
Stahl Rectifier Co., 538 S Clark, Chicago, Ill.  
Standard Metal Mfg. Co., 237 Chestnut, Newark, N. J.  
United Elec. Apparatus Co., 1529 Columbus av., Boston, Mass.  
Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.  
Wagner Electric Mfg. Co., 6400 Plymouth av., St. Louis, Mo.  
**WESTINGHOUSE ELECTRIC & MFG. CO.** ("Cooper-Hewitt"), East Pittsburgh, Pa. See adv index at end of book

**12249—Rectifiers (Mercury Arc)**

**GENERAL ELECTRIC CO.** (For Changing Alternating Current to Direct Current), Schenectady, N. Y.  
See adv index at end of book  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
See adv index at end of book

**12250 — Rectigraphs**

Rectigraph Co., Rochester, N. Y.

**12251— Reds (Indian)**

Smith J. Lee & Co. (Imp), 19 Jacob, New York  
Westmoreland Chemical & Color Co., 925 Chestnut, Phila., Pa.

**12251a— Reds (Turkey)**

Smith J. Lee & Co. (Imp), 19 Jacob, New York

**12251b— Reds (Tuscan)**

Smith J. Lee & Co. (Imp), 19 Jacob, New York

**12252— Reds (Venetian)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
See adv index at end of book  
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.  
Macneal James B. & Co. (American & English), Warner & Wooster, Baltimore, Md.  
Mephram Geo. S. & Co., 20th & Lynch, East St. Louis, Ill.  
Osborn C. J. Co. (Imp.), 132 Nassau, New York  
Smith J. Lee & Co. (Imp.), 19 Jacob, New York  
Westmoreland Chemical & Color Co., 925 Chestnut, Phila., Pa.  
**WILLIAMS C. H. & CO.** ("Anchor Brand"), Easton, Pa.

**12252a— \*Reducers (Aniline)**

Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.  
See adv index at end of book

**12252b—\*Reducers (Brass, Cast & Mall. Iron)**

**NATIONAL TUBE CO.** Frick bldg, Pittsburgh, Pa.  
See adv index at end of book

**12253—Reducers (Closet Spud)**

Trenton Brass & Machine Co., Trenton, N. J.

**12254— Reducers (Hose)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
American Safety Lamp & Mine Supply Co., Scranton, Pa.  
Boston Woven Hose & Rubber Co., Cambridge, Mass.  
Crane Co. (Est. 1855), 836 S Michigan av., Chicago, Ill.  
For branch offices see adv index at end of book  
Simmons John Co., 110 Centre, New York

**12255—Reducers (Stove Pipe)**

Osborn J. M. & L. A. Co., Cleveland, O.

**12256—Reeds (Car Seat, Chair, Etc.)**

Heywood Bros. & Wakefield Co., Gardner, Mass.  
National Patent Reed Co., Unionville, Conn.

**12257— Reels (Belt)**

Turner Tanning Machinery Co. (For Belt Mfrs.), Peabody, Mass.

**12258—Reels (Blasting Cable)**

Burton Powder Co., Empire bldg, Pittsburgh, Pa.

**12259— Reels (Bolting)**

Noye Bros. Co., Buffalo, N. Y.  
Nordyke & Marmon Co., 1290 Kentucky av., Indianapolis, Ind.  
Wolf Co., Chambersburg, Pa.

**12260— Reels (Centrifugal)**

Abbe Engineering Co., 220 B'way, New York See adv index at end of book  
**ALLIS-CHALMERS MFG. CO.** (Bolting), Milwaukee, Wis.  
See adv index at end of book  
Bauer Bros. Co., Bauer bldg, Springfield, O.  
Wolf Co., Chambersburg, Pa.

**12260a— Reels (Chalk & Masons' Line)**

Beall Bros., Alton, Ill.  
Bliss R. Mfg. Co. (J. H. O'Neil, Jr., Successor), Pawtucket, R. I.  
See adv index at end of book  
Sandusky Tool Co., Sandusky, O.  
Stanley Rule & Level Co., New Britain, Conn.  
Union Hardware Co., Torrington, Conn.

**12261— Reels (Clothes Line)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Feeney Mfg. Co. ("Star" & "Handy"), Muncie, Ind.  
Forsyth Metal Goods Co., E. Aurora, N. Y.  
Gehl Bros. Mfg. Co., West Bend, Wis.  
Gem Mfg. Co. (Also Tighteners), North Girard, Pa.  
Glendale Mfg. Co. (Indoor), 1 Madison av., New York  
Hugro Mfg. Co. ("Blue Bird," "Peerless" Outdoor), 327 S La Salle, Chicago, Ill.  
Loetscher-Ryan Mfg. Co. (Revolving Iron Centers), Dubuque, Ia.  
Palmer W. M. Mfg. Co. ("Reel-Z-Up," for Kitchen & Laundry), 42 B'way, New York  
Patent Novelty Co. (Kitchen), Fulton, Ill.  
Republic Mfg. Co. (Revolving Iron), Milwaukee, Wis.

Sommer John Faucet Co., 355 Central av., Newark, N. J.  
Specialty Mfg. Co. ("Tightlock"), St. Anthony Park, Minn.  
Swett A. L. Iron Works, Medina, N. Y.

**Reels (Fire Hose)**

See Reels & Racks, Fire Hose

**12262— Reels (Fishing)**

Benjamin-Sellar Mfg. Co. ("Benjamin Thumey") 559 Quincy, Chicago, Ill.  
Enterprise Mfg. Co. ("Pfueger"), Akron, Ohio  
Estes E. B. & Sons, 358 5th av., New York. See adv index at end of book  
Hendryx Andrew B. Co., New Haven, Conn.  
Horrocks-Ibbotson Co. ("Y. & E." Automatic) Utica, N. Y.  
Meek B. F. & Sons ("Meek," "Blue Grass"), Louisville, Ky.  
Meisselbach A. E. & Bros. ("Meisselbach" Automatic, "Takapart," "Tripart," "Free Spool," "Neptune," "Metal," "Good Luck," "Wood," "Amateur," "Good Luck," "Expert," "Allright," "Featherlight," "Zephyr," etc), 29 Congress, Newark, N. J.  
Milam B. C. & Son, Frankfort, Ky.  
Montague City Rod Co., Montague City, Mass.  
Orvis Chas. F., Manchester, Vt.  
Redifor Rod & Reel Co. ("Redifor"), Warren, O.  
Reisner W. H. Mfg. Co., Hagerstown, Md.  
Sommer John Faucet Co., 355 Central av., Newark, N. J.  
South Bend Bait Co. (Anti-Back Lash), South Bend, Ind.  
Stockford Reel Co., 330 W. Kinzie, Chicago, Ill.  
Vom Hofe Edward & Co., 112 Fulton, New York  
Vom Hofe Julius, 351 S 5th, Brooklyn, N. Y.

**12263—Reels (Garden Hose)**

Berger Specialty Mfg. Co. ("Berger" All Steel), Richmond, Va.  
Cardington Cabinet Co. ("Ideal" Steel, "Buckeye" & "Cardington" Metal, "Ohio," "Sterling," "Crescent," "Perfection," "Excelsior," "Acme" Wood), Cardington, O.  
Celina Specialty Co. (Wooden), Celina, O.  
Independent Register & Mfg. Co. (Metal), Cleveland, O.  
McKinnon Dash Co. (All Steel), Buffalo, N. Y.  
Majestic Co., Huntington, Ind.  
Specialty Mfg. Co. (Detachable), St. Anthony Park, Minn.  
Spray Eng'g Co. ("Simplex"), 93 Federal, Boston, Mass.  
Steele-Alderfer Co., Cuyahoga Falls, O.  
Steinfeld Bros. (Wood), 116 W 32d, New York  
Toledo Metal Wheel Co. (Metal), Toledo, Ohio  
Union Mfg. & Lumber Co. (Wooden), Northville, Mich.  
Whitehurst R. W. Mfg. Corp. (Wooden), Norfolk, Va.  
Wirt & Knox Mfg. Co. ("Wirt's"), 23d & York, Phila., Pa.

**12264— \*Reels (Hexagon)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. See adv index at end of book  
Wolf Co., Chambersburg, Pa.

**12265—Reels (Leading Wire)**

**HERCULES POWDER CO.**, Wilmington, Del. See adv index at end of book

**12266— Reels (Leather)**

Stehling Chas. H. Co., 401 4th, Milwaukee, Wis.

**12267— Reels (Paper)**

Clark H. C. & Son Machine Co., Lee, Mass.  
Mossberg Frank Co. ("Mossberg," All Steel for Paper Mfrs), Attleboro, Mass.

**12268—Reels (Payout & Take-Up)**

Columbus Handle & Tool Co., Columbus, Ind.  
Dicke Tool Co. ("Wasson"), Downers Grove, Ill.  
Klein Mathias & Sons ("Eichhoff"), 562 W Van Buren, Chicago, Ill.



Meckel Fred L., 11 E 13th, Chicago, Ill.  
Nagel W. G. Electric Co. ("Ready"), Toledo, O.  
Oshkosh Mfg. Co. (Folding), Oshkosh, Wis.  
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.  
Waldman John J., 136 Liberty, New York  
Wasson Reel Co., Clinton, Ill.  
Woonsocket Shuttle Co., Woonsocket, R. I.

### 12269—Reels (Pressed Steel)

American Pulley Co., 4200 Wiesahickon av, Phila., Pa.  
Mossberg Frank Co. (For Wire & Chain Manufacturers), Attleboro, Mass.

### 12270—Reels (Sand)

Chrisman-Goodwin Foundry Co. (Iron & Wood), Morgantown, W. Va.  
Massey Packer & Machine Works ("Jackson"), Butler, Pa.

### 12271—Reels (Scalping)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*  
Barnard & Leas Mfg. Co., Moline, Ill.

### 12272—Reels (Sheet Steel)

Stirrup Mfg. Co. (For Moving Picture Machines), 257 Greenwich, New York

### 12273—Reels (Sifter Bolting)

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*  
Barnard & Leas Mfg. Co., Moline, Ill.  
Brown A. & F. Co., 79 Barclay, New York  
Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
Wolf Co., Chambersburg, Pa.

### 12274—Reels (Tennis Post)

Spaulding A. G. & Bros., 126 Nassau, New York

### 12275—Reels (Wire)

Avoca Mfg. Co., Avoca, N. Y.  
Klein Mathias & Sons ("Eichhoff," Line Builders), 562 W Van Buren, Chicago, Ill.  
Koegel Chas. & Sons, Holyoke, Mass.  
Lamoreaux Milton S. (For Barb Wire), 10 S La Salle, Chicago, Ill.  
Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.  
Nilson A. H. Machine Co., (Tilting & Stationery), Bridgeport, Conn.  
SHUSTER F. B. CO. (Adjustable), Cedar Hills, New Haven, Conn.  
*See adv index at end of book*  
Spicer Mfg. Co., New Philadelphia, O.  
Wasson Reel Co. ("Wasson"), Clinton, Ill.

### 12276—Reels (Wire Mill)

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.  
Morgan Construction Co., Worcester, Mass.  
Mossberg Frank Co. ("Mossberg" Stamped Steel), Attleboro, Mass.  
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York  
Nilson A. H. Machine Co., Bridgeport, Conn.  
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

### 12277—\*Reels (Wood)

Estes E. B. & Sons (Braid, Clothes Line, Rope, etc), 358 5th av, New York  
*See adv index at end of book*

### 12278—Reels & Racks (Fire Hose)

Allen W. D. Mfg. Co. ("Bowes," "Dewey," "Hartford" Racks, & "Ryerson" Reels), 570 Lake, Chicago, Ill.  
American Fire Apparatus Co., 30 E 42d, New York  
Celina Specialty Co., Celina, O.  
Clay John H. (Swinging), 1320 Ridge av, Phila., Pa.  
Cliff & Guibert Co. ("A. B. C.," "Guibert"), 460 B'way, New York  
Elkhart Brass Mfg. Co. ("Elk," Hose Racks, "Elkhart" Swinging Hose Reels), Elkhart, Ind.  
Harker Mfg. Co. ("Queen"), 410 Pearl, Cincinnati, O.

Hayward S. F. & Co. (Fire Hose), 250 W 54th, New York

Howard H. J. M. Mfg. Co. ("Howard's" Swinging), 150 Pierce N W, Washington, D. C.

Howe Engine Co., Indianapolis, Ind.  
Jiffy Fire Hose Rack Co. ("Jiffy" Fire Hose Racks), 727 7th av, New York  
Manhattan Rubber Mfg. Co. (Swinging), Passaic, N. J.

Nuhring Chas. & Bro. ("Safety" Swinging & Automatic Racks), 1212 Walnut, Cincinnati, O.

Prospect Mfg. Co., Prospect, O.  
Revere Rubber Co. ("Schenck"), 60 High, Boston, Mass.

Rex-Harris Fire Appliance Co., 39 E 19th, New York

Simmons John Co. ("Yale" Reel), 110 Centre, New York

Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
Wirt & Knox Mfg. Co. ("Hump," "Royal," "Wirt's," "Eclipse," "Angle"), 23d & York, Phila., Pa.

### Reflectors (Electric Light)

*See Shades & Reflectors; also Reflectors, Various Kinds*

### 12279—Reflectors (Enameled Iron)

Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.  
Enamel Products Co. (Electric Reflectors), Cleveland, O.  
GEUDER, PAESCHKE & FREY CO. (Also Japanned), Milwaukee, Wis.  
*See adv index at end of book*

### 12280—Reflectors (Enameled Steel)

Adams-Bagnall Electric Co. (For Industrial Lighting), Cleveland, O.

### 12281—Reflectors for Churches, Halls, Etc.

American Reflector & Lighting Co., 517 W Jackson blvd, Chicago, Ill.  
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
Boesch Lamp Co., 962 Mission, San Francisco, Cal.  
Dayton Mfg. Co., Dayton, O.  
Frink I. P., 24th & 10th av, New York  
Gillinder & Sons (Glass), State & Devereaux, Philadelphia, Pa.  
Gleason E. P. Mfg. Co., 37 Murray, New York  
Kraushaar Brass Mfg. Co., 1112 Market, St. Louis, Mo.  
Mitchell Vance Co., 507 W 24th, New York  
National X-Ray Reflector Co., 235 W Jackson blvd, Chicago, Ill.  
Nelitte Works ("Holophane" Glass), Cleveland, O.  
Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.  
Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.

### Reflectors (Glass & Porcelain)

*See Shades & Reflectors, Glass & Porcelain*

### 12282—Reflectors (Half Incandescent Lamp)

National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.

### Reflectors (Metallic)

*See Shades & Reflectors, Metallic*

### Reflectors (Mirror)

*See Shades & Reflectors, Mirror*

### 12283—Reflectors (Show Case)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
Multi-Lux Illuminating Co., 6712 Union av, Cleveland, O.  
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.  
Reflector & Hardware Specialty Mfg. Co., 2285 S Western av, Chicago, Ill.  
Straight Filament Lamp Co., 42 E 23rd, New York

### 12284—Reflectors (Steel)

Nelitte Works ("Holophane"), Cleveland, O.

### 12285—Reflectors (Tungsten Lamp)

Gill & Co. ("Gill"), E. York & Thompson, Phila., Pa.

### 12286—Reflectors (Window)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
Frink I. P., 24th & 10th av, New York  
National X-Ray Reflector Co., 233 W Jackson blvd, Chicago, Ill.  
Straight Filament Lamp Co., 42 E 23d, New York

### 12287—Reflectoscopes

Thompson Albert T. & Co., 15 Tremont pl, Boston, Mass.

### 12288—Refractometers

Bausch & Lomb Optical Co. ("Zeiss," "Abbe"), Rochester, N. Y.  
Eberbach & Son Co., Ann Arbor, Mich.

### 12289—Refrigerating Apparatus (Electric)

Brunswick Refrigerating Co., New Brunswick, N. J.  
Schwenken W. M., 342 E 92d, New York

### 12290—Refrigerators

Alaska Refrigerator Co. ("Ford" Opal Glass, etc), Muskegon, Mich.  
Arlington Refrigerator Co. ("Arco" & "Berkshire"), Arlington, Va.  
Baldwin Refrigerator Co., Burlington, Vt.  
Banta & Bender Co., Ligonier, Ind.  
Belding-Hall Co., Belding, Mich.  
Bouchard John & Sons Co., Nashville, Tenn.  
Brecht Co., 1201 Cass av, St. Louis, Mo.  
Brunswick-Balke-Collender Co., 629 South Wabash av, Chicago, Ill.  
Challenge Refrigerator Co. ("Challenge Iceberg," "Triumph," "Grand"), Grand Haven, Mich.  
Chryster & Koppin, 819 Warren av, Detroit, Mich.  
Cincinnati Butchers' Supply Co. (Chinalin-Lined), 1976 Central av, Cincinnati, O.  
Cleveland Store Fixture Co., Cleveland, O.  
Cold Storage Refrigerator Co., Eau Claire, Wis.  
Cooper & McKee, 119 Lorimer, Brooklyn, N. Y.  
Dillingham Mfg. Co., Sheboygan, Wis.  
Eddy D. & Sons Co., 336 Adams, Boston, Mass.  
Ehrlich H. & Sons, St. Louis, Mo.  
Ehlers Robt. J. Co., 125 E 46th, New York  
Excelsior Stove & Mfg. Co., (Also Ice Chests), Quincy, Ill.  
Fort Smith Refrigerator Works, Fort Smith, Ark.  
Fremont Mfg. Co., Fremont, Neb.  
Gibson Refrigerator Co., Greenville, Mich.  
Grand Rapids Refrigerator Co., Grand Rapids, Mich.  
Gurney Refrigerator Co. ("Athermos" All-Steel), Fond du Lac, Wis.  
Hall A. D. & Son, 33 Spice, Boston, Mass.  
Heinz & Munschauer ("Zero," "Buffalo," "Polar"), Buffalo, N. Y.  
Herrick Refrigerator & Cold Storage Co. (Grocery, Hotel, Restaurant & Florists), Waterloo, Ia.  
Herrmann H. Furniture Co., 368 Broome, New York  
Hill C. V. & Co., Trenton, N. J.  
Illinois Refrigerator Co., Morrison, Ill.  
Jewett Refrigerator Co., Buffalo, N. Y.  
Jointless Refrigerator Mfg. Co. (Seamless White Interior), Milwaukee, Wis.  
Knoell John & Sons, 179 Jefferson, Phila., Pa.  
Koch Butcher Supply Co., Kansas City, Mo.  
Koehler & Henrichs, St. Paul, Minn.  
Liver C. B. & Co., Omaha, Neb.  
Lorillard Refrigerator Co., 25 W 32d, New York  
McCray Refrigerator Co. (Porcelain, Glass, Wood & Enamel Lined), Kendallville, Ind.  
McKee Refrigerator Co., 119 Lorimer, Brooklyn, N. Y.  
Mace L. H. & Co., 15 E 32d, New York  
Maine Mfg. Co., Nashua, N. H.  
Metal Stamping Co. (Metal) Jackson, Mich.  
Miller Mfg. Co. (Sectional), 1104 Pine, St. Louis, Mo.  
Monroe Refrigerator Co. (Porcelain), 51 Beaver, Lockland, O.



National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.  
 Niagara Refrigerator Works ("Niagara," "Erie"), 22 Randall, Buffalo, N. Y.  
 Northern Refrigerator Co. ("Glacier," "Furniture City"), Grand Rapids, Mich.  
 Odorless Refrigerator Co., Chattanooga, Tenn.  
 Omaha Fixture & Supply Co., Omaha, Neb.  
 Ranney Refrigerator Co., Greenville, Mich.  
 Rhinelander Refrigerator Co. ("Xyno," "Stone Lined"), Rhinelander, Wis.  
 Russ Co. (Beer & Liquor), 5700 Wolworth av, Cleveland, O.  
 Seeger Refrigerator Co. ("Seeger" Dry Air Siphon System), Arcade & Wells, St. Paul, Minn.  
 Seidel Furniture Mfg. Co., 516 Barracks, New Orleans, La.  
 Shirk Refrigerator Co., 116 S Michigan av, Chicago, Ill.  
 Steinfeld Bros., 116 W 32nd, New York  
 Stevens Benj. A. Co., Toledo, O.  
 Success Mfg. Co. (All Steel), Gloucester, Mass.  
 Syracuse Heater Co. ("Interchil"), Syracuse, N. Y.  
 Traverse City Refrigerator Co. (Automobile), Traverse City, Mich.  
 Vogt Peter A. Mfg. Co., 24 Evans, Buffalo, N. Y.  
 Walrus Mfg. Co., Decatur, Ill.  
 Western Cabinet & Fixture Mfg. Co., 21st & Harrison, Kansas City, Mo.  
 White Enamel Refrigerator Co., St. Paul, Minn.  
 White Frost Refrigerator Co., Jackson, Mich.  
 Wisconsin Refrigerator Co., Eau Claire, Wis.

### 12291—Refrigerators (Dining Car, Etc.)

Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.  
 Seeger Refrigerator Co. ("Seeger" Dry Air Siphon System), Arcade & Wells, St. Paul, Minn.  
 White Enamel Refrigerator Co. ("Bohn"), St. Paul, Minn.

### 12292—Refrigerators (Iceless)

Metal Barrel Co. ("W.-M."), Galesburg, Ill.

### Refrigerators (Metal)

See Refrigerators, etc.

### 12293—Refrigerators (Nursery)

Chandlee H. P. Sons Co., 114 W Lombard, Baltimore, Md.

### Refrigerators (Steel)

See Refrigerators, etc.

### 12294—Refrigerators & Cooling Rooms

Alaska Refrigerator Co., Muskegon, Mich.  
 Baldwin Refrigerator Co., Burlington, Vt.  
 Brecht Co. (Portable), 1201 Cass av, St. Louis, Mo.  
 Cooper Madison Co. (Refrigerating Architects & Engineers), Calcium, N. Y.  
 Cooper & McKee, 119 Lorimer, Brooklyn, N. Y.  
 Elkins Refrigerator & Fixt. Co., Elkins, W. Va.  
 Ft. Smith Refrigerator Works, Ft. Smith, Ark.  
 Gloekler Bernard Co., (Refrigerators Only), 1127 Penn av, Pittsburgh, Pa.  
 Grand Rapids Refrigerator Co., Grand Rapids, Mich.  
 Gurney Refrigerator Co., Fond du Lac, Wis.  
 Heinz & Munschauer, Buffalo, N. Y.  
 Illinois Refrigerator Co., Morrison, Ill.  
 Jewett Refrigerator Co., Buffalo, N. Y.  
 Lorillard Refrigerator Co., 25 W 32d, New York  
 McCray Refrigerator Co. (All Sizes & Constructions), Kendallville, Ind.  
 Maine Mfg. Co., Nashua, N. H.  
 Miller Mfg. Co., 1104 Pine, St. Louis, Mo.  
 National Refrigerator & Fixture Co. ("Airtite") 8th & Park av, St. Louis, Mo.  
 Northey Mfg. Co., Waterloo, Ia.  
 Ranney Refrigerator Co., Greenville, Mich.

Ridway Refrigerator Co., 3519 N Lawrence, Phila., Pa.  
 St. Louis Butchers' Supply Co., 1543 N 15th, St. Louis, Mo.  
 Schwenger-Klein Co., 515 Woodland av, Cleveland, O.  
 Stevens B. A. Co., Toledo, O.  
 White Enamel Refrigerator Co. ("Bohn" Syphon System for Refrigerator & Dining Cars), St. Paul, Minn.  
 Wisconsin Refrigerator Co., Eau Claire, Wis.  
 Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

### 12295—Refrigerators & Cooling Rooms (Glass Lined)

Alaska Refrigerator Co., Muskegon, Mich.  
 Baldwin Refrigerator Co., Burlington, Vt.  
 Bouchard John & Sons Co., Nashville, Tenn.  
 Brecht Co., 1201 Cass av, St. Louis, Mo.  
 Cooper & McKee (Opalite), 113 Lorimer, Brooklyn, N. Y.  
 Ft. Smith Refrigerator Works, Fort Smith, Ark.  
 Heinz & Munchauer, Buffalo, N. Y.  
 Herrick Refrigerator & Cold Storage Co. (Family), Waterloo, Ia.  
 Jewett Refrigerator Co., Buffalo Co., N. Y.  
 Lorillard Refrigerator Co., 25 W 32d, New York  
 McCray Refrigerator Co. (Opal Glass Lined), Kendallville, Ind.  
 Northey Mfg. Co., Waterloo, Ia.  
 White Enamel Refrigerator Co., St. Paul, Minn.

### 12296—Refrigerators & Cooling Rooms (Tile Lined)

Bouchard John & Sons Co., Nashville, Tenn.  
 Brecht Co., 1201 Cass av, St. Louis, Mo.  
 Northey Mfg. Co., Waterloo, Ia.  
 Stevens Benj. A. Co., Toledo, O.  
 White Enamel Refrigerator Co., St. Paul, Minn.

### 12297—Regenerators (Ammonia)

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. See adv index at end of book

### 12298—Regenerators (Steam)

Ingersoll-Rand Co., 11 B'way, New York  
 See adv index at end of book  
 Kellogg M. W. Co. (Welded Steel), 90 West, New York  
 See adv index at end of book  
 Rateau Steam Regenerator Co. ("Rateau"), 90 West, New York  
 Ridgway Dynamo & Engine Co., Ridgway, Pa.  
 Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

### 12299—Registers (Autographic)

American Sales Book Co., Ltd. (Carter-Crume), Elmira, N. Y.  
 Autographic Register Co. ("Shoup's"), Hoboken, N. J.  
 Egly Register Co., Dayton, O.  
 Globe Register Co., 412 E 6th, Cincinnati, Ohio  
 Halner Bookkeeping Machine Co. ("Hainer," "Triplexograph"), 45 Willard av, Providence, R. I.  
 Hamilton Autographic Register Co., Hamilton, O.  
 International Time Recording Co. of New York, Endicott, N. Y.  
 Krauth & Benninghofen, Hamilton, O.  
 McCaskey Register Co., Alliance, O.  
 Standard Register Co., Callahan Power bldg, Dayton, O.  
 United Autographic Register Co., 556 W Jackson blvd, Chicago, Ill.

### 12300—Registers (Car Fare)

See Also Boxes, Fare

Benton Mfg. Co., 9 Bethune, New York  
 Bonham Recorder Co., Hamilton, O.  
 Dayton Fare Recorder Co., Dayton, O.  
 International Register Co. (Single & Double), 15 Throop, Chicago, Ill.  
 Jones Change Register Co., 18 B'way, New York  
 Ohmer Fare Register Co. (& Taximeters), Dayton, O.  
 Recording Register & Fare Box Co. (Tallying & Hand Tally), New Haven, Conn.

Recording & Computing Mach. Co., Dayton, O.  
 Rooke Automatic Register Co. ("Rooke," Automatic Hand), 17 Warren, Providence, R. I.  
 Woodman R. Mfg. & Supply Co. (Hand), 82 Sudbury, Boston, Mass.

### 12301—Registers (Cash)

Autographic Register Co. of San Francisco, 38 Clementina, San Francisco, Cal.  
 Brandt-Dent Co., Watertown, Watertown, Wis.  
 Michigan Cash Register Co., 85 Porter, Detroit, Mich.  
 National Cash Register Co., Dayton, O.  
 Standard Cash Register Co. (Autographic), North Manchester, Ind.

### 12302—Registers (Cash & Credit Autograph)

Cashier Cash Register Co. ("Cashier"), Los Angeles, Cal.

### 12303—\*Registers (Engine)

SCHAEFFER & BUDENBERG MFG. CO. (Round Case), Berry & S 5th, Brooklyn, N. Y. See adv index at end of book

### 12304—Registers (Grain)

Advance Thresher Co., Battle Creek, Mich.  
 Huber Mfg. Co., Marion, O.  
 Nichols & Shepard Co., Battle Creek, Mich.  
 Nordyke & Marmon Co., Indianapolis, Ind.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.

### 12305—Registers (Hand Tally)

Benton Mfg. Co., 9 Bethune, New York  
 Pratt & Whitney Co., Hartford, Conn.  
 Woodman R. Mfg. & Supply Co. 82 Sudbury, Boston, Mass.

### 12306—Registers (Hospital)

Universal Register Co., 226 W Ontario, Chicago, Ill.

### 12307—Registers (Hot Air)

Auer Register Co., 403 Long av, N W, Cleveland, O.  
 Barber Mfg. Co., Ashtabula, O.  
 Best Register Co., 15th & Oklahoma av, Milwaukee, Wis.  
 Chicago Hdw. Fdry. Co., 546 W Washington, N Chicago, Ill.  
 Columbian Hardware Co. ("Tube" Wrought Steel), Cleveland, O.  
 Detroit Register Co., Detroit, Mich.  
 Devlin Thos. Mfg. Co., Lehigh av & 3d, Phila., Pa.  
 Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.  
 Ferrosteel Co., 4251 Prospect av, N. W, Cleveland, O.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Hart & Cooley Co. (Wrought Steel), New Britain, Conn.  
 Hess-Snyder Co. ("Snyder's"), Massillon, O.  
 Highton Wm. & Sons Co. ("Highton," "O. K.," "New Sanitary," "Keystone"), Nashua, N. H.  
 Independent Register & Mfg. Co., Cleveland, Ohio  
 International Heater Co., Utica, N. Y.  
 Keith Furnace Co., Des Moines, Ia.  
 Loetscher-Ryan Mfg. Co. ("Duquesne" Side Wall), Duquesne, Ia.

### MERCHANT & EVANS CO., 2035 Washington av, Philadelphia, Pa.

See adv index at end of book  
 Mueller L. J. Furnace Co. (Steel & Cast Iron, Wall & Floor), Milwaukee, Wis.  
 Osborn J. M. & L A Co., Cleveland, O.  
 Phila. Hdw. & Mall. Iron Works ("Colonial"), 9th & Jefferson, Phila., Pa.  
 Portland Stove Foundry Co., Portland, Me.  
 Quaker Mfg. Co., 180 N Dearborn, Chicago, Ill.  
 Rhodes Mfg. Co., Grand Rapids, Mich.  
 Rock Island Register Co. ("Burgess"), Rock Island, Ill.  
 Standard Fdry. & Mfg Co., Cleveland, O.  
 Stearns Register Co., 111 Fort, E, Detroit, Mich.  
 Stover Mfg Co. ("Ideal"), Freeport, Ill.  
 Symonds Register Co. (Wall), St. Louis, Mo.  
 Syracuse Wire Works (Wire), Syracuse, N. Y.



Tuttle & Bailey Mfg. Co. (Cast Iron, also Wrought Steel), 52 Vanderbilt av, New York  
 Union Furnace Mfg. Co., Union Furnace, Pa.  
 U. S. Register Co., Ltd. ("Jones" Side Wall Ventilating, "National," "U. S." Wood), Battle Creek, Mich.  
 Walworth Run Foundry Co. (Semi-Steel), Cleveland, O.  
 Waterloo Register Co., Waterloo, Ia.  
 Westwick John & Son, Galena, Ill.

### 12308—Registers (Hot Water)

Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.

### 12309—Registers (Pressure, for Gas Works)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

### 12310—Registers (Rain, Sewer & Depth)

Ulmer J. C. Co., Cleveland, O.

### 12311—Registers (Stove Pipe)

Adams Co., Dubuque, Ia.  
 Loetscher-Ryan Mfg Co., Dubuque, Ia.  
 Stover Mfg. Co., Freeport, Ill

### 12312—Registers (Water Stage)

See Recorders, Water Level

### 12313-4—Regulators (Air)

Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 Lytton Mfg. Corp. ("Lytton"), Franklin, Va.  
**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 Try-Me Mfg. Co. (Pressure), Springfield, Conn.

### Regulators (Automatic Electric Heat)

See Regulators, Heat

### 12315—\*Regulators (Blower, Electric)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### Regulators (Boiler Feed)

See Regulators, Feed Water

### 12316—Regulators (Carbonic Gas)

Bastian-Blessing Co. (High & Low Pressure), 125 W Austin av, Chicago, Ill.

### 12317—Regulators (Cold)

Baker Ice Machine Co. (For Regulating Cold Storage Room Temperatures), Omaha, Neb.

### 12318—\*Regulators (Compressor, Electric)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

### 12318a—\*Regulators (Constant Current)

Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.  
*See adv index at end of book*

### 12319—Regulators (Controller Electric Railway)

Lord Mfg. Co. ("Con-tro-la-tor"), 105 W 40th, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 12320—Regulators (Damper)

See also Regulators, Furnace; also Regulators, Pressure  
 Acton John ("Spencer," Pattern), 118 John, Brooklyn, N. Y.  
 American District Steam Co., North Tonawanda, N. Y.  
 Atwood & Morrill ("XX Century"), 8 Dodge, Salem, Mass., & 136 Liberty, New York  
 Berry Engineering Co. ("Berry"), Chester, Pa.  
 Burrows Mfg. Co. (Automatic), York, Pa.  
 Coppers Equipment & Engineering Co. ("Coppers"), Worcester, Mass.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.  
 d'Este Julian Co. ("Curtis"), Boston, Mass.  
 Diamond Power Specialty Co. ("Diamond"), Detroit, Mich.  
 Draft Regulator Co., Grosvenor bldg, Providence, R. I.  
 Ford Thos. P. Co., 407 Broome, N. Y.  
 Foskett & Bishop Co. ("Clark"), New Haven, Conn.  
 Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.  
 Garrett W. D. & Co. ("Locke," "Spencer" Type), 136 Liberty, New York  
**GODFREY-KEELER CO.**, 70 Warren, New York *See adv index at end of book*  
 Hess & Barker ("Kellum" Improved), 236 S 8th, Philadelphia, Pa.  
 Highton Wm. & Sons Co., Nashua, N. H.  
 Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.  
 Honeywell Heating Specialty Co. ("Honeywell," Automatic), Wabash, Ind.  
 Keeble Alex. K., Lawrence, Mass.  
 Kellogg-Mackay Co. (For Steam & Hot Water), 403 W 18th, Chicago, Ill.  
 Kelly & Jones Co. (Low Pressure & "Clarks" High Pressure), 135 Water, Pittsburgh, Pa.  
 Kieley & Mueller (Improved "Climax"), 34 W 13th, New York  
 Klipp S. C. Jr. & Son, Ossining, N. Y.  
 Kitts Mfg. Co. (Steam Boilers), Oswego, N. Y.  
 Kitts Steam Specialty Co., Oswego, N. Y.  
 Klipfel Mfg. Co., 2651 W Harrison, Chicago, Ill.  
 Lawler Regulator Co. (Hot Water), 55 W Houston, New York  
 Locke Regulator Co. (Steam), Salem, Mass.  
 McDonough Automatic Regulator Co. ("McDonough" Automatic High & Low Pressure), 716 Grand River, Detroit, Mich.  
 McNab & Harlin Mfg. Co. (Low Pressure), 55 John, New York  
**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
**NASON MFG. CO.** (Low Pressure), 71 Fulton, New York  
*See adv index at end of book*  
 National Regulator Co., ("Metaphram"), 208 S Jefferson, Chicago, Ill.  
 Newbury J. H. (Low Pressure), Goshen, N. Y.  
 Newbury Mfg. Co. (Low Pressure), Monroe, N. Y.  
 Parker Supply Co. (Damper Quadrant), 785 E 135th, New York  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Powers Regulator Co., 5 S Wabash, Chicago, Ill.  
 Robertson Jas. L. & Son, 78 Murray, New York  
 Rutzler Enoch Co. ("Clarke's" Pressure), 404 E 49th, New York  
 Spencer Regulator Co., Salem, Mass.  
 Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York  
 Stillman Carmichael Co. ("Stillman-Carmichael"), 19 Pearl, Boston, Mass.  
 Taylor Instrument Cos. ("Tycos"), Rochester, N. Y. *See adv index at end of book*  
 Thompson Richard & Co. ("Thompson" High or Low Pressure), 126 Liberty, New York  
 Turner Heating Co., 143 Eddy, Providence, R. I.  
 Watts Regulator Co. ("The Watts Lawrence"), Lawrence, Mass.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
 Wing L. J. Mfg. Co. ("Wydawake"), 352 W 13th, New York

### 12321—\*Regulators (Dynamo Field)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 12322—\*Regulators (Electric Fan)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### Regulators (Electric Pump)

See Governors, Electric Pump

### 12323—Regulators (Exhaust Pressure)

**LUNKENHEIMER CO.** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*

### 12324—Regulators (Fan Engine)

Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.  
 Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.  
 Foster Engineering Co., 109 Monroe, Newark, N. J.  
 Garrett W. D. & Co., 136 Liberty, New York  
 Kitts Mfg. Co., Oswego, N. Y.  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 Nason Fred W. Co., 39 Cortlandt, New York  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.  
 Standard Regulator Co. ("Victor"), 90 West, New York  
 Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av N W, Cleveland, O.  
 Watson & McDaniel Co. (For Steam, Water & Air), 146 N 7th, Phila., Pa.  
 Watts Regulator Co. ("Watts"), Lawrence, Mass.  
 Ziermore Regulator Co. ("Ziermore"), Johnsonburg, Pa.

### 12325—Regulators (Feed Water)

See also Governors, Pump

Berry Engineering Co. ("Berry"), Chester, Pa.  
 Bordo L. J. Co. ("Bordo" Feed Water Governor), 12th & Thompson, Phila., Pa.  
 Boston Steam Specialty Co., 322 A, Boston, Mass.  
 Burrows Mfg. Co. ("Burrows"), York, Pa.  
 Chaplin-Fulton Mfg. Co. ("Vigilant"), Pittsburgh, Pa.  
 Defender Automatic Regulator Co., Oriol bldg, St. Louis, Mo.  
 Elliott Co. ("Liberty"), Pittsburgh, Pa.  
 Erie Pump & Equipment Co. ("Copes" Boiler Feed), Erie, Pa.  
 Fogarty James H. ("Fogarty-Thoens"), 126 Liberty, New York  
 Ford Thos. P. Co., 407 Broome, New York  
 Foster Engineering Co. (Automatic), 109 Monroe, Newark, N. J.  
 Foster F. W. Mfg. Co. ("Nev-R-Lek"), Boston, Mass.  
 Kitts Mfg. Co. (Safety), Oswego, N. Y.  
 Knapp Bros. Mfg. Co. ("Knapp's" Automatic, for Boiler Feed Pumps), 2419 W 14th, Chicago, Ill.  
 Locke Regulator Co., Salem, Mass.  
 McCrea Jas. & Co. ("Rowe"), 562 W Washington, Chicago, Ill.  
 McDonough Automatic Regulator Co. ("McDonough" Auxiliary & Safety), 716 Grand River, Detroit, Mich.  
 Murray Specialty Mfg. Co. ("Murray"), 97 Woodbridge, W. Detroit, Mich.



## "S-C" Pump Governors

"S-C" Continuous Feed Water Regulators

"S-C" Relief Valves

"S-C" Balanced Float Valves

"S-C" Gauge Cocks

### BRASS AND BRONZE CASTINGS

# The "S-C" Regulator Company, Fostoria, Ohio, U. S. A.

**"S-C." REGULATOR MFG. CO.** ("S-C.")  
Water Level Regulators Continued,  
Fostoria, O. *See adv index at end of book*

**Squires C. E. Co.**, Cleveland, O.  
**Steigert L. Co.** (Automatic), Logan &  
Elder, Cincinnati, O.  
**Strong, Carlisle & Hammond Co.**, 336  
Frankfort av N W, Cleveland, Ohio  
**Tagliabue C. J. Mfg. Co.**, 18 33d, Brook-  
lyn, N. Y.  
**Watts Regulator Co.** ("Watts"), Law-  
rence, Mass.  
**Weld Geo. A. Co.**, 79 Milk, Boston, Mass.  
**Williams Gauge Co.** ("Williams," Auto-  
matic Safety), 545 4th av, Pittsburgh,  
Pa.  
**Wiltbonco Mfg. Co.**, 10 P. O. sq, Boston,  
Mass.  
**Wing L. J. Mfg. Co.** ("Watch Dog"), 352  
W 13th, New York  
**Witt G. E. Co.**, 862 Howard, San Fran-  
cisco, Cal.  
**Ziernore Regulator Co.** ("Ziernore"),  
Johnsonburg, Pa.

#### 12326—\*Regulators (Feeder Volt- age)

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
**Westinghouse Electric & Mfg. Co.**, East  
Pittsburgh, Pa.  
*See adv index at end of book*

#### 12327—Regulators (Flush Tank)

**Modern Iron Works** ("IXL"), Quincy, Ill.

#### 12328—Regulators (Fuel, Oil or Gas)

**Chaplin-Fulton Mfg. Co.** (Boiler Fuel),  
34 Penn av, Pittsburgh, Pa.  
**MASON REGULATOR CO.** ("Mason"),  
1192 Adams, Boston, Mass.  
*See adv index at end of book*  
**Rockwell W. S. Co.**, 50 Church, New York  
*See adv index at end of book*  
**Ziernore Regulator Co.** ("Ziernore"),  
Johnsonburg, Pa.

#### 12329-30—Regulators (Furnace)

**BRISTOL CO.** ("Bristol" Gas), Waterbury,  
Conn. *See adv index at end of book*  
**Farquhar Furnace Co.** ("Farquhar"), Wil-  
mington, O.  
**Kees F. D. Mfg. Co.** ("Kees," "Fuel-  
saver"), Beatrice, Neb.  
**Lawler Regulator Co.**, 55 W Houston, New  
York  
**Quaker Mfg. Co.** (Furnace Time Regu-  
lators), 180 N Dearborn, Chicago, Ill.  
**Ridgeway Furnace Co.**, 49 Beverly, Bos-  
ton, Mass.  
**Riverside Mfg. Co.**, 162 Riverside av, New-  
ark, N. J.  
**Rockwell W. S. Co.**, 50 Church, New York  
*See adv index at end of book*  
**Rowe L. L.**, 74 Portland, Boston, Mass.  
**Witt G. E. Co.**, 862 Howard, San Fran-  
cisco, Cal.  
**Woodward Frank E. & Co.** ("Fowler,"  
Automatic Draft Regulator for Fur-  
naces, Heaters, etc), Boston, Mass.

#### Regulators (Gas)

*See Regulators, Gas Pressure; also Gov-  
ernors, Gas*

#### 12331—Regulators (Gas Burner)

**Peck & Young Mfg. Co.**, Forestville, Conn.

#### 12332—Regulators (Gas Pressure)

**Bacharach Herman**, Pittsburgh, Pa.  
**Baylis Co.** ("Colonial"), Bloomfield, N. J.  
**Bishop-Babcock-Becker Co.** (Carbonic  
Acid), Cleveland, O.  
**Boyce Myron J.**, 1 Bethune, New York  
**Bryant Heater & Mfg. Co.** ("Bryant"),  
952 E 72nd, Cleveland, O.  
**Chaplin-Fulton Mfg. Co.** ("Fulton"), 34  
Penn av, Pittsburgh, Pa.  
**Equitable Meter Co.** ("Crawford" Sensi-  
tive), 424 1st av, Pittsburgh, Pa.  
**Evans Mfg. Co. (Ltd.)**, Butler, Pa.  
**Foster Engineering Co.**, 119 Monroe, New-  
ark, N. J.  
**Kilfilian F. C.**, Ebenezer, N. Y.  
**Hugo Mfg. Co.**, Duluth, Minn.  
**Illinois Engineering Co.** ("Eclipse"),  
5021 S State, Chicago, Ill.  
**Imperial Brass Mfg. Co.**, 524 S Racine av,  
Chicago, Ill. *See adv index at end of book*  
**Jacobson Machine Mfg. Co.**, Warren, Pa.  
**Lytton Mfg. Corp.** ("Lytton"), Franklin,  
Va.  
**Mason Regulator Co.** ("Mason"), 1192  
Adams, Boston, Mass.  
*See adv index at end of book*  
**Mueller H. Mfg. Co.**, Decatur, Ill.  
**Oil Well Supply Co.**, 215 Water, Pitts-  
burgh, Pa.  
**Perfect Gas Controller & Fixture Co.**,  
4046 S State, Chicago, Ill.  
**Powers Regulator Co.** (Natural Gas), 1 S  
Wabash, Chicago, Ill.  
**Reynolds Gas Regulator Co.** (Low Pres-  
sure for Natural Gas), Anderson, Ind.  
**Sprague Meter Co.**, Bridgeport, Conn.  
**Union Water Meter Co.**, Worcester, Mass.  
**Wright Geo. W.**, Lapel, Ind.  
**Ziernore Regulator Co.** ("Ziernore"),  
Johnsonburg, Pa.

#### 12333—\*Regulators (Generator Volt- age)

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*

#### 12334—Regulators (Heat)

*See also Thermostats*

**American Thermostat Co.** ("Marvel"),  
Elmira, N. Y.  
**Atwood & Morrill** ("XX Century"), 8  
Dodge, Salem, Mass.  
**Bartlett Bros. Co.** ("Thermograph"),  
Cleveland, O.  
**Beers Bros.**, Rochester, N. Y.  
**BRISTOL CO.** ("Bristol," Automatic),  
Waterbury, Conn.  
*See adv index at end of book*  
**Chicago Heat Regulator Co.** ("Chicago"),  
1801 Diversey Parkway, Chicago, Ill.  
**Dahl Mfg. Co.** ("Dahl-Mo-Stat"), Minne-  
apolis, Minn.  
**d'Este Julian Co.** ("Curtis" for Steam),  
Boston, Mass.  
**Electric Heat Regulator Co.** ("Minne-  
apolis"), 2753 4th av, S Minneapolis,  
Minn.  
**Fulton Co.** ("Ideal Sylphon"), Knoxville,  
Tenn.

**Geissinger Regulator Co.**, 203 Greenwich,  
New York

**Homan J. & E.**, 435 W B'way, New York  
**Illinois Malleable Iron Co.** ("Chicago"),  
1801 Diversey blvd, Chicago, Ill.

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**International Heater Co.**, Utica, N. Y.

**Jewell Mfg. Co.**, Auburn, N. Y.

**Johnson Heat Regulating Co.**, 106 N 10th,  
St. Louis, Mo.

**Johnson Service Co.** ("Johnson" System  
of Temperature Regulation), 153  
Michigan, Milwaukee, Wis.

**Klipfel Mfg. Co.** ("Swan"), 2651 W Har-  
rison, Chicago, Ill.

**Lawler Regulator Co.**, 55 W Houston, New  
York

**Leeds & Northrup Co.**, Stenton av, Gtn.,  
Phila., Pa.

**Locke Regulator Co.** ("Locke's" Office  
Heating), Salem, Mass.

**Mack Automatic Heat Regulator Co.** (Au-  
tomatic), Detroit, Mich.

**Mason Regulator Co.** ("Mason"), 1192  
Adams, Boston, Mass.

*See adv index at end of book*

**Minneapolis Heat Regulator Co.** ("Minne-  
apolis"), 2753 4th av S, Minneapolis,  
Minn.

**National Regulator Co.** (For Control of  
Dampers & Valves in a Heating Ap-  
paratus), 208 S Jefferson, Chicago, Ill.

**Powers Regulator Co.**, 5 S Wabash, Chi-  
cago, Ill.

**Sarco Engineering Co.** ("Sarco"), South  
Ferry bldg, New York

**Scientific Instrument Co.** (Automatic),  
Detroit, Mich.

**Taylor Instrument Cos.** ("Tycos"), Roch-  
ester, N. Y. *See adv index at end of book*

**Thermograde Valve Co.**, 247 Atlantic av,  
Boston, Mass.

**Weld Geo. A. Co.**, 79 Milk, Boston, Mass.

**Woodward Frank E. & Co.** ("Fowler"  
Automatic Draft Regulator), 19  
Friend, Boston, Mass.

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**12336—Regulators (Hydraulic)**

Heller-Aller Co., Napoleon, O.  
 Johnson Service Co. ("Johnson" Thermostat), 153 Michigan av, Milwaukee, Wis.  
 Locke Regulator Co., Salem, Mass.  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 Waters Governor Co., 141 Milk, Boston, Mass.

**12337—\*Regulators (Motor Speed)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**12338 \*Regulators (Oil)**

Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*

**12339-40—\*Regulators (Organ, Electric)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
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**12341—Regulators (Power, for Looms)**

Tillotson Humidifier Co. ("Gilson"), 78 Fountain, Providence, R. I.

**12342—Regulators (Pressure)**

Acton John, 118 John, Brooklyn, N. Y.  
 American District Steam Co. (Steam), North Tonawanda, N. Y.  
 American Steam Gauge & Valve Mfg. Co. ("American Universal" Safety Pressure & Speed), 208 Camden, Boston, Mass.  
 Belfield H. Co. (High & Low Pressure), 435 N Broad, Phila., Pa.  
 Boylston Steam Specialty Co. ("Boylston"), 116 W Illinois, Chicago, Ill.  
 Bridgeman Bros. Co., 1426 Washington av, Phila., Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Burrows Mfg. Co., York, Pa.  
 Burton & Johnson Co., 2301 Center av, Cleveland, O.  
 Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.  
 Chicago Automatic Switch Co., 212 N Peoria, Chicago, Ill.  
 Collins Mfg. Co. (Ltd.) ("Collins" Automatic Oil), 612 Chestnut, Phila., Pa.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**CUTLER-HAMMER MFG. CO.** (Electrically Operated Pressure Regulators for Use in Connection with Motor Driven Pumps & Air Compressors), 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.  
 d'Este Julian ("Curtis Steam"), 24 Canal, Boston, Mass.  
 Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.  
 Federal Brass Works, 3100 S Kedzie, Chicago, Ill.  
 Foster Engineering Co. (For Air, Ammonia, Steam, Gas, Oil, etc), 109 Monroe, Newark, N. J.  
 Gardner Governor Co. ("Gardner" Speed & Pressure), 14 Williamson, Quincy, Ill.  
 Garrett W. D. & Co. (Steam & Water) 136 Liberty, New York  
 Gilchrist Geo. E. Co. ("The Boston"), 106 High, Boston, Mass.  
 Hall Mfg. Co. ("Atlas"), Harrison, N. J.  
 Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.  
 Illinois Engineering Co., 5021 S State, Chicago, Ill.  
 Imperial Brass Mfg. Co. ("Imperial" for Automobile & Motor Boat), 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
 Janette Mfg. Co., 617 W Jackson blvd, Chicago, Ill.  
 Johnson Service Co. ("Johnson" Reducing Valves for Steam, Water, Gas & Air), 150 Michigan, Milwaukee, Wis.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Kleley & Mueller (Steam), 34 W 13th, New York  
 Kipp S. C. Jr. & Son, Ossining, N. Y.  
 Kitts Mfg. Co. (Steam Pressure), Oswego, N. Y.  
 Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.  
 Lawler Regulator Co., 55 W Houston, New York  
 Leslie Co. ("Leslie"), Lyndhurst, N. J.  
 Locke Regulator Co. ("New Era," Steam), Salem, Mass.  
**LUNKENHEIMER CO.** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Lytton Mfg. Corp. ("Lytton," for High & Low Pressure), Franklin, Va.  
**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 Mueller H. Mfg. Co. (Water, Steam, Gas, Oil, Air, Oxygen, etc), Decatur, Ill.  
 Nason Fred W. Co., 39 Cortlandt New York  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 Ohio Brass Co. ("Ohio" Brass), Mansfield, Ohio  
 Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.  
 Ross Valve Mfg. Co. ("Trojan" Air, Steam & Water), 9 Oakwood av, Troy, N. Y.  
*See adv index at end of book*  
 Scientific Instrument Co. (Automatic), Detroit, Mich.  
 Spencer Regulator Co. ("Spencer"), Salem, Mass.  
 Standard Regulator Co. ("Victor"), 90 West, New York  
 Strong Carlisle & Hammond ("Strong"), 336 Frankfort av N W, Cleveland, O.

Sundh Electric Co. ("Sundh," for Control of Pressure in Tanks, Reservoirs, etc by Motor Driven Apparatus), 550 W 23d, New York  
 Tagliabue Chas. J. Mfg. Co. (Automatic), 20 23d, Brooklyn, N. Y.  
**TAYLOR INSTRUMENT COMPANIES** ("Tycos"), Rochester, N. Y.  
*See adv index at end of book*  
 Thompson Richard & Co. ("Thompson" Combination Damper & Pressure Regulator), 126 Liberty, New York  
 Trask Heating Co., 4 Merrimac, Boston, Mass.  
 Try-Me Mfg. Co. (Water, Air & Gas), Springfield, Mass.  
 Union Water Meter Co., Worcester, Mass.  
 Waters Governor Co., 141 Milk, Boston, Mass.  
 Watson & McDaniel Co. ("Watson" for Steam, Water & Gas), 146 N 7th, Philadelphia, Pa.  
 Watts Regulator Co. ("Watts"), Lawrence, Mass.  
 Ziermore Regulator Co. ("Ziermore" Pressure Controlling), Johnsonburg, Pa.

**12343—Regulators (Pressure, for Cane Mills)**

Buchel Machine Works, New Orleans, La.

**Regulators (Pump)**

*See Governors, Pump*

**12344—\*Regulators (Rheostat)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Ward Leonard Electric Co., Bronxville, N. Y.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
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**12345—Regulators (Slasher)**

Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.  
 Locke Regulator Co., Salem, Mass.  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
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**Regulators (Speed)**

*See Controllers, Various Kinds; also Indicators, Various Kinds*

**12346—Regulators (Steam, Bakers' Oven)**

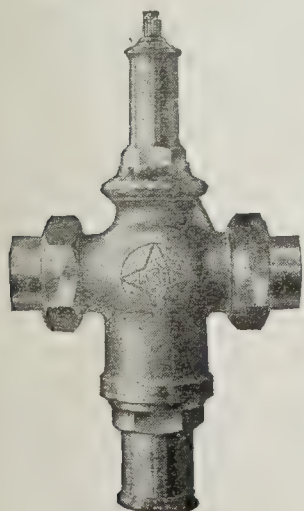
Eckel Hydrostat Co., 458 Mt. Elliott av, Detroit, Mich.

**Regulators (Steam Engine)**

*See Governors, Steam Engine*

**12347—Regulators (Steam Heat, for Train Service)**

Foster Engineering Co., 109 Monroe, Newark, N. J.  
 Locke Regulator Co., Salem, Mass.  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
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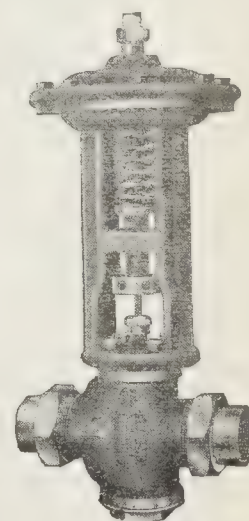
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**Regulators (Tank, Hot Water)**

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**12348—Regulators (Temperature)**

See also Regulators, Heat

American Radiator Co. ("Arco"), 820 S Michigan av, Chicago, Ill.

**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.

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Tagliabue C. J. Mfg. Co., 18 33d, Brooklyn, N. Y.

Yoder Thos. Mfg. Co., 5510 Walworth, Cleveland, O.

**12349—Regulators (Voltage)****ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. See adv index at end of book  
Portland Co. ("W. U. C."), Portland, Me.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**12350—Regulators (Water)**

American Radiator Co. ("Syphon," "Ideal Syphon" Steam &amp; Water), 820 S Michigan av, Chicago, Ill.

Eckel Hydrostat Co. (For Steam Boilers), 458 Mt. Elliott av, Detroit, Mich.

Merritt Hydraulics Co. ("Merritt-Moise," for Flushtanks for Sewers), 110 N Broad, Phila., Pa.

Strong, Carlisle &amp; Hammond Co., ("Strong"), 336 Frankfort av N W, Cleveland, O.

**12351—Regulators (Water Pressure)**

Atwood &amp; Morrill ("X X Century"), 8 Dodge, Salem, Mass., &amp; 136 Liberty, New York

Bishop-Babcock-Becker Co., Cleveland, O.  
Chamberlain J. H. D. Co. ("Chamberlain," "Cooper," "Van Wie"), Springfield, Mass.

Chapin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.

Clow Jas. B. &amp; Sons, Franklin &amp; Harrison, Chicago, Ill.

Cooper Sanitary Mfg. Co. ("Reliable"), 34th &amp; Chestnut, Phila., Pa.

Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.

d'Este Julian Co. ("Curtis"), 24 Canal, Boston, Mass.

Ford Thos. P. Co., 407 Broome, New York  
Foster Engineering Co., 109 Monroe, Newark, N. J.

Gardner Governor Co., 14 Williamson, Quincy, Ill.

Garrett W. D. &amp; Co., 136 Liberty, New York

Haydenville Co., Haydenville, Mass.

Kieley & Mueller, 34 W 13th, New York  
Locke Regulator Co. ("New Era"), Salem, Mass.

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.

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Mueller H. Mfg. Co., Decatur, Ill.

Powers Regulator Co., 5 S Wabash av, Chicago, Ill.

Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y. See adv index at end of book

Standard Sanitary Mfg. Co. ("No-Leak"), Bessemer bldg, Pittsburgh, Pa.

Thompson J. &amp; Co., Van Horn &amp; Sophia, Phila., Pa.

Union Water Meter Co., Worcester, Mass.

Watts Regulator Co. ("Watts"), Lawrence, Mass.

**Regulators (Water Wheel)**

See Governors, Water Wheel

**12352—Regulators (Windmill)**

Aermotor Co., 1146 S Campbell, Chicago, Ill.

Althouse-Wheeler Co., Waupun, Wis.

Baker Mfg. Co. ("Baker"), Evansville, Wis.

Celina Mfg. Co., Celina, O.

Challenge Co., Batavia, Ill.

Chicago Hardware Foundry Co., 546 W Washington, N Chicago

**DEMING CO.**, Salem, O.

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Dempster Mfg. &amp; Supply Co., Des Moines, Iowa

Flint &amp; Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Heller, Adler &amp; Co. (Hydraulic), Napoleon, Ohio

Hunt, Helm, Ferris &amp; Co. ("The Star" &amp; "Champion"), Harvard, Ill.

Kelly Foundry &amp; Machine Co., Goshen, Ind.

Mast, Foss &amp; Co., Springfield, O.

Myers F. E. &amp; Bro., (Myers) 800 Orange, Ashland, O. See adv index at end of book

Red Jacket Mfg. Co., Davenport, Ia.

Stover Mfg. Co., Freeport, Ill.

Walker Mfg. Co. ("Acme"), Council Bluffs, Iowa

Woodmanse Mfg. Co., Freeport, Ill.

**12353—Regulators (Window)**

Perfect Window Regulator Co. ("Perfect" for Autos, Carriages, Motor Boats, etc), 20 Exchange pl, New York

**12354-5—Reheaters (Air)**Ingersoll-Rand Co., 11 B'way, New York  
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Sterling Equipment Co. ("Sterling" Portable Oil Burning), 139 N Clark, Chicago, Ill.

**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler" Improved), Carteret, N. J. See adv index at end of book**Reinforcement (Concrete)**

See Concrete Reinforcing Bars, Iron &amp; Steel; also Concrete Reinforcing Materials

**12356—Relays for Electrical Contact**

American Model &amp; Instrument Co. ("Amico," Low Potential), Worcester, Mass.

Condit Electrical Mfg. Co. ("Condit"), 1st &amp; L, Boston, Mass.

Consolidated Car Heating Co., Albany, N.Y.

General Railway Signal Co., Rochester, N. Y.

Schweitzer &amp; Conrad, Inc. (Protective), 4431 Ravenswood av, Chicago, Ill.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

**12357—\*Relays (Magnetic)****HART MFG. CO.** ("Diamond H"), 231 Hamilton, Hartford, Conn.

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**12358—Releasers (Curtain)**

Railway &amp; Traction Supply Co. ("Wyoming" Automatic), 79 W Monroe, Chicago, Ill.

**12359—Reliners (Automobile)**

Hampton Mfg. Co. ("Kant Blo"), Indianapolis, Ind.

K. &amp; W. Rubber Co., Ashland, O.

**12360—\*Reloaders (Coal)****JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.

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**12361-2-3—Reminders (Household)**

Kohler Die &amp; Specialty Co. ("Deaton"), De Kalb, Ill.

**Removers (Crown Seal)**

See Openers, Bottle

**12364—Renewers (Tie)**

P. &amp; M. Co. ("Smith"), 80 E Jackson blvd, Chicago, Ill.

**12365—Renovators (Feather)**

Bushnell Tank Works, Bushnell, Ill.

**12366—\*Repairs (Electrical Machinery)****WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**12367—Replacers (Car)**

Adreon Mfg. Co. ("Fewing"), Security bldg, St. Louis, Mo.

Aldon Co. ("Aldon" Car &amp; Locomotive), 3338 W Ravenswood av, Chicago, Ill.

Alexander Car Replacer Mfg. Co., Scranton, Pa.

Buda Co. ("Buda"), Railway Exchange bldg, Chicago, Ill.

Hobart Allfree Co. ("Newton"), 37 W Van Buren, Chicago, Ill.

Johnson Wrecking Frog Co., Cleveland, O.

Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Railway Appliance Co. (Fewlings), 122 S Michigan av, Chicago, Ill.

Reading Specialties Co., Reading, Pa.

Sargent Co. ("Sargent Beraller"), Fisher bldg, Chicago, Ill.

**12368—Replacers (Incandescent Lamp)**

Gaynor Elec. Bulb Manipulator Co., 24 Wooster, New York

Latham E. B. &amp; Co., 4 Murray, New York

McGill Mfg. Co. ("Adaptable," Incandescent), 77 Oak, Valparaiso, Ind.

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Matthews W. N. &amp; Bro. ("Easy"), 3722 Forest Park blvd, St. Louis, Mo.

**MORSE FRANK W.** ("Handy"), 293 Congress, Boston, Mass.

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**12369—Represses (Brick)**

Lakewood Engineering Co. ("Lakewood"), Cleveland, O.

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**12370—Re-Railer (Mine Car)**

American Mine Door Co., Canton, O.

**12371—\*Reservoirs (Air Brake, Etc.)****WESTINGHOUSE AIR BRAKE CO.**, Pittsburgh, Pa.**12372—\*Reservoirs (Air & Storage)****CHICAGO BRIDGE & IRON WORKS** (Air), 2015 Old Colony bldg, Chicago, Ill.

For branch offices see adv index at end of book

**WESTINGHOUSE TRACTION BRAKE CO.**, Pittsburgh, Pa.**12373—Reservoirs (Stove)**

Indiana Hollow Ware Co. (Enameled Iron), Jeffersonville, Ind.

**12374—\*Resistance Blocks****DIXON JOSEPH CRUCIBLE CO.** (Graphite), Jersey City, N. J.

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**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**12375—\*Resistance Grids****CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.

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**GENERAL ELECTRIC CO.**, Schenectady, N. Y. See adv index at end of book**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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**12376—\*Resistance Rods & Carbons****DIXON JOSEPH CRUCIBLE CO.** (Graphite), Jersey City, N. J.

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**GENERAL ELECTRIC CO.**, Schenectady, N. Y. See adv index at end of book**WESTINGHOUSE AIR BRAKE CO.**, East Pittsburgh, Pa.

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**12377—Resistance Units**

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.

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**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. See adv index at end of book



**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**Industrial Controller Co.** ("A. C. & D. C."), 890 Greenbush, Milwaukee, Wis.  
**Simplex Electric Heating Co.** ("Simplex"), Cambridge, Mass.  
**Ward Leonard Electric Co.**, Mount Vernon, N. Y.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
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**Wirt Co.** ("Di-El-It"), Germantown, Phila., Pa.

### 12378—Resistors (Standard)

**CUTLER-HAMMER MFG. CO.**, (Arc Lamp), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*  
**Industrial Controller Co.** ("A. C. & D. C."), 890 Greenbush, Milwaukee, Wis.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
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**Weston Electrical Instrument Co.**, Waverly Park, Newark, N. J.

### 12379—Resistors (Carbon)

**National Carbon Co.**, Cleveland, O.

### 12380 Respirators

*See also Helmets, Smoke & Ammonia*  
**American Thermo-Ware Co.** (Of Rubber Metal), 16 Warren, New York  
**Barnard Machinery Co.** (Automatic), Enterprise, Kan.  
**Chicago Eye Shield Co.** ("Chicago," "Spencerian"), 2300 Warren av, Chicago, Ill.  
**Cover H. S.** (Metal or Rubber), South Bend, Ind.  
**Draeger Oxygen Apparatus Co.** ("Pulmotor," Mechanical), Pittsburgh, Pa.  
**Gasco Protector Co.** ("Gasco" Safety Devices for Gas, Smoke, Ammonia, etc), 1103 North av, Waukegan, Ill.  
**Goodrich B. F. Co.** (Rubber), Akron, O.  
**Hayward S. F. & Co.** ("Westfalla" Automatic), 250 W 54th, New York  
**Life Saving Devices Co.** ("Lungmotor" Mechanical), 180 N Market, Chicago, Ill.  
**MacLeod Co.**, 2227 Bogen, Cincinnati, O.  
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**Multi Metal Separating Screen Co.** ("Pulmosan"), 68 E 131st, New York  
**Safety First Supply Co.**, Hartje bldg, Pittsburgh, Pa.  
**Schwenker W. M.**, 342 E 92d, New York

### 12381—Rests (Bow)

**Backstay Machine & Leather Co.**, Union City, Ind.  
**Canton Top Rest Co.**, Canton, O.  
**Cowles C. & Co.**, New Haven, Conn.  
**Crandall Stone & Co.** ("Pioneer"), Binghamton, N. Y.  
**Detroit Socket Co.**, Detroit, Mich.  
**Eberhard Mfg. Co.**, Cleveland, O.  
**Essex Brass Foundry Co.**, Cambridge, Mass.  
**Highton Wm. & Sons Co.**, Nashua, N. H.  
**Jonah & George, Merrimac, Mass.**  
**Keeler Brass Co.**, Grand Rapids, Mich.  
**North & Judd Mfg. Co.** ("Anchor Brand"), New Britain, Conn.  
**O'Brien Jos. F. Mfg. Co.**, 391 B'way, New York  
**Perkins-Campbell Co.**, 622 B'way, Cincinnati, O.  
**Smith Jos. N. & Co.**, Detroit, Mich.  
**Specialty Harness Co.**, Dayton, Va.  
**Thomson Mfg. Co.** ("Bow Hold Fast"), Watertown, Mass.  
**Western Brass Mfg. Works**, Marshall blvd & W 21st, Chicago, Ill.  
**Wiener-Barnet Co.**, 328 Adams, Newark, N. J.  
**Woodruff Walter W. & Sons Co.**, Mt. Carmel, Conn.

### 12382—Rests (Cigar)

**Grammes L. F. & Sons**, Allentown, Pa.

### 12383—Rests (Pipe)

**Grabler Mfg. Co.**, Cleveland, O.  
**Modern Iron Works (Soil Pipe)**, Quincy, Ill.

### 12384—\*Retainer Rods & Bars

**ELMES CHAS. F. ENGINEERING WORKS (INC.)** (Patented for Veneer Presses), Fulton, cor Sangamon, Chicago, Ill. *See adv index at end of book*

### 12385—Retainers (Ball)

**Bearings Company of America**, ("Star") Thrust, Magneto, Radial, Cup & Cone) Lancaster, Pa.  
**Crosby Co.**, 183 Pratt, Buffalo, N. Y.  
**Konigslow Otto Mfg. Co.**, 3506 Perkins av, Cleveland, O.  
**Oakes Co.**, The, Indianapolis, Ind.  
**Unique Findings & Supply Co.**, 36 Garnet, Providence, R. I.  
**Worcester Pressed Steel Co.**, Worcester, Mass.

### 12386—Retarders (Railroad Car)

**Fairmont Mining Machy. Co.**, Fairmont, W. Va.

### 12387—Retorts (Cannery)

**Seattle-Astoria Iron Works**, Seattle, Wash.  
**Universal Engineering Co.** ("Dundon's," Adapted for Fish, Meat, Fruit & Vegetables), 15 Beale, San Francisco, Cal.  
**Vance & Baker Mfg. Co.** (for Fish, Cereals, Fruits, Vegetables, etc), Muscatine, Ia.

### 12388—Retorts (Cast Iron)

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
**Duisdieker Fdry. & Mfg. Co.** (For Glucose), Pekin, Ill.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
**Philadelphia Roll & Machine Co.** (Steel & Iron), 23d & Washington av, Phila., Pa.  
**Sperry D. R. & Co.**, North Aurora, Ill.

### 12389—Retorts (Chemical)

**Bay State Crucible Co.**, Taunton, Mass.  
**Bethlehem Fdry. & Mach. Co.**, S Bethlehem, Pa.  
**Bridgeport Crucible Co.** (Clay Lined Graphite), Bridgeport, Conn.  
**Devine J. P. Co.**, Buffalo, N. Y.  
**Finch Mfg. Co.**, Scranton, Pa.  
**German-American Stoneware Works** (Stoneware), 50 Church, New York  
**Sittig J. W.** (Imp. Porcelain Ware), 5 Beekman, New York  
**Stuart & Peterson Co.** (Cast Iron), Burlington, N. J.  
**United States Stoneware Co.** (Glazed Stoneware), Akron, Ohio

### 12390—Retorts (Gas)

**American Refractories Co.** (Silica), 208 S La Salle, Chicago, Ill.  
**Baltimore Retort & Fire Brick Co.**, cor. Nicholson, Baltimore, Md.  
**Borgner Cyrus Co.**, 234 N 23d, Philadelphia, Pa.  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
**Chicago Retort & Fire Brick Co.**, 208 S La Salle, Chicago, Ill.  
**DIDIER-MARCH CO.** (Glover-West Vertical System, also Horizontal & Inclined Types, Water Gas Linings & Checkers), Perth Amboy, N. J.  
**Gardner Jas. Jr. Co.**, Lockport Station, Pa.  
**Gas Machinery Co.**, 1900 Euclid av, Cleveland, O.  
**Gautier J. B. Co.**, Greene, Jersey City, N. J.  
**Harbison-Walker Refractories Co.** ("H. W. Ricon," High Silica for Coal Gas Benches & Water Gas Plants, etc); Also Fire Clay Shapes for Regenerators, Fixers, Carburetors & Checkers), Farmers' Bank bldg, Pittsburgh, Pa.  
**Improved Equipment Co.**, 60 Wall, New York  
**Kreischer Brick Mfg. Co.**, Kreischerville, S. I., N. Y.  
**Laclede-Christy Clay Prod. Co.**, Manchester & Sulphur avs, St. Louis, Mo.  
**Louisville Fire Brick Works**, Highland Park, Louisville, Ky.  
**Maurer Henry & Son**, 420 E 23d, New York  
**Parker-Russell Mining & Mfg. Co.**, Laclede Gas Light bldg, St. Louis, Mo.  
**Phila. Fire Brick Works**, 2306 Vine, Phila., Pa.

### 12390a—\*Retorts (Gold and Silver Melting)

**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York  
*See adv index at end of book*

### 12390b—\*Retorts (Nitric Acid)

**Buffalo Foundry & Machine Co.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

### 12391—Retorts (Platinum)

**Bishop J. & Co.**, Malvern, Pa.

### 12392—Retorts (Turpentine)

**Struthers-Wells Co.** (Also Wood & Alcohol), Warren, Pa.  
*See adv index at end of book*  
**Walsh & Weidner Boiler Co.**, Chattanooga, Tenn.

### 12393—Retorts (Wood Bending)

**Buckeye Boiler Co.**, Dayton, O.  
**Twin City Boiler & Sheet Iron Works**, Bristol, Va.

### 12394—Revolver Mfrs.

**Ames Sword Co.** ("Protector"), Chicopee, Mass.  
**Colt's Patent Fire Arms Mfg. Co.**, Hartford, Conn.  
**Harrington & Richardson Arms Co.**, Worcester, Mass.  
**Hopkins & Allen Arms Co.** ("H. & A."), Norwich, Conn.  
**Johnson's Iver Arms & Cycle Works** ("Iver Johnson," "Hammer the Hammer"), Fitchburg, Mass.  
**Meriden Fire Arms Co.**, Meriden, Conn.  
**Savage Arms Corp.**, Utica, N. Y.  
**Sedgley R. F.** ("Baby" Hammerless), 2311 N 16th, Phila., Pa.  
**Smith Otis A.**, Rockfall, Conn.  
**Smith & Wesson**, Springfield, Mass.  
**Stevens J. Arms & Tool Co.**, Chicopee Falls, Mass.

### 12395—Rheostats

**Allen-Bradley Co.** ("Allen-Bradley" Motor, Starting Speed Regulator, Battery Charges, Lamp Dimmers, Field & Laboratory Rheostats, etc), 495 Clinton, Milwaukee, Wis.  
**Cushman Electric Co.** (Compound Starting & Regulating), Concord, N. H.  
**CUTLER-HAMMER MFG. CO.** (For all Purposes), 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**Darrin D. H.** ("The Whittingham"), 4 White, New York  
**Detroit Fuse & Mfg. Co.** (Motor Starting), 1400 Rivard, Detroit, Mich.  
**du PONT E. I. de NEMOURS & CO.** ("Du Pont" Blasting Machine Testers, see also Blasting Supplies), Wilmington, Del. *See adv index at end of book*  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
**GENERAL ELECTRIC CO.** (for Generators, Motors & Projectors), Schenectady, N. Y.  
*See adv index at end of book*  
**HERCULES POWDER CO.** ("Hercules") Blasting Machine Tester) Wilmington, Del. *See adv index at end of book*  
**Industrial Controller Co.** ("A. C. & D. C." Motor Starting, etc), 890 Greenbush, Milwaukee, Wis.  
**International Instrument Co.** (Water), 23 Church, Cambridge, Mass.  
**Knott L. E. Apparatus Co.** (Lamp Resistance with Units, also Plug Resistance Boxes), 79 Amherst, Cambridge, Mass.  
**McIntosh Battery & Optical Co.** (Cautery, etc), 217 N Desplaines, Chicago, Ill.  
**Monitor Controller Co.** (Automatic Motor Starting), 514 E Lombard, Baltimore, Md.  
**National Electric Controller Co.**, 154 Whiting, Chicago, Ill.  
**Northern Eng'g Works**, 120 Liberty, New York  
**Simplex Electric Heating Co.** ("Simplex"), Cambridge, Mass.  
**Sundh Electric Co.**, 548 W 23d, New York  
**Troy Electrical Co.**, Troy, N. Y.  
**Union Elec. Mfg. Co.**, 110 Reed, Milwaukee, Wis.  
**Vesta Accumulator Co.** ("Vesta," Charging for Automobiles, etc.), 2100 Indiana av, Chicago, Ill.



Ward Leonard Electric Co., Mount Vernon, N. Y.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
 Wirt Co. ("Dim-a-Lite" Vest Pocket), Germantown, Philadelphia, Pa.

### 12396—Rheostats (Battery Charging)

Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.  
 Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.  
 Bell & Howell Co. (Inductor Compensator), 1803 Larchmont av, Chicago, Ill.  
 Clark Electric Meter Co., 215 S. Clinton, Chicago, Ill.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Enterprise Optical Mfg. Co. (For Moving Pictures), 564 W Randolph, Chicago, Ill.  
 Fairbanks-Morse Electrical Mfg. Co., Indianapolis, Ind.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Hallberg J. H. (Economizer for Moving Pictures), 1604 B'way, New York  
 Industrial Controller Co., 890 Greenwiche, Milwaukee, Wis.  
 Leonard-Bundy Electric Co., Cleveland, O.  
 Marcuson E. ("Withan"), 136 Liberty, New York  
 Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.  
 Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.  
 Ward Leonard Electric Co., Mount Vernon, N. Y.  
 Western Electric Co., 463 West, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 12397—Rheostats (Field)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
 National Electric Controller Co., 154 Whiting, Chicago, Ill.  
 Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.  
 Ward Leonard Electric Co. (Generator), Mount Vernon, N. Y.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 12398—\*Rheostats (Meter Testing)

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

### 12399—Rheostats (Motor Charging, Starting & Speed Controlling)

*See also Rheostats*  
 Allen-Bradley Co. ("Allen-Bradley"), 495 Clinton, Milwaukee, Wis.  
**ALLIS-CHALMERS MFG. CO.** (Auto-Starters), Milwaukee, Wis.  
*See adv index at end of book*  
 Automatic Switch Co. ("Wittingham"), 4 White, New York  
 Badt-Westburg Electric Co., 53 W Jackson blvd, Chicago, Ill.  
 Barkeley Electric Mfg. Co., Middletown, Ohio  
**CUTLER-HAMMER MFG. CO.** ("Schureman"), 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**ELECTRIC CONTROLLER & MFG. CO.** ("Dinkey"), Cleveland, O.  
*See adv index at end of book*  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
*See adv index at end of book*  
 Lincoln Electric Co., Cleveland, O.  
 Monitor Controller Co., 514 E Lombard, Baltimore, Md.  
 New York Electric Controller Co., 35 Rose, New York  
 Reno-Kaetker Electric Co. ("Reliance"), 610 Baymiller, Cincinnati, O.

Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.  
 Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.  
 Triumph Electric Co., Oakley, Cincinnati, O. *See adv index at end of book*  
 Union Electric Mfg. Co., 110 Reed, Milwaukee, Wis.  
 Ward Leonard Electric Co., Mount Vernon, N. Y.  
**WESTINGHOUSE ELECTRIC MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 12400—Rheostats (Stage Dimming)

Allen-Bradley Co., 495 Clinton, Milwaukee, Wis.  
 Badt-Westburg Electric Co. (Inc.), 53 W Jackson blvd, Chicago, Ill.  
**CUTLER-HAMMER MFG. CO.** ("Simplcity"), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*  
 Industrial Controller Co. ("A. C. & D. C."), 890 Greenbush, Milwaukee, Wis.  
 Universal Electric Stage Lighting Co. ("Kliegl"), 240 W 50th, New York  
 Ward Leonard Electric Co., Bronxville, N. Y.

### 12401—Ribbon (Copper, German Silver, Nickel Steel & Nickel Copper)

Electrical Alloy Co., Morristown, N. J.

### 12402—Ribbon Cutting Machines

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

### 12403—Ribbon (Sash)

Caldwell Mfg. Co. ("Acme" Aluminum, Brass, Bronze & Steel), Rochester, N. Y.  
 Gardner Sash Pulley Co. ("Gardner's" Steel), 15 N Jeff., Chicago, Ill.

### 12404—Rice Mills

#### ARKANSAS.

CARLISLE—Carlisle Rice Mill Co.  
 DE WITT—De Witt Rice Mill Co.  
 LONOKE—Lonoke Rice Mill Co.  
 STUTTGART—Stuttgart Rice Mill Co.  
 WHEATLEY—Wheatley Rice Mills

#### CALIFORNIA.

SAN FRANCISCO—North American Mercantile Co., 330 Front

#### HAWAII.

HONOLULU—Walker H. E.

#### LOUISIANA.

ABBEVILLE—Steen Rice & Cotton Mill Co.  
 United Irrigation & Rice Milling Co. (See New Orleans)  
 CROWLEY—American Rice Milling Co.  
 Louisiana State Rice Milling Co.  
 Standard Milling Co. (See Houston, Tex.)  
 ESTERWOOD—United Irrigation & Rice Milling Co. (See New Orleans, La.)  
 FENTON—Mills I. J. & Sons  
 GUEYDAM—United Irrigation & Rice Milling Co. (See New Orleans, La.)  
 IOTA—La. State Rice Milling Co. (See New Orleans, La.)  
 LAKE ARTHUR—La. State Rice Milling Co. (See New Orleans, La.)  
 LAKE CHARLES—Lake Charles Rice Milling Co. (of Louisiana)  
 Wall Rice Packing Co. Ltd. (See New Orleans, La.)  
 NEW ORLEANS—Empire Rice Milling Co., Ltd., 1676 Tchoupitoulas  
 Levy Rice Milling Co. 448 Julia  
 La. State Rice Milling Co., Whitney bldg. Works: Lake Arthur, La.  
 Rickert's Rice Mills, 210 Girod  
 Socola Rice Milling Co., 600 Decatur  
 Southern Rice Milling Co., 325 N. Peters  
 United Irrigation & Rice Milling Co.

#### NORTH CAROLINA.

GOLDSBORO—Carolina Rice Mills

#### OREGON.

PORTLAND—Portland Rice Milling Co.

#### SOUTH CAROLINA.

CHARLESTON—West Point Mill Co.  
 WAVERLY MILLS—Waverly Mills Co.

#### TENNESSEE.

MEMPHIS—Memphis Rice Mill

#### TEXAS.

BAY CITY—Bay City Rice Milling Co.  
 BEAUMONT—Atlantic Rice Mills Co.  
 Beaumont Rice Mills  
 McFadden Rice Milling Co.  
 EAGLE LAKE—Eagle Lake Rice Milling Co.  
 Lakeside Rice Mill Co.  
 GALVESTON—Seaboard Rice Milling Co.  
 GANADO—Ganado Mill & Elevator Co.  
 HOUSTON—Alliance Rice Milling Co.  
 Industrial Rice Mill Co.  
 Pritchard Rice Milling Co.  
 Standard Milling Co.  
 Texas Rice Mills  
 ORANGE—Orange Rice Mill Co.  
 PORT ARTHUR—Port Arthur Rice Milling Co.

### 12405—\*Rice Powder (Bird)

**HERCULES POWDER CO.**, Wilmington, Del. *See adv index at end of book*

### 12406—Rice Shoes (Brewers')

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

### Rickerts (Hay)

*See Rakes, Sweep, etc*

### 12407—Riddles (Foundry)

*See also Riddles & Sieves*

Berkshire Mfg. Co. ("Berkshire" Rotary), Cleveland, O.  
**BUFFALO WIRE WORKS CO.**, 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*  
 Champion Foundry & Machine Co., 2435 W 14th, Chicago, Ill.  
 Combined Supply & Equipment Co., 766 Grant, Buffalo, N. Y.  
 Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.  
 Great Western Mfg. Co. ("Combs" Gyrtory), Leavenworth, Kans.  
 Hall-Holmes Mfg. Co. ("Grand"), Jackson, Mich.  
 Hanna Engineering Works ("Hanna"), 2059 Elston av, Chicago, Ill.  
 Hill & Griffith Co. ("Bathen"), 1262 State, Cincinnati, O.  
 Jelliff C. O. Mfg. Corp. ("Neversag"), Southport, Conn.  
 Newark Wire Cloth Co., 222 Verona av, Newark, N. J.  
 Obermayer S. Co., 2563 W 18th, Chicago, Ill.  
 Paxson J. W. Co., 021 N Delaware av, Phila., Pa.  
**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Smith John P. & Co., New Haven, Conn.  
 Stevens Frederick B., 3d & Larned, Detroit, Mich.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
**TYLER W. S. CO.**, Cleveland O.  
*See adv index at end of book*  
 Waterbury Welding Co. ("A I C"), Waterbury, Conn.  
 Woodison E. J. Co., Detroit, Mich.  
 Worthington Pump & Machinery Corp. (Steam, Pneumatic or Electric), 115 B'way, New York

### 12408—\*Riddles (Miners')

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*



**12409— Riddles & Sieves**

Brand S. H. Co. (Nickel Plate), 559 W Lake, Chicago, Ill.  
**Buffalo Wire Works Co.**, 453 Terrace, Buffalo, N. Y. *See adv index at end of book*  
 Darby Edward & Sons Co., 239 Arch, Phila., Pa.  
 Dufur & Co., 311 N Howard, Baltimore, Md.  
**ERDLE PERFORATING CO.** 181 York, Rochester, N. Y.  
*See adv index at end of book*  
 Estey Wire Works Co., 34 Cliff, New York  
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 Howard & Morse, 46 Fulton, New York  
 Jelliff C. O. Mfg. Corp., Southport, Conn.  
**Kraft A. C.**, 323 W Lake, Chicago, Ill.  
 Ludlow-Saylor Wire Co., Newstead av cor Wabash R R, St. Louis, Mo.  
**MEYERS FRED J. MFG. CO.**, Hamilton, O.  
*See adv index at end of book*  
 Morss & Whyte Co., 33 Pearl, Boston, Mass.  
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.  
 Phoenix Wire Works, Detroit, Mich.  
**Smith F. P. Wire & Iron Works, Lake & Dearborn**, Chicago, Ill.  
*See adv index at end of book*  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
 Tristram Jas. J., Rockville Centre, N. Y.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
**WRIGHT WIRE CO.** ("Excelsior" Steel, Brass, etc.), Worcester, Mass.  
*See adv index at end of book*

**12410—Ridge Roll (Plain or Corrugated)**

**Berger Mfg. Co.** (Also Ornamental), Canton, O.  
**Brier Hill Steel Co.**, Youngstown, O.  
 Conner Chas. H. & Co., Louisville, Ky.  
 Decatur Cornice & Roofing Co., New Decatur, Ala.  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.  
 East Birmingham Iron Roofing Co., Birmingham, Ala.  
**Florida Metal Products Co.**, Jacksonville, Fla.  
 Garry Iron & Steel Co., Niles, O.  
 Gedge Bros. Iron Roofing Co., Anderson, Ind.  
 Globe Iron Roofing & Corrugating Co., Newport, Ky.  
 Horner W. & Co. (Iron, Flashing, Louvres), Oliver bldg, Pittsburgh, Pa.  
 Kanneberg Roofing & Ceiling Co., Canton, O.  
**Klauer Mfg. Co.** Dubuque, Ia.  
 Lupton's David Sons Co., E Allegheny & Tulip, Phila., Pa.  
**Lyon, Conklin & Co.** (Plain), 19 Balderston, Baltimore, Md.  
**Messenger Parks Mfg. Co.**, Aurora, Ill.  
**New Orleans Roofing & Metal Works, Cor-tez & Orleans**, New Orleans, La.  
 Newport Rolling Mill Co., Newport, Ky.  
 Ohio Corrugating Co., Warren, O.  
*See adv index at end of book*  
**Reeves Mfg. Co.**, Dover, O.  
**Tiffin Art Metal Co.**, 20 Broad, Tiffin, O.  
**Whitaker-Glessner Co.**, Wheeling, W. Va.

**12411—Ridgers (Asparagus)**

**Bateman Mfg. Co.** ("Iron Age" Riding), Grenloch, N. J.

**12412— Riffles**

*See Also File & Rasp Mfrs.*

Disston Henry & Sons, Tacony, Phila., Pa.  
 Dixon Wm. (Imp.), 39 John, New York  
 Montgomery & Co. ("Grobet," Imp.), 105 Fulton, New York

**12413— Rifles (Air)**

Benjamin Air Rifle Mfg. Co., St. Louis, Mo.  
 Daisy Mfg. Co. ("Daisy"), Plymouth, Mich.  
 Kohler Die & Specialty Co., De Kalb, Ill.  
 Markham Air Rifle Co., Plymouth, Mich.  
 Quackenbush H. M., Herkimer, N. Y.

**12414— Rifles, Guns, Etc.**

**Ames Sword Co.** ("Protector" Revolvers), Chicopee, Mass.  
**Baker Gun & Forging Co.**, Batavia, N. Y.  
**Butler Mfg. Co.**, Indianapolis, Ind.

**Colt's Patent Fire Arms Mfg. Co.** (Automatic Pistols, Rapid Fire Machine Guns & "Bene-Mereler" Rifles), Hartford, Conn.  
**Crescent Fire Arms Co.** (Single & Double Barrel Shot Guns), Norwich, Conn.  
**Davis N. R. & Sons** (Shot Guns), Assonet, Mass.  
**Detroit Auto Piston Co.**, 180 John R., Detroit, Mich.  
**Driggs Mfg. Corp.** (Rapid Fire Machine Guns), New Haven, Conn.  
**Folsom H. & D. Arms Co.** (Shot Guns, Rifles, etc.), 314 B'way, New York  
**Fox A. H. Gun Co.** ("A. H. Fox" Guns), 4700 N 18th, Phila., Pa.  
**General Ordnance Co.** (Aeroplane), Derby, Conn.  
**Hamilton C. J. & Son** (22 Powder Guns), Plymouth, Mich.  
**Harrington & Richardson Arms Co.** (Guns & Pistols), Worcester, Mass.  
**Hartley M. Co.** (Shot Guns, Rifles, etc.), 233 B'way, New York  
**Hopkins & Allen Arms Co.** (Revolvers, Rifles & Shot Guns), Norwich, Conn.  
**Hunter Arms Co.** ("L. C. Smith" "Smith," "Fulton" Shot Guns, Hammerless & Hammer Breech Loading Guns), Fulton, New York  
**Ithaca Gun Co.** ("Ithaca" Hammer & Hammerless Double Shot Guns), Ithaca, N. Y.  
**Johnson's Iver, Arms & Cycle Works**, Fitchburg, Mass.  
**Lau J. H. & Co.** (Imp. Shot Guns), 75 Chambers, New York  
**Marble Arms & Mfg. Co.** ("Marble's" Game Getter), Gladstone, Mich.  
**Marlin Fire Arms Corp.** ("Marlin" Repeating Rifles & Shot Guns), New Haven, Conn.  
**Meriden Fire Arms Co.** ("A. J. Aubrey" & "Meriden," Shot Guns, Rifles & Revolvers), Meriden, Conn.  
**New England Westinghouse Co.**, Chicopee, Mass.  
**Newton Arms Co.**, Mutual Life bldg, Buffalo, N. Y.  
**Parker Bros.** ("Parker" Shot Guns), Meriden, Conn.  
**Remington Arms-Union Metallic Cartridge Co.**, Ilion, N. Y.  
**Savage Arms Corp.** (Also Mfgs. "Lewis" Machine Guns & "Savage" Automatic Pistol), Utica, N. Y.  
**Sedgley R. F.**, 2311 N 16th, Phila., Pa.  
**Stevens J. Arms Co.** (Rifles, Pistols, Shot Guns, etc.), Chicopee Falls, Mass.  
**Winchester Repeating Arms Co.** ("Winchester"), New Haven, Conn.

**12415— Rifles (Scythe)**

Emmons E. G., West Morris, Conn.

**12416—Rig Irons (Oil & Gas Well)**

**Oil Well Supply Co.**, 215 Water, Pittsburgh, Pa.  
**Parkersburg Rig & Reel Co.**, Parkersburg, W. Va.  
**Union Tool Co.** ("Ideal," "Standard"), Torrance, Cal., & West Chicago, Ill.

**12417— Rims (Automobile)**

**American Tube & Stamping Co.** (Cylinder, etc.), Bridgeport, Conn.  
**Cumberland Valley Spoke & Bending Co.**, Hagerstown, Md.  
**Dahl Punctureless Tire Co.** (Tire Rims, etc.), 1424 Hennepin av, Minneapolis, Minn.  
**Dorian Remountable Rim Co.** (Remountable), 1777 B'way, New York  
**Eberly & Orris Mfg. Co.** Mechanicsburg, Pa.  
**Eureka Bending & Wheel Works**, York, Pa.  
**Firestone Tire & Rubber Co.** ("Firestone" Automobile Truck), Akron, O.  
**General Rim Co.**, Sweetland bldg, Cleveland, O.  
**Graham Thos. & Co.** (Hickory & Oak), Madison, Ind.  
**Hinkel J. K. Mfg. Co.**, Mechanicsburg, Pa.  
**Hoyt John Co.** (Wood), Delaware, N. J.  
**K. & C. Mfg. Co.** (Wood), Henniker, N. H.  
**Lebzelter P. & Son Co.** (Hickory, Oak & Ash), Lancaster, Pa.  
**Michelin Tire Co.**, Milltown, N. J.  
**Minton T. W. & Son**, Barbourville, Ky.  
**Mott Wheel Works**, Jackson, Mich.  
**Presto Inner Rim Co.**, 320 Newberry, Boston, Mass.

**Smith A. O. Co.** (Steel), Milwaukee, Wis.  
**Smith Erwin & Co.**, York, Pa.  
**STANDARD PARTS CO.** (Plain Clincher, Detachable & Demountable), W 73rd, Cleveland, O.  
*See adv index at end of book*  
**Tucker Woodwork Co.** (Wood), Sidney, O.  
**Weston-Mott Co.**, Flint, Mich.  
**Williams Steel Wheel & Rim Co.**, Utica, N. Y.

**12418—Rims (Bicycle & Motor Cycle)**

**American Wood Rim Co.** ("Lobdell" Wood Rim), Onaway, Mich.  
**Mott Wheel Works**, Jackson, Mich.  
**STANDARD PARTS CO.** (Steel), W 73rd, Cleveland, O. *See adv index at end of book*  
**Universal Welding Co.**, St. Anne, Ill.  
**Williams Steel Wheel & Rim Co.**, Utica, N. Y.

**12419— Rims (Mirror)**

**National Sheet Metal Co.** ("Nicolene"), Peru, Ill.

**12420— \*Rims (Motor Truck)**

**STANDARD PARTS CO.**, W 73rd, Cleveland, O. *See adv index at end of book*

**12421—Rims (Sieve & Riddle)**

**Beverstock O. D. Co.**, Keene, N. H.  
**Estes E. B. & Sons**, 358 5th av, New York. *See adv index at end of book*  
**Michigan Bent Rim & Basket Mfg. Co.**, Lowell, Mich.

**12422— Rims (Wood)**

For Bicycles, Motor Cycles, Aeroplanes, etc  
**American Wood Rim Co.**, Onaway, Mich.  
**Detroit Auto Dash Co.**, 519 Beaubien, Detroit, Mich.  
**Rastetter Louis & Son** (Bicycle & Auto Steering Wheels), Ft. Wayne, Ind.  
**Tucker Woodwork Co.**, Sidney, O.

**12423—Rims & Felloes (Carriage & Wagon Wheel)**

**Ahr & Rost Co.**, Cincinnati, O.  
**Ames Bending Co.**, Celina, O.  
**Avoca Wheel Co.**, Avoca, N. Y.  
**Baltimore Hub-Wheel Mfg. Co.**, Fallsway & Gay, Baltimore, Md.  
**Breece Mfg. Co.**, Portsmouth, O.  
**Browne J. A. & Co.**, North Manchester, Ind.  
**Buckley John Hub, Spoke & Wheel Co.**, 969 N 2d, Phila., Pa.  
**Campbell M. R.**, Tullahoma, Tenn.  
**Campbell & Dann Mfg. Co.**, Tullahoma, Tenn.  
**Carrier Lumber & Mfg. Co.**, Sardis, Miss.  
**Chancellor S. D.**, Wilmington, O.  
**Coopersburg Bending Works**, Coopersburg, Pa.  
**Crane & MacMahon ("Star")**, 10 Bridge, New York  
**Cumberland Valley Spoke & Bending Co.**, Hagerstown, Md.  
**Dann Bros. & Co.**, New Haven, Conn.  
**Doles Edwin E.**, Greensburg, Ind.  
**Donges John & Co.**, Hamilton, O.  
**Eberly & Orris Mfg. Co.**, Mechanicsburg, Pa.  
**Empire Bending Works**, Lancaster, Pa.  
**Eureka Bending & Wheel Works**, York, Pa.  
**Fort Smith Rim & Bow Co.**, Fort Smith, Ark.  
**Fuss J. C.**, Kauffman, Pa.  
**Galloway Kennedy Co.**, Clarendon, Ark.  
**Gillette, E. A. & Sons**, Charlestown, Boston, Mass.  
**Gillette C. H.**, Indianapolis, Ind.  
**Graham Thos. & Co.**, Madison, Ind.  
**Hanover Bending & Mfg. Co.**, Hanover, Pa.  
**Hartzell Geo. W.**, Dayton, O.  
**Heiser J. B.** (Buggy), Atwater, O.  
**Hice Mfg. Co.**, Johnson City, Tenn.  
**Hinkel J. K. Mfg. Co.** (Carriage, Truck & Auto), Mechanicsburg, Pa.  
**Holt Bros. Mfg. Co.**, Concord, N. H.  
**Hoopes Bro. & Darlington**, West Chester, Pa.  
**Hoyt John Co.**, Delaware, N. J.  
**Jerome Henry**, Worcester, Mass.  
**Jones Phineas & Co.**, 305 Market, Newark, N. J.  
**K. & C. Mfg. Co.**, Henniker, N. H.  
**Kentucky Rim & Shaft Co.**, Louisville, Ky.



Kerr L. S. D., Frenchtown, N. J.  
Kohler F. F., South Zanesville, O.  
Koller J. B. & Co., Mechanicsburg, Pa.  
Lamb-Fish Lumber Co., Charleston, Miss.  
Lebzelter Phillip & Son Co., Lancaster, Pa.  
Leippe's Jacob A. Sons, Reading, Pa.  
Look & Lincoln, Marion, Va.  
Manchester Mfg. Co., Manchester, Tenn.  
Medina Bending Works, Medina, O.  
Ness Bros. & Co., York, Pa.  
Ohio Spoke & Bending Co., Botkins, O.  
Owensboro Wagon Co., Owensboro, Ky.  
Petersburg Rim & Veneer Co., Petersburg, Va.

Phipps J. H. Lumber Co., Fayetteville, Ark.  
Pioneer Pole & Shaft Co., Piqua, O.  
Shepard H. G. & Sons, New Haven, Conn.  
Skinner J. M. Bending Co., Toledo, O.  
Sligo Iron Store Co., 6th & O'Fallon, St. Louis, Mo.

Smith, Ervin & Co., York, Pa.  
Southern Wheel Stock Co., Ironton, O.  
Standard Wheel Co., Terre Haute, Ind.  
Stevens A. E. & Co., Portland, Me.  
Syze J. F., Yorktown Heights, N. Y.  
Toledo Bending Co., Toledo, O.  
Toledo Carriage Woodwork Co., Toledo, O.  
Tucker Woodwork Co., Sidney, O.  
Turnbull Wagon Co. (Wagon Wheels), Defiance, O.

Union Bending Works, Collins, O.  
Union Spoke & Bending Co., Union City, Ind.

Vehicle Supply Co., Cairo, Ill.  
Von Behren Mfg. Co., Evansville, Ind.  
Walrath Abram Co., Weedsport, N. Y.  
West Falmouth Mfg. Co., West Falmouth, Me.

Wheel & Wood Bending Co., Bridgeport, Conn.

Wildermuth Bending Co., Columbus, O.  
Winchester Lumber Co., Winchester, O.

#### 12424—Rims & Rings (Pan Grinder)

Railway Steel Spring Co. ("Muller" Weldless Forged & Rolled Steel), 30 Church, New York

#### 12425—Ringers (Bell)

U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York

#### 12426—Ringers (Fire Bell)

Gamewell Fire Alarm Telegraph Co., Newton Upper Falls, Mass.

U. S. E. M. Co. (Potentiostat Sets), 301 W 37th, New York

Walsh Safety Lock Snap Co. ("O'Brien," Foot Power, for Fire Apparatus), Bellevue, O.

#### 12427—Ringers (Hog)

See also Rings, Hog & Bull

Buffum Tool Co. ("Swastika"), Louisiana, Mo.

Decker Mfg. Co. ("Hill's," "Brown's"), Keokuk, Ia.

Fischer & Flohr, Bucyrus, O.

Harbeck & Neuhaus ("Dr. Miller's Never Root"), Davenport, Ia.

Heesen Bros. Co. ("Wolverine"), Tecumseh, Mich.

Humason & Beckley Mfg. Co., New Britain, Conn.

Pratt Wm. E. Mfg. Co. ("Perfect"), 35 W Lake, Chicago, Ill.

Smith F. P. & Co. ("Hill," "Blair"), Sharon Hill, Pa.

Stearns E. C. & Co. ("Stearns" Perfect Pat'n), 450 Oneida, Syracuse, N. Y.

Williams A. C. Co., Ravenna, O.

#### 12428—Rings (Aerial)

Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

#### 12429—Rings (Air Brake)

Johns H. W.-Manville Co. (Expander), Madison av & 41st, New York  
*See adv index at end of book*

#### 12430-1—Rings (Arcing)

Locke Insulator Mfg. Co. ("Nicholson"), Victor, N. Y.

#### 12432—Rings (Band)

Grabler Mfg. Co., Cleveland, O.

#### 12433—Rings (Beer Keg Washer)

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

#### 12434—Rings (Beetle Post, Etc.)

Columbus Anvil & Forging Co., Columbus, Ohio

Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.

Martin Sam'l Co., 81 Adams, B'klyn, N. Y.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Sidney Hollowware Co., Sidney, O.

#### 12435—Rings (Bobbin)

Morgan Spring Co., Worcester, Mass.  
Stephenson Mfg. Co., South Bend, Ind.

#### 12436—Rings (Box)

Grammes L. F. & Sons, Allentown, Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn.

#### 12437—Rings (Brass)

American Ring Co., Waterbury, Conn.  
Grammes L. F. & Sons (Plain Screws), Allentown, Pa.

Hendryx Andrew B. Co., New Haven, Conn.

Turner & Seymour Mfg. Co., Torrington, Conn.

#### Rings (Breeching)

See Rings, Harness

#### 12438—Rings (Bridle)

Chicago Expansion Bolt Co. ("Chicago"), 111 N Jefferson, Chicago, Ill.

**DIAMOND EXPANSION BOLT CO.**

("Standard" & "D-X"), 89 West, New York  
*See adv index at end of book*

Morgan Spring Co., Worcester, Mass.

Parker Wire Goods Co. (Or Distributing), Worcester, Mass.

**STAR EXPANSION BOLT CO.** ("Star," also "Star" Corner Brace Bridle Rings), 147 Cedar, New York

Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.

#### Rings (Carbon Packing)

See Carbon Mfrs.

#### 12439—Rings (Chemical)

See also Stoneware Chemical  
Laclede-Christy Clay Products Co., Manchester & Sulphur av, St. Louis, Mo.

#### 12440—Rings (Cigar Gauge)

Grammes L. F. & Sons, Allentown Pa.

#### 12441—Rings (Clinch)

Eberhard Mfg. Co., Cleveland, O.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

Marine Hardware & Equipment Co., S Portland, Me.

Neptune Hardware Mfg. Co., 54 South, New York

Rhode Island Tool Co., Providence, R. I.

Wilcox, Crittenden & Co. (Wrought & Malleable), Middletown, Conn.

#### 12442—Rings (Commutator)

Electric Service Co. ("Formica"), 214 Walnut, Cincinnati, O.

Hemming Mfg. Co., Garfield, N. J.

#### 12443—Rings (Crusher)

Standard Steel Works Co., Morris bldg, Phila., Pa.

#### 12444—Rings (Curtain & Drapery Pole)

American Pin Co. ("Ampinco"), Waterbury, Conn.

American Ring Co., Waterbury, Conn.

Berbecker & Rowland Mfg. Co. (Brass Curtain Fixtures), Waterville, Conn.

Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*

Grammes L. F. & Co., Allentown, Pa.

Hobbs Mfg. Co., Worcester, Mass.

Judd H. L. Co., 87 Chambers, New York

Parker Wire Goods Co. (Brass), Worcester, Mass.

Reynolds Mfg. Co., West Toledo, O.

Turner & Seymour Mfg. Co. (Brass), Torrington, Conn.

Hallett Iron Works ("Hallett" Pole), Harvey, Ill.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

#### 12445—Rings (Distributing)

Dickinson Mfg. Co., Springfield, Mass.

Goodrich B. F. Co. (Rubber), Akron, O.

Hemming Mfg. Co., Garfield, N. J.

**New York Rubber Co. (Rubber), Reade & Church, New York**

12447—Rings (Filter Press)  
Moore S. L. & Sons, Elizabeth, N. J.

12448—Rings (Flush)

**Brass Goods Mfg. Co. (Cast Brass), 533 Union, Brooklyn, N. Y.**

Peck, Stow & Wilcox Co. (Cast Brass), Southington, Conn.

Reading Hardware Co. (Cast Brass), Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co. (Cast Brass & Bronze), New Haven, Conn.

#### Rings (Fruit Jar)

See Rubbers, Fruit Jar

#### 12449-50—Rings (Furnace Casing)

XXth Century Htg. & Ventg. Co., Akron, Ohio

Walworth Run Foundry Co. ("Never-Break," Steel), Cleveland, O.

#### 12451—Rings (Grommet)

Marine Hardware Equipment Co. ("Acme" & "Merco"), South Portland, Me.

Read A. P. Co., 568 W Washington, Chicago, Ill.

Wilcox, Crittenden & Co. (Malleable Iron Galvanized), Middletown, Conn.

#### 12452—Rings (Gymnasium)

Auer John, Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

Wilcox, Crittenden & Co., Middletown, Conn.

#### 12453—Rings (Harness, Bone)

Kyoto Mfg. & Trading Co., 31 E 17th, New York

Randolph Wm. C. (Also Ivory), 243 Arch, Phila., Pa.

#### 12454—Rings (Harness, Composition)

Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.

North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

Rogers & Hubbard Co., Middletown, Conn.

#### 12455—Rings (Harness, Iron)

American Mfg. Co., Chattanooga, Tenn.

Colton Mfg. Co., Montpelier, Vt.

Columbus Chain Co., Columbus, O.  
*See adv index at end of book*

Covert Saddlery Works, Interlaken, N. Y.

Fitch W. & E. T. Co., New Haven, Conn.

Frazer & Jones Co., Syracuse, N. Y.

Grammes L. F. & Sons, Allentown, Pa.

Hobbs Mfg. Co., Worcester, Mass.

North & Judd Mfg. Co. ("Anchor Brand," Iron, Steel & Brass), New Britain, Conn.

Sargent & Co., New Haven, Conn.

12456—Rings (Harness, Rubber)  
Rubber & Celluloid Harness Trimming Co., 56 Ferry, Newark, N. J.



**12457— Rings (Hatch)**

Superior Iron Works Co., Superior, Wis.

**12458— Rings (Hinge)**

Grabler Mfg. Co. (Extension, etc), Cleveland, O.

**12459— Rings (Hitching)**

Auer Jno. Jr. (Wrought), 199 Middleton, Brooklyn, N. Y.  
 Brewer Bros. Co. (Wrought, Screw, Drill or Lead, etc), 614 Filbert, Phila., Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.  
 Humason & Beckley Mfg. Co., New Britain, Conn.  
 Jencks E. Mfg. Co. (Wrought), Worcester, Mass.  
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.  
 Morgan Spring Co., Worcester, Mass.  
 Parker Wire Goods Co. (Also on Plate & with Bolt & Nut), Worcester, Mass.  
 Peck, Stow & Wilcox Co. (Wrought), Southington, Conn.  
 Sargent & Co. (Wrought), New Haven, Conn.  
 Steward & Romaine Mfg. Co., 124 N 6th, Phila., Pa.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Wire Goods Co. (Wrought), Worcester, Mass.

**12460— Rings (Hog & Bull)**

See also Ringers, Hog

Ajax Metal Co. (Plumbic Bronze), 46 Richmond, Phila., Pa.  
 Chambers, Bering, Quinlan Co. ("Browns," "Wolverine" Hog), Decatur, Ill.  
 Decker Mfg. Co. ("New Idea" Self-Piercing), Keokuk, Ia.  
 Fischer & Flohr, Bucyrus, O.  
 Heesen Bros. Co. ("Hills," "Blair," "Major," "Wolverine" Hog), Tecumseh, Mich.  
 Humason & Beckley Mfg. Co., (Copper Bull Only), New Britain, Conn.  
 Kohler F. E. Co., Canton, O.  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Pratt Wm. E. Mfg. Co. ("Hill," "Blair," "Brown," "Major," "Wolverine," "Rea's" & Self-Piercing), 35 W Lake, Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Smith F. P. & Co. ("Hills," "Blair," Copper & Galvanized, Cast & Malleable Iron), Sharon Hill, Pa.  
 Smith Seymour & Son (Bull Only), Oakville, Conn.

**12461—Rings (Hollow Screw)**

Berbecker & Rowland Mfg. Co. (Brass), Waterville, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.

**12462— Rings (Key)**

Billings & Spencer Co. ("Billing's"), Hartford, Conn.  
 Boettiger Louis A. Co., 48 Leonard, New York  
 Browne & Dowd Mfg. Co. ("Reliable" Puzzle, Clasp, "Joker"), Meriden, Conn.  
 Coe Mfg. Co. (Steel Ball Key Rings), 35 Warren, New York  
 Graham & Berwin (Imported), 107 Lafayette, New York  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hammond E. L. & Son, Sayre, Pa.  
 Individual Key Ring Co. (Individual), Hartford, Conn.  
 Morden Mfg. Corporation ("Morden Perfect"), Waterbury, Conn.  
 Niagara Falls Metal Stamping Works "Flexible," "Split Steel", Niagara Falls, N. Y.  
 Noble F. H. & Co. (Keyredic), 555 W 59th, Chicago, Ill.  
 Scovill Mfg. Co., Waterbury, Conn.  
 See adv index at end of book  
 Smith & Egge Mfg. Co. (Chain & Ring), Bridgeport, Conn.

Snow & Petrelli Mfg. Co., New Haven, Conn.  
 Spaulding D. S. (Silver), Mansfield, Mass.  
 Williamson C. T. Wire Novelty Co., Badger av, Newark, N. J.

**12463— Rings (Lap)**

Collins Hilton Co., Louisville, Ky.  
 Columbus Handle & Tool Co. (Lap Links & Rings), Columbus, Ind.

**12464—Rings (Leather Shafting)**

Graton &amp; Knight Mfg. Co. ("G. &amp; K."), Worcester, Mass.

**12465— Rings (Locker)**

Jencks E. Mfg. Co., Worcester, Mass.  
 Morgan Spring Co., Worcester, Mass.

**12466—Rings (Marble Polishing)**

Royden Marble Machinery Co. ("Royden" Polish Rings), 220 5th av, New York

**12467— Rings (Napkin)**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York  
 Hall Wilbur B. (Silver Plated), Meriden, Conn.

**12468— \*Rings (Neck Yoke)**

Columbus Chain Co., Columbus, O.  
 See adv index at end of book

**12469— Rings (Net)**

Meisselbach A. F. &amp; Bros. (Fishing), 29 Congress, Newark, N. J.

**12470— Rings (Open)**

Brewer Bros Co. (Wrought), 614 Filbert, Phila., Pa.  
 Grammes L. F. Sons, Allentown, Pa.

**12471— Rings (Piston)**

American Piston Ring Co. ("American" & "Sta-Tile" Hammered), 704 S 11th, Newark, N. J.  
 Auto Parts Mfg. Co., Sioux City, Ia.  
 Automobile Construction & Engineering Co. ("Perfection"), 3325 Chestnut, Phila., Pa.  
 Baker Valve Co., Minneapolis, Minn.  
 Bridgeport Pistol Ring Co., Bridgeport, Conn.  
 Burd High-Compression Ring Co. ("Burd" High Compression), Rockford, Ill.  
 Canfield Gas Engine Co., 8 Abbott, Binghamton, N. Y.  
 Capitol Foundry Co. (Vanadium Cast Iron), Hartford, Conn.  
 Cast Iron Brazing & Mfg. Co., Forsaith bldg, Manchester, N. H.  
 Chalsmith Co. ("Gill"), 3701 S Ashland av, Chicago, Ill.  
 Chambersburg Engineering Co. (Hammered), Chambersburg, Pa.  
 Chopra Piston Ring Co., Detroit, Mich.  
 Continental Piston Ring Co. ("Hi-Comp"), Memphis, Tenn.  
 Detroit Piston Ring Co., 53 Richmond, Detroit, Mich.  
 Dubois Foundry Co. (Vanadium Iron), Cold Springs, N. Y.  
 Du Bois Piston Ring Co., Albany, N. Y.  
 Dunham Piston Ring Co., 250 W 54th, New York  
 Dyer G. H. Co., Cambridge, Mass.  
 Eco Mfg. Co. ("Eco"), Exchange bldg, Boston, Mass.  
 Evarts Machine Co., Hartford, Conn.  
 Ever-Tight Piston Ring Co. ("Ever-Tight"), 1424 Chestnut, St. Louis, Mo.  
 Hebert Mfg. Co. ("Hebert"), Franklin, N. H.  
 Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.  
 Horat Joseph ("Tight Wad" for Ford Cars), 417 Ferry, Lafayette, Ind.  
 Houpert Machine Co., 351 W 52d, New York  
 Hungerford U. T. Brass & Copper Co. ("Star"), 80 Lafayette, New York  
 Inland Machine Works, 800 Mound, St. Louis, Mo.  
 Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.  
 Keys Piston Ring Co. ("K-P"), 3049 Olive, St. Louis, Mo.  
 Lonaker V. A. Co., Indianapolis, Ind.


Lewis Electric Welding &amp; Mfg. Co., Toledo, O.

McCadden Machine Works ("McCadden" Leakless), St. Cloud, Minn.

McIntyre Mfg. Co., 172 W Locust, Columbus, O.

McQUAY-NORRIS MFG. CO. ("Leak-Proof"), 2806 Locust, St. Louis, Mo.  
 See adv index at end of book

**McQUAY-NORRIS**  
TRADE MARK REGISTERED



**PISTON RINGS**  
PATENTED

Made in every size for every purpose

McQuay-Norris Mfg. Co.  
St. Louis, Mo.

Manufacturers' Foundry Co., Waterbury, Conn.

Merritt S. Whyte Co. ("D.-I.-E Case" Iron), 311 W 59th, New York

Micro Piston Ring Co. ("Micro"), 1960 B'way, New York

Miller Harry A. Mfg. Co., Los Angeles, Cal.

Modern Electric &amp; Machine Co. ("R. &amp; M."), 936 Ft. Wayne av, Indianapolis, Ind.

Morgan Mfg. Co., Newport, R. I.

Muncie Foundry &amp; Machine Co. (Also for Cycle Cars), Muncie, Ind.

New Era Spring &amp; Specialty Co., Detroit, Mich.

Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.

Nilson-Miller Co. ("Record"), Hoboken, N. J.

Otis Machine Works, 191 Mill, Rochester, N. Y.

Piston Ring Co., Muskegon, Mich.

Pondelick Piston Ring Co., Leavitt &amp; Jackson blvd, Chicago, Ill.

Pressure Proof Piston Ring Co., Boston, Mass.

Racine Foundry Co., 10th &amp; C. M. &amp; St. P. Ry., Racine, Wis.

Reliance Foundry Co., Richmond, Ind.

Salt Wm. B. Mfg. Co., Aspinwall, Pa.

Sealwell Piston Ring Co., Sioux City, Ia.

Spacke F. W. Machine Co., Indianapolis, Ind.

Teeter-Hartley Motor Co., Hagerstown, Ind.

Trump Mfg. Co., Crown Point, Ind.

Underwood H. B. &amp; Co., 1025 Hamilton, Phila., Pa.

Wainwright W. W. &amp; Son, Connersville, Ind.

Wasson Piston Ring Co. ("Wasson"), Hoboken, N. J.

Waterbury Welding Co., Waterbury, Conn.

Wilson Foundry &amp; Machine Co., Pontiac, Mich.

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Cincinnati Rubber Mfg. Co., Cincinnati, O.  
Combination Rubber Mfg. Co., Bloomfield, N. J.  
Continental Rubber Works, Erie, Pa.  
Daval Rubber Co. (Umbrella, etc), 69 Point, Providence, R. I.  
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
Goodrich B. F. Co., Akron, O.  
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
Home Rubber Co., Trenton, N. J.  
Mechanical Rubber Co. (For all Purposes), Cleveland, O.  
New York Belting & Packing Co. (Ltd.), 91 Chambers, New York  
New York Rubber Co., Reade & Church, New York  
Parker-Stearns & Co. (Umbrella, Invalid Teething, etc), 286 Sheffield av, Brooklyn, N. Y.  
Peerless Rubber Mfg. Co., 31 Warren, New York  
Pennsylvania Rubber Co. (For Unions, Pumps, Lubricators, Gauge Glass, Packing, etc), Jeannette, Pa.  
Quaker City Rubber Co., 629 Market, Phila., Pa.  
Schacht Rubber Mfg. Co., Huntington, Ind.  
Thermoid Rubber Co., Trenton, N. J.  
Tyer Rubber Co. (Umbrella, Teething), Andover, Mass.

**12475-6 Rings (Screw)**

American Ring Co., Waterbury, Conn.  
Brooks M. S. & Sons (Brass), Chester, Conn.  
Grammes L. F. & Sons, Allentown, Pa.  
Parker Wire Goods Co., Worcester, Mass.  
Turner & Seymour Mfg. Co., Torrington, Conn.

**12477— Rings (Shutter)**

Brooks M. S. & Sons, Chester, Conn.  
Hamblin & Russell Mfg. Co., Worcester, Mass.  
Jencks E. Mfg. Co., Worcester, Mass.  
Morgan Spring Co., Worcester, Mass.  
Parker Wire Goods Co. (Tinned Wire), Worcester, Mass.

**Rings (Socket)**

*See Rings, Electric Lamp Socket*

**12478 Rings (Steel)**

Auburn Ball Bearing Co. (Hardened Tool Steel), 26 Elizabeth, Rochester, N. Y.  
Bridgeport Chain Co., Bridgeport, Conn.  
Chrome Steel Works (Rolled Chrome Steel), Camden, N. J.  
Grammes L. F. & Sons, Allentown, Pa.  
Hobbs Mfg. Co., Worcester, Mass.  
Hope Forge & Machine Co. (& Bands), Mt. Vernon, O.  
Humason & Beckley Mfg. Co., New Britain, Conn.  
Kropp Forge Co. (Solid Forged), 2512 W 21st, Chicago, Ill.  
Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
Millersburg Fifth Wheel Co. (Iron & Steel Rings, Bands, Ovals, Flanges, etc), Millersburg, Pa.  
New England Forge Co. (Weldless), Worcester, Mass.  
**OHIO FORGE CO.** (Forged), Cleveland, O. *See adv index at end of book*  
Oliver & Williams (Solid Forged), 39 Pitts, Boston, Mass.  
Racine Malleable & Wrought Iron Co., Racine, Wis.  
Railway Steel Spring Co. (Heavy), 30 Church, New York  
Standard Steel Works Co., Morris bldg, Phila., Pa.  
**STANDARD PARTS CO.** (Seamless Copper, Brass), W 73d, Cleveland, O. *See adv index at end of book*  
Tloga Steel & Iron Co. (Forged), Phila., Pa.  
Wharton Wm. Jr. & Co., Inc. (Forged), Easton, Pa.

**12479—Rings (Steel Piston)**

Salt Wm. B. Mfg. Co. (For Steam Hammers, Engines, etc), Aspinwall, Pa.

**12479a— Rings (Teething)**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

**12480— Rings (Timer)**

Continental Fibre Co. ("Bakelite-Dilecto" & "Vulcanized Fibre"), Newark Centre, Del.

**12481— Rings (Tool Post)**

Page Storms Drop Forge Co., Chicopee, Mass.  
Williams J. H. & Co. ("Vulcan" Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**12482— Rings (Trap Door)**

Champion Hardware Co. (Flush), Geneva, Ohio  
Loetcher-Ryan Mfg. Co., Dubuque, Ia.  
Peck Stow & Wilcox Co. (Flush), South- ington, Conn.  
Penn Hardware Co., Reading, Pa.  
Sargent & Co. (Flush), New Haven, Conn.  
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.  
Stover Mfg. Co., Freeport, Ill.

**Rings (Trapeze)**

*See Rings, Gymnasium*

**12483—Rings (Umbrella, Rubber)**

Daval Rubber Co., 69 Point, Providence, R. I.

**12484—Rings (Vest & Split Button)**

Grammes L. F. & Sons, Allentown, Pa.  
Turner & Seymour Mfg. Co., Torrington, Conn.

**12485— Rings (Welded)**

Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.  
American Mfg. Co., Chattanooga, Tenn.  
**STANDARD PARTS CO.** (Steel, All Sizes & Shapes), W 73d, Cleveland, O. *See adv index at end of book*

**12486— Rings (Weldless)**

Akron-Selle Co. (Forged), Akron, O.  
Allegheny Forging Co., 530 4th av, Pittsburgh, Pa.  
Allison & Co., Chester, Pa.  
Crucible Steel Forge Co., 5812 Carnegie av, Cleveland, O.  
Dyson Jos. & Sons, Cleveland, O.  
Hammond Steel & Forging Co. (Forged Steel), Solvay, N. Y.  
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.  
Horsburgh Forging Co., Cleveland, O.  
**JOHNSTON & JENNINGS CO.**, Addison rd & N. Y. C. R. R., Cleveland, O. *See adv index at end of book*  
Ladish Drop Forge Co., Cudahy, Wis.  
Lake Erie Forging Co., Cleveland, O.  
New England Forge Co., Worcester, Mass.  
**OHIO FORGE CO.** (Forged), Cleveland, O. *See adv index at end of book*  
Penna. Forge Co., Wakeling & Bermuda, Phila., Pa.  
Railway Steel Spring Co. (Forged and Rolled Steel), 30 Church, New York  
Standard Steel Works Co. (For Crushing Machinery, etc.), Morris bldg, Phila., Pa.  
Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.

**12487— Rings (Wire)**

American Mfg. Co., Chattanooga, Tenn.  
Bridgeport Chain Co., Bridgeport, Conn.  
Grammes L. F. & Sons, Allentown, Pa.  
Jenkinson R. C. & Co., 293 Washington, Newark, N. J.  
North & Judd Mfg. Co. ("Anchor Brand" Steel), New Britain, Conn.  
Parker Wire Goods Co., Worcester, Mass.  
U. S. Hame Co., Buffalo, N. Y.

**12488— Rings with Staples**

Auer John Jr. (Wrought Trap Door, etc), 197 Middleton, Brooklyn, N. Y.  
Grammes L. F. & Sons, Allentown, Pa.  
Humason & Beckley Mfg. Co. (Wrought), New Britain, Conn.

**12489— Rings (Wood)**

**ESTES E. B. & SONS** (Embroidery, Exercising, Towel, Harness, etc), 358 5th av, New York  
*See adv index at end of book*  
Peters' John M. Sons, Bleecker, N. Y.  
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.

**12490— Rings (Worm Gear)**

Anderson Rolled Gear Co. ("Anderson" Rough Rolled Steel for Auto Worm Drive Rear Axles, etc), Cleveland, O.  
**FOOTE BROS. GEAR & MACHINE CO.** (Bronze), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*  
**GANSCHOW WM. CO.** (Bronze), 1001 Washington boul, Chicago, Ill. *See adv index at end of book*

**12491— Ripeners (Cream)**

Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

**12492— Rivet Busters**

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
Vlcchek Tool Co. ("Vlcchek" Forged Tool Steel), 10711 Quincy av, Cleveland, O.

**12493— Rivet Mfrs.**

*Under this Heading see Sub-classifications*

Ames W. & Co., Communipaw av, Jersey City, N. J.  
American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.  
American Rivet Co., New Haven, Conn.  
Atlas Tack Co., Fairhaven, Mass.  
Baker & Co. (Platinum), 54 Austin, Newark, N. J.  
Ballard Drop Forge Co. ("Ballard"), Seattle, Wash.  
Berry Bros., Columbus, O.  
Bethlehem Steel Co., So Bethlehem, Pa.  
Blake & Johnson Co. (Iron, Steel, Brass & Copper), 1500 Thomaston av, Waterbury, Conn. *See adv index at end of book*  
Burden Iron Co., Troy, N. Y.  
Butler Bolt & Rivet Co., Butler, Pa.  
Carlin Anthony, Cleveland, O.  
Champion Rivet Co., Cleveland, O.  
**CLARK BROS. BOLT CO.**, Milldale, Conn. *See adv index at end of book*  
Cobb & Drew, Plymouth, Mass.  
Coe Brass Branch, Torrington, Conn.  
Columbus Bolt Works Co., Columbus, O.  
Equipoise Rivet Co. (Small), Waterbury, Conn.  
Falls Rivet Co., Kent, O.  
Garland Nut & Rivet Co., Lawrence County, W Pittsburgh, Pa.  
Gary Screw & Bolt Co., Gary, Ind.  
General Mfg. Co. (From All Metals), Waterbury, Conn.  
Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.  
Greenlie-Halliday Co., 499 Water, New York  
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
Hungerford U. T. Brass & Copper Co. (Mfrs Agts), 80 Lafayette, New York  
Kansas City Bolt & Nut Co., Kansas City, Mo.  
Kirk-Latty Mfg. Co., Cleveland, O.  
Lamson & Sessions Co., Cleveland, O.  
Lanz Mathew & Sons, 2907 Carson, Pittsburgh, Pa.  
Lebanon Valley Iron & Steel Co., Lebanon, Pa.  
Linton Mill Co., Linton, Ind.  
Michigan Bolt & Nut Works, Detroit, Mich.  
Milwaukee Tack Co. (Small), 27th & Wahl av, Milwaukee, Wis.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
National Screw & Tack Co., Cleveland, O.  
Nelson W. H. & Son (Small Brass, Copper & Iron), Taunton, Mass.  
Newark Rivet Works, 262 Lafayette, Newark, N. J.  
New Castle Steel & Iron Co., Pittsburgh, Pa.  
New England Bolt Co., Everett, Mass.  
North & Pfeiffer Mfg. Co., Hartford, Conn.  
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.  
Ohio Nut & Bolt Co., Berea, O.  
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
Philips, Townsend & Co., N 4th & Glenwood av, Philadelphia, Pa.  
Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.  
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.



Plume & Atwood Mfg. Co. (Brass, etc), Waterbury, Conn.  
 Plymouth Mills, Plymouth, Mass.  
 Progressive Mfg. Co., Torrington, Conn.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.

**SCOVILL MFG. CO.** (Brass, etc), Waterbury, Conn. *See adv index at end of book*  
 Screw Machine Products Corporation, 1912 Eddy, Providence, R. I.  
 Sessions J. H. & Son, Bristol, Conn.  
 Severence S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Standard Rivet Co., 41 Lincoln, Boston, Mass.  
 Steel Car Forge Co., Pittsburgh, Pa.  
 Thomson Judson L. Mfg. Co., Waltham, Mass.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend Co., New Brighton, Pa.  
 Townsend G. G., Winchendon, Mass.  
 Tubular Rivet & Stud Co., 37 Lincoln, Boston, Mass.  
 Ulster Iron Works, Dover, N. J.  
 Upham V. B. & Bro. (Aluminum, Brass, Copper, Iron, etc), 30 Hudson av, Brooklyn, N. Y.  
 Upson Nut Co., Cleveland, O.  
 Waltham Screw Co., Waltham, Mass.  
 Willson Steel Products Co., 49th & S Western av, Chicago, Ill.

#### 12494—Rivet Sets

**AMERICAN DIE & TOOL CO.** (Air Hammer, etc), Reading, Pa.  
*See adv index at end of book*  
 Atha Tool Co. (Button & Conical Head), Chapel, Newark, N. J.  
 Braunsdorf-Mueller Co., Elizabeth, N. J.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Cleveland Punch & Shear Works Co. Handle, Pneumatic), Cleveland, O.  
 Cleveland Steel Tool Co. (Compression Handle, Pneumatic), Cleveland, O.  
 Drew C. & Co. (Coopers), Kingston, Mass.  
 Eyelet Tool Co., 40 Lincoln, Boston, Mass.  
 Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.  
 Iron City Tool Works, Ltd. (Sheeters), 3201 Smallman, Pittsburgh, Pa.  
 Irvington Mfg. Co., Irvington, N. J.  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Kraeuter & Co., 583 18th av, Newark, N. J.  
 Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.  
 Lowentraut P. Mfg. Co. ("W. S."), 15 Brenner, Newark, N. J.  
 Marchant Geo. F. Co. ("New Process," "Vanadium" Air Hammer), 1420 S Rockwell, Chicago, Ill.  
 Mechanical Specialties Co. (Farmer Pattern), 122 S Michigan av, Chicago, Ill.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*  
 Osborne C. S. & Co. (Harness Makers, Tanners, etc), Harrison, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Rich Tool Co., Railway Exch, Chicago, Ill.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
**SMITH & HEMENWAY CO.** ("Red Devil" Drop Forged), 76 Chambers, New York *See adv index at end of book*  
 Stortz Jno. & Son, 210 Vine, Phila., Pa.  
 Van Doren Mfg. Co. ("Vandor" Rivet Sets & Headers, Tanners' Pattern & Farmers), Chicago Heights, Ill.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

#### 12495—Riveters (Belting & Harness Repairing, Etc.)

*See Also Riveting Machines, Hand*  
 Arcade Mfg. Co. ("Arcade"), Freeport, Ill.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Root-Heath Mfg. Co. ("Ideal"), Plymouth, Ohio

#### Riveters (Hand Power)

*See Pneumatic Compressing Riveters*

#### Riveters (Pneumatic Compression)

*See Pneumatic Compressing Riveters*

#### 12496—Riveters (Steam Hydraulic)

Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*

#### 12497—Riveters & Punch (Combined)

Hanna Engineering Works, 2059 Elston av, Chicago, Ill.

#### Riveting Machines

*See Machinery; also Pneumatic Riveters*

#### 12498—Rivets (Aluminum)

Aluminum Co. of America, Oliver bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.  
*See adv index at end of book*  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hassall Jno. (To Order), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Nelson W. H. & Son, Taunton, Mass.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.

#### 12499—Rivets (Barrel)

Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
 Reading Screw Co., Norristown, Pa.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Townsend G. G., Winchendon, Mass.

#### 12500—Rivets (Belt & Hose)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Atlas Tack Co. (Copper), Fairhaven, Mass.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Equipose Rivet Co., Waterbury, Conn.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.  
 Hassall Jno. (Inc.) (To Order), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hungerford U. T. Brass & Copper Co. (Copper), 80 Lafayette, New York  
 Plume & Atwood Mfg. Co. ("Eagle," Copper), Waterbury, Conn.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Rome Brass & Copper Co., Rome, N. Y.  
 Russell Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Stimpson Edwin B. Co., 68 Franklyn av, Brooklyn, N. Y.  
 Tower Mfg. Co. (Tinned & Coppered Iron Burrs & Rivets), Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upson Nut Co., Cleveland, O.  
 Willson Steel Products Co., 49th & S Western av., Chicago, Ill.

#### 12501—Rivets (Boiler & Tank)

American Equipment Co., Norristown, Pa.  
 Atlas Tack Co., Fairhaven, Mass.  
 Bethlehem Steel Co., So Bethlehem, Pa.  
 Burden Iron Co. (Iron), Troy, N. Y.  
 Carlin Anthony ("Perfection"), Cleveland, O.  
 Champion Rivet Co., Cleveland, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Gary Screw & Bolt Co., Gary, Ind.  
 Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
 Inland Steel Co., First National Bank bldg, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Lebanon Valley Iron & Steel Co., Lebanon, Pa.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 New England Bolt & Steel Co., Everett, Mass.

Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.  
 Rockford Bolt Co., 60 Mill, Rockford, Ill.  
*See adv index at end of book*  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Severence S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Steel Car Forge Co. ("Xcelsior"), Pittsburgh, Pa.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Ulster Iron Works, Dover, N. J.  
 Upson Nut Co., Cleveland, O.

#### 12502—Rivets (Brass & Copper)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Atlas Tack Co. (Rivets & Burrs), Fairhaven, Mass.  
 Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.  
*See adv index at end of book*  
 Bridgeport Brass Co. ("Crown"), Bridgeport, Conn.  
 Clendenin Bros. (Copper Rivets & Burrs), c Central av & Fawn, Baltimore, Md.  
 Cobb & Drew, Plymouth, Mass.  
 Connecticut Mfg. Co., Waterbury, Conn.  
 Elm City Brass & Rivet Co. (Rivets & Burrs), Plainville, Conn.  
 Equipose Rivet Co. (Small), Waterbury, Conn.  
 General Mfg. Co., Waterbury, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hartley Screw Products Co., 65 N. J. RR av, Newark, N. J.  
 Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hendricks Bros. (Copper Only), 49 Cliff, New York  
 Hungerford U. T. Brass & Copper Co. ("Star," All Sizes & Styles), 80 Lafayette, New York  
 Merchant & Evans Co. (Jobbers), 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 Mutual Electric & Machine Co. (Copper), 232 Fort, W. Detroit, Mich.  
 Nelson W. H. & Son, Taunton, Mass.  
 Newark Rivet Works, 262 Lafayette, Newark, N. J.  
 Plume & Atwood Mfg. Co. (Copper Trunk, Braziers', Brass Jacket, etc), Waterbury, Conn.  
 Progressive Mfg. Co., Torrington, Conn.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Rome Brass & Copper Co., Rome, N. Y.  
**SCOVILL MFG. CO.** (Brass Only), Waterbury, Conn.  
*See adv index at end of book*  
 Taunton Rivet Works (Copper Rivets & Burrs), Taunton, Mass.  
 Thomson Judson L. Mfg. Co. (Coppered Slotted Clinch), Waltham, Mass.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend Co., New Brighton, Pa.  
 Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.  
 Waltham Screw Co., Waltham, Mass.  
 Waterbury Brass Goods Corp. (Brass Only), Waterbury, Conn.  
 Waterbury Mfg. Co., Waterbury, Conn.

#### 12503—Rivets (Braziers')

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Hendricks Bros., 49 Cliff, New York  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Plume & Atwood Mfg. Co. (Copper), Waterbury, Conn.  
 Rome Brass & Copper Co., Rome, N. Y.  
**SCOVILL MFG. CO.**, Waterbury, Conn.  
*See adv index at end of book*  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

#### 12504—Rivets (Bridge & Structural)

American Equipment Co., Norristown, Pa.  
 Bethlehem Steel Co., So Bethlehem, Pa.  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Carlin Anthony ("Perfection"), Cleveland, Ohio  
 Champion Rivet Co., Cleveland, O.  
 Foster Bolt & Nut Co., Cleveland, O.



Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Gary Screw & Bolt Co., Gary, Ind.  
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
 Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Kirk-Latty Co., Cleveland, O.  
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.  
 Lebanon Valley Iron & Steel Co., Lebanon, Pa.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 New England Bolt & Nut Co., Everett, Mass.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction RR, Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Severence S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Steel Car Forge Co., Pittsburgh, Pa.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upham V. B. & Bros. (For Ornamental Work), 30 Hudson av, Brooklyn, N. Y.  
 Upson Nut Co., Cleveland, O.

**12505— Rivets (Button)**

Grammes L. F. & Sons, Allentown, Pa.  
 Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*

**12506— Rivets (Car)**

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.  
 American Equipment Co., Norristown, Pa.  
 Bethlehem Steel Co., So Bethlehem, Pa.  
 Columbus Bolt Works Co., Columbus, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Lamson & Sessions Co., Cleveland, O.  
 Lanz Mathew & Sons, 2907 Carson, Pittsburgh, Pa.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction R., Pittsburgh, Pa.  
 Severence S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

**12507—Rivets (Clinch, Bifurcated)**

Equipoise Rivet Co., Waterbury, Conn.  
 Manufacturers' Belt Hook Co., 113 N Green, Chicago, Ill.  
 Standard Rivet Co., 41 Lincoln, Boston, Mass.  
 Thomson Judson L. Mfg. Co., Waltham, Mass.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

**Rivets (Clinch, Slotted)**

*See Rivets, Slotted Clinch*

**12509— Rivets (Coopers')**

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.  
 Berry Bros., Columbus, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Lamson & Sessions Co., Cleveland, O.  
 National Screw & Tack Co., Cleveland, O.  
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.  
 Reading Screw Co., Norristown, Pa.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Tower Mfg. Co. (Countersunk, etc), Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upson Nut Co., Cleveland, O.  
 Waterbury Brass Goods Corporation, Waterbury, Conn.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**12510— Rivets (Corset)**

Nelson W. H. & Son, Taunton, Mass.

**12511— Rivets (Draw Bar)**

Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

**12512— Rivets (Galvanized)**

Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Rockford Bolt Co. (For Corrugated Culverts, etc), 60 Mill, Rockford, Ill.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**12513—Rivets (German Silver)**

Blake & Johnson, 1500 Thomaston av, Waterbury, Conn.  
*See adv index at end of book*  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Nelson W. H. & Son, Taunton, Mass.  
 Progressive Mfg. Co., Torrington, Conn.  
 Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.  
 Waltham Screw Co., Waltham, Mass.

**12514— Rivets (Hame)**

American Rivet Co., New Haven, Conn.  
 Cleveland Wrought Washer Co., Cleveland, O.  
 Colton Mfg. Co., Montpelier, Vt.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 National Screw & Tack Co., Cleveland, O.  
 Reading Screw Co., Norristown, Pa.  
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Standard Rivet Co., 41 Lincoln, Boston, Mass.  
 Thomson Judson L. Mfg. Co., Waltham, Mass.  
 Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

**12515— Rivets (Hinge)**

Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**12516—Rivets (Norway Iron)**

Atlas Tack Co., Fair Haven, Mass.  
 Newark Rivet Works (Black, Coppered & Tinned), 262 Lafayette, Newark, N. J.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upson Nut Co., Cleveland, O.

**12517—Rivets (Phosphor Bronze)**

Townsend C. C. & E. P. Co., New Brighton, Pa.

**12518— Rivets (Platinum)**

American Platinum Works (For Spark Coils), Oliver & N. J. R. R. av, Newark, N. J.  
 Baker & Co., 54 Austin, Newark, N. J.  
 Bender Henry, 42 Walnut, Newark, N. J.

**12519— Rivets (Pronged)**

Grammes L. F. & Sons, Allentown, Pa.  
 Standard Rivet Co. (For Fastening Leather, Cloth, etc), 41 Lincoln, Boston, Mass.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

**Rivets (Ship)**

*See Rivets, Boiler & Tank*

**12520— Rivets (Shovel)**

Berry Bros., Columbus, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Reading Screw Co., Norristown, Pa.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

**12521—Rivets (Slotted Clinch)**

Thomson Judson L. Mfg. Co., Waltham, Mass.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

**12522— Rivets (Soft Metal)**

Peck E. E. & Co. (For Mending Enameled Ware, etc.), Batavia, N. Y.

**12522a—\*Rivets (Special)**

Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*

**12523— Rivets (Stove)**

Berry Bros., Columbus, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 Lamson & Sessions Co., Cleveland, O.  
 Ohio Nut & Bolt Co., Berea, O.  
 Reading Screw Co., Norristown, Pa.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

**12524— Rivets (Tinner's)**

Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.  
 Atlas Tack Co., Fairhaven, Mass.  
 Berry Bros., Columbus, O.  
 Central Stamping Co., 174 Fulton, New York  
 Cleveland Wrought Washer Co., Cleveland, O.  
 Cobb & Drew, Plymouth, Mass.  
 Elm City Brass & Rivet Co., Plainville, Conn.  
 Foster Bolt & Nut Co., Cleveland, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Grand Crossing Tack Co., S Chicago av, & E 79th, Chicago, Ill.  
 Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 Lamson & Sessions Co., Cleveland, O.  
 Merchant & Evans Co. (Black & Tan), 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 Milwaukee Tack Co. (Flat Head), 27th & Wahl av, Milwaukee, Wis.  
 National Screw & Tack Co., Cleveland, O.  
 Nelson W. H. & Son (Small), Taunton, Mass.  
 Ohio Nut & Bolt Co., Berea, O.  
 Plume & Atwood Mfg. Co. (& Burs), Waterbury, Conn.  
 Reading Screw Co., Norristown, Pa.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Stanley Geo. W. Co., Belleville, Ill.  
 Taunton Rivet Works, Taunton, Mass.



Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
**Townsend Co., New Brighton, Pa.**  
 Upham V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.  
 Upson Nut Co., Cleveland, O.  
**Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.**

### 12525— Rivets (Tire)

**Columbus Bolt Works Co., Columbus, O.**  
 Eagle Bolt & Forging Co., Cleveland, O.  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Lamson & Sessions Co., Cleveland, O.  
 Ohio Carriage Mfg. Co., S High, Columbus, O.  
**Skelly Thos P. Bolt Co., 24th & Carlton, Phila., Pa.**  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upson Nut Co., Cleveland, O.

### 12526— Rivets (Trunk)

Hassall Jno. (Inc), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Plume & Atwood Mfg. Co. (Oval Head, Copper), Waterbury, Conn.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

### 12527— Rivets (Tubular)

Equipoise Rivet Co., Waterbury, Conn.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Thomson Judson L. Mfg. Co., Waltham, Mass.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

### 12528— Rivets (Wagon Box)

Berry Bros., Columbus, O.  
 Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*  
 Cleveland Wrought Washer Co., Cleveland, O.  
**Columbus Bolt Works Co., Columbus, O.**  
 Garland Nut & Rivet Co., Lawrence County, West Pittsburgh, Pa.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Upson Nut Co., Cleveland, O.  
**Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.**

### 12529— Rivets (Wire)

Grammes L. F. & Sons, Allentown, Pa.  
 Townsend C. C. & E. P. Co., New Brighton, Pa.

### Rivets & Burrs (Brass & Copper)

*See Rivets, Brass & Copper*

### 12530— Road Binders & Preservatives

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.  
**Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.**  
**Barber Asphalt Paving Co. ("Trinidad") Liquid & "Bermudez" Road Asphalt), Land Title bldg, Phila., Pa.**  
**Barrett Co. ("Tarvia" for Macadam & Gravel Roads), 17 Battery pl, New York**  
 Central Commercial Co., 111 N Market, Chicago, Ill.  
 Chatfield Mfg. Co. ("Tarcote"), Carthage, Cincinnati, O.  
 Chelsea Refining Co., Chelsea, Okla.  
 Clarendon Refining Co., Warren, Pa.  
 Dolarway Paving Co., 17 Battery pl, New York  
 Dustoline For Roads Co. ("Dustoline" for Road), Summit, N. J.  
 Emery Mfg. Co., Bradford, Pa.  
**Empire Oil Works, Oil City, Pa. Works: Reno, Pa.**  
 Gulf Refining Co. ("Asphatol"), Frick bldg annex, Pittsburgh, Pa.  
**Headley Good Roads Co. ("Biconac"), 801 S 30th, Phila., Pa.**

Indian Refining Co. (For Macadam & Gravel Roads), 44 Whitehall, New York  
 International Asphalt Co., 133 W Wash, Chicago, Ill.  
**King Refining Co. (Oil), 53 Sutter, San Francisco, Cal.**  
 Lewis F. J. Mfg. Co. ("Lewis's" Road Tar), 2513 S Robey, Chicago, Ill. Works, Moline, Ill.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville, Pa.  
 Pierce Oil Co., Bank of Com. bldg., St. Louis, Mo.  
 Pure Oil Co. ("Roadoil"), Lafayette bldg, Phila., Pa.  
 Solvay Process Co. ("Solvay" Granulated Calcium Chloride), Syracuse, N. Y.; Hutchinson, Kan., & Detroit, Mich.  
 Speare's Alden Sons Co. ("Tascol"), 156 6th, Boston, Mass.  
 Standard Asphalt & Rubber Co. ("Sarco"), 208 S LaSalle, Chicago, Ill.  
 Standard Oil Co. of Cal. ("Richmond" Road Oil), 200 Bush, San Francisco, Cal.  
 Standard Oil Co. of N. J. (Road Oils), 26 B'way, New York  
 Standard Oil Co. of N. Y. ("Standard" Asphalt, Emulsifying Macadam Binders & Road Oils), 555 W 25th, New York  
 Sun Co., Finance bldg, Phila., Pa.  
 Texas Co. ("Texaco," Macadam Binder, etc), 17 Battery pl, New York  
 Toltec Mexican Oil Co. ("Toltec," Road Oil), 90 West, New York  
 United Gas Improvement Co. ("Ugite"), Phila., Pa.  
 U. S. Asphalt Refining Co. ("Aztec" Road Binder, "Toltec" Road Oil), 90 West, New York  
 Wadsworth Stone & Paving Co. ("Kentuck" Road Asphalt for Macadam & Gravel Roads), Lambert & P R R, Pittsburgh, Pa.  
 Warren Refining Co., Warren, Pa.  
 Waverly Oil Works Co. (Oils), Pittsburgh, Pa.

### 12531— Road Levelers

Acme Road Machinery Co., Frankfort, N. Y.  
 American Road Machinery Co., Kennett sq, Pa.  
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill., & Harvey, Ill.  
 Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.  
**CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.**  
*For branch offices see adv index at end of book*  
 Elkhart Bridge & Iron Co., Elkhart, Ind.  
 Glide Road Machine Co., 501 S E Huron, Minneapolis, Minn.  
 Kilbourne & Jacobs Mfg. Co., Columbus, O.  
 Ohio Road Machinery Co. ("Shuart" Land & "Little Yankee," Contractors' Sub-Grade), Oberlin, O.  
**PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.**  
*See adv index at end of book*  
 Sidney Steel Scraper Co. (Tongue Scraper, Leveler & Ditcher), Sidney, O.  
 Stroud Thos F. & Co. ("Stroud"), Omaha, Neb.

### 12532—Road Machines & Graders

Acme Road Machinery Co. (Reversible), Frankfort, N. Y.  
 Adams J. D. & Co., Indianapolis, Ind.  
 American Road Machinery Co., Kennett sq, Pa.  
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill., & Harvey, Ill.  
 Baker Mfg. Co. ("XXth Century" Graders), 1000 Stanford av, Springfield, Ill.  
 Beach Mfg. Co., Charlotte, Mich.  
 Buffalo Springfield Roller Co., Springfield, Ohio  
 Buffalo Steam Roller Co., Springfield, O.  
 Case J. I. Threshing Machine Co., ("Case" Graders), Racine, Wis.  
 Chase Foundry & Mfg. Co. ("Chase Economy" Graders), 2700 S Parsons av, Columbus, O.  
*See adv index at end of book*  
**CHICAGO BRIDGE & IRON WORKS, 2015 Old Colony bldg, Chicago, Ill.**  
*For branch offices see adv index at end of book*  
 Deere & Co. (Graders), Moline, Ill.  
 Edwards C. D., Albert Lea, Minn.

Gallon Iron Wks. Co. ("Galion," "Ideal," "Premium"), Galion, O.  
**Glide Road Machine Co., 501 S E Huron, Minneapolis, Minn.**  
 Good Roads Machinery Co. ("Climax"), Kennett Square, Pa.  
 Hollenbeck Mfg. Co. (Elevating Graders), Holdrege, Neb.  
 International Ditching & Road Machinery Co. ("Martin"), Owensboro, Ky.  
 Linder Grader Co. ("Linder" Steel Reversible), Matthews, Ind.  
 Marion Steam Shovel Co., P. O. Box 505, Marion, O.  
 Mayer Bros. Co. (Rotary Graders), Man-kato, Minn.  
 Ohio Road Machinery Co. ("Shuart," "Ohio," Reversible "Little Yankee," Land Graders), Oberlin, O.  
 Osgood Co., Marion, O.  
 Philip Rossman, Stockport, N. Y.  
**PITTSBURGH-DES MOINES STEEL CO., 4th & Ross, Pittsburgh, Pa.**  
*See adv index at end of book*  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Russell Grader Mfg. Co. ("Simplex Russell" Reversible & Elevating Graders), 2005 Univ. av, S E, Minneapolis, Minn.  
 Smith & Sons Mfg. Co., Kansas City, Mo.  
 Stroud Thos F. & Co. (Blade Elevating Graders), Omaha, Neb.  
 Western Wheeled Scraper Co., Aurora, Ill.  
 Zieg F. B. Mfg. Co. ("Panama," 2 & 4 Horse), Frederickstown, O.

### 12533—Road Oilers or Distributors

American Road Machinery Co., Kennett sq, Pa.  
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.  
 Burlingame A. Co. (For Hot Asphaltic Oils), Worcester, Mass.  
 Cressy Walter ("Pillsbury"), Gloucester, Mass.  
 Daniels Road Oiling Co., 171 Westminster, Providence, R. I.  
 Etnyre E. D. & Co. ("Etnyre"), Oregon, Ill.  
 French Walter S., Moorestown, N. J.  
 International Motor Co., 252 W 64th, New York  
 Irish Wm. F., Elec. Supplies ("Johnson"), 19 W 36th, New York  
 Kinney Mfg. Co., 3529 Washington, Boston, Mass.  
 MacLeod Co., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book*  
 Mills Iron Works, 927 N Main, Los Angeles, Cal.  
 New England Contracting Co., Worcester, Mass.  
 Standard Mfg. Co. ("Johnston"), Worcester, Mass.  
 Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.  
 Studebaker Corp., South Bend, Ind.  
 Union Iron Works ("Eldus" Hand Drawn), Hoboken, N. J.  
 Universal Road Machy. Co. ("Reliance"), Kingston, N. Y.  
 Van Dorn Iron Works Co. (For Oiling Streets), 2700 E 79th, Cleveland, O.

### 12534— Road Scarifiers

Acme Road Machinery Co., Frankfort, N. Y.  
 American Road Machinery Co., Kennett Square, Pa.  
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.  
 Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.  
 Buffalo Springfield Roller Co., Springfield, Ohio  
 Buffalo Steam Roller Co., Springfield, O.  
 Galion Iron Works & Mfg. Co., Galion, O.  
 Huber Mfg. Co., Marion, O.  
 Hvass Chas. & Co., 511 E 18th, New York  
 Lehigh Foundry Co., Fullerton, Pa.  
 Ohio Road Machinery Co., Oberlin, O.  
 Port Huron Engine & Thresher Co. ("Port Huron"), Port Huron, Mich.  
 Universal Road Machinery Co. ("Porcupine"), Kingston, N. Y.

### 12535—Road Scrapers (Drag & Wheel)

Acme Road Machinery Co. (Drag & Wheel), Frankfort, N. Y.  
 American Road Machinery Co. (Drag & Wheel), Kennett sq, Pa.  
 American Steel Scraper Co. (Drag & Wheel), Sidney, O.



Baker Mfg. Co. ("Baker Maney" 4 Wheel Scraper), 1000 Stanford av, Springfield, Ill.  
 Beach Mfg. Co., Charlotte, Mich.  
 Chattanooga Wheelbarrow Co. (Drag & Wheel), Chattanooga, Tenn.  
**CHICAGO BRIDGE & IRON WORKS**, (Drag), 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Corrugated Metal Co. (Road Drags), Emporia, Kans.  
 Donaldson Bros. (Drag), Mount Clemens, Mich.  
 Fresno Agri'l Wks. (Drag), Fresno, Cal.  
 Galion Iron Works & Mfg. Co. ("Universal," "Standard," "Ideal," "Competition," "Adjustable Road Drag"), Galion, Ohio.  
 Good Roads Machy. Co., Kennett sq, Pa.  
 Gowanda Architectural Works (Drag Only), Gowanda, N. Y.  
 Herschel R. Mfg. Co., Peoria, Ill.  
 Hollenbeck Mfg. Co., Holdrege, Neb.  
 Holt Mfg. Co. (Drag), Stockton, Cal.  
 Jackson Mfg. Co. (Drag Only), Harrisburg, Pa. *See adv index at end of book*  
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
 Kilbourne & Jacobs Mfg. Co. ("Boss," "Columbus," "Cub" Drag), Columbus, Ohio.  
 Lansing Co. (Steel), Lansing, Mich.  
 Lehr Agricultural Co. (Drag), Fremont, O.  
 Linder Grader Co., Matthews, Ind.  
 Mechanical Mfg. Co. ("Stubbs" Wheeled), Union Stock Yards, Chicago, Ill.  
**PITTSBURGH-DES MOINES STEEL CO.** (Drag), Pittsburgh, Pa.  
*See adv index at end of book*  
 Road Supply & Metal Co. (Adjustable Road Drag & Stationary), Topeka, Kans.  
 Russell Grader Mfg. Co. (Road Drags), 2005 Univ av, S E, Minneapolis, Minn.  
 Sherwin E. C. & Son, Brandon, Wis.  
 Sidney Steel Scraper Co. ("Haslup," "Sidney," "Dreadnaught," "Ground Hog," "Fresno"), Sidney, O.  
 Skow Mfg. Co. ("Newton" Drag), Newton, Ia.  
 Slusser-McLean Scraper Co. ("Leader"), Sidney, O.  
 Smith & Sons Mfg. Co. ("Royal" Drag & Wheel), Kansas City, Mo.  
 Stroud Thos. F. & Co., Omaha, Neb.  
 Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Toledo Wheelbarrow Co. ("Bull Frog," "Buckeye" & "Maumee"), 2400 B'way, Toledo, O.  
 Western Wheeled Scraper Co. ("Western," "Columbian" Drag & Wheel), Aurora, Ill.  
 Wilder-Strong Implement Co. (Drag), Monroe, Mich.  
 Wyatt F. Mfg. Co. ("Jayhawk" Drags), Salina, Kans.  
 Zieg F. B. Mfg. Co. ("Panama" Drags), Fredericktown, O.

### 12536—Roasters (Coffee & Peanut)

See also Coffee, Peanut & Cocoa Bean Roasting Machines

Atsatt Bros. ("Acme"), Mattapoisett, Mass.  
 Bartholomew Co. ("Stunner," "Rival," "Ripper," "Nickel Mint" & "Boss" Peanut), Peoria, Ill.  
 Bay Gottfried, 537 W 50th, New York  
 Burns Jabez & Sons (C), 600 W 43rd, New York  
 Crandall Pettee Co. (P), 135 Hudson, New York  
 Cretors C. & Co. (Peanut), 620 W 22d, Chicago, Ill.  
 Deer A. J. Co. ("Royal"), Hornell, N. Y.  
 Dunbar & Co. ("Chicago"), 2652 W Lake, Chicago, Ill.  
 Frazer Mfg. Co., 573 Henderson, Jersey City, N. J.  
 Hart Wm., 34 Catherine, New York  
 Hilbert Machine Co. (P), 2116 Colerain, Cincinnati, O.  
 Hubbard S. B. Co., Jacksonville, Fla.  
 Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.  
 Kingery Mfg. Co. (Peanut Only), 420 E Pearl, Cincinnati, O.  
 Lally M. & Co. ("Peerless"), 29 W 3rd, Cincinnati, Ohio  
 Lambert Machine Co. (C. & P.), ("Lambert"), Marshall, Mich.  
 Long W. Z. Co., Springfield, O.  
 Meek Oven Co. ("Meek" Gas for Peanuts), Newburyport, Mass.

Mills Thos. & Bro., Thompson & 8th, Phila., Pa.  
 Originator Manufacturing Co. ("Wheat-craft" Package & Roaster), 302 B'way, New York  
 Phillips & Butterff Mfg. Co. (Peanut Only), Nashville, Tenn.  
 Stutsman R. O. Co., Des Moines, Ia.  
 Whitman Agl. Co. (C. & P.), St. Louis, Mo.

### 12537—Roasters & Baking Pans

Aluminum Mfg. Co. (Aluminum Roasters), Des Moines, Ia.  
 American Stamping & Enameling Co. ("Corona" Enameled Roasters) Bel-laire, O.  
 National Enameling & Stamping Co. ("Nesco" Empire Pat'n), 411 5th av, New York  
 Republic Metalware Co. The, ("Savory"), Buffalo, N. Y.  
 Silver & Co. ("Royal"), 308 Hewes, Brooklyn, N. Y.  
 Toledo Cooker Co. ("Every Day", "Ideal"), Toledo, O.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept), Wheeling, W. Va.

### 12538-9—Robes (Carriage & Lap)

American Buffalo Robe Co. (Carriage, Plush, Lap, Automobile, Baby Carriage), Buffalo, N. Y.  
 Auto Comfort Robe Co. ("Comfort"), Gloversville, N. Y.  
 Ayres Wm. & Sons (Lap), 3rd & Cumberland, Phila., Pa.  
 Beckman N. O. Company (Wood Carriage & Automobile), Fulton rd, N W, Cleveland, O.  
 Bishop J. H. Co. (Carriage, Fur), Wyandotte, Mich.  
 Buell Mfg. Co. (Carriage, Woolen) St. Joseph, Mo.  
 Burlington Blanket Co. ("Sho-Fur"), Burlington, Wis.

**CHASE**

**PLUSH AND  
WOOL  
MOTOR ROBES**

Curtis & Von Bernuth Mfg. Co. (Carriage), 88 W B'way, New York  
 Davis Geo. W. (Inc.) ("Davis" Woolen), Worcester, Mass.  
 Draper Bros. Co. (Waterproof Automobile & Carriage), Canton, Mass.  
 Esmond Mills, Esmond, R. I.  
 Eugene Woolen Mill Co., Eugene, Ohio  
 Goodyear Rubber Co. & Rubber Clothing Co. (Lap), 787 B'way, New York  
 Gordon J. P. Co. (Radiator & Engine), Columbus, O.  
 Hodgman Rubber Co. ("Hodgman") 8 W 40th, N. Y.  
 Hoenigsberger, A. (Fur), 16 S Market, Chicago, Ill.  
 Holyoke Plush Co. (Plush), Holyoke, Mass.  
 Kay Thos. Woolen Mill Co., Salem, Ore.  
 Kroh C. Z. Mfg. Co. ("Kroh" Storm), Toledo, Ohio.  
 Mianus Mfg. Co. (Plush Lap), Coscob, Conn.  
 Newichawanick Co. (Carriages), South Berwick, Me.  
 New York Lap Rope Co., 219 Greene, New York  
 North Star Woolen Mill Co. (Carriage), 228 S 2d, Minneapolis, Minn.  
 Oregon City Mfg. Co. (Woolen Carriage), Oregon City, Ore.  
 Peters & Herron Dash Co. (Automobile), Gift & Culbertson, Columbus, O.  
 Pollitz Le Fort & Keon, 3rd & Huntington, Philadelphia, Pa.  
 Riley Wm. B. & Co. (Carriage, Lap & Automobile), 238 Chestnut, Philadelphia, Pa.  
 Sanford Mills (Plush), Sanford, Me.  
 Saxonsville Mills (Carriage), 93 Summer, Boston, Mass.  
 Shayne C. C. & Co. (Fur), 126 W 42nd, New York  
 Stafford's James Sons, Krams av, Phila., Pa.  
 Stroock Plush Co. (Plush), Newburgh, N. Y.  
 Wallace Hugh Co. (Cloth & Fur Carriage Robes), Blvd & Orleans, Detroit, Mich.

### Rock Crusher Parts

See Castings, Rock Crusher

### Rock Face Steel Siding

See Steel Brick & Rock Face Siding

### 12540—Rock Salt Mfrs.

Retsof Mining Co., 2 Rector, New York  
 Wadsworth Salt Co., Wadsworth, O.

### Rock Wool

See Mineral Wool

### 12540a—\*Rockers (Blotter)

ESTES E. B. & SONS, 358 5th av, New York.  
*See adv index at end of book*

### 12541—Rockers (Carboy)

Elmer & Amend ("Flaherty") 205 3rd av, New York  
 Munning Loeb Co. ("Nonesuch"), Matawan, N. J.

### Rods (Aluminum)

See Aluminum, Sheets & Rods

### 12542—Rods (Anchor or Guy)

American Equipment Co., Norristown, Pa.  
 Amos Chas. & Co., 640 Hart av, Detroit, Mich.  
 Bethlehem Steel Co., So Bethlehem, Pa.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Cleveland City Forge & Iron Co., Cleveland, O.  
 Crouse-Hinds Co. ("Adjustarod"), Syracuse, N. Y.  
 Galvanized Products Co., Phillipsburgh, N. J.  
 Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.  
 Hallett Iron Works ("Hallett"), Harvey, Ill.  
 Hubbard & Co. (Drop Forged & Welded Eyes), 63rd & Butler, Pittsburgh, Pa.  
 Joslyn Mfg. Co. & Supply Co., Chamber of Com bldg, Chicago, Ill.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Lanz Mathew & Sons, 2907 Carson, Pittsburgh, Pa.  
 Line Material Co., South Milwaukee, Wis.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
**PITTSBURGH - DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.  
 Republic Iron & Steel Co., Youngstown, O.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Smith Thos. Co., Worcester, Mass.  
 Wrought Washer Mfg. Co., Milwaukee, Wis.

### 12543—Rods (Awning)

Empire Galvanizing Co. (Galvanized) 2507 E Cumberland, Philadelphia, Pa.  
 Hubbard & Co. (Galvanized Iron), 63rd & Butler, Pittsburgh, Pa.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

### 12543a—\*Rods (Bessemer)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Frasse Peter A. & Co., Inc., 417 Canal, New York.  
*Works: Hartford, Conn.*  
*See adv index at end of book*

### 12544—Rods (Bessemer Coppered)

Washburn Wire Co., Phillipsdale, R. I.  
 Youngstown Sheet & Tube Co., Youngstown, O.

### 12545—Rods (Black Steel)

Kidd Drawn Steel Co., Alliquippa, Pa.



**12546—Rods (Brace)**

American Equipment Co., Norristown, Pa.  
**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Pittsburgh Knife & Forge Co. (Car  
 Frame), 709 Belmont, Pittsburgh, Pa.  
 Wrought Washer Mfg. Co., Milwaukee,  
 Wis.

**12547—Rods (Brake Lever Connect-  
ing)**

Bethlehem Steel Co., So Bethlehem, Pa.  
 Cambria Steel Co., Widener bldg, Phila-  
 delphia, Pa.  
 Cleveland City Forge & Iron Co., Cleve-  
 land, O.  
 Kansas City Bolt & Nut Co., Kansas City,  
 Mo.  
 Michigan Electric Welding Co. (Automob-  
 ile Assemblies), Detroit, Mich.  
 Pressed Steel Car Co., 307 5th av, Pitts-  
 burgh, Pa.  
 Western Steel Car & Foundry Co., 37 W  
 Van Buren, Chicago, Ill.

**12548—Rods (Brass & Copper)**

**AMERICAN BRASS CO.,** Waterbury,  
 Conn.  
*For branch offices see adv index at end of book*  
**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Besly Chas. H. & Co. (Jobbers), 120-H N  
 Clinton, Chicago, Ill.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Bristol Brass Co. (Brass Only), Bristol,  
 Conn.  
 Champion Metals Co., 446 N. La Salle,  
 Chicago, Ill.  
**CHASE METAL WORKS,** Waterbury,  
 Conn.  
**CHASE ROLLING MILL CO.,** Waterbury,  
 Conn.  
 Chicago Screw Co. (High Brass Only),  
 13 N Jefferson, Chicago, Ill.  
 Dallas A. C. & Son, 225 N Jefferson, Chi-  
 cago, Ill.  
 Detroit Copper & Brass Rolling Mills (Also  
 Bronze), Detroit, Mich.  
 French Mfg. Co. (Irregular Shapes & Solid  
 Drawn), Waterbury, Conn.  
 Gardner B. M. Co., Citizens bldg, Cleve-  
 land, O.  
 Hendricks Bros. (Copper Only), 49 Cliff,  
 New York  
 Hungerford U. T. Brass & Copper Co.  
 (Yellow Metal & Tobin Bronze) 80 La-  
 fayette, New York  
 Manhattan Brass Co., 333 E 26th, New  
 York  
**MERCHANT & EVANS CO. (Jobbers),**  
 2035 Washington av, Philadelphia, Pa.  
*See adv index at end of book*  
 Michigan Copper & Brass Co. (Also  
 Bronze), Detroit, Mich.  
 New Jersey Tube Co. (Brass Only), Harri-  
 son, N. J.  
 Philadelphia Brass Co., East Down-  
 town, Pa.  
 Plume & Atwood Mfg. Co., Waterbury,  
 Conn.  
 Randolph-Clowes Co., Waterbury, Conn.  
 Riverside Metal Co. (Red & Yellow Brass,  
 Brass Only), Riverside, N. J.  
 Rome Brass & Copper Co. (Brass &  
 Bronze), Rome, N. Y.  
**SCOVILL MFG. CO. (Brass Only),** Wa-  
 terbury, Conn.  
*See adv index at end of book*  
 Standard Underground Cable Co., Pitts-  
 burgh, Pa.  
 Taunton-New England Copper Co. (Copper  
 Only), Taunton, Mass.  
**TRUMBOUR-WHITEHEAD BRASS &**  
**COPPER CO.,** 309-311 Canal, New York,  
 & 43 No 7th, Phila., Pa.  
*See adv index at end of book*  
 Waclark Wire Co. (Copper Only), 20 Ex-  
 change pl, New York  
 Waterbury Rolling Mills, Waterbury, Conn.  
**WHITEHEAD METAL PRODUCTS CO.,**  
 67-73 Washington North, Boston, Mass.  
*See adv index at end of book*

**12549—Rods (Bridge & Roof)**

American Bolt Co., Birmingham, Ala.  
 American Equipment Co., Norristown, Pa.  
 Bayonne Bolt & Nut Co., Bayonne, N. J.  
 Bethlehem Steel Co., So Bethlehem, Pa.

**CHICAGO BRIDGE & RON WORKS,**

2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Cleveland City Forge & Iron Co., Cleveland,  
 O.  
 Excelsior Fence Co., Spokane, Wash.  
 Frelinger J. G. Iron Works, 115 W 2d,  
 Cincinnati, O.  
 Gary Screw & Bolt Co., Gary, Ind.  
 Graham Nut Co., 1317 W Carson, Pitts-  
 burgh, Pa.  
 Hastings Foundry & Iron Works, Hastings,  
 Neb.  
 Hedden Iron Construction Co., 207 Market,  
 Newark, N. J.  
 Hoopes & Townsend Co., Broad & Bot-  
 tonwood, Philadelphia, Pa.  
 Huntington Iron Works, Huntington, W.  
 Va.  
 Kansas City Bolt & Nut Co., Kansas City,  
 Mo.  
 Lake Erie Iron Co., Cleveland, O.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh,  
 Pa.  
 Lebanon Valley Iron & Steel Co., Lebanon,  
 Pa.  
 Maryland Bolt Co., Continental bldg, Bal-  
 timore, Md.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis,  
 Mo.  
 Michigan Bolt & Nut Works, Detroit,  
 Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida,  
 St. Louis, Mo.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 New Castle Steel & Iron Co., Pittsburgh,  
 Pa.  
 New England Bolt Co., Everett, Mass.  
 Old Dominion Iron & Nail Works Co., Belle  
 Isle, Richmond, Va.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Payne's Bolt Works, 133 Howard, San  
 Francisco, Cal.  
**PITTSBURGH-DES MOINES STEEL CO.,**  
 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pittsburgh Forge & Iron Co., 1003 Penn  
 av, Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co., 709 Bel-  
 mont, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction  
 R. R., Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Preble av,  
 Pittsburgh, Pa.  
 Preble Edw., 103 Sumner, E B, Boston,  
 Mass.  
 Racky Albert C., 531 S 5th av, Chicago,  
 Ill.  
 Republic Iron & Steel Co., Youngstown, O.  
 Roe & Conover, 206 Frelinghuysen av,  
 Newark, N. J.  
*See adv index at end of book*  
**ST. PAUL FOUNDRY CO.,** Como av &  
 Mackubin, St. Paul, Minn.  
*See adv index at end of book*  
 Scranton Bolt & Nut Co., Scranton, Pa.  
 Smith Thos. Co., Worcester, Mass.  
 Wendt Albert H., 456 E 2d, Cincinnati, O.  
 Worden-Allen Co., P. O. Box 528, Milwau-  
 kee, Wis.

**12550—Rods (Bronze)**

*See also Rods, Manganese Bronze*  
**AMERICAN BRASS CO.,** Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Cramp Wm. & Sons Ship & Engine Bldg.  
 Co., Beach & Ball, Philadelphia, Pa.  
 Gardner B. M. Co., Citizens bldg, Cleve-  
 land, O.  
 Riverside Metal Co., Riverside, N. J.  
 Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*  
 Titan Metal Co., Bellefonte, Pa.  
 Vanadium Metals Co., Vanadium bldg,  
 Pittsburgh, Pa.

**12551-2—Rods (Camber)**

Bethlehem Steel Co., So Bethlehem, Pa.

**Rods (Carbon)**

*See Carbon Mfrs.*

**12553—Rods (Chair)**

Corbin Screw Corp., New Britain, Conn.  
 Lamson & Sessions Co., Cleveland, O.  
 National Screw & Tack Co., Cleveland, O.  
 Reed & Prince Mfg. Co. (Wood Screw  
 Point), Worcester, Mass.  
 Russell Burdsall & Ward Bolt & Nut Co.,  
 Port Chester, N. Y.

**12554—Rods (Conduit Wiring &  
Cleaning)**

Bissell F. Co. ("Security"), Toledo, O.  
 Bond H. L. Co. ("Felton"), 391 Atlantic  
 av, Boston, Mass.  
 Cleverly Electrical Wks, 17 N 17th, Phila.  
 Pa.  
 Cope T. J. ("Cope's"), 1620 Chancellor,  
 Philadelphia, Pa.  
**DIAMOND EXPANSION BOLT CO. ("Em-  
 pire," "Go-Easy," "Trident"),** 89  
 West, New York  
*See adv index at end of book*  
 Meckel Fred L., 11 E 13th, Chicago, Ill.  
 National Metal Molding Co. (Automobile  
 & Metallic), Fulton bldg, Pittsburgh,  
 Pa.  
 Standard Underground Cable Co. ("Em-  
 pire," Duct Rods), Pittsburgh, Pa.

**12555—Rods (Connecting)**

American Forge Works, 1421 13th, Den-  
 ver, Colo.  
 Anderson Forge & Machine Co., Detroit,  
 Mich.  
 Bay City Forge Co., 1820 Cranberry, Erie,  
 Pa.  
 Bayonne Bolt & Nut Co., Bayonne, N. J.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
 Boston Forge Co., E Boston, Mass.  
 Brylgon Steel Casting Co. (Cast Steel),  
 New Castle, Pa.  
 Cambria Steel Co., Widener bldg, Phila-  
 delphia, Pa.  
 Carnegie Steel Company, Carnegie bldg,  
 Pittsburgh, Pa.  
 Chester Steel Castings Co., 407 Sanson,  
 Phila., Pa.  
 Cleveland City Forge & Iron Co., Cleve-  
 land, O.  
 Columbus Anvil & Forging Co., Columbus,  
 O.  
 Crucible Steel Co. of America (Forged),  
 Oliver bldg, Pittsburgh, Pa.  
 Driggs-Seabury Ordnance Co., Sharon,  
 Pa.  
 Ellwood City Forge Co., Ellwood City, Pa.  
 Erie Forge Co. (Forged), Erie, Pa.  
 Graham Nut Co., 1317 W Carson, Pitts-  
 burgh, Pa.  
 Hill-Smith Metal Goods Co., 88 Pearl,  
 Boston, Mass.  
 Horsburgh Forging Co., Cleveland, O.  
 Ingalls-Shepard Forging Co., 332 S Michi-  
 gan, Chicago, Ill.  
 Kansas City Bolt & Nut Co., Kansas City,  
 Mo.  
 Keystone Drop Forge Works, Chester, Pa.  
 Kropp Forge Co., 2512 W 21st, Chicago, Ill.  
 Leard Wm. E., New Brighton, Pa.  
 Lodish Drop Forge Co., Cudahy, Wis.  
 Mesta Mach. Co. (Forged Steel), Pitts-  
 burgh, Pa. *See adv index at end of book*  
 Midvale Steel Co., Phila., Pa.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 Ohio Forge Co. (Forged), Cleveland, O.  
*See adv index at end of book*  
 Page Storms Drop Forge Co. (Drop  
 Forged), Chicago, Ill.  
 Pennington Geo. W. Sons, 1699 Mont-  
 gomery, San Francisco, Cal.  
 Penna. Forge Co., Wakeling & Bermuda,  
 Philadelphia, Pa.  
 Pettibone, Mulliken & Co., 14 S Dearborn,  
 Chicago, Ill.  
 Phila. Steel & Forge Co., 50 Church, New  
 York  
 Pittsburgh Knife & Forge Co., 709 Bel-  
 mont, (Brake Lever), N S., Pitts-  
 burgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction  
 RR, Pittsburgh, Pa.  
 Pratt & Letchworth Co., Buffalo, N. Y.  
 Reading Iron Co., Reading, Pa.  
 Richmond Forgings Corp. (Drop Forged),  
 Richmond, Va.  
 Sizer Forge Co., 233 Larkin, Buffalo, N. Y.  
 Smith A. O. Co. (Drop Forged), Milwau-  
 kee, Wis.  
**STANDARD GAUGE STEEL CO.,** Beaver  
 Falls, Pa. *See adv index at end of book*  
 Steel Products Co., 2206 Clarkwood av,  
 S E, Cleveland, O.  
 Tindel-Morris Co., Eddystone, Pa.  
 Titusville Forge Co., Titusville, Pa.  
 Transue & Williams Steel Forging Corp.  
 (Drop Forged), Alliance, O.  
 Union Drop Forge Co. (Drop Forged), 353  
 W Grand, Chicago, Ill.  
 Vulcan Steam Forging Co., 251 Rano, Buf-  
 falo, N. Y.



Western Drop Forge Co. (Drop Forged),  
P. O. Box 386, Marion, Ind.  
*See adv index at end of book*  
Western Tool & Forge Co. (Automobile),  
Breckenridge, Pa.  
Williams J. H. & Co., 156 Hamilton av,  
Brooklyn, N. Y.

**12556— Rods (Core)**

Franklin Core Rod & Gagger Co., Frank-  
lin, Pa.

**12557— Rods (Curtain)**

American Pin Co. ("Ampinco" Extension),  
Waterbury, Conn.  
American Ring Co., Waterbury, Conn.  
Barrett W. C. & Bro. ("Barrett" Flexible),  
603 N La Salle, Chicago, Ill.  
Berbecker & Rowland Mfg. Co. (& Brass  
Curtain Fixtures), Waterville, Conn.  
Blake Signal & Mfg. Co. ("Snap" Exten-  
sion), 251 Causeway, Boston, Mass.  
Bogert & Hopper (Wooden), 67 Barclay,  
New York  
Estes E. B. & Sons (Wooden), 358 5th av,  
New York *See adv index at end of book*  
Fowler & Co., Worcester, Mass.  
Gould-Mesereau Co. (Extension), 52 W  
38th, New York  
Henry C. P. Novelty Co. (Extension), 184  
Early, Providence, R. I.  
Morgan Spring Co. ("Fowlor"), Worcester,  
Mass.  
Newell Mfg. Co. (Brass, Steel & Brass  
Plated Extension), Ogdensburg, N. Y.  
Parker Wire Goods Co. (Sash & Drapery  
Extension), Worcester, Mass.  
Richards Benj. & Co., Winsted, Conn.  
Spencer Wire Co., Worcester, Mass.  
Turner & Seymour Mfg. Co., Torrington,  
Conn.  
Wire Goods Co., Worcester, Mass.

**12558— Rods (Dock)**

American Equipment Co., Norristown, Pa.  
Cleveland City Forge & Iron Co., Cleve-  
land, O.  
Continental Bolt & Iron Works, 2225 W  
43rd, Chicago, Ill.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Pittsburgh Rivet Co., 38th & Junction  
RR, Pittsburgh, Pa.

**12558a— Rods (Dowel)**

Established 1847 **E. B. ESTES & SONS**  
Manufacturers of

**White Birch and Hardwood Dowel Rods**

Grooved and Pointed Furniture Dowel Pins, Beaded and  
Rope Twist Dowels, Spindles, Knobs, Betwells and  
Automatic Lathe Work for Furniture Factories.  
358 5th AVENUE NEW YORK CITY

**12559— Rods (Drill)**

**AMERICAN STEEL & WIRE CO.**, 208 E  
La Salle, Chicago, Ill.  
*See adv index at end of book*  
Century Steel Co. of Am., 120 B'way, New  
York  
Colonial Steel Co. (Vanadium & Other  
Steel) 324 4th av, Pittsburgh, Pa.  
Crucible Steel Co. of America (Polished,  
Scoured, Lime-Finished High Speed  
Steel), Oliver bldg, Pittsburgh, Pa.  
**FRASSE PETER A. & CO. (INC.)**  
("Brunton's," Also High Speed), 417  
Canal, New York  
*See adv index at end of book*  
Globe Wire Co. (Ltd.) (Polished), Sharps-  
burg, Pa.  
Halcumb Steel Co. (Crucible Steel), Syra-  
cuse, N. Y.  
Kidd Drawn Steel Co. (Polished, Square &  
Special), Aliquippa, Pa.  
Lancaster Steel Products Co., Lancaster,  
Pa.  
Logan Iron & Steel Co. (Iron), Burnham,  
Pa.  
National Drawn Steel Co., East Liverpool,  
Ohio  
National Tube Co. ("SHELBY" Seamless  
Steel Tubing), Frick bldg, Pittsburgh,  
Pa. *See adv index at end of book*  
Oil Well Supply Co., 215 Water, Pitts-  
burgh, Pa.  
Peerless Drawn Steel Co., Massillon, O.

Pittsburgh Tool Steel Wire Co. ("Monaca,"  
"Champion"), Monaca, Pa.  
Spencer Wire Co. (High Speed Steel)  
Worcester, Mass.  
**WETHERELL BROS. CO.**, 31 Oliver,  
Boston, Mass. *See adv index at end of book*

**12560—Rods (End Measuring)**

Brown & Sharpe Mfg. Co., Providence  
R. I.  
Slocumb J. T. Co., 35 Oxford, Providence,  
R. I.

**12561— Rods (Eye)**

*See also Bolts, Hook & Eye*  
Anderson Forge & Machine Co., Detroit,  
Mich.  
Bethlehem Steel Co., So. Bethlehem, Pa.  
Cleveland City Forge & Iron Co., Cleve-  
land, O.  
Kansas City Bolt & Nut Co., Kansas  
City, Mo.  
Lanz M. & Sons, 2907 Carson, Pittsburgh,  
Pa.  
Michigan Bolt & Nut Works, Detroit,  
Mich.  
Moran Bolt & Nut Mfg. Co., 1st & Florida,  
St. Louis, Mo.  
National Bolt & Nut Co., Pittsburgh, Pa.  
New Castle Steel & Iron Co., Pittsburgh,  
Pa.  
Pittsburgh Knife & Forge Co., 709 Bel-  
mont, Pittsburgh, Pa.  
Pittsburgh Rivet Co., 38th & Junction  
R. R., Pittsburgh, Pa.  
Scranton Bolt & Nut Co., Scranton, Pa.

**Rods (Fibre)**

*See Fibre, Hard*

**12562— Rods (Fishing)**

Bogert & Hopper Co. (Wooden), 67 Bar-  
clay, New York  
Divine Fred D. Co., Utica, N. Y.  
Estes E. B. & Sons (Wooden), 358 5th av,  
New York. *See adv index at end of book*  
Heddon Jas. & Son ("Dowagiac"), Dow-  
agiac, Mich.  
Horrocks-Ibbotson Co., Utica, N. Y.  
Horton Mfg. Co. ("Bristol," "Rainbow,"  
"Luckie" Steel), Bristol, Conn.  
Mitchell Wm. A. (Wood, etc), 446 Canal,  
New York  
Montague City Rod Co., Montague City,  
Mass.  
Orvis Chas. F. (Split Bamboo), Manches-  
ter, Vt.  
Payne E. F. & Son, Highland Mills, N. Y.  
Pepper John, Sr., Rome, N. Y.  
Redifor Rod & Reel Co. ("Redifor," Bam-  
boo & Hardwood), Warren, O.  
Thomas F. E. ("Thomas" Split Bamboo),  
Bangor, Me.  
Union Hardware Co. (Steel), Torrington,  
Conn.  
Van Doren Mfg. Co. ("Champion" Steel),  
Chicago Heights, Ill.

**12563—Rods (Gauging & Wantage)**

Kraft A. C. (Barrel), 323 W Lake, Chi-  
cago, Ill.  
Lufkin Rule Co., Saginaw, Mich.  
Tagliabue Chas. J. Mfg. Co., 20 33d,  
Brooklyn, N. Y.

**12564—Rods (German Silver)**

**AMERICAN BRASS CO.**, Waterbury,  
Conn.  
*For branch offices see adv index at end of book*  
Besly Chas. H. & Co. (Jobbers), 120-H  
N Clinton, Chicago, Ill.  
Bridgeport Brass Co., Bridgeport, Conn.  
Plume & Atwood Mfg. Co., Waterbury,  
Conn.  
Reeves Paul S. & Co., 1415 Catharine,  
Phila., Pa.  
Riverside Metal Co., Riverside, N. J.  
**SCOVILL MFG. CO.**, Waterbury, Conn.  
*See adv index at end of book*  
Seymour Mfg. Co., Seymour, Conn.  
Shimer, McGlynn & Co., 19th & Washing-  
ton av, Philadelphia, Pa.  
Trumpbour-Whitehead Brass & Copper Co.,  
309-311 Canal, New York, & 43 No 7th,  
Phila., Pa. *See adv index at end of book*  
Whitehead Metal Products Co., 67-73  
Washington, North Boston, Mass.  
*See adv index at end of book*

**Rods (Glass)**

*See Tubing, Glass*

**Rods (Gun Cleaning)**

*See Tools, Gun Cleaning & Reloading*

**Rods (Hard Fibre)**

*See Fibre, Hard*

**12565—Rods (Hollow Drill)**

Crucible Steel Co. of America (Steel),  
Oliver bldg, Pittsburgh, Pa.  
Seamless Tube Co. of America (Seamless  
Cold Drawn Steel), Frick bldg, Pitts-  
burgh, Pa.

**12566— Rods (Hydrant)**

American Foundry & Mfg. Co., 11th &  
Herbert, St. Louis, Mo.  
Hauer J. B., 23 Richardson, Brooklyn, N.Y.  
Hays Mfg. Co., Erie, Pa.  
Salem Brass & Iron Mfg. Co., Salem, N. J.  
Sanitary Cesspool Co., 333 S 20th, Phila.,  
Pa.

**12567— Rods (Leveling)**

Buff & Buff Mfg. Co., 98 Green, Jamaica  
Plains, Boston, Mass.  
Chicago Steel Tape Co., 6231 Cottage  
Grove av, Chicago, Ill.  
Gurley W. & L. E. & Stabia Rods, Troy,  
N. Y.  
Keuffel & Esser, Hoboken, N. J.

**12568—Rods (Manganese Bronze)**

American Manganese Bronze Co., 3501  
Rhawn, Philadelphia, Pa.  
Cramp Wm. & Sons Ship & Engine Build-  
ing Co. ("Parson's"), Phila., Pa.  
Economy Welding Machine Co. ("Econo-  
my"), Kansas City, Mo.  
Reeves Paul S. & Co. (Rolled), 1415 Cath-  
arine, Phila., Pa.  
Riverside Metal Co., Riverside, N. J.

**12569—Rods (Manganese Steel)**

Manganese Steel Rail Co., 30 Church, New  
York

**12570— Rods (Measuring)**

Aloe A. S. Co., 621 Olive, St. Louis, Mo.  
Brown & Sharpe Mfg. Co., Providence,  
R. I.  
Elliott B. K. Co. (Level & Mine), 126  
6th, Pittsburgh, Pa.  
Keuffel & Esser Co., Hoboken, N. J.  
Pratt Engineering & Machine Co. (Acid),  
Atlanta, Ga.  
Pratt & Whitney Co., Hartford, Conn.  
Scott Olin (Est. of) (U. S. Standard),  
Bennington, Vt.  
Slocumb J. T. Co., 35 Oxford, Providence,  
R. I.

**12571— Rods (Mitre)**

Disston Henry & Sons (Masons), Tacony,  
Phila., Pa.

**12572—\*Rods (Monel Metal)**

Driver-Harris Co., Harrison, N. J.  
**SUPPLEE-BIDDLE HARDWARE CO.**,  
5th & Commerce, Phila., Pa.  
*See adv index at end of book*  
**WILLIAMS & CO. (INC.)**, 220-226 Penn  
av, Pittsburgh, Pa.  
*See adv index at end of book*

**12573—Rods (Morris Chair)**

Berbecker & Rowland Mfg. Co. (Brass),  
Waterville, Conn.

**12574—\*Rods (Naval Bronze)**

**AMERICAN BRASS CO.**, Waterbury,  
Conn.  
*For branch offices see adv index at end of book*

**12574a— \*Rods (Nickel)**

**WILLIAMS & CO. (INC.)**, 220-226 Penn.  
av, Pittsburgh, Pa.  
*See adv index at end of book*

**12575—Rods (Phosphor Bronze)**

Hungerford U. T. Brass & Copper Co., 80  
Lafayette, New York  
**MERCHANT & EVANS CO.**, 2035 Wash-  
ington av, Philadelphia, Pa.  
*See adv index at end of book*



Phosphor Bronze Smelting Co., 2200 Washington av., Philadelphia, Pa.  
 Reeves Paul S. & Co. (Rolled), 1415 Catharine, Phila., Pa.  
 Riverside Metal Co., Riverside, N. J.  
 Seymour Mfg. Co., Seymour, Conn.  
 Shimer, McGlynn & Co., 19 & Washington av., Philadelphia, Pa.  
 Trumbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, & 43 No 7th, Philadelphia, Pa.  
*See adv index at end of book*  
 Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.  
*See adv index at end of book*

## 12576— Rods (Piston)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.  
 American Forge Works, Denver, Col.  
 Bay City Forge Co., 1820 Cranberry, Erie, Pa.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
 Boston Forge Co. (Steel), E Boston, Mass.  
 Braeburn Steel Co. (Steel), Braeburn, Pa.  
 Brightman Mfg. Co., Columbus, O.  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Carbon Steel Co., ft 32d, Pittsburgh, Pa.  
 Chambersburg Engng Co. (Hammers), Chambersburg, Pa.  
 Columbia Steel & Shafting Co., Rankin, Pa.  
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
 Driggs-Seabury Ordnance Co., Sharon, Pa.  
 Erie Forge Co. (Heads, Hollow Bored or Solid), Erie, Pa.  
 Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.  
 Midvale Steel Co., Phila., Pa.  
 Penna. Forge Co., Wakeling & Bermuda, Philadelphia, Pa.  
 Phila. Steel & Forge Co., 50 Church, New York  
 Phosphor Bronze Smelting Co., 2200 Washington av., Phila., Pa.  
 Reading Iron Co., Reading, Pa.  
 Reeves Paul S. & Co. (Red & Yellow Brass, Bronze, also "Tubal" Manganese, Phosphor & Acid Resisting Bronze), 1415 Catharine, Phila., Pa.  
 Republic Iron & Steel Co. (Cold Drawn Polished Steel), Youngstown, O.  
 Riverside Metal Co. (Red & Yellow Brass, Bronze, Manganese Bronze, Phosphor & Acid Resisting Bronze), Riverside, N. J.  
 Standard Steel Wks. Co., Morris bldg, Phila., Pa.  
 Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.  
 Titusville Forge Co., Titusville, Pa.  
 Union Drawn Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.

## Rods (Platinum)

See Platinum, Sheet & Wire

## 12577— Rods (Pump)

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
*See adv index at end of book*  
 Bliss & Laughlin, Harvey, Ill.  
 Bridgeport Brass Co. ("Crown"), Bridgeport, Conn.  
 Brightman Mfg. Co., Columbus, O.  
 Cook August D., Lawrenceburg, Ind.  
 Fitzsimons Co. (Polished Steel), Youngstown, O.  
 Jones & Laughlin Steel Co. (Cold Rolled Steel), Ross, Pittsburgh, Pa.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Reeves Paul S. & Co. (Red & Yellow Brass, Bronze, also "Tubal" Manganese, Phosphor & Acid Resisting Bronze), 1415 Catharine, Phila., Pa.  
 Republic Iron & Steel Co. (Cold Drawn Polished Steel), Youngstown, O.  
 Riverside Metal Co. (Red & Yellow Brass), Phosphor Bronze, Manganese & Acid Resisting Bronze), Riverside, N. J.  
**ROEBLING'S JOHN A. SONS CO., Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.**  
*See adv index at end of book*  
 Taunton-New Bedford Copper Co. (Yellow Metal), Taunton, Mass.

Union Drawn Steel Co. (Cold Drawn Steel), Beaver Falls, Pa.  
**WILLIAMS & CO. (INC.) (Monel Metal), 220-226 Penn av., Pittsburgh, Pa.**  
*See adv index at end of book*

## 12577a—\*Rods ("Pyralin")

**du PONT E. I. de NEMOURS & CO. (The Arlington Wks.), (Transparent & Opaque Colored & Colorless), 725-27 B'way, New York**

## 12578— Rods (Rake)

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
*See adv index at end of book*

## 12579— \*Rods (Resistance)

**DIXON JOSEPH CRUCIBLE CO. ("Dixon's" Graphite), Jersey City, N. J.**  
*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.**  
*See adv index at end of book*

## 12580— Rods (Rivet)

Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.

## 12581—Rods (Roller Bearing)

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
*See adv index at end of book*  
 Union Drawn Steel Co. (Cold Drawn High Carbon Steel), Beaver Falls, Pa.  
 Washburn Wire Co., Phillipsdale, R. I. & 118th & H R, New York

## Rods (Rubber)

See Rubber Rods & Sheets

## 12582—Rods (Sash Curtain)

Cassady Fairbank Mfg. Co. (Spring), 6126 S La Salle, Chicago, Ill.  
 Morgan Spring Co. (Detachable), Worcester, Mass.  
 Res Mfg. Co. ("Res"), 2907 Meinecke av., Milwaukee, Wis.  
 Turner & Seymour Mfg. Co., Torrington, Conn.  
 Wire Goods Co. (Adjustable), Worcester, Mass.

## 12583— Rods (Screw)

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
*See adv index at end of book*  
 Cambria Steel Co. (Cold Drawn & Cold Rolled, etc), Widener bldg, Phila., Pa.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Fitzsimons Co. (Polished Steel), Youngstown, O.  
 Jones & Laughlin Steel Co. (Steel Bessemer), Ross, Pittsburgh, Pa.  
 Parker Chas. Co., Meriden, Conn.  
 Peck, Stow & Wilcox Co. ("Samson"), Southington, Conn.

## 12584— Rods (Sewer)

Bissell F. Co. ("Security," That Joint & Unjoint), Toledo, O.  
 Bond Harold L. Co. ("Felton's"), 391 Atlantic av, Boston, Mass.

## 12585— Rods (Side)

American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.  
 Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.  
 Erie Forge Co. (For Brick Machines), Erie, Pa.  
 Standard Steel Wks. Co., Morris bldg, Phila., Pa.

## 12586— Rods (Silo)

American Equipment Co., Norristown, Pa.  
**ERIE CAR WORKS, 1150 W 17th, Erie, Pa.**  
 Inland Steel Co. (Open Hearth Steel), First Nat'l Bank bldg, Chicago, Ill.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

## 12587— Rods (Stair)

Berbecker & Rowland Mfg. (Brass Plated), Waterville, Conn.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Judd H. L. Co., 87 Chambers, New York  
 Kroder John & Hy. Reubel Co. (Wood, etc), 107 E 17th, New York  
 Turner & Seymour Mfg. Co. (Metal), Torrington, Conn.

## 12588— Rods (Steel)

Colonial Steel Co. (Crucible Steel), 324 4th av, Pittsburgh, Pa.

## Rods (Steel Hammer)

See Rods & Rams, Steel Hammer

## 12589— Rods (Stove)

Adams Company (Slotted Heads), Dubuque, Ia.  
 American Screw Co., 21 Stevens, Providence, R. I.  
 Berry Bros. (And Seat), Columbus, O.  
 Boston Forge Co. (Steel), E, Boston, Mass.  
 Braeburn Steel Co. (Steel), Braeburn, Pa.  
 Brightman Mfg. Co., Columbus, O.  
 Cambria Steel Co., Johnstown, Pa.  
 Carbon Steel Co., ft. 32d, Pittsburgh, Pa.  
 Columbia Steel & Shafting Co., Rankin, Pa.  
 Corbin Screw Corporation, New Britain, Conn.  
 Crucible Steel Co. of America, Pittsburgh, Pa.  
 Driggs-Seabury Ordnance Corp., Sharon, Pa.  
 Fanner Mfg. Co., Cleveland, O.  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 Kirk-Latty Mfg. Co., Cleveland, O.  
 Lamson & Sessions Co., Cleveland, O.  
 Michigan Bolt & Nut Wks., Detroit, Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 National Screw & Tack Co., Cleveland, O.  
 Ohio Nut & Bolt Co., Berea, O.  
 Reed & Prince Mfg Co., Worcester, Mass.  
 Russell, Burdall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Troy Nickel Works, Albany, N. Y.  
 Upson Nut Co., Cleveland, O.  
 Washburn Wire Co., Phillipsdale, R. I., & 118th & E R, New York  
 Wehrle Co., Newark, O.

## 12590— Rods (Sucker)

Axelson Machine Co. ("Axelson"), 1406 San Fernando, Los Angeles, Cal.  
 Beede M. W. & Son, Jefferson, O.  
 Columbus Sucker Rod Co. (Wood, for Oil & Water Wells), Columbus, O.  
 Cook August D. (Wood), Lawrenceburg, Ind.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Kile Mfg. Co., Akron, O.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Vogan J. P., Franklin, Pa.  
 Warren Tool & Forge Co. (Elevator), Warren, O.  
 Weinman Pump Mfg. Co. (Wood), 800 Spruce, Columbus, O.

## Rods (Tedder)

See Rods, Rake

## 12591— Rods (Threaded)

American Equipment Co., Norristown, Pa.  
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
 Niles Mfg. Co. (Brass), 216 S Jefferson, Chicago, Ill.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Pheoll Mfg. Co., 3700 W 12th, Chicago, Ill.

## 12592— Rods (Tie)

American Bridge Co. (For Steel Railways, Roofs, etc), 30 Church, New York  
 American Equipment Co., Norristown, Pa.  
 Ames W. & Co., Communipaw av, Jersey City, N. J.  
 Bayonne Bolt & Nut Co., Bayonne, N. J.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Champion Iron Co. (Beam), Kenton, O.  
 Cleveland City Forge & Iron Co., Cleveland, O.



Easton Car & Construction Co., 4th st, Easton, Pa.  
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 Huntington Iron Works, Huntington, W. Va.  
 Illinois Car & Mfg. Co., 20 W Jackson Blvd., Chicago, Ill.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
 Lebanon Valley Iron & Steel Co., Lebanon, Pa.  
 Maryland Bolt Co., Continental bldg, Baltimore, Md.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
 Republic Iron & Steel Co., Youngstown, O.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.  
*See adv index at end of book*  
 Scranton Bolt & Nut Co., Scranton, Pa.  
 Steel Car Forge Co. (Upset or Plain Threaded), Frick bldg, Pittsburgh, Pa.  
 Works: Ellwood City, Pa.  
 Western Tool & Forge Co., Brackenridge, Pa.

### 12593—\*Rods ("Tobin" Bronze & Copper)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

### 12594— Rods (Towel)

*See also Racks, Towel*

American Tube & Stamping Co. (Removable, Adjustable, Can Be Made Any Length), Bridgeport, Conn.  
 Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Stephenson C. H. ("Stephenson" Glass & Metal), Lynn, Mass.

### Rods (Truss)

*See Rods, Bridge & Roof*

### 12594a— \*Rods (Umbrella)

Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*

### 12595— Rods (Upset)

American Bridge Co., 30 Church, New York  
 Bayonne Bolt & Nut Co., Bayonne, N. J.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Cleveland City Forge & Iron Co., Cleveland, O.  
 Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.  
**ERIE CAR WORKS**, 1150 W 17th, Erie, Pa.  
 Gary Screw & Bolt Co. (With Upset or Plain Ends), Gary, Ind.  
 Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
 Illinois Car & Mfg. Co., 20 W Jackson Blvd., Chicago, Ill.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 National Bolt & Nut Co., Pittsburgh, Pa.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.  
 Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co. (With Upset or Plain Ends), Preble av, Pittsburgh, Pa.

**ST. PAUL FOUNDRY CO.**, Como av & Mackubin, St. Paul, Minn.

*See adv index at end of book*  
 Steel Car Forge Co., Pittsburgh, Pa.  
 Valley Forging Co., Verona, Pa.

### 12596—Rods (Ventilator Controlling)

Peters Jas. & Son, 1934 N Front, Phila., Pa.

### 12597—Rods (Vulcanized Fibre)

*See also Fibre, Hard*

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.  
 Continental Fibre Co. (Also "Bakelite-Dilecto" & "Continental Bakelite"), Newark Centre, Del.  
**DELAWARE HARD FIBRE CO.**, Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*  
 Diamond State Fibre Co., Elsmere, Del.

### 12598— Rods (Welding)

Bierman-Everett Foundry Co., Irvington, N. J.  
 Boston Casting Co., 156 Pearl, Boston, Mass.  
 Economy Welding Machine Co. (Aluminum, Brass, Cast Iron, Phosphor Bronze, Steel & Swedish Wire), Kansas City, Mo.  
 Metal Products Co., 29 Central, Boston, Mass.

### 12599—Rods (White Metal)

Riverside Metal Co., Riverside, N. J.  
 Seymour Mfg. Co., Seymour, Conn.

### 12600— Rods (Wire)

**AMERICAN STEEL & WIRE CO.** (Of Open Hearth & Bessemer Steel), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Ashland Steel Co. (Bessemer Steel), Ashland, Ky.  
 Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Carpenter Steel Co., Reading, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Grand Crossing Tack Co. (Bessemer & Open Hearth), S Chicago av & E 79th, Chicago, Ill.  
 Gulf States Steel Co., Birmingham, Ala.  
 Illinois Steel Co., 208 S La Salle, Chicago, Ill.  
**INTERSTATE IRON & STEEL CO.**, Grand Crossing, Chicago, Ill.  
*See adv index at end of book*  
 Kokomo Steel & Wire Co. (Small), Kokomo, Ind.  
 Page Woven Wire Fence Co., Adrian, Mich.  
 Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
 Standard Underground Cable Co. (Copper Wire Only), Pittsburgh, Pa.  
 Washburn Wire Co., Phillipsdale, R. I. & 118th & H R, New York  
 Wickwire Bros., Cortland, N. Y.

### 12601— Rods (Wood Saw)

Disston H. & Sons, Tacony, Phila., Pa.  
 Sargent & Co. ("Ajax"), New Haven, Conn.

### 12602—Rods (Yellow Metal)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

### 12603— Rods (Zinc)

Edes Mfg. Co., Plymouth, Mass.  
 Merchant & Evans Co. (For Battery & Other Purposes), 2035 Washington av, Phila., Pa. *See adv index at end of book*

**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL REGISTER**

### 12604—Rods & Rams (Steel Hammer)

Bay City Forge Co., 1820 Cranberry, Erie, Pa.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
 Erie Forge Co. (Enlarged Base, Rectangular), Erie, Pa.  
 Titusville Forge Co., Titusville, Pa.

### 12605—Roll Bars & Bed Plates (Paper Mill Engine)

American Knife Co., Baldwinsville, N. Y.  
 Anderson Knife & Bar Co., Anderson, Ind.  
 Clark H. C. & Son Machine Co., Lee, Mass.  
 Dillon Machine Co., Lawrence, Mass.  
 Dilts Machine Works (Special Alloy Roll Bars for Beating Engines), Fulton, New York  
 Dowd R. J. Knife Works, Beloit, Wis.  
 Eagle Knife & Bar Co., Lawrence, Mass.  
 Hankey A. & Co., Rochdale, Mass.  
 Holyoke Bar Co., Holyoke, Mass.  
 Horne J. H. & Sons Co., Lawrence, Mass.  
 Mills Machine Co., Lawrence, Mass.  
 Noble & Wood Machine Co., Hoosic Falls, N. Y.  
 Shartle Bros. Machine Co., Middletown, O.  
 Simonds A. A. & Son Co., Dayton, O.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
 Taylor, Stiles & Co., Riegelsville, N. J.

### 12606—Roll Grinding & Corrugating

Acme Mill Works, Greensboro, N. C.  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Am. Metallic Packing Co., Lexington, Ky.  
 Barnard Mfg. Co., Spokane, Wash.  
 Barnard & Less Mfg. Co., Moline, Ill.  
 Barry-Wehmler Machinery Co., 6501 Florissant, St. Louis, Mo.  
 Bollinger Bros., Fulton bldg, Pittsburgh, Pa.  
 Buffalo Engine Co., Buffalo, N. Y.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Cornelius Mill Furnishing Co., 119 W 6th, St. Louis, Mo.  
 Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.  
 Nashville Machine Co., Nashville, Tenn.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Noye Bros. Co., Buffalo, N. Y.  
 Portland Iron Works, 14th & Northrup, Portland, Ore.  
 Reilly A. E., 12 Barnes alley, Buffalo, N. Y.  
 Rochester Roll Grinding & Corrugating Co., Rochester, N. Y.  
 Salem Foundry & Machine Works, Salem, Va.  
 Silver Bros. Iron Works Co., Salt Lake City, Utah  
 Simpson-Orville Co., Cincinnati, O.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Starr B. F. Co., Guilford av & Center, Baltimore, Md.  
 Strong-Scott Mfg. Co., 413 S 3rd, Minneapolis, Minn.  
 Western Foundry & Machine Works, Topeka, Kans.  
 Wolf Co., Chambersburg, Pa.

### 12607— Roller Coasters

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.

### Roller Mills

*See Mills, Roller Grinding*

### 12608— Roller Skate Parts

Worcester Pressed Steel Co., Worcester, Mass.

### 12609—Roller & Pulverizer Combined

Bucher & Gibbs Plow Co., Canton, O.  
 Crookston Mfg. Co., Crookston, Minn.  
 Duisdieker Foundry & Mfg. Co. ("Cyclone"), Pekin, Ill.  
 Dunham Co. ("Dunham"), Berea, O.  
 Fulton Machine Co. ("The Cyclone"), Canal, Fulton, O.  
 Lean Roderick Mfg. Co. ("Roderick Lean"), Mansfield, Ohio  
 Ohio Cultivator Co. (Sizes 6, 7½, 9, 12 ft.), Bellevue, O.  
 Peterson Mfg. Co., Kent, O.  
 Sterling Mfg. Co., Sterling, Ill.



**12610—Rollers (Awning)**

Columbia Mills (Formerly Columbia Shade Cloth Co.), 225 5th av, New York  
 Stephenson Mfg. Co. (Wood), South Bend, Ind.

**12611—Rollers (Barn Door)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Arnold Co., Norwalk, Conn.  
 Cheney S. & Son, Manlius, N. Y.  
 Griffin Mfg. Co., Erie, Pa.  
 Hunt, Helm, Ferris & Co., Harvard, Ill.  
 Lawrence, Bros., ("Union," "Faultless"), Sterling, Ill.  
 National Mfg. Co., Sterling, Ill.  
 Ney Mfg. Co., Canton, O.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hardware Co., Reading, Pa.  
 Reading Hardware Co., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Swineford G. A. Co., Canton, O.  
 Wrightsville Hardware Co., Wrightsville, Pa.

**12612—Rollers (Barn Door, Stay)**

Aurora Door Hanger & Specialty Co., Aurora, Ill.  
 Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 Frantz Mfg. Co. ("Glide"), Sterling, Ill.  
 Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*  
 National Mfg. Co., Sterling, Ill.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn. Hardware Co., Reading, Pa.  
 Richards-Wilcox Mfg. Co. ("Richards-Wilcox"), Aurora, Ill.  
 Sargent & Co., New Haven, Conn.  
 Stowell Co., The, So. Milwaukee, Wis.

**12613—Rollers (Cable)**

(For Pulling in Cables)

Bissell F. Co., Toledo, O.  
 Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.

**Rollers (Car Curtain)**

*See* Rollers & Fixtures. Car Curtain

**12614—Rollers (Car Door Lumber)**

American Logging Tool Co., Evart, Mich.  
 Zelnicker Walter A. Supply Co. ("Zelnicker"), 325 Locust, St. Louis, Mo.

**12615—Rollers (Concrete)**

Buffum Tool Co. ("Swastika," Bush Hammer, Indentation, etc), South Side, Louisiana, Mo.  
 Crescent Novelty Mfg. Co. ("Crescent," also Fancy Rollers for Walls & Walks, Bronze & Iron), 703 S B'way, St. Louis, Mo.  
 Kramer Bros. Foundry Co. ("Gem" Hand Rollers for Cement Sidewalks), Dayton, O.  
 Ransome Concrete Machinery Co., Dunellen, N. J.

**Rollers (Copper Printing)**

*See* Textile Machinery, Etc

**12616—Rollers (Drawer, Ball Bearing)**

Pressed Steel Mfg. Co. ("Knipe"), The Land Title bldg, Phila., Pa.  
 Reflector & Hardware Specialty Mfg. Co., 2235 S Western av, Chicago, Ill.

**12617—Rollers (Fibre)**

American Vulcanized Fibre Co., Equitable bldg, Wilmington, Del.  
**SPAULDING J. & SONS CO.** (Hard Fibre), P. O. Box 52, Tonawanda,

N. Y. *See adv index at end of book*

**Rollers (Flue)**

*See* Expanders, Tube

**12618—Rollers (Gasoline Road)**

Ohio Tractor Mfg. Co., (Tractor & Roller Combined) Marion, O.

**12619—Rollers (House Movers')**

Brunner & Lay (also Machinery Movers'), 570 W Polk, Chicago, Ill.  
 Oshkosh Mfg. Co. (Also Machinery), Oshkosh, Wis.

**12620—Rollers (Incline)**

Gustafson Mfg. Co., Chattanooga, Tenn.

**12621—Rollers (Land & Field)**

American Bell & Foundry Co., Northville Mich.  
 American Road Machinery Co., Kennett sq, Pa.  
 American Scale Co., Kansas City, Mo.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Arnold's W. G. Son, Ionia, Mich.  
 Avery B. F. & Sons, Louisville, Ky.  
 Barley Thos. K., Sedalia, Mo.  
 Beatrice Iron Works, Beatrice, Neb.  
 Belcher & Taylor Agricultural Tool Co Chicopee Falls, Mass.  
 Brillion Iron Works, Brillion, Wis.  
 Brinly Hardy Co., Louisville, Ky.  
 Bucher & Gibbs Plow Co. (Steel, T-Bar Tubular, Clod Crushers & Pulverizers), Canton, O.  
 Buch's A. Sons Co., Elizabethtown, Pa.  
 Conner J. W. & Son (Cast-Head & Bolted Plank), Orangeville, Pa.  
 Deats Hiram Jr., Pittstown, N. J.  
 Deutscher H. P. Co., Hamilton, O.  
 Donaldson Bros. (Iron & Wooden), Mount Clemens, Mich.  
 Duisdieker Foundry & Mfg. Co. (Clod Crushers), Pekin, Ill.  
 Dunham Co. ("Water-Weight," "Gold Medal"), Berea, O.  
 Everts Mfg. Co., Meridian, N. Y.  
 Gale Mfg. Co. (Steel or Wooden Frame), Albion, Mich.  
 Genesee Valley Mfg. Co., Mount Morris N. Y.  
 Gowanda Agricultural Works, Gowanda, N. Y.  
 Greenville Implement Co., Greenville Mich.  
 Harder Mfg. Co., Cobleskill, N. Y.  
 Harriman Mfg. Co., Harriman, Tenn.  
 Harrison W. R. & Co., Massillon, O.  
 Imboden Harrow & Roller Co., Cleona, Pa.  
 Johnston Harvester Co., Batavia, N. Y.  
 King Drill Mfg. Co., Nebraska City, Nebr.  
 Lean Roderick Mfg. Co. ("Roderick Lean", Steel Land & Corn), Mansfield, O.  
 Lehr Agricultural Co. (Steel Shell), Fremont, O.  
 Messenger Mfg. Co., Tatamy, Pa.  
 Mountville Mfg. Co. ("Superior"), Mountville, Pa.  
 Munnsville Plow Co. (Steel or Wood), Munnsville, N. Y.  
 Ohio Cultivator Co., Bellevue, O.  
 Ohio Rake Co., Dayton, O.  
 Patterson Mfg. Co., Holly, Mich.  
 Peek's S. H. Sons, East Aurora, N. Y.  
 Peterson Mfg. Co., Kent, O.  
 Ripson Wm. & Son, Youngstown, N. Y.  
 Sheer E., Lincoln, Ill.  
 Sherwin E. C. & Son, Brandon, Wis.  
 Tanner D. F., Holland, N. Y.  
 Thompson J. Plow Works, Beloit, Wis.  
 Thornburgh Mfg. Co. ("Champion" & "National"), Bowling Green, O.  
 Topeka Foundry & Mfg. Co. (For Packing Soil), Topeka, Kans.  
 Weaver & Co. ("Ideal"), New Oxford, Pa.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
 Whitman Agricultural Works Co. St. Louis, Mo.  
 Wilder-Strong Implement Co., Monroe, Mich.  
 Yorks Henry (Machinists'), Honeoye Falls, N. Y.

**Rollers (Lawn Mower)**

*See* Rollers, Wood

**12622—Rollers (Lawn & Garden)**

American Road Machinery Co., Kennett sq, Pa.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Buch's A. Sons Co. ("Keystone"), Elizabethtown, Pa.  
 Buffalo Springfield Roller Co. (Landscape Only, Steam & Gasoline), Springfield, O.  
 Donaldson Bros. Mount Clemens, Mich.  
 Dunham Co. ("Water Weight" Cast Iron & Steel), Berea, O.  
 Gowanda Agricultural Works, Gowanda, N. Y.

Harriman Mfg. Co. ("Keystone"), Harriman, Tenn.

Harry Bros. Co. ("Harry's" Galvanized Sheet Iron, Fill with Water), Carr & I. C. R. R., New Orleans, La.  
 Lansing Co., Lansing, Mich.  
 Messinger Mfg. Co., Tatamy, Pa.  
 Mott J. L. Iron Works, Trenton, N. J.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

**SUPPLEE-BIDDLE HARDWARE CO.**, 5th & Commerce, Phila., Pa.  
*See adv index at end of book*

Swett A. L. Iron Works, Medina, N. Y.  
 Whitehurst R. W. Mfg. Corp. ("Boss"), Norfolk, Va.

Whitman Agri. Works Co., St. Louis, Mo.  
 Wilder-Strong Implement Co., Monroe, Mich.

**12623—Rollers (Lumber)**

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*  
 American Logging Tool Co., Evart, Mich.  
 Oshkosh Mfg. Co. (Double Extension), Oshkosh, Wis.

**12624—Rollers (Mangle)**

Coudersport-Mangle Roller Mfg. Co., Coudersport, Pa.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**12625—Rollers (Mine)**

Sanford-Day Iron Works, Knoxville, Tenn.

**12626—Rollers (Paper Hangers')**

Stortz Jno. & Son, 210 Vine, Phila., Pa.

**12627—Rollers (Paper Machine)**

Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Home Rubber Co., Trenton, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 New York Belting & Packing Co. 91 Chambers, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New York  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

**12628-9—Rollers (Pipe) .....**

Dunham Co. (Also Tee Bar Rollers), Berea, O.  
 Grabler Mfg. Co. (Cast Iron, also Roller Hangers & Bolts, etc.), Cleveland, O.  
 Pittsburgh Valve Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Stephenson Mfg Co. (Wood), South Bend, Ind.

**12630—Rollers (Puddling)**

Buffalo Springfield Roller Co., Springfield, Ohio  
 Universal Road Machinery Co. ("Universal" for Reservoir & Embankment Work), Kingston, N. Y.

**12631—Rollers (Reversible Road)**

American Road Machinery Co., Kennett Sq, Pa.  
 Buffalo Steam Roller Co., Springfield, O.  
 Dunham Co., Berea, O.  
 Enterprise Co., Columbiana, O.

**12632—Rollers (Road, Horse Power)**

Acme Road Machinery Co., Frankfort, N. Y.  
 American Road Machinery Co., Kennett sq, Pa.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Austin Mfg. Co., 910 S Michigan av, Chicago, Ill., & Harvey, Ill.  
 Case J. I. Threshing Machine Co., Racine, Wis.  
 Dunham Co., Berea, O.  
 Elkhart Bridge & Iron Co., Elkhart, Ind.  
 Enterprise Co., Columbiana, O.  
 Gallon Iron Works & Mfg. Co., Gallon, O.  
 Universal Road Machinery Co. (Plain & Reversible), Kingston, N. Y.  
 Wheeling Mold & Foundry Co., Wheeling, W. Va.



**12633—Rollers (Road, Kerosene)**

Buffalo Springfield Roller Co., Springfield, Ohio  
Ohio Tractor Mfg. Co., Marion, O.

**12634—Rollers (Rubber Covered)**

Boston Belting Co., 84 Linden Park, Boston, Mass.  
Cincinnati Rubber Mfg. Co., Cincinnati, O.  
Continental Rubber Works, Erie, Pa.  
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
Federal Rubber Co., The, Cudahy, Wis.  
Goodrich B. F. Co., Akron, O.  
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
Home Rubber Co., Trenton, N. J.  
Manhattan Rubber Mfg. Co., Passaic, N. J.  
Mattson Rubber Co., Lodi, N. J.  
Mechanical Rubber Co., 307 W Randolph, Chicago, Ill.  
Mechanical Rubber Co., Cleveland, O.  
Miller Rubber Co., Akron, O.  
N. J. Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
New York Belting & Packing Co., 91 Chambers, New York  
New York Rubber Co., Reade & Church, New York  
Peerless Rubber Mfg. Co., 31 Warren, New York  
Plymouth Rubber Co., Canton, Mass.  
Republic Rubber Co., Youngstown, O.  
Revere Rubber Co., 60 High, Boston, Mass.  
Seamless Rubber Co., New Haven, Conn.  
Thermoid Rubber Co., Trenton, N. J.  
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

**12635—Rollers (Sash)**

Corbin P. & F., New Britain, Conn.  
Peck, Stow & Wilcox, Southington, Conn.  
Reading Hardware Co., Reading, Pa.  
Sargent & Co., New Haven, Conn.

**12636—Rollers (Seam & Glass)**

**SMITH & HEMENWAY CO.** ("Red Devil" Glass), 76 Chambers, New York  
*See adv index at end of book*

**12637—Rollers (Shade)**

American Shade Roller Co. (Self-Acting), 151 33d, Brooklyn, N. Y.  
Bailey & Weston, 81 Washington N, Boston, Mass.  
Ball Bearing Shade Roller Co. ("Independent" Ball Bearing), Naugatuck, Conn.  
Columbia Mills ("Quaker"), 225 5th av, New York  
Cowles C. & Co. (Carriage, etc), New Haven, Conn.  
Edwards O. M. Co. (Car, Window, etc), Syracuse N. Y.  
Hartshorn Stewart Co., Newark, N. J.  
Haviland Shade Roller Co., 407 Broome, New York  
Kaiserman Shade Roller Co., Kankakee, Ill.  
Standard Shade Roller Co. (Also Accessories), Ogdensburg, N. Y.  
Vermont Shade Roller Co., Burlington, Vt.  
Wemple Jay C. Co., 35 E 20th, New York

**12638—Rollers (Sliding Door)**

Richards-Wilcox Mfg. Co., Aurora, Ill.

**12639—Rollers (Steam Asphalt)**

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.  
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.  
Buffalo Steam Roller Co., Springfield, O.  
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.  
Universal Road Machinery Co. ("Universal"), Kingston, N. Y.

**12640—Rollers (Steam Golf Course)**

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.  
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.  
Buffalo Steam Roller Co., Springfield, O.

**12641—Rollers (Steam Road)**

Acme Road Machinery Co., Frankfort, N. Y.  
American Road Machinery Co. ("Monarch"), Kennett Square, Pa.  
Austin Mfg. Co., 910 S Michigan av, Chicago, Ill.  
Baker A. D. Co., Swanton, O.

Barber Asphalt Paving Co. ("Iroquois"), Buffalo, N. Y.  
Buffalo Springfield Roller Co. (Steam & Gasoline), Springfield, O.  
Buffalo Steam Roller Co. ("Buffalo-Pitts"), Springfield, O.  
Emerson-Brantingham Co. ("Geiser Peerless" Comb. Roller & Tractor), Rockford, Ill.  
Erie Machine Shops, Erie, Pa.  
Galion Iron Works & Mfg. Co., Galion, O.  
Hollenbeck Mfg. Co., Holdrege, Neb.  
Huber Mfg. Co. ("New Huber" Comb. Road Roller & Traction Engine), Marion, O.  
Ohio Tractor Mfg. Co. (Gasoline & Kerosene), Marion, O.  
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delavan, Brooklyn, N. Y.  
Port Huron Engine & Thresher Co., Port Huron, Mich.  
Universal Road Machinery Co. ("Universal"), Kingston, N. Y.  
Wheeling Mold & Foundry Co., Wheeling, W. Va.

**Rollers (Towel)**

*See Racks, Towel*

**12642—\*Rollers (Trolley)**

*See also Fibre, Hard*

**DELAWARE HARD FIBRE CO.** (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.  
*See adv index at end of book*

**12643—Rollers (Wood)**

Bogert & Hopper (Caster, Lawn Mower, Map, Pulley, Skate, etc), 358 5th av, New York  
**ESTES E. B. & SONS** (Caster, Mangle, Massage, Paperhangers', Lawn Mower, Map, Pulley, Skate, etc), 358 5th av, New York *See adv index at end of book*  
Nashua Spool & Bobbin Co. (Stone Machinery & House Moving), Grove Hall Station, Boston, Mass.  
Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, O.  
Southern Roller, Stave & Heading Co. (Black Gumwood), Elizabeth City, N. C.  
Stephenson Mfg. Co. (Lawn Mower, etc), South Bend, Ind.

**12644—Rollers & Fixtures (Car Curtain)**

Acme Supply Co. ("Acme," Friction Rollers, etc), 28 E Jackson Blvd, Chicago, Ill.  
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

**12645—Rollers & Pinions**

Chester Steel Casting Co., Chester, Pa.  
Erie Forge Co., Erie, Pa.  
Newell Mfg. Co., 149 B'way, New York  
**NUTTALL R. D. CO.**, McCandless & Harrison av, Pittsburgh, Pa.  
*See adv index at end of book*

**12646—Rollers & Print Blocks for Wall Paper, Etc.**

Bay, Gottfried (Oil Cloth, etc), 537 W 50th, New York

**12647—Rolling Mills (Brass & Copper)**

*See also Rolling Mills, Iron & Steel*

Baltimore Copper Smelting & Rolling Co., Canton, Baltimore, Md.  
Benson H. K. & F. S., Glen Ridge, N. J.  
Bridgeport Brass Co., Bridgeport, Conn.  
Bristol Brass Co. (Brass), Bristol, Conn.  
**CHASE METAL WORKS**, Waterbury, Conn.  
**CHASE ROLLING MILL CO.**, Waterbury, Conn.  
Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Manhattan Brass Co., 333 E 26th, New York  
Michigan Copper & Brass Co., Detroit, Mich.  
National Brass & Copper Co. (Copper Only), Lisbon, O.

New Haven Copper Co. (Copper Only), Seymour, Conn.  
New Jersey Tube Co., Harrison, N. J.  
Plume & Atwood Mfg. Co., Waterbury, Conn.  
Randolph-Clowes Co., Waterbury, Conn.  
Rome Brass & Copper Co., Rome, N. Y.  
**SCOVILL MFG. CO.** (Brass Only), Waterbury, Conn.

*See adv index at end of book*

Seymour Mfg. Co. (Brass & German Silver), Seymour, Conn.  
Taunton-New Bedford Copper Co., Taunton, Mass.  
Waterbury Rolling Mills, Waterbury, Conn.  
Wise J. B. Inc. (Brass), Watertown, N. Y.

**12648—Rolling Mills (Continuous)**

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
Morgan Construction Co., Worcester, Mass.  
**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York  
Standard Machinery Co., Providence, R. I.  
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

**12649—Rolling Mills (Iron & Steel)**

*See also Rolling Mills, Brass & Copper*  
(References following Names indicate Main or Executive Offices. For sub-classification of this industry, see Specific Article Wanted in Index of Contents)

**ALABAMA.**

**ALABAMA CITY**—Gulf State Steel Co. (See Birmingham)  
**BIRMINGHAM**—Connors-Weyman Steel Co. (Steel Bars & Hoops, Cotton Ties, etc)  
**Gulf States Steel Co.** (Billets, Blooms, Slabs, Staples, etc), Mills: Alabama City  
**Republic Iron & Steel Co.** (See Youngstown, O.)  
**Sloss-Sheffield Steel & Iron Co.**  
**Tennessee Coal, Iron & R. R. Co.** (Steel Billets, Blooms, Slabs, Angles, Channels, Tees, Bar, Plates, Sheets, etc)  
**HELENA**—Connors-Weyman Steel Co. (See Birmingham)  
**SHEFFIELD**—Sloss-Sheffield Steel & Iron Co. (See Birmingham, Ala.)

**CALIFORNIA.**

**BLACK DIAMOND**—Columbia Steel Co. (See San Francisco, Cal.)  
**LOS ANGELES**—Southern California Iron & Steel Co. (Iron & Steel Bar), 4th & Mateo  
**SAN FRANCISCO**—Columbia Steel Co., 503 Market. Mills: Black Diamond, Cal.  
**Judson Mfg. Co.** (Bar Iron, Open Hearth Steel Shafting, Tacks, Nails, etc), 819 Folsom.  
**Pacific Coast Steel Co.** (Open Hearth, Steel Merchant Bars, Round, Square & Flat, Steel Corrugated Bars Reinforced Concrete Steel Angles & Light Rails), Rialto bldg.  
**Pacific Hardware & Steel Co.** (Bar & Band Iron), Works: Portland, Ore.  
**Pacific Rolling Mills**, 17th & Mississippi.

**COLORADO.**

**DENVER**—Colorado Fuel & Iron Co. (Billets, Blooms, Iron & Steel Rails, Bars, Sheets, Plate Bands, Hoops, etc)  
**PUEBLO**—Colorado Fuel & Iron Co. (See Denver)

**CONNECTICUT.**

**BRIDGEPORT**—American Chain Co. (Bar Iron Light T Rails, Chains, etc)  
**American Tube & Stamping Co.** (Open Hearth Steel Billets, Hot & Cold Rolled Strip Steel, Crucible Steel for Springs, Cutlery, etc)  
**BRISTOL**—Barnes The Wallace Co. (High Carbon Tempered & Untempered Steel, Low Carbon, Cold Rolled Spring Steel & Wires)  
*See adv index at end of book*



**COLLINSVILLE**—Collins Co. (Bar Iron All Consumed by the Company)  
**NEW BIRTAIRN — STANLEY WORKS** (Cold Rolled Strip Steel)  
*See adv index at end of book*  
**SOUTHINGTON**—Aetna Nut Co. (Merchants' Bar Iron, etc)  
**UNIONVILLE**—Union Rolling Mill Co. Merchant Bar Iron) (See Cleveland, O.)  
 Upson Nut Co. (Basic Open Hearth Steel Bars)

**DELAWARE.**

**WILMINGTON**—McCullough Iron Co. (Sheet Steel, Black Galvanized Painted & Corrugated Roofing & Siding), Equitable bldg

**GEORGIA.**

**ATLANTA**—Atlantic Steel Co. (Steel Bands, Hoops, Cotton Ties, Bars, etc)

**ILLINOIS.**

**CHICAGO—AMERICAN STEEL & WIRE CO.** (Steel Wire, Rods & Nails, Spikes, Staples, Tacks, Barbed Wire, Bale Ties, Horse Shoes, Shafting, Cold Drawn Steel, Poultry Netting, Wire Rope, Wire Hoops, Wire Springs, etc), 208 S La Salle.  
*See adv index at end of book*

Calumet Steel Co. (Butted & Brazed Structural Steel Tubing), 208 S La Salle

Columbia Tool Steel Co. (Crucible Tool & Machinery Steel & Open Hearth Steel for Special Requirements), 307 S Clinton.

Grand Crossing Tack Co. (Open Hearth Steel Billets, Rods & Wire Mills) S Chicago av & E 79th

Illinois Steel Co. (Steel Billets, Blooms, Slabs, Ingots, Structural Shapes, Rails, Plates, Bars & Band), 208 S La Salle

Indiana Steel Co. (Open-Hearth Billets, Blooms, Ingots, Rails, Bars, Structural Shapes, Plates, etc), 208 S La Salle

Inland Steel Co. (Open Hearth Steel Blooms, Billets, Slabs, Structural Angles, Channels & Beams, Universal Plates, Merchant Bars, Plates, Sheets, Galvanized Sheets, Corrugated, Sheets, Roofing & Bessemer Steel Bars, Special Sections, Harrow Teeth, Cross Arm Braces, Pole Steps, etc), 1st Nat'l bank bldg

**INTERSTATE IRON & STEEL CO.** (Iron & High Carbon & Soft Steel Bars, Agricultural Implement Steel, Angles, Channels, Tees, Reinforcing Steel Bars, etc), 1st Nat'l Bank bldg. Works: East Chicago, Ind., and Marion, O.  
*See adv index at end of book*

Phoenix Horse Shoe Co. (Horse Shoes), 209 S La Salle, Mills: Joliet, Ill., & Poughkeepsie, N. Y.

Pullman Co. (Product All Consumed By the Company), Pullman bldg

Republic Iron & Steel Co., 332 S Michigan av (See Youngstown, O.)

Sellers Mfg. Co. (Tie Plates, etc), 332 S Michigan av

**CHICAGO HEIGHTS**—Calumet Steel Co. (Bessemer Bar Steel, Light Rails, Angles, Channels, etc), 208 S La Salle

Inland Steel Co. (See Chicago)

**EVANSTON**—Mark Mfg. Co. (Wrought Iron Pipe & Boiler Tubes) Works: Zanesville, O.

**GRANITE CITY**—National Enameling & Stamping Co. (See New York)

**JOLIET**—American McKenna Process Co. (See Milwaukee, Wis.)

Phoenix Horse Shoe Co. (See Chicago, Ill.)

**KEWANEE**—National Tube Co. (See Pittsburgh, Pa.)

**MOLINE**—Republic Iron & Steel Co.

**WAUKEGAN**—American Steel & Wire Co. (See Chicago, Ill.)

**INDIANA.**

**ANDERSON**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

American Steel & Wire Co. (See Chicago, Ill.)

**ATLANTA**—Atlanta Tin Plate & Sheet Mill Co. (See Indianapolis, Ind.)

**EAST CHICAGO**—Interstate Iron & Steel Co. (See Chicago, Ill.)

Republic Iron & Steel Co. (See Youngstown, O.)

**ELWOOD**—American Steel & Tin Plate Co. (See Pittsburgh, Pa.)

**FORT WAYNE**—Fort Wayne Rolling Mill Corp. (Bar Iron & Steel, etc.)

**GARY**—Indiana Steel Co.

**INDIANA HARBOR**—Inland Steel Co. (See Chicago, Ill.)

**KOKOMO**—Kokomo Steel & Wire Co. (Steel Wire, Rods & Nails, etc)

**MUNCIE**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

Republic Iron & Steel Co. (See Youngstown, O.)

**NEW ALBANY**—Ohio Falls Iron Co. (Merchants' Bar & Staybolt Iron)

**NEW CASTLE**—Indiana Rolling Mill Co. (High Carbon Sheet Steel)

**TERRE HAUTE**—Highland Iron & Steel Co. (Merchants' Bar Iron & Steel)

**VINCENNES**—National Rolling Mill Co. (Scrap Bar & Finished Iron & Steel Bar)

**KENTUCKY.**

**ASHLAND**—Ashland Steel Co. (Bessemer Steel Billets & Slabs, Wire Rods)

Norton Iron Works (Cut & Wire Nails, Wire & Nail Plates)

**LOUISVILLE**—Ewald Iron Co. (Charcoal Iron)

**NEWPORT**—Andrews Steel Co. (Open Hearth Billets, Slabs, Ingots, Sheet & Tin Plate Bars)

Newport Rolling Mill Co. (Black & Galvanized Sheet Steel)

**MARYLAND.**

**CUMBERLAND**—Cumberland Steel Co. (Cold Rolled Steel, Polished Steel Shafting, etc)

Taylor N. & G. Co. (See Phila., Pa.)

United States Rail Co. (Renewed Light Steel Rails)

**MASSACHUSETTS.**

**BOSTON**—Ames Shovel & Tool Co. (Shovel Plate & Blanks, all consumed by the Company), Ames bldg.

Sylvester Co. (Merchant Bar Iron, Spikes, Bolts, Tie Rods), 141 Milk

**SPENCER**—Spencer Wire Co. (See Worcester, Mass.)

**WEST WAREHAM**—Tremont Nail Co. (Open Hearth Steel Ingots, Nail Plate, Tack Plate, Shovel Plate & Strip Steel, Cut Nails & Supplies)

**WORCESTER—AMERICAN STEEL & WIRE CO.** (Washburn & Moen Branch) See Chicago

*See adv index at end of book*

**COES LORING & CO. (INC.)** (Hot Rolled & Welded Materials for Knives, Dies, etc), Coes sq

*See adv index at end of book*

Morgan Spring Co. (Wire for all Purposes & Wire Nails, etc)

Spencer Wire Co.

**WRIGHT WIRE CO.** (Annealed, Bright, Coppered, Tinned & Galvanized Wire)

*See adv index at end of book*

**MICHIGAN.**

**ADRIAN**—Page Woven Wire Fence Co. (Open Hearth Steel Ingots, Wire Rods, etc)

**DETROIT**—American Car & Foundry Co. (See St. Louis, Mo.)

Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel Tubes)

Railway Steel Spring Co., Michigan & Hubbard. (See New York)

**MISSOURI.**

**KANSAS CITY**—Kansas City Bolt & Nut Co. (Bar Iron, ½ inch to 3 inch Rounds & Squares, 1 inch by 3-16 inch to 6 inch by 2 inch flats, Bolts, Nuts, etc)

**ST. LOUIS**—American Car & Foundry Co. (Merchant Bar Iron & Band Rod & Guide Iron), Syndicate Trust bldg.

Laclede Steel Co. (Hard Steel Bars, Reinforcing Bars, Ag'l Shapes, Bedstead Angles, Hot Rolled Strip, etc) Federal Reserve Bk. bldg.

**NEW JERSEY.**

**CHROME**—Chrome Steel Works (Steel Plates, Angles & Bars, etc)

**DOVER**—Ulster Iron Works (Merchant Bar & Staybolt Iron)

**ELIZABETH**—Singer Mfg. Co. (Product Rounds, Flats, etc, all Consumed by the Company)

**JERSEY CITY**—Ames W. & Co., Communipaw av. (Bar Iron, Bolts, Tie Rods, Spikes, etc)

Crucible Steel Co. of America, ft Grand av. (Spalding & Jennings, Branch) (See Pittsburgh, Pa.)

**NEWARK**—Heller Bros. Co., 879 Mt. Prospect av. (High Speed Tool Steel)

**PERTH AMBOY**—Pardee C. Works (Open Hearth Steel Billets, Blooms, Merchant Bars & Cold Rolled Shafting, etc)

**PHILLIPSBURG**—American Horse Shoe Co. (High Grade Horse Shoes, etc)

**ROCKAWAY**—Rockaway Rolling Mill (Bar Iron & Steel; also Double Refined Bar Iron)

**TRENTON—ROEBLING JNO. A. SONS CO.** (Steel & Copper Wire & Steel Wire Rods)

*See adv index at end of book*

**NEW YORK.**

**AUBURN**—Tuttle Chas. W. (Merchant Bar Iron & Horse Shoe Iron), ft McMaster

**BUFFALO**—Lackawanna Steel Co. (Steel Billets, Blooms, Rails, Beams, Anchor Bars, etc)

Seneca Iron & Steel Co. (Black & Galvanized Sheet Steel)

**COHOES**—Cohoes Rolling Mill Co. (Wrought Iron Pipe & Merchant Bar Iron)

**CORTLAND**—Wickwire Bros. (Billets, Ingots, Wire, Nails, Rods & Staples, etc)

**DUNKIRK**—Atlas Crucible Steel Co. (High Grade Crucible Steels)

**LOCKPORT—SIMONDS MFG. CO.** (Crucible Steel Saw Plates & Sheets, all consumed by the Company)

*See adv index at end of book*

Westerman & Co. (Bar Iron Rounds, Squares, Hexagons)

**NEW YORK CITY.****Borough of Brooklyn.**

**BROOKLYN**—Miller & Van Winkle (Cold Rolled Steel & Steel Wire), 18 Bridge

Wurster F. W. & Co. (Iron & Steel Bars, Axles, etc), 375 Kent av

**Boroughs of Manhattan and Bronx.**

**NEW YORK**—American Bridge Co., 30 Church

**JESSOP STEEL CO.** (Crucible Steel Ingots, Sheets & Saw Steel, etc), 91 John, Works: Washington, Pa.

Lalance & Grosjean Mfg. Co. (Black Sheets, Plates & Tin Plate, all Consumed by the Company), 299 B'way, Mills: Harrisburg, Pa.

National Enameling & Stamping Co. (Mfrs. Sheet Steel for their Own Consumption), 411 5th av. Works: Granite, Ill., & St. Louis, Mo.

Philadelphia Steel & Forge Co. (Rolled & Hammered Steel Bars, Tool Steel, Die Blocks, Rolled Shapes, etc), 50 Church. Works: Tacony, Phila., Pa.

Rail Joint Co. (Bars, Rail Joints, Tram Rails), 61 B'way Works: Troy, N. Y.

Railway Steel Spring Co. (Open Hearth Steel Ingots, Merchant Steel Tire & Spring Steel, etc), 30 Church

Rome Merchant Iron Mill (Merchant Bar, Puddled Iron & Band, Hoop, Staybolt & Horse Shoe Iron), 30 Church. Mills: Rome, N. Y.

Singer Sewing Machine Co., 149 B'way. Works: Elizabeth, N. J.

Washburn Wire Co. (Steel Wire, etc.), ft E 118th. (See Phillipsdale, R. I.)

(End of New York City)

**POUGHKEEPSIE**—Phoenix Horse Shoe Co. (See Chicago)

**ROME**—Rome Merchant Iron Mill. (See New York City)

**SYRACUSE**—Crucible Steel Co. of America (Sanderson Bros. Works, Tool Steel.) (See Pittsburgh, Pa.)



Eckels-Nye Steel Co. (Merchant Steel)  
 Halcomb Steel Co. (Crucible & High Grade Steel)  
 Syracuse Crucible Steel Co. (Tool Steel)  
 TONAWANDA—Buffalo Steel Co. (Bessemer Steel Bars, Agricultural Steel, Angles, Channels, etc.)  
 TROY—Burden Iron Co. (Bar Iron, Horse & Mule Shoe, Rivets, Boiler Only, etc.)  
 Rail Joint Co. (See New York)  
 WATERVLIET—Ludlum Steel Co. (Pure Carbon Crucible Tool Steel)

## OHIO.

BELLAIRE—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 CAMBRIDGE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
**AMERICAN STEEL & WIRE CO.** (See Chicago)  
*See adv index at end of book*  
 Interstate Iron & Steel Co. (See Chicago, Ill.)  
 CANTON—American Sheet & Tin Plate Co. Roll & Machine Works (See Pittsburgh, Pa.)  
 Berger Mfg. Co. (Sheet Iron & Steel, etc.)  
 Canton Sheet Steel Co. ("Winir" Black & Galvanized Steel Sheets, Pickled Steel Sheets, etc.)  
 Carnahan Tin Plate & Sheet Co. (Tin & Terne Plate & Sheet Steel for Tinning, etc.)  
 Stark Rolling Mill Co. (Black & Galvanized Open Hearth Steel & Tonnage Metal Sheets)  
 United Alloy Steel Corp. (Chrome Vanadium & Basic Electric Open Hearth Billets, Blooms, Slabs & Bars, Universal Mill Plates & Sheet Bars)  
 CLEVELAND—American Sheet & Tin Plate Co., Bessemer bldg. (See Pittsburgh, Pa.)  
 American Steel & Wire Co. (See Chicago, Ill.)  
*See adv index at end of book*  
 Cleveland Hardware Co. (Manufacture for their Own Consumption)  
 Empire Rolling Mill Co. (Iron & Steel Bar)  
 Lake Erie Iron Co. (Bar Iron, Bolts, Nuts, etc.)  
 Otis Steel Co. (Open Hearth Steel Plates)  
 Republic Iron & Steel Co., Leader News bldg. (See Youngstown, O.)  
 Union Rolling Mill Co. (Refined Bar Iron; also Bolt, Nut, Rivet & Bridge Iron)  
 Upson Nut Co. (Basic open Hearth Steel Bars)  
 CLEVES—Cincinnati Horse Shoe & Iron Co. (Horse Shoes & Bar Iron)  
 COLUMBUS—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 Standard Chain Co. (See Pittsburgh, Pa.)  
 CUYAHOGA FALLS—Falls Hollow Staybolt Co. (Hollow & Solid Staybolt Bars, Staybolts, etc.)  
 DOVER—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 DRESDEN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 EAST LIVERPOOL—National Drawn Steel Co. (Cold Drawn Steel)  
 ELYRIA—Columbia Steel Co. (Cold Rolled Steel Bars, Sheets, Strips, etc.)  
 Elyria Iron & Steel Co. (High Carbon Steel Angles & Tubing, Track Spikes, etc.), Mussey rd  
 IRONTON—Belfont Iron Works Co. (Cut & Wire Nails, Barbed, Plain & Galvanized Wire)  
 Kelly Nail & Iron Co. (Cut & Wire Nails, Spikes, Staples, Barbed, Plain & Galvanized Wire)  
 National Tube Co. (See Pittsburgh, Pa.)  
 LORAIN—National Tube Co., E Pittsburgh, Pa.  
 MARION—Interstate Iron & Steel Co. (See Chicago, Ill.)  
 MARTINS FERRY—American Steel & Tin Plate Co. (See Pittsburgh, Pa.)  
 Whitaker-Glessner Co. (See Wheeling, W. Va.)  
 MASSILLON—Massillon Rolling Mill Co. (Bessemer & Open Hearth Black & Galvanized Sheets)

Peerless Drawn Steel Co. (Drill Rods, Cold Drawn Steel, etc.)  
 MIDDLETOWN—American Rolling Mill Co. (Sheet Iron & Steel, Black & Galvanized, etc.)  
 MINGO JUNCTION—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 NEWARK—Buckeye Rolling Mill Co. (See Steubenville)  
 NEW PHILADELPHIA—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 NILES—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 De Forest Sheet & Tin Plate Co. (Open Hearth Steel Sheets, Shovel, Steel, Tin Plate, etc.)  
 SALEM—American Steel & Wire Co. (See Chicago, Ill.)  
 STEUBENVILLE—Buckeye Rolling Mill Co. (Light Rails & Track Accessories). Mills: Newark, O.  
 La Belle Iron Works (Pipe & Tube Mills, Steel Sheet Bar, Steel Skelp, Cut Nails, Spikes, Pig Iron, etc.)  
 Phillips Sheet & Tin Plate Co. (Black Plates or Sheets for Tinning). (See Weirton, W. Va.)  
 WARREN—Trumbull Steel Co. (Tin & Terne Plate, Charcoal Iron Terns, Long Terne Sheets, Black & Galv. Flat Sheets, Painted, Galv. Formed Roofing Products, Mixed Car-loads a Specialty)  
 Warren Iron & Steel Co. (High Carbon Steel Sheets & Shovel Plate)  
 WELLSVILLE—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 YORKVILLE—Wheeling Steel & Iron Co. (Tin Plate).  
 YOUNGSTOWN—Brier Hill Steel Co. (Open Hearth Steel Sheets & Corrugated Sheets)  
 Republic Iron & Steel Co. (Bar Iron & Steel Bolts, Screws, Railroad Spikes, Turnbuckles, Cold Rolled Steel Angles, Channels, Tees, etc.)  
 Sharon Steel Hoop Co. (Sheet Steel, Black & Corrugated Roofing & Siding, etc.)  
 Youngstown Sheet & Tube Co. (Iron & Steel Sheet, Black & Galvanized, Wrought Iron Pipe, Wire Rods, Billets, Muck Bar, Skelp, Pig Iron, etc.)  
 ZANESVILLE—American Rolling Mill Co. (See Middletown, O.)  
 Mark Mfg. Co. (See Evanston, Ill.)

## PENNSYLVANIA.

ALBUQUERQUE—Crucible Steel Co. of America (See Pittsburgh)  
 Kidd Drawn Steel Co. (Steel Wire, Polished Drill Rods, Polished Needle Wire, Black Steel Rods, etc.)  
 Vulcan Crucible Steel Co. (High Grade Crucible & Acid Open Hearth Steel & Forged Products, etc.)  
 ALLENTOWN—American Steel & Wire Co. (See Chicago, Ill.)  
 ALTOONA—Altoona Iron Co. (Bar, Hoop, Band & Oval, Half Oval, Round & Scroll)  
 AMBRIDGE—American Bridge Co. (See Pittsburgh, Pa.)  
 APOLLO—Apollo Steel Co. (Iron & Steel Sheets, Flat & Galvanized, Corrugated)  
 AUBURN—Delaware Seamless Tube Co. (Hollow Seamless Billets, Boiler Tubes, Hollow Staybolt Stock & Seamless Tubing)  
 BEAVER FALLS—Ames Shovel & Tool Co. (See Boston, Mass.)  
 Pittsburgh Seamless Tube Co. (Seamless Steel Tubes & Steel Blanks for Mfg. of Steel Tubes)  
 Union Drawn Steel Co. (Cold Rolled Steel, Cold Drawn & Polished Steel Shafting, etc.)  
 BIRDSBORO—Brooke E. & G. Iron Co. (Muck Bar, Skelp Iron & Cut Nails)  
 BLANDON—Blandon Rolling Mills (See Est. of Simon Seyfert, Reading, Pa.)  
 BRACKENRIDGE—Allegheny Steel Co. (See Pittsburgh, Pa.)  
 West Penn Steel Co. (Steel Sheets, Electrical Steel Sheets, Automobile Sheets, Steel Sheet Bars, etc.)  
 BRADDOCK—American Steel & Wire Co. (See Chicago, Ill.)  
 Carnegie Steel Co. (See Pittsburgh, Pa.)

BRAEBURN—Braeburn Steel Co. (Crucible & Fine Open Hearth Tool Steel, Spring, Hammer & Machinery Steel & Forgings, etc.)  
 BRIDGEVILLE—Universal Rolling Mill Co. (Crucible & Open Hearth Steel Shovel, Sheets & Plow Slabs, Shapes & Discs)  
 BURNHAM—Logan Iron & Steel Co. (See Phila., Pa.)  
 Standard Steel Works Co. (See Phila., Pa.)  
 BUTLER—Standard Steel Car Co. (See Pittsburgh, Pa.)  
 CANONSBURG—Canonsburg Steel & Iron Works (Sheet Iron & Steel, Tin & Terne Plate, etc.)  
 Standard Tin Plate Co. (Tin & Terne Plate)  
 CARNEGIE—Superior Steel Co. (Hot & Cooled Rolled Strip Steel)  
 CATASAUQUA—Bryden Horse Shoe Co. (Horse Shoes & Horse Shoe Bars)  
 COATESVILLE—Lukens Steel Co. (Open Hearth Billets, Ingots, Slabs, Steel Boiler, Tank & Bridge Plates, Sheared & Universal Plates)  
 Worth Bros. Co. (Steel Boiler & Tank Plate, Sheared Plates, Boiler Tubes, Skelp, etc.)  
 COLONA—Colonial Steel Co. (See Pittsburgh, Pa.)  
 COLUMBIA—Edwards Edward T.  
**JANSON STEEL & IRON CO.** (Bar Iron & Steel)  
 CONSHOHOKEN—Wood Alan Iron & Steel Co. (See Phila., Pa.)  
 Wood J. & Bros. Co. (Iron & Steel Sheets & Light Plates, Locomotive Jacket, Corrugated Bath Boiler, Gas Holder, Pickled Blue Annealed Tank & Electrical Sheet Iron & Steel, etc.)  
 CORRY—McInnes Steel Co. (Ltd.) (Hammered Crucible Tool Steel; Also High Speed & Oil Hardening Steel)  
 DANVILLE—Danville Structural Tubing Co. (Structural Tubing)  
 Pennsylvania Brake Beam Co. (Special Shapes for Brake Beams, Deck & I Beams)  
 Reading Iron Co. (See Reading, Pa.)  
 DONORA—American Steel & Wire Co. (See Chicago, Ill.)  
 Carnegie Steel Co. (See Pittsburgh, Pa.)  
 DUQUESNE—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 ELLWOOD CITY—National Tube Co. (See Pittsburgh, Pa.)  
 ERIE—United States Horse Shoe Co. (Billets & Iron Steel Bars for the Mfr. of Horse Shoes)  
 ETNA—Spang, Chalfant & Co. (See Pittsburgh, Pa.)  
 GLASSPORT—Pittsburgh Steel Co. (See Pittsburgh, Pa.)  
 GREENVILLE—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 National Tube Co. (See Pittsburgh, Pa.)  
 HARRISBURG—Central Iron & Steel Co. (Iron & Steel Bridge, Boiler, Tank, Ship & Fire Box Plate, etc.)  
**HARRISBURG PIPE & PIPE BENDING CO.** (Open Hearth Steel Billets, Ingots, Skelp, Slabs, Shovel Plate, Sheet Bars, etc.)  
 Lalanc & Grosjean Mfg. Co. (See New York City)  
 HAYS—Monongahela Tube Co. (See Pittsburgh, Pa.)  
 HOMESTEAD—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 HOOPERSTON—Hoopes & Townsend Co. (See Phila., Pa.)  
 HYDE PARK—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 JOHNSTOWN—Cambria Steel Co. (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc.) Main Office: Philadelphia, Pa.  
 Lorain Steel Co. (Light Rails & Street Ry. Track Materials)  
 KITTANNING—Kittanning Iron & Steel Mfg. Co. (Muck Bar)  
 LATROBE—Vanadium Alloys Steel Co. (High Speed & Vanadium Steel)  
 LEBANON—Lebanon Valley Iron & Steel Co. (Bar Iron & Muck & Scrap Bar)  
 LEECHBURG—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 MCKEESPORT—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)



Firth-Sterling Steel Co. ("Blue Chip" Fine Crucible Tool Steel)  
 McKeesport Tin Plate Co. (Tin Plate & Black Plate for Tinning). Works: Port Vue, Pa.  
 National Tube Co. (See Pittsburgh, Pa.)  
**McKEES ROCKS**—Lockhart Iron & Steel Co. (See Pittsburgh, Pa.)  
**MIDLAND**—Pittsburgh Crucible Steel Co. (Steel Bars, Car Axles, etc.)  
**MILESBURG**—McCoy-Linn Iron Co. (Bar Iron, Wire, Wire Rods, Chains, etc.)  
**MILTON**—American Car & Foundry Co. (Merchants Bar Iron) (See St. Louis, Mo.)  
 Milton Mfg. Co. (Merchant Bar Iron, Bolts, Nuts, Rivets, etc.)  
**MONACA**—Pittsburgh Tool Steel Wire Co. (Drawn Tool Steel for Twist Drills, Taps, etc.)  
**MONESSEN**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 Carnegie Steel Co. (See Pittsburgh, Pa.)  
 Page Woven Wire Fence Co. of N. J. (See Adrian, Mich.)  
 Pittsburgh Steel Co. (See Pittsburgh, Pa.)  
**MONONGAHELA**—Liggett Spring & Axle Co. (See Pittsburgh, Pa.)  
**NEW BRIGHTON**—Townsend C. C. & E. P. Co. (Steel Wire, Bolts, Nuts & Nails, etc.)  
**NEW CASTLE**—Carnegie Steel Co. (See Pittsburgh, Pa.)  
 Elliott, Blair Steel Co. (Cold & Hot Rolled Strip Steel, etc.)  
**NEW KENSINGTON**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
**NORTHUMBERLAND**—Van Alen & Co. (Iron Steel, Cut Nails & Spikes, etc.)  
**PARKESBURG**—Parkesburg Iron Co. (Charcoal Boiler Tube, Iron Skelp)  
**PENCOYD**—American Bridge Co. (Steel Beams). (See Pittsburgh, Pa.; also Phila., Pa.)  
**PHILADELPHIA**—American Bridge Co. (Steel Beams, Angles, Channels, Tees, Zees, Bar Steel, etc.) Widener bldg. (See also Pittsburgh, Pa.)  
 Cambria Steel Co., (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc.) Widener bldg.  
 Davis Bros. (Bar Iron, Angle Iron Up to 2 Inches, Spikes, etc.), 29th & Bristol  
 Disston Henry & Sons (Tool & Sheet Steel, Cold Rolled & Cold Drawn Steel, etc.), Tacony  
 Hoopes & Townsend Co. (Bar Iron & Steel Bolts, Rivets, Rods, etc.), Broad & Buttonwood; Works also at Hooperstown, Pa.  
 Hughes & Patterson (Bar Iron Specialties & Skelp Iron, Bands, Hoops & Rods) 800 Richmond  
 Illingworth Jno. Steel Co. (Crucible, Hammerer & Rerolled Steel Bars & Sheets for Tools, Saws, Knives & Files; also Rerolled Swedish & Norway Iron; also Rerolled & Hammered Open Hearth Steel)  
 Tacony & Lewis  
 Logan Iron & Steel Co. (Bar & Staybolt Iron, Iron Angles, Crow Bars, Links & Pins, Drill Rods, etc.), Morris bldg. Works: Burnham, Pa.  
 Midvale Steel Co. (Crucible & Open Hearth Bar Steel, Rods, Spring Steel, Hammered Car Axles, Forged Armor Plate, etc.), Nicetown  
 Nicetown Plate Washer Co. (Refined Merchant Bar Iron & Medium Steel Bars), 1324 Juniata  
 Philadelphia Steel & Forge Co., Tacony (See New York)  
 Phoenix Iron Co. (Open Hearth Steel Ingots, Bars, Acid & Basic Process Beams, Angles, Channels), 410 Walnut. Works: Phoenixville, Pa.  
 Standard Steel Works Co. (Open Hearth Steel Ingots, Steel Car & Locomotive Tires, Axles, etc.), Morris bldg. Works: Burnham, Pa.  
 Wood Alan Iron & Steel Co. (Basic Open Hearth Steel Billets, Slabs, Sheet Bars, Black & Galvanized Iron & Steel Sheets & Plates, Locomotive Jacket Steel, Bath

Boiler, Swede & Norway Sheets, Gas Holder, Corrugated, Pickled & Cold Rolled Sheets, Water Pipe & Light Plates), Widener bldg. Works: Conshohocken, Pa.  
**PHOENIXVILLE**—Phoenix Iron Co. (See Phila., Pa.)  
**PITTSBURGH**—Alcania Co. (Tin & Terne Plate & Black Plates for Tinning), Oliver bldg. Works: Avonmore, Pa.  
 Alleghany Steel Co. (Sheet Steel, Tank Plate, Sheet Bar, etc.) Oliver bldg. Works: Brackenridge, Pa.  
 American Bridge Co. (Structural Steel, Billets, Blooms, Ingots), Frick bldg.  
 American Sheet & Tin Plate Co. (Bessemer Open Hearth, Acid & Basic Sheet Iron & Steel, Black, Planished, Polished, Galvanized & Corrugated, Cold Rolled Tin & Terne Plate, etc.), Frick bldg.  
 American Steel & Wire Co., Frick bldg. See *adv index at end of book*  
 Brown & Co. (Tool Steel, Refined Bar & Hammered Iron for Special Purposes), 10th & Duquesne Way  
**BYERS A. M. CO.** (Wrought Iron Pipe), 235 Water  
 See *adv index at end of book*  
 Carbon Steel Co. (Open Hearth Steel, Billets, Ingots, Sheared Plates, Universal Rolled Plates, Carbon Chrome Safe Plates, Locomotive, Driving, Car Axles, General, etc.), ft 32d  
 Carnegie Steel Co. (Steel Billets & Blooms, Rails, Beams & Structural Shapes, Armor & Boiler Plate, etc.) Carnegie bldg.  
 Carter Iron Co. (Iron Bar, Staybolt, Roofing, Chains, etc.) 307 5th av, Hays Station, Pa. Mills: Paden City, W. Va.  
 Colonial Steel Co. (Crucible & Open Hearth Steel in Bars, Sheets, Circular Plates, etc.), 324 4th av, Mills, Colona, Pa.  
 Columbia Steel & Shafting Co. (Polished Turned Steel Shafting & Cold Drawn Shapes, etc.), Kirkwood. Mills: Rankin, Pa.  
 Crucible Steel Co. of America (Tool Steel, Merchant Bar Steel, Boiler & Tank Plate, Cold Drawn & Polished Steel Shafting, Cold Rolled Steel & General & Nickel Steel Forgings), Oliver bldg.  
 Dilworth, Porter & Co. Ltd. (Tie Plates, Spikes, etc.) 4th & Bing-ham  
 Follansbee Bros. Co. (Iron & Open Hearth Sheet Steel Sheets, Tin Plate & Black Plates for Tinning)  
 Garrison A. Foundry Co. (Steel)  
 Hussey-Binns Shovel Co. (Crucible Cast Steel Consumed in the Mfr. of Shovels) 223 4th av  
 Jones & Laughlin Steel Co. (Steel Billets & Blooms, Beams, Channels, Angles, Tees, Zees, Plates, Bars, Bands, Rails Up to 40 lbs., Cold Rolled Steel, Chain, Rivets, Spikes, Forgings, etc.) Ross  
 Lockhart Iron & Steel Co. (Bar, Bands & Hoops, Angles, Channels & Tees, etc.), (See McKees Rocks, Pa.)  
 Monongahela Iron & Steel Co. (Bar Iron, Muck Bar, Staybolt Iron, Iron Chains, etc.), Farmers Bank bldg. Mills: Hayes, Pa.  
 Monongahela Tube Co., Ferguson bldg. Mills: Wilson, Pa.  
 National Tube Co. ("NATIONAL" Pipe & Boiler Tubes, etc.), Frick bldg. See *adv index at end of book*  
 Oliver, Iron & Steel Co. (Bar Iron & Steel, Bolts, Nuts, Rivets, Forgings, etc.) S 10th & Muriel  
 Pittsburgh Cold Rolled Steel Co. (Cold Rolled Flat Strip Steel), 39th & P. R. R.  
 Pittsburgh Forge & Iron Co. (Merchant Bar & Staybolt Iron, etc.), 1003 Penn av  
 Pittsburgh Spring & Steel Co. (Spring Steel all consumed by the Company) Farmers Bank bldg.  
 Pittsburgh Steel Co. (Steel Billets, Wire, Rods & Nails, Steel Bands & Hoops, Staples, Cotton Ties, Barbed Wire, etc.), 5th av & Grant

Pittsburgh Steel Products Co. (Seamless Steel Boiler & Mechanical Tubes) Frick bldg.  
 Pittsburgh Tube Co. (Bedstead Tubing), Keystone bldg., Mills, Colona, Pa.  
 Russell J. C. Shovel Co. (Shovel Blanks, all consumed by the Company), 336 4th av  
 Spang, Chalfant & Co. (Pipe & Tube Mills), Union Bank bldg. Works: Etna, Pa.  
 Standard Steel Car Co. (Steel Cars). A. V. R. R. Works: Butler, Pa.  
 West Leechburg Steel Co. (Hot & Cold Rolled Strip Steel) Farmers Bk bldg. Works: West Leechburg, Pa.  
**PORT VUE**—McKeesport Tin Plate Co. (See McKeesport, Pa.)  
**POTTSTOWN**—Glasgow Iron Co. (Muck Bars, Boiler, Tank & Bridge Plates, Boiler Heads, Pipe Flanges, etc.)  
 Lessig Geo. B. Co. (Tack, Nail & Shovel Plate & Puddle Bars, etc.)  
 Potts Bros. Iron Co. (Iron Skelp, Muck Bar & Pipe Iron)  
**POTTSVILLE**—Eastern Steel Co. (Steel Beams & Structural Shapes, Bridge Plate, etc.). (See Pittsburgh, Pa.)  
**RANKIN**—Columbia Steel & Shafting Co.  
**READING**—Carpenter Steel Co. (Crucible Tool Steel, Gun, Roller & Machinery Steel, etc.)  
 Reading Iron Co. (Merchant Bar Iron, Wrought Iron Pipe, Staybolt Iron, etc.)  
 Seyfert Simon (Est. of). Works: Blandon, Pa.  
**SALTSBURG**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
**SCOTTDAL**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
**SCRANTON**—Scranton Bolt & Nut Co. (Bar Iron, Bolts, Nuts, etc.)  
**SHARON**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
 Carnegie Steel Co. (See Pittsburgh, Pa.)  
 Republic Iron & Steel Co. (See Youngstown, O.)  
 Sharon Steel Hoop Co. (Open Hearth Steel Billets, Ingots & Bands, Hoops & Strips)  
**SHARPSBURG**—Moorehead Bros. & Co., (Bar Iron, Boiler Sheet Tank & Skelp Iron & Steel)  
**SLATINGTON**—Slatington Iron & Steel Co. ("Slatington Best," "Slatington Norway," "Slatington Staybolt," "Lehigh," High Grade Bar Iron, Also Staybolt, Boiler Rivet, Horse Shoe, Angle & Drop Forging Iron, etc.)  
**SOUTH BETHLEHEM**—Bethlehem Steel Co. (Steel Billets & Blooms, Armor Plate Steel Bars, Light Rails, etc.)  
**STEELTON**—Penna. Steel Co. (See Philadelphia, Pa.)  
**VANDERGRIFT**—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)  
**WASHINGTON**—Jessop Steel Co. (See New York City)  
 Tyler Tube & Pipe Co. (Charcoal Skelp & Blooms & Lap Welded Boiler Tubes)  
 Universal Rolling Mill Co.  
**WEST LEECHBURG**—West Leechburg Steel Co. (See Pittsburgh, Pa.)  
**WILLIAMSPORT**—Sweets Steel Co. (Merchant Bar Steel, Special Open Hearth, Steel, Machinery Steel, Calking Steel, Soft Steel, etc.)  
 Williamsport Iron & Nail Co. (Muck Bar Iron, Cut Nails, etc.)  
**WILSON**—Monongahela Tube Co. (See Pittsburgh, Pa.)  
 Morris & Bailey Steel Co. (Cold Rolled Steel Sheets, etc.)  
**WYOMING**—Wyoming Shovel Works (Steel Sheets & Light Plates & Shovel Mfrs.)  
**YORK**—Susquehanna Iron Co. (See Columbia, Pa.)

## RHODE ISLAND.

**PHILLIPSDALE**—Washburn Wire Co. (Steel Billets, Steel Wire Rods & Nails, etc.)  
**VALLEY FALLS**—Rhode Island Perkins Horse Shoe Co. (Bars for Horse Shoes & Tot Calks)



## TENNESSEE.

BRISTOL—Virginia Iron Coal & Coke Co. (See Roanoke, Va.)

KNOXVILLE—Knoxville Iron Co. (Merchant Bar Iron & Steel)

## TEXAS.

FORT WORTH—Texas Rolling Mill Co. (Merchant Bar Iron)

## VIRGINIA.

RICHMOND—Old Dominion Iron & Nail Works Co. (Merchant Bar Iron, Car & Bridge Iron, etc.) Belle Isle

Tredegar Co. (Merchant Bar, Car & Fish Plates) Ft of 5th

ROANOKE—Virginia Iron, Coal & Coke Co. (Merchant Bar Iron), Mills: Bristol, Tenn.

## WEST VIRGINIA.

BENWOOD—National Tube Co. (See Pittsburgh)

CLARKSBURG—Phillips Sheet & Tin Plate Co. (Black Plates for Tinning & Tin & Terne Plate & Sheet Steel)

HUNTINGTON—West Virginia Rail Co. (Light Rails)

MORGANTOWN—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

PADEN CITY—Carter Iron Co. (See Pittsburgh, Pa.)

PARKERSBURG—Parkersburg Iron & Steel Co. (Sheet Iron & Steel)

WEIRTON—Phillips Sheet & Tin Plate Co. (Polished Sheets, Steel Sheets for Stamped Ware, Stove Pipe, Enameling & Galvanizing Stock, Milk Can & Show Card Stock, Trunk & Tagger's Iron & Tin & Terne Plate Mfrs.) (Works, also Steubenville, O.)

WHEELING—American Sheet & Tin Plate Co. (See Pittsburgh, Pa.)

Wheeling Steel & Iron Co. (Steel Billets & Blooms, Steel Sheets, Skelp, Wrought Steel Pipe)

Whitaker-Glessner Co. (Open Hearth Steel Billets, Slabs, Ingots, Light Plates, Sheets, etc.)

## WISCONSIN.

MILWAUKEE—American McKenna Process Co. (Renewed Steel Rails), 508 Colby-Abbot. Works: Joliet, Ill., Kansas City, Kans., & Tremley Joint, N. J.

Harrow Spring Co. (Refined Bar Iron, Milled Steel Bars & Spring Steel, etc.)

Illinois Steel Co. (See Chicago, Ill.)

## 12650—Rolling Mills (Lead &amp; Zinc)

See also Rolling Mill Machy.

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

See adv index at end of book

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Mesta Machine Co., Pittsburgh, Pa.

See adv index at end of book

Standard Machinery Co., Providence, R. I.

## 12651—Rolling Mills (Phosphor Bronze, Etc.)

Riverside Metal Co., Riverside, N. J.

## 12652—Rolls (Adding Machine)

Alling & Cory Co., Rochester, N. Y.

American Sales Book Co. (Ltd.) (Duplicate), Elmira, N. Y.

BECK CHAS. CO., 607 Chestnut, Phila., Pa. See adv index at end of book

Dudley Paper Co., Lansing, Mich.

Hammermill Paper Co., Erie, Pa.

International Roll Paper Co., No. Manchester, Ind.

Irish Geo. Paper Co., Buffalo, N. Y.

Miller-Bryant-Pierce Co., Aurora, Ill.

Nashua Spoon & Bobbin Co., Grove Hall Station, Boston, Mass.

Paper Manufacturers Co., 526 Cherry, Phila., Pa.

Ferry Chas. E. Co., 183 Congress, Boston, Mass.

Rockwell-Barnes Co., 823 S Wabash av, Chicago, Ill.

Tuttle Press Co., Appleton, Wis.

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg, Buffalo, N. Y.

See adv index at end of book

## Rolls (Automobile Tool)

See Tool Rolls, Automobile

## 12653—Rolls (Bar)

Seaman-Sleeth Co., Pittsburgh, Pa.

## 12654—Rolls (Beater)

Dilts Machine Works (Bandless Beater Rolls for Paper Mills), Fulton, N. Y.

## 12655—Rolls (Belt Conveyor)

LINK-BELT CO., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

See adv index at end of book

## 12656—Rolls (Bending, Hand &amp; Belt Power)

Chambersburg Engng. Co. (Belt & Electric Driven) Chambersburg, Pa.

Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.

HILLES & JONES CO., East Wilmington, Del. See adv index at end of book

Ironton Punch & Shear Co., Ironton, O.

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. See adv index at end of book

Rock River Machine Co. (Hand Only), Janesville, Wis.

Slater-Marsden-Whittemore Co., Beloit, Wis.

## 12657—Rolls (Bending &amp; Straightening)

Badger State Machine Co., Janesville, Wis.

Bertsch & Co. (Hand or Power for Plates, Sheets, Angles, Angle Iron, etc), Cambridge City, Ind.

Bethlehem Steel Co. (Hydraulic Plate Bending), South Bethlehem, Pa.

Betts Machine Co., Maryland av & South, Wilmington, Del.

Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N. E., Cleveland, O.

Covington Machine Co., Covington, Va.

Erie Forge Co. (Feed), Erie, Pa.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

HILLES & JONES CO., East Wilmington, Del. See adv index at end of book

Huntington Machine & Foundry Co., Huntington, Ind.

Ironton Punch & Shear Co. (Heavy Power), Ironton, O.

Klemm E. R. (Plate Bending), 1453 Austin av, Chicago, Ill.

Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.

Long & Allstatter Co. (Tire Bending, etc), Hamilton, O.

Mesta Machine Co., Pittsburgh, Pa.

MORGAN ENGINEERING CO. (Plate Bending, etc), Alliance, O.

See adv index at end of book

Neumeyer & Dimond ("Demag" for Plates, Sheets, etc, Imp.), 82 Beaver, New York

New Doty Mfg. Co., Janesville, Wis.

Niles-Bement-Pond Co., 111 B'way, New York

Niles Forge & Mfg. Co. (Plate Bending), Niles, O.

Perkins Machine Co. (Hand & Power Bending, Electric), Warren, Mass.

Rock River Machine Co. ("Badger" Hand & Belt Power & Motor Driven Plate Bending Rolls), Janesville, Wis.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Seaman-Sleeth Co., Pittsburgh, Pa.

Sellers Wm. & Co., 1600 Hamilton, Philadelphia, Pa.

Slater-Marsden-Whittemore Co. ("Beloit" Bending), Beloit, Wis.

Taylor-Wilson Mfg. Co. (Plate Skelp Bending Only), McKees Rocks, Pa.

Titusville Forge Co., Titusville, Pa.

United Engng. & Fdry Co., 307 5th av, Pittsburgh, Pa.

Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

Wickes Bros. (Plate, etc), Saginaw, Mich.

See adv index at end of book

## 12658-9—Rolls (Blue Print)

Lovell Mfg. Co. (And for Mechanical Work), Erie, Pa.

## 12660—Rolls (Brass &amp; Bronze)

AMERICAN BRASS CO., Waterbury, Conn.

For branch offices see adv index at end of book

Beloit Iron Works, Beloit, Wis.

Rome Brass & Copper Co. (Coiled), Rome, N. Y.

## 12661—Rolls (Breaker)

American Manganese Steel Co. "Amsco" & ("Stag" Brand, Manganese Steel for Coal Breakers, etc), 332 S Michigan av, Chicago, Ill.

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. See adv index at end of book

LINK-BELT CO. ("Flint-Rim" for Coal, Coke, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry., Phila., Pa.

See adv index at end of book

See adv index at end of book

See adv index at end of book

## 12662—Rolls (Bullion)

Calkins Co., Los Angeles, Cal.

## 12663—Rolls (Chilled Calender)

Bellows Falls Machine Co., Bellows Falls, Vt.

Clark H. C. & Son Machine Co., Lee, Mass.

Farrel Foundry & Machine Co., Ansonia, Conn.

Garrison A. Fdry. Co., 901 Bingham, Pittsburgh, Pa.

Holyoke Machine Co. (Chilled Iron, Paper, Cotton & Husk), Holyoke & Worcester, Mass.

Improved Paper Machinery Co., Nashua, N. H.

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

National Roll & Foundry Co., Avonmore, Pa.

Norwood Engineering Co. (Chilled Iron, Paper & Cotton) Florence, Mass.

Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.

Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.

Thropp Wm. R. & Sons Co. (Solid & Hollow Chamber), Trenton, N. J.

## 12664—Rolls (Chilled for Rolling Gold &amp; Silver)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

## 12666—Rolls (Composition Calender &amp; Paper Machinery)

Fuller Iron Wks., 40 Tockwotton, Providence, R. I.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

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**12668—Rolls (Crushing)**

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
 Bonnot Co. (Clay, etc), Canton, O.  
 Buchanan C. G. Co. ("Buchanan" Plain or Corrugated), 90 West, New York  
 Buckeye Iron & Brass Works, Dayton, O.  
 Callahan W. P. Co. (Cottonseed & Linseed, etc), Dayton, O.  
 Central Foundry Co., Webb City, Mo.  
 Chalmers-Williams Mfg. Co. (For Gold & Silver Ore, or Cement Plants), 1461 Arnold, Chicago Heights, Ill.  
 Colorado Iron Works Co. ("Humphrey"), Denver, Col.  
 Davis F. M. Iron Works Co., Denver, Col.  
 Denver Engineering Works Co., Denver, Colo.  
 Dillon-Box Iron Works Co., Denver, Colo.  
 Farrel Foundry & Machine Co., Ansonia, Conn.  
 French Oil Mill Machinery Co., (Seed Crushing), Piqua, O.  
 Galena Iron Works Corp., Galena, Ill.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Hallidie Co. (Straight Line Balanced), Spokane, Wash.  
 Hendy Joshua Iron Works (Ore), 75 Tremont, San Francisco, Cal.  
 Hoagland's M. Sons Co., Rockaway, N. J.  
**KENNEDY VAN SAUN MFG. & ENG. CORP.**, (Sizes 12 in. up to 72 in.), 120 Broadway, New York  
*See adv index at end of book*  
 Krom Machine Works ("Krom" Cushioned), 170 B'way, New York. Works: Jersey City, N. J.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.  
 McFarlane Mfg. Co., 3309 Blake, Denver, Colo.  
 McFarlane Peter & Sons Iron Works Co. (Horizonthal), Denver, Colo.  
 Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.  
 Mine & Smelter Supply Co., 42 B'way, New York  
 Nordberg Mfg. Co., Milwaukee, Wis.  
 Penna. Crusher Co., Stephen Girard bldg, Philadelphia, Pa.  
 Philadelphia Roll & Mach. Co., 23d & Washington av, Phila., Pa.  
 Platt Iron Works Co., Dayton, O.  
 South St. Louis Foundry Co., 7514 S B'way, St. Louis, Mo.  
 Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.  
 Standard Steel Works Co. (Steel), Morris bldg, Phila., Pa.  
 Stedman's Foundry & Mach. Wks., Aurora, Ind.  
 Sturtevant Mill Co. (Balanced for Dry & Wet Materials), Clayton & Park, Dorchester, Boston, Mass.  
 Ticonderoga Machine Works, Ticonderoga, N. Y.  
 Titusville Forge Co. (Sugar Mill), Titusville, Pa.  
 Traylor Engineering & Mfg. Co., Allentown, Pa.  
 United Iron Works Co., Springfield, Mo.  
 Wilmot Engineering Co. ("Lloyd's" Gear Driven), Hazelton, Pa.  
 Worthington Pump & Machinery Corp, 115 B'way, New York

**12669—Rolls (Dandy)**

Appleton Wire Works, Appleton, Wis.  
 Bigelow Cheney Wire Works, Springfield, Mass.  
 Buchanan & Bolt Wire Co., Holyoke, Mass.  
 Eastwood Wire Mfg. Co., Belleville, N. J.  
 Gleeson Thos. E., East Newark, N. J.  
 Smith C. H. & Co., Springfield, Mass.

**12670—Rolls (Engravers')**

Hoggson & Pettis Mfg. Co., 161 Brewery, New Haven, Conn.

**12671—Rolls (Felt)**

Ticonderoga Machine Works (For Paper Makers), Ticonderoga, N. Y.

**12672—Rolls (Flaking)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Wolf Co., Chambersburg, Pa.

**12673—Rolls (Forged Steel)**

Birmingham Iron Foundry, Derby, Conn.  
 Penna. Forge Co., Wakeling & Bermuda, Phila., Pa.  
 Tinker F. & Sons Co., 5687 Butler, Pittsburgh, Pa.  
 Trethewey Samuel & Co. (Ltd.) (Hardened), 57th, Pittsburgh, Pa.

**12674—Rolls (Forging & Tapering)**

Ajax Mfg. Co., Cleveland, O.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**12675—Rolls (Grinding)**

Abbe Engineering Co., 220 B'way, New York. *See adv index at end of book*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 Buchanan C. G. Co. (Wet & Dry), 90 West, New York  
**CROSSLEY MACHINE CO.** (For Rubber Only), State & Chestnut av, Trenton, N. J. *See adv index at end of book*  
 Dillon-Box Iron Works Co., Denver, Colo.  
 Gauntt F. G. Mfg. Co. (For Flour Mills), Fort Wayne, Ind.  
 National Roll & Foundry Co. (Paper, Oil & Flour Mill), Avonmore, Pa.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Sandy Hill Iron & Brass Works (For Paper Mills), Hudson Falls, N. Y.  
 Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.  
 Wolf Co., Chambersburg, Pa.

**12676—Rolls (High Carbon Steel)**

Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.

**12677—Rolls (Hub Band Bending & Truing)**

Williams White & Co., Moline, Ill.

**12678—Rolls (Ignition Friction)**

Waltham Screw Co. (In connection with Ceric Iron), Waltham, Mass.

**12679—Rolls (Jewelers')**

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Hamilton George (Figured, For Rings, etc), 144 Pine, Providence, R. I.  
 Hammond Steel & Forgings Co., Solvay, N. Y.  
 Leiman Bros., 62 John, New York  
 Manville E. J. Machine Co., Waterbury, Conn.  
 Trethewey Sam'l & Co. (Ltd.), 57th, Pittsburgh, Pa.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
 Worthington & Raymond (Dealer), 47 John, New York

**12680—Rolls (Lap Welding)**

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 United Engng. & Fdry. Co. (Single & Double for Pipe & Tube Mills), 307 5th av, Pittsburgh, Pa.

**12681—Rolls (Leather Pressure)**

Barry & Zecher Co., Lancaster, Pa.

**12682—Rolls (Lime)**

Union Iron Works Co., Selma, Ala.

**12683—Rolls (Live)**

**ALLIS-CHALMERS MFG. CO.** (Also Drives, For Sawmills), Milwaukee, Wis. *See adv index at end of book*  
 Curtis & Co. Mfg. Co. ("Curtis"), 1571 Klenlen av, St. Louis, Mo.  
 Union Iron Works Co., Selma, Ala.  
 Wheland Co. (Steel), Chattanooga, Tenn.

**12684—Rolls (Merchant Shapes)**

Seaman-Sleeth Co., Pittsburgh, Pa.

**12685—Rolls (Music, Perforated)**

Royal Music Roll Co., 2964 Main, Buffalo, N. Y.

**12686—Rolls (Oil Mill)**

Lobdell Car Wheel Co. G nr Christiana, Wilmington, Del.  
 National Roll & Foundry Co. (Cotton & Linseed), Avonmore, Pa.

**12687-8-9—Rolls (Painting, for Long Length Sheet Metal)**

Canton Foundry & Machine Co., Canton, O.

**12690—Rolls (Pipe Welding)**

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

**12691—Rolls (Plate)**

Seaman-Sleeth Co., Pittsburgh, Pa.

**Rolls (Plate Bending)**

*See Rolls. Bending & Straightening*

**12692—Rolls (Rail)**

Seaman-Sleeth Co., Pittsburgh, Pa.

**12693—Rolls (Ribbon Solder)**

Marquette Jno. N. Sons, 513 S Eden, Baltimore, Md.

**12694—Rolls (Rubber)**

American Wringer Co. (Rubber Covered), Woonsocket, R. I.  
 Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Combination Rubber Mfg. Co. (Also Rubber Covered) Bloomfield, N. J.  
 Continental Rubber Works, Erie, Pa.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Gutta Percha & Rubber Mfg Co., 126 Duane, New York  
 Lovell Mfg Co. (For Laundries, Woolen Mills, Tanneries, etc), Erie, Pa.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mercer Rubber Co. (Rubber Covered), Hamilton Square, N. J.  
 New York Belting & Packing Co. (Rubber Covered), 91 Chambers, New York  
 New York Rubber Co., Reade & Church, New York  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Revere Rubber Co. (And Rubber Covered), 60 High, Boston, Mass.  
 Thermoid Rubber Co., Trenton, N. J.

**12695—Rolls (Sand & Chilled)**

*See also Machinery. Rolling Mill*  
 American Roll & Foundry Co. (Sand & Chilled Only), Canton, O.  
 American Sheet & Tin Plate Co. (Sand Chilled & Semi-Steel), Canton, O.  
 Beloit Iron Works (Iron), Beloit, Wis.  
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
 Birmingham Iron Foundry (Sand & Chilled Only), Derby, Conn.  
 Black-Clawson Co., Hamilton, O.  
 Farrel Foundry & Machine Co. (Chilled & Sand), Ansonia, Conn.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Hess-Snyder Co. (Sand Only), Massillon, O.  
 Hubbard Steel Foundry Co. (Chilled Sand & Steel), East Chicago, Ind.  
 Hyde Park Foundry & Machine Co. (Sand & Chilled), Hyde Park, Pa.  
 Lobdell Car Wheel Co. (Sand & Chilled Cast Iron), G nr Christiana, Wilmington, Del.  
 Massillon Foundry & Mach. Co. ("Massillon"), Massillon, O.



# ROLLS

**Chilled - Sand Iron - Steel**  
**"MESTA SPECIAL ALLOY"**  
**MESTA MACHINE COMPANY**  
**Pittsburgh, Pa. - U. S. A.**

National Roll & Foundry Co. (Sand & Chilled), Avonmore, Pa.  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

**PHILADELPHIA ROLL & MACHINE CO.**  
 (Sand Chilled & Steel), 23d & Wash'n av, Phila., Pa.

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

Reading Iron Co., Reading, Pa.

Seaman-Sleeth Co. (For all purposes, for Metal Rolling), Pittsburgh, Pa.

Standard Engineering Co., Ellwood City, Pa.

Standard Roll Co. (Iron), Worcester, Mass.

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

United Iron Works Co., Springfield, Mo.

Wheeling Mold & Foundry Co. (Sand & Chilled), Wheeling, W. Va.

Youngstown Foundry & Machine Co., Youngstown, O.

## 12696—Rolls (Scrap Reclaiming)

Ajax Mfg. Co., Cleveland, O.

## 12697—Rolls (Smoothing Armature Segments, Disks & Sheet Metal Blocks)

**BLISS E. W. CO.**, 19 Adams, Brooklyn N. Y. See adv index at end of book

## 12697a—\*Rolls (Special Alloy)

Mesta Machine Co., Oliver bldg., Pittsburgh, Pa. See adv index at end of book

## 12698—Rolls (Stay)

Frantz Mfg. Co., Sterling, Ill.  
 Lawrence Bros. ("Union," "Faultless," Adjustable), Sterling, Ill.

## 12699—Rolls (Steel)

Steel Rolls for Rolling Mills, etc

Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

Hubbard Steel Foundry Co., E. Chicago, Ind.

Lobdell Car Wheel Co., G nr Chrisiana, Wilmington, Del.

Mackintosh, Hemphill & Co., Pittsburgh, Pa.

**MESTA MACHINE CO.** (Acid Open Hearth), Pittsburgh, Pa.

See adv index at end of book

**Penn Seaboard Steel Corp.**, 1418 Chestnut, Philadelphia, Pa.

Pittsburgh Iron & Steel Foundries Co., Midland, Pa.

Pittsburgh Steel Foundry, House bldg., Pittsburgh, Pa.

Pratt & Letchworth Co. (Vanadium & Other Steel), Buffalo, N. Y.

United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

## 12704—Rolls (Typewriter)

Goodrich B. F. Co. (Rubber), Akron, O.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

## 12705-6—Rolls (Vacuum)

Farnham Mfg. Co. ("Farnham" for Cylinder & Wet Machines for Paper Mills), 39 Indiana, Buffalo, N. Y.

## 12707—Rolls (Wood)

Beloit Iron Works, Beloit, Wis.

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Standard Turning Works, Cambridge, Mass.

Tatem J. B. & Son (Lawn Mower & Heavy), Putnam, Conn.

## Rolls (Wringer)

See Rolls, Rubber

## 12707a—\*Roof Coating

du Pont Chemical Works, 120 Broadway, New York

## 12708—Roof Joint

Parker E. L. & Nimmo Co. ("Reese" Patent Water Tight, Expanding, etc), 203 S Charles, Baltimore, Md.

## 12709—Roof Paving Compound

Powell M. W. Co. ("Actinolite"), 140 S Dearborn, Chicago, Ill.

## 12710—Roof Snow Guards

Berger Bros. Co., 229 Arch, Philadelphia, Pa.

Clason Snow Guard, 428 Kinsley av, Providence, R. I.

Cleveland Wire Spring Co., Cleveland, O.

Danzer Metal Works, Hagerstown, Md.

Duplex Hanger Co. ("Cleveland," Galvanized & Corrugated), Cleveland, O.

Folsom Snow Guard Co., 4 P. O. sq, Boston, Mass.

Fulmer J. H. ("Eagle," "Fulmer," "Eureka"), Nazareth, Pa.

**GILMAN SNOW GUARD CO.** ("Gilman" can be applied while slating or to old roofs already laid), 103 Merrimac, Boston, Mass.

Hamblin & Russell Mfg. Co. ("Brace," "Standard"), Worcester, Mass.

Hungerford U. T. Brass & Copper Co. ("Gilman" Copper & Galv'd Iron), 80 Lafayette, New York

Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.

See adv index at end of book

National Safety Fifth Wheel Co. ("Shamrock"), Lancaster, Pa.

Niksah Snow Guard Co., 5 Mount Pleasant, Worcester, Mass.

Peters F. N. & Bro ("Never Break"), New-side, Pa.

Sieger & Son Mfg. Co., Slatington, Pa.

Wrightsville Hardware Co. (Cast Iron), Wrightsville, Pa.

## Roof Trusses

See Steel Structural Work

## 12711—Roofers (Plastic Slate)

Aeolian Plastic Slate Roofing Co. (Tile, Brick & Slate Paved Roofs), 637 W 42d, New York

Casmento Specif Roofing Co., 103 Park av, New York

Foy Edw. I. & Co., 16 W Camden, Baltimore, Md.

Griffin Roofing Co., 506 W 26th, New York

Laura John & Co., 101 Park av, New York  
 National Roofing Material Co. ("Compo-Slate"), Edwardsville, Ill.  
 Noble H. Co., 623 S Caroline, Baltimore, Md.

## 12712—Roofing (Actinolite)

Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.

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## 12713—Roofing (Asbestos)

Asbestos Textile Co., Woolworth bldg, New York

Baltimore Roofing & Asbestos Mfg. Co., Baltimore, Md.

Carey Philip Mfg. Co. ("Carey," "Feltex" Asphalt Saturated Felt, "Manco," "Asphalt Cement," "Combo" "Asphalt Cement," "Percoproof"), 330 Wayne av, Lockland, Cincinnati, O.

Chicago Asbestos Mfg. Co., 1909 W 22d pl, Chicago, Ill.

Chicago Fire Proof Covering Co., 322 N Michigan av, Chicago, Ill.

Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.

Federal Asbestos Co., Milwaukee, Wis.

Johns H. W.-Manville Co. ("J. M. Ready"), Madison av & 41st, New York

Keasbey & Mattison Co., Ambler, Pa.

Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.

Rock Asbestos Roofing Co., Erie, Pa.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

Warren Chemical & Mfg. Co., 17 Battery pl, New York

Watson H. F. Co., Erie, Pa.

Western Asbestos Magnesia Co., 25 S Park, San Francisco, Cal.

Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

## 12715—Roofing (Asbestos Protected Metal)

Asbestos Protected Metal Co. ("Aegis-roll"), Beaver Falls, Pa.

Moeschl-Edwards Corrugating Co. ("Gem" Brand Underside Protected with Cement Paper or Asbestos), Covington, Ky.



Carey Philip Mfg. Co. ("Carey" "Felte" Asphalt Saturated Felt "Manco" Asphalt Cement, "Combo" Asphalt Cement, "Percoproof"), 330 Wayne av, Lockland, Cincinnati, O.

Carpenter-Morton Co. (Wool Felt Saturated with Asphalt), 77 Sudbury, Boston, Mass.

Chapman & Soden ("Beaver," "I. X. L."), 150 Oliver, Boston, Mass.

Chatfield Mfg. Co. ("Paracote" Asphalt Felt), Carthage, Cincinnati, O.

Doggett Stanley (Soapstone Finish), 11 Cliff, New York

Driscoll Bros. & Co. ("Cornell"), Ithaca, N. Y.

Elaborated Ready Roofing Co., 4417 Wentworth av, Chicago, Ill.

Fairbank, Morse & Co. ("Eclipse"), 900 S Wabash av, Chicago, Ill.

Flinkote Mfg. Co. ("Rex Slate Surfaced," "Rex Inlaid"), 88 Pearl, Boston, Mass.

Ford Mfg. Co. ("Gal-va-nite"), 2339 La Salle, Chicago, Ill.

Garry Iron & Steel Co., Niles, O.

General Roofing Mfg. Co., Boatman's Bk bldg, St. Louis, Mo.

Heppes-Nelson Roofing Co. ("Flex-a-Tile Roofing"), 4500 Fillmore, Chicago, Ill.

Indian Refining Co., 44 Whitehall, New York

Keystone Roofing Mfg. Co., York, Pa.

Lehon Co. ("Mule-Hide," "Roofrite") W 45th & S Western av, Chicago, Ill.

Lewis F. J. Mfg. Co., 2513 S Robey, Chicago, Ill.

McHenry-Milhouse Mfg. Co. ("Climax"), South Bend, Ind.

Mahon R. C. Co. (Gravel Surface), St. Aubin & E Grd blvd., Detroit, Mich.

National Roofing Co. ("Security," "Safety"), Tonawanda, N. Y.

National Roofing Material Co. ("Mastic," "Swan," "Ever-Wear," "No-Equal," "Permanite" & "National"), Edwardsville, Ill.

Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.

Pioneer Paper Co. ("Ready Rock"), Los Angeles, Cal.

Porter Iron Roofing & Corrugating Co. ("Porteroid"), 522 Culvert, Cincinnati, O.

Schillinger Bros. ("Eagle" Brand), Detroit, Mich.

Scott Roofing & Mfg. Co. ("Asteroid"), 408 Culvert, Cincinnati, O.

Sonneborn L. Sons ("Sonnecote," "Storm-tight," Asphalt-Fibre), 262 Pearl, New York

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

Texas Co. ("Texaco"), 17 Battery pl, New York

Trainer C. W. Mfg. Co., 55 High, Boston, Mass.

Trinidad Asphalt Mfg. Co., Title Guaranty Trust bldg, St. Louis, Mo.

United Roofing & Mfg. Co. ("Congo"), Morris bldg, Phila., Pa.

Usona Mfg. Co. ("Howard's" Double Lap, "Usona"), Aurora, Ill.

Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

Warren Chemical & Mfg. Co. ("Anchor," "Walrus," "Mineralite" and "Permanoid"), 17 Battery pl, New York

Watson H. F. Co. ("Indurroid"), Erie, Pa.

Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

Whitaker Paper Co. ("Raintyte"), Eggleston av, 6th & Lock, Cincinnati, O.

White A. H. Co., Ltd. ("Shellene," "Phaltold," "Steelcote"), Howard Vinus Miro & Tonti, New Orleans, La.

#### 12717—Roofing (Asphalt Slag)

Hetzel J. G., 67 Main, Newark, N. J.

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

#### 12718—Roofing ("Burmite")

Burmite Roofing Co. (Flexible-Cement, Burlap Inserted), 19 S La Salle, Chicago, Ill.

#### 12719—Roofing (Canvas)

Barrell Wm. L. Co. ("Con-Ser-Vit"), 8 Thomas, New York

Boyle John & Co. ("Bayonne"), 112 Duane, New York

Flinkote Mfg. Co. ("Paradux"), 88 Pearl, Boston, Mass.

National Roofing Material Co. ("Mastic," "Compo-Slate," "Gravel-Coated" & "Burlap-Gravel"), Edwardsville, Ill.

#### 12720—Roofing (Car)

Asbestos Protected Metal Co. ("Robertson" Standard For Inside of Box Cars), Beaver Falls, Pa.

Barrell Wm. L. Co. ("Con-Ser-Vit"), 8 Thomas, New York

Bird & Son ("Neponset," "Paroid"), East Walpole, Mass.

Carey Philip Mfg. Co. (For Freight Cars, etc.), 330 Wayne av, Lockland, Cincinnati, O.

Chicago-Cleveland Car Roofing Co. (Freight Car, Metal), 80 E Jackson blvd, Chicago, Ill.

Excelsior Car Roof Co. (Galvanized Soft Steel), Chemical bldg, St. Louis, Mo.

Ford Mfg. Co., 2339 La Salle, Chicago, Ill.

Franklin Railway Supply Co. (Flexible Metallic Box Car, etc), Franklin, Pa.

General Roofing Mfg. Co., 17th & Southern Ry., East St. Louis, Ill.

Horner W. S. & Co. (Iron & Steel), Oliver bldg, Pittsburgh, Pa.

Hutchins Car Roofing Co. (Iron & Plastic), Ford bldg., Detroit, Mich.

Johns H. W.-Manville Co. ("Car-Best-Us"), Madison av & 41st, New York

Keyes Products Co. ("Nevasplit," for Freight Car Roofs), 120 B'way, New York

Lehon Co. ("Roofite" Plaster), W 45th & S Western av, Chicago, Ill.

National Roofing Material Co. ("Mastic," "Compo-Slate," "Gravel-Coated" & "Burlap-Gravel"), Edwardsville, Ill.

Patent Vulcanite Roofing Co. ("Vulcanite" Rubber), 2256 W 49th, Chicago, Ill.

Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.

Reeves Mfg. Co., Dover, O.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

Standard Paint Co. ("Ru-ber-oid"), 233 B'way, New York

Western Elaterite Roofing Co. ("Elaterite"), Denver, Colo.

#### 12721—Roofing (Composition)

Asphalt Ready Roofing Co., 9 Church, New York

Ehret Roofing & Mfg. Co., ("Ethro"), Drexel bldg, Philadelphia, Pa.

Flinkote Mfg. Co., 88 Pearl, Boston, Mass.

Monsted A. Co., Milwaukee, Wis.

#### 12722—Roofing (Compound)

Federal Graphite Mills, 2639 E 79th, Cleveland, O.

General Roofing Mfg. Co., 17th & Southern Ry., East St. Louis, Ill.

#### 12723—Roofing (Cork)

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

#### Roofing (Duck)

See Cotton Duck & Canvas

#### 12724—Roofing (Elaterite)

Raven Mining Co. of Utah ("Kapak"), Marquette bldg, Chicago, Ill.

Western Elaterite Roofing Co., Denver, Colo.

#### 12725—Roofing (Feldspar)

Keystone Roofing Mfg. Co. ("Samson"), York, Pa.

Stowell Mfg. Co., 240 Culver av, Jersey City, N. J.

#### 12726—Roofing (Felt)

Asphalt Ready Roofing Co. ("Hudson"), 9 Church, New York

#### 12727—\*Roofing ("Leatheroid")

UNION PAPER & TWINE CO., 125 St. Clair av, N W, Cleveland, O., & 533 Brisbane bldg, Buffalo, N. Y.

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#### 12728 Roofing (Mastic)

National Roofing Material Co., Edwardsville, Ill.

Union Products Co. ("Parlock"), Cleveland, O.

#### Roofing Materials

See Specific Article Required

#### Roofing Materials (Asphalt)

See Asphalt Dealers & Importers  
Also Asphalt Miners & Refiners  
Also Roofing Asphalt

#### 12729—Roofing (Paroid)

Bird & Son ("Neponset"), East Walpole, Mass.

#### Roofing Plate, Metals, Etc.

See Roofing & Siding, Iron & Steel, also Tin Plate, Metals, etc.; also Tin Plate Manufacturers

#### 12730—Roofing (Red Rope)

Keystone Roofing Mfg. Co. ("Keystone," "Conewago"), York, Pa.

#### 12731—Roofing (Rubber)

All Roofing Mfg. Co. ("Armco"), 1843 Converse av, East St. Louis, Ill.

Asphalt Ready Roofing Co., 9 Church, New York

Barrett Co. ("Amazon"), 17 Battery pl, New York

Berkheimer J. E. Mfg. Co., Tacoma, Wash.

Cartier W. N. & Sons Co., 289 Canal, Providence, R. I.

Chatfield & Woods Co., 3d & Plum, Cincinnati, O.

Flinkote Mfg. Co. ("Mikado"), 88 Pearl, Boston, Mass.

Ford Mfg. Co. ("Ford's Pyramid"), 2339 La Salle, Chicago, Ill.

General Roofing Mfg. Co. (Reinforced with Burlap), Boatman's Bank bldg, St. Louis, Mo.

Heppes-Nelson Roofing Co. (Flint Surfaced & Slate Surfaced), 4500 Fillmore, Chicago, Ill.

Keystone Roofing Mfg. Co. ("X-L-Oid"), York, Pa.

McHenry-Milhouse Mfg. Co. ("Veribest," "Durable"), South Bend, Ind.

National Roofing Co., Tonawanda, N. Y.

National Roofing Material Co. ("Swan," "Ever Wear," "No Equal," "Permanite" & "National"), Edwardsville, Ill.

Nelson B. F. Mfg. Co., Minneapolis, Minn.

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 Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.  
 Rubber Roofing Mfg. Co. ("Apollo"), 5 Cortlandt, New York  
 Sall Mountain Co. ("Reliance"), 230 S La Salle, Chicago, Ill.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
 Standard Paint Co. ("Ru-ber-Did"), Woolworth bldg, New York  
**UNION PAPER & TWINE CO.** ("Leatheroid," "Duro"), 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bldg., Buffalo, N. Y.  
*See adv index at end of book*  
 United Roofing & Mfg. Co., Morris bldg Phila., Pa.  
 Usona Mfg. Co. ("Paratax," "Oroofs"), Aurora, Ill.

### Roofing Slate (Asbestos)

See Shingles, Asbestos

### 12732—Roofing Slate (Graduated)

Eurega Slate Quarries, Fair Haven, Vt.  
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
 General Slate Co., 200 Devonshire, Boston, Mass.  
 Hampshire Slate Co., Fair Haven, Vt.  
**JOHNSON E. J., INC.**, 19 W 44th, New York  
**OLD ENGLISH SLATE QUARRIES**, 200 Devonshire, Boston, Mass.

### 12733—Roofing Slate Mfrs.

**NOTE**—(Slate quarried in Maine is all black, ditto Virginia, while that quarried in Pennsylvania & Maryland is also black, but borders on dark blue, & is advertised by some firms as dark blue. The slate quarries of Maryland are on the Penna. State line & the P. O. address is Delta, Pa. Slate quarried in New York is red of various tints, while that quarried in Vermont is of various colors, such as green, purple, variegated, etc.)

Albion Bangor Slate Co., Wind Gap, Pa.  
 Albion Superior Slate Co., Wind Gap, Pa.  
 Albion Vein Slate Co., Bangor, Pa.  
 American Sea Green Slate Co., Granville, N. Y.  
 American Slate Co., Easton, Pa.  
 Arvonla-Buckingham Slate Co., Arvonla, Va.  
 Arvonla Slate Co., Lynchburg, Va.  
 Auld & Conger Co. ("Peach Bottom," "Bangor Ribbon"), 942 Prospect, Cleveland, O. Quarries at Poultney, Vt.  
 Baltimore Peach Bottom Slate Corp., Delta, Pa.  
 Bangor Central Slate Co., Bangor, Pa.  
 Bangor Excelsior Slate Co., Bangor & Easton, Pa. Office: Easton, Pa.  
 Bangor Slate Co., Bangor, Pa.  
 Bangor Slate Mining Co., Bangor, Pa.  
 Bangor Structural Slate Co., Bangor, Pa.  
 Bangor Washington Slate Co., Bangor, Pa.  
 Barbon Slate Co., Slatington, Pa.  
 Belfast Slate Co., Nazareth, Pa.  
 Bittner Slate Co., Slatedale, Pa. (See Allentown, Pa.)  
 Blue Mountain Slate Co., Slatington, Pa.  
 Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.  
 Blue Vein Slate Co., Slatington, Pa.  
 Bray J. Slate Co. (Dealers), Lock Box 11, East Bangor, Pa.  
 Cambridge Slate Co., Slatington, Pa.  
 Chapman Slate Co., Bethlehem, Pa.  
 Chapman Standard Slate Co., Chapman Quarries, Pa.  
 Columbia Bangor Slate Co., Bangor, Pa.  
 Columbus Slate Co. (Wholesale), New Hayden bldg, Columbus, Ohio  
 Crown Slate Co., Pen Argyl, Pa.

East Bangor Consolidated Slate Co., East Bangor, Pa.  
 Eastern Slate Co., Fair Haven, Vt.  
 Emack Jno. D. Co. (Jobber), Stephen Girard bldg, Phila., Pa.  
 Eureka Slate Mfg. Co. (Ltd.), Slatington, Pa.  
 Eureka Slate Quarries, Fair Haven, Vt.  
 Excelsior Slate Co., Pen Argyl, Pa.  
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
 Fairview Slate Co., Slatington, Pa.  
 General Slate Co. (Unfading Blue-Gray), (Quarries at Fair Haven, Vt.), 200 Devonshire, Boston, Mass.  
 Genuine Bangor Slate Co., Easton, Pa.  
 Green Mountain Slate Co., Poultney, Vt.  
 Griffith Bros. Slate Co., Slatington, Pa.  
 Griffith Wm. J., Poultney, Vt.  
 Hahn Granville, Walnutport, Pa.  
**HAMMANN SLATE CO.**, Bangor, Pa.  
 Hampshire Slate Co., Fair Haven, Vt.  
 Harding William & Co., Pen Argyl, Pa.  
 Hazel Dell Slate Co., Slatington, Pa.  
 Hercules Slate Co., Bangor, Pa.  
 Highland Slate Co., Slatedale, Pa.  
 Higrade Slate Co., Granville, N. Y.  
 Hower Jeremiah K., Danielsville, Pa.  
 Inlaid Slate Co., Wickliffe, Newark, N. J.  
 International Slate Co., Slatington, Pa.  
 Jackson Bangor Slate Co., Pen Argyl, Pa.  
**JOHNSON E. J., INC.**, 19 W 44th, New York  
 Johnson E. J. Quarrying Co., Poultney, Vt.  
 Jones Falk & Sons, Slate Hill, Pa.  
 Jones Robt. L. Slate Mfg. Co., Delta, Pa.  
 Kasch Roofing Co., Akron, Ohio.  
 Keystone Slate Co., Chapman Quarries, Pa.  
 Kimes J. B. & Co. (Jobbers), 24th & Cal-lowhill, Phila., Pa.  
 Kirtland Wm. H. (Jobbers), 1123 B'way, New York  
 Lehigh Structural Slate Mfg. Co., Bangor & Slatington, Pa.  
 Lloyd W. H., Fair Haven, Vt.  
 Lobb Parry & Co., Danielsville, Pa.  
 Lynnport Slate Works, Lynnport, Pa.  
 MacLellan H. G., 175 W Jackson, Chicago, Ill.  
 Mahar Bros. Slate Co., Fair Haven, Vt.  
 Miles Peach Bottom Slate Co., Delta, Pa.  
 Monarch Blackboard & Structural Slate Co., Slatington, Pa.  
 Montgomery Slate Co., Danielsville, Pa.  
 New York Consolidated Slate Co., Poultney, Vt.  
**NORTH BANGOR SLATE CO.**, Bangor, Pa.  
 Norton Bros., Granville, N. Y.  
 O'Brien Bros., Granville, N. Y.  
 O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.; Glen Falls, N. Y. & Fairhaven, Vt.  
 Ontalaunee Slate Mfg. Co., Lynnport, Pa.  
 Owens' Owen W. Sons, Granville, N. Y.  
 Parsons Bros. Slate Co., Pen Argyl, Pa.  
 Peach Bottom Slate Co., Delta, Pa.  
 Peerless Slate Co., Delta, Pa.  
 Penna. Hard Vein Slate Co., Easton, Pa.  
 Penna. Slate Co., Slatington, Pa.  
 Peters E. D. & Sons, Slatington, Pa.  
 Phoenix Slate Co., Wind Gap, Pa.  
 Pitts A. L. Slate Co., Arvonla, Va.  
 Portland Monson Slate Co., Portland, Me.  
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 Provident Slate Co., Slatington, Pa.  
 Rice & Co., Granville, N. Y.  
 Richmond Slate Co., Arvonla, Va. (See Richmond, Va.)  
 Richmond Slate Co., Richmond, Va. (Quarries: Arvonla, Va.)  
 Rising & Nelson Slate Co., West Pawlet, Vt.  
 Roberts & Carter, Poultney, Vt.  
 Roberts G. T., West Pawlet, Vt.  
 Royal Blue Slate Co., Slatedale, Pa.  
 Sheldon F. C. Slate Co., Granville, N. Y.  
 Shimer Slate Co., Bangor, Pa.  
 Sieger & Son Mfg. Co. (Jobbers), Slatington, Pa.  
 Slatington-Bangor Slate Syndicate, Slatington, Pa.  
 Slatington Slate Co., Slatington, Pa.  
 Standard Slate Corporation, Esmont, Va.  
 Stephens Jackson Co., Pen Argyl, Pa.  
 Stoddard D. & Son, Pen Argyl, Pa. (See Bangor, Pa.)  
 Stoddard D. & Sons, Bangor, Pa.  
 Thomas Slate Co. (Ltd.), Slatedale, Pa.  
 Tinsman M. L. & Co., Penn Argyl, Pa.  
 United Peach Bottom Slate Co., Delta, Pa.  
 Vermont Unfading Green Slate Co., Fair Haven, Vt.  
 Washington Slate Co., Slatington, Pa.

Williams Slate Co., Arvonla, Va. (See Richmond, Va.)  
 Williams Slate Roofing Co., Mutual bldg, Richmond, Va. (Quarries: Arvonla, Va.)  
 Williams R. J. Slate Co., Granville, N. Y.  
 Woodley Slate Co., Bangor, Pa.  
 Zellner Thos., Slatington, Pa.

### 12734—Roofing Slate (Purple)

American Sea Green Slate Co., Granville, N. Y.  
 Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.  
 Griffith Wm. J., Poultney, Vt.  
 Johnson E. J. Quarrying Co., Poultney, Vt.  
 Mahar Bros. Slate Co., Fair Haven, Vt.  
 New York Consolidated Slate Co., Poultney, Vt.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Rising & Nelson Slate Co., West Pawlet, Vt.  
 Sheldon F. C. Slate Co., Granville, N. Y.  
 Williams R. J. Slate Co., Granville, N. Y.

### 12735—Roofing Slate (Red)

Guthrie Bros., West Pawlet, Vt.  
 Johnson E. J. Quarrying Co., Poultney, Vt.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Sheldon F. C. Slate Co., Granville, N. Y.  
 Superior Red Slate Co., Granville, N. Y.

### 12736-7—Roofing Slate (Sea Green)

American Sea Green Slate Co., Granville, N. Y.  
 Auld & Conger Co., 942 Prospect, Cleveland, O.  
 Edward Bros., Granville, N. Y.  
 Griffith Wm. J., Poultney, Vt.  
 Norton Bros., Granville, N. Y.  
 O'Brien Bros., Granville, N. Y.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Owens' Owen W. Sons, Granville, N. Y.  
 Poultney Consolidated Slate Co., Poultney, Vt.  
 Rice & Co., Granville, N. Y.  
 Rising & Nelson Slate Co., West Pawlet, Vt.  
 Sheldon F. C. Slate Co., Granville, N. Y.  
 Williams R. J. Slate Co., Granville, N. Y.

### 12738—Roofing Slate (Unfading Green)

Eureka Slate Quarries, Fair Haven, Vt.  
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
 General Slate Co., 200 Devonshire, Boston, Mass.  
 Hampshire Slate Co., Fair Haven, Vt.  
 Johnson E. J. Quarrying Co., Poultney, Vt.  
 Lloyd W. H., Fair Haven, Vt.  
 New York Consolidated Slate Co., Poultney, Vt.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Poultney Consolidated Slate Co., Poultney, Vt.  
 Sheldon F. C. Slate Co., Granville, N. Y.  
 Vermont Unfading Green Slate Co., Fair Haven, Vt.

### 12738a—\*Roofing Slate (Variegated, Purple & Green)

Old English Slate Quarries, 200 Devonshire, Boston, Mass.

### 12739—Roofing Tile (Actinolite)

Le Goullon P., 27th & Liberty, Pittsburgh, Pa.  
 Powell M. W. Co., 140 S Dearborn, Chicago, Ill.

### 12740—Roofing Tile (Cement)

American Cement Tile Mfg. Co. ("Bonanza" for Factories, Depots, etc), Oliver bldg, Pittsburgh, Pa.  
 Federal Cement & Tile Co. (For All Types of Factory bldg), 110 S Dearborn, Chicago, Ill.

### Roofing Tile (Concrete)

See Roofing Tile, Cement

### 12741—Roofing Tile (Glass)

American Cement Tile Mfg. Co., Oliver bldg., Pittsburgh, Pa.  
 National Roofing Tile Co., Lima, O.

**Thos. Ditchett Estate**  
**Roofing Slate**  
 from the  
**Columbia Bangor Quarry**



**12742—Roofing Tile (Metallic)**

See also Shingles, Metallic

Berger Mfg. Co., Canton, O.  
 Chattanooga Roofing & Foundry Co.  
 ("New Century," "Old English"),  
 Chattanooga, Tenn.

**EDWARDS MFG. CO.**, 545-565 Eggleston  
 av., Cincinnati, O.

See adv index at end of book

Duluth Corrugating & Roofing Co., Du-  
 luth, Minn.

Mullins W. H. Co., 341 Franklin, Salem, O.  
**NATIONAL SHEET METAL ROOFING**

**CO.** ("Walter's"), 339 Grand, Jersey  
 City, N. J. See adv index at end of book

Ohio Corrugating Co., Warren, O.

See adv index at end of book

Porter Iron Roofing & Corrugating Co.,  
 522 Culvert, Cincinnati, O.

Reeves Mfg. Co., Dover, Ohio

Scott Roofing & Mfg. Co., 408 Culvert, Cin-  
 cinnati, O.

Valley Cornice & Slate Co., Ltd., Saginaw,  
 Mich.

Wheeling Metal & Mfg. Co., Wheeling,  
 W. Va.

Whitaker-Glessner Co. (Wheeling Corru-  
 gating Dept.), Wheeling, W. Va.

**12743—Roofing Tile (Metallic,  
Spanish Shapes)**

Berger Mfg. Co., Canton, O.

**EDWARDS MFG. CO.** ("Edwards"), 545-  
 565 Eggleston av., Cincinnati, O.

See adv index at end of book

Florida Metal Products Co., Jacksonville,  
 Fla.

**MERCHANT & EVANS CO.**, 2035 Wash-  
 ington av., Phila., Pa.

See adv index at end of book

Meurer Bros. Co., 575 Flushing av., Brook-  
 lyn, N. Y.

Miller & Doing, 60 York, Brooklyn, N. Y.

**NATIONAL SHEET METAL ROOFING**  
**CO.**, 339 Grand, Jersey City, N. J.

See adv index at end of book

Reeves Mfg. Co., Dover, O.

St. Paul Roofing Cornice & Ornament Co.,  
 West St. Paul, Minn.

Souther E. E. Iron Co., Klenlin & Ham-  
 burger, St. Louis, Mo.

**12744-5—Roofing Tile (Promenade)**

Akron Roofing Tile Co., Brook, Akron, O.

Camp Conduit Co., 306 Marshall bldg,  
 Cleveland, O.

Des Moines Clay Co., Des Moines, Ia.

Kushequa Ceramic Co. (Chocolate Red),  
 Kushequa, Pa.

Ludowici-Celadon Co. ("Ludowici-Cela-  
 don"), Monroe bldg, Chicago, Ill.

Valley Cornice & Slate Co., Ltd., Saginaw,  
 Mich.

White Scott A., Oliver bldg, Pittsburgh,  
 Pa.

**Roofing Tile (Reinforced)**

See Roofing Tile, Cement

**12746—Roofing Tile (Terra Cotta)**

Akron Roofing Tile Co., Brook, Akron, O.

Alfred Clay Co., Alfred Station, N. Y.

Camp Conduit Co. (6x6, 6x9, 9x9 & 12x12),  
 306 Marshall bldg, Cleveland, O.

Clark N. & Sons, 116 Natoma, San Fran-  
 cisco, Cal.

Des Moines Clay Co., Des Moines, Ia.

Detroit Roofing Tile Co., Detroit, Mich.

Ferris Warren B. Brick Co., Columbus, O.

Gladding, McBean & Co., Crocker bldg.,  
 San Francisco, Cal.

Huntington Roofing & Tile Co. (Shingle  
 Tile), Huntington, W. Va.

Ketcham O. W., 24 S. 7th, Phila., Pa.

Los Angeles Pressed Brick Co. (Impervi-  
 ous), Los Angeles, Cal.

Ludowici-Celadon Co. ("Ludowici-Cela-  
 don"), Monroe bldg, Chicago, Ill.

Maurer Henry & Son, 420 E 23d, New York,  
 & Penna. bldg, Phila., Pa. Works:

Maurer, N. J.

Mound City Roofing Tile Co., 3301 Mor-  
 ganford rd., St. Louis, Mo.

Murray Roofing Tile Co. (Flat Shingles &  
 Tile), Cloverport, Ky.

National Roofing Tile Co. ("Klay" Double  
 Interlocking), Lima, O.

United States Roofing Tile Co., Parkers-  
 burg, W. Va.

**VALLEY CORNICE & SLATE CO., LTD.**,  
 Saginaw, Mich.

White Scott A. (Mfrs. Agent), Oliver bldg,  
 Pittsburgh, Pa.

**12747—Roofing Tile (Terra Cotta,  
Glazed)**

Akron Roofing Tile Co., Brook, Akron, O.

Des Moines Clay Co., Des Moines, Ia.

Detroit Roofing Tile Co., Detroit, Mich.

Ludowici-Celadon Co., Monroe bldg, Chi-  
 cago, Ill.

National Roofing Tile Co., Lima, O.

**12748—Roofing Tile (Terra Cotta,  
Graduated)**

Akron Roofing Tile Co., Brook, Akron, O.

Detroit Roofing Tile Co., Detroit, Mich.

White Scott A., Oliver bldg, Pittsburgh,  
 Pa.

**12749—Roofing Tile (Terra Cotta,  
Spanish Shapes)**

Akron Roofing Tile Co., Brook, Akron, O.

Detroit Roofing Tile Co., Detroit, Mich.

Los Angeles Pressed Brick Co., Los  
 Angeles, Cal.

Ludowici-Celadon Co. ("Ludowici-Cela-  
 don"), Monroe bldg, Chicago, Ill.

National Roofing Tile Co., Lima, O.

United States Roofing Tile Co. (Interlock-  
 ing), Parkersburg, W. Va.

White Scott A., Oliver bldg, Pittsburgh,  
 Pa.

**12750—\*Roofing Tin in Rolls &  
Sheets**

**EDWARDS MFG. CO.**, 545-565 Eggleston  
 av., Cincinnati, O.

See adv index at end of book

**MERCHANT & EVANS CO.** ("Camaret,"  
 "Merchants Old Method," "Liberty  
 Old Style"), 2035 Washington av.,  
 Phila., Pa. See adv index at end of book

**Roofing Tin Mfrs.**

See Tin Plate Manufacturers

**12751—Roofing (V-Crimp)**

Delphos Mfg. Co. ("Veribest"), 1st &  
 Pierce, Delphos, O.

**EDWARDS MFG. CO.**, 545-565 Eggleston  
 av., Cincinnati, O.

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Florida Metal Products Co. (Corrugated),  
 Jacksonville, Fla.

New Orleans Roofing & Metal Co., Cortez  
 & Orleans, New Orleans, La.

Penn Metal Co. ("Penco"), 201 Devon-  
 shire, Boston, Mass.

Reeves Mfg. Co., Dover, Ohio

**12752—Roofing (Vulcanite)**

McClellan Paper Co., 700 S 4th, Minne-  
 apolis, Minn.

**12753—Roofing & Siding (Iron &  
Steel)**

(Star (\*) Indicates Rolling Mills)

See also Iron &amp; Steel, Corrugated

\*American Rolling Mill Co. ("American  
 Ingot" Iron & Steel), Middletown, O.

\*American Sheet & Tin Plate Co., ("Mo-  
 nel"), Frick bldg, Pittsburgh, Pa.

Asbestos Protected Metal Co. ("A. P.  
 M." Asbestos Protected), Beaver  
 Falls, Pa.

\*Berger Mfg. Co., Canton, O.

\*Brier Hill Steel Co., Youngstown, O.

Burton W. J. Co., Junction & Leavitt avs,  
 Detroit, Mich.

Canton Art Metal Co., Canton, O.

Canton Metal Ceiling Co., Canton, O.

\*Carter Iron Co., 307 5th av, Pittsburgh,  
 Pa.

Chattanooga Roofing & Foundry Co.  
 (Patent-Leak Proof), Chattanooga,  
 Tenn.

Cincinnati Sheet Metal & Roofing Co. ("P.  
 A. T. "Magnet" Brand), 226 E Front,  
 Cincinnati, O.

Cincinnati Stamping Co., 24 W McMicken  
 av., Cincinnati, O.

Columbia Steel Tank Co. (Corrugated),  
 Kansas City, Mo.

Decatur Cornice & Roofing Co., New De-  
 catur, Ala.

\*De Forest Sheet & Tin Plate Co., Niles,  
 O.

Delphos Mfg. Co., 1st & Pierce, Dol-  
 phos, O.

Dickelman Mfg. Co., Forest, O.

Dowman-Dozier Mfg. Co., Atlanta, Ga.

Duluth Corrugating & Roofing Co., Du-  
 luth, Minn.

**EDWARDS MFG. CO.**, 545-565 Eggleston  
 av., Cincinnati, O.

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Eller Mfg. Co., Canton, O.

\*Follansbee Bros. Co., Pittsburgh, Pa.

Garry Iron & Steel Co. (Corrugated, Roll,  
 Pressed Standing Seam, V-Crimped  
 Roofing, Corrugated Weatherboard,  
 Beaded Brick & Stone Faced Siding),  
 Niles, O.

Gedge Bros. Iron Roofing Co., Anderson,  
 Ind.

Globe Iron Roofing & Corrugating Co.,  
 Newport, Ky.

Hammond Sheet Metal Mfg. Co., 119 Cass  
 av., St. Louis, Mo.

Harry O. K. Steel Works, Dallas, Texas

Hopson W. C. Co., Grand Rapids, Mich.

Hornor W. S. & Co. ("American Ingot  
 Iron," also V-Crimped & Pressed  
 Standing Seam Roofing, Beaded Ceil-  
 ing & Siding, etc), Oliver bldg, Pitts-  
 burgh, Pa.

**HYNDMAN ROOFING CO.** (Corrugated  
 Iron, Asbestos Lined), 318 E 2d, Cin-  
 cinnati, O.

\*Inland Steel Co. (Open Hearth Steel  
 Only), 1st Nat'l B'k bldg, Chicago,  
 Ill.

International Steel & Iron Co., Evans-  
 ville, Ind.

Jersey City Galvanizing Co., 112 John,  
 New York

Kanneberg Roofing & Ceiling Co., Can-  
 ton, O.

Klauer Mfg. Co., Dubuque, Ia.

La Crosse Steel Roofing & Corrugating  
 Co., La Crosse, Wis.

Lyon, Conklin & Co. ("Lyon"), 19 Balder-  
 ston, Baltimore, Md.

Martin Metal Mfg. Co., Wichita, Kans.

\*Massillon Rolling Mill Co., Massillon, O.

**MERCHANT & EVANS CO.**, 2035 Wash-  
 ington av., Phila., Pa.

See adv index at end of book

Mesker Bros. Iron Co., 421 S 6th, St.  
 Louis, Mo.

Messenger & Parks Mfg. Co., Aurora, Ill.

Milliken Bros., 111 Broadway, New York

Milwaukee Corrugating Co., Milwaukee,  
 Wis.

Moeschl-Edwards Corrugating Co., Cov-  
 ington, Ky.

Nelson A. J. Mfg. Co., New Orleans, La.

New England Street Roofing Co., Worces-  
 ter, Mass.

New Orleans Roofing & Metal Co., Cortez  
 & Orleans, New Orleans, La.

\*Newport Rolling Mill Co. (Genuine Open  
 Hearth, Rust Resisting Iron, Black  
 & Galvanized), Newport, Ky.

N. Y. Iron Rfg. & Corr. Co., 1st, Jersey  
 City, N. J.

N. Y. Metal Ceiling Co., 537 W 24th, New  
 York

Niles Iron & Steel Roofing Co., Niles, O.

Norman W. F. Sheet Metal Mfg. Co., Ne-  
 vada, Mo.

## OHIO CORRUGATING CO. WARREN, OHIO

Ohio Galv. & Mfg. Co. (Steel Only),  
 Niles, O.

\*Parkersburg Iron & Steel Co., Parkers-  
 burg, W. Va.

Penn Metal Ceiling & Roofing Co. (Ltd.),  
 23d & Hamilton, Phila., Pa.

Penn Metal Co. ("Penco"), 201 Devon-  
 shire, Boston, Mass.

Pittston Iron Roofing Co., Pittston, Pa.

Porter Iron Roofing & Corrugating Co.,  
 522 Culvert, Cincinnati, O.

Reeves Mfg. Co., Dover, O.

Republic Structural Iron Works Co. (Cor-  
 rugated), Cleveland, O.

St. Paul Roofing, Cornice & Ornament  
 Co., Wabash & Water, St. Paul, Minn.

Scott Roofing & Mfg. Co., Cincinnati, O.

\*Seneca Iron & Steel Co. (Steel Only),  
 Buffalo, N. Y.

Sharon Steel Hoop Co. ("Mahoning"),  
 Youngstown, O.

Souther E. E. Iron Co., Kienlin & Ham-  
 burger, St. Louis, Mo.

\*Stark Rolling Mill Co., Canton, O.



Steel Roofing & Stamping Wks., Des Moines, Ia.  
 Sykes Co., 930 W 19th pl, Chicago, Ill.  
 Sykes Metal Lath & Roofing Co., Niles, O.  
 Tiffin Art Metal Co., 20 Broad, Tiffin, O.  
 \*Trumbull Steel Co., Warren, O.  
 Watson J. H. Co. (Steel), Bradley, Ill.  
 Western Reserve Steel Co. ("Wresco"), Warren, O.  
 Wheeling Metal & Mfg. Co., Wheeling, W. Va.  
 Whitaker Glessner Co., Wheeling, W. Va.  
 Worthington Geo. Co., Cleveland, O.  
 \*Youngstown Sheet & Tube Co. (Puddled Iron Sheets a Specialty), Youngstown, Ohio

### 12754—\*Rope (Canal & Tow Lines)

See also Rope, Manila & Sisal

**COLUMBIAN ROPE CO.** (Manila), 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*

### Rope (Cast Steel Switching)

See Rope, Steel Switching & Wrecking

### 12755—Rope (Cotton)

See also Cordage & Twine Manufacturers

Anniston Cordage Co. ("Anniston," "Alabama," "Calhoun," "Oriole W. P.," "Eclipse," "Chicago," "Gilt Edgc," "Acme," "Advance," "Albemarle," "Standard" & "Columbia"), Anniston, Ala.

Armon Mfg. Co., Mount Holly, N. C.  
 Burdett Mfg. Co., Kansas City, Mo.  
 California Cotton Mills Co., Oakland, Cal.  
 Cleveland Mill & Power Co. (Clothes Line, etc), Lawndale, N. C.  
 Cohankus Mfg. Co., Paducah, Ky.  
 Eagle & Phenix Mills, Columbus, Ga.  
 Ederer R. J. Co., 317 N Michigan av, Chicago, Ill.  
 Elder Jas., 230 W Coulter, Gtn., Phila., Pa.

Estes Mills (Sash Cord & Clothes Line), Fall River, Mass.  
 Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.

Fricke J. E. Co., 247 Market, Phila., Pa.  
 Goss Bros., Fall River, Mass.  
 Hodson John M., Boone & Markle, Phila., Pa.

Holden James (Transmission), Fall River, Mass.

Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.

Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.

Hutcheson Mfg. Co., Banning, Ga.

Lambeth Rope Corp. (Transmission, etc), New Bedford, Mass.

Lees Mfg. Co., Westport, Conn.

Little River Mfg. Co., Willardville, N. C.

Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.

Orange Cotton Mills, Orangeburg, S. C.

Pioneer Cotton Mills, Guthrie, Okla.

Princeton Mfg. Co., Athens, Ga.

Puritan Cordage Mills, Louisville, Ky.

St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.

Samson Cordage Works ("Shirley"), 88 Broad, Boston, Mass.

Small Bros., Fall River, Mass.

Southern Mills Corp., Oxford, Ala.

Tallassee Falls Mfg. Co., Tallassee, Ala.

Tate E. H. Mop & Cordage Co. ("Best Quality"), 15 Chardon, Boston, Mass.

Tate Mfg. Co., 48 Hanover, Boston, Mass.

Tombigee Cotton Mills, Columbus, Miss.

Toohy M. J. & Co., Fall River, Mass.

### 12756—Rope (Fibre Clad)

Waterbury Company, 63 Park Row, New York

### Rope (Haulage & Transmission)

See Rope, Steel Switching & Wrecking; also Wire Rope & Cables; also Rope, Manila & Sisal

### 12757—Rope (Hay)

American Mfg. Co., West, Brooklyn, N. Y.

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y. *See adv index at end of book*

Hooven & Allison Co., Xenia, O.

Kelly R. A. Co., Xenia, O.

Paxson J. W. Co., 1021 No Delaware av, Phila., Pa.

Peoria Cordage Co., Peoria, Ill.  
 Rinek Cordage Co., Easton, Pa.  
 Rugg E. T. & Co., Newark, O.  
 St. Louis Cordage Mills ("American"), 1715 S 11th, St. Louis, Mo.  
 Wall Rope Works 48 South, New York  
 Whitlock Cordage Co., 46 South, New York

### 12758—Rope (Hemp)

American Mfg. Co., West, Brooklyn, N. Y.  
 Bailey John T. Co., Water & Morris, Phila., Pa.

Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.

Chelsea Fibre Mills, 212 5th av, New York

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.

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Fittler Edwin H. Co., 517 Arch, Phila., Pa.

Hooven & Allison Co., Xenia, O.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

Plymouth Cordage Co., N Plymouth, Mass.

Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

St. Louis Cordage Mills, 1715 S 11th, St. Louis, Mo.

Whitlock Cordage Co., 46 South, New York

### 12759—Rope (Jute)

American Mfg. Co., West, Brooklyn, N. Y.

Bailey John T. Co., Water & Morris, Phila., Pa.

Chelsea Fibre Mills, 212 5th av, New York

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.

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Dolphin Jute Mills, Paterson, N. J.

Hodson John M., Boone & Markle, Phila., Pa.

Hooven & Allison Co., Xenia, O.

Jackson Thos. & Son Co., Reading, Pa.

Peter & Guckenberger, Harriet & Budd, Cinn., O.

Radcliffe & Shaw Co., Glen Rock, Pa.

Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

Schlichter Jute Cordage Co., 20 N Front, Phila., Pa.

Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

### 12760—Rope (Lead)

Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

United Lead Co. ("Ulco"), 111 B'way, New York

### 12761—Rope (Locked Coil & Locked Wire)

Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

### Rope (Manila Switch)

See Rope, Manila Transmission

### 12762—Rope (Manila Transmission)

American Mfg. Co. ("American"), West, Brooklyn, N. Y.

Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.

Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y. *See adv index at end of book*

Fittler Edwin H. Co., 517 Arch, Phila., Pa.

Hooven & Allison Co., Xenia, O.

**HUNT C. W. CO.**, West New Brighton, N. Y. *See adv index at end of book*

Kelly R. A. Co., Xenia, O.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

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Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

Moon George C. Co., 124 White, New York

Plymouth Cordage Co., North Plymouth, Mass.

Portland Cordage Co., 14th & Northrup, Portland, Ore.

Rinek Cordage Co., Easton, Pa.  
 Rugg E. T. & Co., Newark, O.  
 St. Louis Cordage Mills ("American"), 1715 S 11th, St. Louis, Mo.  
 Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.  
 Wall Rope Works, 48 South, New York  
 Waterbury Co., 63 Park Row, New York  
 Whitlock Cordage Co., 46 South, New York

### 12763—Rope (Manila & Sisal)

American Mfg. Co., West, Brooklyn, N. Y.

Broderick & Bascom Rope Co. (Jobbers), Main & Douglas, St. Louis, Mo.

Cating Rope Works, Maspeth, N. Y.

**COLUMBIAN ROPE CO.** (Transmission, Hoisting, Bale, Hay & Hide Rope; also Jute & Hemp Rope, etc), 3050 Genesee, Auburn, N. Y.

*See adv index at end of book*

De Grauw Aymar & Co., 34 South, New York

Fittler Edwin H. Co., 517 Arch, Phila., Pa.

Hooven & Allison Co., Xenia, O.

Hunt C. W. Co., West New Brighton, N. Y.

*See adv index at end of book*

Indianapolis Cordage & Implt. Co., Indianapolis, Ind.

Jackson Thos. & Son Co. (Also Jute), Reading, Pa.

Kelly R. A. Co., Xenia, O.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

Moon George C. Co., 124 White, New York

New Bedford Cordage Co., New Bedford, Mass.

Peoria Cordage Co., Peoria, Ill.

Peter & Guckenberger, Harriet & Budd, Cincinnati, O.

Plymouth Cordage Co., N Plymouth, Mass.

Portland Cordage Co. ("P"), 14th & Northrup, Portland, Ore.

Rinek Cordage Co. ("Rinek," Standard), Easton, Pa.

Rugg E. T. & Co., Newark, O.

St. Louis Cordage Mills ("American" Manila, "Royal" Sisal), 1715 S 4th, St. Louis, Mo.

Tate Mfg. Co., 48 Hanover, Boston, Mass.

Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

Upson-Walton Co. of N. Y., The ("Marine"), 291 B'way, New York

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Wall Rope Works, 48 South, New York

Walsh's Sons & Co. (Second Hand, etc), Newark, N. J.

Waterbury Co., 63 Park Row, New York

Whitlock Cordage Co., 46 South, New York

### 12764—\*Rope (Plow, Steel)

**ROEBLING'S JOHN A. SONS CO.** ("Blue Center"), Trenton, N. J.

*See adv index at end of book*

### 12765—Rope (Rawhide)

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.

National Leather Mfg. Co., Niles, Mich.

Western Rawhide & Belting Co., 600 So Pierce, Milwaukee, Wis.

### 12766-7—Rope Rigging (Yacht)

See also Rope, Manila & Sisal

For Wire Rigging Rope, See Wire Rope & Cables

American Mfg. Co., West, Brooklyn, N. Y.

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.

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Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

### Rope (Steel Mast Arm or Arc Light)

See Wire Rope & Cables

### Rope (Steel Switching & Wrecking)

See Wire Rope & Cable

### Rope (Tarred)

See Yarn, Tarred

### Rope (Wire)

See Wire Rope & Cable Manufacturers





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Hendricks'  
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**12768—Ropes (Automobile Towing)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Asch & Co. ("Motorope"), 16 W 61st, New York  
 Broderick & Bascom Rope Co. ("Base-line"), Main & Douglas, St. Louis, Mo.  
 Carpenter Geo. B. & Co., 440 Wells, Chicago, Ill.  
 Channon H. Co., 150 N Market, Chicago, Ill.  
 Hogarty Edward, Unionville, Conn.  
 Leschen A. & Sons Rope Co. ("Hercules"), 920 N First St. Louis, Mo.  
 Papyrus Artificial Paper Mfg. Co., Kenilworth, N. J.  
 Samson Cordage Co., 88 Broad, Boston, Mass.

**12769—Rosettes (Chair)**

Berbercker & Rowland Mfg. Co. (Stamped Brass), Waterville, Conn.

**12770—Rosettes (Electric)**

Arrow Electric Co. ("Midget" & "K W" Fuse & Fuseless "Arrow" Pole Switch) Hartford, Conn.  
 Bonnell W. A. Co., 132 Church, New York  
 Bryant Electric Co. ("Bryant" Switch Rosettes & "K-W"), Bridgeport, Conn.  
 Connecticut Electric Mfg. Co., Bridgeport, Conn.  
 Crouse Hinds Co. ("Norbitt" Porcelain), Syracuse, N. Y.  
 Empire Electric & Mfg. Co., Plainville, Conn.  
 Freeman E. H. Electric Co. (Porcelain), Trenton, N. J.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Heinemann Geo., 500 W Girard av, Phila., Pa.  
 Paiste H. T. Co., 3201 Arch, Phila., Pa.  
 Pass & Seymour ("P. & S."), Solvay, N. Y.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Sears Henry D. ("Weber"), 80 Boylston, Boston, Mass.

**12771—Rosettes (Harness)**

Duranoid Mfg. Co., 213 Chestnut, Newark, N. J.  
 Frazer & Jones Co., Syracuse, N. Y.  
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.  
 Rubber & Celluloid Har. T. Co., 56 Ferry, Newark, N. J.

**12772—\*Rosettes (Turned Wood)**

**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*

**12773—Rosettes & Pickets (Iron)**

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Keystone Drop Forge Works (Drop Forged), Chester, Pa.  
**Kline Hardware Co.**, Allentown, Pa.  
 Milwaukee Hay Tool Co. (Malleable Iron Pickets), Layton Park, Milwaukee, Wis.  
 Pratt Wm. E. Mfg. Co. (Malleable Iron), 35 W Lake, Chicago, Ill.

**12774—Rosin Mfrs.**

Adams F. C. Co. (Mfrs.' Agt.), 234 S La Salle, Chicago, Ill.  
 Antwerp Naval Stores Co., Savannah, Ga.  
 Barclay Naval Stores Co. (Jobbers), 44 Whitehall, New York  
 Bush Chas. S. Co. (Powdered), 260 Weybosset, Providence, R. I.  
 Central Commercial Co. (Jobbers), 111 N Market, Chicago, Ill.  
 Columbia Naval Stores Co., Savannah, Ga.  
 Doggett Stanley (Dealers), 11 Cliff, New York  
 Forest Products Co. ("Pinesote"), 1212 Whitney, New Orleans, La.  
**GENERAL NAVAL STORES COMPANY (INC.)** ("Newport"), 90 West, New York  
 Larendon M. W. & Co. (Jobbers), 82 Wall, New York  
 London-Savannah Naval Stores Co., Savannah, Ga.  
 Martin Wm. A. & Co., Wilmington, N. C.  
 National Rosin Oil & Size Co., 90 West, New York  
 Naval Stores Marketing Co (Jobbers), Canal Bank bldg, New Orleans, La.

Newport Turpentine & Rosin Co., Milwaukee, Wis.

New York Rosin Oil & Varnish Co. (Rosin Oil & Products), 90 West, New York  
 Peninsular Naval Stores Co., Jacksonville, Fla.

Producers' Turpentine Co., Beaumont, Tex.  
 Scheel Wm. H. (Jobbers), 159 Maiden la, New York

Sealy Thos. (Jobbers), 138 Front, New York

Stevens Frederick B. (Powdered, etc.), 3d & Larned, Detroit, Mich.

Taylor, Lowenstein & Co., Mobile, Ala.

Turton C. B. Co. (Jobbers), 16 Exchange pl, New York

Webb A L & Sons, 115 E Lombard, Baltimore, Md.

Winkler Isaac & Bro. (Jobbers), Cincinnati, O.

**12775—Rotary Rapper for Bench Moulders**

Fulton Foundry & Machine Co., 21 Furman, Brooklyn, N. Y.

**Rotten-Stone**

*See Pumice Stone Importers*

**12776—Rouge (Powdered)**

*See also Compositions, Buffing*  
**CHRYSTAL CHAS. B.** (Imp), 13 Cliff, New York. *See adv index at end of book*  
 Smith J. Lee & Co. (Imp), 19 Jacob, New York

**12776a—\*Roughs (Last & Tenpin)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**12777—Roundels**

Corning Glass Works (Semaphore Classification Lamps & Other Signals), Corning, N. Y.

**12777a—\*Rounds (Chair)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**12778—Rounds (Ladder)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Stephenson Mfg. Co., South Bend, Ind.

**12779—Row-Locks**

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Durkee C. D. & Co., 2 South, New York  
 Greene, Tweed & Co., 109 Duane, New York  
 Loughlin Thos. Co., Portland, Me.  
 Malleable Iron Fittings Co. ("Davis" Pattern, "Hammer" Self-Locking, etc; "M. I. F. Co."), Branford, Conn.  
 Marine Hdw.-Equipment Co., So. Portland, Me.  
 Morss A. S. Co., 43 High, Boston, Mass.  
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.  
 Tiebout W. & J., 118 Chambers, New York  
 Wilcox, Crittenden & Co. ("Adirondack," "Blackburn," "Columbian," "Southwick," "Milwaukee," "Moline," "Detroit," "Vancouver," "Victoria," "Boston Pattern" "Davis," "Acme," etc), Middletown, Conn.

**12780—Rubber Bumpers & Cushions**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Boston Belting Co., 84 Lincoln Park st, Boston, Mass.  
 Cincinnati Rubber Mfg. Co. (Springs), Cincinnati, O.  
 Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Continental Rubber Works, Erie, Pa.  
 Elastic Tip Co., 370 Atlantic av, Boston, Mass.  
 Elkhart Rubber Works, Elkhart, Ind.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Essex Rubber Co., Trenton, N. J.  
 Federal Rubber Co., The, Cudahy, Wis.  
 Goodrich B F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.  
 Home Rubber Co., Trenton, N. J.  
**Indiana Rubber & Insulated Wire Co.**, P. O. Box 192, Jonesboro, Ind.

**Long Adam A.** ("Q. D." Closet Seat), Rochester, N. Y.

Mechanical Rubber Co., Cleveland, O.

National India Rubber Co., Bristol, R. I.

New York Belting & Packing Co., 91 Chambers, New York

New York Rubber Co. (Rubber), Reade & Church, New York

Norwalk Mfg. Co. (Bumpers), E Norwalk, Conn.

Pennsylvania Rubber Co., Jeannette, Pa.

Quaker City Rubber Co., 629 Market, Phila., Pa.

Schacht Rubber Mfg. Co., Huntington, Ind.

Standard Woven Fabric Co., Walpole, Mass.

Woven Steel Hose & Rubber Co., Trenton, N. J.

**12781—Rubber (Crude)**

Aldens' Successors (Ltd.) (Imp), 290 B'way, New York

American Trading Co., 25 Broad, New York

Arnold & Zeiss, 277 B'way, New York

Astlett H. A. & Co. (Imp), 66 Beaver, New York

Badenhop Robert Co., 67 Wall, New York

Blitz L., 4 Stone, New York

Brandon Isaac & Bros., 17 Battery pl, New York

Brown W. G. & Co., Union Central bldg, Cincinnati, O.

Caballero & Blanco, 17 Battery pl, New York

Calvet, Pablo & Co., 99 Water, New York

Childs, Parr & Joseph (Imp), 60 Wall, New York

De Lima D. A. & Co. 8 Bridge, New York

Dumarest Bros., 66 Front, New York

Earle Bros., 66 Broad, New York

Eastmond & Co. (Imp), 82 Beaver, New York

Eggers & Heinlein, 59 Pearl, New York

General Export & Commission Co., 8 Bridge, New York

General Rubber Co., B'way & 58th, New York

Gillespie Bros. & Co., 11 B'way, New York

Gonzalez Andres (Imp), 82 Pine, New York

Gough W. L. Co., 13 William, New York

Grace W. R. & Co., 7 Hanover Square, New York

Hagemeyer & Brunn, Produce Exchange, New York

Harburger & Stack, 27 Ferry, New York

Held A., 11 William, New York

Henderson & Korn, 82 Beaver, New York

Hirsch Adolph & Co. (Imp), 63 Park Row, New York

Johnson Lawrence & Co., 209 So. 3rd, Phila., Pa.

Littejohn L. & Co. (Imp), 138 Front, New York

Marquardt H. & Co., 35 S William, New York

Maurer Ed. Co., 80 Maiden la, New York

Mecke & Co., 44 Whitehall, New York

Mexican Crude Rubber Co., 168 Penobscot, Detroit, Mich.

Meyer & Brown, 35 So. William, New York

Mitsui & Co. (Imp), 25 Madison av, New York

Obalski & Sweeney, 26 Stone, New York

Pell Geo. E. (Broker), 68 Broad, New York

Piza Nephews & Co. (Imp. & Exp.), 18 B'way, New York

Raw Products Co., 80 Wall, New York

Robinson & Co., 25 Beaver, New York

Rosbach J. H. & Bros. (Imp.), 55 Frankfort, New York

Rotholz A. N., 123 Liberty, New York

Rubber Trading Co., 9 Murray, New York

Rubber & Guayule Agency (Imp.), 103 Water, New York

Rumsey & Greetert Co., 23 Beaver, New York

Russell W. R. & Co., 96 Wall, New York

Steiger E. & Co., 49 Murray, New York

Stiles Wm. H., 79 Wall, New York

United Malaysians Rubber Co., 2 Rector, New York

Wilson Chas. T., 56 Wall, New York

**12782—Rubber Flux**

Standard Woven Fabric Co., Walpole, Mass.



## 12783— Rubber Goods

## CALIFORNIA.

EMERYVILLE—American Rubber Mfg. Co.  
 SAN FRANCISCO—American Rubber Mfg. Co. (Mechanical), 408 Mission  
 Bowers Rubber Works (Mechanical), 68 Sacramento  
 Goodyear Rubber Co. (Mechanical, Molded Oil Clothing, etc), 589 Market

## CONNECTICUT.

BEACON FALLS—Beacon Falls Rubber Shoe Co. (Footwear)  
 BRIDGEPORT—Canfield H. O. Co. (Molded) Canfield Rubber Co. (Dress Shields & Molded)  
 Electric Cable Co. (See New York City)  
 Siemon Hard Rubber Corp. (Insulating Specialties)  
 FAIRFIELD—Fairfield Rubber Co. (Carriage Cloth, Imitation Leathers)  
 HARTFORD—Hartford Rubber Works Co. (Tires)  
 MIDDLETOWN—Goodyear Rubber Co. (See New York City)  
 Omo Mfg. Co. (Dress Shields)  
 NAUGATUCK—Goodyear India Rubber Glove Mfg. Co.  
 Goodyear's Metallic Rubber Shoe Co. (Footwear), Controlled by United States Rubber Co. (See New York City)  
 NEW HAVEN—Baumann Rubber Co. (Toys, Balls, Druggists' Sundries, etc.)  
 Candee L. & Co. (Footwear)  
 Seamless Rubber Co. (Druggists' Sundries)  
 SANDY HOOK—Fabric Fire Hose Co. (See New York City)  
 SEYMOUR—Day H. P. & E. Co. (Hard Rubber Specialties)  
 Kerite Insulated Wire & Cable Co. (See New York City)  
 STAMFORD—Atlantic Insulated Wire & Cable Co. (Insulated Wires)  
 WALLINGFORD—New York Insulated Wire Co. (See New York City)

## DELAWARE.

WILMINGTON—ELECTRIC HOSE & RUBBER CO. (Rubber Hose), 12th & Dure  
*See adv index at end of book*

## ILLINOIS.

CHICAGO—Chicago Insulated Wire Co. (Insulated Wires & Cables), 53 W Jackson Blvd  
 Featheredge Rubber Co., 414 W Grand av  
 Mechanical Rubber Co. (Mechanical), 307 W Randolph  
 Nassau Sponge Co., 234 W Lake  
 Vall Rubber Co. (Mechanical Goods), 144 W 27th

## INDIANA.

ANDERSON—Anderson Rubber Works  
 ELKHART—Elkhart Rubber Works (Mechanical & Molded)  
 GOSHEN—Western Rubber Co. (Mechanical & Molded Goods, etc)  
 INDIANAPOLIS—G. & J. Tire Co. (Tires)  
 JONESBORO—Indiana Rubbebr & Insulated Wire Co., P. O. Box 192 (Insulated Wires & Cables, Tires & Mechanical Goods)  
 KOKOMO—Kokomo Rubber Co. (Tires)  
 MARION—Marion Insulated Wire & Rubber Mfrs. (Insulated Wires & Cables)  
 MISHAWAKA—Mishawaka Woolen Mfg. Co. (Boots & Shoes)

## MASSACHUSETTS.

ACUSHNET—Acushnet Process Co.  
 ANDOVER—Tyer Rubber Co. (Druggists' & Stationers' Sundries, Sporting & Molded Goods)  
 BOSTON—American Circular Loom Co. (Interior Conduits), 16 Medford  
 American Rubber Co. (Footwear & Clothing), 130 Essex (Controlled by U. S. Rubber Co.)

American Steam Packing Co. (Steam Packing), 191 High  
 Atlantic Rubber Co., Linden  
 Boston Belting Co. (Mechanical, etc.), 84 Linden Park  
 Boston Rubber Shoe Co. (Footwear), 101 Milk (Controlled by U. S. Rubber Co.)  
 Clifton Mfg. Co. (Insulating Compounds, Tapes, Insulating Conduits & Clothing, etc), 65 Brookside av, Jamaica Plain  
 Columbia Rubber Co. (Waterproof Clothing), 301 Congress  
 Davidson Rubber Co. (Druggists' Sundries & Hard Rubber Goods)  
 Foster Rubber Co. (Heels & Soles, Horse Shoe Pads, Crutch Tips, Tires, etc), 105 Federal. Factory: Walpole, Mass.  
 Franklin Rubber Co. (Clothing), 134 Federal  
 Hale Alfred Rubber Co. (Diving Apparatus & Molded Work), 17 Covington, S. Boston  
 Hawthay C. L. & Sons (Cements), 346 Congress  
 Hood Rubber Co. (Footwear), 10 High (See Watertown)  
 New England Blacking Co. (Cements), 24 Binford  
 New England Rubber Shoe Co. (Controlled by Hood Rubber Co.), 284 Summer  
 Revere Rubber Co. (Mechanical Goods & Tires, etc.), 60 High  
 Simplex Wire & Cable Co. (Insulated Wire & Cable)  
 United States Rubber Co. (Holding Company for American Rubber Co., and Other Companies), 130 Essex  
 BROCKTON—Hazen-Brown Co. (Cements)  
 Stowe & Woodward Co. (Proofing of Cloth & Mechanical Goods)  
 CAMBRIDGE—American Rubber Co. (See Boston)  
 Boston Woven Hose & Rubber Co. (Mechanical Goods)  
 International Distributing Co. (Soles & Heels)  
 Simplex Wire & Cable Co. (See Boston)  
 CANTON JUNCTION—C-C-C Fire Hose Co. (Rubber-Lined Cotton Fire Hose)  
 CHELSEA—Revere Rubber Co. (See Boston)  
 CHICOPEE—Spalding A. G. & Bros. Mfg. Co. (Golf Balls & Sporting Goods)  
 CHICOPEE FALLS—Fisk Rubber Co. (Tires)  
 EASTHAMPTON—Easthampton Rubber Thread Co. (Rubber Thread & Bands)  
 HUDSON—Apsley Rubber Co. (Clothing & Footwear)  
 HYDE PARK—Bay State Insulated Wire & Cable Co. (Insulated Wire & Cables)  
 LOWELL—Lowell Insulated Wire Co. (Rubber-Covered Wires & Lamp Cords)  
 MALDEN—Boston Rubber Shoe Co. (See Boston)  
 Converse Rubber Shoe Co. (Footwear)  
 Franklin Rubber Co. (See Boston)  
 MELROSE—Boston Rubber Shoe Co. (See Boston)  
 MILFORD—Archer Rubber Co. (Proofing for the Trade)  
 MILLVILLE—Woonsocket Rubber Co. (See Woonsocket, R. I.)  
 NORTH BROOKFIELD—Quabang Rubber Co. (Molded Goods)  
 READING—McTernan Rubber Mfg. Co. (Druggists' Sundries & Molded Work)  
 Metropolitan Air Goods Co.  
 Reading Rubber Mfg. Co. (See Boston)  
 SALEM—Salem Rubber Co. (Cements).  
 STOUGHTON—Stoughton Rubber Co. (Clothing & Molded Goods) (Controlled by Rubber Goods Mfg. Co.)  
 WALPOLE—Standard Woven Fabric Co. (Rubber Insulating Tapes, Mechanical Goods, Cements, Molded Work, etc)  
 WATERTOWN—Hood Rubber Co. (Footwear)  
 WEST MEDFORD—Mystic Rubber Co. (Dress Shields, Sheetings, etc)  
 WORCESTER—AMERICAN STEEL & WIRE CO. (Insulated Wires)  
*See adv index at end of book*

## MICHIGAN.

DETROIT—Morgan & Wright (Tires)

## MISSOURI.

ST. LOUIS—Banner Rubber Co. (Footwear), Kenrick & Bittner  
 St. Louis Rubber Cement Co. (Cements), 3046 Lambdin av

## NEW HAMPSHIRE.

EXETER—Rubber Step Mfg. Co. (Carriage Accessories)

## NEW JERSEY.

BAYONNE—Safety Insulated Wire & Cable Co. (See New York City)  
 BLOOMFIELD—Combination Rubber Mfg. Co. (Mechanical)  
 BUTLER—American Hard Rubber Co. (See New York City)  
 Bloomingdale Rubber Co.  
 EAST ORANGE—Seabury & Johnson (See New York City)  
 EAST TRENTON—Empire Tire & Rubber Corp. (Mechanical & Auto Tires)  
*See adv index at end of book*  
 ELIZABETH—Jenkins Rubber Co.  
 GARFIELD—Laurel Rubber Co. (Stationers' Sundries)  
 HAWTHORNE—La Favorite Rubber Mfg. Co.  
 HOBOKEN—American Lead Pencil Co. (See New York City)  
 IRVINGTON—Ash Claudius Sons & Co. (Ltd.) (See New York City)  
 JERSEY CITY—Eureka Fire Hose Mfg. Co., Wilkison av (See New York City)  
 New Jersey Car Spring & Rubber Co. (Mechanical, etc), 91 Brunswick  
 Voorhees Rubber Mfg. Co. (Mechanical), 18 Bostwick av  
 LAMBERTVILLE—Lambertville Rubber Co. (Boots & Shoes)  
 LODI—Mattson Rubber Co. (Tire Repair Stock, Moulded & Special)  
 MILLTOWN—Michelin Tire Co. (Tires)  
 NEWARK—Faber A. W. Rubber Works, 41 Dickerson. (See New York City)  
 Faber Eberhard Rubber Co. (See New York City)  
 NEW BRUNSWICK—Endurance Tire & Rubber Co.  
 Howe Rubber Co. (Inner Tubes)  
 India Rubber Co. (Hard)  
 Johnson & Johnson (Rubber Plasters)  
 NEW DURHAM—Peerless Rubber Mfg. Co. (Controlled by Rubber Goods Co., New York City)  
 PASSAIC—Manhattan Rubber Mfg. Co. (Mechanical)  
 OKONITE CO. (See New York City).  
*See adv index at end of book*  
 TRENTON—Acme Rubber Mfg. Co. (Mechanical)  
 Ajax Rubber Co.  
 Crescent Insulated Wire & Cable Co. (Insulated Wire)  
 Essex Rubber Co. (Specialties for the Shoe Trade)  
 Hamilton Rubber Mfg. Co. (Mechanical)  
 Home Rubber Co. (Mechanical)  
 Luzerne Rubber Co. (Hard Rubber)  
 Thermoid Rubber Co. (Mechanical, Auto, Tires, etc.)  
 United & Globe Rubber Mfg. Co. (Mechanical)  
 Whitehead Bros. Rubber Co. (Mechanical & Moulded)  
 Woven Steel Hose & Rubber Co. (Mechanical)

## NEW YORK.

BATAVIA—Batavia Rubber Co. (Tires)  
 BEACON—New York Rubber Co. (See New York City)  
 BUFFALO—Buffalo Weaving & Belting Co. (Rubber Belting & Webbing)  
 Hewitt Rubber Co. (Mechanical Goods & Hose Specialties)  
 LOCKPORT—Empire Mfg. Co. (Rubber-Lined Cotton Hose & Belting)  
 MT. VERNON—Hodgman Rubber Co. (See New York City)



## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—Brooklyn Shield & Rubber Co., 397 Summer av (See Brooklyn Rubber Co.)  
 Doherty Eugene (Est. of) (Dental & Stamp Rubber), 110 Kent av  
 Faber Eberhard Rubber Co. (Erasers & Stationers' Rubber Goods), 37 Greenpoint  
 Gutta Percha & Rubber Mfg. Co., 53 Franklin av  
 Parker Stearns & Co. (Molded Rubber Goods), 286 Sheffield av

## Boroughs of Manhattan and Bronx.

NEW YORK—Ajax Rubber Co. (Tires, Soles & Heels), 1796 B'way. Factory, Trenton, N. J.  
 American Hard Rubber Co. (Hard Rubber Goods), 9 Mercer. Factories, College Point, Borough of Queens, New York; Butler, N. J.; Akron, O.  
 American Lead Pencil Co. (Rubber Erasers & Bands), 220 5th av. Factory, Hoboken, N. J.  
 American Wringer Co. (Rubber Rolls), 99 Chambers. Factory: Auburn, N. Y.  
 Ash Claudius Sons & Co. (Dental Rubber), 1 Union sq. Factory: Irvington, N. J.  
 Bishop Gutta-Percha Co. (Insulated Wire & Cables, Gutta Percha Tissue), 420 E 25th  
 Consolidated Rubber Tire Co. (Tires), 229 W 57th  
 Eagle Pencil Co. (Rubber Erasers, etc.), 703 E 13th  
 Electric Cable Co. (Electric Cables, "Voltax" Insulation), 10 E 43d. Factory: Bridgeport, Conn.  
 Eureka Fire Hose Mfg. Co. (Rubber-Lined Fire Hose), 27 Barclay, Factory: Jersey City, N. J.  
 Fabric Fire Hose Co. (Fire Hose), 127 Duane. Factory, Sandy Hook, Conn. (Controlled by Rubber Goods Mfg. Co., New York City)  
 Good Mfg. Co. ("Good"), 305 E 134th  
 Goodyear Rubber Co. & Rubber Clothing Co. (Footwear) 787 B'way. Factory: Middletown, Conn.  
 Gutta Percha & Rubber Mfg. Co. (Mechanical), 126 Duane. Factory: Brooklyn, N. Y.  
 Habirshaw Elec. Cable Co. (Insulated Wires), 10 E 43d. Factory: Yonkers, N. Y.  
 Hodgman Rubber Co. (Mackintoshes, Rubber Clothing, Druggists' & Stationers' Sundries & Air Goods), 8 W 40th. Factories: Tuckahoe, N. Y., & Mt. Vernon, N. Y.  
 International Rubber Co. (Tiling, Sheeting, etc.), 120 B'way  
 Jenkins Rubber Co. (Mechanical Packings, Valves, etc.), 80 White. Factory: Elizabeth, N. J., Jenkins Bros. Propts.  
 Johnson & Johnson (Rubber Medical Plasterers), 100 William. Factory: New Brunswick, N. J.  
 Kerite Insulated Wire & Cable Co. (Insulated Wires & Cables), 30 Church. Factory: Seymour, Conn.  
 Kleinert I. B. Rubber Co. (Dental Rubber & Dress Shields), 725 B'way. Factory: College Point, Borough of Queens, New York City  
 McCormick E. J. Rubber Co. (Dental Rubber), 355 W 36th  
 Mechanical Rubber Co. (Mechanical), 73 Reade. (Controlled by Rubber Goods Mfg. Co., New York City)  
 New York Belting & Packing Co. (Mechanical, Mattings, etc.), 91 Chambers. Factories: Passaic, N. J. (Controlled by Rubber Goods Mfg. Co., New York City)  
 New York Gas Tubing Co. (Gas Tubings), 95 Bank  
 New York Insulated Wire Co. (Insulated Wires & Hard Rubber, Insulating Tapes, Gasket Packing, etc.), 114 Liberty. Factory: Wallingford, Conn.  
 New York Rubber Co. (Mechanical Rubber Goods), Reade & Church

**OKONITE CO.** (Insulated Wires & Cables), 501 Fifth av. Factory: Passaic, N. J.  
*See adv index at end of book*

Peerless Rubber Mfg. Co. (Mechanical), 31 Warren. Factory: New Durham, N. J. Controlled by Rubber Goods Mfg. Co., New York City

Rubber Goods Mfg. Co. (Mechanical, Tires, etc), B'way & 58th, New York. This company also controls the following companies:

Fabric Fire Hose Co., New York City  
 G. & J. Tire Co., Indianapolis, Ind.  
 India Rubber Co., New Brunswick, N. J.

Indianapolis Rubber Co., Indianapolis, Ind.

Mechanical Rubber Co., Chicago, Ill.  
 Mechanical Rubber Co., Cleveland, O.  
 Mechanical Rubber Co., New York  
 Morgan & Wright, Detroit, Mich.  
 New York Belting & Packing Co., New York

Peerless Rubber Mfg. Co., New York  
 Stoughton Rubber Co., Stoughton, Mass.

Safety Insulated Wire & Cable Co. (Insulated Wires & Cables), 114 Liberty. Factory: Bayonne, N. J.  
 Seabury & Johnson (Rubber Plasters), 59 Maiden Lane. Factory: East Orange, N. J.

Soltan Robt. & Co. (Gutta Percha Tissue), 75 John

Traun Rubber Co. (Dental & Druggists' Sundries, Stamp Rubber, etc), 335 B'way. Factory: College Point, Borough of Queens, New York City

United States Rubber Co. (Footwear, Clothing, Druggists' Sundries, Insulated Wires, etc), 58th & B'way. This company also controls the Rubber Goods Mfg. Co., New York City, and subsidiary companies that follow under their name. The United States Rubber Co. also controls the following:

American Rubber Co., Boston, Mass.  
 Banigan Jos. Rubber Co., Providence, R. I.

Bay State Rubber Co., Boston, Mass.  
 Boston Rubber Shoe Co., Boston, Mass.

Candee L. & Co., New Haven, Conn.  
 Goodyear Metallic Rubber Shoe Co., Naugatuck, Conn.

Lycoming Rubber Co., Williamsport, Pa.

National India Rubber Co., Bristol, R. I.

Rubber Goods Mfg. Co., New York  
 Woonsocket Rubber Co., Woonsocket, R. I.

Vulcanized Rubber Co. (Hard Rubber Goods), 251 4th av. Factory: Morrisville, Pa.

Western Electric Co. (Hard Rubber, Electrical Specialties & Insulated Wires), 463 West

## Borough of Queens.

COLLEGE POINT—Traun Rubber Co. (See New York City)

LONG ISLAND CITY—Rubber Stopple Co. (Small Molded Goods), West av

## Borough of Richmond.

PRINCES BAY—White S. S. Dental Mfg. Co. (See Phila., Pa.)

## (End of New York City)

PALMYRA—Crandall Packing Co. (Packings, etc)

Dealers Steam Packing Co. (Packings)

Garlock Packing Co. (Packings & Mechanical)

TUCKAHOE—Hodgman Rubber Co. (See New York City)

YONKERS—Habirshaw Electric Cable Co. (See New York City)

## OHIO.

AKRON—American Hard Rubber Co. (See New York City)

American Tire & Rubber Co.  
 Betzler & Wilson Fountain Pen Co. (Fountain Pens)

Firestone Tire & Rubber Co. (Tires)  
 General Tire & Rubber Co.

Goodrich B. F. Co. (Mechanical Rubber Goods, Tires, Stationers' & Druggists' Sundries, etc)

Goodyear Tire & Rubber Co. (Mechanical Goods, Tires, Druggists' Sundries, etc)

Gregory Rubber Co.

Lyon Rubber Co. (Gloves & Other Dipped Goods)

Miller Rubber Co. (Tires, Druggists' Sundries, Toys, Physicians' & Hospital Supplies, etc)

Mohawk Rubber Co. (Tires & Tubes)  
 Motz Clincher Tire & Rubber Co. (Tires)

M. & M. Mfg. Co.

O'Neil Tire & Rubber Co.

Pike Rubber Co. (Rubber Specialties)  
 Star Rubber Co. (Seamless Druggists' Sundries)

Swinehart Tire & Rubber Co. (Carriage Tires)

ASHLAND—Faultless Rubber Co. (Druggists' Surgical Sundries, Molded Goods, etc)

BARBERTON—Rubber Products Co. (Mechanical & Druggists' Sundries)

CANTON—Canton Rubber Co. (Seamless Goods Gordon Rubber Co. & Druggists' Sundries)

CARROLLTON—L. & M. Rubber Co.

CINCINNATI—Cincinnati Rubber Mfg. Co. (Mechanical)

CLEVELAND—Aetna Rubber Co. (Gloves), 815 E 79th

Chemical Rubber Co. (Laboratory Supplies), W 112th

Mechanical Rubber Co. (Mechanical & Molded Goods)

Standard Tire & Rubber Mfg. Co. (Mechanical & Molded Goods), Hippodrome bldg

CUYAHOGA FALLS—Marathon Tire & Rubber Co. (Tires, etc)

EAST PALESTINE—McGraw Tire & Rubber Co. (Tires, etc)

ELYRIA—I. T. S. Rubber Co.

MANSFIELD—Mansfield Tire & Rubber Co. (Tires, Tubes, etc)

MARION—Marion Tire & Rubber Co.

MASSILLON—Realty Rubber Works (Seamless Rubber Goods)

SPRINGFIELD—Victor Rubber Co. (Mechanical, Tires, etc)

WARREN—Packard Electric Co. ("Packard," Cable)

YOUNGSTOWN—Republic Rubber Co. (Mechanical, Tires, etc)

## PENNSYLVANIA.

BLOOMSBURG—Wirt Paul E. (Fountain Pens)

CONSHOHOCKEN—Lee Tire & Rubber Co. (Tires, etc)

ERIE—Continental Rubber Works (Mechanical, Tires, etc)

Vulcan Rubber Co. (Tires, Tubes, etc)

JEANNETTE—Pennsylvania Rubber Co. (Mechanical, Tires, etc)

PHILADELPHIA—Goodall Rubber Co. (Mechanical), 19 N 7th

Montgomery Bros. (Cements), 45 S 2d

Moore Alfred F. (Insulated Wires), 200 N 3d

Mulconroy Co. (Mechanical Goods, etc), 54th & Jefferson

Quaker City Rubber Co. (Mechanical), 629 Market

White S. S. Dental Mfg. Co. (Dental Supplies), 12th & Chestnut. Factory: Princes Bay, Bor. of Richmond, New York City

## RHODE ISLAND.

BRISTOL—National India Rubber Co. (Insulated Wires, Footwear, Mechanical Goods, Druggists' Sundries, Carriage Cloth), Controlled by U. S. Rubber Co.

PAWTUCKET—Collier Insulated Wire Co. (Insulated Wires & Cables, & Rubber Packings)

PHILLIPSDALE—American Electrical Works (Insulated Wires)

PROVIDENCE—Bourn Rubber Co. (Insulated Wires, Footwear, etc), 58 Warren

Davol Rubber Co. (Druggists' Sundries), 69 Point

Mechanical Fabric Co. (Rubber Thread & Card Clothing), 40 Sprague



WEST BARRINGTON—International Rubber Co. (See New York City)  
 WOONSOCKET—American Wringer Co. (See New York City)  
 Woonsocket Rubber Co. (Footwear), (Controlled by U. S. Rubber Co.) (See New York City)

**WASHINGTON.**

SPOKANE—Interstate Rubber Co. (Molded Goods, Valves, Gaskets, etc)

**WISCONSIN.**

CUDAHY—Federal Rubber Co., The (Tires Mechanical Goods, etc)  
 LA CROSSE—La Crosse Rubber Mills Co. (Mackintoshes, Rubber Clothing, Footwear & Molded Goods)  
 RACINE—Chicago Rubber Clothing Co. (Mackintoshes, Rubber Clothing)  
 Racine Rubber Co.

**12784—Rubber Goods (Druggists' & Surgical)**

Ajax-Grieb Rubber Co., 1796 B'way, New York  
 American Hard Rubber Co., 9 Mercer, New York  
 Bailey C. J. & Co., 22 Boylston, Boston, Mass.  
 Baumann Rubber Co., New Haven, Conn.  
 Canton Rubber Co. (Seamless Rubber Goods), Canton, O.  
 Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Faultless Rubber Co., Ashland, O.  
 Goodrich B. F. Co., Akron, O.  
 Gordon Tire & Rubber Co., Canton, O.  
 Hodgman Rubber Co., 8 W 40th, New York  
 Luzerne Rubber Co., Trenton, N. J.  
 McTernan Rubber Mfg. Co., Reading, Mass.  
 Mechanical Rubber Co., Cleveland, O.  
 Miller Rubber Co., Akron, O.  
 Myers Mfg. Co. ("Costa"), Fremont, O.  
 National India Rubber Co. (Druggists' Sundries), Bristol, R. I.  
 Parker Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.  
 Rubber Products Co., Barberton, O.  
 Rubber Stopple Co., West av, Long Island City, N. Y.  
 Seamless Rubber Co., New Haven, Conn.  
 Star Rubber Co. (Seamless), Akron, O.  
 Tyer Rubber Co., Andover, Mass.  
 Vant Woud Rubber Co., 168 39th, Brooklyn, N. Y.  
 Whitall, Tatum Co., 410 Race, Phila., Pa.

**Rubber Goods (Hard)**

See Rubber, Hard

**12785—Rubber Goods (Mechanical)**

See Index of Contents for all Other Rubber Specialties

Acme Rubber Mfg. Co., Trenton, N. J.  
 Anderson Rubber Works, Anderson, Ind.  
 Boonton Rubber Co., Boonton N. J.  
 Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Buckley Jno. W. Rubber Co., 69 Warren, New York  
 Buffalo Weaving & Belting Co., Buffalo, N. Y.  
 Canfield H. O. Co., Bridgeport, Conn.  
 Cincinnati Rubber Mfg. Co. ("Old Crow" Fuller Balls), Cincinnati, O.  
 Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Continental Rubber Works, Erie, Pa.  
 Davidson Rubber Co. (Hard & Soft, Drug, Dental, Surgical & Hospital), Boston, Mass.  
 Elkhart Rubber Works, Elkhart, Ind.  
 Empire Tire & Rubber Corp., East Trenton, N. J. See adv index at end of book  
 Essex Rubber Co., Trenton, N. J.  
 Federal Rubber Co., The, Cudahy, Wis.  
 Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.  
 Goodall Rubber Co., 19 N 7th, Phila., Pa.  
 Goodrich B. F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Gutta Percha Rubber Mfg. Co., 126 Duane, New York  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Hewitt Rubber Co., Buffalo, N. Y.  
 Home Rubber Co., Trenton, N. J.

**Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.**

Jones I. G. Co., Syracuse, N. Y.  
 Laurel Rubber Co., Garfield, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Matson Rubber Co., Lodi, N. J.  
 Mechanical Rubber Co., 73 Reade, New York  
 Mechanical Rubber Co., Cleveland, O.  
 Miller Rubber Mfg. Co., Akron, O.  
 Mulconroy Co., 54th & Jefferson, Phila., Pa.  
 Norwalk Mfg. Co., E. Norwalk, Conn.  
 National India Rubber Co., Bristol, R. I.  
 New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
 New York Belting & Packing Co., 91 Chambers, New York  
**NEW YORK RUBBER CO.**, 225 W Randolph, Chicago, Ill., Reade & Church, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New York  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Rubber Products Co., Barberton, O.  
 Rubber Stopple Co., West av, Long Island City, N. Y.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
**STANDARD WOVEN FABRIC CO.** (Mats, Matting, Springs, Buffers, Heels, etc.), Walpole, Mass.  
 Stokes Jos. Rubber Co., Trenton, N. J.  
 Thermoid Rubber Co., Trenton, N. J.  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 Western Rubber Co., Goshen, Ind.  
 Whitehead Bros. Rubber Co., Trenton, N. J.  
 Woven Steel Hose & Rubber Co., Trenton, N. J.

**12786—Rubber Goods (Moulded)**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Ajax-Grieb Rubber Co., 1796 B'way, New York  
 Anderson Rubber Works, Anderson, Ind.  
 Atlantic Rubber Co., Linden, Boston, Mass.  
 Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Canfield H. O. Co., Bridgeport, Conn.  
 Canfield Rubber Co., Bridgeport, Conn.  
 Cincinnati Rubber Mfg. Co., Cincinnati, Ohio  
 Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.  
 Continental Rubber Works, Erie, Pa.  
 Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Elkhart Rubber Works, Elkhart, Ind.  
 Empire Tire & Rubber Corp., East Trenton, N. J. See adv index at end of book  
 Essex Rubber Co., Trenton, N. J.  
 Faultless Rubber Co., Ashland, O.  
 Federal Rubber Co., The, Cudahy, Wis.  
 Goodrich B. F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Hodgman Rubber Co., 8 W 40th, New York  
 Home Rubber Co., Trenton, N. J.  
**Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.**  
 Laurel Rubber Co., Garfield, N. J.  
 McTernan Rubber Mfg. Co., Reading, Mass.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mattson Rubber Co., Lodi, N. J.  
 Mechanical Rubber Co., Cleveland, O.  
 Mercer Rubber Co., Hamilton Sq., N. J.  
 Miller Rubber Co., Akron, O.  
 National India Rubber Co., Bristol, R. I.  
 New York Rubber Co., Reade & Church, New York  
 Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Plymouth Rubber Co., Canton, Mass.  
 Quabong Rubber Co., North Brookfield, Mass.  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Rubber Stopple Co., West av, Long Island City, N. Y.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 Seamless Rubber Co., New Haven, Conn.

Standard Woven Fabric Co., Walpole, Mass.  
 Thermoid Rubber Co., Trenton, N. J.  
 Tyer Rubber Co., Andover, Mass.  
 Western Rubber Co., Goshen, Ind.  
 Whitehead Bros. Rubber Co., Trenton, N. J.

**12787—Rubber (Hard)**

American Hard Rubber Co., 9 Mercer, New York  
 Brock A. S. Rubber Co., 57 Broad, Boston, Mass.  
 Davidson Rubber Co. (Drug, Dental & Surgical, etc), Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Day H. P. & E., Seymour, Conn.  
 Elkhart Rubber Works, Elkhart, Ind.  
 Goodrich B. F. Co., Akron, O.  
 Home Rubber Co., Trenton, N. J.  
 India Rubber Co., New Brunswick, N. J.  
 Luzerne Rubber Co., Trenton, N. J.  
 Siemon Hard Rubber Corp. (Electrical), Bridgeport, Conn.  
 Stokes Jos. Rubber Co., Trenton, N. J.  
 Tyer Rubber Co., Andover, Mass.  
 Vulcanized Rubber Co., 251 4th av, New York

**12788—Rubber Horse Shoe Pads**

Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Continental Rubber Works (Leather Back & Canvas Back), Erie, Pa.  
 Dryden Rubber Co., 1014 S Kildare av, Chicago, Ill.  
 Essex Rubber Co., Trenton, N. J.  
 Federal Rubber Co., The, Cudahy, Wis.  
 Firestone Tire & Rubber Co. ("Lily," "Jewel," "Windsor," "Russell," "Eagle," "Belmont," "Firestone," "Winter"), Akron, O.  
 Foster Rubber Co., 105 Federal, Boston, Mass.  
 Goodrich B. F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Home Rubber Co., Trenton, N. J.  
 Judsen Carl A. ("Judsen," Canvas & Leather Bark), 214 W Erie, Chicago, Ill.  
 Killion Rubber Co., 26 Clayton, Boston, Mass.  
 Laurel Rubber Co., Garfield, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Neverslip Mfg. Co., New Brunswick, N. J.  
 Plymouth Rubber Co., Canton, Mass.  
 Revere Rubber Co. ("Calk," "Samson," "Ajax," "New Globe"), 60 High, Boston, Mass.  
 Rutherford Rubber Co. ("Sterling"), Rutherford, N. J.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 Victor Rubber Co. ("Victor"), Springfield, O.  
 Voorhees Rubber Mfg. Co., 18 Boswick av, Jersey City, N. J.  
 Western Rubber Co., Goshen, Ind.

**12789—Rubber Ice Bags & Caps**

Baumann Rubber Co., New Haven, Conn.  
 Canton Rubber Co., Canton, O.  
 Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Faultless Rubber Co., Ashland, O.  
 Goodrich B. F. Co., Akron, O.  
 Mechanical Rubber Co. (Bags Only), Cleveland, O.  
 Miller Rubber Co., Akron, O.  
 National India Rubber Co., Bristol, R. I.  
 Parker-Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.  
 Rubber Products Co., Barberton, O.  
 Seamless Rubber Co., New Haven, Conn.  
 Tyer Rubber Co., Andover, Mass.

**12790—Rubber (Mineral)**

American Wax Co. ("Amaz"), 161 Summer, Boston, Mass.  
 Canfield Oil Co., Cleveland, O.  
 Standard Asphalt & Rubber Co., ("Sarco"), 208 S La Salle, Chicago, Ill.

When writing to firms listed in this book please mention  
**HENDRICKS'**  
**COMMERCIAL REGISTER**



**12791—Rubber Packers & Rings**

Elkhart Rubber Works, Elkhart, Ind.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Goodrich B. F. Co. (For Oil & Gas Wells), Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Home Rubber Co., Trenton, N. J.  
 New York Rubber Co. (For Oil & Gas Wells), Reade & Church, New York  
 Pennsylvania Rubber Co., Jeannette, Pa.

**Rubber Packing**

*See Packing Manufacturers*

**12792—Rubber (Reclaimed)**

American Rubber Reclaiming Co. ("Mercer" Brand), 406 E Rittenhouse, Phila., Pa.  
 Appleton F. H. Son, 185 Summer, Boston, Mass.  
 Bloomingdale Rubber Co., 501 5th av, New York. Works: Butler, N. J.  
 Boonton Rubber Co. (For Hard Rubber Compounds), Boonton, N. J.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Clapp E. H. Rubber Co., 49 Federal, Boston, Mass.  
 Danversport Rubber Co., Danversport, Mass.  
 Harmer Rubber Reclaiming Works, East Millstone, N. J.  
 Housatonic Rubber Works, Bridgeport, Conn.  
 Manufactured Rubber Co. ("Lafayette," "Wm. Penn," "Star"), Penna. bldg, Phila., Pa. Works: Metuchen, N. J.  
 Monatiquot Rubber Works Co. ("Monatiquot," "Squantum"), S Braintree, Mass.  
 New Jersey Rubber Co., Lambertville, N. J.  
 Pequannoc Rubber Co., Butler, N. J.  
 Philadelphia Rubber Works, Land Title bldg, Phila., Pa.  
 Portage Rubber Co., Akron, O.  
 Rubber Regenerating Co., Mishawaka, Ind.  
 Somerset Rubber Reclaiming Works, New Brunswick, N. J.  
 Stockton Rubber Co., Stockton, N. J.  
 United Rubber Co., Barberton, O.  
 U. S. Rubber Co. (Reclaiming Plant), Naugatuck, Conn.  
 U. S. Rubber Reclaiming Co. ("Buffalo," "Genesee," "Hudson," "Iroquois," "Mohawk," "Superior," "Tio ga," "White Buffalo," "Arrowhead," "Matchless," "Seneca," "Insula," "Victoria," "Niagara"), 30 E 42d, New York

**12793—Rubber Rods & Sheets**

Anderson Rubber Works (Sheets Only), Anderson, Ind.  
 Bishop Gutta-Percha Co. (Gutta Percha Sheets), 420 E 25th, New York  
 Continental Rubber Works, Erie, Pa.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Mechanical Rubber Co. (Rods & Tubing), Cleveland, O.  
 Stokes Joseph Rubber Co., Trenton, N. J.  
 Vulcanized Rubber Co. (Hand), 251 4th av, New York  
 Whitehead Bros. Rubber Co. (Pure Sheet Only), Trenton, N. J.

**12794—Rubber Saw Bands**

Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 Cincinnati Rubber Mfg. Co., Cincinnati, O.  
 Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Continental Rubber Works, Erie, Pa.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Home Rubber Co., Trenton, N. J.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Schacht Rubber Mfg. Co., Huntington, Ind.

**12795—Rubber Stamp Makers' Supplies**

Dorman J. F. W. Co., 526 N Calvert, Baltimore, Md.  
 Superior Type Co., 32 S Clinton, Chicago, Ill.

**12796—Rubber Substitutes**

Ashley T. C. & Co. (White), 683 Atlantic av, Boston, Mass.  
 Cantor Joseph 21 State, New York  
 Carter-Bell Mfg. Co. (Black & White), 150 Nassau, New York  
 Corn Products Refining Co. ("Paragol" Black), 17 Battery pl, New York  
 Eagle Rubber Supply Co., Stamford, Conn.  
 Lufbery Geo. F., Jr., Elizabeth, N. J.  
 Mitchell-Rand Mfg. Co., 99 John, New York  
 National Co., 1404 Cortland, Chicago, Ill.  
 Pierce Co. ("Vorite"), East Rochester, N. Y.  
 Scheel Wm. H. (Imported), 159 Maiden la, New York  
 Stamford Rubber Supply Co. ("Stamford"), Stamford, Conn.  
 Standard Asphalt & Rubber Co., 208 S La Salle, Chicago, Ill.  
 Standard Woven Fabric Co., Walpole, Mass.  
 Sterling Mfg. Co., Gloucester, Mass.  
 Uhlich Paul & Co. (Imp.), 11 Cliff, New York  
 Viscol Co., Cambridge, Mass.

**12797—Rubber Suits (Pneumatic Pressure)**

Goodrich B. F. Co. ("Dr. George W. Grille Patent"), Akron, O.

**Rubber Window Cleaners**

*See Cleaners, Window*

**12797a—\*Rubberized Fabrics**

Du Pont Fabrikoid Co., Wilmington, Del.  
*For branch offices see adv index at end of book*

**12798—Rubbers (Fruit Jar)**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Ball Bros. Glass Mfg. Co. ("Ball Perfect Seal"), Muncie, Ind.  
 Boston Woven Hose & Rubber Co. ("Good Luck," "American Beauty," "Mayflower," also Special Rings for All Styles of Jars), Cambridge, Mass.  
 Empire Tire & Rubber Corp. ("Tulip"), East Trenton, N. J.  
*See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mechanical Rubber Co., Cleveland, O.  
 Mercer Rubber Co., Hamilton Sq., N. J.  
 New York Belting & Packing Co., 91 Chambers, New York  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Rubber Products Co., Barberton, O.

**12799—Rubbers (Sling Shot)**

Davol Rubber Co., 69 Point, Providence, R. I.

**12800—Rubbing Beds (Stone, Slate, Etc.)**

Birmingham Iron Foundry (For Marble, Stone, Slate, Brick & Terra Cotta), Derby, Conn.  
 Flory S. Mfg. Co. (With adj. Step Box), Bangor, Pa.  
 Flynn & Emrich Co. (Stone), 305 N Holliday, Baltimore, Md.  
 Glover Machine Works (For Marble), Marietta, Ga.  
 Lehigh Foundry Co., Fullerton, Pa.  
 Lincoln Iron Works, Rutland, Vt.  
 New Albany Machine Mfg. Co., New Albany, Ind.  
 Oliver Wm. J. Mfg. Co. (For Marble), Knoxville, Tenn.  
 Patch F. R. Mfg. Co., Rutland, Vt.

**12801—Rudders (Galvanized Iron)**

Wilcox, Crittenden & Co. ("Brass"), Middletown, Conn.

**12802—Rugs (Automobile)**

Curtis & Van Bernuth Mfg. Co., 88 W B'way, New York  
 New York Rug Co., 65 E 59th, New York  
 White Elmer S. & Co., Heed bldg, Phila., Pa.  
 Wild Joseph & Co., 366 5th av, New York

**12803—Rugs (Congoleum)**

United Roofing & Mfg. Co., 1305 Morris bldg, Phila., Pa.

**12804—Rugs (Steamer)**

Linn Woolen Co., Hartland, Me.  
 Pontoosuc Woolen Mfg. Co., Pittsfield, Mass.  
 Riley Wm. B. & Co., 238 Chestnut, Phila., Pa.

**12805—Rule (Perforating, Cutting & Creasing)**

Grammes L. F. & Sons, Allentown, Pa.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*

**12805a—\*Rulers (Advertising, Wood)**

*See also Advertising Novelties*  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**12806—Rulers (Hard Rubber)**

American Hard Rubber Co., 9 Mercer, New York

**12807—Rulers (School & Desk)**

American Mfg. Concern, Falconer, N. Y.  
 Bliss Mfg. Co., Bliss, N. Y.  
 Bogert & Hopper, 67 Barclay, New York  
 Estes E. B. & Sons (Wooden), 358 5th av, New York. *See adv index at end of book*  
 Kimpton Ed. Co., 60 John, New York  
 Lucas-Tuttle Mfg. Co., Silver Springs, N. Y.  
 Lufkin Rule Co., Saginaw, Mich.  
 Westcott-Jewell Co., Seneca Falls, N. Y.

**12808—Rules**

Under this Heading See Sub-Classifications  
 Athol Machine Co. ("Standard" Steel), Athol, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Chapin-Stephens Co. ("Pearce" Box Wood, Ivory, Combination, Slope Level, Try Square & Miscellaneous, etc), Pine Meadow, Conn.  
 Dahl Mfg. Co. ("Master Slide Rule & "Interlox"), 841 E 136th, New York  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.  
 Forsyth Metal Goods Co. (Metal), E. Aurora, N. Y.  
 Goodell-Pratt Co. (Steel), Greenfield, Mass.  
 Irving Mfg. & Tool Co. ("Axiom"), 157 Chambers, New York  
 Johnson E. P. Rule Mfg. Co., 565 Wash, blvd, Chicago, Ill.  
 Kerby & Bro., 51 Fulton, New York  
 Keuffel & Esser, Hoboken, N. J.  
**LUFKIN RULE CO.**, Saginaw, Mich.  
 Reliable Stamping Co. (Rustless), Buffalo, N. Y.  
 Sawyer Tool Mfg. Co., Ashburnham, Mass.  
 Somers James M. Co. (Brass), Bridgeport, Conn.  
 Stanley Rule & Level Co. ("Victor," Boxwood, "Zig Zag," "Stanley" Ivory), New Britain, Conn.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
 Upson Nut Co. (Boxwood), Cleveland, O.

**12809—Rules (Aluminum)**

Aluminum Goods Mfg. Co. (Pocket, etc), Manitowoc, Wis.

**12810—Rules (Blacksmiths')**

**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**12811—Rules (Caliper)**

*See Also Calipers*

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Chapin-Stephens Co. (Boxwood), Pine Meadow, Conn.  
 Humphrey Machine Co., Keene, N. H.  
 Lufkin Rule Co., Saginaw, Mich.  
 Stanley Rule & Level Co. (Boxwood, Ivory, etc.), New Britain, Conn.  
**STARRETT L. S. CO.** (Slide, etc), Athol, Mass. *See adv index at end of book*  
 Upson Nut Co. (Ivory & Boxwood), Cleveland, O. & Unionville, Conn.



**12812— \*Rules (Desk)**

**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**12813— Rules (Extension)**

Keuffel & Esser, Hoboken, N. J.  
Lufkin Rule Co., Saginaw, Mich.  
Stanley Rule & Level Co., New Britain, Conn.  
Upson Nut Co. (Zig Zag, etc.), Cleveland, O.

**12814— Rules (Folding)**

Keuffel & Esser, Hoboken, N. J.  
Lufkin Rule Co. (Flexible Wood; also Spring Joint), Saginaw, Mich.  
Reliable Stamping Co. (Rustless), Buffalo, N. Y.  
Schuchardt & Schutte, 90 West, New York  
Strauss Adolph & Co. ("Lion"), 678 Broadway, New York

**12815—Rules (Folding Boxwood)**

Lufkin Rule Co., Saginaw, Mich.

**12816—Rules (Glass Cutters')**

Kerby & Bro., 51 Fulton, New York  
Lufkin Rule Co., Saginaw, Mich.

**12817— Rules (Key Seat)**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**12818—Rules (Lumberman's)**

American Rule Mfg. Co. (Second-Growth White Hickory), Nashville, Tenn.  
Chapin-Stephens Co. (Log Sticks, etc), Pine Meadow, Conn.  
Cleveland Rule Co., 2190 N 59th, Cleveland, O.  
Lufkin Rule Co., Saginaw, Mich.  
Oshkosh Mfg. Co. (Hickory), Oshkosh, Wis.  
Smith & Phillips Mfg. Co. ("Ideal" Hickory Stick Steel Head), 412 N Sangamon, Chicago, Ill.  
Stanley Rule & Level Co., New Britain, Conn.  
Upson Nut Co., Cleveland, O., & Unionville, Conn.

**12819—Rules (Machine, Divided Steel)**

Lufkin Rule Co., Saginaw, Mich.

**12820— Rules (Machinists')**

Athol Machine Co., Athol, Mass.  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Disston Henry & Sons, Tacony, Phila., Pa.  
Lufkin Rule Co., Saginaw, Mich.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**12821— Rules (Plumb)**

Worden L. B., Penn Yan, N. Y.

**12822— Rules (Pocket)**

Lufkin Rule Co., Saginaw, Mich.  
**STARRETT L. S. CO.** (Steel Folding), Athol, Mass. *See adv index at end of book*

**12823—Rules (Printers' Brass)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

**12824—Rules (Scale & Shrinkage)**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Cleveland Galvanizing Works Co. (Shrinkage), 3924 Cooper av, Cleveland, O.  
Keuffel & Esser, Hoboken, N. J.  
Lufkin Rule Co., Saginaw, Mich.  
Schley Fred'k & Co., 59 Beekman, New York  
Stanley Rule & Level Co., New Britain, Conn.  
**STARRETT L. S. CO.** (Shrinkage Only), Athol, Mass. *See adv index at end of book*

**12825— Rules (Slide)**

Keuffel & Esser, Hoboken, N. J.  
Richardson Geo. W. ("Richardson" Direct Reading, "Winslow" Strength Computing), 4212 W 24th pl, Chicago, Ill.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
Tomlinson Henry W. ("Winslow" Strength Computing), 64 E Van Buren, Chicago, Ill.

**12826— Rules (Steel)**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
Disston Henry & Sons, Tacony, Phila., Pa.  
Forsyth Metal Goods Co., E. Aurora, N. Y.  
Keuffel & Esser, Hoboken, N. J.  
Lufkin Rule Co., Saginaw, Mich.  
Nicholls Mfg. Co. (Framing), Ottumwa, Ia.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
Union Tool Co., Orange, Mass.  
Wellman Pattern Supply Co. (Steel Shrink Rules), Cleveland, O.

**12827—Rules (Steel, Metric)**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Goodell-Pratt Co., Greenfield, Mass.  
Lufkin Rule Co., Saginaw, Mich.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
Stanley Rule & Level Co., New Britain, Conn.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**12828— Rules (Tinnners')**

Lufkin Rule Co., Saginaw, Mich.  
Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
Peck, Stow & Wilcox Co., Southington, Conn.

**12829— Rungs (Ladder)**

Estes E. B. & Sons (Also Chair), 358 5th av, New York  
*See adv index at end of book*  
Minton T. W. & Son, Barbourville, Ky.  
Oliver Iron & Steel Co. (Steel), S 10th & Muriel, Pittsburgh, Pa.  
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.  
Rugg Mfg. Co. (White Ash), Greenfield, Mass.

**12830— Runners (Joint)**

American Brass Novelty Co., Grand Haven, Mich.  
Bernz Otto, 21 Ashland av, Newark, N. J.  
Famous Mfg. Co., Grand Rapids, Mich.  
Johns H. W.-Manville Co. (Lead), Madison av & 41st, New York  
Johnson Wm. (Asbestos), Newark, N. J.  
Vanderman Mfg. Co. ("Asbestos Lead"), Willimantic, Conn.  
Walworth Mfg. Co., Boston, Mass.  
Wolverine Brass Works, Grand Rapids, Mich.  
Yonts C. H. & Co., Meadville, Pa.

**12831— Runners (Sled)**

Barber Mfg. Co., Ashtabula, O.

**12832—Running Boards (Automobile)**

Clayton & Lambert Mfg. Co., 205 Piquette av, E Detroit, Mich.  
**ERDLE PERFORATING CO.** (Pressed Steel for Autos, Trucks, etc.), 181 York, Rochester, N. Y.  
*See adv index at end of book*  
Michigan Stamping Co., Detroit, Mich.  
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

**12833— Runs (Ice)**

Gifford-Wood Co. (Wood or Iron) Hudson, N. Y.  
Gruman Ice Tool Works, Branchville, Conn.

**Runways (Crane)**

*See Cranes Runway*

**12833a— Runways (Poultry)**

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

**12834— Rust Preventives**

American Rust Proof Co. ("Vatudrip"), 220 5th av, New York  
Arnold N. B. ("Slikuys Kant-Rust"), 1 Sigourney, Brooklyn, N. Y.  
Cedaroleum Co., Perkinsville, Vt.  
Hess & Son ("Epicassit"), Watkins bldg, Phila., Pa.  
Houghton E. F. & Co. ("Cosmic" & White Slushing Oil), 240 W Somerset, Phila., Pa.  
Marlin Fire Arms Corp. ("Marlin Rust Repeller" for Guns, Tools, etc), New Haven, Conn.  
Melville F. L. ("Melville's Standard"), Bayonne, N. J.  
Oakley Chemical Co. ("Oakite"), 24 Thames, New York  
Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.  
Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

**12835— Rust-Proofing**

Bontempi Co., 50 Church, New York  
Bradley Iron Works, 37 Ferris, Brooklyn, N. Y.

**12836— Rustic Woodwork**

Howe John Jay, 56 Pine, New York  
North Shore Furneries Co. (Furniture), Beverly, Mass.  
Petree W. E. & Co., Milford, N. H.

**12837— Rutile**

Drakenfeld B. F. & Co. (Granular & Powdered), 50 Murray, New York  
Foote Mineral Co., 107 N 19th, Phila., Pa.

**12838— Saccharine**

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*  
Monsanto Chemical Works, St. Louis, Mo.

**12839-40-1—Saccharometers**

Phila. Thermometer Co., 9th & Arch., Phila., Pa.  
Tagliabue Chas. J. Mfg. Co., 20 33d, Brooklyn, N. Y.  
Wagner Carl H., 1944 N Albany av, Chicago, Ill.

**Sacks (Cotton)**

*See Bags & Bagging*

**12842— Sacks (Ore)**

Colorado Tent & Awning Co. ("Boss"), Denver, Colo.  
Denver Tent & Awning Co., Denver, Colo.  
Hoegge Wm. H. Co., Los Angeles, Cal.

**Sacks (Paper, Cement & Flour)**

*See Bags, Paper, With the Word Cement, etc., Following Their Name*

**12843— Sad Irons**

Alcohol Utilities Co. ("Pyro" Alcohol Self-Heating), 27 William, New York  
Alperin H. J. Co. ("Alpine" Electric), 720 Euclid av, Cleveland, O.  
American Foundry & Mfg. Co. ("Potts" & Common), 11th & Herbert, St. Louis, Mo.  
American Gas Machine Co. (Self Heating Gasoline), Albert Lea, Minn.  
American Pressing Iron Co. ("Frugal" Gas), 48 E 8th, New York  
Art Stove Co. (Gas), Detroit, Mich.  
**BEACH-RUSS CO.** (Gas), 220 B'way, New York *See adv index at end of book*  
Bless & Drake ("Mrs. Potts" Cold-Handle, Self-Heating Charcoal; also "Perfect" Gas), 175 N. J. RR av, Newark, N. J.  
Brandenburg Cobbling Supply Co. (Common), 157 W Grand av, Chicago, Ill.  
Central Flatiron Mfg. Co. ("Stewart," "I. M. E.," "Charm" Domestic, "Stewart" Tailors, Gas Heated), Binghamton, N. Y.



Chattanooga Implement & Mfg. Co. (Common Pressing, Tailors' & Charcoal), Chattanooga, Tenn.

Chicago Hardware Foundry Co. ("Harper" Asbestos Lined), 546 W Washington, N Chicago, Ill.

Colebrookdale Iron Co. ("Mrs. Potts," "Sensible," Chinese Shir Waist & Laundry, Shield "C" "Sensible" & Shield "C" Tailors), Pottstown, Pa.

Crane Wm. M. Co. ("Vulcan" Gas), 16 W 32d, New York

Cumberland Foundry & Mfg. Co., Nashville, Tenn.

Domestic Gas Iron Co. (Gas), 1001 Blackadore av, Pittsburgh, Pa.

Dover Mfg. Co. (Asbestos), Dover, O.

Economic Percolator Co. ("Jeerless" Gas), 265 B'way, New York

Enterprise Hardware Mfg. Co., Frederick, Md.

Enterprise Mfg. Co. of Pa. ("Enterprise," "Star" Polisher), 3d & Dauphin, Phila., Pa.

Genesee Valley Mfg. Co., Mount Morris, N. Y.

Gray Iron Foundry Co. ("Cold Handle" Family & Laundry; also "Dainty" Shirtwaist Irons), Reading, Pa.

Gross Star Gas Iron Co. (Self-Heating, Gasoline), 336 Vanburen, Chicago, Ill.

Herz Mfg. Co. (Self-Heating Gasoline), 388 Jackson, St. Paul, Minn.

Hotpoint Electric Heating Co. ("Pacific"), Ontario, Cal.

Howell W. H. Co. (Cold Handle & Common; also "Star" Quality), Geneva, Ill.

Ideal Sad Iron Mfg. Co. ("Ideal" Gasoline Self-Heating), Cleveland, O.

Illinois Iron & Bolt Co. (Revolving, also Tailors' Irons), Carpentersville, Ill.

Imperial Brass Mfg. Co. ("Imperial" Self-Heating), 524 S Racine av, Chicago, Ill. *See adv index at end of book*

King Stove & Range Co. (Common), Sheffield, Ala.

Landers, Frary & Clark, New Britain, Conn.

Lindstrom-Smith Co. ("White Cross" Electric), 1104 S Wabash av, Chicago, Ill.

Lodge Mfg. Co., South Pittsburgh, Tenn.

Loetscher-Ryan Mfg. Co. ("Star," "Crescent," "B. O. E," "Mrs. Potts" & Tailors'), Dubuque, Ia.

Modern Safety Gas Iron Co., 608 Arch, Phila., Pa.

Monitor Sad Iron Co. ("Monitor," Gasoline Self-Heating), Big Prairie, O.

Pease Mfg. Co., Cincinnati, O.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Rock Island Mfg. Co. ("Mrs. Potts" Pattern, also Gas), Rock Island, Ill.

Rosenbaum Mfg. Co. ("Unedit," "Rose" Gas), 33 Bleecker, New York

Royal Iron & Mfg. Co. ("Royal" Gas & Gasoline), Big Prairie, O.

Ruud Mfg. Co. (Gas, Thermostatically Controlled), 428 Penn, Pittsburgh, Pa.

Sailer & Melvin Mfg. Co. ("Champion" Gas), Massillon, O.

Solar Light Co., 69 Wooster, New York

Southern Skein & Foundry Co. ("So. Crescent," also Tailors' Irons), Chattanooga, Tenn.

Stockwell & Co. (Gas), 229 N Holliday, Baltimore, Md.

Strause Gas Iron Co. ("Iwanta" Gas), 1425 Vine, Phila., Pa.

Streeter N. R. & Co. ("Sensible") ("Mrs. Potts"), Rochester, N. Y.

Sun Mfg. Co. ("Modern Self-Heating, Gasoline & Alcohol), South Bend, Ind.

Sunshine Jasper Co. (Gas), 59 E 8th, New York

Thurnauer G. M. Co. ("Nickel Plated Alcohol"), 6 E 20th, New York

Tures Mfg. Co. ("Turz-Lite," "Peerless," Gasoline), 394 6th, Milwaukee, Wis.

Union Mfg. Co., Boyertown, Pa.

Williams A. C. Co., Ravenna, O.

Wright Gas Iron & Novelty Co. ("New Wright" Gas), 13th & Cumberland, Phila., Pa.

Wrightsville Hardware Co. (Cold Handles, "Mrs. Best's" & "Troy Ladies' Pride"), Wrightsville, Pa.

#### 12844—Sad Irons (Electric)

Acme Electric Heater Co. ("Standard Six"), 235 Mt. Elliott av, Detroit, Mich.

American Electrical Heater Co. ("American Beauty," "Superior" & "Triangle"), Detroit, Mich.

Apex Electric Mfg. Co., 1410 W 59th, Chicago, Ill.

Bless & Drake, 175 N. J. RR av, Newark, N. J.

Chicago Flexible Shaft Co. ("Princess"), 608 N La Salle av, Chicago, Ill.

Colebrookdale Iron Co. ("Colebrookdale"), Pottstown, Pa.

Cutler-Hammer Mfg. Co., 1200 St. Paul av, Milwaukee, Wis.

*See adv index at end of book*

Detroit Electric Heater Co. ("Happy"), Detroit, Mich.

Diamond Electric Co. ("Delco"), Birmingham, N. Y.

Dover Mfg. Co. ("A-Best-O"), Dover, O.

Economy Electric Co., 211 Fulton, Brooklyn, N. Y.

Electric Mfg. Co. ("Mrs. Potts"), 59 New Montgomery, San Francisco, Cal.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Hotpoint Electric Heating Co. ("Pacific," "World's Best," "Utility," "Hot Point"), Ontario, Cal.

Landers, Frary & Clark ("Thermax"), New Britain, Conn.

Lindstrom Smith Co. ("White Cross"), 1104 S Wabash av, Chicago, Ill.

Loetscher-Ryan Mfg. Co. ("Ideal"), Dubuque, Ia.

Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York

Michigan Stove Co. ("Garland"), Detroit, Mich.

National Stamping & Electric Wks. ("Superior"), 424 S Clinton, Chicago, Ill.

Ohio Electric Works, Cleveland, O.

Pelouze Mfg. Co. ("Universal"), 232 E Ohio, Chicago, Ill.

Pfanstiehl Co., North Chicago, Ill.

Phelps Mfg. Co. ("So Easy" & "Venus"), 265 Jefferson av, Detroit, Mich.

Pittsburgh Elec. Spec. Co., Ross & 1st av, Pittsburgh, Pa.

Prometheus Electric Co., 511 W 42d, New York

Reimers Mfg. Co., 517 W 45th, New York

Rochester Stamping Co., Rochester, N. Y.

Rock Island Mfg. Co., Rock Island, Ill.

Rutenber Electric Co., Logansport, Ind.

Simplex Electric Heating Co. ("Simplex"), Cambridge, Mass.

Sterling Mach. & Stamping Co., Wellington, O.

Vulcan Electric Heating Co., 107 W 13th, New York

Waage Electric Co. ("Triple Heat"), 12 S Jefferson, Chicago, Ill.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

#### Sad Irons (Gas)

*See Firms in Sad Irons with the Word Gas Following Their Name*

#### 12845—Saddles (Bicycle & Motor Cycle)

Graton & Knight Mfg. Co. (Leather), Worcester, Mass.

Mesinger H. & F. Mfg. Co., 144th & Austin pl, New York

Reading Saddle & Mfg. Co., Reading, Pa.

Superior Metal Products Co., Elyria, O.

Troxel Mfg. Co. (Also Motor Cycle), Elyria, Ohio

#### 12846—Saddles (Gig)

Standard Coach Pad Co., Wooster, O.

#### 12847—Saddles (Pipe)

American Foundry & Mfg. Co., St. Louis, Mo.

**AMERICAN SPIRAL PIPE WORKS**, Chicago, Ill. *See adv index at end of book*

Crane Co. (Est. 1855), 836 So Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Dayton Pipe Coupling Co. (For Pipe Mains, etc), Dayton, O.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

*See adv index at end of book*

Kelly & Jones Co. (Cast & Malleable Iron), 135 Water, Pittsburgh, Pa.

Mueller H. Mfg. Co., Decatur, Ill.

National Tube Co. (Double Wrought Strap), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

Newbury Mfg. Co., Monroe, N. Y.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Skinner M. B. & Co. ("Emergency"), 562 W Washington, Chicago, Ill.

#### Saddles (Riding)

*See Harness Saddles & Strap Work Mfrs.*

#### 12848—Saddles (Tank)

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.

#### 12849—Saddletrees

Claggett Saddletree Co., Jeffersonville, Ind.

Flor Edw., Demarest, Ga.

Hummel Geo. J. Saddletree Co., Madison, Ind.

Miller W. W. Saddletree Co., Madison, Ind.

Sullivan J. S. Saddletree Co., Jefferson City, Mo.

#### 12850—Safe Ends (Boiler Tube)

National Tube Co. ("SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

#### 12851—Safes (Cabinet)

Art Metal Construction Co., Jamestown, N. Y.

Crown Metal Const. Co., Jamestown, N. Y.

Fire-Proof Furniture & Construction Co. (Steel), Miamisburg, O.

General Fireproofing Co. ("All-steel"), Youngstown, O.

Globe-Wernicke Co. (Portable Steel), 25 Carthage av, Cincinnati, O.

Mellink Mfg. Co., Toledo, O.

#### 12852—Safes (Express Car)

Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.

Herring-Hall-Marvin Safe Co., Hamilton, Ohio

#### 12853—Safes (Filing)

Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.

Mellink Mfg. Co. ("Mellink," for Office Building Equipment), Toledo, O.

#### 12854—Safes (Fire & Burglar Proof)

Alpine Safe & Lock Co., 911 Freeman av, Cincinnati, O.

American Safe & Lock Co., Anderson, Ind.

Barnes Safe & Lock Co., 941 Liberty av, Pittsburgh, Pa.

Barnes Safe & Vault Co., 12 N 12th, Richmond, Va.

Baum J. Safe & Lock Co., 617 E Front, Cincinnati, O.

Cary Safe Co., Buffalo, N. Y.

Diebold Safe & Lock Co., Canton, O.

Gross-Feibel Co., Hillsboro, O.

Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.

Harrigan Safe Co., Sheffield, Kansas City, Mo.

Hermann Safe Co., 126 Folsom, San Francisco, Cal.

Herring-Hall-Marvin Safe Co., Hamilton, O.

Mellink Mfg. Co. (Fire-proof Home Deposit Vaults), Toledo, O.

Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.

Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.

Mosler Safe Co., Hamilton, O.

National Safe & Lock Co., Cleveland, O.

Norris Safe & Lock Co., Seattle, Wash.

Northwestern Safe Mfg. Co., Columbia Heights, Minneapolis, Minn.

Pittsburgh Safe Co., Connellsville, Pa.

Pixley Safe & Lock Co., Toledo, O.

Remington & Sherman Co., 359 B'way, New York

Schwab Safe Co., Lafayette, Ind.

Stiffel & Freeman Co., 723 Chestnut, Phila., Pa.

Syracuse Safe Co., Syracuse, N. Y.

Victor Safe & Lock Co., Cleneay av & N & W Belt Line, Norwood, Cincinnati, Ohio

Victoria Safe & Lock Co., Victoria, Tex.

Waltz Safe & Lock Co., 233 California, San Francisco, Cal.

York Safe & Lock Co., York, Pa.



**12855— Safes (House)**

Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.  
 Meilink Mfg. Co., Toledo, O.  
 Wehrle Co., Newark, O.

**12856—Safes (Manganese Steel)**

Hall's Safe Co. (For Banks), 3253 Spring Grove av, Cincinnati, O.  
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.  
 York Safe & Lock Co., York, Pa.

**12857— Safes (Match)**

Arcade Mfg. Co. ("Champion"), Freeport, Ill.  
 Barnes-Ross Co. ("BIR"), Indianapolis, Ind.  
 Behrend & Rothschild, 353 B'way, New York  
 Bogert & Hopper (Advertising), 67 Barclay, New York  
 Buffalo Mfg. Co., Buffalo, N. Y.  
 Carrington & Co. (Pocket), 42 Walnut, Newark, N. J.  
 Cassady Fairbank Mfg. Co. ("Acorn"), 6126 S La Salle, Chicago, Ill.  
 Central Specialty Mfg. Co., 508 S Peoria, Chicago, Ill.  
 Central Stamping Co. ("Puritan"), 172 Fulton, New York  
 Childs S. D. & Co., 136 S Clark, Chicago, Ill.  
 Eclipse Gas Stove Co. ("Eclipse"), Rockford, Ill.  
 Estes E. B. & Sons (Advertising), 358 5th av, New York  
*See adv index at end of book*  
 Forsyth Metal Goods Co., E. Aurora, N. Y.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grey Iron Casting Co. ("Demon," Safety, etc), Mt. Joy, Pa.  
 Hess & Son ("Holdfast"), Watkins bldg, Phila., Pa.  
 Houchin Thos. W. Co. (Brass), 38 E 21st, New York  
 Kohler Die & Specialty Co. ("Deaton"), De Kalb, Ill.  
 Manhattan Brass Co. (Brass), 333 E 26th, New York  
 Marble Arms & Mfg. Co. ("Marble's" Sportsman Waterproof), Gladstone, Mich.  
 National Enameling & Stamping Co., 411 5th av, New York  
 National Sheet Metal Co. (Stamped Nickel & Nickelene, Pocketproof & Stormproof, etc.), Peru, Ill.  
 Nicol & Co. ("Turtle"), 218 N Jefferson, Chicago, Ill.  
 Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.  
 Royal Mfg. Co. ("Royal Rustic"), Denckla bldg, Phila., Pa.  
 Searls Mfg. Co. ("Paletto"), 29 Mulberry, Newark, N. J.  
 Silver & Co., 304 Hewes, Brooklyn, N. Y.  
 Sternau S. & Co., 160 John, Brooklyn, N. Y.  
 Stover Mfg. Co. (Brass), Freeport, Ill.  
 Sweeney W. H. Mfg. Co., 30 Main, Brooklyn, N. Y.  
 Van Wert Novelty Co., Van Wert, Ohio  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hardware Co., Wrightsville, Pa.

**12858— Safes (Receiving)**

For Street Railway Conductors' Trip Returns  
 Hall's Safe Co. (For Conductor's Trip Returns), 3253 Spring Grove av, Cincinnati, O.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 York Safe & Lock Co., York, Pa.

**12859—Safes (Wall, Built In)**

Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.  
 Meilink Mfg. Co., Toledo, O.  
 York Safe & Lock Co., York, Pa.

**12860—Safes & Vaults (Wall)**

Crane Mfg. Co., Galesburg, Ill.  
 Lowrie Safe & Lock Mfg. Co. ("Lowrie," for Residences, Clubs, Offices, etc.), 400 N Oakley blvd, Chicago, Ill.  
 York Safe & Lock Co., York, Pa.

**12861—Safety Deposit Boxes**

Fire-Proof Furniture & Construction Co., Miamisburg, O.  
 Hall's Safe Co., 3253 Spring Grove av, Cincinnati, O.  
 Mosler Safe Co., Canton, O.  
 National Safe & Lock Co., Cleveland, O.  
 York Safe & Lock Co., York, Pa.

**12862—\*Safety Devices (Punching Press, Etc.)**

For Protecting Workmen  
 GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis. *See adv index at end of book*

**12863—Safety Straps (Telephone & Telegraph Poles)**

DIAMOND EXPANSION BOLT CO. ("Diamond"), 89 West, New York  
*See adv index at end of book*

**Safety Treads**

See Stair Treads, Various Kinds

**12863a—\*Safety Treads (Wrought Steel)**

AMERICAN MASON SAFETY TREAD CO., Lowell, Mass.

**12864— Sails (Yacht)**

Baker H. H. & Co., Buffalo, N. Y.  
 Cousins & Pratt, Neponset, Boston, Mass.  
 Curtin John (Inc.), 3 South, New York  
 Goss J. C. Co., Detroit, Mich.  
 Gromann Henry F., 320 Pearl, New York  
 Herreshoff Mfg. Co., Bristol, R. I.  
 McClellan Chas. P., Fall River, Mass.  
 Mills Andrew & Sons, 53 South, New York  
 Moore Benj. & Co., 27 South, New York  
 Pease L. F. Co., 7 Crawford, Providence, R. I.  
 Thomas Wm. E. & Co., 42 South, New York  
 Upson-Walton Co., 1310 W 11th, Cleveland, O.  
 Wilson & Silsby, Rowe's Wharf, Boston, Mass.

**12865—Salad Sets (Forks & Spoons)**

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York

**12866— Salamanders**

Channon Jas. H. Mfg. Co. ("Blazer"), 227 W Erie, Chicago, Ill.  
 Drouve G. Co., 40 Tulip, Bridgeport, Conn.  
 Eagle Iron Works ("May's"), 850 DeKalb av, Brooklyn, N. Y.  
 Fleck M., 119 E 131st, New York  
 Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.  
 Howes S. M. Co., 42 Union, Boston, Mass.  
 Jackson Mfg. Co., Harrisburg, Pa.  
*See adv index at end of book*  
 Keller A. E. (Mason's), 136 Beekman, New York  
 Littleford Bros., 444 E Pearl, Cincinnati, O.  
 Mostberger Iron Co. ("Buffalo"), 878 S Division, Buffalo, N. Y.  
 Munroe R. & Sons Mfg. Corp., 23d & Smallman, Pittsburgh, Pa.  
 North Star Ash Can Co. (Masons), 167 Chrystie, New York  
 Phillips Doup & Co., 60 Pearl, Brooklyn, N. Y.  
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.  
*See adv index at end of book*

**12867— Sal-Ammoniac**

See Also Chemicals, Battery

Barrett Co., 17 Battery pl, New York  
 Bauer Philip Co. (Imp.), 68 Broad, New York  
 Baugh & Sons Co., 20 S Delaware av, Philadelphia, Pa.  
 General Chemical Co., Benedum Trees bldg, Pittsburgh, Pa.  
 Grasselli Chemical Co., Guardian bldg, Cleveland, Ohio  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.

Hillier's R. Son Co. (Powdered), 100 William, New York. Works: Jersey City, N. J.

Innis, Speiden & Co., Inc. (Imported), 46 Cliff, New York

*See adv index at end of book*

Klipstein A. & Co., 644 Greenwich, New York

Roessler & Hasslacher Chemical Co. (White & Gray), 100 William, New York

Semet-Solvay Co., Syracuse, N. Y.  
 Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York

Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

**12868— Salicylate of Soda**

British-American Chemical Co., 52 Vanderbilt av, New York  
 Butterworth-Judson Corp., 61 Broadway, New York  
 Heyden Chemical Wks., Garfield, N. J.  
 Pfizer Chas. & Co., 81 Maiden la, New York

**12869— Salol**

Butterworth-Judson Corp., 61 Broadway, New York  
 Heyden Chemical Works, Garfield, N. J.

**12870-1— Sal-Soda**

American Chemical Co., 640 Carr, Cincinnati, O.  
 Bay Chemical Wks., North Point & Kearny, San Francisco, Cal.  
 Butterworth-Judson Corp., 61 Broadway, New York  
 California Soap Co., 2437 E 9th, Los Angeles, Cal.  
 Church & Dwight Co. (Also Concentrated Sal-Soda), 80 Maiden Lane, New York  
 Commercial Acid Co., 3943 Duncan, St. Louis, Mo.  
 General Chemical Co., 25 Broad, New York  
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
 Iowa Soda Products Co., Council Bluffs, Iowa  
 Klipstein A. & Co., 644 Greenwich, New York  
 Mallinckrodt Chemical Works, 2d & Mallinckrodt, St. Louis, Mo.  
 Mechling Bros. Mfg. Co., Camden, N. J.  
 Morton Salt Co., 80 E Jackson blvd, Chicago, Ill.  
 Penn Chemical Works, 1322 Wash. av, Phila., Pa.  
 Penna. Salt Mfg. Co. (Also Laundry Soda), Widener bldg, Phila., Pa.  
 Reardon Jno. & Sons Co., Cambridge, Mass.  
**VERA CHEMICAL CO.**, North Milwaukee, Wis. & Stoneham, Mass., Burlington, Ont., Canada  
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

**12872-3— Salt Cake**

See Also Salts, Glauber

Butterworth-Judson Corp., 61 Broadway, New York  
 Commercial Acid Co., 3943 Duncan, St. Louis, Mo.  
 Contact Process Co., Buffalo, N. Y.  
 General Chemical Co. (Glass Makers), 25 Broad, New York  
 Grasselli Chemical Co. (For Glass Makers), Guardian bldg, Cleveland, O.  
 National Zinc Co., Kansas City, Kan.  
 Penna. Salt Mfg. Co. (Refined, For Glass Makers), Widener bldg, Phila., Pa.  
 Riverside Acid Works, Warren, Pa.  
 Virginia Consolidated Chemical Corp., 100 Broadway, New York  
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

**12874— Salt Mfrs.**

Avery Rock Salt Mining Co., Scranton, Pa.  
 Barton Salt Co., Hutchinson, Kan.  
 Bevis Rock Salt Co., Wright bldg, St. Louis, Mo.  
 Bliss & Van Auken, Saginaw, Mich.  
 Bradley N. B. & Sons, Bay City, Mich.  
 Buckeye Salt Co., Pomeroy, O.  
 California Salt Co., Mills bldg, San Francisco, Cal.  
 Carey Salt Co., Hutchinson, Kan.  
 Cleveland Salt Co., 2295 Ashland rd, S E, Cleveland, O.



Colonial Salt Co., Akron, O.  
 Consumers Salt Co., Los Angeles, Cal.  
 Desert Crystal Salt Co., White Plains, Nev.  
 Diamond Crystal Salt Co., St. Clair, Mich.  
 Dickinson J. Q. & Co. ("Genuine Kana-wha"), Malden, W. Va.  
 Eastern Salt Co., 186 State, Boston, Mass.  
 Eddy Bros. & Co., Bay City, Mich.  
 Ellsworth Salt Co., Ellsworth, Kan.  
 Empire Coarse Salt Co., Syracuse, N. Y.  
 Grand Saline Salt Co., Grand Saline, Tex.  
 Hartford City Salt Co., Hartford, W. Va.  
 Inland Crystal Salt Co., Salt Lake City, Utah  
 Inland Delray Salt Co., Telegraph bldg, Detroit, Mich.  
 International Salt Co. (of New Jersey), 2 Rector, New York  
 International Salt Co. (of New York), Scranton, Pa.  
 Kneeland-Bigelow Co., Bay City, Mich.  
 Leroy Salt Co., Leroy, N. Y.  
 Mershon Eddy, Parker Co., Saginaw, Mich.  
 Michigan Salt Works, Marine City, Mich.  
 Morton Salt Co., 80 E Jackson Blvd, Chicago, Ill.  
 Myles Salt Co. (Ltd.), 713 Whitney, New Orleans, La., & Weeks, La.  
 North American Chemical Co., Bay City, Mich.  
 Ohio Salt Co., Wadsworth, O., & 100 Hudson, New York  
 Onondaga Coarse Salt Assn., Syracuse N. Y.  
 Peters R. G. Salt & Lumber Co., East Lake, Mich.  
 Robinson Jerh. P. & Co. (Imp.), 56 Beaver, New York  
 Salina Solar Coarse Salt Co., Syracuse, N. Y.  
 Snow Flake Salt Co., 113 Fulton, New York  
 Solvay Process Co., Syracuse, N. Y.  
 Standard Salt & Cement Co., Duluth, Minn.  
 Stearns Salt & Lumber Co., Ludington, Mich.  
 Sterling Salt Co., 29 B'way, New York  
 Todd & Co. (Imp.), 407 E 8th, New York  
 Union Salt Co., Addison rd & L. S. & M. S. Ry., Cleveland, O.  
 Wadsworth Salt Co., Wadsworth, O.  
 Western Rock Salt Co., Wright bldg, St. Louis, Mo.  
 Worcester Salt Co., 71 Murray, New York

### 12875— Saltpetre

Battelle & Renwick ("Niagara" Refined Crystals, Granular & Powdered), 80 Maiden la, New York  
 Croten Chemical Co., 14 Cedar, New York  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
**HERCULES POWDER CO.**, Wilmington, Del. *See adv index at end of book*  
 Knowles-Bradley Co., 88 Wall, New York  
 Ralli Bros. (Imp.), 11 William, New York  
 Thorkildsen-Mather Co., 111 W Monroe, Chicago, Ill.  
 White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.  
 Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

### 12876-7—\*Saltpetre (Nitrate of Potassium)

**du PONT E. I. de NEMOURS & CO.**, (Conforms strictly to U. S. Government Standard of Purity), Wilmington, Del.  
*For branch offices see adv index at end of book*

### 12878-9— Salt (Refuse)

Battelle & Renwick, 80 Maiden la, New York

### 12880— Salts (Aniline)

Berlin Aniline Works (Imp.), 213 Water, New York  
 Butterworth-Judson Corp., 61 Broadway, New York  
 Calco Chemical Co., Bound Brook, N. J.  
 Chemical Co. of America, 28 Platt, New York  
 Marden, Orth & Hastings Co., 61 B'way, New York  
 Midvale Chemical Works, 610 Locust, St. Louis, Mo.  
 Virginia Consolidated Chemical Corp., 100 Broadway, New York

### 12881— Salts (Chemical)

Doggett Stanley, 11 Cliff, New York  
 General Chemical Co., 25 Broad, New York  
 Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.  
 Virginia Consolidated Chemical Corp., 100 Broadway, New York

### 12882— Salts (Copper)

Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.

### Salts (Epsom)

See Salts, Glauber's

### 12883— Salts (Glauber's)

See also Sodium Sulphate

Bischoff C. & Co. (Imp.), 451 Washington, New York  
 Butterworth-Judson Co., 61 B'way, New York  
 Central Products Co., 1352 Wells, Chicago, Ill.  
 Ducas B. P. Co. (Imp.), 25 S William, New York  
 General Chemical Co. (And Nitre Cake), 25 Broad, New York  
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
 Hillier's R. Son Co. (Powdered), 100 William, New York. Works, Jersey City, N. J.  
 Iowa Soda Products Co., Council Bluffs, Ia.  
 Jobbins Wm. F. (Inc.), Aurora, Ill.  
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.  
 Mechling Bros. Mfg. Co., Camden, N. J.  
 Merrimac Chemical Co., 148 State, Boston, Mass.  
 National Zinc Co., Kansas City, Kan.  
 Naugatuck Chemical Co., Naugatuck, Conn.  
 Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.  
 Powers-Weightman-Rosengarten Co., 916 Parrish, Philadelphia, Pa.  
 Pratt N. P., Atlanta, Ga.  
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.  
 Victor Chemical Works, Fisher bldg, Chicago, Ill.  
 Virginia Consolidated Chemical Corp., 100 B'way, New York  
 Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

### 12884— Salts (Manure)

German Kali Works (Imp.), 42 B'way, New York

### 12885— Salts (Nickel)

Day S. A. Mfg. Co. (Dealers), 1483 Niagara Buffalo, N. Y.  
 Finkell Wm. T. ("Peerless" Dealer), 103 Maiden la, New York  
 Finkell-Hachmeister Chemical Co. (Chinisol"), 1910 Forbes, Pittsburgh, Pa.  
 Fuerst Bros. & Co. (Imp.), 2 Stone, New York  
 Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
 International Nickel Co., 43 Exchange pl, New York  
 Roessler & Hasslacher Chemical Co. ("Trisalyt" Metallic Triple Salt for Electroplating), 100 William, New York  
 U. S. Chemical Co. (Black), 3621 Lakeside av, N E, Cleveland, O.  
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

### 12886— Salts (Platinum)

American Platinum Wks., Oliver st & N J RR av, Newark, N. J.  
 Roessler & Hasslacher Chemical Co., 100 William, New York

### 12887—Sample Cases (Jewelry)

Rueckert Mfg. Co., 162 Clifford, Providence, R. I.

### 12887a— Sample Cases & Bags

Ajax Trunk & Sample Case Co., 150 W 18th, New York  
 Belber Trunk & Bag Co., 1641 N Hancock, Philadelphia, Pa.  
 Cutter & Cutter, 26 Chauncy, Boston, Mass.

Diamond Nicholas & Co., 616 W Adams, Chicago, Ill.  
 Fibre Case & Novelty Co., 274 Church, N. Y.  
 Headley & Farmer Co., Newark, N. J.  
 Katz Bros. Leather Goods Co., 135 W 20th, N. Y.  
 Likly Henry & Co., Rochester, N. Y.  
 Seitz J. H. & Son, 414 Brown, Phila., Pa.  
 Warren Leather Goods Co., Worcester, Mass.  
 Winship W. W. & Sons, Co., Utica, N. Y.

### 12888—Samplers (Coffee, Etc.)

Humason & Beckley Mfg. Co., New Britain, Conn.

### 12889— Samplers (Grain)

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Minneapolis Brass & Iron Mfg. Co., 115 N 9th, Minneapolis, Minn.  
 Moore & Lorenz Co., 2144 W Fulton, Chicago, Ill.

### 12890— Samplers (Ore)

Braun Corporation, Los Angeles, Cal.  
 Braun-Knecht-Heimann Co. ("Braun"), 576 Mission, San Francisco, Cal.  
 Denver Engineering Works Co., Denver, Col.  
 Denver Fire Clay Co. ("Jones," "Core"), Denver, Colo.  
 Dillon-Box Iron Works Co. ("Brunton"), Denver, Colo.  
**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York  
*See adv index at end of book*  
 Traylor Engineering & Mfg. Co., Allentown, Pa.

### 12891—\*Sand Blast Equipment

**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 MacLeod Co. (Machines, Helmets, Cables, etc.), 2227 Boren, Cincinnati, O.  
*See adv index at end of book*

### 12892—\*Sand Blast Systems

**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 MacLeod Co. (Exhaust System), 2227 Boren, Cincinnati, O.  
*See adv index at end of book*

### 12893— Sand (Core)

See also Sand, Molding or Foundry  
 Berkshire Glass Sand Co., Cheshire, Mass.  
 Downer S. W., Downer, N. J.  
 Humphreys E. C. Co., Book bldg, Detroit, Mich.  
 Jackson Sand Mining Co., Jackson, O.  
 Newport Sand Bank Co., Newport, Ky.  
**Paxon J. W. Co.**, 1021 No. Delaware av, Philadelphia, Pa.  
 Reynolds E. J. Sand Co., Utica, Ill.  
 Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.  
 U. S. Silica Co., 122 S Michigan av, Chicago, Ill. *See adv index at end of book*  
 Utica Fire Sand Co., Utica, Ill.  
 Valentine M. D. & Bro. Co., Woodbridge, N. J.  
 Wausau Quartz Co. Wausau, Wis.  
 Wedron White Sand Co., Wedron, Ill.  
 Whitehead Bros. Co., 537 W 27th, New York

### 12894—Sand Excavating & Screening Plants (Portable)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Sauerman Bros., Monadnock blk, Chicago, Ill.

### 12895— Sand (Filtering)

Cape May Sand Co., Cape May, N. J.  
 International Filter Co., 38 S Dearborn, Chicago, Ill.  
 National Dredging & Lighterage Co., Penna bldg, Phila., Pa.  
 New England Quartz Co. of N. Y., 107 William, New York



New York Continental Jewell Filtration Co., 15 Broad, New York  
 Portage Silica Co., Youngstown, O.  
 Steers Hy. Sand & Gravel Co., 17 Battery pl., New York  
 United States Silica Co., 122 S Michigan av., Chicago, Ill.  
*See adv index at end of book*  
 Wausau Quartz Co., Wausau, Wis.

**12896— Sand (Furnace)**

Berkshire Glass Sand Co., Cheshire, Mass.  
 Downer S. W., Downer, N. J.  
 Reynolds E. J. & Co., Utica, N. Y.  
 Tavern Rock Sand Co. (Fire & Furnace), 612 N 2d, St. Louis, Mo.  
 United States Silica Co., 122 S Michigan av., Chicago, Ill.  
*See adv index at end of book*  
 Utica Fire Sand Co., Utica, Ill.

**12897—Sand (Glass Makers')**

Acme Glass Sand Co., Coxville, Ind.  
 Berkshire Glass Sand Co., Cheshire, Mass.  
 Brennan J. T., Robinson, Md.  
 Central Silica Co., Zanesville, O.  
 Crystal Sand Co., Bridgeton, N. J.  
 Derry Glass Sand Co., Latrobe, Pa.  
 Downer S. W., Downer, N. J.  
 Kentucky Silica Co., Louisville, Ky.  
 Loogootee Glass Sand Co., Loogootee, Ind.  
 New England Quartz Co., of N. Y., 107 William, N. Y.  
 Oneida Lime Co., Ltd., Buffalo, N. Y.  
 Pennsylvania Glass Sand Co., 341 4th av., Pittsburgh, Pa.  
 Pittsburgh White Sand Co., Farmers' Bank bldg., Pittsburgh, Pa.  
 Product Sales Co. (Jobbers), 32 S Calvert, Baltimore, Md.  
 Reading Sand Co., Bridgeton, N. J.  
 Reynolds E. J. Sand Co., Utica, Ill.  
 Round Top Glass Sand Co., Hagerstown, Md.  
 Sonnhalter Sand & Stone Co., Massillon, O.  
 Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.  
 United States Silica Co., 122 S Michigan av., Chicago, Ill.  
*See adv index at end of book*  
 Utica Fire Sand Co., Utica, Ill.  
 Wedron White Sand Co., Wedron, Ill.  
 Winfield Sand & Mineral Co., 2nd National Bank bldg., Pittsburgh, Pa.

**12898— Sand (Granite)**

Combs Granite Co., Lithonia, Ga.  
 Monarch Mining Co., Culver av., Jersey City, N. J.

**12899—Sand Handling Plants**

Heyl & Patterson, 51 Water, Pittsburgh, Pa.  
**LINK-BELT CO.**, 39th & Stewart av., Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 McMyler-Interstate Co., Bedford, O.  
 Stephens-Adamson Mfg. Co., Aurora, Ill.

**12900—Sand (Molding or Foundry)**

*See also Foundry Facings & Supplies*  
 Albany Sand & Supply Co., Albany, N. Y.  
 Ayres Mineral Co., Zanesville, O.  
 Beach City Silica Sand Co. (Silica), Beach City, O.  
 Berkshire Glass Sand Co., Cheshire, Mass.  
 Buckeye Products Co., Cincinnati, O.  
 Cape May Sand Co., Cape May City, N. J.  
 Crystal Springs Sand Co., Canal Fulton, O.  
 Downer S. W., Downer, N. J.  
 Enterprise Sand Co., Fulton bldg., Pittsburgh, Pa.  
 Evers Jno., Waterford, N. Y.  
 Federal Foundry Supply Co., 2639 E 79th, Cleveland, O.  
 Garden City Sand Co., Chamber of Commerce bldg., Chicago, Ill.  
 Geauga Silica Sand Co., 367 Col. Arcade, Cleveland, O.  
 Gordon Sand Co., Inc., Conneaut, O.  
 Humphreys E. C. Co., Book bldg., Detroit, Mich.  
 Jackson Sand Mining Co., Jackson, O.  
 Keene H. A. (Molding), Hartman bldg., Columbus, O.  
 Kentucky Silica Co., Louisville, Ky.  
 Keystone Foundry Supply Co., Buffalo, N. Y.  
 Kiamensi Clay Co., Newport, Del.  
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.

Massillon Sand & Stone Co., Massillon, O.  
 Mont Alto Sand Co., Waynesboro, Pa.  
 National Sales Co., 31 E 13th, Cincinnati, O.

New England Quartz Co. of N. Y., 107 William, New York

Newport Sand Bank Co., Newport, Ky.  
 New York Sand & Facing Co., 106 Grand av., Brooklyn, N. Y.

Oliver Silica Sand Co., Massillon, O.  
 Oneida Lime Co., Ltd., Buffalo, N. Y.  
 Paxson J. W. Co., 1021 N Delaware av., Phila., Pa.

Peerless Sand Co., H. W. Oliver bldg., Pittsburgh, Pa.

Pettinos Bros., 25 Church, N. Y.

Pittsburgh White Sand Co. (Brick Molding Only), Farmers' Bank bldg., Pittsburgh, Pa.

Portage Silica Co. (Steel Casting), Youngstown, O.

Rapp A. C. Co., Phillipsburg, N. J.

Raritan Ridge Clay Co., Metuchen, N. J.

Reynolds E. J. Sand Co., Utica, Ill.

Round Top Glass Sand Co., Hagerstown, Md.

Sandusky Sand Co., Sandusky, O.

Silican Products Co., Lancaster, Pa.

Squier Ed. E. Co., Federal Reserve Bank bldg., St. Louis, Mo.

Standard Sand & Machine Co., 5150 St. Clair av., Cleveland, O.

Stevens Frederick B., 3d & Larned, Detroit, Mich.

Superior Sand Co., Cuyahoga bldg., Cleveland, O.

Tuscora Sand & Coal Co. ("Tuscora"), 719 Prospect, Hippodrome bldg., Cleveland, O.

United States Silica Co., 122 S Michigan av., Chicago, Ill.

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Utica Fire Sand Co. (Steel Molding & Core Sand), Utica, Ill.

Walker Sand Co., West Springfield, Pa.

Wausau Quartz Co., Wausau, Wis.

Wedron White Sand Co., Wedron, Ill.

Whitehead Bros. Co. (Albany, French, Fire, Core, etc), 537 W 27th, New York

**12900a—\*Sand (Painters' Colored)**

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

**12901— Sand (Pure White)**

Berkshire Glass Sand Co., Cheshire, Mass.  
 Raritan Ridge Clay Co. (Fine White & Yellow Kiln-Setting), Metuchen, N. J.  
 United States Silica Co., 122 S Michigan av., Chicago, Ill.  
*See adv index at end of book*

**12902— Sand (Sand Blast)**

Albany Sand & Supply Co., Albany, N. Y.  
 Cape May Sand Co., Cape May, N. J.  
 Downer S. W., Downer, N. J.  
 Hill & Griffith Co., 1248 State, Cincinnati, Ohio

Jackson Sand Mining Co., Jackson, O.

Kiamensi Clay Co., Newport, Del.

National Dredging & Litherage Co., Penna. bldg., Phila., Pa.

New England Quartz Co. of N. Y., 107 William, New York

Obermayer S. Co., 2563 W. Chicago, Ill.

Portage Silica Co., Youngstown, O.

Product Sales Co., 32 S Calvert, Baltimore, Md.

Squire Edw. E. Co., Federal Reserve Bank bldg., St. Louis, Mo.

United States Silica Co., 122 S Michigan av., Chicago, Ill.

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**UNITED STATES SILICA COMPANY**

122 SOUTH MICHIGAN AVENUE.

CHICAGO.

Whitehead Bros. Co., 537 W 27th, New York

**12903— Sand (Silica)**

Acme Glass Sand Co., Coxville, Ind.  
 Beach City Silica Sand Co., Beach City, Ohio

Bertolet & Hunter, Temple, Pa.

Central Silica Co., Zanesville, O.

Century Fuel Co., 328 W 37th, Chicago, Ill.

Doggett Stanley, 11 Cliff, New York

Downer S. W., Downer, N. J.

Everhard Co., Massillon, O.

Fox C. M., Ridgeway, Pa.

Franklin Silica Sand Co., Franklin, Pa.

Garden City Sand Co. (Also White), Chamber of Commerce bldg., Chicago, Ill.

Gray Summit White Sand Co., Boatmen's Bank bldg., St. Louis, Mo.

Greenville Silica Co., Greenville, Pa.

Humphreys E. C. Co., Book bldg., Detroit, Mich.

Illinois Valley Silica Co. (Crushed & Screened), Ottawa, Ill.

Jackson Sand Mining Co., Jackson, O.

Kentucky Silica Co., Louisville, Ky.

Massillon Sand & Stone Co., Massillon, O.

National Sand & Stone Co., Niles, O.

New England Quartz Co. of N. Y., 107 William, New York

Ohio Silica Co., East Liverpool, O.

Oliver Silica Sand Co., Massillon, O.

Oneida Lime Co., Ltd., Buffalo, N. Y.

Ottawa Silica Co. (Washed White Flint Sand), Ottawa, Ill.

Pennsylvania Glass Sand Co. (White Rock), 341 4th av., Pittsburgh, Pa.

Perth Amboy Fire Brick Co., 114 Liberty, New York

Pettinos Bros. ("Millville"), 25 Church, New York

Pittsburgh White Sand Co., Farmers' Bank bldg., Pittsburgh, Pa.

Portage Silica Co., Youngstown, O.

Red Wing Filter Sand Co., Red Wing, Minn.

Reynolds E. J. Sand Co. (White), Utica, Ill.

Silican Products Co., Lancaster, Pa.

Sonnhalter Sand & Stone Co., Massillon, Ohio

Squier Ed. E. Co., Federal Reserve Bank bldg., St. Louis, Mo.

Stewart-Peck Sand Co., Kansas City, Mo.

Summit Silica Co., Barborton, O.

Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.

U. S. Silica Co. (Washed White Flint Sand), 122 S Michigan av., Chicago, Ill.

*See adv index at end of book*

Wausau Quartz Co., Wausau, Wis.

Winfield Sand Co., 2d National Bank bldg., Pittsburgh, Pa.

**12904— Sand (Stone Sawing)**

Reynolds E. J. Sand Co., Utica, Ill.

Steers Hy. Sand & Gravel Co., 17 Battery pl., New York

Tavern Rock Sand Co., 612 N 2d, St. Louis, Mo.

Utica Fire Sand Co., Utica, Ill.

**12905—Sand Towers & Storage Tanks**

Link-Belt Co., 39th & Stewart av., Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila. Pa.

*See adv index at end of book*

Robertson Wm. & Co. ("Robertson," for Railroad Use; also Sand Dryers), 20 W. Jackson blvd., Chicago, Ill.

**12906— Sand Washers**

Atlas Engineering Co., Amherst, Ohio

*See adv index at end of book*

Bonney Supply Co., (Also Gravel) 371 St. Paul, Rochester, N. Y.

Dull Raymond W. Co. (Also Gravel), 111 Washington, Chicago, Ill.

Lewistown Foundry & Machine Co., Lewistown, Pa.

Link-Belt Co., 39th & Stewart av., Chicago, Ill. & Hunting Park av & P. & R. Ry., Pa.

*See adv index at end of book*

Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

Ransome Concrete Machinery Co., Dunellen, N. J.

Stocker Concrete Material Washer Co. (Also Gravel), Highland, Ill.

Webster Mfg. Co. (Complete Sand & Gravel Washing Plants), Tiffin, O.



**12907—Sand & Gravel Dealers**

Aetna Sand & Gravel Co., 7159 Normal, Chicago, Ill.  
 American Sand & Gravel Co., Chamber of Commerce bldg, Chicago, Ill.  
 American Sand & Gravel Co., Erie, Pa.  
 Arundel Sand & Gravel Co. (Washed Gravel & Sand), Pier 2 Pratt, Baltimore, Md.  
 Atlantic Coast Sand Co. (Sea Sand), 24 Stone, New York  
 Atlas Coal & Supply Co., Binghamton, N. Y.  
 Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*  
 Atlas Mixed Mortar Co., Ry. Exch. bldg, Portland, Ore.  
 Atwood-Davis Sand Co. (Producers), 112 W Adams, Chicago, Ill.  
 Balfour Quarry Co., Asheville, N. C.  
 Banner Coal & Sand Co., R. I. & Wabash & Euclid, St. Louis, Mo.  
 Barnes Sand & Gravel Co., Portsmouth, O.  
 Bedford & Nugent (Screened Ohio River), Evansville, Ind.  
 Blesanz Stone Co., Winona, Minn.  
 Bos John N., 118 N La Salle, Chicago, Ill.  
 Boston Sand & Gravel Co., 88 Broad, Boston, Mass.  
 Brookhaven Gravel Co., Brookhaven, Miss.  
 Brown Chas. R., Syracuse, N. Y.  
 Brown-Stone Store Co., Waltonville, Pa.  
 Buckeye Dredging Co. (Sand & Pea & Roofing Gravel), Kimball & Mitchell, Columbus, O.  
 Builders' Material Supply Co., Kansas City, Mo.  
 Bull Creek Sand & Gravel Co. (Washed Gravel & Sand), Columbus, Ga.  
 Bunker G. W. Co., Grand Rapids, Mich.  
 Burke Andrus Sand Co., Fort Smith, Ark.  
 Cadillac Sand & Gravel Co., Toledo, O.  
 Carmichael Wm. P. Co., Williamsport, Ind.  
 Carroll Bros., Ellicott sq, Buffalo, N. Y.  
 Carroll J. E. Sand Co. (Gravel Pit), Attica, N. Y.  
 Carroll Sand Co., White bldg, Buffalo, N. Y.  
 Cary Sand & Gravel Co., 127 N Dearborn, Chicago, Ill.  
 Chattanooga Sand & Supply Co., Chattanooga, Tenn.  
 Chicago Gravel Co., 343 S Dearborn, Chicago, Ill.  
 Citizens Sand & Gravel Co., Toledo, O.  
 Clarke Wm. Wirt & Son, Monument & Forrest, Baltimore, Md.  
 Columbia Granite & Dredging Corp., 3036 K. N W, Washington, D. C.  
 Concrete Stone & Sand Co., Youngstown, O.  
 Cook & Laurie Gravel Co., Montgomery, Ala.  
 De Frain Sand Co., Beach & Berks, Phila., Pa.  
 Des Moines River Sand & Gravel Co., Oskaloosa, Ia.  
 Dick Sand Co., Franklin, Pa.  
 Do Ville Lake Sand & Gravel Co., Toledo, Ohio  
 Elliott Cedar River Gravel Co., Seattle, Wash.  
 Empire Limestone Co., Hudson & Fourth, Buffalo, N. Y.  
 Erie Sand & Gravel Co., Erie, Pa.  
 Esson Sand & Gravel Co., 111 W Wash., Chicago, Ill.  
 Evansville Sand & Gravel Co. (Screened Ohio River), Evansville, Ind.  
 Everett Sand & Gravel Co., Everett, Wash.  
 Everhard Co., Massillon, O.  
 Fitzgerald J. W. Co., Savannah, Ga.  
 Flanagan-Zeller Brick & Mfg. Co., Kansas City, Mo.  
 Fleming Alfred J., 109 Broad, New York  
 Garden City Sand Co., Chamber of Commerce bldg, Chicago, Ill.  
 Ginn Co., Ironton, O.  
 Goodwin-Gallagher Sand & Gravel Corp., 61 B'way, New York  
 Greenville Gravel Co., Greenville, O.  
 Guadalupe River Navigation Co. (Washed & Screened), Victoria, Tex.  
 Halliday H. H., Cairo, Ill.  
 Harrison Bros. Co., Tacoma, Wash.  
 Homegardner Sand Co., Sandusky, O.  
 Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.  
 Independent Gravel Co. (Flint Mine Screenings), Webb City, Mo.  
 Ingram W. T., Jeffersonville, Ind.  
 Interstate Material Co., Davenport, Ia.  
 Iron City Sand Co., Bessemer bldg, Pittsburgh, Pa.  
 Janesville Sand & Gravel Co., Janesville, Wis.

Joliet Sand & Gravel Co., 343 S Dearborn, Chicago, Ill.  
 Keating J. L. Co., 323 E 38th, New York  
 Kelley Island Lime & Transport Co. (Washed Sand, etc), Cleveland, O.  
 Kickapoo Sand & Gravel Co., Attica, Ind.  
 King J. B. & Co., 17 State, New York  
 Kings Crown Plaster Co., Cedar Rapids, Ia.  
 Lake Erie Sand Co., Sandusky, O.  
 Lake Sand Co., 19 S La Salle, Chicago, Ill.  
 Lake Shore Sand & Gravel Co., Cuyahoga & W 3d, Cleveland, O.  
 Lawrence Sand Co., New Castle, Pa.  
 Lorain Sand & Gravel Co., Lorain, O.  
 Lyman Sand Co. (Sand Only), Omaha, Neb.  
 Meremec-Portland Cement & Material Co., St. Louis, Mo.  
 Mich. Portland Cement Paving Co., Detroit, Mich.  
 Miller Co., Marshallton, Ia.  
 Millwood White Sand Co. (White), Jackson, O.  
 Milwaukee Sand & Gravel Co., 779 N Water, Milwaukee, Wis.  
 Mont Alto Sand Co., Waynesboro, Pa.  
 Murray Jos. & Co. (Rockaway White Sand), 263 Av C, New York  
 Musterfield Sand & Gravel Co., Richmond, Va.  
 National Dredging & Lighterage Co., Penna. bldg, Phila., Pa.  
 New Lexington Sand Co., New Lexington, Ohio  
 O'Brien Bros., Inc. (Gravel), 54 South, New York  
 Ohio River Sand Co., Louisville, Ky.  
 Ohio & Mich. Sand & Gravel Co., Toledo, Ohio  
 Oklahoma Supply & Navigation Co., Muskogee, Okla.  
 Palmyra Sand Co., Palmyra, N. Y.  
 Pelee Island Sand & Gravel Co., 1800 Scranton rd, Cleveland, O.  
 Peoples Bros. (Bar. White & Washed), 25th & Calowhill, Phila., Pa.  
 Perry-Victoria Sand Co., Buffalo, N. Y.  
 Perth Amboy Fire Brick Co. (Building Sand), 114 Liberty, New York  
 Petersburg Sand & Gravel Corp., Petersburg, Va.  
 Phoenix Sand & Gravel Co., 17 State, New York  
 Pioneer Sand & Gravel Co. (Washed & Screened Sand & Gravel), Seattle, Wash.  
 Portage Silica Co., Youngstown, O.  
 Rapp A. C. Co., Phillipsburg, N. J.  
 Raritan Ridge Clay Co., Metuchen, N. J.  
 Richardson Sand Co., 6647 Ridge av, Chicago, Ill.  
 Richmond Sand & Gravel Co., Richmond, Va.  
 Ridgeway Sand Co., Oil City, Pa.  
 River Sand Co., Niagara Falls, N. Y.  
 Rock Island Sand & Gravel Co., Rock Island, Ill.  
 Rodgers Sand Co., Wood & Water, Pittsburgh, Pa.  
 Rosser Chas., Bellaire, O.  
 Savage-Scofield Co., Tacoma, Wash.  
 Seattle Sand & Gravel Co., Seattle, Wash.  
 Sherman-Moore Co., Lowell, Mass.  
 Silver Creek Sand Co., Silver Creek, N. Y.  
 Slider E. T. (Engine, Furnace, Concrete & Brick Sand and Concrete & Roofing Gravel), New Albany, Ind.  
 Smith Clarence L. Co., 30th & 11th av, New York  
 Somerset Stone Co., Johnstown, Pa.  
 Southern Paving Gravel Co., Savannah, Ga.  
 Southern Sand & Gravel Co., Richmond, Va.  
 Squier Ed. E. Co., Federal Reserve Bank bldg, St. Louis, Mo.  
 Star Sand Co., Board of Trade bldg, Portland, Ore.  
 Steers Hy. Sand & Gravel Co., 17 Battery pl, New York  
 Stewart-Peck Sand Co., 615 Amer. Bank bldg, Kansas City, Mo.  
 Superior Sand Co., Cuyahoga bldg, Cleveland, O.  
 Tecumseh Gravel Co., Tecumseh, Mich.  
 Thompson Warner R., Detroit, Mich.  
 Trenton Sand & Gravel Co., Trenton, O.  
 Union Sand & Material Co., International Life bldg, St. Louis, Mo.  
 U. S. Coal, Gravel & Sand Co., Baton Rouge, La.  
 Utica Fire Sand Co. (Furnace, Glass, Molding, Core, Sawing & Washed Fire Sand), Utica, Ill.  
 Vanderbilt E. D. Co., Hoboken, N. J.  
 Virginia Sand & Gravel Co., Petersburg, Va.

Warner Chas. Co. (Dredg & Shipper) I. O. O. F. bldg, Wilmington, Del.  
 Washed Sand & Gravel Co., 513 Lumber Exchange, Minneapolis, Minn.  
 Waterbury Sand & Gravel Co., Waterbury, Conn.  
 Waukesha Lime & Stone Co., Racine, Wis.  
 Webster Sand, Gravel & Construction Co. (Gravel Pit, etc), Lanesville, La.  
 Whidby Is. Sand & Gravel Co., Bellingham, Wash.  
 Whitehead Bros. Co., 537 W 27th, New York  
 Willapa Harbor Sand & Gravel Co., Raymond, Wash.  
 Wilson Sand & Supply Co., Huntington, W. Va.  
 Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.  
 Yahola Sand Co., Muskogee, Okla.

**12908-9—Sand & Gravel Heaters & Dryers**

See also Dryers, Various Kinds

American Blower Co., 1400 Russell, Detroit, Mich.  
 American Clay Machinery Co., S Walnut, Bucyrus, Ohio  
 American Process Co., 68 William, New York  
 Barber Asphalt Paving Co. ("Troquois"), Buffalo, N. Y.  
**BARTLETT C. O. & SNOW CO.**, French, Cleveland, O.  
*See adv index at end of book*  
 Coatesville Boiler Works, Coatesville, Pa.  
 Connery & Co., 2d & Luzerne, Phila., Pa.  
 Cummer F. D. & Son Co., The Arcade, Cleveland, O.  
 Dover Boiler Works; Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

### DIYAR PORTABLE SAND, STONE & GRAVEL HEATER

CUTS COST OF HEATING & DRYING 50%

Dyar Supply Co. ("Dyar"), Cambridge, Mass.  
 Handlan-Buck Mfg. Co. ("Champion"), 210-14 N 3d, St. Louis, Mo.  
 Honhorst Joseph Co. (Portable Gravel Dryers), 1016 W 6th, Cincinnati, O.  
 Indiana Foundry Co. ("Sutton" Dryer), Indiana, Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 MacLeod Co., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.  
 Punxsutawney Foundry & Machine Co. (Sand Dryers), Punxsutawney, Pa.  
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.  
 Robertson Wm. & Co. (Dryers), 20 W Jackson blvd, Chicago, Ill.  
 Ruggles-Coles Engineering Co. (Dryers), 48 Church, New York  
 Russell Daniel Boiler Works, 93 Boston, Boston, Mass.  
 Stuebner G. L. Iron Works, Queensboro Terminal, Long Island City, N. Y.  
*See adv index at end of book*  
 Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.  
 Union Iron Works, Hoboken, N. J.  
 Vissering Harry & Co. ("Vilvco"), 14 E Jackson blvd, Chicago, Ill.  
 Wellington Machine Co., Wellington, O.  
 Zelnicker Walter A. Supply Co., 325 Locust, St. Louis, Mo.

**Sand & Gravel Plants (Complete)**

See Sand Handling Plants

**12910—Sandals (Asphalt)**

Barber Asphalt Paving Co. ("Troquois"), Buffalo, N. Y.

**12911—Sanders (Automobile)**

Surface Grip Corp., 7 W German, Baltimore, Md.



**Sanders (Track)**

See Locomotive Sanders

**12912—Sap Stain Preventive****Church & Dwight Co.** ("Zenith," Anti-Sap Stain Powder), 80 Maiden Lane, New York**Mathieson Alkali Works** ("Eagle," "This-tle Brand" for Prevention of Sap-Stain or Bluing of Timber), 53 Canal, Providence, R. I.**12913—Saponifier****Penna. Salt Mfg. Co.**, Widener bldg. Phila., Pa.**12913a—\*Sarcophagi****GORHAM CO., ARCHITECTURAL BRONZE**, 5th av & 36th, New York  
See adv index at end of book**12914—Sash Balance Mfrs.****Caldwell Mfg. Co.**, Rochester, N. Y.  
**Coleman Hardware Co.** ("The Shumard"), 122 S Michigan av, Chicago, Ill.**Columbian Hardware Co.**, Cleveland, O.  
**Edwards O. M. Co.** (Railroad Car, also Tin Barrel Spring), Syracuse, N. Y.**Gardner Sash Pulley Co.**, 15 N Jefferson, Chicago, Ill.**McCord Mfg. Co.** (For Car Windows), Detroit, Mich.**National Lock Washer Co.**, 65 Johnson, Newark, N. J.**Pullman Mfg. Co.** (Unit Sash Balances), Rochester, N. Y.**Stearns E. C. & Co.** ("Vanderbilt") 450 Oneida, Syracuse, N. Y.**Steiner & Voegtly Hdw. Co.**, 230 Diamond, Pittsburgh, Pa.**12915—Sash Bars (Wood & Metal Combined)****Coulson J. W. & Co.**, Columbus, O.**12916—Sash Bolt & Support****Smith & Egge Mfg. Co.** ("Kings"), Bridgeport, Conn.**12917—Sash Bolts (Ventilating)****Gardner Sash Pulley Co.**, 15 N Jefferson, Chicago, Ill.**12917a—\*Sash Cord Mfrs. (Steel)****ROEBLING'S JOHN A. SONS CO.**, Main Office: Trenton, N. J. Works: Trenton & Roebing, N. J.  
See adv index at end of book**12918—\*Sash Cord Mfrs. (Steel Wire)****AMERICAN STEEL & WIRE CO.** (Tinned & Coppered), 208 S La Salle, Chicago, Ill. See adv index at end of book  
**Upson-Walton Co.**, 1294 W 11th, Cleveland, O.**12919—Sash, Door & Blind Mfrs.**

Firms who have no mark in front of Names and also those indicated by (\*) Star are Manufacturers; those indicated by a (†) Dagger are Dealers

**ALABAMA.****ANNISTON**—\*Houser Lumber Co.  
**BIRMINGHAM**—Jenkins Lumber Co.  
**CULLMAN**—\*Arnold Casper & Son  
**DECATUR**—\*Jervis Lumber Co.  
**ENSLEY**—\*Arnold Lumber Co.  
**FLORENCE**—\*Acme Lumber & Mfg. Co.  
**GADSDEN**—\*Southern Mfg. Co.  
**MOBILE**—\*Dixie Lumber Co.  
\*Turner F. C. & Co.**ARIZONA.****PHOENIX**—Southwestern Sash & Door Co.  
**TUCSON**—\*Arizona Lumber & Mill Co.**ARKANSAS.****BRINKLEY**—\*Brinkley Car Works & Mfg. Co.  
**FORT SMITH**—\*Dyke Bros.  
\*Kenney Bros. (Wholesale)  
\*Mechanics Planing Mill Co.  
**LITTLE ROCK**—Abeles C. T. & Co.  
**PINE BLUFF**—\*Sanders J. W.**CALIFORNIA.****ALAMEDA**—\*Plummer Geo. E. & Son  
**BAKERSFIELD**—\*Union Lumber Co.  
**BERKELEY**—\*Bruce Lumber & Mill Co.  
**EUREKA**—\*Eureka Sash, Door & Moulding Mills**FORTUNA**—Humboldt Milling Co.**FRESNO**—\*Madary Planing Mill**HEMET**—Spaulding H. H.**HOBART MILLS**—\*Sierra Nevada Wood & Lumber Co. (Wholesale)**LONG BEACH**—Dillman I. M.**LOS ANGELES**—\*Builders Supply Co.

\*California Door Co., 237 Central av

\*California Planing Mill &amp; Lumber Co.

**Consolidated Lumber Co.**, Central bldg

\*Crown Sash, Door &amp; Milling Co., 2416 McPherson

Duncan D. D. &amp; Co.

Graves Frank, Sash, Door &amp; Mill Co.

Kerckhoff-Cuzner Mill &amp; Lumber Co., 900 S Main

Koebig H. K. Lumber Co., 173 E Jefferson

\*Los Angeles Planing Mill Co.

\*Pacific Coast Planing Mill Co., 3310 S Main

Raphael H. Co. (Wholesale Dealers)

\*Southern California Hardwood &amp; Mfg. Co., 1430 S Alameda

\*Standard Door &amp; Sash Co., 636 W 36th pl

**NAPA**—\*Corlett Wm. H.**OAKLAND**—\*Burnham-Standeford Co., Wash'n c 1st

\*California Door Co., c 16th &amp; Wood

Pacific Coast Lumber &amp; Mill Co. (Redwood &amp; Oregon Pine, etc.), 2d c Grove

**PASADENA**—Kerckhoff-Cuzner Lumber Co.

\*Pasadena Mfg. Co.

**PETALUMA**—Camm & Hedges Co.**PLACERVILLE**—Beach S. G. & Sons**SACRAMENTO**—\*Burnett & Son**SAN DIEGO**—\*Russ Lumber & Mill Co.**SAN FRANCISCO**—California Door Co. (Wholesale Mfrs.), 43 Main

California Mill Co., 645 Bryant

California Sugar &amp; White Pine Co., 1st Nat'l Bank bldg

Eureka Sash, Door &amp; Moulding Mills, 1715 Mission

Hammond Lumber Co. (Wholesale Mfrs.), 25th &amp; Geo.

Huber &amp; Huber, 23 Spear

Sierra Nevada Wood &amp; Lumber Co.

Wilson Bros. &amp; Co., 325 Barry

**SAN JOSE**—\*Chase S. H. Lumber Co.

Hubbard &amp; Carmichael Bros.

\*Santa Clara Valley Mill &amp; Lumber Co. (Wholesale)

**SANTA ANA**—Griffith Lumber Co.

Pendleton S. H. Lumber &amp; Mill Co.

**SANTA BARBARA**—Union Mill Co.**SANTA CLARA**—Pacific Mfg. Co. (Wholesale Mfrs.)**SANTA ROSA**—Berka F.**STOCKTON**—Simpson Gray Lumber Co.

Stockton Lumber Co.

**WEED**—\*Weed Lumber Co. (California White Pine)**COLORADO.****COLORADO SPRINGS**—Newton Lumber & Mfg. Co.**DENVER**—English R. W. Lumber Co.

Hallack &amp; Howard, Lumber Co.

Sayre-Newton Lumber Co., 23d &amp; Blake

**GLENWOOD SPRINGS**—Glenwood Lumber & Mfg. Co.**PUEBLO**—King Investment & Lumber Co.

Newton Lumber &amp; Investment Co.

**CONNECTICUT.****BRIDGEPORT**—Burritt A. W. Co., Knowlton & Arctic

Miller Frank Lumber Co.

**DANBURY**—Armstrong I. & Co.

Foster Bros.

**GREENWICH**—Greenwich Sash & Door Co.**HARTFORD**—Andrews & Peck Co.**MERIDEN**—Morehouse Bros. Co.**MIDDLETOWN**—Loewenthal Gustav Co.**NEW BRITAIN**—Rogers Sash & Door Co.**NEW HAVEN**—Clark David H. Co., 166 Brewery

†Connecticut Sash &amp; Door Co., 248 Park

**Gibbud M. J. Co.**, 107 Water  
†Greer Lumber Co., 247 Kimberly av  
**Hawthorne Lewis Co.**  
Sperry & Amos Co.  
**NORWALK**—\*Malkin A. R. & Co.  
†Thompson Frederick W. Co.  
**NORWICH**—†Chappel Edw. Co.  
Crowell Fred C.  
\*Porter H. B. & Son  
**PUTNAM**—Wheaton Building Lumber Co.  
**STAMFORD**—St. John Wood Working Co.  
**TORRINGTON**—\*Hotchkiss Bros. Co.  
**WATERBURY**—Brass City Lumber Co.  
Smith J. E. & Co., 65 Benedict  
Waterbury Lumber & Coal Co., 107 Meadow  
**WILLIMANTIC**—†Hillhouse & Taylor**DELAWARE.****DOVER**—Hartnett J. A. & Bro.  
**GEORGETOWN**—Thoroughgood Co.  
**WILMINGTON**—\*Wilmington Sash & Door Co., Front & Madison**DISTRICT OF COLUMBIA.****WASHINGTON**—Barber & Ross, 11th & G., N W  
Barker Geo. M., 649 N. Y. av, N W  
Crupper Jos. L., 13th & Ohio av, N W  
Dyer William H., 13th c Ohio, N W  
Libbey F. B., 3018 K, N W  
Smith Thos. W., 1st & Indiana av, N W  
Washington Woodworking Co., 200 12th, N W**FLORIDA.****APALACHICOLA**—\*Marshall John & Co.  
**GREENVILLE**—Union Mfg. Co.  
**JACKSONVILLE**—Doscher-Gardner Co. (Br'ch of New York City)  
**Forsyth Street Planing Mills**  
Halseman Julian C. Mfg. Co.  
**OCALA**—Converse E. E.  
**PALATKA**—Selden Cypress Door Co. (Wholesale Mfrs.)  
**PLANT CITY**—Roux E. T. & Son  
**TAMPA**—Detwiler J. H.**GEORGIA.****AMERICUS**—Americus Construction Co.  
**ATLANTA**—Colcord Lumber Co.  
\*Phoenix Planing Mill  
†Williams S. A. Lumber Co.  
Willingham's E. G. Sons  
**AUGUSTA**—Augusta Lumber Co.  
**BURNT FORT**—Buie J. C.  
**CARROLLTON**—\*New D. F.  
**CARTERSVILLE**—Shaw L. F. & Sons Co.  
**CEDARTOWN**—Hightower Planing Mill  
**COLUMBUS**—Columbus Iron Works (Wholesale Mfrs.)  
Dudley Sash, Door & Lumber Co.  
Harvey W. T. Lumber Co.  
**CORDELE**—Cordele Sash, Door & Lumber Co.  
**DALTON**—Cherokee Mfg. Co.  
Farrar Lumber Co.  
**DUNWOODY**—Cheek J. U.  
**EAST POINT**—East Point Lumber Co.  
**GRIFFIN**—Gresham Mfg. Co.  
**LA GRANGE**—Pike Bros. Lumber Co.  
**LAWRENCEVILLE**—Ambrose J. A.  
**MCDONOUGH**—Carmichael Lumber Co.  
**MACON**—Central Mfg. Co.  
Massee & Felton Lumber Co.  
Willingham Sash & Door Co.  
**MARIETTA**—Black Builders Supply Co.  
**NEWMAN**—Cole R. D. Mfg. Co.  
**NORMAN PARK**—Butler, Horne & Co.  
**OCILLA**—Ocilla Planing Mill  
**ROME**—O'Neill Mfg. Co.  
**THOMASVILLE**—Kirby Planing Mill Co.  
**UNION CITY**—Gates Bros. Co.  
**VALDOSTA**—Valdosta Sash, Door & Variety Works  
**WASHINGTON**—Washington Mfg. Co.  
**WEST POINT**—Batson-Cook Co.**HAWAII.****HONOLULU**—Lewers & Cooke (Ltd.)**IDAHO.****BOISE**—Goreczky A.  
Ridenbaugh W. H.  
**COEUR D'ALENE**—Blackwell Lumber Co.



## ILLINOIS.

ALTON—\*Ginter-Wardein Co.  
Winter H. L. Mfg. Co.  
ANNA—Anna Lumber & Mfg. Co.  
AURORA—Johns & Brown Co.  
BELLEVILLE—Storck Geo. & Son  
Teufel-Kloess Co.  
BLOOMINGTON—\*Minter Mfg. Co.  
\*White Sam'l R. Mfg. Co.  
CHICAGO—\*Anderson & Lind Mfg. Co.,  
2127 Iowa  
Atchison Revolving Door Co., 53 W  
Jackson  
Avondale Sash & Door Co., 3515 Bel-  
mont av  
Bahe, Edward J., 1820 Austin av  
Bartelmann R. W. Co., 910 Weed  
Behrer & Benson, 1545 E 63d  
†Biggs A. Sash & Door Co., 4036 N  
California av  
Bleck Wm. F. Co., 1846 N Lamon  
av  
\*Builders' Mfg. Co., 828 Wells  
Builders' Supply Co., 2228 W Madison  
†Bursik & Krupka Co., 1919 S Fair-  
field av  
California Mfg. Co., 2243 S Troy  
\*Chicago Sash, Door & Blind Mfg.  
Co., 1249 W North av  
\*Commercial Sash & Door Co., 4914  
S Paulina  
Cottage Grove Mfg. Co., 3912 Langley  
av  
Curtis, Cornelius, 22d & Center av  
\*Dietsch A. Co., 2640 Sheffield av  
\*Dlouhy Vincent Sash & Door Co.,  
2138 Laflin  
†Dodge H. B. & Co., 332 S Mich. av  
Dreiske Wm. D., 3036 N Chicago av  
Ehrhart Louis & Son, 2415 Fullerton  
av  
\*Englewood Sash & Door Co., 5935  
Lowe av  
Filer Edw. T., 5503 Wash. bl  
Filip Meydrecht & Co., 1420 W 21st  
Foster-Munger Co. (Wholesale), 1404  
W 37th  
†Freese F. E., 3925 Armitage av  
\*Gardner Mill Co., 2415 Elston av  
\*Gauger John A. & Co. (Wholesale  
Mfrs.), 1434 W 22d  
Gillespie Jno. Lumber Co., W 22d &  
Laflin  
Gisselbrecht & Sator, 2025 N Mozart  
Gosch Bros. & Sons, 6436 Wentworth  
av  
Hartmann Sanders Co., 2155 Elston av  
\*Harty Bros. & Harty Co., 2100  
Loomis  
Hegener Rudolph Co., 9246 Harbor av  
Heitmann Lumber Co., 5852 S Ash-  
land av  
Hess Frank & Sons, 2339 N California  
av  
Hines Edw. Lumber Co., 2431 S Lin-  
coln  
Irving Park Sash & Door Co., 4254 N  
Crawford av  
Johnson Jno. L., 4250 Lincoln av  
King Patrick J., N Crawford av &  
Bloomingtondale  
Kraetzer Co., 1034 W 22nd  
Lincoln Sash & Door Co., 1916 S Lara-  
mee av  
\*Lockwood & Strickland Co., 49th &  
Halsted  
McEwen Building & Mfg. Co., 828  
Wells  
Manhattan Lumber Co., 8338 Coml. av  
Mears-Slayton Lumber Co., 1237 Bel-  
mont av  
Melrose Mill Co., 2707 Clybourn av  
\*Morgan Sash & Door Co. (Sash, Open,  
Glazed, Doors, Veneered Doors,  
Blinds & Shutters), 2287 Blue  
Island av  
Morris Wm. & Sons Co., 1000 W 50th  
\*Nollau & Wolff Mfg. Co., 1711 Fuller-  
ton av  
North Side Sash & Door Co., 1015 S  
California av  
Palne Lumber Co., (Ltd.) 111 W Wash  
Peterson C. E. Co., 4914 Wentworth av  
Pilsen Sash & Door Co., 2926 W 26th  
Radford Sash & Door Co., 1827 Prairie  
av  
Ringwald F. A., 39 S La Salle  
\*Rinn Philip Co., Division & Crosby  
Rittenhouse & Embree Co., 3500 S Ra-  
cine av  
\*Roberts Sash & Door Co., 920 W 20th  
Scheldt Mfg. Co., 4433 N Crawford av

Schroth & Ahrens Co., 1534 S Halsted  
Schultz Alfred F., 10220 Vinc av  
\*Skowronski W. J., 8201 Colfax av  
South Side Interior Finish Co., 5837  
Laflin  
\*Standard Sash & Door Co., 5821 S  
Racine av  
Struthers Mill Co., 3345 Grand av  
Ullrich August G., 3864 Archer av  
Union Interior Finish Co., 5319 S La  
Salle  
\*Von Platen & Dick Co., 2248 W Kin-  
zie  
Wabash Screen Door Co., 72 W Adams  
Wheelock Lumber & Mfg. Co., 1750 N  
Campbell av  
Whitmore O. S. & Co., 850 N Spauld-  
ing av  
Wilborn Jas. Jr., 2700 W Superior  
Wilson Jas. G. Mfg. Co., 332 S Mich. av  
Wright Chas. O., 3368 Elston av  
DANVILLE—Lamm Edw. C.  
DECATUR—Decatur Lumber & Mfg. Co.  
Lyon Geo. S. & Sons Lumber & Mfg.  
Co.  
DIXON—\*Derr A. S. & Co.  
ELGIN—\*Rinehimer Bros. Mfg. Co.  
FREEPORT—\*Dirksen R. D.  
HOOPESTON—Hoopston Planing Mill Co.  
JACKSONVILLE—Crawford Lumber Co.  
JOLIET—\*Alexander M.  
Hacker C. Co.  
Joliet Sash & Door Co.  
KANKAKEE—Paulissen Mfg. Co.  
LA SALLE—Hunter, Stevens & Co.  
LINCOLN—Hungerford P. B.  
MOLINE—Dimock, Gould & Co.  
NAPERVILLE—Schwartz Charles L.  
NORMAL—Metcalfe E. J.  
NORTH AURORA—Hartsburg & Hawksley  
Co.  
OAK PARK—Bedard & Morency Mill Co.  
OTTAWA—Sanders Bros. Mfg. Co.  
Sinnott Bros.  
PEKIN—Conklin-Reuling Co.  
PEORIA—Best Mfg. Co.  
Rogers Jas. T. & Co.  
Rothan Geo. J.  
Todhunter & Edmondson Co.  
Wahlfeld Mfg. Co.  
PERU—Maze W. H. Co.  
QUINCY—Menke-Grimm Planing Mill Co.  
Schutte Henry Sons  
ROCKFORD—Rockford Builders' Supply  
Co.  
ROCK ISLAND—Rock Island Sash & Door  
Works  
Rock Island Wood Works  
Volk Jno. & Co.  
SPRINGFIELD—Power Chas. A.  
STREATOR—Schlachter Philip Jr.  
WAUKEGAN—Dow William H. Mfg. Co.  
WEST CHICAGO—West Chicago Sash &  
Door Mfg. Co.

## INDIANA.

ANDERSON—Atherton M. Sons  
Salling N. P.  
BERNE—Berne Lumber Co.  
Gilliom Lumber Co.  
BLOOMINGTON—Fulwider W. A. Co.  
Lanum S. O. Planing Mill Co.  
BOONVILLE—White C. P. Lumber Co.  
BRAZIL—Halstead J. N. Lumber Co.  
Wildner E. D. & Co.  
BROOKVILLE—Fieber & Holmes  
CANNELTON—Cannelton Planing Mill Co.  
COLUMBUS—Dunlap & Co.  
Hege & Co.  
CRAWFORDSVILLE—Smith & Duckworth  
DECATUR—Kirsch Peter  
ELNORA—Meicheimer G. T.  
EVANSVILLE—Cottage Building Co.  
Evansville Planing Mill Co.  
Evansville Sash & Door Co. (Whole-  
sale Mfrs.)  
McFerson & Foster Co.  
Mechanics' Planing Mill Co.  
Rechtin T. E.  
FORT WAYNE—\*Fort Wayne Builders  
Supply Co.  
Fort Wayne Lumber Co.  
Rhinesmith & Simonson  
FRANKFORT—Deming & Thompson Co.  
Kramer Bros. Co.  
GARRETT—Allman N. R. & Sons  
GOSHEN—Goshen Sash & Door Co.  
GREENCASTLE—Grubb Geo. W.  
HUNTINGTON—Kenower John & Sons  
INDIANAPOLIS—Adams-Rogers Co.  
\*Balke & Krauss Co.  
Brannum-Keene Lumber Co.  
Capitol Lumber Co.  
Carter-Lee Lumber Co.  
\*Dynes-Pohlman Lumber Co.

Eaglesfield & Shepard  
Foster R. S. Lumber Co.  
Greer-Wilkinson Lumber Co. (Whole-  
sale Mfrs.)  
Indianapolis Mfrs' & Carpenters'  
Union  
†Maas-Neimeyer Lumber Co.  
JASPER—Schaaf & Schnaus  
KOKOMO—Armstrong, Landon Co.  
\*Moore & Danner  
LADOGA—\*Huntington & Son  
LAFAYETTE—\*Lafayette Lumber Co.  
LA PORTE—\*La Porte Sash & Door Co.  
LEBANON—Campbell-Smith-Ritchie Co.  
LEWISVILLE—Smith R. R. Sons  
LOGANSPOUT—Parker & Johnston  
MICHIGAN CITY—Root Mfg. Co.  
NEW PALESTINE—\*Madison Jas.  
NORTH VERNON—\*Miller J. H.  
PRINCETON—Ford Lumber Co.  
RICHMOND—Louck & Hill Co.  
SEYMOUR—Carter, Travis Co.  
Seymour Planing Mill Co.  
SOUTH BEND—Donahue J. E. Lumber Co.  
Eckler Henry Mfg. Co.  
Indiana Lumber & Mfg. Co.  
McErlain & Jackson Co.  
TELL CITY—\*Tell City Planing Mill  
TERRE HAUTE—Kintz P. C. & Sons  
VALPARAISO—\*Bell E. A.  
WABASH—Smith Hubbard Lumber Co.  
WARSAW—Peterson Lumber Co.  
WASHINGTON—Cosby Overton M.  
\*McKernan Hugh

## IOWA.

BOONE—Wester S. J. Mfg. Co.  
BURLINGTON—Nairn, Gillies Co. (Whole-  
sale Mfrs.)  
CALMAR—Calmar Mfg. Co.  
CEDAR FALLS—Weisbard C. C.  
CEDAR RAPIDS—Cedar Rapids Sash &  
Door Co.  
Disbrow Sash & Door Co. (Wholesale  
Mfrs.)  
Williams & Hunting Co. (Sash &  
Mouldings)  
CHARLES CITY—\*Smith George P. Co.  
CLINTON—Curtis Bros. & Co. (Wholesale)  
DAVENPORT—Gordon, Vantine Co.  
\*McClelland T. W. Co. (Sash & Doors  
Only)  
\*Stelling P. J. & Co.  
DES MOINES—Carr & Baal Co. (Whole-  
sale Mfrs.)  
Loetscher & Burch Mfg. Co.  
DUBUQUE—\*Carr-Ryder & Adams Co.  
(Whol.)  
Farley & Loetscher Mfg. Co. (Whole-  
sale Mfrs.)  
Metz Mfg. Co.  
KEOKUK—Carter-Phelps Mfg. Co.  
Garmo Co.  
MUSCATINE—Huttig Mfg. Co. (Whole-  
sale)  
\*Roach & Musser Co. (Wholesale  
Mfrs.)  
OTTUMWA—\*Snook & Sons  
SIOUX CITY—\*Curtis Sash & Door Co.  
(Wholesale Mfrs.)  
WATERLOO—Nauman Co.

## KANSAS.

ARKANSAS CITY—Arkansas City Veneer  
& Box Co.  
\*Armourdale Lumber & Supply Co.  
†Bruce J. B. Lumber Co., 18th &  
Minn av  
ATCHISON—Carlise-Pennell Lumber Co.  
Kaaz Mfg. Co.  
FORT SCOTT—Ireland & Rollings  
HUTCHINSON—Hutchinson Lumber &  
Planing Mill Co.  
\*Snyder Co.  
INDEPENDENCE—Uhrich Planing Mill  
Co. (Special Contracts)  
LEAVENWORTH—Goodjohn Sash & Door  
Co.  
TOPEKA—Agard Planing Mill  
\*Central Sash & Door Co.  
Horn E. Co.  
WICHITA—\*United Sash & Door Co.  
\*Wichita Sash & Door Co.

## KENTUCKY.

BOWLING GREEN—\*Kister F. L., Jr.  
Roemer Bros.  
COVINGTON—Brownfield Jas. A., 33 W  
8th  
Hellmann Lumber & Mfg. Co.  
FRANKFORT—\*Choate Robert  
GLASGOW—New Glasgow Planing Mill  
Co.



HENDERSON—Johnson P. P. & Son  
HOPKINSVILLE—\*Forbes Mfg. Co.  
LEXINGTON—Jackson J. T.  
\*Spottswood E. R. & Son  
LOUISVILLE—\*Central Planing Mill &  
Lumber Co.  
Frey Planing Mill Co.  
Hughes E. L. Co.  
\*Hughes W. J. & Sons Co.  
\*Struck Alfred Co. (Wholesale Mfrs.).  
MOUNT STERLING—Star Planing Mill Co.  
NEWPORT—\*Voss Frank  
\*Weingartner's Joseph Sons  
PADUCAH—Langstaff-Orm Mfg. Co.

## LOUISIANA.

ALEXANDRIA—Caddo Rapides Lumber  
Co. (Ltd.)  
Hayslip & Dear  
LUTCHER—\*Lutcher & Moore Cypress  
Lumber Co. (Ltd.) (Wholesale  
Mfrs.)  
NEW IBERIA—\*Trainor's O. J. Son  
NEW ORLEANS—\*Algiers Mfg. Co., Ltd.  
300 Morgan  
\*American Mfg. Co. 2101 Louisiana  
\*Berwick Lumber Co. (Ltd.), Clio &  
Freret  
Claiborne Avenue Sash Factory Co.,  
2460 N Claiborne  
\*Crescent City Mfg. Co. (Ltd.), Mon-  
tagut & Marais  
\*Lagasse Paul, 826 9th  
\*National Sash & Door Co., N Dupre  
& Carondelet Wlk.  
New Orleans Sash & Door Co., 826  
Perdido  
PATTERSON—Riggs Cypress Co. (Ltd.)  
(Cypress) (Wholesale Mfrs.)  
SHREVEPORT—\*Allen Mfg. Co. (Ltd.)  
\*Hardman C. C. Co.  
Roberts-Brown Lumber Co. (Ltd.)  
Victoria Lumber Co. (Ltd.)  
WEST MONROE—West Monroe Mfg. Co.  
(Ltd.)

## MAINE.

BATH—\*Passmore H. T.  
BELFAST—\*Durham J. C. Co.  
\*Mathews Bros.  
BERWICK—\*Nutter J. C.  
CAMDEN—\*Camden Lumber Co.  
DEXTER—Eldridge Bros.  
PORTLAND—\*Berlin Mills Co.  
†Farnham H. F. Co., R. R. Wharf

## MARYLAND.

BALTIMORE—Baltimore Lumber Co., 1131  
Watson  
\*Balto Sash & Door Co. (Wholesale  
Mfrs.), Howard & West  
\*Dorsey Wm. C., Highland av &  
Phila. rd  
\*Duker Otto & Co., Fleet & Albemarle  
†Foster James P. & Co., 115 S Fred-  
erick  
Gilbert J. L. & Bro. Lumber Co., East  
Falls & Eastern avs  
Hanneman Aug., Milton av & Monu-  
ment  
Heise & Bruns Mill & Lumber Co., 600  
S Caroline  
†Keen W. F. & Co., 4317 York rd  
Lafayette Mill & Lumber Co., La-  
fayette av & P. B. & W. R. R.  
Mottu Theo. & Co., 1022 Penna av  
Scherer Wm. C. & Co., 810 W Balto  
Short John H. & Sons, 5 Uhler  
Thomas Jos. & Son, 836 Leadenhall  
Tinley Bros. Co., Bush & Nanticoke  
Wagner Lewis Co., Wolfe & Thames  
Waters Geo. E. & Co., 922 Park av  
CHESTERTOWN—\*Culp W. S. & A. M.  
CUMBERLAND—†Cumberland Sash &  
Door Co.  
ELKTON—†Keys & Miller Lumber Co.  
FREDERICK—Bowers W. D. Lumber Co.  
Wilcoxon & Brown  
HAGERSTOWN—Danzon Lumber Co.  
HAVRE DE GRACE—†Dubois Jno. E.  
LAUREL—†Shaffer C. F. Lumber Co.  
LUKE—\*Sieler Wm. T.  
SALISBURY—\*Adkins E. S. & Co.  
Salisbury Woodworking Co.  
†Williams L. E. & Co.  
SNOW HILL—†Corddry Co.

## MASSACHUSETTS.

ADAMS—†Arnold Wm. H.  
†Holden M. J. Lumber Co.  
ATHOL—\*Raymond Alfred J.  
\*Tyler A. F. Co.  
AYER—†Phelps Levi W.  
BARRE PLAINS—\*Rich T. E. Co.

BOSTON—\*Brockway-Smith Corp., 98  
Canal  
†Carlisle-Ayer Co., 42 Washington, N  
†Carlisle E. A. & Pope Co., 98 Canal  
\*Chapman H. B. Co., 81 Bristol  
\*Cutter & Smith Co., 2176 Washington,  
Rox.  
\*D'Arcy & Sons Co., 61 Washington, N  
†Ellms H. E. & Co., 22 Washington, N  
\*Farrell C. H. & Co., 6 Northampton  
†Hastings A. W. & Co., 134 Friend  
†Jackson & Newton Co., 105 Portland  
\*Johnson Thos. J. & Co., 896 Wash-  
ington  
\*Newton F. C., 57 Bristol  
\*STEARNS, A. T. LUMBER CO., 100  
Taylor, Neponset  
See adv index at end of book  
\*West End Sash Co., 51 Beverly  
BROCKTON—†Mitchell Isam & Co.  
†Taunton Lumber Co.  
CLINTON—\*Fuller Wm. A.  
†Howe N. L.  
FALL RIVER—†Borden, Cook & Co.  
†Neill Joseph O. Hardware Co.  
†Prosser Wm. & Son  
FITCHBURG—†Lawrence Harry A. & Co.  
†Priest C. A. Lumber Co.  
†Webber Lumber & Supply Co.  
GARDNER—†Favor Frank M.  
GLOUCESTER—†Nauus L. B. Sons  
HAVERHILL—†Chase D. D. Lumber Co.  
†McGratty & Wheeler  
HINGHAM—Whitney Everett E.  
HOLYOKE—\*Ely Lumber Co.  
\*Merrick Lumber Co.  
\*Ranger Casper Lumber Co.  
HUDSON—†Robertson & Larkin  
HYDE PARK—†Hodgkinson J. & Son  
LAWRENCE—\*Briggs & Allyn Mfg. Co.  
†Lawrence Lumber Co.  
LOWELL—†Bennett J. C.  
\*Pratt Amasa Co.  
LYNN—\*Brockway-Smith Corp'n  
†Hutchinson Lumber Co.  
MALDEN—†Kaulbach W. S.  
†Malden City Lumber Co.  
MARBLEHEAD—\*Bowden Thos. J. & Son  
MIDDLEBORO—†Sears Lumber Co.  
NATICK—Fiske & Co.  
NEW BEDFORD—\*Blossom Bros.  
\*Greene & Wood  
†Nicholson John G.  
†Sherman James L.

NORTH ADAMS—\*Dibble (The), S B  
Lumber Co.  
NORTHAMPTON—†Merrick Lumber Co.,  
Merrick la  
PITTSFIELD—†Berkshire Lumber Co.  
\*Blakeslee Lumber Co.  
\*Faulkner Lumber Co.  
†Ferry C. S. & Son  
PLYMOUTH—†Atwood Robbins Lumber  
Co.  
†Robbins L. T. Lumber Co.  
PROVINCETOWN—†Dyer B. H. & Co.  
SOMERVILLE—†Davenport-Brown Co.  
SOUTH HADLEY—\*Howard, Gaylord &  
Co.  
SOUTH HADLEY FALLS—†Street Lum-  
ber Co.  
SPRINGFIELD—†Decker E. S.  
\*Hampden Lumber Co.  
\*Walker T. M. Co.  
TAUNTON—†Sanders Lumber Co.  
\*Williams A. G. & Co.  
TURNERS FALLS—†Bartlett Joseph F.  
WAREHAM—†Gifford Prince  
WEBSTER—†Pattison Louis E.  
WESTFIELD—†Merrick Lumber Co.  
WILLIAMSTOWN—†Moore Fred'k E.  
WORCESTER—Adams & Powers  
Hatch & Barnes  
Stevens F. O.

## MICHIGAN.

ALBION—†Wilder S. A. & Son  
ALPENA—\*Gebhardt, Morrow & Co.  
ANN ARBOR—\*Lulick Bros. & Co.  
BATTLE CREEK—†North & Strong  
\*Rathbun & Kraft Lumber & Coal Co.  
BAY CITY—\*Lamont Matthew Sons Co.  
Lewis Mfg. Co.  
Wolverine Lumber Co.  
BIG RAPIDS—\*Jones & Green  
BRIGHTON—†Hyne F. T. & Son  
CADILLAC—Cadillac Lumber Co.  
Haynes Bros. Co.  
CALUMET—\*Armstrong-Thielman Lumber  
Co.  
CHARLEVOIX—\*Charlevoix Lumber Co.  
CHEBOYGAN—\*Cheboygan Mfg. Co.  
COLDWATER—†Pollock S. & Son

DETROIT—Armstrong A. R., 145 E Willis  
\*Revster John, 875 W Fort  
De Man Bros. Co., 416 Maybury av  
Frohlich Edw. Glass Co.  
\*Hertz & Hosbach Co., 4th & Holden  
\*Huebner Mfg. Co.  
\*Hurd W. F. Co., 200 Campbell av  
\*Japes Frank Co., 8th & Plum  
\*Kotcher C. W., 649 Gratiot av  
\*Lowrie & Robinson Lumber Co., 2569  
Jefferson av W  
\*Munroe Wm. Co., 994 Scotten av  
\*Sibley F. M. Lumber Co.  
\*Weber J. F. & Co., 304 Gratiot av  
FLINT—†Randall Lumber & Coal Co.  
FOSTER CITY—\*Morgan Lumber & Cedar  
Co. (Sash, Open, Glazed, Doors,  
Veneered Doors, Blinds & Shut-  
ters)  
GRAND RAPIDS—Edge & Brethour  
Grand Rapids Lumber Co. (Wholesale  
Mfrs.)  
Jettes, Stuck & Co.  
Letellier F. & Co.  
Stiles Bros. Co.  
HARBOR BEACH—\*Wellock Robinson  
HOUGHTON—\*Pryor James & Son  
IRON MOUNTAIN—†City Lumber Yard  
KALAMAZOO—\*Dewing & Sons  
LANSING—\*Rikerd Lumber Co.  
LUDINGTON—†Cartier A. E. Sons Co.  
\*Widmark H. P. & Son  
MARCELLUS—\*Hoover H. J.  
MARINE CITY—†Zimmerman Bros.  
MENOMINEE—†Gibout L. E.  
\*Kartheiser Frank  
MONROE—†Beck C. F. & Son Co.  
MUSKEGON—\*Langeland Mfg. Co.  
NADEAU—\*Jean Augustine  
OWOSSO—†Sturtevant & Blood Co.  
PAW PAW—Free, Hall & Mutchler  
PONTIAC—Pontiac Planing Mill Co.  
Slaters Construction Co.  
PORT HURON—†Boyce Hardware Co.  
\*Home Mfg. Co.  
ST. CLAIR—\*Mills N. Lumber & Mfg. Co.  
ST. JOSEPH—†Wallace Jno. Sons Co.  
SAGINAW—Booth & Boyd Lumber Co.  
Hardin D. Co.  
Jackson Thos. & Co. (Ltd.)  
Mershon John D. Lumber Co.  
Polson Wm. & Co.  
SAULT SAINT MARIE—\*Lock City Mfg.  
Co.  
SEBEWAING—\*Sebewaing Lumber &  
Mfg. Co.  
SHELBY—†Rankin A. J.  
SPRINGPORT—†Hoag & Houseman  
TRAVERSE CITY—\*Greilick Mfg. Co.  
WALDRON—\*Abbaduska E. T.

## MINNESOTA.

ADRIAN—†Shull J. & W. C.  
BLOOMING PRAIRIE—†Solberg A. Lum-  
ber Co.  
CLOQUET—\*Cloquet Lumber Co.  
†Fish Hardware Co.  
†Loisel Jos.  
\*Northern Lumber Co.  
DULUTH—Baxter Sash & Door Co.  
Duluth Lumber Co.  
Scott-Graff Lumber Co. (Wholesale  
Mfrs.)  
\*Wallinder E. G.  
\*Woodruff Lumber Co.  
FERGUS FALLS—\*Fergus Mfg. Co.  
FRANKLIN—†Hauser Lumber Co.  
MINNEAPOLIS—\*Bardwell-Robinson Co.,  
24th av N & 2nd  
\*Bintner & Lawson, 160 Western  
Bruer Bros. & Co., 2814 Lyndale av S  
\*Carlson Aaron, 15th av nr Central av  
Carr-Cullen Co., 10th av N E & Mar-  
shall  
City Sash & Door Co., 132 E Lake  
Fulton C. K. & Co., 1428 2nd St. N  
Hennepin Sash, Door & Lumber Co.,  
Emerson av & 29th  
\*Johnson H. S. Co., 18th av e Marshall  
Johnson M. L. & Sons, 18th av N E  
& Marshall  
\*Kuhn Sash & Door Co., 204 N E 7th  
Luce Bros., 214 19th av N  
†McDonald John F. Lumber Corp.,  
Lumber Exchange  
\*Minneapolis Sash & Door Co., 962  
Central av, N. E.  
Nicollet Sash & Door Co., 2900 Nicol-  
let av  
†North Side Sash & Door Co., 2328  
N 2nd  
Radford & Wright Co., 528 Lumber  
Exchange  
\*Simonsen Bros Mfg. Co. 1713 S 7th  
Smith Sash & Door Co., 132 E Lake



\*Smith & Wyman Co., 2d av & 8th  
 \*Union Sash & Door Co., 213 S 8th  
**Wheeler-Osgood Co., 847 Second Bank bldg**  
 \*Wilcox Bros. Lumber Co., 930 Marshall N E  
 MORRIS—†Jones Edw. J. Lumber Co.  
 RED WING—\*Betcher Chas. Lumber Co.  
 ROCHESTER—†Dodge Lumber & Fuel Co.  
 ST. CLOUD—\*Dunnerwold & Sartell  
 Foltmer Peter  
 \*Wright F. M.  
**ST. PAUL—\*Brooks Bros., 1923 University av**  
 †Hardwood Door Co., 160 W 5th  
 \*Osgood & Budgett Mfg. Co., Duluth av & E 7th  
 \*Villaume Box & Lumber Co., Chicago, Indiana avs & Walter  
 SAUK CENTER—Independent Lumber & Coal Co.  
 SOUTH STILLWATER—Anderson Lumber Co.  
 STILLWATER—\*St. Croix Timber Co.  
 \*Stillwater Mfg. Co.  
 THIEF RIVER FALLS—\*Thief River Falls Lumber Co.  
 WARREN—†Robertson Lumber Co.  
 WINONA—\*Schroth & Ahrens Co. (Wholesale Mfrs.)

## MISSISSIPPI.

CORINTH—†Pocahontas Lumber Co.  
 JACKSON—\*Cambre Bros.  
 \*Enochs Lumber & Mfg. Co.  
 †Jackson Lumber Co.  
 MERIDIAN—\*Bostick Lumber & Mfg. Co.  
 VICKSBURG—\*Curphey & Mundy  
 †Mississippi Lumber Co.  
 \*Spengler S.

## MISSOURI.

BOWLING GREEN—†La Crosse Lumber Co.  
 BUTLER—Logan-Moore Lumber Co. (See Kansas City)  
 Wyatt H. C. & Son  
 CANTON—Canton Lumber Co.  
 CARTHAGE—\*Home Lumber Co.  
 †Thomas B. F. Lumber Co.  
 FARMINGTON—\*Doughty D. J.  
 †Lang & Bro. Mfg. & Merc. Co.  
 FREDERICKTOWN — †Fredericktown Lumber Co.  
 GLASGOW—\*Rall Bros.  
 HANNIBAL—Conlon John J.  
 \*Meyer J. F. Mfg. Co.  
 KANSAS CITY—\*American Sash & Door Co. (Wholesale Mfrs.)  
 †Badger Lumber Co., 3401 E 15th  
 †Byrne J. M. Lumber Co.  
 Clark & Bates Lumber Co., Commerce bldg  
 †Deatherage Lumber Co., R. G. Long bldg.  
 †Dierks Lumber & Coal Co., Gates bldg.  
 †Dierks & Sons Lumber Co., 198 Woodlost av  
 Federal Sash & Door Co., 18th & Wabash av  
 †Foster Lumber Co., R. A. Long bldg  
 †Lee & Lyman Lumber Co., 2425 E 18th  
 Logan-Moore Lumber Co.  
 \*Lovejoy Planing Mill Co., 823 E 17th  
 †Merrill J. W. Lumber Co., S W blvd & Summit  
 †Shutter S. Z., 25th c Grand  
 Weis Henry Cornice Co. (All Steel)  
 \*Western Sash & Door Co. (Wholesale Mfrs.)  
 LEBANON—†Lingsweller J. G. Lumber Co.  
 LOCKWOOD—†Eaton W. R. Lumber Co.  
 LOUISIANA—La Crosse Lumber Co.  
 MOBERLY—†Mounce D. H. & Co.  
 NEVADA—†Robinson J. B. & Son  
 ST. JOSEPH—†Badger Lumber Co.  
 †Biles N. D. & Co.  
 †Dougherty & Moss Lumber Co.  
 †Nold C. H. Lumber Co.  
 †St. Joseph Lumber Co.  
 ST. LOUIS—\*Banner Sash & Door Co., 8025-27 S B'way  
 \*Carondelet Planing Mill Co., 5826 S B'way  
 \*Crescent Planing Mill Co., 3227 N 9th  
 \*Gaus Henry & Sons Mfg. Co., Main & Clinton  
 \*Gravois Planing Mill Co., Minnesota & Juniata  
 \*Hafner Mfg. Co. Main & Dock  
 \*Huttig Sash & Door Co. (Wholesale Mfrs.)

\*Imse-Schilling Sash & Door Co., 21st & Papin  
 Lohse Patent Door Co.  
 \*Maplewood Planing Mill & Stair Co., 2718 Sutton av  
 \*Olcott Chas. A. Planing Mill Co., 3300 N B'way  
 \*Reed & Steeger Sash & Door Co., 4211 Chippewa  
 Riddle-Rehbein Mfg. Co., 13th & O'Fallon  
 \*St. Louis Lumber Co., 2509 S B'way  
 \*St. Louis Mill Works Supply Co., 2714 La Salle  
 \*St. Louis Sash & Door Works, B'way & Destrehan  
 \*Theilling-Lothmann Mfg. Co., 3810 N 9th  
 Thomsen Chas. Planing Mill Co., 1700 Vandeventer av  
 \*Thuener Chas. Planing Mill Co., Prairie & Lucky  
 SPRINGFIELD—\*Davis Planing Mill Co.  
 †Hatton I. E., Lumber & Supply Co.

## MONTANA.

ANACONDA—\*Anaconda Copper Mining Co.  
 BILLINGS—†Billings Lumber & Coal Co.  
 BUTTE—Carroll J. T. Lbr. Co.  
 Western Lumber Co.  
 KALISPELL—KalisPELL Lumber Co.  
 \*McMannamy Wm. P.  
 MISSOULA—\*Missoula Lumber Co.  
 RED LODGE—†Bowlen Chas. C.

## NEBRASKA.

BEATRICE—\*Thistlewait Bros.  
 FREMONT—Reckmeyer W. R.  
 HASTINGS—\*Central Nebraska Millwork Co.  
 \*Enterprise Planing Mill Co.  
 Harrison Planing Mill Co.  
 \*Schaaf Mfg. Co.  
 KEARNEY—†Gilcrest F. H. Lumber Co.  
 LINCOLN—\*Curtis Towle & Paine Co. (Wholesale Mfrs.)  
 Searle & Chapin Lumber Co.  
 OMAHA—Adams & Kelly Co.  
 Bloom Alfred Co.  
 Disbrow M. A. & Co.  
 Omaha Planing Mill Co.  
 Omaha Wood Working Co.  
 SOUTH OMAHA—†Bradford Louis Lumber Co.  
 †Howland E. H. Lumber & Coal Co.  
 †Watkins J. B. & Co.

## NEVADA.

VERDI—\*Verdi Lumber Co.

## NEW HAMPSHIRE.

CENTER OSSIPEE—\*Smart C. E. & H. P.  
 CONCORD—\*Carpenter Wellington  
 †Drake Clifton W.  
 FARMINGTON—†Mooney Frank E.  
 GOFFSTOWN—Kendall Hadley & Co.  
 KEENE—\*Nims, Whitney & Co.  
 LAKEPORT—†Boullia-Gorrell Lumber Co.  
 LANCASTER—†Smith Frank & Co.  
 \*Thompson Mfg. Co.  
 LEBANON—\*Spencer Bros.  
 LITTLETON—†Littleton Lumber Co.  
 MANCHESTER—†Derryfield Co.  
 \*Hodge J.  
 †Hubbard Sash, Door & Lumber Co.  
 NASHUA—\*Gregg & Son  
 PENACOOK—†Rolf C. M. & A. W.  
 ROCHESTER—†Rochester Lumber Co.

## NEW JERSEY.

ASBURY PARK—\*Asbury Park Mill Co.  
 \*Buchanan & Smock Lumber Co.  
 ATLANTIC CITY—\*Somers Lumber Co.  
 RAYONNE—Prospect Planing Mill Co.  
 BELLEVILLE—Carragher F. J.  
 ROGOTA—\*Wolfe J. N.  
 BRIDGETON—\*Loper Eli & Son  
 BURLINGTON—\*Severns J. T. Sons & Co.  
 CAMDEN—\*Coles C. B. & Sons Co.  
 \*Cooper Wm. J. & Co.  
 †Fredericks Wm. H.  
 EAST ORANGE—\*Curtis Bros.  
 ELIZABETH—\*Elizabeth Sash, Door & Supply Co  
 FRENCHTOWN—†White Charles  
 GRANTWOOD—Grantwood Moulding & Trim Co.  
 GUTTENBERG—Cade John R. & Son  
 HACKENSACK—†Young Frank

HOBOKEN—Davis-Speyer Co.  
 \*Gahagan's J. Sons  
 †Kortlang Charles  
 HOMESTEAD—Hollingshead-Kernan Co.  
 IRVINGTON—Schill Fred'k & Co.  
 JERSEY CITY—\*Barnes Mfg. Co., W End  
 \*Heller C. Sons, 49 Cambridge av  
 Hoe Richard J. C., 78 Lake  
 \*Prospect Sash Door Co., 137 Palisade av  
 \*Summit Door Co., 73 St. Paul's av  
 \*Tuzik Michael, Canal  
 Woodhouse John H., 1 Bishop  
 MADISON—†Smith Joseph M. Co.  
 MANASQUAN—†Taylor W. P.  
 MATAWAN—†Bailey Wm. D. Co.  
 MILLVILLE—\*Kimball & Prince Lumber Co.  
 MONTCLAIR—\*Lyman Jno. T.  
 MOORESTOWN—†Collins John S. & Son  
 MORRISTOWN—†Ennis C. W. & Co.  
 †Mills Geo. A. Wood Working Co.  
 NEWARK—\*Barkhorn Wm. H. Co., 22 Sayre  
 \*Central Woodworking Co., 113 Central av  
 \*Clark & Co., 515 Hunterdon  
 \*Goldingay Bros. Co., 88 E Kinney  
 \*Maul G. F., 780 E 18th  
 \*Newark Door Co., 221 Sussex av  
 \*Paxton Wm. L., 128 Wakeman av  
 \*Schill Frederick & Co., 784 Springfield av  
 NEW BRUNSWICK—Butler-Howell Co.  
 Cronk Mfg. Co.  
 OCEAN CITY—Headley & Adams  
 ORANGE—\*Barber Chas. L.  
 PASSAIC—\*Crane Floyd H.  
 PATTERSON—\*Florance Bros. Mfg. Co.  
 \*Post M. H.  
 PHILLIPSBURG—Bachman R. K. & Bro.  
 Laubach C. J. Co.  
 PLAINFIELD—\*McCullough Richard H.  
 RED BANK—\*Waters & Osborn Co.  
 RIDGEWOOD—\*Hutton Isaac E.  
 TRENTON—\*Conner Millwork Co.  
 \*Leuckel A. K. & Co.  
 VINELAND—\*Kimball & Prince Lumber Co.  
 WASHINGTON—\*Alleger's E. W. Son  
 WESTFIELD—†Tuttle Bros.  
 WEST NEW YORK—\*Gundling B. V. Co.  
 WOODBURY—Woodbury Mill & Lumber Co.

## NEW MEXICO.

ALBUQUERQUE—†Baldrige J. C. Lbr. Co.  
 LAS VEGAS—\*Sundt M. M.

## NEW YORK.

ADDISON—\*Park, Winton & True Co.  
 ALBANY—Blakeslee Lumber Co.  
 Ramsdell & Co.  
 ALBION—\*Mailory C. M.  
 ALLEGANY—\*Hall W. N.  
 ANTWERP—†Bethel George D.  
 ARCADE—Arcade Planing Mill Co.  
 AUBURN—\*Koon E. B. & H. J., 31 Mill  
 BATAVIA—\*Batavia & N. Y. Woodworking Co.  
 BATH—\*Beekman Sash, Door & Woodworking Co.  
 BINGHAMTON—\*Bartlett & Co.  
 \*Roberson Alonzo & Son  
 BOSTON—Wurtz L. J.  
 BROOKLYN—(See New York City, Borough of Brooklyn)  
 BUFFALO—Boller Chas. & Sons Co., Chicago & Carroll  
 Dohn, Fischer & Beyer  
 Elias G. & Bros., 965 Elk  
 Feist John & Sons Co., 115 Ash  
 Flierl Christian Co., 1352 Genesee  
 Hager E. M. & Sons Co., 141 Elm  
 Heinrich's Wm. Sons Co., 193 Spring  
 Iroquois Door Co. (Wholesale Mfrs.)  
 Montgomery Bros. & Co.  
 Zeis M. & Son, 200 Cherry  
 CANTON—Rushton J. W.  
 CASSADAGA—Knott L. & Co.  
 CAZENOVIA—\*Thayer T. W. Co.  
 CHAMPLAIN—Earl Jno.  
 COHOES—\*Breault M. Co.  
 Crandall G. H. Co.  
 COPENHAGEN—†Carey James  
 CORNING—\*Corning Building Co.  
 CROWN POINT—\*Pond J. E. & Son  
 DEPOSIT—Deposit Lumber Co.  
 DEXTER—Dexter Woodworking & Bldrs.' Supply Co.  
 DUNKIRK—\*Madigan Lumber Co.  
 \*O'Donnell Lumber Co.  
 EAST AURORA—\*Peek's S. H. Sons



ELMIRA—Doane & Jones Lumber Co.  
 \*Spaulding H. C. Co.  
**FALCONER**—Chautauqua Planing Mill Co  
**FRIENDSHIP**—Empire Sash & Door Co.  
**GENEVA**—Moore Daniel E.  
**GLENS FALLS**—Kendrick & Brown Co.  
**GOWANDA**—Forbush Planing Mill Co.  
**HAMBURG**—Hamburg Planing Mill Co.  
**HICKSVILLE**—Voigt C. H. (Est. of)  
**JAMESTOWN**—Nelson & Co.  
 \*Wilson John T. (Est. of)  
**KINGSTON**—Coutant A. K.  
 \*Palen's Henry W. Sons  
 \*Traphagen & Hull Mfg. Co.  
 \*Weeks Theo.  
**LAWRENCE**—Wood John A. & Son Co.  
**LEROY**—Lapp Jos.  
 \*Rogers F. C.  
**LESTERSHIRE**—Lestershire Lumber & Box Co.  
**LYNDDVILLE**—Gray J. C. & Co.  
**MALLORY**—Courbat Geo. H.  
**MALONE**—Kelly Jno. & Son  
**MONTICELLO**—Smith Isaac O.  
**MOUNT KISCO**—Turner Jerry B.  
**MOUNT VERNON**—Burton & Fenton Cronenberg L. & Sons  
**NEWARK**—Keener S. N. Co.  
**NEWBURGH**—Newburgh Planing Mill Co.

## NEW YORK CITY.

## Borough of Brooklyn.

**BROOKLYN**—Alpert Woodworking Co., 410 Snediker av  
 Bayside Sash & Door Co., 806 3d av  
 †Bossert Louis & Son, 1335 Grand  
 †Brooklyn Fireproof Sash & Door, 101 Richardson  
 Brooklyn Lumber Co. (Wholesale Dealers), 458 Hamilton av  
**Carey Box & Lumber Corp.**, 634 First av, New York  
 Clark Jno., 231 Hopkinson av  
 \*Cropsey & Mitchell, Bay 35th  
 †Curtis-Brislin Lumber Co., 3290 Atlantic av  
 Empire City-Gerard Co., 265 Greenpoint av  
 Entenman A., 669 73d  
 Gardner David P. & Son, 49 Fleet pl  
 †Gass John H., 601 Sackett  
 †Gerard G. H. Son & Co., 265 Greenpoint  
 †Hardy, Voorhees & Co., Met. av  
 †Hawkins Geo. A., 367 Fulton  
 †Hitchings Ben G., E 34th, nr Av H  
 Interborough Sash & Door Co., 340 Junius  
 †Keshlin, Blitstein & Co., Burroughs av  
 †Levin, Kroneneberg & Co., Van Sinderen av  
 \*Loomis John S. Lumber Co., Baltic & Nevins  
 †Macauley C. R. Co., 255 18th  
 †Mayer Michael, 181 Moore  
 \*National Fireproof Sash & Door Co., 499 Stagg  
 †Newton Albro J. Co., 528 Union  
 †Orr J. C. & Co., West & Java  
 Pearson Carl H., 193 Wallabout  
 Standard Fireproof Sash & Door Co., 230 Greenpoint av  
 Weinstein Sam'l, 100 Richardson  
 Weisfeld Bros., 7 McKibbin

## Boroughs of Manhattan and Bronx.

**NEW YORK**—Batavia & N. Y. Woodworking Co., Fuller bldg  
 Beekman Sash Door & Woodworking Co., 259 B'way  
 †Bronx Sash & Door Co., E Tremont av & 180th  
 †Carl John H., 510 1st av  
 \*Champion Fire Proof Door Co., 277 Rider av  
 \*Chautauqua Planing Mill Co., 35 W 39th  
 Empire Door & Trim Co., 15 E 40th  
 \*Harlem River Lumber & Wood Working Co., 138th & Gerard av  
**Hasbrouck Chas. A. & Son** 863 3rd av  
 †Hogan & Di Genno, 1616 Webster av  
 Hudson Wood Working Co., 1616 Webster av  
 Klein Wm., 67 Murray  
 †Leslie John, 138 W 15th  
 \*Morgan Co. (Sash, Open, Glazed, Doors, Veneered Doors, Blinds & Shutters), 6 E 39th  
 \*Murray & Hill Co., So. Blvd & 143d  
 \*N. Y. Carved Moulding Co., 3d av & 139th

O'Neill Michael F., Walton & Cheever pl  
 †Palens H. W. Sons, 1451 B'way  
 Pomeroy S. H. Co., 282 E 134th  
 Potter Jos. R. & Co., 270 W 126th  
 †Read Charles, 406 W 30th  
 †Reeb & Dinkins, 18 B'way  
 †Reynolds Charles E., 634 1st av  
 †Richardson & Dutt, 789 3d av  
 Rugg C. H. Co., 101 Park av  
 †Schaettler F., 533 W 34th  
**Thayer T. W. Co.**, 18 B'way  
 Tide Water Bldg. Co., 16 E 33d  
 Wright Lumber Co., 148 W 38th

## Borough of Queens.

**CORONA**—Johnson & Berntson  
**HOLLIS**—Stansbury Jas. H.  
**LONG ISLAND CITY**—Weisberg Baer Co., Blvd  
**OZONE PARK**—Gillespie Earl A.  
**METROPOLITAN**—Reich Val E., 1429 Metropolitan av

## (End of New York City)

**NIAGARA FALLS**—Haeberle Lumber Co.  
**NORTH TONAWANDA**—Palmer W. G. Thompson, Hubman & Fisher  
**NORWICH**—Wheeler Geo. H.  
**OGDENSBURG**—Proctor Mfg. Co.  
**OSSINING**—Terwilliger's I. Son  
**PATCHOGUE**—Bailey E. & Sons  
**PATTERSON**—Pendleton & Townsend  
**PEEKSKILL**—Brotherton Wm. Jr.  
 \*Lamos Charles A. Co.  
**PORT CHESTER**—Mertz's Geo. Sons  
**PORT JEFFERSON**—Loper Bros.  
**POUGHKEEPSIE**—Brooks & Co.  
 Lumb's Levi Son  
**REDWOOD**—Cook & Smith  
**RIVERHEAD**—Skidmore Charles  
**ROCHESTER**—Bantleon Bros. Co.  
 Evans Chas. P.  
 Goetzman H. W.  
 Rugg C. H. Co.  
 Smith Sash & Door Co.  
 Stalker G. H.  
 Vogel & Binder Co.  
**ST. JOHNSVILLE**—Kneeskern J. H. & Sons  
**SANDY HILL**—Kenyon Lumber Co.  
**SIDNEY**—Clark G. A. Co.  
**SYRACUSE**—Markert Mfg. Co.  
**TROY**—Madden Lumber Co.  
**TURIN**—Hughes Hugh  
**WEBSTER**—O'Dell Bros.  
**WELLSVILLE**—Duke Oak Lumber Co.  
**YONKERS**—Lawrence Bros.  
 Mitchell Sam'l P. (Est. of)  
 \*Yerks & Co.

## NORTH CAROLINA.

**ASHEVILLE**—Jones Wm. W.  
 \*Westall W. H. & Co.  
**CLINTON**—Clinton Lumber Co.  
**EAGLE ROCK**—Eagle Rock Mfg. Co.  
**ELIZABETH CITY**—Kramer Bros. & Co.  
**GREENSBORO**—Cape Fear Mfg. Co.  
**HENDERSON**—Watkins Jno. B.  
**HICKORY**—Hickory Mfg. Co.  
 Hickory Novelty Co.  
**HIGH POINT**—Snow Lumber Co.  
**NORTH WILKESBORO**—Wilkesboro Mfg. Co.  
**RALEIGH**—Lassiter C. J.  
**SANFORD**—Sanford Sash & Blind Co.  
**WILSON**—Simms W. W. Co.

## NORTH DAKOTA.

**FARGO**—Bowers Bros.  
**GRAND FORKS**—Turner Jas. & Sons  
**MINOT**—Western Improvement Co. (Wholesale Mfrs.)

## OHIO.

**AKRON**—Akron Lumber Co.  
 Lyman Hawkins Lumber Co.  
 Summit Lumber & Building Co.  
**ALLIANCE**—Stroup L.  
 \*Weybrecht's J. T. Sons  
**ASHLAND**—Shearer Kagey & Co.  
**ATHENS**—Athens Lumber Co.  
 Hardwood Finish Co.  
**BALTIMORE**—Buckeye Planing Mill Co.  
**BELLAIRE**—Anderson & McGregor Co.  
 \*Dubois & McCoy Lumber Co.  
**BELLEFONTAINE**—Le Sourd A. & Sons  
**BEREA**—Holmes & Johnson  
**BLOOMDALE**—Linhart S. A.  
**BOWLING GREEN**—Hankey Lumber Co.  
**BUCYRUS**—Roehr Co.

**BURTON**—Johnson C. H.  
**BUTLER**—Winkler W. E.  
**BYESVILLE**—Byesville Planing Mill Co.  
 Lauer True & Co.  
**CADIZ**—Long E. M. & Sons (Wholesale)  
**CALEDONIA**—Resler J. A.  
**CAMBRIDGE**—Forney C. W.  
 \*Hoyle & Scott  
 Hunt W. A.  
**CANAL FULTON**—Kittinger & Stock  
**CANAL WINCHESTER**—Bareis Geo. F.  
**CELINA**—Stephenson E. E. Lumber Co.  
**CHAGRIN FALLS**—Rowe & Giles Lumber Co.  
**CHILLICOTHE**—Hertenstein C. A. Lumber Co.  
**CINCINNATI**—Brethauer G. J. Planing Mill Co., 2250 Bogen  
 Cincinnati Sash & Door Co., 942 W 6th  
 Dexter Lbr. Co., 4765 Montg'y pk (Norwood)  
 Ferris Chas. S., 232 McCullough  
 Griffith Jas. & Sons Co., Reading rd & E 12th  
 Mayer Wm. Co., 646 W 3d  
 Mills & Ott, 216 George  
 Ward-Brock Sash & Door Co., 618-20 Freeman av  
**Weber Fred & A. Co.**, 4012 Cherry Cum'ville  
**CLEVELAND**—Bohm & Stuhr, B'way & W. & L. E. R. R.  
 †Cleveland Lumber Co., 8617 Buckeye rd  
 \*Diamond Glass Co., 1447 W 25th  
 \*Lakewood Lumber Co., 10217 Berea rd  
 \*Marquard Sash & Door Mfg. Co., 307 Canal rd  
 \*Ohio Sash & Door Co., 821 Canal Rd.  
 \*Osborne & Flinkers, 10217 Berea rd, N W  
 \*Peters Mill Work & Lumber Co., Carter rd  
 \*Pfeller Chas. J. & Co., 1976 W 3d  
 \*Potter, Teare & Co., 1918 Carter rd  
 Reaugh Construction Co., 2835 E 51st  
 \*Standard Sash & Door Co., 5214 Sweeney av  
 Teachout A. Co., 331 Prospect av, N W  
 \*Trebing Mfg. Co., 1000 Center, N W  
 \*Whitmer-Jackson Sash & Door Co. (Whol.)  
 Zeitz William & Son Co., 1247 Marquette rd, N E  
**COLUMBUS**—Baumann Ferdinand Sons Co., 181 W Main  
 Bergin M. J. Lumber Co., 225 Dennison av  
 †Cussins Chas. D. Co., 170 No 3d  
 Doddington Co., 451 W Broad  
 Earl Andrew, Hickory & Water  
 Jones E. J. & Co., 406 W Spring  
 Linkenheil Planing Mill Co., 182 E. Columbus  
 Sager A. C., Town & Bell  
 Snider J. J., Lumber Co., Taylor av  
 Teachout Sash, Door & Glass Co., 100 W Spring  
 Throop-Martin Co., 130 E Chestnut  
**CROOKSVILLE**—Spring G. W.  
**CUMBERLAND**—Stevens W. H.  
**CUYAHOGA FALLS**—Walsh Lumber Co.  
**DAYTON**—Dayton Lumber & Mfg. Co.  
 Requarth F. A. Co.  
 \*Rouzer John Co., 71 Wyandot  
**DOVER**—Dover Lumber Co.  
 Wagner Lumber Co.  
**EATON**—Hiestand & Co.  
**FINDLAY**—Fassett M. L.  
 Parker Lumber Co.  
**FORT RECOVERY**—Wilson W. E. Lumber Co.  
**FOSTORIA**—Eureka Planing Mill & Lumber Co.  
 \*Koss & German Co.  
**FREDERICKSBURG**—Peterman A. J.  
**FREMONT**—Price Lumber & Mfg. Co.  
**GALION**—Gallion Lumber Co.  
 Gledhill A. C.  
**GALLIPOLIS**—O'Dell O. A.  
**GEORGETOWN**—Markley A. G.  
**GIBSONBURG**—Collier Thos. L.  
**HAMILTON**—Cullen & Vaughn Co. (Mfrs.) 450 Dayton  
 Dingfelder Wm. S.  
**HICKSVILLE**—Goller Chas. H.  
**HILLSBORO**—Enterprise Planing Mill Co.  
**HOMEWORTH**—Gross Bros.  
**JENERA**—Steinman Bros.  
**KENT**—Parsons T. G.  
**KENTON**—Callam John & Co.  
**LANCASTER**—DeLancey Edw.  
**LEBANON**—Monroe & Johnson  
**LIMA**—Ruhien & Miller



LOCKLAND—Lockland Lumber Co., Benson & Mill  
 LORAIN—Lorain Lumber & Mfg. Co.  
 LOWELL—Lowell Planing Mill Co.  
 McARTHUR—Lantz I. M.  
 MALTA—Malta Mfg. Co.  
 MANSFIELD—Ford S. N. & Co.  
 MARENGO—Jeffrey A. L.  
 MARYSVILLE—Robinson & Curry Co.  
 MIDDLETOWN—Caldwell-Iseminger Co.  
 NAPOLEON—Thieson & Hildred Co.  
 NAVARRA—Hug R. & Son  
 NELSONVILLE—Kreig M. A. & Co.  
 NEVADA—Orwiler & Armstrong  
 NEW BREMEN—Heinfeldt Mfg. Co.  
 Rabe Mfg. Co.  
 NORWOOD—Dexter Lumber Co., 4765 Montgomery pk. (Norwood). (See Cincinnati)  
 Lobnitz Co., 1714-22 Cleaneay av, Norwood

OAKLEY—Rempe F. & Son  
 OLMSTED FALLS—Stokes T. C.  
 ORRVILLE—Kinney Lumber Co.  
 OSBORN—Osborn Lumber Co.  
 PANDORA—Shank D. C. & Co.  
 QUAKER CITY—Cochran A. & Co.  
 ST. MARYS—St. Marys Planing Mill Co.  
 SANDUSKY—Sandusky Sash, Door & Lumber Co.  
 Schoepfle Mfg. & Lumber Co.  
 SIDNEY—Buckeye Churn Co.  
 SOMERSET—Snider-Plaunt Lumber Co.  
 SPRINGFIELD—Springfield Planing Mill & Lumber Co.  
 STEUBENVILLE—McFeely Bros.  
 STOCKPORT—Ellis Walter  
 STRASSBURG—Weber Planing Mill Co.  
 SUGARCREEK—Moomaw C. M.  
 TOLEDO—Campbell Lumber & Mfg. Co.  
 Collier-Barnett Co.  
 Goodsell Mfg. Co.  
 Goulet & Co.  
 Schroeder C. H. Co.  
 Western Mfg. Co.  
 Wiker Mfg. Co.

UPPER SANDUSKY—Stephan Lumber Co.  
 VERMILION—Bachman Conrad  
 WAVERLY—Gehres Bros.  
 WILKESVILLE—Strong H. B.  
 WILLOUGHBY—Jenkins C. C.  
 WILMINGTON—Fisher Mfg. & Fuel Co.  
 YOUNGSTOWN—Heller Bros. Co.  
 ZANESVILLE—Curtis & Co., 25 8th  
 Drake Thos. Lumber Co., Lee & Amalia  
 Herdman Sash, Door & Lumber Co.

#### OKLAHOMA.

ENID—Enid Sash & Door Co.  
 OKLAHOMA—Curtis & Gartside Co.  
 Griffith T. A.  
 \*New State Sash & Door Co.  
 \*Oklahoma Sash & Door Co.

#### OREGON.

EUGENE—\*Midgley George  
 KLAMATH FALLS—\*Goeller J. F. & Son  
 MYRTLE POINT—\*Huling Lundy & Sons  
 PORTLAND—Acme Planing Mill Co., 841 Macadam  
 Central Door & Lumber Co., 481 Geisan  
 Nicolai-Neppach Co., 227 Davis  
 North Pacific Lumber Co., Ry Exchange av  
 Schmitt Frank & Co., E 8th & Yamhill  
 SILVERTON—\*Potter P. W. & Co.

#### PENNSYLVANIA.

ALLENTOWN—Albright A. A. & Son  
 \*Butz Frederick & Co.  
 Kearn & Bro.  
 Trexler Lumber Co.  
 \*Weil F. W. & Co.  
 ALTOONA—Fluke J. B. & Son  
 APOLLO—Wallace W. W. & Co.  
 ASHLAND—\*Bright H. F.  
 Waldner Adam  
 ATHENS—Corneby F. C.  
 BANGOR—\*Bangor Lumber Mfg. Co.  
 Wise Lumber & Coal Co.  
 BEAVER FALLS—Beaver Falls Planing Mill Co.  
 \*Commercial Sash & Door Co.  
 \*Mitchell J. S. & Sons  
 BENTON—\*Smith R. T. & Son  
 BERLIN—Fornwald Bros.  
 BRISTOL—\*Pierce & Williams  
 BROOKVILLE—Lucas J. Craig  
 CARLISLE—Beeten Lumber & Mfg. Co.  
 CATASAUQUA—\*Wint F. W. Co. (Ltd.)

CHAMBERSBURG—Hollinger Planing Mill Co.  
 CHRISTIANA—\*Davis Lumber & Planing Mill Co.  
 CONSHOHOCKEN—\*Miller A. L. Co.  
 CORRY—\*Clark Haniel & Son Co.  
 DUBOIS—\*Pifers G. W. Sons  
 Smyers Geo. W.  
 ELIZABETHVILLE—\*Burlington I. T.  
 ERIE—Constable Bros. Co.  
 Felheim Lyman Co.  
 Johnson Lumber Co.  
 Schroeck Adolph  
 Shenk Henry Co.  
 EVERETT—Cottage Planing Mill Co  
 FRANKLIN—James Lumber Co.  
 GETTYSBURG—\*Stallsmith Geo. W.  
 GLEN ROCK—\*Glen Mfg. Co.  
 HANOVER—\*Moul C. & Co.  
 \*Rohrbaugh J. F. & Co.  
 HARRISBURG—Snyder E. C.  
 HOMESTEAD—Kerr & Ingram  
 \*Hall Geo. M. Co.  
 KNOXVILLE—\*Edgcomb W. H. & Sons  
 LANCASTER—Draper & Co.  
 Keystone Planing Mill.  
 \*Wohlsen Planing Mill Co., 417 N Mulberry  
 LEBANON—\*Miller Bros.  
 LOCK HAVEN—\*Hipple Planing Mill Co.  
 MAUCH CHUNK—Neast Chas. & Co.  
 MEADVILLE—Bork & Richard  
 Miller & Devore  
 Smith Lumber Co.  
 MIFFLINBURG—\*Miller Enoch  
 MILLERSBURG—Douden A. Planing Mill Co.  
 MILTON—Clinger's D. Sons  
 \*Fetter's Jacob Sons  
 MOSCOW—\*Van Brunt C. P. Mfg. Co.  
 MOUNT CARMEL—\*Geiger Lumber & Mill Co.  
 MYERSTOWN—Loose Charles C.  
 NEW BETHLEHEM—\*Andrews Lbr. Co.  
 NEW BRIGHTON—McDaniel R. B. Co.  
 NEW CASTLE—\*Acme Lumber Co.  
 New Castle Lumber & Construction Co.  
 Wallace Bros.  
 NEWTON—\*Watson A. W. & W. M. Co.  
 NORRISTOWN—\*Grater-Bodey Co.  
 NORTH WALES—\*Weber Oliver M. Co.  
 OIL CITY—Oil City Woodworking & Mfg. Co.

OSCEOLA MILLS—Walker Robert J.  
 PARKSBURG—\*Reid A. P. Estate  
 PEN ARGYL—\*Fitzgerald Speer Co.  
 PENNSBURG—Pennsburg Mfg. Co.  
 PHILADELPHIA—Adams Dan'l, 2940 Marshall

Alcott W. K. & Co., Washington & 18th  
 Berger Gustav, 1143 N Front  
 Felin Chas. F. & Co., Old York rd & Butler  
 Fite & Arbelo Co., 20th & Glenwood av  
 Gerry F. R. Co., 1835 Market  
 Gibson W. E., 3577 Market  
 Hall Bros. & Wood, 54th & Lancaster av  
 Keely S. S. & Sons, Main & Umbria  
 Penna. Door & Sash Co., 2500 Cal-lowhill  
 \*Swenk, Benson Co., 2305 Cherry  
 Watson & Robinson, 49 Queen, Gtn  
 PITTSBURGH—Commercial Sash & Door Co., Liberty & 33d  
 Diebold Lumber & Mfg. Co., 93-99 Wabash av  
 \*Hill Edwin M., 2601 Penn. av  
 Munhall R. J. Lumber Co., Sidney & Brady  
 Penna. Door & Sash Co., 906 2d av  
 Pittsburgh Hardwood Floor Co., Park bldg  
 Schultze & Emanuel, 614 3d  
 Simon's M. Sons, Robinson & Anderson

PITTSTON—\*Dershimer & Griffin  
 Patterson J. E. & Co.  
 Wyoming Valley Lumber Co.  
 PLYMOUTH—Clark Bros. & Co.  
 POINT MARION—Clark J. A.  
 POTTSVILLE—\*Ryon Jno. P.  
 Sailor Planing Mill & Lumber Co.  
 \*Wertley Walter Sons  
 QUAKERTOWN—Stoneboch Howard L.  
 READING—Penn Planing Mill Co.  
 \*Rummel H. F. L.  
 REEDSVILLE—Kelley Jos.  
 RIDGEWAY—\*Hyde Murphy Co. (Wholesale)  
 RIVERSIDE—Hoover Wallace A.  
 ROARING SPRING—Planing Mill Co.  
 ROCKWOOD—\*Growall J. P.  
 POTTSFORD—\*Bush Bros.

SAYRE—Hart I. S.  
 SCRANTON—Ansley Lumber Mfg. Co.  
 Benore John  
 Peck-Lumber Mfg. Co.  
 Washburn, Williams & Co.  
 SHARON—\*Wallis & Carley Co.  
 SHARPSBURG—\*Saint W. J. T.  
 SLATINGTON—Kern Thomas Lumber Co.  
 SOUDERTON—\*Hemsing & Son  
 STEELTON—Steelton Planing Mill Co.  
 SUMMIT HILL—Breslin Andrew  
 SUNBURY—\*Simpson John & Son  
 TITUSVILLE—Reuting D. F.  
 TUNKANNOCK—Harris A. H.  
 TYRONE—\*Beyer F. D. & Co.  
 UNION CITY—\*Clark Haniel & Son  
 WARREN—\*Rogers Lbr. Co.  
 Weimore L. D. Co.  
 WATSONTOWN—\*Watson town Door & Sash Co.  
 WAYNESBORO—\*Hess Planing Mill Co.  
 WAYNESBURG—\*Funk J. M.  
 WEST CHESTER—\*Black Planing Mill Co.  
 WEST NEWTON—Scholl M. F.  
 WILKES-BARRE—Goff Lumber Co.  
 \*Lee Conrad  
 \*Shepherd Construction Co.  
 WILLIAMSPORT—Eiswerth Co.  
 \*Sones C. W.  
 Williamsport Planing Mill Co.  
 Wood Working & Stair Building Co.  
 YORK—\*Beitzel Jacob & Sons  
 Billmeyer & Small Co.  
 Noss Herman & Sons

#### RHODE ISLAND.

BRISTOL—\*Wardwell Lumber Co.  
 PAWTUCKET—\*Cottrel J. T. Co.  
 \*Pawtucket Sash & Blind Co.  
 \*Tingley Frank E.  
 PROVIDENCE—Evans H. R. & Son, 10 Mathewson  
 \*Harris Wm. M., Jr., 546 Atwells av  
 \*Lansing Lumber Co., 824 N Main  
 \*McGowan Jas. & Co., 14 Exchange pl  
 \*Perkins Bros. Co., 970 Westminster  
 \*Providence Sash & Blind Co., 309 Dean  
 \*Smith E. E. Co., 136 Rhodes  
 \*Vaughn L. Co., 1153 Westminster  
 WESTERLY—Sherman's R. A. & Sons Co  
 WOONSOCKET—\*City Lumber Co.  
 Robinson A. M.

#### SOUTH CAROLINA.

ANDERSON—\*Barton J. E  
 \*Brissey W. L. Lumber Co.  
 \*Townsend H. C. Cotton Mills.  
 BEAUFORT—\*Christensen N. & Sons  
 CHARLESTON—\*Wetherhorn L. & Son  
 CHERAW—\*Cheraw Sash, Door & Lumber Co.  
 COLUMBIA—\*Brown C. O. & Bro.  
 \*Shand Builders' Supply Co.  
 \*Thomas H.  
 FERGUSON—\*Santee River Cypress Lum. Co.  
 GREENVILLE—\*Morgan, Austin Co.  
 SUMTER—\*Kennedy Brothers  
 VARNVILLE—\*Ginn E. R.

#### SOUTH DAKOTA.

DEADWOOD—\*Fish & Hunter Co.  
 MADISON—Colman C. L. Lumber Co.  
 MITCHELL—\*Burns Robert Lumber Co.  
 \*Davis & Daniels Co.  
 SIOUX FALLS—\*Ross H. W. Lumber Co.  
 \*Tuthill J. W. Lumber Co.  
 STURGIS—\*Anderson H. O. & Son  
 \*Grams Wm.

#### TENNESSEE.

BRISTOL—\*Bristol Door & Lbr. Co.  
 \*Cloyd Bros. Co.  
 \*Stone-Huling Lbr. Co.  
 CHATTANOOGA—\*Central Lumber Co.  
 \*Chattanooga Lumber Co.  
 Chattanooga Sash & Door Co.  
 \*Loomis & Hart Mfg. Co.  
 Magill Hardware Co.  
 CLARKSVILLE—\*Smith F. L. Sons  
 FAYETTEVILLE—\*Williams Lumber Co.  
 HARRIMAN—\*Watts J. H.  
 HUMBOLDT—\*Campbell J. E.  
 \*Jarrell B. C. & Co.  
 KNOXVILLE—\*Atkin C. B. Co.  
 Broadway Mfg. Co.  
 \*Rose D. M. & Co.  
 Ross Lumber Co.



MEMPHIS—\*Cole Mfg. Co.  
†Jordan J. P. & Co.  
Memphis Sash & Door Co.  
\*Moore & McFerren  
†Southern Lumber Co.  
MORRISTOWN—†East Tennessee Wood  
Working Co.  
NASHVILLE—†Beasley & Sons Co.  
†Cohn & Goldberg  
\*Davidson, Hicks & Greene Co.  
\*De Hart I. N. & Son  
\*McGinnis & Co.  
\*Moore Geo. & Sons  
†Norvell & Wallace  
†Riddle Co.

## TEXAS.

ALBANY—†Rockwell Bros. & Co.  
AUSTIN—†Calcasieu Lumber Co.  
†Nalle & Co.  
BEAUMONT—\*Georgs C. W. Mfg. Co.  
COLORADO—†Burton-Lingo Co.  
CORPUS CHRISTI—†Sidbury Lumber Co.  
CORSICANA—\*Clopton B. M.  
†Doke F. L. Lumber Co.  
DALLAS—†Campbell-Harris Lumber Co.  
Conkling W. H. & Sons  
†Griffiths & Co.  
†Mayfield J. S. Lumber Co.  
DENISON—†Lingo-Leeper Co.  
DUBLIN—†Smith H. A. & Co.  
†Spencer R. B. & Co.  
EL PASO—†Bassett O. T. & Co.  
†Burton-Lingo Co.  
El Paso Sash & Door Co.  
FORT WORTH—†Cameron Wm. & Co.  
\*Lusher & Rockett  
\*Owens G. W. Lumber Co.  
†Quarles J. E. Co.  
†Ripley J. W. & Son  
†Smith Cicero Lumber Co.  
GALVESTON—†Moore & Goodman  
†Schadt Wm.  
\*Smith J. F. & Bro.  
HOUSTON—Bering Mfg. Co.  
Houston Co-operative Mfg. Co.  
Texas & Louisiana Lumber Co.  
Ware Wm. Lumber Co.  
NAVASOTA—\*Youens J. & Co.  
ORANGE—\*Miller-Link Lumber Co.  
SAN ANTONIO—†Beitel Lumber Co.  
†Steves Ed. & Sons  
†West End Lumber Co.  
SAN MARCOS—†Mead & Eastwood  
SHERMAN—†Fielder A. A. Lumber Co.  
†Lyon-Gray Lumber Co.  
†Wilson J. B. & Co.  
TAYLOR—†Thompson J. A.  
TEXARKANA—†Hoffman Hardware Co.  
WACO—†Brazelton-Pryor & Co.  
\*Cameron Wm. & Co.  
WAXAHACHIE—†Timmons H. D. Lum-  
ber Co.

## UTAH.

OGDEN—†Belnap H. Lumber Co.  
†Eccles Lumber Co.  
\*Humphries C. J.  
PROVO—Ward E. J. & Sons Co.  
SALT LAKE CITY—†Felt Geo. F. Lum-  
ber Co.  
†Morrison, Merrill & Co.  
†Stewart J. J.

## VERMONT.

ARLINGTON—†Lathrop E. M.  
BARRE—†Allen Lumber Co.  
BELLOWS FALLS—\*Ramsay R. H.  
BENNINGTON—\*Bingham Jos. B.  
BRANDON—†Gipson H. M. & Son  
BRATTLEBORO—\*Holden & Martin Lum-  
ber Co.  
†Robbins & Cowles  
BURLINGTON—†Booth J. R.  
\*Burlington Venetian Blind Co.  
†Champlain Mfg. Co. (Sashes)  
\*Morgan Bros.  
ENOSBURG FALLS—\*Manley A. H.  
HARTLAND—†Martin A. W.  
MIDDLEBURY—\*Rogers & Wells  
POULTNEY—†Ripley Lumber Co.  
RANDOLPH—\*Emerson E. F. Co.  
RICHFORD—\*Sweat-Comings Co.  
RUTLAND—†Chaffee's F. Sons  
†Noves H. F. (Est. of)  
ST. JOHNSBURY—†Caldbeck - Cosgrove  
Corp.  
SOUTH SHAFTSBURY—\*Eagle Square  
Mfg. Co.  
VERGENNES—\*Cotey L. C. & Son

## VIRGINIA.

ALEXANDRIA—\*Aitcheson & Bro.  
\*Smoot W. A. & Co.  
BLACKSTONE—\*Blackstone Lumber &  
Mfg. Co.  
CHARLOTTESVILLE—\*Charlottesville  
Lumber Co.  
\*King Lumber Co.  
DANVILLE—\*Danville Lumber & Mfg.  
Co.  
\*Heidelberg Lumber Co.  
HARRISONBURG—†Bucher Wm. M. &  
Son  
LYNCHBURG—Lynchburg Lumber Mfg.  
Co.  
Moore & Lipscomb  
Peak Lumber Co.  
MANCHESTER—†Woodward & Son  
NEWPORT NEWS—Richardson R. E.  
†Weaver Bros.  
NORFOLK—Building Supplies Corp., 112-  
114 Brooke av & 111 Tazewell  
Sawyer W. F. & J. T. Omhdro av  
PETERSBURG—†Hargrave W. T.  
RICHMOND—\*Hardwicke Chas. W. & Co.,  
18th  
†Heppert Jos., 906 Catherine  
\*Miller Mfg. Co., 7th & Stockton  
\*Montague Mfg. Co., 4 S 10th  
\*Sittinger-Carneal-Davis Co., 1601 W  
Leigh  
\*Stagg Thos. E & Son, Henrico Co.  
ROANOKE—\*Central Mfg. Co.  
Exchange Lumber Co.  
†Wilkinson J. H.  
SOUTH BOSTON—†Penick R. A. & Son  
STAUNTON—†Livick A. J.  
†Worthington Hardware Co.  
SUFFOLK—†Allen R. R.  
†Folk E. L. Co.  
WARRENTON—†Wood P. D. & Co.  
WYTHEVILLE—Wytheville Mfg. Co.

## WASHINGTON.

BELLINGHAM—\*Whatcom Falls Mill Co.  
CENTRALIA—Whistler Porch Column  
Factory  
CHELAN—Higgins W. R.  
CHENEY—†Ratcliffe Chas. A.  
CLE ELUM—Paul A. S.  
COLFAX—Good J. R. & Co.  
EVERETT—Builders Supply Co.  
\*Everett Sash & Door Co.  
\*Robinson Mfg. Co.  
GOLDENDALE—Cameron J. E.  
HOQUIAM—\*Hoquiam Sash & Door Co.  
MONROE—\*Wagner & Wilson Lumber  
Co. (Red Cedar, Wholesale Mfrs.)  
NORTH YAKIMA—\*Cascade Lumber Co.  
(Wholesale Mfrs.)  
OKANOGAN—Dunham W. H.  
Ostenberg Chas.  
OLYMPIA—\*Olympia Door Co.  
PRESCOTT—†Geyer John  
SEATTLE—Blossom-Provine Lumber Co.  
\*Boyd Fred. Co.  
\*Brace & Hergert Mill Co.  
\*Bryant Lumber & Shingle Mill Co.  
Canal Mfg. Co.  
City Sash & Door Co.  
Commercial Sash & Door Co.  
Curtiss Wm. M. Co., 5016 20th, N W  
Dalk & Lindberg  
Elmer & Moody Co.  
\*Nordquist & Nelson  
Pacific Door & Mfg. Co.  
Safety Ladder Mfg. Co.  
Standard Sash & Door Co.  
\*Stetson & Post Lumber Co.  
†Williams O. B. Co.  
SPOKANE—\*Dean Lumber & Fuel Co.,  
Reagal & S. F. & N. Tracks  
\*Holland-Horr Mill Co.  
\*King Sash, Door & Lumber Co.  
(Wholesale Mfrs.)  
\*Sexton J. F. & Co.  
\*Spokane Sash & Door Co.  
\*Springston Lumber Co.  
TACOMA—Bismarck Mill Co.  
East Tacoma Mfg. Co.  
Keystone Lumber Co.  
\*Pacific Mutual Door Co.  
Peterman Mfg. Co.  
Tacoma Fir Door Co.  
Tacoma Millwork Supply Co.  
Washington Mfg. Co.  
Wheeler-Osgood Co. (Yellow Fir  
Wholesale Mfrs.)  
WALLA WALLA—†Walla Walla Lumber  
Co.  
\*Whitehouse-Crawford Co.

## WEST VIRGINIA.

BLUEFIELD—†Saxon Lime & Lumber Co.  
CLARKSBURG—†Williams Hardware Co.  
FAIRMONT—†Dickerson Building Supply  
Co.  
HUNTINGTON—†Emmons, Hawkins Hdw.  
Co.  
WHEELING—\*Beltz J. W. Sons Co.  
†Chapman W. H. & Sons  
†Klieves Lumber Co.  
†Wilson W. A. & Sons (Jobbers), 1409  
Main

## WISCONSIN.

APPLETON—†Miller Lumber Co.  
†Schlafer Hardware Co.  
\*Standard Mfg. Co.  
ASHLAND—\*Scott-Taylor Co.  
BAGLEY—†Brodt T. E.  
BEAVER DAM—†Roedl & Jacobs Co.  
BELOIT—\*Cunningham Bros.  
BLACK RIVER FALLS—\*McGillivray  
J. J.  
BRILLION—†Brillion Lumber Co.  
CEDARBURG—\*Hilgen Mfg. Co.  
CHILTON—\*Dorschel, Schultz & Co.  
CLINTONVILLE—\*Rohrer D. J.  
EAU CLAIRE—\*Fish E. M. Co.  
\*Hoeppner-Bartlett J. Co.  
FOND DU LAC—†Moore & Galloway Lum-  
ber Co. (Ltd.)  
\*Steenberg O. C. Co.  
GILLET—Gillett Building Supply Co.  
GRAND RAPIDS—Ellis E. W. Lumber Co.  
GREEN BAY—\*East River Planing Mill  
Co.  
\*Green Bay Planing Mill Co.  
HARTFORD—†Denison & Coerper  
†Hartford Lumber Co.  
HELENVILLE—†Reul Bros.  
JANESVILLE—Cullen J. P. Construction  
Co.  
†Fifield Lumber Co.  
KAUKAUNA—\*Kaukauna Lumber & Mfg.  
Co.  
KENOSHA—\*Grant Planing Mill  
LA CROSSE—\*Segelke & Kohlhaus Mfg.  
Co.  
LAKE GENEVA—†Wilbur Lumber Co.  
MADISON—†Brittingham & Hixon Lum-  
ber Co.  
†Frederickson A. D. & J. V.  
MANAWA—\*Little Wolf River Lumber Co.  
MANITOWOC—†Manitowoc Bldg. Supply  
Co.  
†Schoch Christ. Lumber Co.  
MARSHFIELD—\*Bille Hans & Co.  
MENASHA—\*Menasha Mfg. Co.  
MILWAUKEE—\*Badger Sash & Door Co.,  
1594 Island av  
†Butter Gustav A., 603 Mitchell  
\*Cream City Sash & Door Co. (Whol.),  
601 Park  
\*Gruhl Sash & Door Co., 195 Stewart  
\*Interior Woodwork Co., 523 Park  
†Meckelburg A. F. Sash & Door Co.,  
710 31st st  
†Pederson & Grobber, 594 National av  
Rockwell Mfg. Co. (Whol. Mfrs.), 572  
Park  
†Schmidt W. H. & Sons Co., 307 3d  
av  
†Wilbur Lumber Co., Pabst bldg  
NEENAH—Hardwood Products Co.  
(Doors)  
OSHKOSH—\*Foster Lothman Mills  
(Wholesale)  
\*Gould Mfg. Co. (Wholesale)  
\*McMillen R. Co. (Wholesale)  
\*Morgan Co. (Sash, Open, Glazed;  
Doors, Veneered Doors, Blinds,  
Shutters)  
\*Paine Lumber Co. (Ltd.) (Whole-  
sale, for the Trade Only)  
\*Radford Bros. & Co. (Wholesale)  
RACINE—\*Driver Thos. & Sons Mfg. Co.  
(Ltd.)  
Dumphy Wm. Mfg. Co.  
Racine Puttyless Window Co. ("Putty-  
less Hotbed Sash")  
RHINELANDER—†Lewis Hardware Co.  
RICE LAKE—\*Rice Lake Mfg. Co.  
RIPON—Ripon Veneer & Box Works (C.  
T. Timm, Prop'r)  
SHEBOYGAN—\*Mueller H. G. Lumber &  
Mfg. Co.  
\*Sheboygan Woodworking Co.  
SPARTA—\*Sparta Sash & Door Co.  
STEVENS POINT—\*Vetter Mfg. Co.  
WAUKESHA—\*Wilbur Lumber Co.  
WAUPACA—†Nelson A. G. Lumber Co.  
WAUSAU—Curtis & Yale Co. (Wholesale  
Mfrs.)  
Kuebler J. M. Co. (Wholesale Mfrs.)  
WEST ALLIS—\*Radcliffe Mfg. Co.



## WYOMING.

EVANSTON—†Atkinson Lumber & Real Estate Co.  
 RAWLINS—Daley R. A.  
 †Larsen Hans

**12920—Sash (English Casement)**

International Casement Co., Jamestown, N. Y.

**12921—Sash (Greenhouse & Hot Bed)**

Columbus Iron Works (Wholesale Mfrs), Columbus, Ga.  
 Hyde-Murphy Co., Ridway, Pa.  
 Jacobs S. & Sons, 1365 Flushing av, Brooklyn, N. Y.  
 King Construction Co., North Tonawanda, N. Y.  
 Lockland Lumber Co., Benson & Mill, Lockland, O.  
 Lord & Burnham Co., 30 E 42d, New York  
 Lutton William H. Co., Jersey City, N. J.  
 Moninger John C. Co., 900 Blackhawk, Chicago, Ill.  
 Sanders Bros. Mfg. Co., Ottawa, Ill.  
 Selden Cypress Door Co., Palatka, Fla.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
 Sunlight Double Glass Sash Co., Louisville, Ky.  
 Woodbury Mill & Lumber Co., Woodbury, N. J.

**Sash (Metallic)**

See Window Frame & Sash, Metallic

**Sash Opening Apparatus**

See Sash Operating Device; also Ventilating Apparatus for Power House, etc.

**12922—Sash Operating Device**

Advance Co. ("Advance" Automatic Roller Bearing), 542 N 14th, Richmond, Ind.  
**Corbin P. & F., New Britain, Conn.**  
 Dean O. J. & Co., Distributors ("Advance" Automatic Roller Bearing) Association bldg, Chicago, Ill.  
 Dearborn Hardware Mfg. Co. ("Standard," "Ideal," "Reliance" & "Triumph" Roller Bearings), 2911 Carroll av, Chicago, Ill.  
 Drouve G. Co. ("Straight Push," "Lovell," Worm & Gear), 40 Tulip, Bridgeport, Conn.  
 Hitchens & Co., 1170 B'way, New York  
 King Construction Co., North Tonawanda, N. Y.  
 Lord & Burnham Co., 30 E 42d, New York  
 Metallic Sash Operator Co., 2233 Chestnut, St. Louis, Mo.  
 Payson Mfg. Co. ("Harris"), 2918 W Jackson blvd, Chicago, Ill.  
 Richmond Safety Gate Co., Richmond, Ind.  
 Thorn J. S. Co. ("Brand"), 20th & Allegheny av, Phila., Pa.  
 Wolf Machine Co., Dayton, O.

**Sash (Steel)**

See Window Frame & Sash, Wrought Steel

**Sash (Storm)**

See Storm Doors & Windows

**12923—Sash Weights**

American Lead Co. (Lead), 3116 Penn av, Pittsburgh, Pa.  
 American Mining Tool Co., Ottumwa, Ia.  
 Bartlett A. F. & Co., Saginaw, Mich.  
 Bates Elevator Co., 211 President, Baltimore, Md.  
 Blatchford E. W. Co. (Lead), 230 N Clinton, Chicago, Ill.  
 Boston Sash Weight Co., 79 Mills, Boston, Mass.  
 Brown E. E. & Co. (Iron), McKean & Meadow, Phila., Pa.  
 Buchanan Foundry Co., Lebanon, Pa.  
 Caldwell & Drake Iron Works ("Rohrer's" Sectional), Columbus, Ind.  
 Camden Iron Works (Cast Iron), Salem, Va.  
 Chadwick-Boston Lead Co. (Lead), Boston, Mass.

Cheney S. & Son (Cast), Manlius, N. Y.  
 Connecticut Cord Iron Corp., Norwich, Conn.  
 Decatur Cornice & Rfg. Co., Decatur, Ill.  
 Delaware Sash Weight Co., Wilmington, Del.  
 Detroit Lead Pipe Works (Lead), Detroit, Mich.  
 De Ved & Sons Sash Weight Co., 807 S Howard, Baltimore, Md.  
 Drummond Mfg. Co. (Cast Iron), Louisville, Ky.  
 Dutton E. Q. & Co. (Cast Iron), Cato, N. Y.  
 Ephrata Foundry & Machine Works, Ephrata, Pa.  
 Etna Foundry Co., Etna, Pa.  
 Galena Iron Works Corp., Galena, Ill.  
 Germania Supply & Fdry. Co., Covington, Ky.  
 Glascock Stove & Mfg. Co. (Cast Iron Link), Greensboro, N. C.  
 Grey Iron Casting Co. (Sectional), Mt. Joy, Pa.  
 Hastings Foundry & Iron Works, Hastings, Neb.  
 Iron City Foundry Co. ("I. C. F." Sectional), Lebanon, Pa.  
 Janney & Co., Montgomery, Ala.  
 Johnston & Jennings Co., Addison rd. & N. Y. C. R. R., Cleveland, O.  
*See adv index at end of book*  
 Keagy & Lear Machine Co., Coshocton, O.  
 Kings County Iron Foundry Co. (Sectional & Regular), 13th & Berry, Brooklyn, N. Y.  
 Levering Bros., Wicomico & Monroe, Baltimore, Md.  
 Lewis Jno. T. & Bros. Co. (Lead), Lafayette bldg, Phila., Pa.  
 Lissberger, Marks & Son (Lead), 281 Borden av, Long Island City, N. Y.  
 McDowell Fdry Co. (Iron), Chicago Heights, Ill.  
 Menzel & Jeffery Co. (Iron), 4th, cor 9th av, Minneapolis, Minn.  
 National Lead Co. (Lead), 111 B'way, New York  
 Over Ewald (Round & Square, Iron & Lead), Indianapolis, Ind.  
 Parsons Foundry Co. (Iron), Bridgeport, Conn.  
 Paxton & Verling Iron Works (Iron), Omaha, Neb.  
 Pugh Foundry Co., Kansas City, Mo.  
 Quinn Wire & Iron Works, Boone, Ia.  
 Raymond Lead Co. (Lead), 735 S Washtenaw av, Chicago, Ill.  
 Rochester Lead Works (Lead), Rochester, N. Y.  
 Selby Smelting & Lead Co. (Lead), 201 1st, San Francisco, Cal.  
 Sprecher's I. G. Sons, Ephrata, N. Y.  
 Standard Foundry Co., Buffalo, N. Y.  
 Sybilla Elevator & Mfg. Co., Chattanooga, Tenn.  
 Tatham & Bros. (Lead), 226 S 5th, Phila., Pa.  
 Thayer Foundry Co., Atchison, Kans.  
 Tuscaloosa Iron Works, Tuscaloosa, Ala.  
 United Lead Co. (Lead), 111 B'way, New York  
 Waterbury Foundry Co., Waterbury, Conn.  
 Western Foundry & Sash Weight Co. (Cast Iron), 2d & Miller, St. Louis, Mo.  
 Western Iron & Foundry Co., Wichita, Kans.  
 Windsor Mfg. Co. (Lead), 570 Clinton, Milwaukee, Wis.  
 York Foundry & Engineering Works (Cast Iron), York, Neb.

**12924—Satchels (Letter Carrier's, Etc.)**

American Commercial Corp., 120 B'way, New York

**12925—Satin White**

**PAPER MAKERS CHEMICAL CO.**, Easton, Pa.  
 Providence Drysalts Co., 86 Weyboysset, Providence, R. I.  
 Virginia Consolidated Chemical Corp., 100 B'way, New York

**12926—Savers (Gasoline Fuel)**

Mills Mfg. Co., Sabina, O.  
 Morse Gasoline Economizers Co., Barrington, R. I.  
 National Motor Supply Co., 5604 Euclid av, Cleveland, O.  
 Stewart Alfred C. Machine Works, Los Angeles, Cal.

**12927—Saw Benches or Tables**

American Sawmill Machinery Co. ("American"), Hackettstown, N. J.  
 American Wood Working Machinery Co., Rochester, N. Y.  
 Badger State Machine Co. (Self-Feed Rip, Saw & Combination), Janesville, Wis.  
 Baker Bros. ("Baker" Universal Saw Bench), Toledo, O.  
 Baldwin, Tuthill & Bolton (Iron Frame Saw Tables), Grand Rapids, Mich.  
 Beach Mfg. Co. (Rip & Cut-off), Montrose, Pa.  
 Carey W. W. Co. (Circular), Lowell, Mass.  
 Challenge Co., Batavia, Ill.  
 Chase Turbine Mfg. Co. (Power Feed), Orange, Mass.  
 Colburn Machine Tool Co. ("Universal"), Franklin, Pa.  
 Colladay Jos. O. Co., 626 Race, Phila., Pa.  
 Connell & Dengler Machine Co. (Iron or Wood Table), Rochester, N. Y.  
 Covell Mfg. Co., Benton Harbor, Mich.  
 Crescent Machine Co. (Combination), Leetonia, Ohio  
 Dodds Alex. Co. (Circular), Grand Rapids, Mich.  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fay J. A. & Egan Co., W. Cincinnati, O.  
 Frank Machinery Co., Buffalo, N. Y.  
 Gallagher Mfg. Co. (Saw Bench, for Metal), Lynn, Mass.  
 Gee Chas. E. ("Gee" Single & Adjustable Circular Saw Benches), Lowell, Mass.  
 Goodspeed Machine Co., Winchendon, Mass.  
**GRABO E. O. MACHINE WORKS** (For Metal), 180 Centre, New York  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grand Rapids Hand Screw Co. (Wood Frame), Grand Rapids, Mich.  
 Greenlee Bros. & Co. (Automatic), Rockford, Ill.  
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.  
 Hildreth Bros. (Tables Only), Harvard, Mass.  
 Holmes E. & B. Machy. Co., Buffalo, N. Y.  
 Hub Machine Welding & Contracting Co. ("Acme" Metal), 22nd & Race, Phila., Pa.  
 Kane & Roach (Circular Saw Tables), Syracuse, N. Y.  
 Kidder R. E. Co. (Circular, etc), Worcester, Mass.  
 Murray D. J. Mfg. Co. (Self Feed, etc.), Wausau, Wis.  
 National Woodworking Machine Co., Dover, N. H.  
 New Winona Mfg. Co., Winona, Minn.  
 Oliver Machinery Co. ("Oliver," "Universal" Saw Benches & Tables), Grand Rapids, Mich.  
 Power L. & Co., 20 S 23d, Phila., Pa.  
 Prybil Machine Co. (Metal), 512 W 41st, New York  
 Root B. M. Co., York, Pa.  
 Royle John & Sons (For Photo Engravers & Electrotypers, Stampmakers, etc), Paterson, N. J.  
 Sidney Tool Co. ("Defiance" Saw Tables and Jointers), Sidney, O.  
 Silver Mfg. Co., Salem, O.  
 Smith H. B. Machine Co., Smithville, N. J.  
 Standard Saw Mill Machinery Co., Erie, Pa.  
 Stewart S. A. (Bench Saw Table), Waltham, Mass.  
 Tidey M. B., 80 Warren, Newark, N. J.  
 Tidey F. W., Irvington, N. J.  
 U. S. Machine Co. (Self Feed), Williamsport, Pa.  
 U. S. Wind Engine & Pump Co. (Horse Power), Batavia, Ill.  
 Yates P. B. Machine Co., Beloit, Wis.

**12928—Saw Blades (Band & Jig)**

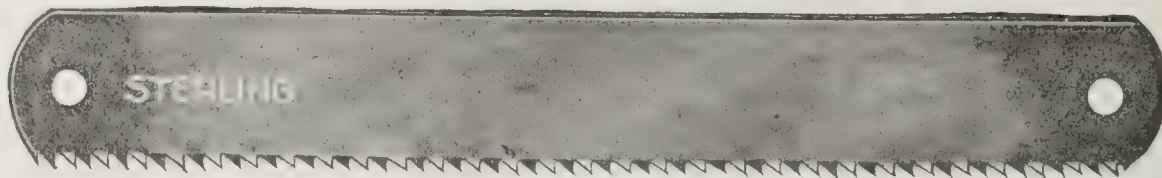
Cocker Saw Mfg. Co., Lockport, N. Y.  
 Crescent Machine Co., Leetonia, O.  
 Oliver Machinery Co., Grand Rapids, Mich.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*

**12929—Saw Blades (Cold)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Hunter Saw & Machine Co. (Inserted Tooth, for Metal Cutting), 57th & Butler, Pittsburgh, Pa.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
 Tindel-Morris Co. (High Carbon Crucible Steel Plate with Inserted Teeth), Ed-dystone, Pa., & Ellwood City, Pa.



# Hack "STERLING" Saws



Used for all classes of work, both for hand frames and power machines

Manufactured by

**Diamond Saw & Stamping Works,** BUFFALO, N. Y.  
U. S. A.

## 12930—Saw Blades (Hack, Flexible Back)

Atkins E. C. & Co., Indianapolis, Ind.  
Huther Bros., Saw Mfg. Co., Rochester, N. Y.  
Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
Thompson H. G. Son & Co. ("Eureka," "X. L.," "T. T.," "Jeweler"), New Haven, Conn.  
West Haven Mfg. Co. ("Utility"), New Haven, Conn.

Atkins E. C. & Co., Indianapolis, Ind.  
Boker H. & Co. ("Intra" Hack Saw Blades), 101 Duane, New York  
Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
Buffum Tool Co. ("Swastika" Adjustable Frames Only), South Side, Louisiana, Mo.  
Clemson Bros., Middletown, N. Y.  
Clemson Knife Co. (Bracket & Butchers' Saws), Woburn, Mass.  
Cutter & Wood Supply Co. ("Rex"), 68 Pearl, Boston, Mass.

S. & I. Co. ("S. & I."), Springfield, Mass.  
Sawyer Tool Mfg. Co. (Frames), Ashburnham, Mass.  
Schuchardt & Schutte, 90 West, New York  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
**SMITH & HEMENWAY CO.** ("Red Devil" Hack Saw Frame), 76 Chambers, New York  
*See adv index at end of book*

## 12931— Saw Blades (Hack, for Metal)

**DIAMOND SAW & STAMPING WORKS** ("Sterling"), 357 7th, Buffalo, N. Y.  
*See adv index at end of book*  
Disston Henry & Sons, Tacony, Phila., Pa.  
Pittsburgh Gage & Supply Co. ("Damas-cus"), 30th & Liberty av, Pittsburgh, Pa.  
Thompson H. G. & Son Co., ("Milford," "All Hard," "Eureka," "X. L.," "T. T.," "Jeweler"), New Haven, Conn.  
West Haven Mfg. Co. ("Universal" all Hard "Utility"), West Haven, Conn.

**DIAMOND SAW & STAMPING WORKS** ("Sterling," for Structural Steel Work), 357 7th, Buffalo, N. Y.  
*See adv index at end of book*  
Dikeman Mfg. Co. (Extension Hack Saw Frames), Norwalk, Conn.  
Disston Henry & Sons, Tacony, Phila., Pa.  
Goodell-Pratt Co. ("G.," "G. P. 888"—"G. P. 777"), Greenfield, Mass.  
Grey Iron Casting Co. (Family Hack Saws), Mt. Joy, Pa.  
Griffin G. W. Co., Franklin, N. H.  
Grover File Co., Nashua, N. H.  
Harris Samuel & Co., 111 N Clinton, Chicago, Ill.  
Huther Bros. Saw Mfg. Co., Rochester, N. Y.

## "Red Devil" Hack Saw Blades

**HARD AND FLEXIBLE**

made from the highest grade steel. Teeth are milled sharp with square cutting points carefully, evenly set so that every tooth cuts and are set at the right pitch to give a smooth, easy, rapid cut and obtaining 30% more work. Also a complete line of "Red Devil" Hack Saw Frames. Write for descriptive matter and prices.

**Smith & Hemenway Co., Inc.** 76 Chambers St. New York City

## 12931a— \*Saw Blades in Coils

**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*

## Saw Blades (Stone)

See Stone Saw Blades, Steel

## 12932— Saw Blades & Frames (Hack)

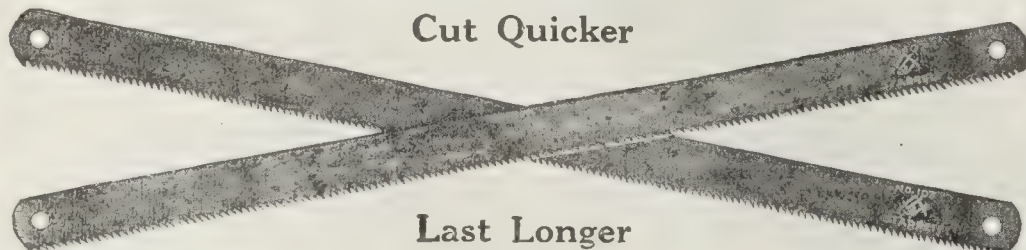
See also Hack Saw Machines  
American Saw & Mfg. Co. ("Lenox," "Apex"), Springfield, Mass.  
Arcade Mfg. Co., Freeport, Ill.  
Archer Newton H., New Haven, Conn.  
Armstrong-Blum Mfg. Co. ("Marvel" Draw-cut), 337 N Francisco av, Chicago, Ill.

Jennings C. E. & Co., 71 Murray, New York  
Lutz File Co. ("Victor"), 806 B'way, Cincinnati, O.  
Massachusetts Saw Works ("Victor"), Springfield, Mass.  
Millers Falls Co. ("Star"), 28 Warren, New York. Works: Millers Falls, Mass.  
Montgomery & Co. ("Fulton" Blades), 105 Fulton, New York  
Ohlen J. & Sons Saw Mfg. Co., Columbus, Ohio  
Quality Saw & Tool Works ("Quality"), Springfield, Mass.  
Racine Tool & Mach. Co. (Blades Only), Racine, Wis. *See adv index at end of book*  
Robertson W. Machinery & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.  
Ross Mfg Co. ("Perfecto" Blades), 1225 Lydia, Kansas City, Mo.

## STARRETT L. S. CO., Athol, Mass.

*See adv index at end of book*

Thompson H. G. & Son Co. ("Milford" Hack Saw & Blade; also "Lock Extension," & Master Grip Frames), New Haven, Conn.  
Union Hardware Co. (Frames Only), Torrington, Conn.  
Union Tool Co. (Frames), Orange, Mass.  
Weco Mfg. Co. ("Weco" Blades), 144 Pearl, Boston, Mass.  
Wells F. E. & Son Co. (Frames Only), Greenfield, Mass.,



Cut Quicker

Last Longer



**The L. S. Starrett Co.**

The World's Greatest  
Toolmakers  
Athol, Mass.



**Starrett**  
Hack-Saws

can be used on all kinds of cutting jobs. These blades are built to stand the hard use of shop service. You will find that the small savings from the long use of these blades will cut down your hack saw expense a large percent.

Write for free catalog No. 21 HG.  
It tells just what blade to use under all conditions.



West Haven Mfg. Co. ("Universal," "Utility," "Easy Grip Extension"), West Haven, Conn.  
 Williamsburg Mfg. Co. (Frames), Williamsburg, Mass.  
 Wolverine Saw Co., Detroit, Mich.

### 12933—Saw Bucks & Frames

Adams Husker Co. (Cross-Cut Saw Frames), Marysville, O.  
 Chapin-Stephens Co. (Turning Saw Frames & Saws), Pine Meadow, Conn.  
 Disston Hy & Sons, Tacony, Phila., Pa.  
 Galloway Wm. Co., Waterloo, Ia.  
 Goodell-Pratt Co. (Butchers, Frames), Greenfield, Mass.  
 Hutchinson Homer H., Bristol, N. H.  
 Robinson M. W. Co., 203 37th, Brooklyn, N. Y.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
 Tucker & Dorsey Mfg. Co. ("Hoosier" Folding Saw Buck), Indianapolis, Ind.

### 12934—Saw Coils (Butchers')

**NICHOLS BROS.** (50 feet long), Greenfield, Mass.

### Saw Filers & Setters

See Machines, Saw Filing & Setting; also Machines, Saw Sharpening

### 12935—Saw Mill Feeds (Steam)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.  
 Filler & Stowell Co., Milwaukee, Wis.  
 Pawling & Harnischfeger Co. (Steam Feed Engines), Milwaukee, Wis.  
 Soule Steam Feed Works, Meridian, Miss.

### Saw Mills

See Lumber Manufacturers

### 12936—Saw Mills (Band)

**ALLIS-CHALMERS MFG. CO.** (Single & Double Cutting), Milwaukee, Wis.  
*See adv index at end of book*  
 Clark Bros. Co., Olean, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Diamond Iron Works (Single & Double Cutting), 2nd & 18th av N, Minneapolis, Minn.  
 Filler & Stowell Co., Milwaukee, Wis.  
 Garland M. Co., Bay City, Mich.  
 Giddings & Lewis Mfg. Co., Fond du Lac, Wis.  
 Humphrey Machine Co., Keene, N. H.  
 Lombard Iron Works & Supply Co., Augusta, Ga.  
 McDonough Mfg. Co., Eau Claire, Wis.  
 Manistee Iron Works Co., Manistee, Mich.  
 Mershon W. B. & Co., Saginaw, Mich.  
 Murray D. J. Mfg. Co., Wausau, Wis.  
 Phoenix Mfg. Co. (Portable, etc), Eau Claire, Wis.  
 Portland Iron Works, 14th & Northrup, Portland, Ore.  
 Sinker-Davis Co., Indianapolis, Ind.  
 Stearns Co., Erie, Pa.  
 Wheland Company, Chattanooga, Tenn.  
 Woodruff Machinery Mfg. Co., Winder, Ga.

### 12937—Saw Mills (Circular)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 American Saw Mill Machinery Co., Hack-ettstown, N. J.  
 Bartley Wm. & Sons (Portable), Bartley, N. J.  
 Chandler & Taylor Co., Indianapolis, Ind.  
 Chase Turbine Mfg. Co., Orange, Mass.  
 Clark Bros. Co., Olean, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Le Loach Mill Mfg. Co., Bridgeport, Ala.  
 Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.  
 Emerson-Brantingham Co. ("Reeves," "Geiser Peerless Presses"), Rockford, Ill.  
 Enterprise Co., Columbiana, Ohio  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Filler & Stowell Co., Milwaukee, Wis.

Fisher & Davis Mfg. Co., St. Louis, Mo.  
 Frick Co., Waynesboro, Pa.  
 Garland M. Co., Bay City, Mich.  
 Giddings & Lewis Mfg. Co., Fond du Lac, Wis.  
 Heilman Machine Works, Evansville, Ind.  
 Knight Mfg. Co., Canton, O.  
 Lane Mfg. Co. (Lane Patent Lever-Set), Montpelier, Vt.  
 Lombard Iros Wks. & Supply Co., Augusta, Ga.  
 Lyon Iron Works ("Standard"), Greene, N. Y.  
 Moltz Jacob J., Williamsport, Pa.  
 Murray D. J. Mfg. Co., Wausau, Wis.  
 Phoenix Mfg. Co., Eau Claire, Wis.  
 Quick & Thomas Co., Auburn, N. Y.  
 Ricker T. H. & Sons Co., Harrison, Me.  
 Rockford Mfg. Co., Indianapolis, Ind.  
 Russell & Co., Massillon, O.  
 Salem Iron Works, Winston-Salem, N. C.  
 Scheidler Machine Works Co., Newark, O.  
 Sinker-Davis Co., Indianapolis, Ind.  
 Smalley Mfg. Co., Manitowoc, Wis.  
 Southern Engine & Boiler Wks., Jackson, Tenn.  
 Standard Saw Mill Machinery Co., Erie, Pa.  
 Stearns Co., Erie, Pa.  
 Union Iron Works, Bangor, Me.  
 Wheland Co., Chattanooga, Tenn.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
 Woodruff Machinery Mfg. Co., Winder, Ga.  
 Yates P. B. Machine Co., Beloit, Wis.

### 12938—Saw Mills (Drag)

American Saw Mill Machinery Co., Hack-ettstown, N. J.  
 Chandler & Taylor Co., Indianapolis, Ind.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Filler & Stowell Co., Milwaukee, Wis.  
 Garland M. Co., Bay City, Mich.  
 Giddings & Lewis Mfg. Co., Fond du Lac, Wis.  
 Globe Foundry & Machine Co., (Self-Feed), Sheboygan, Wis.  
 Gray's A. W. Sons, Middletown Springs, Vt.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.  
 Kline Lewis T. (Drag Saw Machines), Alpena, Mich.  
 Lane Mfg. Co., Montpelier, Vt.  
 Lyon Iron Works ("Standard"), Greene, N. Y.  
 Smalley Mfg. Co., Manitowoc, Wis.  
 Southern Engine & Boiler Works, Jackson, Tenn.  
 Stearns Co., Erie, Pa.  
 Trevor Mfg. Co. (For Handle Factories, etc), Lockport, N. Y.  
 Union Iron Works, Bangor, Me.  
 Wickes Bros. (Belt or Steam), Saginaw, Mich. *See adv index at end of book*

### 12939—Saw Mills (Gang)

American Saw Mill Machinery Co., Hack-ettstown, N. J.  
 Diamond Iron Works ("Diamond" Belt, etc), 2nd & 18th, Av N, Minneapolis, Minn.  
 Filler & Stowell Co., Milwaukee, Wis.  
 Giddings & Lewis Mfg. Co., Fond du Lac, Wis.  
 Henderson W. K. Iron Works & Supply Co., Shreveport, La.  
 Stearns Co., Erie, Pa.  
 Union Iron Works, Bangor, Me.  
 Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*

### 12940—Saw Mills (Portable)

Abenague Machine Works (Circular Saw Outfit), Westminster Station, Vt.  
 Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*  
 American Saw Mill Machinery Co., Hack-ettstown, N. J.  
 Aultman & Taylor Machinery Co., Mansfield, O.  
 Burlingame A. Co., Worcester, Mass.  
 Chandler & Taylor Co., Indianapolis, Ind.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Emerson - Brantingham Co. ("Reeves," "Geiser Peerless"), Rockford, Ill.  
 Enterprise Co. ("New Buckeye"), Colum-biana, O.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fisher & Davis Mfg. Co., St. Louis, Mo.  
 Frick Co., Waynesboro, Pa.

Gainesville Iron Works, Gainesville, Ga.  
 Heilman Machine Works, Evansville, Ind.  
 Hensch & Dromgold Co., York, Pa.  
 Howell R. R. & Co., 31st av., Minneapolis, Minn.  
 Ireland Machine & Foundry Co., Nor-wich, N. Y.  
 Keck-Gonnermann Co., Mount Vernon, Ind.  
 Liddell Co., Charlotte, N. C.  
 Lombard Iron Works & Supply Co., Au-gusta, Ga.  
 Lyon Iron Works, Greene, N. Y.  
 Mecklenburg Iron Works, Charlotte, N. C.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Rumely M. Co. ("Gear Scott"), La Porte, Ind.  
 Russell & Co., Massillon, O.  
 Salem Iron Works, Winston-Salem, N. C.  
 Scheidler Machine Works, Newark, O.  
 Sergeant Mfg. Co., Greensboro, N. C.  
 Southern Engine & Boiler Works, Jackson, Tenn.  
 Standard Saw Mill Machinery Co., Erie, Pa.  
 Thomas Albright Co., Goshen, Ind.  
 Westinghouse Co., Schenectady, N. Y.

### Saw Re-Toothers

See Saw Stretching Machines

### Saw Rigs (Portable)

See Sawing Rigs, Portable

### 12941—Saw Sets

Atkins E. C. & Co., Indianapolis, Ind.  
 Baldwin, Tuthill & Bolton, Grand Rapids, Mich.  
 Bergman Tool Mfg. Co., Buffalo, N. Y.  
 Boker H. & Co. (Imported), 101 Duane, New York  
 Buckeye Saw Vise Co. ("Buckeye," Foot Power), Cleveland, O.  
 Buffum Tool Co. ("Swastika" Carpenters'), South Side, Louisiana, Mo.  
 Bullock Mfg. Associates ("Lester," "Leach Pattern," "Aiken Pattern"), Spring-field, Mass.  
 Covell Mfg. Co., Benton Harbor, Mich.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston Hy. & Sons ("Monarch," "Cham-pion," "Bully Boy," "Samson," "Star," "Triumph"), Tacony, Phila., Pa.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Holt G. L. Co. ("Holt"), Hartford, Conn.  
 Humason & Beckley Mfg. Co. ("Nash's" Hardware Specialties), New Britain, Conn.  
 Hurst H. L. Mfg. Co., Canton, O.  
 Johnson Wm. (Hedenberg Works, Ham-mer, Common & Stillman Lever), Newark, N. J.  
 Kilborn & Bishop Co. (Whiting," "Wood-man," "Handy" Forged), New Haven, Conn.

## Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.



Lowentraut P. Mfg. Co. ("Aiken's"), 36  
Brenner, Newark, N. J.  
Morrill Chas. ("Morrill" & "Apex"  
Brands), 100 Lafayette, New York  
Peck, Stow & Wilcox Co., Southington,  
Conn.  
Prouty C. & Co. (Steel), Eldred, Pa.  
Sargent & Co. ("Aiken Pattern," "S. &  
Co."), New Haven, Conn.  
Sayre L. A. Co. ("Holt Pattern," "Mor-  
rill Pattern," "Peerless," "Aiken Pat-  
tern"), 332 Mulberry, Newark, N. J.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
Smith Seymour & Son (Hammer & Lever),  
Oakville, Conn.  
**SMITH & HEMENWAY CO.**, 76 Cham-  
bers, New York  
*See adv index at end of book*  
Springfield Machine Co., Springfield, Mass.  
Stearns E. C. & Co. ("Stearns"), 450  
Oneida, Syracuse, N. Y.  
Vom Cleff & Co. (Imported), 105 Duane,  
New York

#### 12942— Saw Slashers

**ALLIS-CHALMERS MFG. CO.**, Milwau-  
kee, Wis. *See adv index at end of book*  
**Diamond Iron Works**, 2nd & 18th av N,  
Minneapolis, Minn.  
Filer & Stowell Co., Milwaukee, Wis.  
Garland M. Co., Bay City, Mich.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*

#### Saw Swages

See Swages, Saw

#### Saw Tables

See Saw Benches or Tables; also Saw  
Tables for Metal

#### 12943—Saw Tables for Metal

Bridgeport Engineering Co., Bridgeport,  
Conn.  
**GRABO E. O. MACHINE WORKS**, 180  
Centre, New York  
Hub Machine Welding & Contracting Co.  
("Acme"), 22nd & Race, Phila., Pa.

#### 12944— Saw Teeth

Corley Mfg. Co., Chattanooga, Tenn.  
Keystone Drop Forge Works (Drop Forge),  
Chester, Pa.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
Southern Saw & Machy. Works, Atlanta,  
Ga.

#### 12945—Saw Teeth (Diamond)

Acme Diamond Tool Co., 56 Liberty, New  
York  
Meyers Willard F. Machine Co. ("Diabra-  
sive"), 614 Hamilton, Astoria, N. Y.

#### 12946—Saw & Hook (Pruning)

Cronk & Carrier Mfg. Co. ("Elmira"), El-  
mira, N. Y.

#### 12947—Saw & Rotary Planer (Com- bined)

Whitman Agricultural Co., 7000 S B'way,  
St. Louis, Mo.

#### 12948— Sawdust

Chapin-Stephens Co. (Boxwood), Pine  
Meadow, Conn.  
Estes E. B. & Sons (Boxwood, Hardwood,  
Softwood, etc), 358 5th av, New York  
*See adv index at end of book*  
Herne J. F. Co. (Hardwood), Sanford,  
Boston, Mass.  
Lignum Chemical Works (Rock Maple &  
Boxwood), Morgan av, Brooklyn, N. Y.  
**NATIONAL SAWDUST CO.** (All Kinds for  
All Purposes), 102 N 1st, B'klyn, N. Y.  
Sommer John Faucet Co. (Turkey Box-  
wood), 355 Central av, Newark, N. J.

#### 12949—Sawing Rigs (Engine Driven, Combination)

Whitman Agricultural Co., 7000 S B'way,  
St. Louis, Mo.

#### 12950—Sawing Rigs (Portable)

Badger Gas & Gasoline Engine Co., Kan-  
sas City, Kans.  
C. H. & E. Mfg. Co. ("C. H. & E." with  
Power "built in" for Contractors, etc),  
384 Clinton, Milwaukee, Wis.  
Carpenter Geo. B. & Co., 440 Wells, Chi-  
cago, Ill.  
Charter Gas Engine Co. (For Cord Wood  
or Pole Sawing), Sterling, Ill.  
Emerson-Brantingham Co. ("Geiser"  
Equipped with Gasoline Engine),  
Rockford, Ill.  
Fairbanks, Morse & Co. (With Engine),  
900 S Wabash av, Chicago, Ill.  
Kansas City Engine Works ("Elliott"),  
Kansas City, Mo.  
Novo Engine Co., Lansing, Mich.  
Oshkosh Mfg. Co. ("Oshkosh"), Oshkosh,  
Wis.  
Parks Ball Bearing Machine Co., Cincin-  
nati, O.

Stover Engine Works (With Gasoline En-  
gine), Freeport, Ill.  
Termaat & Monahan Co., Oshkosh, Wis.  
United Engine Co., Lansing, Mich.  
Whitman Agricultural Co., 7000 S B'way,  
St. Louis, Mo.  
Witte Engine Works (Stationary), 16th  
& Oakland, Kansas City, Mo.  
**Worthington Pump & Machy. Corp.**, 115  
B'way, New York

#### 12951—Sawing Rigs (Portable Rip Swing Cross-Cut)

Oshkosh Mfg. Co. ("Oshkosh," Heavy),  
Oshkosh, Wis.

#### 12952— Saws

Under This Heading See Sub-classifications

**Albany Saw Works**, Albany, N. Y.  
Ambler Saw Mfg. Co., Natick, Mass.  
Atkins E. C. & Co., Indianapolis, Ind.  
Barcus Bros., Muskegon, Mich.  
Barnes Tool Co., New Haven, Conn.  
Beach Mfg. Co. (Cut-Off Wood, Double &  
with 2 & 3 Tracks), Montrose, Pa.  
**Birmingham Saw Works**, Birmingham,  
Ala.  
Bishop George H. & Co., Lawrenceburg,  
Ind.  
Broadhead Jos., Manistee, Mich.  
Buckeye Saw Mfg. Co., Columbus, O.  
California Saw Works, 721 Brannan, San  
Francisco, Cal.  
Canton Saw Co., Canton, O.  
Chattanooga Saw Works, Chattanooga,  
Tenn.  
Clemson Bros., Middletown, N. Y.  
Cocker Saw Mfg. Co., Lockport, N. Y.  
Curtis & Co., Mfg. Co., 1571 Kienlen av,  
St. Louis, Mo.  
Detroit Saw & Tool Co., Detroit, Mich.  
**DIAMOND SAW & STAMPING WORKS**  
("Sterling" Hack), 357 7th, Buffalo,  
N. Y. *See adv index at end of book*  
Disston Henry & Sons, Tacony, Phila., Pa.  
Edge Frank & Co., Grand Rapids, Mich.  
Emerson, Smith & Co. (Ltd.), Beaver  
Falls, Pa.  
Fisherville Saw Co., Penacook, N. H.  
Gerlach Peter Co., 1712 Winter, Cleve-  
land, O.  
Goes Oscar & Co., 1822 W Lake, Chicago,  
Ill.  
Goodrich H. M., Bellingham, Wash.  
Hoe R. & Co., 504 Grand, New York  
Hunter Saw & Machine Co. (Circular Saws  
for Metal), 57th & Butler, Pittsburgh,  
Pa.  
Huther Bros. Saw Mfg. Co., Rochester,  
N. Y.  
Jennings C. E. & Co. (Br & L), 71 Murray,  
New York  
Kennedy Ralph M., 111 N 7th, Phila., Pa.  
Kentucky Saw Works, Louisville, Ky.  
Lippert E. T. Saw Co., Millvale, Pa.  
McNiece Wm. & Son, 515 Cherry, Phila.,  
Pa.  
Mack & Winkle, 172 Skillman av, Brook-  
lyn, N. Y.  
Massachusetts Saw Works (Hack), Spring-  
field, Mass.  
Menominee Saw Co., Menominee, Mich.  
Michigan Saw Co., Saginaw, Mich.  
National Mfg. & Steel Supply Co. ("Rich-  
ardson Bros."), 15 River, Newark,  
N. J.  
Ohlen J. & Sons Saw Mfg. Co., Columbus,  
O.  
Oldham Joshua & Sons, 112 26th, Brook-  
lyn, N. Y.  
Penfield Saw Works, Bristol, Conn.  
Rex File & Saw Co., Newcomerstown, O.  
Rowe Geo. & Son, 121-23 W 2d, Cincin-  
nati, O.  
Schwartz's M. Sons, Bangor, Me.  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
Southern Saw & Machy. Works ("South-  
ern"), Atlanta, Ga.  
Thompson H. G. & Son Co. (Hack &  
Band for Metal), New Haven, Conn.  
Toland & Son, Front & Low, Baltimore,  
Md.  
Toledo Saw & Supply Co., Toledo, O.  
Washington Saw Co., 2724 6th S, Seattle,  
Wash.

# SIMONDS SAWS

Hack Saws, Slitters, Slotters, Cold Saws, Cir-  
cular, Band, Cross-Cut and Hand Saws. All kinds  
and all sizes. Unquestionably quality leaders.  
Also Machine Knives, Files and Steel Discs.

## SIMONDS MFG. CO.

Established 1832  
FITCHBURG, MASS.

17th Street & Western Ave., Chicago, Ill. 90 West Broadway, New York City



Saws (Back)

See Saws, Mitre Box



**12953—Saws (Band)**

Ambler Saw Mfg. Co., Natick, Mass.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop George H. & Co., Lawrenceburg, Ind.  
 Canton Saw Co., Canton, O.  
 Clemson Bros., Middletown, N. Y.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Detroit Saw & Tool Co., Detroit, Mich.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Edge Frank & Co., Grand Rapids, Mich.  
 Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.  
 Gerlach Peter Co., 1712 Winter, Cleveland, O.  
 Goes Oscar & Co., 1822 W Lake, Chicago, Ill.  
 Griffin G. W. Co., Franklin, N. H.  
 Hastings A. J. & Co., 41 Commercial, Newark, N. J.  
 Henrikson Bernard T. & Co., 664 W Austin, Chicago, Ill.  
 Hoe R. & Co., 504 Grand, New York  
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.  
 Kennedy Ralph M., 111 N 7th, Phila., Pa.  
 Lippert E. T. Saw Co., Millvale, Pa.  
 McNiece Wm. & Son (Imp.), 515 Cherry, Phila., Pa.  
 Moss Arthur J., 178 Centre, New York  
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Racine Tool & Machine Co., Racine, Wis.  
*See adv index at end of book*  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 Southern Saw & Machy. Works ("Southern"), Atlanta, Ga.  
 Standard Saw & Tool Mfg. Co., Kane, Pa.  
 Toland & Son, Front & Low, Baltimore, Md.  
 Toledo Saw & Supply Co., Toledo, O.  
 Wolverine Saw Co. (For Cutting Brass), Detroit, Mich.  
 Zeiller & Nagle, 232 Java, Brooklyn, N. Y.

**Saws (Band Sprue)**

See Band Sprue Sawing Machines

**12954—Saws (Barrel, Stave)**

Disston Hy. & Sons (Cylinder), Tacony, Phila., Pa.

**12955—Saws (Bilge)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Disston Henry & Sons, Tacony, Phila., Pa.

**12956—Saws (Blind Slat)**

Ohlen J. & Sons Saw Mfg. Co., Columbus, O.

**12957—Saws (Bracket)**

Griffin G. W. Co., Franklin, N. H.  
 Millers Falls Co., 28 Warren, New York

**12958—Saws (Buck)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co. (Weed), Lawrenceburg, Ind.  
 Disston Henry & Sons, Tacony, Phila., Pa.

**12959—Saws (Butchers', Etc.)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Brecht Co., 1201 Cass av, St. Louis, Mo.  
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Chatillon Jno. & Sons ("Chatillion"), 85 Cliff, New York  
 Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.  
*See adv index at end of book*  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co. (and Frames), Greenfield, Mass.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
 Massachusetts Saw Works, Springfield, Mass.  
 Millers Falls Co. ("Star" Crucible Steel Back), 28 Warren, New York  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Pittsburgh Saw Co., 216 2d av, Pittsburgh, Pa.

**SIMONDS MFG. CO., Fitchburg, Mass.**

*See adv index at end of book*  
 Thompson H. G. & Son Co. (Polished, also in Coils of 50 feet), New Haven, Conn.

**12960—Saws (Chain Link)**

Union Twist Drill Co., Athol, Mass.

**12961—Saws (Chamfering)**

Huther Bros. Saw Mfg. Co., Rochester, N. Y.

**12962—Saws (Circular)**

American Saw Wks., Hackettstown, N. J.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Barcus Bros., Muskegon, Mich.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Buckeye Saw Mfg. Co. (Inserted & Solid Tooth), Columbus, O.  
 Canton Saw Co., Canton, O.  
 Chattanooga Saw Works (Solid & Inserted Tooth), Chattanooga, Tenn.  
 Clemson Bros., Middletown, N. Y.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co. (Solid & Inserted Teeth), 1571 Kienlen av, St. Louis, Mo.  
 Detroit Saw & Tool Co., Detroit, Mich.  
 Disston Henry & Sons (Inserted Tooth, Gullet Tooth, Solid Tooth), Tacony, Phila., Pa.  
 Eagle Saw Works, Chattanooga, Tenn.  
 Ellis Keystone Agricultural Wks., Pottstown, Pa.  
 Emerson, Smith & Co., Beaver Falls, Pa.  
 Foucart J. E., Williamsport, Pa.  
 Gerlach Peter Co., 1712 Winter, Cleveland, O.  
 Goes Oscar & Co., 1822 W Lake, Chicago, Ill.  
 Goodell-Pratt Co. (For Soft Metal, Bone or Ivory), Greenfield, Mass.  
 Hamachek Frank ("Grant"), Kewaunee, Wis.  
 Hastings A. J. & Co., 41 Commercial, Newark, N. J.  
 Hoe R. & Co., 504 Grand, New York  
 Huther Bros. Saw Mfg. Co. (Solid or Inserted Tooth), Rochester, N. Y.  
 Kennedy Ralph M., 111 N 7th, Phila., Pa.  
 Lippert E. T. Saw Co., Millvale, Pa.  
 McNiece Wm. & Son, 515 Cherry, Phila., Pa.  
 Marston J. M. & Co. (Hand & Foot Power), 226 Ruggles, Boston, Mass.  
 Menominee Saw Co., Menominee, Mich.  
 Michigan Saw Co., Saginaw, Mich.  
 Molthrop Steel Products Co., Beaver Falls, Pa.  
 Moss Arthur J., 178 Centre, New York  
 National Mfg. & Steel Supply Co. ("Richardson Bros."), 15 River, Newark, N. J.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Penfield Saw Works, Bristol, Conn.  
 Quality Saw & Tool Works ("Quality" for Metal), Springfield, Mass.  
 Rowe Geo. & Son., 121-23 W 2d, Cincinnati, O.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 Southern Saw & Machy. Wks. ("Southern"), Atlanta, Ga.  
 Tabor Mfg. Co. ("Taylor-Newbold"), 18th & Hamilton, Phila., Pa.  
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.  
 Toledo Saw & Supply Co., Toledo, O.  
 Washington Saw Co. (Cut-off, Splitting, Spaulding Tooth, Inserted & Solid Tooth, Lath & Mitre, etc), 2724 6th S, Seattle, Wash.  
 Wolverine Saw So., Detroit, Mich.

Hunter Saw & Machine Co. (For Hot or Cold Metal Crucibles, Slate, etc), 57th & Butler, Pittsburgh, Pa.  
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.

**12964—Saws (Circular, Slate)**

Disston Henry & Sons, Tacony, Phila., Pa.  
 Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.

**12965—Saws (Circular, Stone)**

Cocker Saw Mfg. Co., Lockport, N. Y.  
 Lincoln Iron Works (For Soft Stone, etc), Rutland, Vt.  
 Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, Ohio

**Saws (Cold)**

See Cold Saw Cutting-Off Machines

**12966—Saws (Compass)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Hastings A. J. & Co., 41 Commercial, Newark, N. J.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
 S. & I. Co. ("S & I"), Springfield, Mass.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12967—Saws (Concave)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Canton Saw Co., Canton, O.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Disston Henry & Sons (Circular, etc), Tacony, Phila., Pa.  
 Emerson, Smith & Co., Beaver Falls, Pa.  
 Gerlach Peter Co. (Circular), 1712 Winter, Cleveland, O.  
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.  
 Lippert E. T. Saw Co., Millvale, Pa.  
 Menominee Saw Co., Menominee, Mich.  
 Michigan Saw Co., Saginaw, Mich.  
 National Mfg. & Steel Supply Co. ("Richardson Bros."), 15 River, Newark, N. J.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, Ohio  
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12968—Saws (Coping)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bridgeport Hardware Mfg. Corp. ("B. H. M." Auto-Lock), Bridgeport, Conn.  
 Griffin G. W. Co., Franklin, N. H.  
 Jennings C. E. & Co., 71 Murray, New York  
 Millers Falls Co., 28 Warren, New York  
 Quality Saw & Tool Works, Springfield, Mass.  
 S. & I. Company, Springfield, Mass.  
**SMITH & HEMENWAY CO. ("Red Devil")**, 76 Chambers, New York  
*See adv index at end of book*

**12969—Saws (Cross-Cut)**

Albany Saw Works, Albany, N. Y.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Emerson, Smith & Co., Beaver Falls, Pa.  
 Menominee Saw Co., Menominee, Mich.  
 Ohlen J. & Sons' Saw Mfg. Co., Columbus, Ohio  
 Prouty C. & Co., Eldred, Pa.  
 Root B. M. Co., York, Pa.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12963—Saws (Circular, for Metal)**

Atkins E. C. Co., Indianapolis, Ind.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Crowell Mfg. Co. (Fine, for Cutting Gold, Silver, etc), 296 Taaffe pl, Brooklyn, N. Y.  
 Disston Henry & Sons ("Premier" Inserted Tooth), Tacony, Phila., Pa.  
 Goodell-Pratt Co. (Small Sizes Only), Greenfield, Mass.  
 Harris-Corliss Engine & Machine Co., Park, Providence, R. I.  
 Hoe R. & Co., 504 Grand, New York



**12970— Saws (Cylinder)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Gerlach Peter Co., 1712 Winter, Cleveland, O.  
 Ohlen J. & Sons' Saw Mfg. Co., Columbus, Ohio

**12971— Saws (Dehorning)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Jennings C. E. & Co., 71 Murray, New York  
 Ohlen J. & Sons' Saw Mfg. Co., Columbus, Ohio

**12972— Saws (Diamond)**

Anderson Geo. & Co. (Ltd.) (Circular), Newark, N. J.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Meyer W. F. Diamond Saw Co., Bedford, Ind.  
 Meyers Willard F. Machine Co. (Reciprocating & Circular), 614 Hamilton, Astoria, N. Y.  
 Royden Marble Machinery Co., 220 5th av, New York  
 Whittle Chas. L. (For Rocks, Minerals, Fossils, Glass, Porcelain, etc), 50 Congress, Boston, Mass.

**Saws (Drag)**

See Drag Saw Machines

**12973— Saws (Drop)**

United Engineering & Foundry Co. (Motor Driven), 307 5th av, Pittsburgh, Pa.

**12974—Saws (Electric Driven)**

Neil & Smith Electric Tool Co. ("Ideal"), 120 E 6th, Cincinnati, O.  
 Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

**12975—Saws (Endless Chain)**

Yates P. B. Machine Co., Beloit, Wis.

**Saws (Flexible Back Band)**

See Saw Blades, Hack, Flexible Back

**12976— Saws (Gang)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Canton Saw Co., Canton, O.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston Hy & Sons, Tacony, Phila., Pa.  
 Emerson, Smith & Co. (Ltd), Beaver Falls, Pa.  
 Flynn & Emrich Co. (Stone), 305 N Holliday, Baltimore, Md.  
 Foucart J. E., Williamsport, Pa.  
 Hoe R. & Co., 504 Grand, New York  
 Ohlen J. & Sons' Saw Mfg. Co., Columbus, Ohio  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**Saws (Gang, Stone & Slate)**

See Stone Gang Sawing Machines

**12977— Saws (Grooving)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston, Hy. & Sons ("Keystone," Groover or Dado-Head, etc), Tacony, Phila., Pa.  
 Eagle Saw Works, Chattanooga, Tenn.  
 Hoe R. & Co., 504 Grand, New York  
 Huther Bros. Saw Mfg. Co., Rochester, N. Y. *See adv index at end of book*  
 Michigan Saw Co., Saginaw, Mich.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, Ohio  
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**Saws (Hack)**

See Saw Blades & Frames, Hack; also Hack Saw Machines

**12978— Saws (Hack Bench)**

Goodell-Pratt Co., Greenfield, Mass.

**12979— Saws (Hand)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Clemson Bros., Middletown, N. Y.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Hastings A. J. & Co., 41 Commercial, Newark, N. J.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, Ohio  
 S. & I. Co. (Panel & Rip), Springfield, Mass.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 What Cheer Tool Co. ("What Cheer" Miners), What Cheer, Ia.

**12980— Saws (Hand Hack)**

Disston Hy. & Sons, Tacony, Phila., Pa.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**Saws (Heading)**

See Saws, Shingle & Heading

**12981—\*Saws (High Speed Friction)**

Mesta Machine Co. (Pittsburgh, Pa.)  
*See adv index at end of book*

**Saws (Hot, Cut-off)**

See Machines, Hot Sawing

**12982— Saws (Ice)**

Albany Saw Works, Albany, N. Y.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Clemson Bros., Middletown, N. Y.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Gerlach Peter Co., 1712 Winter, Cleveland, O.  
 Gifford-Wood Co. (Field, Electric & Gasoline), Hudson, N. Y.  
 Hoe R. & Co., 504 Grand, New York  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12983—Saws (Inserted Teeth)**

Buckeye Saw Mfg. Co., Columbus, O.  
 Chattanooga Saw Works, Chattanooga, Tenn.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Disston Henry & Sons (Circular, etc), Tacony, Phila., Pa.  
 Hoe R. & Co., 504 Grand, New York  
 Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.  
 Huther Bros. Saw Mfg. Co. (For Cutting Metal), Rochester, N. Y.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 Southern Saw & Machy. Works ("Southern"), Atlanta, Ga.  
 Tabor Mfg. Co. ("Taylor-Newbold"), 18th & Hamilton, Phila., Pa.  
 Tindel-Morris Co. ("Tindel" Patent for Metal), Eddystone, Pa., & Ellwood City, Pa.  
 Washington Saw Co., 2724 6th S, Seattle, Wash.

**12984— Saws (Jewelers')**

Griffin G. W. Co., Franklin, N. H.  
 Millers Falls Co. ("Star"), 28 Warren, New York  
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.  
 West Haven Mfg. Co., West Haven, Conn.  
 Worthington & Raymond (Imp), 47 John, New York

**12985— Saws (Jig)**

See also Saws, Scroll

Atkins E. C. & Co., Indianapolis, Ind.  
 Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.

Edge Frank & Co., Grand Rapids, Mich.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hastings A. J. & Co., 41 Commercial, Newark, N. J.  
 Meyer W. F. Diamond Saw Co., Bedford, Ind.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Royle John & Sons (For Mortising, etc), Straight & Essex, Paterson, N. J.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12986— Saws (Keyhole)**

Bishop George H. & Co., Lawrenceburg, Ind.  
 Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
 S. & I. Co. ("S & I"), Springfield, Mass.

**12987— Saws (Kitchen)**

Bishop George H. & Co., Lawrenceburg, Ind.  
 Bridgeport Hardware Mfg. Corp. (Sanitary), Bridgeport, Conn.  
 Cassady Fairbank Mfg. Co. ("Morris," Armour"), 6126 S La Salle, Chicago, Ill.  
 Christy Knife Co., Fremont, O.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Jennings C. E. & Co., 71 Murray, New York  
 Knickerbocker Mfg. Co., Belleville, N. J.  
 Millers Falls Co. ("Star" Steel Frame), 28 Warren, New York  
**NICHOLS BROS., Greenfield, Mass.**  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 White Ira F. & Son Co., Bloomfield, N. J.

**12988—Saws (Metal Slitting)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Barber-Colman Co., Loomis st, Rockford, Ill.  
**BECKER MILLING MACHINE CO., Hyde Park, Mass.**  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Hastings A. J. & Co., 41 Commercial, Newark, N. J.  
 Hoe R. & Co., 504 Grand, New York  
 Huther Bros. Saw Mfg. Co., Rochester, N. Y.  
 Lincoln-Williams Twist Drill Co., Taunton, Mass.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 National Tool Co., Cleveland, O.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Pratt & Whitney Co., Hartford, Conn.  
 Southern Saw & Machy. Works ("Southern"), Atlanta, Ga.  
 Thurston Mfg. Co. (Jeweler's), 140 Benedict, Providence, R. I.  
 Union Twist Drill Co., Athol, Mass.

**12989— Saws (Mitre Box)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Eagle Saw Works, Chattanooga, Tenn.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12990—Saws (Overhead Cut-Off)**

Conner J W. & Son ("Favorite" Farmer's), Orangeville, Pa.  
 Curtis & Co. Mfg. Co., 15671 Kienlen av, St. Louis, Mo.

**12991— Saws (Piercing)**

Dixon Wm. (Imp.), 39 John, New York

**12992— Saws (Plumbers')**

Atkins E. C. & Co., Indianapolis, Ind.  
 Buffum Tool Co. ("Swastika," Hand & Compass), South Side, Louisiana, Mo.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 S. & I. Co. ("S & I" Hack Saw Blades), Springfield, Mass.



**12993—Saws (Pruning)**

Disston Henry & Sons ("Little Giant" Pruning Hook & Saw, etc), Tacony, Phila., Pa.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s"), 71 Murray, New York  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12994—Saws (Rail & Shop)**

*See also Rail Sawing Machines*  
 Atkins E. C. & Co., Indianapolis, Ind.  
**DIAMOND SAW & STAMPING WORKS** ("Sterling"), 357 7th, Buffalo, N. Y.  
*See adv index at end of book*  
 Disston Hy. & Sons ("Disston" Rail Hack Saws), Tacony, Phila., Pa.  
 Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Q. & C. Co. ("Q. & C." Portable Rail Saws), 90 West, New York

**12995—Saws (Screw Slotting)**

Disston Henry & Sons, Tacony, Phila., Pa.  
**SIMONDS MFG. CO. (Concave), Fitchburg, Mass.** *See adv index at end of book*  
**STARRETT L. S. CO., Athol, Mass.**  
*See adv index at end of book*  
 Thurston Mfg. Co., 140 Benedict, Providence, R. I.

**12996—Saws (Scroll)**

*See also Scroll Sawing Machines; also Saws, Jigs*  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Disston Henry & Sons ("Fays"), Tacony, Phila., Pa.  
 Edge Frank & Co., Grand Rapids, Mich.  
 Emerson, Smith & Co., Beaver Falls, Pa.  
 Griffin G. W. Co., Franklin, N. H.  
 Millers Falls Co. ("Star," "Lester," "New Rogers," "Cricket"), 28 Warren, New York  
 Ohlen J. & Sons Saw Mfg. Co., Columbus, O.  
 Oliver Machinery Co., Grand Rapids, Mich.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
 Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

**12997—Saws (Segment)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Disston Henry & Sons (And Veneering) Tacony, Phila., Pa.  
 Hoe R. & Co., 504 Grand, New York  
 Ohlen J. & Sons Mfg. Co., Columbus, O.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**12998—Saws (Shingle & Heading)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Chattanooga Saw Works, Chattanooga, Tenn.  
 Cocker Saw Mfg. Co., Lockport, N. Y.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av., St. Louis, Mo.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Southern Saw & Machy. Works ("Southern"), Atlanta, Ga.

**12999—Saws (Stone Cutting)**

Anderson Geo. & Co., 420 Ogden, Newark, N. J.  
 Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.  
 Royden Marble Machinery Co. ("Royden" Inserted Carborundum Tooth), 220 5th av, New York

**12999a—Saws (Structural Steel Shapes)**

Roberson W. Machine & Foundry Co. ("Economy"), 56 Rano, Buffalo, N. Y.

**13000—Saws (Swing)**

American Saw Mill Machinery Co., Hackettstown, N. J.  
 American Woodworking Machinery Co., Rochester, N. Y.  
 Badger State Machine Co. (Improved Cut-Off), Janesville, Wis.  
 Baldwin, Tuthill & Bolton, Grand Rapids, Mich.

Bentel & Margedant Co., Hamilton, O.  
 Chandler & Taylor Co., Indianapolis, Ind.  
 Chase Turbine Mfg. Co. (Cut-Off), Orange, Mass.

Colladay Jos. O. Co., 626 Race, Phila., Pa.  
 Connell & Dengler Mach. Co., Rochester, N. Y.

Cordesman-Rechtin Co., Butler, Cincinnati, O.

Crescent Machine Co., Leetonia, O.  
 Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

Diamond Iron Works, 2d & 18th av, N Minneapolis, Minn.

Dodds Alexander Co., Grand Rapids, Mich.  
 Farquhar A. B. Co. (Ltd.) (Cut-Off), York, Pa.

Filer & Stowell Co., Milwaukee, Wis.  
 Fischer Machine Works (6-foot Swing), 1845 Carroll av, Chicago, Ill.

Frank Machinery Co., Buffalo, N. Y.  
 Gee Chas. E. (Improved Cut-Off), Lowell, Mass.

Grammes L. F. & Sons, Allentown, Pa.  
 Hall & Brown Woodworking Machine Co., 1913 N B'way, St. Louis, Mo.

Holmes E. & B. Mach'y Co., Buffalo, N. Y.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.

Huntsville Foundry & Machine Co., Nolan & Jones (Prop's), Huntsville, Ala.

Indianapolis Excelsior Machinery Co. (For Excelsior), Indianapolis, Ind.

Jones Superior Machine Co. ("Superior" Cast Frame), 1264 W North av, Chicago, Ill.

Kane & Roach, Syracuse, N. Y.  
 Knight Mfg. Co., Canton, O.

Lane Mfg. Co., Montpelier, Vt.  
 Luther B. G. Co., Worcester, Mass.

Moffit Iron Works Co. (Cut-Off), Sanford, N. C.

Murray D. J. Mfg. Co., Wausau, Wis.  
 National Woodworking Machine Co., Dover, N. H.

Newman Machine Co., Greenboro, N. C.  
 Ober Mfg. Co. (Cut-Off), Chagrin Falls, O.

Oliver Machinery Co., Grand Rapids, Mich.  
 Porter C. O. Machinery Co., Grand Rapids, Mich.

Power L. & Co., 20 S 23d, Phila., Pa.  
 Root B. M. Co., York, Pa.

Sidney Tool Co., Sidney, O.  
 Silver Mfg. Co. ("Silvers"), Salem, O.

Smith H. B. Machine Co. (Swing Cut-Off), Smithville, N. J.

Southern Engine & Boiler Works, Jackson, Tenn.

Southern Saw Works ("Southern"), Atlanta, Ga.

Standard Saw Mill & Machinery Co., Erie, Pa.

Strait H. N. Mfg. Co. (For Cooperage, etc.) Kansas City, Kan.

Union Iron Works, Bangor, Me.  
 U. S. Mach. Co. (Iron Frame), Williamsport, Pa.

U. S. Wind Engine & Pump Co., Batavia, Ill.

West Side Iron Works ("West Side" Cut-Off), Grand Rapids, Mich.

Wheland Co., Chattanooga, Tenn.  
 Wickes Bros., Saginaw, Mich.

*See adv index at end of book*  
 Wright Chas. E. Co., Kenilworth, N. J.

Yates P. B. Machine Co., Beloit, Wis.

**13001-2—Saws (Tree Felling, Power Driven)**

Clyde Iron Works (Gasoline), Duluth, Minn. *See adv index at end of book*

**13003—Saws (Veneer)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Eagle Saw Works, Chattanooga, Tenn.

Hoe R. & Co., 504 Grand, New York

**13004—Saws (Web)**

Disston Hy. & Sons, Tacony, Phila., Pa.

**13005—Saws (Whip)**

Disston Hy. & Sons, Tacony, Phila., Pa.

**Saws (Wood)**

*See Wood Sawing Machines*  
 Also Saws, Buck

**13005a—Scabbards**

Brauer Bros. Mfg. Co. (Knife & Rifle), 204 N 14th, St. Louis, Mo.  
 Straus Jacob Saddlery Co. (Knife & Rifle), 410 N 6th, St. Louis, Mo.  
 Worcester Pressed Steel Co. (Bayonet), Columbus, O.

**13006—Scabbards (Knife & Rifle)**

Brauer Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

**13006a—Scabbards (Sword)**

Schilling Charles, Philadelphia, Pa.

**13007—Scaffold Builders**

Brown J. K. & Co., 181 3d av, Brooklyn, N. Y.  
 Chesebro Whitman Co., 1167 1st av, New York  
 Corbett & Co., 429 E 109th, New York  
 Faragher John, 812 So. Brooks, Madison, Wis.  
 Fuller H. B. Co. ("Fuller" All Steel Adjustable), 188 W 3d, St. Paul, Minn.  
 Noyes Wm. H. Co., 154 1st, Newark, N. J.  
 Portland Ladder Co. ("Excelsior" Folding Extension Trestle or Scaffold Horse), 130 Orange, Newark, N. J.  
 Reilley Bros. Ladder Co., 324 W 41st, New York  
 Rockaway Ladder Co., Newark, N. J.  
 Schad Chas., 11 Jefferson, Brooklyn, N. Y.  
 Steel Scaffolding Co. (Steel), Evansville, Ind.

**Scagliola Work**

*See Marble, Artificial*

**13008—Scalders (Hog)**

Heller-Aller Co., Napoleon, O.  
 Kelly Foundry & Machine Co. ("Goshen"), Goshen, Ind.  
 Kretschmer Mfg. Co., Council Bluffs, Ia.  
 Sperry D. R. & Co. (For Farm use), North Aurora, Ill.

**13009—Scalders (Tomato, for Canners)**

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

**13010-11—Scalers (Fish)**

Chatillion Jno. & Sons, 85 Cliff, New York  
 Covert Saddlery Works, Interlaken, N. Y.  
**GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.** *See adv index at end of book*  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Landers, Frary & Clark, New Britain, Conn.  
 Meisselbach A. F. & Bros. ("Good Luck" Scrapers), 29 Congress, Newark, N. J.  
 National Brass Mfg. Co., Rochester, N. Y.  
 Reading Saddle & Mfg. Co., Reading, Pa.  
 Royal Mfg. Co., Denckla bldg, Phila., Pa.  
 Southington Hardware Co., Southington, Conn.  
 Williams A. C. Co., Ravenna, O.  
 Wrightsville Hardware Co. (Japanned), Wrightsville, Pa.

**Scales (Abattoir)**

*See Scales, Beam*

**Scales (Armor Plate)**

*See Scales, Rolling Mill*

**Scales (Auto Truck)**

*See Scales, Platform or Wagon*

**13012-13—Scales (Automatic)**

American Machinery Co. ("American Bond"), 1229 Callowhill, Phila., Pa.  
 Automatic Weighing Machine Co. (Weighing & Packing), 138 Commerce, Newark, N. J.  
 Bond Scale Co., Los Angeles, Cal.  
 Detroit Automatic Scale Co., 608 Woodward av, Detroit, Mich.  
 Edtbauer E., 817 Washington blvd, Chicago, Ill.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Hoepner Automatic Scale Co., 1401 W Jackson blvd, Chicago, Ill.



Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.  
 Pneumatic Scale Corp. (Ltd.), Norfolk  
 Downs, Mass.  
 Richardson Scale Co. (For all Crushed,  
 Granular & Powdered Materials), Pas-  
 saic, N. J.  
 Streeter-Amet Weighing & Recording Co.,  
 4101 Ravenswood av, Chicago, Ill.  
 Sturtevant Mill Co., Clayton & Park, Dor-  
 chester, Boston, Mass.  
**WERNER & PFLEIDERER CO.**, Saginaw,  
 Minn. See adv index at end of book

### Scales (Bag & Barrel)

See Scales, Platform or Wagon

### Scales (Balance)

See Balances, Assay & Analytical  
 Also Balances, Spring

### 13014— Scales (Beam)

Buffalo Scale Co., Inc., 1205 Niagara, Buf-  
 falo, N. Y.  
 Fairbanks E. & T. & Co., St. Johnsbury,  
 Vt.  
 Forschner R. H. Co., 230 3d av, New York  
 Gaston's N. B. Sons Co., Beloit, Wis.  
 Mason, Davis & Co. ("Chicago"), 7740  
 S Chicago av, Chicago, Ill.  
 Peck, Stow & Wilcox Co., Southington,  
 Conn.  
 Robidoux Jos. & Co. (Weighmasters'), 194  
 Front, New York  
 Sargent & Co., New Haven, Conn.  
 Standard Scale & Supply Co. ("The Stand-  
 ard" Recording Beam), 1631 Liberty  
 av, Pittsburgh, Pa.  
 Strait Scale Co., Kansas City, Kans.  
 Weeks Scale Works, Mt. Jewett, Pa.

### Scales (Boiler Room)

See Scales, Suspended for Boiler Rooms

### 13015— Scales (Bullion)

Buffalo Scale Co. (Inc.), (Troy Weight),  
 1205 Niagara, Buffalo, N. Y.

### 13016—Scales (Butchers' Suspen- sion)

Buffalo Scale Co. (Inc.), 1205 Niagara,  
 Buffalo, N. Y.

### Scales (Cattle)

See Scales, Stock

### Scales (Cement Testing)

See Testing Machines, Cement

### 13017— Scales (Charging)

Fairbanks Co., 416 Broome, New York  
 Richardson Scale Co. (Automatic), Pas-  
 saic, N. J.  
 Standard Scale & Supply Co. ("The Stand-  
 ard"), 1631 Liberty av, Pittsburgh,  
 Pa.

### Scales (Coal)

See Scales, Platform & Wagon

### 13018—Scales (Coal, Automatic)

Fairbanks Co., 416 Broome, New York  
 Richardson Scale Co., Passaic, N. J.

### Scales (Coal Mine)

See Scales, Miners & Transportation

### Scales (Coal Tipple)

See Scales, Tipple

### 13019—Scales (Coal Traveling)

Richardson Scale Co. (Automatic Check-  
 ing Feed to Boilers), Passaic, N. J.  
 Standard Scale & Supply Co., 1631 Liberty  
 av, Pittsburgh, Pa.

### 13020— Scales (Computing)

Anderson Computing Scale Co., Anderson,  
 Ind.  
 Angidile Computing Scale Co., Elkhart,  
 Ind.  
 Computer Mfg. Co., 268 Market, San Fran-  
 cisco, Cal.  
 Computing Scale Co. ("Dayton"), Day-  
 ton, O.

Detroit Automatic Scale Co., Detroit,  
 Mich.

Fairbanks E. & T. & Co., St. Johnsbury,  
 Vt.

Fairbanks, Morse & Co., 900 S Wabash av,  
 Chicago, Ill.

Kansas City Scale & Supply Co., Kansas  
 City, Mo.

Standard Computing Scale Co., Fort &  
 Hastings, Detroit, Mich.

Strubler Computing Scale Co., Elkhart,  
 Ind.

Toledo Scale Co., Toledo, O.

Triner Scale & Mfg. Co., 2714 W 21st,  
 Chicago, Ill.

Virginia Forgings & Mfg. Co., Richmond,  
 Va.

### 13021— Scales (Conveyor)

Merrick Scale Mfg. Co. ("Weighto-  
 meter"), Passaic, N. J.

### 13022— Scales (Cotton)

Buffalo Scale Co. (Inc.), (Southern Cotton,  
 Wool & Cotton, Drmant Cotton, etc),  
 1205 Niagara, Buffalo, N. Y.

### 13023— Scales (Counter)

See Also Scales, Computing

Amer. Cutlery Co., 764 Mather, Chicago,  
 Ill.

**BUFFALO SCALE CO., INC.**, 1205 Niag-  
 ara, Buffalo, N. Y.

Chatillon Jno. & Sons, 85 Cliff, New York

Dell John C. & Son, 422 Vine, Phila., Pa.

Dodge Scale Co., 126 11th av, New York

Fairbanks Co., 416 Broome, New York

Fairbanks E. & T. & Co., St. Johnsbury,  
 Vt.

Fairbanks, Morse & Co., 900 S Wabash  
 av, Chicago, Ill.

Forschner R. H. Co., 230 3d av, New York

Hanson Bros., 525 N Ada, Chicago, Ill.

Howe Scale Co., Rutland, Vt.

Jacobs Bros. Co., 78 Warren, New York

Jones of Binghamton (Inc.), ("Clover  
 Leaf," Rensselaer Bang Up," "Little  
 Scheoner," "Royal," "Parlor City  
 Candy," "Old Reliable Union"), Bing-  
 hamton, N. Y.

Knowles Scale Works, Lowell, Mass.

Landers, Frary & Clark ("Columbia,"  
 "Landers," "Turnbull's" Spring), New  
 Britain, Conn.

Mason, Davis & Co. ("Chicago"), 7740 S  
 Chicago av, Chicago, Ill.

National Scale Co., 11 Hendricks, Chico-  
 pee Falls, Mass.

Peck, Stow & Wilcox Co., Southington,  
 Conn.

Pelouze Mfg. Co. ("Deaf," "Champion"),  
 232 E Ohio, Chicago, Ill.

Reading Hardware Co., Reading, Pa.

Smith Scale Co., 611 N 4th, Columbus, O.

**SPENCER'S I. S. SONS (INC.)**, Guilford,  
 Conn.

Standard Scale & Supply Co. ("The Stand-  
 ard"), 1631 Liberty av, Pittsburgh, Pa.

Toledo Scale Co., Toledo, O.

Triner Scale & Mfg. Co., 2714 W 21st,  
 Chicago, Ill.

Troemner Henry, 911 Arch, Phila., Pa.

Weeks Scale Works, Mt. Jewett, Pa.

### Scales (Crane or Suspended)

See Scales, Suspended, for Boiler Rooms

### 13023a— Scales (Creamery)

See also Scales, Dairy

Gaston's N. B. Sons Co. (Folding), Beloit,  
 Wis.

### 13023b— \*Scales (Cutlery)

Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book

### 13024— Scales (Dairy)

Buffalo Scale Co. (Inc.) (Cheese Factory,  
 Suspensions, Butter, etc), 1205 Niag-  
 ara, Buffalo, N. Y.

Fairbanks Co., 416 Broome, New York

Fairbanks, Morse & Co., 900 S Wabash  
 av, Chicago, Ill.

Gaston's N. B. Sons Co. (Folding), 715  
 Race, Beloit, Wis.

### 13025— Scales (Dormant)

American Scale Co. ("American"), Kan-  
 sas City, Mo.

Beckman Bros ("American"), Des Moines,  
 Ia.

**BUFFALO SCALE CO., INC.**, 1205 Niag-  
 ara, Buffalo, N. Y.

Fairbanks Co., 416 Broome, New York

Fairbanks E. & T. & Co., St. Johnsbury,  
 Vt.

Fairbanks, Morse & Co., 900 S Wabash  
 av, Chicago, Ill.

Gaston's N. B. Sons Co., Beloit, Wis.

Kansas City Hay Press Co. ("Lightning"),  
 Kansas City, Mo.

Mason, Davis & Co. ("Chicago"), 7740 S  
 Chicago av, Chicago, Ill.

Rome Scale & Mfg. Co., Rome, Ga.

Strait Scale Co., Kansas City, Kan.

Weeks Scale Works, Mt. Jewett, Pa.

Buffalo Scale Co. (Inc.), 1205 Niagara,  
 Buffalo, N. Y.

Torsion Balance Co. ("Torsion"), 92 Reade,  
 New York

### 13026— Scales (Druggists' & Chemists')

American Scale Co., Kansas City, Mo.

Buffalo Scale Co. (Inc.), 1205 Niagara,  
 Buffalo, N. Y.

Fairbanks Co., 416 Broome, New York

Fairbanks E. & T. & Co., St. Johnsbury,  
 Vt.

Fairbanks, Morse & Co., 900 S Wabash av,  
 Chicago, Ill.

Gaston's N. B. Sons Co. (Folding), Beloit,  
 Wis.

Standard Scale & Supply Co. ("The Stand-  
 ard"), 1631 Liberty av, Pittsburgh,  
 Pa.

Winslow Government Standard Scale  
 Works (M. H. Winslow, Prop), Terre  
 Haute, Ind.

### 13028— Scales (Elevator)

Richardson Scale Co. (Automatic), Pas-  
 saic, N. J.

### 13029— Scales (Family)

American Cutlery Co. (Steel & White Tile  
 Top), 764 Mather, Chicago, Ill.

Fairbanks Co., 416 Broome, New York

Gaston's N. B. Sons Co. (Folding), Beloit,  
 Wis.

Hanson Bros., 525 N Ada, Chicago, Ill.

Landers, Frary & Clark ("Columbia,"  
 "Landers"), New Britain, Conn.

Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.

Standard Scale & Supply Co. ("The Stand-  
 ard"), 1631 Liberty av, Pittsburgh,  
 Pa.

Triner Scale & Mfg. Co., 2714 W 21st, Chi-  
 cago, Ill.

### 13030— \*Scales (Flour)

Werner & Pfeleiderer Co., Saginaw, Wis.  
 See adv index at end of book

### Scales (Fluid)

See Scales, Liquid & Oil Weighing

### 13031—Scales for Balancing Planer Saws

Fairbanks Co., 416 Broome, New York  
 Munson Co., Grand Rapids, Mich.

### 13032— Scales for Drawing

Alteneader Theo. & Sons, 945 Ridge av,  
 Phila., Pa.

Brown & Sharpe Mfg. Co., Providence, R. I.

Elliott B. K. Co., 126 6th, Pittsburgh, Pa.

Keuffel & Esser, Hoboken, N. J.

Pease C. F. Co., 220 W Institute pl, Chi-  
 cago, Ill.

**STARRETT L. S. CO.**, Athol, Mass.  
 See adv index at end of book

### Scales (Foundry)

See Scales, Beam

### 13033—Scales (Glass Blowers')

Howe Scale Co., Rutland, Vt.

### 13034—Scales (Grain Testing)

Buffalo Scale Co. (Inc.), 1205 Niagara,  
 Buffalo, N. Y.

Cincinnati Scale Mfg. Co., 312 Walnut,  
 Cincinnati, O.

Fairbanks Co., 416 Broome, New York

Fairbanks E. & T. & Co., St. Johnsbury,  
 Vt.



Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Howe Scale Co., Rutland, Vt.  
 Jones of Binghamton (Inc.), Binghamton, N. Y.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Nordyke & Marmon Co., Indianapolis, Ind.  
 Pratt & Whitney Co., Hartford, Conn.  
 Torsion Balance Co. ("Torsion"), 92 Reade, New York  
 Weeks Scale Works, Mt. Jewett, Pa.

### 13035— Scales (Hopper)

Beckman Bros., Des Moines, Ia.  
**BUFFALO SCALE CO., INC.** (Suspension Coal), 1205 Niagara, Buffalo, N. Y.  
 Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.  
 Dayton Pitless Scale Co. ("Boulton's Improved Pitless"), Dayton, O.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Gaston's N. B. Sons Co. (Grain Hopper), Beloit, Wis.  
 Howe Scale Co., Rutland, Vt.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.  
 Queen City Scale Co., 1628 John, Cincinnati, O.  
 Richardson Scale Co. (Automatic Stationary & Portable), Passaic, N. J.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
 Strait Scale Co., Kansas City, Kan.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*  
 Winslow Government Scale Works, Terre Haute, Ind.

### 13036— Scales (Jockey)

Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.

### 13037—Scales (Liquid & Oil Weighing)

Buffalo Scale Co. (Inc.), 1205 Niagara, Buffalo, N. Y.  
 Deming Apparatus Co., 1015 Maison Blanche, New Orleans, La.  
 Richardson Scale Co. (Automatic Tank Scales), Passaic, N. J.  
 Standard Scale & Supply, 1631 Liberty av, Pittsburgh, Pa.  
 Weeks Scale Works (Liquid Receptacles), Mt. Jewett, Pa.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*

### 13038—Scales (Miners' & Transportation)

**BUFFALO SCALE CO., INC.**, 1205 Niagara, Buffalo, N. Y.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Weeks Scale Works, Mt. Jewett, Pa.

### 13039— Scales (Moisture)

Buffalo Scale Co. (Inc.), (For Smelting Plants, Glass Blowers, etc), 1205 Niagara, Buffalo, N. Y.

### Scales (Oil)

See Scales, Platform or Wagon

### Scales (Packing House)

See Scales, Beam

### 13040—Scales (Parcels Post)

See also Scales, Counter, also Scales, Postal  
 Amer. Cutlery Co., 764 Mather, Chicago, Ill.  
 Chatillion Jno. & Sons, 85 Cliff, New York  
 Computing Scale Co., Dayton, O.  
 Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.  
 Triner Scale & Mfg. Co., 2714 W 21st, Chicago, Ill.

### Scales (Pig Iron, Etc.)

See Scales, Rolling Mills

### 13041— Scales (Pitless)

Beckman Bros. ("American"), Des Moines, Ia.  
 Brunner Foundry & Mfg. Co. ("Brunner"), Peru, Ill.  
 Dayton Pitless Scale Co., Dayton, O.  
 Fairbanks, Morse & Co. ("Moline," "Victor"), 900 S Wabash av, Chicago, Ill.  
 Gaston's N. B. Sons Co., Beloit, Wis.  
 Howe Scale Co., Rutland, Vt.  
 Kansas City Hay Press Co. ("Lightning"), Kansas City, Mo.  
 King Drill Mfg. Co., Nebraska City, Neb.  
 Lennox Machine Co. ("Lennox"), 2558 W 16th, Chicago, Ill.  
 Meadows Mfg. Co. ("Meadows"), Pontiac, Ill.  
 Moline Plow Co. ("McDonald," Pitless Wagon or Stock), Moline, Ill.  
 Scott Hay Press Co. ("O. K."), Kansas City, Mo.  
 Stimpson Scale & Electric Co. ("Stimpson"), Northville, Mich.  
 Weeks Scale Works, Mt. Jewett, Pa.

### 13042—Scales (Platform or Wagon)

American Scale Co., Kansas City, Mo.  
 Barker Sam'l G. & Son, Scranton, Pa.  
 Beckman Bros. ("American"), Des Moines, Ia.  
 Brunner Foundry & Mfg. Co. ("Brunner"), Peru, Ill.  
**BUFFALO SCALE CO., INC.**, 1205 Niagara, Buffalo, N. Y.  
 Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.  
 Dayton Pitless Scale Co. ("Boulton's" Pitless Scale & Folding Stock Rack), Dayton, O.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co. ("Fairbanks," "Moline," "Victor"), 900 S Wabash av, Chicago, Ill.  
 Forschner R. H. Co. (Platform Only), 230 3d av, New York  
 Gaston's N. B. Sons Co., Beloit, Wis.  
 Howe Scale Co., Rutland, Vt.  
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*  
 Jacob Bros. Co., 78 Warren, New York  
 Jones of Binghamton (Inc.), Binghamton, N. Y.  
 Kansas City Hay Press Co., Kansas City, Mo.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Meyer Scale & Hardware Co., 409 Elizabeth av, Newark, N. J.  
 Nordeen H. G., Everett, Wash.  
 Nordyke & Marmon Co., Indianapolis, Ind.  
 Rome Scale & Mfg. Co., Rome, Ga.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
 Stimpson Scale & Electric Co. (Wagons, Portable Platform), Northville, Mich.  
 Strait Scale Co., Kansas City, Kan.  
 Toledo Scale Co., Toledo, O.  
 Weeks Scale Works, Mt. Jewett, Pa.  
 Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

### 13043—Scales (Platform, Portable)

American Cutlery Co., 764 Mather, Chicago, Ill.  
 American Scale Co., Kansas City, Mo.  
 Bennington Scale Co. ("Bennington"), Bennington, Vt.  
 Chatillion Jno. & Sons, 85 Cliff, New York  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co. ("Fairbanks," "Victor"), 900 S Wabash av, Chicago, Ill.  
 Gaston's N. B. Sons Co., Beloit, Wis.  
 Knowles Scale Works, Lowell, Mass.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Rome Scale & Mfg. Co., Rome, Ga.  
 Strait Scale Co., Kansas City, Kan.  
 Toledo Scale Co., Toledo, O.  
 Weeks Scale Works, Mt. Jewett, Pa.

### 13044—Scales (Portable Suspension)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

### 13045— Scales (Postal)

American Cutlery Co. (Official), 764 Mather, Chicago, Ill.  
 Atwater S. I., 101 Lafayette, New York  
 Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Forschner R. H. Co., 230 3d av, New York  
 Pelouze Mfg. Co., 232 E Ohio, Chicago, Ill.  
 Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.  
 Strait Scale Co., Kansas City, Kan.  
 Triner Scale & Mfg. Co. ("Gem"), 2714 W 21st, Chicago, Ill.  
 Weis Mfg. Co. ("Weis"), Monroe, Mich.

### Scales (Railroad Track)

See Scales, Track

### 13046— Scales (Revolving)

Sawyer W. H. & Sons Co. ("Sawyer-Fulford"), Americus, Ga.

### 13047—Scales (Rolling Mill)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Gaston's N. B. Sons Co., Beloit, Wis.  
 Richardson Scale Co., Passaic, N. J.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
 Strait Scale Co., Kansas City, Kan.

### 13048—Scales (Sacking, Automatic)

Richardson Scale Co., Passaic, N. J.

### 13049—Scales (Shipping & Receiving)

Richardson Scale Co., Passaic, N. J.

### 13050— Scales (Silk Trip)

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.

### Scales (Spring)

See Balances, Spring

### 13051—Scales (Stock & Wagon)

American Scale Co., Kansas City, Mo.  
 Beckman Bros. ("American"), Des Moines, Ia.  
 Brunner Foundry & Mfg. Co. ("Acme"), Peru, Ill.  
**BUFFALO SCALE CO., INC.**, 1205 Niagara, Buffalo, N. Y.  
 Dayton Pitless Scale Co. ("Boulton's Improved Pitless"), Dayton, Ohio  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co. ("Fairbanks," "Victor," "Moline"), 900 S Wabash av, Chicago, Ill.  
 Gaston's N. B. Sons Co. (Pit & Pitless), Beloit, Wis.  
 Howe Scale Co., Rutland, Vt.  
 Jones of Binghamton (Inc.), Binghamton, N. Y.  
 Kansas City Hay Press Co. ("Lightning" Pitless), Kansas City, Mo.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Moline Plow Co. ("McDonald"), Moline, Ill.  
 Queen City Scale Co. (Repair), 1628 John, Cincinnati, O.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
 Stimpson Scale & Electric Co., Northville, Mich.  
 Strait Scale Co., Kansas City, Kan.  
 Weeks Scale Works, Mt. Jewett, Pa.  
 Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.



**13052—Scales (Suspended, for Boiler Rooms)**

Buffalo Scale Co., Inc., 1205 Niagara, Buffalo, N. Y.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Richardson Scale Co. (Automatic), Passaic, N. J.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.

**13053—Scales (Talking)**

United Vending Co., Cleveland, O.

**13054—Scales (Testing)**

Chatillon Jno. & Sons (Shell), 85 Cliff, New York  
 Daigger A. & Co. (Asphalt), 54 W Kinzie, Chicago, Ill.  
 Delaware Metal Refinery ("Richards" Specific Gravity for White Metals), 18th & Washington av, Phila., Pa.  
 Torsion Balance Co. ("Torsion," Cream, Cement, Butter, Sand, etc), 92 Reade, New York

**13055—Scales (Thermometer & Barometer)**

Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.

**13056—Scales (Tipple)**

Buffalo Scale Co., Inc. (Coal Tipple), 1205 Niagara, Buffalo, N. Y.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Niles Mine & Mill Supply Co., William-son bldg, Cleveland, O., & Niles, O.  
 Richardson Scale Co., Passaic, N. J.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
 Strait Scale Co., Kansas City, Kan.  
 Winslow Government Scale Works (M. H. Winslow, Prop) (Mine Pan), Terre Haute, Ind.

**13057—Scales (Track)**

Barker S. G. & Son, Scranton, Pa.  
 Beckman Bros. ("American"), Des Moines, Ia.  
 Brunner Foundry & Mfg. Co. ("Acme"), Peru, Ill.  
**BUFFALO SCALE CO., INC.**, 1205 Niagara, Buffalo, N. Y.  
 Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, O.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Howe Scale Co., Rutland, Vt.  
 Jones of Binghamton (Inc.), Binghamton, N. Y.  
 Mason, Davis & Co. ("Chicago"), 7740 S Chicago av, Chicago, Ill.  
 Rome Scale & Mfg. Co., Rome, Ga.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
 Strait Scale Co., Kansas City, Kan.  
 Winslow Government Standard Scale Works (M. H. Winslow, Prop), Terre Haute, Ind.

**13058-9—Scales (Trolley Track)**

Buffalo Scale Co. Inc., 1205 Niagara, Buffalo, N. Y.  
 Fairbanks Co., 416 Broome, New York  
 Fairbanks E. & T. & Co., St. Johnsbury, Vt.  
 Strait Scale Co., Kansas City, Kan.  
 Weeks Scale Works, Mt. Jewett, Pa.

**Scales (Wagon)**

See Scales, Stock & Wagon

**13060—Scalpers (Corn Mill)**

Nordyke & Marmon Co. (Round Reel & Hexagon), 1290 Kentucky av, Indianapolis, Ind.

**13061—Scalpers (Sieve)**

**ALLIS-CHALMERS MFG. CO., Milwaukee, Wis.** See adv index at end of book

**13062—Scarifiers**

Buffalo Springfield Roller Co., Springfield, O.  
 Denver Fire Clay Co., Denver, Colo.  
 Heil Henry Chemical Co., St. Louis, Mo.

**13063—Scenic Artists**

Graham L. L., Brooklyn, N. Y.  
 Lash Lee Studios, 308 E 48th, New York  
 Sosman & Landis Co., 417 S Clinton, Chicago, Ill.  
 Story O. L. Scenic Co., 21 Tufts, Somerville, Mass.

**13064—School Supplies**

See also Specific Article Required

Bradley Milton Co., Springfield, Mass.  
 Crunden-Martin Mfg. Co. (Crayon, Tablets, Note Books, etc.), 2nd & Gratiot, St. Louis, Mo.  
 Flanagan A. Co. (& Specialties, also Books), 521 S Wabash av, Chicago, Ill.  
**HAMMETT J. L. CO.**, Kendall sq, Cambridge, Mass.  
 Harron, Rickard & McCone (Manual Training), 139 Townsend, San Francisco, Cal.  
 Knott L. E. Apparatus Co. (Scientific Laboratory), 79 Amherst, Cambridge, Mass.  
 Weber C. F. & Co., 365 Market, San Francisco, Cal.

**Scissors Mfrs.**

See Shears & Scissors

**Scissors (Cigar Cutter)**

See Cutters, Cigar

**13065—Scissors (Cogged)**

Schuchardt & Schutte (For Belts, Ropes, etc), 90 West, New York

**13066—Scissors (Fluting)**

Osborne C. S. & Co., Harrison, N. J.

**13067—Scissors (Manicure)**

Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York

**13068—Scissors (Poultry)**

Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York  
 Koch F. A. & Co., 524 B'way, New York  
 Thurnauer G. M. Co., 6 E 20th, New York

**13069—Scissors (Sardine)**

Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
 Osborne C. S. & Co. ("Fetter's"), Harrison, N. J.

**13070—Scleroscopes**

**SHORE INSTRUMENT & MFG. CO., INC.**, 557 W 22d, New York

**13071—Scoops (Boat)**

Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book  
 New York Boat Oar Co. (Wood), 69 West, New York

**13072—Scoops (Candy)**

Erie Specialty Co., 520 W 12th, Erie, Pa.  
 Maag August Co., 509 W Lombard, Baltimore, Md.

**13073—Scoops (Cheese)**

Amer. Cutlery Co., 764 Mather, Chicago, Ill.

**Scoops (Coal)**

See Shovels, Spades & Scoops

**13074—Scoops (Family & Grocers')**

Aluminum Mfg. Co., Des Moines, Ia.  
 Central Stamping Co., 172 Fulton, New York  
 National Enameling & Stamping Co., 411 5th av, New York

**13075—Scoops (Furnace)**

See also Shovels, Spades & Scoops

American Mfg. Co., Chattanooga, Tenn.  
 Beall Bros., Alton, Ill.  
 Chisholm's Steel Shovel Works (Solid Cast Steel), Cleveland, O.  
 Conneaut Shovel Co. (Gas House & Furnace Charging), Conneaut, O.  
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 Hussey-Binns Shovel Co. (Cast Steel), 223 4th av, Pittsburgh, Pa. Works, Charleroi, Pa.  
 Indiana Shovel Co., New Castle, Ind.  
 Jackson Shovel & Tool Co., Montpelier, Ind.  
 Kohler F. E. Co., Canton, O.  
 Ohio Shovel & Stamping Co., Dover, O.  
 Owensboro Shovel & Tool Co., Owensboro, Ky.  
 Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.  
 Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.  
 Union Furnace Mfg. Co., Union Furnace, Pa.

**13076—Scoops (Grain)**

American Mfg. Co., Chattanooga, Tenn.  
 American Shovel & Stamping Co., Lorain, Ohio  
 Beall Bros., Alton, Ill.  
 Chisholm's Steel Shovel Wks., Cleveland, Ohio  
 Conneaut Shovel Co. (D & Long Handle), Conneaut, O.  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Estes E. B. & Sons, 358 5th av, New York  
 See adv index at end of book  
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 Hussey-Binns Shovel Co. (Crucible Cast Steel), 223 4th av, Pittsburgh, Pa. Works: Charleroi, Pa.  
 Jackson Shovel & Tool Co. ("Ripley"), Montpelier, Ind.  
 Ohio Shovel & Stamping Co., Dover, O.  
 Owensboro Shovel & Tool Co., Owensboro, Ky.  
 Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.  
 Phila. Scoop Co., 134 N 2nd, Phila., Pa.  
 Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.  
 Sommer John Faucet Co., 355 Central av, Newark, N. J.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Union Furnace Mfg. Co., Union Furnace, Pa.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.  
 Wood Shovel & Tool Co., Piqua, O.

**13077-8—Scoops (Ice)**

Aldrich Mfg. Co., Buffalo, N. Y.  
 Erie Specialty Co., 520 W 12th, Erie, Pa.  
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 Ray Geo. A. Mfg. Co. (Brass & Copper), Buffalo, N. Y.

**Scoops (Ice Cream)**

See Dishers, Ice Cream

**13079—Scoops (Locomotive)**

Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.

**13080—Scoops (Potato, Corn, Etc.)**

Bissell Edw. J. ("Little Giant" Malleable Iron), Milford, Mich.  
 Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 Pease F. B. Co., Rochester, N. Y.  
 Reddick W. A. (Wire), Niles, Mich.  
 Sholder Excel Mfg. Co. (Wire), Cleveland, Ohio

**13081—Scoops (Scale)**

**AMERICAN CAN CO.**, 120 B'way, New York See adv index at end of book  
 Consolidated Mfg. Co., Dayton, O.  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Lalance & Grosjean Mfg. Co., 299 B'way, New York  
 McMorran Edw. E. & Co., 126 N Union, Chicago, Ill.  
 Phila. Scoop Co., 134 N 2d, Phila., Pa.



**13082—Scoops (Tunneling)**

Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.

**13083—\*Scoops (Wooden)**

**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*

**13084—\*Score Boards (Interchangeable Letter)**

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., & 68 N Washington, Chicago, Ill. *See adv index at end of book*

**13085—Score Books (Baseball, Etc.)**

Gleason Thos. Jay, 1552 Bergen, Brooklyn, N. Y.

**13086—Scourers (Wheat & Buckwheat)**

Barnard & Leas Mfg. Co., Moline, Ill.  
Howes S. Co., Silver Creek, N. Y.  
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.  
Richmond Mfg. Co. ("Niagara"), Lockport, N. Y.  
Sprout, Waldron & Co., Muncy, Pa.  
Union Iron Works, Decatur, Ill.  
Wolf Co., Chambersburg, Pa.

**13087—Scow Builders**

Gray Motor Co. (Motor), Oakland & McLean, Detroit, Mich.  
Howard Ship Yards Co. (Scow & Barge), Jeffersonville, Ind.  
Lake Erie Drydock & Mill Co., Sandusky, Ohio  
Manitowoc Ship Building Co. (Steel, Dump, Derrick, etc), Manitowoc, Wis.  
Perth Amboy Dry Dock Co. (Brick & Freight), Perth Amboy, N. J.

**13088—Scows (Fueling)**

**BARTLETT C. O. & SNOW CO.** (For Fueling Vessels), French, Cleveland, O. *See adv index at end of book*

**13089—Scrap Aluminum**

du Pont E. I. de Nemours & Co. (By-Products Division), Wilmington, Del.  
Erie Iron & Steel Co., Erie, Pa.  
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

**13090—Scrap Brass & Copper**

*See also Scrap Iron & Steel*  
**Ajax Metal Co. (Large Buyers)**, 46 Richmond, Phila., Pa.  
**Armstrong R. S. & Bro.**, Atlanta, Ga.  
Bassman & Oislander, 156 Maiden la, New York  
Battaglia Bros., 381 Pearl, New York  
Beach J. W. Co., Bridgeport, Conn.  
Bers E. & Co., 330 S Del av, Phila., Pa.  
Birnbau Bros. & Sack, 133 Roosevelt, New York  
Bogue-Wensley Lead Co., Denver, Colo.  
Boston Iron & Metal Co., Pratt & Fremont av, Baltimore, Md.  
Caplan Julius H., Lebanon, Pa.  
Cosby Clarence, 1523 E Carey, Richmond, Va.  
Dolgoff Jas. L., Bridgeport, Conn.  
du Pont E. I. de Nemours & Co. (By-Products Division), Wilmington, Del.  
Duquesne Reduction Co., Farmers' Bank bldg, Pittsburgh, Pa.  
Eagle Smelting & Refining Works, 233 B'way, New York  
Edelstein Carl, 279 Front, New York  
Erie Iron & Steel Co., Erie, Pa.  
Fort Wayne Smelting & Refining Co., Fort Wayne, Ind.  
Goldstein's L. Sons, Allegheny bet Richmond, Phila., Pa.  
Grimm Paul, 284 Front, New York  
Gruenebaum L., 418 E 7th, Cincinnati, O.  
Hanshaft Max, 262 Front, New York  
Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.  
Hess Barney, 94 Van Dyke, Brooklyn, N. Y.  
Hofeller Theo. & Co., 206 Scott, Buffalo, N. Y.  
Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.

Jacob Bros., Bridgeport, Conn.  
Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.  
Kahn Bros., 785 Humboldt, Brooklyn, N. Y.  
Lake Erie Smelting & Refining Co., 7909 Bessemer av, Cleveland, O.  
Lebanon Engineering & Supply Co., Lebanon, Pa.  
Lehman Bros., Hoboken, N. J.  
Levi B. & Co., Scranton, Pa.  
London N., 263 Front, New York  
London & Sack, 259 Front, New York  
Maryland Brass & Metal Works, Guilford & Federal, Baltimore, Md.  
Norristown Iron & Steel Co., Norristown, Pa.  
Omaha Metal & Rubber Co., Omaha, Neb.  
Oppenheimer J. & Co., 81 Fulton, New York

**POLLOCK MAYER**, Pottstown, Pa.  
Pueblo Brass & Iron Foundry, Pueblo, Colo.

Reubens S. & Bro., 68 Cliff, New York  
Rosenblatt Wm (Inc.), 262 Water, New York  
Roth Jacob, 272 Clinton, Detroit, Mich.  
Rubber & Metal Supply Co., 157 South, New York  
Ruttenberg Bros., Reading, Pa.  
Sackler Bros., 186 E 64th, New York  
Schnair Jacob, 297 Water, New York  
Shapiro Henry, Wilkes-Barre, Pa.  
Shonberg L., 122 Flushing av, Brooklyn, N. Y.

Smith Morton B. Co., 241 Front, New York  
Sofransey H. Co., Allentown, Pa.  
Star Refining Co., 116 W First, Boston, Mass.  
Symansky Bros., Troy, N. Y.  
Walsh's Sons & Co., Newark, N. J.  
West Side Metal Refining Co., 1447 S Sagamon, Chicago, Ill.  
Williams & Freedman, Harrisburg, Pa.

**13091—Scrap Iron & Steel**

*See also Special List of Scrap Brass and Copper*

This list is published for Purchasing Purposes and comprises only the Largest Firms who make a specialty of Scrap Iron & Steel

**ALABAMA.**

BESSEMER—Bumby H. E.  
BIRMINGHAM—Lehman C. T. Weller & Co.

**CALIFORNIA.**

SAN FRANCISCO—Harley Chas. Co., 650 7th  
San Francisco Iron & Metal Co., 256 North Point

**COLORADO.**

DENVER—Colorado Iron & Metal Co.  
Denver Metal Co.  
PUEBLO—Pueblo Brass & Iron Foundry

**CONNECTICUT.**

BRIDGEPORT—Jacob Bros.  
NEW HAVEN—Alpert M. & Son  
WATERBURY—Waterbury Scrap Iron Co.

**DELAWARE.**

WILMINGTON—du Pont E. I. de Nemours & Co. (Scrap Iron Only) (By-Products Division)  
Stirlith J. A. Bros., 114 Tatnall

**GEORGIA.**

ALBANY—Mayer Daniel  
ATLANTA—Armstrong R. S. & Bro.

**ILLINOIS.**

AURORA—Anneberg J. D. & Co.  
Joseph Iron Co.  
CHICAGO—American Iron & Supply Co., 110 S Dearborn  
Briggs & Turivas, 110 S Dearborn  
Grossman M., 560 Maxwell  
Hyman-Michaels Co., People's Gas bldg  
Joseph Isaac Iron Co., 332 S Michigan  
Kaufman M., 347 N Sheldon

Lanski I. & Son Scrap Iron Co., 2117 S Jefferson  
Levine A. & Co., 1461 S State  
Lieberman Jos. L. Iron Co., 110 S Dearborn  
Lowenthal Co., 947 W 20th  
Marks H. Sons, 1045 W 14th  
Ohio Iron & Metal Co., 38 S Dearborn  
Stearn Harris, 417 S Clinton  
U. S. Metal & Mfg. Co., 332 S Michigan av  
West Side Metal Refining Co., 1447 S Sagamon  
DANVILLE—Cohen David  
Danville Iron & Metal Co.  
PEORIA—Cohen J. & Son  
QUINCY—Rupp Geo. & Bros. Co.  
SPRINGFIELD—Barker A. Iron Co.  
STREATOR—Tierney Bros.

**INDIANA.**

EDINBURG—Kroot Jos.  
ELKHART—Elkhart Junk Co.  
Winer Samuel & Co.  
EVANSVILLE—Fligeltaub Henry  
FORT WAYNE—Strasburg's C. Sons  
MONTPELIER—McCauley Chas.  
MUNCIE—Feinberg Abe  
SOUTH BEND—Ciralsky Abraham & Son  
TERRE HAUTE—Bogard A.  
Terre Haute Rag & Metal Co.  
WABASH—Cook Simon Co.

**IOWA.**

DES MOINES—Cohen Bros. Iron & Metal Co.  
Cohen E. M. & Sons Iron & Metal Co.

**KENTUCKY.**

LOUISVILLE—Hyman Louis P. & Co.  
Weber Simon & Son

**LOUISIANA.**

NEW ORLEANS—Marx Alphonse & Sons, 6435 Tchoupitoulas

**MARYLAND.**

BALTIMORE—Boston Iron & Metal Co., cor Pratt & Tremont av  
Bowman Wm., 1325 Eastern av  
Clifford Mrs. C.  
De Ved & Sons Sash Weight Co., 807 S Howard  
Frank Nathan & Sons, 1404 Mullikin  
Globe Iron & Metal Co., 117 E York  
Hoffman R. C. & Co., Continental bldg  
Monumental Iron & Metal Co., 228 W Pratt  
Woolford & Thomas, 1726 Thames

**MASSACHUSETTS.**

BOSTON—Brackett H. F. & Co., 77 New-man  
Butler Thos. & Co., 23 Medford  
Clapp C. E. & Co., 170 Summer  
Perry, Buxton, Doane Co., 307 Atlantic av  
Werby A. & Co., 287 Atl. av  
CAMBRIDGE—Sovensky L  
CHELSEA—Rosenberg Bros.  
FALL RIVER—Dunn Wm. J.  
Ratner M.  
LAWRENCE—Guttersen & Gould  
LOWELL—Harris A. J. & Co.  
NEW BEDFORD—Fox Max  
McCullough John  
NORTHAMPTON—Carlson & Barger  
SPRINGFIELD—Ehrlich A. B. & Co.

**MICHIGAN.**

BAY CITY—Helper Bros.  
Hirschfeld H.  
DETROIT—Ginsburg R. L. Sons Co., 909 Greenwood av  
Goldman A. & Co., 2580 W Jefferson av  
Riverside Scrap Iron & Metal Co., 2580 Jefferson av, W  
Robinson D. & Sons, 646 Hastings  
IRONWOOD—Michigan Scrap Iron Co.  
KALAMAZOO—Gumbinsky Oscar & Bros.  
LANSING—Simon A. Iron Co.  
SAGINAW—Clinkofstine L. S. & Co.  
THREE RIVERS—Three Rivers Iron & Metal Co.

**MINNESOTA.**

DULUTH—Duluth Iron & Metal Co.  
MINNEAPOLIS—Peoples' Scrap Iron & Metal Co., 1528 N 2d



## MISSOURI.

KANSAS CITY—Pietzman J. & Son  
ST. LOUIS—Bierman F. & Son  
Greenspon's Jos. Sons Iron & Steel Co.,  
B'way & Branch  
Hirsch Cal. & Sons Iron & Rail Co.,  
300 S B'way  
Hirsch Rolling Mill Co., Ecoff & Man-  
chester

## NEBRASKA.

OMAHA—Alpirn A. B.  
Harding L. & Sons  
Omaha Metal & Rubber Co.  
Steinberg Nathan

## NEW JERSEY.

BAYONNE—Bayonne Scrap Iron & Metal  
Co.  
ELIZABETH—Isaac Hyman Sons Co.  
Kaufman David & Sons Co.  
HOBOKEN—Lehman Bros.  
JERSEY CITY—Contey Frank, 451 Whiton  
Contey Frank M. Co., 317 Grand  
Letcher R. J. & Son, 191 Morgan  
Leveson S., 464 Grand  
NEWARK—Friedman Chas., 5 Beacon  
Leonards P. & Sons, 57 River  
Liebstein J. & Sons, 1226 Broad  
Newark Metal Co.  
Sangiaco Sons, 9 Abel  
Serratelli's P. Sons, 156 Malvern  
Walsh's Sons & Co.  
PATERSON—Lapat L.  
Sinn Fred'k  
Stamm Max  
PHILLIPSBURG—Gibney Iron & Steel Co.  
PLAINFIELD—Haskard John S.  
TRENTON—Millner Frank

## NEW YORK.

ALBANY—Albany Waste & Metal Co.  
BUFFALO—Bock M., 32 W Bennett  
Buffalo House Wrecking & Salvage  
Co., Sycamore & Erie RR  
Buffalo Waste Paper Co., 113 Erie  
Cohen Isaac H., 111 Pratt  
Lenahan Frank & Son, 53 Fulton  
Michel Louis, 560 Elk  
Morrison & Risman, Bailey av &  
Broadway  
Sukernek Louis, Clinton & Metcalfe  
Ullman D. Sons  
Ullman Jacob, 84 Oneida  
CLYDE—Millard Geo. P.  
NEWBURGH—Hart Patrick

## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—Blume H. & Son, 536 Myrtle  
av  
Eagle Pipe Supply Co., 6th  
Kelly's James T. Sons, 249 Greene  
Loewenthal Co., 23 Heyward  
Rothschild R., 207 Norman av  
Samuels M. & Sons, N 2d  
Smith Thos. & Son, 410 3d av  
Watson Andw., 44 Withers

## Boroughs of Manhattan and Bronx.

NEW YORK CITY—Bers E. & Co., 10  
Debrosses  
Continental Iron & Steel Co., 2 Rector  
Goldschmidt Detinning Co. (Scrap  
Steel Only), 120 B'way. Factories:  
Chrome, N. J., & Wyandotte, Mich.  
Hanshaft Max, 262 Front  
Kelleher John J., 89 Tomkins  
London N., 263 Front  
Lowy D. & Co., 66 10th av  
Metropolitan Iron & Steel Co., 560 W  
26th  
Ofstein A., 2 av B  
Oppenheimer J. & Co., 81 Fulton  
Rubber Waste Co., 1724 Park av  
Smith Morton B. Co., 241 Front  
U. S. Metal & Mfg. Co., 165 B'way

## Borough of Queens.

LONG ISLAND CITY—Daly Jno. J. Iron,  
Steel & Metal Co., 101 Mott av

## (End of New York City)

OLEAN—Bock Leo  
ROCHESTER—Coates, Bennett & Relden-  
bach  
SYRACUSE—Hurwitz Bros. Iron & Metal  
Co.  
TROY—Symansky Bros.  
Troy Scrap Iron & Metal Co.

UTICA—Baxter T. W. Co.  
WATERVLIET—Security Steel & Iron Co.

## NORTH CAROLINA.

CHARLOTTE—Yarbrough & Bellinger Co.

## OHIO.

AKRON—American Scrap Iron Co. (Rails,  
Beams, etc)  
ALLIANCE—Galansky Thos.  
CANTON—Canton Iron & Metal Co.  
CINCINNATI—Fettig Jos., 1910 Plum  
Hilb & Bauer, Union Tr. bldg  
Hils Chas. L. Co., 832 Reedy  
Joseph Isaac Iron Co., 525 Hunt  
Joseph Joseph & Bro. Co.  
Klein & Cohn, 518 Hannibal  
Moskowitz Bros., 7th & Freeman  
Watelsky & Co., 307 Baymiller  
CLEVELAND—Cohen M. & Son Co., 1252  
E 55th  
Fishel & Marks, 3018 E 55th  
Grodin Bros.  
Hirsch W. G. & Co.  
Koblitz-Kohn Co., 2374 Canal rd  
McCarthy W. B., Rose bldg  
Schwarzenberg E. A., Leader News  
bldg  
Shaw A., 2687 E 40th  
Silberman Morris & Son, 2418 B'way  
COLUMBUS—Kilbourne M. & Co., 24 W  
Mound  
Schonthal Joseph Iron Co.  
DAYTON—Dayton Iron & Metal Co.  
Israel Bros. Iron & Metal Co.  
HAMILTON—Wolf & Co.  
MARIETTA—Buckeye Supply Co.  
La Crosse Scrap Iron & Metal Co.  
Producers' Supply & Tool Co.  
PIQUA—Ohio Scrap Iron & Metal Co.  
Piqua Paper Box Co.  
SANDUSKY—Cohen Jos. M.  
Weier Bros.  
SPRINGFIELD—Schadel J. & Co.  
TOLEDO—Gerson I. & Son  
Raymon David  
Rosen Henry  
YOUNGSTOWN—Wilkoff Co.

## PENNSYLVANIA.

ALLENTOWN—Fechheimer Steel & Iron  
Co.  
Sofranscy H. Co.  
ALTOONA—Abelson A.  
BEAVER FALLS—Solomon Jos.  
Solomon Moses  
BIRDSBORO—Birdsboro Iron & Steel  
Breaking Co. (Ltd.)  
COATESVILLE—Gerson Samuel  
ERIE—Erie Iron & Metal Co.  
Erie Iron & Steel Co.  
FRANKLIN—Carnick R.  
HARRISBURG—Harrisburg Iron & Steel  
Co.  
Michlovitz & Co.  
Williams & Freedman  
JOHNSTOWN—Cambria Junk Co.  
LEBANON—Brenner L. & Co.  
Caplan Julius H.  
Donaghmore Iron & Steel Co.  
Lebanon Engineering & Supply Co.  
MIDDLETOWN—Middletown Iron, Metal  
& Coal Co.  
NORRISTOWN—Furlong Andrew J.  
Mann Bros.  
Norrictown Iron & Steel Co.  
PHILADELPHIA—Bers E. & Co., 330 S  
Delaware av  
Caine John J., North American bldg  
Dallett & Co., Harrison bldg  
De Cou Richard Co., 12th & Noble  
Dreifus Chas. Co., Pennsylvania bldg  
Dreifus Emanuel & Co., Comm'l Tr.  
bldg  
Fraleys S. C. Sons, 515 Richmond  
Gillingham H. F. & Co., 1013 N Front  
Girard Iron & Metal Co., E York &  
Aramingo av  
Goldstein's L. Sons, Allegheny bl.  
Richmond  
Halpern Isaac Bros. & Co., 1333 N  
Front  
Henning Jno. & Son, 1016 E Susque-  
hanna av  
Hitner's Hy. A. Sons Co. (Also Metals,  
etc.), Huntington & Aramingo av  
Hoffer Allen R. & Co., Penna. bldg  
Houston C. B. & Co., Franklin Bank  
bldg  
Johnson Geo. T. & Co., Commercial  
Trust bldg  
Johnson, Sharp & Co., Widener bldg  
Keeley Jerome & Co., 421 Chestnut

Law Ernest & Co., Harrison bldg  
Leaf E. B. Co., Real Estate Trust bldg  
Mohr J. J. & Son (Old Car Wheels,  
etc), Bullitt bldg  
Newkirk Jno B. & Co., Harrison bldg  
Oliver J. H. & Co., 1414 S Penn sq  
Purves Machinery & Iron Co., South  
& Water  
Samuel Frank, Harrison bldg  
Well's Morris Sons, 837 N 3d  
Wheeler, Mifflin & Co., Commercial  
Trust bldg  
Wittman W. B. & Co., Commercial  
Trust bldg  
Wood A. M. & Co., Commercial Trust  
bldg  
PITTSBURGH—Bell Bros., 27th & A. V. Ry  
Dreifus Chas. Co., Oliver bldg  
Frank M. K., Frick bldg  
Green L. A., First Nat'l Bk. bldg  
Hausman & Wimmer Co., 111 2d av  
Jones J. B. & Co., 712 Lacock  
Keystone Iron & Metal Co., Bessemer  
bldg  
Koehler J. P. Co., 2837 Smlmn  
Koehler & Streng Co., Nobletown rd  
Levinson, Schub & Caplan, 35 Pride  
McLean Geo. A. & Co., 915 Beaver  
Maloney T. J., A V R R & 29th  
Moore Edgar M. & Co., Farmer's Bank  
bldg  
Riccardino Angelo, 1014 Webster av  
Soracco John J., 116 3d av  
Speer M. B. & Co., 515 Reedsdale  
Streng M. Sons Co., River & Warfield  
Trimble Mudge & Co., Oliver bldg  
PITTSBURGH—Adelson Mose D.  
POTTSTOWN—POLLOCK MAYER.  
POTTSVILLE—Brenner & Weiner  
PUNXSUTAWNEY—Light A. L.  
READING—Grieshaber Wm.  
Luria Bros. & Co.  
Isecovitz Morris  
Ruttenberg Bros.  
SCRANTON—Levi B. & Co.  
SHARON—Sharon Iron & Metal Co.  
Speer M. Iron & Metal Co.  
WILKES-BARRE—Fisher E. J. & Co.  
Shapiro Henry  
WILLIAMSPORT—Bloom W. & Co.  
YORK—Luria Rag Co.

## RHODE ISLAND.

PROVIDENCE—Higgins J. H. Co., 55  
Broadway  
Perry Wm. H. Co., 103 Harris av  
Pettis B. H. Co., 102 Harris av

## TENNESSEE.

KNOXVILLE—Tillery J. F. Iron Co.  
MEMPHIS—Memphis Iron & Metal Co.

## TEXAS.

HOUSTON—Block Jules Junk Co.  
Kaminsky Louis Co.

## VIRGINIA.

RICHMOND—Cosby Clarence  
Nott F. H.  
Virginia Iron & Metal Co., 7th &  
Semmes.

## WASHINGTON.

TACOMA—Wallis & Sons

## WISCONSIN.

KENOSHA—Northeastern Iron & Metal  
Co.  
MILWAUKEE—Benesch Jos. & Co., 1718  
Vliet  
Cassel A. A. Metal Co., 281 E Water  
Seeboth Bros. Co., 7111 Reed  
RACINE—Northwestern Iron & Metal Co.  
Racine Iron & Metal Co.

## 13092—Scrap Lead

Bassman & Oislander, 156 Maiden la.  
New York  
Caplan Julius H., Lebanon, Pa.  
du Pont E. I., de Nemours & Co. (By-  
Products Division), Wilmington, Del.  
Erie Iron & Steel Co., Erie, Pa.  
Sofranscy H. Co., Allentown, Pa.

## 13093—\*Scrap Paper

du Pont E. I. de Nemours & Co. (By-  
Products Division), Wilmington, Del.  
Erie Iron & Steel Co., Erie, Pa.



**13094—Scrap Rubber**

Adrian Iron & Metal Co., Adrian, Mich.  
 Albany Waste & Metal Co., Albany, N. Y.  
 Albert L. & Son, Trenton, N. J.  
 Alliance Iron & Metal Co., Alliance, O.  
 Alpert M. & Son, New Haven, Conn.  
 American Iron & Metal Co., 49 Purchase, Boston, Mass.  
 American Paper Stock Co., 297 Orleans, Detroit, Mich.  
 Armstrong R. S. & Bro., Atlanta, Ga.  
 Barker A. Iron Co., Springfield, Ill.  
 Berry James & Son, Brockton, Mass.  
 Bers E. & Co., 330 S Del. av, Phila., Pa.  
 Berzen Nat. E., 232 South, New York  
 Biele Boris, 59 Pearl, New York  
 Bierman F. & Son, St. Louis, Mo.  
 Binghamton Metal & Paper Co., Binghamton, N. Y.  
 Birkenstein S. & Sons, 377 W Ontario, Chicago, Ill.  
 Birnbaum Bros. & Sack, 133 Roosevelt, New York  
 Bloom W. & Co., Williamsport, Pa.  
 Blumberg L., 335 N 4th, Phila., Pa.  
 Buffalo Waste Paper Co., 113 Erie, Buffalo, N. Y.  
 Carlson & Barger, Northampton, Mass.  
 Chapman & Resnick, 1361 S Morgan, Chicago, Ill.  
 Clapp C. E. & Co., 170 Summer, Boston, Mass.  
 Clifford Mrs. C., Baltimore, Md.  
 Cohen D., Danville, Ill.  
 Coleman W. C. Co. (Imp & Exp), 161 Summer, Boston, Mass.  
 Contey Frank, 451 Whiton, Jersey City, N. J.  
 Cummings Wm. H. & Sons, 60 Harrison, New York  
 Dayton Iron & Metal Co., Dayton, O.  
 du Pont de Nemours & Co. (By-Products Division), Wilmington, Del.  
 Elsermann W. (Foreign), 127 Duane, New York  
 Erie Iron & Metal Co., Erie, Pa.  
 Erie Iron & Steel Co., Erie, Pa.  
 Feldman H. & Co., 324 S Delaware, Phila., Pa.  
 Fettig J., 1910 Plum, Cincinnati, O.  
 Frank Nathan & Sons, 1404 Mullikin, Baltimore, Md.  
 Frankel Bros. & Co., Rochester, N. Y.  
 Frederick Iron & Metal Co., 235 Harrison, Baltimore, Md.  
 Friedman Chas., 5 Beacon, Newark, N. J.  
 Galansky Thos., Alliance, O.  
 Gilinsky M., Trenton, N. J.  
 Globe Iron & Metal Co., 117 E York, Baltimore, Md.  
 Goldwater J. M., 943 N American, Phila., Pa.  
 Grieshaber Wm., Reading, Pa.  
 Grimm Paul, 284 Front, New York  
 Grodin Bros., Cleveland, O.  
 Gumbinsky Oscar & Bros., Kalamazoo, Mich.  
 Hanshaft Max, 262 Front, New York  
 Harding L. & Sons, Omaha, Neb.  
 Hausman & Wimmer Co., 111 2d, Pittsburgh, Pa.  
 Helper Bros., Bay City, Mich.  
 Hills Chas. L. Co., 832 Reedy, Cincinnati, Ohio  
 Hofeller Theo. & Co., 206 Scott, Buffalo, N. Y.  
 Hofeller-Loeser Co., Depew, N. Y.  
 Jameson, Rabinovitch & Jameson, 1510 Newberry av, Chicago, Ill.  
 Kaplan L., Salem, O.  
 Kaufman M., 347 N Sheldon, Chicago, Ill.  
 Kilbourne M. & Co., 24 W Mound, Columbus, O.  
 King W. H., 149 S Hancock, Philadelphia, Pa.  
 Klein & Cohn, 518 Hannibal, Cincinnati, Ohio  
 Koblit-Kohn Co., 2374 Canal rd, Cleveland, O.  
 Lehman Bros., Hoboken, N. J.  
 Leonardis P. & Sons, 57 River, Newark, N. J.  
 Levi M. A., Rochester, N. Y.  
 Loewenthal Co., 23 Heywood, Brooklyn, N. Y.  
 Loveland A. C. & Co., Hartford, Conn.  
 Lublin B. & Son, Hartford, Conn.  
 Luria Rag Co., York, Pa.  
 McGrory Philip, Trenton, N. J.  
 McTague Martin F., 1221 Bainbridge, Phila., Pa.  
 Meyer Bros., 234 Front, Philadelphia, Pa.  
 Millard Geo. P., Clyde, N. Y.  
 Moers E. M. Sons, 183 South, New York

Moskowitz Bros., 7th & Freeman, Cincinnati, O.  
 Muehlstein H. & Co., 114 W Van Buren, Chicago, Ill.  
 Naporano Louis, 17 Van Buren, Newark, N. J.  
 Norton M. & Co., Charlestown, Boston, Mass.  
 Nott F. H., Richmond, Va.  
 Omaha Metal & Rubber Co., Omaha, Neb.  
 Oppenheimer & Co., Buffalo, N. Y.  
 Pittsfield Junk Co., Pittsfield, Mass.  
 Riccardino A., 1010 Webster, Pittsburgh, Pa.  
 Robinson D. & Sons, 646 Hastings, Detroit, Mich.  
 Rosenberg Bros., Chelsea, Mass.  
 Rosenthal H. A., Trenton, N. J.  
 Rosenthal's J. Sons, 190 W. Berks, Phila., Pa.  
 Rubber Waste Co., 1724 Park av, New York  
 Rubber & Metal Supply Co., 157 South, New York  
 San Giacomo Sons, 9 Abel, Newark, N. J.  
 Sarachan & Rosenthal, Rochester, N. Y.  
 Schnurmann J. (Imp.), 30 Church, New York  
 Sofranscy H. Co., Allentown, Pa.  
 Stalman Bros., Williamsport, Pa.  
 Stedman J. H. Co., South Braintree, Mass.  
 Topper Bros., Kimball & Mitchell, Columbus, O.  
 Trenton Scrap Rubber Supply Co., Trenton, N. J.  
 Ullman D. Sons, Buffalo, N. Y.  
 Verrone L., 213 Charlton, Newark, N. J.  
 Walsh's Sons & Co., Newark, N. J.  
 Watelsky & Co., 307 Baymiller, Cincinnati, O.  
 Wells M. Sons, 837 N 3d, Phila., Pa.  
 West Side Metal Refining Co., 1447 S Sangamon, Chicago, Ill.  
 Yorkville Scrap Rubber & Metal Co., 266 W 53d, New York

**13095—Scrap Tin**

Bassman & Oislander, 156 Maiden lane, New York  
 Birnbaum Bros. & Sack, 133 Roosevelt, New York  
 Caplan Julius H., Lebanon, Pa.  
 Rosenblatt Wm. (Inc.), 262 Water, New York  
 Rothschild R., 207 Norman av, Brooklyn, N. Y.  
 Sofranscy H. Co., Allentown, Pa.  
 Walsh's Sons & Co., Newark, N. J.

**13096—Scrap Zinc**

Bassman & Oislander, 156 Maiden lane, New York  
 Caplan Julius H., Lebanon, Pa.  
 Erie Iron & Steel Co., Erie, Pa.  
 Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

**13097—Scraper-Sets (Carbon)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Curtiss Geo. L. Co., Southington, Conn.

**13098—Scrapers (Bakers')**

Watkins James Y. & Son, 20 Catherine, New York

**13099—Scrapers (Bearing)**

Buffum Tool Co. ("Swastika," Three Cornered Automobile, Curved & Engineers' Sets), South Side, Louisiana, Mo.  
 Curtiss Geo. L. Co., Southington, Conn.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Harrold Tool & Forge Co. (Hand Forged), Columbiana, O.  
 Marcy Tool Works, Putnam, Conn.  
 Vlchek Tool Co. ("Vlchek," Machinists' Automobile & Non-Chattering), 10711 Quincy av, Cleveland, O.

**Scrapers (Boiler Flue or Tube)**

See Cleaners, Boiler Flue or Tube

**13100—Scrapers (Box & Plumbers')**

Atkins E. C. & Co. (Floor & Cabinet Bench), Indianapolis, Ind.  
 Binney & Smith Co. ("Marxoff"), 81 Fulton, New York  
 Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.

Bridgeport Hardware Mfg. Corp. ("Dandy" "Perfection"), Bridgeport, Conn.  
 Browne & Dowd Mfg. Co. (Plumbers), Meriden, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Carver Tool Works, Spring Valley, N. Y.  
 Chapin-Stephens Co., Pine Meadows, Conn.  
 Dicke Tool Co. (Also Barrel), Downers Grove, Ill.  
 Drew C. & Co., Kingston, Mass.  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Kraeuter & Co., 583 18th av, Newark, N. J.  
 Lowentraut P. Mfg. Co., 36 Brenner, Newark, N. J.  
 Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.  
 Ohio Tool Co. ("Ohio" Adjustable), Charleston, W. Va.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Potter Mfg. Co. (Triangular Steel Blade), Geneva, O.  
 Sargent & Co. ("New Haven Edge Tool Co."), New Haven, Conn.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
 Stanley Rule & Level Co., New Britain, Conn.  
 Stortz Jno. & Son, 210 Vine, Phila., Pa.  
 S. & I. Co., Springfield, Mass.  
 Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
 Vaughan & Bushnell Mfg. Co. ("V. & B." Box Only), 2114 Carroll av, Chicago, Ill.  
 Weston Thos. B. (Box), 703 Light, Baltimore, Md.  
 Wilcox, Crittenden & Co., Middletown, Conn.

**13101—Scrapers (Broom Corn)**

Colton G. D. & Co. ("Galesburg"), Galesburg, Ill.

**13102—Scrapers (Butchers' Block)**

Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.  
 Brecht Co., 1201 Cass av, St. Louis, Mo.  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Chatillon John & Sons, 80 Cliff, New York  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*

**STARRETT L. S. CO., Athol, Mass.**

*See adv index at end of book*

Stortz John & Son, 210 Vine, Phila., Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.  
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.  
 Worcester Brush & Scraper Co., Worcester, Mass.

**13103—Scrapers (Cabinet, Etc.)**

Bishop Geo. H. & Co., Lawrenceburg, Ind.  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Buckeye Saw Vise Co., Cleveland, O.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Jennings C. E. & Co., 71 Murray, New York  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Ohio Tool Co. ("Ohio"), Charleston, W. Va.  
 Sargent & Co., New Haven, Conn.  
**SIMONDS MFG. CO., Fitchburg, Mass.**  
*See adv index at end of book*  
**STARRETT L. S. CO., Athol, Mass.**  
*See adv index at end of book*  
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.  
 S. & I. Co., Springfield, Mass.  
 Weber Mfg. Co., West Allis, Wis.

**Scrapers (Carbon)**

See Scraper-Sets, Carbon

**13104—Scrapers (Coke)**

Mineral Ridge Mfg. Co., Mineral Ridge, O.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 Niles Mine & Mill Supply Co., Cleveland, O.  
 Oliver Iron & Steel Co., S 10th & Murtel, Pittsburgh, Pa.



**13105-6—Scrapers (Confectioners' & Bakers')**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

**13107— Scrapers (Cotton)**

Avery B. F. & Sons, Louisville, Ky.  
Blount Plow Works, Evansville, Ind.  
Brinly Hardy Co. (White), Louisville, Ky.  
Empire Plow Co., Cleveland, O.  
Hall Jas. H. Plow Co., Maysville, Ky.  
Hartig-Becker Plow Co., Evansville, Ind.  
Ohio Cultivator Co., Bellevue, O.  
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.  
Parlin & Orendorff Co. ("P. & O."), Canton, Ill.  
Rock Island Plow Co., Rock Island, Ill.  
Southern Plow Co., Columbus, Ga.  
Towers & Sullivan Mfg. Co., Rome, Ga.  
White's S. R. Sons (Inc.), Norfolk, Va.

**Scrapers (Drag Wheel)**

See Road Scrapers, Drag & Wheel

**13108— Scrapers (Floor)**

Dikeman Mfg. Co. ("Dikeman," Hand Rest, for Floors, Woodwork, etc), S Norwalk, Conn.  
Duncan Bros. & Wray Co. ("Perfection," "Wray"), Ludlow Falls, O.  
Foote I. B. Foundry Co., Fredericktown, Ohio  
Fox Supply Co., Brooklyn, Wis.  
Haven Mfg. Co. ("Haven"), Racine, Wis.  
Kepplinger Geo. J. ("Boss"), Dwight, Ill.  
Kuster J. A. ("Common Sense"), Plymouth, Wis.  
Nicholls Mfg. Co. ("Nicholls" Non-Vibrating), Ottumwa, Ia.  
Osborn Mfg. Co. (Iron Head Rubbers), 5405 E Hamilton, Cleveland, O  
Putnam Mfg. Co. ("Black Hawk"), Dav-  
enport, Ia.  
Rock Island Mfg. Co. ("Black Hawk"), Rock Island, Ill.  
Schlueter M. L., 225 W Illinois, Chicago, Ill.  
**STARRETT L. S. CO.** (For Floors, Benches, etc), Athol, Mass.  
*See adv index at end of book*  
Stearns E. C. & Co., 450 Onelda, Syracuse, N. Y.  
Stortz John & Son, 210 Vine, Phila., Pa.  
Weber Mfg. Co., West Allis, Wis.

**13109— Scrapers (Foot)**

Arcade Mfg. Co. ("Arcade"), Freeport, Ill.  
Cassady Fairbank Mfg. Co. ("Doorstep"), 6126 S La Salle, Chicago, Ill.  
Grey Iron Casting Co., Mt. Joy, Pa.  
Griffin Mfg. Co., Erie, Pa.  
Loetscher-Ryan Mfg. Co., Dubuque, Ia.  
National Mfg. Co. (Self-Cleaners, "Up-right," Wrought Steel), Sterling, Ill.  
Peck, Stow & Wilcox Co., Southington Conn.  
Pratt Wm. E. Mfg. Co. (Steel), 35 W Lake Chicago, Ill.  
Reading Hardware Co., Reading, Pa.  
Richards-Wilcox Mfg. Co. ("Richards-Wilcox" Steel), Aurora, Ill.  
Rock Island Mfg. Co., Rock Island, Ill.  
Sargent & Co., New Haven, Conn.  
Stearns E. C. & Co., 450 Onelda, Syracuse, N. Y.  
Sterling Foundry Co. (For Concrete Walks), Sterling, Ill.  
Stover Mfg. Co., Freeport, Ill.  
Weller Hdwe. & Fdry Co. (Cast), Horseheads, N. Y.  
Williams A. C. Co., Ravenna, O.  
Wrightsville Hardware Co., Wrightsville, Pa.

**13110— Scrapers (Hog)**

Brecht Co., 1201 Cass av, St. Louis, Mo.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Cincinnati Butchers Supply Co. (Revolving Belt), 1976 Central av, Cincinnati, O.  
Hessler H. E. Co. (Reversible), Syracuse, N. Y.  
Peck, Stow & Wilcox Co., Southington, Conn.  
Rollman Mfg. Co. (Ltd.) (Flange), Mt. Joy, Pa.  
Superior Sheet Metal Works Co. (Double End), 3201 Roosevelt av, Indianapolis, Ind.

Troy File Works (Reversible), Troy, N. Y.  
Vaughan & Bushnell Mfg. Co. ("V. & B." Sheet Steel), 2114 Carroll av, Chicago, Ill.

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

**13111—Scrapers (Ice Cream Can)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Giles & Nielsen Nickel Works, Troy, N. Y.  
Maag August Co., 509 W Lombard, Baltimore, Md.  
Stortz John & Son, 210 Vine, Phila., Pa.

**Scrapers (Kettle)**

See Scrapers, Pot & Kettle

**13112—Scrapers (Machinists')**

Disston Hy. & Sons (All Kinds), Tacony, Phila., Pa.

**Scrapers (Miners')**

See Miners' Needles & Scrapers

**13113-4—Scrapers (Painters' & Paperhangers')**

Allen A. & Co., 2001 Carpenter, Phila., Pa.  
Bagshaw & Field, 445 N 5th, Phila., Pa.  
Browne & Dowd Mfg. Co., Meriden, Conn.  
Cassady Fairbank Mfg. Co. (Painters' Wall, etc), 6126 S La Salle, Chicago, Ill.  
Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.  
McNiece Wm. & Son, 515 Cherry, Phila., Pa.  
Meriden Cutlery Co., Meriden, Conn.  
White Ira F. & Son Co., Bloomfield, N. J.

**13115—Scrapers (Placer Dredging)**

Seattle Machine Works (Automatic), Seattle, Wash.  
Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

**13116— Scrapers (Plate)**

Cassady Fairbank Mfg. Co. ("Foskett" Noiseless), 6126 S La Salle, Chicago, Ill.  
Racine Iron & Wire Works, Racine, Wis.

**13117—Scrapers (Pot & Kettle)**

See also Chains, Pot

Browne & Dowd Mfg. Co. ("Gem"), Meriden, Conn.  
Cassady Fairbank Mfg. Co. (Flexible, Ball Joint, "Buckeye"), 6126 S La Salle, Chicago, Ill.  
Christy Knife Co. (Flexible), Fremont, O.  
Kohler F. E. Co. (Flexible), Canton, O.  
Metal Specialties Mfg. Co., 338 N Kedzie av, Chicago, Ill.  
Rocky Hill Hardware Co., Rocky Hill, Conn.  
Royal Mfg. Co., Denckla bldg, Phila., Pa.  
Stortz John & Son, 210 Vine, Phila., Pa.  
Streeter N. R. Co. ("Sensible" Chain), Rochester, N. Y.

**13118—Scrapers (Road & Pavement)**

Jackson Mfg. Co., Harrisburg, Pa.  
*See adv index at end of book*  
Lay Jos. Co. (Steel Push), Ridgeville, Ind.  
Toy W. M. & Co. (Automatic), 10 E Shelby, Sidney, O.

**13119—Scrapers (Ship & Tree)**

Bradley G. W Axe & Tool Mfg. Co., Newburgh, N. Y.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Chapin-Stephens Co., Pine Meadows, Conn.  
Drew C. & Co., Kingston, Mass.  
Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
Marine Hardware Equipment Co. ("Acme" & "Mheco"), South Portland, Me.  
**NICHOLS BROS.**, Greenfield, Mass.  
Stortz John & Son, 210 Vine, Phila., Pa.  
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.  
White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.  
Wilcox, Crittenden & Co., Middletown, Conn.

**Scrapers (Sidewalk)**

See Cleaners, Pavement

**13119a—\*Scrapers (Sleet)**

Nuttall R. D. Co. (For Removing Sleet from Trolley Wires), Pittsburgh, Pa.  
*See adv index at end of book*

**13120—Scrapers (Snow, for Cars)**

Gifford-Wood Co., Hudson, N. Y.  
Root Spring Scraper Co. ("Root," Spring Scrapers), Kalamazoo, Mich.  
St. Louis Car Co. (For Railroads), 8000 N B'way, St. Louis, Mo.

**13121—\*Scrapers (Snow, for Natural Ice Producers)**

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

**13122— Scrapers (Stove)**

American Mfg. Co. ("No-Rust"), Chattanooga, Tenn.  
Auer John Jr. (Wrought Stove Flue), 197 Middleton, Brooklyn, N. Y.  
Fanner Mfg. Co., Cleveland, O.  
Lamson & Sessions Co., Cleveland, O.  
National Enameling & Stamping Co., 411 5th av, New York  
Ohio Nut & Bolt Co., Berea, O.  
Parker Wire Goods Co. (For Stove Flues), Worcester, Mass.  
Stover Mfg. Co., Freeport, Ill.  
Wehrle Co., Newark, O.  
Wire Goods Co. (For Stove Flues), Worcester, Mass.

**13123— \*Scrapers (Street)**

**JACKSON MFG. CO.**, Harrisburg, Pa.  
*See adv index at end of book*

**13124—Scrapers (Sweat, for Horses)**

North & Judd Mfg. Co. ("Anchor Brand" Flexible), New Britain, Conn.

**Scrapers (Track)**

See Cleaners, Track

**13125— Scrapers (Wall)**

Bridgeport Hardware Mfg. Co. Corp., Bridgeport, Conn.  
Jennings C. E. & Co. ("C. E. J. & Co.'s Clark's"), 71 Murray, New York  
Kohler F. E. Co., Canton, O.  
Ontario Knife Co., Franklinville, N. Y.  
Potter Mfg. Co. ("Potter" Enameled Shank Steel Blade), Geneva, O.  
Reading Saddle & Mfg. Co., Reading, Pa.  
Richard Stephen Co. ("S. R."), Southbridge, Mass.  
**SMITH & HEMENWAY CO.** ("Red Devil"), 76 Chambers, New York  
*See adv index at end of book*  
Stortz John & Son, 210 Vine, Phila., Pa.  
Utility Mfg. Co. ("Ziegler," Four Edge), 11 N 6th, Phila., Pa.  
White Ira F. & Son Co., Bloomfield, N. J.

**13126-7— Scrapers (Wire)**

Dicke Tool Co. ("Perry"), Downers Grove, Ill.  
Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.  
Sibley Pitman Electrical Corp. ("Climax"), 19 W 36th, New York.

**Scratch Brushes (Wire)**

See Brushes, Steel Wire

**13128— Screen Door Sets**

Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.  
Morgan Spring Co., Worcester, Mass.  
**STANLEY WORKS**, New Britain, Conn.  
*See adv index at end of book*

**13128a— Screens (Bagging)**

Jelliff C. O. Mfg. Corp., Southport, Conn.

**13129—\*Screens (Bank Counter)**

Buffalo Wire Works, 453 Terrace, Buffalo, N. Y. *See adv index at end of book*  
**DAHLSTROM METALLIC DOOR CO.** (Metal), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*



**GORHAM CO., ARCH'L BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*  
**Standard-Tyler Co.**, 2436 W 15th, Chicago, Ill.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 13130—Screens (Bar)

**Erdle Perforating Co.**, 181 York, Rochester, N. Y. *See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
**Oliver Wm. J. Mfg. Co.**, Knoxville, Tenn.  
**Sanford-Day Iron Works**, Knoxville, Tenn.  
**Savage W. J. Co.**, Knoxville, Tenn.

### 13131—Screens (Car)

**Erdle Perforating Co.**, 181 York, Rochester, N. Y. *See adv index at end of book*  
**Jamestown Window Screen Co.**, Jamestown, N. Y.  
**Nedrow Mfg. Co.**, Caledonia, N. Y.  
**St. Louis Car. Co.**, 8000 N B'way, St. Louis, Mo.  
**Watson Mfg. Co.**, Jamestown, N. Y.

### 13132—Screens (Clay & Cement)

**Alloy Steel Forging Co.**, Carnegie, Pa.  
**American Clay Working Machinery Co.**, S Walnut, Bucyrus, O.  
**American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel)**, 332 S Michigan av, Chicago, Ill.  
**Anderson Foundry & Machine Works (Revolving)**, Anderson, Ind.  
**Buchanan C. G. Co.**, 90 West, New York  
**Caldwell H. W. & Son Co.**, 17th & Western av, Chicago, Ill.  
**Chambers Bros. Co. ("H. C. Virgin," For Clay Only)**, 52d, bel. Lancaster av, Phila., Pa.  
**Cross Engineering Co.**, Carbondale, Pa.  
**Dunlap Mfg. Co.**, Bloomington, Ill.  
**ERDLE PERFORATING CO.**, 181 York, Rochester, N. Y.  
*See adv index at end of book*  
**Fate J. D. Co. (Clay)**, Plymouth, O.  
**Howard & Morse**, 46 Fulton, New York  
**International Clay Machinery Co.**, Dayton, O.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
**Littleford Bros.**, 444 E Pearl, Cincinnati, O.  
**Manufacturers' Equipment Co.**, Dayton, O.  
**Multi-Metal Separating Screen Co. (Double Crimped Cement)**, 68 E 131st, New York  
**Peerless Wire Goods Co.**, Lafayette, Ind.  
**Seibel-Suessdorf Copper & Iron Mfg. Co.**, 2nd & Lombard, St. Louis, Mo.  
**Traylor Engng. & Mfg. Co.**, Allentown, Pa.

### Screens (Coal)

*See Screens, Sand, Coal & Gravel; also Screens, Revolving & Shaking*

### 13133—Screens (Cylindrical)

**Alloy Steel Forging Co.**, Carnegie, Pa.  
**American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel)**, 332 S Michigan av, Chicago, Ill.  
**Atlas Engineering Co.**, Amherst, O.  
*See adv index at end of book*  
**Buchanan C. G. Co.**, 90 West, New York  
**Caldwell H. W. & Son Co.**, Western av & 17th, Chicago, Ill.  
**Case J. I. Threshing Machine Co. (for rock)**, Racine, Wis.  
**Dillon-Box Iron Works Co.**, Denver, Colo.  
**Erdle Perforating Co.**, 181 York, Rochester, N. Y. *See adv index at end of book*  
**Hendrick Mfg. Co.**, Carbondale, Pa.  
**Howard & Morse**, 46 Fulton, New York  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
**Johnston & Chapman Co. ("John O'Laughlin's")**, 2925 Carroll av, Chicago, Ill.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
**Nordyke & Marmon Co.**, 1290 Kentucky av, Indianapolis, Ind.  
**Savage W. J. Co.**, Knoxville, Tenn.  
**Seibel-Suessdorf Copper & Iron Mfg. Co.**, 2d & Lombard, St. Louis, Mo.

### 13134—Screens (Decorative)

**Aeroshade Co.**, Waukesha, Wis.  
**Burrowes E. T. Co. (Folding)**, 70 Free, Portland, Me.  
**Goshen Novelty & Brush Co. (Folding)**, Goshen, Ind.  
**Lamb Geo. L. (Folding, etc)**, Nappanee, Ind.  
**Syracuse Screen & Grille Co. (Folding, etc)**, North Manchester, Ind.

### 13135-6—Screens (Diaphragm)

**Harmon Machine Co. ("Harmon" for Paper Mills)**, Watertown, N. Y.  
**Shevlin Geo. F. Mfg. Co. ("Monarch" for Paper Mills)**, Saratoga Springs, N. Y.

### Screens (Door)

*See Screens, Window & Door*

### 13137—Screens (Fat & Bone Washing, Etc.)

**LINK-BELT COMPANY**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

### 13138—\*Screens (Feed)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

### 13139—Screens (Filter)

**Standard Wire Co. ("Danck" for Sugar Plants)**, New Castle, Pa.

### Screens (Fire Place)

*See Fire Place Furnishings*

### 13140—Screens (Fish)

**Burpee & Letson, Ltd. ("Rowley" for Irrigated Ditches)**, Bellingham, Wash.

### 13141—Screens for Water Works

**Coldwell-Wilcox Co. (For Purifying Water)**, Newburgh, N. Y.  
**Howard & Morse**, 46 Fulton, New York

### 13142—Screens (Foundry)

**Belmer H. Co.**, 628 W 3d, Cincinnati, O.  
**Buffalo Wire Works Co.**, 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*  
**Howard & Morse**, 46 Fulton, New York  
**MEYERS FRED. J. MFG. CO.**, Hamilton, O. *See adv index at end of book*  
**Paxson J. W. Co.**, 1021 N Delaware av, Phila., Pa.  
**Standard Sand & Machine Co.**, 5150 St. Clair av, Cleveland, O.

### 13143—Screens (Gravel Washing)

**Beckley Perforating Co. (Triple, for Sand & Gravel)**, Garwood, N. J.  
**Biesanz Stone Co.**, Wipona, Minn.  
**Caldwell H. W. & Son Co.**, Western av & 17th, Chicago, Ill.  
**Dillon-Box Iron Works Co.**, Denver, Colo.  
**Erdle Perforating Co.**, 181 York, Rochester, N. Y. *See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
**Littleford Bros.**, 444 E Pearl, Cincinnati, O.  
**Peerless Wire Goods Co. (Wire)**, Lafayette, Ind.  
**Seibel-Suessdorf Copper & Iron Mfg. Co.**, 2d & Lombard, St. Louis, Mo.  
**Stephens-Adamson Mfg. Co. ("S. A.")**, Aurora, Ill.

### 13144—Screens (Gravity)

**Holmes Robt. & Bros. (For Coal Mines)**, Danville, Ill.  
**Link-Belt Co.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. R. Ry., Phila., Pa. *See adv index at end of book*  
**Savage W. J. Co.**, Knoxville, Tenn.

### 13144a—Screens (Insect Wire)

**Nedrow Mfg. Co.**, Caledonia, N. Y.

### 13145—Screens (Manganese Steel)

**Alloy Steel Forging Co.**, Carnegie, Pa.  
**Manganese Steel Rail Co.**, 30 Church, New York  
**Taylor-Wharton Iron & Steel Co.**, High Bridge, N. J.

### 13146—Screens (Mining)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
**Alloy Steel Forging Co.**, Carnegie, Pa.  
**American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel)**, 332 S Michigan av, Chicago, Ill.  
**Atlanta Wire & Iron Works**, Atlanta, Ga.  
**Belmer H. Co.**, 628 W 3d, Cincinnati, O.  
**Brainard Crusher-Pulverizer Co.**, Old Colony bldg, Chicago, Ill.  
**Buchanan C. G. Co.**, 90 West, New York  
**Buffalo Wire Works Co.**, 453 Terrace, Buffalo, N. Y. *See adv index at end of book*  
**Caldwell H. W. & Son Co.**, Western av & 17th, Chicago, Ill.  
**California Perforating Screen Co.**, 416 Harrison, San Francisco, Cal.  
**Carbondale Machine Co.**, Carbondale, Pa.  
**Chalmers-Williams Mfg. Co.**, 1461 Arnold, Chicago Heights, Ill.  
**City Boiler & Machine Co.**, Kansas City, Mo.  
**Cleveland Wire Cloth & Mfg. Co.**, 3576 E 78th, Cleveland, O.  
**Clinton Wire Cloth Co.**, Clinton, Mass.  
**Colorado Iron Works Co.**, Denver, Colo.  
**Columbiana Boiler Co.**, Columbiana, O.  
**Connellsville Machine & Car Supply Co.**, Connellsville, Pa.  
**Cross Engineering Co.**, Carbondale, Pa.  
**Davis F. M. Iron Works Co.**, Denver, Colo.  
**Denver Eng. Works Co.**, Denver, Colo.  
**Dillon-Box Iron Works Co.**, Denver, Colo.  
**Eagle Iron Works**, Des Moines, Ia.  
**Eagle Iron Works Co. (Shaking, etc)**, Terre Haute, Ind.  
**Erdle Perforating Co.**, 181 York, Rochester, N. Y. *See adv index at end of book*  
**Fairmont Mining Machinery Co.**, Fairmont, W. Va.  
**Galena Iron Works Corp. ("Trommell")**, Galena, Ill.  
**Galigher Machinery Co. ("Callow" Traveling Belt)**, Salt Lake City, Utah  
**Hallidie Co. (Revolving)**, Spokane, Wash.  
**Harrington & King Perforating Co.**, 614 N Union av, Chicago, Ill.  
**Helmick Foundry & Machine Co.**, Fairmont, W. Va.  
**Hendrick Mfg. Co.**, Carbondale, Pa.  
**Hendrie & Bolthoff Mfg. & Supply Co. ("Bunker Hill")**, Denver, Colo.  
**Howard & Morse**, 46 Fulton, New York  
**Hunt E. H. & Co. (Coal, etc)**, Wilkes-Barre, Pa.  
**JEFFREY MFG. CO. (For Coal, Ores, etc)**, 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
**Landon E. R.**, 166 N May, Chicago, Ill.  
**Laubenstein Mfg. Co.**, Ashland, Pa.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
**Littleford Bros.**, 444 E Pearl, Cincinnati, Ohio  
**Lucas A. & Sons (Shaking)**, 1329 S Washington, Peoria, Ill.  
**Ludlow-Saylor Wire Co. (Double Crimped)**, Newstead av cor Wabash R R, St. Louis, Mo.  
**McFarlane Mfg. Co.**, 3309 Blake, Denver, Colo.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
**Mecklenburg Iron Works**, Charlotte, N. C.  
**Meyers Fred. J. Mfg. Co.**, Hamilton, O.  
*See adv index at end of book*  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
**Morse Bros. Machinery & Supply Co. ("Wild")**, Denver, Colo.  
**Multi-Metal Separating Screen Co.**, 63 E 131st, New York  
**Mundt Chas. & Sons**, 53 Fairmount av, Jersey City, N. J.  
**Niles Mine & Mill Supply Co.**, Niles, O.  
**Prox Frank Co.**, Terre Haute, Ind.  
**Remaly Mfg. Co.**, Tamaqua, Pa.  
**Sanford-Day Iron Works**, Knoxville, Tenn.  
**Savage W. J. Co.**, Knoxville, Tenn.  
**Scottdale Machinery & Mfg. Co.**, Scottdale, Pa.



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Selbel-Suessdorf Copper & Iron Mfg. Co.,  
2d & Lombard, St. Louis, Mo.  
Smith Engineering Works, 1155 32d, Mil-  
waukee, Wis.  
Smith F. P. Wire & Iron Works, Lake &  
Dearborn, Chicago, Ill.  
*See adv index at end of book*  
Southwest Wire & Iron Works Co., Kansas  
City, Mo.  
Stephens-Adamson Mfg. Co. ("S.-A."),  
Aurora, Ill.  
Sturtevant Mill Co., Clayton & Park, Dor-  
chester, Boston, Mass.  
Traylor Engineering & Mfg. Co., Allen-  
town, Pa.  
Traylor John A. Machinery Co., Denver,  
Colo.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
United Iron Works Co., Springfield, Mo.  
Urle-Snyder Iron Works Co., Kansas City,  
Mo.  
Vulcan Iron Works, Wilkes-Barre, Pa.  
Webb City & Carterville Foundry & Ma-  
chine Works ("Henry," Ore Sizing),  
Webb City, Mo.  
West Pittston Screen Works (Wire Coal  
Screens), West Pittston, Pa.  
Worthington Pump & Machy. Corp., 115  
B'way, New York

## 13146a— Screens (Oyster)

Jelliff C. O. Mfg. Corp., Southport, Conn.

## 13146b—Screens (Outdoor Sleeping Room)

Nedrow Mfg. Co., Caledonia, N. Y.

## 13147—Screens (Paper Mill)

Bird Machine Co. ("Bird" Rotary), East  
Walpole, Mass.  
Harmon Machine Co., Watertown, N. Y.  
Improved Paper Machinery Co., Nashua,  
N. H.  
Jolly J. & W. (Inc.) ("White," Oscillat-  
ing), Holyoke, Mass.  
Moore & White Co. ("M & W" Rotary),  
N 15th & Lehigh av, Phila., Pa.  
Ryther & Pringle Co. (Balanced Shaker  
Chip), Carthage, N. Y.  
Shevlin Geo. F. Mfg. Co. (Centrifugal),  
Saratoga Springs, N. Y.  
Waterville Iron Works (Pulp Wood Chip  
Screen), Waterville, Me.

## 13148—\*Screens (Perforated, for Coal, Etc.)

Jeffrey Mfg. Co., 961 N 4th, Columbus, O.  
*See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av,  
Chicago, Ill., & Hunting Park av & P  
& R Ry, Phila., Pa.  
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## 13149— Screens (Porch)

Nedrow Mfg. Co., Caledonia, N. Y.

## 13150— Screens (Projection)

Genter J. H. Co., Newburgh, N. Y.  
Minusa Cine Products Co., Houser bldg, St.  
Louis, Mo.

Radium Gold Fibre Screen Co., 220 W  
42d, New York  
Simpson Alfred L., 113 W 132d, New York  
Williams Brown & Earle, 918 Chestnut,  
Phila., Pa.

## 13151—Screens (Revolving Water)

Littleford Bros., 44 E Pearl, Cincinnati,  
Ohio  
Sandy Hill Iron & Brass Works, Hudson  
Falls, N. Y.

## 13152—Screens (Revolving & Shak- ing)

Acme Road Machinery Co., Frankfort,  
N. Y.  
**ALLIS-CHALMERS MFG. CO.**, Milwau-  
kee, Wis. *See adv index at end of book*  
Alloy Steel Forging Co., Carnegie, Pa.  
American Manganese Steel Co. ("Amsco"  
& "Stag" Brand Manganese Steel), 332  
S Michigan av, Chicago, Ill.  
American Pulverizer Co. ("American" Re-  
volving), East St. Louis, Ill.  
American Road Machinery Co. ("Cham-  
pion"), Kennett Square, Pa.  
Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*  
**BARTLETT C. O. & SNOW CO.** ("Tri-  
umph" Revolving for Slack Coal,  
Rock, Sand, Gravel, etc), French  
st, Cleveland, O.  
*See adv index at end of book*  
Beckley Perforating Co. (Perforated Metal,  
for All Purposes), Garwood, N. J.  
Bonnot Co. (Clay Working), Canton, O.  
Buchanan C. G. Co., 90 West, New York  
Buffalo Wire Works Co., 453 Terrace,  
Buffalo, N. Y.  
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Caldwell H. W. & Son Co., Western av  
& 17th, Chicago, Ill.  
Chain Belt Co., Milwaukee, Wis.  
Cross Engineering Co., Carbondale, Pa.  
Day J. H. Co. (Sands, Clay, etc.), Cin-  
cinnati, O.  
Dillon-Box Iron Works Co., Denver, Colo.  
Dull Raymond W. Co. (Stone), 111 W  
Washington, Chicago, Ill.  
Duncan Foundry & Machine Works, Alton,  
Ill.  
Eagle Iron Works, Des Moines, Ia.  
Eagle Iron Works Co., Terre Haute, Ind.  
Haiss Geo. Mfg. Co. (Revolving Only),  
141st & Rider av, New York  
Hallidie Co. (Revolving for Mines), Spo-  
kane, Wash.  
Harrington & King Perforating Co., 614  
N Union av, Chicago, Ill.  
Helmick Fdry & Mach. Co., Fairmont, W.  
Va.  
Hendrick Mfg. Co. (Revolving Only), Car-  
bondale, Pa.  
Herzler & Henninger Machine Works,  
Belleville, Ill.  
Holmes & Blanchard Co., 31 State, Bos-  
ton, Mass.  
Howard & Morse, 46 Fulton, New York  
**JEFFREY MFG. CO.** (All kinds, of Any  
Capacity), 961 N Fourth, Colum-  
bus, O. *See adv index at end of book*  
**KENNEDY VAN SAUN MFG. & ENG.  
CORP.** (Trommels, Pulsating), 120  
Broadway, New York  
*See adv index at end of book*

Krom Mach. Works (Self-Cleaning Re-  
volving), 170 B'way, New York  
**LINK-BELT COMPANY** ("Link-Belt" for  
Coal, Phosphate, etc), 39th & Stew-  
art av, Chicago, Ill., & Hunting Park  
av & P. & R. Ry., Phila., Pa.  
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Littleford Bros., 444 E. Pearl, Cincinnati,  
Ohio

Lucas A. & Sons (Shaking), 1329 South  
Washington, Peoria, Ill.

Meese & Gottfried Co. (Revolving), 660  
Mission, San Francisco, Cal.

Meyers Fred. J. Mfg. Co., Hamilton, O.

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**MICHIGAN WIRE CLOTH CO.**, 500 How-  
ard, Detroit, Mich.

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Montgomery Coal Washing & Mfg. Co.,  
Birmingham, Ala.

Morrow Mfg. Co. ("Independent" Shaker  
Screen), Wellston, O.

Mundt Chas. & Sons, 53 Fairmount av,  
Jersey City, N. J.

Nordyke & Marmon Co., 1290 Kentucky  
av, Indianapolis, Ind.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

**Ottumwa Box Car Loader Co.** ("Ottum-  
wa" Mine), Ottumwa, Ia.

Prox Frank Co., Terre Haute, Ind.

Pyott Co., 1401 W North av, Chicago, Ill.

Rock Products Equipment Corp., 42  
Church, New York

*See adv index at end of book*

Sackett H. B. Screen & Schute Co., 1691  
Elston av, Chicago, Ill.

Sanford-Day Iron Works (Coal, etc),  
Knoxville, Tenn.

Savage W. J. Co. (Shaking), Knoxville,  
Tenn.

Selbel-Suessdorf Copper & Iron Mfg. Co.,  
2d & Lombard, St. Louis, Mo.

Smith Engineering Works, 1155 32d, Mil-  
waukee, Wis.

Steele & Condict ("Condict," Roller Bear-  
ing Revolving), 74 Pearl, Jersey City,  
N. J.

Stephens Adamson Mfg. Co. ("S.-A" Re-  
volving), Aurora, Ill.

Sturtevant Mill Co., Clayton & Park, Dor-  
chester, Boston, Mass.

**TYLER W. S. CO.** (Revolving Only),  
Cleveland, O. *See adv index at end of book*

Union Iron Works Co., 20th & Michigan,  
San Francisco, Cal.

United Iron Works Co., Springfield, Mo.

Universal Road Machinery Co., Kingston,  
N. Y.

Vulcan Iron Works, Wilkes-Barre, Pa.

Walker & Elliott ("For Fertilizing Ma-  
terial"), 2d & Lombard, Wilmington,  
Del.

Waterloo Cement Machinery Corp., Water-  
loo, Ia.

Webster Mfg. Co., Tiffin, O.

Weller Mfg. Co., 853 W North av, Chi-  
cago, Ill.

Western Wheeled Scraper Co., Aurora, Ill.

**13153—Screens (Roller Window)**

Invisible Roll Screen Co. ("Invisible"),  
East av, Long Island City, L. I.

Jamestown Window Screen Co., James-  
town, N. Y.

Rollaway Screen Co., Burlington, Vt.

Nedrow Mfg. Co., Caledonia, N. Y.

Rust Proof Roller Window Screen Co.,  
Clyde, O.

Watson Mfg. Co. (Metal), Jamestown,  
N. Y.

**13154— \*Screens (Rolling)**

**ALLIS-CHALMERS MFG. CO.**, Milwau-  
kee, Wis. *See adv index at end of book*

**LINK-BELT CO.**, 39th & Stewart av,  
Chicago, Ill., & Hunting Park av &  
P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

**13155— Screens (Rotary)**

Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*

Bird Machine Co. ("Bird" for Paper  
Mills), East Walpole, Mass.

Black-Clawson Co. ("Lamont"), Hamill-  
ton, Ohio

Caldwell H. W. & Son Co., Western av  
& 17th, Chicago, Ill.

Lansing Co. ("Converse" for Building Ma-  
terials), Lansing, Mich.



**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av. & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Universal Crusher Co., Cedar Rapids, Ia.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

### Screens (Safe Deposit)

See Screens, Bank Counter

### 13156—Screens (Sand, Coal & Gravel)

Alloy Steel Forging Co., Carnegie, Pa.  
 Atlanta Wire & Iron Works, Atlanta, Ga.  
 Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill., & Lafayette, Ind.  
 Barker S. G. & Son (Coal Only), Scranton, Pa.  
 Belmer H. Co., 628 W 3d, Cincinnati, O.  
 Bigelow Cheney Wire Works, Springfield, Mass.  
 Buchanan C. G. Co., 90 West, New York  
**BUFFALO WIRE WORKS CO.**, 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 California Perforating Screen Co., 416 Harrison, San Francisco, Cal.  
 Carbondale Machine Co., Carbondale, Pa.  
 Card C. S. Iron Works Co., Denver, Col.  
 Cement Tile Machinery Co. ("S. & S." Revolving for Sand & Gravel), Waterloo, Ia.  
 Central Wire & Iron Works (Wire Sand Screens), Des Moines, Ia.  
 Chalmers-Williams Mfg. Co. (Sand & Gravel), 1461 Arnold, Chicago Heights, Ill.  
**Chattanooga Boiler & Tank Co.**, Chattanooga, Tenn.  
 Clinton Wire Cloth Co., Clinton, Mass.  
 Converse F. S. Co. (Rotary), Binghamton, N. Y.  
 Cross Engineering Co., Carbondale, Pa.  
 Darby Edward & Sons Co., 239 Arch, Phila., Pa.  
 Dillon-Box Iron Works Co., Denver, Colo.  
 Dull Raymond W. Co., 111 W Washington, Chicago, Ill.  
**Eagle Iron Works (Coal Only)**, Des Moines, Ia.  
 Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*  
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 Harrington & King Perforating Co., 614 N Union av, Chicago, Ill.  
 Helmick Fdry & Mach. Co., Fairmount, W. Va.  
 Hesse-Martin Iron Works, 434 Belmont, Portland, Ore.  
 Howard & Morse, 46 Fulton, New York  
 Hunt C. W. Co. (Coal), West New Brighton, N. Y. *See adv index at end of book*  
 Inglis Wm. Wire & Iron Wks., 61 Woodbridge, Detroit, Mich.  
**JEFFREY MFG. CO.** ("Standard"), 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
 Jelliff C. O. Mfg. Corp'n, South Port, Conn.  
 Lansing Co., Lansing, Mich.  
 Koller E. L. (Coal Only), 276 Sussex av, Newark, N. J.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Littleford Bros., 444 E Pearl, Cincinnati, O.  
 Lucas A. & Sons (Coal Only), 1329 S Washington, Peoria, Ill.  
 Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
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**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Morss & Whyte Co., 33 Pearl, Boston, Mass.  
 Mundt Chas. & Sons, 53 Fairmount av, Jersey City, N. J.  
 Newark Wire Cloth Co., 220 Verona av, Newark, N. J.  
 New Jersey Wire Cloth Co., Trenton, N. J.  
 Northwestern Steel & Iron Wks., Eau Claire, Wis.  
 Peerless Wire Goods Co., Lafayette, Ind.  
 Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.  
 Plocher Andrew Sons Co., Dayton, O.

**Sackett H. B. Screen & Chute Co.**, 1691 Elston av, Chicago, Ill.  
**Savage W. J. Co.**, Knoxville, Tenn.  
 Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.  
 Seitzinger J. G., Wilkes-Barre, Pa.  
 Smith Engineering Works, 1155 32d, Milwaukee, Wis.  
 Smith F. P. Wire & Iron Wks., Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Smith John P. & Co., New Haven, Conn.  
 Southwest Wire & Iron Works Co., Kansas City, Mo.  
 Steel Basket Co., Cedar Rapids, Ia.  
 Success Mfg. Co., Gloucester, Mass.  
 Syracuse Wire Works, Syracuse, N. Y.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
**TYLER W. S. CO.**, Cleveland, O.  
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 Union Steel Products Co. (Ltd.), ("Union" Sand & Gravel), Albion, Mich.  
 Universal Crusher Co., Cedar Rapids, Ia.  
 Vulcan Iron Works, Wilkes-Barre, Pa.  
 Waterloo Cement Machy. Corp., Waterloo, Iowa  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.  
 What Cheer Wire Works, 157 Dorrance, Providence, R. I.  
 Wisconsin Iron & Wire Wks., Milwaukee, Wis.  
**WRIGHT WIRE CO.** (Also Revolving "Excelsior"), Worcester, Mass.  
*See adv index at end of book*

### 13157—Screens (Sewage)

Merritt Hydraulic Co. ("Weand" & "Merritt-Miller," Rotary, "Priestman" Stationary), 110 N Broad, Phila., Pa.

### 13158—Screens (Steam Pipe Covering)

Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York

### Screens (Stone)

See Screens, Revolving & Shaking

### 13159—Screens (Suction)

Sandy Hill Iron & Brass Works ("Packers" Diaphragm for Paper Mills), Hudson Falls, N. Y.

### 13160-1—Screens (Traveling Belt)

Galigher Machinery Co. ("Callow"), Salt Lake City, Utah

### 13162—\*Screens (Vibrating)

**JEFFREY MFG. CO.** ("Jeffrey"), 961 N Fourth, Columbus, O.  
*See adv index at end of book*  
**STURTEVANT MILL CO.**, Clayton & Park, Dorchester, Boston, Mass.

### 13163—Screens (Well)

Carbo Corp., 538 S Clark, Chicago, Ill.  
 Johnson E. E. ("Johnson"), St. Paul, Minn.  
 Layne & Bowler Co. (For irrigation Wells), Houston, Tex.  
 Layne & Bowler Corp., Los Angeles, Cal.  
 Stanciliff Well Screen & Mfg. Co., Houston, Tex.

### 13164—Screens (Window, Metal Frame)

American Screen Co., Brookline, Mass.  
 Baker W. J. Co., Newport, Ky.  
 Bartlett W. W., Leominster, Mass.  
 Cincinnati Mfg. Co. ("Cin-Man-Co."), Cincinnati, O. *See adv index at end of book*  
 Columbus Iron Works (Wholesale Mfrs.), Columbus, Ga.  
 Continental Co. ("Continental," "Philadelphia," "Porter," "Washash," "Queen Anne," "Phillips," "Sherwood"), Penobscot bldg, Detroit, Mich.  
 Geneva Mfg. Co. ("Steinfeld"), Geneva, Ill.  
 Higgin Mfg. Co., Newport, Ky.  
 Jamestown Window Screen Co., Jamestown, N. Y.  
 Metallic Screen Co. (Adjustable), Collins, Wis.  
 Milliken-Kellam Co., Newton, N. J.  
 Nedrow Mfg. Co., Caledonia, N. Y.  
 Rollaway Screen Co. ("Roll-a-way" Metal), Burlington, Vt.  
 Sherwood Metal Working Co., Syracuse, N. Y.

Sidney Specialty & Novelty Co., Sidney, N. Y.  
 Snow Franklin A. Co., 79 Milk, Boston, Mass.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
 Watson Mfg. Co. (Bronze & Steel), Jamestown, N. Y.

### 13165—Screens (Window & Door)

Wholesale Manufacturers are so Indicated Between their Name & Address

Adams Mfg. Co., Los Angeles, Cal.  
 Adams & Kelly Co., Omaha, Neb.  
 Agee Screen Co., Ft. Worth, Tex.  
 American Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.  
 American Screen Co. (Wholesale Mfrs.), Brookline, Mass.  
 American Screen Mfg. Co., Kansas City, Mo.  
**BARFLY SCREEN CO.** ("Barfly," Rolling), Portland, Me.  
 Bostwick-Goodell ("Victoria"), Norwalk, Ohio  
 Burlington Venetian Blind Co., Burlington, Vt.  
 Burrows E. T. Co. (Wood & All-Metal Screens, Insect), 70 Free, Portland, Me.  
 Carr, Ryder & Adams Co., Dubuque, Ia.  
 Carr & Baal Co., Des Moines, Ia.  
 Carter-Phelps Mfg. Co., Keokuk, Ia.  
 Cincinnati Fly Screen Co., Cincinnati, O.  
 Cincinnati Mfg. Co. (Metal to Order Only), Cincinnati, O.  
*See adv index at end of book*  
 Continental Co. (Metal & Wood, Wholesale Mfrs.), Penobscot bldg, Detroit, Mich.  
 Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.  
 Dallas Screen Co., Dallas, Tex.  
 Disappearing Roller Screen Co., 2544 W Pico, Los Angeles, Cal.  
 Farley & Loetscher Mfg. Co., Dubuque, Ia.  
 Fish A. E. & Co., Keene, N. H.  
 Fishburn W. H. Mfg. Co., Denver, Col.  
 Freeman Chas. A. Mfg. Co. (Sliding), 201 Devonshire, Boston, Mass.  
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 Gordon, Vantine Co., Davenport, Ia.  
 Grand Rapids Lumber Co., Grand Rapids, Mich.  
 Grand Rapids Screen Co., Grand Rapids, Mich.  
 Higgin Mfg. Co., Newport, Ky.  
 Hillsdale Screen Co., Hillsdale, Mich.  
 Hipolito Screen & Sash Co., Los Angeles, Cal.  
 Huebner Screen Door Co., Detroit, Mich.  
 Jamestown Window Screen Co. (To Order Only, Rolling, All Metal & Wood), Jamestown, N. Y.  
 Kane Blind & Screen Co. (Rustless), Kane, Pa.  
 Koehl J. W. & Son, 658 S Anderson, Los Angeles, Cal.  
 Lookout Planing Mills, Chattanooga, Tenn.  
 McClelland T. W. Co. (Wholesale Mfrs.), Davenport, Ia.  
 Maine Screen Co. ("Peerless," Adjustable), Fairfield, Me.  
 Menke-Grimm Planing Mill Co., Quincy, Ill.  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
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**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Milliken-Kellam Co., Newton, N. J.  
 Monarch Screen & Mfg. Co., 39th & Ross, Los Angeles, Cal.  
 Morgan Co., Oshkosh, Wis.  
 National Screen & Mfg. Co., 1456 Harrison av, Cincinnati, O.  
 Nedrow Mfg. Co., Caledonia, N. Y.  
 Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.  
 Owosso Mfg. Co., Benton, Ark.  
 Owosso Mfg. Co. (Adjustable Frames) (Wholesale Mfrs.), Owosso, Mich.  
 Parlee H. C. & Co. ("Fliscreen" Wood Frame), 25 Haverhill, Boston, Mass.  
 Parr Lumber Co., St. Johns, Mich.  
 Penna. Woven Wire Co., Lock Haven, Pa.  
 Phenix Mfg. Co. ("Phenix" also Swinging Half, Sliding, etc), Milwaukee, Wis.  
 Philadelphia Screen Mfg. Co. (Wholesale Mfrs.), 56th bel. Woodland, Phila., Pa.  
 Porter Screen Co. (Wholesale Mfrs.), Burlington, Vt.  
 Protective Ventilator & Screen Corp., 332 E 23d, New York



Riggs Cypress Co. (Ltd.) (Wholesale Mfrs.), Patterson, La.  
 Robbins Mfg. Co., 1815 N Central Park av, Chicago, Ill.  
 Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.  
 Rollaway Screen Co. ("Roll-a-way"), Burlington, Vt.  
 Safety Ladder Mfg. Co., Seattle, Wash.  
 Sanders Bros. Mfg. Co., Ottawa, Ill.  
 Sayre-Newton Lumber Co., 23d & Blake, Denver, Colo.  
 Schumacher F. E. Co., Hartville, O.  
 Snow Franklin A. Co., 79 Milk, Boston, Mass.  
 Solmson M. Fly Screen Co. (Rustless), Bayard & Nanticoke, Baltimore, Md.  
 Springfield Wire Screen Co., Springfield, Ill.  
 Standard Screen Co. (Wood Frame), 1858 Hastings, Chicago, Ill.  
 Taylor & Dean (Made to Order), Penn av & 25th, Pittsburgh, Pa.  
 Union Screen Co. ("Challenge" Sliding Window), 306 Carpenter, Providence, R. I.  
 Universal Screen Co., 2700 Long Beach av, Los Angeles, Cal.  
 Wabash Screen Door Co., 72 W Adams, Chicago, Ill.  
 Watson Mfg. Co. (Metal & Wood to Order Only), Jamestown, N. Y.  
 Western Sash & Door Co. (Wholesale Mfrs.), Kansas City, Mo.  
 Western Screen Co., 655 S San Pedro, Los Angeles, Cal.  
 Wheeler Screen Co., Geneva, Ill.  
 Wilbur Corp'n, New Haven, Conn.  
 Willer Mfg. Co. (To Order Only), Milwaukee, Wis.  
 Williams & Hunting Co. (Wholesale), Cedar Rapids, Ia.

### 13165a—Screens (Wire, Rustless)

Beere George W., 294 Taafe pl, B'klyn, N. Y.  
 Nedrow Mfg. Co., Caledonia, N. Y.

### 13166—Screw Driver Mfrs.

Arcade Mfg. Co. ("Serpentine," "Arcade" & "Combination"), Freeport, Ill.  
 Archer Newton H., New Haven, Conn.  
 Atwater Mfg. Co. ("All Steel"), Southington, Conn.  
 Bagshaw & Field (Stubbs, Packet, Electric, Round Blade, Flat Blade, etc), 445 N 5th, Phila., Pa.  
 Benjamin-Sellar Mfg. Co. ("Benjamin" Friction Drive), 559 W. Quincy, Chicago, Ill.  
 Billings & Spencer Co. ("B. & S." Magazine Screw Driver, etc), Hartford, Conn.  
 Braunsdorf-Mueller Co. ("Never Twist," "New Century," & "Improved Locksmith"), Elizabeth, N. J.  
 Bridgeport Hardware Mfg. Corp. (Reversible Pocket, "Blackstone," "Lead All," "Gripshank," "Owl," "Autodriver," "Challenge," "Sterling," "Acme," "Perfecto," "Knapp & Cowles," "Ideal," "Rosedale," "B. M. Co.," "Bedford," "Union"), Bridgeport, Conn.  
 Brown R. H. & Co. ("Clark's"), New Haven, Conn.  
 Browne & Dowd Mfg. Co. ("I. L."), Meriden, Conn.  
 Buell Bros. ("Buell"), Clinton, Conn.  
 Buffalo Specialty Co. (Leather Handle), 375 Ellicott, Buffalo, N. Y.  
 Buffum Tool Co. ("Swastika," Engineers' & Assemblers' "T" & Offset, etc. All Steel Drop Forged), South Side, Louisiana, Mo.  
 Bullock Mfg. Associates (Spiral Reversible), Springfield, Mass.  
 Burgess & Norton Mfg. Co. ("Bur-Nor" Folding), Geneva, Ill.  
 Cassady Fairbank Mfg. Co. ("Cassady," "Premier," "Fairbank," "Columbia," "Rough & Ready," "Elliott," "C. & F.," "Handy," "Kit"), 6126 S La Salle, Chicago, Ill.  
 Cincinnati Tool Co. ("Hargraves"), Norwood, Cincinnati, O.  
*See adv index at end of book*  
 Clement Mfg. Co. ("Vulcan" Hollow Handle), Northampton, Mass.  
 Crescent Tool Co. ("Hamr-Handl"), 200 Harrison, Jamestown, N. Y.  
 Cronk & Carrier Mfg. Co. ("Star," "Cronk's," "Elmira"), Elmira N. Y.  
 Curtiss Geo. L. Co. (Flat & Round), Southington, Conn.

Decatur Coffin Co. ("Eureka" Spiral), Decatur, Ill.  
 Dicke Tool Co. (For Electrical & Machinery Works), Downers Grove, Ill.  
 Dikeman Mfg. Co. ("Emergency" Pocket Telescope Handle), Norwalk, Conn.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Edelmenn E. & Co. ("4-in-1"), 345 E Ohio, Chicago, Ill.  
**EXCELSIOR NEEDLE CO.** (All Metal), Torrington, Conn.  
*See adv index at end of book*  
 Gay Geo. E. ("Gay" & "Union" Double Acting Ratchet), Augusta, Me.  
 Goodell-Pratt Co. (Spiral, Ratchet, Automatic, Bench Automatic, Gunsmiths' Pocket Set, etc), Greenfield, Mass.  
 Harding Mfg. Co. ("Blue Line," "Gray Line"), Mansfield, Mass.  
 Herbrand Co., Fremont, O.  
 Hugo Mfg. Co., Duluth, Minn.  
 Irving Mfg. & Tool Co. (J. F. McCoy Co., Props.), 157 Chambers, New York  
 Ives W. A. Mfg. Co. ("Pioneer," "Paradox," "Standard"), Wallingford, Conn.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s," "King," "Eureka," Spiral "Hinsdale"), 71 Murray, New York  
 Johnson Wm. (Hedenberg Works) (In great Variety), Newark, N. J.  
 Kendrick-Davis Co. ("K.-D.," Small), Lebanon, N. H.  
 Knickerbocker Mfg. Co., Belleville, N. J.  
 Lewald F. & Co. ("Grasp-It"), 206 W Adams, Chicago, Ill.  
 Marble Arms & Mfg. Co. ("Marble's," Pocket, for Hunters, etc), Gladstone, Mich.  
 Mayhew H. H. Co. (Machinists), Shelburne Falls, Mass.  
 Mechanical Specialties Co. (Off-Set), 122 S Michigan av, Chicago, Ill.  
 Miller's Falls Co. (Ratchet, Duplex & Automatic, In & Out), 28 Warren, New York  
 Morgan Spring Co., Worcester, Mass.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 North Bros. Mfg. Co. ("Yankee" Ratchet, Spiral, Plain & Pocket Magazine, etc), Lehigh av c American, Phila., Pa.  
 Ohio Tool Co. ("Ohio"), Charleston, W. Va.  
 Osborne C. S. & Co., Harrison, N. J.  
 Philadelphia Novelty Mfg. Co. (Disappearing Blade), 13th & Noble, Phila., Pa.  
 Rehm Hardware Co. (Pocket), 1501 Blue Island av, Chicago, Ill.  
 Reid A. H. Creamery & Dairy Supply Co. ("Reid" Automatic), 69th & Haverford, Phila., Pa.  
 Rubber Insulated Metals Corp. (Insulated), Plainfield, N. J.  
 Syracuse Twist Drill Co. ("Syracuse" Knurl Tool Makers), Syracuse, N. Y.  
*See adv index at end of book*  
 Sargent & Co., New Haven, Conn.  
 Sawyer Tool Mfg. Co. ("Samson"), Ashburnham, Mass.  
 Smith H. D. & Co. ("Perfect Handle," Drop Forged), Plantsville, Conn.  
 Smith & Egge Mfg. Co., Bridgeport, Conn.  
**SMITH & HEMENWAY CO.** ("Red Devil"), 76 Chambers, New York  
*See adv index at end of book*  
 Snell Mfg. Co., Fiskdale, Mass.  
 Southington Mfg. Co., Southington, Conn.  
 Stanley Rule & Level Co. ("Defiance," "Leader," "Hurwood"), New Britain, Conn.  
**STARRETT L. S. CO.** (Pocket, Jewelers, etc), Athol, Mass.  
*See adv index at end of book*  
 Stortz Jno. & Son, 210 Vine, Phila., Pa.  
 Swan Jas. Co., Seymour, Conn.  
 S. & I. Co. ("S. & I. Never Break," Solid End, Machinists, etc), Springfield, Mass.  
 Thayer Mfg. Co., Williamsburg, Mass.  
 Thomson Drop Forge Co., Plantsville, Conn.  
 Tucke Mfg. Co., Brockton, Mass.  
 Turner & Deegan ("Rosedale," "Edge-wood," "Handy," "Bristol," Carpenter & Cabinet Makers, etc), Bristol, Conn.  
 Union Hardware Co. ("Tower's," "Champion," "Samson," "Valley"), Torrington, Conn.  
 Vanderbeck A. (Combination), Hartford, Conn.  
 Vlchek Tool Co. ("Vlchek," "Rubberoid" Handle & All Steel, Offset, Electricians, Hammer Head, etc), 10711 Quincy av, Cleveland, O.  
 Washington Cutlery Co., Watertown, Wis.  
 White Ira F. & Son Co., Bloomfield, N. J.

### 13167—Screw Driver & Corkscrew Combined

Browne & Dowd Mfg. Co., Meriden, Conn.

### 13168—\*Screw Driver & Holder

**STARRETT L. S. CO.** (Opticians'), Athol, Mass. *See adv index at end of book*

### 13168a—Screw Drivers (Automatic)

Goodell-Pratt Co. (Also Ratchet Automatic Bench), Greenfield, Mass.  
 Millers Falls Co., 28 Warren, New York  
 Reid A. H. Creamery & Dairy Supply Co. ("Reid"), 69th & Haverford, Phila., Pa.  
 Swan James Co., Seymour, Conn.

### Screw Drivers (Electricians')

*See Screw Drivers, Insulated Handle & Ratchet*

### 13169—Screw Drivers (Eye Glass Screw)

West Haven Mfg. Co. ("Midget"), West Haven, Conn.

### 13170—Screw Drivers (Flexible Shaft)

Neil & Smith Electric Tool Co. ("Ideal," Variable Speed), 120 E 6th, Cincinnati, O.  
 Stow Mfg. Co., Binghamton, N. Y.  
*See adv index at end of book*

### 13171—Screw Drivers (Folding)

Burgess & Norton Mfg. Co. ("Bur-Nor"), Geneva, Ill.  
 Crescent Tool Co., 200 Harrison, Jamestown, N. Y.

### 13172—Screw Drivers (Insulated Handle & Ratchet)

Benjamin-Sellar Mfg. Co. ("Benjamin," Insulated Friction Drive), 559 W Quincy, Chicago, Ill.  
 Buffalo Specialty Co. (Leather), 375 Ellicott, Buffalo, N. Y.  
 Cincinnati Tool Co. ("Hargraves" Pistol Grip Ratchet), Cincinnati, O.  
*See adv index at end of book*  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Stanley Rule & Level Co., New Britain, Conn.  
**STARRETT L. S. CO.** ("Starrett," Pocket with Hard Rubber Handle), Athol, Mass. *See adv index at end of book*  
 Swan James Co., Seymour, Conn.  
 S. & I. Co., Springfield, Mass.

### 13173—Screw Drivers (Jewelers')

Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
 Worthington & Raymond (Jobbers), 47 John, New York

### 13174—Screw Drivers (Motor Driven)

Neil & Smith Electric Tool Co. ("Ideal," Variable Speed), 120 E 6th, Cincinnati, O.  
 United States Electric Tool Co., Cincinnati, O.

### 13175—Screw Drivers (Railroad Spike)

Washburn Shops, Worcester, Mass.

### 13176—Screw Eyes

Auer John Jr., 197 Middleton, Bklyn., N. Y.  
 Bethlehem Steel Co., S Bethlehem, Pa.  
 Brewer Bros. Co. (Wrought), 614 Filbert, Phila., Pa.  
 Brooks M. S. & Sons (Brass & Iron Wire), Chester, Conn.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.



Hindley Mfg. Co. (Brass & Bright Wire), Valley Falls, R. I.  
 Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.  
 Humason & Beckley Mfg. Co., New Britain, Conn.  
 Jencks E. Mfg. Co. (Bright & Brass Wire), Worcester, Mass.  
 Kansas City Bolt & Nut Co. (1 1/4 in. dia. to 1 3/4), Kansas City, Mo.  
 Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
 Morgan Spring Co., Worcester, Mass.  
 Parker Wire Goods Co. (Bright Wire & Brasses), Worcester, Mass.  
 Sargent & Co., New Haven, Conn.  
 Wilcox, Crittenden & Co., Middletown, Conn.  
 Wire Goods Co. (Bright Wire & Brass Wire), Worcester, Mass.  
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

### 13176a—\*Screw Machine Parts

## SCREW MACHINE PRODUCT

Anything up to 2" in any quantity. Send samples or blue prints for estimate.

**R. G. CLYNE MACHINE WORKS**  
 Columbia Building, St. Louis, Mo.

### 13177—Screw Machine Products

Ansonia Mfg. Co., Ansonia, Conn.  
 Armstrong F. A. W. & Co., Boston, Mass.  
 Ashley Machine Works, Rochester, N. Y.  
 Atlantic Machine Screw Co., 48 Binford, Boston, Mass.  
 Atlantic Mfg. Co., Bridgeport, Conn.  
 Atlas Bolt & Screw Co. (Automatic), 1000 Ivanhoe rd., Cleveland, O.  
 Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.  
**BARNES, THE WALLACE CO.** ("Barnes-Made," Special), 18 Wallace, Bristol, Conn. *See adv index at end of book*  
 Belvidere Screw & Machine Co., Belvidere, Ill.  
 Bilton Machine Tool Co. (The), Bridgeport, Conn.  
 Blake & Johnson Co., 1500 Thomaston av., Waterbury, Conn.  
*See adv index at end of book*  
 Boston Machine Screw Co., 17 Tudor, Boston, Mass.  
 Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.  
 Brown Bag Filling Machine Co., Fitchburg, Mass.  
 Brown Engineering Co., 110 N. 3d, Reading, Pa. *See adv index at end of book*  
 Burgess & Norton Mfg. Co., Geneva, Ill.  
 Burns & Bassick Co., Bridgeport, Conn.  
 Cassidy Fairbank Mfg. Co. (Contract Work a Specialty), 6126 S La Salle, Chicago, Ill.  
 Chadbourne-Walker Machine Screw Co., 100 Sudbury, Boston, Mass.  
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
 Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
 Cincinnati Ball Crank Co., Cincinnati, O.  
 Clark Novelty Co., Rochester, N. Y.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Cleverly Electrical Wks., 17 N 7th, Phila., Pa.  
 Columbus Auto Parts Co., Columbus, O.  
 Columbus Die, Tool & Machine Co. (To Special Order Only), 955 Cleveland av., Columbus, O.  
 Corbin Screw Corp. (Automatic), New Britain, Conn.  
 Cornwall & Patterson Co., Bridgeport, Conn.  
 Crescent Tool Co., 200 Harrison, Jamestown, N. Y.  
 Critchley Machine Screw Co., Worcester, Mass.  
 Curtis Screw Works, Buffalo, N. Y.  
 Day W. J. Forestville, Conn.  
 Dayton Metal Products Co., Dayton, O.  
 De Camp & Sloan Mfg. Co., 420 Ogden, Newark, N. J.  
 Defiance Screw Mach. Products Co., Defiance, O.

Delaware Marine Mfg. Co., B. & O. R. R. & Conrd, Wilmington, Del.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
 Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.  
 Eastern Mach. Screw Corp., New Haven, Conn.  
 Eastern Parts Mfg. Co., 27 Thames, New York  
 Elliott-Cornwall Mfg. Co., 542 Ironiston av., Bridgeport, Conn.  
 Ellison Brass Mfg. Co., Jamestown, N. Y.  
 Enterprise Mfg. Co., Akron, Ohio  
 Ferry Cap & Set Screw Co., Cleveland, O.  
 Forest City Machine & Forge Co., 5101 Lakeside av, N E, Cleveland, O.  
 Foster Bolt & Nut Mfg. Co., Cleveland, O.  
 Fostoria Screw Co., Fostoria, Ohio  
 Frost Mfg. Co., Kenosha, Wis.  
 General Mfg. Co., Waterbury, Conn.  
 Globe Mfg. Co., Perry, Ia.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Greer Fredric, 525 W Vanburen, Chicago, Ill.  
 Hanson Bros., Plainville, Conn.  
 Hartford Machine Screw Co. (From All Metals), Hartford, Conn.  
 Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.  
 Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.  
 Hoffecker Co., 222 Eliot, Boston, Mass.  
 Hough Chas. N. Mfg. Co., Franklin, Pa.  
 Hubbell Harvey, Bridgeport, Conn.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Ideal Switch Co., Plainville, Conn.  
 Ideal Tool & Specialty Co., 5211 Prospect av, Cleveland, O.  
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*  
 International Brass & Electric Co., 76 Beekman, New York  
 Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa. *See adv index at end of book*  
**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 McCully R. P. & C. H., 331 Van Buren, Brooklyn, N. Y.  
 Machine Parts Co., Elyria, O.  
 Mattatuck Mfg. Co., Waterbury, Conn.  
 Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.  
 Michigan Screw Co., Lansing, Mich.  
 Miles F. S., 205 Quarry, Phila., Pa.  
 Moore Geo. W., 44 Farnsworth, Boston, Mass.  
 Mossberg Frank Co., Attleboro, Mass.  
 Motor Car Spring Co., 243 W 17th, New York  
 National Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.  
 National Brass Mfg. Co., Rochester, N. Y.  
 National Cycle & Mfg. Co., Bay City, Mich.  
 National Sewing Machine Co., Belvidere, Ill.  
 Nelson A. Mfg. Co., 564 W Randolph, Chicago, Ill.  
 New Haven Screw Co., New Haven, Conn.  
 Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Nobbs Chas. & Son (Steel, Brass, German Silver, Tobin Bronze, etc), 156 Astor, Newark, N. J.  
 Ohio Metal Products Co., Dayton, O.  
 Olson Mfg. Co. (Special Automatic), Worcester, Mass.

Osborne & Stephenson Mfg. Co., Plainville, Conn.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Peck & Young Mfg. Co. (Brass), Forestville, Conn.  
 Peerless Automatic Machine Co., Cleveland, O.  
 Peninsular Milled Screw Co., Detroit, Mich.  
 Perry-Fay Mfg. Co. (Of All Kinds), Elyria, Ohio  
 Philadelphia Machine Screw Works, 624 Race, Phila., Pa.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
 Racine Metal Stamping Co., Racine, Wis.  
 Ramsdell Specialty Co., Worcester, Mass.  
 Reed & Prince Mfg. Co., Worcester, Mass.  
 Rochester Machine Screw Co., Rochester, N. Y.  
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.  
 Schoenborn & Cowles Mfg. Co., 368 Mt. Elliott, Detroit, Mich.  
 Seovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*  
 Screw Machine Products Co. (Brass or Steel), 1012 Eddy, Providence, R. I.  
 Screw Machine Specialty Co., 1132 Austin av, Chicago, Ill.  
 Seiss Mfg. Co., Toledo, O.  
 Shelton Co., Shelton, Conn.  
 Smith F. H. Mfg. Co. (Special to Order), 3047 Carroll av, Chicago, Ill.  
 Snead & Co. Iron Works, 93 Pine, Jersey City, N.J. *See adv index at end of book*

**SCREW MACHINE PRODUCTS**  
 Brass Bronze Steel  
**AEROPLANE PARTS**  
**SNOW & BARKLEY**  
 253 BROADWAY NEW YORK

**SPENCER'S I. S. SONS (INC.)**, Guilford, Conn.  
 Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.  
 Standard Screw Products Co. cor Bellevue & Warren, Detroit, Mich.  
 Steele & Johnson Mfg. Co., Waterbury, Conn.  
 Stevens Mfg. Co., Dale av, Dayton, Ohio  
 Stocker Mfg. Co., Detroit, Mich.  
 S. & I. Company, Springfield, Mass.  
 Thomas Mfg. Co., Dayton, O.  
 Toledo Screw Products Co., Toledo, O.  
 United States Automatic Co., Amherst, O.  
 Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.  
 Waltham Screw Co., Waltham, Mass.  
 Waterbury Mfg. Co., Waterbury, Conn.  
 Watson Mfg. Co., Toledo, O.  
 Wellman Bronze Co. (Special), 6017 Superior av, Cleveland, O.  
 Western Automatic Machine Screw Co., Elyria, O.  
 Western Screw Products Co., 3200 W 9th, St. Louis, Mo.  
 Wicaco Screw & Machine Works, 623 Wood, Phila., Pa.  
**WILMINGTON FIBRE SPECIALTY CO.**, Wilmington, Del.  
*See adv index at end of book*  
 Worcester Machine Screw Co., Standard Screw Co. Successors, Worcester, Mass.

### Screw Machinery

See Screw Cutting Machines; Screw Polishing Machines; Screw Shaving Machines; Screw Slotting Machines; Screw Thread Rolling Machines

### 13178—Screw Mfrs.

Under this Heading see Sub-classifications  
 American Rivet Co., New Haven, Conn.  
 American Screw Co. (Brass, Bronze & Iron), 21 Stevens, Providence, R. I.  
 Atlantic Screw Works, Hartford, Conn.  
 Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.  
 Barnes & Kobert Mfg. Co. (Galvanized), Milldale, Conn.

When writing to firms whose names appear in this book please mention

**HENDRICKS' COMMERCIAL REGISTER.**



Biggsby Rotary Mfg. Co. (Automobile),  
Cleveland, Ohio  
Blake & Johnson Co., 1500 Thomaston av.,  
Waterbury, Conn.  
*See adv index at end of book*

## MACHINE SCREWS

Special Rivets, Pins, Studs  
Threaded and Formed  
Wires and Other Parts  
From Wire and Rod  
SCREW MACHINE PRODUCTS

**THE BLAKE & JOHNSON CO.**

1500 Thomaston Ave.  
WATERBURY, CONN.

SINCE 1849

Champion Mfg. Co., 7332 Kimbark av.,  
Chicago, Ill.  
Chapin-Stephens Co., Pine Meadow, Conn.  
Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
Chicago Screw Co., 13 N Jefferson, Chi-  
cago, Ill.  
**CLARK BROS. BOLT CO.**, Milldale, Conn.  
*See adv index at end of book*  
Columbus Bolt Works Co., Columbus, O.  
Continental Wood Screw Co., New Bedford,  
Mass.  
Corbin Screw Corporation, New Britain,  
Conn.  
Critchley Machine Screw Co., Worcester,  
Mass.  
Curtis Screw Works, Buffalo, N. Y.  
Dayton Screw Co., Dayton, O.  
**DETROIT SCREW WORKS**, Detroit, Mich.  
*See adv index at end of book*  
Eastern Bolt & Nut Co., E Providence,  
Providence, R. I.  
Eastern Machine Screw Corp. (Special to  
Order), New Haven, Conn.  
Equipoise Rivet Co., Waterbury, Conn.  
Ferry Cap & Set Screw Co. (Steel), Cleve-  
land, O.  
Foster Bolt & Nut Mfg. Co., Cleveland, O.  
Gary Screw & Bolt Co., Gary, Ind.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Button-  
wood Phila., Pa.  
Hope Wm. H. Co. (Milled, etc), Lowell,  
Mass.  
Hubbell Harvey, Bridgeport, Conn.  
Humason & Beckley Mfg. Co., New Bri-  
tain, Conn.  
Illinois Nail Co., 826 Dix, Chicago, Ill.  
Kansas City Bolt & Nut Co., Kansas City,  
Mo.  
Kirk-Latty Mfg. Co., Cleveland, O.  
Lamson & Sessions Co., Cleveland, O.  
Michigan Bolt & Nut Works, Detroit,  
Mich.  
Michigan Screw Co., Lansing, Mich.  
Miles Franklin S, 205 Quarry, Phila., Pa.  
Milton Mfg. Co., Milton, Pa.  
Moran Bolt & Nut Mfg. Co., 1st & Flor-  
ida, St. Louis, Mo.  
National-Acme Mfg. Co., 7500 Stanton av.,  
S E, Cleveland, O.  
National Screw & Tack Co., Cleveland, O.  
National Sewing Machine Co., Belvidere,  
Ill.  
New England Screw Co., 44 Farnsworth,  
Boston, Mass.  
New Haven Screw Co. (Special to Order),  
New Haven, Conn.  
Niagara Screw Co., Buffalo, N. Y.  
Ohio Nut & Bolt Co., Berea, O.  
Olson Mfg. Co. (Special), Worcester, Mass.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Penn Hardware Co., Reading, Pa.  
Perry-Fay Mfg. Co., Elyria, O.  
Philadelphia Machine Screw Works, 624  
Race, Phila., Pa.  
Pittsburgh Screw & Bolt Co., Preble av.,  
Pittsburgh, Pa.  
Progressive Mfg. Co., Torrington, Conn.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213  
W. Grand av, Chicago, Ill.  
*See adv index at end of book*

Reading Screw Co., Norristown, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Republic Iron & Steel Co., Youngstown, O.  
St. Louis Screw Co., Clarence & Bulwer  
avs, St. Louis, Mo.  
**SCOVILL MFG. CO.**, Waterbury, Conn.  
*See adv index at end of book*  
Screw Machine Products Corp., 1012 Eddy,  
Providence, R. I.  
Smith F. H. Mfg. Co. (Special to Order),  
3047 Carroll av, Chicago, Ill.  
Southington Hardware Co., Southington,  
Conn.  
Steele & Johnson Mfg. Co., Waterbury,  
Conn.  
U. S. Automatic Co., Amherst, O.  
Waltham Screw Co., Waltham, Mass.  
Waterbury Mfg. Co., Waterbury, Conn.  
Western Automatic Mach. Screw Co.,  
Elyria, O.  
Wire Goods Co., Worcester, Mass.  
Worcester Machine Screw Co., Standard  
Screw Co., Successors, Worcester, Mass.

### 13179—Screw Plates

*See also Stocks & Dies*

**AMERICAN TAP & DIE CO.** ("Adaman-  
tine," "Acme" & "Eagle"), Green-  
field, Mass. *See adv index at end of book*  
Boker H. & Co., 101 Duane, New York  
Borden Co., The, Warren, O.  
*See adv index at end of book*  
Brubaker W. L. & Bros., Millersburg, Pa.  
Butterfield & Co. ("Derby," "Reece's  
New"), Derby Line, Vt.  
Canedy-Otto Mfg. Co., Chicago Heights,  
Ill.  
Card S. W. Mfg. Co. ("Paragon"), Mans-  
field, Mass.  
Carpenter J. M. Tap & Die Co. ("Car-  
penter's"), Pawtucket, R. I.  
Champion Blower & Forge Co. ("Cham-  
pion," Electric, etc), Lancaster, Pa.  
Conant & Donelson Co. ("Reliable"), Con-  
way, Mass.  
**GREENFIELD TAP & DIE CORP'N**  
("Little Giant," "Lightning," "Green  
River" & "G. T. D." for Bolt & Pipe  
with Adjustable Dies), Greenfield,  
Mass. *See adv index at end of book*  
Hart Mfg. Co. ("Duplex"), Cleveland, O.  
Jarecki Mfg. Co. ("Jarecki"), Erie, Pa.  
Morse Twist Drill & Machine Co. ("No.  
1. A. B. C. D. & E."), New Bedford,  
Mass.  
Oster Mfg. Co., Cleveland, O.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Polk A. J. & Son ("Common Sense"), Mill-  
ersburg, Pa.  
Russell Mfg. Co. ("Russell"), Greenfield,  
Mass.  
Superior Tap Co., Charlestown, N. H.  
Toledo Pipe Threading Machine Co., 1440  
Summit, Toledo, O.  
Walworth Mfg. Co., Boston, Mass.  
Wells F. E. & Son Co. ("Reece" & "Her-  
cules" "O. K." Full Mounted), Green-  
field, Mass.  
Winter Bros. Co., Wrentham, Mass.

### 13180—\*Screw Plates (Automobile)

**GREENFIELD TAP & DIE CORP'N**  
("Green River," "Lightning" & "Little  
Giant" "G. T. D." Standard Threads),  
Greenfield, Mass.  
*See adv index at end of book*

### 13180a—\*Screw Plates (Metric)

**AMERICAN TAP & DIE CO.** ("Adaman-  
tine"), Greenfield, Mass.  
*See adv index at end of book*  
**GREENFIELD TAP & DIE CORP'N**  
("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

### 13180b—\*Screw Sleeves (Expan- sion)

**STANNARD MFG. CO.** ("Little Giant"),  
371 Allen, Springfield, Mass.  
*See adv index at end of book*

### 13181—Screw Tops (Bottle)

Wheeling Stamping Co., Wheeling, W. Va.

### 13182—Screws (Ball Cock Connec- tion)

Chicago Nut Co., 2513 W 20th, Chicago, Ill.

### 13183—Screws (Bed)

Blake & Johnson Co., 1500 Thomaston av.,  
Waterbury, Conn.  
*See adv index at end of book*  
Corbin Screw Corp., New Britain, Conn.  
Lanson & Sessions Co., Cleveland, O.  
Shelton Co., Shelton, Conn.  
Upson Nut Co., Cleveland, O.

### 13184—Screws (Bench)

Ohio Tool Co. (Iron & Wood), Charleston,  
W. Va.  
Reading Hardware Co., Reading, Pa.  
Sargent & Co., New Haven, Conn.

### 13185—Screws (Bibb)

Hays Mfg. Co., Erie, Pa.  
Steele & Johnson Mfg. Co., Waterbury,  
Conn.  
Worcester Machine Screw Co., Standard  
Screw Co., Successors, Worcester, Mass.

### 13186—Screws (Bicycle)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd.,  
Cleveland, O.  
Chicago Screw Co. (Iron or Brass), 13 N  
Jefferson, Chicago, Ill.  
Curtis Screw Works, Buffalo, N. Y.  
Hartford Machine Screw Co., Hartford,  
Conn.  
Hill Geo. Q. Co., 32 Dorchester av, Boston,  
Mass.  
National-Acme Mfg. Co., 7500 Stanton av  
S E, Cleveland, O.  
National Screw & Tack Co., Cleveland, O.  
Western Automatic Machine Screw Co.,  
Elyria, O.  
Worcester Machine Screw Co., Standard  
Screw Co., Successors, Worcester, Mass.

### 13187—Screws (Brass, Copper & Bronze)

American Pin Co. ("Amplnco" Brass  
Only), Waterbury, Conn.  
American Screw Co., 21 Stevens, Provi-  
dence, R. I.  
Blake & Johnson Co., 1500 Thomaston av.,  
Waterbury, Conn.  
*See adv index at end of book*  
Bridgeport Brass Co. (To Order Only),  
Bridgeport, Conn.  
Columbus Brass Co., 538 Dublin av, Co-  
lumbus, O. *See adv index at end of book*  
Curtis Screw Works, Buffalo, N. Y.  
**DETROIT SCREW WORKS**, Detroit,  
Mich. *See adv index at end of book*  
Grammes L. F. & Sons, Allentown, Pa.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hassall Jno. (Inc.) (Plated), Clay & Oak-  
land, Brooklyn, N. Y.  
*See adv index at end of book*  
**HINDLEY GEAR CO.**, 1105 Frankford av.,  
Phila., Pa. *See adv index at end of book*  
Hubbell Harvey, Bridgeport, Conn.  
Hungerford U. T. Brass & Copper Co. (All  
Kinds), 80 Lafayette, New York  
Michigan Screw Co., Lansing, Mich.  
Mutual Electric & Machine Co. (Copper),  
232 Fort W., Detroit, Mich.  
National-Acme Mfg. Co. (Brass Only),  
7500 Stanton av S E, Cleveland, O.  
National Screw & Tack Co. (Brass Only),  
Cleveland, O.  
Phila. Machine Screw Works, 624 Race,  
Phila., Pa.

Reed & Prince Mfg. Co., Worcester, Mass.  
St. Louis Screw Co. (Brass & Bronze),  
Clarence & Bulwer avs, St. Louis, Mo.  
**SCOVILL MFG. CO.** (Brass Only), Water-  
bury, Conn. *See adv index at end of book*  
Steele & Johnson Mfg. Co., Waterbury,  
Conn.

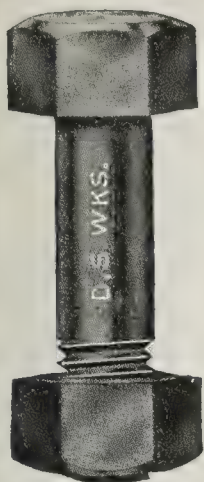
**TRUMBOUR-WHITEHEAD BRASS &  
COPPER CO.**, 309-311 Canal, New  
York, & 43 No 7th, Philadelphia, Pa.  
*See adv index at end of book*

Waltham Screw Co., Waltham, Mass.  
Waterbury Mfg. Co. (Brass Only), Water-  
bury, Conn.  
Welch T. F. Co., 55 Sudbury, Boston, Mass.  
Whitehead Metal Products Co., 67-73  
Washington North, Boston, Mass.  
*See adv index at end of book*  
Worcester Machine Screw Co., Standard  
Screw Co., Successor, Worcester, Mass.

### 13188—Screws (Brass Machine)

American Screw Co., 21 Stevens, Provi-  
dence, R. I.  
Blake & Johnson Co., 1500 Thomaston av.,  
Waterbury, Conn.  
*See adv index at end of book*





# DETROIT SCREW WORKS

MANUFACTURERS OF

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Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
Corbin Screw Corporation, New Britain, Conn.  
Grammes L. F. & Sons, Allentown, Pa.  
Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.  
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
Michigan Screw Co., Lansing, Mich.  
Miles Franklin S., 205 Quarry, Phila., Pa.  
National-Acme Mfg. Co., 7500 Stanton av S E, Cleveland, O.  
National Screw & Tack Co., Cleveland, O.  
Philadelphia Machine Screw Works, 624 Race, Phila., Pa.  
Progressive Mfg. Co., Torrington, Conn.  
Reading Screw Co., Norristown, Pa.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Reynolds James Mfg. Co., New Haven, Conn.  
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.  
Steele & Johnson Mfg. Co., Waterbury, Conn.  
Waltham Screw Co., Waltham, Mass.  
Western Automatic Machine Screw Co., Elyria, Ohio  
Wicaco Screw & Machine Works, 623 Wood, Philadelphia, Pa.  
Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

## 13189—\*Screws (Brass & Iron Machine)

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*

## 13190—Screws (Building Movers')

Erie Forge Co., Erie, Pa.  
**HINDLEY GEAR CO.**, 1105 Frankford av, Phila., Pa. *See adv index at end of book*  
New London Vise Works, New London, Conn.

## 13191— Screws (Can)

**AMERICAN CAN CO.**, 120 Broadway, New York. *See adv index at end of book*  
Consolidated Fruit Jar Co. ("Chace," etc), New Brunswick, N. J.  
Delphos Mfg. Co., 1st & Pierce, Delphos, O.  
Franklinville Canning Co., Franklinville, N. Y.  
Hero Mfg. Co. (Brass & Zinc), Gaul & Adams, Phila., Pa.  
Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

## 13192— Screws (Cap & Set)

**ALLEN MFG. CO.** ("Allen" Patent Safety Set Screws), 135 Sheldon, Hartford, Conn. *See adv index at end of book*  
Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.

Brown Engineering Co., 110 N 3rd, Reading, Pa. *See adv index at end of book*

Chicago Screw Co. (Iron & Steel), 13 N Jefferson, Chicago, Ill.

**CLARK BROS. BOLT CO.**, Milldale, Conn. *See adv index at end of book*

Columbus Bolt Works Co., Columbus, O.  
Corbin Screw Corporation (Also Knurled Set, etc), New Britain, Conn.

Critchley Machine Screw Co., Worcester, Mass.

Curtis Screw Works, Buffalo, N. Y.

**DETROIT SCREW WORKS** (Also "S. A. E." Caps), 348 Franklin, Detroit, Mich. *See adv index at end of book*

Eastern Bolt & Nut Co., E Providence, Providence, R. I.

Ferry Cap & Set Screw Co. (Steel), Cleveland, O.

Gary Screw & Bolt Co., Gary, Ind.

Hall's Samuel Sons (Milled), 229 W 10th, New York

Hart H. C. Mfg. Co. ("Hart," Hollow Cap Screw), Unionville, Conn.

Hartford Machine Screw Co., Hartford, Conn.

Haskell Wm. H. Mfg. Co. (Oval, Flat, Counter Sunk, Square, Hexagon, Button & French Head), Pawtucket, R. I.

Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Hope Wm. H. Co., Lowell, Mass.

Kirk-Latty Mfg. Co., Cleveland, O.

Michigan Screw Co., Lansing, Mich.

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

Niagara Screw Co., Buffalo, N. Y.

Ottomiller Wm. H. Co., York, Pa.

Pawtucket Mfg. Co., Pawtucket, R. I.

Payne's Bolt Works, 133 Howard, San Francisco, Cal.

Peck & Young Mfg. Co. (Brass), Forestville, Conn.

Peninsular Milled Screw Co., Detroit, Mich.

Penn. Shafting Co., Spring City, Pa.

Perry-Pay Mfg. Co. (Special), Elyria, O.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Progressive Mfg. Co. ("Eagle" Safety Set Screws), Torrington, Conn.

Reed & Prince Mfg. Co., Worcester, Mass.

Rhode Island Tool Co., Providence, R. I.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.

**SCOVILL MFG. CO.** (Cap), Waterbury, Conn. *See adv index at end of book*

Screw Machine Products Corporation, 1012 Eddy, Providence, R. I.

U. S. Automatic Co. (Cap Only), Amherst, O.

Upson Nut Co. (Set), Cleveland, O.

Waltham Screw Co., Waltham, Mass.

Western Automatic Mach. Screw Co., Elyria, O.

Worcester Machine Screw Co., Standard Screw Co., Successor (Rolled & Cut Thread), Worcester, Mass.

**13193— Screws (Capstan)**

Moore Geo. W. ("Moore's"), 44 Farnsworth, Boston, Mass.

## Screws (Closet)

See Screws, Plumbers'

## 13194—Screws (Coach & Lag)

See also Screw Manufacturers, Wood  
American Bolt Co., Birmingham, Ala.  
**Armstrong & Parker, Bath & North, Baltimore, Md.**

Bassett D. M. Bolt Works, Shelton, Conn.

Bayonne Bolt & Nut Co., Bayonne, N. J.

Berry Bros., Columbus, O.

Bethlehem Steel Co., So Bethlehem, Pa.

Buffalo Bolt Co., N Tonawanda, N. Y.

**CLARK BROS. BOLT CO.**, Milldale, Conn. *See adv index at end of book*

Cleveland Bolt & Mfg. Co., Cleveland, O.

Cleveland Wrought Washer Co., Cleveland, Ohio

Columbus Bolt Works Co., Columbus, O.

Continental Bolt & Iron Works, 2225 W 43d, Chicago, Ill.

Cook Asa Co., Hartford, Conn.

Corbin Screw Corporation (Gimlet Pointed, etc), New Britain, Conn.

Foster Bolt & Nut Mfg. Co., Cleveland, O.

Gary Screw & Bolt Co., Gary, Ind.

Graham Nut Co., 1317 W Carson, Pittsburgh, Pa.

Greenlie-Halliday Co., 499 Water, New York

Hall's Samuel Sons, 229 W 10th, New York

Haskell Wm. H. Mfg. Co. (Gimlet Pointed), Pawtucket, R. I.

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Hubbard & Co., 63d & Butler, Pittsburgh, Pa.

Kansas City Bolt & Nut Co. (Coach), Kansas City, Mo.

Kirk-Latty Mfg. Co., Cleveland, O.

Lake Erie Iron Co. (Also Gimlet Pointed Coach), Cleveland, O.

Lamson & Sessions Co., Cleveland, O.

Lanz M. & Sons (Cone & Gimlet Pointed Lag) 2907 Carson, Pittsburgh, Pa.

Lebanon Valley Iron & Steel Co., Lebanon, Pa.

McCabe Hanger Mfg. Co., 425 W 25th, New York

Maryland Bolt Co., Continental bldg, Baltimore, Md.

Michigan Bolt & Nut Works, Detroit, Mich.

Milton Mfg. Co., Milton, Pa.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

National Screw & Tack Co., Cleveland, O.

New Castle Steel & Iron Co., Pittsburgh, Pa.

Oliver Iron & Steel Co. (Gimlet Pointed, etc), S 10th & Muriel, Pittsburgh, Pa.

Pawtucket Mfg. Co. (Gimlet Point), Pawtucket, R. I.

Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.

Pottsville Bolt Co., Pottsville, Pa.

Republic Iron & Steel Co. (Gimlet Pointed), Youngstown, O.

Rhode Island Tool Co. (Gimlet Pointed), Providence, R. I.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

Roe & Conover (Lag), 206 Frelinghuysen av, Newark, N. J.

*See adv index at end of book*



St. Louis Screw Co., Clarence & Bulwer  
avs., St. Louis, Mo.  
Scranton Bolt & Nut Co., Scranton, Pa.  
Shelton Co., Shelton, Conn.  
Southern California Iron & Steel Co., 4th  
& Mateo, Los Angeles, Cal.  
Upson Nut Co., Cleveland, O.

### 13195— Screws (Collar)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd,  
Cleveland, O.  
Chicago Screw Co., 13 N Jefferson, Chi-  
cago, Ill.  
Corbin Screw Corporation, New Britain,  
Conn.  
Critchley Machine Screw Co., Worcester,  
Mass.  
Curtis Screw Works, Buffalo, N. Y.  
**DETROIT SCREW WORKS**, 348 Franklin,  
Detroit, Mich. *See adv index at end of book*  
Gary Screw & Bolt Co., Gary, Ind.  
Hartford Machine Screw Co., Hartford,  
Conn.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hill Geo. Q. Co., 32 Dorchester av, Boston,  
Mass.

**HINDLEY GEAR CO.**, 1105 Frankforday,  
Philadelphia, Pa.  
*See adv index at end of book*

Michigan Screw Co., Lansing, Mich.  
National-Acme Mfg. Co., 7500 Stanton av,  
S E, Cleveland, O.

Niagara Screw Co., Buffalo, N. Y.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Philadelphia Machine Screw Works (Also  
for Electrical Trade), 624 Race, Phila.,  
Pa.

Pittsburgh Screw & Bolt Co., Preble av,  
Pittsburgh, Pa.

St. Louis Screw Co., Clarence & Bulwer  
avs., St. Louis, Mo.

Waltham Screw Co., Waltham, Mass.  
Western Automatic Mach. Screw Co., Ely-  
ria, O.

Worcester Machine Screw Co., Standard  
Screw Co., Successor, Worcester, Mass.

#### Screws (Dowel)

See Screws, Wood

#### Screws (Drive)

See Screws, Wood

### 13196— Screws (Feed)

**HINDLEY GEAR CO.**, 1105 Frankford av,  
Philadelphia, Pa.  
*See adv index at end of book*

### 13197—\*Screws for Electrical Trade

See also Screw Machine Products

**DETROIT SCREW WORKS** (Collar, etc),  
348 Franklin, Detroit, Mich.  
*See adv index at end of book*

### 13198—Screws (German Silver)

Blake & Johnson Co., 1500 Thomaston av,  
Waterbury, Conn.

*See adv index at end of book*  
Curtis Screw Works, Buffalo, N. Y.  
Hassall Jno. (Inc.), Clay & Oakland,  
Brooklyn, N. Y.  
*See adv index at end of book*

National-Acme Mfg. Co., 7500 Stanton av,  
S E, Cleveland, O.

Philadelphia Machine Screw Works, 624  
Race, Phila., Pa.

Reed & Prince Mfg. Co., Worcester, Mass.  
Waltham Screw Co., Waltham, Mass.

Western Automatic Mach. Screw Co., Ely-  
ria, O.

Wicaco Screw & Machine Works, 623  
Wood, Philadelphia, Pa.

Worcester Machine Screw Co., Standard  
Screw Co., Successor, Worcester, Mass.

### 13199— \*Screws (Gib)

See also Screw Machine Products

**DETROIT SCREW WORKS**, 348 Franklin,  
Detroit, Mich. *See adv index at end of book*

### 13200— Screws (Gun)

Hartford Machine Screw Co., Hartford,  
Conn.

National Acme Mfg. Co., 7500 Stanton av,  
Cleveland, O.

Screw Machine Products Corp., 1012 Eddy,  
Providence, R. I.

Waltham Screw Co., Waltham, Mass.

### 13201— Screws (Hand)

Adjustable Clamp Co. ("Jorgensen" Ad-  
justable Steel Spindle), 216 N Jeffer-  
son, Chicago, Ill.  
Aldrich Wm. K., Lowell, Mass.

ESTABLISHED 1832  
**BLISS HAND SCREWS**  
LEADERS FOR  
**85 YRS.**  
**R. BLISS MFG. CO.** J. H. O'NEIL, Jr.  
Pawtucket, R. I., U. S. A. Successor to

Chicago Screw Co. (Improved "Reno"  
Wrought Iron Screws with Metal  
Bearing), 13 N Jefferson, Chicago, Ill.  
Christiansen C., 3418 Castello av, Chicago,  
Ill.

**DETROIT SCREW WORKS** (Iron with  
Metal Bearings, "Reno," Hand), 348  
Franklin, Detroit, Mich.

*See adv index at end of book*  
Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

Handy Mfg. Co., 29 E Madison, Chicago,  
Ill.

Illinois Iron & Bolt Co. (Wrought Iron),  
Carpentersville, Ill.

Kantslip Company ("Kantslip" Wood &  
Steel), Freeport, Mich.

New London Vise Works, New London,  
Conn.

Ohio Tool Co. (Wood), Charleston, W. Va.  
Oliver Machinery Co., Grand Rapids, Mich.  
Peck, Stow & Wilcox Co. (Wrought Iron  
Bench), Southington, Conn.

Rock Island Mfg. Co., Rock Island, Ill.  
Sandusky Tool Co. (Wood), Sandusky, O.  
Sargent & Co. (Iron & Wood), New Haven,  
Conn.

Taylor Jas. L. Mfg. Co., Bloomfield, N. J.  
Western Automatic Machine Screw Co.,  
Elyria, O.

### 13202— Screws (Hand Rail)

American Screw Co., 21 Stevens, Provi-  
dence, R. I.

Corbin Screw Corporation, New Britain,  
Conn.

Humason & Beckley Mfg. Co., New Brit-  
ain, Conn.

Jencks E. Mfg. Co., Worcester, Mass.

Parker Wire Goods Co., Worcester, Mass.

Sargent & Co., New Haven, Conn.

Wire Goods Co., Worcester, Mass.

#### Screws (Hand Saw)

See Screws, Saw

### 13203— Screws (Hanger)

**ANKYRA MFG. CO.**, Wayne Junction,  
Phila., Pa. *See adv index at end of book*

Atlas Bolt & Screw Co., 1000 Ivanhoe rd,  
Cleveland, O.

Bayonne Bolt & Nut Co., Bayonne, N. J.

Bethlehem Steel Co., So Bethlehem, Pa.

Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*

Cleveland Wrought Washer Co., Cleveland,  
Ohio

Columbus Bolt Works, Columbus, O.

Corbin Screw Corporation (Bolts), New  
Britain, Conn.

Curtis Screw Works, Buffalo, N. Y.

**DETROIT SCREW WORKS**, 348 Franklin,  
Detroit, Mich.

*See adv index at end of book*  
Foster Bolt & Nut Mfg. Co., Cleveland, O.

Gary Screw & Bolt Co., Gary, Ind.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Kansas City Bolt & Nut Co., Kansas City,  
Mo.

Kirk-Latty Mfg. Co., Cleveland, O.

Lamson & Sessions Co., Cleveland, O.

Lanz M. & Sons, 2907 Carson, Pittsburgh,  
Pa.

Michigan Bolt & Nut Works, Detroit,  
Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida,  
St. Louis, Mo.

National-Acme Mfg. Co., 7500 Stanton av,  
S E, Cleveland, O.

National Screw & Tack Co., Cleveland, O.  
New England Bolt Co., Everett, Mass.  
Niagara Screw Co., Buffalo, N. Y.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Pittsburgh Screw & Bolt Co., Preble av,  
Pittsburgh, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.  
Rockford Bolt Co., 60 Mill, Rockford, Ill.  
St. Louis Screw Co., Clarence & Bulwer av,  
St. Louis, Mo.

Scranton Bolt & Nut Co., Scranton, Pa.  
Shelton Company, Shelton, Conn.

Smith Thos. Co., Worcester, Mass.

Star Expansion Bolt Co. ("Star Expan-  
sion"), 147 Cedar, New York

Steward & Romaine Mfg. Co., 124 N 6th,  
Phila., Pa.

Upson Nut Co., Cleveland, O.

Western Automatic Machine Screw Co.,  
Elyria, O.

Worcester Machine Screw Co. (Standard  
Screw Co. Successor), Worcester, Mass.

### 13204— Screws (Headless)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd,  
Cleveland, O.

Blake & Johnson Co., 1500 Thomaston av,  
Waterbury, Conn.

*See adv index at end of book*  
Brooks M. S. & Sons, Chester, Conn.

Corbin Screw Corp., New Britain, Conn.

Critchley Machine Screw Co., Worcester,  
Mass.

Detroit Screw Works, 348 Franklin, De-  
troit, Mich. *See adv index at end of book*

Hanson Bros., Plainville, Conn.

Hartford Machine Screw Co., Hartford,  
Conn.

National Acme Mfg. Co., 7500 Stanton av,  
N E, Cleveland, O.

Philadelphia Machine Screw Works, 624  
Race, Phila., Pa.

Richards Benj & Co., Winsted, Conn.

Rockford Bolt Co., Rockford, Ill.

Screw Machine Products Corp., 1012 Eddy,  
Providence, R. I.

**13205—Screws (Hook & Eye)**  
Bethlehem Steel Co., So Bethlehem, Pa.

Haskell Wm. H. Mfg. Co., Pawtucket,  
R. I.

Moran Bolt & Nut Mfg. Co., 1st & Florida,  
St. Louis, Mo.

#### Screws (House Raising)

See Screws, Building Movers'

### 13206— Screws (Jack)

See also Jacks, Screw; also Jacks, Ratchet

American Skein & Foundry Co., Racine,  
Wis.

Brown Specialty Machinery Co. (Brown),  
2440 W 22d, Chicago, Ill.

Crofoot Gear Works, Cambridge, Mass.

Eichleay John Jr. Co. (House Movers',  
Seamless), 20th & Wharton, Pitts-  
burgh, Pa.

**HINDLEY GEAR CO.**, 1105 Frankford av,  
Philadelphia, Pa.

*See adv index at end of book*  
Illinois Iron & Bolt Co. ("I. I. & B. Co."),  
Carpentersville, Ill.

McLagon Foundry Co., New Haven, Conn.

Marcel & Smith, Springfield, Mass.

Miller's Falls Co., 28 Warren, New York

Sargent & Co., New Haven, Conn.

**STARRETT L. S. CO.** ("Little Giant"),  
Athol, Mass. *See adv index at end of book*

Southern Skein & Foundry Co., Chatta-  
nooga, Tenn.

Swett A. L. Iron Works (Ratchet, etc),  
Medina, N. Y.

West Haven Mfg. Co. ("High Low Jack,"  
Machinists), West Haven, Conn.

### 13207—Screws (Jack, Cable Reel)

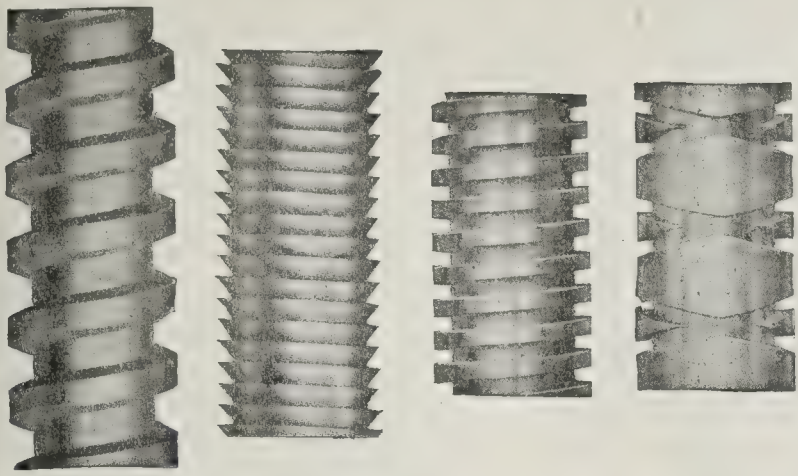
Illinois Iron & Bolt Co. ("I. I. & B. Co."),  
Carpentersville, Ill.

#### Screws (Jewelers')

See Screws, Watch & Clock

When writing to firms listed  
in this book please mention  
**HENDRICKS'**  
**COMMERCIAL REGISTER**





# LEAD FEED POWER SCREWS

**Hindley Gear Company**  
**1105 Frankford Avenue**  
**Philadelphia : : : Pa.**

## Screws (Lag)

See Screws, Coach & Lag

### 13208— Screws (Lead)

Crofoot Gear Works, Cambridge, Mass.  
**HINDLEY GEAR CO.**, 1105 Frankford av,  
 Philadelphia, Pa.  
*See adv index at end of book*

### 13209— Screws (Long)

**CRESSMAN N. C. CO.**, Drexel bldg, Phila-  
 delphia, Pa.  
 Kemp C. M. Mfg. Co. (Extra Heavy Pipe),  
 405 E Oliver, Baltimore, Md.  
 National Tube Co., Frick bldg, Pittsburgh,  
 Pa. *See adv index at end of book*

### 13210— Screws (Machine)

**ALLEN MFG. CO.** ("Allen" Safety Set &  
 Socket Cap Screws), 135 Sheldon,  
 Hartford, Conn.  
*See adv index at end of book*  
**AMERICAN SCREW CO.**, 21 Stevens,  
 Providence, R. I.  
 Atlantic Screw Works (David Tilton),  
 Hartford, Conn.  
 Atlas Bolt & Screw Co. (Iron & Brass),  
 1000 Ivanhoe rd, Cleveland, O.  
 Babson, Dow Mfg. Co., 60 Fulda, Boston,  
 Mass.  
 Blake & Johnson Co., 1500 Thomaston av,  
 Waterbury, Conn.  
*See adv index at end of book*  
 Chicago Nut Co., 2513 W 20th, Chicago,  
 Ill.  
 Chicago Screw Co. (Iron & Brass), 13 N  
 Jefferson, Chicago, Ill.  
 Cincinnati Screw Co., Twilight, O.  
 Cleveland Machine Screw Co., Cleveland,  
 Ohio  
 Continental Wood Screw Co. (Special),  
 New Bedford, Mass.  
 Corbin Screw Corporation (Brass or Iron),  
 New Britain, Conn.  
 Critchley Machine Screw Co., Worcester,  
 Mass.  
 Curtis Screw Works, Buffalo, N. Y.  
 Draper Corp., Hopedale, Mass.  
 General Mfg. Co., Waterbury, Conn.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hartford Machine Screw Co., Hartford,  
 Conn.  
 Hartley Screw Products Co., 65 N. J. R. R.  
 av, Newark, N. J.  
 Haskell Wm. H. Mfg. Co., Pawtucket,  
 R. I.  
 Hassall Jno. (Inc.) (Copper, Aluminum),  
 Clay & Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hill Geo. Q. Co., 32 Dorchester av, Bos-  
 ton, Mass.  
 Hoopes & Townsend Co., Broad & Button-  
 wood, Phila., Pa.  
 Hope Wm. H. Co. (Milled), Lowell, Mass.  
 Hubbell Harvey (Inc.), Bridgeport, Conn.  
 Keystone Screw Co., 17th & Lehigh, Phila-  
 delphia, Pa.  
 Kirk-Latty Mfg. Co., Cleveland, O.  
 Lubnow Mfg. Co., 592 1st av, Milwaukee,  
 Wis.  
 Michigan Screw Co., Lansing, Mich.  
 Miles Franklin S. (Brass, Iron & Steel),  
 205 Quarry, Phila., Pa.

Milled Screw & Machine Co., Sayre, Pa.  
 National-Acme Mfg. Co., 7500 Stanton av  
 S E, Cleveland, O.  
 National Screw & Tack Co., Cleveland, O.  
 New England Screw Co., 44 Farnsworth,  
 Boston, Mass.  
 Pheoll Mfg. Co. (Brass, Iron, Copper,  
 Bronze Monel Metal & Steel), 3700 W  
 12th, Chicago, Ill.  
 Philadelphia Machine Screw Works (All  
 kinds of special), Race & Sheridan,  
 Phila., Pa.  
 Progressive Mfg. Co., Torrington, Conn.  
 Reading Screw Co. (Brass & Iron, Norris-  
 town, Pa.  
 Reed & Prince Mfg. Co. (Brass & Steel),  
 Worcester, Mass.  
 St. Louis Screw Co., Clarence & Bulwer  
 avs, St. Louis, Mo.  
**SCOVILL MFG. CO.**, Waterbury, Conn.  
*See adv index at end of book*  
 Steele & Johnson Mfg. Co., Waterbury,  
 Conn.  
 Waltham Screw Co., Waltham, Mass.  
 Western Automatic Mach. Screw Co., Ely-  
 ria, Ohio  
 Western Screw Mfg. Co., 4842 W Kinzie,  
 Chicago, Ill.  
 Wicaco Screw & Machine Works, 623  
 Wood, Philadelphia, Pa.  
 Worcester Mach. Screw Co., Standard  
 Screw Co., Successors (Rolled & Cut  
 Thread), Worcester, Mass.

### 13211— Screws (Optical)

Hartford Machine Screw Co., Hartford,  
 Conn.  
 Waltham Screw Co., Waltham, Mass.

### 13212—Screws (Ore Washer)

Bethlehem Steel Co., So Bethlehem, Pa.  
**HINDLEY GEAR CO.**, 1105 Frankford av,  
 Philadelphia, Pa.  
*See adv index at end of book*

### 13213— Screws (Pad)

Frazer & Jones Co., Syracuse, N. Y.  
 National Screw & Tack Co. (For Sad-  
 dlers), Cleveland, O.  
 North & Judd Mfg. Co. ("Anchor  
 Brand"), New Britain, Conn.

### 13214—Screws (Pattern Lifting)

Federal Malleable Co. ("Fraser"), West  
 Allis, Wis.

### 13215—Screws (Phosphor Bronze)

Blake & Johnson Co., 1500 Thomaston av,  
 Waterbury, Conn.  
*See adv index at end of book*  
 Worcester Machine Screw Co., Standard  
 Screw Co., Successor, Worcester, Mass.

### Screws (Plated & Lacquered)

See Screws, Wood; also Screws, Brass, etc

### 13216— Screws (Plumbers')

See also Washers, Plumbers  
 American Pin Co. ("Ampinco" Brass &  
 Iron), Waterbury, Conn.  
 Ansonia Mfg. Co., Ansonia, Conn.

Berbecker & Rowland Mfg. Co. (Brass),  
 Waterville, Conn.  
 Blake & Johnson Co., 1500 Thomaston av,  
 Waterbury, Conn.  
*See adv index at end of book*  
 Chicago Nut Co., 2513 W 20th, Chicago,  
 Ill.  
 Edwardsville Brass Co. (Traps, etc), Ed-  
 wardsville, Ill.  
 Frost Mfg. Co. (Brass Closet), Kenosha,  
 Wis.  
 Glauber Brass Mfg. Co., 49th & Superior  
 av N E, Cleveland, O.  
 Hassall Jno. (Inc.) (Gas), Clay & Oak-  
 land, Brooklyn, N. Y.  
*See adv index at end of book*  
 Hays Mfg. Co. (Brass Trap, etc), Erie, Pa.  
 New England Screw Co., 44 Farnsworth,  
 Boston, Mass.  
 Progressive Mfg. Co., Torrington, Conn.  
 Russell J. M. Mfg. Co., Naugatuck, Conn.  
 Starbuck R. M. & Sons, Hartford, Conn.  
 Steele & Johnson Mfg. Co., Waterbury,  
 Conn.  
 Waterbury Mfg. Co., Waterbury, Conn.  
 Winkley Co. (Closet), Detroit, Mich.  
 Wolverine Brass Works (Closet, etc),  
 Grand Rapids, Mich.  
 Worcester Machine Screw Co., Standard  
 Screw Co., Successor, Worcester, Mass.

### 13217—Screws (Power, Lead & Feed)

Crofoot Gear Works, Cambridge, Mass.  
**HINDLEY GEAR CO.** (Any length, any  
 pitch, any style thread) 1105 Frank-  
 ford av, Phila., Pa.  
*See adv index at end of book*

### 13218— Screws (Press)

American Skein & Foundry Co. (For  
 Pressing Cider, Tobacco, Cheese, etc),  
 Racine, Wis.  
**HINDLEY GEAR CO.**, 1105 Frankford av,  
 Philadelphia, Pa.  
*See adv index at end of book*  
 Illinois Iron & Bolt Co. (For Pressing  
 Cider, Tobacco, Cheese, etc), Car-  
 pentersville, Ill.

### 13219— Screws (Rigging)

**HINDLEY GEAR CO.**, 1105 Frankford av,  
 Philadelphia, Pa.  
*See adv index at end of book*  
 Wilcox, Crittenden & Co., Middletown,  
 Conn.

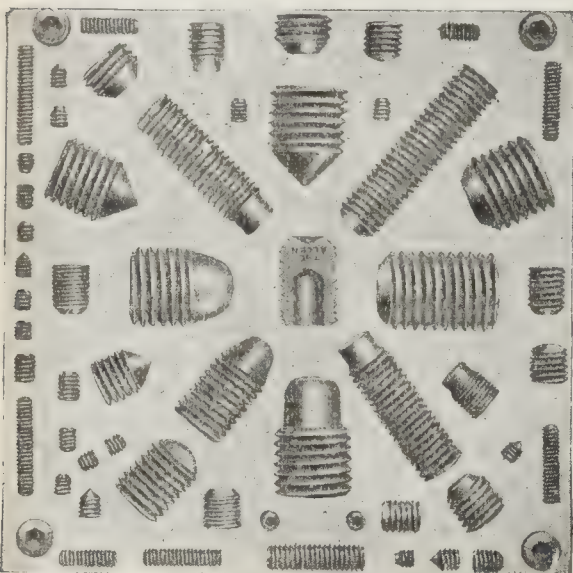
### 13220—Screws (Rolled Thread)

Blake & Johnson Co., 1500 Thomaston av,  
 Waterbury, Conn.  
*See adv index at end of book*  
 Corbin Screw Corp., New Britain, Conn.  
 General Mfg. Co., Waterbury, Conn.  
 Hassall Jno. (Inc.), Clay & Oakland,  
 Brooklyn, N. Y.  
*See adv index at end of book*  
 National Acme Mfg. Co., 7500 Stanton  
 av N E, Cleveland, O.  
 New England Screw Co., 44 Farnsworth,  
 Boston, Mass.  
 Progressive Mfg. Co., Torrington, Conn.  
 Reed & Prince Mfg. Co., Worcester, Mass.



**13220a—\*Screws (Safety Set)**

Allen Mfg. Co. ("Allen" Patent), 135 Sheldon, Hartford, Conn.  
See adv index at end of book

**Allen Safety Set Screws**

Any length, point or thread,  $\frac{1}{4}$  to  $1\frac{1}{2}$  in. diameter.

Send for Circular No. 25  
and free samples

**The Allen Mfg. Company, HARTFORD, CONN.**

130 North 5th Avenue Chicago, Ill.  
173 Princess Street Manchester, England

**13221— Screws (Saw)**

Corbin Screw Corporation, New Britain, Conn.

Curtis Screw Works, Buffalo, N. Y.

Disston H. & Sons, Tacony, Phila., Pa.

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.

See adv index at end of book

Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

Sargent & Co. (Brass), New Haven, Conn.

**SIMONDS MFG. CO.**, Fitchburg, Mass.

See adv index at end of book

Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

**Screws (Set)**

See Screws, Cap & Set

**13222—Screws (Set, Hollow)**

Allen Mfg. Co., 135 Sheldon, Hartford, Conn. See adv index at end of book

**BRISTOL CO.** ("Bristol Safety"), Waterbury, Conn. See adv index at end of book

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.

Mac-It Parts Co. ("Mac-It"), Lancaster, Pa.

New Haven Screw Co. ("Foster"), New Haven, Conn.

Progressive Mfg. Co. ("Eagle"), Torrington, Conn.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Standard Pressed Steel Co. ("Standco"), 20th & Clearfield, Phila., Pa.

**13223—Screws (Sheet Metal)**

Parker Supply Co., 785 E 135th, New York

**13224— Screws (Shutter)**

Reading Hardware Co., Reading, Pa.  
Sargent & Co., New Haven, Conn.

**13225— Screws (Side Knob)**

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

See adv index at end of book

Corbin Screw Corp., New Britain, Conn.

Hassall Jno. (Inc.), Clay & Oakland, Brooklyn, N. Y.

See adv index at end of book

Penn. Hardware Co., Reading, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.

**13226— Screws (Skein)**

Bethlehem Steel Co., So Bethlehem, Pa.

Foster Bolt & Nut Mfg. Co., Cleveland, O.

Kansas City Bolt & Nut Co., Kansas City, Mo.

Lamson & Sessions Co., Cleveland, O.

Michigan Bolt & Nut Works, Detroit, Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.

**13227— Screws (Stage)**

Brewer Bros. Co. (Steel), 614 Filbert, Philadelphia, Pa.

**13228— Screws (Stop Bead)**

Lawrence Bros., Sterling, Ill.

National Mfg. Co. ("One Piece"), Sterling, Ill.

**13229— Screws (Stud)**

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

See adv index at end of book

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.

Michigan Screw Co., Lansing, Mich.

Miles Franklin S., 205 Quarry, Phila., Pa.

Republic Iron & Steel Co., Youngstown, O.

Reynolds James Mfg. Co., New Haven, Conn.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Waltham Screw Co., Waltham, Mass.

Western Automatic Mach. Screw Co., Elyria, O.

**13230—Screws (Telegraph Pole)**

Worcester Machine Screw Co., Standard Screw Co., Successor, Worcester, Mass.

**13231— Screws (Thumb)**

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.

Billings & Spencer Co., ("B & S") Hartford, Conn.

Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.

See adv index at end of book

Chicago Screw Co. (Drop Forge & Malleable Iron), 13 N Jefferson, Chicago, Ill.

Clark Bros. Bolt Co., Milldale, Conn.

See adv index at end of book

Corbin Screw Corp., New Britain, Conn.

Curtis Screw Works, Buffalo, N. Y.

**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.

See adv index at end of book

Devlin Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.

Harris Samuel & Co. ("Harris"), 114 N Clinton, Chicago, Ill.

Hartford Machine Screw Co., Hartford, Conn.

Haskell Wm. H. Mfg. Co. (Drop Forged), Pawtucket, R. I.

Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.

Keystone Drop Forge Works (Drop Forged), Chester, Pa.

Kirk-Latty Mfg. Co., Cleveland, O.

Miles Franklin S., 205 Quarry, Phila., Pa.

Morgan Spring Co., Worcester, Mass.

Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.

Parker Wire Goods Co. (Wire Box, Thumb), Worcester, Mass.

Peck & Young Mfg. Co. (Round Head), Forestville, Conn.

Philadelphia Machine Screw Works, 624 Race, Phila., Pa.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Reed & Prince Mfg. Co. (Thumb), Worcester, Mass.

Rhode Island Tool Co., Providence, R. I.

Rockford Bolt Co., 60 Mill, Rockford, Ill.

**St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.**

Steele & Johnson Mfg. Co., Waterbury, Conn.

Welch T. F. Co. (Brass), 55 Sudbury, Boston, Mass.

Western Automatic Mach. Screw Co., Elyria, Ohio

**Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.**

Wrightsville Hardware Co. (With Wrought Bolt), Wrightsville, Pa.

**13232— Screws (Tobacco)**

Bates Elevator Co., 211 President, Baltimore, Md.

Ripley Foundry & Machine Co. ("Parker," Stationary), Ripley, O.

**13233—Screws (Watch & Clock)**

Waltham Screw Co., Waltham, Mass.

**Screws (Water Closet)**

See Screws, Plumbers

**13234— Screws (Wood)**

**AMERICAN SCREW CO.**, 21 Stevens, Providence, R. I.

Atlantic Screw Works (Brass & Bronze), (David Tilton, Prop.), Hartford, Conn.

Bridgeport Screw Co. ("B. S. Co." Iron, Steel & Brass), Bridgeport, Conn.

Continental Wood Screw Co., New Bedford, Mass.

Corbin Screw Corporation, New Britain, Conn.

Eagle Lock Co., Terryville, Conn.

Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.

Hassall Jno. (Inc.), Clay & Oakland, B'klyn, N. Y. See adv index at end of book

National Screw & Tack Co. (Iron & Brass), Cleveland, O.

Parker Chas. Co. ("U. S. Screw Co."), Meriden, Conn.

Penn. Hdw. Co., Reading, Pa.

Reading Screw Co. (Brass & Iron), Norristown, Pa.

Reed & Prince Mfg. Co. (Steel, Brass & Bronze), Worcester, Mass.

Southington Hardware Co., Southington, Conn.

**13235— Screws (Wooden)**

Aldrich Wm. K. Co., Lowell, Mass.

Bogert & Hopper, 67 Barclay, New York

Estes E. B. & Sons, 358 5th av, New York

See adv index at end of book

Pierce Wm. E. & Co., Milford, N. H.

**13236—Scribers (Adjustable, Etc.)**

**STARRETT L. S. CO.**, Athol, Mass.

See adv index at end of book

**13237— Scribers (Machinists')**

Goodell-Pratt Co., Greenfield, Mass.

S. & I. Co., Springfield, Mass.

West Haven Mfg. Co. ("Peck's"), West Haven, Conn.

**13238— Scribers (Timber)**

Bemis & Call Hardware & Tool Co., Springfield, Mass.

**13239— Scriptographs**

Bond St. Georges (For Writing Signatures in Multiple), Crozer bldg, Phila., Pa.

Universal Specialty Co., 121 E 27th, New York

**Scrolls (Wooden)**

See Ornaments, Wood

**Scrubbers (Ammonia)**

See Purifiers & Scrubbers, Gas

**13240— Scrubbers (Floor)**

Dennis W. J. & Co. ("Ideal" Rubber), 2222 W Lake, Chicago, Ill.

Standard Cleaner Co. (Rubber), 122 S Mich. av, Chicago, Ill.

**Scrubbers (Gas)**

See Purifiers & Scrubbers, Gas



**Sculptors (Architectural)**

See Modelers & Sculptors, Architectural;  
also Carvers, Stone

**13241— Scuppers**

Electric Welding Co., Benedum Trees bldg,  
Pittsburgh, Pa.

**WATERTITE DRAIN & SCUPPER CO.,**  
351 Lexington av, New York

**13242—Scutches (Bricklayers')**

Atha Tool Co. (Fire Brick), Capel, New-  
ark, N. J.

Buffum Tool Co. ("Swastika"), South  
Side, Louisiana, Mo.

Warren Tool & Forge Co., Warren, O.

**13243— Scythe Mfrs.**

American Axe & Tool Co., Glassport, Pa.  
Columbian Cutlery Co. (Grass, Weed &  
Bush), Reading, Pa.

Dunn Edge Tool Co. ("Clipper," "Damas-  
cus," "Black Champion"), Oakland,  
Me.

Emerson & Stevens Mfg. Co., Oakland, Me.  
Kelly Axe Mfg. Co., Charleston, W. Va.  
North Wayne Tool Co. ("C. C. Brooks,"  
"Little Giant," "Be Ve Be"), Hallo-  
well, Me.

Rixford Mfg. Co., East Highgate, Vt.  
Sibley Scythe Co., North Newport, N. H.  
Wadsworth David & Son, Auburn, N. Y.  
Winsted Mfg. Co. (Grass, Grain, Bush,  
Bramble, Weed & Lawn), Winsted,  
Conn.

**13244— Scythe Snaths**

American Fork & Hoe Co., Cleveland, O.  
Brinser E. C. Sons, Richmond, Va.

Derby & Ball, Bellows Falls, Vt.  
Edwards & Edwards, Waterbury, Vt.

Emerson & Stevens Mfg. Co., Oakland, Me.  
Fenn Mfg. Co. ("Independent"), Charlotte,  
Mich.

North Indianapolis Cradle Works, Indi-  
anapolis, Ind.

Seymour Mfg. Co. ("Princess," "Daisy,"  
"Nivision," "So. African Creedmoor"),  
Seymour, Ind.

**13245— Seacoal**

Lookout Paint Mfg. Co., Chattanooga,  
Tenn.

Midvale Mining & Mfg. Co., Central Natl.  
Bank bldg, St. Louis, Mo. Works:  
East St. Louis, Ill.

**13246—\*Seals (Case & Box)**

**CARY MFG. CO.** ("Cary's Patented Pro-  
tective Seals"), Nassau & Jay, Brook-  
lyn, N. Y. See adv index at end of book

**STANLEY WORKS,** New Britain, Conn.  
See adv index at end of book

**13247— Seals (Lead)**

Acme Steel Goods Co. ("Acme"), 2834  
Archer av, Chicago, Ill.

See adv index at end of book

American Casting Co., 30 Main, Brooklyn,  
N. Y.

American Smelting & Refining Co., Cin-  
cinnati, O.

Chadwick-Boston Lead Co., Boston, Mass.  
Grammes L. F. & Sons, Allentown, Pa.

Hiertz Theo. Metal Co., Alaska & Tes-  
son, St. Louis, Mo.

Lawrence Shot & Lead Co., Omaha, Neb.  
Matthews Jas. H. & Co., 3942 Forbes,  
Pittsburgh, Pa.

**13248—Seals (Shipping Case)**

Mensha Wooden Ware Co. ("Mensha,"  
Wooden for Candy, Coconut, Lard,  
Pails, etc), Mensha, Wis.

**13249— Seals (Tin)**

Acme Steel Goods Co. ("Acme"), 2834  
Archer av, Chicago, Ill.

See adv index at end of book

Porter Safety Seal Co. ("Porter," Safety),  
1110 W Lake, Chicago, Ill.

**13250— Seals & Sealing Presses  
(Car)**

American Casting Co., 30 Main, Brooklyn,  
N. Y.

American Railway Supply Co., 134 Charles,  
New York

American Seal Co., Bridgeport, Conn.  
American Smelting & Refining Co. (Lead),  
Cincinnati, O.

Brooks E. J. & Co., 227 Fulton, New York  
Chicago Car Seal Co., 364 N Green, Chi-  
cago, Ill.

Edgar Steel Seal & Mfg. Co. (Steel Seals),  
Lawrence, Kans.

Handlan-Buck Mfg. Co. ("Handlan's"),  
210-14 N 3d, St. Louis, Mo.

Hiertz Theo., Alaska & Tesson (Lead Car  
Seals), St. Louis, Mo.

Hill-Independent Mfg. Co., Emerald &  
Adams, Phila., Pa.

Howlet J. & Co. (Lead Car Seals), Irving-  
ton, N. J.

International Seal & Lock Co. ("Tyden"  
Self-Locking Seals), Hastings, Mich.

Keystone Seal & Press Co. ("Keystone"  
"Giant," Bull Dog Presses & "Key-  
stone" Anchor, "Diamond," "Duplex"  
Seals), 39 Cortlandt, New York

Lehmer Jos. R. Co., Omaha, Neb.

National Car Seal Co., Hamilton, O.

Northwestern Car Seal Co., 108 N Jeffer-  
son, Chicago, Ill.

Parker T. M., Hartford, Conn.

Spencer S. M. Mfg. Co., 9 Cornhill, Bos-  
ton, Mass.

Utica Drop Forge & Tool Co. (Presses),  
Utica, N. Y.

Wenk Theo. (Seals), 75 Fulton, New York

**13251— Seals & Sealing Presses  
(Cigar Makers')**

National Selling Co., Allentown, Pa.

**13252—Seamers (Adjustable Pocket)**

Dickey-Grabler Co. (For Sheet Metal), 118  
Noble ct, Cleveland, O.

**13253— Seamers (Roofing)**

Burritt O. W. & Bro. ("Burritts" Double  
& Cross Lock for Tin & Galvanized  
Roofing), Weedsport, N. Y.

Dickey-Grabler Co. (Adjustable Pocket),  
118 Noble ct, Cleveland, O.

Emrich Phil. ("Emrich" Double, etc), 824  
Main, Cincinnati, O.

Merchant & Evans Co., 2035 Washington  
av, Philadelphia, Pa.

See adv index at end of book

**Searchlights**

See Projectors or Searchlights

**13254—Searchlights (Acetylene)**

Badger Brass Mfg. Co. ("Solar"), Keno-  
sha, Wis.

Boesch Lamp Co., 962 Mission, San Fran-  
cisco, Cal.

MacLeod Co., 2227 Bogen, Cincinnati, O.

See adv index at end of book

**MILBURN A. ALEXANDER CO.,** 1420 W  
Baltimore, Baltimore, Md.

See adv index at end of book

Rose Mfg. Co. ("Neverout"), 910 Arch,  
Phila., Pa.

**13254a—\*Searchlights (Electric)**

See also Projectiles or Searchlights

Morse F. W., 293 Congress, Boston, Mass.  
See adv index at end of book

**13255—\*Seat Ends (Hollow Metal)**

**DAHLSTROM METALLIC DOOR CO.**  
(For R. R. Cars), 35 Blackstone av,  
Jamestown, N. Y.

See adv index at end of book

**13256—\*Seat Springs (Wagon)**

Illinois Malleable Iron Co. ("Spencer"),  
1801 Diversey blvd, Chicago, Ill.

See adv index at end of book

**Seating**

See Furniture, School; also Furniture,  
Church; also Opera Chairs & Assem-  
bly Seating

**Seating (Car)**

See Car Seats, Chairs & Fittings

**13257— Seating (Veneer)**

Adler Veneer Seat Co., Paynter av, Brook-  
lyn, N. Y.

Ahnapee Veneer & Seating Co., Algoma,  
Wis.

American Veneer Co., Hoboken, N. J.

Eggers Fred Veneer Seating Co., Two  
Rivers, Wis.

Frost's Veneer Seating Co. (Ltd.), She-  
boygan, Wis.

McKibben G. N. (Also Panels, etc), South  
Norwalk, Conn.

**13258—Seats (Agricultural Imple-  
ment)**

American Shovel & Stamping Co., Lorain,  
Ohio

Brier Hill Steel Co. (Stamped Steel),  
Youngstown, O.

Cambria Steel Co. (Pressed Steel), Wid-  
ener bldg, Phila., Pa.

Garry Iron & Steel Co. (Steel), Niles, O.

Moline Pressed Steel Co., East Moline, Ill.

St. Louis Metalware Co., 2507 W Broad-  
way, St. Louis, Mo.

**13259— Seats (Automobile)**

A. Z. Co. ("A.-Z." Metal), 527 W 56th,  
New York

Ahr & Rost Co. (Wood), Cincinnati, O.

American Auto Top Mfg. Co. (Folding  
Auxiliary), 1451 Wash blvd, Chicago,  
Ill.

Ames Motor Car Co., Owensboro, Ky.

Amesbury Brass & Foundry Co., Ames-  
bury, Mass.

Borbein Auto Co., 2109 N 9th, St. Louis,  
Mo.

Brunn & Co. (Folding), 988 Ellicott, Buf-  
falo, N. Y.

Buffington C. A. & Co. ("Buffington" Steel  
Chairs & Tools), Berkshire, N. Y.

Central Mfg. Co. (Steel), Connersville, Ind.

Chicago Coach & Carriage Co. (Folding),  
1223 S Michigan av, Chicago, Ill.

Chicago Steel Foundry Co. (Cast Steel  
Spring Seats to Order), 3701 S Kedzie  
av, Chicago, Ill.

Cincinnati Panel Co., 1938 W 8th, Cin-  
cinnati, O.

Dann Bros. & Co., New Haven, Conn.

Essex Brass Foundry Co. (Auxiliary),  
Cambridge, Mass.

Hill Mfg. Co. ("Hill" Auxiliary Revolving  
& Folding), 23 Fuller, Buffalo, N. Y.

Hodge & Graves Co. ("Luxury" Revolving  
Auxiliary Chairs), Amesbury, Mass.

Kimball C. P. & Co. (Folding), 3900 S  
Michigan av, Chicago, Ill.

Kreidler Auto Top Co., Trenton, N. J.

McKinnon Dash Co. ("McKinnon" Fold-  
ing), Buffalo, N. Y.

Marshalltown Buggy Co., Marshalltown,  
Iowa

Metal Stamping Co. ("Peerless" Folding),  
13th, Long Island City, N. Y.

Miller A. J. & Co., Bellefontaine, O.

Mulholland Co. (Commercial), Dunkirk,  
N. Y.

Niagara Auto Radiator Co. (Metal), 151  
W 68th, New York

Polson Mfg. Co. ("Polson" Auxiliary),  
Buffalo, N. Y.

St. Louis Metalware Co., 2507 N B'way, St.  
Louis, Mo. See adv index at end of book

Sterling Top & Equipment Co., 518 W 57th,  
New York

Sussman M. & Rosenberg Mfg. Co., Tarry-  
town, N. Y.

Union City Body Co., Union City, Ind.

Vincent-Alward Co., Kenosha, Wis.

Walker-Wells Co., Amesbury, Mass.

See adv index at end of book

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Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*  
 Eustis J. P. Mfg. Co. ("Brasscrafters"), Cambridge, Mass.  
 Galard Co. ("Omala"), 335 6th av, Newark, N. J.  
 Hess Chas. Co. (For Export), 96 Wall, New York  
 Hutchins-Kilbourne Co. (Hardwood Seat, Retinned Wire), Buffalo, N. Y.  
 Jenkins Mfg. Co., 20 Vesey, New York  
 Leclair Mfg. Co., Edwardsville, Ill.  
 Novelty Mfg. Co. ("Wilwear," Adjustable), Waterbury, Conn.  
 Parker Chas. Co., Meriden, Conn.  
 Plumbers' Woodwork Co., Algoma, Wis.  
 Queen Mfg. Co., 313 S Clinton, Chicago, Ill.  
 Searls Mfg. Co., 29 Mulberry, Newark, N. J.  
 Sillocks-Miller Co. ("Celluvarno"), S Orange, N. J.  
 Silver & Co., 304 Hewes (Cellu, White Metal), Brooklyn, N. Y.  
 Smith E. C. Mfg. Co., 120 N Union, Chicago, Ill.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Timberlake J. B. & Sons (Board Seat, Wire Hanger), Jackson, Mich.  
 U. S. Sanitary Mfg. Co. ("20th Century"), Aroitt bldg, Pittsburgh, Pa.  
 Wolverine Brass Works, Grand Rapids, Mich.

### 13261—Seats (Buggy, Steel)

St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

### 13262—Seats (Chair)

Adler Veneer Seat Co. (Veneer), Paynter av, Long Island City, N. Y.  
 American Fibre Chair Seat Corp., 540 Van Alst av, L. I. City, N. Y.  
 American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.  
 Barber Leather Co. (Fibre), North Adams, Mass.  
 Blair Veneer Co. (Veneer, etc), "Douglas," "Crown," "Ulster", North Troy, Vt.  
 Buffalo Decorative Fibre Co. (Fibre), Buffalo, N. Y.  
 Capital Seat & Novelty Co. ("Mia Heala" Fibre) 369 3rd av, New York  
 Chicago Decorated Leather Co. (Fibre, etc), 426 S Clinton, Chicago, Ill.  
 Continental Fibre Co. (Hard Fibre), Newark Centre, Del.  
 Diamond State Fibre Co. (Hard Fibre), Elsmere, Del.  
**DELAWARE HARD FIBRE CO.** (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*  
 Eggers F. Veneer Seating Co. (Veneer), Two Rivers, Wis.  
 Fox George E. Co., 54 W Kinzie, Chicago, Ill.  
 Frost's Veneer Seating Co., (Ltd.) (Veneer), Sheboygan, Wis.  
 Gary Theo. H. Co. ("Unicum"), 67 Irving pl, New York  
 Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.  
 Lubbers & Bell Mfg. Co. (Upholstered, Steel Base), Clinton, Ia.  
 Marina Spoke Co., Marina, Ark.  
 National Fibre & Insulation Co. (Fibre), Yorklyn, Del.  
 Pick Richard Mfg. Co. (Fibre, etc), 224 N 5th av, Chicago, Ill.  
 Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.  
 Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.  
 United Chair Seat & Novelty Co., (Fibre), 53 E 10th, New York

### 13263—Seats (Closet)

*See also Plumbers' Woodwork*

American Sanitary Works ("B. O. T."), Washington, N. J.  
 Becker Mfg. Co. ("Hercules"), Marietta, Ohio.  
 Berglas M. P. Mfg. Co., 10 Fulton, Brooklyn, N. Y.  
 B R E Mfg. Co. ("B R E Hygienic," "Senior-Junior Hygienic"), Hyde Park, Boston, Mass.  
 Brunswick-Balke-Collender Co. ("Whale-Bone-It"), 629 S Wabash av, Chicago, Ill.  
 Buckeye Tank & Seat Co., Canton, O.  
 Casey-Hedges Co., Chattanooga, Tenn.

Church C. F. Mfg. Co. ("White Pyralin," "Crescent," "Famous," "Climax," & "Eclipse"), Holyoke, Mass.  
 Climax Sanitary Co. ("Splitproof," "Max-co"), Detroit, Mich.  
 Columbus Brass Co. ("Brasco"), 538 Dublin av, Columbus, O.  
*See adv index at end of book*

Concord Woodworking Co., Concord, N. H.  
 Cowan Mfg. Co., Fulton bldg, Pittsburgh, Pa.

Coyne & Delany Co. ("C. & D."), 832 Kent av, Brooklyn, N. Y.  
 Detroit Tank & Seat Co., Detroit, Mich.  
 Douglas John Co., Carthage, Cincinnati, O.  
 Edwardsville Brass Co., Edwardsville, Ill.  
 Eichman J. C. Mfg. Co. ("Hammerlock"), Bush & Wicomico, Baltimore, Md.

Emery Wm. S. ("Acme," "Primrose," "Non-Split"), 74 Cliff, New York  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

Fibre Corporation, Lockport, N. Y.  
 Findelsen & Kropf Mfg. Co. ("Cello" White), 2550 W 21st, Chicago, Ill.  
 Galard Co. ("Omala"), 335 6th av, Newark, N. J.

Globe Furniture Co. Ltd., Northville, Mich.  
 Grand Rapids Hand Screw Co. ("Bull Dog," "Globe"), Grand Rapids, Mich.  
 Haines, Jones & Cadbury Co. ("Relyo," "Fema," "Ivoroid"), 1136 Ridge av, Phila., Pa.

Knott Mfg. Co., Tell City, Ind.  
 Leclair Mfg. Co., Edwardsville, Ill.  
 Meyer-Sniffen Co. ("Climax"), 11 W 36th, New York

Miller Chas. A. Co., Sturgis, Mich.  
 Milwaukee Seat & Tank Co., Milwaukee, Wis.

Mott J. L. Iron Works, 118 5th av, New York

Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.

Never Split Seat Co. ("Never Split"), Evansville, Ind.

Olmstead-Thomson Mfg. Co. ("Square Deal"), New Britain, Conn.

Patterson-Kiser Seat Co. ("Albright"), Osada Sheet Metal & Wood Works, 1422 S Front, Phila., Pa.

Greensboro, N. C.

Peerless Selling Co. ("Don't Worry"), Evansville, Ind.

Pierce W. E. & Co., Milford, N. H.

Perfect Tank & Sheet Co., Syracuse, N. Y.

Pfau Mfg. Co. ("Pfau"), Mentor & Huston Norwood, Cincinnati, O.

Phila. Sheet Metal & Wood Works, 108 Reed, Phila., Pa.

Plumbers' Woodwork Co. ("Badger"), Algoma, Wis.

Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.

Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.

Sanitary Specialties Co. ("Ivoroid," "Porceloid"), 1836 E Clearfield, Phila., Pa.

Sherwood Brass Works ("Sherwood," Aluminum), Detroit, Mich.

Shwab Bros. Co. ("Neverbreak" & Childs Comfort), 811 E 9th, New York

Sillocks-Miller Co. ("Celluvarno"), S Orange, N. J.

Standard Sanitary Mfg. Co. ("Ivorite"), Bessemer bldg, Pittsburgh, Pa.

Standard Tank & Seat Co. ("Everlasting," "Ivory," Celluloid Covered), Camden, N. J.

Teahen James M. ("Vitio"), Detroit, Mich.

Thompson Mfg. Co., Holland, Mich.

Van Arnam Mfg. Co. ("Van-Ar-Co," "Samson"), Ft. Wayne, Ind.

Ventilating Closet Seat Co., Wausau, Wis.

Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

### 13264—Seats (Elevator, Folding)

Cook C. A. Co. ("Utility"), Cambridge, Mass.

Faul & Timmins, Buffalo, N. Y.

### 13265—Seats (Folding)

American Auto Top Mfg. Co. (Auxiliary), 1451 Wash blvd, Chicago, Ill.

Brunn & Co., 988 Ellicott, Buffalo, N. Y.

Bryan Novelty Mfg. Co. ("Bryan" Folding Counter), Bryan, O.

Chicago Coach & Carriage Co., 1223 S Michigan av, Chicago, Ill.

Cook C. A. Co. ("Utility" Store Folding), Cambridge, Mass.

Faul & Timmins (Store Folding), Buffalo, N. Y.

Fernald Mfg. Co. ("New I-D," "Buffington," "Peerless," Third Seat for Carriage, etc), North East, Pa.

Hill Mfg. Co. ("Hill" Auxiliary), 23 Fuller, Buffalo, N. Y.

Hodge & Graves Co. ("Luxury"), Amesbury, Mass.

Improved Bit & Snap Co. (Steel Third Buggy Seat), Racine, Wis.

Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.

McKinnon Dash Co., Buffalo, N. Y.

Metal Stamping Co. ("Peerless"), 13th, Long Island City, N. Y.

Racine General Mfg. Co., Racine, Wis.

### 13266—Seats (Motorman's)

Cook C. A. Co. ("Utility"), Cambridge, Mass.

Electric Service Supplies Co. ("Keystone" Adjustable & Collapsible), 17th & Cambria, Phila., Pa.

Hale & Kilburn Co., 1800 Lehigh av, Philadelphia, Pa.

Wood Chas. N. Co., 14 Federal, Boston, Mass.

### 13267—Seats (Pole)

Bissell F. Co. ("Security"), Toledo, O.

Hallett Iron Works ("Hallett" Safety), Harvey, Ill.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Lanz M. & Sons Co. (Cable Pole), 2907 Carson, Pittsburgh, Pa.

Meckel Fred. L., 11 E 13th, Chicago, Ill.

### 13268—Seats (Spindle, Carriage)

Newton W. H. & Son, Cortland, N. Y.

Stephenson Mfg. Co., South Bend, Ind.

### 13269—Seats (Stoop)

Leipzig A. (Willow), 127 W 17th, New York

### Seats (Third)

*See Seats, Folding*

### 13270—Seats (Valve)

Anderson Rubber Works, Anderson, Ind.

Boyd James & Bro. (Rotary for Pumps), 25th & Wharton, Phila., Pa.

National Mfg. & Engineering Co. (For Pump Valves), 1537 Race, Phila., Pa.

Smeeth-Harwood Co. (For Hot Blast Stoves, Tuyeres & Coolers), 2401 W 22d, Chicago, Ill.

Trenton Brass & Machine Co. (For Galvanized Iron Siphons), Trenton, N. J.

### 13271—Secohmeters

Leeds & Northup Co., Stenton av, Gtn, Phila., Pa.

### 13272—Sections (Honey Box)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

Kretchmer Mfg. Co., Council Bluffs, Ia.

### 13273—Seeders (Beet)

American Seeding Machine Co. ("Superior"), Springfield, O.

Bateman Mfg. Co. ("Iron Age"), Greloch, N. J.

Caledonia Bean Harvester Works, Caledonia, N. Y.

Columbia Planter Co., Springfield, O.

Deere & Mansur Co. (Drills), Moline, Ill.

Gale Mfg. Co., Albion, Mich.

McWhorter Mfg. Co., Riverton, N. J.

Moline Plow Co. (Four Row), Moline, Ill.

Parlin & Orendorff Co. ("P. & O."), Canton, Ill.

### 13274—Seeders (End Gate)

Bristol & Gale Co. ("Paragon"), 158 Carroll av, Chicago, Ill.

Chambers, Bering, Quinlan Co., Decatur, Ill.

Foster & Williams Mfg. Co., Racine, Wis.

Freeman Mfg. Co., Dept. O, Racine, Wis.

Johnson & Field Mfg. Co. ("Racine"), Racine, Wis.

Luthy & Co., Peoria, Ill.

Meadows Mfg. Co., Pontiac, Ill.

Monitor Drill Co., St. Louis Park, Minn.

Peoria Drill & Seeder Co. ("Gledale Agitator," "Peoria Agitator"), Peoria, Ill.

Racine Implement Co., Racine, Wis.



**13275—Seeders (Garden)**

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.  
 Bateman Mfg. Co., Grenloch, N. J.  
 Blocki F. Co., Sheboygan, Wis.  
 Columbia Planter Co., Springfield, O.  
 McWhorter Mfg. Co., Riverton, N. J.  
 Standard Garden Tool Co., Montrose, Ia.

**13276—Seeders (Grass)**

Crown Mfg. Co. (Wheelbarrow), Phelps, N. Y.  
 Cyclone Seeder Co., Urbana, Ind.  
**Eureka Mower Co., 16 Hickory, Utica, N. Y.**  
 Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.  
 Rittenhouse J. F. ("Rittenhouse", also Tin Horn Seeders), Liberty Mills, Ind.  
 Seeder Mfg. Co., Homer, Mich.  
 Star Seeder Co., Shortsville, N. Y.  
 Thompson O. E. & Sons (Hand), Ypsilanti, Mich.

**13277—Seeders (Raisin)**

**Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Philadelphia, Pa.**  
 Goodell Co., Antrim, N. H.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Landers, Frary & Clark ("Crown"), New Britain, Conn.

**13278—Seeders & Sowers**

Seeders; also Sowers

Abbott S. B. (Hand Seeders), Goshen, Ind.  
 Allen S. L. & Co. ("Planet, Jr."), Bean, Pea, etc), Denckla bldg, Phila., Pa.  
 American Seeding Machine Co. (Broadcast), Springfield, O.  
 Beaver Dam Mfg. Co. ("Ideal"), Beaver Dam, Wis.  
 Belcher & Taylor Agri. Tool. Co. (Fertilizer "Stevens"), Chicopee Falls, Mass.  
 Blocki F. Co. (Broadcast Seeders), Sheboygan, Wis.  
 Cyclone Seeder Co. ("Cyclone," "Chicago" & Sower), Urbana, Ind.  
 Deere & Mansur Works (Alfalfa), Moline, Ill.  
 Dowagiac Drill Co. (Seeders), Dowagiac, Mich.  
 Emerson-Brantingham Co., Rockford, Ill.  
**Eureka Mower Co., 16 Hickory, Utica, N. Y.**  
 Fetzer & Co. ("Fetzer," "McSherry"), Springfield, Ill.  
 Foster & Williams Mfg. Co., Racine, Wis.  
 Gale Mfg. Co. (Broadcast), Albion, Mich.  
 Goodell Co. (Hand), Antrim, N. H.  
 Hensch & Dromgold Co. (Inc.), York, Pa.  
 Herschel R. Mfg. Co. (Hill & Drill), Peoria, Ill.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)** (Empire Hoosier-Kentucky), (Broadcast Seeder & Fertilizer Sowers), 702 Harvester Building, Chicago

*For branch offices see adv index at end of book*

Janesville Machine Co., Janesville, Wis.  
 Johnson & Field Mfg. Co. (Scandinavian Broadcast), Racine, Wis.  
 Johnston Harvester Co. (Disc Seeder), Batavia, N. Y.  
 King Drill Mfg. Co., Nebraska City, Neb.  
 La Crosse Plow Co. (Also Grass Seeder Attachments), La Crosse, Wis.  
 Luthy & Co. (Also Grass Seeder Attachments), Peoria, Ill.  
 Moline Plow Co. ("Monitor," "Economy," "Flying Dutchman," "Moline Giant"), Moline, Ill.  
 Ohio Rake Co. (Seeders for Disc Harrows), Dayton, O.  
 Owatonna Mfg. Co., Owatonna, Minn.  
 Peoria Drill & Seeder Co. ("Columbia," "Cyclone," "Union, Jr."), Peoria, Ill.  
 Rittenhouse J. F. (Grain Seeders), Liberty Mills, Ind.  
 Seeder Mfg. Co. (Wheelbarrow & Horn), Homer, Mich.  
 Star Seeder Co., Shortsville, N. Y.  
 Sterling Mfg. Co. ("Sterling"), Sterling, Ill.  
 Van Brunt Mfg. Co. (Broad Cast), Hori-con, Wis.  
 Wayne Works, Richmond, Ind.  
 Whitman Agricultural Co. (Broadcast), St. Louis, Mo.

**Segments (Commutator)**

See Bars, Commutator

**13279—Segments (Controller)**

Eureka Co., North East, Pa.

**13280—Selective Calling Systems (Telephone)**

General Railway Signal Co. (For Train Dispatching), Rochester, N. Y.  
**National Scale Co. ("National") 11 Hendricks, Chicopee Falls, Mass.**

**13281—Selenium**

American Smelting & Ref. Co., 120 B'way, New York  
 Dorl F. & Co. (Imp.), 13 Park row, New York  
 Drakenfeld B. F. & Co. (Imp), 50 Murray, New York  
 Roessler & Hasslacher Chemical Co., 100 William, New York

**Self-Closing Work**

See Cocks & Bibbs, Self-Closing

**13282—Self-Feeders & Band Cutters for Threshers**

Aultman & Taylor Machinery Co. ("Parsons"), Mansfield, Ohio  
 Avery Co. ("Avery," "Bartholomew"), Peoria, Ill.  
 Buffalo Pitts Co., Buffalo, N. Y.  
 Case J. I. Threshing Machine Co., Racine, Wis.  
 Emerson-Brantingham Co. ("Geiser Peerless"), Rockford, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Frick Co., Waynesboro, Pa.  
 Garden City Feeder Co., Pella, Ia.  
 Hart Grain Weigher Co., Peoria, Ill.  
 Holt Mfg. Co. ("Chain"), Stockton, Cal.  
 Huber Mfg. Co. ("New Huber"), Marion, O.  
 Jackson-Byron Iron Works (Self Feeder), Berkley, Cal.  
 Maytag Co. ("Parsons," "Ruth," "Hawkeye"), Newton, Ia.  
**Meyer & Co., Throopsville, New York**  
 Minneapolis Threshing Machine Co., 226 N 2d, Minneapolis, Minn.  
 Nichols & Shepard Co. ("N. & S," "Universal"), Battle Creek, Mich.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Rumley M. Co. ("Advance," "Gaar Scott," "Rumley Ruth"), Laporte, Ind.  
 Russell & Co. ("Boss"), Massillon, O.  
 Sandwich Mfg. Co., Sandwich, Ill.  
 Swayne, Robinson & Co., Richmond, Ind.  
 Westinghouse Co., Schenectady, N. Y.  
 Wood Bros. Thresher Co., Des Moines, Ia.

**13283-4—\*Self-Starters**

**CUTLER-HAMMER MFG. CO.** (Alternating and Direct Current), 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

**Self-Starters (Automobile)**

See Engine Starters, Automobile

**13285—Separators (Ammonia)**

Crane Co. (Est. 1855), ("Crane" Ammonia Oil), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Steam Appliance Co. ("Victor"), Milwaukee, Wis.  
**Worthington Pump & Machinery Corp., 115 B'way, New York**

**13286-7—Separators (Asphalt)**

Coldwell-Wilcox Co., Newburgh, N. Y.

**13288—Separators (Barley)**

Barnard & Leas Mfg. Co. (Also Malt), Moline, Ill.  
 Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co. ("Monitor" for Brewers & Maltsters), Silver Creek, N. Y.  
 Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

**13289—Separators (Bean)**

Avery B. F. & Sons, Louisville, Ky.  
 Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 Owens, J. L. Co., Fulton & S E Huron, Minneapolis, Minn.

**13290—Separators (Bow)**

See Also Sockets, Bow

**Auto Specialties Mfg. Co., ("Bair") Joliet, Ill.**  
 Cowles C. & Co., New Haven, Conn.  
 Crandal, Stone & Co. ("Pioneer"), Binghamton, N. Y.  
 Detroit Socket Co. ("Desoco"), Detroit, Mich.  
 Eberhard Mfg. Co., Cleveland, O.  
 Essex Brass Foundry Co., Cambridge, Mass.  
 Iroquois Auto Top Co. ("Stick-Tite"), Utica, N. Y.  
 Jonah & George, Merrimac, Mass.  
 Keeler Brass Co., Grand Rapids, Mich.  
 Murphy G. W. J. Co., Merrimac, Mass.  
 Novelty Mfg. Co., Waterbury, Conn.  
 Scherer H. & Co., Detroit, Mich.  
 Smith Jos. N. & Co., Detroit, Mich.  
 Springfield Auto Top & Upholstering Co. ("Never-Rub"), Springfield, Mass.  
**Unique Findings & Supply Co., 36 Garnet, Providence, R. I.**  
 Weiss Chas. & Son ("American"), 4715 Cottage Grove av, Chicago, Ill.  
**Western Brass Mfg. Works, Marshal blvd & W 21st, Chicago, Ill.**  
 Wiener-Barnet Co., 228 Adams, Newark, N. J.  
 Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

**13291—Separators (Cement, Plaster, Etc.)**

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

**13292—Separators (Centrifugal)**

American Tool & Machine Co. ("Roper" for Separating Oil from Bolts, Nuts & Small Pieces, Metal Chips & Turnings, Belt or Motor Driven), 10 High, Boston, Mass.  
 Curtis Albert B. (For Separating Oil from Steel Chips, etc), Worcester, Mass.  
 National Separator & Machine Co. (Combined Oil Separator & Filter, for Separating Oil from Metal Chips, etc), Concord, N. H.  
**OIL & WASTE SAVING MACHINE CO.,** Real Estate Trust bldg, Phila., Pa.  
**SHARPLES SPECIALTY CO.** ("Super Centrifuge" for Wool Fat, Oils & Water Gas Tar), West Chester, Pa.

**13293—Separators (Coal)**

Anthracite Separator Co. ("Spiral," Automatic in Action), Hazleton, Pa.  
 Dwigs Magnetic Separator Co., 672 Smith, Milwaukee, Wis.

**13294—Separators (Cotton Seed)**

**Bauer Bros. Co., Bauer bldg, Springfield, O.**  
 Diamond Huller Co., Winona, Minn.  
 Empire Duplex Gin Co., 346 Broadway, New York  
 Murray Co., Dallas, Texas  
 New Winona Mfg. Co., Winona, Minn.  
 Sprout, Waldron & Co., Muncy, Pa.

**13295—Separators (Cracked Corn)**

Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 Sprout, Waldron & Co., Muncy, Pa.  
 Wolf Co., Chambersburg, Pa.

**13296—Separators (Cream)**

American Separator Co. (Centrifugal), Bainbridge, N. Y.  
 Anker-Holth Mfg. Co., Port Huron, Mich.  
 Associated Mfrs. Co., Waterloo, Ia.  
 Blanke Mfg. & Supply Co. ("Standard," "Champion"), 3d & Wash. av, St. Louis, Mo.  
 Buckeye Churn Co. ("Primes"), Sidney, O.  
 Buckeye Cream Separator Co., Oberlin, O.  
 Burrell D. H. Co. ("Simplex," Centrifugal, Hand & Power), Little Falls, N. Y.  
 Champion Blower & Forge Co. ("Red Star," "Champion"), Lancaster, Pa.



Chapman C. L. Cream Separator Works, Erie, Pa.  
 Cleveland Cream Separator Co. (Centrifugal), Whitney blk, Cleveland, O.  
 Creamery Package Mfg. Co., 61 W Kinzie, Chicago, Ill.  
 Dairy Cream Separator Co. ("Dairy Queen"), Lebanon, Ind.  
 Davis J. H. Sparta, Wis.  
 Davis Milk Machinery Co. ("Davis" Centrifugal), 10 S La Salle, Chicago, Ill.  
 De Laval Dairy Supply Co., 101 Drumm, San Francisco, Cal.  
 De Laval Separator Co. (Centrifugal), 165 B'way, New York  
 Deshler Mail Box Co. ("Success" Gravity), Deshler, O.  
 Diller Mfg. Co., Bluffton, O.  
 Empire Cream Separator Co. ("Empire"), Bloomfield, N. J.  
 Fisk E. W., Newark, N. Y.  
 Galloway Wm. Co., Waterloo, Ia.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)** (Primrose-Lily; 4 sizes of each), 702 Harvester bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Jones Frank L., Utica, N. Y.  
 King Drill Mfg. Co., Nebraska City, Neb.  
 Lawrence-Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.  
 Lawrence Stamping Co., Toledo, O.  
 Lisk Mfg. Co. (Ltd.), ("Lisk" Anti Rust X X Charcoal Plate), Canandaigua, N. Y.  
 Lisle Mfg. Co. ("Monarch" Hand), Clarinda, Ia.  
 Milwaukee Separator Mfg. Co., ("Milwaukee") 247 Madison, Milwaukee, Wis.  
 Murphy A. F. Die & Machine Co., 364 Atlantic av, Boston, Mass.  
 National Dairy Machine Co. ("National" Centrifugal, etc), Goshen, Ind.  
 National Enameling & Stamping Co. ("National"), 411 5th av, New York  
 Papee Machine Co., Shortsville, N. Y.  
 Reid A. H., Creamery & Dairy Supply Co. ("Reid" & Disc Bracket Hand), 69th & Haverford, Phila., Pa.  
 Reliance Engineering Co. ("Omega" Centrifugal), Lansing, Mich.  
 Renfrew Machinery Co., Ltd. First Nat'l Bk. bldg, Milwaukee, Wis.  
 Rock Island Plow Co. ("Great Western"), Rock Island, Ill.  
 Seither & Cherry Co. ("Banner" Stationary), Keokuk, Ia.  
 Sharples Separator Co. (Tubular), West Chester, Pa.  
 Standard Separator Co. ("Automatic"), 45th & Burnham, Milwaukee, Wis.  
 Starch Bros. Co., La Crosse, Wis.  
 Superior Sheet Metal Works Co. ("Superior"), 3201 Roosevelt av, Indianapolis, Ind.  
 Swedish Separator Co., 515 S 5th av, Chicago, Ill.  
 United Engine Co. ("Diabolo"), Lansing, Mich.  
 Vega Separator Co., Fostoria, O.  
 Vermont Farm Machine Co. ("United States"), Bellows Falls, Vt.  
 Waterloo Gasoline Engine Co. ("Waterloo Boy"), Waterloo, Ia.  
 Wayte W. J. (Imp.), 1 Liberty, New York  
 Weber Kirch Mfg. Co., Keokuk, Ia.  
 Worthington Pump & Machy. Corp. (Oil Engine Driven) 115 B'way, New York

### Separators (Cream Centrifugal)

See Separators, Cream, with the word Centrifugal following their name

### 13297— Separators (Dust)

Banister A. W. Co., 421 Dorchester av, South, Boston, Mass.  
 Buffalo Forge Co., Buffalo, N. Y.  
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Spicer Mfg. Co., New Philadelphia, O.  
 Sterling Blower Co., Hartford, Conn.  
 Wolf Co., Chambersburg, Pa.

### 13298— Separators (Egg)

Aluminum Specialty Co., Manitowoc, Wis.  
 Kohler Die & Specialty Co., De Kalb, Ill.

### 13299—Separators (Electro-Static)

Sutton Steel & Steel ("S. S. & S." Dielectric, for Minerals), Dallas, Texas

### Separators (Flax)

See Flax Seed Cleaning Machines

### 13300— Separators (Garlic)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.  
 Invincible Grain Cleaner Co., Silver Creek, N. Y.

### 13301—Separators (Gas & Oil)

Rollins Supply Co. (Oil, also Detectors), 17 W Kinzie, Chicago, Ill.

### 13302— Separators (Grain)

American Grain Separator Co., Erie & S. E. Essex, Minneapolis, Minn.  
 American Machinery & Construction Co., 103 W. Water, Milwaukee, Wis.  
 Aultman & Taylor Machinery Co. ("New Century"), Mansfield, O.  
 Avery Mfg. Co., Peoria, Ill.  
 Barnard & Leas Mfg. Co. ("Barnard's" Perfected Elevator, etc), Moline, Ill.  
 Closs & Howard Mfg. Co., Webster City, Ia.  
 Conner J. W. & Son ("Overshot," Separator & Cleaner), Orangeville, Pa.  
 Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.  
 Emerson-Brantingham Co. ("New Peerless," "Reeves"), Rockford, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fosston Mfg. Co. ("New Process" "Cycle" Cleaner & Separator), 473 Cleveland, St. Paul, Minn.  
 Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
 Hoosier Mfg. Co., New Castle, Ind.  
 Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co. ("Cranston" & "Monitor," Scouring, Polishing & Separating, etc), Silver Creek, N. Y.  
 Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 Johnson & Field Mfg. Co. ("Racine" Dustless), Racine, Wis.  
 Merkel A. P., Fleetwood, Pa.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Ohio Tractor Mfg. Co., Marion, O.  
 Owens J. L. Co. (Also Flax), Fulton & S E Huron, Minneapolis, Minn.  
 Prairie Queen Mfg. Co., Newton, Kan.  
 Prinz & Rau Mfg. Co. ("Prinz" Automatic), 659 E Water, Milwaukee, Wis.  
 Reeves Pulley Co. (Compound), Columbus, Ind.  
 Richmond Mfg. Co. ("Niagara" Compound Shake Double Receiving, etc), Lockport, N. Y.  
 Rumely M. Co. ("Rumely Ideal," "Advance," "Gear Scott"), La Porte, Ind.  
 Sprout Waldron & Co., Muncy, Pa.  
 Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.  
 Swayne, Robinson & Co., Robinson, Ind.  
 Wolf Co., Chambersburg, Pa.

### 13303-4— Separators (Hop)

Aue Ferdinand Co. ("Muller"), 401 E 91st, New York

### Separators (Iron & Brass)

See Separators, Magnetic

### 13305—Separators (Magnetic)

Barnard & Leas Mfg. Co., Moline, Ill.  
 Barnett Oscar Foundry Co., Irvington, N. J.  
 Birdshoro Steel Foundry & Machine Co. ("Buchanan"), Birdshoro, Pa.  
 Buchanan C. G. Co. ("Buchanan" for Brass, Iron Ore, etc), 90 West, New York  
 Capitol Brass Works ("Noble's" Electro), Detroit, Mich.  
 Cutler-Hammer Clutch Co., 680 Smith, Milwaukee, Wis.  
 Dienelt & Eisenhardt, 1302 N Howard, Phila., Pa.  
 Dings Magnetic Separator Co. ("Dings" Electric), 672 Smith, Milwaukee, Wis.  
 Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co. ("Monitor" Separators & Fields), Silver Creek, N. Y.  
 Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 McCormick J. S. Co., 25th & A. V. R. R., Pittsburgh, Pa.  
 Magnetic Mfg. Co. (For Metals & Ore), Enterprise bldg, Milwaukee, Wis.

## MAGNETIC SEPARATORS FOR ALL REQUIREMENTS MAGNETIC MFG. COMPANY MILWAUKEE, WISC.

Magnetic Separator Co. (For Magnetic Ores), Troy, N. Y.  
 Richmond Mfg. Co. ("Niagara," "Automatic," for Removing Metal from Grain), Lockport, N. Y.  
 Sprout, Waldron & Co. (Automatic), Muncy, Pa.  
 Sutton, Steel & Steel ("S. S. & S." for Separating Magnetic from Non-Magnetic Material), Dallas, Tex.  
 United Iron Works Co. ("Cleveland-Knowles," for Separating Iron Pyrites from Lead & Zinc Ores), Springfield, Mo.  
 Wolf Co., Chambersburg, Pa.

### 13305a— \*Separators (Oil)

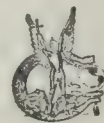
See also Separators, Steam & Oil; also Separators, Centrifugal

## BUNDY OIL SEPARATOR



For separating oil from exhaust steam. Multiple baffle plates insure high efficiency. These plates can be removed and cleaned, assuring maintenance of original efficiency.

THE  
GRISCOM-RUSSELL CO.  
92 West Street New York



### Separators (Oil, from Steel Chips)

See Separators, Centrifugal; also Extractors, Oil & Grease

### 13306— Separators (Ore)

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.  
 Huff Electrostatic Separator Co. ("Huff" Electro Static), 60 India, Boston, Mass.  
 Zinc Concentrating Co., 60 Congress, Boston, Mass.

### 13307— Separators (Pea)

Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 Sprague Canning Machinery Co. ("Scotts" Rotary Interchangeable), 222 N Wabash av, Chicago, Ill.

### 13308— Separators (Peanut)

Cardwell Machine Co. ("Smith"), 1900 E Cary, Richmond, Va.

### 13309—Separators (Pneumatic)

Bauer Bros. Co., Bauer bldg, Springfield, Ohio.

### 13309a—Separators (Receiver)

Harrison Safety Boiler Wks., 3147 N 17th, Philadelphia, Pa.  
*See adv index at end of book*



**13310—Separators (Reclaimed Rubber)**

Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.  
Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

**13311—Separators (Rice)**

Invincible Grain Cleaner Co., Silver Creek, N. Y.  
Rumely M. Co. ("Advance," "Gear Scott" "Tiger," "Rumely Ideal"), La Porte, Ind.

**13312—Separators (Small Seed)**

Nichols & Shepard Co., Battle Creek, Mich.

**STRATTON STEAM SEPARATOR**

A real steam separator.  
Positive separation by centrifugal force.  
Simple in construction;  
no loose parts. Large receiver capacity.



THE  
**GRISCOM-RUSSELL CO.**  
92 West Street New York

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book  
d'Este Julian Co. ("Curtis"), 24 Canal, Boston, Mass.

Direct Separator Co. ("Sweets"), Syracuse, N. Y.

Edward Valve & Mfg. Co. ("Edward" Heavy Forged Steel), 343 S Dearborn, Chicago, Ill.

Elliott Co. (Horizontal & Vertical), Pittsburgh, Pa.

Gardner Governor Co. ("Gardner"), 14 Williamson, Quincy, Ill.

Garrett W. D. & Co. ("Garrett," Exhaust Muffler Oil Separator), 136 Liberty, New York

General Condenser Co., Thompson & 12th, Philadelphia, Pa.

**GRISCOM-RUSSELL CO.** ("Stratton" & "Russell" Live Steam, "Bundy" Exhaust Steam & Oil), 92 West, New York See adv index at end of book

Hardie-Tynes Mfg. Co., Birmingham, Ala.

**HARRISON SAFETY BOILER WORKS** ("The Cochran"), 3147 N 17th, Philadelphia, Pa.

See adv index at end of book  
Hewes & Phillips Iron Works ("Naylor" Vortex Steam), 8 Orange, Newark, N. J.

Hodgart & Co., 122 S Michigan av, Chicago, Ill.

Hoppes Mfg. Co., Springfield, O.

Hussey-McCann & Co. ("Peerless"), 87 Warren, New York

Ide A. L. & Sons ("Ideal"), Springfield, Ill.

Illinois Engineering Co. ("Eclipse"), 5021 S State, Chicago, Ill.

Imperial Iron Works ("Imperial"), Duluth, Minn.

Jacobs Chas. & Co. ("Lowden"), 258 Franklin, Boston, Mass.

Kelley Benj. F. & Son (Oil), 25 Church, New York

**KELLOGG M. W. CO.**, 90 West, New York See adv index at end of book

Kieley & Mueller, 34 W 13th, New York

Koven L. O. & Bro. (Steam), 154 Ogden av, Jersey City, N. J.

**KUTZTOWN FOUNDRY & MACHINE CO.**, (Compound for Steam Boilers), 1421 Chestnut, Philadelphia, Pa.

See adv index at end of book  
Linton Machine Co., 26 Cortlandt, New York

Mitchell W. K. & Co. (Steam), 2940 Ellsworth, Phila., Pa.

Monash-Younger Co. ("Monash" Steam Only), 1407 W Jackson blvd, Chicago, Ill.

Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.

National Pipe Bending Co. ("National"), New Haven, Conn.

Newhall Geo. M. Engineering Co. ("Baum"), Commercial Trust bldg, Philadelphia, Pa.

Nicholson W. H. & Co. ("Wyoming" Steam), Wilkes-Barre, Pa.

Ohio Blower Co. ("Swartwout" Vertical), 5125 Perkins av, Cleveland, O.

**OIL & WASTE SAVING MACHINE CO.** (Oil), Real Estate Trust bldg, Phila., Pa.

Patterson Frank L. & Co. ("Patterson"), 26 Cortlandt, New York

Pipe Colling, Bending & Welding Co., 33 & A. V. R.R., Pittsburgh, Pa.

Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

Power Plant Specialty Co. ("Vater," Two Stage Steam, etc), Monadnock blk, Chicago, Ill.

Providence Steam Trap Co. ("Newton"), 16 Diamond, Providence, R. I.

Robertson Jas. L. & Son ("Hine" Eliminator), 78 Murray, New York

Ruemmel-Dawley Mfg. Co. (Steam Only), 3900 Chouteau av, St. Louis, Mo.

Sharkey & Peck, 2433 W 18th, Chicago, Ill.

Simonds Heating & Specialty Co. ("Simonds" Steam Receiver & Separator, overcomes all Steam Pipe Vibration), Grand Rapids, Mich.

Sims Co. ("Sims"), 18th & Whitley av, Erie, Pa.

Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York

Steam Appliance Co. ("Triumph," "Victor"), Milwaukee, Wis.

Stewart Heater Co. (Separator & Purifier Combined), Buffalo, N. Y.

Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av N W. Cleveland, O.

Watson & McDaniel Co. ("W. & McD." and "Jennings" Horizontal & Vertical Steam), 146 N 7th, Phila., Pa.

Webster, Warren & Co. ("The Webster"), Camden, N. J.

**WHEELER CONDENSER & ENGINEERING CO.** ("Baker" Oil), Carteret, N. J.

See adv index at end of book  
Williams D. T. Valve Co. ("Kookson" Automatic), Cincinnati, O.

Windsor Machine Co., Windsor, Vt.

Williams D. T. Valve Co. ("Kookson" Automatic), Cincinnati, O.

Windsor Machine Co., Windsor, Vt.

**13314—Separators (Stone)**

American Clay Machinery Co., S Walnut, Bucyrus, O.

Brewer H. & Co., Tecumseh, Mich.

Great Western Mfg. Co. (For Separating Stone & Gravel from Wheat), Leavenworth, Kan.

Sturtevant Mill Co. ("Newaygo"), Clayton & Park, Dorchester, Boston, Mass.

Wallace Mfg. Co., Frankfort, Ind.

**13315—Separators (Vacuum Oil)**

Austin Separator Co., 97 Woodbridge W, Detroit, Mich.

**Separators (Waste Oil)**

See Separators, Centrifugal

**13316—Separators (Water, for Reclaimed Rubber)**

American Process Co., 68 William, New York

**Separators (Water Gas Tar)**

See Separators, Centrifugal

**13313—Separators (Steam & Oil)**

See also Extractors, Oil & Grease  
Acton John ("Nelson"), 118 John, Brooklyn, N. Y.

Allentown Experimental Work (Steam), Allentown, Pa.

Ambrose Machine Co. ("De Rycke"), Eagle & Provost, Brooklyn, N. Y.

American District Steam Co. (Oil & Water), North Tonawanda, N. Y.

**ANDERSON V. D. CO.** ("Anderson"), W 96th, Cleveland, O.

See adv index at end of book  
Atwood & Morrill ("XX Century"), 48 Loring av, Salem, Mass.

Austin Separator Co. ("Austin" Oil) 97 Woodbridge W, Detroit, Mich.

Baragwanath Wm. & Son, 1260 W Division, Chicago, Ill.

Central Station Steam Co., 710 Woodbridge Detroit, Mich.

Consolidated Engineering Co. ("Van Auker"), 507 W Jackson blvd, Chicago, Ill.

# ANDERSON

## SPECIALTIES

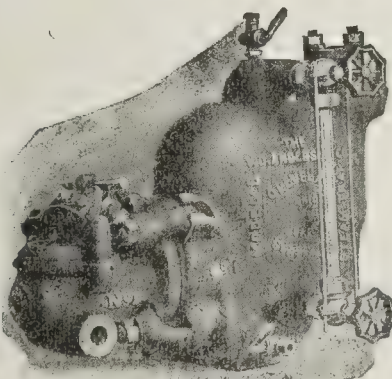
AIR and STEAM TRAPS  
STEAM and OIL SEPARATORS  
WATER COLUMNS OIL FILTERS

Write for further information about any of Our Products

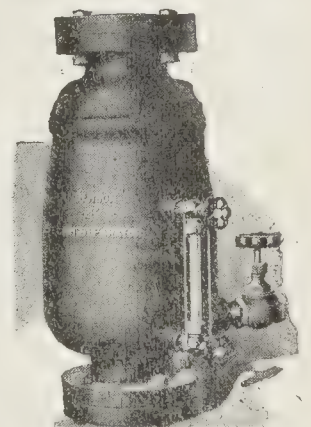
**AGENTS**

431 So Dearborn Street, Chicago, Ill. 212 Union Trust Bldg., Baltimore. Md.  
3 Arch Street Philadelphia, Pa. 85 High Street Boston, Mass.

**The V. D. ANDERSON COMPANY**  
West 96th Street CLEVELAND, OHIO



Steam Trap



Steam Separator



**13317—Separators (Wheat)**

Blymyer Iron Works Co., Cincinnati, O.  
Invincible Grain Cleaner Co., Silver Creek,  
N. Y.  
Union Iron Works, Decatur, Ill.  
Wolf Co., Chambersburg, Pa.

**13317a—Separators (Whey)**

Sharples Separator Co., West Chester, Pa.

**13318—Separators (Wild Oat)**

Ghent Mfg. Co., Ghent, Minn.  
Invincible Grain Cleaner Co., Silver Creek,  
N. Y.  
Klauer Mfg. Co., Dubuque, Ia.

**Separators (Wool Fat)**

See Separators, Centrifugal

**13319—Separators & Filters Combined (Oil)**

National Separator & Machine Co., Con-  
cord, N. H.

**13319a—Sets (Desk)**

Art Metal Wks., Newark, N. J.  
Brass Specialty Co., 1645 No. 10th, Phila-  
delphia, Pa.  
Soart W. H. Co., Attleboro, Mass.  
Yale Novelty Co. (French Ivory), Leom-  
inster, Mass.

**13320-1—Sets (Lock)**

Sargent & Co. ("Union"), New Haven,  
Conn.  
Taylor & Boggis Foundry Co., (Bathroom)  
Cleveland, O.

**Sets (Manicure)**

See Manicure Sets

**Sets (Nail, Rivet, Saw, Etc.)**

These Specialties are Classified Under  
Their Descriptive Kinds

**13322—Sets (Poker)**

Bubeck & Guerin, 161 W 18th, New York  
Harris G. H. Co., 61 Clymer, Brooklyn,  
New York

**13323—\*Sets (Sheep)**

STILES H. A. & CO., 93-97 Oliver, Boston,  
Mass. *See adv index at end of book*

**Settees, Chairs, Etc. (Veneered)**

See Seating, Veneer

**13324—Settees (Gliding)**

Goshen Mfg. Co. ("Boyers"), Goshen, Ind.  
Steinfeld Bros., 116 W 32d, New York

**13325—Settees (Perforated Slat)**

Beckley Perforating Co. (Iron Frame),  
Garwood, N. J.

**13326—Settees (Railroad)**

See also Seating, Veneer

Ahnapee Veneer & Seating Co., Algoma,  
Wis.  
American Seating Co., 14 E Jackson Blvd,  
Chicago, Ill.  
Frost's Veneer Seating Co., (Ltd.) She-  
boygan, Wis.

**Settees (Rustic)**

See Rustic Woodwork

**13327—Settees & Chairs (Iron)**

See also Fountains, Vases, etc

Badger Wire & Iron Works, 687 Muskego  
av, Milwaukee, Wis.  
Barbee Wire & Iron Works, 170 N Dear-  
born, Chicago, Ill.  
Barnum E. T. Wire & Iron Works, 864  
Woodward, Detroit, Mich.  
Bayley Wm. Co., Springfield, O.  
Belmont Iron Works, 22d & Washington,  
Phila., Pa.

Brown H. L. Fence & Mfg. Co., Oakley,  
Cincinnati, O.

Camden Iron Works, Salem, Va.

Casey-Hedges Co. (Cast Iron Settees),  
Chattanooga, Tenn.

Champion Iron Co., Kenton, O.

Cincinnati Iron Fence Co. (Also Wire),  
Cincinnati, O.

Enterprise Iron Works, Indianapolis, Ind.

Fiske J. W. Iron Works, 80 Park pl, New  
York

Gerdes & Co. (Iron & Steel), 42 Church,  
New York *See adv index at end of book*

Ginther's J. Sons Co., Buffalo, N. Y.

Grafton Foundry Co., Grafton, Wis.

Hennecke C. Co., 1353 N Pierce, Milwau-  
kee, Wis.

Huntington Iron Works, Huntington, W.  
Va.

Jones M. D. Co., 73 Portland, Boston,  
Mass.

Jones Willis H., Utica, N. Y.

Kramer Brothers Foundry Co. ("Capital")  
Dayton, O.

Lindenschmidt Co., Evansville, Ind.

Ludlow-Saylor Wire Co., Newstead av cor  
Wabash R. R. St. Louis, Mo.

McDonald Foundry (Cast Iron), Columbus,  
O.

McLean Jno., 440 Water, New York

Mack Iron & Wire Works Co., Sandusky,  
O.

Meyers Fred. J. Mfg. Co., Hamilton, O.

*See adv index at end of book*

Morris Iron & Steel Co. (Cast Iron), Fred-  
erick, Md.

Mott J. L. Iron Works, 118 5th av, New  
York

Oak Hill Marble Works, Birmingham, Ala.

Pettler Steel Mat & Mfg. Co., Beaver Falls,  
Pa.

Plocher Andrew Sons Co., Dayton, O.

Smith F. P. Wire & Iron Works, Lake &  
Dearborn, Chicago, Ill.

*See adv index at end of book*

Smyser, Royer Co., York, Pa.

Swett A. L. Iron Works, Medina, N. Y.

Taylor & Dean, Penn av & 25th, Pitts-  
burgh, Pa.

Toy W. M. & Co., 10 E Shelby, Sidney, O.

Van Dorn Iron Works Co., 2700 E 79th,  
Cleveland, O.

Vulcan Co., 11 Raynor, Detroit, Mich.

Western Implement Co., Port Washing-  
ton, Wis.

Wisconsin Iron & Wire Works, Milwaukee,  
Wis.

**13328—Settees & Chairs (Lawn)**

Adams Company ("Iron Fence"), Du-  
buque, Ia.

Badger Wire & Iron Works (Iron), 687  
Muskego av, Milwaukee, Wis.

Barnum E. T. Wire & Iron Works,  
864 Woodward, Detroit, Mich.

Belcher & Taylor Agri. Tool Co., Chicopee  
Falls, Mass.

Bernstein Mfg. Co., 3rd & Westmoreland,  
Phila., Pa.

Buffalo Wire Works Co. (Wire Settees)  
453 Terrace, Buffalo, N. Y.

*See adv index at end of book*

Carriage & Toy Co. (Wood), 741 W Lom-  
bard, Baltimore, Md.

Challenge Co. (Steel & Wood), Batavia,  
Ill.

Combination Ladder Co., 366 Fountain,  
Providence, R. I.

Donaldson Bros., Mount Clemens, Mich.

Duisdieker Foundry & Mfg. Co. (Cast  
Iron), Pekin, Ill.

Farquhar A. B. Co. (Ltd.), York, Pa.

Fletcher Furniture Co., Nashua, N. H.

Ford & Johnson Co. (Oak Slats Bolted to  
Castings), 1435 Wabash av, Chicago,  
Ill.

Gold Medal Camp Furniture Mfg. Co.,  
(Folding), Racine, Wis.

Grote F. Mfg. Co., Evansville, Ind.

Kalamazoo Sled Co. (Bent Wood, Folding  
& Swinging), Kalamazoo, Mich.

Lattimer W. H. & Sons (Wooden), Orwell,  
N. Y.

McLean Jno., 440 Water, New York

Meyers Fred. J. Mfg. Co., Hamilton, O.

*See adv index at end of book*

Mitchell Robt. Furniture Co., 616 Race,  
Cincinnati, O.

Mott J. L. Iron Works (Wood, Iron  
Frame), 118 5th av, New York

Moulton C. W. H. Co., Somerville, Mass.

North Shore Ferneries Co., Beverly, Mass.

Oak Hill Marble Works, Birmingham, Ala.

Ohio Rake Co., Dayton, O.

Readsboro Chair Co., Readsboro, Vt.

Sheboygan Chair Co., Sheboygan, Wis.

Smith John P. Co. (Wire), New Haven,  
Conn.

Southern Wire & Iron Works, Atlanta, Ga.

Steinfeld Bros. (Hardwood Folding &  
Bent Wood Settees & Chairs), 116 W  
32d, New York

Stewart Iron Works Co. (Settees), Cov-  
ington, Ky.

Western Implement Co., Port Washing-  
ton, Wis.

Whitehurst R. W. Mfg. Corp. (Lawn Set-  
tees), Norfolk, Va.

**13329—Setters (Axle)**

Noyes B. B. & Co. ("Little Giant," Setter  
Straightener), Greenfield, Mass.

**13330—Setters (Skein)**

Williams, White & Co., Moline, Ill.

**13331—Setters (Stud)**

Errington F. A. (Opening), 39 Cortlandt,  
New York

**13332—Setters (Tire)**

See Upsetters, Tire; also Upsetting &  
Forging Machines

Brooks Machine Co. ("Brooks" Cold),  
Wichita, Kan.

House Cold Tire Setter Co. ("House" Cold  
Hydraulic), 4143 Laclede av, St.  
Louis, Mo.

Houston Car Wheel & Machine Co., Hous-  
ton, Tex.

Ideal Tire Setter Co., McGehee, Ark.

Keokuk Hydraulic Tire Setter Co. ("Little  
Giant"), Keokuk, Ia.

Lourie Mfg. Co. ("Hercules," "Scientific,"  
"Perfection" Hydraulic), Springfield,  
Ill.

Noyes B. B. & Co. (Tire & Axle), Green-  
field, Mass.

Pay Chas. & Co., 307 S Water, Providence,  
R. I.

Potts D. H. Co. ("Sun"), Lancaster, Pa.

West Tire Setter Co. ("West" Hydraulic),  
Rochester, N. Y.

**13333—\*Settlers (Ore)**

ALLIS-CHALMERS MFG. CO., Milwaukee,  
Wis. *See adv index at end of book*

**13334—Sewage Disposal Outfits**

Edson Mfg. Co. ("Edson" Odorless), 257  
Atlantic av, Boston, Mass.

Merritt Hydraulics Co. ("Merritt"), 110  
N Broad, Phila., Pa.

Noble Henry A. Co. ("National" & "The  
Improved" Odorless), 203 Dock, Phila.,  
Pa.

**13335—Sewage Disposal Plants**

Andrews Heating Co. ("Andrews" Septic),  
Minneapolis, Minn.

Ansonia Mfg. Co. (Automatic Ejectors &  
Controls), 584 Hudson, New York.

Archer Geo. F. (Bacterial Sewage Sys-  
tems), 10 E 43d, New York

Bacterial Sewage Purification Co., 2 Wall,  
New York

Bonnot Co., Canton, O.

Central Foundry Co. (Pipe & Specials for),  
90 West, New York

City Wastes Disposal Co., 45 7th av, New  
York

Dail Steel Products Co., Lansing, Mich.

Economy Pumping Machinery Co., 118 N  
Carpenter, Chicago, Ill.

Hammond Engineering Co. (Rotary Va-  
cuum Dryers and Inverted Filters),  
Warren, Pa.

Kewanee Private Utilities Co., West Side,  
Kewanee, Ill.

Merritt Hydraulics Co. ("Merritt," "Priest-  
man-Beddoes"), 110 N Broad, Phila.,  
Pa.

Modern Iron Works ("Rhodes-Williams"  
Raw Sewage Syphon), Quincy, Ill.

New York Sewage Disposal Co., 37 E 28th,  
New York

Pacific Flush Tank Co. (Automatic Air  
Lock & Syphonic Apparatus), 4241  
Ravenswood av, Chicago, Ill.

Priestman Albert ("Merritt," "Priestman-  
Beddoes"), 328 Chestnut, Philadelphia,  
Pa.



Russell Sewage Disposal Co., 175 W Jackson blvd, Chicago, Ill.  
 Waring, Chapman & Farquhar ("Waring" System), 874 B'way, New York  
 Yeomans Bros. Co. ("Yeomans" System), 231 Institute pl, Chicago, Ill.

### 13336—Sewage Ejectors

Ansonia Mfg. Co. ("Cooney," "Ansonia" Automatic), 584 Hudson, New York  
 Blaisdell Machinery Co. ("Blaisdell," Automatic), Bradford, Pa.  
 Chicago Pump Co. ("Duplex" Electric), 906 W Lake, Chicago, Ill.  
 Economy Pumping Machinery Co. (Pneumatic), 116 N Carpenter, Chicago, Ill.  
 I. X. L. Pump & Mfg. Co. ("I. X. L."), 957 N 9th, Phila., Pa.  
 Jenkins Mfg. Co. ("Jenkins"), 20 Vesey, New York  
 Merritt Hydraulics Co. ("Priestman" Pneumatic, Electric), 110 N Broad, Phila., Pa.  
 Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.  
 Priestman Albert ("Priestman"), 328 Chestnut, Phila., Pa.  
 Shone Co. ("Shone"), 231 Institute pl, Chicago, Ill.  
 Tranter Mfg. Co. (Steam), 105 Water, Pittsburgh, Pa.  
 Walworth Mfg. Co., Boston, Mass.  
 Wieben John Co. (Automatic), 2051 Lex av, New York  
 Yeoman Bros. Co. (Duplex Electric), 231 Institute pl, Chicago, Ill.

### Sewer Builders

See Contractors, Building & General

### 13337—Sewer Couplings & Connections

Canton Cement Specialty Co., Canton, O.

### 13338—Sewer Manhole Steps

Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.  
 Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Co-operative Foundry Co., 207 Junction av, Detroit, Mich.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
 Maher & Flockhart, 76 Polk, Newark, N. J.

### Sewer Siphons

See Tanks, Flush

### 13339—Sewing Machine Attachments

Greist Mfg. Co., New Haven, Conn.  
 Parsons Mfg. Co., 411 S Clinton, Chicago, Ill.

### 13340—Sewing Machine Parts & Supplies

Hancock Mfg. Co. (Parts to Specifications), Charlotte, Mich.  
 Sewing Machine Supplies Co., 121 Beach, Boston, Mass.  
 Smallbone Mfg. Co., 1821 Berteau, Chicago, Ill.

### 13341—Sewing Machine Woodwork

Kundtz Theodor Co., Elm & Winslow av, Cleveland, O.

### 13342—Sextants

Keuffel & Esser, Hoboken, N. J.  
 Rupp Michael & Co. (Imported), 112 Broad, New York

### 13343—Shackles (Anchor)

Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
 Marine Hardware-Equipment Co. ("Acme" & "Wheco"), South Portland, Me.  
**MERRILL BROS.**, 3 Arnold, Maspeth (Borough of Queens), New York  
*See adv index at end of book*  
 Weimer Chain & Iron Co. (Screw, etc), Lebanon, Pa.

### 13344—Shackles (Chain)

Channon Jas. H. Mfg. Co. (Also Anchor Shackles), 227 W Erie, Chicago, Ill.  
 Fletcher & Crowell Co., Portland, Me.  
 Gerdes & Co., 42 Church, New York  
*See adv index at end of book*

Hayden-Corbett Chain Co., Columbus, O.  
*See adv index at end of book*

Laughlin Thos Co. (Anchor), Portland, Me.

McKay Jas. Co., Pittsburgh, Pa.  
 McMillan's W. H. Sons, 153 South, New York

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

Marine Hardware-Equipment Co. ("Acme" & Mheco), South Portland, Me.

**MERRILL BROS.**, 3 Arnold, Maspeth (Borough of Queens), New York  
*See adv index at end of book*

Oshkosh Mfg. Co. (Steel), Oshkosh, Wis.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Weimer Chain & Iron Co. (Screw, etc), Lebanon, Pa.

Wilcox Crittenden & Co. (Anchor, Screw & Pin, etc), Middletown, Conn.

### 13345—Shade Cloth Mfrs.

Bailey & Weston, 81 Washington N, Boston, Mass.  
 Bancroft Jos. & Sons Co. (Holland "Sun Fast"), Rockford, Wilmington, Del.  
 Breneman Chas. W. & Co. ("Brenlin," "Camargo," "Myama"), 2045 Reading rd, Cincinnati, O.  
 California Shade Cloth Co., 2181 Bryant, San Francisco, Cal.  
 Cannon Mfg. Co., Concord, N. C.  
 Chace Mills, Fall River, Mass.  
 Columbia Shade Cloth Co. ("Crescent," "Damasko," "Star," "Arrow"), 225 5th av, New York  
 Columbia Western Mills, Peoria & W 121st, Chicago, Ill.  
 Covington Mills, Covington, Ga.  
 Dunson Mills, La Grange, Ga.  
 Hauser Shade Cloth Co. ("North Star"), Chicago Heights, Ill.  
 Interlaken Mills, Turks Head bldg, Providence, R. I.  
 Lonsdale Co., 50 S Main, Providence, R. I.  
 McLean Andrew Co., Passaic, N. J.  
 Monaghan Mills, Greenville, S. C.  
 Oswego Shade Cloth Co. (Chouaguen"), Oswego, N. Y.  
 Pacific Shade Cloth Co., Oakland, Cal.  
 Quidnick-Windham Mfg. Co., Willimantic, Conn.  
 Tremont & Suffolk Mills, Lowell, Mass.  
 Wemple Jay C. Co. ("Empire"), 35 E 20th, New York  
 Western Shade Cloth Co. ("Victor," "Luxor," "Cambro"), 2100 S Jefferson, Chicago, Ill.  
 Woodruff Cotton Mills, Woodruff, S. C.

### 13346—Shade Cord Mfrs.

Samson Cordage Works, 88 Broad, Boston, Mass.  
 Turner & Stanton Co., Norwich, Conn.

### 13347—Shades (Aluminum)

Dale Lighting Fixture Co., 107 W 13th, New York  
 Farles Mfg. Co., Decatur, Ill.  
 National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.

### Shades (Car)

See Car Curtains & Materials

### 13348—Shades (Celluloid)

Utility Shade Co., Tenafly, N. J.

### 13349—Shades (Glass, Pressed or Blown)

Gillinder & Sons, State & Devereaux, Philadelphia, Pa.  
 Gleason-Tiebout Glass Co., 99 Commercial, Brooklyn, N. Y.  
 Imperial Glass Co., Bellaire, O.

### 13350—Shades (Glass & Metal)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
 Salo Art Metal Co. (For Gas & Electric Portables), Binghamton, N. Y.  
 Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.  
 Western Art Glass Shade Wks. (Glass), 105 Turk, San Francisco, Cal.

### 13351—Shades (Leaded Glass, Mosaic, Etc.)

Amboy Works, Perth Amboy, N. J.  
 Art Shade Co., 224 N Desplaines, Chicago, Ill.  
 Bent Glass Novelty Co., 22 Wooster, New York  
 Gudeman & Co., 19 W 36th, New York  
 Imperial Art Glass & Lamp Works, 205 W 19th, New York  
 Lynch Geo. C. Co., 236 5th av, New York  
 Mosaic Shade Co., 415 W Superior, Chicago, Ill.  
 Mutual Lamp Mfg. Co., 21 E Houston, New York  
 Novelty Art Glass Co., 415 Federal, Pittsburgh, Pa.  
 Rainaud H. E. Co., Meriden, Conn.  
 Royal Art Glass Co., 243 Canal, New York  
 Standard Art Glass Co., 237 Lafayette, New York  
 Stavenhagen W. H. Co., 447 W 26th, New York  
 Unique Art Glass & Metal Co. ("Imperial"), 105 Vanderveer, Brooklyn, N. Y.

### 13352—Shades (Mirror Lined)

Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.

### 13353—Shades (Paper)

Bloch L. D. & Co., 157 5th av, New York  
 Franke George Sons Co. (Lamp), 112 So Eutaw, Baltimore, Md.  
 Mayer Willy & Co., 41 Union sq, New York  
 Utility Shade Co., Tenafly, N. J.  
 Whaley J. A. & Co., 154 W 14th, New York  
 Will & Baumer Co., 139 Madison av, New York

### 13354—Shades (Porch)

Aeroshade Co. ("Aerolux"), Waukesha, Wis.  
 Comey R. H. Co. ("Komi" Porch Curtains), Camden, N. J.  
 Gary Theo. H. Co. (Imp.), 67 Irving pl, New York  
 Hough Shade Corporation ("Vudor"), Janesville, Wis.  
 Leipzig A. (Bamboo, etc), 127 W 17th, New York

### 13355—Shades (Silk)

Dale Lighting Fixture Co., 107 W 13th, New York  
 Gudeman & Co. (Silk & Cretonne Shades & Domes), 19 W 36th, New York  
 Lynch Geo. C. Co., 236 5th av, New York  
 Straus-Hohenstein Co., 132 W 21st, New York  
 Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.  
 Utility Shade Co. (Also Linen), Tenafly, N. J.  
 Waldo Co., 45 E 20th, New York  
 Whaley J. A. & Co., 154 W 14th, New York  
 Will & Baumer Co., 139 Madison av, New York

### 13356—Shades (Trolley Vestibule)

Electric Service Supplies Co., 17th & Cambria, Phila., Pa.

### 13357—Shades & Reflectors (Glass or Porcelain)

Art Glass Mfg. Co., 128 Mott, New York  
 Cleveland Window Glass & Door Co., 209 Champlain av, N W, Cleveland, O.  
 Consolidated Lamp & Glass Co. ("Cora," "Aurora," "Pastelle," "Rosadore"), Coraopolis, Pa.  
 Corning Glass Works (Prismatic, Spherical & Parabolic Reflectors), Corning, N. Y.  
 Dayton Art Glass Works (Art Glass), Dayton, O.  
 Gill Bros. Co. ("Parian"), Steubenville, O.  
 Gill & Co. (Washington Flint Glass Works), E York & Thompson, Phila., Pa.  
 Gillinder & Sons ("Melibite"), State & Devereaux, Philadelphia, Pa.  
 Gleason-Tiebout Glass Co. (Glass Globes), 99 Commercial, Brooklyn, N. Y.  
 Haskins Glass Co., Martins Ferry, O.  
 Imperial Glass Co., Bellaire, O.



Jefferson Glass Co. ("Luceo" Glass), Follansbee, W. Va.  
 Kirchberger M. & Co. (Imp.), 116 E 27th, New York  
 Macbeth-Evans Glass Co. ("Alba"), Wash-bash bldg, Pittsburgh, Pa.  
 National X-Ray Reflector Co., 235 Jackson blvd, Chicago, Ill.  
 Neuhauser D. L. (Glass Shades Only), 326 W Grand av, Chicago, Ill.  
 Opalux Co. ("Opalux" Glass), 71 W 23rd, New York  
 Pairpoint Corp'n, New Bedford, Mass.  
 Phoenix Glass Co. ("Electric & Gas"), 2d Nat'l Bank bldg, Pittsburgh, Pa.  
 Star Glass Co. (Glass), Star City, W. Va.  
 Straight Filament Lamp Co., 42 E 23d, New York  
 Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.  
 Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.  
 Whaley J. A. & Co., 154 W 14th, New York

### 13358—Shades & Reflectors (Metallic)

Adams-Bagnall Electric Co. (For Mfg. Plants), Cleveland, O.  
 American Reflector & Lighting Co. ("Paragon"), 517 W Jackson blvd, Chicago, Ill.  
 Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
 Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.  
**BENJAMIN ELECTRIC MFG. CO.**, 128 S Sangamon, Chicago, Ill.  
 Boesch Lamp Co., 962 Mission, San Francisco, Cal.  
 Chandee H. P. Sons Co. (Small Tin), 114 W Lombard, Baltimore, Md.  
 Chicago Lamp & Fixture Co., 616 W Monroe, Chicago, Ill.  
 Curtis-Leger Fixture Co. ("Scoop," "Helmet," "Bee Hive," "Poke Bonnet," Window Reflector), 235 W Jackson blvd, Chicago, Ill.  
 Cutter George Co., South Bend, Ind.  
 Dale Lighting Fixture Co., 107 W 13th, New York  
 Dunlap John Co., Gregg, Pittsburgh, Pa.  
 Enamel Products Co., Cleveland, Ohio  
 Faries Mfg. Co., Decatur, Ill.  
 Federal Sign System, Lake & Desplaines, Chicago, Ill.  
 Frink I. P., 24th & 10th av, New York  
 Gleason E. P. Mfg. Co., 37 Murray, New York  
 Goldstein Jos. (Est. of), 323 Pearl, New York  
 Harter Mfg. Co., 522 S Clinton, Chicago, Ill.  
 Herwig Art Shade & Lamp Co., 2140 N Halsted, Chicago, Ill.  
*See adv index at end of book*  
 Hubbell Harvey, Bridgeport, Conn.  
 Klemm & Co., 132 N 5th, Phila., Pa.  
 McLeod, Ward & Co., 27 Thames, New York  
 National Metal Stamping & Mfg. Co. ("Marten," "Tidman"), 494 Mulberry, Newark, N. J.  
 Nelite Works, Cleveland, O.  
 Ostrander W. R. & Co., 371 B'way, New York  
 Overbagh & Ayres Mfg. Co. ("Omaco" Show Case Reflectors), 411 S Clinton, Chicago, Ill.  
 P. R. Mfg. Co. ("Hartwig"), Detroit, Mich.  
 Peerless Light Co., 174 W Randolph, Chicago, Ill.  
 Phila., Electrical & Mfg. Co., 1236 N 31st, Phila., Pa.  
 Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.  
 Plume & Atwood Mfg. Co. ("Plumwood"), Waterbury, Conn.  
 Royal Enameling Mfg. Co., Des Plaines, Ill.  
 Troy Stamping Works, Troy, N. Y.  
 Vogel W. & Bros., 37 S 9th, Brooklyn, N. Y.  
 Warshavsky & Cohen, 187 B'way, Brooklyn, N. Y.  
 Western Reflector Co., 1053 W Lake, Chicago, Ill.  
 Wheeler Reflector Co. ("Para-Steel" "Wheeler"), 156 Pearl, Boston, Mass.  
 Wood C. D. Electric Co. ("Prima" Enam. Steel Imp), 441 B'way, New York

### 13359—Shades & Reflectors (Mirror)

American Reflector & Lighting Co. ("Paragon"), 517 W Jackson blvd, Chicago, Ill.  
 Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
 Frink I. P., 10th av & 24th, New York  
 Klemm & Co. ("Diamond"), 132 N 5th, Phila., Pa.  
 National X-Ray Reflector Co. ("Scoop"), 233 W Jackson blvd, Chicago, Ill.  
 Overbagh & Ayres Mfg. Co. ("Omaco"), 411 S Clinton, Chicago, Ill.  
 Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.  
 Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.  
 Western Reflector Co., 1053 W Lake, Chicago, Ill.  
 Wheeler Reflector Co. ("Wheeler"), 156 Pearl, Boston, Mass.

### 13360—Shafting (Cold Drawn Steel)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 American Tool & Machine Co., 10 High Boston, Mass.  
 Caldwell H. W. & Son Co., Western av & 17th, Chicago, Ill.  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Columbia Steel & Shafting Co., Pittsburgh, Pa.  
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio  
 Frasse Peter A. & Co., Inc., 417 Canal, New York, Works: Hartford, Conn.  
*See adv index at end of book*  
 Jones & Laughlin Steel Co. (Also Cold Rolled), Ross, Pittsburgh, Pa.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Pardee C. Works, Perth Amboy, N. J.  
 Pennsylvania Shafting Co., Spring City, Pa.  
 Republic Iron & Steel Co., Youngstown, O.  
 Rock Products Equipment Corp., 42 Church, New York  
*See adv index at end of book*  
**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*  
 Union Drawn Steel Co., Beaver Falls, Pa.  
 Walker Mfg. Co. ("Walker" Cold Rolled), Denver, Colo.

### 13361—Shafting Collars

American Bridge Co., 30 Church, New York  
 American Tool & Machine Co., 10 High, Boston, Mass.  
**BOND FOUNDRY & MACHINE CO.**, Mannheim, Pa.  
 Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
 Chain Belt Co., Milwaukee, Wis.  
 Cresson-Morris Co., Allegheney & 18th, Philadelphia, Pa.  
 Dodge Sales & Engineering Co., Mishawaka, Ind.  
 Erie Forge Co., Erie, Pa.  
 Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*  
 Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio  
 Great Western Mfg. Co., Leavenworth, Kans.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 Huntsville Foundry & Machine Co. (Nolan & Jones, Props.), Huntsville, Ala.  
 Jones & Laughlin Steel Co. (Steel, Loose etc), Ross, Pittsburgh, Pa.  
 Keystone Drop Forge Works (Drop Forged, Blanks, etc), Chester, Pa.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Medart Patent Pulley Co. (Plain or Safety Type), 3500 De Kalb, St. Louis, Mo.  
 Middletown Machine Co., Middletown, O.  
 Nurdyke & Marmon Co., 1296 Kentucky av, Indianapolis, Ind.

Patterson, Gottfried & Hunter ("Johnson" Safety, Solid & Split, Agents), 211 Centre, New York  
 Plamondon A. Mfg. Co., 12 N Clinton, Chicago, Ill.  
 Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.  
 Rhode Island Tool Co. (Cold Punched), Providence, R. I.  
 Royersford Foundry & Machine Co. (Solid & Split), Royersford, Pa.  
 Standard Pressed Steel Co. ("Hallowell," Cold Rolled Steel), 20th & Clearfield, Phila., Pa.  
 Valley Iron Works (Cast Iron), Williamsport, Pa.  
 Walker Mfg. Co., Denver, Colo.  
 Webster Mfg. Co., Tiffin, Ohio  
 Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.  
 Wolf Co. (Safety Set, etc), Chambersburg, Pa.  
 Wood's T. B. Sons Co. (Safety Set), Chambersburg, Pa.

### 13362—Shafting (Heavy Forged Steel)

Bethlehem Steel Co. (Solid or Hollow), South Bethlehem, Pa.  
 Boston Forge Co., E Boston, Mass.  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
**JOHNSTON & JENNINGS CO.**, Addison rd & N. Y. C. R. R., Cleveland, O.  
*See adv index at end of book*  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
 Philadelphia Steel & Forge Co., 50 Church, New York  
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.  
 Reading Iron Co., Reading, Pa.  
 Sizer Forge Co., 238 Larkin, Buffalo, N. Y.  
 Standard Forgings Co., 80 E Jackson blvd, Chicago, Ill.  
 Tioga Steel & Iron Co., Phila., Pa.  
 Titusville Forge Co., Titusville, Pa.  
 Wharton Wm. Jr. & Co. Inc., Easton, Pa.

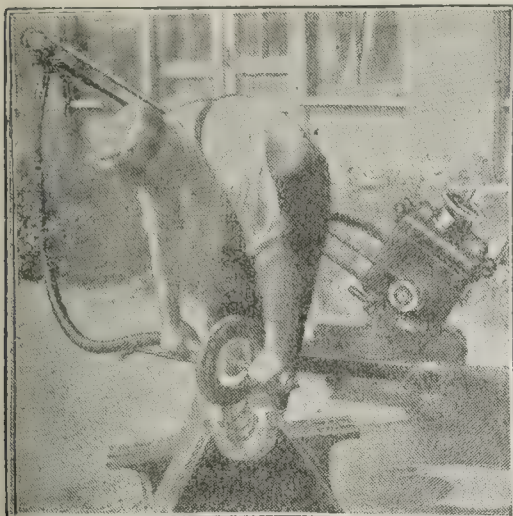
### 13363—Shafting (Hollow Seamless Steel)

National Tube Co. ("SHELBY"), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

### 13364—Shafting (Iron & Steel)

The Firms under this heading all Roll Shafting  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Portables) Binghamton, N. Y.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Braeburn Steel Co. (Steel Only), Braeburn, Pa.  
 Cambria Steel Co. (Steel Only), Widener bldg, Phila., Pa.  
 Cumberland Steel Co. (Turned & Ground Steel), Cumberland, Md.  
 Erie Forge Co. (Steel), Erie, Pa.  
 Illinois Steel Co. (Steel Only), 208 S La Salle, Chicago, Ill.  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
 Judson Mfg. Co. (Iron), 819 Folsom, San Francisco, Cal.  
 Nurdyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Reading Iron Co., Reading, Pa.  
 Titusville Forge Co., Titusville, Pa.  
**WARD'S EDGAR T. SONS**, 44-54 Farnsworth, Boston, Mass.  
*See adv index at end of book*





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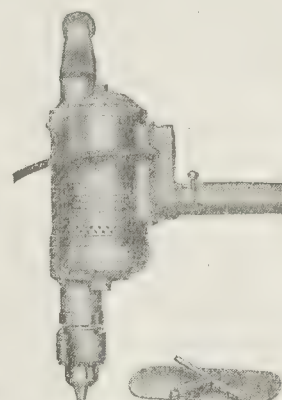
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Inventors and Largest Manufacturers in  
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Motor Driven Tools  
Drills—Grinders—Buffers

**Oldest Portable Tool Manufacturers in America**

BULLETINS ON REQUEST



Drills All Sizes

## 13365—Shafting (Polished Steel)

**AMERICAN STEEL & WIRE CO.**, 208 E La Salle, Chicago, Ill.

*See adv index at end of book*

**American Tool & Machine Co.**, 10 High, Boston, Mass.

**Bethlehem Steel Co.**, So. Bethlehem, Pa.

**Bliss & Laughlin** (Keyseated & Fitted with Couplings), Harvey, Ill.

**Brightman Mfg. Co.** (1-4" to 1 3-16"), Columbus, O.

**Brown A. & F. Co.**, 79 Barclay, New York. Works: Elizabethport, N. J.

**Cambria Steel Co.**, Widener bldg, Phila., Pa.

**Columbia Steel & Shafting Co.**, Pittsburgh, Pa.

**Compressed Steel Shafting Co.**, 393 Dorchester av, Boston, Mass.

**Cresson-Morris Co.**, Allegheny & 18th, Philadelphia, Pa.

**Crucible Steel Co. of America**, Oliver bldg, Pittsburgh, Pa.

**Cumberland Steel Co.** (Turned & Ground), Cumberland, Md.

**Fitzsimons & Co.**, 2496 B'way, S E, Cleveland, O.

**Fitzsimons Co.**, Youngstown, O.

**Frasse Peter A. & Co. Inc.**, 417 Canal, New York. Works: Hartford, Conn.

*See adv index at end of book*

**Jones & Laughlin Steel Co.**, Ross, Pittsburgh, Pa.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*

**Medart Patent Pulley Co.**, 3500 De Kalb, St. Louis, Mo.

**Pardee C. Works**, Perth Amboy, N. J.

**Penn Shafting Co.**, Spring City, Pa.

**Republic Iron & Steel Co.** ("Acme"), Youngstown, O.

**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*

**Union Drawn Steel Co.**, Beaver Falls, Pa.

**13366— Shafting (Turned)**

**ALLIS-CHALMERS MFG. CO.** (Steel), Milwaukee, Wis.

**American Tool & Machine Co.** (Iron & Steel), 10 High, Boston, Mass.

**Brightman Machine Co.**, Cleveland, O.

**Brightman Mfg. Co.** (1 1-4" to 6"), Columbus, O.

**Brown A. & F. Co.** (Steel), 79 Barclay, New York

**Columbia Steel & Shafting Co.**, Pittsburgh, Pa.

**Cumberland Steel Co.** (Turned & Ground Steel), Cumberland, Md.

**Dick R. & J. Ltd.**, Passaic, N. J.

**Great Western Mfg. Co.**, Leavenworth, Kans.

**Hill Clutch Co.**, 1000 W 58th, Cleveland, O.

**Holyoke Machine Co.**, Worcester, Mass.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*

**Medart Patent Pulley Co.** (Steel), 3500 De Kalb, St. Louis, Mo.

**Nordyke & Marmon Co.**, 1290 Kentucky av, Indianapolis, Ind.

**Pardee C. Works**, Perth Amboy, N. J.

**Sizer Forge Co.**, 238 Larkin, Buffalo, N. Y.

**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*

**Titusville Forge Co.** (Forged 10 lbs. to 30 Tons), Titusville, Pa.

**Union Drawn Steel Co.** (Steel), Beaver Falls, Pa.

**Walker Mfg. Co.**, Denver, Colo.

**13367—Shafting (Yellow Metal)**

**Taunton-New Bedford Copper Co.**, Taunton, Mass.

**13368— Shafts (Cam)**

**Anderson Forge & Machine Co.**, Detroit, Mich.

**Atlas Drop Forge Co.**, Lansing, Mich.

**Chicago Drop Forge & Foundry Co.**, 444 Kensington av, Chicago, Ill.

**Commercial Machine Co.**, Dunkirk, N. Y.

**Driggs-Seabury Ordnance Co.**, Sharon, Pa.

**Hibbard Engineering Co.**, Maj. bldg, Detroit, Mich.

**Indianapolis Drop Forging Co.**, Indianapolis, Ind.

**Jackson Motor Shaft Co.**, Jackson, Mich.

**Ladish Drop Forge Co.**, Cudahy, Wis.

**Muskegon Motor Specialties Co.**, Muskegon, Mich.

**National Engineering Co.**, Saginaw, Mich.

**Norton Grinding Co.**, Worcester, Mass.

**Peninsular Auto Parts Co.**, Detroit, Mich.

**Transue & Williams Steel Forging Corp.**, Alliance, O.

**Western Drop Forge Co.**, P. O. Box 386, Marion, Ind. *See adv index at end of book*

**Western Tool & Forge Co.**, Brackenridge, Pa.

**13369— Shafts (Flexible)**

**Almond T. R. Mfg. Co.** ("Almond" Flexible Electric), Ashburnham, Mass.

**Breeze Carbureter Co.**, 250 South, Newark, N. J.

**Chicago Flexible Shaft Co.**, 608 N La Salle av, Chicago, Ill.

**Coates Clipper Mfg. Co.** ("Coates" Unit Link), Worcester, Mass.

**FISCHER CHAS. SPRING CO.**, 473 Kent av, Brooklyn, N. Y.

**GEM MFG. CO.** ("Gem" Motor Driven), Goebel, nr Fulton, N S, Pittsburgh, Pa.

*See adv index at end of book*



**Plank Flexible Shaft Machine Co.** Grand Rapids, Mich.

**Stow Mfg. Co.**, Binghamton, N. Y.

*See adv index at end of book*

**Stow Flexible Shaft Co.**, 26th & Callowhill, Philadelphia, Pa.

WE MAKE

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and WIRE BELTS for indicating and recording instruments

ALSO BUFFING AND  
POLISHING OUTFITS

Catalogue on request

**WEBB MFG. CO.**, Ft. of Centre St. Newark, N.J.

## 13370— Shafts (Golf Stick)

**Dickinson Chas. W.**, Ypsilanti, Mich.

**Estes E. B. & Sons**, 358 5th av, New York

*See adv index at end of book*

**International Golf Shaft Co.**, Dayton, O.

**Minton T. W. & Son**, Barboursville, Ky.

**STILES H. A. & CO.**, 93-97 Oliver, Boston, Mass. *See adv index at end of book*

**13371— Shafts (Jack)**

**American Tool & Machine Co.**, 10 High, Boston, Mass.

**Dice Machine Co.**, Anderson, Ind.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.

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**Muncie Gear Works**, Muncie, Ind.

**Russell Motor Axle Co.**, North Detroit, Mich.

**Timken Detroit & Axle Co.**, Clark av, Detroit, Mich.

**13371a— \*Shafts (Key Seated)**

**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*

**13372—Shafts (Key Seating)**

**American Tool & Machine Co.**, 10 High, Boston, Mass.

**Caldwell H. W. & Son Co.**, Western av & 17th, Chicago, Ill.

**Dodge Sales & Engineering Co.**, Mishawaka, Ind.

**Hill Clutch Co.**, 1000 W 58th, Cleveland, O.

**Judson Mfg. Co.**, 819 Folsom, San Francisco, Cal.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.

*See adv index at end of book*

**Lockhart Iron & Steel Co.**, McKees Rocks, Pa.

**Nordyke & Marmon Co.**, 1290 Kentucky av, Indianapolis, Ind.

**Pardee C. Works** (Planished), Perth Amboy, N. J.

**Reading Iron Co.**, Reading, Pa.

**Republic Iron & Steel Co.**, Youngstown, O.

**Simmons Machine Co. Inc.**, 987 B'way, Albany, N. Y.

*See adv index at end of book*

**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*

**Union Drawn Steel Co.**, Beaver Falls, Pa.



**13373—Shafts (Phosphor Bronze)**

Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.

**13374—Shafts & Poles (Carriage & Wagon)**

Brown S. N. & Co., Dayton, O.  
Buckeye Handle, Gear & Bending Co., Alliance O.

Buckley J. Hub, Spoke & Wheel Co., 969 N 2nd, Philadelphia, Pa.

Campbell & Dann Mfg. Co., Tullahoma, Tenn.

Carriage Woodstock Co., Owensboro, Ky.  
Cartier A. E. Sons Co., Ludington, Mich.  
Coopersburg Bending Works, Coopersburg, Pa.

Crane & MacMahon, 10 Bridge, New York

Dann Bros. & Co., New Haven, Conn.  
Donges John & Co., Hamilton, O.

Dugger & Goshorn (Poles), Memphis, Tenn.

Empire Bending Works (Shafts Only), Lancaster, Pa.

Gillett E. A. & Sons, Charlestown, Boston, Mass.

Gillette C. H., Indianapolis, Ind.

Gillette W. H. Mfg. Co. (Ironed & Un-ironed), Louisville, Ky.

Hartzell Geo. W., Dayton, O.

Holt Bros. Mfg. Co., Concord, N. H.

Hoyt John Co., Delaware, N. J.

Kentucky Rim & Shaft Co., Louisville, Ky.

Lamb-Fish Lumber Co., Charleston, Miss.

Lebzeiter P. & Son Co., Lancaster, Pa.

Leippe's Jacob A. Sons, Reading, Pa.

Leonard F. B. & Co., Metropolis, Ill.

Love Wagon Co., Durant, Miss.

Metropolis Bending Co., Metropolis, Ill.

Mills Ellsworth Co., Keokuk, Ia.

Minton T. W. & Son, Barbourville, Ky.

Pioneer Pole & Shaft Co., Piqua, O.

Racine General Mfr. Co., Racine, Wis.

Rueter Hub & Spoke Co., Dexter, Mo.

Shepard H. G. & Sons, New Haven, Conn.

Sidney Mfg. Co., Sidney, O.

Springer Bros. Mfg. Co., Edwardsville, Ill.

Thomasville Spoke Works Co., Thomasville, N. C.

Toledo Bending Co., Toledo, O.

Toledo Carriage Woodwork Co., Toledo, O.

Union Bending Works, Collins, O.

Walrath Abram Co., Weedsport, N. Y.

Warner Pole & Top Co., 1648-50 Central av, Cincinnati, O.

Waterloo Bending Co., Waterloo, Ind.

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**13382—Shapes (Pressed Metal)**

**ACKLIN STAMPING CO.**, 1659 Dorris, Toledo, O. *See adv index at end of book*

American Pulley Co., 4200 Wissahickon av, Phila., Pa.

American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.

**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass.

*See adv index at end of book*

Globe Machine & Stamping Co. (To Order) 1250 W 76th, Cleveland, O.

Roe & Conover, 206 Frelinghuysen av, Newark, N. J. *See adv index at end of book*

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Richards-Wilcox Mfg. Co. ("Wilcox"), Aurora, Ill.

Root-Heath Mfg. Co. ("Favorite," "Ideal" Grinder), Plymouth, O.

Royal Mfg. Co., Denckla bldg, Phila, Pa.

**Sharpeners (Mower Knife)**

*See Grinders, Sickle & Mower Knife*

**13389—Sharpeners (Pencil)**

Automatic Pencil Sharpener Co., 58 E Washington, Chicago, Ill.

Boston Specialty Corp. ("Boston"), 261 B'way, New York

Cook F. H. & Co. ("Gem"), Leominster, Mass.

Crescent Mfg. Co., Fremont, O.

Dick A. B. Co. ("Planetary"), 736 W Jackson blvd, Chicago, Ill.

New Era Mfg. Co., 450 4th av, New York

Roneo Co. ("Roneo" Automatic), 117 Leonard, New York

Searight Mfg. Co. ("See-Rite"), 143 Columbia W, Detroit, Mich.

Specialty Mfg. Co., Decatur, Ill.

Spiro C. Mfg. Co. ("Rapid"), 68 E 131st, New York

Webster F. S. Co. ("Webster"), 340 Congregational, Boston, Mass.

Whitacre-Goshert Co. ("Little Yankee"), Rockford, Ill.

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Whitacre-Goshert Co. ("Little Yankee"), Rockford, Ill.



Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.  
Erie Specialty Co. ("Walker's" & "Quick & Easy"), 520 W 12th, Erie, Pa.  
Gifford-Wood Co., Hudson, N. Y.  
Gilchrist Co. ("Yankee" Steel), 236 Bank, Newark, N. J.  
Giles & Nielsen Nickel Works, Troy, N. Y.  
Griswold Mfg. Co., Erie, Pa.  
Gruman Ice Tool Works, Branchville, Conn.  
National Mfg. Steel Supply Co., 15 River, Newark, N. J.  
Nicol & Co. ("White City"), 218 N Jefferson, Chicago, Ill.  
North Bros. Mfg. Co. ("Gem"), Lehigh av & American, Phila., Pa.  
Reinhold Mfg. Co. ("Jumbo"), Detroit, Mich.  
Stover Mfg. Co. ("Ideal"), Freeport, Ill.  
Williams A. C. Co., Ravenna, O.  
Wrightsville Hardware Co., Wrightsville, Pa.

13399—Shavers (Smoked Beef)

Blakeslee G. S. & Co. ("Blakeslee"), 2856 Quinn, Chicago, Ill.  
Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.

Shaves (Heel & Edge)

See Knives, Shoe

13400—Shaves (Spoke)

Bagshaw & Field, 445 N 5th, Phila., Pa.  
Boker H. & Co. (Imported), 101 Duane, New York  
Buckeye Saw Vise Co. (1 & 2 Knife), Cleveland, O.  
Chapin-Stephens Co., Pine Meadow, Conn.  
Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.  
*See adv index at end of book*  
Goodell-Pratt Co., Greenfield, Mass.  
Johnson Wm. (Hedenberg Works) (Wood), Newark, N. J.  
Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
Millers Falls Co., 28 Warren, New York  
Ohio Tool Co. ("Ohio"), Charleston, W. Va.  
Osborne C. S. & Co. (Harness Makers, etc), Harrison, N. J.  
Sargent & Co. (Iron & Wood), New Haven, Conn.  
Smith, Seymour & Son (Iron), Oakville, Conn.  
Stanley Rule & Level Co. ("Bailey"), New Britain, Conn.  
Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.  
White L. & I. J. Co. (Adjustable, etc), 120 Columbia, Buffalo, N. Y.  
Wiesbusch & Hilger (Imp), 106 Lafayette, New York  
Wood H. H. & Sons Co., Atlanta, Ga.

13401—Shavings (Baled)

Davies Frederick G., North Tonawanda, N. Y.  
Des Rivieres Geo. R., 5444 S Mich., Chicago, Ill.  
National Sawdust Co. (All Kinds), 102 No. 1st, Brooklyn, N. Y.  
Page Geo. G. Box Co., Cambridge, Mass.  
Wilson Lumber & Box Co., Tonawanda, N. Y.

13402—Shavings Collecting Systems

*See also Dust Collectors, Mechanical*  
Cleveland Blow Pipe & Mfg. Co., 6302 Kinsman rd, Cleveland, O.  
Goethel Alfred C. Co., 301-303 Fourth, Milwaukee, Wis.  
Hartford Blower Co., Hartford, Conn.  
Kirk & Blum, York & Western avs, Cincinnati, O.  
Shreveport Blow Pipe & Sheet Iron Works, (Ltd.), Shreveport, La.

13403—Shavings (Cork)

Armstrong Cork Co., 24th & A. V. R. R., Pittsburgh, Pa.

13404—Shavings (Vinegar & Brewers')

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
Kelso & Co. (Clarifying), 557 W Quincy, Chicago, Ill.

Redlich Mfg. Co., 637 W Oak, Chicago, Ill.

13405—Shavings (Zinc)

Ball Bros. Glass Mfg. Co., Muncie, Ind.  
Braun Corporation, Los Angeles, Cal.  
Calkins Co., Los Angeles, Cal.  
Denver Fire Clay Co., Denver, Colo.  
Pacific Tank & Pipe Co. (For Gold, Silver Precipitation), Los Angeles, Cal.

13406—Shears

Under this Heading see Sub-classifications; see also Machinery, Punches & Shearing; also Punches, Various Kinds

13407-8—Shears (Alligator)

Canton Foundry & Machine Co. ("Canton"), Canton, O.  
Carlin's Thos. Sons Co., Pittsburgh, Pa.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
Danville Foundry & Machine Co. ("Little Giant" Portable), Danville, Pa.  
Doelger & Kirsten, 507 Cedar, Milwaukee, Wis.  
Evans John Sons, 506 N 13th, Philadelphia, Pa.  
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.  
Farrel Foundry & Machine Co., Ansonia, Conn.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Massillon Foundry & Machine Co., Massillon, O.

SHEARS

ALL TYPES AND SIZES

MESTA MACHINE COMPANY  
PITTSBURGH, PA., U. S. A.

Morgan Engineering Co., Alliance, O.  
*See adv index at end of book*  
Pels Henry & Co., (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
Philadelphia Roll & Machine Co. (For Scrap & Old Boiler Shells), 23d & Washington av, Philadelphia, Pa.  
Rock River Machine Co. ("Badger" Belt Driven), Janesville, Wis.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Slater-Marsden-Whittmore Co. ("Beloit"), Beloit, Wis.  
United Eng'g & Foundry Co., 307 5th av, Pittsburgh, Pa.  
Vulcan Engineering Sales Co. ("Vulcan"), 2065 Elston av, Chicago, Ill.  
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
Youngstown Foundry & Machine Co., Youngstown, O.

13409-10—Shears (Angle Iron)

Alliance Machine Co., Alliance, O.  
Badger State Machine Co., Janesville, Wis.  
Bertsch & Co., Cambridge City, Ind.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
Covington Machine Co. ("C. C. Wais Patent"), Covington, Va.  
Excelsior Tool & Machine Co., 32d & Ridge, East St. Louis, Ill.  
Hilles & Jones Co., East Wilmington, Del.  
*See adv index at end of book*  
Long & Allstatter Co. (Steam, Belt or Motor Driven, Double or Single Geared & on Turntable), Hamilton, O.  
Massillon Foundry & Machine Co., Massillon, O.  
National Roll & Foundry Co., Avonmore, Pa.  
New Doty Mfg. Co., Janesville, Wis.

**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*  
Niles-Bemont-Pond Co., 111 B'way, New York

Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
Perkins Machine Co., Warren, Mass.  
Rock River Machine Co. ("Badger"), Janesville, Wis.  
Royersford Foundry & Machine Co., Royersford, Pa.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Shatz Mfg. Co., Poughkeepsie, N. Y.  
Stoll D. H. Co., Buffalo, N. Y.  
Toledo Machine & Tool Co., Toledo, O.  
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.  
Watson-Stillman Co. (Hydraulic), 38 Church, New York  
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.  
Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
Wiener Machinery Co., 56 Church, New York  
Williams White & Co., Moline, Ill.  
Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
Young Machine & Tool Co., Worcester, Mass.

13411—Shears (Bar & Plate)

Alliance Machine Co., Alliance, O.  
Badger State Machine Co., Janesville, Wis.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Braun J. G., 609 S Paulina, Chicago, Ill.  
Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio  
Covington Machine Co. ("C. C. Wais Patent"), Covington, Va.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Ironton Punch & Shear Co., Ironton, O.  
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
Long & Allstatter Co. (Bar Iron, Steam, Belt or Motor Driven), Hamilton, O.  
McSherry Mfg. Co. (Power Bar), Pittsburgh, Pa.  
Mackintosh, Hemphill & Co., Pittsburgh, Pa.  
Massillon Foundry & Machine Co., Massillon, O.  
Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
National Roll & Foundry Co., Avonmore, Pa.  
Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
Newbold R. S. & Son Co., Norristown, Pa.  
New Doty Mfg. Co., Janesville, Wis.  
Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.  
Rock River Machine Co. ("Badger" Bar & Round Iron), Janesville, Wis.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Schatz Mfg. Co., Poughkeepsie, N. Y.  
**TUCKER W. B. & C. F.** ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn. *See adv index at end of book*  
United Engineering & F'dry Co., 307 5th av, Pittsburgh, Pa.  
Whiting Geo. Co., 1719 Elston av, Chicago, Ill.  
Wickes Bros., Saginaw, Mich.  
*See adv index at end of book*  
Wiener Machinery Co., 56 Church, New York  
Williams White & Co., Moline, Ill.  
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.  
Young Machine & Tool Co., Worcester, Mass.  
Youngstown Foundry & Machine Co., Youngstown, O.

13412—Shears (Beam & Channel)

*See also Shears, Angle Iron*  
Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa.  
Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.



Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame; Open & Closed Throat Types), West & Albany, New York  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Wiener Machinery Co. (Open Throat Beam, Portable Beam & Beam Combined With Punch), 56 Church, New York

### 13413— Shears (Bench)

Badger State Machine Co., Janesville, Wis.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Chandler & Farquhar Co. ("Federal"), 36 Federal, Boston, Mass.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Hinman D. A. & Co. ("Hinman"), Sandwich, Ill.  
 Merwin Mfg. Co. ("Vulcan", Shear & Rod Cutter), Erie, Pa.  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.  
*See adv index at end of book*  
 Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.  
 Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
 Rock River Machine Co., Janesville, Wis.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Stoll D. H. Co., Buffalo, N. Y.  
 Viking Shear Co. ("Viking" Portable), Erie, Pa.  
 Wells John C. (Offset), Milwaukee, Wis.  
 Wiener Machinery Co., 56 Church, New York

### 13414— Shears (Beveling)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Kling Bros., Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Lennox Machine Co. (Rotary), 2558 W 16th, Chicago, Ill.  
 New Doty Mfg. Co., Janesville, Wis.  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.  
*See adv index at end of book*  
 Niles-Bement-Pond Co., 111 B'way, New York  
 Perkins Machine Co. (Plate Beveling), Warren, Mass.  
 Rock River Machine Co. ("Badger"), Janesville, Wis.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Stoll D. H. Co., Buffalo, N. Y.  
 United Engineering & Foundry Co. (For Rolling Mills), 307 5th av, Pittsburgh, Pa.

### 13415—Shears (Billet & Bloom)

Alliance Machine Co., Alliance, O.  
 Bethlehem Steel Co., South Bethlehem, Pa.  
**BLISS E. W. CO.**, 19 Adams, B'klyn, New York. *See adv index at end of book*  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Long & Allstatter Co., Hamilton, O.  
 Mackintosh, Hemphill & Co. (Hydraulic, etc), Pittsburgh, Pa.  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
 Morgan Construction Co. ("Edwards Flying Shear"), Worcester, Mass.  
 New York  
**MORGAN ENGINEERING CO.**, (Duplex, Hydraulic & Electric), Alliance, O.  
*See adv index at end of book*  
 National Roll & Foundry Co., Avonmore, Pa.  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 New-Doty Mfg. Co. (Heavy Motor Driven), Janesville, Wis.

Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
 Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.  
 Rock River Machine Co. ("Badger"), Janesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.  
 Wiener Machinery Co., 56 Church, New York  
 Williams, White & Co., Moline, Ill.  
 Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

### 13416—Shears (Brushmakers')

Grammes L. F. & Sons, Allentown, Pa.  
 Stortz John & Son, 210 Vine, Phila., Pa.

### 13417— Shears (Circle)

**BLISS E. W. CO.**, 19 Adams, B'klyn, New York. *See adv index at end of book*  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
**NIAGARA MACHINE & TOOL WKS.**, Buffalo, N. Y.  
*See adv index at end of book*  
 Ohl Geo. A. Co., 159 Oraton, Newark, N. J.  
 Newbold R. S. & Son Co., Norristown, Pa.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Perkins Machine Co. (Metal), Warren, Mass.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Stoll D. H. Co., Buffalo, N. Y.  
 Toledo Machine & Tool Co., Toledo, O.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

### 13418— Shears (Clipping)

United Engineering & Foundry Co. (For Rolling Mills), 307 5th av, Pittsburgh, Pa.

### 13419—Shears (Cotton Bale)

Draper Corp., Hopedale, Mass.

### Shears (Crocodile)

*See Shears, Alligator*

### 13420— Shears (Double Plate & Sheet Mill)

Aetna Foundry & Machine Co. (For Sheet Mill, Tin Plate & Plates up to ½ in.), Warren, O.  
 Bertsch & Co., Cambridge City, Ind.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Kling Bros Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Lewis Foundry & Machine Co., Pittsburgh, Pa.  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*  
 National Roll & Foundry Co., Avonmore, Pa.  
 Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York  
 Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
 United Eng'g & Fdry Co., 307 5th av, Pittsburgh, Pa.  
 Wheeling Mold & Fdry. Co., Wheeling, W. Va.  
 Wiener Machinery Co., 56 Church, New York

### 13421— Shears (Electric)

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

### 13422— \*Shears for Heavy Boiler Plates, Etc.

**BLISS E. W. CO.**, 19 Adams, B'lyn, N. Y. *See adv index at end of book*  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*

### 13423— Shears for Sheet Metal Work

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cincinnati Iron & Steel Co. ("Ciseco"), Cincinnati, O.  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
 Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Huntington Machinery & Foundry Co., Huntington, Ind.  
 Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
**TUCKER W. B. & C. F.** ("Hercules," "Leviathan"), 516 Asylum, Hartford, Conn. *See adv index at end of book*  
 Wiener Machinery Co., 56 Church, New York

### 13424— Shears (Gap)

Bethlehem Steel Co., South Bethlehem, Pa.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, New York. *See adv index at end of book*  
**NIAGARA MACHINE & TOOL WORKS** (Power), Buffalo, N. Y.  
*See adv index at end of book*  
 Rock River Machine Co., Janesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.

### 13425—Shears (Gate or Guillotine)

Alliance Machine Co., Alliance, O.  
 Bertsch & Co., Cambridge, Ind.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Covington Machine Co. (Gate), Covington, Va.  
 Danville Foundry & Machine Co., Danville, Pa.  
 Farrel Foundry & Machine Co. (Gate & Alligator), Ansonia, Conn.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Ironton Punch & Shear Co. (Gate Only), Ironton, O.  
 Long & Allstatter Co. (Gate Shears, Motor, Belt or Steam Driven & Double or Single Geared), Hamilton, O.  
 Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
 Rock River Machine Co. ("Badger" Bar & Billet), Janesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.  
 Vulcan Engineering Sales Co. ("Vulcan"), 2059 Elston av, Chicago, Ill.  
 Wiener Machinery Co., 56 Church, New York  
 Williams, White & Co. (Gate), Moline, Ill.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.

### 13426—Shears (Gauge Table)

Hickok W. O. Mfg. Co., Harrisburg, Pa.

### 13427— Shears (Grape)

Clauss Shear Co., Fremont, O.  
 Clyde Cutlery Co., Clyde, O.  
 Cronk & Carrier Mfg. Co., Elmira, N. Y.

### Shears (Grass)

*See Shears, Sheep, Grass, etc)*

### 13428-9—Shears (Hand Power)

Armstrong Mfg. Co. ("Victor"), Waterloo, Ia.  
 Bartlett Mfg. Co., 40 Lafayette E, Detroit, Mich.  
 Bertsch & Co., Cambridge City, Ind.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Champion Blower & Forge Co. ("Champion," for Blacksmiths, etc), Lancaster, Pa.  
 Cincinnati Iron & Steel Co. ("Ciseco"), Cincinnati, O.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
 Hinman D. A. & Co. (For Sheet Metal), Sandwich, Ill.  
 Kane & Roach, Syracuse, N. Y.  
 Lennox Throatless Shear Co., Marshalltown, Ia.  
 Lewthaithe T. H. Machine Co., 413 E 31st, New York



Little Giant Punch & Shear Co. ("Little Giant" Bench), Sparta, Ill.  
**Merchant & Evans Co.**, 2035 Washington av., Philadelphia, Pa.  
*See adv index at end of book*  
**NIAGARA MACHINE & TOOL WORKS** (For Sheet Metal), Buffalo, N. Y.  
*See adv index at end of book*  
**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
**Perkins Machine Co.** (Metal), Warren, Mass.  
**Quinn Wire & Iron Works** ("Simplex" for Blacksmiths), Boone, Ia.  
**Rock River Machine Co.**, Janesville, Wis.  
**Schatz Mfg. Co.**, Poughkeepsie, N. Y.  
**Schuchardt & Schutte**, 90 West, New York  
**Simonsen Iron Works**, Sioux Rapids, Ia.  
**Smith & Egge Mfg. Co.** ("Eureka"), for Cutting Wire, Rods & Strip Metal), Bridgeport, Conn.  
**Stoll D. H. Co.**, Buffalo, N. Y.  
**TUCKER W. B. & C. F.** ("Hercules," "Leviathan" for Sheet, Bar and Rod), 516 Asylum, Hartford, Conn.  
*See adv index at end of book*  
**Whitney Metal Tool Co.** ("Viking"), Rockford, Ill.  
**Wiener Machinery Co.**, 56 Church, New York  
**Young Machine & Tool Co.**, Worcester, Mass.

### Shears (Hoof)

See Parers, Hoof

### 13430—Shears (Horse Clipping)

**Clauss Shear Co.** ("Clauss"), Fremont, O.  
**Columbian Cutlery Co.** ("Columbia"), Reading, Pa.  
**National Cutlery Co.** ("National" Roaching), Westmoreland & Boudinot, Phila., Pa.  
**Wiss J. & Sons Co.**, 31 Littleton av, Newark, N. J.

### 13431—Shears (Hydraulic)

**Alliance Machine Co.**, Alliance, O.  
**Bertsch & Co.**, Cambridge City, Ind.  
**Bethlehem Steel Co.**, South Bethlehem, Pa.  
**Birdsboro Steel Foundry & Machine Co.**, N Birdsboro, Pa.  
**Garrison A. Foundry Co.**, 901 Bingham, Pittsburgh, Pa.  
**Mackintosh, Hemphill & Co.** (Plate, Bloom, etc), Pittsburgh, Pa.  
**Mesta Machine Co.**, Pittsburgh, Pa.  
*See adv index at end of book*  
**Morgan Construction Co.**, Worcester, Mass.  
**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
**Neumeyer & Dimond** ("Demag" Imp), 82 Beaver, New York  
**Niles-Bement-Pond Co.**, 111 B'way, New York  
**United Engineering & Foundry Co.** (For Tin, Bar, Bloom, Slab, etc), 307 5th av, Pittsburgh, Pa.  
**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*  
**Wood R. D. & Co.** (Multiple Power Plate Shear), 400 Chestnut, Philadelphia, Pa.  
**Wood Wm. H.**, Media, Pa.

**13432—Shears (Index)**  
**Hickok W. O. Mfg. Co.**, Harrisburg, Pa.

### Shears (Lawn)

See Shears, Sheep, Grass & Hedge

### 13433—Shears (Lever)

**Badger State Machine Co.**, Janesville, Wis.  
**Bartlett Mfg. Co.** ("Searchlight," Compound Lever Mechanics'), 40 Lafayette, Detroit, Mich.  
**Bertsch & Co.**, Cambridge City, Ind.  
**Birmingham Iron Foundry**, Derby, Conn.  
**Cincinnati Iron & Steel Co.** ("Cisco"), Cincinnati, O.  
**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av N E, Cleveland, O.  
**Edwards C. D.**, Albert Lea, Minn.  
**Excelsior Tool & Machine Co.**, 32d & Ridge, East St. Louis, Ill.  
**Farrel Fdry. & Mach. Co.**, Ansonia, Conn.  
**Garrison A. Foundry Co.** ("Alligator," Heavy), 901 Bingham, Pittsburgh, Pa.  
**Heartley Machine Variety Iron & Tool Works** (Hand Lever), 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
**Klemm E. R.**, 1453 Austin av, Chicago, Ill.  
**Lewthwaite T. H. Machine Co.**, 413 E 31st, New York  
**McSherry Mfg. Co.**, Pittsburgh, Pa.  
**Merwin Mfg. Co.** ("Vulcan"), Erie, Pa.  
**Mesta Machine Co.** (For Cutting Scrap, Rails, etc), Pittsburgh Pa.  
*See adv index at end of book*  
**New Doty Mfg. Co.**, Janesville, Wis.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y.  
*See adv index at end of book*  
**Pawtucket Mfg. Co.**, Pawtucket, R. I.  
**Peck, Stow & Wilcox Co.**, Southington, Conn.  
**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
**Pittsburgh Iron Works Co.**, 2170 Bedford av, Pittsburgh, Pa.  
**Robinson J. M. Mfg. Co.** (Slitting), Cincinnati, O.  
**Rock River Machine Co.** ("Badger"), Janesville, Wis.  
**Ryerson Jos. T. & Son**, 2553 W 16th, Chicago, Ill.  
**Schatz Mfg. Co.**, Poughkeepsie, N. Y.  
**Stoll D. H. Co.**, Buffalo, N. Y.  
**TUCKER W. B. & C. F.** ("Hercules," "Leviathan" for Sheet, Bar & Rod), 516 Asylum, Hartford, Conn.  
*See adv index at end of book*  
**United Engineering & Foundry Co.** (For Rolling Mills) 307 5th av, Pittsburgh, Pa.  
**Waterbury Farrel Foundry & Machine Co.**, Waterbury, Conn.  
**Wiener Machinery Co.**, 56 Church, New York  
**Williams, White & Co.**, Moline, Ill.  
**Young Machine & Tool Co.**, Worcester, Mass.  
**Youngstown Foundry & Machine Co.** ("Pitman," Type), Youngstown, O.

### 13434—\*Shears (Muck Bar)

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

### 13435—Shears (Paper)

**Bradley Milton Co.**, Springfield, Mass.  
**Claus Shear Co.**, Fremont, O.  
**Golding Mfg. Co.** (Paper, Cardboard, etc), Franklin, Mass.

### 13436—Shears (Paper Box Makers')

**BECK CHAS. CO.**, 607 Chestnut, Philadelphia, Pa. *See adv index at end of book*  
**Jacques Jno. & Son**, Worcester, Mass.  
**Knowlton M. D. Co.**, 26 E Elizabeth, Rochester, N. Y.

### 13437—Shears (Paper Hangers')

**Clauss Shear Co.** ("Clauss"), Fremont, O.  
**National Cutlery Co.**, Westmoreland & Boudinot, Phila., Pa.  
**Wiss J. & Sons Co.**, 31 Littleton av, Newark, N. J.

### Shears (Plate Splitting)

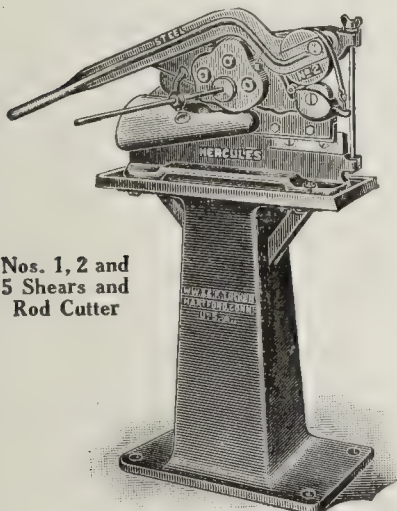
See Shears, Splitting

### Shears (Poultry)

See Scissors, Poultry

### 13438—Shears (Power)

**Alliance Machine Co.**, Alliance, O.  
**Badger State Machine Co.**, Janesville, Wis.  
**Bertsch & Co.**, Cambridge City, Ind.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
**Cincinnati Iron & Steel Co.** ("Cisco"), Cincinnati, O.  
**Cleveland Punch & Shear Works Co.**, 3921 St. Clair av N E, Cleveland, O.  
**Excelsior Tool & Machine Co.**, 32d & Ridge, East St. Louis, Ill.  
**Fuller Otis L. Co.** ("Rapid"), Goshen, Ind.  
**Garrison A. Foundry Co.**, 901 Bingham, Pittsburgh, Pa.  
**Gowanda Agricultural Works** (For Cutting Sheet Steel, 20-24 inch), Gowanda, N. Y.  
**Heartley Machine, Variety Iron & Tool Works**, 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
**Huntington Machine & Foundry Co.**, Huntington, Ind.  
**Ironton Punch & Shear Co.**, Ironton, O.  
**Kling Bros. Engineering Works**, 1304 Kingsbury, Chicago, Ill.  
**Lennox Throatless Shear Co.**, Marshalltown, Ia.  
**Mackintosh, Hemphill & Co.** (For Rolling Mills, etc), Pittsburgh, Pa.  
**Massillon Foundry & Machine Co.**, Massillon, O.  
**MORGAN ENGINEERING CO.**, Alliance, O. *See adv index at end of book*  
**Neumeyer & Dimond** ("Demag" Imp), 82 Beaver, New York  
**New Doty Mfg. Co.**, Janesville, Wis.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*  
**Niles-Bement-Pond Co.**, 111 B'way, New York  
**Pels Henry & Co.** (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
**Royersford Foundry & Machine Co.**, Royersford, Pa.



Nos. 1, 2 and  
5 Shears and  
Rod Cutter

## HERCULES SHEARS and ROD CUTTERS

Manufactured in Six Sizes

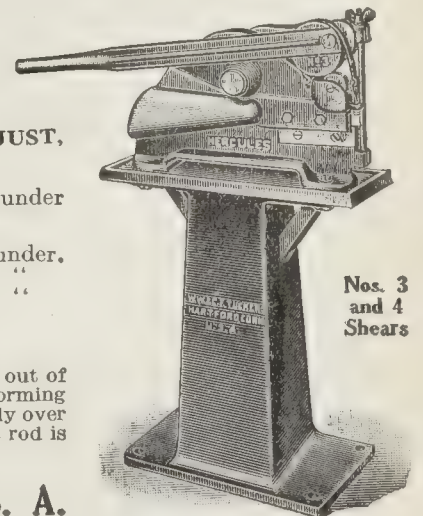
PREPAREDNESS TOOLS, ALWAYS READY—NO TOOLS TO ADJUST,  
BELTS TO SEW OR TIGHTEN, NO PULL ON THE POWER PLANT

No. 0 (Tool Maker's Bench Machine) cuts  $\frac{1}{4}$ ",  $\frac{3}{16}$ ",  $\frac{1}{8}$ " Iron Rods and under  
 $\frac{1}{16}$ " Sheets and Bars and under.

No. 1 Cuts  $\frac{1}{2}$ ",  $\frac{3}{8}$ ",  $\frac{1}{4}$ " Iron Rods and under  $\frac{3}{16}$ " Sheets and Bars and under.  
 No. 2 "  $\frac{5}{8}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ " " " " "  $\frac{1}{4}$ " " " " "  
 No. 5 "  $\frac{3}{4}$ ",  $\frac{5}{8}$ ",  $\frac{1}{2}$ " " " " "  $\frac{5}{16}$ " " " " "  
 No. 3 "  $\frac{1}{4}$ " Sheets and Bars and under only.  
 No. 4 "  $\frac{5}{16}$ " " " " " " " " " "

The Shear Blades have a draw-in cut with no tendency to crowd the work out of the shear. Rods can be cut, leaving ends suitable to thread, or spin over forming rivet head without extra machining. Pressure is by cam and roll contact directly over shear blades. Jaw is lifted with steel band, dispensing with all springs. Tie rod is removed for continuous cutting of sheets. Send for Shear Catalog.

**W. B. & C. F. TUCKER, Hartford Conn. U. S. A.**



Nos. 3  
and 4  
Shears



Ryerson Jos. T. & Son, 2558 W. 16th, Chicago, Ill.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Schuchardt & Schutte, 90 West, New York  
 Standard Machinery Co., Providence, R. I.  
 Stoll D. H. Co., Buffalo, N. Y.  
 Toledo Machine & Tool Co., Toledo, O.  
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.  
**WATSON-STILLMAN CO.**, 38 Church, New York *See adv index at end of book*  
 Wiener Machinery Co., 56 Church, New York  
 Williams, White & Co., Moline, Ill.  
 Young Machine & Tool Co., Worcester, Mass.

**13439—Shears (Pruning)**

Bartlett Mfg. Co., 40 Lafayette, Detroit, Mich.  
 Cartwright J. M., Malaga, Cal.  
 Carver Tool Works ("Carver's"), Spring Valley, N. Y.  
 Clauss Shear Co. ("Clauss Buckeye"), Fremont, O.  
 Clyde Cutlery Co. (Hedge, etc, Waters' Pat'n, Draw Cut "Red Clipper," "Buckeye"), Clyde, O.  
 Cronk & Carrier Mfg. Co. ("Fresno"), Elmira, N. Y.  
 Graef & Schmidt ("Turn Brand" Imp), 107 Chambers, N. Y.  
 Gray Iron Casting Co., Springfield, O.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Henry John T. Mfg. Co. (California Pat'n), Hamden, Conn.  
 Kidder & Craig, Rumney, N. H.  
 Kohler F. E. Co. (California Pattern), Canton, O.  
 Little Giant Mfg. Co., Saugatuck, Mich.  
 Nagley Mfg. Co. ("Diamond Edge"), Lyons, N. Y.  
 Ney V. L. Co., Canton, O.  
 Peck, Stow & Wilcox Co. ("Pexto"), Southington, Conn.  
 Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.  
 Rhodes Mfg. Co. ("Rhodes" Double Cut), Grand Rapids, Mich.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
 Seymour Mfg. Co. (Waters' Pat'n), Seymour, Ind.  
 Smith, Seymour & Son ("Royal," "Imperial," "Concord," "Granger," "Taylor," "Levin," "California," "Rockdale," "Smith's Ideal," "Oakland," "Redlands," "Standard," "Telephone"), Oakville, Conn.  
 Wiss J. & Sons Co. (Solid Steel), 31 Littleton av, Newark, N. J.

**13440—Shears (Rotary)**

Bethlehem Fdry. & Mach. Co., S Bethlehem, Pa.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Detrick & Harvey Mach. Co. (Slitting), 508 E Preston, Baltimore, Md.  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Ham L. M. & Co., 158 Portland, Boston, Mass.  
 Heartley Machine Variety Iron & Tool Works, 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Lennox Machine Co. (Beveling & Splitting), 2558 W 16th, Chicago, Ill.  
 Lennox Throatless Shear Co. ("Lennox" Throatless), Marshalltown, Ia.  
**McSherry Mfg. Co., Pittsburgh, Pa.**  
 McWilliams Thomas, 237 Eddy, Providence, R. I.  
 Michigan Press Co., Ypsilanti, Mich.  
 Morgan Construction Co., Worcester, Mass.  
 Newbold R. S. & Son Co., Norristown, Pa.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo N. Y. *See adv index at end of book*  
 Ohl Geo. A. & Co. (Slitting), 159 Oraton, Newark, N. J.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Perkins Machine Co., Warren, Mass.  
 Quickwork Co. ("Quickwork"), St. Mary's, Ohio  
 Rock River Machine Co. ("Badger"), Janesville, Wis.  
 Ryerson Jos. T. & Son ("Lennox"), 2558 W 16th, Chicago, Ill.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Standard Machinery Co., Providence, R. I.

Stoll D. H. Co., Buffalo, N. Y.  
 Toledo Machine Co., Toledo, O.  
 Wagner C. DeWitt, Cedar Rapids, Ia.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
 Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

**13441—Shears (Rotary Circle)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Perkins Machine Co., Warren, Mass.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Waterbury Farrel Fdry & Mach. Co., Waterbury, Conn.

**13442—Shears (Rotary, Pipe Cutting)**

Newbold R. S. & Son Co., Norristown, Pa.  
 Ryerson Jos. T. & Son ("Lennox" Rotary Throat), 2558 W 16th, Chicago, Ill.  
 United Eng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

**13443—Shears (Rotary Slitting)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Detrick & Harvey Mach. Co., 508 E Preston, Baltimore, Md.  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Lennox Machine Co., 2558 W 16th, Chicago, Ill.  
 Loy & Nawrath (For Hand & Belt Power), 25 Runyon, Newark, N. J.  
**NIAGARA MACHINE & TOOL WKS**, Buffalo, N. Y. *See adv index at end of book*  
 Ohl Geo. A. & Co., 159 Oraton, Newark, N. J.  
 Rock River Machine Co., Janesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y. *See adv index at end of book*  
 Toledo Machine & Tool Co., Toledo, O.  
 Wagner C. DeWitt, Cedar Rapids, Ia.  
 Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.  
 Whelan D. J. (Est. of) ("Capitol"), Troy, N. Y.

**13444—Shears (Scrap)**

Canton Foundry & Machine Co., Canton, Ohio  
 Carlin's Thos. Sons Co., Pittsburgh, Pa.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Danville Foundry & Machine Co. ("Little Giant" Portable Alligator), Danville, Pa.  
 Doelger & Kirsten, 507 Cedar, Milwaukee, Wis.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Huntington Mach. & Fdry. Co., Huntington, Ind.  
 Mackintosh, Hemphill & Co. (Motor Driven Plate), Pittsburgh, Pa.  
 Massillon Fdry. & Machine Co., Massillon, Ohio  
 Mesta Mach. Co. (Lever, etc), Pittsburgh, Pa. *See adv index at end of book*  
**NIAGARA MACHINE & TOOL WKS**, (For Light Scrap), Buffalo, N. Y. *See adv index at end of book*  
 Pels Henry & Co. (Imp Unbreakable Rolled Steel Frame), West & Albany, New York  
 Rock River Machine Co. ("Badger" Lever Rolling Mill, etc), Janesville, Wis.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Turner, Vaughn & Taylor Co. (Wire Scrap), Cuyahoga Falls, O.  
 United Engng & Fdry. Co., 307 5th av, Pittsburgh, Pa.  
 Wiener Machinery Co., 56 Church, New York

**13445—\*Shears (Scroll)**

**NIAGARA MACHINE & TOOL WKS**, Buffalo, N. Y. *See adv index at end of book*

**13446—Shears (Sheep, Grass & Hedge)**

Columbian Cutlery Co. ("Columbia"), Reading, Pa.  
 Cronk & Carrier Mfg. Co. (Grass & Hedge Only), Elmira, N. Y.  
 Dunn Edge Tool Co. ("Lightning" Grass & Hedge), Oakland, Me.  
 Gay Geo. E. ("Uncle Sam"), Augusta, Me.  
 Gowanda Agricultural Works (Dog or Sheep), Gowanda, N. Y.  
 Heimerdinger W. C. (Grass, Sheep or Horse), Louisville, Ky.  
 Keiser Mfg. Co., Reading, Pa.  
 Klaas Max ("Crane Brand" Sheep Imp.), 293 B'way, New York  
 Knickerbocker Mfg. Co. (Grass), Belleville, N. J.  
 McCoy Jos. F. Co. (Agts. "Holdfast" Hedge), 157 Chambers, New York  
 Wiebusch & Hilger ("Winkinson Sheffield, England Imp."), 106 Lafayette, New York

**13447—Shears (Shoe Trimming)**

Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.

**13448—Shears (Slitting)**

Badger State Machine Co., Janesville, Wis.  
 Bertsch & Co., Cambridge City, Ind.  
 Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
 Buffalo Forge Co. (Hand & Power), Buffalo, N. Y.  
 Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Detrick & Harvey Machine Co. (Rotary), 508 E Preston, Baltimore, Md.  
 Fuller Otis L. Co. ("Rapid"), Goshen, Ind.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.  
**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
 Ironton Punch & Shear Co., Ironton, O.  
 Keene Geo. C. & Co., 2327 Florence av, Cincinnati, O.  
 Kidder J. F. Mfg. Co. ("Little Blacksmith"), Burlington, Vt.  
 Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
 Lennox Throatless Shear Co., Marshalltown, Ia.  
 Massillon Foundry & Machine Co., Massillon, O.  
 Mersick C. S. & Co. (Compound Lever & Pinion), New Haven, Conn.  
 Michigan Press Co. (Gang Slitters), Ypsilanti, Mich.  
**NIAGARA MACHINE & TOOL WORKS** (Hand Slitting), Buffalo, N. Y. *See adv index at end of book*  
 Ohl Geo. A. & Co., 159 Oraton (Also Rotary Slitting), Newark, N. J.  
 Pawtucket Mfg. Co. (30 & 52 inch), Pawtucket, R. I.  
 Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York  
 Perkins Machine Co., Warren, Mass.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 St. Louis Machine Tool Co., 2607 S B'way, St. Louis, Mo.  
 Schatz Mfg. Co., Poughkeepsie, N. Y.  
 Slater-Marsden-Wittmore Co. ("Beloit," Single & Double Back Geared, Lever, etc), Beloit, Wis.  
 Stoll D. H. Co., Buffalo, N. Y.  
 United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.  
 Wheeler W. A. ("Handy" Hand Power), Indianapolis, Ind.  
 Whelan D. J. (Est. of) ("Capital" Rotary), Troy, N. Y.  
 Whiting Geo. Co., 1719 Elston av, Chicago, Ill.  
 Wiener Machinery Co., 56 Church, New York

**13449—Shears (Splitting)**

Alliance Machine Co., Alliance, O.  
 Badger State Machine Co., Janesville, Wis.  
 Bertsch & Co. ("Universal"), Cambridge City, Ind.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Cincinnati Iron & Steel Co. ("Cisco"), Cincinnati, O.



Excelsior Tool & Machine Co., 32d & Ridge, E St. Louis, Ill.  
Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Ironton Punch & Shear Co., Ironton, O.  
Kling Bros. Engineering Works, 1304 Kingsbury, Chicago, Ill.  
Little Giant Punch & Shear Co., Sparta, Ill.

Long & Allstatter Co. (Steam, Belt or Motor Driven), Hamilton, O.  
Massillon Foundry & Machine Co., Massillon, O.

New Doty Mfg. Co. (Hand & Power), Janesville, Wis.

**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*  
Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Rock River Machine Co. ("Badger," Steel Splitting, Hand or Belt Power), Janesville, Wis.

Ryerson Jos. T. & Son ("Lennox" Rotary), 2558 W 16th, Chicago, Ill.

Schatz Mfg. Co., Poughkeepsie, N. Y.  
Slater-Marsden-Whitmore Co. (Hand Power), Beloit, Wis.

Stoll D. H. Co., Buffalo, N. Y.  
United Engineering & Foundry Co., 307 5th av, Pittsburgh, Pa.

Wagner C. De Witt, Cedar Rapids, Ia.  
Wiener Machinery Co., 56 Church, New York

Williams White & Co., Moline, Ill.  
Wood R. D. & Co. (Hydraulic), 400 Chestnut, Phila., Pa.

### 13450— Shears (Squaring)

Aetna Foundry & Machine Co. (For Tin & Sheet Mills), Warren, O.  
Ams Max Machine Co. (Can Makers, etc), Bridgeport, Conn.

Bertsch & Co. (Combined Multiple Punch & Shear), Cambridge, Ind.

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*  
Canton Foundry & Machine Co., Canton, O.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.

**ERIE FOUNDRY CO.** ("Erie"), Erie, Pa.  
Ewert & Kutscheid ("Peerless"), 3108 S Halsted, Chicago, Ill.

Excelsior Tool & Machine Co. ("Excelsior" Double Gearing), 32d & Ridge, E St. Louis, Ill.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.

Hibbard Wm. H. Mfg. Co., 79 Washington, Brooklyn, N. Y.

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Ironton Punch & Shear Co., Ironton, O.

Loy & Nawrath, 25 Runyon (Foot & Belt Power), Newark, N. J.

McSherry Mfg. Co. (Power), Pittsburgh, Pa.

Massillon Foundry & Machine Co., Massillon, O.

Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.

*See adv index at end of book*  
Mesta Machine Co., Pittsburgh, Pa.

*See adv index at end of book*  
Michigan Press Co. ("Michigan"), Ypsilanti, Mich.

**MORGAN ENGINEERING CO.**, Alliance, Ohio *See adv index at end of book*  
National Roll & Foundry Co., Avonmore, Pa.

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

New Doty Mfg. Co., Janesville, Wis.

**NIAGARA MACHINE & TOOL WORKS** (Power & Foot Power), Buffalo, N. Y. *See adv index at end of book*

Ohl Geo. A. & Co. (Heavy & Light), 157 Oraton, Newark, N. J.

Peck, Stow & Wilcox Co. (For Sheet Metal), Southington, Conn.

Peerless Tool Co., 1500 S Western av, Chicago, Ill.

Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Perkins Machine Co. (Metal Squaring & Circle), Warren, Mass.

Rock River Machine Co. ("Badger"), Janesville, Wis.

Schatz Mfg. Co., Poughkeepsie, N. Y.

Simmons Machine Co., Inc., 987 Broadway, Albany, N. Y. *See adv index at end of book*  
Stoll D. H. Co., Buffalo, N. Y.

Toledo Machine & Tool Co., Toledo, O.  
United Engineering & Foundry Co. (For Tin Plate & Rolling Mills), 307 5th av, Pittsburgh, Pa.

Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.

Wheeling Mold & Fdry. Co., Wheeling, W. Va.

Whiting Geo. Co., 1719 Elston av, Chicago, Ill.

Young Machine & Tool Co., Worcester, Mass.

### 13451—\*Shears (Steam Hydraulic)

Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*

### Shears (Tinner's)

*See Snips, Tinner's*

### 13452— Shears (Tobacco)

Black John B. Co. ("Brady's"), Chester, Pa.

Nagley Mfg. Co. (Cutting Tobacco in the Field), Lyons, N. Y.

### 13453— Shears (Vertical)

**HILLES & JONES CO.**, East Wilmington, Del. *See adv index at end of book*  
Ironton Punch & Shear Co., Ironton, O.

National Machinery Co., Tiffin, O.  
Pawtucket Mfg. Co., Pawtucket, R. I.

Pels Henry & Co. (Imp. Unbreakable Rolled Steel Frame), West & Albany, New York

Rock River Machine Co., Janesville, Wis.  
Union Foundry & Machine Co., W Carson, Pittsburgh, Pa.

United Engineering & Foundry Co. (For Rolling Mills), 307 5th av, Pittsburgh, Pa.

Wiener Machinery Co., 56 Church, New York

### 13454—Shears (Wire, Rod, Etc.)

Smith & Egge Mfg. Co. ("Eureka"), Bridgeport, Conn., & 62 Reade, New York

### Shears & Punches (Combined)

*See Punching & Shearing Machines, Combined; also Punch & Shear Combined, Hand Power*

### 13455— Shears & Scissors

Acme Shear Co. ("Acme" Bankers, Barbers, Ladies, Pocket, Cigar Cutter, Buttonhole, Tailors, Trimmers, Manicure & Nail, Folding Grape, Shears, Fruit Pickers; also "Americut" Forged Steel Scissors & Shears, etc), Bridgeport, Conn.

Ansonia Novelty Co. (Cast) Ansonia, Conn.

Atlas Shear Co. ("Alvord"), Bridgeport, Conn.

Bens Wm. Co. (Silver Mounted), 7 Beverly, Providence, R. I.

Berridge Shear Co. (High Grade Steel Laid), Sturgis, Mich.

Boker H. & Co. ("Tree Brand" Imported), 101 Duane, New York

Bridgeport Hdw. Mfg. Corp. (Button Hole, School, Pocket, Barbers', Self Sharpening, Combined Pocket Scissors & Cigar Cutter, etc), Bridgeport, Conn.

Case W. R. & Sons Cutlery Co., Bradford, Pa.

Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.

Clark Bros. Cutlery Co. ("Babcock" Patent Shears), Kansas City, Mo.

Clauss Shear Co., Fremont, O.

Clayton Bros. (Cast & Steel), Bristol, Conn.

Codding & Heilborn Co. (Silver Mounted), North Attleboro, Mass.

Compton W. H. Shear Co. ("Reliance"), 314 Camden, Newark, N. J.

Emrich Phil ("Emrich," Tailors' Shears, etc), 824 Main, Cincinnati, O.

Foster Theo. W. & Bro. Co. (Silver), 100 Richmond, Providence, R. I.

Geneva Cutlery Co. (Solid Steel Shears), Geneva, N. Y.

Graef & Schmidt ("Twin Brand" Imported), 107 Chambers, New York

Hollinger Cutlery Co. ("International Cutlery"), Fremont, O.

Jackson Shear & Razor Co., Fremont, O.

Kastor Adolph & Bros. ("W. H. Morley & Sons," Imported), 109 Duane, New York

Klaas Max ("Crane Brand" Imported), 298 B'way, New York

Koch, F. A. & Co., 524 B'way, New York

Landers, Frary & Clark ("Universal"), New Britain, Conn.

Lenox Shear Co., Brookfield, Conn.

Meriden Cutlery Co. (Game Only), Meriden, Conn.

National Cutlery Co. (Buttonhole), Westmoreland & Boudinot, Phila., Pa.

Novelty Cutlery Co. (Folding Scissors), Canton, O.

Robeson Cutlery Co., Rochester, N. Y.

Spaulding D. S. (Silver Mounted), Mansfield, Mass.

Sperry & Alexander Co. ("Centaur"), 79 Chambers, New York

Wallace R. & Sons' Mfg. Co. (Buttonhole, Embroidery, Folding, Ladies' Manicure, Pocket), Wallingford, Conn.

Wiebush & Hilger (Bent, Buttonhole, Embroidery, Pocket, etc, Imp. "Seymour," "Madison," "Hamilton"), 106 Lafayette, New York

Willsden S. Blake, Heyworth bldg, Chicago, Ill.

Wiss J. Sons Co., 31 Littleton av, Newark, N. J.

### 13456—Sheathing (Yellow Metal)

Taunton-New Bedford Copper Co., Taunton, Mass.

### 13457—Sheave or Pulley Filling (Rubber)

Goodrich B. F. Co., Akron, O.  
Mechanical Rubber Co., Cleveland, O.

New York Belting & Packing Co., 91 Chambers, New York

### 13458—Sheave Wheels & Frames

Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

### 13459— Sheaves (Chain)

Poole Engineering & Machine Co. (For Marine Railways), Woodberry sta, Baltimore, Md.

### 13460— Sheaves (Door)

Corbin Cabinet Lock Co. (Cast Brass Sliding Door Sheave & Rail), New Britain, Conn.

Harris & Reed (Ball Bearing), 1500 W 15th, Chicago, Ill.

Nicol & Co., 218 N. Jefferson, Chicago, Ill.

Penn Hardware Co., Reading, Pa.

Reading Hardware Co., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.

Wrightsville Hardware Co. (Also Sliding Door), Wrightsville, Pa.

### 13461—\*Sheaves (Guide, for Conveyor Belts)

Wolf Co., Chambersburg, Pa.

### Sheaves (Pulley)

*See Pulleys, Grooved*

### 13462—Sheaves (Show Case)

Johnston & Sharp Mfg. Co., (Ball Bearing), Ottumwa, Ia.

Reflector & Hardware Specialty Mfg. Co. (Belt Bearing), 2235 S Western av, Chicago, Ill.

Weber-Knapp Co., Jamestown, N. Y.

13463— Sheaves (Shutter)

Reading Hardware Co., Reading, Pa.

Russell & Erwin Mfg. Co., New Britain, Conn.

Sargent & Co., New Haven, Conn.

13464—Sheaves (Tackle Block)

*See also Blocks, Tackle*

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

Boston & Lockport Block Co. ("Star"), 100 Condor, E Boston, Mass.

Buffalo Contractors' Plant Corp., 131 Erie, Buffalo, N. Y. *See adv index at end of book*



Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.  
*See adv index at end of book*  
 Channon Jas. H. Mfg. Co. (Grey Iron), 227 W Erie, Chicago, Ill.  
 Cleveland Block Co., 1173 W 11th, Cleveland, O.  
 Dobbie Foundry & Machine Co., Main Office & Works, Niagara Falls, N. Y.  
 Dubuar C. L. Lumber Co., Northville, Mich.  
 Gillie Machine Co., Tonawanda, N. Y.  
 Laughlin Thos. Co., Portland, Me.  
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
 National Equipment Co., 125 S Racine av, Chicago, Ill. *See adv index at end of book*  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Pittsburgh Block & Mfg. Co., 818 South av, Pittsburgh, Pa.  
 Union Hardware Co., Torrington, Conn.  
 Western Block Co., Lockport, N. Y.  
 Wilcox, Crittenden & Co., Middletown, Conn.

### 13465—Sheaves (Wire & Manila Rope)

*See also Machinery, Power Transmitting*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
**American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel)**, 332 S Michigan av, Chicago, Ill.  
 Barnard & Leas Mfg. Co., Moline, Ill.  
 Bates Machine Co., Joliet, Ill.  
 Bellwood Mfg. Co. (Rope), Bellwood, Pa.  
 Boston Self-Locking Block Co., Waltham, Mass.  
 Boston & Lockport Block Co. ("Star," Rope), 100 Condor, E Boston, Mass.  
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.  
**Buffalo Contractors' Plant Corp.**, 131 Erie, Buffalo, N. Y. *See adv index at end of book*  
 Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.  
*See adv index at end of book*  
**Caldwell H. W. & Sons Co.**, 17th & Western av, Chicago, Ill.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Cherry Tree Machine Co. (Rope), Cherry Tree, Pa.  
**CLYDE IRON WORKS**, Duluth, Minn.  
*See adv index at end of book*  
 Crawford & McCrimmon Co. (Wrought Cast Iron, Iron Spoke, Rope Sheaves Only), Brazil, Ind.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Davis F. M. Iron Works Co., Denver, Col.  
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.  
**DODGE SALES & ENGINEERING CO.** (Rope Drives), Mishawaka, Ind.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, O.  
 Garland M. Co., Bay City, Mich.  
 Great Western Mfg. Co., Leavenworth, Kan.  
 Gustafson Mfg. Co., Chattanooga, Tenn.  
 Hardie-Tynes Mfg. Co., Birmingham, Ala.  
 Helmick Foundry & Machine Co. (Chilled Curve Wire Rope Only), Fairmont, W. Va.  
**Hill Clutch Co.**, 1000 W 58th, Cleveland, O.  
 Howard Iron Works, Buffalo, N. Y.  
 Hunt C. W. Co. (Industrial), West New Brighton, N. Y.  
*See adv index at end of book*  
 Imperial Iron Works (Head Sheaves), Duluth, Minn.  
 Insley Mfg. Co. (12 & 14 inch Wire Only), 3500 E St. Clair, Indianapolis, Ind.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
 Jones & Laughlin Steel Co. (Power Transmission), Ross, Pittsburgh, Pa.  
 Lake Shore Engine Works (Bicycle Type, for Head Sheaves, Idlers, etc., up to 12 ft), Marquette, Mich.  
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
**Macomber & Whyte Rope Co.**, Racine av, Kenosha, Wis.  
 Marseilles Co., East Moline, Ill.

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
 Meese & Gottfried Co., 660 Mission, San Francisco, Cal.  
 Merriman Bros. (Roller & Self-Lubricating, 185 Armory, Boston, Mass.  
 Mobile Pulley & Machine Co., Mobile, Ala.  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Ottumwa Iron Works (For Mines, etc.), Ottumwa, Ia.  
 Poole Engng. & Machine Co., Woodberry sta, Baltimore, Md.  
 Pyott Co., 1401 W North av, Chicago, Ill.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Sanford-Day Iron Works, Knoxville, Tenn.  
 Scottdale Machine & Mfg. Co., Scottdale, Pa.  
 Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.  
 Stephens-Adamson Mfg. Co., Aurora, Ill.  
 Stine J. C. Co. (Gravity Plane), Tyrone, Pa.  
 Stine S. B. Osceola Mills, Pa.  
 Terry & Tench Co., 70 E 45th, New York  
 Vulcan Iron Works, Wilkes-Barre, Pa.  
 Walker Mfg. Co., Denver, Colo.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.  
 Wellman-Seaver-Morgan Co., Cleveland, O.  
 Western Block Co., Lockport, N. Y.  
 Wolf Co., Chambersburg, Pa.  
 Wood's T. B. Sons Co. (Manila Rope), Chambersburg, Pa.

### 13466—\*Sheaves with Graphite Bronze or Metaline Bronze

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.  
*See adv index at end of book*  
**CLYDE IRON WORKS**, Duluth, Minn.  
*See adv index at end of book*

### Sheaves (Wood Split)

*See Pulleys, Wood Split*

### 13467—Sheet Iron (Cold Rolled)

Reeves Mfg. Co., Dover, O.  
 Youngstown Sheet & Tube Co., Youngstown, Ohio

### 13467a—\*Sheet Iron Work

Jaubert & Goslin Machine & Foundry Co., Birmingham, Ala.  
 Muncie Boiler & Sheet Iron Works (Special), Muncie, Ind.

### 13468—Sheet Metal Borders & Friezes

Broschart & Braun, 601 W 130th, New York  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Frand M. J. & Co., Camden, N. J.  
 Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.  
 Goshen Cornice Works, Goshen, Ind.  
 Hergert Theo. E., 422 E 53rd, New York  
 Kelly Wm. J., 446 Adelphi, Brooklyn, N. Y.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Miller & Doing, 60 York, Brooklyn, N. Y.  
 Milwaukee Corrugating Co., Milwaukee, Wis.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
 Thoresen Wm., 1916 W North av, Chicago, Ill.

### 13469—Sheet Metal Goods Mfrs.

*See also Stamping, Sheet Metal*  
 Adjusto Specialty Co., Springfield, Mass.  
 Bossert Corporation, The, Utica, N. Y.  
*See adv index at end of book*  
**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass.  
*See adv index at end of book*  
 Carpenter L. A. Press Metal Co., Cambridge, Mass.  
 Clad V. & Sons, 16th & Callowhill, Phila., Pa.  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.

**EDWARDS MFG. CO.** (To Order), 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Gordon-Lawless Co., Omaha, Neb.  
 Goshen Cornice Works, Goshen, Ind.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Jenkinson R. C. & Co., 293 Washington, (By Automatic Machines), Newark, N. J.  
 Litterer Bros. Mfg. Co., 154 Whitney, Chicago, Ill.  
 Morse & Son Co., 1881 E 87th, Cleveland, Ohio  
 Special Machinery Co., Bridgeport, Conn.

### 13470—Sheet Metal Statuary

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Frand M. J. & Co., Camden, N. J.  
 Friedley-Voshardt Co., 733 S Halsted, Chicago, Ill.  
 Hergert Theo. E., 422 E 53d, New York  
 Miller & Doing, 60 York, Brooklyn, N. Y.  
 Mullins W. H. Co., 341 Franklin, Salem, O.  
 Porter Iron Rfg. & Corr. Co., 522 Culvert, Cincinnati, O.

### 13471—\*Sheet Metal Work

Bossert Corporation, The, Utica, N. Y.  
*See adv index at end of book*  
 Clad V. & Sons, 16th & Callowhill, Phila., Pa.  
 Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.  
 Goshen Cornice Works, Goshen, Ind.  
 Mahon R. C. Co., St. Aubin & E Grd blvd, Detroit, Mich.

### 13472—\*Sheet Metal & Strip Stock Straighteners & Cutters (Automatic)

**SHUSTER F. B. CO.**, Cedar Hills, New Haven, Conn. *See adv index at end of book*

### 13473—Sheet Metals (Plated)

American Nickeloid Co. (Nickelzinc, Nickel, Brasszinc, etc), Peru, Ill.  
 National Sheet Metal Co. (Nickel, Brass, Copper & Bronze, Tin & Zinc), Peru, Ill.

### 13474—Sheet (Platinum)

*See also Platinum*  
 Baker & Co., 54 Austin, Newark, N. J.

### Sheet Steel

*See Iron & Steel Sheet, also Steel Sheet Various Kinds*

### 13475—\*Sheeting (Flexible)

**du PONT E. I. de NEMOURS & CO.** (The Arlington Works), ("Pyralin" Transparent & Opaque—Colored or Colorless), 725-27 Broadway, New York

### 13476—Sheeting (Rubber)

Archer Rubber Co. ("Royal Archer"), Milford, Mass.  
 Athol Mfg. Co., Athol, Mass.  
 Atlantic Rubber Co., Atlantic, Mass.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Goodrich B. F. Co., Akron, O.  
 Hodgman Rubber Co., 8 W 40th, New York  
 International Rubber Co., 120 Broadway, New York  
 Mystic Rubber Co., West Medford, Mass.  
 National India Rubber Co., Bristol, R. I.  
 Parker, Stearns & Co. (Hospital, Nursery, etc), 286 Sheffield av, Brooklyn, N. Y.  
 Plymouth Rubber Co., Canton, Mass.  
 Rosenwald & Weil ("Imperial"), 1514 W Kinzie, Chicago, Ill.  
 Stern Specialty Co. ("Utility"), 40 E 22d, New York  
 Tyler Rubber Co. (Hospital, Nursery, etc), Andover, Mass.

### 13477-8-9—Sheetings (Cotton)

Abbeville Cotton Mill (36 & 40 inch, Brown), Abbeville, S. C.



Acushnet Mills Corp. (Bleached & Brown), New Bedford, Mass.  
 Aiken Mills (Wide & Narrow), Bath, S. C.  
 Alabama Cotton Mills (3.50 yds., 36 inch), Speigner, Ala.  
 Alice Mills (Convertible, 40 inch), Easley, S. C.  
 Alsbaugh Cotton Mills (Narrow), Taylorsville, N. C.  
 American Spinning Co., Greenville, S. C.  
 Anderson Cotton Mills (Narrow Brown), Anderson, S. C.  
 Androscoggin Mills, Lewiston, Me.  
 Anna Cotton Mills (Brown), Kings Mountain, N. C.  
 Anniston Mfg. Co. (32, 36 & 40 inch, Brown), Anniston, Ala.  
 Aragon Mills (5-4 to 12-4), Aragon, Ga.  
 Arcadia Mills (40 inch, Convertible), Spartanburg, S. C.  
 Arista Mills Co. (Narrow), Winston-Salem, N. C.  
 Arkwright Mills (Wide & Narrow), Fall River, Mass.  
 Ashcraft Cotton Mills (Wide & Narrow Brown), Florence, Ala.  
 Ashland Co. (Wide Light), Ashland, R. I.  
 Atlas Mfg. Co., Bessemer City, N. C.  
 Augusta Factory (27 to 40 inch), Augusta, Ga.  
 Aurora Cotton Mills Co. (Fine Brown Sheetings in All Widths), Aurora, Ill.  
 Avon Mills (Narrow), Gastonia, N. C.  
 Bamberg Cotton Mills Co. (36 inch 44 x 44 Pick 6.15 yds to lb & 40 inch, 44 x 44 Pick, 5.55 yds to lb), Bamberg, S. C.  
 Barker Cotton Mills (Narrow Brown), Mobile, Ala.  
 Beaumont Mfg. Co. (Convertible), Spartanburg, S. C.  
 Belton Mills (Brown), Belton, S. C.  
 Blackstone Mfg. Co., 50 S Main, Providence, R. I.  
 Bonham Cotton Mills (Wide & Narrow Light), Bonham, Tex.  
 Boott Mills, Lowell, Mass.  
 Brandon Mills (36 & 40 inch), Greenville, S. C.  
 Brazos Valley Cotton Mills (Wide & Narrow), West, Tex.  
 Buck Creek Cotton Mills, Siluria, Ala.  
 Cabarrus Cotton Mills, Concord, N. C.  
 Cabot Mfg. Co. (Narrow), Brunswick, Me.  
 Calhoun Mills (68 x 72 Pick, 39 inch, 4.75 yds to lb & 72 x 76 Pick, 39 inch, 4.25 yds to lb), Calhoun Falls, S. C.  
 Cannon Mfg. Co., Concord, N. C.  
 Cedar Falls Mfg. Co. (36 & 40 inch), Cedar Falls, N. C.  
 Central Mills Co. (36 to 52 inch), Southbridge, Mass.  
 Chadwick-Hoskins Co. (Wide & Narrow), Charlotte, N. C.  
 Chesnee Mills, Chesnee S. C.  
 Chicopee Mfg. Corp., Chicopee Falls, Mass.  
 Chiquola Mfg. Co. (30 & 40 inch, Convertible), Honeapath, S. C.  
 Clifton Mfg. Co. (28, 30, 36 & 40 inch), Clifton, S. C.  
 Clinton Mfg. Co. (Narrow), Woonsocket, R. I.  
 Columbia Cotton Mill Co. (3½ & 4 yds to lb), Columbia, Tenn.  
 Columbia Mfg. Co. (4-4, 46 inch, Brown), Ramseur, N. C.  
 Columbus Mfg. Co. (Brown, 4 yds to lb), Columbus, Ga.  
 Conanicut Mills (Wide), Fall River, Mass.  
 Conastee Mills (Narrow), Greenville, S. C.  
 Continental Mills (36, 40, 42 & 45 inch Brown), Lewiston, Me.  
 Converse D. E. Co., Glendale, S. C.  
 Corsicana Cotton Mills, Corsicana, Tex.  
 Courtney Mfg. Co. (40 inch, Convertible), Newry, S. C.  
 Cowpens Mfg. Co. (36 & 40 inch, Brown), Cowpens, S. C.  
 Dallas Mfg. Co. (36 to 108 inch, Brown & Bleached), Huntsville, Ala.  
 Davol Mills (Fine), Fall River, Mass.  
 Denison Cotton Mill Co. (Wide & Narrow), Denison, Tex.  
 Dilling Cotton Mills (38½ & 39 inch, Brown), Kings Mountain, N. C.  
 Dixie Cotton Mills (40 & 50 inch), La Grange, Ga.  
 Dunson Mills (Wide & Narrow), La Grange, Ga.  
 Durfee Mills (30, 36, 40 & 44 inch), Fall River, Mass.  
 Dwight Mfg. Co. (30, 36 & 40 inch), Exchange bldg, Boston, Mass.  
 Eagle Cotton Mills Co. (36 & 40 inch, Brown), Madison, Ind.  
 Easley Cotton Mills (Export), Easley, S. C.

Eastman Cotton Mills (Brown, 40 inch Wide, 40 to 48, 2.85 yds to lb), Eastman, Ga.  
 Echota Cotton Mills (3.60 yds. 60x56, 40 & 44 inch), Calhoun, Ga.  
 Edna Cotton Mills (40 & 46 inch), Reidsville, N. C.  
 Edwards Mfg. Co. (Wide & Narrow, Light), Augusta, Me.  
 Ella Mfg. Co. (38½ inch, 64 x 60 Pick, 5.35 yds to lb), Shelby, N. C.  
 Enoree Mills (Wide & Narrow), Greenville, S. C.  
 Enterprise Mfg. Co. (Wide & Narrow, Brown), Augusta, Ga.  
 Erwin Cotton Mills Co. (Wide), West Durham, N. C.  
 Eureka Cotton Mills (Wide), Lancaster, S. C.  
 Exeter Mfg. Co. (40 inch), Exeter, N. H.  
 Exposition Cotton Mills, Atlanta, Ga.  
 Farnum John & Co., 235 Chestnut, Phila., Pa.  
 Farwell Mills, Lisbon, Me.  
 Fitzgerald Cotton Mills, Fitzgerald, Ga.  
 Flint River Cotton Mills (38 1-2 inch, 64x60, 3.35 yds), Albany, Ga.  
 Florence Mills, Forest City, N. C.  
 Franklin Mills (4 & 5 yds to lb), Greenville, S. C.  
 Fulton Bag & Cotton Mills (Light), Atlanta, Ga.  
 Gaffney Mfg. Co. (Wide & Narrow), Gaffney, S. C.  
 Gaston Mfg. Co. (39 inch, Fine), Cherryville, N. C.  
 Gastonia Cotton Mfg. Co. (Fine Brown), Gastonia, N. C.  
 Glenola Cotton Mills (40 inch), Eufaula, Ala.  
 Golden Belt Mfg. Co., Durham, N. C.  
 Gonzales Cotton Mill Co. (36 inch), Gonzales, Tex.  
 Graniteville Mfg. Co. (Brown), Augusta, Ga.  
 Great Falls Mfg. Co., Somersworth, N. H.  
 Greenwood Cotton Mills (Fine, 40 inch), Greenwood, S. C.  
 Grendel Mills (Wide), Greenwood, S. C.  
 Griswoldville Mfg. Co., Griswoldville, Mass.  
 Grosvenor Dale Co., Grosvenor bldg, Providence, R. I.  
 Gaudalupe Valley Cotton Mills (36 & 40 inch), Cuero, Tex.  
 Hamilton Mfg. Co. (Narrow), Lowell, Mass.  
 Hamrick Mills (38½ inch, 64 x 60 Pick, 5.35 yds to lb), Gaffney, S. C.  
 Harmony Grove Mills (60 inch, Brown), Commerce, Ga.  
 Harmony Mills, Cohoes, N. Y.  
 Hartwell Mills (36 & 40 inch, Fine), Hartwell, Ga.  
 Hebron Mfg. Co. ("Fruit of the Loom"), 21 So Main, Providence, R. I.  
 Henderson Cotton Mills (36 inch, Brown), Henderson, Ky.  
 Henderson Cotton Mills (40 inch, Brown), Henderson, N. C.  
 Henrietta Mills (2.85 to 6 yds to lb, 64 to 84 Pick, 30 to 40 inch), Caroleen, N. C.  
 Hermitage Cotton Mills, Camden, S. C.  
 High Shoals Co. (36 to 40 inch), Charlotte, N. C.  
 High Shoals Mfg. Co. (Wide & Narrow), High Shoals, Ga.  
 Hill Mfg. Co. (40 & 48 inch), Lewiston, Me.  
 Home Cotton Mills (All Consumed by Co.), 2d & Barton, St. Louis, Mo.  
 Hope Co. (36 inch Bleached), Hope, R. I.  
 Humbolt Cotton Mills (Wide & Narrow), Humbolt, Tenn.  
 Imperial Cotton Mills, Eatonton, Ga.  
 Indian Head Mills of Ala. (36 & 40 inch), Cordova, Ala.  
 Indianapolis Bleaching Co. (Brown, for Bags), Indianapolis, Ind.  
 Inman Mills (Wide, 72 x 76 Pick, 4.25 yds. to lb.), Inman, S. C.  
 Inverness Mills Co., Winston-Salem, N. C.  
 Itasca Cotton Mfg. Co. (36 inch), Itasca, Tex.  
 Jackson Co., Nashua, N. H.  
 Jackson Mills (36 inch, 3, 4 & 4½ yds. to lb.), Iva, S. C.  
 Kesler Mfg. Co. (Wide), Salisbury, N. C.  
 King John P. Mfg. Co. (Standard & Fine), Augusta, Ga.  
 Lafayette Cotton Mills, Lafayette, Ga.  
 Lancaster Cotton Mills (40 inch), Lancaster, S. C.  
 Lanett Cotton Mills (Wide), West Point, Ga.

Laurel Cotton Mills (Narrow), Laurel, Miss.  
 Limestone Mills (39 inch, 68 x 72 Pick, 4.75 yds. to lb.), Gaffney, S. C.  
 Lincoln Cotton Mills Co. (30, 36, 40 & 90 inches Wide), Evansville, Ind.  
 Little Androscoggin Water Power Co., Auburn, Me.  
 Lockhart Mills (36 & 40 inch, Brown), Lockhart, S. C.  
 Lockwood Co. (36 to 108 inch), Waterville, Me.  
 Lonsdale Co. (Fine Bleached), Lonsdale, R. I.  
 Loray Mills (Coarse, Heavy), Gastonia, N. C.  
 Lydia Cotton Mills, Clinton, S. C.  
 Lyman Mills, Holyoke, Mass.  
 Lynchburg Cotton Mills (Wide & Narrow), Lynchburg, Va.  
 Magnolia Cotton Mills (Up to 40 inch), Magnolia, Miss.  
 Manchester Cotton Mills (Wide), La Grange, Ga.  
 Manderville Mills (39 inch, 68 x 72, 4½ yds.), Carrollton, Ga.  
 Manville Co. Board of Trade bldg, Providence, R. I.  
 Maplecroft Mills (40 inch, 72 x 68 Pick, 6 yds. to lb.), Liberty, S. C.  
 Martinsville Cotton Mills Co. (39 inch, 72 x 76 Pick, 4.25 yds. to lb.), Martinsville, Va.  
 Mary Leila Cotton Mill (36 inch, 52 x 46, 4.50 yds. to lb., 48-40, 5.50 yds. to lb. & 48 x 48, 5 yds. to lb.), Greensboro, Ga.  
 Millville Mfg. Co., 626 Chestnut, Phila., Pa.  
 Modena Cotton Mills (40 inch), Gastonia, N. C.  
 Mollohon Mfg. Co. (Wide), Newberry, S. C.  
 Monadnock Mills (Wide & Narrow), Claremont, N. H.  
 Monaghan Mills (40 & 60 inch for Oil & Shade Cloth, etc), Greenville, S. C.  
 Monarch Cotton Mills (Convertible), Union, S. C.  
 Monroe Cotton Mills (36 & 40 inch, 60 x 56, 4 yds. to lb. & 48 x 52, 4.50 yds. to lb.), Monroe, Ga.  
 Montala Mfg. Co. (36 & 40 inch), Montgomery, Ala.  
 Monticello Cotton Mills (Wide & Narrow), Monticello, Ark.  
 Mooresville Cotton Mills, Mooresville, N. C.  
 Moultrie Cotton Mills (Wide & Narrow, 3½ to 6 yds. to lb.), Moultrie, Ga.  
 Naumkeag Steam Cotton Co. (Wide), Salem, Mass.  
 Newberry Cotton Mills (30 & 40 inch, Brown), Newberry, S. C.  
 Newmarket Mfg. Co., Newmarket, N. H.  
 Nightingale-Morse Mills (Wide), Putnam, Conn.  
 Ninety-Six Cotton Mill (36 & 40 inch, Convertible), Ninety-Six, S. C.  
 Nixon Mfg. Co. (4 & 5 yd. Sheetings, 36 in. Wide), Augusta, Ga.  
 Norris Cotton Mills Co. (68 x 72 Pick, 39 inch, 4.75 yds. to lb.), Catechee, S. C.  
 Nottingham Mill (40 inch), 314 Dyer, Providence, R. I.  
 Oconee Mills Co. (30 & 37 inch), Westminster, S. C.  
 Orangeburg Mfg. Co. (36 inch, Brown), Orangeburg, S. C.  
 Orr Cotton Mills (30, 36 & 40 inch), Anderson, S. C.  
 Osage Mfg. Co. (38 inch, 64 x 50, 5.35 yds. to lb.), Bessemer City, N. C.  
 Pacolet Mfg. Co. (36 inch, 48 x 48 Standard Brown), Spartanburg, S. C.  
 Patterson Mfg. Co. (36 to 52 inch, Brown), China Grove, N. C.  
 Pearl Cotton Mills (Wide), East Durham, N. C.  
 Pelzer Mfg. Co. (Brown), Pelzer, S. C.  
 Pepperell Mfg. Co., Biddeford, Me.  
 Pickens Mills (56 x 60 Pick, 4 yds. to lb., Convertible), Pickens, S. C.  
 Piedmont Mfg. Co. (30 to 40 inch), Piedmont, S. C.  
 Pocasset Mfg. Co., Fall River, Mass.  
 Poe F. W. Mfg. Co. (40 inch, Convertible), Greenville, S. C.  
 Poulan Cotton Mills (40 inch, 4 yds. to lb.), Poulan, Ga.  
 Putnam Mfg. Co., Putnam, Conn.  
 Quidnick-Windham Mfg. Co., Willimantic, Conn.  
 Quinebaug Co. (36 to 40 inch), Danielson, Conn.  
 Randolph Mfg. Co., Franklinville, N. C.



Rhodes Mfg. Co. (Heavy, Wide), Lincoln, N. C.  
 Rhodhiss Mfg. Co. (Wide & Narrow), Rhodhiss, N. C.  
 Riverside & Dan River Cotton Mills (Wide, Bleached & Brown), Danville, Va.  
 Roswell Mfg. Co. (Wide & Narrow), Roswell, Ga.  
 Royal Mills (Wide & Narrow), Charleston, S. C.  
 Royall Cotton Mills (28½ inch), Wake Forest, N. C.  
 Sanford Cotton Mills (36 inch, 4 yds. to lb.), Sanford, N. C.  
 Saunders Cotton Mills (40 inch), Saundersville, Mass.  
 Scottdale Mills (36 & 40 inch, Brown), Scottdale, Ga.  
 Seminole Mfg. Co. (Wide), Clearwater, S. C.  
 Seneca Cotton & Warehouse Co. (39 inch, 72 x 76 Pick, 4.25 yds. to lb.), Seneca, S. C.  
 Shelby Cotton Mills (38½ inch, 64 x 56 Pick, 5½ yds. to lb.), Shelby, N. C.  
 Sibley Mfg. Co. (Wide & Narrow, Brown), Augusta, Ga.  
 Slater Mfg. Co. (Wide & Narrow), Pawtucket, R. I.  
 Smith J. E. Cotton Mfg. Co. (Wide & Narrow), Thomson, Ga.  
 Spartan Mills (Wide & Narrow), Spartanburg, S. C.  
 Stark Mills, Manchester, N. H.  
 Stonewall Cotton Mills (32 & 36 inch Heavy & Fine Brown Sheetings), Stonewall, Miss.  
 Strickland Cotton Mills (Wide, 4 & 6 yds. to lb.), Valdosta, Ga.  
 Sylvan Cotton Mills (36 & 40 inch), Shelbyville, Tenn.  
 Thomaston Cotton Mills (Wide & Narrow, 4 & 4½ yds. to lb.), Thomaston, Ga.  
 Tipton Cotton Mills (38½ inch, 64 x 60 Pick, 5.35 yds. to lb.), Covington, Tenn.  
 Toccoa Cotton Mills (36 inch, 44 & 36, 4.50 yds. to lb. & 40 inch, 44 x 40, 4.25 yds. to lb.), Toccoa, Ga.  
 Tombigbee Cotton Mills (Wide & Narrow), Columbus, Miss.  
 Tremont & Suffolk Mills, Lowell, Mass.  
 Trion Co. (7-8 & 4-4 Brown & Fine Sheetings), Trion, Ga.  
 Turners Falls Cotton Mills, Turners Falls, Mass.  
 Tuscaloosa Mills, Tuscaloosa, Ala.  
 Union Buffalo Mills Co. (Wide & Narrow), Union, S. C.  
 Union Cotton Mills (36 inch, 4 to 4.50 yds. to lb. & 40 inch, 3.60 yds. to lb.), Lafayette, Ga.  
 Utica Steam & Mohawk Valley Cotton Mills, Utica, N. Y.  
 Utica Willowvale Bleaching Co. (Up to 108 inches Wide), Chadwicks, N. Y.  
 Uxbridge Cotton Mills (40 inch), North Uxbridge, Mass.  
 Virginia Consolidated Milling Co. (Wide & Narrow), Petersburg, Va.  
 Walterboro Cotton Mills (36 & 38½ inches, 64 x 64 Pick), Walterboro, S. C.  
 Walton Cotton Mill Co. (36 & 40 inch, Heavy), Monroe, Ga.  
 Wamsutta Mills, New Bedford, Mass.  
 Ware Shoals Mfg. Co., Ware Shoals, S. C.  
 Warren Mfg. Co., Warren, R. I.  
 Washington Mills (Wide & Narrow), Mayodan, N. C.  
 Watts Mfg. Co. (36 inch, Brown), Lilledoun, N. C.  
 Watts Mills (Narrow, Medium & Wide), Laurens, S. C.  
 Wennonah Cotton Mills (30 to 40 inch), Lexington, N. C.  
 Whitney Mfg. Co. (36 & 40 inch), Whitney, S. C.  
 Winona Cotton Mills, Winona, Miss.

### Sheets (Aluminum)

See Aluminum Sheets & Rods

### 13480—\*Sheets (Cotton Pick)

Atlanta Tent & Awning Co., Atlanta, Ga.

### Sheets (Fibre)

See Fibre, Hard

### 13481—Sheets (German Silver)

**AMERICAN BRASS CO.**, Waterbury, Conn.

For branch offices see adv index at end of book

Benson H. K. & F. S., Glen Ridge, N. J.

Besly Chas. H. & Co. (Jobbers), 120-H N Clinton, Chicago, Ill.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Bristol Brass Co., Bristol, Conn.  
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
 Electrical Alloy Co., Morristown, N. J.  
 Hungerford U. T. Brass & Copper Co. (Sheets or Rolls), 80 Lafayette, New York  
 Merchant & Evans Co. (Sheets & Rolls), 2035 Washington av., Phila., Pa.  
 See adv index at end of book  
 Pilling Brass Co. (Thin Gauges for Platers, etc.), Waterbury, Conn.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Riverside Metal Co., Riverside, N. J.  
**SCOVILL MFG. CO.**, Waterbury, Conn.  
 See adv index at end of book  
 Seymour Mfg. Co., Seymour, Conn.  
 Shimer, McGlynn & Co., 19th & Washington av., Phila., Pa.  
 Stamford Rolling Mills Co., Springdale, Conn.  
 Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York, and 43 N 7th, Phila., Pa.  
 See adv index at end of book  
 Waterbury Rolling Mills, Waterbury, Conn.  
 Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.  
 See adv index at end of book

### 13482—Sheets (Manganese Bronze)

American Manganese Bronze Co. ("Spare's" Rolled Sheets), 3501 Rhawn, Phila., Pa.  
 Cramp Wm. & Sons Ship & Engine Building Co. ("Parson's" Rolled Sheets), Phila., Pa.

### 13483—Sheets (Manganese Steel)

Alloy Steel Forging Co., Carnegie, Pa.  
 Manganese Steel Rail Co., 30 Church, New York

### 13484—Sheets (Monel Metal)

Bayonne Casting Co., Bayonne, N. J.  
 Driver-Harris Co., Harrison, N. J.  
**SUPPLEE-BIDDLE HARDWARE CO.**, 5th & Commerce, Phila., Pa.  
 See adv index at end of book

### 13485— Sheets (Nickel)

Boker H. & Co., 101 Duane, New York  
 Driver-Harris Co. (Pure Malleable), Harrison, N. J.

### 13485a—\*Sheets (Steel & Iron)

**YOUNGSTOWN SHEET & TUBE CO.** (Black, Galvanized, Painted, Plain & Corrugated), Youngstown, O.

### 13486—Sheets (Tobin Bronze)

**AMERICAN BRASS CO.**, Waterbury, Conn.

For branch offices see adv index at end of book

### 13487—Sheets (Toncan Metal)

Stark Rolling Mill Co. (Black & Galvanized Toncan Metal Rust-Resisting Sheets), Canton, O.

### 13488—Sheets (White Metal)

Seymour Mfg. Co. (Special White Metal Polished Wide & Leveled), Seymour, Conn.

### 13489—Sheets (Yellow Metal)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
 For branch offices see adv index at end of book

### 13490— Shellac

Androvette & Townsend (Shellac Gum) (Imp.), 235 Water, New York  
 Apothecaries Hall Co., Waterbury, Conn.  
 Barrett M. L. & Co. (Gums, Orange & White), 233 W Lake, Chicago, Ill.  
 Behlen H. & Bro., 371 Pearl, New York  
 Berry Bros. (Bleached), Detroit, Mich.  
 Carleton E. Everett & Co. (Imp. Orange), 133 Front, New York  
 Day James B. & Co., 214 W Ohio, Chicago, Ill.  
 Devoe & Reynolds Co., Inc. (Imp. for Brewers, etc.), 101 Fulton, New York  
 Downing R. F. & Co., 45 Pearl, New York

Fales W. H. Co. (Varnish), 62 Maiden la, New York  
 Feigel M. & Bro. (Bleached, Varnish, etc), 185 Wooster, New York  
**FOX M. EWING CO.** (Varnish & Gum), 241 E 136th, New York  
 See adv index at end of book  
 Gilman Paint & Varnish Co., Chattanooga, Tenn.  
 Glidden Varnish Co. (Hard Oil, etc.), 1755 W Madison, Cleveland, O.  
 Kasebier-Chatfield Shellac Co. (Kiln Dried Bleached & Refined, also Imp. Orange), 175 Pearl, New York  
 Lancaster Paint & Glass Co., Lancaster, Pa.  
 MacLac Co. (Bleached & Refined), 30 Burling, New York  
 McKesson & Robbins (Gums, Imp.), 91 Fulton, New York  
 Marx & Rawolle (Orange Bleached & Varnishes), 100 William, New York  
 Murphy Varnish Co., McWhorter, Newark, N. J.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
 See adv index at end of book  
 Peabody Henry W. & Co. (Imported), 17 State, New York  
 Ralli Bros. (Imp.), 11 William, New York  
 Rogers Pyatt Shellac Co. (Orange & Bleached), 81 Water, New York  
 Scheel Wm. H. (Imported), 159 Maiden la, New York  
 Standard Varnish Works ("Kleartone"), 2589 Richmond ter., Elm Park, N. Y.  
 Tappenbeck W. (Imp.), 106 Wall, New York  
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.  
 United Varnish Co., 300 Hancock, Long Island City, New York  
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
 Whittemore-Wright Co. (Gum, Orange, Garnet & Bleached), Charlestown, Boston, Mass.  
 Zinsser Wm. & Co. (Orange, Imp.), 195 William, New York

### 13491— Shellac Substitutes

Scheel Wm. H. (Imported), 159 Maiden la, New York  
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.

### 13492— Shellers (Corn)

American Bell & Foundry Co., Northville, Mich.  
 American Seeding Machine Co., Richmond, Ind.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Appleton Mfg. Co. ("New Hero" Force Feed & "Royal" "Badger"), Batavia, Ill.  
 Barnard & Leas Mfg. Co. ("Victor"), Moline, Ill.  
**BARTLETT C. O. & SNOW CO.**, French, Cleveland, O.  
 See adv index at end of book  
 Bayley Wm Co., Springfield, O.  
 Belcher & Taylor Ag'l Tool Co., Chicopee Falls, Mass.  
 Blymyer Iron Works Co. (Hand & Power), Cincinnati, O.  
 Brinly Hardy Co. ("Red Chief"), Louisville, Ky.  
 Bristol & Gale Co., 158 Carroll av., Chicago, Ill.  
 Buch's A. Sons Co. ("Buch's"), Elizabethtown, Pa.  
 Cardwell Machine Co., 1900 E Cary, Richmond, Va.  
 Challenge Co., Batavia, Ill.  
 Conner J. W. & Son, Orangeville, Pa.  
 Donaldson Bros. (Hand), Mount Clemens, Mich.  
 Eagle Machine Co., Lancaster, O.  
 Ellis Keystone Agricultural Works ("Canon" Sheller & Cleaner, with Bagger, etc; also "Pottstown" & Double Sheller), Pottstown, Pa.  
 Emerson - Brantingham Co. ("Reeves" Cylinder), Rockford, Ill.  
 Fairbanks, Morse & Co., 900 S Wabash av., Chicago, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.  
 Freeman Mfg. Co. (Hand & Power), Dept. O., Racine, Wis.  
 Gehl Bros. Mfg. Co., West Bend, Wis.  
 Genesee Valley Mfg. Co. (Hand & Power), Mount Morris, N. Y.  
 Gray Iron Casting Co. (Hand), Springfield, Ohio



**Great Western Mfg. Co.,** Leavenworth, Kan.  
**Halsh Jacob Co.,** De Kalb, Ill.  
**Harriman Mfg. Co.,** Harriman, Tenn.  
**Harrison W. R. & Co.,** Massillon, O.  
**Hench & Dromgold Co. (Hand & Power),** York, Pa.  
**Hobson & Co.,** Easton, Pa.  
**Hocking Valley Mfg. Co. (Hand & Power),** Lancaster, O.  
**Howell R. R. & Co.,** 31st av, Minneapolis, Minn.  
**Howes S. Co.,** Silver Creek, N. Y.  
**Humphrey & Sons,** Joliet, Ill.  
**Huntley Mfg. Co. ("Monitor"),** Silver Creek, N. Y.  
**Joliet Mfg. Co. (Power),** Joliet, Ill.  
**Keystone Farm Machine Co.,** York, Pa.  
**King & Hamilton Co.,** Ottawa, Ill.  
**Lehr Agricultural Co.,** Fremont, O.  
**Loetscher-Ryan Mfg. Co. ("Star"),** Dubuque, Ia.  
**Luthy & Co.,** Peoria, Ill.  
**McGrath Robert Foundry & Machine Wks.,** Lafayette, Ind.  
**Mann F. W. Co. (Ball Bearing),** Milford, Mass.  
**Marseilles Co. ("Cyclone" Spring, "New Marseilles" Cylinders, Power & Hand),** E Moline, Ill.  
**Messinger Mfg. Co. (Power & Hand),** Tatamy, Pa.  
**Minneapolis Threshing Machine Co. (Power),** 226 N 2d, Minneapolis, Minn.  
**Moore Flow & Implement Co.,** Greenville, Mich.  
**Mountville Mfg. Co. ("Hero"),** Mountville, Pa.  
**New Winona Mfg. Co.,** Winona, Minn.  
**Nordyke & Marmon Co. (Hand & Power),** 1290 Kentucky av, Indianapolis, Ind.  
**Ohio Rake Co. (Hand),** Dayton, O.  
**Patch A. H. ("Black Hawk," Hand),** Clarksville, Tenn.  
**Peppler Thomas Son & Co.,** Hightstown, N. J.  
**Port Huron Engine & Thresher Co. (Power Shellers),** Port Huron, Mich.  
**Pratt Wm. E. Mfg. Co.,** 35 W Lake, Chicago, Ill.  
**Red Chief Mfg. Co.,** Louisville, Ky.  
**Rock Island Mfg. Co.,** Rock Island, Ill.  
**Root-Heath Mfg. Co. ("Little Giant," "Neverfail," "R. & H." Hand),** Plymouth, O.  
**Rumely M. Co. ("Advance" Power),** La Porte, Ind.  
**Sandwich Mfg. Co.,** Sandwich, Ill.  
**Smalley Mfg. Co.,** Manitowoc, Wis.  
**Smith, Philip Mfg. Co. (Power),** Sidney, O.  
**Sprout, Waldron & Co. ("Monarch"),** Muncy, Pa.  
**Star Heel Plate Co. ("Ever-Ready"),** Hamburg pl, Newark, N. J.  
**Star Mfg. Co. (Huskers & Shellers Combined),** Carpentersville, Ill.  
**Tiffin Wagon Co.,** Tiffin, O.  
**Union Iron Works (Inc.) ("Western" Power),** Decatur, Ill.  
**U. S. Wind Engine & Pump Co.,** Batavia, Ill.  
**Watts Mfg. Co. ("Watts," Power),** Jackson, Mich.  
**Whitaker Mfg. Co.,** 409 S Green, Chicago, Ill.  
**White's S. R. Sons (Inc.),** Norfolk, Va.  
**Whitehurst R. W. Mfg. Corp.,** Norfolk, Va.  
**Whitman Agricultural Co. ("King," "Derby," "Queen," "Mississippi Valley," Hand & Power),** 7000 S B'way, St. Louis, Mo.  
**Wolf Co.,** Chambersburg, Pa.

### Shellers Nut

See Nut Crackers & Picks

### 13493— Shells (Condenser)

**Continental Iron Works, West & Calyer,** Brooklyn, N. Y.

### 13494— Shells (Core)

**Imperial Iron Works (For Diamond Drills),** Duluth, Minn.

### 13495-6—Shells (Disinfector)

**Quaker City Iron Works (Of Heavy Plate Steel, Jacketed & Stay Bolted),** Tioga & Edgemont, Phila., Pa.

### 13497— Shells (Fuse)

**Daum A. F. Electric Fuse Co. ("Daum's" Refillable Cartridge),** 1157 **Hodgkiss,** Pittsburgh, Pa.

### 13498— Shells (Hot Air Furnace Steel)

**Buckeye Boiler Co.,** Dayton, O.

### Shells (Loaded)

See Ammunition

### Shells (Ordnance)

See Shells, Seamless Steel; also Projectiles, Steel

### 13499— Shells (Pearl)

**Isenstein Otto & Co. (Imp),** 10 Hubert, New York

### 13499a— \*Shells (Push Button)

**CAHILL M. F.,** 710 E 2d, Boston, Mass.  
 See adv index at end of book

### 13500— Shells (Roll)

**American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel),** 332 S Michigan av, Chicago, Ill.  
**Railway Steel Spring Co.,** 30 Church, New York  
**Standard Steel Works Co. ("Standard" Solid Weldless),** Morris bldg, Phila., Pa.

### 13501— Shells (Rolled Chrome Steel)

**Chrome Steel Works, Chrome, N. J.**

### 13502—Shells (Seamless Steel)

**Bethlehem Steel Co.,** S Bethlehem, Pa.  
**BOSTON PRESSED METAL CO. (& Brass),** 169 Union, Worcester, Mass.  
 See adv index at end of book  
**Columbiana Boiler Co.,** Columbiana, O.  
**Pressed Steel Tank Co.,** Milwaukee, Wis.  
**Worcester Pressed Steel Co.,** Worcester, Mass.

### Shells (Shot Gun)

See Ammunition

### 13503—Shells (Straight & Taper Bore)

**Railway Steel Spring Co. (Wireless Forged & Rolled Steel),** 30 Church, New York

### 13504— Shells (Wooden)

**Martin Adolph (Est. of),** Passaic, N. J.

### 13505—Shelves (Expansion Tank)

**Tyler Fred A. ("Quickest"),** Albany, N. Y.

### 13506— Shelves (Glass)

See also Bath Room Fixtures & Furnishings

**Falconer Mirror Co.,** Falconer, N. Y.  
**Gallagher P. J.,** 24 New Chambers, New York  
**Newman Mfg. Co.,** 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. See adv index at end of book  
**Novelty Mfg. Co.,** Waterbury, Conn.  
**Standard Plate Glass Co.,** 30 Sudbury, Boston, Mass.  
**Stephenson C. H. ("Stephenson"),** Lynn, Mass.

### 13506a— Shelves (Refrigerator)

**American Mfg. Co.,** Chattanooga, Tenn.

### 13507—Shelves (Stove Pipe)

**Parker Wire Goods Co. (Wire),** Worcester, Mass.

### 13508—\*Shelving (Adjustable, for Libraries, Etc.)

**SNEAD & CO. IRON WORKS (INC.),** 98 Pine, Jersey City, N. J.  
 See adv index at end of book

### 13509—Shelving (Glass Front, Sectional)

**Grand Rapids Show Case Co. (Store),** Grand Rapids, Mich.  
**Slane O. W. Glass Co.,** York, Pa.  
**Standard Plate Glass Co.,** 30 Sudbury, Boston, Mass.  
**Warren J. D. Mfg. Co.,** Masonic Temple, Chicago, Ill.

### 13510—\*Shelving (Newspaper)

**Medart Fred. Mfg. Co.,** De Kalb & Potosi, St. Louis, Mo.  
 See adv index at end of book  
**SNEAD & CO. IRON WORKS (INC.),** Steel), 98 Pine, Jersey City, N. J.  
 See adv index at end of book

### Shelving (Shop)

See Shelving, Steel

### 13511— Shelving (Steel)

**Allsteelequip Co. (Adjustable for all Purposes),** Aurora, Ill.  
**Arnold S. G. ("Guttman's" Sectional Shop or Stock),** 2619 W Van Buren, Chicago, Ill.  
**Art Metal Construction Co.,** Jamestown, N. Y.  
**Berger Mfg. Co. (Plain & Roller),** Main Office & Works: Canton, O.  
**Bernstein Mfg. Co.,** 3rd & Westmoreland, Phila., Pa.  
**BIGGS BOILER WORKS CO.,** Case av & Williams, Akron, O.  
 See adv index at end of book  
**Clark W. J. Co.,** Salem, O.  
**Cleveland Metalcraft Co.,** Cleveland, O.  
**Cleveland Wire Spring Co. (Shop),** Cleveland, O.  
**Crown Metal Construction Co.,** Jamestown, N. Y.  
**Darby Edw. & Sons Co. ("Pen-Dar," Adjustable),** 239 Arch, Phila., Pa.  
**Dexter Metal Mfg. Co. ("Universal," "Mer-ritt," for Vault, etc),** 93 Arch, Camden, N. J.  
**Durand Steel Locker Co. (For Vaults & Shops, etc),** 1435 Ft. Dearborn Bk. bldg, Chicago, Ill., & 935 Vanderbilt bldg, New York  
**EDWARDS MFG. CO.,** 545-565 Eggleston av, Cincinnati, O.  
 See adv index at end of book  
**Edwards O. M. Co.,** Syracuse, N. Y.  
**Fire-Proof Furniture & Construction Co.,** Miamisburg, O.  
**Fouts C. Co.,** 650 Woodlawn av, Middletown, O.  
**General Fireproofing Co. (Store, Shop & Office),** Youngstown, O.  
**Globe-Wernicke Co. (Sectional),** 25 Carthage av, Cincinnati, O.  
**HART & HUTCHINSON CO. ("H. & H."),** Dept. C, New Britain, Conn.  
**Heller W. C. & Co. (Hardware),** Montpelier, Ohio  
**Jefferies Richard W. Co. (Pressed Steel),** Camden, N. J.  
**Kalamazoo Sheet Metal Mfg. Co.,** Kalamazoo, Mich.  
**Keyless Lock Co.,** Indianapolis, Ind.  
**Kilbourne & Jacobs Mfg. Co.,** Columbus, O.  
**Lothrop Mfg. Co.,** 15 W Kinzie, Chicago, Ill.  
**Lyon Metallic Mfg. Co. ("Lyon," Adjustable or Stationary, for All Purposes),** Aurora, Ill.  
**Manufacturing Equipment & Engineering Co. ("Meeco"),** 136 Federal, Boston, Mass. Works: Framingham, Mass.

## Steel Shelving for all purposes Steel Lockers

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**ST. LOUIS, MO.**

When writing to firms listed  
 in this book please mention  
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**COMMERCIAL RECISTER**



National Scale Co. (Multi-Unit Sectional), 11 Hendricks, Chicopee Falls, Mass.  
New Britain Machine Co., ("New Britain," also Cast Iron), 190 Chestnut, New Britain, Conn.

**OHIO MFG. CO.**, P. O. Box 358, Painesville, O. *See adv index at end of book*

**SNEAD & CO. IRON WORKS (INC.)**, 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

Standard Steel Shelving Co., 142 Pearl, Boston, Mass.

Steel Fixture Mfg. Co. (Vault, etc), Topeka, Kans.

Terrell's Equipment Co. (With or Without Doors), Broadway, Grand Rapids, Mich.

Van Dorn Iron Works Co. (Steel Roller Book Shelves), 2700 E 79th, Cleveland, O.

Watson Mfg. Co., Jamestown, N. Y.

Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

### 13512—\*Shelving (Warehouse)

Medart Fred. Mfg. Co., De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*

**SNEAD & CO. IRON WORKS (INC.)**, 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

### 13513-4— Sherardizing

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Globe Machine & Stamping Co. (Dry Galvanizing), 1250 W 76th, Cleveland, O.

Hunt Metal Corner Co., Westboro, Mass.

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

**MOHEGAN TUBE CO.**, Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

New Castle Steel & Iron Co., Pittsburgh, Pa.

New Haven Sherardizing Co., New Haven, Conn.

Ohio Sherardizing Co., Whitney Power blk, Cleveland, O.

Sherardizing Co., 318 S Canal, Chicago, Ill.

**STANLEY WORKS**, New Britain, Conn.  
*See adv index at end of book*

Steel City Electric Co., 1207 Columbus av, Pittsburgh, Pa.

Wrought Washer Mfg. Co., Milwaukee, Wis.

### 13515— Shields (Buckle)

Frazer & Jones Co., Syracuse, N. Y.  
North & Judd Mfg. Co. ("Mossman," & "Royal" Flexible), New Britain, Conn.

### 13516— Shields (Dress)

Beyerle J. J. Mfg. Co. ("Puritan"), 81 S 5th, Brooklyn, N. Y.

Mystic Rubber Co., West Medford, Mass.

### 13517— Shields (Erasing, for Draughtsmen)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

### Shields (Eye, Goggles)

*See Goggles & Eye Protectors*

### 13518—Shields (Furnace Port)

American Welding Co., Carbondale, Pa.

### Shields (Gear)

*See Gear Cases*

### 13519— Shields (Lamp Eye)

Bay State Optical Co. (Mica, for Working Over Fires), Attleboro, Mass.

### 13520— Shields (Linemen's)

Lineman Protector Co. ("Marshall's," also Shoes & Cross Arm Protectors), Penobscot bldg, Detroit, Mich.

### 13521—Shields (Water Closet)

*See Gear Cases*

Brown Hoisting Machinery Co. ("Brown" Sanitary), 4403 St. Clair N E, Cleveland, O. *See adv index at end of book*

### 13522—Shieves (Stamped Metal)

Mossberg Frank Co., Attleboro, Mass.

### Shifters (Belt)

*See Belt Shifters*

### 13523— Shifters (Phase)

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

States Co. (Potential, For Testing Electric Meters), Hartford, Conn.

### 13524— \*Shim Steel

**WARD'S EDGAR T. SONS**, 44-45 Farnsworth, Boston, Mass.  
*See adv index at end of book*

### 13525-6— Shims

Detroit Leather Works (Leather), 141 Champlain, Detroit, Mich.

Fitzgerald Mfg. Co. (Brass, Steel & Zinc), Torrington, Conn.

**GASKET SUPPLY CO.** (Brass, Zinc & Steel), 1927 Ludlow, Phila., Pa.  
*See adv index at end of book*

Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.

Kales-Haskel Co. (Laminated Brass, etc), 443 Lafayette, W Detroit, Mich.

Laminated Shim Co. ("Laminated Brass"), 533 Canal, New York

Lanz M. & Sons (Pole), 2907 Carson, Pittsburgh, Pa.

McCord Mfg. Co., Detroit, Mich.

National Leather Mfg. Co. ("National," "Wolverine"), Niles, Mich.

Oakes Co., The, Indianapolis, Ind.

Rhineland Machine Works Co. (Laminated, Imp), 1737 B'way, New York

Unique Findings & Supply Co., 36 Garnet, Providence, R. I.

Worcester Pressed Steel Co., Worcester, Mass.

### 13527-8— Shiners (Shoe)

Andrews A. H. Co. (Handy, Portable Metal, Combined Seat & Rest), 115 S Wabash av, Chicago, Ill.

Piqua Bracket Co. ("Gem" Shoe Holder & Polisher), Piqua, O.

### 13529— Shingle Stains

Acme White Lead & Color Works, Detroit, Mich.

Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.

American Mfg. Co. ("Conrad's" Creosote), 114 Plymouth av, N Minneapolis, Minn.

American Wood Preserving Co. ("Antiseptic"), 1351 N Branch, Chicago, Ill.

Arlington Mfg. Co., Canton, Ohio

Atlantic Paint Co. ("Atlantic"), Cleveland, O.

Barrett Co. ("Velvex"), 17 Battery pl, New York

Bayerson Oil Works, Erie, Pa.

Berry Bros. (Singletint), Detroit, Mich.

Boydell Bros. White Lead & Color Co., Detroit, Mich.

Cabot Samuel (Inc.), 141 Milk, Boston, Mass.

Chilton Paint Co., College Point, N. Y.

Connors Wm. Paint Mfg. Co., Troy, N. Y.

Cooper Geo. W., Denver, Colo.

Crest Chemical Co., Seattle, Wash.

Davis H. B. Co., Keyser bldg, Baltimore, Md.

Devoe & Reynolds Co., Inc., 101 Fulton, New York

Dexter Bros. Co. ("English"), 105 Broad, Boston, Mass.

Ford Mfg. Co. ("Petrosote" Preservative), 2339 La Salle, Chicago, Ill.

Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.

General Roofing Mfg. Co., 17th & Southern Ry., E St. Louis, Ill.

Harrisons, Inc., 35th & Gray's Ferry rd, Phila., Pa.

Horn A. C. Co., Bodine, Long Island City, New York

Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.

Lancaster Paint & Glass Co. ("Eureka"), Lancaster, Pa.

Lawrence W. W. & Co., N Carson, Pittsburgh, Pa.

Lincoln Paint & Color Co. ("Lincoln"), Lincoln, Neb.

Menzel Wm. & Son (Imp.), 64 Broad, New York

Moore Benj. & Co., 281 Front, Brooklyn, N. Y.

Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.

Nebraska Paint & Lead Co., Lincoln, Neb.

Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.

**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*

Ohio Chemical Co., Findlay, O.

Ohio Paint & Stain Co., Findlay, O.

Parker, Preston & Co. (Waterproof & Odorless), Norwich, Conn.

Patterson-Sargent Co., Cleveland, Ohio

Patton Paint Co. (Taron Paste), Milwaukee, Wis.

Price Fire & Water Proofing Co. (Fireproofing Creosote), Poughkeepsie, N. Y.

Pyramid Paint Co., 133 N 22d, Phila., Pa.

Pyrolin Products Co. ("Pyrolin"), Fort Dodge, Ia.

Sherwin-Williams Co., Cleveland, O.

Skinner Douglas Paint Co., Kansas City, Mo.

Sonneborn L. Sons ("Shingle-edges"), 262 Pearl, New York

Vilas Bros. ("Impervious"), 717 S 5th av, Chicago, Ill.

Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

Whitehead Paint Co. ("Whitehead"), 1 Madison av, New York

Wilhelm A. Co. ("Fernoleum"), Reading, Pa.

Woodlife Co. ("Woodlife," "W-L"), 190 Montague, Brooklyn, N. Y.

### 13530— Shingles (Asbestos)

Asbestos Protected Metal Co., Beaver Falls, Pa.

Asbestos Shingle Co., Nashua, N. H.

Johns H. W.-Manville Co. ("J.-M"), Madison av & 41st, New York

### 13531— Shingles (Asphalt)

*See Also Roofing, Asphalt Ready*

All Roofing Mfg. Co. ("Armco"), 1843 Converse av, East St. Louis, Ill.

**ASPHALT READY ROOFING CO.** ("Hudson" Slate Surfaced), 9 Church, New York

Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.

Bird & Son ("Neponset" Saturated Asphalt), East Wapole, Mass.

Cordes, Ayrault & Co., Tonawanda, N. Y.

Flintkote Mfg. Co. ("Rex Strip," "Rex Wide Space"), 88 Pearl, Boston, Mass.

General Roofing Mfg. Co. ("Certain Teed" Slate Surface), Boatman's Bank bldg, St. Louis, Mo.

Heppes-Nelson Roofing Co. ("Flex-A-Tile"), 4500 Fillmore, Chicago, Ill.

International Roofing Mfg. Co., 5301 S Western av, Chicago, Ill.

Keystone Roofing Mfg. Co. ("Keystone" Slate Finish), York, Pa.

McHenry Millhouse Mfg. Co. ("Veribest"), South Bend, Ind.

National Roofing Material Co. ("Composite"), Edwardsville, Ill.

Nelson B. F. Mfg. Co., Minneapolis, Minn.

Patent Vulcanite Roofing Co. ("Vulcanite"), 2256 W 49th, Chicago, Ill.

Reynolds H. M. Asphalt Shingle Co., Grand Rapids, Mich.

Standard Paint Co. ("Ru-ber-old"), 233 Broadway, New York, N. Y.

Usona Mfg. Co. ("Usona"), Aurora, Ill.

Whitaker Paper Co. (Slate Covered, in colors), Eggleston av, 6th & Lock, Cincinnati, O.

Winthrop Asphalt Shingle Co., Argo, Ill.

### 13532—Shingles (California Redwood)

This is a Selected List for Buyers; *see also Lumber Manufacturers*

Albion Lumber Co., 582 Market, San Francisco, Cal.

Burns M. A. Mfg. Co., Eureka, Cal.

Caspar Lumber Co., Caspar, Cal.

Dolbeer & Carson Lumber Co., Mer. Ex. bldg, San Francisco, Cal.

McKay & Co., 311 California, San Francisco, Cal.

Metropolitan Redwood Lumber Co., 112 Market, San Francisco, Cal.

Nelson Charles Co., 230 California, San Francisco, Cal.



Pacific Lumber Co., San Francisco, Cal.  
 Press Whiling G. Co., Eureka, Cal.  
 Redwood Shingle Assn., Eureka, Cal.  
 San Diego Lumber Co., San Francisco, Cal.  
 Schouten J. W. & Co., 738 Bryant, San Francisco, Cal.  
 Union Lumber Co., Crocker bldg, San Francisco, Cal.  
 Waite H. B. Lumber Co., Security bldg, Minneapolis, Minn.

### 13533— Shingles (Cedar)

This is a Selected List for Buyers; see also Lumber Manufacturers

Atlas Lumber Co. (Red Cedar), Seattle, Wash.  
 Baker Fred K. Lumber Co., Everett, Wash.  
 Big Tree Lumber Co. (Red), Houston, Tex.  
 Bolcom H. C. Lbr. Co. (Red), Seattle, Wash.  
 Briggs & Cooper Co. (Ltd.), Saginaw, Mich.  
 Buckeye Lumber Co., Seattle, Wash.  
 Carley Ira (White Cedar), Ingalls, Mich.  
 Carpenter W. I. Lumber Co. (Red Cedar), 504 Lumber Exchange, Minneapolis, Minn.  
 Case Shingle & Lumber Co. (Red), Raymond, Wash.  
 Chicago Lbr. & Coal Co. (Red), East St. Louis, Mo.  
 Chicago Mill & Lumber Co. (Red Cedar), 111 W Washington, Chicago, Ill.  
 Clear Lake Lbr. Co. (Red), Clear Lake, Wash.  
 Commercial Shingle Co. (Red), Bellingham, Wash.  
 Currier R. B. Co., Springfield, Mass.  
 Eatonville Lumber Co. (Red Cedar), Eatonville, Wash.  
 Falls City Lumber Co. (Red), Northwestern Bank bldg, Portland, Ore.  
 Ferry-Baker Lumber Co. (Red), Everett, Wash.  
 Gray's Harbor Commercial Co. (Red Cedar), ft of 3d, San Francisco, Cal.  
 Haines Lumber Co. (Red Cedar), No. Tonawanda, N. Y.  
 Hartman-Neubert Lbr. Co. (Red), Seattle, Wash.  
 Hoquiam Lumber & Shingle Co. (Red Cedar), Hoquiam, Wash.  
 Howell Shingle Co., Ry. Exch. bldg., Portland, Ore.  
 Huebel C. J. Co. (White), Monominee, Mich.  
 Kimball-Clark Co. (White Cedar), Oshkosh, Wis.  
 McCormack Lbr. Co. (Red), McCormack, Wash.  
 Menominee River Shingle Co., Menominee, Mich.  
 Minneapolis Lumber Co. (Red & White Cedar), 943 Lumber Exchange, Minneapolis, Minn.  
 Morgan Co., Oshkosh, Wis.  
 Morgan Lumber & Cedar Co. (White & Red Cedar), Oshkosh, Wis.  
 Nicola Lbr. Co. (Red Cedar), Farmers' Bank bldg., Pittsburgh, Pa.  
 Nufer Cedar Co., Whitehall, Mich.  
 Pacific Fir Co. (Red Cedar), Seattle, Wash.  
 Pacific Timber Co., Everett, Wash.  
 Pine Fir Co., Spokane, Wash.  
 Pine Tree Mfg. Co. (White Cedar), Little Falls, Minn.  
 Pinkham J. E. Lbr. Co. (Red), Seattle, Wash.  
 Pioneer Lumber Co. (Red), Seattle, Wash.  
 Robbins Lumber Co., Rhinelander, Wis.  
 Roper John L. Lumber Co., Norfolk, Va.  
 Roy E. B. Lumber Co. (Red), Seattle, Wash.  
 St. Croix Paper Co., 244 Washington, Boston, Mass.  
 St. Paul & Tacoma Lbr. Co., Tacoma, Wash.  
 Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar), Sand Point, Idaho  
 Schwager & Nettleton (Red), Seattle, Wash.  
 Seattle Cedar Lumber Mfg. Co. ("Maltese Cross"), Seattle, Wash.  
 Seattle Lumber Co., Seattle, Wash.  
 Shepard-Trall Co. (Red Cedar), Seattle, Wash.  
 Smith M. R. Shingle Co. (Red), R. A. Long bldg, Kansas City, Mo.  
 Sound Lumber Co. (Red Cedar), Seattle, Wash.  
 Spies, Thompson Lumber Co., Menominee, Mich.  
 Standard Cedar & Lumber Co. (White Cedar), 511 Lumber Exchange, Minneapolis, Minn.

Standard Stained Shingle Co. (Creo-Dipt Stained Red Cedar), North Tonawanda, N. Y.  
 Verd Cedar Co., Arlington, Wash.  
 Waccamaw Lumber Co., Bolton, N. C.  
 Wagner G. N. Lumber & Shingle Co. (Red Cedar), Grand Rapids, Mich.  
 Wagner & Wilson Lumber Co., Monroe, Wash.  
 Waite H. B. Lumber Co. (Wash'n Red Cedar), Security bldg, Minneapolis, Minn.  
 Wall-Spalding Lumber Co., Oshkosh, Wis.  
 Wallace-Ballord Lumber Co. (Red Cedar), 613 Lumber Exchange, Minneapolis, Minn.  
 Wilson Robt. S. (Red Cedar), Seattle, Wash.  
 Winchester & Daniels, Grand Rapids, Mich.  
 Wisconsin Land & Lumber Co. (White Cedar), Hermansville, Mich.

### Shingles (Cement)

See Roofing Tile, Cement

### 13534— Shingles (Cypress)

A Selected List for Buyers; see also Lumber Manufacturers

Ascension Red Cypress Co. (Ltd.), 403 Whitney, New Orleans, La.  
 Baker-Wakefield Cypress Co. (Ltd.), Plattenville, La.  
 Betts Chas. M. & Co., Bailey bldg, Phila., Pa.  
 Brownell-Drews Lumber Co. (Ltd.), Morgan City, La.  
 Burgan Wm. M., American bldg, Baltimore, Md.  
 Burton E. P. Lumber Co., Charleston, S. C.  
 Chicago Lumber & Coal Co., E. St. Louis, Mo.  
 Continental Lumber Co., Houston, Tex.  
 Cotten Bros., Cypress Co. (Ltd.), Morgan City, La.  
 Craven Lumber Co., Dallas, Tex.  
 Dibert, Stark & Brown Cypress Co. (Ltd.), Donner, La.  
 Gates Lumber Co., Wilmar, Ark.  
 Gebert Shingle Co. (Ltd.), New Iberia, La.  
 Goodland Cypress Co., Hibernia bldg, New Orleans, La.  
 Hammer Lumber Co., Franklin Bk. bldg, Phila., Pa.  
 Jeanerette Lumber & Shingle Co. (Ltd.), Jeanerette, La.  
 Keo Shingle Co., England, Ark.  
 Louisiana Cypress Lumber Co. (Ltd.), Harvey, La.  
 Louisiana Red Cypress Co., Hibernia Bank bldg, New Orleans, La.  
 Litcher & Moore Cypress Lbr. Co. (Ltd.), Litcher, La.  
 Litcher & Moore Lumber Co., Orange, Tex.  
 Napoleon Cypress Co. (Ltd.), Napoleonville, La.  
 Owl Bayou Cypress Co., Cincinnati, O.  
 Planters Lumber Co. (Ltd.), Jeanerette, La.  
 Powe Thos. E. Lumber Co., Hall & Branch, St. Louis, Mo.

Ramos Lumber Co. (Ltd.), Ramos, La.  
 Rayner & Parker (Wholesale), Comcl. Tr. bldg, Phila., Pa.  
 Richardson Cypress Lumber & Shingle Co., Bucksports, S. C.  
 Ruddock Orleans Cypress Co., Carrollton av & New Basin, New Orleans, La.  
 Schwing Lumber & Shingle Co. (Ltd.), Plaquemine, La.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
 Trinity River Lumber Co., Houston, Tex.  
 Whitecastle Lumber & Shingle Co. (Ltd.), Whitecastle, La.  
 Wilson Cypress Co., Palatka, Fla.

### 13535— Shingles (Felt)

Flintkote Mfg. Co. ("Rex Strip" & "Rex Wide Space"), 88 Pearl, Boston, Mass.  
 Sall Mountain Co. ("Sal-Mo"), 230 S La Salle, Chicago, Ill.

### 13536— Shingles (Metallic)

See also Roofing Tile, Metallic

Asbestos Protected Metal Co., Beaver Falls, Pa.  
 Berger Mfg. Co. ("Chieftain," "Swanee"), Canton, O.  
 Brier Hill Steel Co. ("Empire"), Youngstown, O.  
 Burris John T. & Son, Anderson, S. C.  
 Burton W. J. Co. ("East Lake" Hip Ornamental, etc), Junction & Leavitt avs, Detroit, Mich.  
 Butler Mfg. Co., Kansas City, Mo.  
 Canton Art Metal Co. ("X L"), Canton, O.  
 Canton Metal Ceiling Co. ("Art Kraft"), Canton, O.  
 Chattanooga Roofing & Foundry Co. ("New Century," "Old English"), Chattanooga, Tenn.  
 Cincinnati Stamping Co. ("Regan's"), 24 W McMicker av, Cincinnati, O.  
 Cortright Metal Roofing Co., 50 N 23d, Phila., Pa.  
 De Forest Sheet & Tin Plate Co., Niles, O.  
 Delphos Mfg. Co., 1st & Pierce, Delphos, O.  
 Dickelman Mfg. Co., Forest, O.  
 Dominion Metal Products Co., Roanoke, Va.  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.  
 East Birmingham Iron Roofing Co., Birmingham, Ala.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Eller Mfg. Co. ("Champion" Lock Joint), Canton, O.  
 Florida Metal Products Co., Jacksonville, Fla.  
 Garry Iron & Steel Co., Niles, O.  
 Georgia Metal Roof Co. ("Burris"), Atlanta, Ga.  
 Hopson W. C. Co., Grand Rapids, Mich.  
**HYNMAN ROOFING CO.** ("Security" Brand, "Xlent"), 318 E 2d, Cincinnati, O.  
 Kanneberg Roofing & Ceiling Co., Canton, O.

## NOTICE

An object of this book is to give complete lists of the manufacturers of every article made from iron and steel. Consult the Index of Contents for the particular product required. If it is not to be found in the Register, kindly advise and we will supply the deficiency.

**S. E. HENDRICKS CO., Inc.**  
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Kinnear & Gager Mfg. Co., Columbus, O.  
 Klauer Mfg. Co., Dubuque, Ia.  
**MERCHANT & EVANS CO.**, 2035 Wash-  
 ington av, Phila., Pa.  
*See adv index at end of book*  
 Messenger & Parks Mfg. Co. ("Acme"),  
 Aurora, Ill.  
 Meurer Bros. Co. ("Unique"), 575 Flush-  
 ing av, Brooklyn, N. Y.  
 Miller & Doing, 60 York, Brooklyn, New  
 York  
 Milwaukee Corrugating Co. ("Titelock" &  
 "American"), Milwaukee, Wis.  
 Moeschl-Edwards Corrugating Co. ("Just  
 Right," "Magnolia"), Covington, Ky.  
 Montross Metal Roofing Co., Camden, N. J.  
**NATIONAL SHEET METAL ROOFING**  
**CO.** ("Walter's"), 339 Grand, Jersey  
 City, N. J. *See adv index at end of book*  
 New Orleans Roofing & Metal Co. ("Nola"  
 Reversible, Galvanized; also Painted),  
 Cortez & Orleans, New Orleans, La.  
 Newport Rolling Mill Co., Newport, Ky.  
 Norman W. F. Sheet Metal Mfg. Co.  
 (Hip), Nevada, Mo.  
 Ohio Corrugating Co., Warren, O.  
*See adv index at end of book*  
 Penn Metal Ceiling & Roofing Co. (Ltd.),  
 ("The Sagendorf"), 23d & Hamilton,  
 Phila., Pa.  
 Penn Metal Co. ("Penco" of Hampton  
 Metal), 201 Devonshire, Boston, Mass.  
 Porter Iron Roofing & Corrugating Co., 522  
 Culvert, Cincinnati, O.  
 Reeves Mfg. Co., Dover, O.  
 Ringle Roofing & Plumbing Co. ("Hams-  
 ley"), 83 Newark av, Jersey City, N. J.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cin-  
 cinnati, O.  
 Southern E. E. Iron Co. ("Souther's"),  
 Kienlen & Hamburger, St. Louis, Mo.  
 Tension Bros., Houston, Tex.  
 Thomas & Armstrong Co. ("Buckeye"),  
 London, O.  
 Tiffin Art Metal Co., 20 Broad, Tiffin, O.  
 Trumbull Steel Co., Warren, O.  
 Watson Jas. H. Co., Bradley, Ill.  
 Wheeling Metal & Mfg. Co., Wheeling, W.  
 Va.  
 Whitaker-Glessner Co. (Wheeling Cor-  
 rugating Dept), Wheeling, W. Va.  
 Willis Mfg. Co., Galesburg, Ill.

### Shingles (Red Cedar)

*See Shingles, Cedar*

### 13537— Shingles (Rock)

Standard Paint Co. ("S. P. C."), 233  
 B'way, New York

### 13538— Shingles (Rubber)

General Roofing Mfg. Co. ("Certain-  
 Teed"), 17th & Southern Ry., E St.  
 Louis, Ill.

### 13539— Shingles (Stained)

Johnston R. F. Paint Co., Pearl & Main,  
 Cincinnati, O.  
 Moser Chas. Co., Cincinnati, O.  
 Richmond Bros., 117 E 6th, Cincinnati, O.  
 Standard Stained Shingle Co. ("Creo-  
 Dipt"), North Tonawanda, N. Y.  
 Transfer Stained Shingle Co. ("Weather-  
 best"), North Tonawanda, N. Y.

### 13540—\*Shingles & Tiling (Cluster)

**EDWARDS MFG. CO.**, 545-565 Eggleston  
 av, Cincinnati, O.  
*See adv index at end of book*

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### 13541— Ship Builders

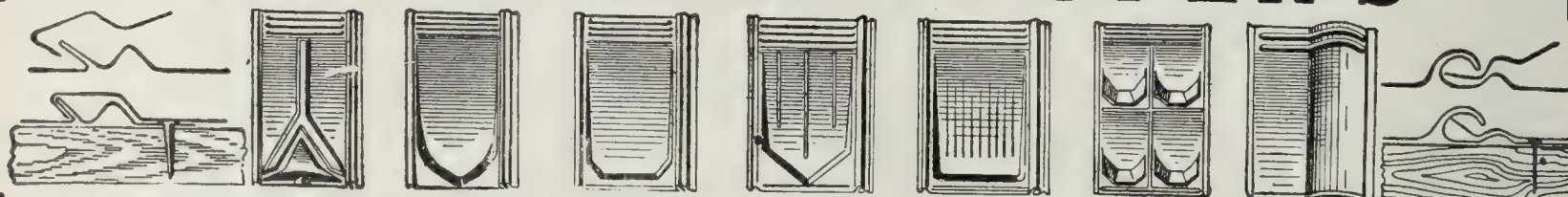
See also Dry Docks & Marine Railways

Star (\*) indicates those who build Iron &  
 Steel; Section Mark (§) those who build  
 Wooden; Dagger (†) those who build  
 Iron, Steel & Wooden

Abbott William G., Milford, Ill.  
 \*Albina Engine & Machine Works, Port-  
 land, O.  
 \*American Car & Foundry Co. (Steel &  
 Wooden Steamships, Ferry Boats,  
 Barges, Car or Grain Floats, etc),  
 Syndicate Trust bldg, St. Louis, Mo.  
 \*American Car & Foundry Co. (Jackson &  
 Sharp Plant, Wooden Steamships, Fer-  
 ry Boats, Barges, Car & Grain Floats,  
 Tugs, Lighters Scows), ft E 8th,  
 Wilmington, Del.  
 \*American Ship Building Co., Cleveland, O.  
 \*Ames Shipbuilding & Dry Dock Co., Seat-  
 tle, Wash.  
 \*Atlantic Coast Co., Inc., Thomaston, Me.  
 \*Atlantic Works (Steam Yachts), 80 Bor-  
 der, East Boston, Mass.  
 \*Baltimore Dry Dock & Ship Bldg. Co.  
 (Steel Ships, Barges, Lighters, Car  
 Floats, Tugs, etc), Locust Point, Balti-  
 more, Md.  
 \*Barrett John & Son (Tugs, River Ves-  
 sels, Scows, etc), Cincinnati, O.  
 \*Bath Iron Works (Ltd.), Bath, Me.  
 \*Bayles J. M. & Son, Port Jefferson, N. Y.  
 Beacham J. S. & Bro., Covington ft of  
 Warren av, Baltimore, Md.  
 \*Bean R. L., Camden, Me.  
 Bethlehem Steel Co. (All kinds of Steam  
 & Sailing Vessels & Barges), So. Beth-  
 lehem, Pa.  
 Blaisdell N. & Sons, Bath, Me.  
 \*Booz Bros., ft of Montgomery, Baltimore,  
 Md.  
 \*Bowker F. S., Phippsburg, Me.  
 \*Brown Dry Dock Co., ft Morris, Jersey  
 City, N. J.  
 Brunswick Marine Construction Corp, 63  
 Wall, New York  
 Brunswick Shipbuilding Co., Brunswick,  
 Ga.  
 \*Buffalo Dry Dock Co., Buffalo, N. Y.  
 †Burger H. B., Jr., Manitowoc, Wis.  
 Cahill W. S. Co., ft Webster, Baltimore,  
 Md.  
 California Shipbuilding Co. (Submarines' &  
 Torpedo Boats), Long Beach, Cal.

\*Camden Yacht Building & R'y Co.  
 (Yachts, etc), Camden, Me.  
 \*Caril Jesse E., Northport, N. Y.  
 \*Carleton Norwood & Co., Rockport, Me.  
 Chesapeake Marine Railway Co., Philpot c  
 Point, Baltimore, Md.  
 Chester Ship Building Co. (Ltd.), (Steel  
 Merchant Vessels), Chester, Pa.  
 Chicago Ship Building Co., 101st & Calu-  
 met River, Chicago, Ill.  
 \*Clooney Construction & Towing Co.  
 (Barges, Boats, etc), Westlake, La.  
 Coastwise Ship Building Co. (Wood), ft of  
 Andre, Baltimore, Md.  
 \*Cobb Francis Co., Rockland, Me.  
 College Point Boat Corp. (Wooden), 30  
 Church, New York  
 Columbia Engineering Works, Portland,  
 Ore.  
 Columbia River Shipbuilding Corp., Port-  
 land, Ore.  
 Cowles Shipyards Co., Buffalo, N. Y.  
 \*Cramp Wm. & Sons, Ship & Engine Bldg.  
 Co., Beach cor Ball, Phila., Pa.  
 †Crane's Theo. A. Sons Co. (Tugs, River  
 Vessels, Scows, Dry Docks etc), ft  
 Columbia, Brooklyn, N. Y.  
 \*Davidson James, Bay City, Mich.  
 \*Davis M. M. & Son, Solomons, Md.  
 \*Deering G. G. & Co., Bath, Me.  
 \*Detroit Ship Building Co., Detroit, Mich.  
 \*†Dubuque Boat & Boiler Works, Du-  
 buque, Ia.  
 \*Dunn & Elliot Co., Thomaston, Me.  
 \*Duthie J. F. & Co., Seattle, Wash.  
 \*Elco Co. ("Elco" Electric & Gasoline  
 Launches, etc), Bayonne, N. J.  
 \*Ellis J. S. & Son, ft Main, Tottenville,  
 S. I., N. Y.  
 \*Englis Chas M., 34 Greenpoint av, Brook-  
 lyn, N. Y.  
 \*Fenton David (Tugs, River Vessels,  
 Scows, etc), Manchester, Mass.  
 \*Fletcher W. A. & Co., Hoboken, N. J.  
 \*Fore River Shipbuilding Corp., Quincy,  
 Mass.  
 \*Foundation Co., The, 233 B'way, New  
 York  
 \*Frentz Geo., Scranton, Miss.  
 \*Fulton C. E., Wilmington, Cal.  
 \*Gas Engine & Power Co. & Chas. L. Sea-  
 bury & Co. (Launches, Yachts, etc),  
 Morris Heights, New York  
 Georgia Ship Building Co., Savannah, Ga.  
 \*Gildersleeve Ship Building Co. (Coal  
 Boats & Deck Scows), Gildersleeve,  
 Conn.  
 \*Gillmore Bros. (Scows, etc), Toledo, O.  
 \*Goble J. H. & T. C., Oswego, N. Y.  
 Gray's Harbor Shipbuilding Co., Aberdeen,  
 Wash.  
 \*Great Lakes Eng'g Works, Detroit,  
 Mich.  
 \*Green Richard T. Co., Chelsea, Mass.  
 \*Greenport Basin & Const. Co. (Tugs,  
 River Vessels, Scows, etc), Greenport,  
 N. Y.  
 \*Hall Bros. Marine & Ship Bldg Co.  
 (Passenger & Power Boats), Winslow,  
 Wash.  
 Hanlon Dry Dock & Shipbuilding Co., Oak-  
 land, Cal.  
 \*Harlan & Hollingsworth Corp. (Steam-  
 ships, Steamboats, Tugboats, Ferry-  
 boats, Car Floats, Barges, etc), ft  
 West, Wilmington, Del.

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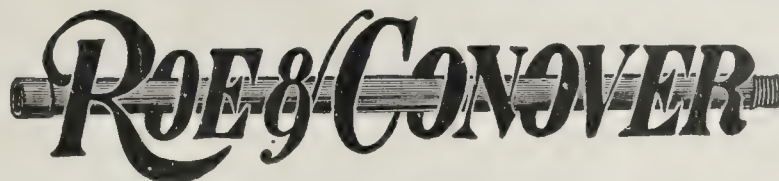
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§Hiltebrant C. Dry Dock Co., Rondout,  
Kingston, N. Y.  
\*Howard Ship Yards Co., Jeffersonville,  
Ind.  
§Jakobson & Peterson (Scows, etc), ft of  
24th, Brooklyn, N. Y.  
\*Johnson Iron Works (Ltd.), (Steamers,  
Barges & Lighters), Morgan & Sequin,  
New Orleans, La.  
\*Johnston Bros. (Tugs, Yachts, Barges,  
Scows, etc), Ferrysburg, Mich.  
§Kelley-Spear Co., Bath, Me.  
§Kenyon A. P., Marine City, Mich.  
§King & Winge Ship Yard, Seattle, Wash.  
§Kirby Thos. H. & Sons, St. Michaels, Md.  
Kirk John P. (Tugs, River Vessels, Scows,  
etc), Toms River, N. J.  
§Kneass Geo. W. (Tugs, River Vessels,  
Scows, etc), 18th & Illinois, San Fran-  
cisco, Cal.  
§Kruse & Banks, North Bend, Ore.  
†Lake Erie Drydock & Mill Co., Sandusky,  
O.  
§Lake Torpedo Boat Co. (Submarine Tor-  
pedo Boats), Bridgeport, Conn.  
§Lenahan R. & Co., Kingston, N. Y.  
§Lindstrom Ship Building Co., Aberdeen,  
Wash.  
Lockwood Mfg. Co., 65 Sumner, East Bos-  
ton, Mass.  
†Long Island Machine & Marine Con-  
struction Co., ft E av, Long Island  
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\*Los Angeles Shipbuilding & Dry Dock Co.,  
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Luders Marine Construction Co., Stamford,  
Conn.  
McAllister Dry Dock & Shipyard Co., 24  
State, New York  
\*McDougall-Duluth Co., Duluth, Minn.  
§McEachern J. A. Co., Seattle, Wash.  
§McKie Ship Building Co., 100 Border,  
E Boston, Mass.  
Manitowoc Shipbuilding Co. (Steel Ships,  
Passenger Steamers, Fire Boats, Tugs,  
Dredges, Lighters, Scows, etc), Mani-  
towoc, Wis.  
§Mar Jno. E. & Son, West Haven, Conn.  
§Marine Engine & Boiler Co. (Tugboats,  
etc), Philpot & Point, Baltimore, Md.  
\*Marine Iron Works, 2036 Dominick, Chi-  
cago, Ill.  
§Marsh J. Henry, Solomons, Md.  
Mathis John H. Co., Camden, N. J.  
§Matthews Ship Building Co., Hoquiam,  
Wash.  
\*Merrill-Stevens Co. Jacksonville, Fla.  
†Milwaukee Dry Dock Co., ft Mineral, Mil-  
waukee, Wis.  
\*Moore & Scott Iron Wks., 678 2d, San  
Francisco, Cal.  
§Moran Robert, Rosario, Wash.  
§Muncy Thos. F. & Son (Yachts Only),  
Bay Shore, N. Y.  
National Ship Building Co., Seattle, Wash.

\*New, York Shipbuilding Co., Camden  
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\*Newport News Ship Building & Dry  
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§Oades Walter H., ft of Dubois, Detroit,  
Mich.  
§Olligner & Bruce Dry Dock Co., Mobile,  
Ala.  
§Paducah Dry Dock Co., Paducah, Ky.  
Palmer Robert & Son Ship Building &  
Marine Railway Co. (The), Noank,  
Conn.  
§Peninsula Shipbuilding Co., Portland, Ore.  
\*Pennsylvania Shipbuilding Co., Land Title  
bldg, Phila., Pa.  
§Percy & Small, Bath, Me.  
§Perth Amboy Dry Dock Co., Perth Am-  
boy, N. J.  
Pittsburgh-Des Moines Steel Co. (Hulls-  
Steel), 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
Portland Co. (Freight & Passenger Steam-  
boats, Towboats, etc) Portland, Me.  
Puget Sound Bridge & Dredging Co., Seat-  
tle, Wash.  
\*Pusey & Jones Co. (Yachts, Sailing &  
Steam Vessels), ft Poplar, Wilming-  
ton, Del.  
Quintard Iron Works Co., 742 E 12th, New  
York  
Raritan Dry Dock Co. (Scows, Tugs,  
Barges, etc), Perth Amboy, N. J.  
§Read Bros. Co., Fall River, Mass.  
§Rice Jacob & Sons, Kingston, N. Y.  
§Rieboldt Wolter & Co., Sturgeon Bay,  
Wis.  
\*Riley's Dry Dock Co., Buffalo, N. Y.  
Riter-Conley Co., Pittsburgh, Pa.  
Rohde Chas. L. & Sons Co., Baltimore, Md.  
§Ryan John & Son, Whitehall, N. Y.  
\*§St. Helens Shipbuilding Co., St. Helens,  
Ore.  
§Sandstrom Ship Building Co., Seattle,  
Wash.  
§Sawyer Bros., Millbridge, Me.  
Schultze, Robertson & Schultze, Inc., 1151  
Evans av, San Francisco, Cal.  
\*§Seaborn Shipyards Co., Tacoma, Wash.  
†Seattle Construction & Dry Dock Co.,  
Seattle, Wash.  
\*†Sewall Arthur & Co., Bath, Me.  
§Simpson Lumber Co., 112 Market, San  
Francisco, Cal.  
\*Skinner & Eddy Shipbuilding Corp., Seat-  
tle, Wash.  
Slidell Ship Building Co., Slidell, La.  
§Smith C. C. Boat & Engine Co., Algonac,  
Mich.  
§Smith & McCoy, Norfolk, Va.  
§Snow I. L. & Co., Rockland, Me  
\*Spedden Ship Building Co. (Steel &  
Wood), Boston & Kenwood, Baltimore,  
Md.  
\*Standard Shipbuilding Corp., 44 White-  
hall New York  
§Standifer-Clarkson Co., Portland, Ore.  
Staten Island Shipbuilding Co., 3083 Rich-  
ter ter., Richmond, S. I., N. Y.  
§Stearns & McKay Co. (Tugs, River Ves-  
sels, Scows, etc), Marblehead, Mass.

§Stone W. F., Oakland, Cal.  
§Story A. D., Essex, Mass.  
\*Sun Shipbuilding Co., Chester, Pa.  
\*Superior Ship Building Co., Superior, Wis.  
§Supple Jos., ft of Belmont, Portland,  
Ore.  
§Swenson Johan, ft of Warren, Jersey  
City, N. J.  
Tampa Shipbuilding Co., Tampa, Fla.  
§Thames Tow Boat Co., New London, Conn.  
\*Todd Shipbuilding Corp., 15 Whitehall,  
New York  
\*Toledo Ship Building Co., Toledo, O.  
\*Union Iron Works Co. (Battleships,  
Steamships, Steam Tugs), 20th &  
Michigan, San Francisco, Cal.  
United Engng. Works, Clunie bldg, San  
Francisco, Cal.  
§Vansant Stanley G., Atlantic City, N. J.  
Vinyard Ship Building Co., Milford, Del.  
Vulcan Iron Wks., ft Morris, Jersey City,  
N. J.  
Ward Chas. Engineering Works (Light-  
Draft River Steamers), Charleston,  
W. Va.  
§Waterhouse Frank & Co., Seattle, Wash.  
§Weaver Joseph & Son, Orange, Tex.  
§White E. I., Machias, Me.  
\*Williamette Iron & Steel Wks., Portland,  
Ore.  
\*Winslow Marine Railway & Shipbuilding  
Co., Winslow, Wash.  
§Woodall Wm. E. & Co., ft of Woodall,  
Baltimore, Md.

### 13542— Ship Knees

Hoskins J. S. Lumber Mfg. Co., Baltimore,  
Md.  
Pierce Chas. W., Milo, Me.  
Portland Ship Building Co., Portland, Me.  
True Samuel, Amesbury, Mass.

### 13543— Shock Absorbers

Central Brass & Fixture Co. ("Buckeye"  
Ford"), Springfield, O.  
Connecticut Shock Absorber Co., Meriden,  
Conn.  
Cox Brass Mfg. Co., Albany, N. Y.  
Duke Oak Lumber Co. ("Condac"), Wells-  
ville, N. Y.  
FLENTJE ERNST ("Flentje," Oil & Air),  
1643 Cambridge, Cambridge, Mass.  
France Mfg. Co. ("F-F."), 1434 W 75th,  
Cleveland, O.  
Gabriel Mfg. Co. ("Foster"), Cleveland, O.  
Goodyear Tire & Rubber Co. ("Aero-  
plane"), Akron, O.  
Halladay L. P. Co., Streator, Ill.  
Halliwell Bros. ("Martin"), 333 W. Pico,  
Los Angeles, Cal.  
Harter Mfg. Co. ("Harter" for Indoor  
Lamps), 522 S Clinton, Chicago, Ill.  
Hartford Edward V. ("Truffault-Hart-  
ford"), 141 Morgan, Jersey City, N. J.  
Herz & Co. ("Pater Noster"), 245 W 55th,  
New York



Humboldt Machine & Stamping Co. ("Ridewell"), Vernon av & 10th, Long Island City, N. Y.  
 Landis Engng. & Mfg. Co. ("Landis"), Waynesboro, Pa.  
 Mesinger H. & F. Mfg. Co., Austin pl & 144th, New York  
 National Dairy Machine Co., Goshen, Ind.  
 Rhineland Machine Wks. Co. (Imp.), 1737 B'way, New York  
 Sager J. H. Co. ("J H S"), Rochester, N. Y.  
 Star Specialty Mfg. Co. (Ford), 227 W Erie, Chicago, Ill.  
 Turner Brass Works ("Turner"), Sycamore, Ill.  
 Universal Rim Co. ("Stone"), 1502 S Michigan av, Chicago, Ill.  
 Universal Shock Eliminator Co., 10 W 62d, New York  
 Weeber C. F. Mfg. Works ("Weeber"), Albany, N. Y.

### 13544—Shoe Blacking & Polishes

American Shoe Polish Co. ("Eagle"), 810 N Franklin, Chicago, Ill.  
 Ampt Chas. F. Co. (Polish), 112 E Water, Cincinnati, O.  
 Bixby S. M. & Co. ("Bull Frog," "Three Bee," "Best," Blackings, "Royal," "Jet Oil," Polishes, "Shuwhite" White, "Satinola" Tan, "Shoe Satin," Bixola), 46th & 2d av, Brooklyn, N. Y.  
 Black Cat Polish Co., 34 Washington, Buffalo, N. Y.  
 Blichert P. A. Mfg. Co., 190 13th, Jersey City, N. J.  
 Brown B. F. & Co., 137 Fulton, Boston, Mass.  
 Burckard Blacking & Oil Co. ("Okolite"), 1322 Greenmount av, Baltimore, Md.  
 Callaway Wm. E. (Polishes), 61 Wilkinson av, Jersey City, N. J.  
 Cleveland Alden T. Mfg. Co., 125 Broad, Boston, Mass.  
 Conley Stain & Blacking Co., 15 Sherman, Boston, Mass.  
 Cox A. F. & Son ("Mohawk" Waterproof), Portland, Me.  
 Cummings G. R., Jr., & Co., 264 S Water, Milwaukee, Wis.  
 Dalley F. F. Co. ("2 in 1" Polish), Buffalo, N. Y.  
 Diamond McDonnell & Co., 409 N 4th, Phila., Pa.  
 Everett & Barron Co. ("U-N-O," "Trilby"), 217 Canal, Providence, R. I.  
 Fulton Shoe Polish Co., 289 Pearl, New York  
 Hawthaway C. L. & Sons, 346 Congress, Boston, Mass.  
 Herriott Shoe Polish Co., 2801 N B'way, St. Louis, Mo.  
 Hollingshead R. M. Co. ("Shulife" Shoe Dressing, Camden, N. J.  
 Manhattan Shoe Polish Co., 367 Hamilton av, Brooklyn, N. Y.  
 Martin & Martin ("E-Z" Polishes Only), 3005 Carroll, Chicago, Ill.  
 Mason Jas. S. Co. (Polish & Blacking, "Challenge"), 136 N Front, Phila., Pa.  
 Miller Frank Co. ("Gem," "Crown," "Paragon," "Peerless," "Empire," "Kibosh"), 349 W 26th, New York  
 Prescott J. L. Co., 92 W Bway, New York  
 Preservo Polish Co., Kansas City, Mo.  
 Raimes & Co. ("Globin" Paste), 50 Ferry, New York  
 Robb C. L. Mfg. Co., Bellefontaine, O.  
 Shinola Co., Rochester, N. Y.  
 Stinson B. F. & Co., Buffalo, N. Y.  
 Superior Polish Co., Brockton, Mass.  
 Whittemore Bros. Corp. ("Gilt Edge," "French Gloss," "Elite," "Dandy," "Star," "Midget," "Quick White," "Albo," "Big Four," "Chic," "Bully Shine," "Superb," "Raven"), Cambridge, Mass.  
 Wood Geo. H. Corp., 146 Summer, Boston, Mass.  
 World Polish Mfg. Co. ("Blackola"), York, Pa.

### 13544a—\*Shoe Findings

DU PONT FABRIKOID CO., Wilmington, Del.  
*For branch offices see adv index at end of book*

### 13545—Shoe Goring

Boston Gore & Web Co. (Elastic), Chelsea, Mass.

Bridgeport Elastic Fabric Co. ("Elastic"), Bridgeport, Conn.  
 Dyer Chas. N., Haverhill, Mass.  
 Glendale Elastic Fabrics Co. (Elastic), Easthampton, Mass.  
 Hub Gore Makers ("Hub Gore" & "Bridgeport Gore" Elastic), 52 Chauncy, Boston, Mass.  
 Taylor Thos. & Sons (Elastic), Hudson, Mass.

### 13545a—\*Shoe Hooks

See also Buttoners, Shoe & Gloves  
 du Pont E. I. de Nemours & Co. (The Arlington Wks), 725-27 B'way, New York

### 13545b—\*Shoe Horns

See also Shoe Horns, Fibre  
 du Pont E. I. de Nemours & Co. (The Arlington Wks), 725-27 B'way, New York

### 13546—\*Shoe Horns (Fibre)

DELAWARE HARD FIBRE CO. (Hard Fibre), Wilmington, Del. Works, Marshallton, Del. *See adv index at end of book*

### 13547—Shoe Horns (Metal)

Grammes L. F. & Sons, Allentown, Pa.  
 Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.  
 Sommer J. L. & Co., Newark, N. J.

### 13547a—Shoe Lasts (Wooden)

Brockton Last Co., Brockton, Mass.  
 Dayton Last Works, Dayton, O.  
 Gardiner Thos. W. & Sons, Lynn, Mass.  
 Golbert Last Co., Worcester, Mass.  
 Masterson Bros., Brockton, Mass.  
 Mawhinney Last Co., Brockton, Mass.  
 Porter S. & Co., 25 Union, Worcester, Mass.  
 Rebhun Last Co., 1728 Dana av, Cincinnati, O.  
 Rochester Last Works, Rochester, N. Y.  
 Sturgis-Jones Last Co., Brockton, Mass.  
 Vulcan Last Co., Portsmouth, O.  
 Woodard & Wright Last Co., Brockton, Mass.

### 13548—Shoe Lasts & Stands

Adams Co., Dubuque, Ia.  
 Badger Malleable & Mfg. Co. (Malleable, Iron), South Milwaukee, Wis.  
 Brandenburg Cobbling Supply Co. (Cast Iron), 157 W Grand av, Chicago, Ill.  
 Camden Iron Works ("O. K."), Salem, Va.  
 Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.  
 Coulter Mfg. Co., 325 Arch, Phila., Pa.  
 Enterprise Hardware Mfg. Co., Frederick, Md.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Kupferle John C. Foundry Co. ("Eclipse" & "Paragon"), 1st & Wright, St. Louis, Mo.  
 McMahon & Hickey, Ellicottville, N. Y.  
 Root-Heath Mfg. Co. ("Plymouth," "Revolving," "Universal," "Acme," "Heavy A," "Guaranteed Perfection," "Hercules," "Wedge Top," "Buckeye" Combination, Malleable Sap, etc.), Plymouth, O.  
 Sacks Louis ("Star"), Hamburg pl, Newark, N. J.  
 Stowell Co., The (Cast & Malleable Iron), S Milwaukee, Wis.  
 Wrightsville Hardware Co. ("Columbia & Brighton" Cast Iron), Wrightsville, Pa.

### 13549—Shoe Rest

Nicol & Co. ("Porter's"), 218 N Jefferson, Chicago, Ill.

### 13549a—\*Shoe Sets

du Pont E. I. de Nemours & Co. (The Arlington Wks), 725-27 B'way, New York

### 13550—Shoe-Trees

American Cutlery Co. (Steel), 764 Mather, Chicago, Ill.  
 Bridgeport Metal Goods Mfg. Co. ("R. P. K." Aluminum & Steel, Slipper), Bridgeport, Conn.  
 Estes E. B. & Sons, 385 5th av, New York  
*See adv index at end of book*

Kennebunk Mfg. Co. ("Spaulding's Fether-Lyte"), Rochester, N. H.  
 R. P. K. Pressed Metal Co. (Aluminum), Bridgeport, Conn.

### 13551—Shoes (Aluminum)

Racine Aluminum Shoe Co., Racine, Wis.

### 13552—Shoes (Asbestos)

Johnson C. W., Natick, Mass.

### 13553—Shoes (Baseball & Athletic)

Clafin Waldo M. ("Clafin"), 1107 Chestnut, Phila., Pa.  
 Jarvis W. B. Co. ("Ty Cobb"), Grand Rapids, Mich.  
 Rawlings Mfg. Co. ("Rawlings"), 23d & Lucas av, St. Louis, Mo.  
 Spaulding A. G. & Bros., 126 Nassau, New York  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Top Notch Co., Inc. (Athletic), College Point, L. I., N. Y.  
 Witchell-Sheill Co. ("Witch-Elk"), 168 Brooklyn, Detroit, Mich.

### 13554-5—Shoes (Casing, Oil & Gas Well)

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Union Tool Co., Torrance, Cal. & West, Chicago, Ill.

### Shoes (Conductor Pipe)

See Elbows & Shoes, Conductor, Pipe

### 13556—Shoes (Drive)

Mark Mfg. Co., Evanston, Ill.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

### 13557—Shoes (Horse, Rubber)

Goodrich B. F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Peerless Rubber Horseshoe Co. ("Peerless"), 1014 S Kildare av, Chicago, Ill.  
 Powers Rubber Horseshoe Co. ("Powers"), 224 W Huron, Chicago, Ill.  
 Revere Rubber Co., 60 High, Boston, Mass.

### 13558—Shoes (Horse & Mule)

American Horse Shoe Co. (Horse & Mule), Phillipsburg, N. J.  
**AMERICAN STEEL & WIRE CO.** (Horse & Mule Shoes; also Toe & Heel Calks), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Bryden Horse Shoe Co. (Horse & Mule), Catasauqua, Pa.  
 Burden Iron Co., Troy, N. Y.  
 Challoner Co., Oshkosh, Wis.  
 Champion Horse Shoe Co., Pawtucket, R. I.  
 Cincinnati Horse Shoe & Iron Co. (Horse & Mule), Cleves, Cincinnati, O.  
 Cray Bros. ("Cleveland" Iron Shoe), 111 W 11th, Cleveland, O.  
 Diamond Calk Horse Shoe Co., Duluth, Minn.  
 Fibre Cushion Horse Shoe Co. ("Saxton's" Fibre Cushion), 88 New Chambers, New York  
 Fruin Drop Forge Co. ("Fruin-Tobin"), 347 Root, Chicago, Ill.  
 Giant Grip Horse Shoe Co. ("Giant Grip"), Oshkosh, Wis.  
 Neverslip Mfg. Co. ("Neverslip" Red Tip Horse Shoes), New Brunswick, N. J.  
 Octigan Drop Forge Co. ("Octigan"), 2428 Lowe av, Chicago, Ill.  
 Old Dominion Iron & Nail Works Co. (Horse & Mule), Belle Isle, Richmond, Va.  
 Phoenix Horse Shoe Co. (Horse & Mule), 209 S La Salle, Chicago, Ill.  
 Rhode Island Perkins Horse Shoe Co. ("Perkins" Horse & Mule), Valley Falls, R. I.  
 Side Weight Horse Shoe Co. ("Hartford" Side Weight Horse), Mechanic, Hartford, Conn.  
 Standard Horse Shoe Co., Boston, Mass.  
 Tredegar Co., ft 5th, Richmond, Va.  
 United States Horse Shoe Co. (Horse), Erie, Pa.  
 Williams Drop Forging Co. ("Williams" Cantslip), Scranton, Pa.



**13559—Shoes (Moulders' or Foundry)**

Brandau Shoe Co., 89 Sherman, Detroit, Mich.  
 Johnson C. W. (Asbestos Shoe), Natick, Mass.  
 Williams Arthur A. Shoe Co., Holliston, Mass.

**13560—Shoes (Ox)**

Atwater Mfg. Co. (Forged Wrought Iron), Southington, Conn.  
 Haven Malleable Castings Co., Cincinnati, Ohio  
 Scranton Forging Co., Scranton, Pa.  
 Woodruff W. W. & Sons Co., Mount Carmel, Conn.

**13561—Shoes (Plank)**

Pollard Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

**13562—Shoes (Scalping & Cleaning)**

Howes S. Co., Silver Creek, N. Y.  
 Huntley Mfg. Co. (For Grain, Beans & Peas), Silver Creek, N. Y.

**13563—Shoes (Skid)**

Railway Appliance Co., 122 S Mich av, Chicago, Ill.

**Shoes (Sleigh)**

See Shoes, Wagon & Sleigh

**13564—Shoes (Sliding Furniture)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.  
 Brainard & Wilson Co. ("B. & W."), Danbury, Conn.  
 Evergrip Gliding Caster Co. ("Evergrip"), 41 Warren, New York  
 Gould-Mesereau Co. ("Times"), 52 W 38th, New York  
 Onward Mfg. Co. ("Onward"), Menasha, Wis.  
 Peabody Henry W. & Co. ("Domes of Silence," "U. S. A.," "Ho"), 17 State, New York  
 Turner & Stanton Co. ("Slidewell"), Norwich, Conn.  
 Universal Castor & Foundry Co. ("Universal"), 574 Ferry, Newark, N. J.

**13565—Shoes (Tennis)**

American Rubber Co., 130 Essex, Boston, Mass.  
 Boston Rubber Shoe Co., 101 Milk, Boston, Mass.  
 Converse Rubber Shoe Co., Malden, Mass.  
 National India Rubber Co., Bristol, R. I.  
 Stall & Dean Mfg. Co. ("Stall & Dean"), Brockton, Mass.  
 Top Notch Co., Inc., College Point, L. I., N. Y.

**13566—Shoes (Wagon & Sleigh)**

Barber Mfg. Co., Ashtabula, O.  
 Munnsville Plow Co., Munnsville, N. Y.

**13567—Shoes (Wood Sole)**

Marion Malleable Iron Works (Any Size, Type or Pressure), Marion, Ind.  
 Riemer A. H. Shoe Co., 431 29th, Milwaukee, Wis.  
 Vanderslice-Stahmer Shoe Co., Davenport, Iowa

**13568—Shoes (Wooden)**

Estes E. B. & Sons, 358 5th av, New York.  
*See adv index at end of book*  
 Fellrath John B. Co., Fond du Lac, Wis.  
 Novelty Wooden Shoe Co., Holland, Mich.

**13569—Shoes & Dies (Stamp Mill)**

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. *See adv index at end of book*  
 American Forge Works, 1421 13th, Denver, Colo.  
 American Steel Foundries, McCormick bldg, Chicago, Ill.  
 Chester Steel Castings Co., 407 Sansom, Phila., Pa., & Chester, Pa.  
 Chrome Steel Works (Adamantine), Chrome, N. J.

Colorado Iron Works Co., Denver, Colo.  
 Davis F. M. Iron Works Co., Denver, Colo.  
 Denver Eng. Works Co., Denver, Col.  
 Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.  
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*  
**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York  
*See adv index at end of book*  
 National Steel Casting Co., Montpelier, Ind.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco  
 Pennington Geo. W. Sons (Hammered), 1699 Montgomery, San Francisco, Cal.

**13570—Shooks (Box)**

Acme Box Co., 1401 N 21st pl, Chicago, Ill.  
 Acme Box Co., Omaha, Neb.  
 Acushnet Saw Mills Co., Acushnet, Mass.  
 Adkins E. S. & Co., Salisbury, Md.  
 Allegheny Box Co. (Exp.), 601 Byrd, Richmond, Va.  
 Alliger Box & Lumber Co., No. Tona-wanda, N. Y.  
 American Box & Lumber Co., Norfolk, Va.  
 Anderson-Tully Co. (Gum & Cottonwood), Memphis, Tenn.  
**ANDREWS O. B. CO.**, Chattanooga, Tenn.  
 Anson Gilkey & Hurd Co. (Pine, Hemlock & Hardwood), Merrill, Wis.  
 Astoria Box Co. (Exp.), Astoria, Ore.  
 Atwood & McManus Box Co., Chelsea, Mass.  
 Badger Box & Lumber Co. (Exp.), Grand Rapids, Wis.  
 Bailey Lumber Co., Suncook, N. H.  
 Barnes E. H. Co., 61 B'way, New York  
 Bartlett Box & Lumber Co., Westboro, Mass.  
 Bay City Box & Crate Co., Bay City, Mich.  
 Bogert & Hopper, 67 Barclay, New York  
 Bradley, Miller & Co. (White Pine, Hardwood or Basswood), Bay City, Mich.  
 Branning Mfg. Co., Edenton, N. C.  
 Breault M. Co., Cohoes, N. Y.  
 Brown-Mitchison Co. (Shooks & Cratings), Marinette, Wis.  
 Buffalo Box Factory (Exp.), Buffalo, N. Y.  
 Cady George L. & Sons, Lowell, Mass.  
 Carrier Lumber & Mfg. Co. (Gum), Sardis, Miss.  
 Carter J. A., Petersham, Mass.  
 Chaffee Bros. Co. (Exp.) (By Car Lots), Oxford, Mass.  
 Chapman & Dewey Lumber Co., Kansas City, Mo.  
 Cheney Frank P., Lowell, Mass.  
 Chicago Mill & Lumber Co., 111 W Washington, Chicago, Ill.  
 Cleveland Box Co., Cleveland, O.  
 Cohn & Bock Co., Princess Anne, Md.  
 Columbia Box & Lumber Co., South Bend, Wash.  
 Conant F. R. Co., Auburn, Me.  
 Conway Lumber Co., Conway, N. H.  
 Crosman G. A. & Sons Co., Deering Gate, Portland, Md.  
 Dodge & Bliss Co., W. End, Jersey City, N. J.  
 Duker J. H. Box Co., Aliceanna cor Eden, Baltimore, Md.  
 Dunning-Varney Corp. (Pine, Spruce, Hemlock, etc), 99 Warren, New York  
 East Brooklyn Box Co. (Yellow Pine, Poplar & Gum), East Brooklyn, Md.  
 Ellington & Guy (Va. Sap Pine), 611 Times-Dispatch bldg, Richmond, Va.  
 Ellis E. W. Lumber Co., Grand Rapids, Wis.  
**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*  
 Fenton & Sons, Box & Lumber Co., North Tonawanda, N. Y.  
 Fidalgo Lumber & Box Co. (Exp.), Anacortes, Wash.  
 Forrester-Nace Box Co., Kansas City, Mo.  
 Gale Conrad H., Tulley, Mass.  
 Globe Packing Box Co., Washington & I. C. R. R., New Orleans, La.  
 Goodwillie Bros. (Pine & Basswood, Hemlock & Hardwood), 10 La Salle, Chicago, Ill.  
 Gray's Harbor Commercial Co. (Spruce), ft. of 3rd, San Francisco, Cal.  
 Green A. H. Co., 97 Warren, New York

Green Bros. Box & Lumber Co., Rockford, Ill.  
 Griggs D. B. & Sons, Chicopee Falls, Mass.  
 Guilford Mfg. Co., Guilford, Me.  
 Hahn J. N. Co., Cuyahoga & W 3d, Cleveland, O.  
 Handy Bros., Bay City, Mich.  
 Harroun J. E. & Son, Watertown, N. Y.  
 Hasty J. F. & Sons, 21st & Standish, Detroit, Mich.  
 Heidt C. & Son, 64 Fairmount av, Jersey City, N. J.  
 Himmelberger-Harrison Lumber Co. (Gum, Oak, etc), Morehouse, Mo.  
 Holston Box & Lumber Co. (Tenn. Yellow Poplar), Knoxville, Tenn.  
 Hutton & Bourbonnais Co., Hickory, N. C.  
 Jeffreys-Spaulling Mfg. Co., Chase City, Va.  
 Jordan Lumber Co., Old Town, Me.  
 Kaiser John H. Lumber Co., Eau Claire, Wis.  
 Kenfield-Lamoreaux Co. (Also Crating & Heading), Washburn, Wis.  
 King-Ryder Lumber Co., Bonami, La.  
 Kress F. J. Box Co. (Shooks & Cratings), 2930 Liberty av, Pittsburgh, Pa.  
 Lamoreaux Milton S. (Crating & Shooks), 10 S La Salle, Chicago, Ill.  
 Lansing Co. (Gum & Cottonwood), Lansing, Mich.  
 Lawrence Lumber Co., Lawrence, Mass.  
 Lea David M. & Co. (Pine), 1923 E Main, Richmond, Va.  
 Lindermann Box & Veneer Co., Eau Claire, Wis.  
 Long-Bell Lumber Co. (Yellow Pine), Kansas City, Mo.  
 Lowry Robt. C. & Co., 23 Beaver, New York  
 Lunan J. & Sons, Fall River, Mass.  
 McFarson & Foster Co. (Cottonwood, Poplar & Gum), Evansville, Ind.  
 Malvern Lumber Co. (Shooks & Crating), Chemical bldg, St. Louis, Mo.  
 Marinette & Menominee Box Co. (White Pine Shooks & Crates, in Carload Lots), Marinette, Wis.  
 Marquette Box & Lumber Co. (Pine, Hemlock, Birch, Maple, etc), Marquette, Mich.  
 Melendy C. F., Nashua, N. H.  
 Mengel E., Bay City, Mich.  
 Mershon Eddy Parker Co. (Exp.), Saginaw, Mich.  
 Mershon-Bacon Co. (Boxes in Shooks or Nailed), Bay City, Mich.  
 Michigan Truck & Lumber Co. (Exp.), Holly, Mich.  
 Millard Lumber Co., New Hamburg, N. Y.  
 Miller Lumber Co., Marianna, Ark.  
 Moore & McFerren (Gum & Cottonwood), Memphis, Tenn.  
 Morrison Mill Co., Bellingham, Wash.  
 Musser Wm. Lumber & Mfg. Co., Spokane, Wash.  
 Newman J. J. Lumber Co. (Gum, Poplar & Pine), Hattiesburg, Miss.  
 Nickless W. H., Bay City, Mich.  
 Northern Pine Crating Co. (Crating Shooks), Cass Lake, Minn.  
 Osgood & Blodgett Mfg. Co., Duluth av & E 7th, St. Paul, Minn.  
 Paepcke-Leicht Lumber Co. (Exp.), 111 W Washington, Chicago, Ill.  
 Page Geo. G. Box Co., Cambridge, Mass.  
 Paine Lumber Co. (Ltd.), Oshkosh, Wis.  
 Parsons Mfg. Co., Chelsea, Mass.  
 Peart Nields & McCormick Co. (North Carolina Pine), Harrison bldg, Phila., Pa.  
 Peirce W. E. & Co., Milford, N. H.  
 Peninsular Box & Lumber Co., Menominee, Wis.  
 Peterson Bell & Co., Clinton, Ia.  
 Pierpont Mfg. Co. (Shooks & Crates), Savannah, Ga.  
 Pingree D. W. Co., Lawrence, Mass.  
 Pope-Cannon Box Co., Geneva, Ill.  
 Presbrey A. A. & Son Co., Summer, Providence, R. I.  
 Prescott Frauk R., Meredith, N. H.  
 Rathborne, Hair & Ridgway Co., 2279 S Union av, Chicago, Ill.  
 Red River Lumber Co. (Pine), 807 Hennepin av, Minneapolis, Minn.  
 Rice H. H. Co., South Athol, Mass.  
 Richards O. S., Inc., 87 34th, Brooklyn, N. Y.  
 Rittler Box Co., 621 S Caroline, Baltimore, Md.  
 Ross Lumber Co., Knoxville, Tenn.  
 Rust-Owen Lumber Co. (Wisconsin Cork Pine), Drummond, Wis.



St. Croix Paper Co., 244 Washington, Boston, Mass.  
 Saginaw & Manistee Lumber Co., Williams, Arizona  
 Santee River Cypress Lumber Co. (Cottonwood, Gum, Ash, Pine & Cypress), Ferguson, S. C.  
 Silver Mill Co. (Spruce), Raymond, Wash.  
 Smith C. A. Lumber Co. (Fir, Spruce, Cedar, Hemlock, etc), Oakland, Cal.  
 Soper Box Co. (Pine, Hemlock, etc), 2204 Loomis, Chicago, Ill.  
 Stevens Point Box Co., Stevens Point, Wis.

**STILES H. A. & CO.**, 93-97 Oliver, Boston, Mass. *See adv index at end of book*

Stone R. B. & Co. (Exp.), Spencer, Mass.  
 Superior Box Co., Superior, Wis.

Surry Lumber Co. (N. C. Pine, Poplar & Gum), Union Trust bldg, Baltimore, Md.

Talbot Bros. Co., Grosvenor bldg, Providence, R. I.

Thompson G. A. & Sons, Hurlock, Md.  
 Thornton E. A. Lumber Co., 11 S La Salle, Chicago, Ill.

Traders Box & Lumber Co., Rochester, N. Y.

Treworky Charles J., Ellsworth Falls, Me.  
 Vance E. J. Box Co. (Ltd.), (Exp.), Bay City, Mich.

Varney Isaac & Sons Co. (Exp.), Fall River, Mass.

Verdi Lumber Co., Verdi, Nev.

Virginia Lumber & Box Co. (Shooks & Cratings), Petersburg, Va.

Ward-Kent Co. (Gum), Greenfield, Tenn.

Wausau Box & Lumber Co., Wausau, Wis.  
 White, Gratwick & Mitchell, No. Tonawanda, N. Y.

Wilson Lumber & Box Co., Tonawanda, N. Y.

Wing-Engel Box Co., Old Town, Me.  
 Wood E. K. Lumber Co., 112 Market, San Francisco, Cal.

Woodstock Mfg. Co., Charleston, S. C.  
 Yeomans Box Co., 274 Wight, Detroit, Mich.

### 13571—Shooks (Tub, Bucket, Etc.)

Langeland Mfg. Co. (Box), Muskegon, Mich.

Riggs Cypress Co. (Ltd.) (Also for Washing Machines, Ice Cream Freezers), Patterson, La.

### 13572—Shooting Galleries (Mechanical)

Mangels Wm. F. Co. (Steel), 2863 W 8th, Brooklyn, N. Y.

Mueller F. C. & Co., 1702 N Western av, Chicago, Ill.

Parker C. W., Leavenworth, Kans.  
 Smith A. J. Mfg. Co., 3247 W Van Buren, Chicago, Ill.

### 13573—Shooting (Oil & Gas Well)

Ohio Torpedo Co., Steubenville, O.

### 13574—Shot (Copper)

American Oil & Supply Co. (For Mfg Jewelers), 52 Lafayette, Newark, N. J.

### 13575—Shot (Lead)

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburgh, Pa.

Euston Process Co. (Buck Shot & Lead Bullets), Scranton, Pa.

Hoyt Metal Co., Boatmens' Bank bldg, St. Louis, Mo.

Lawrence Shot & Lead Co., Omaha, Neb.  
 Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.

Selby Smelting & Lead Co. (Drop, Chilled, etc), 201 1st, San Francisco, Cal.

Sperry D. R. & Co. (Black Finish), North Aurora, Ill.

United Lead Co. ("Tatham's"), 111 B'way, New York

### 13576—Shot (Nickel)

**UNITED STATES NICKEL CO.**, New Brunswick, N. J.

Wlarda John C. & Co., 273 Greene, Brooklyn, N. Y.

### 13577—Shot (Steel Chilled)

Globe Steel Co. ("Globe," Shot, Grit & Abrasives, also "H. C." Polishing Shot, Mansfield, O.

Harrison Supply Co. (Imported), 5 Dorchester av, Boston, Mass.

Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.

Townsend, Townsend & Co. (Importers), 453 W 21st, New York

United Lead Co. ("Tatham's"), 111 B'way, New York

### 13578—Shot (Steel, Sand Blast)

Bowers R. C. Granite Co., Montpelier, Vt.  
 Globe Steel Co. ("Globe Chilled Steel"), Mansfield, O.

Grammes L. F. & Sons, Allentown, Pa.

### 13579—Shot (Throwing)

Sperry D. B. & Co. (Black Finish), North Aurora, Ill.

### 13580—Shovel, Spade & Scoop Mfrs.

See also Shovel & Spade Manufacturers  
 American Mfg. Co. ("Panama," "Suez," "Erie," "Handy-Andy"), Chattanooga, Tenn.

American Shovel & Stamping Co., Lorain, O.

Ames Shovel & Tool Co., Ames bldg, Boston, Mass.

Baldwin Tool Works (Vanadium), Parkersburg, W. Va.

Beall Bros., Alton, Ill.

Belknap John A., Anamosa, Ia.

Central Stamping Co. (Family Grocers Scoops), 172 Fulton, New York

Chisholm's Steel Shovel Wks., Cleveland, O.

Collins Co., Collinsville, Conn.  
 Conneaut Shovel Co. ("Magyar," "Mik Kola," "Ronberg"), Conneaut, O.

Hardscog Martin Co., 922 South av, Pittsburgh, Pa.

Hills Edwin, Plainville, Conn.  
 Hubbard & Co., ("Hubbard," "Wier," "Buck," "Rankin," "Wilson"), 63rd & Butler, Pittsburgh, Pa.

Hussey-Binns Shovel Co. (Crucible Cast Steel), 223 4th av, Pittsburgh, Pa.

Works: Charleroi, Pa.  
 Indiana Rolling Mill Co., New Castle, Ind.

Indiana Shovel Co., New Castle, Ind.

Jackson Shovel & Tool Co., Montpelier, Ind.

Maynard C. A., Northampton, Mass.

Neal B. B. Hardware Co. ("Yankee toothed"), 117 Leonard, New York

Ohio Shovel & Stamping Co. ("Bull Frog" Brand), Dover, O.

Owensboro Shovel & Tool Co. ("McCulloch," "Owensboro," "Kentucky," "Handy Andy"), Owensboro, Ky.

Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.

Pittsburgh Gage & Supply Co. ("Best-Of-All," Contractors'), 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.

**ROCK PRODUCTS EQUIPMENT CORP.**, 42 Church, New York

*See adv index at end of book*  
 Russel J. C. Shovel Co., 336 4th av, Pittsburgh, Pa.

Swineford G. A. Co., Canton, O.

Union Furnace Mfg. Co., Union Furnace, Pa.

Waynesburg Pressed Steel Co., Waynesburg, Pa.

Wood Shovel & Tool Co., Piqua, O.

Wyoming Shovel Works, Wyoming, Pa.

### 13581—Shovels (Bakers')

Conneaut Shovel Co., Conneaut, O.

Hussey-Binns Shovel Co. (Cast Steel), 223 4th av, Pittsburgh, Pa.

Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.

Watkins Jas. Y. & Son, 20 Catherine, New York

### 13582—Shovels (Cinder)

Conneaut Shovel Co. ("Conneaut"), Conneaut, O.

Lalance & Grosjean Mfg. Co. ("Cottage" Japanned), 299 B'way, New York

### Shovels (Coal)

See Shovel, Spade & Scoop Mfrs.

### 13583—Shovels (Colliers')

Hussey-Binns Shovel Co., 223 4th av, Pittsburgh, Pa.

### 13584—Shovels (Concrete)

Conneaut Shovel Co. ("Mikkola" Patent "Ronberg"), Conneaut, O.

Neal B. B. Hardware Co. ("Yankee-toothed"), 117 Leonard, New York

### 13585—Shovels (Cultivator)

Albright Jas. H. & Sons, Mifflinburg, Pa.

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.

American Shovel & Stamping Co., Lorain, Ohio

Avery B. F. & Sons, Louisville, Ky.

Cambria Steel Co. (Gautier Dept.), Widener bldg, Phila., Pa.

Case J. I. Plow Works, Racine, Wis.

Crescent Forge & Shovel Co., Havana, Ill.

Gale Mfg. Co., Albion, Mich.

Hench & Dromgold Co., York, Pa.

Madison Plow Co., Madison, Wis.

Mason F. C. & Co., St. Johns, Mich.

Noll Bros., 849 Allis, Milwaukee, Wis.

Ohio Cultivator Co., Bellevue, O.

Parlin & Orendorff Co., Canton, Ill.

Star Mfg. Co., Carpentersville, Ill.

### 13586—Shovels (Electric Power)

American Steel Dredge Co., Ft. Wayne, Ind.

Ball Engine Co., Erie, Pa.

Bucyrus Co., South Milwaukee, Wis.

Marion Steam Shovel Co., P O Box 505, Marion, O.

Thew Automatic Shovel Co., Lorain, O.

### 13587—Shovels (Fire)

**AMERICAN CAN CO.**, 120 Broadway, New York. *See adv index at end of book*

Central Stamping Co., 174 Fulton, New York

Crunden-Martin Mfg. Co. (Galvanized & Japanned), 2d & Gratiot, St. Louis, Mo.

Fanner Mfg. Co., Cleveland, O.

Geuder Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*

Lalance & Grosjean Mfg. Co., 299 B'way, New York

National Enameling & Stamping Co., 411 5th av, New York

New York Stamping Co. ("Edger's"), N 11th & Berry, Brooklyn, N. Y.

Peck, Stow & Wilcox Co., Southington, Conn.

Republic Metalware Co., The, Buffalo, N. Y.

Rochester Can Co. (Railroad & Traction), Rochester, N. Y.

*See adv index at end of book*  
 Sargent & Co., New Haven, Conn.

Schroyer's M. Sons & Co., 917 W 18th, Chicago, Ill.

Stover Mfg. Co., Freeport, Ill.

Union Furnace Mfg. Co., Union Furnace, Pa.

Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

### 13588—Shovels (Gasoline for Power)

Fairbanks Steam Shovel Co., Marion, O.

Marion Steam Shovel Co., P O Box 505, Marion, O.

### Shovels (Irrigating)

See Shovels, Steam

### 13589—Shovels (Lime)

American Mfg. Co., Chattanooga, Tenn.

Conneaut Shovel Co., Conneaut, O.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Hussey-Binns Shovel Co., 223 4th av, Pittsburgh, Pa.

Indiana Shovel Co., New Castle, Ind.

Owensboro Shovel & Tool Co., Owensboro, Ky.

Pfeifer Jno. & Co. (Ltd.) (Cast Steel), 222 Race, Phila., Pa.

Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.

13590—Shovels (Mining Machine)

American Mfg. Co., Chattanooga, Tenn.

Beall Bros., Alton, Ill.

Conneaut Shovel Co. ("Magyar Unions"), Conneaut, O.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.



**Hussey-Binns Shovel Co.** (Crucible Cast Steel), 223 4th av, Pittsburgh, Pa. Works: Charleroi, Pa.  
**Indiana Shovel Co.**, New Castle, Ind.  
**Jackson Shovel & Tool Co.**, Montpelier, Ind.  
**Marion Steam Shovel Co.**, P O Box 505, Marion, O.  
**Myers-Whaley Co.**, Knoxville, Tenn.  
**Owensboro Shovel & Tool Co.**, Owensboro, Ky.  
**Pfeifer Jno. & Co. (Ltd.)**, 222 Race, Phila., Pa.  
**Pittsburgh Shovel Co.**, Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.  
**Union Furnace Mfg. Co.**, Union Furnace Pa.

### 13591—Shovels (Moulders')

**American Mfg. Co.**, Chattanooga, Tenn.  
**American Shovel & Stamping Co.**, Lorain Ohio  
**Beall Bros.**, Alton, Ill.  
**Conneaut Shovel Co.**, Conneaut, O.  
**Hubbard & Co.**, 63rd & Butler, Pittsburgh, Pa.  
**Indiana Shovel Co.**, New Castle, Ind.  
**Jackson Shovel & Tool Co.**, Montpelier, Ind.  
**Ohio Shovel & Stamping Co.**, Dover, Ohio  
**Owensboro Shovel & Tool Co.**, Owensboro, Ky.  
**Pfeifer Jno. & Co. (Ltd.)**, 222 Race, Phila., Pa.  
**Pittsburgh Shovel Co.**, Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.  
**Wood Shovel & Tool Co.**, Piqua, O.  
**Woodlson E. J. Co.**, Detroit, Mich.

### 13592—Shovels (Power, Grain)

**Caldwell H. W. & Son Co. (Automatic)**, 17th & Western av, Chicago, Ill.  
**Chain Belt Co.**, Milwaukee, Wis.  
**Dodge Sales & Engineering Co.**, Mishawaka, Ind.  
**Great Western Mfg. Co.**, Leavenworth, Kans.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.  
*See adv index at end of book*  
**Webster Mfg. Co.**, Tiffin, O.  
**Weller Mfg. Co.**, 853 W North av, Chicago, Ill.  
**Wolf Co. ("Clark" Automatic)**, Chambersburg, Pa.

### 13593—Shovels (Sewer)

**American Mfg. Co.**, Chattanooga, Tenn.  
**Ball Engine Co. (Revolving Steam)**, Erie, Pa.  
**Conneaut Shovel Co. (D & Long Handle, Round Point)**, Conneaut, O.  
**Hubbard & Co.**, 63rd & Butler, Pittsburgh, Pa.  
**Hussey-Binns Shovel Co.**, 223 4th av, Pittsburgh, Pa.  
**Wood Shovel & Tool Co.**, Piqua, O.

### 13594—Shovels (Sink)

**Fischer Bros. & Corwin**, 238 South, Newark, N. J.  
**Hamblin & Russell Mfg. Co.**, Worcester, Mass.

### 13595—Shovels (Snow)

**Aldrich B. W. & Co. ("Adams," "Hoadley," "Popular")**, Wallingford, Vt.  
**American Shovel & Stamping Co. (Steel)**, Lorain, O.  
**Beall Bros.**, Alton, Ill.  
**Buffalo Metal Furniture Mfg. Co. (Steel & Galvanized)**, Buffalo, N. Y.  
**BUFFALO SLED CO.**, ("Buffalo" & "Gifford's," Galvanized Steel), N Tonawanda, N. Y.  
**Combination Ladder Co.**, 366 Fountain, Providence, R. I.  
**Hills Edwin**, Plainville, Conn.  
**Hooper F. E. & Son (Wood)**, Biddeford, Me.  
**Hubbard & Co.**, 63rd & Butler, Pittsburgh, Pa.  
**Hussey-Binns Shovel Co. (Cast Steel)**, 223 4th av, Pittsburgh, Pa. Works: Charleroi, Pa.  
**Indiana Shovel Co.**, New Castle, Ind.  
**Jackson Shovel & Tool Co.**, Montpelier, Ind.  
**Kohler F. E. Co. ("Cyclone," etc)**, Canton, O.  
**Marston Rake Co. (Wood)**, Lebanon, N. H.  
**Ohio Shovel & Stamping Co.**, Dover, Ohio

**Owensboro Shovel & Tool Co.**, Owensboro, Ky.  
**Owosso Mfg. Co. (Galvanized Steel Blade also Wood)**, Owosso, Mich.  
**Pfeifer Jno. & Co. (Ltd.)**, 222 Race, Phila., Pa.  
**Pittsburgh Shovel Co.**, Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.  
**Prentice F. W. & Co.**, Adrian, Mich.  
**Rugg Mfg. Co. ("Rugg," Wood & Steel)**, Greenfield, Mass.  
**Sweet A. H. & Son**, Norton, Mass.  
**Swineford G. A. Co. (Seamless, Flat & Hollow Back)**, Canton, O

### 13596—Shovels (Steam)

*See also Buckets, Clam Shell, Etc.*  
**Allis-Chalmers Mfg. Co.**, Milwaukee, Wis.  
*See adv index at end of book*  
**American Clay Machinery Co.**, S Walnut, Bucyrus, O.  
**American Steel Dredge Co.**, Ft. Wayne, Ind.  
**Ball Engine Co. (Revolving)**, Erie, Pa.  
**Bay City Dredge Works**, Bay City, Mich.  
**Browning Co.**, Cleveland, O.  
**BROWNING VICTOR R. & CO.**, 17701 Lake Shore blvd, Cleveland, O.  
*See adv index at end of book*  
**Bucyrus Co. ("Atlantic," "Bucyrus" & "Vulcan," Also Electric)**, South Milwaukee, Wis.  
**Duncan Co.**, Toledo, O.  
**Fairbanks Steam Shovel Co.**, Marion, O.  
**Hunt C. W. Co.**, West New Brighton, N. Y.  
*See adv index at end of book*  
**KEYSTONE DRILLER CO. ("Keystone")**, Beaver Falls, Pa.  
**Marion Steam Shovel Co.**, P O Box 505, Marion, O.  
**Osgood Co.**, Marion, Ohio  
**Roanoke Iron Works**, Roanoke, Va.  
**Souther John & Co.**, 101 Tremont, Boston, Mass.  
**Thew Automatic Shovel Co.**, Lorain, O.  
**Toledo Foundry & Machine Co. ("Victor")**, Toledo, O.

### 13597—Shovels (Steam, Second-Hand)

**Apex Equipment Co.**, 63 Wall, New York  
**Baldwin Equipment & Supply Co.**, Fisher bldg, Chicago, Ill.  
**General Equipment Co.**, 30 Church, New York  
**Males Co.**, 2226 Fulton av, Cincinnati, O., & 26 Cortlandt New York  
**Mitsukun M. Co.**, Detroit, Mich.  
**Shaw Willis**, 80 E Jackson Boul., Chicago, Ill.  
**Torber A. C. Equipment Co.**, 208 S La Salle, Chicago, Ill.  
**Warner P. B.**, Sedamsville, Culloms Station, Cincinnati, O.  
**Watson Jno. B.**, Witherspoon bldg, Phila., Pa.  
**Zelnicker Walter A. Supply Co.**, 325 Locust, St. Louis, Mo.

### 13598—Shovels (Tamping)

**Conneaut Shovel Co.**, Conneaut, O.  
**Pittsburgh Shovel Co.**, Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.

### 13599—Shovels (Telegraph)

*See Also Spoons, Digging*  
**Beall Bros.**, Alton, Ill.  
**Columbus Handle & Tool Co. (Post Hole, Reinforced Handle)**, Columbus, Ind.  
**Hubbard & Co.**, 63rd & Butler, Pittsburgh, Pa.  
**Hussey-Binns Shovel Co. (Crucible Cast Steel)**, 223 4th av, Pittsburgh, Pa.  
**Indiana Shovel Co.**, New Castle, Ind.  
**Jackson Shovel & Tool Co.**, Montpelier, Ind.  
**Owensboro Shovel & Tool Co.**, Owensboro, Ky.  
**Pfeifer Jno. & Co. (Ltd.)**, 222 Race, Phila., Pa.  
**Pittsburgh Shovel Co.**, Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.  
**Union Furnace Mfg. Co.**, Union Furnace, Pa.

### 13600—Shovels & Spades (Drain & Tiling)

**American Fork & Hoe Co.**, Cleveland, O.  
**American Mfg. Co.**, Chattanooga, Tenn.  
**Ames Shovel & Tool Co.**, Ames bldg, Boston, Mass.  
**Boss Tile Spade Co.**, Anamosa, Ia.

**Farmers' Cement Tile Machine Co.**, St. Johns, Mich.  
**Hubbard & Co.**, 63rd & Butler, Pittsburgh, Pa.  
**Hussey-Binns Shovel Co.**, 223 4th av, Pittsburgh, Pa.  
**Indiana Shovel Co.**, New Castle, Ind.  
**Iwan Bros. ("Iwan's" Open Back & Skeleton)**, South Bend, Ind.  
**Ohio Shovel & Stamping Co.**, Dover, Ohio  
**Osmundson Spade Mfg. Co. ("King")**, Perry, Iowa  
**Owensboro Shovel & Tool Co.**, Owensboro, Ky.  
**Pittsburgh Shovel Co.**, Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.  
**Wood Shovel & Tool Co.**, Piqua, O.

### 13601—Show Cases

**American Nickel Works**, 555 W Monroe, Chicago, Ill.  
**American Show Case Co.**, 289 Greenpoint av, Brooklyn, N. Y.  
**Ammann Mfg. & Construction Co.**, 163 av D, New York  
**Atlantic Show Case Co.**, 6 Franklin av, B'klyn, N. Y.  
**Barlow Co.**, Holyoke, Mass.  
**Beardslee-Graham Show Case Co.**, Seattle, Wash.  
**Becker P. A. Co.**, 132 Cumberland, Brooklyn, N. Y.  
**Blitz Bros.**, 450 N Hermitage av, Chicago, Ill.  
**Bodach Chas. & Sons**, 314 S Franklin, Chicago, Ill.  
**Bryan Show Case Co. (Also Bread Cases)**, Bryan, O.  
**California Show Case Co.**, Los Angeles, Cal.  
**Columbus Show Case Co. (Also All Glass)**, 423 N Grant av, Columbus, O.  
**Cox S. S. Show Case Co.**, N Manchester, Ind.  
**Crane Glass & Mfg. Co. (All Glass)**, 206 St. Clair av, Cleveland, O.  
**Dallas Show Case & Mfg. Co.**, Dallas, Tex.  
**Decatur Fountain Co.**, Decatur, Ill.  
**Detroit Show Case Co. ("Silent Salesman")**, 480 Fort W, Detroit, Mich.  
**Detroit Store Fixture Co.**, Detroit, Mich.  
**Diamond Show Case Co.**, 2210 Superior, N W, Cleveland, O.  
**Duluth Show Case Co.**, Duluth, Minn.  
**Dutch A. & Co.**, 148 Seneca, Buffalo, N. Y.  
**Fox Z. F. & Son**, Freeport, Mich.  
**Ganter F. X. Co.**, c Sharp & Ostend, Baltimore, Md.  
**Geissler Chas. C.**, 62 N 4th, Phila., Pa.  
**Glaser Rohrer & Co.**, 502 E 74th, New York  
**Grand Rapids Hand Screw Co.**, Grand Rapids, Mich.  
**Grand Rapids Show Case Co.**, Grand Rapids, Mich.  
**Hamburger E. & Co.**, 139 Emerson pl, Brooklyn, N. Y.  
**Himmel M. L. & Son ("Brilliant Ideal")**, 109 N Frederick av, Baltimore, Md.  
**Houston Show Case & Mfg. Co.**, Houston, Tex.  
**Huck Mfg. Co.**, Quincy, Ill.  
**Illinois Show Case Works (Inc.)**, 1735 N Ashland av, Chicago, Ill.  
**Jackson A. R. Kansas City Show Case Works Co.**, 620 E 3rd, Kansas City, Mo.  
**Jones James H. S.**, 39 William, Bridgeport, Conn.  
**Jorgeson F. C. & Co.**, 159 N Ann, Chicago, Ill.  
**Kawner Mfg. Co. (Metal)**, Niles, Mich.  
**Knittel Joseph Show Case Co.**, Quincy, Ill.  
**Leeds Kyle W.**, Kansas City, Mo.  
**Lutke Mfg. Co.**, 6th & Hoyt, Portland, Ore.  
**Lyons Hugh & Co.**, Lansing, Mich.  
**Mailander Co.**, Waco, Texas  
**Michigan Show Case Co. ("Wolverine")**, 480 Fort W, Detroit, Mich.  
**National Show Case Co.**, Columbus, Ga.  
**National Show Case Co.**, 486 Leonard, Brooklyn, N. Y.  
**Northey Mfg. Co. (Refrigerated)**, Waterloo, Iowa  
**Phoenix Sliding Blind Co.**, Phoenix, N. Y.  
**Pynn & Cameron**, Boston, Mass.  
**Quincy Show Case Works**, Quincy, Ill.  
**Reinle Salmon Co.**, Warner & Stockholm, Baltimore, Md.  
**Robin-Hirsch Co.**, 258 Canal, New York  
**Rochester Show Case Works**, Rochester, N. Y.  
**Russell A. N. & Sons Co.**, Ilion, N. Y.



Saginaw Show Case Co., Ltd., Saginaw, Mich.  
**Segale Mfg. Co.** (All Glass), 68 E Spring, Columbus, O.  
 Selmore, Inc. (Counter Display Cases), 35 E 12th, New York  
**Shaw Show Case Co.**, Seattle, Wash.  
**SNEAD & CO. IRON WORKS (INC.)**, (Metal for Museums), 98 Pine, Jersey City, N. J. *See adv index at end of book*  
**Statesville Show Case Co.**, Statesville, N. C.  
 Storandt J. W. Mfg. Co., Rochester, N. Y.  
 Strauss Wm., 416 Arch, Phila., Pa.  
**Sun Mfg. Co.**, Columbus, O.  
 Waddell Co., Greenfield, O.  
 Walrus Mfg. Co., Decatur, Ill.  
 Washburn Williams & Co., Scranton, Pa.  
 Weirich T. H. Fixture Co., Omaha, Neb.  
 Whitcomb Cabinet Co., Kansas City, Mo.  
 Wilmarth Show Case Co., Grand Rapids, Mich.  
 Winter Co., Sheboygan, Wis.  
 Wolf, Sayer & Heller ("Sayer" Butchers' Show Cases), Fulton & Peoria, Chicago, Ill.  
 Yesbera Mfg. Co., Toledo, O.

### 13602—\*Show Windows (Automatic Elevating)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill. *See adv index at end of book*

#### Shrapnel Mfrs.

*See* Ammunition; also Shells; also Projectiles, Steel

### 13602a—Shredders (Cane)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

### 13603—Shredders (Chip)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Mitts & Merrill, Saginaw, Mich.  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

### 13604—Shredders (Corn Cob)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

### 13605—Shredders (Corn, Family)

Reading Saddle & Mfg. Co., Reading, Pa.

### 13606—Shredders (Fodder)

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.  
 Dick Jos. Mfg. Co., Canton, O.  
 Silver Mfg. Co. ("New Ohio," "Perfection"), Salem, O.  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

### 13607—Shredders (Frozen Pulp Reduction)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Ryther & Pringle Co., Carthage, N. Y.

### 13608—Shredders (Ice)

Giles & Nielsen Nickel Works, Troy, N. Y.  
 Wrightsville Hardware Co. ("Brighton," "L. S. I. Co."), Wrightsville, Pa.

### 13609—Shredders (Leather Scrap)

**BEACH-RUSS CO.**, 220 B'way, New York *See adv index at end of book*  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### 13610—Shredders (Potato & Turnip)

Disston Hy. & Sons, Tacony, Phila., Pa.

### 13611—Shredders (Sugar Cane)

Jeffrey Mfg. Co., 961 N Fourth, Columbus, O. *See adv index at end of book*  
 Newell Mfg. Co. ("National"), 149 B'way, New York  
 Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.

### 13612—Shrinkers (Tire & Axle)

*See also* Upsetters, Tire

American Scale Co., Kansas City, Mo.  
 Buffalo Forge Co., Buffalo, N. Y.  
 Canedy-Otto Mfg. Co. ("Western Chief"), Chicago Heights, Ill.  
 Champion Blower & Forge Co. ("Champion," "Lancaster," "American," "Star"), Lancaster, Pa.  
 Illinois Iron & Bolt Co. ("Magic," "Mole," "Stoddard," "Vulcan"), Carpentersville, Ill.  
 Potts D. H. Co., Lancaster, Pa.  
 Rockford Mfg. Co., Rockford, Ill.  
 South Bend Foundry Co. ("Magic"), South Bend, Ind.  
 Southern Skein & Fdry. Co., Chattanooga, Tenn.

### 13613—Shutter Workers

*See also* Fasteners, Blind

Corbin P. & F., New Britain, Conn.  
 Quincy Foundry & Novelty Co. ("Pitney"), Quincy, Ill.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Zimmerman G. F. S. & Co., Frederick, Md.

### 13614—Shutters (Fire, Automatic)

**COBURN TROLLEY TRACK MFG. CO.**, P. O. Box 721, Holyoke, Mass.  
 Lane Bros. Co., Poughkeepsie, N. Y.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn. *See adv index at end of book*

### 13615—Shutters (Steel)

Barnes & Nuss Co., Grand Forks, N. D.  
 Barnum E. T. Wire & Iron Wks., 864 Woodward, Detroit, Mich.  
 Beckley Perforating Co., Garwood, N. J.  
 Cornell Iron Works, 26th & 11th av, New York

**DAHLSTROM METALLIC DOOR CO.** (Hollow Metal), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*

Dickelman Mfg. Co., Forest, O.  
 Eller Mfg. Co., Canton, O.  
 Huntington Iron Works, Huntington, W. Va.

International Steel & Iron Construction Co., Evansville, Ind.

Kinnear Mfg. Co. (Rolling), Columbus, O.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Mesker Geo. L. & Co., Evansville, Ind.

Meyers Fred J. Mfg. Co., Hamilton, O. *See adv index at end of book*

Milwaukee Corrugating Co., Milwaukee, Wis.

Penn Metal Ceiling & Roofing Co. (Ltd), 23d & Hamilton, Phila., Pa.

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn. *See adv index at end of book*

Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.

Smith F. P. Wire & Iron Wks., Lake & Dearborn, Chicago, Ill. *See adv index at end of book*

Souther E. E. Iron Co. (Corrugated, Fire, etc.), Kienlin & Hamburger, St. Louis, Mo.

Steel Roofing & Stamping Wks, Des Moines, Iowa

Variety Mfg. Co. (Iron & Tin Clad Window), 2958 Carroll av, Chicago, Ill.

### 13616—Shutters (Steel Rolling)

**CORNELL IRON WORKS** (Smallest Shutters to Largest Doors), 26th & 11th av, New York

**EDWARDS MFG. CO.**, 545-565 Eggleston av., Cincinnati, O. *See adv index at end of book*

Harris S. H. Co., 610 W Lake, Chicago, Ill.

Johnson Geo. W. Mfg. Co., St. Louis, Mo.  
 Kinnear Mfg. Co., Columbus, O.

Perkins Mfg. Co., University & Fairview avs, St. Paul, Minn. *See adv index at end of book*

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*

Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.

Wilson J. G. Corp'n ("Salamander"), Chief Office, 8 W 40th, New York; Mills & Factory: Norfolk, Va.

### 13617—Shutters (Wood Rolling)

Grant Pulley & Hdw. Co., 101 Park av, N. Y.

Kinnear Mfg. Co., Columbus, O.  
 Peirce W. E. & Co., Milford, N. H.  
 Wilson J. G. Corp'n, Chief Office, 8 W 40th, New York. Mills & Factory: Norfolk, Va.

### Sickles (Mower & Reaper)

*See* Knives, Mower & Reaper

### 13618—Side Dressers for Side Files

Covel Mfg. Co., Benton Harbor, Mich.

### 13619—Side Edges (Plumbers')

Osborne C. S. & Co., Harrison, N. J.

### 13620-1—Side Files for Saws

Covel Mfg. Co., Benton Harbor, Mich.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.

### Sidewalk Lights

*See* Vault & Sidewalk Lights, Plain & Prismatic

### Siding (Steel)

*See* Roofing & Sliding, Iron & Steel; also Steel, Brick & Rock Face Siding

### 13621a—Sienna

Smith J. Lee & Co., (Imp, Raw & Burnt), 19 Jacob, New York

### 13622—Sieves (Ash)

Butler Mfg. Co. (Rocker), Kansas City, Mo.

Central Stamping Co. ("Central"), 174 Fulton, New York

Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.

Hamblin & Russell Mfg. Co., Worcester, Mass.

Hessler H. E. Co., Syracuse, N. Y.

Jelliff Geo. H. & Son ("Rival"), New Canaan, Conn.

Parker Wire Goods Co. ("Boston"), Worcester, Mass.

Success Mfg. Co. ("Triumph"), Gloucester, Mass.

Wayne Mfg. Co., 2009 N Croskey, Phila., Pa.

### 13623—Sieves (Cement Testing)

Buffalo Wire Works Co., 453 Terrace, Buffalo, New York *See adv index at end of book*

Multi-Metal Separating Screen Co., 68 E 131st, New York

**TYLER W. S. CO.**, Cleveland, O. *See adv index at end of book*

Ulmer J. C. Co., Cleveland, O.

### 13624—Sieves (Flour)

Buffalo Wire Works Co., 453 Terrace, Buffalo, New York *See adv index at end of book*

Central Stamping Co. (Seamless Metallic), 174 Fulton, New York

Day J. H. Co. (Sifters Only) Cincinnati, O.

Gilbert & Bennett Mfg. Co., Georgetown, Conn.

Hamblin & Russell Mfg. Co., Worcester, Mass.

Jelliff Geo. H. & Son, New Canaan, Conn.

Lalance & Grosjean Mfg. Co., 299 B'way, N. Y.

Marquette John N. Sons, 513 S Eden, Baltimore, Md.

**MEYERS FRED J. MFG. CO.** ("Hunter's" "Favorite"), Hamilton, O. *See adv index at end of book*

National Mfg. Co. ("Natwire," "Victor," "Cycle," "Worcester," "Surprise," "Magic"), Worcester, Mass.

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J. *See adv index at end of book*



Parker Wire Goods Co. ("Majestic," "Columbia," "Standard," "Hunter," "Nameless," "Universal" & "Star Rotary"), Worcester, Mass.  
 Roseland Can & Specialty Co. ("Apex," "Standard," "Rockford," "Pastry"), Rockford, Ill.  
 Schlesinger Leo. & Co. ("Excelsior"), 66 Wooster, New York  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 13625— \*Sieves (Testing)

Buffalo Wire Works Co., 453 Terrace, Buffalo, New York  
*See adv index at end of book*  
 Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.  
*See adv index at end of book*  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 13626— \*Sieves (Wire)

Buffalo Wire Works Co., 453 Terrace, Buffalo, New York  
*See adv index at end of book*  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

### 13627—Sifters (Ash & Coal)

Aurora Steel Products Co. ("Little Wonder"), Aurora, Ill.  
 Diener Geo. W. Mfg. Co. ("Peerless"), 400 Monticello av, Chicago, Ill.  
 Gem Stamped Steel Co. ("Gem"), Chelsea, Mass.  
 Gier Pressed Steel Co. ("Lancing" Ash), Lansing, Mich.  
 Hessler H. E. Co. ("Wonder"), Syracuse, N. Y.  
 Jelliff Geo. H. & Son, New Canaan, Conn.  
 National Can Co. ("National"), 38 Washington, No. Boston, Mass.  
 National Enameling & Stamping Co. ("Nesco"), 411 5th av, New York  
 Rochester Can Co. ("Iron Horse", Ash Only), Rochester, N. Y.  
*See adv index at end of book*  
 Steinfeld Bros. ("Samson"), 116 W 32d, New York  
 Success Mfg. Co. ("Perfection," "Triumph"), Gloucester, Mass.

### 13628— Sifters (Flour)

Andrews Wire & Iron Works, Rockford, Ill.  
 Barnard & Leas Mrg. Co. ("Plansifter"), Moline, Ill.  
 Clark J. L. Mfg. Co. ("Gem" Rotary & Shaker), Rockford, Ill.  
 Iddings Co. ("Star-Peerless" Flour Bin & Sifter), Warren, O.  
 National Enameling & Stamping Co. ("Columbia" Bin & Sifter), 411 5th av, New York  
 Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
**PEORIA CAN CO.** ("No-Name"), Peoria, Ill.  
 Republic Metalware Co., The ("Shaker"), Buffalo, N. Y.  
 Sprout, Waldron & Co., Muncy, Pa.  
**WERNER & PFLEIDERER CO.**, Saginaw, Mich. *See adv index at end of book*  
 Wolf Co., Chambersburg, Pa.

### 13629— Sifters (Plaster)

Potato Implement Co., Traverse City, Mich.

### 13630— Sifters (Sand)

Arcade Mfg. Co., Freeport, Ill.  
 Battle Creek Sand Sifter Co. ("Battle Creek"), Battle Creek, Mich.  
 Berkshire Mfg. Co., Cleveland, O.  
 Brass Founders Supply Co., Hamberg pl, Newark, N. J.  
 Brown Specialty Machinery Co. ("Duplex" Electric Pneumatic), 2440 W 22d, Chicago, Ill.  
 Clearfield Machine Shops, Clearfield, Pa.  
 Great Western Mfg. Co., Leavenworth, Kans.  
 Green C. A. Co. (Green Portable Electric Driven), Toledo, O.  
 Hanna Engineering Works (Pneumatic & Electric), 2059 Elston av, Chicago, Ill.  
*See adv index at end of book*  
 Herman Pneumatic Machine Co. (Pneumatic), Zellenople, Pa.  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*

### NORTHERN ENGINEERING WKS., 9 Chene, Detroit, Mich.

*See adv index at end of book*  
 Osborne Mfg. Co., 5405 E Hamilton, Cleveland, O.  
 Paxson J. W. Co., 1021 No. Delaware av, Philadelphia, Pa.  
 Standard Sand & Machine Co. (Revolving "Standard" Adjustable Portable), 5150 St. Clair av, Cleveland, O.  
 Turner Machine Co. (Portable Motor Driven), 3632 N Lawrence, Phila., Pa.  
 Worthington Pump & Machy Corp. (Steam, Pneumatic or Electric), 115 B'way, New York

### 13631—Sifters (Sliding Motion)

Patterson Foundry & Machine Co. ("Patterson" for Wet & Dry Materials), East Liverpool, O.

### 13632—\*Sight Feeds for Oiling Devices

LUNKENHEIMER CO., Executive Offices and Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

### 13633—\*Sight Feeds for Oiling Systems



**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.

*See adv index at end of book*

### 13633a—Sights (Gun & Rifle)

Bausch & Lomb Optical Co. (Telescopic), Rochester, N. Y.  
 Bethlehem Steel Co., S Bethlehem, Pa.  
 Lyman Gun Sight Corp., Middlefield, Conn.  
 Marble Arms & Mfg. Co. ("Marble's Flexible Special"), Gladstone, Mich.  
 Marlin Fire Arms Corp., New Haven, Conn.  
 Remington Arms Union Metallic Cartridge Co., Ilion, N. Y.  
 Savage Arms Corp., Utica, N. Y.  
 Stevens J. Arms Co., Chicopee Falls, Mass.  
 Winchester Repeating Arms Co., New Haven, Conn.

### 13634— Sights (Level)

Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

### 13635—Sign Materials (Wood)

Spanjer Bros. (Letters, Figures, Trade-marks, Models, Monograms, etc), ft Center, Newark, N. J.

### 13636—\*Signal Apparatus (Air)

**WESTINGHOUSE TRACTION BRAKE CO.**, Pittsburgh, Pa.

### 13637—\*Signal Apparatus (Electro-Pneumatic)

**WESTINGHOUSE TRACTION BRAKE CO.**, Pittsburgh, Pa.

### 13638— Signal Car Lights

Brill J. G. Co., 62d & Woodland av, Phila., Pa.  
 Smith of N. Y. Co., 352 Pearl, New York  
 Star Headlight & Lantern Co., Rochester, N. Y.

### Signal Cord

*See Cords, Sash*

### 13639-40—Signals (Air Brake)

New York Air Brake Co., 165 B'way, New York  
**WESTINGHOUSE AIR BRAKE CO.**, (Apparatus), Pittsburgh, Pa.

### 13641—Signals (Block System)

Federal Signal Co. (Automatic Electric Block), Albany, N. Y.  
 General Railway Signal Co. ("G. R. S." Continuous Track Circuit Automatic), Rochester, N. Y.

**UNION SWITCH & SIGNAL CO., THE** (Automatic, Electric & Pneumatic Semaphore), Swissvale, Pa.  
 United States Electric Signal Co. ("U. S." Automatic), West Newton, Mass.

### 13642— Signals (Distress)

American Model & Instrument Co. ("Amico"), Worcester, Mass.  
 Coston Signal Co. (Ship Rockets & Water Lights), 24 Water, New York

### 13643—Signals (Electric Mine)

American Mine Door Co., Canton, O.  
 American Model & Instrument Co. ("Amico"), Worcester, Mass.  
 Flint Electric & Mfg. Co., 1402 Delgany, Denver, Colo.  
 United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.

### 13644—Signals (Electric Railway)

Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.  
 Consolidated Car Heating Co. (Inside Car Signals), Albany, N. Y.  
 Eureka Automatic Electric Signal Co., Tamaqua, Pa.  
 Federal Signal Co., Albany, N. Y.  
 General Railway Signal Co. ("G. R. S." Continuous Track Circuit, Automatic Block Signal), Rochester, N. Y.  
 Hall Switch & Signal Co., 50 Church, New York  
 Simmen Automatic Railway Signal Co., ("Simmen" System), 1575 Niagara, Buffalo, N. Y.  
**UNION SWITCH & SIGNAL CO., THE** (Interlocking), Swissvale, Pa.  
 United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.  
 United States Electric Signal Co. ("U. S. Automatic Block Signals), West Newton, Mass.  
 Weir Frog Co., Cincinnati, O.  
 Wood Chas. N. Co. ("Chapman," Automatic), 14 Federal, Boston, Mass.

### 13645—Signals (Factory & Office)

American Model & Instrument Co. ("Amico"), Worcester, Mass.  
 Autocall Co., Shelby, O.  
**MEAD ELECTRIC SIGNAL CO.** ("Tele-Call"), 2056 E 4th, Cleveland, O.  
 Multi Signal Co., 210 B'way, Boston, Mass.  
 National Scale Co., 11 Hendricks, Chicopee Falls, Mass.  
 Standard Electric Time Co. ("Standard"), Springfield, Mass.  
 Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

### 13646—Signals (For Follow-Up Systems)

Graff Geo. B. Co. ("Graffco Vise"), 294 Washington, Boston, Mass.

### 13647— Signals (Hospital)

*See also Annunciators*

American Model & Instrument Co. ("Amico"), Worcester, Mass.  
 Automatic Enunciator Co., 1001 W Van Buren, Chicago, Ill.  
 Bryant Electric Co., Bridgeport, Conn.  
 Chicago Signal Co., 411 So. Jefferson, Chicago, Ill.  
 Holtzer-Cabot Electric Co., Brookline, Mass.  
 Novelty Electric Co., 50 N 4th, Phila., Pa.  
 Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

### 13648—Signals (Interlocking Systems)

Federal Signal Co. (Interlocking Manual & Electric), Albany, N. Y.  
 General Railway Signal Co., Rochester, N. Y.  
**UNION SWITCH & SIGNAL CO., THE** Swissvale, Pa.

### 13649—Signals (Pneumatic)

American Safety Lamp & Mine Co. ("Jones"), Scranton, Pa.  
 Everhart Brass Works ("Everhart" for Mines) Scranton, Pa.  
 General Railway Signal Co., Rochester, N. Y.  
**UNION SWITCH & SIGNAL CO., THE** ("Westinghouse" Electric Interlocking), Swissvale, Pa.



**13650— Signals (Police)**

American Model & Instrument Co. ("Amico"), Worcester, Mass.  
 Gamewell Fire Alarm Telegraph Co., 70 E 45th, New York  
 Utica Fire Alarm Telegraph Co., Utica, N. Y.

**13651—Signals (Railway Cab)**

Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.

**13652—Signals (Railway Crossing)**

See also Gates, Railway Crossing; also Railway Supplies; also Frogs, Switches, & Crossings

Baltimore Enamel & Novelty Co. (Enamelled Steel), Woodall, Baltimore, Md.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Bryant Mfg. Co., 456 W Ontario, Chicago, Ill.  
 Bryant Zinc Co. (Illuminated Highway), 600 Orleans, Chicago, Ill.  
 Consolidated Car Heating Co., Albany, N. Y.  
 Electric Service Supplies Co. ("Keystone Highway"), 17th & Cambria, Phila., Pa.  
 Enamelled Steel Sign Co., 222 N State, Chicago, Ill.  
 Federal Signal Co., Albany, N. Y.  
 General Railway Signal Co., Rochester, N. Y.  
 Hall Switch & Signal Co., 50 Church, New York  
 Handlan-Buck Mfg. Co. ("Newton's"), 210-14 N 3d, St. Louis, Mo.  
 Kalamazoo Railway Supply Co. (Electrical & Mechanical), Kalamazoo, Mich.  
 Railroad Supply Co. (Highway Crossing Alarms for Steam Railroads), 203 S Dearborn, Chicago, Ill.  
 Ramapo Iron Works, Hillburn, N. Y.  
 Standard Railway Gate Co., Saginaw, Mich.  
 Taite Railway Signal Co., Coatesville, Pa.  
**UNION SWITCH & SIGNAL CO., THE**, Swissvale, Pa.  
 United Electric Apparatus Co. ("Ziegler"), 1529 Columbus av, Boston, Mass.

**13653— Signals (Switch)**

Bethlehem Steel Co., So. Bethlehem, Pa.  
 Buda Co., Railway Exch. bldg, Chicago, Ill.  
 Federal Signal Co., Albany, N. Y.  
 General Railway Signal Co., Rochester, N. Y.  
 Ramapo Iron Works, Hillburn, N. Y.  
**UNION SWITCH & SIGNAL CO., THE**, Swissvale, Pa.

**13654—Signals (Train Order)**

Adams & Westlake Co. (Telegraph), 319 W Ontario, Chicago, Ill.  
 Federal Signal Co., 52 Vanderbilt av, New York  
 General Railway Signal Co., Rochester, N. Y.

**13655—Signs (Advertising)**

Adco. Inc., 381 4th av, New York  
 Bachrach & Co., 577 Market, San Francisco, Cal.  
 Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.  
 Borreson Mfg. Co., University & Curfew av., St. Paul, Minn.  
 Buck C. H. & Co., 411 Dorchester av, Boston, Mass.  
 Chicago Glass Novelty Co. (Gold Glass Letters for Dealers Signs), Marion, Ind.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Eclipse Sign & Advertising Co. (Paper Enamelled), Reading, Pa.  
 Enamel Products Co. (Porcelain Enamelled Iron), Cleveland, O.  
 General Advertising Co. (For Paint & Varnish Makers), Reading, Pa.  
 Grammes L. F. & Sons (Metal), Allentown, Pa.  
**INGRAM-RICHARDSON MFG. CO.** (Porcelain Enamelled Iron), Beaver Falls, Pa.  
 Madden John & Co., 718 Natoma, San Francisco, Cal.  
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.  
 Shonk Chas. W. Co., 76 Washington blvd, Detroit, Mich.  
 Sign Ad Co., Geneva, N. Y.  
 Stanford-Crowell Co. (Board, Tin & Cloth), Ithaca, N. Y.  
 Statesman Co., Marshall, Mich.  
 Tri-Color Sign Co., 4824 W Lake, Chicago, Ill.  
 Up-To-Date Advertising Co., Canisteo, N. Y.  
 Winters H. E. Davenport, Ia.

**13656— Signs (Aluminum)**

Aluminum Goods Mfg. Co. (Advertising), Manitowoc, Wis.  
 Aluminum Sign Co., Kewaunee, Wis.  
 Aluminum Specialty Co., Manitowoc, Wis.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

**13657—Signs (Automobile Radiator)**

Grammes L. F. & Sons, Allentown, Pa.

**13658—Signs (Brass & Bronze)**

Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.  
 Benfield & Milne Mfg. Co. (In raised letters), 374 Woodside av, Newark, N. J.  
 Bolles, J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.  
 Brinkerhoff's J. P. Sons, 57 Dey, New York  
 Bryan Co., Cleveland, O.  
 Buck C. H. & Co., 411 Dorchester av, Boston, Mass.  
 Buckeye Iron & Brass Works (Brass Window or Door), Dayton, O.  
 Cabaret Paul E. & Co., 126 11th av, New York  
 Chicago Metal Sign Co., 20 N 5th av, Chicago, Ill.  
 Cincinnati Mfg. Co., Cincinnati, O.  
*See adv index at end of book*  
**COLUMBUS BRASS CO.**, 538 Dublin av, Columbus, O. *See adv index at end of book*  
 Detroit Mausoleum Equipment Works, Detroit, Mich.  
 Ellison Brass Mfg. Co., Jamestown, N. Y.  
 Flour City Ornamental Iron Works, 27th st & 27th av, Minneapolis, Minn.  
**GORHAM CO. ARCH'L BRONZE**, 5th av & 36th, New York. Works, Providence, R. I. *See adv index at end of book*  
 Grammes L. F. & Sons, Allentown, Pa.  
 Henry-Bonnard Bronze Co. (Also Brass & Iron), 20 Exchange pl, New York

**BRASS & BRONZE SIGNS**  
**THE IMPERIAL BRASS MFG. CO.**  
**CHICAGO**

Inglis Wm. Wire & Iron Works, 61 Woodbridge av, Detroit, Mich.  
 Jackson Wm. H. Company, 2 W 47th, New York  
 Jones, Trevor F. & Co. (Also Silver), 374 W B'way, New York  
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.  
 Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
 Moise-Klinkner Co., 212 Market, San Francisco, Cal.  
**NEWMAN MFG. CO.**, 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Novelty Sign Co. (Raised Letter) 118 W 2nd, Cincinnati, O.  
 Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.  
 St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.  
 Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*  
 Seiferlein & Malleis, Detroit, Mich.  
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Tweed & Rau, 1027 W Madison, Chicago, Ill.  
**TYLER W. S. CO.**, Cleveland, O. *See adv index at end of book*  
 Van Hoven John H. H. (Brass & Silver), 42 E 9th, New York  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

**13659— Signs (Car)**

See also Signs, Enamelled Steel

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.  
 Brill J. G. Co. ("Brilliant," Reversible), 62d & Woodland av, Phila., Pa.  
 Columbia Machine Works & Malleable Iron Co. ("Millen" Illuminated), Atlantic av & Chestnut, Brooklyn, N. Y.  
**Creaghead Engineering Co.** (Indicating & Destination), 340 Main, Cincinnati, O.  
 Electric Service Supplies Co. ("Keystone"), 17th & Cambria, Phila., Pa.  
 Enamelled Steel Sign Co., 222 N State, Chicago, Ill.  
 Hunter Illuminated Car Sign Co. (Illuminated), Linden av, Flushing N. Y.  
**Ingram-Richardson Mfg. Co.** (Porcelain Enamelled Iron) Beaver Falls, Pa.  
 Nelke L. D., 23 E 26th, New York  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.  
 Royal Enameling Mfg. Co., Des Plaines, Ill.  
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.  
 U. S. Electric Signal Co. ("Henderson" Illuminated), West Newton, Mass.  
 Weber Illuminating Sign Co., Reading, Pa.  
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

**13660— Signs (Cardboard)**

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Hartmann Robt. Co. (Embossed), 409 Pearl, New York  
 Nelke L. D. (Waterproof, etc), 23 E 26th, New York  
 Novelty Sign Co., 118 W 2d, Cincinnati, O.  
 Up-to-Date Advertising Co. (Waterproof), Canisteo, N. Y.

**13661— Signs (Carved)**

Spanjer Bros., ft Center, Newark, N. J.

**13662— Signs (Celluloid)**

Baltimore Sign Co., Industrial bldg, Baltimore, Md.  
 Bastian Bros. Co. ("Pulveroid"), Rochester, N. Y.  
 Beach H. D. Co., Coshocton, O.  
 Ehrman Mfg. Co., 185 Devonshire, Boston, Mass.  
 General Advertising Co., Reading, Pa.  
 Meek J. F. Co., Coshocton, O.  
 Whitehead & Hoag Co., 272 Sussex, Newark, N. J.

**13663—Signs (Chipped Glass)**

Rawson & Evans Co. (In Silver & Gold), 710 W Wash'n blvd, Chicago, Ill.

**Signs (Cloth)**

See Signs, Muslin

**13664-5—Signs (Electric Illuminated)**

A. & W. Electric Sign Co. ("A. & W."), Cleveland, O.  
 Allaway & Hancox, 2449 S Michigan av, Chicago, Ill.  
 American Sign Co., Kalamazoo, Mich.  
 American Sign Works, 109 W Dearborn, Chicago, Ill.  
 Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.  
 Betts & Betts Corp'n, 513 W 42d, New York  
 Bilt-Well Sign System Electric Co., 115 E 15th, New York  
 Bofinger Bros., 146 E 42d, New York  
 Brilliant Mfg. Co., 1035 Ridge av, Phila., Pa.  
 Brink C. I. (Inc.), 24 Gold, Boston, Mass.  
 Buck C. H. & Co., 411 Dorchester av, Boston, Mass.  
 Burdick Enamel Sign Co., 220 S State, Chicago, Ill.  
 Canton Electric Sign Co., Canton, O.  
 Chase Electric Signs ("Chaseco"), 105 S Dearborn, Chicago, Ill.  
 Chicago Electric Sign Co., 18 S Clinton, Chicago, Ill.



Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.  
 Chris Sign & Wall Paper Co., Seattle, Wash.  
 Colonial Sign & Insulator Co., Akron, O.  
 Consolidated Electric Sign Co., 213 W Austin av, Chicago, Ill.  
 Cusack Thomas Co., 1312 W Harrison, Chicago, Ill.  
 Dawes Electric Sign Mfg. Co., Arrot Pr., Pittsburgh, Pa.  
 Electric Carriage Call & Specialty Co. (Changeable & Permanent), 311 W 40th, New York  
 Electrical Products Corp., 1112 W 16th, Los Angeles, Cal.  
 Electro-Ad Co. ("Newest," "Phelps"), Detroit, Mich.  
 Empire Elec. Sign Co., 162 E 118th, New York  
 Enameled Steel Sign Co., 222 N State, Chicago, Ill.  
 Farr Telephone & Cons. Supply Co. ("D. & L."), 112 N 5th av, Chicago, Ill.  
 Federal Sign System (Electric "Win-do-Lite"), 640 W Lake, Chicago, Ill.  
 Flexlume Sign Co., 1453 Niagara, Buffalo, N. Y.  
 Fricker Fred, 428 11th av, New York  
 Frink I. P., 10th av & 24th, New York  
 Gillette Electric Street Clock Co., 728 Buckingham pl, Chicago, Ill.  
 Greenwood Advertising Co. ("Individuality"), Knoxville, Tenn.  
 Haller Sign Works ("Luna"), 213 W Austin, Chicago, Ill.  
 Halpern Bros., 210 W 26th, New York, N. Y.  
 Hinsdill Electric Co., Troy, N. Y.  
 Horn W. J. Sign Posting Co., Springfield, Ill.  
 K. & H. Sign Mfg. Co., ("Elite"), Aiken & P. R. R., Pittsburgh, Pa.  
 Kanneberg Roofing & Ceiling Co. ("Eclipse"), Canton, O.  
 Klintz A. & Co., 905 W Randolph, Chicago, Ill.  
 Langever J. J., Fort Worth, Tex.  
 Lindstrom Smith Co. ("Flash-I-Do"), 1104 S. Wabash av, Chicago, Ill.  
 Martin P. J., 302 W 53rd, New York  
 Marx Zero Sign Works ("Zero"), 126 W Peoria, Chicago, Ill.  
 Mercantile Advertising Co. ("Midas"), 17 Battery pl, New York  
 Metropolitan Eng. Co., 35 Vestry, New York  
 Model Sign Works, 9th & Venango, Phila., Pa.  
 Motley Bros. Elec. Co., Memphis, Tenn.  
 National Enameling Co., Montgomery & Lexington avs, Cincinnati, O.  
 Nelke L. D., 23 E 26th, New York  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Novelty Electric Sign Co., 165 Eddy, San Francisco, Cal.  
 Novelty Sign Co., 118 W 2nd Cincinnati, O.  
 Opal Sign Co., 254 10th av, New York  
 Overbush & Ayres Mfg. Co., 411 S Clinton, Chicago, Ill.  
 Pacific Electric Co. ("Espersen"), La Crosse, Wis.  
 Paige Sign Co., Worcester, Mass.  
 Pause P. & Co. ("Unique"), 400 W Erie, Chicago, Ill.  
 Phelps Mfg. Co. ("New-Est," "Phelps"), 265 Jefferson av, Detroit, Mich.  
 Pittsburgh Electric Specialties Co., Ross & First, Pittsburgh, Pa.  
 Providence Electric Mfg. Co., 23 Broad, Providence, R. I.  
 R. R. Sign Co., Dayton, O.  
 Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.  
 Reynolds-Dull Flasher Co., 18 S 5th av, Chicago, Ill.  
 Rice Geo. H. Co., 481 Sterling pl, Brooklyn, N. Y.  
 Robinson S. H. Co., 814 Walnut, Phila., Pa.  
 Ruby Mfg. Co., Jackson, Mich.  
 Schmook Harry B., Springfield, Mo.  
 Sign Ad Co., Geneva, N. Y.  
 Sign-O-Graph Mfg. Co., 431 S Dearborn, Chicago, Ill.  
 Solar Electric Co., 154 W Lake, Chicago, Ill.  
 Strauss & Co., 209 W 48th, New York  
 Tripp & Co., 33 N 5th av, Chicago, Ill.  
 Weber Illuminating Sign Co., Reading, Pa.  
 Western Display Co. ("Reflectic"), 301 Chestnut, St Paul, Minn.  
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.

### 13666—Signs (Enameled Iron)

Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.  
 California Metal Enameling Co., Los Angeles, Cal.  
 Crichton-Curl Enamel Co., Ellwood City, Pa.  
 Enamel Products Co. (Advertising, etc), Cleveland, O.  
 Ingram-Richardson Mfg. Co., 100 William, N. Y.  
**INGRAHAM-RICHARDSON MFG. CO.** (Porcelain Enameled). Factory: Beaver Falls, Pa.  
 Maryland Enamel & Sign Co. (Porcelain Enameled) O'D & 8th, Baltimore, Md.  
 Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
 Nelke L. D. (Also Tin, etc), 23 E 26th, New York  
 Royal Enameling Mfg. Co., Des Plaines, Ill.  
 Shonk Charles W. Co., Maywood, Ill.

### 13667—Signs (Enameled Steel)

See also Signs, Car

Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.  
 Benfield & Milne Mfg. Co., 374 Woodside av, Newark, N. J.  
 Brilliant Mfg. Co., 1035 Ridge av, Phila., Pa.  
 Burdick Enameled Sign Co., 220 S State, Chicago, Ill.  
 Cusack Thos. Co., 1312 W Harrison, Chicago, Ill.  
 Dawes Electric Sign Mfg. Co., Arrott Pr., Pittsburgh, Pa.  
 Enameled Steel Sign Co., 222 N State, Chicago, Ill.  
 Ingram-Richardson Mfg. Co. (Porcelain Enameled), Beaver Falls, Pa.  
 National Enameling Co., Montgomery & Lexington av, Cincinnati, O.  
 Nelke L. D., 23 E 26th, New York  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Ohio Valley Enameling Co., Huntington, W. Va.  
 Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

### 13668—Signs (Etched Metal)

Abbott W. H., 143 W 42d, New York  
 Buck C. H. & Co., 411 Dorchester av, Boston, Mass.  
 Dayton Stencil Works, Dayton, O.  
 Electro Chemical Engraving Co., 450 19th, Brooklyn, N. Y.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Haeusermann Metal Mfg. Co., 1100 Brooks av, New York  
 Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
 Newark Brass Plate Engraving Co., 52 Lawrence, Newark, N. J.  
 Newman Mfg. Co. (Brass & Bronze), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.  
*See adv index at end of book*  
 Russell J. W. Co., 294 Pearl, New York  
 Rutledge Geo. Co., 309 E 22d, New York  
 Salo Art Metal Co., Binghamton, N. Y.  
 Shonk Chas. W. Co., Maywood, Ill.  
 Tweed & Rau, 1027 W Madison, Chicago, Ill.  
 Waterbury Etching Co., Waterbury, Conn.

### 13669-70—Signs (Fence Board)

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Nelke L. D., 23 E 26th, New York

### Signs (Fibre)

See Signs, Cardboard

### 13671—Signs (Glass)

Buck C. H. & Co., 411 Dorchester av, Boston, Mass.  
 Dawes Electric Sign Mfg. Co., Arrot Pr., Pittsburgh, Pa.  
 Denzi & Phillips, 24 Dey, New York  
 Empire Ornamental Glass Co., 437 Washington, New York  
 Giesse Glass Sign Works, 147 Duane, New York

Herrlein & Henrich Co. (All Kinds for All Purposes), 97 Hudson, New York  
 Home Art Glass Wks., 290 14th, San Francisco, Cal.  
 Jones Decorative Glass Co., Hudson av & Concord, Brooklyn, N. Y.  
 Mansfield & Co., 229 West, New York  
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Novelty Sign Co., 118 W 2d, Cincinnati, O.  
 Pause P. & Co., 400 W Erie, Chicago, Ill.  
 Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.  
 Rawson & Evans Co., 710 W Washington blvd, Chicago, Ill.  
 Rodier & Fitzgerald, 296 Pearl, New York  
 Russell J. W. Co., 294 Pearl, New York  
 Rutledge Geo. Co., 309 E 22d, New York  
 Sentenne & Green, 150 Nassau, New York  
 Tweed & Rau, 1027 W Madison, Chicago, Ill.  
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.  
 Wunder J. & Co., 225 W Van Buren, Chicago, Ill.

### 13672—\*Signs (Interchangeable Letter)

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*

### 13673—Signs (Litho. Metal)

American Art Sign Co., 201 37th, Brooklyn, N. Y.  
 Beach H. D. Co., Coshocton, O.  
 Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.  
 Haeusermann Metal Mfg. Co., 1098 Brook av, New York  
 Meek J. F. Co., The, Coshocton, O.  
 National Can Co., Detroit, Mich.  
 Nelke L. D., 23 E 26th, New York  
 New York Metal Ceiling Co., 537 W 24th, New York  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill. *See adv index at end of book*  
 Niagara Litho. Co., 1050 Niagara, Buffalo, N. Y.  
 Sentenne & Green, 150 Nassau, New York  
 Shonk Chas. W. Co., Maywood, Ill.  
 Tweed & Rau, 1027 W Madison, Chicago, Ill.

### 13674—Signs (Metal, Etc.)

American Art Works, Coshocton, O.  
 Baltimore Sign Co., Industrial bldg, Baltimore, Md.  
 Bofinger Bros., 146 E 42d, New York  
 Brink C. I. (Inc.), 24 Gold, Boston, Mass.  
 Brinkerhoff's J. P. Sons, 57 Dey, New York  
 Bryan Co., Cleveland, O.  
 Buck C. H. & Co., 411 Dorchester av, Boston, Mass.  
 Chicago Metal Sign Co., 20 N 5th av, Chicago, Ill.  
 Indestructible Sign Co., 62 Prescott, Columbus, O.  
**INGRAM-RICHARDSON MFG. CO.**, Beaver Falls, Pa.  
 Jones Trevor F. & Co., 374 W B'way, New York  
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.  
 Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*  
 Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
 National Can Co., Detroit, Mich.  
 Nelke L. D., 23 E 26th, New York  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Pathie Wm. Co. (Brass, Copper, etc), Worcester, Mass.  
 Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.  
 Russell J. W. Co. (Brass & Aluminum), 294 Pearl, New York  
 Salo Art Metal Co. (Metal Etched. Engraved & Applied Letters), Binghamton, N. Y.  
 Sentenne & Green, 150 Nassau, New York  
 Spanjer Bros. (of all Descriptions), ft of Center, Newark, N. J. & 708 N Green, Chicago, Ill.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Stonehouse Steel Sign Co., Denver, Colo.



Towle F. S. Co., 332 B'way, New York  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
 Up-to-Date Advertising Co. (Embossed, etc.), Canisteo, N. Y.  
 Van Hoven John H. H. (Brass & Silver), 42 E 9th, New York  
 Western Sand Blast Mfg. Co., 1027 W Madison, Chicago, Ill.  
 Winters H. E. Davenport, Ia.

### 13675— Signs (Muslin)

Baltimore Sign Co., Industrial bldg, Baltimore, Md.  
 Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.  
 Bryan Co., Cleveland, O.  
 Cleveland-Akron Bag Co., Cleveland, O.  
 Eastern Printing & Mfg. Co., Dayton, O.  
 Geraghty & Co., 153 N La Salle, Chicago, Ill.  
 Marx Zero Sign Works, 126 N Peoria, Chicago, Ill.  
 Millhiser Bag Co., Richmond, Va.  
 Nelke L. D. (Also Oilcloth), 23 E 26th, New York  
 Novelty Sign Co., 118 W 2nd, Cincinnati, Ohio  
 Parker & Granville, Ithaca, N. Y.  
 Stanford-Crowell Co., Ithaca, N. Y.  
 Up-to-Date Advertising Co., Canisteo, N. Y.

### 13676— Signs (Post Office)

Eagle Lock Co., Terryville, Conn.

### Signs (Raised Letter Metal)

*See Signs, Brass & Bronze*

### 13677— Signs (Rotary Wind)

Warner Co., Muncie, Ind.

### 13678—\*Signs (Safety First)

**INGRAM-RICHARDSON MFG. CO.** ("Porcelain Enameled Iron Signs for Factories"), Beaver Falls, Pa.

### 13679— Signs (Street)

Baltimore Enamel & Novelty Co. (Enameled Iron Street Names), Woodall, Baltimore, Md.  
 Behringer Edw. A. Inc., 88 W B'way, New York  
 Borreson Mfg. Co., University & Curfew av, St. Paul, Minn.  
 Early Joseph N., 320 B'way, New York  
 Enamel Products Co. (Enameled Iron), Cleveland, O.  
**INGRAM-RICHARDSON MFG. CO.** (Blue & White Porcelain Enameled Iron, Street Names, etc), Beaver Falls, Pa.  
 Niagara Falls Metal Stamping Works (Name), Niagara Falls, N. Y.  
 Roberts D. F., Racine, Wis.  
 Stonehouse Steel Sign Co., Denver, Colo.

### 13680— Signs (Talking)

Electric Carriage Call & Specialty Co., 311 W 40th, New York

### Signs (Translucent)

*See Ornaments, Transfer*

### 13681— Signs (Triple)

Triple Sign Co., Connersville, Ind.

### 13682— Signs (Wire)

Bigelow Cheney Wire Works, Springfield, Mass.  
 Bolles J. E. Iron & Wire Works, 4th, Detroit, Mich.  
 Bryan Co., Cleveland, O.  
**Buffalo Wire Works Co.** (Roof, etc) 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*  
 Builders' Iron Works Co., St. Paul, Minn.  
 Cincinnati Mfg. Co., Cincinnati, O.  
 Columbia Iron & Wire Works Co., Canton, O. *See adv index at end of book*  
 Deschauer Wire & Iron Works, 2009 Larabee, Chicago, Ill.  
 Inglis Wm. Wire & Iron Works, 61 Woodbridge av, Detroit, Mich.  
**MEYERS FRED J. MFG. CO.**, Hamilton, Ohio. *See adv index at end of book*  
 Novelty Sign Co., 118 W 2d, Cincinnati, O.  
 Phoenix Wire Works, Detroit, Mich.  
 Seiferlein & Malleis, Detroit, Mich.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

*See adv index at end of book*

Southwest Wire & Iron Works Co., Kansas City, Mo.

Spanjer Bros., ft Center, Newark, N. J.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.

**TYLER W. S. CO.** (Roof, etc), Cleveland, O.

*See adv index at end of book*

Wisconsin Iron & Wire Works, Milwaukee, Wis.

### 13682a— \*Signs (Wire Roof)

**BUFFALO WIRE WORKS CO.**, 453 Terrace, Buffalo, N. Y.

*See adv index at end of book*

### 13683— Signs (Wood)

Buck C. H. & Co., 411 Dorchester av, Boston, Mass.

Nelke L. D. (Machine Painted), 23 E 26th, New York

Up-to-Date Advertising Co., Canisteo, N. Y.

### 13684— Signs (Wood Letter)

Spanjer Bros. Also Figures, Trade-Marks, etc), ft Center, Newark, N. J.

### 13685— Signs & Letters (Prismatic Metal)

Herrlein & Henrich Co., 97 Hudson, New York

### 13685a— Silencers (Auto Craft)

Gordon Propeller & Mfg. Co., 9001 Desmond av, Cleveland, O.

### 13686— Silencers (Gun)

Maxim Silencer Co., Hartford, Conn.

### 13687— Silex

Bridgeport Wood Finishing Co. (For Soap-makers, etc), New Milford, Conn.

Daniels Willard B. (Imp.), 252 Front, New York

Dunkel S. P. & Son, Ostend & Leadenhall, Baltimore, Md.

Eureka Flint & Spar Co. (Floated), Trenton, N. J.

Hammill & Gillespie (Job), 240 Front, New York

National Silica Works, Berkeley Springs, W. Va.

Nevins Sam'l Co., 109 S 2d, Phila., Pa.

New England Quartz Co. of N. Y., 107 William, New York

Product Sales Co., 32 So Calvert, Baltimore, Md.

Salomon L. A. & Bro., (Imp.), 216 Pearl, New York

Wausau Quartz Co., Wausau, Wis.

Whitestone Marble Co., Atlanta, Ga.

Whittaker W. H. Co. (Jobbers), 250 Front, New York

Wiarda John C. & Co. (Ground), 273 Greene, Brooklyn, N. Y.

### 13688— Silica (Fused)

Berge J. & H. (Jobbers), 95 John, New York

Elmer & Amend, 205 3d av, New York

Engelhard Chas., 30 Church, New York

Lenz Apparatus Co., 9 E 16th, New York

Thermal Syndicate (Ltd.) ("Vitresol" Imp), 50 E 41st, New York

Thomas Arthur H. Co. (Transparent Vitreous), W Wash sq, Philadelphia, Pa.

Wilson-Maeulen Co. (Imp), 181 E 142d, New York

### 13689— Silica Mfrs.

Bautz Robt. A. & Co., Wolf Lake, Ill.

Beach City Silica Sand Co., Beach City, Ohio

Bridgeport Wood Finishing Co. ("Lithowite"), New Milford, Conn.

Central Commercial Co., 111 N Market, Chicago, Ill.

Edge Hill Silica Rock Co., Edge Hill, Pa.

Eureka Flint & Spar Co. (Floated), Trenton, N. J.

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

Hoosac Co., North Adams, Mass.

Illinois Mineral Mining Co., E St. Louis, Ill.

**INNIS, SPEIDEN & CO., INC.**, 46 Cliff, New York. *See adv index at end of book*

International Pulp Co., 41 Park Row, New York

Isco-Bautz Co. (Soft), 46 Cliff, New York

Nevins Samuel Co., 109 S 2d, Phila., Pa.

New England Quartz Co. of N. Y., 107 William, New York

Ohio Marble Co., Piqua, O.

Oxford Tripoli Co. (Ltd.), 11 B'way, New York

Salomon L. A. & Bro., 216 Pearl, New York

Scheel Wm. H. (Imported), 159 Maiden la, New York

Tamms Silica Co., Tamms, Ill.

Thomas Arthur H. Co., W Washington sq, Phila., Pa.

Wausau Quartz Co., Wausau, Wis.

Wedron Silica Co., Ottawa, Ill.

### Silicate of Carbon

*See Carbon Black Mfrs*

### 13690-1— Silicate of Soda

Central Commercial Co., 111 N Market, Chicago, Ill.

Feuchtwanger L. & Co., 54 Fulton, New York

General Chemical Co., 25 Broad, New York

Grasselli Chemical Co., Guardian bldg, Cleveland, O.

Horstmann John Co., 685 Bryant, San Francisco, Cal.

Mechling Bros. Mfg. Co., Camden, N. J.

Philadelphia Quartz Co., 121 S 3d, Phila., Pa.

St. Louis Chemical & Mfg. Co., 112 Pine, St. Louis, Mo.

Thomsen Chemical Co., Munsey bldg, Baltimore, Md.

### 13692— Silico-Manganese

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

### 13693— Silico-Spiegel

Dana & Co., 111 B'way, New York

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

### 13694— Silicon-Calcium-Aluminum

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

### 13695— Silicon-Chromium

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

### 13696— Silicon-Manganese-Aluminum

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*

### 13697— Silk (Artificial)

American Viscose Co., Marcus Hook, Pa.

Cleveland Art Silk Co., Cleveland, O.

Heminway M. & Sons Silk Co. (For Embroidery Purposes), Watertown, Conn.

### 13698— Sils (Draft & End)

Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

Gould Coupler Co. (Cast Steel), 30 E 42d, New York

Pittsburgh Equipment Co. (Cast Steel), House bldg, Pittsburgh, Pa.

Pressed Steel Car Co. (Car Steel), 307 5th av, Pittsburgh, Pa.

Western Steel Car & Foundry Co. (Car Steel), 37 W Van Buren, Chicago, Ill.

### 13699— Silos

Adirondack Silo Co., Malone, N. Y.

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.

Beaver Silo & Box Mfg. Co., Beaver Dam, Wis.

Bennett Bros. Co. ("Ideal"), Lowell, Mass.

Boeckler Lumber Co., Hall & Maelinckrodt, St. Louis, Mo.

Bridge's A. D. Sons (Round), Hazardville, Conn.

Butler Mfg. Co. (Steel), Kansas City, Mo.

Canton Culvert & Silo Co., ("Z. Y. R. O."), Canton, O.

Cement Stave Silo Co., Des Moines, Ia.



Central Unadilla Silo Co., Des Moines, Ia.  
 Challenge Co. ("Challenge"), Batavia, Ill.  
 Colby Cheese Box & Silo Co., Colby, Wis.  
 Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.  
 Creamery Package Mfg. Co. ("Green Mountain"), 30 N La Salle, Chicago, Ill.  
 Crown Lumber & Silo Co., Omaha, Neb.  
 Deere John Plow Co., 130 Hickory, Kansas City, Mo., & Omaha, Neb.  
 Des Moines Silo & Mfg. Co., Des Moines, Ia.  
 Duplex Mfg. Co., Superior, Wis.  
 Economy Silo & Mfg. Co., Frederick, Md.  
 Fouts C. C. Co. ("Duro"), 650 Woodlawn av., Middletown, Ohio  
 Harder Mfg. Co., Cobleskill, N. Y.  
 Harrison W. R. & Co. ("Massillon"), Massillon, O.  
 Harry Bros. Co. ("Harry's" Knock-Down, Galvanized Iron), Carr & I. C. R. R., New Orleans, La.  
 Huttig Sash & Door Co., 1206 Old Manchester, St. Louis, Mo.  
 Illinois Silo Co., Bloomington, Ill.  
 Indiana Silo Co., Anderson, Ind.  
 International Silo Co., Linesville, Pa.  
 Kalamazoo Tank & Side Co. (Wood, Tile Block, etc), Kalamazoo, Mich.  
 Kretschmer Mfg. Co. (Galvanized, Cypress & Fir), Council Bluffs, Ia.  
 Loomis J. H. & Sons ("Loomia"), Phoenix, N. Y.  
 Louisville Silo & Tank Co., Louisville, Ky.  
 McClure Co. ("Saginaw" All Steel Frame), Saginaw, Mich.  
 Minneapolis Stone Co., Fillmore & 16th av, N E, Minneapolis, Minn.  
 Monolithic Silo & Const. Co. ("Monsco"), Peoples' Gas bldg, Chicago, Ill.  
 Nappanee Lumber & Mfg. Co., Nappanee, Ind.  
 National Fireproofing Co. ("Natco Imperishable," "Natco Everlasting"), Fulton bldg, Pittsburgh, Pa.  
 Pacific Tank & Silo Co. ("Winner Patent" Wood), Chehalis, Wash.  
 Perfection Concrete Stove Silo Co., Hubbell bldg., Des Moines, Ia.  
 Perfection Metal Products Co., Topeka, Kans.  
 Pittsburgh-Des Moines Steel Co. (Steel), 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Portland Silo Co., Portland, Ind.  
 Preston J. M. Co. (Vitrified Tile) Lansing, Mich.  
 Puffer-Hubbard Mfg. Co., 32d av. S & 26th, Minneapolis, Minn.  
 Ross E. W. Co. (Wood), Springfield, O.  
 Schlichter E. F. Co. ("Philadelphia"), 10 S 18th, Phila., Pa.  
 Silo Specialty Mfg. Co., Clinton, Ia.  
 Southwest Mfg. Co., Oklahoma, Okla.  
 Stevens Tank & Tower Co. ("Dirigo," Wood), Auburn, Me.  
 Texas Kalamazoo Silo Co., Fort Worth, Texas  
 Trussed Concrete Steel Co. (Kahn Building Products), Youngstown, O.  
 Tunglok Silo Co., Interstate bldg, Kansas City, Mo.  
 Twin City Tank Silo & Specialty Co., 37th av & N E 5th, Minneapolis, Minn.  
 Unadilla Silo Co., Unadilla, N. Y., & Des Moines, Ia.  
 Vernier Mfg. Co., Cedar Rapids, Ia.  
 Vesper Wood Mfg. Co. ("Open Door"), Vesper, Wis.  
 Walwrath Abram Co., Weedsport, N. Y.  
 Western Silo Co. (Ltd.), Des Moines, Ia.  
 Woods Bros. Silo & Mfg. Co., Lincoln, Neb.

### 13700—Silver Leaf

Baer Bros., 438 W 37th, New York  
 Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York  
 Rauskolb Fred W. Co., 103 Arch, Boston, Mass.  
 Schultz & Co., 25 St. Marks pl, New York  
 Swift M. & Sons, Hartford, Conn.

### 13701—Silverware (Plated)

International Silver Co. ("Lashar"), Meriden, Conn.  
 Meyer Louis J., 804 Walnut, Philadelphia, Pa.  
 Oneida Community (Ltd.), Oneida, N. Y.

### 13702—Silverware (Table)

(\*) Indicates Sterling Ware; (†) Indicates Plated Ware

\*Alvin Mfg. Co., Sag Harbor, N. Y.  
 \*†American Mfg. Co., Meriden, Conn.  
 †American Silver Co., Bristol, Conn.

\*†Barbour Silver Co. (Br. of International Silver Co.), Meriden, Conn.  
 †Benedict Mfg. Co., East Syracuse, N. Y.  
 †Bliss E. A. Co., Meriden, Conn.  
 †Florence Silver Plate Co., 108 W Lombard, Baltimore, Md.  
 †Forbes Silver Co. (Br. of International Silver Co.), Meriden, Conn.  
 †Franklin Silver Plate Co., Greenfield, Mass.  
 †Goodell Co., Antrim, N. H.  
 †Gorham Co. (Arch'l Bronze), 5th av & 36th, New York  
 \*Hartford Sterling Co., 46th nr 6th Phila., Pa.  
 \*†Holmes & Edwards Silver Co. (Br. of International Silver Co.), Bridgeport, Conn.  
 †Homan Mfg. Co., Findlay, Western & Hulbert avs, Cincinnati, O.  
 \*†International Silver Co., Meriden, Conn.  
 †Jennings Bros. Mfg. Co., Bridgeport, Conn.  
 †Knickerbocker Silver Co., Port Jervis, N. Y.  
 †Manning, Bowman & Co., Meriden, Conn.  
 \*†Meriden Britannia Co. (Br. of International Silver Co.), Meriden, Conn.  
 †Meriden Silver Plate Co. (Br. of International Silver Co.), Meriden, Conn.  
 Oneida Community (Ltd.), Kenwood, N. Y.  
 †Pairpoint Corp., New Bedford, Mass.  
 †Paye & Baker Mfg. Co., N Attleboro, Mass.  
 †Queen City Silver Co., Fillmore & Richmond, Cincinnati, O.  
 \*†Reed & Barton Corp., Taunton, Mass.  
 Regal Silver Mfg. Co., New Haven, Conn.  
 †Rice's Bernard Sons, 325 5th, New York  
 †Robeson Cutlery Co., Rochester, N. Y.  
 †Rogers Simmon L. & Geo. H. Co., Hartford, Conn.  
 †Rogers, Smith & Co. (Br. of International Silver Co.), Meriden, Conn.  
 \*†Rogers Wm. A. (Ltd.), Niagara Falls, N. Y.  
 †Rogers Wm. Mfg. Co. (Br. of International Silver Co.), Meriden, Conn.  
 †Rogers & Bro. (Br. of International Silver Co.), Waterbury, Conn.  
 †Rogers & Hamilton Co. (Br. of International Silver Co.), Waterbury, Conn.  
 \*†Simpson, Hall, Miller & Co. (Br. of International Silver Co.), Wallingford, Conn.  
 †Smith E. H. H. Silver Co., Bridgeport, Conn.  
 \*Tiffany & Co., 5th av & 37th, New York, N. Y.  
 \*Towle Mfg. Co., Newburyport, Mass.  
 †Van Bergh Silver Plate Co., West Main, Rochester, N. Y.  
 \*†Wallace R. & Sons Mfg. Co., Wallingford, Conn.  
 \*†Watrous Mfg. Co. (Br. of International Silver Co.), Wallingford, Conn.  
 \*Weidlich Sterling Spoon Co., Bridgeport, Conn.  
 \*Whiting F. M. & Co., No. Attleboro, Mass.  
 \*Whiting Mfg. Co., Bridgeport, Conn.  
 \*†Wilcox Silver Plate Co. (Br. of International Silver Co.), Meriden, Conn.  
 †Williams Bros. Mfg. Co., Glastonbury, Conn.

### 13702a—\*Single Phase Railway System

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.  
*See adv index at end of book*

### 13703—Singletrees, Doubletrees & Whiffletrees (Wood)

Acme Wagon Co., Emigsville, Pa.  
 Adams E. B. & Son, Racine, Wis.  
 Ashboro Wheelbarrow Co., (Singletrees Only), Ashboro, N. C.  
 Atkins Bros., Attoaway, Va.  
 Baltimore Hub-Wheel & Mfg. Co., Falls-way & Gy, Baltimore, Md.  
 Buckeye Handle, Gear & Bending Co., Alliance, O.  
 Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.  
 Burrough-Ross-Colville Co., McMinnville, Tenn.  
 Campbell & Dann Mfg. Co., Tullahoma, Tenn.  
 Canfield Mfg. & Novelty Co., Canfield, O.  
 Carriage Woodstock Co., Owensboro, Ky.  
 Collins Hilton Co. (Plow & Wagon Singletrees & Doubletrees), Louisville, Ky.  
 Columbiana Mfg. Co., Columbiana, O.

Crane & MacMahon ("Star," "Hickory"), 10 Bridge, New York  
 Crook Son & Co., Hicksville, O.  
 Dugger & Goshorn, Memphis, Tenn.  
 Faeth Iron Co. (Iron), Kansas City, Mo.  
 Fort Smith Rim & Bow Co., Fort Smith, Ark.  
 Gillette W. H. Mfg. Co., Louisville, Ky.  
 Graham Thos. & Co., Madison, Ind.  
 Hartwell Bros. (Singletrees), Chicago Heights, Ill.  
 Hartwell C. L. & Co. (Single & Double-trees Only), Chicago Heights, Ill.  
 Harvey Spring & Forging Co., Racine, Wis.  
 Heider Mfg. Co. (Wagon, Plow, etc), Carroll, Ia.  
 Heiser J. B., Atwater, O.  
 Hershel R. Mfg. Co., Single & Double-trees, Peoria, Ill.  
 Holt Bros. Mfg. Co., Concord, N. H.  
 Hoyt John Co., Delaware, N. J.  
 Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.  
 Kentucky Rim & Shaft Co., Louisville, Ky.  
 Lack Singletree Co. ("Noxall," "National"), Paducah, Ky.  
 Lamb-Fish Lumber Co., Charleston, Miss.  
 Lebzelter Phillip & Son Co., Lancaster, Pa.  
 Leonard F. B. & Co., Metropolis, Ill.  
 Lindsay Mfg. Co., Ottumwa, Ia.  
 Look & Lincoln, Marion, Va.  
 Manchester Mfg. Co., Manchester, Tenn.  
 Mason F. C. & Co., St. Johns, Mich.  
 Medina Bending Works, Medina, O.  
 Metropolis Bending Co., Metropolis, Ill.  
 Mills Ellsworth Co., Keokuk, Ia.  
 Nixdorf-Krein Mfg. Co., St. Louis, Mo.  
 North Indianapolis Cradle Works, Indianapolis, Ind.  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Parry Mfg. Co., Indianapolis, Ind.  
 Peterson Samuel, Warren, Pa.  
 Phipps J. H. Lumber Co., Fayetteville, Ark.  
 Pioneer Pole & Shaft Co., Piqua, O.  
 Prouty C. & Co., Eldred, Pa.  
 Racine General Mfg. Co., Racine, Wis.  
 Reno Mfg. Co., Erie, Pa.  
 Sequatchie Handle Works, Sequatchie, Tenn.  
 Shupp Simon, Effort, Pa.  
 Southern Plow Co., Columbus, Ga.  
 Stevens A. E. & Co., Portland, Me.  
 Tanner D. F., Holland, N. Y.  
 Thornburgh Mfg. Co., Bowling Green, O.  
 Titusville Handle Co., Titusville, Pa.  
 Toledo Bending Co., Toledo, O.  
 Toledo Carriage Woodwork Co., Toledo, O.  
 Towers & Sullivan Mfg. Co., Rome, Ga.  
 Turnbull Wagon Co. (Hickory Wagon Sets), Defiance, O.  
 Turner, Day & Woodworth Handle Co., Louisville, Ky.  
 Vehicle Supply Co., Cairo, Ill.  
 Von Behren Mfg. Co., Evansville, Ind.  
 Walrath Abram Co., Weedsport, N. Y.  
 Westwood Turning Co., Fremont, O.  
 Wildermuth Bending Co., Columbus, O.

### 13704—Singletrees (Hay Hoisting)

Louden Machinery Co., Fairfield, Ia.  
 Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*

### 13705—Singletrees & Doubletrees (Steel)

Avery B. F. & Sons, Louisville, Ky.  
 Diamond Forging & Mfg. Co., Chartiers & Ridge av, Pittsburgh, Pa.  
 Empire Plow Co., 3140 E 65th, Cleveland, O.  
 Southern Plow Co., Columbus, Ga.  
 Towers & Sullivan Mfg. Co., Rome, Ga.  
 U. S. Pressed Steel Co., Ypsilanti, Mich.  
 Youngstown Iron & Steel Co., Youngstown, O.

### 13706—Sink Backs

Lalace & Grosjean Mfg. Co. (Seamless Wrought Steel), 299 B'way, New York

### 13707—Sinkers (Fish Line)

Meisselbach A. F. & Bros ("Bell-Fast"), 29 Congress, Newark, N. J.

### 13708—\*Sinks (Kitchen)

ALBERT G. G. & CO. (Slate), Bangor, Pa.  
 Fords Porcelain Works, Perth Amboy, N. J.  
 Lipp Louis Co., Mitchell av, Cincinnati, O.



## • Sinks (Porcelain)

See Bath Tubs, Porcelain

## 13709—Sinks (Pot &amp; Vegetable)

Sexton S. B. Stove & Mfg. Co. (Hotel, etc),  
500 Block W. Conway, Baltimore, Md.

## 13710— Sinks &amp; Trays

See also Bath Tubs, Various Kinds; also  
Laundry Tubs, Various Kinds

Alberene Stone Co. (Soapstone), 223 E 23d,  
New York  
**ALBERT G. G. & CO.** (Slate), Bangor, Pa.  
 American Foundry & Mfg. Co., 11th &  
 Herbert, St. Louis, Mo.  
 Auld & Conger Co. (Soapstone), 942 Pros-  
 pect, Cleveland, O.  
 Barnes Mfg. Co. (Enameled Kitchen  
 Rolled & Flat Rim Sinks), Mans-  
 field, O.  
 Bieg Henry (White Porcelain), 56 Walla-  
 bout, Brooklyn, N. Y.  
 Blairville Sanitary Co. (Enameled Iron),  
 Blairsville, Pa.  
 Cahill Iron Works ("Southern Beauty"  
 Enameled Iron), Chattanooga, Tenn.  
 Central Foundry Co. (Cast Iron), 90  
 West, New York  
 Columbia Sanitary Mfg. Co. (Enameled  
 Ware), Louisville, Ky.  
 Crestline Mfg. Co. (Cast Iron), Crestline,  
 Ohio  
 Douglas Jno. Co., Carthage, Cincinnati, O.  
 Ebinger D. A. Sanitary Mfg. Co. (Enameled  
 Iron) 181 Lucas, Columbus, O.  
 Euclid Stone & Brick Co. ("Euclid" Stone),  
 Cleveland, O.  
 Glenn Fred E. (Kitchen & Slop Sinks),  
 St. Charles, Ill.  
 Graham Charles Chemical Pottery Works  
 (White Porcelain & Brown Vitrified),  
 980 Metropolitan av, Brooklyn, N. Y.  
 Hains Jones & Cadbury Co. ("Hajoca"  
 Cast Iron), 1136 Ridge av, Philadel-  
 phia, Pa.  
 Humphries Mfg. Co. (Cast Iron Porce-  
 lain Enameled, for Factories), Mans-  
 field, O.  
 Indiana Hollow Ware Co., Jeffersonville,  
 Ind.  
 Iron City Sanitary Mfg. Co. (Enameled  
 Iron), Oliver bldg, Pittsburgh, Pa.  
 Johnson J. D. Co. (Copper), 54 Cliff, New  
 York  
 Keenan Struct. Slate Co. (Slate), Easton,  
 Pa.  
 Kilbourne & Jacobs Mfg. Co. (Wrought  
 Steel), Columbus, O.  
 Kohler Co. (Enameled Iron), Sheboygan,  
 Wis.  
 Koven L. O. & Bro., 154 Ogden av, Jersey  
 City, N. J.  
 Lalance & Grosjean Mfg. Co. (Seamless  
 Wrought Steel, "L. & G."), 299 B'way,  
 New York  
 Limberg Enameling Co. (Enameled Iron),  
 Florence & Symmes, Cincinnati, O.  
 Litterer Bros. Mfg. Co. (Pantry), 154  
 Whiting, Chicago, Ill.  
 Lodge Mfg. Co. (Cast Iron Stamped), South  
 Pittsburgh, Tenn.  
 McDonald A. Y. Mfg. Co. (Slop), Du-  
 buque, Ia.  
 McVay-Walker Co. (Enameled), Braddock,  
 Pa.  
 Maddock Thomas Sons Co. (Earthenware),  
 Trenton, N. J.  
 Monson Maine Slate Co. (Slate), 112  
 Water, Boston, Mass.  
 Mott J. L. Iron Works (Porcelain & Iron  
 Enameled), Trenton, N. J.  
**NASON MFG. CO., 71 Fulton, New York**  
*See adv index at end of book*  
 National Enameling & Stamping Co.  
 (Kitchen Sinks, Wrought Steel), 411  
 5th av, New York  
 Nelson N. O. Marble Co. (Slate), Edwards-  
 ville, Ill.  
 New York Slate Works (Slate), 255 E  
 138th, New York  
 Noyes & Nutter Mfg. Co. (Cast Iron),  
 Bangor, Me.  
 Phoenix Slate Co. (Slate), Windgap, Pa.  
 Phoenix Soapstone Co. (Soapstone), 71  
 Murray, New York  
 Richmond Radiator Co. (Enameled Iron),  
 1480 B'way, New York  
 Scotch Hill Slate Co. (Slate), Fair Haven,  
 Vt.  
 Shimer Slate Co. (Slate) Bangor, Pa.  
 Slatington Slate Co. (Slate), Slatington, Pa.  
 Standard Sanitary Mfg. Co. (Enameled  
 Iron), Bessemer bldg. Pittsburgh, Pa.

Swett A. L. Iron Wks. (Cast Iron),  
 Medina, N. Y.  
**Trageser Jno. Steam Copper Works (Cop-  
 per), 447 W 26th, New York**  
 Trenton Potteries Co. (Earthenware),  
 Trenton, N. J.  
 Unger John F. Co., (Slate) Slatington, Pa.  
 Union Sanitary Mfg. Co. (Cast Iron  
 Enameled), Noblesville, Ind.  
 United States Sanitary Mfg. Co. (Enam-  
 eled Iron), Arrott bldg, Pittsburgh,  
 Pa.  
 Vollrath Co. ("Vollrath" Enameled Sinks),  
 Sheboygan, Wis.  
 Vermont Unfading Green Slate Co. (Slate),  
 Fair Haven, Vt.  
 Walls, Owen & Stambach Co. (Soapstone),  
 11th & Hamilton, Philadelphia, Pa.  
 Weiskittel A. & Son Co. (Enameled Iron),  
 12th & E Lombard, Baltimore, Md.  
 Wheeling Sanitary Mfg. Co. (Enameled  
 Iron), Wheeling, W. Va.  
 Wolff L. Mfg. Co. (Cast Iron, Steel, Por-  
 celain Lined, Grey, Enameled Slate &  
 Soapstone), 601 W Lake, Chicago, Ill.

## 13711— Siphons (Sewage)

Merritt Hydraulics Co. ("Moise," "Mer-  
 ritt," Automatic Flushing Aerlock  
 for Control of Sewage & Other  
 Liquids), 110 N Broad, Phila., Pa.  
 Modern Iron Works ("Rhoads-Williams"  
 Raw Sewage), Quincy, Ill.  
 Priestman Albert ("Merritt" Automatic  
 Flushing Aerlock for Control of Sew-  
 age and Other Liquids), 328 Chestnut,  
 Philadelphia, Pa.

13712—Siphons (Water, for Flush-  
ing Sewers)Merritt Hydraulics Co., 110 N Broad,  
Phila. Pa.

## 13713— Size

See also Paste

American Type Founders Co. (Gold), 200  
 William, New York  
 Arabol Mfg. Co. (Dry Rosin; also Hot &  
 Cold Water, etc), 100 William, New  
 York  
 Ault & Wiborg Co. (Gold), Cincinnati, O.  
 Babcock Jno. & Co. (Gold), Allston, Bos-  
 ton, Mass.  
 Boley C. H. Co. ("Aamcolose" Textile),  
 3722 N Randolph, Philadelphia, Pa.  
 Bosson & Lane, Atlantic, Mass.  
 Chemical Products Co. (Hat Size), 93  
 Broad, Boston, Mass.  
 Clark Paper & Mfg. Co. ("Clarksizes,"  
 "Spon-Tem," "Stek-O" Powder), Roch-  
 ester, N. Y.  
 Cleveland Varnish Co. (Gold), 3111 E  
 87th, Cleveland, O.  
 Cott-a-Lap Co. ("Bull Dog" & "Magic"  
 Wall Paper), Somerville, N. J.  
 Devoe & Reynolds Co., Inc. (Gold), 101  
 Fulton, N. Y.  
 Diamond Paste Co. (Vegetable), Albany,  
 N. Y.  
**FOX M. EWING CO.** (Painters' & Paper-  
 hangers'), 241 E 136th, New York  
*See adv index at end of book*  
 Fuller H. B. Co. ("Fullers Barnacle"  
 Paperhangers & Painters), St. Paul,  
 Minn.  
 McMeekan D. Mfg. Co. (Paper & Textile),  
 1070 Pacific, Brooklyn, N. Y.  
 Manhattan Color Works ("Manhattan"  
 Alum Size), 793 11th av, New York  
 Mayer & Loewenstein (Gold), 164 Water,  
 New York  
 Morrill Geo. H. Co. (Gold), Norwood,  
 Mass.  
 Munro Robt. A. & Co., 56 Pine, New York  
 National Gum & Mica Co., 59th & 11th av,  
 New York  
**PAPER MAKERS CHEMICAL CO.**  
 (Rosin), Easton, Pa.  
 Pawtucket Mordant Co., Pawtucket, R. I.  
 Pierce F. O. Co. (Gold), 12 W B'way, New  
 York  
 Providence Drysalters Co. (Textile), 86  
 Weybosset, Providence, R. I.  
 Providence Sizing Co., Cranston, R. I.  
 Rauskolb Fred W. Co. (Gold), 103 Arch,  
 Boston, Mass.  
 Royal Chemical Co. (Textile), Phenix,  
 R. I.  
 Schweitzer Samuel, 660 W Lake, Chicago,  
 Ill.  
 Seydel Mfg. Co. ("Sizol"), 88 Forest, Jer-  
 sey City, N. J.

Sisk R. J. Mfg. Co. (Paperhangers & Paint-  
 ers), New London, Conn.  
 Tanner Chas. S. Co. (Textile), 250 So  
 Water, Providence, R. I.  
 Waxene Size Co., Fall River, Mass.  
 Wiggins H. B. Sons Co., Bloomfield, N. J.  
 Wolf Jacques & Co., Passaic, N. J.  
 Zobel Ernst Co., 112 2d av, Bklyn, N. Y.

## 13714— Sizers (Broom)

Walrath Alphonso Co. ("Hurt"), Fort  
Plain, N. Y.

## 13715— Sizers (Screenless)

Stearns-Roger Mfg. Co. ("McKesson-  
Rice"), Denver, Colo.

## 13716—Sizers (Wood Turners')

Kraeuter &amp; Co., 583 18th av, Newark, N. J.

## 13716a— Sizings (Rosin)

**VERA CHEMICAL CO.** (for Paper Mfrs.)  
 No. Milwaukee, Wis., Stoneham, Mass.  
 Burlington, Ont., Canada

## 13717— Skates (Ice)

Barney & Berry, Springfield, Mass.  
 Brown Spring Ice Skate Co., Webster City,  
 Iowa  
 Conron-McNeal Co (Extension), Kokomo,  
 Ind.  
 Johnson Nestor Mfg. Co. ("Hockey"), 1287  
 N California av, Chicago, Ill.  
 King Joseph Mfg. Co., Troy, N. Y.  
 Kohler Die & Specialty Co. ("20th Cen-  
 tury"), De Kalb, Ill.  
 Lowentraut P. Mfg. Co. ("U. S."), 36  
 Brenner, Newark, N. J.  
 Planert F. W. & Son, 941 N Robey, Chi-  
 cago, Ill.  
 Strauss J. E. ("Strauss Diamond Edge"  
 Racing), St. Paul, Minn.  
 Union Furnace Mfg. Co., Union Furnace,  
 Pa.  
 Union Hardware Co., Torrington, Conn.  
 Winslow Samuel Skate Mfg. Co., Worces-  
 ter, Mass.

## 13718— Skates (Roller)

American Skate & Mfg. Co. ("Rollfast"  
 Ball Bearing), Reading, Pa.  
 Barney & Berry, Springfield, Mass.  
 Brown Spring Ice Skate Co., Webster  
 City, Ia.  
 Chicago Roller Skate Co. ("Velvet Thread"  
 Ball Bearing), 224 N Ada, Chicago,  
 Ill.  
 Gropper M. & Sons ("Crown Roller"), 36  
 Union sq, New York  
 Kohler Die & Specialty Co. ("20th Cen-  
 tury"), De Kalb, Ill.  
 Richardson Ball Bearing Skate Co. (Pneu-  
 matic), 154 E Erie, Chicago, Ill.  
 Union Hardware Co., Torrington, Conn.  
 Winslow Samuel Skate Mfg. Co., Worces-  
 ter, Mass.

## 13719— Skeins (Wagon)

American Skein & Foundry Co. ("Rocky  
 Mountain" Steel, "Sandage," "Colum-  
 bus," "Red Label," "Anderson Lead-  
 er" Wrought Steel, "D. V." "Indiana"  
 Cast, "Brown's," "Hoosier"), Racine,  
 Wis.  
 Illinois Iron & Bolt Co. ("D. V. & Co."  
 "I. I. & B. Co." "Dundee" Cast Iron,  
 "Columbus," "Sandage," "Western,"  
 "Standard" Steel), Carpentersville, Ill.  
 St. Louis Malleable Casting Co. (Mall.  
 Iron), 7701 N Conduit av, St. Louis,  
 Mo.  
 Schreyer G. Co. (Steel), Columbus, O.  
 Southern Skein & Foundry Co. (Steel &  
 Cast), Chattanooga, Tenn.  
 Studebaker Corp., South Bend, Ind.

## 13720—Skeins &amp; Boxes (Thimble)

Colebrookdale Iron Co., Pottstown, Pa.

## 13721— Skewers (Steel, Meat)

Auer John, Jr., 197 Middleton, Brooklyn,  
 New York  
 Brecht Co., 1201 Cass av, St. Louis, Mo.  
 Central Stamping Co. ("Puritan"), 174  
 Fulton, New York  
 Hamblin & Russell Mfg. Co., Worcester,  
 Mass.  
 Lalance & Grosjean Mfg. Co., 299 B'way,  
 New York



Landers, Frary & Clark, New Britain, Conn.  
Morgan Spring Co., Worcester, Mass.  
National Mfg. Co., ("Natwire"), Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.

### 13722—Skewers (Wood)

Atwood, Crawford Co., Pawtucket, R. I.  
Berst Mfg. Co., Saginaw, Mich.  
Bogert & Hopper (Meat & Burlap), 67 Barclay, New York  
ESTES E. B. & SONS, 358 5th av, New York  
See *adv index at end of book*  
Grover R. A., Andover, Me.  
National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.  
Peirce W. E. & Co., Milford, N. H.  
Setter Bros. Co., Cattaraugus, N. Y.  
STILES H. A. & CO., 93-97 Oliver, Boston, Mass.  
See *adv index at end of book*  
Weiss & Lesh Mfg. Co., Muncie, Ind.

### 13723—Ski Mfrs.

Northland Ski Mfg. Co., St. Paul, Minn.  
Paris Mfg. Co., South Paris, Maine  
Penobscot Snow Shoe Co., Olamont, Me.  
Strand Martin A., New Richmond, Wis.  
Tubbs W. F., Norway, Me.

### Skidders (Log)

See Log Skidding & Loading Machines

### 13724—Skids

Diamond Iron Works, 2nd & 18th av N, Minneapolis, Minn.  
Fairbanks Co., 416 Broome, New York  
Gruman Ice Tool Works, Branchville, Conn.  
Howe Scale Co. of Ill., 1315 S Wabash av, Chicago, Ill.  
Kilbourne & Jacobs Mfg. Co., Columbus, O.  
Lansing Co., Lansing, Mich.  
Michigan Truck & Lumber Co., Holly, Mich.  
National Iron Co. (Mining & Derrick), Duluth, Minn.  
N. Y. Wheelbarrow Co., 180 West, New York  
Rome Scale & Mfg. Co (Barrel), Rome, Ga.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

### 13725—Skid-Shoes

Railway Appliance Co. ("R.-A."), 122 S Mich av, Chicago, Ill.

### Skimmers (Boiler)

See Cleaners, Skimmers, Boiler

### 13726—Skimmers (Tanners')

Emrich Phil., 824 Main, Cincinnati, O.

### 13727—\*Skips (Cableway)

CLYDE IRON WORKS, Duluth, Minn.  
See *adv index at end of book*

### 13728—Skips (Mining)

See also Cages, Mining

ALLIS-CHALMERS MFG. CO. (Dumping & Hoisting), Milwaukee, Wis.  
See *adv index at end of book*  
Atlas Car & Mfg. Co., Cleveland, O.  
See *adv index at end of book*  
Easton Car & Construction Co., 4th, Easton, Pa.  
HUNT C. W. CO., West New Brighton, N. Y.  
See *adv index at end of book*  
Imperial Iron Works, Duluth, Minn.  
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.  
Lake Shore Engine Works ("De Beer's" Self-Dumping, etc), Marquette, Mich.  
Lakewood Engineering Co., Cleveland, O.  
See *adv index at end of book*  
LINK-BELT CO., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.  
See *adv index at end of book*  
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

Sanford-Day Iron Works, Knoxville, Tenn.  
Stephens-Adamson Mfg. Co. ("S.-A." Steel), Aurora, Ill.

Stuebner G. L. Iron Works (Hoisting & Dumping), Queensboro Terminal, Long Island City, N. Y.

See *adv index at end of book*

Traylor Engng. & Mfg. Co., Allentown, Pa.

Truax Mfg. Co., Denver, Colo.

Wellman-Seaver-Morgan Co., Cleveland, O.  
Worthington Pump & Machy. Corp., 115 B'way, New York

### 13728a—\*Skips (Stone & Cement)

See also Boxes, Scale

Lakewood Engineering Co., Cleveland, O.  
See *adv index at end of book*

### Skips (Stone or Concrete)

(See Boxes, Scale)

### 13729-30—Skylight Ventilating Apparatus

See also Ventilating Apparatus for Greenhouses & Buildings

Drouve G. Co. ("Lovell" & "Straight Push"), 40 Tulip, Bridgeport, Conn.  
Evans John A. Co. ("The Evans"), Richmond, Ind.

Kirk Habicht Co. (Lifts), 108 S Calvert, Baltimore, Md.

Lyster Sheet Metal Co. ("Lyster"), 1220 Filbert, Phila., Pa.

Mertz John Mfg. Co., Sandusky, O.

See *adv index at end of book*

Milwaukee Corrugating Co., Milwaukee, Wis.

Payson Mfg. Co. ("Harris"), 2918 W Jackson blvd, Chicago, Ill.

### Skylights

See Cornices & Skylights; also Sub-Classifications following

### 13731—\*Skylights (Ornamental Iron)

Consolidated Sheet Metal Wks., 661 Hubbard, Milwaukee, Wis.

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See *adv index at end of book*

### Skylights (Prism System)

(See Glass, Prismatic)

### 13732—Skylights (Puttyless)

Basman A. M. & Co., 468 Fort W., Detroit, Mich.

Drouve G. Co., 40 Tulip, Bridgeport, Conn.  
Lupton's, David Sons Co. ("Lupton" Rolled Steel), Allegheny av & Tulip, Phila., Pa.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

National Skylight & Vent Co., Rochester, N. Y.

National Ventilating Co., 337 E 26th, New York

Nonpareil Skylight Co., 2611 Penna. av, N W, Washington, D. C.

Schoedinger F. O., 146 N 3d, Columbus, O.  
Van Noorden E. & Co. ("Anchor Bar"), 100 Magazine, Boston, Mass.

### 13733—Slabs (Marble)

Nelson N. O. Marble Co., Edwardsville, Ill.

### 13734—Slabs (Oil Stone)

McDermott Stone Co., McDermott, O.

### 13735—Slag (Concrete & Roofing, Etc.)

American Slag Co. Land Title bldg., Phila., Pa.

Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.

Birmingham Slag Co., Jeff. Co. Bk. bldg, Birmingham, Ala.

Duquesne Slag Products Co. (For Concrete R. R. Ballast, Roofing, Roads, etc), Diamond Bank bldg, Pittsburgh, Pa.

Emanuel & Co., Catasauqua, Pa.

Empire Slag Co., Watervliet, N. Y.

Illinois Improvement & Ballast Co., 208 S La Salle, Chicago, Ill.

Little Wm., Conshohocken, Pa.

Perry Iron Co. (Granulated), Erie, Pa.

Robinson Thos. & Co., Real Estate Trust bldg, Phila., Pa.

Standard Slag Co., Youngstown, O.

Temple Slag Co., Land Title bldg, Philadelphia, Pa.

Thomas Furnace Co. (Crushed), 740 Kin-nickinnick, Milwaukee, Wis.

### 13736—Slate Columns

American Slate Co., Easton, Pa.

Criterion Slate Co., Hydeville, Vt.

Vermont Unfading Green Slate Co., Fair Haven, Vt.

### 13737—Slate (Crushed)

Central Commercial Co., 111 N Market, Chicago, Ill.

### 13738—Slate Dust

Slatington Slate Co., Slatington, Pa.

### 13739—Slate Floor Tile

Algonquin Slate Products Co., Worcester, Mass.

American Slate Co., Easton, Pa.

Bangor Slate Co., Bangor, Pa.

Blue Mountain Slate Co., Slatington, Pa.

Coulman & Westcott, Fair Haven, Vt.

Durick, Keenan & Co., Fair Haven, Vt.

East Bangor Consolidated Slate Co., East Bangor, Pa.

Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.

General Slate Co., 200 Devonshire, Boston, Mass.

Hammann Slate Co., Bangor, Pa.

Hinchey Patrick F. & Co., Hydeville, Vt.

Hower J. K., Danielsville, Pa.

Keenan Structural Slate Co., Easton, Pa.

Lehigh Structural Slate Mfg. Co., Bangor, Pa.

Minogue Bros. & Quinn, Hydeville, Vt.

North Bangor Slate Co., Bangor, Pa.

Old English Slate Quarries, 200 Devonshire, Boston, Mass.

Penrhyn Slate Co., Hydeville, Vt.

Slatington Slate Co., Slatington, Pa.

Vermont Unfading Green Slate Co., Fair Haven, Vt.

Williams Slate Co., Arvon, Va.

### 13740—Slate Flour

Algonquin Slate Products Co. (Red & Olive), Worcester, Mass.

Atlas Mineral Products Co., Lincoln, N. J.

Doggett Stanley, 11 Cliff, New York

Hower J. K., Danielsville, Pa.

### 13741—Slate for Electrical Purposes

American Slate Co., Easton, Pa.

Bangor Slate Co., Bangor, Pa.

BANGOR SLATE MINING CO., Bangor, Pa.

Bangor Structural Slate Co. (Jobbers), Bangor, Pa.

Blue Mountain Slate Co., Slatington, Pa.

Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.

Bonville Bros., Fair Haven, Vt.

Bonville Edw., Fair Haven, Vt.

Clark & Flanagan, Fair Haven, Vt.

Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.

Coulman & Westcott, Fair Haven, Vt.

Crown Slate Co., Pen Argyl, Pa.

Durick & Flanagan Co., Fair Haven, Vt.

EAST BANGOR CONSOLIDATED SLATE CO., East Bangor, Pa.

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Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
 Genuine Washington Slate Co., Slatington, Pa.  
 Hammann Slate Co., Bangor, Pa.  
 Hower J. K., Danielsville, Pa.  
 Hydeville Slate Works, Hydeville, Vt.  
 Jones & Francis, Fair Haven, Vt.  
 Keenan Structural Slate Co., Easton, Pa.  
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.  
 McGratty & Sons, 313 Butler, Brooklyn, N. Y.  
 M'Namara Bros., Fair Haven, Vt.  
 Monarch Black Board & Structural Slate Co., Slatington, Pa.  
 New York Slate Works, 255 E 138th, New York  
 North Bangor Slate Co., Bangor, Pa.  
 O'Day Bros. (Plain & Marbleized), Hydeville, Vt.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Ontalaunee Slate Mfg. Co., Lynnport, Pa.  
 Penna. Blackboard Co., Slatington, Pa.  
 Penrhyn Slate Co., Hydeville, Vt.

**Portland-Monson Slate Co.**  
 Quarriers of  
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 Natural Black, Oil Finish  
 Quarries, Monson, Maine  
 Office  
 Portland, Maine

Shenton Thos. H., Slaton, Pa.  
 Shimer Slate Co. (Jobbers), Bangor, Pa.  
 Slatington Slate Co., Slatington, Pa.  
 Vermont Unfading Green Slate Co., Fair Haven, Vt.  
 Woodley Slate Co., Bangor, Pa.  
 Young A. B. Co., Fair Haven, Vt.

### Slate Grave Covers

See Burial Cases & Vaults, Slate

### 13742—Slate (Laminated)

Central Commercial Co. (Miners'), 111 N Market, Chicago, Ill.

### 13742a—\*Slate (Landscape Garden Work & Terrace)

**OLD ENGLISH SLATE QUARRIES**, 200 Devonshire, Boston, Mass.

### 13743—Slate (Mausoleum or Catacomb)

Bangor Slate Co., Bangor, Pa.  
 Bangor Slate Mining Co., Bangor, Pa.  
 East Bangor Consolidated Slate Co., East Bangor, Pa.  
 Hammann Slate Co., Bangor, Pa.  
 Keenan Structural Slate Co., Easton, Pa.  
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.  
 North Bangor Slate Co., Bangor, Pa.  
 Shimer Slate Co. (Jobbers), Bangor, Pa.  
 Vermont Unfading Green Slate Co., Fair Haven, Vt.

### 13744—Slate Mill Stock

Algonquin Slate Products Co., Worcester, Mass.  
 American Slate Co., Easton, Pa.  
 Bangor Slate Co., Bangor, Pa.  
 Bangor Slate Mining Co., Bangor, Pa.  
 Bangor Structural Slate Co. (Jobbers), Bangor, Pa.  
 Blue Mountain Slate Co., Slatington, Pa.  
 Bonville Bros., Fair Haven, Vt.  
 Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.  
**EAST BANGOR CONSOLIDATED SLATE CO.**, East Bangor, Pa.  
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
**GENUINE BANGOR SLATE CO.**, Easton & Bangor, Pa.  
 Hahn Granville (Mantel Stock), Walnut Port, Pa.

Hammann Slate Co., Bangor, Pa.  
 Hinchey Patrick F. & Co., Hydeville, Vt.  
 Hower J. K., Danielsville, Pa.  
 International Slate Co., Slatington, Pa.  
 Keenan Structural Slate Co., Easton, Pa.  
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.  
**NORTH BANGOR SLATE CO.**, Bangor, Pa.  
 Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Ontalaunee Slate Mfg. Co., Lynnport, Pa.  
 Peerless Slate Co., Delta, Pa.  
 Shimer Slate Co. (Jobbers), Bangor, Pa.  
 Slatington Slate Co., Slatington, Pa.  
 Stoddard D. & Sons, Bangor, Pa.  
 Vermont Unfading Green Slate Co., Fair Haven, Vt.  
 Williams Slate Co., Arvon, Va.  
 Woodley Slate Co., Bangor, Pa.

### 13745—Slate Morgue & Dissecting Slabs

Bangor Slate Co., Bangor, Pa.  
 Bangor Structural Slate Co. (Jobbers), Bangor, Pa.  
 East Bangor Consolidated Slate Co., East Bangor, Pa. See adv index at end of book  
 Hammann Slate Co., Bangor, Pa.  
 Keenan Structural Slate Co., Easton, Pa.  
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.

### Slate (Plumbers')

See Slate Urinal Slabs, etc.

### Slate Radiator Tops

See Slate Stairs, Treads & Risers

### Slate Refrigerator Linings

See Slate Stair Treads & Risers

### 13746—Slate Register Frames or Borders

American Slate Co., Easton, Pa.  
 Coulman & Westcott, Fair Haven, Vt.  
 Durick Keenan & Co., Fair Haven, Vt.  
 Hinchey Patrick F. & Co., Hydeville, Vt.  
 Monson Maine Slate Co., 112 Water, Boston, Mass.  
 Nelson N. O. Marble Co., Edwardsville, Ill.  
 North Bangor Slate Co., Bangor, Pa.  
 Ontalaunee Slate Mfg. Co., Lynnport, Pa.  
 Peerless Slate Co., Delta, Pa.  
 Williams Slate Co., Arvon, Va.

### Slate (School)

See Slates, School; also Black Boards, Slate

### Slate Sinks

See Laundry Tubs, Slate; also Slate Urinal Slabs, Etc.

### 13747—Slate Stair Treads & Risers

Albion Bangor Slate Co., Wind Gap, Pa.  
 Algonquin Slate Products Co., Worcester, Mass.  
 American Slate Co., Easton, Pa.  
**BANGOR SLATE MINING CO.**, Bangor, Pa.  
 Bangor Structural Slate Co. (Jobbers), Bangor, Pa.  
 Blue Mountain Slate Co., Slatington, Pa.  
 Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.  
 Coulman & Westcott, Fair Haven, Vt.  
 Crown Slate Co., Pen Argyl, Pa.  
 Durick Keenan & Co., Fair Haven, Vt.  
**EAST BANGOR CONSOLIDATED SLATE CO.**, East Bangor, Pa.  
 Excelsior Slate Co., Pen Argyl, Pa.  
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
 General Slate Co., 200 Devonshire, Boston, Mass.  
 Hahn Granville, Walnut Port, Pa.  
**HAMMANN SLATE CO.**, Bangor, Pa.  
 Hower J. K., Danielsville, Pa.  
 International Slate Co., Slatington, Pa.  
 Keenan Structural Slate Co., Easton, Pa.  
 Kirtland W. H. (Jobbers), 1123 B'way, New York  
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.  
 Miller O. A. Slate Co. (Jobbers), Slatington, Pa.

Monarch Blackboard & Structural Slate Co., Slatington, Pa.  
 Nelson N. O. Marble Co., Edwardsville, Ill.  
 New York Slate Works, 255 E 138th, New York  
**NORTH BANGOR SLATE CO.**, Bangor, Pa.

O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.

Old English Slate Quarries, 200 Devonshire, Boston, Mass.

Ontalaunee Slate Mfg. Co., Lynnport, Pa.

Peerless Slate Co., Delta, Pa.

**Penna. Blackboard Co., Slatington, Pa.**

Penrhyn Slate Co., Hydeville, Vt.

Phoenix Slate Co., Windgap, Pa.

Schaeffer R. F. (Jobber), Bangor, Pa.

Scotch Hill Slate Co., Fair Haven, Vt.

Slatington-Bangor Slate Syndicate (Jobbers), Slatington, Pa.

Tinsman M. L. & Co., Pen Argyl, Pa.

Vermont Unfading Green Slate Co., Fair Haven, Vt.

Washington Slate Co., Slatington, Pa.

Williams Slate Co., Arvon, Va.

Woodley Slate Co., Bangor, Pa.

### 13747a—Slate (Structural)

See Slate; also Stair Treads & Risers

Davis Slate & Mfg. Co., 618 E. 40th, Chicago, Ill.

**JOHNSON E. J., INC.**, 19 W 44th, New York

### 13748—Slate Tanks & Vats

Blue Mountain Slate Co., Slatington, Pa.

Blue Mountain Slate Co., Slatington, East Bangor, Pa.

Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.

Keenan Structural Slate Co., Easton, Pa.

Lehigh Structural Slate Mfg. Co., Bangor, Pa.

Nelson N. O. Marble Co., Edwardsville, Ill.

New York Slate Works ("Empire"), 255 E 138th, New York

Old English Slate Quarries, 200 Devonshire, Boston, Mass.

Penrhyn Slate Co., Hydeville, Vt.

Portland-Monson Slate Co. ("Monson"), Portland, Me. See adv index at end of book

Vermont Unfading Green Slate Co., Fair Haven, Vt.

### Slate Tile

See Slate Floor Tile

### 13749—Slate Urinal Slabs, Etc.

**ALBERT G. G. & CO.**, Bangor, Pa.  
 Algonquin Slate Products Co., Worcester, Mass.

American Slate Co., Easton, Pa.

Bangor Slate Co., Bangor, Pa.

Bangor Slate Mining Co., Bangor, Pa.

Bangor Structural Slate Co. (Jobbers), Bangor, Pa.

Blue Mountain Slate Co., Slatington, Pa.

Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.

Columbus Slate Co. (Jobbers), New Hayden bldg, Columbus, O.

Coulman & Westcott, Fair Haven, Vt.

Durick Keenan & Co., Fair Haven, Vt.

East Bangor Consolidated Slate Co., East Bangor, Pa.

Excelsior Slate Co., Pen Argyl, Pa.

Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.

Hahn Granville, Walnut Port, Pa.

**HAMMANN SLATE CO.**, Bangor, Pa.

Hinchey Patrick F. & Co., Hydeville, Vt.

Hower J. K., Danielsville, Pa.

International Slate Co., Slatington, Pa.

Keenan Structural Slate Co., Easton, Pa.

Klimes J. B. & Co., 24th & Callowhill, Philadelphia, Pa.

Kirtland W. H. (Jobber), 1123 B'way, New York

Lehigh Structural Slate Mfg. Co., Bangor, Pa.

Monarch Blackboard & Structural Slate Co., Slatington, Pa.

Monson Maine Slate Co., 112 Water, Boston, Mass.

Nelson N. O. Marble Co., Edwardsville, Ill.

New York Slate Works, 255 E 138th, New York

**NORTH BANGOR SLATE CO.**, Bangor, Pa.

O'Halloran & Jacobs, Park bldg, Pittsburgh, Pa.



Old English Slate Quarries, 200 Devonshire, Boston, Mass.  
 Ontalaunee Slate Mfg. Co., Lynnport, Pa.  
 Peerless Slate Co., Delta, Pa.  
 Penna. Blackboard Co., Slatington, Pa.  
 Penrhyn Slate Co., Hydeville, Vt.  
 Phoenix Slate Co., Windgap, Pa.  
 Rutland Marble & Granite Co., Rutland, Vt.  
 Scotch Hill Slate Co., Fair Haven, Vt.  
 Shimer Slate Co. (Jobbers), Bangor, Pa.  
 Slatington Slate Co., Slatington, Pa.  
 Snyder E. F., Slatington, Pa.  
 Troy Bros. & Co., 975 Mass. av, Rox, Boston, Mass.  
 Vermont Unfading Green Slate Co., Fair Haven, Vt.  
 Williams Slate Co., Arvonla, Va.

### Slate Vault Lining

See Burial Cases & Vaults. Slate

### 13750— Slates (School)

American Slate Works, Slatington, Pa.  
 Bangor School Slate Co. ("Star," "Crescent"), Bangor, Pa.  
 East Bangor Consolidated Slate Co., East Bangor, Pa.  
 Griffin Bros., Bangor, Pa.  
 National School Slate Co., Slatington, Pa.  
 Shenton Thos. H., Slatedale, Pa.

### 13750a— \*Slats (Coil)

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

### 13751— Slats (Pole)

Hallett Iron Works (Safety), Harvey, Ill.

### 13752— \*Slats (Trunk)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 13753— Sledge Mfrs.

See also Hammers, Heavy

Atha Tool Co. (Stone, Coal, Blacksmiths', etc), Chapel, Newark, N. J.  
 Beall Bros. (Blacksmiths' Stone, etc.), Alton, Ill.  
 Brunner & Lay (Quarry, etc), 570 W Polk, Chicago, Ill.  
 Ernsdorff John Iron Co. ("Jerico" Bob for Farm Use), Dubuque, Ia.  
 Evansville Tool Works (Coal, Blacksmith's Stone, etc), Evansville, Ind.  
 Fulton Tool Works (Miners, etc), Canal Fulton, O.  
 Hammond C. & Son, Ogontz, Pa.  
 Harsoeg Mfg. Co. (Solid Cast Steel), Ottumwa, Ia.  
 Harsoeg Martin Co. (Coal), 922 South av, Pittsburgh, Pa.  
 Heller Bros. Co. (Octagon Turning, etc), 879 Mt. Prospect av, Newark, N. J.  
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 Iron City Tool Works, Ltd. (Solid Cast Steel), 3201 Smallman, Pittsburgh, Pa.  
 Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
 Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
 Plumb Fayette R. (Inc.), Tucker & James, Phila., Pa.  
 Union Drop Forge Co. (Drop Forged), 358 W Grand av, Chicago, Ill.  
 Verona Tool Works, Oliver bldg, Pittsburgh, Pa., & Verona, Pa.  
 Vulcan Tool Mfg. Co., Quincy, Mass.  
 Warren Tool & Forge Co. (Blacksmiths, Blockmakers, Coal, Stone Turning), Warren, O.

## WARWOOD TOOL CO. WHEELING, W. VA.

What Cheer Tool Co. (Cast Steel), What Cheer, Ia.

### 13754— Sleds (Bob)

Acme Wagon Co., Emigsville, Pa.  
 Anderson Co., 2324 University av, St. Paul, Minn.  
 Angle Steel Sled Co., Otsego, Mich.  
 Baker & Bennett Co. (Steering Sleds), 873 B'way, New York  
 Bassett E. C., Sterling, Ill.

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Belknap Wagon Co., Grand Rapids, Mich.  
 Bristol & Gale Co., 158 Carroll av, Chicago, Ill.  
 Buffalo Sled Co., N Tonawanda, N. Y.  
 Carriage & Toy Co., 741 W Lombard, Baltimore, Md.  
 Conner J. W. & Son, Orangeville, Pa.  
 Cooper A. A. Wagon & Buggy Co., DuBuque, Ia.  
 Donaldson Bros., Mount Clemens, Mich.  
 Evans B. A., Hammond, N. Y.  
 Everts Mfg. Co., Meridian, N. Y.  
 Kalamazoo Sled Co. ("Presto" Coasting), Kalamazoo, Mich.  
 Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.  
 Koch & Son Mfg. Co., St. Cloud, Minn.  
 La Crosse Plow Co., La Crosse, Wis.  
 Lansing Co., Lansing, Mich.  
 Lenhart Wagon Co., 2600 University av S E, Minneapolis, Minn.  
 Moline Plow Co. (Mandt), Moline, Ill.  
 Northwestern Mfg. Co., Fort Atkinson, Wis.  
 Parker Plow Co., Richmond, Mich.  
 Patterson Mfg. Co., Holly, Mich.  
 Sheboygan Coaster & Wagon Works ("Favorite" Steel, Also Wood Clippers), Sheboygan, Wis.  
 Smith Mfg. Co., La Crosse, Wis.  
 Standard Novelty Works, Duncannon, Pa.  
 Sterling Mfg. Co., Sterling, Ill.  
 Stoughton Wagon Co., Stoughton, Wis.  
 Streich A. & Bro. Co. (Farm, Log, etc), Oshkosh, Wis.  
 Studebaker Corp., South Bend, Ind.  
 Sweet B. F. & H. L. Co. ("Common Sense"), Fond du Lac, Wis.  
 Tanner D. F., Holland, N. Y.  
 Thornburgh Mfg. Co. ("Famous Burton"), Bowling Green, O.  
 Turnbull Wagon Co., Defiance, O.  
 Turney Joel & Co., Fairfield, Ia.  
 Vaughn Mfg. Co., Jefferson, Wis.  
 Western Steel & Iron Works ("Western"), De Pere, Wis.

### 13755—Sleds (Steering, Childrens')

Allen S. L. & Co. (Flexible Flyer "Fire Fly"), Denckla bldg, Philadelphia, Pa.  
 Bent Rung Ladder & Mfg. Co., Indiana, Pa.  
 Buffalo Sled Co. ("Fleetwing" Steering on Runners), North Tonawanda, N. Y.  
 Carriage & Toy Co. ("Monoplane"), 741 W Lombard, Baltimore, Md.  
 Garton Toy Co. (Boys', Wood & Steel), Sheboygan, Wis.  
 John's Stamping & Machine Work Co. ("Three-in-One"), Cleveland, O.  
*See adv index at end of book*  
 Kalamazoo Sled Co., Kalamazoo, Mich.  
 Martin & Heagy Mfg. Co. ("Hickory Coaster"), Elizabethtown, Pa.  
 Richards-Wilcox Mfg. Co. ("Richards," "Little Giant" Folding & "Flexifold" Steering), Aurora, Ill.  
 Safety Sled Co. ("Safety"), Mt. Jewett, Pa.  
 Sherwood Bros. Mfg. Co. (Childrens' Bob), Canastota, N. Y.  
 Standard Novelty Works ("Lightning Guide"), Duncannon, Pa.  
 Steinfeld Bros. ("Steinfeld," Sleds & Steering Coasters), 116 W 32d, New York  
 Toledo Metal Wheel Co. ("Toledo" Steering Coasters & Rigid Sleds), Toledo, O.  
 Wagner Mfg. Co. ("Wagner" Steel Bob Steering Coaster), Cedar Falls, Ia.

### 13756— Sleds (Stone)

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

### 13757—Sleeping Berths (Outdoor)

Kewanee Mfg. Co. ("Kewanee"), Kewanee, Ill.

### 13758—Sleeves (Automobile Tire)

Firestone Tire & Rubber Co. ("Firestone"), Akron, O.  
 Graton & Knight Mfg. Co. (Leather), Worcester, Mass.

### 13759— Sleeves (Dredging)

Acme Rubber Mfg. Co., Trenton, N. J.  
**AMERICAN SPIRAL PIPE WORKS**, Chicago, Ill. *See adv index at end of book*  
 Boston Belting Co., 84 Linden Park st, Boston, Mass.

Boston Woven Hose & Rubber Co. ("Perfection"), Cambridge, Mass.  
 Cincinnati Rubber Mfg. Co., Cincinnati, O.  
 Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Continental Rubber Works, Erie, Pa.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Goodrich B. F. Co. (Rubber), Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Home Rubber Co., Trenton, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mechanical Rubber Co., Cleveland, O.  
**Mobile Dredge Sleeve & Vulcanizing Co.** (Flexible Steel Lined), Mobile, Ala.  
 N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
 New York Belting & Packing Co., 91 Chambers, New York  
**NEW YORK RUBBER CO.** (Rubber), 225 W Randolph, Chicago, Ill., Reade & Church, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New York  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Thermold Rubber Co., Trenton, N. J.  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

### 13760-1—Sleeves (Drill & Punch)

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
 Cleveland Twist Drill Co. (Drill Only), 1 E 49th, Cleveland, O.  
 Keystone Mfg. Co. (Taper), Buffalo, N. Y.

### 13762— Sleeves (Paper)

(For Electrical Use, etc.)

Cook Frank B. Co., 326 W Madison, Chicago, Ill.  
 Fairport Corp., New Bedford, Mass.  
 Reliable Electric Co., 411 S Sangamon, Chicago, Ill.  
 Sherwin Electric Co. (Bushings), Burlington, Vt.  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Stone Straw Co., 30 O, N E, Washington, D. C.

### 13763— Sleeves (Pipe)

Beaton & Cadwell Mfg. Co., (Galvanized Iron & Tin Adjustable & Non-Adjustable) New Britain, Conn.  
 Beaton & Corbin Mfg. Co., ("Adjusto," Adjustable), Southington, Conn.  
 Dayton Pipe Coupling Co. (Steel, for Pipe Mains, etc), Dayton, O.  
 Dresser S. R. Mfg. Co. (For Repair Work), Bradford, Pa.  
**"DRYCELL" PIPE SLEEVE CO.** ("Dry-cell"), 351 Lexington av, New York  
 General Fire Extinguisher Co. (Split), Providence, R. I.  
 Haines Co. (Adjustable), 1933 W Lake, Chicago, Ill.  
 New Brunswick Iron Works ("Kellogg" Repair Sleeve, for Water Mains), New Brunswick, N. J.  
**STURTEVANT B. F. CO.** ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*

### 13764— Sleeves (Plumbago)

McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. Ry., Pittsburgh, Pa.

### 13765—Sleeves (Pole Repair)

Gherky Wm. D. ("Voynow"), 30th & Walnut, Phila., Pa.

### 13765a— \*Sleeves (Screw)

**STANNARD MFG. CO.** ("Little Giant Expansion"), 371 Allen, Springfield, Mass.  
*See adv index at end of book*

### 13766—Sleeves (Stopper Rod)

Knauff & Esterbrook, Cleveland, O.



**13767—Sleeves (Trolley Wire Splicing)**

Eureka Co., North East, Pa.  
 Hickey & Schneider ("H. & S." Seamless),  
 61 B'way, New York  
 More-Jones Brass Metal Co., B'way &  
 Dock, St. Louis, Mo.  
 Philadelphia Electrical & Mfg. Co.  
 ("Phila."), 1236 N 31st, Phila., Pa.  
**WESTINGHOUSE ELECTRIC & MFG.**  
 Co., East Pittsburgh, Pa.  
*See adv index at end of book*

**13768—Sleeves & Tees for Underground Construction**

McIntire C. Co., 35 Vesey, Newark, N. J.

**13769—Sleeving (Cotton)**

(For Electrical Use, etc.)

Anchor Webbing Co., Woonsocket, R. I.  
 Blakesley Novelty Co. (Cotton Knit),  
 Bristol, Conn.  
 Buffalo Weaving & Belting Co. (For carrying  
 Electric Wires Under Heat),  
 Buffalo, N. Y.  
 Dunton M. W. Co., 150 Niagara, Providence,  
 R. I.  
 Empire Mfg. Co., Lockport, N. Y.  
 Hope Webbing Co., 1005 Main, Providence,  
 R. I.  
 International Braid Co., 47 Charles, Providence,  
 R. I.  
 Niedner's Chas. Sons Co., Malden, Mass.

**13770—Sleighs (Logging)**

Oshkosh Mfg. Co., Oshkosh, Wis.  
 Phoenix Mfg. Co., Eau Claire, Wis.

**13771—Slicers (Fruit & Vegetable)**

A. & J. Mfg. Co. ("A. & J."), Binghamton,  
 N. Y.  
 Catawissa Specialty Mfg. Co. (Vegetable),  
 Catawissa, Pa.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Enterprise Mfg. Co. of Pa., 3rd & Dauphin,  
 Phila., Pa.  
 Fischer Bros. & Corwin, 238 South, Newark,  
 N. J.  
 Goodell Co. (Potato), Antrim, N. H.  
 Handy Things Mfg. Co., Ludington, Mich.  
 Houchin Thos. W. Co. (Revolving), 38 E  
 21st, New York  
 Landers, Frary & Clark ("Universal,"  
 "French," "Lightning"), New Britain,  
 Conn.  
 Richardi & Bechtold, Bellaire, Mich.  
 Rollman Mfg. Co. (Ltd.) (Apple), Mt.  
 Joy, Pa.  
 Sinclair-Scott Co. (Pineapple), Wells &  
 Patapsco, Baltimore, Md.  
 Streeter N. R. & Co., Rochester, N. Y.  
 Tucker & Dorsey Mfg. Co., Indianapolis,  
 Ind.  
 Washington Cutlery Co. ("Village Blacksmith"),  
 Watertown, Wis.  
 Zastrow Geo. W. (Pineapple, Power), 1410  
 Thames, Baltimore, Md.

**13772—Slicers (Meat)**

American Slicing Machine Co. ("Berkel's"),  
 209 S State, Chicago, Ill.  
 Anderson Computing Scale Co., Anderson,  
 Ind.  
 Canton Elec. Cut Co., Canton, O.  
 Cincinnati Butchers' Supply Co., 2008 Central  
 av., Cincinnati, O.  
 Computing Cheese Cutter Co., Anderson,  
 Ind.  
 Computing Scale Co., Dayton, O.  
 Deer A. J. Co. ("Deer"), Hornell, N. Y.  
 Holwick B. C., Canton, O.  
 Ideal Mfg. Co., Anderson, Ind.  
**LINK-BELT CO.**, 39th & Stewart av.,  
 Chicago, Ill., & Hunting Park av &  
 P. & R. Ry, Phila., Pa.  
*See adv index at end of book*  
 Master Cutter Mach. Co., North av, Oak-  
 ley, Cincinnati, O.  
 Pan Elec. Mfg. Co., 735 S 4th, St. Louis,  
 Mo.  
 Smith John E. Sons Co., 50 B'way, Buffalo,  
 N. Y.  
 Stimpson Scale & Mfg. Co., Northville,  
 Mich.  
 Troemmer Hy., 911 Arch, Phila., Pa.  
 U. S. Slicing Machine Co. (Imp.), 189 N  
 Dearborn, Chicago, Ill.  
 Universal Store Spec. Co., Commercial &  
 Center, New Britain, Conn.

**13773—Slicks (Carpenters')**

Bradley G. W. Axe & Tool Mfg. Co., New-  
 burgh, N. Y.  
 Buck Bros., Millbury, Mass.  
 Jennings C. E. & Co. ("C. E. J. & Co.'s,"  
 "J. & G. Mfg. Co."), 71 Murray, New  
 York  
 Ohio Tool Co., Charleston, W. Va.  
 Peck, Stow & Wilcox Co., Southington,  
 Conn.  
 Swan James Co., Seymour, Conn.  
 White L. & I. J. Co., 120 Columbia, Buf-  
 falo, N. Y.

**13774—Slide Rests for Lathes**

American Tool & Machine Co., 10 High,  
 Boston, Mass.  
 Bartlett E. E., 326 A, Boston, Mass.  
 Blount J. G. Co., Everett, Mass.  
 Mann Chas. A., 166 Doyle av, Providence,  
 R. I.  
 Reed, Prentice Co., Worcester, Mass.  
**STARK TOOL CO.** (Compound, for Bench  
 Lathes), Waltham, Mass.  
*See adv index at end of book*

**13775—Slides (Breast Strap)**

Cleveland Specialties Mfg. Co., Cleve-  
 land, O.  
 Frazer & Jones Co. (Also "B. S." Com-  
 bined Slide & Snap), Syracuse, N. Y.  
 Independent Register & Mfg. Co., Cleve-  
 land, O.  
 Loetscher-Ryan Mfg. Co., Dubuque, Ia.  
 North & Judd Mfg. Co. ("Anchor Brand"),  
 New Britain, Conn.  
 Schartow Mfg. Co., Milwaukee, Wis.  
 Stearns E. C. & Co., 450 Oneida, Syracuse,  
 N. Y.

**13776—Slides (Desk)**

Berbecker & Rowland Mfg. Co., Water-  
 ville, Conn.  
 Eagle Lock Co., Terryville, Conn.  
 National Lock Co., Rockford, Ill.

**Slides (Furniture)**

*See Shoes, Sliding Furniture*

**13777—Slides (Lantern, Stereopticon, Etc.)**

American Slide Co., Columbus, O.  
 Brayton Mfg. Co., 6 W Michigan av, Chi-  
 cago, Ill.  
 Des Moines Slide Co., Des Moines, Ia.  
 International Stereograph Co., Decatur,  
 Ill.  
 Kansas City Slide Co. (For Advertising),  
 1017 Central av, Kansas City, Mo.  
 McIntosh Stereopticon Co., 30 E Randolph,  
 Chicago, Ill.  
 North American Slide Co., 122 N 13th,  
 Phila., Pa.  
 Novelty Slide Co., 115 E 23rd, New York  
 Scott & Van Altena, 6 E 39th, New York  
 Three Star Slide Co. (Lantern), 443 S  
 Dearborn, Chicago, Ill.  
 Weeks Mfg. Co., 181 Tremont, Boston,  
 Mass.

**13777a—\*Slides (Tent)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**13778—Slimers (Craven)**

Union Iron Works Co., 20th & Michigan,  
 San Francisco, Cal.

**13779—Slings (Hay)**

Goshen Mfg. Co., Goshen, Ind.  
 Hunt, Helm, Ferris & Co. ("Star"), Har-  
 vard, Ill.  
 Loudon Machinery Co., Fairfield, Iowa  
 Milwaukee Hay Tool Co., Layton Park,  
 Milwaukee, Wis.  
**MYERS F. E. & BRO.** ("Myers" Centre  
 Trip Adjustable, "Utah" Centre Trip  
 Adjustable, "Myers" Double Lock Ad-  
 justable & "Myers" Cable Ground  
 Sling, "Myers" Chain), 800 Orange,  
 Ashland, O. *See adv index at end of book*  
 Ney Mfg. Co., Canton, O.  
 Ney V. L. Co., Canton, O.  
 Porter J. E. Co. (Center Grip), Ottawa,  
 Ill.  
 Ricker Mfg. Co. ("Rochester"), Rochester,  
 N. Y.  
 Strickler Hay Tool Co. ("Strickler"),  
 Janesville, Wis.

**13780—Slips (Ship Building)**

Neumeyer & Dimond ("Demag" Complete  
 Plants Imp.), 82 Beaver, New York

**13781—Slitters for Gang Slitting Machines**

Trethewey Sam'l & Co. (Ltd.), 57th st,  
 Pittsburgh, Pa.

**13782—\*Smalts (Sign Painters')****E. B. Estes & Sons** Established 1847

Manufacturers of **Estes' Osmalto**  
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 Standard of Quality for 70 Years

**358 5th Avenue, New York City**

**13783—Smelters (Lead)**

Balbach Smelting & Refining Co., 580  
 Market, Newark, N. J.  
 Desloge Consolidated Lead Co., Rialto  
 bldg, St. Louis, Mo.  
 Granby Mining & Smelting Co., St. Louis,  
 Mo.  
 Pennsylvania Smelting Co., Carnegie, Pa.  
 St. Josephs Lead Co., 61 Broadway, New  
 York

**13784—Smelters of Spelter**

*See also Spelter Manufacturers*  
 American Zinc, Lead & Smelting Co.,  
 Caney, Kans.  
 Granby Mining & Smelting Co., St. Louis,  
 Mo.  
 Grasselli Chemical Co., Guardian bldg,  
 Cleveland, O.  
 Hegeler Zinc Co., Danville, Ill.  
 Illinois Zinc Co., Peru, Ill.  
 Matthiessen & Hegeler Zinc Co., La Salle,  
 Ill.  
 Mineral Point Zinc Co., 140 S Dearborn,  
 Chicago, Ill.  
 National Zinc Co., Bartlesville, Okla.

**13785—Smelters & Refiners**

*See also Babbitt Metal; also Refiners,  
 Electrolytic Copper*

**ALUMINUM**

**Ingots—Sheets—Rods—Granulated**

**UNITED SMELTING & ALUMINUM CORP.**

**NEW HAVEN, CONN.**

*Branches* { 24 Stone Street, New York City  
 1334 Dime Bank Bldg., Detroit, Mich.

Alax Metal Co., 46 Richmond, Phila., Pa.  
 American Smelting & Refining Co., 120  
 B'way, New York  
 American Zinc Lead & Smelting Co.,  
 Caney, Kans.  
 Austin John & Son (Gold, Silver & Plat-  
 inum), 74 Clifford, Providence, R. I.  
 Balbach Smelting & Refining Co., 580 Mar-  
 ket, Newark, N. J.  
 Baltimore Copper Smelting & Rolling Co.,  
 Canton, Baltimore, Md.  
 Bartlesville Zinc Co., Bartlesville, Okla.  
 Buffalo Smelting Works, 1 Austin, Buf-  
 falo, N. Y.  
 Chicago Metal Reduction Co., 20 W Jack-  
 son blvd, Chicago, Ill.  
 Columbia Smelting & Refining Works, 366  
 West, New York  
 Crescent Phosphorized Metal Co., 2314  
 Wood, Phila., Pa.  
 Dee Thos. J. & Co., 5 S Wabash av, Chi-  
 cago, Ill.  
 Delaware Metal Refinery, Washington &  
 18th, Phila., Pa.  
 Deutsch N. & Co., 540 W 13th, Chicago,  
 Ill.  
 Duquesne Reduction Co., Farmers Bank  
 bldg., Pittsburgh, Pa.  
 Eagle Smelting & Refining Works, 233  
 Broadway, New York



Electric Smelting & Aluminum Co. (Aluminum, Silicon, Manganese, Alloys), Lockport, N. Y.

**Elizabethtown Smelting Co., 503 Mulberry, Newark, N. J.**

Empire Smelting Co., Depew, N. Y.

Fidelity Metal Co., 192 Diamond, Brooklyn, N. Y.

Garfield Smelting Co. (Copper, Ore, etc), Salt Lake City, Utah

Goldsmith Bros. Smelting & Refining Co., 29 E Madison, Chicago, Ill.

Granby Mining & Smelting Co., St. Louis, Mo.

Grasselli Chemical Co., Guardian bldg., Cleveland, O.

Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.

Hartman Ingot Metal Co. (Red & Yellow Ingot Metal), 2511 W 21st, Chicago, Ill.

Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

Hollingsworth W. T., Covington, Ky.

Honkamp Bros. (Lead & Copper), 3951 Wentworth av, Chicago, Ill.

Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.

International Nickel Co., 43 Exchange Pl., New York

Irrington Smelting & Refining Co., Irvington, N. J.

Jacobson I. M. & Sons Co. (Brass, Copper, Lead, etc), 70 Catherine, Detroit, Mich.

Kahn Bros., 785 Humboldt, Brooklyn, N. Y.

Kramer H. & Co., 730 S Canal, Chicago, Ill.

Lanyon-Star Smelter Co., Bartlesville, Okla.

Lehman Bros., Hoboken, N. J.

Leiong L. & Bro. (Gold & Silver), 345 Halsey, Newark, N. J.

Lissberger Marks & Sons, 281 Borden av, L. I. City, N. Y.

Lorraine Smelting & Refining Co., 25 N Dearborn, Chicago, Ill.

McDonald Jas. & Sons Co., Cincinnati, O.

McHattan Foundry Co., 1500 Wash'n av, Phila., Pa.

Matthiessen & Hegeler Zinc Co., La Salle, Ill.

### MICHIGAN SMELTING & REFINING CO.

(Lead, Tin, etc., also Copper Bearing By-Products), 1695 Jos. Campus st, Detroit, Mich.

Monarch Metal Co., 119 So Lincoln, Chicago, Ill.

Mountain Copper Co. (Ltd.), 332 Pine, San Francisco, Cal.

Nassau Smelting & Refining Works, 607 W 29th, New York

National Copper Refining Co., Cleveland, O.

National Lead Co., 111 B'way, New York

National Smelting Co., Grant av, Cleveland, O.

National Zinc Co., Kansas City, Kans.

Ohio Metal Co., 1137 No 4th, Columbus, O.

Pearlman Co., Clarksburg, W. Va.

Pennsylvania Smelting Co., Benedum Trees bldg, Pittsburgh, Pa.

**Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.**

**Progressive Metal & Refining Co., 432 Barclay, Milwaukee, Wis.**

Raritan Copper Works, New York City

Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.

Roessing Bronze Co., Etna, Pa.

Rosenthal's Jos. Sons, 190 W. Berks, Phila., Pa.

St. Louis Smelting & Refining Co. (Lead Slag, etc), International Life bldg. St. Louis, Mo.

Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.

Shimer McGlynn & Co., 19th & Washington av, Phila., Pa.

Star Refining Co., 116 W First, Boston, Mass.

Syracuse Smelting Works ("Stanley Process"), 837 Manhattan av, Brooklyn, N. Y.

Tacoma Smelting Co. (Lead, Copper, Gold, etc), Tacoma, Wash.

Tottenville Copper Co., Tottenville, N. Y.

Trenton Smelting & Refining Co., Trenton, N. J.

Tri-Bullion Smelting & Development Co. (Gold, Silver, Lead, etc), 10 Wall, New York

Union Smelting & Refining Co., 14th & Av D, New York

**UNITED SMELTING & ALUMINUM CORP., 187 Commerce, New Haven, Conn.** See adv index at end of book

United States Metals Refining Co., 120 B'way, New York

United States Reduction Co., E Chicago, Ind.

United States Smelting, Refining & Mining Co. (Silver, Copper, Lead, etc), 55 Congress, Boston, Mass.

United States Smelting Works, 1615 Spring Garden, Phila., Pa.

Virginia Smelting Co., W Norfolk, Va., & Boston, Mass.

Vulcan Louisville Smelting Co., 208 S La Salle, Chicago, Ill.

White & Bro., Hedley & Del River, Phila., Pa.

Wilber Bros., Pacific bldg, San Francisco, Cal.

Woodfall Bros., 1105 Fairmount av, Phila., Pa.

### 13786— Smelting Outfits

Way's Pocket Smelter Sales Co. ("Way's"), South Pasadena, Cal.

### 13787—Smelting Plants (Complete Equipment)

Mashek Engineering Co., 90 West, New York

Traylor Engng. & Mfg. Co. (Copper, Silver & Lead), Allentown, Pa.

### Smoke Consumers

See Fuel Economizers; also Furnaces, Smokeless

### 13788—Smoke House Builders

Columbian Steel Tank Co., Kansas City, Mo.

Evers Iron Works ("Evers's & Hilderbrandt's" Patents), 1569 Merwin, N. W, Cleveland, O.

Gehret Bros. (Doors, Meat Trees, Patent Floors, etc), Bridgeport, Pa.

Kretschmer Mfg. Co. (Galvanized), Council Bluffs, Ia.

Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.

### 13789—Smoke Jacks (Round House)

Asbestos, Shingle, Slate & Sheathing Co. ("Century," Asbestos Lumber), Ambler, Pa.

Dickinson Paul (Cast Iron & Wood), 3346 S Artesian av, Chicago, Ill.

Franklin Mfg. Co., Franklin, Pa.

Illinois Malleable Iron Co. ("Bruyn" Cast Iron Automatic Swinging), 1801 Diversey blvd, Chicago, Ill.

See adv index at end of book

Johns H. W.-Manville Co. ("J-M" Asbestos Wood), Madison av & 41st, New York

Mann-McCann Co. ("Bruyn," "Mann"), 305 So La Salle, Chicago, Ill.

### 13790— Smoke Stack Lining

Franklin Mfg. Co. ("Franklin"), Franklin, Pa.

Johns H. W.-Manville Co. ("J-M Vitribestos"), Madison av & 41st, New York

### Smoke Stacks (Steel)

See Stacks, Steel

### 13791— Smokers (Bee)

Kretschmer Mfg. Co. ("Champion"), Council Bluffs, Ia.

Root A. I. Co., Medina, O.

### 13791a— Smoking Sets

Jefferson Glass Co., Follansbee, W. Va.

### 13792— Smoothers (Asphalt)

Barber Asphalt Paving Co., Buffalo, N. Y.

### 13793—\*Smooth-On" Cements & Compounds

Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.

### 13794— Snaps (Blanket)

North & Judd Mfg. Co. ("Royal," etc), New Britain, Conn.

### 13795—Snaps (Harness, Etc.)

See also Hooks, Snap

Berry Chas. ("Regan," Pole Rein, Trace, "Berry's," Rein, Bridle, "Boyd's" Pole), Somerville, Mass.

Bridgeport Chain Co., Bridgeport, Conn.

Covert Mfg. Co. ("Yankee," "Trojan," "King," "Queen," "Sterling," "Polo," "Covert," "Holdfast"), Troy, N. Y.

Covert Saddlery Works ("Crown," "Triumph," "Model"), Interlaken, N. Y.

Draper & Hall Co. ("Hayes" Lock), Middletown, Conn.

**EAST BANGOR MFG. CO. ("J. P."), Bangor, Pa.**

Eberhard Mfg. Co. ("Sure-Fast," etc), Cleveland, O.

Fitch W. & E. T. Co., New Haven, Conn.

Frazer & Jones Co. ("Buffalo," "Jones," "Syracuse," "Empire," "Acme," etc.), Syracuse, N. Y.

Hayward S. F. & Co. (Fire Dept.), 250 W 54th, New York

Hogarty Edw., Unionville, Conn.

Imperial Bit & Snap Co. ("Imperial"), Racine, Wis.

Jenkinson R. C. & Co., 293 Washington, Newark, N. J.

Judd R. D., New Britain, Conn.

National Safety Snap Co. ("Kingsnap" Spring Steel), Wilmington, O.

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

North O. B. & Co., New Haven, Conn.

North & Judd Mfg. Co. ("Anchor Brand," "Loxspring," "Quick-Kloze"), New Britain, Conn.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Sargent & Co. ("Sampson," etc), New Haven, Conn.

Schartow Mfg. Co. ("Schartow"), Milwaukee, Wis.

Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.

Wire Goods Co. (Wire), Worcester, Mass.

### 13796— Snaps (Hitching)

Covert Saddlery Works Interlaken, N. Y.

**EAST BANGOR MFG. CO. ("J. P."), Bangor, Pa.**

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.

### 13797— Snaps (Rivet)

Brunner & Lay, 570 W Polk, Chicago, Ill.

Cleveland Punch & Shear Works Co. (Alloy or Carbon Steel), 3921 St. Clair av N E, Cleveland, O.

### 13798— Snaps (Swivel)

Covert Mfg. Co. ("Covert," "Yankee," "King," "Polo"), Troy, N. Y.

Frazer & Jones Co. (Trace, Breeching, etc), Syracuse, N. Y.

Imperial Bit & Snap Co., Racine, Wis.

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

Walsh Safety Lock Snap Co. ("Walsh" Safety Lock Snap), Bellevue, O.

Wilcox, Crittenden & Co., Middletown, Conn.

### 13799— Snares (Loom)

Ashland Mfg. Co. (Cat-Gut, etc), W 43d & Hermitage av, Chicago, Ill.

### 13800— Snippers (Bean)

Gowanda Agricultural Works ("Century"), Gowanda, N. Y.

### Snips (Pineapple Eye)

See Eyers, Pineapple

### 13801— Snips (Tinnners)

Acme Shear Co. ("Ajax," "Star"), Bridgeport, Conn.

Ansonia Novelty Co., Ansonia, Conn.

Atlas Shear Co., Bridgeport, Conn.

Bartlett Mfg. Co. ("Searchlight" Compound Lever Mechanics), 40 Lafayette, Detroit, Mich.



Bergman Tool Mfg. Co., Buffalo, N. Y.  
 Berridge Shear Co., Sturgis, Mich.  
 Bridgeport Hardware Mfg. Corp. ("Bull Dog"), Bridgeport, Conn.  
 Clauss Shear Co. ("Clauss"), Fremont, O.  
 Clayton Bros. (Inc.) (Cast), Bristol, Conn.  
 Compton W. H. Shear Co. ("Reliance"), 314 Camden, Newark, N. J.  
 Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Heinisch's R. Sons Works, Newark, N. J.  
 Jackson Shear & Razor Co., Fremont, O.  
 Jennings C. E. & Co. ("Philadelphia"), 71 Murray, New York  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Kraeuter & Co., 583 18th av, Newark, N. J.  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 National Cutlery Co. (Tinniers'), Westmoreland & Boudinot, Phila., Pa.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y.  
*See adv index at end of book*  
 Osborne C. S. & Co., Harrison, N. J.  
 Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.  
 Peck, Stow & Wilcox Co. ("P. S. & W." & "Samson"), Southington, Conn.  
 Penn Metal Ceiling & Roofing Co. (Ltd), 23d & Hamilton, Phila., Pa.  
 St. Louis Sales Co. ("Searight's" Compound Lever), Chemical bldg, St. Louis, Mo.  
**SMITH & HEMENWAY CO.** ("Red Devil"), 76 Chambers, New York  
*See adv index at end of book*  
 White Ira F. & Son Co. (Cast), Bloomfield, N. J.  
 Wiss J. & Sons Co. ("Wiss" Steel Forged), 31 Littleton av, Newark, N. J.

### 13802—Snow Brooms & Sweepers (Street Railway)

See also Plows, Snow; also Street Railway Sweeping Machines

Brill J. G. Co. ("Brill" Standard Snow Sweeper), 62d & Woodland av, Phila., Pa.  
 Columbia Machine Works & Malleable Iron Co. ("Columbia" Snow Sweeper Brooms), Atlantic av & Chestnut, Brooklyn, N. Y.  
 McGuire-Cummings Mfg. Co. ("McGuire-Cummings" Automatic Sweeper & Loader, also Snow Sweepers), Harris Trust & Savings bldg, Chicago, Ill.  
 Russell Car & Snow Plow Co., Ridgway, Pa.  
 St. Louis Car Co., 3000 N B'way, St. Louis, Mo.

#### Snow Guards

See Roof Snow Guards

### 13802a—Soap

See also Sub-Classifications following; also Compounds Cleaning; also Powders, Soap

#### CALIFORNIA.

BERKELEY—Standard Soap Co. (Laundry)  
 FRESNO—Fresno Soap Co. (Laundry)  
 LONG BEACH—Salmarine Sea Salt Soap Co.  
 LOS ANGELES—California Soap Co. (Hand), 2437 E 9th  
 Los Angeles Soap Co. (Laundry), 633 E 1st  
 OAKLAND—California Soap Co., 1261 66th  
 Lanz Louis  
 West Coast Soap Co., 26th & Poplar  
 SAN DIEGO—Citrus Soap Co.  
 SAN FRANCISCO—Alumina Soaplite Co., 625 3rd  
 Colgate & Co., 595 Mission. (See Jersey City, N. J.)  
 Crystalline Soap Co., Army & Hampshire  
 Fairbanks N. K. Co., Sheldon bldg. (See Chicago, Ill.)  
 Fischbeck Soap Co., 17th & Rhode Island  
 Gutrad Joseph Co., 350 Fremont  
 Los Angeles Soap Co., 250 Front. (See Los Angeles, Cal.)  
 Lucy G. R. & Co., 100 San Bruno  
 Mission Soap & Candle Works, 18th & Harrison

Newell & Brother, Army & San Bruno  
 Pioneer Soap Co., 24 California  
 Standard Soap Co. (Laundry), 40 Beale  
 SANTA CRUZ—Parsons & Hamilton  
 STOCKTON—Williams & Moore

#### COLORADO.

DENVER—Banner Chemical Co (Liquid), 2301 15th  
 Lee John D

#### CONNECTICUT.

BRIDGEPORT—Fairchild & Shelton Co., 305 Housatonic av  
 GLASTONBURY—Williams J. B. Co. (Shaving & Toilet)  
 HARTFORD—Erickson Soap Co.  
 Hall-Thompson Co.  
 Skat Co.  
 MANCHESTER—Robertson J. T. Co. (Toilet, Laundry & Mill)  
 MIDDLETOWN—Allison Bros. (Chp. Borax & Burnishing)  
 MYSTIC—Packer Mfg. Co. (see New York City)  
 WATERBURY—Connecticut Oil Co.

#### FLORIDA.

JACKSONVILLE—Florida Soap Works

#### IDAHO.

BOISE—Idaho Soap Co.

#### ILLINOIS.

AURORA—Rogers A. Co. (Soft)  
 CHICAGO—Anchor Core Soap Co., 180 N Dearborn  
 Antiseptol Liquid Soap Co., 564 W Randolph  
 Armour Soap Works (Laundry), 3130 Benson  
 Babbitt B. T. (Inc.), (see New York City)  
 Beltine Chemical & Mfg. Co. (Benzine, Dry Cleaners), 401 N Sangamon  
 Burr David & Co., 28 E Kinzie  
 Colonial Soap Co. (Laundry), 1701 N Ashland av  
 Crofts & Reed Co., 421 N Western av  
 Economy Oil Co., 13th & Clinton  
 Eisenstadt Wm., 1615 W 42nd  
 Fairbank N. K. Co. (Laundry & Glycerine Tar), 111 W Washington  
 Fairchild M. H. & Bro., 6 W Austin av  
 Fitzpatrick Bros. (Soap Chips), 1319 W 32d pl  
 Fitzpatrick John Co., 28th & Western av  
 Frazer Lubricator Co., 3921 Normal av  
 Globe Soap Co. (see Cincinnati, Ohio)  
 Graham Bros. & Co., 1319 W Lake  
 Henrotin A. Co. (Castile), 447 Wells  
 Hine Bros. Co., 4023 S Ashland av  
 Holman Soap Co., 3104 Fox  
 Johnson B. J. Soap Co. (see Milwaukee, Wis.)  
 Kendall Mfg. Co., 941 W Van Buren  
 see Providence, R. I.)  
 Kirk James S. & Co., 106 E Austin  
 Klenzo Soap Co., 57 E 43d  
 Lekko Soap Co., 925 S 5th av  
 Monahan Antiseptic Co., 166 N Curtis av  
 Mulligan-Bilgman Co., 670 W Randolph  
 Nelson Henry & Co., 1510 W Ohio  
 Pierce Chemical Co., 910 W Lake  
 Remmers Soap Co. (see Cincinnati, Ohio)  
 Robertson Theo. B., Products Co., 700 W Division  
 Rome Soap Mfg. Co. (see Rome, N. Y.)  
 Scannell John Co., 3208 S Robey  
 Schmidt Geo. A. Co. (Tar & Shaving), 236 W North av  
 Simplex Chemical Co., 31 W Lake  
 Strong C. H. & Co. (Tooth), 323 W Madison  
 Uno Mfg. Co., 6433 Ravenswood av  
 Vosburgh E. A., 925 S 5th av  
 Wrisley Allen B. Co. (Toilet & Laundry), 923 S 5th av  
 DECATUR—Chromister V. H.  
 ELGIN—Elgin National Soap Co.

NORTH AURORA—Rogers A. Co.  
 OTTAWA—Keen Kleener Mfg. Co.  
 ROCK ISLAND—Warnock & Ralston  
 (Best Chipped, Toilet)  
 STREATOR—Genseke Herman  
 WOODSTOCK—Wicks & Compton

#### INDIANA.

FORT WAYNE—Rub-No-More Co. (Naphtha & White)  
 INDIANAPOLIS—Bergmann F. J., 413 W Morris  
 Crescent Soap Co., 519 W McCarthy  
 Hoosier Mfg. Co., 45 S Cruise (Veg-etable Oil)  
 International Metal Polish Co. (Oil), Quill & Belt Ry  
 Olds Soap & Chemical Co., 540 W McCarthy (Laundry)  
 Williams Soap Co., 519 W McCarthy  
 LAFAYETTE—Schnaible M. & J. Co. (Laundry)  
 LOGANSPOUT—Heppe Wm. & Sons Co.  
 MARION—American Soap Co.  
 WABASH—Blount & Rees

#### IOWA.

BURLINGTON—Burlington Soap Co. (Castile)  
 Iowa Soap Co. (Laundry & Toilet)  
 DES MOINES—Harrah & Stewart Mfg. Co (Hand)  
 Prouty-Bowler Soap Co  
 DUBUQUE—Beach James & Sons (Toilet, Glycerine, Hand)  
 GRINNELL—Bonyata Chemical Co. (Liquid, Disinfectants & Scrubbing)  
 KEOKUK—Blom Peter H. C.  
 SIOUX CITY—Haskins Bros. & Co.

#### KANSAS.

KANSAS CITY—Kansas City Soap Co.  
 Peet Bros. Mfg. Co.  
 LEAVENWORTH—National Soap Co.  
 PARSONS—Hilton A. M. Soap Co.

#### KENTUCKY.

COVINGTON—Heckman & Co.  
 LOUISVILLE—Louisville Soap Co. (Laundry), Shelby & Ormsby  
 Magic-Keller Works, 1583 Washington

#### LOUISIANA.

NEW ORLEANS—Fairbank N. K. Co. (see Chicago, Ill.)  
 Southern Refining & Mfg. Co., Terminal Tracks, nr. Frenchmen

#### MAINE.

BERWICK—Butler Orrin H.

#### MARYLAND.

BALTIMORE—Hoefner A. & Sons, 107 S Calvert  
 Product Sales Co. (Sand), 32 So Calvert  
 Union Soap Co., 214 N Pearl (Toilet & Laundry)

#### MASSACHUSETTS.

BOSTON—Babbitt B T. (Inc.), (see New York City)  
 Colgate & Co. (See Jersey City, N. J.)  
 Derron Soap Co., 300 N Beacon  
 Fairbank N. K. Co. (see Chicago, Ill.)  
 Fairchild M. H. & Bros., 620 Atlantic av  
 Hydro Palm Soap Co. Neponset  
 India Alkali Works (Shield Oil Soap & Savogran Soap Powder), 28 India Wharf  
 Kenney F. Mfg. Co., 368 Dorchester av  
 Kingston John, 300 N Beacon  
 Lockwood Brackett & Co. (Castile & Olive Oil), 222 State  
 McLean-Jones Oil & Supply Co., 40 India Wharf  
 Marsh Geo. E. Co. (see Lynn, Mass.)  
 Morse J. F. & Co., 66 Norfolk av (Rox)  
 National Soap Corp., 444 Southamp-ton  
 Speare's Alden Sons Co. (Laundry) (Cambridge), 156 6th  
 Standard Chemical Co., 4 Alden ct  
 Stewart A. Collins Co., 70 Freeport  
 Surprise Soap Co., 45 Bennet



Warren Soap Mfg. Co., 77 Summer Wing, Mitchell & Co., 113 Broad  
Woodley Soap Mfg. Co., 33 Norfolk av (Rox.)  
**CAMBRIDGE**—Cleanso Specialty Co. Flash Chemical Co. ("Flash" Antiseptic Hand Cleaner), Kendall sq  
International Supply Co. ("Everybody's"), Kendall sq  
Kemp, Lysander & Sons  
Reardon John & Sons Co. (Tallow, Oleo Oil, etc)  
Teele Soap Co.  
**CHARLESTOWN**—Rand & Byam (Laundry)  
**CHELSEA**—Norris Wm. H. & Sons  
**GREENFIELD**—Diamond Electric Soap Co.  
**HOLYOKE**—Abbott W. H.  
**LAWRENCE**—Beach Soap Co. (Laundry, Household & Chip)  
**LOWELL**—Lowell Rendering Co.  
**LYNN**—Hamson J. & Son (Laundry)  
Marsh Geo. E. Co., 393 Chestnut  
**NEW BEDFORD**—Hersom Thomas & Co.  
**NORTH ANDOVER**—Glennie John  
**NORTH WEYMOUTH**—Kleno Mfg. Co.  
**QUINCY**—Bates C. F. & Co. (see Boston, Mass.)  
**ROCKLAND**—Torrey J. A.  
**SOMERVILLE**—Norton George W.  
**SPRINGFIELD**—Ericka Mfg. Co. (Hand)  
Fisk Mfg. Co.  
Markham A. G. Co.  
Springfield Rendering Co.  
**TAUNTON**—Bassett Walter  
**WESTFIELD**—Git Mfg. Co. (Hand)  
**WOLLASTON**—Bates Chas. F. & Co.  
**WORCESTER**—Buck E. A. Co. (Automobile Oil)  
Eastern Supply Co. (Laundry & Textile), 2 Canterbury  
White & Bagley Co. (Oil)

**MICHIGAN.**

**ALBION**—Albion Chemical Works  
**DETROIT**—National Soap Co. (Automobile Oil Soap & Vegetable Oil Fig Soap), 440 Franklin  
Rosenthal Christian  
Wayne Soap Co. (Chipped, Laundry, Toilet, Dry Cleaning & Oil), Cope-land & M. C. R. R.  
**KALAMAZOO**—Kalamazoo Soap Co. (Laundry & Electric Pumice)  
**PORTLAND**—Wolverine Soap Co.  
**REPUBLIC**—Nikulas Herman  
**SAGINAW**—Passolt Henry Co.

**MINNESOTA.**

**MINNEAPOLIS**—Kleansall Company, McKnight bldg  
Pure Oil Co., 1st & 13th av  
Purity Soap Co., 100 Humboldt av, N  
Van Tilburg Oil Co. (Linseed, Liquid & Oil), 2424 University av, S E  
**SAINT PAUL**—Kenny J. T. & Company (Green & Linseed Oil)  
**SOUTH STILLWATER**—Utecht August  
**WINONA**—Hirschfeld A.  
Old County Green Soap Co.  
Winona Packing & Soap Co.

**MISSOURI.**

**EDINA**—Kirk Edgar W. Soap & Cleanser Co.  
**KANSAS CITY**—Kansas City Soap Co., Shawanee & R. R.  
Peet Bros. Mfg. Co., 17th & Kansas av  
**ST. LOUIS**—Amole Products Co., 407 Walnut  
Bresch L. P. & Brother, 5100 N 2nd  
Efficiency Oil Corp., Kingshighway & Manchester  
Johnson B. J. Soap Co. (see Milwaukee, Wis.)  
Midvale Chemical Works, 610 Locust  
Miller, Bonner & Co (Harness)  
Politura Chemical Co.  
Sayman Dr. Thomas M. (Toilet), 2121 Franklin av  
Schaeffer Bros. & Powell Mfg. Co. (Laundry), Barton & Kosciusko  
Vestal Liquid Soap & Disinfectant Co. (Liquid), 1121 Pine  
Walke Wm. & Co. (Lava, Olive Oil, Castile & Toilet), Second & Grand  
**SEDALIA**—Hoffman John F., Jr.

**MONTANA.**

**HELENA**—Perry C. T. & Co.

**NEBRASKA.**

**GIBBON**—Rogers Virgil (Toilet)  
**OMAHA**—Haskins Bros. & Co. (see Sioux City, Ia.)

**NEVADA.**

**RENO**—Commercial Soap Co.

**NEW HAMPSHIRE.**

**MANCHESTER**—Holt Frank  
**MILFORD**—Keith Wm. S.

**NEW JERSEY.**

**CAMDEN**—Eavenson J. & Sons (Automobile, Textile & Toilet)  
**HARRISON**—National Red Oil & Soap Co.  
**HOBOKEN**—Stenken A. & Son  
**JERSEY CITY**—Colgate & Co. (Toilet & Laundry), 105 Hudson  
Holbrook Mfg. Co. (Laundry, Textile, Chip, Castile & Potash), 18th  
Interstate Chemical Co. (Oil), 12 Bay-view av  
Quaker Soap Co., 217 Provost  
Seydel Mfg. Co., 83 Forrest  
**MILLVILLE**—Daytons' Soap Mfg. Co.  
**NEWARK**—Lyon John C.  
National Oil & Supply Co. (Automobile), 174 Freylinghuysen av  
Newark Soap Co.

**NEW YORK.**

**ALBANY**—Christian Bros. Soap Co., 42 Delaware av  
**BINGHAMTON**—R. & G. Soap & Supply Co. (Toilet)  
**BUFFALO**—Cataract Refining & Mfg. Co. (Oil)  
Harris Soap Co., 18 Stetson  
Hoefner A. & Sons (Laundry & Toilet), 160 Van Rensselaer  
Larkin Company (Naptha, Laundry Scouring, Carbolic, Castile & Shaving), 663 Seneca  
Lautz Bros. & Co.  
Standard Oil Soap Co. (Oil & Medicinal), 880 Ellicott Sq  
Windsor Soap Co., 963 William  
**COHOES**—American Soap & Washoline Co.  
**ELMIRA**—White J. Frank (Laundry)  
**FAIRPORT**—Creamo Specialty Co.  
**GLEN COVE**—Seaman Oil Co. (Automobile Oil)  
**LOCKPORT**—Electric Smelting & Aluminum Co. (Alumina Soapalite Laundry Bar)  
**NEWBURGH**—Granite City Soap Co.

**NEW YORK CITY.****Borough of Brooklyn.**

**BROOKLYN**—Barnes Almond W., 32 Eagle  
Gill Thos. Soap Co., 711 Kent av  
Harral Soap Co. (All Kinds), 136 Havemeyer  
Kirkman & Son, 215 Water  
Long Island Soap Co., Bridgewater & Meeker av  
Morgan Drug Co., 1512 Atlantic av  
Pagnod A. & Sons (Castile), 250 46th  
Pride of the Kitchen Co. (Scouring), 390 Smith  
Quick-Kleen Soap Co., 191 Sanford  
Rokeach I. & Sons, 345 Hewes  
Thompson's Carbolic Soap Co. (Laundry, Toilet & Medicinal), 46 Eagle  
Union Soap Co., 119 4th pl

**Boroughs of Manhattan and Bronx.**

**NEW YORK**—Ajax Oil & Grease Co. (Automobile), 170 W 65th  
Altman B., 325 E 21st  
American Cotton Oil Co. (Cottonseed, Fulling & Scouring), 65 B'way  
Babbitt B. T. (Inc.), 11 Broadway  
Bon Ami Co. (Laundry), 17 Battery pl  
Clifton Chemical Co. (Liquid), 317 Greenwich  
Cromwell R. A. Mfg. Co. (Liquid), 303 E 29th  
Daggitt's Wm. H. Sons (Laundry & Soap Chips), 383 W 12th

Daland & Company, 203 W Broadway  
Devillers Soap Co. (Liquid & Automobile Oil), 95 Cliff  
Empire Soap Co. (Laundry), 203 W Broadway  
Fairbank N. K. Co., 26 Beaver (see Chicago, Ill.)  
Fairchild M. H. & Brother, 1328 Broadway  
Farr Mfg. Co., 150 Nassau  
Frank P. M. Disinfecting Co., 91 Bleecker  
Gardner & Co. (Hand), 222 E 34th  
Janvier Walter, 417 Canal  
Jergens Andrew Co. (Toilet), 599 B'way  
Kirk Jas. S. & Co. (see Chicago, Ill.)  
Kolisch J. & Son (Laundry), 512 E 76th  
Larkin Company (see Buffalo, N. Y.)  
Lockwood, Brackett & Co. (Castile & Olive Oil), 949 B'way. (See Boston, Mass.)  
Manhattan Soap Co. (Toilet), 426 W 38th  
May M. W. Company (Laundry), 79 E 130th  
Moore Bros. Co. (Leaf & Toilet), 283 Greenwich  
Morgans' Enoch Sons Co. (Laundry, Sapolio & Hand Sapolio), 429 West  
Mulhens & Kropff (Fancy), 25 W 45th  
National Oil Co., 25 W 31st  
New York Soap Works (Laundry), 427 W 13th  
Oil & Grease Co. (Automobile), 261 B'way  
Orford Soap Co. (Bon Ami), 17 Battery pl  
Packer Mfg Co. (Liquid & Tar), 31 Fulton  
Penn. Soap Co. (see Lancaster, Pa.)  
Procter & Gamble Distributing Co. (see Cincinnati, O.)  
Pulver P. & Sons Chemical Co. (Castile), 214 Franklin  
Robertson Vanco Co. (Paste), 102 Park av  
Saponel Chemical Co. (Hand), 1916 Park av  
Scourene Mfg. Co. (Laundry), 539 W 39th  
Soapitor Company (For Soapitors), 154 W 14th  
Specification Soap & Oil Co. (Automobile, Textile, Liquid, Shampoo, Base Disinfectants), 427 W 13th  
Standard Soap Co. (Laundry), 365 9th av  
Stanley James (Laundry), 537 W 29th  
Stanley John T. (Hand), 642 W 30th  
Utility Company (Hand & Liquid), 636 W 44th  
Williams J. B. Co. (Shaving & Toilet), 200 5th av

**Borough of Queens.**

**LONG ISLAND CITY**—Domestic Soap Mfg. Co. (Scouring), 113 6th

**(End of New York City.)**

**NORTH TONAWANDA**—Farr Mfg. Co.  
**ROCHESTER**—Puritan Soap Co. (Liquid), 496 Exchange  
Tatlock Brothers (Hand)  
Zonneville M. J.  
**ROME**—Rome Soap Mfg. Co.  
**SYRACUSE**—Finn George M.

**OHIO.**

**AKRON**—Akron Soap Co. (Laundry & Toilet)  
**CANTON**—Hygienic Products Co.  
**CINCINNATI**—American Soap Co., 1986 Plum  
Cincinnati Soap Co. (Toilet, Bath, Shaving, Glycerine & Medicinal), Spring Gov. & Clifton avs, Wm. pl  
Dock Wm. & Co. (Toilet), 2144 Colerain av  
Eagle Soap Co., Cooper & Turill Cum.  
Fischer Heinrich Co., 2715 Colerain av  
Franklin Soap Co., 514 Hund  
Fry Brothers & Co. (Soap Chips), 111 E Canal  
Globe Soap Co. (Borax Powdered), United Bank bldg  
Hunnewell Soap Co. (Oil), 312 Genesee  
Jergens Andrew Co., Spring Grove av & Alfred



Jones R. A. & Co., 15th & Kendall  
Procter & Gamble Distributing Co.,  
Gwynne bldg  
Remmers Soap Co. (Peroxide, Veg-  
etable Oil, Toilet, Sulphur, Gly-  
cerine, Tar, Castile, etc), 2261  
Spring Grove av  
Ryan Soap Co., 2643 Spring Grove av  
Snyder T. H. & Co., 8 E 3d  
Werk M. Company, Murray rd, St.  
Bernard  
**CLEVELAND**—Buchan Soap Co., 988  
Hume av N W  
Central Soap Mfg. Co. (Carbolic Cas-  
tile, Wire Drawers, 2671 E 75th  
Chemical Supply Co. (Liquid), E 93rd  
& Erie Ry  
Cuyahoga Rendering & Soap Works,  
Denison av S W  
Energine Refining & Mfg. Co. (Lo  
Soap), 242 Arcade  
Great Western Oil Co.  
National Refining Co. (Linseed Oil),  
Rose bldg  
Parker Refining Co. (Automobile),  
1307 W 11th  
Phoenix Oil Co. (Liquid), 2554 W 5th  
Pioneer Mfg. Co. (Liquid & Linseed  
Oil), Harvard av & E 103rd  
Schwarz S. A. Oil Co. 1543 Columbus  
Road  
Visco Motor Oil Co., 2104 Superior av,  
N W  
**COLUMBUS**—Janton Geo. & Sons Co., 272  
W Mound  
Moore Oil Co., 683 Cleveland av  
Ross Thos. & Bros. Soap Co. (Laundry  
& Toilet), N Mound & River  
Yeazell-Goldstein Co. (Hand)  
**DAYTON**—Beaver Soap Co. (Pine Tar)  
Davies Young Soap Co.  
Fansher Brothers  
Hewitt Bros. Soap Co.  
Pioneer Tar Soap Co.  
Wolf Creek Soap Works  
**GREENVILLE**—U. S. Chemical Co. (Toilet  
& Liquid)  
**HAMILTON**—Smith E. A. (Oil)  
**IRONTON**—Wiehle Bros Soap Works  
**MANSFIELD**—Frietchen Ed. & Bro.  
**MARIETTA**—Northwestern Chemical Co.  
(Hand, Liquid & Pumice)  
**NEWARK**—Newark Tallow Co.  
**NEW RICHMOND**—Talley Co. (Liquid)  
**SANDUSKY**—Musson J. W.  
**TIFFIN**—Eidt George M.  
**TOLEDO**—Thompson & Chute Soap Co.,  
213 Lucas  
**UPPER SANDUSKY**—Cosmo Buttermilk  
Soap Co. (Toilet)  
**YOUNGSTOWN**—Akron Soap Co. (Laundry  
& Toilet)

**OREGON.**

**PORTLAND**—Luckel King & Cake Soap  
Co., 642 Hood  
Mt. Hood Soap Co., 108 N 4th

**PENNSYLVANIA.**

**CHAMBERSBURG**—Gerbig J. C. & Son  
**COLLINGDALE**—Mione Mfg. Co. (Grit  
Hand)  
**CONSHOHOCKEN**—Getz There Soap Co.  
**FRANKLIN**—Sibley Soap Co.  
**HARRISBURG**—Sieber F. C.  
**LANCASTER**—Pennsylvania Soap Co.  
(Toilet & Laundry)  
**LEBANON**—Lessley A. L.  
Shucker & Shindel  
**McKEESPORT**—Gordon R. W. & Co.  
**PHILADELPHIA**—Bates Howard M., 1140  
Fairmount av  
Day & Frick, 1760 N Howard  
Dobbins Soap Mfg. Co. (Laundry), 119  
S 4th  
Enterprise Mill Soap Works, 2229 N  
12th  
Fairbank N. K. Co. (See Chicago, Ill.)  
Fels & Company (Laundry), 73rd &  
Woodland av  
Fox Charles J. (Textile), 313 S Philip  
Gartside's Iron Rust Soap Co., 4054½  
Lancaster  
Good James (Carbolic, Disinfectants,  
Fish & Palm Oil), 939 N Front  
Hamilton Robt. & Son, 709 Tasker  
Harding H. C. (Mill), W 17th  
Harding & Fancourt (Olive, Fig, Palm  
& White Tallow), 516 S Delaware  
Houghton E. F. & Co. (Automobile),  
3rd, American & Somerset  
Jones Charles Dorrance (Automobile  
& Cleaning), 429 Locust

Laurel Soap Co., 1528 Franford av  
Lautz Bros. & Co., 13 S Front. (See  
Buffalo, N. Y.)  
List J. & Son, 1776 N Hancock  
Modoe Company, Fernwood  
Procter & Gamble Distributing Co.  
Bourse. (See Cincinnati, O.)  
Rath Mfg. Co. (Hand & Liquid), Hed-  
ley, E of Richmond  
Scholler Bros. Co. (Olive, Tallow, Palm  
& Chipped), 3301 Amber  
Stanley John T., Green & Del. (See  
New York City)  
Tomson P. C. & Co., 29 Washington av  
Tully James J., 179 Master  
Vacuum Soap Co., 180 Oxford  
Wrigley Mfg. Co., Bourse  
Young C. W. & Co., 1247 N 26th  
**PITTSBURGH**—Colgate & Co. (See New  
York City)  
Fairbank N. K. Co., May bldg. (See  
Chicago, Ill.)  
Falck F. L. & Co., 1400 High  
Globe Soap Co., 1204 Penn av. (See  
Cincinnati, O.)  
Hasley Geo. & Sons, 1540 East  
Kirk Jas. S. & Co., Wabash bldg  
Procter & Gamble Distributing Co.  
(See Cincinnati, O.)  
Staab G., 54 Royal  
Strunz S. & Son (Special, also Liquid  
Soft & Laundry), 708 Bingham  
Walker W. & H., Herrs Island  
**READING**—Miller F. K.  
**SCRANTON**—Greenberg Chas. F.  
**SHARPSBURG**—Williams Joseph Co.  
**WARREN**—Warren Specialty Co. (Chip)

**RHODE ISLAND.**

**EAST GREENWICH**—Farrington W. U.  
(Estate of)  
**HUGHESDALE**—Bradford Soap Works  
**NEWPORT**—Jones E. D. & Son  
**PAWTUCKET**—Draper J. O. Co.  
Perry Oil Co.  
**PROVIDENCE**—Harris A. W. Oil Co.  
(Motor Car), 326 S Water  
Kendall Mfg. Co., 90 Friendship  
Miley Soap Co.  
Miller Mfg. Co., 668 Eddy  
**WOONSOCKET**—Standard Soap Mfg. Co.

**TENNESSEE.**

**CHATTANOOGA**—Scholze E. W.  
**NASHVILLE**—Brown Brothers  
Enterprise Soap Works  
**TEXAS.**  
**DALLAS**—Armstrong Packing Co.  
**HOUSTON**—Houston Soap Works  
**SAN ANTONIO**—Dietrich J. & Co. (Cot-  
tonseed Oil)  
Lange Soap Co. (Laundry)

**UTAH.**

**SALT LAKE CITY**—Utah Soap Co.

**VERMONT.**

**BENNINGTON**—Adams Enos Co. (Mineral  
Soap Crystals & Hand Paste)  
**BURLINGTON**—Hough H. H.

**WASHINGTON.**

**SEATTLE**—Bernard W. J.  
Riebe Green Soap Co. (Vegetable  
Green, Automobile, Liquid &  
Hand)  
**SPOKANE**—Western Soap Co. (Ltd.)

**WISCONSIN.**

**APPLETON**—Heinskill John  
**GREEN BAY**—Green Bay Soap Co. (Laun-  
dry)  
**MADISON**—Kailen M. & Son  
**MILWAUKEE**—Babbitt B. T. (Inc.) (See  
New York City)  
Crystal Soap Co. (Toilet), 60 5th  
Hansen John & Sons, 824 30th  
Johnson B. J. Soap Co. (Laundry, Tol-  
let, "Morax," Pumice, Textile, Tar  
& Shaving), 42 4th  
Kirk James S. & Co., 727 46th  
Lavo Company, 48 7th  
Milwaukee Soap Co., 539 2nd av  
Wadham's Oil Co. (Liquid, Toilet, Oil  
& Drilling), 215 National av  
**SHEBOYGAN**—Rexine Co. (Toilet), 426 S  
River

**13803—Soap (Automobile Oil)**

Ajax Oil & Grease Co., 170 W 65th, New  
York  
Buck E. A. Co. ("Powers"), Worcester,  
Mass.  
Cataract Refining & Mfg. Co. (Cascade"),  
Buffalo, N. Y.  
Chemical Supply Co., Cleveland, O.  
Cortland Specialty Co., 174 Railroad, Cort-  
land, N. Y.  
Davies Young Soap Co. ("Buckeye" Clean-  
ser), Dayton, O.  
Devillers Soap Co. ("National"), 95 Cliff,  
New York  
Eavenson J. & Sons, Camden, N. J.  
Hollingshead R. M. Co. ("Whiz"), Cam-  
den, N. J.  
Hoosier Mfg. Co. ("Knoxall"), 45 S Cruse,  
Indianapolis, Ind.  
Houghton E. F. & Co. ("Houghton"), 240  
W Somerset, Phila., Pa.  
India Alkali Works ("Shield"), 28 India  
Wharf, Boston, Mass.  
International Metal Polish Co. ("Blue Rib-  
bon"), Quill & Belt Ry, Indianapolis,  
Ind.  
Monahan Antiseptic Co., 166 N Curtis,  
Chicago, Ill.  
National Oil & Supply Co. ("Viscos"), 174  
Frelinghuysen av, Newark, N. J.  
National Soap Co. ("Auto King"), 440  
Franklin, Detroit, Mich.  
Oil & Grease Co. ("O & G"), 261 B'way,  
New York  
Parker Refining Co., 1307 W 11th, Clevel-  
and, O  
Puritan Soap Co. ("Puritan"), 496 Ex-  
change, Rochester, N. Y.  
Riebe Green Soap Co., Seattle, Wash.  
Seaman Oil Co., Glen Cove, N. Y.  
Sibley Soap Co., Franklin, Pa.  
Specification Soap & Oil Co., 427 W 13th,  
New York

**13804— Soap Bark**

Hillier's R. Son Co. (Imp), 100 William,  
New York

**13805— Soap (Castor Oil)**

Bosson & Lane, Atlantic, Mass.

**13806—Soap Dispensers (Liquid)**

Antiseptol Liquid Soap Co. ("Antiseptol"),  
564 W Randolph, Chicago, Ill.  
Clifton Chemical Co., 317 Greenwich, New  
York  
Flash Chemical Co. ("Flash"), Kendall  
sq, Cambridge, Mass.  
Garnet Geo. H. Co., Allentown, Pa.  
Hillyard Mfg. Co., St. Joseph, Mo.  
Morrill Chas. ("Soapurn" & "Apex," for  
All Purposes), 100 Lafayette, New  
York  
Rochester Germicide Co., Rochester, N. Y.  
Rosenstock Chemical Co. ("Arseeco"), 245  
W 28th, New York  
Smithereen Co., 4523 Cottage Grove av,  
Chicago, Ill.  
Soapitor Co., 154 W 14th, New York  
West Disinfecting Co., 12 E 42d, New York

**13807— Soap (Green)**

Columbus Chemical Co. ("High Grade,"  
for Woodwork & Floors), 31 W Lake,  
Chicago, Ill.

**13808— Soap (Hand)**

Adams Enos Co., Bennington, Vt.  
Bobrick Chemical Co., 117 S Garey, Los  
Angeles, Cal.  
Bosson & Lane (Para Oil), Atlantic, Mass.  
Byram Mfg. Co., 373 Washington, Boston,  
Mass.  
California Soap Co., 2437 E 9th, Los An-  
geles, Cal.  
Climax Cleaner & Mfg. Co., Cleveland, O.  
Colgate & Co., 105 Hudson, Jersey City,  
N. J.  
Davies, Young Soap Co. ("Whiz"), Day-  
ton, O.  
Diana Oil & Grease Co., 554 Hamilton av,  
Brooklyn, N. Y.  
Durkee-Atwood Co., 711 N 3rd, Minne-  
apolis, Minn.  
Eastern Supply Co., 2 Canterbury, Worces-  
ter, Mass.  
Eavenson J. & Sons, Camden, N. J.  
Ericka Mfg. Co., Springfield, Mass.  
Flash Chemical Co. ("Flash"), Kendall  
sq, Cambridge, Mass.



Glt Mfg. Co. ("Glt" & "Mechanics Pride"), Westfield, Mass.  
 Hall-Thompson Co., Hartford, Conn.  
 Harrah & Stewart Mfg. Co. ("Thumbs"), Des Moines, Ia.  
 Harral Soap Co., 156 Havemeyer, Brooklyn, N. Y.  
 Hollingshead R. M. Co. ("Krystal Solloff," "Washeasy"), Camden, N. J.  
 International Metal Polish Co. (Cold Cream), Quill & Belt Ry, Indianapolis, Ind.  
 International Supply Co. ("Everybody's"), Kendall sq, Cambridge, Mass.  
 Jergens Andrew Co. ("Jergens" Pumiss), 599 B'way, New York  
 Johnson B. J. Soap Co., 42-4th, Milwaukee, Wis.  
 Kleno Mfg. Co., N Weymouth, Mass.  
 Mione Mfg. Co. ("Mione"), Collingdale, Pa.  
 Modoc Co., Fernwood, Pa.  
 Monahan Antiseptic Co., 166 Curtis, Chicago, Ill.  
 National Soap Co., 440 Franklin, Detroit, Mich.  
 Northwestern Chemical Co. ("Norwesco"), Marietta, O.  
 Orona Mfg. Co., 224 Milk, Boston, Mass.  
 Puritan Soap Co., 496 Exchange, Rochester, N. Y.  
 Rath Mfg. Co. ("Fingarbrite"), Hedley E of Richmond, Phila., Pa.  
 Rexine Co., 426 S River, Sheboygan, Wis.  
 Robertson Vanco Co. ("Vanco" Paste), 103 Park av, New York.  
 Saponol Chemical Co., 1916 Park av, New York  
 Skat Co. ("Skat"), Hartford, Conn.  
 Stanley John T., 642 W 30th, New York  
 Tatlock Bros. ("Tats Grip"), Rochester, N. Y.  
 Utility Co. ("Gresolvent"), 636 W 44th, New York  
 Van Cleef Bros., 7711 Woodlawn av, Chicago, Ill.  
 Waltke Wm. & Co., Grand av & 2nd, St. Louis, Mo.  
 Weller H. P. Supply Co., Erie, Pa.  
 White & Bagley Co., Worcester, Mass.  
 Winn Wm. R. ("Clean Easy"), 143 Maiden la, New York  
 Yeazell-Goldstein Co. ("Shidoo" Paste), Columbus, O.

### 13809— Soap (Harness)

Colgate & Co., 105 Hudson, Jersey City, N. J.  
 Fiebing Chemical Co. ("Fiebing's"), 240 Reed, Milwaukee, Wis.  
 Frazer Lubricator Co. ("Frazer"), 3921 Normal av, Chicago, Ill.  
 Hisgen Bros. ("Four Bros."), Albany, N. Y.  
 Hollingshead R. M. Co. (Castile Cream, etc.; also Saddle Soap), Camden, N. J.  
 Miller Frank Co., 349 W 26th, New York  
 Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Stevens Grease & Oil Co. (For Jobbing Trade Only), E 79th & Avrina av, Cleveland, O.

### 13810— Soap (Linseed Oil)

American Oil Corp. ("Advance") Jackson, Mich.  
 Baum's Castorine Co., Rome, N. Y.  
 Chemical Supply Co., Cleveland, O.  
 Climax Refining Co. ("Bull Dog"), Cleveland, O.  
 Climax Western Oil Co. ("Bull-Dog"), 2824 10th av S, Minneapolis, Minn.  
 Great Western Oil Co., Cleveland, O.  
 Hisgen Bros. ("U-Au-To"), Albany, N. Y.  
 India Alkali Works ("Shield"), 28 India Wharf, Boston, Mass.  
 McLean-Jones Oil & Supply Co. ("Swastika"), 40 India Wharf, Boston, Mass.  
 Modoc Co. (Soft Soap), Fernwood, Phila., Pa.  
 Moore Oil Co. (For Jobbing Trade Only), York & McLean av, Cincinnati, O.  
 Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.  
 Sherwin-Williams Co. ("Flaxoap"), Cleveland, O.  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York

### 13811— Soap (Liquid)

Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.  
 Antiseptol Liquid Soap Co. ("Antiseptol"), 564 W Randolph, Chicago, Ill.

Autozone Chemical Co., 25 Coenties slip, New York  
 Banner Chemical Co., Denver, Col.  
 Bonyata Chemical Co. ("Del-Luzon" Brand), Grinnell, Ia.  
 Carpenter W. D. Co., Syracuse, N. Y.  
 Cedaroleum Co., Perkinsville, Vt.  
 Chemical Supply Co., Cleveland, O.  
 Clifton Chemical Co., 317 Greenwich, New York  
 Climax Refining Co. (Toilet), Cleveland, O.  
 Colgate & Co., 105 Hudson, Jersey City, N. J.  
 Cromwell R. A. Mfg. Co. ("Sphinx"), 303 E 29th, New York  
 Fischer Heinrich Co. ("Latheroll"), 2715 Colerain av, Cincinnati, O.  
 Flash Chemical Co. ("Flash"), Kendall sq, Cambridge, Mass.  
 Fort Pitt Chemical Co. ("Fort Pitt"), 14th & Etna, Pittsburgh, Pa.  
 Garnet Geo. H. Co., Allentown, Pa.  
 Hillyard Mfg. Co., St. Joseph, Mo.  
 Hollingshead R. M. Co. ("Whiz" Toilet), Camden, N. J.  
 Hygenol Co. ("Hygenol"), 2837 Henn, Minneapolis, Minn.  
 Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.  
 Morrill Chas. ("Lavos" & "Apex" Brands), 100 Lafayette, New York  
 Northwestern Chemical Co. ("Klensol"), Marietta, O.  
 Ohio Chemical Co., Findlay, Ohio  
 Packer Mfg. Co. ("Packers" Tar), 81 Fulton, New York  
 Phoenix Oil Co., 2254 W 5th, Cleveland, O.  
 Pioneer Mfg. Co. ("Shino"), Harvard av & E 103rd, Cleveland, O.  
 Puritan Soap Co. ("Puritan"), 496 Exchange, Rochester, N. Y.  
 Rath Mfg. Co., Hedley, E of Richmond, Phila., Pa.  
 Riebe Green Soap Co., Seattle, Wash.  
 Robertson Thos. B. Products Co. ("Triumph"), 700 W Division, Chicago, Ill.  
 Rochester Germicide Co., Rochester, N. Y.  
 Rosenstock Chemical Co. ("Arseeco"), 245 W 28th, New York  
 Saponol Chemical Co., 1916 Park av, New York  
 Sibley Soap Co., Franklin, Pa.  
 Specification Soap & Oil Co., 42 W 13th, New York  
 Strunz S. & Son, 708 Bingham, Pittsburgh, Pa.  
 Triumph Liquid Soap Co., Grinnell, Ia.  
 U. S. Chemical Co., Greenville, O.  
 Vestal Liquid Soap & Disinfectant Co. ("Vestal"), 1121 Pine, St. Louis, Mo.  
 Waldham's Oil Co., 215 National av, Milwaukee, Wis.  
 Walton F. S. Co. ("Victoria"), Orthodox & Del., Phila., Pa.  
 West Disinfecting Co., 12 E 42d, New York

### 13812— Soap Powders

Colgate & Co., 105 Hudson, Jersey City, N. J.  
**VERA CHEMICAL CO.**, North Milwaukee, Wis.; Stoneham, Mass.; Burlington, Ontario, Canada

### 13813— Soap Savers

Hutchins-Kilbourne Co. (Round & Square), Buffalo, N. Y.

### 13814— Soap (Vegetable Oil)

Flash Chemical Co. ("Flash"), Kendall sq, Cambridge, Mass.  
 Harral Soap Co. (For Metal Spinners, etc), 136 Havemeyer, Brooklyn, N. Y.  
 Hoosier Mfg. Co. ("Knoxall"), 45 S Cruise, Indianapolis, Ind.  
 Remmers Soap Co., 2261 Spring Grove av, Cincinnati, O.  
 Riebe Green Soap Co., Seattle, Wash.  
 Robertson Theo. B. Products Co., Inc., ("20 Century"), 700 W Division, Chicago, Ill.

### 13815— Soap (Whale Oil)

Royal Chemical Co., Phoenix, R. I.  
 Swan & Finch Co., 165 B'way, New York

### 13816— Soapmakers' Supplies

Adams Fred C. Co. (Caustic Soda & Soda Ash), 234 S LaSalle, Chicago, Ill.  
**ELBERT & COMPANY (IMP.)**, 71 Wall, New York

### 13817— Soapstone

Alberene Stone Co., 223 E 23d, New York  
 American Mineral Co., Johnson, Vt.  
 Arkansas Soapstone Refractories Co., Little Rock, Ark.  
 Bull Run Talc & Soapstone Co. ("Redoxo"), Clifton Station, Va.  
**CRYSTAL CHARLES B.**, 13 Cliff, New York. *See adv index at end of book*  
 Cohutta Talc Co. (Foundry Facings, Crayons, Pencils, etc), Dalton, Ga.  
 Daniels Willard B. (Imp.), 252 Front, New York  
 Doggett Stanley (Brick, Foundry Facings, etc), 11 Cliff, New York  
 Dolge C. B. Co., Westport, Conn.  
 Dunn & Kruse (Imp.), 63 Park Row, New York  
 Hammill & Gillespie, 240 Front, New York  
 New England Quartz Co. of N. Y. (Powdered), 107 William, New York  
 Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.  
 Phoenix Soapstone Co., 71 Murray, New York  
 Product Sales Co. (Miners), 32 So Calvert, Baltimore, Md.  
 Troy Bros. & Co., 975 Massachusetts av, Rox, Boston, Mass.  
 Union Soapstone Co., 14 Marshall, Boston, Mass.  
 Virginia Soapstone Co. (Kitchen Sinks, Laundry Tubs, Slabs, Hearths, etc), Schuyler, Va.  
**WILLIAMS C. K. & CO.**, Easton, Pa.

### 13818— Soapstone for Electrical Work

Atherene Stone Co., 223 E 23d, New York  
 Doggett Stanley, 11 Cliff, New York  
 Old Dominion Soapstone Corp., Esmond, Va.  
 Phoenix Soapstone Co., 71 Murray, New York  
 Walls, Owen & Stambach Co., 11th & Hamilton, Phila., Pa.

### Soapstone for Lubricants

See Soapstone, Powdered or Dust

### Soapstone (Ground)

See Soapstone, Powdered or Dust

### 13819— Soapstone (Powdered or Dust)

American Mineral Co., Johnson, Vt.  
 American Soapstone Finish Co., Chester Depot, Vt.  
 Atlas Mineral Products Co., Lincoln, N. J.  
 Doggett Stanley, 11 Cliff, New York  
 McIlvaine Bros., 1500 Hamilton, Phila., Pa.  
 Salomon L. A. & Bro. (Powdered), 216 Pearl, New York  
 Smith Facing & Supply Co., Columbia bldg, Cleveland, O.

### 13820— Socket Bushing (Rubber)

Goodrich B. F. Co., Akron, O.  
 New York Rubber Co., Reade & Church, New York  
 Republic Rubber Co., Youngstown, O.

### 13821— \*Socket Linings

**DELAWARE HARD FIBRE CO.** (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

### 13821a— \*Sockets (Auto, One-Man Bow)

**CRANDAL, STONE & CO.** ("Pioneer"), Binghamton, N. Y.

### 13822— Sockets (Awning)

Wilcox, Crittenden & Co., Middletown, Conn.

**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER**



**13823—Sockets (Bow)**

Ashtabula Bow Socket Co. (Leather Covered & Japanned), Ashtabula, O.  
 Cleveland Hardware Co., Cleveland, O.  
 Cortland Forging Co. ("Ajax"), Cortland, N. Y.  
 Crandel, Stone & Co. ("Pioneer"), Binghamton, N. Y.  
 Detroit Forging Co., 120 Mt. Elliot av, Detroit, Mich.  
 Detroit Socket Co., Detroit, Mich.  
 General Drop Forge Co., Buffalo, N. Y.  
 Metal Stamping Co., 13th, Long Island City, N. Y.  
 Mossman, Yarnelle & Co. (Wood, for Auto & Carriage), Fort Wayne, Ind.  
 Owensboro Forging Co. (Steel), Owensboro, Ky.  
 Scherer H. & Co. (Leather Covered & Steel), Detroit, Mich.  
 Woodruff Walter W. & Sons Co., Mt. Carmel, Conn.

**13823a—\*Sockets (Candelabra, Fibre & Brass)**

**MORSE FRANK W.** (Candelabra, Minature & Ediswan), 293 Congress, Boston, Mass. *See adv index at end of book*

**13824—Sockets (Chair)**

Berbecker & Rowland Mfg. Co., Waterville, Conn.

**13825—Sockets (Curtain Pole & Rod)**

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Turner & Seymour Mfg. Co., Torrington, Conn.

**13826—Sockets (Die)**

Cleveland Steel Tool Co., Cleveland, O.

**13827—Sockets (Drill)**

Armstrong Bros. Tool Co. (Blacksmith), 339 N Francisco av, Chicago, Ill.  
 Billings & Spencer Co. ("B & S"), Hartford, Conn.  
 Celfor Tool Co. ("Celfor"), Buchanan, Mich.  
 Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.  
 Collis Co. (Standard Sleeves & Sockets), Clinton, Ia.  
 Detroit Twist Drill Co., 555 Fort, Detroit, Mich. *See adv index at end of book*  
 Keystone Mfg. Co., Buffalo, N. Y.  
 Lancaster Machine & Knife Works, Lancaster, N. Y.  
 Morse Twist Drill & Machine Co., New Bedford, Mass.  
 National Twist Drill & Tool Co. ("National," Taper Shank Sockets & Sleeves), Detroit, Mich.  
 New Process Twist Drill Co., Taunton, Mass.  
 Pratt & Whitney Co. (High Power), Hartford, Conn.  
 Scully Jones & Co., Railway Exch., Chicago, Ill.  
 Union Twist Drill Co. (Steel Blank End, Morse Taper & Fitted), Athol, Mass.  
 Whitely Malleable Castings Co., Muncie, Ind.

**13828—Sockets (Electric Lamp)**

Arrow Electric Co. ("Arrow Forty" "Arrow Twenty"), Hartford, Conn.  
 Benjamin Electric Mfg. Co. (Rotating Counter-balanced), 128 S Sangamon, Chicago, Ill.  
 Bryant Electric Co., Bridgeport, Conn.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*  
 Federal Sign System (Electric), W Lake, Chicago, Ill.  
 Freeman E. H. Electric Co. ("Russell" Keyless), Trenton, N. J.  
 Johns H. W.-Manville Co. ("J-M" Weatherproof Keyless Moulded), Madison av & 41st, New York  
 National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.  
 Paiste H. T. Co., 3201 Arch, Phila., Pa.  
 Pass & Seymour ("P. & S." Weatherproof), Solvay, N. Y.

Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.  
 Union Electric Co., Trenton, N. J.  
 Yost Electric Mfg. Co., Toledo, O.

**13829—\*Sockets (Electric Light)**

**CUTLER-HAMMER MFG. CO.** (Brass Shell), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*

**13830—Sockets (Flag Pole)**

Durkee C. D. & Co., 2 South, New York  
 Marine Hardware Co., Peabody, Mass.  
 Nicol & Co., 218 N Jefferson, Chicago, Ill.  
 Wilcox, Crittenden & Co., Middletown, Conn.

**13831—Sockets (Furniture Leg, Etc.)**

Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.  
 Weber-Knapp Co. (Brass), Jamestown, N. Y.

**13832—Sockets (Incandescent Lamp)**

*See also Sockets, Electric Lamp*  
 Bryant Electric Co. ("New Wrinkle," "Wrinklet"), Bridgeport, Conn.  
 Crouse-Hinds Electric Co. ("Norbett" Weatherproof), Syracuse, N. Y.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*  
 Electric Supply Co. ("Hawkeye"), Sioux City, Ia.

**GENERAL ELECTRIC CO.** ("Double Catch" Metal Shell, Key, Keyless, Pull & Locking), Schenectady, N. Y. *See adv index at end of book*

Hubbell Harvey (Pendant Chain Pull), Bridgeport, Conn.

Johns H. W.-Manville Co., Madison av & 41st, New York

Paiste H. T. Co., 3201 Arch, Phila., Pa.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

Peru Electric Co., Peru, Ind.  
 Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.  
 Yost Electric Mfg. Co., Toledo, O.

**13832a—Sockets (Ladder)**

Arcade Mfg. Co. (Iron), Freeport, Ill.

**13833—Sockets (Lathe)**

Morse Twist Drill & Machine Co., New Bedford, Mass.  
 Union Twist Drill Co., Athol, Mass.

**13834—Sockets (Lock)**

Arrow Electric Co. ("Arrolock," also receptacles), Hartford, Conn.  
 Pass & Seymour ("Shurlok"), Solvay, N. Y.

**13835—Sockets (Miniature Lamp)**

Arrow Electric Co. ("Arrow E," also receptacles), Hartford, Conn.  
 Bryant Electric Co., Bridgeport, Conn.  
 Federal Sign System (Electric), 640 W Lake, Chicago, Ill.  
**GENERAL ELECTRIC CO.** ("Double Catch"), Schenectady, N. Y. *See adv index at end of book*  
 McCandless H. W. & Co., 406 W 31st, New York  
 Mitchell Vance Co., 507 W 24th, New York

**13836—Sockets (Peavey)**

American Logging Tool Co., Evart, Mich.

**13837—\*Sockets (Porcelain)**

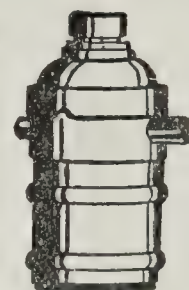
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*  
**GENERAL ELECTRIC CO.** ("Double Catch" Key & Keyless), Schenectady, N. Y. *See adv index at end of book*

**13838—Sockets (Pump Rod)**

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Johnson E. E., St. Paul, Minn.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

**13839—Sockets (Push)**

**CUTLER-HAMMER MFG. CO.** (Push Button), 1200 St. Paul av, Milwaukee, Wis. *See adv index at end of book*

**C-H PUSH SOCKETS**

High capacity—660 watts—25.3 volts. Easy to operate—no rotary key. Neat in appearance. Self-locking ring for securing socket to fixture. Write for catalog.

The Cutler-Hammer Mfg. Co.,  
 1200 St. Paul Avenue,  
 Milwaukee, Wis.

**13840—Sockets (Regulating)**

Knapp Mfg. Co., 48 Warren, New York  
 Pringle Electrical Mfg. Co. ("Ries"), 1906 N 6th, Phila., Pa.  
 Wirt Co. ("Dim-a-lite"), Germantown, Phila., Pa.

**13841—Sockets (Special)**

Federal Electric Co., 640 W Lake, Chicago, Ill.  
**GENERAL ELECTRIC CO.** ("Double Catch"), Schenectady, N. Y., & 30 Church, New York *See adv index at end of book*  
 Hubbell Harvey (Inc.), ("Hubbard," Pendant Chain Pull), Bridgeport, Conn.

**13842—Sockets (Standard)**

Arrow Electric Co. ("Arrowe"), Hartford, Conn.  
 Bryant Electric Co. ("New Wrinkle"), Bridgeport, Conn.  
 Paiste H. T. Co. ("Holoshade"), 3201 Arch, Phila., Pa.  
 Pass & Seymour, Solvay, N. Y.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.  
 Yost Electric Mfg. Co., Toledo, O.

**13843—Sockets (Sucker Rod)**

Masseth Packer & Machine Works ("M. & B."), Butler, Pa.

**13844—Sockets (Waterproof)**

Arrow Electric Co. ("Arrow E."), Hartford, Conn.  
**BENJAMIN ELECTRIC MFG. CO.** ("Ben-co"), 128 S Sangamon, Chicago, Ill.  
 Best Electric Co., Vanadium bldg, Pittsburgh, Pa.  
 Bryant Electric Co. (Weatherproof), Bridgeport, Conn.  
 Connecticut Electric Mfg. Co., Bridgeport, Conn.  
 Crouse-Hinds Co. ("Norblitt" & "Conduletto" Porcelain), Syracuse, N. Y.  
 Dickinson Mfg. Co. (Mica), Springfield, Mass.  
 Federal Electric Co., 640 W Lake, Chicago, Ill.  
 Freeman E. H. Electric Co., Trenton, N. J.  
 Heineman Geo., 500 W Girard av, Phila., Pa.  
 Johns H. W.-Manville Co. (Moulded Mica), Madison av & 41st, New York  
 Mechanical & Electrical Mfg. Co., 2227 Prairie av, Chicago, Ill.  
 Newgard Henry & Co., 947 Wash. blvd, Chicago, Ill.  
 Paiste H. T. Co., 3201 Arch, Phila., Pa.  
 Pass & Seymour, Solvay, N. Y.  
 Sears Henry D. ("Weber-Universal"), 80 Boylston, Boston, Mass.  
 Silemon Hard Rubber Corp., Bridgeport, Conn.  
 Stanley & Patterson ("Newcode"), 23 Murray, New York  
 Trumbull Electric Mfg. Co., Plainville, Conn.

**Sockets (Weatherproof)**

*See Sockets, Waterproof*



**13845— Sockets (Whip)**

Eberhard Mfg. Co., Cleveland, O.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Fernald Mfg. Co., North East, Pa.  
 Flint Specialty Co., Flint, Mich.  
 Landers Bros. Co., Toledo, O.  
 Racine Malleable & Wrought Iron Co., Racine, Wis.  
 Searls Mfg. Co., 29 Mulberry, Newark, N. J.

**13845a—Sockets (Wire Rope)**

**AMERICAN STEEL & WIRE CO., 208 S**  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Broderick & Bascom Rope Co. (Jobbers),  
 Main & Douglas, St. Louis, Mo.  
 Channon Jas. H. Mfg. Co., 227 W Erie,  
 Chicago, Ill.  
 Chicago Steel Foundry Co. ("Chicago,"  
 Crucible Cast Steel), 3701 S Kedzie av,  
 Chicago, Ill.  
 Keystone Drop Forge Works (Drop  
 Forged), Chester, Pa.  
 Laughlin Thos. C., Portland, Me.  
 Leschen A. & Sons Rope Co., 920 N 1st,  
 St. Louis, Mo.  
 Marine Hardware-Equipment Co. ("Acme"  
 & "Mheco" Drop Forged), So Port-  
 land, Me.  
 Pittsburgh Knife & Forge Co., 709 Bel-  
 mont, Pittsburgh, Pa.  
**ROEBLING'S JNO. A. SONS CO.** ("Roeb-  
 ling"). Main Office: Trenton, N. J.  
 Works: Trenton & Roebbing, N. J.  
*See adv index at end of book*  
 Terry & Tench Co., 70 E 45th, New York  
 Trow & Holden Co., Barre, Vt.  
 Wilcox, Crittenden & Co., Middletown,  
 Conn.  
 Williams J. H. & Co. ("Vulcan"), 156  
 Hamilton, av. Brooklyn, N. Y.

**13846—\*Sockets & Receptacles  
(Candelabra)**

**GENERAL ELECTRIC CO.** ("Double-  
 Fluted", "Multi-Catch"), Schenectady,  
 N. Y. *See adv index at end of book*

**13847—Socks (Lumbermen's)**

Adler Underwear & Hosiery Mfg. Co., Har-  
 rison & Queen City avs, Cincinnati, O.  
 Alpena Woolen Mill Co., Alpena, Mich.  
 Berlin Knitting Co., Bangor, Me.  
 Bornemann Ed., St. Peter, Minn.  
 Chicago Hosiery Co., 565 Michigan av, De-  
 troit, Mich.  
 Clare Knitting Mills, Saginaw, Mich.  
 Consolidated Knitting & Spinning Mills,  
 Reading, Pa.  
 Cook Jonas M., Somerset, Pa.  
 Cooper, Wells & Co., St. Joseph, Mich.  
 Detroit Alaska Knitting Mills, 575 Michi-  
 gan av, Detroit, Mich.  
 Fead John L. & Sons, Port Huron, Mich.  
 Forest City Woolen Mills Co., Cleveland,  
 O.  
 Fox River Valley Knitting Co., Appleton,  
 Wis.  
 Frankenmuth Woolen Mill Co., Franken-  
 muth, Mich.  
 Gloversville Knitting Co., Gloversville, N. Y.  
 Hand Knit Hosiery Co., Sheboygan, Wis.  
 Hollywood Mfg. Co., Hollywood, W Va.  
**Inland Knitting Works, Green Bay, Wis.**  
 La Crosse Knitting Works, La Crosse, Wis.  
 Mishawaka Woolen Mfg. Co., Mishawaka,  
 Ind.  
 National Knitting Co., 905 Clinton, Mil-  
 waukee, Wis.  
 New Albany Hosiery Mills, New Albany,  
 Ind.  
**Portage Hosiery Co., Portage, Wis.**  
 Rich John & Bros., Woolrich, Pa.  
 Ripon Knitting Works, Ripon, Wis.  
 Soo Woolen Mills, Sault Ste Marie, Mich.  
 Wood H. H. & Co., Lakeport, N. H.

**13848— Soda Ash**

American Chemical Co., 640 Carr, Cincin-  
 nati, O.  
 Boris Jos. J. (Imp.), Produce Exch, New  
 York  
 Butterworth-Judson Co., Passaic River,  
 Newark, N. J.  
 Clark Fred G. Co. (For Wholesale Trade  
 Only), 1081 W 11th, Cleveland, O.  
 Columbia Chemical Co., Barbarton, O.

Diamond Alkali Co., Wabash bldg, Pitts-  
 burgh, Pa.  
 Harshaw, Fuller & Goodwin Co., Electric  
 bldg, Cleveland, O.  
 Hell Henry Chemical Co. (Imp.), St. Louis,  
 Mo.  
 Hill's Edward Sons & Co. (Agents Mich.  
 Alkali Co.), 64 Wall, New York  
 Horstmann John Co., 685 Bryant, San  
 Francisco, Cal.  
 Innes, Speiden & Co., Inc., 46 Cliff, New  
 York

*See adv index at end of book*  
 Mallinckrodt Chemical Works, 2d & Mal-  
 linckrodt, St. Louis, Mo.  
 Mathieson Alkali Works ("Eagle" &  
 "Thistle" Brand), 53 Canal, Provi-  
 dence, R. I.  
 Mechling Bros. Mfg. Co., Camden, N. J.  
 Michigan Alkali Co., Wyandotte, Mich.  
 Morton Salt Co., 80 E Jackson blvd, Chi-  
 cago, Ill.  
 Partola Mfg. Co., 201 E 10th, New York  
 Penna. Salt Mfg. Co., Widener bldg, Phila.,  
 Pa.  
 Riker J. L. & D. S. (Imp.), 19 Cedar, New  
 York  
 Solvay Process Co., Syracuse, N. Y., Hut-  
 chinson, Kans., & Detroit, Mich.  
 Vera Chemical Co., No. Milwaukee, Wis.  
 Stoneham, Mass., Burlington, Ont.,  
 Canada  
 Welch, Holme & Clark Co., 383 West,  
 New York  
 Wiarda John C. & Co. (Jobbers, 148 58  
 per cent.), 273 Greene, Brooklyn,  
 N. Y.  
 Wing & Evans (Selling Agents), 22 Will-  
 iam, New York  
 Wolf Jacques & Co. (Selling Agents), Pas-  
 saic, N. J.

**Soda (Bi-Carbonate)**

*See Bi-Carbonate of Soda*

**13849—Soda (Bichromate & Flu-  
oride)**

Adams Fred C. Co. (Bichromate), 234 S  
 LaSalle, Chicago, Ill.  
 General Chemical Co., 25 Broad, New  
 York  
 Harshaw, Fuller & Goodwin Co., Electric  
 bldg, Cleveland, O.  
 Klipstein A. & Co., 644 Greenwich, New  
 York  
 Mallinckrodt Chemical Works, 2d & Mal-  
 linckrodt, St. Louis, Mo.  
 Mutual Chemical Co. of Amer., 55 John,  
 New York  
 Natural Products Refining Co. (Bichro-  
 mate), 902 Garfield av, Jersey City,  
 N. J.  
 Partola Mfg. Co. (Bichromate), 201 E  
 10th, New York  
 Roessler & Hasslacher Chemical Co., 100  
 William, New York  
 Wiarda John C. & Co., 273 Greene, Brook-  
 lyn, N. Y.

**13850— Soda (Bisulphate)**

General Chemical Co., 25 Broad, New York  
 Mallinckrodt Chemical Works, 2d & Mal-  
 linckrodt, St. Louis, Mo.  
 Merrimac Chemical Co., 148 State, Boston,  
 Mass.

**13850a—Soda (Hydrosulphite)**

Wolf Jacques & Co., Passaic, N. J.

**13851—Soda Recovery Plants**

International Process Co. ("Carlson"), 5  
 Beekman, New York  
 Newhall Geo. M. Engng. Co. (Engines for  
 Complete Plants), Commercial Trust  
 bldg, Phila., Pa.

**13852— Soda (Selenate)**

Drakenfeld B. F. & Co. (Imp.), 50 Mur-  
 ray, New York

**13853—Soda (Trisodium Phosphate)**

General Chemical Co., 25 Broad, New  
 York  
 Grasselli Chemical Co., Guardian bldg,  
 Cleveland, O.  
 Mallinckrodt Chemical Works, 2d & Mal-  
 linckrodt, St. Louis, Mo.  
 Warner Chemical Co., 52 Vanderbilt av,  
 New York

**13854—Sodium Acetate (Acetate of  
Soda)**

Du Pont Chemical Works, 120 B'way, New  
 York

**Sodium Benzoate**

*See Benzoate of Soda*

**Sodium Bisulphite**

*See Bisulphite of Soda*

**13855— Sodium Bromide**

Dow Chemical Co. (Granular), Midland,  
 Mich.  
 Halogen Chemical Co., Bay City, Mich.

**Sodium Carbonate**

*See Sal Soda*

**Sodium Hydrate**

*See Caustic Soda*

**Sodium Hydroxide**

*See Caustic Soda*

**13856— Sodium Perborate**

Bischoff C. & Co. (Imp.), 451 Washing-  
 ton, New York

**13857— Sodium Phosphate**

Block Chemical Works, 85 Vesey, Newark,  
 N. J.  
 Drakenfeld B. F. & Co. (Imp.), 50 Mur-  
 ray, New York  
 Thomsen Chemical Co., Munsey bldg,  
 Baltimore, Md.  
 Virginia Consolidated Chemical Corp., 100  
 Broadway, New York  
 Warner Chemical Co., 52 Vanderbilt av,  
 New York

**Sodium (Salicylate)**

*See Salicylate of Soda*

**13858— Sodium Salts**

McKesson & Robbins, 91 Fulton, New  
 York  
 Mallinckrodt Chemical Works, 2d & Mal-  
 linckrodt, St. Louis, Mo.  
 Mechling Bros. Mfg. Co. (Sulphide of),  
 Camden, N. J.  
 National Zinc Co., Kansas City, Kans.  
 Roessler & Hasslacher Chemical Co. (Cy-  
 anide of Sodium), 100 William, New  
 York  
 Siemen's & Halske A. G. Sodium Hypo-  
 chlorite for Bleaching Purposes), 90  
 West, New York

**Sodium Sulphate**

*See Salts, Glaubers'*

**13859— Sodium (Sulphide)**

**CLINCHFIELD PRODUCTS CORPN, 120**  
 B'way, New York  
*See adv index at end of book*  
 Mechling Bros. Mfg. Co., Camden, N. J.  
 National Zinc Co., Kansas City, Kans.  
 Roessler & Hasslacher Chemical Co.  
 (Crystals & Fused), 100 William, New  
 York  
 Virginia Consolidated Chemical Corp., 100  
 Broadway, New York

**13860— Sodium Sulphite**

Thomsen Chemical Co., Munsey bldg,  
 Baltimore, Md.

**13861— Softeners (Cotton)**

Arabol Mfg. Co. ("Bradford" Soluble  
 Grease), 100 William, New York  
 Arnold Hoffman & Co., 55 Canal, Provi-  
 dence, R. I.  
 Bosson & Lane ("Olo Soffene"), Atlantic,  
 Boston, Mass.  
 Draper J. O. Co., Pawtucket, R. I.  
 Fox Chas. J., 313 S Philip, Phila., Pa.  
 Harding & Fancourt ("Tuscan"), 516 S  
 Delaware av, Phila., Pa.  
 Holbrook Mfg. Co., 18th & Coles, New  
 York



Houghton E. F. & Co. ("C. G.", "Alba," "Olive Cream"), 240 W. Somerset, Phila., Pa.  
 Leyland Thos. & Co., Readville, Boston, Mass.  
 Loos & Dilworth, 134 S Front av, Phila., Pa.  
 McMeekan D. Mfg. Co. ("Also Silk"), 1070 Pacific, Brooklyn, N. Y.  
 Pawtucket Mordant Co., Pawtucket, R. I.  
 Providence Drysalts Co., 86 Weybosset, Providence, R. I.  
 Providence Sizing Co., Cranston, R. I.  
 Royal Chemical Co., Phenix, R. I.  
 Scholler Bros. Co., 3301 Amber, Phila., Pa.  
 Tanner Chas. S. Co., 250 S Water, Providence, R. I.  
 Wilmington Oil Refining Co., 407 E 13th, Wilmington, Del.  
 Wolf Jacques & Co., Passaic, N. J.  
 Worden Chemical Works, 4 Cedar, New York  
 Zurn O. F. Co. (Turkish Softener, Resolvent Compound), Broad & Lehigh, Phila., Pa.

**13862— Softeners (Skin)**

Emrich, Phil. (Or Arm Stakes), 824 Main, Cincinnati, O.

**13863— Soil Pipe Closers**

Kemp C. M. Mfg. Co. ("Climax"), 405 E Oliver, Baltimore, Md.

**Soil Pipe & Fittings**

See Cast Iron Soil Pipe & Fittings

**13864— Solder (Aluminum)**

Alumalux Co., Sidney, O.  
 Atkinson Co., Rochester, N. Y.  
 Buckeye Products Co., Cincinnati, O.  
 City Brass Foundry Co., 5318 St Clair av, Cleveland, O.  
 Harley Co., Springfield, Mass.  
 Janney, Steinmetz & Co. ("Richards"), 1421 Chestnut, Phila., Pa.  
 Kemp W. H. Co., 165 Spring, New York  
 Lansenkamp F. H., Indianapolis, Ind.  
 Lester Co. ("Arrow"), Fayetteville, N. Y.  
**LUMEN BEARING CO.**, 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*  
 More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.  
 Richards & Company (Inc.), 192 Beverly, Boston, Mass.  
 Ruby Chemical Co., Columbus, O.  
 So-Luminum Mfg. & Engng. Co. ("So-Luminum"), 1790 Broadway, New York  
 United Foundry & Machine Co. ("Lioness"), Bridgeport, Conn.  
 U. S. Reduction Co., E Chicago, Ind.  
 Universal Fluxine Co. ("Acme"), Urbana, Ohio  
 Wildes Thos. Son ("Semper Idem"), 14 Dover, New York

**13865— Solder (Band Saw)**

Fuller Geo. H. & Son Co. (Silver), Pawtucket, R. I.

**13866—Solder (Brass Spelter)**

Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

**13867— Solder (Brazing)**

**AMERICAN BRASS CO.**, Waterbury, Conn.

*For branch offices see adv index at end of book*  
 Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.  
 North American Smelting Co. ("Crescent"), 9th & Thompson, Phila., Pa.  
 Shimer, McGlynn & Co. ("Golden Rod"), 19th & Washington av, Phila., Pa.

**13868—Solder (Gold & Silver)**

Benson H. K. & F. S. (Silver Only), Glen Ridge, N. J.  
 Fuller Geo. H. & Son Co. (Silver), Pawtucket, R. I.  
 Hagstoz T. B. & Son, 709 Sansom, Phila., Pa.  
 Hungerford U. T. Brass & Copper Co. (Silver Only), 80 Lafayette, New York

Linton & Co. (Sheet or Wire), 95 Pine, Providence, R. I.  
 Ney J. M. Co. (Silver Solder for Brazing, etc.), Hartford, Conn.  
 Noble F. H. & Co., 559 W 59th, Chicago, Ill.  
 United Wire & Supply Co. (in Wire & Sheets), Elmwood Station, Providence, R. I.

**13869—Solder (Plumbers', Tinnners' Etc.)**

See also Soldering Paste, Salts & Stick  
**Ajax Metal Co.** ("Ajax"), 46 Richmond, Philadelphia, Pa.

American Casting Co. (Wire), Brooklyn, N. Y.

American Lead Co. (Wire Triangle, etc), 3116 Penn av, Pittsburgh, Pa.

Amer. Smelting & Refining Co., Cincinnati, O.

Atkinson Co., Rochester, N. Y.

Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.

Bogue-Wensley Lead Co., Denver, Colo.

Brady Brass Co., 170 14th, Jersey City, N. J.

Bruce & Cook, 190 Water, New York

Butter Samuel & Co., 284 Franklin, Boston, Mass.

Chadwick-Boston Lead Co. (Bar, Block, Wire, Plumbers', Tinman's & Came or Glaziers'), Boston, Mass.

Chicago Solder Co. (Triangular Solid Wire, Round & Ribbon Bar), 218 N Union av, Chicago, Ill.

Cleveland Alloys Co., Elm & Superior, Cleveland, O.

Columbia Smelting & Refining Wks., 366 West, New York

Delaware Metal Refinery, Washington & 18th, Philadelphia, Pa.

Delphos Mfg. Co., 1st & Pierce, Delphos, Ohio

Detroit Lead Pipe Works, Detroit, Mich.

Eagle Picher Lead Co. The, ("Eagle"), 208 S La Salle, Chicago, Ill.

Eagle Smelting & Refining Works (Wire Segment, Bar, Drop & Capping Triangle, etc), 233 Broadway, New York

Empire Metal Co., Syracuse, N. Y.

Erie White Metal Co., Erie, Pa.

Farrell Edward P. (Soft), 1414 Philpot, Baltimore, Md.

Finn John Metal Works, Seattle, Wash.

Fleck Bros. Co. (Plumbers'), 44 N 5th, Phila., Pa.

Foreign & Domestic Metal Co., Cleveland, O.

Garry Iron & Steel Co., Niles, O.

Graham Jas. & Co., New Haven, Conn.

Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.

Henning V. & Sons, 330 Belmont av, Brooklyn, N. Y.

Hess Barney, 94 Van Dyke, Brooklyn, N. Y.

Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.

Hoyt Metal Co., Boatmen's Bank bldg, St. Louis, Mo.

Hungerford U. T. Brass & Copper Co. (Bar, Tri-Angular & Capping Wire & Segments), 80 Lafayette, New York

Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.

Jacob Bros., Bridgeport, Conn.

Jacobson I. M. & Sons Co., (For All Purposes) 70 Catherine, Detroit, Mich.

Kahn Bros. ("Solder-Iron" Brand), 785 Humboldt, Brooklyn, N. Y.

Kramer H. & Co., 730 S Canal, Chicago, Ill.

Lang E. M. Co. ("Neverslip" Wire, Drop & Stick), Portland, Me.

Lehman Bros., Hoboken, N. J.

Lewis Jno. T. & Bros. Co., Lafayette bldg, Phila., Pa.

Linton & Co. (Sheet Brass), 95 Pine, Providence, R. I.

Lissberger B. & Co. (For All Purposes), 233 Broadway, New York

Lissberger Marks & Son, 281 Borden av, L. I. City, N. Y.

Lukens T. F. Metal Co., 238 N 4th, Phila., Pa.

**LUMEN BEARING CO.**, 200 Lathrop, Buffalo, N. Y. *See adv index at end of book*

McDonald Jas. & Sons Co., Cincinnati, O.

Maryland Brass & Metal Wks., Guilford & Federal, Baltimore, Md.

**MERCHANT & EVANS CO.**, (Bar, Tri-Angular & Capping; Wire & Segments), 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*

**MICHIGAN SMELTING & REFINING CO.**

1695 Jos. Campau, Detroit, Mich.  
 Millar Chas. & Son Co., Utica, N. Y.  
 More-Jones Brass & Metal Co. (Bar Wire & Triangular), B'way & Dock, St. Louis, Mo.  
 Nassau Smelting & Refining Works, 607 W 29th, New York  
 National Copper Refining Co., Cleveland, O.  
 National Lead Co. (Wire, Triangular, Drop & Bar Solder), 111 B'way, New York  
 National Lead & Oil Co. of Pa., Commonwealth bldg, Pittsburgh, Pa.  
 North American Smelting Co. (Tinnners & Brazing), 9th & Thompson, Phila., Pa.  
 Northwestern Shot & Lead Works, 90 Fairfield av W, St. Paul, Minn.  
 Ohio Metal Co., 1137 N 4th, Columbus, O.  
 Pacific Metal Works, 153 1st, San Francisco, Cal.  
 Paragon Metal Co., 3050 S Ashland av, Chicago, Ill.  
 Peerless Alloy Co., Denver, Colo.  
 Pease, N. Y.  
 Pittsburgh Smelting & Refining Co., Elizabeth, & B. & O. R. R., Pittsburgh, Pa.  
 Pittsburgh White Metal Co., 3116 Penn av, Pittsburgh, Pa.  
 Raymond Lead Co. (Wire, Triangular Bar Drops, etc), 735 S Washtenaw av, Chicago, Ill.  
 Reynolds Gardner W., Meriden, Conn.  
 Richards & Company (Inc.) ("Richards"), 192 Beverly, Boston, Mass.  
 Riverside Metal Refining Co., Connellsville, Pa.  
 Rochester Lead Works, Rochester, N. Y.  
 Rogers Metal Works, Kansas City, Mo.  
 Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.  
 Selby Smelting & Lead Co. (Wiping, Wire, Bar Strip, Drop, etc), 201 1st, San Francisco, Cal.  
 Staplin & Smith, 359 W Austin, Chicago, Ill.  
 Star Refining Co., 116 W First, Boston, Mass.  
 Syracuse Smelting Works ("Stanley Process"), 837 Manhattan av, Brooklyn, N. Y.  
 Tatham & Bros., 261 Water, New York  
 Union Smelting & Refining Co. (Wire, Segment, Bar & Drop, Capping, Triangular, etc), 14th & Av D, New York  
 United Lead Co. (Bar Drop, Wire, Triangular, Pulverized Ribbons, Segment, Shot, Tape), 111 B'way, New York  
 United States Reduction Co. (Bar, Wire & Triangular), E Chicago, Ind.  
 United States Smelting Works, 1615 Spring Garden, Philadelphia, Pa.  
 United Wire & Supply Co. (Gold & Silver), Elmwood Station, Providence, R. I.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (All Kinds), Wheeling, W. Va.  
 Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.  
 Woodfall Bros., 1105 Fairmount av, Phila., Pa.

**13870— Solder (Rosin Core)**  
 Belden Mfg. Co. ("Belden" for Switchboard & Telephone Connections), 2316 S Western av, Chicago, Ill.

**13871—Solder (Self-Fluxing)**  
 Allen L. B. Co. ("Presto-Solder"), 4519 N Lincoln, Chicago, Ill.  
 Belden Mfg. Co., 2316 S Western av, Chicago, Ill.  
 Chicago Solder Co. ("Kester," "New Peerless"), 216 N Union av, Chicago, Ill.  
 Dielectric Mfg. Co. ("Soldux"), 224 S Vandeventer av, St. Louis, Mo.  
 Hess & Son ("Tinol"), Watkins bldg, Phila., Pa.  
 Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.  
 National Lead Co., 111 B'way, New York  
 Solderall Co., 143 Liberty, New York



Tread Co. Ltd., Belmar, N. J.  
Western Electric Co., 463 West, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.** ("Weldwell"), East Pittsburgh, Pa. *See adv index at end of book*

### 13871a—\*Solder (Silver Brazing)

**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*

### 13872— Soldering Apparatus for Rail Bonding

Smith of N. Y. Co., 352 Pearl, New York

### 13873— Soldering Coppers

**AMERICAN BRASS CO.**, Waterbury, Conn.

*For branch offices see adv index at end of book*  
Ayars Machine Co. (For Canning Factories, etc), Salem, N. J.

Beall Bros., Alton, Ill.  
**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Clendenin Bros., cor Central av & Fawn, Baltimore, Md.

Delphos Mfg. Co., 1st & Pierce, Delphos, O.  
Diamond Mfg. Co., Detroit, Mich.

Electric Materials Co., North East, Pa.  
Emmelman Bros. Mfg. Co. (Gas), Indianapolis, Ind.

Eureka Co., North East, Pa.  
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.

Isele A. W. Son, 51 Pitt, Boston, Mass.  
Kaufman A. G. Mfg. Co. (Self-Heating), 543 Broadway, New York

Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.

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Osborne C. S. & Co., Harrison, N. J.  
Peck, Stow & Wilcox Co., Southington, Conn.

Taunton-New Bedford Copper Co., Taunton, Mass.

### 13874—Soldering Flux, Paste, Salts & Stick

Allen L. B. Co. ("Allen," "Presto-Soder"), 4519 N Lincoln, Chicago, Ill.

Baltimore Chemical Co. (Flux), 321 St. Paul, Baltimore, Md.

Belden Mfg. Co. (Stick Paste & Salt), 2316 S Western av, Chicago, Ill.

Benson A. R. Co. (Yeager's Salts), Hudson, N. Y.

Blake Signal & Mfg. Co. (Flux & Paste), 251 Causeway, Boston, Mass.

Brunner Chemical Works ("Queen" Flux), 17 E 3d, Cincinnati, O.

Burnley Battery & Mfg. Co. ("Diamond," Stick & Paste), North East, Pa.

Callahan Geo. & Co. (Flux), 218 Front, New York

Central Stamping Co. ("Solderine" Salts), 174 Fulton, New York

Chase-Shawmut Co. ("Red E"), Newburyport, Mass.

Chemical Products Co., 93 Broad, Boston, Mass.

Chicago Solder Co. ("Kester," Self-Fluxing, etc), 218 N Union av, Chicago, Ill.

**CORLISS MFG. & SUPPLY CO.** ("C. C. C." Paste & Salts), 1906 Olive, St. Louis, Mo.

Dielectric Mfg. Co. (Stick, Paste & Salts), 224 S Vandeventer av, St. Louis, Mo.

Dow Chemical Co. (Flux), Midland, Mich.

Dunton M. W. Co. ("Nokorode" Paste & Salts), 150 Niagara, Providence, R. I.

Frazer Lubricator Co. ("Frazeried" Paste), 3921 Normal av, Chicago, Ill.

Garden City Laboratory ("Anchor" Brand Non-Acid Flux), 161 W Harrison, Chicago, Ill.

General Chemical Co. (Salt & Solution), 25 Broad, New York

Grasselli Chemical Co. ("Eureka" Flux, "Standard" Flux, "Snowflake" Soldering Salts), Guardian bldg, Cleveland, O.

Hartwig Wm. J. Co. ("New Idea"), Detroit, Mich.

Highland Electro Chemical Mfg. Co. (Insulating Soldering Paste), Connellsville, Pa.

Leveridge C. W. ("Yankee Salts"), 133 Liberty, New York

McGill Mfg. Co. ("Star" Stick & Paste, "Crescent" Flux, Fluid, Salts, Sticks & Paste), 77 Oak, Valparaiso, Ind.

*See adv index at end of book*  
Manhattan Electric Supply Co. ("Excelsior"), 17 Park pl, New York

Merrimac Chemical Co., 48 State, Boston, Mass.

National Lead Co. ("Excelsior" Flux), 111 B'way, New York

Reade Mfg. Co. ("Incomparable," Fluid & Tinning Solution, "Readina" Solution, "Readeana" Paste), Hoboken, N. J.

Ruby Chemical Co. ("Ruby," Fluid), Columbus, O.

Sandoval Zinc Co. (Flux, Salts, etc), 410 N Peoria, Chicago, Ill.

Schneider Emil (Salts), 298 South, Newark, N. J.

Seldner & Enequist (Soldering Fluid & Tinning Flux), 86 Housman, Brooklyn, N. Y.

Solderall Co. ("Peerless Paste"), 143 Liberty, New York

Sole Mfg. Co. (Paste), 148 Chambers, New York

Tread Co. Ltd. (Stick, Paste & Salts), Belmar, N. J.

United Lead Co. (Fluid), 111 B'way, New York

Universal Fluxine Co. ("Universal," Fluid), Urbana, O.

Weaver Specialty Co. ("Oakwood" Paste, Salts & Liquid), 6344 Aurelia, Pittsburgh, Pa.

**WESTINGHOUSE ELECTRIC & MFG. CO.** ("Weldwell"), East Pittsburgh, Pa.

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Vulcan Electric Heating Co. ("Vulcan"), 107 W 13th, New York  
Waage Electric Co., 12 S Jefferson, Chicago, Ill.

### 13880—Soldering Irons (Self Heating)

Ams Max Machine Co. (For Cannery, etc), Bridgeport, Conn.

**BEACH-RUSS CO.**, 220 B'way, New York  
*See adv index at end of book*

**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*

Decker Mfg. Co., 251 Elm, Newark, N. J.

Lyon Conklin & Co. ("Marvell"), 19 Balderston, Baltimore, Md.

### 13881— Soldering Sets

Arcade Mfg. Co., Freeport, Ill.

Barrett W. L. ("Handy," "Leader"), Bristol, Conn.

Dunton M. W. Co. ("Nokorode Solderkit"), 150 Niagara, Providence, R. I.

Millers Falls Co. ("Gem"), 23 Warren, New York

Peck, Snow & Wilcox Co., Southington, Conn.

Stover Mfg. Co. ("Ideal"), Freeport, Ill.

Williams Chas. & Co., Bigelow, N. Y.

Winn Wm. R. (Non-Corrosive), 143 Maiden la, New York

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**13888—Sounding Lines (Deep Sea)**

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
See adv index at end of book

**13889—Sowers (Hand Seed)**

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.  
Ames Plow Co., Quincy Hall, Boston, Mass.  
Cyclone Seeder Co., Urbana, Ind.  
Everett J. A. (Broadcast), Indianapolis, Ind.  
Goodell Co. ("Cahoon"), Antrim, N. H.  
Humphrey & Sons (Broadcast), Joliet, Ill.  
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.  
Seeder Mfg. Co., Homer, Mich.  
Whitman Agricultural Co. ("Tornado," "Cyclone," "Pacific," "Cahoon" Powder), 7000 S B'way, St. Louis, Mo.

**13890—Sowers (Plaster)**

Foster & Williams Mfg. Co., Racine, Wis.  
Ontario Drill Co., East Rochester, N. Y.  
Williams Bros. (Broadcast Plaster or Grain), Ithaca, N. Y.

**13891—Sowers & Drills (Hand Seed Garden)**

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.  
Ames Plow Co., Quincy Hall, Boston, Mass.  
Bacon Mfg. Co. (Seed Drills), Pontiac, Mich.  
Bateman Mfg. Co., Grenloch, N. J.  
Everett J. A., Indianapolis, Ind.

**13892—Sowers & Drills (Lime & Fertilizer)**

Thomas Mfg. Co. ("Thomas"), Springfield, O.

**Sowers & Seeders**

See Seeders & Sowers

**13893—Spacers (Button & Button Hole)**

Firsching John A., Utica, N. Y.

**13893a—Spacers (Tie)**

Madden Co., Railway Exch. bldg, Chicago, Ill.  
Reading Specialties Co., Reading, Pa.  
Spencer Otis Co., Chicago, Ill.

**Spade Mfrs.**

See Shovel, Spade & Scoop Manufacturers

**13894—Spades (Barking)**

Romer Axe Co. ("Romer," Cedar Barking), Dunkirk, N. Y.

**13895—Spades (Concrete)**

Bond Harold L. Co. ("Ross"), 391 Atlantic av, Boston, Mass.  
Conneaut Shovel Co. ("Bannister's"), Conneaut, O.

**Spades (Drain & Ditching)**

See Shovels & Spades, Drain & Tiling

**13896—Spades (Garden)**

See also Shovel, Spade & Scoop Manufacturers

Hall Mfg. Co. ("Hall," Pony), Monticello, Ia.  
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
Indiana Shovel Co. ("Maryland"), New Castle, Ind.  
Jackson Shovel & Tool Co., Montpelier, Ind.

Ohio Shovel & Stamping Co., Dover, O.  
Western Steel & Iron Works, De Pere, Wis.

**Spades (Tiling)**

See Shovels & Spades, Drain & Tiling

**13897—Spades (Wooden)**

Estes E. B. & Sons (Butler, etc), 358 5th av, New York  
See adv index at end of book

**13898—Spads (Miners')**

Black Diamond Spad Co., Box 414, Richmond, Va.  
Howells Mining Drill Co., Plymouth, Pa.  
Mulrhead John & Son, Pittston, Pa.  
Smith-Courtney Co. ("Coltay"), Richmond, Va.

**Span Wire Forks**

See Forks, Rising

**13899—Spanners (Plug)**

Williams J. H. & Co. ("Falcon"), 156 Hamilton av, Brooklyn, N. Y.

**Spars**

See Masts & Spars

**13900—Speaking Tubes**

Berger Mfg. Co., Canton, O.  
Cowles C. & Co. (Automobile & Electric Megaphone), New Haven, Conn.  
Ivins Elwood Tube Works ("Seamless"), Oak Lane Station, Philadelphia, Pa.  
Kell Frances & Son ("Reliance"), 401 E 163d, New York  
Klauer Mfg. Co., Dubuque, Ia.  
Lamb & Ritchie Co. (Tin, etc), Cambridge, Mass.  
McWade Wm. J. (Combination Tube Phone & Mail Box), 3140 S Canal, Chicago, Ill.  
Manhattan Electrical Supply Co., 17 Park pl, New York  
Ostrander W. R. & Co., 371 B'way, New York  
Poole Jas. W., 16 Columbia, Boston, Mass.  
Van Wagener-Linn Construction Co., 1133 B'way, New York  
Vulcan Mfg. Co. ("McWade" Combination Phone & Mail Box), 3140 S Canal, Chicago, Ill.  
Walsh, Owen Mfg. Co., 525 W 26th, New York  
Wilhelm Henry, 70 Frost, Brooklyn, N. Y.

**13901—Spears (Casing)**

Luther Mfg. Co., Olean, N. Y.

**13902—Spears (Fish)**

Arcade Mfg. Co., Freeport, Ill.  
Bonafide Mfg. Co. ("Original," "St. Clair," also Frog), Plymouth, Mich.  
Collins Co., Collinsville, Conn.

**13902a—\*Spears (Flag)**

Estes E. B. & Sons (Wood), 358 5th av, New York  
See adv index at end of book

**13903—Spears (Oil Well Casing)**

Masseth Packer & Machine Works (Trip & Bull Dog), Butler, Pa.

**13904—Special Mill Work (Interior & Exterior Finish)**

Cullen & Vaughn Co., 450 Dayton, Hamilton, O.

**Specialties (Educational)**

See Blocks A. B. C.

**13904a—\*Specialties (Electrical, Wood)**

Estes E. B. & Sons, 358 5th av, N. Y.  
See adv index at end of book  
Hartman Electrical Mfg. Co., Mansfield, O.  
Katzenbach F. S. Co. (Wholesale), Trenton, N. J.  
South Bend Current Control Co., South Bend, Ind.

**13904b—\*Specialties ("Kewanee")**

**NATIONAL TUBE CO.,** Frick bldg, Pittsburgh, Pa.  
See adv index at end of book

**13905—\*Specialties (Manicure, School & Toy)**

Estes E. B. & Sons (Wood), 358 5th av, N. Y. See adv index at end of book

**13906—\*Specimen Cases (Metal, for Museum)**

**SNEAD & CO., IRON WORKS,** 98 Pine Jersey City, N. J.  
See adv index at end of book

**13907—Spectrometers**

Bausch & Lomb Optical Co., Rochester, N. Y.  
Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.

**13908—Spectroscopes & Polariscopes**

Eimer & Amend ("Franz Schmidt" & "Hoensch"), 205 3d av, New York  
Gaertner Wm. & Co., 5349 Lake Park av, Chicago, Ill.  
Hell Henry Chemical Co., St. Louis, Mo.  
Sargent E. H. & Co. ("Bates"), 125 W Lake, Chicago, Ill.

**13909—Speedometers**

American Ever Ready Works ("American" Magnetic), Thompson av, L. I. City, New York  
American Speed Indicator Co. ("Kenney" Marine), New London, Conn.  
Corbin Screw Corp. ("Oorbin-Brown"), New Britain, Conn.  
Du Vivier Ernest H., 30 Church, New York  
Electric Tachometer Co. (Electric), Perry bl, Phila., Pa.  
Hamilton Corp. ("Multometer"), Lancaster, Pa.  
Hoffecker Co. ("Steady Hand"), 222 Elliot, Boston, Mass.  
Johns H. W.-Manville Co. ("Johns-Manville"), Madison av & 41st, New York  
Jones Speedometer Co., 32 33rd, Brooklyn, N. Y.  
Lawrence Geo. E. ("Kenney" Marine), Bullitt bldg, Philadelphia, Pa.  
Nelson Blower & Furnace Co. ("Reliance"), L. & Elkins, Boston, Mass.  
Sears-Cross Co., 218 W 65th, New York  
Standard Thermometer Co. ("Standard"), 65 Shirley, Boston, Mass.  
Star Speedometer Co. ("Star"), Milton, Pa.  
Stewart-Warner Speedometer Corp. ("Warner," "Stewart"), 1826 Diversey Parkway, Chicago, Ill.  
Troy Carriage Sun Shade Co., Troy, O.  
Van Sicklen Co., Elgin, Ill.

**Speed Reduction Transmission**

See Variable Speed Transmission

**13910—Spelter**

See also Smelters of Spelter; also Smelters & Refiners

American Metal Co. (Jobbers), 61 B'way, New York  
American Smelting & Refining Co., 120 B'way, New York  
American Zinc, Lead & Smelting Co., Caney, Kan.  
Bartlesville Zinc Co., Bartlesville, Okla.  
Beer, Sondheimer & Co. (Refiners), 61 B'way, New York  
Behr & Steiner, 81 Fulton, New York  
Blatchford E. W. Co., 230 N Clinton, Chicago, Ill.  
Coates, Bennett & Reidenbach, Rochester, N. Y.  
Delaware Metal Refinery, Washington & 18th, Philadelphia, Pa.  
Eagle Picher Lead Co. (The), 208 S La Salle, Chicago, Ill.  
Eagle Smelting & Refining Works, 232 B'way, New York  
Edgar Zinc Co., Security bldg., St. Louis, Mo.  
Electrolytic Zinc Co., 3 S William, New York  
Foreign & Domestic Metal Co., Cleveland, Ohio  
Granby Mining & Smelting Co., St. Louis, Mo.  
Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
Great Western Smelting & Refining Co., 41st & Wallace, Chicago, Ill.  
Hayman Michael & Co., Buffalo, N. Y.  
Hegeler Zinc Co., Danville, Ill.  
Henning V. & Son 330 Belmont av, Brooklyn, N. Y.  
Henryetta Spelter Co., Henryetta, Okla.  
Hiertz Theo. Metal Co., Alaska & Tesson, St. Louis, Mo.



Humphreys E. C. Co. (Prime Western), Book bldg, Detroit, Mich.  
 Illinois Smelting & Refining Co., 410 N Peoria, Chicago, Ill.  
 Illinois Zinc Co., Peru, Ill.  
 Jacobson I. M. & Sons Co., 70 Catherine, Detroit, Mich.  
 Kahn Bros. ("Star" Brand), 785 Humboldt, Brooklyn, N. Y.  
 Kessler Joseph G., 269 Russell, Brooklyn, N. Y.  
 Kramer H. & Co., 730 S Canal, Chicago, Ill.  
 Lissberger, Marks & Son, 281 Borden av, L. I. City, N. Y.  
 London & Sack, 259 Front, New York  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

### MICHIGAN SMELTING & REFINING CO.

1695 Jos. Campau, Detroit, Mich.  
 Mineral Point Zinc Co., 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.  
 Nassau Smelting & Refining Works, 609 W 29th, New York  
 National Copper Refining Co., Cleveland, Ohio  
 National Zinc Co., Kansas City, Kans.  
 New Jersey Zinc Co. ("Horsehead," "Bertha," "White Bronze," "Franklin," "Prime Western," "Nassau"), 55 Wall, New York  
 O'Connor J. J. & Co. (Dealers), Pittsburgh, Pa.  
 Ohio Metal Co., 1137 N 4th, Columbus, O.  
 Prime Western Smelter Co., Gas, Kan.  
 Raymond Lead Co., 735 S Washtenaw av, Chicago, Ill.  
 Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.  
 Trench C. S. & Co., 81 Fulton, New York  
 Union Smelting & Refining Co., 14th & Av D, New York  
 United Smelting & Aluminum Corp., 187 Commerce, New Haven, Conn.  
*See adv index at end of book*  
 United States Reduction Co., E Chicago, Ind.  
 United States Smelting Co., 120 B'way, New York  
 Vernon Metal & Produce Co., 25 Beaver, New York  
 Vogelstein L. & Co. (Imp.), 42 B'way, New York  
 Vulcan Louisville Smelting Co. ("Vulcan"), 208 S La Salle, Chicago, Ill.  
 Woodfall Bros., 1105 Fairmount av, Phila., Pa.

### 13911-2— Spermaceti

Robinson W. A. & Co., New Bedford, Mass.  
 Smith & Nichols (Jobbers), 121 Maiden la, New York

### Sperm Oils

*See Oils, Sperm & Whale*

### 13913— \*Spice Mills

*See also Mills, Coffee & Spice*  
 Brown A. & F. Co., 79 Barclay, New York

### 13914— Spiders

Bowman Geo. H. Co. ("Swissalu" Aluminum), 224 Euclid av, Cleveland, O.  
 Wagner Mfg. Co. ("Wagner," Cast Aluminum), Sidney, O.

### 13915— Spiegel Silicon

Lavino E. J. & Co., Bullitt bldg, Philadelphia, Pa.  
 Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

### 13916— Spiegeleisen

Bond, Vivian & Co. (Imp.), 68 Beaver, New York  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Crocker Bros. (German), 42d & Madison av, New York  
 Dana & Co. (English & German), 111 B'way, New York  
 Lavino E. J. & Co., Bullitt bldg, Philadelphia, Pa.

**LEAVITT C. W. & CO.** (English & German), 34 Church, New York  
*See adv index at end of book*  
 New Jersey Zinc Co. (From Zinc Residium), 55 Wall, New York  
 Rogers, Brown & Co., Cincinnati, O.  
 Samuel Frank, Harrison bldg, Phila., Pa.  
 Seaboard Steel & Manganese Corp., 5 Nassau, New York  
 Tennant C. Sons & Co. of N. Y. (Imp.), 100 William, New York

### Spigots

*See Pegs, Wood*

### 13916a— \*Spike Mfrs.

## ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco  
 Roe & Conover, 206 Frelinghuysen av, Newark, N. J.  
*See adv index at end of book*

### Spikes (Boat)

*See Spikes, Ship, Dock & Bridge*

### 13917—Spikes (Boat, Composition)

Taunton-New Bedford Copper Co., Taunton, Mass.

### Spikes (Bridge)

*See Spikes, Ship, Dock & Bridge*

### 13918— Spikes (Copper)

Hussey C. G. & Co., 2850 2nd av, Pittsburgh, Pa.

### 13919— Spikes (Cut)

Atlantic Steel Co., Atlanta, Ga.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Brooke E. & G. Iron Co., Birdsboro, Pa.  
 Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y., & Newark, N. J.  
 Illinois Nail Co., 826 Dix, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 La Belle Iron Works, Steubenville, O.  
 Malleable Iron Fittings Co. (Zinc Coated Iron), ("M. I. F. Co."), Branford, Conn.  
 Norton Iron Works, Ashland, Ky.  
 Republic Iron & Steel Co., Youngstown, O.  
 Severance S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Tredegar Co., Richmond, Va.  
 Tremont Nail Co., West Wareham, Mass.  
 Van Alen & Co., Northumberland, Pa.

### Spikes (Dock)

*See Spikes, Ship, Dock & Bridge*

### 13920—Spikes (Hand Made)

Davis Bros., 29th & Bristol, Phila., Pa.  
 Ulmer Theo. C., Richmond & E Col., Philadelphia, Pa.

### 13921— Spikes (Marline)

Wilcox, Crittenden & Co., Middletown, Conn.

### 13922—Spikes (Railroad Track)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Ames W. & Co., Communipaw av, Jersey City, N. J.  
 Atlantic Steel Co., Atlanta, Ga.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Davis Bros., N 29th & Bristol, Phila., Pa.  
 Dilworth, Porter & Co., Ltd. ("Goldie"), 4th & Bingham, Pittsburgh, Pa.  
 Easton Car & Construction Co., 4th st, Easton, Pa.  
 Elyria Iron & Steel Co., Cleveland, Ohio  
 Illinois Steel Co. (Chisel Pointed or Screw Spikes), 208 S La Salle, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Judson Mfg. Co., 819 Folsom, San Francisco, Cal.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Kokomo Steel & Wire Co., Kokomo, Ind.

Lebanon Valley Iron & Steel Co. (Iron & Steel), Lebanon, Pa.  
**Oliver Iron & Steel Co. (Screw)**, S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Gage & Supply Co. (Jobbers), 30th & Liberty av, Pittsburgh, Pa.  
 Pottsville Bolt Co., Pittsburgh, Pa.  
 Republic Iron & Steel Co., Youngstown, O.  
 Scranton Bolt & Nut Co., Scranton, Pa.  
 Severance S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Sylvester Co., 141 Milk, Boston, Mass.  
 Tredegar Co., Richmond, Va.

### 13923— Spikes (Rubber)

Mechanical Rubber Co., Cleveland, O.

### 13924— Spikes (Screw)

Bethlehem Steel Co., So. Bethlehem, Pa.  
 Illinois Steel Co. (Track), 208 S La Salle, Chicago, Ill.  
 Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.  
 Steel Car Forge Co., Pittsburgh, Pa.

### 13925— Spikes (Ship, Dock & Bridge)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Ames W. & Co., Communipaw av, Jersey City, N. J.  
 Bayonne Bolt & Nut Co., Bayonne, N. J.  
 Bethlehem Steel Co., So. Bethlehem, Pa.  
 Cambria Steel Co. (Length 3 to 20 inches), Widener bldg, Philadelphia, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Davis Bros., 29th & Bristol, Phila., Pa.  
 Dilworth, Porter & Co., Ltd. (Steel), 4th & Bingham, Pittsburgh, Pa.  
 Empire Galvanizing Co. (Galvanized), 2507 E Cumberland, Philadelphia, Pa.  
 Hoopes & Townsend Co., Broad & Buttonwood, Philadelphia, Pa.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Judson Mfg. Co., 819 Folsom, San Francisco, Cal.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 La Belle Iron Works, Steubenville, O.  
 Lanz Matthew & Sons, 2907 Carson, Pittsburgh, Pa.  
 Michigan Bolt & Nut Works, Detroit, Mich.  
 Norton Iron Works, Ashland, Ky.  
 Old Dominion Iron & Nail Works Co., Richmond, Va.  
**Oliver Iron & Steel Co.**, S 10th & Muriel, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.  
 Republic Iron & Steel Co., Youngstown, O.  
 Scranton Bolt & Nut Co., Scranton, Pa.  
 Severance S. Mfg. Co., 3d, Pittsburgh, Pa.  
 Sylvester Co., 141 Milk, Boston, Mass.  
 Tredegar Co., Richmond, Va.  
 Tremont Nail Co., West Wareham, Mass.

### Spikes (Track)

*See Spikes, Railroad Track*

### Spikes (Wharf)

*See Spikes, Ship, Dock & Bridge*

### 13926— Spikes (Wire)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Crawfordsville Wire & Nail Co., Crawfordsville, Ind.  
 Gulf States Steel Co., Birmingham, Ala.  
 Kelly Nail & Iron Co., Ironton, O.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Morgan Spring Co., Worcester, Mass.  
 Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.  
 Wire Goods Co., Worcester, Mass.  
 Youngstown Sheet & Tube Co., Youngstown, O.

### 13927— \*Spikes (Wood)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*



**13928— Spindles (Clamp)**

**GEM MFG. CO.** ("Gem," for Holding Burring & Polishing Wheels, etc), Goebel nr Fulton, N S, Pittsburgh, Pa.  
*See adv index at end of book*

**13929—Spindles (Drill & Lathe)**

**Hammond Steel & Forgings Co., Solvay, N. Y.**  
**Horsburgh Forging Co., Cleveland, O.**  
**Titusville Forge Co., Titusville, Pa.**

**13930—Spindles (Machine Tool)**

**Hammond Steel & Forgings Co., Solvay, N. Y.**  
**Horsburgh Forging Co., Cleveland, O.**  
**Machinery Forging Co., Cleveland, O.**  
**OHIO FORGE CO.** (Forged), Cleveland, O. *See adv index at end of book*  
**Pennsylvania Forge Co., Wakeling & Bermuda, Philadelphia, Pa.**  
**Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.**

**13931— Spindles (Wood)**

**Bogert & Hopper Co.** (Carriage Furniture & Turned & Twisted Wood, etc), 67 Barclay, New York  
**Dann Bros. & Co., New Haven, Conn.**

Established 1847 **E. B. Estes & Sons**

Manufacturers of

**WOODEN SPINDLES**

For Furniture, Screen Doors Toy Work, Carriages, Knobs  
Petwells, Lowel Rods, Automatic Lathe Work a Specialty  
**358-5th Ave. New York City**

**Frary Mfg Co., Charlemont, Mass.**  
**Rowe Henry Mfg. Co., Newaygo, Mich.**  
**Stephenson Mfg. Co.** (Turned & Twisted, for Furniture, Carriages, etc), South Bend, Ind.

**13932— Spinning (Metal)**

**American Metal Ware Co., 368 W Huron, Chicago, Ill.**

**BADGER E. B. & SONS CO., 75 Pitts, Boston, Mass.**

*See adv index at end of book*

**Barlow Co., Holyoke, Mass.**  
**Bassemir John & Son, 37 Frankfort, New York**

**Boekel Wm. & Co., 518 Vine, Phila., Pa.**  
**Braun David J. Mfg. Co., 668 W Washington, Chicago, Ill.**

**Broschart & Braun, 601 W 130th, New York**

**Century Metal Spinning & Stamping Co., 247 Centre, New York**

**Consolidated Mfg. Co., Dayton, O.**  
**Crescent Brass Mfg. Co. (All Metals), Cleveland, O.**

**DAHLQUIST MFG. CO., 40 W 3d, So. Boston, Mass.** *See adv index at end of book*

**Detroit Art Metal Co., Detroit, Mich.**  
**Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.**

**Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.**

**Eberhard Geo., 9 Calender, Providence, R. I.**

**Flint Elec. & Mfg. Co., 1402 Delgany, Denver, Colo.**

**Fowler Lamp & Mfg. Co., 59 E 24th, Chicago, Ill.**

**Friedley-Voshardt Co. (Inc.) (Brass & Copper), 733 S Halsted, Chicago, Ill.**

**Gerstein Bros. & Cooper, 3 W 3d, So. Boston, Mass.**

**GEUDER, PAESCHKE & FREY CO. (In all Metals), Milwaukee, Wis.**

*See adv index at end of book*

**Giese Mfg. Co. (German Silver, Copper, Brass & Steel), 260 S 5th, Phila., Pa.**

**Glaser A., 61 Frankfort, New York**

**Hergert Theo. E., 422 E 53d, New York**

**Howard Jas. L. & Co., Hartford, Conn.**

**Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.**

*See adv index at end of book*

**Ireland & Matthews Mfg. Co., Detroit, Mich.**

**John's Stamping & Machine Works Co., Cleveland, O.**

*See adv index at end of book*

**Klauser Chas., 460 N 12th, Phila., Pa.**  
**Magosy & Buscher, 118 Walker, New York**  
**Metal Crafters (The), East Stroudsburg, Pa.** *See adv index at end of book*

**Miller & Doing, 60 York, Brooklyn, N. Y.**

**Naugatuck Mfg. Co., Naugatuck, Conn.**

**Partenheimer Otto, 2 Howard, New York**

**Phila. Metal Stamping Co., 2215 Chestnut, Phila., Pa.**

**Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.**

**Pritchard Stamping Co., Rochester, N. Y.**

**Providence Metal Spinning Co., 185 Eddy, Providence, R. I.**

**Riverside Metal Co., Riverside, N. J.**

**Salch Geo. J., 239 Centre, New York**

**Scrannage Bros., 77 Travers, Boston, Mass.**

**Skidd Chas. Mfg. Co., Kenosha, Wis.**

**Smith of N. Y. Co., 352 Pearl, New York**

**Standard Metal Spinning Co., 138 Mott, New York**

**Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.**

**Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.**

**Weimer C. A., Lorain, O.**

**13933—Spirals for Concrete Columns**

**American System of Reinforcing ("Unit"), 10 S La Salle, Chicago, Ill.**

**Concrete Steel Co., 42 Broadway, New York**

**13934— Spirits (Cologne)**

**American Distributing Co., 27 William, New York**

**American Spirits Mfg. Co., 27 William, New York**

**Jefferson Distilling & Denaturing Co., Harvey, La.**

**Standard Distilling & Distributing Co., 27 William, New York**

**United States Industrial Alcohol Co., 27 William, New York**

**13935— Spirits (Wood)**

*See also Alcohol, Wood*

**Georgia Pine Turpentine Co., 160 Perry, New York, & Fargo, Ga.**

**Peninsular Naval Stores Co., Jacksonville, Fla.**

**Willcox-Ives Oil Co., Savannah, Ga.**

**13935a—\*Spittoons (Galvanized, Japanned Enameled)**

*See also Cuspidors*

**GEUDER, PAESCHKE & FREY CO., Milwaukee, Wis.** *See adv index at end of book*

**13936— Spittoons (Railway)**

**Indiana Hollow Ware Co. ("Inter-Urban," for Street & Ry cars, with Adjustable Fastened Cover), Jeffersonville, Ind.**

**13937—Spittoons (Steel Factory)**

*See also Cuspidors*

**Cleveland Wire Spring Co., Cleveland, O.**

**OHIO MFG. CO., P. O. Box 358, Painesville, O.** *See adv index at end of book*

**Vogel Wm. & Bros., 37 S 9th, Brooklyn, N. Y.**

**13938— Splicers (Cable)**

**GENERAL ELECTRIC CO., Schenectady, N. Y.** *See adv index at end of book*

**Leschen A. & Sons Rope Co. (For Wire Cables), 920 N 1st, St. Louis, Mo.**

**13939—Splicers (Register, Bell & Trolley Cord)**

**Wood Chas. N. Co. ("C. N. W."), 81 Milk, Boston, Mass.**

**13940— Splicers (Wire)**

**Ohio Brass Co. ("O. B." Trolley Wire), Mansfield, O.**

**Wagner Mfg. Co. ("Little Giant"), Cedar Falls, Ia.**

**13941—Splicers (Wire Fence)**

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**

*See adv index at end of book*

**13941a—\*Splints (Match & Kindergarten)**

**Estes B. & Sons, 358 5th av, New York**  
*See adv index at end of book*

**13942— Splints (Surgeons')**

**ESTES E. B. & SONS, 358 5th av, New York** *See adv index at end of book*  
**Safety First Supply Co., Hartje bldg., Pittsburgh, Pa.**

**13942a—\*Splints (Wire Gauze)**

**WRIGHT WIRE CO. ("Excelsior"), Worcester, Mass.**  
*See adv index at end of book*

**13942b—\*Split Leather Solutions**

**DU PONT CHEMICAL WORKS, 120 Broadway, New York**

**13943— Splitters (Nut)**

**Carolus Mfg. Co., Sterling, Ill.**  
**Whisler John ("Whisler"), Gibson, Ia.**

**13944—Spokes (Motor Cycle & Bicycle)**

**Standard Co. ("Diamond E."), Torrington, Conn.**

**13944a—Spokes (Wagon & Carriage Wheel)**

**Allen J. W., Scottsville, Ky.**  
**Arkins Bros., Attoway, Va.**

**Armstrong Wm. H., South Coventry, Conn.**

**Avoca Wheel Co. (Hickory), Avoca, N. Y.**

**Bailey C. & Co., Elmsport, Pa.**

**Baldwin Bros. (Wagon), Ironton, Mo.**

**Baltimore Hub-Wheel & Mfg. Co., Falls-way & Gay, Baltimore, Md.**

**Batesville Mfg. Co. (Buggy), Batesville, Miss.**

**Beveridge & Taylor, Bristol, Tenn.**

**Bimel-Ashcroft Mfg. Co., Dermott, Ark.**

**Bimel-Ashcroft Mfg. Co., Poplar Bluff, Mo.**

**Bimel Spoke & Auto Wheel Co., Portland, Ind.**

**Bookwalter Wheel Co., Miamisburg, O.**

**Breece Mfg. Co., Portsmouth, O.**

**Buckeye Handle, Gear & Bending Co., Alliance, O.**

**Buckley John, Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.**

**Buffington Wheel Co., Burlington, Ia.**

**Burroughs-Ross-Colville Co., McMinnville, Tenn.**

**Byrn Bros., Brownsville, Tenn.**

**Campbell M. R., Tullahoma, Tenn.**

**Cheney Bros. (Carriage), Jamaica, Vt.**

**Clark-Gay Mfg. Co., Little Rock, Ark.**

**Cone Jos. D., North Vernon, Ind.**

**Crane & MacMahon, 10 Bridge, New York**

**Cumberland Valley Spoke & Bending Co. (& Automobiles), Hagerstown, Md.**

**Doles Edwin E., Greensburg, Ind.**

**Donges John & Co., Hamilton, O.**

**Dresden Spoke Co., Dresden, Tenn.**

**Eberly & Orris Mfg. Co., Mechanicsburg, Pa.**

**Farmville Mfg. Co., Farmville, Va.**

**Fulton Conway & Co., Louisville, Ky.**

**Gagley Joseph & Son, Baldknob, Ark.**

**Galloway-Kennedy Co., Clarendon, Ark.**

**Garrett Wm., Canandaigua, N. Y.**

**Gladding C. B., Geneva, O.**

**Graham Thos. & Co., Madison, Ind.**

**Hartwell Bros., Chicago Heights, Ill.**

**Hickson-Rogers Mfg. Co., Paragould, Ark.**

**Hinkel J. K. Mfg. Co. (Hickory), Mechanicsburg, Pa.**

**Holt Bros. Mfg. Co., Concord, N. H.**

**Hoopes Bro. & Darlington (Inc.), West Chester, Pa.**

**Hoyt John Co., Delaware, N. J.**

**Hub Mfg. Co., Jonesboro, Ark.**

**I. X. L. Handle Mfg. Co., Dexter, Mo.**

**Jonesboro Spoke Co., Jonesboro, Ark.**

**Keller & Tamm Mfg. Co., Victor & Levee, St. Louis, Mo.**

**Kelsey Horatio, Clinton, Conn.**

**Kerr L. S. D., Frenchtown, N. J.**

**Kingston Spoke Mfg. Co., Kingston, Ark.**

**Koller J. B. & Co., Mechanicsburg, Pa.**

**Lack Singletree Co. ("Noxall," "National"), Paducah, Ky.**



**Lamb-Fish Lumber Co., Charleston, Miss.**  
**Landis S. H. & Bro., Quakertown, Pa.**  
**Lebzelter Phillip & Son Co., Lancaster, Pa.**  
**Liles Bros., Forest, Miss.**  
**Lindsay D. M., Newport, Tenn.**  
**Little J. W., Paducah, Ky.**  
**Little Kos., Kennett, Mo.**  
**Longworth I. R. Co., Somerset, Ky.**  
**Look & Lincoln, Marlon, Va.**  
**McGlone Bros., Morehead, Ky.**  
**MacKinnon F. Mfg. Co. (Birch), Grand Rapids, Wis.**  
**Manchester Mfg. Co., Manchester, Tenn.**  
**Marianna Spoke Co., Marianna, Ark.**  
**Medina Bending Works, Medina, O.**  
**Minton T. W. & Son, Barbourville, Ky.**  
**Ness Bros. & Co., York, Pa.**  
**Ohio Spoke & Bending Co., Botkins, O.**  
**Ort & Lang (Hickory), Vanceburg, Ky.**  
**Owensboro Wagon Co., Owensboro, Ky.**  
**Paragould Handle Mfg. Co., Paragould, Ark.**  
**Pennock-Walter Mfg. Co., Algood, Tenn.**  
**Petersburg Rim & Veneer Co., Petersburg, Va.**  
**Peterson Samuel, Warren, Pa.**  
**Pinneo & Daniels Co., Dayton, O.**  
**Piper B. H. Co., Manchester, N. H.**  
**Red Star Spoke Co., Fayetteville, Ark.**  
**Rock City Spoke Co., Nashville, Tenn.**  
**Rueter Hub & Spoke Co., Dexter, Mo.**  
**Sanders Alva Spoke Factory, Ashland, Ky.**  
**Schmidt & Stork Wagon Co., West Bend, Wis.**  
**Selma Spoke Mfg. Co., Selma, Ala.**  
**Seymour Mfg. Co., Seymour, Ind.**  
**Shortsville Wheel Co., Shortsville, N. Y.**  
**Shupp Simon, Effort, Pa.**  
**Small W. E. Spoke Mfg. Co., Corinth, Miss.**  
**Southern Indiana Mfg. Co., Birdseye, Ind.**  
**Southern Spoke & Mfg. Co., Shelby, Miss.**  
**Southern Wheel Stock Co., Ironton, O.**  
**Spring Valley Spoke, Stave & Heading Co., Spring Valley, Wis.**  
**Standard Wheel Co., Terre Haute, Ind.**  
**Stevens A. E. & Co., Portland, Me.**  
**Stinson Edward Mfg. Co., 327 North, Baltimore, Md.**  
**Tell City Spoke Co., Tell City, Ind.**  
**Thomasville Spoke Works Co., Thomasville, N. C.**  
**Toledo Bending Co., Toledo, O.**  
**Toledo Carriage Woodwork Co., Toledo, O.**  
**Tubb J. R., Sparta, Tenn.**  
**Turnbull Wagon Co. (Wagon Wheel), Defiance, O.**  
**Tusclometa Spoke Co., Forest, Miss.**  
**Union Spoke & Bending Co., Union City, Ind.**  
**Virginia Spoke & Bending Co., Martinsville, Va.**  
**Von Behren Mfg. Co., Evansville, Ind.**  
**Wayne Spoke & Bending Co., Fort Wayne, Ind.**  
**Weis & Lesh Mfg. Co., Muncie, Ind.**  
**Wheel & Wood Bending Co., Bridgeport, Conn.**  
**Wheatley Spoke Co., Wheatley, Ark.**  
**Whitaker Bros. Co., Meridian, Miss.**  
**Wildermuth Bending Co., Columbus, O.**  
**Wilson W. J., Woodville, Tenn.**

### 13945— Sponge Rubber

**Empire Tire & Rubber Corp., East Trenton, N. J.** See adv index at end of book  
**Faultless Rubber Co. (For Stamp Makers), Ashland, O.**  
**Featheredge Rubber Co. ("Featheredge"), 408 W Grand av, Chicago, Ill.**  
**Goodrich B. F. Co. (For Rubber Stamps, etc), Akron, O.**  
**Mattson Rubber Co., Lodi, N. J.**

### 13946— Sponges

**Bartlum Geo. L. (Sponge Shipper), Key West, Fla.**  
**Block Joseph (Inc.) (Imp), 51 Cliff, New York**  
**Blum R., 108 Pearl, Boston, Mass.**  
**Burk Wm. B. & Co., (Importers), 6th & Arch, Philadelphia, Pa.**  
**Carbondale Sponge Co. (Imp), 220 B'way, New York**  
**Cates Samuel, Key West, Fla.**  
**Cheyney John K., Tarpon Springs, Fla.**  
**Ettman H. L. Sponge Co., 1112 Pine, St. Louis, Mo.**  
**Fossil John & Co., Tarpon Springs, Fla.**  
**Fuchs Max Co. (Imp), 244 Pearl, New York York**

**Greek-American Sponge Co., 300 W Randolph, Chicago, Ill.**  
**Isaacs A. & Co. (Imp), 58 Beekman, New York**  
**Lampel F. L., 315 Locust, St. Louis, Mo.**  
**Lasker & Bernstein (Imp), 161 William, New York**  
**Leousi, Clonney & Co., 39 Walker, New York**  
**Louden & Hill, 624 Arch, Philadelphia, Pa.**  
**Moses A. Sons & Co., 73 Wooster, New York**  
**National Sponge & Chamois Co., 158 William, New York**  
**Rhodes Jas. H. & Co. (Producers & Bleached), 157 W Austin av, Chicago, Ill.**

### 13947— Sponges (Rubber)

**Faultless Rubber Co., Ashland, O.**  
**Featheredge Rubber Co., 408 W Grand av, Chicago, Ill.**

### Spool Mfrs.

See Textile Machinery, Supplies, Etc

### 13948— Spools (Catenary)

**Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.**

### 13949—Spools (Cord, Electric Wire)

**McGill Mfg. Co. ("Universal"), 77 Oak, Valparaiso, Ind.**  
 See adv index at end of book

### 13950-1—Spools (Field Magnet)

**Hemming Mfg. Co., Garfield, N. J.**  
**Vulcanized Products Co. ("Gohmak" Wood Pulp), Muskegon, Mich.**

### 13952— Spools (Metal)

**American Pulley Co. (Pressed Steel), 4200 Wissahickon av, Phila., Pa.**  
**Mossberg Frank Co. (Stamped Steel for Annealing, Spooling-Wire, Cordage, Chain, etc), Attleboro, Mass.**

### 13953— Spools (Wooden)

Established 1847

## E. B. ESTES & SONS

Manufacturers **SPOOLS**  
 of

For Silk and Cotton Thread, Cordage, Wire, Etc.

358 5th AVENUE NEW YORK CITY

### 13954— Spoons (Aluminum)

**Aluminum Goods Mfg. Co., Manitowoc, Wis.**  
**Wagner Mfg. Co., Sidney, O.**

### 13955—Spoons (Basting & Mixing)

**Buckeye Aluminum Co. ("Real Solid" Aluminum), Wooster, O.**  
**Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.**  
**Hutchins-Kilbourne Co. (Rubberoid Handle), Buffalo, N. Y.**  
**Lalance & Grosjean Mfg. Co., 299 B'way, New York**  
**Peoria Can Co. (Mixing Only), Peoria, Ill.**  
**Potter Mfg. Co. ("Potter"), Geneva, O.**  
**Stuber & Kuck ("Perfection" Mixing), Peoria, Ill.**  
**White Ira F. & Son Co. (Perforated, Slotted, "Whirlpool"), Bloomfield, N. J.**

### 13956—Spoons (Chafing Dish)

**Rochester Stamping Co., Rochester, N. Y.**

### 13957— Spoons (Digging)

See also Shovel & Spade Manufacturers  
**Ames Shovel & Tool Co. (Telegraph, etc), Ames bldg, Boston, Mass.**  
**Beall Bros., Alton, Ill.**  
**Chisholm's Steel Shovel Wks., Cleveland, O.**  
**Columbus Handle & Tool Co., Columbus, Ind.**

**Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.**

**Hussey-Binns Shovel Co., 223 4th av, Pittsburgh, Pa.**

**Indiana Shovel Co., New Castle, Ind.**  
**Oshkosh Mfg. Co., 555 S Main, Oshkosh, Wis.**

**Pfeifer Jno. & Co. (Ltd.), 222 Race, Phila., Pa.**

**Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa. Works: Leechburg, Pa.**

**Russell John C. Chovel Co., 336 4th av, Pittsburgh, Pa.**

**Wyoming Shovel Works, Wyoming, Pa.**

### 13958— Spoons (Drossing)

**Wilfong Millard F. Iron Works Co., 5199 Gray's av, Phila., Pa.**

### 13959— Spoons (Ice Cream)

**Giles & Nielsen Nickel Works, Troy, N. Y.**  
**National Enameling & Stamping Co. (Forged, Re-Tinned Wooden Handle), 411 5th av, New York**

### 13960— Spoons (Ladle)

**Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.**

### 13961-2—Spoons (Miners')

**Hardsocg Mfg. Co., Ottumwa, Ia.**

### Spoons (Mustard)

See Spoons, Wooden

### 13963— Spoons (Paper)

**American Water Supply Co., 251 Causeway, Boston, Mass.**  
**Atlas Mfg. Co. (Ice Cream, etc), New Haven, Conn.**

### 13964— Spoons (Pitting)

**Emrich Phil., 324 Main, Cincinnati, O.**  
**Ontario Knife Co. ("California"), Franklinville, N. Y.**

### 13965— Spoons (Skimming)

**Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.**  
**Chapman Co. ("Superior"), Geneva, N. Y.**

### 13966-7—Spoons (Strainer)

**Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.**  
**Hutchins-Kilbourne Co. (Rubberoid Handle), Buffalo, N. Y.**  
**Lalance & Grosjean Mfg. Co., 299 B'way, New York**

### Spoons (Table, Silver & Silver Plated)

See Silverware, Table

### Spoons (Telegraph)

See Shovels, Spades & Scoops; also Spoons Digging

### 13968— Spoons (Tinned)

**Atlas Mfg. Co. (Ice Cream), New Haven, Conn.**  
**Benedict Mfg. Co., East Syracuse, N. Y.**  
**Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.**  
**Central Stamping Co., 174 Fulton, New York**  
**Dover Stamping & Mfg. Co., Cambridge, Mass.**  
**Grammes L. F. & Sons (Ice Cream), Allentown, Pa.**  
**Grasberger B. A. & Co., Richmond, Va.**  
**Lalance & Grosjean Mfg. Co., 299 B'way, New York**  
**Lisk Mfg. Co. (Anti-Rust), Canandaigua, N. Y.**  
**National Enameling & Stamping Co., 411 5th av, New York**  
**Parker Chas. Co., Meriden, Conn.**  
**Peoria Can Co., (Ice Cream), Peoria, Ill.**  
**Russell J. Cutlery Co., Turners Falls, Mass.**  
**Wallace R. & Sons Mfg. Co., Wallingford, Conn.**  
**Yale C. I. Mfg. Co. (Steel), Yalesville, Conn.**

### 13969—Spoons (Wood Handle)

**Potter Mfg. Co. ("Acme" Egg, Cake, etc, National & Slotted), Geneva, O.**



**13970— Spoons (Wooden)**

Bogert & Hopper (Mustard, etc), 67 Barclay, New York  
 Chapman-Sargent Co., Perrysburg, O.  
 Estes E. B. & Sons (Mustard, etc.), 358 5th av, New York  
*See adv index at end of book*  
 Peirce W. E. & Co., Milford, N. H.  
 Richardl & Bechtold, Bellaire, Mich.

**13970a—Sporting Goods (Wood)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**13971—Sporting & Athletic Goods Mfrs.**

See also the Specified Article Required  
 Ashland Mfg. Co. (Full Line), 43d & Hermitage av, Chicago, Ill.  
 Berger Carrie (Baseball Clothing), Covington, Ky.  
 Bird, Jones & Kenyon (Mackinaus & Sporting Garments), Utica, N. Y.  
 Brauer Bros. Mfg. Co. ("Moose" Brand of Leather Sporting Gun Goods), 204 N 14th, St. Louis, Mo.  
 Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.  
 Chicago Sporting Goods Mfg. Co. (Baseballs, Gloves, Mitts & Uniforms, etc), 123 S Jefferson, Chicago, Ill.  
 Daily Mfg. Co., 432 E 7th, St. Paul, Minn.  
 Draper Maynard Co., Plymouth, N. H.  
 Dudley Chas. H. (Complete Equipment for Base & Foot Balls, Tennis, Gymnasium, etc), Hanover, N. H.  
 Giant Mfg. Co. (Jobbers) Council Bluffs, Iowa  
 Goodrich B. F. Co. (Rubber Goods for Baseball, Golf, Tennis, etc), Akron, Ohio  
 Hellenberg J. B. Co. (Indian Clubs, Dumbbells, Horizontal Bars, Ten Pins & Indoor Sporting Goods), Coldwater, Mich.  
 Hill Richard F., 219 High, Newark, N. J.  
 Hillerich J. F. & Sons Co. ("Louisville Slugger" Bats), Louisville, Ky.  
 Hygienic Fleeced Underwear Co. (Suits, Sweaters, Coats, Stockings, etc), 2415 Howard, Philadelphia, Pa.  
 Jarvis W. B. Co. ("Ty Cobb" Baseball, Tennis & Athletic Goods), Grand Rapids, Mich.  
 Johnson's Iver Arms & Cycle Works, Fitchburg, Mass.  
 Leacock B. J. Sporting Goods Co. (Baseball, Golf & Tennis Goods), 810 Pine, St. Louis, Mo.  
 Lee Harry C. & Co. (Tennis & Golf Specialties), 97 Chambers, New York  
 New York Sporting Goods Co., 15 Warren, New York  
 Peach J. A., Gloversville, N. Y.  
 Peerless Athletic Supply Co. (Exercises), 383 Pearl, Brooklyn, N. Y.  
 Rawlings Mfg. Co. ("Reynolds" Catchers' Mitts), 23d & Lucas av, St. Louis, Mo.  
 Reach A. J. Co., Tulip & Palmer, Philadelphia, Pa.  
 Scientific Physical Culture Co. (Striking Bag Platforms), 564 Jackson blvd, Chicago, Ill.  
 Schovering, Daly & Gales (Dealer), 302 B'way, New York  
 Sharp & Smith (Jockey Straps), 155 N Michigan blvd, Chicago, Ill.  
 Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.  
 Spalding A. G. & Bros. (Full Line), 126 Nassau, New York  
 Sportman's Supply Co., Binghamton, N. Y.  
 Stall & Dean Mfg. Co. (Everything for Baseball, Football, etc), Brockton, Mass.  
 Treinis Bros. (Athletic Clothing), 126 13th, Brooklyn, N. Y.  
 Tryon Edw. K. Co. (Baseball Goods, etc), 611 Market, Phila., Pa.  
 Victor Sporting Goods Co., Springfield, Mass.  
 Ware Walter F. Co. (Jock Supporters), 1034 Spring, Phila., Pa.  
 Western Sporting Goods Mfg. Co., 126 N Union av, Chicago, Ill.  
 Wilson Thos. E. & Co., 43d & S Hermitage av, Chicago, Ill.  
 Wright & Ditson, 344 Washington, Boston, Mass.

**Spouting (Concrete)**

*See Chutes, Concrete*

**13972— Spouts (Bung)**

Kraft A. C. ("Wilson"), 323 W Lake, Chicago, Ill.

**13973— Spouts (Can)**

Marsh Mfg. Co. (Spouts & Faucets for Tin Cans) 56 Pine, New York  
 Sexton Can Co. ("Sextons" Swivel), 228 Franklin, Boston, Mass.

**13974—\*Spouts (Coaling Station)**

LINK-BELT CO. 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*

**13975— Spouts (Grain)**

Great Western Mfg. Co., Leavenworth, Kan.  
 Hart Grain Weigher Co. (For Use With Portable Elevators), Peoria, Ill.

**13976— Spouts (Sap)**

Breck James & Sons Corp., 55 Franklin, Boston, Mass.  
 Foster Harry H., Cabot, Vt.  
 Franklinville Canning Co. ("Anchor"), Franklinville, N. Y.  
 Grimm G. H., Rutland, Vt.  
 Hunting Co. ("Willis"), Watertown, N. Y.

**13976a— \*Spouts (Wood)**

ESTES E. B. & SONS, 358 5th av, New York.  
*See adv index at end of book*

**13976b— \*Spray Outfits**

MEYERS F. E. & BRO. (Pressure Controller, Senior, Special), 800 Orange, Ashland, O.  
*See adv index at end of book*

**13977—\*Sprayers (Blacking Swab)**

MAC LEOD CO., 2227 Bogen, Cincinnati, Ohio  
*See adv index at end of book*

**13978— Sprayers (Mine)**

American Moistening Co. (to Prevent Explosions in Coal Mines), 120 Franklin, Boston, Mass.  
 Stine S. B., Osceola Mills, Pa.

**13979-80—Sprayers (Potato, Etc.)**

Aspinwall Mfg. Co., Jackson, Mich.  
 Brandt Mfg. Co. ("Simplex," "Brandt," "Perfection"), 310 3rd av N, Minneapolis, Minn.  
 Champion Potato Machine Co. ("O. K. Champion" Four Row), Hammond, Ind.  
 Crown Mfg. Co., Phelps, N. Y.  
 Dust Sprayer Mfg. Co., 415 St. Louis av, Kansas City, Mo.  
 Field Force Pump Co., Elmira, N. Y.  
 Harry Bros. Mfg. Co. (Hand "Atomist"), 282 Woodridge E., Detroit, Mich.  
 Lauson-Lawton Co. De Pere, Wis.  
 Lawrence-Bostwick Mfg. Co. (Ltd.) ("Star" Hand), Phelps, N. Y.  
 Leggett & Bro. ("Champion," "Brownie," "Little Giant," "Jumbo"), 301 Pearl, New York  
 Lisk Mfg. Co. (Ltd.) ("Lisk" Hand), Canadaigua, N. Y.  
 McKenzie Bros. Mfg. Co. ("Egan," "La Crosse," "McKenzie"), La Crosse, Wis.  
 MYERS F. E. & BRO. ("Myers," Myers Wheelbarrow) 800 Orange, Ashland, O.  
*See adv index at end of book*  
 Pugh Mfg. Co., Topeka, Kan.  
 Stevens Mfg. & Foundry Co. ("Steitz"), Decatur, Ill.

**Spraying Apparatus**

*See Pumps, Spraying; also Spraying Machines*

**13981—Sprays (Rubber Bath)**

Tyer Rubber Co. ("Tyrian," Single & Double Faucet Connection), Andover, Mass.  
 Vant, Woud Rubber Co., 168 39th, Brooklyn, N. Y.

**13982— Sprays (Urinal)**

Acheson Mfg. Co., Rankin, Pa.  
 I. X. L. Pump & Mfg. Co., 957 N 9th, Phila., Pa.  
 Perkes Chas., 627 Arch, Phila., Pa.  
 Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.

**13983— Sprays (Water, for Acid Chambers)**

Pratt Engineering & Machine Co., Atlanta, Ga.  
 Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

**13984— Sprays (Water, for Rock Drills)**

INGERSOLL-RAND CO., 11 B'way, New York  
*See adv index at end of book*

**13985— Spreaders (Automobile Spring)**

Cincinnati Tool Co., Norwood, Cincinnati, Ohio  
*See adv index at end of book*

**13986— Spreaders (Concrete)**

Acme Equipment & Engineering Co. ("Acme," Controllable), Garfield bldg, Cleveland, O.

**13987—Spreaders (Earth, Ballast & Snow Plow Combined)**

Jordan O. F. Co. (Pneumatic), 333 S Michigan av, Chicago, Ill.

**Spreaders (Glue)**

*See Glue Spreading Machinery*

**13988— Spreaders (Lime)**

Hench & Dromgold Co., ("Economic") York, Pa.  
 Johnston Harvester Co., Batavia, N. Y.  
 Keystone Farm Machine Co., York, Pa.  
 Ontario Drill Co., East Rochester, N. Y.

**13989— Spreaders (Manure)**

Appleton Mfg. Co. ("Appleton"), Batavia, Ill.  
 Bloom Mfg. Co., Nashua, Ia.  
 Dakota Plow & Wagon Co., Sioux Falls, S. D.  
 Emerson-Brantingham Co. ("Emerson" Low Down), Rockford, Ill.  
 Ertel Geo. Co., Quincy, Ill.  
 Galloway Wm. Co., Waterloo, Ia.  
 Glen Wagon & Car Corp. ("Star"), Cortland, N. Y.  
 Harder Mfg. Co. ("Fearless"), Cobleskill, N. Y.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, (Low Corn King—Low Clover Leaf—Low 20th Century) 702 Harvester bldg., Chicago, Ill.  
*See adv index at end of book*

Johnston Harvester Co., Batavia, N. Y.  
 Litchfield Mfg. Co. ("Litchfield"), Waterloo, Ia.  
 Mandt Wagon Co., Stoughton, Wis.  
 Marseilles Works ("Success," "John Deere," also Straw), East Moline, Ill.  
 Moline Plow Co. ("Flying Dutchman," "Moline" & Wagon Box), Moline, Ill.  
 New Idea Spreader Co. ("New Idea," "Lowest Low-Down," "Coldwater"), Coldwater, O.  
 Oliver Chilled Plow Works ("Black Hawk"), South Bend, Ind.  
 One Minute Mfg. Co., Newton, Ia.  
 Richardson Mfg. Co., Worcester, Mass.  
 Robinson Spreader Co., Vinton, Ia.  
 Rock Island Plow Co. ("Great Western"), Rock Island, Ill.  
 Ross E. W. Co., Springfield, O.  
 Rude Mfg. Co., Liberty, Ind.  
 Sechler D. M. Implement & Carriage Co. ("Black Hawk"), Moline, Ill.  
 Superior Mfg. & Mill Co., Springfield, O.  
 Waterloo Gasoline Engine Co. ("Waterloo Boy"), 625 Miles, Waterloo, Ia.  
 Wood Walter A., Mowing & Reaping Machine Co. ("Fearless"), Hoosick Falls, N. Y.



**13990-1—Spreaders (Rubber Mill)**

American Tool & Machine Co. (For Coating Textile Fabrics), 10 High, Boston, Mass.  
 Birmingham Iron Foundry ("Birmingham"), Derby, Conn.  
 New England Butt Co., 304 Pearl, Providence, R. I.

**13992— Spreaders (Wire)**

Line Material Co. (Arms & Wire Spreaders), So. Milwaukee, Wis.

**13993— Spring Dampener**

McCord & Co. ("McCord"), 122 S Michigan av, Chicago, Ill.

**13993a—\*Spring Oilers (Leaf)**

**BROWN SPRING OILER CO.** ("Relic" & "Brown"), 6911 Carnegie av, S E. Cleveland, O.

**13994—Springs (Agricultural Implement)**

See also Springs, Machinery

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Babcock Mfg. Co., Leonardsville, N. Y.  
 Bridgeport Chain Co. (Miller Wire Spring Dept.), Bridgeport, Conn.  
 Cambria Steel Co., Widener bldg, Philadelphia, Pa.  
 Cleveland Wire Spring Co. (Wire), Cleveland, O.  
 Cook Spring Co., 420 E 106th, New York  
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.  
 Fischer Chas. Spring Co., 473 Kent av, Brooklyn, New York

Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
 General Spring & Wire Co., 26 Morrow, Detroit, Mich.  
 Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.  
 Harrow Spring Co. (Cultivator Sectional, etc.), Milwaukee, Wis.  
 Hubbard M. D. Spring Co., Pontiac, Mich.  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 New York Wire & Spring Co., Washington & Leroy, New York  
**Pittsburgh Spring & Steel Co.**, Farmer's Bank bldg, Pittsburgh, Pa.  
 Railway Steel Spring Co., 30 Church, New York  
 Sabin Machine Co., Montpelier, Vt.  
 Springfield Spring Co., Springfield, O.  
 Union Spring & Mfg. Co., New Kensington, Pa.  
 Wilson Robt. P., 320 Market, Newark, N. J.

**Springs (Air Brake)**

See Springs, Coil or Spiral

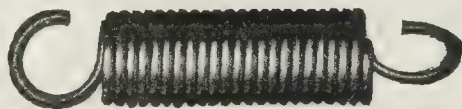
**13995— Springs (Automobile)**

See also Springs, Various Kinds; also Shock Absorbers

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.  
 Amsted Spring & Axle Co., Connersville, Ind.  
 Armstrong J. B. Mfg. Co., Flint, Mich.  
 Auto Parts Mfg. Co., Detroit, Mich.  
**BARNES THE WALLACE CO.** ("Barnes Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
 Betts Spring Co., 888 Folsom, San Francisco, Cal.  
 Boyd F. Shirley, 903 Boylston, Boston, Mass.  
 Cambria Spring Co., Los Angeles, Cal.  
 Cary Spring Works (Small), 240 W 29th, New York  
 Champ Spring Co., 2115 Chouteau av, St. Louis, Mo.

**Christie Alex, Seattle, Wash.**

Cincinnati & Hammond Spring Co., 909 Summer, Cincinnati, O.  
 Cleveland-Canton Spring Co. ("C-C Special Analysis" & "C-C Chrome Vanadium"), Canton, O.  
 Cleveland Wire Spring Co. (Wire), Cleveland, O.  
 Cook Chas. A. & Co., 3911 2d, B'klyn, N. Y.  
 Cook Spring Co., 420 E 106th, New York  
 Cooper Spring Co., Cleveland, O.  
**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.  
 Delany Daniel & Son, Hamilton, Newark, N. J.  
 Detroit Steel Products Co., Detroit, Mich.  
 Detroit Wire Spring Co. (Wire), Detroit, Mich.  
**Dunbar Bros Co.** ("Dunbar" Springs), Bristol, Conn.  
 Earl Automobile Works, Los Angeles, Cal.  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
**FRASSE PETER A. CO. (INC.)**, 417 Canal, New York *See adv index at end of book*  
 Garden City Spring Works, 2300 Archer, Chicago, Ill.  
 Harvey Spring & Forging Co., Racine, Wis.  
 Hess Pontiac Spring & Axle Co., Pontiac, Mich.  
 Hess Spring & Axle Co., 124 W 66th, Carthage, Cincinnati, O.  
 Higgins Spring & Axle Co., Racine, Wis.  
 Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.  
 Hoover Spring Co. ("Hoover Perfect"), 617 Turk, San Francisco, Cal.  
 Hudson Export & Import Co. ("Lemoine" Imported), 1737 Broadway, New York  
 Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.  
 Jackson Cushion Spring Co. ("Rough Rider," "Advance"), Jackson, Mich.  
 Kalamazoo Spring & Axle Co., Kalamazoo, Mich.



# SMALL SPRINGS

## SCREW MACHINE PRODUCTS

### QUALITY GUARANTEED

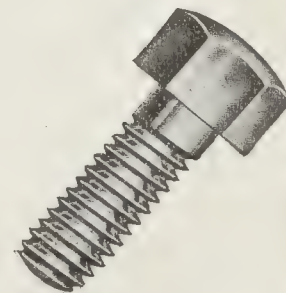
**W**E invite inquiries for Small Springs of every description made from flat steel, brass, phosphor bronze or wire; Spring Washers; Stampings, Special Screw Machine Products; Wire and Steel. All goods of this nature are made to order by us, and guaranteed to be satisfactory.

For over fifty-six years our aim has been to maintain a quality of high standing. Modern machinery and extensive facilities enable us to keep this standard and give our customers the advantages of low prices and prompt service.

Prices will be quoted upon receipt of samples of specifications. Booklet No. 5-M sent upon request.

Established 1857  
**THE WALLACE BARNES CO.**  
 18 Wallace Street BRISTOL, CONN.

*Mfrs of Small Springs of every description, Screw Machine Products, Spring Washers, Stampings, etc. Dealers in Spring Steel and Wire.*





**Keystone Spring Works ("Keystone"),** 13th & Buttonwood, Philadelphia, Pa.  
**Liggett Spring & Axle Co.,** Monongahela, Pa.  
**Marburg Bros. ("Marburg-Hagen" Imported),** 90 West, New York  
**Mather Spring Co. ("Mather Vanadium" & "Mather Crescent"),** Toledo, O.  
**Merrill E. R. Spring Co.,** 530 W 28th, New York  
**Miller & Van Winkle ("Eagle," Springs of Every Description),** 18 Bridge, Brooklyn, N. Y.  
**Morgan Spring Co. ("Eclipse"),** Worcester, Mass.  
**Motor Car Spring Co. (All Tempered, Flat & Spiral),** 243 W 17th, New York  
**National Spring Co.,** New Castle, Ind.  
**New York Wire & Spring Co. (All Kinds, Including Vanadium),** Washington & Leroy, New York  
**Palmer Jos.,** 333 Rutherford av, Boston, Mass.  
**Penn Spring Works,** Baldwinsville, N. Y.  
**Perfection Spring Co.,** Cleveland, O.  
**Pittsburgh Spring & Steel Co.,** Farmer's Bank bldg, Pittsburgh, Pa.  
**Pneumatic Cushion Co.,** 179 Grove, San Francisco, Cal.  
**Pullau Steel Spring Co.,** Mt. Clemens, Mich.  
**Richards Albert J.,** 632 W Jefferson, Louisville, Ky.  
**Rowland Wm. & Harvey ("W. & H. Rowland"),** Tacony & Lewis, Philadelphia, Pa.  
**Sheldon Axle & Spring Co. ("Sheldon," "Anchor" & "Dragon"),** Wilkes Barre, Pa.  
**Springfield Spring Co.,** Springfield, O.  
**Spring Perch Co. (Pleasure & Truck),** Bridgeport, Conn.  
**Sterling Spring Co. ("Sterling"),** 2148 Scranton rd, Cleveland, O.  
**Tuthill Spring Co. ("Titanic"),** 760 Polk, Chicago, Ill.  
**Union Spring & Mfg. Co. (Coil & Elliptic),** New Kensington, Pa.  
**Waterbury Welding Co.,** Waterbury, Conn.  
**Watertown Automobile & Supply Co.,** Watertown, N. Y.

### 13996— Springs (Bed)

**American Spiral Spring & Mfg. Co.,** 56th & Butler, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.,** 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Barber Mfg. Co.,** Anderson, Ind.  
**Bonnell E. M.,** Corry, Pa.  
**Bridgeport Chain Co. (Miller Wire Spring Dept.),** Bridgeport, Conn.  
**Cleveland Wire Spring Co. (Wire Fabrics),** Cleveland, O.  
**Cuyahoga Spring Co.,** 16609 Waterloo rd, Cleveland, O.  
**Englander Spring Bed Co.,** 88 35th, Brooklyn, N. Y.  
**Enterprise Bed Co.,** Hammond, Ind.  
**Hartford Wire Works,** Hartford, Conn.  
**Hasselbarth Whiton Co.,** Utica, N. Y.  
**Jackson Cushion Spring Co. ("Rough Rider"),** Jackson, Mich.  
**Kauffman Mfg. Co.,** Ashland, O.  
**Lewis-Weller Mfg. Co. ("E-Z"),** Utica, N. Y.  
**Miller & Van Winkle,** 18 Bridge, Brooklyn, N. Y.  
**Milwaukee Woven Wire Works,** 3014 Clarke, Milwaukee, Wis.  
**Morgan Spring Co. ("Helical"),** Worcester, Mass.  
**New York Wire & Spring Co. (Helical),** Washington & Leroy, New York  
**Norfolk Mattress Co.,** Norfolk, Va.  
**Ohio Spring Bed Co.,** Cleveland, O.  
**Renn-Davis & Co. (Steel Frame, Steel Lock),** Portsmouth, Va.  
**Simmons Co.,** Kenosha, Wis.  
**Southern-Rome Co. ("Romelink"),** 623 W Pratt, Baltimore, Md.  
**Staples & Hanford Co.,** Newburgh, N. Y.  
**Union Spring & Mfg. Co.,** New Kensington, Pa.  
**Vincent-Alward Co. (Spiral),** Kenosha, Wis.

### 13997—\*Springs (Bee Hive)

**BARNES, THE WALLACE CO. ("Barnes-Made"),** 18 Wallace, Bristol, Conn.  
*See adv index at end of book*

### Springs (Bicycle)

See Springs, Coil or Spiral

### 13998— Springs (Bird Cage)

**Gibson Wm. D. Co.,** 500 W Huron, Chicago, Ill.  
**Hendryx Andrew B. Co.,** New Haven, Conn.  
**Hirsch & Spitz Mfg. Co.,** Atlanta, Ga.  
**Lindemann O. & Co.,** 35 Wooster, New York  
**Meyers Fred J. Mfg. Co.,** Hamilton, O.  
*See adv index at end of book*  
**Morgan Spring Co. ("Eclipse"),** Worcester, Mass.  
**New York Wire & Spring Co.,** Washington & Leroy, New York  
**Parker Wire Goods Co.,** Worcester, Mass.  
**Turner & Seymour Mfg. Co.,** Torrington, Conn.  
**Wire Goods Co.,** Worcester, Mass.

### Springs (Bolster)

See Springs, Car; also Springs, Carriage & Wagon

### 13999—Springs (Brush Holder)

**BARNES, THE WALLACE CO. ("Barnes-Made"),** 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
**Cleveland Wire Spring Co.,** Cleveland, O.  
**Cook Chas. A. & Co.,** 3911 2d, Brooklyn, N. Y.  
**Cuyahoga Spring Co.,** 16609 Waterloo rd, Cleveland, O.  
**Dunbar Bros. Co. ("Dunbar Springs"),** Bristol, Conn.  
**Eureka Co.,** North East, Pa.  
**Morgan Spring Co. ("Eclipse"),** Worcester, Mass.  
**Railway Steel Spring Co.,** 30 Church, New York  
**Union Spring & Mfg. Co.,** New Kensington, Pa.  
**Vose Spring Co.,** 150 Bleecker, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa.  
*See adv index at end of book*

### 14000— Springs (Car)

**American Spiral Spring & Mfg. Co. (P. R. R. Spec),** 56th & Butler, Pittsburgh, Pa.  
**American Steel Foundries,** McCormick bldg, Chicago, Ill.  
**AMERICAN STEEL & WIRE CO.,** 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Betts Spring Co.,** 88 Folsom, San Francisco, Cal.  
**Brill J. G. Co. (Car & Locomotive),** 62d & Woodland av, Phila., Pa.  
**Cook Spring Co.,** 420 E 106th, New York  
**Crucible Steel Co. of America,** Oliver bldg, Pittsburgh, Pa.  
**Detroit Steel Products Co.,** Detroit, Mich.  
**Farist Steel Co.,** Bridgeport, Conn.  
**Fort Pitt Spring & Mfg. Co.,** Pittsburgh, Pa.  
**Gibson Wm. D. Co.,** 500 W Huron, Chicago, Ill.  
**Long E. G. Co.,** 50 Church, New York  
**McGuire-Cummings Mfg. Co.,** Harris Trust & Savings bldg, Chicago, Ill.  
**Morgan Spring Co. ("Eclipse"),** Worcester, Mass.  
**Motor Car Spring Co. (Oil Tempered, Flat & Spiral),** 243 W 17th, New York  
**New Jersey Car Spring & Rubber Co.,** 911 Brunswick, Jersey City, N. J.  
**New York Wire & Spring Co. (Light & Heavy),** Washington & Leroy, New York  
**Pittsburgh Crucible Steel Co.,** Midland, Pa.  
**Pittsburgh Spring & Steel Co.,** Farmers' Bank bldg, Pittsburgh, Pa.  
**Pressed Steel Car Co. (Bolster, Coach & Engine),** 307 5th, Pittsburgh, Pa.  
**Railway Steel Spring Co. (Heavy, Elliptic & Coil),** 30 Church, New York  
**Rowland Wm. & Harvey, Tacony & Lewis,** Phila., Pa.  
**St. Louis Car Co.,** 8000 N B'way, St. Louis, Mo.  
**Standard Steel Works Co.,** Morris bldg., Phila., Pa.  
**Taylor Electric Truck Co. (Coil & Elliptic),** Troy, N. Y.

**Union Spring & Mfg. Co. (Coach & Locomotive, Coil & Elliptic),** New Kensington, Pa.

**Vose Spring Co.,** 150 Bleecker, New York  
**Western Steel Car & Foundry Co. (Bolster, Couch & Engine),** 37 N Van Buren, Chicago, Ill.

### Springs (Car Fender)

See Springs, Coil or Spiral

### 14001— Springs (Car Sash)

**Wallace Supplies Mfg. Co.,** 412 Orlean, Chicago, Ill.

### Springs (Car Seat)

See Springs, Furniture & Upholstering

### 14002—Springs (Carriage & Wagon)

**Adams E. B. & Son ("Spalding" Bolster),** Racine, Wis.  
**American Spiral Spring & Mfg. Co.,** 56th & Butler, Pittsburgh, Pa.  
**Ansted Spring & Axle Co.,** Commersville, Ind.  
**Betts Spring Co.,** 888 Folsom, San Francisco, Cal.  
**Cincinnati & Hammond Spring Co.,** 909 Louis, Mo.  
**Cincinnati & Hammond Spring Co.,** 909 Summer, Cincinnati, O.  
**Cleveland-Canton Spring Co.,** Canton, O.  
**Cleveland Wire Spring Co. (Bolster),** Cleveland, O.  
**Concord Axle Co. ("Palmer's" Concord),** Penaeook, N. H.  
**Cooper Spring Co.,** Cleveland, O.  
**Delany D. & Son,** Hamilton, Newark, N. J.  
**Detroit Wire Spring Co.,** Detroit, Mich.  
**Ernsdorff John Iron Co. (Bolster Only),** Dubuque, Ia.  
**Fernald Mfg. Co. ("Keystone," Attached Between Trace & Whiffletree),** North East, Pa.  
**FRASSE PETER A. & CO. (INC.),** 417 Canal, New York  
*See adv index at end of book*  
**Garden City Spring Works,** 2300 Archer, Chicago, Ill.  
**Harvey Spring & Forging Co. (Bolster & Seat),** Racine, Wis.  
**Hess Spring & Axle Co.,** 124 W 66th, Carthage, Cincinnati, O.  
**Higgins Spring & Axle Co. (Bolster, etc),** Racine, Wis.  
**Hirsch Bros. (Bolster),** 267 Reed, Milwaukee, Wis.  
**Indianapolis Bolster Spring Co.,** Indianapolis, Ind.  
**Iron City Spring Co. (Oil Tempered),** 2920 Smallman, Pittsburgh, Pa.  
**Jackson Cushion Spring Co. ("Rough Rider," Carriage Seat, etc),** Jackson, Mich.  
**Kalamazoo Spring & Axle Co. (Seat, Bolster Body, etc),** Kalamazoo, Mich.  
**Liggett Spring & Axle Co.,** Monongahela, Pa.  
**Merrill E. R. Spring Co.,** 530 W 28th, New York  
**Meyer & Co. ("Cliffs" Bolster Seat & Pole),** Throopsville, N. Y.  
**Mulholland Co. (Ball Bearing),** Dunkirk, N. Y.  
**New Haven Spring Bed Co.,** New Haven, Conn.  
**Noll Bros. (Bolster),** 849 Allis, Milwaukee, Wis.  
**Palmer Jos.,** 333 Rutherford av, Boston, Mass.  
**Penn Spring Works,** Baldwinsville, N. Y.  
**Racine General Mfg. Co. ("General" Bolster, Wagon Only)** Racine, Wis.  
**Rowland Wm. & Harvey, Tacony & Lewis,** Phila., Pa.  
**Sheldon Axle & Spring Co.,** Wilkesbarre, Pa.  
**Spring Perch Co. (Carriage Only),** Bridgeport, Conn.  
**Sterling Spring Co.,** 2148 Scranton rd, Cleveland, O.  
**Stoughton Wagon Co. (Bolster),** Stoughton, Wis.  
**Studebaker Corp. (Wagon & Bolster),** South Bend, Ind.  
**Tanner D. F. (Wagon Bolster),** Holland, N. Y.  
**Troy Spring Works,** Troy, N. Y.  
**Tuthill Spring Co.,** 760 Polk, Chicago, Ill.  
**Union Spring & Mfg. Co. (Coil & Elliptic),** New Kensington, Pa.



Wilson Robert P. ("Wilson's Hold-up" Shaft Springs), 320 Market, Newark, N. J.  
 Wurster Fred. W. & Co., 375 Kent av, Brooklyn, N. Y.

### 14003—Springs (Ceiling, for Swing Harness)

Berry Chas. E. ("Berry"), Somerville, Mass.

### 14004—Springs (Children's Carriage, Etc.)

**BARNES, THE WALLACE CO.**, ("Barnes Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
 Cary Spring Works, 240 W 29th, New York  
 Cleveland Wire Spring Co., Cleveland, O.  
 Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.  
 New York Wire & Spring Co., Washington & Leroy, New York  
 Wagner E. R. Mfg. Co., North Milwaukee, Wis.

### 14005—Springs (Clock, Music Box, Etc.)

**AMERICAN STEEL & WIRE CO.**, 203 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
 Cook Spring Co., 420 E 106th, New York  
 Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
 Manross F. N. & Sons, Forestville, Conn.  
 Spencer Wire Co. (Clock, Watch, Typewriter, etc), Worcester, Mass.  
 Waterbury Clock Co., Waterbury, Conn.

### 14006—Springs (Coil or Spiral)

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.** (Light & Heavy), 203 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**BARNES, THE WALLACE CO.** ("Barnes-Made," All Kinds), 18 Wallace, Bristol, Conn. *See adv index at end of book*  
 Cary Spring Works, 240 W 29th, New York  
 Chatillon Jno. & Sons (Cast Steel), 85 Cliff, New York  
 Cleveland Wire Spring Co. (Wire), Cleveland, O.  
 Cook Spring Co., 420 E 106th, New York  
 Crucible Steel Co. of America (All Kinds of Coil), Oliver bldg, Pittsburgh, Pa.  
**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.  
 Dellenbarger C. E. Co., Joliet, Ill.  
 Detroit Steel Products Co. ("Harvey" Friction Draft), Detroit, Mich.  
 Dunbar Bros. Co., ("Dunbar Springs," Small Sheet Steel & Brass Wire), Bristol, Conn.  
 Eastern Parts Mfg. Co., 27 Thames, New York  
 Eureka Spring Co., 150 Bleecker, New York  
 Farist Steel Co. (Car, etc), Bridgeport, Conn.  
 Fischer Chas. Spring Co., 473 Kent av, Brooklyn, New York  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
 Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.  
 Hebb Geo. A. (Coil), 70 Williams, Newark, N. J.  
 Hubbard M. D. Spring Co., Pontiac, Mich.  
 Illinois Spring & Stamping Co. (Wire, etc), 2341 N Keystone av, Chicago, Ill.  
 Insull Thos., 1439 Hutchinson, Phila., Pa.  
 Jackson Cushion Spring Co. (Wire Coil), Jackson, Mich.  
 Lewis-Weller Mfg. Co., Utica, N. Y.  
 Long E. G. Co., 50 Church, New York  
 Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.  
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.  
 Mattatuck Mfg. Co. (Small), Waterbury, Conn.  
 Meyer & Co., Throopsville, N. Y.  
 Miller & Van Winkle, 1<sup>st</sup> Bridge, Brooklyn, N. Y.

**Morgan Spring Co.** ("Eclipse"), 320 Spring urzow, Mass.  
 New York Wire & Spring Co., Washington & Leroy, New York  
 Peck & Young Mfg. Co. (Small Spiral), Forestville, Conn.  
 Pittsburgh Spring & Steel Co. (Car, etc), Farmers' Bank bldg, Pittsburgh, Pa.  
 Railway Steel Spring Co. (Light & Heavy), 30 Church, New York  
 Raymond Mfg. Co. (Ltd.) ("Keystone," Steel & Wire), Corry, Pa.  
 Sabin Machine Co. (Organ, etc), Montpelier, Vt.  
 Shuler W. S. Spring Co., Amsterdam, N. Y.  
 Springfield Spring Co., Springfield, Ohio  
 Taylor Electric Truck Co. (Coil Only), Troy, N. Y.  
 Union Spring & Mfg. Co. (Car & Machinery), New Kensington, Pa.  
 Vose Spring Co., 150 Bleecker, New York  
 Washburn Wire Co., Phillipsdale, R. I.  
 Wilson Robt. P., 320 Market, Newark, N. J.

### Springs (Compression)

See Springs, Extension & Compression

### 14007—Springs (Contact)

More-Jones Brass & Metal Co. (For Trolley Roads), B'way & Dock, St. Louis, Mo.

### Springs (Cultivator)

See Springs, Agricultural Implement

### 14008—Springs (Curtain)

Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 Union Spring & Mfg. Co., New Kensington, Pa.

### 14009—Springs (Cushion)

Barber Mfg. Co. ("Cardinal"), Anderson, Ind.  
 Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.  
 D'Arcy Spring Co. ("Century"), Kalamazoo, Mich.  
 Detroit Wire Spring Co. ("SOS"), Detroit, Mich.  
 Foster Bros. Mfg. Co. ("Ideal"), Utica, N. Y.  
 Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.  
 Jackson Cushion Spring Co. ("Rough Rider," "Advance"), Jackson, Mich.  
 Lounsbury G. H. & Sons, 8 W 3rd, Cincinnati, O.  
 Miller Wire Spring Dept., Bridgeport Chain Co., Bridgeport, Conn.  
 Miller & Van Winkle ("Eagle"), 18 Bridge, Brooklyn, N. Y.  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 National Spring & Wire Co. ("Black Velvet," Spiral Wire for Autos, Carriages, etc), Albion, Mich.  
 New York Wire & Spring Co. (Automobile, etc), Washington & Leroy, New York  
 Staples & Hanford Co., Newburgh, N. Y.  
 Trenton Spring Mattress Co. ("Excelsior," "Lace Web," "T. I. C." Sectional Auto & Carriage), Trenton, N. J.  
 Union Spring & Mfg. Co., New Kensington, Pa.

### 14010—Springs (Door, Coil, Etc.)

See also Checks, Screen Door; also Door Checks & Springs

**AMERICAN STEEL & WIRE CO.**, 203 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Arcade Mfg. Co. ("Warner"), Freeport, Ill.  
 Bommer Bros. (Spiral), 270 Willoughby av, Brooklyn, N. Y.  
 Cassidy, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Chicago Spring Butt Co. ("Chicago," "Reliance"), 334 Union Park ct, Chicago, Ill.  
 Cleveland Wire Spring Co. (Wire), Cleveland, O.  
 Columbian Hardware Co. ("Gem" & "Star" Spiral, "Torrey" Rod), Cleveland, O.  
 Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.  
 Frantz Mfg. Co., Sterling, Ill.  
 Hayward S. F. & Co. (Engine House), 250 W 54th, New York

Hutchins-Kilbourne Co. (Coiled Wire, etc), Buffalo, N. Y.  
 Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.  
 Morgan Spring Co. ("Perfection" & "Morgan"), Worcester, Mass.  
 Parker Wire Goods Co. ("Eureka"), Worcester, Mass.  
 Reading Hardware Co. (Coiled Wire, etc), Reading, Pa.  
 Reading Saddle & Mfg. Co. (Coiled Wire), Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sabin Machine Co., Montpelier, Vt.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co. ("Perfect"), Sharon, Pa.  
 Union Spring & Mfg. Co., New Kensington, Pa.  
 Wagner Mfg. Co. ("Wagner" Coil), Cedar Falls, Ia.  
 Wire Goods Co. ("Perfection"), Worcester, Mass.

### 14011—Springs (Draft)

Beecher Draught Spring Co. (Beecher," Safety), New Haven, Conn.  
 Cleveland Wire Spring Co., Cleveland, O.  
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
 Detroit Steel Products Co. ("Harvey" Friction Draft), Detroit, Mich.  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
 Hayward S. F. & Co., 250 W 54th, New York  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 New York Wire & Spring Co., Washington & Leroy, New York  
 Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 Railway Steel Spring Co., 30 Church, New York  
 Tanner D. F. ("Holland," Trace or Draft Springs), Holland, N. Y.  
 Union Spring & Mfg. Co. (Friction, etc), New Kensington, Pa.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.  
 Wilson Robert P. ("Mogul"), 320 Market, Newark, N. J.

### 14012—Springs (Elliptic)

Cary Spring Works, 240 W 29th, New York  
 Cleveland-Canton Spring Co., Canton, O.  
 Cooper Spring Co., Cleveland, O.  
 Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
 Delany Daniel & Son, Hamilton, Newark, N. J.  
 Farist Steel Co. (For Railroad Cars), Bridgeport, Conn.  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York  
*See adv index at end of book*  
 Hess Spring & Axle Co. (Platform & Concord), 124 W 66th, Carthage, Cincinnati, O.  
 Insull Thomas, 1439 Hutchinson, Philadelphia, Pa.  
 Kalamazoo Spring & Axle Co. (For Farm Wagon Seats), Kalamazoo, Mich.  
 Keystone Spring Works, 13th & Buttonwood, Phila., Pa.  
 Long E. G. Co., 50 Church, New York  
 Merrill E. R. Spring Co., 530 W 28th, New York  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 Pittsburgh Spring & Steel Co. (Car, Locomotive & Traction Car), Farmers' Bank bldg, Pittsburgh, Pa.  
 Railway Steel Spring Co. (Car & Locomotive), 30 Church, New York  
 Rowland Wm. & Harvey (Inc.), Tacony & Lewis, Philadelphia, Pa.  
 Sheldon Axle & Spring Co., Wilkes-Barre, Pa.  
 Shuler W. S. Spring Co., Amsterdam, N. Y.  
 Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.  
 Taylor Electric Truck Co., Troy, N. Y.  
 Tuthill Spring Co., 760 Polk, Chicago, Ill.  
 Union Spring & Mfg. Co. (Locomotive & Railway Equipment, etc.), New Kensington, Pa.  
 Vose Spring Co., 150 Bleecker, New York



**14013—Springs (End Gate)**

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
**Gogel Mfg. Co.** (For Wagon Builders), Toledo, O.

**14014—Springs (Engine House Door)**

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**14015—Springs (Extension & Compression)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*

**Bridgeport Chain Co.** (Miller Wire Spring Dept.), Bridgeport, Conn.

**Cary Spring Works**, 240 W 29th, New York

**Cleveland Wire Spring Co.**, Cleveland, O.

**Cook Chas. A. & Co.**, 3911 2d, Brooklyn, N. Y.

**Cook Spring Co.**, 420 E 106th, New York

**Crucible Steel Co. of America**, Oliver bldg, Pittsburgh, Pa.

**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.

**Dunbar Bros. Co.** ("Dunbar Springs"), Bristol, Conn.

**Fischer Chas. Spring Co.** (Small Flat), 473 Kent av, Brooklyn, N. Y.

**Fort Pitt Spring & Mfg. Co.**, Pittsburgh, Pa.

**Hubbard M. D. Spring Co.**, Pontiac, Mich.

**Long E. G. Co.**, 50 Church, New York

**Miller & Van Winkle** ("Eagle"), 18 Bridge, Brooklyn, N. Y.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**New York Wire & Spring Co.**, Washington & Leroy, New York

**Pittsburgh Spring & Steel Co.**, Farmers' Bank bldg, Pittsburgh, Pa.

**Railway Steel Spring Co.**, 30 Church, New York

**Springfield Spring Co.**, Springfield, O.

**Union Spring & Mfg. Co.**, New Kensington, Pa.

**Springs (Fish Plate)**

*See Lock Nuts & Washers*

**14016—Springs (Flat)**

**Cary Spring Works**, 240 W 29th, New York

**Cook Chas. A. & Co.**, 3911 2d, Brooklyn, N. Y.

**Dunbar Bros. Co.** ("Dunbar Springs," Small for All Purposes), Bristol, Conn.

**Hubbard M. D. Spring Co.**, Pontiac, Mich.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**14017—Springs (Friction Draft)**

*See also Springs, Draft*

**Crucible Steel Co. of America**, Oliver bldg, Pittsburgh, Pa.

**Fort Pitt Spring & Mfg. Co.**, Pittsburgh, Pa.

**Frost Railway Supply Co.** ("Harvey"), Penobscot bldg Detroit, Mich.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**Union Spring & Mfg. Co.**, New Kensington, Pa.

**14018—Springs (Furniture & Upholstering)**

**American Spiral Spring & Mfg. Co.**, 56th & Butler, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

**Bridgeport Chain Co.** (Miller Wire Spring Dept.), Bridgeport, Conn.

**Cleveland Wire Spring Co.**, Cleveland, O.

**Cuyahoga Spring Co.**, 16609 Waterloo rd, Cleveland, O.

**Foster Bros. Mfg. Co.**, Utica, N. Y.

**Jackson Cushion Spring Co.**, Jackson, Mich.

**Lewis-Weller Mfg. Co.**, Utica, N. Y.

**Miller & Van Winkle**, 18 Bridge, Brooklyn, N. Y.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**New York Wire & Spring Co.**, Washington & Leroy, New York

**Staples & Hanford Co.**, Newburgh, N. Y.

**Union Spring & Mfg. Co.**, New Kensington, Pa.

**Vincent-Alward Co.**, Kenosha, Wis.

**Springs (Gate)**

*See Springs, Door; also Spring, Coil or Spiral*

**14019—Springs (Governor)**

**American Spiral Spring & Mfg. Co.**, 56th & Butler, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

**Cleveland Wire Spring Co.**, Cleveland, O.

**Cook Chas. A. & Co.**, 3911 2d, Brooklyn, N. Y.

**Cuyahoga Spring Co.**, 16609 Waterloo rd, Cleveland, O.

**Dunbar Bros. Co.** ("Dunbar Springs"), Bristol, Conn.

**Fort Pitt Spring & Mfg. Co.**, Pittsburgh, Pa.

**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York

*See adv index at end of book*

**Miller & Van Winkle**, 18 Bridge, Brooklyn, N. Y.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**New York Wire & Spring Co.**, Washington & Leroy, New York

**Pittsburgh Spring & Steel Co.**, Farmers' Bank bldg, Pittsburgh, Pa.

**Railway Steel Spring Co.**, 30 Church, New York

**Springfield Spring Co.**, Springfield, O.

**Union Spring & Mfg. Co.**, New Kensington, Pa.

**Springs (Grain Drill)**

*See Springs, Agricultural Implement*

**14020—Springs (Hair)**

**Manross F. N. & Sons** ("Manross" Non-Magnetic for Marine Clocks, Steam Gauges, Electrical Instruments, etc), Forestville, Conn.

**Waterbury Hair Spring Co.**, Waterbury, Conn.

**14021—Springs (Helical)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

**Bridgeport Chain Co.** (Miller Wire Spring Dept.), Bridgeport, Conn.

**Cary Spring Works**, 240 W 29th, New York

**Cleveland Wire Spring Co.**, Cleveland, O.

**Cook Spring Co.**, 420 E 106th, New York

**Crucible Steel Company of America**, Oliver bldg, Pittsburgh, Pa.

**Dunbar Bros. Co.** ("Dunbar Springs"), Bristol, Conn.

**Fort Pitt Spring & Mfg. Co.**, Pittsburgh, Pa.

**Mattatuck Mfg. Co.** (Small), Waterbury, Conn.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**New York Wire & Spring Co.**, Washington & Leroy, New York

**Pittsburgh Spring & Steel Co.**, Farmers' Bank bldg, Pittsburgh, Pa.

**Railway Steel Spring Co.** (For Locomotive Trucks, etc), 30 Church, New York

**Union Spring & Mfg. Co.**, New Kensington, Pa.

**14022—\*Springs (Hinge)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.

**14022a—Springs (Legging)**

**Reisner W. H. Mfg. Co.**, Hagerstown, Md.

**Springs (Locomotive)**

*See Springs, Car*

**14023—Springs (Loom)**

**Disston Hy. & Sons**, Tacony, Phila., Pa.

**14024—Springs (Machinery)**

*See also Springs, Agricultural Implement*

**American Spiral Spring & Mfg. Co.**, 56th & Butler, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

**Cary Spring Works**, 240 W 29th, New York

**Cleveland Wire Spring Co.** (Wire), Cleveland, O.

**Cook Chas. A. & Co.**, 3911 2d, Brooklyn, N. Y.

**Cook Spring Co.**, 420 E 106th, New York

**Crucible Steel Company of America**, Oliver bldg, Pittsburgh, Pa.

**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.

**Dunbar Bros. Co.** ("Dunbar Springs"), Bristol, Conn.

**Eureka Spring Co.**, 150 Bleecker, New York

**Fort Pitt Spring & Mfg. Co.**, Pittsburgh, Pa.

**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York

*See adv index at end of book*

**Gibson Wm. D. Co.**, 500 W Huron, Chicago, Ill.

**Harrow Spring Co.**, Milwaukee, Wis.

**Hebb Geo. A.**, 70 William, Newark, N. J.

**Mattatuck Mfg. Co.** (Small), Waterbury, Conn.

**Miller & Van Winkle**, 18 Bridge, Brooklyn, N. Y.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**Motor Car Spring Co.** (Flat & Spiral), 243 W 17th, New York

**New York Wire & Spring Co.**, Washington & Leroy, New York

**Pittsburgh Spring & Steel Co.**, Farmers' Bank bldg, Pittsburgh, Pa.

**Railway Steel Spring Co.**, 30 Church, New York

**Sabin Machine Co.**, Montpelier, Vt.

**Springfield Spring Co.**, Springfield, O.

**Union Spring & Mfg. Co.** (Coil), New Kensington, Pa.

**Vose Spring Co.**, 150 Bleecker, New York

**14025—Springs (Oil Tempered)**

**American Spiral Spring & Mfg. Co.**, 56th & Butler, Pittsburgh, Pa.

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

**Cary Spring Works**, 240 W 29th, New York

**Chatillon Jno. & Sons**, 85 Cliff, New York

**Cleveland Wire Spring Co.** (Wire), Cleveland, O.

**Cook Chas. A. & Co.**, 2d, 3911 Brooklyn, N. Y.

**Cook Spring Co.**, 420 E 106th, New York

**Crucible Steel Company of America**, Oliver bldg, Pittsburgh, Pa.

**Cuyahoga Spring Co.**, 16609 Waterloo rd, Cleveland, O.

**Detroit Steel Products Co.**, Detroit, Mich.

**Dunbar Bros. Co.** ("Dunbar Springs"), Clock, etc, Bristol, Conn.

**Fort Pitt Spring & Mfg. Co.**, Pittsburgh, Pa.

**Gibson Wm. D. Co.**, 500 W Huron, Chicago, Ill.

**Iron City Spring Co.**, 2920 Smallman, Pittsburgh, Pa.

**Miller & Van Winkle**, 18 Bridge, Brooklyn, N. Y.

**Morgan Spring Co.** ("Eclipse"), Worcester, Mass.

**Motor Car Spring Co.** (Flat & Spiral), 243 W 17th, New York

**New York Wire & Spring Co.**, Washington & Leroy, New York

**Pittsburgh Spring & Steel Co.**, Farmers' Bank bldg, Pittsburgh, Pa.

**Railway Steel Spring Co.**, 30 Church, New York

**Sabin Machine Co.**, Montpelier, Vt.

**Union Spring & Mfg. Co.**, New Kensington, Pa.



**14026— Springs (Organ)**

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.

**BARNES, THE WALLACE CO.** ("Barnes-Made"), Bristol, Conn.

*See adv index at end of book*

Cary Spring Works, 240 W 29th, New York  
Cleveland Wire Spring Co., Cleveland, O.  
Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.

New York Wire & Spring Co., Washington & Leroy, New York

Raymond Mfg. Co. (Ltd.), Corry, Pa.

Sabin Machine Co., Montpelier, Vt.

Union Spring & Mfg. Co., New Kensington, Pa.

Waterbury Hair Spring Co., Waterbury, Conn.

**14026a— Springs (Phonograph)**

**BARNES, THE WALLACE CO.** ("Barnes-Made"), Bristol, Conn.

*See adv index at end of book*

**14027—Springs (Phosphor Bronze)**

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.

**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.

Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.

Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.

Springfield Spring Co., Springfield, Ohio

**14028—Springs (Pipe Bending)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Cary Spring Works, 240 W 29th, New York  
Cleveland Wire Spring Co. ("Perfect"), Cleveland, O.

Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.

Morgan Spring Co. ("Eclipse"), Worcester, Mass.

New York Wire & Spring Co., Washington & Leroy, New York

Raymond Mfg. Co. (Ltd.), (Plumbers'), Corry, Pa.

Springfield Spring Co., Springfield, Ohio

Starbuck R. M. & Sons ("Starbuck"), Hartford, Conn.

Union Spring & Mfg. Co., New Kensington, Pa.

Vose Spring Co., 150 Bleecker, New York

**14029—Springs (Pop Valve)**

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Cleveland Wire Spring Co., Cleveland, O.

New York Wire & Spring Co., Washington & Leroy, New York

**14030—Springs (Refrigerator Door)**

Cary Spring Works, 240 W 29th, New York  
New York Wire & Spring Co., Washington & Leroy, New York

**14031— Springs (Rubber)**

Boston Belting Co., 84 Linden Park, Boston, Mass.

Canfield H. O. Co., Bridgeport, Conn.

Combination Rubber Mfg. Co. (Wagon, Car, etc), Bloomfield, N. J.

Continental Rubber Works, Erie, Pa.

Elkhart Rubber Works, Elkhart, Ind.

**EMPIRE TIRE & RUBBER CORP.**, East Trenton, N. J.

*See adv index at end of book*

Essex Rubber Co., Trenton, N. J.

Federal Rubber Co., The, Cudahy, Wis.

Goodrich B. F. Co., Akron, O.

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hamilton Rubber Mfg. Co., Trenton, N. J.

Home Rubber Co., Trenton, N. J.

Manhattan Rubber Mfg. Co., Passaic, N. J.

Matteson Rubber Co., Lodi, N. J.

Mechanical Rubber Co. (Car, Wagon, etc), Cleveland, O.

Mercer Rubber Co. (Car Cylinder, Wagon, etc.), Hamilton Sq, N. J.

National India Rubber Co., Bristol, R. I.  
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

New York Belting & Packing Co., 91 Chambers, New York

New York Rubber Co., Reade & Church, New York

Peerless Rubber Mfg. Co., 31 Warren, New York

Pennsylvania Rubber Co., Jeannette, Pa.

Plymouth Rubber Co., Canton, Mass.

Quaker City Rubber Co. (Car, etc), 629 Market, Phila., Pa.

Republic Rubber Co., Youngstown, O.

Revere Rubber Co., 60 High, Boston, Mass.

Schacht Rubber Mfg. Co., Huntington, Ind.

Standard Woven Fabric Co., Walpole, Mass.

Thernold Rubber Co., Trenton, N. J.

United & Globe Rubber Mfg. Co., Trenton, N. J.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co., Trenton, N. J.

Woven Steel Hose & Rubber Co., Trenton, N. J.

**14032—\*Springs (Rubber Channeler)**

Boston Belting Co., 84 Linden Park st, Boston, Mass.

**14033—Springs (Screen Door)**

Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.

Lawrence Bros., Sterling, Ill.

Morgan Spring Co. ("Eclipse"), Worcester, Mass.

National Mfg. Co., Sterling, Ill.

New York Wire & Spring Co., Washington & Leroy, New York

Union Spring & Mfg. Co., New Kensington, Pa.

**14034— Springs (Small)**

**AMERICAN STEEL & WIRE CO.**, Commercial Nat'l Bank bldg, Chicago, Ill.

*See adv index at end of book*

**BARNES THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*

Cary Spring Works, 240 W 29th, New York

Cleveland Wire Spring Co., Cleveland, O.

Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.

**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.

D'Arcy Spring Co. (Cushion), Kalamazoo, Mich.

Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.

Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.

Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.

Hubbard M. D. Spring Co., Pontiac, Mich.

Jackson Cushion Spring Co. (Seat & Back Springs), Jackson, Mich.

Long E. G. Co., 50 Church, New York

Morgan Spring Co. ("Eclipse"), Worcester, Mass.

National Spring & Wire Co., Albion, Mich.

New York Wire & Spring Co., Washington & Leroy, New York

Peck & Young Mfg. Co., Forestville, Conn.

Railway Steel Spring Co., 30 Church, New York

Springfield Spring Co., Springfield, Ohio

Trenton Spring Mattress Co., Trenton, N. J.

Union Spring & Mfg. Co., New Kensington, Pa.

Washburn Wire Co., Phillipsdale, R. I.

Wing Chas. Co. (Cushion), Amesbury, Mass.

**Springs (Spiral)**

*See Springs, Coil or Spiral*

**14035—Springs (Steam Gauge)**

Wells A. H. & Co. ("Bourdon"), Waterbury, Conn.

**14036—Springs (Switch & Signal)**

Cary Spring Works, 240 W 29th, New York

Cleveland Wire Spring Co., Cleveland, O.

Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.

New York Wire & Spring Co., Washington & Leroy, New York

Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.

Railway Steel Spring Co., 30 Church, New York

Union Spring & Mfg. Co., New Kensington, Pa.

**14037— Springs (Torsion)**

**AMERICAN STEEL & WIRE CO.** (Round Wire, Square Steel, etc), 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Cary Spring Works, 240 W 29th, New York

Cleveland Wire Spring Co., Cleveland, O.

Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.

**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.

New York Wire & Spring Co., Washington & Leroy, New York

Springfield Spring Co., Springfield, O.

Union Spring & Mfg. Co., New Kensington, Pa.

**14038—Springs (Track Scraper)**

Harrow Spring Co., Milwaukee, Wis.

**14039— Springs (Trolley)**

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Cary Spring Works, 240 W 29th, New York

Cleveland Wire Spring Co. (Wire), Cleveland, O.

Cook Spring Co., 420 E 106th, New York

Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.

Eureka Spring Co., 150 Bleecker, New York

Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.

Gibson Wm. D. Co., 500 W Huron, Chicago, Ill.

Long E. G. Co., 50 Church, New York

Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.

Morgan Spring Co. ("Eclipse"), Worcester, Mass.

New York Wire & Spring Co., Washington & Leroy, New York

Nuttall R. G. Co., McCandless & Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.

Railway Steel Spring Co., 30 Church, New York

Union Spring & Mfg. Co., New Kensington, Pa.

Vose Spring Co., 150 Bleecker, New York

**Springs (Valve)**

*See Springs, Coil or Spiral*

**14040—Springs (Vanadium Steel)**

Cary Spring Works, 240 W 29th, New York

Cleveland-Canton Spring Co. (Automobile Carriage, Wagon & Truck), Canton, O.

Cleveland Wire Spring Co., Cleveland, O.

Crucible Steel Co. of America (Agricultural Car, Coil, Draft, Elliptic, Helical, Oil Tempered, etc.), Oliver bldg, Pittsburgh, Pa.

Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.

Detroit Steel Products Co. (Automobile, etc.), Detroit, Mich.

Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.

Gibson Wm. D. Co. (Small Spiral & Special), 500 W Huron, Chicago, Ill.

Hess Pontiac Spring & Axle Co. (Automobile), Pontiac, Mich.

Iron City Spring Co., 2920 Smallman, Pittsburgh, Pa.

Miller & Van Winkle (Small Spiral & Special), 18 Bridge, Brooklyn, N. Y.

New York Wire & Spring Co., Washington & Leroy, New York

Falmer Jos. (Automobile, Carriage, Wagon & Railroad), 333 Rutherford av, Boston, Mass.

Penn Spring Works (Automobile & Carriage), Baldwinsville, N. Y.

Perfection Spring Co. (Automobile), Cleveland, O.



Pittsburgh Spring & Steel Co. (Coil, Leaf, Locomotive, Car & Special), Farmers' Bank bldg, Pittsburgh, Pa.  
 Railway Steel Spring Co. (Coil, Leaf, Locomotive, Car & Special), 30 Church New York  
 Raymond Mfg. Co. (Ltd.) (Small Coil & Special), Corry, Pa.  
 Rowland Wm. & Harvey (Inc.) (Automobile, etc.), Tacony & Lewis, Phila., Pa.  
 Springfield Spring Co., Springfield, O.  
 Union Spring & Mfg. Co. (Car & Locomotive), New Kensington, Pa.

#### 14041-2—Springs (Window)

**BARNES THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
 Cuyahoga Spring Co., 16609 Waterloo rd, Cleveland, O.  
 Dunbar Bros. Co. ("Dunbar Springs"), Bristol, Conn.  
 Eagan Thos. F. Hardware Co., Worcester, Mass.  
 Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.  
 Morgan Spring Co. ("Eclipse"), Worcester, Mass.  
 New York Wire & Spring Co., Washington & Leroy, New York  
**STANLEY WORKS** ("Sweet's" & "Jenk's"), New Britain, Conn.  
*See adv index at end of book*  
 Union Spring & Mfg. Co., New Kensington, Pa.

#### 14043—Springs (Wire)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**BARNES, THE WALLACE CO.** ("Barnes-Made"), 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
 Bridgeport Chain Co. (Miller Wire Spring Dept.), (Brass, Bronze, Steel & Piano Wire), Bridgeport, Conn.  
 Cary Spring Works, 240 W 29th, New York  
 Chatillon Jno. & Sons (Cast Steel), 85 Cliff, New York  
 Cleveland Wire Spring Co. (Oil Tempered, etc), Cleveland, O.  
 Cook Chas. A. & Co., 3911 2d, Brooklyn, N. Y.  
 Cook Spring Co., 420 E 106th, New York  
 Crucible Steel Company of America, Oliver bldg, Pittsburgh, Pa.  
**CUYAHOGA SPRING CO.**, 16609 Waterloo rd, Cleveland, O.  
 Dellenbarger, C. E. Co., Joliet, Ill.  
 Dunbar Bros. Co. ("Dunbar Springs," Clock, etc.), Bristol, Conn.  
**FISCHER CHAS. SPRING CO.**, 473 Kent av, Brooklyn, N. Y.  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
 Gaynor Mfg. Co. (Spiral), Bridgeport, Conn.  
 Goetz Chas. & Co., 2548 S Kedzie av, Chicago, Ill.  
 Grammes L. F. & Sons (Small), Allentown, Pa.  
 Illinois Spring & Stamping Co. (Spiral, etc), 2341 N Keystone av, Chicago, Ill.  
 Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.  
 Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.  
**MORGAN SPRING CO.** ("Eclipse"), Worcester, Mass.  
 National Spring & Wire Co. ("Black Velvet" Cushion & Black Auto & Carriage, etc), Albion, Mich.  
 New York Wire & Spring Co., Washington & Leroy, New York  
 Pittsburgh Spring & Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.  
 Railway Steel Spring Co., 30 Church, New York  
 Raymond Mfg. Co. (Ltd.), Corry, Pa.  
 Sabin Machine Co., Montpelier Vt.  
 Springfield Spring Co., Springfield, O.  
 Tucke Mfg. Co., Brockton, Mass.  
 Union Spring & Mfg. Co., New Kensington, Pa.  
 Washburn Wire Co. (Clock, etc), Phillipsdale, R. I.  
 Wire Goods Co., Worcester, Mass.

#### 14044—Sprinklers (Automatic Fire)

Associated Automatic Sprinkler Co. ("Associated"), 2216 Vine, Philadelphia, Pa.

Automatic Sprinkler Co. of America ("Manufacturers," "Niagara"), 123 William, New York  
 Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
 Caldwell W. E. Co. (Complete Plants Erected), 2270 Brook, Louisville, Ky.  
*See adv index at end of book*  
 Chicago Bridge & Iron Wks., 2015 Old Colony bldg, Chicago, Ill.  
*See adv index at end of book*  
 Conran Standpipe Co., 305 Pearl, New York  
 Crowder Bros., 2018 Locust, St. Louis, Mo.  
 Esty Sprinkler Co., Laconia, N. H.  
 Fire Protection & Equipment Co., Merchants' Exchange bldg, San Francisco, Cal.  
 General Fire Extinguisher Co. ("Grinnell"), Providence, R. I.  
 Globe Automatic Sprinkler Co. ("Evans," 2035 Washington av, Philadelphia, Pa.  
 International Sprinkler Co., 123 William, New York  
 Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco, Cal.  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
**ROCKWOOD SPRINKLER CO.** ("Rockwood"), Worcester, Mass.  
 Simmons John Co., 110 Centre, New York  
 U. S. Automatic Sprinkler Co. ("Crowder"), 1392 Lexington av, New York  
 Vogel H. G. Co. ("Esty"), 12 Walker, New York

#### 14045—Sprinklers (Clothes)

Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

#### 14046—Sprinklers (Coal)

Nathan Mfg. Co., 416 E 106th, New York

#### 14047—Sprinklers (Hose, Etc.)

Boekel Wm. & Co., 518 Vine, Phila., Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Buffum Tool Co. ("Swastika" Rose Head, for Hose), South Side, Louisiana, Mo.  
 Central Brass Stamping Co. ("Handy," Square Fountain Sprinkler), Peoria, Ill.  
 Electric Hose & Rubber Co. ("Electric," "Improved Electric," "Mist," "Onoko," "Tamaqua," "Tarrapin"), 12th & Dune, Wilmington, Del.  
*See adv index at end of book*  
 Elkhart Brass Mfg. Co. ("Hoosier" & "Acme" & "Elk"), Elkhart, Ind.  
 Thompson Mfg. Co., Los Angeles, Cal.

#### 14048—Sprinklers (Irrigation)

Campbell J. P. (Automatic), Jacksonville, Fla.

#### 14049—Sprinklers (Keg)

Danner Adam Co., Yonkers, N. Y.  
 Kaestner & Hecht Co., 500 Throop, Chicago, Ill.

#### 14050—Sprinklers (Park)

Clow Jas. B. & Sons ("Ryan" Arm Revolving Spray, etc), Franklin & Harrison, Chicago, Ill.  
 Spray Engr. Co. ("Boston Giant"), 93 Federal, Boston, Mass.

#### 14051—Sprinklers (Plant, Rubber)

Davol Rubber Co., 69 Point, Providence, R. I.  
 Scoiley John A., 74 Myrtle av, Brooklyn, N. Y.

#### 14052—Sprinklers (Potato)

Aspinwall Mfg. Co., Jackson, Mich.  
 Deming Co., Salem, O.  
*See adv index at end of book*  
 Hurst H. L. Mfg. Co., Canton, O.  
 Pepler Thomas Son & Co., (Two Row), Hightstown, N. J.  
 Potato Implement Co. (Compressed Air, Knapsack Powder Guns, etc), Traverse City, Mich.

#### 14053—Sprinklers (Sand)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.  
 American Seeding Machine Co., Springfield, O.  
 Haass Chas. & Co., 509 E 18th, New York

### Sprinkling Cars (Street Railway)

See Cars, Sprinkling, Street Railway

#### 14054—Sprockets (High Speed Chain)

American High Speed Chain Co., 401 S Illinois, Indianapolis, Ind.  
 Boston Gear Works, Norfolk Downs, Mass.  
 Grant Gear Works, 151 Pearl, Boston, Mass.  
*See adv index at end of book*  
**LINK-BELT CO.** ("Link-Belt"), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Morse Chain Co. ("Morse"), Ithaca, N. Y.  
 Whitney Metal Co. ("Whitney"), Hartford, Conn.

#### 14054a—\*Sprockets (Manganese Steel)

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

#### 14055—Sprockets (Motor Cycle & Bicycle)

Grant Gear Works, 151 Pearl, Boston, Mass.  
*See adv index at end of book*  
 Great Western Mfg. Co., La Porte, Ind.  
 Hydraulic Pressed Steel Co., Cleveland, O.  
 Parish & Bingham Co., Cleveland, O.

#### 14056—Sprockets (Roller & Block Chain)

Brown-Lipe-Chapin Co., Syracuse, N. Y.  
 Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.  
 Grant Gear Works, 151 Pearl, Boston, Mass.  
*See adv index at end of book*  
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

#### 14057—Spuds (Bark)

American Axe & Tool Co., Glassport, Pa.  
 American Logging Tool Co., Evart, Mich.  
 Oshkosh Mfg. Co., 555 S Main, Oshkosh, Wis.  
 Romer Axe Co., Dunkirk, N. Y.  
 Warren Axe & Tool Co., Warren, Pa.  
 White G. Axe Co., Honesdale, Pa.

#### 14058—Spuds (Closet)

Trenton Brass & Machine Co. ("Sanitas," "Eureka," "Maddock"), Trenton, N. J.

#### 14059—Spuds (Electric)

Buckeye Mfg. Co., Canton, O.

#### 14060—Spuds (Lawn)

Union Fork & Hoe Co. (Steel Blade Dandelion), Columbus, O.  
 Wagner Mfg. Co. ("Wagner" Lawn Spud & Transplanter), Cedar Falls, Ia.

#### 14061—Spurs (Horse)

Buermann August Mfg. Co., 220 Jelliff av, Newark, N. J.  
 Eberhard Mfg. Co., Cleveland, O.  
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

#### 14062—Spurs & Points (Ladder)

Auer John Jr. (Wrought Steel), 197 Middletown, Brooklyn, N. Y.  
 Safety First Supply Co., Hartje bldg, Pittsburgh, Pa.

#### 14063—Squares (Bevel)

Disston Henry & Sons, Tacony, Phila., Pa.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

#### 14064—Squares (Caliper)

Brown & Sharpe Mfg. Co., Providence, R. I.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

#### 14065—Squares (Center)

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Goodell-Pratt Co., Greenfield, Mass.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*



**14066—Squares (Combination)**

Athol Machine Co., Athol, Mass.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.  
 Crookston Tool Co. ("A. B. C." Protector Square), Crookston, Minn.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co. (Carpenters, etc.) Greenfield, Mass.  
 Robinson M. W. Co. ("Rollis"), 203 37th, Brooklyn, N. Y.  
 Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
 Union Tool Co., Orange, Mass.

**14067—Squares (Iron & Steel)**

Breul Fred G. ("Fox's" All Steel Carpenters'), Bridgeport, Conn.  
 Brown & Sharpe Mfg. Co. (Steel), Providence, R. I.  
 Cassady, Fairbank Mfg. Co. (Steel Only), 6126 S La Salle, Chicago, Ill.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Eagle Square Mfg Co. (Carpenters), S. Shaftsbury, Vt.  
 Forsyth Metal Goods Co. (Metal), E. Aurora, N. Y.  
 Jennings C. E. & Co., 71 Murray, New York  
 Knickerbocker Mfg. Co. (Steel), Belleville, N. J.  
 Nicholls Mfg. Co. ("Eureka" Framing Take-Down, Ottumwa, Ia.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Sargent & Co., New Haven, Conn.  
 Sawyer Tool Mfg. Co., Ashburnham, Mass.  
 Simplex Tool Mfg. Co., Woonsocket, R. I.  
 Southington Hardware Co. (Carpenters), Southington, Conn.  
 Stanley Rule & Level Co., New Britain, Conn.

**14068—Squares (Machinists')**

Brown & Sharpe Mfg. Co., Providence, R. I.  
 Disston Hy. & Sons (Inc.), Tacony, Phila., Pa.  
 Goodell-Pratt Co. Greenfield, Mass.  
 Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**14069—Squares (Protractor)**

Crookston Tool Co. ("A-B-C"), Crookston, Minn.

**14070—Squares (Rafter & Framing)**

Sargent & Co., New Haven, Conn.

**14071—Squares (Set)**

Trimount Mfg. Co. ("Simplex"), Armory av, Roxbury, Boston, Mass.

**14072—Squares (Sliding Blade)**

Goodell-Pratt Co., Greenfield, Mass.

**14073—Squares ("T")**

American Drafting Furniture Co. (Parallel or Automatic), 199 Railroad, Rochester, N. Y. *See adv index at end of book*  
 Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.  
 Deane E. L. Machine Co. ("Deane's"), Holyoke, Mass.  
 Defiance Mfg. Co., 22 E 41st, New York  
 Dietzgen Eugene Co., 166 W Monroe, Chicago, Ill.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.  
 Emmert Mfg. Co. ("Emmert" Vertical), Waynesboro, Pa.  
 Keuffel & Esser, Hoboken, N. J.  
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
 Welch T. F. Co. (Steel Blade), 55 Sudbury, Boston, Mass.

**14074—Squares (Tailors')**

Kerby & Bro., 51 Fulton, New York  
 Lufkin Rule Co., Saginaw, Mich.  
 Magee & Richards, 223 Grand, New York

**14075—Squares (Take-Down)**

Nicholls Mfg. Co. ("Nicholls"), Ottumwa, Ia.  
 Peck, Stow & Wilcox Co. ("P. S. & W. Samson"), Southington, Conn.  
 Southington Hardware Co. ("Standard"), Southington, Conn.

**14076—Squares (Try & Mitre)**

Atkins E. C. & Co., Indianapolis, Ind.  
 Brown & Sharpe Mfg. Co., Providence, R. I.  
 Challenge Cutlery Corporation ("Fox's"), Bridgeport, Conn.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co. (All Steel), Greenfield, Mass.  
 Nicholls Mfg. Co. (Bevel-Try), Ottumwa, Ia.  
 Sawyer Tool Mfg. Co., Ashburnham, Mass.  
 Southington Hardware Co., Southington, Conn.  
 Stanley Rule & Level Co., New Britain, Conn.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
 S. & I. Co., Springfield, Mass.

**14077—Squeezers (Germ)**

Love Brothers, Aurora, Ill.

**14078—Squeezers (Lemon)**

Arcade Mfg. Co. ("Arcade" Stationary, "Champion" Stationary, "Perfect" "Union," "Drum Pattern" & "X-Ray"), Freeport, Ill.  
 Bogert & Hopper (Wood), 67 Barclay, New York  
 Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Erie Specialty Co. ("Quick & Easy," "Walker's," also Lime), 520 W 12th, Erie, Pa.  
 Estes E. B. & Sons (Wood), 358 5th av, New York *See adv index at end of book*  
 Fanning J. P. ("Fanning"), 678 Jefferson av, Brooklyn, N. Y.  
 Gilchrist Co. ("Linden," Aluminum, Porcelain & Wood), 236 Bank, Newark, N. J.  
 Giles & Nielsen Nickel Works ("Clipper"), Troy, N. Y.  
 Hart H. C. Mfg. Co. ("Easy"), Unionville, Conn.  
 Hills Edwin, Plainville, Conn.  
 Landers, Frary & Clark ("Little Giant," "Crown" & "L. F. C."), New Britain, Conn.  
 Nicol & Co. ("World's Fair"), 218 N Jefferson, Chicago, Ill.  
 Parker Chas. Co., Meriden, Conn.  
 Redlich Mfg. Co., (Aluminum Wooden Bowl, etc), 637 W Oak, Chicago, Ill.  
 Richard & Bechtold (Wood), Bellaire, Mich.  
 Rocky Hill Hardware Co. ("Leader"), Rocky Hill, Conn.  
 Silver & Co. (Aluminum & Glass, etc), 308 Hewes, Brooklyn, N. Y.  
 Sommer John Faucet Co. (Wooden, etc), 30 Morris av, Newark, N. J.  
 Stover Mfg. Co., Freeport, Ill.  
 Taplin Mfg. Co. ("Victor"), New Britain, Conn.  
 Tucker & Dorsey Mfg. Co. (Wooden), Indianapolis, Ind.  
 Union Porcelain Works (Iron Frame, Porcelain Ball & Bowl), 300 Eckford, Brooklyn, N. Y.  
 Williams A. C. Co. ("Pearl," "Boss," "Buckeye," "Wallace"), Ravenna, O.  
 Wrightsville Hardware Co. ("L. & S. I. Co.," "Brighton"), Wrightsville, Pa.

**14078a—\*Squeezers (Puddle Ball)**

Philadelphia Roll & Machine Co., 23d & Washington, Phila., Pa.

**14079—Squeezers (Rotary)**

Danville Foundry & Machine Co., Danville, Pa.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 National Roll & Foundry Co., Avonmore, Pa.  
 United Eng'g & Fdry. Co., 307 5th av, Pittsburgh, Pa.

**14080—Squibs (Electric)**

*See also Blasting Supplies*  
**HERCULES POWDER CO.** (Powell's" & "D. & B."), Wilmington, Del.  
*See adv index at end of book*

**14081—\*Squibs (Gas, Sulphur, Electric, Miners' & Photographic)**

**du PONT E. I. de NEMOURS & CO.**, Wilmington, Del.  
*For branch offices see adv index at end of book*

**14082—Squibs (Miners')**

*See also Blasting Supplies*  
 Blue Label Safety Squib Co., Plymouth, Pa.  
**HERCULES POWDER CO.** ("D. & B."), Wilmington, Del.  
*See adv index at end of book*  
 Howells Mining Drill Co., Plymouth, Pa.  
 Jones T. R. Co. ("Sire-Shot"), Wilkes-Barre, Pa.  
 Miners' Supply Co. ("Daddow & Beadles"), St. Clair, Schuylkill Co., Pa.  
 Powell Jno. R. ("Powell"), Plymouth, Pa.  
 Star Electric Fuse Works ("Star" Electric), Wilkes-Barre, Pa.

**14083—Stabilizer (Ship & Airplane)**

Green Aeronautical Co., Elyria, O.  
 Sperry Gyroscope Co., 40 Flatbush av extension, Brooklyn, N. Y.

**14084—Stable Fixtures**

Those who Manufacture a Full Line, such as Stalls, etc, are indicated by a §  
 Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.  
 Barber Mfg. Co. (Cast Iron Feed Boxes, Cesspools, Hay Racks, etc), Ash-ta-bula, O.  
 Barnum E. T. Wire & Iron Works 364 Woodward, Detroit, Mich.  
 Broad Gauge Iron Works, 77 Port, Boston, Mass.  
 §Buch's A. Sons Co. (Make Full Line), Elizabethtown, Pa.  
 Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*  
 Casey-Hedges Co. (Cast Iron), Chattanooga, Tenn.  
 Central Foundry Co. (Cast Iron Feed Boxes, Hay Racks, Drains, etc), 90 West, New York  
 Chapman Wm. O. Co., 30 Church, New York  
 §Cheney S. & Son (Hay Racks, Mangera, etc.), Manlius, N. Y.  
 Chesapeake Iron Works, Westport, Baltimore, Md.  
 Columbia Iron & Wire Works Co., Canton, Ohio  
 Creswell S. J. Iron Works, 23d & Cherry, Phila., Pa.  
 §Fiske J. W. Iron Works, 80 Park pl, New York  
 Ginther's J. Sons Co., Buffalo, N. Y.  
 Glor Bros. & Willis Mfg. Co., Attica, N. Y.  
 Glenn Fred E. (Cesspools, Gutters, etc), St. Charles, Ill.  
 Harriman Mfg. Co. (Full Line), Harriman, Tenn.  
 Hickey M. H., 36 W Randolph, Chicago, Ill.  
 Hitzeroth Edward, 3124 Market, Phila., Pa.  
 James Mfg. Co. ("James" Steel), Fort Atkinson, Wis.  
 §Jones Willis H., Utica, N. Y.  
 Landon E. R., 166 N May, Chicago, Ill.  
 Libby C. A. Co., (Horse Stalls), Oshkosh, Wis.  
 Loewer John E., Structural Steel, Wire & Iron Works, Kansas City, Mo.  
 McLaren Iron Works Co., Cleveland, O.  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 Mitchell Mfg. Co., Milwaukee, Wis.  
 Morris Iron & Steel Co., Frederick, Md.  
 §Mott J. L. Iron Works, Trenton, N. J.  
 National Iron & Wire Co., Cleveland, O.  
 Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 Plocher Andrew Sons Co., Dayton, O.  
 Quick & Thomas Co., Auburn, N. Y.  
 Rockford Steel Fixture Co. (All Steel Sanitary), Rockford, Ill.  
 §Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 §Smyser-Rover Co., York, Pa.



Southwest Wire & Iron Works Co., Kansas City, Mo.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Stevens Iron Works & Fireproofing Co., Cleveland, O.  
 Stuart & Peterson Co. (Galvanized Feed Mangers & Hay Racks only), Burlington, N. J.  
 Sweet A. L. Iron Works, Medina, N. Y.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
**Van Dorn Iron Works Co.**, 2700 E 79th, Cleveland, O.  
 Vulcan Co., 11 Raynor, Detroit, Mich.  
 Vulcan Iron Works, Francisco & Kearny, San Francisco, Cal.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*  
 Youngstown Wire & Iron Co., Youngstown, O.

#### 14085—Stable or Stall Floors

Fleming & Co. (Adamantine Clinker Brick), 253 B'way, New York  
 Kettle River Co., Plymouth bldg, Minneapolis, Minn.  
 Schouler Cement Construction Co. (Sanitary), 154 Frelinghuysen av, Newark, N. J.  
 Smith F. P. Wire & Iron Works ("Smith" Improved Stall), Lake & Dearborn, Chicago, Ill. *See adv index at end of book*

#### 14086—Stackers (Alfalfa)

Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
 Hay Tool Mfg. Co., Council Bluffs, Ia.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, (Deering - McCormick - International), 702 Harvester bldg, Chicago, Ill.  
*See adv index at end of book*

#### 14087—Stackers (Hay)

Acme Harvesting Machine Co., Peoria, Ill.  
 Anderson Co., 2324 University av, St. Paul, Minn.  
 Barley Thos. K., Sedalia, Mo.  
 Children's E. Sons Mfg. Co., Council Bluffs, Iowa  
 Clippinger A. B. & Son, Kansas City, Kans.  
 Dain Mfg. Co. (Automatic), Ottumwa, Ia.  
 Eagle Hay Press & Implement Co., Muskogee, Okla.  
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
 Fleming & Sons Mfg. Co. (Swinging), Huntsville, Mo.  
 Garden City Feeder Co. ("Pella"), Pella, Iowa  
 Harrison Machine Works (Pneumatic), Belleville, Ill.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, (Deering - McCormick - International) 702 Harvester bldg, Chicago, Ill.  
*See adv index at end of book*  
 Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.  
 Kansas City Hay Press Co., Kansas City, Mo.  
 Kouns Wesley, Salina, Kans.  
 Loudon Machinery Co., Fairfield, Iowa  
 O'Neil T. L. ("Lewis"), Marseilles, Ill.  
 Orndorff O. F. Council Bluffs, Iowa  
 Stalcup E. L., Unionville, Mo.  
 Plattner Implement Co., Denver, Colo.  
 Superior Hay Stacker Mfg. Co., Linneus, Mo.  
 Walker Mfg. Co., Council Bluffs, Ia.  
 Wyatt F. Mfg. Co. ("Jayhawk"), Salina, Kan.

#### 14088—Stackers (Lumber)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 Filer & Stowell Co. (Automatic for Stacking Lumber on Tram Cars for Dry Kilns), Milwaukee, Wis.  
 Soule Steam Feed Works, Meridian, Miss.

#### 14089—Stackers (Paper)

Erie Lay Boy Co. ("Lay Boy"), Erie, Pa.

#### Stacks (Book)

*See Library Shelving & Fittings, Metallic*

#### 14090—\*Stacks (Newspaper)

Medart Fred Mfg. Co., De Kalb & Potomac, St. Louis, Mo.  
*See adv index at end of book*  
**SNEAD & CO. IRON WORKS (INC.)** (Steel), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

#### 14091—Stacks (Steel)

*See also Chimneys, Various Kinds; also Boilers, Tubular*

Abendroth G. Irving Co. (Inc.), 10 E 43d, New York  
 Allen Wm. Sons Co., Worcester, Mass.  
 American Bridge Co., 30 Church, New York  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Dry Dock & Ship Bldg. Co., Locust Point, Baltimore, Md.  
 Bartlett, Hayward Co., Scott & McHenry, Baltimore, Md.  
 Beckley Perforating Co., Garwood, N. J.  
**BEGGS JAMES & CO.**, 30 Warren, New York  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bros Wm. Boiler & Mfg. Co., Nic. Island, Minneapolis, Minn.  
 Buckeye Boiler Co., Dayton, O.  
 Cambridge Iron Works, Cambridge, Mass.  
 Carlin's Thos. Sons Co., Oliver bldg, Pittsburgh, Pa.  
 Casey-Hedges Co. (Self Supporting, Guyed, etc), Chattanooga, Tenn.  
 Cathell Bros. & Co., Lawrence & E Fort av, Baltimore, Md.  
 Central Boiler Works, 3rd & Congress, Detroit, Mich.  
 Chattanooga Boiler & Tank Co., Chattanooga, Tenn.  
**CHICAGO BRIDGE & IRON WORKS** (Self-Supporting) 2015 Old Colony bldg., Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Coatesville Boiler Works, Coatesville, Pa.  
 Codd E. J. Co., 700 So. Caroline, Baltimore, Md.  
 Cole R. D. Mfg. Co., Newnan, Ga.  
 Columbia Boiler Works, Columbia, Pa.  
 Columbian Steel Tank Co., Kansas City, Mo.  
 Columbiana Boiler Co., Columbiana, O.  
 Columbus Steam Boiler & Heater Co., Columbus, O.  
 Connellsville Iron Works, Connellsville, Pa.  
 Connelly D. Boiler Co. (Self Supporting), Cleveland, O.  
 Connery & Co., 2d & Luzerne, Phila., Pa.  
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
 Works, Bridgeton, N. J.  
 Crook H. E. Co., Inc., 28 Light, Baltimore, Md.  
 Delany P. & Co., Newburgh, N. Y.  
**DOVER BOILER WORKS**, Sales Office, 50 Church, New York (Self-Supporting & Guyed); Works, Dover, N. J.  
*See adv index at end of book*  
 Downingtown Iron Works, East Downingtown, Pa.  
 Drake-Williams-Mount Co., Omaha, Neb.

East End Boiler Works, 13 St. Aubin av, Detroit, Mich.  
**East Jersey Pipe Corp., Paterson, N. J.**  
 Erie City Iron Works, Erie, Pa.  
 Ervien Chas. W. & Co., Verango & G., Phila., Pa.  
 Fair Haven Foundry & Machine Co. (Inc.), Fair Haven, Vt.  
 Fargo Foundry Co., Fargo, N. D.  
 town, O.  
 Franklin Machine & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.  
**Finch Mfg. Co., Scranton, Pa.**  
 Fouts C. C. Co., 650 Woodlawn av, Middletown, O.  
 Franklin Machine & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.  
 Freeman Mfg. Co., Dept. O., Racine, Wis.  
 Frick Grate Bar Co. (Self-Supporting), 421 Chestnut, Phila., Pa.  
 Geis & Bievhler, St. Joseph, Mo.  
 Geneva Boiler Works, Geneva, N. Y.  
**GODFREY-KEELER CO.**, 70 Warren, New York *See adv index at end of book*  
 Gogebic Steam Boiler Works, Duluth, Minn.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hamburg Boiler Works, Hamburg, Pa.  
 Hamler Boiler & Tank Co. (Self-Supporting), 3906 S Halsted, Chicago, Ill.  
 Hammond Iron Works (Self-Supporting), Warren, Pa. *See adv index at end of book*  
 Harlan & Hollingsworth Corp., ft West, Wilmington, Del.  
 Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.  
 Hartley Boiler Works (Self-Supporting), Montgomery, Ala.  
 Heggie James G. & Sons, Joliet, Ill.  
 Heil Co. (Self-Supporting), 1375 26th av, Milwaukee, Wis.  
**HEILMAN BOILER WORKS**, Allentown, Pa.  
 Hendrick Mfg. Co., Carbondale, Pa.  
 Hennessy Dennis, Syracuse, N. Y.  
 Hibben & Co., 9376 Ewing av, Chicago, Ill.  
 Holmes Rob't & Bros., Danville, Ill.  
 Honhorst Joseph Co., 1016 W 6th, Cincinnati, O.  
 International Engng. Wks., Framingham, Mass.  
 Iowa Steel & Iron Works, Cedar Rapids, Iowa  
 Jarvis Engine & Machine Works, Lansing, Mich.  
 Kansas City Structural Steel Co., Kansas City, Mo.  
 Kaw Boiler Works Co., Kansas City, Kans.  
 Keeler E. Co. (Self-Supporting), Williamsport, Pa.  
 Kehoe Iron Works, Savannah, Ga.  
 Kellogg M. W. Co., 90 West, New York  
*See adv index at end of book*  
 Kelly Foundry & Machine Co., Goshen, Ind.  
 Kennicott Co. (Self-Supporting), Chicago Heights, Ill.  
 Kewanee Boiler Co., Kewanee, Ill.  
 King Bridge Co., Cleveland, O.  
 King F. E. Co., Norfolk, Va.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Kries Henry A. & Sons Co., 8 W Lombard, Baltimore, Md.  
 Lacy Mfg. Co., Los Angeles, Cal.  
 Lake Shore Engine Works, Marquette, Mich.  
 Lancaster Iron Works, Lancaster, Pa.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Leetonia Boiler Co., Leetonia, O.  
 Leslie Elliott & Co., Paterson, N. J.  
 Lewis H. B., Ferry av & G. T. Ry, Detroit, Mich.

## DOVER BOILER WORKS

### STACKS and TANKS

#### GENERAL STEEL PLATE CONSTRUCTION

Sales Office: 50 Church Street, New York

Works: Dover, N. J.



Lindsay W. W. & Co., Harrison bldg, Phila., Pa.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 Logan Iron Works, 54 Commercial, Brooklyn, N. Y.  
 Long Walter Mfg. Co., 1312 Muriel, Pittsburgh, Pa.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 McDermott Engineering Co., Allentown, Pa.  
 McNamara Bros. Co., Haines & Warner, Baltimore, Md.  
 McNaull Boiler Mfg. Co., Toledo, O.  
 McNeill Boiler Co., Akron, O.  
 McNeill Jas. & Bro. Co., Pittsburgh, Pa.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Mallory & Roper Co., Macon, Ga.  
 Manitowoc Engng. Works, Manitowoc, Wis.  
 Martin Metal Mfg. Co., Wichita, Kans.  
 Meehan Boiler & Construction Co. (Self-Supporting), Lowellville, O.  
 Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.  
 Michelmann Steel Construction Co. (Self-Supporting), Quincy, Ill.  
 Milwaukee Boiler Co., 220 Oregon, Milwaukee, Wis.  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Missouri Boiler & Sheet Iron Works, 23d & Paplin, St. Louis, Mo.  
 Mitchell-Tappen Co., 50 Broad, New York  
 Muncie Boiler & Sheet Iron Wks. (Smoke), Muncie, Ind.  
 Munroe R. & Sons Mfg. Co. (Iron Also), 23rd & Smallman, Pittsburgh, Pa.  
 Murray Iron Works Co., Burlington, Ia.  
 Muskegon Boiler Works (Self-Supporting), Muskegon, Mich.  
 Nashville Bridge Co., Nashville, Tenn.  
 National Boiler & Sheet Iron Works, Indianapolis, Ind.  
 National Iron Works, Detroit, Mich.  
 Nebraska Culvert & Mfg. Co., Wahoo, Neb.  
 Newbold R. S. & Son Co., Norristown, Pa.  
 New England Iron Works Co., Summer, Boston, Mass.  
**Novelty Steam Boiler Works, 917 S Howard**, Baltimore, Md.  
 O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.  
 Ohio Machine & Boiler Co. (Self-Supporting), 1501 University rd, Cleveland, O.  
 Oil City Boiler Works, Oil City, Pa.  
 Oldman Boiler Works, 38 Illinois, Buffalo, N. Y.  
 Omaha Structural Steel Works, Omaha, Neb.  
 Osborne Machine Co., Dubois, Pa.  
 Payne & Joubert Machine & Foundry Co., Howard & Euphrosine, New Orleans, La.  
 Pennsylvania Boiler Works, Erie, Pa.  
 Petroleum Iron Works Co. (Self-Supporting & Guyed), Sharon, Pa.  
 Petty J. K. & Co. (Lebanon Boiler Works, Self-Supporting), Stephen Girard bldg, Phila., Pa. Works: Lebanon, Pa.  
 Phoenix Iron Works Co., Meadville, Pa.  
 Pinkerton Robert Boiler Works, Green Island, N. Y.  
**PITTSBURGH-DES MOINES STEEL CO.** (Self-Supporting), 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*  
 Pollock Wm. B. Co., Youngstown, O.  
 Quaker City Iron Works (Self-Supporting, etc), Tioga & Edgemont, Phila., Pa.  
 Reeves Bros. Co. (Self-Supporting), Alliance, O.  
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.  
 Republic Iron & Steel Co., Leader-News bldg, Cleveland, O.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Riter-Conley Co. (Self-Supporting), Pittsburgh, Pa.  
 Roberts Iron Works Co., Cambridge, Mass.  
 Rock Island Bridge & Iron Works, Rock Island, Ill.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Ruggles-Coles Engineering Co., 48 Church, New York  
 St. Paul Boiler & Mfg. Co., Water & Walter, St. Paul, Minn.  
**ST. PAUL FOUNDRY CO.**, Como av & Mackubin, St. Paul, Minn.  
*See adv index at end of book*

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Schmook Harry B., Springfield, Mo.  
 Schofield's J. S. Sons Co. (Self-Supporting), Macon, Ga.  
 Sharkey & Peck, 2433 W 18th, Chicago, Ill.  
 Smith Samuel & Son Co., Paterson, N. J.  
 Sotter Bros., Pottstown, Pa.  
 South Bend Spark Arrester Co., South Bend, Ind.  
 Southern Boiler & Tank Works Co., Memphis, Tenn.  
 Southern Engine & Boiler Wks., Jackson, Tenn.  
 Sprenger Joseph & Sons, Detroit, Mich.  
 Springfield Boiler Co., Springfield, Ill.  
 Stafford Wright & Son, Lawrence, Mass.  
 Standard Boiler Works, Seattle, Wash.  
 Standard Boiler & Plate Iron Co., Niles, O.  
 Standard Sheet Metal Mfg. Co., Washington, Pa.  
 Steacy-Schmidt Mfg. Co., York, Pa.  
 Stebbins Wallace & Sons, 100 S Charles, Baltimore, Md.  
 Strandwitz & Scott, Camden, N. J.  
 Struthers-Wells Co. (Self-Supporting), Warren, Pa. *See adv index at end of book*  
**THROPP'S JNO. E. SONS CO.**, ft of Lewis, Trenton, N. J.  
*See adv index at end of book*  
 Tippet & Wood, Phillipsburg, N. J.  
 Tofte Boiler & Sheet Iron Works, Houston, Texas  
 Tomahawk Steel & Iron Works (Self-Supporting), Tomahawk, Wis.  
**Topeka Steam Boiler Works, Topeka, Kan. TREADWELL CONSTRUCTION CO.** (Self-Supporting), Midland, Pa.  
*See adv index at end of book*  
 Treadwell M. H. Co., 140 Cedar, New York  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Tulsa Boiler & Mach. Co., Tulsa, Okla.  
**TURL IRON & CAR CO. (INC.) (THE)**, 50 Broad, New York. Works: Newburgh, N. Y.  
 Twin City Boiler & Sheet Iron Works, Bristol, Va.  
 Union Boiler & Mfg. Co., Lebanon, Pa.  
 Union Iron Works, Erie, Pa.  
 Union Iron Works, Hoboken, N. J.  
 United Boiler Heating & Foundry Co., Hammond, Ind.  
 Utica Steam Engine & Boiler Works, Utica, N. Y.  
 Vance Jas. R. (Boiler Mfrs.), Geneva, N. Y.  
 Vance & Baker Mfg. Co., Muscatine, Ia.  
 Variety Iron & Steel Works Co., Cleveland, O.  
 Virginia Bridge & Iron Co., Roanoke, Va.  
 Vogt Henry Machine Co., Louisville, Ky.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Walsh's Boiler & Iron Works, Springfield, Mass.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Waterloo Mfg. Co., Waterloo, Ia.  
 Western Drop Forge Co., P. O. Box 336, Marion, Ind. *See adv index at end of book*  
 Western Iron & Foundry Co., Wichita, Kans.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wetherill Robt. & Co. (Self-Supporting), Chester, Pa.  
 Wholey Boiler Works, 95 Whipple, Providence, R. I.  
 Wickes Boiler Co., Saginaw, Mich.  
 Wilson Steam Boiler Co., Omaha, Neb.  
 Wisconsin Bridge & Iron Co., (Self-Supporting) No. Milwaukee, Wis.  
 Young Bros. Co., Detroit, Mich.

#### 14092— Stadia Surveying

Gurley W. & L. E. ("Beaman" Stadia Arc, etc), Troy, N. Y.

#### 14093— Stages (Lineman's)

Dicke Tool Co., Downers Grove, Ill.  
 Meckel Fred L., 11 E 13th, Chicago, Ill.

#### 14093a— Stain Removers

Wolf, Jacques & Co., Passaic, N J

#### 14094— Stainoff for Cleaning & Polishing

Steward D. M. Mfg. Co., Chattanooga, Tenn.

#### 14094a— \*Stains

**HARRISONS INC.**, 35th & Grays Ferry rd, Phila., Pa.

#### 14095— Stains (Leather)

Boston Leather Stain Co., 109 Purchase, Boston, Mass.

#### Stair Builders (Iron)

See Iron Stair Builders

#### 14096— Stair Builders' Supplies

(Stair Rails Balusters, Newel Posts, etc)  
 American Sash and Door Co. (Wholesale Mfrs.), Kansas City, Mo.  
 American Wood Working Co., 4345 Wabansia av, Chicago, Ill.  
 Bering Mfg. Co. (Pine & Cypress, Wholesale Mfrs.), Houston, Tex.  
 Bossert Louis & Son, 1335 Grand, Brooklyn, N Y.  
 Brockway-Smith Corp'n, 98 Canal, Boston, Mass.  
 Carr, Ryder & Adams Co., Dubuque, Ia.  
 Carr & Baal Co., Des Moines, Ia.  
 Carter-Phelps Mfg. Co. (Stairs Only, Wholesale Mfrs.), Keokuk, Ia.  
 Curtis Bros. & Co. (Wholesale), Clinton, Ia.  
 Curtis, Towle & Paine Co. (Wholesale Mfrs.), Lincoln, Neb.  
 Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.  
 Dickey A. & Co., 37 Bristol, Boston, Mass.  
 East Tacoma Mfg. Co. (Whol.), Tacoma, Wash.  
 Farley & Loetscher Mfg. Co., Dubuque, Ia.  
 Foster-Munger Co. (Wholesale Mfrs.), 1404 W 37th, Chicago, Ill.  
 Gauger Jno. A. & Co. (Wholesale Mfrs.), 1434 W 22d, Chicago, Ill.  
 Gordon, Vantine & Co., Davenport, Ia.  
 Gould Mfg. Co. (Wholesale), Oshkosh, Wis.  
 Gray's Harbor Commercial Co. (Wholesale Mfrs.), ft of 3rd, San Francisco, Cal.  
 Hafner Mfg. Co. (Wholesale), Main & Dock, St. Louis, Mo.  
 Huttig Mfg. Co. (Wholesale Mfrs.), Muscatine, Iowa  
 Hyde-Murphy Co., Ridgway, Pa.  
 Lecontour Bros. Stair Mfg. Co., 4523 Shaw, av, St. Louis, Mo.  
 Leuckel A. K. & Co., Trenton, N. J.  
 Loetscher & Burch Mfg. Co., Des Moines, Ia.  
 Lord Lumber Co., La Grange, Ill.  
 McMillen R. Co. (Wholesale Mfrs.), Oshkosh, Wis.  
 Missouri Stair Co. (Wholesale Mfrs.), 4205 Forest Pk. blvd, St. Louis, Mo.  
 Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis.  
 Nelson Lumber & Mfg. Co., 372 Dublin av, Columbus, O.  
 Paine Lumber Co., Ltd. (Wholesale Mfrs., for the Trade Only), Oshkosh, Wis.  
 Radford Sash & Door Co. (Wholesale Mfrs.), 1827 Prairie av, Chicago, Ill.  
 Roberts Sash & Door Co. (Wholesale Mfrs.), 920 W 20th, Chicago, Ill.  
 Rockwell Mfg. Co. (Wholesale Mfrs.), 572 Park, Milwaukee, Wis.  
 St. Louis Sash & Door Works (Wholesale Mfrs.), B'way & Destrehan, St. Louis, Mo.  
 Salisbury Wood Working Co., Salisbury, Md.  
 Spangler Frank Co. (Newels, Balusters, Spindles, etc), Toledo, O.  
 Starkweather R. R. Co. (Wholesale Mfrs.), Oshkosh, Wis.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
 Western Sash & Door Co., Kansas City, Mo.  
 Williams & Hunting Co., Cedar Rapids, Ia.  
 Zimmerman Chas. E., Syracuse, N. Y.

#### 14097— Stair Corners

Berbercker & Rowland Mfg. Co., (Brass), Waterville, Conn.  
 Painesville Metallic Bending Co. (Brass & Zinc), Painesville, O.  
 Weber-Knapp Co. (Cast Brass), Jamestown, N. Y.



**14098— Stair Nosing**

American Mason Safety Tread Co. (Brass Delta Metal), Boston, Mass.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
**DAHLSTROM METALLIC DOOR CO.** (Cold Drawn, Any Metal), 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Howell F. R. Brass Works (Brass), 122 N Franklin, Phila., Pa.  
 Hungerford U. T. Brass & Copper Co. (Brass & Zinc), 80 Lafayette, New York  
 Knapp Rubber Binding Co. ("Antislippin" Rubber), 31 E 17th, New York  
 McKenna Bros. Brass Co., 1st av & Ross, Pittsburgh, Pa.  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.  
*See adv index at end of book*  
 New York Belting & Packing Co., 91 Chambers, New York  
 Painesville Metallic Binding Co. (Brass & Zinc), Painesville, Ohio  
 St. Louis Brass Mfg. Co., Jefferson & Washington, St. Louis, Mo.  
 Universal Safety Tread Co. (Safety Treads), Waltham, Mass.  
 Zenite Metal Co. ("Alite"), Indianapolis, Ind.

**14099—\*Stair Rails (Brass & Bronze)**

Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.  
*See adv index at end of book*  
**SMITH F. P. WIRE & IRON WORKS,** Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

**14099a—\*Stair Risers (Pressed Steel)**

**INTERIOR METAL MFG. CO.,** Jamestown, N. Y. *See adv index at end of book*

**14100—Stair Risers (Sheet Steel)**

Empire Art Metal Co., Inc., College Point, L. I., N. Y.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

**14101—Stair Treads (Brass)**

**AMERICAN MASON SAFETY TREAD CO.,** Boston, Mass.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Manhattan Brass Co., 333 E. 26th, New York  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Newman Mfg. Co., 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.  
*See adv index at end of book*  
 Universal Safety Tread Co. (Lead Filled), Waltham, Mass.  
 Waterbury Brass Goods Corporation, Waterbury, Conn.

**14102—Stair Treads (Cast Iron)**

Canton Foundry & Machine Co., Canton, O.  
 Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.  
 Cheney S. & Son, Manlius, N. Y.  
 Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.  
*See adv index at end of book*  
**ST. PAUL FOUNDRY CO.,** Como av & Mackubin, St. Paul, Minn.  
*See adv index at end of book*  
 Swett A. L. Iron Works, Medina, N. Y.  
 Woonsocket Mach. & Press Co. ("Rockdale Mills," Corrugated), Woonsocket, R. I.

**14103—Stair Treads ("Feralun" Metal)**

American Abrasive Metals Co., 50 Church, New York

**14104-5—Stair Treads (Lead Filled)**

American Mason Safety Tread Co., Boston, Mass.  
 Universal Safety Tread Co. (Also Aluminum), Waltham, Mass.

**Stair Treads (Rubber)**

*See Mats & Matting, Rubber*

**14106—Stair Treads (Safety)**

**AMERICAN MASON SAFETY TREAD CO.** ("Mason" & "Stanwood"), Boston, Mass.  
 Concrete Steel Co. ("Sanitread") 42 Broadway, New York  
 Euclid Stone & Brick Co. ("Non-skid" Stone), Electric bldg, Cleveland, O.

**14107— Stair Treads (Wrought Steel)**

American Mason Safety Tread Co. (Lead or Carborundum), Boston, Mass.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Keystone Steel Co. ("Kesco" Diamond Ribbed & Checkered Pattern), Warren, Pa.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Trussed Concrete Steel Co. ("Desley," Kahn System), Youngstown, O.

**14108—\*Stair Treads & Risers ("Dahlstrom")**

**DAHLSTROM METALLIC DOOR CO.,** 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

**14109— Stairs (Fireproof)**

Guerber Engineering Co., Bethlehem, Pa.  
 Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.  
*See adv index at end of book*  
 Hughes-Keenan Co. (Pressed Steel), Mansfield, O.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

**14110—Stairs (Mine Escape Shaft)**

Hanke Iron & Wire Works, 800 N Albany av, Chicago, Ill.  
*See adv index at end of book*  
 Lucas A. & Sons, 1329 S Washington, Peoria, Ill.

**Stairs (Spiral)**

*See Iron Stair Builders*

**14111— Stairways (Moving)**

(Also Known as Escalators)

**OTIS ELEVATOR CO.** ("Otis" Elevators & Escalators, or Moving Stairways), 26th & 11th av, New York  
*See adv index at end of book*

**14111a—\*Stairways & Balustrades**

**GORHAM CO. ARCHITECTURAL BRONZE,** 5th av & 36th, New York  
*See adv index at end of book*

**14112-3—Stake Pockets for Cars**

Cambria Steel Co. (Forged Steel), Widener bldg, Phila., Pa.  
 National Malleable Castings Co., Cleveland, O.

Phoenix Mfg. Co. (For Log Cars), Eau Claire, Wis.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

**Stake Riveting Machines**

*See Riveting Machines, Stake*

**14114— Stakes (Cattle)**

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

**14114a—\*Stakes (Plant)**

Estes E. B. & Sons Co., 358 5th av, New York. *See adv index at end of book*

**14115— Stakes (Tinnners')**

Emrich Phil. ("Emrich"), 824 Main, Cincinnati, O.  
 Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.  
*See adv index at end of book*  
**NIAGARA MACHINE & TOOL WORKS,** Buffalo, N. Y.  
*See adv index at end of book*  
 Stortz John & Son (Also Slaters'), 210 Vine, Phila., Pa.

**14115a—\*Stall Fittings for Lavatories**

**ALBERT G. G. & CO.** (Closet & Urinal), Bangor, Pa.

**14116— Stalls (Cow)**

Glor Bros. & Willis Mfg. Co., Attica, N. Y.  
 Hudson & Thurber Co., 308 3d av N, Minneapolis, Minn.  
 James Mfg. Co. ("James" Sanitary Steel), Ft. Atkinson, Wis.  
 Loudon Machinery Co., Fairfield, Ia.  
 Mitchell Mfg. Co., Milwaukee, Wis.  
 Rossmann F. Mfg. Co., Beaver Dam, Wis.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
**SNOW W. A. IRON WORKS (INC.),** 19 Portland, Boston, Mass.

**14117—\*Stamped Parts for Cream Separators**

Acklin Stamping Co., 1659 Dorr, Toledo, O.  
*See adv index at end of book*  
 Bossert Corporation, The, Utica, N. Y.  
*See adv index at end of book*  
**GEUDER, PAESCHKE & FREY CO.,** Milwaukee, Wis.  
*See adv index at end of book*  
**MATTHEWS MFG. CO.,** 104 Gold, Worcester, Mass. *See adv index at end of book*

**14118—\*Stamped Ware (Galvanized & Japanned)**

**GEUDER, PAESCHKE & FREY CO.,** Milwaukee, Wis.  
*See adv index at end of book*

**14119—Stamping (Aluminum)**

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Am. Sheet Metal Stamping Corp'n, Lehigh av & Mutter, Phila., Pa.  
**GASKET SUPPLY CO.,** 1927 Ludlow, Phila., Pa. *See adv index at end of book*  
**GEUDER, PAESCHKE & FREY CO.,** Milwaukee, Wis. *See adv index at end of book*  
**QUADRIGA MFG. & SPECIALTY CO.,** 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
 Sharon Steel Hoop Co., Sharon, Pa.

**14120—\*Stamping (Automobile)**

Acklin Stamping Co., 1659 Dorr, Toledo, O.  
*See adv index at end of book*  
**BOSSERT CORPORATION, THE,** Utica, N. Y. *See adv index at end of book*  
**BOSTON PRESSED METAL CO.,** 169 Union, Worcester, Mass.  
*See adv index at end of book*  
**GASKET SUPPLY CO.,** 1927 Ludlow, Phila., Pa. *See adv index at end of book*  
**GEUDER, PAESCHKE & FREY CO.,** Milwaukee, Wis. *See adv index at end of book*  
**MATTHEWS MFG. CO.,** 104 Gold, Worcester, Mass.  
*See adv index at end of book*

**14121—\*Stamping (Brass)**

Acklin Stamping Co., 1659 Dorr, Toledo, O.  
*See adv index at end of book*  
**BOSSERT CORPORATION, THE,** Utica, N. Y. *See adv index at end of book*  
**BOSTON PRESSED METAL CO.,** 169 Union, Worcester, Mass.  
*See adv index at end of book*  
**GASKET SUPPLY CO.,** 1927 Ludlow, Phila., Pa. *See adv index at end of book*  
**GEUDER, PAESCHKE & FREY CO.,** Milwaukee, Wis. *See adv index at end of book*  
**PEORIA CAN CO.,** Peoria, Ill.  
*See adv index at end of book*  
**QUADRIGA MFG. & SPECIALTY CO.,** 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

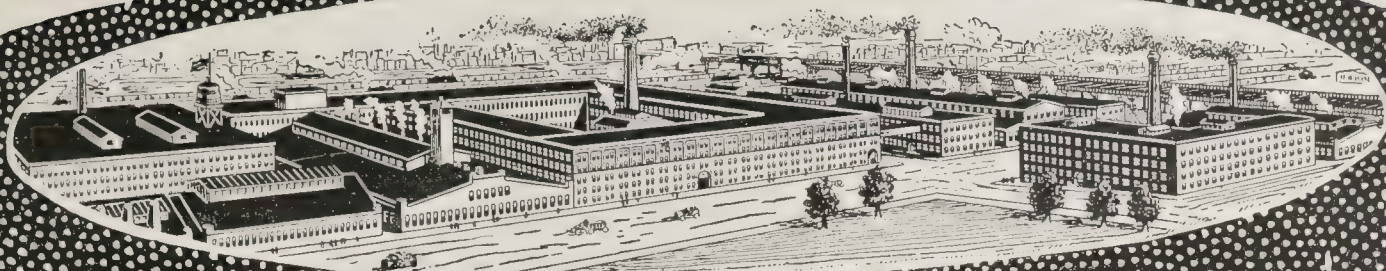
**14122—Stamping (German Silver)**

Bridgeport Brass Co., Bridgeport, Conn.  
 Matthews H. A. Mfg. Co., Seymour, Conn.  
**QUADRIGA MFG. & SPECIALTY CO.,** 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

**14123—Stamping (Sheet Metal)**

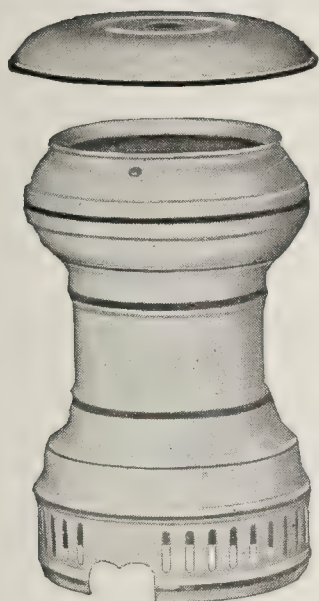
A-1 Metallic Products Co., 711 Canal rd, Cleveland, O.  
 A. & J. Mfg. Co., Binghamton, N. Y.  
 Acer & Whedon, Medina, N. Y.





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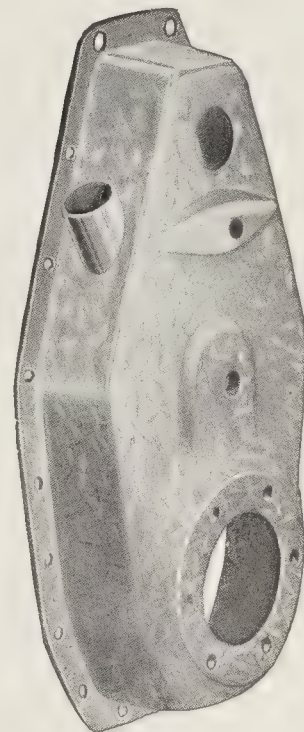
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Let us prove to you what we have proved to a great many other manufacturers—that

**G.P. & F. Service**  
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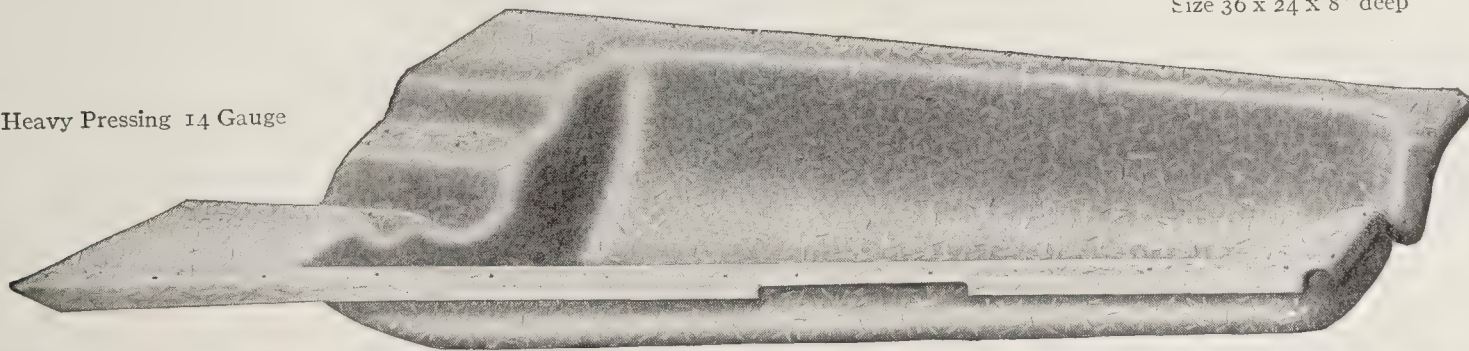
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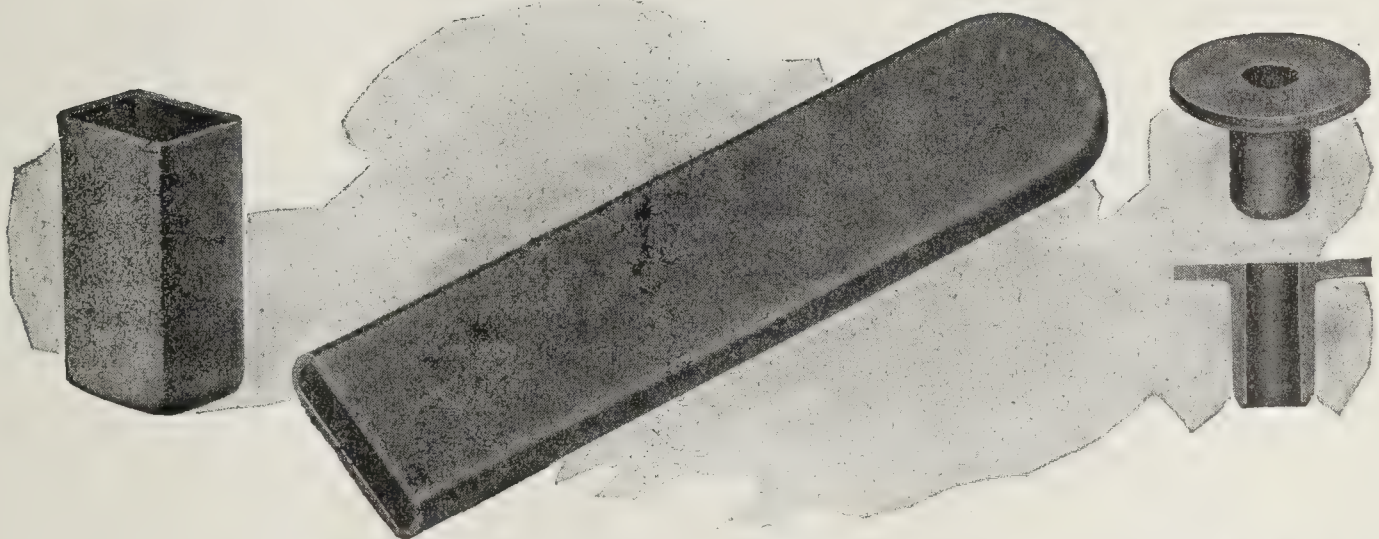
**The Acklin Stamping Co.**  
1659 DORR ST. TOLEDO, OHIO

**ACKLIN STAMPING CO.**, 1659 Dorr, Toledo, O. *See adv index at end of book*  
**Acme Mfg. Co.**, 355 Howard, Detroit, Mich.  
**Adell Mfg. Co. (Light & Heavy)**, Orange, Mass.  
**Advance Machinery Co.**, Toledo, O.  
**Akron Metallic Gasket Co.**, 142 N Union, Akron, O. *See adv index at end of book*  
**Allsteelequip Co.**, Aurora, Ill.  
**AMERICAN CAN CO.**, 120 B'way, New York *See adv index at end of book*  
**American Metal Ware Co.**, 368 W Huron, Chicago, Ill.  
**American Metal Works, Armat & Helskel**, Gtn., Phila., Pa.  
**American Nut & Bolt Fastener Co.** (all kinds of stamped metal specialties), Ontario & Doerr, Pittsburgh, Pa.  
**American Rivet Co.**, New Haven, Conn.  
**American Safety Lamp & Mine Supply Co.**, Scranton, Pa.  
**American Sheet Metal Stamping Corp.**, Lehigh av & Mutter, Phila., Pa.

**American Shovel & Stamping Co.**, Lorain, Ohio  
**American Tube & Stamping Co.**, Bridgeport, Conn.  
**Ashley Machine Works**, Rochester, N. Y.  
**Atlantic Stamping Co.**, 156-180 Ames, Rochester, N. Y.  
**Atlas Metal Parts Co.**, 998 15th, Milwaukee, Wis.  
**Auto Plating & Mfg. Co.**, Cleveland, O.  
**Barlow Co.**, Holyoke, Mass.  
**BARNES, THE WALLACE CO.** (Small), 18 Wallace, Bristol, Conn. *See adv index at end of book*  
**Bassemir John & Son**, 37 Frankfort, New York  
**Bay State Stamping Co.** (And Sheet Metal Stamping to Order), 380 Chandler, Worcester, Mass.  
**Beckley Perforating Co.**, Garwood, N. J.  
**Bedford Aluminum & Specialty Co.**, 4 Reade, New York  
**Beffel Frank Mfg. Co.**, Racine, Wis.

**Bernardin Bottle Cap Co.**, Evansville, Ind.  
**Bettcher Mfg. Co.**, 6120 Clark av, S W, Cleveland, O.  
**Bilton Machine Tool Co.**, The (& Small Drawing), Bridgeport, Conn.  
**Bliss-Chester Co.**, 31 Mathewson, Providence, R. I.  
**Bliss E. C. Mfg. Co.**, 73 Page, Providence, R. I.  
**Boesch Lamp Co.**, 962 Mission, San Francisco, Cal.  
**BOSSERT CORPORATION, THE**, Utica, N. Y. *See adv index at end of book*  
**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass. *See adv index at end of book*  
**Bowen Mfg. Co.**, 357 Canal, Auburn, N. Y.  
**Brazil Stamping & Mfg. Co.** (Stamping & Drawing), Brazil, Ind.  
**Bridgeport Brass Co. (Large)**, Bridgeport, Conn.  
**Bridgeport Chain Co.**, Bridgeport, Conn.

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 Buckeye Stamping Co., Columbus, O.  
 Budd Edward G. Mfg. Co., 25th & Hunting Park av, Phila., Pa.  
 Buffalo Pressed Steel Co., 31 Lansing, Buffalo, N. Y.  
 Burdick & Son., Albany, N. Y.  
 Burns & Bassick Co., Bridgeport, Conn.  
 Burr Mfg. Co., Whitney Power blk, Cleveland, O.  
 Burrows Metal Mfg. Co., 521 W 23d, New York  
 Canister Co. of New Jersey (Tin Stamping), Phillipsburg, N. J.  
 Carpenter L. A. Press Metal Co. (Brass & Steel), Cambridge, Mass.  
 Cassidy, Fairbank Mfg. Co., 6126 S La La Salle, Chicago, Ill.  
 Champion Hardware Co., Geneva, O.  
**CHANDLER CO.** (Blanking & Piercing, Light Metal), Springfield, Mass.  
 Chapin R. E. Mfg. Works, Batavia, N. Y.  
 Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
 Childs S. D. & Co., 136 S Clark, Chicago, Ill.  
 Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.  
 Clark A. N. & Son (Nickel Finish, etc), Plainville, Conn.  
 Clark Novelty Co., Rochester, N. Y.  
 Clark W. J. Co., Salem, O.  
 Clayton & Lambert Mfg. Co. (Large & Small), 205 Piquette av, E, Detroit, Mich.  
 Cleveland Metal Products Co., Ivanhoe rd & N. Y. C. R. R., Cleveland, O.  
 Cleveland Metal Stamping Co., Cleveland, Ohio  
 Cleveland Stamping & Tool Co. (Also Enameled & Polished Hollow Ware), Cleveland, O.  
 Cleveland Wrought Washer Co., Cleveland, Ohio  
 Clyne R. G. Machine Wks., Columbia bldg, St. Louis, Mo. *See adv index at end of book*  
 Coe-Stapley Mfg. Co., Bridgeport, Conn.  
 Columbia Metal Stamping Co., Cleveland, O.  
 Columbus Die, Tool & Machine Co., 955 Cleveland av, Columbus, O.  
 Consolidated Fruit Jar Co., New Brunswick, N. J.  
 Cook H. C. Co., 100-120 Jewett, Ansonia, Conn.  
 Crandal, Stone & Co., Binghamton, N. Y.  
 Crosby Co., 183 Pratt, Buffalo, N. Y.  
 Crown Hardware Mfg. Co., 1101-21 E Second, Dayton, O.  
 Curtis Albert B. Worcester, Mass.  
**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
 Dail Steel Products Co., Lansing, Mich.  
 Detroit Metal Spinning Co., 197 Monroe, Detroit, Mich.  
 Detroit Pressed Steel Co., Detroit, Mich.  
 Detroit Range Boiler Co. (Heavy), 619 24th, Detroit, Mich.  
 Diamond Stamping Works Co., 1946 E 55th, Cleveland, O.  
 Dickey-Grabler Co., Cleveland, O.  
 Dill Mfg. Co., 686 E 82d, Cleveland, O.  
 Duplexo Metal Stamping Co., 431 Kent av, Brooklyn, N. Y.  
*See adv index at end of book*

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 Eagle Mfg. Co., Blue Rock & Turrill, Cincinnati, O.  
**EAGLE STAMPING CO.** (All Kinds in Metals), 1400-1410 Niagara, Buffalo, N. Y.  
 Eastern Parts Mfg. Co., 27 Thames, New York  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Elliott-Cornwall Mfg. Co., Inc., Bridgeport, Conn.  
 Ellis Mfg. Co., Milldale, Conn.  
 Enterprise Mfg. Co., Akron, O.  
**ERDLE PERFORATING CO.**, 181 York, Rochester, N. Y.  
*See adv index at end of book*  
 Erie Stamping & Mfg. Co., Erie, Pa.  
 Fanner Mfg. Co., Cleveland, O.  
 Federal Enameling & Stamping Co., McKees Rocks, Pa.  
 Forg Peter Mfg. Co., Somerville, Mass.  
 Forsyth Metal Goods Co., E. Aurora, N. Y.  
**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. *See adv index at end of book*  
 Gaynor Mfg. Co., Bridgeport, Conn.  
**GEM MFG. CO.** (Brass & Steel Stamping & Drawing), Goebel nr Fulton, N S, Pittsburgh, Pa.  
*See adv index at end of book*

## STAMPING (Sheet Metal)



Brass & Steel Stamping & Drawing.  
**Gem Mfg. Co., Pittsburgh, Pa.**

Gem Stamped Steel Co., Chelsea, Mass.  
 Genesee Plating Works, Rochester, N. Y.  
**GEUDER, PAESCHKE & FREY CO.**  
 (From All Metals), Milwaukee, Wis.  
*See adv index at end of book*  
 Gier Pressed Steel Co., Lansing, Mich.  
 Gillespie Machine Co., Phipps Pur. bldg, Pittsburgh, Pa.  
 Globe Machine & Stamping Co. (Heavy for Automatic, Deep Drawing, etc), 1250 W 76th, Cleveland, O.  
 Grabler Mfg. Co., Cleveland, O.

Grammes L. F. & Sons, Allentown, Pa.  
 Grand Rapids Brass Co., Grand Rapids, Mich.  
 Greist Mfg. Co. (For Mfrs. of Mechanisms Requiring Stampings), New Haven, Conn.  
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**Harry Bros. Mfg. Co., 282 Woodbridge E, Detroit, Mich.**  
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 Hedwig Mfg. Co. ("Helwig"), St. Paul, Minn.  
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 Hindley Mfg. Co., Valley Falls, R. I.  
 Hoeft & Co., 1600 W Kinzie, Chicago, Ill.  
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 Houghton Mfg. Co., Worcester, Mass.  
 Huebel Mfg. Co., 103 Monroe, Newark, N.J.  
 Hunt & Dorman Mfg. Co., 1600 E 24th, Cleveland, O.  
 Ideal Switch Co., Plainville, Conn.  
 Ideal Tool & Specialty Co. (Light), 5211 Prospect av, Cleveland, O.  
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 John's Stamping & Machine Works Co., Cleveland, O. *See adv index at end of book*  
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 Lindholm Metal Stamping Co., Camden, N. J.  
 Luitink & Sons Mfg. Co., 775 18th av, Milwaukee, Wis.  
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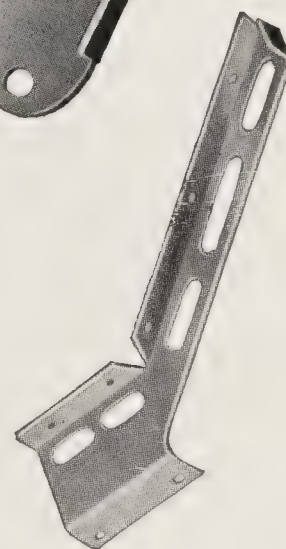
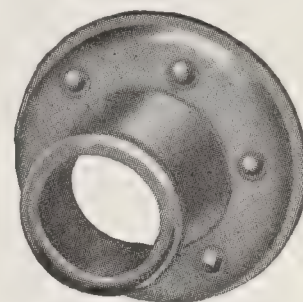
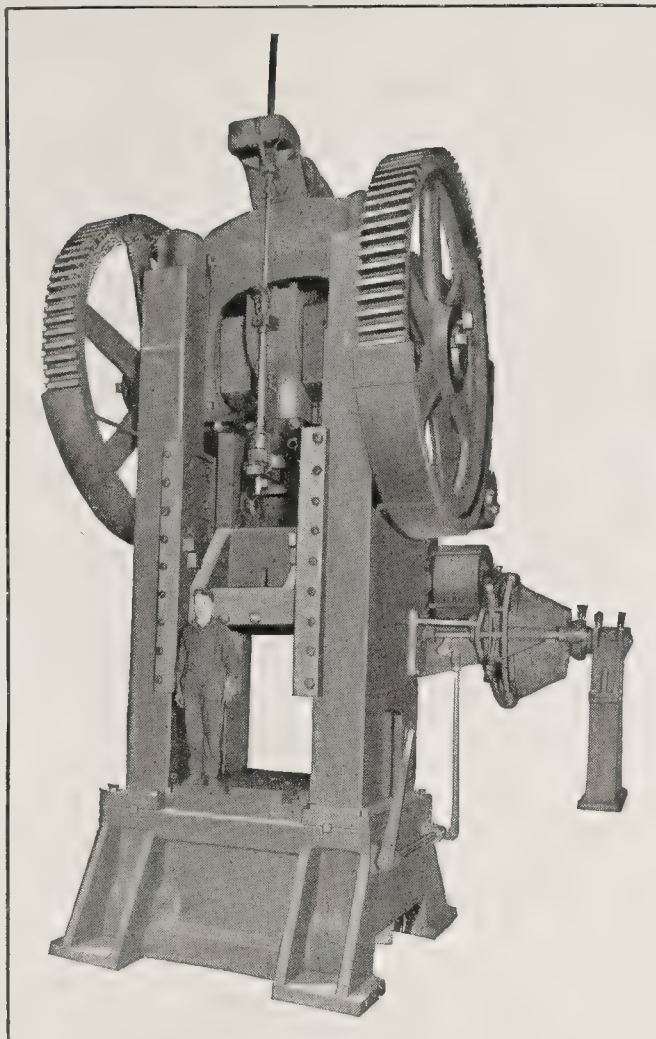
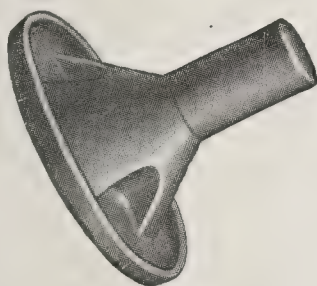
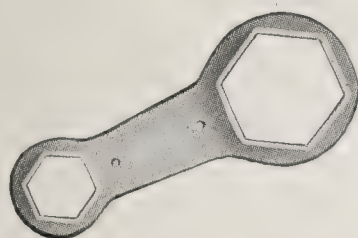
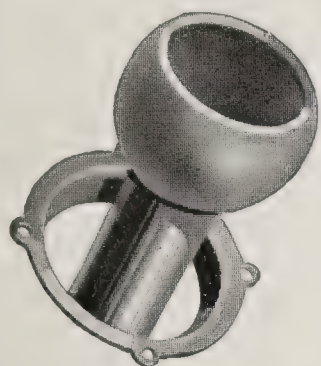
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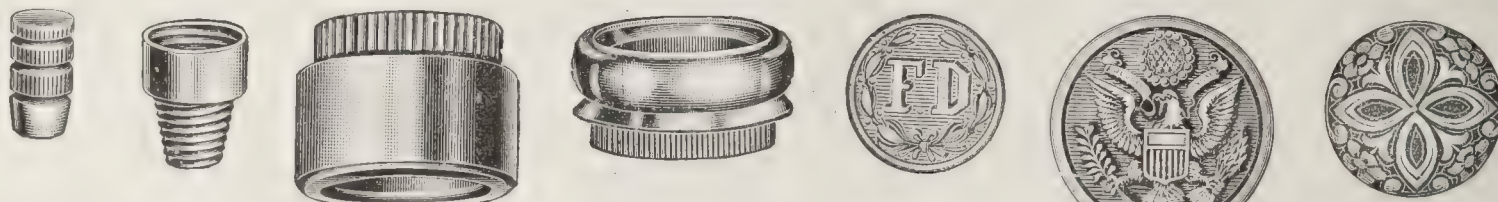
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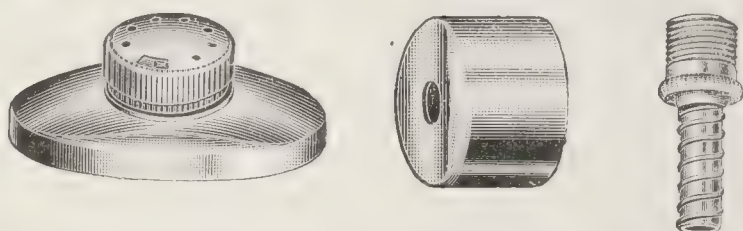
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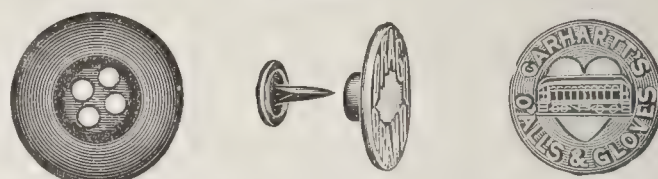
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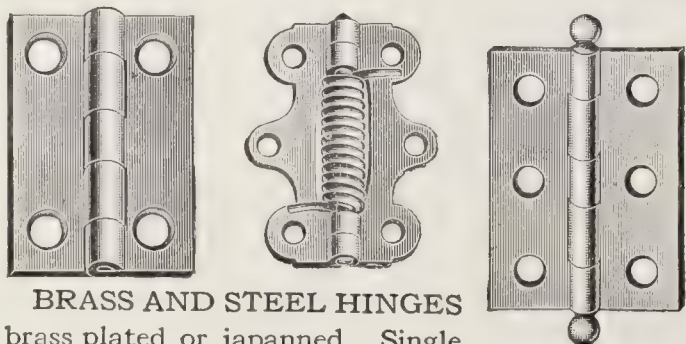


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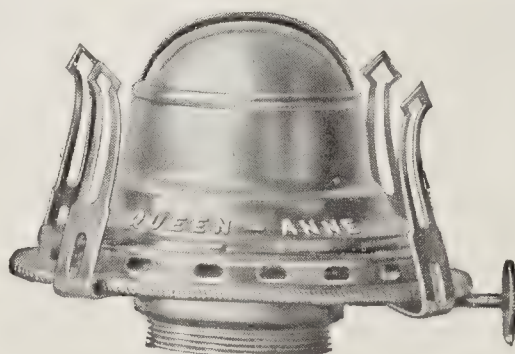


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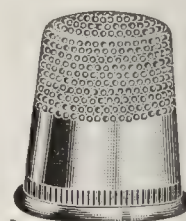
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Moline Pressed Steel Co., East Moline, Ill.  
Mossberg Frank Co. (Stamping & Punching), Attleboro, Mass.  
Motor Car Spring Co. (Light), 243 W 17th, New York  
Mound Tool Co., 1203 S 7th, St. Louis, Mo.  
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Pennsylvania Stamping Co., York, Pa.  
Peoria Can Co., Peoria, Ill.  
Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.  
Pittsburgh Lamp, Brass & Glass Co., 130 7th, Pittsburgh, Pa.

Pratt Chuck Co., Frankfort, N. Y.  
Precision Metal Workers, 1443 Carroll av., Chicago, Ill.  
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Prisk Wm. M. & Sons Mfg. Co., Yalesville, Conn.  
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Quinsigamond Pressed Steel Co., Worcester, Mass.  
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Robinson Tool Works (Small, Brass & Steel), Waterbury, Conn.  
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Schatz Mfg. Co., Poughkeepsie, N. Y.  
Schuchardt & Schutte, 90 West, New York  
Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
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Snow & Barkley, 253 B'way, New York *See adv index at end of book*  
Standard Die & Stamping Co., 631 Penn av., Pittsburgh, Pa.  
Standard Nut & Bolt Co., Valley Falls, R. I.  
Standard Stamping & Die Co., 151 33d, Brooklyn, N. Y.  
Standard Steel Box Co., Bridgeville, Pa.  
Stearns W. H. Stamping Co. (Cold Metal), Worcester, Mass.  
Sterling Mach. & Stamping Co., Welling-ton, O.  
Stevens Mfg. Co., Dale av., Dayton, O.  
Stimpson Edwin B. Co., 68 Franklin av., Brooklyn, N. Y.  
Stirrup Mfg. Co., 257 Greenwich, New York  
Superior Metal Products Co., Elyria, O.  
Thatcher-Reuter Mfg. Co., Cleveland, O.  
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Trumbull F. S., Bridgeport, Conn.  
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Weber-Knapp Co., Jamestown, N. Y.  
Wilcox W. W. Co., 1735 Armitage av., Chicago, Ill.  
Willemin Mfg. Co., Inc., 181 Eddy, Providence, R. I.  
Wisconsin Metal Products Co., Racine, Wis.  
Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.  
Worcester Pressed Steel Co., Worcester, Mass.  
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.

**14124— Stamping Works**

See also Enameled Ware Mfrs.; also Stamping Sheet Metal

**ACKLIN STAMPING CO.**, 1659 Dorr, Toledo, O. *See adv index at end of book*  
Adams & Westlake Co., 319 W Ontario, Chicago, Ill.

Akron Metal Products Co., Akron, O.  
Allegheny Steel Co. (Journal Box Lids & Heavy Railroad Stampings), Farmers' Bank bldg., Pittsburgh, Pa.  
**AMERICAN CAN CO.**, 120 B'way, New York *See adv index at end of book*  
American Nut & Bolt Fastener Co., Ontario & Doerr, Pittsburgh, Pa.  
American Sheet Metal Stamping Corp'n, Lehigh av & Mutter, Phila., Pa.  
American Stamping & Enameling Co., Bellaire, Ohio  
American Stamping & Mfg. Co. (Small), Park bldg., Pittsburgh, Pa.  
Atlas Metal Parts Co., 998 15th, Milwaukee, Wis.  
**BOSSERT CORPORATION, THE**, Utica, N. Y. *See adv index at end of book*  
**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass. *See adv index at end of book*  
Bowen Mfg. Co., 357 Canal, Auburn, N. Y.  
Briscoe Mfg. Co., Detroit, Mich.  
Brunswick Mfg. Co. (Light Metal), Brunswick, Me.  
Canton Stamping & Enameling Co., Canton, O.  
Central Stamping Co., 174 Fulton, New York  
Chicago Die & Machine Works, 415 N Carpenter, Chicago, Ill.  
Cincinnati Stamping Co., 24 W McMicken av., Cincinnati, O.  
Cleveland Metal Products Co., Ivanhoe rd & N. Y. C. R. R., Cleveland, O.  
Cleveland Metal Stamping Co., Cleveland, Ohio  
Cleveland Pressed Steel Co., Havard av., Cleveland, O.  
Columbian Enameling & Stamping Co. (Enameled Ware), Terre Haute, Ind.  
**Dail Steel Products Co.**, Lansing, Mich.  
Dover Stamping & Mfg. Co., Cambridge, Mass.  
Eagle Stamping Co., 1400-1410 Niagara, Buffalo, N. Y.  
Erie Stamping & Mfg. Co., Erie, Pa.  
Federal Enameling & Stamping Co., McKees Rocks, Pa.  
**GEUDER, PAESCHKE & FREY CO.**, Milwaukee, Wis. *See adv index at end of book*  
Harry Bros. Mfg. Co., 282 Woodbridge, E, Detroit, Mich.  
Hunt & Dorman Mfg. Co., 1600 E 24th, Cleveland, O.  
Hydraulic Pressed Steel Co. (Steel), Cleveland, O.  
Ideal Tool & Specialty Co. (Light), 5211 Prospect av., Cleveland, O.  
John's Stamping & Machine Works Co., Leonard, Cleveland, O. *See adv index at end of book*  
Klopping A. C., 1678-80 Norwood av., Toledo, O. *See adv index at end of book*  
Konigsow Otto Mfg. Co., 3506 Perkins av., Cleveland, O.  
Lalanc & Grosjean Mfg. Co., 299 B'way, New York  
Lansing Stamping & Tool Co., Lansing, Mich.  
**McDowell Mfg. Co.**, Home Trust bldg., Pittsburgh, Pa.  
Mahoning Steel Products Co., Warren, O.  
Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.  
Michigan Stamping Co., Detroit, Mich.  
Milwaukee Stamping Co., West Allis, Wis.  
Morgan Spring Co. (Metal), Worcester, Mass.  
National Enameling & Stamping Co., 411 5th av., New York  
Niagara Falls Metal Stamping Works (Galvanized Work, etc.), Niagara Falls, N. Y.  
North & Judd Mfg. Co., New Britain, Conn.  
Parish Mfg. Co., Mt. Elliott & Trombley, Detroit, Mich.  
Parish & Bingham Co. (Cold Pressed Steel), Cleveland, O.  
Parker Chas. Co., Meriden, Conn.  
Peoria Can Co., Peoria, Ill.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213 W Grand av., Chicago, Ill. *See adv index at end of book*  
Republic Metalware Co., The, Buffalo, N. Y.  
Republic Stamping & Enameling Co., Canton, O.  
Rochester Stamping Co. (Tin & Hollow Ware), Rochester, N. Y.  
St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.  
Sayre Stamping Co., Sayre, Pa.  
Sessions J. H. & Son, Bristol, Conn.



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Stevens Mfg. Co., Dale av, Dayton, O.  
Troy Stamping Works, Troy, N. Y.  
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Worcester Pressed Steel Co., Worcester, Mass.

### 14125— \*Stamping & Drawing (Sheet Metal)

See also Stamping, Sheet Metal

Acklin Stamping Co., 1659 Dorr, Toledo, O.  
*See adv index at end of book*  
**AMERICAN CAN CO.**, 120 B'way, New York.  
*See adv index at end of book*  
**BOSSERT CORPORATION, THE**, Utica, N. Y.  
*See adv index at end of book*  
**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass.  
*See adv index at end of book*  
**DAHLSTROM METALLIC DOOR CO.** (Steel Stamping & Drawing), 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
**DEWES A. CO.**, 199 Lafayette, New York  
**GEM MFG. CO.**, Goebel nr Fulton M. S. Pittsburgh, Pa.  
*See adv index at end of book*

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**MATTHEWS MFG. CO.**, 104 Gold, Worcester, Mass. *See adv index at end of book*  
Metal Crafters, East Stroudsburg, Pa. *See adv index at end of book*  
**QUADRIGA MFG. & SPECIALTY CO.**, (Any Metal), 213 W Grand av, Chicago, Ill. *See adv index at end of book*  
Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*

### 14126—\*Stamps (Atmospheric)

**ALLIS-CHALMERS MFG. CO.** (Mine), Milwaukee, Wis.  
*See adv index at end of book*

### 14127—Stamps (Dating, Wheel)

American Stamp Mfg. Co., 85 John, New York  
Childs S. D. & Co., 136 S Clark, Chicago, Ill.

### 14128— \*Stamps (Gravity)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

### 14129—Stamps (Name, for Concrete)

Adjustable Name Stamp Co., Clinton, Wis.  
Arrowsmith Concrete Tool Co. (Also Stamping Outfits), Arrowsmith, Ill.  
Matthews Jas. H. & Co. (Brass), Pittsburgh, Pa.  
Schmidt Geo. T. (Sidewalk), 136 W Lake, Chicago, Ill.  
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

### Stamps (Numbering & Dating)

See Numbering Machines; also Dating Machines

### 14130— Stamps (Rubber)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.  
Allen, Doane & Co., 29 Cornhill, Boston, Mass.  
American Stamp Mfg. Co., 85 John, New York

Arnold's J. H. Sons, 49 Fulton, New York  
Ashbery Henry C., 285 Washington, Buffalo, N. Y.  
Banning W. E. Stamp & Stencil Works, Syracuse, N. Y.  
Barnard Stamp Co., St. Louis, Mo.  
Barton Mfg. Co., 87 Duane, New York  
Buck T. S. Mfg. Co., 535 B'way, New York  
Consolidated Stamp Mfg. Co. (Hand & Machine "Advance," "Quality"), 87 Maiden la, New York  
Cooke J. P. Co., Omaha, Neb.  
Diamond-Union Stamp Works, 175 Washington, Boston, Mass.  
Evans & Convery, 24 N 6th, Phila., Pa.  
Everett A. & Son, Auburn, N. Y.  
Everson & Reed Co., 88 Chambers, New York  
George Bros. Griffith Co., Lincoln, Neb.  
Hanson C. H. Co., 178 N Clark, Chicago, Ill.  
Holl Mfg. Co., 45 N Division, Buffalo, N. Y.  
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.  
Kautz Fred C. & Co., 2632 W Lake, Chicago, Ill.  
Koehler Henry L. Mfg. Co., Louisville, Ky.  
Leonhardt Louis, 111 Warren, New York  
Love Jos. V. & Co., Galveston, Tex.  
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Mayer Geo. J. & Co., Indianapolis, Ind.  
Meyer & Wenhe 108 N Dearborn, Chicago, Ill.

Moise-Klinkner Co. (Red Rubber), 1212 Market, San Francisco, Cal.  
Moss Henry & Co., 37 Beaver, New York  
Mulhaupt F. Jos., Lafayette, Ind.  
Murdock W. Jas Co., 116 Opera pl, Cincinnati, O.  
Ness Geo. M. Jr., 61 Fulton, New York  
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*  
Northwestern Stamp Wks., 110 E 3d, St. Paul, Minn.  
Oram Jas. C. & Co., 100 W South Water, Chicago, Ill.  
Salt Lake Stamp Co., Salt Lake City, Utah  
Smith R. H. Mfg. Co., Springfield, Mass.  
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.  
Spokane Stamp Works, Spokane, Wash.  
Stewart R. A. & Co., 201 Broadway, New York  
Swisher H. D. Mfg. Co., 413 S Clinton, Chicago, Ill.  
Taylor Bros Co., 706 Superior av, N. W., Cleveland, O.  
Troy Rubber Stamp Works, Troy, N. Y.  
Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.  
Weber-Erickson-Bunting Co., 221 Diamond, Pittsburgh, Pa.  
Western Stamp & Stencil Co., Omaha, Nebr.  
Wright Greg G. & Son, 119 Opera pl, Cincinnati, O.

### 14131—Stamps (Self-Inking)

Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.  
Melind Louis Co., 183 W Madison, Chicago, Ill.  
New York Stencil Works, 100 Nassau, New York  
Smith R. H. Mfg. Co., Springfield, Mass.

### Stamps, Shoes & Dies

See Shoes & Dies, Stamp Mill

### 14132— \*Stamps (Steam)

**ALLIS-CHALMERS MFG. CO.** ("Tre-main"), Milwaukee, Wis.  
*See adv index at end of book*

### 14133— Stamps (Steel)

Arnold's J. H. Sons, 47 Fulton, New York  
Brunner & Lay, 570 W Polk, Chicago, Ill.  
Butler A. G., 253 Broadway, New York  
Carragan & Tilson, 88 Chambers, New York  
Chandler Co., Springfield, Mass.  
Cleveland Steel Stamp Works, Cleveland, O.  
Cooke J. P. Co., Omaha, Neb.  
Cunningham M. E. Co. (For Letters & Figures for Making Tools, etc), 625 Smithfield, Pittsburgh, Pa.  
Detroit Rubber Stamp Co., 90 Griswold, Detroit, Mich.  
Evans & Convery, 24 N 6th, Phila., Pa.

Everett A. & Son, Auburn, N. Y.  
Gibson A. C. Co. Buffalo, N. Y.  
Gowanda Agricultural Works ("Cutler's"), Gowanda, N. Y.  
Hanson C. H. Co., 178 N Clark, Chicago, Ill.  
Haynes & Co., 75 Westminster, Providence, R. I.  
Johnson D. E. Co. (Fine), 140 William, New York  
Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.  
Keene Fred H. (Hand Cut), 149 Church, New York  
Kersting J. H., 75 Fulton, New York  
Knight H. W. & Son (Name Stamp, etc), Seneca, Falls, N. Y.  
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
Mayer Geo. J. & Co., Indianapolis, Ind.  
Meyer & Wenhe, 108 N Dearborn, Chicago, Ill.  
Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
Mulhaupt F. Jos. Lafayette, Ind.  
Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.  
Ness Geo. M. Jr., 61 Fulton, New York  
Niagara Falls Metal Stamping Works (Letters & Figures), Niagara Falls, N. Y.  
Noble & Westerbrook Mfg. Co., Hartford, Conn. *See adv index at end of book*

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Utermohle G. A. & Co., 133 Cheapside, Baltimore, Md.  
Western Stamp & Stencil Co., Omaha, Nebr.  
Wright Greg. G. & Son, 119 Opera pl, Cincinnati, O.

### 14134— Stamps (Steel Log)

Adams S. G. Stamp & Seal Co., 412 N 6th, St. Louis, Mo.  
Gibson A. C. Co., Buffalo, N. Y.  
Hanson C. H. Co., 178 N Clark, Chicago, Ill.  
Matthews Jas. H. & Co., 3942 Forbes, Pittsburgh, Pa.  
Mayer Geo. J. & Co., Indianapolis, Ind.  
Moise-Klinkner Co., 1212 Market, San Francisco, Cal.  
Northwestern Stamp Works, 110 E 3d, St. Paul, Minn.  
Oshkosh Mfg. Co., Oshkosh, Wis.  
Sackmann F. A., 810 Prospect, S E, Cleveland, O.  
Schwerdtle Stamp Co., 43 Cannon, Bridgeport, Conn. *See adv index at end of book*  
Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.



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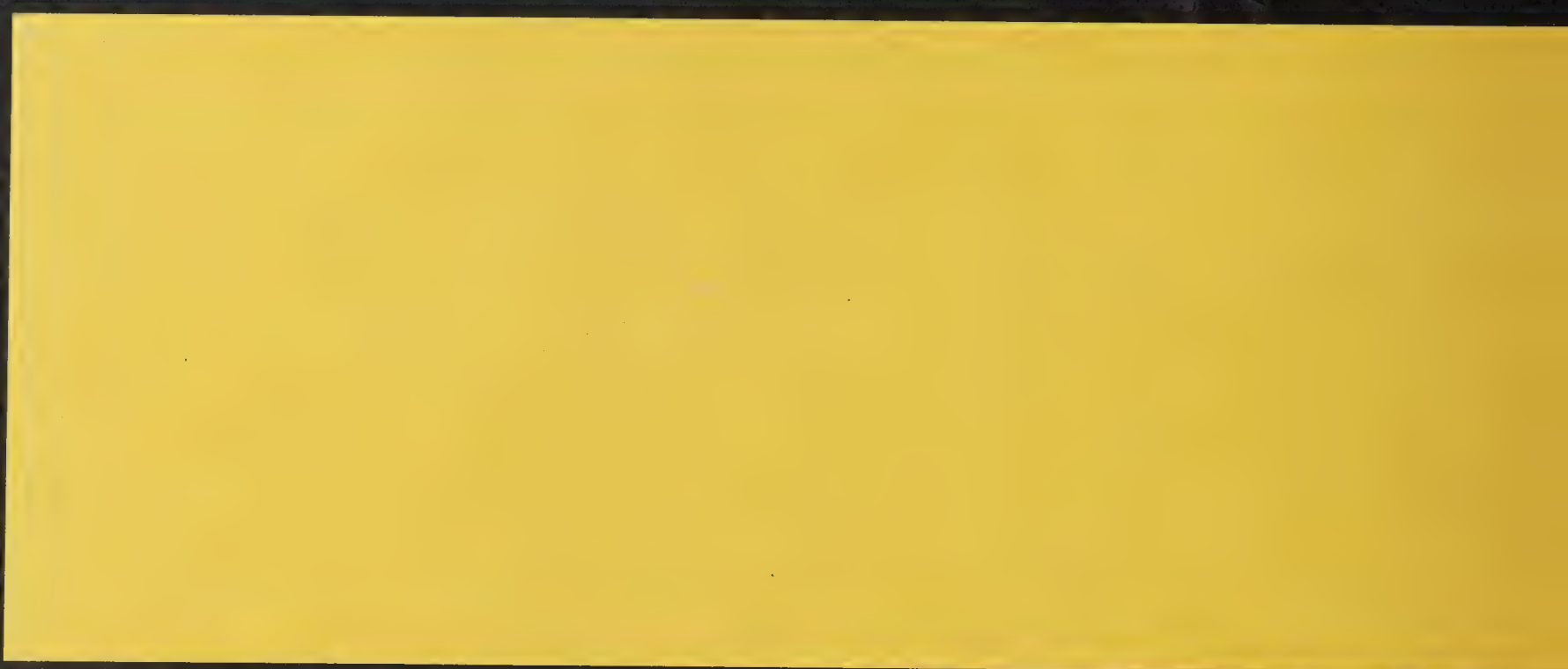
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Baird Equip. Co., 334 W Ohio, Chicago, Ill.  
Betts & Betts Corp. ("Betts"), 513 W 42d, New York

Commercial Utilities Mfg. Co., 521 W 26th, New York

Ellis Time Stamp Co., 229 W Illinois, Chicago, Ill.

Follett Time Recording Co., 29 Murray, New York

Hoggson S. H. & Co. ("Hoggson" Pocket), 17 Thomas, New York

International Time Recording Co. of N. Y. ("Standard" Automatic), Endicott, N. Y.

Joslin A. D. Mfg. Co. ("Joslin," "Cosmo"), 223 W Erie, Chicago, Ill.

Kastens Henry (Time Dating), 418 W 27th, New York

Magneta Co. (Elec.), 58 W 15th, New York  
Smith R. H. Mfg. Co. (Air Cushion), Springfield, Mass.

Sohm Electric Co. ("Sohm System" for Recording Receipt & Delivery of Goods, etc), 141 W Austin av, Chicago, Ill.

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

Stromberg Electric Co., 606 S Michigan av, Chicago, Ill.

**TIME REGISTER REPAIR & SUPPLY CO.**, Gardner, Mass.

*See adv index at end of book*

Yaxley Mfg. Co. ("Monarch"), 110r W Monroe, Chicago, Ill.

**Stamps & Dies (Sheet Metal)**

*See Dies, Stamping*

**14136—Stamps & Dies (Steel)**

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.

American Sheet Metal Stamping Corp., Lehigh av & Mutter, Phila., Pa.

Cleveland Steel Stamp Works, Cleveland, Ohio

**GEUDER, PAESCHKE & FREY CO.**, Milwaukee, Wis. *See adv index at end of book*

Gibson A. C. Co., Buffalo, N. Y.

Grammes L. F. & Sons, Allentown, Pa.

Hoggson & Pettit Mfg. Co., New Haven, Conn.

Matthews Jas H. & Co., 3942 Forbes, Pittsburgh, Pa.

Perkins Machine Co., Warren, Mass.

Richard Mfg. Co., Bloomsburg, Pa.

Schoder & Lombard Engraving Co., 261 Canal, New York

Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

Worcester Pressed Steel Co., Worcester, Mass.

Worcester Stamped Metal Co. (Dies), 9 Hunt, Worcester, Mass.

**14137— Stanchions (Cattle)**

Acme Harvesting Machine Co. ("Acme"), Peoria, Ill.

Automatic Carrier Co. ("A. C. Co."), Juneau, Wis.

Boyle Jas. ("Taylor" Steel), Salem, O.

Bryan Mfg. Co. ("Champion"), P. O. Box D, Bryan, O.

Crumb W. B. ("Warriner" Chain Hanging), Forestville, Conn.

Drew Carrier Co., Waterloo, Wis.

Foster Steel Stanchion Co. ("Cow Comfort"), Rochester, N. Y.

Gehl Bros. Mfg. Co. ("Badger" Steel), West Bend, Wis.

Harris Mfg. Co., Salem, O.

Hunt, Helm, Ferris & Co. ("Star" Swing), Harvard, Ill.

James Mfg. Co., Fort Atkinson, Wis.

Kalamazoo Tank & Silo Co., Kalamazoo, Mich.

Libby C. A. Co., Oshkosh, Wis.

Louden Machinery Co., Fairfield, Ia.

Milwaukee Hay Tool Co. ("Milwaukee"), Layton Park, Milwaukee, Wis.

Mitchell Mfg. Co., Milwaukee, Wis.

Mullins Mfg. Co., Brillion, Wis.

Olson Mfg. Co. ("Common Sense"), Albert Lea, Minn.

Porter J. E. Co., Ottawa, Ill.

Quick & Thomas Co. ("Q & T"), Auburn, N. Y.

Rassmann F. Mfg. Co. ("Simplex"), Beaver Dam, Wis.

Ricker Mfg. Co. ("Rochester" Wood Lined Steel), Rochester, N. Y.

Strickler Hay Tool Co., Janesville, Wis.

Swift Stanley C. Mfg. Co. ("Perfection"), Cuba, N. Y.

Wasson Stanchion Co., Cuba, N. Y.

West Bend Barn Equipment Co., West Bend, Wis.

Wilder-Strong Implement Co., Monroe, Mich.

Wisconsin Foundry & Machine Co., Madison, Wis.

Wisconsin Stable Equipment Co., Oconomowoc, Wis.

**14138— Stand Pipe Gauge**

Borgardus-Nelson Co., Marshalltown, Ia.

**14139— Stand Pipes**

American Bridge Co., 30 Church, New York

Baltimore Cooperage Co. (Wood), Hanover & Creek, Baltimore, Md.

Buckeye Boiler Co., Dayton, O.

Casey-Hedges Co., Chattanooga, Tenn.

Chattanooga Boiler & Tank Co., Chattanooga, Tenn.

**CHICAGO BRIDGE & IRON WORKS**, (Steel), 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*

Coatesville Boiler Works, Coatesville, Pa.

Cole R. D. Mfg. Co., Newnan, Ga.

Columbiana Boiler Co., Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

Works: Bridgeton, N. J.

Conran Standpipe Co., 305 Pearl, New York

**DOVER BOILER WORKS**, Sales Office, 50 Church, New York

*See adv index at end of book*

Drake-Williams Mount Co., Omaha, Neb.

Fairbanks, Morse & Co. (Railroad, "Sheffield"), 900 S Wabash av, Chicago, Ill.

Freeman Mfg. Co., Dept. O, Racine, Wis.

Graver Wm. Tank Works, East Chicago, Ind.

Hammond Iron Works, Warren, Pa.

*See adv index at end of book*

**HANKE IRON & WIRE WORKS** (With Ice-Proof Steps & Balconies), 800 N Albany av, Chicago, Ill.

*See adv index at end of book*

Hartley Boiler Works, Montgomery, Ala.

Hodge Boiler Works, 99 Sumner, East Boston, Mass.

Ironton Punch & Shear Co., Ironton, O.

Kennicott Co., Chicago Heights, Ill.

Knox Pressed & Welded Steel Co., Pittsburgh, Pa.

Koven L. O. & Bro, 154 Ogden av, Jersey City, N. J.

Landon E. R. (With Ice-Proof Steps & Balconies), 166 N May, Chicago, Ill.

Leslie Elliott & Co., Paterson, N. J.

Logan Iron Works, 54 Commercial, Brooklyn, N. Y.

Lombard Iron Works & Supply Co., Augusta, Ga.

Lookout Boiler Mfg. Co., Chattanooga, Tenn.

McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.

McNeil Boiler Co., Akron, O.

McNeil James & Bro. Co., Pittsburgh, Pa.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.

*See adv index at end of book*

Manitowoc Engineering Works Manitowoc, Wis.

Meehan Boiler & Construction Co., Lowellville, O.

Meyers Fred. J. Mfg. Co., Hamilton, O.

*See adv index at end of book*

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

Munroe R. & Sons Mfg. Corporation, 23d & Smallman, Pittsburgh, Pa.

Muskegon Boiler Works, Muskegon, Mich.

Nashville Bridge Co., Nashville, Tenn.

New England Iron Works Co., Summer, Boston, Mass.

New England Pressed Steel Co., Natick, Mass.

Petroleum Iron Works Co., Sharon, Pa.

Petty J. K. & Co. (Lebanon Boiler Works), Lebanon, Pa.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

Portland Co., Portland, Me.

Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

Reeves Bros. Co., Alliance, O.

Ritter-Conley Co., Pittsburgh, Pa.

Rock Island Bridge & Iron Works, Rock Island, Ill.

Rodgers Boiler & Burner Co., Muskegon, Mich.

Schaefer Mfg. Co., Birmingham, Ala.

Schofield's J. S. Sons Co., Macon, Ga.

Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.

Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

*See adv index at end of book*

Sotter Bros., Pottstown, Pa.

Struthers-Wells Co., Warren, Pa.

*See adv index at end of book*

Tippett & Wood, Phillipsburg, N. J.

Totte Boiler & Sheet Iron Works, Houston, Texas

Tomahawk Steel & Iron Works, Tomahawk, Wis.

Topeka Steam Boiler Works, Topeka, Kan.

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Twin City Boiler & Sheet Iron Works, Bristol, Va.

U. S. Wind Engine & Pump Co., Batavia, Ill.

Virginia Bridge & Iron Co., Roanoke, Va.

Walsh & Weldner Boiler Co., Chattanooga, Tenn.

Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.

Warren City Tank & Boiler Co., Warren, Ohio

Wickes Boiler Co., Saginaw, Mich.

Wilson Steam Boiler Co., Omaha, Neb.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

**14140—Stand Pipes (Locomotive)**

Sheffield Car Co., Three Rivers, Mich.

**14140a—Stand Pipes (Reinforced Concrete)**

Heine Chimney Company (The), 123 W Madison, Chicago, Ill.

**14141—Stands (Adding Machine & Typewriter)**

Adjustable Table Co. (Adjustable), Grand Rapids, Mich.

Fowler-Manson-Sherman Cycle Mfg. Co. ("Ideal" Tubular), 1447 Austin av, Chicago, Ill.

Standard Cabinet Mfg. Co. (Swinging, also Tables), Peru, Ind.

Toledo Metal Furniture Co. ("Uhl" Steel), Toledo, O.

Welty Wm. A. (Revolving), Waterloo, Ia.

**14142—Stands (Annealing Box)**

Columbiana Boiler Co., Columbiana, O.

Leetonia Boiler Co., Leetonia, O.

Pittsburgh Annealing Box Co., 829 Beaver, Pittsburgh, Pa.

**14143—Stands (Armature Winding)**

Columbia Machine Works & Malleable Iron Co. ("Columbia"), Atlantic av & Chestnut, Brooklyn, N. Y.

Ridlon Frank Co., 261 Franklin, Boston, Mass.

**14144—Stands (Automatic Ground Throw)**

Easton Car & Construction Co., 4th, Easton, Pa.

Morden Frog & Crossing Works (For Railroads), 208 S La Salle, Chicago, Ill.

Wharton Wm. Jr. & Co., Inc., Easton, Pa.

**14145— Stands (Belt)**

Canton Foundry & Machine Co. ("Universal" for Keeping Belting), Canton, Ohio.

**14146-7— Stands (Bicycle)**

Burgess Machine Co., New Haven, Conn.

**MYERS F. E. & BRO.** ("Myers"), 800 Orange, Ashland, O.

*See adv index at end of book*

New York Nickel Plating & Mfg. Co. ("Esmond"), 327 E 63d, New York

Plocher Andrew Sons Co., Dayton, O.



**14148— Stands (Calendar)**

Kimpton Ed. Co., 60 John, New York  
Wrightsville Hardware Co., Wrightsville, Pa.

**14149— \*Stands (Coil)**

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

**14150— Stands (Display)**

Berger Specialty Mfg. Co. (Lavatory, Closet, etc), Richmond, Va.  
Gemco Mfg Co. (Tire), Milwaukee, Wis.  
Haeusermann Metal Mfg. Co., 1100 Brook av, New York  
Metal Barrel Co. (Vegetable), Galesburg, Ill.  
Newman Mfg. Co. (Metal), 717 Sycamore, Cincinnati, O., & 68 W Washington, Chicago, Ill. *See adv index at end of book*  
Norwich Wire Works, Norwich, N. Y.

**14151— \*Stands (Indicator)**

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*

**Stands (Ironing)**

*See Tables, Ironing*

**14152—\*Stands (Micrometer)**

**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**14153—Stands (Mule Pulley)**

Bond Foundry & Machine Co., Manheim, Pa.  
Caldwell H. W. & Son Co. (Adjustable), Western av & 17th, Chicago, Ill.  
Dodge Sales & Engineering Co., Mishawaka, Ind.  
Grammes L. F. & Sons, Allentown, Pa.  
Hill Clutch Co., 1000 W 58th, Cleveland, O.  
Hunter Jas. Machine Co. North Adams, Mass.  
Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
Poole Engineering & Machine Co., Woodberry sta, Baltimore, Md.  
Webster Mfg. Co., Tiffin, O.  
Wolf Co., Chambersburg, Pa.  
Wood's T. B. Sons Co., Chambersburg, Pa.

**14154— Stands (Music)**

Cushman H. T. Mfg. Co., North Bennington, Vt.  
Lawrence Stamping Co., Toledo, O.  
Metal Stamping Corp. (Also Horn Stands), Streator, Ill.

**14155— Stands (Pipe Vise)**

Strand Heater & Mfg. Co. ("Smiths" Folding), 7804 Wade pk, Cleveland, O.

**14156— Stands (Price Card)**

Grammes L. F. & Sons, Allentown, Pa.  
Timberlake J. B. & Sons (Wire), Jackson, Mich.

**14156a— \*Stands (Pump)**

**MYERS F. E. & BRO.** ("Myers," "Ashland," "Defiance," & "Faultless" Cog Gear), 800 Orange, Ashland, O.  
*See adv index at end of book*

**14157— Stands (Sad Iron)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Fanner Mfg. Co. ("Arctic"), Cleveland, Ohio  
Gray Iron Foundry Co., Reading, Pa.  
Grey Iron Casting Co., Mt. Joy, Pa.  
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.  
Loetscher-Ryan Mfg. Co., Dubuque, Ia.  
Parker Wire Goods Co. (Wire), Worcester, Mass.  
Reading Saddle & Mfg. Co. ("Reading"), Reading, Pa.  
Sager Lock Co., No. Chicago, Ill.  
Stover Mfg. Co., Freeport, Ill.

U. S. Lock & Hardware Co., Columbia, Pa.  
Woods Sherwood Co. (Wire), Worcester, Mass.  
Wrightville Hardware Co., Wrightville, Pa.

**14158— Stands (Show Case)**

Reflector & Hardware Specialty Mfg. Co. (Cast Iron), 2235 S Western av, Chicago, Ill.

**14159— Stands (Toilet)**

Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
National Enameling & Stamping Co., 411 5th av, New York

**Stands (Typewriter)**

*See Stands, Adding Machine & Typewriter*

**14160— Stands (Umbrella)**

Baker J. R. & Sons Co., Kendallville, Ind.  
Benedict Mfg. Co. (Hammered Copper Jars), East Syracuse, N. Y.  
Central Stamping Co. (Cylinder), 174 Fulton, New York  
Clark W. J. Co., Salem, O.  
Derby Desk Co. (Wood), Somerville, Mass.  
Detroit Rack Co., 123 Monroe av, Detroit, Mich.  
Erie Art Metal Co., Erie, Pa.  
Farber S. W. (Brass & Copper), 147 S 5th, Brooklyn, N. Y.  
Ideal Desk Co., Auburn, Me.  
Lalance & Grosjean Mfg. Co., 299 B'way, New York  
National Enameling & Stamping Co., 411 5th av, New York  
Ray Geo. A. Mfg. Co. (Old Brass Finish, etc), Buffalo, N. Y.  
Smith John P. & Co., New Haven, Conn.

**14161—Stands (Water Cooler)**

Andrews A. F. Co. (Metal), 115 S Wabash av, Chicago, Ill.  
Central Stamping Co. ("Puritan"), 172 Fulton, New York  
National Enameling & Stamping Co., 411 5th av, New York  
Superior Sheet Metal Works, 3201 Roosevelt av, Indianapolis, Ind.

**14162—Stands (Wrench Display)**

Mossberg Frank Co. ("Mossberg"), Attleboro, Mass.

**14163— Staple Mfrs.**

**AMERICAN STEEL & WIRE CO.** (Fence, Poultry Netting, etc), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Atlas Tack Co., Fairhaven, Mass.  
Brewer Bros. Co. (Bar, Bolt, Bow, Latch Mirror or Plate & Round), 614 Filbert, Phila., Pa.

Cambria Steel Co. (Poultry Netting, Fence, etc.), Widener bldg, Phila., Pa.  
Campbell Wire Specialty Works, South Bend, Ind.

Cleveland Tack Works, 1303 E 49th, Cleveland, O.

Clough, Rockwell Co. (Wire), Alton, N. H.  
Cobb & Drew, Plymouth, Mass.

Colorado Fuel & Iron Co. (Wire), Denver, Colo.  
Crawfordsville Wire & Nail Co. (Fence), Crawfordsville, Ind.

Grand Crossing Tack Co. (Wire), S Chicago av & E 79th, Chicago, Ill.

Gulf States Steel Co. (Wire Fence, Poultry Netting), Birmingham, Ala.  
Hager C. & Sons Hinge Mfg. Co. (Wrought Steel Japanned Open & Closed Bar & Wagon Bow), St. Louis, Mo.

Holland Mfg. Co. (Steel Spring, Barbed Blind, Hoop & Light Clamp, Poultry Netting, Butter Tub or Clamp, Basket Handle Speaking Tube & Pope, etc), Central av & Bank, Baltimore, Md.

Humason & Beckley Mfg. Co. (Wrought), New Britain, Conn.

Igoe Bros. (Fence & Poultry Netting), 69 Metropolitan av, Brooklyn, New York

Kelly Nail & Iron Co. (Wire), Ironton, O.  
Kokomo Steel & Wire Co. (Fence, etc), Kokomo, Ind.

Lawrence Bros. (Hasp), Sterling, Ill.  
McKinney Mfg. Co. (Wrought), N S, Pittsburgh, Pa.

Milwaukee Tack Co. (Hoop, Clamp, Poultry Cloth, etc), 27th & Wahl av, Milwaukee, Wis.

Morgan Spring Co. (Wire), Worcester, Mass.

National Mfg. Co. (Wrought Steel Hasp, etc), Sterling, Ill.

Norton Iron Works (Polished & Galvanized Wire), Ashland, Ky.

Oliver Iron & Steel Co. (Hame), S 10th & Muriel, Pittsburgh, Pa.

Parker Wire Goods Co. (Wire), Worcester, Mass.

Pickering Ridgway S. (Hoop Staples), Sharon Hill, Pa.

Pittsburgh Steel Co. (Wire Fence & Poultry Netting), 5th av & Grant, Pittsburgh, Pa.

Plymouth Mills, Plymouth, Mass.

Pratt Wm. E. Mfg. Co. (Barbed, Blind, Netting, Red Spring), 35 W Lake, Chicago, Ill.

Richards-Wilcox Mfg. Co. (Whole & Half Bar), Aurora, Ill.

Russell, Burdall & Ward Bolt & Nut Co. (Part Broom, Barbed Blind, Bed Spring, etc), Port Chester, N. Y.

Sargent & Co., New Haven, Conn.

Standard Rivet Co. (For Box Loops, Harness, Fly Nets, Shoes, etc), 41 Lincoln, Boston, Mass.

Stanley George W. Co. (Barbed, Blind & Hoops), Belleville, Ill.

**STANLEY WORKS** (Wrought), New Britain, Conn.  
*See adv index at end of book*

Superior Tack & Nail Co. (Coppered Basket Handle Hoop, Galvanized Poultry Netting, etc), Derby, Conn.

Titchener E. H. & Co. (Blind, etc), Binghamton, N. Y.

Tower Mfg. Co. (Wire Clamp Electricians, Broom, Hoop, Harness, etc), Commerce & Elm, Cincinnati, O.

Townsend G. G. (Barrel & Keg Hoop), Winchendon, Mass.

U. S. Hame Co. (Harness or Hame), Buffalo, N. Y.

Wickwire Bros. (Wire), Cortland, N. Y.

Wilcox, Crittenden & Co. (Wrought Iron), Middletown, Conn.

Williamsport Staple Co., Williamsport, Pa.

Wire Goods Co. (Wrought Steel, Steel Wire, Tinned & Galvanized), Worcester, Mass.

**WRIGHT WIRE CO.** (Wire of all Kinds), Worcester, Mass.  
*See adv index at end of book*

Youngstown Sheet & Tube Co. (Wire, Bright Fence, etc), Youngstown, O.

**14164— Staples (Bar)**

Wagner Mfg. Co. ("Wagner"), Cedar Falls, Ia.

**14165—Staples (Bottle Wrapper)**

Grammes L. F. & Sons, Allentown, Pa.  
Oshkosh Bottle Wrapper Co., Oshkosh, Wis.

**14166— Staples (Evener)**

American Logging Tool Co., Evart, Mich.

**14167— Staples (Fence)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Atlas Tack Co., Fairhaven, Mass.

Belfont Iron Works Co. (Galvanized & Polished), Ironton, Ohio

Cambria Steel Co., Widener bldg, Phila., Pa.

Cobb & Drew, Plymouth, Mass.

Crawfordsville Wire & Nail Co., Crawfordsville, Ind.

Gulf States Steel Co., Birmingham, Ala.

Igoe Bros., 69 Metropolitan av, Brooklyn, N. Y., & Newark, N. J.

Indiana Steel & Wire Co. (& Poultry Netting), Muncie, Ind.

Janesville Barb Wire Co., Janesville, Wis.

Jones & Laughlin Steel Co. (Wire Fence), Ross, Pittsburgh, Pa.

**Keystone Steel & Wire Co.** ("Keystone"), Peoria, Ill.

Kokomo Steel & Wire Co., Kokomo, Ind.

Morgan Spring Co., Worcester, Mass.

Morgan Steel & Wire Co., Kokomo, Ind.



Norton Iron Works, Ashland, Ky.  
 Parker Wire Goods Co., Worcester, Mass.  
 Pittsburgh Steel Co., 5th av & Grant,  
 Pittsburgh, Pa.  
 Wickwire Bros., Cortland, N. Y.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*  
 Youngstown Sheet & Tube Co., Youngs-  
 town, O.

### Staples (Hame)

See Clips, Hame

### 14168—Staples (Insulated)

Blake Signal & Mfg. Co. ("Blake"), 251  
 Causeway, Boston, Mass.  
 Commercial Electrical Supply Co., 15th &  
 Pine, St. Louis, Mo.  
 Cross W. W. & Co., Brockton, Mass.  
 Goldmark Jas. Co. ("Cross"), 81 Warren,  
 New York  
 Stanley Geo. W. Co., Belleville, Ill.

### 14169—Staples (Nuttet)

Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*  
 Harvey Spring & Forging Co., Racine, Wis.  
 Kansas City Bolt & Nut Co., Kansas City,  
 Mo.  
 Lamson & Session Co., Cleveland, O.  
 Oliver Iron & Steel Co., S 10th & Muriel,  
 Pittsburgh, Pa.  
 Reno Mfg. Co., Erie, Pa.  
 Russell, Burdall & Ward Bolt & Nut Co.,  
 Port Chester, N. Y.  
 Upson Nut Co., Cleveland, O.

### 14170—Staples (Pail & Bucket Handle)

Merritt F. M. ("Merritt" Needle Pointed),  
 Penn Yan, N. Y.

### 14171—Staples (Poultry Netting)

Belfont Iron Works Co., Ironton, O.  
 Clinton Wire Cloth Co., Clinton, Mass.  
 Gilbert & Bennett Mfg. Co., Georgetown,  
 Conn.  
 Morgan Spring Co., Worcester, Mass.  
 Stanley Geo. W. Co., Belleville, Ill.  
 Youngstown Sheet & Tube Co., Youngs-  
 town, O.

### 14172—Staples (Stop)

National Sheet Metal Co., Peru, Ill.

### 14173—Staples (Wagon Box)

Burgess & Norton Mfg. Co., Geneva, Ill.  
 Harvey Spring & Forging Co. (Rivet &  
 Clinch), Racine, Wis.

### 14174—Starch Mfrs.

American Maize-Products Co. (Pearl), 135  
 William, New York  
 Arabol Mfg. Co. (Blenders), 100 William,  
 New York  
 Arnold, Hoffman & Co. (Commercial), 55  
 Canal, Providence, R. I.  
 Aroostock Produce Co., Houlton, Me.  
 Aroostock Valley Starch Co., Fort Fair-  
 field, Me.  
 Atlantic Starch Works, Westport, Conn.  
 Barker H. & Co., Chamber of Commerce,  
 Boston, Mass.  
 Barnett Wm. & Sons, 730 S Broad, Phila.,  
 Pa.  
 Bloede Victor G. Co., Caton av, Balti-  
 more, Md.  
 Boley C. H. Co. ("Aamcolose"), 3722 N  
 Randolph, Phila., Pa.  
 Cambridge Starch Co., Cambridge, Minn.  
 Celluloid Starch Co., 461 4th av, New  
 York  
 Corn Products Refining Co. ("Globe," "C.  
 P. Special," "Erckenbrechers," "Tri-  
 angle," "Modified Eureka," "Com-  
 plete," "Flexible" & "Argo" Laundry),  
 17 Battery pl, New York  
 Crystal Springs Paste Co., 70 Kilby, Bos-  
 ton, Mass.  
 Defiance Starch Co. (Cold Water), Omaha,  
 Neb.  
 Douglas Co., Cedar Rapids, Ia.  
 Eddy & Eddy (Corn), Main & Market, St.  
 Louis, Mo.  
 Electric Lustre Starch Co., 26 Central,  
 Boston, Mass.  
 Faultless Starch Co., 1025 W 8th, Kansas  
 City, Mo.

Ford J. B. Co., Wyandotte, Mich.  
 Frost & Cundill, Inc. (Imp for Textile  
 Trade), 60 Wall, New York  
 Hayward G. B., Ashland, Me.  
 Hoyt Arthur S Co., 90 W B'way, New York  
 Hubinger J. C. Bros. Co. (Elastic), New  
 Haven, Conn.  
 Huron Milling Co., Harbor Beach, Mich.  
 Industrial Starch Co., 185 Devonshire,  
 Boston, Mass.  
 Keever Starch Co., Chamber of Commerce  
 bldg, Columbus, O.  
 Kohnstamm H. & Co., 87 Park pl, New  
 York  
 Lewis John D. (Potato), 8 Exchange pl,  
 Providence, R. I.  
 Leyland Thos. & Co. (Imported Soluble  
 Starch, etc), Readville, Boston, Mass.  
 Ludwig L. O., Cary, Me.  
 Lundy John, Fort Fairfield, Me.  
 Martin Jos. & Sons, Van Buren, Me.  
 Minnesota Potato Starch Co., Anoka,  
 Minn.  
 Monroe County Chemical Co. (Corn), Fair-  
 port, N. Y.  
 Moseley-Horne Co., Keokuk, Ia.  
 National Gum & Mica Co., 59th & 11th av,  
 New York  
 National Starch Co., 17 Battery pl, New  
 York  
 Noyes Chas. E., Limestone, Me.  
 Phair C. F. A., Presque Isle, Me.  
 Phair Thos. H., Presque Isle, Me.  
 Piel Bros. Starch Co., Indianapolis, Ind.  
 Piper & Clark, Sherman Mills, Me.  
 Pritchard T. G. Co. (Corn), 103 Grant,  
 Baltimore, Md.  
 Rees Wm. R., Mars Hill, Me.  
 Royal Chemical Co., Phoenix, R. I.  
 St. Agatha Starch Co., St. Agatha, Me.  
 Seccomb-Keheew-Bradley Co. (Potato), 24  
 Purchase, Boston, Mass.  
 Speare's Alden Sons Co. (Wheat & Corn),  
 Cambridge, Mass.  
 Staley A. E. Mfg. Co. (Corn), 441 North,  
 Baltimore, Md.  
 Stein, Hirsh & Co. (Corn, Wheat & Potato),  
 111 W Washington, Chicago, Ill.  
 Tanner Chas. S. Co., 250 S Water, Provi-  
 dence, R. I.  
 Union Starch & Refining Co., Edinburg,  
 Ind.  
 Watson John, Houlton, Me.  
 Waupaca Starch Co., Waupaca, Wis.  
 Wing Wing Gloss Co., 154 Maiden la,  
 New York

### 14175—Stars (Iron)

Barnett Oscar Foundry Co. (For Rumb-  
 ling), Irvington, N. J.  
 Cleveland Nickel Works (Hard), Clevel-  
 and, O.  
 Fanner Mfg. Co. (Hard for Cleaning Cast-  
 ings), Brookside pk, Cleveland, O.  
 Flagg Stanley G. & Co. (For Tumbling),  
 Morris bldg, Phila., Pa.  
 National Malleable Castings Co. (Hard),  
 Cleveland, O.  
 Ohio Malleable Iron Co. (Hard Iron Stars  
 for Tumbling Mills), 961 N Fourth,  
 Columbus, O.  
 Osborn Mfg. Co. (Hard Iron for Rum-  
 bling), 5405 E Hamilton, Cleveland, O.  
 Pratt Wm. E. Mfg. Co. (Hard), 35 W Lake,  
 Chicago, Ill.  
 Sly W. W. Mfg. Co., 4723 Train av, Clevel-  
 and, O.

### 14175a—\*Stars (Milling)

DOPP J. W. & CO. (Dealers), 1420 Dime  
 Bk bldg, Detroit, Mich.

### 14176—\*Starters (Fire Pump)

CUTLER-HAMMER MFG. CO. (Electric),  
 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

### 14177—Stationers' Rubber Sundries

American Hard Rubber Co. (Hard Rub-  
 ber, 9 Mercer, New York  
 Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence,  
 R. I.  
 Goodrich B. F. Co., Akron, O.  
 Hodgman Rubber Co., 8 W 40th, New  
 York  
 Mechanical Rubber Co., Cleveland, O.  
 Miller Rubber Co., Akron, O.  
 Parker, Stearns & Co., 286 Sheffield av,  
 Brooklyn, N. Y.  
 Seamless Rubber Co., New Haven, Conn.  
 Tyer Rubber Co., Andover, Mass.

### 14178—Stationers' Specialities

See also Specific Article Required

Adams Mfg. Co. (Blotter Baths), 2230  
 Market, Phila., Pa.  
 Boorum & Pease Co. (Desk Pads), 109  
 Leonard, New York  
 Brown Patents Co. (Note Books), Peters-  
 burg, Va.  
 Chicago Mirror & Art Glass Co. ("Chi-  
 cago" Glass Desk Pad), 216 N Clinton,  
 Chicago, Ill.  
 Clarke & Baker Co. (Index Cards, Metal-  
 lic), 316 B'way, New York  
 Cushman & Denison Mfg. Co. ("Capitol"  
 Ink Stands & Other Specialities), 240  
 W 23d, New York  
 Detroit Coin Wrapper Co., Detroit, Mich.  
 du PONT E. I. de NEMOURS CO. (The  
 Arlington Works), 725-27 Broadway,  
 New York  
 Farnham Printing & Stationery Co. (Desk  
 Ticklers & Other Specialities), 806  
 Lumber Exchange, Minneapolis, Minn.  
 Foley John F. (Pencil Tips), Attleboro,  
 Mass.  
 Fox Geo. E. Co. (Glass Desk Pads & Blot-  
 ter, Pads), 54 W Kinzie, Chicago, Ill.  
 General Eclipse Co. ("Eclipse" Pneumatic  
 Ink Wells), Danielson, Conn.  
 Globe-Wernicke Co., 25 Carthage av, Cin-  
 cinnati, O.  
 Grammes L. F. & Sons (Paper Clips,  
 Clamps, Pencil Holders, Brass Fast-  
 eners, Board Clips, etc), Allentown,  
 Pa.  
 Hoffman L. (Desk Pads), 18 Spruce, New  
 York  
 Ideal Specialties Mfg. Corp. ("Calenders,"  
 "Up-to-Date"), 552 Pearl, New York  
 Kimpton Edw. Co., 69 John, New York  
 Modern Mfg. Co. (Book Corner Protec-  
 tors), 543 N Lawrence, Phila., Pa.  
 Polar Mfg. Co. 101 No Marshall, Phila., Pa.  
 Ravenswood Office Specialities Co. ("Ross-  
 co" Glass Desk Pad), 1800 Newport  
 av, Chicago, Ill.  
 Roovers Bros. ("Embossing Tools"), 100  
 Schermerhorn, Brooklyn, N. Y.  
 Sainberg L. (Desk Pads), 65 W Houston,  
 New York  
 Schmidman's Theo. Sons Co., Manitowoc,  
 Wis.  
 Sengbusch Self-Closing Inkstand Co.,  
 Stroh bldg, Milwaukee, Wis.  
 Tatum Sam'l C. Co., Cincinnati, O.  
 Technical Supply Co. (Ink Blotter),  
 Scranton, Pa.  
 Van Valkenburg L. D. (Pencil Clips), Holy-  
 oke, Mass.  
 Yale Novelty Co. (French Ivory Desk  
 Sets), Leominster, Mass.

### 14179—\*Statuary (Granite)

WOODBURY GRANITE CO., Hardwick,  
 Vt.

### 14180—Statuary (Plaster)

American Terra Cotta Co., 128 Pearl, New  
 York  
 Florentine Alabaster Cement Art Works,  
 353 N State, Chicago, Ill.  
 Florentine Art Plaster Co., 2208 Chestnut,  
 Phila., Pa.

### 14180a—\*Statuary Work

GORHAM CO. ARCHITECTURAL  
 BRONZE, 5th av & 36th, New York  
*See adv index at end of book*

### 14181—Statuary & Monuments (White Bronze)

Monumental Bronze Co., Bridgeport, Conn.

### Staybolts

See Bolts, Stay

### 14182—Stays (Door)

Lane Bros. Co., Poughkeepsie, N. Y.  
 Reading Hardware Co. (Barn Door), Read-  
 ing, Pa.  
 Richards-Wilcox Mfg. Co. ("Richards"  
 Non-Sag), Aurora, Ill.



**14183— Stays (Fence)**

Carbo Corp., 538 S Clark, Chicago, Ill.  
Chicago Steel Post Co., 208 S La Salle,  
Chicago, Ill.  
Cyclone Woven Wire Fence Co., Cleveland,  
Ohio  
Worth Wire Works ("Cinch"), Kokomo,  
Ind.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

**14184— Stays (Stair Rail)**

Brewer Bros. Co. (Wrought, Screw, Drive  
or on Plate), 614 Filbert, Phila, Pa.

**14185— Stays (Transom)**

Corbin P. & F., New Britain, Conn.  
Yale & Towne Mfg. Co., 9 E 40th, New  
York

**14186-7—\*Steam Boiler (Electric)**

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*

**14188— Steam Feeds**

**ALLIS-CHALMERS MFG. CO.** (Twin En-  
gine & Direct Acting), Milwaukee,  
Wis. *See adv index at end of book*  
Manistee Iron Works Co. (Twin Engine,  
for Saw Mill Carriage), Manistee,  
Mich.

**Steam Fitters**

*See Heating Contractors, Steam & Hot  
Water*

**Steam Fitters (High Pressure)**

*See Piping, High Pressure*

**14189—Steam Fitters' Supplies**

*See also Plumbers' Supplies*  
(For Manufacturers of Steam Specialties  
*see Specific Article Required*)

**ALABAMA.**

**BIRMINGHAM**—Crane Co. (of Chicago)  
Joubert & Goslin Machine & Fdry. Co.  
Moore-Handley Hardware Co.  
Young & Vann Supply Co.  
**MOBILE**—Cunningham Hardware Co.  
**MONTGOMERY**—Lum Machinery & Sup-  
ply Co.  
**TALLADEGA**—Michael Supply & Roofing  
Co.

**ARIZONA.**

**NOGALES**—Roy & Titcomb  
**PHOENIX**—Thayer Ezra W.

**ARKANSAS.**

**FORT SMITH**—Atkinson-Williams Hard-  
ware Co.  
Speer Hardware Co.  
**LITTLE ROCK**—Cox Thomas & Sons  
Machy, Co.  
Crane Co. (of Chicago, Ill.), Est 1855.  
Rose-Lyon Hardware Co.  
**PINE BLUFF**—Fox Bros. Hardware Co.

**CALIFORNIA.**

**BAKERSFIELD**—Fairbanks, Morse & Co.  
**FRESNO**—Kutner-Goldstein Co.  
**GRASS VALLEY**—Grass Valley Hardware  
Co.  
**LOS ANGELES**—Boynton H. R. Co., 216 N  
Los Angeles  
Busch A. H. Co., 150 N Los Angeles  
Crane Co., 321 E 2d  
Harper & Reynolds Co., 219 S Central  
av  
Holbrook, Merrill & Stetson, 200 S  
Central av  
Pacific Hardware & Steel Co., 923 E  
3d  
Smith-Booth-Usher Co.  
Union Hardware & Metal Co., 401 E  
1st  
Warren & Bailey Mfg. Co., 359 N Main  
**OAKLAND**—Crane Co. (of Chicago)  
**SACRAMENTO**—Sacramento Pipe Wks.  
**SAN DIEGO**—Western Metal Supply Co.

**SAN FRANCISCO—Baker & Hamilton, 4th  
& Brannan**

California Hydraulic Engineering &  
Supply Co., 70 Fremont  
Crane Co., 2d & Brannan  
Dalziel-Moller Co., 556 Mission  
Dunham, Carrigan & Hayden Co.,  
Kansas & Division  
Garrett W. T. & Co., 299 Fremont  
General Mach. & Sup. Co., 39 Steven-  
son  
Holbrook, Merrill & Stetson, 6th &  
Bluxome  
Marwedel C. W., 76 First  
Moore Chas. C. & Co., Sheldon bldg  
Pacific Hardware & Steel Co., 7th &  
Townsend  
Tay Geo. H. Co., 599 Mission  
Wagner Jos. Mfg. Co., 165 Beale  
Woodin & Little, 33 Fremont  
**SAN JOSE**—Stock Jno. Sons  
**STOCKTON**—Austin Bros.

**COLORADO.**

**CRIPPLE CREEK**—Cripple Creek Mine &  
Supply Co.  
**DENVER**—Garrett-Elliott Hdw. & Heat-  
ing Co.  
Hendrie & Bolthoff Mfg. & Supply Co.,  
Mine & Smelter Supply Co.  
O'Fallon M. J. Supply Co.

**CONNECTICUT.**

**BRIDGEPORT**—Mills L. H. Co.  
**DANBURY**—Danbury Hardware Co.  
Hull, F. A. & Son  
**DERBY**—Hallock F. C. Co.  
**HARTFORD**—Bidwell J. & Co.  
Hartford Mill Supply Co.  
Plimpton & Hills Corporation  
**MERIDEN**—Cashen John J. & Son  
**MIDDLETOWN**—Hale & Kelsey  
Mills Lyman D. Co.  
**NAUGATUCK**—Page Jno. M. & Co.  
**NEW HAVEN**—Foskett & Bishop Co.  
Mersick C. S. & Co.  
Peck Bros. & Co.  
**NEW LONDON**—Darrow & Comstock Co.  
**NORWALK**—Jones & Hotchkiss Co.  
**NORWICH**—Barstow J. P. & Co.  
Norwich Plbg. Supply House  
**PUTNAM**—Putnam Foundry & Machine  
Co.  
**TORRINGTON**—Agard Hardware Co.  
**WATERBURY**—Barlow Bros. Co.  
Daly Bros. Sup. & Engineering Co.  
Daly M. J. & Sons

**DELAWARE.**

**WILMINGTON**—Delaware Electric & Sup-  
ply Co., 213 Shipley  
**SHAW BENJ. F. CO.**, 501 E 2nd  
*See adv index at end of book*  
Speakman Supply & Pipe Co., 30th &  
Spruce

**DISTRICT OF COLUMBIA.**

**WASHINGTON**—Cunningham Plumbing  
Supply Co., 1234 Penna av, N W  
Latterner Arthur, 602 Penna av, N W  
Mitchell John Jr., 1000 Penn av, N W  
Schafer E. G. & Co., 218 13th N W  
Somerville Thos. Co., 312 13th N W

**FLORIDA.**

**JACKSONVILLE**—Christopher Jno G. Co.  
Florida Hardware Co.  
Hubbard S. B. Co.  
**KEY WEST**—Curry's, Wm. Sons Co.  
**OCALA**—Masters H. B. Co.  
**ORLANDO**—South Florida Fdry & Mach.  
Wks.

**GEORGIA.**

**AMERICUS**—Sheffield Co.  
**ATLANTA**—Beck & Gregg Hardware Co.  
Cotton States Belting & Supply Co.  
Crane Co.  
General Fire Extinguisher Co.  
General Supply Co.  
**AUGUSTA**—Lombard Iron Works & Sup-  
ply Co.  
**COLUMBUS**—Columbus Iron Works Co.  
**MACON**—Schofield's J. S. Sons Co.  
**ROME**—Batley Machinery Co.  
**SAVANNAH**—Savannah Supply Co.  
Weed J. D. & Co.  
**WAYCROSS**—Harley P. N. Hardware Co.

**HAWAIIAN ISLANDS**

**HONOLULU**—Lynch Co.

**IDAHO.**

**BOISE**—Carlson-Lusk Hardware Co., Ltd.  
Idaho Hardware & Plumbing Co.,  
Ltd.

**ILLINOIS.**

**BELLEVILLE**—Karr Supply Co.  
**BLOOMINGTON**—Keiser-Van Leer Co.  
**BUSHNELL**—Bushnell Pump Co.  
**CAIRO**—Woodward Hardware Co.  
**CHICAGO**—Adkins Young & Allen Co.,  
561 Wash. bl  
Advance Packing & Supply Co., 11 N  
Franklin  
Allen W. D. Mfg. Co., 570 W Lake  
Baker & Smith Co., 408 Wells  
Boiler & Radiator Sales Co., 126 W  
Kinzie  
Cameron Schroth Co., 415 Rush  
Carpenter Geo. B. & Co., 400 Wells  
Channon H. Co., 150 N Market  
Chicago Engineer Supply Co., 68 W  
Lake  
Clow Jas. B. & Sons, Franklin & Har-  
rison  
Cook & Chick Co., 18 E Kinzie  
Crane Co. (Est 1855), 836 S Michigan  
av

*For branch offices see adv index at end of book*

Crawford Co., 846 S Canal  
Crerar, Adams & Co., 259 E Erie  
Davies Supply Co., 412 W Ontario  
Deschauer S. Co., 1345 Blue Island av  
Douglass J. E., 180 N Dearborn  
Enterprise Plumbing Supply Co., 26 W  
Kinzie  
Federal-Huber Co., 234 N Halsted  
Hardin-Lavin Co., 4543 Cottage Grove  
av  
Hennebohle F., 8101 S Chicago av  
Hemon & Hubbell, 219 N Jefferson  
Hills-McCanna Co., 153 W Kinzie  
Hodgart & Co. (Valves, Steam Traps,  
Separators, Roller Feeders, etc),  
122 S Michigan av  
Illinois Malleable Iron Co., 1801 Diver-  
sey blvd. *See adv index at end of book*  
Keckley O. C. Co. (Specialties), 608 So  
Dearborn  
Kehm Bros. Co., 15 W Kinzie  
Kellogg-Mackay Co., 403 W 18th  
Kelly & Jones Co. (of Pittsburgh, Pa.),  
155 N Clark

Kroeschell Bros. Co., 440 W Erie  
Limbert Geo. B. & Co., 558 Fulton  
McMaster-Carr Supply Co., 174 N Mar-  
ket  
Manning, Maxwell & Moore, 27 N Jef-  
ferson  
Mott J. I. Iron Works, 104 S Michi-  
gan av  
National Plumbing & Heating Supply  
Co., 6044 S State  
Norman C. Erwin & Co., 18 W Kinzie  
Pittsburgh Piping & Equipment Co.,  
122 S Michigan av  
Rollins Supply Co., 17 W Kinzie  
Scott Valve Co., 310 W Randolph  
Seehausen, Wehrs & Co. (Also Engi-  
neers' Supplies), 173 N Frank-  
lin  
Skinner M. B. & Co., 562 W Wash-  
ington

Sorge A. Jr. & Co., Monadnock bldg  
Steamfitters Supply Co., 10 W Ill.  
Verbeek Harry, 175 W Jackson blvd  
Walsh W. J. & Co., 163 W Illinois  
Weir & Craig Mfg. Co., 2421 Wallace  
Western Kieley Steam Specialty Co.,  
116 W Ill.  
Western Plumbing Supply Co., 119 N  
Desplaines  
Western Valve Co., 188 N Market  
Whitney & Ford, 4325 Cottage Grove av

**DECATUR**—Field & Shorb Co.  
**JOLIET**—Barrett Hardware Co.  
**MOLINE**—Moline Heating & Construc-  
tion Co.

**PEORIA**—Kinsey & Mahler Co.  
Nailon Bros. Co.

**PERU**—Brunner Foundry & Machine Co.  
**QUINCY**—Best E. Plumbing, Heating &  
Supply Co.

**ROCKFORD**—America Heating & Supply  
Co.

Rockford Brass Works

**ROCK ISLAND**—Channon & Dufva  
**STREATOR**—Metcalf Chas  
Williams Hardware Co. (Wholesale)



## INDIANA.

ANDERSON—May Supply Co.  
 BRAZIL—Crawford & McCrimmon Co.  
 EVANSVILLE—Evansville Supply Co.  
 FORT WAYNE—National Mill Supply Co.  
 GREENSBURG—Watson W. A.  
 INDIANAPOLIS—Central Rubber & Supply Co. 201 N West  
 Central Supply Co.  
 Van Camp Hardware & Iron Co.  
 LAFAYETTE—Biggs B. F. Pump Co.  
 MARION—Marion Hardware Co.  
 MICHIGAN CITY—Staiger Hardware Co.  
 MUNCIE—Keiser Geo. & Co.  
 NOBLESVILLE—Clark Supply House  
 RICHMOND—Jones Hardware Co. (Jobbers)  
 TERRE HAUTE—Crane Co. (of Chicago).  
 Freitag Weinhardt & Co.  
 Watson John C.  
 Watson's C. D. Co.  
 UNION CITY—Knapp Supply Co.

## IOWA.

CEDAR RAPIDS—Chandler Pump Co.  
 Fawcett C. E.  
 Fenton J. H. & Co.  
 Kubias F. & Co.  
 Messner & Co.  
 DAVENPORT—Crane Co. (Of Chicago)  
 DES MOINES—Beckman Bros.  
 Crane Co. (Of Chicago)  
 Globe Machinery & Supply Co.  
 Kurtz L. H. Co.  
 DUBUQUE—Deckert W. D. Co.  
 Kretschmer Mfg. Co.  
 McDonald A. Y. Mfg. Co. (Jobbers)  
 Smedley Pump Co.  
 FORT DODGE—Leighton Supply Co.  
 KEOKUK—Sutton Wm. P.  
 MARSHALLTOWN—Dunham C. A. Co.  
 OSKALOOSA—Ideal Mfg. & Supply Co.  
 SIOUX CITY—Crane Co.  
 WATERLOO—Cutler Hardware Co.  
 Waterloo Mfg. Co.

## KANSAS.

ATCHISON—Thayer Supply Co.  
 FORT SCOTT—Penniman A. C. & Sons  
 Hdw. Co.  
 LEAVENWORTH—Great Western Mfg. Co.  
 TOPEKA—Topeka Steam Boiler Works  
 WICHITA—Martin Metal Mfg. Co.

## KENTUCKY.

ASHLAND—Ashland Foundry & Machine  
 Works  
 LOUISVILLE—Ahrens & Ott Mfg. Co.  
 Cowan Andrew & Co.  
 Falls City Plbg. Sup. Co.  
 Laib Co.  
 Morton E. D. & Co.  
 Pyne Co.  
 Vogel P. A. & Sons  
 Waters-Garland Co.

## LOUISIANA.

BATON ROUGE—Doherty Hardware Co.  
 NEW ORLEANS—Ahrens & Ott Mfg. Co.  
 846 Baronne  
 Gibbens-Finney-Gordon Co., 213 Canal  
 Hauptman & Loeb Co (Ltd), 717 Magazine  
 Kittredge-Waters Supply Co, Ltd, 423  
 Common  
 Manion & Co., 618 Baronne  
 Murphy John H., 643 Magazine  
 Stauffer-Eshleman & Co., Ltd., 511  
 Canal  
 Woodward, Wight & Co., Ltd., Howard  
 av & Constance  
 SHREVEPORT—Henderson W. K. Iron  
 Wks & Supply Co.

## MAINE.

BANGOR—Babb C. H. & Co.  
 Leighton Plumbing & Heating Co.  
 Union Iron Works  
 BIDDEFORD—Anthoine Geo. A.  
 DEXTER—Fay & Scott  
 FAIRFIELD—Donnelly D. B.  
 LEWISTON—Hall & Knight Hardware Co.  
 Stetson Jos. H. Co.  
 PORTLAND—Blake W. L. & Co.  
 Plummer C. M. & H. T.  
 Portland Stove Foundry Co.  
 Smith & Abbott Co.

## MARYLAND.

BALTIMORE—Adt Jno. B. Co., 340 No  
 Holliday  
 Baltimore Plbg. Supply Co., 3 N Central  
 av  
 Carey Machinery & Supply Co., 119 E  
 Lombard  
 Central Metal & Supply Co., 611 E  
 Lombard  
 Crane Co. (Of Chicago), 624 W. Pratt  
 Crook-Horner Supply Co., 7 Balderson  
 Crook H. E. Co., Inc., 28 Light  
 Kries Henry A. & Sons Co., 8 W. Lombard  
 Cuyler & Mohler, 611 William  
 Robertson Jas. Mfg. Co., 108 Hopkins pl  
 Southern Supply Co., Calvert & Sara  
 Spedden Supply Co., Boston & Kenwood  
 av  
 Stebbins, Wallace & Sons, 100 S Charles  
 Wallace & Gale, 115 S Gay  
 Wood W. E. Co., 18 N Howard

## MASSACHUSETTS.

ADAMS—Weston L. A.  
 BOSTON—Anderson Geo. P. & Co.  
 (Kieley & Mueller's Specialties),  
 65 Oliver  
 Boston Engineers' Supply Co., 159 Pearl  
 Boston Pipe & Fittings Co., 273 Congress  
 Boston Steam Specialty Co., 332 A  
 Braman, Dow Co., 239 Causeway  
 Brown-Wales Co., 489 C st  
 Butler Edmund F. & Co., 80 Pearl  
 Crane Co. (Of Chicago), (Est 1855),  
 48 W First  
 Dalton-Ingersoll Mfg. Co., 171 High  
 Federal Steam & Gas Supply Co., 195  
 High  
 Gallison Wm. H. Co., 399 Atlantic av  
 Gilchrist Geo. E. Co., 106 High  
 Gurney Heater Mfg. Co. (Heating Apparatus, etc., Supplies), 188 Franklin  
 Hercules Iron & Supply Co., 473 Atlantic  
 av  
 Houdlette Fred A. & Son (Wrought &  
 Cast Iron Pipe), 93 Broad  
 Hubbard W. B. & Sons Co., 176 Oliver  
 Jarvis Engineering Co., 261 Franklin  
 Johnson-Washburn Co., 91 Haverhill,  
 Morse, Tenney & Co., 143 Pearl  
 Morton A. M. & Co., 25 Wash'n  
 Perrin, Seamans & Co., 57 Oliver  
 Perry J. P. & Co., 276 Devonshire  
 Sherburne & Co. (Gauges, Valves &  
 Railway Supplies, etc), 53 Oliver  
 Wacco Supply Co., 30 Marginal, E B  
 Walker & Pratt Mfg. Co., 31 Union  
 Walworth Mfg. Co., 798 1st S B  
 Webb F. W. Mfg. Co., 56 Elm

BROCKTON—Corcoran Supply Co.  
 CAMBRIDGE—Cambridge Plumbing Supply  
 Co.  
 Corcoran Supply Co., 62 Albany  
 FALL RIVER—Fall River Steam & Gas  
 Pipe Co. Corp.  
 Miller Nathan & Sons (Ltd)  
 FITCHBURG—Jennison Co.  
 GARDINER—Royal Steam Heater Co.  
 HAVERHILL—Mills & McClintock  
 HOLYOKE—Holyoke Valve & Hydrant Co.  
 LOWELL—Farrell & Conaton  
 Hobson & Lawler Co.  
 Middlesex Machine Co.  
 LYNN—Bourneuf Louis Corporation  
 Morgan Jno. F. & Son  
 Trefethen Frank L.

MIDDLEBORO—Pierce Thos. W. Hardware  
 Co.  
 MILFORD—Ellis, Clark & Sons  
 NEW BEDFORD—New Bedford Boiler &  
 Machine Co.

NORTH ATTLEBORO—Hall Wm. M. Co.  
 PITTSFIELD—Robbins, Gamwell & Co.  
 SPRINGFIELD—Crane Co. of Springfield  
 Foss W. J. Co.  
 New England Plumbing Supply Co.  
 Oliver & Howland Co.  
 WYCKOFF & LLOYD CO., 19 Worth-  
 ington

TAUNTON—Dighton Foundry Co.  
 Trefethen D. A.  
 WORCESTER—Burlingame A. Co.  
 Callahan J. W. & Son  
 Central Supply Co.  
 Rockwood Sprinkler Co.  
 Washburn & Garfield Mfg. Co.

## MICHIGAN.

BAY CITY—Alert Pipe & Supply Co.  
 Jennison Hardware Co.  
 Styninger Jno. A.  
 CALUMET—Carlton Hardware Co.  
 DETROIT—American Radiator Co., 124  
 Jefferson  
 Anchor Packing Co., 139 Congress  
 Anderson-Kenneth Co., 33 Atwater  
 Central Distributing Co., 316 Harper  
 Crane Co. (Of Chicago), Atwater &  
 Randolph  
 Detroit Heating & Lighting Co., Leib  
 & Wright  
 Detroit Lead Pipe Works, 61 2nd  
 Detroit Ship Building Co. (Brass Dept)  
 Edwards H. D. & Co., 18 Woodward  
 av  
 Harvey's A. Son's Mfg. Co. (Ltd.),  
 22 1st  
 Kerr Machy. & Supply Co., Kerr bldg  
 Park & McKay, 55 Bagley av  
 Sales Murray W. & Co., 76 Jefferson av  
 Strelinger Chas. A. Co., 98 Bates  
 Taylor Supply Co., 164 Larned W  
 Walker Mfg. & Supply Co. Shelby &  
 Woodbridge  
 GRAND RAPIDS—Barclay Ayers &  
 Bertsch Co.  
 Ferguson Supply Co.  
 Leitelt Adolph Iron Works  
 Sproul & McGurrian Co.  
 LANSING—Michigan Supply Co.  
 MUSKEGON—Howden J. J. Co.  
 Towner Hardware Co.  
 SAGINAW—Alert Pipe & Supply Co.  
 Eureka Heating & Ventilating Co. (C.  
 W. Light, Prop.)  
 Morley Bros.  
 Saginaw Hardware Co.  
 Wickes Bros. See adv index at end of book  
 SAULT SAINT MARIE—Soo Hardware  
 Co.

## MINNESOTA.

DULUTH—Duluth Plumbing Supplies Co.  
 Northern Hardware Co.  
 Marshall-Wells Hardware Co.  
 MINNEAPOLIS—American Radiator Co.,  
 229 S 5th  
 Central Supply Co., 312 S 3d  
 Crane Co. (of Chicago)  
 Gilmore D. M. Co., 515 S 3d  
 Kellogg-Mackay Co., 824 S 4th  
 National Mfg. & Supply Co., 256 3rd  
 av S  
 ST. PAUL—Crane & Ordway Co., 5th &  
 Rosabel  
 Robinson, Cary & Sands Co, 4th &  
 Wacouta  
 Western Supply Co, Park square

## MISSISSIPPI.

CORINTH—Adams W. T. Machine Co.  
 NATCHEZ—Feltus Bros.  
 Schwartz & Stewart  
 VICKSBURG—Hoffman Louis Hardware  
 Co.  
 YAZOO CITY—Crane-Hamel Hardware Co.

## MISSOURI.

JOPLIN—Joplin Supply Co.  
 McNeal Machinery Co.  
 KANSAS CITY—Crane Co. (of Chicago)  
 Great Western Mfg. Co. (of Leavenworth, Kans.), 1221 Union av  
 Harbison Mfg. Co.  
 Kansas City Pump Co., 1314 W 10th  
 Reeves Supply Co., 1304 McGee  
 Southwest Plumbing Supply Co, 2030  
 Walnut  
 U. S. Water & Steam Supply Co.  
 Young W. B. Supply Co., 212 Delaware  
 ST. JOSEPH—Bristol Co.  
 Horgan Supply Co.  
 Howe W. B. Supply Co.  
 Missouri Water & Steam Supply Co.  
 ST. LOUIS—American Radiator Co. (of  
 Chicago), 1427-29 Olive  
 Brockman J. R. Mfg. Co., 617 N 2nd  
 Cahill-Swift Mfg. Co., 20 S 12th  
 Crane Co. (of Chicago), Est. 1855  
 Handlan-Buck Mfg. Co., 210-14 N 3d  
 Johnson Wm. C. & Sons Machinery  
 Co., 210 Washington av  
 Materne Mfg. Co., 18th & Gratiot  
 Nelson N. O. Mfg. Co., 10th & Chest-  
 nut  
 Rumsey L. M. Mfg. Co., 810 N 2nd  
 Street J. D. & Co., 809 N 2d  
 SPRINGFIELD—Cooper Harry Supply Co.  
 Springfield Plumbing Co.  
 WEBB CITY—Franz Hardware Co.



## MONTANA.

ANACONDA—Anaconda Copper Mining Co.  
 BUTTE—Anaconda Copper Mining Co.  
 Montana Hardware Co.  
 HELENA—Holter A. M. Hardware Co.  
 MISSOULA—Missoula Mercantile Co.

## NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co.  
 LINCOLN—Western Supply Co.  
 OMAHA—American Radiator Co.  
 Crane Co. (of Chicago)  
 Omaha Sanitary Supply Co.  
 U. S. Radiator Corp.

## NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.  
 CONCORD—Concord Pipe Co.  
 LANCASTER—Thompson Mfg. Co.  
 MANCHESTER—Pike & Heald Co.

## NEW JERSEY.

BAYONNE—Bayonne Supply Co.  
 ELIZABETH—Elizabeth Hardware Co.  
 JERSEY CITY—Gibbons Ernest A. Co., 27 Montgomery  
 Jersey City Supply Co., 12 Mercer  
 Perkins Arthur L. Co., 144 12th  
 NEWARK—Banister & Pollard Co., 206 Market  
 Crane Co. (Of Chicago), 84 Mechanic  
 Crane & Milligan, 54 Mechanic  
 Egbert W. V. & Co., 35 Mechanic  
 Macknet & Doremus, 796 Broad  
 ROE & CONOVER, 206 Frelinghuysen av. See adv index at end of book  
 Simmons Pipe Bending Works, 40 Mechanic  
 NEW BRUNSWICK—Weigel Philip, Jr.  
 ORANGE—Linsdley John N.  
 PASSAIC—New Jersey Engineering & Supply Co.  
 PATERSON—Mills H. W. & Co., 59 Washington  
 Myers Geo. A. & Co., 63 Washington  
 Quinn Bros.  
 Smith Abe  
 Van Winkle J. A. Co., 168 Main  
 TRENTON—Katzenbach F. S. & Co.  
 Manufacturers Selling Co.  
 Warren, Balderston & Co.  
 WEEHAWKEN—Berger Edw. W. & Bro.

## NEW MEXICO.

ALBUQUERQUE—Whitney Hardware Co.

## NEW YORK.

ALBANY—Albany Hdw. & Iron Co., 43 State  
 Bates Edw. P. (of Syracuse), 818 B'way  
 Hoy & Co.  
 Russ Herman H. & Sons  
 Wing Robt. B. & Son, 385 B'way  
 ALBION—Waterman G. M.  
 BINGHAMTON—Gaylord & Eltapence Co.  
 Shapley & Wells  
 BUFFALO—Case W. A. & Sons Mfg. Co.,  
 Dixon & Ballou, Carroll & Ellicott  
 Frontier Water & Steam Sup. Co.  
 Hamill D. L. Co., 60 Delaware av  
 Ruckel J. H. & Son, 81 Main  
 Schaefer & Co.  
 Warren & Dellwardt, 109 Seneca  
 CANANDAIGUA—Cooley A. E. & Co.  
 CLYDE—Wood S. W. Engine Co.  
 COHOES—Sweet & Doyle  
 GENEVA—Vance Jas. R.  
 GREENPORT—Hedges Samuel P.  
 HORNELL—McGuire Chas. F.  
 JAMESTOWN—Clark Hardware Co.  
 KINGSTON—Canfield Supply Co.  
 LOCKPORT—Trevor Mfg. Co.  
 NEWBURGH—Smith Albert C. & Co.  
 Smith W. L.

## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—Jacobs Geo. P. & Co., 276 S 9th  
 Johnson J. D. Co., 43 Boerum pl  
 McElraevy & Hauck Co., 440 B'way  
 Munkenbeck Bros., 88 Hamilton av  
 Phillips, Doup & Co., 60 Pearl  
 Scollay John A., 74 Myrtle av  
 Wilfert Jno. Co., 490 Bushwick av

## Boroughs of Manhattan and Bronx.

NEW YORK—Bayne Jasper Co., 29 Sullivan  
 Beggs Jas. & Co., 30 Warren  
 Behrer & Co., 81 Beekman  
 Bernard-Greenwood Co., 20 Desbrosses  
 Blue & Queripel Co., 2360 3d av  
 Boig & Hill, 216 Fulton  
 Campbell Supply Co., 570 Columbus av  
 Clow Jas. B. & Sons (of Chicago), 17 Battery pl  
 Cornell & Underhill, Greenwich & Spring  
 Crane Co. (of Chicago), 490 Cherry  
 Curran Supply Co., 512 W 36th  
 Dienst A. P. Co., 2604 3d av  
 Dimock & Fink Co., 220 E 125th  
 Donegan & Swift, 6 Murray  
 Du Bois F. N. & Co., 247 9th av  
 Dunham, Carrigan & Hayden Co. (of San Francisco, Cal), 127 Duane  
 Efron Jacob, 233 Broome  
 Fairbanks Co., 416 Broome  
 Flint & Chester, 237 Lafayette  
 Garrett W. D. & Co., 136 Liberty  
 Giannini G. W., 437 W 42d  
 Gibbons Jno. V., 133 Greenwich  
 Gillis & Geoghegan, 539 W B'way  
 Greason Mfg. Co., 108 W 99th  
 Gurney Heater Mfg. Co. (of Boston), 11 E 42nd  
 Hussey W. H. & Son, 148 W 35th  
 Johnson J. D. Co., 54 Cliff  
 Kamerman I., 1660 Park av  
 Keating E. F. Co., 446 Water  
 Keating Jas. A. & Co., 105 Christopher  
 Kelly & Jones Co., 15 Park row  
 McLoughlin & Donovan, 47 Cliff  
 McMAHON & TAYLOR CO., 104 John  
 See adv index at end of book  
 McShane Bell Fdry Co., 50 Church  
 Magee Valve Co., 105 Beekman  
 Malbin Mayer, 303 E 60th  
 Marine Mfg. & Supply Co., 158 South  
 Mine & Smelter Supply Co., 42 B'way  
 Montgomery & Co., 105 Fulton  
 Mott J. L. Iron Works, 118 5th av  
 Murray John A. & Co., 310 W 39th  
 NASON MFG. CO., 71 Fulton  
 See adv index at end of book  
 O'Neil M. Supply Co., 25 Cliff  
 Page Wm. H. Boiler Co., 141 W 36th  
 Patterson, Gottfried & Hunter, 211 Centre  
 Peck Bros. & Co. (of New Haven, Conn.), 219 W 49th  
 Phelps Bros. Co., 25 Cliff  
 PIERCE, BUTLER & PIERCE MFG. CORP., 437 E. 162nd  
 Pollock Alex. Co., 203 West  
 Ransom Stephen, 401 West  
 Roberts Geo. I. & Bros., 471 4th av  
 Rock Products Equipment Corp., 42 Church, New York.  
 See adv index at end of book  
 Rogers H. A. Co., 87 Walker  
 Rumsey Pump & Machine Co., 75 Warren  
 Russell W. A. & Co., 63 W 37th  
 Rutzler Enoch Co., 404 E 49th  
 Schaad Paul, 110 John  
 Shapiro A. & Co., 167 av A  
 Simmons John Co., 110 Centre  
 Smith H. B. Co., 39 E Houston  
 Standard Plumbing Supply Co., St. Ann's av & 159th  
 Starratt & Jones Co., 28 Howard  
 Tufts Walter B., 94 John  
 Urquhart's John S. Son & Co., 131 Liberty  
 Walker & Chambers, 222 E 41st  
 Walsh & Hartwig, 217 E 58th  
 Walworth Mfg. Co. (of South Boston), 19 Cliff

## Borough of Queens.

LONG ISLAND CITY—Brodie Wm., 307 Jackson av

## (End of New York City)

NIAGARA FALLS—Elderfield-Hartshorn Hardware Co.  
 NORTH TONAWANDA—American District Steam Co.  
 OGDENSBURG—Ogdensburg Machine Co.  
 OSSINING—Barlow & Co.  
 POUGHKEEPSIE—Adriance Peter & Son  
 ROCHESTER—Haverstick & Co.  
 Howe & Bassett & Co.  
 Sloan Samuel & Co.  
 SAUGERTIES—Lamb's Daniel Son

SYRACUSE—Bates Edw. P.  
 Joy Edw. Co.  
 Kieffer Bros.  
 Weekes Jno. & Son Co.  
 TROY—Aird-Don Co.  
 Barnum Bros. Co.  
 Horan Jas. J. & Co.  
 Troy Belting & Supply Co.  
 UTICA—Bates Edw. P.  
 International Heater Co.  
 Millar Chas. & Son Co.  
 Utica Plumbing Supply Co.  
 WATERTOWN—Hunting Co.  
 Weekes Jno. & Son Co.

## NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.  
 General Fire Extinguisher Co. (of Providence, R. I.)  
 GOLDSBORO—Dewey Bros.  
 GREENSBORO—Odell Hardware Co.  
 NEWBERN—Hyman Supply Co.  
 RALEIGH—Young & Hughes  
 WINSTON SALEM—Crawford Plumbing & Mill Supply Co.

## OHIO.

AKRON—Hardware & Supply Co. (Pipe & Fittings, etc)  
 ASHTABULA—McKinnon Iron Works Co.  
 BUCYRUS—Crawford Supply Co.  
 CANTON—Canton Hardware Co.  
 McLain J. H. Co.  
 Scioto Valley Supply Co.  
 CINCINNATI—Crane Co. (of Chicago), 824 B'way  
 Deckebach F. C. Sons Co., 123 W Court  
 Geerin Bros. & Co., 422 E 8th  
 Merkel Bros. Co., Canal & Jackson  
 Murdock Mfg. & Supply Co., 426 Plum  
 Nichol Thos. J. & Co., Pearl & Ludlow  
 Queen City Supply Co., Pearl & Elm  
 CLEVELAND—Bissett R. J., 820 Columbia bldg  
 Bliss Supply Co., 815 Long av  
 Dunham C. A. Co., Garfield bldg  
 Fisher E. W. Co., 811 Superior av, N E  
 Illinois Eng. Co., Williamson bldg  
 Kennedy Co., Euclid av  
 Lockwood-Luetkemeyer-Henry Co.,  
 Mau-Sherwood Supply Co.  
 Pattison W. M. Supply Co., 777 Rockwell av  
 Strong, Carlisle & Hammond Co., 336 Frankfort av, N W  
 Ulko Supply Co.  
 Worthington Geo. Co.  
 COLUMBUS—Ascher Supply Co., 288 N High  
 Columbus Supply Co., 37 W Spring  
 Scioto Valley Supply Co.  
 Westwater Supply Co., 150 N 3d  
 DAYTON—Buckeye Iron & Brass Works  
 Dayton Supply Co.  
 Larkin M. D. Supply Co.  
 FINDLAY—Went C. H.  
 GREENVILLE—Ross Supply Co.  
 HAMILTON—Walker John L. Co.  
 LIMA—Good Tool & Supply Co. (Also Engineers' Supplies)  
 MANSFIELD—Barnes Mfg. Co.  
 Humphries Mfg. Co.  
 Ohio Brass Co.  
 NAPOLEON—Heller-Aller Co.  
 PORTSMOUTH—Standard Supply Co.  
 ST. MARYS—Jasperperson Supply Co.  
 TOLEDO—American Plumbers' Supply Co.  
 Arbuckle-Ryan Co.  
 National Supply Co.  
 TROY—Hatfield & Scott  
 WARREN—Warren Hardware Co.  
 YOUNGSTOWN—Stambaugh Thompson Co.  
 Scholl W. J. Co.  
 ZANESVILLE—Roekel Co.

## OKLAHOMA.

OKLAHOMA—Crane Co. (of Chicago)

## OREGON.

ASTORIA—Fisher Bros. Co.  
 PORTLAND—Crane Co. (of Chicago)  
 Gauld Co., 69 N 12th  
 Kline M. L., 84 Front  
 McPherson W. G. Co.



# PENNSYLVANIA.

ALLEGENTOWN—Albright Son & Co.  
Taylor Wm. H. & Co.

ALTOONA—Standard Supply & Equipment Co.

ASHLAND—Buck Peter E. & Sons

BRADFORD—Bovaird & Seyfang Mfg. Co.  
Oil Well Supply Co.

BUTLER—Campbell J. G. & W.

CHESTER—Riley Benj. F.

CHICORA—Hays E. F. & Sons  
Hoch Bros.

CLARION—Magee John A. & Son

CONSHOHOCKEN—Bate Wm. T. & Son

CORRY—Barlow Hardware Co.

DUBOIS—Dubois Iron Works

DUKE CENTER—Berry & Duke

EMLENTON—Mitchell H. B. & Co.  
Weller J. A. & Sons

ERIE—Boettiger & Co.  
Erie Mfg. & Supply Co.  
Jarecki Mfg. Co.

FRANKLIN—Producers Supply Co.

FREELAND—Freeland Plumbing & Plumbing Supplies Co.

GREENSBURG—Kelly & Jones Co. (of Pittsburgh)

GREENVILLE—Packard H'dware Co.

HARRISBURG—Appleby Bros. & Whitaker Co.  
Mather E. Co.

HAZLETON—Hazleton Machinery & Supply Co.

JOHNSTOWN—Johnstown Supply House  
Swank Hardware Co.

KINGSTON—Roat A. J. Supply Co.

LANCASTER—Cummings, Bevis & Levan  
Reilly Bros. & Raub  
Sheet Metal & Supply Co.

LEBANON—Krause Geo. Hardware Co.

MECHANICSBURG—Hauck Bros.

MEYERSDALE—Shipley Hardware Co.

MOUNT JOY—Moyer Gabriel

NEW CASTLE—Federal Radiator Co.

OIL CITY—Logan Robt.  
Oil Well Supply Co. (of Pittsburgh)  
United Hardware & Supply Co.

PHILADELPHIA—Belfield H. Co., 435 N Broad  
Bell Harry E., 212 Church  
Bridgman Bros. Co., 1426 Washington av  
Brogan & Co., 810 Race  
Cox & Sons Co., 5th & Chestnut  
Crane Co. (of Chicago), 245 Master  
CRESSMAN N. C. CO., Drexel bldg  
Fleck Bros. Co., 44 N 6th  
Ford & Kendig Co., 27 N 7th  
Freedman Small & Co., 623 S 6th  
Froelich Bros., 142 N 7th  
Haines, Jones & Cadbury Co., 1136 Ridge av  
Hartman Co., 1231 N Front  
Haynes-Thompson Co., 2107 Vine  
Hunter & Dickson Co., 241 Arch  
Huyette Paul B. Co., 18th & Market  
Johnson J. D. Co. (of New York), 139 N 7th  
Keystone Supply & Mfg. Co., 927 N 9th  
Koons E. W. & Co. (Pipe & Fittings, etc), 911 Filbert  
McArdle & Cooney, 519 Arch  
Maddock & Co., 44 N 6th  
Maneely John, 309 Arch  
Manning, Maxwell & Moore, Lincoln bldg  
Mott J L Iron Works, 1006 Filbert  
Pancoast Henry B. Co., 243 S 3d  
Penn Engineering Co., 312 Cherry  
Perkes Chas. (Est. of), 627 Arch  
Raineear C. J. & Co., 518 Arch  
Sachs Wm. A., 1152 Germantown av  
Schade Valve Mfg. Co., 2528 N American  
Sees & Faber Co., 2010 N Front  
Shannon J. Jacob & Co., 1744 Market  
Spaulding & Metcalf, 532 Arch  
Standard Supply & Equipment Co., N W cor Cherry & 13th  
Webb Ellisha & Son Co., 136 S Front  
Williamson & Cassedy, 526 Market

PITTSBURGH—Bailey-Farrell Mfg. Co., 3rd av & Ross  
Best Co., 33d & R R  
Bowman Supply & Mfg. Co., 890 Main  
Frick & Lindsay Co., Robinson  
Harris Pump & Supply Co., 320 2d av  
Hickman V. Q., Union Bank bldg  
Hyde Bros. & Co., Commonwealth bldg  
Jarecki Mfg. Co., 311 1st av  
McKnight Samuel Hardware Co., 225 Federal  
Oil Well Supply Co., 215 Water  
Pittsburgh Gage & Supply Co., 30th & Liberty av

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry.

Somers, Fittler & Todd Co., 325 Water  
Standard Supply & Equipment Co., 29th & Smallman

Turner Chas A., Inc., 3d av & Chancery

Waite Supply Co., 1635 5th

POTTSTOWN—Fegely J. & Son

POTTSVILLE—Bright George Hardware Co.  
Pottsville Supply Co.

READING—Bright & Co.  
Reading Laundry & Supply Co.  
Reading Heater & Supply Co.

ROUSEVILLE—Rouseville Supply Co.

SCRANTON—Everhart Brass Works  
Gaylord & Butler Co.  
Gunster Bros.  
O'Malley Mfg. Co.  
Scott Chas. B. Co.  
Scranton Supply & Machinery Co.  
Weeks Ralph E. Co.

SHAMOKIN—Sanner Hardware Co.

SHARON—Fruit-Ohl Co.

SOMERSET—Schell P. A. & Co.

TITUSVILLE—Kernochan & Co.  
United Hardware & Supply Co.

TUNKHANNOCK—Billings Paul & Sons

WARREN—Pickett Hardware Co.

WILKES-BARRE—Eastern Penna. Supply Co.

Wyoming Engineering - Construction Co.

Wyoming Valley Supply & Mfg. Co.

WILLIAMSPORT—Keeler E. Co.  
Kline & Co.  
Moltz Jacob J.

YORK—Motters Geo F. Sons  
Small P. A. & S. Co.

# RHODE ISLAND.

PAWTUCKET—Jackson Samuel Co.

PROVIDENCE—Allen & Reed, 173 Dorrance  
American Supply Co., 135 Washington  
Conlin J. C., 361 Washington  
General Fire Extinguisher Co.  
Phillips Lead & Supply Co., 91 S Main  
R. I. Supply & Engineering Co.

# SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.  
Cameron & Barkley Co.  
Valk & Murdoch Co.

# TENNESSEE.

CHATTANOOGA—James Supply Co.  
Magill Hardware Co.

JACKSON—Southern Engine & Boiler Works

KNOXVILLE—McClung C. M. & Co.  
Savage W. J. Co.

MEMPHIS—Browne & Borum Co.  
Chickasaw Machine & Foundry Co.  
Crane Co (of Chicago)  
Orgill Bros. & Co.  
Riechman-Crosby Co.

NASHVILLE—Bouchard Jno. & Sons Co.  
Gray & Dudley Hardware Co.  
Keith, Simmons & Co.  
Nashville Machine Co.

# TEXAS.

AUSTIN—Tips Walter Co.

DALLAS—Briggs-Weaver Machinery Co.  
Kinnison Bros.

GALVESTON—Shean Paul Co.

HOUSTON—Girten Belting & Supply Co.  
Heitmann F. W. Co.

SAN ANTONIO—San Antonio Machine & Supply Co.

TYLER—Connally Walter & Co.

# UTAH.

OGDEN—Halverson Bros.

SALT LAKE CITY—Crane Co. (of Chicago), Est 1855  
Salt Lake Hardware Co.

# VERMONT.

BELLOWS FALLS—Allbee Geo. B. Co.

RUTLAND—Lincoln Iron Works

# VIRGINIA.

CHARLOTTESVILLE—Wood J. Edwin Co.

LYNCHBURG—Barker-Jennings Hardware Co.

NORFOLK—Empire Machine & Supply Corp.  
Porter & Moore Co.  
Seaboard Supply Co.  
Southern Supply Co.  
Tidewater Supply Co., Inc.  
Virginia-Carolina Supply Co.  
Walke Henry Co.  
White E. V. & Co.

PETERSBURG—Stratton Bragg Co.

RICHMOND—Frischkorn Hunter B. (Pipe & Fittings)  
Lindsay J. L. (Inc.)  
Smith-Courtney Co.  
Southern Railway Supply Co. (Pipe & Fittings)  
Sydnor Pump & Well Co.

ROANOKE—Nelson Hardware Co. (Pipe & Fittings)  
Roanoke Hardware Co.

SUFFOLK—Folk E. L. Co.

# WASHINGTON.

BELLINGHAM—Morse Hardware Co.

OLYMPIA—Olympia Hardware Co.

SEATTLE—Bowles Co., 107 Jackson  
Crane Co. (of Chicago)  
Hambach & Co., 1st av S & King  
Puget Sound Machinery Depot, 318 1st av S  
Washington Iron Works

SPOKANE—Crane Co. (of Chicago)  
Holley-Mason Hardware Co.  
Spokane Hardware Co.

TACOMA—Crane Co. (of Chicago)  
Hunt & Mottet Co.

# WEST VIRGINIA.

CHARLESTON—Capital City Supply Co.  
South Side Foundry & Machine Works

HUNTINGTON—Miller Supply Co.

PARKERSBURG—Chancellor Hardware Co.

WHEELING—Trimble & Lutz Supply Co.

# WISCONSIN.

EAU CLAIRE—Hobbs W. H. Supply Co.

GREEN BAY—Murphy Supply Co.

HURLEY—McConnell Hardware Co.

LA CROSSE—Roosevelt W. A. Co.

MANITOWOC—Richards Iron Works

MILWAUKEE—Bowers W. A. Heating Co., 484 Market  
Downey Heating & Supply Co., 615 Clybourn  
Hoffman B. Mfg. Co., 257 6th  
Hoffman & Billings Mfg. Co., 100 2nd  
Mueller L. J. Furnace Co. (Heating Apparatus & Supplies)  
Rom Robt. Co., 1023 St. Paul av  
Rundle-Spence Mfg. Co., 63 2d

OSHKOSH—Battis Bros.

RACINE—Davis, O. C.

WAUSAU—Murray D. J. Mfg. Co.

# Steam Heating Apparatus

See Heaters, Steam & Hot Water; also Radiator Manufacturers; also Valve Manufacturers, Various Kinds; also Steam Fitters' Supplies, etc.

# 14190— \*Steam Supplies

NATIONAL TUBE CO., Frick bldg., Pittsburgh, Pa. See adv index at end of book

# Steam Tables for Culinary Purposes

See Cooking Apparatus

# 14191— Steamers (Barrel)

Oram John S. Co., Cleveland, O.

# 14192-3— Steamers (Grain)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
Union Iron Works, Decatur, Ill.  
Wolf Co., Chambersburg, Pa.

# 14194— Stearine

Armour & Co., Chicago, Ill.  
Consolidated Rendering Co., 40 N Market, Boston, Mass.  
Cudahy Packing Co., South Omaha, Neb.  
Emery Candle Co. (For Metal Polish), Cincinnati, O.  
Klipstein A. & Co. (Wool, Imp.), 644 Greenwich, New York



Marden Orth & Hastings Co. (Imp), 61 B'way, New York  
 Morris & Co., 209 S La Salle, Chicago, Ill.  
 N. Y. Butchers' Dressed Meat Co., 11th av & 39th, New York  
 Pacific Coast Beef & Provision Co. (Oleo, etc.), Los Angeles, Cal.  
 Reardon John & Sons Co. (Oleo), Cambridge, Mass.  
 Scheel Wm. H. (Jobbers), 159 Maiden la, New York  
 Swan Alden S. & Co., 135 Front, New York  
 Swift & Co., Union Stock Yards, Chicago, Ill.

### 14195—Steel (Agricultural Implement)

See also Steel Bar Mills; also Steel, Crucible

American Sheet & Tin Plate Co. (Sheet), Frick bldg, Pittsburgh, Pa.  
 Buffalo Steel Co. (Bessemer, Harrow & Cultivator Bars, Plow Beams, etc.), Tonawanda, N. Y.  
 Calumet Steel Co. (Bessemer Cultivator Bars, Harrow Tooth Bars, U Harrow Bars, Angles, Channels, etc.), 203 S La Salle, Chicago, Ill.  
 Cambria Steel Co. (Bar, Slab & Plow Steel & Shapes, Cultivator & Coulter Steel), Widener bldg, Phil., Pa.  
 Colonial Steel Co. (Soft Center, Crucible & Open Hearth Plow Steel, etc), 324 4th av, Pittsburgh, Pa.  
 Colorado Fuel & Iron Co. (Open Hearth), Denver, Colo.  
 Crucible Steel Co. of America (Crucible & Open-Hearth), Oliver bldg, Pittsburgh, Pa.  
 Elyria Iron & Steel Co. (High Carbon, Shapes, Angles, Tubing, etc), Cleveland, O.  
 Farist Steel Co., Bridgeport, Conn.  
 Harrow Spring Co., Milwaukee, Wis.  
 Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.  
 Interstate Iron & Steel Co. (High Carbon Steel Cultivator Beams, I & U Harrow Bars, etc), 1st National Bank bldg, Chicago, Ill. *See adv index at end of book*  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Judson Mfg. Co., (Open Hearth), 319 Folsom, San Francisco, Cal.  
 Kaufman Emanuel, Farmers Bank bldg, Pittsburgh, Pa.  
 Kelly G. A. Plow Co., Longview, Tex.  
 La Belle Iron Works (Special Plates, Plow Slabs, etc), Steubenville, O.  
 Lackawanna Steel Co. (Bessemer & Open-Hearth, Buffalo, N. Y.  
 Laclede Steel Co., Federal Reserve Bk bldg, St. Louis, Mo.  
 Republic Iron & Steel Co. (Angles, Channels, Plow Beams, U Bars, etc), Youngstown, O.  
 Sweets Steel Co., Williamsport, Pa.  
 Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa.

### 14196—Steel (Alkali Drum)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

### 14197-8—\*Steel (Alloy & Carbon)

Bethlehem Steel Co. (Alloy), So. Bethlehem, Pa.  
 FRASSE PETER A. & CO. (INC.), 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book*  
 Harrow Spring Co., Milwaukee, Wis.  
 Midvale Steel Co. (Alloy), Widener bldg, Phila., Pa.

### Steel Angles, Channels & Tees

See Steel Structural Mills, and note the matter following each name

### 14199—Steel Automobile Sheets

See also Iron & Steel Sheet, Black and Galvanized

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.  
 Columbia Steel Co. (Frame Steels), Elyria, O.  
 Crowley John A. Co., 120 Liberty, New York  
 Follansbee Bros. Co., Pittsburgh, Pa.  
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
 La Belle Iron Works, Steubenville, O.  
 Massillon Rolling Mill Co. (Bessemer & Open Hearth), Massillon, O.  
 Taylor W. & G. Co., Mariner & Merchant bldg, Phila., Pa.  
 West Penn Steel Co., Brackenridge, Pa.  
 Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.  
 Worcester Pressed Steel Co., Worcester, Mass.  
 Wyoming Shovel Works (Open-Hearth, Nickel & Nickel Chrome), Wyoming, Pa.

### 14200—Steel (Automobile, Special)

FRASSE PETER A. & CO. (INC.), 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book*

### Steel Bands & Hoops

See Iron & Steel, Band & Hoop

### 14201—Steel Bar Mills

See also Iron Bar Mills; also Steel Crucible

American Bridge Co. (Open Hearth), Frick bldg, Pittsburgh, Pa.  
 American Car & Foundry Co. (Open Hearth Rounds, Flats & Squares), Syndicate Trust bldg, St. Louis, Mo.  
 American Horse Shoe Co. (Steel Bars), Phillipsburg, N. J.  
 American Rolling Mill Co. (Basic Open Hearth), Middletown, O.  
 AMERICAN STEEL & WIRE CO. (Open Hearth), 208 S La Salle, Chicago, Ill. *See adv index at end of book*  
 American Tube & Stamping Co. (Crucible), Bridgeport, Conn.  
 Atlantic Steel Co. (Basic Open Hearth, Rounds, Flats, Squares, etc), Atlanta, Ga.  
 Atlas Crucible Steel Co. (High Grade Crucible, "Loco" High Speed Steels, "Atlas" Tempering Steels, Ingots, which will be hammered into Bars, Squares, Rounds, Flats, Hexagons, etc. for Tools, Drills, Dies, etc.), Dunkirk, N. Y.

Bethlehem Steel Co. (Nickel & Nickel Chrome for Files, Screws, Wire Rods, etc), South Bethlehem, Pa.  
 Braeburn Steel Co. (Open Hearth & Crucible Bar & Tool Steel), Braeburn, Pa.  
 Brown & Co. (Crucible Bar & Tool Steel), 10th & Duquesne way, Pittsburgh, Pa.  
 Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.  
 Calumet Steel Co. (Bessemer Rounds, Squares, Flats, Angles, Channels, etc), 208 S La Salle, Chicago Heights, Ill.  
 Cambria Steel Co. (Bessemer & Open Hearth), Widener bldg, Phila., Pa.  
 Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.  
 Carnegie Steel Co. (Open Hearth & Bessemer Merchant Bar), Carnegie bldg, Pittsburgh, Pa.  
 Carpenter Steel Co. (Crucible Tool Steel), Reading, Pa.  
 Chrome Steel Works (Acid & Open-Hearth), Chrome, N. J.  
 Colorado Fuel & Iron Co. (Bessemer & Open Hearth Merchant Bars), Denver, Colo.  
 Columbia Tool Steel Co. (Rolled & Hammered Crucible Tool & Machinery), 552 W Lake, Chicago Heights, Ill.  
 Conners-Weyman Steel Co. (Merchant Bars), Birmingham, Ala.  
 Crucible Steel Co. of America (Crucible & Open Hearth Merchant Bar & Hammered & Rolled Tool Steel), Oliver bldg, Pittsburgh, Pa.  
 Cyclops Steel Works (Forged Crucible Steel Rounds, Squares, Flats, etc), Titusville, Pa.  
 Davis Bros., 29th & Bristol, Philadelphia, Pa.  
 Eckels-Nye Steel Co. (Bessemer & High Carbon Merchant Steel), Syracuse, N. Y.  
 Empire Rolling Mill Co. (Merchant Bar Steel), Cleveland, O.  
 Falls Hollow Staybolt Co. (Staybolt), Cuyahoga Falls, O.  
 Farist Steel Co. (Rolled & Hammered Crucible & Open Hearth), Bridgeport, Conn.  
 Firth-Sterling Steel Co. ("Blue Clip" Crucible Tool Steel), McKeesport, Pa.  
 Gulf States Steel Co. (Merchant Bars, Round and Square Edge Steel Tire, Flats, Round & Square), Birmingham, Ala.  
 Halcomb Steel Co. (High Grade Crucible Tool Steel & Rolled & Hammered Crucible & Electric Steel), Syracuse, N. Y.  
 Hammond Steel & Forging Co. (Hammered Die Blocks, Tool Steel, etc), Solvay, N. Y.  
 Harrow Spring Co. (Merchant & Machinery Steel), Milwaukee, Wis.  
 Highland Iron & Steel Co. (Merchant Bar), Terre Haute, Ind.  
 Illingworth Jno. Steel Co. (Hammered & Rolled Crucible Steel Bars; also Rolled & Hammered Open Hearth Steel), Tacony & Lewis, Philadelphia, Pa.  
 Illinois Steel Co. (Merchant Bars, Bessemer & Open Hearth), 208 S La Salle, Chicago, Ill.  
 INTERSTATE IRON & STEEL CO. (High Carbon Steel & Soft Steel Flats, Rounds, Squares, etc), 1st Nat Bank bldg, Chicago, Ill.  
*See adv index at end of book*

# Interstate Iron and Steel Company

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**JANSON STEEL & IRON CO.** (Rounds, Flats, Squares, etc), Columbia, Pa.  
**Jones & Laughlin Steel Co.** (Rounds, Squares, Ovals, Flats, Hexagons, etc), Ross, Pittsburgh, Pa.  
**Judson Mfg. Co.** (Steel Bars), 819 Folsom, San Francisco, Cal.  
**Lackawanna Steel Co.** (Open Hearth Merchant, Steel Bars, Rounds, Squares & Flats, for Car Builders, Agricultural Implements, Bolts, etc), Buffalo, N. Y.  
**Laclede Steel Co.**, Federal Reserve Bk bldg, St. Louis, Mo.  
**Lebanon Valley Iron & Steel Co.** (Open Hearth Rounds, Squares, Flats, etc), Lebanon, Pa.  
**Lockhart Iron & Steel Co.** (Soft Steel in Bars), McKees Rocks, Pa.  
**Logan Iron & Steel Co.** (Bessemer & Open Hearth Rounds, Flats, Squares, etc), Burnham, Pa.  
**Ludlum Steel Co.** (Pure Carbon Crucible Tool Steel for Taps, Dies, Cutters, Reamers, Chisels, Drills, etc), Watervliet, N. Y.  
**McInnes Steel Co. (Ltd.)**, (Hammered Tool Steel, High Speed Steel & "Cello" Vanadium Oil Hardening Steel), Corry, Pa.  
**Midvale Steel Co.** (Crucible & Open Hearth), Phila., Pa.  
**Nicetown Plate Washer Co.** (Medium Steel Bars), 1324 Juniata, Phila., Pa.  
**Ohio Falls Iron Co.**, New Albany, Ind. Flats & Special Shapes), S 10th & Muriel, Pittsburgh, Pa.  
**Oliver Iron & Steel Co.** (Rounds, Squares, Pacific Coast Steel Co. (Merchants Bars, etc.), Rialto bldg, San Francisco, Cal.  
**Pardee C. Works** (Merchant Bars & Angles), Perth Amboy, N. J.  
**Philadelphia Steel & Forge Co.** (Rolled & Hammered Steel Bars), 50 Church, New York. Works: Tacony, Phila., Pa.  
**Pigott Thos E.**, 632 Frankfort av, Cleveland, O.  
**Pittsburgh Crucible Steel Co.** (% to 2 inch Rounds, All Sizes Squares & Merchant Flats), Midland, Pa.  
**Pittsburgh-Des Moines Steel Co.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
**Portland Iron & Steel Co.**, South Portland, Me.  
**Railway Steel Spring Co.** (Open Hearth Flats, Rounds, Squares, etc), 30 Church, New York  
**Republic Iron & Steel Co.** (Soft & Hard Merchant Steel), Youngstown, O.  
**Rockaway Rolling Mill** (Steel Bars), Rockaway, N. J.  
**SIMONDS MFG. CO.** (Electric Furnace) Lockport, N. Y.  
*See adv index at end of book*  
**Sweets Steel Co.** (Merchant Bar Steel, Special Open Hearth, Flat, Round, Square, Ovals, etc), Williamsport, Pa.  
**Taylor N. & G. Co.** Mariner & Merchant bldg, Phila., Pa.  
**Tennessee Coal, Iron & Railroad Co.** (Steel Bars), Birmingham, Ala.  
**Texas Rolling Mill Co.** (Steel Bars), Fort Worth, Tex.  
**Union Rolling Mill Co.** (Soft Steel Bars), Cleveland, O.

**United Alloy Steel Corp.** (Round, Flat & Square Steel) Canton, O.  
**Upson Nut Co.** (Basic Open Hearth up to 1½ in. Diameter Rounds, Flats & Squares), Cleveland, O.  
**Vulcan Crucible Steel Co.** (Crucible & Open Hearth Rolled & Forged), Alliquippa, Pa.

#### 14201a—\*Steel Bars

**RYERSON JOS. T. & SON** (Merchant), 2558 W 16th, Chicago, Ill; 2208 N 2d, St. Louis, Mo.; 30 Church, New York; 726 Ford bldg, Detroit, Mich.

#### 14202—Steel Bars (Chrome Nickel)

**Central Steel Co.** ("Agathon" Bars, Billets & Slabs) Massillon, O.  
**Crowley John A. Co.**, 120 Liberty, New York  
**Halcomb Steel Co.**, Syracuse, N. Y.  
**United Alloy Steel Corp.**, Canton, O.

#### 14203—\*Steel Bars (Finished)

*See also Shafting, Polished Steel*

**STANDARD GAUGE STEEL CO.** (Rounds, Squares, Flats, Hexagon & Finished Shapes), Beaver Falls, Pa.  
*See adv index at end of book*

#### Steel Bars for Reinforced Concrete

*See Concrete Reinforcing Bars, Iron & Steel; also Concrete Reinforcing Materials*

#### 14204—Steel Bars (Nickel)

**Central Steel Co.** ("Agathon" Bars, Billets & Slabs) Massillon, O.  
**Crowley John A. Co.**, 120 Liberty, New York  
**Halcomb Steel Co.**, Syracuse, N. Y.

#### 14205—Steel Bars (Vanadium)

**Bethlehem Steel Co.** (Open Hearth), S Bethlehem, Pa.  
**Carnegie Steel Co.** (Open Hearth), Carnegie bldg, Pittsburgh, Pa.  
**Carpenter Steel Co.** (Crucible), Reading, Pa.  
**Central Steel Co.** ("Agathon" Bars, Billets & Slabs), Massillon, O.  
**Colonial Steel Co.** (Crucible & Open Hearth), 324 4th av, Pittsburgh, Pa.  
**Crowley John A. Co.**, 120 Liberty, New York  
**Crucible Steel Co. of America** (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.  
**Cyclops Steel Co.** (Crucible), 120 B'way, New York  
**Firth-Sterling Steel Co.** (Crucible), McKeesport, Pa.  
**Halcomb Steel Co.** (Crucible & Electric Furnace), Syracuse, N. Y.  
**Kaufman Emanuel**, Farmers Bank bldg, Pittsburgh, Pa.  
**United Alloy Steel Corp.** (Electric & Open Hearth), Canton, O.  
**Vanadium-Alloys Steel Co.** (Crucible), Latrobe, Pa.  
**Vulcan Crucible Steel Co.** (Crucible & Acid Open Hearth), Alliquippa, Pa.

### Steel Beams

*See Steel Structural Mills*

#### 14206—Steel Bedstead Angles

*See also Steel Structural Mills; also Tubing, Various Kinds*

**Buffalo Steel Co.** (Bessemer Steel), Tonawanda, N. Y.  
**Elyria Iron & Steel Co.** (High Carbon Steel), Cleveland, O.  
**Hornor W. S. & Co.**, Oliver bldg, Pittsburgh, Pa.  
**Inland Steel Co.**, First National Bank bldg, Chicago, Ill.  
**Laclede Steel Co.**, Federal Reserve Bank bldg., St. Louis, Mo.  
**Sweets Steel Co.** (High Carbon Steel), Williamsport, Pa.

#### Steel Billets & Blooms

*See Billets, Blooms & Slabs, Steel*

#### Steel Boiler & Tank Plate

*See Iron & Steel Boiler & Tank Plate*

#### 14207—Steel Bridge Plate

**American Bridge Co.** (Open Hearth), Frick bldg, Pittsburgh, Pa.  
**Carbon Steel Co.** (Open Hearth), ft 23rd, Pittsburgh, Pa.  
**Carnegie Steel Co.**, Carnegie bldg, Pittsburgh, Pa.  
**Central Iron & Steel Co.**, Harrisburg, Pa.  
**Cleveland Steel Co.**, Rockefeller bldg, Cleveland, O.  
**Crucible Steel Co. of America**, Oliver bldg, Pittsburgh, Pa.  
**Glasgow Iron Co.** (Open Hearth Steel; also Iron), Pottstown, Pa.  
**Illinois Steel Co.**, 208 S La Salle, Chicago, Ill.  
**Jones & Laughlin Steel Co.**, Ross, Pittsburgh, Pa.  
**Lukens Steel Co.** (Open Hearth), Coatesville, Pa.  
**Maryland Steel Co.**, Sparrows Point, Md.  
**Parkersburg Iron & Steel Co.**, Parkersburg, W. Va.  
**Republic Iron & Steel Co.**, Youngstown, O.

#### Steel Bridges

*See Steel Structural Work*

#### Steel Buildings

*See Steel Structural Work*

#### 14207a—Steel (Cars)

**Atlas Engineering Co.**, Amherst, O.  
*See adv index at end of book*

#### Steel Ceilings

*See Ceilings, Sheet Steel*

#### Steels Channels

*See Steel Structural Mills*

#### 14207b—Steel (Chimneys)

**Atlas Engineering Co.**, Amherst, O.  
*See adv index at end of book*

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### 14208—Steel (Cold Drawn)

**AMERICAN STEEL & WIRE CO.**, (In All Shapes, 208 S La Salle, Chicago, Ill. *See adv index at end of book*)

**Cambria Steel Co.** (Rounds, Squares, Hexagons Flats, Angles, Tees & Zees, Widener bldg, Philadelphia, Pa.)

**Carpenter Steel Co.** (Crucible Steel & Wires), Reading, Pa.

**Columbia Steel & Shafting Co.** (Drawn & Polished Squares, Flats, Hexagons & Shapes, etc), Pittsburgh, Pa.

**Crowley John A. Co.**, 120 Liberty, New York

**Crucible Steel Co. of America** (Crucible, Bright Drawn), Oliver bldg, Pittsburgh, Pa.

**De Forest Sheet & Tin Plate Co.** (Bessemer & Open Hearth Steel Sheets), Niles, O.

**DICKEY STEEL CO., THE**, 233 B'way, New York

**Disston Hy. & Sons**, Tacony, Phila., Pa.

**Fitzsimons Co.**, Youngstown, O.

**FRASSE PETER A. & CO., INC.**, 417 Canal, New York. Works: Hartford, Conn. *See adv index at end of book.*

**Halcumb Steel Co.** (Crucible & Electric), Syracuse, N. Y.

**INTERIOR METAL MFG. CO.**, Jamestown, N. Y. *See adv index at end of book.*

**Jones & Laughlin Steel Co.** (Rounds, Squares, Hexagons, Flats, Angles, Zees, etc.), Ross, Pittsburgh, Pa.

**Kidd Drawn Steel Co.** (Free Cutting Screw, etc), Aliquippa, Pa.

**Lancaster Steel Products Co.** (Rounds, Squares, Drill Rods & Shapes), Lancaster, Pa.

**Merchant & Evans Co.**, 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*

**Moltrup Steel Products Co.** (Flats, Squares, Hexagons), Beaver Falls, Pa.

**National Drawn Steel Co.** (Drill Rods & Shapes), East Liverpool, O.

**Pardee C. Works** (Finished Shapes, Rounds, Squares, Hexagon & Flats, Turned & Polished Shafting), Perth Amboy, N. J.

**Peerless Drawn Steel Co.** (Rounds, Hexagons, Squares & Flats), Massillon, O.

**Philadelphia Steel & Forge Co.**, 50 Church, New York

**Pittsburgh Shafting Co.**, of Detroit (Die Drawing, Nickel, etc), Detroit, Mich.

**Pittsburgh Tool Steel Wire Co.** (Tool for Twist Drills, Taps, etc), Monaca, Pa.

**Republic Iron & Steel Co.** (Piston & Pump Rods, Lead, Screws, Fine Machine Rods, Line Shafting, etc), Youngstown, O.

**Ryerson Jos. T. & Son**, 2558 W 16th, Chicago, Ill.

**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*

**Union Drawn Steel Co.** (Rounds, Flats, Squares, Hexagons & Shapes), Beaver Falls, Pa.

**WETHERELL BROS. CO.**, 31 Oliver, Boston, Mass. *See adv index at end of book*

### 14209—Steel (Cold Drawn Shapes)

**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass. *See adv index at end of book*

**DAHLSTROM METALLIC DOOR CO.**, (Including Angles, Channels & Z Bars, Castings & Cap Mouldings in the Cold Drawn Process, Cut to Specified Lengths and Bent Any Desired Shape), 36 Blackstone av, Jamestown, N. Y. *See adv index at end of book*

**Molthrop Steel Products Co.**, Beaver Falls, Pa.

**Peerless Drawn Steel Co.** (Special Sections, Alloy Steels), Massillon, O.

**STANDARD GAUGE STEEL CO.**, Beaver Falls, Pa. *See adv index at end of book*

**14210—Steel (Cold Drawn Vanadium)**

**Crowley John A. Co.**, 120 Liberty, New York

**Crucible Steel Co. of America** (Cold Rolled & Drawn), Oliver bldg, Pittsburgh, Pa.

**Halcumb Steel Co.** (Cold Drawn), Syracuse, N. Y.

**Union Drawn Steel Co.** (Cold Drawn, Bars, Flats, Rounds, Squares & Hexagons), Beaver Falls, Pa.

**14211—Steel (Cold Rolled)**

**Acme Steel Goods Co.** (Light-Hoop, Pickled & Oiled or Cold Rolled, Large Coils), 2834 Archer av, Chicago Ill. *See adv index at end of book*

**Allegheny Steel Co.** (Pickled & Cold Rolled Steel Sheets), Oliver bldg, Pittsburgh, Pa.

**American Sheet & Tin Plate Co.** (Sheet), Frick bldg, Pittsburgh, Pa.

**American Steel Co.** (Flat), Park bldg, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.** (Shafting Flat Wire, etc), 208 La Salle, Chicago, Ill. *See adv index at end of book*

**American Tube & Stamping Co.** (Hoops, Bands, Strips & Sheets), Bridgeport, Conn.

**Athenia Steel Co.**, 135 William, New York

**BARNES THE WALLACE CO.** ("Barnes-Made" High Carbon), 18 Wallace, Bristol, Conn. *See adv index at end of book*

**Brier Hill Steel Co.** (Open Hearth Steel Sheets), Youngstown, O.

**Cambria Steel Co.** (Rounds, Squares, Hexagons, Flats, Angles, Tees & Zees), Widener bldg, Philadelphia, Pa.

**Canton Sheet Steel Co.** (Sheets), Canton, O.

**Carpenter Steel Co.** (Crucible Steels & Wires), Reading, Pa.

**Columbia Steel Co.** (Polished Sheets, Bars, Strips, etc), Elyria, O.

**Crowley John A. Co.**, 120 Liberty, New York

**Crucible Steel Co. of America** (Crucible, Flats, etc), Oliver bldg, Pittsburgh, Pa.

**Cumberland Steel Co.** (Flats, Squares & Hexagons), Cumberland, Md.

**Eaton H. B. & Co.** (Imp), 144 Pearl, Boston, Mass.

**Halcumb Steel Co.** (Crucible) Syracuse, N. Y.

**Hornor W. S. & Co.** (Special Open Hearth Steel Sheets for Ceilings & Stamping Purposes), Oliver bldg, Pittsburgh, Pa.

**Illingsworth Jno. Steel Co.** (Shapes & Bevels), Tacony & Lewis, Philadelphia, Pa. Works: Reading, Pa.

**Inland Steel Co.** (Basic Open Hearth Sheets), First Nat'l Bank bldg, Chicago, Ill.

**Jones & Laughlin Steel Co.** (Hexagons, Squares, Flats, Bars, Rods, etc), Ross, Pittsburgh, Pa.

**Kidd Drawn Steel Co.** (Flats), Aliquippa, Pa.

**Massillon Rolling Mill Co.**, Massillon, O.

**Morris & Bailey Steel Co.** (Sheets, Plates & Strips), State, Pittsburgh, Pa.

**Otis Steel Co.** (Sheets), Cleveland, O.

**Parkersburg Iron & Steel Co.** ("National" Bessemer Sheets), Parkersburg, W. Va.

**Pigott Thos. E.**, 632 Frankford av, Cleveland, O.

**Pittsburgh Cold Rolled Steel Co.**, 39th & P. R. R., Pittsburgh, Pa.

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Pittsburgh Shafting Co. of Detroit, Detroit, Mich.  
 Republic Iron & Steel Co. (Rounds), Youngstown, O.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schwartz Herrmann, 121 Nassau, New York

**STANLEY WORKS** (Strip), New Britain, Conn. *See adv index at end of book*

Stark Rolling Mill Co. (Sheets), Canton, O.  
 Superior Steel Co. (For Stamping, Drawing, etc), Carnegie, Pa.

Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons, Sheets & Shapes, Bessemer, Open Hearth, Crucible, Cold Die Rolled Steel), Beaver Falls, Pa.

**WARD'S EDGAR T. SONS**, 44-54 Farnsworth, Boston, Mass.

*See adv index at end of book*

Washburn Wire Co. (Rounds, Squares & Flats), Phillipsdale, R. I., & 118th & Harlem River, N. Y.

West Leechburg Steel Co. (Hot & Cold Rolled Strip), Farmers' Bank bldg, Pittsburgh, Pa. Works: Leechburg, Pa.

West Penn Steel Co. (Open Hearth Sheets), Brackenridge, Pa.

Western Reserve Steel Co. (Pickled & Cold Rolled Sheets), Warren, O.

**WETHERELL BROS. CO.**, 31 Oliver, Boston, Mass. *See adv index at end of book*

Wheelock, Lovejoy & Co. (Sheets, Hot & Cold Rolled, Sales Agents), 23 Cliff, New York

Wood Alan Iron & Steel Co. ("A. W.") Sheets), Widener bldg, Philadelphia, Pa.

Worcester Pressed Steel Co., Worcester, Mass.

#### 14212—\*Steel (Cold Rolled Sheet & Strip)

**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York  
*See adv index at end of book*

#### 14213—Steel (Cold Rolled Strip)

American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.

American Steel & Wire Co., 208 S La Salle, Chicago, Ill. *See adv index at end of book*

American Tube & Stamping Co., Bridgeport, Conn.

Athenia Steel Co., 135 William, New York

Carpenter Steel Co. (Crucible Spring), Reading, Pa.

Central Steel & Wire Co. (For Blanking, Drawing & Stamping), 127 N Peoria, Chicago, Ill.

Columbia Steel Co. (Flats in Widths From 1/2 to 20 inches; In All Gauges From Very Thin to 3-8th inch thick), Elyria, O.

Crowley John A. Co., 120 Liberty, New York

Crucible Steel Co. of America, Oliver bldg., Pittsburgh, Pa.

**DICKEY STEEL CO. THE**, 233 B'way, New York

Disston Henry & Sons, Tacony, Phila., Pa.

Elliott-Blair Steel Co. (Fine Bright Dead Soft for Sewing Machines, Typewriter, Bicycle Parts, etc), New Castle, Pa.

Griffin Mfg. Co., Erie, Pa.

Miller & Van Winkle, 20 Bridge, Brooklyn, N. Y.

Morris & Bailey Steel Co., Slate, Pittsburgh, Pa.

Pigott Thos. E., 632 Frankford av, Cleveland, O.

Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.

Pittsburgh Shafting Co., of Detroit, Detroit, Mich.

**RYERSON JOS. T. & SON**, 2558 W 16th, Chicago, Ill., 2208 N 2d, St. Louis, Mo., 30 Church, New York, 726 Ford bldg, Detroit, Mich.

Stanford Steel Products Co., Milford, Conn.

**STANLEY WORKS**, New Britain, Conn. *See adv index at end of book*

Superior Steel Co. (For Stamping & Drawing, etc), Carnegie, Pa.

Walker W. J. Steel Co., 1722 Columbus rd, Cleveland, O.

West Leechburg Steel Co. (For Blanking, Stamping & Drawing), Farmers' Bank bldg, Pittsburgh, Pa.

**WETHERELL BROS. CO.**, 31 Oliver, Boston, Mass. *See adv index at end of book*

Wheelock, Lovejoy & Co. (For Blanking & Drawing, Sales Agents), 23 Cliff, New York

Worcester Pressed Steel Co., Worcester, Mass.

#### 14213a—\*Steel (Cold Rolled Strip Flat Wire)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

#### 14214—Steel (Copper Clad)

Standard Underground Cable Co., Pittsburgh, Pa.

#### Steel (Corrugated)

*See Iron & Steel, Corrugated*

#### 14215—Steel Crucible)

For Crucible Steel Castings, see Castings, Steel, with the Word Crucible Following Their Name

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.

Atlas Crucible Steel Co. ("Loco" High Speed Steels, "Atlas" Tampering Steels, Ingots which will be Hammered into Bars, Squares, Rounds, Flats, Octagons, Hexagons, etc., for Tools, Drills, Lathes, Dies, etc), Dunkirk, N. Y.

Bethlehem Steel Co. (Forgings, Self-Hardening & Carbon Tool Steel Billets, Shafting, Engine Cranks, Forged Armor Plate, etc), South Bethlehem, Pa.

Braeburn Steel Co. (Bar & Tools, Rolled & Forged), Braeburn, Pa.

Brown & Co. (Tool Steel), 10th & Duquesne way, Pittsburgh, Pa.

Carpenter Steel Co. (Tool Steel for Files, Cutlery, Dies, Wire, etc), Reading, Pa.

Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.

Chrome Steel Works (Chrome Steel Plates, Angles, Bars, etc), Chrome, N. J.

Colonial Steel Co. ("Colonial" High Speed, Carbon & Special Steel Tools of All Kinds Hammered & Rolled Bars, Plates, Sheets, Forgings, etc), 324 4th av, Pittsburgh, Pa.

Columbia Tool Steel Co. (Rolled & Hammered), 552 W Lake, Chicago, Heights, Ill.

Crucible Steel Co. of America (Hammered & Rolled Tool, Die, Agricultural, Plow, Saw, Spring, Cutlery, Plate, Cold

Drawn Sheet, Shear Steel & Finest Quality of Tool Steel), Oliver bldg, Pittsburgh, Pa.

Cyclops Steel Co. (High Speed & Carbon), 120 B'way, New York

**DICKEY STEEL CO. THE**, 233 B'way, New York

Disston Henry & Sons (Bar Tool, Cold Roll Bands, Engravers Plates, Flat Wire & Special Steel), Tacony, Phila., Pa.

Farist Steel Co. (Rolled & Hammered, All Kinds), Bridgeport, Conn.

Firth-Sterling Steel Co. ("Blue Chip" Fine Tool Steel), McKeesport, Pa.

**FRASSE PETER A. & CO. (INC.)** (High Speed Tool Steel), 417 Canal, New York. Works: Hartford, Conn.

*See adv index at end of book*

Halcomb Steel Co. ("Ketos" Finest Quality of Tool Steel, Hammered & Rolled Bars, Sheets & Forgings), Syracuse, N. Y.

Heller Bros. Co. (Clay Crucible Cast Steel), 879 Mt. Prospect av, Newark, N. J.

Hussey-Binns Steel Co. ("Husybins" Sheet Steel & Bar), 223 4th av, Pittsburgh, Pa.

Illingworth Jno. Steel Co. (Hammered & Rolled Bars & Sheets for Tools, Saws, Knives, Files, etc), Tacony & Lewis, Phila., Pa.

Imperial Steel Range Co. (Nickel, Chrome & Tungsten Machinery Steel), 2900 Detroit av, Cleveland, O.

**JESSOP STEEL CO.** (Sheet & Saw Steel, etc.), 91 John, New York. Works: Washington, Pa.

**JESSOP WM. & SONS (INC.)**, ("Jessop's" Best Carbon Tool), 91 John, New York *See adv index at end of book*

Kaufman Emanuel, Farmers Bank bldg., Pittsburgh, Pa.

McInnes Steel Co. (Ltd.) ("McInnes" Crucible Tool Steel, High & Speed & "Cello" Vanadium, Oil Hardening Steel), Corry, Pa.

Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.

*See adv index at end of book*

Midvale Steel Co. (Hammered & Forged), Phila., Pa.

Patriarche & Bell (Jobbers), 215 Pearl, New York

Rossell Hy. ("Victory," Tool Steel Made in England), 24 S Jefferson, Chicago, Ill.

**SIMOND MFG. CO.**, Steel Dept. (Saw Plate & Sheet), Lockport, N. Y.

*See adv index at end of book*

Syracuse Crucible Steel Co. (Tool Steel), Syracuse, N. Y.

Titusville Forge Co. ("Tico" Die Blocks), Titusville, Pa.

Vulcan Crucible Steel Co. (High Grade Tool & Rolled & Forged Products), Alliquippa, Pa.

Wardlow S. & C., 278 Pearl, New York

Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book*

**14216—Steel (Crushed)**

(For Sawing, Grinding & Polishing Granite, Stone, Glass, Brick, etc.)

Harrison Supply Co., 5 Dorchester av, Boston, Mass.

Pittsburgh Crushed Steel Co. (Ltd.), 61st & A. B. R. R., Pittsburgh, Pa.

**14216a—\*Steel (Cutlery)**

**WETHERELL BROS. CO.**, 31 Oliver, Boston, Mass. *See adv index at end of book*

## COLD ROLLED STRIP STEEL

Strips—Sheets—Plates

For Stamping and Deep Drawing

New England Agents for Morris & Bailey Steel Co.

**WETHERELL BROS. CO.**

**31 Oliver St., Boston, Mass.**



**14216b—\*Steel (Electric, Engine Bolt)**

Old Dominion Iron & Nail Wks. Co. ("Extra"), Belle Isle, Richmond, Va.

**14217—Steel (Electric Furnace)**

Apollo Electric Steel Co., Apollo, Pa.  
Carpenter Steel Co., Reading, Pa.  
Crowley John A. Co. ("Arrow"), 120 Liberty, New York  
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
Electric Steel Co., W 31st & S Wood, Chicago, Ill.  
Electro Steel Co., Curry bldg, Pittsburgh, Pa.  
Halcomb Steel Co., Syracuse, N. Y.  
Harrow Spring Co., 1st Nat'l Bank Bldg, Milwaukee, Wis.  
Hess Steel Corp., Baltimore, Md.  
Illinois Steel Co., 208 S La Salle, Chicago, Ill.  
Latrobe Electric Steel Co., Latrobe, Pa.  
Ludlum Steel Co., Watervliet, N. Y.  
Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.  
Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.  
United Alloy Steel Corp., Canton, O.

**Steel (Electrical)**

See Iron & Steel Sheet, Electrical

**14218— Steel (Emery)**

(For Grinding & Rubbing Glass, Marble, etc; also for Grinding in Valves, Steam & Air Joints)  
Pittsburgh Crushed Steel Co. (Ltd.), 61st & A. B. R. R., Pittsburgh, Pa.

**14219— Steel Eye Bar Flats**

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
Witherow Steel Co., Keystone bldg, Pittsburgh, Pa.

**14220—Steel Factory Equipment**

See also Specific Article Wanted

Allsteelquip Co., Aurora, Ill.  
Angle Steel Stool Co., Otsego, Mich.  
Arnold S. G. ("Guttman"), 2619 W Vanburen, Chicago, Ill.  
Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
Clark W. J. Co., Salem, O.  
Cleveland Wire Spring Co., Cleveland, O.  
Crown Metal Construction Co. (Steel Storage Shelving), Jamestown, N. Y.  
Davis & Sherer Co., 226 S Ludlow, Dayton, O.  
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
Durand Steel Locker Co., 1435 Ft. Dearborn Bk. bldg, Chicago, Ill.  
Fire-Proof Furniture & Construction Co., Miamisburg, O.  
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
Lyon Metallic Mfg. Co. ("Lyon"), Aurora, Ill.  
Manufacturing Equipment & Engineering Co. ("Mecco") Locker, Wash Bowls, Drinking Fountains, Stock & Pattern Racks, Stools, Chairs, etc.), 136 Federal, Boston, Mass. Works: Framingham, Mass.  
Medart Fred. Mfg. Co. (Lockers, Steel Shelving, Racks of all Kinds & Sizes, Book Stacks, Catalogue Cabinets, etc), De Kalb & Potomac, St. Louis, Mo.  
See adv index at end of book  
New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.  
Ohio Mfg. Co. (Barrels, Boxes, Kegs, Pails, Pans, Spittons Stools etc), Painesville, O.  
See adv index at end of book  
**SNEAD & CO. IRON WORKS (INC.)**, 93 Pine, Jersey City, N. J.  
See adv index at end of book  
Terrell's Equipment Co. (Bins, Shelving, Trucks, Lockers, Racks, etc), B'way, Grand Rapids, Mich.  
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.  
Vonnegut Machinery Co., Indianapolis, Ind.  
Watson Mfg. Co. (Filing Cabinets, Racks Shelving, etc), Jamestown, N. Y.

Wilson Andrew Co. (Lockers, Shelving, Tables, Pans, Cans, etc.), 616 Essex, Lawrence, Mass.  
See adv index at end of book

**14221-2—Steel (File & Rasp)**

Bethlehem Steel Co. S Bethlehem, Pa.  
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
Farist Steel Co., Bridgeport, Conn.  
Midvale Steel Co., Phila., Pa.  
Philadelphia Steel & Forge Co., 50 Church, New York

**Steel Filing Equipment**

See Filing Cabinets & Devices

**14223—Steel Fire Box Plate**

Carbon Steel Co. (Open Hearth), ft 32d, Pittsburgh, Pa.  
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
Central Iron & Steel Co., Harrisburg, Pa.  
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
Lukens Steel Co. (Open Hearth), Coatesville, Pa.  
Otis Steel Co. (Open Hearth), Cleveland, Ohio  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

**Steel Floor Plate**

See Plates, Floor, Iron & Steel

**14224— Steel Hardening**

Biddle W. S. Co., 1411 E 45th, Cleveland, O.  
Bliss E. C. Mfg. Co. (High Speed Steel), 73 Page, Providence, R. I.  
Bridgeport Metal Treating Co. (High Speed Steel a Specialty), Bridgeport, Conn.  
Cary Spring Works, 240 W 29th, New York  
Century Steel Co. of America (Oil), 120 B'way, New York  
European Color & Chemical Co., 154 Nassau, New York  
Frasse Peter A. & Co. Inc., 417 Canal, New York. Works: Hartford, Conn.  
See adv index at end of book  
National Cycle & Mfg. Co., Bay City, Mich.  
New England Annealing & Tool Co. (Carbon & High Speed Steel), 74 K, S Boston, Mass.  
Scott C. U., Davenport, Ia.  
Sier-Bath Co., 142 W 54th, New York  
Steel Improvement & Forge Co. (Infuso), Cleveland, O.  
Trethewey Sam'l & Co. (Ltd.), 57th st, Pittsburgh, Pa.  
Worcester Pressed Steel Co., Worcester, Mass.

When writing to firms whose names appear in this book please mention

**HENDRICKS' COMMERCIAL REGISTER.**

**14225—Steel (High Carbon)**

Bethlehem Steel Co. (Tool, etc), South Bethlehem, Pa.  
Carbon Steel Co., ft 32nd, Pittsburgh, Pa.  
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.  
Columbia Tool Steel Co., 552 W Lake, Chicago Heights, Ill.  
Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
Cyclops Steel Co., 120 B'way, New York  
Eckels-Nye Steel Co., Syracuse, N. Y.

**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York. Works: Hartford, Conn. See adv index at end of book  
Halcomb Steel Co., Syracuse, N. Y.  
Indiana Rolling Mill Co. (Sheets), New Castle, Ind.  
Interstate Iron & Steel Co., 1st Nat'l Bank bldg, Chicago, Ill.  
See adv index at end of book  
Ludlum Steel Co. ("Pompton," "Elba"), Watervliet, N. Y.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Sweets Steel Co. (Bars, Ingots, etc), Williamsport, Pa.  
Vulcan Crucible Steel Co., Aliquippa, Pa.  
Warren Iron & Steel Co. (Sheets & Shovel Plate, etc), Warren, O.  
Wetherell Bros. Co., 31 Oliver, Boston, Mass. See adv index at end of book  
Wheelock, Lovejoy & Co. (For Springs, Saws, Buckles, etc) (Sales Agents), 23 Cliff, New York

**14226— Steel (High Speed)**

Firms marked with a (\*) star are either Jobbers or Importers; all others are Manufacturers

See also Steel Importers

\*Allen Edgar & Co. (Ltd.) ("Allen," Air Hardening, "Allen's Imperial"), 718 W. Lake, Chicago, Ill.  
\*Andrew Jno. Henry & Co. (Ltd.), ("Tolledo," Sheffield, Eng.), 26 Cortlandt, New York  
Apex Steel Corp., 50 Church, New York  
Atlas Crucible Steel Co. ("Loco," Crucible), Dunkirk, N. Y.  
\*Becker Steel Co. of America (Becker Cobalt and Modern High Speed Steel), 90 West, New York  
Bethlehem Steel Co. ("Bethlehem," Special Tool), South Bethlehem, Pa.  
Boerder Process Steel Co., Woodhill & Hazelwood, Cleveland, O.  
\*Boker H. & Co. ("Novo," "Superior" Imported), 101 Duane, New York  
\*Bourne-Fuller Co. ("Scott's I X L"), Hickox bldg, Cleveland, O.  
Braeburn Steel Co., Braeburn, Pa.  
Carpenter Steel Co., Reading, Pa.  
Central Steel Co. ("Agathon" Bars, Billets & Slabs), Massillon, O.  
\*Central Steel & Wire Co., 127 N Peoria, Chicago, Ill.  
Century Steel Co. of Am., 120 B'way, New York  
Colonial Steel Co. (Bars, Plates or Sheets), 324 4th av, Pittsburgh, Pa.  
Columbia Tool Steel Co. ("Columbia," "Special"), 552 W Lake, Chicago Heights, Ill.  
Crowley John A. Co. ("Arrow"), 120 Liberty, New York  
Crucible Steel Co. of America ("Champion" High Speed, "Rex A. A. A." & "Rex A. A." "Rex A"), Oliver bldg, Pittsburgh, Pa.  
Cyclops Steel Co. ("Burgess"), 120 B'way, New York  
**DICKEY STEEL CO. THE**, 233 B'way, New York  
Disston Hy. & Sons, Tacony, Phila., Pa.  
\*Eaton H. B. & Co., ("Weco") 144 Pearl, Boston, Mass.  
Electro Steel Co. (Electric Furnace Steel), Curry bldg, Pittsburgh, Pa.  
Firth-Sterling Steel Co. (Blue Chips), McKeesport, Pa.  
\*FRASSE PETER A. & CO. (INC.), 417 Canal, New York. Works: Hartford, Conn. See adv index at end of book  
Halcomb Steel Co. ("Dreadnought," Crucible), Syracuse, N. Y.  
\*Harvey Arthur C. Co., 374 Congress, Boston, Mass.  
\*Hawkrige Brothers Company (Dreadnought), 303 Congress, Boston, Mass.  
Heller Bros. Co. ("Heller's," Alloy High-Speed Tool Steel), Mt. Prospect av, Newark, N. J.  
\*Hobson-Houghton & Co. (Ltd.), ("Albion" Imp.), 82 Beekman, New York  
\*Houghton & Richards (Jobbers), 145 Oliver, Boston, Mass.  
Illingworth Jno. Steel Co. ("Argo"), Tacony & Lewis, Philadelphia, Pa.  
**INGERSOLL-RAND CO.** ("I-R," Swedish drill steel), 11 B'way, New York  
See adv index at end of book  
\*International High Speed Steel Co. ("Bulldog," Swedish), 99 Nassau, New York



# JESSOP'S BEST CARBON STEEL —AND— "ARK" HIGH SPEED STEEL FOR DIES AND HIGH GRADE TOOLS

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**Jones B. M. & Co. Inc.** ("Mushet," Imported), 141 Milk, Boston, Mass.  
**\*Krefeld Steel Co. (Imp.)**, 50 Church, New York  
**Latrobe Electric Steel Co.** ("Electric"), Latrobe, Pa.  
**Lindenberg Steel Co.** ("Lindenberg" Tool Steel), 90 West, New York  
**Ludlum Steel Co.** ("Mohawk"), Watervliet, N. Y.  
**McInnes Steel Co. (Ltd.)**, ("McInnes," Vanadium & Cobalt High Speed), Corry, Pa.  
**Midvale Steel Co.**, Phila., Pa.  
**\*Morris E. K. & Co.** (Cold Drawn & Cold Rolled Strip Steel, Jobbers & Importers), 317 W 2nd, Cincinnati, O.  
**\*Nash Geo. Co.** ("Capital"), 304 Hudson, New York  
**\*Phillips F. R. & Sons Co.** ("Velos," Imported), Penna. bldg., Phila., Pa.  
**\*Potts Horace T. & Co.** ("Rekford," Superior), 318 N 3d, Phila., Pa.  
**\*Rossell Henry** ("Victory," Made in Sheffield, England), 24 S Jefferson, Chicago, Ill.  
**Ryerson Jos. T. & Son**, 2558 W 16th, Chicago, Ill.  
**\*Stauffer, Eshleman & Co. (Ltd.)** ("Arrow," Swedish Electro), 511 Canal, New Orleans, La.  
**\*Strong Homer**, Rochester, N. Y.  
**\*Swedish Iron & Steel Corp.** ("Sisco Excelsior"), 12 Platt, New York  
**Vanadium-Alloys Steel Co.** ("Vasco Non-Shrinkable," "Vasco Choice," "Vasco Vanadium," Carbon Tool Steel, "Vasco Marvel" Semi High Speed Steel, "Vasco Special," "Vasco Electric," "Vasco Latrobe" Alloy Tool Steel), 1st av & Ross, Pittsburgh, Pa.  
**Vulcan Crucible Steel Co.**, ("Wolfram") Alliquippa, Pa.  
**\*WARD'S EDGAR T. SONS** ("Ultra Capital," New Water Hardening), 44-54 Farnsworth, Boston, Mass.  
*See adv index at end of book*

**Wetherell Bros. Co.**, 31 Oliver, Boston, Mass. *See adv index at end of book.*  
**\*Wheelock, Lovejoy & Co. (Sales Agents)**, 23 Cliff, New York. & Boston, Mass.

### Steel (Hoop)

See Iron & Steel Band & Hoop

### 14227—Steel (Hot Rolled Strip)

**American Tube & Stamping Co.** (Hoop & Bar), Bridgeport, Conn.  
**Carpenter Steel Co.** (Crucible Steels & Wires), Reading, Pa.  
**Disston Hy. & Sons**, Tacony, Phila., Pa.  
**Elliott-Blair Steel Co.**, New Castle, Pa.  
**HARRISBURG PIPE & PIPE BENDING CO.**, (For Stamping), Harrisburg, Pa.  
**LACLEDE STEEL CO.**, Federal Reserve Bk. bldg, St. Louis, Mo.; Works: Alton, Ill.  
**Merchant & Evans Co.**, 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
**Philadelphia Steel & Forge Co.**, 50 Church, New York  
**Ryerson Jos. T. & Son**, 2558 W 16th, Chicago, Ill.  
**Superior Steel Co.** (For Stamping & Drawing, etc), Pittsburgh, Pa. Works: Carnegie, Pa.  
**West Leechburg Steel Co.** (For Blanking, Stamping & Drawing), Farmers' Bk. bldg, Pittsburgh, Pa.  
**Wheelock, Lovejoy & Co.** (For Blanking & Deep Drawing. Also Sheets, Sales Agents), 23 Cliff, New York  
**Worcester Pressed Steel Co.**, Worcester, Mass.

### 14227a—Steel Imitation Brick & Rock Face Siding

See also Roofing & Siding, Iron & Steel  
**American Sheet & Tin Plate Co.**, Frick bldg, Pittsburgh, Pa.  
**Berger Mfg. Co.**, Canton, O.  
**Brier Hill Steel Co.**, Youngstown, O.  
**Cambridge Roofing Co.**, Cambridge, O.

**Canton Metal Ceiling Co.** ("Art Kraft"), Canton, O.  
**Chattanooga Roofing & Fdy. Co.**, Chattanooga, Tenn.  
**De Forest Sheet & Tin Plate Co.**, Niles, O.  
**Dickelman Mfg. Co.**, Forest, O.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
**Eller Mfg. Co.**, Canton, O.  
**Florida Metal Products Co.**, Jacksonville, Fla.  
**Garry Iron & Steel Co.**, Niles, O.  
**Globe Iron Roofing & Corrugating Co.**, Newport, Ky.  
**Horner W. S. & Co.**, Oliver bldg, Pittsburgh, Pa.  
**Inland Steel Co.**, 1st Nat'l Bk. bldg, Chicago, Ill.  
**Kanneberg Roofing & Ceiling Co.**, Canton, O.  
**Mesker Bros. Iron Co.**, 421 S 6th, St. Louis, Mo.  
**Mesker Geo. L. & Co.**, Evansville, Ind.  
**Messenger & Parks Mfg. Co.** (Steel Brick Siding), Aurora, Ill.  
**Milwaukee Corrugating Co.**, Milwaukee, Wis.  
**Moeschl-Edwards Corrugating Co.**, Covington, Ky.  
**New Orleans Roofing & Metal Co.**, Cortez & Orleans, New Orleans, La.  
**Newport Rolling Mill Co.**, Newport, Ky.  
**Penn Metal Ceiling & Roofing Co. (Ltd.)**, 23d & Hamilton, Phila., Pa.  
**Porter Iron Roofing & Corrugating Co.**, 522 Culvert, Cincinnati, O.  
**Reeves Mfg. Co.**, Dover, O.  
**St. Paul Roofing, Cornice & Ornament Co.**, West St. Paul, Minn.  
**Scott Roofing & Mfg. Co.**, 408 Culvert, Cincinnati, O.  
**Seneca Iron & Steel Co.** (Steel Brick Only), Buffalo, N. Y.  
**Souther E. E. Iron Co.**, Klenlin & Hamburger, St. Louis, Mo.  
**Stark Rolling Mill Co.**, Canton, Ohio  
**Sykes Co.**, 930 W 19th pl, Chicago, Ill.  
**Trumbull Steel Co.**, Warren, O.  
**Whitaker-Glessner Co.** (Wheeling Corrugating Dept.), Wheeling, W. Va.



**14228— Steel Importers**

Allen Edgar & Co. (Ltd.), ("Edgar Allen," Tool Steel, etc.), 718 W Lake, Chicago, Ill.

Apex Steel Corp. (Importers, High Carbon "Apex Extra," "Apex O. N. S."), 50 Church, New York

Becker Steel Co. of America (Becker Cobalt & Modern High Speed Steel, Wolfram High Grade Tool Steels, Balls & Ball Bearing Steel), 90 West, New York

Boker H. & Co., (The Sir Joseph Jonas, Culver & Co. (Ltd.) Tool Steel, Drill Rods, Needle Wire, Hot & Cold Rolled Sheet Steel, Steel for Wagon, Clock and Other Springss, Steel & Crucible Wire Rods, etc.), 101 Duane, New York

Brown-Wales Co. (Refined Iron, Bars, Angles, Tees, Plates, Structures, Material Steel Balls & Mechanical Tubing), 489 C, Boston, Mass.

Burrows Thos C., 17 Burling Slip, New York

Dana & Co., 111 B'way, New York

Darwin & Milner ("A. B. C." High Speed & Alloy), 281 Water, New York

Eaton H. B. & Co. ("Weco" & Carbon Tool Steel, etc.), 144 Pearl, Boston, Mass.

Harvey Arthur C. Co. (Norway & Swedish Iron & Steel), 374 Congress, Boston, Mass.

Hawkrige Brothers Co., 303 Congress, Boston, Mass.

Hidalgo Steel Co., 253 B'way, New York

Hobson-Houghton & Co. (Tool Steel, Needle Wire, Bright Drill Rods, "Sodo" Self-Hardening Steel, etc), 83 Beekman, New York

Houghton & Richards ("Styrian" Tool Steel & "Low Moor" & "Farnley" Iron), 145 Oliver, Boston, Mass.

Ingersoll-Rand Co. ("I-R" Swedish Drill Steel), 11 B'way, New York  
*See adv index at end of book*

International High-Speed Steel Co ("Bulldog," "Swedish"), 99 Nassau, New York

**JESSOP WM. & SONS (INC.)**, (Bars, Sheets & Plates, "Jessop's" Best Carbon Tool Steel & Jessop's "Ark" High Speed Steel), 91 John, New York  
*See adv index at end of book*

Jones B. M. & Co. Inc. ("Mushet" High Speed Steel; Special Steel; "Titanic" Steel, "Ajax" Tool Steel, "Osborn's" High Speed Steel Twist Drills & Milling Cutter Blanks, Best "Yorkshire" Iron, Round, Square, Flat & Hexagon Bars), 141 Milk, Boston, Mass.

Krefeld Steel Co. (Crucible & Alloy Steels), 50 Church, New York

**LEAVITT C. W. & CO.** (Iron & Steel Bars & Shapes), 34 Church, New York  
*See adv index at end of book*

Lindenberg Steel Co. ("Lindberg" Electro-Carbon High Speed Steel, Chrome Nickel & Magnet Steel), 90 West, New York

Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.  
*See adv index at end of book*

Milne A. & Co. (Norway Iron & Steel, Blooms, Billets, Bars, Wire, Rivet & Nail Rods, etc), 741 Washington, New York

Milnor & Goodman ("Excelsior High Speed," "Excelsior Superior"), 17 Bridge, New York

Nash Geo. Co. ("Capital" High Speed Self-Hardening & Tool Steel), 304 Hudson, New York

Naylor & Co., 120 B'way, New York

Newkirk Jno. B. & Co. (Structural Shapes, Bars, Sheets, etc.), 1502 Market, Phila., Pa.

Page-Newell & Co., 93 Broad, Boston, Mass.

Patriarche & Bell (Jobbers), 215 Pearl, New York

Phillips F. R. & Sons Co. ("Velos" High Speed Tool), Penna. bldg, Phila., Pa.

Potts Horace T. & Co. (Bars, Angles, Tees, Slabs, Beams, Channels, Billets, Blooms, Sheet Bars, etc), 318 N 3d, Phila., Pa.

Prosser Thos. & Son (Amer. Office of Fred'k Krupp), 15 Gold, New York

Stauffer, Eshleman & Co. (Ltd.) ("Arrow" Brand, High Speed), 511 Canal, New Orleans, La.

Swedish Iron & Steel Corp. ("Sisco Excelsior," High Speed, "Sisco" Hollow Drill, 12 Platt, New York

Todd John H. L., 50 Broad, New York

Victor Steel Co., 50 Broad, New York

Wardlow S. & C. (Tool Steel, Cast & Double Sheet Steel, Cutlery Steel, Steel for Watches & Other Springs, etc.), 278 Pearl, New York

Ward's Edgar T. Sons, 44-45 Farnsworth, Boston, Mass.  
*See adv index at end of book*

Wetherell Bros. Co. (Kayser, Ellison & Co., Ltd.) (Bar, Sheet & Wire), 31 Oliver, Boston, Mass.  
*See adv index at end of book*

Wheelock, Lovejoy & Co., 23 Cliff, New York

Wilckes J. Co. ("Sandviken" Swedish High Carbon Tempered & Polished Steel), 135 William, New York

**14228a— Steel Inspection**

Hunt Rob't W. & Co., 175 Jackson blvd, Chicago, Ill.

**14229— Steel (Jail Bar)**

Alloy Steel Forging Co., Carnegie, Pa.

Colonial Steel Co. (5 Ply), 324 4th av, Pittsburgh, Pa.

**14230—Steel (Locomotive Boiler)**

Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.

Central Iron & Steel Co. (Open Hearth Steel), Harrisburg, Pa.

Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.

Illinois Steel Co., 208 S Lasalle, Chicago, Ill.

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

Lukens Steel Co., Coatesville, Pa.

Worth Bros. Co., Coatesville, Pa.

**14231— Steel (Magnet)**

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.

Atlas Crucible Steel Co. ("Atlas" Crucible), Dunkirk, N. Y.

Boker H. & Co. (Imp.), 101 Duane, New York

Crowley John A. Co., 120 Liberty, New York

Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.

Cyclops Steel Co., 120 B'way, New York

Halcumb Steel Co., Syracuse, N. Y.

Harrow Spring Co., Milwaukee, Wis.

Hess Steel Corp., Penn R. R. & E av, Baltimore, Md.

Krefeld Steel Co. (Imp.), 50 Church, New York

Philadelphia Steel & Forge Co., 50 Church, New York

Wetherell Bros. Co., 31 Oliver, Boston, Mass.  
*See adv index at end of book*

**Steel (Manganese)**

*See Castings, Manganese Steel*

**14232—\*Steel Mine & Mill Buildings (Constructors of)**

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*

Milliken Bros., 111 B'way, New York

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

**14233— Steel (Nickel)**

Allen Edgar & Co. (Ltd.) (Chrome Nickel & Nickel, Imp.), 718 W Lake, Chicago, Ill.

Andrews Steel Co., Newport, Ky.

Becker Steel Co. of America (Imp., Also Nickel Chrome & Nickel Tungsten), 90 West, New York

Bethlehem Steel Co., South Bethlehem, Pa.

Boker H. & Co. (Importers), 101 Duane, New York

Carbon Steel Co., ft 32nd, Pittsburgh, Pa.

Carnegie Steel Co., Carnegie bldg., Pittsburgh, Pa.

Central Steel Co. ("Agathor" Bars, Billets & Slabs), Massillon, O.

Century Steel Co. of America, 120 B'way, New York

Colonial Steel Co. (Bars, Plates & Sheets), 324 4th av, Pittsburgh, Pa.

Crowley John A. Co., 120 Liberty, New York

Crucible Steel Company of America (Re-rolled, etc), Oliver bldg, Pittsburgh, Pa.

Cyclops Steel Works, Titusville, Pa.

**DICKEY STEEL CO. THE** (Nickel, Chrome Nickel & Chrome Vanadium), 233 B'way, New York

Electrical Alloy Co. (Ribbon, Sheets & Wire), Morristown, N. J.

Electro Steel Co. (Electric Furnace & Chrome Nickel), Curry bldg, Pittsburgh, Pa.

**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York; Works: Hartford, Conn.  
*See adv index at end of book.*

Hammond Steel & Forging Co., Solvay, N. Y.

Harrow Spring Co., Milwaukee, Wis.

Hess Steel Corp. (Also Chrome Nickel Steel), Penn R. R. & E av, Baltimore, Md.

Mesta Machine Co., (Castings, Forgings, etc.), Pittsburgh, Pa.  
*See adv index at end of book*

Midvale Steel Co., Phila., Pa.

Philadelphia Steel & Forge Co., 50 Church, New York

Pittsburgh Tool Steel Wire Co. (Drawn for Shafts, Axles, Bolts, etc.), Monaca, Pa.

United Alloy Steel Corp. (Billets, Slabs & Merchant Bars), Canton, O.

Wyoming Shovel Works (Also Nickel Chrome), Wyoming, Pa.

**14234— Steel (Non-Magnetic)**

Alloy Steel Forging Co., Carnegie, Pa.

**Steel Pipe**

*See Pipe & Tube Mills*

**Steel Plate**

*See Iron & Steel Boiler & Tank Plate; also Steel Fire Box Plate*

**14235— Steel Plate Work**

Allentown Boiler Works, Allentown, Pa.

American Iron Works, Louisville, Ky.

Atlantic Works, 80 Border, East Boston, Mass.

**ATLAS ENGINEERING CO.**, Amherst, O.  
*See adv index at end of book*

Baltimore Dry Dock & Ship Bldg Co., Locust Point, Baltimore, Md.

Bass Foundry & Machine Co., Fort Wayne, Ind.

Beckley Perforating Co. (Light), Garwood, N. J.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*

Brennan John & Co., 24th & M. C. R. R., Detroit, Mich.

Bryan E. A. Co., 156th & Halsted, Chicago, Ill.

Buckeye Boiler Co., Dayton, O.

Casey-Hedges Co., Chattanooga, Tenn.

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*

Coatesville Boiler Works, Coatesville, Pa.

Cole R. D. Mfg. Co., Newman, Ga.

Columbiana Boiler Co., Columbiana, O.

Connellsville Iron Works, Connellsville, Pa.

Connelly D. Boiler Co., Cleveland, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
Works: Bridgeton, N. J.

Cruse-Kemper Co., Ambler, Pa.

Daly M. J. & Sons, Waterbury, Conn.

**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J.  
*See adv index at end of book.*

Drake-Williams-Mount Co., Omaha, Neb.

Duff Patents Co., Frick bldg, Pittsburgh, Pa.

East End Boiler Works, 13 St. Aubin av, Detroit, Mich.

Ervien Chas. W. & Co., Venango & G, Phila., Pa.

Geis & Bichler, St. Joseph, Mo.

Graver Wm. Tank Works, East Chicago, Ind.

**HAMMOND IRON WORKS**, Warren, Pa.  
*See adv index at end of book*

Hartley Boiler Works, Montgomery, Ala.

Heggie James G. & Sons, Joliet, Ill.

Heggie W., Joliet, Ill.



Hibben & Co., 9376 Ewing av, Chicago, Ill.  
 Hodge Boiler Works, 99 Sumner, E Boston, Mass.  
 Holmes Robt. & Bros. Danville, Ill.  
 Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.  
 Iowa Steel & Iron Works, Cedar Rapids, Ia.  
 Ironton Punch & Shear Co., Ironton, O.  
 Jackson & Church Co., Saginaw, Mich.  
 Johnston Bros., Ferrysburg, Mich.  
 Kansas City Structural Steel Co., Kansas City, Mo.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittee Boiler & Tank Co. (Inc.), Canton, Ohio  
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.  
 Lacy Mfg. Co. (Of Any Description), Los Angeles, Cal.  
 Lancaster Iron Works, Lancaster, Pa.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Leslie Elliott & Co., Paterson, N. J.  
 Lindsay W. W. & Co., Harrison bldg, Philadelphia, Pa.  
 Logan Iron Works, 54 Commercial, Brooklyn, N. Y.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 McDermott Engineering Co., Allentown, Pa.  
 McNeil Jas. & Bro. Co., Pittsburgh, Pa.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Meehan Boiler & Const. Co., Lowellville, Ohio  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Meyer Otto C. & Co., 30 Franklin, Brooklyn, N. Y.  
 Michellmann Steel Construction Co., Quincy, Ill.  
 Mitchell-Tappen Co., 17 John, New York  
 Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.  
 Murray Iron Works Co., Burlington, Ia.  
 Nashville Bridge Co., Nashville, Tenn.  
 National Boiler & Sheet Iron Works, Indianapolis, Ind.  
 New England Iron Works Co., Summer, Boston, Mass.  
 Novelty Steam Boiler Works (Tripplett & Jennings, Props.), 917 S Howard, Baltimore, Md.  
 Oil City Boiler Works, Oil City, Pa.  
 Penna. Engineering Wks., New Castle, Pa.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Petty J. K. & Co. (Lebanon Boiler Works), Stephen Girard bldg, Phila., Pa.  
 Phoenix Iron Works Co., Meadville, Pa.  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pollock Wm. B. Co., Youngstown, O.  
 Puget Sound Boiler Works, Seattle, Wash.  
 Quaker City Iron Works, Tioga & Edgemont, Philadelphia, Pa.  
 Renneburg E. & Sons Co., 2639 Boston, Baltimore, Md.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Riter-Conley Co., Pittsburgh, Pa.  
 Roberts Iron Works Co., Cambridge, Mass.

Rock Island Bridge & Iron Works, Rock Island, Ill.  
 Ruemmell-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Russell Daniel Boiler Works, 93 Boston, Boston, Mass.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Scannell Boiler Works, Lowell, Mass.  
 Schofield's J. S. Sons Co., Macon, Ga.  
**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del. *See adv index at end of book*  
 Smith Samuel & Son Co., Paterson, N. J.  
 Southern Boiler & Tank Wks. Co., Memphis, Tenn.  
 Speirs Bros., New London, Conn.  
 Sprenger Joseph & Sons, Detroit, Mich.  
 Springfield Boiler Co., Springfield, Ill.  
 Stacey Mfg. Co., Township av & Big 4 R. R., Cincinnati, O.  
 Standard Boiler & Plate Iron Co., Niles, O.  
 Struthers-Wells Co. (Riveted & Welded for Oil Refineries, Sugar Refineries, Soap Factories, Wood Alcohol & Turpentine Plants), Warren, Pa.  
*See adv index at end of book*  
 Tippet & Wood, Phillipsburg, N. J.  
 Titusville Iron Co., Titusville, Pa.  
 Tofte Boiler & Sheet Iron Works, Houston, Texas  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Tulsa Boiler & Machny. Co., Tulsa, Okla.  
**TURL IRON & CAR CO. (INC.), THE**, 50 Broad, New York. Works: Newburgh, N. Y.  
 Twin City Boiler & Sheet Iron Works, Bristol, Va.  
 Union Iron Works, Hoboken, N. J.  
 United Boiler Heating & Foundry Co., Hammond, Ind.  
 Utica Steam Engine & Boiler Works, Utica, N. Y.  
 Variety Iron & Steel Works Co., Cleveland, Ohio  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.  
 Warren City Tank & Boiler Co., Warren, O.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind.  
*See adv index at end of book*  
 Western Iron & Foundry Co., Wichita, Kans.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wetherill Robt. & Co., Chester, Pa.  
 Wholey Boiler Works, 95 Whipple, Providence, R. I.  
 Wilson Steam Boiler Co., Omaha, Neb.

#### Steel Plates & Heads (Sheared)

See Boiler Heads, Flanged & Dished

#### 14236—Steel Plates & Sheets

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.  
 Alloy Steel Forging Co., Carnegie, Pa.  
**AMERICAN STEEL & WIRE CO.**, (Bessemer & Open Hearth) 208 S La Salle, Chicago, Ill. *See adv index at end of book*

American Tube & Stamping Co., Bridgeport, Conn.  
 Crucible Steel Co. of America (Special Quality of Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.  
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
 Inland Steel Co. (Light Open Hearth), 1st National Bank bldg, Chicago, Ill.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 La Belle Iron Works (No. 30 & Heavier), Steubenville, O.  
 Lukens Steel Co. (Open Hearth, Plates Only), Coatesville, Pa.  
 Massillon Rolling Mill Co., Massillon, O.  
 Ohio Corrugating Co., Warren, O.  
*See adv index at end of book*  
 Otis Steel Co. (Open-Hearth Steel Plates & Sheets), Cleveland, O.  
 Republic Iron & Steel Co. (Open Hearth, Soft & Hard Merchants, Plates Only), Youngstown, O.  
 Ryerson Jos. T. & Son, 2553 W 16th, Chicago, Ill.  
 Taylor N. & G. Co., Mariners & Merchants bldg, Phila., Pa.  
 Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.  
 West Penn Steel Co., Brackenridge, Pa.  
**WETHERELL BROS CO.** (Carbon Steel), 31 Oliver, Boston, Mass.  
*See adv index at end of book*  
 Whitaker-Glessner Co. (Light & Heavy Sheets), Wheeling, W. Va.  
 Wood Alan Iron & Steel Co. ("A. W.", Iron & Steel, Flue & Plate), Widener bldg, Phila., Pa.  
 Worth Bros. Co. (Iron & Steel), Coatesville, Pa.

#### Steel (Plow)

See Steel, Agricultural Implement

#### 14237—Steel (Powder Keg)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.  
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
 Wood J. & Bros. Co., Conshohocken, Pa.

#### 14238—Steel (Pressed)

See also Pressed Steel Specialties

**BOSSERT CORPORATION (THE)**, (Joints, Universal Pressed Steel Ball Joints, Joint Housings), Utica, N. Y.  
**BOSTON PRESSED METAL CO.**, 169 Union, Worcester, Mass.  
*See adv index at end of book*  
**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
**GEUDER, PAESCHKE & FREY CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.  
 Worcester Pressed Steel Co. (Bearings, Fittings & Specialties), Worcester, Mass.

When writing to firms listed in this Book please mention

# Hendricks' Commercial Register

IT WILL BE OF MUTUAL BENEFIT



# Cold Drawn Screw Stock and Shafting

## AGENTS FOR FITZIMMONS CO.

*Warehouse Stock at Boston*

**WETHERELL BROS. CO. 31 Oliver St., Boston, Mass.**

### Steel Rails

See Rail Mills, Iron & Steel

### 14239—Steel (Range Boiler)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.  
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
 Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.

### Steel Ribs & Lagging

See Centering, Steel

### Steel Roofing

See Roofing & Siding, Iron & Steel

### 14240—Steel (Safe & Vault)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Colonial Steel Co. (5 Ply), 324 4th av, Pittsburgh, Pa.

### 14241—Steel (Saw)

Colonial Steel Co., 324 4th av, Pittsburgh, Pa.  
 Kaufman Emanuel, Farmers Bank bldg, Pittsburgh, Pa.

### 14242—Steel Screw Stock

AMERICAN STEEL & WIRE CO. (Free Cutting), 203 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Columbia Steel & Shafting Co., Pittsburgh, Pa.

Frasse Peter A. & Co. Inc., 417 Canal, New York; Works: Hartford, Conn.  
*See adv index at end of book*

Pittsburgh Shafting Co. of Detroit (Cold Rolled), Detroit, Mich.  
 STANDARD GAUGE STEEL CO. (Cold Drawn Steel), Beaver Falls, Pa.  
*See adv index at end of book*

Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa.

WETHERELL BROS. CO., 31 Oliver, Boston, Mass.  
*See adv index at end of book*

### 14243—Steel (Self-Hardening)

Firms marked with a (\*) Star are either Jobbers or Importers

Atlas Crucible Steel Co. ("Atlas" Crucible Tempering), Dunkirk, N. Y.  
 Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.

Columbia Tool Steel Co., 552 W Lake, Chicago Heights, Ill.

Crucible Steel Co. of America ("Park's"), Oliver bldg, Pittsburgh, Pa.

Cyclops Steel Works, Titusville, Pa.

Firth-Sterling Co., McKeesport, Pa.

FRASSE PETER A. & CO. (INC.), 417 Canal, New York; Works: Hartford, Conn. *See adv index at end of book*

\*Harvey Arthur C. Co., 374 Congress, Boston, Mass.

\*Hobson-Houghton & Co. (Ltd.) ("Soho" Imp.), 83 Beekman, New York. Works: Sheffield, England

\*Houghton & Richards, 145 Oliver, Boston, Mass.

Illingworth Jno. Steel Co., Tacony & Lewis, Phila., Pa.

\*JESSOP WM. & SONS (INC.) (Imp.), 91 John, New York

*See adv index at end of book*

\*Jones B. M. & Co. Inc. ("Mushet"), 141 Milk, Boston, Mass.

Midvale Steel Co. ("Midvale"), Phila., Pa.  
 \*Rossell Henry ("Invanhoe," Made in Sheffield, England), 24 S Jefferson, Chicago, Ill.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Vulcan Crucible Steel Co., Aliquippa, Pa.

### 14244—\*Steel Shapes

See also Steel Structural Mills

## THE NATIONAL DRAWN STEEL COMPANY

*Producers of all grades of Cold Drawn Steel*  
**EAST LIVERPOOL, OHIO**  
 (Pittsburgh District)

WARD'S EDGAR T. SONS, 44-54 Farnsworth, Boston, Mass.  
*See adv index at end of book*

### 14244a—\*Steel Shapes (Pressed)

INTERIOR METAL MFG. CO., Jamestown, N. Y.  
*See adv index at end of book*

### Steel Sheet

See Iron & Steel Sheet, Black & Galvanized

### 14245—Steel Sheet Bars

Allegheny Steel Co. (Open Hearth), Oliver bldg, Pittsburgh, Pa.

American Steel Co., Park bldg, Pittsburgh, Pa.

Andrews Steel Co. (Open Hearth), Newport, Ky.

Ashland Steel Co. (Bessemer Steel Sheet), Ashland, Ky.

Cambria Steel Co., Widener bldg, Phila., Pa.

Carnegie Steel Co. (Bessemer & Open Hearth), Carnegie bldg, Pittsburgh, Pa.

Central Steel Co. ("Agathon," Bars, Billets and Slabs), Massillon, O.

Follansbee Bros. Co. (Open Hearth), Pittsburgh, Pa.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

HARRISBURG PIPE & PIPE BENDING CO. (Open Hearth), Harrisburg, Pa.

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

La Belle Iron Works (Open Hearth), Steubenville, O.

Lackawanna Steel Co. (Open Hearth, Bessemer), Buffalo, N. Y.

Pigott Thos. E., 632 Frankford av, Cleveland, O.

Reeves Mfg. Co., Dover, Ohio

Republic Iron & Steel Co. (Open Hearth & Bessemer), Youngstown, O.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Sharon Steel Hoop Co. (Open Hearth), Sharon, Pa.

Taylor N. & G. Co. (Light, Open Hearth), Mariner & Merchants' bldg, Phila., Pa.

United Alloy Steel Corp. (Open Hearth), Canton, O.

West Penn Steel Co., Brackenridge, Pa.

Youngstown Sheet & Tube Co. (Soft Bessemer; also Iron), Youngstown, O.

### 14246—\*Steel Sheet Blanking & Forming

BOSTON PRESSED METAL CO., 169 Union, Worcester, Mass.

*See adv index at end of book*

### 14247—Steel Sheet Plates

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Massillon Rolling Mill Co., Massillon, O.

### 14248—Steel Sheets (Aluminum Coated)

Wilder Metal Coating & Mfg. Co. (Also Iron), Connellsville, Pa.

### 14249—Steel Sheets (Blue Annealed)

Andrews Steel Co. Newport, Ky.

Berger Mfg. Co., Canton, O.

De Forest Sheet & Tin Plate Co., Niles, O.

Follansbee Bros. Co., Pittsburgh, Pa.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Inland Steel Co. (Open Hearth), First Nat'l Bank bldg, Chicago, Ill.

Judson Mfg. Co., 819 Folsom, San Francisco, Cal.

La Belle Iron Works (Open-Hearth Steel Plates, 3-16 to 18 Gauge), Steubenville, O.

MERCHANT & EVANS CO., 2035 Washington av, Phila., Pa.

*See adv index at end of book*

Ohio Corrugating Co., Warren, O.

*See adv index at end of book*

Otis Steel Co., 3441 Jennings rd, Cleveland, O.

Parkersburg Iron & Steel Co., Parkersburg, W. Va.

Phillips Sheet & Tin Plate Co., Weirton, W. Va.

Reeves Mfg. Co., Dover, Ohio

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Seneca Iron & Steel Co., Buffalo, N. Y.

Sharon Steel Hoop Co. (Basic Open Hearth), Youngstown, O.

Stark Rolling Mill Co. (Open Hearth Steel), Canton, O.

Trumbull Steel Co., Warren, O.

Western Reserve Steel Co. ("Wresco"), Warren, O.

Whitaker-Glessner Co. (8 to 16 Gauges, Up to 54 inches), Wheeling, W. Va.

Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.

Wood J. & Bros. Co., Conshohocken, Pa.

14250—Steel Sheets (Box Annealed)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

Inland Steel Co., First Nat'l. Bank bldg, Chicago, Ill.

La Belle Iron Works, Steubenville, O.

McCullough Iron Co., Equitable bldg, Wilmington, Del.

Massillon Rolling Mill Co., Massillon, Ohio

Otis Steel Co., Cleveland, O.

Reeves Mfg. Co., Dover, Ohio

Seneca Iron & Steel Co., Buffalo, N. Y.

Sharon Steel Hoop Co. (Basic Open-Hearth), Youngstown, O.



Stark Rolling Mill Co., Canton, O.  
Trumbull Steel Co., Warren, O.  
Whitaker-Glessner Co., Wheeling, W. Va.

#### 14251-2—Steel Sheets (Buggy Bow)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.  
Canton Sheet Steel Co., Canton, O.  
Follansbee Bros. Co., Pittsburgh, Pa.  
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
Mansfield Sheet & Tin Plate Co., Mansfield, O.  
Massillon Rolling Mill Co., Massillon, Ohio  
Reeves Mfg. Co., Dover, Ohio  
Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.  
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.  
Western Reserve Steel Co. ("Wresco"), Warren, O.  
Whitaker-Glessner Co. ("Black"), Wheeling, W. Va.

#### Steel Sheets (Cold Rolled)

See Firms in Steel, Cold Rolled, with word "Sheets" following their names

#### 14253—Steel Sheets (Copper Bearing)

Whitaker-Glessner Co. (Ohio Metal), Wheeling, W. Va.

#### 14254—Steel Sheets (Enameled)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

#### 14254a—Steel Sheets for Shovels, Saws, Hoes, Springs, Etc.

American Sheet & Tin Plate Co. (Shovels, Hoes, etc), Frick bldg, Pittsburgh, Pa.  
Kaufman Emanuel, Farmers Bank bldg, Pittsburgh, Pa.  
Reeves Mfg. Co., Dover, Ohio  
Rowland Wm. & Harvey, Tacony & Lewis, Phila., Pa.  
**WETHERELL BROS. CO.**, 31 Oliver, Boston, Mass.  
*See adv index at end of book*

#### Steel Sheets for Stamped Ware

See Iron & Steel Sheet, Black & Galvanized

#### Steel Sheets (Galvanized)

See Iron & Steel Sheet, Black & Galvanized

#### 14255—Steel Sheets (Impervious Coated)

Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

#### 14256—Steel Sheets ("Lohmanized")

Brier Hill Steel Co., Youngstown, O.  
De Forest Sheet & Tin Plate Co. (Non-Corrosive), Niles, O.

#### 14257—Steel Sheets (Pickled)

Allegheny Steel Co. (Cold Rolled), Oliver bldg, Pittsburgh, Pa.  
American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.  
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
Inland Steel Co., First Nat'l Bank bldg, Chicago, Ill.  
Liberty Steel Co., Warren, O.  
Mansfield Sheet & Tin Plate Co., Mansfield, O.  
Massillon Rolling Mill Co., Massillon, O.  
Otis Steel Co., 3441 Jennings rd, Cleveland, O.  
Reeves Mfg. Co., Dover, Ohio  
Seneca Iron & Steel Co. (For Sheet Metal Stampings, etc), Buffalo, N. Y.  
Stark Rolling Mill Co., Canton, O.  
Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.  
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.  
Western Reserve Steel Co. ("Wresco"), Warren, O.

Wood Alan Iron & Steel Co. ("A. W."), Widener bldg, Phila., Pa.  
Wood J. & Bros. Co., Conshohocken, Pa.

#### 14258—Steel Sheets (Planished & Polished)

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.  
Carnahan Tin Plate & Sheet Co. (Polished), Canton, O.  
Follansbee Bros. Co., Pittsburgh, Pa.  
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
Mansfield Sheet & Tin Plate Co. (Polished Only), Mansfield, O.  
Massillon Rolling Mill Co. (Polished, also for Stove Purposes), Massillon, O.  
**MERCHANT & EVANS CO.**, 2035 Washington av., Phila., Pa.  
*See adv index at end of book*

#### Ohio Corrugating Co., Warren, O.

*See adv index at end of book*  
Phillips Sheet & Tin Plate Co. (Polished), Weirton, W. Va.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Taylor N. & G. Co., Mariner & Merchant bldg, Phila., Pa.  
Whitaker-Glessner Co. (Wheeling Corrugating Dept.) ("Crescent"), Wheeling, W. Va.

#### 14259-60—Steel Sheets (Re-Annealed)

Massillon Rolling Mill Co., Massillon, Ohio  
Reeves Mfg. Co., Dover, Ohio  
Stark Rolling Mill Co., Canton, O.  
West Penn Steel Co. (Open Hearth), Brackenridge, Pa.

#### 14261-2—Steel Shovel Plate

De Forest Sheet & Tin Plate Co., Niles, O.  
**HARRISBURG PIPE & PIPE BENDING CO.**, Harrisburg, Pa.  
Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
Indiana Rolling Mill Co. (High Carbon Sheet Steel for Shovel Plate, Grain Drill & Harrow Discs, etc), New Castle, Ind.  
Kaufman Emanuel, Farmers Bank bldg., Pittsburgh, Pa.  
La Belle Iron Works, Steubenville, O.  
Lessig Geo. B. Co., Pottstown, Pa.  
Tremont Nail Co., West Wareham, Mass.  
Wyoming Shovel Works, Wyoming, Pa.

#### Steel Skelp

See Iron & Steel Skelp

#### Steel Slabs

See Billets, Blooms & Slabs, Steel

#### 14263—Steel (Soft)

Cambria Steel Co. (Bars, Plates & Shapes), Widener bldg, Phila., Pa.  
Canton Sheet Steel Co. ("Winir" Open-Hearth Extra Soft Sheets), Canton, O.  
Carbon Steel Co., ft. 32nd, Pittsburgh, Pa.  
Central Steel Co. ("Agathon" Bars, Billets and Slabs), Massillon, O.  
Columbia Steel & Shafting Co. (Hot & Cold Rolled Strip for Stamping, Drawing, etc), Pittsburgh, Pa. Works: Carnegie, Pa.  
Crucible Steel Co. of America ("Diamond," Soft Center Plow, etc), Oliver bldg, Pittsburgh, Pa.  
Elliott-Blair Steel Co. (Bright Dead for Sewing Machine, Typewriter & Bicycle Parts, etc), New Castle, Pa.  
Interstate Iron & Steel Co. (Flats, etc) 1st Nat. Bank bldg, Chicago, Ill.  
*See adv index at end of book*  
Lockhart Iron & Steel Co. (In Bars, Hexagons & Grooved, etc), Pittsburgh, Pa.  
Midvale Steel Co. (For Screw Machine Work, etc), Phila., Pa.  
Moline Plow Co. ("Flying Dutchman" "Acme" Soft Center Plow), Moline, Ill.  
New England Drawn Steel Co. (Screw & Shafting), Mansfield, Mass.  
Pardee C. Works (Open Hearth), Perth Amboy, N. J.  
Parkersburg Iron & Steel Co. ("National" Bessemer Sheets Re-Annealed), Parkersburg, W. Va.

Republic Iron & Steel Co. (Open Hearth), Youngstown, O.  
Rockaway Rolling Mill (Bar), Rockaway, N. J.  
Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
Superior Steel Co. (Hot & Cold Rolled Hard & Soft for Stamping & Drawing), Carnegie, Pa.  
Sweets Steel Co. (Open Hearth), Williamsport, Pa.  
Taylor N. & G. Co., Mariners & Merchants bldg, Phila., Pa.  
Union Rolling Mill Co. (Bars, etc), Cleveland, O.  
United Alloy Steel Corp. (Merchant Bars), Canton, O.  
Wood Alan Iron & Steel Co. (Blue Annealed Sheets & Special Soft Steel for Deep Stamping & Drawing), Widener bldg, Phila., Pa.  
Wood J. & Bros. Co. (Sheets), Conshohocken, Pa.

#### 14264—Steel (Spring)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*  
American Tube & Stamping Co., Bridgeport, Conn.  
Athenia Steel Co. (Tempered & Polished for Clock, Watch, Motor & Typewriter Springs), 135 William, New York  
Bethlehem Steel Co. (Open Hearth), South Bethlehem, Pa.  
Braeburn Steel Co., Braeburn, Pa.  
Cambria Steel Co. ("Enduria" & "Resilia"), Widener bldg, Phila., Pa.  
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
Central Steel Co. ("Agathon," Bars, Billets & Slabs), Massillon, Ohio  
Columbia Steel Co. (Cold Rolled), Elyria, O.  
Crowley John A. Co., 120 Liberty, New York  
Crucible Steel Co. of America (Crucible Open Hearth), Oliver bldg, Pittsburgh, Pa.  
Farist Steel Co. (Open Hearth & Crucible), Bridgeport, Conn.  
**FRASSE PETER A. & CO.** (Inc.), 417 Canal, New York; Works: Hartford, Conn. *See adv index at end of book*  
Harrow Spring Co. (Milled Bars & Rods), Milwaukee, Wis. Works: Kalamazoo, Mich.  
Inland Steel Co. (Open-Hearth), First Nat'l Bank bldg, Chicago, Ill.  
Judson Mfg. Co. (Crucible & Open Hearth), 819 Folsom, San Francisco, Cal.  
Merchant & Evans Co., 2035 Washington av., Phila., Pa.  
*See adv index at end of book*  
Midvale Steel Co., Phila., Pa.  
Patriarche & Bell (Jobbers), 215 Pearl, New York  
Philadelphia Steel & Forge Co., 50 Church, New York  
Pigott Thos. E., 632 Frankford av, Cleveland, O.  
Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.  
Railway Steel Spring Co. ("Open Hearth"), 30 Church, New York  
Republic Iron & Steel Co., Youngstown, O.

When writing to firms  
whose names appear  
in this book please  
mention

**HENDRICKS'  
COMMERCIAL  
REGISTER.**



Sweets Steel Co. (Open Hearth), Williamsport, Pa.  
 United Alloy Steel Corp., Canton, O.  
 Vulcan Crucible Steel Co., Aliquippa, Pa.  
**WARD'S EDGAR T. SONS**, 44-54 Farnsworth, Boston, Mass.  
*See adv index at end of book*  
 Wetherell Bros. Co. (Sheet), 31 Oliver, Boston, Mass. *See adv index at end of book.*  
 Wyoming Shovel Works (Open-Hearth & Crucible), Wyoming, Pa.

### Steel Stacks

See Stacks, Steel; also Chimneys, Steel

### 14265— Steel Strips (Stamping, Pickled)

**HARRISBURG PIPE & PIPE BENDING CO.**, Harrisburg, Pa.

### 14266—Steel Structural Dealers

Allen W. H., Jr., 110 State, Boston, Mass.  
 Austin & Doten, 102 North, Boston, Mass.  
 Bacon & Co., 107 Oliver, Boston, Mass.  
 Baily, R. M. & Co., Commercial Trust bldg, Phila., Pa.  
 Balfour, Guthrie & Co., San Francisco, Cal.  
 Belmont Iron Works, 22d & Wash av, Phila., Pa.  
 Blodgett & Clapp Co., Hartford, Conn.  
 Brooks T. H. & Co., Cleveland, O.  
 Brown-Wales Co., 489 C, Boston, Mass.  
 Bourne-Fuller Co., Hickox bldg, Cleveland, O.  
 Castle A. M. & Co., 1300 N Branch, Chicago, Ill.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Christopher & Simpson Iron Works Co., 9th & Park av, St. Louis, Mo.  
 Cooke Jno. K. & Son, Athenia, N. J.  
 Davenport Machine & Foundry Co., Davenport, Ia.  
 Davies Jno. J. & Co., 20th & Clearfield, Phila., Pa.  
 Decatur Cornice & Roofing Co., New Decatur, Ala.  
 De Cou Richard Co., 12th & Noble, Phila., Pa.  
 Dietrich Bros., Pleasant & Davis, Baltimore, Md.  
 Eichley John, Jr., Co., 20th & Wharton, Pittsburgh, Pa.  
 Faitoute Iron & Steel Co., 180 Frelinghuysen av, Newark, N. J.  
 Froment & Co., 150 Bank, New York  
 Goldberg J. & Son. (Second Hand), 1737 Charlotte, Kansas City, Mo.  
 Guerber Engineering Co., Bethlehem, Pa.  
 Harrington-Robinson & Co., 45 Bromfield, Boston, Mass.  
 Harvey Arthur C. Co., 374 Congress, Boston, Mass.  
 Hitner's Henry A. Sons Co., Huntington & Aramingo av, Phila., Pa.  
 Hofius Steel & Equipment Co., Seattle, Wash.  
 Holliday W. J. & Co., Indianapolis, Ind.  
 Houdlette Fred A. & Son, 93 Broad, Boston, Mass.  
 Houston C. B. & Co., Franklin Bank bldg, Phila., Pa.  
 Hurwitz Bros. Iron & Metal Co., Syracuse, N. Y.  
 International Steel & Iron Co., Evansville, Ind.  
 Jamestown Construction Co., Jamestown, N. Y.  
 Judson Mfg. Co., 819 Folsom, San Francisco, Cal.  
 Lehigh Structural Steel Co., Allentown, Pa.  
 Kansas City Structural Steel Co., Kansas City, Mo.  
 Kent Iron & Steel Corp., 40 S 8th, Brooklyn, N. Y.

Kratzer W. N. & Co., 3212 Smallman, Pittsburgh, Pa.  
 Lackawanna Bridge Co., Buffalo, N. Y.  
 Lehigh Structural Steel Co., Allentown, Pa.  
 Lindsay James G & Co, Commercial Trust bldg, Phila., Pa.  
 Lindsay W. W. & Co., Harrison bldg, Phila., Pa.  
 Lockwood Arthur J., 260 West, New York  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Mesker Geo. L. Co., Evansville, Ind.  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Morris Wheeler & Co., 1608 Market, Phila., Pa.  
 Morse & Son Co., 1881 E 87th, Cleveland, O.  
 Mt. Carmel Iron Works, Mt. Carmel, Pa.  
 Muncie Ornamental Iron Works, Muncie, Ind.  
 Newkirk John B. & Co., 1502 Market, Phila., Pa.  
 Noble Electric Steel Co., 995 Market, San Francisco, Cal.  
 Northwest Steel Co., ft. of Sheridan, Portland, Ore.  
 Ogden & Wallace, 577 Greenwich, New York  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Providence Steel & Iron Co., Kinsley av, Providence, R. I.  
 Republic Structural Iron Works Co., E 53d & Lakeside av, Cleveland, O.  
 Richmond Structural Steel Co., 18th & Dock, Richmond, Va.  
 Rieseck Iron Works, 1201 Metropolitan, Pittsburgh, Pa.  
 Russel Wheel & Foundry Co., Detroit, Mich.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Schreiber L & Sons Co., 3869 Ivanhoe, Cincinnati, O.  
 Scully Steel & Iron Co, 2364 S Ashland av, Chicago, Ill.  
 Shafer W. B. Co., 303 5th av, New York  
 Smith Samuel Machine Co., Lawrence, Mass.  
 Southern Foundry Co. (Beams Cut & Punched), Owensboro, Ky.  
 Speddy T. H. & Co., 85 2nd, San Francisco, Cal.  
 Spencer Geo. G., 332 S La Salle, Chicago, Ill.  
 Thomson W. H. & Co., Land Title bldg, Phila., Pa.  
 Toy W. M. & Co., 10 E Shelby, Sidney, Ohio  
 Tulsa Boiler & Machy. Co., Tulsa, Okla.  
 Turl Iron & Car Co., Newburgh, N. Y.  
 Union Foundry Works, 38 S Dearborn, Chicago, Ill.  
 Vanderlip H. E. & Co., 19 S La Salle, Chicago, Ill.  
 Vandustucken-Ewing Construction Co, Bethlehem, Pa.  
 Walsh's Sons & Co. (I Beams, etc), Newark, N. J.  
 West Side Structural Co., Troy, N. Y.  
 Worden-Allen Co., P. O. Box 528, Milwaukee, Wis.

### 14267—Steel Structural Mills

\*Indicates Mills that Fit Structural Work  
 †Indicates Mills that Roll I Beams

\*†American Bridge Co. (Open Hearth Steel Angles, Beams, Deck Beams, Channels Tees, Zees, etc), Frick bldg, Pittsburgh, Pa.  
 American Tube & Stamping Co. (Small Steel Angles, Channels, Tees, etc), Bridgeport, Conn.

†Bethlehem Steel Co. (Bessemer & Open Hearth Angles, Beams, Channels, Tees & Special Wide Flanged Rolled Beams & Girders), South Bethlehem, Pa.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Buffalo Steel Co. (Bessemer Steel Angles, Channels, Tees, etc), Tonawanda, N. Y.  
 Calumet Steel Co. (Bessemer Steel Angles, Channels, Tees, Channel Flats & Small I Beams), 208 S La Salle, Chicago, Ill.  
 \*†Cambria Steel Co. (Bessemer & Open Hearth Steel Angles, Beams, Girders, Channels, Tees, etc), Widener bldg, Phila., Pa.  
 †Carnegie Steel Co. (Bessemer & Open Hearth Steel Angles, Beams, Girders, Channels, Tees, Zees, etc), Carnegie bldg., Pittsburgh, Pa.  
 Central Iron & Steel Co. (Universal Bridge & Structural Plates), Harrisburg, Pa.  
 Chrome Steel Works (Chrome Steel Angles 3, 4, 6 & 8 inch), Chrome, N. J.  
 Davis Bros. (Small Even Leg Iron Angles, 12 to 1 inch), 29th & Bristol, Philadelphia, Pa.  
 \*†Eastern Steel Co. (Open Hearth Steel Angles, Beams, Channels, Tees, etc), Pottsville, Pa.  
 Ft. Wayne Rolling Mill Corp. (Small Channels for Fire Escapes, Fences, etc), Ft. Wayne, Ind.  
 Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 Glasgow Iron Co. (Iron & Steel Bridge Plates), Pottstown, Pa.  
 Hirsch Rolling Mill Co. (Iron & Steel Angles & Shapes), Ecoff & Manchester, St. Louis, Mo.  
 \*†Illinois Steel Co. (Bessmer & Open Hearth Steel Angles, Beams, Channels, Tees, etc), 208 S La Salle, Chicago, Ill.  
 Inland Steel Co. (Open Hearth Steel Angles, I Beams, Channels, Zees, etc), 1st Nat. Bank bldg, Chicago, Ill.  
 Interstate Iron & Steel Co. (High Carbon Steel & Iron & Soft Steel Angles, Channels, Tees, etc), 1st Nat'l Bk. bldg, Chicago, Ill. Works: Marion, O.  
*See adv index at end of book*  
 \*†Jones & Laughlin Steel Co. (Angles, Beams, Channels, Tees, etc), Ross, Pittsburgh, Pa.  
 Judson Mfg. Co. (Structural & Agricultural Shapes), 819 Folsom, San Francisco, Cal.  
 Kawner Mfg. Co. (Iron & Steel Cold Drawn Channels), Niles, Mich.  
 \*†Lackawanna Steel Co. (Bessemer & Open Hearth Angles, Beams, Channels, Tees, etc), Buffalo, N. Y.  
 Lockhart Iron & Steel Co. (Bridge Iron & Iron & Steel Angles & Channels), Pittsburgh, Pa.  
 Logan Iron & Steel Co. (Bridge Iron & Angles), Burnham, Pa.  
 Lukens Steel Co. (Open Hearth Steel Ship & Bridge Plate), Coatesville, Pa.  
 Ohio Falls Iron Co. (Small Iron, Angles, Tees & Channels), New Albany, Ind.  
 Penna. Brake Beam Co. (Deck & I Beams, Brake Beams, etc), Danville, Pa.  
 \*†Phoenix Iron Co. (Open Hearth Steel Angles, Beams, Channels, Tees, etc), 410 Walnut, Philadelphia, Pa. Works: Phoenixville, Pa.  
 Red Oak Bridge & Iron Works, Red Oak, Ia.  
 Republic Iron & Steel Co. (Light Steel Angle & Channels; also Open Hearth Steel Angles), Oliver bldg, Pittsburgh, Pa.  
 Tennessee Coal, Iron & R. R. Co. (Open Hearth Steel Angles, Channels, Tees, etc), Birmingham, Ala.  
 Union Rolling Mill Co. (Bridge Iron), Cleveland, O.  
 Woodman Andrew W. & Co., West De Pere, Wis.

# TOOL AND SPRING STEEL STRIPS

1400 sizes on hand at all times

## Blued, Tempered and Polished

Thickness.....001 to .134 Width.....3-32 to 12"  
 Suitable for springs, saws for metal or wood, etc.

## SEND FOR CATALOGUE AND STOCK-LIST

**EDGAR T. WARD'S SONS,**

## Bright Rolled to be Tempered

Thickness.....002 to .1875 Width.....3" to 5 1/2"  
 Suitable for watch and instrument parts, fine saws, knives or any tools requiring free working stock which will take a high temper.

**44-54 Farnsworth Street**

**BOSTON, MASS.**



Worth Bros. Co. (Steel Plates for Structural & Tank Work), Coatesville, Pa.

## Steel Structural Shapes (Mfrs.)

See Steel Structural Mills

### 14268—Steel Structural Work

Star (\*) indicates Firms who also Build Steel Bridges

#### ALABAMA.

BIRMINGHAM—Schaefer Mfg. Co.  
\*Southern Bridge Co., 3823 Ave A  
MONTGOMERY—Hartley Boiler Works  
Janney & Co.

#### CALIFORNIA.

FRESNO—Burnett J. H. Iron Wks.  
LOS ANGELES—Llewellyn Iron Works  
Mercereau Bridge & Const. Co.  
Security Construction Co.  
MARYSVILLE—Yuba Construction Co.  
SAN DIEGO—California Iron Works  
SAN FRANCISCO—\*Bay City Iron Works,  
1243 Harrison  
Brode Iron Works, 31-37 Hawthorne  
st  
California Artistic Metal & Wire Co.,  
349 7th  
Central Iron Works, 631 Florida  
Dean Constr. Co., 491 10th  
Dyer Bros. Golden West Iron Works,  
17th & Kansas  
\*Healy-Tibbitts Construction Co.  
\*Hyde, Harjes & Co., 110 Market  
Judson Mfg. Co., 819 Folsom  
Mortenson Construction Co., 19th &  
Indiana  
Pacific Structural Iron Works, 370  
10th  
Pioneer Construction Co., 180 Jessie  
Ralston Iron Works, 20th & Indiana  
San Francisco Bridge Co., Nevada  
Bank bldg  
\*Thomson Bridge Co., 103 Main  
Western Iron Works, 141 Beale  
Woods, Huddart & Gunn

#### COLORADO.

COLORADO SPRINGS—Hassell Iron Wks.  
Co.  
DENVER—\*American Bridge Co.  
Browne Iron Works Co.  
Denver Engineering Works Co.  
Queen City Iron & Wire Works Co.  
Verdeckberg Iron & Wire Works Co.,  
1401 Market  
\*Vulcan Iron Works Co., 1400 W Col-  
fax av  
PUEBLO—\*Pueblo Bridge Co.

#### CONNECTICUT.

BERLIN—\*Berlin Construction Co.  
BRIDGEPORT—Bridgeport Boiler Works  
Co.  
LEAKE A. G. ERECTING CO. (Erec-  
tors only)  
Metz Structural Steel Co.  
NEW HAVEN—Farmer Jas. E., 41 Judson  
av  
NEW LONDON—\*Scott T. A. Co.  
WEST HAVEN—\*Adlerhurst Iron Co.

#### DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 11th & G  
N-W  
Jorss A. F., 315 13th, N W  
Schneider's C. A. & Sons, 212 12th

#### GEORGIA.

ATLANTA—Austin Bros.  
Gude & Co.  
\*Virginia Bridge & Iron Co.  
Walker R. M.  
Withers Foundry & Machine Works  
AUGUSTA—\*Lombard Iron Works & Sup-  
ply Co.  
MACON—Schofield's J. S. Sons Co.  
NEWMAN—\*Cole R. D. Mfg. Co.  
SAVANNAH—Kehoe Iron Works  
Steel Products Co., 232 E Broad

#### ILLINOIS.

AURORA—Love Bros.  
BATAVIA—\*Batavia Engineering Works  
(Inc.)  
CHAMPAIGN—Burr Co.

CHICAGO—\*American Bridge Co., W 40th  
& Princeton

Benson Chas. A. & Co., 1801 Fairfield  
av

\*Bernhisel Construction Co., 105 W  
Monroe

Brandes Carl, 1323 Otto

Bryan E. A. Co., 156th & Halsted

\*CHICAGO BRIDGE & IRON WKS.,  
2015 Old Colony bldg

For branch offices see adv index at end of book  
Chicago Iron & Steel Works, 733 Ful-  
ton

\*Continental Bridge Co., Monadnock  
Blk

Dauchy Iron Works, 223 W Illinois

Gage Structural Steel Co., 3141 S  
Hayne av

Hansell-Elcock Co., Archer & Normal  
avs

Heinemann Louis & Son, 1801 Belmont  
av

Holmes, Pyott & Co., 159 N Jefferson

\*Illinois Bridge Co., Monadnock blk

\*Illinois Steel Co., 203 S La Salle

\*Jennet Bridge & Iron Works, 3541  
Shields av

\*Joliet Bridge & Iron Co., 122 S  
Michigan av

\*Kenwood Bridge Co., 1st National  
Bank bldg

Klemp-Simpson Co., 326 W Madison

\*McClintic-Marshall Construction Co.,  
1st National Bank bldg

\*Morava Construction Co., 85th &  
Stewart av

Pratt Henry Co., 2222 S Halsted

Scaar Frank & Co., 1042 W 11th

\*Scherzer Rolling Lift Bridge Co.  
(Rolling Lift Bridges), 1616  
Monadnock blk

Smith F. P. Wire & Iron Wks., Lake  
& Dearborn

See adv index at end of book

STEWART JAS. & CO. (INC.) (Mills  
& Railway Depots), Westminster  
bldg

Strauss Bridge Co., 104 S Michigan  
av

\*Strobel Steel Construction Co., Mon-  
adnock blk

Union Foundry Works, 38 S Dearborn

Vierling Steel Works, 23d & Stewart  
av

\*Wisconsin Bridge & Iron Co., Monad-  
nock blk

DECATUR—\*Decatur Bridge Co.

ELGIN—American Tower & Tank Co.

FREEPORT—\*Shons W. H. (Highway  
Bridges)

JACKSONVILLE—\*Illinois Steel Bridge  
Co.

MURPHYSBORO—\*Southern Illinois Ma-  
chine & Foundry Co.

PEORIA—Lucas A. & Sons, 1329 S Wash-  
ington

PEOTONE—Continental Bridge Co.

PERU—Brunner Foundry & Mfg. Co.

QUINCY—\*Michelmann Steel Construction  
Co.

ROCK ISLAND—\*Rock Island Bridge &  
Iron Works

#### INDIANA.

BUTLER—Butler Co. (Substructures)

COLUMBUS—\*Caldwell & Drake Iron  
Works

EAST CHICAGO—Graver Wm. Tank Wks.

ELKHART—\*Elkhart Bridge & Iron Co.

EVANSVILLE—International Steel & Iron  
Co.

Mesker Geo. L. & Co.

FORT WAYNE—Engineering Co.

Fort Wayne Foundry & Machine Co.

Meier-Wiese Co.

HAMMOND—Hammond Machine & Forge  
Works

INDIANAPOLIS—\*Central States Bridge  
Co., 601 Beecher

LAFAYETTE—\*Lafayette Engineering Co.

Wallace Machine & Foundry Co. (Also  
Castings)

MARION—Western Drop Forge Co., P. O.  
Box 386. See adv index at end of book.

MUNCIE—\*Indiana Bridge Co.

NEW CASTLE—\*Pan-American Bridge  
Co.

ROCHESTER—\*Rochester Bridge Co.

SOUTH BEND—Meyer Foundry & Machine  
Co.

VINCENNES—\*Vincennes Bridge Co.

#### IOWA.

BURLINGTON—Murray Iron Works Co.

CEDAR RAPIDS—\*Iowa Steel & Iron  
Works

CLINTON—\*Clinton Bridge Works

DAVENPORT—Davenport Machine &  
Foundry Co.

\*PITTSBURGH-DES MOINES STEEL  
CO., 9th & Tuttle

See adv index at end of book

DES MOINES—\*Des Moines Structural  
Steel Works

\*Federal Bridge Co.

\*Iowa Bridge Co.

\*Stark N. M. & Co.

DUBUQUE—Voggenthaler E. J. Co.

KEOKUK—Keokuk Hydraulic Tire Setter  
Co.

MUSCATINE—Niver Iron Works Co.

OSKALOOSA—\*Seever's Mfg. Co.

OTTUMWA—\*Ottumwa Box Car Loader  
Co. (Steel Structure of All Kinds)

#### KANSAS.

GALENA—Galena Foundry & Machine Co.

LEAVENWORTH—\*Leavenworth Bridge  
Co. (Bridges Only)

Missouri Valley Bridge & Iron Co.  
(Bridges Only)

TOPEKA—\*Capital Iron Works Co.

\*Topeka Bridge & Iron Co.

WICHITA—Christopher Geo. C. & Son

\*Western Iron & Foundry Co.

#### KENTUCKY.

LOUISVILLE—Grainger & Co.

\*Louisville Bridge & Iron Co.

\*Snead Architectural Iron Works

#### LOUISIANA.

NEW ORLEANS—Bedell Structural Steel  
Works

Grimm H. F., Hennen Annes

STEWART JAS. & CO. (INC.) (Mills  
& Railway Depots), Hibernia  
Bank bldg

Sutton Foundry & Structural Steel  
Works, 2001 Rosseau

#### MAINE.

BANGOR—Union Iron Works

PORTLAND—Fletcher & Crowell Co.

Megquier & Jones Co.

#### MARYLAND.

BALTIMORE—Armstrong & Parker, Bath  
& North

\*Bartlett, Hayward Co., Scott & Mc-  
Henry

\*Chesapeake Iron Works, Westport

Dietrich Bros., cor Pleasant & Davis

Patapsco Iron Works, Ostend & Wi-  
comico

#### MASSACHUSETTS.

BOSTON—\*American Bridge Co., 120  
Franklin

\*Boston Bridge Works, 47 Winter

Eastman H. T. & Co., East Cam-  
bridge

Ham L. M. Co., 158 Portland

Harrington-Robinson & Co., 45 Brom-  
field

\*New England Structural Co., 110  
State

\*Penna. Steel Co., 141 Milk

Phoenix Iron Co., 110 State

Simpson Eugene A., 88 Broad

Smith & Lovett Co., 135 Tyler

Tucker Edw. A. Co., 683 Atlantic av

CAMBRIDGE—Babcock Davis Corp.

CHELSEA—Smith A. L. Iron Works

EVERETT—New England Bolt Co.

\*New England Structural Co.

New England Tank & Tower Co.

HOLYOKE—Haarmann G. & Co.

Walsh's Holyoke Steam Boiler Wks.

SPRINGFIELD—Davitt Iron Foundry

Springfield Foundry Co.

Springfield Iron Works

\*Walsh's Boiler & Iron Works

WORCESTER—Eastern Bridge & Struc-  
tural Co., 88 Cushing

**When writing to firms listed  
in this book please, mention  
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**EASTERN BRIDGE & STRUCTURAL CO.**Steel and Iron Work for Bridges  
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**MICHIGAN.**

**BAY CITY**—MacKINNON BOILER & MACHINE CO., 218 N Water  
*See adv index at end of book*  
**CHARLOTTE**—\*Beach Mfg. Co.  
**DETROIT**—\*American Bridge Co.  
Amos Chas. & Co., 640 Hart av  
De Croupet Iron Works, 345 Monroe av  
\*Detroit Bridge & Iron Works, Rouge river  
Lewis Henry B., Ferry av & G. T. Ry  
National Iron Works  
Rohns Albert & Co.  
Russel Wheel & Foundry Co.  
\*Whitehead & Kales Iron Works  
**KALAMAZOO**—Kalamazoo Foundry & Machine Co.  
**LANSING**—Jarvis Engine & Machine Works  
\*Michigan Bridge & Pipe Co.  
**MARQUETTE**—\*Lake Shore Engine Works  
**SAGINAW**—Jackson & Church Co.  
Wickes Boiler Co., Siginau, Mich.

**MINNESOTA.**

**ALBERT LEA**—Veness J. W.  
**MINNEAPOLIS**—\*American Bridge Co., 629 2nd S E  
\*Crown Iron Works Co., 1229 Tyler  
\*Great Northern Bridge Co., Lumber Exch.  
Hennepin Bridge Co., 968 Laurel  
\*Minneapolis Bridge Co., Metropolitan Life bldg  
\*Minneapolis Steel & Machinery Co., 29th & Drexel  
\*Security Bridge Co. 36th & Hiawatha av  
**ST. PAUL**—Herzog Iron Works  
\***ST. PAUL FOUNDRY CO.**, Como av & Mackubin  
*See adv index at end of book*

**MISSOURI.**

**HANNIBAL**—\*Dildine Bridge & Iron Co.  
**KANSAS CITY**—\*American Bridge Co., Waldheim bldg  
\*Arkansas Bridge Co. (Bridges Only), N W cor 2d & Wyandotte  
\*Blodgett Construction Co.  
\*Canton Bridge Co.  
Goldberg J. & Son  
\*Kansas City Bridge Co.  
\*Kansas City Structural Steel Co.  
Kansas City Wire & Iron Works

Loewer John E. Structural Steel, Wire & Iron Works  
\*Midland Bridge Co.  
\*Miller Edwin M.  
\*Standard Bridge Co.  
\*Union Bridge & Construction Co.  
Western Steel Products Co., Finance bldg

**ST. JOSEPH**—Berry Iron & Steel Co.  
**ST. LOUIS**—\*American Bridge Co., Third Nat'l Bank bldg  
\*Banner Iron Works, Shaw av & Oak Hill Ry  
Christopher & Simpson Iron Works Co., 9th & Park av  
\*Greenspon S. Jos. & Sons Iron & Steel Co., B'way & Branch  
McClintic-Marshall Const. Co., (of Pittsburgh, Pa.), Third Nat'l Bank bldg  
Mesker Bros. Iron Co., 421 S 6th  
\*Miller & Borcharding, Frisco bldg  
\*Missouri Bridge & Iron Co., Porter av  
Spuck Iron & Foundry Co., 14th & Branch  
**STEWART JAS. & CO., INC.** (Mills & Railroad Depots), Boatmen's Bank bldg  
\*Stupp Bros. Bridge & Iron Co., Frisco bldg  
Victor Iron Works Co., c 7th & Victor  
**SPRINGFIELD**—Schmook Harry B.  
United Iron Works Co.  
**VALLEY PARK**—Barks & Barstow Mfg. Co. (Mill Bldgs & Roof Trusses)

**NEBRASKA.**

**HASTINGS**—Hastings Foundry & Iron Works  
**LINCOLN**—Westover J. (Inc.)  
**OMAHA**—\*Omaha Structural Steel Works  
Paxton & Vierling Iron Works  
\*Standard Bridge Co.  
\*Western Construction Co., Bell bldg

**NEW JERSEY.**

**ATHENIA**—Cooke John K. & Son  
**ELIZABETH**—Arny Chas.  
**HOBOKEN**—Atkinson W. H. Co.  
**JERSEY CITY**—\*Fagan Iron Works, 14th Hamill Alex. Iron Works, 426 Montgomery  
Snead & Co. Iron Wks. (Light), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*  
**NEWARK**—Calumet Iron Works  
Goeller H. R., 406 Frelinghuysen av  
Hay Foundry & Iron Works, Plum Point la  
Hedden Iron Construction Co., 207 Market  
Kinsey Wm. A., 192 Market  
Payne Bros., Emmet & av D  
**NEW BRUNSWICK**—New Brunswick Iron Works  
**PASSAIC**—Passaic Artistic Iron Works (Jno. G. Schmidt, Prop.)  
\*Union Building & Construction Co.  
**PATERSON**—\*Bogert-Carlough Co.  
\*Passaic Structural Steel Co.  
**PHILLIPSBURG**—\*Tippett & Wood  
**TRENTON**—Aitkin & Bebbington  
\*American Bridge Co.

**NEW YORK.**

**ALBANY**—Clausen N. C., Architectural Iron Co.  
McKinney J. & Son  
\*United Construction Co.  
**BUFFALO**—\*American Bridge Co., Marine Nat. Bank bldg  
\*Buffalo Structural Steel Co.  
Ernst's Chas. F. Sons  
Farrar Iron & Steel Co.  
Jones Iron Works  
Kellogg Structural Steel Co., 31 Stone  
\*Lackawanna Bridge Co.  
Progressive Structural Steel Co.  
United Steel Erection Co.  
**ELMIRA**—\*American Bridge Co.  
**GROTON**—\*Groton Bridge Co.  
**MONTOUR FALLS**—Montour Steel Co.  
Seneca Engineering Co.

**NEW YORK CITY.****Borough of Brooklyn.**

**BROOKLYN**—Child W. C. W., 355 Kingsland av  
Eagle Iron Works, 852 DeKalb av  
Kennington Iron Works, 414 3d av  
Whale Creek Iron Works, 245 Huron

**Boroughs of Manhattan and Bronx.**

**NEW YORK**—\*American Bridge Co., 30 Church  
Belmont Iron Works, 32 B'way  
\*Berlin Construction Co., 220 B'way  
\*Communipaw Steel Co., 95 Liberty  
Daniels Oscar Co., 233 B'way  
Eidlitz & Ross, 110 W 40th  
Empire Eng. Corp., 6 Church  
\*Fort Pitt Bridge Works, 45 B'way.  
Works: Canonsburg, Pa.  
Fox Chas. H., 369 W 11th  
\*Hamilton & Chambers Co., 29 B'way  
Hay Foundry & Iron Works, 15 Madison sq N  
\*Hinkle Iron Co., 534 W 56th  
Industrial Iron Co., 1 Madison av  
\*Jobson-Gifford Co., 30 E 42d  
\*Lackawanna Bridge Co., 2 Rector  
\*Levering & Garrigues Co. (Engineers & Contractors), 552 W 23d  
Lewinson & Co. (Engineers & Contractors), 128 W 42d  
\*McClintic-Marshall Co., 50 Church Works: Pottstown, Pa.  
\*Milliken Bros., 111 Broadway  
\*Mitchell-Tappen Co., 50 Broad  
Murray Hill Iron Works Co., 101 W 25th  
Norton Alfred E. Co., 105 W 40th. Works: Boonton, N. J.  
\*Perth Construction Co., 220 B'way  
Pierson & Co., 29 B'way  
Post & McCord Inc., 101 Park av  
Sanders & Barnett, 145th & Southern blvd  
**SCAIFE WM. B. & SONS CO.**, 26 Cortlandt *See adv index at end of book*  
\*Schwiers F. W. Jr. Co., 90 West  
Shafer W. B. Co., 303 5th av  
\*Shoemaker Lewis F. & Co., 45 Broadway  
\*Snare & Triest Co., Woolworth bldg

# ST. PAUL FOUNDRY COMPANY

DESIGNERS AND BUILDERS OF

## STEEL STRUCTURES

Bridges, Mill Buildings, Columns, Trusses, Girders, Beams,  
Architectural Cast Iron, Ornamental Iron.

OFFICE AND WORKS—Como Avenue and Mackubin Street,

ST. PAUL, MINN.



**STEWART JAMES & CO. (INC.)**  
(Mills & Railway Depots), 30  
Church  
\*Terry & Tench Co., 70 E 45th

#### Borough of Queens.

LONG ISLAND CITY—Just Geo. A. Co.,  
239 Vernon av  
\*National Bridge Works, Review av  
MASPETH—Richey, Browne & Donald,  
Flushing av

#### Borough of Richmond.

WEST NEW BRIGHTON—Milliken Bros.  
(End of New York City)

OWEGO—\*Owego Bridge Corp.  
ROCHESTER—Heughes F. L. & Co.  
SYRACUSE—\*Archbold-Brady Co. (For  
Electric Railways)  
General Erecting Co.  
Smith & Caffrey Co.  
\*Syracuse Bridge Co.  
\*Williams Bridge Co.  
TROY—Mahony Mfg. Co.  
West Side Structural Co.  
UTICA—Utica Steam Engine & Boiler  
Works  
WARSAW—Warsaw-Wilkinson Co.

#### NORTH CAROLINA.

BURLINGTON—Cates Machine Works

#### NORTH DAKOTA.

FARGO—\*Fargo Bridge & Iron Co.

#### OHIO.

AKRON—\*Burger Iron Co.  
ALLIANCE—Reeves Bros. Co. (Steel  
Buildings, Foundries & Factories)  
BELLEFONTAINE—\*Bellefontaine Bridge  
& Steel Co.  
BROOKVILLE—\*Brookville Bridge Co.  
CANTON—\*American Bridge Co.  
\*Canton Bridge Co.  
CINCINNATI—\*American Bridge Co.,  
Union Trust bldg  
\*Brackett Bridge Co., First Nat. Bank  
bldg  
Columbia Iron Works, 721 Reading rd  
Grimm Iron Works  
Potthoff Construction Co., Front &  
Harriet  
Rowekamp Bernard J., 2620 Colerain  
av  
Schreiber L. & Sons Co., 3869 Ivanhoe  
Stacey Bros. Gas Construction Co.,  
Sta. P.  
Stacey Mfg. Co., Big 4 R. R. & Town-  
ship av, Elmwood  
CLEVELAND—\*American Bridge Co.,  
Rockefeller bldg  
Brooks T. H. & Co.  
\*Forest City Steel & Iron Co., 110th  
nr Detroit av  
Kaltenbach & Griess, Chamber of  
Commerce bldg  
\*King Bridge Co.  
\*McMyler-Interstate Co.  
Republic Structural Iron Works Co.,  
E 53d & Lakeside av

\*Stevens Iron Works & Fireproofing  
Co.  
\*Van Dorn Iron Works Co., 2700 E  
79th  
Variety Iron & Steel Works Co.  
COLUMBUS—Capitol Construction Co.,  
Ruggery bldg  
\*Columbus Structural Steel Co.  
Morris C. E. Co.  
DELAWARE—\*Delaware Bridge Co.

EAST LIVERPOOL—Patterson Foundry &  
Machine Co.

HAMILTON—MEYERS FRED. J. MFG.  
CO. See adv index at end of book

KENTON—Champion Iron Co.  
LEBANON—\*Oregonia Bridge Co.  
LIMA—East Iron & Machine Co., 351 E  
Market

LOWELLVILLE—Meehan Boiler & Cons.  
Co.

MANSFIELD—Hughes-Keenan Co.  
MARTIN'S FERRY—\*Riverside Bridge  
Co.

MASSILLON—\*Massillon Bridge & Struc-  
tural Co.

MOUNT VERNON—\*Mount Vernon Bridge  
Co.

NEW BREMEN—\*New Bremen Bridge  
Co.

PORTSMOUTH—Hosman Henry  
SPRINGFIELD—\*Bayley Wm. Co.

TOLEDO—\*Amer. Bridge Co.  
Donovan Wire & Iron Co.  
Milmine H. B. & Co.

\*Toledo Bridge & Crane Co., 2500 Dorr  
Toledo Wire & Iron Works

WELLSVILLE—Carroll-Porter Boiler &  
Tank Co.

WEST ALEXANDRIA—Pence John  
WILMINGTON—\*Champion Bridge Co.

YOUNGSTOWN—\*American Bridge Co.  
Pollock Wm. B. Co.

\*Youngstown Steel Car Co. (Light)

#### OKLAHOMA.

OKLAHOMA—Reinhart & Donovan Co.

#### OREGON.

PORTLAND—\*Cowlitz Bridge Co., Yeon  
bldg

Independent Foundry Co., 743 York  
\*Northwest Bridge Works

\*Northwest Steel Co., ft. of Sheridan  
\*Pacific Bridge Co.

\*Pacific Iron Works  
\*Phoenix Iron Works, Hawthorne av  
c E 3d

Poole-Dean Co., 268 N 13th  
\*Portland Bridge & Bldg. Co.

Portland Bridge & Iron Co., Lewis  
bldg

\*Willamette Iron & Steel Works

#### PENNSYLVANIA.

ALBION—\*Rogers Bros. Co.  
ALLENTOWN—\*McDermott Engineering  
Co.

AMBLER—Cruse-Kemper Co.  
BEAVER FALLS—\*Penn Bridge Co.

BETHLEHEM—\*Guerber Engineering Co.  
Vanderstucken-Ewing Construction Co.

BLOOMSBURG—Harman & Hassert  
BRIDGEPORT—Gehret Bros.  
CANONSBURG—\*Fort Pitt Bridge Works  
CARBONDALE—Cross Engineering Co.  
Hendrick Mfg. Co.

DANVILLE—Danville Foundry & Machine  
Co.

DUBOIS—Osborn Machine Co.  
HARRISBURG—Ensign G. W. Inc.

\*Whittaker & Diehl  
HOBOKEN—Blaw Steel Construction Co.

LANCASTER—Lancaster Machine &  
Structural Works

Rote A. B. & Co.  
McKEESPORT—McKeesport Steel Constr.  
Co.

Smith, Nimmo & Co.

PHILADELPHIA—Allen Iron & Steel Co.,  
3d & Venango

\*American Bridge Co., Widener bldg  
Baizley John Iron Works, 514 S Dela-  
ware av

Barnes Winfield S. & Co., 1614 Cherry  
\*Belmont Iron Works, 22d & Washing-  
ton av

Biggin Charles P. Co., 1829 Harlan  
Cantrell Construction Co., 33d &  
Walnut

Creswell S. J. Iron Works, 23d & Cher-  
ry

Hoffman Engineering & Contracting  
Co., Penna. bldg

Kemper Construction Co., 905 Walnut  
\*Keystone Structural Co., Harrison  
bldg

Lindsay W. W. & Co., Harrison bldg  
Nass & Hare Const. Co., 115 Tasker

Parvin & Co., Stephen Girard bldg  
\*Phoenix Bridge Co., 410 Walnut

\*Shoemaker Lewis F. & Co., Harrison  
bldg

Steel & Wike Co., 533 N 13th  
Wark W. E. Co., 1737 Filbert

PHOENIXVILLE—\*Phoenix Iron Co.  
(Steel Only)

PITTSBURGH—Albree Chester B. Iron  
Works Co. (Light), 1201 Metro-  
politan

\*American Bridge Co., Frick bldg  
\*Bollinger-Andrews Construction Co.,  
Empire bldg

Booth J. B. Co., 216 E Robinson  
Carroll-Porter Boiler & Tank Co.,  
Empire bldg

\*Eichleay Jno Jr, Co., 20th & Whar-  
ton

\*Farris Bridge Co., Jenkin's Arcade  
\*Fort Pitt Bridge Works, House bldg

Heyl & Patterson, 51 Water  
\*Independent Bridge Co., 829 Beaver  
av

Jones & Laughlin Steel Co., Ross  
\*Kratzer W. N. & Co., 3212 Smallman

Lawrence Steel Construction Co., 3324  
Smallman

\*Lucius Engineering Co., Hartje bldg  
\*McClintic-Marshall Construction Co.,  
Oliver bldg

Moore Edgar M. & Co., Farmers'  
Bank bldg

Mullen J. L. Construction Co., Wabash  
bldg

\*Pittsburgh Bridge & Iron Works,  
Farmers' Bank bldg

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# STEEL CONSTRUCTION

## IN ALL ITS BRANCHES

STEEL BUILDINGS  
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TIPPLES & TRESTLES  
GIRDERS  
TRANSMISSION  
TOWERS



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OIL AND WATER  
STACKS  
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# WM. B. SCAIFE & SONS CO.

New York Office, 26 Cortlandt St. PITTSBURGH, PA.

### PITTSBURGH-DES MOINES STEEL CO. (Trusses Roof, Iron & Steel), 4th & Ross

*See adv index at end of book*

Rieseck Iron Wks., 1201 Metropolitan  
\*SCAIFE WM. B. & SONS CO., First National Bk. bldg

*See adv index at end of book*

Schutz, Schreiner & Clyde Co., May bldg

PITTSSTON—Exeter Machine Works  
POTTSTOWN—McClintic-Marshall Construction Co.

POTTSVILLE—Eastern Steel Co.  
RANKIN—McClintic-Marshall Construction Co.

READING—Remppis Wm. F. Co., 226-236 Spruce

ROCHESTER—Pittsburgh Bridge & Iron Works

ROYERSFORD—\*Keystone Structural Co.

SCRANTON—Anthracite Bridge Co

STEELTON—\*Penna. Steel Co.

### RHODE ISLAND.

PROVIDENCE—McKinnon Construction Co., 70 Water

Providence Steel & Iron Co., Kinsley av

\*Stender Frank C. & Co., 86 Weybosset  
Tower James H., Iron Wks., 50 Borden

### TENNESSEE.

CHATTANOOGA—Eureka Supply Co.

MEMPHIS—\*Memphis Bridge Co.

\*Virginia Bridge & Iron Co. (See Roanoke, Va.)

NASHVILLE—Foster & Creighton Co.

\*Nashville Bridge Co.

### TEXAS.

DALLAS—Austin Bros.

Mosher Mfg. Co.

EL PASO—El Paso Bridge & Iron Co.

HOUSTON—Hartwell Iron Works

STEWART JAMES & CO. (INC.), (Mills & Railway Depots), 1st National Bank bldg

### UTAH.

SALT LAKE CITY—Minneapolis Steel & Machinery Co., 215 Felt bldg

STEWART JAMES & CO. (INC.), (Mills & Railway Depots), Walker Bank bldg

### VIRGINIA.

BRISTOL—Twin City Boiler & Sheet Iron Works

NORFOLK—Norfolk Iron & Wire Works (Inc.)

RICHMOND—Cruikshank Iron Works Co.

ROANOKE—Virginia Bridge & Iron Co. Richmond Structural Steel Co., 18th & Dock

SALEM—Camden Iron Works

### WASHINGTON.

SEATTLE—Gerrick & Gerrick Co.

McEachern J. A. Co.

Puget Sound Boiler Works

SPOKANE—Northwest Harvester Co.

### WEST VIRGINIA.

CHARLESTON—\*Farris Bridge Co. (See Pittsburgh, Pa.)

HUNTINGTON—Huntington Iron Works.

WHEELING—Riverside Bridge Co.

### WISCONSIN.

APPLETON—Northern Boiler & Structural Iron Works

FOND DU LAC—\*Vulcan Mfg. Co.

LA CROSSE—\*La Crosse Bridge & Steel Co.

Noble Chas. W.

Torrance Jno. & Son

MILWAUKEE—Bartz Jno. J., 249 15th Bayley Structural Iron Co., 705 S Pierce

Colnick C. Mfg. Co., 750 Greenbush

Hackendahl & Schmidt Co., 1513 St. Paul av

\*Heil Company, 1375 26th av

Hennecke C. Co., 1353 N Pierce

\*Milwaukee Bridge Co.

Milwaukee Structural Steel Co., 19th & St. Paul av

\*Northwestern Bridge & Iron Co., 127 S Water

Pietsch Ferdinand, 617 Cedar

\*Skobis Co., 951 30th

\*Wisconsin Bridge & Iron Co.

\*Worden-Allen Co., P. O. Box 528.

NORTH MILWAUKEE—\*Lakeside Bridge & Steel Co.

TOMAHAWK—Tomahawk Steel & Iron Works

WAUKESHA—Federal Bridge & Structural Co., Waukesha, Wis.

WAUSAU—Wausau Iron Works

### Steel (Swedish)

See Iron & Steel, Swedish

### 14269— Steel Tack Plate

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

Andrews Steel Co. (Basic Open Hearth), Newport, Ky.

De Forest Sheet & Tin Plate Co., Niles, Ohio

Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.

La Belle Iron Works, Steubenville, O.

Lessig Geo. B. Co., Pottstown, Pa.

Norton Iron Works, Ashland, Ky.

Parkersburg Iron & Steel Co. (Open Hearth), Parkersburg, W. Va.

Reeves Mfg. Co., Dover, Ohio

Seneca Iron & Steel Co., Buffalo, N. Y.

Tremont Nail Co., West Wareham, Mass.

Wheeling Steel & Iron Co., Wheeling, W. Va.

### Steel Tank Plate

See Iron & Steel Boiler & Tank Plate

### 14269a—\*Steel (Tempered Strip)

WARDS EDGAR T. SONS ("Capital"), 4454 Farnsworth, Boston, Mass.

*See adv index at end of book*



**14270—Steel (Threading & Welding)**

Carnegie Steel Co. (Special, Open-Hearth), Carnegie bldg, Pittsburgh, Pa.

**Steel Tipples & Trestles**

See Tipples, Mine

**14271—Steel (Toe Calk)**

Cambria Steel Co., Widener bldg, Phila., Pa.

Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

Sweets Steel Co., Williamsport, Pa.

Taylor N. & G. Co., Mariner & Merchants' bldg, Phila., Pa.

**14272—Steel (Tool)**

See also Steel, Crucible; also Steel Bar Mills

Boker H. & Co. Inc. (Crucible Cast), 101 Duane, New York

Century Steel Co. of Am., 120 B'way, New York

Halcomb Steel Co. ("Dreadnought," Syracuse, N. Y.,

Ludlum Steel Co. ("Albany," "Huron," Alloy), Watervliet, N. Y.

**WARD'S EDGAR T. SONS**, 44-54 Farnsworth, Boston, Mass.

See adv index at end of book

**WETHERELL BROS. CO.**, 31 Oliver, Boston, Mass.

See adv index at end of book

**Steel Towers**

See Tanks & Towers, Steel

**14272a—\*Steel Tubular Parts (Bent & Formed)**

**STANDARD PARTS CO.**, W 73rd, Cleveland, O. See adv index at end of book

**14273—Steel U Bars & Shapes**

Braun J. G., 609 S Paulina, Chicago, Ill.

Calumet Steel Co. (U Harrow Bars), 208 S La Salle, Chicago, Ill.

Illinois Steel Co., 208 S La Salle, Chicago, Ill.

Interstate Iron & Steel Co. (High Carbon Steel I & U Bars), 1st National Bank bldg, Chicago, Ill. Mills: Marion, O. & East Chicago, Ind.

See adv index at end of book

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

Republic Iron & Steel Co., Youngstown, O.

**14274—Steel (Umbrella Rod)**

American Sheet & Tin Plate Co., Frick bldg, Pittsburgh, Pa.

**14275—Steel (Vanadium)**

Becker Steel Co. of America (Nickel, Chrome & Nickel Tungsten), 90 West, New York

Bourne-Fuller Co. ("Scotts" Crucible Vanadium), Hickox bldg, Cleveland, O.

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.

Central Steel Co. ("Agathan," Bars, Billets and Slabs), Massillon, Ohio

Cyclops Steel Co., Titusville, Pittsburgh, Pa.

Cyclops Steel Works, Titusville, Pa.

Hammond Steel & Forging Co., Solvay, N. Y.

Harrow Spring Co. (Chrome), Milwaukee, Wis.

Hess Steel Corp. (Also Chrome Vanadium Steel), Penn R. R. & E av, Baltimore, Md.

Kaufman Emanuel, Farmers Bank bldg, Pittsburgh, Pa.

Sivyer Steel Casting Co., Milwaukee, Wis.

United Alloy Steel Corp. (Billets, Blooms, Slabs, Bars, Ingots & Plates), Canton, O.

Vanadium Alloys Steel Co., Latrobe, Pa.

**14276—Steel (Vanadium, Plates, Sheets, Etc.)**

Carbon Steel Co. (Plates, Automobile Steel, etc.), ft. 32nd, Pittsburgh, Pa.

Carnegie Steel Co. (Open Hearth Bars, Plates, Sheets, Shapes, etc.), Carnegie bldg, Pittsburgh, Pa.

Colonial Steel Co. (Crucible & Open Hearth Bars, Plates, Sheets, Die Blocks, Tool Steels, Drill Rods, etc.), 324 4th av, Pittsburgh, Pa.

Crowley John A. Co., 120 Liberty, New York

Crucible Steel Co. of America (Crucible, Open Hearth & Electric Furnace, Bars, Plates, Sheets, Die Blocks, Tool Steels, Drill Rods, etc.), Oliver bldg, Pittsburgh, Pa.

Firth-Sterling Steel Co. (Crucible Bars & Tool Steel), McKeesport, Pa.

Halcomb Steel Co. (Crucible & Electric Furnace, Bars, Sheets, Drill Rods, Tool Steel & Cold Drawn), Syracuse, N. Y.

**JESSOP STEEL CO.** (Crucible Plates & Sheets), 91 John, New York

Kaufman Emanuel, Farmers Bank bldg, Pittsburgh, Pa.

McInnes Steel Co. (Ltd.) (Crucible Tool Steel), Corry, Pa.

United Alloy Steel Corp. (Chrome Vanadium Bars & Plates), Canton, O.

Vulcan Crucible Steel Co. (Crucible & Open Hearth Bars, Tool Steels & Die Blocks), Aliquippa, Pa.

**14277—Steel (Vanadium Tool)**

Allen Edgar & Co., Ltd., 718 W Lake, Chicago, Ill.

Bethlehem Steel Co. (Crucible), South Bethlehem, Pa.

Carbon Steel Co. (Open Hearth), ft. 32nd, Pittsburgh, Pa.

Carpenter Steel Co. (Crucible), Reading, Pa.

Colonial Steel Co. (Crucible & Open Hearth), 324 4th av, Pittsburgh, Pa.

Crowley John A. Co., 120 Liberty, New York

Crucible Steel Co. of America (Crucible & Open Hearth), Oliver bldg, Pittsburgh, Pa.

Firth-Sterling Steel Co. (Crucible), McKeesport, Pa.

Halcomb Steel Co. (Crucible), Syracuse, N. Y.

Heller Bros. Co. (Crucible), 879 Mt. Prospect av, Newark, N. J.

Kaufman Emanuel, Farmers Bank Bldg, Pittsburgh, Pa.

McInnes Steel Co. (Crucible), Corry, Pa.

Vanadium Alloys Steel Co. (Crucible), Latrobe, Pa.

Vulcan Crucible Steel Co. (Crucible & Acid Open Hearth), Aliquippa, Pa.

**14278—Steel (Well Bit & Jar)**

Colonial Steel Co., 324 4th av, Pittsburgh, Pa.

**14279—Steel Wool & Shavings**

American Steel Wool Mfg. Co., 451 Greenwich, New York

Buehne Steel Wool Co., 93 Nassau, New York

Hanson F. C. ("Hanson's" Bessemer), Southbridge, Mass.

Rhodes Jas. H. & Co. (Dealers), 157 W Austin av, Chicago, Ill.

Ridgeley Trimmer Co., Springfield, O.

Thurston F. W. Co. (Imp.), 1832 S Clark, Chicago, Ill.

Waddell R. J. & Co. ("National"), 52 Beekman, New York

**Steel Works Construction**

See Blast Furnace & Steel Works Construction

**14280—Steels (Butchers', Etc.)**

American Cutlery Co. (Table & Butchers'), 764 Mather, Chicago, Ill.

Brecht Co., 1201 Cass av, St. Louis, Mo.

Chatillon Jno. & Sons, 85 Cliff, New York

Clyde Cutlery Co., Clyde, O.

Foster Bros. & Chatillon Co., Fulton, N. Y.

Goodell Co., Antrim, N. H.

Graef & Schmidt ("Twin Brand" Imp.), 107 Chambers, New York

Mack & Co. ("D. R. Barton"), Rochester, N. Y.

Meriden Cutlery Co., Meriden, Conn.

**NICHOLS BROS.**, Greenfield, Mass.

Stortz John & Son, 210 Vine, Phila., Pa.

White Ira F. & Son Co., Bloomfield, N. J.

**Steerers (Steam)**

See Engines, Steering

**14281—Steins (Beer)**

Bennett Edwin Pottery Co., Baltimore, Md.

Owen China Co., Minerva, O.

Sebring China Co., Sebring, O.

Zanesville Art Pottery Co., Zanesville, O.

**14282—Stencils**

Allen Bros., 55 Cornhill, Boston, Mass.

Allen Doane & Co., 29 Cornhill, Boston, Mass.

American Stamp Mfg. Co., 85 John, New York

Arnold's J. H. Sons, 49 Fulton, New York

Ashbery Henry C., 285 Washington, Buffalo, N. Y.

Ashmore Clifford, 210 Arch, Phila., Pa.

Bailey Geo. P. & Son, Rochester, N. Y.

Banning W. E. Stamp & Stencil Works, Syracuse, N. Y.

Barton Mfg. Co. (Steel), 87 Duane, New York

Beecher Fowler Mfg. Co., 244 3d, Louisville, Ky.

Black A. S., 206 Longworth, Cincinnati, O.

Borgstrom O. J., 224 S Canal, Chicago, Ill.

Bourne Jno R., Rochester, N. Y.

Buchlein's Henry Sons, 27 Green, Newark, N. J.

Carragan & Tilson (Steel), 88 Chambers, New York

Cleveland Steel Stamp Works (Steel), Cleveland, O.

Consolidated Stamp Mfg. Co. (Jobbers), 87 Maiden la, New York

Cunningham M. E. Co., 625 Smithfield, Pittsburgh, Pa.

Dayton Stencil Works (Steel), Dayton, O.

Dickey-Grabler Co. (Steel & Brass), 118 Noble ct, Cleveland, O.

Dixie Seal & Stamp Co., Atlanta, Ga.

Evans & Convery, 24 N 6th, Phila., Pa.

Everett A. & Son, Auburn, N. Y.

Everson & Reed Co., 88 Chambers, New York

Fries A. J. (Steel), 717 Sycamore, Cincinnati, O.

Gibson A. C. Co., Buffalo, N. Y.

Gordon H. W., Est. of, Lynn, Mass.

Hanson C. H. Co., 178 N Clark, Chicago, Ill.

Hill Independent Mfg. Co., Emerald & Adams, Phila., Pa.

Hoggson & Pettis Mfg. Co. (Steel), New Haven, Conn.

Johnson D. E. Co., 140 William, New York

Johnston Thos. H., Harrisburg, Pa.

Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.

Kautz Fred C. & Co., 2633 W Lake, Chicago, Ill.

Kersting J. H., 75 Fulton, New York

Koch Geo. & Co., 71 W Rand, Chicago, Ill.

Koehler Henry L. Mfg. Co., Louisville, Ky.

Leonhardt Louis (Ltd.), 111 Warren, New York

Love Joseph V. & Co., Galveston, Tex.

Martin & Co. (Steel), 119 S Clark, Chicago, Ill.

Matthews Jas. H. & Co. (Copper, Brass & Zinc), 3942 Forbes, Pittsburgh, Pa.

Mayer Geo. J. & Co., Indianapolis, Ind.

Meyer & Wenthe, 108 N Dearborn, Chicago, Ill.

Moise-Klinkner Co., 1212 Market, San Francisco, Cal.

Monce S. G. (Steel), Unionville, Conn.

Mulinari P., 118 Light, Baltimore, Md.

Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.

Ness Geo. M. Jr., 61 Fulton, New York

N. Y. Stencil Works, 100 Nassau, New York

Noble & Westerbrook Mfg. Co., Hartford, Conn. See adv index at end of book

Northwestern Stamp Works, 110 E 3rd, St. Paul, Minn.

Oram Jas. C. & Co., 100 W South Water, Chicago, Ill.

Power J. H. & Co., 80 High, Boston, Mass.

Quaker City Stencil & Stamp Wks., 234 Arch, Phila., Pa.

Reese S. W. & Co. ("Eureka" Adjustable), 44 Vesey, New York

Reynolds Stamp & Stencil Works, 103 Westminster, Providence, R. I.

Robbins John Mfg. Co. (Steel), 58 Kneeland, Boston, Mass.

Sackman Mfg. Co. (Steel), Akron, O.

Sackmann F. A. (Steel), 810 Prospect, S E, Cleveland, O.

Salt Lake Stamp Co., Salt Lake City, Utah

Schneider Louis, 249 Market, Newark, N. J.



Schweizer C. K., 214 Vine, St. Louis, Mo.  
Schwerdtle Stamp Co. (Steel), 43 Cannon,  
Bridgeport, Conn.

*See adv index at end of book*

Smith R. H. Mfg. Co., Springfield, Mass.  
Southern Stamp Co., Little Rock, Ark.  
Spencer S. M. Mfg. Co., 9 Cornhill, Boston,  
Mass.

Spokane Stamp Works, Spokane, Wash.  
Stafford Nelson Co. (Steel), 67 Fulton, New  
York

Stencil Treasury (Steel), 209 E 59th, New  
York

Sternberg Albert E., 214 Arch, Phila., Pa.  
Stewart R. A. & Co., 201 B'way, New  
York

Swisher R. D. Mfg. Co. (Brass), 413 S  
Clinton, Chicago, Ill.

Tidewater Stencil Works, Norfolk, Va.  
Timme E. A. & Son, Worcester, Mass.

Troy Rubber Stamp Works, Troy, N. Y.  
Turner S. B. & Son, Norfolk, Va.

Utermohle G. A. & Co., 133 Cheapside,  
Baltimore, Md.

Wardsworth Engraving Co., Springfield, O.  
Weber-Erickson Bunting Co., 221 Diamond,  
Pittsburgh, Pa.

Western Stamp & Stencil Co., Omaha, Neb.  
Williams Chas. F. & Co. (Steel), 38 Char-  
don, Boston, Mass.

Wright Greg. G. & Son, 119 Opera pl,  
Cincinnati, O.

### 14283— Steps (Automobile)

American Mason Safety Tread Co. ("Stan-  
wood" Corrugated & Stamped Steel),  
Boston, Mass.

Columbus Bolt Works Co., Columbus, O.  
English & Mersick Co., New Haven, Conn.  
Michigan Stamping Co., Detroit, Mich.

### 14284— Steps (Pole)

**AMERICAN STEEL & WIRE CO.**  
("American"), 208 S La Salle, Chi-  
cago, Ill. *See adv index at end of book*

Bethlehem Steel Co., So Bethlehem, Pa.  
Capitol Electric Co., Salt Lake City, Utah

Creaghead Engineering Co., 340 Main,  
Cincinnati, O.

Cutter Geo. Co. (Removable), South Bend,  
Ind.

Electric Railway Equipment Co., Cincin-  
nati, O.

Fletcher Mfg. Co., Dayton, O.  
Galvanized Products Co., Phillipsburg,  
N. J.

Grabier Mfg. Co., Cleveland, O.

Gravely B. S. & R. P., Martinsville, Va.

Hallett Iron Works ("Hallett" Double  
Pointed & Detachable Butt, etc.),  
Harvey, Ill.

Hoopes & Townsend Co., Broad & But-  
tonwood, Phila., Pa.

Hubbard & Co., 63rd & Butler, Pitts-  
burgh, Pa.

Inland Steel Co. (Bessemer Steel), 1st  
Nat'l Bank bldg, Chicago, Ill.

Joslyn Mfg. & Supply Co., Chamber of  
Com. bldg, Chicago, Ill.

Kansas City Bolt & Nut Co., Kansas City,  
Mo.

Lanz Matthew & Sons, 2907 Carson, Pitts-  
burgh, Pa.

Michigan Bolt & Nut Works, Detroit,  
Mich.

Moran Bolt & Nut Mfg. Co., 1st & Florida,  
St. Louis, Mo.

Morris Iron & Steel Co., Frederick, Md.

New Castle Steel & Iron Co., Pittsburgh,  
Pa.

Oliver Iron & Steel Co., S 10th & Muriel,  
Pittsburgh, Pa.

Republic Iron & Steel Co., Youngstown, O.

St. Louis Malleable Casting Co., 7701 N  
Conduit av, St. Louis, Mo.

Strieby & Foote Co., 301 Ogden, Newark,  
N. J.

### 14285— Steps (Sewer)

Lanz M. & Sons, 2907 Carson, Pittsburgh,  
Pa.

### 14286— Steps (Sill)

Kansas City Bolt & Nut Co., Kansas City,  
Mo.

Steel Car Forge Co., Pittsburg, Pa.

### 14287— Stereometers

Bausch & Lomb Optical Co., Rochester,  
N. Y.

### 14288— Stereopticons

Amusement Supply Co., 5 S Wabash av,  
Chicago, Ill.

Beseler Chas. Co., 110 E 23rd, New York

Breck Photoplay Supply Co., San Fran-  
cisco, Cal.

Enterprise Optical Mfg. Co., 564 W Ran-  
dolph, Chicago, Ill.

Fox Arthur W., 83 Schermerhorn, Brook-  
lyn, N. Y.

McAllister T. H.-Keller Co., 176 Fulton,  
New York

McIntosh Stereopticon Co., 30 E Randolph,  
Chicago, Ill.

Newton C., 305 W 5th, New York

Thompson Albert T. & Co., 15 Tremont  
pl., Boston, Mass.

Underwood & Underwood, 417 5th av, New  
York

Universal Electric Stage Lighting Co.  
("Kliegl Bros."), 240 W 50th, New  
York

Victor Animatorgraph Co., Davenport, Ia.  
Williams Brown & Earle, 918 Chestnut,  
Phila., Pa.

### 14289— Stereoscopes

Underwood & Underwood, 417 5th av, New  
York

White H. C. Co., North Bennington, Vt.

### 14290— Sterilizers (Electric)

Barnstead Still & Sterilizer Co. (For  
Hospitals, Surgeons, Dentists, etc),  
Forest Hills, Boston, Mass.

*See adv index at end of book*

Clad V. & Sons, 16 & Callowhill, Phila., Pa.

Prometheus Electric Co., 511 W 42d, New  
York

R. U. V. Co., 50 Broad, New York

Simplex Electric Heating Co. ("Simplex"),  
Cambridge, Mass.

### Sterilizers (Milk)

*See Pasteurizers, Milk, etc.*

### 14291—Sterilizers (Milk Bottle)

Bernstein Mfg. Co., 3d & Westmoreland,  
Phila., Pa.

Buckeye Boiler Co., Dayton, O.

### 14292— Sterilizers (Water)

American Sterilizer Co. (For Hospitals,  
etc), Erie, Pa.

Barnstead Still & Sterilizer Co. (Electric  
Steam & Gas, for Hospitals), Forest  
Hills, Boston, Mass.

*See adv index at end of book*

Bernstein Mfg. Co., 3d & Westmoreland,  
Phila., Pa.

Castle, Wilnot Co. ("Castle" & Pressure),  
Rochester, N. Y.

Clad V. & Sons, 16th & Callowhill, Phila.,  
Pa.

Electric Water Sterilizer Co. (Electric),  
Scottdale, Pa.

Forbes Co., 1234 Callowhill, Phila., Pa.

Hospital Supply Co., 53 5th av, New York

Loomis Manning Filter Mfg. Co., 1421 S  
37th, Phila., Pa.

Pittsburgh Water Heater Co., Columbia  
Bank bldg., Pittsburgh, Pa.

R. W. V. Co., 50 Broad, New York

### 14293— Sterilizing Apparatus

American Sterilizer Co. (For Hospitals,  
etc), Erie, Pa.

Barnstead Still & Sterilizer Co. (Electric,  
Steam & Gas, for Hospitals), Forest  
Hills, Boston, Mass.

*See adv index at end of book*

Bausch & Lomb Optical Co., Rochester,  
N. Y.

Bernstein Mfg. Co., 3d & Westmoreland,  
Phila., Pa.

Bramhall, Deane Co. (For Hospitals, etc),  
261 W 36th, New York

Castle, Wilnot Co. ("Autoclave" Milk),  
Rochester, N. Y.

Clad V. & Sons, 16th & Callowhill, Phila.,  
Pa.

Climax Machinery Co. (For Milk), Indian-  
apolis, Ind.

Consolidated Hospital Supply & Laundry  
Machy. Co. (For Laundries), Sauga-  
tuck, Conn.

Devine J. P. Co., Buffalo, N. Y.

Erie City Mfg. Co. ("Superior," Cabinet),  
Erie, Pa.

Hospital Supply Co. (For Hospitals), 53  
5th av, New York

Jewell Water Improvement Co. (Chlorine),  
9 S Clinton, Chicago, Ill.

Koven L. O. & Bro. (All Kinds), 154  
Ogden av, Jersey City, N. J.

Ladd John W. Co. (For Milk), Detroit,  
Mich.

Northwestern Steel & Iron Works (Milk  
Bottle), Eau Claire, Wis.

R. W. V. Co., 50 Broad, New York

Ray Geo. A. Mfg. Co. (Sterilizers & Steam-  
ers, All Copper, Nickel Plated, etc),  
Buffalo, N. Y.

Silver & Co. (Milk), 308 Hewes, Brooklyn,  
N. Y.

Standard Water Systems Co. ("Tripure"),  
Hampton, N. J.

Sterilizer Mfg. Co. ("Darnall"), Syracuse,  
N. Y.

Toledo Cooker Co. (Milk), Toledo, O.

Twentieth Century Machinery Co., M. &  
M. Bank bldg., Milwaukee, Wis.

Whitall, Tatum Co. (For Milk), 410 Race,  
Phila., Pa.

### 14294— Sticking Tommies

Wilcox, Crittenden & Co., Middletown,  
Conn.

### 14295-6— \*Sticks (Candy)

ESTABLISHED 1847

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**358 5th Ave., New York City**

### 14297— Sticks (Clothes)

Hollow Cable Mfg. Co. ("Dandy"), Hor-  
nell, N. Y.

### 14298-9— Sticks (Cutter)

Menasha Mfg. Co. (For Paper Mills),  
Menasha, Wis.

### 14300—Sticks (Hockey & Polo)

Estes E. B. & Sons, 358 5th av, New York

*See adv index at end of book*

Lebzelter P. & Son Co., Lancaster, Pa.

Piper B. H. Co., Manchester, N. H.

Shepard H. G. & Sons, New Haven, Conn.

Smith G. W. & Son, Canterbury, Conn.

Torrey Bros. Co., Central Village, Conn.

### 14301-2— Sticks (Plant)

Beverstock O. D. Co., Keene, N. H.

Chase Benj. Co., Derry, N. H.

Estes E. B. & Sons, 358 5th av, New York

*See adv index at end of book*

### 14303—Sticks (Printers' Composing)

Chandler & Price Co. ("Buckeye," "Yan-  
kee," Common Screw, Perfect News,  
etc.), Cleveland, O.

Star Tool Mfg. Co., Springfield, Ohio

### 14304—Sticks (Shoemakers' Size)

Lufkin Rule Co., Saginaw, Mich.

### 14305— Sticks (Stretcher)

Strock L. W. & Co. (For Mines), Bethle-  
hem, Pa.

### 14306—Sticks (Track Switch)

Strieby & Foote Co., 301 Ogden, Newark,  
N. J.

### 14307—\*Sticks (Turned Wood)

**ESTES E. B. & SONS** (Candy, Taffy, Man-  
icure, Floral, Drum, Clapper, Flag,  
Gambrel, etc), 358 5th av, New York

*See adv index at end of book*

### 14308— Sticks (Umbrella)

Jackerson Pinkowitz & Sibulash, 247  
Centre, New York

Girlich A. A. & Co., Amityville, N. Y.



**14309— Sticks (Welding)**

Chicago Hardware Foundry Co. (Aluminum, Brass & Iron), North Chicago, Ill.

**14310— Stiffeners (Heel)**

Root-Heath Mfg. Co. ("Universal" "Lion"), Plymouth, O.  
Stowell Co. The ("Lyon," Adjustable), So Milwaukee, Wis.

**14311— Stills (Acid)**

American Welding Co., Carbondale, Pa.  
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.  
Baeuerle & Morris, 932 N Front, Phila., Pa.  
Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.  
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
Elyria Enameled Products Co., Elyria, O.  
*See adv index at end of book*  
Joubert & Goslin Mach. & Fdry. Co. (Fatty), Birmingham, Ala.  
Stuart & Peterson Co., Burlington, N. J.

**14312—Stills (Alcohol, Rum, Etc.)**

American Copper & Brass Works, Cincinnati, O.  
American Welding Co., Carbondale, Pa.  
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.  
Baeuerle & Morris, 932 N Front, Phila., Pa.  
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
Devine J. P. Co., Buffalo, N. Y.  
Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
Lummus Walter E. Co. (Specialty Wood Alcohol), 173 Milk, Boston, Mass.  
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.  
Stuart & Peterson Co., Burlington, N. J.

**14312a— \*Stills (Aniline)**

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

**14313—\*Stills (Cheese Box for Oil)**

**HAMMOND IRON WORKS**, Warren, Pa.  
*See adv index at end of book*

**14314— Stills (Copper)**

American Copper & Brass Works, Cincinnati, O.  
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.  
Baeuerle & Morris, 932 N Front, Phila., Pa.  
Blymyer Iron Works Co. (For Sugar Cane, etc), Cincinnati, O.  
Burkhard Thomas, 494 Flushing av, Brooklyn, N. Y.  
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
Deuel Chas. C. Co., Detroit, Mich.  
Devine J. P. Co., Buffalo, N. Y.  
Engel & Kirchheiner, 1611 Thames, Baltimore, Md.  
Flynn Wm. S., 76 Hudson, Jersey City, N. J.  
Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
Griscom-Russell Co. (Brass & Copper), 92 West, New York  
*See adv index at end of book*  
Harris Arthur & Co., 212 N Curtis, Chicago, Ill.  
Hoffman-Ahlers Co., 828 E Pearl, Cincinnati, O.  
Keller George, 1051 Wyckoff av, B'klyn, N. Y.  
Laubenheimer Geo. E. Co., 17 N La Salle, Chicago, Ill.  
Lummus Walter E. Co., 173 Milk, Boston, Mass.  
McMillan Bros. (Turpentine), Savannah, Ga.  
Philadelphia Coppersmithing Co. (Multiple Effects), 222 N Front, Phila., Pa.  
Roos' August Son, 429 E 91st, New York  
Rust Engineering Co., Farmers Bk. bldg, Pittsburgh, Pa.  
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.  
Standard Water Systems Co. ("Tripure"), Hampton, N. J.  
Trageser John Steam Copper Works, 457 W 26th, New York  
Vulcan Copper Works, 120 Sycamore, Cincinnati, O.  
Young Bros. Co., Detroit, Mich.  
Zobler Otto Mfg. Co., 336 N Oakley blvd, Chicago, Ill.

**14315— Stills (Crude Oil)**

Columbiana Boiler Co., Columbiana, O.  
United Iron Works Co., Springfield, Mo.

**14315a—\*Stills (For Severe Service)**

**ELYRIA ENAMELED PRODUCTS CO.**, THE, Elyria, O.  
*See adv index at end of book*

**14316—Stills (Gasoline & Benzine)**

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
Devine J. P. Co., Buffalo, N. Y.

**14317—Stills (Household & Laboratory Water)**

Castle, Wilmot Co., Rochester, N. Y.  
Devine J. P. Co., Buffalo, N. Y.  
Griscom-Russell Co., 92 West, New York  
*See adv index at end of book*  
Philadelphia Coppersmithing Co., 222 N Front, Phila., Pa.  
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

**14318—Stills (Multiple Effects)**

Devine J. P. Co., Buffalo, N. Y.  
**GRISCOM-RUSSELL CO.**, 92 West, New York  
*See adv index at end of book*  
Standard Water Systems Co. ("Tripure"), Hampton, N. J.

**14318a—\*Stills (Nitric Acid)**

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

**14319—Stills (Oil, Tar, Etc.)**

*See also Sugar Machinery*  
**AMERICAN SPIRAL PIPE WORKS**, Chicago, Ill. *See adv index at end of book*  
American Welding Co., Carbondale, Pa.  
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburgh, Pa.  
Columbiana Boiler Co., Columbiana, O.  
Devine J. P. Co., Buffalo, N. Y.  
**DOVER BOILER WORKS**, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
Gas Machinery Co. (Tar & Ammonia), 1900 Euclid av, Cleveland, O.  
Graver Wm. Tank Works (For Oil Refineries), East Chicago, Ind.  
Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
Isbel-Porter Co. (Ammonia), 46 Bridge, Newark, N. J.  
Kennicott Co., Chicago Heights, Ill.  
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
Lacy Mfg. Co., Los Angeles, Cal.  
Leslie, Elliott & Co., Paterson, N. J.  
Logan Iron Works, 54 Commercial, Brooklyn, N. Y.  
Lummus Walter E. Co., 173 Milk, Boston, Mass.  
McCabe Boiler Works, 195 Commerce, Newark, N. J.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.  
Petroleum Iron Works Co., Sharon, Pa.  
Reeves Bros. Co., Alliance, O.  
Riter-Conley Co., Pittsburgh, Pa.  
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Gratiot, St. Louis, Mo.  
Smith Samuel & Son Co., Paterson, N. J.  
Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*  
Teachout H. E. Boiler Works, E 37th & Erie R.R., Cleveland, O.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
Treadwell M. H. Co. of Ill. 208 S La Salle, Chicago, Ill.  
Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.  
Walsh & Weidner Boiler Co., Chattanooga, Tenn.

**14320— Stills (Pharmaceutical)**

Burkhard Thomas, 494 Flushing av, Brooklyn, N. Y.  
Colton Arthur, Jefferson & Chene, Detroit, Mich.  
Elmer & Amend, 205 3d av, New York  
Standard Water Systems Co. ("Tripure"), Hampton, N. J.  
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.

**14320a— \*Stills (Phenol)**

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

**14321—Stills (Soap Makers')**

Houchin, Aiken Co., 37 53d, Brooklyn, N. Y.  
Sowers Mfg. Co. ("Dopp"), Buffalo, N. Y.

**14322— Stills (Steam)**

Columbiana Boiler Co., Columbiana, O.  
Griscom-Russell Co., 92 West, New York  
*See adv index at end of book*  
Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
Petroleum Iron Works Co., Sharon, Pa.  
Standard Water Systems Co. ("Tripure"), Hampton, N. J.  
United Iron Works Co., Springfield, Mo.  
Warren City Tank & Boiler Co., Warren, Ohio

**14322a—\*Stills (Sulphuric Acid)**

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

**14323— Stills (Turpentine)**

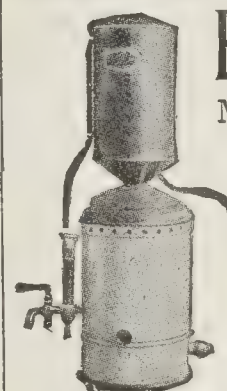
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
Lummus Walter E. Co., 173 Milk St., Boston, Mass.  
McMillan Bros., Savannah, Ga.

**14323a— \*Stills (Vacuum)**

**ELYRIA ENAMELED PRODUCTS CO.**, (Glass Enameled), Elyria, O.  
*See adv index at end of book*

**14324— Stills (Water)**

American Copper & Brass Works, Cincinnati, O.  
American Sterilizer Co., Erie, Pa.  
Badger E. B. & Sons Co., 75 Pitts., Boston, Mass.

**Barnstead Stills**

Make Chemically Pure Water, with One Distillation.

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Devine J. P. Co., Buffalo, N. Y.  
Gray Peter & Sons Inc. (Laboratory) 286 Third, East Cambridge, Mass.  
**GRISCOM-RUSSELL CO.** (Also Salt Water), 92 West, New York  
*See adv index at end of book*  
Jewell Water Improvement Co., 9 S Clinton, Chicago, Ill.  
Koven L. O. & Bro. (Also Turpentine), 154 Ogden av, Jersey City, N. J.  
Sanitary Water Still Co., Hampton, N. Y.  
Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.  
Sparta Mfg. Co., South Bend, Ind.  
Standard Water Systems Co. ("Tripure," Steam or Gas Operated), Hampton, N. J.  
Stokes F. J. Machine Co., 17th & Cambria, Phila., Pa.  
Sugar Apparatus Mfg. Co., Wilmington, Del.  
Trageser John Steam Copper Works, ("Ralston"), 447 W 26th, New York  
Young Bros. Co., Detroit, Mich.  
Young E. R. & Sons, Titusville, Pa.





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**14325— Stills (Wine Testing)**

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

**14326— Stirrers (Chemical)**

Duriron Castings Co. ("Duriron" Acid Proof), 90 West, New York

**14326a— \*Stirrers (Graphite)**

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*

**14327— Stirrups or Hangers**

Camden Iron Wks., Salem, Va.  
Champion Iron Co., Kenton, O.  
Dietrich Bros., cor Pleasant & Davis, Baltimore, Md.  
Elbel Co., Canton, O.  
Frelinger J. G., Iron Works, 115 W 2nd, Cincinnati, O.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
Londelius C. A. & Sons Co. (Stove Bolt Stirrups), 847 W 63d, Chicago, Ill.  
Maryland Bolt Co., Continental bldg, Baltimore, Md.  
Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
Meyers Fred. J. Mfg. Co., Hamilton, O. *See adv index at end of book*  
Michigan Bolt & Nut Works, Detroit, Mich.  
Moran Bolt & Nut Mfg. Co., 1st & Florida, St. Louis, Mo.  
Mulvey Chas. Mfg. Co., 1840 Carroll av, Chicago, Ill.  
O'Leary Arthur J. & Son Co., 65th & So. 57th av, Chicago, Ill.  
Pawtucket Mfg. Co. (Stirrups Only), Pawtucket, R. I.  
Peters Jas. & Son (Wrought Iron, Stirrups), 1934 N Front, Phila., Pa.  
Pittsburgh Knife & Forge Co., 709 Belmont Pittsburgh, Pa.  
Pittsburgh Rivet Co. 38th & Junction RR, Pittsburgh, Pa.  
Racky Albert C., 531 S 5th av, Chicago, Ill.  
Republic Structural Iron Works Co., Cleveland, O.  
Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.  
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*  
Variety Mfg. Co. ("Mulvey" Stirrups), 2958 Carroll av, Chicago, Ill.  
Wendt Albert H. (Truss Stirrups), 456 E 2d, Cincinnati, O.

**14328—\*Stirrups (Reinforcing Concrete)**

**DIAMOND EXPANSION BOLT CO.** ("Diamond"), 89 West, New York *See adv index at end of book*

**14329—Stirrups (Saddle, Iron)**

Buermann Aug. Mfg. Co., 220 Jeliff av, Newark, N. J.

**14330-1—Stirrups (Wooden)**

Fort Recovery Stirrup Co., Ft. Recovery, O.  
Whirrett Bros., Delphos, O.

**Stock (Fountains)**

*See Fountains, Stock*

**14332— Stock Marks**

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

**14333—Stock Shells (Steel Calender)**

Gammeter W. F. ("Universal" for Rubber Mfrs.), Cadiz, O.

**Stock (Spool)**

*See Spools*

**Stockings (Elastic)**

*See Hosiery, Surgical, Elastic*

**14333a— \*Stocks (Gun)**

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

**14334— Stocks (Horse)**

Wabash Foundry Co., Wabash, Ind.

**14335— Stocks & Dies**

*See also Screw Plates*

**AMERICAN TAP & DIE CO.** ("Adamantine," "Acme" & "Eagle" Blacksmiths' & Pipe), Greenfield, Mass. *See adv index at end of book*

**ARMSTRONG MFG. CO.** ("Genuine Armstrong" Pipe & Bolt Threading, etc.), 278 Knowlton, Bridgeport, Conn. *See adv index at end of book*

Ashcroft Mfg. Co. (Pipe), 119 W 40th, New York

Augmore Mfg. Co. ("Augmore") 5407 Sweeney av, Cleveland, O.

Bay State Tap & Die Co. (Solid Screw Plate Stocks, etc), Mansfield, Mass.

**BORDEN CO. THE** ("Beaver" Adjustable Die Stocks), Warren, O. *See adv index at end of book*

Brubaker W. L. & Bros. ("Armstrong" Pattern Adjustable), Millersburg, Pa.

Butterfield & Co., Derby Line, Vt.

Card S. W. Mfg. Co., Mansfield, Mass.

Carpenter J. M. Tap & Die Co. ("True Blue" & "Little Wonder"), Pawtucket, R. I.

Champion Blower & Forge Co., Lancaster, Pa.

Conant & Donelson Co. ("Reliable"), Conway, Mass.

Crane Co. (Est. 1855) (Pipe Threading, etc), 836 S Michigan av, Chicago, Ill. *For branch offices see adv index at end of book*

Crane Co (Solid, Adjustable & Screwing), Bridgeport, Conn.

Crown Die & Tool Co. ("Crown," Solid Dies), 555 W Monroe, Chicago, Ill.

Curtis & Curtis Co. ("Forbes" Patent Pipe), Bridgeport, Conn.

**GREENFIELD TAP & DIE CORP.** ("Lightning," "Green River," "Little Giant" & "G. T. D."), Greenfield, Mass. *See adv index at end of book*

Handy Mfg. Co. ("Handy"), Bridgeport, Conn.

Hart Mfg. Co. ("Buckeye," "Duplex" Adjustable Ratchet Die Stocks), Cleveland, O.

Hinman D. A. & Co. ("Enterprise" Ratchet Die Stocks), Sandwich, Ill.

Hollands Mfg. Co. (Pipe), 352 E 18th, Erie, Pa.

Jarecki Mfg. Co. (Pipe Threading, etc), Erie, Pa., & Pittsburgh Pa.

Kemp C. M. Mfg. Co. ("Climax" Ratchet Stocks), 405 E Oliver, Baltimore, Md.

Keystone Die Stock Co. ("J. J. Delehant's Keystone" Die Stocks), 652 W 47th, Chicago, Ill.

**LOWELL WRENCH CO.** (Ratchet Die Stocks), 54 Commercial, Worcester, Mass. *See adv index at end of book*

McMann & Taylor Co., 104 John, New York. *See adv index at end of book*

Mark Mfg. Co., Evanston, Ill.

Morse Twist Drill & Machine Co. (Screw Plates & Dies), New Bedford, Mass.

Nye Tool & Machine Works ("Nye" Solid Die Stocks & Adjustable Hand Stocks), 108 N Jefferson, Chicago, Ill.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Oster Mfg. Co. ("Oster," "Bull Dog," Ratchet Stock & Die), Cleveland, O.

Oswego Tool Co. (Malleable & Adjustable Patterns), Oswego, N. Y.

Pancoast Hy. B. Co. (Pipe Threading, etc), 243 S 3d, Phila., Pa.

Polk A. J. & Son (Pipe), Millersburg, Pa.

Pratt & Whitney Co. ("Whitney" Ratchet Drill Stock), Hartford, Conn.

Reed Mfg. Co. (Adjustable & Solid Pipe & Bolt), Erie, Pa.

Robbins, Gamwell & Co. (Die Stocks), Pittsfield, Mass.

Russell Mfg. Co., Greenfield, Mass.

Saunders D. Sons (Pipe Threading, etc), Yonkers, N. Y.

Standard Engineering Co. (Hand), Ellwood City, Pa.

Superior Tap Co. (Blacksmiths'), Charleston, N. H.

Toledo Pipe Threading Machine Co. (Hand Operated Threading Tools), 1440 Summit, Toledo, O.

Walworth Mfg. Co. ("Hall," Pipe Threading, etc), Boston, Mass.

Wells F. E. & Son Co., ("Economy" "O. K.", "Wells" Pipe Threading), Greenfield, Mass.

Winter Bros. Co. (Die Stocks), Wrentham, Mass.

**14336—Stone (Artificial Building)**

*See also Blocks, Hollow Concrete Building*  
Art Stone Co., 240 Market, Hartford, Conn.  
Art Stone Co., Millers Falls, Mass.

**Die Stocks — "Beaver" Easy-Worker**

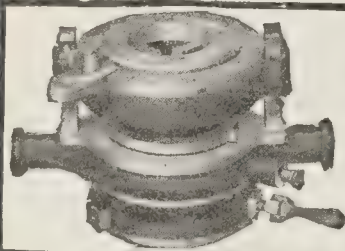
With Beaver "Easy-Workers" one man can thread up to 12-inch pipe. Iron or steel. "Beavers" are compact, sturdy "one-piece" tools, without loose bushings or extra dies. (Except in largest sizes) Saves changing dies. Can't lose parts. You buy one set of dies—not four. Adjustable to cut special threads. *Sold on trial by leading jobbers.*

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| No. 26 | 1 - 2 " Ratchet |
| No. 41 | 2 1/2 - 4 " "   |
| No. 61 | 2 1/2 - 6 " "   |
| No. 80 | 4 1/2 - 8 " "   |
| No. 90 | 9 - 12 " "      |





Buffalo Litholite Co., Main & Amherst, Buffalo, N. Y.  
 Decorative Stone Co., New Haven, Conn.  
 Eilbacher Chas., 32 4th, Elizabeth, N. J.  
 Emerson & Norris Co., Boston, Mass.  
 Hydro Stone Products Co., Insurance Exch. bldg., Chicago, Ill.  
 Kapailo Mfg. Co., 103 Park av, New York  
 Kraus J. C., Cast Stone Works (Balustrades, Columns, etc), 363 Lexington av, New York  
 Menefee Art Stone Co., Ft. Wayne, Ind.  
 New England Stone Co. (For All Purposes), New Haven, Conn.  
 Norwood Concrete Block & Constr'n Co., Madison av, & C. L. & N. Ry., Norwood, O.  
 Onondaga Litholite Co., Syracuse, N. Y.  
 Puritan Cement Stone Co., 164 Federal, Boston, Mass.  
 Rackle Geo. & Sons Co., Cleveland, O.  
 Reimers-Kaufman Co., Lincoln, Neb.  
 Simpson Bros. Corp., 166 Devonshire, Boston, Mass.  
 Whitman Studios (Ornamental), 900 Oxford, Phila., Pa.

### Stone Crabs (Hook & Chain)

See Crabs, Hoisting

### 14337— Stone (Crushed)

See also Trap Rock; also Granite Producers, Workers, etc; also Stone Producers, Workers, etc; also Stone Screenings

### ARKANSAS.

LITTLE ROCK—Big Rock Stone & Construction Co.  
 Blue Trap Rock Co.  
 Pulaski Stone Co.

### CALIFORNIA.

COLTON—California Portland Cement Co. (Limestone)  
 LOS ANGELES—California Portland Cement Co. (Limestone)  
 Los Angeles Stone Co., Baker Detwiler bldg.

### CONNECTICUT.

BRIDGEPORT—Burns Co., Lindley Pierce B. D., Jr., Co. (Trap Rock, etc), 122 Bank  
 MERIDEN—Connecticut Quarries Co. Lane Quarry Co.  
 NEW HAVEN—Blakeslee C. W. & Sons, 58 Waverly  
 NORWICH—Torrance Archibald

### DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine  
 Stewart & Donohue, Augustine  
 Warner Chas. Co., I. O. O. F. bldg.

### DISTRICT OF COLUMBIA.

WASHINGTON—Columbia Granite & Dredging Co., 3036 K, N W

### FLORIDA.

TAMPA—Florida Crushed Rock Co.

### GEORGIA.

ATLANTA—Venable Bros.  
 Whitestone Marble Co. (Marble)  
 CARTERSVILLE—Ladd Lime & Stone Co.  
 LITHONIA—Combs Granite Co. (Granite)  
 MACON—Georgia Quincy Granite Co.  
 Parker Quarries Co.

### ILLINOIS.

ALTON—Armstrong Jno. Lime & Quarry Co. (Limestone)  
 BELLEWOOD—O'Laughlin A. C. Co.  
 CHICAGO—American Granite Co. (Granite), 133 W Wash'n  
 Granite Heights, Wis., Lohrville, Wis.  
 Brownell Improvement Co. (Limestone, also Concrete Stone), Cham. of Com. bldg  
 Chicago Contractors' Supply Co., 5835 Loomis  
 Chicago Crushed Stone Co., 30 N La Salle.

Chicago Union Lime Works Co., 1900 W 19th  
 Dolese Bros. Co. (Limestone), 10 S La Salle, Chicago, Ill.  
 Dolese & Shepard Co. (Limestone), 108 La Salle  
 Illinois Stone Co., 1257 Elston av  
 National Stone Co. (Limestone), 122 S Michigan av  
 O'Laughlin A. C. Co., 133 W Wash'n Producers' Material Co., 29 S La Salle  
 Stearns Lime & Stone Co. (Limestone), 160 W Randolph  
 Tuthill Building Material Co., 131 W 63d  
 United States Crushed Stone Co., 108 S La Salle  
 Universal Crushed Stone Co., 29 S La Salle  
 Waushara Granite Co., 179 W Washington  
 Western Stone Co., 133 W Wash.  
 Wisconsin Granite Co. (Granite), 11 S La Salle  
 EAST ST. LOUIS—East St. Louis Stone Co.  
 ELGIN—Magnus Andrew  
 JOLIET—Joliet Flux Co.  
 KANKAKEE—Lehigh Stone Co.  
 PEORIA—Wasson T. J.  
 QUINCY—Menke F. W. Stone & Lime Co. (Limestone)

Roeder Greeman Stone & Construction Co.  
 ROCKFORD—Hart & Page  
 ROCK ISLAND—Davis T. B. & S. S. (Crushed Rubble Limestone)

### INDIANA.

ALEXANDRIA—Alexandria Crushed Stone Co.  
 HUNTINGTON—Erie Stone Co. (See Toledo, O.)  
 Keefer Henry  
 Logansport Stone & Construction Co.  
 INDIANAPOLIS—A. & C. Stone & Lime Co.  
 INGALLS—Big Four Crushed Stone Co.  
 MITCHELL—Mitchell Lime Co.  
 MONON—Monon Crushed Stone Co.  
 OSGOOD—Ashman Geo.  
 ST. PAUL—Greely Stone Co.

### IOWA.

BETTENDORF—Bettendorf Stone Co.  
 DAVENPORT—Le Claire Stone Co.  
 Linwood Quarries Co.  
 FORT MADISON—Fort Madison & Appanosse Stone Co.  
 IOWA FALLS—Ellsworth Stone Co.  
 KEOKUK—McManus & Tucker

### KENTUCKY.

FREESTONE—Kentucky Bluestone Co. (For Concrete)  
 LOUISVILLE—Speed J. B. & Co.  
 MT. VERNON—Sparks W. J. Co.  
 NEWPORT—Ohio River Stone Co.

### MARYLAND.

BALTIMORE—Amiesite & Stone Co., 15 E Fayette  
 Atkinson Jas. H., 29th & Hampden av  
 Baltimore Quarries Co., Law bldg  
 Beaver Dam Marble Co., Gunther bldg  
 Guilford & Waltersville Granite Co., Law bldg  
 Pope B. F., Law bldg  
 Standard Lime & Stone Co. (Limestone, Granite, etc), Equitable bldg  
 DICKERSON—Standard Lime & Stone Co.  
 FREDERICK—Potomac Lime & Stone Co.  
 HAGERSTOWN—Security Cement & Lime Co. (Limestone)  
 PORT DEPOSIT—Port Deposit Quarry Co. (Granite)  
 SECURITY—Security Cement & Lime Co. (Limestone)

### MASSACHUSETTS.

BOSTON—Beatty Construction Co., 66 Warren  
 Coleman J. C., & Sons Co., 1620 Tremont  
 McMurry A. J. & G. H., 16 Shepard (Br)  
 New England Crushed Stone Co., 125 Forest Hills, J. P.  
 Rockport Granite Co. (Granite, All Sizes), 31 State

CHELSEA—Coleman Bros.  
 FALL RIVER—Beattie Wm. H.  
 MONSON—Flynt W. N. Granite Co. (Granite & Trap Rock)  
 QUINCY—Kavanagh Bros. Co.  
 ROCKPORT—Rockport Granite Co. (Granite, All Sizes)  
 WALTHAM—Waltham Trap Rock Co.  
 WEST CHELMSFORD—Fletcher H. E. Co. (Granite)  
 WORCESTER—Webb Granite & Construction Co.

### MICHIGAN.

DETROIT—Baitinger Wm. F., 1486 Mach av  
 Calvert's J. Sons, 145 Griswold  
 \*Dunbar Stone Co., River Rouge  
 Little Chas. H. Co., Dock River Rouge  
 Meier Hubert A.  
 Michigan Portland Cement Paving Co.  
 Piggins Wm. S. Sons  
 Rankin Wm., 625 Avery av  
 Solvay Process Co. (Quarries & Wks., Sibley, Mich.)  
 MANISTIQUE—White Marble Lime Co. (Limestone)

### MINNESOTA.

DULUTH—Duluth Crushed Stone Co.  
 KASOTA—Babcock & Wilcox  
 Breen Stone Co.  
 MANKATO—Fowler & Pay  
 MINNEAPOLIS—Blue Limestone Co., Broadway & N. E.  
 Kettle River Co. (Sandstone), Plymouth bldg  
 Minnesota Crushed Stone Co., 15th & Johnson  
 NEW ULM—New Ulm Stone Co.  
 ST. PAUL—St. Paul Crushed Stone Co., Stewart & Victoria  
 SANDSTONE—Kettle River Co.  
 WINONA—Biesanz Stone Co. (Limestone)

### MISSOURI.

CAPE GIRARDEAU—Hely Edw. (Limestone)  
 KANSAS CITY—Belt Line Crusher Co.  
 Dewey Portland Cement Co.  
 Kansas City Material Co.  
 Lyle Rock Co.  
 Parker—Washington Co.  
 ST. JOSEPH—Young Bros. Construction Co.  
 ST. LOUIS—Eyeremann G. & Bro., 1216 S Grand av  
 Glencoe Lime & Cement Co. (Limestone), Syndicate Trust bldg  
 Hunkins-Willis Lime & Cement Co., Century bldg  
 Missouri Granite & Construction Co., 3410 Gratiot  
 Schneider Granite Co. (Granite), 2140 De Kalb

### NEBRASKA.

BLUE SPRINGS—Davis Geo. H.  
 OMAHA—Schall A. & Co.

### NEW HAMPSHIRE.

KEENE—Victoria White Granite Co. (Granite)

### NEW JERSEY.

BOUND BROOK—Bound Brook Crushed Stone Co.  
 DUNELLEN—Dunellen Lumber & Stone Co.  
 EAST NEWARK—Van Keuren & Son  
 JERSEY CITY—Delaware River Quarry & Construction Co., 26 Exchange pl (Railroad, Ballast, etc)  
 Monarch Mining Co., Culver av. (Crushed & Milled Granite)  
 LAMBERTVILLE—Delaware River Quarry & Const. Co.  
 LITTLE FALLS—Ferguson's, Wm. A. Sons  
 MORRISTOWN—Morris County Crushed Stone Co.  
 Paterson Crushed Stone Co.  
 NEW DURHAM—Belmont, Gurnee Stone Co.  
 NEWARK—Tomkins Bros., 74 Passaic  
 Upton F. R. (Sandstone), 810 Union bldg  
 Van Keuren & Son, 501 Passaic av  
 PATERSON—McKiernan & Bergin Co.  
 Paterson Crushed Stone Co.



PLAINFIELD—Bartle Bros.  
SCOTCH PLAINS—Fanwood Stone Crushing & Quarry Co.  
SUMMIT—Commonwealth Quarry Co.

NEW YORK.

AKRON—General Crushed Stone Co. (Limestone) (Branch of Easton, Pa.)  
BUFFALO—Barber Asphalt Paving Co. Buffalo Crushed Stone Co., Ellicott sq  
Carroll Bros., Ellicott sq  
German Rock Asphalt & Cement Co., D. S. Morgan bldg  
CHAUMONT—Adams & Duford Co.  
LANCASTER—Ott Bros.  
LE ROY—General Crushed Stone Co. (Limestone) (Branch of Easton, Pa.)  
NEWBURGH—Miller D. C.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bannon P. & Sons Quarry Co., 129 Richards  
Hickey M. F. Co., 83 Ninth  
Ryan N. Co., 491 Smith  
Rockport Granite Co. (Granite, All Sizes)

Boroughs of Manhattan and Bronx.

NEW YORK—Algie Robert J., 4 W 67th  
Altieri M. & Sons, 363 Concord av  
Brady Jas. B. Co., 525 E 118th  
Fleming Alfred J. (Wholesale), 109 Broad  
Leopold J. & Co. (Granite), Woolworth bldg  
McLaughlin James Co., 28 W 144th  
Murray Jos. & Co., 263 av C  
New York Trap Rock Co. (Hudson River), 17 Battery pl  
Tomkins Calvin, 30 Church

(End of New York City)

SYRACUSE—Solvay Process Co. (For Roads & Concrete Work)  
UTICA—Conley Frank E. Stone Co. (Limestone & Blue Sandstone)

NORTH CAROLINA.

ASHEVILLE—Balfour Quarry Co.  
SALISBURY—Harris Granite Quarries Co. (Granite)

OHIO.

BUCYRUS—Broken Sword Stone Co. (Crushed for Concrete Purposes)  
BURGOON—Murphy J. H.  
CAREY—National Lime & Stone Co.  
CINCINNATI—American Stone Ballast Co., Prov. Bank bldg  
Kirchner Construction Co., 221 W 9th  
CLEVELAND—Breakwater Co.  
Dolomite Products Co. (Limestone) 1110 Euclid av  
Kelley Island Lime & Transport Co.  
Spence Bros. (Limestone)  
COLUMBUS—Buckeye Dredging Co., Kimball & Mitchell  
Capital Lime Stone Co.  
Casparis Stone Co., Clinton bldg  
Columbus Macadam Co. (Limestone), 319 Dublin av  
Marble Cliff Quarries Co.  
FINDLAY—Hancock Stone Co.  
Tarbox & McCall  
FOSTORIA—Ohio & Western Lime Co.  
GERMANTOWN—Wiggin Crushed Stone & Sand Co.  
HOLLAND—France Stone Co.  
LEETONIA—McKeefrey & Co.  
Shenango Limestone Co.  
LOWELLVILLE—Carbon Limestone Co. (Concrete a Specialty)  
MARION—Evans Jno. Stone & Lime Co.  
NORTH BALTIMORE—France Stone Co.  
OTTOVILLE—Lauer N.  
PANDORA—Schumacher Stone Co.  
PIQUA—Ohio Marble Co. (Limestone)  
SANDUSKY—Wagner Quarries Co.  
SPENCERVILLE—Spencer Stone Co.  
SPRINGFIELD—Mills Bros.  
Moore's Lime Co. (Limestone)  
SYLVANIA—Sylvania Stone Co.  
TOLEDO—Erie Stone Co.  
France Stone Co.  
Ohio & Michigan Sand & Gravel Co. (Granite)  
Toledo Stone & Glass Sand Co.  
Woodville Lime Products Co.

VAN WERT—Big Four Crushed Stone Co.  
Erie Stone Co.  
YOUNGSTOWN—Arrell Limestone Co.  
Bessemer Limestone Co. (For Concrete, Macadam, etc)  
Concrete Stone & Sand Co. (Blue Sand Stone)

OKLAHOMA.

ARBuckle—\*Dolese Bros. Co. (See Chicago, Ill.)  
RICHARDS—\*Dolese Bros. Co. (See Chicago, Ill.)

OREGON.

PORTLAND—St. Helenas Quarry Co., Blake-McFall bldg.

PENNSYLVANIA.

BELLEfonte—American Lime & Stone Co. (Branch of Tyrone, Pa.)  
Bellefonte Lime Co.  
EASTON—Easton Lime Co.  
General Crushed Stone Co.  
GLEN MILLS—General Crushed Stone Co. (Trap) (Branch of Easton, Pa.)  
GREEN LANE—Davis Trap Rock Quarry Co. (See Phila., Pa.)  
Perkiomen Crushed Stone Co., Bulletin bldg  
LANCASTER—Lancaster Lime & Supply Co.  
NORRISTOWN—Dyer Jno. T. Quarry Co.  
PHILADELPHIA—Birdsboro Stone Co., Bulletin bldg  
Davis Trap Rock Works, Parkway bldg  
Dyer Jno. T., Quarry Co., Harrison bldg  
General Crushed Stone Co., North American bldg  
Holmesburg Granite Co., Commercial Trust bldg  
Knickerbocker Lime Co. (Limestone), 366 N 24th  
Lambertville Stone Quarry Co., 1218 Filbert  
Lukens & Yerkes, St. Girard bldg  
Warner Chas. Co. (Limestone), Finance bldg  
PITTSBURGH—Booth & Flinn (Ltd.) (Ligonier), 1942 Forbes  
Clydesdale Stone Co. (Hard Sandstone), Oliver bldg  
Consolidated Stone & Mining Co. (Limestone), 307 5th av  
REDINGTON—General Crushed Stone Co. (Dolomite) (Branch of Easton, Pa.)  
TYRONE—American Lime & Stone Co. (Limestone)  
WALTONVILLE—Brown-Stone Store Co. (For Concrete, etc)  
WAYNESBORO—Decarbonated Lime & Stone Co.  
WHITE HAVEN—General Crushed Stone Co. (Sandstone) (Branch of Easton, Pa.)  
WILLIAMSPORT—Susquehanna Stone Co.  
YORK—Baker J. E. Co.  
Union Stone Co.

RHODE ISLAND.

EAST PROVIDENCE—McCormick Jos.

TENNESSEE.

CHATTANOOGA—Chickamauga Quarry & Construction Co. (Limestone)  
Hooker Limestone Co., Chattanooga, Tenn.  
MEMPHIS—Christie Cut Stone Co.  
Kastner Cut Stone Co.  
NASHVILLE—Foster & Creighton Co.  
NEWSOMS STATION—Ezzel Mill & Stone Co.

TEXAS.

EL PASO—El Paso Ice & Refrigerator Co.  
HOUSTON—Standard Teaming Co.  
Texas Grading Co.

VERMONT.

HARDWICK — WOODBURY GRANITE CO. (Granite Only)

VIRGINIA.

RICHMOND—Davis A. & Bros., Hermitage rd

WASHINGTON.

SEATTLE—Independent Asphalt Paving Co.

WISCONSIN.

AMBERG—Pike River Granite Co.  
LA CROSSE—La Crosse Stone Co.  
MILWAUKEE—American Granite Co. (Granite, 15th & Cleveland av)  
Donahue J. & Sons, 318 Bradford av  
Lake Shore Stone Co., Railway Ex. bldg  
Lannon Crushed Stone Co., 3017 Wright  
OSHKOSH—Lutz Robert  
RACINE—Universal Crushed Stone Co.

14338—Stone Crusher Parts & Repairs

See also Castings, Rock Crusher  
American Manganese Steel Co. ("Amsco" & "Stag" Brand, Manganese Steel), 332 S Michigan av, Chicago, Ill.  
Steele & Condict, 74 Pearl, Jersey City, N. J.  
Taylor Wharton Iron & Steel Co., High Bridge, N. J.

14339—Stone Crushing Plants (Complete)

Acme Road Machinery Co., Frankfort, N. Y.  
ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book  
Atlas Engineering Co., Amherst, O. See adv index at end of book  
Buchanan C. G. Co., 90 West st, New York  
Buckbee J. C. Co., 38 S Dearborn, Chicago, Ill.  
Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.  
Good Roads Machinery Co. ("Champion" & "Climax"), Kennett Square, Pa.  
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York See adv index at end of book  
Mashek Engineering Co., 90 West, New York  
Penna. Crusher Co., St. Girard bldg, Phila., Pa.  
South St. Louis Foundry Co., 7514 S. B'way, St. Louis, Mo.  
Traylor Engineering & Mfg. Co., Allentown, Pa.  
Universal Road Machinery Co. ("Reliance"), Kingston, N. Y.  
Worthington Pump & Machy. Corp., 115 B'way, New York

14340—Stone Crushing Plants (Portable)

Good Roads Mach'y Co., Kennett Square, Pa.  
KENNEDY VAN SAUN MFG. & ENG. CORP., 120 Broadway, New York. See adv index at end of book

14341—Stone (Flattening)

Beaver Valley Pot Co. (For Window Glass Mfrs.), Rochester, Pa.  
Souder F. M. ("Imp."), Millville, N. J.

14342—Stone (Fluxing)

Dolomite Products Co., 1110 Euclid av, Cleveland, O.  
Hooker Limestone Co., Chattanooga, Tenn.  
Marble Cliff Quarries Co., Columbus, Ohio  
Security Cement & Lime Co., Hagerstown, Md.  
Woodville Lime Products Co., Toledo, O.

14343—Stone Morgue & Dissecting Slabs

Euclid Stone & Brick Co., Cleveland, O.

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# 14344—Stone Producers, Workers & Dealers

Firms who Operate Quarries are Marked by Either a § or \*  
See also Granite Producers, Workers & Dealers; also Marble Producers; also Lime Mfrs.; also Cement Mfrs.; also Roofing Slate Mfrs.; also Blast Furnaces

## ALABAMA.

ANNISTON—Lagarde Lime & Stone Co.  
BIRMINGHAM—Gulf States Steel Co. (Limestone)  
Macke Marble & Granite Works (Cut Stone)  
Oak Hill Marble Works (Cut Contractors)  
Reed Bros.  
\*Sloss-Sheffield Steel & Iron Co. (Limestone, All Consumed by the Company)  
\*Tennessee Coal, Iron & R. R. Co. (Limestone, All Consumed by the Company)  
HUNTSVILLE—Hummel J. F. & Sons (Cut Contractors)  
ROCKWOOD—Foster & Creighton Co. (See Nashville, Tenn.)

## ARKANSAS.

BATESVILLE—\*Pfeiffer Stone Co. (Batesville Oolitic)  
FORT SMITH—Monumental & Cut Stone Co.  
PINE BLUFF—Sheppard E. A. (Cut Stone)

## CALIFORNIA.

COLTON—\*California Portland Cement Co. (Building Rock)  
GILROY—§Martin A. A. (Cut Contractors)  
LOS ANGELES—Allison S. & Son, 1354 Palmetto  
Bly Bros. & McGilliard Stone Co., 668 S Utah  
Lane Bros. (Cut Contractors), 910 S Main  
Portland Cement Co. (Building Rock), 129 W 2d  
Raymond Stone Co.  
OAKLAND—Veitch W. T. & Bro.  
SAN DIEGO—§Simpson-Pirie Granite Co.  
SAN FRANCISCO—Colusa Sandstone Co., Potrero av & Division  
McGilvray Stone Co. (Cut Contractors), Townsend & 7th  
§Raymond Granite Co., Potrero av & Division  
\*San Francisco Quarries Co., Balboa bldg

## COLORADO.

COLORADO SPRINGS—Newton Lumber & Mfg. Co.  
DENVER—\*Colorado Fuel & Iron Co. (Limestone & Dolomite Quarries)  
Edwards E. A. & Co. (Cut Contractors), 13th & Delgany  
Fraser & Richardson Construction Co. (Cut Contractors), 6th & Wewatta  
Greenlee Stone & Bldg. Co., 1515 13th Sites & Buell, 505 E 6th av  
Threewit Benj F., 1439 Wynkoop

## CONNECTICUT.

ANSONIA—\*Ansonia Trap Rock Co. §Potter Wm. (Cut Contractors)  
\*Wooster Chas. B.  
BRIDGEPORT—Jackson Stone Co. (Cut Contractors)  
Wheeler & Howes (Blue)  
BRISTOL—Arms Howard G. (Foundation)  
GUILFORD—\*Beattie John (Est. of)  
HARTFORD—Billings Sidewalk & Coal Co. (Blue, etc)  
Freeburg A. S.  
Kelly Bros. (Cut Contractors), 93 Charter Oak  
\*O'Connor & Walker Cut Stone Co. (Cut Contractors), 40 Edwards  
Putnam H. E.  
Watson Alexander (Flagging)  
LIME ROCK—\*Barnum-Richardson Co. (Limestone, All Consumed by the Company)  
MERIDEN—\*Connecticut Quarries Co. (Crushed)  
Grossman G. J. (Free)

\*Kearney Thos.  
Lane Jno. S. & Son (Crushed Trap Rock)  
\*Lane Quarry Co. (Crushed, etc)  
Lines H. Wales Co. (Blue & Brown Stone)  
Luby Wm. J. (Blue, etc.)  
MIDDLETOWN—Middletown Coal Co. (Flagging, etc)  
NEW BRITAIN—Holloran Matthews W (Building)  
Meehan Jno. F. (Freestone)  
Smith Thomas C. (Bluestone)  
NEW HAVEN—Blakeslee C. W. & Sons (Building, Broken & Blue), 58 Waverly  
\*Connecticut Quarries Co. (Crushed Trap Rock)  
Howards' Co. (Blue), 250 Boulevard  
Kaehle Stone Co. (Cut Contractors), 6 Hamilton  
Maxwell Jno. & Son, 112 Winchester av  
Warner-Miller Co. (Blue Stone)  
NEW LONDON—D'Avignon Francis P. (Blue & Brown)  
Rogers Hervey E.  
§Ryan John J. (Cut Contractor & Flagging)  
NEW MILFORD—Hansen Christian  
NORWALK—\*Hall Irving  
Meeker Coal Co. (Blue)  
NORWICH—Dodd Thos. J.  
Harrington P. J.  
Peck McWilliams & Co. (Flagging)  
Torrance Archibald  
PORTLAND—§Brainerd, Shaler & Hall Quarry Co. (Brown)  
Connecticut Steam Brownstone Co. (Brownstone Cutters & Contractors)  
ROCKVILLE—Martin W. B.  
\*Rau Conrad B. (Flagging)  
ROCKY HILL—\*Conn. Quarries Co.  
SHELTON—(See Derby)  
SOUTH NORWALK—(See Norwalk)  
STAFFORD SPRINGS—Kingsbury A. W. (Monumental Work & Curb Stone, Stone Cutter)  
STAMFORD—Bounty A. E. Co. (Blue Flagging)  
TORRINGTON—DeMichiel Jno. & Bros.  
WATERBURY—§Chatfield & Chatfield (Blue, etc)  
Gaffney J. W. & Son (Blue)  
Jackson Thos. F. Co. (Cut Contractors)  
WILLIMANTIC—\*Larrabee C., Jr.  
WINSTED—Carey J. F.

## DELAWARE.

WILMINGTON—Delaware Granite & Mining Co., 14th & Pine  
\*Stewart & Donohue, Augustine

## DISTRICT OF COLUMBIA.

WASHINGTON—Columbia Granite & Dredging Corp. (Crushed, Building & Rip Rap), 3036 K, N W  
Low Robert & Co., 115 3d, S W  
Rupprecht Co. (Cut Contractors), 129 Pennsylvania av, N W  
Smith Philip, 1st, & B. S. W  
Veihmeyer & Lapish, 1420 Ohio av, N W

## FLORIDA.

TAMPA—\*Florida Crushed Rock Co. (Crushed, etc)

## GEORGIA.

ATHENS—Bisson P. & Son (Building)  
ATLANTA—Capital Stone Co. (Cut Contractors)  
Venable Bros. (Curbing)  
COLUMBUS—Elledge & Norman Marble Co.  
LITHONIA—Brand John T. (Cut Stone, Curb, Flagging, etc.)  
\*Crossley R. J.  
NELSON—Blue Ridge Marble Co. (Cut Contractors)  
TOCCOA—\*Schaefer Edw.

## ILLINOIS.

ALTON—\*Alton Builders' Supply Co.  
\*Armstrong J. Lime & Quarry Co. (Limestone)  
\*Reliance Quarry & Construction Co.  
BATAVIA—§Barker W. P.

BLOOMINGTON—Higgins-Jung-Kleinau Co. (Cut Stone)  
Moore J. K. (Cut Stone)  
CHICAGO—\*AMERICAN STEEL & WIRE Co. (All Consumed by the Company), 208 S La Salle  
See adv index at end of book  
Anderson Andrew G., 5838 Justine  
Anderson Richard, 3112 Osgood  
Andres Stone & Marble Co., 343 S Dearborn  
Artesian Stone & Lime Works Co. (Limestone), Grand & Campbell avs  
Baumann Jacob, 1326 Altgeld  
Bollean Paul, 722 S Kelmar  
Brodix & Malone (Dealers), 112 W Adams  
California Cut Stone Co., 2136 S Sawyer av  
Central Oolitic Stone Co., 2126 S Kedzie av  
Chicago Crushed Stone Co., 30 N La Salle  
Chicago Cut Stone Co. (Cut Contractors), 3403 La Salle  
\*Chicago Union Lime Works Co. (Macadam & Crushed), 1900 W 19th  
Cleveland Stone Co. (Ohio Blue & Buff), 140 S Dearborn  
Dallmann Chas. F. & Co., 5816 Laflin  
Dearborn Cut Stone Co., Dearborn & 61st  
Diener T. C. & Co. (Contractor, Cut), 1157 W 21st  
Dolese Bros. Co. (Crushed), 10 S La Salle  
\*Dolese & Shepard Co. (Crushed, etc.), 108 S La Salle  
Douglas Cut Stone Co., 2131 S Troy  
Edgeworth Jas. J. (Contractors' Cut), 2701 Stewart av  
Edwards John H. (Cut Contractors), 5837 Justine  
Egendorf John, 1227 Otto  
Falter Geo. A. (Cut), 917 S Keeler av  
Fluck & Hamilton (Cut Contractors), 7306 Kimpark av  
Furst-Kerber Cut Stone Co., 2301 S La Salle  
Furst & Fanning (Cut Stone Contractors), 946 Kingsburg  
Galloy & Van Etten (Cut Contractors), 11756 S Halsted  
Geipel Ernest C., 7740 S Sangamon  
Godfriaux & Kauffmann, 2115 Girard  
Greene & Sons, 3403 Lowe av  
Hagan James A., 1121 E 42d  
Hampson Jas. A., 3529 S Leavitt  
Henry Wm., 5837 Justine  
Hepperle J. & Son, 4008 W Taylor  
\*Illinois Steel Co. (Limestone, all Consumed by the Company), 208 S La Salle  
\*Illinois Stone Co. (Dimension & Rubble), 1257 Elston av  
\*Indiana Quarries Co. (Blue & Buff Oolitic, Ind., Limestone), 112 W Adams, Quarries & Mills: Bedford, Ind.  
Jones Thos. J., 1257 S Rockwell  
Karge Frank (Cut Contractors), 5831 Bishop  
Kempe P. & Co. (Cut Contractors), 571 Mather  
Klingenhagen F. M. (Cut Contractor), 2654 Flournoy  
Kurfess Gregor (Cut Contractor), 95th & Maple  
Lemont Limestone Co., 2433 S Ashland av  
McArthur Cut Stone Co., 4610 Rice  
McHugh Jno., 5816 Normal av  
McKay-Storer Co., 5 N La Salle  
McMillan W. & Son (Inc.), (Building & Cut Stone), Otis bldg  
Mahan Co., 2132 S Kedzie av  
Mesce Pasquale (Contractor), 1659 N Western  
Miers D. K. & Co., 76 W Monroe  
Nelson & Hawkinson (Cut Stone), 6153 B'way  
Ohio Sandstone Co., 140 S Dearborn  
O'Laughlin A. C. Co., 133 W Wash'n  
Olson & Nelson Cut Stone Co. (Cut Contractors), 3401 S La Salle  
\*Peoria Stone & Marble Works (of Peoria, Ill.), 140 S Dearborn  
Sasgen Derrick Co. (Lewis Stone), 3101 W Grand av  
See adv index at end of book  
Schick Wm., 2143 Sawyer av  
Skoglund Emil G. (Cut Contractor), 4920 N Clark  
Skoglund Eric, 5555 N Lincoln av



Stein-Ebertshaeuser & Co. (Cut Contractors), 1017 W Division  
 Steven & Son Co., 175 W Jackson blvd,  
 Storer Richard V., 10 S La Salle  
 Struble Henry, Cut Stone Co., 209 S La Salle  
 Sward A. E. & Co. (Cut Contractors), 123 W 33d  
 Tait John Co. (Cut Contractor), 80 E Jackson blvd  
 †United States Crushed Stone Co., 108 S La Salle  
 Universal Crushed Stone Co., 29 S La Salle  
 Ward Albert J. Co., Fullerton av Bridge  
 Watson Gavin F., E 72d & Blackstone av  
 West Side Cut Stone Co., 2422 W Walton  
 Western Stone Co. (Cut Contractors), 133 W Wash  
 Wilde & Schmidt (Cut Contractors), 21st W of Marshall blvd  
 Winkler Ignatz & Co., 2616 S Sacramento av  
 DECATUR—Grindol W. H. & Sons  
 Pasold John I. (Cut Contractor)  
 EAST ST. LOUIS—East St. Louis Stone Co. (Cut Contractors)  
 Interstate Contracting & Supply Co.  
 \*Queen City Quarry Co.  
 †Stolle Casper Quarry & Contracting Co. Cahokis bldg.  
 ELGIN—\*Magnus Andrew (Crushed Stone)  
 Russell & Treiber (Cut Stone)  
 ELMHURST—\*Elmhurst-Chicago Stone Co.  
 FAIRMOUNT—\*Casparis Stone Co.  
 GALESBURG—Craig & Harris (Cut Contractors)  
 GRAFTON—\*Grafton Quarry Co. (Sandstone)  
 JOLIET—Commercial Stone Co. (Limestone)  
 \*Groth Adam & Co. (General & Cut Stone Contractors)  
 \*Joliet Flux Co. (Crushed, etc)  
 \*Joliet Quarries Co.  
 \*Merchants Stone Co.  
 \*Murphy D. & F.  
 †Western Stone Co.  
 KANKAKEE—\*Lehigh Stone Co. (Crushed Stone, etc)  
 LEMONT—\*Illinois Stone Co. (Dimension & Rubble)  
 †Western Stone Co. (Limestone)  
 LENA—Perkins H. F. (Cut Contractor)  
 LINCOLN—Lincoln Monument Co.  
 MOLINE—\*Moline Stone Co. (Limestone)  
 OAK PARK—Chellberg Otto (Cut Stone)  
 Chicago & Oak Park Cut Stone Co. (Cut Stone)  
 Opt John & Co. (Cut Stone)  
 OTTAWA—Baldwin & Prisler Co. (Cut Stone)  
 PARIS—Safford's S. Sons (Cut Stone)  
 PEORIA—Enterprise Stone Co.  
 Triebel & Sons (Cut Stone)  
 Wasson T. J. (Crushed)  
 QUINCY—\*Menke F. W. Stone & Lime Co. (Limestone)  
 \*Roeder & Greeman (Crushed, etc)  
 ROCKFORD—\*Carriaco Stone Co.  
 \*Hart & Page (Building, Bridge & Rubble)  
 Reid Fred (Cut Contractor)  
 ROCK ISLAND—\*Davis T. B. & S. S. (Limestone, Crushed Rubble)  
 SPRINGFIELD—Baum M. J. (Cut Stone)  
 Fortado J. L. Co. (Cut Contractors)  
 Illinois Granite & Stone Works (Cut Contractors)  
 URBANA—Clark C. N. & Co.  
 WAUKEGAN—Bairstow Frederick (Dealer)

## INDIANA.

ALEXANDRIA—Alexandria Crushed Stone Co. (Crushed, etc)  
 BEDFORD—Bedford Cut Stone Co. (Cut Contractors)  
 †Bedford Steam Stone Works (Saw Hills, Columns, etc)  
 Bedford Stone & Construction Co.  
 \*Consolidated Stone Co. (Quarries & Mills, Bedford, Park Hollow & Hunter Valley)  
 Imperial Stone Co.  
 \*Indiana Bedford Stone Co.  
 †Indiana Limestone Co. (Blue & Buff, Oolite, Ind. Limestone)

Ingalls Stone Co.  
 \*Norton C. S. Blue Stone Co.  
 \*Reed Stone Co. (Cut Contractors)  
 Rowe John A. Cut Stone Co. (Cut Contractor)  
 Shea, Donnelly Giberson Co. (Cut, Contractors)  
 \*Struble Henry Cut Stone Co. (Cut Contractors) (of Chicago)  
 BLOOMINGTON—\*Bloomington - Bedford Stone Co.  
 Bloomington Crushed Stone Co.  
 †Central Oolitic Stone Co. (Cut Contractors, Bluff & Blue Limestone)  
 †Chicago & Bloomington Stone Co.  
 \*Crescent Stone Co.  
 \*Empire Stone Co. (Indiana Oolitic Limestone)  
 Hoadley Stone Co. (Cut Contractors)  
 Hunter Bros. Stone Co.  
 \*McMillan W. & Son (of Chicago)  
 \*Mathers Stone Co. (of Chicago)  
 \*Matthews Bros. Co.  
 \*Monroe County Oolitic Stone Co.  
 †National Stone Co. (Buff & Blue Limestone)  
 Nolan James H. Sons Co.  
 \*South Side Stone Co.  
 \*Star Stone Co. (of Chicago)  
 BLUFFTON—\*Erie Stone Co. (See Toledo, Ohio)  
 CANNELTON—\*Pauline F. S. & Co.  
 COLUMBUS—McCormack P. H. Co.  
 ELLETTTSVILLE—\*Matthews Bros. Co.  
 \*Perry Stone Co.  
 Thompson A. J. Stone Co.  
 ELWOOD—Digel S. H. (Cutter, Flagging, etc)  
 EVANSVILLE—\*Caden Stone Co. (Green River Oolitic Limestone, Rough & Cut)  
 Ohio Valley Stone Co.  
 Scholz F. J. & Son  
 FLOYDS KNOBS—American Stone Co.  
 FORT WAYNE—Geake William (Cut Contractor)  
 Keller & Sons (Cut Contractors)  
 †Moellering's Wm. Sons  
 FRANKFORT—\*Morris Wm. G. & Bro.  
 GREENCASTLE—\*Ohio & Indiana Stone Co. (See Indianapolis)  
 GREENSBURG—\*Greensburg Limestone Co.  
 HUNTINGTON—\*Erie Stone Co. (See Toledo, O.)  
 \*Logansport Stone & Construction Co. Ohio & Western Lime Co.  
 INDIANAPOLIS—A. & C. Stone & Lime Co.  
 Ittenbach G. & Co. (Cut Contractors), 916 Harrison  
 \*Spencer Stone Co. (Quarries, Spencer, Ind.)  
 INGALLS—\*Big Four Crushed Stone Co. (Crushed, etc)  
 KOKOMO—\*Chaffin Bros.  
 \*Kokomo Stone Co.  
 \*Leach J. M. Mfg. Co.  
 LAFAYETTE—\*France Co.  
 LAPORTE—Franklin B. A. (Cut Contractor)  
 LAUREL—Secrest John P.  
 MARION—Benner F. M. & Co.  
 MARKLE—Markle Stone & Lime Co.  
 MUNCIE—Busch, Russell & Gelts Co. (Cut Contractors)  
 Illingworth Fred (Cut Contractor)  
 NEW ALBANY—Vernia John & Son Marble Co. (Cut Contractors)  
 NEW POINT—\*Big Four Stone Co.  
 OOLITIC—\*Indiana Quarries Co. (Buff & Blue Oolitic, Ind. Limestone)  
 (See Offices, Chicago, Ill.)  
 OSGOOD—\*Ashman Geo.  
 \*Cox G. W.  
 \*Osgood Lime Stone Co.  
 ST. PAUL—\*Greely Stone Co. (Crushed)  
 \*St. Paul Stone Quarries Co.  
 SOUTH BEND—Schmidt Cut Stone Co. (Cut Contractors)  
 SPENCER—\*Spencer Stone Co.  
 STINESVILLE—\*Hoadley J. & Sons Co. (Sawed, Planed, Turned & Cut)  
 \*Romona Oolitic Stone Co.  
 TERRE HAUTE—\*Terre Haute Stone Works Co. (Cut Contractors & Flagging)  
 Walsh Edward W.  
 WESTPORT—Westport Stone Co.

## IOWA.

BETTENDORF—Bettendorf Stone Co. (Crushed)  
 BURLINGTON—Burrus O. M. & Bro.  
 CEDAR RAPIDS—Edinger Ed. Co. (Cut Stone)  
 \*Iowa Stone Co.

CLINTON—McDonnell D. P. J. (Cut Contracting Stone)  
 DAVENPORT—\*Davenport Stone & Marble Co.  
 \*Le Claire Stone Co.  
 \*Linwood Quarries Co.  
 DES MOINES—Capitol Hill Monument Co. (Cut Stone)  
 Des Moines Marble & Mantel Co. (Cut Stone)  
 \*Earlham Land Co.  
 \*Rowat Cut Stone Co.  
 DUBUQUE—Schulte G. G. (Cut Contractors)  
 Wagner Henry (Cut Contractors)  
 FORT MADISON—\*Fort Madison & Ap-panosse Stone Co. (Crushed, etc)  
 KEOKUK—\*McManus Quarries Co.  
 MASON CITY—Dayton-Montague Granite Works  
 STONE CITY—\*Dearborn H. & Sons  
 \*Ericksen F. Co.  
 \*Green J. A. & Sons  
 WATERLOO—\*Bartlett & McFarlane  
 Moline C. H. (Cut Contractors)

## KANSAS.

HUTCHINSON—Solvay Process Co.  
 KANSAS CITY—Rock Springs Ice & Stone Co.  
 PITTSBURGH—Hill Geo. W. & Sons (Cut Contractors)

## KENTUCKY.

BOWLING GREEN—Oman Bowling Green Stone Co.  
 CARTER—Foster B. D., Mrs.  
 COVINGTON—Farrell James F. (Cut Contractor)  
 \*Schlosser Frank, Highland Pike  
 DAYTON—Walter Anton Supply Co.  
 FARMERS—\*Rowan County Freestone Co. (Kentucky Blue, Rough, Bridge, Dimensions, etc)  
 FREESTONE—\*Kentucky Bluestone Co. (Rough & Sawed Building Stone, Curbing & Flagging)  
 HADLEY—\*Caden Stone Co. (Green River Oolitic Limestone, Rough & Cut). (Office, Evansville, Ind.)  
 HENDERSON—\*Fleming J. H. & Son (Cut Contractors)  
 HOPKINSVILLE—\*Dalton Bros. Brick Co. (Crushed Stone & Railroad Ballast)  
 IRVINGTON—Webster Stone Co.  
 LAWRENCEBURG—Ky. River Stone & Sand Co.  
 LOUISVILLE—Diebold John & Sons Stone Co. (Steam Stone Works & Contractors), 1417 16th  
 Peter & Burghard Stone Co. (Cut Contractors)  
 Peter & Melcher Steam Stone Works  
 MOUNT VERNON—\*Sparks W. J. Co. (Limestone)  
 NEWPORT—\*Ohio River Stone Co. (Crushed, etc)  
 Spinks Harry C. (Dealer)  
 OLIVE HILL—Highland Stone Co.  
 OWENSBORO—Mischel Geo. & Sons (Cut Contractors)  
 PADUCAH—Williamson J. E. & Co. (Cut Stone)

## LOUISIANA.

NEW ORLEANS—Jahncke F. (Dealer), Claiborne & Old Basin  
 SHREVEPORT—Newman A. J. (Cut Contractors)

## MAINE.

PORTLAND—Mannix Bros. (Freestone)

## MARYLAND.

BALTIMORE—Amiesite & Stone Co. (Rip Rap), 15 E Fayette  
 Andrew David M. Co. (Cut Contractors), Mt. Vernon & 26th  
 \*Atkinson James H. (Curb, Building, Flag, etc), 29th & Hampden av  
 \*Baltimore Quarries Co. (Gneiss), Law bldg  
 Berry & Tracey (Freestone, North River Blue, etc), Warner & B & O R R  
 Clough & Molloy (Cut Contractors), Hartford rd & B & O  
 Gault Wm. A. & Son (Cut Contractors), 9 E Lexington



Guilford & Waltersville Granite Co. (Flint Feldspar, Rough or Ground, Granite Paving Blocks, Crushed Stone, Building & Dimension Granite), Law bldg  
 Herrick Jno. Howard (Quarry Agent, Blue, Red & Brown Stone, Marble, Granite & Limestone), Law bldg  
 Knight Maurice L. (Cut Contractor), 1025 W Mulberry  
 Mann Geo. (Cut Contractors), Columbia av & B & O R R  
 Rullman & Wilson (Cut Contractors), Lafayette E Mt Royal  
 §Standard Lime & Stone Co. (Lime), Equitable bldg  
**DICKERSON**—§Standard Lime & Stone Co.  
**HAGERSTOWN**—Security Cement & Lime Co. (Limestone)  
**SECURITY**—Security Cement & Lime Co. (Limestone)

### MASSACHUSETTS.

**BOSTON**—Beatty Construction Co., 66 Warren  
 Bishop J. W. Co. (Cut Limestone Contractors), 683 Atlantic av  
 Campbell P. J. & Sons (Freestone), Southhampton, c Reading  
 Carew Jos. F. (Cut Contractor), Gerard & Mass av  
 Cleveland Stone Co., 141 Milk  
 Harrington John (Blue Stone), 166 Devonshire  
 Maher Bros. (Blue Flagging, North River Stone), 200 S Hampton  
 Meany Edw. F. & Co. (Cut Contractors, Freestone & Limestone), 534 Albany  
 Murray Henry Co., 21 Arlington  
 §Norcross Bros. Co., 73 Tremont  
 Rowe Contracting Co., Brighton  
 Smith H. P. & Co., 23 Haverhill  
 Sullivan Wm. J. Co. (Freestone) (Cut Contractor), 99 Southampton  
 Troy Bros. & Co. (Soapstone), 975 Mass av, Rox.  
 West Roxbury Trap Rock Co. (Crushed & Bldg.), W R  
 Winchester Stone Co., 535 Albany  
**BROCKTON**—Long M. D.  
 Messer Bros.  
**CAMBRIDGE**—Harrington Jno. (Est. of) (Bluestone)  
 Ricker E. & Son Co. (Cut Stone)  
 Sands Geo. R. (Cut Stone)  
**EAST LONG MEADOW**—§Norcross Brownstone Co. (East Longmeadow Brownstone), (Office, Worcester)  
 \*Rankin J. H. (Cut Contractor)  
**HOLYOKE**—Archambault Albert  
 McCormick D. & Son (Cut Contractors)  
**LAWRENCE**—Dorman Jas.  
 Lawrence Granite Co. (Cut Stone & Granite)  
**LENOX**—\*Clifford's James Sons (Freestone)  
**LOWELL**—\*Gumb Bros. (Cut Stone)  
**LYNN**—Merrill Geo. B. & Co. (Cut Contractors)  
 §Shea & Donnelly Giberson Co., (Cut Contractors)  
**NORTH ADAMS**—\*Whitney Chas. E.  
**PEABODY**—Joy Leander F. (Cut Contractor)  
**QUINCY**—See Granite Producers & Workers  
**SALEM**—Curtis Chas. E. & Son (Cut Stone)  
 O'Rourke Bros. (Cut Stone),  
**SOMERVILLE**—McCarthy Wm. J. Co.  
**SPRINGFIELD**—Casey & Broderick, 523 State  
 Cook Wm. F. Supply Co., 184 State  
 §Falt J. P. Co. (Red Sandstone, Cut Contractors), 33 Lynn  
 Gregory & Casman, 531 Main  
 §Marra Owen (Light Brown Sandstone Cut Contractors), 293 Bridge  
 §Stone A. D. & Co. (Light Brown Sandstone)  
**STONEHAM**—Bennett Perry & Sons  
**TAUNTON**—Sullivan John B. & Son (Cut Stone)  
**WALTHAM**—\*Waltham Trap Rock Co.  
**WEBSTER**—Love J. P. (Cut Contractors)  
**WESTFIELD**—\*Westfield Marble & Sandstone Co.  
**WORCESTER**—Bishop J. W. Co. (Cut Limestone Contractors), 109 Foster

\*Norcross Brown Stone Co. (East Longmeadow Brownstone, Cut Contractors), 10 E Worcester  
 \*Webb Granite & Construction Co. (Cut Contractors)

### MICHIGAN.

**ALPENA**—\*Collins Phelps  
**BATTLE CREEK**—McNaughton Angus J. (Cut Stone)  
**BAY CITY**—Bate A. & Son (Cut Contractors)  
 §Bay City Stone Co. (Cut Contractors)  
 Wright G. A. (Cut Stone)  
**BAY PORT**—\*Wallace Stone Co.  
**DETROIT**—Batchelder-Wasmund Co. (Cut Stone), Jefferson av W & 15th  
 Beebe Henry A. (Cut Stone), 1116 Wabash  
 Calvert's J. Sons (Building), 145 Griswold  
 Christa Marble Co.  
 \*Dunbar Stone Co., River Rouge  
 Gearing Bros. Co. (Ltd.), (Stone-yard), 15th & M C R R  
 Little Chas. H. Co. (Crushed & Building), Dock River Rouge  
 Meier Hubert A. (Cut Stone)  
 Ortman F. C. (Cut Stone), 1099 Wabash  
 Piggins Wm. S. Sons (Cut Stone & Steam Stone Works)  
 Rankin Wm. (Cut Stone), 625 Avery av  
 Robertson R. & Co. (Cut Stone), Amsterdam & 3d  
 Sibley M. Lumber Co., Kercheval & Beaufait  
 \*Sibley Quarry Co.  
 Smith John E. (Cut Stone), Woodland & G T R  
 \*Solvay Process Co. (Limestone) (Works, Sibley, Mich.)  
 Stefani Angelo (Curb Stone, etc.)  
**DOWAGIAC**—Rutherford I. (Cut Contractor)  
**FLINT**—Barney M. C. & Son (Cut Stone)  
**GRAND RAPIDS**—Hirth F. H.  
 Schmidt Matthew (Cut Contractors)  
 Sullivan Wm. Joseph (Cut Contractors)  
**GRINDSTONE CITY**—§Cleveland Stone Co.  
**HOUGHTON**—\*Portage Entry Redstone Co. (Ltd.)  
**KALAMAZOO**—Winslow Edw. L. (Cut Contractors)  
**LOWELL**—Hamilton Joseph H. (Est. of)  
**MANISTEE**—Forth W. J. (Cut Stone)  
**MENOMINEE**—Nowack F. C.  
**MUSKEGON**—Bauer & Beamer  
**PORT HURON**—Truesdell Marble & Granite Co.  
**SAGINAW**—Hobson & Co. (Cut Contractors)  
 Mohr John F. (Cut Contractors)

### MINNESOTA.

**DULUTH**—Duluth Crushed Stone Co. (Cut Stone)  
 \*Duluth Crushed Stone Co. (Crushed, etc)  
**KASOTA**—\*Babcock & Willcox (Rough, Sawed, Planed & Cut)  
 \*Kasota Marble & Tile Co.  
**MANKATO**—Coughan T. R. Co.  
 Ekle A. R.  
 \*Fowler & Pay  
 Meyer A. G. & Sons  
 \*Nelson J. B. Construction Co.  
 \*Widell Co.  
**MANTORVILLE**—\*Mantorville Stone Co. (Bridge & Heavy Dimension)  
**MINNEAPOLIS**—Anderson G. A. & Co. (Cut Stone), 16th av S E & Elm  
 \*Blue Limestone Co., Broadway & N E K  
 Hastings Cut Stone Co. (Cut Contractors), Main c 6th av S E  
 Jones & Hartley (Cut Contractors), 829 S 17th av  
 \*Kettle River Co. (Building, Curbing, Bridge, Paving, etc.), Plymouth bldg  
 McLeod J. A. 207 N E 2d  
 \*Minnesota Crushed Stone Co., 1500 N E Johnson  
**RED WING**—\*Lillybad, Gust. (Limestone)  
**ST. CLOUD**—(See Granite Producers, Workers & Dealers)  
**ST. PAUL**—Como Stone Co., 1071 N Dale  
 Lauer Bros. (Contractors), ft of Chestnut

Peterson P. N. Granite Co., 62 E 5th  
 Portland Stone Co., Metropolitan Life bldg  
 \*St. Paul Crushed Stone Co. (Crushed) Stewart & Victoria  
 St. Paul Stone Co., 868 W Minnehaha  
 \*Ulmer Wm. H. Co. (Cut Contractor), ft of Chestnut  
 Young C. H. Co. (Cut Contractors), 653 Rice  
 Young Jas. A. & Sons (Cut Contractors), ft of Chestnut  
**SANDSTONE**—\*Kettle River Co. (Building, Bridge Paving, etc)  
**WINONA**—\*Biesanz Stone Co. (Cut & Rough)

### MISSOURI.

**BETHANY**—Kenyon & Stanley (Cut Stone)  
**BOONEVILLE**—Merrifield J. E. (Cut Contractors)  
**BUTLER**—\*Day T. J.  
**CARTHAGE**—\*Carthage Marble & White Lime Co. (Limestone & Saw Mill)  
 \*Carthage Quarry Co. (Limestone & Saw Mill)  
 \*Carthage Stone Co. (Limestone & Saw Mill)  
 \*Carthage Superior Marble & Limestone Co. (Cut Contractors)  
 \*Kellogg Marble Co.  
 \*Spring River Stone Co.  
**COLUMBIA**—Farley Ed & Son (Cut Stone)  
**ELSBERRY**—\*Crystal Carbonate Lime Co.  
**HANNIBAL**—\*Hannibal Lime Co. (White Limestone)  
 \*Star Lime Co. (Limestone)  
**JEFFERSON CITY**—Vetter Frank J. (Cut Stone)  
**KANSAS CITY**—Bremer Cut Stone Co. (Cut Contractors), 23d & Central  
 Carthage Stone Yard, N. W. cor 16th & Askew av  
 Forrester Bros. Stone Co. (Cut Contractors), 35th & Roanoke blvd  
 Lyle Rock Co.  
 Phenix Marble Co. (Cut Contractors), 19th & Olive  
 Sutermeister Arnold Stone Co. (Cut Contractor) 2018 Roost av  
**ST. JOSEPH**—Abercrombie Stone Co. (Cut Stone)  
 Maier Sebastian (Cut Stone)  
 \*Pfeiffer Stone Co. (Cut Contractors)  
 \*St. Joseph Rock Crusher Co. (Crushed Stone)  
 \*Young Bros. Construction Co. (Crushed Stone)  
**ST. LOUIS**—\*Algolite Stone Mfg. Co., 3900 Chouteau av  
 \*Bambrick Bros. Const. Co., 5229 St. Louis av  
 \*Brockschmitt Quarry & Construction Co., 6509 Manchester av  
 \*Carthage Marble & White Lime Co., Chouteau & Vandeventer avs  
 \*Carthage Stone Co. (Cut Stone), 35th & Pakin  
 \*Columbia Quarry Co. (Limestone), Fullerton bldg  
 Eyermann G. & Bros., 1216 S Grand av  
 \*Fruin-Bambrick Const. Co., 800 S Spring av  
 \*Grafton Quarry Co. (Sandstone), Wright bldg  
 \*Hanick Quarry & Const Co., Euclid & Ashland av  
 \*Heman Construction Co., Title Guarantee Trust bldg  
 \*Mo. Valley Const. Co., 3d Nat. Bank bldg. Quarries: Alton, Ill.  
 \*Perkinson Bros. Const. Co., 3237 Caster av  
 \*Phenix Quarries Co. (J. J. Shanahan), Boyle & Wabash Ry  
 Pickel Marble & Granite Co. (Cut Contractors), 1901 N B'way  
 Pickel Stone Co. (Cut Stone), 1320 S Vandeventer av  
 Reitz Bros. Stone Co. (Cut Stone), 4500 Chouteau av  
 \*Ruecking Cons. Co., Marine av & Gasconade  
 St. Louis Cut Stone Co. (Cut Contractors), 3535 Gratiot  
 \*Sinclair Quarry & Cons. Co., Syndicate Trust bldg  
 \*Skrainka Construction Co. (Limestone), Security bldg  
 Thym Cut Stone Co. (Cut Stone), Brannon av & Odell



\*Tower Grove Quarry & Const. Co.,  
5927 Fyler av  
\*Union Quarry & Const. Co., 4687  
Nat'l Bdge rd  
WARRENSBURG—\*Pickel Benjamin

## NEBRASKA.

BLUE SPRINGS — \*Davis Geo. H.  
(Crushed, etc)  
GRAND ISLAND—Paine-Fishburn Granite  
Co. (Cut Stone)  
Scheffel William (Cut Stone)  
LINCOLN—Forburger Stone Co. (Cut Con-  
tractors)  
Speidell C. E. & Son (Cut Stone)  
OMAHA—Bloom J. F. & Co. (Cut Stone)  
\*Murphy Hugh (Red Sand), Bee bldg  
Nebraska Stone Co. (Cut Contractors)  
Schall A. & Co. (Cut Contractors)

## NEW HAMPSHIRE.

CLAREMONT—Messer Richard (Cut Con-  
tractor)  
CONCORD — (See Granite Producers,  
Workers & Dealers)  
DOVER—\*Abbott Samuel B. (Estate of)  
MANCHESTER—(See Granite Producers,  
Workers & Dealers)  
MILFORD—(See Granite Producers, Work-  
ers & Dealers)  
WEST CONCORD—(See Concord Granite  
Producers, Workers & Dealers)

## NEW JERSEY.

ASBURY PARK—Rothfritz R. E. K.  
(Blue)  
ATLANTIC CITY—Balestrieri R. & Co.  
(Cut Contractor)  
New Jersey Stone & Tile Co. (Cut Con-  
tractors)  
BAYONNE—Brady's Jas. Sons Co.  
BELLEVILLE—Tuorto Cut Stone Co. (Cut  
Contractors)  
BRIDGETON—Platt Clarence B. (Cut  
Stone)  
Shaw Wm. R. (Cut Stone)  
CHANGewater—\*Castner J. P.  
EAST ORANGE—Mayer Bez Stone Co.  
ELIZABETH—Clark A. L. Stone Co.  
(Blue)  
McGhee's Geo. Sons  
ENGLEWOOD—Prentice Co. (Blue Stone,  
Crushed, etc)  
Thompson Jos. & Son (Cut Contractors)  
HACKENSACK—Long F. R., N. G. Broad-  
hurst Co.  
HARRISON—Carr & Ball (Cut Stone)  
Durie & Davison (Cut Stone)  
Spurr J. J. & Sons (Cut Contractors)  
HASKELL—\*Haskell Quarry Co.  
HOBOKEN—Barr, Thaw & Fraser Co  
(Cut Contractors)  
Hoboken Bluestone Co. (Blue)  
IRVINGTON—Backus Albert & Co., (Cut  
Stone)  
JERSEY CITY—\*Delaware River Quarry  
& Construction Co., 26 Exchange  
pl (Crushed, Ballast, etc)  
Muirhead Robt. (Blue), 76 Montgom-  
ery  
Standard Blue Stone Co., 76 Mont-  
gomery  
LAMBERTVILLE — \*Delaware River  
Quarry & Construction Co. (See  
Jersey City)  
LITTLE FALLS—\*Ferguson's Wm. A.  
Sons (Crushed, etc)  
MONTCLAIR—Wood Thomas (Blue, etc)  
MORRISTOWN—Ennis C. W. & Co. (Blue,  
etc)  
\*Morris County Crushed Stone Co.  
\*New Jersey Trap Rock Co.  
\*North Jersey Quarry Co.  
\*Paterson Crushed Stone Co.  
\*Schmidt F. W. (Crushed)  
NEWARK—Boyle Thos. (Contractor), 174  
Riverside av  
Brown Geo. & Co. (Cut Stone Con-  
tractors), 270 Passaic  
Gerber A. F. Stone Co. (Blue), 202  
Bigelow  
Hoerner H. J. & Sons (Cut Stone Con-  
tractors), Lister av  
Monahan Stone Co. (Dealers), Plum  
Point la  
Newark Blue Stone Co. (Blue), 120  
Passaic  
Reilly J. E. Stone Co. 10 Riverside av  
Wome Stone Cutting Co. (Cut Stone  
Contractors), 117 Grafton av  
Schreitmuller Stone Co., 174 Waver-

Snyder Frank W. Contracting Co.  
(Flagging), 372 Grove  
Woodward A. H. Co. (Blue & Cut),  
128 Passaic  
Young R. & Sons (Cut Stone Con-  
tractors), 25 Grafton av  
NEWTON—Hopkins S. H.  
ORANGE—\*Spottiswoode-Cusack Co.  
PASSAIC—Diamond Stone Co.  
PATERSON—McKiernan & Bergin Co.,  
(Crushed, Paving & Building), 1st  
Nat'l Bank bldg  
\*Paterson Crushed Stone Co.  
PERTH AMBOY—Satter H. & Son (Blue  
Stone, Cut Stone, Flagging), 219  
Gordon  
Williams David J. (Stoneyard)  
PHILLIPSBURG—Martin Adam (Blue-  
stone)  
PLAINFIELD—Bartle Bros (Bullding)  
Lannon John (Blue)  
Manning L. L. & Son  
Smalley Stone Co. (Crushed)  
Watchung Stone Co. (Stoneyard)  
RAVENROCK—\*Ledger Jno.  
ROCKY HILL—\*Delaware River Quarry  
& Const. Co. (Crushed & Paving  
Blocks)  
SCOTCH PLAINS — \*Fanwood Stone  
Crushing & Quarry Co. (Crushed  
Stone)  
SOMERVILLE—Sargeant Bros. (Flag-  
ging)  
STOCKTON—\*Twining S. B. & Co.  
TRENTON—Hutchinson Samuel R.  
McDonald Alex. Co.  
\*Richardson Jos. B. & Sons (Dealers)  
Richardson P. B.  
Swayze H. M., 26 S Stockton  
WEST NEW YORK—Effert & Gerisch  
(Blue Stone)  
WOODBURY—Snelbaker W. B.

## NEW YORK.

AKRON—\*General Crushed Stone Co.  
(Crushed)  
ALBANY—Ross Adam Cut Stone Co (Cut  
Contractor), 1003 B'way  
ALBION—\*Albion Medina Stone Co.  
\*Orleans County Quarry Co.  
\*Reed Allen & Reed  
\*Ryan M. A.  
Vincent Stone Co.  
AMSTERDAM—Hennessey Wm. E.  
AUBURN—\*Goodrich C. E.  
BIGELOW—\*Williams Chas. & Co. (Lime-  
stone & Flux)  
BINGHAMTON—Ingalls Stone Co. (Cut  
Contractors, Steam Cut Stone  
Works)  
Lander Isaac & Son  
BROOKLYN—(See New York City, Bo-  
rough of Brooklyn)  
BUFFALO—\*Appenheimer Jno. L., 75  
Appenheimer av  
\*Barber Asphalt Paving Co. (Crushed,  
Building & Dimension), E Dela-  
van av & Belt Line  
\*Buffalo Cement Co. (Ltd.) (Cut,  
Crushed, etc), 110 Franklin  
\*Buffalo Crushed Stone Co. (Crushed,  
etc), Ellicott sq  
Carroll Bros. (Limestone), Ellicott sq  
\*Empire Limestone Co., 19 Hudson  
Frontier Stone Co., 1003 Fillmore av  
\*Gehres Anna, 1963 Fillmore av  
\*Kehr A. P. Co. (Cut Stone, etc), ft  
Church  
\*McDonnell & Sons (Cut Stone), 858  
Main  
Maltby Geo. W. & Sons Co. (Cut  
Stone), 21 Maryland  
Reeb M. A., 599 Michigan av  
\*Rupp John J., 2135 Fillmore av  
Star Cut Stone Co., 376 Oak  
CATSKILL—\*Holdridge Geo. W. & Co.  
CHAUMONT—\*Adams & Duford Co.  
(Crushed & Limestone)  
DUNKIRK—Lake City Stone Co.  
ELMIRA—Yenger B. (Cut Contractor)  
GLOVERSVILLE—Hunter & Son (Cut  
Stone)  
GOUVERNEUR—(See Marble Producers)  
HALE EDDY—\*Travis Stone Co. (Blue  
Stone)  
HANCOCK—\*Cotter E. J.  
\*Kirkpatrick Bros.  
\*Randall W. I.  
HANKINS—\*Manny Anthony & Co. (Blue)  
HOLLEY—\*Orleans Sand Stone Co. (Of-  
fice, Syracuse)

HUDSON—Hector P. & Son (Cut Stone)  
HULBERTON—\*Ford A. H.  
\*Squires A. J.  
\*Vincent Stone Co.  
ITHACA—Storms J. B. (Cut Stone)  
JAMESTOWN—\*Jamestown Shale Paving  
Brick Co.  
KINGSTON—Hudson River Blue Stone Co.  
(Blue)  
LE ROY—\*General Crushed Stone Co.  
(Office, South Bethlehem, Pa.)  
\*Helmlich John  
LOCKPORT—Bendinger Louis  
Stainthorpe C. N. & Co. (Building)  
\*Whitmore C. B. Co. (Sandstone)  
LONG EDDY—\*Kenney Bros. (Bluestone)  
\*Peak Cyrus (Bluestone)  
LONG ISLAND CITY—(See New York  
City, Borough of Queens)  
MIDDLETOWN—Wagar David P. (Blue)  
MOUNT KISCO—Gorham D. F.  
MOUNT VERNON—Smith Samuel F.  
(Blue)  
NARROWSBURG—\*Partridge Jere (Blue-  
stone)  
NEW BALTIMORE—\*McCabe Edward  
NEW BRIGHTON—(See New York City,  
Borough of Richmond)  
NEWBURGH—Crawford Wm. (Est. of)  
(Blue & Free Stone)  
Dwyer M. J. (Blue & Flagging)  
Harrison & Curtis (Dimension)  
\*Miller D. C. (Crushed & Building)  
NEW PALTZ—\*Hasbrouck J. J. & Co.  
(Buhr Stones)  
NEW ROCHELLE—Mahlstedt J. A. Lum-  
ber & Coal Co.  
New Rochelle Coal & Lumber Co.  
(Flagging, etc)  
NORWICH—\*Clarke-Conroy Co. (N. R.  
Blue)

## NEW YORK CITY.

## Borough of Brooklyn.

BROOKLYN—Baird A. D. & Sons (Cut  
Contractors), 667 Wythe av  
Bannon P. & Sons (Crushed), 129  
Richards  
Burns John & Son (Blue), 156 7th  
Cohn Cut Stone Co. (Cut Contractors),  
38th & 14th av  
Curran Bros. & Murphy (Cut Con-  
tractors), Douglas & 4th av  
Gold & Taylor Cut Stone Co. (Cut  
Contractors), 312 3d av  
Harnden Jas. H. Co. (Blue), 991  
Grand  
Heinlein John Cut Stone Co. (Cut Con-  
tractor), 555 President  
Hickey M. F. Co. (Crushed), 83 9th  
Kenny Wm. F. & Co. (Blue), 347  
Columbia  
McLaren & Sons (Cut Contractors),  
Court & Bay  
Parker Thos. Co. (Cut Contractor),  
1259 Flushing av  
Pilzer Elias M. (Cut Contractor),  
Watkins  
Rankin & Ross Co. (Cut Contractors),  
372 Carroll  
Ross Wm. S. (Cut Contractor), 254  
Douglass  
Ryan N. Co. (Blue), 491 Smith  
Steinberg Steam Cut Stone Co. (Cut  
Contractors), 596 Rockaway av  
Trudden M. (Blue), 109 Van Sinden  
av

## Boroughs of Manhattan and Bronx.

NEW YORK—American Blue Stone Co.  
(Blue), 1 Madison av  
Annett & McConnell (Stone Yard), 6  
W 141st  
Bellows Chas. H. Cut Stone Co., 503 E  
115th  
Brady Jas. B. Co. (Crushed), 525 E  
118th  
Bronx Cut Stone Co., 2754 Webster av  
Brown Geo. & Co. (Cut), 286 5th av  
Cardo Bros. & Co. (Stone Yard), Cy-  
press av & 132d  
\*Clinton Point Stone Co. (Crushed  
Stone, etc), 17 Battery pl  
Cohen Michael & Co. (Freestone, etc),  
8 W 40th  
Conlon Jas. W. (Blue Stone), Av A  
& 68th  
Dix Chas. H. (Freestone), 52 B'way  
Doyle Geo. & Co. (Indiana Limestone),  
103 Park av  
Erie Blue Stone Association, 341 5th  
av  
Ferguson J. B. & Co. (Cut Stone),  
Ittner pl & Webster av



Finney C. H. & Sons (Stone Contractors), 139 W 53d  
 Flogaus G. M. & Co. (Blue Stone), 2635 3d av  
 Gillings Peter Co. (Blue Stone), 737 E 219th  
 Hanlein Henry & Son (Cut Contractors), 417 E 103d  
 Hutchinson John & Sons (Cut Contractors), 2383 1st av  
 †Indiana Quarries Co. (Blue & Buff, Oolitic, Ind. Limestone), 280 Madison av. Quarries & Mills: Bedford, Ind.  
 Kingwood Quarries Co. ("Kingwood," "Yellow"), 50 Pine  
 La Spina Peter Co. (Cut Stone), 2 Canal pl  
 Lenahan B. J. (Cut Contractors), 293 Rider av  
 Leopold J. & Co. (Crushed Stone, Granite, etc), 233 B'way  
 Lockwood David T. (Blue Stone), 280 B'way  
 Lodge Martin P. (Blue, Contractor), 532 W 44th  
 McCarthy Jas. (Stone Yard), 439 W 47th  
 McLaughlin Jas. Co. (Crushed), 28 W 144th  
 Marine Arlando (Wholesale Dealers in Blue Stone), 5 E 42d  
 Maxwell's Jno. Sons (Blue Stone, Wholesale), 51 Chambers  
 Miller David (Stone Works), 315 E 103d  
 Moran D. W. (Blue Stone), 270 Burnside av  
 Murray Jos. & Co. (Crushed), 263 Ave C  
 Nevins Edw. J. (Blue Stone), 638 W 51st  
 New York Cut Stone Co. (Cut Contractors), Walnut av & 133d  
 Norcross Bros. Co. (Quarrymen & General Contractors in Granite, Marble & Stone; Large Structures a Specialty), 103 Park av  
 O'Connell Michael (Blue Stone Contractor), 523 W 40th  
 Pagano Jerome (Blue Stone), 2642 Park av  
 Penney & Bunt (Stone Yard), 132d & Willow av  
 Queens Borough Blue Stone Co. (Blue), Canal pl & 135th  
 \*Rockland Lake Trap Rock Co., 17 Battery pl  
 Seus Rudolf (Cut Contractor), 406 E 109th  
 Sherwood G. P. & Co. (Wholesale Dealers, All Kinds), 52 Vanderbilt av  
 Smith Jno. R. (Cut Contractor), 421 E 103d  
 Symmers Jno. H. (Crushed & Cut), S Blvd & 141st  
 Tompkins Kiel Marble Co., 505 5th av  
 Underwood C. R. (Blue), 341 5th av  
 Vairo George & Son (Blue Stone), Tiffany & Spafford av  
 Williams B. A. & G. N. (Cut Contractors), Walnut av & 133d  
 Young Jas. H. Stone Co. (Cut Contractors), E 136th & Locust av

#### Borough of Queens.

EVERGREEN—Evergreen Steam Stone Works (Breitenbach & Ruppenstein, Props.)  
 FAR ROCKAWAY—Mills Elmer D. (Cut Contractor)  
 LONG ISLAND CITY—Bradley Wm. & Son (Cut Contractors), 547 Vernon av  
 Brown Geo. & Co. (Cut Stone), Blvd  
 Call Geo. & Co. (Cut Contractors)  
 Gillies Jas. & Sons (Cut Contractors), 14th  
 McWhirter W. H. Co. (Cut Contractors), 82 Woolsey  
 Morrison David G. (Cut Contractor), 373 Vernon av  
 Shuttleworth Edwin Co. (Cut Contractors), Vernon av  
 Williams R. A. & G. N. (Cut Contractors), Mill & Orchard, Astoria

#### Borough of Richmond.

NEW BRIGHTON—Hart P. & Sons, 71 Lafayette av

#### (End of New York City)

OLEAN—Foley Bros. Co. (Cut Stone)  
 ONEONTA—Dauley & Wright (Cut Stone)  
 PEEKSKILL—Peekskill Stone Co.

PHOENICIA—\*McGrath Jno. L. (Blue Stone)  
 PORTAGEVILLE—\*Portageville Bluestone Co.  
 PORT JERVIS—Bennet Jno. E. (Cut Stone)  
 Nearpass E. E.  
 POTSDAM—\*Potsdam Red Sandstone Co. (Sandstone)  
 POUGHKEEPSIE—Joy Walter A.  
 Seamon Thomas H. (Blue Stone)  
 ROCHESTER—Carson Wm. & C. H. (Cut Contractors)  
 Oliver Horace T. (Cut Contractor), 328 South av  
 \*Whitmore, Rauber & Vicinus (Cut Contractors)  
 ROME—Prossner S. & Sons  
 RONDOUT—(See Kingston)  
 ROSCOE—\*Reynolds W. J. (Blue Stone)  
 SAUGERTIES—\*Maxwell's Jno. Sons (Blue) (Office, Phila., Pa.)  
 SCHENECTADY—Crane-Vreeder Co.  
 Kellam & Shaffer Co. (Cut Contractors)  
 SCHOHARIE—\*Mix Stone Co. (Blue & Grey Limestone)  
 SYRACUSE—Arnold Conrad, 1207 Orange  
 \*Orleans Sand Stone Co., 438 S Salina  
 Solvay Process Co. (Limestone)  
 Thomas Chas., 1103 S State  
 TARRYTOWN—Dinkel & Jewell Co. (Blue & Building)  
 TOMKINS COVE—\*Tomkins Cove Stone Co. (Crushed, etc.)  
 TROY—Grant Chas. M. (Freestone)  
 Young Wm. H., Jr. (Cut Stone)  
 Young's Sons & Co. (Cut Stone)  
 UTICA—\*Conley Frank E. Stone Co. (Blue & Crushed)  
 Fuller's Electric Stone Works  
 McNierney Bros. (Flagging & Cut Contractors)  
 VOORHEESVILLE—\*Cummings Bros. (Blue)  
 WALTON—\*Connor Martha L. (Blue Stone)  
 Shaw Herbert (Blue Stone)  
 WARSAW—\*American Blue Stone Co.  
 WATERLOO—\*Thomas G. C. & Bros.  
 YONKERS—Corkery Jno. J. (Blue)  
 Kellock Jas. A. Cut Stone Co.

#### NORTH CAROLINA.

ASHEVILLE—\*Balfour Quarry Co.  
 CHARLOTTE—Ward W. W. & Son (Dealers)  
 GREYSTONE—\*Linehan P. & Sons (Cut Contractors)  
 MOUNT AIRY—(See Granite Producers)  
 SANFORD—\*Carrington & Gonella Stone Co.  
 WINSTON-SALEM—\*Bennett Bros.

#### OHIO.

ADA—Tressel Jas. G.  
 ALLENTOWN—(P. O. Address Elida, O.), Long, T. C.  
 AMHERST—\*Amherst Cut Stone Co.  
 Blum & Dilbridge (Cut Stone Contractors)  
 Ohio Quarries Co. (Buff & Blue Ohio Sandstone, Sawed Stone a Specialty)  
 ASHTABULA—Smith Wm. & Son Co., (Stone, Cut)  
 BEACH CITY—\*Winfield Bros. & Co.  
 BELLEFONTAINE—Paterson Monumental Works (Cut Stone)  
 BELLEVUE—\*Higgins Stone Co.  
 Patterson Monumental Works  
 BEREIA—\*Middleburg Stone Co. Office, Elyria, O.  
 BERLIN HEIGHTS—\*Baillie Stone Co.  
 BLOOMVILLE—\*France Co.  
 BLUFFTON—Bluffton Stone Co. (Office, Lima, O.)  
 BUCYRUS—\*Broken Sword Stone Co.  
 CAMBRIDGE—Pyles Thos. (Flagging)  
 CANTON—Bauhaf Bros. (Cut Stone)  
 Lang E. D. (Cut Stone)  
 CAREY—\*National Lime & Stone Co. (Limestone)  
 CARROLLTON—\*Marshall Jesse  
 CINCINNATI—\*Bauer Jno. G., 1 Quebec rd, nr Price Hill  
 Buckeye Marble Co. (Cut Contractors), 3d & Eggleston av  
 Buente Louis C. (Stone Yard), 3656 Spring Grove av, Cum.  
 Cincinnati Crushed Stone & Gravel Co., Rmgtm.  
 Contractors' Stone & Gravel Co., N & W Ry., Newton

Giese Frank, Viaduct & Big 4  
 Hall Thos. J., 450 E Pearl  
 Hummel David Building Co. (Cut Contractors), 2629 Spring Grove av  
 \*Kentucky-Rockcastle Stone Co., Merchants' bldg  
 \*Kirchner Construction Co., 221 W 9th  
 Lang C. & Son, Vine & Ehrman av, Avon  
 Mersch Frank & Sons, 1037 Wade  
 Miami Stone & Gravel Co., Union Cent. bldg  
 Moores-Coney Co. (Limestone), St. Paul bldg  
 Nagele Anton, 2163 Western av  
 Pielage Henry & Co. (Freestone & Limestone), 1032 Flint  
 Raff Allan Ross & Co., Greenwood bldg.  
 Spinks T. W. Co., 22 W 8th  
 \*Spitzmiller Jos., 2192 Shadwell  
 \*Spitzmiller L., 2197 Clara  
 World's Fair Wrecking Co. (Freestone, etc), Richmond & Horne  
 CLEVELAND—\*Amherst Stone Quarries Co.  
 Baillie Stone Co., The Arcade  
 Blum & Delbridge (Cut Contractors), Bittern av & E 73d  
 Brook John (Cut Contractors), 2169 E 28th  
 \*Burgess C. H., Euclid Quarries  
 \*Caine Stone Co. (Sandstone), Warner rd & C & P Ry  
 Carabelli Jos. Monumental Works (Cut Stone), 12317 Euclid av  
 \*Cleveland Stone Co. (Sandstone, Blue, Buff, etc), Leader News bldg  
 \*Columbia Stone Co. (Sandstone), Soc. for Sav. bldg  
 Dolomite Products Co. (Limestone), 1110 Euclid av  
 \*Euclid Stone & Brick Co., ("Euclid" Steps, Sills, Block, Flagging, etc)  
 \*Grafton Stone Co., Hickox bldg  
 \*Kelley Island Lime & Transport Co. (Limestone)  
 \*Malone Stone Co. (Sandstone, Blue, Buff, etc), Garfield bldg  
 \*Maxwell-Rolf Stone Co., Williamson bldg  
 Ohio Quarries Co. (Ohio Sandstone, Sawed Stone & Specialty), Citizens' bldg. Quarries & Mills: Amherst, O.  
 \*Rackle Geo. & Sons Co.  
 \*Spence Bros. (Crushed Limestone & Trap Rock)  
 Wenner F. L., 1335 W 116th  
 CLOVERDALE—Blosser John S.  
 COLUMBUS—\*Capital Lime Stone Co.  
 \*Casparis Stone Co. (Cut & Crushed), Clinton bldg  
 \*Columbus Macadam Co., 319 Dublin av  
 \*Fish Stone Co. (Cut Contractors), Main West of Canal  
 Kientz John (Cut Stone), 464 W State  
 Lang E. & C. (Cut Contractors)  
 Mueller H. W. (Dealer)  
 CONSTITUTION—Constitution Stone Co. (Sandstone & Grindstones)  
 CONVOY—\*Carey J. B.  
 COVINGTON—\*Jackson Stone Co., Ruhl J. W.  
 DAYTON—\*Dayton Limestone Co. (White Limestone)  
 Hermann Bros. (Cut Stone & Mills)  
 DELAWARE—\*Scioto Lime & Stone Co.  
 DELPHOS—\*Fisher Aaron (Building & Crushed)  
 EIFORT—\*Morgan & Horton (Limestone)  
 ELYRIA—\*Middlebury Stone Co.  
 FINDLAY—\*Hancock Stone Co. (Crushed, etc)  
 Smith A. M. (Cut Stone)  
 \*Tarbox & McCall (Limestone, Crushed, etc)  
 FORT JENNINGS—\*Fort Jennings Stone Co.  
 FREMONT—\*Gotttron Bros. Co. (Limestone)  
 \*Swint Bros. Stone Co.  
 FULTON—\*Fulton Stone Co.  
 GREENFIELD—\*Rucker Quarries (Limestone)  
 HAMILTON—Stewart F. P. Granite Co. (Cut Contractors)  
 HOLLAND—\*France Stone Co.  
 INDEPENDENCE—\*Faudel Henry J.  
 IRONTON—Wileman & Heibling  
 KELLEYS ISLAND—Kelley Island Lime & Transport Co.  
 KENTON—Kenton Marble & Granite Co. (Cut Stone)



LAFAYETTE—\*Watt Bros.  
 LEETONIA—\*Shenango Limestone Co. (Limestone)  
 LEWISBURG—\*Lewisburg Stone Co.  
 LIMA—\*Bluffton Stone Co.  
 \*Interstate Stone Co.  
 \*Lewisburg Stone Co.  
 \*Lima Cut Stone Co.  
 LOWELLVILLE—\*Carbon Limestone Co. (Branch of Youngstown, O.)  
 LYKENS—Harer G. V. & Co.  
 McDERMOTT—\*McDermott Stone Co. (Blue & Buff Sandstone, Sawed or in the Block)  
 \*Waller Bros. Stone Co.  
 MADISONVILLE—Julien Jas. (Cut Contractor)  
 MANSFIELD—Fraser Granite Co. (Dealers)  
 Wolff, E. M. & Co.  
 MAPLE GROVE—\*Holram Stone Co. (See Cleveland)  
 MARBLE CLIFF—\*Casparis Stone Co. (See Columbus, O.)  
 MARIETTA—McLaren & Wommer (Cut Stone)  
 \*Marietta Stone Co.  
 MARION—\*Evans John Stone & Lime Co.  
 \*Hamilton J. M.  
 Hinamon D. M.  
 \*Ohio & Western Lime Co. Office, Huntington, Ind.  
 MASSILLON—\*Massillon Sand & Stone Co. (Sandstone)  
 \*Massillon Stone & Fire Brick Co.  
 Heinhart Jno. & Son (Contractors)  
 Sonnhalter Sand & Stone Co.  
 MIDDLEPOINT—\*Erie Stone Co.  
 NEW PARIS—\*Reinheimer Quarries Co.  
 NEW PHILADELPHIA—Beiter Jos. (Cut Stone)  
 PANDORA—\*Schumacher Stone Co.  
 PATTERSON—\*Herzog Jno. & Son (Building)  
 PIQUA—\*Ohio Marble Co.  
 PORTSMOUTH—\*Bodmer A. W.  
 SANDUSKY—\*Butler Stone Co.  
 SCOTTS CROSSING—\*Ford E. J. Ford J. C.  
 SPRINGFIELD—\*Houlton Samuel P., La-gonda Creek  
 \*Jenkins John W. (Limestone)  
 \*Mills Bros. (Building, Bridge, Flagging, etc)  
 \*Rubsam W. A.  
 STEUBENVILLE—\*La Belle Iron Works (Limestone, all Consumed by the Company)  
 Steubenville Stone Co.  
 SYLVANIA—\*Sylvania Stone Co. (Crushed, etc) (Office, Toledo, O.)  
 TIFFIN—Weott Lime & Stone Co.  
 TOLEDO—Doherty Lime & Stone Co. (Limestone), The Spitzer  
 Eckhardt Monumental Co. (Cut Stone)  
 \*Erie Stone Co.  
 \*France Stone Co.  
 Knopp Bros Co. (Cut Contractors)  
 Libbe Henry (Stone Yard, Flagging, etc.), Champlain, nr. Elm  
 Lloyd Bros. Co., W Central & Auburn avs  
 \*Mehmore Stone Co.  
 Neukom Albert Cut Stone Co. (Cut Contractor), 140 Ottawa  
 Peck C. & Son (Contractors)  
 \*Stony Ridge Stone Co. (Crushed)  
 \*Sylvania Stone Co. (Crushed, etc)  
 \*Toledo Stone & Glass Sand Co., Ohio bldg  
 \*Whitehouse Stone Co.  
 URBANA—Heatherman Patrick (Contractor)  
 VAN WERT—\*Big Four Crushed Stone Co. (Crushed)  
 Erie Stone Co. (Crushed, etc.)  
 \*France Co.  
 WARREN—Trumbull Stone & Sand Co.  
 WASHINGTON, C. H.—Burke P. J. Monumental Works (Cut Stone)  
 WATERVILLE—\*France Stone Co.  
 WHITE HOUSE—\*Whitehouse Stone Co.  
 YOUNGSTOWN—\*Bessemer Limestone Co. (Limestone)  
 Campbell Bros. Co. (Dealers)  
 \*Carbon Limestone Co.  
 \*Hartford Stone Co.  
 \*Interstate Limestone Co.  
 \*Lake Erie Limestone Co.  
 \*Republic Iron & Steel Co. (Limestone, all Consumed by the Company)  
 \*Union Limestone Co.  
 ZANESVILLE—Cary F. S. & Co. (Cut Stone)

## OKLAHOMA.

ARBuckle—\*Dolese Bros. Co. (See Chicago)  
 MUSKOGEE—\*Muskogee Crushed Stone Co.  
 RICHARDS—\*Dolese Bros. Co. (See Chicago, Ill.)

## OREGON.

PORTLAND—St. Helens Quarry Co. (Building Stone, etc) Blake-McFall bldg

## PENNSYLVANIA.

ALLENTOWN—Kline & Sacks (Cut Contractors)  
 Romig & Bear (Cut Stone)  
 Shoemaker G. W. & Co. (Cut Stone)  
 ALTOONA—Bell-Bockel Co.  
 McGinley Cut Stone Co. (Cut Stone)  
 Vipond John S. (Cut & Flagging)  
 ANNVILLE—\*Annville Stone Co.  
 \*Calcite Quarry Co.  
 \*Millard J. B. & Son  
 AVONDALE—\*Williamson Frank & Co.  
 BECHTELSVILLE—Hoffman, Oliver D.  
 BETHAYRES—\*Jarrett F. H.  
 BIRDSBORO—\*Birdsboro Stone Co. (See Phila., Pa.)  
 \*Dyer John T. Quarry Co.  
 \*Schuykill Stone Co. (Building, Bridge, etc)  
 BITTINGER—\*Steady & Wilton Co. (Limestone)  
 BLAIRSVILLE—Murray C. F. & Son  
 BRIDGEPORT—\*Tyson Jacob L.  
 BRISTOL—Bannister Marble & Granite Works (Flag & Building Stone Cutter)  
 BURMONT—\*Maher Philip & Son  
 BUTLER—Hobaugh & Weiner  
 \*Schaffner Geo.  
 CANOE CREEK—\*Blair Limestone Co. (Limestone) (See Pittsburgh, Pa.)  
 CARNEGIE—Carnegie Brick & Stone Co. Fort Pitt Stone & Brick Co.  
 CHESTER—Burns D. H. (Blue)  
 \*Chester Stone Co.  
 \*Hanna Stone Co.  
 \*Leiper Callender I.  
 \*Leiper Mrs. Eliza  
 \*Miller Alexander  
 CONNELLSVILLE—Palmer Bros. (Cut Stone)  
 CONSHOHOCKEN—\*Conshohocken Stone Quarry  
 Daly Michael  
 \*Derr Walter (Ivy Rock)  
 O'Neill Stone Co.  
 DANVILLE—Evans T. L. Sons (Cut Contractors)  
 EARLSTON (P. O. Everett, Pa.)—\*Thropp Joseph E. (All Limestone for Blast Furnace Use)  
 EASTON—General Crushed Stone Co. (Inc.) (Crushed R. R. Ballast, etc.)  
 Howell's D. J. Sons (Cut Stone)  
 Kelly Patrick & Son (Blue)  
 EDGEHILL—\*Comly Frank T.  
 \*Edge Hill Silica Rock Co.  
 ELLWOOD CITY—\*Clydesdale Brick & Stone Co.  
 Consolidated Stone & Mining Co.  
 Ellwood Stone Co.  
 EPHRATA—Bolster Bros. Cut Stone)  
 FRANKSTOWN—American Lime & Stone Co.  
 GREEN LANE—\*Davis Trap Rock Quarry Co.  
 \*Perkiomen Crushed Stone Co. (Crushed, etc)  
 GREENSBURG—Unity Sand & Stone Co.  
 GREENVILLE—\*Greenville Silica Co.  
 GROVE CITY—Robert J. Breckenridge Stone Co.  
 HANOVER—Meyers Emanuel B. (Limestone)  
 HARRISBURG—Black Jno. (Cut Contractor)  
 HAZLETON—\*Kehoe & Co.  
 HOLLIDAYSBURG—\*Baldridge E. R. & Co. (Limestone)  
 HOMESTEAD—Erbeck F. J. (Cut Contractor)  
 JOHNSTOWN—Bader & Huebner  
 \*Cambria Steel Co. (Limestone, all consumed by the Company) Main Office: Philadelphia, Pa.  
 Rowena Stone & Sand Co.  
 Schenkemeyer Chas. & Sons  
 Somerset Stone Co.  
 KING OF PRUSSIA—\*Schweyer Hy. A. Co.

KUTZTOWN—\*Kutztown Lime & Crushed Stone Co. (Crushed)  
 LANCASTER—\*Betz Jacob  
 Haldy Marble & Granite Works  
 Heidig John B.  
 Hook John H.  
 Lancaster Cut Stone Co.  
 Moedinger's Jno. M. Sons  
 Penna. Stone, Cement & Supply Co.  
 LEBANON—\*Hauck A. B.  
 \*Lebanon Stone Co.  
 \*Maillard J. B. & Son  
 \*Mount Gretna Brownstone Co.  
 McKEESPORT—Bowman Bros. Co. (Free-stone)  
 Winters Edwin (Cut & Flagging)  
 McKEES ROCKS—Petty Wm.  
 MERCER—Robinson N. T. (Flagging)  
 MESHOPPEN—\*Ridgway B. & Son (Penns Blue)  
 MORTON—\*Hill W. V.  
 MYERSTOWN—\*Calcite Quarry Co. (Limestone. (See Annville, Pa.)  
 \*Ebling John D.  
 \*Millard J. B. & Son. (See Lebanon, Pa.)  
 NAGINEY—\*National Limestone Co. (Limestone)  
 NEW CASTLE—\*Beaver Valley Sandstone Co.  
 \*Great Northern Sand & Stone Co.  
 \*Isabella Limestone Co.  
 \*Johnson Geo. W. Limestone Co. (Limestone)  
 \*Lawrence Limestone Co.  
 \*Mahoning Limestone Co. (See Pittsburgh, Pa.)  
 \*National Stone Co.  
 \*New Castle Limestone & Clay Co.  
 \*Pittsburg Limestone Co.  
 \*Rose Point Stone & Lime Co.  
 \*Shenango Limestone Co.  
 NICHOLSON—\*Franklin Stone Co.  
 \*Shields Moses Sons (Cut & Sawed)  
 NORRISTOWN—\*Dyer John T. Quarry Co. (Building & Crushed)  
 Landis William G. (Flagging & Cut)  
 \*Lukens & Yerkes  
 Sullivan W. M. (Cut, Contractor)  
 OIL CITY—\*Leshner & Roess (Sandstone)  
 \*Pearson Andrew P. (Sandstone)  
 PALMYRA—\*Dietz W. G. (Limestone)  
 PERKASIE—\*Wamsher Harry G.  
 PHILADELPHIA—\*Ambler-Davis Co. Harrison bldg  
 \*Birdsboro Stone Co. (Road & Concrete, Crushed, etc), Bulletin bldg  
 Buck & Gallagher (Cut Contractors), 25th & Morris  
 Cambria Steel Co. (Limestone, all consumed by the Company) Widener bldg  
 Clark & Co., 4415 Fkd  
 Copeland Hugh & Sons (Cut Contractors), Washington & 24th  
 Costigan Lawrence, Church la & Baynton, Gtn  
 \*Davis Trap Works, Parkway blvd  
 Delaware River Quarry & Const. Co., Com'l Tr. bldg.  
 Dodds Jno. A. (Cut Contractors), 2929 Ellsworth  
 Dolan T. & J., 316 S 24th  
 Dyer John T. Quarry Co., Harrison bldg  
 Eastern Marble & Granite Works, 2700 Diamond  
 France David Co. (Crushed & Building), Tasker st Wharf  
 Garrett Jas. & Co., 1432 S Penn sq  
 General Crushed Stone Co., North American bldg  
 Gray Wm. & Sons Co. (Cut Stone Contractors), 30th, Bel Walnut  
 Hagan John & Co. (Stone Yard), cor Comly ab Del.  
 Harrison R. C. & Co., (Wholesale) 3d & Allegheny  
 Hastings & Morrison (Cut Contractors & c Saw Mills), 1510 Wash'n av  
 Hauser John, 2333 Ridge av  
 Holmesburg Granite Co., Commercial Trust bldg  
 Ireland W. H., 1220 Filbert  
 Kirkpatrick Bros. (Cut Stone Contractors), 1047 S 23d  
 Lambertville Stone Quarry Co., 1218 Filbert  
 Law & Burwell (Cut Contractors), Union & Ogden  
 \*Lukens & Yerkes, St. Girard bldg  
 Maxwell's Jno. Sons (Blue), 30th, below Spruce  
 O'Neil Jerry, F. & Wyoming  
 Peoples Bros. (Building & Crushed), 25th & Callowhill



Reilly Thos. (Cut Contractor), 7th & Sedgley  
 \*Richardson & Ross Quarry Co., Penna bldg  
 \*Ridgway B. & Son (Wyoming, Blue, Rough & Cut Work), N 9th & Columbia av  
 Rutan Jno., 1305 Arch  
 Ryder & Jenkins, 3637 Woodland av  
 Shanley J. F. Co. (Heavy Masonry), Commercial Trust bldg  
 Tyson J. L., 900 Jeff  
**PHOENIXVILLE**—Detwiler Monumental Works (Cut Contractor)  
**PITTSBURGH**—Bachman Adam, 16 S 22d  
 Blair Limestone Co.  
 Booth & Flinn (Ltd.), 1942 Forbes av  
 Brogan Edward (Cut Contractor), 1215 Franklin, N S  
 \*Carnegie Steel Co. (Limestone for Their Own Use), Carnegie bldg. Quarries at Mercer, Pa.  
 §Cleveland Stone Co., 316 4th av  
 \*Clydesdale Stone Co. (Bridge, Rubble, Dimension, etc), Oliver bldg  
 \*Consolidated Stone & Mining Co. (Sand Stone), 307 5th av  
 Coutts Thos. Co. (Cut Contractors), 3324 Smallman  
 Craig Stone Co., Oliver bldg  
 Dallas & Nardulli, 603 Larimer av  
 Damm Jos., 1403 East  
 Downey & McDermott, Homewood av & Mt. Vernon  
 Ellwood Stone Co., House bldg  
 Fritz Geo., 1213 East N S  
 Haffner-Veder Cut Stone Co., 1024 Peralta  
 Happ Louis (Cut Contractor), 1315 Penna av  
 Hartbauer Daniel, 4109 Liberty av  
 Indiana Quarries Co. (Blue & Buff, Oolitic Ind., Limestone), Empire bldg, Quarry & Mills: Oolitic Ind.  
 Knox, Strauss & Bragdon (Cut Contractors), Juniata & Preble  
 Morrison Bros. Co. (Cut Contractors), 459 South  
 \*Republic Iron & Steel Co. (Limestone, all Consumed by the Company), Oliver bldg  
 Ward J. H. & Sons Co., Park & Nelson  
 West End Stone & Brick Co., 121 Wabash  
 Winfield Sand Co. (Limestone), 2d National Bank bldg  
 Wissner Henry, 1715 Wash'n av N S  
 Wolf Louis, Berlin  
**PLYMOUTH MEETING**—Cox Lime & Stone Co. (Limestone)  
**POINT PLEASANT**—\*Heaney Nicholas L.  
**PORT KENNEDY**—\*Erwin Arch. B. (Limestone)  
**POTTSTOWN**—§Nagle Geo. W. (Dimension)  
**QUAKERTOWN**—\*Clark Josiah (Flagging)  
**READING**—Faust John K. & Son  
 Mt. Penn Sand & Stone Work, 316 N 10th  
**RIDGWAY**—\*Ridgway Sand & Stone Co.  
**RIDLEY PARK**—\*Harper Walter  
**ST. MARYS**—Dippold Fred M. (Cut Stone)  
**SCHWENKVILLE**—Koons Frederick S.  
**SCRANTON**—\*Carlucci Nicholas (Cut Contractors)  
 Ruddy M. J. (Cut Contractor)  
 \*Stipp Peter & Sons (Blue & Yellow)  
 Sykes Samuel & Son (Cut Contractors)  
 \*White Haven Quarry Co.  
**SHAMOKIN**—Barr Peter  
**SHARON**—McIntyre Wm. & Sons (Cut Stone Contractors)  
**SOUDERTON**—\*Progressive Realty Co.  
**SOUTH BETHLEHEM**—\*Bethlehem Steel Co. (Limestone, All Consumed by the Company)  
**STEELTON**—§Cumbler Geo. W. (Est. of) (Limestone)  
 Messenger Bros. (Cut Stone)  
 Penna. Steel Co. (See Phila., Pa.)  
**TEMPLETON**—\*Templeton Limestone Co. (Limestone, etc)  
**TYRONE**—§American Lime & Stone Co. (Limestone)  
**WALKERS MILLS**—\*Walkers Mills Stone & Brick Co.  
**WALTONVILLE**—\*Brown Stone Store Co. (Rough, Sawed & Dressed Building Stone & Cut Contractors)  
**WAMPUM**—\*Beaver Valley Sandstone Co. (See New Castle, Pa.)  
 \*Cambrian Limestone Co.

Clydesdale Brick & Stone Co. (See (See Pittsburgh))  
 \*Consolidated Stone & Mining Co. (Pittsburgh)  
 WAYNE—\*Johnson Richard H. Co.  
 \*McClellan Wm.  
**WAYNESBORO**—\*Decarbonated Lime & Stone Co. (Limestone)  
**WEST CHESTER**—Corcoran Construction Co.  
**WEST CONSHOHOCKEN**—\*O'Brien Louis H.  
 \*Phila. & Conshohocken Stone Quarry Co.  
**WEST GROVE**—\*Penna. Marble & Granite Co. (Cut Contractors) (See Phila., Pa.)  
**WILKES-BARRE**—Schmidt's John A. Sons (Laurel River Red)  
 Stemmer & Geick (Cut Stone)  
**WILKINSBURG**—Holmes Bros.  
 Iron City Stone & Const. Co. (Cut Contractors)  
 \*New Kensington Stone Co. (Bridge, Curb & Rubble, etc)  
**WILLIAMSPORT**—Carothers A. K.  
 Gibbons J. E. (Cut Stone)  
 Steumpfle's David Sons  
 Susquehanna Stone Co.  
**YARDLEY**—\*Eastburn Chas. T.  
**YORK**—\*Baker J. E. Co. (Limestone & Lime Mfrs.)  
 York Cut Stone Co. (Cut Contractors)  
 §York Valley Lime Co. (Limestone)

## RHODE ISLAND.

**EAST PROVIDENCE**—\*McCormick Jos. (Foundation, Building & Crushed)  
**NEWPORT**—Riggs Geo. H.  
**PROVIDENCE**—Bishop J. W. & Co. (Cut Limestone Contractors)  
 Goff Jas. C. Co. (Blue), 31 Point  
 Manchester & Hudson Co. (North River Blue), 55 Point  
 Norcross Bros. Co. (Brown & Red, Sand & Cut Contractors), 49 Westminster

## SOUTH CAROLINA.

**COLUMBIA**—Hyatt F. H.

## SOUTH DAKOTA.

**SIOUX FALLS**—Ballard & Son (Cut Stone)  
 Perry Geo. H. (Dealer)

## TENNESSEE.

**CHATTANOOGA**—Chickamauga Quarry & Construction Co.  
 \*Hooker Limestone Co. (Limestone)  
 Trout John & Co. (Cut Contractors)  
**MEMPHIS**—Aitken David R. (Cut Stone)  
 Anderson Axel (Cut Contractors)  
 Christie Cut Stone Co. (Cut Contractors)  
 Jenkins Thos. & Co. (Cut Stone)  
 Kastner Cut Stone Co. (Cut Stone)  
 Morriss Bros. (Cut Contractors & Sawmills)  
**NASHVILLE**—Englebert & Co.  
 Foster & Creighton Co. Quarries:  
 Rockwood, Ala.  
 Hardison W. T. & Co. (Dealers)  
 Nashville Cut Stone Co. (Cut Stone)

## TEXAS.

**AUSTIN**—\*Austin White Lime Co. (Limestone)  
**DALLAS**—Moore & Co. (Dealers)  
**DENISON**—Chamberlain A. P. (Cut Stone)  
**EL PASO**—\*Dudley & Orr  
 Pioneer Marble & Granite Works (Cut Stone)  
 \*So. Western Portland Cement Co.  
**FORT WORTH**—Henderson James G.  
 Hoffman J. R.  
 Hughes David  
 U. S. Engineering & Construction Co.  
 Wells M. J. (Cut Stone)  
**HOUSTON**—Zerbe Marble & Granite Works

## UTAH.

**OGDEN**—Mitchell Bros. (Cut Contractors)  
**SALT LAKE CITY**—Ashton-Whyte Stone Co.  
 Johnson C. O. (Cut Stone)  
 \*Utah Consolidated Stone Co.

## VERMONT.

See Granite Producers, Workers & Dealers also Marble Producers

## VIRGINIA.

**NORFOLK**—Consolvo & Overmeyer  
**PORTSMOUTH**—Ogg A.  
**RICHMOND**—American Stone Co.  
 Gemmel Bros., 902 Catharine  
 Mason Wm. R. (Cut Contractor), 1601 W Marshall  
 Matzke Otto A. (Cut Contractor)  
**ROANOKE**—\*Roanoke Stone & Lime Co.  
**SCHUYLER**—\*Virginia Soapstone Co. (Soapstone)

## WASHINGTON.

**SKYKOMISH**—\*Maloney John  
**SPOKANE**—Sterling Stone Co.  
 Washington Monumental & Cut Stone Co.  
**TACOMA**—Donnellan & McKenzie (Cut Contractors)  
 Walker Cut Stone Co. (Cut Contractors)  
**TENINO**—\*Hercules Sandstone Co.  
 \*Tenino Stone Co. (Sand Stone)

## WEST VIRGINIA.

**BUNKER HILL**—\*Baker J. E. Co. (Limestone & Lime Mfrs.)  
**HINTON**—Noel R. E.  
**KINGWOOD**—\*Kingwood Quarries Co. ("Kingwood," "Yellow")  
**MARTINSBURG**—\*Blair Limestone Co. (Office, Pittsburgh, Pa.)  
 \*Security Cement & Lime Co. (See Baltimore, Md.)  
 \*Standard Lime & Stone Co. (See Baltimore, Md.)  
**MORGANTOWN**—Boyd Caleb B.  
**NEW CUMBERLAND**—\*Kings Creek Quarry Co.  
**ROWLESBURG**—\*Preston Bluestone Co.  
**WHEELING**—Rosenberg J. H. Jr.  
 Valley Star Stone Co.

## WISCONSIN.

**ABLEMAN**—\*Gall Wm.  
**CHIPPEWA FALLS**—Colfax Stone Co.  
**CLINTONVILLE**—Melzer William (Building & Cutter)  
**DE PERE**—\*Wobosel Matthew  
**DUCK CREEK**—\*Brunette M.  
**FOND DU LAC**—\*Standard Lime & Stone Co.  
**GREEN BAY**—\*Greenleaf Stone Co.  
**LA CROSSE**—\*La Crosse Stone Co. (Crushed, Paving, Building, etc)  
**LANNON**—\*Davis Bros. Stone Co.  
 \*Flanagan Jno. J. Jr.  
 \*Harmon & Son  
 \*Lake Shore Stone Co.  
**MANITOWOC**—Kettenhofen N. (Cutter)  
**MARBLEHEAD**—\*Nast Bros. Lime & Stone Co. (Limestone)  
 \*Union Lime Co. (Limestone) (See Milwaukee, Wis.)  
**MILWAUKEE**—Andres Stone & Marble Co. (Cut Contractors), Keefe av & Richards  
 \*Empire Lime & Stone Co. (Limestone)  
 General Construction Co. (Cut Contractors), 3033 Galena  
 \*Froerning Bros. Quarry Co.  
 Kies Wolfgang, 3310 Vlelt  
 \*Lake Shore Stone Co., Ry Exch bldg  
 Lannon Crushed Stone Co., 3019 Wright  
 \*Manegold A. F. & L., 47th & State  
 Manz Joseph, 1609 Clark  
 Mattusch Frank & Co. (Cut Contractors), 3702 Chestnut  
 Meyers Bros. (Cut Contractors), 342 E North av  
 Schmidt P. & Co. (Cut Contractors), 355 E North av  
 Sivyer Steel Casting Co.  
 \*Story Bros. (Limestone), Blue Mound rd  
 Tingley C. Wallace (Cut Contractor), 720 31st  
 Vollbrecht & Olsen, 753 South Canal  
 \*Wauwatosa Stone Co. (Limestone), Loan & Trust bldg.  
 \*Western Lime & Cement Co., Pabst bldg  
 Wilce John  
**OSHKOSH**—§Cook & Brown Lime Co. (Limestone)  
 \*Lutz Robt. (Building & Crushed)



**RACINE**—\*Fox Lime & Stone Co. (Limestone)  
 \*O'Laughlin John Stone Co. (Building, Rubble & Crushed)  
 \*Universal Crushed Stone Co. (Crushed, etc.)  
**SHEBOYGAN**—Scheele Henry Jr. (Cut Contractor)  
 \*Sheboygan Lime Works (Lime Stone)  
**WAUKESHA**—\*Waukeshia Lime & Stone Co.  
**WAUWATOSA**—\*Manegold A. F. & L. Zimmerman John Co.

### 14345— Stone Renovators

Dye Bros., 100½ W 54th, New York  
 Finney C. H. & Sons, 139 W 53d, New York  
 Fordham Stone Renovating Co. (Granite, Marble & Brownstone Renovated & Pointed), 417 E 34th, New York  
 National Stone Renovating Co., 409 W 55th, New York  
 Paris Stone Renovating Co., 5 Great Jones, New York  
 Smith N. & Co., 131 Columbus av, New York  
 Zaput & Bendish, 254 W 65th, New York

### Stone Rubbing Beds

See Rubbing, Beds, Stone, Slate, etc.; also Machinery, Stone Polishing

### 14346—Stone Saw Blades (Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
 Flyria Iron & Steel Co., Cleveland, O.  
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.  
 Sharon Steel Hoop Co., Sharon, Pa.

### 14347— Stone Screenings

A. & C. Stone & Lime Co., Indianapolis, Ind.  
 Arrell Limestone Co., Youngstown, Ohio  
 Bessemer Limestone Co., Youngstown, O.  
 Biesanz Stone Co., Winona, Minn.  
 Kansas City Material Co., Kansas City, Mo.  
 Monarch Mining Co. (Granite), Culver av, Jersey City, N. J.  
 Producers Material Co., 29 S La Salle, Chicago, Ill.  
 Toledo Stone & Glass Sand Co., Toledo, O.  
 Waukeshia Lime & Stone Co., Racine, Wis.  
 West Leeburg Steel Co., Farmers' Bank Bldg, Pittsburgh, Pa.  
 Winfield Sand Co., 2d National Bank bldg, Pittsburgh, Pa.

### 14348—Stone Stair Treads, Platforms & Risers

Euclid Stone & Brick Co., Cleveland, O.

### 14349— Stone Urinal Slabs

Euclid Mfg. Co., Padden City, W. Va.  
 Euclid Stone & Brick Co., (Slabs & Stalls) Cleveland, O.

### 14350— Stoners (Cherry, Peach, Etc.)

Cassady Fairbank Mfg. Co. ("Manchardt's"), 6126 S La Salle, Chicago, Ill.  
 Enterprise Mfg. Co. of Pa. ("Enterprise"), 3rd & Dauphin, Phila., Pa.  
**FOOTE BROS. GEAR & MACHINE CO.**  
 ("Foote" Power Cherry Pitters), 210 N Carpenter, Chicago, Ill.  
*See adv index at end of book*  
 Goodell Co. (Family), Antrim, N. H.  
 Mapes E. B. & Co., South Haven, Mich.  
 New Standard Hardware Works (Cherry), Mt. Joy, Pa.  
 Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.  
 Wrightsville Hardware Co. ("Brighton" Cherry Stoner), Wrightsville, Pa.

### 14351— Stones (Emery)

Amer. Emery Wheel Wks. (Corundum), Providence, R. I.  
 Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.  
 Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.  
 Norton Co. (Alundum & Crystolon), Worcester, Mass.  
 Pike Mfg. Co., Pike, N. H.

Safety Emery Wheel Co., Springfield, O.  
 Superior Corundum Wheel Co., Waltham, Mass.  
 Tanite Co., Stroudsburg, Pa.  
 Vitriified Wheel Co., Westfield, Mass.

### 14352—Stones (Glass Cutters')

Norton Company, Worcester, Mass.  
 Pike Mfg. Co., Pike, N. H.

### 14353—Stones (Lithographing)

Central Commercial Co., 111 N Market, Chicago, Ill.  
 Senefelder Litho Stone Co., 187 Washington, New York

### 14354—Stones (Oil & Water)

American Emery Wheel Works, Providence, R. I.  
 American Hone Co., Olean, N. Y.  
 Bracher Co., Belleville, N. J.  
 Carborundum Co. (Carborundum & Aloxite & Natural), Niagara Falls, N. Y.  
 Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.  
 Dixon Wm. (Jobbers), 39 John, New York  
 Luther Grinder Mfg. Co. ("Dimo Grit"), 285 So. Water, Milwaukee, Wis.  
 Norton Co. ("India"), Worcester, Mass.  
 Oliver Machinery Co. ("Oliver"), Grand Rapids, Mich.  
 Pike Mfg. Co., Pike, N. H.  
 Scranton Whetstone & Abrasive Wheel Co. ("Hindustan"), Scranton, Pa.  
 Star Corundum Wheel Co., 241 Cavalry av, Detroit, Mich.  
 Superior Corundum Wheel Co., Waltham, Mass.  
 Tanite Co., Stroudsburg, Pa.  
 Vitriified Wheel Co., Westfield, Mass.

### 14355— Stones (Pulp)

Lombard & Co. (English New Castle), 236 A, Boston, Mass.

### 14356— Stones (Rubbing)

Eureka Rubbing Stone Co. (For Car & Carriage Painters, etc), 157 W Austin, Chicago, Ill.

### 14357— Stones (Scythe)

Bracher Co., Belleville, N. J.  
 Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.  
 Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.  
 Cleveland Stone Co., Leader News bldg, Cleveland, O.  
 Norton Co. (Alundum & Crystolon), Worcester, Mass.  
 Pelkey W. H., Fair Haven, Vt.  
 Pike Mfg. Co., Pike, N. H.  
 Superior Corundum Wheel Co., Waltham, Mass.

### 14358— Stones (Shelling)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

### 14359— Stones (Tool)

Carborundum Co. (Carborundum & Aloxite), Niagara Falls, N. Y.  
 Chicago Wheel & Mfg. Co., 1101 W Monroe, Chicago, Ill.  
 Cleveland Stone Co., Leader News bldg, Cleveland, O.  
 Ohio Quarries Co., Citizens' bldg, Cleveland O. Quarries & Mills: Amherst, Ohio  
 Pike Mfg. Co., Pike, N. H.

### 14360—Stoneware (Chemical)

Behrend F. (Imported), 54 Front, New York  
 Dorchester Pottery Works, 9 Preston, Boston, Mass.  
 German American Stoneware Works, 50 Church, New York  
 Graham Chas. Chemical Pottery Works, 986 Metropolitan av, Brooklyn, N. Y.  
 Hood B. Mifflin, Candler bldg, Atlanta, Ga.  
 Knight Maurice A., East Akron, O.  
 Remney Richard C. Son Co., Hedley & Delaware River, Phila., Pa.  
 Sittig J. W. (Imported Porcelain Ware of Every Description for All Purposes), 5 Beekman, New York

Uhl Pottery Co. (Jars, Churns, Crocks, Jugs, etc), Evansville, Ind.  
 United States Stoneware Co. (Receivers, Pipes, Pots, Faucets, Tanks, Retorts), Akron, O.  
 Weeks Arthur J., Akron O.

### 14361— Stools (Adjustable)

American Seating Co., 14 E Jackson blvd, Chicago, Ill.  
 Ohio Mfg. Co. (Steel Factory), P. O. Box 358, Painesville, O.  
*See adv index at end of book*  
 Toledo Metal Furniture Co. ("Eureka"), Toledo, O.

### 14362— Stools (Folding)

Cook C. A. Co. ("Utility"), Cambridge, Mass.  
 Sterling Foundry Co. ("Sterling" Step Ladder), Sterling, Ill.

### 14363—Stools (Steel Factory & Office)

Angle Steel Stool Co. (Angle Steel Legs), Otsego, Mich.  
 Arnold S. G. ("Guttman" Adjustable), 2619 W Vanburen, Chicago, Ill.  
 Bayer-Rothgeb Co., Los Angeles, Cal.  
 Bernstein Mfg. Co. (Factory Stools & Chairs), 3d & Westmoreland, Phila., Pa.  
 Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.  
 Celina Specialty Co., Celina, O.  
 Clark W. J. Co., Salem, O.  
 Cleveland Wire Spring Co. (Adjustable), Cleveland, O.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Jenks H. F. Co. (Factory), Pawtucket, R. I.  
 Kalamazoo Steel Goods Co., 412 E Ramson, Kalamazoo, Mich.  
 Lothrop Mfg. Co., 15 W Kinzie, Chicago, Ill.  
 Manufacturing Equipment & Engineering Co., 136 Federal, Boston, Mass.  
 New Britain Machine Co. ("New Britain" Factory Adjustable), 190 Chestnut, New Britain, Conn.  
**OHIO MFG. CO.** (Adjustable Steel Factory), P. O. Box 358, Painesville, O.  
*See adv index at end of book*  
 United Steel & Wire Co., Battle Creek, Mich.

### 14364— Stools (Store)

Andrews A. H. Co. (Metal), 115 S Wabash av, Chicago, Ill.  
 Bryan Novelty Mfg. Co. ("Triumph" Auto, "Ideal" Auto, "20th Century", "Yunck" & "Bryan"), Bryan, Ohio  
 Buffalo Metal Furniture Mfg. Co. ("Neve-wear" Revolving Top, etc.), Buffalo, N. Y.  
 Celina Specialty Co. (Metal), Celina, O.  
 Chicago Hardware Foundry Co. (Revolving), North Chicago, Ill.  
 Cook C. A. Co. ("Utility", Folding Counter), Cambridge, Mass.  
 Ellsworth Mfg. Co. (Metal), Toledo, O.  
 Jenkins Machine Co. (Revolving), Sheboygan, Wis.  
 Toledo Metal Furniture Co. ("Perfection", "Service", "Model" Steel, also Pedestal), Toledo, O.

### 14364a— \*Stools (Wooden)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 14365—Stoppers (Bath & Basin)

*See also Stopples, Rubber*  
 Goodrich B. F. Co. (Rubber), Akron, O.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Mechanical Rubber Co. (Rubber), Cleveland, O.  
 Quaker City Rubber Co. (Rubber), 629 Market, Phila., Pa.  
 Schacht Rubber Mfg. Co. ("Daisy" Rubber), Huntington, Ind.  
 Wolverine Brass Works, Grand Rapids, Mich.



**14366— Stoppers (Bottle)**

See also Corks, Crown

Aetna Bottle & Stopper Co., 54 Peck, Providence, R. I.  
 Bernardin Bottle Cap Co. ("Cyclone"), Evansville, Ind.  
 Carr-Lowrey Glass Co., Westport, Baltimore, Md.  
 Hutter Karl ("Hutter" Porcelain), 241 Lafayette, New York  
 Interstate Bottle Stopper Co., 39th & 2d, Brooklyn, N. Y.  
 Koscherak Stopper Co. (Porcelain), 489 5th av, New York  
 Perfection Bottle Stopper Co. ("Perfection"), 327 S La Salle, Chicago, Ill.  
 Schacht Rubber Mfg. Co. ("Daisy"), Huntington, Ind.  
 Taplin Mfg. Co. ("Victor"), New Britain, Conn.  
 U. S. Bottle Stopper Co., 99 Maiden la, New York  
 Whitall, Tatum Co. (Glass), 410 Race, Phila., Pa.

**Stoppers (Carboy)**

See Stoneware, Chemical

**Stoppers (Flue)**

See Stops, Flue

**14367—Stoppers (Gas Main)**

Behringer Edw. A. Inc. ("Behringer" & "Perfect"), 88 W B'way, New York  
 Safety Gas Main Stopper Co. ("Goodman"), 88 Alefander av, New York

**14368—Stoppers (Milk Bottle)**

Chapin R. E. Mfg. Works, Batavia, N. Y.

**14369—\*Stoppers Nozzles & Sleeves (Graphite)**

**DIXON JOSEPH CRUCIBLE CO.**, Jersey City, N. J. *See adv index at end of book*

**14370— Stoppers (Plumbago)**

Bartley Jonathan Crucible Co., Trenton, N. J.  
 McCullough-Delzell Crucible Co. (For Bessemer & Open Hearth Furnaces), 36th & A. V. R. R., Pittsburgh, Pa.  
 Ross-Tacony Crucible Co. (For Steel Works), Robbins & Milner, Phila., Pa.  
 Stevens Frederick B. ("Stevens"), 3d & Larned, Detroit, Mich.

**14371— Stoppers (Throat)**

Neumeyer & Dimond ("Demag" for Blast Furnaces, Imp.), 82 Beaver, New York

**Stoppers (Wooden For Various Purposes)**

See Plugs, Wood

**14372—Stoppers & Nozzles (Ladle)**

Seidel R. B. (Inc.) (For Open Hearth & Bessemer Ladles), 1332 Callowhill, Phila., Pa.

**14373— Stopples (Rubber)**

Continental Rubber Works, Erie, Pa.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Faultless Rubber Co., Ashland, O.  
 Goodrich B. F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Hodgman Rubber Co., 8 W 40th, New York  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mechanical Rubber Co., Cleveland, O.  
 Mercer Rubber Co., Hamilton Square, N. J.  
 National India Rubber Co., Bristol, R. I.  
 N. Y. Belting & Packing Co., 91 Chambers, New York  
 Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Revere Rubber Co. (Acid Corks, etc), 60 High, Boston, Mass.  
 Rubber Stopples Co., West av, Long Island City, N. Y.  
 Seamless Rubber Co., New Haven, Conn.  
 Tyer Rubber Co., Andover, Mass.

**14374— Stops (Bench)**

Bonney Vise & Tool Works ("Common Sense" & "Lightning"), Allentown, Pa.  
*See adv index at end of book*  
 Buffum Tool Co. ("Swastika" Carpenters'), South Side, Louisiana, Mo.  
 Cincinnati Tool Co. ("Hargrave"), Norwood, Cincinnati, O.  
*See adv index at end of book*  
 Dicke Tool Co., Downers Grove, Ill.  
 Morrill Chas. ("Morrill" & "Apex" Brands), 100 Lafayette, New York  
 Smith Seymour & Son, Oakville, Conn.  
 Stearns E. C. Co., 450 Oneida, Syracuse, N. Y.  
 Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
 Vaughan & Bushnell Mfg. Co. ("V. & B." German Pattern), 2114 Carroll av, Chicago, Ill.

**14375— Stops (Bit)**

Millers Falls Co. (Anti-Friction Ball Bearing), 28 Warren, New York

**Stops (Boom Foot)**

See Eyes, Lacing

**14376—Stops (Crane Limit)**

**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*

**14377—Stops (Curb & Waste)**

Union Water Meter Co., Worcester, Mass.

**14378-9— Stops (Flue)**

Andrews Wire & Iron Works ("Higgins," "Androck," "Edwards"), Rockford, Ill.  
 Central Stamping Co., 172 Fulton, New York  
 Clark J. L. Mfg. Co. ("Glen"), Rockford, Ill.  
 Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Geuder, Paeschke & Frey Co., Milwaukee, Wis. *See adv index at end of book*  
 Haslet, Flanagan & Co., 116 N 2nd Phila., Pa.  
 Holt-Lyon Co. (Self Adjusting), Tarrytown, N. Y.  
 Lalance & Grosjean Mfg. Co. ("Royal"), 299 B'way, New York  
 Lawson F. H. Co., Cincinnati, O.  
 National Enameling & Stamping Co., 411 5th av, New York  
 Peoria Can Co. ("Stay-In"), Peoria, Ill.  
 Phillips & Butterff Mfg. Co. (Safety), Nashville, Tenn.  
 Rau Perfect Flue Stopper Co., Louisville, Ky.  
 Roseland Can & Specialty Co. ("Imperial," "Royal," "Rockford," "Regal"), Rockford, Ill.  
 Schroyer's M. Sons & Co., 917 W 18th, Chicago, Ill.  
 Wagner Mfg. Co., Cedar Falls, Ia.  
 Weber & Kirck Mfg. Co. ("Wagner's"), Keokuk, Iowa

**14380—Stops (Planer, Automatic)**

Lamb Knitting Machine Co. ("Usher"), Chicopee Falls, Mass.

**14381— Stops (Shaft Tug)**

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

**14382—Stops & Wastes (Compression)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.  
 Exeter Brass Works, Exeter, N. H.  
 Haines, Jones & Cadbury Co. ("H. J. & C."), 1136 Ridge av, Philadelphia, Pa.  
 Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.  
 Landers, Frary & Clark, New Britain, Conn.  
**McRAE & ROBERTS CO.**, 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.

Mueller H. Mfg. Co. (Also Ground Key), Decatur, Ill.  
 Peck Bros. & Co. ("Universal"), New Haven, Conn.  
 Stebbins E. Mfg. Co., Springfield, Mass.  
 Walworth Mfg. Co., Boston, Mass.

**14383—Store Front Construction**

Brasco Mfg. Co. (Copper), 145 S Michigan av, Chicago, Ill.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Coulson J. W. & Co., Columbus, O.  
 Crowthers & Rogers Mfg. Co., St. Joseph, Mo.  
 Detroit Show Case Co., 480 Fort W, Detroit, Mich.  
 Hester Mfg. Co. (Copper), 1455 S Michigan av, Chicago, Ill.  
 Kawneer Mfg. Co. ("Kawneer"), Niles, Mich.  
 Love Bros., Aurora, Ill.  
 Mesker Geo. L. & Co. (Copper), Evansville, Ind.  
 Perfection Metal Bar Co. ("Perfection" Metal & Metal Covered Wood), 3321 Lorain av, Cleveland, O.  
 Shultz All Steel Corner Post Co. ("Shultz" Corner Posts & Metal Window Bars), St. Joseph, Mo.  
**STANDARD PLATE GLASS CO.** (Jobbers), 30 Sudbury, Boston, Mass.  
 Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.  
 Thorne Hold Fast Metal Bar Co., Troy, N. Y.  
 Voltz Mfg. Co. ("Universal"), 914 Penn, St. Joseph, Mo.  
 Zouri Drawn Metals Co., Fine Arts bldg, Chicago, Ill.

**14384— Store Fronts (Brass & Bronze)**

Coulson J. W., Columbus, O.  
 Flour City Ornamental Iron Works, 27th & 27th av, Minneapolis, Minn.  
**GORHAM CO. ARCH'L BRONZE**, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*  
 Heath-Johnson Co., 300 W Ontario, Chicago, Ill.  
 Herzog Iron Works, St. Paul, Minn.  
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Thorne Hold-Fast Metal Bar Co., Troy, N. Y.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
 Verdeckberg Iron & Wire Works Co., 1401 Market, Denver, Col.  
 Voltz Mfg. Co., 914 Penn, St. Joseph, Mo.

**Store Fronts (Cast Iron)**

See Firms in Iron, Architectural & Ornamental, marked with (\*) Star

**14385— Store Fronts (Galvanized Iron)**

Berghofer Mitchell Co., Quincy, Ill.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Freund Jacob Roofing Co., Mitchell av & B & O S W Ry, Cincinnati, O.  
 Gara McGinley Co., 23 S 17th, Phila., Pa.  
 International Steel & Iron Co., Evansville, Ind.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Mesker Geo. L. & Co., Evansville, Ind.  
 Messenger & Parks Mfg. Co., Aurora, Ill.  
 Milwaukee Corrugating Co., Milwaukee, Wis.  
 Mullins W. H. Co., 341 Franklin, Salem, Ohio  
**NATIONAL SHEET METAL ROOFING CO.**, 339 Grand, Jersey City, N. J.  
*See adv index at end of book*  
 Newburgh Cornice Works, Newburgh, N. Y.  
 Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.  
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.  
 St. Paul Roofing, Cornice & Ornament Co. (Also Copper), West St. Paul, Minn.



Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
 Siddons John Co., Rochester, N. Y.  
 Souther E. E. Iron Co., Kienlin & Hamburger, St. Louis, Mo.  
 Sullivan-Korber Co., 2437 W 21st pl, Chicago, Ill.  
 Watson Jas. H. Co., Bradley, Ill.

#### 14386—Store Fronts & Show Windows (Glass)

Crane Glass & Mfg. Co., 206 St. Clair av, Cleveland, O.  
 Shane O. W. Glass Co., York, Pa.  
 Standard Plate Glass Co., 30 Sudbury, Boston, Mass.  
 Zouri Drawn Metals Co., Fine Arts bldg, Chicago, Ill.

#### 14387—Store & Bar Fixtures

Adams & Kelly Co., Omaha, Neb.  
 American Fixture Co., 20th & York, San Francisco, Cal.  
 Ammann Mfg. & Const. Co., 163 Av D, New York  
 Bangs C. H. Druggists' Fixture Co. (Drug Store), Boston, Mass.  
 Beardslee-Graham Showcase Co., Seattle, Wash.  
 Brunswick-Balke-Collender Co., 629 S Wabash av, Chicago, Ill.  
 Buffington I. T., Elizabethtown, Pa.  
 Bush Jas. S. (Office & Store), 239 B'way, New York  
 Capital City Furniture Co. (Bank, Store, Bar, Church, etc), 639 Jackson, St. Paul, Minn.  
 Chicago Store & Office Fixture Co., 820 S Clinton, Chicago, Ill.  
 Cleveland Store Fixture Co., Cleveland, O.  
 Combination Door Co. (Store & Office Fixtures), Fond du Lac, Wis.  
 Curtis, Towle & Paine Co., Lincoln, Neb.  
 Curtis & Yale Co. (Wholesale Mfrs. of Bar, Hotel, Bank, Store & Office Fixtures), Wausau, Wis.  
 Dean C. P. Corp., Richmond, Va.  
 Detroit Show Case Co. (Store), 480 Fort W, Detroit, Mich.  
 Detroit Store Fixture Co., Detroit, Mich.  
 Fincke Oscar, 1916 Bryant, San Francisco, Cal.  
 Fischer Bros., 5 E 137th, New York  
 Fisher-Morris Co. (Drug Store), Charles City, Ia.  
 Ganter F. X. Co. cor Sharp & Ostend, Baltimore, Md.  
 Glaser, Rohrer & Co., (Drug Store) 502 E 74th, New York  
 Grand Rapids Show Case Co. (Store), Grand Rapids, Mich.  
 Herdman Sash, Door & Lumber Co., Zanesville, O.  
 Huck Mfg. Co. (Drug, etc), Quincy, Ill.  
 Huss Bros. Mfg. Co., 203 W 3rd, Cincinnati, O.  
 Kleeman Wm. & Co., 479 1st av, New York  
 Kloak Bros. & Co., Pearl & Elm, Cincinnati, O.  
 Koehler & Hinrichs, St. Paul, Minn.  
 Kurtz Bros., Bethlehem, Pa.  
 Loeper Anton & Sons, Ashland, Pa.  
 Lookout Planing Mills, Chattanooga, Tenn.  
 Maclean J. S., Spring & Water, Columbus, Ohio  
 Mansfield R. & Son, Louisville, Ky.  
 Nalle & Co., Austin, Tex.  
 National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.  
 N. Y. Store Fixture Co., 5 E 137th, New York  
 Northey Mfg. Co., Waterloo, Ia.  
 Norwich Nickel & Brass Co., Norwich, Conn.  
 Passow & Sons (Bar), 832 W Madison, Chicago, Ill.  
 Phoenix Furniture Co., Eau Claire, Wis.  
 Quincy Show Case Works (Bank, Office, Drug Store, Jewelry, etc), Quincy, Ill.  
 Reeber's J. Sons Co., 2595 3d av, New York  
 Reinle-Salmon Co., (Drug Store), Warner & Stockholm, Baltimore, Md.  
 Rieser Ely J. & Co. (Drug, Saloon, Cigar, etc), 1st av & 28th, New York  
 Russ Co., 5700 Walworth av, Cleveland, O.  
 Russell A. N. & Sons Co., Ilion, N. Y.  
 St. Louis Bank Equipment Co., 811 Walnut, St. Louis, Mo.  
 Sayre-Newton Lumber Co., 23d & Blake, Denver, Colo.  
 Scott N. S. Co., 440 Adelphi, Brooklyn, N. Y.  
 Segale Mfg. Co., 68 E Spring, Columbus, Ohio

Seger & Gross Co., (Drug Store) 518 W 55th, New York  
 Segelke & Kohlhaus Mfg. Co., La Crosse, Wis.  
 Simmons Wood Working Co., Williamsport, Pa.  
 Sorensen O. J., La Crosse, Wis.  
 Southern Cal. Hardwood & Mfg. Co., Los Angeles, Cal.  
 Springfield Planing Mill, Lumber & Construction Co., Springfield, Mo.  
 Staudte & Reuckoldt Mfg. Co., 112 Souldard, St. Louis, Mo.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
 Stevens Benj. A. Co. (Butchers' & Store Fixtures), Toledo, O.  
 Struck Alfred Co., Louisville, Ky.  
 Sun Mfg. Co. (Store) Columbus, O.  
 Taylor Mfg. Co., Princeton, Ind.  
 Viking Refrigerator & Mfg. Co. (Store), 105 E 7th, Kansas City, Mo.  
 Waddell Co., Greenfield, O.  
 Walker Bin Co. (Grocery, etc), Penn Yan, N. Y.  
 Washburn Williams & Co., Scranton, Pa.  
 Western Cabinet & Fixture Mfg. Co. Kansas City, Mo.  
 Western Planing Mill Co., Wichita, Kans.  
 Whitcomb Cabinet Co., Kansas City, Mo.  
 Williams & Hunting Co., Cedar Rapids, Iowa

#### 14388—Storm Doors & Windows

Adams & Kelly Co., Omaha, Neb.  
 Bardwell-Robinson Co., 24th av N & 2d, Minneapolis, Minn.  
 Carr & Baal Co., Des Moines, Ia.  
 City Sash & Door Co., (Wholesale Mfrs.) 132 E Lake, Minneapolis, Minn.  
 Columbus Iron Works (Wholesale Mfrs), Columbus, Ga.  
 Combination Door Co. (Combination Door & Screen), Fond du Lac, Wis.  
 Curtis & Yale Co. (Wholesale Mfrs), Wausau, Wis.  
 Gordon Vantine Co., Davenport, Ia.  
 Kuhn Sash & Door Co. (Wholesale Mfrs), 204 N E 7th, Minneapolis, Minn.  
 Osgood & Blodgett Mfg. Co., Duluth av & E 11th, St. Paul, Minn.  
 Phenix Mfg. Co. ("Phenix"), Humboldt av c Center, Milwaukee, Wis.  
 Sanders Bros. Mfg. Co., Ottawa, Ill.  
 Williams & Hunting Co., Cedar Rapids, Ia.

#### 14389—Stove Boards

Belding-Hall Co., Belding, Mich.  
 Matthiessen & Hegeler Zinc Co. (Blanks), La Salle, Ill.  
 Merchant & Evans Co., 2035 Washington, Philadelphia, Pa.  
*See adv index at end of book*  
 Porter C. B. Co., 128 N 2d, Phila., Pa.  
 Wabash Screen Door Co., 72 W Adams, Chicago, Ill.

#### 14390-1—Stove Linings

Ashland Fire Brick Co., Ashland, Ky.  
 Atlas Co., Lincoln, N. J.  
 Baltimore Terra Cotta Works, 1300 Covington, Baltimore, Md.  
 Bickford Fire Brick Co., Curwensville, Pa.  
 Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.  
 Colebrook's W. H. Sons ("Crown" Plastic Asbestos), Syracuse, N. Y.  
 Columbia Fire Brick Co., Canton, O.  
 Dighton Stove Lining Co., Dighton, Mass.  
 Fox E. S. & Co., Reading, Pa.  
 Garfield Fire Clay Co., Robinson, Pa.  
 Hall & Sons, Buffalo, N. Y.  
 Louisville Fire Brick Works, Louisville, Ky.  
 McHenry James, 2310 Washington av, Phila., Pa.  
 McLeod & Henry Co., 360 1st, Troy, N. Y.  
 Marcy Stove Repair Co., 74 Beekman, New York.  
 Foundry: Perth Amboy, N. J.  
 Peekskill Fire Brick Works, Peekskill, N. Y.  
 Portsmouth Refractories Co., Portsmouth, Ohio  
 Presbrey Stove Lining Co., Taunton, Mass.  
 Rogers & Co., Royersford, Pa.  
 Rutland Fire Clay Co. ("Rutland," "Champion" Plastic), Rutland, Vt.  
 Standard Stove Lining Co., Taunton, Mass.  
 Thomas Buckwalter & Co., Royersford, Pa.  
 Union Stove Lining Co., Taunton, Mass.  
 Williams Stove Lining Co. (Brick), Taunton, Mass.

#### 14392—Stove Mfrs.

##### ALABAMA.

BIRMINGHAM—Avondale Stove & Fdry. Co.  
 Birmingham Stove & Range Co. ("Delights," "Areoles," "Cracker-jacks")  
 BRIDGEPORT—Jacobs E. P. Mfg. Co.  
 FLORENCE—Thoele-Phillips Mfg. Co.  
 GADSDEN—A. & J. Mfg. Co.  
 MOBILE—Mobile Stove & Pulley Co.  
 SHEFFIELD—King Stove & Range Co. ("King Bee," "Crown")

##### CALIFORNIA.

LOS ANGELES—Dutwiler M. E.  
 SAN DIEGO—Ingle Mfg. Co.  
 SAN FRANCISCO—Graham Jas. Mfg. Co., 531 Mission  
 IIs John G. & Co., 839 Mission  
 San Francisco Stove Works, 260 Townsend  
 Steiger & Kerr Stove & Foundry Co. (Stoves, Ranges, etc), 2201 Folsom

##### COLORADO.

PUEBLO—Pueblo Brass & Iron Foundry ("Regent")

##### CONNECTICUT.

STAMFORD—Stamford Fdry. Co. (Parlor, Store, Factory & Laundry)  
 Stamford Gas Stove Co. (Stoves, Ranges & Furnaces, etc)

##### GEORGIA.

ATLANTA—Atlanta Stove Works  
 ROME—Bowler Stove Co.  
 Hanks Stove & Range Co.  
 Southern Co-Operative Foundry Co.

##### ILLINOIS.

AURORA—Rathbone, Sard & Co. (Stoves, Ranges, Stationary & Portable)  
 BELLEVILLE—Baker Stove Works  
 Belleville Stove & Range Co.  
 Eagle Foundry Co.  
 Orbon Stove & Range Co.  
 Perfect Stove & Mfg. Co.  
 Quality Stove & Range Co.  
 BENTON—Sanitary Stove Mfg. Co. (Gas & Coal Ranges, etc)  
 BLOOMINGTON—Co-Operative Stove Co.  
 CHICAGO—American Stove Co. (Geo. M. Clark & Co. Division), 179 N Michigan av  
 Carmichael-Humphrey Range Co., 176 N. Franklin  
 Chicago Stove & Range Co., 2023 S Clark  
 Cole Mfg. Co. ("Cole's" Hot Blast Stoves & Ranges, "Radiant"), 3218 S Western av  
 Cribben & Sexton Co., 680 N Sacramento blvd  
 Crown Stove Works, 4631 W 13th  
 Detroit Stove Works (of Detroit, Mich.), 2921 S La Salle  
 Home Stove Works, 2622 W 18th  
 Mason, Davis & Co. ("M. & D."), 7740 S Chicago av  
 Peninsular Stove Co., 438 S Canal  
 Stearnes Steel Range Co., 215 N Michigan av  
 Superior Stove Works, 832 W Superior  
 FULTON—Mississippi Valley Stove Works  
 GRANT WORKS—Crown Stove Works.  
 JOLIET—Moore Bros. Co. ("Moore's" Stoves)  
 NEW ATHENS—Auto Stove Works  
 PEORIA—Culter & Proctor Stove Co.  
 QUINCY—Channon-Emery Stove Co.  
 Comstock-Castle Stove Co. ("Economy")  
 Excelsior Stove & Mfg. Co. (Stoves, Ranges, etc, "National")  
 Gem City Stove Mfg. Co. (Ranges, Heaters & Furnaces)  
 Lahan Stove & Mfg. Co.  
 Quincy Fdry. & Novelty Co.  
 Quincy Stove Mfg. Co.  
 Sheridan Stove Mfg. Co.  
 Travilla M. S.  
 White Thos. Stove Co.  
 ROCK ISLAND—Rock Island Stove Co. ("Riverside")  
 ST. CHARLES—Faultless Iron Works (Malleable Iron)



## INDIANA.

EVANSVILLE—Advance Stove Works  
Crescent Stove Wks. (Stoves, Ranges,  
etc)  
Evansville Stove Works (Stoves &  
Hollow Ware)  
Indiana Stove Works  
Southern Stove Works (Stoves &  
Ranges)  
HUNTINGTON—Majestic Co.,  
INDIANAPOLIS—Home Stove Co.  
Indianapolis Stove Co.  
Utility Stove & Range Co. ("Search-  
light")  
KOKOMO—Globe Stove & Range Co.  
(Steel Ranges)  
MARION—Hoosier Stove Co.  
Marion Stove Co.  
NEW ALBANY—Anchor Stove & Range  
Co. (Anchor)  
Gohmann Bros. & Kahler Co.  
SOUTH BEND—Engman-Matthews Range  
Co.  
Malleable Steel Range Mfg. Co.

## IOWA.

CEDAR RAPIDS — Leonard Hi-Oven  
Range Co.  
KEOKUK—American Stove & Range Co.  
OTTUMWA—McCarroll Mfg. Co.

## KANSAS.

LEAVENWORTH—Great Western Stove  
Co.  
WICHITA—Moore Bros.

## KENTUCKY.

AUGUSTA—Augusta Stove Foundry  
CANE VALLEY—Dudgeon Co.  
COVINGTON—Insurance Foundry Co.  
Star Foundry Co.  
LOUISVILLE—Anchor Stove & Range Co.  
Bridgeford & Co.  
Fischer-Leaf Co.  
Graf-Webb Iron Mfg. Co.  
Kentucky Stove Co.  
O. K. Stove & Range Co. (Stoves,  
Ranges, etc)  
Stratton & Terstegge Co., 15th & Main

## MAINE.

BANGOR—Noyes & Nutter Mfg. Co.  
Wood & Bishop Co.  
PORTLAND—Portland Stove Fdry. Co.  
(Stoves, Ranges, etc)  
WATERVILLE—Noyes Stove Co.

## MARYLAND.

BALTIMORE — Bartlett Hayward Co.  
(Brick Set & Portable Ranges,  
Stoves, Furnaces, etc.), Scott &  
McHenry  
Bibb B. C. Stove Co., 109 Light  
Hutchinson Bros., 5 S Howard  
Sexton S. B. Stove & Mfg. Co., 500  
Block W, Conway  
Sheppard Isaac A. & Co. (Furnaces,  
Stoves & Ranges), c Eastern av  
& Chester  
Weiskittel A. & Son Co. ("Fire King,"  
"Golden Rule" & "Patapsco"),  
12th & E Lombard  
PERRYVILLE—Armstrong Stove & Mfg.  
Co.

## MASSACHUSETTS.

BOSTON—Highland Foundry Co., 1341  
Columbus av  
Howes S. M. Co. ("Howes" Ranges),  
42 Union  
Magee Furnace Co., 38 Union  
Smith & Anthony Co. ("Hub"), 52  
Union  
Walker & Pratt Mfg. Co. (Furnaces,  
Ranges & Stoves), 31 Union  
MANSFIELD — Chilson Furnace Co.  
("Chilson," "Boston," "Arling-  
ton")  
NORTH DIGHTON—North Dighton Co-  
operative Stove Co. ("Oakland")  
OTTER RIVER—Lord, Stone & Co.  
PLYMOUTH—Plymouth Fdry. Co.  
SOMERSET—Somerset Stove Foundry Co.

TAUNTON—Dighton Foundry Co. ("Win-  
throp" & "Dighton" Stoves,  
Ranges, etc)  
Leonard & Baker Stove Co.  
Thomas Oscar G.  
Weir Stove Co. ("Glenwood")  
White-Warner Co.  
WATERTOWN—Walker & Pratt Mfg. Co.

## MICHIGAN.

BATTLE CREEK—A. B. Stove Co.  
DETROIT—Art Stove Co. ("Laurel"),  
Russell & Milwaukee  
Detroit Stove Wks. (Cooking & Heat-  
ing for Gas, Wood & Coal), 1320  
Jefferson  
Michigan Stove Co. ("Garland" Stoves,  
Ranges & Furnaces), Adair &  
Jefferson E  
Peninsular Stove Co., 8th & Fort  
DOWAGIAC—Beckwith P. D. (Inc.),  
("Round Oak" Heating Stoves & Fur-  
naces)  
KALAMAZOO—Kalmazoo Stove Co.  
LAPEER—Bostick Stove Co.  
OWOSSO—Independent Stove Co. ("Re-  
nown")

## MINNESOTA.

ST. PAUL—Joesting & Schilling Co., 379  
Sibley  
Wolterstorff Range Co., 66 E 3rd.  
SHAKOPEE—Minnesota Stove Co.  
STILLWATER—Daily L. W.

## MISSOURI.

HANNIBAL—Duffy-Trowbridge Stove Mfg  
Co.  
INDEPENDENCE—Independence Stove &  
Fdry. Co.  
KANSAS CITY—Security Stove & Mfg.  
Co. ("Security") 17th & Oak-  
land av  
ST. LOUIS—American Stove Co., 827  
Chouteau  
Bokern F. T., 217 Market  
Bridge & Beach Mfg. Co., 1st & Val-  
entine  
Buck's Stove & Range Co., 3500 N 2d  
Charter Oak Stove & Range Co., An-  
telope & Conduit  
Copper Clad Malleable Range Co., 520  
N. Commercial  
Green's Car Wheel Mfg. Co. ("Cannon")  
Cast Iron Heating), 3018 N B'way  
Heinz C. Stove Co., 100 N 2d  
Hemp & Co., Vanderverter, nr Shaw  
Majestic Mfg. Co., 2014 Morgan  
Quick Meal Stove Co. (Div. Amer.  
Stove Co.), 2001 S Kingshighway  
Ringin Stove Co., 827 Chouteau av  
Simmons Hardware Co. (Stoves &  
Ranges), 9th & Spruce  
Willard W. G., 316 Chestnut  
Wrought Iron Range Co., 5661 Natural  
Bridge av  
SPRINGFIELD—Woods-Evertz Stove Co.  
VALLEY PARK—Wilson Stove & Mfg.  
Co.

## NEBRASKA.

RALSTON—Howard Stove Works

## NEW HAMPSHIRE.

CONCORD—Ford Foundry Co.  
SALMON FALLS—Somerworth Fdry. Co.

## NEW JERSEY.

DOVER—Richardson & Boynton Co.  
JERSEY CITY—Colby E. B. & Co. ("Col-  
be" Combination Range, for Coal,  
Wood & Gas), Hoboken av  
NEWARK—Thatcher Furnace Co. (Stoves  
& Ranges, Portable & Stationery),  
36 St. Francis  
SOMERVILLE—Somerville Stove Works  
TRENTON—Mott J. L. Iron Works (Coal  
& Gas)

## NEW YORK.

ALBANY—Brohm & Molitor  
Rathbone, Sard & Co. ("Acorn"  
Stoves, etc.)  
BUFFALO—Buffalo Co-Operative Stove  
Co. ("Amherst")  
Jewett & Co. ("Jewett")  
Pohlmann John W. Fdry Co., 205 Baitz  
av

CORNING—Corning Mfg. Co.  
FRIENDSHIP—Drake Hdw. Co.  
GENEVA—Phillips & Clark Stove Co.  
("Andes")  
Summit Foundry Co.  
MANLIUS—Cheney S. & Son  
NEW YORK—Graff Furnace Co. ("Fault-  
less"), 105 E 29th  
Grinberg Bros., ("Prize Plymouth,"  
"Atlantic," "Puritan," "Caboose,"  
"New Prize," "Peerless," "Royal,"  
"New Royal," "Grand Eagle,"  
"Radiant"), 154 South  
Manhattan Stove Co., 109 Beekman  
New York French Range Co., 188  
Chambers  
Southard-Robertson Co., 257 Water  
Thatcher Furnace Co. (Stoves &  
Ranges, Portable & Stationary),  
135 W 35th  
Union Stove Works ("Avon," "Bronx")  
70 Beekman  
PEEKSKILL—Mohegan Stove Co.  
Southard-Robertson Co.  
Union Stove Works (Furnaces, Ranges,  
Heaters, etc)  
PORT CHESTER — Abendroth Bros.  
(Stoves & Ranges)  
PORT JERVIS—Swinton & Co.  
ROCHESTER—Co-Operative Foundry Co.  
("Red Cross Victor")  
Galusha Stove Co. ("Norman")  
Kennedy & Co.  
Sill Stove Co.  
SYRACUSE—Landers W. H. Co.  
TROY—Burdett, Smith & Co. ("Aladdin")  
Fuller & Warren Co. ("Stewart Oak")  
Gold Coin Stove Co.  
UTICA—Giblin & Co. (Stoves Only)

## NORTH CAROLINA.

GREENSBORO—Glascok Stove & Mfg.  
Co. (Cooking & Heating Stoves)

## OHIO.

AKRON—Taplan-Rice-Clerkin Co. (Climax  
Stoves & Ranges)  
ALLIANCE—Fuel Saver Stove Co.  
ATHENS—Athens Stove Co.  
BELLAIRES—Bellaire Stove Co. ("Star")  
BELLEVUE—Conway Stove Co.  
CINCINNATI—Bardes E. H. Range &  
Fdry. Co., 2629 Colerain av  
Fischer Wm. G. Stove & Range Co.,  
320 Plum  
Huenefeld Co. (Also Ranges, "Boss,"  
"Unedea," "Success" & "Selma"),  
Spring Grove & Straight  
Klaine F. A. Co., Front & Central av  
Miller Wm. Range & Fur Co., 7th &  
Broadway  
Monitor Stove & Range Co. ("Monitor")  
Radiator Heating Stoves), C. H.  
& D. Ry. nr Gest  
Van John Range Co., 5th & B'way  
CLEVELAND — Champion Stove Co.  
("Champion" Interchangeable,  
Gas, Coal & Wood), 4001 W 25th  
Cleveland Co-Operative Stove Co.  
("Grand"), 2323 E 67th  
Dangler Stove Co. (Div. Amer. Stove  
Co.), 5017 Perkins av  
New Process Stove Co. (Div. Amer.  
Stove Co.), 4415 Perkins av  
Ohio Foundry Co., E 71st & Stanton  
Reliable Stove Co., 1787 E 40th  
Republic Stove & Mfg. Co.  
Superior Foundry Co. (Laundry), E  
71st & W. & L. E. Ry.  
Tinnerman Stove & Range Co., 2038  
Fulton rd  
COLUMBUS—Emrich C., 371 S High  
Hertenstein M. Co., 1409 S. High  
Lattimer Stove Co. ("L. W." Stoves &  
Ranges)  
Ohio State Stove Co.  
Quad Stove Mfg. Co.  
CRESTLINE—Schill Bros. Co.  
DAYTON—Gem Stove Co.  
Kramer Bros. Fdry. Co.  
DELAWARE—Sun Ray Stove Co.  
ELYRIA—Fox Furnace Co. (Furnaces,  
Ranges & Stoves "Forest City,"  
"Cannon," "Star Oak," "Royal,"  
"Princess," "Czarina," "Radiant")  
FREMONT—Fremont Stove Co.  
Lincoln Stove Co.  
GALLIPOLIS—Thompson Francis Stove  
Co.  
Treasure Stove Co.  
HAMILTON—Estate Stove Co. (Coal,  
Wood & Gas Stoves, Ranges &  
Furnaces)



HILLSBORO—Bell C. S. Co. (Heavy Heating & Caboose "Mogul")  
 IRONTON—Foster Stove Co.  
 MANSFIELD—Baxter Stove Co.  
 Eclipse Stove Co. (Stoves & Ranges)  
 MARIETTA—Nye A. T. & Son Co.  
 MARTINS FERRY—Spence-Baggs Stove Co.  
 MASSILLON—Hess-Snyder Co. (Heating & Cooking, Boomer)  
 NEWARK—Wehrle Co. (Stoves & Ranges)  
 NEW PHILADELPHIA—Sharp Mfg. & Supply Co.  
 PIQUA—Favorite Stove & Range Co.  
 PORTSMOUTH—Ohio Stove Co.  
 Portsmouth Stove & Range Co. ("Model," "Equity")  
 SALEM—Victor Stove Co.  
 TOLEDO—Toledo Stove & Range Co. ("Gem" Stoves & Ranges)  
 ZANESVILLE—Jones Chas. H. Weidig Foundry Co.

## OKLAHOMA.

SAND SPRINGS—Tulsa Stove & Fdry. Co.  
 TULSA—Queen Bee Stove Co.

## PENNSYLVANIA.

BEAVER FALLS—Howard Stove Co.  
 BOYERTOWN—Union Mfg. Co.  
 COLUMBIA—Keeley Stove Co. ("Columbian")  
 DANVILLE—Danville Stove & Mfg. Co. ("Beaver")  
 ERIE—American Beauty Stove Co.  
 Erie Stove & Mfg. Co.  
 Germer Stove Co. ("Radiant")  
 Odin Stove Mfg. Co.  
 GIRARD—Lake Erie Foundry Co. ("Ruby")  
 JOHNSTOWN—Century Stove & Mfg. Co. (Gas)  
 LEHIGHTON—Crescent Stove & Mfg. Co. Lehigh Stove Mfg. Co.  
 MIDDLETOWN—Wincroft Stove Works (Gas & Coal & "Wincroft" Ranges)  
 PHILADELPHIA—Columbia Record Stove Co., 624 S 2d  
 Cox Abraham Stove Co., American cor Dauphin  
 Diller, Caskey & Keen (Stoves, Heaters & Ranges), 6th cor Berks  
 Kappler-Fox Fdry Co., York & Thompson.  
 Liberty Stove Co., 308 Chestnut  
 Phila. Stove & Iron Foundry Co. (Furnaces, Stoves & Ranges), 1631 N 5th  
 Roberts & Mander Stove Co., Washington av & 11th  
 Sabin Frederick & Co., 237 Bread  
 Sheppard Isaac A. Co. ("Paragon," "Excelsior" Furnaces, Stoves & Ranges), Erie & Sepviva  
 Thomas, Roberts, Stevenson Co., American & Dauphin  
 PITTSBURGH—Stove & Range Co. of Pittsburgh (Stoves & Ranges), Preble av, nr Superior bridge  
 PITTSTON—Pittston Stove Co. (Stoves, Ranges, etc., "Pittston," "Happy Thought," "Favorite," "New Enterprise," "Thrill," "Pocono," "Standard," "Magnet," "Cotton Wood," "Oakwood," "Redwood," "Cute")  
 POTTSTOWN—March-Brownback Stove Co. ("Globe" Ranges, etc)  
 POTTSVILLE—Pottsville Fdry. & Stove Co.  
 QUAKERTOWN—Roberts, Winner & Co. (Stoves, Ranges & Furnaces)  
 READING—Mt. Penn Stove Works  
 Prizer-Painter Stove Co. ("Prizer" Stoves, Ranges & Furnaces)  
 Reading Stove Works ("Sunshine" (Stoves, Ranges & Heaters)  
 ROCHESTER—Olive Stove Works  
 ROYERSFORD—Buckwalter Stove Co. (Ranges, "Canopy," "Apollo," etc)  
 Floyd-Wells Co.  
 Grander Stove Co. (Stoves, Portable & Brick Set Ranges, Heaters, etc)  
 SCRANTON—Scranton Stove Works ("Dockdash")  
 SINKING SPRING—Manufacturers Fdry. Co.  
 SPRING CITY—Keystone Stove Foundry (Ranges, Heaters, etc)  
 Penn Stove & Range Co.  
 WARREN—Pennsylvania Furnace & Stove Co.

## RHODE ISLAND.

PROVIDENCE—Barstow Stove Co., 116 Point

## TENNESSEE.

CHATTANOOGA—Mountain City Stove & Mfg. Co. ("Southern Queen")  
 Price-Evans Fdry Co. ("Coal King")  
 Tennessee Stove Works  
 Vesta Gas Range & Mfg. Co. ("Vesta")  
 CLEVELAND—Hardwick Stove Co. ("Sunny South")  
 KNOXVILLE—Fair Foundry Co.  
 Knox City Iron Works ("Pearl")  
 Knox Stove Works  
 MEMPHIS—Wetter H. Mfg. Co. (Stoves, Ranges, etc) Works: S Pittsburgh, Tenn  
 NASHVILLE—Allen Mfg. Co. ("Washington" Stove & Ranges)  
 Jones & Hopkins Mfg. Co. ("Monogram")  
 Phillips & Buttorff Mfg. Co.  
 SOUTH PITTSBURGH—Lodge Mfg. Co.  
 Wetter H. Mfg. Co.

## VIRGINIA.

RICHMOND—Cameron Stove Co.  
 Continental Stove Co.  
 Richmond Stove Co., 2506 E Main  
 Southern Stove Works ("Tip Top")  
 WAYNESBORO—Loth W. J. Stove Co.

## WASHINGTON.

EVERETT—Washington Stove Works  
 SEATTLE—Lang F. S. Mfg. Co.  
 Puget Stove & Range Co.  
 TACOMA—Pioneer Stove & Stamping Co.

## WEST VIRGINIA.

FAIRMONT—Mountain City Stove & Fdry Co.  
 HUNTINGTON—Huntington Stove & Fdry Co.  
 West Va. Foundry & Stove Co.  
 WHEELING—Wheeling Stove & Range Co.

## WISCONSIN.

BEAVER DAM—Malleable Iron Range Co. (Ranges)  
 GRAFTON—Jungers Stove & Range Co.  
 MILWAUKEE—Fuller-Warren Co. (Ranges, Stoves, etc.) 32nd & Wright  
 Lindemann A. J. & Hoverson Co. (Stoves, Ranges, etc.), 1st & Cleveland  
 Milwaukee Stove & Heater Works Co., 100 W Water  
 NEENAH—Bergstrom Stove Co.

## 14393—Stove Pipe &amp; Elbow Mfrs. .

Adjusto Specialty Co., Springfield, Mass.  
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.  
 Cleveland Elbow Mfg. Co., 1615 Merwin, N. W., Cleveland, O.  
 Crunden-Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.  
 Decatur Cornice & Roofing Co., New Decatur, Ala.  
 Diekmann Ferdinand Co., 2423 Harrison av, Cincinnati, O.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Eclipse Metal Mfg. Co., Eden, N. Y.  
 Empire Tin Ware Co., 2 S 5th, B'klyn, N. Y.  
 Excelsior Steel Furnace Co., 517 W Monroe, Chicago, Ill.  
 Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Follansbee Bros. Co. ("Security"), Pittsburgh, Pa.  
 Gelsel A. Mfg. Co. ("Economy," "Rival," "Noxall"), 219 S 2nd, St. Louis, Mo.  
 Glascock Stove & Mfg. Co., Greensboro, N. C.  
 Grinberg Bros., 154 South, New York  
 Hemp & Co. ("Yale," "Duplex," "Can't Slip," "Peerless," "Battle Ax," "Galvano"), Vandeventer, nr Shaw, St. Louis, Mo.  
 Hill Jas. Mfg. Co., 52 Westfield, Providence, R. I.  
 Howes S. M. Co., 42 Union, Boston, Mass.  
 Jackes-Evans Mfg. Co. ("Easylock," "Perfection," "Champion Lock," "Crescent"), Main & Tyler, St. Louis, Mo.  
 Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.

Letts E. M. (Machinists "O-H" One Piece) Waverly, N. Y.  
 Lyon, Conklin & Co., ("Lyon," "Tiger"), 19 Balderston, Baltimore, Md.  
 Mager & Newman Tinware Co., 71 Rutgers st, New York  
 Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.  
 See adv index at end of book  
 Mertz John Mfg. Co., Sandusky, O.  
 See adv index at end of book  
 Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.  
 Mountain City Stove & Mfg. Co., Chattanooga, Tenn.  
 National Enameling & Stamping Co., 411 5th av, New York  
 Newark Steel & Iron Works, 12 Mercer, Newark, N. J.  
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.  
 Niles Iron & Steel Roofing Co., Niles, O.

OHIO CORRUGATING CO.  
WARREN, OHIO

Reeves Mfg. Co., Dover, O.  
 Republic Metalware Co. (The), Buffalo, N. Y.  
 Richmond Stove Co., 2506 E Main, Richmond, Va.  
 St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.  
 Sheet Metal Mfg. Co., Niles, O.  
 Sheet Metal Specialty Co. (Nested), Follansbee, W. Va.  
 Stratton & Terstegge Co. (Pipe), 15th & Main, Louisville, Ky.  
 Wehrle Co., Newark, O.  
 Whitaker-Gleason Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

## 14394—Stove Polish

A. B. Polish Co. ("A. B."), 1515 Haddon av, Chicago, Ill.  
 Bettes A. O. Mfg. Co. ("Ideal"), Kansas City, Mo.  
 Black Cat Polish Co., 34 Washington, Buffalo, N. Y.  
 Black Silk Stove Polish Works ("Black Silk"), Sterling, Ill.  
 Cambria Paint & Color Co. (Ltd.) ("Sherman's Liquid"), Johnstown, Pa.  
 Chase, Roberts & Co. ("Nev.-A.-Burn"), West av, Long Island City, N. Y.  
 Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.  
 Colebrook's W. H. Sons (Black Flag), Syracuse, N. Y.  
 Connors Wm. Paint Mfg. Co. ("American Seal"), Troy, N. Y.  
 Crow Stove Polish Co. (Crown), 2520 Galena, Milwaukee, Wis.  
**D I X O N JOSEPH CRUCIBLE CO.**, ("Dixon's" "Carburet of Iron"), Jersey City, N. J.  
 See adv index at end of book  
 International Metal Polish Co., ("Blue Ribbon") Quill & Belt Ry., Indianapolis, Ind.  
 Jewett & Co. ("Jewett" Lighting), Buffalo, N. Y.  
 Ladd Co. ("Black Beauty"), 35 Warren, New York  
 Martin & Martin ("E-Z"), 3005 Carroll av, Chicago, Ill.  
 Michigan Stove Co. ("Garland," Paste, etc), Detroit, Mich.  
 Nickel Plate Stove Polish Co. ("Black Kid," "Eagle," "Black Jack"), 362 E Illinois, Chicago, Ill.  
 Parlor Pride Mfg. Co. ("Parlor Pride"), N. Andover, Mass.  
 Prescott J. L. Co. ("Enameline"), 92 W B'way, New York  
 Rath Mfg. Co. ("Imperial"), Hedley E of Richmond, Phila., Pa.  
 Rutland Fire Clay Co. ("Rutland"), Rutland, Vt.  
 Satin Gloss Polish Co., Portland, Me.  
 Stinson B. F. & Co. ("Easy Bright"), Buffalo, N. Y.  
 Utility Co. ("Uko"), 636 W 44th, New York  
 United States Graphite Co., Saginaw, Mich.  
 Williams Stove Lining Co. (Liquid & Paste, "Eagle Paste") Taunton, Mass.  
 Wolf John M. Co. ("Black Flag"), 742 Flushing av, Brooklyn, N. Y.



**14395— Stove Trimmings**

Adams Co., Dubuque, Ia.  
 American Tube & Stamping Co. (Nickel-Plated Steel Stove Edge), Bridgeport, Conn.  
 Arcade Mfg. Co. ("Standard Adjustable," "Perfect" Steel, "Balzan" Steel), Freeport, Ill.  
 Fanner Mfg. Co. ("Arctic"), Cleveland, O.  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 Lynd E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.  
 Matthews H. A. Mfg. Co., Seymour, Conn.  
**MATTHEWS MFG. CO.** (Knobs, Hinge, Pins, Urns, etc), 104 Gold, Worcester, Mass. *See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 N. Y. Nickel Plating & Mfg. Co., 327 E 63d, New York  
 Scovill Mfg. Co., Waterbury, Conn. *See adv index at end of book*  
 Stover Mfg. Co. (Handles, Knobs, Hinge Pins, etc), Freeport, Ill.  
 Troy Nickel Works, Albany, N. Y.  
 Wehrle Co., Newark, O.  
 Worcester Pressed Steel Co. (Brass & Steel Knobs, etc), Worcester, Mass.

**14396— Stoves (Acetylene)**

Acetylene Stove Co., 1232 E 3d, Cleveland, O.  
 Colt J. B. Co., 30 E 42d, New York

**14397— Stoves (Air Tight)**

Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Keeley Stove Co., ("Columbian"), Columbia, Pa.  
 Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.  
 Southern Stove Works ("Tip Top"), Richmond, Va.

**14398— Stoves (Alcohol)**

Bing John (Imported), 381 4th av, New York  
 Buffalo Mfg. Co. (Burning Denatured Alcohol), Buffalo, N. Y.  
 Cassidy Fairbank Mfg. Co. ("Rambler," "Herbert" Small Portable), 6126 S La Salle, Chicago, Ill.  
 Dangler Stove Co., 5017 Perkins av, ("Dangler"), Cleveland, O.  
 Durkee C. D. & Co., 2 South, New York  
 Glogau & Co., 180 N Dearborn, Chicago, Ill.  
 Houchin Thos. W. Co. ("Houchin's," "Sunburst"), 38 E 21st, New York  
 Howler Mfg. Co. (Denatured), Cleveland, Ohio  
 Lynd L. E. Mfg. Co., Mechanicsville, N. Y.  
 Manhattan Brass Co., 333 E. 26th, New York  
 Manning-Bowman & Co., Meriden, Conn.  
 Quincy Foundry & Novelty Co. ("Noxall" Denatured), Quincy, Ill.  
 Silver & Co. ("Silver"), 308 Hewes, Brooklyn, N. Y.  
 Sweeney W. H. Mfg. Co. ("Meteor"), 30 Main, Brooklyn, N. Y.

**14399—Stoves (Alcohol Vapor)**

Fargo E. A. Co. (Aluminum), Taunton, Mass.  
 Landers, Frary & Clark ("Universal"), New Britain, Conn.  
 Manning-Bowman & Co., Meriden, Conn.  
 Rochester Stamping Co., Rochester, N. Y.  
 Sternau S. & Co., 160 John, Brooklyn, N. Y.

**14400—Stoves (Bakers' Gas)**

Hoerlein F. G. ("Hoerlein"), 200 Nostrand av, Brooklyn, N. Y.  
 Watkins Jas. Y. & Son, 20 Catherine, New York

**14401— Stoves (Brass Founders' Drying)**

Barnett Oscar Foundry Co. (Round & Square), Irvington, N. J.

**14402— Stoves (Brooder)**

Simplex Brooder Stove Co., Grand Rapids, Mich.

**14403— Stoves (Caboose)**

Bell C. S. Co. (Also Heavy Heating), Hillsboro, O.  
 Buda Co. ("Volcano," "Lewis"), Railway Exchange bldg, Chicago, Ill.  
 Fuller-Warren Co., ("Stewart"), 32nd & Wright, Milwaukee, Wis.  
 Gray & Dudley Hardware Co. ("Nebo"), Nashville, Tenn.  
 Green's Car Wheel Mfg. Co. ("Canon"), 3018 N B'way, St. Louis, Mo.  
 Jewett & Co., Buffalo, N. Y.  
 Richmond Stove Co., 2506 E Main, Richmond, Va.  
 Ross-Meehan Foundry Co., Chattanooga, Tenn.  
**ST. PAUL FOUNDRY CO.**, Como av & Mackubin, St. Paul, Minn. *See adv index at end of book*  
 Sexton S. B. Stove & Mfg. Co., 500 Block W Conway, Baltimore, Md.  
 Southern Stove Works ("Tip Top"), Richmond, Va.  
 Stove & Range Co. of Pittsburgh, Preble av nr Superior Bridge, Pittsburgh, Pa.  
 United Iron Works Co., Springfield, Mo.

**14404— Stoves (Camp)**

American Gas Machine Co., Albert Lea, Minn.  
 Cree D. W., Griggsville, Ill.  
 Crider E. I. & Son, Silex, Me.  
 Dutwiler M. E., Los Angeles, Cal.  
 Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.  
 Kuder Chas V. & Co., 5315 Wentworth av, Chicago, Ill.  
 Quad Stove Mfg. Co. ("Quad"), Columbus, Ohio  
 Richmond Stove Co., 2506 E Main, Richmond, Va.  
 Rippley Mfg. & Steel Boat Co., Grafton, Ill.  
 Southern Stove Works ("Tip Top"), Richmond, Va.  
 Wehrle Co., Newark, O.

**14405-6— Stoves (Car)**

Buda Co. ("Volcano," "Lewis," "Giant," Caboose & Station), Railway Exchange bldg, Chicago, Ill.  
 Germer Stove Co. ("Radiant," Car Furnace), Erie, Pa.  
 Jewett & Co., Buffalo, N. Y.  
 McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.  
 Michigan Stove Co., Detroit, Mich.  
 Murray Iron Works Co., Burlington, Ia.  
 Peninsular Stove Co., Detroit, Mich.

**14407—Stoves (Combination Coal & Gas)**

Floyd-Wells Co. ("Bengal"), Royersford, Pa.  
 Jewett & Co., Buffalo, N. Y.  
 Fuller-Warren Co., 32d & Wright, Milwaukee, Wis.  
 Peeley Stove Co. ("Columbian"), Columbia, Pa.  
 Reading Stove Works (Orr, Painter & Co.) ("Sunshine") Reading, Pa.  
 Spengler-Loomis Mfg. Co., 58 E Washington, Chicago, Ill.

**14408—Stoves (Confectioners')**

Meek Oven Co., Newburyport, Mass.  
 Mount Penn Stove Works, Reading, Pa.  
 Peninsular Stove Co., Detroit, Mich.  
 Watkins Jas. Y. & Son, 20 Catherine, New York

**14409— Stoves (Electric)**

*See also Ranges, Electric*  
 Cadillac Electric Mfg. Co. ("Cadillac" Combination Stove & Toaster, etc), Cadillac, Mich.  
 Caloric Co., Jonesville, Wis.  
 Copeman Electric Stove Co. ("Copeman" Automatic), Flint, Mich.  
 Diamond Electric Co. ("Delco"), Binghamton, N. Y.  
 Hot Point Electric Heating Co., Ontario, Cal.  
 Landers, Frary & Clark, New Britain, Conn.  
 Rutenber Electric Co., Logansport, Ind.  
 Shaler C. A. Co. ("Shaler" Electric), Wau-pun, Wis.  
 Standard Stamping Co., Marysville, O.

**14410—Stoves (Electric Disc)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Rochester Stamping Co., Rochester, N. Y.  
 Shaler C. A. Co., Waupun, Wis.

**14411— Stoves (Franklin)**

**JACKSON EDWIN A. & BRO. (INC.)**, 50 Beekman, New York  
*See adv index at end of book*

**14412— Stoves (Galley)**

Stamford Foundry Co. ("Shipmate"), Stamford, Conn.

**14413— Stoves (Gasoline)**

A. B. Stove Co., Battle Creek, Mich.  
 American Stove Co. ("Quick Meal," "Jewell," "Reliable," "Dangler," "New Process," "National"), St. Louis, Mo.  
 Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.  
 Detroit Foundry Co., ("Sun"), Detroit, Mich.  
 Detroit Vapor Stove Co., Detroit, Mich.  
 Excelsior Stove & Mfg. Co. ("Monarch"), Quincy, Ill.  
 Insurance Foundry Co., Covington, Ky.  
 King Light Co., Peoria, Ill.  
 National Stove Co., Lorain, O.  
 Rutherford J. & Son, Akron, O.  
 Schneider & Trenkamp Co. ("Reliable" Vapor, etc), Cleveland, O.  
 Schroyer's M. Sons & Co. ("Columbian"), 917 W 18th, Chicago, Ill.  
 Toledo Cooker Co. ("Ideal"), Toledo, O.  
 Tures Mfg. Co., 394 6th, Milwaukee, Wis.  
 Wehrle Co. Newark, O.

**14414—Stoves, Heaters & Ranges (Gas)**

A. B. Stove Co. ("New Idea" Ranges), Battle Creek, Mich.  
 Abendroth Bros. ("York" Ranges), Port Chester, N. Y.  
 Adams Bros. Mfg. Co., Fayette & Chartiers, Pittsburgh, Pa.  
 Adler H. Co., Carnegie, Pa.  
 American Beauty Stove Co. ("American Beauty"), Erie, Pa.  
 American Foundry & Machine Co., Hamilton, O.  
 American Range & Foundry Co., Cleveland, O.  
 American Stove Co. ("Quick Comfort" Heaters, "Quick Meal," "Reliable" & "Jewell" "National" & "New Process" Stoves), St. Louis, Mo.  
 Anchor Stove & Range Co. ("Anchor," Ranges & Heaters), New Albany, Ind.  
 Anderson Gas Appliance Co. (Stoves), Anderson, Ind.  
 Art Stove Co., Detroit, Mich.  
 Baker Stove Works, Belleville, Ill.  
 Baltimore Gas Appliance & Mfg. Co. ("Or-lole"), Bayard & Hamburg, Baltimore, Md.  
 Bardes E. H. Range & Foundry Co., Cincinnati, O.  
 Barstow Stove Co., 116 Point, Providence, R. I.  
 Bellaire Stove Co., Bellaire, O.  
 Belleville Stove & Range Co. ("St. Clair" Ranges), Belleville, Ill.  
 Best Stove Co. (Ranges), 39 Atwater E, Detroit, Mich.  
 Block I. & Son, 393 Pearl, New York  
 Bucks Stove & Range Co., 3500 N 2d, St. Louis, Mo.  
 Buffalo Co-Operative Stove Co. ("Amherst" Ranges), Buffalo, N. Y.  
 Central Oil & Gas Stove Co. (No Ranges), Gardner, Mass.  
 Century Mfg. Co. (Gas Stoves), 453 Canal, New York  
 Century Stove & Mfg. Co. ("Century"), Johnstown, Pa.  
 Champion Stove Co., 4001 W 45th, Cleveland, O.  
 Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.  
 Charplot & Mills Mfg. Co., Toledo, O.  
 Clark Geo. M. & Co. ("Jewell"), 179 N Michigan av, Chicago, Ill.  
 Columbia Gas Stove Co., Huntington, W. Va.  
 Co-Operative Foundry Co. ("Red Cross"), Rochester, N. Y.  
 Crane Wm. M. Co. ("Vulcan" Stoves, Heaters & Ranges), 16 W 32d, New York



Culter & Proctor Stove Co. ("Peoria" Heaters, "Lexington" Ranges), Peoria, Ill.  
 Dangler Stove Co. ("Gem"), 5017 Perkins av, Cleveland, O.  
 Danville Stove & Mfg. Co., Danville, Pa.  
 Detroit Heating & Lighting Co. (Stoves & Ranges), Detroit, Mich.  
 Detroit Stove Works (Stoves & Ranges), Detroit, Mich.  
 Detroit Vapor Stove Co., Detroit, Mich.  
 Eclipse Gas Stove Co. ("Eclipse"), Rockford, Ill.  
 Eclipse Stove Co. ("Eclipse" "Premo"), Mansfield, O.  
 Economy Stove Co. ("Economy" Ranges), Cleveland, O.  
 Ephrata Stove Wks., Ephrata, Pa.  
 Eriez Stove & Mfg. Co. ("Hottentot," "Eriez," "Ideal," "Utility" & "Indian Queen" Ranges, also Heaters), Erie, Pa.  
 Estate Stove Co., Hamilton, O.  
 Excelsior Stove & Mfg. Co. ("Monarch" Stoves), Quincy, Ill.  
 Favorite Stove & Range Co. ("Favorite" Ranges), Piqua, O.  
 Florence Co. (Stoves & Heaters), Florence, Mass.  
 Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.  
 Fuller & Warren Co. ("Stewart" Ranges), Troy, N. Y.  
 Galusha Stove Co., Rochester, N. Y.  
 Gem City Stove Co. ("Clermont" & "Perfect"), Dayton, O.  
 Gem City Stove Mfg. Co., Quincy, Ill.  
 Germer Stove Co. ("Radiant Home" Heaters & Ranges), Erie, Pa.  
 Grinberg Bros., 154 South, New York  
 Hale & Kilburn Co. (Steel), 1800 Lehigh av, Phila., Pa.  
 Hammond-Homburger Co. (Niagara), Silver Creek, N. Y.  
 Heath Stove & Heating Co., 207 Park av, Baltimore, Md.  
 Hoerlein F. G. (Bakers' Gas Stoves), 200 Nostrand av, Bklyn., N. Y.  
 Howard Stove Co., Beaver Falls, Pa.  
 Huenefeld Co. ("Boss" Ranges), Cincinnati, O.  
 Independent Register & Mfg. Co., Cleveland, O.  
 Ironton Incandescent Light & Supply Co., Ironton, Ohio  
 Jewett & Co., Buffalo, N. Y.  
 Joplin Stove Co., Joplin, Mo.  
 Kalamazoo Stove Co. ("Kalamazoo" Ranges), Kalamazoo, Mich.  
 Kanneberg Roofing & Ceiling Co. (Garage Heaters), Canton, O.  
 Kaufman A. G. Mfg. Co. ("Radion" Portable Gas Jet, Heater & Cooking Stove), 543 B'way, New York  
 Klaine F. A. Co. ("Good Will" Ranges), Front & Central, Cincinnati, O.  
 Lawson O. P. Co. ("Palace," "Luxury," "Venus," "Flora," "Radium," "Radix," "Fairy" Radical Gas Heaters), Homestead, Pa.  
 Lindeman A. J. & Hoverson Co. (Ranges), Milwaukee, Wis.  
 Lynott Stove & Churn Wks., Louisiana, Mo.  
 Magee Furnace Co., 38 Union, Boston, Mass.  
 Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo.  
 Manhattan Gas Heating Co. ("Manhattan"), 909 7th av, New York  
 Mentels (The), (Stoves), Springfield, O.  
 Michigan Stove Co. ("Garland," also Appliances), Detroit, Mich.  
 Miller Wm. Range & Furnace Co. (Ranges), 7th & B'way, Cincinnati, O.  
 Monitor Stove & Range Co. ("Monitor" Ranges), C. H. & D. Ry. nr Gest, Cincinnati, O.  
 Mott J. L. Iron Works, Trenton, N. J.  
 National Stove Co., Lorain, O.  
 Naylor Bros., Peekskill, N. Y.  
 New Method Stove Co. (For Manufactured or Natural Gas Heating & Cooking), Mansfield, O.  
 New Process Stove Co., 4415 Perkins av, Cleveland, O.  
 Novelty Mfg. Co. (Heaters Only), Jackson, Mich.  
 Noyes & Nutter Mfg. Co., Bangor, Me.  
 Nye A. T. & Son Co., Marietta, O.  
 Odin Stove Mfg. Co. (Cooking "Royal," "Rival," "Modern," "Erie," "Gem," "Viking," "Jolly"), Erie, Pa.  
 Ohio State Stove Co. ("Ossco" Stoves), Columbus, O.  
 Peerless Stove & Range Co. ("Radium," "Peerless"), Columbus, O.

Peninsular Stove Co., Detroit, Mich.  
 Penna Furnace & Stove Co. ("Penna" Stoves Only), Warren, Pa.  
 Pioneer Stove & Stamping Co., Tacoma, Wash.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Portsmouth Stove & Range Co., Portsmouth, O.  
 Progress Furnace Co., Springfield, O.  
 Quad Stove Mfg. Co. ("Quad" Ranges), Columbus, O.  
 Queen Bee Stove Co., Tulsa, Okla.  
 Rector Gas Lamp Co. (Heaters), 1777 B'way, New York  
 Reliable Stove Co., Cleveland, O.  
 Republic Stove Co. ("Republic" Ranges), Cleveland, O.  
 Reznor Mfg. Co. (Gas Stoves), Mercer, Pa.  
 Roberts & Mander Gas Stove Co. ("Quality" Ranges), Wash'n av, c S 11th, Phila., Pa.  
 Royal Stove Co. (Gas Stoves), Spring City, Pa.  
 Rutherford J. & Son, Akron, O.  
 St. Paul Gas Appliance Co., St. Paul, Minn.  
 Sanitary Heating Co. ("Solar Ground"), 233 37th, B'klyn, N. Y.  
 Sanitary Stove Mfg. Co. (Stoves), Benton, Ill.  
 Schneider & Trenkamp Co. ("Reliable" Ranges, Heaters, Stoves & Gas Water Heaters), Cleveland, O.  
 Schuyler W. S. (Stoves), Savannah, Mo.  
 Scranton Stove Works ("Dockash" Ranges), Scranton, Pa.  
 Sexton S. B. Stove & Mfg. Co. (Stoves & Ranges), 500 Block W, Conway, Baltimore, Md.  
 Sheppard Isaac A. Co., ("Imperial Excelsior" Ranges), Erie av & Seville, Phila., Pa.  
 Sheridan Stove Mfg. Co. (Natural Gas), Quincy, Ill.  
 Sill Stove Works ("Sterling" Ranges), Rochester, N. Y.  
 Silver & Co., 304 Hewes, Brooklyn, N. Y.  
 Slattery J. B. & Bros. (Stoves), 108 Lawrence, Brooklyn, N. Y.  
 Smith & Anthony Co. ("Hub" Ranges), 52 Union, Boston, Mass.  
 Somersworth Foundry Co., Salmon Falls, N. H.  
 Southard-Robertson Co. ("Magnetic"), Peekskill, N. Y.  
 Spence-Baggs Stove Co., Martins Ferry, O.  
 Stamford Gas Stove Co., Stamford, Conn.  
 Standard Furnace & Range Co., Louisville, Ky.  
 Standard Range & Stove Co., 32 Union, Boston, Mass.  
 Star Foundry Co., Covington, Ky.  
 Stove & Range Co. of Pgh. (Stoves, Heaters & Ranges), Preble av nr Superior bridge, Pittsburgh, Pa.  
 Strand Heater & Mfg. Co. ("Strand" Gas Heater), 7804 Wade pk, Cleveland, O.  
 Summit Foundry Co. (Ranges), Geneva, N. Y.  
 Summit Stove Wks., Morrison, Ill.  
 Taplin, Rice, Clerkin Co., Akron, O.  
 Taylor & Boggis Foundry Co. (Stoves Only), Cleveland, O.  
 Thomas Oscar G. Co., Taunton, Mass.  
 Thomas, Roberts, Stevenson Co., ("Fortune" Ranges), American & Dauphin, Phila., Pa.  
 Toledo Stove & Range Co., Toledo, O.  
 Trenkamp Stove & Mfg. Co., 9806 Quincy av, Cleveland, O.  
 Union Mfg. Co., Boyertown, Pa.  
 Union Stove Works ("Astor" Radiator), 70 Beekman, New York  
 Van Zandt Gas Appliance Co. (Stoves & Heaters), 4050 Olive, St. Louis, Mo.  
 Vesta Gas Range & Mfg. Co. (Stoves & Ranges), Chattanooga, Tenn.  
 Walker & Pratt Mfg. Co., ("Crawford" Ranges), 31 Union, Boston, Mass.  
 Waterman & Bro. (Gas Stoves), 195 Lewis, New York  
 Wehrle Co. (Ranges & Stoves), Newark, O.  
 Weir Stove Co. ("Glenwood" Ranges), Taunton, Mass.  
**WEISKITTEL A. & SON CO.** ("Fire King" Range), 12th & E Lombard, Baltimore, Md.  
 Wetter H. Mfg. Co., S Pittsburgh, Tenn.  
 White Thos. Stove Co. ("Bacon"), Quincy, Ill.  
 White-Warner Co. ("Household" Ranges), Taunton, Mass.  
 Wilson Stove & Mfg. Co., Easton, Pa.  
 Wincroft Stove Works ("Wincroft" Ranges, Gas & Coal), Middletown, Pa.

Wood S. L., 1249 S Figueroa, Los Angeles, Cal.  
 Wotherspoon J. R., 238 N Front, Phila., Pa.  
 Wybel Stove & Chandelier Co. (Gas Stoves), Akron, O.

### 14415— Stoves (Hot Blast)

American Stove Co., St. Louis, Mo.  
 Amsler Walter O. (For Gas or Air), Wash bldg, Pittsburgh, Pa.  
 Cole Mfg. Co., 3218 S Western av, Chicago, Ill.  
 Comstock-Castle Stove Co., Quincy, Ill.  
 Co-operative Foundry Co., Rochester, N. Y.  
 Foster Stove Co., Ironton, O.  
 Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.  
 Gray & Dudley Hardware Co. ("Washington," "Gray," "Grand," & "Pet Oak"), Nashville, Tenn.  
 Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 McClure G. W. Son & Co. ("McClure"), Bessemer bldg, Pittsburgh, Pa.  
 McKee Arthur G. & Co., Cleveland, O.  
 Meehan Boiler & Construction Co., Lowellville, O.  
 Mohr John & Sons, 349 W Illinois, Chicago, Ill.  
 Peninsular Stove Co., Detroit, Mich.  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
 Portsmouth Stove & Range Co., Portsmouth, O.  
 Quality Stove & Range Co., Belleville, Ill.  
 Richmond Stove Co., 2506 Main, Richmond, Va.  
 Smythe S. R. Co., House bldg, Pittsburgh, Pa.  
 Southern Stove Works ("Tip Top"), Richmond, Va.  
 Traylor Engineering Co. ("Traylor," U-Pipe-for Smelting), Allentown, Pa. & 30 Church, New York

### 14416— Stoves (Laundry)

American Stove Co. ("Quick Meal," "Jewell" & "Reliable" Gas), St. Louis, Mo.  
 Belleville Stove & Range Co., Belleville, Ill.  
 Chicago Dryer Co. (Gas or Coal), 630 S Wabash av, Chicago, Ill.  
 Crane Wm. M. Co. ("Vulcan"), 16 W 32d, New York  
 Detroit Stove Works ("Paragon"), Detroit, Mich.  
 Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.  
 Eclipse Stove Co., Mansfield, O.  
 Excelsior Stove & Mfg. Co. ("National"), Quincy, Ill.  
 Federal Radiator Co., ("Series A," "Chicago," "Stark"), New Castle, Pa.  
 Fischer Wm. G. Stove & Range Co., 328 Plum, Cincinnati, O.  
 Fuller & Warren Co. ("Stewart"), Troy, N. Y.  
 Fuller & Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.  
 Glascock Stove & Mfg. Co. ("Carolina"), Greensboro, N. C.  
 Globe Stove & Range Co., Kokomo, Ind.  
 Gray & Dudley Hardware Co. ("Reg." "Western," "Bob" & "Pet"), Nashville, Tenn.  
 Iis John G. & Co., 839 Mission, San Francisco, Cal.  
 Illinois Malleable Iron Co. ("Imico" Heater), 1801 Diversey blvd, Chicago, Ill.  
*See adv index at end of book*  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Keeley Stove Co. ("Columbian"), Columbia, Pa.  
 Magee Furnace Co., 38 Union, Boston, Mass.  
 Mahony Mfg. Co., Troy, N. Y.  
 Malleable Steel Range Mfg. Co., South Bend, Ind.  
 Michigan Stove Co. ("Garland"), Detroit, Mich.  
 Miller Wm. Range & Furnace Co., 7th & B'way, Cincinnati, O.  
 Peninsular Stove Co., Detroit, Mich.  
 Pierce, Butler & Pierce Mfg. Corp. ("Little Giant"), 437 E 162d, New York  
 Pueblo Brass & Iron Foundry, Pueblo, Col.  
 Richmond Stove Co., 2506 E Main, Richmond, Va.  
 Sexton S. B. Stove & Mfg. Co., 500 Block W, Conway, Baltimore, Md.  
 Southern Stove Works ("Tip Top"), Richmond, Va.



Sperry D. R. & Co. ("Centennial"), Batavia, Ill.  
 Superior Foundry Co., Cleveland, O.  
 Superior Stove Works, 332 W Superior, Chicago, Ill.  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.  
 Union Stove Works, 70 Beekman, New York  
 Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.  
 Wehrle Co., Newark, O.  
 Weiskittel A. & Son Co. ("Fire King" Gas), 12th & E Lombard, Baltimore, Md.

#### 14417— Stoves (Masons')

Drouve G. Co., 40 Tulip, Bridgeport, Conn.  
 Littleford Bros., 444 E Pearl, Cincinnati, O.

#### 14418— Stoves (Mogul)

Bell C. S. Co., Hillsboro, Ohio

#### Stoves (Oil)

See Stoves & Heaters, Oil

#### Stoves (Plasterers')

See Salamanders

#### Stoves (Sand Drying)

See Sand & Gravel Heaters & Dryers

#### Stoves (Toaster, Electric)

See Toasters

#### 14419— Stoves (Wood)

Bibb B. C., Stove Co., 109 Light, Baltimore, Md.  
 Birmingham Stove & Range Co., Birmingham, Ala.  
 Fuller-Warren Co. ("Stewart"), 32nd & Wright, Milwaukee, Wis.  
 Globe Stove & Range Co., Kokomo, Ind.  
 Gray & Dudley Hardware Co. (Heating & Cooking, "Geo. Washington," "Grand," "Reba," "Washington," "Clipper," "Togo"), Nashville, Tenn.  
 Jewett & Co., Buffalo, N. Y.  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Keeley Stove Co. ("Columbian") Columbia, Pa.  
 Knox Stove Works, Knoxville, Tenn.  
 Michigan Stove Co. ("Garland" Coal & Wood), Detroit, Mich.  
 Nye A. T. & Son Co., Marietta, O.  
 Phillips & Buttorff Mfg. Co., Nashville, Tenn.  
 Richmond Stove Co., 2506 E Main, Richmond, Va.  
 Southern Stove Works ("Tip Top"), Richmond, Va.  
 Spence-Baggs Stove Co., Martins Ferry, O.  
 Tenn. Stove Works, Chattanooga, Tenn.  
 Union Stove Works (Coal & Wood), 70 Beekman, New York  
 Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.

#### 14420—Stoves & Heaters (Oil)

American Stove Co. ("Quick Meal," "Reliable," "New Process"), St. Louis, Mo.  
 Barler A. C. Mfg. Co. ("Barler Ideal"), 341 E Ohio, Chicago, Ill.  
 Block I. & Son, 393 Pearl, New York  
 Central Oil & Gas Stove Co. ("Florence," "Central," "Light House"), Gardner, Mass.  
 Cleveland Metal Products Co. (New Brighton), (Cooking or Heating), Ivanhoe rd, & N Y C R R, Cleveland, O.  
 Dangler Stove Co., 5017 Perkins av, Cleveland, O.  
 Detroit Foundry Co. ("Sun"), Detroit, Mich.  
 Excelsior Stove & Mfg. Co. ("Monarch" Stoves), Quincy, Ill.  
 Florence Co. (Stoves), Florence, Mass.  
 Grinberg Bros. ("Eagle"), 154 South, New York  
 Hickerson Mfg. Co., McComb, Ohio  
 Manhattan Brass Co., 333 E 26th, New York  
 Miller Edw. & Co. ("Miller" Kerosene Heaters), Meriden, Conn.

National Enameling & Stamping Co., 411 5th av, New York  
 National Stove Co. (American Stove Co.), Lorain, O.  
 Novelty Mfg. Co. ("Alumino & Electric"), Jackson, Mich.  
 Plume & Atwood Mfg. Co. ("Banner"), Waterbury, Conn.  
 Roberts & Mander Stove Co. ("Quality"), 11th & Wash'n av, Phila., Pa.  
 Silver & Co., 304 Hewes, Brooklyn, N. Y.  
 Taylor & Boggis Fdry Co. ("Summer Girl," "Game," "Magic," "Game Junior" Stoves Only), Cleveland, O.  
 Toledo Cooker Co. ("Ideal"), Toledo, O.  
 Turner Brass Works ("Nowik" Oil Heater), Sycamore, Ill.  
 Waterman Henry & Bro. (Stoves Only), 195 Lewis, New York  
 Weiskittel A. & Son Co. ("Fire King"), 12th & E Lombard, Baltimore, Md.

#### 14421— Straight Edges

Athol Machine Co. (Steel Hardened & Ground), Athol, Mass.  
 Baldwin, Tuthill & Bolton, Grand Rapids, Mich.  
 Brown & Sharpe Mfg. Co. (Cast Iron, Knife Edge, Steel Hardened & Ground), Providence, R. I.  
 Covell Mfg. Co. (Saw), Benton Harbor, Mich.  
 Disston Hy. & Sons, Tacony, Phila., Pa.  
 Goodell-Pratt Co. ("Mass. Tool Co."), Greenfield, Mass.  
 Hub Machine Welding & Contracting Co. (Cast Iron), 22nd & Race, Philadelphia, Pa.  
 Keuffel & Esser Co. (Steel Flexible), Hoboken, N. J.  
 Oldham Joshua & Sons, 112 26th, Brooklyn, N. Y.  
 Pratt & Whitney Co. (Knife Edge), Hartford, Conn.  
 Sawyer Tool Mfg. Co. (Steel Hardened & Ground), Ashburnham, Mass.  
*See adv index at end of book*  
**SIMONDS MFG. CO.**, Fitchburg, Mass.  
*See adv index at end of book*  
**STARRETT L. S. CO.** (Steel, Hardened & Ground), Athol, Mass.  
*See adv index at end of book*  
 Vulcan Tool Mfg. Co., Quincy, Mass.

#### 14422— Straighteners & Cutters (Core Wire)

Lewis Machine Co., 830 Long av, Cleveland, O.  
 Worthington Pump & Machy. Corp., 115 B'way, New York

#### 14423— Strainers (Air)

**WESTINGHOUSE AIR BRAKE CO.**, Pittsburgh, Pa.  
**WESTINGHOUSE TRACTION BRAKE CO.**, Pittsburgh, Pa.

#### 14424— Strainers (Cesspool)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Trenton Brass & Machine Co. (Brass), Trenton, N. J.

#### Strainers (Coffee)

See Strainers, Tea & Coffee

#### 14425—Strainers (Conductor & Eave Trough)

Andrews Wire & Iron Works, Rockford, Ill.  
 Berger Mfg. Co., Canton, O.  
 Bromwell Brush & Wire Goods Co., 612 W 6th, Cincinnati, O.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Hamblin & Russell Mfg. Co. (Galv. Wire), Worcester, Mass.  
 Jelliff C. O. Mfg. Corp., Southport, Conn.  
 Lamb & Ritchie Co., Cambridge, Mass.  
 Merchant & Evans Co., 2035 Washington av, Philadelphia, Pa.  
*See adv index at end of book*  
 Meyers F. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 Milwaukee Corrugating Co., Milwaukee, Wis.  
 Morgan Spring Co., Worcester, Mass.  
 National Mfg. Co. ("Natwire" Wire), Worcester, Mass.

Parker Wire Goods Co., Worcester, Mass.  
 Racine Iron & Wire Wks., Racine, Wis.  
 Reeves Mfg. Co., Dover, O.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
 Souther E. E. Iron Co., Klenlin & Hamburger, St. Louis, Mo.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*  
 Young Mfg. Co., Bellevue, Ia.

#### 14426— Strainers (Cup)

Hauptman A., 23 Leonard, New York

#### 14427— Strainers (Floor)

Columbus Brass Co., 538 Dublin av, Columbus, O.  
*See adv index at end of book*  
 National Brass Mfg. Co., Rochester, N. Y.

#### 14428-9—Strainers (Fruit)

Tate Mfg. Co. ("Just-the-thing"), Strainer & Jelly Bag Combined), 48 Hanover, Boston, Mass.

#### 14429a— Strainers (Gasoline)

Bousman Mfg. Co. ("G. R. Autofilter"), Grand Rapids, Mich.  
 Breeze Carburetor Co. ("Breeze"), 250 South, Newark, N. J.  
 Carter Carburetor Co. ("Carter"), 2840 N Spring, St. Louis, Mo.  
 Denver Auto Goods Co., Denver, Colo.  
 Generator Valve Co., 47 Dinsmore pl., Brooklyn, N. Y.  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker"), Springfield, Mass.  
*See adv index at end of book*  
 Gleason-Peters Air Pump Co., 384 Classon av, Brooklyn, N. Y.  
 Halladay L. P. Co., Streator, Ill.  
 Hancock Mfg. Co. ("Hancock"), Charlotte, Mich.  
 Imperial Brass Mfg. Co. ("Imperial"), 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
 Jelliff C. O. Mfg. Corp. (20 Specifications), Southport, Conn.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Lindley W. H. Co. (Lindley), Canastota, N. Y.  
**LUNKENHEIMER CO.** ("Trusty"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 Marvel Carburetor Co. ("Marvel"), Flint, Mich.  
 Sexton Can Co. ("Sexton"), 228 Franklin, Boston, Mass.  
 U. S. Indestructible Gasket Co., Church & Fulton, New York  
*See adv index at end of book*  
 Wheeler-Schebler Carburetor Co. ("Schebler"), Indianapolis, Ind.  
 Williams D. T. Valve Co. ("Williams"), Cincinnati, O.  
 Zerk Mfg. Co., Cleveland, O.

#### Strainers (Gutter)

See Strainers, Conductor & Eave Trough

#### 14430— Strainers (Hose)

American Injector Co., Detroit, Mich.  
 Edna Brass Mfg. Co., Cincinnati, O.  
 Elkhart Brass Mfg. Co. (Brass Suction for Fire Dept.), Elkhart, Ind.  
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.  
 Hancock Inspirator Co., 119 W 40th, New York  
 Penberty Injector Co., 346 Holden av, Detroit, Mich.

#### 14431— Strainers (Injector)

Elkhart Brass Mfg. Co. (Also Ejector), Elkhart, Ind.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Ohio Injector Co., Wadsworth, O.

#### 14432—Strainers (Irrigating)

Butler Co., Butler, Ind.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*



**14433— Strainers (Locomotive Water)**

Handlan-Buck Mfg. Co. ("Hayes"), 210-14 N 3d, St. Louis, Mo.

**14434— Strainers (Milk)**

Central Stamping Co., 172 Fulton, New York  
Lawrence Stamping Co., Toledo, O.  
National Enameling & Stamping Co., 411 5th av, New York  
Sanitary Strainer Co., ("Fribery") Malden Rock, Wis.

**14435— Strainers (Oil Well)**

Houston Iron Works, Houston, Tex.  
Layne & Bowler Co., Houston, Tex.  
McEvoy J. H. & Co., Houston, Tex.  
National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
Stancliff Well Screen & Mfg. Co., Houston, Tex.

**14436— Strainers (Paint)**

Kraft, A. C., 323 W Lake, Chicago, Ill.

**14437— Strainers (Pipe)**

Advance Mfg. Co., Erie, Pa.  
Central Foundry Co., 90 West, New York  
Morse A. J. & Son, 221 High, Boston, Mass.  
National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
Pancoast Henry B. Co. ("Extra Leaky"), 243 S 3d, Phila., Pa.  
Progressive Iron Foundry & Machine Co., ("Purity") Haydenville, Mass.

**14438— Strainers (Pressure)**

Lagonda Mfg. Co., Springfield, O.  
Progressive Iron Foundry & Machine Co., ("Purity") Haydenville, Mass.

**14439— Strainers (Sink)**

ALBERT G. G. & CO., Bangor, Pa.  
American Brass & Copper Co., 138 Lafayette, New York  
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
American Pin Co. ("Ampinco"), Waterbury, Conn.  
Andrews Wire & Iron Works ("Vrooman's" "Aunt Dinah's"), Rockford, Ill.  
Barber Mfg. Co. (Painted), Ashtabula, O.  
Blairsville Sanitary Co., Blairsville, Pa.  
Cassady Fairbank Mfg. Co. ("Duffys"), 6126 S La Salle, Chicago, Ill.  
Central Stamping Co. ("Perfect"), 172 Fulton, New York  
Columbian Enameling & Stamping Co. (Enameled), Terre Haute, Ind.  
Fries & Co., 91 Main, Buffalo, N. Y.  
Frost Mfg. Co. (Basin & Sink), Kenosha, Wis.  
Gray Iron Foundry Co. (Cast Iron), Reading, Pa.

**GEUDER, PAESCHKE & FREY CO.** ("Cream City"), Milwaukee, Wis.  
*See adv index at end of book*

Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.  
Minerva Mfg. Co., Minerva, O.  
Modern Iron Works, Quincy, Ill.  
Morgan Spring Co. ("Boston"), Worcester, Mass.  
National Enameling & Stamping Co. (Steel etc), 411 5th av, New York  
National Mfg. Co. ("Natwire" Wire), Worcester, Mass.  
Parker Wire Goods Co. (Wire), Worcester, Mass.  
Prestel Co., Grafton, O.  
Republic Metalware Co. (The) ("Protex" Dripless), Buffalo, N. Y.  
Roseland Can & Specialty Co. ("Century," "New Diamond"), Rockford, Ill.  
Silver & Co. ("Brooklyn"), 308 Hewes, Brooklyn, N. Y.  
Trenton Brass & Machine Co. (Basin & Sink), Trenton, N. J.  
Wire Goods Co., Worcester, Mass.  
Wire Hardware Co., 6126 S La Salle, Chicago, Ill.

**14440— Strainers (Suction)**

Elliott Co. (Single, Twin, Triple, Multiple & Intake), Pittsburgh, Pa.

Lagonda Mfg. Co. ("Lagonda" Multiple Water Strainer), Springfield, O.  
Monash-Younger Co., 1407 W Jackson blvd, Chicago, Ill.  
Rosedale Foundry & Machine Co. ("Holt" Automatic for Water of Pressure), Washington & Preble, Pittsburgh, Pa.  
Schutte & Koerting Co. ("Schutte-Koerting"), 1251 N 12th, Phila., Pa.

**14441—Strainers (Sugar Juice)**

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

**14442—Strainers (Tea & Coffee)**

Buckeye Aluminum Co., Wooster O.  
Cassady Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
Fargo E. A. Co. (Aluminum), Taunton, Mass.  
Hamblin & Russell Mfg. Co. ("Never Tip" Wire, "No Wobble" Spout, "Hub" Never Drip, etc), Worcester, Mass.  
Houchin Thos. W. Co., 38 E 21st, New York  
Jewett Stamping & Enamelling Co. ("Jewett" White Enameled), Jewett, O.  
Morgan Spring Co., Worcester, Mass.  
Parker Wire Goods Co., Worcester, Mass.  
Peoria Can Co., Peoria, Ill.  
Standard Aluminum Co. (Aluminum), Two Rivers, Wis.  
Utility Mfg. Co., 427 Oliver, Baltimore, Md.  
Woods-Sherwood Co., Worcester, Mass.

**14443—Strainers (Tubular Well)**

Cook August D. ("Cook's" Brass), Lawrenceburg, Ind.  
Mark Mfg. Co., Evanston, Ill.  
National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
Smith C. G. Artesian Well Co. (Brass & Galvanized Iron), 132 High, Boston, Mass.

**14444— Strainers (Urinal)**

Acheson Mfg. Co., Rankin, Pa.  
ALBERT G. G. & CO., Bangor, Pa.  
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Fries & Co., 91 Main, Buffalo, N. Y.  
Hach Richard G. ("Hach"), 159 E 26th, New York  
Haines, Jones & Cadbury Co., 1136 Ridge, av, Phila., Pa.  
Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.  
Milwaukee Brass Mfg. Co. ("Bee Hive"), 251 Laplan, Milwaukee, Wis.  
Mott J. L. Iron Works, 118 5th av, New York  
Perkes Chas. (Est. of), 627 Arch, Phila., Pa.  
Trenton Brass & Machine Co. (Bee Hive), Trenton, N. J.

**14445—Strainers & Separators Gasoline)**

Breeze Carbureter Co. ("Breeze"), 250 South Newark, N. J.  
Hatcher Auto Parts Co., Cleveland, O.  
Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
Winkley Co. ("Eureka"), Detroit, Mich.

**14446—Strand (Stone Sawing)**

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

**14447— Strapping (Mill)**

Edmands Arthur B. Co., 180 Main, Pawtucket, R. I.  
Graton & Knight Mfg. Co., Worcester, Mass.

**14448— Straps (Anchor)**

Clark A. J. Co., Salem, O.  
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
Londelius C. A. & Sons Co. (Pin), 847 W 63d, Chicago, Ill.  
O'Leary Arthur J. & Son Co., 65th & S 57th av, Chicago, Ill.

**14449— Straps (Automobile)**

Backstay Machine & Leather Co., Union City, Ind.  
Badger Handle Co., 323 E Water, Milwaukee, Wis.  
Brace Leather Goods Co., Pontiac, Mich.  
Curry J. W. Co. (Top & Wire), 2615 Cummins, Cincinnati, O.  
Graton & Knight Mfg. Co., Worcester, Mass.  
New York Leather Belting Co., 51 Beekman, New York

**14450—Straps (Baggage Check)**

American Railway Supply Co., 134 Charles, New York  
Buchheimer Geo. H., 1004 Rutland av, Baltimore, Md.  
Graton & Knight Mfg. Co., Worcester, Mass.

**14451—Straps (Beam Electric)**

Steel City Electric Co., ("Fullman") 1207 Columbus av, Pittsburgh, Pa.

**14452-3— Straps (Bill)**

Detroit Coin Wrapper Co., Detroit, Mich.  
Eisler Anthony & Co., 227 Canal, New York

**Straps (Crate)**

*See Box Straps*

**14454— Straps (Deckle)**

Boston Belting Co. ("Imperial," "Excelsior," For Fourdrinier Paper Machines), 84 Linden Park st, Boston, Mass.  
Goodrich B. F. Co., Akron, O.  
New York Belting & Packing Co., 91 Chambers, N. Y.  
Republic Rubber Co., Youngstown, O.  
Revere Rubber Co., 60 High, Boston, Mass.

**14455— Straps (Flush & Supply Pipe)**

American Brass & Copper Co., 138 Lafayette, New York

**14456— Straps (Glazing)**

Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.

**14457— Straps (Hame)**

Williams I. B. & Sons, Dover, N. H.

**14458— Straps (Hammer)**

Harvey Spring & Forging Co., Racine, Wis.

**14459— Straps (Hose)**

American Brass & Copper Co., 138 Lafayette, New York  
American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Glauber Brass Mfg. Co., Superior av N E & 49th, Cleveland, O.  
Glauber M. & Co., 103 Varick, New York  
Haydenville Co., Haydenville, Mass.  
Park & McKay, 55 Bagley av, Detroit, Mich.  
Powell Wm. Co., Cincinnati, O.  
Walworth Mfg. Co., Boston, Mass.

**14460— Straps (Pipe)**

American Brass & Copper Co., 138 Lafayette, New York  
American Pin Co. ("Ampinco" Brass), Waterbury, Conn.  
Appleton Electric Co., 218 N Jefferson, Chicago, Ill.  
Berger Bros. Co., 229 Arch, Philadelphia, Pa.  
Berger Specialty Mfg. Co., ("Berger" Steel Soil Pipe), 16 N 20th, Richmond, Va.  
Blake Specialty Co. (Wrought Iron, Perforated), Rock Island, Ill.  
Cann & Saul, 516 Commerce, Phila., Pa.  
Combination Rubber Mfg. Co., Bloomfield, N. J.  
Devlin Thos. Mfg. Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.  
Eagle Glass & Mfg. Co. (Tinned), Wellsburg, W. Va.



Fee & Mason, 81 Beekman, New York  
 General Fire Extinguishers Co. (Tinned),  
 Providence, R. I.  
 Good Mfg. Co., 305 E 134th, New York  
 Grabler Mfg. Co., Cleveland, O.  
 Hubbard & Co., 63rd & Butler, Pittsburgh,  
 Pa.  
 Illinois Malleable Iron Co., 1801 Diversey  
 blvd, Chicago, Ill.  
*See adv index at end of book*  
 Jarecki Mfg. Co., Erie, Pa.  
 Jersey City Galvanizing Co., 112 John,  
 New York  
 Lalance & Grosjean Mfg. Co. (Wrought  
 Steel, "L. & G."), 299 B'way, New  
 York  
 Malleable Iron Fittings Co. ("M. I. F.  
 Co."), Branford, Conn.  
 Merwin Mfg. Co. (Galvanized Steel), Erie,  
 Pa.  
 National Tube Co., Frick bldg, Pittsburgh,  
 Pa. *See adv index at end of book*  
 Northwestern Stamping Co., Burlington,  
 Ia.  
 Peck Hardware Mfg. Co., (Galvanized Gas  
 Pipe), Berlin, Wis.  
 Perkes Chas. (Est. of), 627 Arch, Phila.,  
 Pa.  
 Robinson Mfg. Co., Cleveland, O.  
 Smith & Egge Mfg. Co. (Single & Double),  
 Bridgeport, Conn.  
 Steele & Johnson Mfg. Co., Waterbury,  
 Conn.  
 Twisted Wire & Steel Co. ("Fitall"), 437  
 11th av, New York  
 Wall P. Mfg. Supply Co., 705 Preble av,  
 Pittsburgh, Pa.  
 Walworth Mfg. Co., Boston, Mass.  
 Watroush Acme Mfg. Co., Des Moines, Ia.  
 Wise J. B., Inc., Watertown, N. Y.  
 Wolff L. Mfg. Co., 601 W Lake, Chicago,  
 Ill.  
 Wolverine Brass Works (Tinned), Grand  
 Rapids, Mich.

#### 14461— Straps (Pitman)

Henry & Allen, Auburn, N. Y.  
 Whitman & Barnes Mfg. Co. (Iron & Wood  
 for Agl. Impls.), Akron, O.  
*See adv index at end of book*

#### 14462— Straps (Pole)

Bethlehem Steel Co., So Bethlehem, Pa.  
 Harvey Spring & Forging Co., Racine,  
 Wis.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh,  
 Pa.

#### 14463— Straps (Rebound)

Badger Handle Co., 323 E Water, Milwau-  
 kee, Wis.

#### 14464— Straps (Roll-Up)

Monarch Carriage Goods Co. ("Monarch"  
 for Carriage Curtains), Cincinnati, O.

#### Straps (Singletree)

*See Straps, Pole*

#### 14465— Straps (Skate, Trunk, Blanket, Etc.)

Atchison Saddlery Co., Atchison, Kan.  
 Backstay Machine & Leather Co., Union  
 City, Ind.  
 Badger Handle Co., 323 E Water, Milwau-  
 kee, Wis.  
 Buckheimer Geo. H. (Leather), 1004 Rut-  
 land av, Baltimore, Md.  
 Buffalo Weaving & Belting Co. (Cotton),  
 Buffalo, N. Y.  
 Cathrein Mfg. Co. (Also Book, Shawl  
 Webb, 824 Linden, Brooklyn, N. Y.  
 Chicago Leather & Mercantile Co., 1848  
 W 14th, Chicago, Ill.  
 Curry J. W. Co. (Trunk), 2615 Cummins,  
 Cincinnati, O.  
 Excelsior Bag & Mfg. Co. ("Excelsior"  
 Skate), Troy, N. Y.  
 Galewski A. & Son, 453 Broome, New York  
 Graton & Knight Mfg. Co., Worcester,  
 Mass.  
 Hudson Belting Co. (Trunk, etc), 3 Eaton  
 pl, Worcester, Mass.  
 Katz Bros., Leather Goods Co., 135 W  
 20th, New York  
 Kirby Mfg. Co., Middletown, Conn.  
 National Leather Mfg. Co., Niles, Mich.  
 Nott W. S. Co. (Skate & Trunk), 2d av  
 N & 3d, Minneapolis, Minn.  
 Page Belting Co., Concord, N. H.  
 Russell Mfg. Co., Middletown, Conn.

Sells J. H. & F. A. Co. (Leather), Chest-  
 nut & Pearl, Columbus, O.  
 Warren Leather Goods Co., Worcester,  
 Mass.  
 Workman H. B. Co. (Cotton), Lititz, Pa.

#### 14466— Straps (Street Car)

Graton & Knight Mfg. Co., Worcester,  
 Mass.  
 Railway Improvement Co. ("Rico" Sani-  
 tary), 61 B'way, New York  
 Rhoades J. E. & Sons, 12 N 3d, Phila., Pa.  
 St. Louis Car Co., 8000 N B'way, St. Louis,  
 Mo.  
 Wallace Supplies Mfg. Co. (Hand Straps),  
 412 Orleans, Chicago, Ill.

#### 14467— Straps (Timber)

Bethlehem Steel Co., So Bethlehem, Pa.  
 Kansas City Bolt & Nut Co. (Also  
 Bridge), Kansas City, Mo.

#### 14468— Straw Board Mfrs.

Albany Paper Products Co., Albany, Ind.  
 Alton Box Board & Paper Co., Alton, Ill.  
 American Straw Board Co., Akron, O.  
 Barrett Co. (Plain & Tarred), 17 Battery  
 pl, New York  
 Beloit Box Board Co., Beloit, Wis.  
 Boyle John F. Co., 500 Montgomery, Jer-  
 sey City, N. J.  
 California Paper & Board Mills, 40 1st,  
 San Francisco, Cal.  
 Central Box Board Co., 43d & Racine av,  
 Chicago, Ill.  
 Coshocton Straw Paper Co., Coshocton, O.  
 Crescent Paper Co., Marseilles, Ill.  
 Hager Straw Board & Paper Co., Xenia,  
 O.  
 Hartford Board Co., Hartford, Conn.  
**HEWITT C. B. & BROS.** (Dealers & Job-  
 bers), 49 Beekman, New York  
*See adv index at end of book*  
 Indiana Board & Filler Co. (Egg Case  
 Filler), Vincennes, Ind.  
 Lafayette Box Board & Paper Co., La-  
 fayette, Ind.  
 Lydall & Foulds Paper Co., Manchester,  
 Conn.  
 McEwan Bros. (Paper Box Boards),  
 Whippany, N. J.  
 Mount Vernon Straw Board Co., Mount  
 Vernon, Ind.  
 Niles Board & Paper Co., Niles, Mich.  
 North Star Mfg. Co., Coffeyville, Kan.  
 Pairpoint Corporation New Bedford, Mass.  
 Pemble Wm. & Sons, Stillwater, N. Y.  
 Rockford Paper Box Board Co., Rockford,  
 Ill.  
 Rockford Paper Mills, Rockford, Ill.  
 Smith Isaac E., St. Johnsville, N. Y.  
 Terre Haute Paper Co., Terre Haute, Ind.  
 United Paperboard Co., 171 Madison av,  
 New York  
 Wasauc Mills Co., South Glastonbury,  
 Conn.

#### 14469— Straw Stackers

Aultman & Taylor Machinery Co. (Pneu-  
 matic), Mansfield, O.  
 Avery Co. (Automatic, for Threshers), Pe-  
 oria, Ill.  
 Birdsell Mfg. Co., South Bend, Ind.  
 Buffalo Pitts Co. ("Russell" Pattern  
 Wind), Buffalo, N. Y.  
 Emerson-Brantingham Co. ("Emerson,"  
 "Geiser Peerless," "Reeves," Wind),  
 Rockford, Ill.  
 Fosston Mfg. Co. ("Fosston" Full Swing  
 Wind Stackers) 473 Cleveland, St. Paul  
 Minn.  
 Frick Co. (Landis Eclipse Wind), Waynes-  
 boro, Pa.  
 Garden City Feeder Co. ("Pella"), Pella,  
 Ia.  
 Harrison Machine Works (Pneumatic),  
 Belleville, Ill.  
 Huber Mfg. Co. (Wind Stackers), Marion,  
 Ohio  
 Indiana Mfg. Co. ("Farmers' Friend"),  
 Telephone bldg, Indianapolis, Ind.  
 Nichols & Shepard Co. (Swinging &  
 Wind), Battle Creek, Mich.  
 Port Huron Engine & Thresher Co.  
 (Pneumatic), Port Huron, Mich.  
 Reeves Pulley Co. (Automatic & Pneu-  
 matic), Columbus, Ind.  
 Rumeley M. Co. ("Advance," "Gaar  
 Scott" Automatic & Pneumatic),  
 Laporte, Ind.  
 Russell Wind Stacker Co. (Wind), 1001  
 Shelby, Indianapolis, Ind.  
 Russell & Co. (Pneumatic, Swinging &  
 Wind), Massillon, O.  
 Smith & Sons Mfg. Co., Kansas City, Mo.

South Bend Spark Arrester Co. (Wind  
 Hoods), South Bend, Ind.  
 Swayne, Robinson & Co. (Automatic  
 Swinging), Richmond, Ind.  
 Westinghouse Co., Schenectady N. Y.

#### 14470—Straws (Soda Water)

Coe Mfg. Co. ("White's" Fluted), 35 War-  
 ren, New York  
 Hygela Antiseptic Toothpick Co., 160 W  
 14th, N. Y.  
 Stone Straw Co., 30 O, N E, Washington,  
 D. C.

#### 14471— Street Lighting

*See also Posts, Lamp Arc & Tungsten*  
 American Gas Machine Co. (Gasoline Ap-  
 paratus), Albert Lea, Minn.  
 Flour City Ornamental Iron Works ("Cor-  
 inthian" Standard Tungsten Lights  
 for Cities), 27th st & 27th av, Min-  
 neapolis, Minn.  
 Welsbach Street Lighting Co. (of Amer-  
 ica), 1924 Market, Phila., Pa.  
**WESTINGHOUSE ELECTRIC & MFG.**  
**CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

#### Street Lighting Standards

*See Posts, Lamp, Arc & Tungsten*

#### Street Lighting (Sun Vapor)

*See Lamps, Incandescent Vapor Gas*

#### Street Railway Sprinkling Cars

*See Cars, Sprinkling, Street Railway*

#### 14472— Street Sprinkler Wagon Tanks

Acme Road Machinery Co., Frankfort,  
 N. Y.  
 Littleford Bros., 444 E Pearl, Cincinnati,  
 Ohio

#### 14473—Street Sprinkling Carts & Wagons

Abbott & Downing Co., Concord, N. H.  
 Acme Road Machinery Co., Frankfort,  
 N. Y.  
 Austin Mfg. Co., 910 S Michigan av, Chi-  
 cago, Ill.  
 Etnyre E. D. & Co., Oregon, Ill.  
 Hvass Chas. & Co., 511 E 18th, New York  
 Lansing Co. (Carts), Lansing, Mich.  
 Littleford Bros., 444 E Pearl, Cincinnati, O.  
 Millburn Wagon Co., Toledo, O.  
 Port Huron Engine & Thresher Co., Port  
 Huron, Mich.  
 Studebaker Corp. ("Little Gem"), South  
 Bend, Ind.  
 Tiffin Wagon Co., Tiffin, O.  
 Universal Road Machinery Co. ("Reliance"  
 Oil Sprayer), Kingston, N. Y.  
 Winkler Grimm, South Bend, Ind.

#### 14474—Stretchers (Box Strap)

**CARY MFG. CO.** ("Cary's"), Nassau &  
 Jay, Brooklyn, N. Y.  
*See adv index at end of book*

#### 14475— Stretchers (Carpet)

Bradley & Farnham ("Bullard," "Knapp")  
 Middlefield, Conn.  
 Braunsdorf-Mueller Co. (Extension Han-  
 dle), Elizabeth, N. J.  
 Cady Mfg. Co., Auburn, N. Y.  
 Johnson Wm. (Hedenberg Wks.), Newark,  
 N. J.  
 Judd H. L. Co., 87 Chambers, New York  
 Krauter & Co., 583 18th av, Newark, N. J.  
 Lowentraut P. Mfg. Co., 36 Brenner, New-  
 ark, N. J.  
 Mallory C. M., Albion, N. Y.  
 Osborne C. S. & Co., Harrison, N. J.  
 Peck, Stow & Wilcox Co., Southington,  
 Conn.  
 Potter Mfg. Co. ("Potter"), Geneva, O.  
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chi-  
 cago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sayre L. A. Co., 332 Mulberry, Newark,  
 N. J.  
 Stortz John & Son, 210 Vine, Phila., Pa.  
 Taylor Mfg. Co. ("Yankee" Stretcher &  
 Tack Holder), Hartford, Conn.



**14476— Stretchers (Chair)**

Estes E. B. & Sons, 358 5th av, New York. *See adv index at end of book*  
 Minton T. W. & Son, Barboursville, Ky.  
 Stephenson Mfg. Co., So. Bend, Ind.

**14477— Stretchers (Curtain)**

Acme Mfg. Co. ("Acme"), 1806 East, Pittsburgh, Pa.  
 Chicago Curtain Stretcher Co. ("No Piece"), 3725 Wall, Chicago, Ill.  
 Davis John B. ("Ideal"), Clinton, Me.  
 Guth Mfg. Co., 116 E 24th, New York  
 Holmquist & Co. ("Home-Kissed"), W 35th & S Maplewood av, Chicago, Ill.  
 Holmquist & Swanson ("National Champion"), 2536 S Western av, Chicago, Ill.  
 Steinfeld Bros., 116 W 32d, New York  
 Taylor Mfg. Co. ("Taylor," Polished Steel Tube), Princeton, Ind.  
 Wagner Curtain Stretcher Co. ("Dewey"), Greensburg, Pa.

**14478—Stretchers (Electric Wire)**

Eureka Co., North East, Pa.  
 Rittenhouse A. E. Co., Honeoye Falls, N.Y.

**14479— Stretchers (Glove)**

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York.  
**ESTES E. B. & SONS**, 358 5th av, New York. *See adv index at end of book*  
 McBride C. L. Mfg. Co. ("McBride" Electric), Toledo, O.

**14479a— \*Stretchers (Hammock)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**14480— Stretchers (Hospital)**

Arntzen Co., 808 N Clark, Chicago, Ill.  
 Bernstein Mfg. Co. (Wheel), 3d & Allegheny, Phila., Pa.  
 Channon Jas H. Mfg. Co. ("American," Folding), 227 W Erie, Chicago, Ill.  
 Dougherty H. D. & Co. ("Faultless"), 17th & Indiana av, Phila., Pa.  
 Hospital Supply Co., 53 5th av, New York  
 Kny-Scheerer Co. ("Stokes" Splint, Navy, etc), 404 W 27th, New York  
 Miller Supply Co., Huntington, W. Va.  
 Williams Improved Stretcher Co., Wheeling, W. Va.

**Stretchers (Saw)**

*See Saw Stretching Machines*

**14481— Stretchers (Shoe)**

Horn Wm. H. & Bro. ("Ever Ready"), 451 3d, Phila., Pa.

**14482— Stretchers (Wire)**

*See also Stretchers, Electric Wire*

**AMERICAN STEEL & WIRE CO.** ("Lift," "American," "Double Jack"), 208 La Salle, Chicago, Ill.  
*See adv index at end of book*  
 American Wire Fence Co. (Wire Fence), 10 S La Salle, Chicago, Ill.  
 Arcade Mfg. Co., ("Warner," "Dean," "Elwood" & "Little Giant"), Freeport, Ill.  
 Bridgewater Plow Corp. ("Superior" Wire Fence), Bridgewater, Va.  
 Burgess & Norton Mfg. Co. ("Bur-Nor," "Zinnis," "Duplex"), Geneva, Ill.  
 Burr Mfg. Co. (Fence & Wire), Whitney Power bldg, Cleveland, O.  
 Church Bros. ("Church"), Adrian, Mich.  
 Cyclone Fence Co. ("Cyclone," for Woven Wire Fence), Waukegan, Ill.  
 Cyclone Woven Wire Fence Co. ("Cyclone"), Cleveland, O.  
 Decker Mfg. Co., Keokuk, Iowa  
 Dwiggins Wire Fence Co. ("Perfection," for Woven Wire Fence), Anderson, Ind.  
 Enterprise Iron Works, Indianapolis, Ind.  
 Elliott & Reid Co. ("Royal," for Woven Wire Fence), Richmond, Ind.  
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 Gulf States Steel Co. (Fence), Birmingham, Ala.  
 Hall Mfg. Co. ("Hall" Wire Fence), Monticello, Ia.  
 Hohulin Bros. ("Success"), Goodfield, Ill.

Hunt, Helm, Ferris & Co. ("Star," "Knoxall," "Elwood," "Endless," "Dean," "Little Giant," "Self Lock," "Samson," "Big Giant"), Harvard, Ill.  
 Interlocking Fence Co. ("Interlocking"), Morton, Ill.

Jackson Fence Co. ("Jackson"), Jackson, Mich.

Keystone Steel & Wire Co. ("Samson" for Woven Wire Fence), Peoria, Ill.  
 Luther Grinder Mfg. Co. ("Luther" Tightener), 285 S Water, Milwaukee, Wis.

Mason Fence Co. ("Bull Dog"), Leesburg, O.

Milwaukee Hay, Tool Co. ("Milwaukee," "Eclipse," "Dandy" Combined Tackle & Stretcher Block), Layton Park, Milwaukee, Wis.

Ney Mfg. Co. ("Ney"), Canton, O.  
 Northwestern Barb Wire Co. ("Dillon"), Sterling, Ill.

Page Woven Wire Fence Co. ("Page," New Page), Adrian, Mich.

Peerless Wire Fence Co. ("Lamb"), Adrian, Mich.

Richards-Wilcox Mfg. Co., ("Richards" Tackle Block Self-Locking, "Richards" Continuous, "Giant" & "Elwood"), Aurora, Ill.

Ridgley Trimmer Co., Springfield, O.  
 Rittenhouse A. E. Co. (For Electric Wire), Honeoye Falls, N. Y.

Smith Hardware & Mfg. Co. ("Franklin," for Woven Wire Fence), De Kalb, Ill.  
**SMITH & HEMENWAY CO.**, 76 Chambers, New York  
*See adv index at end of book*

Strickler Hay Tool Co., Janesville, Wis.  
 Townsend F. J. (For Stretching Woven & Barbed Wire Fences), Painted Post, N. Y.

Warren Specialty Mfg. Co. ("Neverslip" Stretcher & Staple Puller), Racine, Wis.

Western Steel & Iron Works ("Western"), De Pere, Ill.

Wheaton C. M. & Co., Sunbury, Ohio  
 Wrightsville Hardware Co. ("Sure Grip" Fence), Wrightsville, Pa.

**14483— Strike Tache**

Blymyer Iron Works Co. (Open Steam, with Copper Coils), Cincinnati, O.

**14484— Stringers (Fish)**

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

**14485— Stringers (Ham)**

Johnson Wm. (Hedenberg Works), Newark, N. J.

**NICHOLS BROS.**, Greenfield, Mass.  
 Osborne C. S. & Co., Harrison, N. J.  
 Stortz John & Son, 210 Vine, Phila., Pa.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

**14486—Strings (Gut, Tennis Racket, Etc.)**

American Gut String Mfg. Co. ("American"), 4151 S Ashland av, Chicago, Ill.

Ashland Mfg. Co. ("Ashland"), W 43d & S Hermitage av, Chicago, Ill.

Baumgartner Eugene, 829 W 53d pl, Chicago, Ill.

Slazenger Frank L. (Imp.), 12 E 43d, New York

Stecher A., 46th & So Racine av, Chicago, Ill.

Wilson Thos. E. & Co., 43d & S Hermitage av, Chicago, Ill.

**14487— Strings (Hame)**

American Lace Leather Co., Richmond, Va.

California Tanning Co., St. Louis, Mo.  
 Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.

Hodapp & Miller, Louisville, Ky.

Musgrave Leather Co., 414 N Front, Baltimore, Md.

New York Leather Belting Co. (Rawhide), 51 Beekman, New York  
 Page Belting Co., Concord, N. H.  
 Schieren Chas. A. Co. (Rawhide), 30 Ferry, New York

**14488— Strings (Musical Instrument)**

Ashland Mfg. Co. (Musical, Fiddle, etc), W 43d & S Hermitage av, Chicago, Ill.

Baumgartner Eugene, 829 W 53d pl, Chicago, Ill.

Cronk Horace L. (Violin), Battle Creek, Mich.

Gibson Musical String Co., Belleville, N. J.

Koch Ands (Imp), 296 B'way, New York

National Musical String Co., New Brunswick, N. J.

Wilson Thos. E. & Co., 43d & S Hermitage av, Chicago, Ill.

**14489— Strippers (Ingot)**

**MORGAN ENGINEERING CO.** (Electric & Hydraulic), Alliance, O.

*See adv index at end of book*  
 Neumeyer & Dimond ("Demag" Imp), 82 Beaver, New York

Taylor-Wilson Mfg. Co. (Hydraulic), McKees Rocks, Pa.

Wellman-Seaver-Morgan Co., Cleveland, Ohio

**14490-1—Strippers (Sugar Cane)**

American Mfg. Co. ("Jackson" & "Boss"), Chattanooga, Tenn.

**Strippers (Hand)**

*See Cards, Hand*

**14492— Strips (Batten)**

Milwaukee Corrugating Co. ("Milcol"), Milwaukee, Wis.

**Strips (Carbon)**

*See Carbon Mfrs.*

**14493— Strips (Roofing)**

Bemis Bros. Bag Co., 601 S 4th, St. Louis, Mo.

**Strontia Nitrate**

*See Nitrate of Strontium*

**14494— Stropers (Razor)**

Boker H. & Co. ("Bokers" Automatic), 101 Duane, New York

Buffum Tool Co. ("Swastika" Safety Razor), South Side, Louisiana, Mo.

Bumann Mfg. Co. (Safety Razor), Litchfield, Ill.

Burke Mfg. Co., Dayton, O.

Carpenter L. A. Press Metal Co. ("Van"), Cambridge, Mass.

Clauss Shear Co. ("Never Fail"), Fremont, O.

Gibford Specialty Co., 217 W Grand av, Chicago, Ill.

Heimerdinger W. C. (Safety Razor), Louisville, Ky.

Kampfe Bros., 3303 Atlantic av, B'klyn, N. Y.

Kanner Samuel ("Sterling"), 556 B'way, New York

Keenoh Co. ("Keenoh"), 82 First, Detroit, Mich.

Koch F. A. & Co., 524 B'way, New York

Never Fail Co. ("Never-Fail" Safety), Toledo, O.

Pullman Mfg. Co. ("Pullman") (Safety Razor), Rochester, N. Y.

Twinplex Sales Co. ("Twinplex" Safety Razor), 313 N 10th, St. Louis, Mo.

Victor Specialty Co., Canton, O.

Weber-Knapp Co. (Automatic), Jamestown, N. Y.

Zig Zag Sales Co. (Any Safety Blade), 217 W Grand av, Chicago, Ill.

Zinn Edward ("Gillette Blade"), 11th av & 25th, New York

**14495— Strops (Hame)**

Badger Handle Co., 323 E Water, Milwaukee, Wis.

**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER**



**14496— Strops (Razor)**

Allegretti Mfg. Co., Geneva, N. Y.  
 Bison Mfg. Co., Little Valley, N. Y.  
 Carborundum Co. (Carborundum), Niagara Falls, N. Y.  
 Case W. R. & Sons Cutlery Co., Bradford, Pa.  
 Cattaraugus Cutlery Co. ("Cattaraugus"), Little Valley, N. Y.  
 Droescher S. R. (Imp.), 79 Warren, New York  
 Eddy Co., Worcester, Mass.  
 Geneva Cutlery Co., Geneva, N. Y.  
 Hemmerdinger John H. & Son, Vanderhoort av, Brooklyn, N. Y.  
 Hollinger Cutlery Co., Fremont, O.  
 Howard's S. E. Son & Co., 1150 B'way, New York  
 Illinois Razor Strop Co. ("Sharp-Well"), 330 W Kinzie, Chicago, Ill.  
 Kaampfe Bros., 3303 Atlantic av, B'klyn, N. Y.  
 Koken Barber's Supply Co., Sidney & Texas, St. Louis, Mo.  
 Korn Geo. W. Razor Mfg. Co., Little Valley, N. Y.  
 Loveless L. W. Mfg. Co. ("Magic"), Lafayette, Ind.  
 National Cutlery Co. ("Morton," "National"), Westmoreland & Boudinot, Phila., Pa.  
 Never Fail Co., Toledo, O.  
 Pike Mfg. Co., Pike, N. H.  
 Reppenhagen M. E., Highland Falls, N. Y.  
 Riordan T. G. Mfg. Co., 3943 Lincoln av, Chicago, Ill.  
 Robeson Cutlery Co., Rochester, N. Y.  
 Shull W. A., 142 N 4th, Phila., Pa.  
 Silberstein A. L., 74 5th av, New York  
 Sunasack R. W., 2129 W Chicago av, Chicago, Ill.  
 Torrey J. R. Razor Co., Worcester, Mass.  
 Trieschman Luther H. Hartford, Conn.  
 Union Cutlery Co., Olean, N. Y.  
 Wanacek Strop & Cutlery Co., Fremont, O.  
 Wasserstrom L. B., 16 Ferry, New York  
 Zig Zag Sales Co. (Safety), 217 W Grand av, Chicago, Ill.

**14497— \*Structural Steel**

**RYERSON JOS. T. & SON** (Merchants), 2558 W 16th, Chicago, Ill., 2208 N 2d, St. Louis, Mo., 30 Church, New York, 726 Ford bldg, Detroit, Mich.

**14498— \*Stucco Boards**

Bishopric Mfg. Co. ("Bishopric" for Interior or Exterior), 1415 Este av, Cincinnati, O.

**14499— Stucco Mfrs.**

Acme Cement Plaster Co. ("Mission," "Apex"), Frisco bldg, St. Louis, Mo.  
 American Cement Plaster Co., Lawrence, Kans.  
 American Gypsum Co., Cleveland, O.  
 American Magnesia Products Co., 417 W 12th pl, Chicago, Ill.  
 Cardiff Gypsum Plaster Co., Fort Dodge, Ia.  
 Empire Gypsum Co., Garbutt, N. Y.  
 Gypsum Products Co., 14 E Jackson, Chicago, Ill.  
 Lycoming Calcining Co., Williamsport, Pa.  
 Monument Plaster Co. ("Oriental," Ready for Use), Harrison, N. J.  
 National Kellastone Co. ("Kellastone"), 5 S Wabash av, Chicago, Ill.  
 Niagara Gypsum Co. ("Niagara"), Buffalo, N. Y.  
 Plymouth Gypsum Co., Fort Dodge, Ia.  
 Reeb M. A., 599 Michigan av, Buffalo, N. Y.  
 Roc Bond Co. ("Rocbond"), Wren, O.  
 Rock Plaster Mfg. Co., 381 4th av, New York  
 Southern Gypsum Co., North Holston, Va.  
 United States Gypsum Co., 205 W Monroe, Chicago, Ill.  
 Wasem Paster Co., Fort Dodge, Ia.

**14500— Stucco Retarder**

National Retarder Co., Port Clinton, O.  
 United States Gypsum Co., 205 W Monroe, Chicago, Ill.

**14501— Stucco Work**

Architectural Decorating Co., 1600 S Jefferson, Chicago, Ill.  
 Berger H. Sons, 302 E 37th, New York

Caproni P. P. & Bro., 1914 Washington, Boston, Mass.  
 Emmel Chas. & Rose Co., 383 Albany, Boston, Mass.  
 Fischer & Jirouch Co., 4821 Superior av, Cleveland, O.  
 Forman Geo. A., 654 Gates av, Brooklyn, N. Y.  
 Grand Rapids Plaster Co., Grand Rapids, Mich.  
 Klee-Thomson Co., 327 E 40th, New York  
 Maltby W. H. & Sons, Corning, N. Y.  
 Root C. R., Hartford, Conn.  
 Schneider F. H., Syracuse, N. Y.  
 Seifert Frank A. Plastic Relief Co., 2627 Dayton, St. Louis, Mo.  
 Tognarelli & Voigt Co., 1743 N 12th, Phila., Pa.  
 Van Malderen F., 5th & Jumonville, Pittsburgh, Pa.

**14502—Studding ("Gypsinite")**

United States Gypsum Co., 205 W Monroe, Chicago, Ill.

**14503—Studding ("Gypsteel")**

Keystone Fire-Proofing Co., American bldg, Phila., Pa.

**14504—Studs (Electric Fixture)**

Appleton Electric Co., 218 N Jefferson, Chicago, Ill.  
 Barlow Foundry Co., 551 R. R. av, Newark, N. J.  
 Bonnell W. A. Co., 132 Church, New York  
 Colgan Wm. H. Co. ("Rex"), W Newton, Mass.  
 Curtis Screw Works, Buffalo, N. Y.  
 Grabler Mfg. Co., Cleveland, O.  
 Macallen Co., 16 Macallen, South Boston, Mass.  
 National Metal Molding Co. ("National" Stamp Steel), Fulton bldg, Pittsburgh, Pa.  
 Sprague Electric Works, 527 W 34th, New York  
 Steel City Electric Co. ("Star"), 1207 Columbus av, Pittsburgh, Pa.  
 Thomas & Betts Co., 105 Hudson, New York  
 Wil-Bar Mfg. Co. ("Wil-Bar"), 22 Clark ct, Detroit, Mich.

**14505— Studs (Harness)**

Jencks E. Mfg. Co. Worcester, Mass.  
 Morgan Spring Co., Worcester, Mass.

**14506— Studs (Lacing)**

General Mfg. Co., Waterbury, Conn.  
 Manufacturers' Belt Hook Co. ("L-X," "Blades," Gunmetal, "20th Century" Steel Belt), 113 N Green, Chicago, Ill.  
 Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.

**14507— Studs (Metal)**

Berger Mfg. Co. ("Prong Lock"), Canton, Ohio  
**DETROIT SCREW WORKS** (Metal & Steel Studs), 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
 Knapp Bros. Mfg. Co. ("Knapp's" for Plaster Fireproof Partitions), 2419 W 14th, Chicago, Ill.  
 Sharon Steel Hoop Co. (For Furring, etc), Youngstown, O.  
 Trussed Concrete Steel Co. (Kahn Building Products), Youngstown, O.  
 Union Building Material Co. ("Union"), 231 10th av, New York  
 Waltham Screw Co., Waltham, Mass.

**14508— Studs (Milled Iron)**

Babson, Dow Mfg. Co., 60 Fulda, Boston, Mass.  
 Bethlehem Steel Co., So Bethlehem, Pa.  
 Blake & Johnson Co., 1500 Thomaston av, Waterbury, Conn.  
*See adv index at end of book*  
 Chicago Screw Co., 13 N Jefferson, Chicago, Ill.  
 Corbin Screw Corporation New Britain, Conn.  
 Critchley Machine Screw Co., Worcester, Mass.  
 Curtis Screw Works, Buffalo, N. Y.  
**DETROIT SCREW WORKS**, 348 Franklin, Detroit, Mich.  
*See adv index at end of book*  
 Ferry Cap & Set Screw Co., Cleveland, O.

Hartford Machine Screw Co., Hartford, Conn.  
 Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
 Hill Geo. Q. Co., 32 Dorchester av, Boston, Mass.  
 Hope Wm. H. Co., Lowell, Mass.  
 Hopedale Mfg. Co., Milford, Mass.  
 National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.  
 National Sewing Machine Co., Belvedere, Ill.  
 Niagara Screw Co., Buffalo, N. Y.  
 Pawtucket Mfg. Co., Pawtucket, R. I.  
 Philadelphia Machine Screw Works, 624 Race, Phila., Pa.  
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.  
 Progressive Mfg. Co. (Also Steel, Brass, etc, to Order Only), Torrington, Conn.  
 Rhode Island Tool Co., Providence, R. I.  
 St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.  
 Worcester Mach. Screw Co., Standard Screw Co., Successors, Worcester, Mass.

**14509— Stuffers (Sausage)**

Enterprise Mfg. Co. of Pa., 3d & Dauphin, Phila., Pa.  
 Landers, Frary & Clark, New Britain, Conn.  
 Morris John B. Foundry Co., Court & Harriet, Cincinnati, O.  
 Murray Iron Works Co., Central av & Washington, Burlington, Ia.  
 National Specialty Mfg. Co., 3d av & Lehigh, Phila., Pa.  
 Peck, Stow & Wilcox Co. ("Perry" Pattern), Southington, Conn.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sargent & Co. ("Perry" Pattern), New Haven, Conn.  
 Silver Mfg. Co. ("Wagner"), Salem, O.  
 Smith's John E. Sons Co., Buffalo, N. Y.  
 Union Machine Works & Iron Foundry ("Union"), 1821 S Water, Phila., Pa.  
 Wolf, Sayer & Heller (Wolf Peerless), Fulton & Peoria, Chicago, Ill.

**Submarine Armor**

See Diving Apparatus

**14510—Substitutes (Stained Glass)**

Parrish S. H. & Co., 202 S Clark, Chicago, Ill.  
 Quaille Wm. B. ("Glacier Seccotine"), 405 Lexington av, New York  
 Ross W. A. & Bro. ("Glacier Imp"), 11 S William, New York  
 Stained Glass Paper Co. (Imp), 19 E 14th, New York  
 Windowphanie Co. ("Windowphanie" Translucent Glass Decorations), 19 E 14th, New York

**Suckers (Soot)**

See Cleaners, Boiler Flue & Tube

**14510a— \*Sugar Cloth**

Newark Wire Cloth Co., 222-230 Verona av, Newark, N. J.  
*See adv index at end of book*

**Sugar of Lead**

See Acetate of Lead

**Sugar Machinery**

See Specific Article Required

**14511—Sugar Plant Construction (Beet)**

Dibert, Bancroft & Ross Co., Ltd., Tulane & Hagan av, New Orleans, La.  
 Dyer Co., Cleveland, O.  
 Kilby Mfg. Co., Cleveland, O.  
 Larrowe Construction Co., 1199 Woodward av, Detroit, Mich.  
 Murphy John H., 643 Magazine, New Orleans, La.  
 Salich E. & Co., Monadnock Blk, Chicago, Ill.  
 Stearns-Roger Mfg. Co., Denver, Col.  
 White J. G., Engineering Corp, 43 Exchange plc., New York

**14512— Sugar Refineries**

Alameda Sugar Co. (Beet Sugar), Alaska  
 Commercial bldg, San Francisco, Cal.  
 Factory: Alvarado, Cal.



Amalgamated Sugar Co. (Beet), Ogden, Utah  
 Amer. Beet Sugar Co., Denver, Col.  
 American Sugar Refining Co., 117 Wall, New York. Refineries: Brooklyn, N. Y., & Jersey City, N. J.  
 Arbuckle Bros., Old Slip & Water, New York  
 California & Hawaiian Sugar Refining Co. (Beet Sugar), 230 California, San Francisco, Cal. Factory at Crockett, Cal.  
 Chaparra Sugar Co. (Cane), 129 Front, New York  
 Clinton Sugar Refining Co., Clinton, Ia.  
 Colonial Sugars Co., 129 Front, New York  
 Continental Sugar Co. (Beet), Toledo, O. Factories at Findlay, O.; Fremont, O., & Blissfield, Mich.  
 Corn Products Refining Co., 17 Battery pl, New York. Refineries: Argo, Ill., Davenport, Ia., Edgewater, N. J.; Granite City, Ill.  
 Cuban-American Sugar Co., 129 Front, New York  
 Federal Sugar Refining Co., 91 Wall, New York. Refineries: Yonkers, N. Y.  
 Franklin Sugar Refining Co., 125 S Orlana, Phila., Pa.  
 German-American Sugar Co. (Beet Sugar), West Bay City, Mich., & Paulding, O.  
 Great Western Sugar Co. (Beet), Denver, Colo.  
 Guantanamo Sugar Co., 129 Front, New York  
 Hawaiian Commercial & Sugar Co., Alaska Commercial bldg, San Francisco, Cal., & Puunene, T. H.  
 Holland-St. Louis Sugar Co. (Beet), Holland, Mich.  
 Holly Sugar Co. (Beet), Denver, Colo.  
 Honolulu Plantation Co., Hooker & Lent bldg, San Francisco, Cal., & Honolulu, T. H.  
 Imperial Sugar Co., Sugarland, Tex.  
 Iowa Sugar Co. (Beet), Waverly, Ia.  
 Lafayette Sugar Refining Co., Ltd., New Orleans, La.  
 Lockport Central Sugar Refining Co., Lockport, La.  
 Long Syrup Refining Co., 16th & Division, San Francisco, Cal.  
 McCahan W. J. Sugar Refining Co., Chestnut & Front, Phila., Pa.  
 Mercedita Sugar Co., 129 Front, New York  
 Menominee River Sugar Co. (Beet), Menominee, Mich.  
 Michigan Sugar Co. (Beet), Saginaw, Mich.  
 Miles Planting & Mfg. Co., Burnside, La.  
 Mollenhauer Sugar Refining Co., Kent av, Brooklyn, N. Y.  
 Mount Clemens Sugar Co. (Beet), Mount Clemens, Mich.  
 National Sugar Mfg. Co. (Beet), Sugar City, Colo.  
 National Sugar Refining Co., 129 Front, New York. Refineries: Yonkers, N. Y., Long Island, N. Y., & Brooklyn, N. Y.  
 Owosso Sugar Co. (Beet), Owosso, Mich.  
 Pope Chas. (Beet), 332 S Michigan av, Chicago, Ill.  
 Revere Sugar Refinery 15 Broad, Boston, Mass.  
 Sacramento Valley Sugar Co., Los Angeles, Cal. Refineries: Hamilton, Cal.  
 Salesburg Refining Co., Ltd., Landerdale, La.  
 Spreckels Sugar Co. (Beet), California & Davis, San Francisco, Cal. Factory: Spreckels, Cal.  
 Toledo Sugar Co., Toledo, O.  
 Union Sugar Co. (Beet), 310 Sansome, San Francisco, Cal. Factory: Betteravia, Cal.  
 United States Sugar Co. (Beet Sugar), Madison, Wis.  
 Utah-Idaho Sugar Co., Salt Lake City, Utah  
 Warner Sugar Refining Co., 79 Wall, New York  
 West Bay City Sugar Co. (Beet), West Bay City, Mich.  
 Western Sugar Refining Co., Davis & California, San Francisco, Cal.  
 Western Sugar & Land Co. (Beet), Grand Junction, Col.

### Suit Cases

See Traveling Bags & Suit Cases

### Sulphate of Alumina

See Alumina

### 14513—Sulphate of Ammonia

American Agricultural Chemical Co., 2 Rector, New York  
 Armour Fertilizer Works, U. S. Yards, Chicago, Ill.  
 Baker H. J. & Bro. (Imported), 81 Fulton, New York  
 Barrett Co., 17 Battery pl, New York  
 Buffalo Fertilizer Works, Marine Bk. bldg, Buffalo, N. Y.  
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
 Heller Jos. S. (Importers & Brokers), 62 William, New York  
 Katzenbach & Bullock Co. (Imp.), Trenton, N. J.  
 Lang J. M. & Co. (Brokers), Savannah, Ga.  
 Listers Agr'l Chemical Works, 2 Rector, New York  
 Merrimac Chemical Co., 148 State, Boston, Mass.  
 Munro Robt. A. & Co. (Imp.), 56 Pine, New York  
 New England Gas & Coke Co., 111 Devonshire, Boston, Mass.  
 Peters White & Co. (Importers), 55 John, New York  
 Tennant C. Sons & Co. of N. Y. (Importers), 100 William, New York  
 Walter Edw. J. Co. (Brokers), American bldg, Baltimore, Md.  
 White Thos. H. & Co. (Brokers), 11 S Gay, Baltimore, Md.

### 14514—Sulphate of Copper

See also Chemicals, Battery  
 Drakenfeld B. F. & Co. (Imp.), 50 Murray, New York  
 General Chemical Co. (Or Blue Vitriol), 25 Broad, New York  
 Klipstein A. & Co., 644 Greenwich, New York  
 Mountain Copper Co. (Ltd.) ("Mococo") Bluestone, 332 Pine, San Francisco, Cal.

### Sulphate of Iron

See Copperas

### 14515—Sulphate of Lead

Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.  
 St. Louis Smelting & Refining Co., International Life bldg, St. Louis, Mo.

### 14516—Sulphate of Lime

Doggett Stanley, 11 Cliff, New York  
 Higginson Mfg. Co., Newburgh, N. Y.  
 Scheel Wm. H. (Imp.), 159 Maiden la, New York  
 Western Chemical Mfg. Co. (Bi-Sulphate of Lime), Denver, Colo.

### 14517—Sulphate of Soda

See also Salts, Glaubers  
 Baugh & Sons Co., 20 S Delaware av, Phila., Pa.  
 Butterworth-Judson Co., Passaic River, Newark, N. J.  
 Contact Process Co., Buffalo, N. Y.  
 General Chemical Co. (Also Calcined Sulphate & Concentrator), 25 Broad, New York  
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
 Jarecki Chemical Co., Sandusky, O.  
 Klipstein A. & Co., 644 Greenwich, New York  
 Merrimac Chemical Co., 148 State, Boston, Mass.  
 Pennsylvania Salt Mfg. Co. (Glass Makers' Salt Cake), Widener bldg, Phila., Pa.  
 Powers-Weightman-Rosengarten Co., 916 Parish, Phila., Pa.  
 Scheel Wm. H. (Imp.) (Refined, etc), 159 Maiden la, New York  
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.  
 Western Chemical Mfg. Co., Denver, Colo.

### 14518—Sulphate of Zinc

Avery Chemical Co., 88 Broad, Boston, Mass.  
 Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
 Merrimac Chemical Co., 148 State, Boston, Mass.

Sandoval Zinc Co., 410 N Peoria, Chicago, Ill.  
 Scheel Wm. H. (Foreign), 159 Maiden la, New York  
 Virginia Consolidated Chemical Corp., 100 B'way, New York  
 Wiarda John C. & Co., 273 Greene, Brooklyn, N. Y.

### 14519—Sulphide of Iron

Pennsylvania Salt Mfg. Co., Widener bldg, Phila., Pa.

### 14520—Sulphide Soda

Gilman Wm. D. Co. (Concentrated), 22 S 3d, Phila., Pa.  
 Merrimac Chemical Co., 148 State, Boston, Mass.  
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.  
 Wolf Jacques & Co. (Selling Agents), Passaic, N. J.

### 14521—Sulphite Plant Equipment

Stebbins Engineering & Mfg. Co., Watertown, N. Y.

### 14522—Sulphite Pulp

BERLIN MILLS CO. (Bleached & Unbleached), Portland, Me.  
 Burgess Sulphite Fibre Co. (Bleached & Unbleached), Portland, Me.  
 Castle, Gotthell & Overton, 200 5th av, New York  
 Cherry River Paper Co., Land Title bldg, Phila., Pa.  
 Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
 Nekoosa-Edwards Paper Co., Port Edwards, Wis.  
 Oxford Paper Co. (Bleached), 200 Fifth av, New York  
 Parsons Pulp & Lumber Co. (Spruce, Bleached & Unbleached), Finance bldg, Phila., Pa.  
 Sergeant E. M. Co., 95 Madison av, New York  
 Union Bag & Paper Corp., Woolworth bldg, New York  
 West Va. Pulp & Paper Co. (Bleached Spruce), 200 Fifth av, New York

### 14523—Sulphite Soda

Butterworth-Judson Co., Passaic River, N. J.

### 14524—Sulphur Apparatus

Blymyer Iron Works, Cincinnati, O.  
 Knott L. E. Apparatus Co. (Jenkins), 79 Amherst, Cambridge, Mass.

### 14524a—\*Sulphur Black

Du PONT CHEMICAL WORKS, 120 B'way, New York

### Sulphur Colors

See Colors, Sulphur

### 14525—Sulphur Dioxide

Ansul Chemical Co. (Liquid), Marinette, Wis.  
 Cooper Chas. & Co. (Liquid), 194 Worth, New York  
 Virginia Smelting Co. (Liquid), West Norfolk, Va.

### 14526—Sulphur Flour

Mechling Bros. Mfg. Co., Camden, N. J.

### 14527—Sulphur (Refined)

Battelle & Renwick ("Brooklyn"), 80 Maiden la, New York  
 White T. & S. C. Co., 100 William, New York

### 14528—Sulphur & Brimstone

Battelle & Renwick (Flour, Sublimed & Roll), 80 Maiden la, New York  
 Commercial Acid Co., 3943 Duncan, St. Louis, Mo.  
 Doggett Stanley (Imp.), 11 Cliff, New York  
 Freeport Sulphur Co., Freeport, Tex.  
 General Chemical Co. (Roll Brimstone Flour & Flowers of Sulphur), 25 Broad New York



Grasselli Chemical Co., Guardian bldg, Cleveland, O.  
 Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
 Hollingworth & Peterson, Lafayette bldg, Phila., Pa.  
 Lang J. M. & Co. (Brokers), Savannah, Ga.  
 Mechling Bros. Mfg. Co. (Powdered), Camden, N. J.  
 Nassau Sulphur Wks., 92 William, New York  
 National Sulphur Co., 80 Maiden la, New York  
 Scheel Wm. H. (Sulphur Jobbers), 159 Maiden la, New York  
 Thomsen Chemical Co., Munsey bldg, Baltimore, Md.  
 Union Sulphur Co. (High Grade Brimstone), 17 Battery pl, New York:  
 Mines: Calcasieu, La.  
 White T. & S. C. Co. (Sublimed Flowers & Flour), 100 William, New York

### Sulphuric Acid

See Acid Sulphuric

### 14528a—\*Sulphuric Acid

See also Nitre Cake, also Acid, Sulphuric du Pont E. I. de Nemours & Co. (By-Products Division), Wilmington, Del.

### 14528b—\*Sulphuric Acid Apparatus

Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

### 14528c—\*Sulphuric Acid Recovering Apparatus

Buffalo Foundry & Machine Co., 65 Winchester, Buffalo, N. Y.  
*See adv index at end of book*

### 14529— Sumac

Androvette & Townsend (Sicily) (Imp.), 235 Water, New York  
 Baker W. W. Tanning Co., Hallsboro, Va.  
 Brackett Josiah & Son, 134 Summer, Boston, Mass.  
 Innis, Speiden & Co., Inc., 46 Cliff, New York.  
*See adv index at end of book*  
 Klipstein A. & Co. (Ground, Imp.), 644 Greenwich, New York  
 Leyland Thos. & Co., Readville, Boston, Mass.  
 Marden, Orth & Hastings Co. (Imp. Sicily), 61 B'way, New York  
 Moore, Warner & Co., 17th, Richmond, Va.  
 National Sumac & Herb Co., Henderson, N. C.  
 Neumann R. & Co. (Imported), 76 Worth, New York  
 Tennant C. Sons & Co. of N. Y. (Imported), 100 William, New York  
 Whittemore-Wright Co. (Sicily) & Virginia), Charlestown, Boston Mass.

### 14530—Summer Houses or Arbors

Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.  
 Champion Iron Co. (Steel), Kenton, O.  
 Howard & Morse, 46 Fulton, New York  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 Smith F. P. Wire & Iron Co., Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.

### 14531— Sun Dials

Erkins Studios, 227 Lexington av, New York  
 Gardam Wm. & Son, 114 Park pl, New York  
**GORHAM CO. ARCH'L BRONZE (Bronze)**  
 5th av & 36th, New York. Works: Providence, R. I.  
*See adv index at end of book*  
 Janusch Mfg. Co., 496 E 134th, New York  
 Jones M. D. Co., 73 Portland, Boston, Mass.  
 Jordan Adolph M., 37 E 5th, Cincinnati, O.  
 Mitchell-Bissell Co., 251 4th av, New York  
 Rostand Mfg. Co. ("Rostand," Bronze), Milford, Conn.  
 Salo Art Metal Co., Binghamton, N. Y.

### 14532—Sun & Heliographic Printing

Amsler Blue Print Co., 30 Church, New York

Keuffel & Esser, Hoboken, N. J.  
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

### 14533—Superheaters (Steam)

Babcock & Wilson Co., 85 Liberty, New York  
**BUFFALO FOUNDRY & MACHINE CO.,**  
 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
 Heine Safety Boiler Co., 2449 Marcus av, St. Louis, Mo.  
 Hussey, McCann & Co., 87 Warren, New York  
 Locomotive Superheater Co. (For Locomotives & Steamships), 30 Church, New York  
 Parker Boiler Co., Penna. bldg., Phila., Pa.  
 Potter Separator Co., 17 Battery pl, New York  
 Power Specialty Co. ("Foster"), 111 B'way, New York  
 Thacher Geo. H. & Co., Albany, N. Y.  
 United Gas Improvement Co. ("Standard Double"), Phila., Pa.  
**WESTINGHOUSE ELECTRIC MFG. CO.,**  
 Westinghouse bldg, Pittsburgh, Pa.

### 14534— Superphosphates

American Agricultural Chemical Co. (Concentrated), 2 Rector, New York  
 Union Superphosphate Co., 343 Sansome, San Francisco, Cal.  
 Virginia-Carolina Chemical Co. (Of all Grades), 11 S 12th, Richmond, Va.

### Supplies (Bowling Alley)

See Balls, Bowling, Wood

### 14535—Supports (Bus Bar & High Tension, Etc.)

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.  
 Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.

### 14536—Supports (Carriage Top)

Essex Brass Foundry Co. ("Essex"), Cambridge, Mass.

### 14537— Supports (Cask)

Girard Iron Works, 22d & Master, Phila., Pa.  
 Grimm Iron Works, Cincinnati, O.  
 Schreiber L. & Sons Co. (Adjustable), 3869 Ivanhoe, Cincinnati, O.

### 14538—Supports (Cross Arm)

Hallett Iron Works ("Hallett Steel Gains"), Harvey, Ill.  
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
*See adv index at end of book*

### 14539—Supports (Desk & Table)

Weber-Knapp Co., Jamestown, N. Y.

### 14540— Supports (Partition)

Auer John Jr. (Wrought), 197 Middleton, Brooklyn, N. Y.

### 14541— Supports (Porch)

Enterprise Hardware Mfg. Co., Frederick, Md.  
 Gray Iron Foundry Co. (Japanned), Cast Iron), Reading, Pa.  
 Indiana Hollow Ware Co. (Cast Iron Coppered), Jeffersonville, Ind.  
 Williams A. C. Co. (Japanned), Ravenna, Ohio

### 14542— Supports (Rein)

Frazer & Jones Co. (Hip Strap), Syracuse, N. Y.  
 Searls Mfg. Co., 29 Mulberry, Newark, N. J.

### 14543— Supports (Shelf)

Chicago Hardware Foundry Co. (Cast Iron), 546 W Washington, Chicago, Ill.  
 Coleman Hardware Co., 122 S Michigan av, Chicago, Ill.  
 Corbin P. & F., New Britain, Conn.

Grand Rapids Hardware Co., Grand Rapids, Mich.  
 Grey Iron Casting Co. (For Adjusting Shelves), Mt. Joy, Pa.  
 Hardware Supply Co., Grand Rapids, Mich.  
 Johnston J. D. (Shelf Pins), Newport, R. I.  
 Keystone Friction Hinge Co., Williamsport, Pa.  
 National Lock Co. (Library Bookcase, etc), Rockford, Ill.  
 Reading Hardware Co., Reading, Pa.  
 Sargent & Co., New Haven, Conn.  
 Stover Mfg. Co., Freeport, Ill.  
 Weber-Knapp Co. (Brass Plated), Jamestown, N. Y.

### 14544—Supports (Telegraph Poles)

Columbus Handle & Tool Co., Columbus, Ind.  
 Dicke Tool Co., Downers Grove, Ill.  
 Klein Mathias & Sons ("Klein's Metal"), 562 W Van Buren, Chicago, Ill.  
 Meckel Fred L., 11 E 13th, Chicago, Ill.  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Paul & Fulton ("Haggard"), 31 W Kinzie, Chicago, Ill.

### 14545—Supports (Wagon Tongue)

Harvey Spring & Forging Co. ("Lindquist"), Racine, Wis.

### 14546— Surcingles

Buffalo Weaving & Belting Co., Buffalo, N. Y.  
 Langstroth T. W., 77 Warren, New York

### 14547-8—Surfacers (Metal)

Peckham Mfg. Co. (For Dry Barrel Polishing), 244 South, Newark, N. J.  
 St. Louis Surfacers & Paint Co. ("Metal-steel"), Arlington & Terminal Belt Line, St. Louis, Mo.

### Surveyors' Instruments

See Engineering & Surveying Instruments

### 14549— Swabs (Molders')

Dobson William, Canastota, N. Y.

### 14550— Swage Blocks

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Fisher & Norris, Trenton, N. J.  
 Huntsville Foundry & Machine Co., Huntsville, Ala.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Indiana Foundry Co., Indiana, Pa.  
 Noyes B. B. & Co. ("Little Giant," also Combined Swage Blocks & Mandrels), Greenfield, Mass.  
 South Bend Foundry Co. (Cast Iron), South Bend, Ind.  
 Southern Skein & Foundry Co., Chattanooga, Tenn.  
 Swett A. L. Iron Works, Medina, N. Y.

### 14551— Swages (Saw)

Ajax Mfg. Co. ("Leslie," "Ibsen Bros."), 848 Jackson, Pittsburgh, Pa.  
 Atkins E. C. & Co. ("Victor"), Indianapolis, Ind.  
 Canton Saw Co., Canton O.  
 Covell Mfg. Co., Benton Harbor, Mich.  
 Crowell D. J., 61 Terrace, Buffalo, N. Y.  
 Disston Henry & Sons (Inc.), Tacony, Phila., Pa.  
 Emerson Smith & Co. (Solid Steel), Beaver, Pa.  
 Hanchett Swage Works (Adjustable Foot Circular Saws, etc), Big Rapids, Mich.  
 Hinds Thos. Co., Malone, N. Y.  
 Hoe R. & Co., 504 Grand, New York  
 Mixer J. W. Saw Tool Co. ("Mixer" Duplex Saw Tooth Swage), Plymouth, Mass.  
 Phoenix Mfg. Co. ("White" Phoenix"), Eau Claire, Wis.  
 Pribnow Swage & Tool Works ("Pribnow"), Mellen, Wis.  
 Rogers Samuel C. & Co., 10 Lock, Buffalo, N. Y.  
**SIMONDS MFG. CO.,** Fitchburg, Mass.  
*See adv index at end of book*  
 White A. E. Machine Works ("Champion"), Eau Claire, Wis.  
 Wright Chas. E. Co. (For Band Saws), Kenilworth, N. J.



**14552—Swages (Toe Calk)**

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

**14553—Swages (Top, Bottom, Etc.)**

Atha Tool Co., Chapel, Newark, N. J.  
Beall Bros., Alton, Ill.  
Champion Tool Co. ("Champion"), Meadville, Pa.  
Evansville Tool Works, Evansville, Ind.  
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.  
Iron City Tool Works (Ltd.) (Tin Plate, Cushion, Tire, Channel, Collar, etc), 3201 Smallman, Pittsburgh, Pa.  
Vaughan & Bushnell Mfg. Co. ("V. & B."), 2114 Carroll av, Chicago, Ill.

**14554—Sweaters, Cardigans, Etc.**

Albany Knitting Co., Albany, N. Y.  
Alberta Knitting Mills, Lena & Armat, Gtn., Phila., Pa.  
Albion Knit Goods Co., Utica, N. Y.  
Allen J. & B., 4980 Sheldon av, Phila., Pa.  
American Hosiery Co., New Britain, Conn.  
American Knitting Co., Waltham, Mass.  
American Knitting Co., Honesdale, Pa.  
American Knitting Mills, Central Trust bldg, Phila., Pa.  
Angora Knitting Mill, Detroit, Mich.  
Angora Specialty Co., 87 34th, Brooklyn, N. Y.  
Ascher Simon & Co., 390 4th av, New York  
Ashboyton Knitting Co., Shelburne Falls, Mass.  
Atlantic Knitting Mills, 1270 B'way, New York  
Augustine S. & Co., 352 4th av, New York  
Bailey Knitting Mills, Fort Plain, New York  
Ballard Knitting Co., Norristown, Pa.  
Bannister Geo. M. & Co., 3562 N Marshall, Phila., Pa.  
Bavaria Knitting Mills, 121 S Market, Chicago, Ill.  
Bell Knitting Co., 352 4th av, New York  
Bergman Knitting Mills, Osceola & Pastorius, Gtn., Phila., Pa.  
Berlin Knitting Co., Bangor, Me.  
Berlin Knitting Mills, 187 Broadway, Brooklyn, N. Y.  
Berwin Knitting Mills, 424 Bainbridge, Brooklyn, N. Y.  
Bitzer Chas. & Son, 2513 E Fletcher, Phila., Pa.  
Blauvelt Knitting Co., 280 Pine, Newark, N. J.  
Blepp Knitting Wks., 6824 Superior av, Cleveland, O.  
Boerum Knitting Mills, 80 Ten Eyck, Brooklyn, N. Y.  
Bower Knitting Co., Hawley, Pa.  
Bradley Knitting Co., Delavan, Wis.  
Brandt Wm. J., 41 W 21st, New York  
Breathwaite Wm., 4931 Germantown av, Gtn., Phila., Pa.  
Brown Knitting Co., Warsaw, N. Y.  
Byrne Thos. F., Phoenixville, Pa.  
Cache Knitting Works, Logan, Utah  
Canadian Knitting Mills, 86 Meserole, Brooklyn, N. Y.  
Capitol Knit Works, 745 De Kalb av, Brooklyn, N. Y.  
Central Knitting Co., 772 Madison, Brooklyn, N. Y.  
Chapman Knitting Mills, 68 E 131st, New York  
Chester Knitting Works, 2103 Pitkin av, Brooklyn, N. Y.  
Chicago Knitting Mills, 2103 Pitkin av, Brooklyn, N. Y.  
Claremont Knitting Co., 206 Stagg, Brooklyn, N. Y.  
Clinton Knitting Co., Clinton, N. Y.  
Coast Knitting Co., Woodbine, N. J.  
Colonial Knitting Mills, 291 Essex, Brooklyn, N. Y.  
Columbia Knitting Mills, 462 B'way, New York  
Columbia Knitting & Mfg. Co., 236 B'way, Milwaukee, Wis.  
Continental Knitting Mills, 860 Flushing av, Brooklyn, N. Y.  
Crescent Co., 53 E 21st, New York  
Crossingham Knitting Mills, 243 Ashmead, Phila., Pa.  
Direct Supply Co., 475 E 145th, New York  
Dornbaum Knitting Co., 3136 Lincoln av, Chicago, Ill.  
Draper Bros. Co., Canton, Mass.  
Dunham Mills, Hartford, Conn.  
Eagle Knitting Mills, 382 B'way, Milwaukee, Wis.

Eckert Knitting Mills, 923 20th av, N, Minneapolis, Minn.  
Elboeuf Knitting Co., Utica, N. Y.  
Ellery Knitting Mills, 251 Stockton, Brooklyn, N. Y.  
Empire Knitting Mills, 154 Whiting, Chicago, Ill.  
Empire Knitting Mills, 74 Richmond, Newark, N. J.  
Empire Knitting Works, 10 Varet, Brooklyn, N. Y.  
European Knitting Mills, 80 Manhattan av, Brooklyn, N. Y.  
Evans Chas. Jr., Needham Heights, Mass.  
Fain Knitting Mills, 902 Park av, Brooklyn, N. Y.  
Federal Knitting Mills Co., Detroit & W 29th, Cleveland, O.  
Fergus Falls Knitting Works, Fergus Falls, Minn.  
Fleischer Ernest Knitting Co., 379 11th av, Milwaukee, Wis.  
Florence Knitting Mills, Lehigh & Mutter, Phila., Pa.  
Franklin Knitting Mills, 511 E 72d, New York  
Friedman Blau Farber Co., Cleveland, O.  
Fromm S., 93 Underhill av, Brooklyn, N. Y.  
Fruchthendler L. & Co., 616 E 5th, New York  
Gantner & Mattern Co., Grant av & Post, San Francisco, Cal.  
Garon I., Duluth, Minn.  
Germania Knitting Works, 440 Canal, New York  
Gernshyn Hy. & Bro., 32 Stockton, Brooklyn, N. Y.  
Gibraltar Knitting Mills, 1010 W 12th, Chicago, Ill.  
Gilbert Knitting Co., Little Falls, N. Y.  
Goldsmith's P. Sons, John, Findlay & Charlotte, Cincinnati, O.  
Goodenow-Brookfield Knitting Co., 420 B'way, Kansas City, Mo.  
Gotham Knitting Mills, 30 W 21st, New York  
Graef Christ, 2261 N 2d, Phila., Pa.  
Grand Knitting Works, 868 Willoughby av, Brooklyn, N. Y.  
Great Western Knitting Co., 110 Buffalo, Milwaukee, Wis.  
Greaves Thos., 5241 Wakefield, Gtn., Phila., Pa.  
Green-Haas-Schwartz Co., Euclid av & E 57th, Cleveland, O.  
Hamburg Knitting Mills, 685 Park av, Brooklyn, N. Y.  
Hamilton Hosiery Mills, Hamilton, N. Y.  
Hamilton Knitting Mills, 70 3d, Brooklyn, N. Y.  
Harvard Knitting Mills, 19 E 24th New York  
Hatheway & Reynolds, Oriskany Falls, N. Y.  
Hellmer M., 311 Poplar, Phila., Pa.  
Hermanson Severin S., Marinette, Wis.  
Highland Knitting Mill Highland, N. Y.  
Highland Worsted Mills, Camden, N. J.  
Hitchcock & Curtiss Knitting Co., Hartford, Conn.  
Hoag C. F. Co., Poughkeepsie, N. Y.  
Houlton Woolen Mill, Houlton, Me.  
Hummel W. F. Knitting Works, 926 3d, Milwaukee, Wis.  
Hutton Mfg. Co., 44 N 3d, Phila., Pa.  
Hygienic Fleeced Underwear Co., 2415 N Howard, Phila., Pa.  
Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.  
Illinois Knitting Mills, 640 B'way, Brooklyn, N. Y.  
Imperial Knitting Co., 1075 3d, Milwaukee, Wis.  
Inland Knitting Works, Green Bay, Wis.  
Jersild Knitting Co., Neenah, Wis.  
Kaiser Knitting Works, 260 Stone av, Brooklyn, N. Y.  
Keefer & Maxwell, Camillus, N. Y.  
Keller Knitting Co., 1538 E 149th, Cleveland, O.  
Kenosha Knitting Co., Kenosha, Wis.  
Key E. H., Fort Hunter, N. Y.  
Keystone Underwear Co., Lititz, Pa.  
Kinderhook Knitting Co., Kinderhook, N. Y.  
Kingston Knitting Co., 37 Kingston, Boston, Mass.  
Knit Goods Mfg. Co., 142 Stockholm, Brooklyn, N. Y.  
L. & P. Knitting Co., Hawley, Pa.  
Lake Superior Knitting Works, Appleton, Wis.  
Lange Emil, 1256 Clybourne av, Chicago, Ill.  
La Tosca Knitting Company, Utica, N. Y.

Lenox Knitting Works, 400 Nostrand av, Brooklyn, N. Y.  
Levin Wm., 204 Canal, New York  
Levine & Co., 291 Essex, Brooklyn, N. Y.  
Lindloff H. C., Bennington, Vt.  
London Knitting Mills, 371 Quincy, Brooklyn, N. Y.  
Longisland Knitting Mills Co., 335 Throop av, Brooklyn, N. Y.  
Lorenz Knit Goods Mfg. Co., 237 S 5th av, Chicago, Ill.  
Lorio Jacob, Dedham, Mass.  
Lover Bros., 651 S 5th av, Chicago, Ill.  
Lowenthal Max & Sons, Rochester, N. Y.  
Maer Knitting Mills, 392 B'way, New York  
Malden Knitting Mills, Malden, Mass.  
Mansfield Jos. W., 1527 Ridge av, Phila., Pa.  
Marinette Knitting Mills, Marinette, Wis.  
Mendelson Hermon, 159 Court, Brooklyn, N. Y.  
Michigan Knitting Co., Lansing, Mich.  
Miehpaul Mfg. Co., Orchard & Trsdl, Phila., Pa.  
Minnesota Knitting Mills, 514 St. Peter, St. Paul, Minn.  
Model Knitting Works, Salt Lake City, Utah  
Model Mfg. Co., 442 B'way, New York  
Monarch Knitting Co., Buffalo, N. Y.  
Morgan Knitting Mills ("Veco"), 457 18th av, Newark, N. J.  
Muller Julius, 13 Bleecker, Brooklyn, N. Y.  
National Knitting Works, Randolph & Jefferson, Phila., Pa.  
National Knitting Works Co., 1967 E 57th, Cleveland, O.  
Nehrich R. B., 1260 B'way, Brooklyn, N. Y.  
Newark Knitting Works, 587 S 10th, New ark, N. J.  
New Way Knitting Co., Williamston, Mich.  
N. Y. Knitting Mills, 141 Wooster, New York  
Norfolk & New Brunswick Hosiery Co., New Brunswick, N. J.  
North American Knitting Mills, 435 B'way, Brooklyn, N. Y.  
Northern Knitting Mills, 57 W 19th, New York  
Northfield Knitting Co., Northfield, Minn.  
Northland Knitting Co., 1301 Central av, Minneapolis, Minn.  
North Pole Knitting Works, 182 2d av, New York  
Norwich Knitting Co., Norwich, N. Y.  
Nostrand Knitting Mills, 1287 Madison, Brooklyn, N. Y.  
Novelty Knitting Mills, 1015 Diamond, Phila., Pa.  
Nusbaum D. & Co., 341 5th av, New York  
Olympia Knitting Mills, 15 Mercer, New York  
Olympian Knit Goods Co., New Hartford, N. Y.  
Osborne Wm., 1118 W Montgomery av, Phila., Pa.  
Pacific Knitting Mills, Los Angeles, Cal.  
Pacific Knitting Mills, Seattle, Wash.  
Passaic Knitting Works, Garfield, N. J.  
Penna. Knitting Mills, 16th & Callowhill, Phila., Pa.  
Pfister J. J. Knitting Co., 114 Sansome, San Francisco, Cal.  
Pike John E., Mascher bl, York, Pa.  
Pioneer Knitting Co., 19 S 4th, Phila., Pa.  
Posern Herman, 1808 South, Phila., Pa.  
Preston Knitting Works, Preston, Idaho  
Progressive Knitting Works, 422 S 5th, Brooklyn, N. Y.  
Puritan Knitting Mills, 34 Orchard, New York  
Puritan Knitting Mills, Juniper & Vine, Phila., Pa.  
Quaker City Sweater Mills, Broad & Wallace, Phila., Pa.  
Rensselaer & Valatie Mills, Valatie, N. Y.  
Rex Knitting Co., Little Falls, N. Y.  
Rich N. J. Co., Euclid & E 61st, Cleveland, O.  
Richter Louis, 617 S 4th, Phila., Pa.  
Riehm Knitting Mills, Adams & Unity, Frankfort, Phila., Pa.  
Roff Underwear Co., Cohoes, N. Y.  
Roper Bros Co., Needham Heights, Mass.  
Rosen Knitting Mills, 441 Blake av, Brooklyn, N. Y.  
Royal Knitting Mills, 310 S Racine av, Chicago, Ill.  
Salt Lake Knitting Works, Salt Lake City, Utah  
Sand Jno. A., 2408 W Chicago av, Chicago, Ill.  
Saxony Knitting Co., Seattle, Wash.



Saxony Knitting Mills, Needham Heights, Mass.  
 Shoyer D. W. & Co., 30 Main, Brooklyn, N. Y.  
 Singer Knitting Mills, 251 Varet, Brooklyn, N. Y.  
 Society of Shakers, Enfield, N. H.  
 Spalding A. G. & Bros., 126 Nassau, New York  
 Specialty Knitting Works, 593 6th, Detroit, Mich.  
 Spicer John, 86 Woodbine, Brooklyn, N. Y.  
 Stall & Dean Mfg. Co., Brockton, Mass.  
 Standard Knitting Co., 2202 Superior av, N E, Cleveland, O.  
 Starr Hyman, 79 E 130th, New York  
 Starrels Morris & Co., 2122 E Dakota, Phila., Pa.  
 Sterling Knit Goods Co., Stiles, Boston, Mass.  
 Sterling Mills, Ilion, N. Y.  
 Strauss Knitting Mills, 3220 N Clark, Chicago, Ill.  
 Suffolk Knitting Co., E. Boston, Mass.  
 Sunset Knitting Co., 334 Sutter, San Francisco, Cal.  
 Superior Mfg. Co., Hoosick Falls, N. Y.  
 Swansdown Knitting Co., Hudson, N. Y.  
 Tally-Ho Knitting Co., East Douglas, Mass.  
 Thurman Mfg. Co., 427 Ashmead, Phila., Pa.  
 Treinis Bros., 126 13th, Brooklyn, N. Y.  
 Union Knitting Mills, 53 N 3d, Phila., Pa.  
 Union Knitting Mills Co., Logan, Utah  
 Union Knitting Works, 110 Thatford av, Brooklyn, N. Y.  
 Union Mills, Hudson, N. Y.  
 United Knitting Co., 42 N 6th, Phila., Pa.  
 Up-to-Date Knit Goods Co., 775 S 18th, Newark, N. J.  
 Vassar Knitting Works, Bay City, Mich.  
 Visor Knitting Mills, Niagara Falls, N. Y.  
 Waymart Knitting Mill, Waymart, Pa.  
 Webber Geo. F., Detroit, Mich.  
 Weiss J., 48 Mangin, New York  
 Wertheimer Bros., 159 Greene, New York  
 Western Knitting Mills, 231 Maujer, Brooklyn, N. Y.  
 Western Knitting Mills, 1121 S Halsted, Chicago, Ill.  
 Wexler Knitting Mills, 29 N 2d, Phila., Pa.  
 Whitman Bros., Little Falls, N. Y.  
 Williamsburg Knitting Mills, 20 Bogart, Brooklyn, N. Y.  
 Wisconsin Knitting Mills, Manitowoc, Wis.  
 Wye Geo. E. Co., Needham, Mass.  
 Wye Wm. H. & Co., Needham, Mass.  
 Yale Knitting Co., Malden, Mass.  
 Yale Knitting Mills, 514 B'way, New York  
 Yund, Kennedy & Yund, Amsterdam, N. Y.  
 Zimmerman C. Son Co., 70 Tuers av, Jersey City, N. J.  
 Zulu Knitting Co., Two Rivers, Wis.

#### 14555—Sweaters (Dog)

Braner Bros. Mfg. Co., 204 N 14th, St. Louis, Mo.

#### 14556—Sweepers (Carpet)

Bissell Carpet Sweeper Co. ("Bissell's," "Goshen"), Grand Rapids, Mich.  
 Curtis N. A. Mfg. Co., Columbus, O.  
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 Goshen Sweeper Co., Grand Rapids, Mich.  
 Metal Stampings Corp. ("Sterling," "Streator," "Eureka"), Streator, Ill.  
 National Sweeper Co. ("National," "Peerless"), Torrington, Conn.

#### 14557—Sweepers (Carpet, Vacuum)

See also Vacuum Cleaners, Hand & Power

Bissell Carpet Sweeper Co. ("Bissell's," "Goshen"), Grand Rapids, Mich.  
 Clements Mfg. Co. ("Cadillac"), 609 Fulton, Chicago, Ill.  
 Elite Vacuum Cleaner Mfg. Co. ("Elite"), Kesner bldg, Chicago, Ill.  
 Hoover Suction Sweeper Co. ("Hoover"), New Berlin, O.  
 Household Mfg. Co. ("Sunshine"), 1221 Filbert, Phila., Pa.  
 Lindstrom, Smith Co. ("White Cross"), 1110 S Wabash av, Chicago, Ill.  
 Peoria Can Co. ("Hoosier" Hand), Peoria, Ill.  
 Perkins Wilbur C. & Co. ("Perkins"), 1925 S Western av, Chicago, Ill.  
 Pneuvac Co. ("Sweeper-Vac"), 59 Temple pl, Boston, Mass.  
 Santo Vacuum Cleaner Co. ("Home"), 820 6th av, New York

United Vacuum Sweeper Co., 2445 W 19th, Chicago, Ill.  
 Wise Harrold Electric Co. ("Ohio Standard"), New Philadelphia, O.

#### Sweepers (Hand)

See Street Sweepers, Hand

#### 14558—Sweepers (Lawn)

Everwear Mfg. Co., Springfield, O.  
 Philadelphia Lawn Mower Co., 3107 Chestnut, Phila., Pa.

#### Sweepers (Street Railway)

See Street Railway Sweeping Machines

#### 14559—Swings (Barrel)

Leavitt Machine Co., Orange, Mass.  
 Penn Hardware Co. ("Boston" Adjustable), Reading, Pa.  
 Upton & Gilman Machine Co. ("Perfect"), Lowell, Mass.

#### 14560—Swings (Circle)

Federal Const. Co., 111 W Monroe, Chicago, Ill.

#### 14561—Swings (Lawn)

Austell Swing & Ladder Co., Austell, Ga.  
 Babcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.  
 Barley Thos. K. ("Sedalia," "Boss"), Sedalia, Mo.  
 Border City Industrial Co., Border City, N. Y.  
 Bristol & Gale Co., 158 Carroll av, Chicago, Ill.  
 Buch's A. Sons Co. ("Eagle," Steel Reclining & Adjustable Seat, etc), Elizabethtown, Pa.  
 Bushnell Tank Works ("Bushnell"), Bushnell, Ill.  
 Canfield H. C. ("Home Comfort" Lawn or Porch), Batesville, Ind.  
 Carriage & Toy Co., 741 W Lombard, Baltimore, Md.  
 Challenge Co. ("Peerless," "Monarch," "Fairy" & "Royal" Wood), Batavia, Ill.  
 Chattanooga Wheelbarrow Co., Chattanooga, Tenn.  
 Consolidated Pump Co., Toledo, O.  
 Crescent Mfg. Co., Louisville, Ky.  
 Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.  
 Dain Mfg. Co. ("Dain's Alaska"), Ottumwa, Ia.  
 Dowden Mfg. Co. (Ltd.), Prairie City, Ia.  
 Eureka Mower Co. ("Eureka"), 16 Hickory, Utica, N. Y.  
 Fairfield Lawn Swing Co. ("Fairfield"), Brunswick, Me.  
 Fleming & Sons Mfg. Co. ("Fleming"), Huntsville, Mo.  
 Florence Wagon Co., Florence, Ala.  
 Forbes Mfg. Co. ("Mogul"), Hopkinsville, Ky.  
 Fry Bros. Mfg. Co., Richmond, Ind.  
 Gem Mfg. Co., Nth., Girard, Pa.  
 Giant Mfg. Co., Council Bluffs, Ia.  
 Goshen Churn & Ladder Co. ("Winner," "Imperial," "No. 8," "Zephyr" & "Bonanza"), Goshen, Ind.  
 Goshen Mfg. Co., Goshen, Ind.  
 Grote F. Mfg. Co., Evansville, Ind.  
 Haggard & Marcusson Co. ("Comfort Swing Chair"), 1109 W 37th, Chicago, Ill.  
 Haish Jacob Co., DeKalb, Ill.  
 Hay Tool Mfg. Co. ("Iowa"), Council Bluffs, Ia.  
 Hayes Pump & Planter Co., Galva, Ill.  
 Kalamazoo Sled Co., Kalamazoo, Mich.  
 Keller Mfg. Co. ("Keller"), 1325 N E, Quincy, Minneapolis, Minn.  
 Kohler F. E. Co., Canton, O.  
 Lattimer W. H. & Sons, Orwell, N. Y.  
 Moulton C. W. H. Co. ("New England"), Somerville, Mass.  
 MYERS F. E. & BRO. ("Ashland" Low Down Roller), 800 Orange, Ashland, O.  
 See adv index at end of book  
 Noll Bros. & Smith ("Bausman"), Bausman, Pa.  
 North Vernon Lumber Co. (Telescopic Assembled Lawn & Autonote Porch), North Vernon, Ind.  
 Ohio Rake Co. ("Arctic"), Dayton, O.  
 Reed & Rogers Mfg. Co., Vernon, Ind.  
 St. Charles Net & Hammock Co. (Steel), St. Charles, Ill.  
 Sears A. H., Plano, Ill.  
 Sechler D. M. Implement & Carriage Co., Moline, Ill.

Smith Fence & Iron Co. (Steel), Waynesboro, Pa.  
 Southern Chair Co., High Point, N. Car.  
 Southern Plow Co. ("Perfection Hercules"), Columbus, Ga.  
 Specialty Mfg. Co. ("Columbia"), Titusville, Pa.  
 Superior Hay Stacker Mfg. Co. (Superior Horizontal), Linneus, Mo.  
 Superior Ladder Co., Goshen, Ind.  
 Thornburgh Mfg. Co. ("Ideal" Folding), Bowling Green, O.  
 Western Wheelbarrow Mfg. Co. ("Monarch"), So. Fort Smith, Ark.  
 Weston Paper & Mfg. Co. ("Premier" Swing & Hammock Combined), Dayton, O.  
 Williams Mfg. Co. ("So-Ezy"), Macon, Ga.  
 Young Bros. Co., Worcester, Mass.

#### 14562—Swings (Porch)

Baker J. R. & Sons Co. (Adjustable) ("Metal"), Kendallville, Ind.  
 Bent Rung Ladder & Mfg. Co., Indiana, Pa.  
 Bowser R. M. & Son, Renfrew, Pa.  
 Carriage & Toy Co., 741 W Lombard, Baltimore, Md.  
 Challenge Co., Batavia, Ill.  
 Consolidated Pump Co., Toledo, O.  
 Fold Easy House Mfg. Co., McClure, Pa.  
 Gem Mfg. Co., Nth., Girard, Pa.  
 Goshen Churn & Ladder Co., Goshen, Ind.  
 Grote F. Mfg. Co., Evansville, Ind.  
 Household Mfg. Co. (For Children), Royersford, Pa.  
 Hunt Spring Bed Co., Chattanooga, Tenn.  
 Martin & Heagy Mfg. Co., Elizabethtown, Pa.  
 Modern Mfg. Co. ("Little Giant," "Novelty"), Hagerstown, Md.  
 MYERS F. E. & BRO. ("Myers"), 800 Orange, Ashland, O.  
 See adv index at end of book  
 St. Charles Net & Hammock Co., St. Charles, Ill.  
 Specialty Mfg. Co., Titusville, Pa.  
 Standard Novelty Works, Duncannon, Pa.  
 Superior Ladder Co., Goshen, Ind.  
 United States Wire Mat Co. ("U. S."), Decatur, Ill.  
 Waddell Co., Greenfield, Ohio  
 Webb Mfg. Co., Brookville, Pa.

#### 14563—\*Switch Bars (Hard Fibre)

DELAWARE HARD FIBRE CO., Wilmington Del. Works: Marshallton, Del. See adv index at end of book  
 Spaulding J. & Sons Co., P. O. Box 52, Tonawanda, N. Y.  
 See adv index at end of book  
 WILMINGTON FIBRE SPECIALTY CO., Wilmington, Del.  
 See adv index at end of book

#### Switch Locks (Railway)

See Locks, Car & Switch

#### Switch Stands

See Switches, Switch Stands & Fixtures

#### 14564—\*Switchboard Details

WESTINGHOUSE ELECTRIC & MFG. CO., East Pittsburgh, Pa.

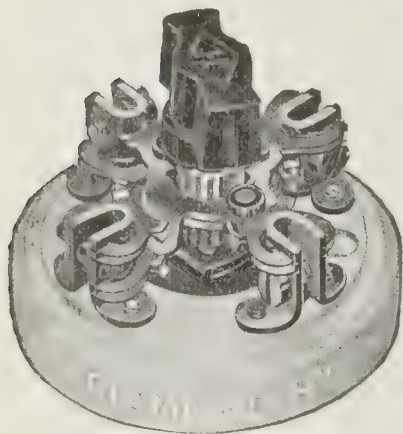
#### 14565—Switchboards (Light & Power)

Adam Frank Electric Co. ("F.-A."), 904-14 Pine, St. Louis, Mo.  
 Adams-Bagnall Electric Co., Cleveland, O.  
 Advance Electric & Mfg. Co., Kansas City, Mo.  
 ALLIS-CHALMERS MFG. CO., (Electric), Milwaukee, Wis.  
 See adv index at end of book  
 Anderson Albert & J. M. Mfg. Co., 289a Boston, Mass.  
 Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.  
 Bissell F. Co. ("Bissell"), Toledo, O.  
 Blake Electric Mfg. Co. ("Macfarlane"), 1 Rows wharf, Boston, Mass.  
 Butte Engineering & Elec. Co., 683 Howard, San Francisco, Cal.  
 Clark & Flanagan, Fair Haven, Vt.  
 Cleveland Switchboard Co., Cleveland, O.  
 Commercial Switchboard Mfg. Co., Denver, Colo.  
 Condit Electrical Mfg. Co. ("Condit" Alternating Current & Direct Current), 1st & L, Boston, Mass.  
 Crocker-Wheeler Co., Ampere, N. J.



# "DIAMOND H" SWITCHES

SEND FOR CATALOGUE



MANUFACTURED BY

**HART MANUFACTURING CO., Hartford, Conn.**



Crouse-Hinds Co., Syracuse, N. Y.  
Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.  
Cutter Geo. Co. ("McWilliams" Metering), South Bend, Ind.  
Drendell Electric & Mfg. Co., 169 Erie, San Francisco, Cal.  
Electrical Mfg. Co., 112 Hamilton av, Cleveland, O.  
Engberg Electrical & Mechanical Works, St. Joseph, Mich.  
Euclid Stone & Brick Co. ("Euclid" & High Resistance Oxydized Stone), Cleveland, O.  
Eynons-Evans Mfg. Co. ("White"), N 15th & Clearfield, Phila., Pa.  
Fisher Electrical Works, Detroit, Mich.  
Ft. Wayne Electric Works of General Electric Co., Ft. Wayne, Ind.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.  
Heinemann Geo., 500 Girard av, Phila., Pa.  
Hewitt & Warden, Newburgh, N. Y.  
Krantz Mfg. Co. ("Jones"), 160 7th, Brooklyn, N. Y.  
Lauson-Lawton Co., De Pere, Wis.  
Leonard-Bundy Elec. Co., Cleveland, O.  
McCarthy Bros. & Ford, Buffalo, N. Y.  
Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.  
Minnesota Electric Co., 309 2d av, S, Minneapolis, Minn.  
Monson Maine Slate Co. (Slate), 112 Water, Boston, Mass.  
Mutual Electric & Machine Co. ("Bulldog" A. C. & D.), 232 Fort, W, Detroit, Mich.  
Newgard Henry & Co., 947 Washington Blvd, Chicago, Ill.  
Nyelec Switchboard Co., 422 E 53d, New York  
O'Day Bros. (Slate), Hydesville, Vt.  
Penn. Electrical & Mfg. Co., Irwin, Pa.  
Penrhyn Slate Co. (Slate), Hydesville, Vt.  
Phila. Elec. Const. Co., Heed bl., Phila., Pa.  
Pittsburgh Elec'l & Mach. Wks., Barker pl, Pittsburgh, Pa.  
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.  
*See adv index at end of book*  
Post-Glover Electric Co., Cincinnati, O.  
Pringle Elec'l Mfg. Co., 1906 N 6th, Phila., Pa.  
Robb & Blackmer, 129 Pearl, Boston, Mass.  
Sackett H. I. Elec. Co., 256 Pearl, Buffalo, N. Y.  
Sackett Mine Supply Co., 162 N 3d, Columbus, O.  
Schaefer Bros. Co., 1059 W 11th, Chicago, Ill.  
Stecker Elec. & Machine Co., Detroit, Mich.  
Steele W. M., Worcester, Mass.  
Superior Electric Mfg. Co., 2416 University av S E, Minneapolis, Minn.  
Tanner Wm. F. & Co., 329 N Calvert, Baltimore, Md.  
Taunton-New Bedford Copper Co., Taunton, Mass.  
Triumph Electric Co., Oakley, Cincinnati, O. *See adv index at end of book*  
Troy Electrical Co., Troy, N. Y.  
Trumbull Electric Mfg. Co. ("Trumbull"), Plainville, Conn.

Vermont Unfading Green Slate Co. (Slate), Fair Haven, Vt.  
Walker Electric Co. (Slate & Marble), 2337 Callowhill, Phila., Pa.  
Walls, Owen & Sanbach Co. (Soapstone), 11th & Hamilton, Phila., Pa.  
Wesco Supply Co. ("Davis"), 7th & Clark av, St. Louis, Mo.  
Western Electric Co., 463 West, New York  
Western Insulation Co., 614 W Adams, Chicago, Ill.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
Worcester Electric & Mfg. Co. ("Worcester"), Worcester, Mass.  
Wurdack Wm. Elec. Mfg. Co., 21 11th, St. Louis, Mo.

## 14566—Switchboards (Telephone)

*See also Telephones & Apparatus*  
American Electric Co. ("America," "1900," "Express," "Burns"), 6401 State, Chicago, Ill.  
Andrae Julius & Sons Co., 362 B'way, Milwaukee, Wis.  
Automatic Appliance Co., 172 Columbus av, Boston, Mass.  
Automatic Electric Co., 1001 W Van Buren, Chicago, Ill.  
B. R. Electric & Telephone Mfg. Co., Kansas City, Mo.  
Century Telephone Const. Co., Buffalo, N. Y.  
Chicago Telephone Supply Co., Elkhart, Ind.  
Clark & Flanagan, Fair Haven, Vt.  
Connecticut Telephone & Electric Co. (Inc.), Meriden, Conn.  
Couch S. H. Co., 170 Purchase, Boston, Mass.  
Ericsson Mfg. Co., Buffalo, N. Y.  
Farr Telephone & Const. Supply Co., 112 N 5th av, Chicago, Ill.  
Garl Electric Co., Akron, O.  
Hipwell Mfg. Co., 831 W North av, Pittsburgh, Pa.  
Holtzer-Cabot Electric Co., Brookline, Mass.  
Kellogg Switchboard & Supply Co. ("Express"), 1066 W Adams, Chicago, Ill.  
Lafayette Electric & Mfg. Co., Lafayette, Ind.  
Leich Electric Co., Genoa, Ill.  
Loeffler Louis J., 20 Fulton, New York  
Long Distance Telephone Mfg. Co., South Bend, Ind.  
Menominee Elec. Mfg. Co., Menominee, Mich.  
Minnesota Electric Co., 309 2d av, S, Minneapolis, Minn.  
Monarch Telephone Mfg. Co., Ft. Dodge, Iowa  
North Electric Co. (Automanual), Galion, O.  
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.  
*See adv index at end of book*  
Russell Electric Co., Danbury, Conn.  
Stanley & Patterson Inc., 23 Murray, New York  
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
Utica Fire Alarm Telegraph Co., Utica, N. Y.  
Western Electric Co., 463 West, New York  
Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
Wilhelm Telephone Mfg. Co., Buffalo, N. Y.

## 14567—Switchboards (Theatre)

Adam Frank Electric Co. ("F. A."), 904-14 Pine, St. Louis, Mo.  
Advance Electric & Mfg. Co., Kansas City, Mo.  
Bissell F. Co., Toledo, O.  
Clark & Flanagan, Fair Haven, Vt.  
Mutual Electric & Machine Co., 232 Fort W., Detroit, Mich.  
Portland-Monson Slate Co. ("Monson" Slate), Portland, Me.  
*See adv index at end of book*  
Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.  
Steele W. M., Worcester, Mass.  
Superior Electric Mfg. Co., 2416 University av, S E, Minneapolis, Minn.  
Universal Elec. Stage Lighting Co. ("Kliegl"), 240 W 50th, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
Worcester Electric & Mfg. Co., Worcester, Mass.

## 14568—\*Switches (Air Brake)

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

## 14569—Switches (Automatic)

Allen-Bradley Co. ("Allen-Bradley" Electrically Operated), 495 Clinton, Milwaukee, Wis.  
Automatic Switch Co. ("Whittingham" Quick Break Tank Switch, etc), 4 White, New York  
Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.  
Chicago Automatic Switch Co. (Bilge & Condensation Pump Float), 212 Peoria Chicago, Ill.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
Worcester Electric & Mfg. Co. (Storage Battery), Worcester, Mass.

## 14570—Switches (Automatic Door)

Arrow Electric Co. ("Arrow E."), Hartford, Conn.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
Cutter Electrical & Mfg. Co., 1th & Hamilton, Phila., Pa.  
Edwards & Co. ("Lungen," "Eco."), Exterior av, & 140th, New York  
**HART MFG. CO.** ("Diamond H."), 231 Hamilton, Hartford, Conn.  
*See adv index at end of book*  
Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.



**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.  
*See adv index at end of book*  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Sechrist A. Mfg. Co., Denver, Colo.

### 14571—Switches (Automatic Railroad)

Bethlehem Steel Co., So. Bethlehem, Pa.  
 N. Y. Switch & Crossing Co., Hoboken, N. J.  
 Ramapo Iron Works, Hilburn, N. Y.  
 United States Electric Signal Co. ("American" Automatic Electric Track), West Newton, Mass.  
 Wharton Wm. Jr. & Co. Inc., Easton, Pa.

### 14572—Switches (Automatic & Remote Control)

Anderson Albert & J. M. Mfg. Co., 289A, Boston, Mass.  
 Roller-Smith Co. ("Roller-Smith"), 233 B'way, New York  
 Twinvolute Pump & Mfg. Co., 55 William, New York

### 14573—Switches (Automobile)

American Coil Co. (Electric), Foxboro, Mass.  
 Chicago Electric Mfg. Co. ("Habdy"), 2817 S Halsted, Chicago, Ill.  
 Clum Mfg. Co., Montgomery bldg, Milwaukee, Wis.  
 Connecticut Telephone & Electric Co. (Inc.) (Electric), Meriden, Conn.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Dayton Electrical Mfg. Co., Dayton, O.  
 Edwards & Co. (Electric), Exterior & 140th, New York  
 Eldredge Electric Mfg. Co. (Electric), Springfield, Mass.  
**HART MFG. CO.** ("Diamond H." Lighting & Starting), 231 Hamilton, Hartford, Conn. *See adv index at end of book*  
 Hart & Hegeman Mfg. Co. ("H. & H." Electric), Hartford, Conn.  
 Hartman Electrical Mfg. Co., Mansfield, O.  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
 Leece-Neville Co., Cleveland, O.  
 McKibben G. N. (Electric), South Norwalk, Conn.

**MORSE FRANK W.**, 293 Congress, Boston, Mass.  
*See adv index at end of book*  
 Mutual Electric & Machine Co. (Self Starting), 232 Fort W., Detroit, Mich.  
 North East Electric Co., Rochester, N. Y.  
 O'Brien Jos. F. Mfg. Co., 391 B'way, New York  
 Perfection Supply Co. (Electric), 98 Park pl, New York  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Pittsfield Spark Coil Co. (Electric & Lock), Pittsfield, Mass.  
 Seidler-Miner Co. (Electric), Detroit, Mich.  
 Trumbull Electric Mfg. Co. (Electric), Plainville, Conn.  
 Utility Co. (Electric), 636 W 44th, New York  
 Weeber C. F. Mfg. Works (Electric), Albany, N. Y.

### 14574—Switches (Automobile Lighting)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.  
*See adv index at end of book*

### 14575—Switches (Battery)

Connecticut Electric Mfg. Co., Bridgeport, Conn.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Dow Mfg. Co., Braintree, Mass.  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
 Knoblock-Heideman Mfg. Co., South Bend, Ind.

**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.  
*See adv index at end of book*  
 Reliable Electric Co. ("Acme"), 411 S Sangamon, Chicago, Ill.  
 Trumbull Electric Mfg. Co., Plainville, Conn.

### 14576—Switches (Canopy)

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Pass & Seymour, Solvay, N. Y.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 14577—Switches (Ceiling)

Bryant Electric Co., Bridgeport, Conn.  
 Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.  
 Leveridge Chas. W. ("L. & L."), 133 Liberty, New York  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Sorensen P., 18 Dunham pl, Brooklyn, N. Y.  
 Waldman Jno. J., 136 Liberty, New York

### 14578—Switches (Coil)

American Coil Co. ("American" for Dash Coils & Marine Works), Foxboro, Mass.  
 Connecticut Telephone & Electric Co., Meriden, Conn.  
 Pittsfield Spark Coil Co., Pittsfield, Mass.

### 14579—Switches (Combination & Cut-out)

Barkeley Electric Mfg. Co., Middletown, Ohio  
 Bryant Electric Co., Bridgeport, Conn.  
 Chicago Fuse Mfg. Co., 1014 W Congress, Chicago, Ill.  
 Connecticut Electric Mfg. Co., Bridgeport, Conn.  
 Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.  
 D. & W. Fuse Co., Hathaway, Providence, R. I.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Heinemann Geo., 500 W Girard av, Phila., Pa.  
 Matthews W. N. & Bro. (Fused), 3722 Forest Park blvd, St. Louis, Mo.  
 Mutual Electric & Machine Co. (Cut Out), 232 Fort W., Detroit, Mich.  
 Paiste H. T., 3201 Arch, Phila., Pa.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Trumbull Elec. Mfg. Co., Plainville, Conn.  
 Worcester Electric & Mfg. Co., Worcester, Mass.

### 14579a—Switches (Control)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.  
 South Bend Current Control Co. ("R. C. O. C." Oil Circuit), South Bend, Ind.

### Switches (Derailing)

*See Derailleurs*

### 14580—Switches (Disconnecting)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Anderson Albert & J. M. Mfg. Co., 289A, Boston, Mass.  
 Bowle Switch Co., Nevada Bank bldg, San Francisco, Cal.  
 Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.  
 Cuthbert Electrical Mfg. Co., 727 Fulton, Chicago, Ill.  
 Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.  
 Detroit Fuse & Mfg. Co. (Fuse Switch Boxes), 1400 Rivard, Detroit, Mich.  
 D. & W. Fuse Co., Hathaway, Providence, R. I.  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
 Empire Electric & Mfg. Co., Plainville, Conn.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 G. & W. Electric Specialty Co., 7440 S Chicago av, Chicago, Ill.

Johns H. W.-Manville Co., Madison av & 41st, New York  
 Kelman Electric & Mfg. Co., Los Angeles, Cal.  
 Lord Mfg. Co. ("Leco"), 105 W 40th, New York  
 Matthews W. N. & Bro. (Fused), 3722 Forest Park blvd, St. Louis, Mo.  
 Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.  
 Schweitzer & Conrad Inc., 4431 Ravenswood av, Chicago, Ill.  
 States Electric Co., 622 W Adams, Chicago, Ill.  
 Trumbull Elec. Mfg. Co., Plainville, Conn.  
 Worcester Electric & Mfg. Co., Worcester, Mass.

### 14581—\*Switches (Electric Disconnecting)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*

### 14582—\*Switches (Electric Oil)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*

### 14583—\*Switches (Fixture)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

### 14584—\*Switches (Float, Electric)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
**GENERAL ELECTRIC CO.** (Industrial Control), Schenectady, N. Y.  
*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 14585—Switches (Flush, Push Button)

Arrow Electric Co. ("Arrow"), Hartford, Conn.  
 Chelton Electric Co. ("Chelton," Shallow Push), Armat & Heiskel, Gtn, Phila., Pa.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Cutter Electrical & Mfg. Co. ("I. S. F."), 501 N 19th, Phila., Pa.  
**GENERAL ELECTRIC CO.** ("Geco" Rostettes & Switches), Schenectady, N. Y.  
*See adv index at end of book*  
 Hart & Hegeman Mfg. Co. ("H. & H." "Nutmeg"), Hartford, Conn.  
 Metropolitan Electric Mfg. Co. ("Metropolitan" Detachable Flush), 14th Long Island City, N. Y.  
**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.  
*See adv index at end of book*

### 14586—Switches (Fused Service)

Detroit Fuse & Mfg. Co. ("Detroit," Iron Clad), 1400 Rivard, Detroit, Mich.  
 Eynons-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 14587—Switches (High Voltage)

Clark Elec. & Mfg. Co., 149 B'way, New York  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
 Eureka Co., North East Pa.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Schweitzer & Conrad Inc., 4431 Ravenswood av, Chicago, Ill.  
 Walker Electric Co., 2337 Callowhill, Phila., Pa.  
**WESTINGHOUSE ELECTRIC & MFG CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

### 14588—Switches (Horn)

**MORSE FRANK W.** ("Jost-Horn"), 29 Congress, Boston, Mass.  
*See adv index at end of book*



**Switches (Industrial Railway)**

See Railways, Industrial &amp; Portable

**14589—Switches (Interlocking)**

American Valve & Meter Co., Cincinnati, O.  
 Cleveland Frog & Crossing Co., Cleveland, Ohio  
 Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.  
**UNION SWITCH & SIGNAL CO., THE**, Swissvale, Pa.  
 Wharton Wm. Jr. & Co. Inc., Easton, Pa.

**14590— Switches (Knife)**

Adam Frank Electric Co. (Type A. B. F.), 904-14 Pine, St. Louis, Mo.  
 Anderson Albert & J. Mfg. Co., 289 A, Boston, Mass.  
 Banner Electric Wks. of G. E. Co., Youngstown, O.  
 Barkelew Elec. Mfg. Co. ("Barkelew" 30 to 2,00 Amperes, "Star," 3 to 600 Amperes), Middletown, O.  
 Bissell F. Co., Toledo, O.  
 Blake Electric Mfg. Co. ("Macfarlane"), 1 Rowes Wharf, Boston, Mass.  
 Brady Electric Mfg. Co., New Britain, Conn.  
 Bryant Electric Co., Bridgeport, Conn.  
 Cleveland Switchboard Co., Cleveland, O.  
 Columbia Metal Box Co., 226 E 144th, New York  
 Connecticut Electric Mfg. Co., Bridgeport, Conn.  
 Consolidated Car Heating Co. (For Car Heat, Light "Quick Brake"), Albany, N. Y.  
 Crescent Electric & Mfg. Co., 3515 Penn av, Pittsburgh, Pa.  
 Crocker-Wheeler Co. ("Remek"), Ampere, N. J.  
 Crouse-Hinds Co. (Alsa Radial), Syracuse, N. Y.  
 Cuthbert Electrical Mfg. Co., 725 Fulton, Chicago, Ill.  
 Cutter Geo. Co. ("Paragon," "F. F.," "Universal"), South Bend, Ind.  
 Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
 Empire Electric & Mfg. Co., Plainville, Conn.  
 Erner Electric Co., St. Clair av & E 2nd, Cleveland, O.  
 Eynons-Evans Mfg. Co. ("White"), N 15th & Clearfield, Phila., Pa.  
**GENERAL ELECTRIC CO.**, Schenectady N. Y. *See adv index at end of book*  
 Heinemann Geo., 500 W Girard av, Phila., Pa.  
 Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.  
 Lemke Electric Co., 509 Cedar, Milwaukee, Wis.  
 Leonard-Bundv Electric Co., Cleveland, O.  
 Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.  
 Manhattan Electrical Supply Co., 17 Park pl, New York  
 Menominee Electric Mfg. Co. ("Davis"), Menominee, Mich.  
 Metropolitan Electric Mfg. Co. ("Metropolitan"), 14th, Long Island City, N. Y.  
 Milwaukee Vault & Electric Cabinet Box Co., 521 Market, Milwaukee, Wis.  
 Mutual Electric & Machine Co. ("Bulldog" All Copper), 232 Fort, W. Detroit, Mich.  
 New Haven Electric Mfg. Co., New Haven, Conn.  
 Novelty Electric Co., 50 N 4th, Phila., Pa.  
 Paiste H. T. Co., 3201 Arch, Phila., Pa.  
 Parke Jno. Y. & Co., 29 N 7th, Phila., Pa.  
 Penn Electrical & Mfg. Co., Irwin, Pa.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
 Peru Electric Co., Peru, Ind.  
 Pittsburgh Electrical & Machine Works, Barker pl, Pittsburgh, Pa.  
 Post-Glover Electric Co., 314 W 4th, Cincinnati, O.  
 Pringle Electrical Mfg. Co., 1906 N 6th, Phila., Pa.  
 P. R. Mfg. Co., Detroit, Mich.  
 Reliable Electric Co., 411 S Sangamon, Chicago, Ill.  
 Rohn Geo. F., 446 E Water, Milwaukee, Wis.  
 Springfield Electric Co., Springfield, Mass.  
 Steele W. M., Worcester, Mass.

Tanner Wm. F. & Co., 329 N Calvert, Baltimore, Md.  
 Taunton-New Bedford Copper Co., Taunton, Mass.  
 Trio Mfg. Co., Rock Island, Ill.  
 Troy Electrical Co., Troy, N. Y.  
 Trumbull Electric Mfg. Co. ("Trumbull," Also Baby Knife), Plainville, Conn.  
 Walker Electric Co., 2337 Callowhill, Phila., Pa.  
 Wesco Supply Co. ("Davis"), 7th & Clark av, St. Louis, Mo.  
 Western Electric Co., 463 West, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
 Worcester Electric & Mfg. Co. ("Worcester"), Worcester, Mass.  
 Wurdack Wm. Electric Mfg. Co., 21 11th, St. Louis, Mo.

**14591— \*Switches (Lever)**

**GENERAL ELECTRIC CO.**, Schenectady N. Y. *See adv index at end of book*  
**MORSE FRANK W.** ("Keystone," "Harwood," "Handy"), 293 Congress, Boston, Mass.  
*See adv index at end of book*

**14592— \*Switches (Limit)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14593— Switches (Magnetic)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
**HART MFG. CO.** ("Diamond H," Remote Control), 231 Hamilton, Hartford, Conn. *See adv index at end of book*  
 Palmer Electric Mfg. Co., 60 K, Boston, Mass.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14594— \*Switches (Master)**

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

**14595—\*Switches (Motor Starting)**

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14596—Switches (Oil Break)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Anderson Albert & J. M. Mfg. Co. (Time), 289 A, Boston, Mass.  
 Campbell Electric Co. (Automatic), 17 Stewart, Lynn, Mass.  
 Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Kelman Electric & Mfg. Co., Los Angeles, Cal.  
 Mutual Electric & Machine Co. ("Bulldog"), 232 Fort, W. Detroit, Mich.  
 Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
 Worcester Electric & Mfg. Co., Worcester, Mass.

**14597—\*Switches (Overhead)**

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14598— Switches (Pendant)**

Arrow Electric Co. ("Arrow"), Hartford, Conn.

Benjamin Electric Mfg. Co., 188 S Sangamon, Chicago, Ill.  
 Bryant Electric Co. ("Bryant"), Bridgeport, Conn.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 G. & W. Specialty Co., 7440 S Chicago, Chicago, Ill.  
 Hart & Hegeman Mfg. Co. ("H. & H."), Hartford, Conn.  
 Hubbell Harvey (Chain Pull), Bridgeport, Conn.  
 Pass & Seymour ("P. & S."), Solvay, N. Y.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

**14599— Switches (Plug)**

**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.  
*See adv index at end of book*  
 Motsinger Device Mfg. Co. ("Motsinger Faultless"), Lafayette, Ind.

**14600— Switches (Poletop)**

Delta-Star Electric Co., 2437 Fulton, Chicago, Ill.  
 Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.

**Switches (Push Button)**

See Switches, Snap &amp; Push

**14601—Switches (Reversing Motor)**

Automatic Switch Co. ("Whittingham," for Elevators, etc), 4 White, New York  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*  
**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**HART MFG. CO.** ("Diamond H."), 231 Hamilton, Hartford, Conn.  
*See adv index at end of book*  
 Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14602—\*Switches (Rotary Flush & Push Button)**

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**HART MFG. CO.** ("Diamond H"), 231 Hamilton, Hartford, Conn.  
*See adv index at end of book*

**14603—Switches (Signal or Target)**

Columbia Machine Works & Malleable Iron Co. ("Columbia" for Electric Ry. Service), Atlantic av & Chestnut, B'klyn, N. Y.

**14604—Switches (Snap, Ordinary)**

Arrow Electric Co. ("Arrow"), Hartford, Conn.  
 Bryant Electric Co., Bridgeport, Conn.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
**HART MFG. CO.** ("Diamond H"), 231 Hamilton, Hartford, Conn.  
*See adv index at end of book*  
 Hart & Hegeman Mfg. Co. ("H. & H.," "Hart"), Hartford, Conn.  
 Perkins Electric Switch Mfg. Co., Bridgeport, Conn.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14605—Switches (Snap & Push)**

Arrow Electric Co. ("Arrow E," Push), Hartford, Conn.  
 Austin M. B. & Co. (Push), 706 W. Jackson blvd, Chicago, Ill.  
 Bryant Electric Co. ("Bryant," Snap & Push), Bridgeport, Conn.  
 Chelton Electric Co. (Push Button), Heiskel Armat, Phila., Pa.  
 Cowles C. & Co. (Push Button), New Haven, Conn.  
**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*



Cutter Electrical & Mfg. Co., 501 N 19th, Phila., Pa.  
 Flint Electric & Mfg. Co. (Snap & Push), 1402 Delgany, Denver, Colo.  
 Fowler Lamp & Mfg. Co. ("Fowler" Push for Motor Cars & Boats), 59 E 24th, Chicago, Ill.

**GENERAL ELECTRIC CO.** (Flush Type Push, also Locking Type; Flush & Surface Type, 3 Circuit Snap), Schenectady, N. Y. *See adv index at end of book*

**HART MFG. CO.** ("Diamond H." Push Button), 231 Hamilton, Hartford, Conn. *See adv index at end of book*

Hart & Hegeman Mfg. Co. ("H. & H." "Nutmeg"), Hartford, Conn.

Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.

**MORSE FRANK W.** ("Morse"), 293 Congress, Boston, Mass.

*See adv index at end of book*

Perkins Electric Switch Mfg. Co. (Snap & Push Button), Bridgeport, Conn.

Sundh Electric Co., 550 W 23d, New York

Trumbull Electric Mfg. Co. ("T." Rotary Snap), Plainville, Conn.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

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#### 14606—Switches (Solenoid)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.

*See adv index at end of book*

Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.

#### 14607—\*Switches (Solenoid Operated)

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

#### 14608—Switches (Split)

Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.

Buda Co., Railway Exch. bldg, Chicago, Ill.

### THE CINCINNATI FROG & SWITCH CO.

Cincinnati, Ohio

Cleveland Frog & Crossing Co. ("The Lucas"), Cleveland, O.

Easton Car & Construction Co., 4th st, Easton, Pa.

Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.

Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.

Pettibone, Mulliken & Co. ("Transit" "Gauge" & "Channel"), 140 S Dearborn, Chicago, Ill.

Ramapo Iron Works, Hillburn, N. Y.

**WHARTON WM. JR. & CO. INC.** (Plain & "Tisco" Manganese Steel Tipped), Easton, Pa.

#### 14609—\*Switches (Sugar Beet, Cane)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

#### 14610—Switches, Switch Stands & Fixtures

*See also Frogs, Switches & Crossings; also Crossings; also Signals*

Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.

American Frog & Switch Co., Hamilton, O.

American Valve & Meter Co. ("Anderson" Interlocking Switch Stands, & "Economy," "Anderson" Quick Repair, "Anderson" Safety Switch Lock Switch Stands), Cincinnati, O.

Atlas Railway Supply Co. ("Atlas"), 431 S Dearborn, Chicago, Ill.

Bethlehem Steel Co., So. Bethlehem, Pa.

Buda Co., Railway Exchange bldg, Chicago, Ill.

Chattanooga Car & Foundry Co., Chattanooga, Tenn.

### THE CINCINNATI FROG & SWITCH CO.

(For Standard & Narrow Gauge Tracks), Cincinnati, O.

Cleveland Frog & Crossing Co. ("The Lucas"), Cleveland, O.

Cleveland Railway Supply Co. ("Odenkirk," "Miller," "Switchstands"), Cleveland, O.

Conley Frog & Switch Co., Memphis, Tenn.

**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.

Elliott Frog & Switch Co., 301 S Main, East St. Louis, Ill.

Federal Signal Co., Albany, N. Y.

Frog, Switch & Mfg. Co., Carlisle, Pa.

Hunt C. W. Co., West New Brighton, N. Y.

*See adv index at end of book*

Indianapolis Switch & Frog Co., Springfield, O.

Kilby Frog & Switch Co., Birmingham, Ala.

Light Railway Equipment Co., 526 Commercial Trust bldg, Phila., Pa.

Lorain Steel Co., Johnstown, Pa.

McMyer-Interstate Co. (Switch Stands & Fixtures Only), Bedford, O.

Morden Frog & Crossing Works, ("Union") 208 S La Salle, Chicago, Ill.

New York Switch & Crossing Co., Hoboken, N. J.

### ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco.

Pettibone, Mulliken & Co. ("Banner," "Globe," "Crown," "Axel," "Hub" & "Box" Switch Stands), 140 S Dearborn, Chicago, Ill.

Railway & Industrial Engineering Co., People Bank bldg, Pittsburgh, Pa.

Ramapo Iron Works ("Ramapo"), Hillburn, N. Y.

St. Louis Frog & Switch Co., Chemical bldg, St. Louis, Mo.

Signal Accessories Co., Utica, N. Y.

**TURL IRON & CAR CO. (INC.) THE**, 50 Broad, New York. Works: Newburgh, N. Y.

Weir Frog Co., Cincinnati, O.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

**WHARTON WM. JR. & CO. INC.** ("W-J" & Others), Easton, Pa.

#### 14610a—Switches (Synchronizing)

Condit Electrical Mfg. Co. ("Condit"), 1st & L, Boston, Mass.

#### 14611—Switches (Tank)

Chicago Pump Co., 908 W Lake, Chicago, Ill.

**CUTLER-HAMMER MFG. CO.** (automatic), 1200 St. Paul av, Milwaukee, Wis.

*See adv index at end of book*

**ELECTRIC CONTROLLER & MFG. CO.**, Cleveland, O. *See adv index at end of book*

Electrical Repair Co., 548 W 23d, New York

Irish W. F. Electric Supplies ("Shamrock"), 19 W 36th, New York

Jarvis Engine & Machine Works, Lansing, Mich.

Kewanee Private Utilities Co., West Side, Kewanee, Ill.

Monitor Controller Co., 514 E Lombard, Baltimore, Md.

Sundh Electric Co., 550 W 23rd, New York

Twinvolute Pump & Mfg. Co., 55 William, New York

Waldman Jno. J., 136 Liberty, New York

Weir Frog Co., Cincinnati, O.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

#### 14612—Switches (Theatre)

Adam Frank Electric Co., 904-14 Pine, St. Louis, Mo.

Crouse-Hinds Co., Syracuse, N. Y.

Palmer Electric & Mfg. Co., 60 K, Boston, Mass.

Trumbull Electric Mfg. Co., Plainville, Conn.

#### 14613—Switches (Time, Automatic)

Anderson Albert & J. M. Mfg. Co. ("Anderson"), 289 A, Boston, Mass.

A. & W. Electric Sign Co., Cleveland, O.

Ballou Hutchins Electric Co., Providence, R. I.

Betts & Betts Corp., 513 W. 42d, New York

Bissell F. & Co. ("Security"), Toledo, O.

Campbell Electric Co. ("Campbell"), 17 Stewart, Lynn, Mass.

Central Burglar Alarm Co., 501 Rush, Chicago, Ill.

Chicago Electric Time Switch Co. ("Aristo"), 5128 Prairie, Chicago, Ill.

Cleveland Dental Supply Co. ("Chappel"), Rose bldg., Cleveland, O.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Hartford Time Switch Co. ("Hartford"), 71 Murray, New York

Jarvis Engine & Mach. Works, Lansing, Mich.

Kennedy-Webster Co. ("Commonsense"), 536 S Clark, Chicago, Ill.

McGill Mfg. Co. ("Crescent"), 77 Oak, Valparaiso, Ind.

*See adv index at end of book*

Macalaster-Wiggin Co., 66 Broadway, Boston, Mass.

Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York

Minerallic Electric Co. (Motor Ground), 1045 Washington blvd, Chicago, Ill.

National Time Switch Co., South Bend, Ind.

Paragon Electric Co., 9 S Clinton, Chicago, Ill.

Sorensen P., 18 Dunham pl, B'klyn, N. Y.

Taylor Wm. ("Williams"), 203 B'way, New York

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

#### 14614—Switches (Track, Street Railway)

Cincinnati Frog & Switch Co., Cincinnati, O. *See adv index at end of book*

Squires C. W. Mfg. Co. (Electric), Beverly, Mass.

**WHARTON WM. JR. & CO. INC.** (Solid "Tisco" & "Tisco" Manganese Steel Centre Tongue Switches of "H. C. B." & "H. T." Designs), Easton, Pa.

#### 14615—Switches (Trolley)

Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y.

*See adv index at end of book*

Railway Materials Co. ("Ryhmco"), Railway Exch. bldg, Chicago, Ill.

Sackett Mine Supply Co., Columbus, O.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

#### 14616—\*Switches (Tumbler)

**GENERAL ELECTRIC CO.** (Flush & Surface Types), Schenectady, N. Y.

*See adv index at end of book*

#### Switches & Turn Tables (Mine)

*See Railways, Industrial & Portable*

#### 14617—Switches & Frogs (Safety)

Ramapo Iron Works ("Mac Pherson"), Hillburn, N. Y.

#### 14618—Swivels

Bethlehem Steel Co., So. Bethlehem, Pa.

Bridgeport Chain Co., Bridgeport, Conn.

Brooks M. S. & Sons (Solid Flat, Nickle or Brass or Steel, etc), Chester, Conn.

Dent Hardware Co., Fullerton, Pa.

Dobbie Foundry & Machine Co. (Ball Bearing, etc), Niagara Falls, N. Y.

Fletcher & Crowell Co., Portland, Me.

Gerdes & Co., 42 Church, New York

*See adv index at end of book*

Hoopes & Townsend Co. (Closed or Pipe, Open or Arm, etc.), Broad & Buttonwood, Phila., Pa.

Keystone Drop Forge Works (Or Rope Sockets, Open Arm), Chester, Pa.

Malleable Iron Fittings Co. (Galv. Mall. Iron) ("M. I. F. Co."), Branford, Conn.

McKay Jas. Co., Thompson av, Pittsburgh, Pa.

Niagara Falls Metal Stamping Works ("Niagara," all Steel), Niagara Falls, N. Y.



Pratt Wm. E. Mfg. Co. (Chain, Lariat, etc), 35 W Lake, Chicago, Ill.  
 Stowell Co. (The), So. Milwaukee, Wis.  
 Wilcox, Crittenden & Co. (Wrought Brass & Malleable), Middletown, Conn.  
 Williams J. H. & Co. ("Vulcan" Drop Forged), 156 Hamilton av, Brooklyn, N. Y.  
 Wire Woods Co. (Steel Wire), Worcester, Mass.

#### 14619—Swivels (Chain)

Lederer S. & B. Co. (Small Fancy), 100 Stewart, Providence, R. I.  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Parry W. B. & Sons ("Rondax"), 200 Seneca, Utica, N. Y.  
 Stowell Co. (The), So. Milwaukee, Wis.

#### 14620—Swivels (Halter)

Frazer & Jones Co., Syracuse, N. Y.  
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

#### 14621—Swivels (Punching Bag)

Cassady Fairbank Mfg. Co., 6106 S La Salle, Chicago, Ill.  
 Nicol & Co., 218 N Jefferson, Chicago, Ill.

#### 14622—Swivels (Razor Strop)

Jenkinson R. C. & Co., 23 Washington, Newark, N. J.  
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

#### 14623—Swivels (Snap)

Wire Goods Co. (Steel Wire), Worcester, Mass.

#### 14624—Swivels (Sucker Rod Joint)

Cook August D., Lawrenceburg, Ind.

#### 14625—Swords

Ames Sword Co., Chicopee, Mass.  
 Horstmann Wm. H. Co., 5th & Cherry, Phila., Pa.  
 Lilley M. C. & Co., 6th & Long, Columbus, O.  
 Schoenhut A. Co. (Toy), Adams & Sepviva, Phila., Pa.

#### 14626—Synchroscopes

Machado & Roller ("Hartmann & Braun," Imp), 203 B'way, New York  
 Schweitzer & Conrad, Inc. (Recording), 4431 Ravenswood av, Chicago, Ill.  
 Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
 Weston Electrical Instrument Co., Waverly pl, Newark, N. J.

#### 14627—Syphons (Acid)

Eynon-Evans Mfg. Co. (Lead Lined), N 15th & Clearfield, Phila., Pa.  
 Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

#### 14627a—Syphons (Bilge)

Braender Philip, 315 4th av, New York

#### 14628—Syphons (Flush Tank)

Archer Geo. F., 10 E 43d, New York  
 Stary Frank & Sons, Cedar Rapids, Ia.

#### 14629—Syphons (Glass)

Illinois Glass Co., Alton, Ill.

#### 14630—Syphons (Steam Gauge)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Cressman N. C. Co., Drexel bldg, Phila., Pa.  
 Douds Frank C. & Co., New Castle, Pa.  
 Kelly & Jones Co. (Common), 135 Water, Pittsburgh, Pa.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co. (Iron), 55 John, New York  
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich. *See adv index at end of book*

National Gauge Co. (Pressure), 300 Pacific, Brooklyn, N. Y.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.  
 Williams D. T. Valve Co., Cincinnati, O.

#### 14631—Syphons (Steam Jet)

Douds Frank C. & Co., New Castle, Pa.  
 Schutte & Koerting Co. ("Koerting" Universal Bilge), 1251 N 12th, Phila., Pa.

#### 14632—Syringes (Glass)

Illinois Glass Co., Alton, Ill.

#### 14633-4—Syringes (Hypodermic)

Banks F. S. & Co., 149 Church, New York  
 Higgins Dental Mfg. Co. (Obtaining), Bellevue, O.  
 Randall-Faichney Co. ("Matchless," "Safety Triumph," "Imperial" Dental, etc), Boston, Mass.  
 Tagliabue Chas. J. Mfg. Co., 20 33d, Brooklyn, N. Y.  
 Weinhausen Henry, 159 Leonard, New York

#### Syringes (Oil)

See Oil Guns & Syringes

#### 14635—Syringes & Atomizers (Rubber)

Ajax-Grieb Rubber Co., 1796 B'way, New York  
 American Hard Rubber Co., 9 Mercer, New York  
 Bailey C. J. & Co., 22 Boylston, Boston, Mass.  
 Canton Rubber Co., Canton, O.  
 Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Faultless Rubber Co., Ashland, O.  
 Goodrich B. F. Co., Akron, O.  
 Hodgman Rubber Co., 8 W 40th, New York  
 Holland Instrument Corp, 2314 N 11th, Frankford, Phila., Pa.  
 Miller Rubber Co., Akron, O.  
 Myers Mfg. Co., Fremont, O.  
 National India Rubber Co., Bristol, R. I.  
 Parker, Stearns & Co. ("Alpha," "Omega"), 286 Sheffield av, Brooklyn, N. Y.  
 Raley Rubber Co., New Haven, Conn.  
 Rubber Products Co. (Syringes Only), Barberton, O.  
 Seamless Rubber Co., New Haven, Conn.  
 Star Rubber Co., Akron, O.  
 Tyler Rubber Co. ("Tyrian," All Kinds for All Purposes), Andover, Mass.  
 Vant Woud Rubber Co., 163 39th, Brooklyn, N. Y.  
 Whitall Tatum Co., 410 Race, Phila., Pa.

#### 14636—Syrup (Corn)

American Maize-Products Co., 135 William, New York  
 Benham & Noyes, 12 B'way (Agents & Brokers), New York  
 Clinton Sugar Refining Co., Clinton, Ia.  
 Corn Products Refining Co., 17 Battery pl, New York  
 Hubinger J. C. Bros. Co., Keokuk, Ia.  
 Stein, Hirsh & Co., 111 W Wash., Chicago, Ill.  
 Union Starch & Refining Co., Edinburg, Ind.

#### 14637—\*T. N. T. (Trinitrotoluol)

**HERCULES POWDER CO.**, Wilmington, Del. *See adv index at end of book*

#### 14638—Table Claw Feet

Berbecker & Rowland Mfg. Co. (Solid Brass & Brass Plated, etc), Waterville, Conn.

#### 14639—Tables (Adjustable, Reading)

Baker J. R. & Sons Co., Kendallville, Ind.  
 Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.

#### 14640—Tables (Bed Side)

Baker J. R. & Sons Co. ("Multi-Use" Adjustable), Kendallville, Ind.

Bernstein Mfg. Co., 3d & Westmoreland, Phila., Pa.  
 Sidway Mercantile Co. (Metal), Elkhart, Ind.  
 Walker Bros. Co. ("Ideal" Adjustable), Syracuse, N. Y.

#### 14641—Tables (Bench)

Goodell-Pratt Co. (Adjustable), Greenfield, Mass.

#### 14642—Tables (Billiard & Pool)

Alexander Warren, 607 Main, Worcester, Mass.  
 American Billiard Table & Saloon Fixture Co., 924 McLean av, Cincinnati, O.  
 Babcock John D. (Est. of), 207 W Gen., Syracuse, N. Y.  
 Briggs Oliver L. & Son, 61 Essex, Boston, Mass.  
 Brunner F. & Son, 671 Communipaw av, Jersey City, N. J.  
 Brunswick-Balke-Collender Co., 29 W 32nd, New York  
 Burrowes E. T. Co. (Portable), 70 Free, Portland, Me.  
 Came J. E. Co., 114 Sudbury, Boston, Mass.  
 Canfield Alfred, 199 Market, Newark, N. J.  
 Castle Chas. L., 520 S Clinton, Syracuse, N. Y.  
 Clark Herd Mfg. Co., 2419 N Front, Phila., Pa.  
 Cleveland Billiard & Mfg. Co., 306 Prospect av, N E, Cleveland, O.  
 Dean C. P. Corp., Richmond, Va.  
 Decker Co., 62 Cooper sq, New York.  
 Dorr Wallie Co., 35 Murray, New York  
 Fowler J. L. Co., 1812 W Lake, Chicago, Ill.  
 Ginzburg M., 134 Bowery, New York  
 Hughes & Chipman, 1228 Maine, Kansas City, Mo.  
 Jungblut Aug. Co., 833 Fillmore, San Francisco, Cal.  
 Keafer L., 329 W Girard av, Phila., Pa.  
 Klenk August, 483 Alfred, Detroit, Mich.  
 Koehler & Hinrichs, St. Paul, Minn.  
 Marx Alfred B. & Bro., 30 Union sq, New York  
 Minn Billiard Co., 1520 Buffum, Milwaukee, Wis.  
 National Billiard Mfg. Co., 20 W Canal, Cincinnati, O.  
 Schwikert Frank & Son, Rochester, N. Y.  
 Stillwater Mfg. Co., Stillwater, Minn.

#### 14643—Tables (Brazing)

Improved Appliance Co., 455 Kent av, Brooklyn, N. Y.

#### Tables (Brick Cutting)

See Brick Cutting Machinery

#### 14644—Tables (Brick Dump)

American Clay Machinery Co. (Revolving), S Walnut, Bucyrus, O.

#### 14645—Tables (Canners')

Huntley Mfg. Co. ("Monitor" Peeling Tables), Silver Creek, N. Y.  
 Link-Belt Co. (Link-Belt Sanitary Peeling Tables), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa. *See adv index at end of book*

#### 14646—Tables (Card & Folding)

Acme Novelty Co., Jamestown, N. Y.  
 Bear G. H. Furniture Co. (Folding Card), Allentown, Pa.  
 Brown C. G. Furniture Co., Syracuse, N. Y.  
 Burrowes E. T. Co. ("Royal," "Tuxedo," "Noname," "Featherweight," "Mid-get," "Primus," "O. K.," also 42 inch Round & Vedette Round), 70 Free, Portland, Me.  
 Hunzinger Geo. & Son, 323 W 16th, New York  
 Lakeside Craft Shops, Sheboygan, Wis.  
 Mueller H. G. Lumber Mfg. Co. (Folding Card), Sheboygan, Wis.  
 Ohio Spring Bed Co., Cleveland, O.  
 Pratt Mfg. Co. (Folding Card), Coldwater, Mich.  
 Puffer-Hubbard Mfg. Co., 32nd av S. & 26th, Minneapolis, Minn.  
 Readsboro Chair Co., Readsboro, Vt.  
 Sidway Mercantile Co., Elkhart, Ind.  
 Steinfeld Bros., 116 W 22d, New York  
 Stokes Wm. A. & Co., 50 Howard, New York



Strobel Philip & Sons, 53 Elizabeth, New York  
Udell Works, Indianapolis, Ind.  
Wausau Novelty Co., Wausau, Wis.

### 14647—\*Tables (Coal Picking)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### Tables (Concentrating)

*See Concentrators, Ore*

### 14647a— Tables (Conveyor)

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry. Phila., Pa. *See adv index at end of book*  
U. S. Bottlers' Machy. Co. (Revolving), 1033 W Lake, Chicago, Ill.

### 14648— Tables (Display)

Bryan Novelty Mfg. Co., Bryan, O.  
Burrows E. T. Co. (Banquet), 70 Free, Portland, Me.  
Cox S. S. Show Case Co., North Manchester, Ind.

### Tables (Draughting)

*See Draughting Tables*

### 14649—Tables (Drill, Universal)

Carlton Machine Tool Co., Cincinnati, O.

### 14650— Tables (Feed)

Besly Chas. H. & Co. ("Besly" Geared Lever), 129 N Clinton, Chicago, Ill.

### 14651— Tables (Ironing)

Domestic Laundry Equipment Corp. ("Domestic"), 228 W 26th, New York  
Modern Mfg. Co. ("Emerson"), Hagerstown, Md.  
Stokes Wm. A. & Co., 50 Howard, New York

### 14652— Tables (Kitchen)

Cleveland Metal Products Co. ("White Seal Enam. Metal"), Ivanhoe rd & N. Y. C. R. R., Cleveland, O.  
Demmler & Schenck Co. (White Porcelain Enameled), 434 Penn av, Pittsburgh, Pa.  
Ingram-Richardson Mfg. Co. (All Metal, Porcelain), Beaver Falls, Pa.  
Steel White Co. (Steel), Jamestown, N. Y.  
White Enamel Refrigerator Co. ("Sanitor"), 1340 Universal av, St. Paul, Minn.

### 14653— Tables (Mailing)

Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.  
Shults H. H. Co., Gowanda, N. Y.

### Tables (Operating)

*See Furniture, Hospital; also Furniture, Surgical*

### 14654— \*Tables (Peeling)

*See also Tables, Cannery*

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### 14655— Tables (Picking)

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*  
McLanahan-Stone Machine Co., Hollidaysburg, Pa.

Morrow Mfg. Co., Wellston, O.  
Pittsburgh Conveying Machinery Co. (For Coal, etc), 4th & Duquesne wy, Pittsburgh, Pa.

Webster Mfg. Co., Tiffin, O.

### 14656— Tables (Plane)

Keuffel & Esser, Hoboken, N. J.

### 14657—Tables (Rolling Mill Feed)

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Macintosh, Hemphill & Co., Pittsburgh, Pa.  
Morgan Construction Co., Worcester, Mass.  
**MORGAN ENGINEERING CO.** (Electric) Alliance, O. *See adv index at end of book*  
National Roll & Fdry Co., Avonmore, Pa.  
Neumeyer & Dimond ("Demag," Imp), 82 Beaver, New York  
Penna. Engng Works, New Castle, Pa.  
Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

United Engng. & Fdry. Co., 307 5th av, Pittsburgh, Pa.

Wheeling Mold & Foundry Co. (Bloomington Mill Tables & Manipulators, etc), Wheeling, W. Va.

### 14658—Tables (Saw Brazing)

Covel Mfg. Co., Benton Harbor, Mich.  
Hanchett Swage Works, Big Rapids, Mich.

### 14659— Tables (Separating)

Sutton Steel & Steel (for separating and purifying field seeds & cereals), Dallas, Texas

### 14660— Tables (Sewing)

Conrey-Davis Mfg. Co., Shelbyville, Ind.  
Curtiss Brothers, Richland, N. Y.  
Davis-Birely Table Co., Shelbyville, Ind.

### 14661— Tables (Slime)

*See also Mining Machinery*

Deister Concentrator Co. ("Deister," Simple & Multiple Deck Automatic), Fort Wayne, Ind.

Mine & Smelter Supply Co. ("Wilfrey"), 42 B'way, New York

### 14662—Tables (Soap Cutting)

*See also Soap Makers' Machinery*

Houchin Aiken Co., 37 53d, Brooklyn, N. Y.

### 14663—Tables (Spacing, Hand & Automatic)

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, O.  
Standard Bridge Tool Co. ("Thomas"), Fulton bldg, Pittsburgh, Pa.

### 14664—Tables (Spring Assembling)

Ryerson Jos. T. & Son (Hydraulic, Ball Bearing), 2558 W 16th, Chicago, Ill.

### 14665— Tables (Steel)

Arnold S. G. ("Guttman," All Steel Assembling or Work), 2619 W Van Buren, Chicago, Ill.

Bayer-Rothgeb Co., Los Angeles, Cal.  
Berger Mfg. Co. Canton, O.

Bernstein Mfg. Co. 3d & Westmoreland, Phila., Pa.

Buffalo Metal Furniture Mfg. Co. ("Neverwear" Steel Restaurant, Cafe, etc; also Iron Base) Buffalo N. Y.

Demmler & Schenck Co., 434 Penn av, Pittsburgh, Pa.

Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.

Duran Steel Locker Co. (For Offices, Engineering Plants, etc.), 1435 Ft. Dearborn Bank bldg, Chicago, Ill., & 935 Vanderbilt bldg, New York

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.

*See adv index at end of book*  
General Fireproofing Co. (Office), Youngstown, O.

Lyon Metallic Mfg. Co. ("Lyon," For All Purposes), Aurora, Ill.

Metal Office Furniture Co., Grand Rapids, Mich.

Mothrup Steel Products Co. (Polished Table Tops), Beaver Falls, Pa.

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

### 14666—\*Tables (Steel, Factory)

**BIGGS BOILER WORKS CO.**, Cace av & Williams, Akron, O.  
*See adv index at end of book*

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

### 14667—\*Tables (Steel Packing)

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

### 14668—\*Tables (Tomato Peeling)

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.  
*See adv index at end of book*

### 14669— Tables (Transfer)

American Bridge Co., 30 Church, New York

City Boiler & Machine Co. (Electric Car), Kansas City, Mo.

Cleveland Punch & Shear Works Co., 3921 St. Clair av N E, Cleveland, Ohio

Easton Car & Construction Co., 4th st, Easton, Pa.

Garrison A. Foundry Co., 901 Bingham, Pittsburgh, Pa.

Industrial Works, Bay City, Mich.

Snyder Steel & Iron Works Co. (Electric Car), Kansas City, Mo.

Wharton Wm. Jr. & Co., Inc. (Electric Car, etc.), Easton, Pa.

White Mfg. Co. (Electric Car, etc), 556 W 34th, New York

Whiting Foundry Equipment Co., Harvey, Ill.

Wood R. D. & Co. (For Locomotive & Car Shops), 400 Chestnut, Phila., Pa.

### 14670—Tables (Transfer, Electric)

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.  
*See adv index at end of book*

**NICHOLS GEO. P. & BRO.**, Old Colony bldg, Chicago, Ill.

**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich.

*See adv index at end of book*  
Wharton Wm. Jr. & Co. Inc., Easton, Pa.

Whiting Foundry Equipment Co., Harvey, Ill.

### 14671—Tables (Water Cooled Casting)

National Roll & Foundry Co., Avonmore, Pa.

### 14672—Tables (Wire Carrying)

Ticonderoga Machine Works (Brass for Paper Makers), Ticonderoga, N. Y.

### 14672a— \*Tables (Wood, Toy)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### Tablets (Bronze, Etc.)

*See Bronze Tablets, etc*

### Tablets (Cast Brass, Bronze or Iron)

*See Bronze Tablets*

### 14672b—\*Tablets, Signs & Letters

**GORHAM CO.**, ARCHITECTURAL BRONZE, 5th av & 36th, New York  
*See adv index at end of book*

### 14673— Tabs (Index)

Aigner G. J. & Co. (Patent-Cut), 554 W Adams, Chicago, Ill.

Graff Geo. B. Co. ("Graffco Vise"), 294 Washington Boston, Mass.

Hub J. C. Mfg. Co., 1376 W 3d, Cleveland, O.

Smith Chas. C. (Gummed), Exeter, Neb.

Yawman & Erbe Mfg. Co., Rochester, N. Y.

### 14674— Tachometers

*See also Indicators, Speed*

American Ever Ready Works, Thompson av, L. I. City, New York

Biddle James G. ("Frahm" Vibration, "Ja-Ga-Bi" Hand), 1211 Arch, Phila., Pa.



**BRISTOL CO.** ("Bristol's" Long Distance Recording), Waterbury, Conn.*See adv index at end of book*

Du Vivier Ernest H., 30 Church, New York  
Electric Tachometer Co. (Electrical),  
Perry bldg, Phila., Pa.  
Esterline Co., Indianapolis, Ind.

**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Dr. Horn" Portable & Stationary), Foxboro, Mass.*See adv index at end of book*

Hoffecker Co. ("Hoffecker"), 222 Eliot,  
Boston, Mass.

Lombard Governor Co. (Precision), Ash-  
land, Mass.

National Gauge Co. ("National" Portable,  
Stationary, Indicating & Recording),  
300 Pacific, Brooklyn, N. Y.

Nelson Blower & Furnace Co. ("Reliance"  
Aeroplane & Marine), L. & Elkins,  
Boston, Mass.

Queen-Gray Co. (Recording), 618 Chest-  
nut, Phila., Pa.

**SCHAEFFER & BUDENBERG MFG. CO.** (Portable, Stationary, Indicating & Recording, Special for Power Boats, Paper Machines & Turbines), Berry & S 5th, Brooklyn, N. Y.*See adv index at end of book*

Schuchardt & Schutte, 90 West, New York  
Thompson-Levering Co. ("Peerless" Job-  
bers), 323 Arch, Phila., Pa.

Veeder Mfg. Co. ("Veeder"), Hartford,  
Conn.

**14675—\*Tachometers (Recording)**

**FOXBORO COMPANY THE**, succeeding Industrial Instrument Co., Foxboro, Mass. *See adv index at end of book*

**SCHAEFFER & BUDENBERG MFG. CO.** Berry & So. 5th, Brooklyn, N. Y.*See adv index at end of book***14676—Tachoscopes**

Biddle Jas. G., 1211 Arch, Phila., Pa.  
**SCHAEFFER & BUDENBERG MFG. CO.**  
(Non-Magnetic, Combined Counter &  
Watch), Berry & So. 5th, Brooklyn,  
N. Y. *See adv index at end of book*

Schuchardt & Schutte (Non-Magnetic,  
Combined Counter & Watch), 90  
West, New York

**14677—Tacks**

**AMERICAN STEEL & WIRE CO.**, 208 S  
La Salle, Chicago, Ill.

*See adv index at end of book*

Anderson Tack Co., Rockland, Mass.  
Atlas Tack Co. (Cut & Wire), Fairhaven,  
Mass.

Carter Geo. A. (Shoe), Brockton, Mass.  
Churchill & Allen (Shoe), Lynn, Mass.

Clendenin Bros. (Iron & Brass Shoe, etc),  
cor Central av & Fawn, Baltimore, Md.  
Cleveland Tack Works (Shoe, Upholsterers  
& Carpet), 1303 E 49th, Cleveland, O.

Cobb & Drew, Plymouth, Mass.  
Cole H. C. & W. S., Kingston, Mass.  
Cross W. W. & Co. (Inc.) (Tacks & Shoe  
Nails), Brockton, Mass.

Crossman Tack Co., Dighton, Mass.  
Fuller G. E. & A. I., Keene, N. H.  
Genesee Tack Co., Rochester, N. Y.

Grand Crossing Tack Co. (Carpet, etc),  
So. Chicago av & E 79th, Chicago, Ill.  
Gurney D. B., Whitman, Mass.

H. C. Tack Co., Cleveland, O.  
Haverhill Tack Co., Haverhill, Mass.  
Hawkins Co., South Britain, Conn.

Holland Mfg. Co., Central av & Bank, Bal-  
timore, Md.  
Hussey C. G. & Co. (Copper), 2850 2d av,  
Pittsburgh, Pa.

Illinois Nail Co., 826 Dix, Chicago, Ill.  
Interstate Iron & Steel Co. (All Kinds),  
Grand Crossing, Chicago, Ill.

*See adv index at end of book*

Maglathlin F. W. & Co., Kingston, Mass.  
Miller's H. J. Sons (Shank & Machine  
Shoe), Bridgewater, Mass.

Milwaukee Tack Co. (Carpet, Broom, Can-  
vas, Upholsterers', Bill Posters',  
Coopers', Shoe Cheese Box, Hungarian,  
etc), 27th & Wahl av, Milwaukee, Wis.

Morgan Spring Co., Worcester, Mass.  
National Screw & Tack Co., Cleveland, O.  
Osborne W. & Co., Lakeville, Mass.

Parker Wire Goods Co. (Wire), Worcester,  
Mass.  
Penn Tack Co., Norristown, Pa.

Phillips Ezra & Sons, South Hanover,  
Mass.

Plymouth Mills, Plymouth, Mass.

Ripley & Bartlett, Plymouth, Mass.  
Roberts G. G. Corp., Whitman, Mass.  
Salmond Sam'l & Son, Hanover, Mass.  
Shelton Co. (Cut, Basket, Carpet, Brush,  
Looking Glass, Lace, Gimp, Broom,  
Trunk, Hide, Bill Posters, Upholster-  
ers, Trimmers, etc), Shelton, Conn.  
Somers Patrick E., Worcester, Mass.  
Stanley Geo. W. Co., Belleville, Ill.  
Stevens & Willis Co., South Braintree,  
Mass.

Superior Tack & Nail Co., Derby, Conn.  
Taunton-New Bedford Copper Co. (Cop-  
per), Taunton, Mass.

Tower Mfg. Co. (Steel, Iron, Copper, etc),  
Elm & Commerce, Cincinnati, O.

Waterman R. C. Co., (Gimp, Lace, Carpet,  
Bill Posters', Basket, etc.), So. Hano-  
ver, Mass.

Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

Wire Goods Co., Worcester, Mass.  
York Tack & Nail Works (Also Nails),  
York, Pa.

**14678—Tacks (Bill Posters')**

Genesee Tack Co., Rochester, N. Y.  
Milwaukee Tack Co., 27th & Wahl av, Mil-  
waukee, Wis.

Penn Tack Co., Norristown, Pa.  
Shelton Co., Shelton, Conn.  
Taunton Nail Co., Taunton, Mass.

Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

**14679—Tacks (Brass & Copper)**

Atlas Tack Co., Fairhaven, Mass.  
Clendenin Bros. cor Central av & Fawn,  
Baltimore, Md.

Cole H. C. & W. S., Kingston, Mass.  
Diamond Tack & Nail Works, Baynham  
Center, Mass.

Grand Crossing Tack Co., S Chicago av &  
E 79th, Chicago, Ill.  
Hungerford U. T. Brass & Copper Co., 80  
Lafayette, New York

Mattatuck Mfg. Co. (Brass), Waterbury,  
Conn.

Merchant & Evans Co. (Copper), 2035  
Washington av, Phila., Pa.

*See adv index at end of book*  
Milwaukee Tack Co., 27th & Wahl av, Mil-  
waukee, Wis.

Penn Tack Co., Norristown, Pa.  
Phillips Ezra & Sons, South Hanover,  
Mass.

Plymouth Mills, Plymouth, Mass.  
Ripley & Bartlett, Plymouth, Mass.

Rome Brass & Copper Co., Rome, N. Y.  
Shelton Co., Shelton, Conn.

Taunton-New Bedford Copper Co. (Cop-  
per), Taunton, Mass.

Tower Mfg. Co., Elm & Commerce, Cin-  
cinnati, O.

**14680—Tacks (Broom, Basket &  
Brush)**

Genesee Tack Co., Rochester, N. Y.  
Grammes L. F. & Sons, Allentown, Pa.

Milwaukee Tack Co., 27th & Wahl av,  
Milwaukee, Wis.

Penn Tack Co., Norristown, Pa.  
Shelton Co., Shelton, Conn.

Superior Tack & Nail Co., Derby, Conn.  
Townsend C. C. & E. P. Co., New Brigh-  
ton, Pa.

Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

**14681—Tacks (Carpet)**

Cleveland Tack Works, 1303 E 49th, Cleve-  
land, O.

Crossman Tack Co., Dighton, Mass.  
Genesee Tack Co., Rochester, N. Y.

Grand Crossing Tack Co., S Chicago av &  
E 79th, Chicago, Ill.

Milwaukee Tack Co., 27th & Wahl av,  
Milwaukee, Wis.

Morgan Spring Co. (Double Pointed),  
Worcester, Mass.

Penn Tack Co., Norristown, Pa.  
Salmond Sam'l & Son, Hanover, Mass.

Shelton Co., Shelton, Conn.

Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

**14682—Tacks (Carriage Trimmers')**

Genesee Tack Co., Rochester, N. Y.

**14683—Tacks (Cheese Box)**

Genesee Tack Co., Rochester, N. Y.  
Grammes L. F. & Sons, Allentown, Pa.

Superior Tack & Nail Co., Derby, Conn.

**14684—Tacks (Crimping or Lasting)**

United Awl & Needle Co., West Medway,  
Mass.

**14685—Tacks (Double-Pointed)**

Atlas Tack Co., Fair Haven, Mass.  
Cleveland Tack Works, 1303 E 49th, Cleve-  
land, O.

Cobb & Drew, Plymouth, Mass.  
Grand Crossing Tack Co., S Chicago av  
& E 79th, Chicago, Ill.

Holland Mfg. Co., Central av & Bank,  
Baltimore, Md.

Milwaukee Tack Co., 27th & Wahl av,  
Milwaukee, Wis.

Morgan Spring Co., Worcester, Mass.  
Penn Tack Co., Norristown, Pa.

Pickering R. S., Sharon Hill, Pa.  
Plymouth Mills, Plymouth, Mass.

Shelton Co., Shelton, Conn.  
Stanley Geo. W. Co., Belleville, Ill.

Superior Tack & Nail Co., Penn Yan,  
N. Y.

Titchener E. H. & Co., Binghamton, N. Y.  
Tower Mfg. Co., Elm & Commerce, Cin-  
cinnati, O.

Wire Goods Co., Worcester, Mass.  
**WRIGHT WIRE CO.**, Worcester, Mass.

*See adv index at end of book***14686—Tacks (Gimp)**

Penn Tack Co., Norristown, Pa.  
Shelton Co., Shelton, Conn.

Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

**14687—Tacks (Hide)**

Penn Tack Co., Norristown, Pa.  
Shelton Co., Shelton, Conn.

Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

**14688—\*Tacks (Insulated Wiring)**

**WILMINGTON FIBRE SPECIALTY CO.**,  
Wilmington, Del.

*See adv index at end of book***14689—Tacks (Lead)**

United Lead Co., 111 B'way, New York

**14690—Tacks (Miners')**

Penn Tack Co., Norristown, Pa.  
Wilson Steel Products Co., 49th & S West-  
ern av, Chicago, Ill.

**14691—Tacks (Rubber-Headed)**

Elastic Tip Co., 370 Atlantic av, Boston,  
Mass.

Goodrich B. F. Co., Akron, O.  
New York Belting & Packing Co., 91  
Chambers st, New York

Parker-Stearns & Co. ("Alpha"), 286 Shef-  
field av, Brooklyn, N. Y.

Pennsylvania Rubber Co., Jeannette, Pa.  
Tyer Rubber Co. ("Tyrian"), Andover,  
Mass.

**14692—Tacks (Shoe)**

Carter Geo. A., Brockton, Mass.  
Churchill & Allen, Lynn, Mass.

Clendenin Bros. (Iron & Brass), cor Cen-  
tral av & Fawn, Baltimore, Md.

Cleveland Tack Works, 1303 E 49th, Cleve-  
land, O.

Cole H. C. & W. S. (Hand & Machine),  
Kingston, Mass.

Milwaukee Tack Co., 27th & Wahl av,  
Milwaukee, Wis.

National Tack Co., East Bridgewater,  
Mass.

Penn Tack Co., Norristown, Pa.

Somers Patrick E. (Shoe Finders'), Wor-  
cester, Mass.

**14693—Tacks (Thumb)**

Albrecht Chas. R., 62 Fulton, New York

Grammes L. F. & Sons, Allentown, Pa.

Hampden Mfg. Co. ("Clover Leaf"), 108  
Fulton, New York

Hawkes-Jackson Co. ("Solidhed"), 38  
Murray, New York



Hoge Mfg. Co. ("German Style"), 45 John, New York  
 Johnston J. D., Newport, R. I.  
 Keuffel & Esser ("Ideal"), Hoboken, N. J.  
 Moore Push-Pin Co. ("Moore," Steel Pointed), 133 Berkeley, Phila., Pa.  
 National Sheet Metal Co. (Stamped from Nickel Steel), Peru, Ill.  
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.  
 Turner & Seymour Mfg. Co., Torrington, Conn.

#### 14694—Tacks (Trimmers')

Penn Tack Co., Norristown, Pa.  
 Shelton Co., Shelton, Conn.  
 Somers Patrick E., Worcester, Mass.

#### 14695—Tacks (Trunk)

Penn Tack Co., Norristown, Pa.  
 Shelton Co., Shelton, Conn.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

#### 14696—Tacks (Upholsterers')

American Ring Co., Waterbury, Conn.  
**AMERICAN STEEL & WIRE CO.** ("American" Wire), 208 S La Salle, Chicago, Ill. *See adv index at end of book*  
 Berbecker & Rowland Mfg. Co. (Brass Furniture Nails), Waterville, Conn.  
 Cleveland Tack Works, 1303 E 49th, Cleveland, O.  
 Crandel, Stone & Co., Binghamton, N. Y.  
 Equipoise Rivet Co., Waterbury, Conn.  
 Genesee Tack Co., Rochester, N. Y.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Grand Crossing Tack Co., S Chicago av & E 79th, Chicago, Ill.  
 Holland Mfg. Co. (Brass & Gilt), Central av & Bank, Baltimore, Md.  
 Hungerford U. T. Brass & Copper Co. (Brass), 80 Lafayette, New York  
 Mattatuck Mfg. Co. (Brass), Waterbury, Conn.  
 Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.  
 Morgan Spring Co. (Gilt), Worcester, Mass.  
 Morley Button Mfg. Co. ("Milonite, Perfection" Button Head Nail), Portsmouth, N. H.  
 Penn Tack Co., Norristown, Pa.  
 Plymouth Mills, Plymouth, Mass.  
 Ripley & Bartlett, Plymouth, Mass.  
 Roberts G. G. Corp. ("Crown"), Whitman, Mass.  
 Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.  
 Salmond Sam & Son, Hanover, Mass.  
 Shelton Co., Shelton, Conn.  
 Somers Patrick E., Worcester, Mass.  
 Superior Tack & Nail Co., Derby, Conn.  
 Tokwotten Co., Providence, R. I.  
 Tower Mfg. Co. Elm & Commerce, Cincinnati, O.  
 Traut & Hine Mfg. Co., New Britain, Conn.  
 Turner & Seymour Mfg. Co. ("Eagle," "Keystone"), Torrington, Conn.  
 Waterman R. C. & Co., South Hanover, Mass.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

#### 14697—Tags (Bag, Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Decker Mfg. Co., Keokuk, Ia.

#### 14698—Tags (Dog)

Niagara Falls Metal Stamping Works, Niagara Falls, New York

#### 14699—\*Tags (Hard Fibre)

*See also Fibre, Hard*

**DELAWARE HARD FIBRE CO.**, Wilmington, Del.

*See adv index at end of book*

**WILMINGTON FIBRE SPECIALTY CO.**, Wilmington, Del.

*See adv index at end of book*

#### 14700—Tags (Hook)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.  
 Thomas Stationery Mfg. Co., Springfield, Ohio

#### 14701—Tags (Hotel Key, Etc.)

American Railway Supply Co., 134 Charles, New York  
 Burg E. F. (& Hotel Supplies), 224 W. 1st, Duluth, Minn.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.

#### 14702—Tags (Indelible Ink)

Clark R. S. & Son, Cohoes, N. Y.

#### 14703—Tags (Index)

Smith Chas. C., Exeter, Neb.

#### 14704—Tags (Jewelers')

Bonnell J. D. & Son, 311 Atlantic av, Boston, Mass.  
 Eisler Anthony & Co. (Also Mdse, Hook, etc), 227 Canal, New York

#### 14705—Tags (Laundry)

Boston Clip & Tag Co., 40 Sudbury, Boston, Mass.  
 Higgin Mfg. Co., Newport, Ky.  
 Merchandise & Laundry Tag Co. ("Station"), 19 Washington, Boston, Mass.

#### 14706—Tags (Metal Edge)

Salisbury Mfg. Co., 14 Leather av, Providence, R. I.

#### 14706a—\*Tags (Plant, Wood)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

#### 14707—Tags (Shipping)

*See also Tags, Tin; also Tags, Zinc*  
 Acme Tag Co., 2840 Fremont av, Minneapolis, Minn.  
 Allen Robert T., Jackson, Mich.  
 Allen & Bailey Tag Co., Caledonia, N. Y.  
 American Mfg. Co., Battle Creek, Mich.  
 American Tag Co., 6133 S State, Chicago, Ill.  
 Anderson W. J. & Co., 341 B'way, New York  
 Campbell Paper Box Co., South Bend, Ind.  
 Dancyger Safety Pin Ticket Co., Cleveland, Ohio  
 Decker Mfg. Co., Keokuk, Ia.  
 Denney Tag Co., West Chester Pa.  
 Dennison Mfg. Co., 26 Franklin, Boston, Mass.  
 Eisler Anthony & Co. (Also Mdse, Hook, etc), 227 Canal, New York  
 International Tag Co., 652 W Lake, Chicago, Ill.  
 Keystone Tag Co., West Chester, Pa.  
 Murray Mfg. Co. (Cotton), Newnan, Ga.  
 National Tag Co., Dayton, O.  
 Reyburn Mfg. Co., 23rd & Allegheny av, Phila., Pa.  
 Robinson Tag & Label So., 142 W 18th, New York  
 Salisbury Mfg. Co., 14 Leather av, Providence, R. I.  
 Scharf Tag & Label Co., Ypsilanti, Mich.  
 Shuman F. G. Co., 168 W Michigan av, Chicago, Ill.  
 Sutcliffe Adam & Co., Pawtucket, R. I.  
 Thomas Stationery Mfg. Co., Springfield, Ohio  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland O., & 538 Brisbane bldg, Buffalo, N. Y.  
*See adv index at end of book*

#### 14708—Tags (Tin)

**AMERICAN CAN CO.**, 120 Broadway, New York. *See adv index at end of book*  
 American Tag Co., 6133 S State, Chicago, Ill.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Murdock W. Jas. Co., 116 Opera pl, Cincinnati, O.  
 Spencer S. M. Mfg. Co., 9 Cornhill, Boston, Mass.  
 Weber-Erickson-Bunting Co. (Metal), 221 Diamond, Pittsburgh, Pa.

#### 14709—Tags (Zinc)

Grammes L. F. & Sons, Allentown, Pa.  
 Hill J. H. & Sons, Coventry, R. I.

#### Tailors' Irons

*See Sad Irons*

#### 14710—Take-Ups

Dodge Sales & Engineering Co., Mishawaka, Ind.  
 Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av, & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Nordyke & Marmon Co. (Belt & Rope), 1290 Kentucky av, Indianapolis, Ind.  
 United Iron Works Co., Springfield, Mo.  
 Webster Mfg. Co., Tiffin, O.  
 Weller Mfg. Co., 853 W North av, Chicago, Ill.

#### Take-Ups (Wire)

*See Reels, Payout & Take-up*

#### 14711—Talc Blanks (Insulator & Gas Burner)

North Carolina Talc & Mining Co., Hewitts, N. C.

#### 14712—Talc Importers

Fuerst Bros. & Co., 2 Stone, New York  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

#### 14713—Talc Mfrs. & Miners

American Lava Co., Chattanooga, Tenn.  
*See adv index at end of book*  
 American Mineral Co., Johnson, Vt.  
 Atlas Mineral Products Co., Lincoln, N. J.  
 Bull Run Talc & Soapstone Co. ("Red-oxo" Red), Clifton Station, Va.  
 Chemical Mfg. Co., Covington, Ky.  
 Cohutta Talc Co., Dalton, Ga.  
 Doggett Stanley, 11 Cliff, New York  
 Dunn & Kruse (Imp.), 63 Park row, New York  
 Georgia Talc Co., Asheville, N. C.  
 Gregory Talc, Blackboard & Crayon Co., Nashville, Tenn.  
 International Pulp Co., 41 Park Row, New York  
 North Carolina Talc & Mining Co., Hewitts, N. C.  
 Ontario Talc Co., Gouverneur, N. Y.  
 Product Sales Co., 32 S Calvert, Baltimore, Md.  
 Robbins A. A. Mining Co., 99 John, New York  
 St. Lawrence Talc Co. ("Talcay"), 5 E 42d, New York  
 Smith J. Lee & Co. (Imp.), 19 Jacob, New York  
 Uniform Fibrous Talc Co., 1 E 23d, New York  
 Union Talc Co., 132 Nassau, New York  
 Vermont Talc Co., Holyoke, Mass.

#### 14714—Talc (Powdered)

American Mineral Co., Johnson, Vt.  
 Binney & Smith Co. (Importers), 81 Fulton, New York  
**CHRYSTAL CHAS. B.** (Importer), 13 Cliff, New York  
*See adv index at end of book*  
 Daniels Willard B. (French, Amer. & Italian), 252 Front, New York  
 Doggett Stanley (Also Crayons), 11 Cliff, New York  
 Eastern Talc Co., 45 Milk, Boston, Mass.  
 Federal Foundry Supply Co. ("Bull Run"), 2639 E 79th, Cleveland, O.  
 Georgia Talc Co. (Also Foundry Facings), Asheville, N. C.  
 Hammill & Gillespie (Imp.), 240 Front, New York  
 Nevins Sam'l Co. (French & American), 109 S 2d, Phila., Pa.  
 New England Quartz Co., 107 William, New York  
 North Carolina Talc & Mining Co., Hewitts, N. C.  
 St. Lawrence Talc Co., 5 E 42d, New York  
 Salomon L. A. & Bro. (Imp.), 216 Pearl, New York  
 Smith Facing & Supply Co., Columbia bldg, Cleveland, O.  
 Steward D. M. Mfg. Co., Chattanooga, Tenn.  
 Western Federal Supply Co., Cleveland, O.  
 Whittaker W. H. Co. (Importer), 250 Front, New York  
**WILLIAMS C. K. & CO.**, Easton, Pa.



**14715—Talking Machine Specialties**

**DEWES A. CO.** (Turntable & Motor Specialties), 199 Lafayette, New York  
**Hawthorne Mfg. Co.**, Bridgeport, Conn.  
**Standard Gramophone Appliance Co.** (Automatic Stops, Fibre Needle Cutters, Record Cleaners), 237 Lafayette, New York  
**Thomas Mfg. Co.**, Dayton, O.  
**Weber-Knapp Co.**, Jamestown, N. Y.

**14716—Tallow**

**Armour & Co.**, 208 S La Salle, Chicago, Ill.  
**Baugh & Sons Co.**, 20 S Delaware av, Phila., Pa.  
**Beach Soap Co.**, Lawrence, Mass.  
**Biggs E. W. & Co.**, Kansas City, Mo.  
**Birmingham Hide & Tallow Co.**, Birmingham, Ala.  
**California Tallow Works**, 1226 Evans av, San Francisco, Cal.  
**Claverie A. J. & Co.**, New Orleans, La.  
**Connecticut Fat Rendering & Fertilizing Corp.**, New Haven, Conn.  
**Consolidated Rendering Co.** ("Perfection," "Peerless"), 40 N Market, Boston, Mass.  
**Cudahy Packing Co.**, South Omaha, Neb.  
**Darling & Co.**, 4201 S Ashland, Chicago, Ill.  
**Davis Oil Co.**, 95 Ninth, Brooklyn, N. Y.  
**Elkan H. & Co.**, 10 W Austin, Chicago, Ill.  
**Faber F. H. & Co.**, Peoria, Ill.  
**Flavell Co.**, Asbury Park, N. J.  
**Herrmann Jos. F. & Co.**, Fisher bldg, Chicago, Ill.  
**James Henry & Son**, 15 Exchange, Boston, Mass.  
**Jardine, Matheson & Co. (Imp.)**, 63 Wall, New York  
**Klipstein A. & Co. (Imp.)**, 644 Greenwich, New York  
**Kuh E. S. & Valk Co. (Imp.)**, Produce Exchange, New York  
**Link David C. & Co. (Imp.)**, Produce Exchange, N. Y.  
**Marx Hide & Tallow Co.**, Louisville, Ky.  
**Milwaukee Tallow & Grease Co.**, Vogel's Island, Milwaukee, Wis.  
**Morris & Co.**, The Rookery, Chicago, Ill.  
**Morse J. F. & Co.**, 66 Norfolk av, Rox., Boston, Mass.  
**New Orleans Butchers' Hide & Tallow Co. (Ltd.)**, New Orleans, La.  
**Norden A. & Co. (Imp.)**, 60 Beaver, New York  
**Pacific Coast Beef & Provision Co.**, Los Angeles, Cal.  
**Reardon Jno. & Sons Co. (Oleo)**, Cambridge, Mass.  
**Rochester Tallow Co.**, Rochester, N. Y.  
**Rogers A. Co.**, Aurora, Ill.  
**St. Louis Hide & Tallow Co.**, 2d & Talcott, St. Louis, Mo.  
**Schwarz Bros. Co.**, Kearny, N. J.  
**Stern Jos. & Sons**, 614 W 40th, New York  
**Stevenson Bro. & Co.**, 10 Race, Phila., Pa.  
**Swift & Co.**, Union Stock Yards, Chicago, Ill.  
**United Dressed Beef Co.**, 1st av & 44th, New York  
**Van Iderstine Co.**, Long Island City, New York  
**Whitman & Pratt Rendering Co.**, Lowell, Mass.  
**White Thos. H. & Co. (Brokers)**, 11 S Gay, Baltimore, Md.  
**Wilson & Co.**, 41st & Ashland av, Chicago, Ill.  
**Wise L. & Bros.**, 36 Main, Cincinnati, O.

**14717—Tallow (Vegetable)**

**Carleton & Moffat (Imp.)**, 80 Maiden la, New York  
**Elbert & Company (Imp.)**, 71 Wall, New York  
**Jardine, Matheson & Co. (Imp.)**, 63 Wall, New York  
**Klipstein A. & Co.**, 644 Greenwich, New York

**14718—Tampers (Hog)**

**Pratt Wm. E. Mfg. Co.**, 35 W Lake, Chicago, Ill.  
**Stearns E. C. & Co.**, 450 Onelda, Syracuse, N. Y.

**14719—Tampers (Concrete)**

**Anchor Concrete Stone Co. (Automatic)**, Rock Rapids, Ia.  
**Anderson W. H. Tool & Supply Co.**, Brush & Macomb, Detroit, Mich.

**Arrowsmith Concrete Tool Co. (With Long Handle)**, Arrowsmith, Ill.  
**Barber Asphalt Paving Co. ("Iroquois")**, Buffalo, N. Y.  
**Bond Harold L. Co. ("Andrews")**, 391 Atlantic av, Boston, Mass.  
**Buffum Tool Co. ("Swastika")**, South Side, Louisiana, Mo.  
**Cement Tile Machy. Co. (Power)**, Waterloo, Ia.  
**Columbus Handle & Tool Co.**, Columbus, Ind.  
**Crescent Novelty Mfg. Co. (Iron & Steel)**, 703 S B'way, St. Louis, Mo.  
**Duffy Mfg. Co.**, 214 W Grand av, Chicago, Ill.  
**Dunn Mfg. Co.**, Preble av, N S, Pittsburgh, Pa.  
**Ideal Concrete Machinery Co. (Power)**, 1346 Monmouth av, Cincinnati, O.  
**INGERSOLL-RAND CO.** ("Crown" Pneumatic), 11 B'way, New York  
*See adv index at end of book*  
**Kramer Automatic Tamper Co. ("Kramer")**, Peoria, Ill.  
**Kramer Bros. Foundry Co. ("Gem" Hand)**, Dayton, O.  
**Oshkosh Mfg. Co.**, Oshkosh, Wis.  
**Raber & Lang Mfg. Co. ("Crescent," Power)**, Kendallville, Ind.  
**Ransome Concrete Machinery Co.**, Dunellen, N. J.  
**Rock Island Mfg. Co.**, Rock Island, Ill.  
**Root-Heath Mfg. Co.**, Plymouth, O.  
**South Bend Foundry Co.**, South Bend, Ind.  
**Stortz John & Son**, 210 Vine, Phila., Pa.  
**Wapak Hollow Ware Co.**, Wapakoneta, O.

**14720—Tampers (Dirt & Sod)**

**Brunner & Lay**, 570 W Polk, Chicago, Ill.  
**Burr Co.**, Champaign, Ill.  
**Channon Jas. H. Mfg. Co.**, 227 W Erie, Chicago, Ill.  
**Dunn Mfg. Co. (For Sewer & Trench Work, etc)**, Preble av, N S, Pittsburgh, Pa.  
**Indiana Foundry Co.**, Indiana, Pa.  
**Ingersoll-Rand Co. ("Crown" Pneumatic)**, 11 B'way, New York  
*See adv index at end of book*  
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**Modern Iron Works (Iron Handle)**, Quincy, Ill.  
**Pawling & Harnischfeger Co. (Power for Trenches)**, Milwaukee, Wis.  
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**Swett A. L. Iron Works**, Medina, N. Y.  
**Wapak Hollowware Co.**, Wapakoneta, O.

**14721—\*Tampers (Railroad Ballast)**

**INGERSOLL-RAND CO.** ("Imperial" Pneumatic), 11 B'way, New York  
*See adv index at end of book*

**14722—Tampers (Smoking Pipe)**

**Grammes L. F. & Sons**, Allentown, Pa.

**14723—Tank Fixtures**

**American Valve & Meter Co. ("Page")**, Cincinnati, O.  
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**Caldwell W. E. Co. (Railroad, etc)**, 2270 Brook, Louisville, Ky.  
*See adv index at end of book*  
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*See Boiler Saddles*

**Tank Pulls**

*See Pulls, Closet*

**14724—Tanks (Acid Storage)**

*See also Stoneware, Chemical*

**American Welding Co. (For Mixed, Nitric, Sulphuric & Carbonic Acids, etc)**, Carbondale, Pa.  
**Baltimore Cooperage Co.**, The, cor Hanover Creek, Baltimore, Md.

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*See adv index at end of book*

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**Buckeye Boiler Co.**, Dayton, O.

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**Chicago Bridge & Iron Wks.**, 2015 Old Colony bldg, Chicago, Ill.  
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**Coatesville Boiler Works**, Coatesville, Pa.  
**Columbiana Boiler Co.**, Columbiana, O.  
**Connery & Co.**, 2d & Luzerne, Phila., Pa.  
**Corcoran A. J. (Inc.)**, 761 Jersey City, N. J.

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**Euclid Mfg. Co. ("Euclid" Stone)**, Paden City, W. Va.

**Finch Mfg. Co.**, Scranton, Pa.

**Graver, Wm. Tank Works**, East Chicago, Ind.

**HAMMOND IRON WORKS**, Warren, Pa. *See adv index at end of book*

**Hauser-Stauder Tank Co.**, Cincinnati, O.

**Heggle James G. & Sons**, Joliet, Ill.

**Kennicott Co.**, Chicago Heights, Ill.  
**Kittoe Boiler & Tank Co., Inc.**, Canton, Ohio

**Koven L. O. & Bro. (Wire Mill)**, 154 Ogden av, Jersey City, N. J.

**Lappan Jas. Mfg. Co.**, 20th & Pike, Pittsburgh, Pa.

**McAlleenan Bros. Co.**, 25th & Railroad, Pittsburgh, Pa.

**McNeil Boiler Co.**, Akron, O.

**Mackinnon Boiler & Machine Co.**, 218 N Water, Bay City, Mich.

*See adv index at end of book*

**Manitowoc Engineering Works**, Manitowoc, Wis.

**Morgan Construction Co.**, Worcester, Mass.  
**Muskegon Boiler Works**, Muskegon, Mich.

**New York Central Iron Works Co. Inc.**, Hagerstown, Md.

**Petroleum Iron Works Co.**, Sharon, Pa.

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**Pittsburgh-Des Moines Steel Co.**, 4th & Ross, Pittsburgh, Pa.

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**Ruemmel-Dawley Mfg. Co.**, 3900 Chouteau av, St. Louis, Mo.

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**United Iron Works Co.**, Springfield, Mo.

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**Tanks (Agitating)**

*See Agitators*

**14725—Tanks (Air)**

**Abendroth & Root Mfg. Co.**, Newburgh, N. Y.

**American Iron Works**, Louisville, Ky.  
**American Welding Co. (Welded)**, Carbondale, Pa.

**Atlas Engineering Co.**, Amherst, O.

*See adv index at end of book*

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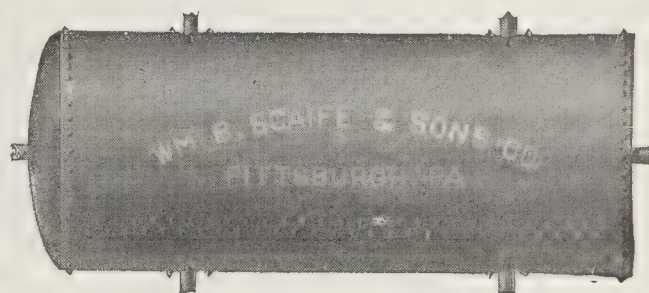
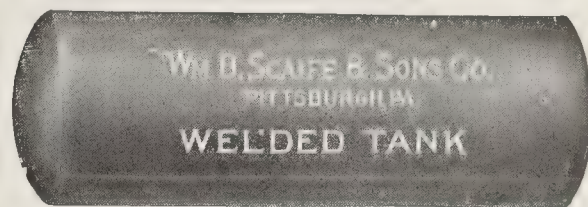
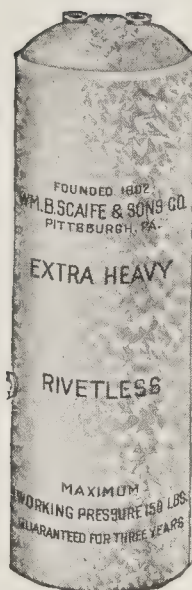
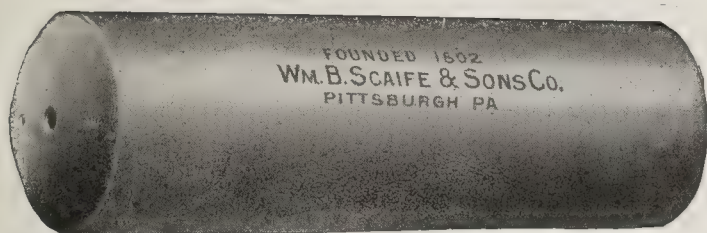
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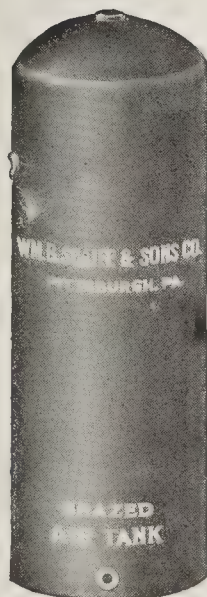
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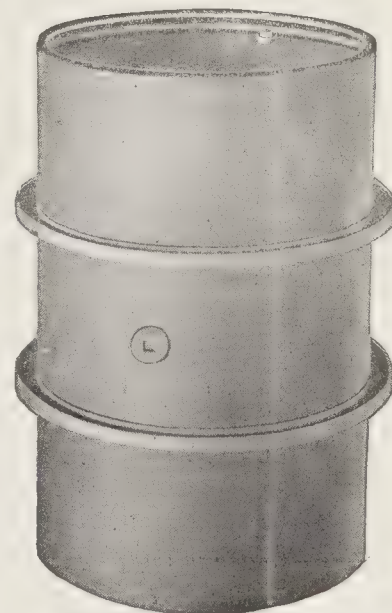
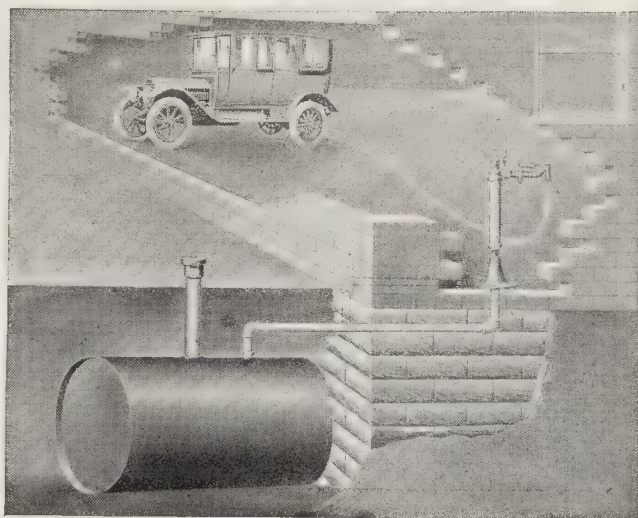
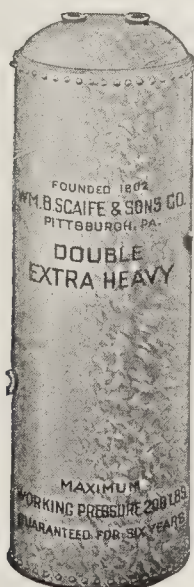
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 Southern Bridge Co., Birmingham, Ala.  
 Springfield Boiler Co., Springfield, Ill.  
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 Struthers-Wells Co., Warren, Pa. *See adv index at end of book*  
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 Titusville Iron Co. (pneumatic), Titusville, Pa.  
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 United Iron Works Co., Springfield, Mo.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Western Drop Forge Co., P. O., Box 386, Marion, Ind. *See adv index at end of book*  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wilson Steam Boiler Co., Omaha, Neb.  
 Worthington Pump & Mach'y Corp., 115 B'way, New York

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 Globe Machinery & Supply Co., Des Moines, Ia.

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 Hammond Iron Works, Warren, Pa. *See adv index at end of book*  
 Hartley Boiler Works, Montgomery, Ala.  
 Heggie James G. & Sons, Joliet, Ill.  
 Kennicott Co., Chicago Heights, Ill.  
 Kewanee Boiler Co., Kewanee, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio

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 McNaul Boiler Mfg. Co., Toledo, O.  
 Michelmann Steel Construction Co., Quincy, Ill.

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 Muskegon Boiler Works, Muskegon, Mich.  
 Nagle Corliss Engine Works, Erie, Pa.  
 National Tube Co. ("SHELBY" Seamless), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

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 Petroleum Iron Works Co., Sharon, Pa.  
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*See Heaters, Asphalt*

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Western Drop Forge Co., P. O. Box 386, Marion, Ind.  
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Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

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Atlas Engineering Co., Amherst, O.

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Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

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Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*



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**14746— Tanks (Condenser)**

Abendroth G. Irving Co., 10 E 43d, New York  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
 Buckeye Boiler Co., Dayton, O.  
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
 Columbiana Boiler Co., Columbiana, O.  
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Frick Co., Waynesboro, Pa.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Leslie Elliott & Co., Paterson, N. J.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 New York Central Iron Wks. Co. Inc., Hagerstown, Md.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Petty J. K. & Co., Lebanon, Pa.  
 Reeves Bros. Co., Alliance, O.  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Smith Samuel & Son Co., Paterson, N. J.  
 Standard Boiler & Plate Iron Co., Niles, Ohio  
 Tippet & Wood, Phillipsburg, N. J.  
 Topeka Steam Boiler Works, Topeka, Kan.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 United Iron Works Co., Springfield, Mo.  
 Warren City Tank & Boiler Co., Warren, O.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wilson Steam Boiler Co., Omaha, Neb.

**14747—Tanks (Congealing & Freezing)**

Brunswick Refrigerating Co., West New Brunswick, N. J.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Southern Boiler & Tank Wks. Co., Memphis, Tenn.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.

**14748— Tanks (Copper)**

American Copper & Brass Works, Cincinnati, O.  
 Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.  
 Deuel Chas. C. Co., Detroit, Mich.  
 Devine J. P. Co., Buffalo, N. Y.  
**GERDES & CO.**, 42 Church, New York  
*See adv index at end of book*  
 Gerstein Bros. & Cooper, 3 W 3d, S Boston, Mass.  
 Huetteman & Cramer Co., Mack & Beaufalt, Detroit, Mich.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Randolph-Clowes Co., Waterbury, Conn.  
 Standard Water Systems Co. ("Tripure"), Hampton, N. J.  
 Stokes F. J. Machine Co. (For Chemical & Metallurgical Purposes), 17th & Cambria, Phila., Pa.  
 Trageser John Steam Copper Works, 447 W 26th, New York  
 Walker Henry L. Co., 197 Iroquois av, Detroit, Mich.  
 Wilcox Engineering Co., 1525 Holland av, Saginaw, Mich.  
 Young Bros. Co., Detroit, Mich.

**14749—\*Tanks (Cottonseed Oil)**

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

**Tanks (Creosoting)**

*See Cylinders, Creosoting*

**14750— Tanks (Cyanide)**

*See also Tanks, Wood*

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Colorado Iron Works Co. (Steel), Denver, Colo.  
 Columbiana Boiler Co., Columbiana, O.  
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Freeman Mfg. Co., Dept. O., Racine, Wis.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
 Hassell Iron Works Co., Colorado Springs, Colo.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 McDermott Bros. Co., Allentown, Pa.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 New York Central Iron Wks. Co. Inc., Hagerstown, Md.  
 Pacific Tank & Pipe Co. (Wooden), Los Angeles, Cal.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Petty J. K. & Co., Lebanon, Pa.  
 Redwood Mfrs. Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.  
 Reeves Bros. Co., Alliance, O.  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Silver Bros. Iron Works Co., Salt Lake City, Utah  
 Standard Boiler & Plate Iron Co., Niles, Ohio  
 Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Worthington Pump & Machinery Corp., 115 B'way, New York

**14751— Tanks (Cylindrical)**

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 Atkinson W. H. Co., Hoboken, N. J.  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.  
**BEGGS, JAMES & CO.**, 30 Warren, New York  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
 Bowser S. F. & Co., Fort Wayne, Ind.  
 Buckeye Boiler Co., Dayton, O.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
 Chicago Bridge & Iron Wks., 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*

Codd E. J. Co., 700 S Carolina, Baltimore, Md.  
 Cole R. D. Mfg. Co., Newman, Ga.  
 Columbiana Boiler Co., Columbiana, O.  
**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Drake-Williams-Mount Co., Omaha, Neb.  
 Graver Wm. Tank Works, E Chicago, Ind.  
 Hartley Boiler Works, Montgomery, Ala.  
 Hassell Iron Works Co., Colorado Springs, Colo.  
 Heggie James G. & Sons, Joliet, Ill.  
 Ironton Punch & Shear Co., Ironton, O.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Kretchmer Mfg. Co., Council Bluffs, Ia.  
 Lake Erie Boiler Works, Buffalo, N. Y.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 McNaul Boiler Mfg. Co., Toledo, O.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Meurer Seal Barrel Co. ("Anchor" Welded Seamless), 567 Flushing av, Brooklyn, N. Y.  
 Muskegon Boiler Works, Muskegon, Mich.  
 Nashville Bridge Co., Nashville, Tenn.  
 New York Central Iron Wks. Co. Inc., Hagerstown, Md.  
 Petty J. K. & Co., Lebanon, Pa.  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Sims Co., 18th & Whitley av, Erie, Pa.  
 Southern Bridge Co., Birmingham, Ala.  
 Springfield Boiler Co., Springfield, Ill.  
 Standard Boiler & Plate Iron Co., Niles, Ohio  
 Star Tank Co., Goshen, Ind.  
 Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*  
 Tippet & Wood, Phillipsburg, N. J.  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.  
 United Iron Works Co., Springfield, Mo.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind.  
*See adv index at end of book*  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wilson Steam Boiler Co., Omaha, Neb.

**Tanks (Cypress)**

*See Tanks, Wood*

**14752— Tanks (Dipping)**

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Beckman Bros., Des Moines, Ia.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.  
 Buckeye Boiler Co., Dayton, O.  
 Bushnell Tank Works, Bushnell, Ill.  
 Caldwell W. E. Co., Brook & D, Louisville, Ky.  
 Columbian Steel Tank Co. (Hog, Sheep, Cattle, etc.), Kansas City, Mo.  
 Columbiana Boiler Co., Columbiana, O.  
 Connery & Co., 2d & Luzerne, Phila., Pa.  
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Dudley & Hanson, Lincoln, Neb.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Graver Wm. Tank Works, E Chicago, Ind.



Hubbard's Norman Sons (Safety for Furniture & Piano Makers' Metal Goods, Electric Fixtures, etc), 265 Water, Brooklyn, N. Y.

Kennicott Co., Chicago Heights, Ill.  
Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Kraft A. C., 323 W Lake, Chicago, Ill.

Kretschmer Mfg. Co., Council Bluffs, Ia.

McNaull Boiler Mfg. Co., Toledo, O.

**MACINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.

*See adv index at end of book*

Manitowoc Engineering Works, Manitowoc, Wis.

Martin Metal Mfg. Co., Wichita, Kansas

Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.

Perfection Metal Products Co., Topeka, Kan.

Petroleum Iron Works Co., Sharon, Pa.

Petty J. K. & Co., Lebanon, Pa.

Reeves Bros. Co., Alliance, O.

Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

*See adv index at end of book*

Sims Co., 18th & Whitley av, Erie, Pa.

South Bend Spark Arrester Co., South Bend, Ind.

Star Tank Co., Goshen, Ind.

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

Warren City Tank & Boiler Co., Warren, Ohio

Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

**14753—Tanks (Electro Platers')**

German - American Stoneware Works (Stoneware), 50 Church, New York

Sperry D. R. & Co., North Aurora, Ill.

Welded Steel Barrel Corp. (Welded Steel), Hart av & Charlevoix, Detroit, Mich.

**14753a—\*Tanks (Enameled Storage)**

**ELYRIA ENAMELED PRODUCTS CO.**, Elyria, O. *See adv index at end of book*

**14754—Tanks (Evaporator)**

Baeuerle & Morris, 932 N Front, Phila., Pa.

Bethlehem Foundry & Machine Co., Bethlehem, Pa.

Hammond Iron Works, Warren, Pa.

*See adv index at end of book*

**14755—Tanks (Expansion)**

Andrews Heating Co. ("Andrews"), Minneapolis, Minn.

Atlas Engineering Co., Amherst, O.

*See adv index at end of book*

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.

*See adv index at end of book*

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

Cody Jos. & Sons, Peoria, Ill.

Columbiana Boiler Co., Columbiana, O.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Devine J. P. Co., Buffalo, N. Y.

Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Drake-Williams-Mount Co., Omaha, Neb.

Eastern Range Boiler & Welding Co. (Rivetless), Conshohocken, Pa.

Farrar & Trefts, Buffalo, N. Y.

Frost Mfg. Co., Galesburg, Ill.

Hibbs E. A., Bread & Quarry, Phila., Pa.

Hopson & Chapin Mfg. Co. (Cast Iron Automatic Feed), New London, Conn.

Horgan Supply Co., St. Joseph, Mo.

Kennicott Co., Chicago Heights, Ill.

Koven L. O. & Bro. (And Anti-Expansion), 154 Ogden av, Jersey City, N. J.

Lawler Regulator Co. ("Lawler's" Automatic), 55 W Houston, New York

McNaull Boiler Mfg. Co., Toledo, O.

Manitowoc Engineering Works, Manitowoc, Wis.

Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.

Mott J. L. Iron Works, 118 5th av, New York

Murray Iron Works Co., Burlington, Ia.

New York Central Iron Wks. Co. Inc., Hagerstown, Md.

Page Wm. H. Boiler Co., 141 W. 36th, New York

Penna. Range Boiler Co., 2024 N 10th, Phila., Pa.

Petty J. K. & Co., Lebanon, Pa.

Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

Reeves Bros. Co., Alliance, O.

Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

*See adv index at end of book*

Sims Co., 18th & Whitley av, Erie, Pa.

Springfield Boiler Co., Springfield, Ill.

Star Boiler Works, Clinton, Ia.

Thompson Iron Works, 1825 Callowhill, Phila., Pa.

Trageser John Steam Copper Works, 477 W 26th, New York

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

Treadwell M. H. Co., 140 Cedar, New York

Tudor Boiler Mfg. Co., 715 3d, Cincinnati, O.

Walker & Pratt Mfg. Co. (Galvanized Steel), 31 Union, Boston, Mass.

Warren City Tank & Boiler Co., Warren, O.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

Wood John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

**14756—Tanks (Faucet)**

Chapin R. E. Mfg. Works (Galvanized), Batavia, N. Y.

Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.

Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 567 Flushing av, Brooklyn, N. Y.

Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.

New York Oil Cabinet Co. ("Wiley"), 113 Walker, New York

Rochester Can Co. ("Iron Horse"), Rochester, N. Y. *See adv index at end of book*

St. Louis Metalware Co. (& Oil), 2507 N B'way, St. Louis, Mo.

Sexton Can Co., 228 Franklin, Boston, Mass.

**14757—Tanks (Filter)**

Abendroth & Root Mfg. Co., Newburgh, N. Y.

American Water Softener Co., 10th & Chestnut, Phila., Pa.

Atlas Engineering Co., Amherst, O.

*See adv index at end of book*

Baltimore Cooperage Co., The (Wooden), cor Hanover & Creek, Baltimore, Md.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Bowser S. F. & Co., Ft. Wayne, Ind.

Buckeye Boiler Co., Dayton, O.

Caldwell W. E. Co., Brook & D, Louisville, Ky.

Columbiana Boiler Co., Columbiana, O.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Drake-Williams-Mount Co., Omaha, Neb.

Frick Co., Waynesboro, Pa.

Graver Wm. Tank Works, East Chicago, Ind.

Hammond Iron Works, Warren, Pa.

*See adv index at end of book*

Kennicott Co., Chicago Heights, Ill.

Kittoe Boiler & Tank Co. Inc., Canton, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.

Lookout Boiler Mfg. Co., Chattanooga, Tenn.

McDermott Bros. Co., Allentown, Pa.

McNeil Boiler Co., 96 Crozier, Akron, O.

Manitowoc Engineering Works, Manitowoc, Wis.

Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.

New York Central Iron Wks. Co., Inc., Hagerstown, Md.

Petroleum Iron Works Co., Sharon, Pa.

Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

Reeves Bros. Co., Alliance, O.

Richmond Water Softener Co., Richmond, Ind.

Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

**SCAIFE WM. B. & SONS**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

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Sims Co., 18th & Whitley av, Erie, Pa.

Sotter Bros., Pottstown, Pa.

Standard Boiler & Plate Iron Co., Niles, O.

Tippett & Wood, Phillipsburg, N. J.

Topeka Steam Boiler Works, Topeka, Kans.

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.

Turl Iron & Car Co., Inc., The, 50 Broad, New York. Works: Newburgh, N. Y.

United Iron Works Co., Springfield, Mo.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Warren City Tank & Boiler Co., Warren, O.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

**14758—Tanks (Fire Extinguisher)**

Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Columbiana Boiler Co., Columbiana, O.

Hartley Boiler Works, Montgomery, Ala.

Kittoe Boiler & Tank Co. (Inc.), Canton, O.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

Reeves Bros. Co., Alliance, O.

Rex-Harris Fire Appliance Co., 39 E 19th, New York

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York

*See adv index at end of book*

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

**14759—Tanks (Fire Pail)**

Hayward S. F. & Co., 250 W 54th, New York

Rochester Can Co. ("Iron Horse"), Rochester, N. Y.

*See adv index at end of book*

Rowe A. C. & Son, 33 Reade, New York

Whitaker-Glessner Co. (Wheeling Corrugating Dept.), ("Corco"), Wheeling, W. Va.

**14760—Tanks (Flush)**

Excel Mfg. Co. (Syphons for Sewage & Water), Pottersville, N. J.

Merritt Hydraulics Co. ("Merritt," Water Saving for Sewers), 110 N Broad, Phila., Pa.

Pacific Flush Tank Co. ("De La Hunt," also "Miller" Automatic Siphon for Flushing Sewers), 4241 Ravenswood av, Chicago, Ill.

Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

Stary Frank & Sons (Automatic Syphons), Cedar Rapids, Ia.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

**14761—Tanks (Fuel Oil)**

Abendroth & Root Mfg. Co., Newburgh, N. Y.

Atkinson W. H. Co., Hoboken, N. J.

Atlas Engineering Co., Amherst, O.

*See adv index at end of book*

Baltimore Cooperage Co., Cor Hanover & Creek, Baltimore, Md.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Buckeye Boiler Co., Dayton, O.

Butler Mfg. Co., Kansas City, Mo.

Caldwell W. E. Co., Brook & D, Louisville, Ky.

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*



Coatesville Boiler Works, Coatesville, Pa.  
 Codd E. J. Co., 700 S Carolina, Baltimore, Md.  
 Columbiana Boiler Co., Columbiana, O.  
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Freeman Mfg. Co., Racine, Wis.  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker"), Springfield, Mass. *See adv index at end of book*  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hartley Boiler Works, Montgomery, Ala.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, O.  
 Knox Pressed & Welded Steel Co., Pittsburgh, Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
**Kraft A. C., 323 W Lake, Chicago, Ill.**  
 Lappan Jas Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Littleford Bros., 444 E Pearl, Cincinnati, O.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.  
 McDermott Bros. Co., Allentown, Pa.  
 McNaull Boiler Mfg. Co., Toledo, O.  
 McNeil Boiler Co., 96 Crozier, Akron, O.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich. *See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Martin Metal Mfg. Co., Wichita, Kans.  
 Mertz John Mfg. Co., Sandusky, O. *See adv index at end of book*  
 Perfection Metal Products Co., Topeka, Kan.  
 Petroleum Iron Works Co., Sharon, Pa.  
**Petty J. K. & Co., Lebanon, Pa.**  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*  
 Reeves Bros. Co., Alliance, O.  
 Rockwell W. S. Co., 50 Church, New York *See adv index at end of book*  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*  
 Sims Ca., 18th & Whitley av, Erie, Pa.  
 Southern Bridge Co., Birmingham, Ala.  
 Springfield Boiler Co., Springfield, Ill.  
 Star Tank Co. (Gal'd), Goshen, Ind.  
 Tippet & Wood, Phillipsburg, N. J.  
 Topeka Steam Boiler Works, Topeka, Kans.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
**Treadwell M. H. Co. of Ill., 203 S La Salle, Chicago, Ill.**  
 Union Iron Works, Hoboken, N. J.  
 United Iron Works Co., Springfield, Mo.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, O.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*  
 Wilson Steam Boiler Co., Omaha, Neb.

#### 14762—Tanks (Galvanized Steel)

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 Aermotor Co., 1146 S Campbell, Chicago, Ill.  
 Alamo Iron Works, San Antonio, Tex.  
**AMERICAN CAN CO., 120 Broadway, New York** *See adv index at end of book*  
 Appleton Mfg. Co., Batavia, Ill.  
 Badger Steel Roofing Corrugating Co., La Crosse, Wis.  
 Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
 Barnes & Nuss Co., Frand Forks, N. D.  
 Beckman Bros., Des Moines, Ia.  
 Bowser S. F. & Co., Fort Wayne, Ind.  
 Buch's A. Sons Co., Elizabethtown, Pa.  
 Bushnell Tank Works (Stock & Storage), Bushnell, Ill.  
 Butler Co., Butler, Ind.  
 Butler Mfg. Co., Kansas City, Mo.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
 Celina Mfg. Co., Celina, O.

Challenge Co., Batavia, Ill.  
 Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.  
 Clark W. J. Co., Salem, O.  
 Clippinger A. B. & Son, Kansas City, Kans.  
 Collins Iron Works, Phelps, N. Y.  
 Columbian Steel Tank Co., Kansas City, Mo.  
 Columbiana Boiler Co., Columbiana, O.  
 Corrugated Metal Co. (Corrugated Stock, Storage, etc), Emporia, Kans.  
 Crawfordville Wire & Nail Co., Crawfordville, Ind.  
 Dempster Mill Mfg. Co., Beatrice, Neb.  
**Detroit Range Boiler Co., 619 24th, Detroit, Mich.**  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Duplex Mfg. Co., Superior, Wis.  
 East Birmingham Iron Roofing Co., Birmingham, Ala.  
**EDWARDS MFG. CO., 545-565 Eggleston av, Cincinnati, O.** *See adv index at end of book*  
**Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.**  
 Ferguson Mfg. Co., Dubuque, Ia.  
 Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.  
 Franklin Galvanized Ware Mfg. Co., Franklin, Ind.  
 Freeland B. F. Sons Co., Sturgis, Mich.  
 Friedley-Voskardt Co. (Inc.) (Also Iron), 733 S Halsted, Chicago, Ill.  
 Gedge Bros. Iron Roofing Co., Anderson, Ind.  
 Gehl Bros. Mfg. Co., West Bend, Wis.  
 Glor Bros. & Willis Mfg. Co., Attica, N. Y.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Greenville Mfg. Co., Greenville, O.  
 G. & D. Mfg. Co., Streator, Ill.  
 Harry Bros. Co. ("Harry's," Corrugated & "K-DD," Galvanized Iron), Carr & I. C. R. R., New Orleans, La.  
**Harry Bros. Co. (Corrugated), Dallas, Tex**  
 Harry O. K. Steel Co., 2333-35 Papin, St. Louis, Mo.  
 Harry O. K. Steel Works (Corrugated Stock, Storage, Railroads, Grain, Wagon, etc), Dallas, Texas  
 Hawkeye Pump Co., Fairfield, Ia.  
 Heller-Aller Co., Napoleon, O.  
 Hunt & Dorman Mfg. Co. (Iron Storage), 1600 E 24th, Cleveland, O.  
 Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.  
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.  
 Kelly Foundry & Machine Co., Goshen, Ind.  
 Kennicott Co., Chicago Heights, Ill.  
 Kewanee Boiler Co., Kewanee, Ill.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
**Kraft A. C., 323 W Lake, Chicago, Ill.**  
 Kretchmer Mfg. Co., Council Bluffs, Ia.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
**McDermott Bros. Co., Allentown, Pa.**  
 Martin Metal Mfg. Co., Wichita, Kans.  
 Mast, Foos & Co., Springfield, O.  
 Messenger & Parks Mfg. Co. (Storage, Watering, etc), Aurora, Ill.  
 Meurer Steel Barrel Co. (Welded Seamless), 567 Flushing av, Brooklyn, N. Y.  
 Miller & Hoy Mfg. Co., Kendallville, Ind.  
 Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.  
 Morrison Bros., Dubuque, Ia.  
**Muenzenmayer J. J. & W. F. (Iron Stock), Junction City, Kan.**  
 National Boiler & Sheet Iron Works, Indianapolis, Ind.  
 Nebraska & Iowa Steel Tank Co., Omaha, Neb.  
 New York Central Iron Wks. Co., Inc., Hagerstown, Md.  
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.  
 Niles Steel Tank Co., Niles, Mich.  
 North Dakota Metal Culvert Co., Fargo, N. D.  
 Northfield Iron Co., Northfield, Minn.  
 Oakes & Burger Co., Cattaraugus, N. Y.  
 Ohio Galvanizing & Mfg. Co. (Steel), Niles, Ohio  
 Panama Tank Co. (Corrugated), Carr av & I. C. R. R., New Orleans, La.  
 Penna. Furnace & Stove Co., Warren, Pa.  
 Perfection Metal Products Co., Topeka, Kans.  
 Perkins Wind Mill Co., Mishawaka, Ind.  
 Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.  
 Phillips & Buttorff Mfg. Co. (Iron), Nashville, Tenn.

Pidgeon-Thomas Iron Co., Memphis, Tenn.  
 Pioneer Mfg. Co., Middlebury, Ind.  
 Red King Co., Wauseon, O.  
 Richmond Water Softener Co., Richmond, Ind.  
 Ross Supply Co., Greenville, O.  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.  
 St. Paul Roofing Cornice & Ornament Co., West St. Paul, Minn.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*  
 Severence Tank & Silo Co., Lansing, Mich.  
 Sexton Can Co., 228 Franklin, Boston, Mass.  
 South Atlantic Blow Pipe & Sheet Metal (Iron), Savannah, Ga.  
 South Bend Spark Arrester Co., South Bend Ind.  
 Star Tank Co., Goshen, Ind.  
 Tokheim Mfg. Co., Cedar Rapids, Ia.  
 Trachte Bros. Co., Madison, Wis.  
 U. S. Wind Engine & Pump Co., Batavia, Ill.  
 Vernier Mfg. Co., Cedar Rapids, Ia.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Waterloo Mfg. Co. (Stock, Storage, Creamery, etc), Waterloo, Ia.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.  
 Woodmanse Mfg. Co., Freeport, Ill.

#### 14763—Tanks (Garbage Wagon, Steel)

Buckeye Boiler Co., Dayton, O.  
 McDermott Bros. Co., Allentown, Pa.  
 Sims Co., 18th & Whitley av, Erie, Pa.

#### 14764—Tanks (Gas Engine Cooling)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O. *See adv index at end of book*  
 Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
 Bushnell Tank Works, Bushnell, Ill.  
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
 Columbiana Boiler Co., Columbiana, O.  
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
**Kraft A. C., 323 W Lake, Chicago, Ill.**  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
 Roseland Can & Specialty Co., Rockford, Ill.  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*  
 Sexton Can Co., 228 Franklin, Boston, Mass.  
 Struthers-Wells Co., Warren, Pa. *See adv index at end of book*  
 Warren City Tank & Boiler Co., Warren, O.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

#### 14765-6—Tanks (Gasoline)

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 Air Tight Steel Tank Co. (Storage for Motor Cars, etc), Gloster & B. & O. R. R., Pittsburgh, Pa.  
 Allsteelquip Co., Aurora, Ill.  
**AMERICAN CAN CO.** (Underground Storage), 120 Broadway, New York *See adv index at end of book*  
 American Iron Works, Louisville, Ky.  
 American Oil Pump & Tank Co. (Underground Storage), Cincinnati, O.  
 Atkinson W. H. Co., Hoboken, N. J.  
 Atlas Engineering Co., Amherst, O. *See adv index at end of book*  
 Baltimore Cooperage Co., cor Hanover & Creek, Baltimore, Md.  
 Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O. *See adv index at end of book*  
 Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
 Bowser S. F. & Co. (Self-Measuring), Fort Wayne, Ind.  
 Buckeye Boiler Co. (Underground Storage), Dayton, O.



Burton W. J. Co. (Automobile), Junction & Leavitt avs, Detroit, Mich.  
 Bushnell Tank Works, Bushnell, Ill.  
 Eutler Mfg. Co., Kansas City, Mo.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
**Case J. I. Threshing Machine Co. (Portable)**, Racine, Wis.  
 Clayton & Lambert Mfg. Co. (Automobile), 205 Piquette av, E Detroit, Mich.  
 Coatesville Boiler Works, Coatesville, Pa.  
 Codd E. J. Co., 700 So. Caroline, Baltimore, Md.  
 Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.  
 Columbiana Boiler Co., Columbiana, O.  
 Detroit Range Boiler Co. (Galvanized), 619 24th, Detroit, Mich.  
**DOVER BOILER WORKS**, Sales Office, 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Franklin Galvanized Ware Mfg. Co. (Galvanized), Franklin, Ind.  
**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker" Underground Storage), Springfield, Mass.  
*See adv index at end of book*  
 Goblet Wm. H., 32 Old Slip, N. Y.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hamburg Boiler Works (Storage), Hamburg, Berks Co., Pa.  
 Heil Co., Milwaukee, Wis.  
 International Boiler Works Co., East Stroudsburg, Pa.  
 Kellogg W. M. Co. (Welded), 90 West, New York *See adv index at end of book*  
 Kelly Foundry & Machine Co., Goshen, Ind.  
 Kewanee Private Utilities Co. (Storage), Kewanee, Ill.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Kraft A. C. ("Number Ten"), 323 W Lake, Chicago, Ill.  
 Kretschmer Mfg. Co., Council Bluffs, Ia.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Leader Iron Works, 201 Jasper, Decatur, Ill.  
 Martin Metal Mfg. Co., Wichita, Kan.

## JOHN MERTZ MFG. CO. SANDUSKY, OHIO

GASOLINE AND WATER TANKS,  
EAVE TROUGHS, STOVE PIPES,  
VENTILATORS, SKYLIGHTS

Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 567 Flushing av, Brooklyn, N. Y.  
 Michigan Stamping Co., Detroit, Mich.  
 Morrison Bros., Dubuque, Ia.  
 National Enameling & Stamping Co. (Underground Storage), 1901 Light, Baltimore, Md.  
 Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.  
 New York Central Iron Wks. Co., Inc., Hagerstown, Md.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Petty J. K. & Co., Lebanon, Pa.  
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.  
 Produce Supply Co., Franklin, Pa.  
 Reeves Bros. Co., Alliance O.  
 Rochester Can Co. (Galv. Iron with Lock Faucet), Rochester, N. Y.  
*See adv index at end of book*  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
 Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Saginaw Sheet Metal Works, Saginaw, Mich.  
 St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.** (Storage, Launch, Underground, etc), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

Sims Co., 18th & Whitley av, Erie, Pa.  
 South Bend Spark Arrester Co. (Galvanized), South Bend, Ind.  
 Springfield Boiler Co., Springfield, Ill.  
 Star Tank Co. (Galv.), Goshen, Ind.  
 Texas Co., 17 Battery pl, New York  
 Tippet & Wood, Phillipsburg, N. J.  
 Tirrill Gas Machine Lighting Co., 103 Park av, New York  
 Tokheim Mfg. Co., Cedar Rapids, Ia.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, O.  
 Wayne Oil Tank & Pump Co., Fort Wayne, Ind.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wilson F. Cortez Co., 323 W Lake, Chicago, Ill.  
 Wilson Steam Boiler Co., Omaha, Neb.  
 Wood John Mfg. Co. (Electric Welded), Conshohocken, Pa.

### Tanks (Glass Enameled Steel)

See Tanks, Steel, Glass Enameled

### Tanks (Grain Elevator)

See Tanks, Grain Storage

### 14767—Tanks (Grain Storage)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bros. Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.  
 Buckeye Boiler Co., Dayton, O.  
 Bushnell Tank Works, Bushnell, Ill.  
 Caldwell W. E. Co., Brook & D, Louisville, Ky.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Columbiana Boiler Co., Columbiana, O.  
**DOVER-BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, Ohio  
 Freeman Mfg. Co., Dept. O., Racine, Wis.  
 Guerber Engineering Co., Bethlehem, Pa.  
**HAMMOND IRON WORKS**, Warren, Pa.  
*See adv index at end of book*  
 Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.  
 Heggie James G. & Sons, Joliet, Ill.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 Knox Pressed Steel Co., Pittsburgh, Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Kretschmer Mfg. Co., Council Bluffs, Ia.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 McDermott Bros. Co., Allentown, Pa.  
 McNaull Boiler Mfg. Co., Toledo, O.  
 McNeil Boiler Co., 96 Crozier, Akron, O.  
**MACINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Martin Metal Mfg. Co., Wichita, Kansas  
 Michelmann Steel Construction Co., Quincy, Ill.  
 Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
 Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.  
 Northfield Iron Co., Northfield, Minn.  
 Panama Tank Co. (Corrugated, Galvanized Steel), Carr av & I. C. R. R., New Orleans, La.  
 Petty J. K. & Co., Lebanon, Pa.  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pollock Wm. B. Co., Youngstown, O.  
 Riter-Conley Co., Pittsburgh, Pa.

Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 St. Paul Roofing, Cornice & Ornament Co. (Galvanized Steel), W St. Paul, Minn.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Schaefer Mfg. Co., Birmingham, Ala.  
 Southern Boiler & Tank Works, Memphis, Tenn.  
 Springfield Boiler Co., Springfield, Ill.  
 Standard Boiler & Plate Iron Co., Niles, Ohio  
 Tippet & Wood, Phillipsburg, N. J.  
 Topeka Steam Boiler Works, Topeka, Kans.  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
 Tulsa Boiler & Machy. Co., Tulsa, Okla.  
 United Iron Works Co., Springfield, Mo.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*  
 Western Iron & Foundry Co., Wichita, Kansas  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wiederholdt Construction Co. ("Wiederholdt" System Reinforced Tile & Concrete), Old Bank of Commerce, St. Louis, Mo.  
 Wilson Steam Boiler Co., Omaha, Neb.

### 14768—Tanks (Hard Rubber)

American Hard Rubber Co. (For Chemical Plants, etc), 9 Mercer, New York

### Tanks (High Pressure)

See Tanks, Pressure

### 14769—\*Tanks (Hot Air)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

### Tanks (Hot Water)

See Tanks, Steel, Hot Water Storage

### Tanks (Hydrogen & Oxygen)

See Cylinders, Hydrogen & Oxygen

### 14770—Tanks (Hydro-Pneumatic)

American Welding Co., Carbonadle, Pa.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Domestic Engine & Pump Co., Shippensburg, Pa.  
 Graver Wm. Tank Works, E Chicago, Ind.  
 Hartley Boiler Works, Montgomery, Ala.  
 Heggie James G. & Sons, Joliet, Ill.  
 International Boiler Works Co., East Stroudsburg, Pa.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Nagle Engine & Boiler Works, Erie, Pa.  
 Pennsylvania Boiler Works, Erie, Pa.  
 Petroleum Iron Works Co., Sharon, Pa.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Sims Co., 18th & Whitley av, Erie, Pa.

### Tanks (Ice)

See Ice Tanks & Pans

### 14771—Tanks (Indurated Fibre)

Fibre Corporation, Lockport, N. Y.

### Tanks (Iron)

See Tanks, Steel

### 14772—Tanks (Jacketed)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*



Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.  
*See adv index at end of book*  
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Petty J. K. & Co., Lebanon, Pa.  
 Southern Boiler & Tank Works, Memphis, Tenn.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

### 14773—Tanks (Knock-Down)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Butler Mfg. Co., Kansas City, Mo.  
 Codd E. J. Co., 700 So. Caroline, Baltimore, Md.  
 Ferguson Mfg. Co., Dubuque, Ia.  
 Fouts C. C. Co. ("Duro"), 650 Woodlawn av., Middletown, O.  
 Graver Wm., Tank Works, East Chicago, Ind.  
 Harry Bros. Co. ("Harry's," Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.  
 Kelly Foundry & Machine Co., Goshen, Ind.  
 Klauer Mfg. Co. (Galvanized), Dubuque, Ia.  
 Kretchmer Mfg. Co. (Galvanized or Steel), Council Bluffs, Ia.  
 Littleford Bros., 444 E Pearl, Cincinnati, O.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Martin Metal Mfg. Co., Wichita, Kans.  
 Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.  
 Perfection Metal Products Co., Topeka, Kans.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av., St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Southern Boiler & Tank Wks. Co., Memphis, Tenn.  
 Star Tank Co. (Galv.), Goshen, Ind.  
 Trachte Bros. Co., Madison, Wis.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Wilson Steam Boiler Co., Omaha, Nebr.

### 14774—Tanks (Lead)

Badger E. B. & Sons Co. (Also Lead Lined), 75 Pitts, Boston, Mass.  
 Chadwick-Boston Lead Co., Boston, Mass.

### 14775—Tanks (Lead or Copper Lined)

Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.  
 Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.  
 Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
 Hauser-Stander Tank Co. (Lead Lined), 2116 Division, Cincinnati, O.

### 14776—Tanks (Lighting System)

Best Light Co., Canton, O.  
 Carbic Mfg. Co., 301 S 55th av., Duluth, Minn.  
 Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
 Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Federal Pressed Steel Co., Keefe av & North Pierce, Milwaukee, Wis.  
 Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
 Kennicott Co., Chicago Heights, Ill.  
 Pressed Steel Tank Co., 58th & Greenfield av., Milwaukee, Wis.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

### 14777—Tanks (Lubricating Oil Storage)

*See also Cabinets, Oil*  
**AMERICAN CAN CO.**, 120 Broadway, New York *See adv index at end of book*  
 American Oil Pump & Tank Co. (With Self-Measuring Pump, etc), Cincinnati, O.  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Beman Automatic Oil Can Co. ("Beman"), Meadville, Pa.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Blanke W. F. Can & Mfg. Co., 116 Pine, St. Louis, Mo.  
 Bowser S. F. & Co., Fort Wayne, Ind.  
 Butler Mfg. Co., Kansas City, Mo.  
 Cement Stave Silo Co., Des Moines, Ia.  
 Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.  
 Columbiana Boiler Co., Columbiana, O.  
 Delphos Mfg. Co. (Non-Overflowing), 1st & Pierce, Delphos, O.  
 Drake-Williams-Mount Co., Omaha, Neb.  
 Eastern Oil Tank Co. (Underground, etc., Fitted With Self-Measuring Pump), Lowell, Mass.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Heggie James G. & Sons, Joliet, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio  
 Kraft A. C. ("Number Nine," "W. & E.," "Aztec" & "Zetroc"), 323 W Lake, Chicago, Ill.  
 McDermott Bros. Co., Allentown, Pa.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 567 Flushing av., Brooklyn, N. Y.  
 Milwaukee Tank Works ("Milwaukee," "Kant Leek"), 156 Clinton, Milwaukee, Wis.  
 Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.  
 Petty J. K. & Co., Lebanon, Pa.  
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Pittsburgh Gage & Supply Co. ("White Star"), 30th & Liberty av., Pittsburgh, Pa.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av., St. Louis, Mo.  
 St. Louis Metalware Co., 2507 N. B'way, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Sexton Can Co. ("Sexton's" Adjustable), Boston, Mass.  
 Southern Boiler & Tank Works, Memphis, Tenn.  
 Star Tank Co. (Galv.), Goshen, Ind.  
 Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*  
 Tokheim Mfg. Co. (Dry Cleaners & Paint Oils), Cedar Rapids, Ia.  
 Trachte Bros. Co., Madison, Wis.  
 Treadwell M. H. Co., of Ill., 208 S La Salle, Chicago, Ill.  
 Turner Oil Filter Co. ("Turner"), Niles, Mich.  
 "Vac" Liquid Equipment Co., Cedar Rapids, Ia.  
 Wall P. Mfg. & Supply Co., 705 Preble av., Pittsburgh, Pa.

### 14778—\*Tanks (Milk)

**ELYRIA ENAMELED PRODUCTS CO.**, THE (Glass Enameled), Elyria, O.  
*See adv index at end of book*

### 14778a—Tanks (Mixing)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The (Wooden Mixing), cor Hanover & Creek, Baltimore, Md.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bowser S. F. & Co., Ft. Wayne, Ind.  
 Buckeye Boiler Co., Dayton, O.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Codd E. J. Co., 700 So. Caroline, Baltimore, Md.

Columbiana Boiler Co., Columbiana, O.  
 Devine J. P. Co., Buffalo, N. Y.  
 Dover Boiler Works, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Grammes L. F. & Sons, Allentown, Pa.  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
 Heggie James G. & Sons, Joliet, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, O.  
 Koven L. O. & Bro. (Square & Deep), 154 Ogden av., Jersey City, N. J.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Leslie Elliott & Co., Paterson, N. J.  
 McDermott Bros. Co., Allentown, Pa.  
 McNaull Boiler Mfg. Co., Toledo, O.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 New York Central Iron Wks. Co., Inc., Hagerstown, Md.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Smith Samuel & Son Co., Paterson, N. J.  
**TURL IRON & CAR CO. (INC.)**, THE, 50 Broad, New York. Works: Newburgh, N. Y.  
 Warren City Tank & Boiler Co., Warren, O.  
 Werner & Pfeiderer Co., Saginaw, Mich.  
*See adv index at end of book*  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

### 14779—Tanks (Molasses)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bovard & Seyfang Mfg. Co., Bradford, Pa.  
 Buckeye Boiler Co., Dayton, O.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Columbiana Boiler Co., Columbiana, O.  
 Connery & Co., 2d & Luzerne, Phila., Pa.  
**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Graver Wm. Tank Works, East Chicago, Ind.  
**HAMMOND IRON WORKS**, Warren, Pa.  
*See adv index at end of book*  
 Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co. (Inc.), Canton, O.  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Leslie Elliott & Co., Paterson, N. J.  
 Littleford Bros., 444 E Pearl, Cincinnati, O.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 McDermott Bros. Co., Allentown, Pa.  
**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Missouri Boiler & Sheet Iron Works, 23rd & Poplin, St. Louis, Mo.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Petty J. K. & Co., Lebanon, Pa.  
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Reeves Bros. Co., Alliance, O.  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av., St. Louis, Mo.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Smith Samuel & Son Co., Paterson, N. J.  
 Southern Boiler & Tank Works, Memphis, Tenn.



Standard Boiler & Plate Iron Co., Niles, O.  
Struthers-Wells Co., Warren, Pa.

*See adv index at end of book*

Tippett & Wood, Phillipsburg, N. J.  
Trachte Bros. Co., Madison, Wis.

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

**TURL IRON & CAR CO. (INC.)**, THE, 50 Broad, New York. Works: Newburgh, N. Y.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Warren City Tank & Boiler Co., Warren, O.  
Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Wilson Steam Boiler Co., Omaha, Neb.

#### 14780—\*Tanks (Molasses Heating)

**BIGGS BOILER WORKS CO.**, Case & Williams, Akron, O.  
*See adv index at end of book*

#### 14781—\*Tanks (Motor Boat)

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

#### 14782—\*Tanks (Muffle)

Dover Boiler Works. Sales Office. 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

#### 14783—\*Tanks (Naphtha)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

#### 14784—Tanks (Oil Storage)

*See also Tanks, Lubricating Oil Storage*  
Abendroth & Root Mfg. Co., Newburgh, N. Y.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*  
American Bridge Co., 30 Church, New York

**AMERICAN CAN CO.**, 120 Broadway, New York *See adv index at end of book*  
American Welding Co., Carbondale, Pa.

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

Bass Foundry & Machine Co., Ft. Wayne, Ind.

Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*

Black Sivalls & Bryson, Bartlesville, Okla.

Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
Bowser S. F. & Co. (Paint Lpblicants), Fort Wayne, Ind.

Buckeye Boiler Co., Dayton, O.  
Bushnell Tank Works (Steel & Wood), Bushnell, Ill.

Butler Mfg. Co., Kansas City, Mo.  
Caldwell W. E. Co. (500 to 100,000 Gallons), 2270 Brook, Louisville, Ky.  
*See adv index at end of book*

Casey-Hedges Co., Chattanooga, Tenn.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*  
Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.

Codd E. J. Co., 700 So. Caroline, Baltimore, Md.

Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.

Columbiana Boiler Co., Columbiana, O.  
Connelly D. Boiler Co. ("Connelly" Oil Transportation), Cleveland, O.

Connery & Co., 2d & Luzerne, Phila., Pa.  
Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Cruse-Kemper Co., Ambler, Pa.

Deily & Fowler Mfg. Co., 39 Laurel, Phila., Pa.

Delphos Mfg. Co. (Non-Overflowing), 1st & Pierce, Delphos, O.

**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Downingtown Iron Wks., East Downingtown, Pa.

Drake-Williams-Mount Co., Omaha, Neb.

Eastern Oil Tank Co., Lowell, Mass.

Farrar & Trefts, Buffalo, N. Y.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Freeman Mfg. Co., Racine, Wis.

Gas Machinery Co., 1900 Euclid av, Cleveland, O.

**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker"), Springfield, Mass.  
*See adv index at end of book*

Graver Wm. Tank Works, E Chicago, Ind.  
**HAMMOND IRON WORKS**, Warren, Pa.  
*See adv index at end of book*

Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.

Hartley Boiler Works, Montgomery, Ala.

Hauser-Standard Tank Co., Cincinnati, O.

Heggie James G. & Sons, Joliet, Ill.

International Boiler Works Co., East Stroudsburg, Pa.

Kellogg M. W. Co. (Welded), 90 West, New York. *See adv index at end of book*

Kennicott Co., Chicago Heights, Ill.

Kewanee Boiler Co., Kewanee, Ill.

Kittoe Boiler & Tank Co. (Inc.), Canton, Ohio

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Kraft A. C., 323 W Lake, Chicago, Ill.

Kretschmer Mfg. Co., Council Bluffs, Ia.

Lacy Mfg. Co., Los Angeles, Cal.

Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.

Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Lookout Boiler Mfg. Co., Chattanooga, Tenn.

McDermott Bros. Co., Allentown, Pa.

McNaull Boiler Mfg. Co., Toledo, O.

McNeil Boiler Co., 96 Crozier, Akron, O.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*

Manitowoc Engineering Works, Manitowoc, Wis.

Meurer Steel Barrel Co. ("Anchor" Welded Seamless), 567 Flushing av, Brooklyn, N. Y.

Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.

Monarch Engineering & Mfg. Co., American bldg, Baltimore, Md.

Morrison Bros., Dubuque, Ia.

Nashville Bridge Co., Nashville, Tenn.

National Supply Co. (Fuel Oil Storage), 416 W Grand av, Chicago, Ill.

New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.

New York Central Iron Wks. Co., Inc., Hagerstown, Md.

**NUGENT, WM. W. & CO.**, 146 W. Superior, Chicago, Ill.  
*See adv index at end of book*

Pacific Tank & Pipe Co., Los Angeles, Cal.

Petroleum Iron Works Co., Sharon, Pa.

**Petty J. K. & Co.**, Stephen Girard bldg, Phila., Pa. Works: Lebanon, Pa.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

Pollock Wm. B. Co., Youngstown, O.

Producers' Supply Co., Franklin, Pa.

Puget Sound Boiler Works, Seattle, Wash.

Redwood Manufacturer's Co. (Cal. Redwood), Hobart bldg, San Francisco, Cal.

Reeves Bros. Co., Alliance, O.  
Riter-Conley Co. (Steel), Pittsburgh, Pa.

Rockwell W. S. Co. (Cylindrical Style), 50 Church, New York

*See adv index at end of book*

Rodgers Boiler & Burner Co., Muskegon, Mich.

Ruemml-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa. & 26 Cortlandt, New York.

*See adv index at end of book*

Schmook Harry B., Springfield, Mo.

Sexton Can Co., 228 Franklin, Boston, Mass.

Sims Co., 18th & Whitley av, Erie, Pa.

Southern Bridge Co., Birmingham, Ala.

Standard Boiler & Plate Iron Co., Niles, O.

Star Tank Co. (Galvanized), Goshen, Ind.

Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*

Teachout H. E. Boiler Works, E 37th & Erie R. R., Cleveland, O.

Tippett & Wood, Phillipsburg, N. J.

Tokheim Mfg. Co., Cedar Rapids, Ia.

Topeka Steam Boiler Works, Topeka, Kans.

Trachte Bros. Co., Madison, Wis.

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Tudor Boiler Mfg. Co., 175 E 3d, Cincinnati, O.

Turl Iron & Car Co. (Inc.), The, 50 Broad, New York. Works: Newburgh, N. Y.

United Iron Works Co., Springfield, Mo.

Warren City Tank & Boiler Co., Warren, Ohio

Wayne Oil Tank & Pump Co., Fort Wayne, Ind.

Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.

Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Wilson Steam Boiler Co., Omaha, Neb.

Worthington Pump & Machy. Corp., 115 B'way, New York

#### Tanks (Oxygen)

*See Cylinders, Hydrogen & Oxygen*

#### 14787—Tanks (Pneumatic Water)

Atlas Engineering Co., Amherst O.  
*See adv index at end of book*

Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.

Beckman Bros., Des Moines, Ia.

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in this book please  
mention

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Bremen Mfg. Co., Bremen, O.  
Buckeye Boiler Co., Dayton, O.  
Case W. A. & Sons Mfg. Co., Buffalo, N. Y.  
**CHICAGO BRIDGE & IRON WORKS**,  
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*For branch offices see adv index at end of book*

**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
Ft. Wayne Engng. & Mfg. Co., Ft. Wayne, Ind.

Hamburg Boiler Works, Hamburg, Pa.  
Hartley Boiler Works, Montgomery, Ala.  
Heil Company, 1375 26th av, Milwaukee, Wis.

Heller-Aller Co., Napoleon, O.

Kelly Mfg. Co., Bucyrus, O.

Kewanee Private Utilities Co. ("Kewanee"), West Side, Kewanee, Ill.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.

Leader Iron Works, 201 Jasper, Decatur, Ill.

Manitowoc Engineering Works, Manitowoc, Wis.

Michelmann Steel Construction Co., Quincy, Ill.

Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.

Missouri Boiler & Sheet Iron Works, 23d Papin, St. Louis, Mo.

Morrison Bros., Dubuque, Ia.

National Steel Tank & Mfg. Co., Bradford, Ill.

New York Central Iron Works Co., Inc., Hagerstown, Md.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

Roberts-Hamilton Co., 413 S 4th, Minneapolis, Minn.

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., and 26 Cortlandt, New York

*See adv index at end of book*

Sims Co., 18th & Whitley av, Erie, Pa.

Tippett & Wood, Phillipsburg, N. J.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

**WESTINGHOUSE AIR BRAKE CO.**, Pittsburgh, Pa.

Wilson Steam Boiler Co., Omaha, Neb.

### 14788—Tanks (Pressed Steel)

Federal Pressed Steel Co., Keefe & North Pierce, Milwaukee, Wis.

Nortmann-Duffke Foundry Co., 27th av, Milwaukee, Wis.

Pressed Steel Tank Co., 58th & Greenfield av, Milwaukee, Wis.

### 14789—Tanks (Pressure)

Abendroth & Root Mfg. Co., Newburgh, N. Y.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

American Welding Co. (Seamless Welded, For High Pressure), Carbondale, Pa.

Atlas Engineering Co., Amherst, O. *See adv index at end of book*

Baltimore Cooperage Co., The (Wood), cor Hanover & Creek, Baltimore, Md.

Bass Foundry & Machine Co., Ft. Wayne, Ind.

Beckman Bros., Des Moines, Ia.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Bovaird & Seyfang Mfg. Co., Bradford, Pa.

Bowser S. F. & Co., Ft. Wayne, Ind.

Buckeye Boiler Co., Dayton, O.

Eushnell Tank Works, Bushnell, Ill.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*

Cole R. D. Mfg. Co., Newnan, Ga.

Columbiana Boiler Co., Columbiana, O.

Connery & Co., 2d & Luzerne, Phila, Pa.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Devine J. P. Co., Buffalo, N. Y.

**DOVER BOILER WORKS**, Sales Office, 50 Church, New York. Works: Dover N. J. *See adv index at end of book*

Downingtown Iron Works, East Downingtown, Pa.

Drake-Williams-Mount Co., Omaha, Neb.

East Jersey Pipe Corp., Paterson, N. J.

Federal Pressed Steel Co., Keefe av & North Pierce, Milwaukee, Wis.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Franklin Machine & Steam Boiler Works, 88 Quay, Brooklyn, N. Y.

Freeman Mfg. Co., Dept. O, Racine, O.

Gerdes & Co., 42 Church, New York *See adv index at end of book*

Graver Wm. Tank Works, East Chicago, Ind.

Hammond Iron Works, Warren, Pa. *See adv index at end of book*

Hartley Boiler Works, Montgomery, Ala.

Heil Company, 1375 26th av, Milwaukee, Wis.

International Boiler Works Co., East Stroudsburg, Pa.

Iowa Steel & Iron Works, Cedar Rapids, Iowa

Kennicott Co., Chicago Heights, Ill.

Kewanee Boiler Co., Kewanee, Ill.

Kittoe Boiler & Tank Co. (Inc.), Canton, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Kraft A. C., 323 W Lake, Chicago, Ill.

Lake Erie Boiler Works, Buffalo, N. Y.

Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.

Leader Iron Works, 201 Jasper, Decatur, Ill.

Leslie Elliott & Co., Paterson, N. J.

Littleford Bros., 444 E Pearl, Cincinnati, Ohio

Lookout Boiler Mfg. Co., Chattanooga, Tenn.

McAlleenan Bros. Co., 25th & Railroad, Pittsburgh, Pa.

McDermott Bros. Co., Allentown, Pa.

McNaull Boiler Mfg. Co., Toledo, O.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.

*See adv index at end of book*

Michelmann Steel Construction Co., Quincy, Ill.

Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.

Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.

Muskegon Boiler Works, Muskegon, Mich.

Nagle Engine & Boiler Works, Erie, Pa.

Nashville Bridge Co., Nashville, Tenn.

National Steel Tank & Mfg. Co., Bradford, Ill.

New York Central Iron Works Co., Inc., Hagerstown, Md.

Ohio Machine & Boiler Co., 1501 University rd, Cleveland, O.

Petroleum Iron Works Co., Sharon, Pa.

Petty J. K. & Co., Lebanon, Pa.

Pittsburgs-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

Producers' Supply Co., Franklin, Pa.

Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

Reeves Bros. Co., Alliance, O.

Rodgers Boiler & Burner Co., Muskegon, Mich.

Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

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Smith Samuel & Son Co., Paterson, N. J.

Smith Theo. & Sons Co., ft of Essex, Jersey City, N. J.

Sotter Bros., Pottstown, Pa.

Southern Boiler & Tank Works Co., Memphis, Tenn.

Southern Bridge Co., Birmingham, Ala.

Springfield Boiler Co., Springfield, Ill.

Standard Boiler & Plate Iron Co., Niles, O.

Struthers-Wells Co., Warren, Pa.

*See adv index at end of book*

Tippett & Wood, Phillipsburg, N. J.

Topeka Steam Boiler Works, Topeka, Kans.

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Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Tudor Boiler Mfg. Co., 175 E 3d, Cincinnati, O.



Walsh & Weldner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, O.  
 Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wilson Steam Boiler Co., Omaha, Neb.  
 Wood John Mfg. Co. (Electric Welded, Conshohocken, Pa.

### 14790—Tanks (Railroad Water)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bovard & Seyfang Mfg. Co., Bradford, Pa.  
 Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*  
 Challenge Co., Batavia, Ill.  
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 Columbiana Boiler Co., Columbiana, O.  
 Connery & Co., 2d & Luzerne, Phila., Pa.  
 Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
 Hartley Boiler Works, Montgomery, Ala.  
 Heggie James G. & Sons, Joliet, Ill.  
 Heine Chimney Co., The, (Reinforced Concrete), 123 W Madison, Chicago, Ill.  
 Kalamazoo Ry. Supply Co., Kalamazoo, Mich.  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co., Inc., Canton, O.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Petty J. K. & Co., Lebanon, Pa.  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Reeves Bros. Co., Alliance, O.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg., Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Southern Boiler & Tank Works, Memphis, Tenn.  
 Tippet & Wood, Phillipsburg, N. J.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

### 14790a—Tanks (Reinforced Concrete)

Heine Chimney Co., The, 123 W Madison, Chicago, Ill.

### 14791—Tanks (Rendering)

Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 Allbright-Nell Co., 5323 Western blvd, Chicago, Ill.  
 American By-Product Machinery Co., 90 West, New York  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Bovard & Seyfang Mfg. Co., Bradford, Pa.  
 Brecht Co. (For Lard, Tallow, etc), 1201 Cass av, St. Louis, Mo.  
 Buckeye Boiler Co., Dayton, O.  
 Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*  
 Cambridge Iron Works, Cambridge, Mass.  
 Columbiana Boiler Co., Columbiana, O.  
 Dover Boiler Works, Sales Offices: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Graver Wm. Tank Works, East Chicago, Ind.

Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
 Hartley Boiler Works, Montgomery, Ala.  
 Heggie James G. & Sons, Joliet, Ill.  
 Heller-Aller Co. (For Lard, Tallow, etc), Napoleon, O.  
 Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*  
 Kennicott Co., Chicago Heights, Ill.  
 Kittoe Boiler & Tank Co., Inc., Canton, O.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Leslie Elliott & Co., Paterson, N. J.  
 Littleford Bros., 444 E Pearl, Cincinnati, Ohio  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 McDermott Bros. Co., Allentown, Pa.  
 McNaull Boiler Mfg. Co., Toledo, O.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.  
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 Reeves Bros. Co., Alliance, O.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
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 Springfield Boiler Co., Springfield, Ill.  
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 Tippet & Wood, Phillipsburg, N. J.  
 Topeka Steam Boiler Works, Topeka, Kans.  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*  
 Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.  
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 Walsh & Weldner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, O.  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wilson Steam Boiler Co., Omaha, Neb.

### 14792—\*Tanks (Rubber Cement)

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### 14793—\*Tanks (Sand Storage)

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 Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

### 14793a—\*Tanks (Seamless One-Piece Glass Enameled)

Elyria Enameled Products Co., Elyria, O.  
*See adv index at end of book*

### 14794-5—Tanks (Seamless Steel)

**ELYRIA ENAMELED PRODUCTS CO.** (Vitreous Enameled), Elyria, O.  
*See adv index at end of book*  
 Federal Pressed Steel Co., Keefe av & N Pierce, Milwaukee, Wis.  
 Janney Steinmetz & Co., 1421 Chestnut, Phila., Pa.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Manitowoc Engineering Works, Manitowoc, Wis.

Meurer Steel Barrel Co. ("Anchor" Brand Seamless), 567 Flushing av, Brooklyn, N. Y.  
**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Pressed Steel Tank Co. (Also Seamless Cylinders), 58th & Greenfield av, Milwaukee, Wis.  
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*See adv index at end of book*

### 14796-7—Tanks (Sectional)

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 Kretschmer Mfg. Co. (Iron or Steel), Council Bluffs, Ia.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., and 26 Cortlandt, New York  
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 Stuart & Peterson Co. (Porcelain Lined or Plain Iron), Burlington, N. J.

### 14798—Tanks (Septic, for Sewage Disposal)

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 Cameron Septic Tank Co., Monadnock blk, Chicago, Ill.  
 Cement Products Co., Wilmington, N. C.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Merritt Hydraulics Co., 110 N Broad, Phila., Pa.  
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 U. S. Sanitary Septic Tank Co., Memphis, Tenn.

### 14799—Tanks (Settling & Pulp Thickening)

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 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.  
 Kelly Foundry & Machine Co., Goshen, Ind.  
 Kretcher Mfg. Co., Council Bluffs, Ia.  
 Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Star Tank Co. (Galvanized), Goshen, Ind.

### Tanks (Slate)

*See Slate Tanks*

### 14802—Tanks (Slurry)

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United Iron Works Co. (For Cement Plants for Mixing Shale, etc), Springfield, Mo.

#### 14803-4— \*Tanks (Soap)

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Atlas Engineering Co., Amherst, Mass.

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Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*

Challenge Co., Batavia, Ill.

Cole R. D. Mfg. Co., Newnan, Ga.

Connery & Co., 2d & Luzerne, Phila., Pa.

Downingtown Iron Works, East Downingtown, Pa.

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Graver Wm. Tank Works, East Chicago, Ind.

Hartley Boiler Works, Montgomery, Ala.

Heggie James G. & Sons, Joliet, Ill.

Kittoe Boiler & Tank Co., Inc., Canton, O.

Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.

Missouri Boiler & Sheet Iron Works, 23rd & Paplin, St. Louis, Mo.

Muskegon Boiler Works, Muskegon, Mich.

Nashville Bridge Co., Nashville, Tenn.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.

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Rodgers Boiler & Burner Co., Muskegon, Mich.

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Southern Boiler & Tank Works Co., Memphis, Tenn.

Tudor Boiler Mfg. Co., 715 E 3d, Cincinnati, O.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

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Air-Tight Steel Tank Co., Gloster & B. & O. R. R., Pittsburgh, Pa.

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American Bridge Co., Frick bldg, Pittsburgh, Pa.

American Iron Works, Louisville, Ky.

American Welding Co. (Lap-Welded), Carbondale, Pa.

Atlas Engineering Co., Amherst, O.

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Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.

Bartlett A. F. & Co., Saginaw, Mich.

Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

Bass Foundry & Machine Co., Ft. Wayne, Ind.

Beatrice Steel Tank Mfg. Co. ("Nu-way"), Beatrice, Neb.

Beckley Perforating Co., Garwood, N. J.

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Bros. Wm. Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.

Brownell Co., Dayton, O.

Buckeye Boiler Co., Dayton, O.

Bushnell Tank Works, Bushnell, Ill.

Butler Mfg. Co., Kansas City, Mo.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

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Codd E. J. Co., 700 So. Caroline, Baltimore, Md.

Cole R. D. Mfg. Co., Newnan, Ga.

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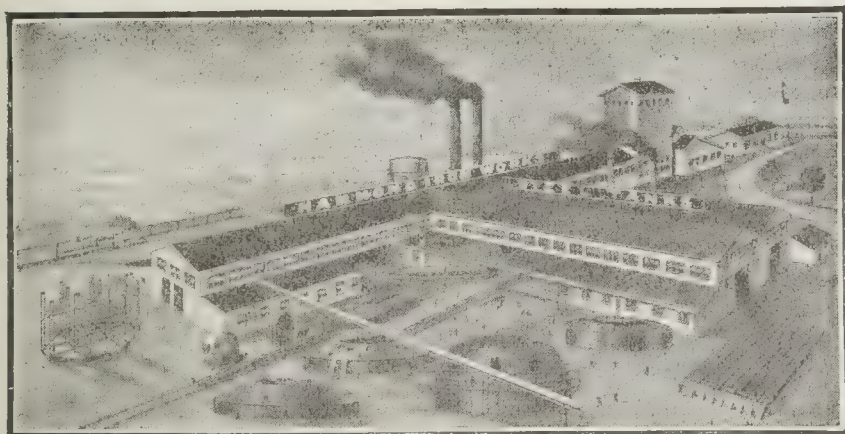


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 Walsh's Boiler & Iron Works, Springfield, Mass.  
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.  
 Warren City Tank & Boiler Co., Warren, O.  
 Waterloo Mfg. Co., Waterloo, Ia.  
 Watson Jas. H. Co. (Inc), Bradley, Ill.  
 Wayne Oil Tank & Pump Co., Ft. Wayne, Ind.  
 Webber Iron Works, Birmingham, Ala.  
 Weigle Wm. A. Steel Pipe Works, Denver, Colo.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.  
 Wholey Boiler Works, 95 Whipple, Providence, R. I.  
 Wilfong Millard F. Iron Works Co., 5199 Grays av, Phila., Pa.  
 Willcox Engineering Co. (Welded), 1525 Holland av, Saginaw, Mich.  
 Wilson Steam Boiler Co., Omaha, Neb.  
 Wilson W. A. Machine Co., Rochester, N. Y.  
 Worden-Allen Co., P. O. Box 528, Milwaukee, Wis.  
 Young Bros. Co., Detroit, Mich.

**14807—Tanks (Steel Enameled)**

**ELYRIA ENAMELED PRODUCTS CO.**, (Acid Resistant), Elyria, O.  
*See adv index at end of book*

**14808—Tanks (Steel, Glass Enameled)**

Detroit Steel Cooperage Works (Also Chip Casks, Fermenting Tubs, etc), Detroit, Mich.

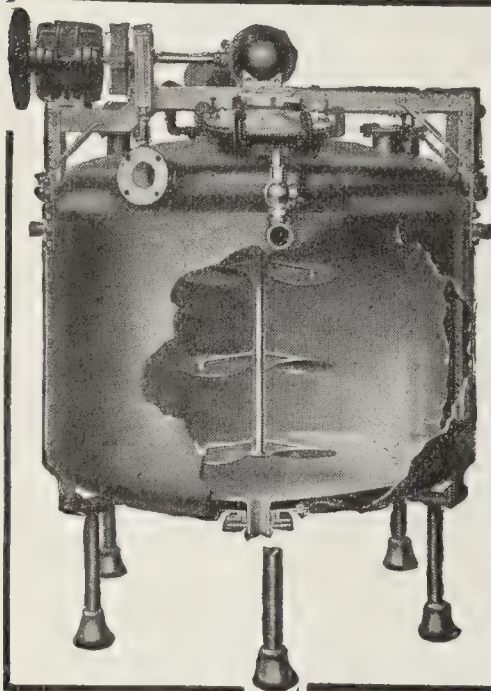
**ELYRIA ENAMELED PRODUCTS CO.**, Elyria, O. *See adv index at end of book*  
 Pfaulder Co., Cutler bldg, Rochester, N. Y.

**Tanks (Steel, Glass Lined)**

*See Tanks, Steel, Glass Enameled*

**14808a—\*Tanks (Steel, High Pressure)**

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
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## 14809—Tanks (Steel, Hot Water Storage)

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*See adv index at end of book*

Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
Buckeye Boiler Co., Dayton, O.

Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*

Columbiana Boiler Co., Columbiana, O.

Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Franklin Machine & Steam Boiler Works, 88 Quay, Brooklyn, N. Y.

Graver Wm. Tank Works, East Chicago, Ind.

Hamburg Boiler Works, Hamburg, Berks Co., Pa.

Hammond Iron Works, Warren, Pa. *See adv index at end of book*

Hartley Boiler Works, Montgomery, Ala.  
Heggie James G. & Sons, Joliet, Ill.

Kast Copper & Sheet Iron Co. (For Breweries), 91 Main, Buffalo, N. Y.

Kennicott Co., Chicago Heights, Ill.

Kewanee Boiler Co., Kewanee, Ill.

Kittee Boiler & Tank Co. (Inc.), Canton, O.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich. *See adv index at end of book*

Milwaukee Reliance Boiler Works, 1102 32d, Milwaukee, Wis.

Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.

Patterson Frank L. & Co., 26 Cortlandt, New York

Petty J. K. & Co., Lebanon, Pa.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

Rodgers Boiler & Burner Co., Muskegon, Mich.

Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York *See adv index at end of book*

Sims Co., 18th & Whitley av, Erie, Pa.

Southern Boiler & Tank Works, Memphis, Tenn.

Struthers-Wells Co., Warren, Pa. *See adv index at end of book*

Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Treadwell M. H. Co., 140 Cedar, New York

United Iron Works Co., Springfield, Mo.

Warren City Tank & Boiler Co., Warren, Ohio

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

## 14809a—\*Tanks (Steel, One-Piece)

**ELYRIA ENAMELED PRODUCTS CO.**, Elyria, O.

*See adv index at end of book*

## 14810—Tanks (Storage, Etc.)

American Iron Works, Louisville, Ky.

Atlas Engineering Co., Amherst, O. *See adv index at end of book*

Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.

Bass Foundry & Machine Co., Ft. Wayne, Ind.

Beckman Bros. (Steel & Wood), Des Moines, Ia.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Black, Sivalis & Bryson, Bartlesville, Okla.

Bovaird & Seyfang Mfg. Co., Bradford, Pa.

Bowser S. F. & Co., Ft. Wayne, Ind.

Buckeye Boiler Co., Dayton, O.

Bushnell Tank Works, Bushnell, Ill.

Butler Mfg. Co., Kansas City, Mo.

Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*

Case W. A. & Sons Mfg. Co., Buffalo, N. Y.

Cement Stave Silo Co. (Water Storage), Des Moines, Ia.

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.

*For branch offices see adv index at end of book*

Clarke J. Q. Tank Co. (Underground), Crawfordsville, Ind.

Codd E. J. Co., 700 So. Caroline, Baltimore, Md.

Cole R. D. Mfg. Co., Newman, Ga.

Collins Iron Works (Black & Galvanized), Phelps, N. Y.

Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.

Columbiana Boiler Co., Columbiana, O.

Connery & Co., 2d & Luzerne, Phila., Pa.

Connolly D. Boiler Co., Cleveland, O.

Cox & Sons Co., 5th & Chestnut, Phila., Pa.

Devine J. P. Co., Buffalo, N. Y.

**DOVER BOILER WORKS**, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Downingtown Iron Works, East Downingtown, Pa.

Drake-Williams-Mount Co., Omaha, Neb.

Erie City Iron Works, Erie, Pa.

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

Farrar & Trefts, Buffalo, N. Y.

Flint & Walling Mfg. Co. ("Hoosier"), Kendallville, Ind.

Freeman Mfg. Co., Dept. O., Racine, Wis.

Gedge Bros. Iron Roofing Co. (Galvanized Steel), Anderson, Ind.

Gerdes & Co., 42 Church, New York

*See adv index at end of book*

Gerstein Bros. & Cooper (Copper), 3 W 3d, S. Boston, Mass.

**GILBERT & BARKER MFG. CO.** ("Gilbert & Barker" Underground Storage), Springfield, Mass. *See adv index at end of book*

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Harry Bros. Co. ("Harry's" Corrugated Galvanized Iron), Carr av & I. C. R. R., New Orleans, La.

Hartley Boiler Works, Montgomery, Ala.

Heggie James G. & Sons, Joliet, Ill.

Heil Company, 1375 26th av, Milwaukee, Wis.

International Boiler Works Co., East Stroudsburg, Pa.

Ironton Punch & Shear Co., Ironton, O.

Kellogg M. W. Co. (Welded), 90 West, New York *See adv index at end of book*

Kennicott Co., Chicago Heights, Ill.

Kewanee Boiler Co., Kewanee, Ill.

Knox Pressed & Welded Steel Co., Pittsburgh, Pa.

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Kretschmer Mfg. Co., Council Bluffs, Ia.

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Martin Metal Mfg. Co., Wichita, Kansas

Meehan Boiler & Construction Co., Lowellville, O.

Michelmann Steel Construction Co., Quincy, Ill.

Missouri Boiler & Sheet Iron Works, 23d & Papin, St. Louis, Mo.

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Murphy & Walsh, Pekin, Ill.

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Nashville Bridge Co., Nashville, Tenn.

National Boiler & Sheet Iron Works, Indianapolis, Ind.

Nebraska & Iowa Steel Tank Co. (Galvanized Steel), Omaha, Neb.

New York Central Iron Works Co., Inc., Hagerstown, Md.

O'Brien John Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.

Ohio Corrugating Co., Warren, Ohio *See adv index at end of book*

Perfection Metal Products Co., Topeka, Kan.

Perkins Wind Mill Co., Mishawaka, Ind.

Petty J. K. & Co., Lebanon, Pa.

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Reeves Bros. Co., Alliance, O.

Rodgers Boiler & Burner Co., Muskegon, Mich.

Reummeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, O.

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Sims Co. (Steel), 18th & Whitley av, Erie, Pa.

Sotter Bros., Pottstown, Pa.

Southern Boiler & Tank Works Co., Memphis, Tenn.

Southern Bridge Co., Birmingham, Ala.

Springfield Boiler Co., Springfield, Ill.

Star Tank Co. (Galvanized), Goshen, Ind.

Struthers-Wells Co., Warren, Pa. *See adv index at end of book*

Tippett & Wood, Phillipsburg, N. J.

Tolhurst Machine Works, Troy, N. Y.

Topeka Steam Boiler Works, Topeka, Kans.

**TREADWELL CONSTRUCTION CO.** (Steel), Midland, Pa. *See adv index at end of book*

Treadwell M. H. Co. of Ill., 208 S La Salle, Chicago, Ill.

Union Iron Works, Hoboken, N. J.

United Iron Works Co., Springfeld, Mo.

Vernier Mfg. Co. (Steel) Cedar Rapids, Ia.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Warren City Tank & Boiler Co., Warren, Ohio

Welded Steel Barrel Corp., Hart av & Charlevoix, Detroit, Mich.

Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

Western Iron & Fdry. Co., Wichita, Kans.

Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

Wilson Steam Boiler Co., Omaha, Neb.

Wood John Mfg. Co. (Electric Welded), Conshohocken, Pa.

## 14811—Tanks (Sugar House)

Abendroth & Root Mfg. Co., Newburgh, N. Y.

Atlas Engineering Co., Amherst, O. *See adv index at end of book*

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

*See adv index at end of book*

Buckeye Boiler Co., Dayton, O.

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 Heggie James G. & Sons, Joliet, Ill.  
 Kittoe Boiler & Tank Co., Inc., Canton, O.  
 McNaull Boiler Mfg. Co., Toledo, O.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.** First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
**TURL IRON & CAR CO. (INC.), THE**, 50 Broad, New York. Works: Newburgh, N. Y.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Western Pipe & Steel Co., 444 Market, San Francisco, Cal.

#### 14812— Tanks (Tanners')

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Buckeye Boiler Co., Dayton, O.  
 Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*  
 Farrar & Trefts, Buffalo, N. Y.  
 Freeman Mfg. Co., Dept. O, Racine, Wis.  
 Kittoe Boiler & Tank Co., Canton, O.  
 Kretschmer Mfg. Co. (Wood), Council Bluffs, Ia.  
 McNaull Boiler Mfg. Co., Toledo, O.  
 Missouri Boiler & Sheet Iron Works, 23d & Poplin, St. Louis, Mo.  
 Rodgers Boiler & Burner Co., Muskegon, Mich.  
 Ruemmel-Dawley Mfg. Co., St. Louis, Mo.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.

#### 14813—\*Tanks (Tar, Ammonia Liquor)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Chicago Bridge & Iron Works, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
**SCAIFE WM. B. & SONS CO.** (Tar Tanks), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

#### Tanks (Tender)

*See Tanks, Locomotive Tender*

#### 14814—Tanks (Thresher, Steel)

South Bend Spark Arrester Co. (Galvanized), South Bend, Ind.  
 Star Tank Co., Goshen, Ind.

#### Tanks (Transportation)

*See Tanks, Car*

#### 14815— Tanks (Turpentine)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Buckeye Boilers Co., Dayton, O.  
 Chicago Bridge & Iron Works, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Hartley Boiler Works, Montgomery, Ala.  
 Petroleum Iron Works Co., Sharon, Pa.  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

#### 14816— \*Tanks (Varnish)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Scaife Wm. B. & Sons Co., First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

#### 14817—\*Tanks (Vulcanizing)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
**GODFREY-KEELER CO.**, 70 Warren, New York *See adv index at end of book*

#### 14818— Tanks (Wagon)

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.  
 Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Missouri Boiler & Sheet Iron Works, 23d & Paplin, St. Louis, Mo.  
 Morrison Bros., Dubuque, Ia.

#### 14819—Tanks (Water Closet)

*See also Plumbers' Woodwork*  
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Vitreous China; also Wood), Washing-American Sanitary Works ("B. O. T.")  
**B R E Mfg. Co.** ("B R E" Wood), Hyde Park, Mass.  
 Bailey-Farrell Mfg. Co. (Steel), 3rd av & Ross, Pittsburgh, Pa.  
 Blairsville Sanitary Co. ("America" Enamelled Iron), Blairsville, Pa.  
 Chicago Bridge & Iron Works, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Church C. F. Mfg. Co. ("White Pyralin"), Holyoke, Mass.  
 Columbus Brass Co. (All Metal), 538 Dublin av, Columbus, O.  
*See adv index at end of book*  
 Coyne & Delany Co. ("C. & D." Safety, Locking Tank & Ball Cock), 832 Kent av, Brooklyn, N. Y.  
 Eichman J. C. Mfg. ("Clover"), Bush & Wicomico, Baltimore, Md.  
 Enamelled Tank Co. (White Porcelain Enamelled Iron), Kalamazoo, Mich.  
 Fleck Bros. Co. (Vitreous China), 44 N 5th, Phila., Pa.  
 Galard Co. ("Omaha"), 335 6th av, Newark, N. J.  
 Humphries Mfg. Co. (Porcelain Enamelled Low & High Pattern), Mansfield, O.  
 Keeley Jas. J. (Sheet Iron), Jackson, Mich.  
 Koven I. O. & Bro. (Automatic Flush), 154 Ogden av, Jersey City, N. J.  
 Lipp Louis Co. (Enamelled Iron), Mitchell av & B. & O. Ry., Cincinnati, O.  
 McVay-Walker Co. (Enamelled Iron), Braddock, Pa.  
 Miller Chas. A. Co. (Low-Down & High Tank, Wood & White Porcelain, All Steel) Sturgis, Mich.  
 Mineral Products Co. ("Xyno" Stone), Rhinelander, Wis.  
 Sanisteel Co. ("Sanisteel"), 1200 Niagara, Buffalo, N. Y.  
**SCAIFE WM. B. & SONS CO.** (Steel), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Shwab Bros. Co., 811 E 9th, New York  
 Standard Sanitary Mfg. Co. (Enamelled Iron), Bessemer bldg, Pittsburgh, Pa.  
 Teahen James M. ("Vitro"), Detroit, Mich.  
 Trenton Potteries Co. ("Impervio," Vitreous China), Trenton, N. J.  
 Van Arnam Mfg. Co. ("Van-Or-Co."), Fort Wayne, Ind.  
 Young Joseph H. Co. ("Boston Fore & After Wash," Automatic), 84 High, Boston, Mass.

#### 14820—Tanks (Water, Mounted on Wheels)

Acme Road Machinery Co. (For Steam Rollermen & Others), Frankfort, N. Y.  
 Appleton Mfg. Co., Batavia, Ill.  
 Aultman & Taylor Machinery Co., Mansfield, O.  
 Baltimore Cooperage Co. The, c Hanover & Creek, Baltimore, Md.  
 Caldwell W. E. Co., 2700 Brook, Louisville, Ky. *See adv index at end of book*

**Case J. I. Threshing Machine Co.**, Racine, Wis.  
 Huber Mfg. Co., Marion, O.  
 Kelly Foundry & Machine Co., Goshen, Ind.  
 Koven L. O. & Bro. 154 Ogden av, Jersey City, N. J.  
 Kretschmer Mfg. Co., Council Bluffs, Ia.  
 Nichols & Shepard Co. (Wood & Steel), Battle Creek, Mich.  
 Perkins Wind Mill Co., Mishawaka, Ind.  
 Rumely M. Co., La Porte, Ind.  
 Sotter Bros., Pottstown, Pa.  
 Swayne, Robinson & Co., Richmond, Ind.

#### 14821—\*Tanks (Water Storage)

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Hammond Iron Works, Warren, Pa.  
*See adv index at end of book*  
 Mertz John Mfg. Co., Sandusky, O.  
*See adv index at end of book*  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

#### 14822— Tanks (Welded)

**AMERICAN SPIRAL PIPE WORKS**, Chicago, Ill. *See adv index at end of book*  
 Buckeye Boiler Co., Dayton, O.  
 Columbiana Boiler Co., Columbiana, O.  
 Elyria Enamelled Products Co., Elyria, O.  
*See adv index at end of book*  
 Fouts C. C. Co. ("Duro"), 650 Woodlawn av, Middletown, O.  
 Gerdes & Co., 42 Church, New York  
*See adv index at end of book*  
 Heil Company, 1375 26th av, Milwaukee, Wis.  
 Industrial Welding Co., Garrett bldg, Baltimore, Md.  
 Kellogg M. W. Co., 90 West, New York  
*See adv index at end of book*  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Lappan Jas. Mfg. Co., 20th & Pike, Pittsburgh, Pa.  
 Manitowoc Engineering Works, Manitowoc, Wis.  
 Reeves Bros. Co., Alliance, O.  
 St. Louis Steel Barrel Carp'n, B'way, Benton & 9th, St. Louis, Mo.  
**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
 Standard Water Systems Co. ("Tripure"), Hampton, N. J.  
 Struthers-Wells Co., Warren, Pa.  
*See adv index at end of book*  
 Treadwell Construction Co., Midland, Pa.  
*See adv index at end of book*  
**Welded Steel Barrel Corp.**, Hart av & Charlevoix, Detroit, Mich.  
 Weldex Co., Richmond, Ind.  
 Western Drop Forge Co., P. O. Box 386, Marion, Ind. *See adv index at end of book*

#### 14823— Tanks (Wood)

Aermotor Co., Campbell av nr 12th, Chicago, Ill.  
**American Mfg. Co.**, 2101 Louisiana av, New Orleans, La.  
 American Stave & Cooperage Co., Chelsea, Mass.  
 American Tower & Tank Co., Elgin, Ill.  
 Badger Steel Roofing & Corrugating Co., La Crosse, Wis.  
 Baker Mfg. Co., Evansville, Wis.  
 Baltimore Cooperage Co. The, c Hanover & Creek, Baltimore, Md.  
 Beckman Bros., Des Moines, Ia.  
 Black, Sivalis & Bryson, Bartlesville, Okla.  
 Briggs & Allyn Mfg. Co. Co., Lawrence, Mass.  
 Burkhardt Geo. J. Sons, Drexel bldg, Phila., Pa.  
 Bushnell Tank Works (Red, Cypress, Tongued, Grooved or Plain), Bushnell, Ill.  
 Butler Co. (Red Louisiana Cypress), Butler, Ind.





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**Eagle Tank Co.**, 2426 N Crawford av, Chicago, Ill.  
**Fairbanks, Morse & Co.**, 900 S Wabash av, Chicago, Ill.  
**Flemming Tank Co.**, 3115 Liberty, Pittsburgh, Pa.  
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**Freeman Mfg. Co.**, Dept. O., Racine, Wis.  
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**Hagerty Bros. Co.**, Peoria, Ill.  
**Hall Amos H. & Sons** ("Cedar," etc), 2915 N 2d, Phila., Pa.  
**Hauser-Stander Tank Co.**, Cincinnati, O.  
**Hayes Pump & Planter Co.**, Galva, Ill.  
**Heller-Aller Co.** (Pine, Cedar & Cypress), Napoleon, O.  
**Hightower Box & Tank Co.**, Atlanta, Ga.  
**Hooper C. A. & Co.**, Balboa bldg, San Francisco, Cal.  
**Iowa Wind Mill & Pump Co.**, Cedar Rapids, Ia.  
**Isseks David**, 94 Mangin, New York  
**Jennings Cypress Tank Co.** (Cypress), Shreveport, La.  
**Johnson & Carlson**, 848 Eastman, Chicago, Ill.  
**Johnson & Hibbard**, Westfield, Mass.  
**Kalamazoo Tank & Silo Co.**, Kalamazoo, Mich.  
**Ketter Fred Cooperage Works** (Brewery & Distillery), Milwaukee, Wis.  
**Kimball Tyler Co.**, 261 S 8th, Baltimore, Md.  
**Kretschmer Mfg. Co.**, Council Bluffs, Ia.  
**Leclaire Mfg. Co.**, Edwardsville, Ill.  
**Mayer Tank Mfg. Co.**, 212 Russell, Brooklyn, N. Y.  
**Minnesota Tank Co.**, 1415 S E 8th, Minneapolis, Minn.

**National Tank & Pipe Co.**, Portland, Me.  
**New England Tank & Tower Co.**, Everett Station, Boston, Mass.  
**Northwestern Wind Engine Co.**, 110 3d av N, Minneapolis, Minn.  
**Pacific Coast Pipe Co.**, Seattle, Wash.  
**Pacific Mfg. Co. (Redwood)**, Santa Clara, Cal.  
**Pacific Tank & Pipe Co. (Cedar & Pipe for Water, Oil, Mining, Cyanide, etc)**, Los Angeles, Cal.  
**Pacific Tank & Silo Co.**, Chehalis, Wash.  
**Peirce W. E. & Co.**, Milford, N. H.  
**Puffer-Hubbard Mfg. Co.**, 32nd av S & 26th, Minneapolis, Minn.  
**Quitman Cooperage Co.**, Quitman, Ga.  
**Redwood Mfrs. Co. (Cal. Redwood)**, Hobart bldg, San Francisco, Cal.  
**Reed & Sherwood Mfg. Co.**, Anoka, Minn.  
**Riggs Cypress Co. (Ltd.)** (Cypress), Patterson, La.  
**Roberts T. W.**, Bradford, Pa.  
**Rosenwach J.**, 619 Grand, New York  
**Ruemmel-Dawley Mfg. Co.**, 3900 Shouteau av, St. Louis, Mo.  
**San Antonio Machine & Supply Co. (Cypress)**, San Antonio, Tex.  
**SCHLICHTER E. F. CO. (Cedar & Cypress)**, 10 S 18th, Phila., Pa.  
**Schwarzwalder J. & Sons**, Hoboken, N. J.  
**Severence Tank & Silo Co.**, Lansing, Mich.  
**Smith Benj. F. Co.**, Pawtucket, R. I.  
**Smith John M. & Sons**, 1425 Spring Garden, Phila., Pa.  
**Standard Planing Mill Co.**, Lincoln, Neb.  
**Standard Water Systems Co. ("Tripure," also Lined with Copper or other Metals)**, 71 Beaver, New York  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
See adv index at end of book  
**Stecher Cooperage Works**, 3rd & Barton, St. Louis, Mo.  
**Stehling Chas. H. Co.**, 401 4th, Milwaukee, Wis.  
**Stevens Tank & Tower Co. (Pine, Cypress or Cedar)**, Auburn, Me.  
**Stolpher Chas. Cooperage Co.**, 3206 Fond du Lac av, Milwaukee, Wis.  
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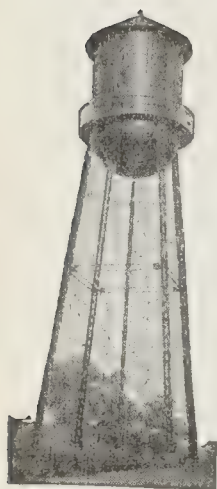
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Washington Pipe & Fdry. Co., Tacoma, Wash.  
Wendnagel & Co., 600 W 22d, Jefferson, Chicago, Ill.  
Western Cooperage Co., Northwestern Bank bldg, Portland, Ore.

Woodmanse Mfg. Co., Freeport, Ill.  
Woods Bros. Silo & Mfg. Co., Lincoln, Neb.  
**WOOLFORD G. WOOD TANK MFG. CO.**  
(Cedar & Cypress), 1429 Chestnut, Phila., Pa.

### Tanks & Cylinders (Cement)

See Cylinder & Tank Shells

### 14824—Tanks & Shells (Copper)

Randolph-Clowes Co. (Seamless Drawn), Waterbury, Conn.

### 14825-6—Tanks & Towers (Steel)

See also Water Columns or Stations, Railroad; also Stand Pipes

Aermotor Co. (Windmills), Campbell & 12th, Chicago, Ill.

American Bridge Co., 30 Church, New York

American Tower & Tank Co., Elgin, Ill.

Atlas Engineering Co., Amherst, O.

See *adv index at end of book*

Baker Mfg. Co., Evansville, Wis.

over & Creek, Baltimore, Md.

Batavia Engineering Works (Towers), Batavia, Ill.

Belmont Iron Wks., 22d & Washington av, Phila., Pa.

Bennett Bros. Co. ("Ideal"), Lowell, Mass.

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.

See *adv index at end of book*

Butler Co., Butler, Ind.

Baltimore Cooperage Co., The, c Han-

Caldwell W. E. Co., 2270 Brook, Louisville, Ky.

See *adv index at end of book*

Challenge Co., Batavia, Ill.

Chattanooga Boiler & Tank Co., Chattanooga, Tenn.

**CHICAGO BRIDGE & IRON WORKS,**

2015 Old Colony bldg, Chicago, Ill.

For branch offices see *adv index at end of book*

Church Stephen B., Seymour, Conn.

Cole R. D. Mfg. Co., Newman, Ga.

Columbiana Boiler Co., Columbiana, O.

**CORCORAN, A. F., INC.** (Wood & Steel Towers), 761 Jersey av, Jersey City, N. J.

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Drake-Williams-Mount Co., Omaha, Neb.  
Farrar & Trefts, Buffalo, N. Y.  
Flint & Walling Mfg. Co. ("Star"), Kendaillville, Ind.

Freeman Mfg. Co., Dept. O., Racine, Wis.  
Graver Wm. Tank Works, East Chicago, Ind.

Hartley Boiler Works, Montgomery, Ala.  
Heller-Aller Co., Napoleon, O.

Ironton Punch & Shear Co., Ironton, O.  
Kalamazoo Tank & Silo Co., Kalamazoo, Mich.

Kennicott Co., Chicago Heights, Ill.  
Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Kretschmer Mfg. Co., Council Bluffs, Ia.  
Littleford Bros., 444 E Pearl, Cincinnati, O.

Logan Iron Works, 54 Commercial, Brooklyn, N. Y.

Lookout Boiler Mfg. Co., Chattanooga, Tenn.

McDaniel & Son, Litchfield, Ill.  
McDermott Bros. Co., Allentown, Pa.

McNeil Boiler Co., 96 Crozier, Akron, O.  
Mast, Foss & Co., Springfield, Ohio

Maud S. Windmill & Pump Co., Lansing, Mich.

Memphis Bridge Co., Memphis, Tenn.  
Meyers Fred. J. Mfg. Co., Hamilton, O.

See *adv index at end of book*

Milliken Bros., 111 B'way, New York  
Minneapolis Steel & Machinery Co., 20th & Drexel, Minneapolis, Minn.

Missouri Valley Bridge & Iron Co., Leavenworth, Kan.

Mitchell-Tapen Co., 17 John, New York  
Nashville Bridge Co., Nashville, Tenn.

New England Tank & Tower Co., Everett Station, Boston, Mass.

Pacific Tank & Pipe Co. (Also Wood), Los Angeles, Cal.

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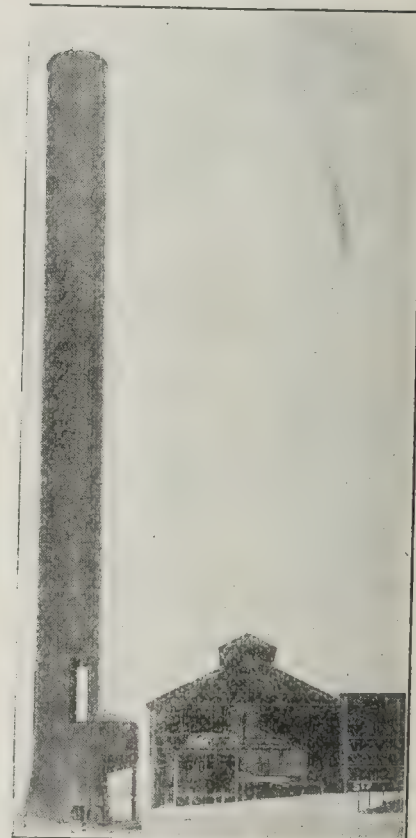
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CENTRAL: Chicago, Illinois

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BRIDGEBURG, ONT., CAN., 121 Janet Street

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CHARLOTTE, N. C., 501 Realty Bldg.  
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 Riter-Conley Co., Pittsburgh, Pa.  
 Rock Island Bridge & Iron Works, Rock Island, Ill.  
 Ruemmel-Dawley Mfg. Co., 3900 Chouteau av., St. Louis, Mo.  
 Rusling Co., 39 Cortlandt, New York  
 Russell & Co., Massillon, O.  
**SCAIFE WM. B. SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 24 Cortlandt, New York  
*See adv index at end of book*  
 Schaefer Mfg. Co., Birmingham, Ala.  
 Schofield's J. S. Sons Co., Macon, Ga.  
 Sherman Morris Co., Chattanooga, Tenn.  
 Sotter Bros., Pottstown, Pa.  
 Standard Boiler & Plate Iron Co., Niles, O.  
 Stevens Tank & Tower Co. (Steel Towers), Auburn, Me.  
 Tippet & Wood, Phillipsburg, N. J.  
 Twin City Boiler & Sheet Iron Works, Bristol, Va.  
 United Iron Works Co., Springfield, Mo.  
 U. S. Wind Engine & Pump Co., Batavia, Ill.  
 Variety Iron & Steel Works Co., Cleveland, O.  
 Virginia Bridge & Iron Co. (Water Only), Roanoke, Va.  
 Walsh-Weidner Boiler Co., Chattanooga, Tenn.  
 Walsh's Boiler & Iron Works, Springfield, Mass.  
 Warren City Tank & Boiler Co., Warren, Ohio  
 Wendnagel & Co., 600 W 22d, Chicago, Ill.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
 Woodmanse Mfg. Co., Freeport, Ill.

### Tanners' Machinery

See Classification 9248

### 14827— Tap & Drill Sets

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

### 14828— Tape (Advertising)

Accurate Measure Mfg. Co., 44 E 25th, New York  
 American Label & Advertising Tape Co., 60 Cooper sq, New York  
 Neuer & Hoffman, 75 Grand, New York  
 Reis G. & Bro. 900 B'way, New York

### 14829— Tape (Chain)

Hughes Bros., Scranton, Pa.  
 Ulmer J. C. Co. ("Lucas" Steel), Cleveland, O.

### 14830—Tape Cutting Machines (Insulating)

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

### 14831— Tape (Insulating)

See also Sleaving, Cotton

American Electrical Works ("Century"), Philipsdale, R. I.  
 Anchor Webbing Co. (Cotton), Woonsocket, R. I.  
 Belden Mfg. Co., 2316 S Western av, Chicago, Ill.  
 Boston Woven Hose & Rubber Co. ("Bull Dog," "B. W. H.," "Wizard," "Magic," "Brownie," "Tiger," "Evergrip," "Dauntless," "Service," "Leader," "Vigo," "Magnet" Splicing Compound, "Alexall," "Bull Dog," "Wizard," Sterling; also White Tape for Armatures, & "Evergrip" for Auto Bicycle Tires), Cambridge, Mass.  
 Carey Philip Mfg. Co. (Asbestos), 330 Wayne av, Lockland, Cincinnati, O.  
 Carter, Rice & Corp. ("Crowell"), 246 Devonshire, Boston, Mass.  
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 Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.  
 Combination Rubber Mfg. Co. (Friction), Bloomfield, N. J.

Dielectric Mfg. Co. (Friction), 224 S Vandeventer av, St. Louis, Mo.  
 Dunton M. W. Co. ("Black Diamond," "23," "Verifax"), 150 Niagara, Providence, R. I.  
 Electric Appliance Co. (Eaco), 701 W Jackson blvd, Chicago, Ill.  
 Garton W. R. Co. ("Columbia"), 17 S Desplaines, Chicago, Ill.  
**GENERAL ELECTRIC CO.** ("Paragon" & "Acme"), Schenectady, N. Y.  
*See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Habirshaw Elec Cable Co., 10 E 43d, New York  
 Hope Webbing Co. (Cotton Tape), 1005 Main, Providence, R. I.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 International Braid Co. (Cotton), 47 Charles, Providence, R. I.  
 Irvington Varnish & Insulator Co., Irvington, N. J.  
 Johns H. W.-Manville Co. ("J-M," "Jomanco," "Magneto," "J-M" Asphalt, "Niagrite," "J-M Alpha," Cable), Madison av & 41st, New York  
 Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York  
 Lehon Co., W 45th & S Western av, Chicago, Ill.  
 Mechanical Rubber Co., Cleveland, O.  
 Meirowsky Bros. Jersey City, N. J.  
 Mica Insulator Co. ("Linotape" Oiled Tape, "Mico," "Kablak"), 68 Church, New York  
 Mica Mfg. Co. ("Micasmiths"), 454 18th, Brooklyn, N. Y.  
 National Cement & Rubber Co. (High Pressure), Toledo, O.  
 National India Rubber Co., Bristol, R. I.  
 National Insulator Co., 39 Sudbury, Boston, Mass.  
 New York Insulated Wire Co. ("Grimshaw," Competition Brands, both Friction and Rubber), 114 Liberty, New York  
**OKONITE CO.** ("Okonite" "Mason"), 501 Fifth av New York  
*See adv index at end of book*  
 Packard Electric Co., Warren, O.  
 Pettingell Andrews & Co. ("O. K." "Exemplar"), 166 Pearl, Boston, Mass.



Revere Rubber Co. ("V," "Z"), 60 High, Boston, Mass.

St. Louis Rubber Cement Co. (Friction), 3046 Lambdin av, St. Louis, Mo.

Schoonmaker A. O. (Oiled Muslin), 88 Park pl, New York

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Standard Underground Cable Co., Pittsburgh, Pa.

**STANDARD WOVEN FABRIC CO.** ("Multities," "Multibestos," "Stanwal"), Walpole, Mass.

United States Asbestos Co., Lancaster, Pa.

Vulcan Asbestos Mfg. Co. (Asbestos), Produce Exchange, New York

**WESTINGHOUSE ELECTRIC & MFG. CO.**, E Pittsburgh, Pa.

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#### 14832— Tape (Lead)

Chadwick-Boston Lead Co., Boston, Mass.

#### 14833—\*Tape (Manson Protecting)

**OKONITE CO.**, 501 Fifth av, New York

*See adv index at end of book*

#### Tape (Varnished)

*See Cloth, Insulating*

#### 14834— Tape (Waterproof)

**OKONITE CO.**, 501 Fifth av, New York

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**Standard Woven Fabric Co.**, Walpole, Mass.

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#### 14835—Tapering Roll & Swedger (Combined)

Rock River Machine Co., Janesville, Wis.

Ryerson Jos. T. & Son (For Spring Shop Work), 2558 W 16th, Chicago, Ill.

#### 14836— Tapes (Gummed)

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Eisler Anthony & Co., 227 Canal, New York

Herrlinger & Co., 206 Walnut, Cincinnati, O.

Knowlton M. D. Co., 26 Elizabeth, Rochester, N. Y.

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Metal Specialties Mfg. Co. (Plain & Printed), 338 N Kedzie av, Chicago, Ill.

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Powell Sealer & Tape Mfg. Co. (Printed), Westerville, O.

Thomas Stationery Mfg. Co., Springfield, O.

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Beckmann L. Co., Toledo, O.

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Eddy Geo. M. & Co., 351 Classon av, Brooklyn, N. Y.

Elliott B. K. Co., 126 6th, Pittsburgh, Pa.

Gurley W. & L. E. (Steel Ribbon, Metallic), Troy, N. Y.

Johnston Robt. (Steel Tape & Reel), Wilkes-Barre, Pa.

Keuffel & Esser ("Unique," "Keco," "Liliput" Steel, Metallic & Linen), Hoboken, N. J.

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Hope Webbing Co., 1005 Main, Providence, R. I.

Mica Insulator Co., 68 Church, New York

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**GREENFIELD TAP & DIE CORP.** ("G. T. D." Hand & Power, Automatic Opening Dies), Greenfield, Mass.

*See adv index at end of book*

#### 14841—Tapping Attachments (Drilling Machines)

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Bicknell-Thomas Co. (Friction Driven), Greenfield, Mass.

Dorman John H., 1 Bethune, New York

Errington F. A. (Automatic Reverse & Safety Friction Type), 39 Cortlandt, New York

Hoefer Mfg. Co., Freeport, Ill.

Horton E. & Son Co. (Automatic Reverse Safety Friction Type), Windsor Locks, Conn.

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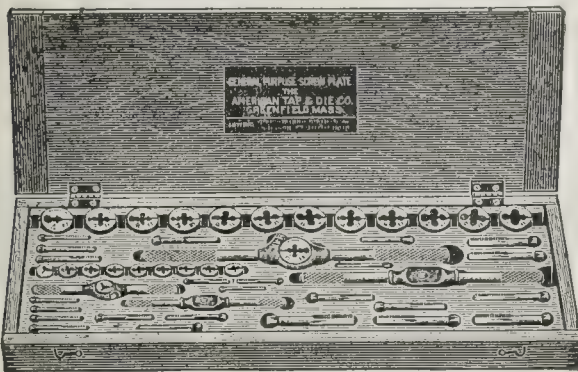
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Geometric Tool Co. ("Geometric" Collapsing), New Haven, Conn.  
Pratt & Whitney Co., Hartford, Conn.

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AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*  
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

#### 14844—Taps (Beaman & Smith Holder)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*  
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Card S. W. Mfg. Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.  
GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*  
Morse Twist Drill & Machine Co., New Bedford, Mass.  
Pratt & Whitney Co., Hartford, Conn.  
Standard Tool Co., 6900 Central av, Cleveland, O.  
Winter Brothers Co. ("Thistle"), Wrentham, Mass.

#### 14845—Taps (Bit Brace)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*  
Besly Chas. H. & Co. ("Helmet" Temper), 120 N Clinton, Chicago, Ill.

Card S. W. Mfg. Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.  
Pratt & Whitney Co., Hartford, Conn.  
Russell Mfg. Co. ("Russell"), Greenfield, Mass.  
Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

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Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.  
Brubaker W. L. & Bros., Millersburg, Pa.  
Butterfield & Co., Derby Line, Vt.  
Card S. W. Mfg. Co. (Taper), Mansfield, Mass.  
Carpenter J. M. Tap & Die Co. (Taper), Pawtucket, R. I.  
Champion Blower & Forge Co., Lancaster, Pa.  
Hart Mfg. Co., Cleveland, O.  
Morse Twist Drill & Machine Co., New Bedford, Mass.  
Polk A. J. & Son, (Taper, etc), Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.  
Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.  
Williams Drop Forging Co., Scranton, Pa.

#### Taps (Boiler)

*See Taps, Patch Bolt*

#### 14847—\*Taps (Boiler, Straight & Taper)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

#### 14848—\*Taps (Bottoming)

GREENFIELD TAP & DIE CORP. ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

#### 14849—Taps (Champagne)

Erie Specialty Co. ("Quick & Easy"), 520 W 12th, Erie, Pa.

Haydenville Co., Haydenville, Mass.  
Landers, Frary & Clark, New Britain, Conn.  
Morgan Silver Plate Co., Winsted, Conn.  
Ray Geo. A. Mfg. Co. (Nickel Plated), Buffalo, N. Y.  
Williamson C. T. Wire Novelty Co. ("Williamson" Gas Tight), Badger av, Newark, N. J.

#### 14850—Taps (Collapsible)

Errington F. A., 39 Cortlandt, New York  
Geometric Tool Co. ("Geometric," Adjustable), New Haven, Conn.  
Manufacturers Equipment Co., 171 N Jefferson, Chicago, Ill.  
Modern Tool Co. ("Modern," Adjustable), Erie, Pa.  
Murchey Machine & Tool Co. ("Murchey" Automatic, also Collapsing Tap & Reamer Combined), 85 Porter, Detroit, Mich.  
National-Acme Mfg. Co. ("Namo"), Cleveland, O.  
Victor Tool Co. ("Victor" Pipe), Waynesboro, Pa.

#### 14851—Taps (Combined Drill & Reamer)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*  
Hollands Mfg. Co., 352 E 18th, Erie, Pa.  
Mueller H. Mfg. Co., Decatur, Ill.  
Polk A. J. & Son, Millersburg, Pa.  
Standard Tool Co., 6900 Central av, Cleveland, O.  
Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

#### Taps (Current)

*See Taps, Electric Current*

#### 14852—Taps (Die)

AMERICAN TAP & DIE CO. ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*



Bay State Tap & Die Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.

Pratt & Whitney Co., Hartford, Conn.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

#### 14853—Taps (Electric Current)

Benjamin Electric Mfg. Co. (With Rotating Sleeve), 128 S Sangamon, Chicago, Ill.

Hubbell Harvey (Inc.), Bridgeport, Conn.  
Jordan Bros., 74 Beekman, New York

Manhattan Electrical Supply Co. ("Mesco"), 17 Park pl, New York

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

#### 14854—\*Taps (Gas Fixture)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

#### 14855—Taps (Hand)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Taper, Plug & Bottoming, also "Gun" Tapes. All Standards, Greenfield, Mass. *See adv index at end of book*

Pratt & Whitney Co., Hartford, Conn.

#### 14856—Taps (Hob)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.  
Card S. W. Mfg. Co. (Short or Long, also Master), Mansfield, Mass.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Short Plug & Pipe, Greenfield, Mass. *See adv index at end of book*

Morse Twist Drill & Machine Co. (Hob or Master; also Sellers; also Short Plug), New Bedford, Mass.

Polk A. J. & Son (Sellers), Millersburg, Pa.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14857—\*Taps (Horse Shoe)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Horse Shoe Calk, "Little Giant," "Smart", Greenfield, Mass.  
*See adv index at end of book*

#### 14858—Taps (Interrupted Thread)

Pratt & Whitney Co. ("Echols" Patent), Hartford, Conn.

#### 14859—\*Taps (Locomotive)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

#### 14860—Taps (Machine)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.

**GREENFIELD TAP & DIE CORP.** ("G. T. D." & "Gun" Taps), Greenfield, Mass.

Reed & Prince Mfg. Co., Worcester, Mass.

#### 14861—Taps (Machine Nut)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.

Brown H. B. Co. (Nut Threading), East Hampton, Conn.

Brubaker W. L. & Bros., Millersburg, Pa.  
Butterfield & Co. ("Derby"), Derby Line, Vt.

Card S. W. Mfg. Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.

Reed & Prince Mfg. Co., Worcester, Mass.  
Reynolds James Mfg. Co., New Haven, Conn.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14862—Taps (Machine Screw)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.

Brubaker W. L. & Bros., Millersburg, Pa.  
Butterfield & Co., Derby Line, Vt.

Card S. W. Mfg. Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

Corbin Screw Corp., New Britain, Conn.  
**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.

Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.

Reed & Prince Mfg. Co., Worcester, Mass.  
Reynolds James Mfg. Co., New Haven, Conn.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Superior Tap Co., Charlestown, N. H.  
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

#### 14863—Taps (Machinists' Hand)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.

Brubaker W. L. & Bros., Millersburg, Pa.  
Butterfield & Co., Derby Line, Vt.

Card S. W. Mfg. Co. ("Paragon"), Mansfield, Mass.

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Taper, Plug & Bottoming, Greenfield, Mass.

*See adv index at end of book*

Hart Mfg. Co. ("Duplex"), Cleveland, O.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.

Morse Twist Drill & Mach. Co., New Bedford, Mass.

Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.

Reed & Prince Mfg. Co., Worcester, Mass.  
Reynolds James Mfg. Co., New Haven, Conn.

Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co. ("Thistle"), Wrentham, Mass.

#### 14863a—\*Taps (Metric)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

#### 14864—Taps (Mud Plug or Wash-Out)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Card S. W. Mfg. Co., Mansfield, Mass.  
**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Mud Plug or Wash-Out, Greenfield, Mass.

*See adv index at end of book*

Pratt & Whitney Co., Hartford, Conn.

#### 14865—Taps (Patch Bolt)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.

Brubaker W. L. & Bros., Millersburg, Pa.  
Card S. W. Mfg. Co., Mansfield, Mass.

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

Chicago Screw Co., 13 N Jefferson, Chicago, Ill.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

Morse Twist Drill & Mach. Co., New Bedford, Mass.

Pawtucket Mfg. Co., Pawtucket, R. I.

Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Superior Tap Co., Charlestown, N. H.  
Wells F. E. & Son Co. ("Wells"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14866—Taps (Plug)

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

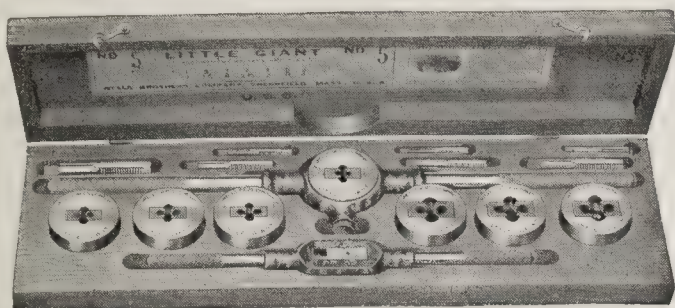
**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.

*See adv index at end of book*

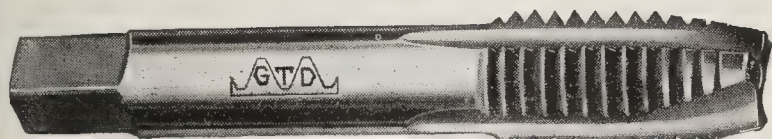




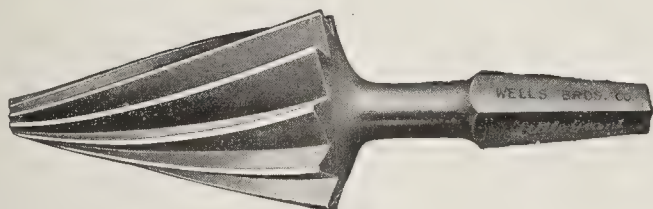
Little Giant Single Stocked Screw Plate



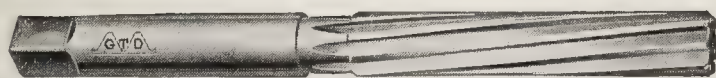
Trio Pipe Stock



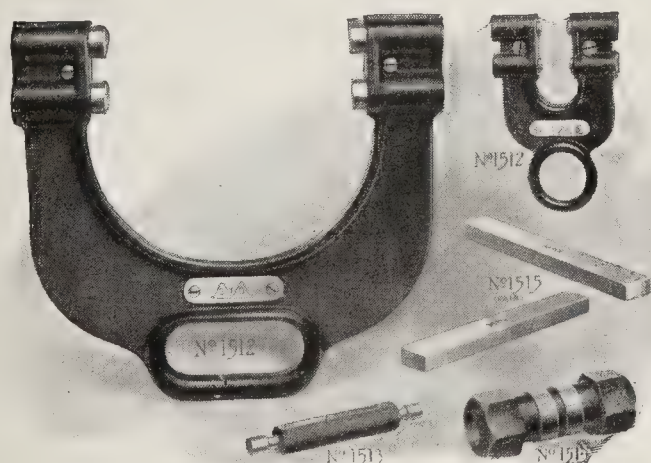
The "Gun" Tap



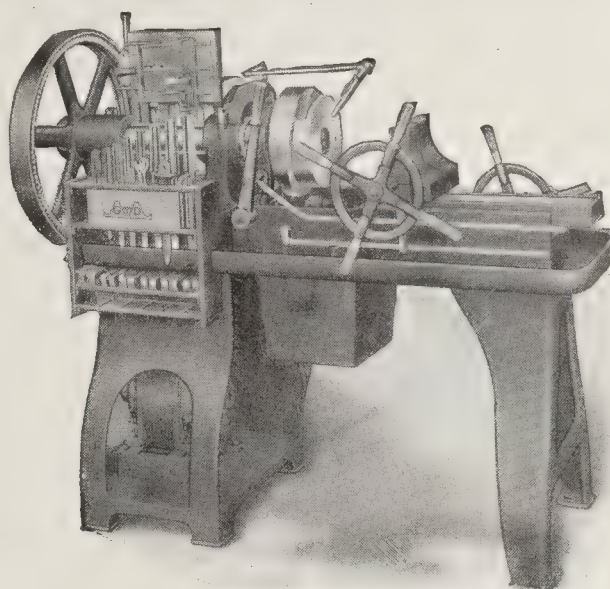
Bit Brace Burring Reamer



Spiral Fluted Hand Reamer



G. T. D. Limit Snap Gages and Setting Plugs



G. T. D. Threading Machine

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**W**E are manufacturers of a complete line of Screw Cutting and Measuring Tools. Practically every need of the user of screw threads can be found listed in our general catalog No. 37, a copy of which we want to send you, if you haven't one in your files.

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**GAGES**—a large line of standard precision gages, including the well-known GTD Limit Snap Gages—for both screw thread and cylindrical measurements.

*Our factories are also specially equipped for handling all kinds of special Gage orders*

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# GREENFIELD TAP AND DIE CORPORATION

## GREENFIELD, MASSACHUSETTS



New York, 28 Warren St.  
Chicago, 13 South Clinton St.

London, 149 Queen Victoria St.

Canada Factory, Wells Brothers Co. of Canada, Ltd.,

Galt, Ontario.





# "A Word to the Wise"

## *Buyers will often save time*

---

by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.



Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.  
Brubaker W. L. & Bros., Millersburg, Pa.  
Butterfield & Co., Derby Line, Vt.  
Card S. W. Mfg. Co. (Also Spindle Stay-bolt), Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.

Oswego Tool Co., Oswego, N. Y.  
Polk A. J. & Son, Millersburg, Pa.  
Pratt & Whitney Co., Hartford, Conn.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Superior Tap Co., Charlestown, N. H.

Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14873—Taps (Stove Bolt)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Card S. W. Mfg. Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.

Polk A. J. & Son, Millersburg, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.

Superior Tap Co., Charlestown, N. H.

Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14874—Taps (Taper)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co., 120 N Clinton, Chicago, Ill.

Card S. W. Mfg. Co., Mansfield, Mass.  
Carpenter J. M. Tap & Die Co. (Bicycle, etc.), Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Polk A. J. & Son, Millersburg, Pa.

Reed & Prince Mfg. Co., Worcester, Mass.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Superior Tap Co., Charlestown, N. H.

Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14875—Taps (Tapper)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.  
Besly Chas. H. & Co. ("Helmet," Temper), 120 N Clinton, Chicago, Ill.

Butterfield & Co. (Bicycle, etc.), Derby Line, Vt.  
Card S. W. Mfg. Co., Mansfield, Mass.

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Morse Twist Drill & Mach. Co., New Bedford, Mass.

Ohio Ceramic Engineering Co., Berea rd, Cleveland, O.

Polk A. J. & Son, Millersburg, Pa.

Pratt & Whitney Co., Hartford, Conn.

Superior Tap Co., Charlestown, N. H.

Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14876—Taps & Drills Combined (Pipe)

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Combined Pipe Tap & Drill, Greenfield, Mass.  
*See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.  
Standard Tool Co., 6900 Central av, Cleveland, O.

#### 14877—Taps & Drills (Pipe)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Besly Chas. H. Co. ("Helmet" Temper), 120 N Clinton, Chicago, Ill.

Brubaker W. L. & Bros., Millersburg, Pa.

Carpenter J. M. Tap & Die Co. (Pipe Taps Only), Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Combined Pipe Tap & Drill, Greenfield, Mass.  
*See adv index at end of book*

Morse Twist Drill & Machine Co., New Bedford, Mass.

Pratt & Whitney Co., Hartford, Conn.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Standard Tool Co., 6900 Central av, Cleveland, O.

Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

#### 14878—Taps & Reamers (Pipe)

**AMERICAN TAP & DIE CO.** ("Adamantine"), Greenfield, Mass.  
*See adv index at end of book*

Ashcroft Mfg. Co., 119 W 40th, New York

Bay State Tap & Die Co., Mansfield, Mass.

Brubaker W. L. & Bros., Millersburg, Pa.

Buffum Tool Co. ("Swastika," "Plumbers"), South Side, Louisiana, Mo.

Butterfield & Co. ("Derby"), Derby Line, Vt.

Card S. W. Mfg. Co., Mansfield, Mass.

Carpenter J. M. Tap & Die Co., Pawtucket, R. I.

**GREENFIELD TAP & DIE CORP.** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Hart Mfg. Co. ("Duplex"), Cleveland, O.

Hollands Mfg. Co., 352 E 18th, Erie, Pa.

Keystone Die Stock Co. ("J. J. Delehant's Keystone"), 652 W 47th, Chicago, Ill.

Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.

Morse Twist Drill & Machine Co. (Also Straight & Whitworth Pipe Taps), New Bedford, Mass.

Mueller H. Mfg. Co. (Ratchet Handle Pipe Reamers), Decatur, Ill.

Polk A. J. & Son, Millersburg, Pa.

Pratt & Whitney Co., Hartford, Conn.

Putnam Machine Co., Fitchburg, Mass.

Reed & Prince Mfg. Co., Worcester, Mass.

Russell Mfg. Co. ("Russell"), Greenfield, Mass.

Saunders' D. Sons, Yonkers, N. Y.

Superior Tap Co. (Taps), Charlestown, N. H.

Victor Tool Co. (Collapsing Pipe Taps), Waynesboro, Pa.

Walworth Mfg. Co., Boston, Mass.

Winter Bros. Co., Wrentham, Mass.

#### 14879—Tar Burning Systems (Smokeless)

Connelly Iron Sponge & Governor Co., 227 Fulton, New York

#### 14880—Tar Mfrs.

*See also Coal Tar Products*

Adams Fred C. Co., 234 S La Salle, Chicago, Ill.

Atlanta Gas Light Co., Atlanta, Ga.

Barrett Co., 17 Battery pl, New York

Carolina Pine Products Co., Cleveland, O.

General Roofing Mfg. Co., 17th & Southern Ry., East St. Louis, Ill.

Hamilton-Otto Coke Co., Hamilton, O.

New Haven Gas Light Co., New Haven, Conn.

Spokane Falls Gas Light Co., Spokane, Wash.

United Gas Improvement Co., Phila., Pa.

#### 14881—Tar (Pine)

*See also Oil, Pine*

Corner Jas. & Sons, E Falls av & Fawn, Baltimore, Md.

General Naval Stores Company (Inc.), ("Sunny South"), 90 West, New York

Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York

Larendon M. W. & Co. (Jobbers), 82 Wall, New York

Martin Wm. A. & Co., Wilmington, N. C.

Noble Electric Steel Co., 995 Market, San Francisco, Cal.

No. Western Pine Tar Co., 1905 Diversey, Chicago, Ill.

Pensacola Tar & Turpentine Co., Gull Point, Fla.

Reeder Oliver & Son, Key, Highway & Co., Baltimore, Md.

Willcox-Ives Oil Co., Savannah, Ga.

#### 14882—Tar (Refined)

Carey Philip Mfg. Co., 330 Wayne av, Lockland, Cincinnati, O.

#### 14882a—\*Tar (Road, Refined & Dehydrated)

**DU PONT CHEMICAL WORKS** ("Pontar"), 120 Broadway, New York

#### 14883—Tar (Wood)

Newton Chemical Co., Olean, N. Y.

#### 14884—Targets (Shooting Gallery)

Arcade Mfg. Co., Freeport, Ill.

Dennison Mfg. Co. (Paper), 26 Franklin, Boston, Mass.

Quackenbush H. M., Herkimer, New York

#### Targets (Trap Shooting)

*See Traps & Targets, Trap Shooting*

#### 14885—Tarpaulins, Wagon Covers, Etc.

*See also Tents, Contractors'*

Amer. Commercial Corp., 120 B'way, New York

American Tent & Awning Co., 307 Washington av, North Minneapolis, Minn.

Anchor Supply Co., Evansville, Ind.

Aronoff Joseph J., 120 Hamilton av, Trenton, N. J.

**ATLANTA TENT & AWNING CO., Atlanta, Ga.**

Baker & Lockwood Mfg. Co., Kansas City, Mo.

Brooks Tent & Awning Co., Denver, Colo.

Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, O.

Carnie-Goudie Mfg. Co., Kansas City, Mo.

Carpenter Geo. B. & Co., 400 Wells, Chicago, Ill.

Denver Tent & Awning Co., Denver, Colo.

Fulton Bag & Cotton Mills, Atlanta, Ga.

Hettrick Mfg. Co., Toledo, O.

Humphry's R. A. Sons, 1021 Collowhill, Phila., Pa.

Johnson John Co., Detroit, Mich.

Lane J. H. & Co., 334 4th av, New York or Poughkeepsie, N. Y.

Lincoln Tent & Awning Co., Lincoln, Neb.

Little Rock Tent & Awning Co., Little Rock, Ark.

Meyer L. M. & Co., Springfield, Mass.

Mills Andrew & Sons, 53 South, New York

Moore Benj. & Co., 27 South, New York

Mowry David C. & Son, Geneva, Neb.

Pittsburgh Waterproof Co., 435 Liberty av, Pittsburgh, Pa.

Rider A. J., Syracuse, N. Y.

Rogers Tent & Awning Co., Fremont, Neb.

Rowe E. L. & Son, Gloucester, Mass.

Schaefer Tent & Awning Co., Denver, Colo.

Smith Arthur F., 79 Beekman, New York

**STANLEY WM. W.** (Waterproof), 50 Church, New York

Sullivan Jno. & Son, 356 Hudson, New York

Thomas Wm. E. & Co., 42 South, New York

Wheeling Tent & Awning Co., Wheeling, W. Va.

Wolf Bros. Tent & Awning Co., Omaha, Neb.

Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

#### 14886—Tassels (Brass)

Judd H. L. Co., 87 Chambers, New York

Turner & Seymour Mfg. Co., Torrington, Conn.



**14887—Tassels (Harness & Saddlery)**

Advance Specialty & Mfg. Co. (Hair), St. Joseph, Mo.  
 Fielding A. & Bros. (Hair), Hoboken, N. J.  
 Louisville Girth & Blanket Mills, Louisville, Ky.  
 Rauschenberger John Co., 87 W Water, Milwaukee, Wis.

**14888—Tassels (Silk, Drapery, Etc.)**

American Passementry Factory, 529 B'way, New York  
 Bridgeport Coach Lace Co. (Coach), Bridgeport, Conn.  
 Buschner A. C. & Co., 1253 Nostrand av, Brooklyn, N. Y.  
 Empire Braid Works, 413 W B'way, New York  
 Empire Fringe Co., 909 Falle, New York  
 Fielding A. & Bro. (Hair), Hoboken, N. J.  
 Helmus Gabriel, 142 Greene, New York  
 Horstmann W. H. Co., 5th & Cherry, Phila., Pa.  
 Mason & Co. (Silk), Paterson, N. J.  
 New York Tassel & Cord Co., 35 Howard, New York  
 Rosenthal Bros., 463 Broome, New York  
 Schlegel Mfg. Co., Rochester, N. Y.  
 Schultz-Goodwin Co., 31 Lincoln, Boston, Mass.  
 Siegman & Well (Tinsel), 20 E 27th, New York  
 Unger Wm. & Bro., 496 B'way, New York  
 United States Trimming Co., 39 N 10th, Phila., Pa.  
 United Trimming Co., 18 W 27th, New York  
 Vogt Mfg. & Coach Lace Co. (Coach), Rochester, N. Y.  
 Walliser August, 531 Hermitage Rox, Phila., Pa.  
 Webendorfer H., 338 E 103d, New York  
 Weinz Trimming Co., 68 Chauncy, Boston, Mass.

**14889—Teasels**

Kellogg Bros., Skaneateles, N. Y.

**Technical Institutions**

See Engineering Schools & Colleges

**14890—Teddors (Hay)**

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
 Gehl Bros. Mfg. Co., West Bend, Wis.  
 Hocking Valley Mfg. Co., Lancaster, O.  
 Howell R. R. & Co., 31st av, Minneapolis, Minn.

**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, (Champion - Deering - McCormick - International), 702 Harvester bldg, Chicago, Ill. See adv index at end of book

Johnston Harvester Co., Batavia, N. Y.  
 Messinger Mfg. Co., Tatamy, Pa.  
 Moline Plow Co. ("Flying Dutchman"), Moline, Ill.  
 Ohio Rake Co. ("Monarch," "Quail," "Lion," "O. R. C." Wood), Dayton, O.  
 Richardson Mfg. Co., Worcester, Mass.  
 Sterling Mfg. Co., Sterling, Ill.  
 Thomas Mfg. Co. ("Thomas," "Royal," "Triumph"), Springfield, O.  
 Wood Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

**14891—Tees (Boiler)**

Slake Specialty Co. (Double Union & Bottom Boiler), Rock Island, Ill.

**14891a—\*Tees (Brass, Cast & Mall. Iron)**

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. See adv index at end of book

**14891b—\*Tees (Flanged, Extra Heavy)**

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. See adv index at end of book

**14892—Tees (Pipe)**

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
 For branch offices see adv index at end of book

General Fire Extinguisher Co., Providence, R. I.

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.

See adv index at end of book

Jarecki Mfg. Co. (Manifold or Branch, etc), Erie, Pa.

Kelly & Jones Co. (Cast & Malleable Iron), 135 Water, Pittsburgh, Pa.

**LUNKENHEIMER CO.** (Brass), Executive Offices. Factories: Beekman & Waverly, Cincinnati, O.

See adv index at end of book

Malleable Iron Fittings Co. ("M. I. F. Co."), Malleable, Branford, Conn.

National Tube Co. (Cast, Malleable & Brass, with "KEWANEE" Union), Frick bldg, Pittsburgh, Pa.

See adv index at end of book

Powell Wm. Co. (Brass), Cincinnati, O.

**14893—Tees (Test, Soil Pipe)**

Compound Injector & Specialty Co. ("Dehn"), 419 N Laramie av, Chicago, Ill.

**14894—Tees (Union)**

Dart E. M. Mfg. Co. ("Dart"), 136 Clifford, Providence, R. I.

See adv index at end of book

Jefferson Union Co. ("Jefferson"), Lexington, Mass.

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. See adv index at end of book

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

**14895—Teeth (Bundle Carrier)**

Harrow Spring Co. (Spring), Milwaukee, Wis.

Morgan Spring Co., Worcester, Mass.

**14896—Teeth (Cultivator)**

Allen S. L. & Co. ("Planet, Jr."), Denckla bldg, Phila., Pa.

Bateman Mfg. Co., Grenloch, N. J.  
 Cambria Steel Co. (Steel), Widener bldg, Phila., Pa.

Farquhar A. B. Co. (Ltd.), York, Pa.  
 Harrow Spring Co. (Spring), Milwaukee, Wis.

Hench & Dromgold Co., York, Pa.  
 Parlin & Orendorff Co., Canton, Ill.

**14897—Teeth (Dipper)**

American Forge Works, Denver, Colo.  
 American Manganese Steel Co. ("Amsco," "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

National Iron Co., Duluth, Minn.  
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

**14898—Teeth for Crusher Rolls**

Alloy Steel Forging Co., Carnegie, Pa.  
 Keystone Drop Forge Works, Chester, Pa.

Scranton Forging Co. (For Coal & Salt), Scranton, Pa.

**14899—Teeth (Harrow)**

Babcock Mfg. Co., Leonardsville, N. Y.  
 Cambria Steel Co. (Spring Teeth), Widener bldg, Phila., Pa.

Henry & Allen (Reversible), Auburn, N. Y.

Herschel R. Mfg. Co., Peoria, Ill.  
 Inland Steel Co. (Bessemer Steel), First Nat'l Bank bldg, Chicago, Ill.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Madison Plow Co., Madison, Wis.

Mason F. C. & Co. (Spring, Spike), St. Johns, Mich.

Noll Bros. (Spring & Spike), 849 Allis, Milwaukee, Wis.

Ohio Cultivator Co., Bellevue, O.  
 Oliver Iron & Steel Co., S 10th & Muriel, Pittsburgh, Pa.

Pittsburgh Rivet Co. (Round & Square Steel), 38th & Junction R. R., Pittsburgh, Pa.

**14900—Teeth (Hay Loader)**

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
 See adv index at end of book

**Teeth (Hay Rake)**

See Teeth, Rake & Tender

**14901—Teeth (Rake & Tedder)**

American Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.

Cambria Steel Co., Widener bldg, Phila., Pa.

Estes E. B. & Sons (Rake), 358 5th av, New York. See adv index at end of book

Harrow Spring Co. (Rake Teeth), Milwaukee, Wis.

Herschel R. Mfg. Co., Peoria, Ill.

Mason F. C. & Co., St. Johns, Mich.

Whitaker Mfg. Co., 409 S Green, Chicago, Ill.

**14902—Teeth (Scarifier)**

Alloy Steel Forging Co., Carnegie, Pa.

American Manganese Steel Co. ("Amsco," "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

**14903—Teeth (Steam Shovel & Dredge)**

American Manganese Steel Co. ("Amsco," "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

Cupples Adjustable Tooth Co. ("Cupples" Adjustable), Tyrone, Pa.

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

Taylor-Wharton Iron & Steel Co., High Bridge, N. J.

**14904—Teeth (Thresher)**

Christian Jno. Mfg. Co., San Jose, Cal.

Henry & Allen, Auburn, N. Y.

Rhode Island Tool Co. (Steel), Providence, R. I.

Rumely M. Co., La Porte, Ind.

Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

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Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.



**14914—Telephone Cabinet Work**

Acme Cabinet Co. ("Acme" Folding Door, Booth, etc.), 116 W 32d, New York  
 Bauerle & Stark Co. (Boxes, etc), 1147 W Ohio, Chicago, Ill.  
 Brownell C. H. ("Altick" Folding Booths, etc), Peru, Ind.  
 Cadwell-Vernon Co. (Booths), Jamestown, N. Y.  
 Churchill Cabinet Co. (Boxes, etc), 2119 Churchill, Chicago, Ill.  
 Cullen & Vaughn Co., 450 Dayton, Hamilton, O.  
**DAHLSTROM METALLIC DOOR CO.** (Hollow Metal Booths), 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

Findeisen & Kropf Mfg. Co., 2550 W 21st, Chicago, Ill.  
 French Cabinet Co. (Booths), Metropolitan av nr Flushing av, Brooklyn, N. Y.  
 Heyden F. (Boxes, etc), 517 N Halsted, Chicago, Ill.  
 Home Equip. Co., Pleasanton, Kan.  
 Jordan Edw. B. & Co. (Boxes, etc), 129 Degraw, Brooklyn, N. Y.  
 Palen's H. W. Sons (Fine Cabinet Finish), Kingston, N. Y.  
 Seaman W. S. Co. (Booths & Supplies), 480 Virginia, Milwaukee, Wis.  
 Sewing Machine Cabinet Co. (On Order), Bridgeport, Conn.  
 Standard Cabinet Mfg. Co., Peru, Ind.  
 Western Electric Co. (Booths, etc), 463 West, New York  
 Wilhelm Telephone Mfg. Co. (Boxes, etc), Buffalo, N. Y.  
 Wisconsin Chair Co. (Boxes, etc), Port Washington, Wis.  
 Yesbera Mfg. Co. (Booths, etc), Toledo, O.

**14915—\*Telephone Cleats & Staples**

**DELAWARE HARD FIBRE CO.** (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*  
**WILMINGTON FIBRE SPECIALTY CO.**, Wilmington, Del.  
*See adv index at end of book*

**14916—Telephone Cushions (Pneumatic)**

Huron Rubber Co., Cleveland, O.

**14917—Telephone Desk Stands**

Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Western Electric Co., 463 West, New York

**Telephone Holders**

See Brackets, Desk, Telephone

**14918—Telephone Knobs**

Scranton Button Co. (Electroid), Scranton, Pa.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**14919—Telephone Meters or Registers**

Gray Telephone Pay Station Co., Hartford, Conn.  
 Pearce W. H. & Co. ("Crescent"), 333 S Dearborn, Chicago, Ill.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**14920—Telephone Mouthpieces**

Rubber, Composition & Hard Fibre; see also Porcelain Specialties, Electrical, etc  
 American Electric Co. (Glass, "Germ-proof" Porcelain "Burns"), 6401 S State, Chicago, Ill.  
 American Hard Rubber Co., 9 Mercer, New York  
 Auburn Button Works, Auburn, N. Y.  
 Dickinson Mfg. Co., Springfield, Mass.  
 Electrore Mfg. Co. (Composition), Washington & Plymouth, Brooklyn, N. Y.  
 General Insulate Co. ("Insulate," "Seamless"), 1008 Atlantic av, Brooklyn, N. Y.  
 Hemming Mfg. Co., Garfield, N. J.  
 Schneider J. S. (Glass), Ridgefield, Conn.  
 Scranton Button Co. (Electroid), Scranton, Pa.

Siemon Hard Rubber Corp., Bridgeport, Conn.  
 Stokes Jos. Rubber Co., Trenton, N. J.  
 Stromberg-Carlson Telephone Mfg. Co. (Glass), Rochester, N. Y.  
 Vulcanized Rubber Co., 251 4th av, New York

**14921—Telephone Parts**

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Western Electric Co., 463 West, New York  
 Worcester Pressed Steel Co., Worcester, Mass.

**14922—Telephone Pole Changer**

Holtzer-Cabot Electric Co. (Rotary), Brookline, Mass.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**Telephone Poles**

See Poles, Various Kinds; also Ties, Poles & Posts

**14923—Telephone Protectors**

Central Telephone & Electric Co., 310 N 11th, St. Louis, Mo.  
 Cook Frank B. Co. ("Cook"), 326 W Madison, Chicago, Ill.  
 D. & W. Fuse Co., Hathaway, Providence, R. I.  
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.  
 Lafayette Electric & Mfg. Co., Lafayette, Ind.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**14924—Telephone Receiver Shells**

American Enamel Co., Providence, R. I.  
 American Hard Rubber Co., 9 Mercer, New York  
 Auburn Button Works, Auburn, N. Y.  
 Dickinson Mfg. Co., Springfield, Mass.  
 Electrore Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.  
 General Insulate Co. ("Insulate"), 1008 Atlantic av, Brooklyn, N. Y.  
 Hemming Mfg. Co., Garfield, N. J.  
 Murdock W. J. Co., Chelsea, Mass.  
 Scranton Button Co. (Electroid), Scranton, Pa.  
 Siemon Hard Rubber Corp., Bridgeport, Conn.  
 Stokes Jos. Rubber Co., Trenton, N. J.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Vulcanized Rubber Co., 251 4th av, New York

**14925—Telephone Receivers**

American Hard Rubber Co., 9 Mercer, New York  
 Automatic Electric Co. ("Pioneer"), 1001 W Vanburen, Chicago, Ill.  
 Central Telephone & Elec. Co., 310 N 11th, St. Louis, Mo.  
 Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.  
 Dickinson Mfg. Co., Springfield, Mass.  
 Ericsson Mfg. Co., Buffalo, N. Y.  
 Farr Telephone & Construction Supply Co., 112 N 5th av, Chicago, Ill.  
 Hemming Mfg. Co., Garfield, N. J.  
 Holtzer-Cabot Electric Co., Brookline, Mass.  
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.  
 Long Distance Telephoning Mfg. Co., South Bend, Ind.  
 Murdock W. J. Co., Chelsea, Mass.  
 Novelty Electric Co., 50 N 4th, Phila., Pa.  
 Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Utica Fire Alarm Telegraph Co., Utica, N. Y.  
 Western Electric Co., 463 West, New York  
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.

**14926—Telephone Relay Shells**

Cassady Fairbank Mfg. Co., 6126 LaSalle, Chicago, Ill.

**14927—Telephone Ringing Apparatus**

Butler Edwards Electric Co., Easton, Pa.  
 Leich Electric Co., Genoa, Ill.  
 Long Distance Telephone Mfg. Co., South Bend, Ind.  
 Roth Bros. & Co., 1400 W Adams, Chicago, Ill.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.

**14928—Telephone Testing Sets**

Holtzer-Cabot Electric Co. (Lineman's), Brookline, Mass.  
 Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**14929—Telephone Transmitter Arms**

Columbia Wire & Iron Works (Extension Telephone Arms), 1933 W Lake, Chicago, Ill.  
 Ericsson Mfg. Co., Buffalo, N. Y.  
 Holtzer-Cabot Electric Co., Brookline, Mass.  
 Rex Mfg. Co., Corry, Pa.  
 Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Western Electric Co., 463 West, New York

**14930—Telephone Transmitters**

Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.  
 Connecticut Telephone & Electric Co., Meriden, Conn.  
 Electrore Mfg. Co., Wash'n & Plymouth, Brooklyn, N. Y.  
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.  
 Leich Electric Co., Genoa, Ill.  
 Long Distance Telephone Mfg. Co., South Bend, Ind.  
 Moore's Telephone System, Caro, Mich.  
 Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Tel. Mfg. Co., Rochester, N. Y.  
 Western Telephone Mfg. Co. (For Switchboards, etc), 2843 Warsaw av, Chicago, Ill.

**Telephone Woodwork**

See Telephone Cabinet Work

**14931—Telephones (Automatic)**

Automatic Electric Co., 100 W Vanburen, Chicago, Ill.  
 Couch S. H. Co. (Couch "Autophone"), Norfolk Downs, Mass.  
 Stanley & Patterson, Inc., 23 Murray, New York

**14932—Telephones (Automobile)**

American Electric Co. ("Carphones"), 641 S State, Chicago, Ill.  
 Conn. Telephone & Electric Co., Meriden, Conn.  
 Taylor H. D. Co., Buffalo, N. Y.

**14933—Telephones (Interior)**

Automatic Electric Co. (Automatic Intercommunication), 1001 W Van Buren, Chicago, Ill.  
 Century Telephone Construction Co., Buffalo, N. Y.  
 Chicago Electric Mfg. Co. (Automatic Intercommunicating), 2817 S Halsted, Chicago, Ill.  
 Connecticut Telephone & Electric Co., Meriden, Conn.  
 Couch S. H. Co., Quincy, Mass.  
 Direct Line Telephone Co. ("Direct Line" Secret Service), 450 Broome, New York  
 Electric Specialty Mfg. Co., Moorhead bldg, Pittsburgh, Pa.  
 Earl Electric Co., Akron, O.  
 Hepburn Telephone Mfg. Co., 325 S Dearborn, Chicago, Ill.  
 Holtzer-Cabot Electric Co. (Also for Schools & Apartment Houses), Brookline, Mass.



Kelley Electric Co., 427 Elm, Cincinnati, Ohio  
 Manhattan Electrical Supply Co., 17 Park pl, New York  
 National Dictagraph Co. ("Turner" Intercommunicating), 220 W 42nd, New York  
 Patrick & Wilkins Co., 51 N 7th, Phila., Pa.  
**PETTES & RANDALL CO.**, 150 Nassau, New York  
 Screw Machine Products Co. ("Slect-O-Phone"), 1012 Eddy, Providence, R. I.  
 Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co. (Intercommunicating), Rochester, N. Y.  
 Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

**14934—Telephones (Mine)**

Electric Service Supplies Co. ("Key-stone"), 17th & Cambria, Phila., Pa.  
 Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co. ("Mine-a-Phone" System), Rochester, N. Y.  
 Western Electric Co., 463 West, New York

**14935—Telephones (Pendant)**

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**14936—Telephones (Portable)**

Stanley & Patterson, Inc., 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

**14937—Telephones & Apparatus**

See also Switchboards, Telephone

Ackerman Telephone Co., 631 W Jackson, Chicago, Ill.  
 American Electric Co. ("Samson," "American"), 6401 S State, Chicago, Ill.  
 Andrae Julius & Sons Co., 362 Broadway, Milwaukee, Wis.  
 Archer Geo. F. (Celebrated Automatic, Intercommunicating), 10 E 43d, New York  
 Arnold S. G., 2619 W Vanburen, Chicago, Ill.  
 Augusta Mutual Telephone Co., Augusta, Ill.  
 Automatic Electric Co., 1001 W Vanburen, Chicago, Ill.  
 B. R. Electric & Telephone Mfg. Co., Kansas City, Mo.  
 Bainbridge Electrical Co., 1613 Samson, Phila., Pa.  
 Bilton Machine Tool Co. (The) ("Crown" for Factories, Hotels, etc), Bridgeport, Conn.  
 Bunnell J. H. & Co., 32 Park pl, N. Y.  
 Central Telephone & Elec. Co., 310 N 11th, St. Louis, Mo.  
 Century Telephone Const. Co., Buffalo, N. Y.  
 Chicago Electric Mfg. Co., 2817 S Halsted, Chicago, Ill.  
 Chicago Telephone Supply Co., Elkhart, Ind.  
 Connecticut Telephone & Electric Co. (Inc.) (Interior & Long Distance), Meriden, Conn.  
 Cook Frank B. Co., 326 W Madison, Chicago, Ill.  
 Couch S. H. Co., Quincy, Mass.  
 Direct Line Telephone Co., 450 Broome, New York  
 Ericsson Mfg. Co., Buffalo, N. Y.  
 Farr Telephone & Construction Supply Co., 112 N 5th av, Chicago, Ill.  
 Hepburn Telephone Mfg. Co., 325 S Dearborn, Chicago, Ill.  
 Holtzer-Cabot Electric Co., Brookline, Mass.  
 Inland Electric Co., 211 Chestnut, St. Louis, Mo.  
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.  
 Lafayette Electric & Mfg. Co., Lafayette, Ind.  
 Leich Electric Co. ("Leich" Automap-phone), Genoa, Ill.  
 Long Distance Telephone Mfg. Co., South Bend, Ind.  
 Manhattan Electrical Supply Co., 17 Park pl, New York  
 Marvin W. B. Mfg. Co., Urbana, O.

Menominee Elec. Mfg. Co., Menominee, Mich.  
**Minnesota Electric Co.**, 309 2nd av S, Minneapolis, Minn.  
 Modern Electric Co., Burlington, Ia.  
 Monarch Telephone Mfg. Co., Ft. Dodge, Ia.  
 Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.  
 Russell Electric Co., Danbury, Conn.  
**Signalphone Alarm Co.**, Milwaukee, Wis.  
 Simplex Interior Telephone Co., 217 E 3d, Cincinnati, O.  
 Spencer Electrical Co., 163 Greenwich, New York  
 Stanley & Patterson, Inc. (Automatic Switchless), 23 Murray, New York  
 Stromberg-Carlson Telephone Mfg. Co. (& Construction Material), Rochester, N. Y.  
 Swedish-American Telephone Mfg. Co., 5225 Ravenswood av, Chicago, Ill.  
 Utica Fire Alarm Telegraph Co., Utica, N. Y.  
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.  
 Wilhelm Telephone Mfg. Co., Buffalo, N. Y.  
 Winkler & Reichmann, 5 S Wabash av, Chicago, Ill.

**14938—Telescopes**

Abel & Bach Co., Milwaukee, Wis.  
 Bausch & Lomb Optical Co. (Observation, etc), Rochester, N. Y.  
 Belber Trunk & Bag Co., 1641 N Hancock, Phila., Pa.  
 Clark, Alvan & Sons Corp. (Astronomical), Cambridge, Mass.  
 Diamond, Nicholas & Co., 616 W Adams, Chicago, Ill.  
 Fibre Case & Novelty Co., 274 Church, New York  
 Goerz C. P. American Optical Co., 317 E 34th, New York  
 Gundlach Manhattan Optical Co., Rochester, N. Y.  
 Hartmann Trunk Co., Racine, Wis.  
 Headley & Farmer Co., Newark, N. J.  
 King Julius Optical Co. (Imp.), 10 Maiden la, New York  
 Leeds & Northrup Co. (Reading), Stenton av, Phila., Pa.  
 Mogey W. & D., Plainfield, N. J.  
 Scheidig John & Co. (Imp.), 32 Maiden la, New York  
 Seitz J. H. & Son, 414 Brown, Phila., Pa.  
 Spencer Lens Co., Buffalo, N. Y.  
 Spencer Optical Co. (Imp.), 7 Maiden la, New York  
 Stevens J. Arms Co. (Rifle), Chicopee Falls, Mass.  
 Sussfeld, Lorsch & Co. (Imp.), 90 Maiden la, New York  
 Warner & Swasey Co. (Astronomical, etc.), Cleveland, O.  
 Warren Leather Goods Co., Worcester, Mass.

**14939-40 Tell Tales (Rope)**

Strong Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.

**14941—Telpherage (Electric Conveying)**

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.  
*See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R. Ry, Phila., Pa.  
*See adv index at end of book*  
 United Telpherage Co., 101 Park av, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14942—Temperers (Corn & Grain)**

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
 Richmond Mfg. Co. ("Niagara"), Lockport, N. Y.

**14942a—\*Tempering Apparatus for Tubes (Light Bars & Shapes)**

Snead & Co. Iron Works (& Automobile Shafts), 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

**14943—Tempering Tanks**

**BIGGS BOILER WORKS CO.**, Case av & Williams, Akron, O.  
*See adv index at end of book*  
 Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Graver Wm. Tank Works, East Chicago, Ind.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
**Kraft A. C.**, 323 W Lake, Chicago, Ill.  
 Manitowoc Engineering Works, Manitowoc, Wis.

**14944—Tempering to Order**

American Metal Treatment Co., Elizabeth, N. J.  
**BARNES THE WALLACE CO.**, 18 Wallace, Bristol, Conn.  
*See adv index at end of book*  
 Cary Spring Works ("Cary"), 240 W 29th, New York  
 Harrow Spring Co., Colby-Abbott bldg, Milwaukee, Wis.  
 Myall-Wallace Co., 17 E Austin av, Chicago, Ill.  
 National Cycle & Mfg. Co., Bay City, Mich.  
 Sterling Drop Forge Works, 112 N La Salle, Chicago, Ill.  
 Vincent Steel Process Co. ("Vincent" Process), 751 Bellevue av, Detroit, Mich.  
 Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

**14945—\*Template**

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.  
*See adv index at end of book*

**14946—\*Templet**

**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.  
*See adv index at end of book*

**14947—\*Templet Material**

See also Boards, Templet  
 Also Lumber, Templet  
**UNION PAPER & TWINE CO.**, 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane blvd, Buffalo, N. Y.  
*See adv index at end of book*

**14948—Ten Pins**

Bogert & Hopper, 67 Barclay, New York  
**ESTES E. B. & SONS**, 353 5th av, New York  
*See adv index at end of book*  
 Hellenberg J. B. Co., Coldwater, Mich.  
 Klumpp's Jno. G. Sons, 13 Baxter, New York  
 Kohaut John C., 114 N J R R av, Newark, N. J.  
 McMillan's W. H. Sons, 153 South, New York  
 Marx Alfred B. & Bro., 30 Union sq, New York

**14949—Tenderers (Meat)**

Chatillion Jno. & Sons, 85 Cliff, New York  
 Fanner Mfg. Co., Pearl rd, Cleveland, O.  
 Sandusky Tool Co., Sandusky, O.  
 Thurnauer G. M. Co., 6 E 20th, New York

**14950—Tenders (Traction Engine)**

Nichols & Shepard Co., Battle Creek, Mich.  
 Ohio Tractor Mfg. Co., Marion, O.

**14950a—Tennis Court Back Stops**

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

**14951—Tennis Racquet Mfrs.**

Bancroft Fred'k J., Pawtucket, R. I.  
 Baumgartner Eugene, 829 W 53d pl, Chicago, Ill.  
 Horsman E. I. Co., 11 Union Square, New York  
 Kinsella Walter A. Co. (Imp.), 338 Madison av, New York  
 Lee Harry C. & Co. ("Dreadnought"), 97 Chambers, New York



**14955—Terminals (Light & Power)**

Slazenger F. L., 12 E 43rd, New York  
 Spalding A. G. & Bros., 126 Nassau, New York  
 Wright & Ditson, 344 Washington, Boston, Mass.  
 Zimmerman J. N., Owosso, Mich.

**14952—Tents (Contractors', Etc.)****ARKANSAS.**

FORT SMITH—Tucker Duck & Rubber Co.  
 LITTLE ROCK—Little Rock Tent & Awning Co.

**CALIFORNIA.**

FRESNO—Pacific Tent & Awning Co.  
 LOS ANGELES—Campbell O. A., 1252 W 24th  
 SAN FRANCISCO—Ames-Harris-Neville Co., Portrero & Alameda

**COLORADO.**

DENVER—Brooks Tent & Awning Co.  
 Colorado Tent & Awning Co.  
 Denver Tent & Awning Co.  
 Schaefer Tent & Awning Co.  
 PUEBLO—Burch F. J. Mfg. Co.

**GEORGIA.**

ATLANTA—ATLANTA TENT & AWNING Co. (All Kinds)  
 Fulton Bag & Cotton Mills  
 DALTON—Smith M. D. & H. L. Co.

**ILLINOIS.**

CHICAGO—Carpenter Geo. B. & Co. ("Shuredry"), 400 Wells  
 Channon H. Co., 150 N Market  
 Chicago Flag & Decorating Co., 1345 S Wabash av  
 Cook E. C. & Bro., 1846 Carroll av  
 Murray & Co., 625 Fulton  
 U. S. Tent & Awning Co., 231 N Des-  
 plaines  
 Walger Awning Co., 215 W Ohio  
 ELGIN—Ziegler Bros. Co.  
 PEORIA—Peoria Tent & Awning Co., 119 Main

**INDIANA.**

EVANSVILLE—Anchor Supply Co.  
 INDIANAPOLIS—Eberhardt & Co.  
 Indianapolis Tent & Awning Co.

**IOWA.**

DES MOINES—Des Moines Tent & Awning Co.  
 Seick Tent & Awning Co.  
 SIOUX CITY—McNeil H. C. & Son

**KANSAS.**

KANSAS CITY—Wyandotte Awning & Tent Co. ("Kopka" Awnings)  
 TOPEKA—Topeka Tent & Awning Co.

**KENTUCKY.**

COVINGTON—Lushbaugh W. H.  
 LEXINGTON—Southern Tent & Awning Co.

**LOUISIANA.**

SHREVEPORT—Brewer G. H.

**MASSACHUSETTS.**

GLOUCESTER—Rowe E. L. & Son  
 SPRINGFIELD—Meyer L. M. & Co.

**MICHIGAN.**

DETROIT—Goss J. C. Co.  
 Johnson John Co.

**MINNESOTA.**

DULUTH—Marshall-Wells Hardware Co.  
 MINNEAPOLIS—American Tent & Awning Co., 307 Washington av, N  
 Holgaard C. J. Co., 30 Washington av, N  
 Saunders H. J., 900 Hennepin av  
 ST. PAUL—Minnesota Tent & Awning Co., 15 W 3rd

**MISSOURI.**

KANSAS CITY—Baker & Lockwood Mfg. Co.

Carnie-Goudie Mfg. Co.  
 ST. LOUIS—Acme Tent & Awning Co., 2400 N 10th  
 Dougherty Bros. Tent & Awning Co., 109 S Main  
 Missouri Tent & Awning Co., 208 Chestnut  
 Morrison Tent & Awning Co., 213 N 3d  
 Mound City Duck & Rubber Co., 832 N B'way  
 Sanders Duck & Rubber Co., Silk Exchange bldg  
 Wenzel H. Tent & Duck Co., 1036 Paul  
 Zittlosen Mfg. Co., Park & Dolman

**NEBRASKA.**

FREMONT—Rogers Tent & Awning Co.  
 GENEVA—Mowry David C. & Son  
 LINCOLN—Lincoln Tent & Awning Co.  
 Western Tent & Awning Co.  
 OMAHA—Wolf Bros. Tent & Awning Co.

**NEW YORK.**

NEW YORK—Boyle John & Co., 112 Duane  
 Harwood & Son (Also Export), 175 W B'way  
 Hoffman-Corr Mfg. Co., 594 B'way  
 Kunkely of N. Y., 296 E 157th  
 McHugh Mfg. Co., 242 W 41st  
 Magee M. & Son, 147 Fulton  
 Martin Thomas, 304 Canal  
 Mills Andrew & Sons, 53 South  
 Rehm & Co., 214 Wash.  
 Skelton Frederick, 200 5th av  
 Smith Arthur F., 79 Beekman  
 ROCHESTER—Field James Co.  
 SYRACUSE—Gibbs Chas. M.  
 Rider A. J.  
 TROY—Bartle H. J. Mfg. Corp.

**OHIO.**

COLUMBUS—Buckeye Tent & Awning Mfg. Co., 264 Spruce  
 Columbus Tent & Awning Co.  
 TOLEDO—Hettrick Mfg. Co.  
 Ohio Canvas Goods Mfg. Co., Toledo, O.

**OREGON.**

PORTLAND—Ames Harris Neville Co., 15th & Hoyt  
 Noon Bag Co., 32 N 1st  
 Portland Tent & Awning Co., 16 N Front

**PENNSYLVANIA.**

PHILADELPHIA—Humphry's R. A. Sons, 1021 Callowhill  
 PITTSBURGH—Pittsburgh Waterproof Co., 435 Liberty av

**TEXAS.**

HOUSTON—Repsdorph Tent & Awning Co.  
 Kattmann & Kneeland Tent Co.  
 WACO—Clifton Mfg. Co.

**WASHINGTON.**

SEATTLE—Puget Sound Tent & Duck Co.  
 Seattle Tent & Awning Co.  
 SPOKANE—Berg F. O. Co.

**WEST VIRGINIA.**

WHEELING—Wheeling Tent & Awning Co.

**WISCONSIN.**

MADISON—Gallagher John Co.  
 Madison Tent & Awning Co.

**14953—Tents (Umbrella)**

Troy Carriage Sun Shade Co., Troy, O.

**14954—Tents (Window)**

American Rolling Mill Co. ("American Ingot Iron"), Middletown, O.  
 Cabinet Mfg. Co. ("Walsh"), Quincy, Ill.

**Terminals (Fuse)**

See Terminals Telephone Cable

**14955—Terminals (Light & Power)**

Standard Underground Cable Co. ("Davis"), Pittsburgh, Pa.

**14956-7—Terminals (Primary & Secondary)**

MORSE FRANK W. ("Morse Eureka"), 293 Congress, Boston, Mass.  
*See adv index at end of book*

**14958—Terminals (Service)**

Brady Electric Mfg. Co. (Waterproof), New Britain, Conn.  
 Phila. Electrical & Mfg. Co. ("Pemco."), 1236 N 31st, Phila., Pa.

**14959—Terminals (Spring)**

MORSE FRANK W. ("Morse Eureka"), 293 Congress, Boston, Mass.  
*See adv index at end of book*

**14960—Terminals (Telephone Cable)**

American Electric Co., 6401 S State, Chicago, Ill.  
 Bissell F. Co. ("Security"), Toledo, O.  
 Central Tel. & Electric Co. ("Becker" Terminal Heads), 311 N 11th, St. Louis, Mo.  
 Cook Frank B. Co. (All Metal), 326 W Madison, Chicago, Ill.  
 Dossert & Co., 242 W 41st, New York  
 Electrical Engineers Equipment Co., 711 Meridian, Chicago, Ill.  
 Fahnestock Electric Co., Meadow, Long Island City, N. Y.  
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.  
 Lafayette Electric & Mfg. Co., Lafayette, Ind.  
 Moon Mfg. Co. ("Moon"), 122 N Jefferson, Chicago, Ill.  
 Mutual Electric & Machine Co., 232 Fort W, Detroit, Mich.  
 Protective Electrical Supply Co., Fort Wayne, Ind.  
 Standard Underground Cable Co. ("Davis"), Pittsburgh, Pa.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**14961—Terminals (Telephone Plug)**

MORSE FRANK W. ("Morse Eureka"), 293 Congress, Boston, Mass.  
*See adv index at end of book*

**14962—Terminals (Wire)**

Bliss-Chester Co. (Duplex), 31 Mathewson, Providence, R. I.  
 Dossert & Co., 242 W 41st, New York  
 Herz & Co., 245 W 55th, New York  
 Michigan Motor Specialties Co. ("Becco"), Detroit, Mich.  
 Mosler A. R. & Co., Woodlawn, N. Y.  
 Noonan A. S. Tool & Machine Wks., Rome, N. Y.  
 Pittsfield Spark Coil Co., Pittsfield, Mass.  
 Sherman H. B. Mfg. Co., Battle Creek, Mich.  
 Universal Electric Stage Lighting Co. ("Kliegl" for Asbestos Wire), 240 W 59th, New York

**Terne Plate Mfrs.**

See Tin Plate Mfrs.

**14963—Terra-Alba**

Chrystal Charles B. (Imp.), 13 Cliff, New York. *See adv index at end of book*  
 Daniels Willard B. (Imp.), 252 Front, New York  
 Hammill & Gillespie (Imp.), 240 Front, New York  
 Higginson Mfg. Co., Newburgh, N. Y.  
 Keystone Plaster Co. (For Paint Mfrs.), Chester, Pa.  
 King J. B. & Co., 17 State, New York  
 Nevins Sam'l Co., 109 S 2d, Phila., Pa.  
 Salomon L. A. & Bro. (Imp.), 216 Pearl, New York  
 Scheel W. H. (Imp.), 159 Maiden la, New York  
 Whittaker W. H. Co., 250 Front, New York  
**WILLIAMS C. K. & CO. ("Anchor Brand,"** Imp.), Easton, Pa.



**14964—Terra Cotta (Architectural)**

Advance Terra Cotta Co., 29 So La Salle, Chicago, Ill.  
 American Fire Brick Co., Spokane, Wash.  
 American Terra Cotta & Ceramic Co., Peoples Gas bldg, Chicago, Ill., & Terra Cotta, Ill.  
 Atlanta Terra Cotta Co., Atlanta, Ga.  
 Atlantic Terra Cotta Co., 1170 B'way, New York  
 Brick Terra Cotta & Tile Co., Corning, N. Y.  
 Carnegie Brick & Pottery Co., Rialto bldg, San Francisco, Cal.  
 Clark N. & Sons, 112 Natoma, San Francisco, Cal.  
**CONKLING-ARMSTRONG TERRA COTTA CO.**, Wissahickon av & Juniata, Phila., Pa.  
 Denny-Renton Clay & Coal Co., Seattle, Wash.  
 Denver Terra Cotta Co., Denver, Colo.

**Federal Terra Cotta Co.**

Trinity Bldg. Kresge Bldg.  
 N. Y. City Detroit  
 Manufacturers of  
**Federal Granite Terra Cotta**

Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Ga.  
 Indianapolis Terra Cotta Co., Indianapolis, Ind.  
 Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.  
 Ketcham O. W., 24 S 7th, Phila., Pa.  
 Midland Terra Cotta Co., 3 S La Salle, Chicago, Ill.  
 National Terra Cotta Co., S cor 16th & Oakland, Kansas City, Mo.  
 New Jersey Terra Cotta Co., Singer bldg, New York  
 New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.  
 Northern Clay Co., Auburn, Wash.  
 Northwestern Terra Cotta Co., General Office & Works: 2525 Clybourne av, Chicago, Ill.  
 St. Louis Terra Cotta Co., 5815 Manchester, St. Louis, Mo.  
 South Amboy Terra Cotta Co., 150 Nassau, New York  
 Steiger Terra Cotta & Pottery Works, Mills bldg, San Francisco, Cal.  
 Washington Brick, Lime & Sewer Pipe Co., Spokane, Wash.  
 Western Terra Cotta Co., Kansas City, Mo.  
 White Scott A. (Mfrs. Agt., Northwestern), Oliver bldg, Pittsburgh, Pa.  
 Winkle Terra Cotta Co., 502 Century bldg, St. Louis, Mo.

**14965—Terra Cotta (Architectural, Enameled or Glazed)**

Atlantic Terra Cotta Co., 1170 B'way, New York  
 Conkling-Armstrong Terra Cotta Co., Wissahickon av & Juniata, Phila., Pa.  
 Denver Terra Cotta Co., Denver, Colo.  
**FEDERAL TERRA COTTA CO.**, 111 B'way New York. Works: Woodbridge, N. J. *See adv index at end of book*  
 Gladding, McBean & Co., Crocker bldg, San Francisco, Cal. Works: Lincoln, Cal.  
 Hartford Faience Co., Hartford, Conn.  
 Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.  
 New Jersey Terra Cotta Co., Singer bldg, New York  
 New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.  
 Northern Clay Co., Auburn, Wash.  
 Northwestern Terra Cotta Co. (Granite Color), General Offices & Works: 2525 Clybourne av, Chicago, Ill.

St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.  
 South Amboy Terra Cotta Co., 150 Nassau, New York  
 Western Terra Cotta Co., Kansas City, Mo.  
 Winkle Terra Cotta Co., Century bldg, St. Louis, Mo.

**Terra Cotta Hip Rolls**

See Roofing Tile, Terra Cotta

**Terra Cotta Lumber**

See Fire Proof Hollow Tile; also Fire Proofing, Porous Brick & Tile

**14966—Terra Cotta (Polychrome & Faience)**

Atlanta Terra Cotta Co., East Point, Ga.  
 Atlantic Terra Cotta Co., 1170 B'way, New York  
**FEDERAL TERRA COTTA CO.**, 111 B'way, New York. Works: Woodbridge, N. J. *See adv index at end of book*  
 Kansas City Terra Cotta & Faience Co., 19th & Manchester, Kansas City, Mo.  
 New Jersey Terra Cotta Co., Singer bldg, New York  
 New York Architectural Terra Cotta Co., 401 Vernon av, Long Island City, N. Y.  
 St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.  
 Winkle Terra Cotta Co., Century bldg, St. Louis, Mo.

**14967—Terrazzo Flooring**

See also Mosaics of Various Kinds  
 American Mosaic & Tile Co., Louisville, Ky.  
 Art Mosaic & Tile Co., Toledo, O.  
 Batterson & Elsele, Edgewater, N. J.  
 Belf Bros. & Co., 1923 Market, Phila., Pa.  
 Mion E., Atlanta, Ga.  
 Cascio S., 1259 Flushing av, Brooklyn, N. Y.  
 Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.  
 Italian Mosaic & Marble Co., Buffalo, N. Y.  
 McLaury D. H. Tile Co., 103 Park av, New York  
 Mion C., Atlanta, Ga.  
 Schenectady Tile Co., Schenectady, N. Y.  
 Shipway John H. & Bro., Locust av & 136th, New York  
 Standard Mosaic Tile Co., 175 N Jackson Blvd, Chicago, Ill.  
 Toscani Jno. L. Co., 930 E 178th, New York  
 White Marble & Terrazzo Co., Lee, Mass.  
 Whitestone Marble Co., Atlanta, Ga.

**14968—Terrazzo (Wholesale)**

Jackson C. D. & Co. (Imp.), 105th & E. R., New York  
 Roussel Albert C., 524 W 50th, New York  
 Whitestone Marble Co., Atlanta, Ga.

**14969—Terrets (Hame)**

Frazer & Jones Co., Syracuse, N. Y.  
 North & Judd Mfg. Co. ("Anchor Brand"), New Britain, Conn.

**14970—\*Test Connectors (Telephone & Telegraph Wires)**

**DIAMOND EXPANSION BOLT CO** ("Diamond"), 89 West, New York  
*See adv index at end of book*

**14971-2—Test Weights**

Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.

**14973—\*Testers (Blasting Machine) & Circuit**

See also Blasting Supplies  
 du Pont E. I. de Nemours & Co., Wilmington, Del.  
*For branch offices see adv index at end of book*

**14974—Testers (Center)**

**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**14975—Testers (Circuit)**

Weston Electrical Instrument Co., Waverly pk, Newark, N. J.

**14976—Testers (Creamery)**

Burrell D. H. & Co. ("Facile" Babcock), Little Falls, N. Y.  
 Creamery Package Mfg. Co. ("Wizard," "Crepaco," "20th Century"), 61 W Kinzie, Chicago, Ill.  
 Dairy Specialty Co. ("Babcock"), West Chester, Pa.  
 Edson Wyman L., Union Center, N. Y.  
 Luther Grinder Mfg. Co. ("Best Maide" Babcock), 285 So. Water, Milwaukee, Wis.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Vermont Farm Machine Co. ("Agos," Babcock), Bellows Falls, Vt.

**14977—Testers (Egg)**

Ferer J. Falls City, Nebr.  
 Kentucky Stamping Co. ("Kentucko"), Louisville, Ky.  
 Ozark Electric Co., Aurora, Mo.  
 Rigling Wm. Egg Tester & Mfg. Co., Hamilton, O.

**14978—Testers (Flax Seed & Cotton Seed)**

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.

**14979-80—Testers (Fuse)**

Electric Specialty Co. ("Addie"), Cresco, Iowa

**14981—Testers (Grain)**

See also Scales, Grain Testing  
 Buffalo Scale Co. (Inc.) ("Buffalo"), 1205 Niagara, Buffalo, N. Y.  
 Caldwell H. W. & Son Co. ("Caldwell"), 17th & Western av, Chicago, Ill.  
 Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.

**Testers (Ham)**

See Tryers, Ham

**14982—Testers (Hoof)**

Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

**Testers (Milk)**

See Testers, Creamery

**14983—Testers (Mine Gas)**

Quimby Engng. Co., 913 Ridge av, Phila., Pa.

**14984—Testers (Paper)**

See also Testing Machines, Paper  
 Ashcroft Mfg. Co., 119 W 40th, New York  
 Illinois Iron & Bolt Co. ("Southworth" Hydrostatic), Carpentersville, Ill.  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Perkins B. F. & Son ("Mullen"), Holyoke, Mass.  
 Waltham Micrometer Dial Gauge Co. ("Randall & Stickney" Measuring), 248 Ash, Waltham, Mass.

**14985—Testers (Rail Bond)**

Roller-Smith Co., 233 B'way, New York  
 Thompson-Levering Co. ("Peerless"), 323 Arch, Phila., Pa.

**14986—Testers (Seed Corn)**

Burgess & Norton Mfg. Co. ("Burnor Universal" "Browns Perfect"), Geneva, Ill.  
 National Mfg. Co., Des Moines, Ia.  
 Standard Seed Tester Co. (Galvanized), Decorah, Iowa

**14987—Testers (Sulphur & Naphthalene)**

Connelly Iron Sponge & Governor Co., 227 Fulton, New York



**14988—Testers (Water Meter)**

Ford Meter Box Co., Wabash, Ind.  
Mueller H. Mfg. Co., Decatur, Ill.  
Smith A. P. Mfg. Co., East Orange, N. J.

**14989—Testing Apparatus (Water Meter)**

**BUFFALO METER CO.** ("American"),  
2921 Main, Buffalo, N. Y.  
*See adv index at end of book*

**14990—\*Testing Instruments & Meters (Electrical)**

**BRISTOL CO.** ("Bristol's" Recording),  
Waterbury, Conn.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**  
(Also Measuring), East Pittsburgh, Pa.  
*See adv index at end of book*

**Testing Machine Mfrs.**

For all Testing Machines see Index of  
Contents

**14991—\*Testing Sets (Electrical)**

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**,  
East Pittsburgh, Pa.  
*See adv index at end of book*

**14992—Tetrachloride of Tin**

Bower Henry Chemical Mfg. Co., 29th &  
Gray's Ferry rd, Phila., Pa.  
General Chemical Co., 25 Broad, New York  
Goldschmidt Detinning Co., 120 B'way,  
New York

**PATENTS**

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**Munn & Co.**, 699 Woolworth Bldg., N. Y.  
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**14993—Textile Machinery, Supplies, Etc.**

NOTE.—For various kinds of Textile Machinery, Textile Mill Supplies, etc., see sub-classifications of this head, following in regular alphabetical order. If you fail to find any particular article you are looking for classified here, consult the index of Contents. If not then successful in locating it, drop us a line, describing article required, and we will, free of charge, use our best efforts to look it up for you.

**14994—Agers (Aniline)**

Textile Finishing Machinery Co., 171 West-  
minster, Providence, R. I.

**14995—Apron Leather (Rawhide)**

Coupe Wm. Co. (Ltd.) ("Excelsior"), S  
Attleboro, Mass.

**14996—Apron Leather (Worsted)**

Brown Bros. Co., 62 Exchange pl, Prov-  
idence, R. I.  
Coupe Wm. Co. (Ltd.) ("Excelsior"), S  
Attleboro, Mass.  
Foulds I. & Son, Hudson, Mass.  
Houghton E. F. & Co. ("Vim"), 240 W  
Somerset, Phila., Pa.  
North Chelmsford Machine & Supply Co.,  
North Chelmsford, Mass.  
Schieren Chas. A. Co., 30 Ferry, New York

**14997—Aprons (Endless)**

Barlow Jno. W. Co., Lawrence, Mass.  
Boiston Belting Co., 84 Linden Park st,  
Boston, Mass.  
**LINK-BELT CO.**, 39th & Stewart av, Chi-  
cago, Ill. & Hunting Park av & P. &  
R. Ry., Phila., Pa.  
*See adv index at end of book*  
Harwood Geo. S. & Son, 53 State, Boston,  
Mass.  
N. J. Car Spring & Rubber Co., 91 Bruns-  
wick, Jersey City, N. J.

**14998—Aprons (Loom)**

Pease L. F. Co., 7 Crawford, Providence,  
R. I.

**14999—Aprons (Worsted Combing)**

American Multiple Fabric Co., 183 Hart-  
ford av, Providence, R. I.  
Barlow Jno. W. Co., Lawrence, Mass.  
Barnes Henry K. Co., 234 Devonshire av,  
Boston, Mass.  
Coupe Wm. Co. (Ltd.) ("Excelsior"), S  
Attleboro, Mass.  
Harwood Geo. S. & Son, 53 State, Boston,  
Mass.  
North Chelmsford Machine & Supply Co.,  
North Chelmsford, Mass.  
Norwich Belt Mfg. Co., Norwich, Conn.  
Parr Wm. & Son, Lowell, Mass.  
Pechin Belting Co. (Chrome & Oak), Fair-  
mount & Front, Phila., Pa.

**15000—Bale Breakers**

Firth Wm. ("Asa Lees & Co.," Ltd.), 200  
Devonshire, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston,  
Mass.

**15000a—\*Ball Bearing Applications for Textile Machinery**

**HUBBARD MACHINE CO.**, Worcester,  
Mass.

**15001—Ball Winding Machines**

Franklin Machine Co., 189 Charles, Prov-  
idence, R. I.  
North Chelmsford Machine & Supply Co.,  
North Chelmsford, Mass.

**15002—Balling Machines**

Curtis & Marble Machine Co., Worcester,  
Mass.  
Draper Corp., Hopedale, Mass.  
Entwistle T. C. Co., Lowell, Mass.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Saco-Lowell Shops, Boston, Mass.  
Smith Jas. Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.  
Torrance Mfg. Co., Harrison, N. J.

**15003—Band Folding & Cutting Machines**

Firshing John A., Utica, N. Y.

**15004—Bandage Splitting & Rolling Machines**

Curtis & Marble Machine Co., Worcester,  
Mass.

**15005—Banding Machines**

Draper Corp., Hopedale, Mass.

**Bands (Hosiery)**

See Hosiery Bands

**15006—Beamers**

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
Atwood Machine Co., Stonington, Conn.  
Crompton-Knowles Loom Works, Worces-  
ter, Mass.  
Eastwood Benj. Co., Paterson, N. J.  
Entwistle T. C. Co., Lowell, Mass.  
Globe Machine & Foundry Co., Church &  
Tackawanna, Phila., Pa.  
Hughes & Russum, Oxford & Hedge,  
Phila., Pa.  
Knapp C. H., Paterson, N. J.  
Lever Oswald Co., 18th & Cumberland,  
Phila., Pa.

Smith Jas. Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.

**15007—Beaming Rathes**

Walker Mfg. Co., Kensington & Ontario,  
Phila., Pa.

**15008-9—Belt Hole Guards**

Draper Corp., Hopedale, Mass.

**15010—Bleaching Machinery**

Arlington Machine Works, Arlington  
Heights, Mass.  
Birch Bros., Somerville, Mass.  
Butterworth H. W. & Sons Co., 2415 E  
York, Phila., Pa.  
Empire Laundry Machinery Co., 352 West-  
ern av, Boston, Mass.  
Holyoke Machine Co., Holyoke, Mass.  
Hunt Rodney Machine Co., Orange, Mass.  
Hussong Dyeing & Machine Co., Grove-  
ville, N. J.  
Klauder-Weldon Machine Co., Amsterdam,  
N. Y.  
Phila. Drying Machinery Co., 6721 Gtn.  
av, Phila., Pa.  
Smith, Drum & Co., Allegheny av & 4th,  
Phila., Pa.  
Textile Finishing Machinery Co., 171 West-  
minster, Providence, R. I.  
Watson Machine Co., Paterson, N. J.  
Winsor & Jerauld Mfg. Co., 223 Harrison,  
Providence, R. I.  
Yaryan Co., 25 Church, New York

**15010a—Blocks (Ribbon)**

Allentown Reed Harness & Mill Supply  
Co., Allentown, Pa.

**15011—Bluing Machines**

Butterworth H. W. & Sons Co., 2415 E  
York, Phila., Pa.  
Textile Finishing Machinery Co., 171 West-  
minster, Providence, R. I.

**15012—Bobbin Boxes**

Standard Fibre Co. (Fibre), Miller st,  
Somerville, Mass.

**15013—Bobbin Holders**

Draper Corp. ("MacCall," "Lawrence,"  
"Rhoades"), Hopedale, Mass.  
Murdock & Geb Co. ("Murdock" for Mules,  
Winders & Twisters), Franklin, Mass.  
Roney & Rae Co. ("Little Giant"), Woon-  
socket, R. I.

**15014—Bobbin Rings**

Morgan Spring Co., Worcester, Mass.  
Peck & Young Mfg. Co., Forestville, Conn.

**15015—Bobbin Winders**

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
Diamond Textile Machine Works, 1820 N  
10th, Phila., Pa.  
Johnson & Bassett, Worcester, Mass.  
Lazenby F. A. & Co., 414 Key Highway,  
Baltimore, Md.  
Lever Oswald Co., 13th & Cumberland,  
Phila., Pa.  
R. I. Braiding Machine Co., 228 Aborn,  
Providence, R. I.  
Smith James Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.  
Textile Machine Works, Reading, Pa.  
Universal Winding Co. ("Leesona"), 95  
South, Boston, Mass.

When writing to firms whose  
names appear in this book  
please mention

**HENDRICKS'**  
**COMMERCIAL REGISTER.**



# ALLENTOWN BOBBIN WORKS

ALLENTOWN, PA.

## MAKERS OF BOBBINS

FOR

## SILK MILLS

High Grade Fibre Heads for Throwing Plants Our Specialty

15016— Bobbins

**ALLENTOWN BOBBIN WORKS** (Fibre Head & All Wood), Allentown, Pa.  
*See adv index at end of book*

**American Paper Bobbin Co.** (Paper), 670 Eddy, Providence, R. I.

**American Supply Co.**, 135 Washington, Providence, R. I.

**Atwood, Crawford Co.**, Pawtucket, R. I.

**Avoca Mfg. Co.**, Avoca, N. Y.

**Baldwin Jas. Co.**, Manchester, N. H.

**Billington Jos. H. Co.**, 113 Chestnut, Phila., Pa.

**Bogert & Hopper**, 67 Barclay, New York

**Brown Bros. Co.**, 62 Exchange pl, Providence, R. I.

**Clover Leaf Mfg. Co.**, Carbondale, Pa.

**Courtney D. S. Co.**, Chicopee, Mass.

**Crandall G. H. Co.** (Winder), Cohoes, N. Y.  
*See adv index at end of book*

**Excelsior Bobbin & Spool Co.**, Newtown, Pa.

**Fall River Bobbin & Shuttle Co.**, Fall River, Mass.

**Fall River Foundry & Machine Co.**, Fall River, Mass.

**Frost Geo. T. & Sons**, Paterson, N. J.

**Hall I. A. Est. of**, Paterson, N. J.

**Hamilton Bros. Co.**, Goffstown, N. H.

**Hartford Machine Screw Co.** (Sewing Machine), Hartford, Conn.

**Hartson L. M. Co.** (Iron, Fibre & Wood Heads), North Windham, Conn.

**Jordan Mfg. Co.**, Monticello, Ga.

**Leigh & Butler** ("Wilson Bros."), 232 Summer, Boston, Mass.

**Macordi Fibre Co.** (Fibre), Woonsocket, R. I.

**Moore C. C.**, Lisbon, N. H.

**Mossberg Frank Co.** (Stamped Steel), Attleboro, Mass.

**Nashua Spool & Bobbin Co.** (All Kinds), Grove Hall Station, Boston, Mass.

**Orleans Bobbin Works**, Newport, Vt.

**Parker-Young Co.**, Lisbon, N. H.

**Payne Geo. W. & Co.** (Hosiery Winder), Pawtucket, R. I.

**Potter Bros.**, South Scituate, R. I.

**Shelburne Mfg. Co.** (In the Rough & Finished), Shelbourne, N. H.

**Speed & Stephenson** (Wilson & Co., Barnsley (Ltd.)), 170 Summer, Boston, Mass.

**Sprague L. Co.**, Lawrence, Mass.

**Stephenson Mfg. Co.** (Wooden), South Bend, Ind.

**Sweet & Doyle**, Cohoes, N. Y.

**Tebbetts E. L. Spool Co.**, Locke Mills, Me.

**Tompkins Bros. Co.** (Winder), Troy, N. Y.

**U. S. Bobbin & Shuttle Co.**, 57 Eddy, Providence, R. I.

**Van Riper Mfg. Co.**, Paterson, N. J.

**Vermont Spool & Bobbin Co.**, Burlington, Vt.

**Weld Bobbin & Spool Co.**, 42 Island, Lawrence, Mass.

**Whitefield Mfg. Co.**, Whitefield, N. H.

**Williams J. H. Co.**, Millbury, Mass.

**Woodstock Mfg. Co.** (Heavy for Rope & Cordage, etc), Charleston, S. C.

**Young Chas. A.**, Easton, N. H.

15018—Boxes (Drawing & Roving)

**Riley C. E. Co.**, 65 Franklin, Boston, Mass.

**Saco-Lowell Shops** (Worsted), 77 Franklin, Boston, Mass.

**Speed & Stephenson**, 170 Summer, Boston, Mass.

**Wilson Andrew Co.** (Metallic), 616 Essex, Lawrence, Mass.  
*See adv index at end of book*

15019— Boxes (Mill)

**American Vulcanized Fibre Co.** ("Laminar" Dept.), 504 Equitable bldg., Wilmington, Del.

**Diamond State Fibre Co.** (Fibre), Elsmere, Del.

**Keystone Fibre Co.**, Yorklyn, Del.

**National Fibre & Insulation Co.** (Fibre), Yorklyn, Del.

**Wilson Andrew Co.** (Metallic), 616 Essex, Lawrence, Mass.  
*See adv index at end of book*

**METAL** Yarn and Doffing  
Boxes, Mill Cars,  
Lockers, Waste Cans,  
Barrels, Shelving

**ANDREW WILSON CO.**

616 Essex St. Lawrence, Mass.

15020-1— Boxes (Steam)

**Leslie, Elliott & Co.**, Paterson, N. J.

**Seannell Boiler Works**, Lowell, Mass.

**Smith Samuel & Son Co.**, Paterson, N. J.

**Watson Machine Co.**, Paterson, N. J.

15022—Braid Calendering Machines

**Rhode Island Braiding Machine Co.**, 228 Aborn, Providence, R. I.

15022a—Braid Measuring Machines

**Textile Machine Works**, Reading, Pa.

15023— Braid Rolling Machines

**Rhode Island Braiding Machine Co.**, 228 Aborn, Providence, R. I.

15024—Breaking Machines (Hard Waste)

**Curtis & Marble Machine Co.**, Worcester, Mass.

**Riley C. E. Co.**, 65 Franklin, Boston, Mass.

15025— Breasts (Metallic)

**Smith James Woolen Machinery Co.**, Hancock & Somerset, Phila., Pa.

**Smith & Furbush Machine Co.**, Hancock & Somerset, Phila., Pa.

15026— Brushes (Mill)

**Bradley & Smith**, 251 Pearl, New York

**Cocker M. & Co.**, 10th & Spring Garden, Phila., Pa.

**Felton D. D. Brush Co.**, Atlanta, Ga.

**Felton S. A. & Son Co.**, Manchester, N. H.

**Jacobus A. G. Sons**, Verona, N. J.

**Lahue M. M. & Co.**, Lowell, Mass.

**Mason Brush Works**, Worcester, Mass.

**Nebes David**, Lowell, Mass.

**North Chelmsford Machine & Supply Co.** (Comb & Machine), North Chelmsford, Mass.

**Parks & Woolson Machine Co.**, Springfield, Vt.

**Rhode Island Braiding Machine Co.**, 228 Aborn, Providence, R. I.

**Rhode Island Brush Co.**, 50 Daniel av, Providence, R. I.

**Turner J. S. Mfg. Co.** (Comp & Machine), Lowell, Mass.

**Voelker Philip L.**, 2 Bucklin, Providence, R. I.

**Woonsocket Brush Co.**, Woonsocket, R. I.

15027— Burling Irons

**American Supply Co.**, 135 Washington, Providence, R. I.

15028— Burr Blades

**Cooper Chas.** (Est. of), Bennington, Vt.

**Crane Mfg. Co.**, Lakeport, N. H.

**Tompkins Bros. Co.**, Troy, N. Y.

15029— Burring Machines

**Brown Cotton Gin Co.**, New London, Conn.

**Curtis & Marble Mach. Co.** (Wool), Worcester, Mass.

**Hemingway Machine Co.**, Lynn, Mass.

**Lombard Machine Co.** (Steel Ring), Worcester, Mass.

**Sargent's C. G. Sons Corp.**, Graniteville, Mass.

**Smith James Woolen Machinery Co.**, Hancock & Somerset, Phila., Pa.

**Smith & Furbush Machine Co.** ("Proctor"), Hancock & Somerset, Phila., Pa.

Calendering Machines

*See Index of Contents*

15030—Calico Printers' Machinery

**Arlington Mach. Works**, Arlington Heights, Mass.

**Birch Bros.**, Somerville, Mass.

**Butterworth H. W. & Sons Co.**, 2415 E York, Phila., Pa.

**Textile Finishing Machy. Co.**, 171 Westminster, Providence, R. I.

**Waldron Jno. Co.**, New Brunswick, N. J.

15031— Cans (Cotton)

**New England Ventilating & Heating Co.**, 926 Manton av, Providence, R. I.

15032— Cans (Drying)

**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*

**New England Ventilating & Heating Co.**, 926 Manton av, Providence, R. I.

15033— Cans (Dye House)

**Hill James Mfg. Co.** (Galvanized Iron), 52 Westfield, Providence, R. I.

15034— Cans (Mill)

**Clark W. J. Co.**, Salem, O.



N. E. Ventilating & Heating Co., 926 Mant-  
ton av, Providence, R. I.  
Wilson Andrew Co. (Metallic), 616 Essex,  
Lawrence, Mass.  
*See adv index at end of book*

#### 15035— Carbonizers

Birch Bros., Somerville, Mass.  
Buhlmann A. W., 200 5th av, New York  
Hunt Rodney Machine Co., Orange, Mass.  
Hunter Jas. Machine Co., N Adams, Mass.  
Hussong Dyeing & Machine Co., Grove-  
ville, N. J.  
Lord, Bowler & Co., 33 Center, Cleveland,  
Ohio  
Philadelphia Drying Machinery Co.  
"Hurricane", 6271 Germantown av,  
Phila., Pa.  
Phila. Textile Machinery Co. ("Proctor"),  
Tabor, Phila., Pa.  
Sargent's C. G. Sons Corp., Graniteville,  
Mass.  
Textile Finishing Machinery Co., 171  
Westminster, Providence, R. I.

#### 15036— Card Attachments

Rushton-Carroll Co. ("Rushton-Carroll,"  
Under Grid), 34 Tudor, Cambridge,  
Mass.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.

#### 15036a— Card Cleaners

Lehnert Textile Co., 184 Summer, Boston,  
Mass.

#### 15037— Card Clothing

American Card Clothing Co., Worcester,  
Mass.  
Ashworth Bros., Fall River, Mass.  
Bagshaw W. H. (Est. of), Lowell, Mass.  
Bates E. V. Machine Co., Lowell, Mass.  
Booth Benj. & Co. (Ltd.), 1717 N Bodine,  
Phila., Pa.  
Buhlmann A. W., 200 5th av, New York  
Crabb Wm. & Co., 3d av, Newark, N. J.  
Davis & Furber Machine Co., N Andover,  
Mass.  
Firth Wm. (Joseph Sykes Bros. & Wat-  
son Bros.), 200 Devonshire, Boston,  
Mass.  
Howard Bros. Mfg. Co., Worcester, Mass.  
Leigh & Butler ("Joseph Sykes Bros." &  
"Critchley's"), 232 Summer, Boston,  
Mass.  
Lombard Machine Co., Worcester, Mass.  
Speed & Stephenson ("S. Halley & Son,"  
Ltd.), 170 Summer, Boston, Mass.

#### 15038— Card Cutting Machines

Mason Machine Works, Taunton, Mass.  
Royle John & Sons (Jacquard), Paterson,  
N. J.

#### 15039—Card Grinding Machines

Barker James, 6th & Cayuga, Phila., Pa.  
Buhlmann A. W., 200 5th av, New York  
Entwistle T. C. Co., Lowell, Mass.  
Firth Wm. (Dronsfield), 200 Devonshire,  
Boston, Mass.  
Lehnert Textile Co., 184 Summer, Boston,  
Mass.  
Leigh & Butler ("Dronsfield Bros."), 232  
Summer, Boston, Mass.  
Lombard Machine Co., Worcester, Mass.  
Mason Machine Works, Taunton, Mass.  
Riley C. E. Co. (Mfrs. Agts.), 65 Franklin,  
Boston, Mass.  
Roy B. S. & Son Co., Worcester, Mass.  
Smith James Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.

#### 15040— Card Middles

Mac-Sim-Bar Paper Co., Otsego, Mich.  
Otsego Coated Paper Co., Otsego, Mich.  
Thames River Specialties Co., Uncasville,  
Conn.

#### 15041—Card Repeaters (Jacquard)

Halton's Thos. Sons, Allegheny av & C,  
Phila., Pa.

#### 15042—Card Stitching Machines (Jac- quard)

Singer Sewing Machine Co., 149 B'way,  
New York

#### 15043— Card Stretchers

Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.

#### 15044— Carders' Tools

Roy B. S. & Son Co., Worcester, Mass.

#### 15045— Cards (Cotton)

Fall River Foundry & Machine Co., Fall  
River, Mass.  
Mason Machine Works, Taunton, Mass.  
Pevey Foundry Co., Lowell, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston,  
Mass.  
Smith & Furbush Machine Co. (Cotton  
Waste), Hancock & Somerset, Phila.,  
Pa.  
Watson L. S. Mfg. Co., Leicester, Mass.  
Whitin Mach. Works, Whitinsville, Mass.

#### 15046— Cards (Foss & Pevey)

Fall River Foundry & Machine Co., Fall  
River, Mass.  
Pevey Foundry Co., Lowell, Mass.  
Saco-Lowell Shops (Repairs Only), 77  
Franklin, Boston, Mass.

#### 15047— Cards (Hand)

Howard Bros. Mfg. Co. ("Midgley's Strip-  
ping"), Worcester, Mass.  
Smith James Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Watson L. S. Mfg., Leicester, Mass.

#### 15048— Cards (Jacquard)

Case Bros., Highland Park, Conn.  
Crehore Chas. F. & Sons, 87 Milk, Bos-  
ton, Mass.  
Lane Albert A., 73 Warren, New York  
Rogers Paper Mfg. Co., South Manchester,  
Conn.

#### 15049—Cards (Revolving Flat)

Firth Wm. ("Asa Lees & Co.", Ltd.), 200  
Devonshire, Boston, Mass.  
Mason Machine Works, Taunton, Mass.  
Potter & Johnston Machine Co., Paw-  
tucket, R. I.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston,  
Mass.  
Whitin Machine Works, Whitinsville, Mass.

#### 15050—Cards (Steel Wire Stripper)

Watson L. S. Mfg. Co., Leicester, Mass.

#### 15051—Cards (Woolen & Worsted)

American Card Clothing Co., Worcester,  
Mass.  
Jefferson Edw. & Bro. (Imp.), 123 S 2d,  
Phila., Pa.  
Lombard Machine Co., Worcester, Mass.  
Smith James Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.  
Speed & Stephenson ("Henry Hirst &  
Sons" Ltd.), 170 Summer, Boston,  
Mass.  
Watson L. S. Mfg. Co., Leicester, Mass.

#### 15052— Carpet Machinery

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
Butterworth H. W. & Sons Co., 2415 E  
York, Phila., Pa.  
Crompton & Knowles Loom Works  
(Weaving), Worcester, Mass.  
Curtis & Marble Machine Co., Worcester,  
Mass.  
Diamond Textile Machine Works, 1820 N  
10th, Phila., Pa.  
Parks & Woolson Mach. Co., Springfield,  
Vt.  
Phila. Textile Machy. Co. ("Proctor," Dry-  
ers), Hancock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co., Hancock  
& Somerset, Phila., Pa.  
Textile Finishing Machy. Co., 171 West-  
minster, Providence, R. I.

#### 15053—Carpet Printing Machines

Waldron Jno. Co., New Brunswick, N. J.

#### 15054— Carpet Rolling Machines

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
Curtis & Marble Machine Co., Worcester,  
Mass.

#### 15055— Chenille Machines

Eppler's Jno. Mach. Wks., 629 Filbert,  
Phila., Pa.

#### 15056— Chinchilla Machines

Curtis & Marble Machine Co., Worcester,  
Mass.  
Hunter James Machine Co. (Napping or  
Rifling), North Adams, Mass.

#### 15057— Chroming Machines

Phila. Drying Machy. Co., 6721 Gtn. av,  
Phila., Pa.

#### 15058— Clogs (Dye House)

Steyling Richard, Paterson, N. J.

#### 15059—Cloth Brushing Machines

Arrdey S. B. & Sons, Bristol, Pa.  
Buhlmann A. W., 200 5th av, New York  
Curtis & Marble Machine Co., Worcester,  
Mass.  
McCreary Edw'd, Cohoes, N. Y.  
Parks & Woolson Machine Co., Spring-  
field, Vt.  
Textile Finishing Machinery Co., 171  
Westminster, Providence, R. I.  
Thayer P. E. & Co., Pawtucket, R. I.

#### 15060—Cloth Calendering Machines

*See also Calendering Machines*  
Butterworth H. W. & Sons Co., 2415 E  
York, Phila., Pa.  
Curtis & Marble Machine Co., Worcester,  
Mass.  
Dennis John Machine Co., Lowell, Mass.  
Kilburn, Lincoln Machine Co., Fall River,  
Mass.  
McCreary Edward, Cohoes, N. Y.  
Poole Engineering & Machine Co., Wood-  
berry Station, Baltimore, Md.  
Terhune J. I. Machine Works, 164 Ward,  
Paterson, N. J.  
Textile Finishing Machinery Co. (Pres-  
sure & Friction), 171 Westminster,  
Providence, R. I.  
Utica Novelty & Mill Specialty Co., Utica,  
N. Y.

#### 15061—Cloth Cutting, Folding & Wind- ing Machines

Firsching John A., Utica, N. Y.  
Ireland Machine & Fdry. Co., Norwich,  
N. Y.

#### 15062— Cloth Cutting Machines

Artos Engineering Co. (Automatic), 348  
Milwaukee, Milwaukee, Wis.  
Birmingham Iron Foundry ("Schofield"  
Buyer's Shear), Derby, Conn.  
Cameron Machine Co., 61 Poplar, Brook-  
lyn, N. Y. *See adv index at end of book*  
Dennis John Machine Co., Lowell, Mass.  
Eastman Machine Co. ("Eastman"), 779  
Washington, Buffalo, N. Y.  
Maimin H. Co. ("Maimin" Electric), 251  
W 19th, New York  
Smith & Winchester Mfg. Co. (Hand &  
Power), South Windham, Conn.  
Universal Cutter Co. (Electric), 4567 Scott  
av, St. Louis, Mo.  
Wildman Mfg. Co. (Electric), Norristown,  
Pa.

#### 15063—Cloth Expanders (Mycock's)

Leyland Thos. & Co., Readville, Boston,  
Mass.

#### 15063a—Clothing Hanging Machines

Reliance Machine Works, Hedge & Plum,  
Philadelphia, Pa.

#### 15064—Cloth Inspecting Machines

Curtis & Marble Machine Co., Worcester,  
Mass.  
Woonsocket Machine & Press Co., Woon-  
socket, R. I.

#### 15065—Cloth Measuring Machines

Computing Cloth Measuring Machine Co.,  
Athens, Ga.  
Curtis & Marble Machine Co., Worces-  
ter, Mass.  
Eastwood Benjamin Co., Paterson, N. J.  
Elliott & Hall, Worcester, Mass.  
Gerry Geo. W. & Son, Athol, Mass.  
Goodspeed Machine Co., Winchendon,  
Mass.  
Parks & Woolson Machine Co., Spring-  
field, Vt.  
Poole Engineering & Machine Co., Wood-  
berry Station, Baltimore, Md.



Textile Finishing Machinery Co., 171 Westminister, Providence, R. I.  
Voelker Geo. W. & Co., Woonsocket, R. I.  
Windle J. E., Worcester, Mass.

**15066—Cloth Rolling Machines**

Curtis & Marble Mach. Co., Worcester, Mass.  
Textile Finishing Machinery Co., 171 Westminister, Providence, R. I.

**15067—Cloth Room Sewing Machines**

Singer Sewing Mach. Co., 139 B'way, New York

**15068—Cloth Stamping Machines**

American Finishing Machinery Co. (New Bristle), 141 Milk, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

**15069—Cloth Stretchers**

Birch Bros., Somerville, Mass.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Luther C. A. & Co., Pawtucket, R. I.  
Tenney A. E. Mfg. Co., Pawtucket, R. I.  
Textile Finishing Machinery Co., 171 Westminister, Providence, R. I.

**15069a—Cloth Tubes**

Southern Novelty Co., Hartsville, S. C.

**15070-1—Cloth Turning Machines**

Firsching John A., Utica, N. Y.  
Fisher Knitting Machine Co., Utica, N. Y.  
McCreary Edward, Cohoes, N. Y.  
Utica Novelty & Mill Specialty Co., Utica, N. Y.

**15072—Collarette Cutting Machines**

Firsching John A. (Cutting & Windings), Utica, N. Y.  
Utica Novelty & Mill Specialty Co., Utica, N. Y.

**15073—Comb Circles & Fallers**

Bagshaw W. H. (Est. of), Lowell, Mass.  
Bradford Wool Comb Co., 2630 Mascher, Phila., Pa.  
Bragg Jno. I., 24 Atwood, Providence, R. I.  
Crabb Wm. & Co., 3d av, Newark, N. J.  
Hood R. H. Co., 1842 Gtn av, Phila., Pa.  
Leigh & Butler ("Harding's"), 232 Summer, Boston, Mass.  
North Chelmsford Machine & Supply Co., North Chelmsford, Mass.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Speed & Stephenson ("F. H. Bentham's"), 170 Summer, Boston, Mass.  
Townsend Thomas, 157 Orange, Providence, R. I.  
Turner J. S. Mfg. Co., Lowell, Mass.

**15074—Combs (Cotton)**

Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.  
Mason Machine Works, Taunton, Mass.  
Whitin Machine Works, Whitinsville, Mass.

**15075—Combs (Doffer)**

Barker James, 6th & Cayuga, Phila., Pa.  
Firth Wm., 200 Devonshire, Boston, Mass.  
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.  
Speed & Stephenson, 170 Summer, Boston, Mass.  
Whitin Machine Works, Whitinsville, Mass.

**15076—Combs (Slasher)**

American Supply Co., 135 Washington, Providence, R. I.  
Andrews Loom Reed Harness Works, Spartanburg, S. C.  
Emmons Loom Harness Co., Lawrence, Mass.  
Gowdey J. A. Reed & Harness Mfg. Co., 1226 No Main, Providence, R. I.  
Loom Reed & Harness Co., Charlotte, N. C.  
McGregor & Sons, Fall River, Mass.  
Sawyer Geo. F. & Son, Saco, Me.  
Scholes John & Co., Lowell, Mass.

Walker Mfg. Co., Kensington & Ontario, Phila., Pa.

**15077—Combs (Weavers')**

Sylvester C. F. & Co., Fall River, Mass.

**15078—Combs (Wool)**

Bagshaw W. H. (Est. of), Lowell, Mass.  
Bradford Wool Comb Co., 2630 Mascher, Phila., Pa.  
Bragg Jno. I., 24 Atwood, Providence, R. I.  
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.  
Lombard Machine Co., Worcester, Mass.  
Miller Wm. Co., 228 Aborn, Providence, R. I.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Smith Jas. & Son, Worcester, Mass.  
Townsend Thomas, 157 Orange, Providence, R. I.

**15079—Compass Boards**

Hall I. A. Est. of, Paterson, N. J.

**15080—Compellators**

Turner J. S. Mfg. Co., Lowell, Mass.

**15081—Conditioning Ovens**

Emerson Apparatus Co., 251 Causeway, Boston, Mass.

**Cone Tubes**

See Cop Tubes

**15082—Conveyors (Pneumatic)**

Buffalo Forge Co., Buffalo, N. Y.  
Green Fuel Economizer Co., Matteawan, N. Y.  
Schnitzler Chas. H., 215 N 2d, Phila., Pa.

**15082a—Conveyors (Stock)**

Rushton-Carroll Co. ("Rushton-Carroll"), 34 Tudor, Cambridge, Mass.

**15083—Conveyors (Waste End)**

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.  
Rushton, Carroll Co. ("Robinson & Conley's"), 34 Tudor, Cambridge, Mass.

**Cop Skewers**

See Skewers

**15084—Cop Tube Machinery**

Eppler's Jno. Mach. Works, 629 Filbert, Phila., Pa.

**15085—Cop Tubes (Paper)**

American Paper Tube Co., Woonsocket, R. I.  
Bibb Manufacturing Co., Macon, Ga.  
Brown Jas. Jr. & Sons, Ring & Main, Phila., Pa.  
Calder Machine Works, 420 N 3d, Phila., Pa.  
Chase F. A. & Co., 253 W Exchange, Providence, R. I.  
Douglas Robt. D., Fall River, Mass.  
Fraprie-Douglas Co., Fall River, Mass.  
Lowell Paper Tube Corp., Lowell, Mass.  
McCauley John, East Providence, R. I.  
Fairpoint Corporation, New Bedford, Mass.  
Taylor Chas. F. ("Burgess"), 57 Weybosset, Providence, R. I.

**15086—Corduroy Cutting Machines**

Firth Wm. (Cotton Cord & Velvet Cutting Machine Co.'s), 200 Devonshire, Boston, Mass.

**15087—Cotton Batting Machinery**

Hunter Jas. Machine Co., N Adams, Mass.  
Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.  
Whitin Machine Works, Whitinsville, Mass.

**15088—Cotton Cord Cutting Machines**

Firth Wm. (Cotton Cord & Velvet Cutting Machine Co.'s), 200 Devonshire, Boston, Mass.

**15089—Cotton Machinery**

See also the Particular Article Required  
Brigham Arthur A., 17 Milk, Boston, Mass.  
Brockway & Meckensturm Mach. Co., Moodus, Conn.

Brownell G. L., Worcester, Mass.

Butterworth H. W. & Sons Co. (Finishing), 2415 E York, Phila., Pa.

Cohoes Iron Foundry & Machine Co. (Slashing Machinery of Every Description), Cohoes, N. Y.

Crompton & Knowles Loom Works (Weaving), Worcester, Mass.

Curtis & Marble Machine Co., Worcester, Mass.

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.

Draper Corp., Hopedale, Mass.

Easton & Burnham Machine Co., Pine, Pawtucket, R. I.

Entwistle T. C. Co., Lowell, Mass.

Fales & Jenks Machine Co., Pawtucket, R. I.

Fall River Fdry. & Mach. Co., Fall River, Mass.

Firth Wm. (Asa Lees & Co.'s), 200 Devonshire, Boston, Mass.

Hughes & Russum, Oxford & Hedge, Phila., Pa.

Kilburn, Lincoln Machine Co., Fall River, Mass.

Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.

Leigh & Butler ("Platt Bros. & Co."), 232 Summer, Boston, Mass.

Mason Machine Works, Taunton, Mass.

Nat'l Machy. Co. (Dealers), 11 Eddy, Providence, R. I.

Parks & Woolson Mach. Co., Springfield, Vt.

Payne Geo. W. & Co., Pawtucket, R. I.

Riley C. E. Co., 65 Franklin, Boston, Mass.

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Sargent's C. G. Sons Corp., Graniteville, Mass.

Schofield Geo. L., 123 N Front, Phila., Pa.

Smith Geo. E. (Dealers), Cohoes, N. Y.

Speed & Stephenson, 170 Summer, Boston, Mass.

Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

Whitin Machine Works, Whitinsville, Mass.

Whitinsville Spinning Ring Co., Whitinsville, Mass.

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Woonsocket Mach. & Press Co., Woonsocket, R. I.

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Woonsocket Mach. & Press Co., Woonsocket, R. I.

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Woonsocket Mach. & Press Co., Woonsocket, R. I.

Woonsocket Mach. & Press Co., Woonsocket, R. I.



**15098— Cut Markers**

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

**15099—Cutters (Automatic Peg & Lace Hole)**

Royle John & Sons, Paterson, N. J.

**15100— Cutters (Carpet)**

Reed Mfg. Co. (Foot & Belt Power), Springfield, O.

**15101-2— Cutters (Chenille)**

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
Lever Oswald Co., 13th & Cumberland, Phila., Pa.

**Cutters (Cloth)**

See Cutting Machine, For Fabrics

**15103— Cutters (Electric)**

Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.

**15104— Cutters (Flock)**

Curtis & Marble Mach. Co., Worcester, Mass.

**15105— Cutters (Gusset)**

Utica Novelty & Mill Specialty Co., Utica, N. Y.

**15106— Cutters (Knit Fabric)**

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.  
Parsons Machinery Co., Marlboro, Mass.  
Tolhurst Machine Works, Troy, N. Y.  
Universal Cutter Co., 4567 Scott av, St. Louis, Mo.  
Wildman Mfg. Co. (Cloth also), Norristown, Pa.

**15107— Cutters (Plush)**

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.  
Dennis John Machine Co., Lowell, Mass.

**15108— Cutters (Rag)**

Curtis & Marble Machine Co., Worcester, Mass.

**15109— Cutters (Rib)**

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
Cooper Charles (Est. of), Bennington, Vt.  
Eastman Machine Co. ("Eastman"), 779 Washington, Buffalo, N. Y.  
McCreary Edward, Cohoes, N. Y.

**15110— Cutters (Velvet)**

Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*

**15111—Cylinders (Knitting Machine)**

Austin Machine Works (Hardened Forged Steel), 1821 N 5th, Phila., Pa.  
Brinton H. Co., 213 Race, Phila., Pa.  
Stafford & Holt, Little Falls, N. Y.

**15112— Cylinders (Slasher)**

Cohoes Iron Foundry & Machine Co. ("Cohoes" Slashers), Cohoes, N. Y.  
Mullin D. W. & Co., Lowell, Mass.  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

**15113—Cylinders & Dials (Knitting Machine)**

Austin Machine Works (Up to 24 inches in Diameter), 1821 N 5th, Phila., Pa.  
Fidelity Machine & Mfg. Co., 4015 Paul, Fkd., Phila., Pa.  
McMichael A., 22 Armat, Phila., Pa.  
Pearce Geo. B. & Co., 2316 N 8th, Phila., Pa.

**15114— Dampening Machines**

American Moistening Co., 120 Franklin, Boston, Mass.  
Birch Bros., Somerville, Mass.  
Curtis & Marble Mach. Co., Worcester, Mass.

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

**15115— Decoting Machines**

Borchers Richard C. & Co., Fkd., Phila., Pa.

**15115a— Dobby Chaians**

Rice-Dobby Chain Co., Millbury, Mass.

**15116— Dobbies**

Atwood Machine Co., Stonington, Conn.  
Crompton-Knowles Loom Works, Worcester, Mass.  
Eastwood Benj. Co. (Silk), Paterson, N. J.  
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.  
Kilburn Lincoln Machine Co., Fall River, Mass.  
Mason Machine Works, Taunton, Mass.  
Stafford Co., Readville, Mass.  
Voelker Geo. W. & Co., Woonsocket, R. I.  
Whitin Machine Works, Whitinsville, Mass.

**15117— Doffers**

Kinkead Mfg. Co., 45 High, Boston, Mass.

**15118— Doffing Boxes**

Standard Fibre Co., Miller st., Somerville, Mass.

**15119— Doublers**

Atwood Machine Co. (Worsted & Cotton Yarn), Stonington, Conn.  
Collins Bros. (Patent Trap Drum), Pawtucket, R. I.  
Curtis & Marble Machine Co. (Cloth), Worcester, Mass.  
Eastwood Benj. Co. (Silk), Paterson, N. J.  
Hall F. A. & P., Lawrence, Mass.  
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.  
Textile Machine Works, Reading, Pa.

**15120— Drawing (Frame Pins)**

Crabb, Wm. & Co., Newark, N. J.

**15121— Dressers (Cotton)**

Whitin Machine Works, Whitinsville, Mass.

**15122— Dressers (Thread)**

Atwood Machine Co., Stonington, Conn.  
Luther C. A. & Co., Pawtucket, R. I.

**15123— Dressers (Warp)**

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.  
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

**15124— Dressers (Yarn)**

Franklin Machine Co., 189 Charles, Providence, R. I.  
Luther C. A. & Co., Pawtucket, R. I.

**15125— Drop Wires**

Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.  
Brooks M. S. & Sons, Chester, Conn.  
Hopedale Mfg. Co., Milford, Mass.  
National Ring Traveler Co., 257 W Exchange, Providence, R. I.  
Mossberg Frank Co., Attleboro, Mass.

**15126—Drums (Tapestry Printing)**

Crompton-Knowles Loom Works, Worcester, Mass.

**15127—Dry Poles (Enameled) for Silk Dyers**

American Enamel Co., Providence, R. I.

**15128— Dryers (Carpet)**

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Curtis & Marble Machine Co., Worcester, Mass.  
STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

**15129— Dryers (Cloth)**

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Curtis & Marble Machine Co., Worcester, Mass.

Green Fuel Economizer Co., Matteawan, N. Y.

Heathcote Jno. & Son, 212 Eddy, Providence, R. I.

Phila. Drying Machy. Co. ("Hurricane"), 6721 Germantown av, Phila., Pa.

Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*  
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

Utica Novelty & Mill Specialty Co. ("Johnston" Vertical), Utica, N. Y.

**15130— Dryers (Cotton)**

Phila. Drying Machy. Co. ("Hurricane"), 6721 Gtn. av, Phila., Pa.

Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Salem Iron Works, Winston Salem, N. C.  
Sargent's C. G. Sons Corp., Graniteville, Mass.

Speed & Stephenson, 170 Summer, Boston, Mass.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*  
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

**15131— Dryers (Hair)**

BUFFALO FOUNDRY & MACHINE CO., 65 Winchester av, Buffalo, N. Y.

*See adv index at end of book*  
Philadelphia Drying Machinery Co. ("Hurricane"), 6721 Germantown av, Phila., Pa.

Philadelphia Textile Machinery Co. ("Proctor" Fireproofing, for Tanners, etc), Tabor, Phila., Pa.

Sargent's C. G. Sons Corp., Graniteville, Mass.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*

**15132— Dryers (Hot Air Apron)**

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*

**15133— Dryers (Underwear)**

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.

Firsching John A. (Adjustable, Vertical, also Horizontal), Utica, N. Y.

Green Fuel Economizer Co., Matteawan, N. Y.

Phila. Drying Machy. Co. ("Hurricane"), 6721 Gtn. av, Phila., Pa.

Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.

Salem Iron Works, Winston Salem, N. C.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*  
Utica Novelty & Mill Specialty Co. (Knit Goods in the Roll, Utica, N. Y.

**15134— Dryers (Warp)**

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.

Phila. Drying Machinery Co. ("Hurricane"), 6721 Gtn. av, Phila., Pa.

STURTEVANT B. F. CO. ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.

*See adv index at end of book*  
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

**15135— Dryers (Wire Top)**

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

**15136— Dryers (Wool)**

American Blower Co., 1400 Russell, Detroit, Mich.

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.

Green Fuel Economizer Co., Matteawan, N. Y.

Heathcote John & Son, 212 Eddy, Providence, R. I.

Hunter James Machine Co. ("Stone"), N Adams, Mass.



National Blower Works, 17th & St. Paul, av, Milwaukee, Wis.  
Philadelphia Drying Machinery Co. ("Proctor"), 6721 Gtn. av, Phila., Pa.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Sargent's C. G. Sons Corp., Graniteville, Mass.

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.  
Speed & Stephenson, 170 Summer, Boston, Boston, Mass.

**STURTEVANT B. F. CO.** ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*

#### 15137— Dryers (Yarn)

American Blower Co., 1400 Russell, Detroit, Mich.  
Barney Ventilating Fan Works (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Green Fuel Economizer Co., Matteawan, N. Y.

Lorimer Machinery Co., Ontario & Lawrence, Phila., Pa.  
Philadelphia Drying Machinery Co. ("Hurricane"), 6721 Germantown av, Phila., Pa.

Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.

**STURTEVANT B. F. CO.** ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*

#### 15138— Drying Machines (Copper Cylinder)

Butterworth, H. W. & Sons Co., 2415 E York, Philadelphia, Pa.

**15139—Drying Machines (Print Works)**  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

#### 15140— Duck Slitting Machines

Thropp Wm. R. & Sons Co., Trenton, N. J.

#### 15141— Dusters (Rag)

Bagshaw W. H. (Est. of), Lowell, Mass.  
Gerry Geo. & Son, Athol, Mass.

Sargent's C. G. Sons Corp., Graniteville, Mass.

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

#### 15142—Dusters (Wool & Waste)

Curtis & Marble Machine Co., Worcester, Mass.

Gerry Geo. & Son, Athol, Mass.

Hunter Jas. Machine Co., North Adams, Mass.

Lahue M. M. & Co., Lowell, Mass.

Leigh & Butler, 232 Summer, Boston, Mass.

Lombard Machine Co., Worcester, Mass.

Sargent's C. G. Sons Corp., Graniteville, Mass.

Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

#### 15143— Dye Becks

Woonsocket Mach. & Press Co., Woonsocket, R. I.

#### Dye Kettles

*See Copper Work, Dryers*

#### Dye Tubs

American Stave & Cooperage Co., Chelsea, Mass.

Bull Wm. C., Bennington, Vt.

Hunt Rodney Machine Co., Orange, Mass.

Johnson & Hibbard, Westfield, Mass.

New England Tank & Tower Co., Everett Station, Boston, Mass.

Smith Benj. F. Co., Pawtucket, R. I.

**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*

Terhune J. I. ("Fletcher's"), 164 Ward, Paterson, N. J.

Tolhurst Machine Works, Troy, N. Y.

Woolford G. Wood Tank Mfg. Co., 1429 Chestnut, Phila., Pa.

#### 15145— Dyeing Machinery

Adams Laundry Machinery Co., Troy, N. Y.

Arlington Machine Works, Arlington Heights, Mass.

Birch Bros., Somerville, Mass.

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.

Columbus Truck & Supply Mfg. Co., Columbus, Ga.

Delahunty Dyeing Machine Co., Pittston, Pa.

Entwistle T. C. Co., Lowell, Mass.

Franklin Process Co. (For Cotton, Wool & Worsted Yarns), 291 Promenade, Providence, R. I.

Hart Chas., Plum & Hedge, Phila., Pa.

Holyoke Machine Co., Holyoke, Mass.

Hunt Rodney Machine Co., Orange, Mass.

Hussong Dyeing & Machine Co., Groveville, N. J.

Klauder-Weldon Machine Co., Amsterdam, N. Y.

Klipstein A. & Co. ("Cohwen"), 644 Greenwich, New York

Leigh & Butler ("Mather & Platt"), 232 Summer, Boston, Mass.

Lorimer Machinery Co., Ontario, cor N Lawrence, Phila., Pa.

Northwestern Copper & Brass Works, 59 W 3rd, St. Paul, Minn.

Perfection Dyeing Machine Co., Columbus, Ga.

Philadelphia Drying Machinery Co. ("Hurricane" Hosiery), 6721 Germantown, av, Phila., Pa.

Rome Machine & Foundry Co., Rome, Ga.

Salem Iron Works, Winston Salem, N. C.

Smith, Drum & Co., Allegheny av & 4th, Phila., Pa.

Terhune J. I. Machine Works, Paterson, N. J.

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

Tolhurst Machine Works, Troy, N. Y.

Utica Novelty & Mill Specialty Co., Utica, N. Y.

Vacuum Dyeing Mach. Co., Chattanooga, Tenn.

Waters D. F., 55 Wister, Phila., Pa.

Watson Machine Co., Paterson, N. J.

**15146—Dyeing Machines (Skein)**  
Philadelphia Drying Machinery Co. ("Hurricane"), 6721 Germantown av, Phila., Pa.

Riley C. E. Co., 65 Franklin, Boston, Mass.

**15147— Elevators (Cotton)**  
American Blower Co., Detroit, Mich.

Brown Portable Conveying Machy. Co., 10 S La Salle, Chicago, Ill.

Caldwell H. W. & Son Co., Western av & 17th, Chicago, Ill.

Chain Belt Co., Milwaukee, Wis.

Clarage Fan Co., North & Porter, Kalamazoo, Mich.

Continental Gin Co. (Inc.), Birmingham, Ala., & Bridgewater, Mass.

Farnham Mfg Co, 39 Indiana, Buffalo, N. Y.

Hersey Mfg. Co., 1st, South Boston, Mass.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*

**15148— Elevators (Spool)**  
Schnitzler Charles H., 215 N 2d, Phila., Pa.

**15149— Embroidery Machines**  
Ahlstrom O. J., 711 B'way, New York

Durbrow & Hearne Mfg. Co. ("Lintz & Eckhart"), 12 Wooster, New York

**15150—Engines (Carding, Woolen & Worsted)**  
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.

**15151—Engravers (Copper Roll)**  
Dunn Textile Engraving & Mfg. Co., 2011 Church, Phila., Pa.

Highland Engraving Co., 256 Sherman, Passaic, N. J.

Hope Jno. & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

**15152—Engraving Machines (Print Works)**  
Dunn Textile Engraving & Mfg. Co., 2011 Church, Phila., Pa.

Hope John & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.

**15153— Expanders (Cloth)**  
Birch Bros., Somerville, Mass.

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

#### 15154— Extractors (Thread)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

#### 15154a— Fabric Sizing (Glue)

**HEWITT C. B. & BROS.**, 49 Beekman, New York.  
*See adv index at end of book*

#### 15154b—Feeder Clutch Attachments

Harwood Geo. S. & Son, 53 State, Boston, Mass.

#### 15155—Feeders (Automatic Self-Weighing Scale)

Harwood Geo. S. & Son ("Bramwell"), 53 State, Boston, Mass.

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

#### 15156— Feeds (Cloth)

Tillotson Humidifier Co. ("Whittles" Automatic, for Dryers), 78 Fountain, Providence, R. I.

#### 15157— Feeds or Feeders

Brown Cotton Gin Co., New London, Conn.

Clark Machine & Fdry. Co. ("Bramwell"), Franklin, Mass.

Curtis & Marble Machine Co. (Picker), Worcester, Mass.

Harwood Geo. S. & Son ("Bramwell" & "Apperly"), 53 State, Boston, Mass.

Hunter James Machine Co., N Adams, Mass.

Leigh & Butler, 232 Summer, Boston, Mass.

Nat'l Machy. Co., 11 Eddy, Providence, R. I.

Phila. Drying Machinery Co., 6721 Gtn. av, Phila., Pa.

Phila. Textile Machy. Co. ("Proctor"), Tabor, Phila., Pa.

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Sargent's C. G. Sons Corp. (Automatic, for Cotton & Wool), Graniteville, Mass.

Schofield Wm. Co., Krams ab. Wilde, Phila., Pa.

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

Smith & Furbush Machine Co. (Self-Feeds, for Wool, Worsted, Cotton or Jute, also Camel Backs, Blankets & Apperlys for Cards), Hancock & Somerset, Phila., Pa.

Tait Geo., W Kearney, N. J.

Woonsocket Machine & Press Co., Woonsocket, R. I.

**15158— Felt Machinery**  
Clark Machine & Foundry Co. (Trimmers, etc), Franklin, Mass.

Dennis John Machine Co., Lowell, Mass.

Farrel Foundry & Machine Co. (Hardeners), Ansonia, Conn.

**15159—Felting Machines (Cotton)**  
Ivens Wm. H. Sons, P. O. Box 647, Trenton, N. J.

Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

**15160—Finishing Machines (Carpet)**  
Curtis & Marble Machine Co., Worcester, Mass.

Parks & Woolson Mach. Co., Springfield, Vt.

**15161—Finishing Machines (Cloth)**  
Birch Bros., Somerville, Mass.

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.

Cameron Machine Co. (Cloth Cutting, Folding & Measuring Machine), 61 Poplar, Brooklyn, N. Y.

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Cavagnaro Jno. J., Harrison, N. J.

Curtis & Marble Machine Co., Worcester, Mass.

Gessner David, Worcester, Mass.

Palmer I. E. Co., Middletown, Conn.

Parks & Woolson Mach. Co., Springfield, Vt.

Terhune J. I. Machine Works, Paterson, N. J.

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

Windle J. E., Worcester, Mass.

**15162—Finishing Machines (Knit Goods)**  
Grosser Knitting Machine Co., 260 W B'way, New York



Marrow Machine Co. (For all Kinds of Fabrics), Hartford, Conn.  
 National Automatic Knitter Co., 2725 Mutter, Phila., Pa.  
 Smith, Drum & Co., Allegheny av & 4th, Phila., Pa.  
 Union Special Machine Co., 300 W Kinzie, Chicago, Ill.  
 Willcox & Gibbs Sewing Machine Co., 658 B'way, New York

#### 15163—Finishing Machines (Tape)

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

#### 15164—Finishing Machines (Wool & Worsted)

Arlington Machine Works, Arlington Heights, Mass.  
 Birch Bros., Somerville, Mass.  
 Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
 Curtis & Marble Machine Co. (Also Cotton), Worcester, Mass.  
 Leigh & Butler ("Mather" & "Platt"), 232 Summer, Boston, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Schuchardt & Schutte (Dry Decatizing Machine), 90 West, New York  
 Schwartz L. H. A. & Co. ("Paul Klug" Decating Machine), 40 Central, Boston, Mass.  
 Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

#### 15165—Flax Machinery

Firth Wm. ("Mackie & Sons"), 200 Devonshire, Boston, Mass.  
 Haskell-Dawes Machine Co., Boston, Mass.  
 Leigh & Butler, 232 Summer, Boston, Mass.

#### Fleecing Machines

See Napping Machines

#### 15166—Flyers

See also Frames, Cotton, Fly

Calder Machine Works, 420 N 3d, Phila., Pa.  
 Hall F. A. & P., Lawrence, Mass.  
 Hartson L. M. Co. (Spinners), North Windham, Conn.  
 Leigh & Butler, 232 Summer, Boston, Mass.  
 Mayor Thos. & Son ("Bodden"), 26 Olney, Providence, R. I.  
 Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Speed & Stephenson ("Bairstow Bros."), 170 Summer, Boston, Mass.  
 Thurston A. G. & Son, Fall River, Mass.  
 Westcott A. A. & Sons, Hopedale, Mass.  
 Whitin Machine Works, Whitinsville, Mass.

#### 15167—Folding Machines (Cloth)

Birch Bros., Somerville, Mass.  
 Cameron Machine Co., 61 Poplar, Brooklyn, N. Y. *See adv index at end of book*  
 Curtis & Marble Mach. Co., Worcester, Mass.  
 Elliott & Hall, Worcester, Mass.  
 Grand Rapids Textile Machinery Co., Grand Rapids, Mich.  
 Johnson C. A. & Co., 55 Pine, Providence, R. I.  
 McCreary Edw., Cohoes, N. Y.  
 Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.  
 Windle J. E., Worcester, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

#### 15168—Folding & Cutting Machines (Underwear)

Goodwin J. C., 2d & Diamond, Phila., Pa.  
 Tolhurst Machine Works, Troy, N. Y.

#### 15169—Folding & Measuring Machines

Cameron Machine Co. (Cloth), 61 Poplar, Brooklyn, N. Y.  
*See adv index at end of book*

Curtis & Marble Machine Co., Worcester, Mass.

Eastwood Benj. Co., Paterson, N. J.  
 Elliott & Hall (Silk), Worcester, Mass.

Parks & Woolson Machine Co., Springfield, Vt.

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

#### 15170—Frames (Cotton Drawing)

Fall River Foundry & Machine Co., Fall River, Mass.

Firth Wm., 200 Devonshire, Boston, Mass.  
 Mason Machine Works, Taunton, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Whitin Machine Works, Whitinsville, Mass.  
 Woonsocket Mach. & Press Co., Woonsocket, R. I.

#### 15171—Frames (Cotton Evener Drawing)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

#### 15172—Frames (Cotton Fly)

Fall River Fdy. & Mach. Co., Fall River, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Whitin Machine Wks., Whitinsville, Mass.  
 Woonsocket Mach. & Press Co., Woonsocket, R. I.

#### 15173—Frames (Hand Lacing)

Royle John & Sons, Paterson, N. J.

#### 15174—Frames (Harness)

Benazet Heddle Co. (Ltd.), 500 W Girard av, Phila., Pa.  
 Brown Bros. Co., 62 Exchange pl, Providence, R. I.  
 Crompton & Knowles Loom Works, Worcester, Mass.  
 Hakes H. W. Mfg. Co., Millbury, Mass.  
 Watson L. S. Mfg. Co., Leicester, Mass.  
 Williams J. H. Co., Millbury, Mass.

#### 15175—Frames (Heddle)

Gibbs Heddle Co., Leicester, Mass.  
 Hakes H. W. Mfg. Co., Millbury, Mass.  
 Steel Heddle Mfg. Co., 2110 Allegheny av, Phila., Pa.  
 Walker Mfg. Co., Kensington & Ontario, Phila., Pa.  
 Watson L. S. Mfg. Co., Leicester, Mass.  
 Williams J. H. Co., Millbury, Mass.

#### 15176—Frames (Intermediate)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

#### 15177—Frames (Jack)

Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

#### 15178—Frames (Redrawing)

Atwood Machine Co., Stonington, Conn.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.

#### 15179—Frames (Ring Spinning)

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
 Fales & Jenks Machine Co., Pawtucket, R. I.  
 Fall River Foundry & Machine Co., Fall River, Mass.  
 Mason Machine Works, Taunton, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Whitin Machine Works, Whitinsville, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

#### 15180—Frames (Roving)

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
 Fall River Fdry. & Mach. Co., Fall River, Mass.  
 Firth Wm., 200 Devonshire, Boston, Mass.  
 Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Speed & Stephenson, 179 Summer, Boston, Mass.  
 Whitin Machine Works, Whitinsville, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

#### 15181—Frames (Slubbing)

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
 Firth Wm., 200 Devonshire, Boston, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Whitin Machine Works, Whitinsville, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

#### 15182—Frames (Spinning)

See also Frames, Ring Spinning; also Frames, Wool Spinning; also Mules

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
 Fall River Foundry & Machine Co., Fall River, Mass.  
 Flaccus C. L. Glass Co., 130 N 3d, Phila., Pa.  
 Jefferson Edw. & Bro. (Imp.), 123 S 2d, Phila., Pa.  
 Mason Machine Works, Taunton, Mass.  
 Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Whitin Machine Works, Whitinsville, Mass.

#### Frames (Twisting)

See Twisters

#### 15183—Frames (Wool Spinning)

See also Mules

Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
 Fall River Fdry. & Mach. Co., Fall River, Mass.  
 Flaccus C. L. Glass Co., 130 N 3d, Phila., Pa.  
 Johnson & Bassett, Worcester, Mass.  
 Smith, Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

#### 15184—Fulling Mills

Bull Wm., Bennington, Vt.  
 Clark Machine & Foundry Co., Franklin, Mass.  
 Hunt Rodney Machine Co., Orange, Mass.  
 Hunter James Machine Co., N Adams, Mass.  
 Kenyon D. R. & Son, Raritan, N. J.  
 Utica Novelty & Mill Specialty Co. (Rotary), Utica, N. Y.

#### 15185—Garnett Machines

Hunter Jas. Machine Co., N Adams, Mass.  
 Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.  
 Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

#### 15186—Garnett & Card Machines (Combined)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

#### 15187—Gassing Machines

Brigham Arthur A., 17 Milk, Boston.

#### Gas Singeing Machines

See Singeing Machines

#### 15188—Gigs (Teasel)

Curtis & Marble Machine Co., Worcester, Mass.  
 Parks & Woodson Machine Co., Springfield, Vt.

#### 15189—Gill Screws

Hood R. H. Co., 1842 Gtn. av, Phila., Pa.

#### 15190—Gills (Preparing & Finishing)

Bragg Jno. I., 24 Atwood, Providence, R. I.  
 Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Saco-Lowell Shops, Boston, Mass.  
 Speed & Stephenson, 170 Summer, Boston, Mass.

#### 15191—Glass Rods & Bars

Mitchell-Bissell Co. (Rods for Looms), 251 4th av, New York  
 Ruth Glass Co. (Bars), Conshohocken, Pa.

#### 15192—Guide Wires

American Supply Co., 135 Washington, Providence, R. I.  
 Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.  
 Brooks M. S. & Sons, Chester, Conn.  
 Morgan Spring Co., Worcester, Mass.  
 Parker Wire Goods Co., Worcester, Mass.  
 Spencer Wire Co., Worcester, Mass.  
 Wire Goods Co., Worcester, Mass.

#### 15193—Guides (Porcelain & Enameled)

Mitchell-Bissell Co., 251 4th av, New York



**15194— Guides (Thread)**

Palmer I. E. Co. (Adjustable), Middletown, Conn.

**15195— Hackle Pins**

Crabb Wm. & Co., 3d av, Newark, N. J.

**Hackles**

See Combs, Circles & Fallers

**15196— Harness Straps**

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.

Coupe Wm. Co. (Ltd.), South Attleboro, Mass.

Jacobs E. H. Mfg. Co., Danielsville, Conn.

**15197— Harnesses (Loom)**

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.

American Supply Co., 135 Washington, Providence, R. I.

Andrew Loom Reed Harness Works, Spartanburg, S. C.

Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.

Carruthers Robt. Co., Lowell, Mass.

Crabb Wm. & Co., 3d av, Newark, N. J.

Emmons Loom Harness Co., Lawrence, Mass.

Excelsior Loom Reed Works, Pawtucket, R. I.

Gibbs Loom, Harness & Reed Co., Clinton, Mass.

Hall J. A. Est. of, Paterson, N. J.

Halton's Thos. Sons, Allegheny av & C, Phila., Pa.

Harris Geo. W. Co., Lowell, Mass.

Hayes Loom, Reed & Harness Co., Woonsocket, R. I.

Mitchell-Bissell Co., 251 4th av, New York

Morgan Spring Co., Worcester, Mass.

Paterson Reed & Harness Co., Paterson, N. J.

Scholes John & Co., Lowell, Mass.

Street B. R. Co., 549 Washington blvd, Chicago, Ill.

Ulrich Co., Paterson, N. J.

Walder J., Paterson, N. J.

Webster Loom Harness Co., Fall River, Mass.

**15198— Heck Stands**

Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

**15199— Heddles**

American Supply Co., 135 Washington, Providence, R. I.

Butcher Edwin, Worcester, Mass.

Carruthers Robt. Co., Lowell, Mass.

Emmons Loom Harness Co., Lawrence, Mass.

Firth Wm. ("R. Center Fils"), 200 Devonshire, Boston, Mass.

Gibbs Heddle Co., Leicester, Mass.

Hall J. A. Est. of, Paterson, N. J.

Howard Bros. Mfg. Co., Worcester, Mass.

Steel Heddle Mfg. Co., 2110 W Allegheny av, Phila., Pa.

Walder J., Paterson, N. J.

Walker Mfg. Co., Kensington & Ontario, Phila., Pa.

Watson L. S. Mfg. Co., Leicester, Mass.

Williams J. H. Co., Millbury, Mass.

**15200— Heddles (Braided)**

Emmons Loom Harness Co. ("Thibaud's"), Lawrence, Mass.

Hall I. A. & Co., Paterson, N. J.

**15201— Heddles (Jacquard)**

American Supply Co., 135 Washington, Providence, R. I.

**15202— Heddles (Steel)**

Steel Heddle Mfg. Co., 2110 W Allegheny av, Phila., Pa.

Williams J. H. Co., Millbury, Mass.

**15203— Heddles (Wire)**

Benazet Heddle Co. (Ltd.), 500 W Girard av, Phila., Pa.

Bull Wm., Bennington, Vt.

Chase F. A. & Co., 253 W Exchange, Providence, R. I.

Gibbs Heddle Co., Leicester, Mass.

Hakes H. W. Mfg. Co., Millbury, Mass.

Howard Bros. Mfg. Co. (Also Twin Wire German Heddles), Worcester, Mass.

Mossberg Frank Co. (Brass or Steel), Attleboro, Mass.

Watson L. S. Mfg. Co. (German Tinned & Domestic Bronze), Leicester, Mass.

Williams J. H. Co., Millbury, Mass.

**15204— Hoods (Slasher)**

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

**15205— Hooks (Loom)**

Edmonds Arthur B. Co., 180 Main, Pawtucket, R. I.

**15206— Hooks (Reed)**

Ferray Bros Co., Paterson, N. J.

Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

**15207— Hosiery Bands & Labels**

Acme Print Co., Reading, Pa.

Allbright & Shenton, Reading, Pa.

Johnson Thos. (Est. of) Lawrence & Clearfield, Phila., Pa.

Novelty Printing Co. (Inc.), 7th & Watkins, Phila., Pa.

Reis G. & Bro., 900 B'way, New York

**15208— Hosiery Boards**

Bull Wm. C., Bennington, Vt.

Clark Geo. H. & Co., Meredith, N. H.

Estes E. B. & Sons, 353 5th av, New York

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HEWITT C. B. & BROS., 49 Beekman, New York. See adv index at end of book

Pearson Jos. T., 1825 E Boston av, Phila., Pa.

Wisconsin Textile Mfg. Co., Two Rivers, Wis.

**Hosiery Machines**

See Knitting Machines, Hosiery

**15209— Hosiery Striping Attachment**

Stafford & Holt (Automatic), Little Falls, N. Y.

**15210— Hydro-Extractor Guards**

Utica Novelty & Mill Specialty Co., Utica, N. Y.

**15211— Hydro-Extractors**

Adams Laundry Machinery Co. (For Clothes Wringing), Troy, N. Y.

American Tool & Machine Co. ("Weston," for Raw Stock, Finished Goods, Underwear & Hosiery), 10 High, Boston, Mass.

Columbia Mfg. Co. (Clothes Wringing), Columbia, Pa.

Curtis & Marble Machine Co. (Horizontal), Worcester, Mass.

Dienelt & Eisenhardt, 1304 N Howard, Phila., Pa.

Empire Laundry Machinery Co., 352 Western av, Boston, Mass.

Salem Iron Works, Winston Salem, N. C.

Schaum & Uhlinger, N 2d cor Glenwood av, Phila., Pa.

Tolhurst Machine Works, Troy, N. Y.

Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

Wayte W. J. (Imp.), 1 Liberty, New York

**15212— Indigo Mills**

Humphrey Machine Co., Keene, N. H.

Lord, Bowler & Co., Cleveland, O.

Saco-Loell Shops (Grinders), Boston, Mass.

Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

Townsend Foundry & Mach. Shop Co., Broadway & Rensselaer, Albany, N. Y.

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**15213— Jack Hooks**

Brooks M. S. & Sons, Chester, Conn.

**15214— Jacks (Needle)**

Cooper Chas. (Est. of), Bennington, Vt.

**15215— Jiggers**

Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.

Mackenzie Duncan Sons Co., Trenton, N. J.

Terhune J. L., Machine Works, 164 Ward, Paterson, N. J.

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

Watson Machine Co., Paterson, N. J.

**15216— Jute Machinery**

See also Spinning Machinery. Jute

Haskell-Dawes Machine Co., Boston, Mass.

**12517— Kiers**

Arlington Machine Works, Arlington Heights, Mass.

Birch Bros., Somerville, Mass.

Buhlmann A. W., 200 5th av, New York

McCabe E. & Co., Lawrence, Mass.

**15218— Knit Fabric Slitters & Rewinders**

Langston Samuel M. Co., Camden, N. J.

**15219— Knitting Machine Attachments**

Cooper Chas. (Est. of), Bennington, Vt.

Sweet & Doyle, Cohoes, N. Y.

**15220— Knitting Machinery**

Acme Knitting Machine & Needle Co. ("Hemphill" "Acme"), Franklin, N. H.

Adams Geo. H. Co., Hill, N. H.

Ainslie Knitting Machine Co. ("C. & F."), 281 Ainslie, Brooklyn, N. Y.

Ardrey S. B. & Sons, Bristol, Pa.

Boss Knitting Machine Works, Reading, Pa.

Brinton H. Co. (Seamless & Ribbed Machines), 213 Race, Phila., Pa.

Burson Knitting Co., Rockford, Ill.

Campbell & Clute Machine Co., Cohoes, N. Y.

Crane Bros., Westfield, Mass.

Crane Mfg. Co., Lakeport, N. H.

Crawford Mfg. Co., New Brunswick, N. J.

Eppler's Jno. Mach. Wks. (For Upholstery, Dress & Millinery Trimmings), 629 Filbert, Phila., Pa.

Excelsior Knitting Mach. Mfg. Co., Allentown, Pa.

Fisher Knitting Machine Co., Utica, N. Y.

Gearhart Knitting Machine Co., Clearfield, Pa.

General Machine Works, York, Pa.

Gormley Robt. W. & Co., Troy, N. Y.

Grosser Knitting Machine Co., 260 W B'way, New York

Hemphill Mfg. Co. ("Banner"), Central Falls, R. I.

Hepworth Jno. W. & Co., Lehigh av & Mascher, Phila., Pa.

Ives Loyal T. Co., New Brunswick, N. J.

Jenckes Knitting Machine Co. ("Invincible" Full Automatic Hosiery), Pawtucket, R. I.

Kilbourne Mfg. Corp., New Brunswick, N. J.

Lamb Knitting Machine Co., Chicopee Falls, Mass.

Leighton Machine Co., Manchester, N. H.

Lindley Geo. W., 5122 Wakefield, Gtn., Phila., Pa.

McMichael A., 22 Armat, Phila., Pa.

Mayo Geo. D. Machine Co. (Automatic), Laconia, N. H.

Newton Edwin A., 310 N 4th, Phila., Pa.

Nye & Tredick Co., 720 Cherry, Phila., Pa.

Paxton & O'Neill, 541 N 3d, Phila., Pa.

Redin, Ekstrom & Co., Rockford, Ill.

Scott & Williams (Hosiery & Underwear), 366 B'way, New York

Snyder Homer P. Mfg. Co., Little Falls, N. Y.

Spindler E. O. (Imp.), 350 B'way, New York

Stafford & Holt, Little Falls, N. Y.

Standard Machine Co., 330 N 12th, Phila., Pa.

Steber Machine Co., Utica, N. Y.

Textile Machine Works (Inc.) (Full-Fashioned), Reading, Pa.

Tiffany Eli J., Bennington, Vt.

Tompkins Bros. Co., Troy, N. Y.

Trump Bros. Machine Co. (Hosiery & Underwear), Beech & Anchorage, Wilmington, Del.

Walther Otto, Phila., Pa.

Wildman Mfg. Co., Norristown, Pa.

**15221— Knitting Machines (Circular)**

Crane Bros., Westfield, Mass.

Crane Mfg. Co., Lakeport, N. H.

Fisher Knitting Machine Co., Utica, N. Y.

Leighton Machine Co., Manchester, N. H.

National Automatic Knitter Co., 2725 Mutter, Phila., Pa.

Nye & Tredick Co., 720 Cherry, Phila., Pa.

Paxton & O'Neill (Full Automatic), 541 N 3d, Phila., Pa.



Stafford & Holt (Automatic), Little Falls, N. Y.

### 15222—Knitting Machines (Hosiery)

Acme Knitting Machine & Needle Co. ("Acme" Seamless), Franklin, N. H.  
Ames A. N. Knitting Machine Co. ("Ames Five-In-One"), Franklin, N. H.  
Brinton H. Co. (Ribbed & Seamless), 213 Race, Phila., Pa.

Hemphill Mfg. Co., Central Falls, R. I.  
Works: Pawtucket, R. I.  
Hirsch Louis ("Lieberknecht" Full Fashioned, Imp.), 220 5th av, New York  
Lamb Knitting Machine Co., Chicopee Falls, Mass.

National Automatic Knitter Co., 2725 Mutter, Phila., Pa.

Nydegger Max ("Grosser" Full Fashioned Seamless), 260 W B'way, New York

Nye & Tredick Co., 720 Cherry, Phila., Pa.  
Scott & Williams, 88 Pearl, Boston, Mass.  
Spindler E. O. (Imp), 350 B'way, New York

Standard Mach. Co., 330 N 12th, Phila., Pa.  
Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

### 15223—Knitting Machines (Rib)

Brinton H. Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.

Cooper Chas. (Est. of) (Automatic Spring Needle), Bennington, Vt.

Fisher Knitting Machine Co., Utica, N. Y.  
General Machine Works, York, Pa.

Hirsch Louis (Imp), 220 5th av, New York

Huse Warren D. & Sons, Laconia, N. H.

Leighton Machine Co., Manchester, N. H.

National Automatic Knitter Co., 2725 Mutter, Phila., Pa.

Nye & Tredick Co. ("Automatic" Circular), 720 Cherry, Phila., Pa.

Ruth Machine Co., York, Pa.

Scott & Williams (For Underwear, etc), 88 Pearl, Boston, Mass.

Snyder Homer P. Mfg. Co., Little Falls, N. Y.

Stafford & Holt (Automatic Circular), Little Falls, N. Y.

Wildman Mfg. Co. (Circular), Norristown, Pa.

### 15224—Knitting Machines (Seamless)

Acme Knitting Machine & Needle Co. ("Acme," "Hemphill"), Franklin, N. H.

Boss Knitting Machine Works (Hosiery), Reading, Pa.

Brinton H. Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.

National Automatic Knitter Co. (Also Lace Effects), 2725 Mutter, Phila., Pa.

Scott & Williams (Automatic Hosiery), 88 Pearl, Boston, Mass.

Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.

### 15225—Labels (Underwear)

Jacobs J. L. & M. Co., 324 Lafayette, New York

### 15226—Lace Machines

Chauvet & Coulter Co., 245 7th av, New York

Lever, Oswald Co., 13th & Cumberland, Phila., Pa.

Lindley Geo. W., 5122 Wakefield, Gtn., Phila., Pa.

Lynwood Mfg. Co. (Ribbers), Hancock & Westmoreland, Phila., Pa.

Spindler E. O. (Imp), 350 B'way, New York

Textile Finishing Machinery Co. (Bleaching & Finishing), 171 Westminster, Providence, R. I.

### 15227—Lacers (Automatic Lock & Loop Stitch)

Royle John & Sons, Paterson, N. J.

### 15228—Lace Rods

American Enamel Co. (Enameled), Newville, Providence, R. I.

### 15229—Lifting Rod Cleaners

Draper Corp. ("Shaw & Flinn's"), Hopedale, Mass.

### 15230—Liquid Bleach Apparatus

Electro Chemical Co., Dayton, O.

### 15231—Loom Attachments

Brown Bros. Co., 62 Exchange pl, Providence, R. I.

Crompton & Knowles Loom Works, Worcester, Mass.

Eastwood Benjamin Co., Paterson, N. J.

Lahue M. M. & Co., 107 Cushing, Lowell, Mass.

Stafford Co., Readville, Mass.

### 15232—Loom Crank Shafts

Babbitt Bros., Fairhaven, Mass.

Fall River Foundry & Machine Co., Fall River, Mass.

### 15233—Loom Forks

Brown Bros. Co., 62 Exchange pl, Providence, R. I.

English C. R. Co., 301 Congress, Boston, Mass.

National Ring Traveler Co., 257 W Exchange, Providence, R. I.

Parkinson Edw. Mfg. Co., 84 Sprague, Providence, R. I.

### 15234—Loom Frictions (Cork Insert)

Cork Insect Co., 164 Federal, Boston, Mass.

### 15235—\*Loom Knives

COES LORING & CO. (INC.) ("Micro-Ground"), Coes sq, Worcester, Mass.

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### 15236—Loom Lingoes

Hall I. A. (Estate of), Paterson, N. J.

Walder Jacob, Paterson, N. J.

### 15237—Loom Strapping

American Supply Co., 135 Washington, Providence, R. I.

Barlow John W. Co., Lawrence, Mass.

Brown Bros. Co., 62 Exchange pl, Providence, R. I.

Chicago Rawhide Mfg. Co., 1301 Elston av, Chicago, Ill.

Coupe Wm. Co. (Ltd.), So. Attleboro, Mass.

Graton & Knight Mfg. Co. (Rawhide), Worcester, Mass.

Groezeinger's G. Sons ("Helvetia"), Lancaster, Pa.

Hall I. A. (Estate of), Paterson, N. J.

Jacobs E. H. Mfg. Co., Danielson, Conn.

Lahue M. M. & Co. (Steel Lug Straps & Friction Bands for Warp Beams), Lowell, Mass.

Milliken W. & Son, Franklin, Mass.

National Leather Mfg. Co., Niles, Mich.

Page Belting Co., Concord, N. H.

Van Riper Mfg. Co., Paterson, N. J.

Weatherhead, Thompson & Co., Pawtucket, R. I.

Whiting Henry F., Lowell, Mass.

### 15238—Loom Temples

Crompton & Knowles Loom Works, Worcester, Mass.

Draper Corp. ("Dutcher"), Hopedale, Mass.

Hopedale Mfg. Co., Milford, Mass.

### 15239—Looms

Alvord Clinton, 7 Summer, Worcester, Mass.

Crompton & Knowles Loom Works (Automatic), Worcester, Mass.

Draper Corp. ("Northrop"), Hopedale, Mass.

Eastwood Benj. Co., Paterson, N. J.

Hughes & Russum (All Kinds), Oxford & Hedge, Phila., Pa.

Insinger Co., Stenton av, Phila., Pa.

Jefferson Edw. & Bro. (Imp), 123 S 2nd, Phila., Pa.

Kilburn, Lincoln Machine Co., Fall River, Mass.

Leigh & Butler, 232 Summer, Boston, Mass.

Lyall J. & W., Passaic, N. J.

Mason Machine Works, Taunton, Mass.

Schaum & Uhlinger, 2nd & Glenwood av, Phila., Pa.

Stafford Co. (Automatic), Readville, Mass.

Whitin Machine Works, Whitinsville, Mass.

Widmer Bros., Paterson, N. J.

15240—Looms (Axminster)

Crompton & Knowles Loom Works, Worcester, Mass.

Whitin Machine Works, Whitinsville, Mass.

Worcester Loom Works (Wide), 7 Summer, Worcester, Mass.

### 15241—Looms (Bag)

Crompton & Knowles Loom Works, Worcester, Mass.

Stafford Co. ("Ideal" Automatic), Readville, Mass.

### 15242—Looms (Broad)

Eastwood Benj. Co., Paterson, N. J.

### 15243—Looms (Carpet)

Chief Mfg. Co., Indianapolis, Ind.

Crompton & Knowles Loom Works, Worcester, Mass.

Giant Mfg. Co., Council Bluffs, Ia.

Leigh & Butler, 232 Summer, Boston, Mass.

Lyall J. & W., Passaic, N. J.

Reed Mfg. Co., Springfield, O.

Worcester Loom Works (Wm. Smith & Bros.), Worcester, Mass.

### 15244—Looms (Cassimere)

Crompton & Knowles Loom Works, Worcester, Mass.

### 15245—Looms (Circular)

Royle John & Sons (Inc.) ("De Laski" for Hose Jackets), Paterson, N. J.

### 15246—Looms (Cotton)

Crompton & Knowles Loom Works, Worcester, Mass.

Fall River Fdry. & Machine Co., Fall River, Mass.

Hughes & Russum, Oxford & Hedge, Phila., Pa.

Kilburn Lincoln Machine Co., Fall River, Mass.

Leigh & Butler, 232 Summer, Boston, Mass.

Mason Machine Works, Taunton, Mass.

Stafford Co., Readville, Mass.

Whitin Machine Works, Whitinsville, Mass.

### 15247—Looms (Cotton Blanket)

Crompton & Knowles Loom Works, Worcester, Mass.

### 15248—Looms (Cotton Duck)

Poole Engng. & Mach. Co., Woodberry sta, Baltimore, Md.

Stafford Co. ("Ideal" Automatic), Readville, Mass.

### 15249—Looms (Curtain)

Crompton & Knowles Loom Works, Worcester, Mass.

### 15250—Looms (Dress Goods)

Crompton & Knowles Loom Works, Worcester, Mass.

### 15251—Looms (Embroidery)

Walther Otto (Mfrs.' Agent), Bourse, Phila., Pa.

### 15252—Looms (Fancy)

Crompton & Knowles Loom Works, Worcester, Mass.

Hughes & Russman, Oxford & Hedge, Phila., Pa.

Kilburn Lincoln Machine Co., Fall River, Mass.

Mason Machine Works, Taunton, Mass.

Stafford Co., Readville, Mass.

### 15253—Looms (Feltling)

Crompton & Knowles Loom Works, Worcester, Mass.

### 15254—Looms (Fire Hose)

Kilburn Lincoln Machine Co., Fall River, Mass.

Royle John & Sons (Inc.) ("De Laske"), Paterson, N. J.

### 15255—Looms (Gingham)

Crompton & Knowles Loom Works, Worcester, Mass.



- 15256— **Looms (Goring)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15257— **Looms (Jacquard)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Eastwood Benj. Co., Paterson, N. J.  
Halton's Thos. Sons, Allegheny av & C, Phila., Pa.  
Kilburn Lincoln Machine Co., Fall River, Mass.  
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.
- 15258— **Looms (Jean)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15259— **Looms (Jute Carpet)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15260— **Looms (Plush)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15261— **Looms (Rag Carpet & Rug)**  
Newcomb Loom Co., Davenport, Ia.
- 15262— **Looms (Ribbon)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.  
Widmer Bros., Paterson, N. J.
- 15263— **Looms (Rug)**  
Chief Mfg. Co., Indianapolis, Ind.  
Crompton & Knowles Loom Works, Worcester, Mass.  
Giant Mfg. Co., Council Bluffs, Ia.  
Reed Mfg. Co., Springfield, O.
- 15264— **Looms (Silk)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Eastwood Benj. Co., Paterson, N. J.  
Hughes & Russum, Oxford & Hedge, Phila., Pa.  
Kilburn Lincoln Machine Co., Fall River, Mass.  
Mason Machine Works, Taunton, Mass.  
Stafford Co., Readville, Mass.
- 15265— **Looms (Suspender)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.
- 15265a— **Looms (Tire Fabric)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15266— **Looms (Upholstery)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15267— **Looms (Velvet)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15268— **Looms (Webbing)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Kilburn Lincoln & Co., Fall River, Mass.
- 15269— **Looms (Woolen)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Hughes & Russum, Oxford & Hedge, Phila., Pa.  
Leigh & Butler, 232 Summer, Boston, Mass.  
Smith James Woolen Mach'y Co., Hancock & Somerset, Phila., Pa.
- 15270— **Looms (Worsted)**  
Crompton & Knowles Loom Works, Worcester, Mass.  
Hughes & Russum, Oxford & Hedge, Phila., Pa.  
Leigh & Butler, 232 Summer, Boston, Mass.  
Stafford Co., Readville, Mass.
- 15271— **Loopers**  
**ARGUTO OILLESS BEARING CO.** ("Ravilwind-Arguto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Beattie Mfg. Co., Cohoes, N. Y.  
Campbell & Clute Machine Co., Cohoes, N. Y.  
Grosser Knitting Mach. Co., 260 W B'way, New York  
Hepworth Jno. W. & Co., Lehigh & Mascher, Phila., Pa.  
Leighton Machine Co., Manchester, N. H.  
Southern Textile Machinery Co., Paducah, Ky.
- 15272— **Lug Straps**  
Bond Chas. Co., 520 Arch, Phila., Pa.  
Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.  
Houghton E. F. & Co. ("Houghton's Patent Rockers"), 240 W Somerset, Phila., Pa.  
Jacob E. H. Mfg. Co. ("Very Best," "Crescent," "Star"), Danielson, Conn.  
Milliken W. & Son (Duck, Ticking & Leather), Franklin, Mass.  
Victor-Balata & Textile Belting Co. ("Victor-Balata"), 38 Murray, New York
- 15273— **Lumpers**  
Clark Machine & Foundry Co., Franklin, Mass.  
Gerry Geo. & Son, Athol, Mass.  
Smith Jas. Woolen Mach'y Co., Hancock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
- 15274— **Mails (Brass & Steel)**  
Ulrich Co., Paterson, N. J.  
Walder Jacob, Paterson, N. J.
- 15275— **Mantle Knittings**  
Knit Goods Specialty Co. (All Styles), Chicopee Falls, Mass.
- 15276— **Mercerizing Machines**  
Birch Bros., Somerville, Mass.  
Buhlmann A. W., 200 5th av, New York  
Butterworth H. W. & Son Co., 2415 E York, Phila., Pa.  
Klauder-Weldon Machine Co., Amsterdam, N. Y.  
Smith Drum & Co., Allegheny av & 4th, Phila., Pa.  
Textile Finishing Machinery Co. (Cloth or Yarn), 171 Westminster, Providence, R. I.
- 15277— **Mill Soaps**  
American Soap & Washoline Co., Cohoes, N. Y.  
Dobbins Soap Mfg. Co., 119 S 4th, Phila., Pa.  
Draper J. O. Co., Pawtucket, R. I.  
Eastern Supply Co. (Palm & Olive Oil), 2 Canterbury, Worcester, Mass.  
Evenson J. & Sons, Camden, N. J.  
Evenson J. & Sons, Del. & Penn av, Phila., Pa.  
Farrington William U. (Est. of), E Greenwich, R. I.  
Fisk Mfg. Co., Springfield, Mass.  
Fox Chas. J., 313 S Philip, Phila., Pa.  
Harding H. C., Sedgley av & W 17th, Phila., Pa.  
Hersom Thos. & Co. (Powder), New Bedford, Mass.  
Holbrook Mfg. Co., 17th, Jersey City, N. J.  
India Alkali Wks., 28 India Wharf, Boston, Mass.  
Jaack Louis Co., 257 Front, New York  
Johnson B. J. Soap Co., 42 4th, Milwaukee, Wis.  
Kenney F. Mfg. Co., 368 Dorchester av, Boston, Mass.  
Kerkeslager M. W., 17th & Sedgley av, Phila., Pa.  
Miller Mfg. Co., 668 Eddy, Providence, R. I.  
O. K. Soap Co., 968 Franklin, Phila., Pa.  
Portsmouth Cotton Oil Refining Corp. (Cotton Seed), Portsmouth, Va.  
Providence Sizing Co., Cranston, R. I.  
Rome Soap Mfg. Co., Rome, N. Y.  
Royal Chemical Co., Phenix, R. I.  
Specification Soap & Oil Co., 427 W 13th, New York  
Standard Soap Co., Camden, N. J.  
Warren Soap Mfg. Co., 77 Summer, Boston, Mass.
- Weaver & Sterry (Ltd.) (Imp. Castile), 79 Pine, New York  
White & Bagley Co., Worcester, Mass.  
Woodley Soap Mfg. Co., 33 Norfolk av, Rox, Boston, Mass.
- Mill Supplies (Textile)**  
See Mill & Factory Supplies
- Mill Wire Goods**  
See Drop Wires, also Guide Wires
- 15278-9— **Moistening Apparatus (Air)**  
American Moistening Co., 120 Franklin, Boston, Mass.  
Carrier Air Conditioning Co., 39 Cortlandt, New York  
Garland Mfg. Co., Saco, Me.  
Green Fuel Economizer Co., Matteawan, N. Y.  
Normalair Co., Winston-Salem, N. C.  
Schutte & Koerting Co., 1251 N 12th, Phila., Pa.  
**STURTEVANT B. F. CO.** ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*  
Thomas & Smith, 116 N Carpenter, Chicago, Ill.  
Turner J. S. Mfg. Co., Lowell, Mas.
- 15280— **Motions (Doffer Comb)**  
Barker Jas., 6th & Cayuga, Phila., Pa.
- 15281— **Motions (Drawing Frame Stop)**  
Riley C. E. Co., 65 Franklin, Boston, Mass.
- 15282— **Motions (Evener)**  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
- 15283— **Motions (Knitting Machine Stop)**  
Crawford Mfg. Co., New Brunswick, N. J.  
General Machine Works, York, Pa.  
Nye & Tredick Co., 720 Cherry, Phila., Pa.  
Ruth Machine Co., York, Pa.  
Wildman Mfg. Co., Norristown, Pa.
- 15284— **Motions (Loom Stop)**  
Draper Corp. (Loom Warp Stop), Hopedale, Mass.  
Mossberg Frank Co. (& parts), Attleboro, Mass.
- 15285— **Motions (Salvage)**  
Crompton & Knowles Loom Works, Worcester, Mass.
- 15286— **Motions (Spindle, for Mules)**  
Ryalls Machinery Corp. ("Ryalls"), Charlottesville, Va.
- 15287— **Motions (Spooler Stop)**  
Fall River Foundry & Machine Co., Fall River, Mass.  
Schock G. & Son, 514 W 57th, New York
- 15288 **Motions (Twister Stop)**  
Draper Corp. ("Smith's"), Hopedale, Mass.
- 15289— **Motions (Warp Stop)**  
Coldwell Gildard Co. ("C. & G."), 95 Milk, Boston, Mass.  
Crompton & Knowles Loom Works, Worcester, Mass.  
Draper Corp., Hopedale, Mass.  
Hopedale Mfg. Co., Milford, Mass.  
Mossberg Wrench Co. ("Kip Armstrong" Electric), Central Falls, R. I.  
Stafford Co., Readville, Mass.
- 15290— **Mule Attachments**  
**ARGUTO OILLESS BEARING CO.** ("Arguto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Bagshaw W. H. (Est. of), Lowell, Mass.  
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.
- 15291— **Mules (Cotton)**  
**ARGUTO OILLESS BEARING CO.** ("Arguto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
Firth Wm. (Asa Lees & Co. Ltd.), 200 Devonshire, Boston, Mass.  
Leigh & Butler ("Platt's"), 232 Summer, Boston, Mass.



Mason Machine Works, Taunton, Mass.  
Riley C. E. Co. ("Threlfal" Self-Acting),  
65 Franklin, Boston, Mass.

#### 15292— Mules (Self-Acting)

**ARGUTO OILLESS BEARING CO.** ("Arguto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Firth Wm. (Asa Lees & Co. Ltd.), 200  
Devonshire, Boston, Mass.  
Mason Machine Works, Taunton, Mass.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Smith Jas. Woolen Machinery Co. (English  
& Melton Styles), Hancock & Somers-  
et, Phila., Pa.  
Smith & Furbush Mach. Co. ("Furbush"),  
Hancock & Somerset, Phila., Pa.

#### 15293— Mules (Woolen)

**ARGUTO OILLESS BEARING CO.** ("Ar-  
guto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Johnson & Bassett, Worcester, Mass.  
Leigh & Butler ("Platt's"), 232 Summer,  
Boston, Mass.  
Riley C. E. Co. (Self-Acting), 65 Frank-  
lin, Boston, Mass.  
Smith Jas. Woolen Machy Co., Hancock &  
Somerset, Phila., Pa.

#### 15294— Mules (Worsted)

**ARGUTO OILLESS BEARING CO.** ("Ar-  
guto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Birch Bros., Somerville, Mass.  
Borchers Rich'd C. & Co., Womrath &  
Tackawanna Fkd., Phila., Pa.  
Diamond Textile Machine Works, 1820 N  
10th, Phila., Pa.  
Firth Wm. (Asa Lees Co. Ltd.), 200  
Devonshire, Boston, Mass.  
Leigh & Butler ("Platt's"), 232 Summer,  
Boston, Mass.  
Riley C. E. Co. (Self-Acting), 65 Frank-  
lin, Boston, Mass.

#### 15295— Napping Machines

Ardrey S. B. & Sons, Bristol, Pa.  
Birch Bros., Somerville, Mass.  
Borchers Richard C. & Co., Womrath &  
Tackawanna, Fdk., Phila., Pa.  
Buhlmann A. W., 200 5th av, New York  
Curtis & Marble Mach. Co., Worcester,  
Mass.  
Davis & Furber Machine Co. (Planetry),  
North Andover, Mass.  
Gerry Geo. W. & Son, Athol, Mass.  
Gessner David, Worcester, Mass.  
Hunter James Machine Co. (Chinchilla  
Napping or Kifling), North Adams,  
Mass.  
McCreary Edw., Cohoes, N. Y.  
Parks & Woolson Machine Co., Spring-  
field, Vt.  
Smith James Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Stafford & Holt, Little Falls, N. Y.  
Woonsocket Napping Machinery Co.,  
Woonsocket, R. I.

#### 15296— Neck Marking Machines

Firsching John A., Utica, N. Y.  
Fisher-Knitting Machine Co., Utica, N. Y.  
Utica Novelty & Mill Specialty Co. (Elec-  
tric Headed), Utica, N. Y.

#### 15297— Needles (Comber)

Bragg John I., 24 Atwood, Providence,  
R. I.  
Crabb Wm. & Co., 3rd av, Newark, N. J.  
Townsend Thos., 157 Orange, Providence,  
R. I.

#### 15298— Needles (Knitting Machines)

Acme Knitting Machine & Needle Co.,  
Franklin, N. H.  
Adams G. H. Co., Hill, N. H.  
Beckert Needle & Supply Co., 4929 Green,  
Phila., Pa.  
Brinton H. Co., 213 Race, Phila., Pa.  
Cooper Chas. (Est. of), Bennington, Vt.  
Corey Wm. Co., Manchester, N. H.  
Currier Needle Co., Manchester, N. H.  
**EXCELSIOR NEEDLE CO.** ("Standard",  
Latch), Torrington, Conn.  
*See adv index at end of book*  
Ives Loyal T. Co., New Brunswick, N. J.  
Laconia Needle Co., Laconia, N. H.  
Lydall H. & Foulds, Manchester, Conn.  
Manufacturers' Supplies Co., Juniper &  
Cherry, Phila., Pa.  
Page Needle Co., Chicapee Falls, Mass.

Potter Fred J. (Spring Beard), New  
Brunswick, N. J.  
Wardwell Needle Co. ("Excelsior"), Lake-  
port, N. H.

#### 15299— Needles (Latch)

Acme Knitting Machine & Needle Co.,  
Franklin, N. H.  
Adams Geo. H. Co., Hill, N. H.  
Continental Latch Needle Co. ("Heaton"),  
120 Liberty, New York  
Cooper Chas. (Est. of), Bennington, Vt.  
Corey Wm. Co., Manchester, N. H.  
Crane Mfg. Co., Lakeport, N. H.  
**EXCELSIOR NEEDLE CO.** ("Standard"),  
Torrington, Conn.  
*See adv index at end of book*  
Franklin Needle Co., Franklin, N. H.  
Keystone Latch Needle Co. (Spring Bot-  
tom), 543 W Lehigh av, Phila., Pa.  
Laconia Needle Co., Laconia, N. H.  
Lamb Knitting Machine Co., Chicopee  
Falls, Mass.  
Page Needle Co., Chicopee Falls, Mass.

#### 15300— Needles (Sewing Machine)

Excelsior Needle Co., Torrington, Conn.  
*See adv index at end of book*  
National Sewing Machine Co., Belvidere,  
Ill.  
Singer Sewing Machine Co., 149 B'way,  
New York  
Thornton John Jr. ("Jas. Smith & Son,"  
"Cleopatra" Imp.), 108 Worth, New  
York

#### 15301— Needles (Spring Knitting)

American Spring Needle Works, New  
Britain, Conn.  
Breedon's Wm. Son, Amsterdam, N. Y.  
Cooper Chas. (Est. of), Bennington, Vt.  
Crane Bros., Westfield, Mass.  
Crane Mfg. Co., Lakeport, N. H.  
Ives Loyal T. Co., New Brunswick, N. J.  
Lydall H. & Foulds, Manchester, Conn.

#### 15302— Openers & Feeders (Wool Washer)

Harwood Geo. S. & Son, 53 State, Boston,  
Mass.

#### 15303-4— Openers & Lappers (Cotton)

Birch Bros. (Conical Openers), Somerville,  
Mass.  
Leigh & Butler ("Platt"), 232 Summer,  
Boston, Mass.  
Potter & Johnston Machine Co., Paw-  
tucket, R. I.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston,  
Mass.  
Smith & Furbush Machine Co., Hancock  
& Somerset, Phila., Pa.  
Whitin Machine Works, Whitinsville, Mass.

#### Overseaming Machines

*See Sewing Machines*

#### 15305— Oxidizing Machines

Philadelphia Drying Machinery Co., 6721  
Germantown av, Phila., Pa.

#### 15306— Padding Machines

Butterworth H. W. & Sons Co., 2415 E  
York, Phila., Pa.  
Textile Finishing Machinery Co., 171 West-  
minster, Providence, R. I.  
Watson Machine Co., Paterson, N. J.

#### 15307— Piano Machines

Royle John & Sons (Jacquard Card), Pat-  
erson, N. J.

#### 15308— Picker Leather

American Supply Co., 135 Washington,  
Providence, R. I.  
Billington Jas. H. Co. (Imp.), 113 Chest-  
nut, Phila., Pa.  
Bond Chas. Co. (Imp.), 520 Arch, Phila.,  
Pa.  
Chicago Rawhide Mfg. Co. (Rawhide),  
1301 Elston av, Chicago, Ill.  
Coupe Wm. Co. (Ltd.), ("Excelsior" Raw  
Hide), S Attleboro, Mass.  
Foulds I. & Son, Hudson, Mass.  
Groezinger's G. Sons ("Helvetia"), Lan-  
caster, Pa.  
Holbrook Raw Hide Co. ("Tenax"), 748  
N Main, Providence, R. I.  
Houghton E. F. & Co. ("Vim"), 240 W  
Somerset, Phila., Pa.

Norwich Belt Mfg. Co. ("Tan-Bo" Raw-  
hide), Norwich, Conn.  
Page Belting Co., Concord, N. H.  
Pechin Belting Co., Fairmount & Front,  
Phila., Pa.  
Shultz Belting Co., Bismarck & Barton,  
St. Louis, Mo.  
Van Riper Mfg. Co., Paterson, N. J.

#### 15309— Picker Parts

Crabb Wm. & Co., 3d av, Newark, N. J.  
Dodge Chas. C., Lowell, Mass.

#### 15310— Picker Pins

Bagshaw W. H. (Est. of), Lowell, Mass.  
Dodge C. S. (Hot Forged), Lowell, Mass.  
Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

#### 15311— Picker Sticks

Brusher J. B., Norristown, Pa.  
Keith J. M. & Co. (Hickory), Eastford,  
Conn.  
Loveland, L. H. Co., Rumney, N. H.  
Nashua Spool & Bobbin Co. (Hickory),  
Grove Hall Station, Boston, Mass.  
**STILES H. A. & CO.** (Wood), 93-97 Oliver  
Boston, Mass. *See adv index at end of book*  
Strock L. W. & Co., Bethlehem, Pa.  
Tatem J. B. & Son, Putnam, Conn.  
Torrey Bros. Co., Central Village, Conn.  
Warlick & Sherrill Co., Granite Falls,  
N. C.

#### 15312— Picker Teeth

Crabb Wm. & Co., 3d av, Newark, N. J.  
Keystone Drop Forge Works, Chester, Pa.

#### 15313— Pickers (Burr)

Brown Cotton Gin Co. ("Parkhurst"), New  
London, Conn.  
Curtis & Marble Machine Co. ("Goddard,"  
"Parkhurst"), Worcester, Mass.  
Sargent's C. G. Sons Corp., Graniteville,  
Mass.  
Smith James Woolen Machinery Co., Han-  
cock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co., Hancock &  
Somerset, Phila., Pa.

#### 15314— Pickers (Cotton)

Clark Machine & Fdy. Co., Franklin, Mass.  
Curtis & Marble Mach. Co., Worcester,  
Mass.  
Garland Mfg. Co., Saco, Me.  
Potter & Johnston Mach. Co., Pawtucket,  
R. I.  
Saco-Lowell Shops, 77 Franklin, Boston,  
Mass.  
Schofield Wm. C., Krams ab. Wilde, Phila.,  
Pa.  
Smith & Furbush Machine Co. ("Fur-  
bush"), Hancock & Somerset, Phila.,  
Pa.  
Whitin Mach. Works, Whitinsville, Mass.

#### 15315— Pickers (Cotton Filled)

Wilkins Mfg. Co., Woonsocket, R. I.

#### 15316— Pickers (Hair)

Curtis & Marble Machine Co. ("Atlas"),  
Worcester, Mass.  
Ehram J. B. & Sons' Mfg. Co., Enter-  
prise, Kans.  
Harrington Geo. S. Co., 77 Washington,  
No. Boston, Mass.  
Smith & Furbush Machine Co. (Improved  
Opener & Cleaner), Hancock & Somers-  
et, Phila., Pa.  
Willcomb Geo. Co. ("Prize"), 60 Chardon,  
Boston, Mass.

#### 15317— Pickers (Loom)

Akron Belting Co. (Leather), Akron, O.  
American Supply Co. (Leather), 135  
Washington, Providence, R. I.  
Barlow John W. Co., Lawrence, Mass.  
Billington Jas. H. Co., 113 Chestnut, Phila.,  
Pa.  
Brown Bros. Co., 62 Exchange pl, Provi-  
dence, R. I.  
Coupe Wm. Co. (Ltd.), So. Attleboro,  
Mass.  
Crane Bros., Westfield, Mass.  
Crompton & Knowles Loom Works,  
Worcester, Mass.  
Garland Mfg. Co., Saco, Me.  
Holbrook Raw Hide Co. (Rawhide), 748  
N Main, Providence, R. I.  
Hudson Belting Co. (Leather), 3 Eaton  
pl, Worcester, Mass.



Jacobs E. H. Mfg. Co. ("Northrop," "XXCY," "Surpass WX," "B. G. D." "Daisy"), Danielson, Conn.  
 Kimball L. S. (Leather), Lowell, Mass.  
 Milliken W. & Son, Franklin, Mass.  
 Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.  
 Union Belt Co., Fall River, Mass.  
 Whitin Machine Works ("Atherton"), Whitinsville, Mass.

## 15318— Pickers (Mixing)

Brown Cotton Gin Co., New London, Conn.  
 Clark Machine & Foundry Co., Franklin, Mass.  
 Curtis & Marble Machine Co. ("Atlas," "Fearnought"), Worcester, Mass.  
 Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

## 15319—Pickers (Rag or Shoddy)

Brierly-Lombard Co., Worcester, Mass.  
 Clark Machine & Fdry. Co., Franklin, Mass.  
 Curtis & Marble Machine Co., Worcester, Mass.  
 Dodge C. S., Lowell, Mass.  
 Gerry Geo. & Son, Athol, Mass.  
 Lombard Machine Co., Worcester, Mass.  
 Schofield Wm. Co., Krams ab. Wilde, Phila., Pa.  
 Smith James Woolen Machinery Co., Hancock & Somerset, Phila., Pa.  
 Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.

## 15320—Pickers &amp; Cleaners (Stock)

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.

## 15321— Pins (Cast Steel)

Hood R. H. Co. ("English"), 1842 Germantown av., Phila., Pa.

## 15322—Plaiting &amp; Fluting Machines

Ahlstrom O. J., 711 B'way, New York  
 Durbrow & Hearne Mfg. Co., 12 Wooster, New York  
 Lindner & Vradenburgh, 239 Centre, New York

## 15323— Press Papers &amp; Boards

Case Brothers, Highland Park, Conn.  
**HEWITT C. B. & BROS., 49 Beekman,** New York. *See adv index at end of book*  
 Merwin Paper Co., Hartford, Conn.  
 Rogers Paper Mfg. Co., South Manchester, Conn.  
 Wolf Bros., 330 N 12th, Philadelphia, Pa.

## 15324— Pressers &amp; Flyers

Baker Mach. Co., New Bedford, Mass.

## 15324a— Presses (Baling Cloth)

**BOOMER & BOSCHERT PRESS CO., 379** West Water, Syracuse, N. Y.  
*See adv index at end of book*

## 15325— Presses (Cloth)

Hydraulic Press Mfg. Co., Mt. Gilead, O.  
 Spence & Rideout (Power Presses with Hollow Seam Plates & Connections), Nashua, N. H.

## 15326—Presses (Cloth, Rotary Steam)

Curtis & Marble Machine Co., Worcester, Mass.  
 Fisher Knitting Machine Co., Utica, N. Y.  
 Hart Chas., Plum & Hedge, Phila., Pa.  
 Voelker Geo. W. & Co., Woonsocket, R. I.  
 Woonsocket Mach. & Press Co., Woonsocket, R. I.

## 15327— Presses (Knit Goods)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.

## 15328— Presses (Steam)

*See Presses, Cloth, Rotary Steam*

## 15329—Pumicing Machines (Worsted)

Curtis & Marble Machine Co., Worcester, Mass.

## 15330— Quillers

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
 Atwood Machine Co., Stonington, Conn.

Crompton & Knowles Loom Works, Worcester, Mass.

Eastwood Benj. Co. ("Silk"), Paterson, N. J.

Foster Machine Co., Westfield, Mass.

Lever, Oswald Co. (Cross Traverse), 13th & Cumberland, Phila., Pa.

North Chelmsford Machine & Supply Co. (Yarn), North Chelmsford, Mass.

Payne Geo. W. & Co. (Upright), Pawtucket, R. I.

Rhode Island Braiding Machine Co., 223 Aborn, Providence, R. I.

Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.

Whitin Machine Works ("Long Chain"), Whitinsville, Mass.

Whitinsville, Mass.

## 15331— Quills

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.

Hall I. A. Estate of, Paterson, N. J.

Ulrich Co., Paterson, N. J.

Walder Jacob, Paterson, N. J.

## 15332— Railway Heads

Fall River Foundry & Machine Co., Fall River, Mass.

Mason Machine Works, Taunton, Mass.

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Whitin Machine Works, Whitinsville, Mass.

## 15333— Rashel Machines

Grosser Knitting Machine Co., 260 W B'way, New York

Spindler E. O. (Imp), 350 B'way, New York

## 15334— Ravelers

American Raveller Co., Philmont, N. Y.

Brown E. H. Mfg. Co., Troy, N. Y.

## 15336— Reeds

Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.

American Supply Co. (Loom), 135 Washington, Providence, R. I.

Andrews' Loom Reed Harness Works, Spartanburg, S. C.

Baldwin Jas. Co., Manchester, N. H.

Benazet Heddle Co. (Ltd.), 500 W Girard av., Philadelphia, Pa.

Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.

Carruthers Robt. Co., Lowell, Mass.

Crabb William & Co., 3d av, Newark, N. J.

Emmons Loom Harness Co., Lawrence, Mass.

Excelsior Loom Reed Works, Pawtucket, R. I.

Fearnley Arthur J., Fall River, Mass.

Gibbs Loom, Harness & Reed Co., Clinton, Mass.

Goss J. & E., Fall River, Mass.

Gowdey J. A. Reed & Harness Mfg. Co., 1226 N Main, Providence, R. I.

Hall I. A. Estate of, Paterson, N. J.

Hayes Loom, Reed & Harness Co., Woonsocket, R. I.

Heywood Bros. & Wakefield Co., Gardner, Mass.

Larkin Reed Co., Danielson, Conn.

Luther Reed Mfg. Co., Fall River, Mass.

McGregor & Sons, Fall River, Mass.

Paterson Reed & Harness Co., Paterson, N. J.

Sawyer Geo. F. & Son, Saco, Me.

Schmidt H. E. & Co. (Loom), New Bedford, Mass.

Southern Card Clothing & Reed Co., Charlotte, N. C.

Ulrich Co., Paterson, N. J.

Walder J., Paterson, N. J.

Walker Mfg. Co., Kensington & Ontario, Philadelphia, Pa.

Whitaker Reed Co., Worcester, Mass.

Wilkins Mfg. Co., Woonsocket, R. I.

Williams J. H. Co. (Loom), Millbury, Mass.

## 15337— Reel Cabling Machines

New England Butt Co., 304 Pearl, Providence, R. I.

## 15338— Reels

Altamus Jacob K., 2824 N 4th, Phila., Pa.

Draper Corp., Hopedale, Mass.

Firth Wm. ("Stubbs"), 200 Devonshire, Boston, Mass.

Hopedale Mfg. Co., Milford, Mass.

Lever Oswald Co., 13th & Cumberland, Philadelphia, Pa.

Lindsay, Hyde & Co., 2130 E York, Phila., Pa.

Luther C. A. & Co. (Thread & Yarn), Pawtucket, R. I.

North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Scott Henry L. & Co. (Roving), 101 Blackstone, Providence, R. I.

Sipp Machine Co. (Power), Paterson, N. J.

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

Whitin Machine Works, Whitinsville, Mass.

Whitinsville, Mass.

## 15339—Reels (Skelning &amp; Measuring)

Rhode Island Braiding Machine Co., 223 Aborn, Providence, R. I.

## 15340— Reels (Testing)

Sipp Machine Co., Paterson, N. J.

## 15341— Reels (Yarn)

Brown & Sharpe Mfg. Co., Providence, R. I.

Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.

Firth Wm. (Goodbrandt & Co.), 200 Devonshire, Boston, Mass.

Lever Oswald Co., 13th & Cumberland, Philadelphia, Pa.

Luther C. A. & Co., Pawtucket, R. I.

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

Whitin Machine Works, Whitinsville, Mass.

Whitinsville, Mass.

## 15342— Regulators (Evener)

Saco-Lowell Shops ("Britton"), 77 Franklin, Boston, Mass.

## 15343—Rib Cutting &amp; Folding Machines

Cooper Chas. (Est. of), (Automatic), Bennington, Vt.

## 15344— Roll Coverers

Aubertin Jos. F., New Bedford, Mass.

Barlow Jno. W. Co., Lawrence, Mass.

Bridge Jno., Chester, Pa.

Cummings Geo. & Son, Fall River, Mass.

Davis & McLane Mfg. Co., Fall River, Mass.

Dickey Belting Co., Lewiston, Me.

Godfrey E. J. Co., North Adams, Mass.

Godfrey & Bolger, Adams, Mass.

Hathaway O. H. Co., Central Falls, R. I.

Holyoke Machine Co., Holyoke, Mass.

Hood R. H. Co., 1842 Gtn. av, Phila., Pa.

Houghton E. F. & Co. ("Vici Leather"), 240 Somerset, Phila., Pa.

Lakey C. T., Georgiaville, R. I.

McLanathan F. W. & Son, Lawrence, Mass.

Marsland James, Lawrence, Mass.

North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

Pechin Belting Co., Fairmount & Front, Philadelphia, Pa.

Rowton H. A., Fitchburg, Mass.

Skinner C. E. & J. F., Valley Falls, R. I.

Tripp Jno. & Co., Lowell, Mass.

Turner J. S. Mfg. Co., Lowell, Mass.

Union Belt Co., Fall River, Mass.

Wainwright R., Westpoint, Ga.

Wetherell Orrin B. & Son Fall River, Mass.

## 15345— Roll Coverers' Tools

American Supply Co., 135 Washington, Providence, R. I.

Dennis John Machine Co., Lowell, Mass.

## 15346—Roller Covering Machines

Turner J. S. Mfg. Co. ("Turner's" Worsted), Lowell, Mass.

## 15347— Roller Leather

English C. R. Co., 301 Congress, Boston, Mass.

Foulds I. & Son, Hudson, Mass.

Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.

North Chelmsford Machine & Supply Co., North Chelmsford, Mass.

## 15348— Roller Skins

American Supply Co., 135 Washington, Providence, R. I.

Firth Wm. (Kershaw & Sons), 200 Devonshire, Boston, Mass.



Spencer Wilton H. (Imported English), 11 Exchange pl, Providence, R. I.  
Stone C. Moulton Co., 456 Benefit, Providence, R. I.

#### 15349—Rollers (Copper Printing)

Taunton-New Bedford Copper Co., Taunton, Mass.  
Textile Finishing Machy Co., 171 Westminster, Providence, R. I.

#### 15350—Rolls (Card Feed)

See also Feeds  
Adams J. T., Lowell, Mass.  
Curtis & Marble Machine Co., Worcester, Mass.  
Fall River Fdry. & Mach. Co., Fall River, Mass.  
Harwood Geo. S. & Son, 53 State, Boston, Mass.  
Hood R. H. Co. ("Harding's" Intersecting"), 1842 Gtn. av, Phila., Pa.  
Smith & Furbush Machine Co. (Metallic), Hancock & Somerset, Phila., Pa.  
Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.

#### 15351—Rolls (Fluted)

Leigh & Butler, 232 Summer, Boston, Mass.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y. *See adv index at end of book*  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Thurston A. G. & Son, Fall River, Mass.  
Whitin Machine Works, Whitinsville, Mass.

#### 15352—Rolls (Metallic Drawing)

Metallic Drawing Roll Co., Indian Orchard, Mass.

#### 15353—Rolls (Temple)

Draper Corp., Hopedale, Mass.  
Hopedale Mfg. Co., Milford, Mass.

#### 15354—Rotary Gills

Bagshaw W. H. (Est. of), Lowell, Mass.

#### 15355—Rovers & Reducers

Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.

#### 15356—Saddles (Lubricating)

Dixon Lubricating Saddle Co., Bristol, R. I.

#### 15357—Saddles & Fixtures (Tension)

**ARGUTO-OILLESS BEARING CO.** ("Arguto") for Cotton & Wooden Spinning Frames), Wayne Junction, Phila., Pa.  
*See adv index at end of book*

#### 15358—Sample Card Machines

American Numbering Machine Co. (Numbering), 224 Shepherd av, Brooklyn, N. Y.

#### 15359—Sanding Machines

Curtis & Martin Machine Co. (Club), Worcester, Mass.  
Parks & Woolson Mich. Co., Springfield, Vt.

#### 15360—Scales (Band Tension)

Draper Corp., Hopedale, Mass.

#### 15361—Scales (Dramming)

Sipp Machine Co., Paterson, N. J.

#### 15362—Scales (Garment, Lever Balance)

Sweet & Doyle, Cohoes, N. Y.

#### 15363—Scales (Yarn)

Fairbanks Co., 416 Broome, New York  
Sipp Machine Co., Paterson, N. J.  
Sweet & Doyle, Cohoes, N. Y.

#### 15364—Scallop Machines

Marrow Machine Co., Hartford, Conn.  
National Automatic Knitter Co., 2725 Mutter, Philadelphia, Pa.

#### 15365—Scarving Machines

Luther C. A. & Co., Pawtucket, R. I.

#### 15366—Scouring Machines (Wool)

Hunter James Machine Co., North Adams, Mass.  
Klauder-Weldon Machine Co., Amsterdam, N. Y.  
Riley C. E. Co., 65 Franklin, Boston, Mass.

**Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.**

#### 15367—Scouring Machines (Yarn)

Lorimer Machinery Co., Ontario & Lawrence, Phila., Pa.  
Phila. Drying Machinery Co. ("Hurricane"), 6721 Gtn. av, Phila., Pa.

#### 15368—Screens (Card)

New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.

#### 15369—Scutchers

Birch Bros., Somerville, Mass.  
Leyland Thomas & Co., Readville, Boston, Mass.  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

#### 15370—Separators (Spinning Frame)

Draper Corp. ("Rhoades - Chandler"), Hopedale, Mass.

#### 15371—Separators (Yarn)

Draper Corp., Hopedale, Mass.

#### 15372—Shearing Machines (Textile)

Curtis & Marble Machine Co., Worcester, Mass.  
Parks & Woolson Machine Co., Springfield, Vt.

#### 15373—Shearing & Brushing Machine (Combined)

Curtis & Marble Machine Co., Worcester, Mass.

#### 15374—Shoddy Machinery

Riley C. E. Co., 65 Franklin, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

#### 15375—Shuttle Blocks

Cox J. Elwood, Highpoint, N. C.  
Willingham E. G., Memphis, Tenn.  
Wood A. C., Advance, N. C.

#### 15376—Shuttle Eyes

Mitchell-Bissell Co., 251 4th av, New York

#### 15377—Shuttle Guards

Crompton & Knowles Loom Works, Worcester, Mass.  
Draper Corp. ("Sullivan"), Hopedale, Mass.

#### 15378—Shuttle Irons

Chase F. A. & Co., 253 W Exchange, Providence, R. I.  
Dudley D. T. & Son Co., Wilkinsons ville, Mass.  
Litchfield Shuttle Co., Southbridge, Mass.  
Marble E. W. & Co., Wilkinsons ville, Mass.  
Richardson & Bottomley, West Mansfield, Mass.  
Woonsocket Shuttle Co., Woonsocket, R. I.

#### 15378a—\*Shuttle Straps

Victor-Balata & Textile Belting Co. ("Victor-Balata"), 38 Murray, New York

#### 15379—Shuttle Threaders

Lahue M. M. & Co., 107 Cushing, Lowell, Mass.

#### 15380—Shuttles

Allentown Reed Harness & Mill Supply Co., Allentown, Pa.  
American Shuttle Co. (Sales Agents), Exchange bldg, Boston, Mass.  
American Supply Co., 135 Washington, Providence, R. I.  
Billington Jas. H. Co., 113 Chestnut, Philadelphia, Pa.  
Dudley D. T. & Son Co., Wilkinsons ville, Mass.  
Dudley S. A., Taunton, Mass.  
Hakes H. W. Mfg. Co., Millbury, Mass.  
Hall I. A. Estate of, Paterson, N. J.  
Leigh & Butler ("Wilson Bros."), 232 Summer, Boston, Mass.  
Litchfield Shuttle Co., Southbridge, Mass.  
Lowell Shuttle Co., Lowell, Mass.  
New Bedford Shuttle Co., New Bedford, Mass.  
Norris Brothers, Greenville, S. C.  
Sergeson R. & Co., Palmer & Tulip, Philadelphia, Pa.

Shambow Shuttle Co., Woonsocket, R. I.  
Taunton Spindle Co., Taunton, Mass.  
Ulrich Co., Paterson, N. J.  
Union Shuttle Co., Lawrence, Mass.  
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.  
Walder Jacob, Paterson, N. J.  
Watson L. S. Mfg. Co., Leicester, Mass.  
Williams J. H. Co., Millbury, Mass.  
Woonsocket Shuttle Co., Woonsocket, R. I.

#### 15381—Silk Machinery

Atwood Machine Co., Stonington, Conn.  
Brigham Arthur A., 17 Milk, Boston, Mass.  
Butterworth H. W. & Sons Co., (Finishing) 2415 E York, Philadelphia, Pa.  
Cavagnaro Jno. J. (Silk Finishers), Harrison, N. J.  
Crompton & Knowles Loom Works ("Weaving"), Worcester, Mass.  
Eastwood Benj. Co., Paterson, N. J.  
Hakemeyer Machine Co., Paterson, N. J.  
Kilburn Lincoln Machine Co., Fall River, Mass.  
Knapp C. H., Waite & Rye, Paterson, N. J.  
Mason Machine Works, Taunton, Mass.  
National Mill Supply Co., Paterson, N. J.  
New England Butt Co. (Silk Covering), 304 Pearl, Providence, R. I.  
Schaum & Uhinger, 2nd & Glenwood av, Philadelphia, Pa.  
Sipp Machine Co., Paterson, N. J.  
Stafford Co., Readville, Mass.  
Textile Finishing Machinery Co. (Finishing), 171 Westminster, Providence, R. I.  
Willimantic Machine Co., Willimantic, Conn.

#### 15382—Singe Plates

Birch Bros., Somerville, Mass.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Taunton-New Bedford Copper Co., Taunton, Mass.  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

#### 15383—Singeing Machines

Birch Bros., Somerville, Mass.  
Butterworth H. W. & Sons Co., 2415 E York, Philadelphia, Pa.  
Curtis & Marble Machine Co. (Gas), Worcester, Mass.  
Eastwood Benj. Co. (Gas), Paterson, N. J.  
Hussa Theo. F. (Electric), 50 Church, New York  
Knapp C. H. c Waite & Rye, Paterson, N. J.  
Leigh & Butler, 232 Summer, Boston, Mass.  
New England Butt Co., 304 Pearl, Providence, R. I.  
Philadelphia Drying Machinery Co. ("Hurricane," Automatic, Hagar Type), 6721 Gtn. av, Phila., Pa.  
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.  
Skevington H. & Co. (Hosiery), 1610 N Philip, Philadelphia, Pa.  
Smith Drum & Co., Allegheny av & 4th, Philadelphia, Pa.  
Textile Finishing Mach'y Co., 171 Westminster, Providence, R. I.  
Watson Machine Co., Paterson, N. J.

#### 15384—Sinkers (Silk)

Cooper Chas. (Est. of), Bennington, Vt.

#### 15385—Sizing Machines

American Clay Working Mach. Co., S Walnut, Bucyrus, O.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Textile Finishing Machinery Co. (Cloth & Yarn), 171 Westminster, Providence, R. I.

#### 15386—Skewers

Fall River Bobbin & Shuttle Co., Fall River, Mass.  
Fall River Fdry. & Mach. Co., Fall River, Mass.  
Payne Geo. W. & Co. (Cop), Pawtucket, R. I.  
U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.  
Weld Bobbin & Spool Co., Lawrence, Mass.  
Woodstock Mfg. Co., Charleston, S. C.

#### 15387—Slashers

Cohoes Iron Foundry & Machine Co. ("Cohoes" Cylinder & Hot Air), Cohoes, N. Y.



Entwistle T. C. Co., Lowell, Mass.  
 Fearnley Arthur J., Fall River, Mass.  
 Leigh & Butler, 232 Summer, Boston, Mass.  
 Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Textile Finishing Machinery Co. (Cylinder), 171 Westminster, Providence, R. I.

### 15388—Slashers (Steam, Exhausting Apparatus for)

**STURTEVANT B. F. CO., ("Sturtevant")**  
 15 Damon Hyde Park, Boston, Mass.  
*See adv index at end of book*

### 15389—Slubbing Machines

See also Frames, Slubbing

Klauder-Weldon Machine Co., Amsterdam, N. Y.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Whitin Machine Works, Whitinsville, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

### 15390—Soaping Machines

Birch Bros. (Open), Somerville, Mass.  
 Butterworth H. W. & Sons Co. (Open), 2415 E York, Phila., Pa.  
 Hunt Rodney Machine Co., Orange, Mass.  
 Textile Finishing Machinery Co. (Open), 171 Westminster, Providence, R. I.  
 Watson Machine Co. (For Silk), Paterson, N. J.

### Soaps (Textile)

See Mill Soaps

### 15391—Speeders (Cotton)

Saco-Lowell Shops, 77 Franklin, Boston, Mass.

### Spindle Banding

See Braided Banding; also Spindle Hook Bands

### 15392—Spindle Bolsters

Payne Geo. W. & Co., Pawtucket, R. I.  
 Piqua Handle & Mfg. Co., Piqua, O.

### 15393—Spindle Hook Bands

American Textile Banding Co., Marshall & Hunting pk, Phila., Pa.  
 Binns Patent Band Co., 1842 Germantown av, Phila., Pa.  
 Frost Geo. T. & Sons, Paterson, N. J.  
 Hodson John M., Boone & Markle, Philadelphia, Pa.  
 Young John B., J. & Levick, Phila., Pa.

### 15394—Spindle Tubes (Worsted)

Riley C. E. Co., 65 Franklin, Boston, Mass.

### 15395—Spindles

Bamford & Smith Co., 9 Culver, Providence, R. I.  
 Calder Machine Works, 420 E 3rd, Phila., Pa.  
 Dann Bros. & Co., New Haven, Conn.  
 Draper Corp. ("Rabbeth" Centrifugal Clutch), Hopedale, Mass.  
 Easton & Burnham Machine Co. (High Speed), Pine, Pawtucket, R. I.  
 Ellsworth Hardwood Co. (Wood of All Varieties), Ellsworth, Me.  
 Firth Wm. ("Clapham, Smith & Co.'s"), 200 Devonshire, Boston, Mass.  
 Hall F. A. & P., Lawrence, Mass.  
 Hall I. A. Estate of, ("Cant Slip"), Paterson, N. J.  
 Hartson L. M. Co. (Winder), N Windham, Conn.  
 Lever Oswald Co. (Horizontal, Driven by Belts), 13th & Cumberland, Philadelphia, Pa.  
 National-Acme Mfg. Co. ("Gridley" Automatic), 7500 Stanton av, S E, Cleveland, O.  
 Payne Geo. W. & Co., Pawtucket, R. I.  
 Prue Frank J. (For Cop Yarn Winding), Woonsocket, R. I.  
 Taunton Spindle Co., Taunton, Mass.  
 U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.  
 Wescott A. A. & Sons, Hopedale, Mass.  
 Whitin Machine Works, Whitinsville, Mass.  
 Wisconsin Textile Mfg. Co., Two Rivers, Wis.

### 15397—Spindles (Dresser)

Payne Geo. W. & Co., Pawtucket, R. I.

### 15398—Spindles (Reel)

Payne Geo. W. & Co., Pawtucket, R. I.

### 15399—Spindles (Shuttle)

Chase F. A. & Co., 253 W Exchange, Providence, R. I.

### 15400—Spindles (Spooler)

Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.  
 Payne Geo. W. & Co., Pawtucket, R. I.

### Spinning Machinery

See Frames, also Mules

### 15401—Spinning Machinery (Jute)

Brownell G. L. (Heavy Cotton Yarn), Worcester, Mass.  
 Watson Machine Co., Paterson, N. J.

### 15402—Spinning Rings

Brown Bros. Co., 62 Exchange pl, Providence, R. I.  
 Draper Corp. ("Mirror"), Hopedale, Mass.  
 Hall F. A. & P., Lawrence, Mass.  
 National Ring Traveler Co., 257 W Exchange, Providence, R. I.  
 Pawtucket Spinning Ring Co., Pawtucket, R. I.  
 Whitinsville Spinning Ring Co., Whitinsville, Mass.

### 15403—Spinning Tubes

American Paper Tube Co. (Paper), Woonsocket, R. I.  
 Bamford & Smith Co., 9 Culver, Providence, R. I.  
 Hall F. A. & P., Lawrence, Mass.

### 15404—Splicing Machines

Brigham Arthur A., 49 Milk, Boston, Mass.

### 15405—Spool Stranding Machines

New England Butt Co., 304 Pearl, Providence, R. I.

### 15406—Spooler Guides

Draper Corp. ("Northrop," "Lawrence," "MacColl"), Hopedale, Mass.  
 Grammes L. F. & Sons Co., Allentown, Pa.  
 Payne Geo. W. & Co., Pawtucket, R. I.

### 15407—Spoolers (Cotton)

Altamus Jacob K., 2824 N 4th, Philadelphia, Pa.  
 Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
 Draper Corp., Hopedale, Mass.  
 Easton & Burnham Machine Co., Pine, Pawtucket, R. I.  
 Foster Machine Co., Westfield, Mass.  
 Lever, Oswald Co., 13th & Cumberland, Philadelphia, Pa.  
 Lyall J. & W., Passaic, N. J.  
 Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
 Smith Jas. Woolen Machy. Hancock & Somerset, Philadelphia, Pa.  
 Warp Compressing Machine Co., Worcester, Mass.  
 Whitin Machine Works, Whitinsville, Mass.

### 15408—Spoolers (Doubling)

Payne Geo. W. & Co., Pawtucket, R. I.

### 15409—Spoolers (Dresser)

Altamus Jacob K., 2824 N 4th, Philadelphia, Pa.  
 Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.  
 Foster Machine Co., Westfield, Mass.  
 Lever Osw. Co., 13th & Cumberland, Philadelphia, Pa.  
 Lindsay, Hyde & Co., 2130 E York, Phila., Pa.  
 Smith & Furbush Machine Co. ("Furbush"), Hancock & Somerset, Phila., Pa.

### 15410—Spoolers (Woolen & Worsted)

Allen A. W., 2427 Mascher, Phila., Pa.  
 Altamus Jacob K., 2824 N 4th, Philadelphia, Pa.  
 Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.  
 Easton & Burnham Machine Co., Pine, Pawtucket, R. I.

Foster Machine Co., Westfield, Mass.  
 Hall F. A. & P., Lawrence, Mass.  
 Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.  
 Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.  
 Warp Compressing Machine Co., Worcester, Mass.

### 15411—Spoolers (Yarn)

Diamond Textile Machine Works, 1820 N 10th, Philadelphia, Pa.  
 Foster Machine Co., Westfield, Mass.  
 Lever Oswald Co., 13th & Cumberland, Phila., Pa.  
 Payne Geo. W. & Co., Pawtucket, R. I.

### Spooling Machines

See Spoolers

### 15412—Spools

See also Bobbins

Allen Spool & Printing Co., Mystic, Conn.  
 American Supply Co., 135 Washington, Providence, R. I.  
 Atwood Crawford Co., Pawtucket, R. I.  
 Avoca Mfg. Co., Avoca, N. Y.  
 Baldwin Jas. Co., Manchester, N. H.  
 Benazet Heddle Co. (Ltd.), 500 W Girard av, Philadelphia, Pa.  
 Bogert & Hopper (Cotton, Ribbon, Wire, etc), 67 Barclay, New York  
 Brown Bros. Co., 62 Exchange pl, Providence, R. I.  
 Brown Jas. Jr. & Sons, Ring & Main, Philadelphia, Pa.  
 Conway Lumber Co. (Pine & Hemlock), Conway, N. H.  
 Estes E. B. & Sons (Cotton Thread), 358 5th av, New York  
*See adv index at end of book*  
 Excelsior Bobbin & Spool Co., Newtown, Pa.  
 Fall River Bobbin & Shuttle Co., 821 Cambridge, Fall River, Mass.  
 Fall River Foundry & Machine Co., Fall River, Mass.  
 Frary Mfg. Co. (Printed), Charlemont, Mass.  
 Frary Spool Co., Berlin, N. Y.  
 Frost Geo. T. & Sons, Paterson, N. J.  
 Hamilton Bros. Co., Goffstown, N. H.  
 Hoffman J. C., 10 Jones, New York  
 Kline Lewis T. (Thread), Alpena, Mich.  
 Lestershire Spool & Mfg. Co. (Metal Protected), Lestershire, N. Y.  
 Macrodi Fibre Co. (Fibre), Woonsocket, R. I.  
 Nashua Spool & Bobbin Co. (All Kinds), Grove Hall Station, Boston, Mass.  
 Novelty Turning Co., Norway, Me.  
 Payne Geo. W. & Co., Pawtucket, R. I.  
 Schutz Bros., 71 W B'way, New York  
 Skillings Julius P., Bethel, Me.  
 Tebbets E. L. Spool Co., Locke Mills, Me.  
 Union Shuttle Co., Lawrence, Mass.  
 U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.  
 Van Riper Mfg. Co., Paterson, N. J.  
 Vermont Spool & Bobbin Co., Burlington, Vt.  
 Weatherhead, Thompson & Co., Pawtucket, R. I.  
 Weld Bobbin & Spool Co., Lawrence, Mass.  
 Williams J. H. Co., Millbury, Mass.  
 Wisconsin Textile Mfg. Co., Two Rivers, Wis.  
 Wonder Spool Co. (Fibre), 13 Wormwood, Boston, Mass.  
 Woodstock Mfg. Co., Charleston, S. C.

### 15413—Spools (Dresser, Steel Head)

Mossberg Frank Co., Attleboro, Mass.  
 Sweet & Doyle, Cohoes, N. Y.

### 15414—Spools (Jack, Steel Head)

Crandall G. H. Co., Cohoes, N. Y.  
 Mossberg Frank Co., Attleboro, Mass.  
 Sweet & Doyle ("S. & D."), Cohoes, N. Y.  
 U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.

### 15415—Spools (Silk Thread)

Atwood Crawford Co., Pawtucket, R. I.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.  
 Stowell N. S. & Co., Dixfield, Me.  
 Tebbets E. L. Spool Co., Locke Mills, Me.

### 15416—Spools (Warp)

Payne Geo. W. & Co., Pawtucket, R. I.  
 U. S. Bobbin & Shuttle Co. ("Boynton" Patent), 57 Eddy, Providence, R. I.



**15417— Sprinkling Machines**

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

**15418— Squeezers**

Birch Bros., Somerville, Mass.  
Textile Finishing Machinery Co. (Chemical, Sour & Water), 171 Westminster, Providence, R. I.  
Watson Machine Co., Paterson, N. J.

**15419— Stamping Machines**

Ready Mfg. Co. (Indelible Ink), Troy, N. Y.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.

**15420— Steaming Machines**

Birch Bros., Somerville, Mass.  
Curtis & Marble Machine Co. (Cloth), Worcester, Mass.  
Hunter James Machine Co., N Adams, Mass.  
Schuchardt & Schutte, 90 West, New York  
Textile Finishing Machinery Co. ("Rusden" Continuous Chainless), 171 Westminster, Providence, R. I.  
Tillotson Humidifier Co. (Yarn), 78 Fountain, Providence, R. I.

**15421—Stirrups & Levers (Cotton Machinery)**

Dixon Lubricating Saddle Co., Bristol, R. I.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

**15422—Stock Cleaners (Four Cylinder)**

Smith Jas. Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

**15423—Stock Oilers ("Spencer")**

Harwood Geo. S. & Son, 53 State, Boston, Mass.

**15424— Strapping Machines**

See also Sewing Machines

Union Button Sewing Co., 394 Atlantic av, Boston, Mass.

**15425— Stripping Machines**

Hussong Dyeing & Machine Co., Groverville, N. J.  
Leighton Machine Co. (Sweaters, Cardigans & Collarettes & Anklets), Manchester, N. H.  
Smith, Drum & Co., Allegheny av & 4th, Philadelphia, Pa.

**15425a— Surfacing (Steel)**

**ERDLE PERFORATING CO.** (For Cotton & Duck Mills), 181 York, Rochester, N. Y. See adv index at end of book

**15426— Sweep Sticks**

Brusher J. B., Norristown, Pa.

**15427— Tapes, Braids & Cords**

American Textile Banding Co. (Spinning Tape), Marshall & Hunting pk, Phila., Pa.  
Ansonia O. & C. Co., Ansonia, Conn.  
Atkins & Pearce Mfg. Co., 5th & Eggles-ton av, Cincinnati, O.  
Barber Mfg. Co. (Spinning Tapes), Lowell, Mass.  
Barlow John W. Co. (Spinning), Lawrence, Mass.  
Barton F. C., 65 Worth, New York  
Bibb Mfg. Co., Macon, Ga.  
Christ Bros. Mfg. Co. (Elastic Braids & Cords), 1303 Buttonwood, Phila., Pa.  
Friedberger-Aaron Mfg. Co., 18th & Courtland, Phila., Pa.  
Goff D. & Sons, Pawtucket, R. I.  
Glendale Elastic Fabrics Co. (Cords & Braids), Easthampton, Mass.  
Hamilton J. H. & Co., 25 White, New York  
Hoffman-Corr Mfg. Co., 312 Market, Philadelphia, Pa.  
Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.  
Hope Webbing Co. (Spinning Tapes), 1005 Main, Providence, R. I.  
Industrial Tape Mills Co., Jasper & Huntington, Phila., Pa.  
International Braid Co., 47 Charles, Providence, R. I.  
Kavanaugh Geo. W., Cohoes, N. Y.

Kenyon J. J. Mfg. Co., Pawtucket, R. I.  
Krout & Fite Mfg. Co., Allegheny av & Emerald, Phila., Pa.  
Lambeth Rope Corporation (Flat Braided Tapes), New Bedford, Mass.  
Martin Sidney (Braids & Cords), Chelsea, Mass.  
Mount Pleasant Banding Co., New Bedford, Mass.  
Narrow Fabric Co., Reading, Pa.  
Small Bros., Fall River, Mass.  
Weimar Bros., 2046 Amber, Phila., Pa.  
Wick Narrow Fabric Co., 931 Market, Phila., Pa.  
Wilkins Mfg. Co. (Plain & Fancy Tapes), Woonsocket, R. I.  
Young John B., J. & Levick, Phila., Pa.

**Temples**

See Loom Temples

**15427a— Tensions (Shuttle)**

**PARSONS SPECIALTY & MACHINE WORKS** (Silk), 2427 No 4th, Phila., Pa.

**15428— Tenter Clips**

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.  
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

**15429— Tentering Machines**

Birch Bros., Somerville, Mass.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Heathcote John & Son (For Woolens & Worsteds), 212 Eddy, Providence, R. I.  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.  
Winsor & Jerauld Mfg. Co., 223 Harrison, Providence, R. I.

**15430— Testers (Yarn)**

Draper Corp. (Moscrop Single Thread), Hopedale, Mass.

**15431—Testing Machines (Cloth)**

Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa.  
Scott Henry L. & Co., 101 Blackstone, Providence, R. I.  
Sipp Machine Co., Paterson, N. J.

**15432— Testing Machines (Silk)**

Sipp Machine Co., Paterson, N. J.

**15433—Testing Machines (Yarn)**

American Supply Co., 135 Washington, Providence, R. I.  
Firth Wm. (Goodbrandt Co.), 200 Devonshire, Boston, Mass.  
Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
Scott Henry L. & Co., 101 Blackstone, Providence, R. I.  
Sweet & Doyle, Cohoes, N. Y.

**15434— Textile Parts**

Worcester Pressed Steel Co., Worcester, Mass.

**15435— Thread Board (Steel)**

Houghton Mfg. Co., Worcester, Mass.

**15436— Thread Machinery**

Atwood Machine Co., Stonington, Conn.  
Willimantic Machine Co., Willimantic, Conn.

**15437— Tom-Toms (For Hosiery)**

Phila. Drying Machy. Co., 6721 Gtn. av, Phila., Pa.  
Utica Novelty & Mill Specialty Co., Utica, N. Y.

**15438— Trade-Mark Stamps**

Kaumagraph Co., 209 W 38th, New York

**15439— Traveler Cleaners**

Whitinsville Spinning Ring Co., Whitinsville, Mass.

**15440— Traveler Cups**

Whitinsville Spinning Ring Co., Whitinsville, Mass.

**15441-2— Travelers (Ring)**

American Supply Co., 135 Washington, Providence, R. I.  
Brown Bros. Co., 62 Exchange pl, Providence, R. I.  
Chase F. A. & Co., 253 W Exchange, Providence, R. I.  
Dary Ring Traveller Co., Taunton, Mass.  
**DE HAVEN MFG. CO.**, 50 Columbia Heights, Brooklyn, N. Y.  
Hartson L. M. Co. (& Bar), N Windham, Conn.  
National Ring Traveler Co., 257 W Exchange, Providence, R. I.  
Standard Ring Traveler Co., New Bedford, Mass.  
Sterling Ring Traveler Co., Fall River, Mass.  
U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.  
Victor Shaw Ring Traveler Co. ("Victor"), 23 Sabin, Providence, R. I.  
Whitaker Reed Co. ("Royal"), Worcester, Mass.

**Travelers (Spinning & Twisting)**

See Travelers, Ring

**15443— Twine Baling Machines**

Loyd Jno. Co., 558 Water, New York

**15444— Twisters (Carpet)**

Reed Mfg. Co. (Foot Power), Springfield, Ohio

**15445— Twisters (Cordage)**

Brownell G. L. Worcester, Mass.  
Lyall J. & W. Passaic, N. J.

**15446— Twisters (Cotton)**

Brownell G. L., Worcester, Mass.  
Collins Bros., Pawtucket, R. I.  
**Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.**  
Draper Corp., Hopedale, Mass.  
Haskell-Dawes Machine Co. (Also Jute), Boston, Mass.  
Pawtucket Spinning Ring Co., Pawtucket, R. I.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Whitin Machine Works, Whitinsville, Mass.

**15447— Twisters (Silk)**

Atwood Machine Co., Stonington, Conn.  
Brownell G. L., Worcester, Mass.

**15448— Twisters (Wool)**

Collins Bros., Pawtucket, R. I.  
Fales & Jenks Machine Co., Pawtucket, R. I.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Smith James Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.

**15449— Twisters (Yarn)**

Collins Bros., Pawtucket, R. I.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.

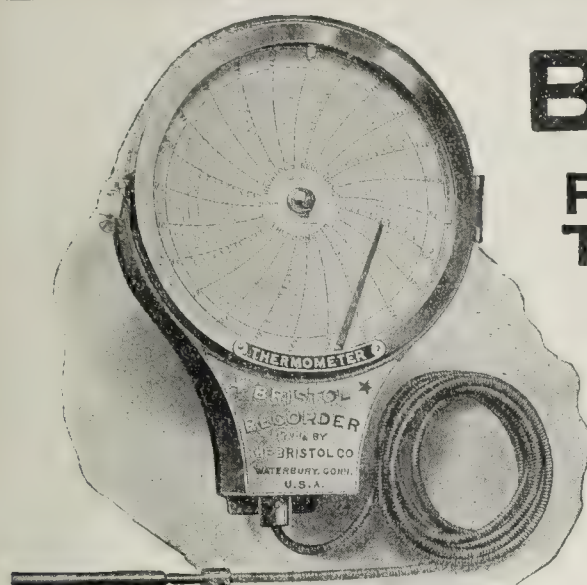
**15450— Warpers**

Altamus Jacob K., 2824 N 4th, Phila., Pa.  
American Warp Drawing Machine Co., 95 Milk, Boston, Mass.  
Atherton Fred L. Machine Co., Paterson, N. J.  
Gloves & Lining), Utica, N. Y.  
Atwood Machine Co., Stonington, Conn.  
Crompton & Knowles Loom Works, Worcester, Mass.  
Draper Corp. ("Hopedale"), Hopedale, Mass.  
Eastwood Benj. Co. (Silk & Lace, Horizontal & Swiss), Paterson, N. J.  
Entwistle T. C. Co., Lowell, Mass.  
Fisher Knitting Machine Co. (For Silk Knapp C. H., Paterson, N. J.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Royle John & Sons, Paterson, N. J.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Sipp Machine Co. (Silk, Horizontal & Swiss), Paterson, N. J.  
Smith & Furbush Mach. Co., Hancock & Somerset, Phila., Pa.  
Whitin Machine Works, Whitinsville, Mass.



- 15451— **Warpers (Leese)**  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
- 15452— **Warpers (Slasher)**  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
- 15453— **Warpers (Swiss Attachment)**  
Sipp Machine Co., Paterson, N. J.
- 15454— **Warpers & Linkers (Chain)**  
Draper Corp. ("Walcott"), Hopedale, Mass.
- 15455— **Warping Mills**  
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.
- 15456— **Warping Mills (Sectional)**  
Lever, Oswald & Co., 13th & Cumberland, Phila., Pa.  
Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.
- 15457— **Warps**  
Bibb Mfg. Co. (Spool, Carpet, etc), Macon, Ga.  
Dana Warp Mills, Westbrook, Me.  
Grant Yarn Co., Fitchburg, Mass.  
Greene & Daniels Co., Pawtucket, R. I.  
Hoffman-Corr Mfg. Co., 312 Market, Phila., Pa.  
Indian Orchard Co., Indian Orchard, Mass.  
Montgomery J. R. Co., Windsor Locks, Conn.  
Monument Mills, Housatonic, Mass.  
Plunkett W. C. & Sons (Cotton), Adams, Mass.  
Westport Mfg. Co. (Carpet), Fall River, Mass.
- 15458— **Washer & Fuller Combined**  
Hunt Rodney Machine Co., Orange, Mass.  
Hunter James Machine Co., North Adams, Mass.
- 15459— **Washers (Cloth)**  
Arlington Machine Works, Arlington Heights, Mass.  
Birch Bros., Somerville, Mass.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Hunt Rodney Machine Co., Orange, Mass.  
Hunter James Machine Co., North Adams, Mass.  
Philadelphia Drying Machinery Co., 6721 Germantown av, Phila., Pa.  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.  
Watson Machine Co., Paterson, N. J.
- 15460— **Washers (Warp)**  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
- 15461— **Washers (Wool)**  
Hunter James Machine Co., North Adams, Mass.  
Sargent's C. G. Sons Corp., Graniteville, Mass.  
Smith James Woolen Machy. Co., Hancock & Somerset, Philadelphia, Pa.  
Speed & Stephenson, 170 Summer, Boston, Mass.
- 15462— **Washers (Yarn)**  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
- 15463— **Waste Machines (Cotton)**  
Firth Wm. (Fatham & Co.'s), 200 Devonshire, Boston, Mass.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Smith & Furbush Machine Co. ("Shaughnessy"), Hancock & Somerset, Phila., Pa.
- 15464— **Waste Machines (Engine Cleaning)**  
Riley C. E. Co., 65 Franklin, Boston, Mass.
- 15465— **Waste Savers**  
Torrance Mfg. Co. ("Choquette"), Harrison, N. J.
- 15466— **Waste Silk Machinery**  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
- 15467— **Weaversknot Tyer**  
Edmonds Arthur B. Co., 180 Main, Pawtucket, R. I.
- Weaving Machinery**  
See Looms
- 15468— **Web Folding Machines**  
Grand Rapids Textile Machinery Co., Grand Rapids, Mich.
- 15469— **Wheels (Burr)**  
Cooper Chas. (Est. of), Bennington, Vt.
- 15470— **Willowing Machines (Wool)**  
Lombard Machine Co., Worcester, Mass.  
Riley C. E. Co., 65 Franklin, Boston, Mass.  
Sargent's C. G. Sons Corp., Graniteville, Mass.  
Smith James Woolen Machy. Co., Hancock & Somerset, Phila., Pa.  
Smith & Furbush Machine Co. ("Proctor"), Hancock & Somerset, Phila., Pa.
- 15471— **Winders**  
See also Sub-divisions of this Head  
Allen A. W. (Yarn), 2427 Mascher, Phila., Pa.  
Altemus Jacob K., 2824 N 4th, Phila., Pa.  
Atwood Machine Co., Stonington, Conn.  
Campbell & Clute Machine Co., Cohoes, N. Y.  
Diamond Textile Machine Works (Bobbin), 1820 N 10th, Phila., Pa.  
Eastwood Benj. Co. (Silk), Paterson, N. J.  
Firth Wm. (Stubbs), 200 Devonshire, Boston, Mass.  
Foster Mach. Co., Westfield, Mass.  
Hall F. A. & P. ("Horrock's" Drum), Lawrence, Mass.  
Lazenby F. A. & Co. (Cotton Duck), 414 Key Highway, Baltimore, Md.  
Leighton Machine Co., Manchester, N. H.  
Lever Oswald Co., 13th & Cumberland, Phila., Pa.  
Lyall J. & W. (Spool), Passaic, N. J.  
Payne Geo. W. & Co. (Cop, Skein or Bobbin), Pawtucket, R. I.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Sipp Machine Co., Paterson, N. J.  
Smith Drum & Co., Allegheny av & 4th, Phila., Pa.  
Spindler E. O. (Imp), 350 B'way, New York  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.  
Textile Machine Works, Reading, Pa.  
Universal Winding Co. ("Leesona"), 95 South Boston, Mass.  
Watson Machine Co., Paterson, N. J.  
Whitin Machine Works, Whitinsville, Mass.
- 15472— **Winders (Ball)**  
Franklin Machine Co., 189 Charles, Providence, R. I.  
North Chelmsford Machine & Supply Co. (Automatic), North Chelmsford, Mass.
- 15473— **Winders (Cone)**  
Brigham Arthur A. ("Broadbent & Brigham's"), 17 Milk, Boston, Mass.  
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
Foster Machine Co., Westfield, Mass.  
Lever Oswald Co., 13th & Cumberland, Phila., Pa.  
Universal Winding Co. ("Leesona"), 95 South Boston, Mass.
- 15474— **Winders (Cop)**  
Altemus Jacob K., 2824 N 4th, Phila., Pa.  
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.  
Lever Oswald Co., 13th & Cumberland, Phila., Pa.  
Lindsay Hyde & Co., 2130 E York, Phila., Pa.  
Lyall J. & W., Passaic, N. J.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Sipp Machine Co., Paterson, N. J.  
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
- 15475— **Winders (Fillet)**  
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
- 15476— **Winders (Hosiery)**  
Allen A. W., 2427 Mascher, Phila., Pa.  
Altemus Jacob K., 2824 N 4th, Phila., Pa.  
Brigham Arthur A. ("Broadbent & Brigham's"), 17 Milk, Boston, Mass.  
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.  
Foster Machine Co., Westfield, Mass.  
Huse William D. & Sons, Laconia, N. H.  
Leighton Machine Co., Manchester, N. H.  
Lever Oswald Co., 13th & Cumberland, Phila., Pa.  
Lindley Geo. W., 5122 Wakefield, Germantown, Phila., Pa.  
Lindsay Hyde & Co., 2130 E York, Phila., Pa.  
Payne Geo. W. & Co., Pawtucket, R. I.  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.  
Spindler E. O., 350 B'way, New York  
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
- 15477— **Winders (Lap)**  
Saco-Lowell Shops, 77 Franklin, Boston, Mass.
- 15478— **Winders (Magnet)**  
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
- 15479— **Winders (Quill)**  
Lazenby F. A. & Co., 414 Key Highway, Baltimore, Md.  
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.  
Sipp Machine Co., Paterson, N. J.  
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
- 15480— **Winders (Skein)**  
Altemus Jacob K., 2824 N 4th, Phila., Pa.  
Brigham Arthur A., 17 Milk, Boston, Mass.  
Collins Bros. (Drum), Pawtucket, R. I.  
Easton & Burnham Machine Co., Pine, Pawtucket, R. I.  
Foster Machine Co., Westfield, Mass.  
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.  
Sipp Machine Co., Paterson, N. J.
- 15481— **Winders (Yarn)**  
Altemus Jacob K., 2824 N 4th, Phila., Pa.  
Lever, Oswald Co., 13th & Cumberland, Phila., Pa.  
Universal Winding Co. ("Leesona"), 95 South, Boston, Mass.
- 15482— **Winding Machines (Cloth)**  
Curtis & Marble Mach. Co., Worcester, Mass.  
Parks & Woolson Machine Co., Springfield, Vt.  
Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.
- 15483— **Winding Machines (Hank)**  
Smith Jas. Woolen Machy. Co., Hancock & Somerset, Phila., Pa.
- 15484— **Winding Machines (Paper Tube)**  
Altemus Jacob K., 2824 N 4th, Phila., Pa.
- Wool Burring Machines**  
See Burring Machines
- 15485— **Woolen & Worsted Machinery**  
See also the Specific Article Required  
Altemus Jacob K., 2824 N 4th, Phila., Pa.  
Brown Cotton Gin Co., New London, Conn.  
Butterworth H. W. & Sons Co., 2415 E York, Phila., Pa.  
Clark Machine & Foundry Co., Franklin, Mass.  
Crompton & Knowles Loom Works ("Weaving"), Worcester, Mass.  
Curtis & Marble Machine Co., Worcester, Mass.  
Davis & Furber Machine Co. (Wool), N Andover, Mass.  
Diamond Textile Machine Works, 1820 N 10th, Phila., Pa.  
Firth Wm., 200 Devonshire, Boston, Mass.  
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 Leigh & Butler ("Platt Bros. & Co."), 232 Summer, Boston, Mass.  
 Lombard Machine Co., Worcester, Mass.  
 Parks & Woolson Machine Co., Springfield, Vt.  
 Payne Geo. W. & Co., Pawtucket, R. I.  
 Phila. Drying Machinery Co., 6721 Gtn. av, Phila., Pa.  
 Riley C. E. Co., 65 Franklin, Boston, Mass.  
 Saco-Lowell Shops (Worsted), 77 Franklin, Boston, Mass.  
 Sargent's C. G. Sons Corp., Graniteville, Mass.  
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 Smith James Woolen Machy. Co, Hancock & Somerset, Phila., Pa.  
 Smith & Furbush Machine Co., Hancock & Somerset, Phila., Pa.  
 Speed & Stephenson, 170 Summer, Boston, Mass.  
 Woonsocket Machine & Press Co., Woonsocket, R. I.

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Jennings R. G. Yarn Cleaning Machine Co., Elmira, N. Y.

**15488—Yarn Conditioning Machines**

Sargent's C. G. Sons Corp., Graniteville, Mass.  
 Suter Alfred ("Standard"), 200 5th av, New York

**15489—Yarn Printing Machines**

Brigham Arthur A., 17 Milk, Boston, Mass.  
 Luther C. A. & Co., Pawtucket, R. I.  
 Ready Mfg. Co. (Indelible Ink), Troy, N. Y.

**15489a—Yarn Sizing Machines**

Textile Finishing Machinery Co., 171 Westminster, Providence, R. I.

(End of Textile Machinery)

**15490— Thalpotasimeters**

National Gauge Co. ("National"), 300 Pacific, Brooklyn, N. Y.

**SCHAEFFER & BUDENBERG MFG. CO.,**  
 Berry & S 5th, Brooklyn, N. Y.  
 See adv index at end of book

**15491— Thawers (Dynamite)**

See also Kettles, Thawing

**HERCULES POWDER CO.,** Wilmington, Del. See adv index at end of book

**15492— \*Thawing Outfits**

**MacLEOD CO.,** 2227 Bogen, Cincinnati, O.  
 See adv index at end of book

**Theatre Brass Work**

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**15493—Theatre Curtains (Steel)**

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Elevator Supplies Co., Hoboken, N. J.  
 Harris S. H. Co., 610 W Lake, Chicago, Ill.  
 Perkins Mfg. Co. (Iron), University & Fairview avs, St. Paul, Minn.  
 See adv index at end of book  
 Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.

**Theatre Seating**

See Opera Chairs & Assembly Seating

**15494— Theobromine**

Hoffmann-La Roche Chemical Works, 440 Washington, New York

**15495— Theodolites**

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 Buff & Buff Mfg. Co., 98 Green, Jamaica Plains, Boston, Mass.  
 Gurley W. & L. E., Troy, N. Y.  
 Queen-Gray Co., 618 Chestnut, Phila., Pa.  
 Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

**15496— Thephorin**

Hoffmann-La Roche Chemical Works, 440 Washington, New York

**15497— Thermofans**

Schutte & Koerting Co. (For Heating & Cooling Air), 1251 N 12th, Phila., Pa.

**15497a—\*Thermometer-Thermostat**

**BRISTOL CO.** ("Bristol's") Waterbury, Conn. See adv index at end of book

**15498— Thermometers**

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 American Thermo-Ware Co. (Imported), 16 Warren, New York  
 Arsholous Thermometer Mfg. Co., Industrial bldg, Syracuse, N. Y.  
 Azadian Gauge Mfg. Co., Syracuse, N. Y.  
 Berg James Mfg. Co., 3707 12th av, Brooklyn, N. Y.  
 Bogardus-Nelson Co. ("Trident"), Marshalltown, Ia.  
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 See adv index at end of book  
 Brown Instrument Co., Wayne & Windrim avs, Phila., Pa.  
 Buffalo Thermometer Co., 60 Cherry, Buffalo, N. Y.  
 Bussey Bros, Phelps, N. Y.  
 Chaney L. F. Co., Springfield, O.  
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 Dorfmann Bros. (Advertising), Corona, N. Y.  
 Du Vivier Ernest H. (Recording), 30 Church, New York  
 Eimer & Amend (Chemical), 205 3d av, New York  
 Electrical Appliance Mfg. Co. ("Best Ever" for Fireless Cooker), Waterbury, Conn.  
**FOXBORO COMPANY, THE,** Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.  
 See adv index at end of book  
 Freas Francis L., Coshohocken, Pa.  
 Fritsch Thermometer Mfg. Co., 210 Canal, New York  
 Green Henry J. (Meteorological, Soil, Chimney, Orchard, House, Steam, etc), 1191 Bedford av, Brooklyn, N. Y.  
 Greiner Emil Co., 55 Fulton, New York  
 Griebel Instrument Co., Carbondale, Pa.  
 Hanover Chemical & Mfg. Co. ("Heraeus" Platinum), 233 N. J. R. R. av, Newark, N. J.  
 Heil Henry Chemical Co., St. Louis, Mo.  
 Huddleston J. S. F., 20 Devonshire, Boston, Mass.  
 Katz Wm. & Co., 179 Central av, Brooklyn, N. Y.  
 Leeds & Northrup Co. (Resistance Thermometer Only), Stenton av, Gtn., Phila., Pa.  
 Lenz Apparatus Co., 9 E 16th, New York  
 Marshall Mfg. Co., Coshocton, O.  
 Melvin M. G. Co. ("Melco" Recording & Alarm), 116 Liberty, New York  
 Moreneus E. Co., Cleveland, N. Y.  
 National Gauge Co. ("National" for all Mechanical Purposes), 300 Pacific, Brooklyn, N. Y.  
 National Thermometer Co. (Clinical), 125 E 23d, New York  
 Phila. Thermometer Co., 9th & Arch, Phila., Pa.  
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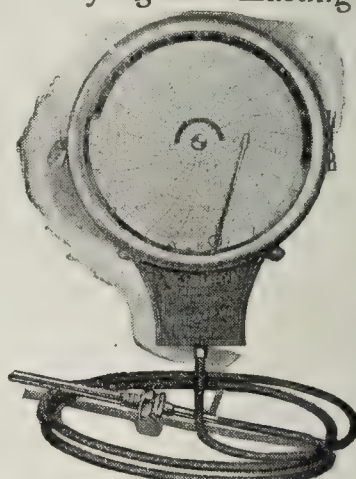
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bers, 323 Arch, Phila., Pa.

Wagner Bros. & Co. (Imp.), 71 W 23d,  
New York

Wagner Carl H., 1944 N Albany av, Chi-  
cago, Ill.

Wagner Glass Works, 697 E 132d, New  
York

Weinhagen Henry (For Laboratory, Fac-  
tory, etc), 159 Leonard, New York

Weiskopf Abraham, 16 S Clinton, Chicago,  
Ill.

Weiss Albert A. & Co. (For All Purposes),  
572 Gates av, Brooklyn, N. Y.

Wilder Chas. Co. ("Wilder" For all Pur-  
poses), Troy, N. Y.

Zaubitz August (For Stills, Boilers, Vac-  
uum, Pans, Heating, etc), 95 Cliff,  
New York

**15499—Thermometers (Advertising)**

Aluminum Specialty Co., Manitowoc, Wis.  
American Mfg. Concern, Falconer, N. Y.

Freas Francis L., Conshohocken, Pa.  
Marshall Mfg. Co., Coshocton, O.

National Sheet Metal Co. (Stamped  
Nickelene, etc), Peru, Ill.

**TAYLOR INSTRUMENT COMPANIES**  
(Taylor Bros. Co. Division), Roches-  
ter, N. Y. *See adv index at end of book*

Weinhagen H., 159 Leonard, New York

**15500—Thermometers (Candy)**

**FOXBORO COMPANY, THE**, Succeeding  
Industrial Instrument Co. ("Foxboro")  
Foxboro, Mass.

*See adv index at end of book*

**PRECISION THERMOMETER & IN-  
STRUMENT CO.**, 1434 Brandywine,  
Phila., Pa.

Taylor Instrument Companies, Rochester,  
N. Y. *See adv index at end of book*

Wilder-Pike Thermometer Co. ("Chas.  
Wilder Co."), Troy, N. Y.

**15501—Thermometers (Cardboard)**

American Thermo-Ware Co. (Imported),  
16 Warren, New York

**15502—Thermometers (Chemical)**

American Thermo Ware Co. (Imp), 16  
Warren, New York

Berg James Mfg. Co., 3707 12th av, Brook-  
lyn, N. Y.

Eimer & Amend, 205 3d av, New York

Engelhard Chas., 30 Church, New York

National Thermometer Co., 123 E 23d, New  
York

Phila. Thermometer Co., 9th & Arch, Phil-  
adelphia, Pa.

**PRECISION THERMOMETER & IN-  
STRUMENT CO.**, 1434 Brandywine,  
Phila., Pa.

**SCHAEFFER & BUDENBERG MFG. CO.**  
("Crescent"), Berry & S 5th, Brook-  
lyn, N. Y. *See adv index at end of book*

Simplex Hydrometer Co., Newark, N. J.

Tagliabue Chas. J. Mfg. Co., 20 33rd,  
Brooklyn, N. Y.

Taylor Instrument Companies ("Tycos")  
Rochester, N. Y.

*See adv index at end of book*

**15503—Thermometers (Chimney)**

Green Henry J., 1191 Bedford av, Brook-  
lyn, N. Y.

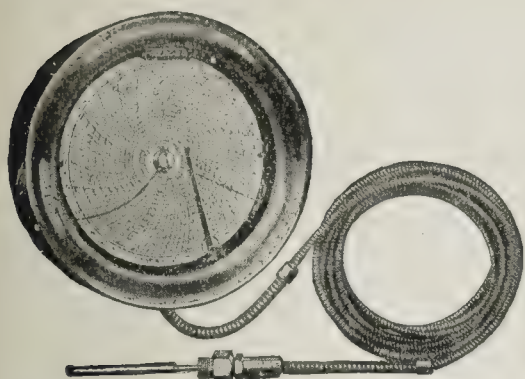
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H & M Type Thermometers; straight and angle stem indicating Thermometers, with fixed thread, union connection or separable socket; *Tycos* Recording Thermometers; mercury vacuum and absolute pressure Gauges; automatic temperature and pressure Regulators; *Tycos* Indicating and Recording Pyrometers, Hygrodeiks and Hygrometers; all glass engraved stem Thermometers.

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**Taylor Instrument Companies**  
Rochester, N.Y.





# FOXBORO

TRADE MARK

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### THERMOMETERS

Sensitive, accurate and durable. No glass or fragile parts to break. No mercury to be affected by surrounding atmosphere. They are absolutely dependable instruments—made to fit any condition, covering any range, from minus 60 to plus 800 degrees Fht.

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Foxboro, Mass., U. S. A.

New York, Chicago, Pittsburg, Philadelphia, St. Louis, Birmingham, San Francisco, Peacock Bros., Montreal.

#### 15504—Thermometers (Clinical)

American Thermo-Ware Co. (Imported), 16 Warren, New York  
 Freas Francis L., Conshohocken, Pa.  
 Kessling Edw., 96 Suydam, B'klyn, N. Y.  
 National Thermometer Co., 125 E 23d, New York  
 Tagliabue C. J. Mfg. Co., 20 33d, Brooklyn, N. Y.  
 Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*  
 Weinhausen H., 159 Leonard, New York

#### 15505—Thermometers (Dial)

**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.  
*See adv index at end of book*  
**SCHAEFFER & BUDENBERG MFG. CO.** ("Reform"), Berry & S 5th, B'klyn, N. Y. *See adv index at end of book*

#### 15506—Thermometers (Electric Contact)

American Thermo-Ware Co. (Imported), 16 Warren, New York  
**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.  
*See adv index at end of book*  
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
 Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*

#### 15507—Thermometers (Feed Water)

**BRISTOL CO.** ("Bristol's" Recording), Waterbury, Conn.  
*See adv index at end of book*  
**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.  
*See adv index at end of book*  
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
**SCHAEFFER & BUDENBERG MFG. CO.** ("Columbia" Recording), Berry & S 5th, Brooklyn, N. Y.  
*See adv index at end of book*  
 Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*

#### 15507a—\*Thermometers (Fever)

**TAYLOR INSTRUMENT COMPANIES**, Rochester, N. Y.  
*See adv index at end of book*

#### 15507b—\*Thermometers (For Oil Circulation or Aeroplanes)

**FOXBORO COMPANY, THE**, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.  
*See adv index at end of book*

#### 15507c—\*Thermometers (For Water Circulation or Aeroplanes)

**FOXBORO COMPANY, THE**, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.  
*See adv index at end of book*

#### 15508—Thermometers (Heating)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Beaton & Cadwell Mfg. Co. ("Jumbo"), New Britain, Conn.  
 Bogardus-Nelson Co., Marshalltown, Ia.

**BRISTOL CO.** ("Bristol's" Recording), Waterbury, Conn.  
*See adv index at end of book*

Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.

**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.

*See adv index at end of book*  
 National Gauge Co., 300 Pacific, B'klyn, N. Y.

**PRECISION THERMOMETER & INSTRUMENT CO.**, 1434 Brandywine, Phila., Pa.

Queen-Gray Co. (Hot Water), 618 Chestnut, Phila., Pa.

**SCHAEFFER & BUDENBERG MFG. CO.** ("Crescent"), Berry & S 5th, B'klyn, N. Y. *See adv index at end of book*

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*

U. S. Gauge Co. (Hot Water), 67 Wall, New York

#### 15509—Thermometers (Hot Bed)

Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
 Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*  
 Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

#### Thermometers (Hot Water)

See Thermometers, Steam & Hot Water

#### 15510—\*Thermometers (Hot Well)

**BRISTOL CO.** ("Bristol's" Recording), Waterbury, Conn.  
*See adv index at end of book*  
**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.  
*See adv index at end of book*  
**SCHAEFFER & BUDENBERG MFG. CO.** ("Columbia" Recording & "Crescent" Indicating), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

#### 15511—Thermometers (Incubator)

American Thermo-Ware Co. (Imported), 16 Warren, New York  
 Freas Francis L., Conshohocken, Pa.  
 Green Henry J., 1191 Bedford av, Brooklyn, N. Y.  
 Phila. Thermometer Co., 9th & Arch, Philadelphia, Pa.  
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
**TAYLOR INSTRUMENT COMPANIES**, ("Tycos"), Rochester, N. Y.  
*See adv index at end of book*  
 Wilder-Pike Thermometer Co. ("Chas. Wilder Co."), Troy, N. Y.

#### Thermometers (Optical)

See Pyrometers

#### 15512—Thermometers (Oven)

Cooper Oven Thermometer Co. ("Whittier"), Pequabuck, Conn.  
**ELECTRICAL APPLIANCE MFG. CO.** ("Best Ever"), Waterbury, Conn.  
**FOXBORO COMPANY, THE**, Succeeding Industrial Instrument Co. ("Foxboro") Foxboro, Mass.  
*See adv index at end of book*

**PRECISION THERMOMETER & INSTRUMENT CO.**, 1434 Brandywine, Phila., Pa.

**SCHAEFFER & BUDENBERG MFG. CO.** ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*

Taylor Instrument Companies, Rochester, N. Y. *See adv index at end of book*  
 Zaubitz August ("Zaubitz"), 95 Cliff, N. Y.

#### 15513—Thermometers (Recording)

**BRISTOL CO.** ("Bristol's" Class 1, 2 & 3), Waterbury, Conn.  
*See adv index at end of book*

Draper Mfg. Co., 152 Front, New York  
**FOXBORO CO. (THE)** Succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass.  
*See adv index at end of book*

Green Henry J., 1191 Bedford av, Brooklyn, N. Y.

**SCHAEFFER & BUDENBERG MFG. CO.** ("Columbia" for All Purposes & Temperatures up to 1,000 Deg. F., and Electric up to 2,900 Deg. F.), Berry & S 5th, Brooklyn, N. Y.  
*See adv index at end of book*

Tagliabue C. J. Mfg. Co. ("Tag"), 18 33d, Brooklyn, N. Y.

**TAYLOR INSTRUMENT COMPANIES** ("Tycos"), Rochester, N. Y.  
*See adv index at end of book*

Thwing Instrument Co., 33d & Lancaster av, Phila., Pa.

#### 15514—Thermometers (Resistance)

Engelhard Chas. ("Heraeus"), 30 Church, New York  
 Leeds & Northup Co., Stenton av, Germantown, Phila., Pa.  
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
 Queen-Gray Co., 618 Chestnut, Phila., Pa.  
 Taylor Instrument Companies ("Tycos" Taylor Cambridge Division), Rochester, N. Y. *See adv index at end of book*  
 Thwing Instrument Co., 33d & Lancaster av, Phila., Pa.

#### 15515—Thermometers (Shower Bath)

National Gauge Co., 300 Pacific, Brooklyn, N. Y.  
 Phila. Thermometer Co., 9th & Arch, Phila., Pa.  
 Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
**SCHAEFFER & BUDENBERG MFG. CO.** ("Crescent"), Berry & S 5th, Brooklyn, N. Y. *See adv index at end of book*  
 Taylor Instrument Companies ("Tycos"), Rochester, N. Y.  
*See adv index at end of book*

#### 15516—Thermometers (Steam & Hot Water)

See also Thermometers, Heating  
 American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
**BRISTOL CO.** ("Bristol's" Recording), Waterbury, Conn.  
*See adv index at end of book*  
**FOXBORO CO. (THE)**, succeeding Industrial Instrument Co. ("Foxboro"), Foxboro, Mass. *See adv index at end of book*  
 Green Henry J., 1191 Bedford av, Brooklyn, N. Y.  
 National Gauge Co., 300 Pacific, Brooklyn, N. Y.



Precision Thermometer & Instrument Co.,  
1434 Brandywine, Phila., Pa.  
**SCHAEFFER & BUDENBERG MFG. CO.**  
("Columbia" Recording), Berry & S  
5th, Brooklyn, N. Y.  
*See adv index at end of book*  
Standard Thermometer Co., 65 Shirley,  
Boston, Mass.  
Taylor Instrument Companies, Rochester,  
N. Y. *See adv index at end of book*

### 15517—Thermometers (Steel Tube, Mercury Filled)

**SCHAEFFER & BUDENBERG MFG. CO.**  
("Reform"), Berry & S 5th, Brooklyn,  
N. Y. *See adv index at end of book*

### 15518—Thermometers (Sugar)

**FOXBORO CO. (THE)**, succeeding Indus-  
trial Instrument Co. ("Foxboro"),  
Foxboro, Mass.  
*See adv index at end of book*  
Heil Henry Chemical Co., St. Louis, Mo.

**PRECISION THERMOMETER & IN-  
STRUMENT CO.**, 1434 Brandywine  
Phila., Pa.

Wilder-Pike Thermometer Co. ("Chas.  
Wilder Co."), Troy, N. Y.

### 15519—Thermometers (Trans- former)

Phila. Thermometer Co., 9th & Arch,  
Phila., Pa.

Precision Thermometer & Instrument Co.,  
1434 Brandywine, Phila., Pa.

Queen-Gray Co., 618 Chestnut, Phila., Pa.

### 15520—\*Thermometers (Wet & Dry Bulb, Recording)

**FOXBORO CO. (THE)**, succeeding Indus-  
trial Instrument Co. ("Foxboro"), Fox-  
boro, Mass. *See adv index at end of book*

#### Thermos Bottles

*See Bottles, Vacuum*

### 15521—Thermostats

*See also Regulators, Heat*

Acton John, 118 John, Brooklyn, N. Y.

American Thermostat Co. ("Marvel"), El-  
mira, N. Y.

Andrews Heating Co. ("Andrews" Self-  
Governing), Minneapolis, Minn.

Baker Ice Machine Co. (For Regulating  
Cold Storage Room Temperatures),  
Omaha, Neb.

Beers Bros., Rochester, N. Y.

Consolidated Car Heating Co. (For Cars,  
Hotels, Offices, etc), Albany, N. Y.

Crandon Mfg. Co. (Tank Type), Portland,  
Me.

d'Este Julian Co. ("Curtis"), 24 Canal,  
Boston, Mass.

Freas Francis L., Conshohocken, Pa.

Jewell Mfg. Co., Auburn, N. Y.

Kieley & Mueller (For Hot Water Tanks,  
etc), 34 W 13th, New York

National Regulator Co. (For Control of  
Dampers & Valves in a Heating Ap-  
paratus), 208 S Jefferson, Chicago, Ill.

Precision Thermometer & Instrument Co.,  
1434 Brandywine, Phila., Pa.

Queen-Gray Co., 618 Chestnut, Phila., Pa.

Railway Utility Co. ("Utility" Electric),  
721 Fulton, Chicago, Ill.

Robertshaw Mfg. Co. (Gas, Water Heater  
Thermostats), Youngwood, Pa.

Sarco Engineering Co., South Ferry bldg,  
New York

Standard Regulator Co., 90 West, New York

Standard Thermometer Co., 65 Shirley,  
Boston, Mass.

Tagliabue Chas. J. Mfg. Co., 20 33d,  
Brooklyn, N. Y.

Yoder-Thomas Mfg. Co. ("Wentz"), Cleve-  
land, O.

### 15522—Thickeners (Carbon)

Oliver Continuous Filter Co. (For Gas  
Works), 503 Market, San Francisco,  
Cal.

### 15523—Thickeners (Continuous)

Colorado Iron Works Co. ("Rothwell"),  
Denver, Colo.

Dorr Co. ("Door"), Denver, Colo.

Oliver Continuous Filter Co. (Automatic  
Shine), 503 Market, San Francisco,  
Cal.

### 15524—Thiefs (Measuring)

Kraft A. C. (Liquor), 323 W Lake, Chi-  
cago, Ill.

U. S. Bottlers' Machinery Co. ("Taylor"),  
1033 W Lake, Chicago, Ill.

### 15525—Thimbles (Chimney)

Adams Co. (Cast Iron), Dubuque, Ia.

Seiner Chas. F., Indianapolis, Ind.

Sterling Fdry. Co. ("The Best"), Sterling,  
Ill.

Weber & Kirch Mfg. Co., Keokuk, Ia.

### 15526—Thimbles (Floor)

American Foundry & Mfg. Co. ("Ameri-  
can," "Sanders" Adjustable), 11th &  
Herbert, St. Louis, Mo.

Grabler Mfg. Co., Cleveland, O.

### 15527—Thimbles (Last)

**BOSTON PRESSED METAL CO.**, 169  
Union, Worcester, Mass.

*See adv index at end of book*

### 15527a—Thimbles (Locomotive Boiler)

Warren J. M. & Co., Troy, N. Y.

### 15528—Thimbles (Sewing)

Ansonia Novelty Co. (Aluminum, Steel &  
Brass, Gold & Silver), Ansonia, Conn.

Goldsmith Stern & Co., (Gold, Silver), 33  
Gold, New York

Illinois Pure Aluminum Co. (Aluminum),  
Lemont, Ill.

Ketcham & McDougall (Gold & Silver),  
15 Maiden la, New York

Simons Bros Co. (Gold & Silver), 618  
Chestnut, Philadelphia, Pa.

Waite-Thresher Co., Abbott Park pl.  
Providence, R. I.

Webster Co. North Attleboro, Mass.

Whiting F. M. & Co. (Gold & Silver), N  
Attleboro, Mass.

**GEUDER, PAESCHKE & FREY CO.**, Mil-  
waukee, Wis. *See adv index at end of book*

Hemp & Co., Vandeventer nr Shaw, St.  
Louis, Mo.

Hessler H. E. Co., Syracuse, N. Y.

Lalance & Grosjean Mfg. Co. ("Royal"),  
299 B'way, New York

Landers W. H. Co., Syracuse, N. Y.

Lawrence Bostwick Mfg. Co. (Ltd.),  
Phelps, N. Y.

Majestic Co. (Stove Pipe & Flue Thimbles)  
Huntington, Ind.

Peoria Can Co., Peoria, Ill.

Phillips & Buttorff Mfg. Co., Nashville,  
Tenn.

Plocher Andrew Sons Co., Dayton, O.

Reeves Mfg. Co., Dover, O.

Rochester Radiator Co., Rochester, N. Y.

Stearns E. C. Co. ("McGuire," "Star"),  
450 Oneida, Syracuse, N. Y.

**15530—Thimbles (Wall)**

Caldwell H. W. & Son Co., Western av &  
17th, Chicago, Ill.

**15531—Thimbles (Wire Rope)**

American Hoist & Derrick Co., St. Paul,  
Minn.

**AMERICAN STEEL & WIRE CO.**, 208 S  
La Salle, Chicago, Ill.

*See adv index at end of book*  
Broderick & Bascom Rope Co. (Jobbers),  
Main & Douglas, St. Louis, Mo.

Channon Jas. H. Mfg. Co., 227 W Erie,  
Chicago, Ill.

Durable Wire Rope Co., 93 Pearl, Boston,  
Mass.

Hallett Iron Works, Harvey, Ill.

Harrison Electric Co., 411 Van Brunt,  
Brooklyn, N. Y.

Hazard Mfg. Co., Wilkes-Barre, Pa.

Hubbard & Co., 63rd & Butler, Pittsburgh,  
Pa.

Lanz Matthew & Sons, 2907 Carson, Pitts-  
burgh, Pa.

Laughlin Thos. Co. (Steel, also Manila),  
Portland, Me.

Leschen A. & Sons Rope Co., 920 N 1st,  
St. Louis, Mo.

Macomber & Whyte Rope Co., Racine av,  
Kenosha, Wis.

Marine Hardware-Equip. Co., So. Port-  
land, Me.

Neptune Hardware Mfg. Co., 54 South,  
New York

**ROEBLING'S JOHN A. SONS CO.**, Main  
Office, Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.

*See adv index at end of book*  
Wilcox, Crittenden & Co. (Also for Manila  
Rope), Middletown, Conn.

Williamsport Wire Rope Co., Williamsport,  
Pa.

**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

### 15532—Third Rail Block System

**WESTINGHOUSE ELECTRIC & MFG.  
CO.**, Westinghouse bldg, Pittsburgh,  
Pa. *See adv index at end of book*

### 15533—\*Third Rail System (Elec- tric)

*See also Insulators, Third Rail*  
**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*

### 15534—Thorium Nitrate

Foot Mineral Co. (Imp.), 107 No. 19th,  
Philadelphia, Pa.

Lieber H. & Co. (Imp. "Dr. Richard Stha-  
mer's"), 14 Platt, New York

Pfaltz & Bauer ("Swan," Imp.), 300 Pearl,  
New York

### 15535-6—Thread (Cotton)

American Thread Co., 260 W B'way, New  
York

Amherst Mfg. Co. (Mercerized), Amherst,  
Mass.

Ballou Thread Co. (Shoe), 189 Charles,  
Providence, R. I.

Barrows Mfg. Co. (Glazed Spool Cotton),  
Lansdale, Pa.

Bay State Thread Works, Springfield,  
Mass.

Bemis Bro. Bag Co. (Union Special Ma-  
chine), 601 S 4th, St. Louis, Mo.

Bibb Mfg. Co. (2, 3 & 4 Cord Spool Cot-  
ton), Macon, Ga.

Blodgett & Orswell Co. ("John J. Clark's"  
Spool Cotton, "B. & O." Threads),  
Pawtucket, R. I.

Boas Thread Co. (Spool), Stamford, Conn.

Boston Thread Co., Lena & Armat, Phila-  
delphia, Pa.

Bullard Thread Co. (For the Trade),  
Holyoke, Mass.

Cairo Thread Works 105 Wooster New  
York

Central Mills Co. Southbridge, Mass.

Chadwick J. & Bros., ft Lembeck av, Jer-  
sey City, N. J.

Clark Mile End Spool Cotton Co. (Spool),  
East Newark, N. J.

Clark Robt. E. Thread Co., Chester, Pa.

Clark Thread Co. ("O. N. T." Spool),  
Clark, Newark, N. J.

Coats J. & P. Pawtucket, R. I.

Cranska Thread Co., Worcester, Mass.

Ederer R. J. Thread Co., Elizabeth &  
Unity, Phila., Pa.

Elizabeth Mills, Hills Grove, R. I.

Florence Thread Co., Florence, N. J.

Gray S. & Co., Walpole, Mass.

Greene & Daniels Co., Pawtucket, R. I.

Hall, Gardiner Jr. & Co. (Spool), S Will-  
ington, Conn.

Lawton Spinning Co., Woonsocket, R. I.

Linen Thread Co. (Selling Agents), 96  
Franklin, New York

Meyer J. C. & Co. (For Mfg. Trades),  
Lowell, Mass.

Moore C. & Co., 5th & Market, Philadel-  
phia, Pa.

Niagara Thread Co. (Glazed & Mercerized  
Sewing & Seaming), Ontario & Janney,  
Philadelphia, Pa.

Pelham Mills (In Balls), Pelham, S. C.

Pollack Max & Co. (Mercerized & Spool),  
12 E 22nd, New York

Roxbury Shoe Thread Co. (Shoe), 35  
Wormwood, Boston, Mass.



Sewing Thread Co. (Spool), Pawtucket, R. I.  
 Slater W. A. Mills, Jewett City, Conn.  
 Spool Cotton Co. (Selling Agents), 315 4th av, New York  
 Standard Thread Co., 532 W 22d, New York  
 Summit Thread Co. (Spool), 103 Bedford, Boston, Mass.  
 Thread Agency (Selling Agents), 260 W B'way, New York  
 Union Thread Co., 69 & Big 4 R. R.-Carthage, Cincinnati, O.  
 Wachusett Thread Co., Worcester, Mass.  
 Warren W. Thread Works, Westfield, Mass.

### 15537— Thread (Linen)

Barbour Flax Spinning Co., Paterson, N. J.  
 Barbour J. E. Paterson, N. J.  
 Boston Thread & Twine Co., Boston, Mass.  
 Ederer R. J. Thread Co. ("Keystone"), Elizabeth & Unity, Phila., Pa.  
 Linen Thread Co. (Selling Agents), 96 Franklin, New York  
 Moore C. & Co., 5th & Market, Philadelphia, Pa.  
 Smith & Dove Mfg. Co., Andover, Mass.  
 Spool Cotton Co. (Selling Agents), 315 4th av, New York  
 Thread Agency (Selling Agents), 260 W B'way, New York  
 West End Thread Co. (Shoe, Bookbinders' Carpet, etc), Millbury, Mass.

### 15538— Thread (Rubber)

Easthampton Rubber Thread Co. (Para Rubber), Easthampton, Mass.  
 Goodrich B. F. Co., Akron, O.  
 Mechanical Fabric Co., 40 Sprague, Providence, R. I.  
 Revere Rubber Co., 60 High, Boston, Mass.

### 15539— Thread (Shoe)

Ballou Thread Co. (Cotton), 189 Charles, Providence, R. I.  
 Cable Flax Mills, Schaghticoke, N. Y.  
 Laub's Geo. Sons (Linen), Buffalo, N. Y.  
 Linen Thread Co. (Selling Agents), 96 Franklin, New York  
 Meyer J. C. & Co. (Silk Finish), Lowell, Mass.  
 Roxbury Shoe Thread Co. (Cotton), 35 Wormwood, Boston, Mass.  
 Smith & Dove Mfg. Co. (Flax), Andover, Mass.  
 West End Thread Co. (Linen), Millbury, Mass.

### 15540— Thread (Silk)

Adams D. E. Co., 225 5th av, New York  
 Belding Bros. & Co., 902 B'way, New York  
 Berkshire & Becket Silk Co., Becket, Mass.  
 Boas Thread Co. (Spool), Stamford, Conn.  
 Brainerd & Armstrong Co., New London, Conn.  
 Champion Silk Co., Pottstown, Pa.  
 Crane Bros., Kingston, Pa.  
 De Witt Boag Co., Hornell, N. Y.  
 Eureka Silk Mfg. Co., Putnam, Conn.  
 Globe Silk Works, New Haven, Conn.  
 Hackenbush W. B. & Co., 1211 Arch, Philadelphia, Pa.  
 Hammond, Knowlton & Co., Putnam, Conn.  
 Hanks O. G. & Co., Mansfield Center, Conn.  
 Heineman O. Co. (Silk Floss, Insulating Silk, etc), 2701 Armitage av, Chicago, Ill.  
 Heminway M. & Sons Silk Co. (Sewing, Embroidery, Knitting, etc, also Special Silk for Mfrs), Watertown, Conn.  
 Heminway & Bartlett Silk Co. (Sewing, Embroidery, etc; also Special Silks for Mfrs), Watertown, Conn.  
 Holland Mfg. Co., Willimantic, Conn.  
 Khalizog Silk Co., Paterson, N. J.  
 Meyer J. C. & Co., Lowell, Mass.  
 Nonotuck Silk Co., Florence, Mass.  
 Ontario Thread Co., 17 Waverly pl, New York  
 Ramsey J. & Sons, Phillipsburg, N. J.  
 Rice A. H. Co., Pittsfield, Mass.  
 Richardson Silk Co., Belding, Mich.  
 Thairwall Wm. C. & Co., 504 Albany, Boston, Mass.  
 Warehouse Point Silk Co., Warehouse Point, Conn.  
 Warren W. Thread Works (Sewing, etc), Westfield, Mass.  
 Winsted Silk Co., Winsted, Conn.

### 15541— Threaders (Needle)

Roeti-Hunt Corp. ("Ezi"), Putnam, Conn.  
 Slensby W. P., 36 Beekman, New York

### 15542—Threaders (Wire Rod)

Goodell-Pratt Co. (Can Be Held in Any Vise), Greenfield, Mass.

### 15543— Threads (Screw)

Card S. W. Mfg. Co., Mansfield, Mass.  
 Jencks E. Mfg. Co. (Machine & Wood, Chased Cut or Rolled, Gimlet Pointed) Worcester, Mass.

### 15544—Thresher Feeders & Blowers

Maytag Co. (Feeders Only), Newton, Ia.  
 Reeves Pulley Co., Columbus, Ind.

### 15545— Threshers

Aultman & Taylor Machinery Co., Mansfield, O.  
 Avery Co. ("Yellow-Fellow"), Peoria, Ill.  
 Baker A. D. Co., Swanton, O.  
 Belle City Mfg. Co. ("Belle City," "New Racine"), Racine, Wis.  
 Buffalo Pitts Co., Buffalo, N. Y.  
 Campbell S. K. Co., Central Bridge, N. Y.  
 Cardwell Machine Co. (Rice, etc), 1900 E Cary, Richmond, Va.  
 Clark Machine Co. (Grain), St. Johnsville, N. Y.  
 Conner J. W. & Son ("Favorite," Thresher), Orangeville, Pa.  
 Doylestown Agricultural Co., Doylestown, Pa.  
 Ellis Keystone Agricultural Works ("Ellis Champion" Thresher & Cleaner), Pottstown, Pa.  
 Emerson-Brantingham Co. ("Reeves," "Geiser Peerless"), Rockford, Ill.  
 Farquhar A. B. Co. (Ltd.) (Also Rice), York, Pa.  
 Frick Co., Waynesboro, Pa.  
 Garden City Feeder Co., Pella, Ia.  
 Gill W. E. (Corn & Oats Separators), Lake Geneva, Wis.  
 Gray's A. W. Sons, Middletown Springs, Vt.  
 Harder Mfg. Co., Cobleskill, N. Y.  
 Harrison Machine Works ("New Great Western"), Belleville, Ill.  
 Heebner & Sons ("Little Giant," "Pennsylvania"), Lansdale, Pa.  
 Heilman Machine Works, Evansville, Ind.  
 Huber Mfg. Co. ("Western Special"), Marion, O.  
 Illinois Thresher Co., Sycamore, Ill.  
 International Harvester Company of America (Inc.), 702 Harvester bldg, Chicago, Ill.  
*See adv index at end of book*  
 Keck-Gonnermann Co., Mount Vernon, Ind.  
 Messinger Mfg. Co. (Thresher, Separator & Cleaner), Tatamy, Pa.  
 Minneapolis Threshing Machine Co., 226 N 2d, Minneapolis, Minn.  
 Nichols & Shepard Co., Battle Creek, Mich.  
 Parlin & Orendorff Co., Canton, Ill.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Prairie Queen Mfg. Co., Newton, Kan.  
 Quick & Thomas, Auburn, N. Y.  
 Rumley M. Co. ("Advance," "Gear-Scott") Laporte, Ind.  
 Russell & Co., Massillon, O.  
 Star Mfg. Co. (Corn), Carpentersville, Ill.  
 Swayne, Robinson & Co., Richmond, Ind.  
 Westinghouse Co. ("Westinghouse" Grain & Straight Straw), Schenectady, N. Y.  
 Wood Bros. Thresher Co., Des Moines, Ia.

### 15546—Threshers (Bean & Pea)

Aultman & Taylor Machine Co., Mansfield, Ohio  
 Batavia Machine Co., Batavia, N. Y.  
 Buffalo-Pitts Co. (Threshers & Cleaners), Buffalo, N. Y.  
 Koger Pea & Bean Thresher Co., Morristown, Tenn.  
 Nancy Hanks Hay Press & Foundry Co. (Pea), Dalton, Ga.  
 Owens J. L. Co., Fulton & S E Huron, Minneapolis, Minn.  
 Woodruff Machinery Mfg. Co., Winder, Ga.

### 15547— Threshers (Corn)

Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Star Mfg. Co., Carpentersville, Ill.  
 Whitman Agricultural Co., St. Louis, Mo.

### 15548— Threshers (Rice)

Aultman & Taylor Machinery Co., Mansfield, O.  
 Cardwell Machine Co., 1900 E Carey, Richmond, Va.  
 Emerson-Brantingham Co. ("Reeves," "Geiser"), Rockford, Ill.  
 Harrison Mach. Wks. ("Belleville"), Belleville, Ill.  
 Swayne, Robinson & Co. ("Money-Maker") Richmond, Ind.

### 15549—Threshers (Straw Preserving & Rye)

Eddy W. Plow Co., Greenwich, N. Y.  
 Harder Mfg. Co. (Rye Thresher, Cleaner & Binder Combined), Cobleskill, N. Y.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Westinghouse Co., Schenectady, N. Y.

### 15550—Threshers & Cleaners (Peanut)

Cardwell Mach. Co. ("Creasey"), 1900 E Cary, Richmond, Va.  
 Ellis Keystone Agrl. Works, Pottstown, Pa.

### 15551— Thresholds

Braco Mfg. Co. (Brass), 451 S Michigan av, Chicago, Ill.

**COLUMBUS BRASS CO.** (Cast Brass) 538 Dublin av, Columbus, O.

*See adv index at end of book*  
 Columbus Wire & Iron Works Co., Columbus, O.

Hester Mfg. Co. (Brass), 1455 S Michigan av, Chicago, Ill.

Kawner Mfg. Co., Niles, Mich.  
 Lasar Ornamental Iron Co. (Bronze & Iron), 16th & O'Fallon, St. Louis, Mo.

Newman Mfg. Co. (Brass & Bronze), 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.

*See adv index at end of book*  
 St. Louis Brass Mfg. Co. (Cast Brass or Bronze), Jefferson & Washington, St. Louis, Mo.

Standard-Tyler Co., 2436 W 15th, Chicago, Ill.

Star Brass Works Co. (Brass & Bronze), Kansas City, Mo.

Stover Mfg. Co., Freeport, Ill.  
**TYLER W. S. CO.**, Cleveland, O.

*See adv index at end of book*

### 15552— \*Throttles for Generator Valve

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.

*See adv index at end of book*

### 15553— Ticket Choppers & Destroyers

*See also Boxes, Ticket Cancelling*

Globe Ticket Co., 112 N 12th, Phila., Pa.  
 Newman Mfg. Co. (Brass & Wood), 717 Sycamore, Cincinnati, O.; 68 W Washington, Chicago, Ill.

*See adv index at end of book*

Patten Paul B. Co. (Destroyers), Salem, Mass.

### 15554— Tickets (Pin)

Dancyger Safety Pin Ticket Co., Cleveland, O.

Eastern Pin Ticket & Tag Co., Perkaskie, Pa.

Eisler Anthony & Co. (Also Folding), 227 Canal, New York

Kimball A. Co., 307 W B'way, New York

Noesting Pin Ticket Co., Mt. Vernon, N. Y.  
 Salisbury Mfg. Co. (Self-Fastening, Folding, etc), 14 Leather av, Providence, R. I.

### 15555—Tickets & Transfers (Street Railway)

Globe Ticket Co., 112 N 12th, Phila., Pa.  
 Hamilton Bank Note Engraving & Printing Co., 142 Adams, Brooklyn, N. Y.



Keller Printing Co., 295 Lafayette, New York  
 Macdonald Ticket & Ticket Box Co., Penn bldg, Cleveland, O.  
 National Ticket Co., 205 St. Clair av, N E, Cleveland, O.  
 Ohmer Fare Register Co., Dayton, O.  
 Reyburn Mfg. Co. (Tickets Only), 23rd & Allegheny av, Phila., Pa.  
 Scott J. B. Co. (Roll Tickets), Kansas City, Mo.  
 Security Bank Note Co., 223 Chestnut, Philadelphia, Pa.  
 Stromberg, Allen & Co., 430 S Clark, Chicago, Ill.

### 15556—Tickings

Abingdon Mills, Huntsville, Ala.  
 Amoskeag Mfg. Co., Manchester, N. H.  
 Columbian Mfg. Co., Greenville, N. H.  
 Conestoga Steam Cotton Mills, Lancaster, Pa.  
 Cordis Mills, Millbury, Mass.  
 Crown Cotton Mills, Dalton, Ga.  
 Delgado Mills, Wilmington, N. C.  
 Eagle & Phenix Mills, Columbus, Ga.  
 Enterprise Cotton Mills, Enterprise, Ala.  
 Erwin Cotton Mills Co., West Durham, N. C.  
 Falls Co., Norwich, Conn.  
 Gary J. S. & Son, Equitable bldg, Baltimore, Md.  
 Globe Cotton Mills, Augusta, Ga.  
 Griffin Mfg. Co., Griffin, Ga.  
 Hamilton Mfg. Co., 201 Devonshire, Boston, Mass.  
 High Shoals Mfg. Co., High Shoals, Ga.  
 Holt-Williamson Mfg. Co., Fayetteville, N. C.  
 Kincaid Mfg. Co., Griffin, Ga.  
 Kneidler & Co., Eadon & Kennedy, Fkd., Phila., Pa.  
 Laurel Cotton Mills, Laurel, Miss.  
 Lexington Mfg. Co., Columbia, S. C.  
 Locke Cotton Mills Co., Concord, N. C.  
 Lynchburg Cotton Mills, Lynchburg, Va.  
 Manchester Cotton Mills, Rock Hill, S. C.  
 Massachusetts Cotton Mills, Exchange bldg, Boston, Mass.  
 Middleburg Mills, Columbia, S. C.  
 Montgomery Cotton Mills, Montgomery, Ala.  
 Muscogee Mfg. Co., Columbus, Ga.  
 Oakland Mills, Taunton, Mass.  
 Otis Co., Boston, Mass.  
 Palmer I. E. Co., Middletown, Conn.  
 Pelham Mfg. Co., Pelham, Ga.  
 Putnam Mills & Power Co., Eatonton, Ga.  
 Shetucket Co., Greenville, Conn.  
 Stark Mills, Manchester, N. H.  
 Stonewall Cotton Mills, Stonewall, Miss.  
 Sylvan Cotton Mills, Shelbyville, Tenn.  
 Tallassee Falls Mfg. Co., Tallassee, Ala.  
 Thorndike Co., Easton, Mass.  
 Tombigbee Cotton Mills, Columbus, Miss.  
 Whitaker Wm. & Sons, Cedar Grove, Philadelphia, Pa.  
 White Bros., Winchendon Springs, Mass.  
 Wiggins H. B. Sons Co., Bloomfield, N. J.  
 Willingham Cotton Mills, Macon, Ga.

### 15557—Tie-Bars (Stub-Switch)

Cincinnati Frog & Switch Co., Cincinnati, Ohio *See adv index at end of book*  
 Morden Frog & Crossing Works, 208 S La Salle, Chicago, Ill.  
 Wharton Wm. Jr. & Co., Inc., Easton, Pa.

### 15558—Ties (Bale)

Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.  
*See adv index at end of book*  
**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
*See adv index at end of book*  
 Belmer H. Co., 628 W 3d, Cincinnati, O.  
 Blakeslee G. S. & Co. (Jobbers), 2856 Quinn, Chicago, Ill.  
 Cambria Steel Co. (Wire), Widener bldg, Philadelphia, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Crawfordville Wire & Nail Co., Crawfordville, Ind.  
**DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y.**  
 Des Moines Bale Tie Co. (Hay, Straw & Excelsior), Des Moines, Ia.  
 Downey W. C. & Co. (Steel Wire), Springfield, O.  
 Ertel Geo. Co., Quincy, Ill.  
 Gulf States Steel Co., Birmingham, Ala.

Kilmer M. D. & Co., 6001 Quinby, Cleveland, O.  
 Kokomo Bale Tie Co. (Wire, for Hay, Straw & Excelsior), Kokomo, Ind.  
 Kokomo Steel & Wire Co. (Jobbers, Hay, Straw or Excelsior), Kokomo, Ind.  
 Nichols Wire Co., 21st & Baltimore, Kansas City, Mo.  
 Shelby Wire Co., Shelby, O.  
**STANLEY WORKS, New Britain, Conn.**  
*See adv index at end of book*  
 Tudor & Jones, Weedsport, N. Y.  
 Twisted Wire & Steel Co. (Steel), 437 11th av, New York  
 Union Cotton Bagging Corp. (Patent) (Bagging & Bale Ties), Norfolk, Va.  
 Union Steel & Wire Co., Indianapolis, Ind.  
 Wilson H. P. & H. F. (Steel Wire), 542 W 22d, New York

### 15559—Ties (Cattle & Horse)

Alexander Halter Factory ("Billet"), Alexandria, O.  
 Cooper Otway (Rope), Urbana, O.  
 Covert Mfg. Co., Troy, N. Y.  
 Covert Saddlery Works, Interlaken, N. Y.  
 Fricke J. E. Co. ("Emory Brand"), 247 Market, Philadelphia, Pa.  
 Gem Hammock & Fly Net Co., 191 Hanover, Milwaukee, Wis.  
 Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.  
 Rugg E. T. & Co., Newark, O.  
 Sargent & Co. (Rope), New Haven, Conn.  
 Workman H. B. Co. (Rope), Lititz, Pa.

### 15560—Ties (Concrete Steel, Railroad)

Whitehead Co., Farmington, Ill.

### 15561-2—Ties (Cotton)

**AMERICAN STEEL & WIRE CO., 208 S La Salle, Chicago, Ill.**  
*See adv index at end of book*  
 Atlantic Steel Co. (Steel), Atlanta, Ga.  
 Beckley Perforating Co., Garwood, N. J.  
 Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Conners-Weyman Steel Co., Birmingham, Ala.  
 du Pont E. I. de Nemours & Co. (By-Products Division), Wilmington, Del.  
 Heierman Frank & Bro., Austin, Tex.  
 Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.  
 Riverside Mills, Augusta, Ga.  
 Sharon Steel Hoop Co., Sharon, Pa.

### Ties (Creosoted)

*See Creosoting Works*

### 15563—Ties (Horse Tail)

Fernald Mfg. Co., North East, Pa.  
 Knapp Geo. S. ("Unique"), Bridgeport, Conn.  
 Wallace & Smith Co., 86 W Water, Milwaukee, Wis.

### 15564—Ties (Mine)

Cincinnati Frog & Switch Co., Cincinnati, O.  
*See adv index at end of book*  
 Fairmont Mining Machinery Co. ("Ross" Steel), Fairmont, W. Va.

### 15565—Ties, Poles & Posts

*See also Poles, Iron & Steel Trolley; also Lumber Manufacturers*

### ALABAMA.

CARNEY—Carney (Mrs.) J. A. (Ties)  
 FLORENCE—Richardson Lumber Co. (Cedar Poles)  
 RUSSELLVILLE—Richardson Lumber Co. (Cedar Poles)

### ARKANSAS.

CROSSETT—Crossett Lumber Co.  
 DERMOTT—Remley Esley P. (Ties, etc)  
 LITTLE ROCK—Byrd P. A. (Piling, Ties)  
 PARAGOULD—Bertig Bros. (Ties)  
 SCHAAL—Odell & Ennis (Ties)  
 TEXARKANA—National Lumber & Creosoting Co.  
 WILTON—Cooper E. C. (Ties)

### CALIFORNIA.

CASPAR—Caspar Lumber Co. (Redwood Ties)  
 SAN FRANCISCO—Albion Lumber Co. (Redwood Ties), 582 Market  
 Byxbee & Clark, Balboa bldg  
 Caspar Lumber Co. (Ties), Hobart bldg  
 Hanify J. R. Co. (Ties), 24 Market  
 Hooper C. A. & Co. (Ties), Balboa bldg  
 Nelson Chas. Co., 230 California  
 Pacific Lumber Co. (Ties, etc).  
 Pope & Talbot (Piles, Spars, etc), ft of 3d  
 Puget Mill Co. (Piles & Telegraph Poles)  
 Richardson Co., 320 Market  
 Tacoma Mill Co. (Piles & Telephone Poles), 310 Sansome  
 Union Lumber Co. (Poles & Ties), Crocker bldg  
 White L. E. Lumber Co. (Ties, etc), Balboa bldg  
 Wood E. K. Lumber Co., 112 Market

### COLORADO.

DENVER—Continental Tie & Lumber Co.  
 Western Lumber & Pole Co. (Red Cedar & White Cedar Ties, Poles & Posts)

### CONNECTICUT.

NEW LONDON—Raymond & Alexander Lumber Co. (Ties & Posts)

### DELAWARE.

MILTON—Conwell & Co. (Pine & Oak Piling, Mine Timbers, R.R. Ties, etc)  
 WILMINGTON—Bush J. D. & Co. (Ties & Piling), Dupont bldg

### FLORIDA.

BENHADEN—Ashmore R. W. & Sons (Cross Ties)  
 CALLAHAN—Jones R. H. (Cross Ties)  
 FERNANDINA—Baxter Geo. S. & Co. (R. R. Ties)  
 JACKSONVILLE—Cook Wm. P. & Co. Florida Tie & Lumber Co. (Ties)  
 Hunter Co. (Ties)  
 TRILBY—Croft T. E. (Cross Ties)

### GEORGIA.

BICKLEY—Smith Walter (Cross Ties)  
 BROADHURST—Rogers W. C. (Cross Ties)  
 BRUNSWICK—Aiken's Frank D. Sons (Mrs. Agt, Ties)  
 Bladen Tie & Lumber Co. (Cross Ties)  
 Cooney, Eckstein & Co. (Cross Ties)  
 Emanuel N. & Co. (Ties)  
 BURNT FORT—Buil J. C. (Cross Ties)  
 CORDELE—Scandrett G. L. (Cross Ties)  
 CUTTING—Georgia Lumber & Turpentine Co.

DARIEN—Hilton-Dodge Lumber Co.  
 FACEVILLE—Rogers J. T. (Cross Ties)  
 FORT McPHERSON—Southern Wood Preserving Co. (Creosoted Railway Timbers, Poles & Cross Ties)  
 HAGAN—Bradley D. M. (Ties)  
 LULATON—Knox E. H. (Cross Ties)  
 MONIAC—Holzendorf Geo. W.

Knabb L.  
 SAVANNAH—Brook-Bolshaw Co. (Cross Ties)  
 Emanuel N. & Co. (Cross Ties)  
 Heard Lumber Co.  
 Hirsch Lumber Co. (R.R. Ties, etc)  
 Southern Pine Co. (of Ga.) (Cross Ties, Bridges & Bldg Timbers, etc)  
 THOMASVILLE—Jemison J. B. & Co. (Bridge Timbers, etc)  
 Watt James & Bro. (Ties)

### IDAHO.

COEUR D'ALENE—Wright M. D. (Cross Ties)  
 HAYDEN LAKE—Wright M. D. (Ties Only)  
 SAND POINT—Humbird Lumber Co. (Ltd.) (Red Cedar Poles)  
 Sand Point Lumber & Pole Co. (Ltd.) (Red Cedar Posts, Poles, Piling, etc)



ILLINOIS.

CHICAGO—Ayer & Lord Tie Co. (R. R. Ties), Railway Exch. bldg  
Beidler Francis (Idaho Cedar & Michigan White Cedar Poles 40 ft & up) 20 W Jackson.  
Benton Geo. P. Co. (Cedar Poles), 133 W Washington  
Chicago Mill & Lumber Co. (Black Locust Poles, Posts & Pilings), 111 W Washington  
Continental Piling & Lumber Co. (Piling), 112 W Adams  
Crane W. B. & Co. (Cedar Posts & Trees), 913 W 22d  
Deeves G. H. Lumber Co. (Ties), Ry. Exchange  
Gillis & Co. (Timber, Ties, etc), Heyworth bldg  
Goodman K. S. Co. (Cedar Poles & Posts), 80 E Jackson blvd  
Kellogg Switchboard & Supply Co. (White Cedar Poles, etc), 1066 W Adams  
Lake Superior Piling Co. (Piling), 961 22d  
Leach L. D. & Co., 343 S Dearborn  
Lindsley Bros. Co., 72 Adams, Chicago, Ill.  
Lowe Perley & Co. (Cedar Poles), 332 S Michigan av  
Marsh & Bingham Co. (Ties), 1405 W 37th  
Marsh & Truman Lumber Co., (Oak, Fir, Yellow Pine Ties), 332 S Michigan av  
Naugle Pole & Tie Co. (Ties, Poles & Posts), 22d & S Morgan  
Raber P. W. (Cedar Ties, Poles & Posts), 30 N La Salle  
Ripley B. W., 30 N La Salle  
Schultz W. W. & A. J., Old Colony bldg  
Smith A. B. Lumber Co., Old Colony bldg  
Stone Frank B. (Ties, Poles & Posts), 80 E Jackson blvd  
Worcester C. H. Co., 19 S Lasalle  
McLEANSBORO—Wilson J. H. & Son (Ties)  
WAUKEGAN—Chicago Creosoting Co. (Ties, Timber, etc)

INDIANA.

EVANSVILLE—Indiana Tie Co. (R R Ties)  
MEDORA—Turney (Cross Ties)  
RICHMOND—Johnson B. & Son (R. R. Ties, Piles, etc.)  
TROY—Eberhard & Splater ("Ties")

IOWA.

DAVENPORT—Kennett Cypress & Hardwood Lbr. Co. (Cypress Poles & Piling)  
DES MOINES—Church W. C., Lumber Co. (White Cedar, Ties, Poles & Posts)  
Deal L. K. Lumber Co. (White Cedar Telephone Poles)  
GRINNELL—Carney B. J. & Co.

KENTUCKY.

BUCKHORN—Eversole A. B. (Ties & Logs)  
Huff & Findley Ties & Logs)  
BURNSIDE—Greeno C. C.  
CANEYVILLE—Bond W. T. (Cross Ties)  
CLOVERPORT—Weatherholt Marion (Ties)  
DANVILLE—Taylor & Moss  
ELIZABETHTOWN—Bond Bros. (R. R. Cross Ties)  
FROZEN CREEK—Day J. T. (Ties)  
GREENUP—Wilson & Eiggs (Telephone Poles & Cross Ties)  
HAZEL GREEN—Day J. T.  
HEIDELBERG—Hall Louis (Cross Ties)  
JOB—Tripp W. E. & Co. (R. R. Ties)  
KEAVEY—Storm S. L. (Ties)  
LOUISA—Northrup Jay H. (Ties)  
LOUISVILLE—Hughes W. J. & Sons Co. Ohio Valley Tie Co. (R. R. Ties)  
MOREHEAD—Bradley S. M. (R. R. Ties)  
PADUCAH—Paducah Pole & Timber Co. (Chestnut Telephone & Telegraph Poles)  
Smith A. B. Lumber Co. (Southern Red Cedar Posts)  
PAINTSVILLE—Cooper C. M. (R. R. Ties)  
Maggard L. D. & Co. (Cross Ties)

PANOLA—Madison-Jackson-Estill Lumber & Development Co. (Cross Ties, Fence Posts, Telephone Poles)

LOUISIANA.

ALEXANDRIA—Alexandria Lumber Co. (Ltd.)  
DONNER—Dibert, Stark & Brown Cypress Co. (Ltd.)  
LONGSTREET—Perry W. D. (Cross Ties)  
MORGAN CITY—Waddell-Jones Co. (Ltd.) (Cross Ties)  
NEW ORLEANS—American Creosote Works (Creosoted Ties & Poles) Southport  
St. James Timber Co. Ltd. 1110 Hibernia (Cross Ties)  
Sledell Brick & Lumber Co. Ltd. (Hensco & Foundation Piling)  
PATTERSON—Williams F. B. Cypress Co. (Ltd.), (Cypress Poles & Cross Arms)  
PLAIN DEALING—Caldwell S. J. (R. R. Ties)  
SLIDELL—Slidell Brick & Lumber Co. (Ltd.) (Hensco & Foundation Piling)  
Southern Creosoting Co. (Ltd.) (Creosoted Ties, Telegraph Poles, Piles, Timbers, etc)

MAINE.

AUGUSTA—Boyd & Harvey Co. (Cedar Ties)  
PORTLAND—Allen Wm. A. Co., (Posts)  
Berlin Mills Co. (Kyanized Spruce)  
STACYVILLE—Tracy M. M. (Ties)

MARYLAND.

BALTIMORE—Culpepper & Co. (Pine & White Oak Piles, Ties, Poles, etc), 22 E Lexington  
Grube Herman L. (Ties, Poles, Posts, Piling, Mine Props, Heavy Timber, etc), American bldg  
HOSKINS J. S. LUMBER MFG. CO. (Ties, Poles, Posts & Pine & Oak Piling)  
BRANDYWINE—Robinson A. T. (Ties)  
HAGERSTOWN—Finkhouser R. J. & Co.

MASSACHUSETTS.

BOSTON—Bates Willis C. Co. (R. R. Ties, Poles & Piling)

MICHIGAN.

BAY CITY—Michigan Pipe Co. (Ties, Poles & Posts, Creosoted, also plain)  
BOYNE CITY—White W. H. Co. (Cedar Ties & Posts)  
CHEBOYGAN—Rittenhouse John C. (Cedar)  
DAGGETT—Perrizo & Sons (Poles & Posts)  
DETROIT—Brownlee Co. (Telegraph Poles), River Rouge  
Detroit Cedar & Lumber Co., Ford bldg  
Detroit Lumber Co., Jefferson & Junction avs  
Grace Harbor Lumber Co. (Ties, Poles & Posts), ft Western blvd  
ESCANABA—Erickson & Bissell (Cedar Ties, Poles, Posts — Tiling)  
National Pole Co. (Red & White Cedar Poles)  
GRAND RAPIDS—Dregge, Groover Lumber Co.  
Union City Lumber Co.  
Warner-Newton Lumber Co. (Cedar Ties, Poles & Posts)  
HARDWOOD—Anderson P. J.  
HERMANSVILLE—Wisconsin Land & Lumber Co. (Cedar Ties, Poles & Posts)  
INGALLS—Carley Ira  
LUDINGTON—\*Stearns Salt & Lumber Co. (Poles, etc)  
MANISTIQUE—White Marble Lime Co. (Hemlock, Cedar & Tamarack Ties & Cedar Poles & Posts)  
MENOMINEE—Crawford Cedar Co. (Cedar Telephone Poles)  
Girard Lumber Co. (Ties, Poles & Posts)  
Huebel C. J. Co. (Idaho Cedar & Michigan White Cedar Poles, 40 ft & up)

MONROE—Sterling W. C. & Son (Ties, Electric Light Poles, etc)  
ONAWAY—Chandler Geo. M. (Michigan White Cedar)  
Lobdell Emery Mfg. Co. (Ties, Poles Posts)  
OSCODA—Loud H. M. Sons Co. (Poles & Posts)  
PORT HURON—Haynes Lumber Co. (Posts)  
RAPID RIVER—Madden Jerry Shingle Co.

MINNESOTA.

CLOQUET—Cloquet Tie & Post Co.  
DULUTH—Bradley Timber & Ry. Supply Co. (Telephone Poles)  
Duluth Log Co. (White Cedar Poles, Ties & Posts)  
Martin Bros. (Cedar Ties, Poles & Posts)  
National Pole Co. (Ties, Poles & Posts)  
LITTLE FALLS—Pine Tree Mfg. Co. (White Pine & White Cedar Posts)  
MINNEAPOLIS—Bell Lumber Co. (White Cedar Telephone Poles) Security bldg.  
Coolidge & Schussler (Ties, Telegraph & Telephone Poles), Metropolitan Life bldg  
Everts G. W. Lumber Co., Plym bldg  
Itasca Lumber Co. (Cedar Poles & Posts) 827 Lumber Exchange  
Kaye & Carter Lumber Co. (Cedar Piles, Ties & Posts), 1115 Lumber Exchange  
Kettle River Co. (Ties, Bridge Timbers, etc) Plymouth bldg  
Krueger A. L. Lumber Co. (Cedar Poles), 511 Lumber Exchange  
Lewis F. H. (Idaho Cedar Poles) 631 Lumber Exchange  
Lindsley Bros. Co., 31st & Univ. av, N E.  
McCulloch & Moss Lumber Co. (White Cedar Poles, Ties & Piling) 310 Lumber Exch  
Morrison J. W. Lumber Co. (White Cedar Poles) 927 Lumber Exchange  
Page & Hill Co. (Cedar Poles & Posts) Plymouth bldg  
Partridge T. M. Lumber Co. (Ties, Poles & Posts) 730 Lumber Exchange  
Standard Cedar & Lumber Co. (White Cedar Poles & Posts) 511 Lumber Exchange  
Three States Cedar Co. (Cedar Poles) Plymouth bldg  
Valentine-Clark Co. (Cedar Poles, Telegraph Poles, Railroad Ties, etc) Second Bank bldg

MISSISSIPPI.

GULFPORT—Gulfport Creosoting Co. (Ties, Poles, Piling, etc)

MISSOURI.

CABOOL—Grant-Davis Lumber Co. (Oak Piling, Fence Posts, Ties, etc)  
DES ARC—Graves & Stamp (Red & White Oak Cross Ties)  
KANSAS CITY—Mercantile Tie & Timber Co. (Piling)  
Sedgwick Tie Co. (Ties, Poles, etc), Beals bldg  
MONTGOMERY CITY—Ferguson James (R R Ties)  
MOREHOUSE—Himmelberger - Harrison Lumber Co. (Ties Only)  
POPLAR BLUFF—Leach Lbr. & Tie Co. (Ties, etc)  
ST. LOUIS—Abeles & Taussig (White Oak Ties & Cypress Poles), Commercial bldg  
Bagnell Timber Co. (Ties), Title Guarantee bldg  
Berthold & Jennings Lumber Co. (Piling, Telegraph Poles, Ties, etc), Wright bldg  
Chicago Lumber & Coal Co. (Poles & Posts) East  
Griffen Geo. M. Lumber Co. (Oak & Cypress Piling, Telephone Poles, etc), Oriel bldg  
Hearne Timber Co. (White & Red Oak Ties, Cypress Poles & Piling), Times bldg



Moss T. J. Tie Co. (Oak, Cypress & Chestnut Ties & Cypress Trolley Poles), Security bldg  
Western Tie & Timber Co. (Ties), Syndicate Trust bldg  
SPRINGFIELD—Hobart-Lee Tie Co. (R R Ties & Lumber)

**NEBRASKA.**

OMAHA—Dodds Lumber Co. (Tenn. Red Cedar & Cypress Poles)  
Nebraska Bridge Supply & Lumber Co. (Cedar)

**NEW HAMPSHIRE.**

MILFORD—Peirce W. E. & Co. (Ties, Poles & Posts)

**NEW JERSEY.**

CAMDEN—Baird David Co. (Poles & Posts, Trolley, etc)  
ERMA—Hand Robt. E. (Ties, Posts & Piling)

**NEW YORK.**

ALBANY—Hunter Dexter (Ties)  
BUFFALO—Curtiss W. L. (Ties), Birge bldg  
Elias G. & Bro., 965 Elk  
Jackson & Tindle (Cedar Ties, Poles & Posts)  
NEW YORK—American Creosoting Co. (Creosoted Ties & Timbers), 17 Battery pl  
American Tie & Timber Co., 11 B'way  
Baxter G. S. & Co. (Yellow Pine & Cypress Ties), 17 William  
Chesebro, Whitman Co. (Flag & Clothes Poles), 1167 1st av  
Cooney, Eckstein & Co. (R R Ties), 66 Broad  
Corbett & Co., 429 E 109th  
Eppinger & Russell Co., 165 B'way  
Miner Stanley H. (Timbers, Poles, Dock Logs, etc), 17 Battery pl  
Railroad Equipment Co. (Cross Ties & R R Lumber), 32 Church  
Southern Exchange Co. (Southern White Cedar Poles), 97 Warren  
Vanderbilt Edw. W. (Ties), 126 Liberty  
Western Electric Co., 463 West  
Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles), 30 E 42nd  
OSWEGO—Farwell J. B. & Co. (Cedar Poles)  
WAVERLY—Baldwin H. J. & Son (Ties)

**OHIO.**

CINCINNATI—Compressed Wood Preserving Co. (Creosoted Ties, Timbers, etc) Spring Grove & Station avs, Wm. pl  
Doran & Co., Bell blk  
Farrin M. B. Lumber Co. (R R Ties, Poles, Fence Posts & Dock Piling), Station av & Winton pl  
Mowbray & Robinson Co. (Ties, etc), 8th & Horn  
Shawnee Lumber Co. (Ties, etc), 1775 Weber Cumminsville  
CLEVELAND—Advance Lumber Co., Rockefeller bldg  
Atlas Car & Mfg. Co. (Ties Only), See adv index at end of book  
COLUMBUS—Dodson E. Saw Mill & Lumber Co. (Ties & Piling), 557 Cleveland av  
IRONTON—Ironton Cross Tie Co. (Ties)  
JACKSON—Stevenson Bros. (Cross Ties)  
LUCASVILLE—Brant & Appel Co. (Cross Ties)  
PEEBLES—Bashford E. A. (Cross Ties)  
TOLEDO—Bissell F. Co. (Cedar, Chestnut & Cypress Poles & Wood Posts)  
Jennison-Wright Co. (Creosoted Ties, Bridge Timbers, etc)  
National Pole Co. (Cedar Poles)  
WASHINGTON C. H.—Baker G. D. (Ties)

**OREGON.**

PORTLAND—Broughton & Wiggins Co., Yeon bldg  
Douglas Fir Lumber Co., Yeon bldg

**PENNSYLVANIA.**

FRANKLIN—James W. J. (Chestnut)  
NEWPORT—Sharon Samuel A.  
OIL CITY—Berry Co. (Cross Ties)

PHILADELPHIA—Bernard Bros. (R R Ties, Switch Timbers, Pine & Oak Piling, Tel. Poles & Mine Props), Land Title bldg  
Hallowell & Souder (Ties, Poles & Posts), Harrison bldg  
Risley C. V. (R. R. Ties), Bourse bldg  
Roper Jno. L. Lumber Co. (Ties), Franklin Bank bldg  
Thompson Lewis & Co. (R R Ties & Posts) N American bldg  
Union Railway Supply Co. (Electric Railway Ties & Poles), Real Estate Trust Co. bldg  
PITTSBURGH—American Bridge Co., Frick bldg  
Enos W. B. & Co. (Ties), Metropolitan & Liverpool  
Gillespie D. L. & Co. (Ties), Oliver bldg  
Henderson Lumber Co. (Chestnut Poles, Oak & Chestnut Ties), 316 4th av  
Ohio Wood Preserving Co., Commonwealth bldg  
Pittsburgh Wood Preserving Co., Commonwealth bldg  
Thompson Dwight (Cross Ties), House bldg  
ROCKWOOD—Wolf Penrose  
THOMPSONTOWN—Thomson Theo. S. (Estate of) (Ties)  
TIONESTA—Forman H. M. (Ties)

**RHODE ISLAND.**

PROVIDENCE—Walling H. E. (Poles & Ties), Grosvenor bldg

**SOUTH CAROLINA.**

ALCOLU—Alderman D. W. & Sons Co. (Octagonal or Square Poles)  
CHARLESTON—Anderson Lumber Co. (Ties)  
Cook W. P. & Co. (Ties)  
MAYESVILLE—Bland Jas. F. (Cross Ties)

**TENNESSEE.**

MEMPHIS—Meredith J. P. Cedar Co. (Red Cedar Piling, Poles & Posts)  
NASHVILLE—Nashville Tie Co. (Cross Ties & Cedar Pilings)  
Ransom J. B. & Co. (Red Cedar Posts & Poles)

**TEXAS.**

BEAUMONT—Keith Lumber Co. (Ties)  
Nona Mills Co. Ltd. (Ties)  
GALVESTON—Heiskell Jas. M. (R R Ties)  
International Creosoting & Const. Co. (Creosoted Ties, Bridge Timbers, Piling, Poles, etc)  
HOUSTON—Bender C. & Sons (Ties & Bridge Timbers)  
Carter W. T. Lumber & Bldg. Co. (Ties, etc)  
Continental Lumber Co.  
Houston & Liggett (Red Cedar Telephone Poles & Fence Posts)  
Kirby Lumber Co. (Ties etc)  
Sigler Grey (Piling, Lumber, etc)  
Texas & Louisiana Lumber Co. (Posts, Timbers, Ties, etc)

**VIRGINIA.**

NORFOLK—Norfolk Creosoting Co. (Poles, Posts, Piling, etc)  
Roper John L. Lumber Co. (Ties & Posts Only)  
PORTSMOUTH—Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles)  
RICHMOND—Conquest P. L. & Son (Cross Ties), Amer. Natl. Bank bldg  
Johnson & Briggs (Ties), Mutual bldg  
ROANOKE—Valley Tie & Lumber Co. (Cross Ties Only)  
STAUNTON—Valley Tie & Lumber Co.  
TALLEYSVILLE—Richardson R. E. (Ties)

**WASHINGTON.**

COSMOPOLIS—Grays Harbor Commercial Co. (Cross Ties & Poles)  
EVERETT—National Pole Co. (Red & White Cedar Poles)  
OSTRANDER—Ostrander Railway & Timber Co. (Long Fir Timbers & R. R. Ties)

PORT BLAKELEY—Port Blakeley Mill Co. (Ties)  
PORT LUDLOW—Puget Mill Co., See San Francisco, Cal.  
SEATTLE—Miller A. W. Saw Mill Co.  
Northwest Lumber Co. (Spars, Piles & Telegraph Poles)  
Pacific Fir Co. (Ties)  
Puget Mill Co. (Fir Spars)  
Seattle Construction & Dry Dock Co. (Piles)  
SPOKANE—Carney B. J. Co.  
Chapin E. T. Co.  
Lindsley Bros. Co. (Cedar Poles)  
Pacific Coast Pole Co. (Ties, Poles & Piling)  
TACOMA—St. Paul & Tacoma Lumber Co. ("Douglass" Fir Piles, Ties, Bridge Material, etc)  
Tacoma Mill Co. (Piles & Telephone Poles)  
WINLOCK—O'Connell Lumber Co. (Poles & Piling up to 100 ft.)

**WEST VIRGINIA.**

CHARLESTON—Courtney Co. (R. R. Ties)  
HUNTINGTON—Mercereau-Hawkins Tie Co.  
Nigh S. H. & Bro.  
RICHWOOD—Cherry River Boom & Lumber Co. (Telephone Poles, etc),

**WISCONSIN.**

CLINTONVILLE—Torrey Cedar Co. (Poles & Posts)  
DUNBAR—Girard Lumber Co. (Ties, Poles & Posts)  
GOODMAN—Goodman Lumber Co. (Cedar Poles & Posts)  
GREEN BAY—Northland Lumber Co. (Posts)  
Valentine-Clark Co. (Cedar Ties, Poles, etc)  
MADISON—Collins Esslen Lumber Co. (Posts & Ties)  
MARSHFIELD—Connor R. Co. (Cedar Poles & Posts)  
MILWAUKEE—MacGillis & Gibbs Co., Wells bldg  
OSHKOSH—Morgan Co. (Cedar Poles & Posts)  
RHINELANDER—Robbins Lumber Co. (Cedar Posts)  
TOMAHAWK—Brooks H. L. Co. (Cedar Posts, etc)  
WITTENBERG—Glaubitz R. B. (Posts & Poles)  
Wheeler-Arnold Co.

**15566—Ties (Reinforcing Material)**

Neevell Mfg. Co., 1409 Kansas av, Kansas City, Mo.

**15567—Ties (Steel)**

Cambria Steel Co. ("Slick" Mine), Widener bldg, Philadelphia, Pa.  
EASTON CAR & CONSTRUCTION CO., 4th st, Easton, Pa.  
Fairmont Mining Machinery Co. (For Mines), Fairmont, W. Va.  
Sweets Steel Co., Williamsport, Pa.  
Universal Metallic Tie Co., Salt Lake City, Utah  
Valley Forging Co., Verona, Pa.

**15568—Ties (Steel Railroad)**

American Bridge Co. (Pressed for Street & Steam Railways), 30 Church, New York  
Carnegie Steel Co., Carnegie bldg, Pittsburgh, Pa.  
Easton Car & Construction Co., 4th st, Easton, Pa.  
International Steel Tie Co. (Twin Ties), 16702 Waterloo, Cleveland, O.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

**Ties (Veneer)**

See Ties, Wall



**15569—Ties (Wall)**

Allegheny Steel Band Co., Oliver bldg, Pittsburgh, Pa.  
 American Rolling Mill Co. ("Miami," "Bull Dog" & "Veneer"), Middletown, O.  
 Beatrice Steel Tank Mfg. Co. ("New-Way"), Beatrice, Neb.  
 Berger Mfg. Co., Canton, O.  
 Bostwick Steel Lath Co. ("Bostwick" Galvanized), Niles, O.  
 Burton W. J. Co. (Brock & Cement), Junction & Leavitt av, Detroit, Mich.  
 Bushnell Tank Works, Bushnell, Ill.  
 Church Appliance Mfg. Co. ("Excelsior," Wire "Umpire" Sheet Steel), La Salle, Ill.  
 Clark W. J. Co., Salem, O.  
 Dowman-Dozier Mfg. Co. (Metal), Atlanta, Ga.  
 Duplex Hanger Co. ("Cleveland" Galvanized & Corrugated), Cleveland, O.  
 East Birmingham Iron Roofing & Co., Birmingham, Ala.  
**EDWARDS MFG. CO., The**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Hamblin & Russell Mfg. Co. ("Standard" Perforated Steel), Worcester, Mass.  
 Harry O. K. Steel Works, Dallas, Texas  
 Hastings Foundry & Iron Works, Hastings, Neb.  
 Johnston J. D., Newport, R. I.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Londelius C. A. & Sons Co., 847 W 63d, Chicago, Ill.  
 McDowell Mfg. Co. ("Pittsburgh" Steel), Home Trust bldg, Pittsburgh, Pa.  
 Mercer Mfg. Co. ("Myers"), Mercer, Pa.  
 Merwin Mfg. Co. ("Herringbone" Galvanized), Erie, Pa.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Minnesota Tank Co., 1415 S E 8th, Minneapolis, Minn.  
 New Orleans Roofing & Metal Co. Cortez & Orleans, New Orleans, La.  
 Niagara Falls Metal Stamping Works ("Niagara Veneer 12," Galvanized for Concrete Block Walls), Niagara Falls, N. Y.  
 Norman W. F. Sheet Metal Mfg. Co. (Galvanized Sheet Metal), Nevada, Mo.  
 Page Woven Wire Fence Co. ("Page"), Adrian, Mich.  
 Peters Jas. & Son (Steel), 1934 N Front, Phila., Pa.  
 Prescott J. B. & Son ("Morse" Ties & Bonds), Webster, Mass.  
 Reeves Mfg. Co., Dover, O.  
 Robertson W. F. Steel & Iron Co. (Galvanized Steel), Elm & Commerce, Cincinnati, O.  
 St. Paul Roofing, Cornice & Ornament Co. ("St. Paul" Brick Bonds), West St. Paul, Minn.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Souther E. E. Iron Co. (Galvanized), Klenlin & Hamburger, St. Louis, Mo.  
 Sykes Metal Lath & Roofing Co., Niles, O.  
 Union Building Material Co. ("Union"), 231 10th av, New York  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.  
 Wicks M. O. Mfg. Co., Glen Cove, N. Y.  
 Willis Mfg. Co., Galesburg, Ill.

**WRIGHT WIRE CO.** (Truss & Cable), Worcester, Mass.  
*See adv index at end of book*

**15570—Ties (Wall for Concrete Forms)**

Andrews Wire & Iron Works ("Androck"), Rockford, Ill.  
 Clark W. J. Co., Salem, O.  
 Decker Mfg. Co., Keokuk, Ia.

**15570a—Ties & Tyers (Bag)**

Curry J. P. Mfg. Co. ("Curry"), 110 E 23d, New York  
 United Wire Tie Co., Toledo, O.

**15571—Tighteners (Chain)**

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.  
 Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P R Ry, Phila., Pa. *See adv index at end of book*

**15572—Tile (Art & Decorative)**

*See also Tile, Encaustic Floor*  
 Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th, New York  
 Associated Tile Mfrs., Masonic bldg, Beaver Falls, Pa.  
 Beaver Falls Art Tile Co., Beaver Falls, Pa.  
 Burnt Tile & Porcelain Co., Columbus, O.  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 De Smet Quartz Tile Co., 135 W Washington, Chicago, Ill.  
 Fiske & Co. ("Tapestry"), 25 Arch, Boston, Mass.  
 Grueby Faience & Tile Co., cor K & 1st, Boston, Mass.  
**JACKSON EDWIN A. & BRO. (INC.)** (Dealers in All Kinds), 50 Beekman, New York *See adv index at end of book*  
 Jackson Wm. H. Company (Dealers in All Kinds of Art & Decorative Tiles), 2 W 47th, New York  
 Lage B. H., 484 Greenwich, New York  
 Mosaic Tile Co. (Ceramic, Enameled & Glazed), Zanesville, O.  
 Martin Brick Co., Empire bldg, Pittsburgh, Pa.  
 Matawan Tile Co., Matawan, N. J.  
 Mueller Mosaic Co., Trenton, N. J.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.  
 Owens J. B. Floor & Wall Tile Co., Zanesville, O.  
 Pardee C. Works, Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Rookwood Pottery Co., Rookwood Pt Mt. Ad, Cincinnati, O.  
 Trent Tile Co., Trenton, N. J.  
 Upson Co. ("Upson-Fibre Tile"), Lockport, N. Y.  
 U. S. Encaustic Tile Wks., Indianapolis, Ind.  
 Yingling Martin Brick Co., Pittsburgh, Pa.

**15573—Tile (Bake Oven)**

Albrecht Francis J., 1146 Penn av, Pittsburgh, Pa.  
 Fiske & Co., 25 Arch, Boston, Mass.  
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.  
 Maurer Henry & Son, 420 E 23d, New York  
 Presbrey Stove Lining Co., Taunton, Mass.  
 St. Louis Vitrified & Fire Brick Co., Wainwright bldg, St. Louis, Mo.

**15574—Tile (Book)**

United States Gypsum Co. ("Pyrobar"), 205 W Monroe, Chicago, Ill.

**15575—Tile (Cement Floor)**

De Smet Quartz Tile Co., 133 W Washington, Chicago, Ill.  
 National Mosaic Flooring Co., Mobile, Ala.

**15576—Tile (Ceramic) Mosaic Floor**

Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th, New York  
 Art Mosaic & Tile Co., Toledo, O.  
 Associated Tile Mfrs. Mosanic bldg, Beaver Falls, Pa.  
 Atlantic Tile Mfg. Co., Matawan, N. J.  
 Brooklyn Vitrified Tile Wks., 75 4th, Brooklyn, N. Y.  
 Brunt Tile & Porcelain Co., Columbus, O.  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 Cassini Mosaic & Tile Co., 1027 B'way, Cincinnati, O.  
 Grueby Faience & Tile Co., Boston, Mass.  
 Illinois Mosaic Tile Co., 3601 S Ashland av, Chicago, Ill.  
 Kenilworth Tile Co., Newell, W. Va.  
 Lage B. H., 484 Greenwich, New York  
 Factory: Menlo Park, N. J.  
 Matawan Tile Co., Matawan, N. J.  
 Mosaic Tile Co., Zanesville, O.  
 Mueller Mosaic Co., Trenton, N. J.  
 National Mosaic Co., 338 Pennsylvania av, Washington, D. C.  
 National Mosaic Flooring Co. ("Adamantile"), Mobile, Ala.  
 National Mosaic Tile Co., 2101 S Kedzie av, Chicago, Ill.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.  
 Owens J. B. Floor & Wall Tile Co., Zanesville, Ohio  
 Pardee C. Works, Perth Amboy, N. J.

Perth Amboy Tile Wks., Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Traitel Marble Co., Webster av & E R, Long Island City, N. Y.  
 Trent Tile Co. (Vitrified & Glazed), Trenton, N. J.  
 U. S. Encaustic Tile Wks., Indianapolis, Ind.  
 Wheeling Tile Co., Wheeling, W. Va.

**15577-8—Tile (Cork)**

Dreadnought Flooring Co. ("Dreadnought" Interlocking), 154 W 18th, New York  
 Johns H. W.-Manville Co., Madison av & 41st, New York  
 Kennedy David E. Inc. ("Nonpariel"), 53 5th av, New York  
 Marbleoid Co. ("Marbleoid"), 47 W 34th, New York  
 United Cork Co., 50 Church, New York

**15579—Tile (Drain)**

*See also Firms in Brick, Common, with the word Tile following their name*  
 Ada Clay Co., Ada, O.  
 Akron Vitrified Clay Mfg. Co., Akron, O.  
 American Brick & Tile Co., Mason City, Ia.  
 American Clay Products Co., 175 5th av, New York  
 American Fire Brick Co., Spokane, Wash.  
 American Sewer Pipe Co., Akron, O.  
 Arbuckle & Son, Rays Crossing, Ind.  
 Argillo Works, Carbon Cliff, Ill.  
 Athens Brick & Tile Co., Athens, Texas  
 Ayer, McCarel & Reagon Clay Co., Brazil, Ind.  
 Bannon F. Pipe Co. (Farm), Louisville, Ky.  
 Bell C., Craigville, Ind.  
 Biglow E. Co., New London, O.  
 Blackmer & Post Pipe Co. (Salt Glazed Vitrified), Boatmen's Bank bldg, St. Louis, Mo.  
 Boone Brick, Tile & Paving Co., Boone, Ia.  
 Bradshaw & Co., Fort Dodge, Ia.  
 Brandt Clay Products Co., Binghamton, N. Y. Works: Brandt, Pa.  
 Butte Sewer Pipe & Tile Co., Butte, Mont.  
 Cedar Rapids Brick Co., Cedar Rapids, Ia.  
 Chattanooga Sewer Pipe & Fire Brick Co., Chattanooga, Tenn.  
 Clark N. & Sons, 112 Natoma, San Francisco, Cal., & Alameda, Cal.  
 Clay Product Co., 175 W Jackson blvd, Chicago, Ill.  
 Cooper Jno., 111 Clay, Brooklyn, N. Y.  
 Daubenmire C. E., Union City, Ind.  
 Dawson Brick & Tile Co., Springfield, Ill.  
 Dee Wm. E. Clay Mfg. Co., 30 N La Salle, Chicago, Ill. Works: Mecca, Ind.  
 Delaware Clay Mfg. Co., Delaware, O.  
 Denman W. M., West Unity, O.  
 Denny-Renton Clay & Coal Co., Seattle, Wash.  
 Dickey W. S. Clay Mfg. Co., Kansas City, Mo.  
 Dickson Bros., Whiteland, Ind.  
 Diefethaler Co., Mullbury, O.  
 Duffy J. P. Co., 207 E 138th, New York  
 Eastern Clay Goods Co., 141 Milk, Boston, Mass.  
 Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.  
 Everal F. H. & Co., Westerville, O.  
 Far West Clay Co., Tacoma, Wash.  
 First Av Brick & Tile Co., Evansville, Ind.  
 Gerhard F. J., 110 Belmont av, Newark, N. J.  
 Gladding, McBean & Co., Crocker bldg, San Francisco, Cal.  
 Greer-Beatty Clay Co., Magnolia, O.  
 Hillsboro Brick & Tile Co., Hillsboro, Ill.  
 Hobbs Drain Tile Co., Hobbs, Ind.  
 Indiana Drain Tile Co. (Made from Shale), Brooklyn, Ind.  
 Iowa Pipe & Tile Co., Des Moines, Ia.  
 Jackson John H. Tile Co., Albany, N. Y.  
 Kankakee Tile & Brick Co., Kankakee, Ill.  
 Lancaster Brick & Tile Co. Builders' Exch., Buffalo, N. Y.  
 Lee M. J. Drain Tile Co. (4 to 30 inches), Colfax, Ind.  
 Lehigh Sewer Pipe & Tile Co. (Salt Glazed Vitrified Only), Fort Dodge, Ia.  
 Lindley Thomas F., Kempton, Ind.  
 Macomb Sewer Pipe Co., Macomb, Ill.  
 Manteno Brick & Tile Co., Manteno, Ill.  
 Mason City Brick & Tile Co., Mason City, Iowa  
 Mason City Clay Works, Mason City, Ia.  
 Mason City Sewer Pipe Co., Mason City, Ia.  
 Mason H. R., Monroeville, O.



Merrick C. H. (Farm), Syracuse, N. Y.  
 Morley Clay Products Co. (Brick & Tile),  
 Ottumwa, Ia.  
 Morral Clay Co., Morral, O.  
 National Drain Tile Co., Streator, Ill.  
 National Drain Tile Co., Terre Haute, Ind.  
 National Fire Proofing Co., Land Title  
 bldg, Pittsburgh, Pa.  
 Northwestern Clay Mfg. Co. (Vitrified),  
 New Windsor, Ill.  
 Oconee Brick & Tile Co., Milledgeville, Ga.  
 Orestes Drain Tile Co., Orestes, Ind.  
 Platt Pressed & Fire Brick Co. (Agricul-  
 tural), Van Meter, Ia.  
 Pomona Terra Cotta Co., Pomona, N. C.  
 Portage Silica Co., Youngstown, O.  
 Portland Drain Tile Co., Portland, Ind.  
 Prame F. J., Shiloh, Ohio  
 Red Wing Sewer Pipe Co., Red Wing, Minn.  
 Richeson, Nelson & Moore, Greenville, O.  
 Roanoke Drain Tile Co., Roanoke, Ind.  
 Robinson Clay Product Co., Akron, O.  
 Rochester Brick & Tile Mfg. Co., Roch-  
 ester, N. Y.  
 Rockport Drain & Tile Co., Rockport, Ind.  
 San Antonio Sewer Pipe Co., San Antonio,  
 Texas  
 Sieg John A., Marshallton, Ia.  
 Sioux City Brick & Tile Co., Sioux City,  
 Ia.  
 Somerville Thos. Co., 312 13th. N W, Wash-  
 ington, D. C.  
 Southern Brick & Tile Co., Louisville, Ky.  
 Southern Sewer Pipe Co. (Farm), Birming-  
 ham, Ala.  
 Steiger Terra Cotta & Pottery Works,  
 Mills bldg, San Francisco, Cal.  
 Stevens H. Sons Co., Macon, Ga.  
 Stookey D. W., Cedar Rapids, Ia.  
 Streator Clay Mfg. Co., Streator, Ill.  
 Summitville Drain Tile Co., Summitville,  
 Ind.  
 Sweetser's Drain Tile Co., Sweetser's, Ind.  
 Union Sewer Pipe Co., McKeesport, Pa.  
 United Cork Co. ("Crescent"), 50 Church,  
 New York  
 Vigo-Amer. Clay Co., Terre Haute, Ind.  
 Vigo Tile & Brick Co., Vigo, O.  
 Waynesfield Drain Tile Co., Waynesfield,  
 O.  
 Williams N. A. Co., 133 W Wash., Chicago,  
 Ill.  
 Winslow & Co., Portland, Me.  
 Zuber Drain Tile Co., Columbia City, Ind.

**15580— Tile (Enameled)**

Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th,  
 New York  
 Associated Tile Mfrs., Mosanic bldg,  
 Beaver Falls, Pa.  
 Beaver Falls Art Tile Co., Beaver Falls,  
 Pa.  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 Grueby Faience & Tile Co., cor K & 1st,  
 Boston, Mass.  
 Matawan Tile Co., Matawan, N. J.  
 Mosaic Tile Co., Zanesville, O.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co.,  
 Old Bridge, N. J.  
 Owens J. B. Floor & Wall Tile Co., Zanes-  
 ville, O.  
 Pardee C. Works, Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Tiffany Enamel Brick Co., Mokena, Ill.  
 Trent Tile Co., Trenton, N. J.  
 U. S. Encaustic Tile Works, Indianapolis,  
 Ind.

**15581—Tile (Enameled Metal)**

New York Metal Ceiling Co. ("Ename-  
 tile"), 537 W 24th, New York  
 Northrop Coburn & Dodge Co. ("No-Co-  
 Do"), 40 Cherry, New York  
 Penn Metal Co. ("Loxon"), 201 Devon-  
 shire, Boston, Mass.  
 Phoenix Metal Tile Co., 193 Pearl, Brook-  
 lyn, N. Y.  
 Stengel Bros. Co. ("Metile" & "Excel-  
 tile"), Thompson & Chrtrs., Pitts-  
 burgh, Pa.

**15582—Tile (Encaustic Floor)**

Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th,  
 New York  
 Associated Tile Mfrs., Mosanic bldg, Beaver  
 Falls, Pa.  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 Grueby Faience & Tile Co., Boston, Mass.  
 Matawan Tile Co., Matawan, N. J.

Mueller Mosaic Co., Trenton, N. J.  
 Mosaic Tile Co., Zanesville, O.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co.,  
 Old Bridge, N. J.  
 Owens J. B. Floor & Wall Tile Co., Zanes-  
 ville, O.  
 Pardee C. Works, Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Trent Tile Co., Trenton, N. J.  
 U. S. Encaustic Tile Works, Indianapolis,  
 Ind.

**15583— Tile (Fibre)**

Upson Co. ("Upson-Fibre Tile"), Lock-  
 port, N. Y.

**15584—Tile (Fire Proofing or Parti-  
tion)**

Camp Conduit Co., 306 Marshall bldg,  
 Cleveland, O.  
 Hydraulic-Press Brick Co., St. Louis, Mo.  
 Indiana Drain Tile Co. (3 to 12 inches,  
 Made from Shale), Brooklyn, Ind.  
 National Fireproofing Co., Fulton bldg,  
 Pittsburgh, Pa.  
 Oconee Brick & Tile Co., Milledgeville,  
 Ga.

**15585—Tile (Floor or Porch)**

Associated Tile Mfrs., Mosanic bldg,  
 Beaver Falls, Pa.  
 Camp Conduit Co., 306 Marshall bldg,  
 Cleveland, O.  
 Corry Brick & Tile Co. (Vitrified Red),  
 Corry, Pa.  
 De Smet Quartz Tile Co., 133 W Washing-  
 ton, Chicago, Ill.  
 Goldsmith Metal Lath Co. (Metal Fire-  
 proof Floor), 53 Central av, Cincin-  
 nati, O.  
 Hydraulic-Press Brick Co. ("Hy-tex"),  
 St. Louis, Mo.  
 Martin Brick Co., Empire bldg, Pitts-  
 burgh, Pa.  
 Oconee Brick & Tile Co., Milledgeville,  
 Ga.  
 Ridgeway Brick Co., Ridgeway, Pa.  
 Yingling Martin Brick Co. ("Prom-  
 enade"), Pittsburgh, Pa.

**15586— Tile (Glass)**

Opalite Tile Co. ("Cosmos," "Opalite"),  
 Monaca, Pa.

**15587— Tile (Gypsum)**

Keystone Fireproofing Co., Chester, Pa.  
 United States Gypsum Co. ("Pyrobar"),  
 205 W Monroe, Chicago, Ill.

**15588—\*Tile (Illuminating Whole-  
sale Mfrs.)**

**RODEFER GLASS CO., THE**, Bellaire, O.  
*See adv index at end of book*

**15589— Tile Importers**

Mart & Lawton (Milton Holling & Co.'s  
 English Glazed Tile), 1123 B'way,  
 New York  
 Revis Wm. H. ("Welsh"), 1128 B'way,  
 New York

**15590-1—Tile ("Moravian")**

Moravian Pottery & Tile Works (Glazed  
 & Unglazed in Various Colors), Doylest-  
 own, Pa.

**Tile (Mosaic)**

See Tile, Ceramic Mosaic Floor; also  
 Mosaics, Floor

**15592—Tile (Non-absorbent Floor)**

Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th,  
 New York  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 Grueby Faience & Tile Co., Boston, Mass.  
 Matawan Tile Co., Matawan, N. J.  
 Mosaic Tile Co., Zanesville, O.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co.,  
 Old Bridge, N. J.  
 Pardee C. Works, Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Trent Tile Co., Trenton, N. J.

**15593— Tile (Quarry)**

Associated Tile Mfrs., Mosanic bldg,  
 Beaver Falls, Pa.  
 Revis Wm. H. ("Welsh," Imp.), 1123  
 B'way, New York

**15594—Tile (Recuperator Flue)**

Harbison-Walker Refractories Co., Farm-  
 ers' Bank bldg, Pittsburgh, Pa.

**Tile (Roofing)**

See Roofing Tile, Various Kinds

**15595— Tile (Rubber)**

See also Mats & Matting, Rubber  
 Combination Rubber Mfg. Co., Bloomfield,  
 N. J.  
 Goodrich B. F. Co. (Interlocking), Akron,  
 Ohio  
 Goodyear Tire & Rubber Co. (Interlock-  
 ing), Akron, O.  
 Hewitt Rubber Co. (Inlaid), Buffalo, N. Y.  
 Home Rubber Co., Trenton, N. J.  
 International Rubber Co., 120 B'way, New  
 York  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 N. J. Car Spring & Rubber Co., 91 Bruns-  
 wick, Jersey City, N. J.  
 New York Belting & Packing Co. (Inter-  
 locking), 91 Chambers, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New  
 York  
 Pennsylvania Rubber Co. ("Pennsylvania"  
 Interlocking), Jeannette, Pa.  
 Republic Rubber Co., Youngstown, O.  
 Salisbury W. H. & Co. ("Velvet"), 105 S  
 Wabash av, Chicago, Ill.  
 United & Globe Rubber Mfg. Co., Trenton,  
 N. J.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av,  
 Jersey City, N. J.  
 Western Rubber Co. (Interlocking), Gosh-  
 en, Ind.

**15596— Tile (Sidewalks)**

See also Brick Manufacturers, Vitrified  
 Paving  
 Nelsonville Brick Co., Nelsonville, O.  
 Soisson Jos. Fire Brick Co., Connellsville,  
 Pa.

**Tile (Slate)**

See Slate Floor Tile

**15597— Tile (Terra Vitrea)**

Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th,  
 New York  
 Beaver Falls Art Tile Co., Beaver Falls,  
 Pa.  
 Grueby Faience & Tile Co., Boston, Mass.  
 Matawan Tile Co., Matawan, N. J.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co.,  
 Old Bridge, N. J.  
 Owens J. B. Floor & Wall Tile Co., Zanes-  
 ville, O.  
 Pardee C. Works, Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Trent Tile Co., Trenton, N. J.  
 U. S. Encaustic Tile Works, Indianapolis,  
 Ind.

**15598—Tile (Vitreous Floor)**

Akron Roofing Tile Co. (Quarries), Brook-  
 st, Akron, O.  
 Alexander & Reid Co., 355 W 36th, New  
 York  
 Alhambra Tile Co., Newport, Ky.  
 American Encaustic Tiling Co., 16 E 40th,  
 New York  
 Associated Tile Mfrs., Mosanic bldg,  
 Beaver Falls, Pa.  
 Brooklyn Vitrified Tile Works, 75 4th,  
 Brooklyn, N. Y.  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 Fisk & Co., 25 Arch, Boston, Mass.  
 Fleming & Co. (Red, Buff & Black Quar-  
 ries), 253 B'way, New York  
 Lage B. H., 484 Greenwich, New York  
 Matawan Tile Co., Matawan, N. J.  
 Mosaic Tile Co. (Also Semi-Vitreous or  
 Encaustic), Zanesville, O.  
 National Tile Co., Anderson, Ind.  
 Old Bridge Enameled Brick & Tile Co.,  
 Old Bridge, N. J.  
 Owens J. B. Floor & Wall Tile Co., Zanes-  
 ville, O.  
 Pardee C. Works, Perth Amboy, N. J.



Perth Amboy Tile Works, Perth Amboy, N. J.  
 Robertson Art Tile Co., Morrisville, Pa.  
 Rossman Robert Co., 149 W 24th, New York  
 Trent Tile Co. (White & Colored), Trenton, N. J.  
 U. S. Encaustic Tile Wks., Indianapolis, Ind.  
 Wheeling Tile Co., Wheeling, W. Va.

### Tile (Wall)

See Tile, Art & Decorative

### Tiling (Acid Proof)

See Brick, Acid Proof

### Tiling (Interlocking Rubber)

See Firms in Tile, Rubber, with the word "Interlocking" following their Name

### 15599— Tillers (Boat)

Wilcox, Crittenden & Co., Middletown, Conn.

### Tills (Alarm)

See Drawers, Cash or Money

### 15600— Tilters (Bloom)

Neumeyer & Dimond ("Demag" Imp.), 82 Beaver, New York

### Time Detectors

See Clocks, Watchman's

### 15601-2— \*Time Recorders

See also Recorders, Time

**HOWARD E. CLOCK CO.**, Broomfield & Washington, Boston, Mass.  
*See adv index at end of book*

### 15603— Timers (Egg)

Cassady Fairbank Mfg. Co., 6126 S La-salle, Chicago, Ill.  
 Silver & Co., 308 Hewes, B'klyn, N. Y.

### 15604— Timers (Spark)

Akar Ignition Co. ("Akar"), 149 Berkley, Wayne Junction, Philadelphia, Pa.  
 American Coil Co., Foxboro, Mass.  
 Byrne, Kingston Co., Kokomo, Ind.  
 Connecticut Telephone & Electric Co., Meriden, Conn.  
 Crouse-Hinds Co., Syracuse, N. Y.  
 Dow Mfg. Co., Braintree, Mass.  
 Fulmer C. F. ("Invincible"), Plainfield, N. J.  
 Heinze Electric Co., Lowell, Mass.  
 Herz & Co., 245 W 55th, New York  
 Kokomo Electric Co., Kokomo, Ind.  
 Milwaukee Auto Eng. & Supply Co., 708 Winnebago, Milwaukee, Wis.  
 Mosler A. R. & Co. ("Eccentric"), Yonkers, N. Y.  
 New York Coil Co., 338 Pearl, New York  
 Pittsfield Spark Coil Co., Pittsfield, Mass.  
 Post & Lester Co. ("E. I. C."), Hartford, Conn.  
 Powell Muffler & Timer Co. ("Twentieth Century"), Utica, N. Y.  
 Schug Elec. Mfg. Co., Detroit, Mich.  
 Splitdorf C. F., 98 Warren, Newark, N. J.

### 15605— Tin (Bar & Pig)

American Smelting & Refining Co., 120 B'way, New York  
 Baerwald Emil (Pig Tin), 61 B'way, New York  
 Bogue Wensley Lead Co., Denver, Colo.  
 Chadwick-Boston Lead Co., Boston, Mass.  
 Coates, Bennett & Reidenbach, Rochester, N. Y.  
 Eagle Smelting & Refining Works, 233 B'way, New York  
 Foreign & Domestic Metal Co. ("Straits"), Cleveland, O.  
 Gilbert A. & Sons Brass Foundry Co., 4019 Forrest Park bldg, St. Louis, Mo.  
 Goldschmidt Detinning Co., 120 B'way, New York  
 Hayman Mich'l & Co., Buffalo, N. Y.  
 Hendricks Bros., 49 Cliff, New York  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Jacobson I. M. & Sons & Co. (Bar), 70 Catherine, Detroit, Mich.

Lewis John T. & Bros. Co. (Bar), Lafayette bldg, Phila., Pa.  
 Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.  
 More-Jones Brass & Metal Co. (Bars), B'way & Dock, St. Louis, Mo.  
 Nassau Smelting & Refining Works, 609 W 29th, New York  
 National Copper Refining Co. (Pig), Cleveland, O.  
 Norden A. & Co. (Imp.), Cotton Exch. bldg, New York  
 Peerless Alloy Co., Denver, Colo.  
 Pope Metals Co. (Dealers & Importers), 90 West, New York  
 Pressprich & Son Co. (Imp.), 96 Wall, New York  
 Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.  
 Seligman Arthur (Pig Imp.), 165 B'way, New York  
 Taylor N. & G. Co. (Imp. Pig Tin), Phila., Pa.  
 Trench C. S. & Co., 81 Fulton, New York  
 Trotter, Nathan & Co. (Imp. Pig Tin), 36 N Front, Phila., Pa.  
 United Lead Co. (Bar Tin), 111 B'way, New York  
 United States Reduction Co., E Chicago, Ind.  
**UNITED SMELTING & ALUMINUM CORP.** (Jobbers), 187 Commerce, New Haven, Conn. *See adv index at end of book*  
 Union Smelting & Refining Co., 14th & Av D, New York  
 Vernon Metal & Produce Co., 25 Beaver, New York  
 Vulcan Detinning Co. (Pig Tin), Sewaren, N. J.  
 Winter Son & Co. (Pig Imp.), 64 Wall, New York  
 Woodfall Bros., 1105 Fairmount av, Phila., Pa.

### 15606— Tin (Block)

Chadwick-Boston Lead Co. (Sheet), Boston, Mass.  
 United Lead Co. (Sheet), 111 B'way, New York

### 15607— \*Tin (Bright)

**MERCHANT & EVANS CO.**, 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

### 15608— Tin Crystals

Butterworth-Judson Co., Passaic River, Newark, N. J.  
 General Chemical Co., 25 Broad, New York  
 Grassell Chemical Co., Guardian bldg, Cleveland, O.  
 Innis, Speiden & Co. Inc., 46 Cliff, New York *See adv index at end of book*  
 Klipstein A. & Co. (Imp.), 644 Greenwich, New York  
 Merrimac Chemical Co., 148 State, Boston, Mass.  
 Wiarda John C. & Co. (Jobbers), 273 Greene, Brooklyn, N. Y.

### 15608a— \*Tin (Flashing)

**MERCHANTS & EVANS CO.**, 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

### 15609— Tin Foil

American Foil Co., 617 E 18th, New York  
 Budde & Westermann, 7th av & 29th, New York  
 Conley Tinfoil Co. (Wrapping Machine Foil), 521 W 25th, New York  
 Crooke Jno. J. Co., 68 William, New York  
 Hutchinson W. H. & Son, 319 S Desplaines, Chicago, Ill.  
 Johnston Tin Foil & Metal Co., 6020 S B'way, St. Louis, Mo.  
 Lehmaier, Schwartz & Co., 207 E 22nd, New York  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 Wittemann Bros., 41 Ferris, Brooklyn, N. Y.

### 15609a— \*Tin (Gutter)

**MERCHANT & EVANS CO.**, 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

### 15610— Tin Plate Bars

See also Black Plates for Tinning  
 Andrews Steel Co. (Acid & Basic Open Hearth Steel), Newport, Ky.  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Carnegie Steel Co. (Bessemer Steel), Carnegie bldg, Pittsburgh, Pa.  
 Follansbee Bros. Co., Pittsburgh, Pa.  
 Illinois Steel Co., 208 S La Salle, Chicago, Ill.  
 Republic Iron & Steel Co., Youngstown, O.  
 Taylor N. & G., Mariner & Merchant bldg, Phila., Pa.

### Tin Plate Dipperies

See Tin Plate Manufacturers

### 15611—\*Tin Plate Importers

**LEAVITT C. W. & CO.**, 34 Church, New York *See adv index at end of book*  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*

### 15612— Tin Plate Mfrs.

See also Black Plates for Tinning; Also Tin Plate Bars

Alcania Co. (Tin & Terne Plate), Oliver bldg, Pittsburgh, Pa.  
 American Sheet & Tin Plate Co. (Tin & Terne Plate), Frick bldg, Pittsburgh, Pa.  
 Berger Mfg. Co. (Charcoal & Open Hearth, etc, Bright & Terne), Main Office & Works: Canton, O.  
 Buhl Stamping Co. (Tin Plate for Their Own Consumption Only), Detroit, Mich.  
 Canonsburg Steel & Iron Works (Tin & Terne Plate), Canonsburg, Pa.  
 Carnahan Tin Plate & Sheet Co. (Tin & Terne Plate), Canton, O.  
 Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.  
 De Forest Sheet & Tin Plate Co., Niles, O.  
 Ferguson Tin Plate Co. (Terne Plates, Buy Black Sheets), Torrens & P. R. R., Pittsburgh, Pa.  
 Follansbee Bros. Co. (Bright Charcoal, Tin & Terne Plate, "Banfield Best Bright," "Gilbert" & "Rosedale"), Pittsburgh, Pa.  
 Griffiths Charcoal Iron Mills (Tin Plate Only), Washington, Pa.  
 Heim L. J. & Co. ("Hamilton"), Park bldg, Pittsburgh, Pa.  
 Horner W. S. & Co. (Terne Plates), Oliver bldg, Pittsburgh, Pa.  
 Jones & Laughlin Steel Co. (Bright Coke Plates; also Black Plate), Ross, Pittsburgh, Pa.  
 Lalance & Grosjean Mfg. Co. (Tin Plate for Their Own Consumption Only), 299 B'way, New York  
 McKeesport Tin Plate Co. (Tin Plate Only), McKeesport, Pa.  
 Mansfield Sheet & Tin Plate Co., Mansfield, O.  
**MERCHANT & EVANS CO.** (Bright & Roofing), 2035 Washington av, Phila., Pa. *See adv index at end of book*  
 Meurer Bros. Co. (Tin & Terne Plate, Buy Black Plates), Brooklyn, N. Y.  
 Ohio Corrugating Co., Warren, Ohio  
*See adv index at end of book*  
 Phillips Sheet & Tin Plate Co. (Tin & Terne Plate, Cokes & Charcoal), Weirton, W. Va.  
 Reeves Mfg. Co., Dover, O.  
 Schoedinger F. O., 146 N 3d, Columbus, O.  
 Standard Tin Plate Co. (Tin & Terne Plate), Cannonsburg, Pa.  
 Taylor N. & G. Co. (Tin & Terne Plate), Mariner & Merchant bldg, Phila., Pa.  
 Trumbull Steel Co., Warren, O.  
 Washington Tin Plate Co. (Tin & Terne Plate), Washington, Pa.  
 Whitaker-Glessner Co. (Wheeling Corrugating Dept.) (Tin & Terne Plate, Coke & Charcoal Bright Plates), Wheeling, W. Va.  
 Wheeling Steel & Iron Co. (Tin Plate Only), Wheeling, W. Va.



**15613—Tin Plate, Metals, Etc.**

See also Roofing & Siding, Iron & Steel;  
also Tin Plate Manufacturers

**ALABAMA.**

NEW DECATUR—Decatur Cornice & Roofing Co.

**ARKANSAS.**

LITTLE ROCK—Fones Bros. Hdw. Co.

**CALIFORNIA.**

LOS ANGELES—Boynton H. R. Co., 216 N. Los Angeles  
Harper & Reynolds Co., 219 S Central av  
Holbrook, Merrill & Stetson, 200 S Central av  
SACRAMENTO—Schaw-Batcher Co.  
SAN FRANCISCO—Dalziel-Moller Co., 556 Mission  
Dunham, Carrigan & Hayden Co., Kansas & Division  
Garrett W. T. & Co., 299 Fremont  
Holbrook, Merrill & Stetson, 6th & Bluxome  
Pacific Hardware & Steel Co., 7th & Townsend  
Pacific Metal Works, 153 1st  
Speddy T. H. & Co., 85 2d

**COLORADO.**

DENVER—Bogue-Wensley Lead Co.  
Crosta Bros.  
Rowntree Jno. T.

**CONNECTICUT.**

BRIDGEPORT—Chapman & Bangs Co.  
Hunter & Havens  
HARTFORD—Blodgett & Clapp Co.  
Ensworth L. L. & Son  
NEW HAVEN—Mersick C. S. & Co.

**DISTRICT OF COLUMBIA.**

WASHINGTON—Adler M. J., C. P. Ash Co., 3148 M. N W  
Fries, Beall & Sharp Co., 734 10th. N W  
Kendall J. B. Co., 485 Mo. av

**GEORGIA.**

ATLANTA—Conklin Tin Plate & Metal Co.  
SAVANNAH—Weed J. D. & Co.

**ILLINOIS.**

AURORA—Messenger & Parks Mfg. Co.  
CHICAGO—Allerton Clarke Co., 74 W Lake  
Dallas A. C. & Co., 225 N Jefferson  
Hibbard, Spencer, Bartlett & Co., 303 N State st, Bridge  
Johnston Jno. & Co., 311 W Lake  
McVoy Sheet & Tin Plate Co., 1042 W 36th  
Merchant & Evans Co., 347 Sheldon  
*See adv index at end of book*  
Scully Steel & Iron Co., 2364 S Ashland av  
Trench Dan'l G. & Co., 222 N Wabash av  
OTTAWA—Refior Hardware Co.  
PEORIA—Hunter & Strenlow Co.  
Johnson Chas. Hardware Co.  
Meyer F. & Bro. Co., Peoria, Ill.  
Walker Isaac Hdw. Co.  
QUINCY—Tenk Hdw. Co.  
SPRINGFIELD—Illinois Art Metal Co.

**INDIANA.**

ANDERSON—Gedge Bros. Iron Roofing Co.  
EVANSVILLE—Thiele I. A. Co.  
FORT WAYNE—Seavey Hdw. Co.  
INDIANAPOLIS—Indianapolis Stove Co., Standard Metal Co., 135 S Pennsylvania  
Tanner & Co., 216 S Meridan  
Van Camp Hdw. & Iron Co., 401 W Maryland  
RICHMOND—Jones Hardware Co.  
TERRE HAUTE—Smith's C. C. Sons Co.

**IOWA.**

BURLINGTON—Donahue Robt. Iron & Hardware Co.  
DES MOINES—Luthe Hdw. Co.  
DUBUQUE—Klauer Mfg. Co.  
Tredway A. & Sons Hdw. Co.  
WATERLOO—Cutler Hardware Co.

**KANSAS.**

ATCHISON—Blish, Mize & Silliman Hdw. Co.  
Harwi A. J. Hardware Co.  
LEAVENWORTH—Crancer Hardware Co.

**KENTUCKY.**

LOUISVILLE—Belknap Hardware & Mfg. Co.  
Bridgeford & Co.  
Conner Chas. H. & Co., 17th & Arbegust  
Stratton & Terstegge Co., 15th & Main  
Todd-Donigan Iron Co., 817 W Main

**LOUISIANA.**

NEW ORLEANS—New Orleans Roofing & Metal Co., Cortez & Orleans  
Stauffer, Eshleman & Co., Ltd., 511 Canal

**MAINE.**

EASTPORT—Milliken B. F. & Son (Canners' Supplies)  
LEWISTON—Stetson J. H. Co.

**MARYLAND.**

BALTIMORE—Ammidon & Co., 31 S Frederick  
Central Metal & Supply Co. (Brass & Copper), 611 E Lombard  
De Ved & Sons Sash Weight Co., 807 So Howard  
Kahl-Holt Co., 111 S Charles  
Lyon Conklin Co., 19 Balderston  
Merchant & Evans Co. (Inc.), 232 St. Paul  
Nelson C. H. Metal Co., 104 So Charles  
Parker E. L. & Nimmo Co., 203 S Charles

**MASSACHUSETTS.**

BOSTON—Austin & Doten, 102 North  
Avery & Saul, 207 Congress  
Brown-Wales, 489 C  
Fitz, Dana & Co., 110 North  
Gallagher D. F. & Co., 37 Commercial wf  
Harvey Arthur C. Co., 374 Congress  
Herrick Co., 47 Broad  
Lloyd Geo. H., 131 State  
Richards & Company, 192 Beverly  
Waite, Ranlet & Co., 80 Broad  
SPRINGFIELD—Lewis Chas. C. Co.  
New England Plumbing Supply Co.  
WORCESTER—McGuinness J. F.

**MICHIGAN.**

BATTLE CREEK—Bock-Walker Co.  
Brockett L. B. & Son  
DETROIT—Buhl Sons & Co., 103 Woodbridge W  
Burton W. J. Co., Junction & Leavitt avs  
Standard Bros., Woodbridge, 1st & Front  
Walker Mfg. & Supply Co., Shelby & Woodbridge  
GRAND RAPIDS—Foster, Stevens & Co.  
Hopson W. C. Co.  
KALAMAZOO—Edwards & Chamberlain Hdw. Co.  
SAGINAW—Valley Cornice & Slate Co., (Ltd.)

**MINNESOTA.**

DULUTH—Duluth Corrugating & Roofing Co.  
MINNEAPOLIS—Janney, Semple, Hill & Co., 1st av, S & 2d  
ST. PAUL—Decker, Adam Hardware Co. (Est. of), 347 Jackson  
Farwell, Ozmun, Kirk & Co.  
Hackett-Gates-Hurty Co., Fourth & Rosabel  
WINONA—Cone R. D. Co.

**MISSOURI.**

KANSAS CITY—Gille Mfg. Co., 1053 St. Jones av  
Merchant & Evans Co., 2008 Baltimore av. *See adv index at end of book*  
Richards & Conover Hardware Co.  
Townley Metal & Hardware Co.  
ST. JOSEPH—Wyeth Hdw. & Mfg. Co.  
ST. LOUIS—Hammond Sheet Metal Mfg. Co., 2d & Cass av  
Simmons Hdw. Co., 9th & Spruce  
Souther E. E Iron Co., Kienlin & Hamburger  
Stockhoff Supply Co., 107 N Main  
Witte Hardware Co., 706 N 3d

**NEBRASKA.**

OMAHA—Lee-Coit Andreesen Hdw. Co.  
Lehmer Jos. R. Co., 1212 Farnam

**NEW HAMPSHIRE.**

MANCHESTER—Pike & Heald Co.  
NEW JERSEY.

BAYONNE—Bayonne Supply Co.  
ELIZABETH—Elizabeth Hdw. Co.  
JERSEY CITY—Letcher R. J. & Son, 191 Morgan  
NEWARK—Coe Jas. A. & Co., 106 Mulberry  
Egbert W. V. & Co., 37 Mechanic  
Faitoute Iron & Steel Co., 180 Frelinghuysen av  
Macknet & Doremus Co., 798 Broad

**NEW YORK.**

ALBANY—Hoy & Co.  
AUBURN—Smith & Pearson  
BINGHAMTON—Babcock, Hinds & Underwood  
BUFFALO—Beals & Co., 44 Terrace  
Buffalo Wholesale Hdw. Co.  
Hofeller Theo. & Co., 206 Scott  
Newman W. H. H. & Co., 70 Main  
Republic Metalware Co., The  
Schmahl Jacob, 28 Lloyd  
Walbridge & Co.  
Weed & Co.  
ELMIRA—Booth Irving D.

**NEW YORK CITY.**

Borough of Brooklyn.

BROOKLYN—Meurer Bros. Co., 575 Flushing av

Boroughs of Manhattan and Bronx.

NEW YORK—Bischoff C. & Co., 451 Washington  
Brooklyn Galvanizing & Mfg. Co., 120 Liberty  
Bruce & Cook, 190 Water  
Conklin T. E. & Co. (Brass & Copper), 61 Duane  
De Milt H. R. Co., 238 Water  
Denman & Davis (Iron & Steel), 95 Lafayette  
Dickerson, Van Dusen & Co., 32 Cliff  
Feld Geo. A. Co., 162 E 129th  
Fitz-Dana & Brown, 441 Pearl  
Hirsch L. C. & Co., 220 W 19th  
Hoffman & Scofield (Sheet Metals), 100 Beekman  
Hungerford U. T. Brass & Copper Co., 80 Lafayette  
Lamarche's H. Sons (Jobbers in Zinc), 81 John  
LEAVITT C. W. & CO., 34 Church  
*See adv index at end of book*  
Merchant & Evans Co., 242 Water  
*See adv index at end of book*  
Sanborn John & Son (Bars, Pigs & Ingots), 134 Beekman  
Sel Benj. & Co., 59 Orchard

(End of New York City)

SCHENECTADY—Case, Levi & Co.  
SYRACUSE—Burhans & Black (Inc.)  
TROY—Warren J. M. & Co.  
UTICA—Millar Chas. & Son Co.  
WATERTOWN—Hunting Co.

**OHIO.**

AKRON—Kasch Roofing Co.  
CINCINNATI—Cincinnati Stamping Co., 24 W McMicken av  
EDWARDS MFG. CO., 545-565 Eggles-ton av *See adv index at end of book*  
Huenefeld Co.



Lawson F. H. Co.  
 McDonald Jas. & Sons Co.  
 Porter Iron Roofing & Corrugating Co.,  
 522 Culvert  
 Robertson W. F. Steel & Iron Co.  
 (Sheet Iron & Steel, Tin & Terne  
 Plates, etc), Elm & Commerce  
 Scott Roofing & Mfg. Co., 408 Culvert  
**CLEVELAND**—Bingham W. Co.  
 Lockwood-Luetkemeyer-Henry Co.  
 Osborn J. M. & L. A. Co.  
 Worthington Geo. Co.  
**COLUMBUS**—Mithoff H. & Co., 284 S High  
 Schoedinger F. O.  
**DAYTON**—Ach, Abraham & Son  
 Hartman-Franz Co.  
**FOREST**—Dickelman Mfg. Co.  
**IRONTON**—Ironton Roofing & Corrugating Co.  
**LISBON**—Armstrong P. M. & Co.  
**MANSFIELD**—Blymer Bros. Co.  
**NILES**—Garry Iron & Steel Co.  
**TIFFIN**—Tiffin Art Metal Co., 20 Broad  
**TOLEDO**—Bostwick-Braun Co.  
 Stollberg Hardware & Paint Co.

**OREGON.**

**PORTLAND**—Failing, McCalman Co., 88  
 Front  
 Pacific Metal Works

**PENNSYLVANIA.**

**ALLENTOWN**—Young M. S. & Co.  
**LANCASTER**—Sheet Metal & Supply Co.  
 Steinman Hardware Co.  
**NEW CASTLE**—Smith-Hutton & Kirk Co.  
**PHILADELPHIA**—Baily R. M. & Co.,  
 Commercial Trust bldg  
 Berger Bros. Co. (Also Tinner's Tools  
 & Supplies), 229 Arch  
 Berger L. D. Co., 59 N 2d  
 Carter, Donlevy & Co., 1012 Cherry  
 Gummey, McFarland & Co., 147 N  
 10th  
 Hall & Carpenter, 518 Race  
 Jolley J. H. & Co., 42 N 5th  
 Knoedler Fred J., 68 N 2d  
 Lukens Thos. F., Metal Co., 238 N 4th  
 McCalla Harold Co., 446 Fairmount av  
 McInnes Charles E. & Co., Mar. &  
 Mer. bldg  
 Marshall Bros. & Co., Front & Girard  
 av  
 Merchant & Evans Co., 2035 Washing-  
 ton av. *See adv index at end of book*  
 Porter C. B. Co., 128 N 2d, Phila., Pa.  
 Potts W. F. Son & Co., 1224 Cherry  
 Riter Bros. & Co., 1022 Race  
 Stelwagon Mfg. Co., 19th & Washing-  
 ton  
**PITTSBURGH**—Bindley Hardware & Mfg.  
 Co.  
 Demmler Bros. Co., 100 Ross  
 Follansbee Bros. Co.  
 Horner W. S. & Co., Oliver bldg  
 McClure Johnston & Co., 1143 Liberty  
 av  
 O'Connor J. J. & Co. (Dealers),  
**READING**—Bard Hardware Co.  
 Stichter Hardware Co. (Ltd.)  
**WILKES-BARRE**—Bertels W. B. & Son  
 Co.  
 Eastern Penna. Supply Co.  
**WILLIAMSPORT**—Kline & Co.  
**YORK**—Small P. A. & S. Co.  
 York Corrugating Co.

**RHODE ISLAND.**

**PROVIDENCE**—Congdon & Carpenter Co.,  
 155 Canal

**SOUTH CAROLINA.**

**CHARLESTON**—Shepherd Supply Co.

**TENNESSEE.**

**CHATTANOOGA**—Chattanooga Roofing &  
 Foundry Co.  
 Magill Hardware Co.  
**MEMPHIS**—Pidgeon-Thomas Iron Co.

**TEXAS.**

**AUSTIN**—Tips Walter Co.  
 Webb & Perry  
**FORT WORTH**—Nash Hardware Co.  
**GALVESTON**—Parr Wm. & Co.  
**HOUSTON**—Girten-Bowman Supply Co.  
 Heitmann F. W. Co.  
 Peden Iron & Steel Co.  
**LAREDO**—Deutz A. & Bro.

**UTAH.**

**SALT LAKE CITY**—Strevel Patterson  
 Hardware Co.

**VERMONT.**

**BARRE**—Phelps N. D. Co.

**VIRGINIA.**

**LYNCHBURG**—Barker-Jennings Hdw. Co.  
 Handy N. B. Co.  
**NORFOLK**—Howard John T. Co.  
**RICHMOND**—Baldwin & Brown, 1557 E  
 Main  
 Gordon Metal Co., 14th & Dock  
 Lindsay J. L. (Inc.), 1321 E Main  
 Southern Railway Supply Co., 1323 E  
 Main

**WEST VIRGINIA.**

**WHEELING**—Whitaker-Glessner Co.  
 (Wheeling Corrugating Dept.)

**WISCONSIN.**

**MILWAUKEE**—Frankfurth Wm. Hdw.  
 Co., 119 W Water  
 Milwaukee Corrugating Co.  
 Pritzlaff Jno. Hardware Co., 51 W  
 Water  
**SHEBOYGAN**—Geele F. Hardware Co.

**15614— Tin Salts**

Thomsen Chemical Co., Munsey bldg,  
 Baltimore, Md.

**15614a— \*Tin (Taggers)**

**MERCHANT & EVANS CO.**, 2035 Wash-  
 ington av, Phila., Pa.  
*See adv index at end of book*

**Tinner's Furnaces**

*See Furnaces, Gasoline Blast*

**Tinner's Supplies Etc.**

*See Index of Contents for Specific Article  
 Wanted. If Not Found, Write Us*

**15615 Tinner's Trimmings**

Central Stamping Co., 174 Fulton, New  
 York

**GEUDER, PAESCHKE & FREY CO.**, Mil-  
 waukee, Wis. *See adv index at end of book*  
 Hero Mfg. Co., Gaul & Adams, Phila., Pa.  
 Merchant & Evans Co., 2035 Washington  
 av, Phila., Pa.  
*See adv index at end of book*  
 Vogel Wm. & Bros., 37 S 9th, Brooklyn,  
 N. Y.

**15616—Tinning Sheets (Copper)**

Taunton-New Bedford Copper Co., Taun-  
 ton, Mass.

**15617— Tinning Sheets (Yellow  
 Metal)**

Taunton-New Bedford Copper Co., Taun-  
 ton, Mass.

**15618—Tinning & Japanning**

American Foundry & Mfg. Co. (Japan-  
 ning), Frederick, Md.  
 American Tube & Stamping Co., Bridge-  
 port, Conn.  
 Bird Japanning Co., Boston, Mass.  
 Buffalo Galvanizing & Tinning Works,  
 (Tinning Only), 49 Jackson, Buffalo,  
 N. Y.  
 Buhl Stamping Co., Detroit, Mich.  
 Canton Malleable Iron Co. (Japanning  
 Only), Canton, O.  
 Cassidy, Fairbank Mfg. Co. (Tinning  
 Only), 6126 S Lasalle, Chicago, Ill.  
 Cattie Bros. Co. (Tinning), 1706 N How-  
 ard, Phila., Pa.  
 Cheney S. & Son (Japanning), Manlius,  
 N. Y.  
 Chicago Hardware Foundry Co. (Japan-  
 ning), N Chicago, Ill.  
 Cincinnati Stamping Co., 24 W McMicken  
 av, Cincinnati, O.  
 Cleveland Galvanizing Works Co. (Tin-  
 ning Only), 3924 Cooper av, Cleve-  
 land, O.

Colebrookdale Iron Co., Pottstown, Pa.  
 Detroit Valve & Fittings Co. (Japanning  
 Only), Wyandotte, Mich.  
 Devlin Thos. Mfg. Co., 3d & Lehigh av,  
 Phila., Pa.  
 Doering C. & Son (Tinplating Only), 1375  
 W Lake, Chicago, Ill.  
 Dover Stamping & Mfg. Co., Cambridge,  
 Mass.  
 Elbel Co., Canton, O.  
 Frazer & Jones Co., Syracuse, N. Y.  
**GEUDER, PAESCHKE & FREY CO.**  
 (Japanning, All Colors), Milwaukee,  
 Wis. *See adv index at end of book*  
 Globe Machine & Stamping Co. (Japan-  
 ning Only), 1250 W 76th, Cleveland,  
 Ohio  
 Grabler Mfg. Co., Cleveland, O.  
 Hassall John (Inc.) (Tinning), Clay &  
 Oakland, Brooklyn, N. Y.  
*See adv index at end of book*  
 Highton Wm. & Sons Co. (Japanning  
 Only), Nashua, N. H.  
 Hopson & Chapin Mfg. Co. (Japanning  
 Only), New London, Conn.  
 Igoe Bros. (Tinning Only), 69 Metropolitan  
 av, Brooklyn, N. Y.  
 Illinois Malleable Iron Co. (Tinning Only),  
 1801 Diversey blvd, Chicago, Ill.  
*See adv index at end of book*  
 Impervious Metal Corp'n (Japanning  
 Only), 421 Wood, Pittsburgh, Pa.  
 John's Stamping & Machine Work Co.,  
 Cleveland, O.  
*See adv index at end of book*  
 Lefferts Galvanizing Works (Tinning  
 Only), 508 E 20th, New York  
 Malleable Iron Fittings Co., Branford,  
 Conn.  
 Mattatuck Mfg. Co., Waterbury, Conn.  
 Morgan Construction Co. (Tinning), Wor-  
 cester, Mass.  
 North Buffalo Hardware Foundry Co.  
 (Japanning Only), 743 Hertel av,  
 Buffalo, N. Y.  
 Ohio Foundry Co. (Japanning Only),  
 Cleveland, O.  
 Parkesburg Stamping & Mfg. Co. (Tin  
 Plating on Iron), Parkesburg, Pa.  
 Phila. Hardware & Malleable Iron Works  
 (Inc.), 9th & Jeff'n, Phila., Pa.  
 Racine Malleable & Wrought Iron Co.,  
 Racine, Wis.  
 Rattan Mfg. Co., New Haven, Conn.  
 Rockford Metal Specialty Co., Rockford,  
 Ill.  
 Rudman C., 277 Pearl, New York  
 Schatz Mfg. Co. (Japanning Only), Pough-  
 keepsie, N. Y.  
 Sessions J. H. & Son, Bristol, Conn.  
 Stirrup Mfg. Co. (Japanning), 257 Green-  
 wich, New York  
 Two Rivers Plating Works, Two Rivers,  
 Wis.  
 Vail Galvanizing Plant (Tinning), 211  
 Commercial, Boston, Mass.  
 Vogel Wm. & Bros. (Japanning Only), 37  
 S 9th, Brooklyn, N. Y.  
 White Mountain Freezer Co. (Tinning &  
 Galvanizing), Nashua, N. H.  
 Wilcox, Crittenden & Co. (Tinning of Cast-  
 ings of All Kinds), Middletown, Conn.  
 Wrightsville Hardware Co., Wrightsville,  
 Pa.

**15619— Tintometers**

Eimer & Amend, 205 3d av, New York

**15620— Tinware Mfrs.**

*See also Enameled Ware Mfrs.; also  
 Aluminum Hollow Ware; also Stamp-  
 ing, Various Kinds*  
 Aldrich Mfg. Co. ("Aldrich," "Buffalo"),  
 Buffalo, N. Y.  
**AMERICAN CAN CO.**, 120 B'way, New  
 York *See adv index at end of book*  
 Baltimore Stamping & Enameling Co.,  
 909 E Pratt, Baltimore, Md.  
 Bingham J. F. Mfg. Co., Lawrence, Mass.  
 Central Stamping Co. ("Puritan"), 174  
 Fulton, New York  
 Chicago Tin Co., 2005 S State, Chicago,  
 Ill.  
 Cincinnati Stamping Co., 24 W McMicken  
 av, Cincinnati, O.  
 Coonley Mfg. Co. ("Roco Brand," "Clyde  
 Brand"), Cicero, Ill.  
 Elliott Mfg. Co., Warren, Ill.  
 Empire Tin Ware Co., 29 So 5th, Bklyn,  
 N. Y.  
 Federal Enameling & Stamping Co., Mc-  
 Kees Rocks, Pa.  
 Geisel A. Mfg. Co., 219 S 2d, St. Louis, Mo.



**GEUDER, PAESCHKE & FREY CO.,**

(Complete Line), Milwaukee, Wis.

*See adv index at end of book*

Gille Mfg. Co., Kansas City, Mo.

Haslet, Flanagan &amp; Co. (Bright), 116 N 2d, Phila., Pa.

Kraft A. C. (Druggists &amp; Painters), 323 W Lake, Chicago, Ill.

Lalanc &amp; Grosjean Mfg. Co., 299 B'way, New York

Lawrence-Bostwick Mfg. Co. (Ltd.), Phelps, N. Y.

Lisk Mfg. Co. (Ltd.) ("Lisk" Anti Rust), Canandaigua, N. Y.

McAleer E. J. &amp; Co., 1422 N 8th, Phila., Pa.

Mason Geo. H. Co., Boston, Mass.

National Enameling &amp; Stamping Co., 411 5th av, New York

Nichthauser &amp; Levy, 252 Java, Brooklyn, N. Y.

Ohio Enamel Co., 1016 B'way, Cleveland, O.

Peoria Can Co., Peoria, Ill.

Porter C. B. Co., 128 N 2d, Phila., Pa.

Republic Metalware Co., The, Buffalo, N. Y.

Richardson Mfg. Co. ("Perfection"), Bath, N. Y.

Rochester Can Co. (Dairy Pails, etc), Rochester, N. Y.

*See adv index at end of book*

Rudman C. (Ship), 57 Fulton, New York

St. Louis Metalware Co., 2507 N B'way, St. Louis, Mo.

Schaffer Tinware Mfg. Co., 76 Sedgwick, Brooklyn, N. Y.

Schlesinger Leo &amp; Co., 66 Wooster, New York

Schlueter Mfg. Co. ("Imperial"), Bway &amp; John av, St. Louis, Mo.

Standard Stamping Co., B'way &amp; Chambers, St. Louis, Mo.

Stratton &amp; Terstegge Co., 15th &amp; Main, Louisville, Ky.

Sullivan-Geiger Co. (Round Miners'), Indianapolis, Ind.

Thretaway Bros., Parsons, Pa.

Townley Metal &amp; Hardware Co., Kansas City, Mo.

Troy Stamping Works, Troy, N. Y.

Western Tin &amp; Japan Mfg. Co. (Japanned &amp; Stamped), 1013 Walnut, Cincinnati, Ohio

**Tipples (Coal)***See Tipples, Mine***15621— Tipples (Mine)****ALLIS-CHALMERS MFG. CO.** (Steel), Milwaukee, Wis.*See adv index at end of book***BARTLETT C. O. & SNOW CO.** (Steel, Coal), French st, Cleveland, O.*See adv index at end of book***CHICAGO BRIDGE & IRON WORKS,** 2015 Old Colony bldg, Chicago, Ill.*For branch offices see adv index at end of book*

Decatur Bridge Co., Decatur, Ill.

Fairbanks, Morse &amp; Co. (Designers &amp; Builders of Coal Tipples &amp; Pockets), 900 S Wabash av, Chicago, Ill.

Fairmont Mining Machinery Co. (Steel &amp; Wood), Fairmont, W. Va.

Farris Bridge Co. (Steel, Coal), Charleston, W. Va.

Helmick Fdry. &amp; Mach. Co., Fairmont, W. Va.

Heyl &amp; Patterson (Coal, Steel), 51 Water, Pittsburgh, Pa.

Kanawha Mfg. Co., Charleston, W. Va.

**LINK-BELT CO.** (Steel or Wood for Coal, etc), 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

McClintic-Marshall Company (Steel), Pittsburgh, Pa.

Mineral Ridge Mfg. Co., Mineral Ridge, O.

Minneapolis Steel &amp; Machinery Co. (Steel), Minneapolis &amp; Drexel, Minneapolis, Minn.

Morrow Mfg. Co. (Steel), Wellston, O.

Nashville Bridge Co., Nashville, Tenn.

Niles Mine &amp; Mill Supply Co. (Steel, Coal), Cleveland, O.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

Ottumwa Box Car Loader Co. (Steel Tipples &amp; Shaker Screens), Ottumwa, Ia.

Penn. Bridge Co. (Steel, Coal), Beaver Falls, Pa.

Phillips Mine &amp; Mill Supply Co., 2227 Jane, Pittsburgh, Pa.

Pittsburgh Coal Washer Co. (Coal), Fulton bldg, Pittsburgh, Pa.

**PITTSBURGH-DES MOINES STEEL CO.,**

4th &amp; Ross, Pittsburgh, Pa.

*See adv index at end of book*

Roberts &amp; Schaefer Co. (Engineers &amp; Contractors), 332 S Michigan av, Chicago, Ill.

Sanford-Day Iron Works, Knoxville, Tenn.

**SCAIFE WM. B. & SONS CO.** (Steel), First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York*See adv index at end of book*

Scottdale Mach. &amp; Mfg. Co., Scottdale, Pa.

Union Engineering Co., 1616 Columbus rd, Cleveland, O.

United Iron Works Co., Springfield, Mo.

Virginia Bridge &amp; Iron Co. (Steel, Coal), Roanoke, Va.

Webster Mfg. Co., Tiffin, O.

Wellman-Seaver-Morgan Co. (Steel), Cleveland, O.

What Cheer Tool Co. ("Walker" Revolving), What Cheer, Ia.

Wisconsin Bridge &amp; Iron Co. (Steel), North Milwaukee, Wis.

**15622—Tips (Chair & Crutch, Rubber)**

Bailey C. J. &amp; Co. ("Wont Slip"), 22 Boylston, Boston, Mass.

Combination Rubber Mfg. Co., Bloomfield, N. J.

Continental Rubber Works, Erie, Pa.

Elastic Tip Co. ("Stetson"), 370 Atlantic av, Boston, Mass.

Faultless Rubber Co. (Crutch Only), Ashland, O.

Foster Rubber Co., 105 Federal, Boston, Mass.

Goodrich B. F. Co., Akron, O.

Laurel Rubber Co. (Rubber Gas Tubing Tips), Garfield, N. J.

Mechanical Rubber Co., Cleveland, O.

National India Rubber Co., Bristol, R. I.

New York Belting &amp; Packing Co., 91 Chambers, New York

Quabaug Rubber Co. (Chair), Nth Brookfield, Mass.

Quaker City Rubber Co., 629 Market, Phila., Pa.

**15623—Tips (Chair & Crutch, Wool)**

Heron Mfg. Co. ("Heron"), Utica, N. Y.

Schatz Mfg. Co. (Felt), Poughkeepsie, N. Y.

**15624—Tips (Electric Cord)**

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

McEvoy C. H., Lowell, Mass.

National-Acme Mfg. Co., Cleveland, O.

Rome Wire Co., Rome, N. Y.

Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.

**15624a— \*Tips (Flagstick)**

Estes E. B. &amp; Sons, 358 5th av, New York

*See adv index at end of book***15625— Tips (Gas Burner)**American Lava Co. (Lava), Chattanooga, Tenn. *See adv index at end of book*

Colonial Mfg. Co. (Lava), Chattanooga, Tenn.

Crescent Burner Mfg. Co., 116 E 27th, New York

Gas Tip &amp; Self Lighter Co. (Aluminum), 1 B'way, New York

Kirchberger M. &amp; Co. (Importers, Lava), 116 E 27th, New York

Tennessee Burner Mfg. Co., Chattanooga, Tenn.

Thurnauer G. M. Co. (Importers, Lava), 6 E 20th, New York

**15626—Tips (Gas Tubing, Rubber)**

Boston Woven Hose &amp; Rubber Co., Cambridge, Mass.

Empire Tire &amp; Rubber Corp., East Trenton, N. J.

*See adv index at end of book*

Laurel Rubber Co., Garfield, N. J.

**15627— Tips (Hame)**

Frazer &amp; Jones Co. ("Globe," "Eastern"), Syracuse, N. Y.

**15628— Tips (Mine Car)**

Grant Iron Works ("Wren's"), Mahanoy City, Pa.

Link-Belt Co., 39th &amp; Stewart av, Chicago, Ill., &amp; Hunting Park av &amp; P. &amp; R. Ry, Phila., Pa.

*See adv index at end of book*

Sanford-Day Iron Works, Knoxville, Tenn.

**15629— Tips (Neck Yoke)**

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

**15630—Tips or Caps (Railway)**

Western Brass Mfg. Works, Marshall blvd &amp; W 21st, Chicago, Ill.

**15631— Tips (Screw)**

Elastic Tip Co. (Slotted Rubber Head), 370 Atlantic av, Boston, Mass.

National India Rubber Co., Bristol, R. I.

New York Belting &amp; Packing Co., 91 Chambers, New York

Quaker City Rubber Co. (Rubber Head), 629 Market, Phila., Pa.

Tyer Rubber Co. (Rubber), Andover, Mass.

**15632— Tips (Shaft)**

Covert Saddlery Works (Pole), Interlaken, N. Y.

Cowles C. &amp; Co., New Haven, Conn.

Crandal, Stone &amp; Co., Binghamton, N. Y.

Oakes Co. The, Indianapolis, Ind.

Searls Mfg. Co. ("Passaic," etc), 29 Mulberry, Newark, N. J.

Waterbury Mfg. Co. (Pole), Waterbury, Conn.

Woodruff W. W. &amp; Sons Co., Mt. Carmel, Conn.

**15633— Tips (Whiffletree)**

Searls Mfg. Co., 29 Mulberry, Newark, N. J.

**15634—Tire (Channel & Cushion)**

Carnegie Steel Co. (Open Hearth Steel), Carnegie bldg, Pittsburgh, Pa.

**15635— Tire Coolers**

Gogel Mfg. Co., Toledo, O.

Kane &amp; Roach, Syracuse, N. Y.

Palm Louis F. Co., Defiance, O.

Wolfe Matt, W. Carrollton, O.

**15636— Tire Fabrics**

American Tire Fabric Co., Newburyport, Mass.

Bay State Cotton Corp., 60 Federal, Boston, Mass.

Bibb Mfg. Co., Macon, Ga.

Briggs Mfg. Co., Voluntown, Conn.

Brighton Mills, Passaic, N. J.

Gordon J. P. Co., Columbus, O.

Grimond J. &amp; A. D. (Ltd.) (H. N. Gildea, Agent), 320 B'way, New York

International Cotton Mills, 60 Federal, Boston, Mass.

Jenckes Spinning Co., Pawtucket, R. I.

Killingly Mfg. Co., Killingly, Conn.

Manhasset Mfg. Co., Putnam, Conn.

Marlboro Cotton Mills, McColl, S. C.

Passaic Cotton Mills, 120 B'way, New York

West Boylston Mfg. Co., Easthampton, Mass.

Worcester Tire Fabric Co., Worcester, Mass.

**15637— Tire Fluid**

Buffalo Specialty Co. ("Neverleak" &amp; "Holdfast" Liquid Shellac Cement for Bicycles), 375 Ellicott, Buffalo, N. Y.

**15638—Tire Preserver (Automobile)**

Rubberset Co. ("Rubberset" &amp; Liquid Rubber Compound), 56 Ferry, Newark, N. J.

**15639— Tire Removers**

Common Sense Tire Removers Co., Dowagiac, Mich.

**15640—\*Tire Repair Kits or Equipments****BIGGS BOILER WORKS CO.,** Case av & Williams st, Akron, O.*See adv index at end of book*



**Tires (Automobile)**

See Tires, Various Kinds

**15641—Tires (Baby Carriage)**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Anderson Rubber Works, Anderson, Ind.  
 Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 B. & R. Rubber Co., N. Brookfield, Mass.  
 Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Continental Rubber Works, Erie, Pa.  
 Empire Tire & Rubber Corp., East Trenton, N. J.  
*See adv index at end of book*  
 Federal Rubber Co. The, Cudahy, Wis.  
 Fisk Rubber Co., Chicopee Falls, Mass.  
 Goodrich B. F. Co., Akron, O.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 National India Rubber Co., Bristol, R. I.  
 Pennsylvania Rubber Co., Jeannette, Pa.

**15642—Tires (Cushioned, Cellular, Etc.)**

Acme Rubber Mfg. Co., Trenton, N. J.  
 Bailey C. J. & Co. ("Bailey Won't Slip"), 22 Boylston, Boston, Mass.  
 Canvass Thread Tire Co., Utica, N. Y.  
 Cleveland Puncture Proof Tire Co. ("Cleveland"), Columbus, O.  
 Dayton Rubber Mfg. Co. ("Dayton" Airless), Dayton, O.  
 Firestone Tire & Rubber Co., Akron, O.  
 Overman Cushion Tire Co., 250 W 54th, New York  
 Swinehart Tire & Rubber Co., Akron, O.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

**15643—Tires for Crushing Machinery**

Standard Steel Works Co. ("Standard" Solid Weldless), Morris bldg, Phila., Pa.

**15644—Tires (Motor Cycle)**

Empire Tire & Rubber Corp., East Trenton, N. J.  
*See adv index at end of book*  
 Firestone Tire & Rubber Co. ("Firestone"), Akron, Ohio  
 Goodrich B. F. Co. ("Diamond," "Goodrich"), Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 G. & J. Tire Co., Indianapolis, Ind.  
 Kokomo Rubber Co. ("Dazzler"), Kokomo, Ind.  
 Mansfield Tire & Rubber Co. ("Mansfield"), Mansfield, O.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 U. S. Tire Co., B'way & 58th, New York

**15645—Tires (Motor Truck, Solid Rubber)**

Firestone Tire & Rubber Co. ("Firestone"), Akron, Ohio  
 Gibney Tire & Rubber Co., Conshohocken, Pa.  
 Goodrich B. F. Co., Akron, O.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Polack Tyre & Rubber Co., B'way & 59th, New York  
 United States Tire Co., B'way & 58th, New York

**15646—Tires (Pneumatic, Double Tube)**

Anderson Rubber Works, Anderson, Ind.  
 BeSaw Tire & Rubber Co. ("Quality"), Hartville, O.  
 Braender Rubber & Tire Co., Rutherford, N. J.  
 Columb Tyres, Import Co. (Imp.), 52 Vanderbilt av, New York  
 Continental Rubber Works ("Vitalic"), Erie, Pa.  
 Dreadnought Tire & Rubber Co. ("Dreadnought"), Orangeville, Baltimore, Md.  
 Empire Tire & Rubber Corp., East Trenton, N. J.  
*See adv index at end of book*  
 Englebert Tyer Co. ("Englebert" Imp.), 1928 B'way, New York  
 Federal Rubber Co. The (Rugged Tread), Cudahy, Wis.

Fellsen Tire Co. ("Fellsen"), 1995 B'way, New York  
 Firestone Tire & Rubber Co., Akron, O.  
 Fisk Rubber Co., Chicopee Falls, Mass.  
 Globe Rubber Tire Mfg. Co. ("Globe"), Trenton, N. J.  
 Goodrich B. F. Co. ("Goodrich"), Akron, O.  
 Goodyear Tire & Rubber Co. ("No-Rim-Cut"), Akron, O.  
 Great Eastern Rubber Co. ("Crown" "Premier"), Allentown, Pa.  
 G. & J. Tire Co. ("G. & J.," "Dunlop"), Indianapolis, Ind.  
 H. H. H. Tire & Mfg. Co. ("H. H. H."), 263 Halsey, Newark, N. J.  
 Hartford Rubber Works Co. ("Hartford," "Won't Slip," "Dunlop's Detachable"), Hartford, Conn.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Johnstown Rubber Co. ("J. R. C."), Johnstown, Pa.  
 Kokomo Rubber Co., Kokomo, Ind.  
 Koochook Rubbebr Co. ("Koochook"), 1120 Pine, St. Louis, Mo.  
 League Tire Co. ("Leagues"), South Bend, Ind.  
 L. & M. Rubber Co. ("Buckskin"), Carrollton, Ohio  
 Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.  
 Mesinger H. & F. Mfg. Co. (Leather), Austin pl & 144th, New York  
 Michelin Tire Co. (Quick Detachable Clincher, Ordinary Clincher, & Anti Skid Types), Milltown, N. J.  
 Miller Rubber Co. ("Miller"), Akron, Ohio  
 Mohawk Rubber Co., Akron, O.  
 Morgan & Marsh, All Rubber & Tire Co. ("M. & M."), E. Liverpool, Ohio  
 Pennsylvania Rubber Co. ("Pennsylvania," "Vacuum Cup"), Jeannette, Pa.  
 Pharis Tire & Rubber Co., Newark, O.  
 Quaker City Rubber Co. ("Quaker"), 629 Market, Phila., Pa.  
 Rutherford Rubber Co. ("Sterling"), Rutherford, N. J.  
 Standard Tire & Rubber Co. ("Standard"), 104 Portland, Boston, Mass.  
 Stoddard Rubber Co., 120 Commercial, Worcester, Mass.

**15647—Tires (Pneumatic, Single Tube)**

Anderson Rubber Works, Anderson, Ind.  
 Braender Rubber & Tire Co., Rutherford, N. J.  
 Continental Rubber Works ("Vitalic"), Erie, Pa.  
 Federal Rubber Co. The, Cudahy, Wis.  
 Fisk Rubber Co., Chicopee Falls, Mass.  
 Goodrich B. F. Co. ("Goodrich"), Akron, Ohio  
 Goodyear Tire & Rubber Co., Akron, O.  
 Hartford Rubber Works Co., Hartford, Conn.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Michelin Tire Co. (Clincher, Quick Detachable & Anti-Skid Types), Milltown, N. J.  
 Pennsylvania Rubber Co., Jeannette, Pa.

**15648—Tires (Rubber)**

Acme Rubber Mfg. Co. (Automobile, Carriage), Trenton, N. J.  
 Ajax-Grieb Rubber Co. ("Ajax"), 1796 B'way, New York  
 Anderson Rubber Works, Anderson, Ind.  
 Batavia Rubber Co., Batavia, N. Y.  
 BeSaw Tire & Rubber Co., Hartville, O.  
 Bourn Rubber Co., 58 Warren, Providence, R. I.  
 Bucyrus Rubber Co., Bucyrus, Ohio  
 Century Rubber Co. ("Century"), North av, Plainfield, N. J.  
 Cincinnati Rubber Mfg. Co., Cincinnati, O.  
 Consolidated Rubber Tire Co. ("Kelly-Springfield," Solid Vehicle), 229 W 57th, New York  
 Continental Rubber Co. ("Vitalic"), Erie, Pa.  
 Converse Rubber Shoe Co., Malden, Mass.  
 Dayton Rubber Mfg. Co., Dayton, O.  
 Empire Tire & Rubber Corp. (Pneumatic Double Tube), East Trenton, N. J.  
*See adv index at end of book*  
 Endurance Tire & Rubber Co., New Brunswick, N. J.  
 Falls Rubber Co., Cuyahoga Falls, O.  
 Federal Rubber Co. The (Auto, Baby Carriage, etc), Cudahy, Wis.

Firestone Tire & Rubber Co. ("Firestone"), Akron, O.  
 Fisk Rubber Co. ("Fisk," Mechanically Fastened), Chicopee Falls, Mass.  
 Foster Rubber Co. (Non-Sliding), 105 Federal, Boston, Mass.  
 General Tire & Rubber Co. ("General"), Akron, O.  
 Goodrich B. F. Co. (Automobile, Regular Clincher & Quick Detachable, Straight Bead), Akron, O.  
 Goodyear Tire & Rubber Co. ("Red Seal," Carriage, Automobile, Truck, Motorcycle & Bicycle), Akron, O.  
 G. & J. Tire Co. ("G. & J."), Indianapolis, Ind.  
 Hamilton Rubber Co., Trenton, N. J.  
 Hardman Tire & Rubber Co., 35 S William, New York  
 Hartford Rubber Works Co. ("Hartford" Pneumatic & Solid Vehicle), Hartford, Conn.  
 Hendrie W. C. Rubber Co., Torrance, Cal.  
 Hewitt Rubber Co., Buffalo, N. Y.  
 Hood Tire Co., Watertown, Mass.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Knight Tire & Rubber Co., Canton, O.  
 Kokomo Rubber Co. (Bicycle & Vehicle), Kokomo, Ind.  
 Lee Tire & Rubber Co. ("Lee" Motor Trucks & Pleasure Cars; also Puncture Proof Pneumatic), Conshohocken, Pa.  
 McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.  
 McNaull Auto Fire Co. ("McNaull"), 810 Madison av, Toledo, Ohio  
 Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.  
 Marathon Tire & Rubber Co., Cuyahoga Falls, Ohio  
 Marion Tire & Rubber Co., Marion, O.  
 Mason Tire & Rubber Co., Kent, O.  
 Mattson Rubber Co., Lodi, N. J.  
 Michelin Tire Co. ("Michelin" Quick Detachable Clincher, Ordinary Clincher & Anti-Skid Types), Milltown, N. J.  
 Miller Chas. E. ("Miller's"), Anderson, Ind.  
 Miller Rubber Co. ("Miller"), Akron, Ohio  
 Morgan & Wright ("Morgan" & "Wright" Automobile, Bicycle, etc), Detroit, Mich.  
 National Rubber Co. ("Speedway Red-wall," "National" Silk Lined), Pottstown, Pa.  
 N. Y. Belting & Packing Co. (Carriage & Automobile), 91 Chambers, New York  
 Norwalk Tire & Rubber Co. ("Norwalk"), Norwalk, Conn.  
 O'Neill Tire & Rubber Co., Akron, O.  
 Pennsylvania Rubber Co. (Automobile, Bicycle, Vehicle, Baby Carriage, etc), Jeannette, Pa.  
 Pharis Tire & Rubber Co., Newark, O.  
 Polack Tyre & Rubber Co. ("Polack" Truck Tyres), 1876 B'way, New York  
 Portage Rubber Co. ("Portage"), Akron, O.  
 Quaker City Rubber Co. ("Quaker"), 629 Market, Phila., Pa.  
 Racine Auto Tire Co. ("Racine," Horse-shoe), Racine, Wis.  
 Racine Rubber Co., Racine, Wis.  
 Republic Rubber Co. ("Republic" Motor Truck), Youngstown, O.  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Savage Tire Co. ("Savage"), San Diego, Cal.  
 Standard Tire & Rubber Mfg. Co., Hippodrome bldg, Cleveland, O.  
 Star Rubber Co., Akron, O.  
 Sterling Tire Co. (Pneumatic), 234 W 55th, New York  
 Stokes Jos. Rubber Co. (Bicycle, etc), Trenton, N. J.  
 Strohecker A. J., Reading, Pa.  
 Swinehart Tire & Rubber Co., Akron, O.  
 Ten Broeck Tyre Co. ("Ten Broeck"), 26th & Courtney, Louisville, Ky.  
 Thermoid Rubber Co. (Carriage), Trenton, N. J.  
 Toledo-Findlay Tire & Rubber Co., Findlay, O.  
 Tyer Rubber Co., Andover, Mass.  
 United States Tire Co., B'way & 58th, New York  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 Victor Rubber Co., Springfield, O.  
 Vulcan Rubber Co., Erie, Pa.  
 Wilson Tire & Rubber Co. ("Wilson"), Springfield, Ill.  
 Zee-Zee Tire & Rubber Co. ("Zee-Zee"), 33rd & Walnut, Phila., Pa.



**15649— Tires (Solid)**

Acme Rubber Mfg. Co. (Automobile, Carriage), Trenton, N. J.  
 Ajax-Grieb Rubber Co., 1796 B'way, New York  
 American Tire & Rubber Co., Akron, O.  
 Braender Rubber & Tire Co., Rutherford, N. J.  
 Columb Tyres Import Co. ("Prowodnik"), 52 Vanderbilt av, New York  
 Consolidated Rubber Tire Co. ("Kelly-Springfield"), 229 W 57th, New York  
 Falls Rubber Co. ("Falls Greyhound," Electric, Diagonal Block Truck), Cuyahoga Falls, O.  
 Federal Rubber Co. The, Cudahy, Wis.  
 Firestone Tire & Rubber Co., Akron, O.  
 Fisk Rubber Co., Chicopee Falls, Mass.  
 Gibney Tire & Rubber Co., 215 N Broad, Phila., Pa.  
 Goodrich B. F. Co. ("Wireless" Solid Rubber Vehicle), Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Hartford Rubber Works Co., Hartford, Conn.  
 India Rubber Tire Co., 1512 S Michigan av, Chicago, Ill.  
 Kelly-Springfield Tire Co. (Sectional), B'way & 57th, New York  
 Longdin Brugger Co., Fond du Lac, Wis.  
 McGraw Tire & Rubber Co., East Palestine, O.  
 Meeker Mfg. Co., Dayton, O.  
 Morgan & Wright, Detroit, Mich.  
 New Jersey Car Spring & Rubber Co. ("Wemoka"), 91 Brunswick, Jersey City, N. J.  
 Pennsylvania Rubber Co. (Metal - Base Truck), 1876 B'way, New York  
 Polack Tyre & Rubber Co. ("Polack" Truck), 1876 B'way, New York  
 Portage Rubber Co. ("Portage" Rubber Block Truck), Akron, O.  
 Republic Rubber Co., Youngstown, O.  
 Swinehart Tire & Rubber Co. ("Swinehart"), Akron, O.  
 Victor Rubber Co. ("Victor"), Springfield, Ohio  
 Vulcan Rubber Co. ("Vulco"), Erie, Pa.  
 Wilson Tire & Rubber Co. ("Wilson"), Springfield, Ill.  
 Xenia Rubber Mfg. Co., Xenia, Ohio

**15650— Tires (Steel)**

Chester Steel Castings Co., Chester, Pa.  
 Fort Wayne Rolling Mill Corp. (Baby Carriages & Wagon), Fort Wayne, Ind.  
 Illinois Steel Co., 208 S La Salle, Chicago, Ill.  
 Interstate Iron & Steel Co. (Round & Square Edge, Grooved Steel, etc), 1st Nat. Bank bldg, Chicago, Ill.  
*See adv index at end of book*  
 Jones & Laughlin Steel Co. (Round, Square, Channel, Carriage & Wagon), Ross, Pittsburgh, Pa.  
 Midvale Steel Co. (Car & Locomotive Wheel), Nicetown, Phila., Pa.  
 Prosser Thos. & Son ("The Krupp"), 15 Gold, New York  
 Railway Steel Spring Co. (Weldless Forged & Rolled Steel Flanged), 30 Church, New York  
 Republic Iron & Steel Co. (Half Oval, etc), Youngstown, O.  
 Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.

**15651— Titanium**

Dorl F. & Co. (Imp.), 13 Park Row, New York  
 Drakenfeld B. F. & Co. (Oxide, Imp.), 50 Murray, New York  
 Foote Mineral Co. (Imp. Ores), 107 No 19th, Phila., Pa.  
 Goldschmidt Thermit Co., 120 B'way, New York  
 Titanium Alloy Mfg. Co., Niagara Falls, N. Y.

**15652—Titanium Potassium Oxalate**

Katzenbach & Bullock Co. (Imp.), Trenton, N. J.

**15653— Toasters**

Acme Electric Heater Co., 235 Mt. Elliott av, Detroit, Mich.  
 American Electrical Heater Co. (Electric), Detroit, Mich.

Andrews Wire & Iron Works ("Androck" Bread), Rockford, Ill.  
 Bigelow Co., 321 St. John's ct, Chicago, Ill.  
 Catawissa Specialty Mfg. Co. (Bread), Catawissa, Pa.

Crane Wm. M. Co. ("Crane's" Collapsible), 16 W 32d, New York  
**CUTLER-HAMMER MFG. CO.** (Electric), 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

Detroit Foundry Co., Detroit, Mich.  
 Diamond Electric Co. ("Delco," Electric), Binghamton, N. Y.  
 Eclipse Gas Stove Co. ("Eclipse" Gas), Rockford, Ill.

**GENERAL ELECTRIC CO.** (Electric), Schenectady, N. Y.  
*See adv index at end of book*

Hamblin & Russell Mfg. Co. (Wire), Worcester, Mass.

Hoskins Mfg. Co. (Electric), 453 Lawton, Detroit, Mich.

Hotpoint Electric Heating Co. ("El Toast" Electric), Ontario, Cal.

Hutchins-Kilbourne Co. ("Eureka," Wire), Buffalo, N. Y.

Kinne Mfg. Co. ("Perfection"), 1401 Central av, Minneapolis, Minn.

Knowlson A. T. Co. ("Apex" Bread, for Gas Stoves), 99 Congress, Detroit, Mich.

Landers, Frary & Clark ("Thermax" Electric), New Britain, Conn.

Lindstrom, Smith Co. ("White Cross" Electric), 1104 S Wabash av, Chicago, Ill.

Millar R. M., Electric Works ("Crown" Electric), 9 S Clinton, Chicago, Ill.

Morgan Spring Co. ("Eureka"), Worcester, Mass.

New Standard Hardware Works (Asbestos), Mt. Joy Pa.

Phelps Mfg. Co. ("Cozy," Electric), 265 Jefferson av, Detroit, Mich.

Reliable Stove Co. (Gas Stove, etc., "Reliable"), Cleveland, O.

Rochester Stamping Co. (Electric), Rochester, N. Y.

Roseland Can & Specialty Co. ("Whitehouse" Bread), Rockford, Ill.

Rutenber Electric Co. (Electric), Logansport, Ind.

Silver & Co., 308 Hewes, Brooklyn, N. Y.

Simplex Electric Heating Co. ("Simplex" Electric), Cambridge, Mass.

Sloan Novelty Mfg. Co. ("Sloan" Electric or Fuel), s w cor 20th & Wyandotte, Kansas City, Mo.

Standard Stamping Co. ("Standard" Bread), Marysville, O.

Streeter N. R. & Co. ("Sensible," Opens & Closes), Rochester, N. Y.

Syracuse Stamping Co., Syracuse, N. Y.

**WESTINGHOUSE ELECTRIC & MFG. CO.** (Electric), East Pittsburgh, Pa.  
*See adv index at end of book*

Willis Charlotte J. (Bread), Ann Arbor, Mich.

Wilson Mfg. Co., Niles, O.

Woods, Sherwood Co. (Wire), Worcester, Mass.

**15654—Tobacco Dust & Stems**  
 Kentucky Tobacco Product Co., Louisville, Ky.

**15655—Tobacco Pouches (Rubber)**

Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.

Faultless Rubber Co., Ashland, O.

Goodrich B. F. Co., Akron, O.

Seamless Rubber Co., New Haven, Conn.

Tyer Rubber Co. ("Tyrian"), Andover, Mass.

**15656— Toboggan Slides**

Giant Mfg. Co. (Playground), Council Bluffs, Ia.

Ingersoll Construction Co., 324 4th av, Pittsburgh, Pa.

Morris E. Joy, 902 Walnut, Phila., Pa.

Phila. Toboggan Co., 130 E Duval, Gtn., Phila., Pa.

**15657— Toe-Calks (Steel)**

Aetna Nut Co. ("Black Horse"), Southington, Conn.

American Horse Shoe Co. (Toe & Heel Calks), Phillipsburg, N. J.

**AMERICAN STEEL & WIRE CO.** ("Junita"), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Burke P. F. (And "Dooley" Toe Calk), Damrell S, Boston, Mass.  
 Cambria Steel Co. (Bars & Finished), Widener bldg, Phila., Pa.  
 Christman A. H., Eaton, Ohio.  
 Franklin Steel Works ("Standard," "Climax," "Sweets"), Joliet, Ill. & Cambridge, Mass.  
 Ludvigsen Bros. (Welded Center), Jackson, Minn.  
 Phoenix Horse Shoe Co. ("Phoenix Bull Dog"), 209 S La Salle, Chicago, Ill.  
 Rhode Island Perkins Horse Shoe Co. ("Perkins"), Valley Falls, R. I.  
 U. S. Horse Shoe Co., Erie, Pa.  
 West'n Automatic Mach. Screw Co., Elyria, O.

**15658— Toggles**

**ANKYRA MFG. CO.**, Wayne Junction, Phila., Pa. *See adv index at end of book*

Columbus Chain Co., Columbus, O.  
*See adv index at end of book*

Eberhard Mfg. Co. (Harness), Cleveland, O.

Economy Toggle Co. ("Economy" for Tanners), 21 Storer, Boston, Mass.

Elbel Co. (Harness), Canton, O.

North & Judd Mfg. Co. ("Anchor Brand" Harness), New Britain, Conn.

Star Expansion Bolt Co. ("Sebco"), 147 Cedar, New York

**15659— \*Toggles (Wooden)**  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**15659a—\*Toilet Article Mfrs**

du PONT E. I. de NEMOURS & CO. (The Arlington Wks) ("Du Barry," "Pyrolin" & Ivory Pyrolin), Wilmington, Del.

**15660—Toilet Articles (Celluloid)**

Celluloid Co. (Brushes, Combs, Mirrors, Boxes, Rings, Trays, Files, Shoe Hooks & Horns, Thimbles, etc), 36 Washington pl, New York

**15660a— \*Toilet Sets**

*See also Manicure Sets*

du PONT E. I. de NEMOURS & CO. (The Arlington Wks), 725-27 B'way, New York

**15660b—\*Toilet Sets (Cased)**

du Pont E. I. de Nemours & Co. (The Arlington Wks., 725-27 B'way, New York

Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.

**15661— Tolanite**

Philadelphia Clay Co. (Pulverized or Lump), 1316 Commonwealth, Phila., Pa.

**15661a— Toluidine**

Chemical Co. of America, 28 Platt, New York

Transatlantic Chemical Corp., 80 Wall, New York

**15662— Toluol**

Barrett Co., 17 Battery pl, New York

Bayway Chemical Co., Elizabeth, N. J.

Du Pont Chemical Works, 120 Broadway, New York

Semet-Solvay Co., Syracuse, N. Y.

United Gas Improvement Co., Phila., Pa.

**15663—Tongs (Auto Chain)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

**15664— Tongs (Blacksmiths')**

Atha Tool Co., Chapel, Newark, N. J.

Auer John, Jr., 199 Middleton, Brooklyn, N. Y.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Champion Tool Co. ("Champion" Straight Lip, Bolt, Gad Pick Up), Meadville, Pa.



Evansville Tool Works, Evansville, Ind.  
 Hay-Budden Mfg. Co., 254 N Henry,  
 Brooklyn, N. Y.  
 Heller Bros. Co., 879 Mt. Prospect av,  
 Newark, N. J.  
 Iron City Tool Works, Ltd., 3201 Small-  
 man, Pittsburgh Pa.  
 Moore Drop Forging Co., Springfield, Mass.  
 Plumb Fayette R. (Inc.), Tucker & James,  
 Philadelphia, Pa.  
 Sargent & Co., New Haven, Conn.  
 Stearns E. C. & Co. ("Stearns," Swivel  
 Jaw), 450 Oneida, Syracuse, N. Y.  
 Vaughan & Bushnell Mfg. Co., 2114 Car-  
 roll av, Chicago, Ill.  
 Warren Tool & Forge Co., Warren, O.

### 15665-6—Tongs (Bridge Builders)

Atha Tool Co. (Rivet & Passing), Chapel,  
 Newark, N. J.

### 15667— Tongs (Candy)

Grammes L. F. & Sons, Allentown, Pa.  
 Hamblin & Russell Mfg. Co. (Wire),  
 Worcester, Mass.

### 15668— Tongs (Chain)

See also Wrenches, Chain

Bonner Co. ("Victor"), Champaign, Ill.  
 Kroeschell Bros. Co. ("Ideal"), 440 W  
 Erie, Chicago, Ill.  
 Robbins, Gamwell & Co. ("Robbins"),  
 Pittsfield, Mass.  
 Stortz John & Son (Hoisting), 210 Vine,  
 Phila., Pa.  
 Union Tool Co. ("Hardison," "Kellerman,"  
 "Maddress" for Oil & Gas, Well Pipe  
 or Casing), Los Angeles, Cal.

### 15669— Tongs (Charging)

Brass Founders Supply Co. (For Brass  
 Fdrs.), Hamberg pl, Newark, N. J.

### 15670— Tongs (Cinder)

Reading Saddle & Mfg. Co., Reading, Pa.

### 15670a— Tongs (Clinker)

**PILLEY FLUE BRUSH CO.** (For Steam,  
 Hot Water Heating, etc), 604 S 3rd,  
 St. Louis, Mo.

### 15671— Tongs (Coal)

Fanner Mfg. Co. ("Arctic"), Cleveland, O.

### 15672— Tongs (Crucible)

Anderson W. H. Tool & Supply Co., Brush  
 & Macomb, Detroit, Mich.  
 Auer John, Jr., 197 Middleton, Brooklyn,  
 N. Y.  
 Barnett Oscar Foundry Co., Irvington, N.J.  
 Byram & Co., Detroit, Mich.  
 Dicke Tool Co., Downers Grove, Ill.  
 Klemm E. R., 1453 Austin av, Chicago, Ill.  
 New Jersey Foundry & Machine Co., 89  
 West, New York  
**NORTHERN ENGINEERING WORKS**, 9  
 Chene, Detroit, Mich.  
*See adv index at end of book*  
 Whiting Foundry Equipment Co., Harvey,  
 Ill.

### 15673— Tongs (Curbing)

Barber Asphalt Paving Co., Buffalo, N. Y.

### Tongs (Farriers')

See Tongs, Blacksmiths'

### 15674— Tongs (Fish)

Estes E. B. & Sons (Wood), 358 5th av,  
 New York. *See adv index at end of book*  
 Nicol & Co. ("Nicol's"), 218 No. Jefferson,  
 Chicago, Ill.

### 15675— Tongs (Hog)

Pratt Wm. E. Mfg. Co. ("The Hill"), 35  
 W Lake, Chicago, Ill.

### 15676— Tongs (Ice)

American Ice Co., 6th & Arch, Phila., Pa.  
 Buffum Tool Co. ("Swastika"), South  
 Side, Louisiana, Mo.  
 Cassady, Fairbank Mfg. Co. (Combination  
 Saw, Pick & Tong), 6126 S La Salle,  
 Chicago, Ill.

Columbus Handle & Tool Co., Columbus,  
 Ind.

Dernell H. F. Co., Athens, N. Y.  
 Fanner Mfg. Co. ("Arctic," Family),  
 Cleveland, O.

Gifford-Wood Co., Hudson, N. Y.  
 Gruman Ice Tool Works, Branchville,  
 Conn.

Hopkins W. F., Groton, New York  
 Hutchins-Kilbourne Co. ("Little Giant"  
 Family), Buffalo, N. Y.

Louden Machinery Co. (Self Opening),  
 Fairfield, Ia.

Parks & Parks ("Little Giant" for Domes-  
 tic Use), Troy, N. Y.

Ray Geo. A. Mfg. Co., Buffalo, N. Y.  
 Reading Saddle & Mfg. Co. (Family),  
 Reading, Pa.

**SMITH F. P., WIRE & IRON WORKS**,  
 Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

**SMITH & HEMENWAY CO.** ("Red  
 Devil"), 76 Chambers, New York  
*See adv index at end of book*

Stortz Jno. & Son, 210 Vine, Phila., Pa.  
 Streeter N. R. & Co. ("Sensible"), Roch-  
 ester, N. Y.

Vaughan & Bushnell Mfg. Co. ("Jack  
 Frost," "V. & B."), 2114 Carroll av,  
 Chicago, Ill.

### 15677—Tongs (Joist or Timber)

Oshkosh Mfg. Co. (For Hoisting Timber,  
 etc, into High Buildings), Oshkosh,  
 Wis.

Sasgen Derrick Co., 3101 W Grand av,  
 Chicago, Ill. *See adv index at end of book*

### 15678—\*Tongs (Log Skidding)

**CLYDE IRON WORKS**, Duluth, Minn.  
*See adv index at end of book*

### 15679— Tongs (Machinists')

Barnes Tool Co., New Haven, Conn.  
 Buffum Tool Co. ("Swastika"), South Side,  
 Louisiana, Mo.

### 15680— Tongs (Piano Hammer Shank)

Kraeuter & Co., 583 18th av, Newark,  
 N. J.

### 15681—Tongs (Pick-up Fire)

Atha Tool Co., Chapel, Newark, N. J.  
 Bronx Derrick & Tool Co., S Blvd & 143d,  
 New York  
 Buffum Tool Co. ("Swastika"), South  
 Side, Louisiana, Mo.

### 15682— Tongs (Pipe)

Ashcroft Mfg. Co. ("Brown's"), Adjust-  
 able, etc), 119 W 40th, New York  
 Barnes Tool Co., New Haven, Conn.  
 Crane Co. (Est. 1855) ("Brown"), 836 S  
 Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
 Darling Pump & Mfg. Co. (Ltd), ("Dar-  
 ling"), Williamsport, Pa.

Jarecki Mfg. Co. ("Jarecki" Adjustable),  
 Erie, Pa.

Kroeschell Bros. Co. ("Ideal"), 440 W  
 Erie, Chicago, Ill.

Mueller H. Mfg. Co. ("Mueller" Im-  
 proved Derrick & Pipe Tongs for  
 Water & Gas Mains), Decatur, Ill.

Oil Well Supply Co. ("Klein" "Lay,"  
 Crumie," "Robbins"), 215 Water,  
 Pittsburgh, Pa.

Saunders' D. Sons, Yonkers, N. Y.  
 Union Drop Forge Co. (Parts Only), 358  
 W Grand, Chicago, Ill.

Walworth Mfg. Co., Boston, Mass.

### 15683— Tongs (Rail)

See also Tools, R. R. Track

Atha Tool Co., Chapel, Newark, N. J.  
 Auer John Jr. (Heavy), 197 Middleton,  
 Brooklyn, N. Y.

Beall Bros. (Inc.), Alton, Ill.  
 Evansville Tool Works, Evansville, Ind.

Harvey H. H. Mfg. Co., 15 Sherman, Bos-  
 ton, Mass.

Hubbard & Co., 63rd & Butler, Pittsburgh,  
 Pa.

Iron City Tool Works, Ltd., 3201 Small-  
 man, Pittsburgh, Pa.

Union Drop Forge Co., 358 W Grand, Chi-  
 cago, Ill.

Vaughan & Bushnell Mfg. Co. ("B. & O."  
 Drop Forged), 2114 Carroll av, Chi-  
 cago, Ill.

Verona Tool Works, Oliver bldg, Pitts-  
 burgh, Pa.

Warren Tool & Forge Co., Warren, O.  
 Warwood Tool Co., Warwood, Wheeling,  
 W. Va. *See adv index at end of book*

### 15684— Tongs (Rod)

Love M. A. Mfg. Co. ("Never Slip"), Rock-  
 ford, Ill.

### 15685— Tongs (Roofing)

Burritt O. W. & Bro., Weedsport, N. Y.  
 Emrich Phil ("Emrich"), 824 Main, Cin-  
 cinnati, O.

Footo J. B. Foundry Co., Fredericktown,  
 O.

**NIAGARA MACHINE & TOOL WORKS**,  
 Buffalo, N. Y. *See adv index at end of book*

Peck, Stow & Wilcox Co., Southington,  
 Conn.

Pratt Wm. E. Mfg. Co. ("Perfect"), 35  
 W Lake, Chicago, Ill.

Stortz Jno. & Son, 210 Vine, Phila., Pa.

### 15686—Tongs (Saw Brazing)

Baldwin, Tuthill & Bolton, Grand Rapids,  
 Mich.

### Tongs (Skidding)

See Tools, Logging & Lumbermen's

### 15687—Tongs (Stone Handling)

Channon Jas. H. Mfg. Co., 227 W Erie,  
 Chicago, Ill.

Dobbie Foundry & Machine Co., Niagara  
 Falls, N. Y.

Lincoln Iron Works (For Handling Fin-  
 ished Work), Rutland, Vt.

Sasgen Derrick Co. ("Sasgen"), 3101 W  
 Grand av, Chicago, Ill.

*See adv index at end of book*

### 15688— Tongs (Stump)

Oshkosh Mfg. Co., Oshkosh, Wis.

### 15689— Tongs (Tanners')

Emrich Phil., 824 Main, Cincinnati, O.  
 Horn Wm. H. & Bro. ("Diamond,"  
 "Crown"), 451 N 3d, Phila., Pa.

### 15690-1—Tongs (Vegetable, Etc.)

Hamblin & Russell Mfg. Co. ("Helping  
 Hand" Wire), Worcester, Mass.

### Tongue Supports

See Supports, Wagon Tongue

### 15692— Tongues (Machine)

Fosston Mfg. Co. ("Sageng" Adjustable),  
 473 Cleveland, St. Paul, Minn.

### 15693— Tongues (Wagon)

Campbell & Dann Mfg. Co., Tullahoma,  
 Tenn.

### 15694— Tool Kits

**ARSTRONG MFG. CO.** ("Armstrong" Com-  
 bination, Consisting of One Genuine  
 Armstrong Stock, One Pipe Cutter,  
 One Hinge Vise, One Stillson Wrench),  
 278 Knowlton, Bridgeport, Conn.

*See adv index at end of book*

Billings & Spencer Co. ("B. & S." Auto),  
 Hartford, Conn.

Bridgeport Hardware Mfg. Corp. (So.  
 Handy), Bridgeport, Conn.

Chicago Tool & Kit Mfg. Co. (Automobile  
 & Tractor), 6 E Lake, Chicago, Ill.

Feeser Frank S. Co., 1102 Prospect, In-  
 dianapolis, Ind.

Jennings C. E. & Co. ("Little Wonder"),  
 71 Murray, New York

Kennedy Mfg. Co. (Steel), 14 E Jackson  
 blvd, Chicago, Ill.

Klein Mathias & Sons (Electricians'  
 Pocket), 562 W Van Buren, Chicago,  
 Ill.

Marcy Tool Works ("Plumbers"), Putnam,  
 Conn.

Napanoch Knife Co. ("Kompak"), Napa-  
 noch, N. Y.

Vlcchek Tool Co. ("Vlcchek," Complete As-  
 sortments), 10711 Quincy av, Cleve-  
 land, O.

Zinn Edward (Pocket), 11th av & 25th,  
 New York



**15694a— \*Tool Makers**

Clyne R. G. Machine Wks., Columbia bldg.  
St. Louis, Mo.  
*See adv index at end of book*

**15695-6— Tool Posts**

Armstrong Bros. Tool Co. ("Armstrong" Improved), 339 N Francisco av, Chicago, Ill.  
Brown & Sharpe Mfg. Co. (Cutting-Off, etc), Providence, R. I.  
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.  
Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.  
Phoenix Mfg. Co. ("Conradson" Turret), Eau Claire, Wis.  
Rex Mfg. Co. ("Rex"), Cambridge, Mass.  
Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**15697— Tool Sets**

Armstrong Bros. Tool Co. ("Armstrong," Lathe, Comprises Ten Tools), 339 N Francisco av, Chicago, Ill.  
Bonner Tool Co. ("Victor," Farmers', etc), Champaign, Ill.  
Bridgeport Hardware Mfg. Corp. ("B. H. M."), Bridgeport, Conn.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Dikeman Mfg. Co. (Metal Handle), Norwalk, Conn.  
Fray Jno. S Co. (Inc.) (Hollow Handles), Bridgeport, Conn.  
Goodell-Pratt Co. (Hollow Handle), Greenfield, Mass.  
Improved Gauge Mfg. Co. (Wrench Sets), Syracuse, N. Y.  
Robinson M. W. Co. ("Rollis," "Buell's" Hollow Handle), 203 37th, Brooklyn, N. Y.  
Sargent & Co. ("Sargent" & "Aiken" Hollow Handle, etc), New Haven, Conn.  
Slocumb J. T. Co. (Micrometer), 35 Oxford, Providence, R. I.  
**SMITH & HEMENWAY CO.** ("Red Devil" Hollow Handle), 76 Chambers, New York *See adv index at end of book*  
Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.  
*See adv index at end of book*  
Williamsburg Mfg. Co. (Hollow Handle), Williamsburg, Mass.

**15698—Tool Stands (Portable)**

Allsteelquip Co. (Metal), Aurora, Ill.  
Western Tool & Mfg. Co. ("Champion" Movable Bench), Springfield, O.

**Tool Steel**

*See Steel, Crucible; also Steel Bar Malls*

**Tools (Adjustable Milling)**

*See Mills, Adjustable Hollow*

**Tools (Artesian Well Drilling)**

*See Machinery, Well Drilling*

**15699—Tools (Asphalt Paving)**

*See also Tools, Paving*

Barber Asphalt Paving Co., Buffalo, N. Y.  
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

**15700— Tools (Assayers')**

Sperry D. R. & Co. (Moulds, Pots Cupel Plates), North Aurora, Ill.

**15701— Tools (Automobile)**

Barcalo Mfg. Co., 225 Louisiana, Buffalo, N. Y.  
Beckley-Ralston Co., 1801 S Mich. av, Chicago, Ill.  
Buffum Tool Co. ("Swastika" Cylinder Ring Remover), South Side, Louisiana, Mo.  
Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*  
Crane Co., Allston, Mass.  
Empire Tire & Rubber Corp. ("Empire" Tire Irons, Tire Repair Kits, Tube Repair Clamps, Tire Tools), East Trenton, N. J. *See adv index at end of book*  
Gay E. L. Machine Co. (Gear, Cam & Flywheel Remover), Southbridge, Mass.

Gemco Mfg. Co. ("Gemco," Tire Tools), Milwaukee, Wis.

**GREENFIELD TAP & DIE CORP.** ("G. T. D." Taps, Dies, Reamers, Gauges, etc), Greenfield, Mass.  
*See adv index at end of book*

Helwig Mfg. Co. ("Helwig" Pneumatic Riveting Hammers, "Helwig" Pneumatic Chipping Hammers, "Helwig" Pneumatic Reversible Drills & Bolt & Rivet Clippers "Helwig"), St. Paul, Minn.

Long Adam A. ("L. & M." Shoe Loosener), Rochester, N. Y.

Michelin Tire Co. (Tire Tools), Milltown, N. J.

Mound Tool Co. ("Mounds"), 1203 S 7th, St. Louis, Mo.

Noon A. S. Tool & Machine Wks., Rome, N. Y.

Rhodes Mfg. Co. (Tire Removers), Grand Rapids, Mich.

Shawver Co. (Tire Removers, "Springfield"), Springfield, O.

Van Doren Mfg. Co. ("Vander"), Chicago Heights, Ill.

Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

Wells F. E. & Son Co. (Tire Valve Tools for Rethreading), Greenfield, Mass.

**15702— Tools (Balancing)**

Bowsher N. P. Co. ("Balancing Way"), South Bend, Ind.

Rockford Tool Co. ("20th Century," for Pulleys, Cones, Armatures, etc), Rockford, Ill.

**15703— Tools (Beading)**

Atha Tool Co. (Flue Beaders), Chapel, Newark, N. J.

Buffum Tool Co. ("Swastika," Boilermakers'), South Side, Louisiana, Mo.

Cleveland Punch & Shear Works Co. (Flue Beaders), 3921 St. Clair av, N E, Cleveland, O.

Eagle Tool Works, Bayonne, N. J.

Goldblatt H. Tool Co, 213 E 15th, Kansas City, Mo.

Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.

Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.

Marshalltown Trowel Co., Marshalltown, Ia.

Pratt & Whitney Co. (Flue Beading), Hartford, Conn.

Vlchek Tool Co. ("Vlchek" Flue Beading), 10711 Quincy av, Cleveland, O.

Wiedeke Gustav & Co. (Boilermakers'), Dayton, O.

**15704—Tools (Bell Centering)**

Braunsdorf-Mueller Co., Elizabeth, N. J.

**Tools (Blacksmiths')**

*See Index of Contents for Specific Article Wanted. If Not Found, Write Us*

**15705—Tools (Boilermakers')**

**AMERICAN DIE & TOOL CO.**, Reading, Pa. *See adv index at end of book*

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, O.

Faessler J. Mfg. Co. (Hand & Pneumatic), Moberly, Mo.

**GREENFIELD TAP & DIE CORP.** ("G. T. D." Taps & Reamers), Greenfield, Mass.  
*See adv index at end of book*

Ingersoll-Rand Co., 11 B'way, New York *See adv index at end of book*

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Thomson Alex, Fitchburg, Mass.

Van Doren Mfg. Co. ("Vander"), Chicago Heights, Ill.

Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

Wiedeke Gustav & Co. (Tube Expanders, Beading Tools, Tube Cutters), Dayton, O.

**15706— Tools (Bookbinders')**

Hickok W. O. Mfg. Co., Harrisburg, Pa.

**15707— Tools (Boring)**

*See also Tools, Lathe; also Braces; also Drills, Automatic*

Allen & Curtiss Co. ("Simple"), Mishawaka, Ind.

Armstrong Bros. Tool Co. ("Armstrong, also Three Bar), 339 N Francisco av, Chicago, Ill.

Bergman Tool Mfg. Co. (For Cross Sill Boring), Buffalo, N. Y.

Blakely W. W. ("Common Sense" Adjustable), 100 Leicester ct, Detroit, Mich.

Connecticut Valley Mfg. Co. ("Jennings" Wood), Centerbrook, Conn.

Forest City Bit & Tool Co. (Wood Boring & Hollow Mortising), Rockford, Ill.

Fray Jno. S. Co. (Inc.), Bridgeport, Conn.

Goodell Mfg. Co., Greenfield, Mass.

Kelly Reamer Co. ("Kelly"), 1553 Columbus rd, Columbus, O.  
*See adv index at end of book*

Maxwell F. A. Machine Co. ("E. Z. Set"), 1011 Power av, Cleveland, O.

Mayhew H. H. Co., Shelburne Falls, Mass.

Millers Falls Co. (Automatic), 28 Warren, New York. Works: Millers Falls, Mass.

Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.

National Mfg. Co. ("Natwire"), Worcester, Mass.

New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.  
*See adv index at end of book*

O. K. Tool Holder Co. ("O. K."), Shelton, Conn.

Ready Tool Co. ("Red-E"), Bridgeport, Conn.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

Star Bit & Tool Co. (Wood Boring & Hollow Mortising), Rockford, Ill.

Union Tool Co. ("Hill"), Orange, Mass.

Van Doren Mfg. Co. ("Vander"), Chicago Heights, Ill.

Wellman Co. ("Twentieth Century"), Medford, Mass.

Western Tool & Mfg. Co. ("Champion"), Springfield, O.

Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

Wrightville Hardware Co. ("Quad" & "Quint," for Augur Mortisers), Wrightsville, Pa.

**Tools (Bricklayers')**

*See Tools, Masons'*

**15708— Tools (Burring)**

**GREENFIELD TAP & DIE CORP.** ("G. T. D." Sprilla Fluted, Burring Reamers), Greenfield, Mass.  
*See adv index at end of book*

**Tools (Butchers')**

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**Tools (Cabinetmakers')**

*See Specific Article Required*

**15709— Tools (Calking)**

Anderson W. H. Tool & Supply Co., Brush & Macomb, Detroit, Mich.

Atha Tool Co., Chapel, Newark, N. J.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Carver Tool Works, Spring Valley, N. Y.

Drew C. & Co., Kingston, Mass.

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Lovejoy Tool Works (Straight or Bent), 319 W Ohio, Chicago, Ill.

Mack & Co. ("D. R. Barton"), Rochester, N. Y.

Marcy Tool Works, Putnam, Conn.

Mound Tool Co., 1203 S 7th, St. Louis, Mo.

Mueller H. Mfg. Co. (Combination Soil Pipe), Decatur, Ill.

Osborne C. S. & Co., Harrison, N. J.

Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.

Pollard J. G., 141 Raymond, Brooklyn, N. Y.

Stortz John & Son, 210 Vine, Phila., Pa.

S. & I. Co. ("Never Break," Plumbers'), Springfield, Mass.

Union Iron Works, Hoboken, N. J.

Van Doren Mfg. Co. ("Vander"), 227 W Erie, Chicago Heights, Ill.

Vlchek Tool Co. ("Vlchek" Plumbers', Boilermakers', etc), 10711 Quincy av, Cleveland, O.

White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

Wilcox, Crittenden & Co. (Calking Irons), Middletown, Conn.



**15710—Tools (Carpenters')**

See also Index of Contents for Specific Article Required. If Not Found, Write Us Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
 Warren Tool & Forge Co., Warren, O.

**Tools (Cement Sidewalk)**

See Tools, Concrete Finishing

**15711—Tools (Cement Workers')**

Rock Island Mfg. Co., Rock Island, Ill.  
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.

**15712—Tools (Comb)**

Grimes & Harris, Leominster, Mass.

**15713—Tools (Combination)**

Benefiel C. E. Co. ("Handi-Tool"), Indianapolis, Ind.  
 Chicago Flexible Shaft Co. ("Stewart" Handy Worker), 608 N La Salle, Chicago, Ill.  
 Foote Mfg. Co. ("Ever-Ready" Tool Kit, Hammer, Punches, Pullers, Screw-driver, Wire Splicer, Wrench, All Combined in One), Dayton, O.  
 Harrah Mfg. Co. ("12-In-1"), Bloomfield, Ind.

**15714—Tools (Commutator, Truing)**

**GENERAL ELECTRIC CO.** ("B & B," also Slotting), Schenectady, N. Y.  
*See adv index at end of book*  
 Jordan Bros., 74 Beekman, New York

**15715—Tools (Concrete Finishing)**

Abraham Cement Tool Co., 27 Woodward av, Detroit, Mich.  
 Anderson W. H. Tool & Supply Co. (Edgers, Groovers, Markers, Rollers, Framers, etc), Bush & Macomb, Detroit, Mich.  
 Arrowsmith Concrete Tool Co., Arrowsmith, Ill.  
**BONNEY VISE & TOOL WORKS**, Allentown, Pa. *See adv index at end of book*  
 Brunner & Lay, 570 W Polk, Chicago, Ill.  
 Buckeye Iron & Brass Works (Brass Edgers, Step Tool, Jointer & Cast Iron Tramp, etc), Dayton, O.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Cheney S. & Son ("Mogul"), Manlius, N. Y.  
 Crescent Novelty Mfg. Co. (Steel or Bronze), 703 S B'way, St. Louis, Mo.  
 Duffy Mfg. Co., 214 W Grand av, Chicago, Ill.  
 Goldblatt H. Tool Co., 213 East 15th, Kansas City, Mo.  
 Kramer Bros. Foundry Co. ("Gem"), Dayton, O.  
 Marsh Co. ("Miracle"), Old Colony bldg, Chicago, Ill.  
 Noble Henry A. Co., 203 Dock, Phila., Pa.  
 Ohio Tool Co., Charleston, W. Va.  
 Rock Island Mfg. Co., Rock Island, Ill.  
*See adv index at end of book*  
 Smith & Holtum Mfg. Co. ("S. & H." Aluminum), Clinton, Wis.  
 Standard Tool & Mfg. Co. ("Standard" Long Handled), Indianapolis, Ind.  
 Stortz John & Son, 210 Vine, Phila., Pa.  
 Vogt Tool Co., 912 E 19th, Kansas City, Mo.

**15716—Tools (Coopers')**

American Axe & Tool Co., Glassport, Pa.  
 Atha Tool Co., Chapel, Newark, N. J.  
 Atkins E. C. & Co. (Saws), Indianapolis, Ind.  
 Black John B. Co. ("Wm. Beatty & Sons"), Chester, Pa.  
 Chapin, Stephens Co., Pine Meadow, Conn.  
 Cincinnati Tool Co., Norwood, Cincinnati, O. *See adv index at end of book*  
 Collins Co., Collinsville, Conn.  
 Crescent Novelty Mfg. Co. ("Crescent" Punch), 703 S B'way, St. Louis, Mo.  
 Drew C. & Co., Kingston, Mass.  
 Emerson Smith & Co., Beaver Falls, Pa.  
 Evansville Tool Works, Evansville, Ind.  
 Heald Addison & Son, Milford, N. H.  
 Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.

Mack & Co. ("D. R. Barton" Axes, Adzes, Anvils, Drawing Knives, Beck Horns, etc), Rochester, N. Y.  
 Ohio Tool Co. (Edge & Wood), Charleston, W. Va.  
 Piqua Handle & Mfg. Co., Piqua, O.  
 Sandusky Tool Co. (Wood Tools, etc), Sandusky, O.  
 Stortz John & Son, 210 Vine, Phila., Pa.  
 Swan Jas. Co., Seymour, Conn.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.  
 White L. & I. J. Co., 120 Columbia, Buffalo, N. Y.

**15717—Tools (Cotter Pin)**

Billings & Spencer Co. ("B. & S."), Hartford, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Marcy Tool Works, Putnam, Conn.  
 Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.  
 Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

**15718—Tools (Cutting-Off)**

Armstrong Bros. Tool Co. ("Armstrong" Straight & Right & Left Hand), 339 N Francisco av, Chicago, Ill.  
 Goodell-Pratt Co., Greenfield, Mass.  
 O. K. Tool Holder Co. ("O. K."), Shelton, Conn.  
 Pratt & Whitney Co. ("Johnson" Cutting-Off Blades), Hartford, Conn.  
 Ready Tool Co. ("Red-E"), Bridgeport, Conn.  
 Union Tool Co. ("Hill High Speed"), Orange, Mass.  
 Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill.  
 Walworth Mfg. Co., Boston, Mass.  
 Western Tool & Mfg. Co. ("Champion"), Springfield, O.

**15719—Tools (Diamond, Turning Etc.)**

See also Emery Wheel Dressers; also Cutters, Glass  
 Acme Diamond Tool Co., 56 Liberty, New York  
 Crafts Arthur A., 125 Summer, Boston, Mass.

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**CARBON (Black Diamonds) & BORTZ DIAMOND POINTED TOOLS**

**S. DESSAU'S SON**

180 Broadway New York

Dickinson Thos. L., 64 Nassau, New York  
 Francis & Co., Hartford, Conn.  
 Mendes Cutting Factories ("Mendes" for all Mechanical Purposes), 12 John, New York  
 Meyers Willard F. Machine Co., 614 Hamilton, Astoria, N. Y.  
 Osgood J. L. Tool Co. ("Black Diamond"), Buffalo, N. Y.  
 Safety Emery Wheel Co. (Hand Lathe), Springfield, O.  
 Skinner Bros., 430 Kent av, Brooklyn, N. Y.  
 Tanite Co., Stroudsburg, Pa.  
 Union Tool Co., Orange, Mass.  
 Wennstrom's John Sons Co., Suffern, N. Y.  
 Wheel Truing Tool Co., Detroit, Mich.

**15720-1—\*Tools (Draftsman's)**

American Drafting Furniture Co. (Squares, Automatic or Parallel Rule), 199 Railroad, Rochester, N. Y.  
*See adv index at end of book*  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**Tools (Drill Sharpening)**

See Drill, Sharpening Machines

**15722—Tools (Drilling & Fishing, Oil Well)**

Acme Fishing Tool Co., Parkersburg, W. Va.  
 American Well & Prospecting Co., Corsicana, Tex.  
 Boardman Robt. Co., Oil City, Pa.  
 Bovaird Supply Co., Independence, Kan.  
 Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
**COLUMBUS FORGE & IRON CO.**, Columbus, O. *See adv index at end of book*  
 Davin J. J., Washington, Pa.  
 Higbee Tool Co., Bremen, O.  
 Kesselman & Co., Butler, Pa.  
**KEYSTONE DRILLER CO.**, Beaver Falls, Pa.  
 Larkin J. J., Bartelsville, Okla.  
 Larkin & Co., Butler, Pa.  
 Leidecker Tool Co., Marietta, O.  
 Lucey Mfg. Corp. of Tenn., Chattanooga, Tenn.  
 McDermott P. J., Martins Ferry, O.  
 Masseth Packer & Machine Works ("M & B"), Butler, Pa.  
 Muirhead John & Son, Pittston, Pa.  
 Norwalk Drilling Tool Co., Norwalk, O.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Phillips David Co., Bradford, Pa.  
 Producers' Supply Co., Franklin, Pa.  
 Robertson D. W., Bradford, Pa.  
 Sheridan John J. & Co., Mars, Pa.  
 Sinclair & Morrison Co., Lima, O.  
 Spang & Co., Butler, Pa.  
 Star Drilling Machine Co., Akron, O.  
 Tuna Iron & Steel Works, Bradford, Pa.  
 Union Iron Works, Houston, Tex.  
 Union Tool Co., Los Angeles, Cal.  
 Wilson & Willard Mfg. Co., Los Angeles, Cal.  
 Zahniser Bros. & Sten, Washington, Pa.

**15722a—\*Tools (Electric)**

**DOPP J. W. & CO.** (Dealers), 1420 Dime Bank bldg, Detroit, Mich.

**Tools (Electricians')**

See Tools, Lineman's

**15723-4—Tools (Emergency)**

Try-Me Mfg. Co. ("Milla's"), Springfield, Mass.

**Tools (Engine Room)**

See Tools, Packing

**Tools (Engineers')**

See Index of Contents for Specific Article Required

**15725—Tools (Expansion Boring)**

Davis Boring Tool Co. ("Davis"), 3722 Forest Park bl, St. Louis, Mo.

**15726—Tools (Farriers')**

Atha Tool Co., Chapel, Newark, N. J.  
 Buffum Tool Co. ("Swastika"), Louisiana, Mo.  
 Champion Tool Co., Meadville, Pa.  
 Evansville Tool Works, Evansville, Ind.  
 Hammond C. & Son, Ogontz, Pa.  
 Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.  
 Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
 Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

**15727—Tools (Fillet)**

Cleveland Galvanizing Works Co., E. Cooper av & Penna. R. R., Cleveland, Ohio  
 Timmins & Clissold, Bound Brook, N. J.

**15728—Tools (Finishing Gutter & Step)**

Crescent Novelty & Mfg. Co. (Sheet Metal, All Sizes and Designs), 703 S B'way, St. Louis, Mo.  
 Rock Island Mfg. Co., Rock Island, Ill.

**15729—Tools (Firing)**

Auer John, Jr., 197 Middleton, Brooklyn, N. Y.  
 Grabler Mfg. Co., Cleveland, O.  
 Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.



**15730— Tools (Framing)**

Topp G. A. &amp; Co. ("Topps"), Indianapolis, Ind.

**Tools (Gardeners')**

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**15731—Tools (Glassmakers')**

Blaisdell Machine Works (Medical, Laboratory &amp; Scientific), Vineland, N. J.

**15732— Tools (Glaziers')**

Ohio Tool Co., Charleston, W. Va.

**15733— Tools (Graining)**

Burton A. &amp; E. &amp; Co. (Painters'), 73 Pearl, Boston, Mass.

**15734— Tools (Granite & Stone Cutters')**

See also Pneumatic Stone Cutting Tools

Ahern Jas., Barre, Vt.  
Anderson W. H. Tool & Sup. Co., Brush & Macomb, Detroit, Mich.**BLISS E. W. CO.**, 19 Adams, Brooklyn, N. Y. *See adv index at end of book*Braunsdorf-Mueller Co., Elizabeth, N. J.  
Brunner & Lay, 570 W Polk, Chicago, Ill.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Dallett Thos. H. Co. (Pneumatic, etc), Juniper &amp; Federal, Phila., Pa.

Davey John H., New London, Conn.  
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.

Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.

Hauck Wm. J., 306 Southwest blvd, Kansas City, Mo.

Heartley Machine, Variety Iron &amp; Tool Works, 900 Summit, Toledo, O.

Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.

Isele A. W. &amp; Son, 51 Pitt, Boston, Mass.

Kelley Benj. & Co., Belfast, Me.  
Kemp J. F. & Co., Quincy, Mass.Livingston Mfg. Co., Rockland, Me.  
Mead I. V. & Co., 413 E 110th, New York

Phillips F. &amp; Son, 1336 Greenmount av, Baltimore, Md.

Racky Albert C., 531 S 5th av, Chicago, Ill.

Stubbs Steel Co., 17 N 5th, Phila., Pa.  
Trimbach Geo. Dayton, O.Trow & Holden Co., Barre, Vt.  
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.Vogl Tool Co., Kansas City, Mo.  
Vulcan Tool Mfg. Co., Quincy, Mass.

Willbas Gustaf, Quincy, Mass.

**15735—Tools (Gun Cleaning & Reloading)**

Cullum &amp; Boren Explosive Co. ("Texas Ranger," Rifle Cleaning Rod), Dallas, Tex.

Marble Arms &amp; Mfg. Co. ("Marble" Gun Rods &amp; Cleaners), Gladstone, Mich.

Marlin Fire Arms Corp. (Reloading), New Haven, Conn.

Parker Bros. (Cleaning &amp; Reloading), Meriden, Conn.

Remington Arms-Union Metallic Cartridge Co., 233 B'way, New York

Rupert G. G. ("G. &amp; R." Cleaning Rod), Decatur, Ill.

Savage Arms Corp. (Reloading), Utica, N. Y.

Stevens J. Arms Co. (Gun Cleaning), Chicopee Falls, Mass.

Union Hardware Co. (Cleaning &amp; Reloading), Torrington, Conn.

U. S. Cartridge Co. ("Belcher's" Automatic Magazine Cartridge Loader), Lowell, Mass.

Winchester Repeating Arms Co. (Reloading), New Haven, Conn.

Worcester Brush &amp; Scraper Co. ("Criss-Cross," Gun Cleaner &amp; Gun Rod), Worcester, Mass.

**15736—Tools (Harness & Saddlery)**

Horn Wm. H. &amp; Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

**15737— Tools (Hatters')**

Cumming M. A. &amp; Co., 43 Bleeker, New York

**15738— Tools (Haying)**American Fork & Hoe Co., Cleveland, O.  
Appleton Hay Tool Co. ("Miller Eagle"), Appleton, Wis.Barley Thos. K. Sedalia, Mo.  
Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.Fleming & Sons Mfg. Co., Huntsville, Mo.  
Herschel B. Mfg. Co., Peoria, Ill.Hunt, Helm, Ferris & Co., Harvard, Ill.  
Jenkins Hay Rake & Stacker Co., Chilli-cothe, Mo.Louden Machinery Co., Fairfield, Ia.  
Milwaukee Hay Tool Co., Layton Park, Milwaukee, Wis.**MYERS F. E. & BRO.**, 800 Orange, Ashland, O. *See adv index at end of book*Ney Mfg. Co., Canton, O.  
Ney V. L. Co., Canton, O.O'Neil T. L., Marseilles, Ill.  
Porter J. E. Co., Ottawa, Ill.Strickler Hay Tool Co., Janesville, Wis.  
Swineford G. A. Co., Canton, O.

Syracuse Chilled Plow Co., Syracuse, N. Y.

**15739—Tools (Hollow Handle Sets)**

See also Tools, In Sets

Bergman Tool Mfg. Co., Buffalo, N. Y.  
Millers Falls Co., Millers Falls, Mass.

Morgan Mfg. Co. ("Morgans Handy"), Newport, R. I.

**Tools (Hollow Mortising)**

See Chisels, Hollow Mortising

**15740—Tools (Ice Harvesting)**Bodenstein J. G. & Co., Staatsburgh, N. Y.  
Dernell H. F. Co., Athens, N. Y.Gifford-Wood Co., Hudson, N. Y.  
Gruman Ice Tool Works, Branchville, Conn.

Heartley Machine, Variety Iron &amp; Tool Works, 900 Summit, Toledo, O.

Stevens Benj. A. Co., Toledo, O.

**15741—Tools (Interchangeable)**

Currier-Koeth Mfg. Co. ("Koeth's"), Coudersport, Pa.

**Tools (Jewelers')**

See Tools, Watchmakers' &amp; Jewelers'

**15742—Tools (Key Seating)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

National Machine Tool Co. ("National"), Cincinnati, O.

Union Tool Co. ("Hill"), Orange, Mass.  
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.**15743— Tools (Knurling)**

Alert Tool Co. (Up to 1/2 inch in Diameter), 221 N 23rd, Phila., Pa.

Armstrong Bros. Tool Co. ("Armstrong," Plain &amp; Revolving Head), 339 N Francisco av, Chicago, Ill.

Billings &amp; Spencer Co. ("Billings"), Hartford, Conn.

Goodell-Pratt Co. (Hand), Greenfield, Mass.

Pratt &amp; Whitney Co., Hartford, Conn.

Wells F. E. &amp; Son Co. ("Wells"), Greenfield, Mass.

**15744—Tools (Lathe & Planer)**

Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.

Atha Tool Co., Chapel, Newark, N. J.  
Bagshaw & Field, 445 N 5th, Phila., Pa.Braunsdorf-Mueller Co., Elizabeth, N. J.  
Cincinnati Planer Co. ("Whalen" Planer), Cincinnati, O.*See adv index at end of book*

Goodell-Pratt Co. (Lathe, Small Size Only), Greenfield, Mass.

Marcy Tool Works, Putnam, Conn.  
Meriden Machine Tool Co., Meriden, Conn.

Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.

New Process Specialty Co., Enterprise bldg, Milwaukee, Wis.

*See adv index at end of book*

Niles-Bement-Pond Co., 111 B'way, New York

O. K. Tool Holder Co. ("O. K."), Shelton, Conn.

Pratt & Whitney Co., Hartford, Conn.  
Ready Tool Co. ("Red-E" Side Lathe), Bridgeport, Conn.

Reed-Prentice Co. (Lathe), Worcester, Mass.

Ryerson Jos. T. &amp; Son, 2553 W 16th, Chicago, Ill.

Stortz Jno. & Son, 210 Vine Phila., Pa.  
Union Tool Co. ("Hill," "Eberhardt"), Orange, Mass.

Van Doren Mfg. Co. ("Vandor"), 227 W Erie, Chicago Heights, Ill.

Western Tool &amp; Mfg. Co. ("Champion" Side Tool), Springfield, O.

Young Machine &amp; Tool Co., Worcester, Mass.

**15745— Tools (Lead Burners)**

Geforer C. &amp; Son, 1017 Ridge, Phila., Pa.

**15746— Tools (Linemen's)**

Buckeye Mfg. Co., Canton, O.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

**THE CINCINNATI TOOL CO.**  
**HARGRAVE**Norwood, Cincinnati, O.  
Columbus Handle & Tool Co., Columbus, Ind.Dicke Tool Co., Downers Grove, Ill.  
Irvington Mfg. Co. ("Irvington" & "Red Devil"), Irvington, N. J.

Klein Mathias &amp; Son, 562 W Van Buren, Chicago, Ill.

Stortz Jno. &amp; Son, 210 Vine, Phila., Pa.

**15747—Tools (Logging & Lumberman's)**

American Logging Tool Co. ("Sanford," "Champion," "Blue Line," "Oshkosh," "Columbia," "Evart," "American"), Evart, Mich.

Avery &amp; Co., 48 3rd, Portland, Ore.

Channon Jas. H., Mfg. Co., 227 W Erie, Chicago, Ill.

Columbus Handle &amp; Tool Co., Columbus, O.

Dixie Logging Tool Co., Chattanooga, Tenn.

Gerlach Peter Co., 1712 Winter, Cleveland, O.

Grays Harbor Iron &amp; Steel Co., Hoquiam, Wash.

Northwestern Mfg. Co., Duluth, Minn.

Oshkosh Mfg. Co., Oshkosh, Wis.

Prouty C. &amp; Co., Eldred, Pa.

Remick A. R., Kelso, Wash.

Simonds Mfg. Co., Ltd., 420 Canal, New Orleans, La.

Stacy Eugene C., Tiffin, O.

Warren Axe &amp; Tool Co. ("Bull Dog"), Warren, Pa.

**15748— \*Tools (Machinists')****STARRETT L. S. CO.**, Athol, Mass.*See adv index at end of book***Tools (Machinists' Hand)**

See Specific Article Required; also Machinists' Tools &amp; Supplies

**Tools (Marble Workers')**

See Tools, Granite &amp; Stone Cutters

**15749— Tools (Masons')**

Brunner &amp; Lay, 570 W Polk, Chicago, Ill.

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.

Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.

Phillips F. &amp; Son, 1336 Greenmount av, Baltimore, Md.

Racky Albert C., 531 S 5th av, Chicago, Ill.

Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.

Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

Vogl Tool Co., Kansas City, Mo.



**15750—\*Tools (Measuring)**

**NORMA CO. OF AMERICA**, 1790 B'way, New York *See adv index at end of book*

**Tools (Metal Workers')**

*See Specific Article Required*

**15751—Tools (Milling Machine)**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Pratt & Whitney Co., Hartford, Conn.

**15752—\*Tools (Millwrights')**

**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*

**15753— Tools (Mining)**

American Mining Tool Co., Ottumwa, Ia.  
Beall Bros. ("Old Alton"), Alton, Ill.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Cyclone Machine Co., Pittston, Pa.  
Fulton Tool Works ("Fulton"), Canal Fulton, O.  
Funk Bros. Mfg. Co. (Coal), 53 W Jackson, Chicago & Chicago Heights, Ill.  
Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.  
Iron City Tool Works, Ltd. (Coal Miners'), 3201 Smallman, Pittsburgh, Pa.  
Iwan Bros., South Bend, Ind.  
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
Leetonia Tool Co., Leetonia, O.  
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
Progressive Mercantile & Mfg. Co., Pana, Ill.  
What Cheer Tool Co., What Cheer, Ia.

**15754— Tools (Mitreing)**

Carver Tool Works, Spring Valley, N. Y.  
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.

**15755—Tools (Motor Cycle Chain)**

Bean Tool & Sales Co., Berea, O.

**15756— Tools (Moulders')**

Barnett Oscar Foundry Co. ("Monk's"), Irvington, N. J.  
Disston Hy. & Sons, Tacony, Phila., Pa.  
Dobson Wm., Canastota, N. Y.  
Monk Chas., 83 18th, Brooklyn, N. Y.  
Osborn Mfg. Co., 5405 E Hamilton, Cleveland, O.

**15757— Tools (Nailing)**

Pearson E. Martin ("Pearson" Hand Nail-er), Robbinsdale, Minn.

**15758— Tools (Packing)**

Auer John Jr., 197 Middleton, Bklyn, N. Y.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Mound Tool (& Scraping), 1203 S 7th, St. Louis, Mo.  
**STRONG MACHINERY & SUPPLY CO.** (Lighting & Improved Old Style), 21 Walker, New York  
*See adv index at end of book*

**15759—Tools (Paper Hangers')**

Aronson Joel, 604 B'way, Brooklyn, N. Y.  
Ridgely Trimmer Co., Springfield, O.

**15760— Tools (Parting)**

Swan James Co. (For Wood Turners), Seymour, Conn.

**15761-2— Tools (Paving)**

*See also Tools, Concrete Finishing; also Tools, Asphalt Paving*

Ames Plow Co., Quincy Hall, Boston, Mass.  
Anderson W. H. Tool & Supply Co., Bush & Macomb, Detroit, Mich.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Crescent Novelty Mfg. Co. ("Crescent" & Granitoid Sidewalk), 703 S B'way, St. Louis, Mo.  
Hauck Wm. J. (Concrete, etc), 306 Southwest blvd, Kansas City, Mo.

Kramer Bros. Foundry Co., Dayton, O.  
Phillips F. & Son, 336 Greenmount av, Baltimore, Md.  
Pollard Jos. G., 141 Raymond, Brooklyn, N. Y.  
Reading Saddle & Mfg. Co. (Cement Finishing), Reading, Pa.  
Trow & Holden Co., Barre, Vt.  
Union Iron Works, Hoboken, N. J.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.

**15763—Tools (Pipe Threading)**

**BORDEN CO., THE**, ("Beaver"), Warren, Ohio *See adv index at end of book*  
Toledo Pipe Threading Machine Co. (Ratchet, etc), 1440 Summit, Toledo, O.

**15764— Tools (Pitching)**

Anderson W. H. Tool Supply Co., Brush & Macomb, Detroit, Mich.  
Atha Tool Co., Chapel, Newark, N. J.  
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.  
Evansville Tool Works, Evansville, Ind.  
Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.  
Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.  
Stortz Jno. & Son, 210 Vine, Phila., Pa.  
Vlcchek Tool Co. ("Vlcchek" Granite), 10711 Quincy av, Cleveland, O.

**Tools (Planer)**

*See Tools, Lathe & Planer*

**15765— Tools (Plasterers')**

Brandsdorf-Mueller Co., Elizabeth, N. J.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Goldblatt H. Tool Co. (Aluminum & Wood Hawks, Aluminum & Wood Darbies, Cork & Wood Floats, Mitre Tools & Rods), 213 E 15th, Kansas City, Mo.

**5766—Tools (Plumbers' & Tinnners')**

Anderson W. H. Tool Supply Co. (Plumbers), Brush & Macomb, Detroit, Mich.  
Bernz Otto, 21 Ashland av, Newark, N. J.  
Bicknell Mfg. & Supply Co. (Plumbers Only), Janesville, Wis.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Burritt O. W. & Bro. (Tinnners' Only), Weedsport, N. Y.  
Carver Tool Works, Spring Valley, N. Y.  
Fleck Bros. Co. ("K. Korkers"), 44 N 5th, Phila., Pa.  
Johnson W. (Hedenberg Works), Newark, N. J.  
Merchant & Evans Co. (Tinnners' Tools & Machines), 2035 Washington av, Phila., Pa. *See adv index at end of book*  
Mueller H. Mfg. Co. (Plumbers'), Decatur, Ill.  
**NASON MFG. CO.**, 71 Fulton, New York *See adv index at end of book*  
**NIAGARA MACHINE & TOOL WORKS** (Tinnners' Only), Buffalo, N. Y. *See adv index at end of book*  
Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
Stortz Jno. & Son, 210 Vine, Phila., Pa.  
S. & I. Co. ("Never Break," Plumbers Calking Tools, etc), Springfield, Mass.  
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.

**Tools (Pneumatic)**

*See Pneumatic Tools*

**15767— Tools (Pump)**

Brown Harold P., 120 Liberty, New York  
Mack & Co. ("D. R. Barton"), Rochester, N. Y.  
Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*

**15768— Tools (Pyrites Furnace Charging)**

Pratt Engineering & Machine Co., Atlanta, Ga.

**15769—Tools (Rail Bonding)**

**AMERICAN STEEL & WIRE CO**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
Lord Mfg. Co. ("Lord" Tools, Soldering Torches, etc), 105 W 40th, New York  
Ohio Brass Co., Mansfield, O.

**15770—Tools (Railroad Track)**

Atha Tool Co., Chapel, Newark, N. J.  
Beall Bros., Alton, Ill.  
Buda Co., Railway Exch. bldg, Chicago, Ill.  
Handlan-Buck Mfg. Co., 210-14 N 3d, St. Louis, Mo.  
Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
Ingersoll-Rand Co. ("Imperial" Pneumatic Tie Tampers), 11 B'way, New York  
*See adv index at end of book*  
Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.  
Isele A. W. & Son, 51 Pitt, Boston, Mass.  
Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
Lovejoy Tool Works, 319 W Ohio, Chicago, Ill.  
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.  
Sheffield Car Co., Three Rivers, Mich.  
Standard Tool Co., 6900 Central av, Cleveland, O.  
Union Drop Forge Co., 358 W Grand av, Chicago, Ill.  
Verona Tool Works, Oliver bldg, Pittsburgh, Pa.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.  
Warren Tool & Forge Co. (Adzes, Chisels, Wrenches, Tongs, Forks, Spike Pullers), Warren, O.  
Western Tool & Forge Co., Brackenridge, Pa.

**15771— Tools (Rivet)**

Cleveland Steel Tool Co. (Center-Cut, Side-Cut & Backing Out), Cleveland, O.

**15772—Tools (Rock Drill Sharpening)**

Atha Tool Co., Newark, N. J.  
Evansville Tool Works, Evansville, Ind.  
Ingersoll-Rand Co. (For Drill Steels), 11 B'way, New York  
*See adv index at end of book*  
Iron City Tool Works Ltd., 3201 Smallman, Pittsburgh, Pa.

**15773— Tools (Roofing)**

Belden Machine Co., New Haven, Conn.  
Cardington Cabinet Co., Cardington, O.  
Danzon Metal Works (Tinner's, etc), Hagerstown, Md.  
Delphos Mfg. Co., 1st & Pierce, Delphos, O.  
Emrich Phil. ("Emrich"), 824 Main, Cincinnati, O.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y.  
*See adv index at end of book*  
Ohio Roofing Tool Co., Tiffin, O.

**15774— Tools (Sailmakers')**

Stortz John & Son (Peggars & Bodkins, etc), 210 Vine, Phila., Pa.

**Tools (Saw)**

*See Specific Article Required*

**15775— Tools (Scraping)**

Buffum Tool Co. (Bearing), Louisiana, Mo.  
Osborne C. S. & Co., Harrison, N. J.  
**STRONG MACHINERY & SUPPLY CO.** Hollow & Flat Ground for Scraping Valves, Journals, Bearings, etc), 21 Walker, New York  
*See adv index at end of book*  
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.



**15776—Tools (Screw Machine)**

Brown & Sharpe Mfg. Co., Providence, R. I.  
Geometric Tool Co. ("Geometric," Screw Cutting), New Haven, Conn.  
Pratt & Whitney Co., Hartford, Conn.

**Tools (Ship Carpenters')**

See Adze Manufacturers; also Mallets; also Tools, Calking

**15777—Tools (Shoemakers')**

Harrington Cutlery Co., Southbridge, Mass.  
Harrington T. J., Southbridge, Mass.  
Horn Wm. H. & Bro. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.  
Hyde Mfg. Co., Southbridge, Mass.  
Richard Stephen Co., Southbridge, Mass.  
Snell & Atherton, Brockton, Mass.  
Standard Shoe Machinery Co., Lawrence, Mass.

**15778—Tools (Slaters' & Shingle)**

Ackerman & Johnson, Bangor, Pa.  
Belden Machine Co., New Haven, Conn.  
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.  
Isele A. W. & Son, 51 Pitt, Boston, Mass.  
**NIAGARA MACHINE & TOOL WORKS**, Buffalo, N. Y.  
*See adv index at end of book*  
Stortz Jno. & Son (Hammers, Rippers, Stakes, etc), 210 Vine, Phila., Pa.

**15779—Tools (Tanners' & Curriers')**

Baker G. W. Machine Co., 218 French, Wilmington, Del.  
Emrich Phil ("Emrich"), 824 Main, Cincinnati, O.  
Horn Wm. H. & Bros. ("Diamond," "Crown"), 451 N 3d, Phila., Pa.

**15780—Tools (Thread Cutting)**

See also Tools, Lathe & Planer

Armstrong Bros. Tool Co. ("Armstrong"), 339 N Francisco av, Chicago, Ill.  
**ARMSTRONG MFG. CO.** ("Armstrong" Pipe & Bolt), 278 Knowlton, Bridgeport, Conn. *See adv index at end of book*  
Conant & Donelson Co. ("Reliable" Screw Cutting), Conway, Mass.  
**GREENFIELD TAP & DIE CORP.** ("G. T. D." Taps, Dies, etc), Greenfield, Mass.  
*See adv index at end of book*  
Hart Mfg. Co. ("Duplex"), Cleveland, O.  
Landis Machine Co., Waynesboro, Pa.  
Milwaukee Metal Working Co., 383 Clinton, Milwaukee, Wis.  
Modern Tool Co. (Spring), 500 State, Erie, Pa.  
O. K. Tool Holder Co. ("O. K."), Shelton, Conn.  
Pratt & Whitney Co., Hartford, Conn.  
Ready Tool Co. ("Red-E"), Bridgeport, Conn.  
Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.  
Rogers John M. Works ("McCanna's" Patent), Gloucester City, N. J.  
Union Tool Co. ("Hill"), Orange, Mass.  
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
Walworth Mfg. Co., Boston, Mass.  
Western Tool & Mfg. Co. (Spring & Solid Holder), Springfield, O.

**Tools (Tinner's')**

See Tools, Plumbers' & Tinner's'

**15781—Tools (Toy)**

Mason & Parker Mfg. Co. (Small Garden Tools), Winchendon, Mass.  
Wilkins Toy Co. (Small Garden Tools), Keene, N. H.  
Wrightsville Hardware Co. (Penny Toys, Tools, etc), Wrightsville, Pa.

**Tools (Track)**

See Tools, Railroad Track

**15782—Tools (Turpentine)**

Bradley G. W. Axe & Tool Mfg. Co., Newburgh, N. Y.  
Evansville Tool Works, Evansville, Ind.  
Warren Axe & Tool Co., Warren, Pa.

**15783—Tools (Turret Lathe)**

Cleveland Twist Drill Co., 1 E 49th, Cleveland, O.

**15784—Tools (Underground Conduit Construction)**

Cope T. J. ("Cope's"), 1620 Chancellor, Phila., Pa.

**15785—Tools (Valve Removing)**

Buffum Tool Co. ("Swastika," "Peterson's"), South Side, Louisiana, Mo.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av Cleveland, O.  
Weeber C. F. Mfg. Co. ("Weeber," for Removing Valves from Gasoline Motors, also for Removing & Placing Tires on Side Ring on Autos), Albany, N. Y.

**15786—Tools (Valve Reseating)**

Abbott Hardware Co. ("Abbott"), 636 Columbus av, New York  
G. B. Garage & Mfg. Co. ("G. B."), Hempstead, N. Y.  
Noonan A. S. Tool & Machine Works, Rome, N. Y.  
Powell Wm. Co. ("Powell"), Cincinnati, O.  
Rub-On Mfg. Co. ("Crone"), 216 Niagara, Buffalo, N. Y.  
Skinner M. B. Co. ("Skinner"), 562 W Washington, Chicago, Ill.

**15787—Tools (Watchmakers' & Jewelers')**

American Watch Tool Co., Waltham, Mass.  
Bullock Mfg. Associates, Springfield, Mass.  
Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.  
Clegg J. Co., Attleboro, Mass.  
Coats Fred R., Springfield, Ill.  
Danzis G., 51 Ann, New York  
Derbyshire F. W. (Lathes, Chucks & Attachments), Waltham, Mass.  
Dixon Wm., 39 John, New York  
Gesswein F. W. Co., 16 John, New York  
Gesswein Paul H. & Co. (Jobbers), 35 Maiden la, New York  
Hardinge Bros., 4203 Ravenswood av, Chicago, Ill.  
Job Frederick, Wilkes-Barre, Pa.  
Kendrick-Davis Co., Lebanon, N. H.  
Koch Alfred S. & Sons, Lancaster, Pa.  
Langelier Mfg. Co., Arlington, Providence, R. I.  
McWilliams Thos., 237 Eddy, Providence, R. I.  
Mann Chas. A., 166 Doyle av, Providence, R. I.  
Morgan Edward Machine Co., 35 Vesey, Newark, N. J.  
Moseley Lathe Co., Elgin, Ill.  
Sloan & Chase Mfg. Co., 351 6th av, Newark, N. J.  
Standard Machinery Co., Providence, R. I.  
**STARRETT L. S. CO.**, Athol, Mass.  
*See adv index at end of book*  
Thurston Mfg. Co., 140 Benedict, Providence, R. I.  
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
Worthington & Raymond (Imp.), 47 John, New York

**Tools (Well Drilling)**

See Well Drilling Machinery

**15788—Tools (Wire Splicing)**

Smith Otis A. (For Splicing Wire Fence, Telephone Wire, etc), Rockfall, Conn.

**15789—Tools (Wood Carving)**

Braunsdorf-Mueller Co., Elizabeth, N. J.  
Buck Bros., Millbury, Mass.  
Cassell Fred, Grand Rapids, Mich.  
**FRASSE PETER A. & CO. (INC.)**, ("S. J. Addis"), 417 Canal, New York  
*See adv index at end of book*  
Mack & Co. ("D. R. Barton," "Addis" Style), Rochester, N. Y.  
Millers Falls Co., 28 Warren, New York  
Porter C. O. Mach'y Co., Grand Rapids, Mich.

**15790—Tools (Wood Turning)**

Buck Bros., Millbury, Mass.  
Carroll Jamieson Mach. Tool Co., Batavia, Ohio  
Oliver Machinery Co. (For Pattern Work), Grand Rapids, Mich.  
Oliver W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.  
Swan Jas. Co. (Parting), Seymour, Conn.

**Tools (Woodworkers')**

See Specific Article Required

**15791—Tools (Yarning)**

See also Tools, Calking

Atha Tool Co., Chapel, Newark, N. J.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
S. & I. Company ("Never-Break"), Springfield, Mass.  
Van Doren Mfg. Co. ("Vandor"), Chicago Heights, Ill.  
Vlcchek Tool Co. ("Vlcchek"), 10711 Quincy av, Cleveland, O.

**15791a—\*Tooth Brush Racks**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

**15791b—\*Tooth-Brush Shields & Guards**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

**15791c \*Tooth-Brush Stands**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York

**15792—Tooth Pick Mfrs.**

Berst Mfg. Co., Saginaw, Mich.  
Crunden-Martin Mfg. Co. ("Maple Leaf"), 2d & Gratiot, St. Louis, Mo.  
Cutter-Tower Co., 326 B'way, New York

Established 1847

**E. B. ESTES & SONS**

Manufacturers and Importers of

**TOOTH PICKS**

Clothespins, Meat & Candy Skewers

**358 5th Ave. New York City**

Forster Mfg. Co., Dixfield, Me.  
Gem Toothpick Co., Adrian, Mich.  
Peirce W. E. & Co., Milford, N. H.  
Perfection Mfg. Co., River Rouge, Mich.

**15792a—\*Top Material (Motor Car)****15792b—\*Top & Curtain Fabrics (Waterproof)**

**DU PONT FABRIKOID CO.** (Automobile, Carriage & Marine Craft), Wilmington, Del.

*For branch offices see adv index at end of book*

**15793—Tops (Automobile & Vehicle)**

American Auto Top Mfg. Co., 1451 Washington blvd, Chicago, Ill.  
American Top Co., Jackson, Mich.  
Amesbury Top Co., Amesbury, Mass.  
Anderson F. W. & Co., 1419 Montrose, Phila., Pa.  
Armstrong-Johnston Mfg. Co. (Auto Truck Tops), Columbus, O.  
Arnoff Jos. J., 120 Hamilton av., Trenton, N. J.  
Auto Top Mfg. Co., 425 Golden Gate av, San Francisco, Cal.  
Automobile Equipment Co., Detroit, Mich.  
Baltimore Buggy Top Co., 113 W Mount Royal av, Baltimore, Md.



Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, O.  
 Bayless Vehicle Top & Trimming Co., Kansas City, Mo.  
 Bohnet Jno. & Co., Lansing, Mich.  
 Boston Auto Top Co., 100 Massachusetts av., Boston, Mass.  
 Brunn & Co., 988 Ellicott, Buffalo, N. Y.  
 Buob & Scheu 216 Webster, Cincinnati, O.  
 California Auto Top Co., 347 Golden Gate av., San Francisco, Cal.  
 Chanslor & Lyon Co., Los Angeles, Cal.  
 Christie Alex., Seattle, Wash.  
 Cleveland Auto Top & Trimming Co., 2084 E 22d, Cleveland, O.  
 Cretors J. B., St. Paris, O.  
 Detroit Carriage Goods Co., Detroit, Mich.  
 Detroit Motor Car Supply Co., Detroit, Mich.  
 Dunham D. B. & Son, Newark, N. J.  
 Everitt Bros., 669 Mack av., Detroit, Mich.  
 Faeth Iron Co. (Vehicle Only), Kansas City, Mo.  
 Fisher Auto Top Co., Norwalk, O.  
 Gates Mfg. Co., Indianapolis, Ind.  
 Goshen Buggy Top Co., Goshen, Ind.  
 Hill Mfg. Co., 23 Fuller, Buffalo, N. Y.  
 Holcker-Elberg Mfg. Co., Kansas City, Mo.  
 Indianapolis Dash Co., 2116 S Meridian, Indianapolis, Ind.  
 Johnson & Johnson, 422 E Saratoga, Baltimore, Md.  
 Kimball C. P. & Co., 3900 S Michigan av., Chicago, Ill.  
 Kreidler Auto Top Co., Trenton, N. J.  
 Kroh C. Z. Mfg. Co., Toledo, O.  
 Lincoln Auto Top Co., Lincoln, Neb.  
 London Auto Supply Co., 2540 S Wabash av., Chicago, Ill.  
 Luth Carriage Co., 1911 W 8th, Cincinnati, O.  
 McClellan Chas. P., Fall River, Mass.  
 Marshalltown Buggy Co., Marshalltown, Ia.  
 Meyer C. G. & Son, Tiffin, O.  
 Michigan Steel Boat Co., Detroit, Mich.  
 Mobile Top Co., 62 Randolph, Detroit, Mich.  
 Newton W. H. & Son, Cortland, N. Y.  
 Omaha Carriage Top Co., Omaha, Neb.  
 Racine Auto Top Co., Racine, Wis.  
 Racine General Mfg. Co., Racine, Wis.  
 Rands Mfg. Co., Detroit, Mich.  
 Reardon J. J., Amesbury, Mass.  
 Rebecka & Smith, Cleveland, O.  
 Richards Albert J., 632 W Jefferson, Louisville, Ky.  
 Roth Jacob, Erie, Pa.  
 Shugers Mfg. Co., Los Angeles, Cal.  
 Sieg Co., Davenport, Ia.  
 Sioux City Auto Top Co., Sioux City, Ia.  
 Springfield Auto Top & Upholstering Co., Springfield, Mass.  
 Springfield Body Co., Springfield, Mass.  
 Standard Top & Equipment Co., 6014 Euclid, Cleveland, O.  
 Sterling Top & Equipment Co., 518 W 57th, New York  
 Teel E. & Co., Medford, Mass.  
 Troy Carriage Sun Shade Co., Troy, O.  
 Vehicle Top & Supply Co., 3414 Lindell av., St. Louis, Mo.  
 Wadman C. G., Bakersfield, Cal.  
 Warner Pole Top Co., 1648-50 Central av., Cincinnati, O.  
 Weiss Charles & Son, 4715 Cottage Grove av., Chicago, Ill.  
 West's L. M. Sons, Rockford, Ill.  
 Wisconsin Auto Top Co., Racine, Wis.

#### 15793a—\*Tops (Bird Cage)

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

#### 15794—Tops (Blast Furnace)

Brighton Fire Brick Co., New Brighton, Pa.  
 Welmer Machine Works Co., Lebanon, Pa.

#### 15795—Tops (Cistern)

Wagner Mfg. Co., Cedar Falls, Ia.

#### 15795a—\*Tops (Cork)

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

#### 15796—Tops (Furniture)

Alberene Stone Co. (Tops for Laboratory Tables), 223 E 23d, New York  
 Bartlesone & Co. (Glass), 1170 Broadway, New York  
 Donnelly-Kelly Glass Co., Holland, Mich.  
 Epstein Samuel (Inc), (Glass), 109 8th av., New York

Euclid Stone & Brick Co. (Tops for Laboratory Tables), Electric bldg, Cleveland, Ohio  
 Fair Haven Marble & Marbleized Slate Co. (Marble), Fair Haven, Vt.  
 Feinberg & Feinberg (Glass), 433 W 42d, New York  
 Klaber A. & Sons (Glass), Long Island City, N. Y.  
 Lafayette Mirror Co. (Glass), 173 Grand, New York  
 Nelson N. O. Marble Co., Edwardsville, Ill.  
 Rawle M. (Glass), 796 7th av., New York  
 Townsend Wm. C. & Co. (Marble), Zanesville, O.

#### 15797—Tops (Hot Air Furnace)

Steele Wilbur S. Co. ("Peerless"), Hartford, Conn.

#### 15798—Tops (Molasses Jug)

Ohio Lantern Co. (Tin & Nickel Plated), Tiffin, O.

#### 15799—Tops (Pilot House)

Porter Co., 241 Water, New York

#### 15800—Tops (Pole)

(For Arc Lamps & Electric Railway Poles)  
 Cutter Geo. Co. (Arc Lamp), South Bend, Ind.  
 Fletcher Mfg. Co., Dayton, O.  
 Line Material Co. (Arc Lamp), S Milwaukee, Wis.  
 Morris Iron & Steel Co. (Street Railway), Frederick, Md.

#### 15801—Tops (Spinning)

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*  
 Fischer Bros. & Corwin (Gyroscope), 238 South, Newark, N. J.  
 Stephenson Mfg. Co., South Bend, Ind.  
 Townsend C. C. & E. P. Co., (Points), New Brighton, Pa.

#### 15802—Tops (Tin, Screw)

Deverall Perfection Mfg. Co., Caton av., Brooklyn, N. Y.  
 Ohio Lantern Co. (Sugar Shaker, Salt & Pepper, etc, Nickel Plated), Tiffin, O.  
 Wheeling Stamping Co. (Also Aluminum, Brass, etc), Wheeling, W. Va.

#### 15803—Torches (Alcohol)

*See also Furnaces, Gasoline Blast*  
 Bernz Otto ("Always Reliable"), 21 Ashland av., Newark, N. J.  
 Clayton & Lambert Mfg. Co., 205 Piquette av., E Detroit, Mich.  
 Knapp Mfg. & Supply Co. (Self-Acting), 241 Water, New York  
 Osborne C. S. & Co., Harrison, N. J.

#### 15804—Torches (Brazing)

*See also Blow Pipes & Brazing Apparatus*  
 Clayton & Lambert Mfg. Co., 205 Piquette av., E Detroit, Mich.

#### 15805—Torches (Campaign)

Smith of N. Y. Co., 352 Pearl, New York

#### 15806—Torches (Car Inspectors')

GEM MFG. CO. ("Gem"), Goebel nr Fulton, N S, Pittsburgh, Pa.  
*See adv index at end of book*  
 Kraft A. C., 323 W Lake, Chicago, Ill.  
 Rochester Can. Co., Rochester, N. Y.  
*See adv index at end of book*

#### 15807—Torches (Cast Iron)

Forest City Foundry & Mfg. Co., 4202 Elm av., Cleveland, O.

#### 15807a—\*Torches (Cupola Lighting)

MAC LEOD CO., 2227 Bogen, Cincinnati, O. *See adv index at end of book*

#### 15808—Torches (Electric)

Bogart A. L. Co., 55 Barclay, New York

#### 15809—\*Torches (Engineers')

*See also Torches, Hand*

GEM MFG. CO. ("Gem" Brazed Steel), Goebel nr Fulton N S, Pittsburgh, Pa.  
*See adv index at end of book*

**TORCHES (ENGINEERS') "GEM"**

GEM  
GUARANTEE  
GOOD

**BRAZED STEEL**

**Gem Mfg. Co., Pittsburgh, Pa.**

#### 15810—Torches (Factory & Mine)

American Stamping & Mfg. Co., Park bldg, Pittsburgh, Pa.  
 American Stove Co. ("Reliable" Oil & Vapor), St. Louis, Mo., & Cleveland, Ohio  
 Forest City Foundry & Mfg. Co., 2202 Elm av., Cleveland, O.  
 GEM MFG. CO. ("Gem," "Pyramid" Heavy Brazed Steel), Goebel nr Fulton N S, Pittsburgh, Pa.  
*See adv index at end of book*

**TORCHES (Factory & Mine) "Gem"**

GEM  
GUARANTEE  
GOOD

**"Pyramid," Heavy Brazed Steel**

**Gem Mfg. Co., Pittsburgh, Pa.**

Hauck Mfg. Co., 140 Cedar, New York  
 Turner Brass Works, Sycamore, Ill.  
 Wall P. Mfg. Supply Co. (Brazed Steel), 705 Preble av N S, Pittsburgh, Pa.

#### 15811—Torches (Gas Lighting)

Houchin Thos. W. Co., 38 E 21st, New York

#### Torches (Gasoline, Etc.)

*See also Furnaces, Gasoline Blast*

#### 15812—Torches (Gasoline Blow)

*See also Furnaces, Gasoline Blast*  
 American Stove Co. ("Reliable," "Dangler," "Quick Meal," "Jewell"), St. Louis, Mo.  
 Ashton Mfg. Co. ("Red Hot"), 17 Nevada, Newark, N. J.  
 Baker J. R. & Sons Co., Kendallville, Ind.  
 Bernz Otto ("Always Reliable," "Vulcan" & "Galloway"), 21 Ashland av., Newark, N. J.  
 Best Light Co., Canton, O.  
 Boekel Wm. & Co., 518 Vine, Phila., Pa.  
 Bridgeport Brass Co. ("Vulcan," "Queen"), Bridgeport, Conn.  
 Clayton & Lambert Mfg. Co., 205 Piquette av., E Detroit, Mich.  
 Decker Mfg. Co. ("Phoenix"), 251 Elm, Newark, N. J.  
 Diener Geo. W. Mfg. Co. ("Torrid"), 400 Monticello av., Chicago, Ill.  
 Emmelman Bros. Mfg. Co. (Gasoline Soldering Iron & Blow Torch), Indianapolis, Ind.  
 Geforer C. & Son, 1017 Ridge, Phila., Pa.  
 Globe Gas Light Co. ("Barthel"), 25 Union, Boston, Mass.  
 Hauck Mfg. Co., 140 Cedar, New York  
 Hine-Watt Mfg. Co. ("Marion"), 180 N Market, Chicago, Ill.  
 Knapp Mfg. & Supply Co., 241 Water, New York  
 McGill Mfg. Co. ("McGill's Baby" Pumpless), 77 Oak, Valparaiso, Ind.  
*See adv index at end of book*  
 MacLeod Co. ("Buckeye"), 2227 Bogen, Cincinnati, O. *See adv index at end of book*



National Cement & Rubber Co., Toledo, O.  
 Peabody Henry W. & Co. ("American"),  
 17 State, New York  
 Quadriga Mfg. & Specialty Co. ("Wal-  
 ters"), 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
 Ridgeley Trimmer Co., Springfield, O.  
 Smith of N. Y. Co. (Plumbers'), 352 Pearl,  
 New York  
 Sun Vapor & Gas Street Light Co., Can-  
 ton, O.  
 Turner Brass Works ("Hot Blast," "Bull  
 Dog," "Franklin," "Kinzie," "Jewell,"  
 "Mogul," "Old Reliable," "Champion,"  
 "Double Jet"), Sycamore, Ill.

### 15813—Torches (Hand)

Ashton Mfg. Co., 184 Emmet, Newark,  
 N. J.  
 Dayton Malleable Iron Co. (Made Entire-  
 ly of Malleable Iron), Dayton, O.  
 Deverall Perfection Mfg. Co., Caton av,  
 Brooklyn, N. Y.  
 Dressel Railway Lamp Works (Engineers'  
 Track, Wipers', Boilermakers', Car  
 Inspectors, etc), 3860 Park av, New  
 York  
 Eagle Glass & Mfg. Co. (Locomotive, etc),  
 Wellsburg, W. Va.  
 Forest City F'dry & Mfg. Co., 2202 Elm  
 av, Cleveland, O.  
**GEM MFG. CO.** ("Gem," Heavy Brazed  
 Steel), Goebel, nr Fulton, N S, Pitts-  
 burgh, Pa. *See adv index at end of book*  
 Gray Peter & Sons, 286 Third East, Cam-  
 bridge, Mass.  
 Hammer & Co. (Malleable Iron), Bran-  
 ford, Conn.  
 Hauck Mfg. Co., 140 Cedar, New York  
 Johnson Mfg. Co. (Locomotive, etc), Ur-  
 bana, O.  
 Knapp Mfg. & Supply Co. (Locomotive,  
 etc), 241 Water, New York  
 Kraft A. C. (Locomotive, Railroad, etc),  
 323 W Lake, Chicago, Ill.  
 Noera Mfg. Co. (Inspectors' & Locomo-  
 tive), Waterbury, Conn.  
 Rochester Can Co., Rochester, N. Y.  
*See adv index at end of book*  
 Wall P. Mfg. Supply Co. (Brazed Steel,  
 Pyramid Chain, Top Burner & Fac-  
 tory), 705 Preble av, Pittsburgh, Pa.  
 Walters Mfg. Co. ("M. & I." Sheet &  
 Brazed Steel), Fulton bldg, Pitts-  
 burgh, Pa.

### 15814—Torches (Kerosene Blow)

Ashton Mfg. Co., 184 Emmet, Newark,  
 N. J.  
 Barnes Tool Co., New Haven, Conn.  
 Bernz Otto ("Always Reliable"), 27 Ash-  
 land, Newark, N. J.  
 Clayton & Lambert Mfr. Co., 205 Piquette  
 av E, Detroit, Mich.  
 Globe Gas Light Co. ("Barthel"), 25  
 Union, Boston, Mass.  
 Gyro Metal Works, 114 Scott, Norfolk, Va.  
 Hauck Mfg. Co., 140 Cedar, New York  
 MacLeod Co., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book*  
 Turner Brass Works ("Hot Blast"), Syc-  
 amore, Ill.  
 Walters Mfg. Co., Fulton bldg, Pittsburgh,  
 Pa.

### 15814a—\*Torches (Lead Burner)

MacLeod Co., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book*

### 15815—\*Torches (Locomotive)

See also Torches, Hand

**GEM MFG. CO.** ("Gem," Heavy Brazed  
 Steel), Goebel, nr Fulton, N S, Pitts-  
 burgh, Pa. *See adv index at end of book*

### 15816—Torches (Malleable Iron)

Dayton Malleable Iron Co., Dayton, O.  
 Hammer & Co., Branford, Conn.  
 Huebel Mfg. Co., 103 Monroe, Newark,  
 N. J.

### Torches (Plumbers')

See Torches, Various Kinds

### Torches (Shop)

See Torches, Hand

### 15817—Torches (Wall)

Ashton Mfg. Co. ("Red Hot" Gasoline),  
 17 Nevada, Newark, N. J.  
 Clayton & Lambert Mfg. Co. (Or Banjo,  
 Gasoline, Illuminating), 205 Piquette  
 av, E, Detroit, Mich.  
 Detroit Foundry Co. ("Sun"), Detroit,  
 Mich.

### 15818—Torpedoes

Backes M. Sons, Wallingford, Conn.  
 Clarendon Torpedo Co., Titusville, Pa.  
 Halls Ellis Sons Co., Knox, Pa.  
 Hunt Edmund S. & Sons Co., Weymouth,  
 Mass.  
 Kohler Die & Specialty Co., De Kalb, Ill.  
 Kuhn J. R. Torpedo Co., Parkersburg, W.  
 Va.  
 Marietta Torpedo Co. (Nitro-Glycerine,  
 for Shooting Oil, Gas & Water Wells),  
 Marietta, O.  
 Ohio Torpedo Co. (Nitro-Glycerine, For  
 Shooting Oil Wells, etc), Steubens-  
 ville, O.  
 Producers Torpedo Co., Marietta, O.  
 Southern Torpedo Co., Parkersburg, W.  
 Va.

### 15819—Torpedoes (Aerial)

Maxim Munitions Corp., Equitable bldg,  
 New York

### Torpedoes (Oil & Gas Well)

See Torpedoes

### 15820—Torpedoes (Toy)

Backes M. Sons, Wallingford, Conn.  
 Hunt Edmund S. & Sons Co., Weymouth,  
 Mass.  
 Kohler Die & Specialty Co., De Kalb, Ill.

### 15821—Torpedoes & Fuses (Rail- way Signal)

Central Railway Signal Co. ("Danger,"  
 Torpedoes & Fuses), First National  
 Bank bldg, Pittsburgh, Pa.  
 Jackson's Sam'l Sons, 1129 S 15th, Phila.,  
 Pa.  
 Sherburne & Co., 53 Oliver, Boston, Mass.  
 Townsend C. C. & E. P. Co. (Points),  
 New Brighton, Pa.

### 15822—Tow

Blehdon V. R. (Upholstery, Cordage &  
 Twine), Brisbane bldg, Buffalo, N. Y.  
 Boston Excelsior Co., 30th & North River,  
 New York  
 Gay David S. (Rough & Dressed), Win-  
 chester, Ky.  
 Keogh John W. & Co., 1807 S Clark, Chi-  
 cago, Ill.  
 Livingston Jas. Flax Co. (Ltd.) (Flax),  
 Yale, Mich.  
 Minnesota Fibre Co. (Flax), Heron Lake,  
 Minn.  
 Robbins & Jans (Flax), Winthrop, Minn.  
 Spears E. F. & Sons (Rough, Dressed &  
 Carded), Paris, Ky.  
 Union Fibre Co. (Upholstery & Spinning),  
 Winona, Minn.  
 Western Linen Co., Duluth, Minn.

### 15822a—\*Tow Lines (Automobile)

**WRIGHT WIRE CO.** ("Excelsior"), Wor-  
 cester, Mass. *See adv index at end of book*

### 15823—Towel Bars & Shelves (Plate Glass)

Anderson Geo. H. & Co., 1467 W Austin  
 av, Chicago, Ill.

Eustes J. P. & Co. ("Brasscrafters"), Cam-  
 bridge, Mass.  
 Graham & Berwin, 107 Lafayette, New  
 York

### 15824—Towels (Cotton)

Avon Mills Co., Lewiston, Me.  
 Barker Cotton Mills (Toweling), Mobile,  
 Ala.  
 Cannon Mfg. Co., Concord, N. C.  
 Cash J. & J. (Ltd.) (Bath), So. Norwalk,  
 Conn.  
 Cedar Grove Mfg. Co. (Sponge Cloth), 65th  
 av & 21st, Phila., Pa.  
 Chautauqua Towel Mills, Jamestown, N. Y.  
 Cochran Cotton Mills Co. (Also Toweling),  
 Cochran, Ga.  
 Franklin Mills Corp. (Plain Hem & Hem-  
 stitched), Unionville, Mass.  
 Gambrill & Melville Mills Co., Havre de  
 Grace, Md.  
 Globe Mfg. Co. (Toweling), Gaffney, S. C.  
 Greenalgh Brothers (Roller Toweling),  
 2218 Martha, Phila., Pa.  
 Irene Mills (Jacquard), Gaffney, S. C.  
 Kincaid Mfg. Co., Griffin, Ga.  
 Lestershire Towel Mills (Also Toweling),  
 Lestershire, N. Y.  
 Lockport Textile Co., Lockport, N. Y.  
 Lowell Textile Co., No. Chelmsford, Mass.  
 McArthur Geo. & Son (Crash), Baraboo,  
 Wis.  
 Muscogee Mfg. Co., Columbus, Ga.  
 Pepperton Cotton Mills (Also Toweling),  
 Jackson, Ga.  
 Piedmont Cotton Mills Co., Egan, Ga.  
 Roanoke Mills Co., Roanoke Rapids, N. C.  
 Sharp Linen Mills, Binghamton, N. Y.  
 Spencer Mountain Mills (Bleached Dam-  
 ask), Lowell, N. C.  
 Stark Mills (Toweling), Manchester, N. H.  
 Ufford Frank M. (Bath Towels & Towel-  
 ing), Norwich, Conn.  
 Union Cotton Mills, Lafayette, Ga.  
 Woodstock Cotton Mills, Anniston, Ala.

### 15825—Towels (Crash)

Dundee Mills (Linen), Hookset, N. H.  
 Franklin Mills Corp., Unionville, Mass.  
 Globe Mfg. Co. (Toweling), Gaffney, S. C.  
 Kincaid Mfg. Co., Griffin, Ga.  
 Lockport Textile Co. (Linen & Cotton),  
 Lockport, N. Y.  
 Lowell Textile Co., No. Chelmsford, Mass.  
 McArthur Geo. & Son (Cotton & Linen),  
 Baraboo, Wis.  
 Meredith Linen Mills (Linen Crash Towel-  
 ing), Meredith, N. H.  
 National Crash Co. (Linen Crash Towel-  
 ing), Millbury, Mass.

### 15826—Towels (Huck)

Chautauqua Towel Mills (Cotton), James-  
 town, N. Y.  
 Lowell Textile Co. (Union), No. Chelms-  
 ford, Mass.  
 Niagara Textile Co. (Also Toweling),  
 Lockport, N. Y.

### 15827—Towels (Knitted)

**San-Knit-ary Textile Mills**, 10th & Dia-  
 mond, Philadelphia, Pa.

### 15828—Towels (Linen)

Avon Mills Co., Lewiston, Me.  
 Cannon Mfg. Co., Concord, N. C.  
 Dundee Mills, Hookset, N. H.  
 Franklin Mills Corp. (Plain Hem & Hem-  
 stitched), Unionville, Mass.  
 Granite Linen Co., Wortendyke, N. J.  
 Lockport Textile Co., Lockport, N. Y.  
 Lowell Textile Co., No. Chelmsford, Mass.  
 McArthur Geo. & Son (Crash), Baraboo,  
 Wis.  
 Meredith Linen Mills (Linen Crash Towel-  
 ing), 79 Milk, Boston, Mass.  
 National Crash Co. (Crash Toweling), Mill-  
 bury, Mass.  
 Sharp Linen Mills, Binghamton, N. Y.  
 Stevens Linen Works (Linen Crash Towel-  
 ing), Webster, Mass.  
 Western Linen Co., Duluth, Minn.

### 15828a—\*Towels (Machinery)

**OIL & WASTE SAVING MACHINE CO.**  
 Real Estate Trust Bldg, Philadelphia,  
 Pa.

**TORCHES (Locomotive) "GEM"**



Heavy Brazed Steel

**GEM MFG. CO., Pittsburgh, Pa.**



**15829— Towels (Paper)**

A. P. W. Paper Co., Albany, N. Y.  
Burnitol Mfg. Co. Orient av, Boston, Mass.  
Clifton Chemical Co., 317 Greenwich, New York  
Continental Paper Bag Co., 17 Battery pl, New York

Erving Paper Mills, Erving, Mass.  
Hollingsworth & Vose Co. ("Norfolk"), 141 Milk, Boston, Mass.  
Paper Mills Specialty Co. (Crepe), 222 W Kinzie, Chicago, Ill.

Paper Service Co., Hinsdale, N. H.  
Peerless Mfg. Co., Norristown, Pa.  
Progressive Paper Products Co., 238 4th av, Pittsburgh, Pa.  
Scott Paper Co., 7th & Glenwood av, Phila., Pa.

Tuttle Press Co. ("Dr. Whedon's" Sanitary), Appleton, Wis.

**UNION PAPER & TWINE CO.**, ("Drquick"), 125 St. Clair av, N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y. *See adv index at end of book*

United States Paper Mills, Chambersburg, Pa.

Vestal Liquid Soap & Disinfectant Co. (Public Service) 1121 Pine, St. Louis, Mo.

Wayne Paper Goods Co. ("Sani-Paper"), Ft. Wayne, Ind.

**15830— Towels (Turkish)**

Blair Mills, Belton, S. C.  
Chataqua Towel Mills, Jamestown, N. Y.  
Colonial Towel Mfg. Co., Clifton Heights, Pa.

Falconer Towel Mills, Falconer, N. Y.  
Foster Louis H., D & Tioga, Philadelphia, Pa.

Great Barrington Mfg. Co., Great Barrington, Mass.  
Greenhagh Brothers, 2218 Martha, Phila., Pa.

Holt Mfg. Co., Paterson, N. J.  
Jamieson's D. Sons, Trenton & Sargent, Phila., Pa.

Kershaw John W. Co., 23rd & Hamilton, Phila., Pa.

Kershaw Nelson, Clifton Heights, Pa.  
Lafayette Mills Co., Howard & Lehigh av, Phila., Pa.

McArthur Geo. & Son, Baraboo, Wis.  
Margerison W. H. & A. E. & Co., Jasper & Huntington, Philadelphia, Pa.

Neuberger Fred'k & Co., Paterson, N. J.  
Rajah Mfg. Co., Jasper & Huntington, Phila., Pa.

Standard Towel Co., Newton, N. J.  
Star & Crescent Co., Lehigh av & Hancock, Phila., Pa.

Ward-Meehan Co., Lehigh av & Howard, Phila., Pa.

Welch A. P. Co., Glen Riddle, Pa.  
Woodstock Cotton Mills (Bath), Anniston, Ala.

**15831— Towels (Union)**

Chataqua Towel Mills, Jamestown, N. Y.  
Franklin Mills Corp., Unionville, Mass.  
Lowell Textile Co., N Chelmsford, Mass.

**Towels (Wiper)**

See Wiper Towels

**Towers (Bell & Observation)**

See Tanks & Towers, Steel

**15832—Towers (Cement Cooling)**

United Iron Works Co., Springfield, Mo.

**15833—\*Towers (Concrete Distributing)**

**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*

**15834—Towers (Hoisting, for Coal & Ore)**

See also Coal & Ore Handling Machinery  
**HAYWOOD CO., THE** (Incline, Steeple & Traveling), 50 Church, New York  
*See adv index at end of book*

Hunt C. W. Co., West New Brighton, N. Y.  
*See adv index at end of book*

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*

Mead-Morrison Mfg. Co., c Prescott & Orleans, East Boston, Mass.

Milholland J. & J. B. Co., 714 5th av, Pittsburgh, Pa.

**ROBINS CONVEYING BELT CO.**, 13 Park Row, New York  
*See adv index at end of book*

**15835—Towers (Hoisting, for Concrete)**

Archer Iron Works, 2436 W 34th pl, Chicago, Ill.

**LAKEWOOD ENGINEERING CO.** (Steel), Cleveland, O.  
*See adv index at end of book*

Ransome Concrete Machinery Co. (Steel), Dunellen, N. J.

**15835a— Towers (Steel)**

See also Tanks & Towers, Steel

**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*

Schlichter E. F. C., 10 S 18th, Phila., Pa.

**15836—\*Towers (Steel, Concrete Distributing)**

**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*

**Towers (Transmission)**

See Transmission Towers & Structures, Electric

**15837—Towers (Water Cooling)**

**ALBERGER PUMP & CONDENSER CO.**, 140 Cedar, New York

Baragwanath Wm. & Son, 1260 W Division, Chicago, Ill.

Bouchard Jno. & Sons Co., Nashville, Tenn.

Burhorn Edwin Co. ("Burhorn"), 71 Wall, New York

Cooling Tower Co., 17 John, New York

Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*

Hart B. F. Jr. & Co., 50 Church, New York

International Steam Engineering Co. ("Jennison"), Atlanta, Ga.

Kennicott Co., Chicago Heights, Ill.

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.

Mitchell-Tappen Co., 17 John, New York

Munroe R. & Sons Mfg. Corp., 23rd & Smallman, Pittsburgh, Pa.

Parker Machine & Fan Works, Kansas City, Kansas

Ruemmel-Dawley Mfg. Co. ("Gradirs"), 3900 Chouteau av, St. Louis, Mo.

**TREADWELL CONSTRUCTION CO.**, Midland, Pa. *See adv index at end of book*

United Iron Works Co. (For Ice Plants), Springfield, Mo.

Walsh & Weidner Boiler Co., Chattanooga, Tenn.

Wheeler C. H. Mfg. Co. ("Wheeler-Pratt"), Lehigh & N 18th, Phila., Pa.

**WHEELER CONDENSER & ENGINEERING CO.** ("Wheeler - Barnard," "Wheeler-Balcke"), Carteret, N. J.

*See adv index at end of book*

Worthington Pump & Machy. Corp., 115 B'way, New York

**Towers (Windmill)**

See Tank & Towers, Steel

**Towers (Wireless)**

See Transmission Towers & Structures, Electric

**Toy Banks**

See Banks, Saving

**15838—Toy Metal Building Materials**

Gilbert A. C. Co. ("Erector"), New Haven, Conn.

Meccano Co., 46 W 24th, New York

Structo Mfg. Co. ("Structo" for Toys, Models, etc), Freeport, Ill.

Watrous Mfg. Co. ("Modelit") East Hampton, Conn.

**15839— Toys (Electric)**

See also Motors, Battery

Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.

Howard Miniature Lamp Co., 338 Main, E Orange, N. J.

Kendrick-Davis Co., Lebanon, N. H.

Knapp Electric & Novelty Co. ("Electric Questioner"), 511 W 51st, New York

Lionel Mfg. Co., 48 E 21st, New York

Ohio Electric Works, Cleveland, O.

Rhode Island Telephone & Electric Co. ("Baby Dynamo"), 55 Pine, Providence, R. I.

Russell Electric Co. ("Memiphone"), Danbury, Conn.

Universal Novelty Wks. (Magic Lanterns), 147 W 23d, New York

Voltamp Electric Mfg. Co., 407 N Paca, Baltimore, Md.

**15840—Toys, Games & Novelties**

Alexander-Kramer Co. (Educational Toys), Dayton, O.

Allaire Woodworkers (Inc.), Allaire, N. J.

Amer Doll Mfg. Co., 61 Wooster, New York

American Flyer Mfg. Co. ("Motorcycle Mike" & "Slippery Slim"), 2219 S Halsted, Chicago, Ill.

American Mfg. Concern (Blocks, Tool Chests & Benches), Falconer, N. Y.

American Mechanical Toy Co., Dayton, O.

American Soldier Co., Myrtle & De Boo pi, Glendale, N. Y.

American Toy Works (Paper), 7 Chatham sq, New York

Arcade Mfg. Co., Freeport, Ill.

Archery Co., Glens Falls, N. Y.

Atkins & Co., 7 S Mole, Phila., Pa.

Austen J. I. Co., 1323 Michigan av, Chicago, Ill.

Baumgarten & Co., (Printing Sets), 213 E. Fayette, Baltimore, Md.

Benner Mfg. Co., Lancaster, Pa.

Bennett Mfg. Co., Plymouth, Mich.

Bennett Mfg. Co. (Wooden), Portland, Me.

Bevin Bros. Mfg. Co., Easthampton, Conn.

Bing Bros., 381 4th av, New York

Bleazby Bros., 337 Woodward av, Detroit, Mich.

Bloch Go-Cart Co., 1136 North American bldg, Phila., Pa.

Eogert & Hopper ("Peerless" Checkers, Pencil Cases, Wooden), 67 Barclay, New York

Borgfeldt Geo. & Co., 16th & Irving pl, New York

Bowman Geo. H. Co. ("Jumbo Wheel"), Cleveland, O.

Bradley Milton Co., Springfield, Mass.

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 Burr-Vack Co. (Base Ball Games), 511 S Wabash av, Chicago, Ill.  
 Butler Doll Stand Co. (Doll Stands), Oak Park, Ill.  
 California Notion & Toy Co., 555 Market, San Francisco, Cal.  
 Carriage & Toy Co., 741 W Lombard, Baltimore, Md.  
 Carrom Co., Ludington, Mich.  
 Cass N. D. Co., Athol, Mass.  
 Central Wheel & Mfg. Co., Sturgis, Mich.  
 Chicago Game Co., 431 S Dearborn, Chicago, Ill.  
 Cincinnati Time Recorder Co. (Toy Printing Presses), 1733 Central av, Cincinnati, O.  
 Converse M. E. & Son, Winchendon, Mass.  
 Craw Wm. Mfg. Co., South Norwalk, Conn.  
 Dorr Wallie Co., 35 Murray, New York  
 du Pont E. I. de Nemours & Co. (The Arlington Wks.) (Toys & Pyroline Novelties), 725-27 B'way, New York  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Elektra Toy & Novelty Co., (Dolls) 4th & Lafayette, New York  
 Elitsac Mfg. Co., Castile, N. Y.  
 Ellsworth Hardwood Co. (Wood), Ellsworth, Me.  
 Elm City Mfg. Co., New Haven, Conn.  
 Embossing Co., Albany, N. Y.  
**ESTES E. B. & SONS** (Wooden), 358 5th av, New York  
*See adv index at end of book*  
 Evans H. C. & Co. (Race Tracks), 75 W Van Buren, Chicago, Ill.  
 Frary Mfg. Co. (Wooden), Charlemont, Mass.  
 Fuld Wm., 1228 N Central av, Baltimore, Md.  
 Gable House & Carton Co. (Automobiles) Metropolitan bldg, New York  
 Garton Toy Co., Sheboygan, Wis.  
 Gilbert A. C. Co., New Haven, Conn.  
 Gong Bell Mfg. Co., Easthampton, Conn.  
 Grammes L. F. & Sons (Metal Parts for Toys), Allentown, Pa.  
 Granite State Mfg. Co., Concord, N. H.  
 Gropper M. & Sons, 36 Union sq, New York  
 Hammond J. T. & Son, 4534 Hedge, Philadelphia, Pa.  
 Hampden Toy Co., Westfield, Mass.  
 Hawes J. Mfg. Co., Towanda, Pa.  
 Hill N. N. Brass Co., Easthampton, Conn.  
 Home Golf Game Co., 209 S State, Chicago, Ill.  
 Horsman E. I. Co., 11 Union sq, New York  
 Humpton-Scott Co., Columbus, O.  
 Ingersoll Robt. H. & Bro., 315 4th av, New York  
 Interstate Electric Novelty Co. (Electric Novelties, Flashlights), 29 Park pl, New York  
 Kirby Mfg. Co., Middletown, Conn.  
 Kirk-Latty Mfg. Co. (Wheelbarrows, etc), Cleveland, O.  
 Knapp Electric & Novelty Co., 511 W 51st, New York  
 Lionel Mfg. Co., 48 E 21st, New York  
 McLoughlin Bros., 890 B'way, New York  
 Mansfield Novelty Co., Mansfield, Pa.  
 Marks Mfg. Co., 101 Albany, Boston, Mass.  
 Marks & Knoring Co. (Dolls), 40 Winchester, Boston, Mass.  
 Mason & Parker Mfg. Co. (Garden Tools), Winchendon, Mass.  
 Meinecke Mfg. Co. (Wooden Hobby Horses), Richards, Milwaukee, Wis.  
 Metal Toy Soldier Co. (Tin Soldiers), 156 Chestnut av, Jersey City, N. J.  
 Michigan Game Board Mfg. Co., Flint, Mich.  
 Modern Toy Co. (Dolls), 181 Belmont av, Brooklyn, N. Y.  
 National Advertising Co. (Wooden), Seneca Falls, N. Y.  
 National French Fancy Novelty Co. (Stuffed Toys), 276 Hinsdale, Brooklyn, N. Y.  
 National Toy Co. (Talking Machine) 277 Congress, Boston, Mass.  
 New Chicago Specialty Co. (Decorated Burnt Wood Doll Furniture, etc), New Chicago, Ind.  
 New England Lock & Hinge Co. (Toy Hardware), Winchendon, Mass.  
 Nicol & Co., 218 N Jefferson, Chicago, Ill.

Noble & Cooley Co. (Drums, etc), Greenville, Mass.  
 Olympia Games Co., 126 S Clinton, Chicago, Ill.  
 Original Mfg. Co. (Bob Skates, etc.), Greenville, Mich.  
 Papier Mache Works of America (Paper Mache), 115 Spring, New York.  
 Parker Bros. (Toys & Games, etc.), Salem, Mass.  
 Parlor Golf Co., Hoboken, N. J.  
 Penn Toy Co. (Periscopes) 5125 Coral, Pittsburgh, Pa.  
 Philadelphia Game Co., 337 N 3d, Phila., Pa.  
 Phillips & Butterff Mfg. Co. (Stoves), Nashville, Tenn.  
 Potter Mfg. Co. (Garden Tools), Geneva, Ohio  
 Quaddy Playthings Mfg. Co. (Toys, Dolls & Games), Kansas City, Mo.  
 Richmond Bros. Co. ("Newello" Magic Slates) 177 Chestnut, Newark, N. J.  
 Richmond Cedar Works, Fulton, Richmond, Va.  
 Rockwell Jno. L., Monroeton, Pa.  
 Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.  
 Runnels E. A. & Co., 116 Pearl, Boston, Mass.  
 Schlesinger Leo & Co., 66 Wooster, New York  
 Schoenhut A. Co. (Pianos, Guns, Sail Boats, Shooting Galleries, Soldier Equipments, Circus Toys, etc.), Adams & Sepviva, Phila., Pa.  
 Selchow & Righter Co., 620 B'way, New York  
 Shanafelt Mfg. Co. (Mechanical), Canton, Ohio  
 South Bend Toy Mfg. Co. (Game Boards, Croquet, Doll Cabs, Go-Carts, Wagons & Furniture), South Bend, Ind.  
 Stearns E. C. & Co. (Rollomobile & Rida-mobile), Syracuse, N. Y.  
 Steele Table Co. (Wooden Toys), Port Norfolk, Portsmouth, Va.  
 Steinfeld Bros. (Wagons, Swinging Horses, Carriages, Furniture, Hand Cars, etc), 116 W 32d, New York  
 Stratton Mfg. Co. (Wooden), Stratton, Me.  
 Strobel & Wilken Co. (Imp.), 61 W 23d, New York  
 Structo Mfg. Co. (Educational Toys), Freeport, Ill.  
 Thomas-Peter Co. ("National" Indoor Baseball Game), Canton, O.  
 Toledo Carriage Woodwork Co., Toledo, O.  
 Toledo Metal Wheel Co. (Automobiles, Carriages & Tricycles), Toledo, O.  
 Towie F. S. Co. (Mechanical Tin Toys), 332 B'way, New York  
 Toy Tinkers, Evanston, Ill.  
 Travers G. W. & Co., 146 Chambers, New York  
 Trion Toy Co. (Dolls), B'way & Bedford av, Brooklyn, N. Y.  
 Whitney Reed Corp., Leominster, Mass.  
 Wilder Mfg. Co. (Toy Furniture), 17th & Clinton, St. Louis, Mo.  
 Wilkins Toy Co. (Garden Tools), Keene, N. H.  
 Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

### 15841—Toys (Iron & Steel)

Arcade Mfg. Co., Freeport, Ill.  
 Central Stamping Co. (Tin, etc), 174 Fulton, New York  
 Dent Hardware Co., Fullerton, Pa.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Electric Tip Co. (Vacuum Tipped Guns & Pistols), 370 Atlantic av, Boston, Mass.  
 Grey Iron Casting Co. (Iron Trains, Banks, Ranges, Tools, Sad Irons, etc), Mt. Joy, Pa.  
 Hubley Mfg. Co. ("Lancaster"), Lancaster, Pa.  
 Ingersoll Robt. H. & Bro., 315 4th av, New York  
 Ives Mfg. Corp. (Cars, Locomotives, Houses, Fire Engines, etc), Bridgeport, Conn.  
 Kenton Hardware Co. (Banks, Ranges, Fire Depts. & Wheel Toys, Cap Pistols & Blank Cartridges, Pistols, etc), Kenton, O.  
 Kilgore Mfg. Co. (Machine Guns), Homestead, Pa.  
 Lodge Mfg. Co., S Pittsburgh, Tenn.  
 Moyer-Shaw Mfg. Co., Detroit, Mich.  
 Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.  
 Stevens J. & E. Co. (Iron), Cromwell, Conn.

Weeden Mfg. Corp. (Steam & Electric), New Bedford, Mass.  
 Williams A. C. Co. (Iron Only), Ravenna, Ohio  
 Wrightsville Hdw. Co. (Hammers, Hatchets, Shovels, etc), Wrightsville, Pa.

### 15842—Toys (Mechanical)

See also Toys, Electric; Toys, Games & Novelties; Locomotives & Railways, Miniature  
**Animate Toy Co.**, (Bug Sets, Games, etc), 31 E 17th, New York  
 Bing Bros., 381 4th av, New York  
 Carrollton Novelty Co., Carrollton, O.  
 Converse M. E. & Son, Winchendon, Mass.  
 Dayton Friction Toy Works, Dayton, O.  
 Gibbs Mfg. Co., Canton, O.  
 Gilbert A. C. Co., New Haven, Conn.  
 Gund Mfg. Co., 440 W 42d, New York  
 Ives Mfg. Co., Bridgeport, Conn.  
 Mechanical Novelty & Mfg. Co., St. Louis, Mo.  
 Schiele Toy & Novelty Co., Dayton, O.  
 Shanafelt Mfg. Co., Canton, O.  
 Wilkins Toy Co., Keene, N. H.  
 Wolverine Supply & Mfg. Co., Page & Fontella, Pittsburgh, Pa.

### 15843—Toys (Rubber)

Faultless Rubber Co. (Balloons, Balls, etc), Ashland, O.  
 Goodrich B. F. Co., Akron, O.  
 Gregory Rubber Co., 144 N Union, Akron, Ohio.  
 Miller Rubber Co., S High, Akron, O.  
**NEW YORK RUBBER CO.**, 225 W Randolph, Chicago, Ill., Reade & Church, New York  
 Western Reserve Rubber Co., South Akron, Ohio

### 15844—Tracing Cloth Pounce

Keuffel & Esser, Hoboken, N. J.

### 15845—Tracing Cloth & Paper

Cardinelli-Vincent Co. (Vellum Tracing Paper, 579 Market, San Francisco, Cal.  
 Defiance Mfg. Co., 22 E 41st, New York  
 Elliott B. K. Co., 126 6th, Pittsburgh, Pa.  
 Hardtmuth L. & Co. ("Koh-I-Noor"), 34 E 23d, New York  
 Indianapolis Blue Print & Supply Co. (Importers), Century bldg, Indianapolis, Ind.  
 Keuffel & Esser (Paper), Hoboken, N. J.  
 National Tracing Cloth Co. (Cloth), Saylesville, R. I.  
 Palmer Co., 157 Westminster, Providence, R. I.  
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.  
 St. George Henry V., 8 Grand, New York

### 15846—Track Movers (Railway)

Mann-McCann Co. ("Greese"), 305 S La Salle, Chicago, Ill.

### 15847—\*Track (Railway, Industrial & Portable)

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*

### Track Sanders

See Locomotive Sanders

### Track Sprinklers

See Cars, Sprinkling, Street Railway

### 15847a—\*Track & Switches (Portable & Permanent)

Wharton Wm. Jr. & Co. Inc., Easton, Pa.

### 15848—\*Trackage (Monorail) I Beam

Shepard Electric Crane & Hoist Co., Montour Falls, N. Y.  
*See adv index at end of book*

### 15849—Tracking (Slaughter House)

Allbright-Nell Co., 5223 Western blvd, Chicago, Ill.  
 Brecht Co. (Overhead), 1201 Cass av, St. Louis, Mo.



**15850—Tracks (Cast Iron Plate)**

**EASTON CAR & CONSTRUCTION CO.**,  
4th st, Easton, Pa.  
Hunt C. W. Co., West New Brighton, N. Y.  
*See adv index at end of book*

**15851—Tracks (Door Hanger)**

McKinney Mfg. Co. (For Barn Doors), N  
S. Pittsburgh, Pa.  
**MYERS F. E. & BRO.** ("Myers O. K.",  
"Myers Giant" Tubular, "New Way",  
& Tubular Girder Hercules Storm  
Proof "Faultless"), 800 Orange, Ash-  
land, O. *See adv index at end of book*  
Porter J. E. Co. (For Barn Doors), Otta-  
wa, Ill.  
Sharon Hardware Mfg. Co., Sharon, Pa.

**15852—Tracks (Hay Carrier)**

Hunt, Helm, Ferris & Co. ("Star" Steel &  
Wood), Harvard, Ill.  
**MYERS F. E. & BRO.** (Double Rail &  
Single Rail), 800 Orange, Ashland, O.  
*See adv index at end of book*  
Ney V. L. Co., Canton, O.  
Strickler Hay Tool Co. ("Strickler" Steel),  
Janesville, Wis.

**Tracks (Portable)**

*See Railways, Industrial & Portable*

**Tractors**

*See Engines, Traction*

**15852a—\*Tractors (Kerosene)**

**INTERNATIONAL HARVESTER COM-  
PANY OF AMERICA (INC.)**, (Mogul-  
Titan) 702 Harvester bldg, Chicago  
*See adv index at end of book*

**15853—\*Tractors (Oil)**

**INTERNATIONAL HARVESTER COM-  
PANY OF AMERICA (INC.)**, (Mogul-  
Titan), 702 Harvester building, Chi-  
cago *See adv index at end of book*

**15853a—\*Tractors (Storage Bat-  
tery)**

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

**15854—Tragacanth Importers**

Anderson P. E. & Co., 99 John, New York  
Bird J. A. & W. & Co. (Imp.), 88 Pearl,  
Boston, Mass.  
Bredt F. & Co., 240 Water, New York  
Jacob Chas. W. & Allison, 18 Cedar, New  
York  
Klipstein A. & Co., 644 Greenwich, New  
York  
National Aniline & Chemical Co., 100 Wil-  
liam, New York  
Salomon L. A. & Bro., 216 Pearl, New  
York  
Scheel Wm. H., 159 Maiden la, New York  
Strahl & Pitsch, 141 Front, New York  
Thurston & Braidich, 27 Cliff, New York  
Wolf Jacques & Co., Passaic, N. J.  
Worden Chemical Works, 4 Cedar, New  
York

**15854a—\*Trailers (Industrial)**

*See also Truck Trailers Automobile*  
**ELECTRIC WHEEL CO.**, Station D,  
Quincy, Ill. *See adv index at end of book*

**15855—Train Despatching Equip-  
ment (Telephone)**

General Railway Signal Co., Rochester,  
N. Y.  
Stromberg-Carlson Telephone Mfg. Co.,  
Rochester, N. Y.

**15856—Trains (Roll)**

Danville Fdry. & Mach. Co., Danville, Pa.  
Garrison A. Foundry Co., 901 Bingham,  
Pittsburgh, Pa.  
Lewis Foundry & Machine Co., Groveton,  
Pa.  
Morgan Construction Co., Worcester, Mass.  
National Roll & Foundry Co., Avonmore,  
Pa.  
Neumeyer & Dimond ("Demag" Imp), 82  
Beaver, New York  
United Engng. & Fdry. Co., 307 5th av,  
Pittsburgh, Pa.

**15857—Trammels**

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
*See adv index at end of book*  
Goodell-Pratt Co., Greenfield, Mass.  
Huebel Mfg. Co., 103 Monroe, Newark, N. J.  
Sawyer Tool Mfg. Co., Ashburnham, Mass.  
**STARRETT L. S. CO.** (Extension Beam,  
etc), Athol, Mass.  
*See adv index at end of book*

**Tramrails**

*See Trolleys & Trolley Tracks, Overhead*

**15858—\*Tramways (Bridge)**

**LINK-BELT CO.**, 39th & Stewart av, Chi-  
cago, Ill. & Hunting Park av & P. &  
R. Ry., Phila., Pa.  
*See adv index at end of book*  
Macomber & Whyte Rope Co., Racine av,  
Kenosha, Wis.

**15859-60—Tramways (Gravity)**

Hallidie Co. (For Ore, etc.), Spokane,  
Wash.  
Macomber & Whyte Rope Co., Racine av,  
Kenosha, Wis.

**Tramways & Trolleys**

*See Trolleys & Trolley Tracks, Overhead;  
also Wire Rope Tramways*

**Transfer Scrolls**

*See Ornaments, Transfer*

**15861—\*Transfer Tables (Hand  
Power)**

Brown Hoisting Machinery Co., 4403 St.  
Claire, N. E., Cleveland, O.  
*See adv index at end of book*  
Wharton Wm. Jr. & Co., Inc., Easton, Pa.

**15862—\*Transfers (Endless)**

**LINK-BELT COMPANY** ("Link-Belt"),  
39th & Stewart av, Chicago, Ill., &  
Hunting Park av & P. & R. Ry., Phila.,  
Pa. *See adv index at end of book*

**15863—Transformer, Oil Dryer &  
Purifier**

Hunt Edw. J. ("Hunt"), 707 Ordway bldg,  
Newark, N. J.

**15864—Transformers**

Adams-Bagnall Electric Co., Cleveland, O.  
**ALLIS-CHALMERS MFG. CO.** (Light &  
Power Electric), Milwaukee, Wis.  
*See adv index at end of book*  
American Transformer Co. ("American,"  
High & Low Frequency Type & Oil),  
145 Miller, Newark, N. J.  
Arrow Mfg. Co. ("Arrow" Low Voltage,  
Bell Ringing), Toledo, O.  
Burke Electric Co., Erie, Pa.  
Butler-Edwards Electric Co., Easton, Pa.  
Campbell Electric Co. ("Lowvolt" for  
Tungsten Lamps, etc), 17 Stewart,  
Lynn, Mass.  
Clapp-Eastham Co. ("Blitzer", High Fre-  
quency Type), Cambridge, Mass.  
Condit Electrical Mfg. Co., ("Condit" Cur-  
rent & Potential, 1st & L, Boston,  
Mass.  
Connecticut Telephone & Electric Co.,  
Meriden, Conn.  
Crocker-Wheeler Co. ("Remlk"), Ampere,  
N. J.  
Cushman Electric Co. ("Cushman" Ro-  
tary), Concord, N. H.  
Dongan Electric Mfg. Co. (Toy), Detroit,  
Mich.  
Duncan Electric Mfg. Co. ("Duncan"), La-  
fayette, Ind.  
Edison Thos. A., Inc., Orange, N. J.  
Edwards & Co. ("Dixie," Cadet), Exterior  
av & 140th, New York  
Electric Appliance Co., 701 W Jackson  
blvd, Chicago, Ill.  
Electric Economy Co. ("Beacon"), 1529  
Columbus av, Rox, Boston, Mass.  
Electro Surgical Instrument Co. (For Sur-  
gical Miniature Lamps), Rochester,  
N. Y.  
Enterprise Elec. Co. ("Peerless"), War-  
ren, O.  
**GENERAL ELECTRIC CO.** ("Wood"),  
Schenectady, N. Y.  
*See adv index at end of book*

General Railway Signal Co. (Automatic  
Block Signaling), Rochester, N. Y.  
Hallberg, J. H., 1604 B'way, New York  
Jefferson Electric Mfg. Co. (Toys, Sign  
Lighting, Wireless), 426 S Green, Chi-  
cago, Ill.  
Knott L. E. Apparatus Co. (Dissectible,  
Demonstration), 79 Amherst, Cam-  
bridge, Mass.  
Kuhlman Electric Co. (For Light & Pow-  
er), Elkhart, Ind.  
Manhattan Electrical Supply Co., 17 Park  
pl, New York  
Mohawk Electric Mfg. Co. ("Rollinson,"  
Type "R" Ringing), 45 Lawrence,  
Newark, N. J.  
Moloney Electric Co. ("Moloney"), 7th &  
Hickory, St. Louis, Mo.  
Packard Electric Co., Warren, O.  
Pittsburgh Transformer Co., Adams &  
Preble av, Pittsburgh, Pa.  
Ritchie E. S. & Sons (Wireless Telegraph),  
Brookline, Mass.  
Sangamon Electric Co. ("Nowatt"),  
Springfield, Ill.  
Thordarson Elec. Mfg. Co., 501 S Jeffer-  
son, Chicago, Ill.  
U. S. E. M. Co. ("Potentiostat" D. C.),  
301 W 37th, New York  
Victor Electric Co. (Bell Ringing), Jackson  
Boulevard & Robey, Chicago, Ill.  
Viking Electric Co. ("Viking," Low  
Voltage, Sign & Toy), 152 Chambers,  
New York  
Vindex Electric Mfg. Co., Aurora, Ill.  
Voltamp Electric Mfg. Co. (Miniature),  
407 N Paca, Baltimore, Md.  
Wagner Elec. Mfg. Co. (Lighting & Mo-  
tor, Pole Line Instrument, Static  
Power & Subway), 6400 Plymouth av,  
St. Louis, Mo.  
Wente Electric Co., Hamilton, O.  
Wesco Supply Co. ("McDonnell"), 7th &  
Clark, St. Louis, Mo.  
Western Electric Co. ("Lighting," "Po-  
tential"), 463 West, New York  
**WESTINGHOUSE ELECTRIC & MFG.  
CO.** (Core & Shell Type, for Power  
& Light), East Pittsburgh, Pa.  
*See adv index at end of book*  
Weston Electrical Instrument Co. (Instru-  
ments), Waverly Park, Newark, N. J.

**15865—Transformers (Bell Ringing)**

Campbell Electric Co. ("Campbell"), 17  
Stewart, Lynn, Mass.  
Ft. Wayne Electric Works, of General  
Electric Co., Ft. Wayne, Ind.  
**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
Jefferson Electric Mfg. Co., 426 S Green,  
Chicago, Ill.  
Mohawk Electric Mfg. Co. ("Rollinson"),  
45 Lawrence, Newark, N. J.  
Reppell-Murphy Electric Co., 3307 Sum-  
mit, Kansas City, Mo.  
Viking Electric Co. ("Viking"), 152 Cham-  
bers, New York  
Wente Electric Co., Hamilton, O.

**15866—Transformers For Moving  
Picture Lamps**

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
Hallberg J. H. ("K. V. A."), 1604 B'way,  
New York

**15867—Transformers (Heat)**

Central Station Steam Co. ("Detroit"),  
710 Woodbridge, Detroit, Mich.

**15868—Transformers (Pipe Thaw-  
ing)**

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*

**15869—Transformers (Static)**

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG.  
CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**15870-1—Transits**

Ainsworth Wm. & Sons ("Brunton" Pock-  
et"), Denver, Colo.  
Bausch & Lomb Optical Co., Rochester,  
N. Y.  
Berger C. L. & Sons, 35 William, Boston,  
Mass.



Buff & Euff Mfg. Co., rear 98 Green, Jamaica Plain, Boston, Mass.  
 Geier & Bluhm ("G. & B."), 5 Front, Troy, N. Y.  
 Heller & Brightly, Dept. H., 1122 Spring Garden, Phila., Pa.  
 Keuffel & Esser (Builders', Engineers', Hand Locating), Hoboken, N. J.  
 Kolesch & Bros., 138 Fulton, New York  
 Ledder & Probst ("New Precise"), 56 Franklin, Boston, Mass.  
 Lietz A. Co. ("Lietz" Transits & Levers), 61 Post, San Francisco, Cal.  
 Prince L. M. Co., 108 W 4th, Cincinnati, O.  
**STARRETT L. S. CO.** (Leveling), Athol, Mass. *See adv index at end of book*  
 Taylor Instrument Companies, ("Verschoyle" Pocket "Tycos", Rochester, N. Y. *See adv index at end of book*  
 Ulmer J. C. Co. ("J. B. Davis", Solar, etc.), Cleveland, O.  
 Warren-Knight Co. ("Sterling"), 136 N 12th, Phila., Pa.  
 White David Co. ("Architects' Leveling, etc.), 419 E Water, Milwaukee, Wis.  
 Wilder-Pike Thermometer Co., Engineers, Surveyors, Explorers, Builders, etc., Troy, N. Y.

### 15872—Translucent Fabrics

Angier Mills ("Rubberglass"), Ashland, Mass.

### 15873-4—\*Transmission (Automobile)

**AMERICAN DIE & TOOL CO.**, Reading, Pa. *See adv index at end of book*  
**MERCHANT & EVANS CO.** ("Evans"), 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*  
**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich. *See adv index at end of book*

### Transmission (Chain)

*See Chain Power Transmission*

### Transmission Machinery Power

*See Power Transmitting Machinery*

### 15875—Transmission (Right Angle)

Almond T. R. Mfg. Co. ("Almond"), Ashburnham, Mass.

### 15876—Transmission Towers & Structures (Electric)

American Bridge Co., 30 Church, New York  
 Archibald-Brady Co. (Steel), Syracuse, N. Y.

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*

Franklin Steel Works, Franklin, Pa.  
 Milliken Bros., (Galvanized Steel Wireless), 111 Broadway, New York

Pacific Electric Mfg. Co., 827 Folsom, San Francisco, Cal.  
 Pittsburgh-Des Moines Steel Co., 4th & Ross, Pittsburgh, Pa. *See adv index at end of book*

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York. *See adv index at end of book*

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa. *See adv index at end of book*

### 15877—Transmitters (Sewing Machine)

Cleveland Clutch Co., Cleveland, O.  
 Singer Sewing Machine Co., 149 B'way, New York  
 Union Special Machine Co., 300 W Kinzie, Chicago, Ill.

### 15878—Transmitters (Telegraph)

Piersen Telegraph Transmitter Co. ("Piersen"), Topeka, Kan.

### 15879—\*Transom Adjusters

**BOSTON PRESSED METAL CO.** ("Osborne" Adjuster & Lock), 169 Union, Worcester, Mass. *See adv index at end of book*

### 15880—Transplanters (Tobacco)

Case J. I. Plow Works, Racine, Wis.  
 Fetzner & Co. (Tobacco, Cabbage, Tomato, etc.), Springfield, Ill.  
 Garrison Bros. Co. (And Other Plants), Bridgeton, N. J.  
 Madison Plow Co. ("F. & J. Bemis"), Madison, Wis.  
 Masters Planter Co. (Hand) 229 N State, Chicago, Ill.  
 Nagley Mfg. Co. ("Onondaga" Automatic for All Kinds of Plants), Lyons, N. Y.  
 New Idea Spreader Co. ("Rollman"), Coldwater, O.  
 Ohio Rake Co. ("Tiger"), Dayton, O.  
 Owens J. L. Co. (Also Potato, Cabbage, Tomato, etc), Fulton & S E Huron, Minneapolis, Minn.

### 15881—Trap Rock

*See also Stone, Crushed*

Baltimore Quarries Co., Law bldg, Baltimore, Md.  
 Birdsboro Stone Co., Bulletin bldg, Phila., Pa.  
 Blue Trap Rock Co., Little Rock, Ark.  
 Bouker Contracting Co., 24 State, New York  
 Bound Brook Crushed Stone Co., Bound Brook, N. J.  
 Clinton Point Stone Co., 17 Battery pl, New York  
 Conewago Trap Rock Co., Williamsport, Pa.  
 Connecticut Quarries Co., New Haven, Conn.  
 Davis Trap Rock Works, Parkway bldg, Phila., Pa.  
 Delaware River Quarry & Construction Co., 26 Exchange pl, Jersey City, N. J.  
 Dyer John T. Quarry Co., Norristown, Pa.  
 General Crushed Stone Co., Easton, Pa.  
 Keystone Lime & Stone Co., Lancaster, Pa.  
 Lane Construction Corp., Meriden, Conn.  
 McKiernan & Bergin Co., Paterson, N. J.  
 Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.  
 Morris County Crushed Stone Co., Morristown, N. J.  
 New York Trap Rock Co. (Crushed), 17 Battery pl, New York  
 Pierce B. D., Jr. Co., 122 Bank, Bridgeport, Conn.  
 Spence Bros. ("Bruce"), Cleveland, O.  
 Standard Lime & Stone Co., Equitable bldg, Baltimore, Md.  
 Waltham Trap Rock Co., Waltham, Mass.  
 York Hill Trap Rock Quarry Co., Meriden, Conn.

### 15882—Traps (Air)

**ANDERSON V. D. Co.** ("Anderson"), W 96th, Cleveland, O. *See adv index at end of book*

### 15883—Traps (Animal)

Abingdon Trap Co. ("O. K."), Abingdon, Ill.  
 Bullock Mfg. Associates ("Bullock"), Springfield, Mass.  
 E-Z Mfg. Co., Galesburg, Ill.  
 Hawkins Co., South Britain, Conn.  
 Heartley Machine, Variety Iron & Tool Works, 900 Summit, Toledo, O.  
 Nelson Mfg. Co., Deerfield, Wis.  
 Niagara Falls Metal Stamping Works ("Lightning", "Clincher"), Niagara Falls, N. Y.  
 Oneida Community (Ltd.), Dept. G. ("Victor", "Newhouse" for All Kinds of Game), Oneida, N. Y.  
 Peck, Stow & Wilcox Co. ("Oneida" Pattern), Southington, Conn.  
 Soho Trap Mfg. Co., 3115 W. 25th, Cleveland, O.  
 Sargent & Co. ("Oneida" Pattern), New Haven, Conn.  
 Triumph Trap Co., Inc., ("Triumph", "Kangaroo", "High Grip"), Oneida, N. Y.

### 15884—Traps (Anti-Siphon)

Humphries Mfg. Co. ("Bowers Pattern"), Mansfield, O.  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 McAuliffe Non-Siphoning Trap Co. ("McAuliffe") Chelsea, Mass.

Miller Foundry & Specialty Co. ("Millers"), North Tonawanda, N. Y.  
 Monarch Brass Co. (Lead & Brass), Cleveland, O.  
 Young Joseph H. Co. ("Bay State", "Cambridge", "YCo", "Salem", "Springfield"), 82 High, Boston, Mass.

### 15885—Traps (Back Water)

Advance Mfg. Co. ("Palmer"), Erie, Pa.  
 Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.  
 Blake Specialty Co., Rock Island, Ill.  
 Boston Brass Co., ("Acme") 135 Bacon, Waltham, Mass. *See adv index at end of book*  
 Cudell F. E., Cleveland, O.  
 Edwardsville Brass Co., Edwardsville, Ill.  
 Fries & Co., 91 Main, Buffalo, N. Y.  
 Illinois Malleable Iron Co. (Palmer), 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book*  
 Murphy Specialty Co. ("Murphy", Combined Catch Basin & Back Water Trap), 90 2d, Milwaukee, Wis.  
 Prier Brass Mfg. Co. ("Standard" & Slesben"), Kansas City, Mo.  
 Stary Frank & Sons, Cedar Rapids, Ia.  
 Swett A. L. Iron Works, Medina, N. Y.  
 Union Metal Works, Chelsea, Mass.  
 Wolverine Brass Works, Grand Rapids, Mich.

### 15886—Traps (Bath & Basin)

A. D. Mfg. Co. (Nickel Plated), Detroit, Mich.  
 American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 American Pin Co. ("Ampinco"), Waterbury, Conn.  
 American Sanitary Mfg. Co. ("American"), Abingdon, Ill.  
 Blake Specialty Co. (Iron, Lead & Brass), Rock Island, Ill.  
 Boston Brass Co. ("B. B."), 135 Bacon, Waltham, Mass. *See adv index at end of book*  
 Bridgman Bros. Co. (Brass Bendor Bath Traps), 1426 Washington av, Phila., Pa.  
 Clarke Robt. (Non-Syphon), 100 Schermerhorn, Brooklyn, N. Y.  
 Dearborn Brass Co., Cedar Rapids, Ia.  
 Detroit Sanitary Supply Co. ("Clean Sweep" Catch Basin), 1191 2nd, Detroit, Mich.  
 Eagle Pitcher Lead Co. (The) (Lead), 208 S La Salle, Chicago, Ill.  
 Edwardsville Brass Co., Edwardsville, Ill.  
 Empire Brass Mfg. Co. (Brass), Cleveland, Ohio  
 Fries & Co., 91 Main, Buffalo, N. Y.  
 Frost Mfg. Co. ("Femco"), Kenosha, Wis.  
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.  
 Haines, Jones & Cadbury Co. ("Hajoca" Bath), 1136 Ridge av, Phila., Pa.  
 Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.  
 Ireland & Matthews Mfg. Co., ("Boss" & "S"), Detroit, Mich.  
 Kokomo Brass Works (Self-Scouring Brass Drum & Sanitary Basin), Kokomo, Ind.  
 Kretschmer Mfg. Co., Dubuque, Ia.  
 McAuliffe Non Siphoning Trap Co., ("McAuliffe"), Chelsea, Mass.  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 Miller Foundry & Specialty Co. ("Miller's"), N Tonawanda, N. Y.  
 Monarch Brass Co. ("Monarch" Brass & Lead, Anti-Syphon), Cleveland, O.  
 Murphy Specialty Co. ("Murphy"), 90 2d, Milwaukee, Wis.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Union Metal Works ("A. R. R. C."), Chelsea, Mass.  
 Weiskittel A. & Son Co. (Bath), 12th & E Lombard, Baltimore, Md.  
 Wolverine Brass Works, Grand Rapids, Mich.  
 Young Jos. H. Co. ("Bay State", "Cambridge", "YCo", "Salem", "Springfield", "Combination"), 82 High, Boston, Mass.

### 15887—Traps (Bear)

Independent Bridge Co., 829 Beaver av, Pittsburgh, Pa.



**15888— Traps (Bell)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Barber Mfg. Co., Ashtabula, O.  
 Blake Specialty Co., Rock Island, Ill.  
 Central Brass Mfg. Co., 6206 Cedar, Cleveland, O.  
 Edwardsville Brass Co. (Brass), Edwardsville, Ill.  
 Fee & Mason, 81 Beekman, New York  
 Glenn Fred E., St. Charles, Ill.  
 Haydenville Co., Haydenville, Mass.  
 Modern Iron Works, Quincy, Ill.  
 Quinn Wire & Iron Works, Boone, Ia.

**15889—Traps (Bi-Metallic Plated)**

A. D. Mfg. Co., Detroit, Mich.

**15890—Traps (Catch Basin)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Standard Brass & Iron Works ("Dale"), 1820 St. Paul av, Milwaukee, Wis.

**15891— Traps (Centrifugal)**

Ireland & Matthews Mfg. Co., Detroit, Mich.  
 Wolverine Brass Works ("Wolverine" Aluminized Cast Iron), Grand Rapids, Mich.

**15892— Traps (Drainage)**

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Blake Specialty Co., Rock Island, Ill.  
 Crampton-Farley Brass Co., 221 Main, Kansas City.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Kokomo Brass Works (Brass Floor, Drain & Trap), Kokomo, Ind.  
 Power Plant Specialty Co. ("Monarch" Vacuum), Monadnock blk., Chicago, Ill.  
 Prier Brass Mfg. Co. ("Standard" & "Sieben," Kansas City, Mo.

**15893— Traps (Drum)**

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Blake Specialty Co. (Iron Lead & Brass), Rock Island, Ill.  
 Boston Brass Co. (Lead) 135 Bacon, Waltham, Mass. *See adv index at end of book*  
 Casey-Hedges Co., Chattanooga, Tenn.  
 Compound Injector & Specialty Co. ("Dehn's," Iron), 419 N Laramie av, Chicago, Ill.  
 Dearborn Brass Co., Cedar Rapids, Ia.  
 Glenn Fred E. (Cast Iron), St. Charles, Ill.  
 Prier Brass Mfg. Co. (Iron & Brass), Kansas City, Mo.  
 Riverside Foundry & Galvanizing Co., Kalamazoo, Mich.  
 United Lead Co. (Lead), 111 B'way, New York

**15894— Traps (Fish)**

Wood R. D. & Co. (For Water Mains), 400 Chestnut, Phila., Pa.

**15895— Traps (Fly)**

American Can Co. ("Canco"), 120 B'way, New York. *See adv index at end of book*  
 Avis A. B. ("Avis"), Pomona, Cal.  
 Bromwell Brush & Wire Goods Co., 612 W. 6th, Cincinnati, O.  
 Burgess & Norton Mfg. Co. ("Crusader"), Geneva, Ill.  
 Central Wire Goods Co., 110 W 40th, New York  
 Curry Champion Fly Trap Co., Paducah, Ky.  
 Hamlin & Russell Mfg. Co., Worcester, Mass.  
 Heine John F. & Son (Large), Hooper, Neb.  
 Ludlow-Saylor Wire Co. ("Perfect"), Newstead av, cor Wabash R. R., St. Louis, Mo.  
 Meyers Fred. J. Mfg. Co. ("Champion," "Globe"), Hamilton, O.  
*See adv index at end of book*  
 National Enameling & Stamping Co. ("Shur-Katch"), 411 5th av, New York  
 National Mfg. Co. ("Nativirs," "Harper," "Peerless," "Balloon," "Eagle"), Worcester, Mass.

Northwestern Stamping Co., Burlington, Ia.

Parker Wire Goods Co., Worcester, Mass.  
 Peoria Can Co. ("Superior" Globe Shape), Peoria, Ill.

Reynolds Wire Co. ("Harjer," "Champion," "Paragon," "Dixon," "Leader" & "Eagle" Cone Shaped, "Globe," "Acme," "Royal" Balloon Shape), Dixon, Ill.

Safety Wire Gas Globe Co., Columbus, O.  
 Stuber & Kuck Co. ("Baby Superior"), Peoria, Ill.

Thompson Co. ("Ezycatch"), Red Oak, Ia.

Wagner Mfg. Co. ("Wagner All-Metal," "Wagner Daisy"), Cedar Falls, Ia.

**Traps (Game)**

See Traps, Animal

**15896— Traps (Gopher)**

Abingdon Trap Co. ("O. K."), Abingdon, Ill.

**15897— Traps (Grease)**

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Earrett Jas. Mfg. Co. ("Barrett") 117 Pearl, Boston, Mass.

Compound Injector & Specialty Co. ("Dehn" "Acme"), 419 N Laramie av, Chicago, Ill.

Estabrook's R. Sons ("Estabrook," "Boston" "Franklin"), 202 1st, Boston, Mass.

Federal-Huber Co., 234 N Halsted, Chicago, Ill.

Glauber M. & Co., 103 Varick, New York  
 Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Philadelphia, Pa.

Hoffman & Billings Mfg. Co., Milwaukee, Wis.

Humphries Mfg. Co., Mansfield, O.  
 Kieley & Muller, 34 West 13th, New York

McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 Meyer-Sniffen Co. ("Em Ess Tucker"), 11 W 36th, New York

Mott J. L. Iron Works ("Tucker" & "To-bey") 118 5th av, New York

Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.

Peck Bros. & Co., New Haven, Conn.  
 Prier Brass Mfg. Co. ("Sieben"), Kansas City, Mo.

Robertson James Lead Co., 827 S Howard, Baltimore, Md.

Rundle Mfg. Co. (Porcelain Enameled Kitchen), 27th & Wahl, Milwaukee, Wis.

Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.

Sanitas Mfg. Co., 54 Union, Boston, Mass.

Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

Steam Appliance Co. ("Peters"), Milwaukee, Wis.

Success Mfg. Co. ("Bolger"), Gloucester, Mass.

Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.

Webster, Warren & Co., Camden, N. J.

Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.

**15898—Traps (Ground Mole)**

Heartley Machine, Variety Iron & Tool Works ("Heartley Hold Fast"), 900 Summit, Toledo, O.

Reddick W. A. (Steel), Niles, Mich.

Rittenhouse J. F., Liberty Mills, Ind.

**15900— Traps (Lavatory)**

American Fdry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Empire Brass Mfg. Co., Cleveland, O.

McAuliffe Non-Siphoning Trap Co. ("McAuliffe") Chelsea, Mass.

Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.

Standard Brass Mfg. Co., Utica, N. Y.

Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

Wise J. B., Inc., Watertown, N. Y.

**15901— Traps (Mercury)**

**KENNEDY VAN SAUN MFG. & ENG. CORP.**, 120 Broadway, New York.

*See adv index at end of book*

**15902— Traps (Minnow)**

Orvis Chas. F., Manchester, Vt.  
 St. Charles Net & Hammock Co., St. Charles, Ill.

**15903—Traps (Rat & Mouse)**

Abingdon Trap Co ("It," "O. K.," "Ell," "Nox"), Abingdon, Ill.

Bullock Mfg. Associates (Rat), Springfield, Mass.

Bumann Mfg. Co. ("Open Door"), Litchfield, Ill.

Cassady Fairbank Mfg. Co. ("Up-to-Date," "Security"), 6126 S La Salle, Chicago, Ill.

Chicago Rat Trap Co., 1475 Foster av, Chicago, Ill.

Darby Edw. & Sons Co. ("French American"), 239 Arch, Phila., Pa.

Delphos Mfg. Co. ("Lightning Re-set"), 1st & Pierce, Delphos, O.

Detroit Wire & Iron Works ("Smith's Never Escape" & Improved "Morty" Pattern), 1160 Jefferson av, E., Detroit, Mich.

E-Z Mfg. Co. ("E-Z-Ketch"), Galesburg, Ill.

Ely T. J. Mfg. Co. ("Ely's" Safe & Easy), Erie, Pa.

Fort Dearborn Mfg. Co. ("Shur Shut" Mouse), 38 S Dearborn, Chicago, Ill.

Hamblin & Russell Mfg. Co., Worcester, Mass.

Lovell Mfg. Co. ("Erie," "Star," "Grip," "Slayer," "Gem," "Yaukee," "Rex," "Dead Easy," "Delusion," "Mascotte," "Household," "Cyclone," "Easy-Setting. Wood Choker," "Lovell's Metallic Choker"), Erie, Pa.

Meyers Fred. J. Mfg. Co., Hamilton, O.

*See adv index at end of book*

Morgan Spring Co., Worcester, Mass.

National Mfg. Co. ("Natwire" Wire), Worcester, Mass.

Niagara Falls Metal Stamping Works ("Enticer" Rat Traps), Niagara Falls, N. Y.

Oneida Community (Ltd.), ("Official"), Oneida, N. Y.

Osborn J. K. Mfg. Co., Harrison, N. J.

Shann Mfg. Co. ("Chasse" & "Acme" Patent), Middletown, N. Y.

Smith & Edge Mfg. Co., Bridgeport, Conn.

Stansbury H. O. Co., 415 Commerce, Phila., Pa.

Streeter N. R. & Co. ("Knock-out"), Rochester, N. Y.

Swartz H. D. (Rat), Scranton, Pa.

Wire Goods Co. (Wire & Wood Bottom), Worcester, Mass.

Worcester Novelty & Wire Co. ("Hold-Em"), Canton, O.



Sproul & McGurrin Co. ("Excelsior" Grease Traps), Grand Rapids, Mich.  
 Stary Frank & Sons, Cedar Rapids, Ia.  
 Townsend Foundry & Machine Shop Co. For Street Receiving Basins), B'way & Rensselaer, Albany, N. Y.  
*See adv index at end of book*  
 Wolf L. Mfg. Co., 601 W Lake, Chicago, Ill.

### 15907—Traps (Sewer, Tide & Back Water)

Advance Mfg. Co. ("Palmer"), Erie, Pa.  
 Barrett Jas. Mfg. Co., ("Barrett") 117 Pearl, Boston, Mass.  
 Blake Specialty Co., Rock Island, Ill.  
 Boston Erass Co. ("Acme") 135 Bacon, Waltham, Mass.  
*See adv index at end of book*  
 Pier Brass Mfg. Co. ("Standard" & "Sieben"), Kansas City, Mo.

### 15908— Traps (Steam)

Acton John ("Old Reliable" Expansion Traps), 118 John, Brooklyn, N. Y.  
 Albany Steam Trap Co. ("Blessing"), Albany, N. Y.  
 Alert Pipe & Supply Co., Bay City, Mich.  
 Allentown Experimental Works, Allentown, Pa.  
 American Blower Co. ("Detroit"), 1400 Russell, Detroit, Mich.  
 American District Steam Co. "Holly," "Empire," "American"), North Tonawanda, N. Y.  
 American Duplex Steam Trap Co. ("American Duplex") Moffatt bldg, Detroit, Mich.  
 American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 American Steam Gauge & Valve Mfg. Co. ("American Ideal"), 208 Camden, Boston, Mass.  
**ANDERSON V. D. CO.** ("Anderson"), W 96th, Cleveland, O.  
*See adv index at end of book*  
 Armstrong Machine Works, Three Rivers, Mich.  
 Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.  
 Automatic Steam Trap & Specialty Co. ("Barton" Expansion), 316 Harper av, Detroit, Mich.  
 Barton John W. ("Barton"), 2707 Vestry av, Cleveland, O.  
 Berry Engineering Co., Chester, Pa.  
 Boston Machine Works Co., Lynn, Mass.  
 Boston Steam Specialty Co. ("Ketcham" & "Fleur de Lis"), 332 A, Boston, Mass.  
 Burrows Mfg. Co., York, Pa.  
 Central Station Steam Co., 710 Woodbridge, Detroit, Mich.  
 Consolidated Engineering Co. ("Van Auker"), 507 W Jackson blvd, Chicago, Ill.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.  
 d'Este Juylian Co. ("Curtis" Expansion, Return, Balanced, etc), 24 Canal, Boston, Mass.  
 Dunham C. A. Co. ("Dunham" Drain Valve & Steam Trap for Radiators), Marshalltown, Ia.  
 Edward Valve & Mfg. Co. ("Edward"), 343 S Dearborn, Chicago, Ill.  
 Elliott Co. ("Elliott"), Pittsburgh, Pa.  
 Engineers Appliance Co. ("Hydromatic"), Cleveland, O.  
 Eureka Iron Mfg. Co., 1451 W Harrison, Chicago, Ill.  
 Fanke F. Steam Trap Co., Milwaukee, Wis.  
 Farnsworth F. C. Co., 2d av & 39th, Brooklyn, N. Y.  
 Fogarty James H., 126 Liberty, New York  
 Ford Thos. P. Co. (Compound), 407 Broome, New York  
 Foskett & Bishop Co. ("Fosket & Bishop"), New Haven, Conn.  
 Garratt W. T. & Co. ("McKellar"), 299 Fremont, San Francisco, Cal.  
 General Fire Extinguisher Co. ("Providence," Improved Float), Providence, R. I.  
 Glenn Fred E., St. Charles, Ill.  
 Glover Bros. ("John Glover," "Jones"), Paul & Vandyke, Phila., Pa.  
 Golden-Anderson Valve Specialty Co. ("Golden" Tilting), Fulton bldg, Pittsburgh, Pa.  
**HAINES WILLIAM S. & CO.** ("Heintz"), 12th & Buttonwood, Philadelphia, Pa.

**Hoffmann B. Mfg. Co.** ("Hoffmann"), 257 6th, Milwaukee, Wis.  
 Houghton E. F. & Co. ("Marc"), 240 W Somerset, Phila., Pa.  
 Hussey, McCann & Co. ("Peerless"), 87 Warren, New York  
 Illinois Engineering Co., ("Eclipse") 5021 S State, Chicago, Ill.  
 Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
 Imperial Iron Works ("Imperial"), Duluth, Minn.  
 Jenkins Bros. ("Diamond"), 82 White, New York  
 Johnston Robt. C. & Co. ("Smith"), 620 Lodge, Cincinnati, O.  
 Johnston Wm. T. Co. ("Johnston" Brand), 3d & Vine, Cincinnati, O.  
 Keeble Alex K., Lawrence, Mass.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Kieley & Mueller ("Standard" & "Champion"), 34 W 13th, New York  
 Kitts Mfg. Co., Oswego, N. Y.  
 Kitts Steam Specialty Co., Oswego, N. Y.  
 Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.  
 Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.  
 Lawler Regulator Co. ("Lawler's," "Empire" & "Monitor," "Lawler's" Duplex & Return Trap), 55 W Houston, New York  
 Linton Machine Co. ("Komo"), 26 Cortlandt, New York  
 Lytton Mfg. Corp. ("Lytton" Separating; also Return & Vacuum), Franklin, Va.  
 McAuley Automatic Trap Co. ("McAuley" Automatic), 3d & Penn, Pittsburgh, Pa.  
 McCrea Jas. & Co. ("H. H."), 562 W Washington, Chicago, Ill.  
 McNab & Harlin Mfg. Co., 55 John, New York  
 Marsh Jas. P. & Co., 118 S. Clinton, Chicago, Ill.  
 Mitchell W. K. & Co. ("Denny" High & Low Pressure), 2940 Ellsworth, Philadelphia, Pa.  
 Monash-Younger Co. ("Mo-Yo-Co," "Fidelity" & "Monash"), 1407 W Jackson blvd, Chicago, Ill.  
 Morehead Mfg. Co. ("Morehead" Non-Return, Return, Vacuum & Condenser), Detroit, Mich.  
 Mott J. L. Iron Works ("Tobey"), Trenton, N. J.  
 Nashua Machine Co. ("Bundy"), Nashua, N. H.  
**NASON MFG. CO.**, ("Nason," "Nason-Vesuvius," "Nason-Sidelug," "Nason Class B" & "Nason Class C"), 71 Fulton, New York  
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National Blower Works ("National"), Milwaukee, Wis.  
 National Supply Co., Toledo, O.  
 National Tube Co., Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Newhall Geo. M. Engng. Co. ("Vance"), Commercial Trust bldg, Philadelphia, Pa.  
 Nichols E. M. ("Handy"), 212 W Washington sq, Phila., Pa.  
**NICHOLSON W. H. & CO.**, ("Wyoming") Wilkes-Barre, Pa.  
 Oliver & Howland Co. ("Howland"), Springfield, Mass.  
 Open Coil Heater & Purifier Co. ("Stickle"), Indianapolis, Ind.  
 Pancoast Henry B. Co. ("Barr's"), 243 S 3d, Phila., Pa.  
 Paul Andrew G. Co. ("Paul"), 131 State, Boston, Mass.  
 Pearce W. H. & Co. ("Crescent"), 333 S Dearborn, Chicago, Ill.  
 Pittsburgh Valve, Foundry & Construction Co., 26th st & A. V. Ry., Pittsburgh, Pa.  
 Pittsburgh Valve & Fittings Co. ("Pittsburgh"), Frick bldg, Pittsburgh, Pa.  
 Platt Jno. ("Geipels"), 97 Cedar, New York  
 Pratt & Cady Co. ("Pratt" Return), Hartford, Conn.  
 Providence Steam Trap Co. ("Newton"), 16 Diamond, Providence, R. I.  
 Reliance Gauge Column Co. ("Reliance"), Cleveland, O.  
 Robertson Jno. F. Co. ("Little Giant" "R-P"), Park bldg, Pittsburgh, Pa.  
 Rogers H. A. Co. ("Heintz"), 87 Walker, New York  
 Rutzler Enoch Co. (Automatic), 404 E 49th, New York  
 Sarco Engineering Co. ("Sarco"), South Ferry bldg, New York  
**SCHUTTE & KOERTING CO.** ("Mueller-Schutte" & "Dinkel"), 1251 N 12th, Phila., Pa.  
**SHAW BENJ. F. CO.**, 501 E 2d, Wilmington, Del.  
*See adv index at end of book*  
 Sittig J. W. (Imp.), 5 Beekman, New York  
 Sorge A. Jr. & Co. ("Sorge" Registering Drainer), Monadnock blk, Chicago, Ill.  
 Squires C. E. Co. ("Genuine Squires"), Cleveland, O.  
 Standard Steam Specialty Co. ("Sirius"), 542 W B'way, New York  
 Star Brass Mfg. Co. ("Flinn"), 108 E Dedham, Boston, Mass.  
 Steam Appliance Co. ("Peters" Corliss Valve), Milwaukee, Wis.  
 Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.  
**STURTEVANT B. F. CO.** ("Flynn," "Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*



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**NASON-VESUVIUS**  
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 Taylor Steam Specialty Co., Battle Creek, Mich.  
 Templeton Mfg. Co. ("Sterling"), Boston, Mass.  
 Tillotson Humidifier Co. ("Ideal"), 78 Fountain, Providence, R. I.  
 Tyler Underground Heating System ("Tyler") 815 S Canal, Pittsburgh, Pa.  
 Vance-Vetter Co. ("Vance"), Phippo Power bldg, Pittsburgh, Pa.  
 Walworth Mfg. Co., Boston, Mass.  
 Watson & McDaniel Co. ("McDaniel," "Chapman," "Columbia"), 146 N 7th, Phila., Pa.  
 Watts Regulator Co., ("Watts"), Lawrence, Mass.  
 Western Kieley Steam Specialty Co. ("Boylston" Improved), 116 W Illinois, Chicago, Ill.  
 Williams D. T. Valve Co. ("Cookson"), Cincinnati, O.  
 Williams Gauge Co. ("Williams" Steam Operated), 543 4th av, Pittsburgh, Pa.  
 Wright Mfg. Co. ("Wright Emergency" High Pressure & "Victor" Low Pressure), 97 Woodbridge av, W, Detroit, Mich.

### 15909—Traps (Steam, Railway)

Sarco Engineering Co. ("Sarco"), South Ferry bldg, New York  
 Vapor Car Heating Co., 1450 Railway Exchange, Chicago, Ill.  
 Williams D. T. Valve Co., Cincinnati, O.

### 15910-1— Traps (Stench)

American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Glenn Fred E. ("Dunstan"), St. Charles, Ill.

### Traps (Vacuum)

See Traps, Steam

### 15912— Traps (Waste)

Dearborn Brass Co., Cedar Rapids, Ia.  
 Elgin Brass Co., 90 John, New York  
 McAuliffe Non-Siphoning Trap Co. ("McAuliffe") Chelsea, Mass.  
 Young Joseph H Co. ("Ray State," "Cambridge," "YCo," "Salem," "Springfield"), 82 High, Boston, Mass.

### 15913— Traps & Targets (Trap Shooting)

Chamberlin Cartridge & Target Co. ("Blue Rock," "Legett"), Cleveland, O.

### 15914— Travelers (Ferry)

Channon Jas. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Dobbie Foundry & Machine Co., Niagara Falls, N. Y.

### 15915—Traveling Bags & Suit Cases

See also Trunk Manufacturers

Abel & Bach Co., 1005 Clymer, Milwaukee, Wis.  
 Ahlswede Mfg. Co., 126 N Los Angeles, Los Angeles, Cal.  
 Am. Suit Case Mfg. Co., 17 Walker, New York City  
 Barnum Trunk Co., 804 Nicollet, Minneapolis, Minn.  
 Belber Trunk & Bag Co., 1641 N Hancock, Philadelphia, Pa.  
 Bleaman Samuel, 6 Mill, Paterson, N. J.  
 Boyle John & Co., 112 Duane, New York  
 Brier, Fisher & Miller, 218 Arch, Philadelphia, Pa.  
 Brooklyn Suit Case Mfg. Co., 87 Harrison, pl, Brooklyn, N. Y.  
 Cleveland Leather Goods Co., 28 Noble, ct, Cleveland, O.  
 Columbus Fibre Box Co., N. W. cor. Hickory & Wall, Columbus O.  
 Cramer & Sherr, 24 S Frost, Philadelphia, Pa.  
 Crane Bros., Westfield, Mass.  
 Crouch & Fitzgerald, 177 B'way, New York  
 Detsch Bros., 14 E 17th, New York  
 Dresser S. & Son, 500 Peoria, Chicago, Ill.  
 Eau Claire Trunk Co., Eau Claire, Wis.  
 Elchenbusch J. W. & Bro., 9 W Kinzie, Chicago, Ill.  
 Elgensom Bros., 771 Mather, Chicago, Ill.

Excelsior Traveling Goods Co., 612 S Canal, Chicago, Ill.  
 Excelsior Trunk Co., 606 Delaware, Kansas City, Mo.  
 Fibre Specialty Mfg. Co., Kennett Square, Pa.  
 Galewski David, 261 Canal, New York.  
 Galewski S., 321 B'way, New York  
 Gerding Geo. W., 405 Commerce, Phila., Pa.  
 Hahn A. & Co., 69 5th av, New York  
 Harris R., 4824 S Main, Los Angeles, Cal.  
 Hartmann Trunk Co., 207 W Jackson blvd, Chicago, Ill.  
 Haskell Bros., 165 W Green, Chicago, Ill.  
 Headley & Farmer Co., Harrison, N. J.  
 Horton & Hubbard Mfg. Co., Somerville, Mass.  
 Imperial Leather Mfg. Co., 847 W Harrison, Chicago, Ill.  
 Kamlee Co., 235 B'way, Milwaukee, Wis.  
 Kaufmann K. & Co., 169 Murray, Newark, N. J.  
 Kennebunk Mfg. Co. (Traveling, Extension, School, Laundry, Sample, etc), Rochester, N. Y.  
 Knickerbocker Case Co., 230 N Clinton, Chicago, Ill.  
 L. & Z. Suit Case Co., 644 5th av, Pittsburgh, Pa.  
 Lazard S. A., 221½ S Los Angeles, Los Angeles, Cal.  
 Leatheroid Mfg. Co., Kennebunk, Me.  
 Likly Henry & Co., Rochester, N. Y.  
 Lowy A., 18 Greene, New York  
 Lowy & Co., 79 Grand, New York  
 Lust Wm., 927 Van Ness av, San Francisco, Cal.  
 Mack Henry, 104 Prospect, Jersey City, N. J.  
 Maier Martin & Co., 102 Wood, Detroit, Mich.  
 Malm C. A., & Co., 2199 Folsom, San Francisco, Cal.  
 Mass. Dress Suit Case Co., 294 Harrison av, Boston, Mass.  
 Mayer Max, 10th & Cherry, Phila., Pa.  
 Meyer Bros., 234 N Front Philadelphia, Pa.  
 Murell Leather Goods Co., 715 Washington, Boston, Mass.  
 National Veneer Products Co., Mishawaka, Ind.  
 Newark Leather Goods Works, 28 Division pl, Newark, N. J.  
 New England Trunk Co., 125 Summer, Boston, Mass.  
 Nobbe Kaphan Co., 301 Market, Newark, N. J.  
 Paulus John, 655 N May, Chicago, Ill.  
 Pfisterer C. G., 800 E Jefferson, Los Angeles, Cal.  
 Phil. Leather Goods Co., 2nd & Race, Philadelphia, Pa.  
 Racine Traveling Bag Co., Racine, Wis.  
 Rappeport R. E., 904 S Leavitt, Chicago, Ill.  
 Raquet Bros., 117 N. J. R. R. av, Newark, N. J.  
 Reed Edward E., Somerville, Mass.  
 Reynolds Leather Goods Co., Putnam, Conn.  
 Ries & Hoelzel, 1020 Race, Philadelphia, Pa.  
 Rosenson D. & Sons Co., 1600 Baronne, New Orleans, La.  
 St. Louis Leather Goods Co., 1219 Chestnut, St. Louis, Mo.  
 Schmickl F. & Co., 873 B'way, New York  
 Schmit Trunk & Bag Co., Oshkosh, Wis.  
 Seattle Suit Case Mfg. Co., Seattle, Wash.  
 Secor M. M. Trunk Co., Racine, Wis.  
 Seward Trunk & Bag Co., Petersburg, Va.  
 Travelight Mfg. Co. ("Travelight"), 237 Lawrence, Phila., Pa.  
 United Suit Case Co., 1345 5th av, Pittsburgh, Pa.  
 University Bag Co., 185 Franklin, Boston, Mass.  
 Waberski Bros., 6 Barbara, Newark, N. J.  
 Warren Leather Goods Co., Worcester, Mass.  
 Weingarten & Geberer, 90 Grand, New York  
 White F. H. Co., 1001 Hamilton, Philadelphia, Pa.  
 Wilt Chas. T., 221 W Madison, Chicago, Ill.  
 Zick Joseph, Rochester, N. Y.

### 15916— Trays (Aluminum)

Aluminum Goods Mfg. Co., Manitowoc, Wis.  
 Standard Aluminum Co., Two Rivers, Wis.

### 15917— Trays (Ash)

Dent Hardware Co., Fullerton, Pa.  
 Silver & Co., 308 Hewes, B'klyn, N. Y.

### 15917a— Trays (Barrow, Steel)

**JACKSON MFG. CO.**, Harrisburg, Pa.  
*See adv index at end of book*

### 15918— Trays (Brass)

Knapp Mfg. & Supply Co. (Bar, Candy, etc), 241 Water, New York.  
 New York Stamping Co. ("Empress" Table), N 11th & Berry, Brooklyn, N. Y.  
 Oakes Co. (The), Indianapolis, Ind.  
 Ray Geo. A. Mfg. Co. (Also Nickel Plated), Buffalo, N. Y.  
 Sweeney W. H. Mfg. Co. (All Styles), 30 Main, Brooklyn, N. Y.  
 Worcester Pressed Steel Co., Worcester, Mass.

### Trays (Chopping, Wood)

See Bowls, Wood

### 15919— \*Trays (Coin)

Lamson Co., The (Metal), 100 Boylston, Boston, Mass.

### 15920—Trays (Gold & Silver Plated)

Weldlich Bros. Mfg. Co., Bridgeport, Conn.

### 15921—Trays (Hard Rubber)

Tyer Rubber Co., Andover, Mass.

### 15922—Trays (Knife & Fork)

Bennett Mfg. Co. (Wood), Portland, Me.  
 Chapman-Sargent Co. (Wood), Perrysburg, Ohio

### 15922a—\*Trays (Ladies Dresser)

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 Broadway, New York

### 15923— Trays (Letter)

Andrews Wire & Iron Works, Rockford, Ill.  
 Barbee Wire & Iron Works ("Acme" Wire), 170 N Dearborn, Chicago, Ill.  
 Globe-Wernicke Co., 25 Carthage av, Cincinnati, O.  
 Hutchins-Kilbourne Co. (Wire), Buffalo, N. Y.  
 National Mfg. Co. ("Natwire" Wire), Worcester, Mass.  
 Progressive Wire Goods Co. (Wire), 529 Commerce, Phila., Pa.  
 Standard Wire Co. ("Standard" Wire), New Castle, Pa.  
 Tatum Sam'l C. Co. (Wire), Cincinnati, O.

### 15924—Trays (Litho. Metal)

Shonk Chas. W. Co., Maywood, Ill.

### 15925— Trays (Serving)

Cassady Fairbank Mfg. Co., 6126 S La-salle, Chicago, Ill.  
 Scheibe E. F., Somerville, Mass.  
 Silver & Co. (Brass, Glass & Wood), 308 Hewes, B'klyn, N. Y.

### 15925a—\*Tray (Shoe & Slipper)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 15925b— \*Trays (Soap)

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York

### 15926— Trays (Steaming)

Clark W. J. Co., Salem, O.  
 Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
 Milwaukee Brewers' Specialty Co., 116 Huron, Milwaukee, Wis.  
 Ullman Mfg. Co. (Fancy & Plain Wooden), 338 E 59th, New York

### 15927— \*Trays (Wooden)

**ESTES E. B. & SONS** (Counter, Pen, Pin, Jewelry, Starch, etc), 358 5th av, New York  
*See adv index at end of book*



**15928—Treadles (Foot Power)**

Goodell-Pratt Co., Greenfield, Mass.  
Hardinge Bros. (Automatic Locking), 4203  
Ravenwood av., Chicago, Ill.  
Shawmut Machinery Co., 82 Lincoln, Bos-  
ton, Mass.

**Treads (Car Step)**

See Car Steps & Treads

**15929—Treads (Dog Power)**

See also Horse Powers

Dobson Mfg. Co., Rockford, Ill.  
Gowanda Agricultural Works, Gowanda,  
N. Y.  
McDermaid J., Rockford, Ill.

**15930-1—Treads (Push Button Floor)**

Ansonia Electrical Co. ("Daisy"), Ansonia,  
Conn.  
Renim Specialty Co. ("Ideal"), Brighton,  
Boston, Mass.

**Treads (Rubber)**

See Mats & Matting, Rubber

**Treads (Safety)**

See Stair Treads, Various Kinds; also Car  
Steps & Treads; also Steps, Safety  
Tread

**15932—Treaters (Smut & Seed)**

Fosston Mfg. Co. ("Advance," "Cyclone,"  
"Hart"), 473 Cleveland, St. Paul,  
Minn.

**Tree Guards**

See Wire Fence & Gates; also Iron Rail-  
ings & Fences

**15932a—Tree Guards (Wire & Wrought Iron)**

Buffalo Wire Works Co., 453 Terrace, Buf-  
falo, N. Y. *See adv index at end of book*  
Smith John P. & Co. ("Elm City"), New  
Haven, Conn.

**15933—Treenails**

Hoskins J. S. Lumber Mfg. Co. ("Locust"  
for Ship Purposes), Baltimore, Md.  
Nashua Spool & Bobbin Co. (Locust &  
Oak), Grove Hall Station, Boston,  
Mass.

**15935—Trestles (Painters' & Ma-  
sons')**

Davenport Ladder Co., Davenport, Ia.  
Fox Geo. S., 137 N 6th, Phila., Pa.  
Frizzell Ladder Co., 135 Granite av, Bos-  
ton, Mass.  
Goshen Mfg. Co., Goshen, Ind.  
Krewson T. C., 801 Master, Phila., Pa.  
Moulton C. W. H. Co., Somerville, Mass.  
Reilly Bros. Ladder Co., 324 W 41st, New  
York  
Rich Pump Co., South & Depot, Cincin-  
nati, Ohio  
Safety Ladder Mfg. Co., Seattle, Wash.  
Steel Scaffolding Co., Evansville, Ind.  
Young Bros. Co., Worcester, Mass.

**15936—Trestles (Shaft Hanging)**

Portland Extension Ladder & Pole Co.  
("Excelsior" Folding Extension Trest-  
le or Scaffold Horse), 130 Orange,  
Newark, N. J.

**15937—Trestles (Steel, Folding)**

**FRASSE PETER A. & CO. (INC.)**, 417  
Canal, New York  
*See adv index at end of book*

**15938—Trestles (Steel Frame)**

**SCAIFE WM. B. & SONS CO.**, First Na-  
tional Bank bldg, Pittsburgh, Pa., &  
26 Cortlandt, New York  
*See adv index at end of book*

**15939—Triangles**

Brown & Sharpe Mfg. Co. (Steel), Prov-  
idence, R. I.  
Defiance Mfg. Co., 22 E 41st, New York  
Disston Henry & Sons (Steel), Tacony,  
Phila., Pa.  
Elliott B. K. Co. 126 6th, Pittsburgh, Pa.  
Hallett Iron Works, Harvey, Ill.  
Keuffel & Esser, Hoboken, N. J.  
Mound Tool Co. ("Mound"), 1203 S 7th,  
St. Louis, Mo.

**15940—Triangles (Line Wire)**

Hallett Iron Works, Harvey, Ill.

**15941—Triclorethylene**

Industrial Chemical Co., 200 Fifth av, New  
York

**Triers**

See Tryers

**15942—Trimmers (Bolt Head)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
New York *See adv index at end of book*  
Manville E. J. Machine Co., Waterbury,  
Conn.  
Waterbury Farrel Foundry & Machine Co.,  
Waterbury, Conn.

**15943—Trimmers (Hedge)**

American Axe & Tool Co., Glassport, Pa.  
Disston Hy. & Sons, Tacony, Phila., Pa.  
Stearns E. C. & Co. (Or Lawn), 450 On-  
eida, Syracuse, N. Y.

**Trimmers (Hoof)**

See Parers, Hoof

**15944—Trimmers (Lamp Wick)**

Bridgeport Brass Co., Bridgeport, Conn.  
Graef & Schmidt ("Twin-Brand" Imp.),  
107 Chambers, New York  
Ives H. B. Co. ("Barnard"), New Haven,  
Conn.

**15945—Trimmers (Lawn)**

Chadborn & Coldwell Mfg. Co. ("C. & C."),  
Newburgh, N. Y.  
Coldwell Lawn Mower Co., Newburgh,  
N. Y.  
Granite State Mowing Machine Co. ("Cap-  
itol" Lawn Mower Pattern), Hinsdale,  
N. H.  
Imperial Bit & Snap Co. ("Imperial"),  
Racine, Wis.  
Northwestern Stamping Co. ("N. W."),  
Burlington, Ia.  
Osmundson Space Mfg. Co. ("Hawkeye"  
"Edgar"), Perry, Ia.  
Parry W. B. & Son ("Utica"), 200 Sen-  
eca, Utica, N. Y.  
Phila. Lawn Mower Co. ("Philadelphia"),  
3107 Chestnut, Phila., Pa.

**SUPPLEE-BIDDLE HARDWARE CO.**  
("Pennsylvania" Ball Bearing), 5th &  
Commerce, Phila., Pa.

*See adv index at end of book*

Townsend S. P. & Co., Orange, N. J.

**15946—Trimmers (Linseed & Cot-  
tonseed Cake)**

French Oil Mill Machinery Co., Piqua, O.

**15947—Trimmers (Lumber)**

**ALLIS-CHALMERS MFG. CO.**, Milwaukee,  
Wis. *See adv index at end of book*  
American Sawmill Machinery Co. ("Amer-  
ican"), Hackettstown, N. J.  
Baldwin Tuthill & Bolton, Grand Rapids,  
Mich.  
Clark Bros. Co., Olean, N. Y.  
Curtis & Co. Mfg. Co., 1571 Kienlen av,  
St. Louis, Mo.  
DeLoach Mill Mfg. Co., Bridgeport, Ala.  
Diamond Iron Works ("Diamond" & "Har-  
mon"), 2nd & 18th av, Minneapolis,  
Minn.  
Enterprise Co., Columbiana, O.  
Filer & Stowell Co., Milwaukee, Wis.  
Fox Machine Co. ("Universal" Pattern  
Makers), Jackson, Mich.  
Garland M. Co., Bay City, Mich.  
Gordon Hollow Blast Grate Co. ("Tower"),  
Greenville, Mich.

Henderson W. K. Iron Works & Supply  
Co., Shreveport, La.  
Howell R. R. & Co., 31st av, Minneapolis,  
Minn.

Lane Mfg. Co., Montpelier, Vt.  
Murray D. J. Mfg. Co., Wausau, Wis.  
Phoenix Mfg. Co., Eau Claire, Wis.  
Smith, Myers & Schnier Co., 621 W Front,  
Cincinnati, O.

Southern Engine & Boiler Works, Jack-  
son, Tenn.

Standard Saw Mill Machinery Co., Erie, Pa.

Stearns Co., Erie, Pa.

Stellman L. H. & Son, Brattleboro, Vt.

Union Iron Works, Bangor, Me.

United States Machine Co., Williamsport,  
Pa.

Wheland Co., Chattanooga, Tenn.

Wickes Bros., Saginaw, Mich.

*See adv index at end of book*

**15948—Trimmers (Paper Hangers')**

See also Tools, Paper Hangers

Allen A. & Co. ("Climax," "Eclipse," "Tri-  
umph," "Keystone" Hand & Power).  
2001 Carpenter, Phila., Pa.  
Ridgely Trimmer Co., Springfield, O.

**15949—Trimmers (Photograph)**

Fletcher, Terry Co., Forrestville, Conn.  
Jacques John & Son, Worcester, Mass.  
Monce S. G. Unionville, Conn.

**15950—\*Trimmers (Sheet Metal)**

**BLISS E. W. CO.**, 19 Adams, Brooklyn,  
N. Y. *See adv index at end of book*

**15951—Trimmers (Slate)**

Ruggles Machine Co., Poultney, Vt.

**15952-3—Trimmers (Spoke)**

See also Pointers

Bonney Vise & Tool Works, Allentown, Pa.  
*See adv index at end of book*  
Ives W. A. Mfg. Co. ("Ives"), Walling-  
ford, Conn.

**15954—Trimmers (Tree)**

See also Shears, Pruning

Klein Mathias & Sons ("Klein's"), 562 W  
Van Buren, Chicago, Ill.  
Oshkosh Mfg. Co. (With or Without Saw),  
Oshkosh, Wis.

**Trimmers (Wall Paper)**

See Trimmers, Paper Hangers

**15954a—\*Trimings (Auto, Car-  
riage, Boat, Hat & Shoe)**

**DU PONT FABRIKOID CO.** (Leather  
Type), Wilmington, Del.  
*For branch offices see adv index at end of book*

**15955—Trimings (Bedstead)**

American Ring Co., Waterbury, Conn.  
Pritchard Stamping Co. (Brass), Roches-  
ter, N. Y.  
Riley-Klotz Mfg. Co., 17 Mulberry, New-  
ark, N. J.  
Schultze Mfg. Co., 46 Lawrence, Newark,  
N. J.  
Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*

**15955a—\*Trimings (Blind)**

**STANLEY WORKS**, New Britain, Conn.  
*See adv index at end of book*

**15956—Trimings (Boat & Launch)**

Detroit Arch'l Iron Works Co., Detroit,  
Mich.  
Laughlin Thos. Co., Portland, Me.  
Liberty Brass Works, 305 W Lombard,  
Baltimore, Md.  
Minneapolis Brass & Iron Mfg. Co., 115  
N 9th, Minneapolis, Minn.  
Twentieth Century Brass Works Co., Minne-  
apolis, Minn.

**Trimings (Car)**

See Car Trimings

**15957—Trimings (Casket)**

Elgin Silver Plate Co., Elgin, Ill.  
Syracuse Ornamental Co., Syracuse, N. Y.



**15958—Trimmings (Fancy Box)**

Grammes L. F. & Sons, Allentown, Pa.  
Riley-Klotz Mfg. Co., 17 Mulberry, New-  
ark, N. J.  
Stimpson Edw. B. Co. (Also for Cigar  
Boxes), 68 Franklin av, Brooklyn, N.Y.

**15959—Trimmings (Furniture)**

American Pin Co. ("Ampinco"), Water-  
bury, Conn.  
American Ring Co. (Brass), Waterbury,  
Conn.  
Artistic Bronze Co., Bridgeport, Conn.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Ellison Brass Mfg. Co., Jamestown, N. Y.  
Grand Rapids Brass Co. (Metal Escut-  
cheons, Knobs, Pulls, Hinges, etc),  
Grand Rapids, Mich.  
Keeler Brass Co., Grand Rapids, Mich.  
National Lock Co. (Brass & Plate), Rock-  
ford, Ill.  
Novelty Mfg. Co. (Metal), Waterbury,  
Conn.

**15960—Trimmings (Halter)**

Frazer & Jones Co. ("Eames," "Excelsior,"  
etc), Syracuse, N. Y.  
North & Judd Mfg. Co. ("Anchor Brand"  
etc), New Britain, Conn.

**15961—Trimmings (Harness)**

Enterprise Mfg. Co. (Saddlery Trimmings),  
Akron, O.  
Rubber & Celluloid Harness Trimming Co.  
(Rubber & Celluloid), 56 Ferry, New-  
ark, N. J.

**15962—Trimmings (Lavatory Door)**

Imperial Brass Mfg. Co., 524 S Racine av,  
Chicago, Ill. *See adv index at end of book*  
Niles Mfg. Co. (Bronze Metal Bolts,  
Strikes, Indicators, Latches, etc), 216  
S Jefferson, Chicago, Ill.

**15963—Trimmings (Refrigerator)**

Arcade Mfg. Co., Freeport, Ill.  
Brainerd Mfg. Co., East Rochester, N. Y.  
Brass Goods Mfg. Co., 533 Union, Brook-  
lyn, N. Y.  
**DENT HARDWARE CO.**, Fullerton, Pa.  
Grand Rapids Brass Co., Grand Rapids,  
Mich.  
Tiebout W. & J., 118 Chambers, New York

**Trimmings (Saddlery)**

*See Trimmings, Harness*

**15964—Trimmings (Smoking Pipe)**

Novelty Mfg. Co. (Brass), Waterbury,  
Conn.  
Weber-Knapp Co. (Smoker Sets), James-  
town, N. Y.

**Trimmings (Stove)**

*See Stove Trimmings*

**15965—Trimmings (Table Cuttlery)**

Novelty Mfg. Co., Waterbury, Conn.

**15966—Trimmings (Umbrella & Parasol)**

Woolson James B., Watertown, Conn.

**15966a—\*Trinitroluol**

du PONT E. I. de NEMOURS & CO., Wil-  
mington, Del.  
*For branch offices see adv index at end of book*

**15966b—\*Tri-Nitro-Toluol Appa-  
ratus**

Buffalo Foundry & Machine Co., 65 Win-  
chester av, Buffalo, N. Y.  
*See adv index at end of book*

**15966c—\*Tripods**

**GORHAM CO., ARCHITECTURAL  
BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*

**15967—Tripods (Drill)**

Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*

**15968—Tripods (Engineers')**

Gurley W. & L. E. (For Transits, Levels,  
Compasses & Plane Tables), Troy,  
N. Y.  
Ulmer J. C. Co., Cleveland, O.

**15969—\*Tripods (Portable Folding)**

**SPIEDEL JOHN G.** (For Hoists), Read-  
ing, Pa. *See adv index at end of book*

**15970—Tripoli**

*See also Composition, Buffing*

American Tripoli Co. (Pure Tripoli Flour),  
Seneca, Mo.  
Callery W. W. & Co., Pittsburgh, Pa.  
Cohutta Talc Co. (Miners' & Refiners'),  
Dalton, Ga.  
Doggett Stanley, 11 Cliff, New York  
Mepharm Geo. S. & Co., 20th & Lynch,  
East St. Louis, Ill.  
Oxford Tripoli Co., 11 B'way, New York  
Waddell R. J. & Co. (Imp.), 52 Beekman,  
New York  
Wiarda John C. & Co. (Composition), 273  
Greene av, Brooklyn, N. Y.

**15971—Trippers (Belt)**

**LINK-BELT CO.**, 39th & Stewart av,  
Chicago, Ill., & Hunting Park av &  
P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
Webster Mfg. Co., Tiffin, O.

**15972—Triturators**

Coldwell-Wilcox Co., Newburgh, N. Y.  
Cresson-Morris Co., Allegheny & 18th,  
Phila., Pa.

**15973—Trocars (Bull Nose)**

Baird Company, Plainfield, N. J.

**15974—Trolley Ears**

Allen Fire Dept Supply Co., 159 Aborn,  
Providence, R. I.  
Anderson Albert & J. M. Mfg. Co., 289 A,  
Boston, Mass.  
Chester Ry. Supply Co. ("Dyer"), Chester,  
Pa.  
Columbia Machine Works & Malleable  
Iron Co., Atlantic av & Chestnut,  
Brooklyn, N. Y.  
Creaghead Engineering Co., 340 Main,  
Cincinnati, O.  
Drew Electric & Mfg. Co., Indianapolis,  
Ind.  
Electric Service Supplies Co. ("Keystone"),  
17th & Cambria, Phila., Pa.  
Eureka Co., North East, Pa.  
More-Jones Brass & Metal Co., B'way &  
Dock, St. Louis, Mo.  
Ohio Brass Co., Mansfield, O.

**Trolley Harps or Forks**

*See Forks, Trolley; also Trolley Line Ma-  
terials*

**15975—Trolley Line Materials**

*See also Railway Supplies, Electric*  
American Safety Lamp & Mine Supply Co.,  
Scranton, Pa.  
Anderson Albert & J. M. Mfg. Co. (Over-  
head), 289 A, Boston, Mass.  
Archibold-Brady Co. (Catenary Bridges  
Only), Syracuse, N. Y.  
Bayonet-Trolley-Harp Co. (Detachable  
Trolley Harp & Butterfly Sleet Cut-  
ter), Springfield, O.  
Clark Elec. & Mfg. Co. ("Clark"), 149  
B'way, New York  
Columbia Machine Works & Malleable  
Iron Co. (Strain Line Anchor, etc),  
Atlantic av & Chestnut, Brooklyn,  
N. Y.  
Creaghead Engineering Co. ("Creag-  
head"), 340 Main, Cincinnati, O.  
Drew Electric & Mfg. Co., Indianapolis,  
Ind.  
Eccles & Smith Co., 71 1st, San Fran-  
cisco, Cal.  
Electric Railway Equipment Co., Cincin-  
nati, O.  
Electric Service Supplies Co. ("Key-  
stone"), 17th & Cambria, Phila., Pa.  
Eureka Co. (Trolley Ears, Splicers, etc),  
North East, Pa.  
Flood City Mfg. Co. (Wheels, Harps, etc,  
for Mines, etc), Johnstown, Pa.

Garton W. R. Co. (Flexo & Semi-Flexo  
Trolley Ears; Mabir & Hivol Pins,  
etc), 17 S Desplaines, Chicago, Ill.

**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
Hallett Iron Works ("Hallett"), Harvey,  
Ill.

Harrison Electric Co., 411 Van Brunt,  
Brooklyn, N. Y.

Hickey & Schneider (Specialties), 61  
B'way, New York

Johns H. W.-Manville Co., ("J.-M." Over-  
head & Subway), Madison av & 41st,  
New York

Keystone Drop Forge Works (Harps, etc),  
Chester, Pa.

Lang J. Electric Co., 423 N Lincoln, Chi-  
cago, Ill.

Line Material Co., S Milwaukee, Wis.

Lord Mfg. Co., 105 W 40th, New York

Macallen Co., 16 Macallen, South Boston,  
Mass.

Miller Trolley Shoe Co. (Trolley Shoes),  
15 Elkins, Boston, Mass.

More-Jones Brass & Metal Co., B'way &  
Dock, St. Louis, Mo.

National Brass Mfg. Co. (Trolley Wheels  
& Harps), Rochester, N. Y.

**NUTTALL R. D. CO.** ("Union" "Stand-  
ard" Trolley, Harps), McCandless &  
Harrison av, Pittsburgh, Pa.

*See adv index at end of book*

Ohio Brass Co. (Overhead), Mansfield, O.

Phila. Electrical & Mfg. Co. ("Pemco"  
Feeder Arms, etc), 1236 N 31st, Phila.,  
Pa.

Post-Glover Electric Co., 314 W 4th, Cin-  
cinnati, O.

Stuart-Howland Co., 234 Congress, Bos-  
ton, Mass.

Traction Materials Co., 501 5th av, New  
York

Union Electric Co., 31 Terminal wy, Pitts-  
burgh, Pa.

Wallace Supplies Mfg. Co., 412 Orleans,  
Chicago, Ill.

**WESTINGHOUSE ELEC. & MFG. CO.**,  
East Pittsburgh, Pa.

*See adv index at end of book*

**Trolley Poles**

*See Poles, Various Kinds; also Ties, Poles  
& Posts*

**15975a—\*Trolleys (Bucket)**

Browning Victor R. & Co., 17701 Lake  
Shore blvd, Cleveland, O.  
*See adv index at end of book*

**15976—Trolleys (Butchers' Beef)**

Allbright-Nell Co., 5323 Western blvd,  
Chicago, Ill.  
Duncan J. Co., 7 Fulton plc., Boston, Mass.  
Gloekler Bernard Co., 1127 Penn av,  
Pittsburgh, Pa.

**15977—Trolleys (Cable)**

Hallett Iron Works ("Hallett"), Harvey,  
Ill.

**15978—Trolleys (Electric Convey-  
ing)**

Brown Hoisting Machinery Co., 4403 St.  
Clair, N. E., Cleveland, O.

*See adv index at end of book*  
Farnham Mfg. Co., 39 Indiana, Buffalo  
N. Y.

**LINK-BELT CO.**, 39th & Stewart av, Chi-  
cago, Ill., & Hunting Park av & P. &  
R. Ry., Phila., Pa.

*See adv index at end of book*  
Yale & Towne Mfg. Co., 9 E 40th, New  
York

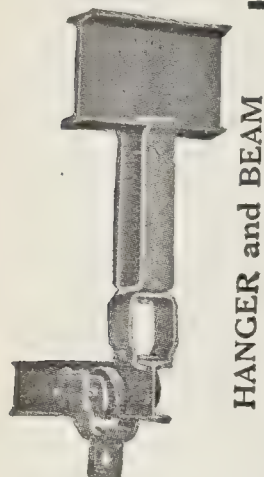
**15979—Trolleys (Trunnion)**

Erie Forge Co., Erie, Pa.

**15980—Trolleys & Chairs (Cable  
Stringing)**

Bissell F. Co. ("Security"), Toledo, O.  
Central Telephone & Elec. Co. ("Arrow"),  
310 N 11th, St. Louis, Mo.  
Oshkosh Mfg. Co., Oshkosh, Wis.





HANGER and BEAM

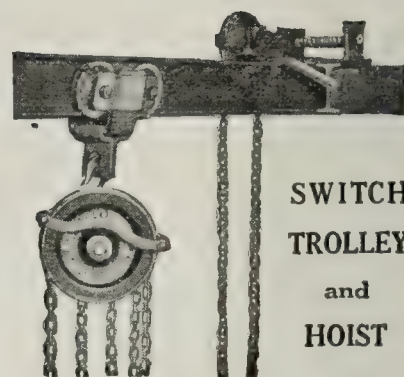
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TROLLEY  
and  
HOIST

### 15981—Trolleys & Trolley Tracks (Overhead)

Atlas Car & Mfg. Co., Cleveland, O.

See adv index at end of book

Aurora Door Hanger & Specialty Co., Aurora, Ill.

Box Alfred & Co., 813 N Front, Phila., Pa.

Brown Hoisting Machinery Co., 4403 St. Clair, N E, Cleveland, O.

See adv index at end of book

**CAMERON ENGINEERING CO.** ("T" Beam Hangers, "I" Beam Switches & Trolleys), E Stroudsburg, Pa.

See adv index at end of book

Case Crane & Engineering Co. (I Beam) Columbus, O.

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

Chisholm-Moore Mfg. Co. (Geared & Plain Yoke Trolleys), 49th to 53d & Lake, Cleveland, O.

**COBURN TROLLEY TRACK MFG. CO.**, P. O. Box 721, Holyoke, Mass.

Curtis & Co. Mfg. Co. (Air Motor, Beam Trolleys & Tunnison Beam Trolley Hoists, etc), 1571 Kienlen av, St. Louis, Mo.

**DETROIT HOIST & MACHINE CO.**, Detroit, Mich. See adv index at end of book

Duncan J. Co. (For Rubber Mills), 7 Fulton pl, Boston, Mass.

Euclid Crane & Hoist Co., Euclid, O.

Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.

Ford Chain Block Mfg. Co., 139 Oxford, Phila., Pa.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. See adv index at end of book

Harrington Edw. Son & Co., 17th & Cal-lowhill, Phila., Pa.

**HUNT C. W. CO.** (Hand), West New Brighton, N. Y.

See adv index at end of book

Lane Bros Co. (Trolley Carriers), Pough-keepsie, N. Y.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry., Phila., Pa.

See adv index at end of book

Lovejoy Tool Works (I Beam Trolleys), 319 W Ohio, Chicago, Ill.

McCabe Hanger Mfg. Co. (Eye Beam), 425 W 25th, New York

Maris Bros., 56th & Grays Ferry rd, Phila., Pa.

Moore Franklin Co., Winsted, Conn.

**MYERS F. E. & BRO.**, 800 Orange, Ash-land, O. See adv index at end of book

New Jersey Foundry & Machine Co. (Hand & Electric Power), 89 West, New York

**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich.

See adv index at end of book

Parlette H. Leslie, Media, Pa.

Pawling & Harnischfeger Co. (I Beam Electric), Milwaukee, Wis.

Philadelphia Tram-Rail Co., Front & Tus-culum, Phila., Pa.

**READING CHAIN BLOCK CO.**, Reading, Pa.

Reading Crane & Hoist Works, Reading, Pa.

Richards-Wilcox Mfg. Co. ("Richards-Wilcox" Trolley Overhead Carriers), Aurora, Ill.

Ricker Mfg. Co., Rochester, N. Y.  
Roepfer Crane & Hoist Works, Reading, Pa.

Round David & Son, Cleveland, O.

**SHEPARD ELECTRIC CRANE & HOIST CO.** (Electric, Plain & Geared, I-Beam), Montour Falls, N. Y.

See adv index at end of book

**SPEIDEL JOHN G.**, Reading, Pa.

See adv index at end of book

Stuebner G. L. Iron Wks., Queensboro Terminal, Long Island City, N. Y.

See adv index at end of book

Treadwell M. H. Co., 140 Cedar, New York

Whitehead & Kales Iron Works, Detroit, Mich.

Whiting Foundry Equipment Co., Harvey, Ill.

Wright Mfg. Co. (High Speed), Lisbon, Ohio

Yale & Towne Mfg. Co. (Crane-I-Beam & Plain Rail), 9 E 40th, New York

### 15982—Trommels (Rice)

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

### 15983—Troughs (Hog)

See also Troughs, Watering

American Scale Co., Kansas City, Mo.

Clarke J. Q. Tank Co., Crawfordsville, Ind.

Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.

Conner J. W. & Son (Cast Iron), Orangeville, Pa.

Dutton E. Q. & Co., Cato, N. Y.

East Bangor Mfg. Co. (Cast Iron), Bangor, Pa.

Foltz Mfg. & Supply Co., Hagerstown, Md.

Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.

Glor Bros. & Willis Mfg. Co., Attica, N. Y.

Hayton Pump Co. (Cast Iron), Quincy, Ill.

Kretchmer Mfg. Co. (Galvanized), Council Bluffs, Ia.

Loetscher-Ryan Mfg. Co. ("Star" Cast), Dubuque, Ia.

Maytag Co., Newton, Ia.

Munnsville Plow Co. (Cast Iron), Munns-ville, N. Y.

Nebraska & Iowa Steel Tank Co., Omaha, Neb.

Northwestern Stamping Co. ("North-western Seamless"), Burlington, Ia.

Quinn Wire & Iron Works ("Daisy"), Boone, Ia.

Western Mfg. Co., Oskaloosa, Ia.

Whitacre-Goshert Mfg. Co. (Galv., also Sheep), Rockford, Ill.

### 15984—Troughs (Meat)

Brecht Co., 1201 Cass av, St. Louis, Mo

Sterling Wheelbarrow Co. ("Sterling" Sanitary), Milwaukee, Wis.

### 15985—Troughs (Watering)

Barnes & Nuss Co. (Galvanized Steel), Grand Forks, N. D.

Buch's A. Sons Co. (Cast Iron & Steel), Elizabethtown, Pa.

Bushnell Tank Works, Bushnell, Ill.

Casey-Hedges Co. (Cast Iron Horse), Chat-tanooga, Tenn.

Central Foundry Co. (Cast Iron), 90 West, New York

Chicago Hardware Foundry Co., 546 W Washington, No. Chicago

Chicago Steel Tank Co., 733 S Halsted, Chicago, Ill.

Columbian Steel Tank Co. (Galvanized Steel), Kansas City, Mo.

East Bangor Mfg. Co. (Cast Iron Hog), Bangor, Pa.

Ephrata Foundry & Machine Works (Cast Iron, Portable Line), Ephrata, Pa.

Flint & Walling Mfg. Co. (Galvanized Steel), Kendallville, Ind.

Foltz Mfg. & Supply Co., Hagerstown, Md.

Franklin Galvanized Ware Mfg. Co. (Galvanized Steel), Franklin, Ind.

Harry Bros. Co. ("Harry's," Corrugated Galvanized Iron), New Orleans, La.

Harry O. K. Steel Co. (Galvanized Steel), 2333-35 Papin, St. Louis, Mo.

Harry O. K. Steel Works (Feed), Dallas, Tex.

Heesen Bros. Co. (Cast Iron), Tecumseh, Mich.

Heller-Aller Co., Napoleon, O.

Honhorst Joseph Co., 1016 W 6th, Cincin-nati, O.

Kelly Foundry & Machine Co. (Poultry), Goshen, Ind.

Kretchmer Mfg. Co. (Galvanized), Coun-cil Bluffs, Ia.

Littleford Bros., 444 E Pearl, Cincin-nati, O.

Loetscher-Ryan Mfg. Co. ("Star" Cast for Hogs), Dubuque, Ia.

Munnsville Plow Co. (Cast Iron), Munns-ville, N. Y.

Nebraska & Iowa Steel Tank Co., Omaha, Neb.

Niles Steel Tank Co. (Galvanized Steel), Niles, Mich.

North Dakota Metal Culvert Co. (Galvan-ized Steel), Fargo, N. D.

Perkins Wind Mill Co., Mishawaka, Ind.

Walls Owen & Stambach Co. (Soapstone) 11th & Hamilton, Phila., Pa.

Weaver & Co. (Steel), New Oxford, Pa.

### 15986—Trowels

Arcade Mfg. Co. (Steel Garden, etc), Free-port, Ill.

Billings Jas. E., Est. of., Irvington, N. J.

Bishop Geo. H. & Co. (Plasterers'), Law-renceburg, Ind.

Browne & Dowd Mfg. Co. (Plastering), Meriden, Conn.

Buffum Tool Co. ("Swastika"), Plastering Brick, Bent Blade Garden Transplant-ing, Handy Pointing, etc), South Side, Louisiana, Mo.

Crescent Novelty Mfg. Co. (Handle, Edge, Outside Corner of Angle), 703 S B'way, St. Louis, Mo.

Disston Henry & Sons (Garden, Brick, Plastering, Edging, Cementing, etc), Tacony, Phila., Pa.

Goldblatt H. Tool Co. ("Goldblatt"), 213 E 15th, Kansas City, Mo.

Hall Mfg. Co. ("Hall" Garden), Monticello, Ia.

Hills Edwin (Garden), Plainville, Conn.



Johnson Wm. (Hedenberg Works) (Handy, Garden, Transplanting, Brick Plastering, Pointing Corners, etc), Newark, N. J.  
 Kohler F. E. Co. (Garden, etc), Canton, O.  
 Landers, Frary & Clark (Garden), New Britain, Conn.  
 Lothrop H. A. & Co., Sharon, Mass.  
 Marshalltown Trowel Co. (Plasterers', Brick, etc), Marshalltown, Ia.  
 Maynard C. A. (Garden Brick, etc), Northampton, Mass.  
 Potter Mfg. Co. (Brick, Pointing, Garden, Florists, etc), Geneva, O.  
 Reading Saddle & Mfg. Co. (Plastering, Florists, Brick, Garden, etc), Reading, Pa.  
 Rose Wm. & Bros., Sharon Hill, Pa.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
 Stortz Jno. & Son (Cement Workers, Putty, Paint, etc), 210 Vine, Phila., Pa.  
 Union Furnace Mfg. Co., Union Furnace, Pa.  
 Western Steel & Iron Works (Garden), De Pere, Wis.

#### 15987—Trowels (Butter)

Landers, Frary & Clark (Also Butter Spades, etc), New Britain, Conn.  
**NICHOLS BROS.**, Greenfield, Mass.

#### 15988—Trowels (Concrete Finishing)

Arrowsmith Concrete Tool Co., Arrow-smith, Ill.  
 Bishop George H. & Co., Lawrenceburg, Ind.

#### 15989—Trowels (Garden)

Arcade Mfg. Co. (Steel, etc), Freeport, Ill.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Hall Mfg. Co. ("Hall"), Monticello, Ia.  
 Hills Edwin, Plainville, Conn.  
 Hussey-Binns Shovel Co., 223 4th av, Pittsburgh, Pa.  
 Jackson Shovel & Tool Co., Montpelier, Ind.  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Kohler F. E. Co., Canton, O.  
 Landers, Frary & Clark, New Britain, Conn.  
 Mason & Parker Mfg. Co., Winchendon, Mass.  
 Maynard C. A., Northampton, Mass.  
 N. Y. Stamping Co. ("Primrose"), N 11th & Berry, Brooklyn, N. Y.  
 Potter Mfg. Co., Geneva, O.  
 Western Steel & Iron Works, De Pere, Wis.  
 Wilkins Toy Co., Keene, N. H.

#### Trowels (Molders')

See Tools, Molders'

#### 15990—Trowels (Plastering)

Atkins E. C. & Co., Indianapolis, Ind.  
 Bishop George H. & Co., Lawrenceburg, Ind.  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
 Clark W. J. Co., Salem, O.  
 Crescent Mfg. Co., 129 Reade, New York  
 Disston Henry & Sons, Tacony, Phila., Pa.  
 Goldblatt H. Tool Co., 213 E 15th, Kansas City, Mo.  
 Johnson Wm. (Hedenberg Works), Newark, N. J.  
 Marshalltown Trowel Co., Marshalltown, Ia.  
 Potter Mfg. Co., Geneva, O.  
 Reading Saddle & Mfg. Co. (Steel Blade), Reading, Pa.  
 Rose Wm. & Bros., Sharon Hill, Pa.  
 Sayre L. A. Co., 332 Mulberry, Newark, N. J.  
 S. & I. Co., Springfield, Mass.

#### Trowels (Putty)

See Knives, Putty

#### 15991—Truck Bands (Rubber)

Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.

Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Home Rubber Co., Trenton, N. J.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mechanical Rubber Co., Cleveland, O.  
 N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
 N. Y. Belting & Packing Co., 91 Chambers, New York  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Thermoid Rubber Co., Trenton, N. J.  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 Whitehead Bros. Rubber Co., Trenton, N. J.

#### 15992—Truck Trailers (Automobile)

Acme Wagon Co. ("Acme"), Emigsville, Pa.  
 Anchor Buggy Co. ("Anchor"), C. H. & D. Ry, nr. Gest, Cincinnati, O.  
 Bettendorf Trailer Co. ("Beatendorf"), Bettendorf, Ia.  
 Butler Co. ("Butler"), Butler, Ind.  
 Davenport Wagon Co., Davenport, Ia.  
 Defiance Carriage Co. ("Defiance"), Defiance, O.  
 Detroit Trailer Co., 673 Atwater, E, Detroit, Mich.  
 Durant-Dort Carriage Co., Flint, Mich.  
 Emerson Brantingham Co. ("E. B."), Rockford, Ill.  
 Erie Trailer Mfg. Co. ("Erie"), Erie, Pa.  
 Eureka Co. ("Eureka"), Rock Falls, Ill.  
 Forschler Motor Truck Co., New Orleans, La.  
 Fruehauf Trailer Co., 1371 Gratiot av, Detroit, Mich.  
 Hessner Henry & Son, 62 Gerry, Brooklyn, N. Y.  
 Kentucky Wagon Mfg. Co., Louisville, Ky.  
 Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

Lansing Wagon Works, Lansing, Mich.  
 Laros D. A. & Sons Co., Grinnell, Ia.  
 Lee Loader & Body Co. (Semi-Trailers), 2343 S La Salle, Chicago, Ill.  
 Lion Buggy Co. ("Lion"), C. H. & D. R., nr. Gest, Cincinnati, O.  
 Martin Carriage Works ("Martin"), York, Pa.  
 Martin Rocking Fifth Wheel Co., Springfield, Mass.  
 Miami Trailer Co., Troy, Ohio  
 Michigan Auto Trailer Co., 224 21st, Detroit, Mich.  
 Michigan Trailer Co., Kalamazoo, Mich.  
 Miles Mfg. Co. ("Jackson"), Jackson, Mich.

Nagle John C., 431 Baker, Detroit, Mich.  
 Nonpareil Mfg. Co. ("Nonpareil"), Cochran, Pa.  
 Northway Trailer Car Co., East Rochester, N. Y.  
 Ohio Trailer Co., 51 Doan av, Cleveland, O.  
 Parry Mfg. Co. ("Parry"), Indianapolis, Ind.  
 Press Jacob Sons, 300 N Halsted, Chicago, Ill.  
 Randolph H. C. ("Randolph"), Jonesville, Mich.

Rochester Trailer Car, East Rochester, N. Y.  
 Rogers Bros. Co. ("Rogers"), Albion, Pa.  
 Sechler & Co. ("Trailmobile"), 533 E 5th, Cincinnati, O.  
 Shadbolt Mfg. Co., 68 Flushing av, Brooklyn, N. Y.  
 Sherwood Bros. Mfg. Co., Canastota, N. Y.  
 Simplex Short Turn Trailer Co., Auburn, Ind.  
 Sior Heinrich, 245 Floyd, Brooklyn, N. Y.

#### 15993-4—Trucks (Aerial)

American-La France Fire Engine Co., Elmira, N. Y.  
 Seagrave Co. (Motor Only), Columbus, O.

#### 15995—Trucks (Ash Can)

Browne W. G. Mfg. Co. ("Handy"), Kingston, N. Y.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
 Eureka Mower Co., 16 Hickory, Utica, N. Y.  
 Fairbanks Co., 416 Broome, New York

#### 15996—Trucks (Assembling)

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
 Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.  
 Towsley J. T. Mfg. Co., Cincinnati, O.

#### 15997—Trucks (Automatic Loading)

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
 Cowan Truck Co., Holyoke, Mass.  
 National Scale Co. ("National Chapman"), 11 Hendricks, Chicopee Falls, Mass.  
 Plimpton Elevating Truck Co., 70 5th av, New York

#### 15998—Trucks (Automobile Wrecking)

Weaver Mfg. Co. ("Weaver" Auto Ambulance), Springfield, Ill.

#### 15999—Trucks (Bag Holder)

Stevens Mfg. & Foundry Co., Decatur, Ill.

#### 16000—Trucks (Bag & Barrel)

Adams Co. (Iron), Dubuque, Ia.  
 Armstrong Truck Co. (2 & 4 Wheel), North Wales, Pa.  
 Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*  
 Barnard & Leas Mfg. Co., Moline, Ill.  
 Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Bowser N. P. Co. (Bag Holding Only), South Bend, Ind.  
 Buch's A. Sons Co., Elizabethtown, Pa.  
 Cardington Cabinet Co. ("Handy"), Cardington, O.  
 Chicago Scale Co., 7740 S Chicago av, Chicago, Ill.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
 Comstock Geo. S. & Son (Bag), Mechanicsburg, Pa.  
 Conner J. W. & Son (Bag), Orangeville, Pa.  
 Defiance Box Co., Defiance, O.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Eureka Mower Co., 16 Hickory, Utica, N. Y.

Fairbanks Co., 416 Broome, New York  
 Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
 Farquhar A. B. Co. (Ltd.), York, Pa.  
 Howe Scale Co., Rutland, Vt.  
 Kilbourne & Jacobs Mfg. Co., Columbus, Ohio

Knowles Scale Works (Ash Barrel Cans), Lowell, Mass.  
 Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*  
 Lansing Co., Lansing, Mich.  
 Lehr Agricultural Co., Fremont, O.  
 McKinney Mfg. Co., Pittsburgh, Pa.  
 Messinger Mfg. Co., Tatamy, Pa.  
 Nutting Truck Co. (2, 4 & 6 Wheeled), Faribault, Minn.

Peck Hardware Mfg. Co. (Automatic Barrel), Berlin, Wis.  
 Phillips Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.  
 Rome Scale & Mfg. Co., Rome, Ga.  
 Sprout, Waldron & Co. (Bag), Muncy, Pa.  
 Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.

Syracuse Chilled Plow Co., Syracuse, N. Y.  
 Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

Universal Machine Co. (2 Wheel Hand), Bowling Green, O.  
 Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.

Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
 Wolf Co., Chambersburg, Pa.  
 Wrightsville Hardware Co. (Bag), Wrightsville, Pa.  
 Zering H. Mfg. Co., Cincinnati, O.



**16001— Trucks (Baggage)**

Ames Plow Co., Quincy Hall, Boston, Mass.  
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.  
Bryan Mfg. Co., P. O. Box D, Bryan, O.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
Elwell-Parker Electric Co. (Electric), Cleveland, O.  
Fairbanks Co., 416 Broome, New York  
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
Farquhar A. B. Co. (Ltd.), York, Pa.  
Fox Z. F. & Son, Freeport, Mich.  
Howe Scale Co., Rutland, Vt.  
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*  
Kalamazoo Railway Supply Co. (Also Railroad Warehouse), Kalamazoo, Mich.  
Lansing Co., Lansing, Mich.  
Nutting Truck Co., Faribault, Minn.  
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.  
Rome Scale & Mfg. Co., Rome, Ga.  
Standard Scale & Supply Co., The, 1631 Liberty av, Pittsburgh, Pa.  
Syracuse Chilled Plow Co., Syracuse, N. Y.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.  
Zering H. Mfg. Co., Cincinnati, O.

**16002—\*Trucks (Barrel, Steel)**

**OHIO MFG. CO.**, P. O. Box 358, Painesville, O. *See adv index at end of book*

**16003— Trucks (Basket)**

Kilbourne & Jacobs Mfg. Co., Columbus, O.  
Nutting Truck Co., Faribault, Minn.  
Peerless Wire Goods Co. (Wire), Lafayette, Ind.  
Peru Basket Co. (Bamboo Truck, Rubber Tired Wheels), Peru, Ind.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.  
Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
Zering H. Mfg. Co., Cincinnati, O.

**16004—Trucks (Binder & Header)**

Johnston Harvester Co. (Binder), Batavia, N. Y.  
Moline Plow Co. (Binder), Moline, Ill.  
Winona Wagon Co. (Header), Winona, Minn.

**16005— Trucks (Bottlers')****CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
Fairbanks Co., 416 Broome, New York  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

**16006— Trucks (Box)**

Allsteelquip Co., Aurora, Ill.  
Armstrong Truck Co., North Wales, Pa.  
Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
Cleveland Wire Spring Co. (Steel), Cleveland, O.  
Dail Steel Products Co. (Steel), Lansing, Mich.  
Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.  
Easton Car & Construction Co., 4th st, Easton, Pa.  
**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*  
Fairbanks Co., 416 Broome, New York  
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
Farquhar A. B. Co. (Ltd.), York, Pa.  
Globe Vise & Truck Co., Grand Rapids, Mich.  
Howe Scale Co., Rutland, Vt.  
Kantslip Co. (Steel & Wood), Freeport, Mich.  
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*  
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
McKinney Mfg. Co., N S, Pittsburgh, Pa.  
Nutting Truck Co., Faribault, Minn.  
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.  
Plocher Andrew Sons Co. ("Gem" & Steel Timber or Contractors' Dolly), Dayton, Ohio  
Standard, The, Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.  
Zering H. Mfg. Co., Cincinnati, O.

**16007— Trucks (Brick)**

American Clay Machinery Co., S Walnut, Bucyrus, O.  
Anderson Foundry & Mach. Works, Anderson, Ind.  
Arnold-Creager Co., New London, O.  
Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
Atlas Engineering Co., Amherst, Ohio  
*See adv index at end of book*  
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*  
Easton Car & Construction Co., 4th st, Easton, Pa.  
Fairbanks Co., 416 Broome, New York  
Fernholtz Brick Machinery Co., Boyle & Vandeventer av, St. Louis, Mo.  
International Clay Machy. Co., Dayton, O.  
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
Nutting Truck Co., Faribault, Minn.  
Potts C. & A. & Co., Indianapolis, Ind.  
Steele J. C. & Sons, Statesville, N. C.  
Wellington Machine Co., Wellington, O.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

**16009— Trucks (Canvas)**

Lane W. T. & Bro. (Canvas with Steel Frame), Poughkeepsie, N. Y.

**16010—Trucks (Car, Steam & Electric)**

American Steel Foundries (Steam), Commercial McCormick bldg, Chicago, Ill.  
Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
Baldwin Locomotive Works (Steam & Electric), 500 N Broad, Phila., Pa.  
Baltimore Car-Wheel Co. ("Lord Baltimore"), Fulton Station, Baltimore, Md.  
Barney & Smith Car Co., Dayton, O.  
Bemis Car Truck Co., Springfield, Mass.  
Bettendorf Co. (All Steel for Steam Roads Only), Bettendorf, Ia.  
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.  
Brill J. G. Co. ("Perfect," "Universal," "Ideal," "Eureka"), 62d & Woodland av, Phila., Pa.  
**Cambria Steel Co.**, Widener bldg, Phila., Pa.

Cincinnati Car Co., Spring Grove & Mitchell av, Cincinnati, O.  
Commonwealth Steel Co. (Cast Steel, Four or Six-Wheel Truck Frame in One Piece), Pierce bldg, St. Louis, Mo.  
Kuhlman G. C. Car Co., Adams av & L. S. & M. S. Ry., Collingswood, Cleveland, O.

Laconia Car Co. (Electric), 60 Congress, Boston, Mass. Works: Laconia, N. H.  
Lakewood Engineering Co. (Electric), Cleveland, O.  
*See adv index at end of book*

Long E. G. Co. ("Peckham," "Diamond"), 50 Church, New York  
McGuire-Cummings Mfg. Co. ("Columbia," Electric, etc), Harris Trust & Savings bldg, Chicago, Ill.  
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

Standard Car Truck Co. ("Barber" Roller-Bearing Passenger, Electric & Freight Car, Locomotive Tender, etc), 332 S Mich. av, Chicago, Ill.

Standard Motor Truck Co., Frick bldg, Pittsburgh, Pa.

Standard Steel Car Co. (Steel Frames & Underframes for Wooden Cars), A. V. R. R., Pittsburgh, Pa.

Taylor Electric Truck Co. ("Empire State"), Troy, N. Y.

Turl Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.  
Valley Forging Co., Verona, Pa.  
Wason Mfg. Co., Springfield, Mass.  
Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

**16011—\*Trucks (Concrete Mixer)**

**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*

**16012—\*Trucks (Core Oven)**

**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.

**16013— Trucks (Dolly)**

Sterling Wheelbarrow Co. ("Sterling"), Milwaukee, Wis.

**16014— Trucks (Dry Goods)**

*See Trucks, Store, Warehouse & Factory*

**16015— Trucks (Dry Kiln)**

American Blower Co., 1400 Russell, Detroit, Mich.  
Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
Easton Car & Construction Co., 4th st, Easton, Pa.  
Fairbanks Co., 416 Broome, New York  
Glascok Stove & Mfg. Co. (Steel Frame, Roller Bearing), Greensboro, N. C.  
Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*  
Lansing Co., Lansing, Mich.  
Michigan Truck & Lumber Co. ("Michigan"), Holly, Mich.  
North Coast Dry Kiln Co., Seattle, Wash.  
Nutting Truck Co., Faribault, Minn.  
**STURTEVANT B. F. CO.**, ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*  
Union Iron Works Co., Selma, Ala.  
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.  
Youngstown Steel Car Co., Youngstown, O.

**16015a—\*Trucks (Drying)****CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.

**16016—Trucks (Dye House)****CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
Fairbanks Co., 416 Broome, New York  
Zering H. Mfg. Co., Cincinnati, O.

**16017— Trucks (Elevating)**

Barrett-Cravens Co., 732 Federal, Chicago, Ill.

**CAMERON ENGINEERING CO.**, East Stroudsburg, Pa.

*See adv index at end of book*

**CHASE FOUNDRY & MFG. CO.**, ("Chase") 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.

Columbus Lift Truck Co., Columbus, O.

National Scale Co. ("National Chapman"), 11 Hendricks, Chicopee Falls, Mass.

New Jersey Foundry & Machine Co., 89 West, New York

Plimpton Elevating Truck, 70 5th av, New York  
**Stuebing Truck Co.**, Cincinnati, O.

Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.

**16018— Trucks (Farm)**

Abingdon Wagon Co. ("Abingdon," "Superior," "Model," "Commonwealth," "Sturdy"), Abingdon, Ill.  
Appleton Mfg. Co. ("Appleton" Metal Wheel, Batavia, Ill.  
Clark J. L. Carriage Co., Oshkosh, Wis.  
Dakota Plow & Wagon Co., Sioux Falls, S. D.



Deere John Wagon Works, Moline, Ill.  
**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*  
 Emerson-Brantingham Co. ("Sandow," "Newton"), Rockford, Ill.  
 Empire Mfg. Co., Quincy, Ill.  
 Fort Smith Wagon Co., Fort Smith, Ark.  
 Havana Metal Wheel Co., Havana, Ill.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, 702 Harvester bldg., Chicago, Ill.  
*See adv index at end of book*  
 Keller Mfg. Co., 1325 N E Quincy, Minneapolis, Minn.  
 King & Hamilton Co., Ottawa, Ill.  
 Little J. R. Metal Wheel Co., Quincy, Ill.  
 Milburn Wagon Co., Toledo, O.  
 Pekin Wagon Co., Pekin, Ill.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Stickney Chas. A. Co. (Portable, Hand & Horse Drawn), Fillmore & Starkey, St. Paul, Minn.  
 Tiffin Wagon Co., Tiffin, O.  
 Turnbull Wagon Co. ("Dandy," "Best Yet"), Defiance, O.  
 Winona Wagon Co., Winona, Minn.

### 16019-20— Trucks (Feed)

James Mfg. Co. ("James"), Ft. Atkinson, Wis.  
 Libby C. A. Co., Oshkosh, Wis.

### Trucks (Fibre)

*See Trucks, Mill*

### 16021— Trucks (Foundry)

Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Buda Co., Railway Exch. bldg., Chicago, Ill.  
 Chase Foundry & Mfg. Co., 2700 Parsons av., Columbus, O.  
*See adv index at end of book*

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.  
 Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
 Easton Car & Construction Co., 4th st, Easton, Pa.  
**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*  
 Fairbanks Co., 416 Broome, New York  
**HUNT C. W. CO.**, West New Brighton, N. Y. *See adv index at end of book*  
 Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich.  
*See adv index at end of book*

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.  
 Russel Wheel & Foundry Co., Detroit, Mich.  
 Sheffield Car Co., Three Rivers, Mich.  
 Standard, The, Scale & Supply Co., 1631 Liberty av., Pittsburgh, Pa.  
 Sterling Wheelbarrow Co. ("Sterling" Foundry & Pig Iron), Milwaukee, Wis.  
 Western Wheelbarrow Mfg Co., South Fort Smith, Ark.  
 Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
 Whiting Foundry Equipment Co., Harvey, Ill.  
 Youngstown Steel Car Co., Youngstown, O.

### Trucks (Freight)

*See Wagons, Freight, Teaming, etc.*

### 16022— Trucks (Galvanized Iron Tank)

Armstrong Truck Co., North Wales, Pa.

### 16022a— Trucks (Gasoline Engine)

**ELECTRIC WHEEL CO.** ("Electric" Steel), Station D, Quincy, Ill.  
*See adv index at end of book*  
 Empire Mfg. Co., Quincy, Ill.  
 Little J. R. Metal Wheel Co. (Steel Trucks), Quincy, Ill.  
 Milwaukee Locomotive Mfg. Co. (Industrial), ft. Bellevue pl, Milwaukee, Wis.  
 Peru Plow & Wheel Co., Peru, Ill.  
 Wagner Mfg. Co. ("Wagner," 1 to 2½ H. P.), Cedar Falls, Ia.

### Trucks (Gasoline Motor)

For Complete List of Gasoline Motor Trucks see Automobile Builders and Consult References Under That Head

### 16024— Trucks (Hook & Ladder)

American-La France Fire Engine Co. (Extension, etc), Elmira, N. Y.  
 Anderson Coupling & Fire Supply Co., Kansas City, Kans.  
 Howe Engine Co., Indianapolis, Ind.  
 Northern Fire Apparatus Co., 2422 Union av. S. E., Minneapolis, Minn.  
 Perkins C. N. Co., Lawrence, Mass.  
 Pirsch, Peter & Co., Kenosha, Wis.  
 Portland Ladder Co., 130 Orange, Newark, N. J.  
 Prospect Mfg. Co., Prospect, O.  
 Seagrave Co., Columbus, O.  
 South Bend Motor Car Works, South Bend, Ind.  
 Stewart A. F., Rochester, N. Y.

### 16025— Trucks (Ice)

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.  
 Columbus Iron Works (Combined Portable Hand Hoist & Truck), Columbus, Ga.

Triumph Ice Machine Co. (Combined Portable Hand Hoist & Truck), Oakley, Cincinnati, O.

### 16026— Trucks (Ingot)

*See also Trucks, Rolling Mill*

Easton Car & Construction Co., 4th st, Easton, Pa.

**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich.

*See adv index at end of book*

Weimer Machine Works Co., Lebanon, Pa.  
 Youngstown Steel Car Co., Youngstown, Ohio.

### 16027— Trucks (Laundry)

Armstrong Truck Co. (Canvas or Wood) North Wales, Pa.  
 Butler Basket Co. (Slab Bamboo), Butler, Ind.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

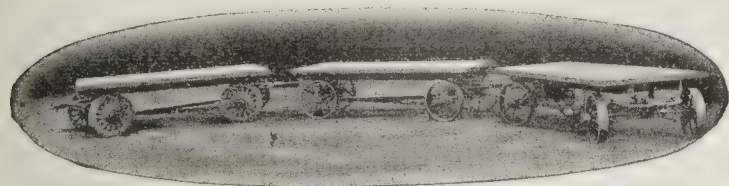
Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.

### 16028— Trucks (Logging & Lumber)

American Sawmill Machinery Co. (Lumber), Hackettstown, N. J.  
 Archer Iron Works, 2436 W 34th pl, Chicago, Ill.  
 Atkins E. C. & Co., Indianapolis, Ind.  
 Atlas Car & Mfg. Co. Cleveland, O.  
*See adv index at end of book*  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Bain Wagon Co., Kenosha, Wis., Cleveland, O.  
 Chase Foundry & Mfg. Co., 2700 Parsons av., Columbus, O.  
*See adv index at end of book*  
 Chickasaw Mach. & Fdry. Co., Memphis Tenn.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
 Easton Car & Construction Co., 4th st, Easton, Pa.  
**ELECTRIC WHEEL CO.** ("Electric"), Station D, Quincy, Ill.  
*See adv index at end of book*  
 Empire Mfg. Co., Quincy, Ill.  
 Fairbanks Co., 416 Broome, New York  
 Ft. Smith Wagon Co. (Also Teaming), Ft. Smith, Ark.  
 Glascock Stove & Mfg. Co. (Lumber), Greensboro, N. C.  
**HUNT C. W. CO.**, West New Brighton, N. Y. *See adv index at end of book*  
 Huntsville Fdry. & Mach. Co., Huntsville, Ala.  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, 702 Harvester bldg., Chicago, Ill.  
*See adv index at end of book*  
 Kanawha Mine Car Co., Charleston, W. Va.  
 Kilbourne & Jacobs Mfg. Co., Columbus, O.  
 Kramer Wagon Co., Oil City, Pa.  
 Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*



TRAILERS FOR INDUSTRIAL TRACTORS

to suit individual requirements. Trailers for use with Industrial Motor Trucks in factories, warehouses, railway terminals, etc. Also complete line of Farm and Handy Wagons, Contractors' Dump Carts, Log Carts, Log Wagons, Heavy Freight-

ing Cars for team or traction power, Warehouse and Factory Trucks and Wood and Steel Axles. GASOLINE TRACTION ENGINE for plowing, hauling and threshing.

**ELECTRIC WHEEL COMPANY**

Station D QUINCY, ILL., U. S. A.



## PORTABLE MACHINERY MOUNTINGS TRUCKS—WHEELS—AXLES

Trucks for mounting all kinds of special machinery, Engines, Mixers, Boilers, Crushers, Compressors, etc., designed and built



Lane Mfg. Co., Montpelier, Vt.  
Lansing Wagon Works, Lansing, Mich.  
Luedinghaus-Espenschler Wagon Co., 1717 N. B'way, St. Louis, Mo.  
Lyon Iron Works, Greene, N. Y.  
Michigan Truck & Lumber Co. (Roller Bearing Yard Truck), Holly, Mich.  
Milburn Wagon Co., Toledo, O.  
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.  
North Coast Dry Kiln Co., Seattle, Wash.  
Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

## ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco  
Oshkosh Mfg. Co., Oshkosh, Wis.  
Pekin Wagon Co., Pekin, Ill.  
Russel Wheel & Foundry Co., Detroit, Mich.  
Sanford-Day Iron Works, Knoxville, Tenn.  
Southern Engine & Boiler Works, Jackson, Tenn.  
Standard Saw Mill Machinery Co., Erie, Pa.  
Strait H. N. Mfg. Co., Kansas City, Mo.  
Streich A. & Bro. Co., Oshkosh, Wis.  
Towsley John T. Mfg. Co. (Lumber), Cincinnati, O.  
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.

### 16029— Trucks (Mill)

American Vulcanized Fibre Co. ("Laminar" Dept.), 504 Equitable bldg, Wilmington, Del.  
Burlington Basket Co. (Rattan & Splint), Burlington, Ia.  
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

## CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.  
Columbus Truck & Supply Mfg. Co. (Dofing & Roving), Columbus, Ga.  
**DELAWARE HARD FIBRE CO.** (Hard Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*  
**Diamond State Fibre Co.** (Hard Fibre), Elsmere, Del.  
Easton Car & Construction Co., 4th st, Easton, Pa.  
Fairbanks Co., 416 Broome, New York  
Morris & Co., Groveville, N. J.  
Spaulding J. & Sons Co. (Fibre), North Rochester, N. H.  
Standard Fibre Co. (Fibre), Miller, Somerville, Mass.  
Wilson Andrew Co., 616 Essex, Lawrence, Mass. *See adv index at end of book*

### 16030— Trucks (Motor)

American Machine Co., Newark, Del.  
Bowling Green Motor Truck Co., Bowling Green, O.  
**CHICAGO PNEUMATIC TOOL CO.** ("Little Giant"), Fisher bldg, Chicago, Ill. *See adv index at end of book*  
**INTERNATIONAL HARVESTER COMPANY OF AMERICA (INC.)**, (International Motor Trucks), 702 Harvester bldg, Chicago, Ill. *See adv index at end of book*  
International Motor Co. ("Mack," "Saurer" & "Hewitt," from 1500 lbs. to 10 tons' capacity), 252 W 64th, New York  
**MERCHANT & EVANS CO.**, (Gasoline) 2035 Washington av, Philadelphia, Pa. *See adv index at end of book*  
Parsons Specialty & Machine Works (Ammunition Trucks), 2427 N 4th, Phila., Pa.

### 16031— Trucks (Moving)

Grover File Co. (A Combination of Independent Rolls & Crowbars for Moving Heavy & Bulky Bodies), Nashua, N. H.

### 16032— Trucks (Packers')

Armstrong Truck Co., North Wales, Pa.  
Baltimore Cooperage Co., The (For Butchers' & Packers'), cor Hanover & Creek, Baltimore, Md.  
Brecht Co., 1201 Cass av, St. Louis, Mo.

## CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.  
Defiance Box Co., Defiance, O.  
Fairbanks Co., 416 Broome, New York  
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
Rome Scale & Mfg. Co., Rome, Ga.  
Standard Scale & Supply Co. ("The Standard"), 1631 Liberty av, Pittsburgh, Pa.  
Sterling Wheelbarrow Co. ("Sterling" Sanitary), Milwaukee, Wis.  
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.

### 16033— Trucks (Paper Mill)

Armstrong Truck Co., North Wales, Pa.  
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

## CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co. ("Clark") Windsor Locks, Conn.  
Kantlip Co. (Steel & Wood), Freeport, Mich.

### 16034— Trucks (Pipe)

Easton Car & Construction Co., 4th st, Easton, Pa.  
Fairbanks Co., 416 Broome, New York  
**HUNT C. W. CO.**, West New Brighton, N. Y. *See adv index at end of book*

## ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco.  
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.  
Youngstown Steel Car Co., Youngstown, Ohio

### 16035— Trucks (Plate Glass)

National Roll & Foundry Co. (Transfer), Avonmore, Pa.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

### 16036— Trucks (Platform)

Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

## CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark G. P. Co., Windsor Locks, Conn.  
Easton Car & Construction Co., 4th, Easton, Pa.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*  
Fairbanks Co., 416 Broome, New York  
Pressed Steel Truck Co. ("Atlas"), 844 Penna. av, Pittsburgh, Pa.  
Rome Scale & Mfg. Co., Rome, Ga.  
Standard Improved Truck Co., 20 W Jackson blvd, Chicago, Ill.

### 16036a— \*Trucks (Portable)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*

### 16037— Trucks (Printers' Form)

Armstrong Truck Co., North Wales, Pa.  
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

### 16038— Trucks (Publishers' Packing)

Armstrong Truck Co., North Wales, Pa.

### 16039— Trucks (Radiator)

Buell Bros., Fulton, N. Y.  
Lansing Co. ("Reynolds"), Lansing, Mich.  
U. S. Radiator Corp. ("Capitol"), Broadway & Grand River, Detroit, Mich.

### 16040— Trucks (Roll Paper)

**CHASE FOUNDRY & MFG. CO.**, 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

## CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
Illinois Iron & Bolt Co. ("Hercules" All Steel), Carpentersville, Ill.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

### 16041— Trucks (Rolling Mill)

*See also Trucks, Foundry*  
Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*  
**CHASE FOUNDRY & MFG. CO.**, 2700 Parsons av, Columbus, O. *See adv index at end of book*  
Easton Car & Construction Co., 4th st, Easton, Pa.  
Fairbanks Co., 416 Broome, New York  
Hockensmith Wheel & Mine Car Co. (Angle Bar), Penn Station, Pa.  
Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*  
Kilbourne & Jacobs Mfg. Co., Columbus, O.  
Lansing Co., Lansing, Mich.  
Morgan Construction Co., Worcester, Mass.  
**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich. *See adv index at end of book*

## ORENSTEIN-ARTHUR KOPPEL CO.

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco.  
Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.  
Spicer Mfg. Co., New Philadelphia, O.  
Weimer Machine Works Co. ("Weimer"), Lebanon, Pa.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

### 16042— Trucks (Scoop)

Detroit Scoop Truck Co. (For Handling Sand, Coal & Broken Stone), 2225 Jefferson av, W Detroit, Mich.  
Lansing Co. ("Climax"), Lansing, Mich.

### Trucks (Sheet Iron)

*See Trucks, Rolling Mill*

### 16043— Trucks (Slag)

Traylor Engineering & Mfg. Co. (Elliptical Bowl), Allentown, Pa.  
Youngstown Steel Car Co., Youngstown, O.

### 16044— Trucks (Slate Quarry)

Flory S. Mfg. Co., Bangor, Pa.

### 16045-6— Trucks (Steel, Factory, Etc.)

Angle Steel Stool Co., Otsego, Mich.  
Bernstein Mfg. Co., 3d & Westmoreland av, Phila., Pa.  
**CAMERON ENGINEERING CO.**, East Stroudsburg, Pa. *See adv index at end of book*

## CLARK'S THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., ("Clark") Windsor Locks, Conn.  
Cleveland Wire Spring Co. (Barrel), Cleveland, O.  
Dexter Metal Mfg. Co., 93 Arch, Camden, N. J.  
Easton Car & Construction Co., 4th st, Easton, Pa.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*  
**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*  
Globe Vise & Truck Co., Grand Rapids, Mich.  
Illinois Iron & Bolt Co. ("Hercules" All Steel for Railroad, Mill, etc), Carpentersville, Ill.  
Library Bureau (Office), 43 Federal, Boston, Mass.  
New Britain Machine Co. ("New Britain," 2 & 3 Tray), 190 Chestnut, New Britain, Conn.



Ohio Galvanizing & Mfg. Co., Niles, O.  
Van Dorn Iron Works Co. (Steel Drying & Bread Trucks), 2700 E 79th, Cleveland, O.  
Western Wheelbarrow Mfg. Co., South Ft. Smith, Ark.

### Trucks (Steel, Gasoline Engine)

See Trucks, Gasoline Engine

### 16047—Trucks (Storage Battery)

Anderson Electric Car Co., Milwaukee Jct., Detroit, Mich.  
Atlantic Elec. Vehicle Co., 893 Frelinghuysen av, Newark, N. J.  
Atlas Car & Mfg. Co. (Warehouse, Baggage & Factory), Cleveland, O.  
*See adv index at end of book*  
Automatic Transportation Co., 2933 Main, Buffalo, N. Y.  
Bailey & Co., Amesbury, Mass.  
Baker R. & L. Co., 7100 Euclid av, Cleveland, O.  
Beaver Motor Truck Co., Portland, Ore.  
Buda Co., Railway Exch. bldg, Chicago, Ill.  
Capital Elec. Car Co., Denver, Colo.  
Century Mfg. Co., 11 Ferry av, W., Detroit, Mich.  
Champion Wagon Co., Oswego, N. Y.  
Chase Motor Truck Co., Syracuse, N. Y.  
Commercial Truck Co. of Am., 27th & Brown, Phila., Pa.  
Couple-Gear Co., Grand Rapids, Mich.  
Cowan Truck Co., Dorchester, Mass.  
Dayton Elec. Car Co., Dayton, O.  
Dey Elec. Corp., 1834 B'way, New York  
Elwell-Parker Electric Co., Cleveland, O.  
Fritchie Auto & Bat. Co., Denver, Colo.  
Galion Dynamic Motor Truck Co., Galion, Ohio  
Gas-Elec. Motorbus Corp., 20th & Av B, New York  
Gen. Motors Truck Co., Pontiac, Mich.  
General Vehicle Co., Long Island City, N. Y.  
Grinnell Elec. Car Co., 467 Wood av, Detroit, Mich.  
Healey & Co., 1658 B'way, New York  
Hoagland-Thayer Inc., 300 Washington, Newark, N. J.  
**HUNT C. W. CO.,** West New Brighton, N. Y. *See adv index at end of book*

Milburn Wagon Co., 2 Summit & Elm, Toledo, O.  
Moore Sam'l L. & Sons Corp., Elizabeth, N. J.  
Ohio Electric Car Co., Auburn & W Bancroft, Toledo, O.  
R. C. H. Corp., 33 Woodbridge, E., Detroit, Mich.  
Sprague Elec. Works, 527 W 34th, New York  
Stetson-Ross Mach. Wks., Seattle, Wash.  
Stott E. B. & Co., 461 8th av, New York  
Walker Vehicle Co., W 39th & Wallace, Chicago, Ill.  
Ward Motor Vehicle Co., Mt. Vernon, N. Y.  
Waverly Co., 139 S East, Indianapolis, Ind.  
Woods Motor Vehicle Co., 2500 Cottage Grove av, Chicago, Ill.

### 16048—\*Trucks (Storage Battery, Electromobile)

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

### 16049—Trucks (Store, Warehouse & Factory)

Aermotor Co., Campbell & 12th, Chicago, Ill.  
Armstrong Truck Co., North Wales, Pa.  
Ashboro Wheelbarrow Co., Ashboro, N. C.  
Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
Baltimore Cooperage Co., The, cor Hanover & Creek, Baltimore, Md.  
Belcher & Taylor Agl. Tool Co., Chicopee Falls, Mass.  
Bommer Bros., 270 Willoughby av, Brooklyn, N. Y.  
Brown Truck Mfg. Co., Ralston, Neb.  
Bryan Mfg. Co., P. O. Box D, Bryan, O.  
Buda Co., Ry. Exch. bldg, Chicago, Ill.  
Chaffee Bros. Co., Oxford, Mass.  
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*  
Chattanooga Car & Foundry Co., Chattanooga, Tenn.  
Chattanooga Wheelbarrow Co. (Grocery & Wheel), Chattanooga, Tenn.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark Geo. P. Co., Windsor Locks, Conn.  
Columbian Mail Crane Co. ("Columbian" Steel), Columbus, O.  
Cummings Josiah & Son, ("Hub" Fibre), 657 Atlantic av, Boston, Mass.  
Defiance Box Co., Defiance, O.  
Dexter Metal Mfg. Co., (Steel) 93 Arch, Camden, N. J.  
Diamond Machine Co., ("Diamond" Factory) 3rd & Vine, Cincinnati, O.  
**EDWARDS MFG. CO.,** 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
Farquhar A. B. Co. (Ltd.), York, Pa.  
Fairbanks, Morse & Co., 900 S Wabash av, Chicago, Ill.  
Fairbanks Co., 416 Broome, New York  
Fox Z. F. & Son ("Fox"), Freeport, Mich.  
Glascock Stove & Mfg. Co., Greensboro, N. C.  
Globe Vise & Truck Co., Grand Rapids, Mich.  
Grammes L. F. & Sons, Allentown, Pa.  
Grand Rapids Hand Screw Co., Grand Rapids, Mich.  
Grote F. Mfg. Co. (Tobacco Factories), Evansville, Ind.  
Howe Scale Co., Rutland, Vt.  
Illinois Iron & Bolt Co. ("Hercules" All Steel), Carpentersville, Ill.  
Johnson & Hibbard, Westfield, Mass.  
Kantslip Co., Freeport, Mich.  
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio

**LAKEWOOD ENGINEERING CO.,** Cleveland, O. *See adv index at end of book*  
Lansing Co. ("Reynold's Improved"), Lansing, Mich.  
Leatheroid Mfg. Co., Kennebunk, Me.  
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.

Merrimac Foundry & Machine Co., Lawrence, Mass.  
Messinger Mfg. Co., Tatamy, Pa.  
Michigan Truck & Lumber Co., Holly, Mich.  
Miller Incline Truck Co. (Incline), 561 W 57th, New York  
Norwich Wire Works, Norwich, N. Y.  
Nutting Truck Co., Fairbault, Minn.  
Oliver Machinery Co., Grand Rapids, Mich.  
Packer Thos. ("Bristol's"), Union City, Conn.  
Peck Hardware Mfg. Co. (Automatic), Berlin, Wis.  
Phillips, Doup & Co. ("National"), 60 Pearl, Brooklyn, N. Y.  
Puffer-Hubbard Mfg. Co., 32nd av, S & 26th, Minneapolis, Minn.  
Rome Scale & Mfg. Co. ("Daisy"), Rome, Ga.  
Rowe Henry Mfg. Co., Newaygo, Mich.  
St. Louis Truck & Mfg. Co., 3200 N. Hall, St. Louis, Mo.  
Schraver O. P. & Co. ("I. X. L."), Cincinnati, O.  
Southern Plow Co. ("Handy"), Columbus, Ga.  
Spicer Mfg. Co., New Philadelphia, O.  
Standard Improved Truck Co., 20 W Jackson blvd, Chicago, Ill.  
Standard Scale & Supply Co. ("The Standard" Pressed Steel), 1631 Liberty av, Pittsburgh, Pa.  
Sterling Wheelbarrow Co., Milwaukee, Wis.  
Streich A. & Bro. Co., Oshkosh, Wis.  
Swift Mfg. Co., Waterloo, Ia.  
Syracuse Chilled Plow Co., Syracuse, N. Y.  
Tanner D. F., Holland, N. Y.  
Towsley John T. Mfg. Co., Cincinnati, O.  
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.  
Westbrook Elevator Co., Danville, Va.  
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.  
Whitehurst R. W. Mfg. Corp., Norfolk, Va.  
Zering H. Mfg. Co., Cincinnati, O.

### 16050— Trucks (Stove)

Arcade Mfg. Co. ("Baltzy" Steel, "Standard" Adjustable & "Perfect" Steel), Freeport, Ill.  
Chicago Hardware Foundry Co. ("Harper Handy"), 546 W Washington, N Chicago, Ill.

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT.

Clark George P. Co., Windsor Locks, Conn.  
Hill C. V. & Co., Trenton, N. J.  
Howes S. M. Co., 42 Union, Boston, Mass.  
Kilbourne & Jacobs Mfg. Co., Columbus, O.  
Kramer Bros. Foundry Co., Dayton, O.  
Mersick C. S. & Co., New Haven, Conn.  
Tucker & Dorsey Mfg. Co. ("Daisy"), Indianapolis, Ind.  
Universal Caster & Foundry Co. ("Universal" Ball Bearing), 574 Ferry, Newark, N. J.  
Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.  
Whitehurst R. W. Mfg. Corp., Norfolk, Va.

### 16051—\*Trucks (Tote Box)

Ohio Mfg. Co., P. O. Box 358, Painesville, Ohio *See adv index at end of book*

### 16051a—\*Trucks (Tractor, Gasoline)

Knox Motors Co. ("Knox"), Springfield, Mass.  
**MERCHANT & EVANS CO.,** 2035 Washington av, Philadelphia, Pa.  
*See adv index at end of book*

### 16051b—\*Trucks (Transfer)

Chase Foundry & Mfg. Co., 2700 Parsons av Columbus, O.  
*See adv index at end of book*

**Trucks (Transfer, Handle-Elevated)**  
See Trucks, Automatic Loading

### 16052— Trucks (Triangular)

Fairbanks Company, 416 Broome, New York



### HUNT STORAGE BATTERY INDUSTRIAL TRUCK

Designed to take the place of hand trucks in manufacturing establishments, railroad terminals, steamship piers, etc. The truck is easily operated by one man—is rugged, simple in design and reliable.

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**C. W. HUNT CO., Inc.**

West New Brighton, N. Y., U. S. A.

*See adv. index & branch offices end of book*

Ky. Wagon Mfg. Co., 3d & K, Louisville, Ky.  
Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*  
Lansden Co., 2211 Nostrand av, Brooklyn, N. Y.  
Lansing Co., Lansing, Mich.  
Mercury Mfg. Co., 4118 S Halstead, Chicago, Ill.

Ky. Wagon Mfg. Co., 3d & K, Louisville, Ky.  
Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*  
Lansing Co. ("Reynold's Improved"), Lansing, Mich.  
Leatheroid Mfg. Co., Kennebunk, Me.  
Lyon Metallic Mfg. Co. ("Lyon" Steel), Aurora, Ill.  
Menasha Wood Split Pulley Co. ("Lawson"), Menasha, Wis.



**16053-4—Trucks (Varnish Kettle)**

Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Frelinger J. G. Iron Works, (Roller Bearing), 115 W 2nd, Cincinnati, O.  
 Littleford Bros., 444 E Pearl Cincinnati, O.  
 Quaker City Iron Works, Tioga & Edgemont, Phila., Pa.

**Trucks (Warehouse)**

See Trucks, Store, Factory & Warehouse

**16055—Trucks (Wire Mill)**

Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*  
 Bates Machine Co., Joliet, Ill.  
 Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

**LAKEWOOD ENGINEERING CO.**, Cleveland, O. *See adv index at end of book*  
 Morgan Construction Co., Worcester, Mass.  
 Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.  
 Western Wheelbarrow Mfg. Co., South Fort Smith, Ark.  
 Youngstown Steel Car Co., Youngstown, O.

**Truers (Grindstone)**

See Grindstone Truing Devices

**16056— Trumpets (Fire)**

Braxmar C. G. Co. (Dealers), 10 Maiden la, New York  
 Cairns & Bro., 186 Lafayette, New York  
 International Silver Co., Meriden, Conn.  
 Porter Co. (Also Ship & Deck), 241 Water, New York

**16057— Trunk Mfrs.**

See also Traveling Bags & Suit Cases

**ALABAMA.**

**BIRMINGHAM**—Birmingham Trunk Factory  
 Gilbert Trunk Factory  
 Lawrence Wm. M. & Bro., Trunk Works

**ARKANSAS.**

**LITTLE ROCK**—Little Rock Trunk & Bag Co.  
 Waldenberger Harness & Trunk Co.

**ARIZONA.**

**PHOENIX**—Doster S. J.

**CALIFORNIA.**

**LOS ANGELES**—Burroughs-White Trunk Co.  
 Los Angeles Telescope Co.  
 Mission Trunk Factory.  
**SACRAMENTO**—Longshore James  
**SAN DIEGO**—San Diego Trunk & Bag Co.  
**SAN FRANCISCO**—Hirschfelder & Meaney, 519 Market  
 Malm C. A. & Co., 2199 Folsom  
 Pacific Trunk & Bag Co., 533 Market

**COLORADO.**

**DENVER**—Dewar Bros. Trunk Mfg. Co.  
 Meek A. E. Trunk & Bag Co.  
 Shwayder Trunk Mfg. Co.  
**PUEBLO**—Straub Trunk Co.

**DELAWARE.**

**WILMINGTON**—Delaware Hard Fibre Co.  
*See adv index at end of book*

**DISTRICT OF COLUMBIA.**

**WASHINGTON**—Langlotz G. G. & Co.

**FLORIDA.**

**JACKSONVILLE**—Florida Trunk Mfg. Co.

**GEORGIA.**

**ATLANTA**—Ashford Trunk & Bag Co.  
 Footes Trunk & Bag Factory  
**AUGUSTA**—Augusta Trunk Factory  
**SAVANNAH**—Chatham Trunk Factory

**ILLINOIS.**

**BLOOMINGTON**—Ruh Geo. W.  
**CHICAGO**—Abrams L. & Son, 1234 W Chicago av  
 American Trunk & Case Co., 29 S 5th av  
 Becker P. & Co., 333 W Monroe  
 Dick J. H., 645 W. Madison  
 Fiberoid Trunk Works, 4621 B'way  
 Fitzgerald Trunk Co. (Sample, Sole Leather), 1214 Wells  
 Grube-Meyering Trunk Co., Fulton & Peoria  
 Hartman Trunk Co., 207 W Jackson blvd  
 Haskell Bros. (Sample), 165 N Green  
 Kuntzendorf C. & Co., 160 W Van Buren  
 Lazar & Lazarus, 1230 S Jefferson  
 Lynch Wall Trunk Co., 213 W Austin  
 McNamara J. H. Trunk Co., 109 W Monroe  
 Schuessler Wm., 12 N Market  
 Stone Bros. & Co., 1501 Polk  
 Taylor C. A. Trunk Works, 657 W Madison  
 Welck Martin Co., 1854 N Kareov  
 Wilt Chas. T., 221 W Madison  
**DECATUR**—Decatur Trunk Factory  
**PEORIA**—Peoria Trunk Factory  
**QUINCY**—Gem City Trunk Mfg. Co.

**INDIANA.**

**EVANSVILLE**—Evansville Trunk Co.  
**KOKOMO**—Kokomo Trunk Co.  
**MISHAWAKA**—National Veneer Products Co.

**IOWA.**

**BURLINGTON**—Jacoby J. H. & Co.  
**DUBUQUE**—Enzler Jos. A.  
**SIOUX CITY**—Anthony D. S.

**KANSAS.**

**ATCHISON**—Rose Trunk Co.  
**TOPEKA**—Hossfeld Trunk, Bag & Suit Case Co.  
**WICHITA**—Wichita Trunk Co.

**KENTUCKY.**

**LOUISVILLE**—Duffey Thos. & Co.  
 Laub Bros.

**LOUISIANA.**

**NEW ORLEANS**—Crescent Trunk Co., (Ltd.), 311 Girod  
 Duffy Trunk & Bag Co. (Ltd.), 141 Baronne  
 Mack Trunk Co. (Ltd.), 157 Baronne  
 New Orleans Trunk & Bag Co., 145 Baronne  
**SHREVEPORT**—Kidd Russ Trunk & Bag Co.

**MAINE.**

**BANGOR**—Parkhurst J. F. & Son Co.  
**KENNEBUNK**—Leatheroid Mfg. Co. (Sample)  
**PORTLAND**—Brackett J. L. & Co.

**MARYLAND.**

**BALTIMORE**—Gorman Chas. B., 329 N Howard  
 Gorman Chas. B., 329 N Howard  
 Jones & Schwarzkopf, 1332 Greenmount av  
 Prager Geo. (Fibre Sample Trunks), 56 E Hill  
 Richards Trunk Mfg. Co., 200 W Mulberry  
 Tuerke Wm. A., 212 W Lexington

**MASSACHUSETTS.**

**BOSTON**—Bowker Bros. (Fibre Trunks & Cases), 11 Columbia  
 Cummings Josiah & Son (Rawhide Vulcanized Fibre), 657 Atlantic av  
 Cutter & Cutter, 26 Chauncy  
 New England Trunk Co., 125 Summer  
 Winship W. W., 71 Summer  
**LOWELL**—Devine P. T.  
**WEST SOMERVILLE**—Horton & Hubbard Mfg. Co.  
 Reed Edward E. Co.  
**WESTBORO**—Westboro Trunk & Bag Co.  
**WESTFIELD**—Crane Brothers (Limenoid)

**MICHIGAN.**

**DETROIT**—Kittle H. M. & Co., 197 Jefferson av  
 Maier Martin & Co., 102 Wood  
 Tuttle & Clark  
 Wedell & Boers, 157 Jefferson av  
**GRAND RAPIDS**—Grand Rapids Trunk Co.  
 Groskopf Brothers  
**SAGINAW**—Lieberman Trunk Co.  
**WYANDOTTE**—Beals & Selkirk Trunk Co. (Leather)

**MINNESOTA.**

**DULUTH**—Duluth Trunk Co.  
**MINNEAPOLIS**—Barnum Trunk Co., 804 Nicollet av  
 Deppe A. H. & Co., 430 Nicollet av  
 Flour City Trunk Co., 115 2d av, S E  
 Lorenz Wm., 212 Marquette av  
 Northwestern Trunk Co., 248 Nicollet av  
**ST. PAUL**—Bisenius G. L. Trunk Co., 360 Jackson  
 Garland F. V. Co., 98 E 5th

**MISSOURI.**

**KANSAS CITY**—Books Trunk Co., 19 E 8th  
 Excelsior Trunk Co.  
 Jenson Trunk Factory, 815 Wyandotte  
 Luce Trunk Factory, 1026 Maine  
 National Trunk Factory, 110 W 9th  
 Nuss & Moore Trunk Co., 1408 Walnut  
**ST. JOSEPH**—Heumader Chris, 1802 Water  
**ST. LOUIS**—Horn T. L. Trunk Co., 1101 Washington  
 Murphy P. C. Trunk Co., 13th & Papin  
 Quirk James A. Trunk Co., 114 S 4th  
 St. Louis Basket & Box Co., Wharf & Penrose

**NEBRASKA.**

**OMAHA**—Eggers-O'Flyng Co.  
 Freling & Steinle  
 Omaha Trunk Factory

**NEW JERSEY.**

**HARRISON**—Headley & Farmer Co. (Sole, Leather & Toy)  
**NEWARK**—Bal Wm. Co., 12 Johnson  
 Goldsmith L. & Son (Wardrobe), Canal & Cherry  
 Headley & Farmer Co., (Wardrobe, Dress, Steamer, Bureau, Etc.)  
 Khin Trunk & Bag Co., 215 Bergen  
 National Trunk Co., 24 Morton  
 Rauchbach-Goldsmith Co., St. Francis & Komar  
 Steiger P. Trunk & Bag Co., 794 Broad  
**PATERSON**—Wetzel John F., 52 Washington

**NEW YORK.**

**BUFFALO**—Bingham Trunk Co., 39 Mechanic  
 Buffalo Trunk Mfg. Co.  
**CORTLAND**—Newton W. H. & Son  
**NEW YORK**—Abramovitz & Schwartz, 195 Wooster  
 Ajax Trunk & Sample Case Co. (Suit Case Trunks, Sample Cases, etc.), 150 W 18th  
 Auto Trunk Rack Mfg. Co. (Automobile), 94 Reade, New York  
 Bartels J. H., 3 Wooster  
 Bears B., 1048 3d av  
 Berg Auto Trunk & Spec. Co., 400 Lafayette  
 Berner & Freedman, 129 Grand  
 Bloomenfield & Meyer (Wardrobe, Dress, Steamer, Bureau, Etc.), 426 Broome  
 Casey Trunk Co., 224 W 35th  
 Crouch & Fitzgerald, 177 B'way (Sample, Sole Leather)  
 Fiberide Sample Trunk Co., 191 Lafayette  
 Fibre Sample Case & Trunk Co., 535 B'way  
 Fishbein Trunk & Sample Case Co., 103 Bleecker  
 Friedman & Fagan, 205 E 101st  
 Heaton & Vierling, 21 W 3d  
 Innovation Trunk Co., 3 Canal pl  
 Laks & Zucker, 597 B'way  
 Leatheroid Mfg. Co., 45 W 16th  
 Lercher A., 435 Broome



Lissa Hy. & Co., 595 B'way  
 Manhattan Trunk Box Factory, 505 E 18th  
 Newark Trunk Co., 11 W 42d  
 Oichman S. Trunk Co., 29 Howard  
 Pinkosowitz Abraham, 113 Second  
 Standard Trunk Mfg. Co., 535 B'way  
 Taylor C. A. Trunk Works, 210 W 44th  
 United Automobile Trunk Co., 343 W 26th  
 Wellen M. & Son, 83 Wooster  
**PATCHOGUE**—Patchogue Trunk Works  
**ROCHESTER**—Likly Henry & Co. (Wardrobe, Sample, etc)  
 Zelter Harry L.  
**SYRACUSE**—Syracuse Trunk Works  
**UTICA**—Faber H. C. & Son Co. (Fibre Sample Trunks),  
 Winship W. W. & Sons Co.

**OHIO.**

**CANTON**—Canton Trunk Co.  
**CINCINNATI**—American Trunk Co., 1039 Central av  
 Drucker & Co. (Sample), 6 W 4th  
 Mendel, Drucker Co., 335 Main  
 Menzel Trunk Co., Court & B'way  
**CLEVELAND**—Cleveland Trunk Co., 1250 Euclid av  
 Engelhart Trunk Co.  
 Faber Jacob, 78 Public sq  
 Feigenbaum Trunk Co., 1272 W 6th  
 Likly & Rockett Trunk Co., 1365 Euclid av  
**COLUMBUS**—Hughes Jno. R. & Co., 40 N High  
 Stallman F. A. (Dresser), 57 E Spring  
**NORWOOD**—Mendel-Drucker Co.  
**TOLEDO**—Duguid Jno. B., Prospect av & M C R R  
 Wilmington & Co.

**OREGON.**

**PORTLAND**—Harris Trunk Mfg. Co., 130 6th  
 Multnomah Trunk & Bag Co. (Leather), 84 E Water  
 Portland Trunk Mfg. Co., 60 3d

**PENNSYLVANIA.**

**KENNETT SQUARE**—Fibre Specialty Mfg. Co. (Fibre Sample Trunks)  
**PHILADELPHIA**—Arata & Co., 118 S 13th  
 Bains G. B. & Son, 1028 Chestnut  
 Belber Trunk & Bag Co., 1641 N Hancock  
 Cramer, Sherr & Co., 24 S Front  
 Deveney J. B. & J., 126 N 16th  
 Heller Samuel, 315 N 2d  
 Leatheroid Mfg. Co., 1024 Filbert  
 McQuinn Robert & Co., 437 Market  
 Rangnow & Hall (Inc.), 67 Laurel  
 Regenbogen Philip, 736 South  
 Rhode Brothers, 1212 Passyunk av  
 Seafried Bros., 2811 Girard av  
 Seitz J. H. & Son, 414 Brown  
 Simons & Co. (Carpet), 700 Arch  
 Weintraub Jos., 1037 S 4th  
**PITTSBURGH**—American Trunk & Bag Co., 109 Federal  
 B. B. & B. Trunk Co., Ohio & Sandusky  
 Haines Geo. S. Co., 610 Wood  
 Penn Trunk Co., 82 Washington  
 Pittsburgh Trunk Co., 1041 Gibbon  
 Sharon Trunk Co., 1625 5th av

**RHODE ISLAND.**

**PROVIDENCE**—Providence Trunk Co., 457 Westminster

**TENNESSEE.**

**KNOXVILLE**—Beaman Trunk Co.  
 MacKenney Trunk & Sample Case Co.  
 Southern Trunk Co.  
 Whittle Trunk & Bag Co.  
**MEMPHIS**—Ferguson G. B., McCall bldg  
 Mack Trunk Co.  
**NASHVILLE**—Ewing & Hooper  
 Fibre Trunk & Case Co.  
 Nashville Trunk & Mfg. Co.  
 White Trunk & Bag Co.

**TEXAS.**

**AUSTIN**—Austin Trunk Factory  
**DALLAS**—Pollack Henry Trunk Co.  
 Wilkins Trunk Mfg. Co.  
**EL PASO**—El Paso Trunk Factory  
**FORT WORTH**—Mannig Trunk Mfg. Co.  
**GALVESTON**—John R. H.

**UTAH.**

**SALT LAKE CITY**—Gallagher Jas. I.  
 Hulbert Bros.

**VIRGINIA.**

**PETERSBURG**—Petersburg Trunk & Bag Co.  
 Rogers Bros. & Kevan  
 Seward Trunk & Bag Co.  
 Totty Trunk & Bag Co.  
 Virginia Trunk & Bag Co.  
**RICHMOND**—Richmond Trunk Mfg. Co.  
 Rountree H. W. & Bro. Trunk & Bag Co.  
 Union Trunk & Bag Co.

**WASHINGTON.**

**BELLINGHAM**—Dunn Trunk Co.  
**SEATTLE**—Butterfield Trunk Co.

**WISCONSIN.**

**EAU CLAIRE**—Eau Claire Trunk Co.  
**GREEN BAY**—Green Bay Trunk & Bag Co.  
**MILWAUKEE**—Abel & Bach Co. (Sole Leather), 1005 Clybourn  
 Barth James H., 449 E Water  
 Burroughs Geo. & Sons, 424 E Water  
 Kamlee Co. (Auto), 235 B'way  
 McKone-Lins Co., 81 Wisconsin  
 Schoen & Walter Co., 762 11th  
 Western Grip & Trunk Co., 791 30th  
**OSHKOSH**—Bauer Trunk & Bag Co.  
 Oshkosh Trunk Co.  
 Schmit Trunk & Bag Co.  
**RACINE**—Hartmann Trunk Co.  
 Racine Trunk Co.  
 Secor M. M. Trunk Co. (Sample, Toy, Sole Leather)

**16057a—\*Trunk (Wardrobe, Fixtures)**

**PARSONS SPECIALTY & MACHINE WORKS** (also Trolley), 2427 N 4th, Phila., Pa.

**16058—Trunk & Bag Trimmings**

See also Hardware Manufacturers, Trunk & Bag  
 Graton & Knight Mfg. Co. (Leather Handles, Straps, Corners, Loops, etc), Worcester, Mass.  
 Jenkinson R. C. & Co., 293 Washington, Newark, N. J.  
 Krischer's Mfg. Co. (Catches, Loops & Hinges), 186 Lewis, New York

**16059—Trunks (Automobile)**

Abel & Bach Co., Milwaukee, Wis.  
 Ajax Trunk & Sample Case Co. ("Ajax"), 150 W 18th, New York  
 Auto Trunk Rack Mfg. Co., 94 Reade, New York  
 Bal William Co. ("Bal Bullt"), 7 Vesey, Newark, N. J.  
 Berg Auto Trunk & Specialty Co. ("Berg-rade"), 400 Lafayette, New York  
 Bosler E. H., 1935 Wabash av, Chicago, Ill.  
 Boyle Jno. & Co., 112 Duane, New York  
 Cutter & Cutter, 26 Chauncy, Boston, Mass.  
 Eau Claire Trunk Co., Eau Claire, Wis.  
 Elfert Paul, Grand Rapids, Mich.  
 Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.

Fuller G. W. Co. ("Fuller"), Hartford, Conn.  
 Goldsmith L. & Son, Canal & Cherry, Newark, N. J.  
 Hartmann Trunk Co., Racine, Wis.  
 Headley & Farmer Co., Newark, N. J.  
 Kamlee Co. ("Kamlee"), 235 B'way, Milwaukee, Wis.  
 Kronauer Chas. & Co. ("Kronauer's"), 844 Fulton, Chicago, Ill.  
 Leatheroid Mfg. Co. ("Leatheroid"), Kennebunk, Me.  
 Likly Henry & Co., Rochester, N. Y.  
 McDonald Alexander, 15 Beacon, Boston, Mass.

Mendel-Drucker Co., Norwood, Ohio  
 Milwaukee Auto Specialty Co. ("Masco"), 711 Chestnut, Milwaukee, Wis.  
 Nathan Novelty Mfg. Co. ("Nathan"), 88 Reade, New York  
 New England Trunk Co., 125 Summer, Boston, Mass.

Newton W. H. & Son, Cortland, N. Y.  
 Niagara Auto Radiator Co., 151 W 68th, New York  
 Planet Co. ("Duplex" Folding), Westfield, Mass.  
 Ruch Automobile Top Co., Mt. Vernon, N. Y.  
 Sage Trunk Co., 134 Summer, Boston, Mass.  
 Schoenborn A. J. (Metal), Grenleaf, Kan.  
 Seitz J. H. & Son, 414 Brown, Philadelphia, Pa.  
 Simon S. C. & Co. ("S. C. S. Luggage"), 404 Brown, Phila., Pa.  
 Stallman F. A., 57 E Spring, Columbus, O.  
 Taylor C. A. Trunk Works ("Taylor Made"), 657 W Madison, Chicago, Ill.  
 Tuttle & Clark ("Blue Ribbon Quality Brand"), Detroit, Mich.  
 Warren Leather Goods Co., Worcester, Mass.  
 Wilt Chas. T., 221 W Madison, Chicago, Ill.  
 Winship W. W., 71 Summer, Boston, Mass.  
 Winship W. W. & Sons Co., Utica, N. Y.  
 Wohlfeld S. & Bro., 538 N 3d, Phila., Pa.

**16060-1—Trunks (Automobile Tire)**

Ajax Trunk & Sample Case Co., 150 W 18th, New York  
 Auto Trunk Rack Mfg. Co., 94 Reade, New York  
 Berg Auto Trunk & Specialty Co. ("Berg-rade"), 400 Lafayette, New York  
 Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.  
 Fuller G. W. Co. ("Fuller"), Hartford, Conn.  
 Goldsmith L. & Son ("G. & S. Never-break"), Cherry, Newark, N. J.  
 Kamlee Co. ("Kamlee"), 235 B'way, Milwaukee, Wis.  
 McDonald Alexander, 15 Beacon, Boston, Mass.  
 McDonald Brothers, Seattle, Wash.  
 Milwaukee Auto Specialty Co. ("Mason"), 711 Chestnut, Milwaukee, Wis.  
 Nathan Novelty Mfg. Co. ("Nathan"), 88 Reade, New York  
 Sage Trunk Co., 134 Summer, Boston, Mass.  
 Simon S. C. & Company ("S. C. S. Luggage"), 404 Brown, Phila., Pa.  
 Stallman F. A., 57 E Spring, Columbus, O.  
 Taylor C. A. Trunk Works ("Taylor Made"), 657 W Madison, Chicago, Ill.  
 Warren Leather Goods Co., Worcester, Mass.  
 Welch & Suthergreen Co. ("Amphi"), Fitchburg, Mass.  
 Winship W. W., 71 Summer, Boston, Mass.  
 Wohlfeld S. & Bro., 538 N 3d, Phila., Pa.

**16062—Tryers (Butter & Cheese)**

Humason & Beckley Mfg. Co. (Cast Iron), New Britain, Conn.

**16063—Tryers (Ham)**

American Cutlery Co., 764 Mather, Chicago, Ill.  
 Johnson Wm. (Hedenberg Wks.), Newark, N. J.  
 Osborne C. S. & Co., Harrison, N. J.  
 Stortz Jno. & Son, 210 Vine, Phila., Pa.  
 Vaughan & Bushnell Co., 2114 Carroll av, Chicago, Ill.

**16064—Tryers (Tallow)**

Emrich Phil. (For Tanners), 824 Main, Cincinnati, O.

**16065—\*Tube Mill Linings**

**ABBE ENGINEERING CO.**, 220 Broadway, New York  
*See adv index at end of book*  
**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

**16066—Tubes (Arch & Stay)**

National Tube Co. ("SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

**Tubes (Asbestos)**

See Tubing, Asbestos Braided



**16067— Tubes (Boiler)**

See also Pipe &amp; Tube Mills

- Albert & Davidson, Oakland & Kent, Brooklyn, N. Y.  
*See adv index at end of book*  
 Allegheny Steel Co. ("Reliance," Charcoal Iron & Steel), Oliver bldg, Pittsburgh, Pa.  
 Delaware Seamless Tube Co. (Seamless Steel), Auburn, Pa.  
 Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless Steel), Detroit, Mich.  
 Globe Seamless Steel Tubes Co. (Seamless Cold Drawn Steel), Colby-Abbott bldg, Milwaukee, Wis.  
 Horner U. S. Co., Oliver bldg, Pittsburgh, Pa.  
 McMann & Taylor Co., 104 John, New York  
*See adv index at end of book*  
 Mark Mfg. Co. (Lap Welded), Evanston, Ill.; Works: Zanesville, O.  
 Monongahela Tube Co., Ferguson bldg, Pittsburgh, Pa.  
**NASON MFG. CO.** (Jobbers), 71 Fulton, New York. *See adv index at end of book*  
 National Tube Co. ("NATIONAL," Spellerized Lap-Welded Steel, "SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 New Jersey Tube Co. (Spirally Corrugated), Harrison, N. J.  
 Ohio Seamless Tube Co. (Seamless Steel), Shelby, O.  
 Parkesburg Iron Company (Charcoal Iron), Parkesburg, Pa.  
 Pittsburgh Steel Products Co. (Seamless Steel), Frick bldg, Pittsburgh, Pa.  
 Reading Iron Co. (Wrought Iron), Reading, Pa.  
 Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.  
 Southern Boiler & Tank Wks. Co. (Jobbers), Memphis, Tenn.  
 Spang, Chalfant & Co. (Butt & Lap Welded Wrought Iron & Steel), Union Bank bldg, Pittsburgh, Pa.  
 Tyler Tube & Pipe Co. (Lap Welded, Knobled Charcoal Iron & Algerite Iron Special), Washington, Pa.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
**WILLIAMS & CO. (INC.)**, 220-226 Penn. av, Pittsburgh, Pa.  
*See adv index at end of book*

**16068— Tubes (Bottle)**

- Aldrich Mfg. Co., Buffalo, N. Y.  
 Ray Geo. A. Mfg. Co. (Silvered), Buffalo, N. Y.  
 St. Louis Paper Can & Tube Corp. (Fibre), St. Louis, Mo.

**Tubes (Carbon)**

See Carbon Mfrs.

**16069-70—Tubes (Collapsible)**

- Consolidated Fruit Jar Co., New Brunswick, N. J.  
 National Can Co., Detroit, Mich.  
 New England Collapsible Tube Co. (Tin), New London, Conn.  
 Raymond Lead Co. (Tin or Composition), 735 S Washtenaw av, Chicago, Ill.  
 Standard Specialty & Tube Co., New Brighton, Pa.  
 United Lead Co., 111 B'way, New York  
 Western Aluminum Co., 180 N Dearborn, Chicago, Ill.  
 Wheeling Stamping Co. (Pure Tin & Pure Lead, Plain or Decorated), Wheeling, W. Va.  
 White Metal Works, New Brunswick, N. J.

**Tubes (Flexible)**

See Tubing Flexible, Fabric; also Tubing, Flexible Metallic

**16071—Tubes (Flexible Threaded Seamless Refill)**

- S. & I. Co. (For Plumbers), Springfield, Mass.

**16072— Tubes (Fuse)**

- Brandywine Fibre Products Co., East Wilmington, Del.  
**DELAWARE HARD FIBRE CO.** (Hard Fibre for Enclosed Fuses), Wilmington, Del. Works: Marshallton, Del.  
*See adv index at end of book*  
 Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.

**16073—Tubes (Grain Drill)**

- AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Cincinnati Rubber Mfg. Co., Cincinnati, O.  
 Goodrich B. F. Co. (Rubber), Akron, O.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 N. Y. Belting & Packing Co., 91 Chambers, New York  
 Sharon Steel Hoop Co. (Pressed Steel), Youngstown, O.

**16074— Tubes (Graphite)**

- Acheson Graphite Co., Niagara Falls, N. Y.

**16075—Tubes (Gravity Carrier)**

- National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

**16076— Tubes (Gun)**

- Hartley M. Co., 233 B'way, New York  
 Lau J. H. & Co., 75 Chambers, New York  
 Schoverling, Daly & Gales (Dealer), 302 B'way, N. Y.  
 Tryon Edw. K. Co., 611 Market, Phila., Pa.

**16077— Tubes (Igniting)**

- Hough Chas. N. Mfg. Co. (Nickel Alloy for Gas Engines), Franklin, Pa.

**WILLIAMS & CO. INC.**  
**PITTSBURGH, PA.**

- Williams & Co., 221 Penn av, Pittsburgh, Pa.

**16078—Tubes (Inner Automobile)**

- Continental Rubber Works ("Vitalic"), Erie, Pa.  
 Dreadnaught Tire & Rubber Co. ("Super-Dreadnaught"), Orangeville, Baltimore, Md.  
 Endurance Tire & Rubber Co. (Red or Grey), 17 Battery pl, New York  
 Falls Rubber Co., Cuyahoga Falls, O.  
 Goodrich B. F. Co., Akron, O.  
 Goodyear Tire & Rubber Co., Akron, O.  
 Hamilton Rubber Mfg. Co., Trenton, N. J.  
 Howe Rubber Co., New Brunswick, N. J.  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Kokomo Rubber Co., Kokomo, Ind.  
 Lee Tire & Rubber Co. ("Lee"), Conshohocken, Pa.  
 McGraw Tire & Rubber Co. ("Imperial"), East Palestine, O.  
 Mansfield Tire & Rubber Co. ("Mansfield" & "Ohio"), Mansfield, O.  
 Mattson Rubber Co., Lodi, N. J.  
 Michelin Tire Co. (Red), Milltown, N. J.  
 Mohawk Rubber Co., Akron, O.  
 National Rubber Co. ("Special Red," "Pure Gum Gray"), Pottstown, Pa.  
 Parker-Stearns & Co. ("Alpha" Pure Red Rubber), 276 Sheffield, Brooklyn, N. Y.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Tyler Rubber Co. ("Tyrian"), Andover, Mass.  
 Vulcan Rubber Co., Erie, Pa.  
 Western Rubber Co., Goshen, Ind.

**16079—Tubes (Inner Bicycle)**

- Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Pennsylvania Rubber Co., Jeannette, Pa.

**Tubes (Insulating)**

See Insulators; also Conduits

**Tubes (Iron Lined)**

See Tubing, Iron Lined

**16080-1—Tubes (Mailing, Etc.)**

- AMERICAN CAN CO.**, 120 B'way, New York *See adv index at end of book*  
 Brown Jas. Jr. (Paper & Worsted Tubes & Cones), Ring & Main, Phila., Pa.  
 Chicago Mailing Tube Co., 425 S Hoyne av, Chicago, Ill.  
 Chicago Paper Tube & Can Co. (Paper for Mailing, Electrical Purposes, etc), 168 W May, Chicago, Ill.

- Detroit Paper Tube & Can Co., Ltd. (Mailing, Tin End Cans, etc), 26 Griswold, Detroit, Mich.

- Empire Paper Tube & Box Co., 155 Bank, New York  
 Estes E. B. & Sons (Wooden), 358 5th av, New York *See adv index at end of book*  
 Hoffman J. C., 10 Jones, New York  
 International Mailing Tube & Wrapper Co., Concord & Prince, Brooklyn, N. Y.  
 Kern & Son, 409 Pearl, New York  
**Lincoln Paper Co.**, Lincoln, Nebr.  
 Lowell Paper Tube Corp., Lowell, Mass.  
 McCreary Mfg. Co., Erie, Pa.  
 Mail Wrapper-Tube Co., 162 E 118th, New York  
 Michigan Paper Tube & Can Co., 9 Center, Detroit, Mich.  
 Ritchie W. C. & Co., 400 S Green, Chicago, Ill.  
 St. Louis Paper Can & Tube Corp., St. Louis, Mo.  
 Seeley Tube & Box Co., 344 Central av, Newark, N. J.  
 Thames River Specialties Co., Uncasville, Conn.  
 Thompson & Norris Co. The, Concord & Prince, Brooklyn, N. Y.  
 Union Paper Co. (Also Cans, Boxes, etc), 844 Washington, New York  
 Ware Co., 50 Watts, New York  
 Wilson Wyle T., 1151 N 3d, Phila., Pa.

**Tubes (Metal Collapsible)**

See Tubes Collapsible

**16082— Tubes (Mica)**

- Chicago Mica Co., Valparaiso, Ind.  
 Macalten Co., 16 Macalten, So. Boston, Mass.  
 Mica Mfg. Co., 454 18th, Brooklyn, N. Y.

**16083— Tubes (Milking)**

- Pilling Geo. P. & Son Co., 23d & Arch, Phila., Pa.

**16084—Tubes (Motor Cycle)**

- Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Voorhees Rubber Mfg. Co. ("Brown"), 18 Bostwick av, Jersey City, N. J.

**Tubes (Paper)**

See Tubes, Mailing, etc

**16085— Tubes (Porcelain)**

- Akron Smoking Pipe Co. (Also Clay), Mogadore, O.  
 Freeman E. H. Electric Co., Trenton, N. J.  
 Guernsey Earthenware Co., Cambridge, O.  
 Illinois Electric Porcelain Co., Macomb, Ill.

**16085a—\*Tubes ("Pyralin")**

- du PONT E. I. de NEMOURS & CO. (The Arlington Wks.), (Transparent & Opaque, Colored & Colorless), 725-27 B'way, New York

**16086— Tubes (Pyrometer)**

- Carborundum Co., Niagara Falls, N. Y.  
 Thermal Syndicate (Ltd.), ("Viteosil," Pure Fused Silica), 50 E 41st, New York

**16087— Tubes (Ribbon)**

- AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

**16087a— Tubes (Silica)**

- Lenz Apparatus Co., 9 E 16th, New York

**16088—Tubes (Weldless Steel)**

- Justice Phillip S. & Co., 421 Chestnut, Phila., Pa.  
**WILLIAMS & CO., INC.**, 220-226 Penn. av, Pittsburgh, Pa.  
*See adv index at end of book*

**16089— Tubes (Wire)**

- AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*



**Tubes (Wiring)**

See Insulators; also Conduits

**16089a—\*Tubing (Aeroplane)****EMPIRE ART METAL CO., INC., THE,**  
College Point, L. I., N. Y.**16090—Tubing (Aluminum)****Aluminum Co. of America (Seamless),**  
Oliver bldg, Pittsburgh, Pa.

See adv index at end of book

**Bradford Co. (Imp.),** 200 5th av, New York**Ivins Elwood Tube Works (Seamless),** Oak Lane, Phila., Pa.**Seligman Arthur (Imp.),** 165 B'way, New York**16090a—\*Tubing (Annealed)****Mohegan Tube Co.,** Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

See adv index at end of book

**16091—Tubing (Asbestos Braided)****American Asbestos Co.,** Norristown, Pa.  
**Asbestos Fibre Spinning Co.,** North Wales, Pa.**Johns H. W.-Manville Co. ("J-M," "J-M Red Rubber"),** Madison av & 41st, New York**Keasbey & Mattison Co.,** Ambler, Pa.  
**Watson H. F. Co.,** Erie, Pa.**16091a—\*Tubing (Automobile)****Mohegan Tube Co.,** Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

See adv index at end of book

**WILLIAMS & CO. INC.**  
**PITTSBURGH, PA.****Williams & Co. (Inc.),** 221 Penn av, Pittsburgh, Pa. See adv index at end of book**16092-3—Tubing (Bedstead)****American Tube Co.,** 37th & Rockwell, Chicago, Ill.**Elyria Iron & Steel Co. (High Carbon Steel, Butted & Brazed),** Cleveland, O.**EMPIRE ART METAL CO. (INC.),** College Point, L. I., N. Y.**Keystone Tube Works (Round & Square, Welded, etc),** Connellsville, Pa.**MOHEGAN TUBE CO.,** Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

See adv index at end of book

**National Tube Co. ("NATIONAL," Welded "SHELBY" Seamless Round, Square, Rectangular, etc),** Frick bldg, Pittsburgh, Pa. See adv index at end of book**Newark Tube & Metal Works,** 560 Ferry, Newark, N. J.**New Jersey Tube Co. (Brass),** Harrison, N. J.**Ohio Seamless Tube Co. (Seamless Steel)** Shelby, O.**Phenix Tube Co. (Brass, Bronze & Aluminum, Iron Lined),** 182 N 11th, Brooklyn, N. Y.**Winelander & Jackson (Iron Lined Brass),** 29 Rodney, Brooklyn, N. Y.**Tubing (Beer)**

See Tubing, Rubber

**16094—\*Tubing (Bicycle)**

See also Tubing, Steel

**FRASSE PETER A. & CO. (INC.),** 417 Canal, New York

See adv index at end of book

**Mohegan Tube Co.,** Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

See adv index at end of book

**National Tube Co. ("SHELBY" Seamless Steel),** Frick bldg, Pittsburgh, Pa.

See adv index at end of book

**WILLIAMS & CO. INC.**  
**PITTSBURGH, PA.****Williams & Co. (Inc.),** 221 Penn. av, Pittsburgh, Pa. See adv index at end of book**16095—Tubing (Brass, Bronze & Copper)****AMERICAN BRASS CO. (Seamless & Brazed),** Waterbury, Conn.

For branch offices see adv index at end of book

**American Tube Works ("Green's," "Alston's," "Adams," Seamless Drawn),** 10 Oliver, Boston, Mass.**Baltimore Tube Co. ("Oriole," Seamless),** Wicomco & Ostend, Baltimore, Md.**Bamford & Smith Co.,** 9 Culver, Providence, R. I.**Besly Chas. H. & Co. (Jobbers, Seamless, etc),** 120 N Clinton, Chicago, Ill.**Bridgeport Brass Co.,** Bridgeport, Conn.**Bridgeport Metal Goods Mfg. Co. (Pressed Drawn Brass),** Bridgeport, Conn.**Bristol Brass Co. (Brass Brazed Only),** Bristol, Conn.**Brooklyn Tube Works (Seamless),** Bay & Columbia, Brooklyn, N. Y.**Champion Metals Co. (Brass),** 446 N La Salle, Chicago, Ill.**CHASE METAL WORKS,** Waterbury, Conn.**CHASE ROLLING MILL CO.,** Waterbury, Conn.**Croton Mfg. Co. (Lock Joint Steel Lined Brass Tubing),** Croton on Hudson, N. Y.**Dallas A. C. & Son (Brass & Copper),** 225 N Jefferson, Chicago, Ill.**Detroit Copper & Brass Rolling Mills,** Detroit, Mich.**EMPIRE ART METAL CO. (INC.),** College Point, L. I., N. Y.**Erie-Buffalo Tube Co. (Small),** Erie, Pa.**French Mfg. Co. (Seamless Brass, Small Sizes Only),** Waterbury, Conn.**Gardner B. M. Co.,** Citizens bldg, Cleveland, O.**Graff A. & Sons (Brass),** 39 Shipley, San Francisco, Cal.**Hungerford U. T. Brass & Copper Co. (Seamless),** 80 Lafayette, New York**Ivins Elwood Tube Works (Seamless),** Oak Lane Station, Phila., Pa.**Manhattan Brass Co.,** 333 E 26th, New York**Marwedel C. W. (Brass & Copper),** 76 1st, San Francisco, Cal.**MERCHANT & EVANS CO. (Jobbers),** 2035 Washington av, Phila., Pa.

See adv index at end of book

**Michigan Copper & Brass Co. (Braze & Seamless),** Detroit, Mich.**National Brass & Copper Tube Co.,** 639 Mission, San Francisco, Cal.**New Jersey Tube Co. (Bent Brass, etc),** Harrison, N. J.**Philadelphia Brass Co.,** East Downingtown, Pa.**Randolph-Clowes Co. (Seamless),** Waterbury, Conn.**Roberts Tube Works (Seamless),** 868 Military av, Detroit, Mich.**Rome Brass & Copper Co. (Seamless or Braze, also Bronze),** Rome, N. Y.**Rome Hollow Wire & Tube Co.,** Rome, N. Y.**Slade Tubing Co. (Seamless),** Rome, N. Y.**Standard Brass & Copper Tube Co. (Cold Drawn Seamless, Brass & Copper),** New London, Conn.**Summerill Tubing Co. (Seamless Cold Drawn),** Bridgeport, Pa.**TRUMPBOROUGH-WHITEHEAD BRASS & COPPER CO.,** 309-311 Canal, New York, & 43 N 7th, Phila., Pa.

See adv index at end of book

**Twentieth Century Brass Works (Brass),** 231 5th av, S Minneapolis, Minn.**United Wire & Supply Co. (Seamless Swaged & Bent; also Braze Brass Tubing),** Elmwood Station, Providence, R. I.**Waterbury Mfg. Co. (Brass Braze Only),** Waterbury, Conn.**Wells A. H. & Co. (Seamless),** Waterbury, Conn.**Seamless Brass Tubes**  
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**Brass and Copper Tubes**

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Carteret, N. J.**Wheeler Condenser & Engineering Co.**  
(Also Seamless Drawn Brass), Carteret, N. J. See adv index at end of book**WHITEHEAD METAL PRODUCTS CO.,** 67-73 Washington, North, Boston, Mass. See adv index at end of book**WIRE**  
**RODS**  
**SHEETS****BRASS & COPPER****PHOSPHOR BRONZE & GERMAN SILVER****SEAMLESS**  
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**43 NORTH 7th, PHILADELPHIA, PA.**



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### 16095a—\*Tubing (Brass Covered)

Mohegan Tube Co., Meserole, Seneca av  
& L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

### 16096—Tubing (Brass Lined)

American Tube & Stamping Co. (Cllncher),  
Bridgeport, Conn.

### 16097—Tubing (Braze Steel)

Consolidated Mfg. Co., Toledo, O.  
**EMPIRE ART METAL CO. (INC.)**, Col-  
lege Point, L. I., N. Y.  
Mohegan Tube Co., Meserole, Seneca av  
& L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*  
Newark Tube & Metal Works, 560 Ferry,  
Newark, N. J.  
Phenix Tube Co., 182 N 11th, Brooklyn, N. Y.  
Standard Steel Tube Co., Toledo, O.

### 16097a—\*Tubing (Butted)

Mohegan Tube Co., Meserole, Seneca av  
& L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

### Tubing (Celluloid)

*See Celluloid, Fibrelloid & Pyrolin Manu-  
facturers*

### 16098—\*Tubing (Cold Drawn Seam- less Steel)

*See also Tubing, Steel*

**EMPIRE ART METAL CO. (INC.)**, Col-  
lege Point, L. I., N. Y.  
**FRASSE PETER A. & CO. (INC.)**, 417  
Canal, New York

*See adv index at end of book*  
**STANDARD PARTS CO.**, W 73d, Cleve-  
land, O. *See adv index at end of book*

**WILLIAMS & CO. (INC.)**, 221 Penn av,  
Pittsburgh, Pa.  
*See adv index at end of book*

**WILLIAMS & CO. INC.**  
PITTSBURGH, PA.

### 16099—Tubing (Condenser)

**AMERICAN BRASS CO.** ("Admiralty," &  
Brass), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
Baltimore Tube Co. ("Oriole"), Wicomico  
& Ostend, Baltimore, Md.  
Chase Metal Works (Brass & Copper),  
Waterbury, Conn.  
Chase Rolling Mill Co. (Brass & Copper),  
Waterbury, Conn.  
Hungerford U. T. Brass & Copper Co.  
(Brass, Plain & Tinned), 80 Lafayette,  
New York  
Rome Brass & Copper Co. (Brass), Rome,  
N. Y.  
Trumpbour-Whitehead Brass & Copper  
Co., 309-311 Canal, New York, & 43  
N 7th, Phila., Pa.  
*See adv index at end of book*  
Wheeling Condenser & Engineering Co.,  
Carteret, N. J. *See adv index at end of book*  
**WHITEHEAD METAL PRODUCTS CO.**,  
67-73 Washington, North Boston,  
Mass. *See adv index at end of book*

### Tubing (Conduit)

*See Sleaving, Cotton*

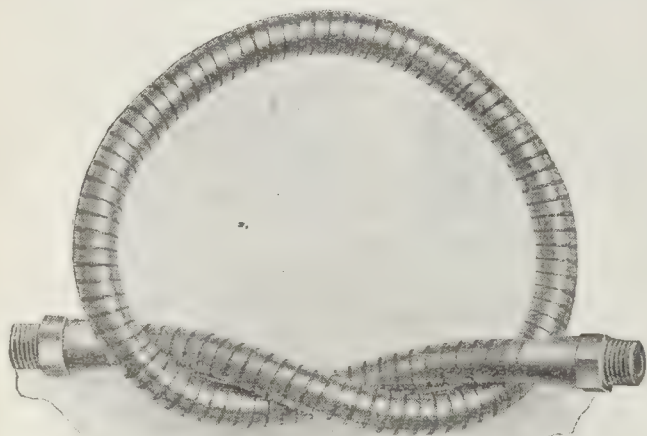
### 16100—Tubing (Flexible Fabric)

Atlantic Tubing Co. (Gas Pipe Tubing),  
1756 Cranston, Providence, R. I.  
Boston Woven Hose & Rubber Co., Cam-  
bridge, Mass.  
Chicago Tubing & Braiding Co. ("Ever-  
lasting" Gas), 216 N Clinton, Chicago,  
Ill.  
James Mfg. Co. ("Klingtite" Gas), Cleve-  
land, Ohio

N. Y. Belting & Packing Co., 91 Cham-  
bers, New York  
New York Gas Tubing Co., 97 Bank, New  
York  
Norwalk Mfg. Co. (Safety Gas), E Nor-  
walk, Conn.  
Voorhees Rubber Mfg. Co., 18 Bostwick av,  
Jersey City, N. J.

### 16101—Tubing (Flexible Metallic)

Almond T. R. Mfg. Co. ("Almond," for  
Electric Light Brackets, Portables,  
Oil & Gasoline, etc), Ashburton, Mass.  
American Metal Hose Co. ("American"),  
Waterbury, Conn.  
Automobile Supply Mfg. Co. (Brass & Iron,  
Light Pressure for Auto Horns, etc),  
220 Taaffe pl, Brooklyn, N. Y.  
Breeze Carbureter Co., 250 52d, Newark,  
N. J.  
Col-Mac Co., 250 South, Newark, N. J.  
**DEWES A. CO.**, 199 Lafayette, New York  
Fischer Chas. Spring Co., 473 Kent av,  
Brooklyn, N. Y.  
Johns H. W.-Manville Co. ("J-M"), Madi-  
son av & 41st, New York  
Kaufman A. G. Mfg. Co., 543 B'way, New  
York  
**METAL HOSE & TUBING CO. (INC.)**,  
("Triplexed"), Raymond & Tillary,  
Brooklyn, N. Y.  
Mulconroy Co. ("Mulconroy" Interwov-  
en), 54th & Jefferson, Phila., Pa.  
Norwalk Mfg. Co., E Norwalk, Conn.  
Penna. Flexible Metallic Tubing Co.  
(Copper or Steel High Pressure, etc),  
201 N Broad, Phila., Pa.  
Schoen-Jackson Co., Media, Pa.  
Sprague Electric Works, 527 W 34th, New  
York  
U. S. Flexible Metallic Tubing Co., Los  
Angeles, Cal.  
Wheelock Mfg. Co. (Steel), Wheelock, Vt.  
**WORCESTER FLEXIBLE TUBING CO.**  
(Brass & Steel), 63 Beacon, Worces-  
ter, Mass. *See adv index at end of book*



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## 16102—Tubing (German Silver)

See also Tubing, Brass, Bronze & Copper  
**AMERICAN BRASS CO.** (Seamless & Brazed), Waterbury, Conn.

*For branch offices see adv index at end of book*  
Bridgeport Brass Co., Bridgeport, Conn.  
French Mfg. Co. (Seamless, Small Sizes Only), Waterbury, Conn.  
Summerhill Tubing Co. (Seamless Cold Drawn), Bridgeport, Conn.

## 16103—Tubing (Glass)

Corning Glass Works (Electrical, Clinical, Thermometer, etc), Corning, N. Y.  
Demuth Glass Mfg. Co., Gardner av, Brooklyn, N. Y.  
Durand-Koering Glass Co. (Also Rods), Vineland, N. J.  
Fostoria Glass Novelty Co., Fostoria, Ohio  
Gove Hartley (Thermo), Vineland, N. J.  
International Glass Co., Millville, N. J.  
Kimble Glass Co. (Also Rods, Finished & Unfinished), 402 W Randolph, Chicago, Ill.  
Libbey Glass Co., Toledo, O.  
Pairpoint Corp'n (For Electrical Use), New Bedford, Mass.  
Ruth Glass Co., Conshohocken, Pa.  
Stanford J. W. & Co., 40 Hanover, Boston, Mass.  
Vineland Flint Glass Works (Also Rods, Unfinished), Vineland, N. J.  
Wagner Glass Works, 697 E 132d, New York  
Whitall Tatum Co., 410 Race, Phila., Pa.

## 16104—\*Tubing (Hard Fibre)

See also Fibre, Hard

**BRANDYWINE FIBRE PRODUCTS CO.**, East Wilmington, Del.  
**DELAWARE HARD FIBRE CO.**, Wilmington, Del. Works, Marshallton, Del. *See adv index at end of book*  
**WILMINGTON FIBRE SPECIALTY CO.** (Vulcanized), Wilmington, Del. *See adv index at end of book*

## 16105—Tubing (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York  
Goodrich B. F. Co., Akron, O.  
Home Rubber Co., Trenton, N. J.  
Mechanical Rubber Co., Cleveland, O.  
Stokes Jos. Rubber Co., Trenton, N. J.  
Vulcanized Rubber Co., 251 4th av, New York

## 16106—\*Tubing (Hot Rolled Seamless Steel)

**EMPIRE ART METAL CO. (INC.)**, College Point, L. I., N. Y.  
**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York  
*See adv index at end of book*  
**MOHEGAN TUBE CO.**, Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

## Tubing (Iron)

See Pipe & Tube Mills

## 16107—Tubing (Iron Lined)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

Bridgeport Brass Co., Bridgeport, Conn.  
Manhattan Brass Co., 333 E 26th, New York

Mohegan Tube Co. (Brass), Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

Phenix Tube Co. (Brazed, Lock Joint, Close Joint & Bent, Brass, Bronzes & Aluminum), 182 N 11th, Brooklyn, N. Y.

Rome Tube Co. (Brass), Rome, N. Y.  
Western Brass Mfg. Works, Marshall blvd & W 21st, Chicago, Ill.  
Wineland & Jackson (Brass), 29 Rodney, Brooklyn, N. Y.

## 16108—Tubing (Lead & Block Tin)

American Lead Co., 3116 Penn av, Pittsburgh, Pa.  
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.  
National Lead Co., 111 B'way, New York  
United Lead Co., 111 B'way, New York

## 16109—Tubing (Nickel Silver)

United Wire & Supply Co. (Seamless), 109 Summer, Providence, R. I.  
Wells A. H. & Co. (Seamless), Waterbury, Conn.

## 16110—Tubing (Organ)

Chadwick-Boston Lead Co. (Composition), Boston, Mass.  
National Lead Co., 111 B'way, New York  
United Lead Co., 111 B'way, New York

## 16110a—\*Tubing (Plated)

Mohegan Tube Co. (Nickel, Brass & Copper), Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

## 16111—Tubing (Platinum)

American Platinum Works, Oliver & N. J. R. R. av, Newark, N. J.  
Baker & Co., 54 Austin, Newark, N. J.

## 16112—Tubing (Porcelain)

Locke Insulator Mfg. Co., Victor, N. Y.  
Pittsburgh High Voltage Insulator Co., Derry Pa.

## 16113—Tubing (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.  
American Hard Rubber Co., 9 Mercer, New York  
Armstrong Rubber Co., 118 Adams, Newark, N. J.  
Boston Belting Co., 85 Linden Park, Boston, Mass.  
Boston Woven Hose & Rubber Co., Cambridge, Mass.  
Canfield H. O. Co., Bridgeport, Conn.  
Cincinnati Rubber Mfg. Co., Cincinnati, O.  
Combination Rubber Mfg. Co., Bloomfield, N. J.  
Continental Rubber Works, Erie, Pa.  
Davidson Rubber Co., Boston, Mass.  
Daval Rubber Co., 69 Point, Providence, R. I.  
Empire Tire & Rubber Corp., East Trenton, N. J. *See adv index at end of book*  
Essex Rubber Co., Trenton, N. J.  
Faultless Rubber Co., Ashland, O.

Federal Rubber Co., The, Cudahy, Wis.  
Goodrich B. F. Co., Akron, O.

Goodyear's India-Rubber Glove Mfg. Co., 503 B'way, New York  
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hamilton Rubber Mfg. Co., Trenton, N. J.  
Home Rubber Co., Trenton, N. J.  
Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.

Manhattan Rubber Mfg. Co., Passaic, N. J.  
Mason Tire & Rubber Co., Kent, O.  
Mattson Rubber Co., Lodi, N. J.  
Mercer Rubber Co., Hamilton Square, N. J.  
Miller Rubber Co., Akron, O.  
Muttly L. J. Co., 175 Congress, Boston, Mass.

National India Rubber Co., Bristol, R. I.  
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
New York Belting & Packing Co. (Pure & C. I.), 91 Chambers, New York  
New York Rubber Co., Reade & Church, New York

Norwalk Mfg. Co., E Norwalk, Conn.  
Parker-Stearns & Co. ("Alhpa," Black or Red), 286 Sheffield av, Brooklyn, N. Y.  
Peerless Rubber Mfg. Co., 31 Warren, New York

Pennsylvania Rubber Co. (Acid, High Pressure, Cloth Insertion, Steam, Gas, Oil, Fire Extinguisher, etc), Jeanette, Pa.

Plymouth Rubber Co., Canton, Mass.  
Quabaug Rubber Co., North Brookfield, Mass.

Quaker City Rubber Co., 629 Market, Phila., Pa.

Republic Co., Youngstown, O.  
Revere Rubber Co., 60 High, Boston Mass.  
Rubber Products Co., Barberton, O.  
Seamless Rubber Co., New Haven, Conn.  
Standard Tire & Rubber Mfg. Co. (Red & Grey), Hippodrome bldg, Cleveland, O.

Thermold Rubber Co. (Soda, Duck, Soda Sheet, Cloth Insertion & Pure), Trenton, N. J.

Trenton Machine Specialty Co., Trenton, N. J.

Tyer Rubber Co. (All Grades, Colors & Sizes), Andover, Mass.

United & Globe Rubber Mfg. Co., Trenton, N. J.

Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.

Whitehead Bros. Rubber Co., Trenton, N. J.  
Woven Steel Hose & Rubber Co., Trenton, N. J.

## 16114—Tubing (Rubber, Cloth Insertion)

Boston Woven Hose & Rubber Co., Cambridge, Mass.

## 16115—\*Tubing (Seamless Steel)

See also Tubing, Steel

**FRASSE PETER A. & CO. (INC.)**, 417 Canal, New York

*See adv index at end of book*  
Mohegan Tube Co., Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

**MORRIS E. K. & CO.**, 317 W 2d, Cincinnati, O.

Steel Sales Corp., Adams & Jefferson, Chicago, Ill.



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**WARD'S EDGAR T. SONS,** 44-54 Farnsworth, Boston, Mass.  
*See adv index at end of book*

## 16115a—\*Tubing (Sherardized)

Mohegan Tube Co., Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

## 16116— Tubing (Silver)

United Wire & Supply Co. (Seamless), Elmwood Station, Providence, R. I.

## 16117— Tubing (Soft Steel)

Ivins Ellwood Tube Works (Seamless), Oak Lane Station, Phila., Pa.  
Mohegan Tube Co., Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*

**WILLIAMS & CO. (INC.),** 220-226 Penn av, Pittsburgh, Pa.  
*See adv index at end of book*

## 16118— Tubing (Square)

Braun J. G., 609 S Paulina, Chicago, Ill.  
**EMPIRE ART METAL CO. (INC.),** College Point, L. I., N. Y.  
Keystone Tube Works (Welded Agricultural, Bedstead, etc), Connellsville, Pa.  
Mohegan Tube Co., Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.  
National Tube Co. ("SHELBY" Seamless Steel), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
**WILLIAMS & CO. (INC.),** 220-226 Penn av, Pittsburgh, Pa.  
*See adv index at end of book*

## 16119— Tubing (Steel)

See also Tubing, Seamless Steel; also Pipe & Tube Mills

American Tube Co., 37th & Rockwell, Chicago, Ill.  
American Tube & Stamping Co., Bridgeport, Conn.  
Becker Steel Co. of Am. (Cold & Hot Drawn, High Grade Seamless Chrome Carbon Tool Steel Tubing), 90 West, New York.  
Calumet Steel Co. (Butted & Brazed), 208 S La Salle, Chicago, Ill.  
Carpenter Steel Co., The (Hot Rolled Seamless Steel), Reading, Pa.  
Central Tube Co., Pittsburgh, Pa.  
Consolidated Mfg. Co. (Brazed for Automobiles, Bicycles, Baby Carriages, etc), Toledo, O.

Dallas A. C. & Son, 223 N Jefferson, Chicago, Ill.

Delaware Seamless Tube Co. (Seamless), Auburn, Pa.

Detroit Seamless Steel Tubes Co. (Cold Drawn Seamless), Detroit, Mich.

Elyria Iron & Steel Co. ("Elisco" Cold Rolled), 232 E. 131st, Cleveland, O.

**EMPIRE ART METAL CO. (INC.),** College Point, L. I., N. Y.

**FRASSE PETER A. & CO. (INC.),** 417 Canal, New York

*See adv index at end of book*

Globe Seamless Steel Tubes Co. (Cold Drawn High Carbon Seamless Steel), Colby-Abbot bldg, Milwaukee, Wis.

Ivins Ellwood Tube Works (Cold Drawn Seamless), Oak Lane, Phila., Pa.

Kawner Mfg. Co. (Seamless for V. P.), Niles, Mich.

Keystone Tube Works (Round & Square Welded, Agricultural, Bedstead, etc), Connellsville, Pa.

Krefeld Steel Co. (Imp), 50 Church, New York

**MOHEGAN TUBE CO.** ("Smooth-Oh"), Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

*See adv index at end of book*

National Tube Co. ("SHELBY" Cold Drawn Seamless for all Mechanical Purposes), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

Newark Tube & Metal Works (Butt Joint), 560 Ferry, Newark, N. J.

Ohio Seamless Tube Co. (Cold Drawn Seamless), Shelby, O.

Phenix Tube Co. (Brazed, Butted, Square & Twisted), 182 N. 11th, Brooklyn, New York

Pittsburgh Seamless Tube Co., Beaver Falls, Pa.

Pittsburgh Shafting Co. (Seamless), Detroit, Mich.

Pittsburgh Steel Products Co. (Hot Rolled & Cold Drawn Seamless), Frick bldg, Pittsburgh, Pa.

Rome Hollow Wire & Tube Co. (Seamless Hollow Wire), Rome, N. Y.

Standard Steel Tube Co. (Brazed for Automobile, Bicycle, Baby Carriage, etc), Toledo, O.

**STANDARD PARTS CO.** ("Stanweld" Electrically Welded), W 73d, Cleveland, O.

*See adv index at end of book*

Summerill Tubing Co. (Cold Drawn Seamless), Bridgeport, Pa.

Timken Roller Bearing Co. (Cold Drawn Seamless), Canton, O.

Tyler Tube & Pipe Co. (Lap Welded), Washington, Pa.

**WILLIAMS & CO. (INC.),** 220-226 Penn av, Pittsburgh, Pa.

*See adv index at end of book*

## 16119a—\*Tubing, (Steel, Acetylene Welded)

**MOHEGAN TUBE CO.,** Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

*See adv index at end of book*

**STANDARD PARTS CO.,** W 73d, Cleveland, O.

*See adv index at end of book*

## 16119b—\*Tubing (Steel, Lock-Seam)

**STANDARD PARTS CO.,** W 73d, Cleveland, O.

*See adv index at end of book*

## 16119c—\*Tubing (Steel, Open Seam)

**STANDARD PARTS CO.,** W 73d, Cleveland, O.

*See adv index at end of book*

## 16120— Tubing (Structural)

Calumet Steel Co. (Butted & Brazed), 208 S La Salle, Chicago, Ill.

Central Tube Co., Pittsburgh, Pa.

Danville Structural Tubing Co., Danville, Pa.

Elyria Iron & Steel Co. (High Carbon Steel, Butted & Brazed), Cleveland, O.

Keystone Tube Works, Connellsville, Pa.

Mohegan Tube Co., Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

*See adv index at end of book*

National Tube Co., Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*

**WILLIAMS & CO. (INC.),** 220-226 Penn av, Pittsburgh, Pa.

*See adv index at end of book*

## 16121—Tubing (Swaged & Bent)

American Tube Bending Co., New Haven, Conn.

Consolidated Mfg. Co., Toledo, O.

Detroit Seamless Steel Tube Co., Detroit, Mich.

Mohegan Tube Co., Meserole, Seneca av & L. I. R. R., Brooklyn, N. Y.

*See adv index at end of book*

Tyler Tube & Pipe Co. (Lap-Welded), Washington, Pa.

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**16122— Tubing (Tapered)**

Mohegan Tube Co., Meserole, Seneca av  
& L. I. R. R., Brooklyn, N. Y.  
*See adv index at end of book*  
Standard Metal Work Co. (For Automob-  
iles, Motor Boat Engines, etc),  
Thompsonville, Conn.

**16123— \*Tubing (Tool Steel)**

**FRASSE PETER A. & CO. (INC.)**, 417  
Canal, New York  
*See adv index at end of book*  
**WILLIAMS & CO., (INC.)**, 220-226 Penn  
av., Pittsburgh, Pa.  
*See adv index at end of book*

**16124—Tubing (Wind Shield)**

**DAHLSTROM METALLIC DOOR CO.**  
(Welded), 35 Blackstone av, James-  
town, N. Y. *See adv index at end of book*  
Kawneer Mfg. Co., Grand Rapids, Mich.

**16125— Tubing (Wood)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
Hydraulic Press Mfg. Co., Mt. Gilead, O.  
Rich Pump Co., South & Depot, Cincin-  
nati, O.

**16126— Tubing (Zinc)**

**AMERICAN BRASS CO.**, Waterbury,  
Conn.  
*For branch offices see adv index at end of book*  
Hungerford U. T. Brass & Copper Co. 80  
Lafayette, New York  
Manhattan Brass Co., 33 E. 26th, New  
York  
**MERCHANT & EVANS CO. (Brazen)**,  
2035 Washington av, Phila., Pa.  
*See adv index at end of book*

**16127— Tubing & Nipples (Gas  
Lamp)**

Norwalk Mfg. Co. (Rubber Tubing), E.  
Norwalk, Conn.  
Pennsylvania Rubber Co., Jeannette, Pa.

**16128— Tubs (Bleaching)**

Dillon D. M. Steam Boiler Works (For  
Paper Mills), Fitchburg, Mass.  
Union Machine Co., Fitchburg, Mass.

**16129— Tubs (Butter)**

California Barrel Co., 22d & Illinois, San  
Francisco, Cal.  
Creamery Package Mfg. Co., 61 W Kinzie,  
Chicago, Ill.  
Denio P. T. & C. E. (Boxes), Hyde Park,  
Vt.  
Elgin Butter Tub Co., Elgin, Ill.  
Hohnsbehn Creamery Supply Co., Waverly,  
Ia.  
Houston J. E., Stowe, Vt.  
Hutchins J. C., Montgomery Center, Vt.  
Lentz's C. F. Sons, Marysville, O.  
Little J. H. Arlington, Ia.  
Mason D. E., Fulton, N. Y.  
Nelson & Hall Co., Montgomery Center, Vt.  
Orcutt B. L. & Sons, Dickinson Center,  
N. Y.  
Parfrey Chas. A., Richard Center, Wis.  
Pierpont Mfg. Co., Savannah, Ga.  
Spurbeck-Lambert Co., Algona, Ia.  
Twin City Separator Co., 29th & Colfax  
av, South Minneapolis, Minn.  
Vermont Butter Tub Co., Barton, Vt.

**16130—Tubs (Flower & Plant)**

American Woodenware Co., Toledo, Ohio  
Cordley & Hayes, 7 Leonard, New York

**16131—Tubs (Galvanized Iron)**

*See also Pails, Galvanized Iron*  
Crunden-Martin Mfg. Co., 2d & Gratiot,  
St. Louis, Mo.  
Republic Metalware Co. The, Buffalo, N. Y.  
Rochester Can Co. (Foot), Rochester,  
N. Y. *See adv index at end of book*  
Rochester Stamping Co., Rochester, N. Y.  
Whitaker-Glessner Co. (Wheeling Corru-  
gating Dept.), Wheeling, W. Va.

**16132-3—Tubs (Hoisting &  
Dumping)**

*See also Buckets, Various Kinds*  
**ALLIS-CHALMERS MFG. CO.**, Milwau-  
kee, Wis. *See adv index at end of book*  
American Hoist & Derrick Co., St.  
Paul, Minn.  
Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
Biehl Iron Works, Inc., Reading, Pa.  
Brown Hoisting Machinery Co., 4403 St.  
Clair N E, Cleveland, O.  
*See adv index at end of book*  
Coatesville Boiler Works, Coatesville, Pa.  
Dobbie Foundry & Machine Co., Niagara  
Falls, N. Y.  
Focht George Sons, Hoboken, N. J.  
Hunt C. W. Co., West New Brighton, N. Y.  
*See adv index at end of book*  
Insley Mfg. Co. (Automatic Concrete), 3500  
E St. Clair, Indianapolis, Ind.  
**Lakewood Engineering Co., Cleveland, O.**  
*See adv index at end of book*  
Littleford Bros., 444 E Pearl, Cincinnati, O.  
Mansfield Engineering Co., The ("Pioneer"),  
cor. E Market & Penna., Indianapolis,  
Ind. *See adv index at end of book*  
National Iron Co., Duluth, Minn.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pitts-  
burgh; San Francisco  
Phillips, Doup & Co. ("National"), 60  
Pearl, Brooklyn, N. Y.  
**STEBNER G. L. IRON WORKS**, Queens-  
boro Terminal, Long Island City, N. Y.  
*See adv index at end of book*  
Turl Iron & Car Co. (Inc.), The, 50 Broad,  
New York. Works: Newburgh, N. Y.  
Twin City Separator Co., 29th & Colfax  
av, So. Minneapolis, Minn.  
Union Iron Works, Hoboken, N. J.  
Williams G. H. Co., Erie, Pa.

**16134— Tubs (Mash)**

Kast Copper & Sheet Iron Co., 91 Main,  
Buffalo, N. Y.  
Leslie Elliott & Co., Paterson, N. J.  
Littleford Bros., 444 E Pearl, Cincin-  
nati, O.  
Meyer Otto C. & Co., 30 Franklin, Brook-  
lyn, N. Y.  
Novelty Steam Boiler Works (Triplet &  
Jennings), 917 S Howard, Baltimore,  
Md.  
Smith Samuel & Son Co., Paterson, N. J.

**16135—Tubs (Mortar, Steel)**

**JACKSON MFG. CO.**, Harrisburg, Pa.  
*See adv index at end of book*  
Lansing Co., Lansing, Mich.  
Littleford Bros., 444 E Pearl, Cincin-  
nati, O.

**16136— Tubs (Plant)**

American Wooden Ware Mfg. Co., (Wood-  
en), Toledo, O.  
Baltimore Cooperage Co. The, cor Hanover  
& Creek, Baltimore, Md.

**16137— Tubs (Scalding)**

Buckeye Boiler Co., Dayton, O.

**16138—Tubs (Self-Dumping)**

*See also Tubs, Hoisting & Dumping*  
Focht Geo. Sons, Hoboken, N. J.  
**LAKEWOOD ENGINEERING CO.**, Cleve-  
land, O. *See adv index at end of book*  
McMyler-Interstate Co., Bedford, O.  
Stuebner G. L. Iron Works, Queensboro  
Terminal, Long Island City, N. Y.  
*See adv index at end of book*

**16139— Tubs (Wash)**

Atlas Wash Tray Co. (Cement), New  
Haven, Conn.  
Central Stamping Co., 172 Fulton, New  
York  
National Enameling & Stamping Co. (Gal-  
vanized Steel), 411 5th av, New York  
**ROCHESTER CAN CO.** (Galvanized Iron),  
Rochester, N. Y.  
*See adv index at end of book*  
Whitaker-Glessner Co. (Wheeling Corru-  
gating Dept., Galvanized Iron), Wheel-  
ing, W. Va.

**16140—Tubs (Wire Cleaning)**

Morgan Construction Co., Worcester, Mass.

**16141— Tubs (Wood)**

*See also Tubs, Butter*  
Cullen & Vaughn Co., 450 Dayton, Hamil-  
ton, O.  
Menasha Wooden Ware Co. (Shipping,  
etc), Menasha, Wis.  
Richmond Cedar Works ("Anchor Brand")  
White Cedar Wash, Tree, Butter, Ice  
Cream, Packing, etc), Richmond, Va.

**16141a—\*Tubular Parts for Motor  
Cars**

**STANDARD PARTS CO.**, W 73d, Clevel-  
land, O. *See adv index at end of book*

**16142— Tufts (Mattress)**

**GENERAL SUPPLY CO.** (Leather), Wor-  
cester, Mass.  
Hubley Gordon A. (Leather), Worcester,  
Mass.

**16143— Tumblers (Glass)**

Athens Glass Co., Morgantown, W. Va.  
Beaver Valley Glass Co., Rochester, Pa.  
Belgrade Glass Co., Buckhannon, W. Va.  
Bryce Bros. Co., Mt. Pleasant, Pa.  
Cambridge Glass Co., Cambridge, O.  
Canton Glass Co., Marion, Ind.  
Central Glass Works, Wheeling, W. Va.  
Consolidated Lamp & Glass Co., Coraopo-  
lis, Pa.  
Co-operative Flint Glass Co., Beaver Falls,  
Pa.  
Crescent Glass Co., Wellsburg, W. Va.  
Crystal Tumbler Co., Morgantown, W. Va.  
Dorflinger C. & Sons, White Mills, Pa., &  
36 Murray, New York  
Duncan & Miller Glass Co., Washington,  
Pa.  
Economy Tumbler Co., Morgantown, W.  
Va.  
Federal Glass Co., Columbus, O.  
Fostoria Glass Co., Moundsville, W. Va.  
Fry H. C. Glass Co., Rochester, Pa.  
Hawkes T. G. & Co., Corning, N. Y.  
Hazel Atlas Glass Co. (Pressed), Wheel-  
ing, W. Va.  
Helsey A. H. & Co., Newark, O.  
Huntington Tumbler Co., Huntington, W.  
Va.  
Indiana Glass Co., Dunkirk, Ind.  
Jenkins D. C. Glass Co., Kokomo, Ind.  
Lancaster Glass Co., Lancaster, O.  
McKee Glass Co., Jeannette, Pa.  
Monaghan Glass Co., Fairmont, W. Va.  
Ripley & Co., 123 7th, Pittsburgh, Pa.  
Rochester Tumbler Co., Rochester, Pa.  
Seneca Glass Co., Morgantown, W. Va.  
U. S. Glass Co., S 9th & Bingham, Pitts-  
burgh, Pa.  
Wellington Glass Co., Cumberland, Md.

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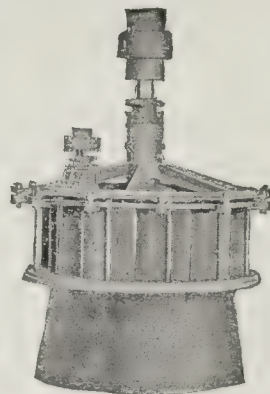
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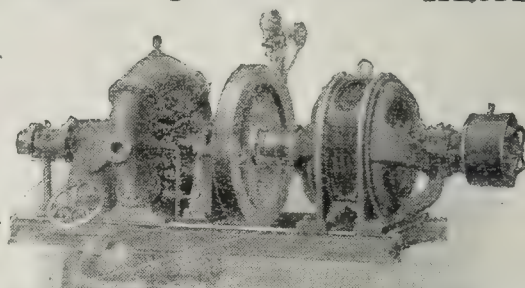
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## 16144—Tumblers (Hard Rubber)

American Hard Rubber Co., 9 Mercer, New York  
Tyer Rubber Co., Andover, Mass.

## 16144a— \*Tumeric

Innis Speiden & Co., Inc., 46 Cliff, New York. See adv index at end of book

## 16145—Tungstate of Ammonia

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.  
YORK METAL & ALLOY CO., York Pa.

## 16145a— Tungstate of Soda

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.  
Primos Chemical Co., Primos, Pa.  
YORK METAL & ALLOY CO., York Pa.

## Tungsten

See Ferro-Tungsten

## 16146—Tungsten (Aluminum)

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.  
Seligman Arthur (Imp.), 165 B'way, New York

## 16147— Tungsten (Nickel)

Mineral Product Mfg. Co., Equitable bldg, Wilmington, Del.

## 16147a— \*Tunnel Kilns

DIDIER-MARCH CO. (Continuous Railroad Tunnel Kilns), Perth Amboy, N. J.

## 16147b—Tunnel Shields (Iron & Steel)

Harlan & Hollingsworth Corp. (For Tunnel & Subway Const.), Ft. West, Wilmington, Del.

## 16148—\*Turbine Blading & Calking Materials

AMERICAN BRASS CO., Waterbury, Conn.

For branch offices see adv index at end of book  
WILLIAMS & CO. (INC.), (Blading Monel Metal) 220-226 Pittsburgh, Pa.  
See adv index at end of book

## 16149—Turbine Water Wheels

See also Water Wheels

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

Barnard & Leas Mfg. Co. ("Moline-McCormick"), Moline, Ill.

Bartley Wm. & Sons ("The Watertight"), Bartley, N. J.

Blake H. & Son, East Pepperell, Mass.

Chase Turbine Mfg. Co., Orange, Mass.

Christiana Machine Co., Christiana, Pa.

Davis Foundry & Machine Works, Rome, Ga.

Dayton Globe Iron Works Co., Dayton, O.  
DeLoach Mill Mfg. Co., Bridgeport, Ala.  
Ephrata Foundry & Machine Works, Ephrata, Pa.

Eyster, Weiser & Co., York, Pa.  
Fitz Water Wheel Co., Hanover, Pa.  
Genesee Valley Mfg. Co., Mount Morris, N. Y.

Gerdes & Co., 42 Church, New York.

See adv index at end of book

Hendy Joshua Iron Works, 75 Fremont, San Francisco, Cal.

Holyoke Machine Co. ("Hercules"), Worcester, Mass.

Humphrey Machine Co. ("I. X. L." & "X-L-C-R"), Keene, N. H.

Hunt Rodney Machine Co. ("Hunt-McCormick"), Orange, Mass.

Jolly J. & W., Holyoke, Mass.

Lane Mfg. Co. ("Monitor"), Montpelier, Vt.

Lefel Jas. & Co. ("Samson"), 500 Lagonda, Springfield, Ohio.

Mine & Smelter Supply Co. ("De Remer"), 42 B'way, New York

Morris I. P. Co. ("Francis" & "Girard" Type), Beach & Ball, Phila., Pa.

Munson Mill Machinery Co. ("Little Giant"), Utica, N. Y.

Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal.

Platt Iron Wks. Co. ("Victor," "Frances"), Dayton, O.

Poole Engng. & Mach. Co., Woodberry Sta., Baltimore, Md.

Salem Foundry & Machine Works ("Ajax") Salem, Va.

Sergeant Mfg. Co., Greensboro, N. C.

SMITH S. MORGAN CO. ("Smith," "McCormick" & "Success"), York, Pa.

See adv index at end of book

Trump Mfg. Co., Springfield, O.

United Iron Works ("Tutthell"), San Francisco, Cal.

Wellman-Seaver-Morgan Co., Cleveland, O.

## 16150— Turbines (Air)

Aurora Automatic Machy. Co. ("Thor"), 1307 So Michigan av, Chicago, Ill.

## 16151—Turbines (Automatic High & Low Pressure Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16151a—\*Turbines (Back Pressure Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16151b—\*Turbines (Belted Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16151c—\*Turbines ("Bleeder" Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16151d—\*Turbines (Extraction, Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16151e—\*Turbines (Geared Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16152—Turbines (Hydraulic)

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

Holyoke Machine Co., Worcester, Mass.

Morris I. P. Co., Beach & Ball, Phila., Pa.

SMITH S. MORGAN CO. ("Smith," "McCormack" & "Success"), York, Pa.

See adv index at end of book

Wellman-Seaver-Morgan Co., Cleveland, O.

## 16152a—\*Turbines (Low Pressure Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16153—\*Turbines (Marine)

WESTINGHOUSE ELECTRIC & MFG. CO. ("Westinghouse" Type), East Pittsburgh, Pa.

See adv index at end of book

## 16153a—\*Turbines (Mixed Flow Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16153b—\*Turbines (Multistage Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16153c—\*Turbines (Pressure Staged Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16153d—\*Turbines (Slow Speed Steam)

DE LAVAL STEAM TURBINE CO., East Trenton, N. J.

See adv index at end of book

## 16154— Turbines (Steam)

ALBERGER PUMP & CONDENSER CO. ("Alberger-Curtis"), 140 Cedar, New York

ALLIS-CHALMERS MFG. CO., Milwaukee, Wis. See adv index at end of book

American & British Mfg. Co. ("Wilkinson"), Charles, Providence, R. I.



Bath Iron Works, Ltd. ("Parson's" Marine), Bath, Me.  
 Connecticut Turbine Mfg. Co. (Auxiliary Type, 25 to 500 H. P.), New London, Conn.

Coppus Equipment & Engineering Co. ("Corpus",  $\frac{1}{2}$  to 30 H. P.), Worcester, Mass.

**DE LAVAL STEAM TURBINE CO.**, (Single Stage & Multi-Stage for Belt & Rope Drives), East Trenton, N. J.  
*See adv index at end of book*

Emerson Engine Co., Alexandria, Va.  
 Fore River Shipbuilding Corp. ("Curtis", Marine), Quincy, Mass.

**GENERAL ELECTRIC CO.** ("Curtis"), Schenectady, N. Y.  
*See adv index at end of book*

**INGERSOLL-RAND CO.**, 11 B'way, New York  
*See adv index at end of book*

Kerr Turbine Co. ("Economy" Non-Condensing, Belted & Direct Connected), Wellsville, N. Y.

Moore Steam Turbine Corp., Wellsville, N. Y.

Morris I. P. Co., Beach & Ball, Phila., Pa.  
 Ohmen Engine Works, 17th & Capp, San Francisco, Cal.

Parsons Marine Steam Turbine Co., 97 Cedar, New York

Rateau Battu Smoot Co., 90 West, New York

Ridgeway Dynamo & Engine Co., Ridgeway, Pa.

Southwark Foundry & Machine Co. ("Southwark-Rateau"), 430 Washington av, Philadelphia, Pa.

**STURTEVANT B. F. CO.**, ("Sturtevant") 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*

Terry Steam Turbine Co. (Direct Connected to Dynamos, Pump, Blowers, etc), Hartford, Conn.

Turbine Equipment Co., 50 Church, New York

**WESTINGHOUSE ELECTRIC & MFG. CO.** ("Westinghouse" Type), East Pittsburgh, Pa. *See adv index at end of book*

#### 16154a—\*Turbines (Velocity Staged Steam)

**DE LAVAL STEAM TURBINE CO.**, East Trenton, N. J.  
*See adv index at end of book*

#### 16155—Tureens (Soup)

International Silver Co., Meriden, Conn.  
 Lalace & Grosjean Mfg. Co., 299 B'way, New York

Manning, Bowman & Co., Meriden, Conn.  
 Wallace R. & Sons Mfg. Co., Wallingford, Conn.

#### 16156—Turmeric

Darragh & Small & Co., Ltd. (Imp), 177 Water, New York.

Fuller & Fuller Co., 325 W Randolph, Chicago, Ill.

Ransom L. E. Co., 271 Pearl, New York

#### 16157—Turnbuckles (Blind)

Reading Hdw. Co. (Also Rim), Reading, Pa.

#### 16158—Turnbuckles (Brass)

Wilcox, Crittenden & Co., Middletown, Conn.

#### 16159—Turnbuckles (Insulated)

Barnes & Kobert Mfg. Co., Mildale, Conn.  
 Electroose Mfg. Co. (Single & Multi-Part), Washington & Plymouth, Brooklyn, N. Y.

Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.

Line Material Co., So. Milwaukee, Wis.

#### 16160—Turnbuckles (Piles)

Vulcan Iron Works, 327 N Irving av, Chicago, Ill.

#### 16161—Turnbuckles (Pipe)

Marine Hardware-Equipment Co. ("Acme" & "Mheco"), So. Portland, Me.  
 Wilcox, Crittenden & Co., Middletown, Conn.

#### 16162—Turnbuckles (Screen Door)

National Mfg. Co., Sterling, Ill.

#### Turnbuckles (Tubular)

See Nuts, Sleeve

**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER**

#### 16163—Turnbuckles (Wrought Iron)

American Bridge Co., 30 Church, New York

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Auer John Jr. (For Wood or Brick Buildings), 197 Middleton, Brooklyn, N. Y.

Barnes & Kobert Mfg. Co. (Steel), Mildale, Conn.

Bethlehem Steel Co., So. Bethlehem, Pa.

Channon Jas. H. Mfg. Co., 227 W. Erie, Chicago, Ill.

Cleveland City Forge & Iron Co., Cleveland, O.

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.

Hubbard & Co. (With Welded Eye Bolts), 63rd & Butler, Pittsburgh, Pa.

Kansas City-Bolt & Nut Co., Kansas City, Mo.

Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.

Laughlin Thos. Co., Portland, Me.

Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Marine Hardware Equipment Co., South Portland, Me.

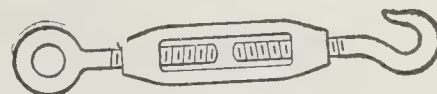
**MERRILL BROS.** (Drop Forged), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*

## TURNBUCKLES



## MERRILL BROS.

3 ARNOLD STREET,  
 MASPETH,  
 NEW YORK CITY



VARIOUS SIZES & LENGTHS  
 PLAIN OR GALVANIZED

Michigan Bolt & Nut Works (Drop Forged), Detroit, Mich.

Newhall Chain, Forge & Iron Co., 89 West New York

O'Leary Arthur J. & Son Co., 65th & 57th av, Chicago, Ill.

Republic Iron & Steel Co. ("Brazil" Hexagonal), Youngstown, O.

Rhode Island Tool Co. (Drop Forged Plain & Eye & Hook & Eye), Providence, R. I.

Ryerson Jos. T. & Son, 2558 W 16th, Chicago, Ill.

St. Louis Screw Co., Clarence & Eulwer avs, St. Louis, Mo.

Steel Car Forge Co., Pittsburgh, Pa.

Strieby & Foote Co. (Drop Forged Steel), 301 Ogden, Newark, N. J.

United States Expansion Bolt Co., Duane & Elm, New York

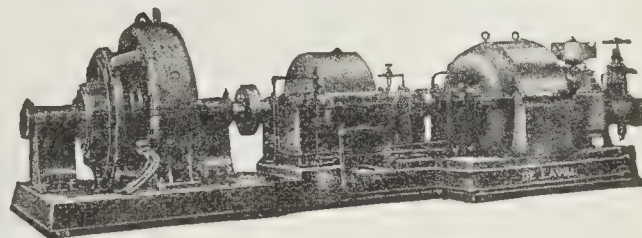
Wilcox, Crittenden & Co., Middletown, Conn.

#### 16164—\*Turnbuckles (Wrought Iron Truss)

**MERRILL BROS.** (Drop Forged), 3 Arnold, Maspeth (Borough of Queens), New York. *See adv index at end of book*

#### 16165—Turn Buttons

Diehl Novelty Co. ("Diehl" Inside for Storm Sash & Screen), Glenbeulah, Wis.



## De Laval Steam Turbines

are built in single-stage, pressure-stage and velocity-stage types for direct connection to electric generators, centrifugal pumps, fans and for rope or belt drive. For slow and moderate speeds, the DeLaval Helical Speed Reducing Gear is employed, permitting the turbine to run at the best speed for efficiency and simplicity of construction, while the driven machine also operates at the most favorable speed. DeLaval Steam Turbines are suited for operation with high-pressure steam exhausting to condenser or atmosphere or against back pressure, for utilizing low-pressure steam, and for mixed-flow or extraction service.

Write for catalog "D55"

**DE LAVAL STEAM TURBINE COMPANY**

**Trenton, New Jersey**



**16166—Turners (Cake)**

Arcade Mfg. Co. (Steel Blade, wood handle), Freeport, Ill.  
 Browne & Dowd Mfg. Co., Meriden, Conn.  
 Buffum Tool Co. ("Swastika" for Griddle Cakes, South Side, Louisiana, Mo.  
 Cassidy Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.  
 Catawissa Specialty Mfg. Co. (Turner & Greaser), Catawissa, Pa.  
 Central Stamping Co., 174 Fulton, New York  
 Fischer Bros. & Corwin, 238 South, Newark, N. J.  
**GEUDER, PAESCHKE & FREY CO.**, Milwaukee, Wis. *See adv index at end of book*  
 Hamblin & Russell Mfg. Co. ("Crown"), Worcester, Mass.  
 Hills Edwin, Plainville, Conn.  
 Hutchins-Kilbourne Co. (Cake, Egg, etc), Buffalo, N. Y.  
 Knickerbocker Mfg. Co., Belleville, N. J.  
 Kohler Die & Specialty Co., De Kalb, Ill.  
 Lalance & Grosjean Mfg. Co., 299 B'way, New York  
 Landers, Frary & Clark, New Britain, Conn.  
 Meriden Cutlery Co., Meriden, Conn.  
 National Enameling & Stamping Co., 411 5th av, New York  
 Parks & Parks, Troy, N. Y.  
 Potter Mfg. Co. ("Potter"), Geneva, O.  
 Republic Metalware Co. (The), Buffalo, N. Y.  
 Standard Aluminum Co. (Aluminum), Two Rivers, Wis.  
 White Ira F. & Son Co., Bloomfield, N. J.

**16167—\*Turners (Wood, Automatic & Variety)**

**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*

**16167a—\*Turnpins (Plumbers)**

Estes E. B. & Sons, 358 5th av, New York *See adv index at end of book*

**16168—Turns (Cupboard)**

Allith-Prouty Co. ("Prouty"), Danville, Ill.  
 Barrows Lock Co., Lockport, Ill.  
 Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.  
 Corbin P. & F., New Britain, Conn.  
 Dent Hardware Co., Fullerton, Pa.  
 Frantz Mfg. Co., Sterling, Ill.  
 Hardware Supply Co., Grand Rapids, Mich.  
 Lawrence Bros. (All Steel), Sterling, Ill.  
 National Mfg. Co. (Pressed Steel or Brass), Sterling, Ill.  
 Peck, Stow & Wilcox Co., Southington, Conn.  
 Penn Hardware Co., Reading, Pa.  
 Reading Hardware Co., Reading, Pa.  
 Russell & Erwin Mfg. Co., New Britain, Conn.  
 Sager Lock Co., North Chicago, Ill.  
 Sargent & Co., New Haven, Conn.  
 Sharon Hardware Mfg. Co. (Pressed Steel), Sharon, Pa.  
 Shelby Spring Hinge Co., Shelby, O.  
 Taylor & Boggis Foundry Co., Cleveland, O.  
 Thayer Mfg. Co., Williamsburg, Mass.

**16169—Turnstiles**

American Passimetry Factory (Registering), 529 B'way, New York  
 Bright H. V. (Registering), Cleveland, O.  
 Fiske J. W. Iron Works, 80 Park pl, New York

Lutz-Webster Engineering Co., 3105 Gray's Ferry av, Phila., Pa.  
 Moore Edgar M. & Co. (Exit), Farmers' Bank bldg, Pittsburgh, Pa.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Snow Wire Works Co. (Registering), Rochester, N. Y.

**16170—Turntable Equipments**

Nichols Geo. P. & Bro. (Electric, Gasoline & Air), Old Colony bldg, Chicago, Ill.  
 Whiting Foundry Equipment Co., Harvey, Ill.

**16171—Turntable Tractors (Electric & Air)**

**DETROIT HOIST & MACHINE CO.**, Detroit, Mich. *See adv index at end of book*

**TURNTABLE TRACTORS**  
**Electric & Air**  
**DETROIT HOIST & MACHINE CO**  
**DETROIT, MICH.**

**NICHOLS GEO. P. & BRO.** (Electric Only), Old Colony bldg, Chicago, Ill.  
 Weir & Craig Mfg. Co. ("J. L. Pilling" Patents), 2421 Wallace, Chicago, Ill.

**16172—Turntables (Automobile)**

American Bridge Co., 30 Church, New York  
 Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Bicycle Step Ladder Co., 6 W Randolph, Chicago, Ill.  
 Cambridge Iron Works, Cambridge, Mass.  
 Canton Foundry & Machine Co. ("Universal"), Canton, O.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Ernst C. K. ("Ernst"), Buffalo, N. Y.  
 Gibbs-Brower Co. (Sterling-Elliott), 261 B'way, New York  
 Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*  
 Lansing Co., Lansing, Mich.  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa.  
*See adv index at end of book*  
**NORTHERN ENGINEERING WORKS** (For Garage Use), 9 Chene, Detroit, Mich. *See adv index at end of book*  
 Pitless Auto Turntable Co. (Pitless), Kansas City, Mo.  
 Portland Garage Co. ("Portland" Washstand Combined), Portland, Me.  
 Roanoke Iron Works, Roanoke, Va.  
 Smith G. W. & F. Iron Co., Gerard, Rox, Boston, Mass.  
 Smith-Lund Co., Paterson, N. J.  
 Zering H. Mfg. Co., Cincinnati, O.

**16173—\*Turntables (Automobile Washstand)**

**LINK-BELT COMPANY**, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*

**16174—Turntables (Industrial Railway)**

*See also Turn Tables, Standard Gauge; also Tables, Transfer*

Atlas Car & Mfg. Co. (Locomotive, etc), Cleveland, O. *See adv index at end of book*  
 Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*

Bonnot Company, Canton, O.  
 Canton Foundry & Machine Co., Canton, O.  
 Chambers Bros. Co. (For Brick Yards, etc), 52d bel Lancaster av, Phila., Pa.  
 Chase Foundry & Mfg. Co., The, 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*

**EASTON CAR & CONSTRUCTION CO.**, 4th, Easton, Pa.

Howe Scale Co. of Illinois, 1315 S Wabash av, Chicago, Ill.

Hunt C. W. Co., West New Brighton, N. Y.  
*See adv index at end of book*

Lake Shore Engine Works, Marquette, Mich.

Lakewood Engineering Co., Cleveland, O.  
*See adv index at end of book*

**LINK-BELT COMPANY** (Ball Bearing), 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R Ry, Phila., Pa. *See adv index at end of book*

Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.

Nazareth Foundry & Machine Co., Nazareth, Pa.

**NORTHERN ENGINEERING WORKS**, 9 Chene, Detroit, Mich.  
*See adv index at end of book*

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*

Russel Wheel & Foundry Co., Detroit, Mich.

Stuebner G. L. Iron Wks., Queensboro Terminal, Long Island City, N. Y.  
*See adv index at end of book*

Turl Iron & Car Co. (Inc.) The, 50 Broad, New York. Works: Newburgh, N. Y.

United Iron Works Co., Springfield, Mo.

Whiting Foundry Equipment Co., Harvey, Ill.

Youngstown Steel Car Co., Youngstown, Ohio

**16175—\*Turntables (Locomotive, Air, Electric & Hand Power)**

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*For branch offices see adv index at end of book*



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 Variety Lathe Work, Native and Foreign Woods

358 5th AVENUE

NEW YORK CITY



16176—Turntables (Overhead)

Atlas Car Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
**CAMERON ENGINEERING CO., East**  
Stroudsburg, Pa.  
*See adv index at end of book*  
Harrington Edw. Sons & Co., 17th & Cal-  
lowhill, Phila., Pa.  
Reading Crane & Hoist Works, Reading,  
Pa.  
Richards-Wilcox Mfg. Co., Aurora, Ill.  
Whiting Foundry Equipment Co., Harvey,  
Ill.  
Yale & Towne Mfg. Co. (Trolley), 9 E  
40th, New York

16177—Turntables (Pressed Steel)

Steacey-Schmidt Mfg. Co., York, Pa.

16178—Turntables (Show Case)

Pearce Fred'k Co., 20 Rose, New York

16179—Turntables (Standard Gauge)

*See also Turntables, Industrial Railway;  
also Tables, Transfer; also Tables,  
Transfer, Electric*

American Bridge Co., 30 Church, New  
York & Pittsburgh, Pa.  
Boston Bridge Works (Railroad Turn-  
tables, etc), 47 Winter, Boston, Mass.  
**CHICAGO BRIDGE & IRON WORKS,**  
2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
Clinton Bridge Works, Clinton, Ia.  
Fulton Foundry Co. (Turn Tables Only),  
Cleveland, O.  
King Bridge Co., Cleveland, O.  
McClintic-Marshall Company, Pittsburgh,  
Pa.  
Missouri Valley Bridge & Iron Co. (A. J.  
Thullock, Prop.), Leavenworth, Kan.  
N. Y. Switch & Crossing Co., Hoboken, N. J.  
Nichols Geo. P. & Bro. (Electric, etc),  
Old Colony bldg, Chicago, Ill.  
Penn. Bridge Co., Beaver Falls, Pa.  
Philadelphia Turntable Co., New Castle,  
Del.  
Republic Iron & Steel Co., Oliver bldg,  
Pittsburgh, Pa.  
Sellers Wm. & Co. (Locomotive), 1600  
Hamilton, Phila., Pa.  
Strobel Steel Construction Co., Monad-  
nock Bld, Chicago, Ill.  
Virginia Bridge & Iron Co., Roanoke, Va.

16180—Turpentine

ALABAMA.

ANDALUSIA—Ashe-Carson Co.  
Sightler, L. H.  
MOBILE—Taylor, Lowenstein & Co.

CALIFORNIA.

SAN FRANCISCO—Noble Electric Steel  
Co., 995 Market

FLORIDA.

APALACHICOLA—Buck J. F.  
Hays N. R.  
Lagoon Co.  
BAKERS MILLS—Vickers & Sandlin  
BALDWIN—Boyd & Saucer  
Saucer-Boyd & Co.  
BARBERVILLE—Tatum & Conrad  
Phila., Pa.  
BARTOW—Morrison & Levanair  
BELLE ISLE—Covington W. H. Co.  
BELLEVIEW—Mayo Turpentine Co.  
BENTON—Joyner & Jones  
BLACKMAN—Monroe W. H.  
BONIFAY—Britt Bros.  
Clark & Co.  
BOWLING GREEN—Lewis, Baldwin & Co.  
BOYETT—Carter F. M. & Co.  
BRANFORD—Osceola Turpentine Co.  
BRISTOL—Bristol Naval Stores Co.  
BUCKHORN—Gaskin & Hentz  
BULOW—Bulow Turpentine Co.  
CHAMPAIGN—Palmer J. J.  
CHARLOTTE HARBOR—Hall R. S. & Co.  
CHERRY LAKE—Hardee & Coody  
DE FUNIAK SPRINGS—Graves-Tatum  
Co.  
Walton Land & Timber Co.  
DE LAND—Tomoka Land Co.  
DUPONT—Dupont Land Co.  
Haw Creek Turpentine Co.

EDGE—McCormick D. G. Co.  
ELLZEY—Graham D. S. & Co.  
ENVILLE—Weeks P. L. & Co.  
FARMDALE—Taylor, Davis & Co.  
FENHOLLOWAY—Mallory Bros. & Turner  
FERNANDINA—Shellbine Turpentine Co.  
FORT MEADE—Morrison & McIntyre  
FREEPORT—McCaskill J. J. Co.  
GAINESVILLE—Stringfellow J. D.  
(Wood)  
Stringfellow & Ganey  
GREEN COVE SPRINGS—National Pulp  
& Turpentine Co.  
Shands T. W. & Co.  
Smith Turpentine Co.  
GRIFFIN—Kelly J. K. & Co.  
GULL POINT—Pensacola Tar & Turpen-  
tine Co.  
HAINES CITY—Malloy & Miller  
HAMPTON SPRINGS—Malloy, Smith &  
Co.  
HARPER—Eryan-Metcalf Co.  
HAVANA—Horne & Butler  
HAYS—Hays & Murdaugh  
HERNANDO—Clark-Ray-Johnson Co.  
HERNDON—Powell Bros.  
HOLDER—Robinson T. W.  
HOLLEY—Bell O. C.  
HOPEWELL—Sinclair C. W.  
HOSFORD—Graves Bros. Co.  
HUNTINGTON—Ganos & Smith  
HURDS—Williams & Williams  
JACKSONVILLE—Consolidated Naval  
Stores Co.  
Herty Turpentine Cup Co.  
Hillman W. J. Co.  
Peninsular Naval Stores Co.  
West E. E.  
JANNEY—Suwane Turpentine Co.  
JASPER—Sandlin J. R.  
KISSIMEE—Drew Miller & Co.  
LACOCHEE—Dutton J. W. & Co.  
LAKE BUTLER—Townsend J. W.  
LARGO—Ulmer M. W.  
LAWTEY—Bostwick, Harley & Co.  
LEBANON—King R. M. Lumber Co.  
West & Co.  
LEE—Baldwin & Lewis  
LESSIE—Gross J. H. & Co.  
LOUGHMAN—Bessinger & Co.  
Deen Turpentine Co.  
McINTYRE—Cochran & Phillips  
MICANOPY—Micranopy Turpentine Co.  
MILLCREEK—Omstead O. J.  
MILTON—Barber Turpentine Co.  
MONTICELLO—Bryan N. C.  
McClellan James A.  
MOSELEY HALL—Jordan, Millnor & Co.  
MOSSY HEAD—Ginsberg S.  
MOULTRIE—Carter W. W.  
NEW SMYRNA—Glencoe Turpentine Co.  
OAK—Stuckey & Tiller Co.  
O'BRIEN—Peterson W. R.  
OCALA—Hall R. S. & Co.  
ODESSA—Gulf Pine Co.  
PERRY—Blair & Hinely & Marable  
Holmes Jas. & Son  
RAIFORD—Padgett P. M. & Co.  
RICHLAND—Johnson & Williams  
ROCKBLUFF—Rockbluff Co.  
RODMAN—Rodman Turpentine Co.  
SAGANO—Weeks J. S. & Sons  
SAN ANTONIO—McLeod Geo. A.  
SINCLAIR—Meldrim & Sinclair  
SUMATRA—Fryer R. D.  
TAFT—Sphaler W. G. & Son  
THELMA—Blue Creek Co.  
VILAS—New River Turpentine Co.  
WAUCHULA—Petteway Turpentine Co.  
Ratliff D. O.  
WEBSTER—Getzen J. C.  
WILDWOOD—McRainey & Bridges  
WILLISTON—Hinson C. & Co.  
WINTER GARDEN—McKinnon D.  
WOODVILLE—Rhodes G. W.  
Williamson & Co.

GEORGIA.

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ALTAMAHA—Tippins John U.  
ARLINGTON—Newberry Isaac  
AUTREYVILLE—Autrey & Tyndall  
BAXLEY—Graham Mrs. S. C. & Son  
BLAKELY—McLendon R. R.  
Sheffield R. H.  
BLITCHTON—Blitch T. N.  
BLUFFTON—Hattaway & Co.  
BUENA VISTA—Hagan, Lane & Co.  
CAMILLA—McRee & McNeil  
CLIMAX—Peacock & Co.  
CLITO—McDougal Outland & Co.  
COLQUITT—Fudge F. E.  
Shingler J. S. & Bro.

CUTTING—Georgia Lumber & Turpentine  
Co. (Wood Spirits of Turpentine)  
CYRENE—Hodges C. S.  
DAISY—Tippins A. L.  
DAMASCUS—Haddock, Talliferro & Co.  
DONALDSONVILLE—Shingler G. P. &  
Co.  
Shingler T. J. & Bros.  
EDEN—Fetzger G. W.  
FENDIG—McKinnon L. T. & Co.  
GRAHAM—Userv L. C. & Co.  
HAHIRA—Malloy D. C. & Co.  
HALCYON DALE—Evans I. H.  
Sharpe W. H.  
HAZELHURST—Hall J. F.  
HELENA—McMillan & Johnson  
HERSHMAN—Wade J. T.  
HOMERVILLE—Barnhill J. F.  
Ferndon J. H.  
Peagler H. M.  
IRON CITY—Hagan G. W.  
Rabon J. D.  
JACKSONVILLE—Lott W. W.  
KINDERLOU—Young-Burton Co.  
LEARY—Williams B. B.  
LEXSY—Youmans Bros.  
McDONALD—Tanner & Gillis  
McGREGOR—McArthur W. T.  
MEIGS—Carter J. N.  
MILITOWN—Brigman, Shingler & Co.  
Byrd J. L. & Co.  
MINEOLA—Mineola Naval Stores Co.  
MOULTRIE—Moore & Horkan  
NEWINGTON—Newington Naval Stores  
Co.  
NIELLY (P. O. at Lumber City)—Smith,  
T. J.  
NORMAN PARK—Norman Bros.  
Norman M. D. & J. T.  
Norman R. L.  
ODUM—O'Quinn W. J. & Sons  
PELHAM—Moore, Prince & Co.  
QUITMAN—De Soto Co.  
REGISTER—Register F. P. Co.  
ROCKY FORD—Finch D. C.  
ST. GEORGE—Roberts E. J. & Son  
St. Mary's Naval Stores Co.  
SALE CITY—Jones A. T. & H. H.  
SAVANNAH—Antwerp Naval Stores Co.  
Chatham Mfg. Co.  
Columbia Naval Stores Co., Savan-  
nah, Ga.  
London-Savannah Naval Stores Co.  
STATESBORO—McDougald J. A.  
Williams, Outland & Co.  
STOCKTON—Fry E. Y.  
SUMNER—Phillips & Guest  
SURRENCY—Ross J. A.  
SYLVANIA—Mallory W. A. & Bro.  
Pfeiffer C. B. (Est. of)  
THOMASVILLE—Floyd & Lee  
VALDOSTA—Shaw & Truelove  
VIDALIA—Peacock, Kelly & Co.  
WHITE OAK—McKinnon & McCarthy  
WORTH—Pate & Co.

ILLINOIS.

CHICAGO—Adams Fred C. (Mfrs', Agt,  
Gum Turpentine & Wood Turpen-  
tine) 234 S La Salle.  
Central Commercial Co. (Jobbers), 111  
N Market  
Stuart D. A. & Co., 29 S La Salle.

IOWA.

DES MOINES—Ankeney Linseed Mfg. Co.,  
(Jobbers)

LOUISIANA.

COVINGTON—Jones & Pickett  
Picayune Turpentine Co.  
DE RIDDER—Long Bell Naval Stores Co.  
ELIZABETH—Producers' Turpentine Co.  
NEW ORLEANS—Forest Products Co.,  
1212 Whitney  
Naval Stores Marketing Co. (Jobbers),  
Canal Bank bldg

MAINE.

PORTLAND—Brown Corp. ("La Tuque")

MICHIGAN.

CADILLAC—Cadillac Turpentine Co.

MINNESOTA.

ST. PAUL—American Linseed Co., 794  
Hampden av



**MISSISSIPPI.**

**HATTIESBURG**—Hattiesburg Wood Reduction Co.

**MISSOURI.**

**ST. LOUIS**—Pierce Oil Corp., Bank of Com. bldg

**NEW YORK.**

**NEW YORK**—Barclay Naval Stores Co. (Wood & Gum Spirits), 44 Whitehall

Baxter G. S. & Co., 17 William

Casey John A. Co. (Jobbers), 144 Maiden la

General Naval Stores Co., Inc., ("Newport"), 90 West

Georgia Pine Turpentine Co. (of New York) ("Turpyne" Wood), 160 Perry

Larendon M. W. & Co. (Jobbers), 82 Wall

National Rosin Oil & Size Co., 90 West

Sealy Thomas (Jobbers "Pine Tree," "Standard," "Paragon," Spirits, 138 Front

Turton C. B. Co. (Jobbers), 16 Exchange pl

**NORTH CAROLINA.**

**ANGIER**—Williams J. C. & B. F.

**CANTON**—Champion Fibre Co.

**MANLY**—Buchan P. F.

**NEWBERN**—Ellis Mrs. E. B.

**WILMINGTON**—Martin Wm. A. & Co. (Spirits)

Morton Geo. L. Co.

National Wood Products Co.

O'Grimes James

**OHIO.**

**CINCINNATI**—Winkler Isaac & Bro. (Jobbers)

**PENNSYLVANIA.**

**GLENSHAW**—Brazilian Turpentine Co. (Ltd.)

**PHILADELPHIA**—Boley C. H. Co. 3722 N. Randolph

**PITTSBURGH**—Ball Chemical Co. ("B. C. Spirits") Fulton bldg

**SOUTH CAROLINA.**

**GEORGETOWN**—Cannon B. W. Southern Extracting Co.

**TEXAS.**

**BEAUMONT**—Producers Turpentine Co.

**WISCONSIN.**

**MILWAUKEE**—Newport Turpentine & Rosin Co.

**16181—Turpentine (Mineral)**

Waverly Oil Works Co. ("Tur-Min-Tine"), Pittsburgh, Pa.

**16182—Turpentine Substitute**

Alcatraz Co., Inc. (Turpentine), 3200 Williamsburg av, Richmond, Va.

Atlantic Turpentine & Pine Tar Co., Savannah, Ga.

Baker Wm. T. ("Pinatine"), 224 Suydam av, Jersey City, N. J.

Boley C. H. Co. ("Quaker" Gum Spirits), 3722 N. Randolph, Philadelphia, Pa.

Burbank & Ryder (Varnish Crown Spirits), Boston, Mass.

Canfield Oil Co., Cleveland, O.

Climax-Western Oil Co. ("Turpolene" Spirits), 2824 10th av S, Minneapolis, Minn.

Garnet Co., The ("Turpsoid"), Allentown, Pa.

Indian Refining Co., 44 Whitehall, New York

Patton Paint Co. ("Leptyne"), Milwaukee, Wis.

Sun Co., Finance bldg, Philadelphia, Pa.

Terabentine Co. ("Diamond T. Turpalin"), Commercial Trust bldg, Philadelphia, Pa.

Texas Co., 17 Battery pl, New York

Turpsene Mfg. Co. ("Turpsene"), 1901 Cal-lowhill, Phila., Pa.

**WAVERLY OIL WORKS CO.** ("Tur-Min-Tine"), Pittsburgh, Pa.

**16183—Turret Attachments**

Bradford Machine Tool Co., Cincinnati, O.

Goodell-Pratt Co., Greenfield, Mass.

Hendey Machine Co. ("Hendey" for Engine Lathes), Torrington, Conn.

**16184-5—Turrets (Tool-Post)**

Carson & Hertwig (Cross-Slide), 25 Hackett, Newark, N. J.

Newman Mfg. Co., 717 Sycamore, Cincinnati, O.

**16186—Tuyeres & Coolers**

Ajax Metal Co., 46 Richmond, Philadelphia, Pa.

Atlas Engineering Co. (Gas Producer Tuyeres), Amherst, O.

See adv index at end of book

Bronze Age Metal Co., 5323 Butler, Pittsburgh, Pa.

Glib V. & Son (Copper), Birmingham, Ala.

Hartman Co., 1231 N Front, Phila., Pa.

Keystone Bronze Co., Pittsburgh, Pa.

Lawrenceville Bronze Co. (Also Notches), 31st & Penn av, Pittsburgh, Pa.

Mackenzie's Duncan Sons Co., Trenton, N. J.

More-Jones Brass & Metal Co. (Copper), B'way & Dock, St. Louis, Mo.

Smeeth-Harwood Co., 2401 W 22nd, Chicago, Ill.

**16187—Tweezers**

Adell Mfg. Co. ("Tolman"), Orange, Mass.

Boettiger Louis A. Co. (Hair), 48 Leonard, New York

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York

Forquignon Emile, 377 4th av, New York

Grammes L. F. & Sons, Allentown, Pa.

Ross Jos. & Co., Irvington, N. J.

Schnefel Bros., 684 S 17th, Newark, N. J.

**16188—Tweezers (Piano Makers')**

Kraeuter & Co., 583 18th av, Newark, N. J.

**16189—Tweezers (Self-Locking)**

World Novelty Displays Co., 71 Nassau, New York

**16190—\*Twin Bolts (For Hollow Walls, Metal, Etc.)**

**DIAMOND EXPANSION BOLT CO.** ("Diamond"), 89 West, New York

See adv index at end of book

**16191—Twine (Binder)**

See also Binder, Twine

(We do not list State Penitentiaries)

American Mfg Co. (Sisal & Manila & Jute) West, Brooklyn, N. Y.

Chelsea Fibre Mills, 212 5th av, New York

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.

See adv index at end of book

Fittler Edwin H. Co., 517 Arch, Phila., Pa.

Groendyke J. C. (Manila & Sisal), 8 S Dearborn, Chicago, Ill.

Hooven & Allison Co. ("Star-A. H."), Xenia, O.

Indianapolis Cordage & Impt. Co. (Manila & Sisal), 1959 S Meridian, Indianapolis, Ind.

**INTERNATIONAL HARVESTER CO. OF AMERICA (INC.)**, (Champion "Deering," "Milwaukee," "McCormick," "Osborne," "Peano - International," Five Grades—Standard, Sisal, Extra Manila, Pure Manila), 702 Harvester bldg, Chicago

See adv index at end of book

Jackson Thos & Son Co. (Manila & Sisal), Reading, Pa.

Kelly R. A. Co., Xenia, O.

Kentucky River Mills (Hemp), Frankfort, Ky.

New Bedford Cordage Co. (Jute), New Bedford, Mass.

Peoria Cordage Co. (Sisal & Manila), Peoria, Ill.

Portland Cordage Co. (Flat) 14th & Northrup, Portland, Ore.

Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

Unity Cotton Mills (Cotton), La Grange, Ga.

Wall Rope Works, 48 South, New York

**Waterbury Co. (Sisal & Manila), 63 Park Row, New York**

Whitlock Cordage Co., 46 South, New York

**16192—\*Twine (Box & Shook)**

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.

See adv index at end of book

**16193—\*Twine (Broom)**

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.

See adv index at end of book

**16194—Twine (Cotton)**

Ackerly Paul, Vernon, Conn.

Argonaut Cotton Mill Co., Covington, Ky.

Atkins & Pearce Mfg. Co., 5th & Eggles-ton av, Cincinnati, O.

Barrows Mfg. Co., Lansdale, Pa.

Beaumont Mfg. Co., Spartanburg, S. C.

Bemis Bro. Bag Co., 601 S 4th, St. Louis, Mo.

Bibb Mfg. Co., Macon, Ga.

California Cotton Mills Co., Oakland, Cal.

Canonchet Line & Twine Co., Canonchet, R. I.

Central Mills Co., Southbridge, Mass.

Cleveland Mill & Power Co., Lawndale, N. C.

Cutler Mills (Carpet & Knitting), Warren, R. I.

Dexter Yarn Co., Pawtucket, R. I.

Double Shoal Cotton Mill (Wrapping & Sewing), Double Shoal, N. C.

Eagle Cotton Mills Co., Madison, Ind.

Ederer R. J. Co., 317 N Michigan av, Chicago, Ill.

Edwards Mills (in Balls), Crawford, Ga.

Ensign Cotton Mills, Forsyth, Ga.

Enterprise Cotton Mills (in Balls), Enterprise, Ala.

Estes Mills, ("D." "W." "B." "A.") Fall River, Mass.

Eureka Cotton Mills, Englewood, Tenn.

Franklin Cotton Mill Co., Plum & Charles, Cincinnati, O.

Fricke J. E. Co., 247 Market, Phila., Pa.

Fulton Bag & Cotton Mills, Atlanta, Ga.

Georgia Cordage Mills, Scottdale, Ga.

Glencoe Cotton Mills, Columbia, S. C.

Grahamton Mfg. Co., Grahamton, Ky.

Gray S. & Co. (Colored), Walpole, Mass.

Greene & Daniels Co. (Druggists), Pawtucket, R. I.

Gulf Bag Co. ("Bemis" Sall), 330 Notre Dame, New Orleans, La.

Hall Lincoln & Co., 154 Milk, Boston, Mass.

Hodson J. M., Boone & Markle, Philadelphia, Pa.

Holden James, Fall River, Mass.

Hooper Sons Mfg. Co., Juniper & Cherry, Phila., Pa.

Hooper W. E. & Sons Co., Maryland Life bldg, Baltimore, Md.

Humboldt Cotton Mills, Humboldt, Tenn.

January & Wood Co., Maysville, Ky.

Johnson R. Yarn & Cordage Mills, Madison, Ind.

Jonesboro Yarn Mills Co., Jonesboro, Tenn.

Knox W. & J. Net & Twine Co., cor Calvert & Lombard, Baltimore, Md.

Lawrence Duck Co., Lawrence, Mass.

Linen Thread Co., 96 Franklin, New York

Louisville Cotton Mills Co., Louisville, Ky.

Mallison Braided Cord Co., Athens, Ga.

Manchester Mfg. Co., Macon, Ga.

Missouri Cotton Yarn Mfg. Co. (Wrapping & Sewing), 300 Lynch, St. Louis, Mo.

Montgomery Cordage Co., Montgomery, Ala

Moore C. & Co., 5th & Market, Philadelphia, Pa.

Mt. Vernon-Woodberry Mills, Continental bldg, Baltimore, Md.

Oakdale Cotton Mills, Jamestown, N. C.

Orange Cotton Mills (Wrapping), Orangeburg, S. C.

Oxford Cotton Mills, Oxford, N. C.

Pelham Mills (in Balls), Pelham, S. C.

Peter & Guckenberger, Harriet & Budd, Cincinnati, O.

Pioneer Cotton Mills, Guthrie, Okla.

Rock River Cotton Co., Jonesville, Wis.

Royal River Mfg. Co., Yarmouth, Me.



**Southern Mills Corp.**, Oxford, Ala.  
**Tallassee Falls Mfg. Co.**, Tallassee, Ala.  
**Tennessee Line & Twine Co.** (Fancy Colored, on 1/2 to 60 lb. Tubes), Elizabethton, Tenn.  
**Thompson J. & Co.**, Valley Falls, N. Y.  
**Townsend H. C. Cotton Mills** (In Balls, also on Cones & Tubes), Anderson, S. C.  
**Trio Mfg. Co.**, Forsyth, Ga.  
**Twine Mills Corp.** (White & Colored), Roanoke, Va.

**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.  
*See adv index at end of book*  
**Union Twine Co.**, Canonchet, R. I.  
**Unity Cotton Mills**, La Grange, Ga.  
**West Huntsville Cotton Mills Co.**, Huntsville, Ala.  
**Westport Mfg. Co.** (Wrapping), Fall River, Mass.  
**Yocona Mills**, Water Valley, Miss.  
**Young J. B., J. & Levick**, Phila., Pa.

### 16195— Twine (Flax)

**American Mfg. Co.**, West, Brooklyn, N. Y.  
**Barbour Flax Spinning Co.**, Paterson, N. J.  
**Bemis Bro. Bag Co.**, 601 S 4th, St. Louis, Mo.  
**Cable Flax Mills**, Schaghticoke, N. Y.  
**California Cotton Mills Co.**, Oakland, Cal.  
**Cating Rope Works**, Maspeth, N. Y.  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
**Fulton Bag & Cotton Mills**, Atlanta, Ga.  
**Linen Thread Co.**, 96 Franklin, New York  
**Peter & Guckenberger**, Harriet & Budd, Cincinnati, O.  
**Rauschenberger John Co.**, 87 W Water, Milwaukee, Wis.  
**Smith & Dove Mfg. Co.**, Andover, Mass.  
**Thompson J. & Co.**, Valley Falls, N. Y.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.  
*See adv index at end of book*  
**Western Linen Co.**, Duluth, Minn.

### 16196— \*Twine (Ham)

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*

### 16197— Twine (Harness)

**Allen J. & S.** (Linen), Walpole, Mass.  
**American Thread Co.** (Cotton), 260 W B'way, New York  
**Ballou Thread Co.**, 189 Charles, Providence, R. I.  
**Barrows Mfg. Co.** (Cotton & Linen), Lansdale, Pa.  
**Cranston Worsted Mills**, Bristol, R. I.  
**Fawcett Hughes**, 115 Franklin, New York  
**Hoffman-Corr Mfg. Co.**, 312 Market, Phila., Pa.  
**Kreitler Chas.** (Linen), Newark, N. J.  
**McComeskey T.**, 3731 Frankford, Phila., Pa.  
**Moore C. & Co.** ("Jacquard"), 5th & Market, Philadelphia, Pa.  
**Smith & Dove Mfg. Co.**, Andover, Mass.  
**Winne F. W. & Son**, 237 Market, Philadelphia, Pa.

### 16198— Twine (Hemp)

**American Mfg. Co.** (Indian, Italian & American), West, Brooklyn, N. Y.  
**Bailey J. T. & Co.**, Water & Morris, Phila., Pa.  
**Barbour Flax Spinning Co.**, Paterson, N. J.  
**Bemis Bro. Bag Co.**, 601 S 4th, St. Louis, Mo.  
**Cable Flax Mills**, Schaghticoke, N. Y.  
**California Cotton Mills Co.**, Oakland, Cal.  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
**Fulton Bag & Cotton Mills**, Atlanta, Ga.  
**Hanover Cordage Co.**, Hanover, Pa.  
**Hooven & Allison Co.**, Xenia, O.  
**Kentucky River Mills**, Frankfort, Ky.  
**Linen Thread Co.**, 96 Franklin, New York  
**Peter & Guckenberger**, Harriet & Budd, Cincinnati, O.  
**Rauschenberger John Co.**, 87 W Water, Milwaukee, Wis.  
**Thompson J. & Co.**, Valley Falls, N. Y.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.  
*See adv index at end of book*

### 16199— Twine (Jute)

**Allentown Spinning Co.**, Allentown, Pa.  
**American Mfg. Co.**, West, Brooklyn, N. Y.  
**Bailey J. T. Co.**, Water & Morris, Phila., Pa.  
**Bemis Bros. Bag Co.**, 601 S 4th, St. Louis, Mo.  
**Cable Flax Mills**, Schaghticoke, N. Y.  
**Chelsea Fibre Mills**, 212 5th av, New York  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
**Crichton Alex F.**, 16th & Ry. av, Wilmington, Del.  
**Dolphin Jute Mills**, Paterson, N. J.  
**Fulton Bag & Cotton Mills**, Atlanta, Ga.  
**Hanover Cordage Co.**, Hanover, Pa.  
**Hodson J. M., Boone & Markle**, Philadelphia, Pa.  
**Hooven & Allison Co.**, Xenia, O.  
**Jackson T. & Son Co.**, Reading, Pa.  
**Linen Thread Co.**, 96 Franklin, New York  
**Ludlow Mfg. Associates**, 111 Devonshire, Boston, Mass.  
**Peter & Guckenberger**, Harriet & Budd, Cincinnati, O.  
**Radcliffe & Shaw Co.**, Glen Rock, Pa.  
**Rauschenberger John Co.**, 87 W Water, Milwaukee, Wis.  
**Schlichter Jute Cordage Co.**, 20 N Front, Phila., Pa.  
**Sutherland & Edwards Co.**, Paterson, N. J.  
**Tubbs Cordage Co.**, Kohl bldg, San Francisco, Cal.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.  
*See adv index at end of book*

### 16200— Twine (Linen)

**Barbour Flax Spinning Co.**, Paterson, N. J.  
**Barrows Mfg. Co.**, Lansdale, Pa.  
**Bemis Bros. Bag Co.**, 601 S 4th, St. Louis, Mo.  
**Boston Thread & Twine Co.**, Boston, Mass.  
**Cable Flax Mills**, Schaghticoke, N. Y.  
**Fulton Bag & Cotton Mills**, Atlanta, Ga.  
**Moore C. & Co.**, 5th & Market, Philadelphia, Pa.  
**Thompson J. & Co.**, Valley Falls, N. Y.  
**Western Linen Co.**, Duluth, Minn.

### 16201— \*Twine (Mattress)

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*

### 16202— Twine (Paper)

**Hayner Geo. M.**, 541 W 56th, New York

### 16203—\*Twine (Papermakers')

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*

### 16204— Twine (Sail)

**American Mfg. Co.**, West, Brooklyn, N. Y.  
**Bemis Bro. Bag Co.**, 601 S 4th, St. Louis, Mo.  
**Brownell & Co.**, Moodus, Conn.  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
**Dexter Yarn Co.**, Pawtucket, R. I.  
**Gulf Bag Co. (Imp.)**, 330 Notre Dame, New Orleans, La.  
**Hall, Lincoln & Co.** (Cotton), 154 Milk, Boston, Mass.  
**Hanover Cordage Co.**, Hanover, Pa.  
**Mallison Braided Cord Co.**, Athens, Ga.  
**Mt. Vernon-Woodberry Mills**, Cont. bldg, Baltimore, Md.  
**Schlichter Jute Cordage Co.** (Jute), 20 N Front, Phila., Pa.  
**Trio Mfg. Co.** (Cotton), Forsyth, Ga.  
**Whittier Mills Co.**, Chattahoochee, Ga.

### 16205— Twine (Seine)

**American Net & Twine Co.**, 575 Atlantic av, Boston, Mass.  
**American Thread Co.** (Cotton), 260 W B'way, New York  
**Armon Mfg. Co.** (For Hose), Mount Holly, N. C.  
**Ashaway Line & Twine Mfg. Co.** (Cotton), Ashaway, R. I.  
**Ribb Mfg. Co.**, Macon, Ga.  
**Brownell & Co.** (Hard, Medium & Soft Cotton), Moodus, Conn.

**Cleveland Mill & Power Co.** (Cotton), Lawndale, N. C.  
**Dexter Yarn Co.**, Pawtucket, R. I.  
**Electric Hose & Rubber Co.** (For Mfrs. of Braided Hose), 12th & Dure, Wilmington, Del. *See adv index at end of book*  
**Gloucester Net & Twine Co.** (Cotton), Gloucester, Mass.  
**Greene & Daniels Co.**, Pawtucket, R. I.  
**Jonesboro Yarn Mills Co.** (Cotton), Jonesboro, Tenn.  
**Knox W. & J. Net & Twine Co.** (Cotton), c Calvert & Lombard, Baltimore, Md.  
**Lees Mfg. Co.**, Westport, Conn.  
**Linen Thread Co.** (Cotton), 96 Franklin, New York  
**Mt. Vernon-Woodberry Mills**, Cont. bldg, Baltimore, Md.  
**Neptune Twine & Cord Mills**, Moodus, Conn.  
**N. Y. Net & Twine Co.** (Cotton), Moodus, Conn.  
**Oxford Cotton Mills** (Cotton), Oxford, N. C.  
**Pioneer Cotton Mills** (Cotton), Guthrie, Okla.  
**Purple A. E.** (Cotton), Moodus, Conn.  
**Schlichter Jute Cordage Co.** (Jute), 20 N Front, Phila., Pa.  
**Tennessee Line & Twine Co.**, Elizabethton, Tenn.  
**Trio Mfg. Co.** (Cotton), Forsyth, Ga.  
**Unity Cotton Mills**, La Grange, Ga.

### 16206—Twine (Tarred Hemp)

**American Mfg. Co.**, West, Brooklyn, N. Y.  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*

### 16207— \*Twine (Wool)

**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*

### 16208-9—Twine (Wrapping)

**American Mfg. Co.**, West, Brooklyn, N. Y.  
**Armon Mfg. Co.** (Cotton), Mount Holly, N. C.  
**COLUMBIAN ROPE CO.**, 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
**Double Shoal Cotton Mill** (Cotton), Double Shoals, N. C.  
**Enterprise Cotton Mills** (Cotton), Enterprise, Ala.  
**Georgia Cordage Mills** (Cotton), Scottdale, Ga.  
**Hanover Cordage Co.**, Hanover, Pa.  
**Kentucky River Mills** (Hemp), Frankfort, Ky.  
**Lees Mfg. Co.**, Westport, Conn.  
**Linn Mills Co.** (Cotton), Landis, N. C.  
**Mallison Braided Cord Co.**, Athens, Ga.  
**Manchester Mfg. Co.** (Cotton), Macon, Ga.  
**Missouri Cotton Yarn Mfg. Co.** (Cotton), 300 Lynch, St. Louis, Mo.  
**Montgomery Cordage Co.** (Cotton), Montgomery, Ala.  
**Mount Pleasant Banding Co.** (Cotton), New Bedford, Mass.  
**Orange Cotton Mills** (Cotton), Orangeburg, S. C.  
**Schlichter Jute Cordage Co.** (Jute), 20 N Front, Phila., Pa.  
**Townsend H. C. Cotton Mills** (Cotton & Balls), Anderson, S. C.  
**Trio Mfg. Co.** (Cotton), Forsyth, Ga.  
**UNION PAPER & TWINE CO.**, 125 St. Clair av N W, Cleveland, O., & 538 Brisbane bld, Buffalo, N. Y.  
*See adv index at end of book*  
**Yocona Mills**, Water Valley, Miss.

### 16210—Type Founders (Lead)

**American Type Founders Co.**, Communipaw av, Jersey City, N. J.  
**Atlantic Type Foundry Co.**, 190 Congress, Phila., Pa.  
**Barnhart Bros. & Spindler**, 32 Throop, Chicago, Ill.  
**Damon Geo. & Sons**, 44 Beekman, New York  
**Hansen H. C. Type Foundry**, 190 Congress, Boston, Mass.  
**Keystone Type Foundry**, 9th & Spruce, Phila., Pa.  
**Western Type Foundry**, 115 W Harrison, Chicago, Ill.



**16211— Type (Rubber)**

Consolidated Stamp Mfg. Co. (Solid), 87 Maiden la, New York  
 Dorman J. F. W Co. ("Perfection"), 526 N Calvert, Baltimore, Md.  
 Fulton Specialty Co., Elizabeth, N. J.  
 Gibson A. C. Co., Buffalo, N. Y.  
 Smith R. H. Mfg. Co. (Metal Body), Springfield, Mass.  
 Superior Type Co., 32 S Clinton, Chicago, Ill.  
 Swisher R. D. Mfg. Co. (Solid, etc, also Type for All Can Stamping Machines), 413 S Clinton, Chicago, Ill.

**16212— Type (Steel)**

Burns Typewriter Co., Buffalo, N. Y.  
 Schoder & Lombard Engineering Co., 261 Canal, New York

**16213— Type (Wood)**

Empire Wood Type Co., 31 Ferry, New York  
 Hamilton Mfg. Co., Two Rivers, Wis.

**Typewriter Carbon Papers**

See Paper, Carbon

**16213a— Typewriter Keys**

du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York  
 Peerless Key Co., 176 Fulton, New York

**16214— Typewriter Parts**

Ames & Filstead Co., The, 607 S Dearborn, Chicago, Ill.  
 Nichols W. H. Waltham, Mass.  
 Waltham Screw Co., Waltham, Mass.

**16215— Typewriter Ribbons**

American Multigraph Sales Co., 1832 E 40th, Cleveland, O.  
 American Ribbon & Carbon Co. ("Eagle"), Rochester, N. Y.  
 Apter Bros. Mfg. Co., 412 S 5th av, Chicago, Ill.  
 Ault & Wiborg Co., Cincinnati, O.  
 Bayer Frank Co. ("Markwell"), 119 Lafayette, New York  
 Black Diamond Ribbon & Carbon Co. ("Black Diamond"), Rochester, N. Y.  
 Brecher E. A. & Co. ("Unxld," "Sterling," "Merit"), 119 Lafayette, New York  
 Buckeye Ribbon & Carbon Co., Cleveland, Ohio  
 Canode & Hunt Mfg. Co., 536 S Clark, Chicago, Ill.  
 Carter's Ink Co. ("Ideal"), E Cambridge, Boston, Mass.  
 Columbia Ribbon & Carbon Mfg. Co. ("Columbia"), 69 Wooster, New York  
 Corona Supply Co. ("Corona"), Rochester, N. Y.  
 Crown Ribbon & Carbon Mfg. Co. ("Crown," "Globe"), Rochester, N. Y.  
 Dalton Ernest ("St. Francis" & "Golden West"), 444 Market, San Francisco, Cal.  
 De-Fi Mfg. Co. ("De-Fi Polychrome"), 150 Nassau, New York  
 Downes & Co. ("So Kleen"), 63 Wall, New York  
 Foyer Chas. A. & Co. ("Foyer"), 1120 Prospect av, Cleveland, O.  
 Heale J. A. & Co. ("H.-B.," "Crystal," "Rival," "Export"), 96 John, New York  
 Imperial Mfg. Co., 297 Washington, Newark, N. J.  
 Indeliba Mfg. Co. (Inc.), Rochester, N. Y.  
 International Carbon Paper Co. ("I. C. P. Co."), 206 B'way, New York  
 Kee Lox Mfg. Co. ("Kee Lox"), Rochester, N. Y.  
 Kruse Printing Ink Co., 437 Pearl, New York  
 Little A. P., Rochester, N. Y.  
 Manifold Supplies Co., 188 3d av, Brooklyn, N. Y.  
 Mercury Mfg. Co. ("Mercury"), 17 Elm, Rochester, N. Y.  
 Miller-Bryant-Pierce Co. ("Carnation," "Diamond," "Elk," "Aurora," "M. B. P."), Aurora, Ill.  
 Minford Ribbon & Carbon Co., 444 Pearl, New York  
 Mittag & Volger ("Eureka"), Park Ridge, N. J.

National Ribbon & Carbon Co., 411 Frankfort av, Cleveland, O.  
 Neldich Process Co., Burlington, N. J.  
 Pelton George E. & Co. ("Peau-de-Soie"), Georgetown, Ky.  
 Pen-Carbon Manifold Co. ("Cotton King" Mercerized Silk), New Brunswick, N. J.  
 Republic-Dodge Mfg. Co. ("Du-Ra-Bul"), 188 3d av, Brooklyn, N. Y.  
 Snelling & Son, 225 34th, Brooklyn, N. Y.  
 Stafford S. S., 609 Washington, New York  
 Storms H. M. Co. ("American," "Cameo," "Reliance," "Whitedge"), 11 Vandewater, New York  
 Typerribbon Mfg. Co. ("Van Sen"), 711 S Dearborn, Chicago, Ill.  
 Underwood J. & Co., 62 Park pl, New York  
 Union Ribbon & Carbon Co. ("Apex," "Summit"), Front & Laurel, Phila., Pa.  
 United States Typewriter Ribbon Mfg. Co. ("U. S."), 124 S. 8th, Philadelphia, Pa.  
 Vacuo-Static Carbon Co. ("Wearebest"), Rochester, N. Y.  
 Webster F. S. Co. ("Star"), 340 Congressional, Boston, Mass.

**16216— Typewriters**

Allen Typewriter Co., Allentown, Pa.  
 American Typewriter Co., 265 B'way, New York  
 American Writing Machine Co., 343 B'way, New York  
 Blickensderfer Mfg. Co., Stamford, Conn.  
 Columbia Typewriter Mfg. Co., 62 Reade, New York  
 Corona Typewriter Co., Groton, N. Y.  
 Elliott-Fisher Co., Harrisburg, Pa.  
 Fox Typewriter Co., Grand Rapids, Mich.  
 Galesburg Writing Machine Co. ("Chicago"), Galesburg, Ill.  
 Hammond Typewriter Co. ("Hammond"), Visible, 537 E 69th, New York  
 Hooven, Owens, Rentschler Co. ("Hooven Automatic"), Hamilton, O.  
 Noiseless Typewriter Co., Middletown, Conn.  
 Oliver Typewriter Co., 310 B'way, New York  
 R. & G. Typewriter Co., 225 Fulton, New York  
 Remington Typewriter Co., 374 B'way, New York  
 Works: Ilion, N. Y.  
 Rex Typewriter Co., 180 N Wabash, Chicago, Ill.  
 Royal Typewriter Co. ("Royal"), 364 B'way, New York  
 Works: New Park av, Hartford, Conn.  
 Secor Typewriter Co. ("Secor" Visible), Derby, Conn.  
 Simplex Typewriter Co., 644 1st av, New York  
 Smith L. C. & Bros. Typewriter Co., Syracuse, N. Y.  
 Smith Premier Works, Remington Typewriter Co., Syracuse, N. Y.  
 Sun Typewriter Co., 317 B'way, New York  
 Triumph Visible Typewriter Co., 13 Park row, New York  
 Underwood Typewriter Co., 30 Vesey, New York  
 Union Typewriter Co. ("Yost") Bridgeport, Conn.  
 Victor Typewriter Co., 280 Madison av, New York  
 Visigraph Typewriter Co., 62 Reade, New York  
 Williams Mfg. Co., Ltd., Plattsburg, N. Y.  
 Woodstock Typewriter Co., 35 N Dearborn, Chicago, Ill.

**16217—Typewriters (Adding & Billing)**

Elliott-Fisher Co., Harrisburg, Pa.  
 Ellis Adding Typewriter Co., 338 Elizabeth av, Newark, N. J.  
 Moon-Hopkins Billing Machine Co. ("Hopkins" Writing, Adding & Indexing Machines), 2235 O'Fallon, St. Louis, Mo.  
 Underwood John & Co., 30 Vesey, New York

**16218—Typewriters (Shorthand)**

Stenotype Co. ("Stenotype"), Indianapolis, Ind.

**16219-20—Typewriters (Telegraphic)**

American Telegraph Typewriter Co., 81 Prospect, Brooklyn, N. Y.  
 Universal Machine Co., Industrial bldg, Baltimore, Md.

**Typewriting Machines**

See Typewriters

**16221— Ultramarine Blues**

Heller & Merz Co., 503 Hudson, New York  
 International Ultramarine Works, 115 Leonard, New York  
 Jacob Chas. W. & Allison (Imp), 18 Cedar, New York  
 Standard Ultramarine Co., Huntington, W. Va.  
 Ultramarine Co. (Domestic), 33 Park row, New York

**16222— Umber (Earth)**

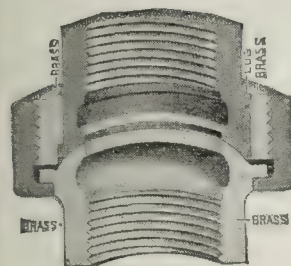
Smith J. Lee & Co. (Imp., Raw & Burnt), 19 Jacob, New York  
**WILLIAMS C. K. & CO.** (Raw or Burnt), Easton, Pa.

**16223— Umbrella Mfrs.**

Altshuler Bros., 374 Broadway, New York  
 Arnold, Schiff & Co. (Cotton, Silk & Parasols), 85 5th av, New York  
 Bamberger Herman Co., 877 B'way, New York  
 Bauer Bros. Mfg. Co. (Wagon Sunshades), Richmond & Carr, Cincinnati, O.  
 Becker & Thomas Co., Cleveland, O.  
 Cappel A. & Son, Dayton, O.  
 Dougherty Bros. Tent & Awning Co. (Wagon), 111 S Main, St. Louis, Mo.  
 Elkus Co., 729 Mission, San Francisco, Cal.  
 Excelsior Umbrella Mfg. Co., 73 Summer, Boston, Mass.  
 Finver Bros. & Co., 126 5th av, New York  
 Folimer, Clogg & Co., 114 5th av, New York  
 Gans Bros., 100 Hanover, Baltimore, Md.  
 Harding Jno. W. R., 1528 Gillingham, Phila., Pa.  
 Henryson I. P. & Co., 20 W 20th, New York  
 Huff John P., Troy, N. Y.  
 Hull Bros. Umbrella Co., Toledo, O.  
 Hulse Bros. & Daniel Co., 16 W 22nd, New York  
 Kreis & Hubbard, 320 S Franklin, Chicago, Ill.  
 Kronmiller Geo. & Son, 139 N Gay, Baltimore, Md.  
 Kuhn E. C., 8 W 4th, Cincinnati, O.  
 Lazarus J. & Co., 74 Franklin, New York  
 Lemmers Umbrella Co., The Arcade, Cleveland, O.  
 Miller Bros. & Co., 894 B'way, New York  
 Moneton Wireless Umbrella Co., Wilmington, Del.  
 National Umbrella Co., 1372 W 6th, Cleveland, O.  
 Newland Hat Co., 162 Jefferson av, Detroit, Mich.  
 Patton R. J. & Co. (Wagon), 222 E 4th, Cincinnati, O.  
 Polan, Katz & Co., 24 Hanover, Baltimore, Md.  
 Quier C. D. Top Co. (Wagon Sunshades), Kansas City, Mo.  
 Rainshine Umbrella Co., 715 Main, Kansas City, Mo.  
 Rich Wm. H., Jr., 164 5th av, New York  
 Rose Bros. & Co., Lancaster, Pa.  
 Shaler Umbrella Co., Waupun, Wis.  
 Siegel, Rothschild & Co., Howard & Baltimore, Baltimore, Md.  
 Stokley Jas. & Co., 728 Cherry, Phila., Pa.  
 Stoopack & Garbat, 37 E 18th, New York  
 Storer Chas. N., Rochester, N. Y.  
 Tim Jno. W. & Son, 633 Penn av, Pittsburgh, Pa.  
 Ware Arthur W. & Co., 12 E 18th, New York  
 Western Umbrella Co., Omaha, Nebr.  
 Wolfson Bros. Umbrella Co. ("Weather-king"), 392 Broadway, New York  
 Zittlosen Mfg. Co. (Wagon), Park & Dolman, St. Louis, Mo.



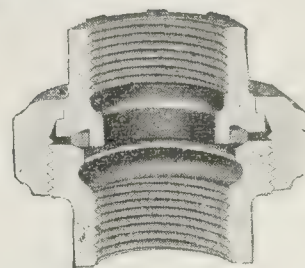
# BRASS AND IRON UNIONS



## NOKOROS UNION C D RAILROAD UNION

Absolutely non Corro-  
sive, Brass to Iron at all  
contact points

Made of Air Furnace  
Malleable Iron with  
Brass Valve Seated Disc



## ILLINOIS MALLEABLE IRON CO.

1801-25 Diversey Parkway

CHICAGO, ILLS.

### 16224—Umbrella Parts (Steel)

Fretz, Gross & Co. ("Foldwell"), 22nd & Sedgley av, Phila., Pa.  
Newark Rivet Works, 262 Lafayette, Newark, N. J.  
Townsend C. C. & E. P. Co. (Tips), New Brighton, Pa.

### 16224a— Umbrellas (Folding)

Follmer, Clogg & Co., 5th av & 17th, New York  
Gans Bros, 100 Hanover, Baltimore, Md.  
Hull Bros., Umbrella Co., 1447 Summit, Toledo, O.

### 16225—Umbrellas (Wagon, Truck & Advertising)

Perfection Mfg. Co., Montgomery & Lefingwell, St. Louis, Mo.  
Troy Carriage Sun Shade Co., Troy, O.  
Zittlosen Mfg. Co., Park & Dolman, St. Louis, Mo.

### 16226—Underframes (Steel Car)

American Bridge Co., 30 Church, New York  
Bettendorf Co. (For Freight Cars, Bettendorf, Ia.  
Buckeye Steel Castings Co (Cast Steel), Columbus, O  
Cambria Steel Co, Widener bldg, Phila., Pa.  
Champion Iron Co., Kenton, O.  
Chicago Steel Car Co., Harvey, Ill.  
Commonwealth Steel Co., Pierce bldg, St. Louis, Mo.  
Dover Boiler Works, Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
**ERIE CAR WORKS**, 1150 W 17th, Erie, Pa.  
Greenville Steel Car Co., Greenville, Pa.  
Illinois Car & Mfg. Co. (Freight Car), 20 W Jackson blvd, Chicago, Ill.  
Kennicott Co., Chicago Heights, Ill.  
Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
Ralston Steel Car Co. (For All Kinds of Freight & Passenger Cars), Columbus, O.  
Virginia Bridge & Iron Co., Roanoke, Va.  
Western Steel Car & Foundry Co., Peoples Gas bldg, Chicago, Ill.

### 16227—Uniforms (Baseball & Athletic)

Berger Carrie ("Win-Out"), Covington, Ky.  
Chicago Sporting Goods Mfg. Co., 123 S Jefferson, Chicago, Ill.  
Dudley Chas. H., Hanover, N. H.  
Onondaga Indian Wigwam Co., Syracuse, N. Y.  
Rawlings Mfg. Co., 23d & Lucas av, St. Louis, Mo.  
Spalding A. G. & Bros., 126 Nassau, New York  
Stall & Dean Mfg. Co., Brockton, Mass.

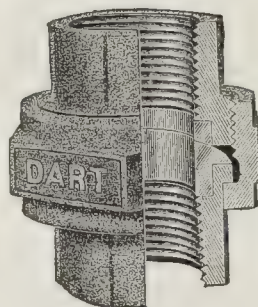
### 16228—Uniforms (Employees')

Greenwood-Atkinson-Armstrong Co. Detroit, Mich.  
Lilley M. C. & Co., Sixth & Long, Columbus, O.  
Newcomb F. H., 136 Flatbush av, Brooklyn, N. Y.  
Orr C. F. & Co., 209 S State, Chicago, Ill.  
Pettibone Bros. Mfg. Co., 626 Main, Cincinnati, C.  
Singer A. L. & Co., 173 W Adams, Chicago, Ill.  
Wendell, Fay & Co., 229 4th av, New York

### 16229— Unions

Acheson Mfg. Co. (Barge), Rankin, Pa.  
Athol Pump Co. (1½ & 1½ in. for Wrought Iron & Lead Pipe), Athol, Mass.  
Atkinson Co. (Brass, also Ground Joint Soldering), Rochester, N. Y.  
Bard Union Co. (Inc.), ("Bard"), Norwich, Conn.  
Belfield H. Co. (Brass), 435 N Broad, Phila., Pa.  
Brigman Bros. Co. ("Bridgman" Brass & Brass Screwed), 1426 Washington av, Phila., Pa.  
Buckeye Iron & Brass Works (Brass Joint, Radiator Elbow), Dayton, O.  
Crane Co. (Brass), Bridgeport, Conn.  
Crawford & Tyler, North Dana, Mass.  
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.

## DART UNIONS



HAVE

**2 Bronze Seats 2**

**Malleable Iron  
Pipe Ends and  
Nut.**

*A free sample  
will demonstrate  
its merits.*

**E. M. Dart Mfg. Co.  
PROV., R. I.**

Devlin Thos Mfg. Co. ("National"), 3rd & Lehigh av, Phila., Pa.  
Eastwood Wire Mfg. Co. (Bronze, End Flanged, etc), Belleville, N. J.  
Edwards Valve & Mfg. Co. ("Edwards Economic," Cast Iron & Forged Steel), 343 S Dearborn, Chicago, Ill.  
Eureka Brass Works ("Eureka" Brass), 1040 Hulbert av, Cincinnati, O.

Exeter Brass Works (Brass), Exeter, N. H.  
Flagg, Stanley G. & Co. ("Keystone," Soft Metal Seat), Morris bldg, Phila., Pa.  
General Fire Extinguisher Co. ("Flanged Cast Iron, etc), Providence, R. I.  
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.  
Hamlin & Emery Brass Co. (Brass), 49 Island, Boston, Mass.  
Hancock Mfg. Co., Charlotte, Mich.  
Hays Mfg. Co. (Brass), Erie, Pa.  
Illinois Malleable Iron Co. (Brass & Iron), 1801 Diversey blvd, Chicago, Ill.

*See adv index at end of book*  
Jefferson Union Co. ("Jefferson," for High & Low Pressure), Lexington, Mass.  
Kelly & Jones Co. ("Norustocta," "Penn," "Pitt," "Octa Penn," "Octa Pitt" & Standard Malleable, Brass & Cast Iron), 135 Water, Pittsburgh, Pa.

**LUNKENHEIMER CO.** Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*  
McCambridge Co., 20th & Wood, Phila., Pa.

McMann & Taylor Co. ("Mantaco"), 104 John, New York

*See adv index at end of book*  
McNabb & Harlin Mfg. Co. (Brass & Iron), 55 John, New York

Malleable Iron Fittings Co. ("M. I. F. Co.") (Malleable), Branford, Conn.

Mark Mfg. Co. ("Mark" Cold Drawn Steel), Evanston, Ill.

National Brass Mfg. Co. (Brass), Rochester, N. Y.

National Tube Co. ("KEWANEE" Octagon, Hexagon, Round, "M. & F." Extra Heavy, Hydraulic, Air Pump, Air Drill, Hose, Eccentric & Flange, etc), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*  
Newbury Mfg. Co. (Grey Iron), Monroe, N. Y.

New York Brass Foundry Co. ("Stillbeck" Extra Heavy), 104 Centre, New York

Nolte Brass Co. (Brass & Soldering), Springfield, O.

Pancoast Henry B. Co. ("American"), 243 S 3d, Philadelphia, Pa.

Pittsburgh Brass Mfg. Co. (Brass, Extra Heavy), Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.

Powell Wm. Co. (Brass), Cincinnati, O.

Queen City Brass & Iron Works (Brass, Soldering, etc), Cincinnati, O.

Rex-Harris Fire Appliance Co. (Brass), 39 E 19th, New York

Richardson, Edro Brass Co. (Brass), 318 N Holliday, Baltimore, Md.

**ROCKWOOD SPRINKLER CO.** ("Rockwood" Pressed Steel), Worcester, Mass.

Stoddard Union Co., Lockport, N. Y.

Tight Joint Co. ("Tight-Joint" Flanged, for High Pressure), 310 E 47th, New York

Williams D. T. Valve Co., Cincinnati, O.  
Williams Franklin ("Tuxedo," Bronze for High Pressure), 39 Cortlandt, New York

### 16229a—Unions (All Brass)

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*



**16230—\*Unions (Brass, Brazing & Flared Tubing)**

**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

**16231— Unions (Flange)**

Acheson Mfg. Co. (Brass), Rankin, Pa.  
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Bard Union Co. ("Bard"), Norwich, Conn.  
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
Darling Pump & Mfg. Co, Williamsport, Pa.  
Dart E. M. Mfg. Co. ("Dart"), 136 Clifford, Providence, R. I.  
*See adv index at end of book*  
Edward Valve & Mfg. Co. ("Edward" Heavy Cast Iron & Forged Steel), 343 S Dearborn, Chicago, Ill.  
General Fire Extinguisher Co. (Cast Iron), Providence, R. I.  
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.  
Hoffmann B. Mfg. Co. (Cast Iron), 257 6th, Milwaukee, Wis.  
Jarecki Mfg. Co. (Cast Iron), Erie, Pa.  
Jefferson Union Co. ("Jefferson" Malleable Iron, Bronze or Brass Seat), Lexington, Mass.  
Kane Supply Co. (Extra Heavy), Kane, Pa.  
Kelly & Jones Co. (Cast Iron, Malleable & Brass), 135 Water, Pittsburgh, Pa.  
Kokomo Brass Works (Steam Metal), Kokomo, Ind.  
McNab & Harlin Mfg. Co., 55 John, New York  
National Tube Co. ("KEWANEE," Brass & Malleable, "NATIONAL" Cast Iron, Brass Seat), Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
Newbury J. H., Goshen, N. Y.  
Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.  
Powell Wm. Co. (Brass), Cincinnati, O.

**16231a—\*Unions (Malleable Iron)**

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

**16232—Unions & Nipples (Soldering)**

American Brass & Copper Co., 138 Lafayette, New York  
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Atkinson Co., Rochester, N. Y.  
Buckeye Iron & Brass Works, Dayton, O.  
Burlington Brass Works, Burlington, Wis.  
Campbell J. B. Brass Works, Erie, Pa.  
Cleveland Brass Mfg. Co. (Brass), 4606 Hamilton, Cleveland, O.  
Flannery P. J. Co., New Britain, Conn.  
Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.  
Haines, Jones & Cadbury Co. ("Hajoca"), 1136 Ridge av, Phila., Pa.  
Hays Mfg. Co., Erie, Pa.  
Jefferson Union Co. ("Jefferson"), Lexington, Mass.  
Kelly & Jones Co. (Brass), 135 Water, Pittsburgh, Pa.  
Kokomo Brass Works, Kokomo, Ind.  
**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
McNab & Harlin Mfg. Co., 55 John, New York  
McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.  
Mueller H. Mfg. Co., Decatur, Ill.  
Nolte Brass Co., Springfield, O.  
Prier Brass Mfg. Co., Kansas City, Mo.  
Queen City Brass & Iron Works, Cincinnati, Ohio  
Savill's Thos Sons, 1310 Wallace, Philadelphia, Pa.  
Springfield Brass Co., Springfield, O.  
Union Brass & Metal Mfg Co, Lawson & Mackubin, St. Paul, Minn.  
Union Water Meter Co. (Combination Soldering Nipple), Worcester, Mass.  
United Lead Co. (Lead & Iron), 111 Broadway, New York  
Williams D. T. Valve Co., Cincinnati, O.

Wolverine Brass Works, Grand Rapids, Mich.

**16232a— Units (Truck)**

Ames Motor Car Co. ("Ames"), Owensboro, Ky.  
Bessemer Motor Truck Co., Grove City, Pa.  
Chicago Pneumatic Tool Co. ("Little Giant" Convert-a-Car. For Ford Cars), Fisher bldg, Chicago, Ill.  
*See adv index at end of book*  
Commercial Car Unit Co. ("Hudford"), 16th & Glenwood, Phila., Pa.  
Commercial Truckmobile Co. ("Truckmobile"), Chicago, Ill.  
Dearborn Motor Truck Co. ("Dearborn"), 1250 S Campbell av, Chicago, Ill.  
Detroit Truck Co. ("Tonford"), Dime Bk. bldg, Detroit, Mich.  
Hayes-Diefenderfer Co. ("Xtend-a-Ford"), 237 W 55th, New York  
Iowa Motor Truck Co. ("Iowa"), Ottumwa, Ia.  
Jewett Car Co. ("Jewett"), Newark, O.  
Knox Motors Co. ("Knox"), Springfield, Mass.  
Lakeside Motor Truck Co. ("Lakeside"), 110 S Dearborn, Chicago, Ill.  
Longford Co. of America, Cambridge, Mass.  
Make A Motor Truck Co. ("Make A Motor Truck"), 1508 Michigan av, Chicago.  
Maxfer Truck Co. ("Maxfer"), 5035 Wash av, Chicago, Ill.  
Rayford Co. ("Rayford"), 2d & Indiana, Phila., Pa.  
Redden Motor Truck Co. ("Redden"), 676 Woodward av, Detroit, Mich.  
Robinson Machine Co. ("Truckford"), 4629 W Jefferson av, Detroit, Mich.  
Rothweiler Truck Co. ("Rothweiler"), Seattle, Wash.  
Smith-Form-A-Truck Co. ("Smith-Form-A-Truck"), 1470 S Michigan av, Chicago, Ill.  
Stewart Mfg. Co. ("Uni-Truck"), Waterloo, Ia.  
Swedish Crucible Steel Co ("Olson"), Detroit, Mich.  
Ton-A-Ford Truck Co. ("Ton-A-Ford"), Racine, Wis.  
Union Truck Mfg. Co. ("Union"), 250 W 54th, New York  
Woodward Truck Attachment Co. ("Woodward"), Los Angeles, Cal.  
Wright Truck Attachment Co. ("Wright"), Seattle, Wash.

**Unloaders (Ballast)**

*See Ballast Loaders & Unloaders*

**16233—Unloaders (Coal Car)**

Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
**LINK-BELT COMPANY**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*  
Stephens-Adamson Mfg. Co. ("S-A"), Aurora, Ill.

**16234—Unloaders (Oil & Tar)**

Tarrant Mfg. Co., Saratoga Springs, N. Y.

**Unloaders (Portable)**

*See Conveyors, Portable*

**16235— Unloaders (Sling)**

**LINK-BELT COMPANY**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*  
**MYERS F. E. & BRO.** ("Myers Sure Grip," Triple Hoist, Right Angle Elevator & "Sure Grip" 2-Fork Unloader, Cross Draft), 800 Orange, Ashland, O. *See adv index at end of book*

**16236— Unloaders (Stone)**

Acme Road Machinery Co., Frankport, N. Y.  
Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.  
*See adv index at end of book*  
Gallon Iron Works & Mfg. Co. ("Eclipse" Portable), Gallon, O.

**16237—Unloaders (Sugar Cane Car)**

Chain Belt Co., Milwaukee, Wis.

**LINK-BELT COMPANY**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R Ry, Phila., Pa.  
*See adv index at end of book*

**16238— Unloaders (Timber)**

Byers Jno. F. Machine Co., 242 S Sycamore, Ravenna, O.  
*See adv index at end of book*  
Soule Steam Feed Works, Meridian, Miss.

**16239— Unloaders (Vessel)**

Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av & P & R R Ry, Phila., Pa. *See adv index at end of book*  
Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.  
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O.

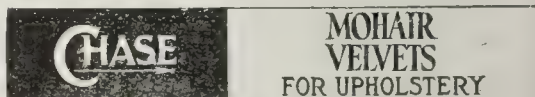
**16239a—\*Upholsterers' Leather Substitutes**

**DU PONT FABRIKOID CO.**, Wilmington, Del.

*For branch offices see adv index at end of book*

**16239b— \*Upholstery**

Chase T. C. & Co. ("Chase Leatherwove" & "Chase Mohair Velvets"), 89 Franklin, Boston, Mass.

**16239c—\*Upholstery Fabrics**

du Pont Fabrikoid Co., Wilmington, Del.  
*For branch offices see adv index at end of book*

**16240— Upsetters (Tire)**

*See also Shrinkers, Tire & Axle*  
Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.  
Butts & Ordway Co. ("B. & O." "Shur Grip"), Boston, Mass.  
Champion Blower & Forge Co. ("Star"), Lancaster, Pa.  
Fulton Iron Works, Detroit, Mich.  
Illinois Iron & Bolt Co., Carpentersville, Ill.  
Kane & Roach ("K. & R."), Syracuse, N.Y.  
Luther Mfg. Co. (Upset Punch & Shear Combined), Olean, N. Y.  
Munnsville Plow Co. ("Punch"), Munnsville, N. Y.  
Rockford Mfg. Co. ("Rockford"), Rockford, Ill.

**16241— Uranium**

Carolina Mineral Co., Penland, N. C.  
Standard Chemical Co., Vanadium bldg, Pittsburgh, Pa.

**16242— Uranium Oxide**

Drakenfeld B. F. & Co., 50 Murray, New York  
Feuchtwanger L. & Co., 54 Fulton, New York  
Harshaw, Fuller & Goodwin Co., Electric bldg, Cleveland, O.  
Roessler & Hasslacher Chemical Co., 100 William, New York

**16243— Urinal Stalls**

**ALBERT G. G. & CO.**, Bangor, Pa.  
Ebinger D. A. Sanitary Mfg. Co. ("Ebinger"), 181 Lucas, Columbus, O.  
Edwardsville Brass Co. (Trimmings), Edwardsville, Ill.  
Fords Porcelain Works, Perth Amboy, N. J.  
Mott J. L. Iron Works ("Imperial," Porcelain), Trenton, N. J.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.



Trenton Potteries Co., Trenton, N. J.  
Walls, Owen & Stambach Co. (Soapstone),  
11th & Hamilton, Phila., Pa.

16244—Urinals (Public)

American Foundry & Furnace Co., Bloomington, Ill.  
Central Foundry Co. (Cast Iron), 90 West,  
New York  
Imperial Brass Mfg. Co. ("Waterous,"  
"Driojet"), 524 S Racine av, Chicago,  
Ill. *See adv index at end of book*  
Standard Sanitary Mfg. Co., Bessemer  
bldg, Pittsburgh, Pa.

16245—Urinometers

Tagliabue Chas. J. Mfg. Co., 18 33rd,  
Brooklyn, N. Y.

16246—Urns (Tea & Coffee)

Aldrich Mfg. Co., Buffalo, N. Y.  
American Electrical Heater Co., Detroit,  
Mich.  
American Metal Ware Co., 363 W. Huron,  
Chicago, Ill.  
Boesch Lamp Co., 962 Mission, San Francisco,  
Cal.  
Bramhall-Deane Co. ("Superior"), 261 W  
36th, New York  
Buffalo Mfg. Co., Buffalo, N. Y.  
Buzzini Walter J., 505 W 21st, New York  
Clad V. & Sons, 16th & Callowhill, Phila.,  
Pa.  
Consolidated Mfg. Co., Dayton, O.  
Duparquet, Huot & Moneuse Co., 110 W  
22d, New York

GENERAL ELECTRIC CO. (Electric),  
Schenectady, N. Y.

*See adv index at end of book*  
Hutchinson Bros., 5 S Howard, Baltimore,  
Md.

International Silver Co., Meriden, Conn.  
Joesting & Schilling Co., 379 Sibley, St.  
Paul, Minn.

Koehler & Hinrichs, St. Paul, Minn.  
Kreamer A., 307 Kent av, B'klyn, N. Y.  
Kronman E., 40 Catherine, New York  
Lalance & Grosjean Mfg. Co., 299 B'way,  
New York

Landers, Frary & Clark ("Universal"),  
New Britain, Conn.

Manning, Bowman & Co., Meriden, Conn.  
Meek Oven Co. ("Meek Gas"), Newburyport,  
Mass.

Miller A. G., 108 Centre, New York  
Pick Albert & Co. (Also Hot Water Urns),  
1200 W 35th, Chicago, Ill.

Ray Geo. A. Mfg. Co. (Also Hot Water  
Urns, All Copper, Nickel Plated, etc),  
Buffalo, N. Y.

Ricketts & Bartlett Range Co., 319 W Randolph,  
Chicago, Ill.

Sexton S. B. Stove & Mfg. Co., 500 Block  
W Conway, Baltimore, Md.

Silver & Co., 304 Hewes, Brooklyn, N. Y.  
Simplex Electric Heating Co. ("Simplex"  
Electrical), Cambridge, Mass.

Stearnes Steel Range Co., 215 N Michigan  
av, Chicago, Ill.

Strater Herman & Sons, 74 Sudbury, Boston,  
Mass.

Watkins Jas. Y. & Son, 20 Catherine, New  
York

Williams & Poore, 22 Medford, Boston,  
Mass.

16247—Urns & Vases (Terra Cotta)

Carnegie Brick & Pottery Co., Rialto bldg,  
San Francisco, Cal.

Clark N. & Sons, 112 Natoma, San Francisco,  
Cal.

Stegler Terra Cotta & Pottery Works,  
Mills bldg, San Francisco, Cal.

16247a—\*Vacuum Cleaner Parts

MATTHEWS MFG. CO., 104 Gold, Worcester,  
Mass. *See adv index at end of book*

16248—Vacuum Cleaners (Hand & Power)

Advance Mfg. Co., Kalamazoo, Mich.  
Allen Alex., 426 Pearl, Buffalo, N. Y.  
AMERICAN RADIATOR CO. ("Arco  
Wand" Stationary), 820 So Michigan  
av, Chicago, Ill.

American Vacuum Cleaning Co., 17 Wadsworth,  
Buffalo, N. Y.

Apex Electrical Mfg. Co. (Electric), 1111  
Power av, Cleveland, O.

Arvac Mfg. Co. (Stationary Plants), Anderson,  
Ind.

Atwood Vacuum Cleaner Co. ("Atwood,"  
Hand & Power, Stationary & Portable),  
Rockford, Ill.

Banner Machine Co. ("Banner" Hand),  
Columbiana, O.

Beach-Russ Co., 220 B'way, New York  
*See adv index at end of book*

Bell Mfg. Co., Cleveland O  
Ben Hur Vacuum Cleaner Co., Indianapolis,  
Ind.

Bigsby-Rotary Mfg. Co. ("Vital"), Cleveland,  
O.

Birtman Electric Co. ("Bee," Suction),  
1422 Bryan, Chicago, Ill.

Bissell F. Co. (Electric), Toledo, O.

Blaisdell Machinery Co. (Power), Bradford,  
Pa.

Braun Electric Mfg. Co. (Portable), Dover,  
O.

Bright Circle Mfg. Co., Toledo, O.

Brokaw Eden Mfg. Co. ("Eden" Portable),  
Alton, Ill.

Buckeye Brass & Mfg. Co., 1807 Columbus  
rd, Cleveland, O.

Clayton-Marlborough Mfg. Co. ("M. D. S." Power),  
Rochester, N. Y.

Clements Mfg. Co. ("Cadillac," "Reliable,"  
"Little Ben," "Big Ben"), 609 Fulton,  
Chicago, Ill.

Clifton-Pratt Co. (Power), 1224 W 8th,  
Cincinnati, O.

Cyclone Mfg. Co. ("Cyclone," "Sherington,"  
Hand, Electric & Stationary),  
Bradford, Pa.

Domestic Appliance Co., Rochester, N. Y.

Domestic Vacuum Cleaner Co. (Hand),  
Worcester, Mass.

Doty Mfg. Co., Dayton, O.

Drake Hdwe. Co., Friendship, N. Y.

Duntley Products Co., Erie, Pa.

Eclipse Folding Machine Co., Sidney, O.

Elite Vacuum Cleaner Mfg. Co. ("Elite"),  
Kesner bldg, Chicago, Ill.

Elliot Electric Co., 322 Champlain av,  
Cleveland, O.

Emery Chas. W., 2036 N 13th, Phila., Pa.

Eureka Vacuum Cleaner Co., D. Whitney  
bldg, Detroit, Mich.

Everson Mfg. Co. (Portable Electric), 271  
Franklin, Boston, Mass.

Federal Sign System (Electric), 640 W  
Lake, Chicago, Ill.

Feeney Mfg. Co., Muncie, Ind.

Frantz Premier Co. ("Frantz Premier"  
Electric), Cleveland, O.

Geier P. A. Co. ("Royal" Electric), Cleveland,  
O.

General Compressed Air & Vacuum Machy.  
Co. (Electric & Gasoline for Home &  
Railroad), Pontiac bldg, St. Louis, Mo.

Gits Elec'l Co., 1121 Washington bldg,  
Chicago, Ill.

Glidden, Wilmot & Son (Power), Oak  
Park, Ill.

Gray Iron Foundry Co. ("Crown," "Queen  
A," "Queen B," Hand), Reading, Pa.

Hanlon & Wilson ("Vak-Klean"), Wilkinsburg,  
Pa.

Hope Vacuum Cleaner Co. (Power), 1800  
Central, Kansas City, Mo.

Hotpoint Elec. Heating Co., Ontario, Cal.

Hoover Suction Sweeper Co., New Berlin,  
Ohio

Houston Mfg. Co. (Stationary Power),  
Rockford, Ill.

Hugro Mfg. Co. ("Victor," "Golden Rod,"  
Hand House), 327 S La Salle, Chicago,  
Ill.

Hurley Machine Co. ("5" & "12" Electric),  
29 S Clinton, Chicago, Ill.

Ideal Vacuum Cleaner Co. (Electric),  
Newark, N. J.

Innovation Electric Co. ("Magic" Electric),  
585 Hudson, New York

Invincible Mfg. Co., Point Power bldg,  
Pittsburgh, Pa.

Jakway-Motor-Cone Vacuum Cleaning  
Mfg. Co., 135 Wood av, Syracuse, N. Y.

National Sweeper Co., 59 Field, Torrington,  
Conn.

National Vacuum Machinery Co., Dayton,  
Ohio

P. & M. Co. ("Vac-Klean"), 80 E Jackson  
blvd, Chicago, Ill.

Palm Vacuum Cleaner Co. (Stationary),  
2671 E Gd. blvd, Detroit, Mich.

Pease F. B. Co. (Water Power), Rochester,  
N. Y.

Peoria Can Co. ("Hoosier" Hand Power),  
Peoria, Ill.

Perfection Vacuum Cleaner Co. (Power,  
Stationary & Portable), 25 N Jefferson,  
Chicago, Ill.

Perkins-Wilbur C. & Co., 1925 S Western  
av, Chicago, Ill.

Pittsburgh Electric Specialties Co., Ross  
& 1st, Pittsburgh, Pa.

Pneuvac Co., 59 Temple pl, Boston, Mass.

Quam Pneumatic Cleaner Co. (Hand &  
Power), 243 Lake, Milwaukee, Wis.

Racine Electric Co., Racine, Wis.

Ramey Co. ("Duplex," "Simplex"), Chilli-  
cothe, O.

Regina Co. ("Regina," Pneumatic), 47 W  
34th, New York

Rex Cleaner Co. ("Rex"), 431 Kent av,  
Brooklyn, N. Y.

Richmond Radiator Co. ("Richmond"  
Stationary & Portable), 1480 B'way,  
New York

Ridlon Frank Co. ("National," Electric),  
261 Franklin, Boston, Mass.

Rochester Vacuum Cleaner Co. ("Rochester"  
& "Genesee" Hand), Rochester,  
N. Y.

Semco Mfg. Co. ("Semco"), Nashville,  
Tenn.

Shannon Lafe Co., Waterloo, Ia.

Spencer Turbine Cleaner Co. ("Spencer"),  
Hartford, Conn.

Standard Mfg. Co. ("Wands"), Syracuse,  
N. Y.

Sterling Machine & Stamping Co. ("Thunderbolt"),  
Wellington, Ohio

Sterling Vacuum Cleaner Co. ("Sterling  
Hand"), Worcester, Mass.

STURTEVANT B. F. CO. ("Sturtevant,"  
Electric Power), 15 Damon, Hyde  
Park, Boston, Mass.

*See adv index at end of book*  
Suction System Cleaning Co. ("Princess"  
Electric), Sidney, O.

Thurman Vacuum Cleaner Co., 11th &  
Monroe, St. Louis, Mo.

United Electric Co. ("Tuec" Stationary),  
Canton, O.

United Vacuum Appliance Co. ("Connersville"  
& "Capitol" Stationary), Connersville,  
Ind.

U. S. Radiator Corp., B'way & Grand  
River, Detroit, Mich.

Universal Electric Co. (Hand), 63 Elizabeth,  
Detroit, Mich.

Vacuna Co., 29 B'way, New York

Victor Vacuum Cleaner Co. (Power), 224  
High av, Cleveland, O.

Warner Co. ("E-Z"), Muncie, Ind.

Water Power Vacuum Cleaner Co., 84 W  
Mohawk, Buffalo, N. Y.

Western Electric Co. ("Sturtevant"), 463  
West, New York

Winans Machine Co., Binghamton, N. Y.

Wise-Harold Electric Co. (Electric), New  
Philadelphia, O.

16249—Vacuum Drying & Impregnating Apparatus

*See also Dryers, Vacuum*

BUFFALO FOUNDRY & MACHINE CO.,  
65 Winchester av, Buffalo, N. Y.

*See adv index at end of book*  
Devine J. P. Co. ("Emil Passburg"), Buffalo,  
N. Y.

Hubbard's Norman Sons, 265 Water,  
Brooklyn, N. Y.

Stokes F. J. Machine Co., 17th & Cambria,  
Phila., Pa.

Werner & Pfeiderer Co., Saginaw, Mich.

*See adv index at end of book*

16250—Valleys (Roll Tin)

Berger Mfg. Co., Canton, O.

EDWARDS MFG. CO., 545-565 Eggleston  
av, Cincinnati, O.

*See adv index at end of book*  
MERCHANT & EVANS CO., 2035 Washington  
av, Phila., Pa.

*See adv index at end of book*  
Messenger & Parks Mfg. Co. (Galvanized),  
Aurora, Ill.

Niles Iron & Steel Roofing Co. (Galvanized  
& Tin), Niles, O.



Ohio Corrugating Co., Warren, Ohio.  
*See adv index at end of book*  
 Whitaker-Glessner Co. ("Galvanized Steel  
 & Ohio Metal" & "Portsmouth Iron"),  
 Wheeling, W. Va.

### 16251—Valonea Importers

Haley-Hammond Co., 129 Pearl, New York  
 Klipstein A. & Co. (Imported), 644 Green-  
 wich, New York  
 Marden, Orth & Hastings Co., 61 B'way,  
 New York

### 16252-3—Valve Balls (Rubber)

Boston Belting Co., 84 Linden Park, Bos-  
 ton, Mass.  
 Combination Rubber Mfg. Co., Bloomfield,  
 N. J.  
 Continental Rubber Works, Erie, Pa.  
 Goodrich B. F. Co., Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126  
 Duane, New York  
 Jenkins Bros., 82 White, New York  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mattson Rubber Co., Lodi, N. J.  
 Mechanical Rubber Co., 307 W Randolph,  
 Chicago, Ill.  
 Mechanical Rubber Co., Cleveland, O.  
 New York Belting & Packing Co., 91  
 Chambers, New York  
 New York Rubber Co., Reade & Church,  
 New York  
 Peerless Rubber Mfg. Co., 31 Warren,  
 New York  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Quaker City Rubber Co., 629 Market,  
 Phila., Pa.  
 Republic Rubber Co., Youngstown, O.  
 Revere Rubber Co., 60 High, Boston, Mass.

### 16254—Valve Cups (Leather)

Detroit Leather Specialty Co., (Inc.),  
 ("Wear Well"), 275 Beecher av, De-  
 troit, Mich.  
 Hough Chas. N. Mfg. Co., Franklin, Pa.  
 Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry., Pittsburgh, Pa.

### Valve Grinding Materials

*See Steel, Emery*

### 16255—Valve Mfrs. for Steam, Gas & Water

For Jobbers of these Goods see Plumbers'  
 Supplies, Jobbers; also Steam Fitters'  
 Supplies, Jobbers  
 For Various Kinds of Valves see Sub-  
 classifications following this list  
 Acton John, 118 John, Brooklyn, N. Y.  
 Albany Steam Trap Co. ("Blessing"), Al-  
 bany, N. Y.  
 American Balance Valve Co., Jersey  
 Shore, Pa.  
 American District Steam Co., North To-  
 nawanda, N. Y.  
 American Foundry & Const. Co., 2nd av  
 & Longworth, Pittsburgh, Pa.  
 American Steam Gauge & Valve Mfg. Co.,  
 208 Camden, Boston, Mass.  
 American Valve Co., Cossackie, N. Y.  
 Ashton Valve Co., 161 First, Cambridge,  
 Mass.  
 Atwood & Morrill, 48 Loring av, Salem,  
 Mass.  
 Baker Ice Machine Co., Omaha, Neb.  
 Bashlin Co., Warren, Pa.  
 Beaton & Cadwell Mfg. Co., New Britain,  
 Conn.  
 Beaumont Valve & Hydrant Works, Kan-  
 kakee, Ill.  
 Belfield H. Co., 435 N Broad, Phila., Pa.  
 Belknap Mfg. Co., Bridgeport, Conn.  
 Bordo L. J. Co., 12th & Thompson, Phila.,  
 Pa.  
 Bourbon Copper & Brass Works, Cincin-  
 nati, O.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Burrows Mfg. Co., York, Pa.  
 Cadman A. W. Mfg. Co., 2816 Smallman,  
 Pittsburgh, Pa.  
 Capitol Brass Works, Detroit, Mich.  
 Cayuta Mfg. Co., Sayre, Pa.  
 Chapman Valve Mfg. Co. ("Chapman"),  
 Indian Orchard, Mass.  
 Chicago Mfg. Co. ("Lippy"), Chicago Jct.,  
 Ohio

Coal Muffler & Safety Valve Co., 325 E  
 Oliver, Baltimore, Md.  
 Coffin Valve Co., Neponset, Boston, Mass.  
 Coldwell-Wilcox Co., Newburgh, N. Y.  
 Columbus Brass Co., 538 Dublin av, Co-  
 lumbus, O.  
*See adv index at end of book*  
 Consolidated Safety Valve Co., 119 W 40th,  
 New York  
 Crane Co., Bridgeport, Conn.  
 Crosby Steam Gage & Valve Co., 40 Cen-  
 tral, Boston, Mass.  
 Darling Pump & Mfg. Co. (Ltd.), Will-  
 iamspoint, Pa.  
 Davidson M. T. Co., 43 Keap, Brooklyn,  
 N. Y.  
 Davis Geo. M. Regulator Co., 422 Milwau-  
 kee av, Chicago, Ill.  
 Davis Louis N., West Chester, Pa.  
 d'Este Julian Co., 24 Canal, Boston, Mass.  
 Detroit Lubricator Co. ("Detroit"), De-  
 troit, Mich.  
 Dorn & Marcellus Co., Mascher & York,  
 Phila., Pa.  
 Eddy Valve Co., Waterford, N. Y.  
 Elliott Co., Pittsburgh, Pa.  
 Engberg Electric & Mechanical Works  
 (Electro Hydraulic Valve), St. Jo-  
 seph, Mich.  
 Engineers' Appliance Co. ("Hydromatic")  
 Automatic Water Valves, Cleveland,  
 Ohio  
 Evans Mfg. Co. (Ltd.), Butler, Pa.  
 Eynon-Evans Mfg. Co., N 15th & Clear-  
 field, Philadelphia, Pa.  
 Fairbanks Co., 416 Broome, New York  
 Fewlass-Leen Brass & Iron Co., Cincin-  
 nati, O.  
 Fire & Gas Appliance Co., 1906 Wyan-  
 dotte, Kansas City, Mo.  
 Fisher Governor Co., Marshalltown, Ia.  
 Ford Thos. P. Co., 407 Broome, New York  
 Foster Engineering Co. (Automatic), 109  
 Monroe, Newark, N. J.  
 French Oil Mill, Piqua, O.  
 Glauber Brass Mfg. Co., 49th & Superior  
 av N E, Cleveland, O.  
 Gold Car Heating & Lighting Co., 17 Bat-  
 tery pl, New York  
 Gould Balance Valve Co., Kellogg, Ia.  
 Hancock Inspirator Co., 119 W 40th, New  
 York  
 Hardie-Tynes Mfg. Co., Birmingham, Ala.  
 Birmingham, Ala.  
 Harvey's A. Sons Mfg. Co., Detroit, Mich.  
 Haydenville Co., Haydenville, Mass.  
 Hills Robt. E., 153 W Kinzie, Chicago, Ill.  
 Hoffman B. Mfg. Co., 257 6th, Milwaukee,  
 Wis.  
 Hoffman & Billings Mfg. Co., 100 2nd, Mil-  
 waukee, Wis.  
 Homer Brass Works (Inc.), 231 Race,  
 Phila., Pa.  
 Homestead Valve Mfg. Co., Pittsburgh,  
 Pa.  
 Houghton E. F. & Co. ("Houghton's")  
 Therm., 240 W Somerset, Phila., Pa.  
 Jarecki Mfg. Co., Erie, Pa.  
 Jenkins Bros., 82 White, New York  
**JERGUSON GAGE & VALVE CO.** (To  
 Specifications), 88 Broad, Boston,  
 Mass.  
 Kelly & Jones Co., 135 Water, Pittsburgh,  
 Pa.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
 Kieley & Mueller, 34 W 13th, New York  
 Kinsey & Mahler Co. ("K. & M."), Peoria,  
 Ill.  
 Klipfel Mfg. Co. ("K. & T."), 2651 W Har-  
 rison, Chicago, Ill.  
 Kunkle E. B. & Co., Fort Wayne, Ind.  
 Lavigne Mfg. Co. (Packless), Detroit,  
 Mich.  
 Lead Lined Iron Pipe Co., Wakefield,  
 Mass.  
 Lippold Valve Co., Erie, Pa.  
 Locke Regulator Co., Salem, Mass.  
 Loetzer Valve & Mfg. Co., Monroeton, Pa.  
 Lonergan J. E. Co., 211 Race, Phila., Pa.  
 Ludlow Valve Mfg. Co., ft. of Adams, Troy,  
 N. Y.  
**LUNKENHEIMER CO.** (Also for Oil),  
 Executive Offices & Factories, Beek-  
 man & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 McCambridge Co. (Steam), 20th & Wood,  
 Phila., Pa.  
 McNab & Harlin Mfg. Co., 55 John, New  
 York  
**McRAE & ROBERTS CO.**, 227 Campbell  
 av, Detroit, Mich.  
 Marquette John N. Sons (Lead-Lined  
 Acid), 513 S Eden, Baltimore, Md.  
 Marsh Jas. P. & Co., 118 S Clinton, Chi-  
 cago, Ill.

Mason Regulator Co. ("Mason"), 1192  
 Adams, Boston, Mass.  
*See adv index at end of book*  
 Max Machine Co., Clinton, Mass.  
 Michigan Lubricating Co., Detroit, Mich.  
 Milwaukee Valve Co., 139 Burrell, Mil-  
 waukee, Wis.  
 Monarch Machine Works, Altoona, Pa.  
 Monash-Younger Co. (Steam & Water  
 Only), 1407 W Jackson blvd, Chicago,  
 Ill.  
 Mueller H. Mfg. Co. (Gas & Water), De-  
 catur, Ill.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 National Tube Co., Frick bldg, Pittsburgh,  
 Pa. *See adv index at end of book*  
 National Valve & Mfg. Co., 31st & Lib-  
 erty, Pittsburgh, Pa.  
 Nelson Valve Co., Harrison bldg, Phila.,  
 Pa.  
 New Bedford Valve Mfg. Co., New Bed-  
 ford, Mass.  
 Nolte Brass Co. (A. B. Nolte, Prop.),  
 Springfield, Mass.  
 Northern Tool Co., Utica, N. Y.  
 Ohio Brass Co., Mansfield, O.  
 Ohio Injector Co., Wadsworth, O.  
 Oil Well Supply Co. (Iron & Brass), 215  
 Water, Pittsburgh, Pa.  
 O'Malley-Bearse Valve Co. ("Multiplate"),  
 Railway Exchange bldg, Chicago, Ill.  
 O'Meara J. (Inc.), 2 Lisperard, New York  
 Patterson-Allen Engineering Co., 2 Rector,  
 New York  
 Paul Andrew G. Co. (Steam Only), 131  
 State, Boston, Mass.  
 Perkes Chas. (Est. of ), 623 Arch, Phila.,  
 Pa.  
 Philadelphia Roll & Machine Co., 23d &  
 Washington av, Phila., Pa.  
 Pioneer Brass Works, Indianapolis, Ind.  
 Pittsburgh Gage & Supply Co., 30th &  
 Liberty av, Pittsburgh, Pa.  
 Pittsburgh Piping & Equipment Co., 35th  
 & Charlotte, Pittsburgh, Pa.  
 Pittsburgh Valve, Foundry & Construc-  
 tion Co., 26th & A. V. Ry., Pittsburgh,  
 Pa.  
 Powell Wm. Co., Cincinnati, O.  
 Pratt & Cady Co. ("P. & C."), Hartford,  
 Conn.  
 Queen City Brass & Iron Works, Cincin-  
 nati, O.  
 Renesslaer Valve Co., Troy, N. Y.  
 Ross Valve Mfg. Co. ("Trojan"), Oakwood  
 av, Troy, N. Y.  
*See adv index at end of book*  
 Rundle-Spence Mfg. Co., 63 2nd, Milwau-  
 kee, Wis.  
 Schutte & Koerting Co., 1251 N 12th,  
 Phila., Pa.  
 Simmons John Co., 110 Centre, New York  
 Smith A. P. Mfg. Co., East Orange, N. J.  
 South Park Foundry & Machine Co., St.  
 Paul, Minn  
 Standard Steam Specialty Co (Steam), 542  
 W B'way, New York  
 Star Brass Mfg. Co., 108 E Dedham, Bos-  
 ton, Mass.  
 Stephens, Roe Mfg. Co., Detroit, Mich.  
 Swift Lubricator Co., Elmira, N. Y.  
 Syracuse Faucet & Valve Co. (No Pack-  
 ing), Syracuse, N. Y.  
 Thompson J. & Co., Van Horn & Sophia,  
 Phila., Pa.  
 Triumph Valve Mfg. Co., Mansfield, O.  
 Utica Valve & Fixture Co., Utica, N. Y.  
 Walworth Mfg. Co., 132 Federal, Boston,  
 Mass.  
 Watson & McDaniel Co., 146 N 7th, Phila.  
 Pa.  
 Watts Regulator Co. ("Watts"), Law-  
 rence, Mass.  
 Whitcomb Geo. D. Co., Rochelle, Ill.  
 Wilfert John Co., 258 B'way, New York  
 Williams D. T. Valve Co., Cincinnati, O.  
 Wood R. D. & Co., 400 Chestnut, Phila.,  
 Pa.  
 Yarnell-Waring Co. ("Caskey-Simplex"),  
 Harrison bldg, Phila., Pa.

### 16256—Valve Seats (Ball)

Cassady Fairbank Mfg. Co., 6126 La Salle,  
 Chicago, Ill.  
 Darling Pump & Mfg. Co. (Ltd.), Will-  
 iamspoint, Pa.  
 Hough Chas. N. Mfg. Co. ("Steelex,"  
 "Bronzex," for Artesian & Oil Wells),  
 Franklin, Pa.  
 Morency-Van Buren Mfg. Co., Sturgis,  
 Mich.



**16257— Valve Stems**

Bliss Supply Co., 815 Long av, Cleveland, O.  
 Boston Forge Co., E. Boston, Mass.  
 Erie Forge Co., Erie, Pa.  
 Steel Products Co., 2206 Clarkwood av, S E, Cleveland, Ohio  
 Union Drop Forge Co. (Drop Forged), 358 W Grand, Chicago, Ill.  
 Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**16258—Valve Testing Device**

**WESTINGHOUSE AIR BRAKE CO.**  
 ("Westinghouse," Portable, Triple), Pittsburgh, Pa.

**PATENTS**

Our Hand Book on Patents, Trade Marks, etc., sent free. Patents procured through Munn & Co., receive free notice in the *Scientific American*.

**Munn & Co., 699 Woolworth Bldg., N. Y.**  
 Washington Office: 625 F Street, Washington, D. C.

**16259—\*Valves (Accumulator)**

**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

**16260— Valves (Acid)**

Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.  
 Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.  
 Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.  
**CHEMICAL PUMP & VALVE CO., THE** (Also Valves for Acid), 327 Gifford, Perth Amboy, N. J.  
 Cleveland Brass Mfg. Co. ("Acimet"), 4606 Hamilton, Cleveland, O.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 Durlon Castings Co. ("Durlorn" Straightway), 90 West, New York, N. Y.  
 Eastwood Wire Mfg. Co., Belleville, N. J.  
 Graham Chas. Chemical Pottery Works (Stoneware), 986 Metropolitan av, Brooklyn, N. Y.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Jarecki Mfg. Co., Erie, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Konold M. J. Co., Bessemer bldg, Pittsburgh, Pa.  
 Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Marquette John N. Sons (Lead-Lined), 513 S Eden, Baltimore, Md.  
 Moore Bros. Co., Elizabeth, N. J.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. & V. Ry., Pittsburgh, Pa.  
 Pratt Engineering & Machine Co. (Straight way or Angle), Atlanta, Ga.  
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.  
 Rensselaer Valve Co., Troy, N. Y.  
 Robertson Jas. Lead Co., 827 S Howard, Baltimore, Md.  
 Shaw Benj. F. Co., 501 E 2d, Wilmington, Del. *See adv index at end of book*  
 Simmons John Co., 110 Centre, New York  
 United Lead Co., 111 B'way, New York  
 United States Stoneware Co. (Glazed Stoneware), Akron, O.  
 York Mfg. Co., Ltd., York, Pa.

**16261— Valves (Acid Egg)**

Moore Bros. Co., Elizabeth, N. J.  
 Robertson Jas. Lead Co., 827 S Howard, Baltimore, Md.

**Valves (Adams)**

*See Valves, Y*

**16262—Valves (Aiken Operating)**

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

**16263— Valves (Air)**

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.  
 American Pin Co. ("Ampinco"), Waterbury, Conn.  
 American Radiator Co. ("Norwall"), 802 S Michigan av, Chicago, Ill.  
 Bashlin Co., Warren, Pa.  
 Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Wellby Special," "Jumbo," "Water Seal," "Gem," Automatic, "No. 3," Lockseal, etc.), New Britain, Conn.  
 Belfield H. Co., 435 N Broad, Phila., Pa.  
 Belknap Mfg. Co. (Automatic), Bridgeport, Conn.  
 Bishop-Babcock-Becker Co. ("Vacustat"), Cleveland, O.  
 Bogardus-Nelson Co. ("Adjust," "Arbol," "Barion," "Namond," "Tre-Foil," "Trident," "Sentinel," "Stokset," "Nelgard," All Automatic), Marshalltown, Ia.  
 Buckeye Iron & Brass Works (Radiator), Dayton, O.  
 Cadman A. W. Mfg. Co., 2816 Smallman, Pittsburgh, Pa.  
 Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.  
 Coffin Valve Co., Neponset, Boston, Mass.  
 Consolidated Engineering Co. ("Van Aiken" Water Seal, Automatic), 507 W Jackson bldg, Chicago, Ill.  
 Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 Davis Geo. M. Regulator Co. ("Victor"), 422 Milwaukee av, Chicago, Ill.  
 Denver Hydro Co. ("Sentinel" Automatic), 1520 Elizabeth, Denver, Colo.  
 Eddy Valve Co., Waterford, N. Y.  
 Edelmann E. & Co. ("Perfecto," Automatic), 341 E Ohio, Chicago, Ill.  
 Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.  
 Foster Engineering Co. (Air Reducing & Relief), 109 Monroe, Newark, N. J.  
 Frantz-Premier Co. ("Premier"), Cleveland, O.  
 Fulton Co. ("Sylphon" Automatic), Knoxville, Tenn.  
 Glauber Brass Mfg. Co., 49th & Superior av N E, Cleveland, O.  
 Gold Car Heating & Lighting Co., 17 Battery pl, New York  
 Harlem Mfg. Co. ("Omega," Automatic, etc), 518 W 55th, New York  
 Hoffmann B. Mfg. Co., Milwaukee, Wis.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 International Heater Co. (Radiator), Utica, N. Y.  
 Jarecki Mfg. Co., Erie, Pa.  
 Jenkins Bros. ("Jenkins" Automatic), 82 White, New York  
 Kelly Brass Works (Automatic Steam), 226 W Ontario, Chicago, Ill.  
 Kelly & Jones Co. (Radiator), 135 Water, Pittsburgh, Pa.  
 Lawler Regulator Co. ("Lawler" Automatic Floatless for Hot Water Radiators), 55 W Houston, New York  
 Leyner J. Geo. Engineering Works Co., Littleton, Colo.  
 Loetzer Valve & Mfg. Co. (For Water Mains), Monroeton, Pa.  
 Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
**McRAE & ROBERTS CO.,** 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Magee Valve Co. ("Jumbo"), 105 Beekman, New York

**When writing to firms listed in this book please mention HENDRICKS' COMMERCIAL RECISTER**

Marsh James P. & Co. ("Acme," "Paul," "Illinois," "Seattle," "Original," "No. 4 Lock & Shield," "No. 6 Duplex"), 118 S Clinton, Chicago, Ill.  
 Marshall Foundry Co., Pittsburgh, Pa.

**AIR VALVES**

Mesta Automatic Plate Valves [Iversen Patent] for Blowing Engines, Air Compressors, Vacuum Pumps, etc.

*Write for Bulletin "D"*

**MESTA MACHINE COMPANY**  
 PITTSBURGH, PA., U. S. A.

Monarch Valve Co. ("Monarch" Auxiliary), 112 Front, B'klyn, N. Y.  
 Monarch Brass Co. ("Monarch" Gravity), Way Drain, 1407 W Jackson bldg, Chicago, Ill.  
**NASON MFG. CO.,** 71 Fulton, New York  
*See adv index at end of book*  
 National Brass Mfg. Co., Rochester, N. Y.  
 National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Norman C. Erwin & Co., 18 W Kinzie, Chicago, Ill.  
 Ohio Brass Co. (For Electric Car Sanders), Mansfield, O.  
 O'Meara J. (Inc.), 2 Lispenard, New York  
 Paul Andrew G. Co. ("Paul"), 131 State, Boston, Mass.  
 Phelps Bros. Co. ("Elmo" & "Crescent" Automatic Float), 25 Cliff, New York  
 Philadelphia Roll & Machine Co., 23d & Washington av, Phila., Pa.  
**PIERCE, BUTLER & PIERCE MFG. CORP.** ("Pneu-Vent," "Royal"), 437 E 162d, New York  
 Powell Wm. Co. (Compression, Noiseless Air Tight Dash Pot & Check), Cincinnati, O.  
 Rensselaer Valve Co., Troy, N. Y.  
 Roberts Brass Mfg. Co., Detroit, Mich.  
 Rockwood Sprinkler Co. ("Rockwood Dry Pipe" & "Rockwood Alarm"), Worcester, Mass.  
 Russell W. A. & Co. ("Imperial," "Eureka," "Perfect," Automatic), 63 W 37th, New York  
 Simmons John Co. (For Radiators), 110 Centre, New York  
 Simplex Valve & Meter Co. (Automatic), 110 N Broad, Phila., Pa.  
 Smith H. B. Co. ("Breckenridge" Automatic), Westfield, Mass.  
 Sterling & Skinner Mfg. Co. (Radiator Air) 2672 E Grand bldg, Detroit, Mich.  
 Tagliabue C. J. Mfg. Co. (Air Reducing), 18 33d, B'klyn, N. Y.  
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.  
 Thompson J. & Co. (Poppet), Van Horn & Sophia, Phila., Pa.  
 Triumph Ice Machine Co. (Automatic), Oakley, Cincinnati, O.  
 United States Metal & Mfg. Co. ("Crispin" for Water Mains), 165 Broadway, New York  
 Walworth Mfg. Co., Boston, Mass.  
 Watson & McDaniel Co., 146 N 7th, Philadelphia, Pa.  
 Universal Valve Co., Burlington, Wis.  
 Wood R. D. & Co., 400 Chestnut, Philadelphia, Pa.  
 Whitcomb Geo. D. Co., Rochelle, Ill.  
 Yarnall-Waring Co. (High Pressure, "Castkey Simplex"), Harrison bldg, Philadelphia, Pa.

**16264— Valves (Air Discharge Pressed Steel)**

Pressed Steel Tank Co. (For Blowing Engines & Compressors), 58th & Greenfield av, Milwaukee, Wis.

**16265—Valves (Air, for Coal Mines)**

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.



**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
See adv index at end of book  
National Tube Co., Frick bldg. Pittsburgh, Pa.  
See adv index at end of book

### 16266—Valves (Air Regulating)

Johnson Service Co. ("Johnson"), 153 Michigan, Milwaukee, Wis.  
**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.  
See adv index at end of book  
Production Engng. Co. (For Blast Pipes for Cupolas), 1716 Spring Garden, Phila., Pa.  
Strong, Carlisle & Hammond Co., 336 Frankfort av N W, Cleveland, O.

### 16267—Valves (Altitude Controlling)

Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg. Pittsburgh, Pa.  
Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
See adv index at end of book  
Simplex Valve & Meter Co. (For Controlling the Level of Water in Reservoirs, Stand Pipes & Railroad Tanks), 110 N Broad, Phila., Pa.

### 16268—Valves (Ammonia)

Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
See adv index at end of book  
American Valve Co., Cossackie, N. Y.  
Ashton Valve Co., 161 First, Cambridge, Mass.  
Baker Ice Machine Co., Omaha, Neb.  
Brunswick Refrigerating Co., West New Brunswick, N. J.  
Columbus Iron Works (Globe & Angle), Columbus, Ga.  
Crane Co. (Est. 1855), 836 S Michigan av.  
For branch offices see adv index at end of book  
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.  
Foster Engineering Co. (Pressure), 109 Monroe, Newark, N. J.  
Great Lakes Engineering Works, Detroit, Mich.  
Ice & Cold Machine Co., 3003 N B'way, St. Louis, Mo.  
Jenkins Bros. ("Jenkins Bros."), 82 White, New York  
Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
Lunkenheimer Co., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
See adv index at end of book  
**NASON MFG. CO.**, 71 Fulton, New York  
See adv index at end of book  
Pratt & Cady Co. ("P. & C."), Hartford, Conn.  
Star Brass Mfg. Co. ("Quincy Market") 108 E Dedham, Boston, Mass.  
Triumph Ice Machine Co., Oakley, Cincinnati, O.  
Universal Valve Co., Burlington, Wis.  
York Mfg. Co., York, Pa.

### Valves (Angle)

See Valves, Globe & Angle

### 16269—Valves (Anti-Freezing)

Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

### 16270—Valves (Asbestos Packed)

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
For branch offices see adv index at end of book  
Fairbanks Co., 416 Broome, New York  
Pratt & Cady Co. ("P. & C."), Hartford, Conn.

### Valves (Automatic Air)

See Valves, Air

### 16271—Valves (Automatic Drip)

Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

### 16272—Valves (Back Pressure)

Acton John, 118 John, Brooklyn, N. Y.

American District Steam Co., North Tonnawanda, N. Y.  
American Fdry. & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
Atwood & Morrill ("XX" Century), 48 Loring av, Salem, Mass.  
Buckeye Iron & Brass Works, Dayton, O.  
Burrows Mfg. Co., York, Pa.  
Coldwell-Wilcox Co., Newburgh, N. Y.  
Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.

Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Crane Co., Bridgeport, Conn.  
Davis Geo. M. Regulator Co., 422 Milwaukee av, Chicago, Ill.  
Fisher Governor Co., Marshalltown, Ia.  
Foster Engineering Co. (For Heating Systems), 109 Monroe, Newark, N. J.  
Garrett W. D. & Co., 136 Liberty, New York

**HARRISON SAFETY BOILER WORKS** ("Cochrane" Multiport), 3147 N 17th, Phila., Pa.  
See adv index at end of book

Hoffman B. Mfg. Co. ("Hoffman"), 257 6th, Milwaukee, Wis.

Hoffmann & Billings Mfg. Co., Milwaukee, Wis.

Hussey, McCann & Co., 87 Warren, New York

Illinois Engineering Co. ("Eclipse") 5021 S State, Chicago, Ill.

Imperial Iron Works, Duluth, Minn.

Jarecki Mfg. Co., Erie, Pa.

Jenkins Bros. ("Jenkins Bros."), "Excelsior", 82 White, New York

Keeble Alex. K., Lawrence, Mass.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Kieley & Mueller, 34 W 13th, New York

Klipfel Mfg. Co. ("K. & T."), 2651 W. Harrison, Chicago, Ill.

Konold M. J. Co., 601 Bessemer bldg, Pittsburgh, Pa.

Locke Regulator Co., Salem, Mass.

Lunkenheimer Co., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
See adv index at end of book

McGowan John H. Co., Cincinnati, O.

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
See adv index at end of book

**NASON MFG. CO.**, 71 Fulton, New York  
See adv index at end of book

Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Pratt & Cady Co., Hartford, Conn.

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Standard Steam Specialty Co. ("Utility"), 542 W. B'way, New York

Stephens Roe Mfg. Co. ("Scott"), Detroit, Mich.

Watts Regulator Co. ("Watts"), Lawrence, Mass.

Williams D. T. Valve Co., New York

Worthington Pump & Machy. Corp., 115 Broadway, New York

### 16273—Valves (Back Water & Sewer Gas)

Advance Mfg. Co. ("Palmer"), Erie, Pa.  
Barrett Jas. Mfg. Co. ("Barrett," "O. D.") 117 Pearl, Boston, Mass.

Edwardsville Brass Co., Edwardsville, Ill.

Glenn Fred. E. ("Glenn" Combination Floor Drain & Back Water Valve), St. Charles, Ill.

Kennedy Valve Mfg. Co. ("Pennie"), Elmira, N. Y.

Wade Iron Sanitary Mfg. Co., 551 Fulton, Chicago, Ill.

### 16274—Valves (Balance)

Acton John, 118 John, Brooklyn, N. Y.

American Balance Valve Co. ("American" Balanced & "Jack Wilson" High Pressure), Jersey Shore, Pa.

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.

Atwood & Morrill (Lever), 48 Loring av, Salem, Mass.

Baker Valve Co. ("Baker" Balanced Piston), 1855 E 28th, Minneapolis, Minn.

Belfield H. Co., 435 N Broad, Phila., Pa.

Bridgman Bros. Co. ("Quick Opening" Balanced Regulating), 1426 Washington av, Phila., Pa.

Buckeye Iron & Brass Works, Dayton, O.

Caldwell W. E. Co., 2270 Brook, Louisville, Ky.  
See adv index at end of book

Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.

For branch offices see adv index at end of book

Davis Geo. M. Regulator Co. (Steam, Air & Water), 422 Milwaukee av, Chicago, Ill.

Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.

Engineers' Appliance Co. ("Hydro-matic"), Cleveland, O.

Foster Engineering Co. (Lever), 109 Monroe, Newark, N. J.

Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.

Gould Balance Valve Co., Kellogg, Ia.

Hammett H. G. ("Richardson" & "Allen-Richardson" Slide Locomotive), Troy, N. Y.

Harris Arthur & Co., 212 N Curtis, Chicago, Ill.

Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.

Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.

Locke Regulator Co., Salem, Mass.

**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
See adv index at end of book

McNab & Harlin Mfg. Co., 55 John, New York

**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.  
See adv index at end of book

**NASON MFG. CO.**, (Balance & Quick Opening), 71 Fulton, New York  
See adv index at end of book

Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Schutte & Koerting Co., 1251 N 12th, Phila., Pa.

Spencer Regulator Co. ("Spencer"), Salem, Mass.

Stephens Roe Mfg. Co., Detroit, Mich.

Waters Governor Co., 141 Milk, Boston, Mass.

Watts Regulator Co. ("Watts"), Lawrence, Mass.

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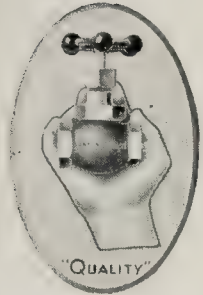
Watts Regulator Co. ("Watts"), Lawrence, Mass.



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Blow-off  
Valves  
Pop Safety  
Valves  
Relief Valves

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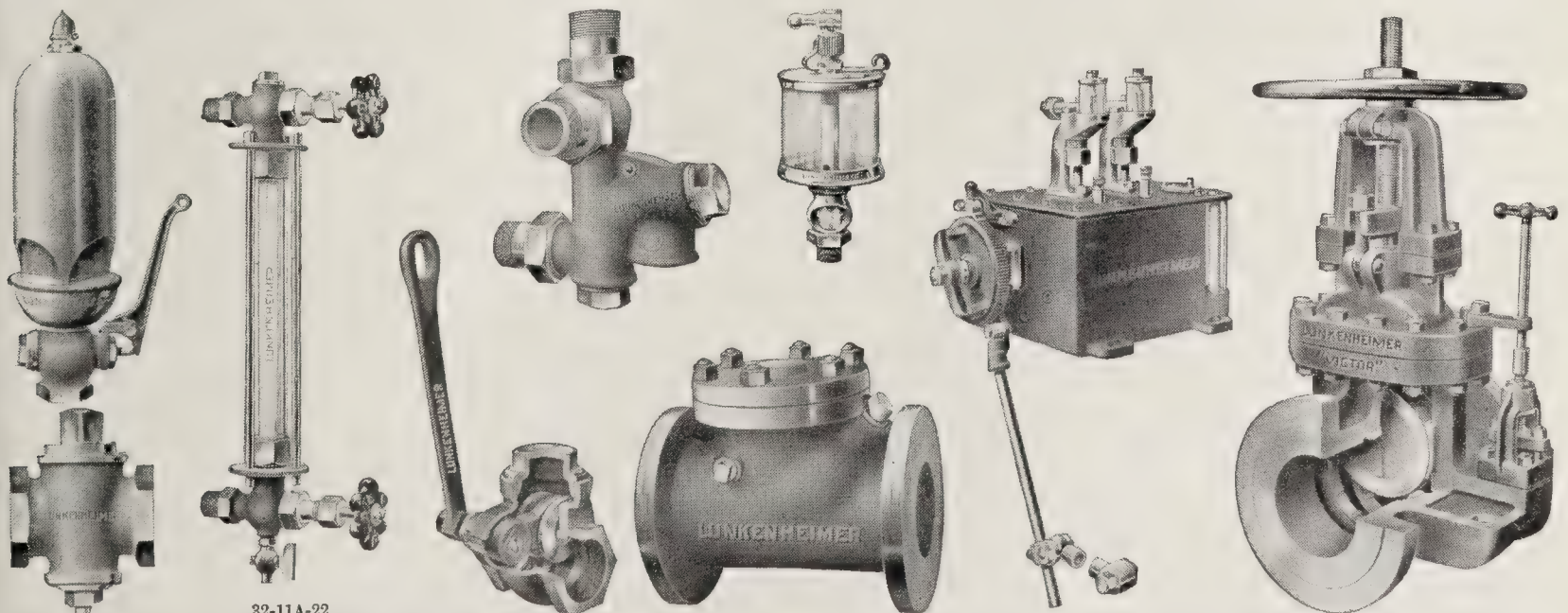
Chicago

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Water  
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Whistle Valves  
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Lubricators  
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Oil Pumps  
Oil and  
Grease Cups  
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Hendricks'  
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Register



**16280—Valves (Blast Furnace)**

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.  
 Hartman Co., 1231 N Front, Phila., Pa.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.

**16281—Valves (Blast & Gas)**

American Foundry & Construction Co., 2nd av & Longworth, Pittsburgh, Pa.  
 Atlas Engineering Co. (Gas) Amherst, O. *See adv index at end of book*  
 Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.  
 Connersville Blower Co., Connersville, Ind.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Marshall Foundry Co. (Gas), Pittsburgh, Pa.  
 Miller W. R. Co. (Gas), House bldg, Pittsburgh, Pa.  
 Morgan Construction Co. (Dyblie, Reversing Valves for Gas & Air), Worcester, Mass.  
 Philadelphia Roll & Machine Co. (Gas), 23d & Washington av, Phila., Pa.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A V Ry, Pittsburgh, Pa.  
 Pratt & Cady Co. ("P. & C." Gas), Hartford, Conn.  
 Roots P. H. & F. M. Co., Connersville, Ind.  
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.  
 Universal Valve Co., Burlington, Wis.  
 Weimer Machine Works Co., Lebanon, Pa.  
 Western Gas Construction Co. (Gas), Ft. Wayne, Ind.

**16282—\*Valves (Bleeder)**

Harrison Safety Boiler Works, 3147 N. 17th, Phila., Pa.  
*See adv index at end of book*

**16282a—\*Valves (Block Tinned, Brass & Iron)**

**NASON MFG. CO., 71 Fulton, New York**  
*See adv index at end of book*

**16283—Valves (Blow-off)**

Acton John, 118 John, Brooklyn, N. Y.  
 American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.  
 Ashton Valve Co., 161 First, Cambridge, Mass.  
 Bashlin Co., Warren, Pa.  
 Bordo L. J. Co. (For Locomotives, also Blower), 12th & Thompson, Phila., Pa.  
 Buckeye Iron & Brass Works (Brass & Iron Wuy, etc), Dayton, O.  
 Cadman A. W. Mfg. Co. ("Indestructible" High Pressure, etc.), 2816 Smallman, Pittsburgh, Pa.  
 Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.  
 Chicago Mfg. Co. ("Lippy," 2-inch Brass), 1464 S. Michigan av, Chicago, Ill.  
 Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crosby Steam Gage & Valve Co. ("Johnstone"), 40 Central, Boston, Mass.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 De Zouche, Hanson & Co. ("R. C."), 14 N 5th, Phila., Pa.  
 Douds Frank C. & Co. ("Douds"), New Castle, Pa.  
 Eastwood Wire Mfg. Co. (For Digesters, etc), Belleville, N. J.  
 Edward Valve & Mfg. Co., ("Edward"), 343 S Dearborn, Chicago, Ill.  
 Elliott Co. ("Faber"), Pittsburgh, Pa.  
 Eynon-Evans Mfg. Co., N 15th & Clearfield, Phila., Pa.  
 Fairbanks Co. ("Sphero"), 416 Broome, N. Y.  
 Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.  
 Fowden Wm. T. ("Security"), Chester, Pa.  
 Hancock Inspirator Co., 119 W 40th, New York  
 Haydenville Co. (Brass & Iron), Haydenville, Mass.

Hoffmann B. Mfg. Co., 257 6th, Milwaukee, Wis.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Illinois Engineering Co., 5021 S State, Chicago, Ill.  
 Jarecki Mfg. Co. (Iron Body Angle), Erie, Pa.  
 Jenkins Bros. ("Jenkins" Y or Blow-Off), 82 White, New York  
 Kelly & Jones Co. ("Y." & "Myers" Pattern), 135 Water, Pittsburgh, Pa.  
 Konold M. J. Co. (Locomotive), Bessemer bldg, Pittsburgh, Pa.  
 Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
**LUNKENHEIMER CO.** ("Duro" Locomotive, Angle & Straightway), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 Lytton Mfg. Corp. ("Lytton"), Franklin, Va.  
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Monarch Mach. Works ("Riggin"), Altoona, Pa.  
 Murray Specialty Mfg. Co., 97 Woodbridge, Detroit, Mich.  
**NASON MFG. CO., 71 Fulton, New York**  
*See adv index at end of book*  
 National Supply Co. ("Shaw"), Toledo, O.  
 National Tube Co. (Iron Body), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Neenah Brass Works, Neenah, Wis.  
 Nelson Valve Co., Harrison bldg., Philadelphia, Pa.  
 Newhall Geo. M. Engineering Co. ("Vance" Compound), Commercial Trust bldg, Philadelphia, Pa.  
 O'Malley-Beare Valve Co. ("Multiplate" for Locomotive & Stationary Plants), Railway Exchange bldg, Chicago, Ill.  
 Patterson-Allen Engineering Co. ("Everlasting"), 2 Rector, New York  
 Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.  
 Pittsburgh Valve & Supply Co. ("Best"), Pittsburgh, Pa.  
 Powell Wm. Co. ("Cyclone," "White Star," "Powell" & Y), Cincinnati, O.  
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.  
 Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.  
 Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.  
 Robertson Jno. F. Co. ("Robertson"), Park bldg, Pittsburgh, Pa.  
 Sargent Co. ("E. S. E." for Locomotives), Fisher bldg, Chicago, Ill.  
 Schiller Jos. F. ("Nolan") 316 S Lawrence, Philadelphia, Pa.  
 Schiller, Nolan & Co. ("Nolan"), 820 Cherry, Phila., Pa.  
 Scully Steel & Iron Co. ("Everlasting"), 2364 S Ashland av, Chicago, Ill.  
 Shevlin Geo. F. Mfg. Co. ("Baker & Shevlin"), Saratoga Springs, N. Y.  
 Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.  
 Talmage Mfg. Co., Cleveland, O.  
 Watson & McDaniel Co. ("W. & McD.," Straightway), 146 N 7th, Phila., Pa.  
 Wickes Boiler Co., Saginaw, Mich.  
 Williams D. T. Valve Co., Cincinnati, O.  
 Wiltbonco Mfg. Co. ("Freeport"), 24 Porter, Boston, Mass.  
 Yarnall-Waring Co. & "Simplex" Seatless), Harrison bldg., Philadelphia, Pa.

**16284—Valves (Boiler Feed)**

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 Edward Valve & Mfg. Co., ("Edward" Boiler Feed Pump), 343 S Dearborn, Chicago, Ill.  
 Engineers Appliance Co. ("Hydromatic"), Cleveland, O.  
 Fairbanks Co., 416 Broome, New York  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Knapp Bros. Mfg. Co. ("Knapp's" Automatic), 2419 W 14th, Chicago, Ill.  
 Locke Regulator Co., Salem, Mass.

**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 New Bedford Valve Mfg. Co., New Bedford, Mass.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Williams D. T. Valve Co., Cincinnati, O.

**16285—Valves (Boiler Stop)**

Darling Pump & Mfg. Co., Williamsport, Pa.  
 Golden-Anderson Valve \*Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
**LUNKENHEIMER CO.,** Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 New Bedford Valve Mfg. Co. (& Reverse Current), New Bedford, Mass.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Powell Wm. Co. ("Powell White Star" Automatic Non-Return Regulator), Cincinnati, O.  
 Williams D. T. Valve Co., Cincinnati, O.

**16286—Valves (Butterfly)**

American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Crane Co. (Est. 1855) (Brass & Iron), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.  
 Jarecki Mfg. Co. (Iron Body), Erie, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
**LUNKENHEIMER CO.,** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 McNab & Harlin Mfg. Co., 55 John, New York  
 Marshall Foundry Co., Pittsburgh, Pa.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.  
 Powell Wm. Co. ("Powell" Brass & Iron), Cincinnati, O.  
 Schutte & Koerting Co. ("Schutte" Engine, Stops, etc), 1251 N 12th, Philadelphia, Pa.  
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

**16287—Valves (By-Pass)**

Darling Pump & Mfg. Co., Williamsport, Pa.  
 Fairbanks Co., 416 Broome, New York  
 Ford Thos. P. Co., 407 Broome, New York  
 Lloyd Construction Co. ("Lloyd"), Detroit, Mich.  
**LUNKENHEIMER CO.** ("Samson," "Victor"). Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
 McRae & Roberts Co., 222 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 National Tube Co. (Iron Body), Frick bldg., Pittsburgh, Pa.  
*See adv index at end of book*  
 Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.  
 Pratt & Cady Co. ("P. & C"), Hartford, Conn.

**16288—Valves (Carbonic Acid Gas)**

McNab & Harlin Mfg. Co., 55 John, New York

**16289—Valves (Cask)**

Deckebach F. C. Sons Co., 123 W Court, Cincinnati, O.  
 Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*



**16290— Valves (Check)**

Acton Jno. (Boiler Automatic Stop & Triple Duty), 118 John, Brooklyn, N. Y.  
 Albany Steam Trap Co. ("Blessing"), Albany, N. Y.  
 American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.  
 American Steam Gauge & Valve Mfg. Co. (Hydraulic), 208 Camden, Boston, Mass.  
 American Valve Co. (Swing), Coxsackie, N. Y.  
 Bashlin Co., Warren, Pa.  
 Belfield M. Co., 435 Broad, Phila., Pa.  
 Breeze Carbureter Co., 250 South, Newark, N. J.  
 Buckeye Iron & Brass Works (Iron & Brass Body), Dayton, O.  
 Chambersburg Engng Co., (Hydraulic) Chambersburg, Pa.  
 Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.  
 Coffin Valve Co., Neponset, Boston, Mass.  
 Coldwell-Wilcox Co., Newburgh, N. Y.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crane Co., Bridgeport, Conn.  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
 Davis Geo. M. Regulator Co. (Auto), 422 Milwaukee av, Chicago, Ill.  
 Detroit Brass Works, Detroit, Mich.  
 Draper Mfg. Co. (Ball Check), Port Huron, Mich.  
 Eastwood Wire Mfg. Co. (Regrinding), Belleville, N. J.  
 Eddy Valve Co., Waterford, N. Y.  
 Edward Valve & Mfg. Co. ("Edward") Vertical & Horizontal, 343 S Dearborn, Chicago, Ill.  
 Evans Mfg. Co. (Ltd.), Butler, Pa.  
 Eynon-Evans Mfg. Co. (Extra Heavy), N 15th & Clearfield, Phila., Pa.  
 Fairbanks Co., 416 Broome, New York  
 Fewlass-Leen Brass & Iron Co., Cincinnati, O.  
 Foster Engineering Co. (Automatic Non-Return Stop), 109 Monroe, Newark, N. J.  
 French Oil Mill Machinery Co., Piqua, O.  
 General Fire Extinguisher Co. (Iron Body), Providence, R. I.  
 Golden-Anderson Valve Specialty Co., Fulton, bldg, Pittsburgh, Pa.  
 Hall Mfg. Co., Harrison, N. J.  
 Hancock Inspirator Co. (Swing), 119 W 40th, New York  
 Haydenville Co. (Brass & Iron Body), Haydenville, Mass.  
 Hays Mfg. Co., Erie, Pa.  
 Hennebohle (Automatic), 8101 S. Chicago av, Co., Chicago, Ill.  
 Hinman D. A. & Co. ("Enterprise," "Horizontal"), Sandwich, Ill.  
 Hoffman B. Mfg. Co. (Brass & Iron), 257 6th, Milwaukee, Wis.  
 Hoffman & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.  
 Homer Brass Works (Inc.), 231 Race, Phila., Pa.  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio  
 Jarecki Mfg. Co., Erie, Pa.  
 Jenkins Bros ("Jenkins Bros." Equalizing Differential, Automatic, Impulse, etc), 82 White, New York  
 Kelly & Jones Co. (Brass, Iron Body, etc), 135 Water, Pittsburgh, Pa.  
 Kennedy Valve Mfg. Co. ("Swinging"), Elmira, N. Y.  
 Kinsey & Mahler Co. ("K. & M."), Peoria, Ill.  
 Lagonda Mfg. Co. (Automatic Cutoff), Springfield, O.  
 Locke Regulator Co., Salem, Mass.  
 Lonergan J. E. Co., 211 Race, Phila., Pa.  
 Long Grate Bar Co ("Geiser," Automatic Water Gauge), Buffalo, N. Y.  
 Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
**LUNKENHEIMER CO.** (Ball & Swing), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 McDonald A. Y. Mfg. Co., Dubuque, Ia.  
 McNab & Harlin Mfg. Co., 55 John, New York  
 Mark Mfg Co., Evanston, Ill.  
 Max Machine Co. ("K-V"), Clinton, Mass.  
 Milwaukee Valve Co. ("M"), 139 Burrell, Milwaukee, Wis.

Monarch Valve Co. ("Monarch"), 112 Front, Brooklyn, N. Y.  
 Mueller H Mfg. Co., Decatur, Ill.  
**NASON MFG. CO., 71 Fulton, New York**  
*See adv index at end of book*  
 National Brass Mfg. Co. (Swing Check), Rochester, N. Y.  
 National Tube Co. (Swing with "KEWANE" Union), Frick bldg., Pittsburgh, Pa. *See adv index at end of book*  
 Neenah Brass Works, Neenah, Wis.  
 Nelson N. O. Mfg. Co. ("Reid"), 10th & Chestnut, St. Louis, Mo.  
 Nelson Valve Co. (Horizontal Cup, Vertical, Swing & Cushioned Stop & Check & Horizontal Check), Harrison bldg., Philadelphia, Pa.  
 Nolte Brass Co., Springfield, O.  
 Ohio Brass Co. ("Ohio Brass," Bronze), Mansfield, O.  
 Ohio Injector Co. ("O. I. Co."), Wadsworth, O.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 O'Malley-Beare Valve Co. (Multiplate), Railway Exchange bldg, Chicago, Ill.  
 Peck Bros. & Co., New Haven, Conn.  
**Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.**  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. & V. Ry., Pittsburgh, Pa.  
**Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.**  
 Powell Wm. Co. ("Powell White Star," "Crescent" & "Star" Horizontal Angle, Swing Ball, Vertical, etc), Cincinnati, O.  
 Pratt & Cady Co. ("P. & C"), Hartford, Conn.  
 Queen City Brass & Iron Works Spring Grove & Garrard avs, Cincinnati, O.  
 Rensselaer Valve Co. (Horizontal), Troy, N. Y.  
 Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.  
 Robertson Jno. F. Co. ("Robertson" Noiseless), Park bldg, Pittsburgh, Pa.  
**Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.**  
**SCHUTTE & KOERTING CO.** ("Schutte" Automatic Emergency Stop Check), 1251 N 12th, Phila., Pa.  
 Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.  
 Stephens Roe Mfg. Co. ("Flower," "Scott," "Rouse"), Detroit, Mich.  
 Thompson J. & Co., Van Horn & Sophia, Phila., Pa.  
 Walworth Mfg. Co., Boston, Mass.  
 Williams D. T. Valve Co., Cincinnati, O.  
 Williams Wm. E. ("W. E. W."), 62 Front, New York  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
**Worthington Pump & Machy. Corp., 115 B'way, New York**

**16291— Valves (Chimney)**

Amsler Walter O., Wabash bldg, Pittsburgh, Pa.  
 Hartman Co. (For Blast Furnace), 1231 N Front, Phila., Pa.

**16292—Valves (Chronometer)**

Kelly & Jones Co. ("Empire" Automatic), 135 Water, Pittsburgh, Pa.  
**Mason Regulator Co. ("Mason") 1192 Adams, Boston, Mass.**  
*See adv index at end of book*  
 Union Water Meter Co. (For Water, Steam, Gas & Pump Regulation), Worcester, Mass.

**Valves (Closet Flushing)**

See Valves, Flushing

**Valves (Coke Oven)**

See Valves, Gas & Coke Oven

**16293—Valves (Conductors')**

**WESTINGHOUSE AIR BRAKE CO., Pittsburgh, Pa.**

**16294— Valves (Corner)**

Buckeye Iron & Brass Wks. (With or Without Jenkins Disc), Dayton, O.  
 Fairbanks Co., 416 Broome, New York  
**LUNKENHEIMER CO.,** Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

**16295— Valves (Critchlow)**

**American Foundry & Const. Co., 2nd av & Longworth, Pittsburgh, Pa.**  
**MORGAN ENGINEERING CO.,** Alliance, O. *See adv index at end of book*  
 Pittsburgh Valve, Foundry & Construction Co. (Operating), 26th & A. V. Ry, Pittsburgh, Pa.

**16296— Valves (Cross)**

Buckeye Iron & Brass Works (Regrinding Cross, Crosshead, Pump, etc), Dayton, Ohio  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Fairbanks Co., 416 Broome, New York  
 Hancock Inspirator Co., 119 W 40th, New York  
 Hoffmann B. Mfg. Co. (Iron Body), 257 6th, Milwaukee, Wis.  
 Jenkins Bros., 82 White, New York  
 Kelly & Jones Co. ("Excelsior," Regrinding) 135 Water, Pittsburgh, Pa.  
**LUNKENHEIMER CO.** ("Renewo," "Ferrenewo," "Samson"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co. (Brass & Iron), 55 John, New York  
 Milwaukee Valve Co. ("M," Brass), 139 Burrell, Milwaukee, Wis.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg., Chicago, Ill.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.  
 Powell Wm. Co. ("Powell White Star," "Model Star" & "Crescent"), Cincinnati, O.  
 Pratt & Cady Co. ("P & C"), Hartford, Conn.  
 Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.  
 Williams Wm. E. ("W. E. W."), 62 Front, New York

**16297— Valves (Cut-off)**

Lagonda Mfg. Co. ("Weinland" Automatic), Springfield, O.  
 Lunkenheimer Co., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Powell Wm. Co., Cincinnati, O.

**16298—Valves (Cylinder Operated)**

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry. Pittsburgh, Pa.

**16299—Valves (Diaphragm Reducing)**

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y. *See adv index at end of book*  
 Watson & McDaniel Co. ("Watson"), 146 N 7th, Phila., Pa.

**16300—Valves (Electrically Operated)**

Chapman Valve Mfg. Co., ("Chapman") Indian Orchard, Mass.  
 Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.  
 Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
 Nelson Valve Co., Harrison bldg., Philadelphia, Pa.  
 Pratt & Cady Co. ("P & C"), Hartford, Conn.  
 Rensselaer Valve Co., Troy, N. Y.

**16301—Valves (Emergency)**

Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.  
 Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.  
 Foster Engineering Co. (Boiler Safety Stop Combination or 4 Duty), 109 Monroe, Newark, N. J.  
 Garrett W. D. & Co. (Boiler Shut-Off), 136 Liberty, New York  
**LUNKENHEIMER CO.,** Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*



National Brake & Electric Co. (And Variable Release, "National" for Electric Cars), ft. Bellevue pl, Milwaukee, Wis.  
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.

### 16302—Valves (Engine & Tank)

Landlan-Buck Mfg. Co. ("Cotter's"), 210-14 N. 3d, St. Louis, Mo.  
Ioffmann B. Mfg. Co. (Three-Way Engine), 257 6th, Milwaukee, Wis.

### 16303—Valves (Eureka "Y")

National Tube Co. (Iron Body), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*

### 16304—Valves (Exhaust)

Baker Ice Machine Co. (Automatic), Omaha, Neb.  
Barco Brass & Joint Co. (Automobile), 212 W Illinois, Chicago, Ill.  
Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.  
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
Foster Engineering Co. (Free Exhaust), 109 Monroe, Newark, N. J.  
Harrison Safety Boiler Works, 3147 W. 17th, Phila., Pa.  
*See adv index at end of book*  
Head-Morrison Mfg. Co. ("Three-Way"), cor Prescott & Orleans, East Boston, Mass.  
Nelson Valve Co., Harrison bldg., Philadelphia, Pa.  
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.  
Pittsburgh Valve & Supply Co., Pittsburgh, Pa.  
Pratt & Cady Co. ("P & C"), Hartford, Conn.  
Schutte & Koerting Co. ("Schutte" Marine Free Exhaust), 1251 N 12th, Phila., Pa.

### 16305-6—Valves (Fibre)

*See also Fibre Manufacturers, Hard*  
American Vulcanized Fibre Co. (Vulcanized), 504 Equitable bldg, Wilmington, Del.  
Brandywine Fibre Products Co. ("Davis"), East Wilmington, Del.  
Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.  
**DELAWARE HARD FIBRE CO.**, Wilmington, Del. Works: Marshalltown, Del. *See adv index at end of book*  
Diamond State Fibre Co., Elsmere, Del.  
National Fibre & Insulation Co., Yorklyn, Del.  
Spaulding J. & Sons Co. (Hard Fibre), P. O Box 52, Tonawanda, N. Y.  
*See adv index at end of book*  
Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.  
**WILMINGTON FIBRE SPECIALTY CO.** (Vulcanized), Wilmington, Del.  
*See adv index at end of book*

### 16307—Valves (Flap)

Coldwell-Wilcox Co., Newburgh, N. Y.  
Columbian Iron Works, Chattanooga, Tenn.  
Ludlow Valve Mfg. Co. (For Sewers), ft. of Adams, Troy, N. Y.

### 16308—Valves (Float)

American Steam Gauge & Valve Mfg. Co. ("American Ideal" Automatic), 208 Camden, Boston, Mass.  
Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Wellby" Special "Jumbo"), New Britain, Conn.  
Bushnell Tank Works, Bushnell, Ill.  
Butler Co., Butler, Ind.  
Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
Davis Geo. M. Regulator Co. ("Davis"), 422 Milwaukee av, Chicago, Ill.  
Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.  
Eddy Valve Co. (Automatic Balance), Waterford, N. Y.  
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.  
Flint & Walling Mfg. Co. "Hoosier" (For Tanks), Kendallville, Ind.

Foster Engineering Co. (Auxiliary & Direct Acting Type), 109 Monroe, New-ark, N. J.  
Freshour Henry C. ("F. F. V."), Bridgeport, Conn.  
Golden-Anderson Valve Specialty Co. ("Anderson" Automatic), Fulton bldg, Pittsburgh, Pa.  
Hayes Pump & Planter Co. ("The Enterprise"), Galva, Ill.  
Hinman D. A. & Co. ("Enterprise" Railroad & Tank), Sandwich, Ill.  
Homestead Valve Mfg. Co., Pittsburgh, Pa.  
Illinois Engineering Co. ("Eclipse"), 5021 S. State, Chicago, Ill.  
Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.  
Lavigne Mfg. Co. (Gasoline), Detroit, Mich.  
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
McDonald A. Y. Mfg. Co., Dubuque, Ia.  
Mason Regulator Co., ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.  
Scheve Mfg. Co., 2528 N American, Phila., Pa.  
Simmons John Co., 110 Centre, New York  
Watts Regulator Co. ("Watts"), Lawrence, Mass.  
Western Mfg. Co. ("Iowa"), Oskaloosa, Ia.

### 16309—Valves (Flushing)

Acheson Mfg. Co. ("Ampinco" Syphon), Rankin, Pa.  
American Pin Co. (Syphon), Waterbury, Conn.  
Ansonia Mfg. Co., 534 Hudson, New York  
Boston Brass Co., ("B. B.") 135 Bacon Waltham, Mass.  
*See adv index at end of book*  
Buckeye Tank & Seat Co. ("Young"), Canton, O.  
Cleveland Flush Meter Co. ("Cleveland" Push Button & Lever Action Flush Meter), 118 Noble ct., Cleveland, O.  
Columbus Brass Co., 538 Dublin av, Columbus, O. *See adv index at end of book*  
Colwell Lead Co., 437 E. 162d, New York  
Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.  
Dececo Co. ("Carson," "N-B," "D-C"), 157 High, Boston, Mass.  
Detroit Tank & Seat Co., Detroit, Mich.  
Edwardsville Brass Co., Edwardsville, Ill.  
Eichman J. C. Mfg. Co., Bush & Wicomico, Baltimore, Md.  
Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.  
Excelvalve Co. ("Excel-O-Valve"), 1777 Broadway, New York  
Exeter Brass Works ("N. H."), Exeter, N. H.  
Federal-Huber Co., 234 N Halsted, Chicago, Ill.  
Flushvalve Co. ("Flush-O-Valve"), 245 Centre, New York  
Frost Mfg. Co. ("Frost" Low-Down Closet, etc), Kenosha, Wis.  
Haas Philip Co. ("Haas"), Dayton, O.  
Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.  
Haydenville Co., Haydenville, Mass.  
Heap Wm. & Sons (Syphon), Grand Haven, Mich.  
Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.  
Homer Brass Works, 231 Race, Phila., Pa.  
Humphreys Mfg. Co. ("Douglas Pattern"), Mansfield, O.  
Hungerford U. T. Brass & Copper Co. ("Star"), 80 Lafayette, New York  
Imperial Brass Mfg. Co. ("Watrous"), 524 S. Racine av, Chicago, Ill.  
*See adv index at end of book*  
Jenkins Mfg. Co. ("Novio"), 20 Vesey, New York  
Lipp Louis Co., Mitchell av & B. & O. Ry., Cincinnati, O.  
McCambridge Co., 20th & Wood, Philadelphia, Pa.  
McDonald A. Y. Mfg. Co., Dubuque, Ia.  
McShane Bell Foundry Co., ("Rob") Harford av & B. & O. R. R., Baltimore, Md.  
Miller Chas. A. Co. (Low-Down Closet), Sturgis, Mich.  
Milwaukee Flush Valve Co., 70 W Water, Milwaukee, Wis.

Monarch Brass Co. ("Monarch" Gravity), Cleveland, O.  
Morency-Van Buren Mfg. Co. ("M. V. B."), Sturgis, Mich.  
Mott J. L. Iron Works, Trenton, N. J.  
Murphy Specialty Co. ("Murphy"), 90-2nd, Milwaukee, Wis.  
Murray & Sorensen ("Unit"), 227 W. 17th, New York  
Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
Park & McKay, 55 Bagley av, Detroit, Mich.  
Pasman Valve Co. ("Crest"), Jersey City, N. J.  
Pfau Mfg. Co., Mentor & Huston, Norwood, Cincinnati, O.  
Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.  
Sanitas Mfg. Co. ("Sanitas"), 54 Union, Boston, Mass.  
Single Faucet & Flush Valve Co. ("Kelmor"), 631 W Jackson blvd, Chicago, Ill.  
Sloan Valve Co. ("Sloan"), 617 W Jackson blvd, Chicago, Ill.  
Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
Sterling Valve Co. ("Sterling"), Springfield, Mass.  
Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.  
Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.  
Wolverine Brass Works ("Wolverine"), Grand Rapids, Mich.

### 16310—Valves (Foot)

Abendroth & Root Mfg. Co. (Galvanized Flanged), Newburgh, N. Y.  
American Foundry & Const. Co., 2d av & Longworth, Pittsburgh, Pa.  
**AMERICAN SPIRAL PIPE WORKS** (Also Valve & Strainer Combined), Chicago, Ill. *See adv index at end of book*  
Belfield H. Co., 435 N Broad, Phila., Pa.  
Brown A. & F. Co. (Newman Patent Continuous Service), 79 Barclay, New York  
Buckeye Iron & Brass Works, Dayton, O.  
Butler Co., Butler, Ind.  
Coffin Valve Co., Neponset, Boston, Mass.  
Crane Co., Bridgeport, Conn.  
Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.  
Eddy Valve Co., Waterford, N. Y.  
Engineers Appliance Co. ("Hydromatic" for Water Works, etc), Cleveland, O.  
Hoffmann B. Mfg. Co. (Valves & Strainers), 257 6th, Milwaukee, Wis.  
Hoffman-Billings Mfg. Co., Milwaukee, Wis.  
Jarecki Mfg. Co. (Iron Body), Erie, Pa.  
Kelly & Jones Co. (Brass, Iron & Iron Body), 135 Water, Pittsburgh, Pa.  
Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
McNab & Harlin Mfg. Co. (Foot Valve & Strainer), 55 John, New York  
Mark Mfg. Co., Evanston, Ill.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
National Tube Co. (Iron Body), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
Newbury J. H., Goshen, N. Y.  
Newman Mfg. Co. ("Newman" Continuous Service), 79 Barclay, New York  
Pancoast H. B. Co. (Combined Foot Valve & Strainer), 243 S 3d, Phila., Pa.  
Pittsburgh Valve, Foundry & Construction Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.  
Stephens Roe Mfg. Co. ("Flower"), Detroit, Mich.  
Thompson J. & Co., Van Horn & Sophia, Philadelphia, Pa.  
Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
Worthington Pump & Machy. Corp., 115 Broadway, New York

### 16311-2—Valves (Foot Action, for Drinking Fountains)

Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.

### Valves (Gas)

*See Valves, Blast & Gas*



**16313—Valves (Gas Log)**

Crane Co. (Brass), Bridgeport, Conn.  
Hays Mfg. Co., Erie, Pa.  
Kelly & Jones Co. (Brass), 135 Water,  
Pittsburgh, Pa.  
McNab & Harlin Mfg. Co., 55 John, New  
York  
Simmons John Co., 110 Centre, New York

**16314—Valves (Gas Main)**

American Foundry & Const. Co., 2nd av  
& Longworth, Pittsburgh, Pa.  
Bate Wm. T. & Son, Conshohocken, Pa.  
Beaumont Valve & Hydrant Works, Kan-  
kakee, Ill.  
Bowler Foundry Co., 1688 Columbus,  
Cleveland, O.  
Chapman Valve Mfg. Co. ("Chapman"),  
Indian Orchard, Mass.  
Crane Co. (Est. 1855), (Iron & Brass), 836  
S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
Darling Pump & Mfg. Co. (Ltd.), Wil-  
liamsport, Pa.

Eddy Valve Co., Waterford, N. Y.  
Gas Machinery Co., 1900 Euclid av, Cleve-  
land, O.  
Hoffman B. Mfg. Co., 257 6th, Milwaukee,  
Wis.

Kennedy Valve Mfg. Co., Elmira, N. Y.  
Ludlow Valve Mfg. Co., ft. of Adams,  
Troy, N. Y.

**LUNKENHEIMER CO.**, Executive Offices  
& Factories, Beekman & Waverly,  
Cincinnati, O. *See adv index at end of book*  
National Tube Co., Frick bldg, Pittsburgh,  
Pa. *See adv index at end of book*

Nelson Valve Co., Harrison bldg, Phila.,  
Pa.

Pittsburgh Valve, Foundry & Construction  
Co., 26th & A. V. Ry, Pittsburgh, Pa.

Rensselaer Valve Co., Troy, N. Y.  
Stephens Roe Mfg. Co., Detroit, Mich.

Thompson J. & Co., Van Horn & Sophia,  
Phila., Pa.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

**16315—Valves (Gas or Coke Oven)**

Crane Co., Bridgeport, Conn.  
Crane Co. (Est. 1855), (Brass), 836 S.  
Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
Hays Mfg. Co., Erie, Pa.

Homestead Valve Mfg. Co., Pittsburgh, Pa.

Jarecki Mfg. Co., Erie, Pa.

Kelly & Jones Co. (Brass), 135 Water,  
Pittsburgh, Pa.

Kennedy Valve Mfg. Co. (Light All Iron  
Gate with Steel Stem), Elmira, N. Y.

Knox Pressed Welded Steel Co. (Water  
Cooled), Pittsburgh, Pa.

McNab & Harlin Mfg. Co., 55 John, New  
York

Miller W. R. Co. (Coke Oven), House  
bldg., Pittsburgh, Pa.

National Tube Co., Frick bldg, Pittsburgh,  
Pa. *See adv index at end of book*

Pittsburgh Gage & Supply Co. ("Pitts-  
burgh"), 30th & Liberty av, Pitts-  
burgh, Pa.

Pittsburgh Valve, Foundry & Construction  
Co., 26th & A. V. Ry., Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick  
bldg., Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.

Swindell Wm. & Bros., Jenkins Arcade  
bldg., Pittsburgh, Pa.

Wellman-Seaver-Morgan Co., Cleveland, O.

Williams D. T. Valve Co., Cincinnati, O.

**16315a—Valves (Gas Producer Plant)**

Atlas Engineering Co., Amherst, O.  
*See adv index at end of book*

Ludlow Valve Mfg. Co., ft. of Adams,  
Troy, N. Y.

**16316—Valves (Gas, Safety)**

Extensive Mfg. Co. (For Kitchen Ranges),  
90 West, New York

Lunkenheimer Co., Executive Offices &  
Factories, Beekman & Waverly, Cin-  
cinnati, O. *See adv index at end of book*

**16317—Valves (Gas Shut-off)**

Fire & Gas Appliance Co. ("Sieben" Man-  
ual & Automatic), 1906 Wyandotte,  
Kansas City, Mo.

Schroeder Edward Lamp Works (Automa-  
tic), 716 Jersey av, Jersey City, N. J.

**16318—Valves (Gas, Siemen)**

Amsler Walter O., Wabash bldg, Pitts-  
burgh, Pa.  
Cox & Sons Co., 5th & Chestnut, Phila., Pa.  
Taylor-Wilson Mfg. Co., McKees Rocks,  
Pa.

**16319—Valves (Gate)**

Albany Steam Trap Co. ("Blessing"), Al-  
bany, N. Y.

American District Steam Co. (Packless  
Iron & Brass Body), North Tona-  
wanda, N. Y.

American Foundry & Const. Co., 2nd av  
& Longworth, Pittsburgh, Pa.

American Foundry & Mfg. Co., 11th &  
Herbert, St. Louis, Mo.

American Valve Co., Cossackie, N. Y.

Buckeye Iron & Brass Works, Dayton, O.

Capitol Brass Works ("Stanard"), De-  
troit, Mich.

Cayuta Mfg. Co. (For Steam, Gas & Oil),  
Sayre, Pa.

Chapman Valve Mfg. Co. ("Chapman"),  
Indian Orchard, Mass.

Coldwell-Wilcox Co. ("Wilcox"), New-  
burgh, N. Y.

Columbian Iron Works, Chattanooga,  
Tenn.

Crane Co., Bridgeport, Conn.

Crane Co. (Est. 1855), (Iron & Brass), 836  
S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
Darling Pump & Mfg. Co. (Ltd.), (Brass,  
Iron Body and all Iron), Williams-  
port, Pa.

Detroit Brass Works, Detroit, Mich.

Detroit Lubricator Co. ("Detroit"), De-  
troit, Mich.

Eddy Valve Co. ("Eddy" Parallel & Taper  
Seat), Waterford, N. Y.

Engineers' Appliance Co. ("Hydromatic"),  
Cleveland, O.

Eureka Brass Works ("Eureka" Brass  
Straightway), 1040 Hulbert av, Cin-  
cinnati, O.

Fairbanks Co., 416 Broome, New York

Glamorgan Pipe & Foundry Co., Lynch-  
burg, Va.

Glauber Brass Mfg. Co., 49th & Superior  
av N E, Cleveland, O.

Harvey's A. Sons Mfg. Co., Detroit, Mich.

Haydenville Co., Haydenville, Mass.

Hoffmann B. Mfg. Co. (Brass & Iron  
Body), 257 6th, Milwaukee, Wis.

Homestead Valve Mfg. Co. (Straightway),  
Pittsburgh, Pa.

Iowa Valve Co., Oskaloosa, Ia.

Jarecki Mfg. Co., Erie, Pa.

Jenkins Bros. ("Jenkins Bros."), 82 White,  
New York

Kelly & Jones Co. (Brass & Iron), 135  
Water, Pittsburgh, Pa.

Kennedy Valve Mfg. Co. (Iron, Brass &  
Bronze), Elmira, N. Y.

Loetzer Valve & Mfg. Co. ("Loetzer" Dou-  
ble), Monroeton, Pa.

Ludlow Valve Mfg. Co., ft. of Adams,  
Troy, N. Y.

**LUNKENHEIMER CO.** ("Clip," "Victor"),  
Executive Offices & Factories, Beek-  
man & Waverly, Cincinnati, O.

*See adv index at end of book*  
**McMANN & TAYLOR CO.**, 104 John, New  
York. *See adv index at end of book*

McNab & Harlin Mfg. Co. (Brass & Iron  
Body), 55 John, New York

McRae & Roberts Co. (Brass), 227 Camp-  
bell av, Detroit, Mich.

*See adv index at end of book*  
Marsh Valve Co. (Steam System), Dun-  
kirk, N. Y.

Milwaukee Valve Co. ("M." Brass), 139  
Burrell, Milwaukee, Wis.

**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*

National Tube Co., Frick bldg, Pittsburgh,  
Pa. *See adv index at end of book*

National Valve & Mfg. Co., 31st & Lib-  
erty, Pittsburgh, Pa.

Nelson Valve Co. (Brass, Iron & Steel),  
Harrison bldg., Phila., Pa.

Newman Mfg. Co. (Continuous Service), 79  
Barclay, New York

Ohio Brass Co. ("Ohio Brass," Bronze),  
Mansfield, O. *See adv index at end of book*

Oil Well Supply Co., 215 Water, Pitts-  
burgh, Pa.

Pelton Water Wheel Co., 19th & Harrison,  
San Francisco, Cal.

Pittsburgh Piping & Equipment Co., 35th  
& Charlotte, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction  
Co., 26th & A. V. Ry., Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co. ("Pitts-  
burgh"), Frick bldg, Pittsburgh, Pa.

Pomona Mfg. Co., Pomona, Cal.

Powell Wm. Co. ("U. S.," "Pilot," "Star,"  
"White Star"), Cincinnati, O.

Pratt & Cady Co. ("P. & C."), Hartford,  
Conn.

Queen City Brass & Iron Works ("Hes-  
terberg," Brass & Iron Body), Cin-  
cinnati, O.

Rensselaer Valve Co., Troy, N. Y.

Schutte & Koerting Co., 1251 N 12th,  
Phila., Pa.

Simmons John Co., 110 Centre, New York

Smith A. P. Mfg. Co., E Orange, N. J.

Star Brass Mfg. Co. ("Monogram"), 108  
E Dedham, Boston, Mass.

Stephens, Roe Mfg. Co. (Scott's High Pres-  
sure, etc), Detroit, Mich.

Strong, Carlisle & Hammond Co., 336-344  
Frankfort av, N W, Cleveland, O.

Thompson J. & Co., Van Horn & Sophia,  
Phila., Pa.

Walworth Mfg. Co., Boston, Mass.

Wheeler C. H. Mfg. Co. ("Wheeler Ex-  
haust"), Lehigh av & 18th, Phila., Pa.

Wilfert John Co., 258 B'way, New York

Williams D. T. Valve Co. ("Cino"), Cin-  
cinnati, O.

Williams Wm. E. ("W. E. W."), 62 Front,  
New York

Wood R. D. & Co. (For Water, Gas, Oil &  
Steam), 400 Chestnut, Phila., Pa.

**16320—Valves (Gate, for Water Mains)**

American Foundry & Construction Co.,  
2nd av & Longworth, Pittsburgh, Pa.

Beaumont Valve & Hydrant Works, Kan-  
kakee, Ill.

Bourbon Copper & Brass Works, Cincin-  
nati, O.

Cayuta Mfg. Co., Sayre, Pa.

Chapman Valve Mfg. Co. ("Chapman"),  
Indian Orchard, Mass.

Coldwell-Wilcox Co., Newburgh, N. Y.

Columbian Iron Works, Chattanooga, Tenn.

Crane Co. (Est. 1855), 836 S. Michigan av,  
Chicago, Ill.

*For branch offices see adv index at end of book*  
Darling Pump & Mfg. Co. (Ltd.), Wil-  
liamsport, Pa.

Drummond M. J. & Co., 51 Chambers,  
N. Y.

Eddy Valve Co., Waterford, N. Y.

Fairbanks Co., 416 Broome, New York

Iowa Valve Co., Oskaloosa, Ia.

Kennedy Valve Mfg. Co. ("Newtype"),  
Elmira, N. Y.

Ludlow Valve Mfg. Co., ft. of Adams,  
Troy, N. Y.

**LUNKENHEIMER CO.** ("Victor"), Exec-  
utive Offices & Factories, Beekman  
& Waverly, Cincinnati, O.

*See adv index at end of book*  
National Tube Co., Frick bldg, Pittsburgh,  
Pa. *See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila-  
Pa.

Pittsburgh Valve, Foundry & Construction  
Co., 26th & A. V. Ry., Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick  
bldg., Pittsburgh, Pa.

Pratt & Cady Co. ("P. & C."), Hartford,  
Conn.

Rensselaer Valve Co., Troy, N. Y.

Simmons John Co., 110 Centre, New York

Smith A. P. Mfg. Co., E Orange, N. J.

South Park Foundry & Machine Co., St.  
Paul, Minn.

Stephens Roe Mfg. Co. ("Scott's" High  
Pressure, etc), Detroit, Mich.

Walworth Mfg. Co., Boston, Mass.

Washington Pipe & Foundry Co., Tacoma,  
Wash.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

**16321—Valves (Geared)**

Darling Pump & Mfg. Co., Williamsport,  
Pa.

**LUNKENHEIMER CO.** ("Victor"), Exec-  
utive Offices & Factories, Beekman &  
Waverly, Cincinnati, O.

*See adv index at end of book*  
National Tube Co., Frick bldg, Pittsburgh,  
Pa. *See adv index at end of book*

Pittsburgh Valve, Foundry & Construction  
Co., 26th & A. V. Ry., Pittsburgh, Pa.

**16322—Valves (Generator)**

Lavigne Mfg. Co. (For Gasoline Engines),  
Detroit, Mich.



**LUNKENHEIMER CO.** ("Nonpareil"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, E Pittsburgh, Pa.  
*See adv index at end of book*  
**Williams D. T. Valve Co.**, Cincinnati, O.

### 16323—Valves (Globe & Angle)

**American Foundry & Construction Co.**, 2nd av & Longworth, Pittsburgh, Pa.  
**American Foundry & Mfg. Co.**, 11th & Herbert, St. Louis, Mo.  
**American Steam Gauge & Valve Mfg. Co.** ("American"), 208 Camden, Boston, Mass.  
**American Valve Co.**, Coxsackie, N. Y.  
**Bashlin Co.**, Warren, Pa.  
**Beaton & Cadwell Mfg. Co.** ("Jumbo"), New Britain, Conn.  
**Belfield H. Co.**, 435 N Broad, Phila., Pa.  
**Belknap Mfg. Co.**, Bridgeport, Conn.  
**Buckeye Iron & Brass Works** (With or Without Jenkins Disc), Dayton, O.  
**Chicago Mfg. Co.** ("Lippy" Globe  $\frac{3}{4}$  to  $1\frac{1}{2}$  inch & Angle to 2 inch), 1464 S Michigan av, Chicago, Ill.  
**Coldwell-Wilcox Co.**, Newburgh, N. Y.  
**Crane Co.**, Bridgeport, Conn.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Crosby Steam Gauge & Valve Co.**, 40 Central, Boston, Mass.  
**Darling Pump & Mfg. Co. (Ltd.)** (Angle Only), Williamsport, Pa.  
**Detroit Brass Works**, Detroit, Mich.  
**Detroit Lubricator Co.**, Detroit, Mich.  
**Durion Castings Co.** ("Durion," Angle Acid Proof), 90 West, New York  
**Eastwood Wire Mfg. Co.**, Belleville, N. J.  
**Edna Brass Mfg. Co.**, Cincinnati, O.  
**Engineers Appliance Co.** ("Hydromatic"), Cleveland, O.  
**Everhart Brass Works**, Scranton, Pa.  
**Eynon-Evans Mfg. Co.** (Extra Heavy), N 15th & Cleargeld, Phila., Pa.  
**Fairbanks Co.**, 416 Broome, New York  
**Fairbanks E. & T. & Co.** (Brass Globe), St. Johnsbury, Vt.  
**Glauber Brass Mfg. Co.**, 49th & Superior av N E, Cleveland, O.  
**Golden-Anderson Valve Specialty Co.** ("Anderson"), Fulton bldg, Pittsburgh, Pa.  
**Gorton & Lidgerwood Co.** (Straightway & Angle), 96 Liberty, New York  
**Hancock Inspirator Co.**, 119 W 40th, New York  
**Haydenville Co.**, Haydenville, Mass.  
**Hays Mfg. Co.**, Erie, Pa.  
**Hoffman B. Mfg. Co.** (Brass & Iron), 257 6th, Milwaukee, Wis.  
**Homer Brass Works**, 231 Race, Phila., Pa.  
**Homestead Valve Mfg. Co.**, Pittsburgh, Pa.  
**Jarecki Mfg. Co.**, Erie, Pa.  
**Jenkins Bros.** (Brass & Iron Body), 82 White, New York  
**Kelly & Jones Co.** (Brass & Iron), 135 Water, Pittsburgh, Pa.  
**Kennedy Valve Co.**, Elmira, N. Y.  
**Kinsey & Mahler Co.** ("K. & M."), Peoria, Ill.  
**Konold M. J. Co.**, 601 Bessemer bldg, Pittsburgh, Pa.  
**Locke Regulator Co.**, Salem, Mass.  
**LUNKENHEIMER CO.** ("Renewo," "Ferrenowo," "Samson"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**McCambridge Co.** (Brass Only), 20th & Wood, Phila., Pa.  
**McDonald A. Y. Mfg. Co.**, Dubuque, Ia.  
**McMANN & TAYLOR CO.**, 104 John, New York. *See adv index at end of book*  
**McNab & Harlin Mfg. Co.** (Brass & Iron Body), 55 John, New York & Pater-son, N. J.

**McRae & Roberts Co.** (Brass), 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
**Marsh Valve Co.** (Steam System), Dunkirk, N. Y.  
**Max Machine Co.** ("K-V"), Clinton, Mass.  
**Milwaukee Valve Co.** ("M"), 139 Burrell, Milwaukee, Wis.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
**Nathan Mfg. Co.** (For Locomotives, etc), 416 E. 106th, New York  
**National Tube Co.** (With "KEWANEE" Union), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
**Nelson Valve Co.** (Brass, Iron & Steel), Harrison bldg., Phila., Pa.  
**New Bedford Valve Mfg. Co.**, New Bedford, Mass.  
**Ohio Brass Co.** ("Ohio Brass"), Mansfield, O.  
**Ohio Injector Co.** ("O. I. Co."), Wadsworth, O.  
**Ohio Pump & Brass Co.** (Gas), Columbus, Ohio  
**Oil Well Supply Co.** (Brass & Iron), 215 Water, Pittsburgh, Pa.  
**O'Malley-Beare Valve Co.** ("Multiplate"), Railway Exchange bldg, Chicago, Ill.  
**Pacific Foundry Co.**, 18th & Harrison, San Francisco, Cal.  
**Patterson-Allen Engineering Co.** ("Everlasting" Angle), 2 Rector, New York  
**Perkes Chas.** (Est. of), 627 Arch, Phila., Pa.  
**Pioneer Brass Works**, Indianapolis, Ind.  
**Pittsburgh Piping & Equipment Co.**, 35th & Charlotte, Pittsburgh, Pa.  
**Pittsburgh Valve, Foundry & Construction Co.**, 26th & A. V. Ry., Pittsburgh, Pa.  
**Pittsburgh Valve & Fittings Co.** ("Standard" Brass), Frick bldg., Pittsburgh, Pa.  
**Powell Wm. Co.** ("Powell White Star"), Cincinnati, O.  
**Pratt & Cadv Co.** ("P & C"), Hartford, Conn.  
**Queen City Brass & Iron Works** ("Hesterberg" Brass), Cincinnati, O.  
**Richardson-Phenix Co.** ("Nokut"), Milwaukee, Wis.  
**Schutte & Koerting Co.**, 1251 N 12th, Phila., Pa.  
**Scully Iron & Steel Co.** ("Storie" Brass), 2364 S Ashland av, Chicago, Ill.  
**Simmons John Co.**, 110 Centre, New York  
**Star Brass Mfg. Co.** ("Renewable," "Arrow"), 108 E Dedham, Boston, Mass.  
**Stephens Roe Mfg. Co.** ("Scott," "J. D."), Detroit, Mich.  
**Strong, Carlisle & Hammond Co.**, 336-344 Frankfort av N W, Cleveland, O.  
**United Brass Mfg. Co.** (Brass), 3844 Hamilton av, Cleveland, O.  
**Walworth Mfg. Co.**, Boston, Mass.  
**Williams D. T. Valve Co.**, Cincinnati, O.

### 16324—Valves (Greenhouse)

**Coldwell-Wilcox Co.**, Newburgh, N. Y.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Glenn Fred. E.** ("Globe"), St. Charles, Ill.  
**National Tube Co.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

### 16325—Valves (Grinder)

**Shevlin Geo. F. Mfg. Co.** ("Ramsey"), Saratoga Springs, N. Y.

### 16326—Valves (Gulland Automatic Water)

**Pittsburgh Valve & Supply Co.**, Pittsburgh, Pa.

### 16327—Valves (Hatters')

**McNab & Harlin Mfg. Co.** ("Smith" Pattern & Quick Opening), 55 John, New York

### 16328—Valves (High Pressure)

**American Balance Valve Co.** ("Jack Wilson Balanced"), Jersey Shore, Pa.  
**American Foundry & Const. Co.** (Steam), 2nd av & Longworth, Pittsburgh, Pa.  
**Buckeye Iron & Brass Works**, Dayton, O.  
**Darling Pump & Mfg. Co.**, Williamsport, Pa.  
**Eddy Valve Co.**, Waterford, N. Y.  
**Engineers' Appliance Co.** ("Hydromatic"), Cleveland, O.  
**Fairbanks Co.**, 416 Broome, New York  
**Ford Thos. P. Co.** (Balance Ball Cock), 407 Broome, New York  
**Homestead Valve Mfg. Co.**, Pittsburgh, Pa.  
**Hydraulic Press Mfg. Co.** (Hydraulic), Mt. Gilead, O.  
**Kennedy Valve Mfg. Co.** (For Steam Service), Elmira, N. Y.  
**Lunkenheimer Co.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**National Tube Co.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
**National Valve & Mfg. Co.**, 31st & Liberty, Pittsburgh, Pa.  
**Pittsburgh Gage & Supply Co.**, 30th & Liberty av, Pittsburgh, Pa.  
**Pittsburgh Valve, Foundry & Construction Co.**, 26th & A. V. Ry., Pittsburgh, Pa.  
**Pittsburgh Valve & Fittings Co.**, Frick bldg., Pittsburgh, Pa.  
**Pratt & Cady Co.** ("P & C"), Hartford, Conn.  
**Richardson-Phenix Co.** ("Nokut"), Milwaukee, Wis.  
**Stephens Roe Mfg. Co.**, Detroit, Mich.  
**Universal Valve Co.**, Burlington, Wis.  
**Wood R. D. & Co.**, 400 Chestnut, Phila., Pa.  
**Yarnall-Waring Co.** ("Caskey-Simplex"), Harrison bldg., Phila., Pa.

### 16329—Valves (High Pressure Natural Gas)

**Darling Pump & Mfg. Co.**, Williamsport, Pa.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**Pittsburgh Valve, Foundry & Construction Co.**, 26th & A. V. Ry., Pittsburgh, Pa.  
**Pratt & Cady Co.** ("P & C"), Hartford, Conn.

### 16330—Valves (Hopper)

**American Fdry. & Mfg. Co.**, 11th & Herbert, St. Louis, Mo.  
**Cooper Sanitary Mfg. Co.** (Self-Closing), 34th & Chestnut, Phila., Pa.  
**Crampton-Farley Brass Co.** ("Star"), 221 Main, Kansas City, Mo.  
**Edwardsville Brass Co.**, Edwardsville, Ill.  
**Hall Mfg. Co.**, Harrison, N. J.  
**Prier Brass Mfg. Co.** ("Standard"), Kansas City, Mo.  
**Savill's Thos. Sons**, 1310 Wallace, Phila., Pa.  
**Sawyer W. H. & Sons Co.**, Americus, Ga.

### 16331—Valves (Hose)

**American Foundry & Mfg. Co.**, 11th & Herbert, St. Louis, Mo.  
**Buckeye Iron & Brass Works** (Brass Garden Hose, etc), Dayton, O.  
**Chapman Valve Mfg. Co.** ("Chapman"), Indian Orchard, Mass.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Darling Pump & Mfg. Co.**, Williamsport, Pa.  
**Elkhart Brass Mfg. Co.**, Elkhart, Ind.  
**General Fire Extinguisher Co.** ("G. F. E."), Providence, R. I.  
**Haydenville Co.**, Haydenville, Mass.  
**Hays Mfg. Co.**, Erie, Pa.  
**Hoffman B. Mfg. Co.** (Brass), 257 6th, Milwaukee, Wis.

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Jarecki Mfg. Co., Erie, Pa.  
 Jenkins Bros. ("Jenkins Bros."), 82 White,  
 New York  
 Kelly & Jones Co., 135 Water, Pittsburgh,  
 Pa.  
 Kennedy Valve Co., Elmira, N. Y.  
 Ludlow Valve Mfg. Co., ft. of Adams,  
 Troy, N. Y.

**LUNKENHEIMER CO.** ("Clip"), Execu-  
 tive Offices & Factories: Beekman &  
 Waverly, Cincinnati, O.  
*See adv index at end of book*

Milwaukee Brass Mfg. Co. (For Fire Es-  
 cape Stand Pipe), 251 Lapham, Mil-  
 waukee, Wis.

National Tube Co., Frick bldg, Pittsburgh,  
 Pa. *See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila.,  
 Pa.

O'Malley-Beare Valve Co. ("Multiplate"),  
 Railway Exchange bldg, Chicago, Ill.

Powell Wm. Co. ("Crescent"), Cincinnati,  
 Ohio

Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.

Rensselaer Valve Co., Troy, N. Y.  
 Sherman H. B. Mfg. Co., Battle Creek,  
 Mich.

Simmons John Co., 110 Centre, New York

Stephens Roe Mfg. Co., Detroit, Mich.

Wood R. D. & Co., 400 Chestnut, Phila.,  
 Pa.

### 16332—Valves (Hot & Cold Blast)

Hartman Co., 1231 N Front, Phila., Pa.

### 16333—Valves (Hydraulic)

American Foundry & Construction Co.,  
 2nd av & Longworth, Pittsburgh, Pa.  
 American Steam Gauge & Valve Mfg. Co.,  
 208 Camden, Boston, Mass.

Ashton Valve Co. (Relief), 161 First, Cam-  
 bridge, Mass.

Belfield H. Co., 435 N Broad, Phila., Pa.

Bordo L. J. Co. (Inc.), (Stop, Three Way  
 & Four Way), 12th & Thompson,  
 Phila., Pa.

Buckeye Iron & Brass Works (Brass  
 Check, Safety, Globe & Angle & Angle  
 Relief), Dayton, O.

Burroughs Chas. Co., 141 Commerce, New-  
 ark, N. J.

Chambersburg Engng. Co., Chambersburg,  
 Pa.

Chapman Valve Mfg. Co. ("Chapman"),  
 Indian Orchard, Mass.

Consolidated Safety Valve Co., 119 W 40th,  
 New York

Crane Co. (Est. 1855), 836 S. Michigan av,  
 Chicago, Ill.

*For branch offices see adv index at end of book*

Darling Pump & Mfg. Co. (Ltd.), Wil-  
 liamsport, Pa.

Davidson M. T. Co. ("Davidson," Three-  
 Way Balanced), 43 Keap, Brooklyn,  
 N. Y.

Eddy Valve Co., Waterford, N. Y.

Edward Valve & Mfg. Co. ("Edward" Stop  
 & Check, etc), 343 S Dearborn, Chi-  
 cago, Ill.

**ELMES CHAS. F. ENGINEERING**  
**WORKS (Inc.)**, cor Fulton & Sanga-  
 mon, Chicago, Ill.

*See adv index at end of book*

Engberg Electric & Mechanical Works  
 (Electro-Hydraulic, for Stand Pipes,  
 etc), St. Joseph, Mich.

Foster Engineering Co. (Regulating, Re-  
 ducing & Relief), 109 Monroe, Newark,  
 N. J.

French Oil Mill Machinery Co., Piqua, O.

Homestead Valve Mfg. Co., Pittsburgh,  
 Pa.

Hydraulic Press Mfg. Co., Mt. Gilead, Ohio

Kelly & Jones Co. (Straightway, etc),  
 135 Water, Pittsburgh, Pa.

Konold M. J. Co., Bessemer bldg, Pitts-  
 burgh, Pa.

**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O. *See adv index at end of book*

McNab & Harlin Mfg. Co., 55 John, New  
 York

**MORGAN ENGINEERING CO.**, Alliance,  
 O. *See adv index at end of book*

**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*

National Gauge Co. (Relief), 300 Pacific,  
 Brooklyn, N. Y.

National Tube Co., Frick bldg, Pittsburgh,  
 Pa. *See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila.,  
 Pa.

New York Brass Foundry Co. ("Still-  
 beach"), 104 Centre, New York

Oil Well Supply Co., 215 Water Pitts-  
 burgh, Pa.

Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry., Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick  
 bldg., Pittsburgh, Pa.

Powell Wm. Co. ("Powell," Globe, Angle,  
 Check), Cincinnati, O.

Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.

Rensselaer Valve Co., Troy, N. Y.

Robertson Jno. & Co., 133 Water, B'klyn,  
 N. Y.

Schutte & Koerting Co., Thompson & 12th,  
 Operating), 146 N 7th, Phila., Pa.

Simplex Valve & Meter Co. ("Simplex")  
 Regulating for Controlling the Ele-  
 vation of Water in Reservoirs & Stand  
 Pipes), 110 N. Broad, Phila., Pa.

Taylor-Wilson Mfg. Co., McKees Rocks,  
 Pa.

Union Iron Works, Hoboken, N. J.

**WATSON-STILLMAN CO.**, 38 Church,  
 New York *See adv index at end of book*

Watson & McDaniel Co. ("Riggins," Hy-  
 draulic Stop & Balance Rotating &  
 Operating), 146 N 7th, Phila., Pa.

Williams Franklin ("Toledo" Bronze), 39  
 Cortlandt, New York

Wood R. D. & Co., 400 Chestnut, Phila.,  
 Pa.

Yarnall-Waring Co. (High Pressure,  
 "Caskey Simplex"), Harrison bldg.,  
 Phila., Pa.

### 16334—Valves (Hydraulic Operat- ing)

American Foundry & Construction Co.,  
 2nd av & Longworth, Pittsburgh, Pa.

Chapman Valve Mfg Co ("Chapman"), In-  
 dian Orchard, Mass

Darling Pump & Mfg Co, Williamsport,  
 Pa.

Engineers Appliance Co. ("Hydromatic"),  
 Cleveland, O.

Konold M. J. Co., 601 Bessemer bldg,  
 Pittsburgh, Pa.

Logemann Bros. Co., 3130 Burleigh, Mil-  
 waukee, Wis.

Ludlow Valve Mfg. Co., ft. of Adams,  
 Troy, N. Y.

**LUNKENHEIMER CO.** ("Victor"), Execu-  
 tive Offices & Factories, Beekman &  
 Waverly, Cincinnati, O.

*See adv index at end of book*

Morgan Construction Co., Worcester, Mass.

Nelson Valve Co., Harrison bldg., Phila.,  
 Pa.

Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.

Ross Valve Mfg. Co, 9 Oakwood av, Troy,  
 N. Y. *See adv index at end of book*

### 16335—Valves (Hydraulic Pressure Controlling)

French Oil Mill Machinery Co., Piqua, O.

Lunkenheimer Co., Executive Offices &  
 Factories, Beekman & Waverly, Cin-  
 cinnati, O. *See adv index at end of book*

Mason Regulator Co. ("Mason"), 1192  
 Adams, Boston, Mass.

*See adv index at end of book*

### 16336—Valves (Hydraulic Pulpit)

Pittsburgh Valve, Foundry & Construc-  
 tion Co., 26th & A. V. Ry., Pittsburgh,  
 Pa.

Wood R. D. & Co., 400 Chestnut, Phila.,  
 Pa.

### 16337—Valves (Indicator)

Bourbon Copper & Brass Works Co. (Open  
 & Shut Indicator Post Valves), Cincin-  
 nati, O.

Chapman Valve Mfg. Co. ("Chapman")  
 Indicator Post Valves), Indian Or-  
 chard, Mass.

Columbian Iron Works (Underwriters),  
 Chattanooga, Tenn.

Crane Co. (Est. 1855), 836 S. Michigan av,  
 Chicago, Ill.

*For branch offices see adv index at end of book*

Darling Pump & Mfg. Co., Williamsport,  
 Pa.

Kelly & Jones Co. (Straightway), 135  
 Water, Pittsburgh, Pa.

Kennedy Valve Mfg. Co., Elmira, N. Y.

**LUNKENHEIMER CO.**, Executive Offices  
 & Factories, Beekman & Waverly,  
 Cincinnati, O.

*See adv index at end of book*

McRae & Roberts Co., 227 Campbell av,  
 Detroit, Mich. *See adv index at end of book*

Milwaukee Valve Co. ("M," Brass), 139  
 Burrell, Milwaukee, Wis.

National Brass Mfg. Co. (Relief & Cylin-  
 der), Rochester, N. Y.

National Tube Co., Frick bldg, Pittsburgh,  
 Pa. *See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila.,  
 Pa.

Pittsburgh Valve & Fittings Co., Frick  
 bldg., Pittsburgh, Pa.

Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.

Rensselaer Valve Co., Troy, N. Y.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

### 16338—Valves (J. D.)

Ohio Brass Co. ("Ohio Brass"), Mans-  
 field, O.

### 16339—Valves (Lavatory)

American Fdry. & Mfg. Co., 11th & Her-  
 bert, St. Louis, Mo.

Edwardsville Brass Co. (Pedal), Edwards-  
 ville, Ill.

Engineers Appliance Co. ("Hydromatic"),  
 Cleveland, O.

Hays Mfg. Co., Erie, Pa.

Haydenville Co., Haydenville, Mass.

Hoffman & Billings Mfg. Co., 100 2nd,  
 Milwaukee, Wis.

Kelly & Jones Co. (Brass), 135 Water,  
 Pittsburgh, Pa.

Sanitas Mfg. Co., 54 Union, Boston, Mass.

### 16340—Valves (Lead Lined)

Chadwick- Boston Lead Co., 162 Congress,  
 Boston, Mass.

Lead Lined Iron Pipe Co., Wakefield, Mass.

Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry, Pittsburgh, Pa.

Schutte & Koerting Co. (Check & Stop),  
 1251 N 12th, Phila., Pa.

### 16341—Valves (Leather)

Detroit Leather Specialty Co. (Inc.)  
 ("Wear Well"), 275 Beecher av, De-  
 troit, Mich.

Graton & Knight Mfg. Co., Worcester,  
 Mass.

Houghton E. F. & Co. ("Vim" Pump, etc.),  
 240 W Somerset, Phila., Pa.

Kendrick Valve & Washer Co., Syracuse,  
 N. Y.

Myers F. E. & Bro., 800 Orange, Ashland,  
 O. *See adv index at end of book*

Nott W. S. Co., 2d av N & 3d, Minneapolis,  
 Minn.

Page Belting Co., Concord, N. H.

### 16342—Valves (Lever)

Chapman Valve Mfg. Co. ("Chapman"),  
 Indian Orchard, Mass.

Foster Engineering Co. (Balance), 109  
 Monroe, Newark, N. J.

**LUNKENHEIMER CO.** ("Handy"), Execu-  
 tive Offices & Factories: Beekman &  
 Waverly, Cincinnati, O.

*See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila.,  
 Pa.

Powell Wm. Co. ("Titan," "Rudy,"  
 "Giant"), Cincinnati, O.

Pratt & Cady Co. ("P & C" Quick Open-  
 ing), Hartford, Conn.

Star Brass Mfg. Co. ("Star," Safety Lever),  
 103 E Dedham, Boston, Mass.

### 16343—Valves (Lock)

Emory P. P. Mfg. Co. (For Rag Engines),  
 Springfield, Mass.

Pratt & Cady Co. (Check "P & C"), Hart-  
 ford, Conn.

Whitcomb Geo. D. Co. ("Whitcomb," for  
 Air Compressors, etc), Rochelle, Ill.

### 16344—Valves (Lock Shield)

American District Steam Co., North Tona-  
 wanda, N. Y.

Beaton & Cadwell Mfg. Co. ("Gem No. 4,"  
 "Wellby Special," "Jumbo"), New  
 Britain, Conn.

Detroit Brass Works, Detroit, Mich.

Glauber Brass Mfg. Co., 49th & Superior  
 av N E, Cleveland, O.



Hays Mfg. Co., Erie, Pa.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Jenkins Bros. ("Jenkins Bros." Radiator),  
 82 White, New York  
 Kelly & Jones Co., 135 Water, Pittsburgh,  
 Pa.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co. ("Radiator"),  
 55 John, New York  
 Marsh Jas. P. & Co., 118 S Clinton, Chica-  
 go, Ill.  
 Michigan Lubricator Co., Detroit, Mich.  
 National Tube Co., Frick bldg., Pittsburgh,  
 Pa. *See adv index at end of book*  
 O'Meara J. (Inc.), 2 Lisperard, New York  
 Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.  
 Walworth Mfg. Co., Boston, Mass.

### 16345-6—Valves (Locomotive)

American Balance Valve Co. ("American"  
 Balanced & "Jack Wilson" High Pres-  
 sure Balanced), Jersey Shore, Pa.  
**AMERICAN SAFETY LAMP & MINE  
 SUPPLY CO.**, Scranton, Pa.  
 American Steam Gauge & Valve Mfg. Co.  
 (Pop. Plain & Muffled, 208 Camden,  
 Boston, Mass.  
 Belfield H. Co. (Cylinder), 435 N Broad,  
 Phila., Pa.  
 Best W. N., 11 B'way, New York  
 Bordo L. J. Co. ("B. O." Plug Blow-Off,  
 also Blower), 12th & Thompson, Phila.,  
 Pa.  
 Cadman A. W. Mfg. Co. (Blow-Off), 2816  
 Smallman, Pittsburgh, Pa.  
 Coale Muffler & Safety Valve Co., 325 E.  
 Oliver, Baltimore, Md.  
 Consolidated Safety Valve Co. ("Consoli-  
 dated" Pop Safety; also with Muffler  
 Attached), 119 W 40th, New York  
 Crane Co. (Est. 1855), 836 S. Michigan av,  
 Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crosby Steam Gage & Valve Co., 40 Cen-  
 tral, Boston, Mass.  
 Fairbanks Co., 416 Broome, New York  
 Hobart Allfree Co. ("Allfree" System of  
 Steam Distribution), 37 W Vanburen,  
 Chicago, Ill.  
 Homestead Valve Mfg. Co. (Blow-Off),  
 Pittsburgh, Pa.  
 Kunkle E. B. & Co., Fort Wayne, Ind.  
 Lonegran J. E. Co. ("XXX" & "YYY"  
 Safety Valves), 211 Race, Phila., Pa.  
**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O.  
*See adv index at end of book*  
 Lytton Mfg. Co. ("Lytton" Blow-Off),  
 Franklin, Va.  
 McNab & Harlin Mfg. Co. (Cylinder), 55  
 John, New York  
 Nathan Mfg. Co. (Blower, 3 Air Pump  
 Steam Relief & Steam Chest Relief),  
 416 E. 106th, New York  
 National Tube Co., Frick bldg., Pittsburgh,  
 Pa. *See adv index at end of book*  
 Oil Well Supply Co., 215 Water, Pitts-  
 burgh, Pa.  
 O'Malley-Beare Valve Co. ("Multiplate"  
 Duplex Blow-Out), Railway Exchange  
 bldg., Chicago, Ill.  
 Powell Wm. Co. (Locomotive Boiler  
 Check), Cincinnati, O.  
 Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.  
 Sargent Co. ("E. S. E." Blow-Off), Fisher  
 bldg., Chicago, Ill.  
 Schutte & Koerting Co. ("Schutte" Stop,  
 etc.), 1251 N 12th, Phila., Pa.  
 Star Brass Mfg. Co. (Reducing), 108 E  
 Dedham, Boston, Mass.  
 Williams D. T. Valve Co., Cincinnati, O.

### 16347—Valves (Marine)

Ashton Valve Co., 161 First, Cambridge,  
 Mass.  
**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O.  
*See adv index at end of book*  
**SCHUTTE & KOERTING CO.** ("Schutte"  
 Quick Closing, Reducing, Throttle,  
 etc.), 1251 N 12th, Phila., Pa.  
 Star Brass Mfg. Co. ("Star" Safety), 108  
 E Dedham, Boston, Mass.

### 16348—Valves (Motor Operated)

Ludlow Valve Mfg. Co., ft of Adams, Troy,  
 N. Y.

Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry., Pittsburgh, Pa.

### 16349—Valves (Motor Tire)

Schrader's A. Son, 783 Atlantic av, Brook-  
 lyn, N. Y.

### 16350—Valves (Motorman's)

National Brake & Electric Co. ("National,"  
 for Electric Cars), ft. Bellevue pl,  
 Milwaukee, Wis.

### 16351—Valves (Mud)

Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry., Pittsburgh, Pa.

### 16352—Valves (Muffler)

Ashton Valve Co., 161 First, Cambridge,  
 Mass.  
 Barco Brass & Joint Co. (Automobile), 212  
 W Illinois, Chicago, Ill.  
 Coale Muffler & Safety Valve Co., 325 E.  
 Oliver, Baltimore, Md.  
 Consolidated Safety Valve Co. ("Consoli-  
 dated," Portable, Muffler Pop Safety),  
 119 W 40th, New York  
 Gemco Mfg. Co. (& Cutout), Milwaukee,  
 Wis.  
 Lonegran J. E. Co. ("P"), 211 Race, Phila.,  
 Pa.  
 Nathan Mfg. Co. (Safety & Plain Pop),  
 416 E 106th, New York

### 16353—Valves (Natural Gas)

Buckeye Iron & Brass Works (Globe &  
 Angle), Dayton, O.  
 Crane Co. (Est. 1855), 836 S Michigan av,  
 Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Darling Pump & Mfg. Co., Williamsport,  
 Pa.  
 Fire & Gas Appliance Co., 1906 Wyandotte,  
 Kansas City, Mo.  
 Glauber Brass Mfg. Co., 49th & Superior  
 av N E, Cleveland, O.  
 Hale Gas Co., Neodesha, Kans.  
 Hays Mfg. Co., Erie, Pa.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh,  
 Pa.  
 Ludlow Valve Mfg. Co., ft. of Adams,  
 Troy, N. Y.  
**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O. *See adv index at end of book*  
 McRae & Roberts Co., 227 Campbell av,  
 Detroit, Mich.  
*See adv index at end of book*  
 National Tube Co., Frick bldg., Pittsburgh,  
 Pa. *See adv index at end of book*  
 Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.

### 16354—Valves (Needle)

Buckeye Iron & Brass Works, Dayton, O.  
 Crane Co. (Est. 1855), 836 S. Michigan av,  
 Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Darling Pump & Mfg. Co., Williamsport,  
 Pa.  
**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co., 55 John, New  
 York  
**MCRAE & ROBERTS CO.**, 227 Campbell  
 av, Detroit, Mich.  
*See adv index at end of book*  
 National Tube Co., Frick bldg., Pittsburgh,  
 Pa. *See adv index at end of book*  
 Powell Wm. Co. ("Crescent" & "Model  
 Star"), Cincinnati, O.

### 16355—Valves (Needle Point, Gas- oline)

Clayton & Lambert Mfg. Co., 205 Piquette  
 av, E. Detroit, Mich.

### 16356-7—Valves (Non-Return)

Belfield H. Co., 435 N Broad, Phila., Pa.  
 Garrett W. D. & Co., 136 Liberty, New  
 York  
 Golden-Anderson Valve Specialty Co., Ful-  
 ton bldg., Pittsburgh, Pa.  
**LUNKENHEIMER CO.**, Executive Offices  
 & Factories: Beekman & Waverly,  
 Cincinnati, O. *See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila.,  
 Pa.  
 Pittsburgh Valve, Foundry & Construction  
 Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Powell Wm Co. ("Powell White Star"  
 Single & Double Acting), Cincinnati, O.  
 Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.  
 Robertson Jno. F. Co., Park bldg, Pitts-  
 burgh, Pa.  
 Schutte & Koerting Co., 1251 N 12th,  
 Phila., Pa.  
 Stephens Roe Mfg. Co., Detroit, Mich.

### 16358—Valves (Oil)

Cadman A. W. Mfg. Co., 2816 Smallman,  
 Pittsburgh, Pa.  
 Chapman Valve Mfg. Co. ("Chapman"),  
 Indian Orchard, Mass.  
 Darling Pump & Mfg. Co., Williamsport,  
 Pa.  
 Fairbanks Co., 416 Broome, New York  
 Ludlow Valve Mfg. Co., ft. of Adams,  
 Troy, N. Y.  
 Metals Production Equipment Co., Spring-  
 field, Mass.  
 Pratt & Cady Co. ("P & C"), Hartford,  
 Conn.  
 Witt G. E. Co. (Oil Regulating Valves for  
 Oil Burners), 862 Howard, San Fran-  
 cisco, Cal.

### 16359—Valves (Oil Burner, Needle)

Rockwell W. S. Co., 50 Church, New York  
*See adv index at end of book*

### 16360—Valves (Oiler)

Knox Mfg. Co. (For Drills), 821 Cherry,  
 Phila., Pa.

### 16361—Valves (Open-Hearth Fur- nace)

Blair Engineering Co., 343 S Dearborn,  
 Chicago, Ill.  
 Wellman-Seaver-Morgan Co., Cleveland,  
 Ohio

### 16362—Valves (Organ)

Homer Brass Works, 231 Race, Phila., Pa.

### 16363—Valves (Piston)

American Balance Valve Co. ("American"  
 Semi-Plug), Jersey Shore, Pa.  
 Mason Regulator Co. ("Mason"), 1192  
 Adams, Boston, Mass.  
*See adv index at end of book*  
 National Brake & Electric Co., ft. Belle-  
 view pl, Milwaukee, Wis.  
 Trethewey Samuel & Co. (Ltd.), 57th st,  
 Pittsburgh, Pa.

### 16364—\*Valves (Plate Type, Iversen Patent)

**MESTA MACHINE CO.** (For Blowing En-  
 gines, Vacuum Pumps & Compressors),  
 Pittsburgh, Pa.  
*See adv index at end of book*

### 16365—Valves (Plug)

American Foundry & Construction Co.,  
 2nd av & Longworth, Pittsburgh, Pa.  
 Cadman A. W. Mfg. Co. ("Gato"), 2816  
 Smallman, Pittsburgh, Pa.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Konold M. J. Co. (For Air), Bessemer  
 bldg., Pittsburgh, Pa.  
 Lunkenheimer Co., Executive Offices &  
 Factories: Beekman & Waverly, Cin-  
 cinnati, O. *See adv index at end of book*  
 Robertson Jas. Lead Co. (Plug & Seat),  
 827 S Howard, Baltimore, Md.  
 Simmons John Co., 110 Centre, New York

### 16366—Valves (Pop Safety)

Acton Jno., 118 John, Brooklyn, N. Y.  
 Ashton Valve Co., 161 First, Cambridge,  
 Mass.  
 Bridgman Bros. Co., 1426 Washington av,  
 Phila., Pa.  
 Coale Muffler & Safety Valve Co., 325 E.  
 Oliver, Baltimore, Md.  
 Consolidated Safety Valve Co. ("Consoli-  
 dated," for Saturated & Super-Heated  
 Steam, Duplex & Triplex for Marine  
 Service; for House Heating Boilers;  
 also Portable, etc.), 119 W 40th, New  
 York



Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

Detroit Lubricator Co. ("Detroit," Low Pressure), Detroit, Mich.

Edna Brass Mfg. Co., Cincinnati, O.

Kunkle E. B. & Co. ("Kunkle" Lock-Up), Fort Wayne, Ind.

Loneragan J. E. Co. ("Linde's" & "U. S." Government, Marine & Stationery Boilers), 211 Race, Phila., Pa.

**LUNKENHEIMER CO.** ("Duplex," "Mid-get," "Alert," "Gas Pop"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

**McRAE & ROBERTS CO.**, 227 Campbell av, Detroit, Mich.

*See adv index at end of book*

Michigan Lubricator Co., Detroit, Mich.

**NASON MFG. CO.**, 71 Fulton, New York

*See adv index at end of book*

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Powell Wm. Co. ("Kunkle" Direct & Angle Outlet), Cincinnati, O.

Scott Valve Co., 310 W. Randolph, Chicago, Ill.

Simmons John Co., 110 Centre, New York

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Stephens Roe Mfg. Co., Detroit, Mich.

Swift Lubricator Co., Elmira, N. Y.

Walworth Mfg. Co., Boston, Mass.

### 16367—Valves (Poppet, for Gas Engines)

Michigan Engine Valve Co., 115 Columbia, W. Detroit, Mich.

Steel Products Co., 2206 Clarkwood av, S. E., Cleveland, O.

### 16368—Valves (Power House)

Darling Pump & Mfg. Co., Williamsport, Pa.

Fairbanks Co., 416 Broome, New York

Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.

Homestead Valve Mfg. Co., Pittsburgh, Pa.

Kennedy Valve Mfg. Co., Elmira, N. Y.

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.

Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.

### 16369—Valves (Pressure Reducing)

Acton John (Waterworks), Heavy Duty & Household Service, etc), 118 John, Brooklyn, N. Y.

Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.

Auld Co. ("Quartette"), Thompson & 12th, Phila., Pa.

Clow James B. & Sons ("Clow Temperature Booster"), 544 S Franklin, Chicago, Ill.

Consolidated Engineering Co. ("Van Auker"), 507 W Jackson blvd, Chicago, Ill.

Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Davis Geo. M. Regulator Co. (Reducing, Steam, Air & Water), 422 Milwaukee av, Chicago, Ill.

d'Este Julian Co., 24 Canal, Boston, Mass.

Elliott Co. ("Elliott"), Pittsburgh, Pa.

Fisher Governor Co., Marshalltown, Ia.

Ford Thos. P. Co. (Steam & Water), 407 Broome, New York

Foster Engineering Co. (For High & Low Pressure), 109 Monroe, Newark, N. J.

Fulton Co. ("Ideal Sylphon"), Knoxville, Tenn.

Garrett W. D. & Co., 136 Liberty, New York

Golden-Anderson Valve Specialty Co. ("Anderson," For Steam, Water, etc), Fulton bldg, Pittsburgh, Pa.

Graebert & Sons, 12 Sherman, Detroit, Mich.

Hall Mfg. Co. ("Atlas"), Harrison, N. J.

Harlem Mfg. Co., 518 W 55th, New York

Illinois Engineering Co. ("Climax"), 5021 S State, Chicago, Ill.

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

Johnson Service Co. ("Johnson"), 153 Michigan, Milwaukee, Wis.

Keeble Alex. K. (High & Low Pressure), Lawrence, Mass.

Kelly & Jones Co. (Vacuum, etc), 135 Water, Pittsburgh, Pa.

Kieley & Mueller, 34 W 13th, New York

Knapp Bros. Mfg. Co. ("Knapp's" Automatic), 2419 W 14th, Chicago, Ill.

Leslie Co. ("Leslie"), Lyndhurst, N. J.

Locke Regulator Co. ("New Era," "Beats All"), Salem, Mass.

Lytton Mfg. Corp. ("Lytton" for High & Low Pressure), Franklin, Va.

**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.

*See adv index at end of book*

Monash-Younger Co. (Steam), 1407 W Jackson blvd, Chicago, Ill.

**NASON MFG. CO.**, 71 Fulton, New York

*See adv index at end of book*

Ohio Brass Co. ("Ohio Brass" Regulating for Steam or Air), Mansfield, O.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry, Pittsburgh, Pa.

Pittsburgh Valve & Fittings Co., Frick bldg., Pittsburgh, Pa.



## Regulating Valves

"TROJAN"

For Steam or Water

**Ross Valve Mfg. Co.**

9 Oakwood Ave., TROY, N. Y.

Schade Valve Mfg. Co., 2528 N American, Phila., Pa.

Schutte & Koerting Co. ("Auld Co.," "Quiteite"), 1251 N 12th, Phila., Pa.

Squires C. E. ("Squires"), Cleveland, O.

Standard Steam Specialty Co. ("Utility"), 542 W B'way, New York

Stephens Roe Mfg. Co., Detroit, Mich.

Strong, Carlisle & Hammond Co. ("Strong"), 336-344 Frankfort av, N W, Cleveland, O.

Waters Governor Co., 141 Milk, Boston, Mass.

Watson & McDaniel Co. ("Watson," also "Watson" Spring Reducing, Low Pressure & Atmospheric Reducing), 146 N 7th, Phila., Pa.

Watts Regulator Co. ("Watts"), Lawrence, Mass.

Williams Gauge Co., Pittsburgh, Pa.

Witt G. E. Co. (For Steam or Liquid), 862 Howard, San Francisco, Cal.

Worthington Pump & Machinery Corp., 115 B'way, New York

### 16370—Valves (Pump)

*See also Valves, Rubber*

Acme Rubber Mfg. Co., Trenton, N. J.

American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.

Anchor Packing Co. ("Ankorite" Rubber), Lafayette bldg, Phila., Pa.

Athol Pump Co., Athol, Mass.

Berger Bros. Co., 229 Arch, Phila., Pa.

Boston Belting Co. (Rubber), 84 Linden Park, Boston, Mass., & 100 Reade, New York

Brandt Randolph, 70 Cortlandt, New York

Buckeye Iron & Brass Works, Dayton, O.

Combination Rubber Mfg. Co. (Rubber), Bloomfield, N. J.

Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.

Continental Rubber Works, Erie, Pa.

Cooley Mfg. Co. ("Cooley's"), 98 Park pl, New York

Coronum Equipment Co. ("Rothenbuecher" Reversible), 89 Fulton, New York

Crosby Steam Gage & Valve Co. ("Branden," Rubber), 40 Central, Boston, Mass.

**DELAWARE HARD FIBRE CO.** (Hard Fibre), Wilmington, Del. Works: Marshallton, Del.

*See adv index at end of book*

Diamond State Fibre Co. (Fibre), Elsmere, Del.

Edgecumbe J. C. & Co. ("Tri-Bisc"), 149 B'way, New York

Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.

*See adv index at end of book*

Excelsior Valve Co., 108 Fulton, New York

Fort Worth Well Machy. & Supply Co., Fort Worth, Tex.

General Asbestos Rubber Co., Charleston, S. C.

Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

Hewitt Rubber Co., Buffalo, N. Y.

Home Rubber Co., Trenton, N. J.

Jenkins Bros., 82 White, New York

Johns H. W.-Manville Co. (Rubber & Asbestos), Madison av & 41st, New York

Johns-Pratt Co., The ("Vulcabeston"), Hartford, Conn.

Kraft A. C. (Leather), 323 W. Lake, Chicago, Ill.

Lake Erie Mfg. Co. ("Ideal"), Buffalo, N. Y.

Manhattan Rubber Mfg. Co., Passaic, N. J.

Mulconroy Co. (Rubber), 54th & Jefferson, Phila., Pa.

**MYERS F. E. & BRO.**, 800 Orange, Ashland, O. *See adv index at end of book*

National Fibre & Insulation Co. (Fibre), Yorklyn, Del.

National India Rubber Co. (Rubber), Bristol, R. I.

National Marine Lamp Co., Forestville, Conn.

Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

Peerless Rubber Mfg. Co., 31 Warren, New York

Pennsylvania Rubber Co. ("Pennsylvania," Hard & Soft Rubber), Jeannette, Pa.

Robertson Jno. F. Co. (Metallic Multiple), Park bldg, Pittsburgh, Pa.

Schacht Rubber Mfg. Co. (Rubber), Huntington, Ind.

Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.

**STRONG MACHINERY & SUPPLY CO.** ("Strong's I. O. P." Oil Proof Pump Valves), 21 Walker, New York

*See adv index at end of book*

**U. S. INDUSTRIBLE GASKET CO.** ("Kinghorn"), Church & Fulton, New York

*See adv index at end of book*

Victor-Balata & Textile Belting Co. ("Victor-Balata" Cold Water), 38 Murray, New York

Western Rubber Co. (Rubber), Goshen, Ind.

**WILMINGTON FIBRE SPECIALTY CO.** (Hard Fibre), Wilmington, Del.

*See adv index at end of book*

*See adv index at end of book*

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**LUNKENHEIMER CO.** ("Victor," "Handy," "Clip"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**Mason Regulator Co.** ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
**Pittsburgh Valve, Foundry & Construction Co.**, 26th & A. V. Ry, Pittsburgh, Pa.  
**Pratt & Cady Co.** ("P & C"), Hartford, Conn.

### 16374—Valves (Radiator)

**Albany Steam Trap Co.** ("Blessing"), Albany, N. Y.  
**American District Steam Co.** ("Adscot Graduated"), N Tonawanda, N. Y.  
**American Valve Co.**, Cossack, N. Y.  
**Beaton & Cadwell Mfg. Co.** ("Jumbo"), New Britain, Conn.  
**Belfield H. Co.** (Iron & Brass), 435 N Broad, Phila., Pa.  
**Belknap Mfg. Co.**, Bridgeport, Conn.  
**Buckeye Iron & Brass Works** (With or Without "Jenkins Disc"), Dayton, O.  
**Capital Brass Works** ("Jenkins," "Disc," Male & Female), Detroit, Mich.  
**Chapman Valve Mfg. Co.** ("Chapman"), Indian Orchard, Mass.  
**Crane Co.**, Bridgeport, Conn.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Davis Louis N.** ("Davis" Graduated), West Chester, Pa.  
**Detroit Brass Works**, Detroit, Mich.  
**Detroit Lubricator Co.** (Quick Opening & Interlocking Steam "Detroit"), Detroit, Mich.  
**Dole Valve Co.** (Packless), 208 N 5th av, Chicago, Ill.  
**Eureka Brass Works** ("Eureka"), 1040 Hubert av, Cincinnati, O.  
**Fairbanks Co.**, 416 Broome, New York  
**Fairbanks E. & T. & Co.** (Brass), St. Johnsbury, Vt.  
**Fulton Co.** ("Sylphon," Packless), Knoxville, Tenn.  
**Gold Car Heating & Lighting Co.**, 17 Battery pl, New York  
**Gorton & Lidgerwood Co.**, 96 Liberty, New York & Fisher bldg, Chicago, Ill.  
**Guaranteed Appliance Co.** (Graduated), 14 E Jackson bl, Chicago, Ill.  
**Gurney Heater Mfg. Co.**, 188 Franklin, Boston, Mass.  
**Haydenville Co.**, Haydenville, Mass.  
**Haynes-Thompson Co.** ("Precise," Graduated), 2107 Vine, Phila., Pa.  
**Imperial Brass Mfg. Co.**, 524 S Racine av, Chicago, Ill. *See adv index at end of book*  
**International Heater Co.**, Utica, N. Y.  
**Jarecki Mfg. Co.**, Phila., Pa.  
**Jenkins Bros.** ("Jenkins Bros"), 82 White, New York  
**Kelly Brass Works** (Automatic Air), 226 W Ontario, Chicago, Ill.  
**Kelly & Jones Co.** ("Universal"), 135 Water, Pittsburgh, Pa.  
**Kennedy Valve Mfg. Co.** (With Wood Wheels, etc), Elmira, N. Y.  
**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**McMann & Taylor Co.**, 104 John, New York. *See adv index at end of book*  
**McNab & Harlin Mfg. Co.**, 55 John, New York  
**Marsh Valve Co.** (Steam System), Dunkirk, N. Y.  
**Milwaukee Valve Co.** ("M"), 139 Burrell, Milwaukee, Wis.  
**Mouat-Squires Co.**, 1246 W 4th, Cleveland, O.  
**NASON MFG. CO.**, 71 Fulton, New York. *See adv index at end of book*  
**National Tube Co.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
**Ohio Brass Co.** ("Ohio Brass" Wood Wheel), Mansfield, O.  
**O'Malley-Beare Valve Co.** ("Multiplate"), Railway Exchange bldg, Chicago, Ill.  
**Page W. H. Boiler Co.**, 15 Murray, N. Y.  
**Penn Engineering Co.**, 312 Cherry, Phila.  
**Powell Wm. Co.** ("White Star," "Crescent," "Union," "Composite" Disc) Cincinnati, O.  
**Pratt & Cady Co.** ("P & C"), Hartford, Conn.  
**Queen City Brass & Iron Works** ("Hesterberg"), Cincinnati, O.  
**R. E. J. Mfg. Co.**, Milwaukee, Wis.  
**Simmons John Co.**, 110 Centre, New York

**Stephens Roe Mfg. Co.** ("Scott" "Chicago"), Detroit, Mich.  
**Syracuse Faucet & Valve Co.** ("Syracuse Packless"), Syracuse, N. Y.  
**Triumph Valve Mfg. Co.** ("Triumph," Packless), Mansfield, O.  
**United States Radiator Corp.**, Detroit, Mich.  
**Walworth Mfg. Co.**, Boston, Mass.  
**Williams D. T. Valve Co.**, Cincinnati, O.

### Valves (Radiator, Automatic Air)

See Valves, Air

### 16375—Valves (Radiator, Back-Offset)

**Ohio Brass Co.** ("Ohio Brass" Wood Wheel), Mansfield, O.

### 16376—Valves (Radiator, Corner)

**Beaton & Cadwell Mfg. Co.** ("Jumbo"), New Britain, Conn.  
**Buckeye Iron & Brass Works** (With or Without "Jenkins Disc"), Dayton, O.  
**Capital Brass Works** ("Jenkins Disc," Male & Female), Detroit, Mich.  
**Chapman Valve Mfg. Co.** ("Chapman"), Indian Orchard, Mass.  
**Crane Co.**, Bridgeport, Conn.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Eureka Brass Works** ("Eureka"), 1040 Hulbert av, Cincinnati, O.  
**Fairbanks Co.**, 416 Broome, New York  
**Gorton & Lidgerwood Co.**, 96 Liberty, New York, & Fisher bldg, Chicago, Ill.  
**Hammond Brass Works**, Hammond, Ind.  
**Jarecki Mfg. Co.**, Erie, Pa.  
**Jenkins Bros.** ("Jenkins Bros."), 82 White, New York  
**Kelly & Jones Co.** (Offset, Brass), 135 Water, Pittsburgh, Pa.  
**Milwaukee Valve Co.** ("M"), 139 Burrell, Milwaukee, Wis.  
**National Tube Co.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
**Ohio Brass Co.** ("Ohio Brass," Wood Wheel), Mansfield, O.  
**O'Malley-Beare Valve Co.** ("Multiplate"), Railway & Exchange bldg, Chicago, Ill.  
**Powell Wm. Co.** ("White Star" Offset), Cincinnati, O.  
**Queen City Brass & Iron Works**, Cincinnati, O.  
**Simmons John Co.**, 110 Centre, New York  
**Stephens Roe Mfg. Co.** ("Scott"), Detroit, Mich.  
**Triumph Valve Mfg. Co.** ("Triumph" Packless), Mansfield, O.

### 16377—Valves (Radiator, Hot Water)

**Belknap Mfg. Co.** (Quick Opening), Bridgeport, Conn.  
**Beaton & Cadwell Mfg. Co.** ("Jumbo"), New Britain, Conn.  
**Buckeye Iron & Brass Works** (With or Without "Jenkins Disc"), Dayton, O.  
**Capital Brass Works** (Male & Female), Detroit, Mich.  
**Chapman Valve Mfg. Co.** ("Chapman"), Indian Orchard, Mass.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Detroit Brass Works**, Detroit, Mich.  
**Detroit Lubricator Co.** ("Detroit"), Detroit, Mich.  
**Eureka Brass Works** ("Eureka"), 1040 Hulbert av, Cincinnati, O.  
**Fairbanks Co.**, 416 Broome, New York  
**Fulton Co.** ("Ideal Sylphon"), Knoxville, Tenn.  
**Gorton & Lidgerwood Co.**, 96 Liberty, New York, & Fisher bldg, Chicago, Ill.  
**Hammond Brass Works**, Hammond, Ind.  
**Honeywell Heating Specialty Co.** ("Honeywell," "Unique"), Wabash, Ind.  
**Jarecki Mfg. Co.**, Erie, Pa.  
**Kelly & Jones Co.** ("Jewel," Quick Opening with Union), 135 Water, Pittsburgh, Pa.  
**Lavigne Mfg. Co.**, Detroit, Mich.  
**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

**McRae & Roberts Co.**, 227 Campbell av, Detroit, Mich. *See adv index at end of book*  
**Magee Alonzo H.** ("Jambo"), 136 Beekman, New York  
**Michigan Lubricator Co.**, Detroit, Mich.  
**Milwaukee Valve Co.** ("M"), 139 Burrell, Milwaukee, Wis.  
**National Tube Co.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
**Ohio Brass Co.** ("Ohio Brass," Wood Wheel), Mansfield, O.  
**Penn Engineering Co.**, 312 Cherry, Phila., Pa.  
**Queen City Brass & Iron Works**, Cincinnati, O.  
**Simmons John Co.**, 110 Centre, New York  
**Stephens Roe Mfg. Co.** ("Chicago" Quick Opening), Detroit, Mich.  
**Syracuse Faucet & Valve Co.**, Syracuse, N. Y.  
**United States Radiator Corp.**, Detroit, Mich.

### 16378—Valves (Radiator, Steam & Hot Water)

**Gorton & Lidgerwood Co.**, 96 Liberty, New York

**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

### Valves (Reducing)

See Valves, Pressure Reducing

### 16379-80—Valves (Regrinding)

**Buckeye Iron & Brass Works**, Dayton, O.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Eynon-Evans Mfg. Co.** ("Eynon," Gate Valves), N 15th & Clearfield, Phila., Pa.  
**Fairbanks Co.**, 416 Broome, New York  
**Jarecki Mfg. Co.**, Erie, Pa.  
**Kelly & Jones Co.** ("Excelsior," Brass), 135 Water, Pittsburgh, Pa.  
**LUNKENHEIMER CO.** ("Renewo," "Ferrenowo," "Samson"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**National Tube Co.** ("N. T. C."), Angle, Globe, Check, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
**Nelson Valve Co.**, Harrison bldg., Phila., Pa.  
**Penberthy Injector Co.** ("Penberthy"), 346 Holden av, Detroit, Mich.  
**Pittsburgh Valve & Fittings Co.**, Barberton, O.  
**Powell Wm. Co.** ("White Star" & "Model Star"), Cincinnati, O.  
**Pratt & Cady Co.** ("P. & C" Check), Hartford, Conn.  
**Queen City Brass & Iron Works**, Cincinnati, O.  
**Williams D. T. Valve Co.**, Cincinnati, O.  
**Williams Wm. E.** ("Wew"), 62 Front, New York

### Valves (Regulating)

See Regulators, Pressure; also Governors, Pump

### 16381—Valves (Relief)

**Acton John** (Atmospheric Exhaust; also Sensitive), 118 John, Brooklyn, N. Y.  
**American Steam Gauge & Valve Mfg. Co.**, 208 Camden, Boston, Mass.  
**American Valve & Meter Co.**, Cincinnati, Ohio  
**Ashton Valve Co.**, 271 Franklin, Boston, Mass.  
**Atwood & Morrill** ("XXth Century" Horizontal, Vertical, Angle & Down Discharge), Salem, Mass.  
**Chambersburg Engng. Co.** (Hydraulic), Chambersburg, Pa.  
**Crane Co.** (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
**Crane Co.** (Automatic), Bridgeport, Conn.  
**Davidson M. T. Co.** ("Davidson" Automatic Exhaust for Condensing Engines), 43 Keap, Brooklyn, N. Y.  
**Davis Geo. M. Regulator Co.** (Open Air), 422 Milwaukee av, Chicago, Ill.  
**Elliott Co.** (Atmospheric), Pittsburgh, Pa.  
**Fisher Governor Co.**, Marshalltown, Ia.



Foster Engineering Co. (Air, Water, Steam & Atmosphere), 109 Monroe, Newark, N. J.  
 Garrett W. D. & Co. (Atmospheric), 136 Liberty, New York  
 Golden-Anderson Valve Specialty Co. ("Anderson," Water Pressure, etc), Fulton bldg, Pittsburgh, Pa.  
 Hammett H. G. ("Richardson," Also Combined Pressure & Vacuum Relief), Troy, New York  
 Kellogg M. W. Co. (Automatic, Atmospheric Exhaust), 90 West, New York  
*See adv index at end of book*  
 Klipfel Mfg. Co. ("K. & T."), 2651 W. Harrison, Chicago, Ill.  
 Konold M. J. Co. (Automatic), 601 Bessemer bldg, Pittsburgh, Pa.  
 Larkin Mfg. Co., Dayton, O.  
 Locke Regulator Co. (Or Vacuum Breaker), Salem, Mass.  
 Lombard Governor Co. (From 5 to 23 inches in Diameter, for Water Wheel Power), Ashland, Mass.  
 Ludlow Valve Mfg. Co. ("Ludlow"), ft. of Adams, Troy, N. Y.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
**MASON REGULATOR CO.** ("Mason"), 1192 Adams, Boston, Mass.  
*See adv index at end of book*  
 McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
*See adv index at end of book*  
 Mowell Augustus & Co. ("Mowell" Automatic), Paterson, N. J.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 Ross Valve Mfg. Co. ("Trojan" for Water Mains), 9 Oakwood av, Troy, N. Y.  
*See adv index at end of book*  
**SCHUTTE & KOERTING CO.**, 1251 N. 12th, Phila., Pa.  
 Simmons John Co., 110 Centre, New York  
 Specialty Mfg. Co. ("S. M. C." Automatic Cylinder), 14 E. Jackson Blvd., Chicago, Ill.  
 Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.  
 Thompson J. & Co., Van Horn & Sophia, Phila., Pa.  
 Vaile-Kimes Co. ("V. & K."), Dayton, O.  
 Watertown Specialty Co. ("Watertown" Automatic Oil), Watertown, N. Y.  
 Wheeler C. H. Mfg. Co. ("Multiflex" Atmospheric), Lehigh av & 18th, Phila., Pa.  
 Williams Wm. E. ("W. E. W."), 62 Front, New York  
 Witt G. E. Co., 862 Howard, San Francisco, Cal.  
 Wood R. D. & Co., 400 Chestnut, Phila., Pa.  
 Worthington Pump & Machy. Corp. (Automatic Exhaust), 115 B'way, New York

### 16382—Valves (Renewable Seat)

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.  
 Bashlin Co., Warren, Pa.  
 Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Darling Pump & Mfg. Co., Williamsport, Pa.  
 Fairbanks Co., 416 Broome, New York  
 Jenkins Bros. ("Jenkins Bros."), 82 White, New York  
**LUNKENHEIMER CO.** ("Renewo" "Ferrenewo"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Powell Wm. Co. ("White Star"), Cincinnati, O.  
 Pratt & Cady Co. ("P & C" Gate), Hartford, Conn.  
 Richardson-Phenix Co. ("Nokut"), Milwaukee, Wis.

### 16383—Valves (Reversing)

Amsler Walter O. ("Amsler"), Wabash bldg, Pittsburgh, Pa.  
 Atlas Engineering Co. (Gas), Amherst, O.  
*See adv index at end of book*  
 Gas Machinery Co. (Gas), 1900 Euclid av, Cleveland, O.

Morgan Construction Co. ("Dybie," Air or Gas), Worcester, Mass.  
 Miller W. R. Co. (Air & Gas), House bldg., Pittsburgh, Pa.  
 Sterritt-Thomas Foundry Co. ("Sieman"), 32d & Smallman, Pittsburgh, Pa.  
 Swindell Wm. & Bro., Pittsburgh, Pa.  
 Taylor-Wilson Mfg. Co., McKees Rocks, Pa.  
 Wellman-Seaver-Morgan Co. ("Forster" Water Sealed), Cleveland, O.

### 16384—Valves (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.  
 Anchor Packing Co. ("Ankorite"), Lafayette bldg, Phila., Pa.  
 Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Buffalo Weaving & Belting Co., Buffalo, N. Y.  
 Canfield H. O. Co., Bridgeport, Conn.  
 Cincinnati Rubber Mfg. Co. (Pump), Cincinnati, O.  
 Continental Rubber Works, Erie, Pa.  
 Crosby Steam Gage & Valve Co. (Branden), 40 Central, Boston, Mass.  
 Elkhart Rubber Works, Elkhart, Ind.  
 Essex Rubber Co., Trenton, N. J.  
 Excelsior Valve Co. ("Excelsior"), 108 Fulton, New York  
 Federal Rubber Co., The, Cudahy, Wis.  
 Goodrich B. F. Co., Akron, O.  
 Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 Home Rubber Co., Trenton, N. J.  
 Jenkins Bros., 82 White, New York  
 Johns H. W.-Manville Co. ("J-M"), Madison av & 41st, New York  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Mechanical Rubber Co. (Marine, Pump, etc), Cleveland, O.  
 Mercer Rubber Co., Hamilton Square, N. J.  
 Myers F. E. & Bro., 800 Orange, Ashland, O. *See adv index at end of book*  
 National India Rubber Co., Bristol, R. I.  
 N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
 New York Belting & Packing Co. (Pump & Ball), 91 Chambers, New York  
 New York Rubber Co., Reade & Church, New York  
 Peerless Rubber Mfg. Co., 31 Warren, New York  
 Pennsylvania Rubber Co. ("Pennsylvania"), Jeannette, Pa.  
 Pratt & Cady Co. ("P & C" Hydrant), Hartford, Conn.  
 Quaker City Rubber Co., 629 Market, Phila., Pa.  
 Revere Rubber Co., 60 Hgh, Boston, Mass.  
**STRONG MACHINERY & SUPPLY CO.** ("Strong's" I. O. P. Oil Proof Pump Valves), 21 Walker, New York  
*See adv index at end of book*  
 Thermoid Rubber Co., Trenton, N. J.  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 Western Rubber Co. (Pump), Goshen, Ind.  
 Whitehead Bros. Rubber Co., Trenton, N. J.  
 Woven Steel Hose & Rubber Co., Trenton, N. J.

### 16385—Valves (Sacking)

Sackett A. J., cor 4th av & 1st, Baltimore, Md.

### 16386—Valves (Safety)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.  
 Andrews Heating Co. ("Andrews" Regulating), Minneapolis, Minn.  
 Ashton Valve Co., 161 First, Cambridge, Mass.  
 Beaton & Cadwell Mfg. Co. ("Jumbo" Actuated Ball), New Britain, Conn.  
 Belfield H. Co. (Brass or Iron), 435 N Broad, Phila., Pa.  
 Buckeye Iron & Brass Works (Iron & Brass Body), Dayton, O.  
 Coale Muffler & Safety Valve Co., 325 E. Oliver, Baltimore, Md.  
 Consolidated Safety Valve Co. (Hydraulic), 119 W 40th, New York  
 Crane Co., Bridgeport, Conn.  
 Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

Denver Hydro Co. ("Sentinel" Automatic Air), 1520 Elizabeth, Denver, Colo.  
 Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.  
 Haydenville Co. (Boiler), Haydenville, Mass.  
 Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.  
 Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, Ohio  
 Jarecki Mfg. Co., Erie, Pa.  
 Jenkins Bros. ("Jenkins Bros."), 82 White, New York  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

Kunkle E. B. & Co., Fort Wayne, Ind.  
 Locke Regulator Co., Salem, Mass.  
 Lonergan J. E. Co. (Spring Loaded), 211 Race, Philadelphia, Pa.

**LUNKENHEIMER CO.** ("Duplex," "Mid-get," "Alert," "Gas Pop"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*  
 McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York

McRae & Roberts Co., 227 Campbell av, Detroit, Mich.

*See adv index at end of book*  
 Michigan Lubricator Co., Detroit, Mich.

Milwaukee Valve Co. ("M." Brass), 139 Barrell, Milwaukee, Wis.

National Tube Co. (Quick opening), Frick bldg, Pittsburgh, Pa.

*See adv index at end of book*  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

O'Malley-Bear Valve Co. ("Multiple"), Railway Exchange bldg, Chicago, Ill.

Powell Wm. Co. (Brass & Iron Globe, Angle & Cross), Cincinnati, O.

Pratt & Cady Co. ("P & C"), Hartford, Conn.

Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.

Simmons John Co., 110 Centre, New York

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Stephens, Roe Mfg. Co. ("Orme," "Scott"), Detroit, Mich.

Springfield Brass Co., Springfield, O.

Walworth Mfg. Co., Boston, Mass.

### 16387—\*Valves (Screw Down Check)

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

### 16388—Valves (Sewer Flushing)

Merritt Hydraulics Co. ("Merritt"), 110 N Broad, Phila., Pa.

### 16389—Valves (Sheer)

Coldwell-Wilcox Co., Newburgh, N. Y.

### 16390—Valves (Shower Bath)

Clow Jas. B. & Sons ("Clow"), 544 S Franklin, Chicago, Ill.  
 Dececo Co., 157 High, Boston, Mass.  
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.  
 Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.  
 Haydenville Co. ("Haydenville" Self-Closing), Haydenville, Mass.  
 Hoffmann & Billings Mfg. Co. (Niedeecken Mixer), 100 2nd, Milwaukee, Wis.  
 Imperial Brass Mfg. Co. ("Ingham"), 524 S Racine, Chicago, Ill.  
*See adv index at end of book*  
 Jenkins Bros., 80 White, New York  
 Lehnert & Co., 313 E 22d, New York  
 Matthews W. N. & Bro. ("Matthews Steamix"), Industrial Division, St. Louis, Mo.  
 Mott J. L. Iron Works, 118 5th av, New York  
 Norman C. Erwin & Co., 18 W Kinzie, Chicago, Ill.  
 Sanitas Mfg. Co., 54 Union, Boston, Mass.  
 Smith & Abbott Co., Portland, Me.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.  
 Watrous Co., 14 E Jackson Blvd, Chicago, Ill.  
 Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.  
 Wolff L. Mfg. Co., 601 W Lake, Chicago, Ill.



Wolverine Brass Wks., Grand Rapids, Mich.

### 16391—\*Valves (Sight Feed)

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

### 16392— Valves (Slide)

American Balance Valve Co. ("Jack Wilson" High Pressure Balanced), Jersey Shore, Pa.

Hammett H. G. ("Richardson," "Allen-Richardson," Balanced), Troy, N. Y.

### 16393— Valves (Snifting)

Ashton Valve Co., 161 First, Cambridge, Mass.

Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.

Williams Wm. E. ("W. E. W."), 62 Front, New York

### 16394—Valves (Solenoid Operated)

**CUTLER-HAMMER MFG. CO.**, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book*

### 16395—\*Valves (Special Designs)

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

### 16396— Valves (Stand Pipe)

Engineers' Appliance Co. ("Hydromatic"), Cleveland, O.

Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.

Pratt & Cady Co. ("P & C"), Hartford, Conn.

Simplex Valve & Meter Co. (Controlling Valves for Stand Pipes or Reservoirs), 110 N. Broad, Phila., Pa.

### 16397—Valves (Steam, Air)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.

Darling Pump & Mfg. Co., Williamsport, Pa.

Fairbanks Co., 416 Broome, New York

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

Marsh Jas. P. & Co., 118 S. Clinton, Chicago, Ill.

**McMANN & TAYLOR CO.**, 104 John, New York. *See adv index at end of book*

Nathan Mfg. Co. (Air Pump for Locomotives), 416 E. 106th, New York

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila., Pa.

Stephens Roe Mfg. Co., Detroit, Mich.

### 16398—Valves (Steam Feed)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

Homestead Valve Mfg. Co., Pittsburgh, Pa.

Lufkin Foundry & Machine Co. ("Trout's"), Lufkin, Tex.

**LUNKENHEIMER CO.** ("Renewo," "Ferrenewo," "Clip," "Victor," "Handy"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

Pratt & Cady Co. ("P & C"), Hartford, Conn.

### 16399— Valves (Steel)

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.

Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Darling Pump & Mfg. Co., Williamsport, Pa.

**LUNKENHEIMER CO.** ("Victor"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila., Pa.

Pratt & Cady Co. ("P & C"), Hartford, Conn.

### 16400— Valves (Stoker Engine Regulator)

McDonough Automatic Regulator Co., 716 Gd River, Detroit, Mich.

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.

*See adv index at end of book*

### 16401— Valves (Stop)

Acton John (Safety), 118 John, Brooklyn, N. Y.

Albany Steam Trap Co. ("Blessing"), Albany, N. Y.

Belfield H. Co., 435 N Broad, Phila., Pa.

Bordo L. J. Co. ("Bordo," Locomotive), 12th & Thompson, Phila., Pa.

Bourbon Copper & Brass Works, Cincinnati, O.

Central Brass Mfg. Co. (Quick Pression Stop & Waste), 6206 Cedar, Cleveland, O.

Chambersburg Engng. Co. (Hydraulic), Chambersburg, Pa.

Coffin Valve Co., Neponset, Boston, Mass.

Coldwell-Wilcox Co., Newburgh, N. Y.

Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Darling Pump & Mfg. Co., Williamsport, Pa.

Davis Geo. M. Regulator Co. (Auto), 422 Milwaukee av, Chicago, Ill.

Eddy Valve Co., Waterford, N. Y.

Edward Valve & Mfg. Co. ("Edward," for Superheated Steam, Hydraulic & Boiler Drum Head Stop, etc.), 343 S Dearborn, Chicago, Ill.

Foster Engineering Co. (Automatic Non-Return, etc.), 109 Monroe, Newark, N. J.

French Oil Mill Machinery Co., Piqua, O.

Golden-Anderson Valve Specialty Co. (Automatic), Fulton bldg, Pittsburgh, Pa.

Hancock Inspirator Co., 119 W 40th, New York

Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.

Hoffmann & Billings Mfg. Co., 100 2nd, Milwaukee, Wis.

Jenkins Bros. ("Jenkins Bros." Automatic Equalizing), 82 White, New York

Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.

**LUNKENHEIMER CO.** ("Renewo," "Ferrenewo," "Clip," "Victor," "Handy"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

McMann & Taylor Co., 104 John, New York. *See adv index at end of book*

McShane Bell Foundry Co., Harford av & B & O R R, Baltimore, Md.

New Bedford Valve Mfg. Co. (Also Automobile Stop), New Bedford, Mass.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

Pratt & Cady Co. ("P & C" Check), Hartford, Conn.

Rensselaer Valve Co., Troy, N. Y.

Schutte & Koerting Co. ("Schutte" Locomotive & All Steel Body), 1251 N 12th, Phila., Pa.

Simmons John Co., 110 Centre, New York

Stephens Roe Mfg. Co., Detroit, Mich.

Strong Carlisle & Hammond Co. ("Strong" Automatic Non-Return), 336 Frankfort av, N W, Cleveland, O.

Thompson J. & Co., Van Horn & Sophia, Philadelphia, Pa.

Utica Valve & Fixture Co., Utica, N. Y.

Walworth Mfg. Co. (Automatic), Boston, Mass.

Whitcomb Geo. D. Co. ("Whitcomb," For Copper & Other Mines), Rochelle, Ill.

Wood R. D. & Co., 400 Chestnut, Phila., Pa.

Yarnall-Waring Co. ("Caskey-Simplex," Hydraulic), Harrison bldg., Phila., Pa.

### 16402—Valves (Street Sprinkling)

Hoffmann B. Mfg. Co. ("Helm"), 257 6th, Milwaukee, Wis.

Lunkenheimer Co., Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

### 16403—Valves (Sugar Wagon)

McNab & Harlin Mfg. Co., 55 John, New York

### 16404— Valves (Super-heat)

Ashton Valve Co. (Safety), 161 First, Cambridge, Mass.

Chapman Valve Mfg. Co. ("Chapman"), Indian Orchard, Mass.

Darling Pump & Mfg. Co., Williamsport, Pa.

**LUNKENHEIMER CO.** ("Victory"), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.

*See adv index at end of book*

Nelson Valve Co., Harrison bldg., Phila., Pa.

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry. Pittsburgh, Pa.

Pratt & Cady Co. ("P & C"), Hartford, Conn.

### 16405—Valves (Surgical Laboratory & Sink)

Speakman Supply & Pipe Co. ("Speakman" Foot Action, Pedal, etc.), 30th & Spruce, Wilmington, Del.

### 16406— Valves (Syphon)

American Pin Co. ("Ampinco"), Waterbury, Conn.

Exeter Brass Works ("N. H."), Exeter, N. H.

Frost Mfg. Co. (Brass), Kenosha, Wis.

Hall Mfg. Co., Harrison, N. J.

Lipp Louis Co. ("Boss" Double), Mitchell av & B. & O. R. R., Cincinnati, O.

McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.

Miller Chas. A. Co. (Cone for High Tanks), Sturgis, Mich.

### 16407— Valves (Tank)

American Valve & Meter Co., Cincinnati, Ohio

Atwood & Morrill ("XXth Century"), 48 Loring av, Salem, Mass.

Boston Brass Co. ("B. B."), 135 Bacon, Waltham, Mass.

*See adv index at end of book*

Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*

Crane Co. (Est. 1855), (Float), 836 S. Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*

Dececo Co., 157 High, Boston, Mass.

Enameled Tank Co. (Hydraulic & Automatic), Kalamazoo, Mich.

Engineers Appliance Co. ("Hydromatic"), Cleveland, O.

Exeter Brass Works, Exeter, N. H.

Fisher Governor Co., Marshalltown, Ia.

Ford Thomas P. Co. ("Ford" High Pressure), 407 Broome, New York

Foster Engineering Co. (Steam & Water), 109 Monroe, Newark, N. J.

Golden-Anderson Valve Specialty Co. ("Anderson"), Fulton bldg, Pittsburgh, Pa.

Hinman D. A. & Co. ("Enterprise"), Sandwich, Ill.

Homestead Valve Mfg. Co., Pittsburgh, Pa.

McDonald A. Y. Mfg. Co., Dubuque, Ia.

Nelson Valve Co., Harrison bldg., Phila., Pa.

**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.

*See adv index at end of book*

Rundle-Spence Mfg. Co. ("Georgia"), Milwaukee, Wis.

Simmons John Co., 110 Centre, New York

Standard Brass & Iron Works (For Brewers, etc), 1820 St. Paul av, Milwaukee, Wis.

Trenton Brass & Machine Co., Trenton, N. J.

Waters Governor Co., 141 Milk, Boston, Mass.

Watertown Specialty Co. ("Watertown" Automatic Oil), Watertown, N. Y.

### 16408—Valves (Tanner Operating)

Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry. Pittsburgh, Pa.

### 16409— Valves (Thermostat)

American Thermostat Co. ("Marvel"), Elmira, N. Y.



Hoffman Heater Co. ("Hoffman"), Lorain, Ohio  
 Illinois Engineering Co. ("Illinois"), 5021 S State, Chicago, Ill.  
 National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.  
 Yoder-Thomas Mfg. Co. ("Wentz"), 5501 Walworth, Cleveland, O.

### 16410—Valves (Throttle)

Belfield H. Co., 435 N Broad, Phila., Pa.  
 Buckeye Iron & Brass Works (High Pressure, Quick Opening Balance, Dayton, Ohio)  
 Crane Co., Bridgeport, Conn.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Detroit Lubricator Co. ("Detroit Pendry"), Detroit, Mich.  
 Fire & Gas Appliance Co., 1906 Wyandotte, Kansas City, Mo.  
 Haydenville Co. ("Peerless"), Haydenville, Mass.  
 Hoffman B. Mfg. Co., 257 6th, Milwaukee, Wis.  
 Imperial Iron Works ("Imperial" for Hoisting Engines), Duluth, Minn.  
 Jarecki Mfg. Co., Erie, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Knox Mfg. Co. (For Drills), 821 Cherry, Phila., Pa.  
**LUNKENHEIMER CO.** Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co. (Brass & Iron Body), 55 John, New York  
 Mead-Morrison Mfg. Co. (Straightway & Balanced), Prescott & Orleans, Boston, Mass.  
 Michigan Lubricator Co. ("Michigan" Quick Opening), Detroit, Mich.  
 Nelson Valve Co., Harrison bldg, Phila., Pa.  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.  
 Pekor Chas. F. ("Sawyers"), Columbus, Ga.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry. Pittsburgh, Pa.  
 Powell Wm. Co. ("Ready," "Titan," "Giant"), Cincinnati, O.  
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.  
 Queen City Brass & Iron Works ("Hesterberg"), Cincinnati, O.  
 Schutte & Koerting Co., 1251 N 12th, Phila., Pa.  
 Simmons John Co., 110 Centre, New York  
 Stephens Roe Mfg. Co. ("Goldsmith"), Detroit, Mich.  
 Strong, Carlisle & Hammond Co. ("Strong"), 336 Frankfort av, N W, Cleveland, O.  
 Williams Wm. E. ("W. E. W."), 62 Front, New York

### 16411—Valves (Tire)

American Pin Co. ("Ampinco"), Waterbury, Conn.  
 Double Seal Tire Valve Co., 16 W 61st, New York  
 Schrader's A. Son ("Schrader" for Bicycles, Automobiles, etc), 783 Atlantic av, Brooklyn, N. Y.  
 Stevens Mfg. & Supply Co. (Auto), 343 S Dearborn, Chicago, Ill.

### 16412—Valves (Track Sander)

Ohio Brass Co. ("O. B." Diaphragm, Mansfield, O.

### 16413—Valves (Transfer)

Jarecki Mfg. Co. (Iron Body), Erie, Pa.  
 Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.

### 16414-5—Valves (Tubular Well)

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crestline Mfg. Co., Crestline, O.  
 Mark Mfg. Co., Evanston, Ill.  
 National Tube Co. (Poppet), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Oil Well Supply Co., 215 Water, Pittsburgh, Pa.

## Valves (Tuyere)

See Cocks, Tuyere

### 16416—Valves (Underwriters' Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.  
 Ashton Valve Co., 161 First, Cambridge, Mass.  
 Columbian Iron Works, Chattanooga, Tenn.  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

### 16417—Valves (Universal)

Schrader's A. Son ("Schrader"), 783 Atlantic av, Brooklyn, N. Y.

### 16418—Valves (Unloading)

Jarecki Mfg. Co., Erie, Pa.

### 16419—Valves (Vacuum)

Bottum Valve Co., 211 W Schiller, Chicago, Ill.  
 Sarco Engineering Co. ("Sarco"), South Ferry bldg, New York

### 16420—Valves (Vacuum, Automatic Air)

Belfield H. Co., 435 N Broad, Phila., Pa.  
 Bridgman Bros. Co. ("Bridgman" D for Vacuum Heating), 1426 Washington av, Phila., Pa.  
 Consolidated Engineering Co. ("Van Auken"), 507 W Jackson blvd, Chicago, Ill.  
 Fulton Co. ("Sylphon"), Knoxville, Tenn.  
 Illinois Engineering Co., 5021 S State, Chicago, Ill.  
 Imperial Brass Mfg. Co. ("Duram"), 524 S Racine av, Chicago, Ill.  
*See adv index at end of book*  
 Klipfel Mfg. Co. ("K. & T."), 2651 W Harrison, Chicago, Ill.  
 Loetzer Valve & Mfg. Co. (For Water Mains), Monroeton, Pa.  
 National Steam Specialty Co. ("National"), 16 S Clinton, Chicago, Ill.  
 Open Coil Heater & Purifier Co. ("Stickle" Thermic), Indianapolis, Ind.  
 Simonds Heating & Specialty Co. ("Simonds"), Grand Rapids, Mich.  
 Simplex Valve & Meter Co., 110 N Broad, Phila., Pa.

### 16421—Valves (Vacuum Heating)

D. G. C. Valve Co., 18 E 41st, New York  
 Detroit Lubricator Co., Detroit, Mich.  
 Marsh Jas. P. & Co. ("Paul," "Marsh," "Thermostatic Paul"), 118 S Clinton, Chicago, Ill.

### 16422—Valves (Vault)

Meerhoff H. H. (For Outdoor Closets with Sewer Connections), Richmond, Ind.

### 16423—Valves (Vento)

National Steam Specialty Co. ("National," Fan Blast Work, Indirect & Vento Radiation), 16 S Clinton, Chicago, Ill.

### 16424—Valves (Washing Machine)

McMaster-Carr Supply Co. ("Ideal" Automatic), 174 N Market, Chicago, Ill.

### 16425—Valves (Water Cooled)

Knox Pressed & Welded Steel Co., Pittsburgh, Pa.

### 16426—Valves (Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden st, Boston, Mass.  
 Ashton Valve Co., 161 First, Cambridge, Mass.  
 Consolidated Safety Valve Co. ("Consolidated" for Fire Pumps, Pumping Stations & Hydraulic Elevators, etc), 119 W 40th, New York

Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.

*For branch offices see adv index at end of book*  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.

Davis Geo. M. Regulator Co. (Also Semi-Balanced Seated), 422 Milwaukee av, Chicago, Ill.

d'Este Julian Co., 24 Canal, Boston, Mass.

Kunkle E. B. & Co., Fort Wayne, Ind.

Loneragan J. E. Co., 211 Race, Phila., Pa.

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*

McDonald A. Y. Mfg. Co. ("Diamond"), Dubuque, Ia.

Mason Regulator Co. ("Mason"), 1192 Adams, Boston, Mass.

*See adv index at end of book*

**NASON MFG. CO.**, 71 Fulton, New York

*See adv index at end of book*

Powell Wm. Co., Cincinnati, O.

Ross Valve Mfg. Co. ("Trojan"), 9 Oakwood av, Troy, N. Y.

*See adv index at end of book*

Simmons John Co., 110 Centre, New York

Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

Stephens Roe Mfg. Co. ("Scot"), Detroit, Mich.

Vaile-Kimes Co. ("V. & K."), Dayton, O.

Walworth Mfg. Co., Boston, Mass.

Watson & McDaniel Co., 146 N 7th, Phila., Pa.

### 16427—Valves (Water Sealed)

Beaton & Cadwell Mfg. Co. ("Gem No. 4," "Welby Special," "Jumbo"), New Britain, Conn.  
 Wellman-Seaver-Morgan Co. ("Forter"), Cleveland, O.

### 16428—Valves (Whistle)

Buckeye Iron & Brass Works, Dayton, O.  
 Crane Co., Bridgeport, Conn.  
 Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
 Homestead Valve Mfg. Co., Pittsburgh, Pa.  
 Jenkins Bros. ("Jenkins Bros."), 82 White, New York  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co., 55 John, New York  
 Michigan Lubricator Co., Detroit, Mich.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 Ohio Brass Co. (Air), Mansfield, O.  
 O'Malley-Beare Valve Co. ("Multiplate"), Railway Exchange bldg, Chicago, Ill.  
 Powell Wm. Co. (Plain or Balanced), Cincinnati, O.  
 Queen City Brass & Iron Works, Cincinnati, O.  
 Simmons John Co., 110 Centre, New York  
 Star Brass Mfg. Co., 108 E Dedham, Boston, Mass.  
 Williams D. T. Valve Co., Cincinnati, O.

### 16429—Valves (Y)

Crane Co., Bridgeport, Conn.  
 Jenkins Bros., 82 White, New York  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 National Tube Co. ("Eurema"), Frick bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 Portland Co. (Bronze), Portland, Me.  
 Powell Wm. Co., Cincinnati, O.  
 Pratt & Cady Co. ("P. & C."), Hartford, Conn.  
 Williams D. T. Valve Co., Cincinnati, O.

### 16430—Valves & Bands (Water Pipe Tapping)

Union Water Meter Co., Worcester, Mass.

## Vanadium

See Ferro, Vanadium



**16431— Vanadium-Copper**

**LEAVITT C. W. & CO.,** 34 Church, New York See adv index at end of book  
**Primos Chemical Co.,** Primos, Pa.

**16432— Vanillin**

**Monsanto Chemical Works,** St. Louis, Mo.

**16433— Vanners (Frue)**

**ALLIS-CHALMERS MFG. CO.,** Milwaukee, Wis. See adv index at end of book  
**Galigher Machinery Co.** ("Isbell"), Salt Lake City, Utah  
**Hallidie Company (Iron Frame),** Spokane, Wash.

**16434— Vans (Moving)**

**Milburn Wagon Co.,** Toledo, O.  
**Schurmeier Wagon Co.,** St. Paul, Minn.  
**Streich A. & Bro. Co.,** Oshkosh, Wis.  
**Winkler-Grimm Corp.,** South Bend, Ind.

**16435— Variable Speed Transmission**

See also Gears, Reduction for Motors  
**American Rotary Pump,** 67 Hampden, Boston, Mass.  
**Evans Friction Cone Co.** ("Evans"), Newton Center, Mass.  
**Horton Mfg. Co.,** 3008 University av, Minneapolis, Minn.  
**Lentz-Schebler Co. (Pulleys),** Indianapolis, Ind.  
**Meese & Gottfried Co.,** 660 Mission, San Francisco, Cal.  
**Moore & White Co.,** N 15th & Lehigh av, Phila., Pa.  
**Phenix Iron Works,** Winona, Minn.  
**Reeves Pulley Co.** ("Reeves" System), Columbus, Ind.

**16436— Variators**

**American District Steam Co.** (Single & Double Expansion), North Tonawanda, N. Y.

**Varnish (Armature & Field Coil)**

See Varnishes, Insulating

**16437— Varnish Cloth**

**American Mica Co.** ("Puritan"), Newton Lower Falls, Mass.  
**Essex Varnish Co. (Aeroplane Cloth),** 84 Vesey, Newark, N. J.

**16438— Varnish Gums**

**Apelt Hermann (Imp),** 87 Pine, New York  
**Bauer Phillip Co. (Damar),** 68 Broad, New York  
**Brunn E. W. (Imp),** Produce Exch. Annex, New York  
**Cameron R. W. & Co. (Imp Kauri),** 23 S William, New York  
**Carleton E. Everett & Co. (Imp.),** copal, damar, pontiawak, 133 Front, New York  
**Fuerst Bros. & Co.,** 2 Stone, New York  
**Gillespie L. C. & Sons (Kauri, Damar & Copal),** 8 Fletcher, New York  
**Gravenhorst & Co. (Copal) (Imp),** 96 Wall, New York  
**Gross Otto (Imp),** 66 Beaver, New York  
**Isenstein Otto & Co. (Copal & Damar Imp),** 10 Hubert, New York  
**Klipstein A. & Co. (Kauri, Damar & Copal),** 644 Greenwich, New York  
**Mauer E. Co. (Imp.) (Copal),** 80 Maiden la, New York  
**Meyer J. & Sons (Kauri, Copal, Damar),** 537 Phila. Bourse, Phila., Pa.  
**Paterson, Boardman & Knapp (Kauri, Damar Copal),** 10 Bridge, New York  
**Patterson G. W. S. & Co. (Kauri, Damar & Copal),** 135 Front, New York  
**Pauli Hermann (Copal),** 80 Pine, New York  
**Scheel Wm H. (Kauri, Damar & Copal),** 159 Maiden la, New York  
**Tappenbeck W. (Imp.),** 106 Wall, New York  
**Windmuller L. & Roelker (Copal),** 20 Reade, New York  
**Winterbourne S. & Co. (Kauri, Damar & Copal),** 94 Pine, New York

**16439— Varnish Mfrs.****CALIFORNIA.**

**ALAMEDA—Worden Meeker Varnish Co.**

**SAN FRANCISCO—Bass-Hueter Paint Co.**  
 816 Mission  
**Fuller W. P. & Co.,** 301 Mission  
 San Francisco Pioneer Varnish Wks.,  
 816 Mission  
**Tamm & Nolan Co.,** 151 Potrero av  
**Yates & Co.,** 762 Folsom

**COLORADO.**

**DENVER—McMurtry Mfg. Co.**

**CONNECTICUT.**

**BRIDGEPORT—Crockett D. B. Co.** ("Opal Gloss" Spar)  
**Parrott Varnish Co.** ("Parrott" Auto)  
**MIDDLETOWN—Smith J. O. Mfg. Co.**  
**NEW HAVEN—Booth & Law Co.**  
**NEW MILFORD—Bridgeport Wood Finishing Co.**  
**STAMFORD—Celluloid Zapon Co.** (Richards & Co., Prop.)

**DELAWARE.**

**WILMINGTON—Bradford James Co.,** 8 E 3d

**GEORGIA.**

**ATLANTA—Southern Paint & Varnish Wks.** ("S. P. V. W.")

**ILLINOIS.**

**CHICAGO—Adams & Elting Co.** ("Ad-El-Itte," Floor 103, "Spar-Itte"), 726 Wash blvd  
**American Varnish Co.** (Railway Carriage & Cabinet), 1140 N Branch  
**Armstrong Paint & Varnish Works** ("Varnolin"), 2502 S Paulina  
**Atlantic Drier & Varnish Co.,** 3909 Sheridan rd  
**Barrett Varnish Co.,** W 16th & S 50th Ct.  
**Chicago Varnish Co.,** 2100 Elston av  
**Cooper-Bell Varnish Co.,** 2526 W Van Buren  
**Crown Varnish & Enamel Co.,** 2322 N Seeley av  
**Day James B. & Co.,** 214 W Ohio  
**Devoe & Reynolds Co.,** 14 W Lake  
**Elliott Varnish Co.** ("Roof Leak"), 711 S Kolmar av  
**Elmendorf Varnish Co.,** 841 Larrabee  
**Franché C. E. & Co.,** 440 Orleans  
**Grace Varnish Co.,** 1014 Larrabee  
**Martin-Senour Co.,** 2520 Quarry  
**Nikolas G. J. & Co.,** 1227 W Van-buren  
**Nubian Paint & Varnish Co.** ("Victory," "Everlastine," "Re-Vi-Var"), 1856 Leclair av  
**Patterson-Sargent Co.** ("Nisoron"), 2025 Lumber  
**Stewart, Mowry Co.,** 3218 Shields av  
**Sullivan Varnish Co.,** 410 Hart  
**Thurston F. W. Co.,** 1832 S Clark  
**Tousey Varnish Co.,** 520 W 25th  
**Twin City Varnish Co.,** 340 River  
**Unkefer Geo. R. Co.,** 1827 Le Clair av  
**Vilas Bros.,** 717 S 5th av  
**Washburn Thos. F. Co.,** 2213 Lister av  
**Watson Geo. E. Co.,** 62 W Lake  
**Wheeler Varnish Works,** 2260 Elston av  
**PEORIA—Globe Mfg. Co.**  
**ROCKFORD—Rockford Varnish Co.**  
**ZION CITY—Bereda Mfg. Co.**

**INDIANA.**

**INDIANAPOLIS—Indianapolis Varnish Co.**  
 Lilly Varnish Co.  
**SOUTH BEND—O'Brien Varnish Co.** ("O'Brien")  
**VALPARAISO—Parker Chas. H. Co.**

**IOWA.**

**WATERLOO—Waterloo Varnish Mfg. Co.**

**KENTUCKY.**

**LOUISVILLE—Louisville Varnish Co.**  
 Sun Varnish Co.

**LOUISIANA.**

**NEW ORLEANS—Union Varnish Co.** (A. Riggs & Bro., Props.), 3d & Claibourne

**MAINE.**

**PORTLAND—Fuller August P. Co.**

**MARYLAND.**

**BALTIMORE—Chesapeake Oil Co.,** Stockholm & Peach alley  
**Davis H. B. Co.,** Keyser bldg  
**Macneal Jas. B. & Co.,** Warner & Wooster  
**Popplein G. & N.,** 220 North

**MASSACHUSETTS.**

**BOSTON—Babcock J. & Co.,** Allston  
**Babcock Varnish Co.,** 144 High  
**Boston Varnish Co.,** Everett Station  
**Burbank & Ryder**  
**Carpenter-Morton Co.** ("Campbell"), 77 Sudbury  
**Gilman Chas. H.** ("Drescote"), 103 Merrimac  
**King E. & F. & Co.,** 367 Atlantic av  
**New England Oil, Paint & Varnish Co.,** Waters av  
**Wadsworth, Howland & Co.** ("Bay State"), 141 Federal  
**CHELSEA—Miller Lyman M.** (Est. of)  
**EVERETT—Boston Varnish Co.**  
**MIDDLEBORO—Shaw Geo. H. Co.**  
**SPRINGFIELD—Hampden Paint & Chemical Co.**  
 Wadsworth Howland & Co.

**MICHIGAN.**

**DETROIT—Acme White Lead & Color Works**  
**Berry Bros.**  
**Cadillac Varnish Works,** 31 Eastern pl  
**Detroit Varnish Co.**  
**McNamara Michael Varnish Works,** Clark & M C R R  
**Peninsular Paint & Varnish Co.**  
**FLINT—Flint Varnish & Color Works**

**MINNESOTA.**

**ST. PAUL—Twin City Varnish Co.** ("Best-Yette," "Wearette"), 521 Cleveland av

**MISSOURI.**

**ST. LOUIS—Borden Varnish Co.** ("Floor Shine"), 816 S Vandeventer av  
**Gregg Varnish Co.,** Grand & McKissock av  
**Mound City Paint & Color Co.,** 11th & Mullanphy  
**Robbins A. Varnish Co.,** 1537 N 8th  
**Vane-Calvert Paint Co.,** 1601 N B'way

**NEW JERSEY.**

**FANWOOD—Bond Varnish Co.**  
**GIBBSBORO—Lucas John & Co.**  
**HOBOKEN—Hotopp Varnish Co.**  
**JERSEY CITY—Amalgamated Paint Co.** (Spar), 371 Wayne  
**Aspinwall Geo. H.,** 134 Haliday  
**Gillespie Chas. H. & Sons, Dey**  
**New Jersey Paint Works (Louderbough Hy, Prop),** Wayne  
**Woolsey C. A. Paint & Color Co.,** 500 Grand  
**NEWARK—Anglo-American Varnish Co.,** 55 Johnson  
**Armitage Jno. L. & Co.,** Thomas & Dawson  
**Beckwith-Chandler Co.,** 203 Emmett  
**Bigelow Varnish Co.,** 81 Oliver  
**Brooks Clarence & Co.,** 249 Chestnut  
**Devoe F. W. & C. T. Reynolds Co.** 223 N. J. R. R. av  
 (See New York City)  
**Essex Varnish Co.,** 84 Vesey  
**Flood & Conklin Co.,** 136 Chestnut  
**Murphy Varnish Co.,** McWhorter  
**Newark Varnish Works,** Delancy c Adams  
**Palmer Price Co.,** 270 Chestnut  
**Patton Paint Co.,** ft Chester av  
**Pitcairn Varnish Co.,** ft Chester av  
**PLAINFIELD—Price-Bond Varnish Wks**

**NEW YORK.**

**BINGHAMTON—Collier H. C & Sons**  
**BROOKLYN—(See New York City, Borough of Brooklyn)**  
**BUFFALO—Buffalo Oil, Paint & Varnish Co.**



Century Mfg. Co., 272 W Genesee  
Century Varnish Co., 272 W Genesee  
Harland Wm & Son  
McDougall Varnish Co., 1317 Elk  
Pratt & Lambert (Inc.)  
ELLENVILLE—Ulster Paint Works  
LONG ISLAND CITY—(See New York  
City, Borough of Queens)

**NEW YORK CITY.****Borough of Brooklyn.**

BROOKLYN—Ambroid Co. (For Hat  
Blocks & Aeroplanes), 227 Miller  
av  
American Varnish Works, 425 Green-  
point av  
Booden & Son ("K-A-U-R-I"), 243 N  
9th  
Brooklyn Varnish Mfg. Co., 35 No-  
strand av  
Carter C. W. H. (Firm of), Columbia  
Hildreth Varnish Co., 77 N 12th  
Howe Varnish Co., 253 Norman av  
Keystone Varnish Co. ("Keystona"),  
71 Otsego  
King Paint Mfg. Co., 449 Kent av  
Masury John W. & Son, 50 Jay  
Moller & Schumann Co., Marcy &  
Flushing av  
Moore Benj. & Co., 231 Front  
Pierce F. O. Co., 30 Tiffany pl  
Valentine & Co., 364 Manhattan av  
Wood & Van Derwerken Varnish Co.,  
33 Wythe av

**Boroughs of Manhattan and Bronx.**

NEW YORK—Anderson T. P., 304 Mad-  
ison av  
Androvette & Townsend (Shellac), 235  
Water  
Barclay Naval Stores Co. (Rosin Var-  
nish), 44 Whitehall  
Beckwith, Chandler Co., 5th av & 32d  
Behlen H. & Bro., 371 Pearl  
Berry Bros., 262 Pearl  
Carter C. W. H. (Lithographers'), 8  
Ferry  
Congress Varnish Works, 99 Pine  
De Bar Co., 1 State  
Devoe & Reynolds Co., Inc., 101 Ful-  
ton  
Dunham Thos. Co., 68 Murray  
Excelsior Varnish Works, 261 B'way  
Feigel M. & Bro., 185 Wooster  
Gerstendorfer Bros. ("Sapolin"), 221  
E 42d  
Hildreth Varnish Co., 90 West  
Longman & Martinez ("Bull Dog"), 54  
Maiden la  
Loudersback A. E. (Imp), 75 Murray  
Mayer & Loewenstein ("Adamant"),  
164 Water  
Maynz & Co. (Brewers' Varnish), 13  
Water  
Mott Haven Color Works, 395 Mott av  
Payson Varnish Co., 141 1st & Walnut  
av  
Pierce F. O. Co., 12 W B'way  
Pomeroy & Fischer (Imp), 95 Madison  
av  
Pratt & Lambert ("Sixty-One"), 185  
Madison av  
Rogers-Pyatt Shellac Co. (Shellac), 81  
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Schlegel Oscar Mfg. Co., 111 E 12th  
Thuebel S. H., 130 Pearl  
Toch Bros., 320 5th av  
Valentine Co., 456 4th av  
Victorson Varnish Co., 100 William  
Whitehead Paint Co., 1 Madison av  
Winterbourne S. & Co., 94 Pine  
Zinsser Wm & Co., 195 William

**Borough of Queens.**

COLLEGE POINT—Chilton Paint Co.  
GLENDALE STATION—Lion Varnish Wks  
LONG ISLAND CITY—Calman Emil & Co.,  
Vernon av  
Chase Roberts & Co. ("Kismet,"  
"Ozonite"), West av  
Fenner Geo. L., West av  
Mayer & Lowenstein, 348 Vernon av  
National Varnish Co., 153 West av  
Smith Edw. & Co., 127 West av  
Thibaut & Walker Co., 9th & West av  
United Varnish Co. (Varnish for all  
Purposes), 300 Hancock  
Wiley C. A. Co., Hancock

**Borough of Richmond.**

ELM PARK—Standard Varnish Works  
("Elastica," Railroad, Marine,  
House, etc), 2589 Richmond ter  
(End of New York City)

SCHENECTADY—Schenectady Varnish  
Co.  
TROY—DeGolyer Varnish Works

**OHIO.**

AKRON—Akron Varnish Co.  
CINCINNATI—Ault & Wiborg Co. (Fin-  
ishing Varnishes & Japans)  
Becker R. A. Varnish Co., Harrison av  
& Garrard  
Blackburn Varnish Co., Dana & Floral  
Evanston  
Bord Varnish Co., 202 Main  
Cincinnati Varnish Co., 2111 South  
Foy Paint Co., 230 E 5th  
Johnston R. F. Paint Co., Pearl &  
Main  
Pfaff Jno. Varnish Co., 1665 Provi-  
dence  
Queen City Varnish Co., Montgomery  
rd & Dana av  
Richmond Bros., 117 E 6th  
United States Varnish Co., 2616 Coler-  
ain  
Wolf Herman & Co., 214 W Liberty  
CLEVELAND—Billings-Chapin Co.  
Canfield Oil Co.  
Cleveland Varnish Co., 3111 E 87th  
Day B. T. & S. P. Co., 2394 Canal rd  
Empire Varnish Co., 2638 E 76th  
Excelsior Varnish Works, 1242 W 74th,  
N W  
Forest City Paint & Varnish Co., 3334  
Lakeside av  
Fuller Ralph L. & Co., Guardian bldg  
Glidden Varnish Co. ("Jap-a-lac"),  
1755 W Madison  
National Paint & Varnish Co., 8709  
Kinsman rd  
Ohio Varnish Co. ("Chi-Namel"), 8604  
Kinsman  
Patterson-Sargent Co. ("B. V. S.")  
Peerless Paint & Varnish Co., Hippo-  
drome Annex  
Robertson Paint & Varnish Co., 9808  
Meech av  
Sherwin-Williams Co.  
Western Reserve Varnish Co., 1251  
Marquette  
COLUMBUS—Columbus Varnish Co.  
DAYTON—Kay & Ess Co.  
Lowe Bros. Co.  
Thresher Varnish Co.  
Tower Varnish & Dryer Co.  
TOLEDO—Buckeye Paint & Varnish Co.  
Hardy Paint & Varnish Co.  
Royal Varnish Co.  
WEST PARK—Forbes Varnish Co.

**PENNSYLVANIA.**

ERIE—Bayerson Oil Works  
HANOVER—Acme Extract & Chemical  
Works (E. G. Eckert, Prop.)  
JAMESTOWN—Jamestown Paint & Var-  
nish Co.  
JOHNSTOWN—Cambria Paint & Color Co.  
NORRISTOWN—Norristown Varnish Co.  
(Ltd.)  
PHILADELPHIA—Adams Thos. J. & Co.,  
3605 N 4th  
Atlantic Drier & Varnish Co., Meadow  
& Wolf  
Bean Lewis U. Co., 922 Cherry  
Coyne Bros. Varnish Co., N 2d &  
Pike  
Denny Hilborn & Rosenbach, 230 N  
12th  
Felton Sibley & Co., 136 N 4th  
Flexible Compound Co., 3607 Haver-  
ford  
French Samuel H. & Co., 4th & Cal-  
lowhill  
Graves N. Z. Corp., 22 S 3d  
Grogan H. F. & Co., 2113 E Sergaant  
Harrisons, Inc. ("Vitrolac"), 35th c  
Gray's Ferry rd  
Howell C. H. & Co., 212 Race  
Lawrence-McFadden Co., 1400 Fkd. av  
Lucas John & Co., 322 Race  
McCloskey Varnish Co., S 30th, c Lo-  
cust  
Metropolitan Paint & Varnish Co., 322  
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NICE EUGENE E. ("Nice"), 272 S 2d  
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Phoenix Paint & Varnish Co., 124  
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Schrack C. & Co., 152 N 4th  
Shoemaker Robt. & Co., 4th & Race

Spruance-Gilbert Co., 312 N 3rd  
THOMSON WOOD FINISHING CO.,  
627 N 3d. See adv index at end of book  
Trainer Walter L. Co., 3319 N 12th  
Watrous Varnish Co., 20th & Tasker  
Woodhouse Samuel F. ("Dull Eine"),  
Unity & Franklin  
PITTSBURGH—Eagle Paint & Varnish  
Co., North Side  
Globe Varnish Co., 6125 Butler  
Iron City Oil & Varnish Co., Inwood  
& Frankstown  
Lawrence W. W. & Co. ("Tiger-  
Brand")  
Sipe Jas. B. & Co., Bessemer bldg  
Sterling Varnish Co., Fulton bldg  
Thompson & Co., 1111 Galveston av  
Walters Mfg. Co., Fulton bldg  
READING—Wilhelm A. Co.  
TULLYTOWN—Tully Paint & Varnish Co.

**TEXAS.**

HOUSTON—Rogers W. H. Paint Mill  
Texas Varnish & Specialty works

**VIRGINIA.**

NORFOLK—American Chemical & Mfg.  
Co., 617 Monticello av  
RICHMOND—Atlantic Varnish Works,  
Inc.

**WASHINGTON.**

SEATTLE—Crest Chemical Co. ("Pyroxy-  
lin")  
Seattle Paint Co.

**WISCONSIN.**

MILWAUKEE—Pitcairn Varnish Co., 213  
Lake

**Varnish Removers**

See Paint & Varnish Removers

**16440—Varnish Renovator**

Aquart Mfg. Co. (Cleaning & Polishing),  
Chemical bldg, St. Louis, Mo.  
Columbia Refining Co. ("Columbia" Pre-  
servative & Cleaner), 90 West, New  
York  
Imperial Car Cleaner Co., 218 McWhorter,  
Newark, N. J.  
Sipe Jas. B. & Co., Bessemer bldg, Pitts-  
burgh, Pa.

**16441—Varnish Substitutes**

Boley C. H. Co. ("Lino-O-Lac"), 3722 N  
Randolph, Phila., Pa.

**16441a—\*Varnishes**

HARRISONS INC. ("Clearlac", & "Vitro-  
lac", "Lightning", "Cirocco" Paint &  
Varnish Driers, "Liquid Light" In-  
terior Mill Finish), 35th & Gray's  
Ferry rd, Phila., Pa.

**16442—Varnishes (Architectural)**

Atlantic Varnish Works, Inc. ("Duralite"),  
Richmond, Va.  
Boston Varnish Co., Everett Station, Bos-  
ton, Mass.  
Chicago Varnish Co. ("Shipoleum"), 2100  
Elston av, Chicago, Ill.  
Columbus Varnish Co., Columbus, O.  
Keystone Varnish Co. ("Trimalite"), 71  
Otsego, Brooklyn, N. Y.  
Murphy Varnish Co. McWhorter, Newark,  
N. J.

When writing to firms whose  
names appear in this book  
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**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
 Valentine & Co., 456 Fourth av, New York

### 16443—Varnishes (Asphaltum)

Akron Varnish Co., Akron, O.  
 Allentown Mfg. Co., Allentown, Pa.  
 Alcatraz Co., Inc., 3200 Williamsburg av, Richmond, Va.  
 Atlantic Drier & Varnish Co., Meadow & Wolf, Phila., Pa.  
 Atlantic Varnish Works, Inc., Richmond, Va.  
 Boston Varnish Co., Everett Station, Boston, Mass.  
 Chicago Varnish Co. ("Shipoleum"), 2100 Elston av, Chicago, Ill.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
 Doggett Stanley, 11 Cliff, New York  
 Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.  
 Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.  
 Fort Pitt Oil & Paint Co., 3209 Liberty av, Pittsburgh, Pa.  
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
 Glidden Varnish Co., 1755 W Madison, Cleveland, O.  
 Harland Wm. & Son ("Harland"), Buffalo, N. Y.  
 Harrison's Inc., 35th & Gray's Ferry rd, Phila., Pa.  
 Hommel O. Co., Hope & Maple, Pittsburgh, Pa.  
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
 Kay & Ess Co., Dayton, O.  
 Lilly Varnish Co., Indianapolis, Ind.  
 Lucas Jno. & Co., 322 Race, Phila., Pa.  
 McCloskey Varnish Co., 30th & Locust, Phila., Pa.  
 Macneal Jas. B. & Co., Warner & Wooster, Baltimore, Md.  
 Masury Jno. W. & Son, 50 Jay, Brooklyn, N. Y.  
 Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
 National Varnish Co., 153 West av, Long Island City, N. Y.  
 O'Brien Varnish Co., South Bend, Ind.  
 Parker Chas. H. Co. (Baking & Air Drying), Valparaiso, Ind.  
 Pratt & Lambert, Buffalo, N. Y.  
 Riesenman Mfg. Co., Franklin, Pa.  
 Sherwin-Williams Co., Cleveland, O.  
 Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
 Smith Edw. & Co. (Black), 127 West av, Long Island City, N. Y.  
 Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.  
 Stall Varnish Co., Louisville, Ky.  
 Texas Co., 17 Battery pl, New York  
**THOMSON WOOD FINISHING CO.**, 827 N 3d, Phila., Pa.  
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 United Varnish Co., 300 Hancock, Long Island City, N. Y.  
 Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.  
 Wilhelm A. Co., Reading, Pa.

### 16444—\*Varnishes (Automobile)

Atlantic Varnish Works, Inc. ("Ultra Blac"), Richmond, Va.  
 Boston Varnish Co., Everett Station, Boston, Mass.  
 Columbus Varnish Co., Columbus, O.  
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
 Murphy Varnish Co., McWhorter, Newark, N. J.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Valentine & Co. (Vanadium), 456 Fourth av, New York  
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

### 16445— Varnishes (Baking)

Boston Varnish Co., Everett Station, Boston, Mass.  
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
 Murphy Varnish Co., McWhorter, Newark, N. J.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
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 Valentine & Co., 456 Fourth av, New York  
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

### 16446— Varnishes (Black)

Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
 Essex Varnish Co., 84 Vesey, Newark, N. Y.  
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 Valentine & Co. (In Oil or Japan), 456 Fourth av, New York  
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

### 16447— Varnishes (Bronzing)

Murphy Varnish Co., McWhorter, Newark, N. J.

### 16448—Varnishes (Cotton Tie)

Walters Mfg. Co., Fulton bldg., Pittsburgh, Pa.

### 16449—\*Varnishes (Embossing)

**BINSWANGER B. & CO.**, 827 N 3d, Phila., Pa.

### 16450— Varnishes (Enameled Leather)

Chase, Roberts & Co., West av, Long Island City, N. Y.  
 Flood & Conklin Co. (For Renovating Old Carriage Tops), 132 Chestnut, Newark, N. J.  
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.

### Varnishes (Floor)

See Floor Finish

### 16451—Varnishes (Insulating)

See also Compounds, Insulating; also Paints, Insulating  
 Benolite Co. (Black), 331 4th av, Pittsburgh, Pa.  
 Berry Bros., Detroit, Mich.  
 Calman Emil & Co. ("Ohmlac"), 100 William, New York  
 Canfield Oil Co., Cleveland, O.  
 Central Paint & Supply Co. ("Gilsel-gloss"), Railway Exch. bldg, St. Louis, Mo.  
 Chase, Roberts & Co., West av, Long Island City, N. Y.  
 Chicago Mica Co. ("Crystal"), Valparaiso, Ind.  
 Columbus Varnish Co., Columbus, O.  
 Condensite Co. of America, Bloomfield, N. J.  
 Devoe & Reynolds Co., Inc., 101 Fulton, New York  
 Dielectric Mfg. Co., 224 S Vandeventer av, St. Louis, Mo.  
 Dolph John C. Co. ("Wayahead," "Jay-seedee"), 178 Emmett av, Newark, N. J.  
 Eagle Paint & Varnish Co., N S, Pittsburgh, Pa.  
 Harland Wm. & Son, Buffalo, N. Y.  
 Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
 Irvington Varnish & Insulator Co., Irvington, N. J.  
 Lehon Co., W 45th & S Western av, Chicago, Ill.  
 Mica Insulator Co. ("M. I. C.," "Linolac"), 68 Church, New York  
 Mineralac Electric Co., 1045 Washington blvd, Chicago, Ill.  
 Moller & Schumann Co., Marcy av, Brooklyn, N. Y.  
 Murphy Varnish Co., McWhorter, Newark, N. J.  
 New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
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 Packard Electric Co., Warren, O.  
 Pyramid Paint Co., 133 N 22d, Phila., Pa.  
 Schenectady Varnish Co., Schenectady, N. Y.  
 Sherwin-Williams Co., Cleveland, O.  
 Smith Edw. & Co., 127 West av, Long Island City, N. Y.  
 Standard Paint Co. ("P. & B."), 233 Broadway, New York  
 Standard Varnish Works ("Impregnite"), 2589 Richmond ter, Elm Park, N. Y.  
 Sterling Varnish Co., Fulton bldg, Pittsburgh, Pa.  
 Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
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### 16452—Varnishes (Linoleum & Oil Cloth)

Boston Varnish Co. ("Kyanize"), Everett Station, Boston, Mass.  
 Chase, Roberts & Co. (Floor & Table), West av, Long Island City, N. Y.  
 Chicago Varnish Co., 2100 Elston av, Chicago, Ill.

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 CAMDEN, N. J.





Murphy Varnish Co., McWhorter, Newark, N. J.  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

**16453—Varnishes (Marine)**

Anglo-American Varnish Co., 53 Johnson, Newark, N. J.  
Babcock John & Co., Allston, Boston, Mass.  
Berry Bros., Detroit, Mich.  
Boston Varnish Co., Everett Station, Boston, Mass.  
Brooklyn Varnish Mfg. Co. ("K-A-U-R-I-Spar"), 35 Nostrand av, Brooklyn, N. Y.  
Burbank & Ryder, Boston, Mass.  
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
Chicago Varnish Co. ("Navalite"), 2100 Elston av, Chicago, Ill.  
Devoe & Reynolds Co., Inc., 101 Fulton, New York  
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
Harland Wm. & Son ("Harland"), Buffalo, N. Y.  
Impervious Metal Corp., 321 Wood, Pittsburgh, Pa.  
Kahls H. B. Fred ("Elastic" Deck Varnish), 6413 3d av, Brooklyn, N. Y.  
Lucas John & Co., 322 Race, Phila., Pa.  
Lilly Varnish Co., Indianapolis, Ind.  
Louisville Varnish Co., Louisville, Ky.  
McCloskey Varnish Co., 30th & Locust, Philadelphia, Pa.  
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.  
Mott Haven Color Works, 395 Mott av, New York  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
Murphy Varnish Co., McWhorter, Newark, N. J.  
National Varnish Co., 153 West av, Long Island City, N. Y.  
Newark Varnish Works ("Best" Boat-spar), 116 Delancy, Newark, N. J.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
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O'Brien Varnish Co., South Bend, Ind.  
Parker Charles H. Co., Valparaiso, Ind.  
Parrott Varnish Co., Bridgeport, Conn.  
Pratt & Lambert, Buffalo, N. Y.  
Sherwin-Williams Co., Cleveland, O.  
Smith Edw. & Co., 127 West av, Long Island City, N. Y.  
Spritine Chemical Co., Wilmington, N. C.  
Standard Varnish Works ("Oceana"), 2589 Richmond ter., Elm Park, N. Y.  
**THOMSON WOOD FINISHING CO.**, 827 N 3d, Phila., Pa.  
*See adv index at end of book*  
Toch Bros. (Spar, etc), 320 5th av, New York  
Valentine & Co. ("Valspar"), 456 Fourth av, New York  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
Winn Wm. R. (Jobbers, Spar, etc), 143 Maiden Lane, New York  
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

**16454—Varnishes (Piano)**

Boston Varnish Co., Everett Station, Boston, Mass.  
Chase, Roberts & Co., West av, Long Island City, N. Y.  
Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
Glidden Varnish Co. ("Skin Cote"), 1755 W. Madison, Cleveland, O.  
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
Murphy Varnish Co., McWhorter, Newark, N. J.  
Valentine & Co., 456 Fourth av, New York

**16455—Varnishes (Printing & Lithographic)**

Columbus Varnish Co. (Lithographic), Columbus, O.  
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
Johnson Chas. Eneu & Co., 410 Pearl, New York  
Morrill Geo. H. Co., Norwood, Mass.

**16456—Varnishes (Railway & Carriage)**

Adams & Elting Co., 726 Washington blvd, Chicago, Ill.

American Varnish Co., 1140 N Branch, Chicago, Ill.  
Anglo-American Varnish Co., 53 Johnston, Newark, N. J.  
Babcock John & Co., Allston, Boston, Mass.  
Bayerson Oil Works, Erie, Pa.  
Beckwith-Chandler Co., 203 Emmett, Newark, N. J.  
Berry Bros., Detroit, Mich.  
Bigelow Varnish Co., 87 Oliver, Newark, N. J.  
Boston Varnish Co., Everett Station, Boston, Mass.  
Burbank & Ryder, Boston, Mass.  
Chase, Roberts & Co., West av, Long Island City, N. Y.  
Chicago Varnish Co. (Railway, "Ce-Ve" Process), 2100 Elston av, Chicago, Ill.  
Devoe & Reynolds Co., Inc., 101 Fulton, New York  
Flint Varnish & Color Wks., Flint, Mich.  
Flood & Conklin Co., 132 Chestnut, Newark, N. J.  
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
Glidden Varnish Co., 1755 W. Madison, Cleveland, O.  
Harland Wm. & Son ("Harland"), Buffalo, N. Y.  
Harrisons Inc., 35th & Gray's Ferry rd, Phila., Pa.  
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
Lawrence W. W. & Co., Pittsburgh, Pa.  
Louisville Varnish Co., Louisville, Ky.  
Lowe Bros. Co., Dayton, O.  
Lucas John & Co., 322 Race, Phila., Pa.  
Martin-Senour Co, 2520 Quarry, Chicago, Ill.  
Masury John W. & Son, 50 Jay, Brooklyn, N. Y.  
Mayer & Loewenstein, 164 Water, New York  
Moller & Schumann Co., Marcy av, Brooklyn, N. Y.  
Mott Haven Color Works, 395 Mott av, New York  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
Murphy Varnish Co., McWhorter, Newark, N. J.  
National Varnish Co., 153 West av, Long Island City, N. Y.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
O'Brien Varnish Co., South Bend, Ind.  
Parrott Varnish Co., Bridgeport, Conn.  
Pratt & Lambert, Buffalo, N. Y.  
Schenectady Varnish Co., Schenectady, N. Y.  
Sherwin-Williams Co., Cleveland, O.  
Smith Edw. & Co., 127 West av, Long Island City, N. Y.  
Standard Varnish Works ("Standard"), 2589 Richmond ter., Elm Park, N. Y.  
Valentine & Co. ("Lawson"), 456 Fourth av, New York  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

**16457—Varnishes (Rosin)**

N. Y. Rosin Oil & Varnish Co., 90 West, New York  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

**16458—Varnishes (Rubbing)**

Boston Varnish Co., Everett Station, Boston, Mass.  
Chicago Varnish Co. ("Chi-var-co"), 2100 Elston av, Chicago, Ill.  
Murphy Varnish Co., McWhorter, Newark, N. J.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
Valentine & Co. ("Lawson"), 456 Fourth av, New York  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

**Varnishes (Shellac)**

*See Shellac*

**16459—Varnishes (Spar)**

Devoe & Reynolds Co., Inc. ("Vermosite"), 101 Fulton, New York  
Essex Varnish Co., 84 Vesey, Newark, N. J.

Flood & Conklin Co., 132 Chestnut, Newark, N. J.  
**NICE EUGENE E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
Wadsworth, Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.

**16460—Varnishes & Japans (Asphalt)**

Akron Varnish Co., Akron, O.  
Atlantic Varnish Works, Inc., Richmond, Va.  
Barrett Co., 17 Battery pl, New York  
Boston Varnish Co., 25 W. B'way, New York  
Burbank & Ryder, Boston, Mass.  
Canfield Oil Co., Cleveland, O.  
Chesapeake Oil Co., Stockholm & Peach alley, Baltimore, Md.  
Devoe & Reynolds Co., Inc., 101 Fulton, New York  
Doggett Stanley, 11 Cliff, New York  
Essex Varnish Co., 84 Vesey, Newark, N. J.  
Ford Mfg. Co., 2339 La Salle, Chicago, Ill.  
French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
Harland Wm. & Son ("Harland"), Buffalo, N. Y.  
Impervious Metal Corp., 421 Wood, Pittsburgh, Pa.  
Lilly Varnish Co., Indianapolis, Ind.  
Lowe Bros. Co., Dayton, O.  
Mound City Paint & Color Co., 11th & Mullanphy, St. Louis, Mo.  
**Nice Eugene E.**, 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
Pratt & Lambert, Buffalo, N. Y.  
Sipe Jas. B. & Co., Bessemer bldg, Pittsburgh, Pa.  
Smith Edw. & Co., 127 West av, Long Island City, N. Y.  
Texas Co., 17 Battery pl, New York  
**THOMSON WOOD FINISHING CO.**, 827 N 3d, Phila., Pa.  
*See adv index at end of book*  
Thurston F. W. Co., 1832 S Clark, Chicago, Ill.  
Trinidad Asphalt Mfg. Co. ("The Epure"), Title Guaranty Trust bldg, St. Louis, Mo.  
Ulster Paint Works, Ellenville, N. Y.

**Vaseline**

*See Petrolatum*

**16460a—\*Vases (Cast Iron, for Garden)**

*See also Fountains, Vases, etc.*

**SNEAD & CO. IRON WORKS**, 98 Pine, Jersey City, N. J.  
*See adv index at end of book*

**16461—Vases (Coal)**

Central Stamping Co., 172 Fulton, New York

**16461a—Vases (Hat Pin Holders)**

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 B'way, New York

**16462—\*Vases, Urns & Tripods**

**GORHAM CO. ARCHITECTURAL BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*

**16462a—Vats (Cheese Factory)**

Koven L. O. & Bro., 154 Ogden av, Jersey City, N. J.  
Oakes & Burger Co., Cattaraugus, N. Y.

**16463—Vats (Cypress)**

*See also Tanks, Wood*

American Stave & Cooperage Co., Chelsea, Mass.  
Bushnell Tank Works, Bushnell, Ill.  
Cypress Lumber Co., 88 Broad, Boston, Mass.  
Schlechter E. F. Co., 10 S. 18th, Phila., Pa.  
**STEARNS A. T. LUMBER CO.**, 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
Stevens Tank & Tower Co., Auburn, Me.



**16464— Vats (Dye)**

American Stave & Cooperage Co., Chelsea, Mass.  
Casey-Hedges Co., Chattanooga, Tenn.  
New England Tank & Tower Co., Everett Station, Boston, Mass.  
Woolford G. Wood Tank Mfg. Co., (Cedar & Cypress), 1429 Chestnut, Phila., Pa.

**16465-6—Vats (Milk & Cream)**

Burnell D. H. & Co., Little Falls, N. Y.  
Kretschmer Mfg. Co., Council Bluffs, Ia.  
Reid A. H. Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.

**Vault & Office Furniture (Metallic)**

See Bank & Office Fixtures, Metallic

**16467—Vault & Sidewalk Lights (Plain & Prismatic)**

American Bar Lock Co. ("Bar Lock" & "Nu Plan" Systems), Long Island City, N. Y.  
American Luxfer Prism Co., General Office & Factory: 1018 37th, Chicago, Ill.; 507 B'way, New York  
American Mason Safety Tread Co., Boston, Mass.  
American 3-Way Prism Co. (3-Way Prisms), La Porte, Ind.  
Barnum E. T. Wire & Iron Works, 864 Woodward av., Detroit, Mich.  
Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
Berger Mfg. Co. ("Berger Raydiant"), Canton, O.  
Biggin Chas. P. Co., 1829 Harlan, Phila., Pa.  
Bolles J. E. Iron & Wire Works, 4th & Porter, Detroit, Mich.  
Brooklyn Vault Light Co. (Plain & Prismatic), 254 Monitor, Brooklyn, N. Y.  
Brooks T. H. & Co., Cleveland, O.  
Brown Specialty Machinery Co., 2440 W 22d, Chicago, Ill.  
Bruner P. M. Granitoid Co., Frisco bldg., St. Louis, Mo.  
Camden Iron Works, Salem, Va.  
Canton Foundry & Machine Co., Canton, O.  
Carpenter Davis & Co., 216 E. 41st, New York  
Champion Iron Co., Kenton, O.  
Chesapeake Iron Works, Westport, Baltimore, Md.  
Columbia Iron & Wire Works Co., Canton, O.  
Creswell S. J. Iron Works, 23d & Cherry, Phila., Pa.  
Crown Iron Works Co. (Sidewalk Lights Only), 1229 Tyler, Minneapolis, Minn.  
Dauphin Wm. Bronze & Iron Works, 141 W 33d, New York  
Donovan Wire & Iron Co., Chicago & W. & Lerr, Toledo, O.  
East Iron & Machine Co., 351 E Market, Lima, O.  
Ernst's Chas. F. Sons, Buffalo, N. Y.  
Fletcher & Crowell Co., Portland, Me.  
Grossman Bros. & Rosenbaum, Willow av & 133d, New York  
Ham L. M. Co., 158 Portland, Boston, Mass.  
Hamill Alex Iron Works, 426 Montgomery, Jersey City, N. J.  
Hetherington & Berner, Indianapolis, Ind.  
Heughes F. L. & Co., Rochester, N. Y.  
International Steel & Iron Co., Evansville, Ind.  
Jackson P. H. & Co., 237 First, San Francisco, Cal.  
Keppler Glass Construction, 101 Park av., New York  
McGuigan Jno. & Co., 142 Stillman, San Francisco, Cal.  
Madison Foundry Co., Cleveland, O.  
Megquier & Jones Co., Portland, Me.  
Meyers Fred. J. Mfg. Co., Hamilton, O.  
See adv index at end of book  
Mills W. J., 198 Roebling, Brooklyn, N. Y.  
Minneapolis Steel & Machinery Co., 29th & Drexel, Minneapolis, Minn.  
More Light Sidewalk Construction Co., 29th st, Wheeling, W. Va.  
Mullen Replaceable Vault Light Co., Hartje bldg., Pittsburgh, Pa.  
Pacific Iron Works, Portland, Ore.  
Queen City Iron & Wire Works Co., Denver, Colo.  
Republic Structural Iron Works Co., (Doors), E. 53d & Lakeside av., Cleveland, O.  
Richards & Kelly Mfg. Co., 309 W 23d, Chicago, Ill.  
**ST. PAUL FOUNDRY CO.**, Como av & Mackubin, St. Paul, Minn.  
See adv index at end of book

Schrieber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.  
Smith Albert Sons, 73 N J R R av., Newark N. J.  
Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
See adv index at end of book  
Smith G. W. & F. Iron Co., Gerard, Rox, Boston, Mass.  
Smith & Lovett Co., 135 Tyler, Boston, Mass.  
Snead Arch'l Iron Works, Louisville, Ky.  
Sommerville Iron & Bronze Co. ("Baker" Patent), 5641 Butler, Pittsburgh, Pa.  
Southern Foundry Co., Owensboro, Ky.  
Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
Sun-Burst Prism Co. ("Sun-Burst Prismatic"), Phila., Pa.  
Taylor E. R. Co. ("Bar-Lock" System), 786 E. Broadway, Boston, Mass.  
Toledo Wire & Iron Works, Toledo, O.  
**TYLER W. S. CO.**, Cleveland, O.  
See adv index at end of book  
Union Building & Cons. Co., Passaic, N. J.  
Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.  
Verdeckburg Iron & Wire Works Co., 1401 Market, Denver, Colo.  
West Side Structural Co., Troy, N. Y.

**16467a— Vaults (Bank)**

Bethlehem Steel Co. (Armor Plate), So. Bethlehem, Pa.

**16468—Vehicles (Children's)**

Amberg Louis & Son ("Koaster Kid"), 101 E. 16th, New York  
American Metal Wheel Co. (Express Wagons), Toledo, O.  
B. & B. Mfg. Co. ("Skootts"), Racine, Wis.  
Baker W. J. Co. ("Bi-Cars" & Speedmobiles), Newport, Ky.  
Burgess & Norton Mfg. Co. ("Burnor," "Bucking Broncho"), Geneva, Ill.  
Carriage & Toy Co., 741 W Lombard, Baltimore, Md.  
Central Wheel & Mfg. Co. (Hand Cars, Automobiles, Pony Carts, etc), Sturgis, Mich.  
Columbia Mfg. Co. (Auto Cars), 220 E 2nd, Cincinnati, O.  
Durham Mfg. Co., Muncie, Ind.  
Garton Toy Co. (Steel & Wood), Sheboygan, Wis.  
Gendron Wheel Co., Toledo, O.  
Juvenile Vehicle Mfg. Co., 3401 S Hoyne av., Chicago, Ill.  
Kangaroo Mfg. Co. ("Kangaroo" Hand Cars), 25 E Washington, Chicago, Ill.  
Kirk-Latty Mfg. Co. ("20th Century," "Hercules" Express Wagons, All Steel, etc), Cleveland, O.  
Kunst John ("Rollomobile"), 70 Murray, New York  
La Porte Mat & Mfg. Co. ("Hercules" Coaster Wagons), La Porte, Ind.  
Lewis-Geer Mfg. Co. (Coaster Wagons), Ypsilanti, Mich.  
Martin & Heagy Mfg. Co. ("Hickory"), Elizabethtown, Pa.  
Mecky A. Co. ("Ledig Keystone" Velocipedes, Hand Cars, Automobiles, Barrows, etc), 1705 W Allegheny, Phila., Pa.  
National Juvenile Auto Co. ("Premo"), Toledo, O.  
National Wheel Co. (Express Wagons), Perrysburg, O.  
Patch Dan Novelty Co., Connersville, Ind.  
Scoville E. U. Co. ("Yankee Flyer," Hand Cars), Manlius, N. Y.  
Sherwood Bros. Mfg. Co. (Hand Carts), Canastota, N. Y.  
South Bend Toy Mfg. Co. ("Reciprocity," "Bill" Coaster Wagons, etc), South Bend, Ind.  
Standard Novelty Works, Duncannon, Pa.  
Sturdevant-Murray Mfg. Co. (Cars, Trucks, Etc.), Mullett & Rivard, Detroit, Mich.  
Toledo Metal Wheel Co. (Wagons, Carts, Velocipedes, Automobiles, etc), Toledo, O.  
White H. B. Co. ("Kiddle-Kar"), North Bennington, Vt.

**16468a—\*Vellum and Fabrics (for Printing)**

Williams, Brown & Earle ("Linaura"), 918 Chestnut, Phila., Pa.

**16469— Velocipedes**

Central Wheel & Mfg. Co., Sturgis, Mich.  
Crandall Carriage Co., 593 3d av., New York  
Gendron Wheel Co., Toledo, O.  
Hill-Standard Mfg. Co., Anderson, Ind.  
Kirk-Latty Mfg. Co., Cleveland, O.  
Mecky A. Co., 1707 W. Allegheny, Phila., Pa.  
Toledo Metal Wheel Co., Toledo, O.  
Wilkins Toy Co., Keene, N. H.  
Wilkinson Mfg. Co., Binghamton, N. Y.  
Worthington Mfg. Co., Elyria, O.

**16470— Velour ("Tiffany")**

Tiffany Studios, 36 Madison av., New York

**16471— Velvets**

American Velvet Co. (Silk), Stonington, Conn.  
Blumenthal Sidney & Co. (Silk, Cotton Back), Shelton, Conn.  
Boyd J. S. Co. (Corduroy & Velveteen), Williamstown, Mass.  
Chase L. C. & Co. (Mohair for Upholstery), 89 Franklin, Boston, Mass.  
See adv index at end of book  
Cheney Brothers (Silk), South Manchester, Conn.  
Helvetia Silk Mill (Silk), Paterson, N. J.  
Martin J. B. Co. (Silk), Norwich, Conn.  
Rossie Velvet Co. (Silk), Mystic, Conn.  
Simon R. & H. Co. (Silk), Town of Union, N. J.

**16472—Veneer Built-Up Woods**

Ahnapee Veneer & Seating Co., Algoma, Wis.  
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.  
Louisville Veneer Mills, Louisville, Ky.  
New Albany Veneering Co., New Albany, Ind.  
Portsmouth Veneer & Panel Co., Portsmouth, O.  
St. Louis Basket & Box Co., Wharf & Penrose, St. Louis, Mo.

**16473— Veneer Mfrs.**

Adams & Raymond Veneer Co., Indianapolis, Ind.  
Ahnapee Veneer & Seating Co., Algoma, Wis.  
Anderson-Tully Co., Memphis, Tenn.  
Astoria Veneer Mills & Dock Co., ft Blackwell, Long Island City, N. Y.  
Augusta Veneer Co., Augusta, Ga.  
Batesville Lumber & Veneer Co., Lawrenceburg, Ind.  
Beach & Fuller Co., Evansville, Ind.  
Beaven-Jackson Lumber & Veneer Co., Evergreen, Ala.  
Beeson Fred C. (Importer), 1032 Fulton, Chicago, Ill.  
Blair Veneer Co., North Troy, Vt.  
Boyd C. C. & Co., Glenn bldg, Cincinnati, Ohio  
Cadillac Veneer Co., Cadillac, Mich.  
Central Veneer Co. (Sliced), Indianapolis, Ind.  
Central Veneer Co., Huntington, W. Va.  
Chicago Veneer Co., Burnside, Ky.  
Cincinnati Veneer Co., 1285 W 6th, Cincinnati, O.  
Colby-Hinkley Co., Benton Harbor, Mich.  
Dann Bros. & Co. (Veneers & Panels), New Haven, Conn.  
Diamond Veneer Co., Edinburg, Ind.  
Dwight Lumber Co., Detroit, Mich.  
Eggers Fred Veneer Seating Co., Two Rivers, Wis.  
Elkin Veneer & Mfg. Co., Elkin, N. C.  
Elmore Veneer Co., Conneaut, O.  
Estes E. B. & Sons, 358 5th av., New York  
See adv index at end of book  
Evansville Veneer Co., Evansville, Ind.  
Farmers Mfg. Co. (Package & Crate), Norfolk, Va.  
Foreman-Derrickson Veneer Co., Elizabeth City, N. C.  
Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.  
Georgia Veneer & Packing Co., Brunswick, Ga.  
Gorham Bros. Co., Mount Pleasant, Mich.  
Goshen Veneer Co. (Panels & Tops), Goshen, Ind.  
Gowing D. H. Veneer Co. (Furniture), Portsmouth, Va.  
Grand Rapids Veneer Works (& Panels), Grand Rapids, Mich.  
Hall Fessenden (Mahogany Lumber & Veneers), 218 S 2d, Phila., Pa.



Hanson-Ward Veneer Co., Bay City, Mich.  
 Hardwood Products Co., Neenah, Wis.  
 Harper G. H. Co., Orange, N. J.  
 High Point Veneer & Panel Co., High Point, N. C.  
 Hoffman Bros. Co., Fort Wayne, Ind.  
 Hood & Wright, Big Rapids, Mich.  
 Hoosier Specialty Co., Ladoga, Ind.  
 Independence Veneer & Box Mfg. Co., Independence, La.  
 Indiana Veneer & Lumber Co. (Quartered Oak Sawed & Sliced), Indianapolis, Ind.  
 Indiana Veneer & Panel Co., New Albany, Ind.  
 Indianapolis Sawed Veneer Co., Indianapolis, Ind.  
 Jamestown Panel Co., Jamestown, N. Y.  
 Jarrell B. C. & Co. (Rotary Cut Gum), Humboldt, Tenn.  
 Jasper Veneer Mills, Jasper, Ind.  
 Johnson L. S. Co., 414 Albany, Boston, Mass.  
 Jones Louis G. (Imp.), 146 Av D, New York  
 Kentucky Veneer Works (Quartered, Sawed Oak Veneer), 13th & Magnolia, Louisville, Ky.  
 Knoxville Veneer Co., Knoxville, Tenn.  
 Louisville Veneer Mills, 948 Fulton, Louisville, Ky.  
 Memphis Veneer & Lumber Co., Memphis, Tenn.  
 Mengel C. C. & Bro. Co. (Circassian Walnut, Mahogany, etc), Louisville, Ky.  
 Merrill Veneer Co., Merrill, Wis.  
 Michigan Veneer Co., Alpena, Mich.  
 Morgan Co. (Jobbers), Oshkosh, Wis.  
 Mummert W. C. & Co., Wawaka, Ind.  
 New Albany Veneering Co. (Build-Up or Veneered Tops, Panels, etc), New Albany, Ind.  
 Norfolk Veneer Co. (Package & Crate), Norfolk, Va.  
 Paducah Box & Basket Co., Paducah, Ky.  
 Palmer & Parker Co., Charlestown, Mass.  
 Pearl City Veneer Co., Jamestown, N. Y.  
 Perfection Mfg. Co., Jefferson W. River Range, Detroit, Mich.  
 Portsmouth Veneer & Panel Co., Portsmouth, O.  
 Putnam Veneer & Lumber Co., Roachdale, Ind.  
 Rayner J. Co., 142 Goerck, New York  
 Rice Veneer & Lumber Co., Grand Rapids, Mich.  
 Roberts & Conner Co., New Albany, Ind.  
 Roddis Lumber & Veneer Co., Marshfield, Wis.  
 St. Louis Basket & Box Co., Wharf & Penrose, St. Louis, Mo.  
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.  
 Setter Bros. Co., Cattaraugus, N. Y.  
 Shiels Chas. F. & Co., Gest & McLean avs, Cincinnati, O.  
**STILES H. A. & CO.**, 93-97 Oliver, Boston, Mass. *See adv index at end of book*  
 Strong Veneer Co., Gerry, N. Y.  
 Sturm Adolph Co. (Importer & Dealer), 542 Wash Blvd, Chicago, Ill.  
 Thompson T. H., Milan, Ind.  
 Thomasville Veneer & Panel Co., Thomasville, N. C.  
 Truitt & Lingo, Dagsboro, Del.  
 Underwood Veneer Co., Wausau, Wis.  
 Uptegrove & Beckwith, 200 5th av, New York  
 Walker Veneer Works, Alpena, Mich.  
 Warren Veneer & Panel Co., Warren, Pa.  
 Wauchula Mfg. & Timber Co., Wauchula, Fla.  
 Webb David R. Co., Edinburg, Ind.  
 Whisler Chas. F., Hillsboro, O.  
 Willey C. L., 2553 S Robey, Chicago, Ill.  
 Williams Ichabod T. & Sons, 910 S Michigan av, Chicago, Ill.  
 Williamson-Kuny Mill & Lbr. Co. (White Oak), Mound City, Ill.  
 Williamson Veneer Co. (Furniture, Piano, etc), Baltimore & 8th, Baltimore, Md.  
 Wilts Veneer Co., Richmond, Va.  
 Wisconsin Veneer Co., Rhinelander, Wis.

#### 16474—Ventilating Apparatus (Electric)

Advance Co. (For Sash in Power Plants, Factories, Buildings, Greenhouses, etc), 542 N 14th, Richmond, Ind.  
 Dean O. J. & Co., Distributors (For Sash in Power Plants, Factories, Buildings, Greenhouses, etc), Association bldg., Chicago, Ill.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

#### 16475—Ventilating Apparatus for Power Plants, Factories, Buildings, Greenhouses, Etc.

See also Blower Manufacturers; also Fans Various Kinds

Advance Co. (Revolving Shaft Tube), 542 N 14th, Richmond, Ind.  
 Bicalky Fan Co., Buffalo, N. Y.  
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.  
 Dean O. J. & Co. (Distributor Revolving Shaft Tube), Association bldg., Chicago, Ill.  
 Dearborn Hardware Mfg. Co. ("Triumph" Roller Bearing), 2911 Carroll av, Chicago, Ill.  
 Devlin Thos. Mfg. Co. (Self-Locking for Factories, Buildings, etc), 3d & Lehigh av, Phila., Pa.  
 Drouve G. Co. ("Straight Push", "Love-ville"), 40 Tulip, Bridgeport, Conn.  
 Evans John A. Co. ("Evans Challenge" for Greenhouses, Roller Bearing), Richmond, Ind.  
 Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.  
 Hitches & Co., 1170 B'way, New York  
 Howard & Morse, 46 Fulton, New York  
 Lord & Burnham Co., 30 E 42d, New York  
 Lupton's David Sons Co. ("Pond" Continuous), Allegheny av & Tulip, Phila., Pa.  
 Ormsby E. A. & Sons, Melrose Sta., Boston, Mass.  
 Payson Mfg. Co. ("Harris"), 2918 W Jackson Blvd, Chicago, Ill.  
 Philipp-Kell Co. Inc., Holliday & Center, Baltimore, Md.  
 Richmond Safety Gate Co., Richmond, Ind.  
**STURTEVANT B. F. CO.** ("Sturtevant"), 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*  
 Tabor Sash Fixture Co. (Transom Operators), 63 Polk, Newark, N. J.  
 Thorn J. S. Co. ("Brand"), 20th & Allegheny av, Phila., Pa.  
**UNO VENTILATOR CO.** ("Uno" Revolving), Newton, N. H.  
*See adv index at end of book*  
 Waterloo Mfg. Co., Waterloo, Ia.  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*  
 Wheeling Metal & Mfg. Co., Wheeling, W. Va.

#### Ventilating Apparatus (Mechanical)

Seal Fans, Exhaust or Ventilating; also Blower Manufacturers

#### 16476—Ventilating Apparatus (Ship)

Barney Ventilating Fan Works (A. B. Franklin, Prop.), 147 Pearl, Boston, Mass.  
 Howard & Morse ("Blackman" & "Duplex Cone"), 46 Fulton, New York

#### 16477—\*Ventilating Sets (Portable)

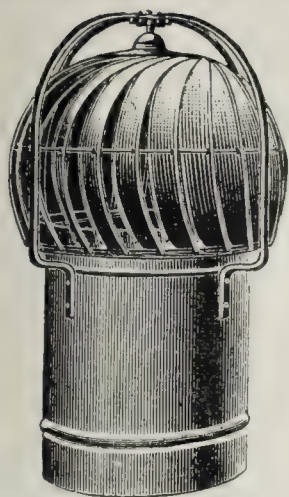
**STURTEVANT B. F. CO.** ("Sturtevant" Ready to Run), 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book*

#### 16478— Ventilator Mfrs.

American 3-Way Prism Co. (Pivoted Transom), La Porte, Ind.  
 Arex Original Siphonage Ventilator ("Arex"), 1591 Conway bldg., Chicago, Ill.  
 Astle H. J. & Co. ("Boland" Revolving), 118 Orange, Providence, R. I.  
 Autoforce Ventilating System ("Autoforce"), 53 Devonshire, Boston, Mass.  
 Automatic Ventilator Co. ("Automatic"), 2 Rector, New York  
 Backman Sheet Metal Works, Des Moines, Iowa  
 Badger E. B. & Sons Co., 75 Pitts, Boston, Mass.  
 Badger Steel Roofing & Corrugating Co. (Glass Top), La Crosse, Wis.  
 Bailey Reflector Co. (Window), 617 2d av, Pittsburgh, Pa.  
 Basman A. M. & Co., 468 Fort W, Detroit, Mich.  
 Berger Bros. Co. ("Perfection," "Earle's" Revolving), 229 Arch, Phila., Pa.  
 Berger Mfg. Co. ("Buckeye" & "World"), Canton, O.  
 Bicalky Fan Co. ("Bi-Cal-Ky"), Buffalo, N. Y.

Bostwick C. G., Hartford, Conn.  
 Buckeye Mfg. Co., Canton, O.  
 Buffalo Forge Co. ("Buffalo"), Buffalo, N. Y.  
 Burt Mfg. Co. ("Burt"), 40 Main, Akron, Ohio  
 Burton W. J. Co., Junction & Leavitt av, Detroit, Mich.  
 Butler Mfg. Co., 906 6th av, S E, Minneapolis, Minn.  
 Cambridge Roofing Co. (Eureka), Cambridge, O.  
 Canton Art Metal Co., Canton, O.  
 Cedar Rapids Cornice Co., Cedar Rapids, Ia.  
 Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.  
 Chicago Ventilator & Iron Works, 838 Austin av, Chicago, Ill.  
 Covert H. W. Co. (Kitchen), 351 Lexington av, New York  
 Crook H. E. Co., Inc. (Copper & Galv Iron), 28 Light, Baltimore, Md.  
 Crown Ventilator Co. ("Crown"), Milwaukee, Wis.  
 Cushing D. & Son, Lowell, Mass.  
 Danzer Metal Works ("Danzer's" Rose Top), Hagerstown, Md.  
 Decatur Cornice & Roofing Co. ("Alabama" Corrugated Rim), New Decatur, Ala.  
 Denver Sheet Metal Works Co., Denver, Colo.  
 Dickinson Paul ("Dickinson" Cast Iron, for Round-Houses, Depots, Shops, etc), 3346 S. Artesian av, Chicago, Ill.  
 Dixie Culvert & Metal Co. ("Miami"), Atlanta, Ga.  
 Dowman-Dozier Mfg. Co. ("Dixie"), Atlanta, Ga.  
 Drouve G. Co. ("Drouve"), 40 Tulip, Bridgeport, Conn., & 180 N Dearborn, Chicago, Ill.  
**EDWARDS MFG. CO.** (Building & Skylight), 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*  
 Eller Mfg. Co. ("Konical"), Canton, O.  
 Ellis & Ford Mfg. Co. (Water Closet Ventilator), Detroit, Mich.  
 Fenn Ventilator Co. ("Fenn's Rotary"), 94 Blackstone, Boston, Mass.  
 Fisher Martin & Sons ("Fisher," Automatic), 438 Pearl, Buffalo, N. Y.  
 Follansbee Bros. Co. ("Keystone"), Pittsburgh, Pa.  
 Fouts C. C. Co. (Glass Top), 650 Woodlawn av, Middletown, O.  
 Friedley-Voshardt Co. (Inc.) ("Crescent"), 733 S Halsted, Chicago, Ill.  
 Galesburg Sheet Metal Works ("Gale" Barn & Granary), Galesburg, Ill.  
 Gara-McGinley Co., 23 S 17th, Phila., Pa.  
 Garry Iron & Steel Co. ("Skylite"), Niles, Ohio  
 Geddes Joseph ("Geddes" Ventilator & Chimney Cap), Rochester, N. Y.  
 Globe Ventilator Co. ("Globe" for Cars Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.  
 Goethel Alfred C., The (Not Inc.) (Ventilating Systems), 301-303 Fourth, Milwaukee, Wis.  
 Grissel J. P. Cornice Co., Cedar Rapids, Ia.  
 Hewitt Thos. J. (Rotary Screw), 57 Ann, New York  
 Highton Wm. & Sons Co., Nashua, N. H.  
 Hoffmann & Baur ("Columbia"), 279 Lake, Milwaukee, Wis.  
 Horner W. S. & Co., Oliver bldg, Pittsburgh, Pa.  
 Hungerford U. T. Brass & Copper Co. ("Royal," Copper & Galvanized Iron), 80 Lafayette, New York  
 Illinois Art Metal Co. ("Sifon"), Springfield, Ill.  
 Independent Register & Mfg. Co., Cleveland, O.  
 Iona Ventilator Co. ("Iona"), 2319 N. Laura, Phila., Pa.  
 Jersey City Galvanizing Co., 112 John, New York  
 Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.  
 Kernchen Co. ("Kernchen Siphonage"), 332 S Michigan av, Chicago, Ill.  
 Kernchen J. C., 105 S Dearborn, Chicago, Ill.  
 King Ventilating Co., Owatonna, Minn.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Knowles Mushroom Ventilator Co. (Mushroom Air Diffusers), 9 Church, New York  
 Kokomo Hardware Co., Kokomo, Ind.  
 Kries Henry A. & Sons Co., 8 W. Lombard, Baltimore, Md.





# UNO REVOLVING VENTILATORS

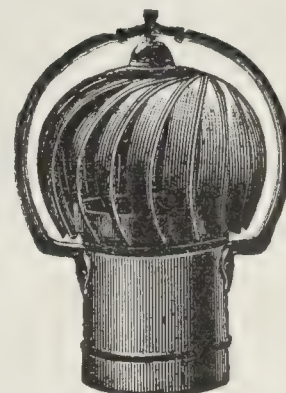
Made in Brass, Copper or Galvanized Iron (Painted)

(A SURE CURE for Smoky Chimneys)

ARE designed to meet the demand for a good Revolving Ventilator at a reasonable cost. They consist of a cylinder with malleable braces or arms in which revolves a head or fan attached to a steel spindle on hardened and adjusted steel bearings (in oil) making them perfectly noiseless and without friction. For creating a draft to a chimney they have no equal, and can be relied on to give perfect satisfaction. For ventilating Halls, Churches, Schools, Factories, Mills, Breweries, Foundries, Distilleries, etc., they are the best.

MANUFACTURED BY

**UNO VENTILATOR CO., NEWTON, N. H.**



Larson Bros. ("Larson" Suction), John-sonburg, Pa.

**LEE THOMAS** ("Lee's Improved Dam-pered"), 129 W 2d, Cincinnati, O.

Mack W. A. & Co., Lowell, Mass.

Mack Ventilator Co., Sweetland bldg., Cleveland, O.

Martin Metal Mfg. Co., Wichita, Kans.

Meek Oven Co., Newburyport, Mass.

**MERCHANT & EVANS CO.** ("Star"), 2035 Washington av., Phila., Pa.

See adv index at end of book

Mertz John Mfg. Co., Sandusky, O.

See adv index at end of book

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Messenger & Parks Mfg. Co. ("Acorn"), Aurora, Ill.

Metallic Mfg. Co. (Metallic), Camden, N. J.

Meurer Bros. Co. ("Anchor"), 575 Flush-ing av, Brooklyn, N. Y.

Milwaukee Corrugating Co. ("Milwaukee", "Nu-Air" & "Milcar"), Milwaukee, Wis.

Mudge & Co. ("Garland" for Cars, Build-ings, Factories, Boats, etc), 80 E Jack-son bldg., Chicago, Ill.

National Metallic Sash Co., 355 Union Park, Chicago, Ill.

National Skylight & Ventilator Co. ("Na-tional" Revolving), Rochester, N. Y.

New England Steel Roofing Co., Worces-ter, Mass.

New England Ventilating & Heating Co. ("Richardson" Revolving), 926 Man-ton av, Providence, R. I.

New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.

Ohio Blower Co. ("Swartout" Gravity Closing, Rotary Ball Bearing), Cleve-land, O.

Phillips & Buttorff Mfg. Co., Nashville, Tenn.

Pittsburgh Gage & Supply Co. ("Gaco" Roof), 30th & Liberty av, Pittsburgh, Pa.

Porter Iron Roofing & Corrugating Co. (Building & Skylight), 522 Culvert, Cincinnati, O.

Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.

Protective Ventilator & Screen Corp., 332 E. 23d, New York

Pullman Automatic Ventilator Mfg. Co. ("Pullman"), York, Pa.

Reeves Mfg. Co., Dover, O.

Riter Bros. & Co. ("Earle's"), 1022 Race, Phila., Pa.

Royal Ventilator Co. ("Royal"), 415 Lo-cust, Phila., Pa.

**SAGINAW SHEET METAL WORKS**, Saginaw, Mich.

St. John & Barquist Co., Des Moines, Ia.

St. Paul Roofing, Cornice & Ornament Co. ("St. Paul"), West St. Paul, Minn.

Sanitary Appliance Co., Neenah, Wis.

Schoedinger F. O. (Galvanized Iron, "Co-lumbus"), Columbus, O.

Schuessler Jno., Covington, Ky.

Scott Roofing & Mfg. Co. (Building & Skylight), 408 Culvert, Cincinnati, O.

South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.

Souther E. E. Iron Co. ("Columbia"), Klenlin & Hamburger, St. Louis, Mo.

Standard Ventilator Co. ("Standard" Portable Ventilator & Chimney Cap), Lewisburg, Pa.

Sterling Blower Co. ("Sterling"), Hart-ford, Conn.

**UNO VENTILATOR CO.** ("Uno" Revolv-ing made in Brass, Copper or Galvan-ized Iron Painted), Newton, N. H.

See adv index at end of book

Van Noorden E. & Co., 100 Magazine, Boston, Mass.

Walker Sheet Metal Co., Council Bluffs, Iowa

Washburne Edw. G. & Co. (Rotary Screw), 207 Fulton, New York

Waterloo Mfg. Co., Waterloo, Ia.

Watson James H. Co., Bradley, Ill.

Weimer C. A. ("Imperial"), Lorain, O.

Wheeling Metal & Mfg. Co., Wheeling, W. Va.

Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.

Willis Mfg. Co. ("Willis"), Galesburg, Ill.

Wilson Andrew Co., 616 Essex, Laurence, Mass. See adv index at end of book

Wooden Ventilator Co. (Wooden Ventilator Faces), East Palestine, O.

**16479-80—Ventilator & Skylight Combined**

Burt Mfg. Co., 40 Main, Akron, O.

Cedar Rapids Cornice Co., Cedar Rapids, Ia.

Chattanooga Roofing & Fdry. Co., Chatta-nooga, Tenn.

Dowman-Dozier Mfg. Co., Atlanta, Ga.

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.

Eller Mfg. Co., Canton, O.

Garry Iron & Steel Co. ("Skylite"), Niles, Ohio

Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.

Goethel Alfred C. Co., The (Not Inc.), 301-303 4th, Milwaukee, Wis.

Kanneberg Roofing & Ceiling Co., Canton, Ohio

Martin Metal Mfg. Co., Wichita, Kan.

**MERCHANT & EVANS CO.**, 2035 Wash-ington av, Phila., Pa.

See adv index at end of book

Mertz John Mfg. Co., Sandusky, O.

See adv index at end of book

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Royal Ventilator Co. ("Royal"), 415 Lo-cust, Phila., Pa.

Superior Cornice & Skylight Works ("Su-perior" Automatic & Skylight), 214 E 127th, New York

Thompson J. D. Co., 2609 Penna av, N. W., Washington, D. C.

Waterloo Mfg. Co., Waterloo, Ia.

Watson James H. Co., Bradley, Ill.

Weis Henry Cornice Co., Kansas City, Mo.

Wheeling Metal & Mfg. Co., Wheeling, W. Va.

Willis Mfg. Co., Galesburg, Ill.

Wilson Andrew Co., 616 Essex, Laurence, Mass. See adv index at end of book

**16481— Ventilators (Barn)**

Badger Steel Roofing & Corrugating Co., 214 S 2d, La Crosse, Wis.

Duluth Corrugating & Roofing Co. (Glass or Plain Top), Duluth, Minn.

**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.

See adv index at end of book

Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.

Grissel J. P. Cornice Co., Cedar Rapids, Iowa

La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.

Milwaukee Corrugating Co., Milwaukee, Wis.

Royal Ventilator Co. ("Royal"), 415 Lo-cust, Phila., Pa.

**UNO VENTILATOR CO.** ("Uno" Revolv-ing), Newton, N. H.

See adv index at end of book

Waterloo Mfg. Co., Waterloo, Ia.

Willis Mfg. Co. ("Willis"), Galesburg, Ill.

**16482—Ventilators (Brick Wall)**

American Scale Co., Kansas City, Mo.

Decatur Cornice & Roofing Co., New De-catur, Ala.

Highton Wm. & Sons Co., Nashua, N. H.

Pullman Automatic Ventilator Mfg. Co., York, Pa.

Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York

**16483— Ventilators (Car)**

Automatic Ventilator Co. ("Automatic"), 2 Rector, New York

Dowman-Dozier Mfg. Co. ("Dixie"), At-lanta, Ga.

Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.

Gold Car Heating & Lighting Co. ("Gold's Cyclone" for Passenger & Refrigerator Cars), 17 Battery pl, New York

Holden & White, Fisher bldg., Chicago, Ill.

Perry Ventilator Corp., (For Passenger Cars & Bus Bodies), 200 Devonshire, Boston, Mass.

Railway Utility Co. ("Utility"), 721 Ful-ton, Chicago, Ill.

Ross Wortham Co. ("Garland"), McCor-mick bldg, Chicago, Ill.

Royal Ventilator Co. ("Royal"), 415 Lo-cust, Phila., Pa.

Standard Heat & Ventilation Co., 141 Ce-dar, New York

Vacuum Car Ventilating Co. ("Cooks" System), 111 S. Jefferson, Chicago, Ill.

**16484— Ventilators (Closet)**

American Blower Co., 1400 Russell, De-troit, Mich.

Pullman Automatic Ventilating Mfg. Co., York, Pa.

**16485—Ventilators (Cupola)**

Grissel J. P. Cornice Co., Cedar Rapids, Iowa.

Libby C. A. Co., Oshkosh, Wis.

Messenger & Parks Mfg. Co. ("Aurora" for Theatres & Public Structures, etc), Aurora, Ill.

Milwaukee Corrugating Co., Milwaukee, Wis.



**16485a—\*Ventilators (Foundry)**

**UNO VENTILATOR CO.** ("Uno" Revolving), Newton, N. H.  
*See adv index at end of book*

**16486—Ventilators (Mine)**

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.  
Jeffrey Mfg. Co. (Apparatus For) 961 N. Fourth, Columbus, O.  
*See adv index at end of book*  
Schutte & Koerting Co. ("Koerting"), 1251 N 12th, Phila., Pa.

**16486a—\*Ventilators (Revolving)**

**UNO VENTILATOR CO.** ("Uno"), Newton, N. H.  
*See adv index at end of book*

**16487—Ventilators (Sash Lift)**

Pullman Automatic Ventilator Mfg. Co., York, Pa.

**16488—Ventilators (Ship)**

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.  
Autoforce Ventilating System ("Autoforce"), 53 Devonshire, Boston, Mass.  
Bishop's Wm. Sons, 18 James, New York  
Fenn Ventilator Co. ("Fenn" Rotary), 94 Blackstone, Boston, Mass.  
Globe Ventilator Co. ("Globe," for Cars, Buildings, Factories, Power Houses, Boats, etc), Troy, N. Y.  
Goblet Wm. H., 32 Old Slip, New York  
Sands Alfred B. & Son Co., 20 Vesey, New York  
Young Bros. Co., Detroit, Mich.

**16489—Ventilators (Sidewalk)**

American 3-Way Prism Co., La Porte, Ind.

**16490—Ventilators (Stained Glass Window)**

Deissler P. & Bro. ("Deissler" Pivoted), 249 S 6th, Phila., Pa.

**16491—Ventilators (Stove Pipe)**

Badger Steel Roofing & Corrugating Co., La Crosse, Wis.  
Brodin Pattern & Supply Works, 2418 W. 16th, Chicago, Ill.  
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.

**16492—Ventilators (Water Closet)**

American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.  
Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.  
Sanitary Appliance Co. ("Cyclone"), Neenah, Wis.  
**UNO VENTILATOR CO.** ("Uno" Revolving), Newton, N. H.  
*See adv index at end of book*

**16493—Ventilators (Window)**

Aeroshade Co. (Splint Fabric), Waukesha, Wis.  
Alexander Window Ventilator Mfg. Co. Spartanburg, S. C.  
American Blower Co. ("Sirocco"), 1400 Russell, Detroit, Mich.  
Autoforce Ventilating System ("Autoforce"), 55 Devonshire, Boston, Mass.  
Automatic Ventilator Co. ("Automatic"), 2 Rector, New York  
Bailey Reflector Co., 617 2d av, Pittsburgh, Pa.  
Bohem Mfg. Co. (Adjustable Pressed Steel), Phila., Pa., & T. A. Burton, rep., 1414 Federal, New York  
Continental Co., Penobscot bldg, Detroit, Mich.  
Field's Chas. J. Sons, 633 Market, Phila., Pa.  
Garner Ventilating Co. (Mechanical), 136 Liberty, New York  
**GERDES T. N.** (Electric & Pullman), 123 Liberty, New York

**Electric Window Ventilators****Positive Ventilation****T. N. GERDES**

123 Liberty St., N. Y. C.

Higgin Mfg. Co., Newport, Ky.  
Ideal Ventilator Co. ("Ideal"), 370 Waterman, Providence, R. I.  
Kernchen Co. ("Gilmore Non-Intake"), 332 S Michigan av, Chicago, Ill.  
Lawrence Bros. (Steel), Sterling, Ill.  
Lawson F. H. Co. ("Lawco"), Cincinnati, O.  
Manhattan Perfected Ventilators Co., 11 Baxter, New York  
Monarch Ventilator Co. ("Monarch" Power), 30 Church, New York  
Morse L. & Sons ("Morse" Adjustable), Athol, Mass.  
Protective Ventilator & Screen Corp. (Revolving, etc), 332 E. 23d, New York  
Pullman Automatic Ventilating Mfg. Co., (For Either Top or Bottom), York, Pa.  
Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.  
Tuttle & Bailey Mfg. Co., 52 Vanderbilt av, New York  
Universal Ventilating Co. ("Universal," "Shurnuf"), 14th & Oak, Kansas City, Mo.

**16494—Vents (Core)**

United Compound Co. (Vent Wax), 178 Ohio, Buffalo, N. Y.

**16495—Vents (Trap)**

Dubois F. N. & Co. ("McClellan"), 247 9th av, New York  
Fries & Co. ("Smith"), 91 Main, Buffalo, N. Y.  
Haydenville Co., Haydenville, Mass.  
Renton G. W. ("Renton" Safety Anti-Syphon), 28 Johnson av, Brooklyn, N. Y.

**16496—Veratrine**

Hoffmann-La Roche Chemical Works, 440 Washington, New York

**16497—Verdigris**

Bird J. A. & W. & Co. (Imp. Pure Powdered French), 88 Pearl, Boston, Mass.  
Bischoff C. & Co. (Imp), 451 Washington, New York  
Drakenfeld B. F. & Co. (Imp), 50 Murray, New York

**16498—Vermillion**

Moser Chas. Co., Cincinnati, O.

**16499—Vestibules (Car)**

Brill J. G. Co., 62d & Woodland av, Phila., Pa.  
Gould Coupler Co., 36 E 42d, New York  
McConway & Torley Co., 48th & A. V. R. R., Pittsburgh, Pa.  
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.

**16500—Vials (Glass)**

Doerr Glass Co. (Finished), Vineland, N. J.  
Freas Francis L., Conshohocken, Pa.  
Kimble Glass Co., 402 W. Randolph, Chicago, Ill.  
Ruth Glass Co., Conshohocken, Pa.  
Vineland Scientific Glass Co. (Finished), Vineland, N. J.

**16501—Vials (Homeopathic)**

Doer Glass Co. (Finished), Vineland, N. J.  
Freas Francis L., Conshohocken, Pa.  
Illinois Glass Co., Alton, Ill.  
Kimble Glass Co., 402 W. Randolph, Chicago, Ill.  
Paca Glass Co., 424 W. Conway, Baltimore, Md.

Vineland Scientific Glass Co. (Finished), Vineland, N. J.

**16501a—\*Vials (Wooden)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**16502—Vibrators (Foundry)**

Arcade Mfg. Co., Freeport, Ill.  
Berkshire Mfg. Co. ("Berkshire"), Cleveland, O.  
Buckeye Products Co., Cincinnati, O.  
Magnetic Mfg Co. (Electric), Enterprise bldg., Milwaukee, Wis.  
Malleable Iron Fittings Co., Branford, Conn.  
Manitowoc Electric Implement Co., Manitowoc, Wis.  
Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.  
Pressed Steel Co. ("L. & A."), Muskegon, Mich.  
Tessmer Machine & Tool Co., 285 Rivard, Detroit, Mich.  
Whitehead Bros. Co. ("Little Giant"), 537 W 27th, New York

**16503—Vibrators (Massage)**

Allison W. D. Co. ("Bihlmair"), Indianapolis, Ind.  
Arnold Electric Co. ("Arnold" Electric), Racine, Wis.  
Baker Electric Co., Hartford, Conn.  
Barker James ("Barker"), 6th & Cayuga, Phila., Pa.  
Betz Frank S. Co., Hammond, Ind.  
Birtman Electric Co. ("Bee"), 1422 Bryan, Chicago, Ill.  
Crown Surgical Instrument Co., 798 8th av, New York  
Electric Mfg. Co., 59 New Montgomery, San Francisco, Cal.  
Eureka Vibrator Co. ("Vibro-Life" Hand Power), 131 W 42d, New York  
Fisher Adam Mfg. Co. ("Magic" Vacuum), St. Louis, Mo.  
Geier P. A. Co. ("Rex," Electric), Cleveland, O.  
Globe Manufacturing Co. (Compressed Air, etc), Battle Creek, Mich.  
Haas R. Electric & Mfg. Co. ("Ideal"), Springfield, Ill.  
Hamilton-Beach Mfg. Co., Racine, Wis.  
Horn Electric Co., 110 S Desplaines, Chicago, Ill.  
Hughes J. W. Co., 110 E 23d, New York  
Kny-Scheerer Co. (Physicians), 404 W 27th, New York  
Lindstrom Smith Co. ("White Cross" Electric), 1104 S Wabash, Chicago, Ill.  
McIntosh Battery & Optical Co., 217 N. Drexel, Chicago, Ill.  
Manhattan Electrical Supply Co. ("Premier," "Gem," Battery Type "Morrison," "Reliance"), 17 Park pl, New York  
Marshall Vibrator Co., 141 W 36th, New York  
Meyer Wm. Co., 817 Washington, Chicago, Ill.  
National Electrical Mfg. Co., 1161 B'way, New York  
New Britain Mfg. Co. ("Red Devil"), New Britain, Conn.  
Schunck & Ogg ("Fraley," "Ajex," "Torpedo" Electric Hand), 235 Canal, New York  
Shelton Electric Co. ("Gentry" Electric), 30 E 42d, New York  
Southern Electric Co. ("American"), 1100 Pine, St. Louis, Mo.  
Stolz Electrophone Co., 5 N Wabash av, Chicago, Ill.  
Strand N. A. & Co., 631 W. Jackson blvd, Chicago, Ill.  
Universal Novelty Wks. ("Vibrosimplex"), 147 W. 23d, New York  
Vibrassage Co., 659 Wells, Chicago, Ill.  
Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.  
Waite & Bartlett Mfg. Co. (Electric Pneumatic), 252 W 29th, New York  
Wappler Electric Co., 173 E. 87th, New York

**16503a—Vine Trainers (Wire)**

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

**16504—Viscosimeters**

Bausch & Lomb Optical Co., Rochester, N. Y.



Elmer & Amend ("Engler's," "Doolittle's," Improved, etc), 205 3d av, New York  
 Feidt Geo. D. & Co. ("Doolittle's" Tor-sion), 244 N 5th, Phila., Pa.  
 Olsen Tinius Testing Machine Co., 500 N 12th, Phila., Pa.  
 Tagliabue Chas. J. Mfg. Co., ("Saybolt" Samplers, "Tag" Flask Testers, "Engler"), 20 33d, Brooklyn, N. Y.

### 16505—Vise Drilling Attachments

Goodell-Pratt Co., Greenfield, Mass.  
 Prentiss Vise Co., 110 Lafayette, New York

### 16506— Vise Pipe Grip

Athol Machine Co. ("Standard" to be At-tached or Inserted to Jaws of a Vise for Making Pipe Vise), Athol, Mass.

### 16507—Vise Stands (Portable)

New Britain Machine Co. ("New Bri-tain"), 190 Chestnut, New Britain, Conn.  
 Western Tool & Mfg. Co. ("Champion"), Springfield, O.

### 16508— Vises (Amateur)

Athol Machine Co., Athol, Mass.  
 Columbian Hardware Co., Cleveland, O.  
 Grey Iron Casting Co., Mt. Joy, Pa.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Stanley Rule & Level Co. ("Jersey") New Britain, Conn.  
 Yost G. M. Mfg. Co., Meadville, Pa.

### 16509—Vises (Anvil, Etc., Combina-tion)

See also Anvil & Vise, Combined  
 Bonney Vise & Tool Works, Allentown, Pa.  
*See adv index at end of book*  
 Columbian Hardware Co., Cleveland, O.  
 Fulton Iron Works, Detroit, Mich.  
 Howard Iron Works, Buffalo, N. Y.  
 Millers Falls Co., 28 Warren, New York  
 Newhall Chain, Forge & Iron Co. ("Tri-dent"), 89 West, New York  
 Phoenix Hardware Co., Buffalo, N. Y.  
 Prentiss Vise Co., 110 Lafayette, New York  
 Reading Saddle & Mfg. Co. (Household), Reading, Pa.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sargent & Co., New Haven, Conn.  
 Stowell Co. The, ("Harrison," 5 Tools in One), S. Milwaukee, Wis.  
 Warren Tool & Forge Co., Warren, O.  
 Yost G. M. Mfg. Co., Meadville, Pa.

### 16510— Vises (Automobile)

Columbian Hardware Co., Cleveland, O.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Yost G. M. Mfg. Co., Meadville, Pa.

### 16511— Vises (Ball)

Muehlmann Adolph ("Rex" Universal), 17 Lion bldg, Cincinnati, O.

### 16512— Vises (Band Saw)

Atkins E. C. & Co., Indianapolis, Ind.  
 Edge Frank & Co., Grand Rapids, Mich.  
 Grammes L. F. & Sons, Allentown, Pa.  
 New Britain Machine Co. ("New Bri-tain"), 190 Chestnut, New Britain, Conn.  
 Oliver Machinery Co. (Band Saw Filing), Grand Rapids, Mich.

### 16513— Vises (Bench)

See also Vises, Machinists; Vises, Wood-working  
 Abernathy Vise & Tool Co. Co. (Rapid Act-ing, Woodworkers' Vises), 227 Engle-wood av, Chicago, Ill.  
 Athol Machine Co. ("Simpson" Standard, "Starrett Improved" and "Athol"), Athol, Mass.  
 Aurora Door Hanger & Specialty Co. (Quick Acting Machinists' & Wood-workers'), Aurora, Ill.  
 Barbour Stockwell Co. (Screw, the "Chandler" & "Washburn"), Cam-bridge, Mass.  
 Blissfield Motor Works ("Davenport" Tilt-ing), Blissfield, Mich.

**BONNEY VISE & TOOL WORKS** ("Bon-ney" & "Champion", "Lehigh"), Al-lentown, Pa. *See adv index at end of book*  
 Columbian Hardware Co. (Machinists, "Columbian," etc), Cleveland, O.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Emmert Mfg. Co. ("Tiger"), Waynesboro, Pa.

Erie Tool Works, Erie, Pa.  
 Fisher & Norris ("Fisher"), Trenton, N. J.  
 Fulton Machine & Vise Co. ("Peerless," "Fulton" Swivel), Lowville, N. Y.  
 Globe Vise & Truck Co., Grand Rapids, Mich.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Hollands Mfg. Co. ("Keystone"), 352 E 18th, Erie, Pa.  
 Howard Iron Works (Fixed & Swivel), Buffalo, N. Y.  
 Illinois Iron & Bolt Co. (Machinists, etc), Carpentersville, Ill.  
 Ingersoll-Rand Co., 11 B'way, New York  
*See adv index at end of book*  
 Irving Mfg. & Tool Co., 157 Chambers, New York  
 Massey Vise Co., 325 W Ohio, Chicago, Ill.  
**MERRILL BROS.** (Steel Bar, Parallel Jaws, Swivel Base), 3 Arnold, Mas-peth (Borough of Queens), New York  
*See adv index at end of book*  
 Millers Falls Co., 28 Warren, New York  
 North Bros. Mfg. Co. ("Yankee"), Lehigh & American, Phila., Pa.  
 Oliver Machy. Co., Grand Rapids, Mich.  
 Parker Chas. Co., Meriden, Conn.  
 Phoenix Hardware Co., Buffalo, N. Y.  
 Prentiss Vise Co. ("Prentiss"), 110 Lafa-yette, New York  
 Reed Mfg. Co., Erie, Pa.  
 Richards-Wilcox Mfg. Co. ("Wilcox" Woodworking Rapid Acting), Aurora, Ill.  
 Rock Island Mfg. Co. ("Rock Island," Automatic Swivel, Lock Jaw), Rock Island, Ill.  
 Sargent & Co., New Haven, Conn.  
 Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.  
 Star Specialty Mfg. Co., 227 W Erie, Chi-cago, Ill.  
 Stearns E. C. & Co. ("Stearns" Gypsy Pat-tern & Oval Slide), 450 Oneida, Syra-cuse, N. Y.  
 Superior Tool Co. ("Du Charme" Quick Adjusting), Cambridge, O.  
 Toles W. C. Co., 4034 N Tripp av, Chicago, Ill.  
 Walworth Mfg. Co. ("Walworth"), Bos-ton, Mass.  
 Yost G. M. Mfg. Co. ("Yost" Solid & Ad-justable Jaw, also Pattern Makers' Vises), Meadville, Pa.

### 16514— Vises (Bicycle)

Columbian Hardware Co., Cleveland, O.  
 Massey Vise Co., 325 W Ohio, Chicago, Ill.  
 Phoenix Hardware Co., Buffalo, N. Y.  
 Prentiss Vise Co., 110 Lafayette, New York  
 Yost G. M. Mfg. Co., Meadville, Pa.

### 16515— Vises (Blacksmiths')

Columbian Hardware Co., Cleveland, O.  
**COLUMBUS FORGE & IRON CO.**, Col-umbus, O. *See adv index at end of book*  
 Fisher & Norris ("Fisher"), Trenton, N. J.  
 Howard Iron Works, Buffalo, N. Y.  
 New London Vise Works, New London, Conn.  
 Rock Island Mfg. Co. ("Rock Island" Au-tomatic Swivel), Rock Island, Ill.  
 Warren Tool & Forge Co., Warren, O.

### Vises (Cabinet Makers')

See Vises, Coachmakers' or Woodworkers'

### 16516—Vises (Carpet & Oil Cloth)

Kraeuter & Co., 583 18th av, Newark, N. J.  
 Osborne C. S. & Co. ("Kelly"), Harrison, N. J.

### 16517—Vises (Chain Pipe)

Ellis & Ford Mfg. Co. ("Ellis"), Detroit, Mich.  
 Erie Tool Works, Erie, Pa.  
 Williams J. H. & Co. ("Vulcan" Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

### 16518— Vises (Chipping)

Columbian Hardware Co., Cleveland, O.  
 Hollands Mfg. Co. ("Keystone"), 352 E 18th, Erie, Pa.  
 Prentiss Vise Co. (Heavy Chipping), 110 Lafayette, New York  
 Yost G. M. Mfg. Co. (Heavy Chipping), Meadville, Pa.

### 16519— Vises (Clamp)

Athol Machine Co., ("Standard", "Super-ior" & "Starrett"), Athol, Mass.  
 Columbian Hardware Co., Cleveland, O.  
 Millers Falls Co. (Oval Slide), 28 Warren, New York  
 Phoenix Hardware Co., Buffalo, N. Y.  
 Prentiss Vise Co., 110 Lafayette, New York  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.  
 Stearns E. C. & Co., 450 Oneida, Syracuse, N. Y.  
 Yost G. M. Mfg. Co., Meadville, Pa.

### 16520—Vises (Coach Makers' or Wood-Workers')

Athol Machine Co. ("Simpson"), Athol, Mass.  
 Barrett Machine Tool Co., Meadville, Pa.  
 Billings & Spencer Co., Hartford, Conn.  
**BLISS R. MFG. CO.** (J. H. O'Neil succes-sor), (Carpenters), Pawtucket, R. I.  
*See adv index at end of book*  
 Bonney Vise & Tool Works, Allentown, Pa.  
*See adv index at end of book*  
 Columbian Hardware Co., Cleveland, O.  
 Fisher & Norris ("Fisher" Quick Acting Wood Worker), Trenton, N. J.  
 General Machine Works, York, Pa.  
 Globe Vise & Truck Co., Grand Rapids, Mich.  
 Hollands Mfg. Co. ("Hollands" & "Penn"), 352 E 18th, Erie, Pa.  
 Illinois Iron & Bolt Co., Carpentersville, Ill.  
 Massey Vise Co., 325 W Ohio, Chicago, Ill.  
 New London Vise Works ("Hyde's"), New London, Conn.  
 Oliver Machinery Co., Grand Rapids, Mich.  
 Parker Chas. Co., Meriden, Conn.  
 Prentiss Vise Co. ("Bingham," "Shep-ard"), 110 Lafayette, New York  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Timmins & Clissold, Bound Brook, N. J.  
 Toles W. C. Co. (Rapid Acting), 4034 N Tripp av, Chicago, Ill.  
 Wyman-Gordon Co. (Quick Action Wood Worker), Worcester, Mass.  
 Yost G. M. Mfg. Co. ("Yost" Pattern Makers), Meadville, Pa.

### Vises (Combination, Anvil, Etc.)

See Anvil, Vise & Drill Combined

### Vises (Combination, Drill, Etc.)

See Vises, Anvil, etc, Combination

### 16521— Vises (Cutters')

New London Vise Works, New London, Conn.

### 16522—Vises (Drilling Machine)

Adams Co. ("The Diamond"), Dubuque, Iowa  
 Aetna Mfg. Co. ("Aetna" Three Way), Attleboro, Mass.  
 Armstrong Bros. Tool Co. ("Armstrong" Quick Action), 339 N Francisco av, Chicago, Ill.  
 Blissfield Motor Works ("Davenport" Tilt-ing for Drill Presses), Blissfield, Mich.  
 Carter & Hakes Machine Co. (Screw), Winsted, Conn.  
 Cincinnati-Bickford Tool Co. ("Cincin-nati"), Cincinnati, O.  
 Columbian Hardware Co., Cleveland, O.  
 Frederick Machine Works, Norwalk, O.

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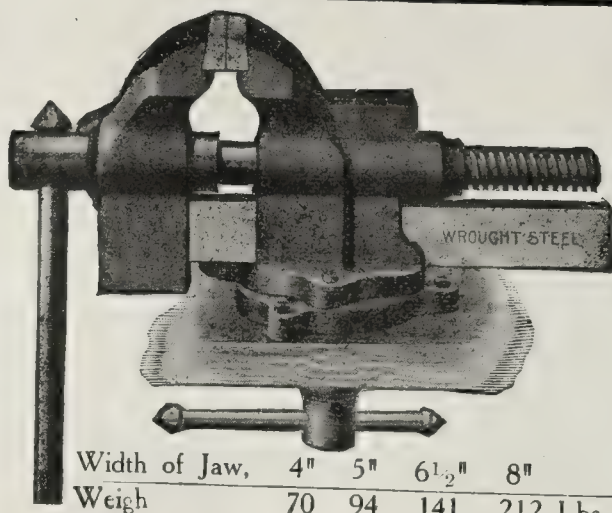


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**MERRILL BROS.**, 3 Arnold St., MASPETH, New York City

Hoggson & Pettis Mfg. Co. (Drill Press), New Haven, Conn.  
Massey Vise Co., 325 W Ohio, Chicago, Ill.  
Mather & Waechter, 105th & Quebec av, Cleveland, O.  
Millers Falls Co. ("Alford"), 28 Warren, New York  
Mohn W. D. & Co. ("Mohn"), Reading, Pa.  
North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.  
North Wales Machine Co., North Wales, Pa.  
Plunket Jas. E. ("Plunket" Drill Press), 1342 W Lake, Chicago, Ill.  
Rock Island Mfg. Co., Rock Island, Ill.  
St. Louis Sales Co. ("Quick Action"), Chemical bldg, St. Louis, Mo.  
Schuchardt & Schutte ("S. & S." Divided), 90 West, New York  
Sellew Machine Tool Co. ("Universal"), Pawtucket, R. I.  
Skinner Chuck Co. ("Skinner"), New Britain, Conn.  
Sunderland Machinery & Supply Co., Omaha, Neb.  
Union Tool Co. ("Hill for Drill Press"), Orange, Mass.  
Wilcox Mfg. Co., 4824 W Lake, Chicago, Ill.  
Yost G. M. Mfg. Co., Meadville, Pa.

### 16523—Vises (Farmers')

Athol Machine Co., Athol, Mass.  
Columbian Hardware Co. ("Columbian"), Cleveland, O.  
Parker Chas. Co., Meriden, Conn.  
Phoenix Hardware Co., Buffalo, N. Y.  
Rock Island Mfg. Co., Rock Island, Ill.  
Yost G. M. Mfg. Co., Meadville, Pa.

### 16524—Vises (Foot, Blacksmiths')

Columbian Hardware Co., Cleveland, O.  
Illinois Iron & Bolt Co. ("Rice"), Carpentersville, Ill.  
New London Vise Works, ("Hyde's" Horse Shoers'), New London, Conn.  
Noyes B. B. & Co. ("Little Giant," Vise & Bolt Header Combined), Greenfield, Mass.

### 16525—Vises (Hand)

See also Vises, Pin

Athol Machine Co. ("Boss," "Standard"), Athol, Mass.  
Billings & Spencer Co. ("Billings"), Hartford, Conn.  
Bonney Vise & Tool Works (Swivel Bench & Hand Vise Combined), Allentown, Pa. See adv index at end of book  
Braunsdorf-Mueller Co., Elizabeth, N. J.  
Columbian Hardware Co., Cleveland, O.  
Dikeman Mfg. Co. (Hard Wood Handle), S Norwalk, Conn.  
Goodell-Pratt Co., Greenfield, Mass.  
Grey Iron Casting Co., Mt. Joy, Pa.  
Illinois Iron & Bolt Co., Carpentersville, Ill.  
Irving Mfg. & Tool Co., 157 Chambers, New York

Kilborn & Bishop Co. ("K. & B."), New Haven, Conn.

### LOWELL WRENCH CO. ("Lowell"), 54 Commercial, Worcester, Mass.

See adv index at end of book  
Malleable Iron Fittings Co. ("M. I. F. Co." Hand & Bench), Branford, Conn.  
Millers Falls Co. ("Alford"), 28 Warren, New York  
Phoenix Hardware Co., Buffalo, N. Y.  
Reading Saddle & Mfg. Co. (Household), Reading, Pa.  
Robinson M. W. Co. ("Rollis"), 203 37th, Brooklyn, N. Y.  
Rock Island Mfg. Co., Rock Island, Ill.  
Schuchardt & Schutte, 90 West, New York  
Smith Otis A. (Hand, with Parallel Jaw), Rockfall, Conn.  
Try-Me Mfg. Co. (Also with Combination Wrench), Springfield, Mass.

### 16526—Vises (Horseshoers')

Burke P. F., Damrell S., Boston, Mass.  
Butts & Ordway Co. ("Sure Grip"), 33 Purchase, Boston, Mass.  
Champion Tool Co. ("Champion" Foot), Meadville, Pa.  
Columbian Hardware Co., Cleveland, O.  
Iron City Tool Works, Ltd. (Solid Box), 3201 Smallman, Pittsburgh, Pa.

### 16527—Vises (Jewelers')

Athol Machine Co. ("Standard," "Simpson," "Starrett" and "Athol"), Athol, Mass.  
Kendrick-Davis Co. ("K.-D."), Lebanon, N. H.  
LOWELL WRENCH CO. ("Lowell" Pin), 54 Commercial, Worcester, Mass.  
See adv index at end of book  
Parker Chas. Co., Meriden, Conn.  
Phoenix Hardware Co., Buffalo, N. Y.  
Prentiss Vise Co., 110 Lafayette, New York  
Rock Island Mfg. Co., Rock Island, Ill.  
Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.  
Worthington & Raymond (Imp), 47 John, New York  
Yost G. M. Mfg. Co., Meadville, Pa.

### 16528—Vises (Linemen's)

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.  
Dicke Tool Co., Downers Grove, Ill.

### 16529—Vises (Machinists')

Adams Co. ("Diamond" Parallel Jaw), Dubuque, Ia.  
Athol Machine Co. ("Starrett's Improved," "Simpson" & "Standard" Parallel Jaw, also Stationary Swivel Jaw & Swivel Base), Athol, Mass.  
Aurora Door Hanger & Specialty Co., Aurora, Ill.

Barrett Machine Tool Co. (Adjustable Jaw, Swivel Bottom & Parallel), Meadville, Pa.

Bonney Vise & Tool Works (Parallel "Ajax," "Hercules"), Allentown, Pa.

See adv index at end of book  
Columbian Hardware Co. (Parallel Jaw), Cleveland, O.

Emmert Mfg. Co. ("Emmert" Universal Parallel Jaw), Waynesboro, Pa.

Erie Tool Works, Erie, Pa.

Fisher & Norris ("Fisher" Quick Acting), Trenton, N. J.

Fulton Machine & Vise Co., Lowville, N. Y.

Hollands Mfg. Co. ("Hollands" & "Penn" Parallel & Swivelling Jaw), 352 E 18th, Erie, Pa.

Holmes Mfg. Co., Shelton, Conn.

Howard Iron Works (Parallel Jaw), Buffalo, N. Y.

Illinois Iron & Bolt Co. (Swivel Self-Adjusting & Parallel), Carpentersville, Ill.

Massey Vise Co., 325 W Ohio, Chicago, Ill.

MERRILL BROS. (Parallel Jaw), 3 Arnold, Maspeth (Borough of Queens), New York See adv index at end of book

Millers Falls Co., 28 Warren, New York

New Britain Machine Co. ("New Britain"), 190 Chestnut, New Britain, Conn.

North Bros. Mfg. Co. ("Yankee"), Lehigh av & American, Phila., Pa.

Parker Chas. Co. ("Victor" Parallel & Swivelling Jaw), Meriden, Conn.

Phoenix Hardware Co., Buffalo, N. Y.

Plunket James E., 1342 W Lake, Chicago, Ill.

Prentiss Vise Co. (Parallel & Swivelling Jaw), 110 Lafayette, New York

Reed Mfg. Co. (Parallel & Swivelling Jaw), Erie, Pa.

Rock Island Mfg. Co. ("Rock Island" Automatic Swivel), Rock Island, Ill.

Sargent & Co., New Haven, Conn.

Schuchardt & Schutte ("S. & S." Divided Machine Vises), 90 West, New York

Stanley Rule & Level Co. ("Jersey"), New Britain, Conn.

Union Tool Co. ("Hill" Parallel Jaw), Orange, Mass.

Yost G. M. Mfg. Co. ("Yost," "Gem," & "Stephen's"), Meadville, Pa.

### 16530—Vises (Manual Training)

Columbian Hardware Co., Cleveland, O.  
Emmert Mfg. Co. ("Eureka"), Waynesboro, Pa.  
Rock Island Mfg. Co., Rock Island, Ill.  
Yost G. M. Mfg. Co. ("Yost"), Meadville, Pa.

### 16531—Vises (Milling Machine)

Aetna Mfg. Co. ("Aetna" Three Way), Attleboro, Mass.  
BECKER MILLING MACHINE CO., Hyde Park, Mass.  
Bilton Machine Tool Co. (The), ("Bilton"), Bridgeport, Conn.  
Blissfield Motor Works ("Davenport" Tilting), Blissfield, Mich.  
Brown Engineering Co. ("Utility"), Reading, Pa. See adv index at end of book  
Brown & Sharpe Mfg. Co., Providence, R. I.  
Carter & Hakes Machine Co. (Quick Operating Lever & Screw), Winsted, Conn.  
Cincinnati Milling Machine Co., Cincinnati, O.  
Fox Machine Co., Jackson, Mich.  
Frederick Machine Wks., 460 Foster av, Norwalk, Conn.  
Garvin Machine Co., 147 Varick, New York  
Hendey Machine Co. ("Hendey"), Torrington, Conn.  
Kearney & Trecker, Milwaukee, Wis.  
Kemp Smith Mfg. Co., West Allis, Wis.  
Le Blond R. K. Mach. Tool Co., Cincinnati, O.  
Massey Vise Co., 325 W Ohio, Chicago, Ill.  
Maback Tool & Machine Mfg. Co. ("Maback" Plain & Swivel), Cambridge, Mass.  
North Wales Machine Co., North Wales, Pa.  
Oesterlein Machine Co., Cincinnati, O.  
Plunkett Jas. E. ("Plunket"), 1342 W. Lake, Chicago, Ill.  
Pratt & Whitney Co., Hartford, Conn.  
Rock Island Mfg. Co., Rock Island, Ill.  
Schuchardt & Schutte ("S. & S." Divided), 90 West, New York  
Union Tool Co. ("Hill"), Orange, Mass.  
Whitney Mfg. Co., Hartford, Conn.



**16532—Vises (Oval Slide)**

Athol Machine Co., Athol, Mass.  
 Parker Chas. Co., Meriden, Conn.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sargent & Co., New Haven, Conn.  
 Yost G. M. Mfg. Co., Meadville, Pa.

**16533—Vises (Parallel)**

See also Vises, Bench

Barrett Machine Tool Co., Meadville, Pa.  
 Columbia Hardware Co., Cleveland, O.  
 Fisher & Norris ("Fisher" Double Screw),  
 Trenton, N. J.  
 Hollands Mfg. Co. ("Hollands" & "Penn"),  
 352 E 18th, Erie, Pa.  
 Massey Vise Co., 325 W Ohio, Chicago, Ill.  
**MERRILL BROS.** (Steel Bar), 3 Arnold,  
 Maspeth (Borough of Queens), New  
 York. See adv index at end of book  
 Parker Chas. Co., Meriden, Conn.  
 Prentiss Vise Co. ("Bull-Dog"), 110 Lafay-  
 ette, New York  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Sargent & Co., New Haven, Conn.  
 Schuchardt & Schutte, 90 West, New York  
 Yost G. M. Mfg. Co., Meadville, Pa.

**Vises (Pattern Makers')**

See Vises, Coach Makers' or Wood Work-  
 ers; also Vises, Bench

**16534—Vises (Picture Frame)**

Rockford Mitre Box Co. ("Star"), Rock-  
 ford, Ill.

**16535—Vises (Pin)**

See also Vises, Hand

Braunsdorf-Mueller Co., Elizabeth, N. J.  
 Fray John S. Co., Bridgeport, Conn.  
 Goodell-Pratt Co., Greenfield, Mass.  
 Kendrick-Davis Co. ("K.-D."), Lebanon,  
 N. H.  
**LOWELL WRENCH CO.** ("Lowell" Jewel-  
 ers, etc.), 54 Commercial, Worcester,  
 Mass. See adv index at end of book  
 Robinson M. W. Co. ("Robinson"), 203  
 37th, Brooklyn, N. Y.  
**STARRETT L. S. CO.**, Athol, Mass.  
 See adv index at end of book

**16536—Vises (Pipe)**

**ARMSTRONG MFG. CO.** ("Armstrong",  
 Hinged Pipe Vises), 278 Knowlton,  
 Bridgeport, Conn.  
 See adv index at end of book

Barrett Machine Tool Co. ("The Barrett"  
 Combination), Meadville, Pa.  
 Butler Co., Butler, Ind.  
 Butterfield & Co., Derby Line, Vt.  
 Channon Jas. H. Mfg. Co., 227 W. Erie,  
 Chicago, Ill.  
 Clark Bros. Co., Olean, N. Y.  
 Columbian Hardware Co., Cleveland, O.  
 Crane Co., (Est. 1855), 836 S. Michigan av.,  
 Chicago, Ill.

For branch offices see adv index at end of book  
**Crane Co. (Malleable Iron), Bridgeport,**  
**Conn.**

Crown Die & Tool Co., ("Crown"), 555 W.  
 Monroe, Chicago, Ill.  
 Curtis & Curtis Co., Bridgeport, Conn.  
 Dikeman Mfg. Co. ("Handy," Small for  
 Electricians, Pipe Fitters, etc), Nor-  
 walk, Conn.  
 Easton Tool & Machine Co. ("Jackson"  
 Sectional Jaw Malleable Iron), East-  
 on, Pa.  
 Emmert Mfg. Co. ("Tiger"), Waynesboro,  
 Pa.

Erie Tool Works (Chain, etc), Erie, Pa.  
 Fulton Machine & Vise Co. ("F. & R.",  
 "Star" Solid Jaw & Combination  
 Pipe), Lowville, N. Y.  
 Handy Mfg. Co. ("Handy"), Bridgeport,  
 Conn.

Hilts Wrench & Mfg. Co. ("Vulcan"  
 Chain), Richford, N. Y.  
 Hinman D. A. & Co. ("Enterprise"), Sand-  
 wich, Ill.

Hollands Mfg. Co. (Malleable Hinged,  
 "Hollands" Roller, Jaw & Open Side),  
 352 E 18th, Erie, Pa.

Howard Iron Works, Buffalo, N. Y.  
 Illinois Iron & Bolt Co. ("I. I. & B. Co."),  
 Carpentersville, Ill.

Jarecki Mfg. Co. ("Jarecki"), Erie, Pa.  
 Mark Mfg. Co. ("Roller"), Evanston, Ill.  
 Massey Vise Co. ("Clinches," Lightning  
 Grip), 325 W Ohio, Chicago, Ill.

**NASON MFG. CO.**, 71 Fulton, New York  
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Nye Tool & Machine Works ("Nye"), 108  
 N Jefferson, Chicago, Ill.  
 Oil Well Supply Co., 215 Water, Pitts-  
 burgh, Pa.

Oswego Tool Co. ("Walworth," "Arm-  
 strong," "Smith," "Parker," "Jar-  
 ecki" & Malleable Patterns), Oswego,  
 N. Y.

Parker Chas. Co. (Combination), Meriden,  
 Conn.

Parmelee Tool Co. ("Stillson"), 2515 W.  
 Monroe, Chicago, Ill.

Phoenix Hardware Co., Buffalo, N. Y.  
 Prentiss Vise Co. ("Prentiss," Open Side &  
 "20th Century," "Shepard"), 110 La-  
 fayette, New York

Reed Mfg. Co., Erie, Pa.

Rock Island Mfg. Co. ("Rock Island" Au-  
 tomatic Swivel & Hinged), Rock Is-  
 land, Ill.

Saunders D. Sons Co., Yonkers, N. Y.

Spencer Regulator Co. ("Spencer,"  
 "Searls"), Salem, Mass.

Superior Tool Co. ("Du Charme," Quick  
 Adjusting Open Top), Cambridge, O.

Toledo Pipe Threading Machine Co., 1440  
 Summit, Toledo, O.

Vanderman Mfg. Co. (Combination  
 Bench), Willimantic, Conn.

Walworth Mfg. Co. ("Klingfast"), Bos-  
 ton, Mass.

Warnock Mfg. Co. ("Warnock" Smooth  
 & Nickel Pipe), 64 Commercial, Wor-  
 cester, Mass.

Wells F. E. & Son Co. ("Wells"), Green-  
 field, Mass.

Whittington-Vaughn Co. ("Whittington"),  
 Easton, Pa.

Yale & Towne Mfg. Co., 9 E 40th, New  
 York

Young Joseph H. Co. (Brass Combination),  
 82 High, Boston, Mass.

**16537—Vises (Pipe, Combination)**

Athol Machine Co., Athol, Mass.  
 Bonney Vise & Tool Works, Allentown,  
 Pa. See adv index at end of book

Columbian Hardware Co., Cleveland, O.  
 Fisher & Norris ("Fisher" Quick Acting),  
 Trenton, N. J.

Fulton Machine & Vise Co., Lowville,  
 N. Y.

Hollands Mfg. Co. ("Hollands" Standard  
 & Extra Heavy), 352 E 18th, Erie, Pa.

Howard Iron Works, Buffalo, N. Y.

Prentiss Vise Co. ("Prentiss"), 110 La-  
 fayette, New York

Reed Mfg. Co., Erie, Pa.

Rock Island Mfg. Co., Rock Island, Ill.

Smith H. B. Co., ("Smith"), Westfield,  
 Mass.

Stowell Co. The ("Hanson" 5 Tools in  
 One), South Milwaukee, Wis.

Yost G. M. Mfg. Co., Meadville, Pa.

Young Joseph H. Co. ("Crawford"), 82  
 High, Boston, Mass.

**16538—Vises (Planer & Shaper)**

American Tool Works Co., Cincinnati, O.  
 Blissfield Motor Works ("Davenport" Tilt-  
 ing), Blissfield, Mich.

Carter & Hakes Machine Co. (Screw),  
 Winsted, Conn.

Frederick Machine Works, Norwalk, O.

Fulton Machine Co., Canal Fulton, O.

Hendey Machine Co. ("Hendey") Torrington,  
 Ill.

Massey Vise Co., 325 W Ohio, Chicago, Ill.

Pratt & Whitney Co., Hartford, Conn.

Rock Island Mfg. Co., Rock Island, Ill.

Schuchardt & Schutte ("S. & S." Divided),  
 90 West, New York

Sellew Machine Tool Co., Pawtucket, R. I.

Union Tool Co. ("Hill"), Orange, Mass.

**16539—Vises (Rule Bending)**

Griswold George M. Machine Co. (Folding  
 Box Makers), New Haven, Conn.

Rock Island Mfg. Co., Rock Island, Ill.

**16540—Vises (Saw)**

See also Clamps; also Vises, Band Saw

Atkins E. C. & Co., Indianapolis, Ind.

Baldwin Tuthill & Bolton (For Band  
 Saws), Grand Rapids, Mich.

Buckeye Saw Vise Co. (Folding), Cleve-  
 land, O.

Cincinnati Tool Co. ("Hargrave"), Nor-  
 wood, Cincinnati, O.

See adv index at end of book  
 Clipper Tool Co. ("Neverbreak" All-Steel),  
 284 Mills, Buffalo, N. Y.

Disston Hy. & Sons, Tacony, Phila., Pa.

Filer & Stowell Co. ("Cunningham," for  
 Band & Gang Saws), Milwaukee, Wis.

Grammes L. F. & Sons, Allentown, Pa.

Huther Bros. Saw Mfg. Co. (Adjustable  
 Circular), Rochester, N. Y.

Loetscher-Ryan Mfg. Co., Dubuque, Ia.

New Britain Machine Co. ("New Bri-  
 tain" (Band & Circular Saw Vises),  
 190 Chestnut, New Britain, Conn.

Oliver Machinery Co. (Adjustable Circu-  
 lar, etc), Grand Rapids, Mich.

Parker Chas. Co. (Adjustable Saw Filers),  
 Meriden, Conn.

Phoenix Hardware Co. ("Wentworth" Pat-  
 tern, "Phoenix"), Buffalo, N. Y.

Sargent & Co. ("Wentworth" Improved  
 Pattern "Sargent"), New Haven,  
 Conn.

Stearns E. C. & Co. ("Stearns," "Went-  
 worth"), 450 Oneida, Syracuse, N. Y.

Stover Mfg. Co., Freeport, Ill.

Weber Mfg. Co. (Folding Saw Filing  
 Vises), West Allis, Wis.

Wright Chas. E. Co. (For Band & Circu-  
 lar Saws), Kenilworth, N. J.

**16541—Vises (Shoe & Harness)**

Stover Mfg. Co. ("Ideal"), Freeport, Ill.

**16542—Vises (Solid Box)**

Columbian Hardware Company, Cleveland,  
 Ohio

**COLUMBUS FORGE & IRON CO.**, Colum-  
 bus, O. See adv index at end of book

Fisher & Norris ("Fisher"), Trenton, N. J.

Iron City Tool Works (Ltd.), 3201 Small-  
 man, Pittsburgh, Pa.

**MERRILL BROS.** (Steel Bar, Parallel  
 Jaws, Swivel Base), 3 Arnold, Mas-  
 peth (Borough of Queens), New York  
 See adv index at end of book

New London Vise Works, New London,  
 Conn.

Rock Island Mfg. Co., Rock Island, Ill.

**16543—Vises (Tool Makers')**

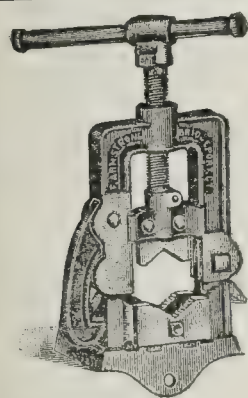
Athol Machine Co., ("Standard," "Star-  
 rett," "Simpson," "Athol"), Athol,  
 Mass.

Brown & Sharpe Mfg. Co., Providence,  
 R. I.

Champion Hardware Co., Geneva, O.

Columbian Hardware Co., Cleveland, O.

Emmert Mfg. Co. ("University"), Waynes-  
 boro, Pa.



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**MERRILL BROS.** (Steel Bar), 3 Arnold  
 Maspeth (Boro. of Queens), New York  
*See adv index at end of book*  
 North Bros. Mfg. Co. ("Yankee"), Lehigh  
 av & American, Phila., Pa.  
 Parker Chas. Co., Meriden, Conn.  
 Rock Island Mfg. Co., Rock Island, Ill.  
 Stanley Rule & Level Co. ("Jersey"), New  
 Britain, Conn.  
 Yost G. M. Mfg. Co., Meadville, Pa.

**Vitriol (Blue)**

See Chemicals, Battery

**Vitriol (Green)**

See Copperas

**Vitriol (White)**

See Sulphate of Zinc

**16544— Vitrolite**(Is a Structural Material, a Substitute  
for Marble)Vitrolite Co., 133 W. Washington, Chi-  
cago, Ill.**16545— Voltmeters (Milli)****BRISTOL CO.** ("Bristol's" Recording),  
Waterbury, Conn.**GENERAL ELECTRIC CO.**, Schenectady,  
N. Y. *See adv index at end of book*  
**Weston Electrical Instrument Co.**, New-  
 ark, N. J.**16546— Voltmeters & Frequency In-  
dicator Combined**

See also Ammeters &amp; Voltmeters

Wagner Electric Mfg. Co., 6400 Plymouth  
av, St. Louis, Mo.**WESTINGHOUSE ELECTRIC & MFG.  
CO.**, East Pittsburgh, Pa.  
*See adv index at end of book***16547— Vulcabeston**Johns-Pratt Co., The (For Electric Insu-  
lation & Steam Packing, etc), Hart-  
ford, Conn.**16548— Vulcanizers (Electric)**Electric Vulcanizer Co., 618 3rd av S,  
Minneapolis, Minn.

Shaler C. A. Co., Waupun, Wis.

**16549— Vulcanizers (Hose)****BIGGS BOILER WORKS CO.**, Case av &  
Williams, Akron, O.  
*See adv index at end of book***16550— Vulcanizers (Rubber)****BIGGS BOILER WORKS CO.**, (Biggs  
Patented Boltless Vulcanizers), Case  
av & Williams, Akron, O.  
*See adv index at end of book*Birmingham Iron Foundry (Tire), Derby,  
Conn.**CROSSLEY MACHINE CO.**, State &  
Chestnut av, Trenton, N. J.  
*See adv index at end of book*Dorman J. F. W. Co. ("Peerless"), 526  
N Calvert, Baltimore, Md.Farrel Fdry. & Machine Co., Ansonia,  
Conn.Hawgood Tire Equipment Co., Indianap-  
olis, Ind.Koven L. O. & Bro. (And All Other  
Kinds), 154 Ogden av, Jersey City,  
N. J.Leslie Elliott & Co., Paterson, N. J.  
**McNeil Boiler Co.**, 90 Crozier, Akron, O.  
**Manitowoc Engineering Works**, Mani-  
towoc, Wis.

Smith Samuel &amp; Son Co., Paterson, N. J.

Thropp Wm. R. &amp; Sons Co., Trenton, N. J.

**THROPP'S JNO. E. SONS CO.**, ft of  
Lewis, Trenton, N. J.  
*See adv index at end of book***16551— Vulcanizers (Tire & Tube)**Adamson Mfg. Co., East Palestine, O.  
**Anderson Rubber Works** ("Miller's"  
Steam for Repairing Auto Inner  
Tubes), Anderson, Ind.Auto Tire Vulcanizing Co., Lowell, Mass.  
**Baum Iron Co.** ("American" Single &  
Sectional, "Baum" Double), Omaha,  
Neb.**Beach-Russ Co.** (Rubber), 220 B'way,  
New York *See adv index at end of book***BIGGS BOILER WORKS CO.**, (Biggs  
Patented Boltless Vulcanizers), Case  
av & Williams, Akron, O.*See adv index at end of book*

Burge Machine Works, 230 N Jefferson, Ill.

**Faultless Engine Co.** (Gas), Kansas City,  
Mo.**Goodrich B. F. Co.**, Akron, O.**McGraw Tire & Rubber Co.** ("Imperial"),  
East Palestine, O.**Marvel Accessories Mfg. Co.** ("Marvel"),  
E. St. Clare, Cleveland, O.**National Motor Supply Co.** 5606 Euclid,  
Cleveland, O.**Positive Supply Co.** ("Positive," Portable,  
Steam), Davenport, Ia.**Rice & Dayton Mfg. Co.** ("Little Won-  
der"), Cedar Falls, Ia.**Shaler C. A. Co.** ("Shaler" Electric, Al-  
cohol Steam), Waupun, Wis.**Thropp Wm. R. & Sons Co.**, Trenton, N. J.**THROPP'S JNO. E. SONS CO.**, ft of  
Lewis, Trenton, N. J.*See adv index at end of book***Vulcan Mfg. Co.**, S. B'way, Denver, Colo.**Worcester Mfg. Co.** ("Worcester" Auto-  
matic), Worcester, Mass.**16552— Wagon Beds (Steel)**

Buckeye Boiler Co., Dayton, O.

**16553— Wagon Dump Boxes****American Cement Machine Co.** ("Mandt"),  
Keokuk, Ia.**Baker Mfg Co.** 1000 Stanford av, Spring-  
field, Ill.**Cator Dump Wagon Co.**, Palmyra, N. Y.**Columbia Wagon Co.**, Columbia, Pa.**Dakota Plow & Wagon Co.**, Sioux Falls,  
S. D.**Eagle Wagon Works**, Auburn, N. Y.**Everett Mfg. Co.** ("Everett," Portable),  
Newark, N. Y.**Galion Iron & Mfg. Wks. Co.**, Gallon, O.**Glen Wagon & Car Corp.** ("Star"), Cort-  
land, N. Y.**Knapheide Henry Wagon Co.**, Quincy, Ill.**Maytag Co.** ("Parsons"), Newton, Ia.**Ohio Road Machinery Co.** ("Ohio"), Ober-  
lin, O.**Studebaker Corp.**, South Bend, Ind.**Tiffin Wagon Co.**, Tiffin, O.**Troy Wagon Works Co.** ("Troy"), 100 E  
Race, Troy, O.**Turnbull Wagon Co.** ("Turnbull"), De-  
fiance, O.**16554— Wagon Sunshades****Troy Carriage Sun Shade Co.** (For Wagons,  
Trucks, etc), Troy, O.**16555— Wagons (Asphalt, Dump)**

Blake J. M. &amp; Son, Buffalo, N. Y.

**Columbia Wagon Co.**, Columbia, Pa.**Eagle Wagon Works**, Auburn, N. Y.**Glen Wagon & Car Corp.** ("Star"), Cort-  
land, N. Y.**Milburn Wagon Co.**, Toledo, O.**Shadbolt Mfg. Co.**, 68 Flushing av, Brook-  
lyn, N. Y.**Studebaker Corp.**, South Bend, Ind.**Tiffin Wagon Co.** (Steel Lined, etc), Tiffin,  
Ohio**Troy Wagon Works Co.** ("Troy"), 100 East  
Race, Troy, O.**Watson Wagon Co.**, Canastota, N. Y.**Wagons (Baggage & Express)**

See Barrows, Baggage &amp; Express

**16556— Wagons (Bakers')****American Wagon Co.**, 8th & Sycamore,,  
Cincinnati, O.**Armleder O. Co.**, 12th & Plum, Cincinnati,  
Ohio**Koenig & Luhrs Wagon Co.**, Quincy, Ill.**Martin Carriage Works**, York, Pa.**Parsons Wagon Co.**, Earlville, N. Y.**Winkler Grimm Corp.**, South Bend, Ind.**Woeber Car & Mfg. Co.**, Denver, Colo.**16557— Wagons (Brewery)**Abresch Chas. Co., 398 4th, Milwaukee,  
Wis.Akron-Selle Co., Akron, O.  
**Woeber Car & Mfg. Co.**, Denver, Colo.**16558-9— Wagons (Builders')**Abresch Chas. Co., 398 4th, Milwaukee,  
Wis.

Akron-Selle Co., Akron, O.

**Martin Carriage Works**, York, Pa.**Millburn Wagon Co.**, Toledo, O.**Studebaker Corp.**, South Bend, Ind.**Watson Wagon Co.**, Canastota, N. Y.**Wagons (Childrens')**

See Vehicles, Childrens

**16560— Wagons (Coal Charging)****JACKSON MFG. CO.**, Harrisburg, Pa.  
*See adv index at end of book***Kilbourne & Jacobs Mfg. Co.** (Steel), Col-  
umbus, O.**16561— Wagons (Coal & Coke)**Abresch Chas. Co., 398 4th, Milwaukee,  
Wis.

Akron-Selle Co. (Spring), Akron, O.

**Auburn Wagon Co.**, Martinsburg, W. Va.

Blake J. M. &amp; Son, Buffalo, N. Y.

**Karges Wagon Co.**, Evansville, Ind.**Kramer J. & Sons Mfg. Co.** (Chute Coal),  
675 Water, New York**Lansing Wagon Works**, Lansing, Mich.**Leonhardt Wagon Mfg. Co.** ("Leonhardt"  
Coal Chute), 417 E Saratoga, Balti-  
more, Md.**Milburn Wagon Co.**, Toledo, O.**Mogul Wagon Co.**, Hopkinsville, Ky.**Owensboro Wagon Co.**, Owensboro, Ky.**Springfield Wagon Co.**, Springfield, Mo.**Streich A. & Bro. Co.** (Spring & Dead  
Axle), Oshkosh, Wis.**Stroud Thos. F. & Co.** (Coal Only), Omaha,  
Neb.**Studebaker Corp.**, South Bend, Ind.**Winkler Grimm Corp.**, South Bend, Ind.**Wright Thos. Co.** (Elevating Rear & Side  
Delivery), 71 Colden, Jersey City,  
N. J.**16562— Wagons (Coaster)****BUFFALO SLED CO.** ("Auto-Wheel" &  
"Junior" Convertible Roadster), N.  
Tonawanda, N. Y.**Durham Mfg. Co.** (Auto), Muncie, Ind.**Henley Roller Skate & Machine Co.**, Rich-  
mond, Ind.**Hunt, Helm, Ferris & Co.** ("Star"), Har-  
vard, Ill.**John's Stamping & Machine Works Co.**,  
("Three-in-One"), Columbus rd,  
Cleveland, O. *See adv index at end of book***Martin & Heagy Mfg. Co.** ("Hickory"),  
Elizabethtown, Pa.**Rockaway Mfg. Co.**, 421-441 Culvert, Cin-  
cinnati, O.**Sheboygan Coaster & Wagon Works**  
("Unique," "Sheboygan," "Carry All"  
& Roller Steel Gear), Sheboygan, Wis.**South Bend Toy Mfg. Co.** (Standard,"  
"Big Possum," "South Bend"), South  
Bend, Ind.**Toledo Metal Wheel Co.**, Toledo, O.**Wabash Mfg. Co.** ("Wabash Express" &  
Sleds), Terre Haute, Ind.**Wagner Mfg. Co.**, Cedar Falls, Ia.**Wagons (Contractors')**

See Wagons, Dumping

**16563— Wagons (Dairy)**Abresch Chas. Co., 398 4th, Milwaukee,  
Wis.

Clark J. L. Carriage Co., Oshkosh, Wis.

**Columbia Wagon Co.**, Columbia, Pa.**Emerson-Brantingham Co.** ("Newton"),  
Rockford, Ill.**Greenberg Edward**, Arlington Heights, Ill.**Martin Carriage Works**, York, Pa.**Millburn Wagon Co.**, Toledo, O.**Moline Plow Co.** ("Freeport"), Moline, Ill.**Northwestern Mfg. Co.**, Fort Atkinson,  
Wis.**Stoughton Wagon Co.**, Stoughton, Wis.**Studebaker Corp'n**, South Bend, Ind.**Vaughn Mfg. Co.**, Jefferson, Wis.**16564— Wagons (Delivery)****Acme Wagon Co.**, Emigsville, Pa.**Akron-Selle Co.**, Akron, O.**American Carriage Co.** (Light), 1275 Budd,  
Cincinnati, O.



Auburn Wagon Co., Martinsburg, W. Va.  
 Banner Buggy Co., Main & Rutger, St. Louis, Mo.  
 Champion Wagon Co., Owego, N. Y.  
 Columbia Wagon Co., Columbia, Pa.  
 Cooper A. A. Wagon & Buggy Co., Du-buque, Ia.  
 Deal Buggy Co., Jonesville, Mich.  
 Deere John Plow Co., 2204 N B'way, St. Louis, Mo.  
 Durant-Dort Carriage Co., Flint, Mich.  
 Emerson-Brantingham Co., Rockford, Ill.  
 Florence Wagon Co., Florence, Ala.  
 Fuller Buggy Co., Jackson, Mich.  
 Hannibal Wagon Co., Hannibal, Mo.  
 Hess Carriage Co., Hagerstown, Md.  
 Hoover Wagon Co., York, Pa.  
 Houghton-Merkel Co., Marion, O.  
 Kentucky Wagon Mfg. Co. ("Tennessee," "Old Hickory"), Louisville, Ky.  
 Koenig & Luhrs Wagon Co., Quincy, Ill.  
 Kratzler Carriage Co., Des Moines, Ia.  
 Lansing Wagon Works, Lansing, Mich.  
 Leonhardt Wagon Mfg. Co. ("Boss," Bot-tlers), 417 E Saratoga, Baltimore, Md.  
 Lion Buggy Co., C H & D R R nr Gest, Cincinnati, O.  
 Lull Carriage Co., Kalamazoo, Mich.  
 Martin Carriage Works, York, Pa.  
 Millburn Wagon Co., Toledo, O.  
 Moline Plow Co. ("Freeport"), Moline, Ill.  
 Noyes Carriage Co., Elkhart, Ind.  
 Parry Mfg. Co., Indianapolis, Ind.  
 Parsons Wagon Co., Earlville, N. Y.  
 Paterson W. A. Co., Flint, Mich.  
 Prouty & Glass Carriage Co., Wayne, Mich.  
 Rex Buggy Co., Connersville, Ind.  
 Schurmeier Wagon Co., 9th & Broadway, St. Paul, Minn.  
 Springfield Wagon Co., Springfield, Mo.  
 Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.  
 Studebaker Corp., South Bend, Ind.  
 Sweet B. F. & H. L. Co., Fond du Lac, Wis.  
 Vaughn Mfg. Co., Jefferson, Wis.  
 Winkler Grimm Corp., South Bend, Ind.  
 Winona Carriage Co., Winona, Minn.  
 Woerber Car & Mfg. Co., Denver, Colo.

### 16565— Wagons (Dumping)

See also Carts, Dumping

Acme Road Machinery Co., Frankport, N. Y.  
 Acme Wagon Co., Emigsville, Pa.  
 Auburn Wagon Co., Martinsburg, W. Va.  
 Austin Mfg. Co., 910 S Michigan av, Chi-cago, Ill.  
 Bain Wagon Co. (Ltd.) ("Bain"), Ke-nosha, Wis.  
 Beckert Wm. & Son, 1003 E Ohio, North Side, Pittsburgh, Pa.  
 Blake J. M. & Son, Buffalo, N. Y.  
 Case J. I. Threshing Machine Co., Racine, Wis.  
 Cator Dump Wagon Co., Palmyra, N. Y.  
 Columbia Wagon Co. ("Susquehanna" Dump Bottom), Columbia, Pa.  
 Connellsville Iron Works (Steel Body), Connellsville, Pa.  
 Eagle Wagon Works, Auburn, N. Y.  
 Emerson-Brantingham Co. ("Newton"), Rockford, Ill.  
 Gallion Iron Works & Mfg. Co., Gallion, O.  
 Glen Wagon & Car Corp. ("Star"), Cort-land, N. Y.  
 Good Roads Machinery Co. ("National"), Fort Wayne, Ind.  
 Hamilton Smithing & Mfg. Co., Hamilton, O.  
 Henderson Wagon Works, Henderson, Ky.  
 Hill E. W. (Steel), 24 Pollock av, Jersey City, N. J.  
 Kentucky Wagon Mfg. Co. ("Old Hick-ory," "Tennessee"), Louisville, Ky.  
 Kramer Wagon Co. ("Oil City"), Oil City, Pa.  
 MacKinnon F. Mfg. Co. ("Steel King" Bottom Dump), Grand Rapids, Wis.  
 Milburn Wagon Co. ("Greater Pitts-burgh"), Toledo, O.  
 Pekin Wagon Co., Pekin, Ill.  
 Pioneer Tractor Mfg. Co. (Traction), Wi-nona, Minn.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Russell Grader Mfg. Co., 2005 Univ. av, S. E., Minneapolis, Minn.  
 Schuttler Peter Co., 2509 W 22d, Chicago, Ill.  
 Shadbolt Mfg. Co., 68 Flushing av, Brook-lyn, N. Y.  
 Smith & Sons Mfg. Co. ("Royal"), Kansas City, Mo.  
 Streich A. & Bro. Co., Oshkosh, Wis.

Studebaker Bros. Co. of Cal., 413 Mission, San Francisco, Cal.  
 Studebaker Corp., South Bend, Ind.  
 Sweet B. F. & H. L. Co. ("Sweet" Lumber Dumping), Fond du Lac, Wis.  
 Tiffin Wagon Co. (Steel Bucket & Bottom Dump), Tiffin, O.  
 Troy Wagon Works Co. ("Troy" Bottom Dump), 100 E Race, Troy, O.  
 Watson Wagon Co., Canastota N. Y.  
 Western Wheeled Scraper Co. ("Aurora"), Aurora, Ill.

### 16566— Wagons (Farm)

#### ALABAMA.

FLORENCE—Florence Wagon Co. ("Flor-ence")

#### ARKANSAS.

FORT SMITH—Fort Smith Wagon Co. ("Fort Smith")

#### CALIFORNIA.

SAN FRANCISCO—Studebaker Bros. Co. of Cal., 413 Mission

#### GEORGIA.

AUGUSTA—Lowrey Wagon Works  
 EAST POINT—White Hickory Wagon Mfg. Co.  
 MACON—Williams Mfg. Co. (White Hick-ory)

#### ILLINOIS.

ABINGDON—Abingdon Wagon Co. ("Ab-ingdon," "Clinton," "Sterling")  
 ALBION—Painter & Franklin ("Painter & Frank")  
 CHICAGO—INTERNATIONAL HARVES-TER COMPANY OF AMERICA (INC.) (Weber-Columbus), 702 Harvester building  
*See adv index at end of book*  
 Schuttler Peter Co. ("Schuttler"), 2509 W 22d  
 MOLINE—Deere John Wagon Works  
 Moline Plow Co. ("Mandt")  
 OTTAWA—King & Hamilton Co.  
 PEKIN—Pekin Wagon Co. ("Pekin," "New Ebbert," "New Smith")  
 QUINCY — ELECTRIC WHEEL CO. ("Electric"), Station D.  
*See adv index at end of book*  
 ROCKFORD—Emerson-Brantingham Co. ("Newton," "Rock City")  
 SPRINGFIELD—Fetzer & Co.  
 Racine-Sattley Co.  
 STERLING—Bassett E. C.

#### INDIANA.

ANDERSON—Rhoads Samuel  
 CORYDON—Keller Mfg. Co. ("Corydon")  
 EVANSVILLE—Karges Wagon Co. ("Karges")  
 HUNTINGBURG—Huntingburg Wagon Works ("Huntingburg")  
 JEFFERSONVILLE—Holzbog Geo. H. & Bro., 216 Chestnut  
 LAFAYETTE—Indiana Wagon Co. ("In-diana," "O'Brien")  
 SOUTH BEND—Birdsell Mfg. Co. ("Bird-sell")  
 Studebaker Corp. ("Studebaker")

#### IOWA.

DAVENPORT—Davenport Wagon Co.  
 DUBUQUE—Cooper A. A. Wagon & Buggy Co. ("Columbus," "Cooper")  
 FAIRFIELD—Turney Joel & Co. ("Char-ter Oak")  
 LANSING—Rud C. O. & Co. ("Rud")  
 PELLA—Buerkens Mfg. Co. ("Buerkens")

#### KENTUCKY.

HENDERSON—Henderson Wagon Works  
 HICKMAN—Hickman Wagon Co.  
 HOPKINSVILLE—Mogul Wagon Co.  
 LOUISVILLE—Brinly Hardy Co.  
 Kentucky Wagon Mfg. Co. ("Old Hick-ory," "Tennessee," "Kentucky")  
 OWENSBORO—Owensboro Wagon Co.

#### MARYLAND.

HAGERSTOWN—Hess Carriage Co.

#### MICHIGAN.

GRAND RAPIDS—Belknap Wagon Co.  
 HOLLY—Patterson Mfg. Co. ("Holly," "P B")

LANSING—Lansing Wagon Works  
 MOUNT CLEMENS—Donaldson Bros.

#### MINNESOTA.

LAKE CITY—Neal, Johns & Co. ("Lake City")  
 MINNEAPOLIS—Keller Mfg. Co. ("Kel-ler"), 1325 N E Quincy  
 Lenhart Wagon Co. ("Lenhart"), 2600 University av S E  
 ST. PAUL—Anderson Co., 2324 University av  
 WINONA—Winona Wagon Co. ("Rush-ford," "Winona," "Minnesota")

#### MISSISSIPPI.

DURANT—Love Wagon Co.  
 LAUREL—Lindsay Wagon Co. ("Lind-say")

#### MISSOURI.

EDINA—Miller Wagon Co. ("Miller")  
 FARMINGTON—Lang & Bro. Mfg. & Merc. Co. ("Lang")  
 HANNIBAL—Hannibal Wagon Co.  
 KANSAS CITY—Beggs Wagon Co. ("Beggs")  
 ST. LOUIS—Gestring Wagon Co., 1718 N B'way  
 Linstroth Wagon Co. ("Linstroth," "Pride of St. Louis"), 2616 Chou-teau av  
 Luedinghaus-Espenschied Wagon Co. ("Luedinghaus"), 1717 N B'way  
 Weber & Damme Wagon Co., 1619 N B'way  
 SPRINGFIELD—Springfield Wagon Co.

#### NEBRASKA.

OMAHA — Stroud Thos. F. & Co. ("Stroud")

#### NEW YORK.

HOLLAND—Tanner D. F.  
 HOOSICK FALLS—Wood Walter A. Mow-ing & Reaping Machine Co.  
 MORAVIA—Cady Geo. S. & Son ("Wal-ker")  
 OLEAN—New Conklin Wagon Co.  
 OWEGO—Champion Wagon Co. ("Owego")

#### NORTH CAROLINA.

HICKORY—Piedmont Wagon & Mfg. Co.  
 WILSON—Hackney Wagon Co. ("Hic-kory")  
 WINSTON-SALEM—Nissen Geo. E. & Co.

#### OHIO.

CINCINNATI—Bode Wagon Co. ("Bode") 1655 Central av  
 DEFIANCE—Turnbull Wagon Co. ("Turn-bull")  
 MARIETTA—Ohio Valley Wagon Co. ("Marietta")  
 TIFFIN—Tiffin Wagon Co. ("Tiffin")  
 TOLEDO—Milburn Wagon Co. ("Mill-burn")  
 TROY—Troy Wagon Works Co. ("Troy"), 100 East Race  
 ZANESVILLE—Brown Mfg. Co. ("Brown")

#### PENNSYLVANIA.

BROOKVILLE—Brookville Mfg. Co. ("Brookville")  
 COLUMBIA—Columbia Wagon Co. ("Co-lumbian," "Eli")  
 ELIZABETHVILLE—Swab Wagon Co.  
 EMIGSVILLE—Acme Wagon Co. ("Little Gem," "Acme")  
 OIL CITY—Kramer Wagon Co. ("Kram-er," "Oil City")

#### SOUTH DAKOTA.

SIOUX FALLS—Dakota Plow & Wagon Co. ("Queen City")

#### TENNESSEE.

CHATTANOOGA—Chattanooga Wagon Co. ("Chattanooga")  
 MEMPHIS—James & Graham Wagon Co. ("James & Graham")

#### TEXAS.

BRENHAM—Schuerenberg F. W. ("Schue-renberg")



## VIRGINIA.

LYNCHBURG — Thornhill Wagon Co.  
("Thornhill")  
MARION — Look & Lincoln ("Look & Lin-  
coln")  
SOUTH BOSTON — Virginia Wagon Co.

## WEST VIRGINIA.

MARTINSBURG — Auburn Wagon Co.  
("Auburn," "New South")

## WISCONSIN.

FOND DU LAC — Sweet B. F. & H. L. Co.  
FORT ATKINSON — Northwestern Mfg.  
Co. ("Northwestern")  
GRAND RAPIDS — MacKinnon F. Mfg.  
Co.  
JEFFERSON — Vaughn Mfg. Co. ("Jeffer-  
son")  
KENOSHA — Bain Wagon Co. (Ltd.)  
("Bain")  
LA CROSSE — Smith Mfg. Co. ("La  
Crosse," "Smith," "Pioneer")  
OSHKOSH — Streich A. & Bro. Co.  
("Streich")  
RANDOLPH — Randolph Wagon Works  
STOUGHTON — Mandt Wagon Co.  
("Mandt," "Crescent")  
Stoughton Wagon Co. ("New Stough-  
ton")

## 16567—\*Wagons (Farm, Electric)

ELECTRIC WHEEL CO., Station D,  
Quincy, Ill. *See adv index at end of book*

16568—Wagons (Freight, Teaming,  
Etc.)

Abresch Chas. Co., 398 4th, Milwaukee,  
Wis.  
Akron-Selle Co., Akron, O.  
Auburn Wagon Co., Martinsburg, W. Va.  
Bain Wagon Co. (Heavy), Kenosha, Wis.  
Clark J. L. Carriage Co., Oshkosh, Wis.  
Dakota Plow & Wagon Co., Sioux Falls,  
S. D.  
INTERNATIONAL HARVESTER COM-  
PANY OF AMERICA (INC.) (Weber-  
Columbus), 702 Harvester building,  
Chicago *See adv index at end of book*  
Knapseide Henry Wagon Co., Quincy, Ill.  
Leonhardt Wagon Mfg. Co., 417 E Sara-  
toga, Baltimore, Md.  
MacKinnon F. Mfg. Co., Grand Rapids,  
Wis.  
Menasha Wood Split Pulley Co. ("Law-  
son"), Menasha, Wis.  
Milburn Wagon Co., Toledo, O.  
Owensboro Wagon Co., Owensboro, Ky.  
Pekin Wagon Co., Pekin, Ill.  
Racine-Sattley Co., Springfield, Ill.  
Schuttler Peter Co., 2509 W 22d, Chi-  
cago, Ill.  
Streich A. & Bro. Co., Oshkosh, Wis.  
Stroud Thos. F. & Co., Omaha, Neb.  
Studebaker Corp., South Bend, Ind.  
Tiffin Wagon Co., Tiffin, O.  
Troy Wagon Works Co. ("Troy"), 100 East  
Race, Troy, O.  
White Hickory Wagon Mfg. Co., East  
Point, Ga.  
Winona Wagon Co., Winona, Minn.  
Woebler Car & Mfg. Co., Denver, Colo.

## 16569—Wagons (Fruit)

Acme Wagon Co., Emigsville, Pa.  
MacKinnon F. Mfg. Co., Grand Rapids,  
Wis.  
Milburn Wagon Co., Toledo, O.

## 16570—Wagons (Garbage)

Blake J. M. & Son, Buffalo, N. Y.  
Columbia Wagon Co., Columbia, Pa.  
Glen Wagon & Car Corp. ("Star"), Cort-  
land, N. Y.  
Holzbog Geo. H. & Bro. (Odorless, all  
Steel), Jeffersonville, Ind.  
Lee Loader & Body Co., 2343 So La  
Salle, Chicago, Ill.  
Leonhardt Wagon Mfg. Co., 417 E Sara-  
toga, Baltimore, Md.  
Shadbolt Mfg. Co. (Dumping), 68 Flushing  
av, Brooklyn, N. Y.  
Streich A. & Bro. Co., Oshkosh, Wis.  
Studebaker Corp., South Bend, Ind.  
Tiffin Wagon Co. (Steel Bucket Dumping  
Cart), Tiffin, O.  
Troy Wagon Works Co. ("Troy"), 100 East  
Race, Troy, O.  
Watson Wagon Co., Canastota, N. Y.

## 16571—Wagons (Goat)

Sheboygan Coaster & Wagon Works  
(Buckboard), Sheboygan, Wis.  
White Hickory Wagon Mfg. Co., East  
Point, Ga.

## 16572—Wagons (Grading)

Glen Wagon & Car Corp. ("Star"), Cort-  
land, N. Y.  
Watson Wagon Co., Canastota, N. Y.

## 16573—Wagons (Hardware)

Milburn Wagon Co., Toledo, O.  
Studebaker Corp., South Bend, Ind.

16573a—\*Wagons (Heavy Freight-  
ing)

ELECTRIC WHEEL CO., Station D,  
Quincy, Ill. *See adv index at end of book*

## 16574—Wagons (Hose)

*See also Fire Engines, Motor*  
Akron-Selle Co., Akron, O.  
Northern Fire Apparatus Co., 2422 Univ.  
av, S E Minneapolis, Minn.  
Pirsch Peter & Co. (Combination), Ke-  
nosha, Wis.  
Seagrave Co., Columbus, O.  
Stewart A. F., Rochester, N. Y.

## 16575—Wagons (Ice)

Abresch Chas. Co., 398 4th, Milwaukee,  
Wis.  
Akron-Selle Co., Akron, O.  
Clark J. L. Carriage Co., Oshkosh, Wis.  
Hess Carriage Co., Hagerstown, Md.  
Koenig & Luhrs Wagon Co., Quincy, Ill.  
Leonhardt Wagon Mfg. Co., 417 E Sara-  
toga, Baltimore, Md.  
Martin Carriage Works, York, Pa.  
Milburn Wagon Co., Toledo, O.  
Owensboro Wagon Co., Owensboro, Ky.  
Streich A. & Bro. Co., Oshkosh, Wis.  
Studebaker Corp., South Bend, Ind.  
Winkler Grimm Corp., South Bend, Ind.

## 16576—Wagons (Larry Coke)

Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
Niles Mine & Mill Supply Co., Cleveland, O.  
Phillips Mine & Mill Supply Co., 2227  
Jane, Pittsburgh, Pa.

## 16577—Wagons (Laundry)

Akron-Selle Co., Akron, O.  
Armleder O. Co., 12th & Plum, Cincinnati,  
Ohio  
Koenig & Luhrs Wagon Co., Quincy, Ill.  
Leonhardt Wagon Mfg. Co., 417 E Sara-  
toga, Baltimore, Md.  
Milburn Wagon Co., Toledo, O.  
Woebler Car & Mfg. Co., Denver, Colo.

## 16578—Wagons (Logging)

Chattanooga Wagon Co., Chattanooga,  
Tenn.  
ELECTRIC WHEEL CO., Station D,  
Quincy, Ill. *See adv index at end of book*  
Florence Wagon Co., Florence, Ala.  
Fort Smith Wagon Co., Ft. Smith, Ark.  
INTERNATIONAL HARVESTER COM-  
PANY OF AMERICA (INC.), 702  
Harvester Building, Chicago  
*See adv index at end of book*  
Knapseide Henry Wagon Co., Quincy, Ill.  
Lindsay Wagon Co. (Eight Wheels, etc),  
Laurel, Miss.  
Luedinghaus-Espenschied Wagon Co., 1715  
N B'way, St. Louis, Mo.  
Milburn Wagon Co., Toledo, O.  
Mississippi Valley Mfg. Co., Quincy, Ill.  
Nissen Geo. E. & Co., Wiston-Salem, N. C.  
Owensboro Wagon Co., Owensboro, Ky.  
Phoenix Mfg. Co., Eau Claire, Wis.  
Schuttler Peter Co. 2509 W 22d, Chicago,  
Ill.  
Schwartz Jos. Co. 548 Baronne, New Or-  
leans, La.  
Springfield Wagon Co. ("Springfield"),  
Springfield, Mo.  
Stroud Thos. F. & Co. ("Stroud"), Omaha,  
Neb.  
Studebaker Corp., South Bend, Ind.  
Tiffin Wagon Co., Tiffin, O.  
Troy Wagon Works Co. ("Troy"), 100 E  
Race, Troy, O.  
White Hickory Wagon Mfg. Co., East  
Point, Ga.

## 16579—Wagons (Lumber)

Blake J. M. & Son, Buffalo, N. Y.  
Curtis & Co. Mfg. Co. (Steel Wheel Short  
Turn), 1571 Kienlen av, St. Louis, Mo.  
Florence Wagon Co., Florence, Ala.  
Fort Smith Wagon Co., Fort Smith, Ark.  
Leonhardt Wagon Mfg. Co., 417 E Sara-  
toga, Baltimore, Md.  
Michigan Truck & Lumber Co., Holly,  
Mich.  
Milburn Wagon Co., Toledo, O.  
Pekin Wagon Co., Pekin, Ill.  
Streich A. & Bro. Co. (Also Roll-Off Lum-  
ber Wagons), Oshkosh, Wis.  
Stroud Thos. F. & Co. ("Stroud"), Omaha,  
Neb.  
Sweet B. F. & H. L. Co. ("Sweet's" Patent  
Dumping), Fond du Lac, Wis.  
White Hickory Wagon Mfg. Co., East  
Point, Ga.

## 16580—Wagons (Lunch)

Racine-Sattley Co., Springfield, Ill.

16581—Wagons (Meter, Motor  
Driven)

General Vehicle Co. ("G-V" Electric),  
Long Island City, N. Y.

## 16582—Wagons (Milk)

Abresch Chas. Co., 398 4th, Milwaukee, Wis.  
Burg L. Carriage Co., Dallas City, Ill.  
Clark J. L. Carriage Co., Oshkosh, Wis.  
Cooper A. A. Wagon & Buggy Co. (Low  
Down), Dubuque, Ia.  
Greenberg Edward, Arlington Heights, Ill.  
Hess Carriage Co., Hagerstown, Md.  
Hoover Wagon Co., York, Pa.  
Martin Carriage Works (Also Low Down),  
York, Pa.  
Milburn Wagon Co., Toledo, O.  
Moline Plow Co., Moline, Ill.  
Northwestern Mfg. Co., Fort Atkinson, Wis.  
Parsons Wagon Co. (Low Down), Earlville,  
N. Y.  
Stoughton Wagon Co., Stoughton, Wis.  
Studebaker Corp'n (Also Low Down),  
South Bend, Ind.  
Tierney Patrick J., New Rochelle, N. Y.  
Vaughn Mfg. Co., Jefferson, Wis.  
Winkler Grimm Corp., South Bend, Ind.

## 16583—Wagons (Mountain)

Bain Wagon Co. (Ltd.), Kenosha, Wis.  
Cooper A. A. Wagon & Buggy Co., Du-  
buque, Iowa  
Deere John Plow Co., 2204 N B'way, St.  
Louis, Mo.  
Deere John Wagon Works (Also One  
Horse), Moline, Ill.  
Emerson-Brantingham Co. ("Newton"),  
Rockford, Ill.  
Moline Plow Co. ("Mandt"), Moline, Ill.  
Moon Jos. W. Buggy Co., Main & Doug-  
lass, St. Louis, Mo.  
Staver Carriage Co., 76th & Wallace, Chi-  
cago, Ill.  
Studebaker Corp., South Bend, Ind.  
Vellie Carriage Co., Moline, Ill.  
Winona Carriage Co., Winona, Minn.

## 16584—Wagons (Oil &amp; Pipe)

Abresch Chas. Co., 398 4th av, Milwau-  
kee, Wis.  
INTERNATIONAL HARVESTER COM-  
PANY OF AMERICA (INC.), 702  
Harvester bldg, Chicago, Ill.  
*See adv index at end of book*

16585—Wagons (Ore, Coal & Min-  
ing)

Akron Cultivator Co. (Steel), Akron, O.  
Connellsville Machine & Car Supply Co.  
(Pit), Connellsville, Pa.  
Honhorst Joseph Co. (Coal), 1016 W 6th,  
Cincinnati, O.  
Milburn Wagon Co., Toledo, O.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pitts-  
burgh; San Francisco  
Schuttler Peter Co. 2509 W 22d, Chicago,  
Ill.  
Studebaker Corp., South Bend, Ind.  
Turl Iron & Car Co., Inc., The, 50 Broad,  
New York. Works: Newburgh, N. Y.



**16586— Wagons (Police & Fire Patrol)**

Abresch Chas. Co., 398 4th, Milwaukee, Wis.  
 Akron-Selle Co., Akron, O.  
 Fulton & Walker Co., 20th & Filbert, Phila., Pa.  
 Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.  
 Stewart A. F., Rochester, N. Y.  
 Studebaker Corp., South Bend, Ind.

**16587— Wagons (Pump, Motor Driven)**

General Vehicle Co. ("G. V." Electric), Long Island City, N. Y.

**Wagons (Road Oiling)**

See Road Oilers or Distributors

**16588—Wagons (Rural Mail)**

Burg L. Carriage Co., Dallas City, Ill.  
 Butler Co., Butler, Ind.  
 Clark J. L. Carriage Co., Oshkosh, Wis.  
 Cooper A. A. Wagon & Buggy Co., Du-buque, Ia.  
 Deere Jno. Plow Co., 2204 N B'way, St. Louis, Mo.  
 Lewis & Neville Mfg. Co., Goshen, Ind.  
 Martin Carriage Works, York, Pa.  
 Milburn Wagon Co., Toledo, O.  
 Studebaker Corp., South Bend, Ind.

**Wagons (Scavenger)**

See Wagons, Garbage

**16589— Wagons (School)**

Akron-Selle Co., Akron, O.  
 Lewis & Neville Mfg. Co., Goshen, Ind.  
 Parry Mfg. Co., Indianapolis, Ind.

**16590—Wagons (Self-Dumping)**

Blake J. M. & Son, Buffalo, N. Y.  
 Watson Wagon Co., Canastota, N. Y.

**16591—Wagons (Spreading & Haulage, Reversible)**

Blake J. M. & Son, Buffalo, N. Y.  
 Buffalo-Pitts Co., Buffalo, N. Y.  
 Troy Wagon Works Co. (For Road Building), 100 E Race, Troy, Ohio

**16592— Wagons (Spring)**

Acme Wagon Co., Emigsville, Pa.  
 Ames-Dean Carriage Co., Jackson, Mich.  
 Auburn Wagon Co., Martinsburg, W. Va.  
 Banner Buggy Co., Main & Rutger, St. Louis, Mo.  
 Brown Carriage Co., 1630 Gest, Cincinnati, Ohio  
 Burg L. Carriage Co., Dallas City, Ill.  
 Burlington Buggy Co., Burlington, Ia.  
 Clark J. L. Carriage Co., Oshkosh, Wis.  
 Columbia Wagon Co., Columbia, Pa.  
 Cooper A. A. Wagon & Buggy Co., Du-buque, Ia.  
 Deal Buggy Co., Jonesville, Mich.  
 Defiance Carriage Co., Defiance, O.  
 Delker Bros. Buggy Co., Henderson, Ky.  
 Durant-Dart Carriage Co., Flint, Mich.  
 Eckhart Carriage Co., Auburn, Ind.  
 Emerson-Brantingham Co. ("Emerson"), Rockford, Ill.  
 Enger Frank J. Marion & Dalton av, Avon, Cincinnati, O.  
 Eureka Co., Rock Falls, Ill.  
 Fuller Buggy Co., Jackson, Mich.  
 Gay S. C. Co., Ottawa, Ill.  
 Keys Bros., Council Bluffs, Ia.  
 Kratzer Carriage Co., Des Moines, Ia.  
 Lansing Wagon Works, Lansing, Mich.  
 Lull Carriage Co., Kalamazoo, Mich.  
 Luth Carriage Co., 1911 W 8th, Cincinnati, O.  
 McFarlan Motor Co., Connersville, Ind.  
 Manley John D. Carriage Co., 1319 N 9th, St. Louis, Mo.  
 Martin Carriage Works, York, Pa.  
 Milburn Wagon Co., Toledo, O.  
 Miller Wagon Co., Edina, Mo.  
 Moline Plow Co. ("Henney"), Moline, Ill.  
 Moon Bros. Carriage Co., Gano & McKis-sock, St. Louis, Mo.  
 Moon Jos. W. Buggy Co., Main & Douglass, St. Louis, Mo.  
 Northwestern Mfg. Co., Fort Atkinson, Wis.

Noyes Carriage Co., Elkhart, Ind.  
 Parry Mfg. Co., Indianapolis, Ind.  
 Paterson W. A. Co., Flint, Mich.  
 Phoenix Carriage Co., 901 Evans, Cincinnati, O.  
 Prouty & Glass Carriage Co., Wayne, Mich.  
 Reliance Buggy Co., St. Louis, Mo.  
 Rex Buggy Co., Connersville, Ind.  
 Sechler D. M. Implement & Carriage Co., Moline, Ill.  
 Sechler & Co., 538 E 5th, Cincinnati, O.  
 Staver Carriage Co., 76th & Wallace, Chicago, Ill.  
 Stoughton Wagon Co., Stoughton, Wis.  
 Studebaker Corp'n, South Bend, Ind.  
 Swab Wagon Co., Elizabethville, Pa.  
 Tanner D. F., Holland, N. Y.  
 Vellie Carriage Co., Moline, Ill.  
 Wayne Works, Richmond, Ind.  
 Winona Carriage Co., Winona, Minn.

**16593— Wagons (Stave)**

Strait H. N. Mfg. Co., Kansas City, Mo.

**16594— Wagons (Steel)**

Blake J. M. & Son, Buffalo, N. Y.  
**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*  
**INTERNATIONAL HARVESTER CO. OF AMERICA (INC.)**, 702 Harvester bldg, Chicago *See adv index at end of book*  
 Litchfield Mfg. Co., Waterloo, Ia.  
 MacKinnon F. Mfg. Co. (Steel King" Bottom Dump), Grand Rapids, Wis.  
 Shunk Plow Co. (Farm Wagons), Bucyrus, Ohio

**16595— Wagons (Stone)**

Blake J. M. & Son, Buffalo, N. Y.

**Wagons (Stone Spreading)**

See Wagons, Spreading & Reversible

**16596— Wagons (Sugar)**

Blymyer Iron Works Co., Cincinnati, O.  
**ELECTRIC WHEEL CO.** (Also Sugar Cane Carts), Station D, Quincy, Ill. *See adv index at end of book*  
 Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco.

**TURL IRON & CAR CO. (INC.) (THE.)**, 50 Broad, New York. Works: Newburgh, N. Y.

**16597— Wagons (Tank)**

Bollwerk H. & Bro. (Round & Square Tank), St. Louis, Mo.  
 Columbian Steel Tank Co. (Oil Delivery), Kansas City, Mo.  
 Littleford Bros., 444 E Pearl, Cincinnati, O.

**16598— Wagons (Tea)**

Baillie Basket Co., 82 Sudbury, Boston, Mass.  
 Haberkorn C. H. & Co., Brooklyn & 8th, Detroit, Mich.  
 Hand Made Furniture Shop, 426 Armour, Chicago, Ill.  
 Martin Carriage Works, York, Pa.  
 Mutual Mfg. Co., Dayton, O.  
 Orinoco Furniture Co., Columbus, Ind.  
 Rattan Mfg. Co., New Haven, Conn.  
 Schloss E. & Co., Grand & E River, New York  
 Western Fibre Reed Co., Chicago, Ill.

**16599— Wagons (Tower)**

Chase Motor Truck Co. ("Chase," Gasoline), Syracuse, N. Y.  
 General Vehicle Co. ("G-V" Electric), Long Island City, N. Y.  
 Leonhardt Wagon Mfg. Co. ("Leonhardt" Revolving), 417 E Saratoga, Baltimore, Md.

**16600— Wagons (Trolley)**

Briggs Carriage Co., Amesbury, Mass.  
 Leonhardt Wagon Mfg. Co., 417 E Saratoga, Baltimore, Md.  
 McCordell J. R. & Co. ("Trenton"), Trenton, N. J.  
 Milburn Wagon Co., Toledo, O.

**Wagons (Trolley Line Repair, Etc.)**

See Wagons, Tower

**16601—Wagons (Turpentine)**

White Hickory Wagon Mfg. Co., East Point, Ga.

**16602—Wagons (Undertaker's)**

Akron-Selle Co., Akron, O.

**16603—Wagons (Wire Nail)**

Howe Scale Co., Rutland, Vt.

**16604— Walkers (Baby)**

Baker J. R. & Sons Co., Kendallville, Ind.  
 Glascock Bros. Mfg. Co., Muncie, Ind.  
 Steinfeld Bros., 116 W 22d, New York  
 Tothill W. S., 1815 Webster av, Chicago, Ill.  
 Uhlen Carriage Co., Rochester, N. Y.

**16605— Wall Boards**

See also Plaster Boards, Slabs, etc.

Beaver Co., 956 Beaver rd, Buffalo, N. Y.  
 Bird & Son ("Neponset"), East Walpole, Mass.  
 Bishopric Mfg. Co. ("Bishopric," Stucco or Plaster Boards), 1453 Este av, Cincinnati, O.  
 Carey Philip Mfg. Co. ("Ceil-Board"), 330 Wayne av, Lockland, Cincinnati, O.  
 Compo-Board Co., Minneapolis, Minn.  
 Cornell Wood Products Co., Insurance Exchange bldg, Chicago, Ill.  
**EDWARDS MFG. CO.** 545-565 Eggleston av, Cincinnati, O. *See adv index at end of book*  
 Garden City Sand Co., Chamber of Comm. bldg, Chicago, Ill.  
 Heppes-Nelson Roofing Co. ("Utility" Fibrous, Waterproof), 4500 Fillmore, Chicago, Ill.  
 MacAndrews & Forbes Co. ("Fibertic"), 200 5th av, New York  
 Mueller Lumber Co., Davenport, Ia.  
 Northwestern Compo Board Co. ("Compo Board"), 44th av & Lyndl, Minneapolis, Minn.  
 Paraffine Paint Co., San Francisco, Cal.  
 Plastergon Wall Board Co. (Treated Wood Fibre), 11 Philadelphia av, Brooklyn, N. Y.  
 Roberds Mfg. Co., Marion, Ind.  
 Rockford Paper Box Board Co., Rockford, Ill.  
 Sackett Plaster Board Co. ("Sackett's"), 1170 B'way, New York  
 Standard Paint Co. ("Amiwnd"), 233 B'way, New York  
 United States Gypsum Co. ("Sheetrack"), 205 W Monroe, Chicago, Ill.  
 Upson Co. ("Upson Processed"), Lockport, N. Y.  
 Wright-Barrett & Stilwell Co. ("Wright's" Indestructible), N E cor University & Hampden avs, St. Paul, Minn.

**Wall Burlaps & Canvas**

See Wall Coverings

**Wall Coping Mfrs.**

See Pipe, Sewer; also Terra Cotta, Architectural

**16606— Wall Coverings**

Beck Fr. & Co. ("Lincrusta Walton"), 281 5th av, New York  
 Chase L. C. & Co. ("Chase Leatherwove" Leather Substitute), 89 Franklin, Boston, Mass. *See adv index at end of book*  
 Cook's Linoleum Co., Trenton, N. J.  
 Cott-a-lap Co., Somerville, N. J.  
 Embossed Wall Covering Co. ("Unitas" Tiling), 880 N 48th, Phila., Pa.  
 Fiberlic Co., Camden, N. J.  
 Grimond J. & A. D., Ltd. (H. N. Gildea, Agent) (Burlaps), 320 B'way, New York  
 Lincrusta Works, Inc. ("Pallas" & "Lincrusta Walton"), 121 E 24th, N. Y.  
 Lloyd W. H. S. Co., 105 W 40th, New York  
 Richter Mfg. Co. ("Tapestrolea" Burlaps & Canvas), Tenafly, N. J.  
 Standard Oil Cloth Co. ("Sanitas" Washable), 320 B'way, New York  
 Wiggins H. B. Sons Co. ("Fab-Ri-Ko-Na"), Bloomfield, N. J.



**16607— Wall Finish**

Adams & Elting Co. ("Naples Velvet Finish" Washable), 726 Washington Blvd., Chicago, Ill.  
 Alabastine Co. ("Alabastine"), Grand Rapids, Mich.  
 American Soapstone Finish Co. (Soapstone), Chester Depot, Vt.  
 Anti-Kalsomine Co., Grand Rapids, Mich.  
 Arlington Mfg. Co. ("Richtone"), Canton, Ohio  
 Boydell Bros. White Lead & Color Co. ("Solvane," "Washable," for Walls, Radiators, Ceilings, Wood, Metal, etc), Detroit, Mich.  
 Cardiff Gypsum Plaster Co. ("Kallolite"), Fort Dodge, Iowa  
 Diamond Wall Finish Co. ("Gypsine"), Grand Rapids, Mich.  
**FOX M. EWING CO.** ("Muralite" & "Calcitine"), 241 E 136th New York  
*See advt. under Paint Mfrs. & index at end of book*  
 Hockaday Co., 1831 Carroll, Chicago, Ill.  
 Keystone Plaster Co. (Hard White & Sand Finish), Chester, Pa.  
 Lawrence W. W. & Co. ("Law-Re-Mo" Cold Water & Dresden Flat Finish), W Carson, Pittsburgh, Pa.  
 Manhattan Color Works ("Fres-Ko-Kote"), 793 11th av. New York  
 Moore Benjamin & Co. ("Muresco"), 231 Front, Brooklyn, N. Y.  
 Muralo Company ("Cacino"), Richmond Terrace, New Brighton, Boro. of Richmond, N. Y.  
 National Mortar & Supply Co., 2d Nat'l Bank bldg, Pittsburgh, Pa.  
 Ohio & Western Lime Co. ("Lion" Brand Rock Wall Finish), Huntington, Ind.  
 Pierce F. O. Co. ("Sancota," "Pieresco"), 12 W B'way, New York  
 St. Paul White Lead & Oil Co. ("Lion"), Water & Starkey, St. Paul, Minn.  
 Tropical Paint & Oil Co. ("Tocotone"), W 70th, Cleveland, O.  
 Troy Cold Water Kalsomine Co., Troy, N. Y.  
 United States Gypsum Co. ("Adamant," "Imperial," "Ivory," "Granite," "Rock," "Alabaster," "Universal," "Silico"), 205 W Monroe, Chicago, Ill.  
 Wasem Plaster Co. ("Monarch"), Ft. Dodge, Ia.  
 Whittaker W. H. Co. ("Wall-O"), 250 Front, New York  
 Woodville Lime Products Co. (White Enamel), Toledo, O.  
 Yarnall Paint Co. ("Marbloid," Washable), 1026 Race, Phila., Pa.

**16608— Wall Finish (Imitation Stone)**

United States Gypsum Co. (Caen Stone), 205 W Monroe, Chicago, Ill.

**16609—Wall Paper (Fire-Proof)**

Ehret Magnesia Mfg. Co., Land Title bldg, Phila., Pa. Works: Valley Forge, Pa.

**16610— Wall Paper Mfrs.**

Allen Higgins Wall Paper Co. ("Vogue"), Worcester, Mass.  
 Art Wall Paper Mills, 2414 W 21st, Chicago, Ill.  
 Audebert Wall Paper Mill, 1807 Foster av, Chicago, Ill.  
 Baek Wall Paper Co., 233 37th, Brooklyn, N. Y.  
 Bailey Wall Paper Co., 1915 W 96th, Cleveland, O.  
 Barnes Rudolph & Co., York, Pa.  
 Becker, Smith & Page, (Inc.), Snyder av & Water, Phila., Pa.  
 Birge M. H. & Sons Co., Buffalo, N. Y.  
 Bosch Henry Co., 485 5th av, New York  
 Campbell Wm. Wall Paper Co., Hackensack, N. J.  
 Carey Bros. Wall Paper Mfg. Co., 1023 Filbert, Phila., Pa.  
 Chicago Wall Paper Mill, Steubenville, O.  
 Cott-a-lap Co., Somerville, N. J.  
 Gilbert Wall Paper Co., York, Pa.  
 Gledhill Wall Paper Co., 541 W 34th, New York  
 Graves Robert Co., 169 Madison av, New York  
 Hamilton Wall Paper Co., Wayside av, Jersey City, N. J.  
 Imperial Wall Paper Co., Glens Falls, N. Y.

Janeway & Carpenter, New Brunswick, N. J.  
 Joliet Wall Paper Mills, Joliet, Ill.  
 Kayser & Allman, 1522 Chestnut, Phila., Pa.  
 Lloyd W. H. S. Co. (Imp.), 105 W 40th, New York  
 Mairs W. H. & Co., 68 Sackett, B'klyn, N. Y.  
 Peats Alfred Co., 41 W 14th, New York  
 Pittsburgh Wall Paper Co., New Brighton, Pa.  
 Quaker City Wall Paper Co., E Thompson & E Westmoreland, Phila., Pa.  
 Rose Richard, Beverly, N. J.  
 Sears, Roebuck & Co. (Wall Paper Mill), 1020 S Spaulding av, Chicago, Ill.  
 Standard Wall Paper Co., Hudson Falls, N. Y.  
 Star-Peerless Wall Paper Mills, Joliet, Ill.  
 Strahan Thos. Co., Chelsea, Mass.  
 Sun Wall Paper Mfg. Co., Reading, Pa.  
 Thibaut Richard E. (Job), 153 Madison av, New York  
 Thomas Jacob Co., Newark, Del.  
 Vornhold Wall Paper Co., Tioga & Memphis, Phila., Pa.  
 Wallace Wall Paper Co., Cortland, N. Y.  
 York Card & Paper Co., York, Pa.  
 York Wall Paper Co., York, Pa.

**16611—Wallets (Bank Messengers')**

Bates Bros. Co., Athol, Mass.  
 Boston Pocket Book Co., 169 Massachusetts av, Boston, Mass.

**16612— \*Wands (Calisthenic)**

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

**16612a—Wardrobes (Clothing)**

Grand Rapids Show Case Co. ("New Way Crystal" Wood), Grand Rapids, Mich.  
 Himmel M. L. & Son ("Brilliant Ideal"), 109 N Frederick av, Baltimore, Md.

**16613— Wardrobes (Office)**

Art Metal Construction Co., Jamestown, N. Y.  
 Crown Metal Construction Co. (Sheet Metal), Jamestown, N. Y.  
**DAHLSTROM METALLIC DOOR CO.**, (Artistically finished, Rodent, & Fire-proof), 35 Blackstone av, Jamestown, N. Y. *See adv index at end of book*  
 Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Hofman John Co., Rochester, N. Y.  
 Sargent Mfg. Co., Muskegon, Mich.

**16614—\*Wardrobes (Steel, Fire-proof)**

**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone, Jamestown, N. Y.  
*See adv index at end of book*  
 Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

**16615— Wardrobes (Ventilated, School & Hotel)**

*See also Lockers, Metallic*  
 Dexter Metal Mfg. Co. (Steel), 93 Arch, Camden, N. J.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Grant Pulley & Hardware Co., 101 Park av, New York  
**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Terrell's Equipment Co., Broadway, Grand Rapids, Mich.  
 Wilson J. G. Corp'n, The Chief Office: 8 W 40th, New York. Mills and Factory, Norfolk, Va.

**16616—Warmers (Milk, Electric)**

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**16617—Warmers (Plate, for Hotels, Etc.)**

Hutchinson Bros., 5 So Howard, Baltimore, Md.  
 Prometheus Electric Co. (Electric), 511 W 42d, New York  
 Sexton S. B. Stove & Mfg. Co. (Gas), 500 Block W Conway, Baltimore, Md.

**Wash Trays (Porcelain)**

*See Bath Tubs, Porcelain*

**16618— Washboard Mfrs.**

**Ashboro Wheelbarrow Co.**, Ashboro, N. C.  
 Autt Wooden Ware Co., Cincinnati, O.  
 Austell Swing & Ladder Co., Austell, Ga.  
 Burdett Mfg. Co., Kansas City, Mo.  
 Carolina Washboard Co., Raleigh, N. C.  
 Cupples Sam'l Woodenware Co., 7th & Spruce, St. Louis, Mo.  
 Haysler Mfg. Co. (Solid Metal Galvanized Iron), Clinton, Mo.  
 Highland Glass Co. (Glass), Washington, Pa.  
 Hooper F. E. & Son, Biddeford, Me.  
 Ideal Sad-Iron Mfg. Co., Cleveland, O.  
 Kanneberg Roofing & Ceiling Co. ("Sani-Steel" Sheet Metal), Canton, O.  
 Lawn John A. ("Easy-Lask"), Lewistown, Pa.  
 Manhattan Washboard Co. (Glass, Zinc, Coated Steel & Galvanized), 323 Pearl, New York  
 Marietta Glass Mfg. Co. (Glass), Indianapolis, Ind.  
 Mississippi Glass Co. (Glass), 220 5th av, New York  
 National Washboard Co. ("Crown Combination," "Invincible," "Daisy," "Northern Queen," "Brass King," "Town Talk," "Red Cross," "Peerless," "Dawn Protector," "Seal Star," "North Star," "Red Star," "Reliable" Metal, "Glass King," "White Hen" Glass), 72 W Adams, Chicago, Ill.  
 Saginaw Mfg. Co., Saginaw, Mich.  
 Wabash Screen Door Co., 72 W Adams, Chicago, Ill.  
 Wayne Mfg. Co. ("Wayne"), 124 Sidney, St. Louis, Mo.

**16619—Washbowls (Sanitary)**

Gaylord Sanitary Mfg. Co., Rochester, N. Y.  
 Maddock's Thos. Sons Co., Trenton, N. J.  
 Manufacturing Equipment & Engineering Co. ("Meeco" Enameled, Galvanized or Plain Iron for Factories), 136 Federal, Boston, Mass.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Union Sanitary Mfg. Co., Rochester, N. Y.

**16619a—Washer-Scalders (Tomato & Fruit)**

**JEFFREY MFG. CO.**, 961 N 4th, Columbus, O. *See adv index at end of book*

**16620— Washers (Air)**

**Bicalky Fan Co.** ("Bicalky"), Buffalo, N. Y.  
 Carrier Air Conditioning Co., 39 Cortlandt, New York  
 Clarage Fan Co., North & Porter, Kalamazoo, Mich.  
 Iroquois Engineering Co. ("Acme"), 343 S Dearborn, Chicago, Ill.  
 Narowetz Heating & Ventg. Co. ("Little Niagara"), 225 W Lake, Chicago, Ill.  
 New York Blower Co. ("Peerless"), Archer av & Canal, Chicago, Ill.  
 Spray Engineering Co. (& Coolers), 93 Federal, Boston, Mass.  
 Sturtevant B. F. Co., 15 Damon, Hyde Park, Boston, Mass.  
*See adv index at end of book*  
 Thomas & Smith, 116 N Carpenter, Chicago, Ill.  
 Webster Warren & Co., Camden, N. J.  
 Zellweger J. & Sons, St. Louis, Mo.

**16621—Washers (Air Brake)**

Boston Belting Co., 84 Linden Park, Boston, Mass.  
 Combination Rubber Mfg. Co., Bloomfield, N. J.  
 Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.



Graphite Lubricating Co. ("Bound Brook," "Nigrum" Oilless, Main, Bound Brook, N. J.  
N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.  
Pennsylvania Rubber Co., Jeannette, Pa.  
Schacht Rubber Mfg. Co., Huntington, Ind.  
**WESTINGHOUSE AIR BRAKE CO.**, Pittsburgh, Pa.

#### 16622—\*Washers (Aluminum)

**ERDLE PERFORATING CO.**, 181 York, Rochester, N. Y.  
*See adv index at end of book*  
**QUADRIGA MFG. & SPECIALTY CO.**, 218 W Grand av, Chicago, Ill.  
*See adv index at end of book*

#### 16623— Washers (Axle)

**ARGUTO OILLESS BEARING CO.** ("Arguto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Bardall J. C. Co. (Coiled Leather), Moundsville, W. Va.  
Bay State Axle Washer Co., 251 A, Boston, Mass.  
Diamond Whip Co. (Coiled Leather), 406 N Curtis, Chicago, Ill.  
Fernald Mfg. Co. (Coil & Solid), North East, Pa.  
Graphite Lubricating Co. ("Bound Brook," "Nigrum," Oilless), Main, Bound Brook, N. J.  
Harsh-Miller Mfg. Co. (Coil, for Carriages, etc), Wabash, Ind.  
McCarthy T. F., 255 A, So Boston, Mass.  
Wrought Washer Mfg. Co., Milwaukee, Wis.

#### 16624-5—Washers (Basket)

Tower Mfg. Co., Elm & Commerce, Cincinnati, O.  
Wrought Washer Mfg. Co., Milwaukee, Wis.

#### 16626—Washers (Bone & Fat)

Brecht Co. (Wire Mesh Cylinder), 1201 Cass av, St. Louis, Mo.

#### 16627—Washers (Brass & Copper)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*  
**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
**BARNES THE WALLACE CO.** ("Barnes-Made" Spring), 18 Wallace, Bristol, Conn. *See adv index at end of book*  
Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.  
Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.  
Bridgeport Brass Co., Bridgeport, Conn.  
Chandler Co. (Accurate, from 2-1000 Thickness), Springfield, Mass.  
Chicago Nut Co., 2513 W 20th, Chicago, Ill.  
Erdle Perforating Co., 181 York, Rochester, N. Y. *See adv index at end of book*  
**GASKET SUPPLY CO.** (Also Bronze), 1927 Ludlow, Phila., Pa.  
*See adv index at end of book*  
Gaynor Mfg. Co. (Brass for Steam Gas & Water Fittings), Bridgeport, Conn.

Goetze Gasket & Packing Co., New Brunswick, N. J.  
Grammes L. F. & Sons, Allentown, Pa.  
Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hill Geo. Q. Co. (Brass), 32 Dorchester av, Boston, Mass.  
Hill-Smith Metal Goods Co. (Copper), 88 Pearl, Boston, Mass.  
Hobbs Mfg. Co. ("American Wire"), Worcester, Mass.  
Humphrey H. W., Unionville, Conn.  
Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
Hussey C. G. & Co. (Copper Only), 2850 2d av, Pittsburgh, Pa.  
Kales-Haskel Co., 443 Lafayette, W Detroit, Mich.

### HEADQUARTERS for WASHERS

Washers made in all metals. Formed, flat and bevelled. Special sizes and shapes. May we have your inquiry?

**Massachusetts Machine Shop, Inc.**  
Worcester - - - Mass.

North Penn Washer Co., Drexel bldg, Phila., Pa.  
Pheoll Mfg. Co., 3700 W 12th, Chicago, Ill.  
Plume & Atwood Mfg. Co., Waterbury, Conn.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
Read A. P. Co., 568 W Washington, Chicago, Ill.  
Rome Brass & Copper Co., Rome, N. Y.  
Steele & Johnson Mfg. Co., Waterbury, Conn.  
Stimpson Edw. B. Co. (Also Bronze & Aluminum), 68 Franklin av, Brooklyn, N. Y.  
U. S. Indestructible Gasket Co., Church & Fulton, New York  
*See adv index at end of book*  
Waterbury Mfg. Co. (Brass), Waterbury, Conn.  
Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.  
Wrought Washer Mfg. Co. (Brass), Milwaukee, Wis.  
W. & S. Mfg. Co., Worcester, Mass.

#### Washers (Car Box)

*See Washers, Fibre, etc*

#### 16628—Washers (Cast Iron)

Bayonne Bolt & Nut Co., Bayonne, N. J.  
Bethlehem Steel Co., So Bethlehem, Pa.  
Buchanan Foundry Co., Lebanon, Pa.  
**BUFFALO FOUNDRY & MACHINE CO.**, 65 Winchester av, Buffalo, N. Y.  
*See adv index at end of book*  
Camden Iron Works, Salem, Va.  
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

Cheney S. & Son, Manlius, N. Y.  
**Columbus Bolt Works Co.**, Columbus, O.  
Davies & Thomas Co., Catasauqua, Pa.  
Decatur Cornice & Roofing Co., New Decatur, Ala.  
Devine J. P. Co., Buffalo, N. Y.  
Drummond Mfg. Co., Louisville, Ky.  
**Empire Galvanizing Co.**, 2507 E Cumberland, Phila., Pa.  
Etna Foundry Co., Etna, Pa.  
Hampton Mfg. Co., Hampton, Va.  
Harkins T. B. Foundry Co., Bristol, Pa.  
Haskell Wm. H. Mfg. Co., Pawtucket, R. I.  
Hoopes & Townsend Co., Broad & Buttonwood, Phila., Pa.  
Indiana Foundry Co., Indiana, Pa.  
Iron City Foundry Co., Lebanon, Pa.  
Keagy & Lear Machine Co., Coshocton, O.  
Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
McDowell Foundry Co., Chicago Heights, Ill.  
**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
Milton Mfg. Co., Milton, Pa.  
Moran Bolt & Nut Mfg. Co. 1st & Florida, St. Louis, Mo.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.  
**Payne's Bolt Works**, 133 Howard, San Francisco, Cal.  
Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.  
Price-Evans Foundry Co., Chattanooga, Tenn.  
Read A. P. Co., 568 W Washington, Chicago, Ill.  
Republic Mfg. Co., Milwaukee, Wis.  
St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.  
**ST. PAUL FOUNDRY CO.**, Como av & Mackubin, St. Paul, Minn.  
*See adv index at end of book*  
South Bend Foundry Co., South Bend, Ind.  
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.  
Western Iron & Foundry Co., Wichita, Kan.  
Wrought Washer Mfg. Co., Milwaukee, Wis.

#### 16629— Washers (Caster)

Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.  
*See adv index at end of book*

#### 16630— Washers (Cork)

Armstrong Cork Co. (Natural Cork, "Ac-co," "Suberit," "Acme," "Rubber Cork," "Linoleum"), 24th & A. V. R. R., Pittsburgh, Pa.  
Bond Bottle Sealing Co., 501 Monroe, Wilmington, Del.  
**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. *See adv index at end of book*  
Silver Crown Cork Co., 1457 Broadway, New York

#### 16630a—\*Washers (Countersink)

Massachusetts Machine Shop (Inc.), Worcester, Mass. *See adv index at end of book*

## THE GASKET SUPPLY COMPANY

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Asbestos, Aluminum, Bronze, Brass, Cork, Cardboard, Copper, Duck, Fibre, Felt, Iron, Lead, Leather, Mica, Millboard, Paper, Rubber, Steel, Rawhide, Monel Metal, Tin, Wood, Zinc.

### WASHERS MADE TO ORDER

*Send Blue Prints or Sketches for Prices*

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1927 Ludlow St., PHILADELPHIA, PA.



**16631— \*Washers (Elastic)**

Standard Fibre Co. (Flexible Fibre), Mil-  
ler, Somerville, Mass.

**16632— Washers (Felt)**

Bacon Felt Co. ("Bacon"), Winchester,  
Mass.  
Barwood L. J. Co. ("Barwood"), Stone-  
ham Station, Boston, Mass.  
*See adv index at end of book*  
Booth Felt Co. Inc., 440 19th, B'klyn,  
N. Y.  
Braunsdorf George W., 430 E 53d, New  
York  
Brawley T. R., 85 Adams, Brooklyn, N. Y.  
**GASKET SUPPLY CO.**, 1927 Ludlow,  
Phila., Pa. *See adv index at end of book*  
House Chas. W. & Sons, Unionville, Conn.  
McCarthy T. F., 255 A, So Boston, Mass.  
Marston I. G. & Co., 226 Ruggles, Boston,  
Mass.  
Star Felt Cutting Co., 260 69th, Brooklyn,  
N. Y.  
Tingue, Brown & Co., 118 E 25th, New  
York

**16633— Washers (Fibre)**

*See also Fibre, Hard*

American Vulcanized Fibre Co. (Vulcan-  
ized for Cock, Spigot, Tap, etc), 504  
Equitable bldg, Wilmington, Del.  
**ARGUTO OILLESS BEARING CO.** ("Ar-  
guto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Barwood L. J. Co. ("Barwood"), Stone-  
ham Station, Boston, Mass.  
*See adv index at end of book*  
Bettcher Mfg. Co., 6120 Clark av, S W,  
Cleveland, O.  
Brandywine Fibre Products Co., East Wil-  
mington, Del.  
Braunsdorf Geo. W., 40 E 53d, New York  
Continental Fibre Co. ("Bakelite-Dilecto,"  
& Vulcanized Fibre & "Continental-  
Bakelite" for All Purposes), Newark  
Centre, Del.  
**DELAWARE HARD FIBRE CO.** (Cock,  
Spigot, Tap, etc), Wilmington, Del.  
*See adv index at end of book*  
Diamond State Fibre Co. (For All Pur-  
poses), Elsmere, Del.  
**GASKET SUPPLY CO.**, 1927 Ludlow,  
Phila., Pa. *See adv index at end of book*  
Goepel C. F. & Co., 137 E 13th, New York  
Graphite Lubricating Co. ("Nigrum" Oil-  
less), Main, Bound Brook, N. J.  
Leatheroid Mfg. Co., Kennebunk, Me.  
National Fibre & Insulation Co., York-  
lyn, Del.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213  
W Grand av, Chicago, Ill.  
*See adv index at end of book*  
**SPAULDING J. & SONS CO.** (Hard  
Fibre), P. O. Box 52, Tonawanda,  
N. Y. *See adv index at end of book*  
Standard Fibre Co., Miller, Somerville,  
Mass.  
**WILMINGTON FIBRE SPECIALTY CO.**,  
Wilmington, Del.  
*See adv index at end of book*  
Worcester Stamped Metal Co., Worcester,  
Mass.

**16634— Washers (Friction)**

**ARGUTO OILLESS BEARING CO.** ("Ar-  
guto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Morgan Spring Co., Worcester, Mass.

**16635— Washers (Galvanized)**

Bettcher Mfg. Co., 6120 Clark av, S W,  
Cleveland, O.  
Empire Galvanizing Co., 2507 E Cumber-  
land, Phila., Pa.  
Hubbard & Co., 63d & Butler, Pitts-  
burgh, Pa.  
National Bolt & Nut Co., Pittsburgh, Pa.  
Nictown Plate Washer Co., 1324 Juniata,  
Phila., Pa.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213  
W Grand av, Chicago, Ill.  
*See adv index at end of book*  
Wrought Washer Mfg. Co., Milwaukee, Wis.

**Washers (Gas)**

*See Purifiers & Scrubbers, Gas*

**16636— Washers (Insulating)**

American Vulcanized Fibre Co., 504 Equi-  
table bldg, Wilmington, Del.  
**ARGUTO OILLESS BEARING CO.** ("Ar-  
guto"), Wayne Junction, Phila., Pa.  
*See adv index at end of book*  
Barwood L. J. Co. ("Barwood"), Stone-  
ham Station, Boston, Mass.  
*See adv index at end of book*  
Continental Fibre Co. (Vulcanized Fibre  
& "Continental-Bakelite" & "Bakelite-  
Dilecto"), Newark Centre, Del.  
**DELAWARE HARD FIBRE CO.**, Wil-  
mington, Del. Works, Marshallton,  
Del. *See adv index at end of book*  
Diamond State Fibre Co., Elsmere, Del.  
Fox Jno. M. & Co. ("Fibrine"), Portland,  
Me.  
Johns H. W.-Manville Co. ("J-M," "Vul-  
cabeston"), Madison av & 41st, New  
York  
Leatheroid Mfg. Co., Kennebunk, Me.  
Meirowsky Bros., 106 Broadway, Jersey  
City, N. J.  
Mica Insulator Co. ("Micanite"), 68  
Church, New York  
Morley Mfg. Co. ("Milonite," "Perfection,"  
Nails), 120 Boylston, Boston, Mass.  
National Fibre & Insulation Co., York-  
lyn, Del.  
Parker & Hafner, Williamsport, Pa.  
**QUADRIGA MFG. & SPECIALTY CO.**  
(Fibre), 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
Rhode Island Washer Co., Valley Falls,  
R. I.  
Salem Leather Co., Salem, Mass.  
Schoonmaker Adrian O., 88 Park pl, New  
York  
Spaulding J. & Sons Co. (Fibre), P. O. Box  
52, Tonawanda, N. Y.  
*See adv index at end of book*  
Standard Fibre Co., Miller st, Somerville,  
Mass.  
**WILMINGTON FIBRE SPECIALTY CO.**,  
Wilmington, Del.  
*See adv index at end of book*

**16637— Washers (Iron & Steel)**  
Allegheny Steel Co. (Round & Square  
Steel Plate Washers for Axle, Draft  
Pin, etc), Oliver bldg, Pittsburgh,  
Pa. Works: Brackenridge, Pa.  
American Bolt Co., Birmingham, Ala.  
American Bridge Co., 30 Church, New  
York  
American Equipment Co., Norristown, Pa.  
American Nut & Bolt Fastener Co.  
(Wrought Iron & Steel), Ontario &  
Doerr, Pittsburgh, Pa.  
Armstrong & Parker, Bath & North, Bal-  
timore, Md.  
**BARNES THE WALLACE CO.** ("Barnes-  
Made" Tempered Steel), 18 Wallace,  
Bristol, Conn.  
*See adv index at end of book*  
Bayonne Bolt & Nut Co., Bayonne, N. J.  
Beall Bros., Alton, Ill.  
Bethlehem Steel Co., So Bethlehem, Pa.  
Bettcher Mfg. Co., 6120 Clark av, S W,  
Cleveland, O.  
Clark A. N. & Son, Plainville, Conn.  
Clark Bros. Bolt Co., Milldale, Conn.  
*See adv index at end of book*  
Cleveland Wrought Washer Co. ("Stand-  
ard," Tire-Bolt, Special, etc), Cleve-  
land, O.  
Cobb & Drew (Small), Plymouth, Mass.  
Columbus Bolt Works Co., Columbus, O.  
Corbin Screw Corporation, New Britain,  
Conn.  
Eastern Bolt & Nut Co., E Providence,  
Providence, R. I.  
Erdle Perforating Co., 181 York, Roches-  
ter, N. Y. *See adv index at end of book*  
Erie Forge Co., Erie, Pa.  
**GASKET SUPPLY CO.**, 1927 Ludlow,  
Phila., Pa. *See adv index at end of book*  
Graham Nut Co., 1317 W Carson, Pitts-  
burgh, Pa.  
Grammes L. F. & Sons, Allentown, Pa.  
Greenlie, Wyatt & Co., 499 Water, New  
York  
Griffin Mfg. Co. (Wrought), Erie, Pa.  
Hager C. & Sons Hinge Mfg. Co., (Wrought  
Steel), St. Louis, Mo.  
Hall's Sam'l Sons, 229 W 10th, New York  
Harry Bros. Mfg. Co. (Steel Only), 282  
Woodbridge, E Detroit, Mich.  
Haskell Wm. H. Mfg. Co., Pawtucket,  
R. I.  
Hill Geo. Q. Co., 32 Dorchester av, Bos-  
ton, Mass.  
Hitner's Henry A. Sons Co., Huntington  
& Aramingo av, Phila., Pa.

Hoopes & Townsend Co., Broad & Button-  
wood, Phila., Pa.  
Horner W. S. & Co., Oliver bldg, Pitts-  
burgh, Pa.  
Hubbard & Co., 63d & Butler, Pittsburgh,  
Pa.  
Humphrey H. W., Unionville, Conn.  
Judson Mfg. Co., 819 Folsom, San Fran-  
cisco, Cal.  
Kales-Haskel Co., 443 Lafayette, W De-  
troit, Mich.  
Kansas City Bolt & Nut Co., Kansas City,  
Mo.  
Lanz Mathew & Sons (Square & Round),  
2907 Carson, Pittsburgh, Pa.  
Lebanon Valley Iron & Steel Co. (Plate  
Washers), Lebanon, Pa.  
McKinney Mfg. Co. (Steel), N S, Pitts-  
burgh, Pa.  
Mansfield Lock Washer Co., Mansfield, O.  
*See adv index at end of book*  
Maryland Bolt Co., Continental bldg,  
Baltimore, Md.  
**Massachusetts Machine Shop (Inc.)**  
(Steel), Worcester, Mass.  
*See adv index at end of book*  
Meyer & Co., Throopsville, N. Y.  
Milton Mfg. Co., Milton, Pa.  
Moran Bolt & Nut Mfg. Co., 1st & Florida,  
St. Louis, Mo.  
National Bolt & Nut Co., Pittsburgh, Pa.  
National Mfg. Co. (Wrought Steel), Ster-  
ling, Ill.  
New Castle Steel & Iron Co. (Wrought),  
Pittsburgh, Pa.  
New England Bolt Co., Everett, Mass.  
Nictown Plate Washer Co. (Round or  
Square), 1324 Juniata, Phila., Pa.  
North Penn Washer Co., Drexel bldg,  
Phila., Pa.  
Ohio Shovel & Stamping Co. (Wrought),  
Dover, O.  
Oliver Iron & Steel Co. (Wrought), S 10th  
& Muriel, Pittsburgh, Pa.  
Pawtucket Mfg. Co., Pawtucket, R. I.  
Payne's Bolt Works (Wrought), 133 How-  
ard, San Francisco, Cal.  
Philadelphia Machine Screw Works (Spe-  
cial Size, Any Material), 624 Race,  
Phila., Pa.  
Pittsburgh Rivet Co., 38th & Junction  
R R, Pittsburgh, Pa.  
Pittsburgh Screw & Bolt Co. (Wrought),  
Preble av, Pittsburgh, Pa.  
Plymouth Mills (Small), Plymouth, Mass.  
**QUADRIGA MFG. & SPECIALTY CO.**, 213  
W Grand av, Chicago, Ill.  
*See adv index at end of book*  
Read A. P. Co., 568 W Washington, Chi-  
cago, Ill.  
Reed & Prince Mfg. Co., Worcester, Mass.  
Reliance Mfg. Co. (Steel Plate), Massil-  
lon, O.  
Republic Iron & Steel Co. (Steel), Youngs-  
town, O.  
Republic Structural Iron Works Co. (Steel-  
Heavy), E 53d & Lakeside av, Cleve-  
land, O.  
Rhode Island Tool Co., Providence, R. I.  
Richards-Wilcox Mfg. Co. (Steel), Aurora,  
Ill.  
Ryerson Jos. T. & Son, 2558 W 16th, Chi-  
cago, Ill.  
St. Louis Screw Co. (Wrought), Clarence  
& Bulwer avs, St. Louis, Mo.  
Schaper Construction Material Co. (Steel),  
90 West, New York  
Sessions J. H. & Son (Steel), Bristol, Conn.  
Sharon Steel Hoop Co. (Steel Only),  
Youngstown, O.  
Shelton Co., Shelton, Conn.  
Smith Thos. Co., Worcester, Mass.  
Sparks-Withington Co. (Steel), Jackson,  
Mich.  
**STANLEY WORKS** (Wrought Steel), New  
Britain, Conn.  
*See adv index at end of book*  
Stimpson Edw. B. Co., 68 Franklin av,  
Brooklyn, N. Y.  
Taunton Rivet Works (Steel), Taunton,  
Mass.  
Torsion Nut Lock & Washer Co. ("Tor-  
sion" Hexagon Steel), 141 Milk, Bos-  
ton, Mass. *See adv index at end of book*  
Universal Safety Tread Co., Waltham,  
Mass.  
Upson Nut Co., Cleveland, O.  
Wilcox, Crittenden & Co., Middletown,  
Conn.  
Wilmington Malleable Iron Works of  
Eastern Malleable Iron Co. (Malleable  
Iron), Wilmington, Del.  
Wine Railway Appliance Co. ("Wine"),  
Socket Washer, Toledo, O.



Worcester Stamped Metal Co., 9 Hunt, Worcester, Mass.  
Wrought Washer Mfg. Co. (Wrought & Steel Plate of all Kinds), Milwaukee, Wis.

### 16638— Washers (Lead)

**AKRON METALLIC GASKET CO.**, 142 N Union, Akron, O.  
*See adv index at end of book*

American Casting Co., Brooklyn, N. Y.  
Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.  
*See adv index at end of book*

Bogue-Wensley Lead Co., Denver, Colo.  
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.

Delphos Mfg. Co., 1st & Pierce, Delphos, O.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

Emrich Phil (For Roofers), 824 Main, Cincinnati, O.

Garry Iron & Steel Co., Niles, O.  
**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Harry Bros. Mfg. Co., 282 Woodbridge, E Detroit, Mich.

Kales-Haskel Co., 443 Lafayette, W Detroit, Mich.

Lawrence Shot & Lead Co., Omaha, Neb.  
Littleford Bros. (For Roofers), 444 E Pearl, Cincinnati, O.

**QUADRIGA MFG. & SPECIALTY CO.**, 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.

Selby Smelting & Lead Co., 201 1st, San Francisco, Cal.

Souther E. E. Iron Co. (For Roofers), Klenlin & Hamburger, St. Louis, Mo.

Stimpson Edw. B. Co., 68 Franklin av, Brooklyn, N. Y.

United Lead Co., 111 B'way, New York  
Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.

### 16639— Washers (Leather)

Auburn Leather Goods Co., Auburn, N. Y.  
Bardall J. C. Co. (Coiled, etc), Moundsville, W. Va.

Barwood L. J. Co., Stoneham, Mass.

### THE L. J. BARWOOD CO.



Stoneham Station, Boston, Mass.

Manufacturers of Washers, Gaskets, and Packings of Leather, Felt, Fibre, Cardboard, Asbestos, Paper, Lead, to order of machinery and automobile builders, electric plants, water works, gas works, shipbuilders, brass goods and pump manufacturers, piano, player-piano and organ manufacturers, etc., etc.

Any size from 1-8" to 8 feet diameter: any shape or style to suit your particular requirements.

Submit your B-P or samples, and receive our very attractive prices by return mail.

**THE L. J. BARWOOD CO.**, Stoneham Station - Boston, Mass.

Bay State Axle Washer Co., 251 A, Boston, Mass.

Bunnell W. H., 131 Worth, New York  
Chicago Leather & Mercantile Co., 1848 W 14th, Chicago, Ill.

Chicago Rawhide Mfg. Co. (Rawhide), 1301 Elston av, Chicago, Ill.

Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.

Detroit Leather Specialty Co. (Inc.), ("Wear Well"), 275 Beecher av, Detroit, Mich.

Diamond Whip Co. (Coiled, etc), 406 N Curtis, Chicago, Ill.

**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Glauber M. & Co., 103 Varick, New York  
Glauber Samuel S., 242 E 79th, New York

Graton & Knight Mfg. Co., Worcester, Mass.

Hoffeld R. & Co. (For Axles), 61 Carroll, Buffalo, N. Y.

Houghton E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.

Hudson Belting Co., 3 Eaton pl, Worcester, Mass.

Judd & Leland Mfg. Co., Clifton Springs, N. Y.

Kendrick Valve & Washer Co., Syracuse, N. Y.

Marston I. G. & Co., 226 Ruggles, Boston, Mass.

National Leather Mfg. Co., Niles, Mich.  
New York Washer Works Co., 89 Morton, New York

Nott W. S. Co., 2d av, N & 3d, Minneapolis, Minn.

Page Belting Co., Concord, N. H.

**QUADRIGA MFG. & SPECIALTY CO.**, 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

Ranville F. Co., Grand Rapids, Mich.

United States Whip Co., Westfield, Mass.

### 16640—Washers (Leather Coil for Whips, Etc.)

Bardall J. C. Co., Moundsville, W. Va.

### 16641— Washers (Lock)

American Nut & Bolt Fastener Co. ("Bartley" for Splice Joints, Car Trucks, etc), Ontario, & Doerr, North Side, Pittsburgh, Pa.

Eagle Bolt & Forging Co., Cleveland, O.

Flannery J. Rogers & Co. (Nut Locks), Vanadium bldg, Pittsburgh, Pa.

Hobbs Mfg. Co. ("American Wire"), Worcester, Mass.

Kales-Haskel Co., 443 Lafayette, W Detroit, Mich.

Jones Positive Nut Lock Co., 2812 S Wabash av, Chicago, Ill.

Mansfield Lock Washer Co. ("Mansfield"), Mansfield, O. *See adv index at end of book*

### HIGH QUALITY SPRING LOCK WASHERS



For Automobiles and Parts, Machinery, Electrical Equipment and all General Purposes.

Manufactured by

**THE MANSFIELD LOCK WASHER CO.**

Mansfield, Ohio

National Lock Washer Co., 65 Johnson, Newark, N. J.

National Umbrella Frame Co. ("Never-slip"), 30th & Thompson, Phila., Pa.

Positive Lock Washer Co. of America, Av A, Newark, N. J.

**QUADRIGA MFG. & SPECIALTY CO.** ("Plain Pattern," "National Pattern," "Positive Pattern"), 213 W Grand av, Chicago, Ill.

*See adv index at end of book*

Reliance Mfg. Co. ("Reliance"), Massillon, O.

St. Louis Screw Co., Clarence & Bulwer avs, St. Louis, Mo.

Steel Specialties Co. ("Worth" Wedge Washer), Waltham, Mass.

United States Expansion Bolt Co., Duane & Elm, New York

Verona Tool Works, Oliver bldg, Pittsburgh, Pa.

### 16642—Washers (Malleable Iron)

National Malleable Castings Co., Cleveland, Ohio

Wrought Washer Mfg. Co., Milwaukee, Wis.

### Washers (Mica)

*See Mica, Manufactured*

### Washers (Milk Can)

*See Machines, Milk Can Washing*

### 16643—Washers (Name Plate)

Wolverine Brass Works, Grand Rapids, Mich.

### 16644—Washers (Nickel Plated)

Bettcher Mfg. Co., 6120 Clark av, S W, Cleveland, O.

Springfield Mach. Co., Springfield, Mass.

U. S. Indestructible Gasket Co., Church & Fulton, New York

*See adv index at end of book*

### 16645— Washers (Paper)

Braunsdorf Geo. W., 430 E 53d, New York

### 16646—Washers (Phosphor Bronze)

Akron Metallic Gasket Co., 142 N Union, Akron, O. *See adv index at end of book*

**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Goetze Gasket & Packing Co., New Brunswick, N. J.

Graphite Lubricating Co. ("Bound Brook"), Main, Bound Brook, N. J.

**QUADRIGA MFG. & SPECIALTY CO.**, 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

### 16647—Washers (Plate, Steel)

Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.

Cambria Steel Co. (Finished), Widener bldg, Phila., Pa.

Lebanon Valley Iron & Steel Co., Lebanon, Pa.

Massachusetts Machine Shop, Inc., Worcester, Mass. *See adv index at end of book*

Nicetown Plate Washer Co., 1324 Juniata, Phila., Pa.

Pottsville Bolt Co., Pottsville, Pa.

### 16648—Washers (Plumbers')

American Vulcanized Fibre Co. (Vulcanized Fibre), 504 Equitable bldg, Wilmington, Del.

Barwood L. J. Co. ("Barwood"), Stoneham Station, Boston, Mass.

*See adv index at end of book*

Continental Fibre Co. ("Continental-Bakelite" & "Bakelite-Dilecto" Fibre), Newark Centre, Del.

**DELAWARE HARD FIBRE CO.**, Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*

Diamond State Fibre Co., Elsmere, Del.

Empire Tire & Rubber Corp. (Rubber), East Trenton, N. J.

*See adv index at end of book*

Frost Mfg. Co. (Brass), Kenosha, Wis.

**GASKET SUPPLY CO.**, 1927 Ludlow, Phila., Pa. *See adv index at end of book*

Gaynor Mfg. Co., Bridgeport, Conn.

Good Mfg. Co. ("Good"), 305 E 134th, Grabler Mfg. Co., Cleveland, O.

Home Rubber Co., Trenton, N. J.

Kales-Haskel Co., 443 Lafayette W, Detroit, Mich.

Marston I. G. & Co., 226 Ruggles, Boston, Mass.

Mitchell A. L. & Son, 1866 Atlantic av, Brooklyn, N. Y.

National Fibre & Insulation Co., Yorklyn, Del.

Pennsylvania Rubber Co. (Rubber Bibb, Waste, etc), Jeannette, Pa.

Plume & Atwood Mfg. Co. (Brass, etc), Waterbury, Conn.

Rhode Island Washer Co., Valley Falls, R. I.

Standard Fibre Co. (Fibre), Miller st, Somerville, Mass.

U. S. Indestructible Gasket Co., Church & Fulton, New York

*See adv index at end of book*

Winkley Co., Detroit, Mich.

Wolverine Brass Works (Nickel Plated), Grand Rapids, Mich.

Woodward-Wanger Co. ("Flexo" Bibb), 1106 Spring Garden, Phila., Pa.

### 16649—Washers (Prop Block)

Searls Mfg. Co. (Leather), 29 Mulberry, Newark, N. J.

### 16650— Washers (Roof)

Horan Stay Hanger Co. (Galvanized), 1932 W Jefferson, Louisville, Ky.

### 16651— Washers (Rubber)

Acme Rubber Mfg. Co., Trenton, N. J.

Boston Belting Co., 84 Linden Park, Boston, Mass.

Boston Woven Hose & Rubber Co., Cambridge, Mass.



Bunnell W. H., 131 Worth, New York  
 Canfield H. O. Co., Bridgeport, Conn.  
 Combination Rubber Mfg. Co. ("Boss"),  
 Bloomfield, N. J.  
 Empire Tire & Rubber Corp., East Tren-  
 ton, N. J. *See adv index at end of book*  
**GASKET SUPPLY CO.**, 1927 Ludlow,  
 Phila., Pa. *See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Goodyear Rubber Co. & Rubber Clothing  
 Co., 787 B'way, New York  
 Gutta Percha & Rubber Mfg. Co., 126  
 Duane, New York  
 Hamilton Rubber Mfg. Co., Trenton,  
 N. J.  
 Hartford Rubber Works Co., Hartford,  
 Conn.  
 Home Rubber Co., Trenton, N. J.  
 Indiana Rubber & Insulated Wire Co.,  
 P. O. Box 192, Jonesboro, Ind.  
 Jenkins Bros., 80 White, New York  
 Manhattan Rubber Mfg. Co., Passaic,  
 N. J.  
 Marston I. G. & Co. (Machine Cut), 226  
 Ruggles, Boston, Mass.  
 Mechanical Rubber Co., 73 Reade, New  
 York  
 Mulconroy Co., 54th & Jefferson, Phila., Pa.  
 N. J. Car Spring & Rubber Co., 91 Brun-  
 swick, Jersey City, N. J.  
 N. Y. Belting & Packing Co., 91 Cham-  
 bers, New York  
 New York Rubber Co., Reade & Church,  
 New York  
 Norwalk Mfg. Co., E Norwalk, Conn.  
 Pennsylvania Rubber Co., Jeannette, Pa.  
 Quabaug Rubber Co. (Hose), N Brook-  
 field, Mass.  
 Quaker City Rubber Co., 629 Market,  
 Phila., Pa.  
 Revere Rubber Co., 60 High, Boston, Mass.  
 Schacht Rubber Mfg. Co., Huntington,  
 Ind.  
 Thermoid Rubber Co., Trenton, N. J.  
 United & Globe Rubber Mfg. Co., Trenton,  
 N. J.  
 Voorhees Rubber Mfg. Co., 18 Bostwick  
 av, Jersey City, N. J.  
 Whitehead Bros. Rubber Co., Trenton,  
 N. J.

### Washers (Screw)

*See Washers, Countersunk*

### 16652—Washers (Sherardized)

Wrought Washer Mfg. Co., Milwaukee,  
 Wis.

### 16653—\*Washers (Special Sizes, Any Material)

**AKRON METALLIC GASKET CO.**, 142  
 N Union, Akron, O.

*See adv index at end of book*  
**ERDLE PERFORATING CO.**, 181 York,  
 Rochester, N. Y.

*See adv index at end of book*  
**QUADRIGA MFG. & SPECIALTY CO.**,  
 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

### 16654—Washers (Spring)

**BARNES, THE WALLACE CO.** ("Barnes-  
 Made"), 18 Wallace, Bristol, Conn.

*See adv index at end of book*  
 Mansfield Lock Washer Co., Mansfield, O.  
*See adv index at end of book*

### 16654a—\*Washers (Square)

**QUADRIGA MFG. & SPECIALTY CO.**,  
 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

### 16655—Washers (Street & Hydrant)

American Fdry. & Mfg. Co., 11th & Her-  
 bert, St. Louis, Mo.

Haydenville Co. ("Lewis"), Haydenville,  
 Mass.

Hays Mfg. Co., Erie, Pa.

Hvass Chas. & Co., 511 E 18th, New York

Jarecki Mfg. Co. ("Jarecki," "Keystone"),  
 Erie, Pa.

Kupferle John C. Foundry Co., 1st &  
 Wright, St. Louis, Mo.

Rumsey Pump Co. (Ltd.), Box J, Seneca  
 Falls, N. Y. *See adv index at end of book*

### 16656—Washers (Tin)

Bettcher Mfg. Co., 6120 Clark av, S W,  
 Cleveland, O.

**GASKET SUPPLY CO.**, 1927 Ludlow,  
 Phila., Pa. *See adv index at end of book*  
 Grammes L. F. & Sons, Allentown, Pa.  
 Humphrey H. W. (Carpet, etc), Union-  
 ville, Conn.  
 National Sheet Metal Co. (Also Brass &  
 Nickel Tin & Zinc), Peru, Ill.  
**QUADRIGA MFG. & SPECIALTY CO.**,  
 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*  
 Robertson W. F. Steel & Iron Co. (Tuft-  
 ing), Elm & Commerce, Cincinnati, O.  
 Stimpson Edw. B. Co., 68 Franklin av,  
 Brooklyn, N. Y.

### 16656a—Washers (Tomato & Fruit)

**JEFFREY MFG. CO.**, 961 N Fourth,  
 Columbus, O. *See adv index at end of book*

### 16657—Washers (Tumbler)

Rowe L. L. ("No-thump"), 74 Portland,  
 Boston, Mass.

Whiteman Mfg. Co. ("Lightning"), Can-  
 ton, O.

### 16658—Washers (Vehicle)

Acklin Stamping Co. 1659 Dorr, Toledo, O.  
*See adv index at end of book*

Ardrey Vehicle Washer Co., Rochester,  
 N. Y.

Bettcher Mfg. Co., 6120 Clark av, S W,  
 Cleveland, O.

Nunn Brass Works ("Ford"), Rochester,  
 N. Y.

Read A. P. Co., 568 W Washington, Chi-  
 cago, Ill.

Ryan & Long ("Perfection," Overhead),  
 Appleton, Wis.

Star Brass Works ("Binks"), 319 N Al-  
 bany av, Chicago, Ill.

Vehicle Specialty Co. ("Excelsior," Re-  
 volving Overhead, "No. 2 Superior,"  
 Illuminating Overhead), Hartford,  
 Conn.

Walworth Mfg. Co. ("Walworth"), 798  
 First, Boston, Mass.

Wieben John Co. (Overhead), 2051 Lex. av,  
 New York

### 16659—Washers (Wooden)

Bogert & Hopper, 67 Barclay, New York

Estes E. B. Mfg. Co., 358 5th av, New  
 York *See adv index at end of book*

**GASKET SUPPLY CO.**, 1927 Ludlow,  
 Phila., Pa. *See adv index at end of book*

Stephenson Mfg. Co., South Bend, Ind.

### Washers (Wrought Iron & Steel)

*See Washers, Iron & Steel*

### 16660—Washers (Zinc)

**GASKET SUPPLY CO.**, 1927 Ludlow,  
 Phila., Pa. *See adv index at end of book*

**QUADRIGA MFG. & SPECIALTY CO.**,  
 213 W Grand av, Chicago, Ill.  
*See adv index at end of book*

Stimpson Edw. B. Co., 68 Franklin av,  
 Brooklyn, N. Y.

### Washers & Burrs (Brass & Copper)

*See Washers, Brass & Copper*

### 16661—Washing Machine Parts (Wood)

Piqua Handle & Mfg. Co., P. O. Box 307,  
 Piqua, O.

Stephenson Mfg. Co., South Bend, Ind.

Yost Gearless Motor Co., Springfield, O.

### 16662—Washing Machines (Clothes)

Adams Laundry Machinery Co., Troy, N. Y.

Almetal Mfg. Co. ("Almetal" Combination  
 Washer, Heater & Stove), 7227 Man-  
 chester av, St. Louis, Mo.

Altorfer Bros. Co. ("Roanoke" Power  
 Washer & Wringer), Peoria, Ill.

American Ironing Machine Co. ("Sim-  
 plex"), 166 N Michigan, Chicago, Ill.

American Laundry Machinery Co., 1800  
 N Spaulding av, Chicago, Ill.

American Wooden Ware Mfg. Co. ("Ev-  
 erybody's" Rotary, "Toledo" Rotary,  
 "American" Rotary, "Western," "Run-  
 Easy," "Monarch" Rotary & Electric  
 Motor), Toledo, O.

American Wringer Co., 99 Chambers, New  
 York

Apex Appliance Co., 3223 W 30th, Chi-  
 cago, Ill.

Arnold Electric Co. (Electric), Racine,  
 Wis.

Associated Mfrs. Co. ("Amanco," Power),  
 Waterloo, Ia.

At Last Washer Co. ("At Last"), Perry, Ia.

Automatic Electric Washer Co. ("Auto-  
 matic," Electric), Newton, Ia.

Barlow & Seeling Mfg. Co., Ripon, Wis.

Baughman N. C. ("New Miller"), York,  
 Pa.

Blackstone Mfg. Co. ("Blackstone," "Chal-  
 lenge," "Sun," "Qaulity," "New Pan  
 American," "Mission," "Rex," "Regal,"  
 "Imperial," "Quick-Time," "Vim,"  
 "Blackstone" Gasoline Power Washer,  
 "Blackstone" Electric Washer,  
 "Magic" Water Power Washer, "Im-  
 proved" Capital Water Power Washer,  
 "Dambless" Water Power Washer),  
 Jamestown, N. Y.

Boss Washing Machine Co. ("Banner"  
 Rotary), Cincinnati, O.

Brammer H. F. Mfg. Co. ("O. K. Rotary,"  
 "B. B.," "Brammer," "Great West-  
 ern," "O. J. C.," "O. K. Electric,"  
 "Original Brammer," "Peacemaker,"  
 "Snow E. White," "Klipper," "Knox-  
 all," "Flyer," "Speedy," "Royal  
 Stone"), Davenport, Ia.

Brokaw-Eden Mfg. Co. ("Eden"), Alton,  
 Ill.

Brown M. Co. ("United States"), Wapa-  
 koneta, O.

Buckeye Churn Co. ("Buckeye," "Hero,"  
 "Queen"), Sidney, O.

Camp Bros. & Co., Washington, Ill.

Capital Electric Co., 321 Sheldon, Chi-  
 cago, Ill.

Champion Washing Machine Co. ("Moni-  
 tor"), Cincinnati, O.

Chicago Dryer Co. ("Electric"), 630 S  
 Wabash av, Chicago, Ill.

Christman A. G. Co., Reading, Pa.

Coffield Motor Washer Co. ("Coffield,"  
 "U. M."), Dayton, O.

Complete Mfg. Co. Kenosha, Wis.

Constantine Casket Co., Constantine, Mich.

Cooper Sanitary Mfg. Co. ("Whirlpool,"  
 Water Power), 34th & Chestnut,  
 Phila., Pa.

Crystal Machine Co. (Electric), 18 Pi-  
 quette, Detroit, Mich.

Davenport Washing Machine Co. ("Snow  
 Ball," "Quick Action," "Picnic,"  
 "Cascade"), Davenport, Ia.

Dayton Welding & Mfg. Co. (Water  
 Power), Dayton, O.

Dexter Co. ("Dexter," Power & Electric),  
 Fairfield, Ia.

Dodge & Zuill, Syracuse, N. Y.

Domestic Laundry Equipment Corp. ("Do-  
 mestic"), 228 W 26th, New York

Doty Mfg. Co. ("Doty"), Dayton, O.

Dumond Mfg. Co. (Vacuum), Cedar Falls,  
 Ia.

Easiest Way Mfg. Co. ("Easiest Way"),  
 Sandusky, O.

Edwards Mfg. Co., Honey Creek, Ind.

Fairbanks, Morse & Co. ("Fairday"), 900  
 S Wabash av, Chicago, Ill.

Favorite Mfg. Co. ("Favorite" Motor &  
 "Ever Ready" Hand Power), 115 West  
 Vine, Columbus, O.

Federal Sign System (Electric), 640 W  
 Lake, Chicago, Ill.

Flisk Mfg. Co., Churubusco, Ind.

Fletcher Mfg. Co. (Motor), Newport, Ky.

Fosston Mfg. Co. ("Use A.," "Women's  
 Friend"), 473 Cleveland, St. Paul,  
 Minn.

Frantz Premier Co. (Electric), Ivanhoe  
 Rd., Cleveland, O.

G. & D. Mfg. Co., Streator, Ill.

Galloway Wm. Co., Waterloo, Ia.

Getz Power Washer Co. (Combination  
 Washer & Wringer), Morton, Ill.

Glascok Bros. Mfg. Co. ("Handy," "New  
 Era"), Muncie, Ind.

Globe Mfg. Co. ("Quicker Yet"), Perry,  
 Ia.

Grinnell Washing Machine Co. ("Gem"  
 Power), Grinnell, Ia.

Haag Bros Co., Peoria, Ill.

Hamilton Caster Mfg. Co. (Motor), Hamil-  
 ton, O.

Harvey W. W. & Son, Constantine, Mich.

Highlander Machine Co. (Motor-Driven),  
 Spencerport, N. Y.

Home Devices Corp. (Electric), 33 35th,  
 B'klyn, N. Y.

Home Specialty Mfg. Co. ("Laun-Dry-  
 ette" Washer & Dryer), 1015 Power  
 av, Cleveland, O.



Horton Mfg. Co. ("American," "Globe," "Horton," Electric, "Horton" Rotary), Fort Wayne, Ind.  
 Howe Co. ("Excello" Water Power), Wheeling, W. Va.  
 Hurley Machine Co. ("Thor" Electric Washer & Wringer), 29 S Clinton, Chicago, Ill.  
 Imperial Mfg. Co. ("Imperial," Electric), Sand Springs, Okla.  
 Irwin Mfg. Co. (Springless Motor), Front & Pike, Cincinnati, O.  
 Jackson Gas Engine Co. ("Jackson" Power), Jackson, Mich.  
 Johnson Electric Washer Co., 2074 Market, San Francisco, Cal.  
 Keil Mfg. Co. ("Oscillators" Vacuum) Albert Lea, Minn.  
 Knoll Janas L. Mfg. Co. ("Knoll" Double Action), Lebanon, Pa.  
 Knoll J. H. ("Queen" Family), Reading, Pa.  
 Laundry Queen Steam Washer Co., Centerville, Ia.  
 Litchfield Mfg. Co. (Farmers' Laundry), Waterloo, Ia.  
 Luthy & Co. ("A. B. C." Electric), Peoria, Ill.  
 Maytag Co. ("Pastime," "Maytag"), Newton, Ia.  
 Meadows Mfg. Co. ("Meadows, Jr.," Power), Pontiac, Ill.  
 Metal Barrel Co. ("Rapid"), Galesburg, Ill.  
 Michigan Washing Machine Co. (Turbine "Guarantee," "Peerless"), Muskegon, Mich.  
 Modern Laundry Machine Co. (Electric), 1907 Central, Kansas City, Mo.  
 Moore, Given Co. ("Moore"), Spring Valley, Ill.  
 National Motor Co., Springfield, O.  
 National Sewing Machine Co. ("Happy Day," High Speed), Belvidere, Ill.  
 Nineteen Hundred Washer Co. ("Nineteen Hundred," Hand & Electric), Binghamton, N. Y.  
 Ohio Pump & Brass Co. ("Economy"), Columbus, O.  
 One Minute Mfg. Co., Newton, Iowa  
 One Minute Washer Co. ("One Minute"), El Reno, Okla.  
 One Minute Washer Co. ("Sandusky"), Sandusky, O.  
 Pittsburgh Gauge & Supply Co. ("Gainaday" Electric Washer Wringer), Pittsburgh, Pa.  
 Portland Mfg. Co., Portland, Mich.  
 Press Wells H. Co., Streator, Ill.  
 Princess Mfg. Co. ("Princess" Water Power), 433 E Pearl, Cincinnati, O.  
 Ray G. W., Sterling, Kans.  
 Reading Wood Pulley Co. ("Prince"), Reading, Pa.  
 Rex Mfg. Co. ("Rex"), Johnstown, Pa.  
 Richmond Cedar Works ("Matchless," "Majestic" & "F. F. V.," "R. C. W. Water Motor," "Typhon," "Electric," "Lightning," "Rapid," "Richmond Electric Driven"), Fulton, Richmond, Va.  
 Rochester Rotary Washer Co. ("Rochester," Rotary, Equipped with Wringer), Rochester, N. Y.  
 Ross C. E. ("World," "Star," "Lincoln"), Lincoln, Ill.  
 Saver Machine Co. ("Saver"), 18 B'way, New York  
 Schneider Peter F. (Electric & Power), Bway Mkt bldg, Detroit, Mich.  
 Schroeder S. E. Mfg. Co., Minier, Ill.  
 Sieverkropp Engine Co., Racine, Wis.  
 Silent Washer Co., Appleton, Wis.  
 Steiner Mfg. Co. ("Steiner," Motor Driven) 4100 N 21st, St. Louis, Mo.  
 Superior Machine Co., Sterling, Ill.  
 Swash Motor Washer Co., Buttes & Mich. av, Columbus, O.  
 Sweet Geo. W., Flint, Mich.  
 Thistle Mfg. Co., 325 N Curtis, Chicago, Ill.  
 Tolhurst Machine Works, Troy, N. Y.  
 Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.  
 Twentieth Century Mfg. Co. ("Twentieth Century"), Mansfield, O.  
 United Engine Co. ("Diabola"), Lansing, Mich.  
 Upton Machine Co., St. Josephs, Mich.  
 Victor Mfg. Co. ("Wonder"), Leavenworth, Kansas  
 Voss Bros. Mfg. Co. ("Ocean Wave" Hand & Power, "Pendulum," "Automatic" & "Sunshine" Hand, "Universal" Power & "Voss" Water Motor & Electric), Davenport, Ia.

Walker Bros. Co. (Vacuum), Syracuse, N. Y.  
 Waring Ed. C. ("Waring" Aerated), Huntsville, Mo.  
 Wash-Easy Co., 2427 W 14th, Chicago, Ill.  
 Wayne Mfg. Co. ("Excelsior," Cylinder, "Wayne," "Royal," "Winner," "Western Star"), 124 Sidney, St. Louis, Mo.  
 Wenzelman Mfg. Co. (Hand, Power & Electric), Galesburg, Ill.  
 Western Electric Co., 195 West, New York  
 White Lily Mfg. Co. ("White Lily," "White Rose," "White Daisy," "White Washer," "White Way," "White Hummer" Hand, Electric, Water, Motor, etc), Davenport, Ia.  
 Wiard Mfg. Co. ("Wiard's Standard"), E Avon, N. Y.  
 Winger-Blume Mfg. Co., Wolcott, Ind.  
 Woodrow Mfg. Co. (Electric & Power), Newton, Ia.  
 Yost Gearless Motor Co., Springfield, O.

### 16663—Waste (Cotton & Wool)

Adams Bros., 134 Tudor, S. B.  
 Albany Waste & Metal Co., Albany, N. Y.  
 Andres Eugene C. Co., 141 Milk, Boston, Mass.  
 Ayres, Bridges & Co., 200 Summer, Boston, Mass.  
 Becker Chas. W., Amsterdam, N. Y.  
 Bishop Robt. Mfg. Co. (Cotton), 157 W Sixth, S Boston, Mass.  
 Blaisdell S. Jr. Co. (Dealers), Chicopee, Mass.  
 Blakeley Jno. & Son (Cotton & Wool), 1089 Gtn. av, Phila., Pa.  
 Bowman D. F. Co. (Wool Waste for Packing Car Boxes), New Albany, Ind.  
 Broderick & Babscom Rope Co. (Jobbers of All Grades), Main & Douglas, St. Louis, Mo.  
 Brooks Geo. B. (Wiping), 303 Canal, Providence, R. I.  
 Burstein Meyer, Neenah, Wis.  
 Charles Wm. B., Amsterdam, N. Y.  
 Coburn Walter & Co., Lowell, Mass.  
 Collins E. F. & Sons, Springfield, Mass.  
 Colonial Supply Co. (Jobbers), 441 1st av, Pittsburgh, Pa.  
 Cordingley W. S. & Son (Wool), 229 A S, Boston, Mass.  
 Corr Peter H., Taunton, Mass.  
 Crefeld Waste & Batting Co., Saylesville, R. I.  
 Crerar Adams & Co., 259 E Erie, Chicago, Ill.  
 Dallas Waste Mills, Dallas, Texas  
 Detroit Waste Works, 112 Larned W, Detroit, Mich.  
 Devlin Chas. (Cotton & Wool), 3219 Kensington, Phila., Pa.  
 Dixon Wm. F. & Sons Co. (Cotton & Wool), 102 Leverington, Phila., Pa.  
 Egan Waste Co., 19 Burling, New York  
 Emsley John W., Adams & Emerald, Phila., Pa.  
 Estes Mills (Cotton "Yacht-Auto," Bleached, "Extra Special," "Prime," Natural Color, Machy. Wiping), Fall River, Mass.  
 Frankford Waste Co., Van Dyke & Orchard, Phila., Pa.  
 Franklin Mfg. Co. ("Perfection" Journal Box), Franklin, Pa.  
 Friedlander Julius & Co. (Cotton Waste & Linters), Columbus, Ga.  
 Fulton Bag & Cotton Mills, Atlanta, Ga.  
 Gallagher Daniel J. Mfg. Co., 513 S Clinton, Chicago, Ill.  
**GENERAL SUPPLY CO., Worcester, Mass.**  
 Glick Harris (Wool, etc), Worcester, Mass.  
 Gordon Bros., Hazardville, Conn.  
 Graves Frank B. Co. (Wool), Albany, N. Y.  
 Hagy Clayton L. & Son, 16th & Carpenter, Phila., Pa.  
 Hagy J. Milton Waste Works ("Fidelity," Cotton & Wool), - 836 S Swanson, Phila., Pa.  
 Hill & Cutler, 176 Federal, Boston, Mass.  
 Hoffman-Corr Mfg. Co. (Cotton), 312 Market, Phila., Pa.  
 Leschen A. & Sons Rope Co. (Cotton Only), 920 N 1st, St. Louis, Mo.  
 Lillie Dexter P. Co. (Cotton Wiping & Packing Wastes), Indian Orchard, Mass.  
 McGrath Jno. J. (Also Packing, Wiping, etc), 1338 N Front, Phila., Pa.  
 Massasoit Mfg. Co., Fall River, Mass.  
 Miller Waste Mfg. Co., Snyder & Swanson, Phila., Pa.

Moore Geo. C. (Wool), N Chelmsford, Mass.  
 O'Neill Bros. (For R R Purposes, etc), Oxford & Howard, Phila., Pa.  
 Peck Asa & Co. (Cotton & Wool), 556 Atwells av, Providence, R. I.  
 Ray Edgar K. (Est. of), Franklin, Mass.  
 Railway Supply & Mfg. Co. (Dealers, White & Colored), Cincinnati, O.  
 Richards Fred. J., Springfield, Mass.  
 Riverside Mills (White & Colored Machined Cotton), Augusta, Ga.  
 Rosen Henry, Toledo, O.  
 Royal Mfg. Co. (Cotton, Wool & Packing), Rahway, N. J.  
 Springfield Waste Co. (Cotton Packing & Wiping Waste), Springfield, Mass.  
**STRONG COTTON WASTE & MFG. CO.** ("Strong's Specialty," White & Colored), 21 Walker, New York  
 Toohey M. J. & Co., Fall River, Mass.  
 Troy Waste Mfg. Co., Troy, N. Y.  
 Union Wadding (Wiping), Pawtucket, R. I.  
 United Waste Mfg. Co., Troy, N. Y.  
 Wallace Rodney Co., Fitchburg, Mass.  
 Wolf W. & Sons (Cotton), 549 Atlantic av, Boston, Mass.

### Waste Heat Utilizers

See Fuel Economizers

### 16664—Waste Saturating Systems

Milwaukee Tank Works ("Milwaukee" System for Saturating Journal Box Packing), 156 Clinton, Milwaukee, Wis.

### 16665—Waste & Overflows (Bath)

A. D. Mfg. Co. ("Romeyn" Connected), Detroit, Mich.  
 American Fdry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 American Pin Co. ("Ampinco" Connected), Waterbury, Conn.  
 American Sanitary Mfg. Co., Abingdon, Ill.  
 Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.  
 D. C. Mfg. Co. ("D. C." Supply & Waste), Canton, O.  
 Dearborn Brass Co. (Connected With Traps), Cedar Rapids, Ia.  
 Edwardsville Brass Co., Edwardsville, Ill.  
 Elgin Brass Co., 92 John, New York  
 Empire Brass Mfg. Co. (With Trap), Cleveland, O.  
 Findelison & Kropf Mfg. Co. ("F. & K."), By-Pass, 2550 W 21st, Chicago, Ill.  
 Frost Mfg. Co. ("Fremco"), Kenosha, Wis.  
 Glauber Brass Mfg. Co., 49th & Superior av, N E, Cleveland, O.  
 Hoffman-Billings Mfg. Co. ("H. & B." with Trap), 100 2nd, Milwaukee, Wis.  
 Ireland & Matthews Mfg. Co., Detroit, Mich.  
 Kretschmer Mfg. Co., Dubuque, Ia.  
 McDonald A. Y. Mfg. Co. (With Trap), Dubuque, Ia.  
 Morency-Van Buren Mfg. Co., Sturgis, Mich.  
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 Rumsey L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.  
 Rundle Mfg. Co., 27th & Wahl, Milwaukee, Wis.  
 Speakman Supply & Pipe Co. ("Speakman" Bath Waste), 30th & Spruce, Wilmington, Del.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Trenton Brass & Machine Co., Trenton, N. J.  
 Wolverine Brass Works (With Trap), Grand Rapids, Mich.

### 16666— Watch Case Mfrs.

American Watch Case Co., 15 Maiden la, New York  
 Dubois Watch Case Co., 316 Herkimer, Brooklyn, N. Y.  
 Dueber Watch Case Mfg. Co., Canton, O.  
 du Pont E. I. de Nemours & Co. (The Arlington Wks.), 725-27 B'way, New York  
 Fahys Joseph & Co., 54 Maiden la, New York  
 Gruen D. Sons & Co., 301 Johnston bldg, Cincinnati, O.  
 Illinois Watch Case Co., Elgin, Ill.  
 Keystone Watch Case Co., 1411 Walnut, Phila., Pa.  
 North American Watch Co. (Gold, Silver & Gold Filled), Mansfield, O.



Queen City Watch Case Mfg. Co., Cincinnati, O.  
 Roy Watch Case Co., 81 Prospect, Brooklyn, N. Y.  
 Solidarity Watch Case Co., 242 Chestnut, Brooklyn, N. Y.  
 Star Watch Case Co., Ludington, Mich.  
 Wadsworth Watch Case Co., Dayton, Ky.  
 Western Watch Case Mfg. Co., 31 N State, Chicago, Ill.

### Watch Crystals

See Crystals, Watch

### 16667—Watch Fobs (Advertising)

Grammes L. F. & Sons, Allentown, Pa.

### 16667a— Watch Stands

du Pont E. I. de Nemours & Co. (The Arlington Wks), 725-27 B'way, New York

### 16668-9— Watches

See also Watch Case Mfrs.

Burlington Watch Co., 19th & Marshall blvd, Chicago, Ill.  
 Elgin National Watch Co., 10 S Wabash av, Chicago, Ill.  
 Hamilton Watch Co., Lancaster, Pa.  
 Hampden Watch Co., Canton, O.  
 Howard E. Watch Works, Waltham, Mass.  
 Ingersoll R. H. & Bro., 315 4th av, New York  
 Knickerbocker Watch Co., Woolworth bldg, New York  
 New Haven Clock Co., New Haven, Conn.  
 New York Standard Watch Wks., 403 Communipaw av, Jersey City, N. J.  
 North American Watch Co., Mansfield, O.  
 Rockford Watch Co., Elgin, Ill.  
 Waltham Watch Co., Waltham, Mass.

### Watchman's Time Detectors

See Clocks, Watchman's; also Recorders, Time

### 16670—Water Bottles (Rubber)

Ajax-Grieb Rubber Co., 1796 B'way, New York  
 Bailey C. J. & Co., 22 Boylston, Boston, Mass.  
 Canton Rubber Co., Canton, O.  
 Davidson Rubber Co., Boston, Mass.  
 Davol Rubber Co., 69 Point, Providence, R. I.  
 Faultless Rubber Co., Ashland, O.  
 Goodrich B. F. Co., Akron, O.  
 Gordon Tire & Rubber Co., Canton, O.  
 Hodgman Rubber Co. (Lightweight Rubber Insertion), 8 W 40th, New York  
 Miller Rubber Co., Akron, O.  
 Myers Mfg. Co., Fremont, O.  
 National India Rubber Co., Bristol, R. I.  
 Parker, Stearns & Co. ("Alpha"), 286 Sheffield av, Brooklyn, N. Y.  
 Raley Rubber Co., New Haven, Conn.  
 Rubber Products Co., Barberton, O.  
 Seamless Rubber Co., New Haven, Conn.  
 Star Rubber Co. ("Marco"), Akron, O.  
 Tyer Rubber Co., Andover, Mass.  
 Whithall, Tatum Co., 410 Race, Phila., Pa.

### 16671— Water Closet Mfrs.

Aird-Don Co., Troy, N. Y.  
 American Sanitary Works ("B. O. T."), Washington, N. J.  
 Automatic Chemical Closet Co. ("Auto-Kem-Clo," Vitreous China, Chemical), Minneapolis, Minn.  
 Barrett Jas. Mfg. Co. ("Empress," "Congress," "Duke," "Emperor," "Duchess," "Korka," "Lion," "Tudor," "Princely" & "Clio"), 117 Pearl, Boston, Mass.  
 Blessing C. A., 516 Montgomery av, Phila., Pa.  
 Bowser Sanitary Mfg. Co., Lafayette, Ind.  
 Cahill Iron Works, Chattanooga, Tenn.  
 Camden Pottery Co. ("Inandia" Silent Action), Camden, N. J.  
 Central Metal & Supply Co. ("Cemco," "Clio," "Flora," "Iris" & "Pluvius"), 611 E Lombard, Baltimore, Md.  
 Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.  
 Clow Jas. B. & Sons, 544 S Franklin, Chicago, Ill.

### Columbus Brass Co. ("Met-All"), 538

Dublin av, Columbus, O.  
 See adv index at end of book

Colwell Lead Co., 437 E 162d, New York  
 Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.  
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.  
 Dayton Mfg. Co. (R. R. Car), Dayton, O.  
 Dececo Co., 157 High, Boston, Mass.  
 Detroit Tank & Seat Co., Detroit, Mich.  
 Douglas John Co., Carthage, Cincinnati, O.  
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.  
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.  
 Fisher E. W. Co., 811 Superior av, N E Cleveland, O.  
 Fleck Bros. Co., 44 N 5th, Phila., Pa.  
 Fords Porcelain Works, Perth Amboy, N. J.  
 Fort Pitt Supply Co., 332 2d av, Pittsburgh, Pa.  
 Haas Philip Co. ("Haas" Frost Proof), Dayton, O.  
 Haines Jones & Cadbury Co. ("Frosto," Frost Proof), 1136 Ridge av, Phila., Pa.  
 Hamilton Jno. H., Detroit, Mich.  
 Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.  
 Hess Chas. Co. ("Hess" for Export), 96 Wall, New York  
 Humphries Mfg. Co., Mansfield, O.  
 Hussey W. H. & Son, 148 W 35th, New York  
 Imperial Brass Mfg. Co. ("Watrous" Duo-jet), 524 S Racine av, Chicago, Ill.  
 See adv index at end of book

### WATROUS DUOJET CLOSETS THE IMPERIAL BRASS MFG CO. CHICAGO

Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
 See adv index at end of book  
 Jackson Potteries Co. ("Ultimate"), Fulton bldg, Pittsburgh, Pa.  
 Kelly Thos. & Bros. (Self-Acting & "Kelly" Seat Action), 404 S Kolmar av, Chicago, Ill.  
 Kline M. L. ("Epulso"), 84 Front, Portland, Ore.  
 Kohler Co. (Enameled Iron), Sheboygan, Wis.  
 Kretschmer Mfg. Co., Dubuque, Ia.  
 Lipp Louis Co., Mitchell av, Cincinnati, O.  
 McCambridge Co., 20th & Wood, Phila., Pa.  
 Maddock Thos. Sons Co., Trenton, N. J.  
 Meyer-Sniffen Co., 11 W 36th, New York  
 Mott J. L. Iron Works, 118 5th av, New York  
**NASON MFG. CO.**, 71 Fulton, New York  
 See adv index at end of book  
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 Nunn Brass Works ("Genesee" Automatic), Rochester, N. Y.  
 Pacific Sanitary Mfg. Co., New Montgomery, San Francisco, Cal.  
 Park & McKay, 55 Bagley av, Detroit, Mich.  
 Peck Bros. & Co. (Combination), New Haven, Conn.  
 Peerless Selling Co., Evansville, Ind.  
 Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.  
 Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.  
 Rumsey L. M. Mfg. Co., 810 N 2nd, St. Louis, Mo.  
 Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.  
 Simmons John Co., 110 Centre, New York  
 Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Teahen Jas. M., Detroit, Mich.  
 Trenton Potteries Co., Trenton, N. J.  
 Van Arnham Mfg. Co. ("Van-Ar-Co" Low-Down & High Tank Combination), Fort Wayne, Ind.  
 Vannevar Edmund B. & Co. (Yacht), 85 Atlantic av, Boston, Mass.  
 Walker Mfg. & Supply Co., Shelby & Woodbridge, Detroit, Mich.

Walls, Owen & Stambach Co. ("Nastro"), 11th & Hamilton, Phila., Pa.  
 Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.  
 Wheeling Sanitary Mfg. Co. ("Clean-Out"), Wheeling, W. Va.  
 Wolf L. Mfg. Co., 601 W Lake, Chicago, Ill.  
 Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

### 16672—Water Closet Range

See also Water Closets, School, Institution, etc.

Clow James B. & Sons (Syphon Jet), Franklin & Harrison, Chicago, Ill.  
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.  
 Haines Jones & Cadbury Co. ("Syphon," "Education," "Brighton"), Open Range and Washout, 1136 Ridge av, Phila., Pa.  
 Illinois Malleable Iron Co., 1801 Diversey boul, Chicago, Ill.  
 See adv index at end of book  
 Lewis & Davis, 412 E 31st, Kansas City, Mo.  
 Millar Chas. & Son Co. (Washout & Syphon), Utica, N. Y.  
 Mott J. L. Iron Works, 118 5th av, New York  
 Nelson N. O. Mfg. Co. (Pneumatic Syphon Hopper Latunes), 10th & Chestnut, St. Louis, Mo.  
 Standard Sanitary Mfg. Co. (Automatic Syphon Jet), Bessemer bldg., Pittsburgh, Pa.

### 16673—Water Closets (Anti-Freezing)

Dayton Mfg. Co., Dayton, O.  
 Haas Philip Co. ("Haas"), Dayton, O.  
 Haines Jones & Cadbury Co. ("Frosto"), 1136 Ridge av, Phila., Pa.  
 I. X. L. Pump & Mfg. Co. ("I. X. L."), Automatic Low Down, 957 N 9th, Phila., Pa.  
 Kelly Thos. & Bros. ("Kelly" Seat Action after Flush), 404 S Kolmar av, Chicago, Ill.  
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 Pittsburgh Brass Mfg. Co. ("Pittsburgh"), Pittsburgh, Pa.  
 Prier Brass Mfg. Co. ("Standard"), Kansas City, Mo.  
 Vogel Joseph & Co., 1203 Lombard, Wilmington, Del.  
 Walls, Owen & Stambach Co., 11th & Hamilton, Phila., Pa.  
**WEISKITTEL A. & SON CO.** ("Jack Frost"), 12th & E Lombard, Baltimore, Md.  
 Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

### 16674—Water Closets (Car)

Dayton Mfg. Co., Dayton, O.  
 Duner Co. ("Duner" Enameled Iron), 101 S Clinton, Chicago, Ill.

### 16675—Water Closets (Low-Down Combination)

American Sanitary Works, Washington, N. J.  
 Becker Mfg. Co., Marietta, O.  
 Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.  
 Bowlus Mfg. Co. ("Famous," "Jewel"), Springfield, O.  
 Climax Sanitary Co. ("Maxco" Seat Operated), Detroit, Mich.  
 Colwell Lead Co., 437 E 162d, New York  
 Cooper Sanitary Mfg. Co., 34th & Chestnut, Phila., Pa.  
 Coyne & Delany Co., 832 Kent av, Brooklyn, N. Y.  
 Dalton-Ingersoll Mfg. Co., 171 High, Boston, Mass.  
 Detroit Tank & Seat Co., Detroit, Mich.  
 Douglas John Co., Carthage, Cincinnati, O.  
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.  
 Fleck Bros. Co., 44 N 5th, Phila., Pa.  
 Fort Pitt Supply Co. ("Morus"), 332 2d av, Pittsburgh, Pa.  
 Haines Jones & Cadbury Co. ("Hojoca"), 1136 Ridge av, Phila., Pa.  
 Humphries Mfg. Co. ("Lirio" & "Zimapan" Syphon Jet & Syphon Wash Down with Enameled Iron Tanks), Mansfield, O.



I. X. L. Pump & Mfg. Co. ("I. X. L." Anti-Freezing), 957 N 9th, Phila., Pa.  
 Kelly Thos. & Bros, 404 S Kolmar av, Chicago, Ill.  
 Kretschmer Mfg Co. ("Faultless" Double Flush), Dubuque, Ia.  
 McCambridge Co., 20th & Wood, Phila., Pa.  
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 Peerless Selling Co., Evansville, Ind.  
 Pittsburgh Brass Mfg. Co. ("Bak-Push"), Pittsburgh, Pa.  
 Quinn Mfg. Co., Detroit, Mich.  
 Teahen Jas. M. ("Vitro"), Detroit, Mich.  
 Van Arnem Mfg. Co. ("Van-Ar-Co"), Fort Wayne, Ind.  
 Weiskittel A. & Son Co., 12th & E Lombard, Baltimore, Md.

### 16676—Water Closets (School, Institution, Etc.)

See also Water Closet Range

Adee Fred Co., 3 Cliff, New York  
 Aird-Don Co., Troy, N. Y.  
 American Foundry & Furnace Co. (Iron Closet), Bloomington, Ill.  
 American Sanitary Works ("B. O. T."), Washington, N. J.  
 Automatic Chemical Closet Co. ("Auto-Kem-Clo." Vitreous China, Chemical), 1417 Wash. av, N Minneapolis, Minn.  
 Clow Jas. B. & Sons, Franklin & Harrison, Chicago, Ill.  
 Douglas Jno. Co., Carthage, Cincinnati, O.  
 Ebinger D. A. Sanitary Mfg. Co., 181 Lucas, Columbus, O.  
 Federal-Huber Co., 234 N Halsted, Chicago, Ill.  
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
*See adv index at end of book*  
 Kelly Thos. & Bros. ("Kelly" Seat Action), 404 S Kelmav, Chicago, Ill.  
 Meyer-Sniffen Co., 11 W 36th, New York  
 Mott J. L. Iron Works, 118 5th av, New York  
 Nelson N. O. Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 Van Arnem Mfg. Co. ("Van-Ar-Co"), Fort Wayne, Ind.  
 Vogel Joseph & Co., Wilmington, Del.

### 16677—Water Closets (Ship)

Bishop's Wm. Sons, 18 James, New York  
 Curtiss J. H. Co., 2 South, New York  
 Goblet Wm. H. ("Metal Valve"), 32 Old Slip, New York  
 Jenkins Mfg. Co., 20 Vesey, New York  
 Kelly Thos. & Bros., 404 S Kolmar av, Chicago, Ill.  
 Mott J. L. Iron Works, 118 5th av, New York  
 National Gauge Co., 300 Pacific, Brooklyn, N. Y.  
 Sands Alfred B. & Son Co., 20 Vesey, New York  
 Webb F. W. Mfg. Co., 56 Elm, Boston, Mass.

### 16678—Water Columns or Stations (Railroad)

See also Tanks & Towers, Steel; also Cranes Locomotive Water

American Valve & Motor Co. ("Poage's"), Cincinnati, O.  
**CHICAGO BRIDGE & IRON WORKS**, 2015 Old Colony bldg, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Columbiana Boiler Co., Columbiana, O.  
 Fairbanks, Morse & Co. ("Sheffield," Automatic), 900 S Wabash av, Chicago, Ill.  
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
**PITTSBURGH-DES MOINES STEEL CO.**, 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
 Sheffield Car Co., Three Rivers, Mich.  
 Snow T. W. Construction Co. (Engineers & Bldrs.), 537 S Dearborn, Chicago, Ill.  
 U. S. Wind Engine & Pump Co., Batavia, Ill.

### 16679—Water Columns (Plain)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
**ANDERSON V. D. CO. ("Anderson")**, W 96th, Cleveland, O.  
*See adv index at end of book*

Ashton Valve Co., 161 First, Cambridge, Mass.  
 Bordo L. J. Vo. (Inc.), ("Bordo"), 12th & Thompson, Phila., Pa.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Crane Co. (Est. 1855), 836 So Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Haydenville Co., Haydenville, Mass.  
 Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
*See adv index at end of book*  
 Jarecki Mfg. Co., Erie, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Lonergan J. E. Co., 211 Race, Phila., Pa.  
**LUNKENHEIMER CO.**, Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co. (Steam & Water Gauge), 55 John, New York  
 Michigan Lubricator Co., Detroit, Mich.  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.  
 Powell Wm. Co., Cincinnati, O.  
 Queen City Brass & Iron Works, Cincinnati, O.  
 Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.  
 Steigert L. Co., Logan & Elder, Cincinnati, O.  
 Walworth Mfg. Co., Boston, Mass.

### 16680—Water Columns (Safety)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
**ANDERSON V. D. CO. ("Anderson")**, W 96th, Cleveland, O.  
*See adv index at end of book*  
 Berry Engng. Co. ("Berry"), Chester, Pa.  
 Binghamton Machine Works ("Turner"), Binghamton, N. Y.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.  
 Crane Co. (Est. 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Jarecki Mfg. Co., Erie, Pa.  
 Jarvis Engine & Machine Works ("Jarvis," "Our Pet"), Lansing, Mich.  
 Kelly & Jones Co. (Combination), 135 Water, Pittsburgh, Pa.  
 Kitts Mfg. Co., Oswego, N. Y.  
 Lawler Regulator Co., 55 W Houston, New York  
 Lonergan J. E. Co., 211 Race, Phila., Pa.  
**LUNKENHEIMER CO.** ("Vigilant" Combination), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 Pittsburgh Gage & Supply Co. ("Pittsburgh"), 30th & Liberty av, Pittsburgh, Pa.  
 Powell Wm. Co., Cincinnati, O.  
 Reliance Gauge Column Co. ("Reliance"), Cleveland, O.  
 Steigert L. Co. ("Sims," "U. S." Water Indicator), Logan & Elder, Cincinnati, O.  
 Williams Gauge Co. ("Williams" High & Low Alarm), 543 4th av, Pittsburgh, Pa.  
 Wright Mfg. Co. ("Wright"), 97 Woodbridge W, Detroit, Mich.

### 16681—Water Cooling Apparatus

Baker Ice Machine Co., Omaha, Neb.  
 Wheeler C. H. Mfg. Co., Lehigh & 18th, Phila., Pa.

### 16682—Water Distilling Apparatus

**GRISCOM-RUSSELL CO.**, 92 West, New York *See adv index at end of book*  
 Standard Water Systems Co. ("Tripure"), Hampton, N. J.  
 United Iron Works Co., Springfield, Mo.

### 16683—Water Gas Plants for Industrial Plants

Improved Equipment Co., 60 Wall, New York

#### Water Gates

See Valves, Gate, for Water Mains

### 16684—Waterproof Wrapping (Cloth Lined)

Angier Mills ("Keepdry"), Ashland, Mass.

### 16685—Waterproofing (Boot, Shoe or Leather)

Viscol Co., Cambridge, Mass.

### 16686—Waterproofing Cloth

Du Pont Fabrikoid Co., Wilmington, Del.  
*For branch offices see adv index at end of book*  
 Lehon Co., W 45th & S Western av, Chicago, Ill.

### Waterproofing Compounds

See Waterproofing Materials

### 16687—Waterproofing Materials

See also Paints, Damp Resisting

Acme White Lead & Color Works, Detroit, Mich.  
 Advance Waterproof Cement Co. (Re-ground Portland Cement), Chicago, Ill.  
 American Chemical & Mfg. Co. ("Hippo"), Norfolk, Va.  
 American Cold Japan Co. (Paint), Pittsburgh, Pa.  
 American Mfg. Co. ("Conrad's" Concrete & Cement), 114 Plymouth av N, Minneapolis, Minn.  
 American Roofing Co. (Paint), Kansas City, Mo.  
 American Wood Preserving Co. ("Antiseptine" Brick & Stone), 1351 N Branch, Chicago, Ill.  
 Antakwa Co., 133 W Washington, Chicago, Ill.  
 Anti-Hydro Waterproofing Co. ("Anti-Hydro"), 9 Cleveland, Newark, N. J.  
 Anti-Stick Co. ("Anti-Damp"), Westerville, O.  
 Antox Paint Co. (Paint), Indianapolis, Ind.  
 Aquabar Co. ("Aquabar"), Real Estate Trust bldg, Phila., Pa.  
 Arco Co., Euclid av & E 65th, Cleveland, O.  
 Arlington Mfg. Co., Canton, O.  
 Atlas Co. (Damp Proofing Compounds), Lincoln, N. J.  
 Barber Asphalt Paving Co. ("Positive Seal"), Land Title bldg, Phila., Pa.  
 Barrett Co. ("Hydronon" Paint), 17 Battery pl, New York  
 Becker-Moore Paint Co. (Paint), 1219 Olive, St. Louis, Mo.  
 Billings Chapin Co. ("Drilay"), Cleveland, Ohio  
**BINSWANGER B. & CO.** (Paint), 827 N 3d, Phila., Pa.  
 Bird & Son ("Neponset," "Parine" Paint), East Walpole, Mass.  
 Bitu-Mortar Waterproofing Co. ("Bitu-Mortar"), 340 E 27th, New York  
 Blood T. L. & Co. ("Blood's" Cement-Concrete Coating), 413 Wacouta, St. Paul, Minn.  
 Boydel Bros. White Lead & Core Co. (Paint), Detroit, Mich.  
 Byerley & Sons ("Byerlyte"), 2489 W 4th, Cleveland, O.  
 Cabot Sam'l (Inc.) (Brick, Stone & Cement), 141 Milk, Boston, Mass.  
 Canfield Oil Co., Cleveland, O.  
 Carey Philip Mfg. Co. ("Feltex," Asphalt Saturated Felt; "Manco," Asphalt Cement; "Combo," Asphalt Cement; "Percoproof"), 330 Wayne av, Lockland, Cincinnati, O.  
 Century Mfg. Co. ("Century"), 272 W Genesee, Buffalo, N. Y.  
 Ceresit Waterproofing Co. ("Ceresit"), 110 S Dearborn, Chicago, Ill.  
 Chatfield Mfg. Co. ("Carbo" Black Enamel, Paint), 74 Lebanon, Carthage, Cincinnati, O.  
 Chemical Products Co., 93 Broad, Boston, Mass.  
 Chesapeake Oil Co. (Paint), Stockholm & Peach alley, Baltimore, Md.  
**CONCRETE WATERPROOF PAINT CO.** (Colorless Liquid Compound, "Kling Koat" Coating, "Hydroseal" Damp-proofing), 827 N 3d, Phila., Pa.  
 Corrugated Bar Co. (Core-Base), Buffalo, N. Y.  
 De Smet Geo. W. ("Dehydratine" & "Symentrex" Liquid Concrete), 133 W Washington, Chicago, Ill.  
 Detroit Graphite Co. ("Anti-Aqua"), Detroit, Mich.  
 Devoe & Reynolds Co. Inc., ("Devoe"), 101 Fulton, New York  
 Dexter Bros. Co. ("Petrifax" Damp Resisting Coating), 105 Broad, Boston, Mass.



**DIXON JOSEPH CRUCIBLE CO. (Paint),** Jersey City, N. J.  
*See adv index at end of book*  
**Doggett Stanley (For Cement Work),** 11 Cliff, New York  
**Dorl F. & Co.,** 13 Park Row, New York  
**Elaterite Paint & Mfg. Co. ("Des Moines Elaterite" Cement),** Des Moines, Ia.  
**Flexible Compound Co.,** 3607 Haverford av, Phila., Pa.  
**Flexner-Taylor Co., Ltd. ("Taylor Hydro-Litic"),** 786 East B'way, South Boston, Mass.  
**Flexol Co. ("Flexol"),** 55 Liberty, New York  
**Flintkote Mfg. Co. ("Plastic"),** 88 Pearl, Boston, Mass.  
**Forest City Paint & Varnish Co. (Paint),** 5334 Lakeside av, Cleveland, O.  
**Fort Pitt Oil & Paint Co. (Paint),** 3209 Liberty av, Pittsburgh, Pa.  
**French Sam'l H. & Co. (Paint),** 4th & Callowhill, Phila., Pa.  
**General Fireproofing Co.,** Youngstown, O.  
**General Roofing Mfg. Co.,** Boatman's Bank bldg, St. Louis, Mo.  
**Glidden Varnish Co. ("Glidden's" Water-proof Concrete & Cement Floor Dressing),** 1755 W Madison, Cleveland, O.  
**Grote Geo. W. & Co.,** 430 E 102nd, New York  
**Harrison Waterproof Materials Co. ("Integral"),** 30 Church, New York  
**Heath & Milligan Mfg. Co. (Cement Coating),** 1833 Seward, Chicago, Ill.  
**Hercules Waterproof Cement Co. ("Hercules," Compound for Tunnels, Roofs, etc.),** Buffalo, N. Y.  
**Horn A. C. Co. (Symmentrex & Dehydrating),** Bodine, Long Island City, N. Y.  
**Hydrated Lime Bureau,** Arrott bldg, Pittsburgh, Pa.  
**Hydrex Felt & Engineering Co. ("Hydrex" Felt, Cloth & Burlap),** 120 Liberty, New York  
**Hydro Damp-Proofing & Eng. Co.,** Pittsburgh, Pa.  
**Imperial Paint Co. ("Impaco"),** 80 10th, Long Island City, N. Y.  
**Imperial Water Proof Co. ("I. W. P." Compounds),** 105 W. Monroe, Chicago, Ill.  
**Insulite Chemical Co. ("Insulite"),** Aurora, Ill.  
**Ironite Co. ("Ironite" for Concrete, Brick & Stone),** 111 W Wash, Chicago, Ill.  
**Jamestown Paint & Varnish Co. ("Aqua-Nit"),** Jamestown, Pa.  
**Johns H. W.-Manville Co. ("J-M" Felts, Fabrics, Cement Coatings, etc),** Madison av & 41st, New York  
**Lamson John S. & Bro.,** 80 Maiden la, New York  
**Lehon Co. (Paint),** W 45th & S Western av, Chicago, Ill.  
**Lowe Bros. Co. (Paint),** Dayton, O.  
**McCormick Waterproof Portland Cement Co.,** Main & Angelica, St. Louis, Mo.  
**McHenry-Millhouse Mfg. Co. (Paint),** South Bend, Ind.  
**Masonry Waterproofing Co. (Larutan System),** 307 Herkimer, Brooklyn, N. Y.  
**Minwax Co. ("Minwax"),** 18 E 41st, New York  
**Mitchell-Rand Mfg. Co.,** 99 John, New York  
**Monarch Paint Co. (Paint),** W 70th, Cleveland, O.  
**Monitor Oil Co. ("Ferro Tex"),** Cleveland, O.  
**Mound City Paint & Color Co. (Paint),** 11th & Mullanphy, St. Louis, Mo.  
**Munns E. A. Kalsomine Co. (Paint),** 217 Fulton, Brooklyn, N. Y.  
**National Roofing Co. ("Retaw," "Stuck-ote"),** Tonawanda, N. Y.  
**National Waterproof Film Co. ("Te Pe Co."),** 19 S La Salle, Chicago, Ill.  
**Neuchatel Asphalte Co.,** 79 Tompkins, New York  
**Nevin T. H. Co. (Paint),** Island & Preble, Pittsburgh, Pa.  
**New Jersey Paint Works (Paint) (Louderbough, Hy, Prop),** Wayne, Jersey City, N. J.  
**North Jersey Paint Co. ("Edison" Paint),** Stewartville, N. J.  
**Ohmlac Mfg. Co. (Paint),** 140 S Dearborn, Chicago, Ill.  
**Parker, Preston & Co. (Brick & Store),** Norwich, Conn.  
**Patton Paint Co. ("Cementhide"),** Milwaukee, Wis.  
**Pioneer Asphalt Co.,** Lawrenceville, Ill.  
**Preservative Products Co. ("Esco,"** 1133 B'way, New York

**PRICE FIRE & WATER-PROOFING CO.** ("Price" for Fabrics, also for Cement, Concrete & Brick), Poughkeepsie, N. Y.  
**Richmond Bros. ("Cemeline"),** 117 E 6th, Cincinnati, O.  
**Rinald Bros. (Paint),** 1142 N Hancock, Phila., Pa.  
**Robeson Preservo Products Co. ("Preservo"),** Port Huron, Mich.  
**Sandusky Portland Cement Co. ("Medusa"),** Sandusky, O.  
**Schwenker W. M. (Compounds),** 342 E 92d, New York  
**Semet-Solvay Co. ("Solvay," Concrete Coating),** Syracuse, N. Y.  
**Sherwin-Williams Co. (Paint),** Cleveland, O.  
**Sicilian Asphalt Paving Co. ("Siastex," An Asphalted Textile),** 41 Park row, New York  
**Skinner Douglas Paint Co. (Paint),** Kansas City, Mo.  
**Sonneborn L. Sons ("Cemcoat," "Hydrocide," Damp Proofing),** 262 Pearl, New York  
**Standard Paint Co. ("Impervite"),** 233 Broadway, New York  
**Street J. D. & Co. (Paint),** 809 N 2nd, St. Louis, Mo.  
**Suydam M. B. Co. (Paint),** 61st & Butler, Pittsburgh, Pa.  
**Texas Company ("Texaco"),** 17 Battery pl, New York  
**Thompson & Co. ("Bondkote"),** 1111 Galveston av, Pittsburgh, Pa.  
**THOMSON WOOD FINISHING CO.,** (Concrete Waterproof Paints), 827 N 3d, Phila., Pa. *See adv index at end of book*  
**Thurston F. W. Co.,** 1832 S Clark, Chicago, Ill.  
**Toch Bros. ("Toxemont," Powder, and Self-Healing Bridge Cement),** 320 5th av, New York  
**Tropical Paint & Oil Co. ("Tropical"),** W 70th & N. Y. C. R. R., Cleveland, O.  
**Trus-Con Laboratories (For Brick, Cement, etc.),** Detroit, Mich.  
**U. S. Gutta Percha Paint Co. (Paint),** 12-30 Dudley, Providence, R. I.  
**Union Fibre Co. ("Antiaqua," Cement for Waterproofing Walls or Insulation),** Winona, Minn.  
**Universal Compound Co. ("A. B. C." "Exhydroplastic"),** 428 W 25th, New York  
**Wadsworth, Howland & Co. ("Bay State" Brick & Cement Coating),** 141 Federal, Boston, Mass.  
**Waterproof Engineering Co. ("Wateco"),** 1st Nat'l Bank bldg, Chicago, Ill.  
**Waterproof Paint Co. (Paint),** Watertown, Mass.  
**Waterproofing Co. (For Cellar, Subways, Reservoirs, Tunnels, etc),** 345 E 33d, New York  
**Western Elaterite Roofing Co.,** Denver, Colo.  
**WESTINGHOUSE ELECTRIC & MFG. CO.,** East Pittsburgh, Pa.  
*See adv index at end of book*  
**WHIGELT GEO. (Damp & Saltpetre Proofing. The only man who guarantees to kill Saltpetre. Indorsed by "the" Architects & Builders),** 124 Maiden la, New York  
**Wolf-Jacques & Co.,** Passaic, N. J.  
**Zibell Damp Resisting Paint Co. ("Alkacene" Waterproof Portland Cement, Liquid Concrete, Lime, Mortar & Plaster),** 273 Water, New York

### 16688—Water Purifying & Filtering Apparatus

**Devine J. P. Co.,** Buffalo, N. Y.  
**International Filter Co.,** 38 S Dearborn, Chicago, Ill.  
**New York Continental Jewell Filtration Co.,** 15 Broad, New York  
**SCAIFE WM. B. & SONS CO.,** First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
**Standard Water Systems Co. ("Tripure"),** Hampton, N. J.

### 16689—Water Softening & Purifying Apparatus

**American Water Softener Co. ("American"),** 10th & Chestnut, Phila., Pa.  
**Booth L. M. Co. ("Booth" Water Softener),** 58 Hudson, Jersey City, N. J.

**Compound Injector & Specialty Co. ("Rehn's" for Water Backs, Coils, Heaters, etc),** 419 N Laramie av, Chicago, Ill.  
**Dover Boiler Works (To Order),** Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
**Graver Wm. Tank Works ("Bartlett Graver"),** East Chicago, Ind.  
**Hammond Engineering Co.,** Warren, Pa.  
**HARRISON SAFETY BOILER WORKS ("Cochrane"),** 3147 N 17th, Phila., Pa. *See adv index at end of book*  
**Hungerford & Terry ("Hungerford"),** Penna. bldg, Phila., Pa.  
**Jackson & Church Co.,** Saginaw, Mich.  
**Jewell Engineering Co.,** Monodnock blk, Chicago, Ill.  
**Kennicott Co.,** Chicago Heights, Ill.  
**Leigh & Butler ("Archbutt-Deeley" System),** 232 Summer, Boston, Mass.  
**Michigan Engineering Co.,** Union Tr bldg, Detroit, Mich.  
**New York Continental Jewell Filtration Co.,** 15 Broad, New York  
**Patterson D. W. ("Bachman"),** Harrison blk, Phila., Pa.  
**Permutit Co.,** 30 E 42d, New York  
**Pittsburgh Filter Mfg. Co.,** Farmer's Bk bldg, Pittsburgh, Pa.  
**Power Plant Specialty Co. ("Vater" Hot Process),** Monadnock blk, Chicago, Ill.  
**Richmond Water Softener Co. ("Felta" Hot or Cold Process, also for Domestic Use),** Richmond, Ind.  
**Roberts Filter Mfg. Co.,** Darby, Pa.  
**SCAIFE WM. B. & SONS CO. ("Scaife" & "We-Fu-Go" Systems),** First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*  
**Snow T. W. Const. Co. (Engineers & Bldrs),** 537 S Dearborn, Chicago, Ill.  
**Standard Water Systems Co. ("Tripure"),** Hampton, N. J.

### Water Stations (Railroad)

*See Water Columns or Stations, Railroad*

### Water Supply (Air Pressure)

*See Lifts, Air; also Pneumatic Water Supply Systems*

### 16690—Water Supply Systems

**Baltimore Cooperage Co.,** cor Hanover & Creek, Baltimore, Md.  
**Burnett-Larsh Mfg. Co. ("Duro"),** Dayton, Ohio  
**Chicago Pump Co. (Automatic Electric Pneumatic For Domestic Water Supply),** 906 W Lake, Chicago, Ill.  
**Dayton Pump & Mfg. Co.,** Dayton, O.  
**Domestic Engine & Pump Co.,** Shippensburg, Pa.  
**Economy Pumping Machinery Co. (Automatic Electric),** 116 N Carpenter, Chicago, Ill.  
**Foos Gas Engine Co.,** 800 Monroe, Springfield, O.  
**Ft. Wayne Engng. & Mfg. Co. ("Paul"),** Ft. Wayne, Ind.  
**Harris Pump & Supply Co.,** 320 2d av, Pittsburgh, Pa.  
**Kewanee Private Utilities Co. ("Kewanee," Pneumatic),** West Side, Kewanee, Ill.  
**Leader Iron Works,** 201 Jasper, Decatur, Ill.  
**Murphy & Walsh,** Pekin, Ill.  
**MYERS F. E. & BRO. ("Myers," "Myers Hydro-Pneumatic," "Myers Electric"),** 800 Orange, Ashland, O.  
*See adv index at end of book*  
**Pittsburgh-Des Moines Steel Co.,** 4th & Ross, Pittsburgh, Pa.  
*See adv index at end of book*  
**Sloan Sam'l & Co. ("Sloan's Superior"),** Rochester, N. Y.  
**Standard Pump & Engine Co. ("Standard" Pumping Engines),** Akron, O.  
**Termaat & Monahan Co.,** Oshkosh, Wis.  
**Vaile-Kimes Co.,** Dayton, O.  
**Weber Subterranean Pump Co. ("Weber" Compressed Air System),** 50 E 42d, New York

### 16691—Water Towers (Fire Boat)

**Woodhouse Mfg. Co. ("Woodhouse"),** 64 W B'way, New York



**16692— Water Wheels**

See also Turbine Water Wheels

Blymyer Iron Works Co. (Over Shot), Spring Grove & Terrace pl, Cincinnati, O.  
 Fitz Water Wheel Co., Hanover, Pa.  
 Hallidie Company, Spokane, Wash.  
 Knight & Co. (100 to 2,500 H. P.), Sutter Creek, Cal.  
 Leffel Jas. & Co., 500 Lagonda, Springfield, Ohio  
 Pelton Water Wheel Co. (Also Direct Connected), 19th & Harrison, San Francisco, Cal., & 90 West, New York  
 Salem Fdry & Machine Works, Salem, Va.  
 Savage W. J. Co., Knoxville, Tenn.  
**SMITH, S., MORGAN CO.**, York Pa.  
*See adv index at end of book*  
 Trump Mfg. Co., Springfield, O.  
 United Iron Works ("Tuthill"), Oakland, Cal.  
 Walker Mfg. Co. ("Pelton" Type), Denver, Col.  
 Wellman-Seaver-Morgan Co., Cleveland, O.  
 Wolf Co. ("Wolf," "Keiser"), Chambersburg, Pa.

**16693—\*Watt-hour Meters (Prepayment, Recording)**

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**16694— Wattmeters**

**BRISTOL CO.** ("Bristol's" Recording), Waterbury, Conn.  
*See adv index at end of book*  
 Brown Instrument Co., Wayne av & Win-drim, Phila., Pa.  
 Duncan Electric Mfg. Co. ("Duncan" Direct & Alternating Current), Lafayette, Ind.  
 Du Vivier Ernest H. (Dial & Recording), 30 Church, New York  
 Esterline Co. ("Esterline," Recording), Indianapolis, Ind.  
 Federal Electric Co. ("Willis"), 640 W Lake, Chicago, Ill.  
 Fort Wayne Electric Works of General Electric Co. (Induction), Fort Wayne, Ind.  
**GENERAL ELECTRIC CO.** ("Thomson," "Wright"), Schenectady, N. Y.  
*See adv index at end of book*  
 Helios Mfg. Co. ("Bastian," Electrolytic Meter), Garden av, Bridge, Phila., Pa.  
 Hoskins Mfg. Co., 453 Lawton, Detroit, Mich.  
 Railway Improvements Co. ("Terranti" for Cars), 61 B'way, New York  
 Roller Smith Co. ("Roller-Smith" Portable & Switchboard), 233 B'way, New York Works: Bethlehem, Pa.  
 Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.  
**WESTINGHOUSE ELECTRIC & MFG. CO.** ("Watt-hour" Portable Lamp Testing Volt-Wattmeter, etc), East Pittsburgh, Pa.  
*See adv index at end of book*  
 Weston Electrical Instrument Co., Waverly Park, Newark, N. J.

**16695—\*Wattmeters (Prepayment, Recording)**

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

**16696— Wax (Bayberry)**

Bromund E. A. Co., 356 W B'way, New York  
 Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York

**Wax (Bees)**

See Beeswax

**16697— Wax (Cabinet)**

Bowdlear W. H. Co. (Waxes from all countries), 69 Broad, Boston, Mass.  
 Brown D. P. & Co. (Jobbers), 264 N 4th, Phila., Pa.  
 Stevenson Bro. & Co., 110 Race, Phila., Pa.  
 Walton F. S. Co., Orthodox & Delaware, Phila., Pa.

**16698— Wax (Carnauba)**

Ayres, Bridges & Co. (Japanese), 79 Wall, New York

Hirsch Adolph & Co. (Imp), 63 Park Row, New York  
 Jacob Chas. W. & Allison (Imp.), 18 Cedar, New York  
 Scheel Wm. H. (Imported), 159 Maiden la, New York  
 Schliemann's Oil & Ceresine Co., 25 Beaver, New York  
 Smith & Nichols (Imp.), 121 Maiden la, New York  
 Standard Wax & Import Co. (Imp.), 95 William, New York  
 Strahl & Pitsch (Imp.), 141 Front, New York  
 Whittemore - Wright Co. (Imported), Charlestown, Boston, Mass.

**16698a— \*Wax (Ceresin)**

Innis, Speiden & Co., Inc., 46 Cliff, New York. *See adv index at end of book*

**16699—Wax (Dry Battery)**

Canfield Oil Co., Cleveland, O.  
 Dicks-Pontius Co., Dayton, O.  
 Lamson John S. & Bro., 80 Maiden la, New York  
 Mitchell-Rand Mfg. Co., 99 John, New York

**Wax Heads & Fixtures**

See Names in Window Display Fixtures with the Words Wax-Figures Following their Name

**16700—Wax (Insulated Wire)**

American Wax Co., 161 Summer, Boston, Mass.  
 Empire Oil Works, Oil City, Pa.  
 Mitchell-Rand Mfg. Co., 99 John, New York  
 Schliemann's Oil & Ceresine Co., 25 Beaver, New York  
 Smith & Nichols, 121 Maiden la, New York  
 Standard Wax & Import Co. (Imp.), 95 William, New York  
 Strahl & Pitsch (Imp.), 141 Front, New York

**16701— Wax (Japan)**

Bird J. A. & W. & Co. (Imp.), 88 Pearl, Boston, Mass.  
 Frost & Cundill, Inc. (Imp.), 60 Wall, New York

**16702— Wax Melter & Dropper (Electric)**

Vulcan Electric Heating Co. ("Vulcan" for Sealing Packages, etc), 107 W 13th, New York

**16702a— \*Wax (Montan)**

Innis, Speiden & Co., Inc. (Crude & Refined), 46 Cliff, New York  
*See adv index at end of book*

**16703—Wax (Ozokerite, Importers)**

Bromund E. A. Co., 356 W Broadway, New York  
 Crystal Charles B., 13 Cliff, New York  
*See adv index at end of book*  
 Innis, Speiden & Co., Inc. (Crude & Refined), 46 Cliff, New York  
*See adv index at end of book*  
 Salomon L. A. & Bro., 216 Pearl, New York  
 Schliemann's Oil & Ceresine Co., 25 Beaver, New York  
 Smith & Nichols, 121 Maiden la, New York  
 Strahl & Pitsch, 141 Front, New York

**16704— Wax (Paraffine)**

American Petroleum Products Co., 196 Water, New York  
 Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.  
 Borne, Scrymser Co., 80 South, New York  
 Canfield Oil Co., Cleveland, O.  
 Crystal Oil Works (Crude Scale), Oil City, Pa.  
 Emery Mfg. Co., Bradford, Pa.  
**EMPIRE OIL WORKS**, Oil City, Pa.  
 Works: Reno, Pa.  
 Francesconi J. C. & Co., 23 Broad, New York  
 Freedom Oil Works, Freedom, Pa.  
 Fuerst Bros. & Co., 2 Stone, New York  
 Germania Refining Co., Oil City, Pa.  
 Great Western Oil Co., Cleveland, O.

Indian Refining Co., 44 Whitehall, New York  
 Jacob Chas. W. & Allison (Imp. Crude & Refined), 18 Cedar, New York  
 Kendall Refining Co., Bradford, Pa.  
 Kuh E. S. & Valk Co. (Imp), Produce Exchange, New York  
 Loos & Dilworth, 134 S Front, Phila., Pa.  
 Manufacturers' Paraffine Co., Chester, Pa.  
 Monitor Oil Co., Cleveland, O.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Works, Titusville, Pa.  
 Petrolia Refining Co., Petrolia, Pa.  
 Pure Oil Co., Lafayette bldg., Phila., Pa.  
 Scheel Wm. H. (Jobbers), 159 Maiden la, New York  
 Smith & Nichols (Imp.), 121 Maiden la, New York  
 Sonneborn L. Sons ("Amalie"), 262 Pearl, New York  
 Standard Oil Co. of N. J., 26 B'way, New York  
 Standard Oil Co. of N. Y. ("Parowax" Refined), 555 W 25th, New York  
 Standard Oil Co. of Ohio, 1400 State av, Cincinnati, O.  
 Standard Wax & Import Co. (Imp.), 95 William, New York  
 Strahl & Pitsch (Imp.), 141 Front, New York  
 Sun Co., Finance bldg, Phila., Pa.  
 Texas Co., 17 Battery pl, New York  
 Tidewater Oil Co. (Refined & Scale), 11 B'way, New York  
 Union Petroleum Co. (White & Yellow), Widener bldg, Phila., Pa.  
**WAVERLY OIL WORKS CO.** (Refined), Pittsburgh, Pa.

**Wax Polish (Floor Finish)**

See Floor Polish, Hard Wax

**16705— Wax (Sealing)**

Bowdlear W. H. Co., 69 Broad, Boston, Mass.  
 Browne M. C., Holyoke, Mass.  
 Chamberlain & Johnson, 1238 Voskamp, Pittsburgh, Pa.  
 Clark F. C., 316 W Kinzie, Chicago, Ill.  
 Dennison Mfg. Co., 26 Franklin, Boston, Mass.  
 Dicks-Pontius Co. ("Zubian," "Pontius Pure" for Fruit Jars, etc), Dayton, O.  
 Edwards Bros., Milton, Mass.  
 Insulating Co. ("Gyite," Insulating & Sealing), 1 B'way, New York  
 Mitchell-Rand Mfg. Co. (Insulating & Sealing), 99 John, New York  
 Morningstar Chas. & Co. (Insulating & Sealing), 233 B'way, New York  
 Princeton Sealing Wax Co., Princeton, Ill.  
 Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.  
 Strohmeyer & Arpe Co. (Insulating & Sealing), 139 Franklin, New York  
 Trotter E. T. & Co. (Insulating), 602 Johnson av, Brooklyn, N. Y.  
 Zinsser Wm. & Co., 195 William, New York

**16706— Wax (Shoemakers')**

Columbia Wax Works, 751 E 137th, New York  
 Dicks-Pontius Co., Dayton, O.  
 Hawthaway C. L. & Sons, 346 Congress, Boston, Mass.  
 Holt, Jared Co., Albany, N. Y.  
 Whittemore Woodbury Co., Charlestown, Boston, Mass.  
 Will & Baumer Co., Syracuse, N. Y.

**16707— Wax (Soft Metal)**

Gardner Machine Co., Beloit, Wis.

**16708—Wax Tailings & Scale Wax**

Atlantic Refining Co., 3144 Passyunk av, Phila., Pa.  
 Canfield Oil Co., Cleveland, O.  
 Craig Oil Co. (Scale Wax), Toledo, O.  
 Emery Mfg. Co. (Scale Wax), Bradford, Pa.  
 Empire Oil Works (Scale Wax), Oil City, Pa.  
 Germania Refining Co. (Scale Wax), Oil City, Pa.  
 Independent Refining Co. (Scale Wax), Oil City, Pa.  
 National Refining Co., Cleveland, O.  
 Pennsylvania Paraffine Wks., Titusville, Pa.



Prudential Oil Corp., 17 Battery pl, New York  
 Standard Oil Co. of N. J. (Refined & Crude), 26 B'way, New York  
 Standard Oil Co. of N. Y., 555 W 25th, New York  
 Sun Co., Finance bldg, Phila., Pa.  
 Tidewater Oil Co., 11 B'way, New York  
 Union Petroleum Co. (Scale Wax), Widener bldg, Phila., Pa.  
 Warren Refining Co., Warren, Pa.

### 16709— Wax Tapers

Cathedral Candle Co., Syracuse, N. Y.  
 Columbia Way Works ("Never Drip," "Eagle"), 751 E 137th, New York  
 Houchin Thos. W. Co. ("Houchin's" Gas Lighters), 38 E 21st, New York  
 Marty F. & Co., Syracuse, N. Y.  
 St. Louis Candle & Wax Co., 233 Market, St. Louis, Mo.  
 Smith & Nichols, 121 Maiden Lane, New York  
 Will & Baumer Co., Syracuse, N. Y.

### 16710—Waxers (Sad Iron)

Jaeger Asbestos Flat Iron Waxer Co. (Asbestos), 390 Hudson, New York

### 16711-2— Weaners (Calf)

Barbee Wire & Iron Works ("Hoozier," "Shaw Improved" Wire), 170 N Dearborn, Chicago, Ill.  
 Cooley Mfg. Co., 551 W Monroe, Chicago, Ill.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Holthaus Saddlery Co. ("Perfection"), 1440 N 6th, St. Louis, Mo.  
 Imperial Bit & Snap Co. ("Kant-Suck"), Racine, Wis.  
 Pratt Wm. E. Mfg. Co. ("Tylers"), 35 W Lake, Chicago, Ill.  
 Quinn Wire & Iron Works ("Shaw's" & "Diamond"), Boone, Ia.  
 Wagner Specialty Co. ("Kant Suk"), Burlington, Wis.

### Weather Boarding (Iron & Steel)

See Roofing & Siding Iron & Steel

### 16713— Weather Strips

Acme Supply Co. ("Acme," Metallic for Cars), 28 E Jackson blvd, Chicago, Ill.  
 All-Metal Weatherstrip Co., 224 W Madison, Chicago, Ill.  
 American Metal Weather Strip Co., Grand Rapids, Mich.  
 Athey Co. ("Athey" Cloth Lined Metal), 17 E 23rd, Chicago, Ill.  
 Bosley D. W. Co. ("Atlas," "Bosley's" Felt, Rubber, Metallic Rubber, Metallic Railway, etc), 122 S Michigan av, Chicago, Ill.  
 Bronze Weather Strip Co., 134 Milk, Boston, Mass.  
 Brown A. B. Co., 514 W 46th, New York  
 Chamberlin Metal Weather Strip Co. (Metallic), 109 3rd av, Detroit, Mich.  
 "Champion" Metal Weather Strip & Parting Bead Co. (Metallic), 170 Summer, Boston, Mass.  
 Chicago Metal Weather Strip Co. (Metal), 1617 N Troy, Chicago, Ill.  
 Church E. I. & Co. ("Axtell," All Steel), W Hanover, Mass.  
 Dennis W. J. & Co. ("Dennis" Clincher Felt, Rubber, etc), 2222 W Lake, Chicago, Ill.  
 Diamond Metal Stamping Co. ("Diamond" Flexible Metal), Columbus, O.  
 Dunfee J. & Co., 40 N Franklin, Chicago, Ill.  
 Durametal Weather Strip Co., 226 W Madison, Chicago, Ill.  
 Ford Mfg. Co. ("Ford's" Air Tight), Holyoke, Mass.  
 Freeman Chas. A. Mfg. Co. ("Invisible"), 201 Devonshire, Boston, Mass.  
 Frost Railway Supply Co. ("Detroit," Metal for Cars, etc), Penobscot bldg, Detroit, Mich.  
 Harsha L. R. Mfg. Co., 2010 Carroll av, Chicago, Ill.  
 Heaton & Wood, 1802 Chestnut, Phila., Pa.  
 Henry Airtight Weather Strip Co. (Rubber Lined Wood), Crawfordsville, Ind.  
 Higgin Mfg. Co. (Metallic), Newport, Ky.  
 Introstile Mfg. Co. (Metal O. K.), Marietta, O.

Kohler Die & Specialty Co. (Wool Stuff), DeKalb, Ill.  
 McCord Mfg. Co. (For Car Windows), Detroit, Mich.  
 Michigan Engine Valve Co. ("Golden"), 115 Columbia W, Detroit, Mich.  
 Monarch Metal Weather Strip Co. (Metal), 4121 Forest Park, St. Louis, Mo.  
 National Metal Weather Strip Co. ("National" All Metal), 117 W Erie, Pittsburgh, Pa.  
 National Supply & Mfg. Co. (Metallic), 2362 Palm, St. Louis, Mo.  
 Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.  
 Niagara Metal Weather Strip Co. ("Peace" Metallic), 33 W Tupper, Buffalo, N. Y.  
 Osgood H. H. & Co., 4 Wash'n, N, Boston, Mass.  
 Perfection Metallic Weather Strip Co., Detroit, Mich.  
 Pittsburgh Air Tight Metal Door Sill Co. (Metal Air Tight), Liberty & Short, Pittsburgh, Pa.  
 Prince W. O., 26 Edinboro, Boston, Mass.  
 Protective Ventilator & Screen Corp., 332 E 23rd, New York  
 Pullman Automatic Ventilator Mfg. Co. (Metal Door & Window), York, Pa.  
 Robbins Mfg. Co. ("Acme" All Metal), 1815 N Central Park av, Chicago, Ill.  
 Roebuck Weather Strip & Wire Screen Co., 3518 Av H, Brooklyn, N. Y.  
 Schouler Cement Construction Co. (Weather Strip & Sliding Door Guide), 154 Frelinghuysen av, Newark, N. J.  
 Stanfield M. B., 535 Tusculum av, Cincinnati, O.  
 Tabor Sash Fixture Co. ("Tabor," Metallic), 69 Polk, Newark, N. J.  
 Willer Mfg. Co. (Metal), Milwaukee, Wis.

### 16714— Weather Vanes

Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.  
 Barnum E. T. Wire & Iron Works, 864 Woodward, Detroit, Mich.  
 Broad Gauge Iron Works, 77 Broad, Boston, Mass.  
 Canton Art Metal Co., Canton, O.  
 Cushing L. W. & Son ("Waltham"), Waltham, Mass.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Eller Mfg. Co., Canton, O.  
 Fiske J. W. Iron Works, 80 Park pl, New York  
 Foy Edw. A. Co., 815 B'way, Cincinnati, Ohio  
 Gara-McGinley Co., 23 S 17th, Phila., Pa.  
 Gerock Bros. Mfg. Co., 1252 S Vandeventer av, St. Louis, Mo.  
 Green Henry J., 1191 Bedford av, Brooklyn, N. Y.  
 Henis Wm. G. Sons & Co., 1347 Ridge av, Phila., Pa.  
 Hollow Cable Mfg. Co., Hornell, N. Y.  
 Hum & Leatherman, 103 Market, Pittsburgh, Pa.  
 Jones Thomas W. (Also Dial), 153 Malden la, New York  
 Meyers Fred. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*  
 Milwaukee Corrugating Co., Milwaukee, Wis.  
 Mott J. L. Iron Works, 118 5th av, New York  
 Mullins W. H. Co., 341 Franklin, Salem, O.  
**NATIONAL SHEET METAL ROOFING CO.**, 339 Grand, Jersey City, N. J.  
*See adv index at end of book*  
 National-Standard Co. ("National," "Diamond"), Box 211, Niles, Mich.  
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.  
 St. Paul Roofing, Cornice & Ornament Co., Wabash av & Water, St. Paul, Minn.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
 Security Lightning Rod Co., Burlington, Wis.  
 Sheet Metal & Supply Co., Lancaster, Pa.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Snow W. A. Iron Works, Inc., 19 Portland, Boston, Mass.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
 Washburne Edw. G. & Co., 207 Fulton, New York

### 16715—\*Webbing (Back-band)

**COUCH BROS. MFG. CO.**, Atlanta, Ga.

### 16716— Webbing (Cotton)

Acorn Web Mills, North Wales, Pa.  
 Adamson Joseph & Co., Columbia & Gtn. av, Phila., Pa.  
 American Mills Co. (Narrow), Waterbury, Conn.  
 American Multiple Fabric Co. (Multiple Woven), 183 Hartford av, Providence, R. I.  
 Ansonia O. & C. Co., Ansonia, Conn.  
 Atkins & Pearce Mfg. Co., 5th & Eggleston, Cincinnati, O.  
 Barber Mfg. Co., Lowell, Mass.  
 Barlow John W. Co. (Also Linen, Jute & Worsted), Lawrence, Mass.  
 Bilger Nicholas Webbing Co. (Also Worsted, Linen & Jute), 315 Vine, Phila., Pa.  
 Brockton Webbing Co. (For Shoe Straps), Brockton, Mass.  
 Buffalo Weaving & Belting Co. (Belting, Halters, Girths, Bridles, Back Bands, Trunk Straps, etc), Buffalo, N. Y.  
 Chadbourne & Moore (Shoe & Gaiter), Chelsea, Mass.  
 Columbia Narrow Fabric Co. (Also Silk & Mercerized), Shannock, R. I.  
 Columbus Mfg. Co., Columbus, Miss.  
 Couch Bros Mfg. Co. (Narrow), Atlanta, Ga.  
 Dyer Chas. N. (Narrow), Haverhill, Mass.  
 Empire Mfg. Co. (Also Deckle for Paper Mills), Lockport, N. Y.  
 Franklin Cotton Mill Co. (Narrow), Plum & Charles, Cincinnati, O.  
 Hamilton Web Co. (Boot, Shoe, Gaiter, Name, etc), Hamilton, R. I.  
 Harley J. S., Quakertown, Pa.  
 Hesse Mfg. Co. (Narrow), Valley Falls, R. I.  
 Hoffman, De Witt & McDonough Co., Cheltenham, Pa.  
 Hope Webbing Co. (Narrow Woven Fabrics), 1005 Main, Providence, R. I.  
 International Braid Co. (Narrow), 47 Charles, Providence, R. I.  
 Landers Bros. Co., Toledo, O.  
 Mallison Braided Cord Co., Athens, Ga.  
 Martin Sidney (Overall Suspenders, etc), Chelsea, Mass.  
 Mason J. S. & Sons (Narrow), Westboro, Mass.  
 Moore & Burgess Webbing Co. (Narrow), S. Acton, Mass.  
 Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.  
 Narrow Fabric Corp., New Haven, Conn.  
 New Hampshire Artistic Web Co., Barnstead, N. H.  
 Rockland Webbing Co. (Narrow), Rockland, Mass.  
 Russell Mfg. Co., Middletown, Conn.  
 Smith Webbing Co. (Narrow), Pawtucket, R. I.  
 Springfield Webbing Co., Springfield, Mass.  
 Star Webbing Works (Shoe Strapping & Narrow), Brockton, Mass.  
 Sullivan J. & Sons Mfg. Co. (Narrow), 2224 N 9th, Phila., Pa.  
 Susquehanna Webbing Co., Bloomsburg, Pa.  
 Vienna Braid & Tape Co. (Narrow), Pawtucket, R. I.  
 Waban Webbing Co. (Heavy), 683 Atlantic av, Boston, Mass.  
 Westboro Weaving Co. (Narrow), Westboro, Mass.  
 Workman H. B. Co., Lititz, Pa.  
 Young J. B., J. & Levick, Phila., Pa.

### 16717— Webbing (Elastic)

Acorn Web Mills, North Wales, Pa.  
 Adamson Joseph & Co., Columbia & Gtn. av, Phila., Pa.  
 American Mills Co. (Narrow), Waterbury, Conn.  
 Ansonia O. & C. Co. (Suspender), Ansonia, Conn.  
 Boston Gore & Webb Co. (Suspender, Corset, Truss & Bandage), Chelsea, Mass.  
 Bridgeport Elastic Fabric Co. (Garter & Narrow Electric Fabrics), Bridgeport, Conn.  
 Chadbourne & Moore, Chelsea, Mass.  
 Christ Bros. Mfg. Co., 1303 Buttonwood, Phila., Pa.  
 Colton Geo. S. Elastic Web Co. (Garter, Surgical, etc), Easthampton, Mass.  
 Columbia Narrow Fabric Co., Shannock, R. I.



Conant & Co. (Suspender, etc), Littleton, Mass.  
 Connecticut Web & Buckle Co. (Suspender, Belt, Garter, etc), Bridgeport, Conn.  
 Glendale Elastic Fabrics Co. (Goring, Garter, etc), Easthampton, Mass.  
 Greenway A. M. Co. (Bandage, etc), Chelsea, Mass.  
 Holmes O. H. (Knit, for Women's Corsets), Conshohocken, Pa.  
 Howard Mfg. Co., 97 Monument, Boston, Mass.  
 Hub Gore Makers (Garter, Belt, Bandage, etc), 52 Chauncy, Boston, Mass.  
 Lapworth Webbing Co. (Garter, Suspender, etc), Brockton, Mass.  
 Lapworth Wm. & Sons (Narrow), Milford, Mass.  
 Leolastic Mills (Belt, Garter, Suspender, etc), Bayonne, N. J.  
 Mansfield Elastic Web Co. (Suspender), Mansfield, O.  
 Martin Sidney, Chelsea, Mass.  
 Narrow Fabric Corp. (Narrow), New Haven, Conn.  
 National Web Co. (Suspender, etc), 263 Linden av, Jersey City, N. J.  
 Nealon Jno. J. & Co., Bayonne, N. J.  
 Pentucket Narrow Fabric Mills (Garter, Shoe, Suspender, etc), Lowell, Mass.  
 Rockland Webbing Co. (Narrow), Rockland, Mass.  
 Russell Mfg. Co., Middletown, Conn.  
 Smith Webbing Co. (Narrow), Pawtucket, R. I.  
 Springfield Webbing Co. (Surgical, etc), Springfield, Mass.  
 Taylor Thos. & Sons, Hudson, Mass.  
 Ziegler A. & Sons Co. (Suspender), Boston, Mass.

#### 16718-9—Webbing (Upholsterers')

Landers Bros. Co., Toledo, O.  
 Ludlow Mfg. Associates (Jute), 111 Devonshire, Boston, Mass.  
 Magee Carpet Co., 103 5th av, New York  
 Susquehanna Webbing Co. (Jute), Bloomsburg, Pa.

#### 16720—Wedges (Axe)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Oshkosh Mfg. Co., Oshkosh, Wis.  
 Parry W. B. & Son ("Rondax"), 200 Seneca, Utica, N. Y.  
 Sawyer Belt Hook Co., Pawtucket, R. I.

#### 16721—Wedges (Equalizing)

McCord & Co. ("National"), 122 S Michigan av, Chicago, Ill.

#### 16722—Wedges (Foundry)

Sterling Wheelbarrow Co., Milwaukee, Wis.  
 Stevens Frederick B., 3d & Larned, Detroit, Mich.

#### 16723—Wedges (Handle)

Parry W. B. & Son ("Rondax"), 200 Seneca, Utica, N. Y.  
 Syracuse Twist Drill Co. ("Syracuse"), Borden av, Syracuse, N. Y.  
*See adv index at end of book*

#### 16724—Wedges (Journal Bearing)

Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 Transue & Williams Steel Forging Corp. (Drop Forged), Alliance, O.

#### 16725—Wedges (Journal Box)

Cleveland City Forge & Iron Co. (Drop Forged), Cleveland, O.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 New Castle Steel & Iron Co., Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.  
 Steel Car Forge Co. (Drop Forged), Pittsburgh, Pa.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.  
 Western Tool & Forge Co., Brackenridge, Pa.

#### 16726—Wedges (Lead)

Lawrence Shot & Lead Co., Omaha, Neb.  
 United Lead Co., 111 B'way, New York

#### 16727—Wedges (Saw)

American Logging Tool Co. (Steel), Ewart, Mich.

#### 16728—Wedges (Socket)

Black Jno. B. Co. ("Brady's," with Ring), Chester, Pa.

#### 16729—Wedges (Steel)

Atha Tool Co. (Wood Choppers, Frost, Falling, Tie, Stave, Saw, Coal, Stone, etc), Chapel, Newark, N. J.  
 Beall Bros, Alton, Ill.  
 Brunner & Lay, 570 W Polk, Chicago, Ill.  
 Collins Co., Collinsville, Conn.  
 Evansville Tool Works (Coal, Wood Choppers, Falling Stone, etc), Evansville, Ind.  
 Fulton Tool Works (Miners, Wood Choppers, etc), Canal Fulton, O.  
 Hardsocg Mfg. Co., Ottumwa, Ia.  
 Hardsocg Martin Co., 922 South av, Pittsburgh, Pa.  
 Harvey H. H. Mfg. Co. (Steel for Quarry Work and Woodman), 15 Sherman, Boston, Mass.  
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 Iron City Tool Works, Ltd., 3201 Smallman, Pittsburgh, Pa.  
 Klein-Logan Co. (Woodchoppers, Falling, Stave Tie, Saw, Stone, Coal, etc), 13th & Breed, Pittsburgh, Pa.  
 Lanz M. & Sons, 2907 Carson, Pittsburgh, Pa.  
 Leetonia Tool Co., Leetonia, O.  
 McInnes Steel Co. (Ltd.) (Woodman's), Corry, Pa.  
 Oliver Iron & Steel Co. (All Kinds), 10th & Muriel, Pittsburgh, Pa.  
 Oshkosh Mfg. Co. (Woodchoppers, etc), Oshkosh, Wis.  
 Phillips F. & Son, 1336 Greenmount av, Baltimore, Md.  
 Plumb Fayette R. (Inc), Tucker & James, Phila., Pa.  
 Pratt Wm. E. Mfg. Co. (Axe), 35 W Lake, Chicago, Ill.  
 Prouty C. & Co. (Cross Cut Saw), Eldred, Pa.  
 Trow & Holden Co. (For Quarry Work), Barre, Vt.  
 Vulcan Tool Mfg. Co. (For Quarry Work), Quincy, Mass.  
 Warren Tool & Forge Co., Warren, O.  
 Warwood Tool Co. (Wood Choppers, Coal Miners, Saw, etc), Warwood, Wheeling, W. Va. *See adv index at end of book*  
 What Cheer Tool Co., What Cheer, Ia.  
 Woodruff Walter W. & Sons Co. (Axe), Mount Carmel, Conn.

#### 16730—Wedges (Tool Post)

Lakeside Forge Co., Erie, Pa.  
 Page Storms Drop Forge Co. (Drop Forged), Chicopee, Mass.  
 Williams J. H. & Co. (Also Rings, Drop Forged), 156 Hamilton av, B'klyn, N. Y.

#### 16731—Wedges (Treenail)

Hoskins J. S. Lumber Mfg. Co. (Pine & Oak), Baltimore, Md.  
 Nashua Spool & Bobbin Co. (Oak), Grove Hall Station, Boston, Mass.  
 United States Bung Mfg. Co., 50 S 2d, Brooklyn, N. Y. Factory: Cincinnati, O.

#### 16731a—\*Wedges (Wooden, for Various Purposes)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

#### 16732—Weeders

Aspinwall Mfg. Co., Jackson, Mich.  
 Babcock Mfg. Co., Leonardsville, N. Y.  
 Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 Bridgewater Plow Corp. ("Superior," Corn Thinner & Weeder), Bridgewater, Va.  
 Brinly Hardy Co. (Riding & Walking), Louisville, Ky.

Brown-Manly Plow Co., Malta, O.  
 Burch Plow Works Co., Crestline, O.  
 Cutaway Harrow Co., Higganum, Conn.  
 Dunham Co., Berea, O.  
 Eureka Mower Co. (Walking & Riding), 16 Hickory, Utica, N. Y.  
 Genung C. W., Madison, O.  
 Greenville Implement Co., Greenville, Mich.  
 Janesville Machine Co., Janesville, Wis.  
 Keystone Farm Machine Co. (Straight Bar or Adjustable, Walking or Sulky), York, Pa.  
 Lean Roderick Mfg. Co. ("Roderick Lean" Riding and Walking), Mansfield, O.  
 Lovejoy C. H. Chaplet Co., Cambridge, N. Y.  
 Munnsville Plow Co. (With Tubular Steel Frame), Munnsville, N. Y.  
 National Drill Co., Cambridge City, Ind.  
 North Wayne Tool Co., Hallowell, Me.  
 Rockford Mfg. Co., Rockford, Ill.  
 Thornburgh Mfg. Co. ("Toledo"), Bowling Green, O.  
 Washington Weeder Works, Walla Walla, Wash.  
 Wiard Plow Co. (Adjustable), Batavia, N. Y.

#### 16733—Weeders (Garden)

*See also Hooks, Weeding*  
 Allen S. L. & Co. ("Firefly" & "Planet, Jr."), Denckla bldg, Phila., Pa.  
 Barker Mfg. Co., David City, Neb.  
 Bateman Mfg. Co. ("Iron Age"), Grenloch, N. J.  
 Buffum Tool Co. ("Swastika"), Weeders & Transplanters, South Side, Louisiana, Mo.  
 Clark W. J. Co. ("Rapid-Easy"), Salem, O.  
 Cleveland Lawn Weeder Co., Cleveland, O.  
 Donaldson Bros. (Beet), Mount Clemens, Mich.  
 Fletcher Terry Co. (Hand), Forestville, Conn.  
 Genung C. W., Madison, O.  
 Hall Mfg. Co. ("Hall" Beet, Onion, etc.), Monticello, Ia.  
 Keystone Farm Machine Co. (Adjustable), York, Pa.  
 Kohler F. E. Co. (Dandelion Spud), Canton, O.  
 Mason F. C. & Co., St. Johns, Mich.  
 Norcross C. S. & Sons ("Norcross," "Mid-get" 3 Frong), Bushnell, Ill.  
 Normal Novelty Works, Normal, Ill.  
 North Wayne Tool Co. ("Lefavour's Favorite"), Hallowell, Me.  
 Union Fork & Hoe Co. (Hand), Columbus, O.  
 Western Steel & Iron Works (Beet Weeders), De Pere, Wis.  
 Wrightsville Hardware Co., Wrightsville, Pa.

#### 16734—Weighers (Feed Water)

Dover Boiler Works. Sales Office: 50 Church, New York. Works: Dover, N. J. *See adv index at end of book*  
 Kennicott Co., Chicago Heights, Ill.  
 Tyler Underground Heating System ("Tyler"), 815 S Canal, Pittsburgh, Pa.  
 Willcox Engineering Co. ("Willcox" Automatic), 1525 Holland av, Saginaw, Mich.

#### 16735—Weighers, Loaders & Baggers (Grain)

Buffalo Pitts Co., Buffalo, N. Y.  
 Advance Thresher Co., Battle Creek, Mich.  
 Climax Machinery Co. ("Avalanche," Pneumatic; "Star," Centrifugal; "Climax," Drag; Grain Elevating & Handling), Indianapolis, Ind.  
 Hart Grain Weigher Co. (Weighers), Peoria, Ill.  
 Huber Mfg. Co., Marion, O.  
 Hydraulic Press Mfg. Co., Mount Gilead, O.  
 Minneapolis Threshing Machine Co. (Baggers), 226 N 2d, Minneapolis, Minn.  
 Nichols & Shepard Co. (Weighers, Baggers & Loaders), Battle Creek, Mich.  
 Ohio Road Machinery Co. (Baggers), Oberlin, O.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Rumley M. Co. ("Advance," "Gaar-Scott," "Rumely"), La Porte, Ind.  
 Westinghouse Co. (Weighers), Schenectady, N. Y.



**16736—Weighers (Locomotive, Portable)**

Kennicott Co., Chicago Heights, Ill.

**16736a—\*Weighing Apparatus (Ehrhardt's)**MacLEOD CO., 2227 Bogen, Cincinnati, O.  
*See adv index at end of book***16737—Weightometers (Conveyor)**

Merrick Scale Mfg. Co. ("Merrick" for Weighing Material Carried by Conveyor System), Academy, Passaic, N. J.

**16738—Weights (Elevator)**Central Foundry Co., Fort Wayne, Ind.  
De Ved & Sons Sash Weight Co. (Lead, also Dumb Waiter) 807 S Howard, Baltimore, Md.

Kings County Iron Foundry Co., N 13th &amp; Berry, Brooklyn, N. Y.

Levering Bros. (Also Bridge), Wicomco &amp; Monroe, Baltimore, Md.

Standard Foundry Co., Buffalo, N. Y.

**16739—Weights (Hitching)**

Barber Mfg. Co., Ashtabula, O.

Burr Co., Champaign, Ill.

Cheney S. &amp; Son, Manlius, N. Y.

Decatur Cornice &amp; Roofing Co., New Decatur, Ala.

Donaldson Bros., Mount Clemens, Mich.  
Gowanda Agricultural Wks., Gowanda, N. Y.**MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book*

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Republic Mfg. Co., Milwaukee, Wis.

South Bend Foundry Co., South Bend, Ind.

Sperry D. R. &amp; Co., North Aurora, Ill.

Weller Hardware &amp; Foundry Co., Horseheads, N. Y.

Western Foundry &amp; Sash Weight Co., 2d &amp; Miller, St. Louis, Mo.

**16740—Weights (Lead)**

Lawrence Shot &amp; Lead Co. (Sash Weights), Omaha, Neb.

United Lead Co. (Clock, Dress, Fish Net, etc.), 111 B'way, New York

**U. S. INDUSTRIBLE GASKET CO.**, Church & Fulton, New York.  
*See adv index at end of book***16741—Weights (Telephone Cord)**

K. &amp; B. Co., 25 N 7th, Phila., Pa.

**16742—\*Weirs (Recording & Totalling Registers For)****SIMPLEX VALVE & METER CO.**, 110 N Broad, Phila., Pa.**16743—Welding (Autogenous)**

American Metal Fusing &amp; Cutting Co. ("Oxy-Acetylene Apparatus"), 352 Jackson av, Long Island City, N. Y.

American Oxygen Co. ("Oxy-Acetylene"), Perry bldg, Phila., Pa. Works: Camden, N. J.

Ballwood Co., 30 Church, New York

Bossert Corp., The, Utica, N. Y.  
*See adv index at end of book*

Braun J. G. (Oxygen Acetylene), 609 S Paulina, Chicago, Ill.

Brunswick Refrigerating Co. (Oxy-Acetylene, for the Trade), West New Brunswick, N. J.

Carbic Mfg. Co., Duluth, Minn.

Cox Brass Mfg. Co., Albany, N. Y.

Crown Welding Works, 364 Willoughby av, Brooklyn, N. Y.

Davis-Bournonville Co. (Plant Builders), Van Wagnen av, Jersey City, N. J.

Delcampe Welding Co. (Portable &amp; Stationary Welding &amp; Cutting Machines), Bridgeport, Conn.

Dyer G. H. Co., Cambridge, Mass.

Economy Welding Machine Co. (Oxy-Acetylene Plant Builders), Kansas City, Mo.

Fore River Shipbuilding Corp., Quincy, Mass.

General Welding Co. ("Beltzer," Oxy-Acetylene, Oxy-Benzine), Hoboken N. J.

Great Lakes Welding Co. (Oxy-Acetylene), 937 West, N. W., Cleveland, O.

Henderson-Willis Welding &amp; Cutting Co. (Oxy-Acetylene Plant Builders), 2826 Locust, St. Louis, Mo.

Imperial Brass Mfg. Co., 524 S Racine av, Chicago, Ill. *See adv index at end of book*

K.-G. Welding &amp; Cutting Co., 556 W 34th, New York

Knox Pressed &amp; Welded Steel Co. (Oxy-Acetylene), Pittsburgh, Pa.

Laclede Iron Works (Oxy-Acetylene), 1315 Chestnut, St. Louis, Mo.

Linde Air Products Co., 42nd St. bldg, New York. *See adv index at end of book*

MacLeod Co. (Plant Mfrs.), 2227 Bogen, Cincinnati, O.

*See adv index at end of book*

Manitowoc Engineering Works, Manitowoc, Wis.

Metals Welding Co. (Oxy-Acetylene Plant Builders), 4400 Perkins av, Cleveland, Ohio

**MILBURN A. ALEXANDER CO.**, 1420 W Baltimore, Baltimore, Md.  
*See adv index at end of book*

Morgan Mfg. Co. ("Morgan," Portable Oxy-Acetylene Outfit), Newport, R. I.

National Welding &amp; Mfg. Co. (All Metals), Buffalo, N. Y.

National Welding &amp; Mfg. Co., 527 W Jackson boul, Chicago, Ill.

Northern Welding Co. (Contractors) 2429 Univ av, S E, Minneapolis, Minn.

Oakes Co., The (Spot), Indianapolis, Ind.

Olson-Klopf Welding &amp; Cutting Co. (Contractors), Seattle, Wash.

Oxweld Acetylene Co. (Oxy-Acetylene), 640 Frelinghuysen av, Newark, N. J.

Pipe Cooling, Bending &amp; Welding Co., 33d &amp; A. V. R. R., Pittsburgh, Pa.

Portable Welder Mfg. Co. (Complete Portable Plants), Kansas City, Mo.

Portland Co. (Oxy-Acetylene), Portland, Me.

Prentiss Henry &amp; Co. (Oxy-Acetylene), 49 Federal, Boston, Mass.

Richmond Water Softener Co. (Contract Welding), Richmond, Ind.

Sanford F. C. Mfg. Co. (Portable &amp; Stationary Oxy-Acetylene), Bridgeport, Conn.

**SCAIFE WM. B. & SONS CO.**, First National Bank bldg, Pittsburgh, Pa., & 26 Cortlandt, New York  
*See adv index at end of book*

Sowers Mfg. Co., Buffalo, N. Y.

Trageser Jno. Steam Copper Works (Oxy-Acetylene), 447 W 26th, New York

Vulcan Process Co. (Oxy-Acetylene Equipments), 25th &amp; University av, S E, Minneapolis, Minn.

Waterhouse Welding Co. (Welding &amp; Welding Equipment, 15 Pelham, Boston, Mass.

Watson Mfg. Co., Toledo, O.

Welded Steel Barrell Corp. (Oxy-Acetylene), Hart av &amp; Charlevoix, Detroit, Mich.

Western Drop Forge Co. (Oxy-Acetylene), P. O. Box 386, Marion, Ind.  
*See adv index at end of book*

Worcester Pressed Steel Co., Worcester, Mass.

**16743a—\*Welding (Boiler Tube)****MacKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.  
*See adv index at end of book***16744—Welding (Electric)**

Akron-Selle Co., Akron, O.

American Electric Welding Co., 200 5th av, New York

American Fork &amp; Hoe Co., Jackson, Mich.

American Tube &amp; Stamping Co., Bridgeport, Conn.

Automatic Electric Welder Co. (Butt &amp; Spot), 618 W Jackson bldg, Chicago, Ill.

Best Co., 33rd &amp; R. R., Pittsburgh, Pa.

Bossert Corp, The (Spot & Electric Arc), Utica, N. Y. *See adv index at end of book*

Brunswick Refrigerating Co. (For the Trade), West New Brunswick, N. J.

Columbiana Boiler Co., Columbiana, O.

Columbus Bolt Works Co., Columbus, O.

Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.

**GEUDER PAESCHKE & FREY CO.**, (Spot, Seam & Butt), Milwaukee, Wis.  
*See adv index at end of book*

Indianapolis Switch &amp; Frog Co., Springfield, O.

Kellogg M. W. Co., 90 West, New York  
*See adv index at end of book*

Lewis Electric Welding &amp; Mfg. Co., Toledo, O.

Manitowoc Ship Building Co., Manitowoc, Wis.

Michigan Electric Welding Co., Detroit, Mich.

Michigan Salt Works, Marine City, Mich.

National Electric Welder Co. (Spot, Butt Jump &amp; Seam), Warren, O.

Pipe Coiling, Bending &amp; Welding Co., 33d &amp; A. V. R. R., Pittsburgh, Pa.

Pittsburgh Metal Brazing Co., 2939 Smallman, Pittsburgh, Pa.

Snead & Co. Iron Works (Spot), 98 Pine Jersey City, N. J.  
*See adv index at end of book*

Standard Boiler Works, Seattle, Wash.

**STANDARD PARTS CO.** (Job Welding), W 73rd, Cleveland, O.  
*See adv index at end of book*

Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.

Thomson Spot Welder Co. ("Spot Welding"), Cincinnati, O.

Trageser John Steam Copper Works, 44 W 26th, New York

Universal Electric Welding Co., 30 E 42d New York

Universal Welding Co., Saint Anne, Ill.

Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*Whitman & Barnes Mfg. Co., 1000 W 120th Chicago, Ill. *See adv index at end of book*

Winfield Electric Welding Machine Co. ("Winfield" for Butt, Jump &amp; Spot Welding), Warren, O.

Wood Jno. Mfg. Co., Conshohocken, Pa.

Worcester Pressed Steel Co. (Electric Spot), Worcester, Mass.

**16745—\*Welding (Oxy-Acetylene)****LINDE AIR PRODUCTS CO.**, 42nd St bldg, New York  
*See adv index at end of book***MILBURN A. ALEXANDER CO.**, 1420 W Baltimore, Baltimore, Md.  
*See adv index at end of book*Snead & Co. Iron Works, 98 Pine, Jersey City, N. J. *See adv index at end of book*Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*Western Drop Forge Co., P. O. Box 386 Marion, Ind. *See adv index at end of book***16746—\*Welding (Oxy-Hydrogen)**Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis. *See adv index at end of book***16747—Welding (Steam Flue)**

Fix's S. Sons, Leonard c Winter, Cleveland, Ohio

**16748—Welding (Thermit Process)**

Goldschmidt Thermit Co., 120 B'way, New York

**16749—Welding & Cutting Apparatus (Oxy-Acetylene)**

Admiral Welding Machine Co., Kansas City, Mo.

Air Reduction Sales Co., 120 B'way, New York

American Oxygen Co. ("Vulcan"), 2d Elm, Cincinnati, O.

Ashton, Laird &amp; Co., 607 W 43d, New York

Atlas Welding Works, Rahway, N. J.

Autogenous Welding Devices Co., Kansas City, Mo.

Autogenous Welding Equipment Co., Springfield, Mass.

Bermo Welding Co., 1915 Harney, Omaha, Neb.

Bernz Otto, 21 Ashland ave, Newark, N. J.

Bird-Wilcox Co., Atlanta, Ga.

Bishop-Babcock Becker Co., 1205 E 55th Cleveland, O.

Braun J. G. (Oxygen Acetylene), 609 S Paulina, Chicago, Ill.

Burdett Mfg. Co., 1401 W Jackson blvd Chicago, Ill.

Campbell Iron Co., 821 Cass av, St. Louis, Mo.

Carbic Mfg. Co., Duluth, Minn.

Cox Brass Co. ("Cox"), Albany, N. Y.

Crowell Wm. Co., Van Horn &amp; Central R R, Jersey City, N. J.



Davis-Bournonville Co., Van Wagenen av, Jersey City, N. J.  
 Delcampe Welding Co., Bridgeport, Conn.  
 Economy Welding Machine Co., Southwest blvd & Centre av, Kansas City, Mo.  
 End-Oxy Appliance Co. ("Leekite"), 29 N Willow, Trenton, N. J.  
 General Welding Co. ("Ideal"), 355 14th, Hoboken, N. J.  
 Great Western Cutting & Welding Co., 884 Folsom, San Francisco, Cal.  
 Harris Calorific Co., Cleveland, O.  
 Henderson-Willis Welding & Cutting Co., 2305 N 11th, St. Louis, Mo.  
 Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.

**OXY-ACETYLENE APPARATUS**  
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**CHICAGO**

Industrial Oxygen Co., 11 Pine, New York  
 International Oxygen Co., 115 B'way, New York  
 Jahnke Welding & Mfg. Co., 111 Main, San Francisco, Cal.  
 K-G Welding & Cutting Co., 556 W 34th, New York  
 MACLEOD CO., 2227 Bogen, Cincinnati, Ohio. See adv index at end of book  
 Messer & Co. ("Automat"), 121 N 7th, Phila. Pa.

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Stationary and portable plants of all sizes for manufacturing, foundries, repair work, wrecking and special purposes.

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Metals Welding Co., 4400 Perkins av, Cleveland, O.  
 Metal Welding & Supply Co., Denver, Col.  
**MILBURN ALEXANDER CO.** ("Milburn"), 1420 W Baltimore, Baltimore, Md.  
 Modern Engineering Co., 14th & St. Charles, St. Louis, Mo.  
 Oxweld Acetylene Co. (Oxweld), 640 Frelinghuysen av, Newark, N. J.  
 Oxy-Acetylene Appliance Co., 149 B'way, New York  
 Prest-O-Lite Co. ("Prest-O-Lite"), Crawfordsville rd, Indianapolis, Ind.  
 Schemmel Geo. C., Wapakoneta, O.  
 Searchlight Co., 910 S Michigan av, Chicago, Ill.  
 Sowers Mfg. Co., Buffalo, N. Y.  
 Superior Oxy-Acetylene Machine Co., Hamilton, O.  
 Tolman Mfg. Co. ("Tolman"), 19 West Third, Boston, Mass.  
 Turner Brass Works, Sycamore, Ill.  
 Varwig Mfg. Co., 120 Opera pl, Cincinnati, Ohio

Vulcan Brazing & Machine Co., 1630 Vine, Phila., Pa.  
 Vulcan Process Co., 25th & Univ. av, S E, Minneapolis, Minn.  
 Waterhouse Welding Co., 15 Pelham, Boston, Mass.

**16750—Well Casings & Supplies**

National Tube Co., Frick bldg, Pittsburgh, Pa. See adv index at end of book

**Well Supplies (Artesian & Tubular)**

See Machinery, Well Drilling

**16751— Welting (Shoe)**

Brockton Welting Co., Brockton, Mass.  
 Fallon W. J., 34 Norfolk av, Boston, Mass.  
 Rockland Welting Co., Rockland, Mass.  
 Worcester Counter Co., Worcester, Mass.

**16752— Whalebone**

American Whalebone Co., 454 Broome, New York  
 National Whalebone Co., 25 W 45th, New York  
 Walohn Mfg. Co., 31 Union sq W., New York

**Wharf Builders**

See Dock Builders

**16753—Wheel Truing Device**

Taylor & Fenn Co., Hartford, Conn.

**Wheelbarrows**

See Barrows, Various Kinds

**Wheels (Abrasive & Grinding)**

See Emery & Corundum Wheel Mfrs.

**16754—\*Wheels (Agricultural Implement)**

See also Wheels, Metal

**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. See adv index at end of book  
 Little J. R. Metal Wheel Co., Quincy, Ill.

**16755—Wheels (Automobile)**

Ackerman Wheel Co., Rockefeller bldg, Cleveland, O.  
 Auburn Wheel & Mfg. Co., Auburn, R. I.  
 Eberly & Orris Co., Mechanicsburg, Pa.  
 French & Hecht, Davenport, Ia.  
 Harris Co. The, Easthampton, Mass.  
 Hayes Wheel Co., Jackson, Mich.  
 Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.  
 Hoopes Bro. & Darlington (Inc.), West Chester, Pa.  
 Houk Mfg. Co. (Wire), 1710 Elmwood av, Buffalo, N. Y.  
 Hydraulic Pressed Steel Co. (Pressed Steel), Cleveland, O.  
 Imperial Wheel Co., Flint, Mich.  
 Kelsey Wheel Co., 1282 Military av, Detroit, Mich.  
 Phelps Mfg. Co. ("Freyer" Wire Demountable), Columbus, O.  
 Prudden Wheel Co., Lansing, Mich.  
 Salisbury Wheel & Mfg. Co., Jamestown, N. Y.  
 Sewell Cushion Wheel Co., 1296 Gratiot, Detroit, Mich.  
 Williams Steel Wheel & Rim Co., Utica, N. Y.

**16756-7—Wheels (Automobile Steering)**

See also Gears, Automobile Steering

American Hard Rubber Co. (Hard Rubber), 9 Mercer, New York  
 American Wood Rim Co. (Wood), Onaway, Mich.  
 Auto Wheel Co., Lansing, Mich.  
 Byrne, Kingston Co. ("Kingston"), Kokomo, Ind.  
 Cox Aero Works, Bayonne, N. J.  
 Detroit Motor Car Supply Co., Kercheval & Connors c'k, Detroit, Mich.  
 Halladay, L. P. Co., Streator, Ill.  
 Hussey Drop Forge & Mfg. Co. (Slide, Tilting, Solid, etc), Cleveland, O.  
 Neville Steering Wheel & Mfg. Co., 700 Woodward av, Detroit, Mich.  
 Rastetter Louis & Son, Fort Wayne, Ind.  
 Warner Gear Co., Muncie, Ind.

**Wheels (Automobile Truck)**

See Wheels, Metal

**16758—Wheels (Baby Carriage)**

Bay State Metal Wheel Co., East Templeton, Mass.  
 Burgess & Norton Mfg. Co. (Go-Cart Wheels), Geneva, Ill.

**16759—Wheels (Ball Bearing)**

Burgess & Norton Mfg. Co. (For Invalid Chairs, Hospital Beds, etc), Geneva, Ill.  
 Gardner Sash Pulley Co. (For All Purposes), 15 N Jefferson, Chicago, Ill.  
 McCabe Hanger Mfg. Co., 425 W 25th, New York  
 Pressed Steel Mfg. Co. ("Knipe" Small), Land Title bldg, Phila., Pa.

**16760— \*Wheels (Barrow)**

See also Wheels, Metal

**ELECTRIC WHEEL CO.** (Steel), Station D, Quincy, Ill.  
 See adv index at end of book

**JACKSON MFG. CO.**, Harrisburg, Pa.

See adv index at end of book

**16761— \*Wheels (Belt)**

Mesta Machine Co. (Steel), Pittsburgh, Pa.  
 See adv index at end of book

**16762— Wheels (Brake)**

Dayton Mall. Iron Co. ("Perfect"), Dayton, O.  
 National Malleable Castings Co., Cleveland, O.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

**16763— Wheels (Brass)**

Buckeye Iron & Brass Works (Finished), Dayton, O.

**16764—Wheels (Buffing & Polishing)**

See also Buffing & Polishing Machines  
 Armstrong Cork Co. (Cork, for Polishing Glass), 24th & A. V. R. R., Pittsburgh, Pa.  
 Bacon Felt Co. ("Bacon" Felt), Winchester, Mass.  
 Bennett-O'Connell Co. (Canvass-Felt, Bull Neck, etc), 3600 S Morgan, Chicago, Ill.  
 Besly Chas. H. & Co. (Hand Polishing), 120 N Clinton, Chicago, Ill.  
 Buchanan Thos. Co., 29 W 3rd, Cincinnati, O.  
 Burns E. Reed ("Acme" Pierced, "Victor" Sheepskin, "Champion" Canvas, "Eureka" Solid Leather, also Wool Felt Leatherine, Canvas, Bullneck, etc), 27 Jackson, Brooklyn, N. Y.  
 Chicago Wheel & Mfg. Co. ("Chicago," Leather, Sheepskin, Canvas, Muslin, etc), 1101 W Monroe, Chicago, Ill.  
 Clizbe Bros. Mfg. Co., Plymouth, Ind.  
 Codman F. L. & J. C. Co. (Cotton), 15 Elkins S, Boston, Mass.  
 Cossackie Wheel & Mfg. Co., Cossackie, N. Y.  
 Day S. A. Mfg. Co. ("Monarch" Sewed), 1483 Niagara, Buffalo, N. Y.  
 Divine Bros. Co. ("The Compress"), Utica, N. Y.  
 Eastern Felt Co., Winchester, Mass.  
 Foot Mfg. Co. (Sheepskin, Solid Bull Neck Leather, "Challenge" Canvas, etc), Germania av, Jersey City, N. J.  
 Gardner Machine Co. ("Gardiner" Band Polishing), Beloit, Wis.  
 Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.  
 Jackson Mills Emery Co. (Wood, Leather Covered, Sheepskin, Walrus, Canvas, Felt, Paper Wheels, Buffs, etc), Easton, Pa.  
 L'Hammedieu Chas. F. & Sons Co. ("Reliance," Canvas, Sheepskin, etc), 24 S Clinton, Chicago, Ill.  
 Miller & Co. ("Walrine" Leather), 12 William, Newark, N. J.  
 Munning-Loeb Co., Matawan, N. J.



Nickel Adolph Mfg. Co., 311 Main, Cincinnati, O.  
 Page Belting Co. (Leather Polishing), Concord, N. H.  
 Pfeighar Hardware Specialty Co. ("Peerless" Leather), New Haven, Conn.  
 Rickless A. & Co., Chelsea, Mass.  
 Rockwood Mfg. Co. (Paper), Indianapolis, Ind.  
 Springfield Mfg. Co., Bridgeport, Conn.  
 Sterling Grinding Wheel Co., Tiffin, O.  
 Superior Corundum Wheel Co., Waltham, Mass.  
 Thayer P. E. & Co., Pawtucket, R. I.  
 Tingle, Brown & Co., 118 E 25th, New York  
 Williamsville Buff Mfg. Co., Danielson, Conn.

### 16765—Wheels (Cable Reel)

Hallett Iron Works ("Hallett"), Harvey, Ill.

### 16766—Wheels (Car)

See also Wheels, Mine Car

Albany Car Wheel Co., Albany, N. Y.  
 American Car & Foundry Co. (Chilled, etc.), Syndicate Trust bldg, St. Louis, Mo.  
 American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 American Steel Foundries ("Davis" Cast Steel), McCormick bldg, Chicago, Ill.  
 Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Baltimore Car-Wheel Co., Fulton Sta., Baltimore, Md.  
 Barney & Smith Car Co., Dayton, O.  
 Barnum-Richardson Co., Lime Rock, Conn.  
 Bass Foundry & Machine Co., Fort Wayne, Ind.  
 Bloomsburg Car Mfg. Co., Bloomsburg, Pa.  
 Bradley, Osgood Car Co., Worcester, Mass.  
 Bonney-Floyd Co. (Special Alloy Steel, Mine & Industrial), Columbus, O.  
 Brill J. G. Co., 62d & Woodland av, Phila., Pa.  
 Brown Car Wheel Works, 466 Howard, Buffalo, N. Y.  
 Buda Co., Railway Exch. bldg, Chicago, Ill.  
 Buffalo Car Wheel Foundry Co., Dunn bldg, Buffalo, N. Y.  
 Butler Car Wheel Co., Pittsburgh, Pa.  
 Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburgh, Pa.  
 Cayuta Mfg. Co., Sayre, Pa.  
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.  
 Chester Steel Castings Co., Chester, Pa.  
 Connellsville Machine & Car Supply Co., Connellsville, Pa.  
 Cumberland Foundry & Mfg. Co. (Chilled), Nashville, Tenn.  
 Dickson Car Wheel Co. (Chilled Car & Engine), Houston, Tex.  
 Duncan Foundry & Machine Works (Chilled), Alton, Ill.  
 Eagle Iron Works Co., Terre Haute, Ind.  
**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.  
 Enterprise Foundry & Machine Wks. ("Whitney"), Bristol, Tenn.  
 Ferguson & Lange Foundry Co. (Chilled), Clybourne av & Willow, Chicago, Ill.  
 Ford & Kimball, Concord, N. H.  
 Forged Steel Wheel Co. (Forged Steel), Pittsburgh, Pa.  
 Galena Iron Works Corp., Galena, Ill.  
 Griffin Wheel Co. (Chilled Iron Wheels of All Kinds), Main Office, 332 S Michigan av, Chicago, Ill.  
 Gustafson Mfg. Co., Chattanooga, Tenn.  
 Harris-Stevens Co., Pittsburgh, Pa.  
 Haskell & Barker Car Co., Michigan City, Ind.  
 Hunt C. W. Co., West New Brighton, N. Y.  
*See adv index at end of book*  
 Houston Car Wheel & Machine Co., Houston, Texas  
 Kilbourne & Jacobs Mfg. Co. (For Industrial Cars), Columbus, Ohio  
 Laconia Car Co., 60 Congress, Boston, Mass. Works: Laconia, N. H.  
 Lehigh Car Wheel & Axle Works, Catasauqua, Pa.  
 Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.  
 Louisville Car Wheel & Railway Supply Co., Louisville, Ky.  
 Manistee Iron Works Co., Manistee, Mich.

Marshall Car Wheel & Foundry Co., Marshall, Tex.  
 Maryland Car Wheel Works, Curtis Bay, Baltimore, Md.  
 Midvale Steel Co. (Rolled Steel and Steel Tired), Nicetown, Phila., Pa.  
 Mount Vernon Car Mfg. Co., Mt. Vernon, Ill.  
 National Car Wheel Co. (Chilled Iron), Keystone bldg, Pittsburgh, Pa.  
 New York Car Wheel Co. (All Kinds), Buffalo, N. Y.  
 Oliver Wm. J. Mfg. Co., Knoxville, Tenn.



New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco  
 Pennsylvania Casting & Machine Co. (For Mine Locomotives, Street Cars, etc), 501 Preble, Pittsburgh, Pa.  
 Pittsburgh Iron & Steel Foundries Co. (Industrial), Midland, Pa.  
 Portage Lake Foundry & Machine Co. (Chilled), Hancock, Mich.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 Prosser Thos. & Son ("The Krupp"), 15 Gold, New York  
 Ramapo Foundry & Wheel Works, Ramapo, N. Y.  
 Russel Wheel & Foundry Co., Detroit, Mich.  
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.  
 St. Paul Foundry Co., Como av & Macubin, St. Paul, Minn.  
*See adv index at end of book*  
 Sanford-Day Iron Works ("Whitney"), Knoxville, Tenn.  
 Sheffield Car Co. (Wrought, Steel), Three Rivers, Mich.  
 Southern Wheel Co. (Chilled), Railway Exch. bldg, St. Louis, Mo.  
 Standard Car Wheel Co. (Chilled), Cleveland, O.  
**Steiger & Kerr Stove & Foundry Co., 2201 Folsom, San Francisco, Cal.**  
 Tredegar Co., ft of 5th, Richmond, Va.  
**TURL IRON & CAR CO., INC., THE**, 50 Broad, New York. Works: Newburgh, N. Y.  
 Tuscaloosa Iron Works, Tuscaloosa, Ala.  
 Union Iron Works, Hoboken, N. J.  
 Watt Mining Car Wheel Co., Barnesville, Ohio  
 Western Steel Car & Foundry Co. 37 W Van Buren, Chicago, Ill.  
 Youngstown Steel Car Co. (8 to 24 inches), Youngstown, O.

### 16767—Wheels (Car, Ball or Roller Bearing)

Bonney-Floyd Co. (Special Alloy Steel, Ball & Roller Bearing & All Types, Self-Lubricating), Columbus, O.  
 Buda Co., Railway Exch. bldg, Chicago, Ill.  
 Chase Foundry & Mfg. Co. (Roller Bearing), 2700 Parsons av, Columbus, O.  
*See adv index at end of book*  
 Ottumwa Iron Wks (For Mine & Lumber Trucks), Ottumwa, Ia.  
 Sanford-Day Iron Works ("Whitney"), Knoxville, Tenn.

### 16768—Wheels (Carborundum & Aloxite Grinding)

Carborundum Co., Niagara Falls, N. Y.

### 16769—Wheels (Carriage & Wagon)

Archibald Guilford Wheel Co., Guilford, Conn.  
 Archibald Wheel Co., 150 West Lawrence, Mass.  
 Armstrong Wm. H., South Coventry, Conn.  
 Avoca Wheel Co., Avoca, N. Y.  
 Baltimore Hub-Wheel & Mfg. Co., Fallsway & Gy, Baltimore, Md.  
 Bimel Spoke & Auto Wheel Co., Portland, Ind.  
 Bookwalter Wheel Co., Miamisburg, O.  
 Buckley John Hub, Spoke & Wheel Co., 969 N 2d, Phila., Pa.  
 Burlington Wheel Co., Burlington, Ia.  
 Central City Wheel Works, Syracuse, N. Y.  
 Concord Wheel Co., Concord, N. H.

Crane & MacMahon ("Hickory Nut", "Acorn"), 10 Bridge, New York  
 Daniels Geo. E. (Heavy), Rowley, Mass.  
 Dickinson Ball Bearing Wheel & Vehicle Co. (With Ball Bearing Boxes), Little Rock, Ark.  
 Eames Alfred M. & Co., Farmingham, Mass.  
 Eberly Wilber A. Wheel Works, York, Pa.  
 Eberly & Orris Mfg. Co., Mechanicsburg, Pa.

### ELECTRIC WHEEL CO., Station D. Quincy, Ill. *See adv index at end of book*

Ford & Co., Tippecanoe City, O.  
 Hinkel J. K. Mfg. Co., Mechanicsburg, Pa.  
 Hollingsworth Wheel Co., Hagerstown, Md.  
 Holt Bros. Mfg. Co., Concord, N. H.  
 Hoopes Bros. & Darlington (Inc.), West Chester, Pa.  
 Jerome Henry, Worcester, Mass.  
 Jones Phineas & Co., 305 Market, New York, N. J.  
 Kerr L. S. D., Frenchtown, N. J.  
 Lebzelter Phillip & Son Co. ("Star", "Warner"), Lancaster, Pa.  
 Luedinghaus - Espenschied Wagon Co. (Heavy), 1715 N B'way, St. Louis, Mo.  
 McGlone Bros., Morehead, Ky.  
 Madison Wheel Co., Madison, O.  
 Merrill Francis S., Amesbury, Mass.  
 Mitchell Wheel Co., Miamisburg, O.  
 Muncie Wheel Co. ("Bannister"), Muncie, Ind.  
 Mutual Wheel Co., Moline, Ill.  
 Ness Bros. & Co., York, Pa.  
 New Haven Carriage Co., New Haven, Conn.  
 New Wapakoneta Wheel Co., Wapakoneta, Ohio.  
 Niles & Scott Co. (Heavy), La Porte, Ind.  
 North Carolina Wheel Co., High Point, N. C.  
 Oddy, Hodgson & Son, Wallingford, Conn.  
 Owensboro Wheel Co. (Wood), Owensboro, Ky.  
 Parry Mfg. Co., Indianapolis, Ind.  
 Pinneo & Daniels Co., Dayton, O.  
 Rex Buggy Co., Connerville, Ind.  
 Rowe's Robt. Sons, Brentwood, N. H.  
 Shortsville Wheel Co. ("Sweet's"), Shortsville, N. Y.  
**Southern Buggy Co. (Buggy), Oxford, N. C.**  
 Standard Wheel Co., Terre Haute, Ind.  
 Stevens A. E. & Co., Portland, Me.  
 Stinson Edward Mfg. Co., 327 North, Baltimore, Md.  
 Trammel Co., Gallatin, Tenn.  
 Union City Wheel Co., Union City, Ind.  
 Union Wheel Works, 53 Stanton, Newark, N. J.  
 West Falmouth Mfg. Co., West Falmouth, Me.  
 Wheel & Wood Bending Co., Bridgeport, Conn.  
 Whiteside Wheel Co., Indianapolis, Ind.  
 Zwick & Greenwald Wheel Co., Dayton, O.

### 16770—Wheels (Caster)

See also Caster Manufacturers

**Bogert & Hopper (Wooden), 67 Barclay New York**  
 Clark W. J. Co. ("Clarco" Pressed Steel), Salem, O.  
 Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*  
 Peters' Jno. M. Sons (Wood Caster Rolls), Blecker, N. Y.  
 Rome Scale & Mfg. Co., Rome Ga.  
 Sommer John Faucet Co. (Wooden), 355 Central av, Newark, N. J.  
 Spaulding J. & Sons Co. (Hard Fibre), N. Rochester, N. H.  
 Standard Fibre Co. (Hard Fibre), Miller st, Somerville, Mass.  
 Union Porcelain Works (Porcelain), 300 Eckford, Brooklyn, N. Y.  
 Worcester Pressed Steel Co., Worcester, Mass.

### 16771—Wheels (Chilled Bridge)

Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

### Wheels (Concrete Mixer)

See Wheels, Metal

### 16772—Wheels (Crane)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.



Bonney-Floyd Co. (Manganese & Various Carbon & Alloy Steels), Columbus, O.  
Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.

### 16773—Wheels (Derrick Bull)

Channon Jas. H. Mfg. Co. (For Swinging Booms on Derricks), 227 W Erie, Chicago, Ill.

**LIDGERWOOD MFG. CO.**, 96 Liberty, New York *See adv index at end of book*  
National Equipment Co., 125 S Racine, av, Chicago, Ill.

### 16774—Wheels (Disc)

Buffalo Forge Co., Buffalo, N. Y.  
Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.

### 16775—Wheels (Driving)

American & British Mfg. Co., Charles, Providence, R. I.  
Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.  
Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
Chester Steel Casting Co., Chester, Pa.  
Commonwealth Steel Co. ("Davis" Steel), Pierce bldg, St. Louis, Mo.  
Falk Co., ft 30th, Milwaukee, Wis.  
**JEFFREY MFG. CO.**, 961 N 4th, Columbus, O. *See adv index at end of book*  
**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*  
Nagle Corliss Engine Works (For Power Drive), Erie, Pa.  
New York Car Wheel Co., Buffalo, N. Y.  
Ramapo Iron Works, Hillburn, N. Y.  
Wason Mfg. Co., Springfield, Mass.

### Wheels (Driving, Steel Tired)

*See Wheels, Steel Tired Car*

### 16776—Wheels (Dry Kiln)

*See also Wheels, Metal*  
Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, O.  
*See adv index at end of book*

### 16777—Wheels (Felt)

Bacon Felt Co. ("Bacon"), Winchester, Mass.  
Day S. A. Mfg. Co., 1483 Niagara, Buffalo, N. Y.  
Eastern Felt Co. (For Polishing, etc), Winchester, Mass.

### 16778—Wheels (Fibre Truck)

Lansing Co., Lansing, Mich.  
Standard Fibre Co., Miller st, Somerville, Mass.

### 16779—Wheels (Fifth)

Akron-Selle Co., Akron, O.  
Columbus Bolt Works Co., Columbus, O.  
Donigan & Nielson ("Nielson"), 743 3d av, Brooklyn, N. Y.  
Eccles Richard Co., Auburn, N. Y.  
Empire Roller Fifth Wheel Works (Roller), Quincy, Ill.  
Gogel Mfg. Co. (Center & Rear King Bolt), Toledo, O.  
Herbrand Co., Fremont, O.  
Keystone Forging Co. ("Derby"), Northumberland, Pa.  
King Fifth Wheel Co., 5027 Beaumont av, Phila., Pa.  
Martin Rocking Fifth Wheel Co. (Truck Convertible), 244 Main, Springfield, Mass.  
Millersburg Fifth Wheel Co., Millersburg, Pa.  
National Safety Fifth Wheel Co., Lancaster, Pa.  
Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.  
Superior Fifth Wheel Co., Superior, Wis.  
Wilcox D. Mfg. Co. (Full Line), Mechanicsburg, Pa.

### 16780—Wheels (Flange)

Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*

### 16781—Wheels (Fly)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.  
Caldwell E. R. & Co., Bradford, Pa.  
Caldwell H. W. & Son Co. (Small & Large), 17th & Western av, Chicago, Ill.  
Carey W. W. Co. (Wood Rim, Iron Center), Lowell, Mass.  
Cooper C. & G. Co., Mount Vernon, O.  
Cresson-Morris Co. (Up to 30 ft), Allegheny & 18th, Phila., Pa.  
Danville Foundry & Machine Co., Danville, Pa.

### DODGE SALES & ENGINEERING CO.

Mishawaka, Ind.  
Erie Forge Co. (Links), Erie, Pa.  
Eyster, Weiser & Co., York, Pa.  
Filer & Stowell Co., Milwaukee, Wis.  
Fitchburg Foundry Co., Fitchburg, Mass.  
Golden's Foundry & Machine Co., Columbus, Ga.  
Goodnow L. H. F'dy Co. (Finished Ready for Engine), Fitchburg, Mass.  
Great Lakes Engineering Works, Detroit, Mich.

Hardie-Tynes Mfg. Co., Birmingham, Ala.  
Hill Clutch Co., 1000 W 58th, Cleveland, O.  
Interstate Foundry Co., E 61st & Erie R. R., Cleveland, O.

Jones W. A. Foundry & Machine Co., 4401 W 12th, Chicago, Ill.

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

Lehigh Foundry Co. (To Any Size), Fullerton, Pa.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill., & Hunting Park av & P. & R. Ry, Phila., Pa. *See adv index at end of book*

Mackintosh, Hemphill & Co. (Large for Rolling Mills, etc), Pittsburgh, Pa.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich. *See adv index at end of book*

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.

Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

Nagle Corliss Engine Works (Extra Heavy, etc), Erie, Pa.

Nordberg Mfg. Co., Milwaukee, Wis.

Philadelphia Roll & Machine Co., 23d & Wash'n av, Phila., Pa.

Platt Iron Works Co., Dayton, O.

Poole Engineering & Machine Co. (Up to 50 ft Diameter & 12 ft Face), Woodberry Station, Baltimore, Md.

Pyott Co., 1401 W North av, Chicago, Ill.

Pyott Foundry Co., 328 N Sagamon, Chicago, Ill.

Taylor-Wilson Mfg. Co., McKees Rocks, Pa.

United Iron Works Co., Springfield, Mo.

Vulcan Iron Works, Wilkes-Barre, Pa.

Wearne Bros., Omaha, Neb.

Webster Mfg. Co., Tiffin, O.

**WHITON D. E. MFG. CO.** (Finished Ready for Gas Engines), New London, Conn. *See adv index at end of book*

Wood's T. B. Sons Co., Chambersburg, Pa.

**16782—Wheels (Fly Rope Pulley)**

Finch Mfg. Co. (Sheave), Scranton, Pa.

Mackintosh, Hemphill & Co. (Large), Pittsburgh, Pa.

**16783—Wheels (Gear)**

Bonney-Floyd Co. (Various Carbon Steels, Manganese & Alloy Steels), Columbus, Ohio

Mesta Machine Co., Pittsburgh, Pa. *See adv index at end of book*

**16784—\*Wheels (Gear, Hard Fibre)**

**DELAWARE HARD FIBRE CO.**, Wilmington Del. Works: Marshallton, Del. *See adv index at end of book*

**WILMINGTON FIBRE SPECIALTY CO.**, Wilmington, Del. *See adv index at end of book*

**16785—Wheels (Gilding)**

Coe W. H. Mfg. Co. ("Coe's" & "Coe's" Ribbon Gold Leaf), 74 Weybosset, Providence, R. I.

**16786—Wheels (Hand & Push Car)**

Atlas Car & Mfg. Co., Cleveland, O. *See adv index at end of book*

Bonney-Floyd Co. (Special Alloy Steel, Manganese & Various Carbon Steels), Columbus, O.

Brown A. & F. Co., 79 Barclay, New York, Works: Elizabethport, N. J.

Eberly & Orvis Mfg. Co., Mechanicsburg, Pa.

**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*

Eyster, Weiser & Co., York, Pa.

Kalamazoo Railway Supply Co. (Pressed Steel "Kalamazoo"), Kalamazoo, Mich.

Lansing Co., Lansing, Mich.

Little J. R. Metal Wheel Co., Quincy, Ill.

Loddell Car Wheel Co., G nr Christiana, Wilmington, Del.

New York Car Wheel Co., Buffalo, N. Y.

Sanford-Day Iron Works, Knoxville, Tenn.

Sheffield Car Co., Three Rivers, Mich.

**16787—Wheels (Industrial Car)**

Bonney-Floyd Co. (Special Alloy Steel, Self-Lubricating, All Types), Columbus, O.

**16788—Wheels (Logging)**

Holt Mfg. Co., Stockton, Cal.

Huntsville Foundry & Machine Co., Huntsville, Ala.

Little J. R. Metal Wheel Co., Quincy, Ill.

Streich A. & Bro. Co. (10 to 12 Feet), Oshkosh, Wis.

**16789—Wheels (Logging Car)**

*See also Wheels, Mine Car*

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York: Chicago; Koppel, Pa.; Pittsburgh, San Francisco.

**16790—Wheels (Marble & Granite Polishing)**

Bacon Felt Co. ("Bacon"), Winchester, Mass.

Harrison Supply Co., 5 Dorchester av, Boston, Mass.

**16791—Wheels (Marine Steering)**

*See also Gears, Marine Steering*

Barnes Tool Co., New Haven, Conn.

Byrne, Kingston Co. (Kingston), Kokomo, Ind.

Edson Mfg. Co. ("Edson"), 257 Atlantic av, Boston, Mass.

Hall W. S. Co., Rochester, N. Y.

Laughlin, Thomas Co., Portland, Me.

Marine Mfg. & Supply Co., 158 South, New York

Stoddart A. P. & Co., Gloucester, Mass.

Wilcox, Crittenden & Co. (Bronze, Iron & Wood), Middletown, Conn.

**16792—Wheels (Metal)**

Aluminum Casting Co. (Aluminum Truck), Cleveland, O.

Baker A. D. Co., Swanton, O.

Bay State Metal Wheel Co., East Templeton, Mass.

Buchanan Electric Steel Co. (Truck), 806 Jackson blvd, Chicago, Ill.

Bush Foundry & Metal Wheel Co., Quincy, Ill.

Clark W. J. Co. ("Clarco" for Gasoline Trucks), Salem, O.

Dayton Steel Foundry Co. (Truck), Dayton, O.

**When writing to firms whose names appear in this book please mention**

**HENDRICKS'**

**COMMERCIAL REGISTER.**



**ELECTRIC WHEEL CO.** (Steel Wagon, Carts, etc), Station D, Quincy, Ill.

*See adv index at end of book*

Empire Mfg. Co., Quincy, Ill.

French & Hecht (Truck), Davenport, Ia.

Geneva Metal Wheel Co. (All Steel), Geneva, Ohio

Havana Metal Wheel Co., Havana, Ill.

Heartley Machine, Variety Iron & Tool Works (Children's Carriages, Wagons, Wheelbarrow, Implements, etc), 900 Summit, Toledo, O.

**JACKSON MFG. CO.**, Harrisburg, Pa.

*See adv index at end of book*

Kilbourne & Jacobs Mfg. Co. ("Lewis" Steel Spoke), Columbus, O.

Knox Metal Wheel Co., Knox, Ind.

Lansing Wheelbarrow Co., Lansing, Mich.

Little J. R. Metal Wheel Co. (Truck & For All Purposes), Quincy, Ill.

Mott Wheel Works (Wire), Jackson, Mich.

Niles & Scott Co., Laporte, Ind.

Peru Plow & Wheel Co., Peru, Ill.

Prudden Wheel Co. (Motor Truck), Lansing, Mich.

Sheffield Car Co. (Steel Truck), Three Rivers, Mich.

Shunk Plow Co. (Steel for Farm Wagons), Bucyrus, O.

Sidney Steel Scraper Co. ("Haslup's" Steel), Sidney, O.

Smith A. O. Co. (Bicycle), Milwaukee, Wis.

Smith Wheel Co. (Inc), (Malleable Iron for Trucks), Syracuse, N. Y.

Standard Steel Castings Co. (For Motor Trucks), Cleveland, O.

Toledo Metal Wheel Co. (Small Wheels for Toy Automobiles, Baby Carriages, etc), Toledo, O.

Western Wheelbarrow Mfg. Co. ("Copper" Patent), South Ft. Smith, Ark.

West Steel Casting Co. (Truck), 805 E 7th, Cleveland, O.

Williams Steel Wheel & Rim Co., Utica, N. Y.

### 16793—Wheels (Mine Car)

American Car & Foundry Co. (Self-Oiling), Syndicate Trust bldg, St. Louis, Mo.

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

American Steel Foundries, McCormick bldg, Chicago, Ill.

Atlas Car & Mfg. Co., Cleveland, O.

*See adv index at end of book*

Bartlett & Co., Saginaw, Mich.

Bonney-Floyd Co. (Special Alloy Steel, All Types, Self-Lubricating), Columbus, O.

Bowler Fdy. Co. (Chilled), 1688 Columbus, Cleveland, O.

Buda Co., Railway Exch bldg, Chicago, Ill.

Chattanooga Car & Foundry Co., Chattanooga, Tenn.

Cherry Tree Machine Co. (Ring Oiler), Cherry Tree, Pa.

Connellsville Machine & Car Supply Co., Connellsville, Pa.

Duncan Foundry & Machine Works ("Hercules" Chilled), Alton, Ill.

Eagle Iron Works ("Eagle"), Des Moines, Ia.

Eagle Iron Works Co. ("Parker"), Terre Haute, Ind.

Easton Car & Construction Co., 4th st, Easton, Pa.

Enterprise Foundry & Machine Works (A. W. Whitney's" Self-Oiling), Bristol, Tenn.

Eyster, Weiser & Co., York, Pa.

Fairmont Mining Machinery Co. (Self-Oiling), Fairmont, W. Va.

Fulton Pit Car Co. (Semi-Steel), Canal Fulton, Ohio

Galena Iron Works Corp., Galena, Ill.

Griffin Wheel Co., 332 S Michigan av, Chicago, Ill.

Gustafson Mfg. Co. ("Gustafson" Self-Oiling Roller Bearing), Chattanooga, Tenn.

Harman & Hassert, Bloomsburg, Pa.

Helmick Foundry & Machine Co., Fairmont, W. Va.

Hempfield Foundry, Greensburg, Pa.

Herzler & Henninger Machine Works, Belleville, Ill.

Hockensmith Wheel & Mine Car Co. ("Eureka" Roller Bearing, etc), Penn Station, Pa.

Hunt C. W. Co., West New Brighton, N. Y.

*See adv index at end of book*

Industrial Iron Works, Clinton, Mo.

Irwin Foundry & Mine Car Co. ("Eureka" Waste Packed), Irwin, Pa.

Kanawha Mine Car Co. (Wheels & Axles), Charleston, W. Va.

Kilby Car & Foundry Co., Anniston, Ala.

Lake Shore Engine Works ("Florida Improved"), Marquette, Mich.

Lansing Co., Lansing, Mich.

Lehigh Car Wheel & Axle Works, Catasqua, Pa.

Litchfield Fdry. & Mach. Co., Litchfield, Ill.

Lobdell Car Wheel Co. ("Faught's"), Closed Hub, Self-Oiling Chilled Wheels), G. nr Christiana, Wilmington, Del.

Love Mfg. Co. (Self-Oiling), Corry, Pa.

**MACKINNON BOILER & MACHINE CO.**, 218 N Water, Bay City, Mich.

*See adv index at end of book*

Mineral Ridge Mfg. Co., Mineral Ridge, O.

National Malleable Castings Co., Cleveland, O.

New York Car Wheel Co., Buffalo, N. Y.

Niles Mine & Supply Co., Niles, O., & Williamson bldg, Cleveland, O.

Oliver Wm. J. Mfg. Co., Knoxville, Tenn.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco

Pennsylvania Casting & Machine Co. (Wheels & Axles), 501 Preble, Pittsburgh, Pa.

Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.

Pittsburgh Iron & Steel Foundries Co. (Roller Bearing), Midland, Pa.

Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.

Ramapo Fdry. & Wheel Works, Ramapo, N. Y.

Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.

Sanford-Day Iron Works ("Whitney" Roller Bearing), Knoxville, Tenn.

South Fork Foundry & Machine Works, South Fork, Pa.

Southern Wheel Co. Railway Exch. bldg, St. Louis, Mo.

Star Mfg. Co., New Lexington, O.

Stine S. B., Osceola Mills, Pa.

Union Iron Works (Inc.), Spokane, Wash.

United Iron Works Co., Springfield, Mo.

Watt Mining Car Wheel Co. (Self-Oiling & Roller Bearing), Barnesville, O.

Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

Wilkes-Barre Iron Mfg. Co., Wilkes-Barre, Pa.

### Wheels (Motor Truck)

*See Wheels, Metal*

### 16794—Wheels (Pipe Cutter)

Barnes Tool Co. ("Saunders" Patent), New Haven, Conn.

Collmer Bros., South Bend, Ind.

Crown Die & Tool Co. ("Crown" Patented Serrated), 555 W Monroe, Chicago, Ill.

Ellis & Ford Mfg. Co., Detroit, Mich.

Mark Mfg. Co., Evanston, Ill.

National-Acme Mfg. Co., 7500 Stanton av, S E, Cleveland, O.

Reed Mfg. Co., Erie, Pa.

Walworth Mfg. Co., Boston, Mass.

### Wheels (Polishing)

*See Wheels, Buffing & Polishing*

### 16795—Wheels (Pressed Steel)

Buda Co., Railway Exch. bldg, Chicago, Ill.

Clark W. J. ("Clarco"), Salem, O.

Galesburg Coulter-Disc Co., Galesburg, Ill.

Indestructible Wheel Co., Lebanon, Ind.

Oakes Co. The, Indianapolis, Ind.

Worcester Pressed Steel Co., Worcester, Mass.

### 16796—Wheels (Propeller)

*See also Ship Builders*

American Manganese Bronze Co. (Brass & Bronze), 3501 Rhawn, Phila., Pa.

Auto Engine Works (For Boats), University & Griggs av, St. Paul, Minn.

Barber Bros. (Reversing), Syracuse, N. Y.

Bay City Iron Co., Bay City, Mich.

Bayonne Casting Co. (Monel Metal), Bayonne, N. J.

Bryant & Berry Co. ("B. & B."), 32 W Atwater, Detroit, Mich.

Cahill W. S. Co., ft of Webster, Baltimore, Md.

Camden Anchor-Rockland Machine Co. ("Knox"), Camden, Me.

Chester Steel Casting Co., Chester, Pa.

Columbian Brass Foundry ("Columbian"), Freeport, N. Y.

Cramp Wm. & Sons Ship & Engine Building Co., Beach & Ball, Phila., Pa.

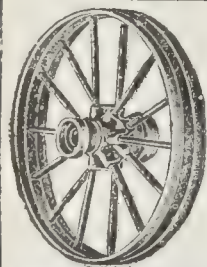
Detroit River Iron Works, Detroit, Mich.

Duluth Gas Engine Works ("Crescent"), Duluth, Minn.

Erie Specialty Co. (Brass & Bronze), 520 W 12th, Erie, Pa.

Ferguson F. & Son, Hoboken, N. J.

Frontier Engineering Co., Detroit, Mich.

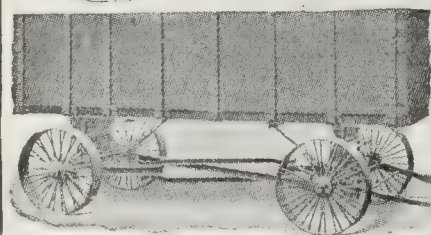


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**For any purpose, any size or width of Tire to fit any kind or size of axle**

Wheels for Truck Wagons, Contractors' Wagons and Carts; Farm Implements, CONCRETE MIXERS, Road Machinery, Log Wagons, Portable Mounts, TRACTION ENGINES, Heavy Trucks of all kinds; also complete Farm Trucks, Log and Freighting Wagons, wood and steel axles.

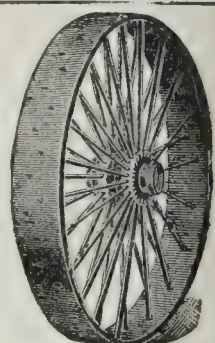


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FREIGHTING  
WAGONS



WRITE FOR CATALOGS

**ELECTRIC WHEEL COMPANY**  
Station "D," QUINCY, ILL., U. S. A.





Gibson & Kirk Co. (Brass for Launches, etc), 217 Key Highway, Baltimore, Md.  
 Great Lakes Engineering Works, Detroit, Mich.  
 Hyde Windlass Co. ("Gale"), Bath, Me.  
 Lacy Jas. J. Co., Block & Wills, Baltimore, Md.  
 Lake Shore Engine Works ("New Superior" Reversible), Marquette, Mich.  
 Laughlin Thos. Co. (Bronze), Portland, Me.  
 Lockwood Mfg. Co., 65 Sumner East, Boston, Mass.  
 McFarland Foundry & Machine ("Hartman"), Trenton, N. J.  
**MACKINNON BOILER & MACHINE CO.**, ("Specialty, Small Yacht Wheels"), 218 N Water, Bay City, Mich.  
*See adv index at end of book*  
 Marine Hardware Co. ("Geyer" Reversible), Peabody, Mass.  
 Marine Hardware - Equipment Co. ("Acme" Manganese Bronze), South Portland, Me.  
 Michigan Wheel Co., Grand Rapids, Mich.  
 Moore Sam'l L. & Sons, Elizabeth, N. J.  
 Morris Machine Works, Baldwinville, N. Y.  
 New London Marine & Iron Works, New London, Conn.  
**Penn Seaboard Steel Corp.**, 1418 Chestnut, Phila., Pa.  
 Portland Co., Portland, Me.  
 Pusey & Jones Co. (Also Gearing Wheels), ft Poplar, Wilmington, Del.  
 Reeves Paul S. & Co. ("Reeves" Tubal Manganese Bronze, also Brass, Bronze & Phosphor Bronze), 1415 Cathrine, Phila., Pa.  
**ROPER C. F. & CO.** ("Roper"), Hopedale, Mass. *See adv index at end of book*  
 Shaw Propeller Co. ("Shaw" Marine), 15 Elkins, Boston, Mass.  
 Sheriffs Mfg. Co., Milwaukee, Wis.  
 Sterling Engine Co. ("Sterling" Reversible Blade for Motor Boats), Buffalo, N. Y.  
 Sullivan Jno. W. Co., 827 E 9th, New York  
 Trout H. G. Co., Buffalo, N. Y.  
 Vanadium Metal Co., Vanadium bldg, Pittsburgh, Pa.  
 Wilmarth & Morman Co. ("Sintz"), 1151 Monroe av N W, Grand Rapids, Mich.

### 16797—Wheels (Racking Chain)

Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.

### 16798—Wheels (Radiator Valve Wood)

See also Wheels, Valve, Wood

Bogert & Hopper, 67 Barclay, New York.  
**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*  
 National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*  
 Standard Turning Works, Cambridge, Mass.  
 Thayer Geo. A., Watson, Mass.

### 16799—Wheels (Ratchet Brake)

American Vulcanized Fibre Co. (Fibre), Wilmington, Del.  
 Baker John S. ("Beverly" Ratchet Clutch Vertical, for Vestibuled Street Cars), Beverly, Mass.  
 Pressed Steel Car Co., 307 5th av, Pittsburgh, Pa.  
 St. Louis Car Co., 8000 N B'way, St. Louis, Mo.  
 Western Steel Car & Foundry Co., 37 W Van Buren, Chicago, Ill.

### 16800—Wheels (Reducing)

See also Indicators; also Planimeters

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Ashcroft Mfg. Co. (For Steam & Gas Engine Indicators), 119 W 40th, New York  
 Bushnell John S. & Co. ("Ideal"), 146 Liberty, New York  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
 Mallery S. W. (Indicator), 123 Liberty, New York  
 Robertson Jas. L. & Son ("The Victor"), 78 Murray, New York  
**SCHAEFFER & BUDENBERG MFG. CO.**, Berry & S 5th, Brooklyn, N. Y.  
*See adv index at end of book*

**Star Brass Mfg. Co.** ("Star"), 103 E Dedham, Boston, Mass.  
 Thompson Richard & Co. ("Ideal"), 126 Liberty, New York  
 Trill Indicator Co. ("Faultless"), Corry, Pa.  
 Webster & Perks Tool Co. (Aluminum), Springfield, O.

### 16801—Wheels (Roller Bearing)

Bonney-Floyd Co. (Special Alloy Steel for Mine & Industrial Cars, Self-Lubricating), Columbus, O.  
 Chattanooga Car & Foundry Co., Chattanooga, Tenn.  
**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.  
 Gustafson Mfg. Co., Chattanooga, Tenn.

### 16802—Wheels (Roller Skate)

American Vulcanized Fibre Co. (Fibre), 504 Equitable bldg, Wilmington, Del.  
 Bogert & Hopper (Wooden), 67 Barclay, New York  
**BOSTON PRESSED METAL CO.** (To Order Only), 169 Union, Worcester, Mass. *See adv index at end of book*  
 Continental Fibre Co. (Vulcanized Fibre), Newark Centre, Del.  
**DELAWARE HARD FIBRE CO.** (Fibre), Wilmington, Del. Works: Marshallton, Del. *See adv index at end of book*  
 Diamond State Fibre Co. (Fibre), Elsmere, Del.  
**ESTES E. B. & SONS** (Wooden), 358 5th av, New York *See adv index at end of book*  
 Flagg Stanley G. & Co. (Mall, Iron), Morris bldg, Phila., Pa.  
**MATTHEWS MFG. CO.** (Steel), 104 Gold, Worcester, Mass.  
*See adv index at end of book*  
 National Fibre & Insulation Co. (Fibre), Yorklynne, Del.  
 Spaulding J. & Sons Co. (Hard Fibre), P. O. Box 52, Tonawanda, N. Y.  
*See adv index at end of book*  
 Union Hardware Co., Torrington, Conn.  
 Worcester Pressed Steel Co., Worcester, Mass.

### 16803—Wheels (Rope)

Caldwell H. W. & Son Co., Western av & 17th, Chicago, Ill.  
 Link-Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.  
*See adv index at end of book*  
 Mesta Machine Co., Pittsburgh, Pa.  
*See adv index at end of book*

### 16804—Wheels (Rubber Tired)

**CLARK'S** THE HOME OF 1000 TRUCKS WINDSOR LOCKS, CT  
 Clark Geo. P. Co. (Trucks & Furniture), Windsor Locks, Conn.  
 Clark W. J. Co. (Clarco"), Salem, O.  
 Lansing Co. (Truck), Lansing, Mich.  
 Meeker Mfg. Co., Dayton, O.  
 Rome Scale & Mfg. Co., Rome, Ga.  
 Sewell Cushion Wheel Co., Detroit, Mich.

### 16805—Wheels (Self-Oiling)

(For Mine & Other Light Cars)  
 American Car & Foundry Co., Syndicate Trust bldg, St. Louis, Mo.  
 American Manganese Steel Co. ("Amsco" & "Stag") Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 American Scale Co., Kansas City, Mo.  
 Atlas Car & Mfg. Co., Cleveland, O.  
*See adv index at end of book*  
 Bonney-Floyd Co. (Special Alloy Steel for Mine & Industrial Cars, All Types), Columbus, O.  
 Chattanooga Car & Foundry Co. ("Moccasin"), Chattanooga, Tenn.  
 Chrome Steel Works (Mine Car, Canada Patent), Chrome, N. J.  
 Davis F. M. Iron Works Co., Denver, Col.  
 Denver Engineering Works Co., Denver, Col.  
 Duncan Foundry & Machine Works (Chilled), Alton, Ill.  
**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.  
 Fairmont Mining Machinery Co. (Mine Car), Fairmont, W. Va.  
 Gustafson Mfg. Co. (For Mine Cars), Chattanooga, Tenn.

Helmick Foundry & Machine Co. (Chilled), Fairmont, W. Va.  
 Hunt C. W. Co., West New Brighton, N. Y. *See adv index at end of book*  
 Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
 Lake Shore Engine Works ("Flodin"), Marquette, Mich.  
 Lansing Co., Lansing, Mich.  
 Lehigh Car, Wheel & Axle Works, Cata-sauqua, Pa.  
 Lobdell Car Wheel Co. ("Faught's" Closed Hub), G nr Christiana, Wilmington, Del.

**ORENSTEIN-ARTHUR KOPPEL CO.**

New York; Chicago; Koppel, Pa.; Pittsburgh; San Francisco  
 Ottumwa Box Car Loader Co. (Mine Car), Ottumwa, Ia.  
 Phillip's Mine Supply Co., 2227 Jane, Pittsburgh, Pa.  
 Southern Wheel Co., Railway Exch. bldg, St. Louis, Mo.  
 Stine S. B., Osceola Mills, Pa.  
 Truax Mfg. Co., 1117 Wazel, Denver, Col.  
 Union Iron Works, Spokane, Wash.  
 United Iron Works Co., Springfield, Mo.  
 Watt Mining Car Wheel Co. (Mine Car), Barnesville, O.

### 16806—Wheels (Solid Forged & Rolled Steel)

Standard Steel Works Co., Morris bldg, Phila., Pa.

### 16807—Wheels (Solid Rubber)

Home Rubber Co. (Brewers', etc), Trenton, N. J.

### 16808—Wheels (Spinning)

Pierce F. B. Co., Keene, N. H.

### 16809—Wheels (Sprocket)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.  
 Baldwin Chain & Mfg. Co., Worcester, Mass.  
 Barnard & Leas Mfg. Co., Moline, Ill.  
**BARTLETT C. O. & SNOW CO.**, French st, Cleveland, O.  
*See adv index at end of book*  
 Blount Engineering Co., 100 High, Boston, Mass. *See adv index at end of book*  
 Brown A. & F. Co., 79 Barclay, New York. Works: Elizabethport, N. J.  
 Bullock Chas. K., 1361 Ridge av, Phila., Pa.  
 Caldwell H. W. & Son Co., 17th & Western av, Chicago, Ill.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky. *See adv index at end of book*  
 Chain Belt Co., Milwaukee, Wis.  
 Channon Jas. H. Mfg. Co., 227 W Erie, Chicago, Ill.  
 Chisholm-Moore Mfg. Co. (Chain), 49th to 53rd & Lake, Cleveland, O.  
 Cresson-Morris Co., Allegheny & 18th, Phila., Pa.  
 Crofoot Gear Works, Cambridge, Mass.  
 Cullman Wheel Co., 1346 Altgeld, Chicago, Ill.  
 Davis Rodney, 624 Race, Phila., Pa.  
 Diamond Chain & Mfg. Co., Indianapolis, Ind.  
 Diamond Iron Works (For Saw Mills, etc), 2nd & 18th av N, Minneapolis, Minn.  
 Dodge Sales & Engineering Co., Mishawaka, Ind.  
 Farnum Mfg. Co., 39 Indiana, Buffalo, N. Y.  
 Filer & Stowell Co., Milwaukee, Wis.  
**FOOTE BROS. GEAR & MACHINE CO.** (Plain or Hub), 210 N Carpenter, Chicago, Ill. *See adv index at end of book*  
**GANSCHOW WM. CO.** (Plain or Hub), 1001 Washington blvd, Chicago, Ill.  
*See adv index at end of book*  
 Garland M. Co., Bay City, Mich.  
 Great Western Mfg. Co., Leavenworth, Kan.  
 Hill Clutch Co., 1000 W 58th, Cleveland, O.  
 James D. O. Mfg. Co. (Plain or Hub), 1120 W Monroe, Chicago, Ill.  
**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O. *See adv index at end of book*



Jones W. A. Foundry & Machine Co. (For Chain Drives, Gearing), 4401 W 12th, Chicago, Ill.

Lehigh Car Wheel & Axle Works, Cata-sauqua, Pa.

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P & R. Ry., Phila., Pa.  
*See adv index at end of book*

Mead-Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.

Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.

Meese & Gottfried Co., 660 Mission, San Francisco, Cal.

Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

Michigan Sprockett Chain Co., Delray, Detroit, Mich.

Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.

Moline Malleable Iron Co., St. Charles, Ill.

Muncie Gear Works, Muncie, Ind.

Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.

**NUTTALL R. D. CO.**, McCandless & Harrison av, Pittsburgh, Pa.  
*See adv index at end of book*

Parish & Bingham Co. (Motorcycle), Cleveland, O.

Philadelphia Gear Works, East Vine, Phila., Pa.

Portland Iron Works, 14th & Northrup, Portland, Ore.

Pyott Co., 1401 W North av, Chicago, Ill.

Rock Products Equipment Corp., 42 Church New York.  
*See adv index at end of book*

Sier-Bath Co., 143 W 54th, New York

Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.

Standard Sand & Machine Co., 5150 St. Clair av, Cleveland, O.

Stephens-Adamson Mfg. Co., Aurora, Ill.

Union Malleable Iron Co., East Moline, Ill.

United Iron Works Co., Springfield, Mo.

Webster Mfg. Co., Tiffin, O.

Weller Mfg. Co., 853 W North av, Chicago, Ill.

Woburn Gear Works, Woburn, Mass.

### 16810-1—Wheels (Steel Tired Car)

Lehigh Car Wheel & Axle Works, Cata-sauqua, Pa.

Lobdell Car Wheel Co., G nr Christiana, Wilmington, Del.

Midvale Steel Co., Nicetown, Phila., Pa.

Prosser Thos. & Son (the Krupp), 15 Gold, New York

Railway Steel Spring Co. (For Electric Railway Cars), Spoke & Plate Engine Truck, Spoke Engine & Coach or Tender, etc), 30 Church, New York

Sanford-Day Iron Works, Knoxville, Tenn.

Standard Steel Works Co. (Car & Locomotive), Morris bldg, Phila., Pa.

Taylor Electric Truck Co., Troy, N. Y.

### Wheels (Steel Truck)

*See* Wheels, Metal

### 16812-3—\*Wheels (Steel Vehicle)

*See also* Wheels, Metal

**ELECTRIC WHEEL CO.**, Station D, Quincy, Ill. *See adv index at end of book*

### Wheels (Steering)

*See* Wheels, Automobile Steering; also Wheels, Marine Steering

### Wheels (Street Car)

*See* Wheels, Car

### 16814—Wheels (Tracing)

Cassady, Fairbank Mfg. Co., 6126 S La Salle, Chicago, Ill.

Lowentrant P. Mfg. Co., 36 Brenner, Newark, N. J.

Osborne C. S. & Co., Harrison, N. J.

### 16815—Wheels (Traction)

Electric Wheel Co. (Engine), Station D, Quincy, Ill. *See adv index at end of book*

**LINK-BELT CO.**, 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Phila., Pa.

*See adv index at end of book*

### 16816—Wheels (Traveling Crane)

American Manganese Steel Co. ("Amsco" & "Stag" Brand Manganese Steel), 332 S Michigan av, Chicago, Ill.

Lobdell Car Wheel Co. (Chilled Double Flange), G nr Christiana, Wilmington, Del.

New York Car Wheel Co., Buffalo, N. Y.

### 16817—Wheels (Trolley)

American Safety Lamp & Mine Supply Co., Scranton, Pa.

Anderson Albert & J. M. Mfg. Co. ("West End," Made of Special Metal), 289 A, Boston, Mass.

Bayonet-Trolley-Harp Co. ("Bayonet," Pure Copper, Self - Lubricating), Springfield, O.

Benedict & Burnham Branch ("Franklin"), Waterbury, Conn.

Brady Brass Co. ("Cyprus"), 170 14th, Jersey City, N. J.

Buckeye Iron & Brass Works (Bronze), Dayton, O.

Cleveland Trolley Wheel Co., Cleveland, O.

Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.

Edna Brass Mfg. Co., Cincinnati, O.

Electric Materials Co., North East, Pa.

Electric Ry. Equipment Co., Cincinnati, O.

Eureka Co. (Bronze), North East, Pa.

Garton W. R. Co. ("Garton," "Urban," "Interurban"), 17 S Desplaines, Chicago, Ill.

**GENERAL ELECTRIC CO.** (Composed of a Copper Alloy, Self-Lubricating), Schenectady, N. Y.

*See adv index at end of book*

Graham Jas. & Co., New Haven, Conn.

Hensley Trolley & Mfg. Co., 363 Holden av, Detroit, Mich.

Hercules Metal Works (Bronze), Cata-sauqua, Pa.

Hodgkins J. F. Co., Gardner, Me.

Holden & White, Fisher bldg, Chicago, Ill.

Holland Trolley Supply Co., 1623 E 43d, Cleveland, O.

International Register Co. ("Excelsior"), 15 Throop, Chicago, Ill.

Ives H. B. Co. ("New Haven"), New Haven, Conn.

Magnus Co., 111 B'way, New York

More-Jones Brass Mfg. Co. (Lubricated Oilless), B'way & Dock, St. Louis, Mo.

National Brass Mfg. Co. (Also "Standard" Sleet Wheels), Rochester, N. Y.

**NUTTALL R. D. CO.**, McCandless & Harrison av, Pittsburgh, Pa.  
*See adv index at end of book*

Ohio Brass Co., Mansfield, O.

Sackett Mine Supply Co., Columbus, O.

Star Brass Works ("Kalamazoo," Pure Copper), Kalamazoo, Mich.

Stuart-Howland Co. ("Amesbury"), 234 Congress, Boston, Mass.

Universal Trolley Wheel Co., Northampton, Mass.

Wesco Supply Co. ("Wesco," Pure Copper), 7th & Clark av, St. Louis, Mo.

### 16818—Wheels (Valve, Metal)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Forg Peter Mfg. Co. (Pressed Steel), 50 Park, Somerville, Mass.

Jarecki Mfg. Co., Erie, Pa.

Kelly & Jones Co., 135 Water, Pittsburgh, Pa.

**McRAE & ROBERTS CO.**, 227 Campbell av, Detroit, Mich.

*See adv index at end of book*

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Pittsburgh Valve & Fittings Co., Frick bldg, Pittsburgh, Pa.

Powell Wm. Co., Cincinnati, O.

Walworth Mfg. Co., Boston, Mass.

Yonts C. H. & Co. ("Noburn"), Meadville, Pa.

### 16819—Wheels (Valve Wire)

Lynd Leonard E. Mfg. Co. ("Zero"), Mechanicsville, N. Y.

Sawyer Tool Mfg. Co. ("Prouty"), Ashburnham, Mass.

### 16820—Wheels (Valve, Wood)

*See also* Wheels, Radiator Valve

Bogert & Hopper, 67 Barclay, New York

Eby F. B. Handle Co., 12th & Stanley, Detroit, Mich.

Estes E. B. & Sons, 358 5th av, New York

*See adv index at end of book*

Holton-Abbott Mfg. Co. ("Kantsplit," Wood Metal Untitized), 59 Goram, West Somerville, Mass.

**McRAE & ROBERTS CO.**, 227 Campbell av, Detroit, Mich.

*See adv index at end of book*

National Tube Co., Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

Piqua Handle Co., Piqua, O.

Standard Turning Works, Cambridge, Mass.

**STILES H. A. & CO.** (Wood), 93-97 Oliver, Boston, Mass. *See adv index at end of book*

### Wheels (Vehicle)

*See* Wheels, Metal; also Wheels, Steel Vehicle

### Wheels (Wagon)

*See* Wheels, Carriage & Wagon

### 16821—Wheels (Well)

American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.

Channon Jas. H. Mfg. Co. (Cast Iron), 227 W Erie, Chicago, Ill.

Colebrookdale Iron Co. (Or Gin Wheels), Pottstown, Pa.

Laughlin Thos. Co. (Anti-Friction), Portland, Me.

New London Vise Works (Roller Bushed), New London, Conn.

Reading Hardware Co., Reading, Pa.

Sargent Co. New Haven, Conn.

Susquehanna Casting Co., Wrightsville, Pa.

Weller Hdw. & Fdry. Co., Horseheads, N. Y.

Wilcox, Crittenden & Co., Middletown, Conn.

Wrightsville Hardware Co., Wrightsville, Pa.

### Wheels (Wheelbarrow)

*See* Wheels, Barrow; also Wheels, Metal

### 16822—Wheels (Wire)

Bridgeport Engineering Co. ("Dunlap" Automobile), Stratford, Conn.

Cameron Wire Wheel Co., 47 Adelaide, Detroit, Mich.

F. & H. Wire Wheel Co., Columbus, O.

Houk Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.

Kelly Automobile Co., 4560 W Congress, Chicago, Ill.

Lee & Porter (With Channel Irons for Cushion Rubber Tires), Buchanan, Mich.

Mott Wheel Works, Jackson, Mich.

Phelps Mfg. Co., S High, Columbus, O.

Rastetter Louis & Son, Fort Wayne, Ind.

Reed & Curtis Machine Screw Co., Worcester, Mass.

Spranger Rim & Wheel Co., 139 Beaubien, Detroit, Mich.

**STANDARD ROLLER BEARING CO.** ("Rudge Whitworth"), 50th & Lancaster av, Phila., Pa.

Universal Welding Co., St. Anne, Ill.

Weston-Mott Co. (Steel Rims), Flint, Mich.

Wire Wheel Corp. of America, Springfield, Mass.

### 16823—Wheels (Wire Spoke)

Gendron Wheel Co., Toledo, O.

Houk Mfg. Co., 1710 Elmwood av, Buffalo, N. Y.

Toledo Metal Wheel Co., Toledo, O.

### Wheels (Wood)

*See* Wheels, Carriage & Wagon

### Wheels (Worm)

*See* Gears, Worm

### 16824—Wheels & Axles (Ball or Roller Bearing)

Archibald Wheel Co., 150 West, Lawrence, Mass.

Atlas Car & Mfg. Co., Cleveland, O.

*See adv index at end of book*

Bonney-Floyd Co. (Special Alloy Steel, Roller Bearing, Self - Lubricating), Columbus, O.

Buda Co., Railway Exch. bldg, Chicago, Ill.

Burgess & Norton Mfg. Co. ("Gazelle" Ball Bearing Vehicle Axles), Geneva, Ill.



Concord Axle Co. ("Brown's" Roller Bearing), Penacook, N. H.  
 Duncanson Foundry & Machine Works (Roller Oiled), Alton, Ill.  
**EASTON CAR & CONSTRUCTION CO.**, 4th st, Easton, Pa.  
 Evans & Coppins Co. (Ball), Princeton, Ill.  
 Gustafson Mfg. Co., Chattanooga, Tenn.  
 Houk Mfg. Co. (Wheels), 1710 Elmwood av, Buffalo, N. Y.  
 Hutchinson Jno. Mfg. Co. (Roller Bearings), Jackson, Mich.  
 Lakewood Engineering Co. ("Lakewood" Roller Bearing, Cage or Babbit), Cleveland, O.  
*See adv index at end of book*  
 Lee & Porter Mfg. Co. ("Porter" Vehicle), Buchanan, Mich.  
 Pittsburgh Iron & Steel Foundries Co. (Roller Bearing Wheels), Midland, Pa.  
 Sheldon Axle & Spring Co. (Ball Bearing Axles), Wilkes-Barre, Pa.  
 Southern Wheel Co., Railway Exchange bldg, St. Louis, Mo.  
 Timken Roller Bearing Co. (Roller Bearing Only), Canton, O.  
 United Iron Works Co., Springfield, Mo.  
 Weston-Mott Co. (Automobile, etc), Flint, Mich.  
 Youngstown Steel Car Co., Youngstown, O.

### 16825—Whetstones

Bracher Co., Belleville, N. J.  
 Pike Mfg. Co., Pike, N. H.  
 Scranton Whetstone & Abrasive Wheel Co. ("Ideal"), Scranton, Pa.

### 16826—Whims (Horse)

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. *See adv index at end of book*

### 16827—Whip Mfrs.

American Whip Co., Westfield, Mass.  
 Austin-Warren Co., Westfield, Mass.  
 Bardall J. C. Co. (Leather, Carriage, Drove, Shot Loaded, etc), Moundsville, W. Va.  
 Buchheimer Geo. H. (Dog), 1004 Rutland av, Baltimore, Md.  
 Cargill-Cleveland & Co., Westfield, Mass.  
 Cook & Parker, Westfield, Mass.  
 Cowles-Horan Whip Co., Westfield, Mass.  
 Independent Whip Co., Westfield, Mass.  
 Kentucky Whip & Collar Co., Eddyville, Ky.  
 Standard Whip Co., Westfield, Mass.  
 Steimer & Moore Whip Co., Westfield, Mass.  
 Tipp Whip Co., Tippecanoe City, O.  
 Underwood Whip Co., Westfield, Mass.  
 U. S. Whip Co., Westfield, Mass.  
 Van Deusen H. M. Whip Co., Westfield, Mass.  
 Ware Arthur W. & Co., 12 E 18th, New York

### 16828—Whip Stocks

Bardall J. C. Co. (Hickory), Moundsville, W. Va.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 16828a—Whistle Control (S. S.)

McNab Co. ("Willett-Bruce" Automatic), Bridgeport, Conn.

### 16829—Whistles (Air)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Belknap Mfg. Co., Bridgeport, Conn.  
 Buckeye Iron & Brass Works, Dayton, O.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*  
 Loper Fire Alarm Co. (Compressed Air Fire), Stonington, Conn.  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 Ohio Brass Co., Mansfield, O.  
 Powell Wm. Co., Cincinnati, O.  
**WESTINGHOUSE TRACTION BRAKE CO.**, Pittsburgh, Pa.

### 16830—Whistles (Automobile & Motor Boat)

*See also Horns, Automobile; also Horns, Fog*  
 Chase Machine Co., Cleveland, O.

Durkee C. D. & Co. (Motor Boat), 2 South, New York  
 Edmonds & Jones Corp. (Motor Boat), 436 Lawton, Detroit, Mich.  
 Folsom H. & D. Arms Co., 314 B'way, New York  
 Gray-Hawley Mfg. Co. (Motor Boat), 937 E Jeff av, Detroit, Mich.  
**LUNKENHEIMER CO.** (Motor Boat), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 Mossberg Wrench Co., Central Falls, R. I.  
 Sibley Pitman Electrical Corp. ("Tritone"), 19 W 36th, New York  
 Wilcox, Crittenden & Co. ("Ereful"), Middletown, Conn.

### 16831—Whistles (Chime)

American Steam Gauge & Valve Co., 208 Camden, Boston, Mass.  
 Belknap Mfg. Co., Bridgeport, Conn.  
 Buckeye Iron & Brass Works (All Brass, Single Bell, etc), Dayton, O.  
 Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
 Jarecki Mfg. Co., Erie, Pa.  
 Kelly & Jones Co. ("K. & J."), 135 Water, Pittsburgh, Pa.  
 Lonergan J. E. Co. (Single & Three Bell, etc), 211 Race, Phila., Pa.  
**LUNKENHEIMER CO.** (Single Bell, Three Whistles, etc), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O. *See adv index at end of book*  
 McNab & Harlin Mfg. Co., 55 John, New York  
 Nathan Mfg. Co. (For Passenger Engines, etc), 416 E 106th, New York  
 Powell Wm. Co. (Single Bell, Three Whistles, etc), Cincinnati, O.  
 Queen City Brass & Iron Works (Single Bell), Cincinnati, O.  
**SCHAEFFER & BUDENBERG MFG. CO.**, Berry & S 5th, Brooklyn, N. Y.  
*See adv index at end of book*  
 Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.

### 16832—Whistles (Conductors' & Starters')

Riley-Klotz Mfg. Co. ("Alpha" Police, Starters, etc), 17 Mulberry, Newark, N. J.  
 Woodman R. Mfg. & Supply Co., 82 Sudbury, Boston, Mass.

### 16833—\*Whistles (Electrically Operated)

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

### 16834—\*Whistles for Fog, Factory & Fire Signals

*See also Sirens, Steam*  
**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

### 16835-6—\*Whistles (Low Pressure)

**LUNKENHEIMER CO.**, Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

### Whistles (Motor Boat)

*See Whistles, Automobile & Motor Boat*

### 16837—Whistles (Speaking Tube)

American Safety Lamp & Mine Supply Co. (Slide, for Mines, etc), Scranton, Pa.  
 Everhart Brass Works (Heavy for Miners, etc), Scranton, Pa.

### 16838—Whistles (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.

Ashton Valve Co., 161 1st, Cambridge, Mass.  
 Belfield H. Co., 435 N Broad, Phila., Pa.  
 Belknap Mfg. Co., Bridgeport, Conn.  
 Buckeye Iron & Brass Works, Dayton, O.  
 Crane Co., Bridgeport, Conn.  
 Crane Co. (Est 1855), 836 S Michigan av, Chicago, Ill.  
*For branch offices see adv index at end of book*  
 Crosby Steam Gauge & Valve Co., 40 Central, Boston, Mass.  
 Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich.  
 Edna Brass Mfg. Co., Cincinnati, O.  
 Garratt W. T. & Co., 299 Fremont, San Francisco, Cal.  
 Haydenville Co., Haydenville, Mass.  
 Jarecki Mfg. Co., Erie, Pa.  
 Kelly & Jones Co., 135 Water, Pittsburgh, Pa.  
 Lonegran J. E. Co., 211 Race, Phila., Pa.  
**LUNKENHEIMER CO.** ("Mockingbird"), Executive Offices & Factories, Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*  
 McNab & Harlin Mfg. Co., 55 John, New York  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
 Nathan Mfg. Co. (Single & Plain Bell & Chime, for Passenger Locomotives, etc), 416 E 106th, New York  
 Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.  
 Powell Wm. Co., Cincinnati, O.  
 Queens City Brass & Iron Works, Spring Grove av & Gerard, Cincinnati, O.  
**SCHAEFFER & BUDENBERG MFG. CO.**, Berry & So 5th, Brooklyn, N. Y.  
*See adv index at end of book*  
 Star Brass Mfg. Co. ("Star"), 108 E Dedham, Boston, Mass.  
 Swift Lubricator Co., Elmira, N. Y.  
 Union Water Meter Co. ("Worcester Steam Gong"), Worcester, Mass.  
 Walworth Mfg. Co., Boston, Mass.

### 16838a—\*Whistles (Toy)

du Pont E. I. de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York  
 Estes E. B. & Sons (Wood), 358 5th av, New York. *See adv index at end of book*

### 16838b—\*White Lead Corroders

**HARRISONS INC.**, 35th & Grays Ferry rd, Philadelphia, Pa.

### White Metal

*See Castings, White Metal*

### 16839—\*White Metal (Ornamental)

**GORHAM COMPANY ARCHITECTURAL BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*

### 16839a—White Metal (Rolled Sheet)

**AMERICAN BRASS CO.** (Benedict Nickel), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Riverside Metal Co., Riverside, N. J.  
 Seymour Mfg. Co. (A Nickel Alloy Similar to German Silver), Seymour, Conn.

### 16840—White & Red Lead Mfrs.

Acme White Lead & Color Works, Detroit, Mich.  
 Burgess Fobes & Co. (White Seal), Portland, Me.  
 Cambria Paint & Color Co. (Ltd.), (White Seal), Johnstown, Pa.  
 Carter White Lead Co., 12042 Peoria, Chicago, Ill.  
 Chadwick-Boston Lead Co. ("Forest River," "Boston Star," Dry & in Oil), Boston, Mass.  
 Chicago White Lead & Oil Co. (White Lead), 1454 S Western av, Chicago, Ill.  
 Davis H. B. Co., Keyser bldg, Baltimore, Md.  
 Detroit White Lead Works, Detroit, Mich.  
 Eagle Paint & Varnish Mfg. Co. N S Pittsburgh, Pa.  
 Eagle Picher Lead Co. (The), ("Sublime," "Eagle"), 208 S La Salle, Chicago, Ill.  
 Enterprise Paint Mfg. Co. ("Iron Clad" White Lead), 848 W Vanburen, Chicago, Ill.  
 Eustin White Lead Co. (White Lead), Wabash Tracks, St. Louis, Mo.  
 Euston Process Co. (Pure White), Scranton, Pa.



**French Samuel H. & Co.** (Dealers & Grinders), 4th & Callowhill, Phila., Pa.  
**Fuller W. P. & Co.** ("Pioneer"), San Francisco, Cal.  
**Hammar Bros. White Lead Co.** (White Lead Only), St. Louis, Mo.  
**Harrisons Inc.** (Red Lead Corroders of White Lead), 35th & Gray's Ferry rd, Phila., Pa.  
**Harshaw, Fuller & Goodwin Co.**, Electric bldg, Cleveland, O.  
**Hazard Lead Works**, Hazardville, Conn.  
**Inland White Lead Co.**, 741 Boston av, Chicago, Ill.  
**Lawrence W. W. & Co.** ("Lawrence" Strictly Pure "Yellow Seal" Lead & Zinc, Combination Radium & Combination "White Star"), W Carson, Pittsburgh, Pa.  
**Lead Products Co.** (Red Only), 3215 Papin, St. Louis, Mo.  
**Lewis John T. & Bros. Co.**, Lafayette bldg, Phila., Pa.  
**Matheson Lead Co.**, 569 Vernon av, Long Island City, N. Y.  
**National Lead Co.** ("Dutch Boy"), 11 B'way, New York  
**National Lead & Oil Co.** (Of Pennsylvania), Commonwealth bldg, Pittsburgh, Pa.  
**Nevin T. H. Co.**, Island & Preble, Pittsburgh, Pa.  
**Pacific Oil & Lead Works**, 155 Townsend, San Francisco, Cal.  
**Pfugh A. & Co.**, Hoboken, N. J.  
**Picher Lead Co.**, Joplin, Mo.  
**Shoemaker Robert & Co.** ("Imperial" White Lead), 4th & Race, Phila., Pa.  
**Smith J. Lee & Co. (Imp.)**, 19 Jacob, New York  
**Tatham & Bros. Works**, 226 S 5th, Phila., Pa., & 82 Beekman, New York  
**United Lead Co.**, 111 B'way, New York  
**Waterall Wm. & Co.** ("Missouri" & "Blue Seal," White & "Luteco," "Watco" Red), Camden, N. J.  
**Wetherill & Bro.**, 126 S 30th, Phila., Pa.

**16841—Whiting (Gilders')**  
**Taintor H. F. Mfg. Co.** ("Taintor's" Air Dry), 2 Rector, New York

**16842—Whiting & Paris White Mfrs.**  
**Acme White Lead & Color Wks.**, Detroit, Mich.  
**Bradford Jas. Co.**, 8 E 3d, Wilmington, Del.  
**Columbia Chemical Co.**, Barberton, O.  
**Columbia Products Co.** (Whiting), Garfield bldg., Cleveland, O.  
**Coulston J. W. & Co. (Imp.)** English Cliff-stone, Paris White), 80 Maiden la, N. Y.  
**Drakenfeld B. F. & Co.** ("Cliffstone," Imp.), 50 Murray, New York  
**Dunham Thos. C.**, 68 Murray, New York  
**Excelsior Whiting Works** (E. T. Grafty, Prop.), York & Almond, Phila., Pa.  
**FOX M. EWING CO.** (In Bulk or Package), 241 E 136th, New York  
**Grote Geo. W. & Co.**, 430 E 102d, New York, & East St. Louis, Ill.  
**Hamill & Gillespie**, 240 Front, New York  
**Harshaw, Fuller & Goodwin Co.**, Electric bldg, Cleveland, O.  
**Higginson Mfg. Co.**, Newburgh, N. Y.  
**Industrial Chemical Co.** ("Alba" Whiting), 200 5th av, New York  
**Kelley Bros. & Spielman (Inc.)**, Swanson & Moore, Phila., Pa.  
**Knappmann Wm. & Co.**, Grand, Brooklyn, N. Y.  
**Nevins Sam'l Co.**, 109 S 2nd, Phila., Pa.  
**Nulsen, Klein & Krausse Mfg. Co.**, Main & Sidney, St. Louis, Mo.  
**Philadelphia Whiting Works**, 2609 E York, Phila., Pa.  
**Product Sales Co.**, 32 S Calvert, Baltimore, Md.  
**Southwark Mfg. Co.**, Camden, N. J.  
**Stickney, Tirrell & Co.**, 31 Milk, Boston, Mass.  
**Taintor H. F. Mfg. Co.** (Commercial & Gilders' Whiting, "Westminster" & "Victoria" Paris White), 2 Rector, New York  
**Vanderbilt R. T. Co.**, 50 E 42d, New York  
**Wetherill Geo. D. & Co.**, 114 N Front, Phila., Pa.

**16843—\*Wickets**

**Cincinnati Mfg. Co.**, Cincinnati, O.  
*See adv index at end of book*

**HANKE IRON & WIRE WORKS**, 800 N Albany av, Chicago, Ill.  
*See adv index at end of book*  
**Meyers Fred J. Mfg. Co.**, Hamilton, O.  
*See adv index at end of book*  
**Smith F. P., Wire & Iron Works**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
**Standard-Tyler Co. (Iron & Metal)**, 2436 W 15th, Chicago, Ill.  
**TYLER W. S. CO.** (Ornamental), Cleveland, O.  
*See adv index at end of book*  
**WRIGHT WIRE CO.** (All Metals & Finishes), Worcester, Mass.  
*See adv index at end of book*

**16843a—Wickets (Ornamental)**

**Buffalo Wire Works Co.**, 453 Terrace, Buffalo, N. Y.  
*See adv index at end of book*

**16844—Wicks (Felt, for Electric Motors, Etc.)**

**Tingue, Brown & Co.**, 118 E 25th, New York

**16845—Wicks (Lamp, Candle, Etc.)**

**Argonaut Cotton Mill Co.**, Covington, Ky.  
**Atkins & Pearce Mfg. Co.**, 5th & Eggleston, Cincinnati, O.  
**Bishop R. Mfg. Co.** ("Keystone," "Arrow," "Paragon," Ball Wicking), 157 W Sixth, South Boston, Mass.  
**California Cotton Mills Co.**, Oakland, Cal.  
**Cleveland Mill & Power Co.**, Lawndale, N. C.  
**Eagle Cotton Mills Co. (Candle Wick)**, Madison, Ind.  
**Estes Mills ("Sterling" Miners & Candle)**, Fall River, Mass.  
**Hooper Sons Mfg. Co.**, Juniper & Cherry, Phila., Pa.  
**Hooper Wm. E. & Sons Co.** (Lamp, Cotton Ball, Candle, etc), Maryland Life bldg, Baltimore, Md.  
**International Braid Co. (Stove)**, 47 Charles, Providence, R. I.  
**Jackson T. & Son Co.**, Reading, Pa.  
**Johnson R. Yarn & Cordage Mills**, Madison, Ind.  
**Lees Mfg. Co.** (Candle, Miners', Cotton Ball, etc), Westport, Conn.  
**Louisville Cotton Mills Co.**, Louisville, Ky.  
**Malden Knitting Mills**, Malden, Mass.  
**Massasoit Mfg. Co.**, Fall River, Mass.  
**Mt. Vernon-Woodberry Mills (Stoves, etc.)**, Cont. bldg, Baltimore, Md.  
**Pettit & Co.**, Lockport, N. Y.  
**Pioneer Cotton Mills (For Searchlights)**, Guthrie, Okla.  
**Richards Fred J.** (Torch, Miners, etc), Springfield, Mass.  
**Southern Mills Corp.**, Oxford, Ala.  
**Toohy M. J. & Co.**, Fall River, Mass.  
**Walters Mfg. Co.**, Fulton bldg, Pittsburgh, Pa.  
**Westport Mfg. Co.** (Candle, Miners, etc), Westport, Mass.

**16846—Wicks (Searchlight)**

**Pioneer Cotton Mills**, Guthrie, Okla.

**16847-8—Wigwams**

**Onondaga Indian Wigwam Co.**, Syracuse, N. Y.

**16849—\*Winches (Deck, Steam & Electric)**

**LIDGERWOOD MFG. CO.**, 96 Liberty, New York  
*See adv index at end of book*

**16850—Winches (Electric)**

**CLYDE IRON WORKS**, Duluth, Minn.  
*See adv index at end of book*  
**LIDGERWOOD MFG. CO.** (Steam & Electric), 96 Liberty, New York  
*See adv index at end of book*  
**SHEPARD ELECTRIC CRANE & HOIST CO.** (Coal), Montour Falls, N. Y.  
*See adv index at end of book*  
**Sprague Electric Works** (For Haulage Purposes), 527 W 34th, New York

**16851—Winches (Motor Power)**

**International Motor Co.**, 252 W 64th, New York

**16852—Winches (Pit Head)**

**Neumeyer & Dimond ("Demag." Imp.)**, 52 Beaver, New York

**16853—Winches & Windlasses**

**Acme Road Machinery Co.**, Frankfort, N. Y.  
**ALLIS-CHALMERS CO.**, Milwaukee, Wis.  
*See adv index at end of book*  
**American Engineering Co.** ("Providence," Hand, Steam & Electric, Gypsy Yacht Windlasses), Aramingo av & Cumberland, Phila., Pa.  
**American Hoist & Derrick Co.**, St. Paul, Minn.  
**Baltimore Car & Foundry Co. (Derrick)**, Pittsburgh, Pa.  
**Brown Hoisting Machinery Co.** (Winches Only), 4403 St. Clair, N. E. Cleveland, Ohio  
**Case Crane & Engineering Co.**, Columbus, Ohio  
**Channon Jas. H. Mfg. Co.** (Hand Power), 227 W Erie, Chicago, Ill.  
**Chase Machine Co.** (Double Drum Hoisting Winches), Cleveland, O.  
**Chattanooga Car & Foundry Co.**, Chattanooga, Tenn.  
**CLYDE IRON WORKS**, Duluth, Minn.  
*See adv index at end of book*  
**Dake Engine Co.**, Grand Haven, Mich.  
**Dobbie Foundry & Machine Co.**, Niagara Falls, N. Y.  
**Edson Mfg. Co.** ("Edson"), 257 Atlantic av, Boston, Mass.  
**Gillie Machine Co.** ("Gypsy" Windlasses), Tonawanda, N. Y.  
**Harvey H. H. Mfg. Co.** (For Quarries), 15 Sherman, Boston, Mass.  
**Helmick Foundry & Machine Co.**, Fairmont, W. Va.  
**Hesse-Martin Iron Works** (Winches for Contractors, etc), 434 Belmont, Portland, Ore.  
**Hyde Windlass Co.** (Steam Coaling & Electric), Bath, Me.  
**Irving Mfg. & Tool Co.** (Cargo Winches), 157 Chambers, New York  
**Kelly L. J. Mfg. Co.** (Winches & Truck Windlasses), Albany, N. Y.  
**Klemm E. R.**, 1453 Austin av, Chicago, Ill.  
**Lake Shore Engine Works** (Hand Windlasses), Marquette, Mich.  
**Laughlin Thos. Co.** (Windlasses Only), Portland, Me.  
**Marine Hardware Co.** (Hand), Peabody, Mass.  
**Marine Hardware-Equipment Co.** ("Acme" & "Mehco"), So. Portland, Me.  
**Marine Mfg. & Supply Co.**, 158 Smith, New York  
**Morris Elmer P. Iron Works (Inc.)** (Electric), 136 Liberty, New York  
**National Hoisting Engine Co.** (Winches Only), Harrison, N. J.  
**Neptune Hardware Mfg. Co.**, 54 South, New York  
**Northwestern Iron Works**, Seattle, Wash.  
**Oliver Wm. J. Mfg. Co.** (Winches), Knoxville, Tenn.  
**Reed Geo. A. & Son** (Vessel Windlasses), Gloucester, Mass.  
**Round D. & Son**, Cleveland, O.  
**Sasgen Derrick Co.** ("Sasgen" Winches, also Steel Frame Portable Winches), 3101 W Grand av., Chicago, Ill.  
*See adv index at end of book*  
**Seattle Machine Works** (Contractors' Winches), Seattle, Wash.  
**Superior Iron Works Co.** (Mooring Winches), Superior, Wis.  
**Terry & Trench Co. (Inc.)** (Wood & Steel Frame Winches), 70 E 45th, New York  
**Torry Roller Bushing Works**, Bath, Me.  
**Vulcan Iron Works**, 327 N Irving av, Chicago, Ill.  
**Wilcox, Crittenden & Co.** ("Gypsy" Windlasses), Middletown, Conn.  
**Yale & Towne Mfg. Co.** ("Brown," Safety Winches Only), 9 E 40th, New York

**16854—Wind Shields (Automobile)**

**Adapt Machinery Co.**, The, 1620-1630 Wabash av, Chicago, Ill.  
**Amesbury Brass & Foundry Co.**, Amesbury, Mass.  
**Anderson F. W. & Co.** ("Quality"), Brown & Uber, Phila., Pa.  
**Auto Brass Mfg. Co.**, 56 Friendship, Providence, R. I.  
**Automobile Equipment Co.**, Detroit, Mich.



Automobile Specialties Co. ("McGiffin"), E E, Jenkins Arcade, Pittsburgh, Pa.  
 Banker Wind Shield Co. ("Banker"), 5722 Ellsworth av. Pittsburgh, Pa.  
 Blasler-Sanborn Mfg. Co., Utica, N. Y.  
 Boesch Lamp Co., 962 Mission, San Francisco, Cal.  
 Broc Carriage & Wagon Co., N E, Cleveland, O.  
 Buob & Scheu, 216 Webster, Cincinnati, O.  
 B. & B. Mfg. Co. ("Superior"), Cleveland, O.  
 Chicago Coach & Carriage Co., 1223 S Michigan av, Chicago, Ill.  
 Coleman J. C., 137 E Gd. Blvd, Detroit, Mich.  
 Collins G. A. & Son ("Collins"), Akron, O.  
 Detroit Motor Car Supply Co., Kercheval & Connors ck, Detroit, Mich.  
 Earl Automobile Works, Los Angeles, Cal.  
 English & Mersick Co. ("E. M. Talor"), New Haven, Conn.  
 Fellweck Automobile & Mfg. Co. ("Perfect"), Evansville, Ind.  
 Findelsen & Kropf Mfg. Co., 2550 W 21st, Chicago, Ill.  
 Fowler Lamp & Mfg. Co. ("Fowler," Automatic), 59 E 24th, Chicago, Ill.  
 Gemco Mfg. Co. ("Gemco"), Milwaukee, Wis.  
 Guarantee Tire & Rubber Co. ("Long Distance"), Indianapolis, Ind.  
 Hill Mfg. Co. ("Hill"), 23 Fuller, Buffalo, N. Y.  
 Hillman Auto Supply Mfg. Co. ("Hillman"), 98 Massachusetts av, Boston, Mass.  
 Holcker-Elberg Mfg. Co. ("Holcker-Elberg"), Kansas City, Mo.  
 Irvin R. J., Manufacturing Co., Indianapolis, Ind.  
 Jacobson Bros. ("Jacobson"), 254 Central, Newark, N. J.  
 Jenkins Auto Specialty Co., Sumter, S. C.  
 Jonah & George, Merrimac, Mass.  
 Kimball C. P. & Co., 3900 S Michigan av, Chicago, Ill.  
 Limousine-Carriage Mfg. Co. ("Voltz," "Schildback" & "Beecher"), 3515 S Michigan av, Chicago, Ill.  
 London Auto Supply Co. ("Lasco," "London"), 2540-8 S Wabash av, Chicago, Ill.  
 Longdin Brugger Co., Fond du Lac, Wis.  
 Lyons Hugh & Co. ("Lyons"), Lansing, Mich.  
 Medina Stamping & Machine Co. ("Whirlwind" Glass Front), Medina, N. Y.  
 Mezger C. A. (Inc.) ("Automatic"), 13 Canal pl, New York  
 Mutual Auto Accessories Co. ("J. H."), 1777 Broadway, New York  
 National Auto Top Co. ("National"), 244 W 49th, New York  
 New England Auto Top & Body Co., 317 W 47th, New York  
 Page Woven Wire Fence Co., Monessen, Pa.  
*See adv index at end of book*  
 Paterson Vehicle Co., Paterson, N. J.  
 Pence Automobile Co. ("Pence"), 800 Hennepin av, Minneapolis, Minn.  
 Pierce Governor Co., Anderson, Ind.  
 Polson Mfg. Co., 1750 Main, Buffalo, N. Y.  
 Quinby J. M. & Co., 27 Division, Newark, N. J.  
 Racine Auto Top Co. ("The Racine"), Racine, Wis.  
 Rands Mfg. Company, Detroit, Mich.  
 Riley Bros. ("Riley"), Bridgeton, N. J.  
 Rostand Mfg. Co. ("Rostand"), Milford, Conn.  
 Russell H. J. ("Angle"), Worcester, Mass.  
 Schurmeier Wagon Co., 1204 Henn av, Minneapolis, Minn.  
 Slane O. W. Glass Co., York, Pa.  
 Smith H. R. Co., Paterson, N. J.  
 Smith Jos. N. & Co. ("Ackerman"), Detroit, Mich.  
 Sprague Umbrella Co. ("Sprague" & "Common Sense," "Col. Sprague's"), Norwalk, O.  
 Springfield Body Co., Springfield, Mass.  
 Standard Cabinet Mfg. Co. (Tiller Boards, Also Auto Dashes), Peru, Ind.  
 Star Brass Works Co., Kansas City, Mo.  
 Stewart-Carey Glass Co. ("Gibraltar," "Kamah"), Indianapolis, Ind.  
 Superior Mfg. Co., Ann Arbor, Mich.  
 Troy Carriage Sun Shade Co. ("Troy"), Troy, O.  
 Twentieth Century Garage ("Williams"), 121 S Ludonette, South Bend, Ind.  
 Universal Wind Shield Co. ("Universal"), 1607 Prairie, Chicago, Ill.  
 Vanguard Mfg. Co. ("Vanguard"), Conant rd, & G. T. R. R., Hamtramck, Detroit, Mich.

Western Mechanical Works ("Western Universal," "Kingley"), Los Angeles, Cal.

### 16855— Winders (Dump Scow, Steam)

Superior Iron Works Co., Superior, Wis.

### 16856— Winders (Invoice)

Forest City Machine Co. ("Invo" Winder Measuring Laces, Ribbons, Embroideries, etc), Rockford, Ill.

### 16857— Winders (Magnet)

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.  
 Harvard Electric Co., 525 W Van Buren, Chicago, Ill.  
 Universal Winding Co. ("Leesona"), 95 S Boston, Mass.

### 16858—Winders (Oyster Dredge)

Hettinger Engine Co., Bridgeton, N. J.  
 Page Engineering Co. ("Oriole"), Clagett & Hull, Baltimore, Md.

### 16859— Winders (Spring)

See also Spring Coiling Machines  
 Hjorth Lathe & Tool Co. ("Perfection" for Wire Springs), 27 School, Boston, Mass.

### 16860—Winding (High Tension)

Acme Wire Co., New Haven, Conn.  
 Dudlo Mfg. Co. ("Dudlo"), Ft. Wayne, Ind.

## Windlasses

See Winches & Windlasses

### 16861—Windlasses (Arc Lamp)

Ayer F. H. Mfg. Co., Chicago Heights, Ill.  
 Brady Electric Mfg. Co., New Britain, Conn.  
 Commercial Electrical Supply Co. ("Ed-dy"), 15th & Pine, St. Louis, Mo.  
 Creaghead Engineering Co., 340 Main, Cincinnati, O.  
 Cutter Geo. Co., South Bend, Ind.  
 Fletcher Mfg. Co., Dayton, O.  
 Line Material Co. (Self-Locking), S Milwaukee, Wis.  
 Morris Iron & Steel Co., Frederick, Md.

### 16862—Windlasses (Barrel & Keg)

Oram John S. Co., Cleveland, O.

### 16863— Windmills

Aermotor Co. ("Aermotor"), Campbell av, nr 12th, Chicago, Ill.  
 Althouse-Wheeler Co. (Wood or Steel Wheel Pumping; also Geared Wood Wheel), Waupun, Wis.  
 Appleton Mfg. Co. ("Goodhue"), Batavia, Ill.  
 Baltimore Cooperage Co., The, c Hanover & Creek, Baltimore, Md.  
 Baker Mfg. Co. ("Monitor"), Evansville, Wis.  
 Beckman Bros. ("B-B"), Des Moines, Ia.  
 Breyer Bros., Whiting Co., Waupun, Wis.  
 Butler Co. (Steel & Wood, Oilless), Butler, Ind.  
 Caldwell W. E. Co., 2270 Brook, Louisville, Ky.  
*See adv index at end of book*  
 Celina Mfg. Co. ("Monarch"), Celina, O.  
 Challenge Co. ("Challenge," "Dandy"), Batavia, Ill.  
 Church Stephen B., Seymour, Conn.  
**CORCORAN A. J. (INC)**, 761 Jersey av, Jersey City, N. J.  
 Currie Wind Mill Co., Topeka, Kans.  
 Dempster Mfg. & Supply Co., Des Moines, Ia.  
 Duplex Mfg. Co. ("Duplex," "Superior"), Superior, Wis.  
 Elgin Wind Power & Pump Co. Elgin, Ill.  
 Fairbanks, Morse & Co. ("Eclipse," "Fairbanks-Morse"), 900 S Wabash av, Chicago, Ill.  
 Flint & Walling Mfg. Co. (Star), Kendallville, Ind.  
 Freeman Mfg. Co., Racine, Wis.  
 Heilen-Aller Co., Napoleon, O.

Horicon Wind Mill Co. (Steel), Horicon, Wis.

Ideal Engine Co., Lansing, Mich.  
 Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.

Jackson Byron Iron Works, Berkeley, Cal.  
 Kalamazoo Tank & Silo Co., Kalamazoo, Mich.

Kregel Windmill Co., Nebraska City, Neb.  
 Krogh Mfg. Co., 147 Beale, San Francisco, Cal.

Leach Windmill & Tank Co., Joliet, Ill.  
 McDaniel & Son, Litchfield, Ill.

Mast, Foos & Co. ("Imperial" Iron Turbine, etc), Springfield, O.

Mt. Pulaski Wind Mill Co., Mount Pulaski, Ill.

Northwestern Wind Engine Co., 108 3d av, Minneapolis, Minn.

Perkins Wind Mill Co., Mishawaka, Ind.  
 Phelps & Bigelow Windmill Co. ("I. X. L."), (Steel & Wood), Kalamazoo, Mich.

Portable Elevator Mfg. Co. ("Samson"), Bloomington, Ill.  
 Rawleigh-Schryer Co., Freeport, Ill.  
 Reader Jno. B., Delavan, Wis.

Red Cross Mfg. Co., Bluffton, Ind.  
 Red King Co., Wauseon, O.

Rork M. D. Mfg. Co., Lansing, Mich.  
 Ross Supply Co. ("Rex"), Greenville, O.

Sandwich Mfg. Co., Sandwich, Ill.  
 Schmidt Geo., East Williston, N. Y.

Smith & Pomeroy Windmill Co. ("Eureka"), Kalamazoo, Mich.

Southern Rock Island Plow Co., Dallas, Tex.

Stover Mfg. Co. ("Samson" Steel, etc), Freeport, Ill.

Tanner D. F., Holland, N. Y.

U. S. Supply Co., Omaha, Neb.

U. S. Wind Engine & Pump Co. ("Model B," "Halladay," Wood & Steel), Batavia, Ill.

Walker Mfg. Co. ("Baldwin"), Council Bluffs, Ia.

Winter F. W. & Co., Faribault, Minn.

Wistrand Mfg. Co. ("Blue Star"), Galva, Ill.

Woodin & Little, 33 Fremont, San Francisco, Cal.

Woodmanse Mfg. Co. (Steel, Wooden & Power, etc), Freeport, Ill.

### 16864—Window Blind Adjusters

**BOSTON PRESSED METAL CO.** ("Osborne"), 169 Union, Worcester, Mass.

*See adv index at end of book*

Ives H. B. Co. ("Upson's"), New Haven, Conn.

Russell & Erwin Mfg. Co., New Britain, Conn.

Wire Goods Co., Worcester, Mass.

### 16865—Window Cleaning Appliances & Guards

Perfect Safety Window Guard, 15 E 40th, New York

Russell & Erwin Mfg. Co. ("Russwin"), New Britain, Conn.

Whitner Two Rope Safety Co., 133 W Washington, Chicago, Ill.

Window Cleaners' Improved Belt & Device Co. ("Royal" Improved Safety), 62 W Washington, Chicago, Ill.

### 16866—Window Display Fixtures

American Brass Fixture Works (Brass & Nickel Plated), 66 Greenpoint av, Brooklyn, N. Y.

Barlow Co. (Wax Figures, Show Cases, Papier Mache Forms), Holyoke, Mass.

Burgess Machine Co., New Haven, Conn.

Culver Irwin G. Co. (Wax Figures), 60 E 8th, New York

Curtis-Leger Fixture Co., 235 W Jackson Blvd, Chicago, Ill.

Estes E. B. & Sons, 358 5th av, New York

*See adv index at end of book*

Faries Mfg. Co. ("Eiffel Tower," Revolving), Decatur, Ill.

Feldman L. A. Fixture Co., 24 W 30th, New York

Finkelstein & Co. (Papier Mache Figures, Metal Stands, etc), 48 Mangin, New York

Frankel Display Fixture Co., 177 Hudson, New York

Gas Fixture & Brass Co., Cleveland, O.

Great Western Fixture Works (Papier Mache Forms & Wax Figures), 211 W Schiller, Chicago, Ill.



Greenwald Display Fixture Co. (Wax Figures & Forms), 234 5th av, New York  
 Heimann Morris A. Mfg. Co., 1122 Washington av, St. Louis, Mo.  
 Hoggson S. H. & Co. (Mechanical Moving Attractions), 17 Thames, New York  
 Kehoe Display Fixture Co. (Wax Figures & Papier Mache Forms), 541 Market, San Francisco, Cal.  
 Kolar Bros. (Wood Stands, etc.), 9 Baxter, New York  
 Lyons Hugh & Co., Lansing, Mich.  
 Morewood Standard Safety Devices Co., 253 B'way, New York  
 Multiplex Display Fixture Co., 918 N 10th, St. Louis, Mo.  
**NEWMAN MFG. CO.** (Wax Figures & Forms & Mechanical Display Fixtures), 717 Sycamore, Cincinnati, O., 68 W Washington, Chicago, Ill.  
*See adv index at end of book*  
 Norwich Nickel & Brass Co. (Wax Figures, Clothing Forms, etc.), Norwich, Conn.  
 Novelty Wire Works, 840 B'way, New York  
 O. K. Display Fixture Co. (Papier Mache Figures), 37 Broome, New York  
 Onken Oscar & Co. (Wood), 4th & Park, Cincinnati, O.  
 Palmenberg's J. R. Sons, 63 W 36th, New York  
 Polay Fixture Service Co. (Window Shelves, Wood Fixtures, etc), 515 W Halstead, Chicago, Ill.  
 Royal Display Fixture Co. (Metal & Wooden), 812 B'way, New York  
 Smith Winfield H. (Mechanical Revolving), Buffalo, N. Y.  
 Standard Mfg. Co., Xenia, O.  
 Superior Brass & Fixture Co., 312 W Jackson Blvd, Chicago, Ill.  
 Turner Fixture Co. (Wood), Hannibal, Mo.  
 Weston Paper & Mfg. Co. (Also Store), Dayton, O.

### 16867—Window Frame & Sash (Metallic)

*See also Windows, Fire-Proof, Wire Glass*  
 American Sheet Metal Works ("Mudd's"), 3500 S Carrollton, New Orleans, La.  
 Art Metal Fireproof Door & Trim Co., 2724 Wentworth av, Chicago, Ill.  
 Badger E. B. & Sons Co. (Fireproof), 75 Pitts, Boston, Mass.  
 Barnes & Nuss Co., Grand Forks, N. D.  
 Basman A. M. & Co., 468 Fort W, Detroit, Mich.  
 Biegler Louis Co., 165 N Curtis, Chicago, Ill.  
 Biersach & Niedermeyer Co., 220 5th, Milwaukee, Wis.  
 Bostwick C. G., Hartford, Conn.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Burton W. J. Co. (Automatic Fireproof), Junction & Leavitt avs, Detroit, Mich.  
 Byrd John, 1427 Catharine, Phila., Pa.  
 Chicago Fire Window & Cornice Co., 1035 W Van Buren, Chicago, Ill.  
 Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.  
 Cushing Daniel & Co., Lowell, Mass.  
**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y. & 299 B'way, New York  
*See adv index at end of book*  
 Decatur Cornice & Roofing Co., New Decatur, Ala.  
 Denver Sheet Metal Works Co., Denver, Colo.  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Eagle Metal Works, 1512 Clark av, St. Louis, Mo.  
 Eclipse Fireproof Sash & Door Co., 34 Brm., Brooklyn, N. Y.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*  
 Eller Mfg. Co., Canton, O.  
 Empire Art Metal Co. Inc., College Point, L. I., N. Y.  
 Farwell Cornice Co., 3935 Southport av, Chicago, Ill.  
 Forreder Cornice Works, 269 Potrero av, San Francisco, Cal.  
 Freund Jacob Roofing Co., Mitchell av & B. & O. S. W. Ry, Cincinnati, O.  
 Grinden Art Metal Co. (Bronze, Copper or Steel), 427 Marcy av, Brooklyn, N. Y.  
 Hastings Foundry & Iron Works, Hastings, Neb.  
 Hayes Geo. Co., 71 8th av, New York  
 Herrmann & Grace Co., 671 Bergen, Brooklyn, N. Y.

Hicks S. D. & Son, 9 Bowker, Boston, Mass.  
 Howell, Field & Goddard (Metal Covered), Review av, Long Island City, N. Y.  
 Howie Roofing Co., Detroit, Mich.  
 Illinois Art Metal Co., Springfield, Ill.  
**INTERIOR METAL MFG. CO.**, Jamestown, N. Y. *See adv index at end of book*  
 International Casement Co., Jamestown, N. Y.  
 International Steel & Iron Co., Evansville, Ind.  
 Jamestown Window Screen Co., Jamestown, N. Y.  
 Kawneer Mfg. Co. ("Kawneer" & Solid Steel), Niles, Mich.  
 Kirk W. P. Co., Bridgeport, Conn.  
 Klauer Mfg. Co., Dubuque, Ia.  
 Knisely Bros., 2799 5th av, Chicago, Ill.  
 Knisely H. C. Co., 1908 S Western av, Chicago, Ill.  
 Knoburn Co., Hoboken, N. J.  
**LEE THOMAS** (Automatic Closing & Sliding Sash), 129 W 2nd, Cincinnati, O.  
 Leonard Sheet Metal Works ("Leonard" Combined Sliding & Revolving Sashes), Hoboken, N. J.  
 Louisville Cornice & Roofing Co., Louisville, Ky.  
 Lupton's David Sons Co. ("Lupton"), Allegheny av & Tulip, Phila., Pa.  
 Lyster Sheet Metal Co., 1220 Filbert, Phila., Pa.  
 McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.  
 McFarland, Meade Co., Woodland av & 46th, Phila., Pa.  
**MACHWIRTH BROS. CO.**, 201-9 Oak, Buffalo, N. Y.  
 Manhattan Iron & Steel Sales Co. ("Atlas" Lock-Bar), 122 E 132d, New York  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Mesker Geo. L. & Co. (Solid Section Steel Sash), Evansville, Ind.  
 Metallic Mfg. Co., Camden, N. J.  
 Miller J. A. & Bro., 427 N Ashland, Chicago, Ill.  
 Mosechl-Edwards Corrugating Co., Covington, Ky.  
 Mullins W. H. Co. (Fireproof), 341 Franklin, Salem, O.  
 National Metallic Sash Co., 2012 W Kinzie, Chicago, Ill.  
 National Skylight & Ventilator Co., Rochester, N. Y.  
 Newark Cornice & Skylight Works (Automatic), 9-17th av, Newark, N. J.  
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.  
 Northwestern Roofing, Cornice & Stamp- ing, Works, 1111 S 5th, Minneapolis, Minn.  
 Ohio Roofing Co., Cleveland, O.  
 Perkinson & Brown, 412 N Lincoln, Chicago, Ill.  
 Pomeroy S. H. Co., 282 E 134th, New York  
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, O.  
 Powers & Boyd Cornice & Roofing Co., 3614 Laclede, St. Louis, Mo.  
 Pruden C. D. Co. (Metal), Warner & Dock, Baltimore, Md.  
 Rasner & Dinger Co., 2d av & Ferry, Pittsburgh, Pa.  
 Ray, Daisley & Co., 61 Fulton, Brooklyn, N. Y.  
 Reflector & Hardware Specialty Mfg. Co. (Also Counter, etc), 2235 S Western, av, Chicago, Ill.  
 Reliance Fireproof Door Co., 47 Milton, Brooklyn, N. Y.  
 Richey, Browne & Donald, Flushing av, Maspeth (Borough of Queens), New York  
 Riester & Thesmacher, 1512 W 25th, Cleveland, O.  
 Rudolph & Son Co., 416 Prospect av, N W, Cleveland, O.  
 Ruth J. F., 4299 Easton, St. Louis, Mo.  
 Schoedinger F. O., 146 N 3d, Columbus, O.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, O.  
 Solar Metal Products Co., 56 W Lake, Chicago, Ill.  
 Standard Sheet Metal Mfg. Co., Washington, Pa.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Sykes Co., 930 W 19th pl, Chicago, Ill.  
 Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

**VALLEY CORNICE & SLATE CO. (LTD.)**, Saginaw, Mich.  
 Van Noorden E. & Co., 100 Magazine, Boston, Mass.  
 Voightman & Co., 445 W Erie, Chicago, Ill.  
 Wagner J. F. Sons, 1145 7th, Louisville, Ky.  
 Watson Jas. H. Co. (Hollow Metal), Bradley, Ill.  
 Weis Henry Cornice Co. (Weis Steel), Kansas City, Mo.  
 Westergren M. F. (Inc.), 213 E 144th, New York  
 Weyand Hy. Co., Waterbury, Conn.  
 Willis Mfg. Co., Galesburg, Ill.  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.  
 Zahner Metal Sash & Door Co., Canton, O.

### 16868—Window Frame & Sash (Wrought Steel)

Bayley Wm. Co. ("Bayley-Springfield"), Springfield, O.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Detroit Steel Products Co. ("Fenestra"), Detroit, Mich.  
 Empire Art Metal Co., Inc, College Point, L. I., N. Y.  
 Kawner Mfg. Co. (Fireproof), Niles, Mich.  
 Lightwell Steel Sash Co., Wilmington, Del.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Richey, Browne & Donald, Flushing av, Maspeth (Borough of Queens), New York  
 Schreiber L. & Sons Co. (Also Cast Iron), 3869 Ivanhoe, Cincinnati, O.  
 Standard-Tyler Co., 2436 W 15th, Chicago, Ill.  
 Streeter Clip & Specialty Co. ("Street-er's"), 4101 Ravenswood av, Chicago, Ill.  
 Trussed Concrete Steel Co. ("United" Kahn System), Youngstown, O.  
**TYLER W. S. CO.** ("Tyler," Steel Sash), Cleveland, O. *See adv index at end of book*  
 Van Dorn Iron Works Co., 2700 E 79th, Cleveland, O.  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

### 16869—Window Frames (Reversible)

Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.  
 Williams Pivot Sash Co., 1105 Bolivar, Cleveland, O.

### 16870—\*Window Guards

*See also Fire Fences & Gates; Grilles, Wrought Iron; Iron, Architectural & Ornamental; also Bank & Office Railings; also Bronze, Architectural, Etc.*

**BUFFALO WIRE WORKS CO.**, 453 Terrace, Buffalo, N. Y.

*See adv index at end of book*  
 Smith F. P. Wire & Iron Works ("Suran-safe" Removable "Triangular" Steel), Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

### 16871-2—\*Window Guards (Pitt-Bostwick Patents)

**PITT WM. R. COMPOSITE IRON WORKS** (Folding & Stationary), 219 W 26th, New York.  
*See adv index at end of book*

### Window Opening Devices

*See Skylight Ventilating Apparatus*

### 16873—Window Sash Holder (Automatic)

Automatic Sash Holder Mfg. Co., 50 Church, New York

### 16874—Window Sash Pivots

International Window Mfg. Co. ("George"), 2007 W Allegheny av, Phila., Pa.  
 Richards-Wilcox Mfg. Co. ("Richards"), Aurora, Ill.  
 Steiner & Voegtly Hardware Co. ("Giesey's"), 230 Diamond, Pittsburgh, Pa.



Tabor Sash Fixture Co., 63 Polk, Newark, N. J.  
 Williams Pivot Sash Co., 1105 Bolivar, Cleveland, O.  
 Yates J. W. (With Gravity Stops), 168 8th av, New York

### 16875—Window Sash (Reversible)

Badger E. B. & Sons Co. (Automatic Metallic Sash & Frame), 75 Pitts, Boston, Mass.  
 Bolles Aerial E. ("Bolles" Revolving), 52 Duane, New York  
 Deissler P. & Bro., 249 S 6th, Phila., Pa.  
 Hipolito Screen & Sash Co., Los Angeles, Cal.  
 International Window Mfg. Co. ("George" Pivot Window), 2007 W Allegheny av, Phila., Pa.  
 Leonard Sheet Metal Works ("Ideal" Ventilating), Hoboken, N. J.  
 Metal Reversible Window Device Co., Fremont, O.  
 Pruden C. D. Co. (Metal), Warner & Dock, Baltimore, Md.  
 Tabor Sash Fixture Co., Main Office & Factory, 69 Polk, Newark, N. J.

### Window Screen Cloth

See Wire Cloth, Window Screen

### 16876—Window Screen & Awning (Combined)

Phenix Mfg. Co. ("Phenix"), Milwaukee, Wis.

### 16877—Window Shade Fixtures

Stover Mfg. Co., Freeport, Ill.

### 16878—Window Shade Mfrs.

Bailey & Weston, 81 Washington, Boston, Mass.  
 Bosch Henry Co., 525 S Wabash av, Chicago, Ill.  
 Breneman Chas. W. & Co., 2045 Reading rd., Cincinnati, O.  
 Fuson Adjustable Shade Co. (Cotton Duck), Logansport, Ind.  
 Hees-MacFarlane Co., 957 Hubbard, Detroit, Mich.  
 Pinney, Casse & Lackey Co., Fairmount, Jersey City, N. J.  
 Talbert-Whitmore Co. ("Damask"), Los Angeles, Cal.  
 Volker Wm. & Co., N W cor 3d & Main, Kansas City, Mo.  
 Weiss & Klau Co., 462 B'way, New York  
 Wemple Jay C. Co., 35 E 20th, New York

### 16879—Window Springs (Burglar Alarm)

Manhattan Electrical Supply Co. ("Ezy-test"), 17 Park pl, New York

### 16880—Window Stop Screws & Washers

Read A. P. Co. ("Read's" Flush Face & Oval Heads), 563 W Washington, Chicago, Ill.

### 16880a—\*Window & Store Front Construction (Fullerton System)

**GORHAM COMPANY, ARCHITECTURAL BRONZE**, 5th av & 36th, New York  
*See adv index at end of book*

### 16880b—Windows (Basement, All Metal)

Majestic Co., Huntington, Ind.

### 16881—Windows (Casement, Wrought Steel)

Detroit Steel Products Co., Detroit, Mich.

### 16882—Windows (Cellar)

Detroit Steel Products Co. (Wrought Steel), Detroit, Mich.  
 Majestic Co. (Cast Iron Frame), Huntington, Ind.  
 Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.  
 Wheeling Metal & Mfg. Co. (Steel), Wheeling, W. Va.

### 16883—\*Windows (Copper & Bronze Covered)

**GORHAM COMPANY, ARCHITECTURAL BRONZE** (Bronze), 5th av & 36th, New York  
*See adv index at end of book*

### 16884—Windows (Fire-Proof, Wire Glass)

See also Window Frame & Sash, Metallic  
 Badger E. B. & Sons Co. (Automatic), 75 Pitts, Boston, Mass.  
 Braun J. G., 609 S Paulina, Chicago, Ill.  
 Byrd John, 1427 Catherine, Phila., Pa.  
 Clason Architectural Metal Works, 428 Kinsley av, Providence, R. I.  
 Consolidated Sheet Metal Works, 661 Hubbard, Milwaukee, Wis.  
**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*  
 Dowman-Dozier Mfg. Co., Atlanta, Ga.  
**EDWARDS MFG. CO.**, 545-565 Eggleston av, Cincinnati, O.  
*See adv index at end of book*

International Steel & Iron Co., Evansville, Ind.

Knisley Bros., 2799 S 5th av, Chicago, Ill.  
 Knisley H. C. Co. (Revolving), 1908 S Western av, Chicago, Ill.

McFarland-Hyde Co., 2701 S 5th av, Chicago, Ill.

Machwirth Bros. Co., 201-9 Oak, Buffalo, N. Y.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Miller J. A. & Bro. 427 N. Ashland, Chicago, Ill.

Mullins W. H. Co., 341 Franklin, Salem, O.  
 Pomeroy S. H. Co. ("Voigtmann's" Automatic Closing Patent), 282 E 134th, New York

Pruden C. D. Co., Warner & Dock, Baltimore, Md.

Richey, Browne & Donald, Flushing av, Maspeth (Borough of Queens), New York

St. Paul Roofing, Cornice & Ornament Co., Wabasha & Water, St. Paul, Minn.

Scholes Bros., 1241 Rosedale, Pittsburgh, Pa.

Sykes Steel Roofing Co., 930 W 19th pl, Chicago, Ill.

Thorn J. S. Co., 20th & Allegheny av, Phila., Pa.

Voigtmann & Co., 445 W Erie, Chicago, Ill.

Weis Henry Cornice Co., Kansas City, Mo.

Weyand Henry Co., Waterbury, Conn.

Witt & Brown, 215 W 3rd, Cincinnati, O.

### 16885—\*Windows (Hollow Steel)

**DAHLSTROM METALLIC DOOR CO.**, 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book*

### Windows (Kalameined)

See Doors & Windows, Kalameined

### 16886—Windows (Puttyless)

Racine Puttyless Window Co. ("Racine"), Racine, Wis.

### Windows (Reversible)

See Window Sash, Reversible

### 16887—Windows (Rolled Steel)

American Steel Window Co., 334 S Michigan av, Chicago, Ill.

Bayley Wm. Co. (Rolled Steel), Springfield, Ohio

Braun J. G. (Rolled Steel), 609 S Paulina, Chicago, Ill.

Detroit Steel Products Co. ("Detroit Fenestra"), Detroit, Mich.

International Casement Co. (& Drawn, Bronze), Jamestown, N. Y.

Kawneer Mfg. Co. ("Kawneer" Solid Steel), Niles, Mich.

Lightwell Steel Sash Co., Wilmington, Del.

Lupton's, David Sons Co., Allegheny av & Tulip, Phila., Pa.

Mesker Bros. Iron Co., 421 S 6th, St. Louis, Mo.

Richey, Browne & Donald ("Browne"), Flushing av, Maspeth (Borough of Queens), New York

Trussed Concrete Steel Co. ("United"), Detroit, Mich.

Voigtmann & Co., 445 W Erie, Chicago, Ill.  
 Winslow Bros. Co., 4600 Harrison, Chicago, Ill.

### Windows (Storm)

See Storm Doors & Windows

### 16888—\*Windows & Sash (Air-Tight Bronze)

**GORHAM CO ARCH'L BRONZE**, 5th av & 36th, New York. Works: Providence, R. I. *See adv index at end of book*

### 16889—Windrowers (Hay)

Blocki F. Co., Sheboygan, Wis.  
 Gaterman Mfg. Co., Manitowoc, Wis.  
 Thornburgh Mfg. Co. (Side Delivery), Bowling Green, O.  
 Walker Mfg. Co. ("Western"), Council Bluffs, Iowa

### 16889a—Wiper Towels

**STRONG MACHINERY & SUPPLY CO.**, 21 Walker, New York  
*See adv index at end of book*

## STRONG'S TISAFINE WIPER TOWELS

are made but for one purpose—to give engineers the one best wiper towel that can be made for the general use around engine rooms.



Strong's Tisafine Wiper Towels will Clean—Will Polish Quick—when you clean and polish quick—you save "elbow grease" and "time"—that saves you money.

**Spongy**—with great absorbent quality.

**Soft**—but extremely tough, owing to our using only the best quality of soft twilled yarn.

Strong's Tisafine Wiper Towels cost much less than the ordinary towels—and, as for quality, there is absolutely no comparison. Size—12 in. x 18 in.—just right for a good handful and as big as you want for general use.

**Strong—Serviceable—Durable—Economical.**

No. 207. Price 12 in. x 18 in., 4c each.

Put up in bale lots of 1,000 Wipers.

**THE STRONG MACHINERY & SUPPLY CO.**  
 21 Walker St., New York City



**16890—Wipers (Machine)**

See also Waste, Cotton &amp; Wool

America Silk Mfg. Co. (Raw Silk), 4341 Orchard, Phila., Pa.  
 Bishop Robt. Mfg. Co. (Railroad & Machinery Wipers), 157 W 6th, South Boston, Mass.  
 Crowther Harry (Silk), Rorer & Ontario, Philadelphia, Pa.  
 Detroit Sanitary Bag Co., Detroit, Mich.  
 Elkhart Junk Co., Elkhart, Ind.  
**FRASSE PETER A. & CO. (Inc.)**, (Cotton & Flannel), 417 Canal, New York  
*See adv index at end of book*  
 Fulton Bag & Cotton Mills, Atlanta, Ga.  
 General Supply Co., Worcester, Mass.  
 Hagy Clayton L. & Son (Inc.), 16th & Carpenter, Phila., Pa.  
 Hagy J. Milton Waste Works, 836 Swan-son, Phila., Pa.  
 Hall W. & Co., Lansdowne, Pa.  
 Houghton E. F. & Co. ("Houghton's U. S."), 240 W Somerset, Phila., Pa.  
 Hubley Gordon A., Worcester, Mass.  
**OIL & WASTE SAVING MACHINE CO.**, Real Estate Trust bldg, Phila., Pa.  
 O'Neill Bros., Oxford & Harvard, Phila., Pa.  
 Scheinman I. L. & Co. ("I. L. S. & C."), Grand blvd & Hastings, Detroit, Mich.  
**STRONG MACHINERY & SUPPLY CO.** ("Strong's Tisafine"), 21 Walker, New York *See adv index at end of book*  
 Wilkinson Seth (Silk), Central Falls, R. I.  
 Wolf W. & Sons (Silk), 549 Atlantic av, Boston, Mass.

**Wiping Cloths**

See Cloths, Wiping, Plumbers'; also Wipers, Machinery

**16891—Wire (Aerial & Cable)**

Atlantic Insulated Wire & Cable Co., Stamford, Conn.  
 Bay State Insulated Wire & Cable Co., Hyde Park, Mass.  
 Collyer Insulated Wire Co., Pawtucket, R. I.  
 Detroit Insulated Wire Co., Detroit, Mich.  
 Gulf States Steel Co. (Cable only), Birmingham, Ala.  
 Habirshaw Elec. Cable Co., 10 E. 43d, New York  
 Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York  
**OKONITE CO.** ("Candee"), 501 Fifth av, New York *See adv index at end of book*  
 Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebbling, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.  
 Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 Upson-Walton Co., 1294 W. 11th, Cleveland, O.

**16892—Wire (Aeroplane)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

**16893—Wire (Aluminum)**

Aluminum Co. of America (Bare & Insulated Wire & Cables), Oliver bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Bradford Co. (Imp.), 200 5th av, New York  
 Electrical Alloy Co., Morristown, N. J.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Seligman Arthur (Imp.), 165 B'way, New York  
 Standard Underground Cable Co., Pittsburgh, Pa.

**16894—Wire (Aluminum Bronze)**

Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.

**16895—Wire (Aluminum Coated)**

Wildner Metal Coating & Mfg. Co., Con-nellsville, Pa.

**Wire (Annealed)**

See Wire, Market

**16896—Wire (Annunciator or Office)**

**AMERICAN BRASS CO.**, Waterbury, Conn.

*For branch offices see adv index at end of book*  
 American Electrical Works, Phillipsdale, R. I.

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

Bishop Gutta-Percha Co., 420 E 25th, New York

Boston Insulated Wire & Cable Co., Boston, Mass.

Bridgeport Brass Co., Bridgeport, Conn.  
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.

Collyer Insulated Wire Co., Pawtucket, R. I.

Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.

Monarch Electric & Wire Co., 622 W Adams, Chicago, Ill.

Moore Alfred F., 200 N 3d, Phila., Pa.

National Conduit & Cable Co., 41 Park Row, New York

New England Electrical Works, Lisbon, N. H.

Phillips Wire Co., Pawtucket, R. I.

**ROEBLING JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebbling, N. J.

*See adv index at end of book*

Rome Wire Co. ("Romeoid"), Rome, N. Y.

Runzel-Lenz Electric Mfg. Co., 1751 N Western av, Chicago, Ill.

Seneca Wire & Mfg. Co., Fostoria, O.

*See adv index at end of book*

Standard Underground Cable Co., Pittsburgh, Pa.

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.

Western Electric Co., 463 West, New York

**16897—Wire (Antenna — Aerial & Antenna Cord)**

Driver-Harris Co., Harrison, N. J.  
 Riverside Metal Co., Riverside, N. J.  
 Standard Underground Cable Co., Pittsburgh, Pa.

**16898—Wire (Armature Banding)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Belden Mfg. Co., 2316 S Western av, Chicago, Ill.

Electrical Alloy Co. (Tinned Steel, Phosphor Bronze), Morristown, N. J.

Prentiss G. W. & Co., Holyoke, Mass.

Riverside Metal Co., Riverside, N. J.

**ROEBLING'S JOHN A. SONS CO.**, Trenton, N. J. *See adv index at end of book*

Seneca Wire & Mfg. Co., Fostoria, O.

*See adv index at end of book*

Washburn Wire Co., Phillipsdale, R. I.

**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

**16899—Wire (Asbestos Covered)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Boston Insulated Wire & Cable Co., Boston, Mass.

D. & W. Fuse Co. ("Deltabeston"), Hathaway, Providence, R. I.

**GENERAL ELECTRIC CO.**, Schenectady, N. Y. *See adv index at end of book*

Independent Lamp & Wire Co., 1733 B'way, New York

Johns H. W.-Manville Co., Madison av & 41st, New York

Standard Underground Cable Co., Pittsburgh, Pa.

**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

**16900—\*Wire (Automobile & Motor Boat)**

**OKONITE CO.**, 501 Fifth av, New York  
*See adv index at end of book*

**16901—Wire (Barbed)**

**AMERICAN STEEL & WIRE CO.** (Two & Four Point; "Glidden," "Baker Perfect," "Ellwood," "Waukegan," "Lyman," & "Iowa" Brands), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Atlantic Steel Co. (Steel), Atlanta, Ga.

Belfont Iron Works Co., Ironton, O.

Cambria Steel Co., Widener bldg, Phila., Pa.

Colorado Fuel & Iron Co. (Plain & Galvanized), Denver, Colo.

Crawfordsville Wire & Nail Co., Crawfordsville, Ind.

Grand Crossing Tack Co., S. Chicago av and E 79th, Chicago, Ill.

Gulf States Steel Co., Birmingham, Ala.

Haish Jacob Co., DeKalb, Ill.

Indiana Steel & Wire Co., Muncie, Ind.

Interstate Iron & Steel Co., Grand Crossing, Chicago, Ill.

*See adv index at end of book*

Janesville Barb Wire Co., Janesville, Wis.

Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.

Kelly Neil & Iron Co., Ironton, O.

Keystone Steel & Wire Co., Peoria, Ill.

Kokomo Steel & Wire Co., Kokomo, Ind.

Northwestern Barb Wire Co., Sterling, Ill.

Norton Iron Works, Ashland, Ky.

Page Woven Wire Fence Co., Adrian, Mich.

Pittsburgh Steel Co. (Steel Galvanized & Painted), 5th av & Grant, Pittsburgh, Pa.

Youngstown Sheet & Tube Co., Youngstown, O.

**16901a—\*Wire (Bond, Copper Clad Steel)**

**PAGE WOVEN WIRE FENCE CO.** ("Copperweld"), Monessen, Pa.

*See adv index at end of book*

**16901b—Wire (Bonnet)**

**ROEBLING'S JOHN A. SONS CO.** Main Office: Trenton, N. J. Works: Trenton & Roebbling, N. J.

*See adv index at end of book*

**16902—Wire (Bookbinders')**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.

*See adv index at end of book*

Morgan Spring Co., Worcester, Mass.

Morrison J. L. Co., Niagara Falls, N. Y.

Prentiss G. W. & Co., Holyoke, Mass.

**ROEBLING'S JOHN A. SONS CO.**, Main Office: Trenton, N. J. Works: Trenton & Roebbling, N. J.

*See adv index at end of book*

Seneca Wire & Mfg. Co., Fostoria, O.

*See adv index at end of book*

Spencer Wire Co., Worcester, Mass.

**16903—Wire (Braided)**

Kokomo Steel & Wire Co. (Made From Four Wires Braided), Kokomo, Ind.

**16904—Wire (Brass & Bronze Screw)**

**AMERICAN BRASS CO.**, Waterbury, Conn.

*For branch offices see adv index at end of book*

American Electrical Works (Copper Wire & Cables for Electrical Use), Phillipsdale, R. I.

Babbitt L. L. (Fire Wires), Clayville, N. Y.

Besly Chas. H. Co. ("Helmet"), 120-H N Clinton, Chicago, Ill.

Bridgeport Brass Co., Bridgeport, Conn.

Bristol Brass Co. (Brass Only), Bristol, Conn.

Cary Spring Works (Brass for Springs), 240 W 29th, New York



**CHASE METAL WORKS**, Waterbury, Conn.  
**CHASE ROLLING MILL CO.**, Waterbury, Conn.  
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.  
 Dallas A. C. & Son, 225 N Jefferson, Chicago, Ill.  
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
 Driver-Harris Co., Harrison, N. J.  
 Eastwood Wire Mfg. Co., Belleville, N. J.  
 Foley F. W. (Copper), Dollar Bay, Mich.  
 Hartley Geo. (Fine Brass), Waterbury, Conn.  
 Hazard Mfg. Co. (Copper Only), Wilkes-Barre, Pa.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Keystone Ornamental Iron & Bronze Wks., (Brass), 830 Howard, San Francisco, Cal.  
 Manhattan Brass Co., 333 E 26th, New York  
**MERCHANT & EVANS CO.**, 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
 Michigan Copper & Brass Co., Detroit, Mich.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Murray Wire Co. (Fine Wire), Verona av, Newark, N. J.  
 National Conduit & Cable Co. (Copper Wire & Cable), 41 Park Row, New York  
 Phillips Wire Co., (Copper), Pawtucket, R. I.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Randolph-Clowes Co. (High & Low Brass, etc), Waterbury, Conn.  
 Riverside Metal Co. (Brass), Riverside, N. J.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Rome Brass & Copper Co., Rome, N. Y.  
 Rome Wire Co. (Copper), Rome, N. Y.  
**SCOVILL MFG. CO.** (Brass), Waterbury, Conn. *See adv index at end of book*  
 Seymour Mfg. Co. (Brass), Seymour, Conn.  
 Spargo Wire Co. (Copper Only), Fine Sizes a Specialty, Rome, N. Y.  
 Standard Underground Cable Co. (Copper for Electrical Use), Pittsburgh, Pa.  
 Wacilark Wire Co. (Copper Only), 20 Exchange pl, New York  
 Washburn Wire Co. (Electric Copper), Phillipsdale, R. I., & 118th & Harlem River, New York  
 Waterbury Rolling Mills, Waterbury, Conn.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

### Wire (Bright Market)

*See Wire, Market*

### 16906—Wire (Bronze)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Cary Spring Works (For Springs), 240 W 29th, New York  
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
 Driver-Harris Co. (Common, Golden & Antique), Harrison, N. J.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 Michigan Copper & Brass Co., Detroit, Mich.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Murray Wire Co. (Fine Wire), Verona av, Newark, N. J.  
 Riverside Metal Co., Riverside, N. J.  
 Rome Brass & Copper Co., Rome, N. Y.  
 Scovill Mfg. Co., Waterbury, Conn.  
*See adv index at end of book*  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Vanadium Metals Co., Vanadium bldg, Pittsburgh, Pa.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

### 16907—Wire (Broom & Brush)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Babbitt L. L. (Brush Makers' Drawing Wire, Brass, Copper, German Silver, Steel, Scratch Brush Wire, etc), Clayville, N. Y.  
 Hartley Geo. (Brass & Steel Scratch), Waterbury, Conn.  
 Morgan Spring Co., Worcester, Mass.  
 Paxson J. W. Co., 1021 N Delaware av, Phila., Pa.  
 Prentiss G. W. & Co., Holyoke, Mass.  
 Seneca Wire & Mfg. Co. (Tinned), Fostoria, O. *See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Washburn Wire Co., Phillipsdale, R. I. & 118th & East River, New York  
 Wilson Steel Products Co. (Broom), 49th & S Western, Chicago, Ill.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

### 16908—Wire (Brush Drawing)

Electrical Alloy Co. (Fine), Morristown, N. J.  
 Murray Wire Co., Verona av, Newark, N. J.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

### 16909—Wire (Cable)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Indiana Rubber & Insulated Wire Co. (Insulated), P. O. Box 192, Jonesboro, Ind.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*



**SENeca WIRE & MFG. CO.**, Fostoria, Ohio

**WIRE for Mat-**  
 tresses, Brooms,  
 Ropes, Cables,  
 Clips, Staples  
 and Cloth.—  
 Special Quality  
 for Special Pur-  
 poses—Fine  
 Sizes—Send In-  
 quiries.

### 16910—Wire Cables (Copper)

American Electrical Works, Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Broderick & Bascom Rope Co. (Also Steel & Iron), Main & Douglas, St. Louis, Mo.  
 Collyer Insulated Wire Co., Pawtucket, R. I.  
 Hazard Mfg. Co., Wilkes-Barre, Pa.  
 Phillips Wire Co., Pawtucket, R. I.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Safety Insulated Wire & Cable Co., 114 Liberty, New York  
 Simplex Wire & Cable Co. ("Sincore"), 201 Devonshire, Boston, Mass.  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Upson-Walton Co., 1294 W 11th, Cleveland, O.  
 Wacilark Wire Co., 20 Exchange pl, New York

### 16911—Wire (Canvasite)

Standard Underground Cable Co., Pittsburgh, Pa.

### 16912—Wire (Car Seal)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

**ROEBLING'S JOHN A. SONS CO.**, Trenton, N. J. *See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Upson-Walton Co., 1294 W 11th, Cleveland, O.

### 16913—Wire (Card)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Prentiss Geo. W. & Co., Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.

### 16914—Wire (Chain)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.

### 16915—Wire (Check Rower)

Chambers, Bering Quinlan Co., Decatur, Ill.  
 Faries Mfg. Co., Decatur, Ill.  
 Youngtown Sheet & Tube Co., Youngstown, O.

### 16916—Wire Cloth

Allen L. H., Amherst, Mass.  
 Alloy Steel Forging Co., Carnegie, Pa.  
 American Wire Fabrics Co. (Screen Cloth, etc), 208 S La Salle, Chicago, Ill.  
 Audubon Wire Cloth Co., Audubon, N. J.  
 Barbee Wire & Iron Works, 170 N Dearborn, Chicago, Ill.  
 Belmer H. Co., 628 W 3d, Cincinnati, O.  
 Bennett Wire Co., Inc., 15 Park Row, New York  
 Bigelow-Cheney Wire Works, Springfield, Mass.

## Hendricks' Commercial Register

is not a Catalog of Advertisers alone, but a Complete Register of the manufacturers and jobbers in every line of trade that comes within the scope of the work.

*When writing to firms whose names appear in this book please mention*

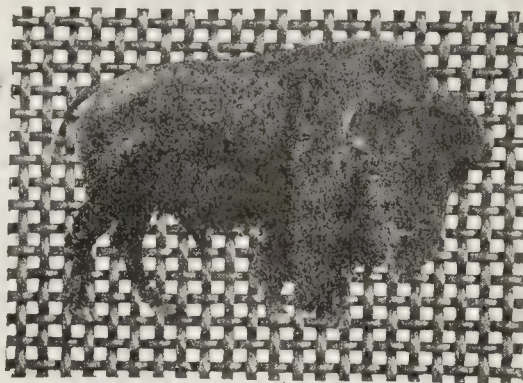
## Hendricks' Commercial Register



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"BUFFALO" WIRE CLOTH is manufactured in all grades and metals such as steel, galvanized, brass, copper, bronze, and to suit all requirements. The use of "BUFFALO" WIRE CLOTH insures QUALITY, SERVICE and SATISFACTION.



TRADE-MARK REG. U. S. PAT. OFF.

Our complete No. 8-X catalog, which fully illustrates and describes our entire line of WIRE CLOTH, WIRE WORK and ARTISTIC METAL WORK, will be mailed gratis upon request.



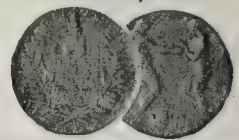
Always look for a yellow tag like this  on every roll or piece of genuine "BUFFALO" WIRE CLOTH. It is our guarantee and your protection.

## BUFFALO WIRE WORKS COMPANY (Formerly Scheeler's Sons)

453 Terrace, BUFFALO, N. Y.

Branch Office and Warehouse, Nos. 9-11 South Seventh Street, Philadelphia, Pa.

Bronze Medal Panama Pacific International Exposition 1915



### BUFFALO WIRE WORKS CO., 453 Terrace, Buffalo, N. Y.

See adv index at end of book

Cable Wm. Excelsior Wire Mfg Co., (Brass), 88 Ainslie, Brooklyn, N. Y.

California Wire Cloth Co., 587 Mission, San Francisco, Cal.

Cincinnati Mfg. Co., Cincinnati, O.

See adv index at end of book

Cleveland Wire Cloth & Mfg. Co., 3576 E. 78th, Cleveland, O.

Clinton Wire Cloth Co. (Brass, Bronze & Copper), Clinton, Mass.

Columbus Wire & Iron Works Co., Columbus, O.

Darby Edw. & Sons Co., 239 Arch, Phila., Pa.

Driver-Harris Wire Co. ("Nickrome"), Harrison, N. J.

Dufur & Co., 311 N Howard, Baltimore, Md.

Eastwood Wire Mfg. Co. (Brass & Copper), Belleville, N. J.

Estey Bros. Co., 34 Cliff, Brooklyn, N. Y.

Estey Wire Works Co., 59 Fulton, New York

Gilbert & Bennett Mfg. Co. ("Pearl"), Georgetown, Conn.

Hanover Wire Cloth Co., Hanover, Pa.

Howard & Morse, 46 Fulton, New York

Jelliff C. O. Mfg. Corp., Southport, Conn.

Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.

Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, O.

Ludlow-Saylor Wire Co., Newstead av, c Wabash av, St. Louis, Mo.

Meyers Fred. J. Mfg. Co., Hamilton, O.

See adv index at end of book

MICHIGAN WIRE CLOTH CO. (All Kinds), 500 Howard, Detroit, Mich.

See adv index at end of book

Miller Wire Cloth Co. (Sieve & Strainer), 70 Commercial, Worcester, Mass.

Morss & Whyte Co., 33 Pearl, Boston, Mass.

Multi-Metal Separating Screen Co. (Of Precision, Up to 350 Meshes per inch), 68 E 131st, New York

Newark Wire Cloth Co. (Fine Mesh, up to No. 350), 222-230 Verona av, Newark, N. Y. See adv index at end of book

New Jersey Wire Cloth Co. (Steel Iron, Galvanized, etc), Trenton, N. J.

New York Wire Cloth Co., Woolworth bldg, New York. Factory: York, Pa.

Palmer I. E. Co. (Window Screen), Middletown, Conn.

Phoenix Wire Works, Detroit, Mich.

Plocher, Andrew Sons Co., Dayton, O.

Reynolds Wire Co., Dixon, Ill.

Rhode Island Wire Works, 45 Willard av, Providence, R. I.

ROGERS WIRE WORKS (INC.), Belleville, N. J.

SMITH F. P. WIRE & IRON WORKS, Lake & Dearborn, Chicago, Ill.

See adv index at end of book

Smith John P. & Co. (Brass, Bronze & Steel), New Haven, Conn.

## NEWARK WIRE CLOTH CO.

MANUFACTURERS

WIRE CLOTH—FILTER CLOTH

CHEMISTS SIEVES

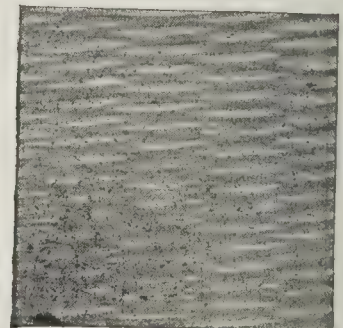
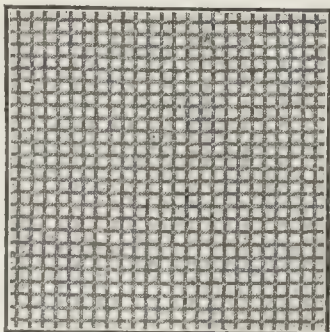
WIRE BOLTING CLOTH

BRASS STRAINER CLOTH

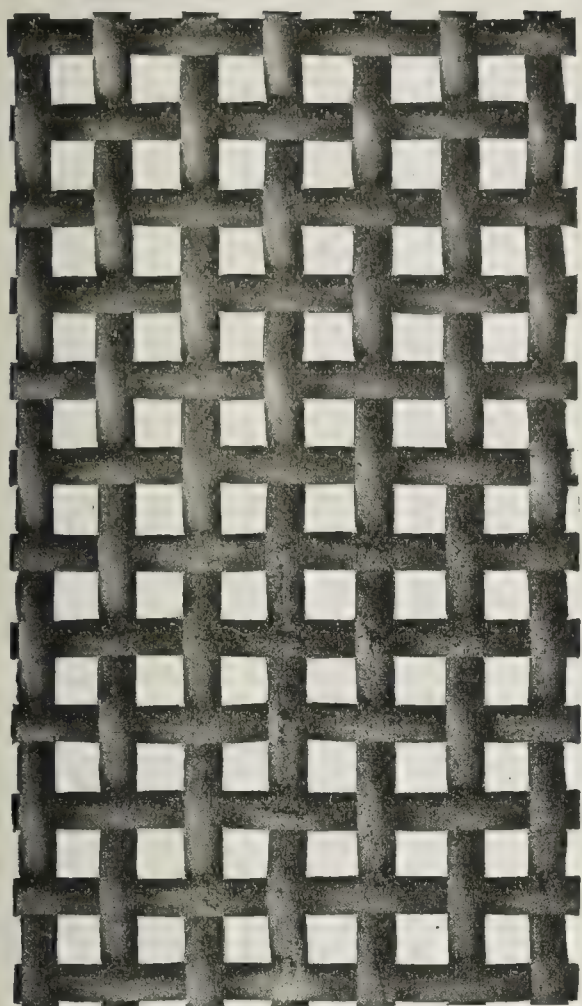
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EXTRA FINE MESHES—SPECIAL WEAVES

MADE IN NEWARK, NEW JERSEY, U. S. A.







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### Double Crimped Wire Cloth and Screen

IN ALL MESHES—ALL METALS—FOR ALL USES

MINING SCREENS, ROLLED WIRE CLOTH, TON-CAP SCREEN, GALVANIZED WIRE CLOTH, TINNED WIRE CLOTH, PLATED MILL SCREEN CLOTH, DRAFTAC SPARK ARRESTER, LOCOMOTIVE STACK NETTING, FOURDRINIER WIRES, VENTILATOR WIRE CLOTH, SUGAR CLOTH, FILTER CLOTH, TWILLED WIRE CLOTH, COAL SCREEN CLOTH, "TYLER STANDARD" TESTING SIEVES, Etc.

DOUBLE CRIMPED WIRE CLOTH made in all meshes from 4 inch space to 300 mesh, in Iron, Steel, Brass, Bronze, Phosphor Bronze or Copper, using a quality of Wire to suit the requirement.

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Success Mfg. Co. ("Perfection," "Triumph"), Gloucester, Mass.

Syracuse Wire Works, Syracuse N. Y.

Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.

Trumpbour-Whitehead Brass & Copper Co. (Brass, Bronze & Copper), 309-311 Canal, New York & 43 N 7th, Phila., Pa. *See adv index at end of book*

**TYLER W. S. CO.,** Cleveland, O.

*See adv index at end of book*

Upson-Walton Co. of N. Y. The, 291 B'way, New York

*See adv index at end of book*

Voss Frederick, 1852 Austin av, Chicago, Ill.

West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.

What Cheer Wire Works, 157 Dorrance, Providence, R. I.

White Wire Works Co., Rochester, N. Y.  
Whitehead Metal Products Co. (Brass, Bronze & Copper), 67-73 Washington N Boston, Mass.

*See adv index at end of book*

Whyte Oliver & Co., 21 Cornhill, Boston, Mass.

Wickwire Bros. ("Cortland" Window Screen), Cortland, N. Y.

Williams Geo. A. & Son, 85 Fulton, New York

Wisconsin Wire Works (Brass & Bronze), Appleton, Wis.

**WRIGHT WIRE CO.** ("Royal Worcester" & "Excelsior" Brands), Worcester, Mass. *See adv index at end of book*

**16917—Wire Cloth (Brass, Bronze & Copper)**

American Wire Fabrics Co. (Screen), 208 S La Salle, Chicago, Ill.

Appleton Wire Works, Appleton, Wis.  
Bennett Wire Co., 15 Park Row, New York

Bigelow, Cheney Wire Works, Springfield, Mass.

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

Clinton Wire Cloth Co., Clinton, Mass.

Darby Edw. & Sons Co., 239 Arch, Phila., Pa.

Eastwood Wire Mfg. Co. ("Perfection"), Belleville, N. J.

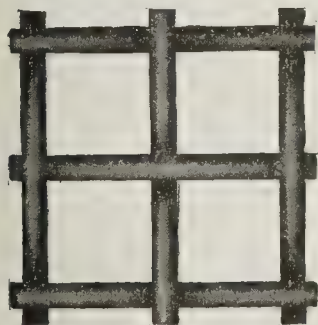
Gilbert & Bennett Mfg. Co., Georgetown, Conn.

Howard & Morse, 46 Fulton, New York

Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York

Jelliff C. O. Mfg. Corp., Southport, Conn.

McCluskey H. & T. & Sons (Fine), New Haven, Conn.

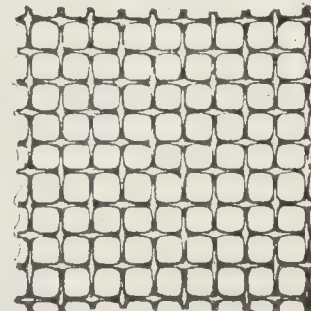


## WIRE CLOTH

OF ALL KINDS FOR ALL PURPOSES

Plain Galvanized Brass Bronze Copper

Wire Lathing—plain, painted, or galvanized;  
stiffened or unstiffened



Branch Offices and Warehouses at  
Boston, New York, Philadelphia,  
Chicago, San Francisco

## Wright Wire Company, Worcester, Mass.



Merchant & Evans Co., 2035 Washington av., Phila., Pa.  
*See adv index at end of book*

Meyers Fred. J. Mfg. Co., Hamilton, O.  
*See adv index at end of book*

**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*

Miller Wire Cloth Co., 70 Commercial, Worcester, Mass.

Multi-Metal Separating Screen Co. (Of Precision, Up to 350 Meshes per inch), 68 E 131st, New York

Newark Wire Cloth Co., 222-230 Verona av., Newark, N. J.  
*See adv index at end of book*

New Jersey Wire Cloth Co., Trenton, N. J.  
**ROGERS WIRE WORKS (INC.)**, Belleville, N. J.

**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*

Spargo Wire Co., Rome, N. Y.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*

Upson-Walton Co. of N. Y. The, 291 B'way, New York, *See adv index at end of book*

Wickwire Bros., Cortland, N. Y.

Wisconsin Wire Works, Appleton, Wis.

**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

**16918—\*Wire Cloth (Centrifical & Filter Cloth)**

**SUPPLEE-BIDDLE HARDWARE CO.**, 5th & Commerce, Phila., Pa.  
*See adv index at end of book*

**16919—Wire Cloth (German Silver)**

Multi-Metal Separating Screen Co. (Up to 350 Mesh per inch), 68 E 131st, New York

Newark Wire Cloth Co., 222-230 Verona av., Newark, N. J.  
*See adv index at end of book*

*See adv index at end of book*

**16920—\*Wire Cloth (Monel Metal)**

**BENNETT WIRE CO.**, 15 Park Row, New York, *See adv index at end of book*

**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*

**SUPPLEE-BIDDLE HARDWARE CO.**, 5th & Commerce, Phila., Pa.  
*See adv index at end of book*

**16920a—\*Wire Cloth (Platinum)**

Newark Wire Cloth Co., 222-230 Verona av., Newark, N. J.  
*See adv index at end of book*

**Wire Cloth (Steel & Iron)**

*See Wire Cloth*

**16920b—\*Wire Cloth (Twilled)**

Newark Wire Cloth Co., 222-230 Verona av., Newark, N. J.  
*See adv index at end of book*

**16921—Wire Cloth (Window Screen)**

American Wire Fabrics Co. (Painted, Galvanized, Black Enamel & Bright & Antique Bronze), 208 S La Salle, Chicago, Ill.

Bennett Wire Co., 15 Park Row, New York

Clinton Wire Cloth Co. ("Silver Finish" & "Puritan" Galvanized Wire, "Pompeian" & "Golden" Bronzed), Clinton, Mass.

Darby Edw. & Sons Co., 239 Arch, Phila., Pa.

Hanover Wire Cloth Co., Hanover, Pa.

Howard & Morse, 46 Fulton, New York

Hungerford U. T. Brass & Copper Co. (Bronze), 80 Lafayette, New York

Ludlow-Saylor Wire Co. ("Perfect" Bronze), Newstead av cor Wabash R. R., St. Louis, Mo.

**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*

New Jersey Wire Cloth Co., Trenton, N. J.

New York Wire Cloth Co., Woolworth bldg, New York, Factory: York, Pa.

Reynolds Wire Co., Dixon, Ill.

**ROGERS WIRE WORKS (INC.)**, Belleville, N. J.

Spargo Wire Co., Rome, N. Y.

Upson-Walton Co. of N. Y. The, 291 B'way, New York  
*See adv index at end of book*

Wickwire Bros. (Painted, Bronze, Galvanized, Galvo Black), Cortland, N. Y.

**WRIGHT WIRE CO.** ("Worcester Brand"), Worcester, Mass.  
*See adv index at end of book*

**16922—Wire (Coiled Spring)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Cambria Steel Co. (Galvanized, for Fences, etc), Widener bldg, Phila., Pa.

Carpenter Steel Co., Reading, Pa.

Cary Spring Works, 240 W 29th, New York

Frost Superior Fence Co., Cleveland, O.

Indiana Steel & Wire Co. (Galvanized), Muncie, Ind.

Kokomo Steel & Wire Co., Kokomo, Ind.

Morgan Spring Co., Worcester, Mass.

Newman C. Wire Co., 25 Church, New York

Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.

Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.

Spencer Wire Co., Worcester, Mass.

Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, New York

Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

Youngstown Sheet & Tube Co., Youngstown, O.

**16923—Wire (Cold Drawn Steel)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

Cary Spring Works, 240 W 29th, New York

Gulf States Steel Co., Birmingham, Ala.

Igoe Bros., Poinier, Newark, N. J.

Kidd Drawn Steel Co., Allquippa, Pa.

Kokomo Steel & Wire Co., Kokomo, Ind.

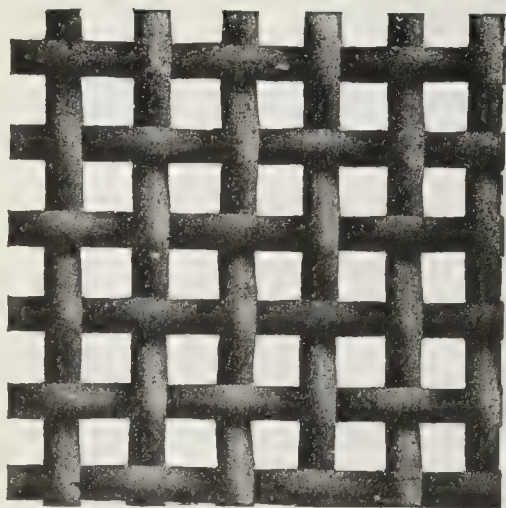
Ludlum Steel Co. (Cold Drawn Chrome Wire), Watervliet, N. Y.

Page Woven Wire Fence Co., Adrian, Mich.

Peerless Drawn Steel Co. (High Carbon & Alloy Steels), Massillon, O.

Prentiss G. W. & Co., Holyoke, Mass.

Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*



# EVERYTHING IN WIRE CLOTH

THE "MICHIGAN" DOUBLE  
CRIMP-LOCKED MESH GRADES

## FOR EVERY PURPOSE

In any Mesh and Gauge of Wire in Steel, Iron, Tinned, Galvanized, Bronze, Copper, Brass, German Silver, Nickel, Aluminum and Monel Metal

DRAWERS OF BRASS, COPPER, BRONZE, GERMAN SILVER, NICKEL, ALUMINUM and MONEL METAL WIRE

WRITE FOR CATALOGUE AND PRICES

**MICHIGAN WIRE CLOTH CO.**  
500 HOWARD ST. DETROIT, MICH., U. S. A.



**Washburn Wire Co.**, Phillipsdale, R. I. & 118th & E. R., New York  
**Wilson Steel Products Co.**, 49th & S Western av, Chicago, Ill.  
**Youngstown Sheet & Tube Co.**, Youngstown, O.

### 16924—Wire (Cold Rolled)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

### 16925—Wire (Connecting & Leading)

*See also Blasting Supplies*  
**du PONT E. I. de NEMOURS & Co.** ("Du Pont"), Wilmington, Del.  
*For branch offices see adv index at end of book*  
**HERCULES POWDER CO.**, Wilmington, Del.  
*See adv index at end of book*

### Wire (Copper)

*See Wire, Brass & Copper*

### 16926—Wire (Copper (Clad))

**Standard Underground Cable Co.** ("Colonial"), Pittsburgh, Pa.  
**Steel Sales Corp.**, Adams & Jefferson, Chicago, Ill.

### 16927—Wire (Copper Telephone)

**American Electrical Works**, Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Collyer Insulated Wire Co.**, Pawtucket, R. I.  
**Detroit Copper & Brass Rolling Mills**, Detroit, Mich.  
**Detroit Insulated Wire Co.**, Detroit, Mich.  
**Indiana Rubber & Insulated Wire Co.** (Insulated), P. O. Box 192, Jonesboro, Ind.  
**Kerite Insulated Wire & Cable Co.** (Kerite), 30 Church, New York  
**Michigan Copper & Brass Co.**, Detroit, Mich.  
**Phillips Wire Co.**, Pawtucket, R. I.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
**Rome Wire Co.** ("Romeoid"), Rome, N. Y.  
**Safety Insulated Wire & Cable Co.**, 114 Liberty, New York  
**Simplex Wire & Cable Co.** ("Simcore"), 201 Devonshire, Boston, Mass.  
**Standard Underground Cable Co.**, Pittsburgh, Pa.  
**Waclark Wire Co.**, 20 Exchange pl, New York

### 16928—Wire (Coppered)

**American Electrical Works**, Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Cambria Steel Co.**, Widener bldg, Phila., Pa.  
**Indiana Steel & Wire Co.**, (Bright), Muncie, Ind.  
**Morgan Spring Co.**, Worcester, Mass.  
**Prentiss G. W. & Co.**, Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
**Seneca Wire & Mfg. Co.**, Fostoria, O.  
*See adv index at end of book*  
**Spencer Wire Co.**, Worcester, Mass.  
**Washburn Wire Co.**, Phillipsdale, R. I.  
**Wickwire Bros.**, Cortland, N. Y.  
**Wilson Steel Products Co.**, 49th & S Western av, Chicago, Ill.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*  
**Youngstown Sheet & Tube Co.**, Youngstown, O.

### 16928a—\*Wire ("Copperweld" Copper Clad Steel)

**PAGE WOVEN WIRE FENCE CO.** ("Copperweld"), Monessen, Pa.  
*See adv index at end of book*

### 16928b—\*Wire ("Copperweld" Copper Clad Steel Line)

**PAGE WOVEN WIRE FENCE CO.**, Monessen, Pa.  
*See adv index at end of book*

### 16929—\*Wire Cord

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
**Townsend C. C. & E. P. Co.**, New Brighton, Pa.  
**UPSON-WALTON CO. OF N. Y. THE** ("Perfection", "Drednaut"), 291 B'way, New York  
*See adv index at end of book*

### 16929a—Wire Core

**American Steel & Wire Co.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Atlantic Wire Co.**, Branford, Conn.  
**Morgan Spring Co.**, Worcester, Mass.  
**Roebing John A. Sons Co.**, 117 Liberty, New York  
**Spencer Wire Co.**, Worcester, Mass.  
**Wright Wire Co.**, Worcester, Mass.  
*See adv index at end of book*

### Wire (Electrical)

*See Insulated, Copper, Magnet, Enameled Rubber Covered & other kinds of Wire*

### 16930—Wire (Enameled)

**Acme Wire Co.** ("Enamelite"), New Haven, Conn.  
**Automatic Electric Co.** ("Raven"), 1001 W Van Buren, Chicago, Ill.  
**Belden Mfg. Co.** ("Cotenamel", "Beldenamel"), 2316 S. Western av, Chicago, Ill.  
**Bradford Kyle & Co.**, Plymouth, Mass.  
**Chicago Insulated Wire & Mfg. Co.**, Sycamore, Ill.  
**Dudlo Mfg. Co.** (Sizes 25 to 40 B. S. Gauge), Fort Wayne, Ind.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y.  
*See adv index at end of book*  
**Massachusetts Electric Mfg. Co.**, Lynn, Mass.  
**Moore Alfred F.**, 200 N 3d, Phila., Pa.  
**Reliable Electric Co.**, 411 S Sangamon, Chicago, Ill.  
**Riege, Archer Co.**, 4317 Griscom, Phila., Pa.  
**ROEBLING'S JNO. A. SONS CO.**, Trenton, N. J.  
*See adv index at end of book*

### 16931—\*Wire Fabric Reinforcement

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*

### 16932—Wire (Feeder)

**American Electrical Works**, Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Ansonia Electrical Co.** (Electric Railway Wires & Cables), Ansonia, Conn.  
**Collyer Insulated Wire Co.**, Pawtucket, R. I.  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y.  
*See adv index at end of book*  
**Hazard Mfg. Co.**, Wilkes-Barre, Pa.  
**Indiana Rubber & Insulated Wire Co.** (Insulated), P. O. Box 192, Jonesboro, Ind.  
**Kerite Insulated Wire & Cable Co.** (Kerite), 30 Church, New York  
**National Conduit & Cable Co.** (Weatherproof Wire & Cable), 41 Park Row, New York  
**OKONITE CO.** (Railway Feed, etc), 501 Fifth av, New York  
*See adv index at end of book*  
**Phillips Wire Co.**, Pawtucket, R. I.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
**Safety Insulated Wire & Cable Co.**, 114 Liberty, New York  
**Simplex Wire & Cable Co.** ("Simcore"), 201 Devonshire, Boston, Mass.  
**Standard Underground Cable Co.**, Pittsburgh, Pa.

### 16933—Wire (Fence)

*See also Fences, Woven Wire*  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Builders Iron Works Co.**, St. Paul, Minn.  
**Gulf States Steel Co.**, Birmingham, Ala.  
**Herzog Iron Works**, St. Paul, Minn.  
**Interstate Iron & Steel Co.**, Grand Crossing, Chicago, Ill.  
*See adv index at end of book*  
**Keystone Steel & Wire Co.**, Peoria, Ill.  
**Morgan Spring Co.**, Worcester, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J.  
*See adv index at end of book*  
**WRIGHT WIRE CO.** ("Excelsior Rust Proof"), Worcester, Mass.  
*See adv index at end of book*

### 16934—Wire Fences & Gates

*See also Fences, Railroad & Farm; also Fences, Woven Wire*  
**Adrian Wire Fence Co.** (Wholesale Mfrs.), Adrian, Mich.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Anchor Fence & Iron Co.** (Farm & Railroad "Anchor" Spring Wire), Cleveland, O.  
**Anchor Post Iron Works**, 19 Cortlandt, New York  
**Barnes Wire Fence Co.**, 552 River av, Detroit, Mich.  
**Bond Steel Post Co.** ("Empire"), Adrian, Mich.  
**Brown H. L. Fence & Mfg. Co.** ("Norwood"), Oakley, Cincinnati, O.  
**Builders Iron Works Co.**, St. Paul, Minn.  
**Champion Iron & Wire Wks.**, Omaha, Neb.  
**Clinton Wire Cloth Co.**, Clinton, Mass.  
**Colvin Chase Fence Co.**, South Charleston, Ohio  
**Cyclone Fence Co.** (Ornamental), Waukegan, Ill.  
**Cyclone Woven Wire Fence Co.** (Cyclone woven), Cleveland, O.  
**Decatur Mfg. Co.**, Decatur, Ill.  
**Dwiggins Wire Fence Co.** (Wholesale Mfrs. for Fields, Lawns, Cemeteries & Parks), Anderson, Ind.  
**Elliott & Reid Co.** (Slat Fence, etc), Richmond, Ind.  
**Enterprise Iron Works** (Cemetery, Farms, etc), Indianapolis, Ind.  
**Eureka Fence Mfg. Co.** (Lawn Fences & Gates, etc), Richmond, Ind.  
**Excelsior Fence Co.** ("Excelsior"), Spokane, Wash.  
**Fiske J. W. Iron Works**, 80 Park pl, New York  
**Frost Superior Fence Co.** (Farm & Railing Fence & Steel Gates), Cleveland, O.  
**Gate City Fence Works**, Atlanta, Ga.  
**Gem Wire Fence Co.**, Pontiac, Mich.  
**Gilbert & Bennett Mfg. Co.** (Wholesale Mfrs.), Georgetown, Conn.  
**Gulf States Steel Co.** (Field Fencing Only), Birmingham, Ala.  
**Haish Jacob & Co.** (Wholesale Mfrs.), De Kalb, Ill.  
**Hoosier Fence Co.** (Wholesale Mfrs. of Ornamental Steel Wire), Frankton, Ind.  
**Howard & Morse**, 46 Fulton, New York  
**Indiana Steel & Wire Co.** (Wholesale Mfrs.), Muncie, Ind.  
**Janesville Barb Wire Co.** (Wholesale Mfrs.), Janes, Wis.  
**Keystone Steel & Wire Co.** ("Square Deal"), Peoria, Ill.  
**Kitselman Bros.** (Wholesale Mfrs., Ornamental), Muncie, Ind.  
**Kokomo Fence Machine Co.** (Ornamental), Kokomo, Ind.  
**Kokomo Steel & Wire Co.** ("Kokomo Pioneer" Ornamental), Kokomo, Ind.  
**Lansing Co.**, Lansing, Mich.  
**Lasar Ornamental Iron Co.**, 16th & O'Fallon, St. Louis, Mo.  
**Ludlow-Saylor Wire Co.**, Newstead av, c Wabash R. R., St. Louis, Mo.  
**Mason Fence Co.** ("Mason Champion" Wholesale Mfrs.), Leesburg, O.  
**Meyers Fred. J. Mfg. Co.**, Hamilton, O.  
*See adv index at end of book*  
**Michigan Wire Fence Co.**, Adrian, Mich.  
**New Jersey Wire Cloth Co.**, Trenton, N. J.  
**Nichols Wire Co.**, 21st & Baltimore, Kansas City Mo.  
**Ohio Anchor Fence Co.**, Cleveland, O.



Pacific Fence Construction Co., 423 Market, San Francisco, Cal.  
 Peerless Wire Fence Co., Adrian, Mich.  
 Pittsburgh Steel Co. (Wholesale Mfrs.), 5th av & Grant, Pittsburgh, Pa.  
 Plocher Andrew Sons Co. (Gates Only), Dayton, O.  
 St. Louis Wire & Iron Co., St. Louis, Mo.  
 Schreiber L. & Sons Co., 3869 Ivanhoe, Cincinnati, O.  
 Shaw Wire Fence Co., Warsaw, O.  
**SMITH F. P. WIRE & IRON WORKS**, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 Spring Steel Fence & Wire Co. (Wholesale Mfrs.), Anderson, Ind.  
 Taylor & Dean, Penn av & 25th, Pittsburgh, Pa.  
 Texas Anchor Fence Co., Ft. Worth, Tex.  
 Ward Mfg. Co., Decatur, Ind.  
 West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.  
**WRIGHT WIRE CO.** (Wholesale Mfrs., Ornamental, Truss & Cable, Railway & Farm, "Excelsior," "W," "Poultry" & "Rabbit"), Worcester, Mass.  
*See adv index at end of book*  
 Youngstown Sheet & Tube Co. (Wholesale Mfrs.), Youngstown, O.

### 16935— Wire (Fish)

Steel City Electric Co. ("Superior"), 1207 Columbus av, Pittsburgh, Pa.

### Wire (Fixture)

See Wire, Insulated

### 16936—Wire (Flat & Round Tempered)

American Steel Co. (Flat), Park bldg., Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Cary Spring Works, 240 W 29th, New York  
 Crucible Steel Co. of America (Crucible Steel Tempered & Untempered), Oliver bldg, Pittsburgh, Pa.  
 De Haven Mfg. Co., 50 Columbia Heights, Brooklyn, N. Y.  
 Morgan Spring Co., Worcester, Mass.  
 Newman C. Wire Co., 28 Church, New York  
 Prentiss G. W. & Co., Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebbling, N. J.  
*See adv index at end of book*  
 Schwartz Herrmann, 121 Nassau, New York  
 Spencer Wire Co., Worcester, Mass.  
 Wetherell Bros. Co., 31 Oliver, Boston, Mass. *See adv index at end of book*

### 16937— Wire (Florists')

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Prentiss G. W. & Co., Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebbling, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Triple Sign Co. (Wire Floral Supports), Connerville, Ind.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

### 16938—\*Wire Flower Bed Guards

**WRIGHT WIRE CO.** ("Excelsior Rust Proof"), Worcester, Mass.  
*See adv index at end of book*

### 16938a—\*Wire (For Glass Wire Mfrs.)

Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*

### 16938b—Wire (Foundrinier)

Appleton Wire Works, Appleton, Wis.  
 Babbitt L. L., Clayville, N. Y.

Bigelow, Cheney Wire Works, Springfield, Mass.  
 Buchanan & Bolt Wire Co., Holyoke, Mass.  
 Cable Wm. Excelsior Wire Mfg. Co., 88 Ainslee, Brooklyn, N. Y.  
 Driver-Harris Co., Harrison, N. J.  
 Eastwood Wire Mfg. Co., Belleville, N. J.  
 Gleason Thos., East Newark, N. J.  
 Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, O.  
 McCluskey H. & T. & Sons, New Haven, Conn.  
 Multi-Metal Separating Screen Co., 68 E. 131, New York  
 Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
 Wisconsin Wire Works, Appleton, Wis.

### Wire (Galvanized)

See Wire, Market

### 16939—Wire (German Silver)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Babbitt L. L., Clayville, N. Y.  
 Besly Chas. H. Co. ("Helmet"), 120-H N Clinton, Chicago, Ill.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Bristol J. Brass Co., Bristol, Conn.  
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
 Electric Alloy Co. (Bare & Insulated), Morristown, N. J.  
 Hungerford U. T. Brass & Copper Co., 80 Lafayette, New York  
 McClusky H. & T. & Sons, New Haven, Conn.  
 Merchant & Evans Co., 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Murray Wire Co., Verona av, Newark, N. J.  
 Plume & Atwood Mfg. Co., Waterbury, Conn.  
 Reeves Paul S. & Co., 1415 Catherine, Phila., Pa.  
 Riverside Metal Co., Riverside, N. J.  
**SCOVILL MFG. CO.**, Waterbury, Conn.  
*See adv index at end of book*  
 Seymour Mfg. Co., Seymour, Conn.  
 Trumbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No 7th, Phila., Pa.  
*See adv index at end of book*  
 Whitehead Metal Products Co., 67-73 Washington, North, Boston, Mass.  
*See adv index at end of book*  
 Wright Wire Co., Worcester, Mass.  
*See adv index at end of book*

### 16940— \*Wire (Gilding)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

### Wire Glass for All Purposes

See Glass, Wire, Manufacturers

### 16941—Wire Goods (Bright)

See also the Specific Article Required  
 American Stamping Mfg. Co. (Specialties), Park bldg, Pittsburgh, Pa.  
 Autoyre Co., Oakville, Conn.  
 Belmer H. Co., 628 W 3rd, Cincinnati, O.  
 Bromwell Co., 420 Main, Cincinnati, O.  
 Brooks M. S. & Sons (All Kinds of Wire Specialties, etc), Chester, Conn.  
 Campbell Wire Specialty Works (Automatic Work), South Bend, Ind.  
 Collis Co., Clinton, Ia.  
 Grammes L. F. & Sons, Allentown, Pa.  
 Hamblin & Russell Mfg. Co., Worcester, Mass.  
 Howard & Morse, 46 Fulton, New York  
 Humason & Beckley Mfg. Co., New Britain, Conn.  
 Jencks E. Mfg. Co. (Special Bright Iron & Brass, etc), Worcester, Mass.  
 Jenkinson R. S. & Co. (By Automatic Machines), 293 Washington, Newark, N. J.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
**MORGAN SPRING CO.**, Worcester, Mass.

Oakville Co., Waterbury, Conn.  
 Ohio Wire Goods Co., Akron, O.  
 Parker Wire Goods Co. (Bright & Mill Wire), Worcester, Mass.  
 Peerless Wire Goods Co., Lafayette, Ind.  
 Sanit Co. (Garbage & Waste Can Stands), 227 Hayward av, Rochester, N. Y.  
 Smith F. P. & Co. (Specials), Sharon Hill, Pa.  
 Special Machinery Co., Bridgeport, Conn.  
 Traut & Hine Mfg. Co., New Britain, Conn.  
 Troy Wire Goods Co., Troy, N. Y.  
 Turner & Stanton Co., Norwich, Conn.  
 Wedmore D. A. & Co., Camden, N. J.  
 Wire Goods Co. (Everything in Wire), Worcester, Mass.  
 Wire Hardware Co., 6126 S La Salle, Chicago, Ill.  
 Woods-Sherwood Co., Worcester, Mass.

### 16942—Wire (Gun Wrapping)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Clinton & Roebbling, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*

### 16943— Wire (Hairpin)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

### 16944—Wire (Hook & Eye)

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*See adv index & branch offices at end of book*

### 16944a— Wire Infant Cribs

Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book*

### 16945— Wire (Insulated)

Acme Wire Co. (Copper), New Haven, Conn.  
 American Brass Co. ("K. K." Weatherproof & Slow Burning), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 American Electrical Works, Phillipsdale, R. I.  
 American Insulated Wire & Cable Co., 954 W 21st, Chicago, Ill.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Ansonia Electrical Co., Ansonia, Conn.  
 Atlantic Insulated Wire & Cable Co. ("Neptune," "Dolphin," "Triton"), Stamford, Conn.  
 Bay State Insulated Wire & Cable Co. ("Maconite"), Hyde Park, Mass.  
 Belden Mfg. Co., 2316 S Western av, Chicago, Ill.  
 Bishop Gutta-Percha Co. (Rubber & Gutta Percha), 420 E 25th, New York  
 Boston Insulated Wire & Cable Co. (Asbestos & Rubber Covered), Boston, Mass.  
 Bourn Rubber Co., 58 Warren, Providence, R. I.  
 Bradford, Kyle & Co., Plymouth, Mass.  
 Bridgeport Brass Co., Bridgeport, Conn.  
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.  
 Collyer Insulated Wire Co., Pawtucket, R. I.  
 Crescent Insulated Wire & Cable Co., Trenton, N. J.  
 Detroit Insulated Wire Co., Detroit, Mich.  
 Doyle-Dacosta Mfg. Co., Easton, Pa.  
 Electrical Alloy Co., Morristown, N. J.  
**GENERAL ELECTRIC CO.** (All Kinds), Schenectady, N. Y.  
*See adv index at end of book*  
 Goodrich B. F. Co., Akron, O.  
 Habirshaw Electric Cable Co., 10 E. 43d, New York  
 Hazard Mfg. Co. (Rubber), Wilkes-Barre, Pa.  
 Independent Lamp & Wire Co. (Asbestos), 1733 B'way, New York



Indiana Rubber & Insulated Wire Co. ("Paranite"), P. O. Box 192, Jonesboro, Ind.  
 Kerite Insulated Wire & Cable Co. (Kerite), 30 Church, New York  
 Lowell Insulated Wire Co., Lowell, Mass.  
 Malin & Co. (Spooled), Cleveland, O.  
 Marion Insulated Wire & Rubber Mfrs., Marion, Ind.  
 Monarch Electric & Wire Co. ("Monarch," Copper & Iron), 622 W Adams, Chicago, Ill.  
 Moore Alf. F. (All Kinds), 200 N 3d, Phila., Pa.  
 National Conduit & Cable Co., 41 Park Row, New York  
 National India Rubber Co. ("C. M."), Bristol, R. I.  
 New England Electrical Works, Lisbon, N. H.  
 New York Insulated Wire Co., 114 Liberty, New York  
**OKONITE CO.**, 501 Fifth av, New York  
*See adv index at end of book*  
 Phillips Wire Co., Pawtucket, R. I.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Rome Wire Co. ("Romeoid"), Rome, N. Y.  
 Safety Insulated Wire & Cable Co., 114 Liberty, New York  
 Simplex Wire & Cable Co. ("Simcore"), Boston, Mass.  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, New York  
**WESTINGHOUSE ELECTRIC & MFG. CO.**, East Pittsburgh, Pa.  
*See adv index at end of book*

#### 16946— Wire (Iron)

Central Wire & Iron Works, Des Moines, Ia.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*

#### 16947— Wire (Lead)

Chadwick-Boston Lead Co., Boston, Mass.  
 Conduit Electrical Mfg. Co. ("Shawmut"), 1st & L, Boston, Mass.  
 United Lead Co., 111 B'way, New York

#### 16947a—Wire (Line, Copper Clad Steel)

**PAGE WOVEN WIRE FENCE CO.** ("Copperweld"), Monessen, Pa.  
*See adv index at end of book*

#### 16948— Wire (Liquor Finish)

Cambria Steel Co., Widener bldg, Phila., Pa.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*

Townsend C. C. & E. P. Co., New Brighton, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Youngstown Sheet & Tube Co., Youngstown, O.

#### 16949— Wire (Magnet)

Acme Wire Co. ("Cottonite," "Silkenite"), New Haven, Conn.  
 American Brass Co., Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 American Electrical Works, Phillipsdale, R. I.  
 American Enameled Magnet Wire Co., Muskegon, Mich.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Ansonia Electrical Co. (Cotton & Silk Covered), Ansonia, Conn.  
 Belden Mfg. Co. ("Beldenamel," "Cotenamel," "Silkenamel"), 2316 S Western av, Chicago, Ill.  
 Bradford, Kyle & Co., Plymouth, Mass.  
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.  
 D. & W. Fuse Co. ("Deltabeston"), Hatha-way, Providence, R. I.  
 Electric Cable Co. ("Votax"), 10 W 43d, New York  
**GENERAL ELECTRIC CO.**, Schenectady, N. Y.  
*See adv index at end of book*  
 Hazard Mfg. Co., Wilkes-Barre, Pa.  
 Independent Lamp & Wire Co. ("Salamander," Asbestos Insulated), 1733 B'way, New York  
 Kellogg Switchboard & Supply Co., 1066 W Adams, Chicago, Ill.  
 Mass. Electric Mfg. Co., West Lynn, Mass.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Moore Alfred F., 200 N 3d, Phila., Pa.  
 New England Electrical Works, Lisbon, N. H.  
 Riege Archer C. (Enameled), 4317 Griscom, Phila., Pa.  
 Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Rome Wire Co. ("Romeoid" Silk & Cotton Covered), Rome, N. Y.  
 Safety Insulated Wire & Cable Co., 114 Liberty, New York  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Stromberg-Carlson Telephone Mfg. Co. ("S-C"), Rochester, N. Y.  
 Stuart-Howland Co., 234 Congress, Boston, Mass.

#### 16950— Wire (Manganoid)

Electrical Alloy Co., Morristown, N. J.

#### 16951— Wire (Market)

American Steel Co., Park bldg., Pittsburgh, Pa.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Atlantic Steel Co. (Open-Hearth Steel), Atlanta, Ga.  
 Belfont Iron Works Co. (Annealed, Galvanized, etc), Ironton, O.  
 Cambria Steel Co. (Annealed, Bright & Galvanized), Widener bldg, Phila., Pa.  
 Gulf States Steel Co. (Plain & Galvanized), Birmingham, Ala.  
 Igoe Bros., Poinier, Newark, N. J.  
 Indiana Steel & Wire Co., (Bright), Muncie, Ind.  
 Keystone Steel & Wire Co. (Plain & Galvanized), Peoria, Ill.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
**MOBORG SPRING CO.** (Finished, Bright, Annealed, Galvanized, etc), Worcester, Mass.  
 Norton Iron Works (Annealed, Galvanized, etc), Ashland, Ky.  
 Page Woven Wire Fence Co., Adrian, Mich.  
 Pittsburgh Steel Co. (Annealed, Bright & Galvanized), 5th av & Grant, Pittsburgh, Pa.  
 Prentiss G. W. & Co. (Annealed), Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Spencer Wire Co. (Stone & Weaving), Worcester, Mass.  
 Washburn Wire Co., Phillipsdale, R. I.  
 Wickwire Bros. (Annealed, Bright & Galvanized), Cortland, N. Y.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
**WRIGHT WIRE CO.** (Annealed, Bright Galvanized), Worcester, Mass.  
*See adv index at end of book*  
 Youngstown Sheet & Tube Co. (Annealed & Bright Smooth Wire), Youngstown, O.

#### 16952— Wire (Mattress)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Gulf States Steel Co., Birmingham, Ala.  
 Morgan Spring Co. (Tinned), Worcester, Mass.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.

#### 16952a—Wire (Molybdenum)

Commercial-Research Co., Jackson av & Hopewell, Long Island City, N. Y.



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**16953—\*Wire (Monel Metal)**

Driver-Harris Co., Harrison, N. J.  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
**SUPPLEE-BIDDLE HARDWARE CO.**, 5th & Commerce, Phila., Pa.  
*See adv index at end of book*

**WILLIAMS & CO. INC.**  
**PITTSBURGH, PA.**

Williams & Co. (Inc.), Penn av, Pittsburgh, Pa. *See adv index at end of book*

**16954— Wire (Nail)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Belfont Iron Works Co., Ironton, O.  
 Gulf States Steel Co., Birmingham, Ala.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.  
 Wilson Steel Products Co., 49th & S Western av, Chicago, Ill.  
 Youngstown Sheet & Tube Co., Youngstown, O.

**Wire (Needle)**

*See Wire, Steel Needle*

**Wire Netting (Galvanized)**

*See Wire Poultry Netting*

**16955— \*Wire (Nickel)**

**MICHIGAN WIRE CLOTH CO.** 500 Howard, Detroit, Mich.  
*See adv index at end of book*

**WILLIAMS & CO. INC.**  
**PITTSBURGH, PA.**

Williams & Co. (Inc.), 221 Penn av, Pittsburgh, Pa. *See adv index at end of book*

**16956—Wire (Phosphor Bronze)**

Babbitt L. L. (Fine Wires), Clayville, N. Y.  
 Bradford, Kyle & Co., Plymouth, Mass.  
 Electrical Alloy Co., Morristown, N. J.  
**MERCHANT & EVANS CO.** (In Coils, etc), 2035 Washington av, Phila., Pa.  
*See adv index at end of book*  
**MICHIGAN WIRE CLOTH CO.**, 500 Howard, Detroit, Mich.  
*See adv index at end of book*  
 Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.  
 Reeves Paul S. & Co., 1415 Catharine, Phila., Pa.  
 Riverside Metal Co., Riverside, N. J.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
 Seymour Mfg. Co., Seymour, Conn.  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Trumpbour-Whitehead Brass & Copper Co., 309-311 Canal, New York & 43 No. 7th, Phila., Pa.  
*See adv index at end of book*  
 Waterbury Mfg. Co., Waterbury, Conn.  
 Whitehead Metal Products Co., 67-73 Washington, North Boston, Mass.  
*See adv index at end of book*  
**WRIGHT WIRE CO.**, Worcester, Mass.  
*See adv index at end of book*

**16957—Wire (Piano or Music)**

**AMERICAN STEEL & WIRE CO.** ("Perfect," "Crown" & "Star"), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Boker H. & Co., (Steel, Imported), 101 Duane, New York  
 Electrical Alloy Co., Morristown, N. J.  
**FRASSE PETER A. & CO. (INC.)**, ("Brunton's"), 417 Canal, New York  
*See adv index at end of book*

Malin & Co. (Cast Steel), Cleveland, O.  
 Montgomery & Co. ("Wm. Smith & Sons" Imported), 105 Fulton, New York  
 Newman C. Wire Co., 25 Church, New York  
 Prentiss G. W. & Co., Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Standard Underground Cable Co., Pittsburgh, Pa.  
 Stevens Chas. G. Co. (Dealers & Mfrs. Agts.), 33 S Jefferson, Chicago, Ill.  
 Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, New York  
 Waterbury Company, 63 Park Row, New York  
 Webb Wire Works ("Blue Label"), New Brunswick, N. J.

**16958— Wire (Picture)**

**ROEBLING'S JOHN A. SONS CO.**, Trenton, N. J. *See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Tate E. H. Mop & Cordage Co., ("Best Quality"), 15 Chardon, Boston, Mass.  
**WRIGHT WIRE CO.** ("Excelsior Brand"), Worcester, Mass.  
*See adv index at end of book*

**16959— Wire (Pin)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

**16960— Wire (Pinion)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Morgan Spring Co., Worcester, Mass.  
 Rathbone A. B. & J., Palmer, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Trenton, N. J. *See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Woburn Gear Works, Woburn, Mass.

**16961—Wire (Plain & Galvanized)**

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Atlantic Steel Co. (Open Hearth Steel), Atlanta, Ga.  
 Belfont Iron Works Co., Ironton, O.  
 Colorado Fuel & Iron Co., Denver, Colo.  
 Crawfordsville Wire & Nail Co., Crawfordsville, Ind.  
 Gulf States Steel Co., Birmingham, Ala.  
 Indiana Steel & Wire Co., Muncie, Ind.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Kelly Nail & Iron Co., Ironton, O.  
 Keystone Steel & Wire Co., Peoria, Ill.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Pittsburgh Steel Co., 5th av & Grant, Pittsburgh, Pa.  
**ROEBLING'S JOHN A. SONS CO.**, Trenton, N. J. *See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*

**Wire (Platinum)**

*See Platinum Sheet & Wire*

**16962—Wire Poultry Netting**

**AMERICAN STEEL & WIRE CO.** (Galvanized Before Weaving, All Meshes & Sizes), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 California Wire Cloth Co., 587 Mission, San Francisco, Cal.  
 Cambria Steel Co., Widener bldg., Phila., Pa.  
 Clinton Wire Cloth Co. ("Clinton," "Silver Finish"), Clinton, Mass.  
 Darby Edw. & Sons Co., 239 Arch, Phila., Pa.  
 Dwiggins Wire Fence Co., Anderson, Ind.  
 Eureka Fence Mfg. Co. ("Acme"), Richmond, Ind.  
 Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 Howard & Morse, 46 Fulton, New York  
 Indiana Steel & Wire Co. ("Success", "U. S."), Muncie, Ind.

Keystone Steel & Wire Co. ("Blue Ribbon," "Square Deal"), Peoria, Ill.  
 Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.  
 Morgan Spring Co., Worcester, Mass.  
 New Jersey Wire Cloth Co., Trenton, N. J.  
 Nimmo Fence & Wire Works Co., Dana av & C. L. & N. R. R. Evan, Cincinnati, O.  
 Smith F. P. Wire & Iron Works, Lake & Dearborn, Chicago, Ill.  
*See adv index at end of book*  
 West Coast Wire & Iron Works, 861 Howard, San Francisco, Cal.  
 Wickwire Bros. ("W. W."), Cortland, N. Y.  
**WRIGHT WIRE CO.** ("Excelsior Brand," Galvanized After Weaving, "Western Brand," Galvanized Before Weaving & "Rabbit"), Worcester, Mass.  
*See adv index at end of book*

**16963— Wire (Resistance)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 American Electrical Works, Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Belden Mfg. Co. (German Silver, "Chromel," "Superior," "Krupp"), 2316 S Western av, Chicago, Ill.  
 Boker H. & Co. (Imported "Excello", "Superior", "1A-1A"), 101 Duane, New York  
 Bradford, Kyle & Co., Plymouth, Mass.  
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.  
 Driver-Harris Co. ("Nichrome", "Nichrome II.", "Climax", "Advance", "Therilo", "Yankee Silver", Ferro-Nickel, German Silver), Harrison, N. J.  
 Electrical Alloy Co. ("Calido" Nickel-Chromium, "Ideal" Copper-Nickel, "Phoenix" Nickel-Steel, "Tarnac" Nickel-Copper, Manganese, German Silver, Silk & Cotton Covered, Tinned, Enameled & Car Heating Coils), Morristown, N. J.  
 Moore Alfred F., 200 N 3d, Phila., Pa.  
 Murray Wire Co., Verona av, Newark, N. J.  
 New England Electrical Works, Lisbon, N. H.  
 Riverside Metal Co. (Phosphor Bronze), Riverside, N. J.  
 Seymour Mfg. Co., Seymour, Conn.  
 Washburn Wire Co., Phillipsdale, Providence, R. I., & 118th & H. R., New York

**16964—Wire (Resistance, Silk & Cotton Covered)**

Electrical Alloy Co., Morristown, N. J.

**16965— Wire (Ribbon)**

**AMERICAN STEEL & WIRE CO.** (Flat, Twisted), 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
**ROEBLING'S JOHN A. SONS CO.**, Trenton, N. J. *See adv index at end of book*

**16966—Wire (Rivet, Staple, Screw, Etc.)**

**AMERICAN BRASS CO.** (Brass), Waterbury, Conn.  
*For branch offices see adv index at end of book*  
**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
 Cambria Steel Co., Widener bldg, Phila., Pa.  
 Jones & Laughlin Steel Co., Ross, Pittsburgh, Pa.  
 Kokomo Steel & Wire Co. (Rivet & Staple Only), Kokomo, Ind.  
 Morgan Spring Co., Worcester, Mass.  
 Prentiss G. W. & Co., Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Spencer Wire Co., Worcester, Mass.  
 Washburn Wire Co., Phillipsdale, R. I., & 118th & H. R., New York  
 Youngstown Sheet & Tube Co., Youngstown, O.



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### 16966a—\*Wire Rope (Cast Steel)

**ROEBLING'S JOHN A. SONS CO.** Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*

### 16966b—\*Wire Rope (Coarse Laid Standard)

**ROEBLING'S JOHN A. SONS CO.** Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*

### 16967—Wire Rope Coating & Lubricant

Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.  
Climax Refining Co., Cleveland, O.  
**DIXON JOSEPH CRUCIBLE CO.** (Graphite), Jersey City, N. J.  
*See adv index at end of book*  
Ironsides Co. ("Ironside" Wire & Fibre Rope Shield), Columbus, O.  
Jobbers' Mfg. Co. ("Blue Ribbon"), 327 S. La Salle, Chicago, Ill.  
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.  
Nason R. N. & Co., 151 Potrero av, San Francisco, Cal.  
National Refining Co., Cleveland, O.  
Ohio Filler & Shield Co. (Filler & Shield), 522 City av, Columbus, O.  
Plomo Specialty Mfg Co., Cleveland, O.  
Reliance Oil & Grease Co. (Grease), Cleveland, O.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*  
Standard Oil Co. of New York ("Standard"), 555 W 25th, New York

Star Lubricating Oil Co., 8714 Broadway, S. E., Cleveland, O.  
**STRONG MACHINERY & SUPPLY CO.** ("Cableine"), 21 Walker, New York  
*See adv index at end of book*  
United States Graphite Co. (Graphite), Saginaw, Mich.  
Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.

### Wire Rope (Derrick & Dredging)

*See Wire Rope & Cables*

### 16968—\*Wire Rope (Extra Pliable)

**ROEBLING'S JOHN A. SONS CO.** Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*

### 16968a—\*Wire Rope (Extra Strong Cast Steel)

**ROEBLING'S JOHN A. SONS CO.** Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*

### 16968b—\*Wire Rope (Flat)

**ROEBLING'S JOHN A. SONS CO.** Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*

### 16969—Wire Rope (Galvanized)

**AMERICAN STEEL & WIRE CO.**, 208 S La Salle, Chicago, Ill.  
*See adv index at end of book*  
Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.  
Hazard Mfg. Co., Wilkes-Barre, Pa.  
Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.

Macomber & Whyte Rope Co., Racine av, Kenosha, Wis.

Monarch Electric & Wire Co. (Steel Strand Up to One-Half Inch), 622 W Adams, Chicago, Ill.

Moon George C. Co., 124 White, New York  
**ROEBLING'S JOHN A. SONS CO.**, Main Office: Trenton, N. J. Works: Trenton & Roebling, N. J.  
*See adv index at end of book*

Upson-Walton Co., 1294 W. 11th, Cleveland, O.

**UPSON-WALTON CO. OF N. Y. THE**, ("Perfection," "Drednaut"), 291 B'way, New York. *See adv index at end of book*

Waterbury Co., 63 Park Row, New York  
**WRIGHT WIRE CO.**, ("Excelsior" brand), Worcester, Mass.  
*See adv index at end of book*

### 16969a— \*Wire Rope (Guy)

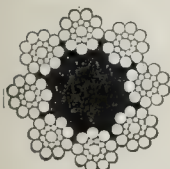
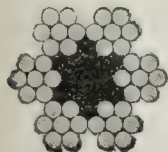
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16970—\*Wire Rope (Lang Lay)

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ton & Roebling, N. J.  
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16970a—\*Wire Rope (Logging)

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New York. See adv index at end of book

16971—\*Wire Rope (Mast Arm,  
Galvanized)

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16972—\*Wire Rope (Mooring  
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("Perfection," "Drednaut"), 291 B'way,  
New York. See adv index at end of book

16972a—\*Wire Rope (Oil Well  
Drilling Lines)

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New York. See adv index at end of book

16973— Wire Rope (Phosphor  
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Reeves Paul S. & Co., 1415 Catharine,  
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Riverside Metal Co., Riverside, N. J.

ROEBLING'S JOHN A. SONS CO., Tren-  
ton, N. J. See adv index at end of book  
Upson-Walton Co., 1294 W 11th, Cleveland,  
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16973a—\*Wire Rope (Rigging, Gal-  
vanized, Ships)

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16973b—Wire Rope (Seale Lay)

ROEBLING'S JOHN A. SONS CO. Main  
Office: Trenton, N. J. Works: Tren-  
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16973c— \*Wire Rope Slings

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16973d— \*Wire Rope (Tiller)

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Wis. See adv index at end of book  
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Bleichert System), 208 S La Salle,  
Chicago, Ill. See adv index at end of book

Broderick & Bascom Rope Co., Main &  
Douglas, St. Louis, Mo.

CLYDE IRON WORKS, Duluth, Minn.

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& Lumber, etc), Roanoke, Va.

Denver Engng. Works Co., Denver, Colo.

Dobbie Foundry & Machine Co., Main  
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**Durable Wire Rope Co.** (Durable), 93 Pearl, Boston, Mass.  
**Hazard Mfg. Co.**, Wilkes-Barre, Pa.  
**Kieckhefer A. Elevator Co.** (Jobbers), Milwaukee, Wis.  
**Leschen A. & Sons Rope Co.** ("Hercules"), 920 N 1st, St. Louis, Mo.  
**Macomber & Whyte Rope Co.**, Racine av, Kenosha, Wis.  
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**Upson-Walton Co.**, 1294 W 11th, Cleveland, O.  
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**Waterbury Co.**, 63 Park Row, New York  
**Williamsport Wire Rope Co.**, Williamsport, Pa.  
**WRIGHT WIRE CO.** ("Excelsior Brand"), Worcester, Mass.  
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**Acorn Insulated Wire Co.**, 77 Richards, Brooklyn, N. Y.  
**American Electrical Works**, Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.** ("Amerite" & "Americore"), 208 S La Salle, Chicago, Ill.  
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**Bay State Insulated Wire & Cable Co.**, Hyde Park, Mass.  
**Belden Mfg. Co.**, 2316 S Western av, Chicago, Ill.  
**Bishop Gutta-Percha Co.** (Solid & Flexible), 420 E 25th, New York  
**Boston Insulated Wire & Cable Co.**, Boston, Mass.

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**Detroit Insulated Wire Co.**, Detroit, Mich.  
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**Indiana Rubber & Insulated Wire Co.** ("Paranite" & "Peerless" Wires & Cables), P. O. Box 192, Jonesboro, Ind.  
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**Lowell Insulated Wire Co.** (Solid, Stranded, Double Braid & Duplex), Lowell, Mass.  
**Marion Insulated Wire & Rubber Mfrs.** ("Eagle"), Marion, Ind.  
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**National India Rubber Co.**, Bristol, R. I.  
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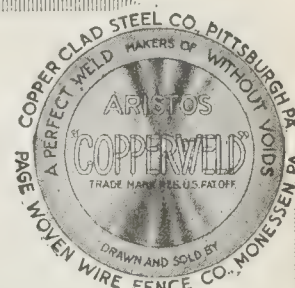
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Newman C. Wire Co., 25 Church, New  
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Washburn Wire Co., Phillipsdale, R. I.

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*See Wire, Broom & Brush*

### 16991a—\*Wire (Steel, Copper Clad "Copperweld")

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Pittsburgh Tool Steel Wire Co., Monaco, Pa.  
Webb Wire Works, New Brunswick, N. J.  
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Boston, Mass. *See adv index at end of book*  
Wheelock, Lovejoy & Co. ("Globe" Cruci-  
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Cliff, New York

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York  
Cleveland Wire Spring Co. (Oil Temper-  
ed), Cleveland, O.  
Crawfordsville Wire & Nail Co., Craw-  
fordsville, Ind.  
Gulf States Steel Co., Birmingham, Ala.  
Hartley Geo. (Cast Steel Watch & Clock  
Hair Spring Wire), Waterbury, Conn.  
Morgan Spring Co., Worcester, Mass.  
Newman C. Wire Co., 25 Church, New  
York  
Page Woven Wire Fence Co., Adrian,  
Mich.  
Prentiss G. W. & Co., Holyoke, Mass.  
**ROEBLING'S JOHN A. SONS CO.,** Main  
Office, Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*  
Spencer Wire Co., Worcester, Mass.  
Washburn Wire Co. (Clock & Motor, etc),  
Phillipsdale, R. I., & 118th & Harlem  
River, New York  
**WRIGHT WIRE CO.,** Worcester, Mass.  
*See adv index at end of book*  
Youngstown Sheet & Tube Co., Youngs-  
town, O.

### 16994—Wire (Steel, Telephone & Telegraph)

**AMERICAN STEEL & WIRE CO.,** 208 S  
La Salle, Chicago, Ill.  
*See adv index at end of book*  
Horner W. S. & Co., Oliver bldg, Pitts-  
burgh, Pa.  
Joslyn Mfg. & Supply Co., Chamber of  
Comm. bldg, Chicago, Ill.  
**ROEBLING'S JOHN A. SONS CO.,** Main  
Office: Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*

### 16995— Wire (Stone)

**AMERICAN STEEL & WIRE CO.,** 208 S  
La Salle, Chicago, Ill.  
*See adv index at end of book*  
Cambria Steel Co., Widener bldg, Phila.,  
Pa.  
Morgan Spring Co., Worcester, Mass.  
**ROEBLING'S JOHN A. SONS CO.,** Tren-  
ton, N. J. *See adv index at end of book*  
Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
Wilson Steel Products Co., 49th & S Wes-  
tern, Chicago, Ill.  
**WRIGHT WIRE CO.,** Worcester, Mass.  
*See adv index at end of book*

### 16996— Wire (Stove Pipe)

Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
Tate E. H. Mop & Cordage Co. ("Best  
Quality"), 15 Chardon, Boston, Mass.  
Wilson Steel Products Co., 49th & S Wes-  
tern, Chicago, Ill.  
**WRIGHT WIRE CO.** ("Wright Kind"  
Brand, "Royal Worcester" Brand),  
Worcester, Mass.  
*See adv index at end of book*

### 16997— Wire (Strand)

American Electrical Works (Copper &  
Galvanized Steel), Phillipsdale, R. I.  
**AMERICAN STEEL & WIRE CO.,** 208 S  
La Salle, Chicago, Ill.  
*See adv index at end of book*  
Broderick & Bascom Rope Co., Main &  
Douglas, St. Louis, Mo.  
Detroit Insulated Wire Co., Detroit, Mich.  
Hazard Mfg. Co. (Galvanized Steel),  
Wilkes-Barre, Pa.  
Indiana Steel & Wire Co. (Single & Double  
Galvanized Standard or Commercial  
Grade—Siemens & Martin, High  
Strength Extra High Strength),  
Muncie, Ind.  
Joslyn Mfg. & Supply Co., Chamber of  
Comm. bldg, Chicago, Ill.  
Keystone Steel & Wire Co., Peoria, Ill.  
Leschen A. & Sons Rope Co., 920 N 1st,  
St. Louis, Mo.  
Macomber & White Rope Co., Racine av,  
Kenosha, Wis.  
Monarch Electric & Wire Co. (Galvanized  
Up to One-Half Inch), 622 W Adams,  
Chicago, Ill.  
Moon George C. Co., 124 White, New York  
Riverside Metal Co. (Phosphor Bronze),  
Riverside, N. J.  
**ROEBLING'S JOHN A. SONS CO.,** Main  
Office, Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*  
Upson-Walton Co., 1294 W 11th, Cleveland,  
O.  
**WRIGHT WIRE CO.,** Worcester, Mass.  
*See adv index at end of book*

### 16997a—\*Wire (Strand, "Copper- weld" Copper Clad Steel)

**PAGE WOVEN WIRE FENCE CO.** ("Cop-  
perweld"), Monessen, Pa.  
*See adv index at end of book*

### Wire (Submarine)

*See Cables, Submarine*

### 16998— Wire (Tack)

**AMERICAN STEEL & WIRE CO.,** 208 S  
La Salle, Chicago, Ill.  
*See adv index at end of book*  
Morgan Spring Co., Worcester, Mass.  
Seneca Wire & Mfg. Co., Fostoria, Ohio  
*See adv index at end of book*  
Spencer Wire Co., Worcester, Mass.  
Youngstown Sheet & Tube Co., Youngs-  
town, O.



## 16999— Wire (Tag)

**AMERICAN STEEL & WIRE CO., 208 S**  
La Salle, Chicago, Ill.  
*See adv index at end of book*

Morgan Spring Co. (Cut or Bunched),  
Worcester, Mass.

**ROEBLING'S JOHN A. SONS CO., Tren-**  
ton, N. J. *See adv index at end of book*

Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*

Spencer Wire Co., Worcester, Mass.

Wilson Steel Products Co. (Deadlock),  
49th & S Western av, Chicago, Ill.

**WRIGHT WIRE CO. (Cut or Bunched),**  
Worcester, Mass.  
*See adv index at end of book*

17000—Wire (Telephone & Tele-  
graph)

**AMERICAN BRASS CO.,** Waterbury,  
Conn.  
*For branch offices see adv index at end of book*

American Electrical Works, Phillipsdale,  
R. I.

**AMERICAN STEEL & WIRE CO. ("W.**  
& M.") Steel, Iron or Copper), 208 S  
La Salle, Chicago, Ill.  
*See adv index at end of book*

Atlantic Insulated Wire & Cable Co.,  
Stamford, Conn.

Bay State Insulated Wire & Cable Co.,  
Hyde Park, Mass.

Collyer Insulated Wire Co., Pawtucket,  
R. I.

Crawfordsville Wire & Nail Co., Craw-  
fordsville, Ind.

Detroit Copper & Brass Rolling Mills (Cop-  
per), Detroit, Mich.

Detroit Insulated Wire Co., Detroit, Mich.

Gulf States Steel Co. (Galvanized Iron &  
Steel), Birmingham, Ala.

Indiana Rubber & Insulated Wire Co.  
("Paranite"), P. O. Box 192, Jones-  
boro, Ind.

Indiana Steel & Wire Co. (B. B. & Steel  
Grades), Muncie, Ind.

Kerite Insulated Wire & Cable Co. (Ker-  
ite), 30 Church, New York

Keystone Steel & Wire Co. ("Keystone"),  
Peoria, Ill.

Lowell Insulated Wire Co. (Telephone),  
Lowell, Mass.

Monarch Electric & Wire Co., 622 W  
Adams, Chicago, Ill.

National Conduit & Cable Co., 41 Park  
Row, New York

New York Insulated Wire Co., 114 Liberty,  
New York

**PAGE WOVEN WIRE FENCE CO.,**  
("Copperweld" Copper Clad Steel),  
Monessen, Pa.  
*See adv index at end of book*

Phillips Wire Co., Pawtucket, R. I.

**ROEBLING'S JOHN A. SONS CO., Main**  
Office, Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*

Rome Wire Co. ("Romeoid" Copper),  
Rome, N. Y.

Simplex Wire & Cable Co. ("Simcore"),  
201 Devonshire, Boston, Mass.

Standard Underground Cable Co., Pitts-  
burgh, Pa.

Waclark Wire Co. (Copper Only), 20 Ex-  
change pl, New York

Washburn Wire Co (Galvanized Iron &  
Steel, Phillipsdale, R. I.

17000a—\*Wire (Telephone & Tele-  
graph, "Copperweld" Copper  
Clad Steel)

**PAGE WOVEN WIRE FENCE CO. ("Cop-**  
perweld"), Monessen, Pa.  
*See adv index at end of book*

17000b—\*Wire (Tie, "Copperweld"  
Copper Clad Steel)

**PAGE WOVEN WIRE FENCE CO. ("Cop-**  
perweld"), Monessen, Pa.  
*See adv index at end of book*

## 17001— Wire (Tinned)

American Electrical Works (Copper),  
Phillipsdale, R. I.

**AMERICAN STEEL & WIRE CO., 208 S**  
La Salle, Chicago, Ill.  
*See adv index at end of book*

Igoe Bros., 69 Metropolitan av, Brooklyn,  
N. Y., & Newark, N. J.

Morgan Spring Co., Worcester, Mass.

Phillips Wire Co., Pawtucket, R. I.

Prentiss G. W. & Co., Holyoke, Mass.

**ROEBLING'S JOHN A. SONS CO., Main**  
Office, Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*

Rome Wire Co. ("Romeoid" Tinned Cop-  
per), Rome, N. Y.

Seneca Wire & Mfg. Co. (Mattress &  
Broom), Fostoria, O.

Spargo Wire Co. (Tinned Brass & Copper),  
Rome, N. Y.

Spencer Wire Co., Worcester, Mass.

Waclark Wire Co. (Copper Wire & Cable),  
20 Exchange pl, New York

Washburn Wire Co., Phillipsdale, R. I.

Wickwire Bros., Cortland, N. Y.

Wilson Steel Products Co., 49th & S Wes-  
tern av, Chicago, Ill.

**WRIGHT WIRE CO.,** Worcester, Mass.  
*See adv index at end of book*

## 17001a— Wire (Tire)

American Steel Co., Park bldg, Pittsburgh,  
Pa.

**ROEBLING'S JOHN A. SONS CO. Main**  
Office: Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*

17001b—\*Wire Tool Room Enclo-  
sures

**BUFFALO WIRE WORKS CO., 453 Ter-**  
race, Buffalo, N. Y.  
*See adv index at end of book*

## 17001c— \*Wire Tree Guards

**WRIGHT WIRE CO. ("Excelsior Rust**  
Proof"), Worcester, Mass.  
*See adv index at end of book*

## 17002— Wire Trellises

Buffalo Wire Works Co., 453 Terrace,  
Buffalo, N. Y. *See adv index at end of book*

Howard & Morse, 46 Fulton, New York

Smith John P. Co., New Haven, Conn.

Standard-Tyler Co., 2436 W 15th, Chicago,  
Ill.

**TYLER W. S. CO.,** Cleveland, O.  
*See adv index at end of book*

**WRIGHT WIRE CO. ("Excelsior Rust**  
Proof"), Worcester, Mass.  
*See adv index at end of book*

*See adv index at end of book*

## 17003— Wire (Trolley)

**AMERICAN BRASS CO.,** Waterbury,  
Conn.

*For branch offices see adv index at end of book*

American Electrical Works, Phillipsdale,  
R. I.

**AMERICAN STEEL & WIRE CO., 208 S**  
La Salle, Chicago, Ill.  
*See adv index at end of book*

Bridgeport Brass Co. ("Phono-Electric"),  
Bridgeport, Conn.

Collyer Insulated Wire Co., Pawtucket,  
R. I.

Detroit Copper & Brass Rolling Mills, De-  
troit, Mich.

National Conduit & Cable Co., 41 Park  
row, New York

Phillips Wire Co., Pawtucket, R. I.

**ROEBLING'S JOHN A. SONS CO., Main**  
Office, Trenton, N. J. Works: Tren-  
ton & Roebing, N. J.  
*See adv index at end of book*

Standard Underground Cable Co., Pitts-  
burgh, Pa.

Tate E. H. Mop & Cordage Co. ("Best  
Quality" Brass & Copper), 15 Char-  
don, Boston, Mass.

Waclark Wire Co., 20 Exchange pl, New  
York

*See adv index at end of book*

17003a—\*Wire (Trolley, "Copper-  
weld" Copper Clad Steel)

**PAGE WOVEN WIRE FENCE CO. ("Cop-**  
perweld"), Monessen, Pa.  
*See adv index at end of book*

*See adv index at end of book*

*See adv index at end of book*

## 17004— Wire (Tungsten)

Fahn McJunkin, 50 E 41st, New York

## 17005— Wire (Twisted)

**AMERICAN STEEL & WIRE CO., 208 S**  
La Salle, Chicago, Ill.  
*See adv index at end of book*

*See adv index at end of book*

Kokomo Steel & Wire Co., Kokomo, Ind.

Pittsburgh Steel Co. (Galvanized Twisted  
Cable Fence Wire), 5th av & Grant,  
Pittsburgh, Pa.

**ROEBLING'S JOHN A. SONS CO., Tren-**  
ton, N. J. *See adv index at end of book*

Spencer Wire Co., Worcester, Mass.

Standard Underground Cable Co. (Copper  
Only), Pittsburgh, Pa.

Upson-Walton Co., 1294 W 11th, Cleveland,  
O.

## 17006— Wire (Umbrella)

**AMERICAN STEEL & WIRE CO., 208 S**  
La Salle, Chicago, Ill.  
*See adv index at end of book*

Morgan Spring Co., Worcester, Mass.

**ROEBLING'S JOHN A. SONS CO., Tren-**  
ton, N. J. *See adv index at end of book*

Washburn Wire Co., Phillipsdale, R. I.

*See adv index at end of book*

## 7007— Wire (Vanadium)

Halcomb Steel Co., Syracuse, N. Y.

Morgan Spring Co., Worcester, Mass.

Washburn Wire Co., Phillipsdale, R. I.

*See adv index at end of book*

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Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Wilson Steel Products Co., 49th & S West-  
 ern av, Chicago, Ill.  
 Youngstown Sheet & Tube Co., Youngs-  
 town, O.

### 17011— Wire (Welding)

Apex Steel Corp., 50 Church, New York  
 Bierman-Everett Foundry Co., Irvington,  
 N. J.  
 Boston Casting Co., 156 Pearl, Boston,  
 Mass.  
 Metal Products Co., 29 Central, Boston,  
 Mass.  
 Potts Horace T. & Co. (Swedish Char-  
 coal), 316 N 3d, Phila., Pa.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*  
 Swedish Iron & Steel Corp., 12 Platt, New  
 York  
 Townsend C. C. & E P. Co., New Brighton,  
 Pa.

### 17012-3—Wire (White Metal)

Riverside Metal Co., Riverside, N. J.  
 Seymour Mfg. Co. (Special White), Sey-  
 mour, Conn.

### Wire Winding Machinery

See Machinery, Wire Winding

### 17014—\*Wire Work for Banks, Of- fices, Etc.

**AMERICAN STEEL & WIRE CO.**, 208 S  
 La Salle, Chicago, Ill.  
*See adv index at end of book*  
**Buffalo Wire Works Co.**, 453 Terrace, Buf-  
 falo, N. Y. *See adv index at end of book*  
**Cincinnati Mfg. Co.**, Cincinnati, O.  
*See adv index at end of book*  
**Perkins Mfg. Co.** (Store, etc), University &  
 Fairview avs, St. Paul, Minn.  
*See adv index at end of book*  
**PITT WM. R. COMPOSITE IRON WKS.**,  
 219 W 26th, New York  
*See adv index at end of book*  
**Smith F. P. Wire & Iron Works**, Lake &  
 Dearborn, Chicago, Ill.  
*See adv index at end of book*  
**Standard-Tyler Co.**, 2436-62 W 15th, Chi-  
 cago, Ill.  
**TYLER W. S. CO.**, Cleveland, O.  
*See adv index at end of book*  
**Wisconsin Iron & Wire Works (Woven)**,  
 Milwaukee, Wis.

### 17015— \*Wire & Cable (Lead Covered)

**GENERAL ELECTRIC CO.** ("Red Core"),  
 Schenectady, N. Y.  
*See adv index at end of book*

### 17015a— \*Wires (Bond)

**PAGE WOVEN WIRE FENCE CO.**,  
 Monessen, Pa.  
*See adv index at end of book*

### 17016—Wires (Brick Cutting)

Webb Wire Works, New Brunswick, N. J.  
 Willison J. M., East Liverpool, O.

### 17017— Wires (Corset)

Bassett Robert N. Co., 220 5th av, New  
 York

### 17018— Wires (Drop)

Paragon Electric Co. ("Ironite" Insula-  
 ted), 9 S Clinton, Chicago, Ill.  
 Standard Underground Cable Co., Pitts-  
 burgh, Pa.

### 17019— Wires (Millinery)

Boston Bonnet Wire Co., 38 India, Bos-  
 ton, Mass.  
 Seneca Wire & Mfg. Co., Fostoria, O.  
*See adv index at end of book*

### 17020— Wires (Pointed)

Reed & Prince Mfg. Co., Worcester, Mass.

### 17021— Wires (Threaded)

Atlas Bolt & Screw Co., 1000 Ivanhoe rd,  
 Cleveland, O.

Blake & Johnston Co., 1500 Thomaston av,  
 Waterbury, Conn.

*See adv index at end of book*

Cleveland Wrought Washer Co., Cleveland,  
 Ohio

Hartley Screw Products Co., 65 N. J. R. R.  
 av, Newark, N. J.

Ohio Nut & Bolt Co., Berea, O.

Progressive Mfg. Co., Torrington, Conn.

Reed & Prince Mfg. Co., Worcester, Mass.

### 17021a—\*Wires (Tie, "Copperweld" Copper Clad Steel)

**PAGE WOVEN WIRE FENCE CO.**,  
 Monessen, Pa.

*See adv index at end of book*

### 17022— Witherite Importers

Foot Mineral Co., 107 N 19th, Phila., Pa.

### 17023-4— Withes (Mast)

Wilcox, Crittenden & Co., Middletown,  
 Conn.

### 17025— Wood (Bent)

Ames Bending Co., Celina, O.  
 Carrier Lumber & Mfg. Co., Sardis, Miss.  
 Buckeye Handle, Gear & Bending Co., Al-  
 liance, O.  
 Dann Bros. & Co. (Vehicle Bent Work,  
 etc), New Haven, Conn.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Gillette C. H. (Wagon Bows, Shafts, Poles,  
 etc), Indianapolis, Ind.  
 Gillette W. H. Mfg. Co., Louisville, Ky.  
 Jonesboro Bending Co., Jonesboro, Ark.  
 Kohler F. F., South Zanesville, O.  
 Shepard H. G. & Sons, New Haven, Conn.  
 Stephenson Mfg. Co., South Bend, Ind.  
 Von Behren Mfg. Co., Evansville, Ind.  
 Wayne Spoke & Bending Co., Ft. Wayne,  
 Ind.

### 17026— Wood (Briar)

Vassas Freres (French, Imp), 28 Front,  
 New York

### Wood Carpets

See Floors, Parquet

### 17027— Wood (Cocobola)

Williams I. T. & Sons, 11th av & 25th,  
 New York

### Wood Columns

See Columns, Porch & Interior, Wood

### Wood Finishes

See Hard Oil Finish

### Wood Flooring-Interlocking

See Flooring, Wood Block

### Wood Floors (Mosaic)

See Floors, Parquet

### 17028— Wood Flour

Fuerst Bros. & Co., 2 Stone, New York  
**HERCULES POWDER CO.**, Wilmington,  
 Del. *See adv index at end of book*

Hoornbeek's John C. Sons (For Explo-  
 sives), Napanoch, N. Y.

Innis, Speiden & Co. Inc., 46 Cliff, New  
 York *See adv index at end of book*

### 17028a— \*Wood (Kindling)

Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*

### 17029—Wood (Lignumvitae)

Boston & Lockport Block Co., 100 Condor,  
 East Boston, Mass.  
 McMillan's W. H. Sons (Rough, Turned &  
 Sawed), 153 South, New York  
 Williams I. T. & Sons, 11th av & 25th,  
 New York

### Wood Modelers (Architectural)

See Carvers, Wood, Classic; also Modelers  
 & Sculptors, Architectural

### 17030—Wood Novelties (Turned, Etc.)

See also Woodware & Novelties

American Enamel Co., Providence, R. I.  
 American Stamping & Mfg. Co., Park bldg,  
 Pittsburgh, Pa.

American Wood Working Co., 19 Warren  
 New York

Atlanta Wood & Iron Novelty Co., At-  
 lanta, Ga.

Atwood Crawford Co., Pawtucket, R. I.  
 Bogert & Hopper, 67 Barclay, New York

Braman Mfg. Co., Carthage, N. Y.

Canfield Mfg. & Novelty Co., Canfield, O.

Carrom Co., Ludington, Mich.

Cullen & Vaughn Co., 450 Dayton, Hamil-  
 ton, O.

Elmwood Button Co., Bridgeport, Conn.

**ESTES E. B. & SONS**, 358 5th av, New  
 York *See adv index at end of book*

Frary Mfg. Co., Charlemon, Mass.

Gem Mfg. Co. (Wood Turning & Enamel-  
 ing Div.), New Durham, N. H.

Gilbert A. & Sons (Newspaper Files, etc.),  
 Derby, Conn.

Hellenberg J. B. Co. (Ten Pins, Mauls &  
 Mallets, Indian Clubs, Dumb Bells,  
 Exercising Horizontal Bars & Trapeze  
 Bars, etc), Coldwater, Mich.

Hill Bros. & Co., Williamsburg, Mass.

Markham Mfg. Co., Plymouth, Mich.

Martin Leason, Richmond, N. H.

Mossman Jerome Estate, Fitchburg, Mass.

Novelty Turning Co. (& Enamels, Potato  
 Mashers, Rolling Pins, Chopping  
 Bowls, Toys, Furniture, Druggists'  
 Boxes, etc), Norway, Me.

Peirce W. E. & Co., Milford, N. H.

Peterson F. W. Co., 68 Thomas, New York  
*See adv index at end of book*

Peters', Jno. M. Sons (Handles, Towel  
 Racks, Rings, Curtain Fixtures, etc),  
 Blecker, N. Y.

Piqua Handle & Mfg. Co., P. O. Box 307,  
 Piqua, O.

Richardi & Bechtold (Kitchen, Dairy,  
 Bakery & Confectioners' Utensils),  
 Bellaire, Mich.

Russell Bros. & Estes Co., Farmington,  
 Me.

Sandusky Tool Co. (Croquet Balls, Indian  
 & Base Ball Clubs, Small Handles,  
 Mauls, Potato Mashers, Mallets, Bung  
 Starters, Chalk Line Reels, etc), San-  
 dusky, O.

Schutz Bros. Inc., 71 W B'way, New York

Sommer John Faucet Co. (Faucets, Mal-  
 lets, Rolling Pins, Reels, Mashers, Air  
 Vents, etc), 355 Central av, Newark,  
 N. J.

South Bend Dowel Works, South Bend,  
 Ind.

Standard Turning Works, Cambridge,  
 Mass.

Stowell N. S. & Co. (Spools, Tool & Small  
 Handles, Boxes, etc), Dixfield, Me.

Stratton Mfg. Co., Stratton, Me.

Strock L. W. & Co., Bethlehem, Pa.

Tuttle E. N. & Co., Beverly, Mass.

Wausau Novelty Co., Wausau, Wis.

Western Box Co. (Druggists' Boxes, Lock  
 Corner Boxes, etc), 326 River, Chi-  
 cago, Ill.

Weston Paper & Mfg. Co. (Wood Pie  
 Plates & Dishes), Dayton, O.

Woodstock Mfg. Co. (Heavy Hardwood  
 for Shipbuilding & Locomotive Build-  
 ing, Textile Mills, etc), Charleston,  
 S. C.

### 17031—Wood Preservatives

See also Creosoting Works

American Mfg. Co. ("Creoseptine"), 114  
 Plymouth av, N. Minneapolis, Minn.

American Wood Preserving Co. ("Anti-  
 septine" for Structural Timber, etc),  
 1351 N Branch, Chicago, Ill.

Anthrol Wood Preserving Co. ("Barol"  
 Coppered Carbolineum), 264 Spring,  
 New York

Atlas Preservative Co., 95 Liberty, New  
 York

Barrett Co. (Creosote), 17 Battery pl, New  
 York

Bayway Chemical Co. (Creosote), Eliza-  
 beth, N. J.

Berlin Mills Co. (Kyanizing), Portland,  
 Me.

C-A-Wood Preserver Co. ("C-A-W"),  
 Wright bldg, St. Louis, Mo.

Cabot Sam'l (Inc.) ("Conservo"), 141 Milk,  
 Boston, Mass.



Carbolineum Wood Preserving Co. ("Avenarius Carbolineum"), Portland, Ore., Milwaukee, Wis., & 5 Nassau, New York  
 Dielectric Mfg. Co. ("Prenoleum"), 224 S Vandeventer av, St. Louis, Mo.  
**DU PONT CHEMICAL WORKS.** (Also Metal "Carpolene" Stain), 120 B'way, New York  
 Eppinger & Russell Co., 165 B'way, New York  
 Georgia Pine Turpentine Co. of N. Y., 158 Perry, New York  
 Grosche Bruno & Co., 90 Wall, New York  
 Indian Refining Co. ("Indian" Timber Asphalt), 44 Whitehall, New York  
 Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.  
 International Creosoting & Construction Co., Galveston, Tex.  
 Lincoln Gas & Electric Light Co. (Petrosote), Lincoln, Neb.  
 Menzel Wm. & Son ("Ligni Salvor" Imp.), 64 Broad, New York  
 Milwaukee Wood Preserving Co., Milwaukee, Wis.  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Northeastern Co. ("Letteney"), 6 Beacon, Boston, Mass.  
 Protectus Paint Co., North American bldg, Phila., Pa.  
 Reeves Co. ("Lone Star"), 805 Howard av, New Orleans, La.  
 St. Paul White Lead & Oil Co. ("Kre-O-Sep-Tic"), Water & Starkey, St. Paul, Minn.  
 Sonneborn L. Sons ("Amalie," "Karbol"), 262 Pearl, New York  
 Spiritine Chemical Co., Wilmington, N. C.  
 Suydam M. B. Co., 61st & Butler, Pittsburgh, Pa.  
 Tereido Proof Paint Co. ("Kennon's" Tereido-Proof Paint), Produce Exchange, New York  
 Texas Co., 17 Battery pl, New York  
 U. S. Wood Preserving Co., 165 B'way, New York

### Wood Preserving

See Creosoting Works

### 17032— Wood Pulp Mfrs.

Bulkley, Dunton & Co. (Imp.), 75 Duane, New York  
**du PONT E. I. de NEMOURS & CO.** (World's largest Manufacturer. For Mfrs. of Explosives, Linoleum, Oil Cloth and Wall Paper), Wilmington, Del.  
*For branch offices see adv index at end of book*  
**HERCULES POWDER CO.,** Wilmington, Del. *See adv index at end of book*  
 Smith C. A. Lumber Co., Oakland, Cal.  
 Stromberg Oscar (Imp.), 154 Nassau, New York  
 Union Bag & Paper Corp. (Ground), Woolworth bldg, New York

### 17033—Wood (Spool, Bobbin, Etc.)

Danforth Eugene, Bangor, Me.  
 Stephenson Mfg. Co., South Bend, Ind.

### 17034-5— Wood Stains

Acme White Lead & Color Works, Detroit, Mich.  
 Adams & Elting Co. ("Ad-el-ite"), 726 Washington blvd, Chicago, Ill.  
 Allentown Mfg. Co., Allentown, Pa.  
 American Wood Preserving Co. ("Antiseptine" for Interior or Exterior), 1351 N Branch, Chicago, Ill.  
 Armstrong Paint & Varnish Works ("Verosene Finish"), 2502 S Paulina, Chicago, Ill.  
 Ashley T. C. & Co., Atlantic av, Boston, Mass.  
 Behlen H. & Bro., 371 Pearl, New York  
 Berry Bros., Detroit, Mich.  
 Billing-Chapin Co., Cleveland, O.  
 Bowers U. R. & Sons ("Afro-Lac"), Los Angeles, Cal.  
 Boydell Bros. White Lead & Color Co., Detroit, Mich.  
 Bridgeport Wood Finishing Co. (Oil, Water & Penetrating), New Milford, Conn.  
 Burdsal A. Co., Indianapolis, Ind.  
 Cabot Samuel (Inc.), 141 Milk, Boston, Mass.

Carpenter-Morton Co. ("Campbell"), 77 Sudbury, Boston, Mass.  
 Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
 Chicago White Lead & Oil Co. ("King's"), 1454 S Western av, Chicago, Ill.  
 Connors Wm. Paint Mfg. Co., Troy, N. Y.  
 Crest Chemical Co., Seattle, Wash.  
 Day James B. & Co., 214 W Ohio, Chicago, Ill.  
 Devoe & Reynolds Co. Inc. ("Devoe" Powder Stains), 101 Fulton, New York  
 Dexter Bros. Co., 105 Broad, Boston, Mass.  
 Eagle Paint & Varnish Co. (Also Oil & Varnish Stains), N S, Pittsburgh, Pa.  
 Felton, Sibley & Co., 136 N 4th, Phila., Pa.  
 Ford Mfg. Co. (Creosote), 2339 La Salle, Chicago, Ill.  
 Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, O.  
 Franche C. E. & Co., 440 Orleans, Chicago, Ill.  
 French Samuel H. & Co., 4th & Callowhill, Phila., Pa.  
 German American Stain Co., Grand Rapids, Mich.  
 Gerstendorfer Bros. ("Sapolin"), 221 E 42d, New York  
 Glidden Varnish Co. ("Glidden Endurance"), 1755 W Madison, Cleveland, O.  
 Harisons Inc., 35th & Gray's Ferry rd, Philadelphia, Pa.  
 Johnson S. C. & Son ("Johnson's" Dye), Racine, Wis.  
 King Paint Mfg. Co., 449 Kent av, Brooklyn, N. Y.  
 Kroeger Bros., 880 McKim, Baltimore, Md.  
 Lawrence McFadden Co., 1400 Frankfort, Phila., Pa.  
 Lucas John & Co., 322 Race, Phila., Pa.  
 McQuade John & Co., 134 Clawson av, Brooklyn, N. Y.  
 Marietta Paint & Color Co. ("Spartan"), Marietta, O.  
 Masury John W. & Son ("Nomar"), 50 Jay, Brooklyn, N. Y.  
 Moser Chas. Co. ("Lig-Lac"), Cincinnati, O.  
 Murphy Varnish Co. (Penetrating Oil), McWhorter, Newark, N. J.  
 Nevin T. H. Co., Island & Preble, Pittsburgh, Pa.  
 Nice Eugene E., 272 S 2d, Phila., Pa.  
*See adv index at end of book*  
 O'Brien Varnish Co., South Bend, Ind.  
 Patterson - Sargent Co. ("Monastery" Stains), Cleveland, O.  
 Pratt & Lambert, 185 Madison av, New York  
 Richmond Bros., 117 E 6th, Cincinnati, O.  
 St. Paul White Lead & Oil Co., Water & Starkey, St. Paul, Minn.  
 Schmidt Walter K. Co., Grand Rapids, Mich.  
 Sherwin-Williams Co., Cleveland, O.  
 Standard Varnish Works ("Kleartone"), 2589 Richmond ter., Elm Park, N. Y.  
 Thurston F. W. Co., 1832 S Clark, Chicago, Ill.  
 Wadsworth-Howland Co., 225 N Carpenter, Chicago, Ill.  
 Wadsworth-Howland & Co. ("Bay State"), 141 Federal, Boston, Mass.  
 Waterall Wm. & Co., Camden, N. J.  
 Whitehead Paint Co. ("Whitehead"), 1 Madison av, New York  
 Wilhelm A. Co., Reading, Pa.  
 Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.  
 Yarnall Paint Co. ("Y. B.", "Standard"), 1026 Race, Philadelphia, Pa.

### Wood Turned Goods, Etc.

See Wood Novelties, Turned, Etc.

### Wood Turned House sTrimming

See Columns, Porch, etc., Manufacturers; also Corner, Base & Head Block Manufacturers; also Grille, Fret & Lattice Work; also Mouldings, Various Kinds; also Ornaments, Wood; also Stair Builders' Supplies

### 17036—Wood Turning (Architectural)

American Wood Working Co., 4345 Wabansia av, Chicago, Ill.  
 American Wood Working Co., 19 Warren, New York  
 Angne Co., Cincinnati, O.  
 Batavia & New York Woodworking Co., Batavia, N. Y.  
 Blair H. Crawford, 40 Clifford, Providence, R. I.

Boynton & Co., 1725 Dickson, Chicago, Ill.  
 Buffalo Grille Co., 270 Court, Buffalo, N. Y.  
 Central Wood Turning Co., 610 N E Main, Minneapolis, Minn.  
 Clark G. A. Co. (House Turnings, etc), Sidney, N. Y.  
 Cullen & Vaughn Co., 450 Dayton, Hamilton, O.  
 Dickey A. & Co., 37 Bristol, Boston, Mass.  
 Estes E. B. & Sons, 358 5th av, New York  
*See adv index at end of book*  
 Foster-Munger Co. (For the Trade Only), 1404 W 37th, Chicago, Ill.  
 Gass John H., 601 Sackett, Brooklyn, N. Y.  
 Hillerich J. F. & Sons Co., Louisville, Ky.  
 Lovejoy Planing Mill Co., Kansas City, Mo.  
 Mitchell Robt. Furniture Co., 616 Race, Cincinnati, O.  
 New York Carved Moulding Co., 3d av & 139th, New York  
 New York Wood Working Corp., 502 E 19th, New York  
 Peirce W. E. & Co., Milford, N. H.  
 Pinches Jno. & Sons, New Britain, Conn.  
 Root C. R., Hartford, Conn.  
 Ohio Scroll & Lumber Co. (Inc.), Covington, Ky.  
 Sanders Bros. Mfg. Co., Ottawa, Ill.  
 Schaefer Louis, 1444 W 21st, Chicago, Ill.  
**STEARNS A. T. LUMBER CO.,** 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book*  
 Stephenson Mfg. Co., South Bend, Ind.

### 17037—Wood Turning & Enameling

American Enamel Co., Providence, R. I.  
 Baker McMillen Co., Akron, O.  
 Bogert & Hopper, 67 Barclay, New York  
 Brown Enamel Works, Fitchburg, Mass.

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 Mossman Jerome Estate, Fitchburg, Mass.  
 Novelty Turning Co., Norway, Me.  
**PETERSON F. W. CO.,** 68 Thomas, New York  
*See adv index at end of book*  
 Providence Enamel Co., 456 Fountain, Providence, R. I.  
 Schutz Bros., 71 W B'way, New York  
 Stratton Mfg. Co., Stratton, Me.  
 Sun Enamel Works (Also Japanning), Leominster, Mass.

### 17038—Wood Turnings (Automatic)

American Enamel Co. (Artistic & Novelty, Small Turned Woodwork), Providence, R. I.  
 Bliss R. Mfg. Co. (J. H. O'Neil, Jr., successor), Pawtucket, R. I.  
*See adv index at end of book*  
 Bogert & Hopper, 67 Barclay, New York  
 Boynton & Co., 1725 Dickson, Chicago, Ill.  
**ESTES E. B. & SONS** (Piano, Back Knife, Enameled, Fancy, Fireworks, Furniture, Artistic Novelty Wood), 358 5th av, New York  
*See adv index at end of book*  
 Frary Spool Co. (Small), Berlin, N. Y.  
 Frost Geo. T. & Sons, Paterson, N. J.  
 Kohaut John C., 114 N. J. R. R. av, Newark, N. J.  
 Nashua Spool & Bobbin Co. (Lignum Vitae, etc), Grove Hall Station, Boston, Mass.  
 New York Carved Moulding Co., 3d av & 139th, New York  
 Peirce W. E. & Co., Milford, N. H.  
 Peterson F. W. Co., 68 Thomas, New York  
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 Prouty C. & Co., Eldred, Pa.  
 Rowe Henry Mfg. Co. (Handles, Draw Pulls, Balls, Spindles, etc), Newago, Mich.  
 Schutz Bros. Inc., 71 W B'way, New York  
 South Bend Dowel Works, South Bend, Ind.



Stephenson Mfg. Co., South Bend, Ind.  
Stratton D. A. Co., Atlantic Mine, Mich.  
Stratton Mfg. Co., Stratton, Me.  
Tebbets E. L. Spool Co. (Variety Turnings), Locke Mills, Me.  
Thayer Geo. A., Watson, Mass.  
Weber Chas., 234 Ionic, Phila., Pa.

### 17039—Wood Turnings (Electrical)

See also Woodwork, Electrical

American Enamel Co. (Also Enameled Turnings), Providence, R. I.  
American Wood Working Co., 4345 Wabansia av., Chicago, Ill.  
Bogert & Hopper, 67 Barclay, New York  
Cullen & Vaughn Co., 450 Dayton, Hamilton, O.  
**ESTES E. B. & SONS**, 358 5th av., New York  
*See adv index at end of book*  
Gallup Ruffing Handle Co., Norwalk, O.  
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.  
New York Carved Moulding Co., 3d av & 139th, New York  
Novelty Turning Co. (Handles, Knobs, Button & Cord Adjusters, etc), Norway, Me.  
Stephenson Mfg. Co., South Bend, Ind.  
Stratton Mfg. Co., Stratton, Me.  
Thayer Geo. A., Watson, Mass.

### Wood Turnings (Rope & Spiral)

See Mouldings, Various Kinds

### 17040—Wood Wool

Berry O. P. Co., Wolfsboro Falls, N. H.  
Detroit Excelsior Works, 2116 Russell, Detroit, Mich.  
Du Pree Mfg. Co., Atlanta, Ga.  
Morris-Jones-Brown Mfg. Co., Dubuque, Ia.  
Oshkosh Excelsior Mfg. Co., Oshkosh, Wis.

### 17041—Woodenware & Novelties Mfrs.

See also Wood Novelties, Turned, etc.

Anderson Box & Basket Co. (Boxes & Baskets), Henderson, Ky.  
Ault Wooden Ware Co., Cincinnati, O.  
Belding-Hall Co. (Stove Boards, etc), Belding, Mich.  
Bennett Mfg. Co. ("Kitchen" Ware, Sugar Boxes, etc), Portland, Me.  
Bliss Mfg. Co. (Woodenware, Mop Sticks, etc), Bliss, N. Y.  
Bousfield & Co. (Pails, Tubs & Packages), Bay City, Mich.  
Cassady Fairbank Mfg. Co., 6126 So La Salle, Chicago, Ill.  
Chapman-Sargent Co. (For Kitchen, Bakery, etc), Perrysburg, O.  
Cullen & Vaughan Co., Hamilton, O.  
Cummer Mfg. Co. (Woodenware, etc), Cadillac, Mich.  
Cupples Samuel Woodenware Co., 7th & Spruce, St. Louis, Mo.  
Eagle Woodenware Mfg. Co., Hamilton, O.  
**ESTES E. B. & SONS**, 358 5th av., New York  
*See adv index at end of book*  
Fuller L. A., Marlboro Depot, N. H.  
Gem Mfg. Co. (Wood Turning & Enameling Div.), New Durham, N. H.  
Geneva Mfg. Co. (Specialties), Geneva, Ill.  
Guilford Mfg. Co., Guilford, Me.  
Handy Things Mfg. Co., Ludington, Mich.  
King Mfg. Co., Piqua, O.  
Law Ernest & Co (Wooden Tent Poles & Pins), Harrison bldg, Phila., Pa.  
Martin Leason (Chair Stock, Pails, etc), Richmond, N. H.  
Menasha Woodenware Co., Menasha, Wis.  
Merrill Woodenware Co., Merrill, Wis.  
Oval Wood Dish Co. (Dishess, etc), Delta, O.  
Richardi & Bechtold, Bellaire, Mich.  
Richmond Cedar Works, Fulton, Richmond, Va.

Stratton Mfg. Co., Stratton, Me.  
Udell Works (House Furnishing & Kitchen Woodenware), Indianapolis, Ind.  
Washington Broom & Woodenware Co., Seattle, Wash.

### 17041a—\*Woods (Fancy)

Estes E. B. & Sons (Harmonica, Parcel Carrier), 358 5th av., New York  
*See adv index at end of book*

### 17041b—\*Woods (Pailbail)

Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

### Woodwork (Architectural & Interior)

See Interior Hardwood Work; also Sash, Door & Blind Mfrs.

### 17042—\*Woodwork (Electrical)

See also Telephone Cabinet Work; also Wood Turnings Electrical; also Mouldings, Electric Wiring  
Estes E. B. & Sons, 358 5th av., New York  
*See adv index at end of book*

### 17043—Wool Carbonizers

Merrimac Chemical Co., 148 State, Boston, Mass.

### 17044—Wool Wadding

Bacon Felt Co. ("Bacon"), Winchester, Mass.  
Eastern Felt Co. (For Sleeping Bags), Winchester, Mass.  
Evans & Co. ("Hygiene"), Lockport, N. Y.

### 17045—Wools (Scoured & Pulled Grease)

Wilson & Co., 41st & Ashland av Chicago, Ill.

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Thompson & Norris Co., Concord & Prince, Brooklyn, N. Y.

### 17047—Wrappers (Coin)

Detroit Coin Wrapper Co. ("Detroit," Made of Heavy Pressed Paper), Detroit, Mich.  
Eastern Pin Ticket & Tag Co., Perkasio, Pa.  
Eisler Anthony & Co., 227 Canal, New York  
Universal Printing Co., Erie, Pa.

### 17048-9—Wrappers (Conduit Joint)

Phila. Electrical & Mfg. Co. ("Phila."), 1236 N 31st, Phila., Pa.

### 17050—Wrappers (Excelsior)

**BOSTON EXCELSIOR CO.**, 26 Canal, Boston, Mass.  
Excelsior Wrapper Co., Grand Rapids, Mich.

### Wrecking (Building)

See Building Materials, Second-Hand.

### 17051—Wrenches (Adjustable)

Anderson Wrench Co. ("Turnmore"), Portland, Conn.  
Barcalo Mfg. Co., 225 Louisiana, Buffalo, N. Y.  
Barnes Tool Co., New Haven, Conn.

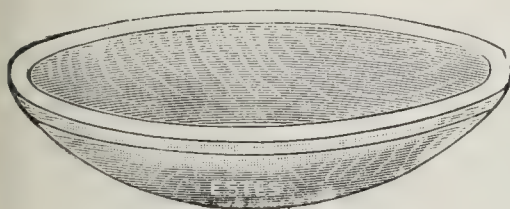
Bayer Steam Soot Blower Co., St. Louis, Mo.  
Bemis & Call Hardware & Tool Co. (S. Nut & S. Pipe) Springfield, Mass.  
Bergman Tool Mfg. Co. ("Queen City"), Buffalo, N. Y.  
Billings & Spencer Co. ("Billings"), Hartford, Conn.  
Boston Wrench Co. ("Boston Auto" Automatic Self-Adjusting), 31 State, Boston, Mass.  
Bullock Mfg. Associates ("Bullock"), Springfield, Mass.  
Corry Wrench Co., Corry, Pa.  
Craftsman Tool Co. ("Craft" Self Adjusting), Conneaut, O.  
Crescent Tool Co. ("Crescent" Drop Forged), 200 Harrison, Jamestown, N. Y.  
Cronk & Carrier Mfg. Co., Elmira, N. Y.  
Erie Tool Works, Erie, Pa.  
Goodell-Pratt Co. (Aluminum Handles), Greenfield, Mass.  
Greene, Tweed Co. ("Baxter"), 109 Duane, New York  
**GREENFIELD TAP & DIE CORP'N** ("G. T. D." Adjustable Tap & Reamer), Greenfield, Mass.  
*See adv index at end of book*  
Herbrand Co., Fremont, O.  
Hjorth Wm. & Co., Jamestown, N. Y.  
Imperial Tool Co., Bloomington, Ill.  
Keystone Mfg. Co. ("Westcott S." & "Keystone" Straight Handle), Buffalo, N. Y.  
Kilborn & Bishop Co. ("K. & B." Drop Forged), New Haven, Conn.  
McKaig Drop Forge Co. (Drop Forge), Buffalo, N. Y.  
Marvel Accessories Mfg. Co., Marvel bldg, Cleveland, O.  
Monte Wrench Co., Shelbyville, Ind.  
Mossberg Frank Co. ("Sterling," "Diamond," "Alderman," "National," "A," "F," "K," "X," "Mossberg 74" & "Mossberg 76," "Junior"), Attleboro, Mass.

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Scholler Mfg. Co., 45 N Division, Buffalo, N. Y.  
Smith H. D. & Co. ("S" Drop Forged), Plantsville, Conn.  
Star Mfg. Co. ("Elgin"), Carpentersville, Ill.  
Superior Tool Co. ("Du Charmé"), Cambridge, O.  
Vlchek Tool Co. ("Vlchek"), 10711 Quincy av., Cleveland, O.  
Wakefield Clarence E., Worcester, Mass.  
Walworth Mfg. Co. ("Hex"), 798 1st, Boston, Mass.  
Welch T. F. Co. (Adjustable Tap), 55 Sudbury, Boston, Mass.  
West Haven Mfg. Co. (Combination Plier & Adjustable Wrench), West Haven, Conn.  
**WHITMAN & BARNES MFG. CO.** (Railroad Special All Steel Monkey), Akron, O. *See adv index at end of book*



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**Wrenches (Adjustable "S")**

See Wrenches, "S"

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 Corry Wrench Co., Corry, Pa.  
 Girard Wrench Mfg. Co. ("Girard" Forged), Girard, Pa.  
 Lakeside Forge Co., Erie, Pa.  
 Lamson & Sessions Co., Cleveland, O.  
 Union Hardware Co., Torrington, Conn.  
 Whitely Malleable Castings Co., Muncie, Ind.  
 Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

**17053—Wrenches (Alligator)**

See Also Wrenches, Always Ready

Atwater Mfg. Co. (Drop Forged), Southington, Conn.

**BONNEY VISE & TOOL WORKS**, Allentown, Pa. *See adv index at end of book*  
 Forsyth Metal Goods Co., E. Aurora, N. Y.  
 Harris & Reed ("Sawvian"), 1500 W 15th, Chicago, Ill.

Hawkeye Wrench Co. (Combination), Marshalltown, Ia.

Kraeuter & Co. ("Victor"), 571 18th av, Newark, N. J.

**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.

*See adv index at end of book*

S. & I. Co. ("S. & I." Universal), Springfield, Mass.

Vaughan & Bushnell Mfg. Co. ("V. & B. Handy"), 2114 Carroll av, Chicago, Ill.

Whitman & Barnes Mfg. Co. ("Bull-Dog"), Akron, O. *See adv index at end of book*

**17053a—\*Wrenches (All Kinds)**

Roe & Conover, 206 Frelinghuysen av, Newark, N. J.

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Bayer Steam Soot Blower Co., St. Louis, Mo.

Bonney Vise & Tool Works, Allentown, Pa.

*See adv index at end of book*

Forsyth Metal Goods Co., E. Aurora, N. Y.  
 Harris & Reed ("Sawvian"), 1500 W 15th, Chicago, Ill.

Hawkeye Wrench Co. ("Superior"), Marshalltown, Ia.

Oswego Tool Co. ("Ever Ready"), Oswego, N. Y.

Vaughan & Bushnell Mfg. Co., 2114 Carroll av., Chicago, Ill.

Vlchek Tool Co. ("Vlchek"), 10711 Quincy, av, Cleveland, O.

Wells F. E. & Son Co., Greenfield, Mass.

Whitman & Barnes Mfg. Co., Akron, O.

*See adv index at end of book***17055—Wrenches (Automobile)**

Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.

Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.

Barcalo Mfg. Co., Buffalo, N. Y.

Bayer Steam Soot Blower Co., St. Louis, Mo.

Bemis & Call Hardware & Tool Co. ("Auto"), Springfield, Mass.

Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.

Boston Wrench Co. ("Boston-Auto"), 31 State, Boston, Mass.

Cincinnati Tool Co. (Combination), Norwood, Cincinnati, O.

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**COES WRENCH CO.** ("Star 91"), Coes sq, Worcester, Mass.

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Crescent Tool Co., 200 Harrison, Jamestown, N. Y.

Erie Tool Works, Erie, Pa.

Essex Supply Co., 54 Polk, Newark, N. J.

Globe Machine & Stamping Co., 1250 W 76th, Cleveland, O.

Goodell-Pratt Co. (Rim), Greenfield, Mass.

Harris & Reed (Stamped Steel), 1500 W 15th, Chicago, Ill.

Hill Pump Valve Co. ("Utility"), Archer av, Canal & 23d, Chicago, Ill.

Hill-Smith Metal Goods Co., 88 Pearl, Boston, Mass.

Improved Gauge Mfg. Co. ("Ford"), 320 West Water, Syracuse, N. Y.

Lakeside Forge Co., Erie, Pa.

McKaig Drop Forge Co., Buffalo, N. Y.

Mechanical Specialties Co., 122 S Michigan av, Chicago, Ill.

Marvel Accessories Mfg. Co., Marvel bldg, Cleveland, O.

Mossberg Frank Co. ("Auto Cle" Adjustable Socket Heavy Type & End Opening Engineers, Ratchet Socket), Attleboro, Mass.

Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

Oakes Co., The, Indianapolis, Ind.

Oswego Tool Co. ("Stillson" Pattern), Oswego, N. Y.

Pedersen Mfg. Co. ("Ferret"), 636 1st av, New York

Ronson Specialty Co. ("Ronson," Nine in One), 7 Mulberry, Newark, N. J.

**STARRETT L. S. CO.**, Athol, Mass.

*See adv index at end of book*

Thomson Drop Forge Co., Plantsville, Conn.

Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.

Vlchek Tool Co. ("Vlchek" Also in Sets), 10711 Quincy av, Cleveland, O.

Wakefield Clarence E., Worcester, Mass.

Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.

Whitely Malleable Castings Co., Muncie, Ind.

Whitman & Barnes Mfg. Co. ("W. & B."), Akron, O. *See adv index at end of book*

Williams J. H. & Co. (In Sets, Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**17056— Wrenches (Basin)**

B. & B. Mfg. Co., Cleveland, O.

Famous Mfg. Co., Grand Rapids, Mich.

Glauber M. & Co., 103 Varick, New York

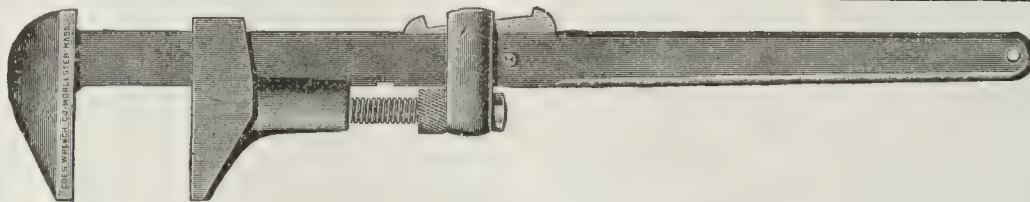
Johnson Wm. (Hedenberg Works "Buzzell's"), Newark, N. J.

Sayre L. A. Co., 332 Mulberry, Newark, N. J.

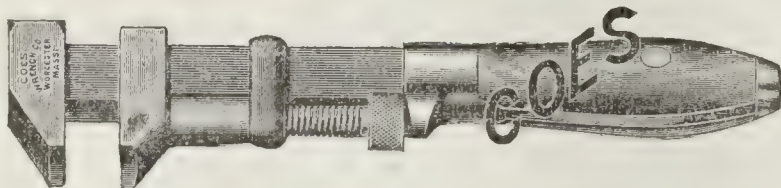
Starbuck R. M. & Sons, Hartford, Conn.

Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.

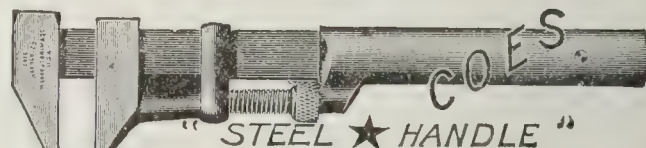
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Barcalo Mfg. Co., Buffalo, N. Y.  
Barnes Tool Co. New Haven, Conn.  
Billings & Spencer Co. ("Billings"), Hartford, Conn.  
Bonney Vise & Tool Works ("Monkey"), Allentown, Pa.  
*See adv index at end of book*  
Girard Wrench Mfg. Co. ("Girard" Forged), Girard, Pa.  
Herbrand Co., Fremont, O.  
Lamson & Sessions Co. (Case Hardened Steel Screw Wood Handle; also the "Buckeye"), 2188 Scranton rd., S W, Cleveland, O.  
Lowentraut P. Mfg. Co., 36 Brenner Newark, N. J.  
Mossberg Frank Co. ("Sterling No. 1," "Mossberg 74" & Junior 1"), Attleboro, Mass.  
Mossberg Wrench Co. Central Falls, R. I.  
Niagara Falls Metal Stamping Works ("Niagara Vespokitrenchiz"), Niagara Falls, N. Y.  
Page Storms Drop Forge Co., Chicopee, Mass.  
Peck, Stow & Wilcox Co., Southington, Conn.  
Smith Thomas Co., Worcester, Mass.  
Star Mfg. Co., Carpentersville, Ill.  
Vlichek Tool Co. ("Vlichek"), 10711 Quincy av, Cleveland, O.  
Wakefield Clarence E., Worcester, Mass.  
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

#### Wrenches (Bit Brace)

*See Wrenches, Brace Socket*

### 17058—Wrenches (Box)

Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.  
Page Storms Drop Forge Co., Chicopee, Mass.  
Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*  
Williams J. H. & Co. (Hexagon & Square, Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

### 17059—Wrenches (Brace Socket)

Braunsdorf-Mueller Co., Elizabeth, N. J.  
Cincinnati Tool Co., Norwood, Cincinnati, Ohio. *See adv index at end of book*  
**GREENFIELD TAP & DIE CORP'N** ("G. T. D." for Nuts), Greenfield, Mass. *See adv index at end of book*  
Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.  
Wells F. E. & Son Co. ("Hercules"), Greenfield, Mass.

### 17060—Wrenches (Brass & Nickel Pipe)

*See also Wrenches, Pipe*

Belden Machine Co. ("Hayden"), New Haven, Conn.  
Bernz Otto, 21 Ashland av, Newark, N. J.  
Haydenville Co. ("Hayden"), Haydenville, Mass.  
Parmelee Wrench Co., 2515 W Monroe, Chicago, Ill.  
Reed Mfg. Co., Erie, Pa.  
Starbuck R. M. & Sons, Hartford, Conn.  
Wakefield Clarence E., Worcester, Mass.  
Walworth Mfg. Co. ("Walworth-Parmeler"), Boston, Mass.  
Warnock Mfg. Co. ("Warnock," "Warnock Simplex"), 54 Commercial, Worcester, Mass.  
Wolverine Brass Works, Grand Rapids, Mich.

### 17061—Wrenches (Bridge Builders)

Atha Tool Co. (Fitters), Chapel, Newark, N. J.  
Cleveland Punch & Shear Works Co., 3921 St. Clair av, N E, Cleveland, Ohio  
**LOWELL WRENCH CO.** ("Old Style" & "Steel Socket" "Reversible Ratchet"), 54 Commercial, Worcester, Mass.  
*See adv index at end of book*  
Mossberg Frank Co. ("Heavy Duty" Set 19 & 20), Attleboro, Mass.

### 17062—Wrenches (Car Builders)

Advance Car Mover Co., Appleton, Wis.  
Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.  
Lakeside Forge Co., Erie, Pa.  
Page Storms Drop Forge Co., Chicopee, Mass.  
Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*  
Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

### 17063—Wrenches (Car Hopper)

Hess Steel Casting Co. (Automatic Safety), Bridgeton, N. J.  
Safety Hopper Car Wrench Co., Harrison bldg, Phila., Pa.

### 17064—Wrenches (Carriage & Tire Bolt)

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Custer W. F. & Son ("Handy" Tire Bolter), Summitville, Ind.  
Stanley Rule & Level Co. ("O. K." Tire Bolt), New Britain, Conn.  
Walden-Worcester, Inc. ("Walden-Worcester"), Worcester, Mass.

### 17065—Wrenches (Carriage & Wagon)

Bayer Steam Soot Blower Co., St. Louis, Mo.  
Harvey Spring & Forging Co., Racine, Wis.  
Joy Samuel S., Rockingham, N. H.  
Mason F. C. & Co., St. Johns, Mich.  
Millers Falls Co. (Malleable Iron, Adjustable), 28 Warren, New York  
Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.  
Stowell Co., The, South Milwaukee, Wis.  
Union Malleable Iron Co., East Moline, Ill.

### 17066—Wrenches (Chain)

Benedict Wrench Co. ("Benedict"), 143 W Austin, Chicago, Ill.  
Bonner Tool Co. ("Victor" Reversible), Champaign, Ill.  
Brock Wrench Mfg. Co. ("New Standard," Drop Forged), 38 Vesey, New York  
Drop Forging Co. of New York ("Spartan"), 301 West Side av, Jersey City, N. J.  
Gealy Wrench & Mfg. Co. ("Gealy," Chain Tong Pipe), Grove City, Pa.  
Greene, Tweed & Co. ("Champion"), 109 Duane, New York  
Hilts Wrench & Mfg. Co. (Adjustable Pipe), Richford, N. Y.  
Kroeschel Bros. Co. ("Ideal"), 440 W Erie, Chicago, Ill.  
**NASON MFG. CO.**, 71 Fulton, New York  
*See adv index at end of book*  
Robbins, Gamwell & Co. ("Robbins"), Pittsfield, Mass.  
Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.  
Williams J. H. & Co. ("Vulcan," "Agrippa," Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

### 17067—Wrenches (Chuck)

Billings & Spencer Co. ("B & S" Drop Forged), Hartford, Conn.  
Lakeside Forge Co. (Drop Forged), Erie, Pa.  
Morse Twist Drill & Machine Co. (For Chucks), New Bedford, Mass.  
Page Storms Drop Forge Co., Chicopee, Mass.

### 17068—Wrenches (Combination)

Bemis & Call Hardware & Tool Co. (Pipe & Nut), Springfield, Mass.

Bonney Vise & Tool Works ("Bonney Combination," "Vixen" Nut & Pipe), Allentown, Pa.

*See adv index at end of book*

Cronk & Carter Mfg. Co., Elmira, N. Y.  
Dudley Tool Co., Menominee, Mich.  
Hawkeye Wrench Co. (Crocodile), Marshalltown, Ia.  
Monte Wrench Co., Shelbyville, Ind.  
Morse A. J. & Son (Hydrant), 221 High, Boston, Mass.  
Niagara Falls Metal Stamping Works (Ten Tool in One), Niagara Falls, N. Y.  
Stortz Jno. & Son, 210 Vine, Phila., Pa.  
Union Hardware Co. ("Tower's" Pipe & Nut), Torrington, Conn.  
Whitman & Barnes Mfg. Co. ("W & B"), Akron, O. *See adv index at end of book*

#### Wrenches (Crocodile)

*See Wrenches, Alligator*

### 17069—Wrenches (Dog)

Le Count Wm. G. (Steel), South Norwalk, Conn.  
Trimont Mfg. Co., Amory av, Roxbury, Boston, Mass.

### 17070—Wrenches (Drop Forged)

Allen Wrench & Tool Co. (Pipe, Ratchet & Socket), 754 Eddy, Providence, R. I.  
*See adv index at end of book*  
Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.  
Barcalo Mfg. Co., Buffalo, N. Y.  
Bayer Steam Soot Blower Co., St. Louis, Mo.  
Bemis & Call Hardware & Tool Co., (Adjustable "S," Pipe, Nut & Screw), Springfield, Mass.  
Billings & Spencer Co., Hartford, Conn.  
**BONNEY VISE & TOOL WORKS (Engineers)**, Allentown, Pa.  
*See adv index at end of book*

Brock Wrench Mfg. Co., 38 Vesey, New York  
Brown R. H. & Co., New Haven, Conn.  
Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.  
Canton Drop Forging & Mfg. Co., Canton, O.  
Eccles Richard Co., Auburn, N. Y.  
Girard Wrench Mfg. Co. ("Girard"), Girard.  
Harbison Mfg. Co., Kansas City, Mo.  
Hawkeye Wrench Co., Marshalltown, Ia.  
Herbrand Co., Fremont, Ohio  
Hjorth Wm. & Co., Jamestown, N. Y.  
Indianapolis Drop Forging Co., Indianapolis, Ind.

Keystone Drop Forge Works, Chester, Pa.  
Kilborn & Bishop Co. (Pipe), New Haven, Conn.  
Lakeside Forge Co., Erie, Pa.  
Le Count William G., South Norwalk, Conn.

McKaig Drop Forge Co., Buffalo, N. Y.  
Page Storms Drop Forge Co., Chicopee, Mass.  
Pittsburgh Knife & Forge Co., 709 Belmont, Pittsburgh, Pa.

Rhode Island Tool Co., Providence, R. I.  
Richards-Wilcox Mfg. Co. ("Wizard"), Aurora, Ill.  
Robinson M. W. Co. ("Carll," Nut & Pipe), Bush Terminal, Brooklyn, N. Y.  
**ROEBLING'S JOHN A. SONS CO.**, Main Office, Trenton, N. J. Works: Trenton & Roebing, N. J.  
*See adv index at end of book*

Thomson Drop Forge Co., Plantsville, Conn.

Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.  
Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.

Vlichek Tool Co. ("Vlichek"), 10711 Quincy av, Cleveland, O.  
Wells F. E. & Son Co., Greenfield, Mass.  
Western Tool & Forge Co., Brackenridge, Pa.

Whitaker Mfg. Co. (Steel), 409 S Green, Chicago, Ill.

#### WHITMAN & BARNES MFG. CO.

Akron, O. *See adv index at end of book*  
Williams J. H. & Co., 156 Hamilton av, Brooklyn, N. Y.

### 17071—Wrenches (Engineers' & Machinists')

**SCREW & MONKEY PATTERN**

Athol Machine Co. ("Rapid Transit"), Athol, Mass.



Barcalo Mfg. Co., Buffalo, N. Y.  
 Bayer Steam Soot Blower Co., St. Louis, Mo.  
 Beckley-Ralston Co., 1801 S Mich av, Chicago, Ill.  
 Bemis & Call Hardware & Tool Co. ("Briggs," "Merrick," Pattern), Springfield, Mass.  
 Bonner Tool Co. ("Victor" Drop Forged), Champaign, Ill.  
 Bonney Vise & Tool Works (Thin Wrenches, Drop Forged), Allentown, Pa. *See adv index at end of book*  
 Bridgeport Hdwe. Mfg. Corp. ("Ready Grip"), Bridgeport, Conn.  
 Brock Wrench Mfg. Co. ("I. X. Lf" Nut & Engineers), 38 Vesey, New York  
 Chester Steel Castings Co., Chester, Pa.  
**COES WRENCH CO.** ("Coesh"), Coes sq, Worcester, Mass.  
*See adv index at end of book*  
 Collins Co., Collinsville, Conn.  
 Corry Wrench Co., Corry, Pa.  
 Crescent Tool Co. ("Crescent" Drop Forged Adjustable Engines), 200 Harrison, Jamestown, N. Y.  
 Dudley Tool Co., Menominee, Mich.  
 Erie Tool Works, Erie, Pa.  
 Girard Wrench Mfg. Co. ("Girard" Forged Monkey), Girard, Pa.  
 Hawkeye Wrench Co. ("Hawkeye"), Marshalltown, Ia.  
 Helwig Mfg. Co. ("Helwig"), St. Paul, Minn.  
 Herbrand Co., Fremont, O.  
 Hilt's Wrench & Mfg. Co. ("Hilts" Adjustable Drop Forged), Richford, N. Y.  
 Hjorth Wm. Co., Jamestown, N. Y.  
 Joy A. P., Rockingham, N. H.  
 Kilborn & Bishop Co. ("Saxon," "Terrier"), New Haven, Conn.  
 Lamson & Sessions Co. ("Canfield" Case Hardened Screw), Cleveland, O.  
**LOWELL WRENCH CO.** ("Lowell" Reversible Ratchet), 54 Commercial, Worcester, Mass.  
*See adv index at end of book*  
 Lutz-Webster Engineering Co. ("Lutz"), 3103 Gray's Ferry av, Phila., Pa.  
 Mason F. C. & Co. ("Mason"), St. Johns, Mich.  
 Monte Wrench Co. ("Monte" Wood Handle), Shelbyville, Ind.  
 Mossberg Frank Co. ("Thin Model" Pressed Steel Engineers, Single & Double End Type), Attleboro, Mass.  
 Mossberg Wrench Co., Central Falls, R. I.  
 Oliver Mfg. Co., 326 S Desplaines, Chicago, Ill.  
 Peck, Stow & Wilcox Co. ("P. S. & W." Solid Handle), Southington, Conn.  
 Pratt Wm. E. Mfg. Co. ("Superior"), 35 W Lake, Chicago, Ill.  
 Ronson Specialty Co., 7 Mulberry, Newark, N. J.  
 S. & I. Co. ("S. & I" Pressed Steel, Double End), Springfield, Mass.  
 Smith H. D. & Co. ("Perfect Handle," Drop Forged), Plantsville, Conn.  
 Syracuse Wrench Co., Syracuse, N. Y.  
 Trimont Mfg. Co. ("Trimo"), Amory av, Roxbury, Boston, Mass.  
 Union Hardware Co., Torrington, Conn.  
 Uwanta Wrench Co., Meadville, Pa.  
 Vlcek Tool Co. ("Vlcek," Single & Double Head), 10711 Quincy av, Cleveland, O.

Wakefield Clarence E., Worcester, Mass.  
 Whitely Malleable Castings Co., Muncie, Ind.  
**WHITMAN & BARNES MFG. CO.** ("Railroad Special," All Steel, Screw, Knife Handle; also Check Nut), Akron, O.  
*See adv index at end of book*  
 Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

### 17072—Wrenches (Fixture)

Superior Tool Co. ("Du Charme"), Cambridge, O.  
 Yost Electric Mfg. Co. ("Falcon"), Toledo, Ohio

### 17073—Wrenches (Flange)

Nye Tool & Machine Works (Ratchet), 103 N Jefferson, Chicago, Ill.  
 Strong, Carlisle & Hammond Co. ("Strong Utility"), 336 Frankfort av N W, Cleveland, O.

### 17073a—\*Wrenches for Gas & Steam Cocks)

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

### 17074—Wrenches for Underground Valves

Darling Pump & Mfg. Co., Williamsport, Pa.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.

### 17075—Wrenches (Fruit Jar)

Arcade Mfg. Co. ("Little Giant"), Freeport, Ill.  
 Buckeye Mfg. Co., Canton, O.  
 Cassidy Fairbank Mfg. Co. ("Berthoud," "Cinch," "Grip"), 6126 S La Salle, Chicago, Ill.  
 Forbes Benj. P. Co. ("Triumph"), Cleveland, O.  
 Glenny Wm. Glass Co. ("Glenny"), 10 W Commerce, Cincinnati, O.  
 Kobler Die & Specialty Co., De Kalb, Ill.  
 Parker Wire Goods Co., Worcester, Mass.  
 S. & I. Co. ("Lightning," "Mason," Opener & Sealer), Springfield, Mass.  
 Wolverine Supply & Mfg. Co. ("Little Giant" Holder & Opener), Page & Tontella, Pittsburgh, Pa.

### 17076—Wrenches (Gas Cock)

Malleable Iron Fittings Co. ("M. I. F. Co."), Branford, Conn.

### 17077—\*Wrenches (Hammer Handle)

**COES WRENCH CO.** ("Hammer Handle"), Coes sq, Worcester, Mass.  
*See adv index at end of book*

### 17078—Wrenches (Hose)

Allen W. D. Mfg. Co. (Tabor"), 570 W Lake, Chicago, Ill.

### 17079—Wrenches (Hydrant)

Berry Chas. E. ("Hopkins" Plain & Adjustable), Somerville, Mass.  
 Morse A. J. & Son, 221 High, Boston, Mass.

### 17080—\*Wrenches (Key Adjusting)

**COES WRENCH CO.**, Coes sq, Worcester, Mass.  
*See adv index at end of book*

### 17081—Wrenches (Knife Handle)

**COES WRENCH CO.** ("Knife-Handle"), Coes sq, Worcester, Mass.  
*See adv index at end of book*

### 17082-3—Wrenches (Lag Screw)

Dicke Tool Co.; Downers Grove, Ill.  
 Klein Mathias & Sons, 562 W Van Buren, Chicago, Ill.  
**LOWELL WRENCH CO.** ("Lag Screw" Reversible Ratchet), 54 Commercial, Worcester, Mass.  
**SMITH & HEMENWAY CO.** ("Red Devil," Drop Forged Lag Screw & Bolt), 76 Chambers, New York  
*See adv index at end of book*

### 17084—\*Wrenches (Lock Jaw)

**JEFFREY MFG. CO.**, 961 N Fourth, Columbus, O.  
*See adv index at end of book*

### 17085—Wrenches (Locomotive)

Whitman & Barnes Mfg. Co., Akron, O.  
*See adv index at end of book*

### Wrenches (Machinists')

*See Wrenches, Engineers' & Machinists'*

### 17086—\*Wrenches (Metal Handle)

**COES WRENCH CO.** ("Star 91"), Coes sq, Worcester, Mass.  
*See adv index at end of book*

### Wrenches (Nut)

*See Wrenches, Engineers' & Machinists'; also Wrenches, Adjustable*

### 17087—Wrenches (Nut, Bit Brace)

**GREENFIELD TAP & DIE CORP'N** (Wells "G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

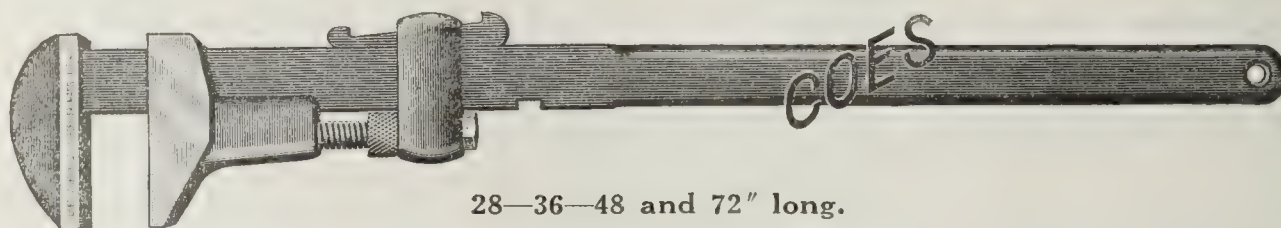
### 17088—Wrenches (Pin)

Billings & Spencer Co. ("B. & S." Drop Forged Steel), Hartford, Conn.

### 17089—Wrenches (Pipe)

Albert Lea Machinery Co., Albert Lea, Minn.  
 Allen Wrench & Tool Co. (Alligator) 754 Eddy, Providence, R. I.  
*See adv index at end of book*  
 American Brass Novelty Co., Grand Haven, Mich.

## COES KEY MODEL WRENCHES



28—36—48 and 72" long.

For Heavy Duty on large, square and Hex. nuts and for work where extra leverage is required.

COES WRENCH CO.

- - -

WORCESTER, MASS.



**ARMSTRONG MFG. CO.** ("Armstrong"), 278 Knowlton, Bridgeport, Conn. *See adv index at end of book*

**Bayer Steam Soot Blower Co.**, St. Louis, Mo.

**Belden Machine Co.** ("Hayden," Brass & Nickel), New Haven, Conn.

**Bemis & Call Hardware & Tool Co.** (Combination Pipe & Nut), Springfield, Mass.

**Billings & Spencer Co.** ("B. & S." Chain), Hartford, Conn.

**Bonner Tool Co.** ("Victor" Drop Forged), Champaign, Ill.

**BONNEY VISE & TOOL WORKS** ("Always Ready," "Stillson," "Crocodile" Adjustable "S"), Allentown, Pa. *See adv index at end of book*

**Brock Wrench Mfg. Co.** ("Brock" New Standard Chain), 38 Vesey, New York

**Cochran Pipe Wrench Mfg. Co.**, 7544 S Chicago av, Chicago, Ill.

**Craftsman Tool Co.** (Self-Adjusting) Conneaut, O.

**Crane Co.**, Bridgeport, Conn.

**Darling Pump Mfg. Co. (Ltd.)**, Williamsport, Pa.

**Drop Forging Co. of New York** ("Spartan" Chain), 301 West Side av, Jersey City, N. J.

**Dudley Tool Co.**, Menominee, Mich.

**Ellis & Ford Mfg. Co.** (Combination Pipe & Monkey Wrench), Detroit, Mich.

**Erie Stamping & Mfg. Co.**, Erie, Pa.

**Erie Tool Works**, Erie, Pa.

**Gealy Wrench & Mfg. Co.** ("Gealy" Tong Chain), Grove City, Pa.

**Greene, Tweed & Co.** ("Champion"), 109 Duane, New York

**Hawkeye Wrench Co.** ("Hawkeye" & "Superior"), Marshalltown, Ia.

**Hayward Wrench Co.**, St. Louis, Mo.

**Hilts Wrench & Mfg. Co.** ("Hilts," "Eclipse," "Comet" & Adjustable Chain), Richford, N. Y.

**Jarecki Mfg. Co.**, Erie, Pa.

**Keystone Mfg. Co.** ("Westcott" Adjustable), Buffalo, N. Y.

**Kilborn & Bishop Co.** ("Saxon," "Farrier" Drop Forged), New Haven, Conn.

**Kraeuter & Co.** ("Victor" Alligator), 583 18th av, Newark, N. J.

**Kroeschell Bros. Co.** ("Ideal"), 440 W Erie, Chicago, Ill.

**Lakeside Forge Co.**, Erie, Pa.

**Lutz-Webster Engineering Co.** (With Friction Ratchet), 3103 Gray's Ferry av, Phila., Pa.

**Mechanical Specialties Co.** ("Como"), 122 S Michigan av, Chicago, Ill.

**Monte Wrench Co.**, Shelbyville, Ind.

**Mossberg Frank Co.** ("Gripsall"), Attleboro, Mass.

**NASON MFG. CO.**, 71 Fulton, New York *See adv index at end of book*

**Oil Well Supply Co.** ("O."), 215 Water, Pittsburgh, Pa.

**Oswego Tool Co.** ("Dickson," "Stillson" & "Standard" Patterns), Oswego, N. Y.

**Page Storms Drop Forge Co.** ("Ireland" Drop Forged), Chicopee, Mass.

**Parmalee Wrench Co.** ("Parmalee's" Girdle), 2515 W Monroe, Chicago, Ill.

**Pfeifer F.** ("Johnston"), 97 Reade, New York

**Reed Mfg. Co.** ("Tiger" Standard), Erie, Pa.

**Robbins, Gamwell & Co.**, Pittsfield, Mass.

**Saunders' D. Sons**, Yonkers, N. Y.

**Shaw Propeller Co.** (Alligator), 15 Elkins, Boston, Mass.

**Smith H. D. & Co.** ("Perfect Handle") Plantsville, Conn.

**Star Mfg. Co.** ("Elgin" Pipe Jaw), Carpentersville, Ill.

**Stearns Mfg. Co.**, Toledo, O.

**Trimont Mfg. Co.** ("Trimo"), Amory av, Roxbury, Boston, Mass.

**Vaughan & Bushnell Mfg. Co.** ("V. & B. Grip," Drop Forged Steel), 2114 Carroll av, Chicago, Ill.

**Wakefield Clarence E.** ("Wakefield"), Worcester, Mass.

**Walworth Mfg. Co.** ("Stillson" "Walworth Genuine Stillson"), Boston, Mass.

**Warnock Mfg. Co.** ("Warnock," "Warnock Simplex," "Smooth Pipe"), 54 Commercial, Worcester, Mass.

**Wells F. E. & Son Co.** ("Wells" "Stillson"), Greenfield, Mass.

**Whitman & Barnes Mfg. Co.** ("W. & B."), Akron, O. *See adv index at end of book*

**Wolverine Brass Co.**, Grand Rapids, Mich.

## 17090— Wrenches (Pipe & Pipe Cutter Combined)

**Bonney Vise & Tool Works** ("Master-piece"), Allentown, Pa. *See adv index at end of book*

**Wrenches Pocket**

*See Wrenches, Bicycle & Pocket*

## 17091—Wrenches (Ratchet)

*See also Drills, Ratchet*

**Adreon Mfg. Co.** ("Adreon-Morse"), Security bldg, St. Louis, Mo.

## Allen Universal Socket Wrench

"The Wrench with Universal Action"

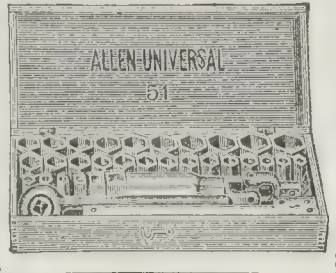
Can be used in any position at any angle where a straight wrench cannot be used.

Drop forged, carefully machined, all parts hardened.

Fully guaranteed. Sockets, all sizes from

5-16 in. to 1 9-32 in.

**ALLEN WRENCH & TOOL COMPANY**  
Providence, R.I., U.S.A.



**Burgess & Norton Mfg. Co.** ("Stephens"), Geneva, Ill.

**C. M. B. Wrench Co.** ("Silver King," Adjustable Handle Socket Ratchet, "Auto Queen," Factory, Machinists), Garwood, N. J.

**C. & E. Mfg. Co.** ("Marshalltown"), Marshalltown, Ia.

**Custer Coupling Co.** ("Custer"), Bradford, Pa.

**Greene, Tweed & Co.** ("Favorite," Reversible), 109 Duane, New York

**Irving Mfg. & Tool Co.**, 157 Chambers, New York

**Keystone Mfg. Co.** ("Keystone" Reversible), Buffalo, N. Y.

**Lovejoy Tool Works**, 319 W Ohio, Chicago, Ill.

**LOWELL WRENCH CO.** ("Multiplex" Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*

**Lutz-Webster Engineering Co.**, 3103 Gray's Ferry av, Phila., Pa.

**Maytag Co.** ("Hawkeye" for Thrasher Cylinders), Newton, Ia.

**Mechanical Specialties Co.** ("La Rock" Ratchetless), 122 S Michigan av, Chicago, Ill.

**Miller Chas.** ("Comet"), Syracuse, N. Y.

**Moore Drop Forging Co.**, Springfield, Mass.

**Mossberg Frank Co.** ("Mossberg," "Auto-Cle" Flat, Handle, Ratchet, Reversible & Non-Reversible Socket), Attleboro, Mass.

**Parmalee Wrench Co.** ("Parmalee"), 2515 W Monroe, Chicago, Ill.

**Pratt & Whitney Co.**, Hartford, Conn.

**Richards-Wilcox Mfg. Co.** ("Wizard" Adjustable), Aurora, Ill.

**STARRETT L. S. CO.**, Athol, Mass. *See adv index at end of book*

**Syracuse Wrench Co.** ("Champion" & "Yala"), Syracuse, N. Y.

**Walden-Worcester, Inc.** ("Walden-Worcester" Socket), Worcester, Mass.

**Williams J. H. & Co.** (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**Yonts C. H. & Co.** (With Handle), Meadville, Pa.

## 17091a—\*Wrenches (Reversible Ratchet)

*See page 1542*

## 17092— Wrenches ("S")

**Armstrong Bros. Tool Co.**, 339 N Francisco av, Chicago, Ill.

**Barcalo Mfg. Co.**, Buffalo, N. Y.

**Bemis & Call Hardware & Tool Co.** ("B. & C."), Single & Double End Adjustable Nut & Pipe), 983 Main, Springfield, Mass.

**Billings & Spencer Co.** ("B. & S" Drop Forged Adjustable, Hexagon, etc), Hartford, Conn.

**Bonner Tool Co.** ("Victor" Drop Forged), Champaign, Ill.

**BONNEY VISE & TOOL WORKS** (Adjustable), Allentown, Pa. *See adv index at end of book*

**Buckeye Mfg. Co.**, Canton, O.

**Buffum Tool Co.** ("Swastika"), South Side, Louisiana, Mo.

**Canton Drop Forging & Mfg. Co.**, Canton, O.

**Erie Tool Works**, Erie, Pa.

**Greene Tweed & Co.** ("Baxter" Adjustable), 109 Duane, New York

**Keystone Mfg. Co.** ("Westcott" Adjustable), Buffalo, N. Y.

**Lakeside Forge Co.**, Erie, Pa.

**National Malleable Castings Co.**, Cleveland, O.

**Oswego Tool Co.** (Adjustable Nut & Pipe), Oswego, N. Y.

**Page Storms Drop Forge Co.** (All Kinds), Chicopee, Mass.

**Robinson M. W. Co.** ("Carll" Adjustable, Drop Forged), 203 37th, Brooklyn, N.Y.

**S. & I. Co.** ("Never Break," Hardened Pressed Steel), Springfield, Mass.

**Whitely Malleable Castings Co.**, Muncie, Ind.

**Whitman & Barnes Mfg. Co.**, Akron, O. *See adv index at end of book*

**Williams J. H. & Co.** (Nut Cap & Set Screw Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

## Wrenches (Screw)

*See Wrenches, Engineers & Machinists*

## 17093— Wrenches (Sleeve)

**Kendrick-Davis Co.** ("K. & D." Jewelers), Lebanon, N. H.

## 17094— Wrenches (Socket)

**Allen Wrench & Tool Co.** ("Eureka" Ratchet) ("Allen-Friction" "Allen-Universal"), 754 Eddy, Providence, R. I. *See adv index at end of book*

**Armstrong Bros. Tool Co.** ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.

**Azadian Gauge Mfg. Co.** ("Auto King") Industrial bldg, Syracuse, N. Y.

**Billings & Spencer Co.** ("B. & S.") Hartford, Conn.

**C. M. B. Wrench Co.** ("Silver Ring" & "Auto Queen," Adjustable Handle, Socket Hatchet), Garwood, N. J.

**Channon Jas. H. Mfg. Co.** (Socket Handle), 227 W Erie, Chicago, Ill.

**Harris Samuel & Co.**, 114 N Clinton, Chicago, Ill.

**Improved Guage Mfg. Co.**, 320 W Water, Syracuse, N. Y.

**Indianapolis Drop Forging Co.**, Indianapolis, Ind.

**Keystone Mfg. Co.** ("Keystone," "Glant," with Reversible Ratchet), Buffalo, N. Y.

**LOWELL WRENCH CO.** (Reversible Ratchet), 54 Commercial, Worcester, Mass. *See adv index at end of book*

**Marvel Accessories Mfg. Co.** ("Marvel"), Cleveland, O.

**Miller Chas.** ("Autos' Friend"), Syracuse, N. Y.

**Mossberg Frank Co.** ("Diamond M." Socket Sets & "Auto Cle," also Ratchet Socket & Tubular Type) Attleboro, Mass.

**Packer Auto Specialty Co.** ("Ray"), 122 E Michigan av, Chicago, Ill.

**Page Storms Drop Forge Co.**, Chicopee, Mass.

**Parmalee Wrench Co.** ("Parmalee"), 2515 W Monroe, Chicago, Ill.

**Vlcchek Tool Co.** (Tubing), 10711 Quincey av, Cleveland, O.

**Walden-Worcester, Inc.** ("Walden-Worcester"), Worcester, Mass.

**Williams J. H. & Co.**, 156 Hamilton av, Brooklyn, N. Y.

**Winters Bros. Co.**, Wrentham, Mass.



**\*Wrenches (Reversible Ratchet)**

**LOWELL WRENCH CO.**, ("Multiplex" Reversible), 54 Commercial, Worcester, Mass. *See adv index at end of book*

**17095—Wrenches (Spanner)**

Billings & Spencer Co. ("B. & S." Drop Forged Adjustable), Hartford, Conn.  
Brock Wrench Mfg. Co. ("Brock's" Drop Forged), 38 Vesey, New York  
Edna Brass Mfg. Co., Cincinnati, O.  
Forsyth Metal Goods Co. (Bicycle), E. Aurora, N. Y.  
Franklin Park Foundry Co., Franklin Park, Ill.

**LUNKENHEIMER CO.** (Adjustable), Executive Offices & Factories: Beekman & Waverly, Cincinnati, O.  
*See adv index at end of book*

Morse A. J. & Son, 221 High, Boston, Mass.  
Oakes Co., The, Indianapolis, Ind.  
Page Storms Drop Froge Co. ("P. S."), Chicopee, Mass.

Powell Wm. Co. ("Powell"), Cincinnati, O.  
Rhode Island Tool Co. (Drop Forged), Providence, R. I.

Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.  
Worcester Pressed Steel Co., Worcester, Mass.

**17096—Wrenches (Spark Plug)**

Buffum Tool Co. ("Swastika"), South Side, Louisiana, Mo.

C. M. H. Wrench Co. ("C. M. B." Adjustable), Garwood, N. J.

Miller Chas. ("2-in-1," "XX," "4-in-1"), Syracuse, N. Y.

Mossberg Frank Co. (Pressed Steel, Tubular Socket Type & Flat, End Opening Type), Attleboro, Mass.

Pratt Wm. E. Mfg. Co., 35 W Lake, Chicago, Ill.

Vlchek Tool Co. ("Vlchek"), 10711 Quincy av, Cleveland, O.

**17097—Wrenches (Splicing)**

Dicke Tool Co., Downers Grove, Ill.  
Klein Mathias & Sons, 562 W Vanburen, Chicago, Ill.

**SMITH & HEMENWAY CO.** ("Red Devil," Drop Forged Tie & Splicing), 76 Chambers, New York  
*See adv index at end of book*

**17098—Wrenches (Sprocket)**

Ayes & Co. ("Champion" Hub), 1812 Ellen, Chicago, Ill.

**17099—\*Wrenches (Steel)**

**COES WRENCH CO.**, Coes sq, Worcester, Mass. *See adv index at end of book*

**17100—Wrenches (Structural)**

Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**17101—Wrenches ("T")**

Nordyke & Marmon Co., 1280 Kentucky av, Indianapolis, Ind.

Wells F. E. & Sons Co., ("Hercules") Greenfield, Mass.

**17102—Wrenches (Tap & Reamer)**

Alert Tool Co. (Ratchet), 221 N 23d, Phila., Pa.

**AMERICAN TAP & DIE CO.** ("Am. T. & D. Co."), Greenfield, Mass.  
*See adv index at end of book*

**ARMSTRONG MFG. CO.** ("Armstrong"), 278 Knowlton, Bridgeport, Conn.  
*See adv index at end of book*

Bay State Tap & Die Co., Mansfield, Mass.

Billings & Spencer Co. ("B. & S."), Hartford, Conn.

Braunsdorf-Mueller Co. (Tap), Elizabeth, N. J.

Brubaker W. L. & Bros. (Adjustable), Millersburg, Pa.

Bullock Mfg. Associates, Springfield, Mass.

Butterfield & Co., Derby Line, Vt.

Card S. W. Mfg. Co. ("Horsfield"), Mansfield, Mass.

Carpenter J. M. Tap & Die Co. ("Nichols"), Pawtucket, R. I.

Champion Blower & Forge Co. ("Champion"), Lancaster, Pa.

Conant & Donelson Co. ("Reliable"), Conway, Mass.

Dikeman Mfg. Co. (Tap Wrench for Hand Taps, also with Hollow Handle), Norwalk, Conn.

**GREENFIELD TAP & DIE CORP'N** ("G. T. D."), Greenfield, Mass.  
*See adv index at end of book*

Hart Mfg. Co. ("Duplex" Adjustable Tap), Cleveland, O.

Keystone Mfg. Co. ("Keystone" or Ratchet Stud Driver), Buffalo, N. Y.

Morse Twist Drill & Machine Co. (For Adjustable Reamers & Taps), New Bedford, Mass.

North Bros. Mfg. Co. ("Yankee" Tap), Lehigh & American, Phila., Pa.

Page Storms Drop Forge Co. ("P. S."), Chicopee, Mass.

Pawtucket Mfg. Co., Pawtucket, R. I.

Polk A. J. & Son (Adjustable), Millersburg, Pa.

Poorman J. E. (High Speed), 1825 Bristol, Phila., Pa.

Pratt & Whitney Co. (Adjustable), Hartford, Conn.

Robinson M. W. Co. ("Rollis"), 203 37th, Brooklyn, N. Y.

Russell Mfg. Co. (Adjustable), Greenfield, Mass.

Sawyer Tool Mfg. Co. (Tap), Ashburnham, Mass.

Standard Tool Co., 6900 Central av, Cleveland, O.

**STARRETT L. S. CO.** (Tap Wrenches), Athol, Mass. *See adv index at end of book*

Walworth Mfg. Co., Boston, Mass.

Wells F. E. & Son Co. ("O. K.", "Hercules," also Ratchet) Greenfield, Mass.

West Haven Mfg. Co. ("Hold Fast" & T. Handle Tap Wrench), West Haven, Conn.

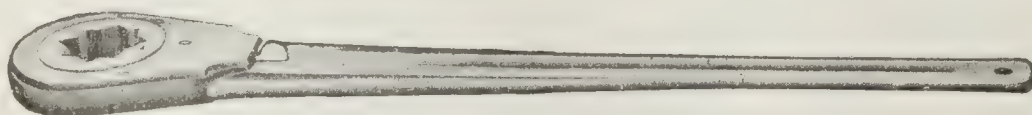
Williamsburg Mfg. Co., Williamsburg, Mass.

Winter Bros. Co., Wrentham, Mass.

**17103—Wrenches (Terminal)**

Klein Mathias & Sons ("No. 63"), 562 W Van Buren, Chicago, Ill.

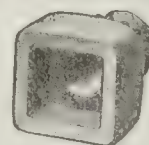
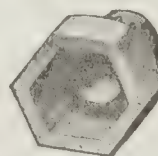
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**17104— Wrenches (Thin)**

Bonney Vise & Tool Co. (Drop Forged), Allentown, Pa.  
*See adv index at end of book*  
 Lakeside Forge Co., Erie, Pa.

**17105—Wrenches (Thresher Cylinder)**

Fosston Mfg. Co. ("Fosston," Ratchet), 413 Cleveland, St. Paul, Minn.  
 Russell & Co. ("Russell"), Massillon, O.

**17106—Wrenches (Tool Post)**

Armstrong Bros. Tool Co. ("A." Drop Forged), 339 N Francisco av, Chicago, Ill.  
 Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.  
 Indianapolis Drop Forging Co., Indianapolis, Ind.  
 Lakeside Forge Co. (Drop Forged), Erie, Pa.  
 Page Storms Drop Forge Co., Chicopee, Mass.  
 Whitman & Barnes Mfg. Co. (Drop Forged), Akron, O.  
*See adv index at end of book*  
 Williams J. H. & Co. (Drop Forged), 156 Hamilton, av, Brooklyn, N. Y.

**17107— Wrenches (Track)**

Atha Tool Co., Chapel, Newark, N. J.  
 Beall Bros. (Single & Double End), Alton, Ill.  
 Billings & Spencer Co. ("B. & S." Drop Forged), Hartford, Conn.  
 Chester Steel Castings Co., Chester, Pa.  
 Cramer, Adams & Co. ("Coulter"), 259 E Erie, Chicago, Ill.  
 Evansville Tool Works, Evansville, Ind.  
 Harvey H. H. Mfg. Co., 15 Sherman, Boston, Mass.  
 Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 Indianapolis Drop Forging Co., Indianapolis, Ind.  
 Iron City Tool Works (Ltd.), 3201 Smallman, Pittsburgh, Pa.  
**JEFFREY MFG. CO.**, 961 N 4th, Columbus, O.  
*See adv index at end of book*  
 Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
 Keystone Drop Forge Works, Chester, Pa.  
 Klein-Logan Co., 13th & Breed, Pittsburgh, Pa.  
 Lakeside Forge Co., Erie, Pa.  
 Page Storms Drop Forge Co., Chicopee, Mass.  
 Union Drop Forge Co., 358 W Grand, Chicago, Ill.  
 Verona Tool Works (Straight & T), Oliver bldg, Pittsburgh, Pa. & Verona, Pa.  
 Warwood Tool Co., Warwood, Wheeling, W. Va. *See adv index at end of book*  
 Williams J. H. & Co. (Drop Forged), 156 Hamilton av, Brooklyn, N. Y.

**Wrenches (Wagon)**

*See Wrenches, Carriage*

**17108—Wringers (Blue Print)**

Lovell Mfg. Co. (& for Mechanical Work), Erie, Pa.  
 Pease C. F. Co., 220 W Institute pl, Chicago, Ill.

**17109— Wringers (Clothes)**

American Ironing Machine Co. ("Triumph"), 166 N Michigan, Chicago, Ill.  
 American Wringer Co., 99 Chambers, New York  
 Atlas Laundry Machinery Co., 6th & Baymiller, Cincinnati, O.  
 Blackstone Mfg. Co. ("Blackstone," Electric Washing & Wringer, "Blackstone" Gasolene Power Washing & Wringer), Jamestown, N. Y.  
 Lovell Mfg. Co. ("Anchor Brand" Ball Bearing), Erie, Pa.  
 Troy Laundry Machinery Co. (Ltd.), 23d & La Salle, Chicago, Ill.

**17110— Wringers (Mop)**

American Wringer Co., 99 Chambers, New York  
 Ayes & Co. ("Champion"), 1812 Ellen, Chicago, Ill.

Bennington Scale Co. ("Molly Stark"), Bennington, Vt.  
 Brockton Mop Wringer Co. ("Brockton"), Brockton, Mass.  
 Bushnell Novelty Co. ("Bull Dog"), Mansfield, O.  
 Cardington Cabinet Co. ("Oscillator," "Ohio Crank"), Cardington, O.  
 Dobbins Mfg. Co. ("D. & B." Wringer & Pail), 127 1st, Minneapolis, Minn.  
 Eagle Woodenware Mfg. Co. ("Eagle" Wringer & Bucket Combined), Hamilton, O.  
 Ely T. J. Mfg. Co. ("Ely's Dandy," "Reliance Mop Wringer & Bucket Combined"), Erie, Pa.  
 Erie Mop & Wringer Co. ("Erie"), Erie, Pa.  
 Gilchrist Co., 236 Bank, Newark, N. J.  
 Lee Chair Co. ("Reliance"), Oneida, N. Y.  
 MacLeod Mfg. Co., 412 Orleans, Chicago, Ill.  
 Sanitary Stamped Wares & Specialties Co. ("One Twist"), 415 W B'way, New York  
 Schubert August Wagon Co. ("Reliance"), Oneida, N. Y.  
 Success Mfg. Co. (Square Galvanized), Gloucester, Mass.  
 Tucker & Dorsey Mfg. Co. ("Columbia" Mop & Bucket Combined), Indianapolis, Ind.  
 U. S. Mop Co. ("Easy Wringer"), Toledo, Ohio  
 White J. A., Oxford, O.  
 White Mop Wringer Co. ("White"), Fultonville, N. Y.

**17111—Wrist Bands (Husking)**

Boss Mfg. Co., Kewanee, Ill.

**17112— X-Ray Apparatus**

American X-Ray Equipment Co., 405 E 31st, New York  
 Betz Frank S. Co., Hammond, Ind.  
 Bush Geo. L. & Co., 334 Sutter, San Francisco, Cal.  
 Campbell Electric Co., 17 Stewart, Lynn, Mass.  
 Columbia X-Ray & Electric Corp., 131 E 23d, New York  
 Dodd & Struthers, Des Moines, Ia.  
 Dudlo Mfg. Co., Ft. Wayne, Ind.  
 Edison Lamp Works of General Electric Co., Harrison, N. J.  
 Foote Pierson & Co., 160 Duane, New York  
 Green & Bauer ("Clover Leaf" & "Mas-cot" X-Ray Tubes), Hartford, Conn.  
 Kelley-Koett Mfg. Co. ("K.-K."), Covington, Ky.  
 Kny-Scheerer Co., 404 W 27th, New York  
 Meyer Wm. Co., 817 Washington, Chicago, Ill.  
 Ritchie E. S. & Sons, Brookline, Mass.  
 Scheidel Western X-Ray Co. ("Scheidel"), 737 W Van Buren, Chicago, Ill.  
 Snook-Roentgen Mfg. Co., 1210 Race, Philadelphia, Pa.  
 Ten Broeck & Huber, 214 E 23d, New York  
 Thoradson Electric Mfg. Co., 501 S Jefferson, Chicago, Ill.  
 Victor Electric Co., Jackson blvd & Robey, Chicago, Ill.  
 Waite & Bartlett Mfg. Co., 252 W 29th, New York  
 Williams E. I., Syracuse, N. Y.  
 Ziola-Jackson X-Ray Coil Co., Madison, Wis.

**17113—X-Ray Fluoroscopes**

*See also X-Ray Apparatus*  
 Jackson Francis E., Orange, N. J.

**17113a— Xylidine**

Calco Chemical Co. (For making Dyes), Bound Brook, N. J.  
 Chemical Co. of America (Mfrs.), 320 B'way, New York  
 Montcalm Chemical Works, Indianapolis, Ind.

**Xylol**

*See Coal Tar Products*

**17113b—"Y's" (Brass & Mall. Iron)**

**NATIONAL TUBE CO.**, Frick bldg, Pittsburgh, Pa. *See adv index at end of book*

**17114— Yard Sticks**

American Mfg. Concern, Falconer, N. Y.  
 Bliss Mfg. Co., Bliss, N. Y.  
 Bogert & Hopper, 67 Barclay, New York  
 Bradley Milton Co., Springfield, Mass.  
 Chapin-Stephens Co. (Also School & Desk Rulers, etc), Pine Meadow, Conn.  
**ESTES E. B. & SONS**, 358 5th av, New York *See adv index at end of book*  
 Geneva Mfg. Co., Geneva, Ill.  
 Lucas-Tuttle Mfg. Co., Silver Springs, N. Y.  
 National Advertising Co., Seneca Falls, N. Y.  
 Novelty Advertising Co., Coshocton, O.  
 Stanley Rule & Level Co., New Britain, Conn.  
 Up-to-Date Advertising Co., Canisteo, N. Y.  
 Westcott-Jewell Co., Seneca Falls, N. Y.

**17115— Yarn (Fodder)**

American Mfg. Co., West, Brooklyn, N. Y.  
**COLUMBIA ROPE CO.**, 3050 Genesee, Auburn, N. Y. *See adv index at end of book*  
 Fittler Edwin H. Co., 517 Arch, Phila., Pa.  
 Rinek Cordage Co., Easton, Pa.

**17116— Yarn (Jute)**

Allentown Spinning Co., Allentown, Pa.  
 Crichton Alex. F., 16th & Railroad av, Wilmington, Del.  
 Dolphin Jute Mills, Paterson, N. J.

**17117— Yarn (Lath)**

American Mfg. Co., West, Brooklyn, N. Y.  
**COLUMBIAN ROPE CO.** (Tarred Sisal), 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
 Fittler Edwin H. Co., 517 Arch, Phila., Pa.  
 Hooven & Allison Co. (Tarred), Xenia, O.  
 Kelly R. A. Co., Xenia, O.  
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
 Peoria Cordage Co. (Tarred & Untarred), Peoria, Ill.  
 Plymouth Cordage Co., North Plymouth, Mass.  
 Rinek Cordage Co., Easton, Pa.  
 Rugg E. T. & Co., Newark, O.  
 St. Louis Cordage Mills ("Royal"), 1715 S 11th, St. Louis, Mo.  
 Tubbs Cordage Co., Kohl bldg, San Francisco, Cal.

**17118— Yarn (Mop)**

Eagle Cotton Mills Co., Madison, Ind.  
 Estes Mills, Fall River, Mass.  
 Grahamton Mfg. Co., Grahamton, Ky.  
 Hooper Wm. E. & Sons Co., Maryland Life bldg, Baltimore, Md.  
 Massasoit Mfg. Co., Fall River, Mass.  
 Mt. Vernon-Woodberry Mills, Cont. bldg, Baltimore, Md.  
 Richards Fred J., Springfield, Mass.  
 Southern Mills Corp., Oxford, Ala.  
 Toohy M. J. & Co., Fall River, Mass.  
 Westport Mfg. Co., Westport, Mass.  
 Yocona Mills, Water Valley, Miss.

**17119— Yarn (Tarred)**

American Mfg. Co., West, Brooklyn, N. Y.  
 Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.  
**COLUMBIAN ROPE CO.** (Sisal), 3050 Genesee, Auburn, N. Y.  
*See adv index at end of book*  
 Hooven & Allison Co. (Fodder, Lath, etc), Xenia, O.  
 Kelly R. A. Co., Xenia, O.  
 Leschen A. & Sons Rope Co., 920 N 1st, St. Louis, Mo.  
 New Bedford Cordage Co., New Bedford, Mass.  
 Schlichter Jute Cordage Co., 20 N Front, Phila. Pa.  
 Waterbury Co. 63 Park Row, New York

**17120—Yellow Metal (Cold Rolled)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Taunton-New Bedford Copper Co., Taunton, Mass.

**17121—Yellow Metal (Polished)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*  
 Taunton-New Bedford Copper Co., Taunton, Mass.



**17122—Yellow Metal (Sheet & Rod)**

**AMERICAN BRASS CO.**, Waterbury, Conn.  
*For branch offices see adv index at end of book*

**17123—Yoke Ends**

**Williams J. H. & Co.** (Drop Forged, Unfinished), 156 Hamilton av, Brooklyn, N. Y.

**17124—Yokes (Clip)**

**Upson Nut Co.** (Wrought Iron & Plate), Cleveland, O.

**17125—Yokes (Coupler)**

**Cambria Steel Co.**, Widener bldg, Philadelphia, Pa.

**Kansas City Bolt & Nut Co.** (Wrought Iron), Kansas City, Mo.

**Keyoke Railway Equipment Co.** ("Murray Keyoke"), Monadnock blk, Chicago, Ill.

**17126—Yokes (Draw Bar)**

**Buckeye Steel Castings Co.**, Columbus, O.  
**Kansas City Bolt & Nut Co.**, Kansas City, Mo.

**Steel Car Forge Co.**, Pittsburgh, Pa.

**17127—Yokes (Pocket Coupler, Etc.)**

**Kansas City Bolt & Nut Co.** (Wrought Iron), Kansas City, Mo.

**Valley Forging Co.**, Verona, Pa.

**17128—Yokes (Street Railway)**

**Davies & Thomas Co.** (Cast Iron), Catasqua, Pa.

**Kansas City Bolt & Nut Co.** (Wrought Iron), Kansas City, Mo.

**Wharton Wm. Jr. & Co., Inc.**, Easton, Pa.

**17129—Zaffer**

**Drakenfeld B. F. & Co.**, 50 Murray, New York

**Roessler & Hasslacher Chemical Co.**, 100 William, New York

**17130—Zinc (Aluminized)**

**New Era Mfg. Co.**, Kalamazoo, Mich.

**17130a—Zinc Blend**

**Northern Ore Co.**, Edwards, N. Y.

**17131—Zinc Carbonate**

**Harshaw, Fuller & Goodwin Co.**, Electric bldg, Cleveland, O.

**Wiarda Jno. C. & Co.**, 273 Greene, Brooklyn, N. Y.

**17132—Zinc Chloride**

**American Alloys Co.**, American bldg, Baltimore, Md.

**Bauer Philip Co. (Imp.)**, 68 Broad, New York

**Butterworth-Judson Co.**, Passaic River, Newark, N. J.

**Commercial Acid Co.**, 3943 Duncan, St. Louis, Mo.

**General Chemical Co.**, 25 Broad, New York

**Grasselli Chemical Co.**, Guardian bldg, Cleveland, O.

**Innis, Speiden & Co., Inc.**, 46 Cliff, New York. *See adv index at end of book*

**Klipstein A. & Co. (Ammonium, Imp.)**, 644 Greenwich, New York

**Mallinckrodt Chemical Works**, 2d & Mallinckrodt, St. Louis, Mo.

**Merrimac Chemical Co.**, 143 State, Boston, Mass.

**Roessler & Hasslacher Chemical Co.**, 100 William, New York

**Sandoval Zinc Co.** (In Fused Granulated & Liquid Form), 410 N Peoria, Chicago, Ill.

**Virginia Consolidated Chemical Corp.**, 100 B'way, New York

**17133—Zinc Dust**

**American Smelting & Refining Co.**, 120 B'way, New York

**Arnold, Hoffman & Co.**, 55 Canal, Providence, R. I.

**Ball Bros. Glass Mfg. Co.**, Muncie, Ind.

**Beer, Sondheimer & Co.**, 61 B'way, New York

**Bischoff C. & Co. (Imp.)**, 451 Washington, New York

**Denver Fire Clay Co.**, Denver, Colo.

**Fuerst Bros. & Co.**, 2 Stone, New York

**Grasselli Chemical Co.**, Guardian bldg, Cleveland, O.

**Illinois Zinc Co.**, Peru, Ill.

**Innis, Speiden & Co., Inc.**, 46 Cliff, New York. *See adv index at end of book*

**Klipstein A. & Co.**, 644 Greenwich, New York

**Mitsui & Co. (Japanese)**, 25 Madison av, New York

**Rau Henry M.**, 130 Pearl, New York

**Roessler & Hasslacher Chemical Co.**, 100 William, New York

**Vogelstein L. & Co.**, 42 B'way, New York

**17134—Zinc Mfrs.**

**American Zinc, Lead & Smelting Co.**, 120 Broadway, New York

**Ball Bros. Glass Mfg. Co. (Strip & Slab)**, Muncie, Ind.

**Bartlesville Zinc Co.**, Bartlesville, Okla.

**Beer, Sondheimer & Co.**, 61 B'way, New York

**Bertha Mineral Co.**, Pulaski, Va.

**Collinsville Zinc Co.**, Collinsville, Ill.

**Edgar Zinc Co.**, Security bldg., St. Louis, Mo.

**Empire Zinc Co.**, Denver, Colo.

**Granby Mining & Smelting Co.**, St. Louis, Mo.

**Grasselli Chemical Co.**, Guardian bldg, Cleveland, O.

**Hegeler Bros.**, Danville, Ill.

**Henryetta Spelter Co.**, Henryetta, Okla.

**Illinois Zinc Co. (Sheet, etc.)**, Peru, Ill.

**Lanyon Robt. Zinc & Acid Co.**, Hillsboro, Ill.

**Lanyon-Star Smelter Co.**, Bartlesville, Okla.

**Matthiessen & Hegeler Zinc Co.**, La Salle, Ill.

**Mineral Point Zinc Co.**, 140 S Dearborn, Chicago, Ill.

**Missouri Zinc Co.**, Beckemeyer, Ill.

**National Zinc Co.**, 2 Stone, New York. Works: Bartlesville, Okla.

**New Jersey Zinc Co.**, 55 Wall, New York

**Pittsburg Zinc Co.**, Pittsburg, Kan.

**Platt Bros. & Co. (Cold Rolled)**, Waterbury, Conn.

**Prime Western Spelter Co.**, Gas, Kansas

**Sandoval Zinc Co.**, 410 N Peoria, Chicago, Ill.

**Tulsa Fuel & Mfg. Co.**, Collinsville, Okla.

**United States Zinc Co.**, Pueblo, Colo.

**17135—Zinc (Nicked, Brassed & Coppered)**

**Rothschild M.**, 207 Norman av, Brooklyn, N. Y.

**17136—Zinc-Nickelized Sheet**

**National Sheet Metal Co.**, Peru, Ill.

**17137—Zinc Plates for Boilers**

**Ball Bros. Glass Mfg. Co.**, Muncie, Ind.

**Hazel Atlas Glass Co.**, Wheeling, W. Va.

**Matthiessen & Hegeler Zinc Co.**, La Salle, Ill.

**Phillips E. & Sons**, South Hanover, Mass.

**17138—Zinc Salts**

**Sandoval Zinc Co. (Commercial)**, 410 N Peoria, Chicago, Ill.

**Thomsen Chemical Co.**, Munsey bldg, Baltimore, Md.

**Zinc Shavings**

*See Shavings, Zinc*

**17139—Zinc (Sheet)**

**Ball Bros. Mfg. Co.**, Muncie, Ind.

**Champion Metals Co.**, 446 N La Salle, Chicago, Ill.

**Hazel Atlas Glass Co.**, Wheeling, W. Va.

**Illinois Zinc Co.**, Peru, Ill.

**Matthiessen & Hegeler Zinc Co.**, La Salle, Ill.

**MERCHANT & EVANS CO.**, 2035 Washington av, Philadelphia, Pa.

*See adv index at end of book*

**National Sheet Metal Co.** (Tombac Special Plated & Polished), Peru, Ill.

**17140—Zinc Specialties**

**Bryant Mfg. Co. (Of All Kinds)**, 456 W Ontario, Chicago, Ill.

**Bryant Zinc Co. (Of All Kinds)**, 600 Orleans, Chicago, Ill.

**17140a—Zinc Strips**

**Hazel Atlas Glass Co.**, Wheeling, W. Va.

**Illinois Zinc Co.**, Peru, Ill.

**17141—Zinc Sulphide**

**Fezandie Felix (Imported)**, 205 Fulton, New York

**Katzenbach & Bullock Co. (Imported)**, Trenton, N. J.

**17142—Zinc (White)**

**French Sam'l H. & Co. (Dealers & Grinders)**, 4th & Callowhill, Phila., Pa.

**Grasselli Chemical Co. ("Grasselli" Rubber Makers' White, etc.)**, Guardian bldg, Cleveland, O.

**LEAVITT C. W. & CO.**, 34 Church, New York. *See adv index at end of book*

**Mineral Point Zinc Co.**, 140 S Dearborn, Chicago, Ill. Works: Mineral Point, Wis.

**Nevin T. H. Co.**, Island & Preble, Pittsburgh, Pa.

**New Jersey Zinc Co. (French Process)**, 55 Wall, New York

**17143—Zincs (Battery)**

**AMERICAN BRASS CO.**, Waterbury, Conn.

*For branch offices see adv index at end of book*

**Ball Bros. Glass Mfg. Co.**, Muncie, Ind.

**Beattie Zinc Works Co.**, Reading, Mass.

**Brady Brass Co.**, 170 14th, Jersey City, N. J.

**Bryant Mfg. Co. (All Patterns)**, 456 W Ontario, Chicago, Ill.

**Bryant Zinc Co.**, 600 Orleans, Chicago, Ill.

**Edes Mfg. Co.**, Plymouth, Mass.

**Grasselli Chemical Co. ("Franklin")**, Guardian bldg, Cleveland, O.

**Matthiessen & Hegeler Zinc Co. ("Leclanche" Battery Bars)**, La Salle, Ill.

**Merchant & Evans Co.**, 2035 Washington av, Philadelphia, Pa.

*See adv index at end of book*

**National Carbon Co.**, Cleveland, O.

**Pacific Metal Works**, 153 1st, San Francisco, Cal.

**Phillips E. & Sons**, South Hanover, Mass.

**Railroad Supply Co.**, 203 S Dearborn, Chicago, Ill.

**Slack Ben F. Brass Mfg. Co.**, Denver, Colo.

**Strong, Carlisle & Hammond Co.**, 336 Frankfort av N W, Cleveland, O.

**Waterbury Battery Co.**, Waterbury, Conn.

**Western Electric Co.**, 500 S Clinton, Chicago, Ill., & 463 West, New York

**17144—Zirconia**

**FOOTE MINERAL CO.**, 107 N 19th, Phila., Pa.

**17145—\*Zobos (Wood)**

**Estes E. B. & Sons**, 358 5th av, New York

*See adv index at end of book*



# TRADE NAMES

The following is a list of the important Trade Names, Brands, etc., which are shown under the various classifications in Hendricks' Commercial Register with the exception of Automobile Trade Names which will be found on page 55.

This list is included for the purpose of furnishing a Ready Reference for Purchasing Agents and Prospective Buyers to the useful matter contained in the parentheses following many of the names, and which has always been a distinctive feature of the work.

Although no responsibility can be assumed for the information contained herein, every effort has been made to insure its correctness and the publishers would be pleased to receive any information or suggestions which would add to its value.

For kindred classifications, see "Index to Classifications."

**PATENT ATTORNEYS**  
**MASON, FENWICK & LAWRENCE**  
 600 F St., N. W., Washington, D. C.  
 Mechanical, Electrical & Chemical Experts  
 Trade Marks, Trade Names registered in the  
 U. S. and all foreign Countries

A adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.  
 A automobile & car builders' wrenches—Armstrong Bros. Tool Co., 339 N Francisco av, Chicago, Ill.  
 A cotton twine—Estes Mills, Fall River, Mass.  
 A lawn mowers—Phila. Lawn Mower Co., 31st & Chestnut, Phila., Pa.  
 A. A. paint oils—Alcatraz Co., Inc., Richmond, Va.  
 A. A. A. saw clamps—E. C. Atkins & Co., Indianapolis, Ind.  
 A. B. arc lamps & automobile horns—Adams-Bagnall Electric Co., Cleveland, Ohio  
 A. B. furniture, metal & stove polish—A. B. Polish Co., 1515 Haddon av, Chicago, Ill.  
 A. B. motor fire engines—American British Mfg. Co., Providence, R. I.  
 A. B. C. beam clamps—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
 A. B. C. bearing balls—Abbott Ball Co., Elmwood Sta., Hartford, Conn.  
 A. B. C. belt fasteners—Kerr & Co., 114 Liberty, New York  
 A. B. C. boiler compounds—J. H. Parsons, 122 S Michigan av, Chicago, Ill.  
 A. B. C. brushes, bath room mirrors, etc.—Ames, Bonner Co., Toledo, Ohio  
 A. B. C. cement coatings—Universal Compound Co., 245 W 26th, New York  
 A. B. C. chain—American Ball Chain Works, 12 Wooster, New York  
 A. B. C. combination squares—Crookston Tool Co., Crookston, Minn.  
 A. B. C. electric washing machines—Luthy & Co., Peoria, Ill.  
 A. B. C. fans—American Blower Co., 1400 Russell, Detroit, Mich.  
 A. B. C. fire hose reels—Cliff & Guibert Co., 460 W. Broadway, New York  
 A. B. C. high speed steel—Darwin & Miner, 281 Water, New York  
 A. B. C. life boats, rafts—Welin Marine Equipment Co., 305 Vernon av, Long Island City, N. Y.  
 A. B. C. pattern boards—C. B. Hewitt & Bros., 49 Beekman, New York  
 A. B. C. pipe hangers—Fel & Mason, 81 Beekman, New York City.  
 A. B. C. second hand bags—Atlantic Bag Co., 243 Water, New York  
 A. B. C. shoveling & end gate boards—A. B. Clip-pinger & Son, Kansas City, Kan.  
 A. B. C. waterproofing materials—Universal Com-pound Co., 428 W. 25th, New York

A. B. Co. ball bearings—Ahlberg Bearing Co., 2636 Michigan av, Chicago, Ill.  
 A. C. cut-off couplings, clutch pulleys, variable speed motors—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 A-C hinges—Arcade Mfg. Co., Freeport, Ill.  
 A. C. spark plugs—Champion Ignition Co., Flint, Mich.  
 A. C. Co. cattle stanchions, ensilage cutters—Auto-matic Carrier Co., Juneau, Wis.  
 A. C. & D. C. motor starters, rheostats, resistance units—Industrial Controller Co., 890 Greenbush, Milwaukee, Wis.  
 A-F coal conveyors—Allis-Chalmers Mfg. Co., Mil-waukee, Wis.  
 A-F telescopic hoists—Alvey-Ferguson Co., North av, Cincinnati, Ohio  
 A. G. horse back bands—Couch Bros. Mfg. Co., At-lanta, Ga.  
 A. H. FOX guns—A. H. Fox Gun Co., 700 N. 18th, Phila., Pa.  
 A-H-L oak flooring—Arpin Hardwood Lumber Co., Grand Rapids, Mich.  
 A. H. R. bowling balls—American Hard Rubber Co., 9 Mercer, New York  
 A. J. AUBREY shot guns—Meriden Fire Arms Co., Meriden, Conn.  
 A. J. BEATON'S floor & ceiling plates & pipe hangers—Beaton & Cadwell Mfg. Co., New Britain, Conn.  
 A. J. W. & Co. breast drills—A. J. Wilkinson & Co., 184 Washington, Boston, Mass.  
 A. L. gas producers—Nelson Blower & Furnace Co., L. & Elkins, Boston, Mass.  
 A1-LECTRO metal polish—L. B. Allen Co., 4519 N. Lincoln, Chicago, Ill.  
 A. M. babbitt metal—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.  
 A. M. shade holders—Art Metal Mfg. Co., Cleveland, O.  
 A. M. B. manganese bronze ingots, etc.—American Manganese Bronze Co., 3501 Rhawn, Phila., Pa.  
 A-M-C insulating compounds—American Mica Co., Newton Lower Falls, Mass.  
 A. M. C. spring calipers & dividers—Athol Machine Co., Athol, Mass.  
 A. O. C. belt dressing—American Oil Co., 180 So. Water, Providence, R. I.  
 A-O-K furnitr. plsh.—L. J. Ulrich & Co., Buffalo, N. Y.  
 A-1 automobile trunk racks—Sargent & Ham Co., 26 Bowker, Boston, Mass.  
 A-1 cotton plntg. drills—Moline Plow Co., Moline, Ill.  
 A-1 fire hose—Empire Tire & Rubber Co., East Tren-ton, N. J.  
 A-1 leather kraft paper—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, O.  
 A-1 metal polish—Chas. H. Rath Co., Columbia & Hancock, Phila., Pa.  
 A. P. enamels—Atlas Paint Co., Nashville, Tenn.  
 A. P. C. centrifugal fans—American Blower Co., 1412 Russell, Detroit, Mich.  
 A. P. M. asbestos protected roofing—Asbestos Pro-ected Metal Co., Beaver Falls, Pa.  
 A. P. W. toilet paper holders—A. P. W. Paper Co., Albany, N. Y.  
 A. R. R. C. ball cocks & bath & basin traps—Union Metal Works, Chelsea, Mass.  
 A. S. & W. electrical testing instruments—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 A. to Z. furntre plsh.—Alcatraz Co., Richmond, Va.



- A-W cements—Asabel Wheeler Co., 58 High, Boston, Mass.
- A. W. steel sheets, range boiler steel, floor plates, etc.—Alan Wood Iron & Steel Co., Widener bldg, Phila., Pa.
- A. Y. A. sheet packing—Adkins, Young & Allen Co., 561 Wash. Blvd., Chicago, Ill.
- A.-Z. metal automobile seats—A. Z. Co., 527 W. 56th, New York
- A. & B. blasting powder—du Pont E. I. deNemours & Co., Wilmington, Del.
- A. & B. gasoline engines—American & British Mfg. Co., Bridgeport, Conn.
- A. & D. tube cleaners—Osborn-Crew Mfg. Co., Cleveland, Ohio
- A. & E. ore concentrators—Colorado Iron Works Co., Denver, Colo.
- A. & J. egg & cream beaters, fruit & vegetable slicers, potato mashers—A. & J. Mfg. Co., Binghamton, N. Y.
- A. & W. electric illuminated signs—A. & W. Electric Sign Co., Cleveland, Ohio
- AAMCOLOSE dextrine, starch—C. M. Boley Co., 3722 N. Randolph, Phila., Pa.
- ABACOT static discharges—Lord Mfg. Co., 105 W. 40th, New York
- ABACUS fire doors—Kinnear Mfg. Co., Columbus, Ohio
- ABBE grinding & crushing mills—Beach-Russ Co., 220 Broadway, New York
- ABBE refractometers—Bausch & Lomb Optical Co., Rochester, N. Y.
- ABBOTT pipe fittings—Columbus Brass Co., Columbus, Ohio
- ABBOTT pipe hangers—Victor Supply Co., Springfield, Ohio
- ABBOTT steel balls, burnishing machines, tumbling barrels—Abbott Ball Co., Elmwood Station, Hartford, Conn.
- ABBOTT valve reseating tools—Abbott Hardware Co., 636 Columbus av, New York
- ABBOTT valve & service boxes—N. P. Bowsher Co., South Bend, Ind.
- ABCO automobile tire holders—Auto Brass Mfg Co., 56 Friendship, Providence, R. I.
- ABELL distance recording meters—Sibley & Pitman, 19 W. 36th, New York
- ABENAQUE gas compressors, traction engines—Abenaque Machine Works, Westminster Station, Vt.
- ABENDROTH water tube boilers—Abendroth & Root Mfg. Co., Newburgh, N. Y.
- A-BEST-O electric sad irons, Dover Mfg. Co., Canal Dover, O.
- ABINGDON farm wagons & trucks—Abingdon Wagon Co., Abingdon, Ill.
- AB-LU-ENT paint & varnish remover—Detroit White Lead Works, Detroit, Mich.
- ABNER acetylene gas machines—Krein Mfg. Co., Wapakoneta, Ohio
- ABNEY levels—Taylor Instrument Companies, Rochester, N. Y.
- ABNEY'S levels—Keuffel & Esser, Hoboken, N. J.
- ABORALL canned goods—Otoe Preserving Co., Nebraska City, Nebr.
- ABRAM tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.
- ABRAMS boiler flue & tube cleaners—Pilley Flue Brush Co., 601 S 3rd, St. Louis, Mo.
- ABRAMS steel wire brushes—F. W. Browne, Farmington, N. H.
- ABRAMS tube brush cleaners—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.
- ABSOLUTE lock-nuts & washers—American Lock Nut Co., 10600 Corliss av, Chicago, Ill.
- ABSORBIT dustless dust cloths—F. C. Hanson, Southbridge, Mass.
- ABSORBO dustless dust cloths—Chicago Feather Duster Co., 816 Fuston, Chicago, Ill.
- ABYSSINIUM carriage top dressing—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
- ACCURATE chemical fire engines & fire extinguishers—National Metal Stamping Mfg. Co., 494 Mulberry, Newark, N. J.
- ACETIC suction hose—Electric Hose & Rubber Co., 12th & Deere, Wilmington, Del.
- ACHESON dry battery fillers, lubricating oils & greases—International Acheson Graphite Co., Niagara Falls, N. Y.
- ACIMET acid valves—Cleveland Brass Mfg. Co., Cleveland, Ohio
- ACKERMAN automobile wind shields—Jos. N. Smith & Co., Detroit, Mich.
- ACKLEY electric car brakes—National Brake Co., Buffalo, N. Y.
- ACME adjustable expanding dies—American Tap & Die Co., Greenfield, Mass.
- ACME air valves—James P. March & Co., 118 S. Clinton, Chicago, Ill.
- ACME air washers—Iroquois Engineering Co., 343 S. Dearborn, Chicago, Ill.
- ACME aluminum solder—Universal Fluxine Co., Urbana, Ohio
- ACME annunciators—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
- ACME asbestos pipe coverings & cold water paints—Acme Asbestos Covering & Supply Co., 401 N. Ada, Chicago, Ill.
- ACME asparagus bunchers—Johnson Mfg. Co., 103 N. Front, Phila., Pa.
- ACME automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.
- ACME baling presses—G. D. Colton & Co., Galesburg, Ill.
- ACME battery switches—Reliable Electric Co., 411 S. Sangamon, Chicago, Ill.
- ACME bed & furniture casters, can openers, etc.—Schatz Mfg. Co., North Poughkeepsie, N. Y.
- ACME binder covers, cattle stanchions, corn binders, grass mowers, sickle grinders, etc.—Acme Harvesting Machine Co., Peoria, Ill.
- ACME blackboard surfacing material—American Seating Co., 14 E. Jackson Blvd, Chicago, Ill.
- ACME boiler compounds—Indianapolis Chemical Co., 1444 Madison ave, Indianapolis, Ind.
- ACME boiler compounds—Star Oil Co., 440 N. Halsted, Chicago, Ill.
- ACME boiler compounds—Warren & Bailey Mfg. Co., Los Angeles, Cal.
- ACME box scrapers, calking chisels, boat cleats, chain shackles, connecting links, etc.—Marine Hardware-Equipment Co., South Portland, Me.
- ACME box straps, pail clasps, steel mats, wire hinges, etc.—Acme Steel Goods Co., 2834 Archer ave., Chicago, Ill.
- ACME brake slack adjusters & pipe clamps—Western Railway Equipment Co., Central National Bank bldg., St. Louis, Mo.
- ACME buffing compositions—Hanson & Van Winkle Co., 269 Oliver, Newark, N. J.
- ACME buffing motors—Dilg Mfg. & Trading Co., 401 E. 163rd, New York
- ACME calendar pads—Southgate Press, 83 Broad, Boston, Mass.
- ACME can openers—Goodell Co., Antrim, N. H.
- ACME car diaphragms & curtain rollers—Acme Supply Co., 28 E. Jackson Blvd, Chicago, Ill.
- ACME carpet linings—H. W. Johns-Manville Co., Madison ave & 41st, New York
- ACME catch basins, cesspools, coal hole covers—Madison Foundry Co., 935 Addison rd, N. E., Cleveland, Ohio
- ACME cement wood fibre plaster—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
- ACME chain hoists—Franklin Moore Co., Winsted, Conn.
- ACME clod crushers—Duane H. Nash, Millington, N. J.
- ACME closet elbows, floor drains, grease traps—Compound Injector & Specialty Co., 419 N. Laramie ave, Chicago, Ill.
- ACME closet seats—Wm. S. Emery, 74 Cliff, New York
- ACME coal drills—Pettigrew Foundry Co., Harvey, Ill.
- ACME coal tar products—Warren Bros. Co., 59 Temple pl, Boston, Mass.
- ACME cobblers' outfits & shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
- ACME coffee roasters—Atsatt Bros., Mattapoisett, Mass.
- ACME cold-saw cutting-off machines, hand tapping machines—Hub Machine Welding & Contracting Co., 22nd & Race, Phila., Pa.
- ACME cold water paints, asbestos pipe & boiler coverings—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.
- ACME concrete cars & road spreading carts—Acme Equipment & Engineering Co., Garfield bldg., Cleveland, Ohio
- ACME core making machines—Berkshire Mfg. Co., Cleveland, Ohio
- ACME corkboard insulation, cork washers, life preservers—Armstrong Cork Co., Pittsburgh, Pa.
- ACME corn hooks—American Fork & Hoe Co., Cleveland, Ohio
- ACME corrugated metal road culverts—Canton Culvert & Silo Co., Canton, Ohio
- ACME cotton mops—Estes Mills, Fall River, Mass.
- ACME cotton rope—Anniston Cordage Co., Anniston, Ala.
- ACME diaphragm pumps—W. & B. Douglas, Middletown, Conn.



ACME dinner pails—National Enameling & Stamping Co., 411 5th av, New York  
 ACME door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ACME drilling machine vises—Lueck Mfg. Co., Enterprise bldg., Milwaukee, Wis.  
 ACME dry batteries—Nungesser Carbon & Battery Co., 1170 E. 38th, Cleveland, Ohio  
 ACME duck decoys—Canvas Decoy Co., Union City, Tenn.  
 ACME engine & machine oilers—Wm. Vogel & Bros., 37 S. 9th, Brooklyn, N. Y.  
 ACME farm wagons & auto truck trailers—Acme Wagon Co., Emigsville, Pa.  
 ACME faucet filters—Seed Filter & Mfg. Co., 96 Church, New York.  
 ACME fire box locomotive boilers—Titusville Iron Co., Titusville, Pa.  
 ACME fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.  
 ACME floor scraping machines, floor surfacing machines & mitre gauges—Jos. Miotke, Milwaukee, Wis.  
 ACME fly traps—Reynolds Wire Co., Dixon, Ill.  
 ACME folding door telephone cabinets—Acme Cabinet Co., 116 W. 32d, New York  
 ACME foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.  
 ACME fry pans & clothes line pulleys—New York Stamping Co., N. 11th & Ferry, Brooklyn, N. Y.  
 ACME gas heaters—Acme Specialty Mfg. Co., Toledo, Ohio  
 ACME gas radiators & gas & oil stove ovens—H. Adler Co., Carnegie, Pa.  
 ACME gauge cocks & sight feed lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
 ACME grapple forks—J. E. Porter Co., Ottawa, Ill.  
 ACME grass catchers—Philadelphia Lawn Mower Co., 3107 Chestnut, Philadelphia, Pa.  
 ACME hack saw machines—West Haven Mfg. Co., West Haven, Conn.  
 ACME hammock—D. W. Shoyer & Co., 394 Broadway, New York.  
 ACME hand corn planters—Potato Imple. Co., Traverse City, Mich.  
 ACME hand riveting machines—A. C. Williams Co., Ravenna, Ohio  
 ACME harness snaps—Frazer & Jones Co., Syracuse, N. Y.  
 ACME hose sprinklers—Elkhart Brass Mfg. Co., Elkhart, Ind.  
 ACME hosiery knitting machines—Acme Knitting Machines & Needle Co., Franklin, N. H.  
 ACME hot water & steam heaters—American Radiator Co., 830 S. Michigan ave, Chicago, Ill.  
 ACME ice cream freezers—Acme Freezer Co., 309 Green, Phila., Pa.  
 ACME improved plow coulters—Hartman Mfg. Co., Vincennes, Ind.  
 ACME instantaneous water heaters—Instantaneous Water Heating Co., Kalamazoo, Mich.  
 ACME insulating tape—General Electric Co., Schenectady, N. Y.  
 ACME jacks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.  
 ACME kitchen knives—W. G. Browne Mfg. Co., Kingston, N. Y.  
 ACME lamp glass chimneys—Gill Bros. Co., Steubenville, Ohio  
 ACME lawn mowers & haying tools—Whitman & Barnes Mfg. Co., Akron, Ohio  
 ACME lead seals, steel running board mats for automobiles—Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.  
 ACME liquid & paste polish—Acme Polish Co. (Ltd.), 71 12th, Pittsburgh, Pa.  
 ACME low water alarms—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.  
 ACME lumber crayons—American Crayon Co., Sandusky, Ohio  
 ACME metallic shingles—Messenger & Parks Mfg. Co., Aurora, Ill.  
 ACME neck yoke centers—Pioneer Pole & Shaft Co., Piqua, Ohio  
 ACME nestable culverts—Dominion Metal Product Co., Roanoke, Va.  
 ACME nestable culverts—Florida Metal Products Co., Jacksonville, Fla.  
 ACME oil cans—Dover Stamping & Mfg. Co., Cambridge, Mass.  
 ACME oil cup lubricators—American Lubricator Co., Detroit, Mich.  
 ACME oil filters—Walter L. Flower Co., 307 S. 8th St., St. Louis, Mo.  
 ACME paint and varnish remover—Acme White Lead & Color Works, Detroit, Mich.

ACME paper cutting machines—Child Acme Cutter & Press Co., 184 Summer, Boston, Mass.  
 ACME patent rat & mouse traps—Shann Mfg. Co., Middletown, N. Y.  
 ACME pierced wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.  
 ACME pipe clamps—Adreon Mfg. Co., Security bldg., St. Louis, Mo.  
 ACME pipe clamps, pipe hangers & curtain stretchers—Acme Mfg. Co., Bangor, Me.  
 ACME plate & cutlery polish—Dilig Mfg. & Trading Co., 401 E. 163rd, New York.  
 ACME platers' compounds—Geo. Zucker Co., 202 Emmett, Newark, N. J.  
 ACME plating barrels—Klauder-Weldon Machine Co., Amsterdam, N. Y.  
 ACME pliers & nippers—Higganum Hdw. Co., Higganum, Conn.  
 ACME polished steel shafting—Republic Iron & Steel Co., Youngstown, Ohio  
 ACME portable grain elevators—Fleming & Sons Mfg. Co., Huntville, Mo.  
 ACME potato diggers & planters—Potato Implement Co., Traverse City, Mich.  
 ACME power mills—G. S. Bell Co., Hillsboro, Ohio.  
 ACME pulverizers—Duane H. Nash, Millington, N. J.  
 ACME radiator shields—W. H. Johnson & Son Co., Indianapolis, Ind.  
 ACME rail braces—Bethlehem Steel Co., South Bethlehem, Pa.  
 ACME rapping plates—H. W. Knight & Son, Seneca Falls, N. Y.  
 ACME reinforcing bar benders—Chicago Builders Specialties Co., Old Colony bldg., Chicago, Ill.  
 ACME removable screw calks—James Reynolds Mfg. Co., New Haven, Conn.  
 ACME reversible pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 ACME rollers & fixtures—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.  
 ACME roof flanges & flashings—Acme Mfg. Co., Bangor, Me.  
 ACME row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
 ACME rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.  
 ACME safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.  
 ACME sash ribbon—Caldwell Mfg. Co., Rochester, N. Y.  
 ACME scales—Drunner Foundry & Mfg. Co., Peru, Ill.  
 ACME screw pitch gauges—Brown & Sharpe Mfg. Co., Providence, R. I.  
 ACME screw plates & stocks & dies—American Tap & Die Corp., Greenfield, Mass.  
 ACME sewer, tide & back water traps—Boston Brass Co., 135 Bacon, Waltham, Mass.  
 ACME shears & scissors—Acme Shear Co., Bridgeport, Conn.  
 ACME shoveling & end gate boards—Beggs Wagon Co., Kansas City, Mo.  
 ACME shutter hinges, self oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.  
 ACME soft center plow steel—Moline Plow Co., Moline, Ill.  
 ACME soil pipe testing plugs—Clark Bros., 218 S. 12th, Philadelphia, Pa.  
 ACME steam & hot water heaters—Wm. Bartley & Sons, Bartley, N. J.  
 ACME tank heaters—Cedar Rapids Pump Co., Cedar Rapids, Ia.  
 ACME vacuum heating valves—Acme Engineering Co., 1132 Washington blvd., Chicago, Ill.  
 ACME vestibule rollers & weather strips—Acme Supply Co., 28 E. Jackson blvd., Chicago, Ill.  
 ACME wall mills—Wrightsville Hardware Co., Wrightsville, Pa.  
 ACME weather strips—Robbins Mfg. Co., 1815 N. Central Park ave., Chicago, Ill.  
 ACME windmill regulators—Walker Mfg. Co., Council Bluffs, Ia.  
 ACME wire poultry netting—Eureka Fence Mfg. Co., Richmond, Ind.  
 ACME wood garden hose reels—Cardington Cabinet Co., Cardington, Ohio.  
 ACME wood handle spoons—Potter Mfg. Co., Geneva, Ohio.  
 ACME woven wire brushes—Thompson-Bonney Co., 45 York, Brooklyn, N. Y.  
 ACME KING binder attachments—Acme Harvesting Machine Co., Peoria, Ill.  
 ACME TILE sanitary flooring—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.  
 ACORN babbitt metal—A. W. Cadman Mfg. Co., 2814 Smallman, Pittsburgh, Pa.  
 ACORN calced plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.



- ACORN carbureters—Generator Valve Co., 296 Taaffe pl., Brooklyn, N. Y.
- ACORN carriage wheels—Crane & MacMahon, 10 Bridge, New York.
- ACORN die heads, spring dies—Greenfield Tap & Die Corp., Greenfield, Mass.
- ACORN match safes—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- ACORN oak flooring—Nashville Hardwood Flooring Co., Nashville, Tenn.
- ACORN stoves—Rathbone, Sard & Co., Albany, N. Y.
- ACORN ventilators—Messenger & Parks Mfg. Co., Aurora, Ill.
- ACORN water filters—T. Linke, 235 W. 46th, New York.
- ACTINOLITE roof paving compound—M. W. Powell Co., 140 S. Dearborn, Chicago, Ill.
- ACTIVE hot air furnaces—Thomas Roberts Stevenson & Co., American & Dauphin, Philadelphia, Pa.
- ACTIVE oil & grease cups—H. B. Sherman Mfg. Co., Battle Creek, Mich.
- ADAMANT board & wall plaster, wall finish—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
- ADAMANT varnish—Mayer & Loewenstein, 164 Water, New York.
- ADAMANTIAN wood fillers—O'Brien Varnish Co., South Bend, Ind.
- ADAMANTILE mosaic ceramic floor tile—National Mosaic Flooring Co., Mobile, Ala.
- ADAMANTINE dies, taps & drills—American Tap & Die Co., Greenfield, Mass.
- ADAMITE packing—Consolidated Packing & Supply Co., 136 Liberty, New York.
- ADAMMITE dies—Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
- ADAMS bags—Adams Bag Co., 1900 Euclid av, Cleveland, O.
- ADAMS bolt threading machines—Detrick & Harvey Machine Co., 508 E. Preston, Baltimore, Md.
- ADAMS bone mills—Wm. E. Pratt Mfg. Co., Chicago, Ill.
- ADAMS cars—Mudge & Co., 80 E. Jackson blvd, Chicago, Ill.
- ADAMS corn huskers, gasoline engines, etc.—M. Rumley Co., La Porte, Ind.
- ADAMS crayon & pencils—D. C. Adams Crayon Co., 121 Market, St. Louis, Mo.
- ADAMS equalizers & neck yokes—F. B. Adams & Son, Racine, Wis.
- ADAMS gas engines—Advance-Rumely Co., La Porte, Ind.
- ADAMS grate bar—Daugherty Foundry Co., Allentown, Pa.
- ADAMS grate bar—Edw. Sellers, Lewisburg, Pa.
- ADAMS motor inspection cars—Mudge & Co., 80 E. Jackson blvd, Chicago, Ill.
- ADAMS oils, tallow, greases, soap-stock, fatty acids—Fred C. Adams Co., 234 So. La Salle, Chicago, Ill.
- ADAMS sad iron heaters—Adams Co., Dubuque, Ia.
- ADAMS seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.
- ADAMS snow shovels—B. W. Aldrich & Co., Wallingford, Vt.
- ADAMSON rubber mill machinery—Adamson Machine Co., Akron, O.
- ADAPTABLE incandescent lamp replacers—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
- ADAPTI junction boxes—Adapti Mfg. Co., Cleveland, Ohio.
- ADDIE fuse testers—Electric Specialty Co., Cresco, Ia.
- ADDIS wood carving tools—Mack & Co., Rochester, N. Y.
- AD-EL-ITE enamels, shingle stains—Adams & Elting Co., 722 W. Washington, Chicago, Ill.
- ADELL automobile jacks—Adell Mfg. Co., Orange, Mass.
- AD-EL-LAC wood stains—Adams & Elting Co., 722 W. Washington, Chicago, Ill.
- ADIRONDACK row locks—Wilcox, Crittenden & Co., Middletown, Conn.
- ADJUSTABLE trench or sewer braces—Rock Products Equipment Corp., 42 Church, New York.
- ADJUSTAPHONE desk telephone brackets—Galesburg Writing Machine Co., Galesburg, Ill.
- ADJUSTO pipe sleeves—Beaton & Corbin Mfg. Co., Southington, Conn.
- ADJUSTO roof flanges—Adjusto Specialty Co., Springfield, Mass.
- ADMIRAL boat anchors—Columbia Steel Co., San Francisco, Cal.
- ADMIRAL cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.
- ADMIRAL hot water & steam heaters—Boynton Furnace Co., 106 W. 37th, New York.
- ADMIRAL lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- ADMIRAL oil cup lubricators—American Lubricator Co., Detroit, Mich.
- ADMIRAL packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
- ADMIRAL rowboat motors—Affiliated Mfrs. Co., 114 Grand, Milwaukee, Wis.
- ADMIRAL steam heaters—Boynton Furnace Co., 106 W. 37th, New York.
- ADMIRALTY condenser tubing—American Brass Co., Waterbury, Conn.
- ADREON-MORSE ratchet wrenches—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
- ADRIAN woven wire fences—Adrian Wire Fence Co., Adrian, Mich.
- ADRIANCE PLATT agricultural implements—Moline Plow Co., Moline, Ill.
- ADRO metal polish—Adro Co., 247 Pearl, New York.
- ADSCO gauges, pipe receivers, valves—American District Steam Co., No. Tonawanda, N. Y.
- ADT automatic wire straightening & cutting machines—John Adt & Son, New Haven, Conn.
- ADVANCE agricultural implements, compound engines—M. Rumley Co., La Porte, Ind.
- ADVANCE automobile & cushion springs—Jackson Cushion Spring Co., Jackson, Mich.
- ADVANCE axle grease, belt dressing, etc.—American Oil Corp., Jackson, Mich.
- ADVANCE babbitt metal—U. S. Reduction Co., E. Chicago, Ind.
- ADVANCE bean & pea cleaners—J. E. Owens Co., Minneapolis, Minn.
- ADVANCE bean & pea cleaners—C. O. Tinkhan, Akron, N. Y.
- ADVANCE boiler feeders & feed water purifiers—F. E. Keyes, 20 Broad, New York.
- ADVANCE brushes—Manufacturers Brush Co., 1958 W. 45th, Cleveland, Ohio.
- ADVANCE concrete mixers—Lansing Co., Lansing, Mich.
- ADVANCE corn & cob mills—Marseilles Co., East Moline, Ill.
- ADVANCE cotton rope—Anniston Cordage Co., Anniston, Ala.
- ADVANCE cupel machines, hydro-carbon burners, sample ore grinder—Calkins Co., Los Angeles, Cal.
- ADVANCE currycombs—Wisconsin Metal Products Co., Racine, Wis.
- ADVANCE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- ADVANCE drill chucks—Silver Mfg. Co., Salem, Ohio.
- ADVANCE ensilage & fodder cutters—Doylestown Agricultural Co., Doylestown, Pa.
- ADVANCE feed & hay carriers—Olson Mfg. Co., Albert Lea, Minn.
- ADVANCE ferro-nickel wire—Driver-Harris Co., Harrison, N. J.
- ADVANCE fertilizer distributors—Bateman Mfg. Co., Grenloch, N. J.
- ADVANCE gas engines—Henry, Millard & Henry Co., York, Pa.
- ADVANCE gasoline engines—Geo. D. Pohl Mfg. Co., Vernon, N. Y.
- ADVANCE ground connection clamps—Geo. Heine-mann & Co., 500 Girard ave., Philadelphia, Pa.
- ADVANCE hame tug plates—Frazer & Jones Co., Syracuse, N. Y.
- ADVANCE hose—Empire Tire & Rubber Corp., East Trenton, N. J.
- ADVANCE lawn mowers—American Lawn Mower Co., Muncie, Ind.
- ADVANCE loose leaf devices—Asa L. Shipman's Sons, 100 Chambers, New York.
- ADVANCE paper cutting machines—Challenge Machy. Co., Grand Haven, Mich.
- ADVANCE pumps & pumping outfits—Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.
- ADVANCE pyrometers—Wilson-Maeulen Co., 1 E. 42nd, New York.
- ADVANCE rubber stamps—Consolidated Stamp Mfg Co., 87 Maiden La., New York.
- ADVANCE sash operating device—O. J. Dean & Co., Association bldg., Chicago, Ill.
- ADVANCE smut treaters—Fosston Mfg. Co., St. Paul, Minn.
- ADVANCE spring tooth harrows—Ohio Rake Co., Dayton, Ohio.
- ADVANCE stapling machines—Saranac Machine Co., Benton Harbor, Mich.
- ADVANCE traction engines—Advance-Rumely Co., La Porte, Ind.
- ADVANCE water filters—T. Linke, 235 W. 46th, New York.
- ADVANCE woven wire fences—Advance Fence Co., Elgin, Ill.
- AEGISROLL asbestos protected metal roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.



AEOLUS air pumps—Bridgeport Brass Co., Bridgeport, Conn.  
 AERIAL hot water radiators—H. B. Smith Co., Westfield, Mass.  
 AERMOTOR gas engines, windmills—Aermotor Co., 1146 S. Campbell av., Chicago, Ill.  
 AERO air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.  
 AERO cable cars—Fairmont Electric & Mfg. Co., 2203 Pearl, Phila., Pa.  
 AERO chucks—Hannifin Mfg. Co., 621 S. Kolmar av., Chicago, Ill.  
 AERO lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.  
 AERO lubricating oils & greases—Puritan Oil & Paint Co., 1244 W. 70th, Cleveland, Ohio  
 AERO metal aluminum alloys—Garford Engineering Co., Elyria, Ohio  
 AERO padlock locks—Sargent & Co., New Haven, Conn.  
 AEROLUX porch shades—Aeroshade Co., Waukesha, Wis.  
 AERON air atomizers, brushes, compressors—DeVilbiss Mfg. Co., Toledo, Ohio  
 AEROPLANE shock absorbers—Goodyear Tire & Rubber Co., Akron, Ohio  
 AETNA ball seat cocks—Nason Mfg. Co., 71 Fulton, New York  
 AETNA blasting powder, dynamite, fuse, caps, etc.—Aetna Explosives Co., 120 B'way, New York  
 AETNA cement mfrs.—Aetna Portland Cement Co., Detroit, Mich.  
 AETNA curling iron heaters—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 AETNA drilling & milling machine vises—Aetna Mfg. Co., Attleboro, Mass.  
 AETNA gauge cocks—Vaile & Kimes Co., Dayton, Ohio  
 AETNA grate bars—Richard Thompson & Co., 126 Liberty, New York  
 AETNA grate bars & shaking grates—Bruce-Macbeth Engine Co., Cleveland, Ohio  
 AETNA grate bars & shaking grates—Salamander Grate Bar Co., 126 Liberty, New York  
 AETNA third rail insulators—Albert & J. M. Anderson Mfg. Co., 289 A. Boston, Mass.  
 AFRO-LAC floor finish & wood stains—U. R. Bowers & Sons, Los Angeles, Cal.  
 AGASCO paving pitch—Atlanta Gas Light Co., Atlanta, Ga.  
 AGASOTE artificial leathers—Pantasote Co., 11 Broadway, New York  
 AGATE KOTE enamels—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.  
 AGATHON steel billets—Central Steel Co., Massillon, Ohio  
 AGATITE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.  
 AGOS creamery testers—Vermont Farm Machine Co., Bellows Falls, Vt.  
 AGRIPPA chain wrenches, machinists' clamps & tool holders—J. H. Williams & Co., 150 Hamilton av., Brooklyn, N. Y.  
 AIKEN hollow handle tool sets—Sargent & Co., New Haven, Conn.  
 AIKEN pattern saw sets—Bullock Mfg. Associates, Springfield, Mass.  
 AIKEN saw sets—P. Lowentraut Mfg. Co., 36 Brenner, Newark, N. J.  
 AIKEN PATTERN saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.  
 AIR-ALARM fire alarms—Goldstein Eng'n'g Co., 45 Maiden la, New York  
 AIR KING padlock locks—Slaymaker Lock Co., Lancaster, Pa.  
 AIR-O-LITE portable table lamps—Cole-Halsted Light & Sales Co., Los Angeles, Cal.  
 AIR-O-LITE table lamp—Coleman Lamp Co., Wichita, Kans.  
 AIRTITE refrigerator & cooling rooms—National Refrigerator & Fixture Co., 8th & Park av., St. Louis, Mo.  
 AJAX asbestos brake lining—Asbestos & Rubber Works of America, 58th & Broadway, New York  
 AJAX asbestos roofing & insulation felts—H. W. Johns-Manville Co., Mad. av & 41st, New York  
 AJAX automobile trunks—Ajax Trunk & Sample Case Co., 91 Mercer, New York  
 AJAX babbitt metal, bearings, solder—Ajax Metal Co., 1000 Frankford av., Philadelphia, Pa.  
 AJAX barn door hangers—Stowell Co., S. Milwaukee, Wis.  
 AJAX battery motors & motor fans—Kendrick-Davis Co., Lebanon, N. H.  
 AJAX belt dressing—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.

AJAX bow sockets, carriage joints & top irons—Cortland Forging Co., Cortland, N. Y.  
 AJAX car diaphragms—Railway Appliance Co., 122 S. Michigan av., Chicago, Ill.  
 AJAX concrete barrows—Sterling Wheelbarrow Co., Milwaukee, Wis.  
 AJAX diaphragm pumps—W. & B. Douglas, Middletown, Conn.  
 AJAX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 AJAX draughting tables—Williams, Brown & Earle, 918 Chestnut, Philadelphia, Pa.  
 AJAX expansion & toggle bolts—Chicago Nut Co., 619 W. Jackson blvd., Chicago, Ill.  
 AJAX fire doors—The Kinnear Mfg. Co., Columbus, Ohio  
 AJAX fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 AJAX floor & ceiling plates—W. A. Russell & Co., 63 W. 37th, New York  
 AJAX galvanized iron range boilers—Walls, Owen & Stambach Co., Phila., Pa.  
 AJAX hot air furnaces—Co-Operative Foundry Co., Rochester, N. Y.  
 AJAX insulator pins & brackets—Diamond Expansion bolt Co., 89 West, New York  
 AJAX lamp adapters—Central Telephone & Electric Co., 311 N. 11th, St. Louis, Mo.  
 AJAX letter drop plates & rust proof mail boxes—Ajax Hardware Mfg. Co., 1100 Military rd., Buffalo, N. Y.  
 AJAX liquid paste metal polish—Crowell Chemical Co., Beverly, Mass.  
 AJAX machinists' vises—Bonney Vise & Tool Works, Allentown, Pa.  
 AJAX packing—Squires & Byrne Rubber Co., San Francisco, Cal.  
 AJAX paint & white wash spraying machines—Humphreys Mfg. Co., Mansfield, Ohio  
 AJAX paints & impregnating compounds—Sherwin-Williams Co., Cleveland, Ohio  
 AJAX phosphor bronze ingots—Ajax Melting Co., 1000 Frankford av., Phila., Pa.  
 AJAX pneumatic riveters—Cleveland Pneumatic Tool Co., Cleveland, Ohio  
 AJAX pole clamps & tree & wall insulators—Line Material Co., South Milwaukee, Wis.  
 AJAX rocking grate bars & shaking grates—Valley Iron Works, Williamsport, Pa.  
 AJAX rubber bands—Parker, Stearns & Co., 286 Sheffield av., Brooklyn, N. Y.  
 AJAX rubber bottles—Tyer Rubber Co., Andover, Mass.  
 AJAX rubber horse shoe pads—Revere Rubber Co., 60 High, Boston, Mass.  
 AJAX rubber tires—Ajax-Grieb Rubber Co., Trenton, N. J.  
 AJAX shaking grates—Chas. Robson & Co., 8th & Washington av., Phila., Pa.  
 AJAX tinner's snips—Acme Shear Co., Bridgeport, Conn.  
 AJAX tool steel—B. M. Jones & Co., 141 Milk, Boston, Mass.  
 AJAX turbine water wheels—Salem Foundry & Machine Works, Salem, Va.  
 AJAX wood boring machines—Ajax Mfg. Co., Pittsburgh, Pa.  
 AJAX wood saw rods—Sargent & Co., New Haven, Conn.  
 AJAX Hinged door hangers—Stowell Co., S. Milwaukee, Wis.  
 AJEX electric hand massage vibrators—Schunck & Ogg, 235 Canal, New York  
 AKAR ignition apparatus, spark timers—Akar Ignition Co., 149 Berkley, Wayne Junction, Phila., Pa.  
 AKINS rail braces—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 AKINS-ROTHWELL mining agitators—Colorado Iron Works Co., Denver, Colo.  
 AKRO-METAL gaskets—Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio  
 AKRON chilian mills—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 AKRON fertilizer distributors & garden cultivators—Akron Cultivator Co., Akron, Ohio  
 AKRON friction clutches—Williams Foundry & Machine Co., Akron, Ohio  
 AKRON hot air furnaces—May-Fieberger Co., Akron, Ohio  
 AKRON lead & copper gaskets, plain & corrugated—Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio  
 AKRON roofing tile—Akron Roofing Tile Co., Akron, O.  
 AKRONITE compressed asbestos gaskets—Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio



- ALABAMA belting hose packing—Empire Tire & Rubber Corp., East Trenton, N. J.
- ALABAMA cement mfrs.—Southern Cement Co., Birmingham, Ala.
- ALABAMA corrugated rim ventilators—Decatur Cor- nice & Roofing Co., New Decatur, Ala.
- ALABAMA cotton rope—Anniston Cordage Co., An- niston, Ala.
- ALABASTER cement plaster, wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
- ALABASTINE wall finish—Alabastine Co., Grand Rapids, Mich.
- ALADDIN aluminum hollow ware—Cleveland Metal Products Co., Ivanhoe rd & N. Y. C. R. R., Cleveland, Ohio
- ALADDIN metal polish—Hearsey, Willis Co., 329 N. Capitol av, Indianapolis, Ind.
- ALADDIN stoves—Burdett Smith & Co., Troy, N. Y.
- ALADDIN electric gas lighters—Universal Novelty Works, 147 W. 23d, New York
- ALASKA ice chippers & ice cream freezers—Alaska Freezer Co., Winchendon, Mass.
- ALASKAN ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
- ALASKAN water coolers—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- ALBA arc lamp globes, elec. & gas light fixtures, glass shades—Macheth-Evans Glass Co., Wabash bldg, Pittsburgh, Pa.
- ALBA cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
- ALBA flaming arc lamps—Chas. L. Kiewert Co., 165 Greenwich, New York
- ALBA sash cords—Estes Mills, Fall River, Mass.
- ALBA whitening—Industrial Chemical Co., 200 5th av, New York
- ALBANOID sheet packing—Thermoid Rubber Co., Trenton, N. J.
- ALBANY concrete mixers—Albany Hardware Spec- ialty Mfg. Co., Albany, Wis.
- ALBANY grate bar & smokeless furnaces—Geo. H. Thacher & Co., Albany, N. Y.
- ALBANY paint & varnish remover—Albany Chemical Co., Albany, N. Y.
- ALBANY tool steel—Ludlum Steel Co., Watervliet, N. Y.
- ALBANY track jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
- ALBECO laminated leather belting mfrs.—American Laminated Belting Co., 30 Church, New York
- ALBEMARLE cotton rope—Anniston Cordage Co., Anniston, Ala.
- ALBERGER feed water heaters—Alberger Heater Co., Buffalo, N. Y.
- ALBERGER-CURTIS steam turbines—Alberger Pump & Condenser Co., 140 Cedar, New York
- ALBERT battery motors—Ohio Electric Works, Cleveland, Ohio
- ALBEX goggles & eye protectors—T. A. Wilson & Co., Reading, Pa.
- ALBION disc harrows—Gale Mfg. Co., Albion, Mich.
- ALBION high speed steel—Hobson-Houghton & Co., 82 Beekman, New York
- ALBION spring tooth harrows—Gales Mfg. Co., Al- bion, Mich.
- ALBO shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- ALBREE pneumatic riveters—Chester B. Albree Iron Works, N. S. Pittsburgh, Pa.
- ALBRIGHT closet seats—Patterson-Kiser Seat Co., Greensboro, N. C.
- ALBRIGHT harness hooks, mane combs—Rubber & Celluloid Harness Trimming Co., 56 Ferry New- ark, N. J.
- ALBRO worm gears—Albro-Clem Elevator Co., Phila., Pa.
- ALCA lime—Chas. Warner Co., Wilmington, Del.
- ALCA lime—Woodville Products Co., Toledo, Ohio
- ALCA lime wall plaster—Glencoe Lime & Cement Co., Syndicate Tr. bldg, St. Louis, Mo.
- ALCO acetylene gas burners, lava, lava insulators & gas burner tips—American Lava Co., Chatta- nooga, Tenn.
- ALCOVIE carriage top dressing—F. Matt & Co., 491 Washington, Newark, N. J.
- ALDEN ring packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
- ALDERMAN adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
- ALDERNEY butter colors—Heller & Merz Co., 503 Hudson, New York
- ALDINE lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- ALDON car replacers, portable rail saws—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
- ALDRICH electric pumps—Aldrich Pump Co., Allen- town, Pa.
- ALDRICH tinware—Aldrich Mfg. Co., Buffalo, N. Y.
- ALERT safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- ALEXALL insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- ALEXANDER car replacers, wrecking frogs—Alexan- der Car Replacer Mfg. Co., Scranton, Pa.
- ALEXANDER gauge cocks & water gauges—Marion Machine, Foundry & Supply Co., Marion, Ind.
- ALFORD vises—Millers Falls Co., 28 Warren, New York
- ALGONKIN cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
- ALHPA rubber tubing—Parker-Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
- ALIGATOR-mechanics' aprons—Ferguson Waterproof Co., Grand & Hickory, St. Louis, Mo.
- ALIMSCO cordage & twine—American Mills Co., At- lanta, Ga.
- ALITE stair nosing—Zenite Metal Co., Indianapolis, Ind.
- ALKACENE waterproof portland cement—Zibell Damp Resisting Paint Co., 273 Water, New York
- ALKALI proof paints—Glidden Varnish Co., Clevel- land, Ohio
- ALLAN babbitt metal, bearings, engine pistons—A. Allan & Son, 6th & Bergen, Harrison, N. J.
- ALL DAY lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
- ALLEGHENY corrugated iron—Allegheny Steel Co., Oliver bldg, Pittsburgh, Pa.
- ALLEGHIENY packing—Anchor Packing Co., Lafay- ette bldg, Phila., Pa.
- ALLEN air hardening steel—Edgar Allen & Co., 718 W. Lake, Chicago, Ill.
- ALLEN—base balls—National Base Ball Mfg. Co., Schenectady, N. Y.
- ALLEN commutator compounds, soldering flux, paste, salts & stick—L. B. Allen Co., 4519 N. Lincoln, Chicago, Ill.
- ALLEN drill machines—Chas. G. Allen Co., Barre, Mass.
- ALLEN high speed steel—Edgar Allen & Co., 718 W. Lake, Chicago, Ill.
- ALLEN hose clamps—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.
- ALLEN ice & refrigerating machines—H. B. Roelker, 41 Maiden Lane, New York
- ALLEN lock nuts & washers—National Steel Products Co., Marquette bldg, Cleveland, Ohio
- ALLEN machinists' rules—Lufkin Rule Co., Saginaw, Mich.
- ALLEN safety set screws—Allen Mfg. Co., 135 Shel- don, Hartford, Conn.
- ALLEN sheep shearing machines—Oscar Goes & Co., 1823 W. Lake, Chicago, Ill.
- ALLEN steam & hot water heaters—Wm. Allen & Sons Co., Worcester, Mass.
- ALLEN tire covers & tire pressure gauges—Allen Auto Specialty Co., 16 W. 61st, New York
- ALLEN—tumbling barrels—E. J. Woodison Co., De- troit, Mich.
- ALLEN wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
- ALLEN-BRADLEY crane controllers, motor starters, switches—Allen-Bradley Co., Milwaukee, Wis.
- ALLEN-RANDELL bolt clippers—H. K. Porter, Everett, Mass.
- ALLEN RICHARDSON valves—H. G. Hammett, Troy, N. Y.
- ALLEN UNIVERSAL socket wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.
- ALLEN'S imperial high speed steel—Edgar Allen & Co., 718 W. Lake, Chicago, Ill.
- ALLEN'S metal polish—Western Robe Mills, 24 E. 8th, Chicago, Ill.
- ALLENTOWN cement—Allentown Portland Cement Co., Allentown, Pa.
- ALLFREE locomotive valves—Hobart Allfree Co., 37 W. Vanburen, Chicago, Ill.
- ALLIANCE trench braces—Dunn Mfg. Co., Preble av, N. S. Pittsburgh, Pa.
- ALLIGATOR belt lacing—Flexible Steel Lacing Co., 522 S. Clinton, Chicago, Ill.
- ALLIGATOR check protectors—S. I. Atwater, 101 Lafayette, New York
- ALLIGATOR packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
- ALLIGATOR wire connectors—Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.
- ALL-IN-ONE door check & spring—Bayer Gardner-Himes Co., 101 Park av, New York
- ALL-IN-ONE ground connection clamps—Fairmount Electric & Mfg. Co., 59th & Woodland, Phila., Pa.
- ALL-IN-ONE plows—Gantt Mfg. Co., Macon, Ga.
- ALLIS continuous heating furnace—Geo. J. Hagan Co., Peoples Bank bldg, Pittsburgh, Pa.



ALLIS engines—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 ALLITH door hangers, fire door fittings, latches, carriers—Allith-Prouty Co., Danville, Ill.  
 ALL PURPOSES traction engines—Advance-Rumely Co., La Porte, Ind.  
 ALLRIGHT fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.  
 ALLRIGHT plumbers' wood work—Patterson-Kiser Seat Co., Greensboro, N. C.  
 ALL-STEEL mitre boxes—Goodell-Pratt Co., Greenfield, Mass.  
 ALLWAYS electric desk lights—American Electric Co., 6401 S. State, Chicago, Ill.  
 ALL WHITE bath room fixtures—Bay Ridge Specialty Co., 5613 First av. Brooklyn, N. Y.  
 ALLWON buffer sets—U. S. Specialty Co., Middletown, Conn.  
 ALL WORK tractors—Electric Wheel Co., Quincy, Ill.  
 ALMETAL clothes washing machines—Almetal Mfg. Co., 7227 Manchester av. St. Louis, Mo.  
 ALMOND drill chucks, flexible metallic tubing, countershafts—T. R. Almond Mfg. Co., Ashburnham, Mass.  
 ALOL carriage top dressing—Viscol Co., Cambridge, Mass.  
 ALOMO cotton planing drills—Racine-Sattley Co., Springfield, Ill.  
 ALPHA automobile specialties, rubber specialties—Parker-Stearns & Co., 276 Sheffield, Brooklyn, N. Y.  
 ALPHA belting—American Belting Co.'s, 1609 Gough, Baltimore, Md.  
 ALPHA cement—Alpha Portland Cement Co., Alpha, N. J.  
 ALPHA conductors' whistles—Riley-Klotz Mfg. Co., 17 Mulberry, Newark, N. J.  
 ALPHA cotton mops—Estes Mills, Fall River, Mass.  
 ALPHA force feed lubricators, hand pumps, oil pump lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 ALPHA photographic paper—G. Cramer Dry Plate Co., Shenandoah & Lemp avs., St. Louis, Mo.  
 ALPINE electric sad irons—H. J. Alperin Co., 720 Euclid av. Cleveland, Ohio.  
 ALPINE feed cutters—Jos. Dick Mfg. Co., Canton, Ohio  
 ALPINE WAX OIL furniture polish & dust absorbing floor oils, etc.—Samuel Lewis, 73 Barclay, New York  
 ALSEN cement—Alsen's American Portland Cement Works, Alsen, N. Y.  
 ALSOP boll extractors—Alsop Process Co., St. Louis, Mo.  
 ALSTON'S seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.  
 ALSTON'S spring handle currycombs—Weber & Kirch Mfg. Co., Keokuk, Ia.  
 ALTICK telephone cabinet work—C. H. Brownell, Peru, Ind.  
 ALUMINA-Soapalite soap powders—Electric Smelting & Aluminum Co., Lockport, N. Y.  
 ALUMINO & ELECTRIC oil stoves & heaters—Novelty Mfg. Co., Jackson, Mich.  
 ALUMINUM clock mfrs.—Aluminum Container Corp., Fulton, N. Y.  
 ALUNDUM grinding wheels—Norton Co., Worcester, Mass.  
 ALUSTRUM enamel gold paints—Devoe & Reynolds Co., 101 Fulton, New York  
 ALVA incandescent gas mantles—D. M. Stewart Mfg. Co., Chattanooga, Tenn.  
 ALVORD shears & scissors—Atlas Shear Co., Bridgeport, Conn.  
 ALWAYS cold valve handles—H. A. Matthews Mfg. Co., Seymour, Conn.  
 ALWAYS READY pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.  
 ALWAYS RELIABLE alcohol torches, gasoline blast furnaces, kerosene furnaces—Otto Bernz, 21 Ashland, Newark, N. J.  
 AMALIE belt dressing, greases, oils, paints—L. Sonneborn Sons, 262 Pearl, New York  
 AMANCO concrete mixers, clothes washing machines, corn & cob mills, gasoline engines, pumping jacks—Associated Mfrs. Co., Waterloo, Ia.  
 AMATEUR fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.  
 AMATITE ready roofing—Barrett Co., 17 Battery pl, New York  
 AMAX mineral rubber—American Wax Co., 161 Summer, Boston, Mass.  
 AMAZON belting, hose & packing—Empire Tire & Rubber Corp., East Trenton, N. J.  
 AMAZON boiler compounds—Amazon Chemical Mfg. Co., Manistee, Mich.  
 AMAZON cotton hose—Mechanical Rubber Co., 73 Reade, New York.

AMAZON packing—New York Belting & Packing Co., 91 Chambers, New York  
 AMAZON rubber roofing—Barrett Co., 17 Battery pl, New York  
 AMBCO bronze metal bearings—American Manganese Bronze Co., Rhawn & Hegerman, Phila., Pa.  
 AMBER incandescent gas mantles—Welsbach Co., Gloucester City, N. J.  
 AMBESCO brake lining & packing—American Asbestos Co., Norristown, Pa.  
 AMBROSE piston packing—Ambrose Mach. Co., Provost & Eagle, Brooklyn, N. Y.  
 AMCO tire holders—Chicago Electric Mfg. Co., 2815 S. Halsted, Chicago, Ill.  
 AMERICA alarm clocks—Western Clock Co., La Salle, Ill.  
 AMERICA ensilage cutters—Wilder-Strong Implement Co., Monroe, Mich.  
 AMERICA incandescent gas mantles—American Gas Machine Co., Albert Lea, Minn.  
 AMERICA telephone switchboards—American Electric Co., 6401 State, Chicago, Ill.  
 AMERICA water closet tanks—Blairville Enameled Ware Co., Blairsville, Pa.  
 AMERICAN acid hose—American Metal Hose Co., Waterbury, Conn.  
 AMERICAN adding machines—American Can Co., 120 Broadway, New York  
 AMERICAN air valves—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 AMERICAN animal pokes—Tuller Mfg. Co., Kansas City, Mo.  
 AMERICAN apron bead—Sharon Steel Hoop Co., Sharon, Pa.  
 AMERICAN asphalt crushers—American Pulverizer Co., 32nd & Ridge, East St. Louis, Ill.  
 AMERICAN balanced valves—American Balance Valve Co., Jersey Shore, Pa.  
 AMERICAN barn door hangers—Griffin Mfg. Co., Erie, Pa.  
 AMERICAN bath cocks & traps—American Sanitary Mfg. Co., Abingdon, Ill.  
 AMERICAN belt cements—Hudson Belting Co., 3 Eaton pl. Worcester, Mass.  
 AMERICAN belt dressing—American Steam Packing Co., 10 High, Boston, Mass.  
 AMERICAN belting—American Belting Co.'s, 1609 Gough, Baltimore, Md.  
 AMERICAN belting—Voorhees Rubber Mfg. Co., 18 Bostwick av. Jersey City, N. J.  
 AMERICAN bilge pumps—American Cement Machine Co., Keokuk, Ia.  
 AMERICAN bow separators—Chas. Weiss & Son, 4715 Cottage Grove av. Chicago, Ill.  
 AMERICAN brass balls & ball & thrust bearings—American Ball Co., 115 Clifford, Providence, R. I.  
 AMERICAN brass & copper bars, rods, sheet tubing & wire—American Brass Co., Waterbury, Conn.  
 AMERICAN bread mixers—Roseland Can & Specialty Co., Rockford, Ill.  
 AMERICAN butter printing & cutting machines—D. H. Burrell & Co., Little Falls, N. Y.  
 AMERICAN can openers—N. R. Streeter & Co., Rochester, N. Y.  
 AMERICAN carbon paper—H. M. Storms Co., 11 Vandewater, New York  
 AMERICAN carpet nails—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 AMERICAN carriage top dressing—Weiss Polish Works, 216 S. Winchester av. Chicago, Ill.  
 AMERICAN centrifugal pumps—American Well Works, Aurora, Ill.  
 AMERICAN churns—American Wooden Ware Mfg. Co., Toledo, Ohio  
 AMERICAN clay machinery—American Clay Machinery Co., Bucyrus, O.  
 AMERICAN closet elbows & legs—American Sanitary Mfg. Co., Abingdon, Ill.  
 AMERICAN clover bunchers—American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.  
 AMERICAN coil switches & induction coils—American Coil Co., Foxboro, Mass.  
 AMERICAN column forms—American Metal Form Co., 343 S. Dearborn, Chicago, Ill.  
 AMERICAN corn planters—Sheffield Mfg. Co., Burr Oak, Mich.  
 AMERICAN corn & cob mills—Appleton Mfg. Co., Batavia, Ill.  
 AMERICAN cotton hose—Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 AMERICAN crayons—American Crayon Co., Sandusky, O.  
 AMERICAN cushion packing—National Mfg. & Engineering Co., 1539 Rase, Phila., Pa.  
 AMERICAN disc meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.



- AMERICAN disinfectants—Garden City Laboratory, 610 W. 43rd, Chicago, Ill.
- AMERICAN drafting tables, blue print filing cabinets, parallel rulers or automatic T squares, stock & special drafting room equipment—American Drafting Furniture Co., 199 Railroad, Rochester, N. Y.
- AMERICAN drill grinders—Herald Machine Co., Worcester, Mass.
- AMERICAN dry batteries—American Carbon & Battery Co., Signal Hill, East St. Louis, Ill.
- AMERICAN dry earth closets—American Warming & Ventilating Co., Elmira, N. Y.
- AMERICAN electric car headlights—Remy Electric Co., Anderson, Ind.
- AMERICAN electric heaters—American Electrical Heater Co., Detroit, Mich.
- AMERICAN electric washing machines—Horton Mfg. Co., Fort Wayne, Ind.
- AMERICAN electrolytic rectifiers—American Battery Co., 1132 Fulton, Chicago, Ill.
- AMERICAN elevators—American Elevator & Machine Co., Louisville, Ky.
- AMERICAN emery wheel dressers—Browne & Dowd Mfg. Co., Meriden, Conn.
- AMERICAN enameled steel conduits—American Conduit Mfg. Co., Keystone bldg, Pittsburgh, Pa.
- AMERICAN farm gates—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- AMERICAN feed cookers—Kelly Foundry & Machine Co., Goshen, Ind.
- AMERICAN feed grinding mills—Appleton Mfg. Co., Batavia, Ill.
- AMERICAN feed water filters & purifiers—American Water Softener Co., 10th & Chestnut, Phila., Pa.
- AMERICAN fire pots—American Brass & Copper Co., 138 Lafayette, New York
- AMERICAN flexible metallic hose & tubing—American Metal Hose Co., Waterbury, Conn.
- AMERICAN floor thimbles—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
- AMERICAN flue cutters—F. D. Redington Co., 112 S. Sangamon, Chicago, Ill.
- AMERICAN fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
- AMERICAN fodder cutters—Wilder-Strong Implement Co., Monroe, Mich.
- AMERICAN food choppers—American Cutlery Co., 764 Mather, Chicago, Ill.
- AMERICAN fruit evaporators—Edw. B. Fahrney, Waynesboro, Pa.
- AMERICAN gang saw edgers, saw mill dogs—American Sawmill Machinery Co., Hackettstown, N. J.
- AMERICAN garden barrows—Puffer-Hubbard Mfg. Co., 32nd av & S. 26th, Minneapolis, Minn.
- AMERICAN gas & gasoline lamps, gas machines—American Gas Machine Co., Albert Lea, Minn.
- AMERICAN gasoline blow torches—Henry W. Peabody & Co., 17 State, New York
- AMERICAN gasoline filters—American Oil Pump & Tank Co., Cincinnati, Ohio
- AMERICAN grass hooks—Knickerbocker Mfg. Co., Belleville, N. J.
- AMERICAN gravity couplings—Adreon Mfg. Co., Security bldg, St. Louis, Mo.
- AMERICAN grease—O. F. Zurn Co., Broadway & Lehigh av, Phila., Pa.
- AMERICAN green granite—Chas. Clements, Boston, Mass.
- AMERICAN grip comealongs—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.
- AMERICAN ground connection clamps—American Metal Works, Gtn. Phila., Pa.
- AMERICAN gut strings—American Gut String Mfg. Co., 4151 S. Ashland av, Chicago, Ill.
- AMERICAN hammer-anvils—Columbus Anvil & Forging Co., Columbus, Ohio
- AMERICAN hay knives—F. E. Kohler Co., Canton, Ohio
- AMERICAN horse nails—Ausable Horse Nail Co., Keeseville, N. Y.
- AMERICAN hospital stretchers—James H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
- AMERICAN hot air clothes dryers—Domestic Laundry Equipment Corp., 228 W. 26th, New York
- AMERICAN hydrants—H. F. Neumeyer & Son, Mauncie, Pa.
- AMERICAN incandescent electric lamps—American Lamp Works of G. E. Co., Central Falls, R. I.
- AMERICAN ingot iron—American Rolling Mill Co., Middletown, Ohio
- AMERICAN inverted gas lamps—American Gas Light Co., Kalamazoo, Mich.
- AMERICAN lath mills & bolters, log hauls, log turners, lumber trimmers—American Sawmill Machinery Co., Hackettstown, N. J.
- AMERICAN lawn dryers—A. E. Olmstead, Orwell, N. Y.
- AMERICAN lawn mowers—American Lawn Mower Co., Muncie, Ind.
- AMERICAN leather link belting mfrs.—Chas. A. Schieren & Co., 30 Ferry, New York.
- AMERICAN levels—Edward Helb, Railroad, Pa.
- AMERICAN limestone—Tompkins Kiel Marble Co., 505 5th av, New York
- AMERICAN liquid polish—Harvey Chemical Co., Lafayette, Ind.
- AMERICAN locomotive headlights—Remy Electric Co., Anderson, Ind.
- AMERICAN locomotive valves—American Balance Valve Co., Jersey Shore, Pa.
- AMERICAN log loaders, railroad ditching machines—American Hoists & Derrick Co., St. Paul, Minn.
- AMERICAN logging tools—American Logging Tool Co., Evart, Mich.
- AMERICAN loose pulley oilers—American Lubricator Co., Detroit, Mich.
- AMERICAN lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
- AMERICAN lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
- AMERICAN marine paints—Gardiner Paint Co., 15 William, New York
- AMERICAN massage vibrators—Southern Electric Co., 1100 Pine, St. Louis, Mo.
- AMERICAN mechanical stokers—American Stoker Co., 11 Broadway, New York
- AMERICAN metal lath—Penn Metal Ceiling & Roofing Co., 23d & Hamilton, Phila., Pa.
- AMERICAN metal shingles—Milwaukee Corrugating Co., Milwaukee, Wis.
- AMERICAN oak flooring—American Column & Lumber Co., St. Albans, W. Va.
- AMERICAN oil cabinets—American Oil Tank & Pump Co., Kindel & Central av, Cincinnati, Ohio
- AMERICAN oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
- AMERICAN paper folding machines—American Folding Machine Co., Warren, O.
- AMERICAN pedometers—American Pedometer Co., New Haven, Conn.
- AMERICAN pioneer pressed steel shaft hangers—Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
- AMERICAN piston rings—American Piston Ring Co., 704 S. 11th, Newark, N. J.
- AMERICAN plaster boards—American Cement Plaster Co., Lawrence, Kans.
- AMERICAN pneumatic yoke riveters—Hanna Engineering Works, 2059 Elston av, Chicago, Ill.
- AMERICAN pole steps—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- AMERICAN portable grain elevators—King & Hamilton Co., Ottawa, Ill.
- AMERICAN pumps—American Steam Pump Co., Battle Creek, Mich.
- AMERICAN radiators—American Radiator Co., 820 S Michigan av, Chicago, Ill.
- AMERICAN rail loaders—United Supply & Mfg. Co., Railway Exchange, Chicago, Ill.
- AMERICAN railroad paper—Wm. Mann Co., 529 Market, Phila., Pa.
- AMERICAN revolving screens, rock crushers—American Pulverizer Co., 32d & Ridge, East St. Louis, Ill.
- AMERICAN rope—American Mfg. Co., Noble, Brooklyn, N. Y.
- AMERICAN sash pulleys—Grant Pulley & Hardware Co., 3 W. 29th, New York
- AMERICAN scales—Beckman Bros. Des Moines, Ia.
- AMERICAN seal paints, cements—Wm. Connors Paint Mfg. Co., Troy, N. Y.
- AMERICAN self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.
- AMERICAN sickle edge knives—Ney Mfg. Co., Canton, Ohio
- AMERICAN spark plugs—American Coil Co., Foxboro, Mass.
- AMERICAN speedometers—American Ever Ready Works, 808 Hudson, New York
- AMERICAN stay bolts—American Flexible Bolt Co., Union Bank bldg, Pittsburgh, Pa.
- AMERICAN steam hammers—Monighan Machine Co., 2032 Carroll av, Chicago, Ill.
- AMERICAN steam traps—American District Steam Co., North Tonawanda, N. Y.
- AMERICAN steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.
- AMERICAN steel bins—American Culvert Co., Albert Lea, Minn.
- AMERICAN steel pulleys—American Pulley Co., 4200 Wissahickon av, Phila., Pa.
- AMERICAN stove pipe dampers—Griswold Mfg. Co., Erie, Pa.



AMERICAN telephones & apparatus—American Electric Co., 6401 S. State, Chicago, Ill.  
 AMERICAN testing meters—Buffalo Meter Co., 290 Terrace, Buffalo, N. Y.  
 AMERICAN tire & axle shrinkers—Champion Blower & Forge Co., Lancaster, Pa.  
 AMERICAN tobacco counter cutters—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.  
 AMERICAN track switches—United States Electric Signal Co., West Newton, Mass.  
 AMERICAN turbine generators—Remy Elec. Co., Anderson, Ind.  
 AMERICAN typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York  
 AMERICAN underwriters linen hose—Boston Belting Co., 84 Linden Park St., Boston, Mass.  
 AMERICAN unions—Henry B. Pancoast Co., 243 S. 3d, Phila., Pa.  
 AMERICAN valve discs—National Mfg. & Engineering Co., 1537 Race, Phila., Pa.  
 AMERICAN vegetable cutters—Athol Machine Co., Athol, Mass.  
 AMERICAN vulcanizers—Baum Iron Co., Omaha, Nebr.  
 AMERICAN waffle irons—Griswold Mfg. Co., Erie, Pa.  
 AMERICAN washing machines—American Wooden Ware Mfg. Co., Toledo, Ohio  
 AMERICAN water meters—Buffalo Meter Co., 290 Terrace, Buffalo, N. Y.  
 AMERICAN water motors—American Water Motor Co., Columbus, Ohio  
 AMERICAN water tube boilers—Steacy-Schmidt Mfg. Co., York, Pa.  
 AMERICAN wire lock washers—Hobbs Mfg. Co., Worcester, Mass.  
 AMERICAN AMSTER planimeters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 AMERICAN BEAUTY electric sad irons—American Electrical Heater Co., Detroit, Mich.  
 AMERICAN BEAUTY fruit jar rubbers—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 AMERICAN BEAUTY gas stoves & radiators—American Beauty Stove Co., Erie, Pa.  
 AMERICAN BEAUTY wall mills—Wrightsville Hardware Co., Wrightsville, Pa.  
 AMERICAN BOND automatic scales—American Machinery Co., 1229 Callowhill, Phila., Pa.  
 AMERICAN CROSSLEY gas engines—Worthington Pump & Machy. Corp., 115 B'way, New York  
 AMERICAN EAGLE safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.  
 AMERICAN FLUX brazing—American Alloys Co., American bldg, Baltimore, Md.  
 AMERICAN KING hammer handles—American Handle Co., Jonesboro, Ark.  
 AMERICAN KITCHEN FRIEND kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.  
 AMERICAN STANDARD feed water heaters—Whitlock Coil Pipe Co., Hartford, Conn.  
 AMERICAN Swiss pattern files—Nicholson File Co., Providence, R. I.  
 AMERICANAX axes—American Axe & Tool Co., Glassport, Pa.  
 AMERICORE rubber covered wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 AMERICUS cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.  
 AMERITE rubber covered wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 AMERMAC acoustic tile—Key Lock Arch Construction Co., 103 Park av, New York  
 AMES hollow augers—Jas. Swan Co., Seymour, Conn.  
 AMES lathes, milling machines, chucks—B. C. Ames Co., Waltham, Mass.  
 AMES locomotive sanders—American Safety Lamp & Mine Supply Co., Scranton, Pa.  
 AMES truck units—Ames Motor Car Co., Owensboro, Ky.  
 AMESBURY trolley wheels—Stuart, Howland Co., 234 Congress, Boston, Mass.  
 AMFLORITE sanitary floors—American Flooring Co., 101 Park av, New York  
 AMHERST gas stoves, ranges & hot air furnaces—Buffalo Co-Operative Stove Co., Buffalo, N. Y.  
 AMICALOLA white marble—Amicalola Marble Co., Ball Ground, Ga.  
 AMICO fire alarms, church & electric bells, electric flashers, electrical factory fire signals & fog horns, electric relays, distress, electric mine, factory & office, hospital & police signals—American Model & Instrument Co., Worcester, Mass.  
 AM McINNES marine paints—Gardiner Paint Co., 25 W. B'way, New York  
 AMMONIA packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 AMOILCO belt dressing & lubricating oils & greases—American Oil Co., Jackson, Mich.

AMPERE canvas belting—Victor Balata & Textile Belting Co., 38 Murray, Brooklyn, N. Y.  
 AMPHI automobile tire trunks—Welch & Sutherland Co., Fitchburg, Mass.  
 AMPINCO lock-nuts & washers, plumbers' specialties, safety pins, furniture trimmings—American Pin Co., Waterbury, Conn.  
 AMPRO electric bells—Keil, Francis & Son, 401 E. 163d, New York  
 AMS can makers' machinery & tools—Max Ams Machine Co., Bridgeport, Conn.  
 AMSCO dredging & excavating buckets, chains, castings, grinding rolls, mining screens, car wheels—American Manganese Steel Co., 332 S. Michigan av, Chicago, Ill.  
 AMSLER gas producers & reversing valves—Walter O. Amsler, Wabash bldg, Pittsburgh, Pa.  
 ANACONDA rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York  
 ANCHOR asbestos powder, colors—C. K. Williams & Co., Easton, Pa.  
 ANCHOR asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York  
 ANCHOR auto truck trailers—Anchor Buggy Co., C. H. & D., Ry, nr Gest, Cincinnati, Ohio  
 ANCHOR belt lacing—Kayser Raw Hide Co., 3914 N. Broadway, St. Louis, Mo.  
 ANCHOR boiler compounds—H. Kohlbrandt & Co., Cincinnati, Ohio  
 ANCHOR bolting cloth—R. L. Latimer & Co., 24 N. Front, Phila., Pa.  
 ANCHOR carriage axles, spring—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.  
 ANCHOR chain shackles—Thos. Laughlin Co., Portland, Me.  
 ANCHOR chain shackles—Wilcox, Crittenden & Co., Middletown, Conn.  
 ANCHOR clothes wringers—Lovell Mfg. Co., Erie, Pa.  
 ANCHOR cutting & drilling compounds, lubricating oils & greases, metal polish—Anchor Oil & Chemical Co., Cleveland, Ohio  
 ANCHOR door bells—Bradley & Farnham, Middlefield, Conn.  
 ANCHOR gas ranges & heaters—Anchor Stove & Range Co., New Albany, Ind.  
 ANCHOR guard rail clamps—American Guard Rail Fastener Co., Real Estate Trust bldg, Phila., Pa.  
 ANCHOR hatchets, adze, & boys' broad & hunters axes—Fayette R. Plumb, Inc., Tucker & James, Frankford, Phila., Pa.  
 ANCHOR hoisting engines—Superior Iron Works Co., Superior, Wis.  
 ANCHOR insecticides—Leggett & Bro., 301 Pearl, New York  
 ANCHOR linoleum—Germania Importing Co., 41 Union sq., New York  
 ANCHOR linseed oil & cake—Ankeny Linseed Oil Mfg. Co., Des Moines, Ia.  
 ANCHOR metal polish—Hoffman Paint & Varnish Co., Waters av, Boston, Mass.  
 ANCHOR ochres, oxide of iron, terra-alba & venetian reds—C. K. Williams & Co., Easton, Pa.  
 ANCHOR oxide of zinc—Gabriel & Schall, 205 Pearl, New York  
 ANCHOR pails, dry measures, wood tubs—Richmond Cedar Works, Fulton, Richmond, Va.  
 ANCHOR picture hooks—Buffalo-Dehn Co., 70 W. Chippewa, Buffalo, N. Y.  
 ANCHOR rubber cements—National Cement & Rubber Co., Toledo, Ohio  
 ANCHOR rubber hose—National India Rubber Co., Bristol, R. I.  
 ANCHOR rubber tile—Mercer Rubber Co., Trenton, N. J.  
 ANCHOR saddlery, hardware, shoe buckles, razor strop swivels—North & Judd Mfg. Co., New Britain, Conn.  
 ANCHOR safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.  
 ANCHOR sap sprouts—Franklinville Canning Co., Franklinville, N. Y.  
 ANCHOR seals—Keystone Seal & Press Co., 39 Cortlandt, New York  
 ANCHOR sink brushes—Philip Fogerty & Co., 49 Wyona, Brooklyn, N. Y.  
 ANCHOR skylights—E. Van Noorden & Co., 100 Magazine, Boston, Mass.  
 ANCHOR soldering flux—Garden City Laboratory, 610 W. 43rd, Chicago, Ill.  
 ANCHOR spark plugs—Szel Import & Export Co., 359 Broadway, New York  
 ANCHOR spring wire—Anchor Fence & Iron Co., Cleveland, Ohio  
 ANCHOR steel barrels, tanks, ventilators—Meurer Steel Barrel Co., 575 Flushing av, Brooklyn, N. Y.  
 ANCHOR welding compounds—Cortland Specialty Co., Cortland, N. Y.



- ANCHOR wire fence clamps—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- ANCHOR BRAND bridle bits, buckles, breast chains, breeching & hame clips, cockeyes, carriage fasteners, hooks, loops, pad screws, rests, rings, rosettes, scrapers, screws, slides, snaps, spurs, swivels, terrets, toggles & trimmings—hardware—North & Judd Mfg. Co., New Britain, Conn.
- ANCHOR BRAND colors, ochres, oxide of iron, powdered asbestos, terra alba—C. K. Williams & Co., Easton, Pa.
- ANDERSON adjustable electric lamp & light holder—Franklin Specialty Mfg. Co., 710 Eddy, Providence, R. I.
- ANDERSON air & steam traps, alarms, fertilizer expellers, fitters, dryers, oil presses, separators & water columns—V. D. Anderson Co., W. 96th, Cleveland, Ohio.
- ANDERSON altitude controlling valves—Mason Regulator Co., 1192 Adams, Boston, Mass.
- ANDERSON boiler stop valves, pressure reducing valves, plug cocks—Golden-Anderson Valve Specialty Co., Fulton bldg, Pittsburgh, Pa.
- ANDERSON draft gear—J. E. Forsyth, Peoples' Gas bldg, Chicago, Ill.
- ANDERSON drop forgings—Anderson Forge & Machine Co., Detroit, Mich.
- ANDERSON emery, wet & wood working tool grinders—Worcester Pattern & Model Co., Worcester, Mass.
- ANDERSON floor scraping machines—Triple "A" Machine Co., 4125 Ravenswood av, Chicago, Ill.
- ANDERSON gasoline engines—Dice Engine Co., Anderson, Ind.
- ANDERSON hose couplings, hose nozzles—G. A. Anderson Mfg. Co., Bush & Russell, Baltimore, Md.
- ANDERSON milling cutters, die forming, muzzling & tapping machines—Anderson Die Machine Co., Bridgeport, Conn.
- ANDERSON pipe couplings—Chapman Valve Mfg. Co., Indian Orchard, Mass.
- ANDERSON rolled steel gears—Anderson Rolled Gear Co., Cleveland, Ohio.
- ANDERSON switch stands—American Valve & Meter Co., Cincinnati, Ohio.
- ANDERSON time switches—A. & J. M. Anderson Mfg. Co., 289 A. Boston, Mass.
- ANDERSON traveling cranes—Lane Mfg. Co., Montpelier, Vt.
- ANDERSON wagon skeins—American Skein & Foundry Co., Racine, Wis.
- ANDERSON water heaters—Anderson - McCutcheon Co., Peekskill, N. Y.
- ANDERSON worm gear rings—Anderson Rolled Gear Co., Berea rd, Cleveland, Ohio.
- ANDERSON-BEVAN car derailleurs—General Railway Signal Co., Rochester, N. Y.
- ANDERSON-SMITH electric car headlights—St. Louis Car Co., 8000 N. Broadway, St. Louis, Mo.
- ANDERSONS wire easels—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- ANDES stoves—Phillips & Clark Stove Co., Geneva, N. Y.
- ANDREWS concrete tampers—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.
- ANDREWS hot air furnaces, steam & hot water heaters, safety valves—Andrews Heating Co., Minneapolis, Minn.
- ANDREWS meter boxes—Modern Iron Works, Quincy, Ill.
- ANDROCK can openers, flue stops, garment hangers, toasters, wall ties—Andrews Wire & Iron Works, Rockford, Ill.
- ANGELL elevator safety devices—Angell Elevator Lock Co., 370 Atlantic av, Boston, Mass.
- ANGELUS automatic water heaters—Solar Heater Co., Los Angeles, Cal.
- ANGER'S PERFECT cake fillers—Sargent & Co., New Haven, Conn.
- ANGLE fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
- ANGLE ice cream freezers—Angle Mfg. Co., 244 W. 23rd, New York
- ANGLE wind shields—H. J. Russell, Worcester, Mass.
- ANGLEROD brake beams—Damascus Brake Beam Co., Crosby & Nickel, Cleveland, Ohio.
- ANGLE STEM foundry chaplets—Combined Supply & Equipment Co., 766 Grant, Buffalo, N. Y.
- ANHYDROUS waterproof belting—Chas. L. Ireson, 221 High, Boston, Mass.
- ANIMALOIL belt dressing—Animal Oil Co., Ontario, nr Delaware river, Phila., Pa.
- ANKORITE gaskets, packing, pump valves—Anchor Packing Co., Lafayette bldg, Phila., Pa.
- ANKYRA anchor expansion & toggle bolts—Ankyra Mfg. Co., Wayne Jct., Phila., Pa.
- ANN ARBOR baling presses & fodder cutters—Ann Arbor Machine Co., Ann Arbor, Mich.
- ANNA cement—Balfour Granite Co., San Francisco, Cal.
- ANNAPOLIS steam heaters—J. H. McLain Co., Canton, Ohio.
- ANNEX lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- ANNEX storage batteries—Willard Storage Battery Co., 5716 Euclid av, Cleveland, Ohio.
- ANNISTON cotton rope—Anniston Cordage Co., Anniston, Ala.
- ANNUNCIPHONE telephone switchboards—Electric Goods Mfg. Co., Canton, Mass.
- ANOSKY adze—Am. Axe & Tool Co., Glassport, Pa.
- ANSONIA finger nail clippers—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.
- ANSONIA sewage ejectors—Ansonia Mfg. Co., 30 Church, New York
- ANTAKWA dipping paints—Antakwa Co., 133 W. Washington, Chicago, Ill.
- ANTHONY woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- ANTIAQUA waterproofing materials—Union Fibre Co., Winona, Minn.
- ANTI-CARBON lubricating oils & greases—American Oil Co., Jackson, Mich.
- ANTICLOG brass cleanouts & cesspools—Watertite Drain & Scupper Co., 351 Lexington av, New York
- ANTI-CORROSINE lubricating oils & greases—E. H. Kellogg & Co., 243 South, New York
- ANTI-DAMP waterproofing materials—Anti-Stick Co., Westerville, Ohio.
- ANTI-DOC medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York
- ANTI-DUST sweeping compounds—Anti-Dust Chemical Co., 1001 Water, Denver, Colo.
- ANTI-DUST sweeping compounds—Peabody Anti-Dust Co., Peabody, Mass.
- ANTI-EXPLO automobile mufflers—Gemco Mfg. Co., Milwaukee, Wis.
- ANTI-FALL ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.
- ANTI-FLAME fireproofing compounds—Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, Ohio.
- ANTIFORMIN brewers' & malsters' machinery disinfectants—American Antiformin Co., 168 Sth. Brooklyn, N. Y.
- ANTI-FREEZING fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.
- ANTI-FRICTION babbit metal—Thomas Wilde's Sons, 14 Dover, New York
- ANTI-GERM sanitary drinking fountains—Anti-Germ Fountain Co., 50 High, Boston, Mass.
- ANTIGNITE solution—Johns H. W.-Manville Co., Mad. av & 41st, New York
- ANTI-HYDRO waterproofing materials—F. M. Hausling, 170 Washington, Newark, N. J.
- ANTI-KLOG spray pumps—Illinois Metals Co., 2426 W. 22nd, Chicago, Ill.
- ANTI-LEAK pipe joint cements—J. R. & H. J. Bostwick, Clifton Springs, N. Y.
- ANTI-PINCH car doors & fittings—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.
- ANTI-PLUVIUS cornices & skylights—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
- ANTIQUE CLUB writing paper—W. B. Oglesby Paper Co., Middletown, Ohio
- ANTI-SAG screen door braces—F. Edw. Snyder, Massillon, Ohio
- ANTI-SCREW midget push buttons—Francis Keil & Son, 401 E. 163rd, New York
- ANTISEPTINE waterproofing materials, wood preservatives—American Wood Preserving Co., 1351 N. Branch, Chicago, Ill.
- ANTISEPTOL liquid soap & liquid soap dispensers—Antiseptol Liquid Soap Co., 564 W. Randolph, Chicago, Ill.
- ANTI-SLIP belt dressing—Geo. Callahan & Co., 218 Front, New York
- ANTI-SLIP ice creepers—Reading Saddle & Mfg. Co., Reading, Pa.
- ANTI-SLIP pulley dressing—Fansher Bros., Dayton, Ohio
- ANTI-SWEAT pipe covering—H. W. Johns-Manville Co., Mad. av & 41st, New York
- ANTI-WOOD push buttons—Francis Keil & Son, 401 E. 163rd, New York
- ANTLER surgical elastic hosiery—W. H. Horn & Bro., 431 N. 3rd, Phila., Pa.
- ANTLERS enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
- ANTOXIDE preserving & rust inhibitive paints—Harrison's, Inc., 35th & Gray's Ferry rd, Phila., Pa.
- ANVIL bread, butchers', carving & kitchen knives, cork screws, nut crackers & picks—Meriden Cutlery Co., Meriden, Conn.



ANVIL tackle blocks—Western Block Co., Lockport, N. Y.  
 ANYWHERE electric desk lights—Wm. F. Wolff Co., 563 W. 145th, New York  
 APCO automobile tire locks—Allith-Prouty Co., Danville, Ill.  
 APEX bath fittings—F. M. Dubois & Co., 247 9th av, New York  
 APEX belt dressing & belt lacing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.  
 APEX bread toasters—A. T. Knowlson Co., 99 Congress, Detroit, Mich.  
 APEX carbon paper & typewriter ribbons—Union Ribbon & Carbon Co., Phila., Pa.  
 APEX carriage fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.  
 APEX cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.  
 APEX flour sieves—Roseland Can & Specialty Co., Rockford, Ill.  
 APEX hot air furnaces—Youngstown Furnace Co., Youngstown, Ohio  
 APEX liquid soap, liquid soap dispensers, belt punches, bench stops, nail pullers, saw sets—Chas. Morrill, 100 Lafayette, New York  
 APEX pipe cutting & threading machines—Morrell Mfg. Co., 278 Curtis, Toledo, Ohio  
 APEX roofing paints—Richmond Bros., 117 E. 6th, Cincinnati, Ohio  
 APEX steel fence posts—Janesville Barb Wire Co., Janesville, Wis.  
 APEX EXTRA steel importers—Apex Steel Corp., 50 Church, New York  
 APEX O. N. S. steel importers—Apex Steel Corp., 50 Church, New York  
 APEX POLISHINE metal polish—A. D. Millers' Sons Co., Pittsburgh, Pa.  
 APOLLO automobile horns—Automobile Supply Mfg. Co., 220 Taaffe pl, Brooklyn, N. Y.  
 APOLLO galvanized iron—American Sheet & Tin Plate Co., Pittsburgh, Pa.  
 APOLLO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 APOLLO kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 APOLLO rubber roofing—Rubber Roofing Mfg. Co., 5 Cortlandt, New York  
 APPERLY feeds—Geo. S. Harwood & Son, 53 State, Boston, Mass.  
 APPLE automobile charging sets, gas igniters—Dayton Electrical Mfg. Co., Dayton, Ohio  
 APPLE parers—Reading Hardware Co., Reading, Pa.  
 APPLETON junction boxes, conduit fittings, locknuts—Appleton Electric Co., 230 N. Jefferson, Chicago, Ill.  
 APPLETON metal wheel farm trucks—Appleton Mfg. Co., Batavia, Ill.  
 APPLETON'S washer cutters—Sargent & Company, New Haven, Conn.  
 APPOLLO stoves—Buckwalter Stove Co., Royersford, Pa.  
 AQUA belting—Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.  
 AQUA coil packing—H. W. Johns-Manville Co., Mad. av & 41st, New York  
 AQUABAR concrete hardeners—Aquabar Co., Real Estate Trust bldg, Phila., Pa.  
 AQUABAR waterproofing materials—Aquabar Co., 900 Oxford, Phila., Pa.  
 AQUADAG graphite lubricants—International Acheson Graphite Co., Niagara Falls, N. Y.  
 AQUA JACK spray pumps—W. & B. Douglas, Middletown, Conn.  
 AQUALENE cutting oils—Crescent Oil Co., 50 Church, New York  
 AQUALITE fire & weatherproof paints—Columbia Refining Co., 90 West, New York  
 AQUAMARINE belting—American Belting & Tanning Co., 135 Oliver, Boston, Mass.  
 AQUA-NIT waterproofing materials—Jamestown Paint & Varnish Co., Jamestown, Pa.  
 AQUAPULT bucket spray pumps—W. & B. Douglas, Middletown, Conn.  
 AQUEDUCT wire glass—Pennsylvania Wire Glass Co., Penn bldg, Phila., Pa.  
 ARABIAN BRAND asbestos brake linings—Rosendale-Reddaway Belting & Hose Co., Newark, N. J.  
 ARBOL air valves—Bogardus-Nelson Co., Marshalltown, Ia.  
 ARC LAMP hanger boards—Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.  
 ARC LAMPS lightning arresters—P. & M. Co., 80 E. Jackson blvd, Chicago, Ill.  
 ARC SPRING currycombs—Decker Mfg. Co., Keokuk, Ia.  
 ARCADE cuspidors, foot scrapers, nut crackers & picks, hinges, screw drivers—Arcade Mfg. Co., Freeport, Ill.

ARCADE Swiss pattern files—Nicholson File Co., Providence, R. I.  
 ARCADIAN ceiling hooks—Arcade Mfg. Co., Freeport, Ill.  
 ARCHAMBAULT kerosene furnaces—Barnes Tool Co., New Haven, Conn.  
 ARCHBUTT-DEELEY water softening & purifying apparatus—Leigh & Butler, 232 Summer, Boston, Mass.  
 ARCH COLONEL golf balls—St. Mungo Mfg. Co., 81 Mt. Prospect av, Newark, N. J.  
 ARCHIMEDEAN stump pullers—A. B. Farquhar Co., York, Pa.  
 ARCO boilers & temperature regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 ARCO lubricating oils & greases—Arco Co., Euclid av, E. 65th, Cleveland, Ohio  
 ARCO padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 ARCO paint—Atlantic Refining Co., Cleveland, Ohio  
 ARCO refrigerators—Arlington Refrigerator Co., Arlington, Vt.  
 ARCO WAND vacuum cleaners—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 ARCTIC chloride of calcium—Pomeroy Salt Assn. Co., Pomeroy, Ohio  
 ARCTIC coal tongs, ice tongs, fruit presses, fry pans, sad iron heaters, stove trimmings, toilet paper holders—Fanner Mfg. Co., Cleveland, Ohio  
 ARCTIC explosives—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 ARCTIC ice cream freezers—White Mountain Freezer Co., Nashua, N. H.  
 ARCTIC lawn swings—Ohio Rake Co., Dayton, Ohio  
 ARCTIC lubricating oils & greases—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 ARCTIC packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 ARDEE sash locks—Dayton Mfg. Co., Dayton, Ohio  
 AREOLE stoves—Birmingham Stove & Range Co., Birmingham, Ala.  
 AREX ventilators—Arex Original Siphonage Ventilators, Conway bldg, Chicago, Ill.  
 ARGAM quebracho extracts—A. Klipstein & Co., 644 Greenwich, New York  
 ARGENTINE polished plate glass—Bache Semon & Co., 636 Greenwich, New York  
 ARGO high speed steel—John Illingworth Steel Co., Franklin, Pa.  
 ARGO photographic paper—Defender Photo Supply Co., Rochester, N. Y.  
 ARGO CULINARY vegetable oils & laundry starch—Corn Products Refining Co., 17 Battery pl, New York  
 ARGUS lightning arresters—Foote, Pierson & Co., 160 Duane, New York  
 ARGUTO oilless bearings—Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.  
 ARIEL hot air furnaces—Enterprise Foundry Co., Rochester, N. Y.  
 ARISTO photo-engraving arc lamps—Western Electric Co., 463 West, New York  
 ARISTO time switches—Chicago Electric Time Switch Co., 5128 Prairie, Chicago, Ill.  
 ARISTOS COPPERWELD copper clad steel wire—Page Woven Wire Fence Co., Monessen, Pa.  
 ARK high speed steel—Wm. Jessop & Sons Co., 91 John, New York  
 ARK padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 ARLINGTON barrel spray pumps—W. & B. Douglas, Middletown, Conn.  
 ARLINGTON blotting paper—Eaton Dikeman Co., Lee, Mass.  
 ARLINGTON mills degreas—W. L. Montgomery & Co., 10 High, Boston, Mass.  
 ARLINGTON stoves—Chilson Furnace Co., Mansfield, Mass.  
 ARMADA packing—Schultz Patent Rubber Co., Phila., Pa.  
 ARMALAC insulating varnishes—Massachusetts Chemical Co., Walpole, Mass.  
 ARMBRUST brake shoes—General Brake Shoe & Supply Co., 343 S. Dearborn, Chicago, Ill.  
 ARMCO asphalt shingles, paints, rubber roofing—All Roofing Mfg. Co., 1843 Converse av, East St. Louis, Ill.  
 ARMINIUS sulphur ores—Arminius Chemical Co., Mineral, Va.  
 ARMOR BRAND electric & gas light fixtures—National Metalizing Co., 236 5th av, New York  
 ARMOR BRONZE architectural & bronze tablets, hanging & household lamps—National Metalizing Co., 236 5th av, New York  
 ARMORDUCT interior conduits—Safety Armorite Conduit Co., 525 3rd av, Pittsburgh, Pa.  
 ARMORITE fireproof & sanitary flooring—Flexstone Construction Co., Columbus, Ohio  
 ARMOUR kitchen saws—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.



- ARMOUR's isinglass—Armour Ammonia Works, 3130 Benson, Chicago, Ill.  
 ARM SAVER corn huskers—Cleveland Lock Works, Cleveland, Ohio  
 ARMSTRONG elevator signals—Elevator Supplies Co., Hoboken, N. J.  
 ARMSTRONG linoleum—Armstrong Cork Co., Pittsburgh, Pa.  
 ARMSTRONG pavement cleaners—Pittsburgh Shovel Co., Oliver bldg, Pittsburgh, Pa.  
 ARMSTRONG pipe cutters, vises, wrenches, nipple holders, threading machines—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.  
 ARMSTRONG tool holders, boring, cutting-off, knurling & thread cutting tools, lathe dogs, ratchet drills, & drilling machine vises—Armstrong Bros. Tool Co., 339 N. Francisco av, Chicago, Ill.  
 ARMSTRONG well drilling machinery—Armstrong Mfg. Co., Waterloo, Ia.  
 ARMSTRONG PATTERN pipe threading dies—Reed Mfg. Co., Erie, Pa.  
 ARMSTRONG PATTERN pipe vises—Oswego Tool Co., Oswego, N. Y.  
 ARMY glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.  
 ARMY padlock locks—W. S. Lock & Hdwe. Co., Columbia, Pa.  
 ARMY & NAVY metal polish—Grady Mfg. Co., Ely av, Brooklyn, N. Y.  
 ARNO belting—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio  
 ARNO brake lining, rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio.  
 ARNOLD barn door hangers & fountain safety razors—Arnold Co., Reading, Pa.  
 ARNOLD carbide candles—Wm. Ainsworth & Sons, Denver, Colo.  
 ARNOLD clam shell buckets—Quintard Iron Works Co., 742 E. 12th, New York  
 ARNOLD electric massage vibrators—Arnold Elec. Co., Racine, Wis.  
 ARNOLD ice creepers—Ray Hubbell & Co., Northville, N. Y.  
 ARNOLD pressed steel wheels—Geneva Metal Wheel Co., Geneva, Ohio  
 ARNOLD stove pipe dampers—Arnold Damper (Inc.) Goshen, Ind.  
 ARNOLD'S draughting inks—Tower Mfg. & Novelty Co., 326 Broadway, New York  
 ARNOTT pile drivers' hammers—Union Iron Works, Hoboken, N. J.  
 AROOSTOCK potato sprayer pumps—Field Force Pump Co., Columbus, Ohio  
 AROOSTOOKAXE axes—Dunn Edge Tool Co., Oakland, Me.  
 ARRAS cream separators—Arras Cream Separator Co., Bluffton, Ohio  
 ARROCK sockets—Arrow Electric Co., Hartford, Conn.  
 ARROW aluminum solder—Lester Co., Fayetteville, N. Y.  
 ARROW ash & garbage cans, shipping cans, oil cans—Arrow Can Co., New York.  
 ARROW ball wicking—R. Bishop Mfg. Co., 157 W. Sixth, South Boston, Mass.  
 ARROW boiler compounds—Arrow Boiler Compound Co., Laclede bldg, St. Louis, Mo.  
 ARROW cable stringing trolleys—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.  
 ARROW chain link belting—Link Chain Co., Williamsport, Pa.  
 ARROW electric motors & transformers—Arrow Mfg. Co., Toledo, Ohio  
 ARROW electric plug cut outs, lamp holders, rosettes & switches—Arrow Electric Co., Hartford, Conn.  
 ARROW files—Troy File Works, Troy, N. Y.  
 ARROW fire extinguishers—M. L. Snyder & Son, 9 N. 4th, Philadelphia, Pa.  
 ARROW fire hose—Empire Tire & Rubber Co., East Trenton, N. J.  
 ARROW hay knives, mops, wood handles—Erie City Mfg. Co., Erie, Pa.  
 ARROW incandescent gas mantles—S. S. Momand Light Co., 336 Columbus av, New York  
 ARROW packing—W. D. Allen Mfg. Co., 133 W. Lake, Chicago, Ill.  
 ARROW shade cloth—Columbia Shade Cloth Co., 225 5th av, New York  
 ARROW spark plugs—Reflex Ignition Co., Cleveland, Ohio  
 ARROW steel Swedish electro—Stauffer, Eshleman & Co., New Orleans, La.  
 ARROW steel tool—John A. Crowley Co., 120 Liberty, New York  
 ARROW switches, lamp sockets, etc—Arrow Electric Co., Hartford, Conn.  
 ARROW valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.  
 ARROWHEAD reclaimed rubber—U. S. Rubber Reclaiming Works, 42d st bldg, New York  
 ARROWLOCK electric sanitary flooring—David E. Kennedy, Inc., 53 5th av, New York  
 ARROW TWENTY electric lamp sockets—Arrow Electric Co., Hartford, Conn.  
 ARSEECO liquid soap & liquid soap dispensers—Rosenstock Chemical Co., 245 W. 28th, New York  
 ART grease cup lubricators—American Lubricator Co., Detroit, Mich.  
 ARTCRETE flower pots—Hall Concrete Products Co., Grassland, Pa.  
 ARTGUM rubber erasers—Viscol Co., Cambridge, Mass.  
 ARTHUR hump rail blocks—W. H. Arthur, Washington bldg, Stamford, Conn.  
 ARTHUR nail pullers—J. R. Jackson & Co., Clinton, Ill.  
 ARTHUR rail blocks—Mack Mfg. Co., Land Title bldg, Phila., Pa.  
 ARTHUR JAMES fish hooks—L. D. Lothrop & Son, Gloucester, Mass.  
 ARTIC electrical bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.  
 ARTIC sad iron handles—Fanner Mfg. Co., Cleveland, Ohio  
 ARTIC sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 ARTIC tank heaters—U. S. Wind Engine & Pump Co., Batavia, Ill.  
 ART KRAFT conductor pipe, metallic shingles, steel ceilings—Canton Metal Ceiling Co., Canton, Ohio  
 ASA LEES & CO. bale breakers—Wm. Firth, 200 Devonshire, Boston, Mass.  
 ASBESTEEL metallic gaskets—Faul & Timmins, Buffalo, N. Y.  
 ASBESTINE sheet packing—Anchor Packing Co., Lafayette bldg, Phila., Pa.  
 ASBESTOCEL corrugated fireproof paper—H. W. Johns-Manville Co., Mad. av & 41st, New York  
 ASBESTOLITH gaskets & packing—Asbestos & Rubber Works of America, 58th & Broadway, New York  
 ASBESTONE sanitary flooring—Franklyn R. Muller & Co., Waukegan, Ill.  
 ASBESTOSIDE siding—H. W. Johns-Manville Co., Mad. av & 41st, New York  
 ASBESTOS METALLIC gaskets—Asbestos & Rubber Works of America, 58th & B'way, New York  
 ASBESTOSTEEL concrete reinforcing materials—Asbestos Protected Metal Co., First Nat'l Bank bldg, Pittsburgh, Pa.  
 ASBORON absorbent Cotton—Maplewood Mills, Fall River, Mass.  
 ASCO automobile horn bulb protectors—New York Wire & Spring Co., Washington & Leroy, New York  
 ASCO packing—American Supply Co., Mobile, Ala.  
 ASECO melting furnaces, rivet heating forges, oil tempering furnaces—American Shop Equipment Co., McCormick bldg, Chicago, Ill.  
 ASHCROFT gage cocks, low water alarms, planimeters—Ashcroft Mfg. Co., 119 W. 40th, New York  
 ASHLAND deep well—F. E. Myers & Bro., Ashland, Ohio  
 ASHLAND gut strings—Ashland Mfg. Co., W. 43d & S. Hermitage av, Chicago, Ill.  
 ASHLAND roller lawn swings, ratchet handle & hand pumps—F. E. Myers & Bro., 800 Orange, Ashland, Ohio  
 ASHLAR anchor bolts—Scovill Iron & Steel Co., 243 17th, Jersey City, N. J.  
 ASHLEY steel boiler settings—Tomahawk Steel & Iron Works, Tomahawk, Wis.  
 ASHTON fountains, gage cocks, valves—Ashton Valve Co., 161 First, Cambridge, Mass.  
 ASHTON sight feed lubricators—Walter L. Flower Co., St. Louis, Mo.  
 ASHWELL railroad copying paper—Wm. Mann Co., 529 Market, Phila., Pa.  
 ASPHATOIL road binders & preservatives—Gulf Refining Co., Frick bldg Annex, Pittsburgh, Pa.  
 ASPINWALL potato diggers & potato planters—Aspinwall Mfg. Co., Jackson, Mich.  
 ASSOCIATED automatic fire sprinklers—Associated Automatic Sprinkler Co., 2216 Vine, Phila., Pa.  
 ASTEROID asphalt roofing—Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio  
 ASTOR gas heaters, radiators, hot air furnaces & stoves—Union Stove Works, 70 Beekman, New York  
 AS-YOU-LIKE-IT desk telephone brackets—K. & B. Co., 25 No. 7th, Phila., Pa.  
 ATH-A-NOR hot air furnaces—May-Fieberger Co., Akron, Ohio



ATHERMOS refrigerators—Gurney Refrigerator Co., Fond du Lac, Wis.  
 ATHERTON coaster brakes—Buffalo Metal Goods Co., 196 Winchester av, Buffalo, N. Y.  
 ATHERTON loom pickers—Whitin Machine Works, Whitinsville, Mass.  
 ATHEY weather strips—Athey Co., 17 E. 23d, Chicago, Ill.  
 ATHOL jewelers' vises—Athol Machine Co., Athol, Mass.  
 ATKINS slime classifiers—Colorado Iron Works Co., Denver, Colo.  
 ATKINS A. A. A. car movers—E. C. Atkins & Co., Indianapolis, Ind.  
 ATKINSON gas producers—Dornfeld-Kunert Co., Watertown, Wis.  
 ATLANTA bench grinders & Emery Wheel Dressers—A. A. Wood & Sons Co., Atlanta, Ga.  
 ATLANTIC belt dressing—Atlantic Mfg. Co., Wilmington, Del.  
 ATLANTIC dry batteries—Eastern Carbon Works, 580 Henderson, Jersey City, N. J.  
 ATLANTIC packing—A. W. Chesterton Co., 64 India, Boston, Mass.  
 ATLANTIC pumps—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.  
 ATLANTIC shingle stains—Atlantic Paint Co., Cleveland, Ohio  
 ATLANTIC steam shovels—Bucyrus Co., South Milwaukee, Wis.  
 ATLANTIC stoves—Grinberg Bros., 154 South, New York  
 ATLAS asbestos brake linings—W. E. Pruden Hardware Co., 864 8th av, New York  
 ATLAS babbitt metal—Pacific Metal Works, 153 1st, San Francisco, Cal.  
 ATLAS ball bearing jacks—McKiernan-Terry Drill Co., 233 Broadway, New York  
 ATLAS belting—Acme Belting Co., Niles, Mich.  
 ATLAS breaking plows—S. R. White's Sons, Norfolk Va.  
 ATLAS car movers—Appleton Car Mover Co., Appleton, Wis.  
 ATLAS cement—Atlas Portland Cement Co., 30 Broad, New York  
 ATLAS electric blowers & exhausters—Horning Electric & Mfg. Co., Cleveland, Ohio  
 ATLAS elevator boots—Link-Belt Co., 39th & Stewart av, Chicago, Ill.  
 ATLAS fire extinguishers—Northern Fire Apparatus Co., Minneapolis, Minn.  
 ATLAS fly killers—Atlas Mfg. Co., New Haven, Conn.  
 ATLAS grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 ATLAS hair pickers—Curtis & Marble Machine Co., Worcester, Mass.  
 ATLAS life saving nets—S. F. Hayward & Co., 250 W. 54th, New York  
 ATLAS lubricating oils & greases—Swan & Finch Co., 165 B'way, New York  
 ATLAS metallic window frame—Manhattan Iron & Steel Sales Co., 122 E. 132d, New York  
 ATLAS platform trucks—Pressed Steel Truck Co., 844 Penna av, Pittsburgh, Pa.  
 ATLAS post caps & bases—Emil W. Ritter Co., Ashland blk, Chicago, Ill.  
 ATLAS post hole diggers—Seymour Mfg. Co., Seymour, Ind.  
 ATLAS pressure regulators—Hall Mfg. Co., Harrison, N. J.  
 ATLAS sanitary flooring—Atlas Floor Co., Old Colony bldg, Chicago, Ill.  
 ATLAS shears—Atlas Shear Co., Bridgeport, Conn.  
 ATLAS staybolt iron—Pittsburgh Forge & Iron Co., 1003 Penn av, Pittsburgh, Pa.  
 ATLAS steel balls—Atlas Ball Co., 4th & Glenwood av, Phila., Pa.  
 ATLAS switches, rail joints & track rail grinders—Atlas Railway Supply Co., 431 S. Dearborn, Chicago, Ill.  
 ATLAS tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.  
 ATLAS traction engines—Altman & Taylor Machinery Co., Mansfield, Ohio  
 ATLAS water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio  
 ATLAS weather strips—D. W. Bosley Co., 122 S. Michigan av, Chicago, Ill.  
 AT LAST clothes washing machines—At Last Washer Co., Perry, Ia.  
 ATOMIST potato sprayers—Voelkner & Harry, 282 E. Woodbridge, Detroit, Mich.  
 ATTACHO electric lanterns—Attacho Light Co., Syndicate Trust bldg, St. Louis, Mo.  
 ATTORNEY carbon paper—Non-Smut Carbon Mfg. Co., Rochester, N. Y.

ATTOS step ladders—Superior Ladder Co., Goshen, Ind.  
 ATWOOD box hinges—Stanley Works, New Britain, Conn.  
 ATWOOD pipe joints & tuyere cocks—Pittsburgh Valve, Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.  
 ATWOOD vacuum cleaners—Atwood Vacuum Cleaner Co., Rockford, Ill.  
 AUBURN mica plugs—New York Mica & Mfg. Co., 38 Market, Auburn, N. Y.  
 AUBURN porcelain plugs—Auburn Ignition Mfg. Co., Auburn, N. Y.  
 AUBURN steam heaters—Utica Heater Co., Utica, N. Y.  
 AUBURN wagons—Auburn Wagon Co., Martinsburg, W. Va.  
 AUDEMAIER binoculars—Spencer Optical Mfg. Co., 5 Maiden Lane, New York  
 AUDIFFREN-SINGRUN ice & refrigerating machines—H. W. Johns-Manville Co., Madison av & 41st, New York  
 AUGMORE stacks & dies—Augmore Mfg. Co., 5407 Sweeney av, Cleveland, Ohio.  
 AUGUSTINE rotary engines—Augustine Automatic Rotary Engine Co., Buffalo, N. Y.  
 AULD CO. pressure reducing valves—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.  
 AULTMAN-TAYLOR traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio  
 AUNT DINAH'S sink strainers—Andrews Wire & Iron Works, Rockford, Ill.  
 AUROLA flaming arc lamps—Chas. L. Kiewert Co., 165 Greenwich, New York  
 AURORA carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.  
 AURORA cupola ventilators—Messenger & Parks Mfg. Co., Aurora, Ill.  
 AURORA dinner pails—National Enameling & Stamping Co., 411 5th av, New York  
 AURORA drill presses—Aurora Tool Works, Aurora, Ind.  
 AURORA dumping wagons—Western Wheeled Scraper Co., Aurora, Ill.  
 AURORA glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.  
 AURORA lubricating oils & greases—Pigot, Sayre Co., 73 Front, New York  
 AURORA red sheet packing—General Asbestos Rubber Co., Charleston, S. C.  
 AURORA rubber hose—National India Rubber Co., Bristol, R. I.  
 AURORA rural mail boxes—Geo. E. Roesch, Aurora, Ill.  
 AURORA typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.  
 AUSABLE horse nails—Ausable Horse Nail Co., Keeseville, N. Y.  
 AUSTIN air pumps—H. F. Livermore Co., 85 Pearl, Boston, Mass.  
 AUSTIN concrete mixers—Municipal Engineering & Contracting Co., Railway Exchange bldg, Chicago, Ill.  
 AUSTIN drainage excavators—F. C. Austin Drainage Excavator Co., Railway Exchange bldg, Chicago, Ill.  
 AUSTIN locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.  
 AUSTIN oil separators—Austin Separator Co., Detroit, Mich.  
 AUSTIN pipe organs—Austin Organ Co., Hartford, Conn.  
 AUSTIN tire pumps—Wm. J. Bride Co., Reading, Mass.  
 AUSTRIAN-AMERICAN sanitary flooring—Frantz Djour, 903 Washington blvd, Chicago, Ill.  
 AUTOBIS automobile horns—Holtzer-Cabot Electric Co., Brookline, Mass.  
 AUTO CLE wrenches—Frank Mossberg Co., Attleboro, Mass.  
 AUTOCCLIPSE automobile headlights—Badger Brass Mfg. Co., Kenosha, Wis.  
 AUTOCLOVE milk sterilizing apparatus—Castle, Wilmot Co., Rochester N. Y.  
 AUTO CRANE portable clam shell tractors & car unloaders—John F. Byers Machine Co., 242 S. Sycamore, Ravenna, Ohio  
 AUTOCRAT dry batteries—Stackpole Carbon Co., St. Marys, Pa.  
 AUTOCRAT motor oil & greases—Bayerson Oil Works, Erie, Pa.  
 AUTODRIVER screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 AUTOFORCE ventilators—Autoforce Ventilating System, 53 Devonshire, Boston, Mass.  
 AUTO-KEMCLO chemical closets—Automatic Chemical Closet Co., Minneapolis, Minn.



- AUTO KING automobile oil soap—National Soap Co., 440 Franklin, Detroit, Mich.
- AUTO KING socket wrenches—Azadian Gauge Mfg. Co., Industrial bldg, Syracuse, N. Y.
- AUTO KURE medical batteries—J. H. Bunnell & Co., 32 Park pl, New York.
- AUTOLEUM lubricating oil & greases—Advance Packing & Supply Co., 11 N. Franklin Chicago, Ill.
- AUTOLINE lubricating oils & greases—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.
- AUTOMAT oxy-acetylene welding—Messer & Co., 210 N. 13th, Phila., Pa.
- AUTOMATIC can makers' machinery—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
- AUTOMATIC heaters—Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
- AUTOMATIC time stamps & recorders & electric clocks—Automatic Time Stamp Co., 159 Congress, Boston, Mass.
- AUTOMOBILE aluminum & manganese bronze castings; bearing metal—Sight Mfg. & Foundry Co., Pottstown, Pa.
- AUTOPHONE automatic telephones—S. W. Couch Co., Norfolk Downs, Mass.
- AUTOPHONE telephones—Automatic Electric Co., 1001 W. Van Buren, Chicago, Ill.
- AUTO QUEEN wrenches—C. M. B. Wrench Co., Garwood, N. J.
- AUTO-SPRAY pumps—E. C. Brown Co., Rochester, N. Y.
- AVALANCHE pneumatic weighers—Climax Machinery Co., Indianapolis, Ind.
- AVENARIUS CARBOLINEUM wood preservatives—Carbolineum Wood Preserving Co., 5 Nassau, New York.
- EVERY agricultural implements, pea hullers, self-feeders & ban cutters for threshers, stalk cutters, steam traction engines, straw burning traction engines, traction engine gang plows—Avery Co., Peoria, Ill.
- EVERY automobile lamps—Dayton Mfg. Co., Dayton Ohio.
- EVERY cultivators, harrows, potato diggers, fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
- EVERY tractors—Avery Co., Peoria, Ill.
- AVEY drilling machines—Cincinnati Pulley Machinery Co., Covington, Ky.
- AVIATOR sewing machines—Free Sewing Machine Co., 636 S. Clark, Chicago, Ill.
- AVIS fly traps—A. V. Avis, Pomona, Cal.
- AVON ironing boards—S. J. Eisenmann, 369 Broadway, New York.
- AVON stoves—Union Stove Works, 70 Beekman, New York.
- AWAY FROM THE WALL pipe hangers—Ira G. Lane Co., 1077 3d av, New York.
- AXEL switch staples—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- AXELSON sucker rods—Axelson Machine Co., 1406 San Fernando, Los Angeles, Cal.
- AXIOM rules—Irving Mfg. & Tool Co., 157 Chambers, New York.
- AXONETAT car lighting belts—Victor Balata & Textile Belting Co., 38 Murray, New York.
- AXTELL weather strips—E. I. Church & Co., W. Hanover, Mass.
- AXWELL spark plugs—Axwell Equipment Co., 421 Wood, Pittsburgh, Pa.
- AYERS peanut planters—J. R. Ayers, Petersburg, Va.
- AZAK solid cotton belting—Carton Belting Co., 52 Everett, Allston, Mass.
- AZTEC graphite paints—Lincoln Paint & Color Co., Lincoln, Neb.
- AZTEC oil tanks with pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- AZTEC road binders—U. S. Asphalt Refining Co., 90 West, New York.
- B. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
- B. cotton twine—Estes Mills, Fall River, Mass.
- B. fire resisting cements—Howard Co., New Haven, Conn.
- B. photometers—American Meter Co., 11th av & 47th, New York.
- B. B. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
- B. B. coil chains—Columbus Chain Co., Columbus, Ohio.
- B. B. coil chains—Hayden-Corbett Chain Co., Columbus, Ohio.
- B-B crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
- B. B. damper clips—Berger Bros. Co., 229 Arch, Phila., Pa.
- B. B. double acting spring hinges—Penn Hardware Co., Reading, Pa.
- B. B. dustless dust cloths, dustless mops, floor sweeping brushes, etc.—Milton Chemical Co., Cambridge, Mass.
- B. B. expanded metal lath—Berger Mfg. Co., Canton, Ohio.
- B-B pumps & windmills—Beckman Bros., Des Moines, Ia.
- B. B. sewer gas traps, bath traps, solderless copper, floats, pipe nipple holders, flushing valves & tank valves—Boston Brass Co., Waltham, Mass.
- B. B. shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
- B. B. trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
- B. B. B. coil chains—Columbus Chain Co., Columbus, Ohio.
- B. B. B. coil chains—Hayden-Corbett Chain Co., Columbus, Ohio.
- B-BRITE carriage top dressing—Polish Products Co., Kansas City, Mo.
- B. C copper ingots—Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
- B. C. rubber covered wire—Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
- B. C. spirits trupertine—Ball Chemical Co., Pittsburgh, Pa.
- B-C-CO fan pumps—Black-Clawson Co., Hamilton, Ohio.
- B. C. & D. belting—Bickford & Francis Belting Co., 35 Pearl, Buffalo, N. Y.
- B-D carbureters—Detroit Motor Castings Co., 229 Beaufait, Detroit, Mich.
- B. G. D. loom pickers—E. H. Jacobs Mfg. Co., Dan-ielson, Conn.
- B. H. M. Auto-Lock saws, tool sets, pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- B. H. MFG. CO. universal joints—B. Hoffman Mfg. Co., Milwaukee, Wis.
- B-K disinfectants—General Laboratories, Madison, Wis.
- B. K. metal polish—A. B. Polish Co., 1515 Haddon av, Chicago, Ill.
- B-L-K cow milking machine vacuum pumps—D. H. Burrell & Co., Little Falls, N. Y.
- B. M. C. steam condensers, tank heaters, steel bins, corn cribs, etc.—Butler Mfg. Co., Kansas City, Mo.
- B. O. blow-off valves—L. J. Bordo Co., 12th & Thompson, Phila., Pa.
- B. O. E. sad irons—Lootscher-Ryan Mfg. Co., Du-buque, Ia.
- B. O. E. spark plugs—Delta Mfg. Co., Bloomfield, N. J.
- B. O. T. plumbers' sanitary earthenware, water closets, closet seats & tanks—American Sanitary Works, Washington, N. J.
- B. P. S. paint—Patterson-Sargent Co., Cleveland, Ohio.
- B. R. E. closet seats & tanks—B. R. E. Mfg. Co., Hyde Park, Mass.
- B. S. breast strap slides—Frazer & Jones Co., Syracuse, N. Y.
- B-S insulating compounds—Mitchell-Rand Mfg. Co., 99 John, New York.
- B. S. Co. iron screws—Bridgeport Screw Co., Bridgeport, Conn.
- B. T. & B. molders' flasks—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
- B. V. S. varnish—Patterson-Sargent Co., Cleveland, Ohio.
- B-VER expansion reamers—Hjorth Lathe & Tool Co., 101 Fremont, Boston, Mass.
- B. W. DEFIANCE bond paper—Weston Byron Co., Dalton, Mass.
- B. W. H. splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- B. & B. commutator truing tools—General Electric Co., Schenectady, N. Y.
- B. & B. foundry moulding machines—B. & B. Mfg. Co., Indianapolis, Ind.
- B. & B. gas engines—Buckeye Engine & Foundry Co., Joliet, Ill.
- B. & B. propeller wheels—Bryant & Berry Co., 32 W. Atwater, Detroit, Mich.
- B. & C. floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
- B. & C. rock drill lubricators—Western Lubricating Valve Co., Denver, Colo.
- B. & C. S. wrenches—Bemis & Call Hardware & Tool Co., 983 Main, Springfield, Mass.
- B. & D. electric drills & portable grinders—Black & Decker Mfg. Co., 111 S. Calvert, Baltimore, Md.
- B. & D. CO., knives & ice chisels—Browne & Dowd Mfg. Co., Meriden, Conn.



- B. & E. gas engines—Bates & Edmonds Motor Co., Lansing, Mich.
- B. & F. belting—Bickford & Francis Belting Co., 35 Pearl, Buffalo, N. Y.
- B. & F. belting—J. F. & W. H. Warren Co., Worcester, Mass.
- B. & G. fanning mills—Bristol & Gale Co., 158 Carroll av., Chicago, Ill.
- B. & H. cement—Cumberland Hydraulic Cement & Mfg. Co., Cumberland, Md.
- B. & K. coal jigs—Mt. Carmel Iron Works, Mt. Carmel, Pa.
- B. & K. guy anchors & clamps—Barnes & Kobert Mfg. Co., Milldale, Conn.
- B. & K. pipe cutters & die grinding machines—Big-nall & Keeler Mfg. Co., Edwardsville, Ill.
- B. & M. babbitt metal—H. K. & F. S. Benson, Glen Ridge, N. J.
- B. & O. cotton threads—Blodgett & Orswell Co., Pawtucket, R. I.
- B. & O. punches & tire upsetters—Butts & Ordway Co., 33 Purchase, Boston, Mass.
- B. & O. rail tongs—Vaughan & Bushnell Mfg. Co., 2114 Carroll av., Chicago, Ill.
- B. & P. loose leaf devices—Boorum & Pease Co., 109 Leonard, New York
- B. & S. cutter heads—Buettner Shelbourne Machine Co., Terre Haute, Ind.
- B. & S. ring oiling hangers—T. B. Woods' Sons Co., Chambersburg, Pa.
- B. & S. stocking cutters—Brown & Sharpe Mfg. Co., Providence, R. I.
- B. & S. wrenches, anvils, chisels, clamps, pliers & nippers, drop hammers & presses tool kits—Billings & Spencer Co., Hartford, Conn.
- B. & W. creamery churns, milk heaters—D. H. Burrell & Co., Little Falls, N. Y.
- B. & W. sliding furniture shoes—Brainard & Wilson Corp., Danbury, Conn.
- B. & W. water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
- B. & W. water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
- B. & Z. corn & cob mills—Barry & Zecher Co., Lancaster, Pa.
- BABBITS' CLEANSER compounds—B. T. Babbitt, Inc., 11 Broadway, New York
- BABCOCK fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
- BABCOCK lubricators—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.
- BABCOCK milk testers—Dairy Specialty Co., West Chester, Pa.
- BABCOCK shears—Clark Bros. Cutlery Co., Kansas City, Mo.
- BABCOCK & KELLEY oil & grease cup lubricators—Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.
- BABY belt lacing machines—Clipper Belt Lacer Co., 1042 Front av., Grand Rapids, Mich.
- BABY garden plows & cultivators—Empire Plow Co., Cleveland, Ohio
- BABY lawn sprinklers—Standard Stamping Co., Marysville, Ohio
- BABY revolvers—R. F. Sedgley, 2311 N. 16th, Phila., Pa.
- BABY spark plugs—Reflex Ignition Co., Cleveland, Ohio
- BABY ventilating fans—Buffalo Forge Co., Buffalo, N. Y.
- BABY DYNAMO electric toys—Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.
- BABY GRAND egg boilers—Berger & Hamden Mfg. Co., Homestead, Pa.
- BABY GRAND lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- BABY SUPERIOR fly traps—Stuber & Kuck Co., Peoria, Ill.
- BACHELDER steam engine indicators—Richard Thompson & Co., 126 Liberty, New York
- BACHMAN water softening & purifying apparatus—D. W. Patterson, 15 1/2 Market, Phila., Pa.
- BACK HAWK packing—Revere Rubber Co., 60 High, Boston, Mass.
- BACKUS fireplace heaters & gas logs—F. E. Backus, 110 Portland, Boston, Mass.
- BACON cultivators—Bacon Mfg. Co., Pontiac, Mich.
- BACON felts, felt washers, wheels, polishing wheels, wadding wool—Bacon Felt Co., Winchester, Mass.
- BACON gas ranges—Thos. White Stove Co., Quincy, Ill.
- BADENHAUSEN water tube boilers—Badenhausen Co., 1429 Chestnut, Phila., Pa.
- BADGER anvils—American Skein & Foundry Co., Racine, Wis.
- BADGER automobile tire holders—Auto Parts Mfg. Co., Milwaukee, Wis.
- BADGER car movers—Oshkosh Mfg. Co., Oshkosh, Wis.
- BADGER cattle stanchions—Gehl Bros. Mfg. Co., West Bend, Wis.
- BADGER closet seats—Plumbers Woodwork Co., Al-goma, Wis.
- BADGER concrete mixers—Badger Concrete Mixer Co., First Nat. Bk. bldg., Milwaukee, Wis.
- BADGER corn shellers—Appleton Mfg. Co., Batavia, Ill.
- BADGER cultivators—Kingman Plow Co., Peoria, Ill.
- BADGER cylinder oil—Wadham's Oil Co., 215 National av., Milwaukee, Wis.
- BADGER files—Racine File Co., Racine, Wis.
- BADGER harrows—Eureka Mower Co., Utica, N. Y.
- BADGER oil filters—Wisconsin Foundry & Machine Co., Madison, Wis.
- BADGER pasteurizing machines—Vilter Mfg. Co., 1046 Clinton, Milwaukee, Wis.
- BADGER post hole diggers—Hall Mfg. Co., Monticello, Iowa
- BADGER potato diggers—McKenzie Bros. Mfg. Co., La Crosse, Wis.
- BADGER punching & shearing machines—Rock River Machine Co., Janesville, Wis.
- BADGER tank heaters—Duplex Mfg. Co., Superior, Wis.
- BADGER STATE fanning mills—Foster & Williams Mfg. Co., Racine, Wis.
- BADGLEY rubber heels—Du Pont Rubber Co., 110 W. 40th, New York
- BAER barrel washing machines—A. S. Baer & Son, 106 Wall, New York
- BAERTL pulley covering—Baertl Anti-Slip Cement Co., 97 Water, New York
- BAGLEY railroad graders—Bagley Grader Co., Tacoma, Wash.
- BAILEY adjustable iron planes—Stanley Rule & Level Co., New Britain, Conn.
- BAILEY augur bits—Ohio Tool Co., Columbus, Ohio
- BAILEY chain hoists—Jas. P. Dunn, Cleveland, Ohio
- BAILEY cushioned tires—C. J. Bailey & Co., 22 Boylston, Boston, Mass.
- BAILEY melting furnaces—Geo. J. Hagen Co., Peoples Bank bldg., Pittsburgh, Pa.
- BAILEY meters, air, boiler feed water, gas, hot water, steam, water & water flow & wter recorders—Bailey Meter Co., 141 Milk, Boston, Mass.
- BAILEY post drills—Illinois Iron & Bolt Co., Carpentersville, Ill.
- BAILEY spoke shaves—Stanley Rule & Level Co., New Britain, Conn.
- BAILEY'S CROWN metal polish—Crown Chemical Co., Indianapolis, Ind.
- BAIN wagons—Bain Wagon Co., (Ltd.) Kenosha, Wis.
- BAIR bow separators & carriage fasteners—Auto Specialties Mfg. Co., 343 S. Dearborn, Chicago, Ill.
- BAIRD fresh water distilling evaporators—M. T. Davidson Co., 43 Keap, Brooklyn, N. Y.
- BAIRD pottery molders—Baird Machine & Mfg. Co., 1366 Beaubien, Detroit, Mich.
- BAIRD tumbling barrels—Baird Machine Co., Bridgeport, Conn.
- BAIRSTOW BROS. flyers—Speed & Stephenson, 170 Summer, Boston, Mass.
- BAKELITE gears—Wm. Ganschow Co., 1001 Washington blvd., Chicago, Ill.
- BAKELITE insulating compounds, baking enamels & lacquer—General Bakelite Co., 2 Rector, New York
- BAKELITE-DILECTO fibre specialties—Continental Fibre Co., Newark Centre, Del.
- BAKER barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- BAKER cement plaster—United States Gypsum Co., Chicago, Ill.
- BAKER fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- BAKER gasoline engines—Baker Mfg. Co., Evansville, Wis.
- BAKER leather staking machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.
- BAKER oil separators—Wheeler Condenser & Engineering Co., Carteret, N. J.
- BAKER ore coolers—Stearns-Roger Mfg. Co., Denver, Colo.
- BAKER piston valves—Baker Valve Co., 1855 S. 28th, Minneapolis, Minn.
- BAKER splitting machinery—Wm. H. Baker, Trenton, N. J.
- BAKER steel bins—Arthur G. McKee & Co., Cleveland, Ohio
- BAKER vault & sidewalk lights—Sommerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.



- BAKER windmill regulators—Baker Mfg. Co., Evansville, Wis.
- BAKER MANEY 4 wheel scraper—Baker Mfg. Co., 1000 Stanford av, Springfield, Ill.
- BAKER & SHEVLIN blow-off valves—Geo. F. Shevlin Mfg. Co., Saratoga Springs, N. Y.
- BAKER'S filter paper—J. T. Baker Chemical Co., Phillipsburg, N. J.
- BAKOROST fireless cookers—Grand Rapids Screw Co., Grand Rapids, Mich.
- BAK-PUSH water closets—Pittsburgh Brass Mfg. Co., 2153 Penn av, Pittsburgh, Pa.
- BAL BUILT automobile trunks—William Bal Co., 7 Vesey, Newark, N. J.
- BALDWIN acetylene mine lamps—John Simmons Co., 110 Centre, New York
- BALDWIN cash carriers—Jas. L. Baldwin & Co., 350 W. Madison, Chicago, Ill.
- BALDWIN feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- BALDWIN packing—Anchor Packing Co., Lafayette bldg., Philadelphia, Pa.
- BALDWIN power transmission chains—Baldwin Chain & Mfg. Co., Worcester, Mass.
- BALDWIN steam separators—Ross & Taggart, 114 Liberty, New York.
- BALDWIN windmills—Walker Mfg. Co., Council Bluffs, Ia.
- BALDWIN'S AMERICAN cultivators—Donaldson Bros., Mt. Clemens, Mich.
- BALL gears—N. Y. Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
- BALL jelly glasses—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- BALL jelly tumblers—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- BALL lubricating oils—Colgan Mfg. & Supply Co., 118 Maiden la, New York
- BALL track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- BALL IDEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- BALL IMPROVED fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- BALL PERFECT MASON fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- BALL PERFECT SEAL fruit jars—Ball Bros. Mfg. Co., Muncie, Ind.
- BALL & FITTS oil meters—Union Water Meter Co., Worcester, Mass.
- BALLARD track bolts—Ballard Drop Forge Co., Seattle, Wash.
- BALLISTITE smokeless shotgun powders—E. I. du Pont de Nemours & Co., Wilmington, Del.
- BALLOON fly traps—National Mfg. Co., Worcester, Mass.
- BALL'S paint & varnish remover—Ball Chemical Co., Pittsburgh, Pa.
- BALLWOOD welded flanges—Ballwood Co., 30 Church, New York.
- BALTIMORE ball bearings & center plates—T. H. Symington Co., Rochester, N. Y.
- BALTIMORE hay presses—Sinclair-Scott Co., B. & O. R. R., Wells & Patapsco, Baltimore, Md.
- BALTIMORE wagon jacks—Lansing Co., Lansing, Mich.
- BALTIMORE water filters—Loomis-Manning Filter Mfg. Co., 1421 S. 27th, Phila., Pa.
- BALTIMOREAN printing presses & machinery—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.
- BALTO-BELT belting—Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
- BALTZY steel stove trucks—Arcade Mfg. Co., Freeport, Ill.
- BALZAN steel stove trimmings—Arcade Mfg. Co., Freeport, Ill.
- BANCROFT punching machines—Fred Bancroft, Madera, Cal.
- BANFIELD tin plates—Follansbee Bros. Co., Pittsburgh, Pa.
- BANGOR RIBBON roofing slate—Auld & Conger Co., 942 Prospect, Cleveland, Ohio.
- BANKER wind shields—Banker Wind Shield Co., 5722 Ellsworth av, Pittsburgh, Pa.
- BANKER'S blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
- BANKERS' SAFETY paper—Geo. Le Monte & Son, 61 B'way, New York
- BANNER aqua & anhydrous ammonia, chloride of lime & powdered lye—Penn Chemical Works, Phila., Pa.
- BANNER clothes washing machines—Boss Washing Machine Co., Cincinnati, Ohio.
- BANNER cream separators—Seither & Cherry Co., Keokuk, Ia.
- BANNER cultivators—F. C. Mason & Co., St. Johns, Mich.
- BANNER cultivators—Racine-Sattley Co., Springfield, Ill.
- BANNER hydrate lime—National Mortar & Supply Co., 2nd Nat'l Bank bldg, Pittsburgh, Pa.
- BANNER incandescent electric lamps—Banner Electric Works of G. E. Co., Youngstown, Ohio.
- BANNER knitting machinery—Hemphill Mfg. Co., Central Falls, R. I.
- BANNER loose leaf devices—Nelson Corp., 4114 Ravenswood av, Chicago, Ill.
- BANNER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio.
- BANNER oil cup lubricators—American Lubricator Co., Detroit, Mich.
- BANNER oil stoves & heaters—Plume & Atwood Mfg. Co., Waterbury, Conn.
- BANNER potato diggers—Greenville Implement Co., Greenville, Mich.
- BANNER root cutters—O. E. Thompson & Sons, Ypsilanti, Mich.
- BANNER steel tape—Lufkin Rule Co., Saginaw, Mich.
- BANNER switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- BANNER vacuum cleaners—Banner Machine Co., Columbiana, Ohio.
- BANNER welding compounds, boiler compounds, belt dressing—Cortland Specialty Co., 174 Railroad, Cortland, New York
- BANNISTER carriage wheels—Muncie Wheel Co., Muncie, Ind.
- BANNISTER grate bars—Mechanics' Iron Foundry Co., 38 Kemble, Boston, Mass.
- BANNISTER'S concrete spades—Conneaut Shovel Co., Conneaut, Ohio.
- BANNON'S lidded pipe—P. Bannon Pipe Co., Louisville, Ky.
- BANTAM incubators & brooders—Buckeye Incubator Co., Springfield, Ohio.
- BARBER bit braces & drill chucks—Millers Falls Co., 28 Warren, New York.
- BARBER car trucks, side bearings & center plates—Standard Car Truck Co., 332 S. Michigan av, Chicago, Ill.
- BARBER refrigerating machines—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
- BARBER IDEAL oil stoves & heaters—A. C. Barber Mfg. Co., 341 E. Ohio, Chicago, Ill.
- BARBER'S bit braces—Turner & Deegan, Bristol, Conn.
- BARBET distilling apparatus—E. B. Badger & Sons Co., 75 Pitts, Boston, Mass.
- BARBRACO belting—Barnum Bros. Co., Troy, N. Y.
- BARCO flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
- BARCUS air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- BARD adjustable bushings—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.
- BARD unions—Bard Union Co., Norwich, Conn.
- BARDEN'S grass hooks & 20th Century corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
- BARDSLEY door checks—Yale & Towne Mfg. Co., 9 E. 40th, New York
- BARDSLEY wooden knobs—Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio
- BARFLY ROLLING WINDOW SCREENS—Barfly Screen Co., Portland, Me.
- BARGAIN clothes lines—Estes Mills, Fall River, Mass.
- BARHART log loaders—Goodyear Lumber Co., Marine Nat. Bank bldg., Buffalo, N. Y.
- BARION valves & gauges—Nelson Bogardus, Marshalltown, Ia.
- BAR KEEPERS' FRIEND metal polish—Geo. W. Hoffman Co., 557 E. Washington, Indianapolis, Ind.
- BARKELEW knife switches—Barkeley Elec. Mfg. Co., Middletown, Ohio
- BARKER bit braces—Millers Falls Co., 28 Warren, New York
- BARKER grate bars & massage vibrators—James Barker, 6th & Cayuga, Phila., Pa.
- BARLER IDEAL oil stoves & heaters—A. C. Barler Mfg. Co., 60 W. Lake, Chicago, Ill.
- BAR LOCK prismatic glass—American Bar Lock Co., 26th & Penna av, Phila., Pa.
- BAR-LOCK vault & sidewalk lights—E. R. Taylor Co., 786 E. Bradbury, Boston, Mass.
- BARNARD feed grinding mills & separators—Barnard & Leas Mfg. Co., Moline, Ill.
- BARNARD kitchen enameled ware—New England Enameling Co., Middletown, Conn.
- BARNARD lamp wick trimmers—H. B. Ives Co., New Haven, Conn.
- BARNES fish nets—Carlos G. Young, San Francisco, Cal.
- BARNES friction disc drills—W. F. & Jno. Barnes Co., Rockford, Ill.



- BARNES hay carriers—J. E. Porter Co., Rochester, N. Y.
- BARNES night latches—Huber Mfg. Co., 417 E. 93d. New York
- BARNES pipe cutters—Oswego Tool Co., Oswego, N. Y.
- BARNES screw presses & tool grinders—W. F. & John Barnes Co., Rockford, Ill.
- BARNES-MADE wire springs—Wallace Barnes Co., 18 Wallace, Bristol, Conn.
- BARNETT tumbling barrels, molders' flasks, door checks & springs & gas pliers—Oscar Barnett Foundry Co., Irvington, N. J.
- BARNHART invalid chairs—W. L. Sackman, Inc., Akron, Ohio
- BARNHART'S gas analysis apparatus—Eimer & Amend, 18th & 3rd av, New York
- BAR-NIC battery connectors, metal polish—Barcy-Nicholson Co., 37 W. Fort, Detroit, Mich.
- BAR NONE packing—Schultz Patent Rubber Co., Philadelphia, Pa.
- BARNSTEAD stills—Barnstead Water Still Co., 53 Chardon, Boston, Mass.
- BAROL wood preservatives—Anthrol Wood Preserving Co., 264 Spring, New York.
- BARON lamps, lanterns & oil cans—Ohio Lantern Co., Tiffin, Ohio
- BARRE pneumatic stone cutters' tools—Trow & Holden Co., Barre, Vt.
- BARRETT curtain rods—W. C. Barrett & Bro., 603 N. La Salle, Chicago, Ill.
- BARRETT cylinder boring machines & pipe vises—Barrett Machine Tool Co., Meadville, Pa.
- BARRETT jacks—Duff Mfg. Co., N. S., Pittsburgh, Pa.
- BARRETT marking gauges—Leavitt Machine Co., Orange, Mass.
- BARRETT sewer gas traps & valves—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- BARRINGTON bond paper—B. D. Rising Paper Co., Housatonic, Mass.
- BARRON water coolers—Fearless Dish Washer Co., Rochester, N. Y.
- BARR'S dinner pails—Handy Pail Co., 1777 Broadway, New York
- BARR'S steam traps—Henry B. Pancoast Co., 243 S. 3rd, Phila., Pa.
- BARRY parlor door hangers—Central City Bolt Co., Syracuse, N. Y.
- BARRY STEEL SPLIT PULLEY wrought steel pulleys—R. & J. Dick (Ltd.), Passaic, N. J.
- BARSTOW stoves & heaters—Barstow Stove Co., Providence, R. I.
- BARTH wagon & track lifting jacks—Barth Mfg. Co., 350 Milwaukee, Milwaukee, Wis.
- BARTHEL blow torches, furnaces & fire pots—Globe Gas Light Co., 25 Union, Boston, Mass.
- BARTHOLDI electric gas lighters—A. L. Bogart, 123 Liberty, New York
- BARTHOLOMEW self-feeders & band cutters—Avery Co., Peoria, Ill.
- BARTLETT auger bit boxes—Bennett Mfg. Co., Portland, Me.
- BARTLETT feed water purifiers—Under Feed Stoker Co. of America, 111 W. Monroe, Chicago, Ill.
- BARTLETT GRAVER water softening & purifying apparatus—Wm. Graver Tank Works, East Chicago, Ind.
- BARTLEY nut & bolt fasteners—American Nut & Bolt Fastener Co., Ontario & Doerr, Pittsburgh, Pa.
- BARTON steam traps—Automatic Steam Trap & Specialty Co., 315 Harper av, Detroit, Mich.
- BARTON steam traps—John W. Barton, 2707 Vestry av, Cleveland, Ohio
- BARTON'S car bells & gongs—Starr Bros. Bell Co., East Hampton, Conn.
- BARTOW oil filters & lubricators—Hall Mfg. Co., Harrison, N. J.
- BARWOOD packing, cups & washers, leather frictions; gaskets, moulded leather, leather nuts & buttons; felt & fibre washers—L. J. Barwood Co., Stoneham Station, Boston, Mass.
- BASCOM tap wrenches—Greenfield Tap & Die Corp'n., Greenfield, Mass.
- BASELINE automobile towing ropes—Broderick & Bascom Rope Co., Main & Douglas, St. Louis, Mo.
- BASOL paint—Jenkins Paint & Oil Co., Norfolk, Va.
- BASTIAN electrolytic meter—Helois Mfg. Co., Bridensburg, Phila., Pa.
- BATDORF coin wrapping machines—Automatic Coin Wrapping Machine Co., 80 Greenwich, New York
- BATDORFF'S eave-trough hangers—Canton Cornice & Skylight Co., Canton, Ohio
- BATES auger bits—Snell Mfg. Co., Fiskdale, Mass.
- BATES numbering machines—Bates Mfg. Co., 50 Church, New York
- BATES numbering machines—Roberts Numbering Machine Co., 706 Jamaica av, Brooklyn, N. Y.
- BATES spectroscopes & polariscopes—E. H. Sargent & Co., 143 Lake, Chicago, Ill.
- BATES steam & hot water heaters—Edw. P. Bates, Syracuse, N. Y.
- BATES steel mule tractors—Joliet Oil Tractor Co., Joliet, Ill.
- BATES tractors—Bates Tractor Co., Lansing, Mich.
- BATES well curbing—J. H. Bates, Arlington, R. I.
- BATH cements—Bath Portland Cement Co., Bath, Pa.
- BATH grinders—Bath Grinder Co., Fitchburg, Mass.
- BATTEN foundry riddles—Hill & Griffith Co., 1262 State, Cincinnati, Ohio
- BATTERSEA crucibles—Henry Heil Chemical Co., St. Louis, Mo.
- BATTLE packing—Keasbey & Mattison Co., Ambler, Pa.
- BATTLE AX stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.
- BATTLE CREEK sand sifters—Battle Creek Sand Sifter Co., Battle Creek, Mich.
- BATTLE CREEK splitting & sawing machines—Smalley Mfg. Co., Manitowoc, Wis.
- BATTLESHIP linoleums—Joseph Wild & Co., 366 5th av, New York
- BAUER circular saw setting machines—Zeiller & Nagel, 232 Java, Brooklyn, N. Y.
- BAUER gas engines—Bauer Machine Works Co., Kansas City, Mo.
- BAUER'S button hole cutters—J. Wiss & Sons Co., 31 Littleton av, Newark, N. J.
- BAUM steam separators—Geo. M. Newhall Engineering Co., 1419 Chestnut, Phila., Pa.
- BAUM vulcanizers—Baum Iron Co., Omaha, Nebr.
- BAUM'S carriage top dressing—Baum's Castorine Co., Rome, N. Y.
- BAUROTH gas & gasoline engines & grain elevators—Bauroth Bros., Springfield, Ohio
- BAUSMAN lawn swings—Noll Bros. & Smith, Bausman, Pa.
- BAXENDALE presses—McCall Machine Works, Rochester, N. Y.
- BAXTER rubber aprons—Davol Rubber Co., 69 Point, Providence, R. I.
- BAXTER wrenches—Greene, Tweed & Co., 109 Duane, New York.
- BAY CITY packing & hose—Bowers Rubber Works, San Francisco, Cal.
- BAYER feed water purifiers—Bayer Steam Soot Blower Co., St. Louis, Mo.
- BAYLEY corn & cob mills—Gray Iron Casting Co., Springfield, Ohio
- BAYLEY hand bone mills & steel corn cribs—Wm. Bayley Co., Springfield, Ohio
- BAYLEY hot blast heating apparatus, steel window frame, etc.—Bayley Mfg. Co., Milwaukee, Wis.
- BAYONET trolley wheels—Bayonet-Trolley-Harp Co., Springfield, Ohio
- BAYONNE canvas roofing—John Boyle & Co., 112 Duane, New York
- BAY STATE bath & basin traps—Jos H. Young Co., 82 High, Boston, Mass.
- BAY STATE belting & hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- BAY STATE die tool holders, machine bolt & screw dies—Bay State Tap & Die Co., Mansfield, Mass.
- BAY STATE enamels, paints, varnishes, wood stains, waterproofing materials, & hard wax floor polish—Wadsworth, Howland & Co., 141 Federal, Boston, Mass.
- BAY STATE flexible shaft—Coates Clipper Mfg. Co., Worcester, Mass.
- BAY STATE fruit & vegetable parers—Goodell Co., Antrim, N. H.
- BAY STATE grinders—Robbins Machine Co., Worcester, Mass.
- BAY STATE portable electric search lamps—Frank W. Morse, 293 Congress, Boston, Mass.
- BAY STATE steam & hot water heaters—Barstow Stove Co., 116 Point, Providence, R. I.
- BAY STATE sweep horse powers—C. L. Clark, St. Johnsbury, Vt.
- BAY STATE waste traps—Joseph H. Young Co., 82 High, Boston, Mass.
- BAY VIEW blast furnaces—Illinois Steel Co., 208 S. La Salle, Chicago, Ill.
- BEACH drill chucks—Morse Twist Drill & Machine Co., New Bedford, Mass.
- BEACON leather crayons—American Crayon Co., Sandusky, Ohio
- BEACON oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
- BEACON packing and hose—Revere Rubber Co., Chelsea, Mass.
- BEACON transformers—Electric Economy Co., 1529 Columbus av, Boston, Mass.



- BEACON ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- BEAMAN stadia surveying arc—W. & L. E. Gurley, Troy, N. Y.
- BEAR grease cups—Wm. Powell Co., Cincinnati, Ohio
- BEAR lamp black—Wilckes, Martin, Wilckes Co., 135 William, New York
- BEAR safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- BEAR traction engines—Wallis Tractor Co., Racine, Wis.
- BEARD-DEPUTY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
- BEARD-MACKIE gas indicators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
- BEARDSLEY malleable iron cross arms—Naugatuck Malleable Iron Works, Naugatuck, Conn.
- BEARTONE tire air pumps—Oakes Co., Indianapolis, Ind.
- BEATEMALL file handles—Lutz File Co., 808 Broadway, Cincinnati, Ohio
- BEATRICE tank heaters—Dempster Mill Mfg. Co., Beatrice, Neb.
- BEATS ALL carpet beaters—Beats All Mfg. Co., Fairmont, Minn.
- BEATS ALL hame fasteners—A. H. Conn, Cedar Rapids, Ia.
- BEATS ALL pressure reducing valves—Locke Regulator Co., Salem, Mass.
- BEATS-EM-ALL pincer, plier and wrench combined—Albert Lea Machinery Co., Albert Lea, Minn.
- BEATTY & SONS bush hooks, butchers' cleavers and hatchets—John H. Black Co., Chester, Pa.
- BEAU IDEAL gas arc lamps—Ideal Gas Light Co., Kalamazoo, Mich.
- BEAUTY picture hooks—Forsyth Metal Goods Co., E. Aurora, N. Y.
- BEAUTYGLO electric gas & light fixtures—Harter Mfg. Co., 522 S. Clinton, Chicago, Ill.
- BEAVER automobile engines—Beaver Mfg. Co., 1st and Oklahoma av, Milwaukee, Wis.
- BEAVER blasting fuse—E. I. du Pont de Nemours Powder Co., Wilmington, Del.
- BEAVER easy working pipe threaders; square end pipe cutters—Borden Co., Warren, Ohio
- BEAVER horse nails—Standard Horse Nail Co., New Brighton, Pa.
- BEAVER hot air furnaces—Danville Stove & Mfg. Co., Danville, Pa.
- BEAVER packing—H. Johnson Co., ft of Gates av, Jersey City, N. J.
- BEAVER ready roofing—Chapman & Soden, 150 Oliver, Boston, Mass.
- BEAVER rubber hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill
- BEAVER safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- BECANOID air brake hose—Thermoid Rubber Co., Trenton, N. J.
- BECCO priming cups, spark plugs and wire terminals—Michigan Motor Specialties Co., Detroit, Mich.
- BECHE power hammers—Nazel Engineering & Machine Works, 4049 N. 5th, Phila., Pa.
- BECKER bolt clippers—J. B. Haberle, South Bend, Ind.
- BECKER oil pumps; milling & profiling machines—Becker Milling Machine Co., Hyde Park, Mass.
- BECKER pipe threaders—Handy Mfg. Co., Bridgeport, Conn.
- BECKER telephone cable terminals—Central Tel. & Electric Co., 311 N. 11th, St. Louis, Mo.
- BECKLEY'S composition blackboards—Beckley-Cardy Co., 312 W. Randolph, Chicago, Ill.
- BECO white plumbers' wood work—Becker Mfg. Co., Marietta, Ohio
- BEDFORD hot water radiators—National Radiator Co., Johnstown, Pa.
- BEDFORD pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- BED ROCK adjustable wood planes—Stanley Rule & Level Co., New Britain, Conn.
- BEE babbitt metal and melting furnaces—Leddell Metals Co., 281 Borden av, Long Island City, N. Y.
- BEE cotton mops—Estes Mills, Fall River, Mass.
- BEE electric hair dryers, massage vibrators and suction vacuum cleaners—Birtman Electric Co., 1422 Bryan, Chicago, Ill.
- BEECHER automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.
- BEECHER draft springs—Beecher Draught Spring Co., New Haven, Conn.
- BEE HIVE urinal strainers—Milwaukee Brass Mfg. Co., 251 Laplan, Milwaukee, Wis.
- BEE HIVE window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd, Chicago, Ill.
- BEEKMAN mercury testing columns—Geo. W. Heland, 149 W. 35th, New York
- BEEKO electric bells—J. H. Bunnell & Co., 32 Park pl, New York
- BEE MAN garden tractors—Beeman Garden Tractors Co., 711 15th av N. E., Minneapolis, Minn.
- BEERY bridle bits—Imperial Bit & Snap Co., Racine, Wis.
- BEETLE insecticide dusters—Leggett & Bro., 301 Pearl, New York
- BEGGS farm wagons—Beggs Wagon Co., Kansas City, Mo.
- BEHRINGER gas main stoppers—Edw. A. Behringer, Inc., 88 W. B'way, New York
- BEILMAN-SEAMANS automatic water heaters—W. E. Beilman, Buffalo, N. Y.
- BELAND self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- BELCHER'S magazine cartridge loader tools—U. S. Cartridge Co., Lowell, Mass.
- BELDENAMEL wire—Belden Mfg. Co., 2300 S. Western av, Chicago, Ill.
- BELDENITE flexible cords—Belden Mfg. Co., 2316 Western av, Chicago, Ill.
- BELDING patternmakers' fillet—Shanefelt Mfg. Co., Canton, Ohio
- BELER water heaters—Belser Water Heater Co., Pittsburgh, Pa.
- BELFIELD clay press cocks—Trenton Brass & Machine Co., Trenton, N. J.
- BELGIAN table lamps—Dressel Railway Lamp Works, 3860 Park av, New York
- BELIEVE ME toilet paper holders—L. H. Gardner Paper Co., Mumford, N. Y.
- BELL arc lamps—Bell Arc Light Co., 20 W. Houston, New York
- BELL barrel creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
- BELL drop hammers and steam hammers—Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y.
- BELL dusters—S. Levy, 618 New Market, Phila., Pa.
- BELL fireproof & waterproof exterior paints—Acme Asbestos Covering & Supply Co., 404 N. Ada, Chicago, Ill.
- BELL packing—Restin Clement Co., 133 N. 2nd, Phila., Pa.
- BELL padlock locks—Slaymaker Lock Co., Lancaster, Pa.
- BELLAMY mirrorscopes—Novelty Mfg. Co., Waterbury, Conn.
- BELLE churns—J. McDermaid, Rockford, Ill.
- BELLE CITY ensilage cutters, threshers & hand carts—Belle City Mfg. Co., Racine, Wis.
- BELLE CITY fanning mills—Racine Implement Co., Racine, Wis.
- BELLE CITY incubators & brooders—Belle City Incubator Co., Racine, Wis.
- BELLEFONTE lime—Palmer Lime & Cement Co., 103 Park av, New York
- BELLEVILLE rice threshers—Harrison Mach. Works, Belleville, Ill.
- BELLEVUE disc harrows & seeder attachments—Ohio Cultivator Co., Bellevue, Ohio
- BELLEVUE lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
- BELL-FAST fish line sinkers—A. F. Melsselbach & Bros., 29 Congress, Newark, N. J.
- BELL'S disc harrows—Ohio Rake Co., Dayton, Ohio
- BELL'S maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio
- BELMONT hose—Restin Clement Co., 133 N. 2nd, Phila., Pa.
- BELMONT hose & packing—Restin Clement Co., 133 N. 2nd, Phila., Pa.
- BELMONT packing—Republic Rubber Co., Youngstown, Ohio
- BELOIT shears & punches—Slater-Marsden-Whitmore Co., Beloit, Wis.
- BELTFILLER belt dressing—Chas. A. Schieren & Co., 30 Ferry, New York
- BELT GRIP pulley covering—Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.
- BELTINE belt dressing—G. W. Gallaway, 322 Pearl, New York
- BELTOSLIP belt dressing—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
- BEMAN oil cabinets, pumps, tanks & oil cans—Beman Automatic Oil Can Co., Meadville, Pa.
- BEMCO automobile radiator covers, tennis racquet tire holders & mechanics' aprons—B. F. Mfg. Co., 444 Broadway, New York
- BEN-BOW desk telephone brackets—K. & B. Co., 8th & Chestnut, Philadelphia, Pa.



- BENCO sockets—Benjamin Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
- BENDHICKS conduit fittings—Fairmount Electric & Mfg. Co., 2203 Pearl, Phila., Pa.
- BENE-MEREIER rifles—Colt's Patent Fire Arms Mfg. Co., Hartford, Conn.
- BENEDICT chain pipe wrenches—Benedict Wrench Co., 143 W. Austin, Chicago, Ill.
- BENGAL belting & hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.
- BENGAL hot air furnaces—Floyd-Wells Co., Royersford, Pa.
- BEN-HUR metal polish—Ben-Hur Metal Polish Co., Crawfordsville, Ind.
- BENJAMIN blind hinges—Parker Wire Goods Co., Worcester, Mass.
- BENJAMIN lumber load binders—American Logging Tool Co., Evart, Mich.
- BENJAMIN screw drivers, stove pipe braces, Thumazy fishing reels & ventilating sash locks—Benjamin-Sellar Mfg. Co., 559 W. Quincy, Chicago, Ill.
- BENJAMIN THUMEZY fishing reels—Benjamin-Sellar Mfg. Co., 559 W. Quincy, Chicago, Ill.
- BENNET cable pullers & tile ditching machines—H. L. Bennet & Co., Westville, Ohio
- BENNETT carbureters—Wilcox-Bennett Carbureter Co., Minneapolis, Minn.
- BENNETT curtain pole brackets—Bay State Stamping Co., 380 Chandler, Worcester, Mass.
- BENNETT oil hole covers & cups, oil & grease cups & emery wheel dressers—Bay State Stamping Co., 380 Chandler, Worcester, Mass.
- BENNETT typewriters—Bennett Typewriter Co., Harrisburg, Pa.
- BENNINGTON scales—Bennington Scale Co., Bennington, Vt.
- BENSING brick cutting machinery—J. D. Fate Co., Plymouth, Ohio
- BENTAL coal powder & dynamite—Independent Powder Co., of Missouri, Joplin, Mo.
- BENTON radiator union nipple clutch—Jno. Simmons Co., 110 Centre, New York
- BERG dry press—Anderson Foundry & Machine Works, Anderson, Ind.
- BERGER pipe straps, garden hose reels & broom racks—Berger Specialty Co., Richmond, Va.
- BERGER raydiant vault lights—Berger Mfg. Co., Canton, Ohio
- BERGRADE automobile trunks—Berg Auto Trunk & Specialty Co., 400 Lafayette, New York
- BERKELEY hydrated lime—Security Cement & Lime Co., Hagerstown, Md.
- BERKEL'S meat slicers—American Slicing Machine Co., 209 S. State, Chicago, Ill.
- BERKSHIRE foundry riddles, foundry vibrators & air squeezers—Berkshire Mfg. Co., Cleveland, Ohio
- BERKSHIRE refrigerators—Arlington Refrigerator Co., Arlington, Vt.
- BERKSHIRE typewriter paper—Eaton, Crane & Pike Co., Pittsfield, Mass.
- BERLIN bracket drills—Strong, Carlisle & Hammond Co., 336 Frankfort av, N.E., Cleveland, Ohio
- BERLIN electric bells—Holtzer-Cabot Electric Co., Brookline, Mass.
- BERLIN universal wood working machines—Schaefer Mfg. Co., Berlin, Wis.
- BERMICO roofing paper—Berlin Mills Co., Portland, Me.
- BERMUDA hot water heaters—Co-Operative Foundry Co., Rochester, N. Y.
- BERMUDEZ asphalt cements & road asphalt—Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.
- BERNARD bolt clippers, end cutting nippers, belt punches, ticket punches, & pliers & nippers—Wm. Scholborn Co., New Haven, Conn.
- BERNARDSTONION butchers knives—E. S. Hulbert & Co., Bernardston, Mass.
- BERNHARD hot water heaters—Kanawha Mfg. Co., Charleston, W. Va.
- BERRIGAN filter presses—J. J. Berrigan, Orange, N. J.
- BERRIGAN filter presses—Worthington Pump & Machy. Corp., 115 Broadway, New York
- BERRY box openers—Arcade Mfg. Co., Freeport, Ill.
- BERRY damper regulators, feed water purifiers, feed water regulators, pump governors, safety water columns, tubular boilers & boiler feed pumps—Berry Engineering Co., Chester, Pa.
- BERRY saddlery hardware & engine house hinges—Chas. E. Berry, Somerville, Mass.
- BERRY water tube boilers—R. Wetherill & Co., Chester, Pa.
- BERRYMAN feed water heaters—Benj. F. Kelley & Son, 26 Cortlandt, New York
- BERRYMAN feed water heaters—Whitlock Coil Pipe Co., Hartford, Conn.
- BERRYMAN feed water heaters & purifiers—I. B. Davis & Son, Hartford, Conn.
- BERTHA spelter—New Jersey Zinc Co., 55 Wall, New York
- BERTHOUD fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- BERTRAM metal polish—N. J. Paint Works, Jersey City, N. J.
- BERTSCH blue & black prints—Louis Frey & Co., 50 John, New York
- BESAW QUALITY pneumatic tires—Besaw Tire & Rubber Co., Hartville, Ohio
- BESCO baking enamels—P. A. Mets Paint Co., 769 Clinton, Buffalo, N. Y.
- BESLY disc grinders, magnetic chucks, polishing bands & feed tables—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
- BESSEMER babbitt metal—Riverside Metal Refining Co., Connellsville, Pa.
- BESSEMER gas engines & oil engines—Bessemer Gas Engine Co., Grove City, Pa.
- BESSEMER oil cups—American Lubricator Co., Detroit, Mich.
- BESSEMER iron paints—Rinald Bros., 1142 N. Hancock, Phila., Pa.
- BEST alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
- BEST barn door hangers—Arnold Co., Norwalk, Conn.
- BEST bass fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
- BEST blow-off valves—Pittsburgh Valve & Supply Co., Pittsburgh, Pa.
- BEST boatspar varnishes—Newark Varnish Works, 116 Delancey, Newark, N. J.
- BEST can openers—W. G. Brown Mfg. Co., Kingston, N. Y.
- BEST coal chutes—National Mfg. Co., Sterling, Ill.
- BEST coal chutes, cesspools, cistern covers, chimney caps & stock fountains—Sterling Foundry Co., Sterling, Ill.
- BEST elevator & conveyor buckets—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
- BEST file handles—Troy File Works, Troy, N. Y.
- BEST flint paper—H. H. Barton & Son Co., 109 S. 3rd, Phila., Pa.
- BEST floor finish—Newark Varnish Works, 111 Delancey, Newark, N. J.
- BEST fountain pen clips—Ansonia Novelty Co., Ansonia, Conn.
- BEST potato diggers—Wabers Mfg. Co., Racine Jct., Wis.
- BEST sad iron handles—Enterprise Mfg. Co. of Pa., 3rd & Dauphin, Phila., Pa.
- BEST shoe blackings—S. M. Bixby & Co., 36th & 2nd av, Brooklyn, N. Y.
- BEST tractors—C. L. Best Gas Traction Co., Oakland, Cal.
- BEST whip racks—John H. Best, Galva, Ill.
- BESTA-MONIA packing—H. W. Johns-Manville Co., Madison av & 41st, New York.
- BESTALLIC sheet packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
- BESTELECTRIC cigar lighters—Stanley & Patterson, 23 Murray, New York.
- BEST EVER metal polish—Endurance Autoil Co., Muncie, Ind.
- BEST EVER oven thermometers—Electrical Appliance Mfg. Co., Waterbury, Conn.
- BEST EVER plows—Moline Plow Co., Moline, Ill.
- BEST EVER tank heaters—Kretchmer Mfg. Co., Council Bluffs, Ia.
- BEST IN THE WORLD butchers blocks—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.
- BEST MAIDE bench grinders, creamery testers, etc.—Luther Grinder Mfg. Co., Milwaukee, Wis.
- BESTMETAL babbitt metal—Lissberger, Marks & Son, 281 Burden av, Long Island City, N. Y.
- BESTO optical goods—Bay State Optical Co., Attleboro, Mass.
- BEST-OV-ALL shovels, spades & scoops & tool handles, packing—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
- BEST QUALITY brushes, clothes lines, dust cloths, dusters, fish line, fly swatters, cotton & polish mops, cotton rope, picture, spooled & stove pipe wire—E. H. Tate Mop & Cordage Co., 15 Char-don, Boston, Mass.
- BESTWALL plaster boards—California Bestwall Co., San Francisco, Cal.
- BEST YET bath room fixtures & furnishings—Metal Crafters, E. Stroudsburg, Pa.
- BEST YET pressed steel manheads—Lukens Iron & Steel Co., Coatesville, Pa.
- BEST YET riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.



- BEST YET rubber cements—St. Louis Rubber Cement Co., 3046 Lambdin av., St. Louis, Mo.
- BEST YET trucks—Turnbull Wagon Co., Defiance, Ohio
- BEST-YETTE varnish—Twin City Varnish Co., St. Paul, Minn.
- BETARBEST babbitt metal—Ohio Metal Co., 1137 N. 4th, Columbus, Ohio
- BETHEL WHITE granite—Woodbury Granite Co., Hardwick, Vt.
- BETHELL process creosoted wood conduits—Michigan Pipe Co., Bay City, Mich.
- BETHLEHEM gas engines, pumping engines & stay-bolt iron—Bethlehem Steel Co., South Bethlehem, Pa.
- BETHLEHEM spark plugs—Silvex Co., 30 Church, New York
- BETHLEHEM tool steel—Becker Steel Co. of America, 90 West, New York
- BETTENDORF auto truck trailers—Bettendorf Trailer Co., Bettendorf, Ia.
- BETTS electric motors, sign flashers & time stamps—Betts & Betts Corp., 513 W. 42d, New York
- BETTY BRIGHT aluminum hollow ware—Massillon Aluminum Co., Massillon, Ohio
- BE VE BE scythe—North Wayne Tool Co., Hallowell, Me.
- BEVERLY ratchet clutch handles & wheels—John S. Baker, Beverly, Mass.
- BEYER counter-current barometric condensers—Ingersoll-Rand Co., 11 B'way, New York
- BEYER steam condensers—Cresson-Morris Co., Allegheny av near 17th, Phila., Pa.
- BIASPHALIC marine paints—Amalgamated Paint Co., 371 Wayne, Jersey City, N. J.
- BICALKY air washers, roof ventilating fans & ventilators—Bicalky Fan Co., Buffalo, N. Y.
- BI-CARS vehicles—W. J. Baker Co., Newport, Ky.
- BICKFORD boring & turning & chucking machines—Bickford, H. & Co., Lakeport, N. H.
- BICKNELL-THOMAS tapping chucks—Bicknell-Thomas Co., Greenfield, Mass.
- BICKNELL'S sanding & polishing machinery—Bicknell Mfg. & Supply Co., Janesville, Wis.
- BICYCLE playing card—U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio
- BIEDER grass catchers—Carl Hasseries, Central & Woodlawn av, Cleveland, Ohio
- BIERCE guy anchors, potheads & sleeves & cable supporting clamps—Specialty Device Co., 112 W. 3rd, Cincinnati, Ohio
- BIG-AN-LITTLE concrete mixers—Jaeger Machine Co., Columbus, Ohio
- BIG BEN alarm clocks—Western Clock Co., La Salle, Ill.
- BIG BEN door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
- BIG BEN vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
- BIG BULL tractors—Bull Tractor Co., Minneapolis, Minn.
- BIG CHIEF furniture polish & metal polish—American Chemical & Mining Co., Atlanta, Ga.
- BIG FOUR traction engines & portable grain elevators—Emerson-Brantingham Co., Rockford, Ill.
- BIG JIFFY paper clips—L. F. Grammes & Sons, Allentown, Pa.
- BIGELOW concrete inserts—Dayton Malleable Iron Co., Dayton, Ohio
- BIGELOW concrete inserts & sockets—Farwell, Ozmun, Kirk & Co., 2nd & Jackson, St. Paul, Minn.
- BIGELOW-HORSBY water tube boilers—Bigelow Co., New Haven, Conn.
- BIGETON concrete sockets—Fred. Liebrich, Monadnock blk., Chicago, Ill.
- BIG FOUR cement plaster—United States Gypsum Co., Chicago, Ill.
- BIG FOUR gasoline traction engines—Emerson-Brantingham Co., Rockford, Ill.
- BIG FOUR shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- BIG FOUR shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
- BIG 4 barn door hangers—National Mfg. Co., Sterling, Ill.
- BIG-4 corner brace—Diehl Novelty Co., Glen Beulah, Wis.
- BIG GIANT cotton seed hullers—Diamond Huller Co., Winona, Minn.
- BIG GIANT picture hooks—Forsyth Metal Goods Co., E. Aurora, N. Y.
- BIG GIANT tackle blocks—Pittsburgh Block & Mfg. Co., N. S., Pittsburgh, Pa.
- BIG GIANT wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
- BIGGS noiseless chain pumps—B. F. Biggs Pump Co., Lafayette, Ind.
- BIG IOWA corn & cob mills—New Winona Mfg. Co., Winona, Minn.
- BIG JOE rail benders—What Cheer Tool Co., What Cheer, Ia.
- BIGNALL valve & service boxes—Modern Iron Works, Quincy, Ill.
- BIG POSSUM coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
- BIHLMAIR massage vibrators—W. D. Allison Co., Indianapolis, Ind.
- BILAND railway track drills—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
- BI-LATERAL fire hose—Bi-Lateral Fire Hose Co., 326 W. Madison, Chicago, Ill.
- BILL coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
- BILLCHACO enamels & cement floor coatings—Billings-Chapin Co., Cleveland, Ohio
- BILLET cattle ties—Alexander Halter Factory, Alexandria, Ohio
- BILLINGS wrenches, vises & key rings—Billings & Spencer Co., Hartford, Conn.
- BILLOW fuel oil forges—National Supply Co., 416 W. Grand av, Chicago, Ill.
- BI-LOOP hot water & steam radiators—Monitor Bi-Loop Radiator Co., Lancaster, Pa.
- BILTON gear hobbing machines, vises—Bilton Machine Tool Co., Bridgeport, Conn.
- BINGHAM carbureters—Bingham Mfg. Co., 227 Prospect av, N. W. Cleveland, Ohio
- BINGHAM coach makers' vises—Prentiss Vise Co., 106 Lafayette, New York
- BINGHAM'S gauge cocks—Chaplin-Fulton Mfg. Co., 30 Penn av, Pittsburgh, Pa.
- BINGO alarm clocks—Western Clock Co., La Salle, Ill.
- BINKS vehicle washers, pneumatic spray brushes & tire air pumps—Star Brass Works, 319 N. Albany av, Chicago, Ill.
- BINKS CLEANALL blow guns—Star Brass Works, 319 N. Albany av, Chicago, Ill.
- BINNE hard wax floor polish—Chas. H. Brown Paint Co., 188 Montague, Brooklyn, N. Y.
- BIR match safes—Barnes-Ross Co., Indianapolis, Ind.
- BIRAM'S anemometers—B. R. Elliott Co., 108 6th, Pittsburgh, Pa.
- BIRD-ARCHER boiler compounds—Bird-Archer Co., 90 West, New York
- BIRD barn door hangers—S. B. Martin, Dalton, Ohio
- BIRD cold water paints—J. A. & W. Bird Co., Boston, Mass.
- BIRD rotary paper mill screens—Bird Machine Co., E. Walpole, Mass.
- BIRD tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
- BIRDELL farm wagons—Birdsell Mfg. Co., South Bend, Ind.
- BIRMINGHAM mine car wheels—Birmingham Car & Mfg. Co., Birmingham, Ala.
- BIRMINGHAM rubber mill machinery—Birmingham Iron Foundry, Derby, Conn.
- BISHOP car coupling handles—Handlan-Buck Mfg. Co., 210-14 W. 3rd, St. Louis, Mo.
- BISHOP floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.
- BISHOP time recorders—Bishop Calculating Recorder Co., 233 Broadway, New York
- BISHOPRIC asphalt roofing & plaster boards—Mastic Wall Board & Roofing Co., 1453 Este av, Cincinnati, Ohio
- BISHOP'S gauge glasses—F. H. Lovell & Co., Arlington, N. J.
- BISMARCK German Portland cement—Hammill & Gillespie, 240 Front, New York
- BISON belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- BISON corn & cob mills—Wolf & Co., Chambersburg, Pa.
- BISON stop & waste cocks—Fries & Co., 91 Main, Buffalo, N. Y.
- BISSELL light & power switchboards—Bissell, F., Co., Toledo, Ohio
- BISSELL plow coulters—Ohio Cultivator Co., Bellevue, Ohio
- BISSELL'S carpet sweepers & vacuum sweepers—Bissell Carpet Sweeper Co., Grand Rapids, Mich.
- BITOUS packing—Allen Packing Co. (Est. of), Collingswood, N. J.
- BITUFLEX asphalt—Canfield Oil Co., 3216 E. 55th, Cleveland, Ohio
- BITU-MORTAR waterproofing materials—Bitu-Mortar Waterproofing Co., 340 E. 27th, New York
- BI-UNE interior telephones—Electric Goods Mfg. Co., Canton, Mass.
- BIVOLT flaming arc lamps—Felix Hamburger Co., 215 4th av, New York



BIX cotton mops—Bix Janitor Supply Co., 1119 Pine, St. Louis, Mo.  
 BLACKAT roofing cements—Alcatraz Co., Inc., Richmond, Va.  
 BLACK buggy steel sheets—Whitaker, Glessner Co., Wheeling, W. Va.  
 BLACK BEAR rubber packing—Thermoid Rubber Co., Trenton, N. J.  
 BLACK BEAUTY currycombs—C. J. Bailey & Co., 22 Boylston, Boston, Mass.  
 BLACK BEAUTY stove polish—Ladd Co., 35 Warren, New York  
 BLACK BIRD conveyor belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.  
 BLACKBIRD kitchen sets—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 BLACKBORD cotton belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.  
 BLACK BOY stove pipe enamels—Cambria Paint & Color Co., Ltd., Johnstown, Pa.  
 BLACKBURN ground connection clamps—Blackburn Specialty Mfg. Co., Cleveland, Ohio  
 BLACKBURN guy clamps—Everstick Anchor Co., 1624 N. 8th, St. Louis, Mo.  
 BLACKBURN row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
 BLACK CHAMPION axes—Dunn Edge Tool Co., Oakland, Me.  
 BLACK CHAMPION scythes—Dunn Edge Tool Co., Oakland, Me.  
 BLACK CROSS packing—Revere Rubber Co., 60 High, Boston, Mass.  
 BLACK DAZZLE baking enamels—Boston Varnish Co., Everett Station, Boston, Mass.  
 BLACK DEVIL canvas stitched belting—National Belting Co., Elyria, Ohio  
 BLACK DIAMOND axle grease—World Refining Co., Easton, Pa.  
 BLACK DIAMOND belt dressing & belt fasteners—Black Diamond Mfg. Co., 1219 Bank, Cincinnati, Ohio  
 BLACK DIAMOND belting—Acme Belting Co., Niles, Mich.  
 BLACK DIAMOND carbon paper & typewriter ribbons—Black Diamond Ribbon & Carbon Co., Rochester, N. Y.  
 BLACK DIAMOND case hardening compounds—Rogers & Hubbard Co., Middletown, Conn.  
 BLACK DIAMOND core compounds—Black Products Co., 135th & Calumet, Chicago, Ill.  
 BLACK DIAMOND emery wheel dressers—J. L. Osgood Tool Co., Buffalo, N. Y.  
 BLACK DIAMOND files—G. & H. Barnett Co., 1076 Frederick av., Phila., Pa.  
 BLACK DIAMOND lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.  
 BLACK DIAMOND mine hangers—Electric Railway Equipment Co., Cincinnati, Ohio  
 BLACK DIAMOND miners' safety lamps—T. R. Jones Co., Wilkes-Barre, Pa.  
 BLACK DIAMOND miners' safety lamps & mining picks—Hardsocg Mfg. Co., Ottumwa, Ia.  
 BLACK DIAMOND ovens—Roberts Portable Oven Co., 2024 N. Major av, Chicago, Ill.  
 BLACK DIAMOND packing—Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 BLACK DIAMOND ready roofing—Barret Co., 17 Battery pl, New York  
 BLACK DIAMOND removable screw calks—Williams Drop Forging Co., Scranton, Pa.  
 BLACK DIAMOND shoe knives—Tucke Mfg. Co., Brockton, Mass.  
 BLACK FLAG stove polish—John M. Wolf Co., 742 Flushing av, Brooklyn, N. Y.  
 BLACK GIANT paints—Swift Paint Co., Wade bldg., Cleveland, Ohio  
 BLACK HAWK corn planters, clod crushers, manure spreaders & pulverizers—D. M. Sechler Implement & Carriage Co., Moline, Ill.  
 BLACK HAWK corn planters & manure spreaders—Oliver Chilled Plow Works, South Bend, Ind.  
 BLACK HAWK floor scrapers—Putnam Mfg. Co., Davenport, Ia.  
 BLACK HAWK floor scrapers—Rock Island Mfg. Co., Rock Island, Ill.  
 BLACK HAWK hand shellers—A. H. Patch, Clarks-ville, Tenn.  
 BLACK HAWK riding listers—South Bend Chilled Plow Co., South Bend, Ind.  
 BLACK HORSE toe-calks—Aetna Nut Co., Southington, Conn.  
 BLACK JACK packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.  
 BLACK JACK packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.  
 BLACK JACK packing—Wasl Packing Co., 304 New, Philadelphia, Pa.

BLACK JACK stove polish—Nickel Plate Stove Polish Co., 362 W. Illinois, Chicago, Ill.  
 BLACK JACK tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 BLACK KID stove polish—Nickel Plate Stove Polish Co., 362 W. Illinois, Chicago, Ill.  
 BLACK KNIGHT paints—National Roofing Co., Tonawanda, N. Y.  
 BLACK LINE linen hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 BLACKMAN blowers & ventilating fans—Howard & Morse, 46 Fulton, New York  
 BLACK MANNING carbon paints—Monolith Carbon Paint Co., Cincinnati, Ohio  
 BLACKMER saw sharpening machines—Crown Iron Works Co., Minneapolis, Minn.  
 BLACKOID sheet packing—Thermoid Rubber Co., Trenton, N. J.  
 BLACKOLA shoe blacking & polishes—World Polish Mfg. Co., York, Pa.  
 BLACKROCK plumbers' rubber goods—Canfield Rubber Co., Bridgeport, Conn.  
 BLACK SEAL rubber hose—Home Rubber Co., Trenton, N. J.  
 BLACK SILK stove polish—Black Silk Stove Polish Works, Sterling, Ill.  
 BLACKSMITH taper taps—Greenfield Tap & Die Corp., Greenfield, Mass.  
 BLACKSMOKE braided hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 BLACK SQUADRON packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.  
 BLACKSTONE car fenders & wheel guards—Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.  
 BLACKSTONE clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 BLACKSTONE pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 BLACKTHORN packing—Crandall Packing Co., Palmyra, N. Y.  
 BLACK TWIST auger bits—Job. T. Pugh, 5101 Ludlow, Phila., Pa.  
 BLACK VELVET cushion springs—National Spring & Wire Co., Albion, Mich.  
 BLACK WING packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York  
 BLAISDELL sewage ejectors—Blaisdell Machinery Co., Bradford, Pa.  
 BLAIR firemen's axes—American Axe & Tool Co., Glassport, Pa.  
 BLAIR hog rings—Heesen Bros. Co., Tecumseh, Mich.  
 BLAIR hog rings—Wm. E. Pratt Mfg. Co., 55 W. Lake, Chicago, Ill.  
 BLAIR hog rings—F. P. Smith & Co., Sharon Hill, Pa.  
 BLAISDELL filter presses—Blaisdell Co., Los Angeles, Cal.  
 BLAKE car steps & treads—Blake Car Step Works, Charlotte, N. C.  
 BLAKE floor drains & cleanouts—Blake Specialty Co., Rock Island, Ill.  
 BLAKE insulated staples—Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.  
 BLAKE rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.  
 BLAKE rock crushers—Traylor Engineering & Mfg. Co., Allentown, Pa.  
 BLAKE rock crushers—Union Iron Works Co., 311 California, San Francisco, Cal.  
 BLAKE rock crushers—Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.  
 BLAKE roll hammer crushers—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York  
 BLAKE screw driver & gimlet bits—C. E. Jennings & Co., 71 Murray, New York  
 BLAKE'S belt fastener—Greene, Tweed & Co., 109 Duane, New York  
 BLAKESLEE can righting machines—Burden & Blakeslee, Cazenovia, N. Y.  
 BLAKESLEE smoked beef shavers—G. D. Blakeslee & Co., 2856 Quinn, Chicago, Ill.  
 BLANCHARD churns—Hall Bros. Co., West Acton, Mass.  
 BLANCHARD oil engines & surface grinders—Blanchard Machine Co., Cambridge, Mass.  
 BLANCHARD tire detacher tools—A. W. Blanchard, 101 Liberty, Brooklyn, N. Y.  
 BLAZER salamanders—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.  
 BLEARTONE automobile horns—Oakes' Co., Indianapolis, Ind.  
 BLESSING steam traps, valves & pump governors—Albany Steam Trap Co., Albany, N. Y.  
 BLEVNEY tube grinding & polishing machines—Jno. C. Blevney, 209 Parkhurst, Newark, N. J.



- BLIE LINE screw drivers—Harding Mfg. Co., Mansfield, Ohio
- BLISS presses, dies & special machinery—E. W. Bliss Co., 19 Adams, Brooklyn, N. Y.
- BLITZ kitchen knives—Washington Cutlery Co., Wauertown, Wis.
- BLITZ paint & varnish remover—Eugene Arnstein, 45 W. 26th, Chicago, Ill.
- BLITZGER transformers—Clapp-Eastham Co., Cambridge, Mass.
- BLIZZARD air pumps—Bridgeport Brass Co., Bridgeport, Conn.
- BLIZZARD ensilage cutters, fodder cutters, feed carriers, etc.—Jos. Dick Mfg. Co., Canton, Ohio
- BLIZZARD hay knives—Dunn Edge Tool Co., Oakland, Me.
- BLIZZARD ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
- BLIZZARD insect guns—Thos. W. Houchin Co., 38 E. 21st, New York
- BLIZZARD water coolers—Standard Stamping Co., Broadway & Chambers, St. Louis, Mo.
- BLOCKI garden cultivators & clover bunchers—F. Blocki Co., Sheboygan, Wis.
- BLOOD'S axes—American Axe & Tool Co., Glassport, Pa.
- BLOOD'S waterproofing materials—T. L. Blood & Co., St. Paul, Minn.
- BLOOMFIELD belting & packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
- BLOUNT door checks—Worcester Mfg. Co., Worcester, Mass.
- BLOUNT gasoline engines—Blount Engineering Co., 100 High, Boston, Mass.
- BLOUNT potato diggers—Blount Plow Works, Evansville, Ind.
- BLOWER ensilage cutters—Silver Mfg. Co., Salem, Ohio
- BLUE BELL dry batteries—Western Electric Co., 463 West, New York
- BLUE BELL suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- BLUE BIRD clothes line reels—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.
- BLUE BLOOD packing—Chas. L. Ireson, 221 High, Boston, Mass.
- BLUE CENTER steel plow rope—John A. Roebling's Sons Co., Trenton, N. J.
- BLUE CLIP crucible tool steels—Firth-Sterling Steel Co., McKeesport, Pa.
- BLUE DIAMOND sheet packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
- BLUE EDGE brake linings—Woven Steel Hose & Rubber Co., Trenton, N. J.
- BLUE GRASS axle grease—Indian Refining Co., 44 Whitehall, New York
- BLUE GRASS fishing reels—B. F. Meeks & Son, Louisville, Ky.
- BLUE GRASS oak flooring—New Glasgow Planing Mill, Glasgow, Ky.
- BLUE JACKET hatchets—Germantown Tool Works, 57 Armat. Gtn., Phila., Pa.
- BLUE JAY brush breaker plows—Parlin & Orendorff Co., Canton, Ill.
- BLUE LABEL piano wire—Webb Wire Works, New Brunswick, N. J.
- BLUE LABEL safety fuse & miners' squibs—E. I du Pont de Nemours & Co., Wilmington, Del.
- BLUE LINE logging tools—American Logging Tool Co., Evart, Mich.
- BLUE LINE ripping knives—Harding Mfg. Co., Mansfield, Mass.
- BLUE RACK laundry tubs—New Haven Granite Works, New Haven, Conn.
- BLUE RIBBON belt dressing—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.
- BLUE RIBBON belt dressing, rope dressing, wire rope coating & lubricant—Jobbers' Mfg. Co., 327 S. La Salle, Chicago, Ill.
- BLUE RIBBON corn brooms—Chas. Plunkett, 205 Duane, New York
- BLUE RIBBON grass hooks—Dunn Edge Tool Co., Oakland, Me.
- BLUE RIBBON kitchen enameled ware—National Enameling & Stamping Co., 411 5th av, New York
- BLUE RIBBON metal polish, stove polish & automobile soap—International Metal Polish Co., 2142 N. Capitol av, Indianapolis, Ind.
- BLUE RIBBON rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
- BLUE RIBBON trunks—Tuttle & Clark, Detroit, Mich.
- BLUE RIBBON woven wire fences & wire poultry netting—Keystone Steel & Wire Co., Peoria, Ill.
- BLUE RIVER lime cement—Louisville Cement Co., Louisville, Ky.
- BLUE ROCK shooting traps—Chamberlain Cartridge & Target Co., Cleveland, Ohio
- BLUE SEAL dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
- BLUE SEAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
- BLUE SEAL rock wall plaster—Rock Plaster Mfg. Co., 381 4th av, New York
- BLUE SEAL white lead—Wm. Waterall & Co., Camden, N. J.
- BLUESKIN belt lacing—Henry K. Barnes Co., 234 Devonshire av, Boston, Mass.
- BLUE STAR corn planters, pumps & windmills—Wisstrand Mfg. Co., Galva, Ill.
- BLUE STONE belting—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
- BLUESTONE kitchen enameled ware—John Dunlap Co., Gregg, Pittsburgh, Pa.
- BLYSTONE concrete mixers—Blystone Mfg. Co., Cambridge Springs, Pa.
- BOARDMAN pump governors—Locke Regulator Co., Salem, Mass.
- BO-ARROW galvanized cross arms—Hubbard & Co., Pittsburgh, Pa.
- BOB laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
- BOB WHITE hay revolving rakes—Ohio Rake Co., Dayton, Ohio
- BOB WHITE toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
- BOCH porcelain insulators—R. Thomas & Sons Co., Lisbon, Ohio
- BOCORSELSKI universal joints—Bausch Machine Tool Co., Springfield, Mass.
- BODDEN flyers—Thos. Mayor & Son, 26 Olney, Providence, R. I.
- BODE farm wagons—Bode Wagon Co., 1655 Central av, Cincinnati, Ohio
- BOGART gas engines—Clark Brothers. Co., Olean, N. Y.
- BOHN dining car refrigerators & ice breakers—White Enamel Refrigerator Co., St. Paul, Minn.
- BOILERINE boiler compounds—Straus Boilerine Co., 30 Church, New York
- BOIS D'ARC insulator Pins & Brackets—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.
- BOKERS' automatic razor stroppers—H. Boker & Co., 101 Duane, New York
- BOKO pails & buckets, collapsible—Defiance Welding Co., Defiance, Ohio
- BOKOP tire heating furnaces & tire setters—Bokop, Webb & Palm, Defiance, Ohio
- BOLAND positive pressure blowers, centrifugal dryers, ventilating fans, polishing machines, vacuum pumps—H. J. Astle & Co., 118 Orange, Providence, R. I.
- BOLAND sand blast machines—H. J. Astle & Co., 118 Orange, Providence, R. I.
- BOLGER grease traps—Success Mfg. Co., Gloucester, Mass.
- BOLIVIAN rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
- BOLLES reversible window sash—Aerial E. Bolles, 52 Duane, New York
- BOLTE concrete mixers—Bolte Mfg. Co., Kearney, Neb.
- BOLTON hot water heaters—Detroit Heating & Lighting Co., Detroit, Mich.
- BOLTON (G. & J. B.) improved steam heaters—Foskett & Bishop Co., New Haven, Conn.
- BOLTON saw filling & setting machines—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
- BOMMER spring hinges—Bommer Bros., 270 Wiloughby av., Brooklyn, N. Y.
- BONANZA crayons—Standard Crayon Mfg. Co., Danvers, Mass.
- BONANZA fanning mills—Twin City Co., Minneapolis, Minn.
- BONANZA fruit & vegetable parers—Goodell Co., Antrim, N. H.
- BONANZA gasoline blast furnaces—Turner Brass Works, Sycamore, Ill.
- BONANZA harrows—Madison Plow Co., Madison, Wis.
- BONANZA harrows—Rock Island Plow Co., Rock Island, Ill.
- BONANZA lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.
- BONANZA lubricators—Chas. H. Besly & Co., 120 N. Clinton, Chicago, Ill.
- BONAR gauge cocks—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
- BOND crown corks—Bond Bottle Sealing Co., 501 Monroe, Wilmington, Del.
- BOND—journal bearings—Bond Foundry & Machine Co., Manheim, Pa.



- BONDKOTE waterproofing materials—Thompson & Co., N. S., Pittsburgh, Pa.
- BONHAM tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
- BONHEIMS tire air pumps—Lake Erie Mfg. Co., Buffalo, N. Y.
- BONITA carpet nails—Milwaukee Tack Co., Milwaukee, Wis.
- BONNELL'S stove pipe enamels—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.
- BONNER cement—Bonner Portland Cement Co., Bonner Springs, Kans.
- BONNER life saving nets—S. F. Hayward & Co., 250 W. 54th, New York
- BONNEY hollow augers—Buckeye Saw Vise Co., Cleveland, Ohio
- BONNEY hollow augers—E. C. Stearns & Co., Syracuse, N. Y.
- BONNEY vises & wrenches—Bonney Vise & Tool Works, Allentown, Pa.
- BONNIE hammer handles—American Handle Co., Jonesboro, Ark.
- BON TON hot water radiators—South Park Foundry & Machine Co., St. Paul, Minn.
- BONZANO rail step joints—Q. & C. Co., 90 West, New York
- BOOLS oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- BOOMER grass catchers—R. F. Krause, Zion City, Ill.
- BOOMER hay carriers—Milwaukee Hay Tool Co., Milwaukee, Wis.
- BOOMER hot air furnaces & steel ranges—Hess, Snyder Co., Massillon, Ohio
- BOONE cement & wood fibre—Southern Gypsum Co., North Holston, Va.
- BOOSEY'S catch basin covers & water closet bends—Greenwood Mfg. Co., 540 Greenwood, Detroit, Mich.
- BOOTH handle turning lathes—Loetzer Valve & Mfg Co., Monroeton, Pa.
- BOOTH stock fountains—Maytag Co., Newton, Ia.
- BOOTH water softeners—L. M. Booth, 58 Hudson, Jersey City, N. J.
- BO-PEEP infant sets—E. I. du Pont de Nemours & Co. (The Arlington Works), 725 B'way, New York
- BORAX-ETTEE welding compounds—Cortland Welding Compound Co., Cortland, N. Y.
- BORCHERDT fishing tackle boxes—Wilson F. Cortez Co., 323 W. Lake, Chicago, Ill.
- BORCHERDT fishing tackle boxes—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- BORCHER'S electric furnaces—Elmer & Amend, 18th & 3rd, New York
- BORDEAU bucket spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
- BORDEAUX water tube boilers—Marine Boiler Works Co., Toledo, Ohio
- BORDEN'S grab hooks—Wallingford Mfg. Co., Wallingford, Vt.
- BORDO swing joints, feed water regulators, water columns & valves—L. J. Bordo Co., 12th & Thompson, Phila., Pa.
- BORON foundry flux—American Boron Products Co., Reading, Pa.
- BOREAS air drill hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
- BORTHWICK saw sharpening machines—Henry Diston & Sons, Tacony, Phila., Pa.
- BOSALT boiler compounds—Thomsen Chemical Co., Munsey bldg, Baltimore, Md.
- BOSCH gas igniters—Bosch Magneto Co., 223 W. 46th, New York
- BOSCO conduit benders—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
- BOSLEY'S weather strips—D. W. Bosley Co., 122 S. Michigan av, Chicago, Ill.
- BOSS animal pokes—Tuller Mfg. Co., Kansas City, Mo.
- BOSS barn door hangers—Arnold Co., Norwalk, Conn.
- BOSS bath & basin traps—Ireland & Matthews Mfg. Co., Detroit, Mich.
- BOSS bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- BOSS boring machines—Hardware Specialty Mfg. Co., Anderson, Ind.
- BOSS brick dryers—John C. Boss Co., Elkhart, Ind.
- BOSS bucket pumps—B. F. Biggs Pump Co., Lafayette, Ind.
- BOSS dinner pails—Sullivan-Geiger Co., Indianapolis, Ind.
- BOSS feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
- BOSS fixtures—John Driver, San Leandro, Cal.
- BOSS floor scrapers—Geo. J. Kepplinger, Dwight, Ill.
- BOSS gas engines & steam traction engines—Russell & Co., Massillon, Ohio
- BOSS gas ovens—Huenefeld Co., Cincinnati, Ohio
- BOSS gas ranges—Huenefeld Co., Cincinnati, Ohio
- BOSS gasoline engines—Walker Mfg. Co., Council Bluffs, Iowa
- BOSS grain car loaders—Maroa Mfg. Co., Maroa, Ill.
- BOSS hame fasteners—American Mfg. Co., Chattanooga, Tenn.
- BOSS harrows—Anderson Company, St. Paul, Minn.
- BOSS harrows—Madison Plow Co., Madison, Wis.
- BOSS hay carriers—Strickler Hay Tool Co., Janesville, Wis.
- BOSS heel building machines—United Shoe Machinery Co., 205 Lincoln, Boston, Mass.
- BOSS horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
- BOSS horse collar pads—Curtis-Dexter Co., Madison, Wis.
- BOSS lawn swings—Thos. K. Barley, Sedalia, Mo.
- BOSS lawn & garden rollers—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
- BOSS leather aprons—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.
- BOSS lemon squeezers—A. C. Williams Co., Ravenna, Ohio
- BOSS ore sacks—Colorado Tent & Awning Co., Denver, Colo.
- BOSS outlet & locknut bushings—Belcher & Loomis Hdw. Co., 89 Weybosset, Providence, R. I.
- BOSS outlet & locknut bushings—Electrical Specialty Mfg. Co., 49 Beaufort, Providence, R. I.
- BOSS peanut roasters—Bartholomew Co., Peoria, Ill.
- BOSS photographic lenses—Geo. Murphy (Inc.), 57 E. 9th, New York
- BOSS pipe caps—Belcher & Loomis Hardware Co., 89 Weybosset, Providence, R. I.
- BOSS plows—Collins Plow Co., Quincy, Ill.
- BOSS power hammers—Armstrong Mfg. Co., Waterloo, Ia.
- BOSS riding listers—Peru Plow & Wheel Co., Peru, Ill.
- BOSS road scrapers—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
- BOSS rubber washers—Combination Rubber Mfg. Co., Bloomfield, N. J.
- BOSS shingle mill machinery—Davis Fdry. & Machine Works, Rome, Ga.
- BOSS shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.
- BOSS spring tooth attachments—G. A. Kelly Plow Co., Longview, Tex.
- BOSS step ladders & flag pole fixtures—Aber Driver & Co., San Leandro, Cal.
- BOSS sugar cane strippers—American Mfg. Co., Chattanooga, Tenn.
- BOSS tire air pumps—Cox Brass Mfg. Co., Albany, N. Y.
- BOSS tube expanders—J. Faessler Mfg. Co., Moberly, Mo.
- BOSS tube expanders—Oswego Tool Co., Oswego, N. Y.
- BOSS valves—Louis Lipp Co., Mitchell av & B. & O. R. R., Cincinnati, Ohio
- BOSS vises—Athol Machine Co., Athol, Mass.
- BOSS wagons—Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.
- BOSTON ash sieves—Parker Wire Woods Co., Worcester, Mass.
- BOSTON automobile wrenches—Boston Wrench Co., 31 State, Boston, Mass.
- BOSTON barrel swings—Penn Hardware Co., Reading, Pa.
- BOSTON bean & pea planters—Moline Plow Co., Moline, Ill.
- BOSTON blow-off tanks—R. Estabrook's Sons, 204 W. 1st, South Boston, Mass.
- BOSTON cleanouts—R. Estabrook's Sons, 204 W. 1st, South Boston, Mass.
- BOSTON cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
- BOSTON engine lubricators—Wm. Powell Co., Cincinnati, Ohio
- BOSTON fire hose & hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- BOSTON glass door ovens—S. M. Howes Co., 40 Union, Boston, Mass.
- BOSTON goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
- BOSTON grease traps—R. Estabrook's Sons, 204 W. 1st, South Boston, Mass.
- BOSTON heel plates—Louis Sacks, Hamburg pl, Newark, N. J.
- BOSTON incandescent renewed lamps—Boston Economy Lamp Division, Danvers, Mass.
- BOSTON organ motors—F. E. Whitney, 65 Sudbury, Boston, Mass.



- BOSTON packing & gauge glass cutters—A. W. Ches-  
terton Co., 64 India, Boston, Mass.
- BOSTON paint & varnish remover—Boston Varnish  
Co., Boston, Mass.
- BOSTON pencil sharpeners—Boston Specialty Corp.,  
261 Broadway, New York
- BOSTON range boilers—Dahlquist Mfg. Co., 40 W.  
3rd, S. Boston, Mass.
- BOSTON rod cutters—H. K. Porter, Everett, Mass.
- BOSTON rubber hose belting—Boston Belting Co.,  
84 Linden Park St., Boston, Mass.
- BOSTON sand mixing machines—Barbour Stockwell  
Co., Cambridge, Mass.
- BOSTON self-oiling hangers—American Tool & Ma-  
chine Co., 10 High, Boston, Mass.
- BOSTON sink brackets—Joseph H. Young Co., 82  
High, Boston, Mass.
- BOSTON sink strainers—Morgan Spring Co., Wor-  
cester, Mass.
- BOSTON stoves—Chilson Furnace Co., Mansfield,  
Mass.
- BOSTON tire benders—Butts & Ordway Co., 33 Pur-  
chase, Boston, Mass.
- BOSTON trace trimming machines—Campbell-Bos-  
worth Machine Co., 205 Lincoln, Boston, Mass.
- BOSTON water filter & water coolers—Boston Filter  
Co., Chelsea, Mass.
- BOSTON whisk brooms—Halsted Brush Co., 71 Park  
pl, New York
- BOSTON GIANT park sprinklers—Spray Eng'n'g Co.,  
93 Federal, Boston, Mass.
- BOSTON PATTERN row-locks—Wilcox, Crittenden  
& Co., Middletown, Conn.
- BOSTON STAR white & red lead—Chadwick-Boston  
Lead Co., Boston, Mass.
- BOSTROM levels—Bostrom-Brady Mfg. Co., Atlanta,  
Ga.
- BOSTWICK automatic elevator gates—Stewart Iron  
Works, Covington, Ky.
- BOSTWICK belting & rubber hose—Voorhees Rubber  
Mfg. Co., Jersey City, N. J.
- BOSTWICK metal lath, steel corner beads, wall plugs,  
& wall ties—Bostwick Steel Lath Co., Niles,  
Ohio
- BOUGLE MERCEDES spark plugs—Herz & Co., 245  
W. 55th, New York
- BOULET'S test indicators—Boulet Fine Tool Works,  
Sebago Lake, Me.
- BOULTON'S improved pitless hopper scales—Dayton  
Pitless Scale Co., Dayton, Ohio
- BOULT'S dovetail machines—American Steam Pump  
Co., Battle Creek, Mich
- BOUND BROOK graphite bearings, bushings & wash-  
ers—Graphite Lubricating Co., West Main, Bound  
Brook, N. J.
- BOURBON strain insulators—Creaghead Engng. Co.,  
340 Main, Cincinnati, Ohio
- BOURDON steam gauge springs—A. H. Wells & Co.,  
Waterbury, Conn.
- BOURGEOIS feed water heaters—Kroeschell Bros.  
Co., 440 W. Erie, Chicago, Ill.
- BOVEE compound radiator & hot air furnaces—  
Bovee Furnace Works, Waterloo, Ia.
- BOW HOLD FAST rests—Thomson Mfg. Co., Water-  
town, Mass.
- BOWER sewer gas traps—Monarch Brass Co., Cleve-  
land, Ohio
- BOWERS carbureters—Gilbert Mfg. Co., New Haven,  
Conn.
- BOWERS pattern anti-siphon traps—Humphreys Mfg.  
Co., Mansfield, Ohio
- BOWES fire hose racks—W. D. Allen Mfg. Co., 570  
Lake, Chicago, Ill.
- BOWES pneumatic hose couplings—Cleveland Pneu-  
matic Tool Co., 6410 Hawthorne av, Cleveland,  
Ohio
- BOWLIN'S FEATHERWEIGHT ice creepers—J. M.  
Warren & Co., Troy, N. Y.
- BOWMAN coffee percolators—Geo. H. Bowman Co.,  
Cleveland, Ohio
- BOWMAN ditcher & grader—T. W. Snow Construc-  
tion Co., 537 S. Dearborn, Chicago, Ill.
- BOWMAN railroad ditching machines—United Iron  
Works Co., Springfield, Mo.
- BOWSER wire cloth racks—R. M. Bowser & Son, Ren-  
frew, Pa.
- BOWSHER corn mills & speed indicators—N. P.  
Bowsher Co., South Bend, Ind.
- BOX padlocks—Slaymaker Lock Co., Lancaster, Pa.
- BOX switch stands—Pettibone, Mulliken & Co., 140  
S. Dearborn, Chicago, Ill.
- BOX terrier openers—Bridgeport Hardware Mfg.  
Corp., Bridgeport, Conn.
- BOXITE abrasive discs—Chas. H. Besly & Co., 120  
Clinton, Chicago, Ill.
- BOYD brick presses—Chisholm, Boyd & White Co.,  
57th & Wallace, Chicago, Ill.
- BOYD chemical fire engines—James Boyd & Bro., 25th  
& Wharton, Phila., Pa
- BOYDEN sight feed lubricators—McNab & Harlin  
Mfg. Co., 55 John, New York
- BOYD GENUINE fruit jar caps—Ball Bros. Glass  
Mfg. Co., Muncie, Ind.
- BOYD'S pole snaps—Chas. Berry, Somerville, Mass.
- BOYER riveting & chipping hammers—Chicago Pneu-  
matic Tool Co., Fisher bldg, Chicago, Ill.
- BOYER roller bearings—Suspension Roller Bearing  
Co., Sandusky, Ohio
- BOYER speed indicating meters; pneumatic beading,  
chipping & calking hammers, drills; pneumatic  
pile drivers & piston drills, riveters & scaling  
hammers, & stone carving & cutters' tools—  
Chicago Pneumatic Tool Co., Fisher bldg, Chi-  
cago, Ill.
- BOYERS hay carriers & gliding settees—Goshen Mfg.  
Co., Goshen, Ind.
- BOYLSTON packing & pump governors—Chicago En-  
gineer Supply Co., 68 W. Lake, Chicago, Ill.
- BOYLSTON steam traps—Western Kieley Steam Spe-  
cialty Co., 116 W. Illinois, Chicago, Ill.
- BOYLSTON valves—Boylston Steam Specialty Co.,  
116 W. Illinois, Chicago, Ill.
- BOYNTON barn door latches—Hammer & Co., Bran-  
ford, Conn.
- BOYNTON steam & hot water heaters—Boynton Fur-  
nace Co., 106 W. 37th, New York
- BOYNTON warp spools—U. S. Bobbin & Shuttle Co.,  
57 Eddy, Providence, R. I.
- BRACE roof snowguards—Hamblin & Russell Mfg.  
Co., Worcester, Mass.
- BRACH lighting arresters—L. S. Brach Supply Co.,  
143 Liberty, New York
- BRADBURY shoe repairing machines—Dunlap Machy.  
Co., Ltd., 69 Beekman, New York
- BRADDOCK rail joints—Carnegie Steel Co., Car-  
negie bldg, Pittsburgh, Pa.
- BRADFORD coal breaker machinery—Pennsylvania  
Crusher Co., Stephen Girard bldg., Phila., Pa.
- BRADFORD cotton softeners—Arabol Mfg. Co., 100  
William, New York
- BRADFORD fire extinguishers—National Inspection  
Co., 25th & Wharton, Phila., Pa.
- BRADLEY gas producers—Duff Patents Co., Frick  
bldg., Pittsburgh, Pa.
- BRADLEY hinges, hooks & shelf brackets—Atlas Mfg.  
Co., New Haven, Conn.
- BRADLEY marking pots—A. J. Bradley Mfg. Co., 101  
Beekman, New York
- BRADLEY pattern knives—Jas. Swan Co., Seymour,  
Conn.
- BRADLEY pulverizers—Bradley Pulverizer Co., 92  
State, Boston, Mass
- BRADLEY shaft couplers—C. C. Bradley & Son, Syra-  
cuse, N. Y.
- BRADY drinking fountains—Prier Brass Mfg. Co.,  
Kansas City, Mo.
- BRADY junction boxes—Brady Electric Mfg. Co., New  
Britain, Conn.
- BRADY'S brass irons—Brady Electric Mfg. Co., New  
Britain, Conn.
- BRADY'S tobacco shears & socket wedges—Jno. B.  
Black Co., Chester, Pa
- BRAINARD pulverizing machines—Midland Crusher-  
Pulverizer Co., 37 W. Vanburen, Chicago, Ill.
- BRAMCO asbestos materials—Baltimore Roofing &  
Asbestos Mfg. Co., Baltimore, Md.
- BRAMMER clothes washing machines—H. F. Bram-  
mer Mfg. Co., Davenport, Ia.
- BRAMPTON'S power transmission chains—Charles E.  
Miller, 97 Reade, New York
- BRAMWELL feeds—Clark Machine & Foundry Co.,  
Franklin, Mass.
- BRAMWELL feeds—Geo. S. Harwood & Son, 53  
State, Boston, Mass.
- BRAND sash operating device—J. S. Thorn Co., 20th  
& Allegheny av, Phila., Pa.
- BRAND syrup evaporators—Southern Plow Co., Col-  
umbus, Ga.
- BRANDEN rubber pump valves—Crosby Steam Gage  
& Valve Co., 40 Central, Boston, Mass.
- BRANDES tool grinders—Springfield Mfg. Co.,  
Bridgeport, Conn.
- BRAND NEW emery grinders—Edwin A. Newton,  
210 N. 4th, Philadelphia, Pa.
- BRANDON sheet packing—H. Johnson Co., ft. Gates  
av, Jersey City, N. J.
- BRANDT potato sprayers—Brandt Mfg. Co., Minne-  
apolis, Minn.
- BRANDY fibre cleaning machines—Samuel Smith Ma-  
chine Co., Lawrence, Mass.
- BRANNAN paper folding machines—Dillon Mach. Co.,  
Lawrence, Mass.
- BRASCO closet seats—Columbus Brass Co., Colum-  
bus, Ohio



BRASCOLITE lighting fixtures—Luminous Unit Co., St. Louis, Mo.  
 BRASCOTT freight car ladders—Damascus Brake Beam Co., Cleveland, Ohio  
 BRASSBRITE metal polish—Sherwin-Williams Co., Cleveland, Ohio  
 BRASSCRAFTERS bath room fixtures, metal frame mirrors, towel bars, medicine cabinets & needle & shower baths—J. P. Eustis Mfg. Co., Cambridge, Mass.  
 BRASSITE packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.  
 BRASS KING metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.  
 BRASS KOTE enamels—Northwestern Chemical Co., Marietta, Ohio  
 BRASS-NU metal polish—Nu Back Mfg. Co., 114 N. Commercial, St. Louis, Mo.  
 BRAUER acetylene gas machines—Brauer Acetylene Lighting Co., Marshalltown, Ia.  
 BRAUN centrifugals—Braun Electric Mfg. Co., Canal Dover, Ohio  
 BRAUN crucible furnaces, cupel machines, hydro-carbon burners, sample ore grinders & briquetting machinery—Braun-Knecht-Heimann Co., San Francisco, Cal.  
 BRAUN grass catchers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.  
 BRAY gas burners—Wm. M. Crane Co., 16 W. 32d, New York.  
 BRAYMAN drain boxes & floor drains—Jiffy Fire Hose Rack Co., 725 7th av, New York  
 BRAZIL underground conduits—Brazil Hollow Brick & Tile Co., Brazil, Ind.  
 BRAZIL wrought iron turnbuckles—Republic Iron & Steel Co., Youngstown, Ohio  
 BRAZILIAN glue—Wood & Hare, 66 Leonard, New York.  
 BRAZIRON brazing compounds—A. & J. Mfg. Co., 559 W. Lake, Chicago, Ill.  
 BREAKLESS stay bolts—Flexible Bolt Co., Thompson av. Pittsburgh, Pa.  
 BREAK NOT hydrometer—E. Edelman & Co., 341-369 E. Ohio, Chicago, Ill.  
 BRECHT butchers' machinery, fertilizer dryers, evaporators, etc.—Brecht Co., 1201 Cass av, St. Louis, Mo.  
 BRECKENRIDGE acetylene gas lamps—Seiss Mfg. Co., Toledo, Ohio  
 BRECKENRIDGE automatic air valves—H. B. Smith Co., Westfield, Mass.  
 "BREEK-BLOCK" spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.  
 BREEZE gasoline strainers—Breeze Carbureter Co., 250 South, Newark, N. J.  
 BREEZE wind shields—Cartier-Chapman & Co., Ludington, Mich.  
 BREMEN pumping engines—Bremen Mfg. Co., Bremen, Ohio  
 BRENNIN shade cloth—Chas. W. Breneman & Co., 2045 Reading rd. Cincinnati, Ohio  
 BRENNAN rock crushers—Coldwell-Wilcox Co., Newburgh, N. Y.  
 BRETAND Bessemer converters—J. V. Bretand, W. Gd. blvd. Detroit, Mich.  
 BREWICE paints for coating—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.  
 BREWSTER carriage fasteners—C. Cowles & Co., New Haven, Conn.  
 BRICKENSTEIN rural mail boxes—Brickenstein, L. B., Winston-Salem, N. C.  
 BRIDGEPORT air pumps—Bridgeport Brass Co., Bridgeport, Conn.  
 BRIDGEPORT foundry molding machines & molders' flasks—Bridgeport Die & Machine Co., Bridgeport, Conn.  
 BRIDGEPORT gore elastic shoe goring—Hub Gore Makers, 179 Lincoln, Boston, Mass.  
 BRIDGEPORT paint & varnish remover—Bridgeport Wood Finishing Co., New Milford, Conn.  
 BRIDGEPORT pliers & putty knives—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 BRIDGMAN expansion joints, unions, vacuum valves, etc.—Bridgman Bros. Co., 1426 Washington av, Phila., Pa.  
 BRIEN hot air furnaces—Brien Heater Co., Westfield, Mass.  
 BRIGGS wrenches—Bemis & Call Hardware & Tool Co., Springfield, Mass.  
 BRIGHT EYE lanterns—Burchwell Mfg. Co., Pontiac bldg., St. Louis, Mo.  
 BRIGHT IDEA steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.  
 BRIGHTON fruit presses, cherry stoners, nut crackers, lemon squeezers, spice mills, tack hammers, tobacco counter cutters, ice shredders & clothes

lines pulleys—Wrightsville Hardware Co., Wrightsville, Pa.  
 BRIGHTON horse nails—Standard Horse Nail Co., New Brighton, Pa.  
 BRIGHTON shoe lasts & stands—Wrightsville Hardware Co., Wrightsville, Pa.  
 BRIGHT'S dry core compounds—Federal Foundry Supply Co., 2639 E. 79th, Cleveland, Ohio  
 BRIGHTWOOD journal bearings—Rider-Bagg Co., Springfield, Mass.  
 BRILL cars, snow plows & snow sweepers—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.  
 BRILLIANT car signs—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.  
 BRILLIANT gasoline lamps—Brilliant Gas Lamp Co., 1009 S. Wabash, Chicago, Ill.  
 BRILLIANT IDEAL clothing wardrobes & show cases—M. L. Himmel & Son, 109 N. Frederick av, Baltimore, Md.  
 BRILLIANT incandescent electric lamps—Brilliant Electric Works of G. E. Co., Cleveland, Ohio  
 BRILLIANT incandescent gas mantles—S. S. Momand Light Co., 336 Columbus av, New York  
 BRILLIANT metal polish—F. M. Trafton Co., 176 Federal, Boston, Mass.  
 BRILLIANT railway lanterns—Ohio lantern Co., Tiffin, Ohio  
 BRILLIANTSHINE metal polish—E. W. Bennett & Co., San Francisco, Cal.  
 BRILLIANTINE enamel gold paints—Devoe & Raynolds Co., 101 Fulton, New York  
 BRILLION gasoline engines & clod crushers—Moline Plow Co., Moline, Ill.  
 BRIMO adjustable drawing table—Fred'k Post Co., 3635 S. Clark, Chicago, Ill.  
 BRINELL hardness testing machines—Pittsburgh Instrument & Machine Co., 236 3d av, Pittsburgh, Pa.  
 BRINKMAN tube polishing machines—Baltimore Tube Co., Wicomico & Ostend, Baltimore, Md.  
 BRISAM boiler compounds—British-American Chemical Co., Paterson, N. J.  
 BRISBEN emery wheel dressers—Cleveland Flue Cleaner Mfg. Co., Cleveland, Ohio  
 BRISBEN emery wheel dressers—Osborn-Crew Mfg. Co., Cleveland, Ohio  
 BRISTOL safety hollow set screws—Bristol Co., Waterbury, Conn.  
 BRISTOL clothes lines—Estes Mills, Fall River, Mass.  
 BRISTOL counting machines—Chas. J. Root, Bristol, Conn.  
 BRISTOL revolution counters—C. J. Root Co., Bristol, Conn.  
 BRISTOL rubber hose & packing—National India Rubber Co., Bristol, R. I.  
 BRISTOL steel fishing rods—Horton Mfg. Co., Bristol, Conn.  
 BRISTOL CARPENTER screw drivers—Turner & Deegan, Bristol, Conn.  
 BRISTOL'S belt fasteners, thermometers, pressure gauges, time recorders, planimeters & heat regulators—Bristol Co., Waterbury, Conn.  
 BRISTOL'S store trucks—Thos. Packer, Union City, Conn.  
 BRITE LITE miners' safety lamps—Harker Mfg. Co., 410 Pearl, Cincinnati, O.  
 BRITELITE trouble finding automobile lamps—American Enamel Co., Providence, R. I.  
 BRITTON drain cocks & priming cups—Peter A. Frasse & Co., Inc., 417 Canal, New York  
 BRITTON evener regulators—Saco-Lowell Shops, Boston, Mass.  
 BROADBENT & BRIGHAMS hosiery winders—Arthur A. Brigham, Old South bldg. Boston, Mass.  
 BROADCAST fertilizer distributors—Richardson Mfg. Co., Worcester, Mass.  
 BROCKTON mop wringers—Brockton Mop Wringer Co., Brockton, Mass.  
 BRO-GAR spark plugs—Brockett-Gorham Co., Marion, Ohio  
 BROHARD door stops & ventilating sash locks—Brohard Co., 3rd & Lehigh, Phila., Pa.  
 BROMLEY concrete floors & arches—Barber Asphalt Paving Co., Woolworth bldg., New York  
 BRONCHO rubber hose belting—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio  
 BRONCHO concrete mixers—Lansing Co., Lansing, Mich.  
 BRONX stoves—Union Stove Works, 70 Beekman, New York  
 BRONZEX ball valve seats—Chas. N. Hough Mfg. Co., Franklin, Pa.  
 BROOK rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 BROOKDUCT interior conduits—Eastern Flexible Conduit Co., 41 Gardner av, Brooklyn, N. Y.



- BROOKLYN Bridge cement—Consolidated Rosendale Cement Co., 50 Church, New York
- BROOKLYN fry pans—New York Stamping Co., N. 11th & Ferry, Brooklyn, N. Y.
- BROOKLYN labeling machines—Chas. Leffler & Co., 71 Clymer, Brooklyn, N. Y.
- BROOKLYN metal lath—Brooklyn Metal Ceiling Co., 285 Greene av., Brooklyn, N. Y.
- BROOKLYN refined sulphur—Battelle & Renwick, 80 Maiden lane, New York
- BROOKLYN sink strainers—Silver & Co., 308 Hewes, Brooklyn, N. Y.
- BROOKS cold tire setters—Brooks Machine Co., Wichita, Kans.
- BROOKS potentiometers—Leeds & Northrup Co., Stenton av., Gtn., Phila., Pa.
- BROOKS gauge glass gaskets & packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.
- BROOKVILLE farm wagons—Brookville Mfg. Co., Brookville, Pa.
- BROOME surface heating concentrators—Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
- BROOMELL vapor heating system—Vapor Heating Co., North American bldg., Phila., Pa.
- BROUGHTON cocks & bibbs—E. Stebbins Mfg. Co., Springfield, Mass.
- BROUGHTON plaster mixers—W. D. Dunning, Syracuse, N. Y.
- BROWDER life saving nets—Cory-Patterson Mfg. Co., Greenfield, Ohio
- BROWN boiler compounds—American Oil & Lubricant Works, Rochester, N. Y.
- BROWN CHAMPION post hole diggers, farm wagons, fertilizer distributors—Brown Mfg. Co., Zanesville, Ohio
- BROWN churns—M. Brown Co., Wapakoneta, Ohio
- BROWN coil chain—Bridgeport Chain Co., Bridgeport, Conn.
- BROWN cut-off couplings—Brown Clutch Co., Sandusky, Ohio
- BROWN glass insulators—Brookfield Glass Co., 2 Rector, New York
- BROWN hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- BROWN hydraulic lime—Fowler & Pay, Mankato, Minn.
- BROWN leaf spring oilers—Brown Spring Oiler Co., 6911 Carnegie av., S. E., Cleveland, Ohio
- BROWN marine gears—Hyde Windlass Co., Bath, Me.
- BROWN motor cycle tubes—Voorhees Rubber Mfg. Co., 18 Bostwick, Jersey City, N. J.
- BROWN pipe tongs—Crane Co. (Est. 1855), 836 S. Michigan av., Chicago, Ill.
- BROWN potato diggers—Peter Brown, Greeley, Colo.
- BROWN pulleys, pulley bushings & pulley oilers—Brown Engng. Co., Reading, Pa.
- BROWN pyrometers & recording indicators—Brown Instrument Co., Wayne & Windium av., Phila., Pa.
- BROWN safety winches—Yale & Towne Mfg. Co., 9 E. 40th, New York
- BROWN stalk cutters—Galesburg Coulter & Disc Co., Galesburg, Ill.
- BROWN & CARVER paper cutting machines—Oswego Machine Works, Oswego, N. Y.
- BROWNE hot air furnaces—Phillips Heating, Vent. & Mfg. Co., Los Angeles, Cal.
- BROWNE ice picks—W. G. Browne Mfg. Co., Kingston, N. Y.
- BROWNHOIST locomotive cranes, grab buckets, & sewer & trench & excavating machines—Brown Hoisting Machinery Co., 4403 St. Clair av., N. E., Cleveland, Ohio
- BROWNIE cameras—Eastman Kodak Co., Rochester, N. Y.
- BROWNIE megaphones—Kennebunk Mfg. Co., Rochester, N. H.
- BROWNIE potato sprayers—Leggett & Bro., 301 Pearl, New York.
- BROWNIE splicing compound taps—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- BROWN'S hog ringers—Decker Mfg. Co., Keokuk, Iowa.
- BROWN'S PERFECT seed corn testers—Burgess-Norton Mfg. Co., Geneva, Ill.
- BROWN'S PERFECTION bolts, nuts & rivets—A. R. Brown, Erwin, Tenn.
- BROWN'S pipe tongs—Ashcroft Mfg. Co., 119 W. 40th, New York
- BROWN'S roller bearing wheels—Concord Axle Co., Penacook, N. H.
- BROWN'S wagon skeins—American Skein & Foundry Co., Racine, Wis.
- BRUCKNER smelting furnaces—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
- BRUNELLE steam & hot water heaters—F. X. Brunelle, Worcester, Mass.
- BRUNNER air compressors—Brunner Mfg. Co., Utica, N. Y.
- BRUNNER platform scales—Brunner Foundry & Mfg. Co., Peru, Ill.
- BRUNO compression grease cups—Wm. Powell Co., Cincinnati, Ohio
- BRUNSVIGA adding machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
- BRUNSWICK asphalt mastic—Gabriel & Schall, 205 Pearl, New York
- BRUNSWICK packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
- BRUNTON ore samplers—Dillion-Box Iron Works Co., Denver, Colo.
- BRUNTON transits—Wm. Ainsworth & Sons, Denver, Colo.
- BRUNTON'S piano wire—Peter A. Frasse & Co. (Inc.), 417 Canal, New York
- BRUSH cloth mops—Brush Mop Co., 36 E. 23d, New York
- BRUYN cast iron swinging smoke jacks—Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
- BRUYN round house smoke jacks—Mann-McCann Co., Fisher bldg., Chicago, Ill.
- BRYAN folding counter seats—Bryan Novelty Mfg. Co., Bryan, Ohio
- BRYAN-MARSH incandescent electric lamps—Bryan-Marsh Electric Works, 431 S. Dearborn, Chicago, Ill.
- BRYAN store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
- BRYANT oil filters—Day Co., Minneapolis, Minn.
- BRYANT snap & bush switches—Bryant Electric Co., Bridgeport, Conn.
- BRYANT surface grinders—Bryant Chucking Grinder Co., Springfield, Vt.
- BRYANT switches—Bryant Electric Co., Bridgeport, Conn.
- BRYANT water heaters—Bryant Heater & Mfg. Co., 978 E. 64th, Cleveland, Ohio
- BRYANT-CLEVELAND arc light cut-outs—Bryant Electric Co., Bridgeport, Conn.
- BRYT-O carriage top dressing—Glo-Co., East Orange, N. J.
- BUCHANAN magnetic separators—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
- BUCHANAN plain crushing rolls—C. G. Buchanan Co., 90 West, New York
- BUCH'S feed cutters, root cutters & corn shellers—A Buch's Sons Co., Elizabethtown, Pa.
- BUCK shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
- BUCKEYE basin wrenches—Lamson & Sessions Co., 2188 Scranton rd., S. W., Cleveland, Ohio
- BUCKEYE blue printing machines—Buckeye Engine Co., Salem, Ohio
- BUCKEYE boiler cleaners—Buckeye Boiler Skimmer Co., Toledo, Ohio
- BUCKEYE can openers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- BUCKEYE car couplers—Buckeye Steel Castings Co., Columbus, Ohio
- BUCKEYE cement—Buckeye Portland Cement Co., Bellefontaine, Ohio
- BUCKEYE churns—Buckeye Churn Co., Sidney, Ohio
- BUCKEYE cleanser oil soap—Davies Young Soap Co., Dayton, Ohio
- BUCKEYE clothes washing machines—Buckeye Churn Co., Sidney, Ohio
- BUCKEYE common screw sticks—Chandler & Price Co., Cleveland, Ohio
- BUCKEYE concrete mixers—Buckeye Engine & Foundry Co., Joliet, Ill.
- BUCKEYE conduits—Western Conduit Co., Youngstown, Ohio
- BUCKEYE gasoline blow torches, sand blast machines, & paint and white wash spraying machines—Walter MacLeod & Co., 213 E. Pearl, Cincinnati, Ohio.
- BUCKEYE grain drills—American Seeding Machine Co., Springfield, Mass.
- BUCKEYE hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio.
- BUCKEYE hose reels—Cardington Cabinet Co., Cardington, Ohio
- BUCKEYE incandescent electric lamps—Buckeye Electric Works of G. E. Co., Cleveland, Ohio
- BUCKEYE incubators & brooders—Buckeye Incubator Co., Springfield, Ohio
- BUCKEYE jacks—Buckeye Jack Mfg. Co., Alliance, Ohio
- BUCKEYE joists hangers—Columbian Hardware Co., Cleveland, Ohio
- BUCKEYE lanterns—Iddings Co., Warren, Ohio
- BUCKEYE lawn mowers, pumps, woven wire fences—Mast, Foos & Co., Springfield, Ohio



- BUCKEYE lemon squeezers—A. C. Williams Co., Ravenna, Ohio  
 BUCKEYE metal polish—Buckeye Chemical Co., Akron, Ohio  
 BUCKEYE metallic shingles—Thomas & Armstrong Co., London, Ohio  
 BUCKEYE mowers—Moline Plow Co., Moline, Ill.  
 BUCKEYE packing—Crandall Packing Co., Palmyra, N. Y.  
 BUCKEYE plow coulters—Buckeye Mfg. Co., Canton, Ohio  
 BUCKEYE pruning shears—Clyde Cutlery Co., Clyde, Ohio  
 BUCKEYE road scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio  
 BUCKEYE rubber packing—Mechanical Rubber Co., Cleveland, Ohio  
 BUCKEYE saw sets, planes & chain attachment drills—Buckeye Saw Vise Co., Cleveland, Ohio  
 BUCKEYE screen door hinges—Shelby Spring Hinge Co., Shelby, Ohio  
 BUCKEYE shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio  
 BUCKEYE step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio  
 BUCKEYE stock & dies—Hart Mfg. Co., Cleveland, Ohio  
 BUCKEYE tack claws & pullers, pot scrapers, wire spring potato mashers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 BUCKEYE track jacks—Buckeye Jack Mfg. Co., Alliance, Ohio  
 BUCKEYE traction ditcher—Buckeye Traction Ditcher Co., Findlay, Ohio  
 BUCKEYE tungsten lamps—Buckeye Electric Works of G. E. Co., Cleveland, Ohio  
 BUCKEYE ventilators—Berger Mfg. Co., Canton, Ohio  
 BUCKEYE warm air furnaces—Barber Mfg. Co., Ashtabula, Ohio  
 BUCKEYE water lifts—Buckeye Pump & Mfg. Co., Columbus, Ohio  
 BUCKEYE FORD shock absorbers—Central Brass & Fixture Co., Springfield, Ohio  
 BUCKING BRONCHO children's vehicles—Burgess-Norton Mfg. Co., Geneva, Ill.  
 BUCKLEY hose expanders & coupling expanding machines—Larkin Mfg. Co., Dayton, Ohio  
 BUCKLEY NON-TANGLE flag pole fixtures—Forest & Howes, 307 Atlantic av., Boston, Mass.  
 BUCKLEY pyrometers—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 BUCKLIN pea filler—Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.  
 BUCYRUS steam shovels—Bucyrus Co., South Milwaukee, Wis.  
 BUDA car replacers & rail benders—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 BUDA-WILSON automatic feed drills—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 BUDLONG harrows—Janesville Mach. Co., Janesville, Wis.  
 BUELL'S hollow handle tool sets—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.  
 BUERKENS farm wagons—Buerkens Mfg. Co., Pella, Ia.  
 BUFFALO aqua & anhydrous ammonia—Robinson Bros., Montrose av., Brooklyn, N. Y.  
 BUFFALO belt fasteners—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.  
 BUFFALO brick carriers' clamps & salamanders—Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.  
 BUFFALO cabinet makers clamps—E. E. Josef Mfg. Co., Buffalo, N. Y.  
 BUFFALO clover bunchers & grain lifter guards—Eckhardt Mfg. Co., St. Paul, Minn.  
 BUFFALO core compounds—United Compound Co., 178 Ohio, Buffalo, N. Y.  
 BUFFALO egg poachers—Republic Metalware Co., Buffalo, N. Y.  
 BUFFALO electric hoists—Contractors Plant Mfg. Co., Buffalo, N. Y.  
 BUFFALO flour sifters & egg poachers—Republic Metalware Co., Buffalo, N. Y.  
 BUFFALO food choppers, kraut cutters & root cutters & sausage making machines—John E. Smith's Sons Co., Buffalo, N. Y.  
 BUFFALO forge blowers, tire upsetters & spray nozzles—Buffalo Forge Co., Buffalo, N. Y.  
 BUFFALO grain testers—Buffalo Scale Co., 120 Niagara, Buffalo, N. Y.  
 BUFFALO gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.  
 BUFFALO harness snaps—Frazer & Jones Co., Syracuse, N. Y.  
 BUFFALO hay presses—Maytag Co., Newton, Ia.  
 BUFFALO knife & scissor grinders & saw sharpening machines—Sam'l C. Rogers & Co., 10 Lock, Buffalo, N. Y.  
 BUFFALO lubricators, boiler injectors, gauge cocks & oil & grease cups, sight feed lubricators—Sherwood Mfg. Co., Buffalo, N. Y.  
 BUFFALO reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.  
 BUFFALO refrigerators—Heinz & Munschauer, Buffalo, N. Y.  
 BUFFALO rubber packing—Acme Rubber Mfg. Co., Trenton, N. J.  
 BUFFALO screen door hinges—Champion Hardware Co., Geneva, Ohio  
 BUFFALO snow shovels—Buffalo Sled Co., N. Tonawanda, N. Y.  
 BUFFALO staple pullers—Osmundson Spade Mfg. Co., Perry, Ia.  
 BUFFALO steam & hot water heaters—W. A. Case & Son Mfg. Co., Buffalo, N. Y.  
 BUFFALO stop & waste cocks—Fries & Co., 91 Main, Buffalo, N. Y.  
 BUFFALO tinware—Aldrich Mfg. Co., Buffalo, N. Y.  
 BUFFALO valve & service boxes—Central Foundry Co., 90 West, New York  
 BUFFALO valve & service boxes—Modern Iron Works, Quincy, Ill.  
 BUFFALO water meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.  
 BUFFALO GRIP comealongs—Western Electric Co., 463 West, New York  
 BUFFALO-PITTS steam road rollers—Buffalo Steam Roller Co., 4th & Carolina, Buffalo, N. Y.  
 BUFFALO-PITTS straw burning traction engines—Buffalo Pitts Co., Buffalo, N. Y.  
 BUFFALO PRESTO pneumatic spray brushes—Lederer, F. J. Co., 66 Forest av., Buffalo, N. Y.  
 BUFFALO SANITARY FLUID disinfectants—National Aniline & Chemical Co., Schoellkopf Wks., Buffalo, N. Y.  
 BUFFINGTON folding seats—Fernald Mfg. Co., North East, Pa.  
 BUFFUM card printing presses—Buffum Tool Co., South Side, Louisiana, Mo.  
 BUFLOKAST gun iron castings, aniline apparatus, chemical plants & apparatus—organic nitrators, reducers, nitric & sulphuric recovery plants; phenol, beta naphthol, coal tar colors apparatus—Buffalo Foundry & Machine Co., 65 Winchester av., Buffalo, N. Y.  
 BUFLOVAK vacuum apparatus, vacuum dryers, drum, rotary, shelf, drying & impregnating apparatus & pumps, condensers, evaporators, horizontal tube, vertical tube, all cast iron, & crystallizing. Chemical castings, pre-heaters & salt filters—Buffalo Foundry & Machine Co., Winchester av., Buffalo, N. Y.  
 BUG BOOT jacks—Root-Heath Mfg. Co., Plymouth, O.  
 BUG-DEATH insecticides—Danforth Chemical Co., Leominster, Mass.  
 BUILDERS PULL countershafts—Builders Iron Fdry., 9 Coddington, Providence, R. I.  
 BUILDERS PULL countershafts—Diamond Machine Co., Providence, R. I.  
 BULKLEY barometric condensers, steam condensers—M. W. Kellogg Co., 90 West, New York.  
 BULKLEY feed water heaters—Imperial Iron Works, Duluth, Minn.  
 BULL tractors—Bull Tractor Co., 2628 University, S. E., Minneapolis, Minn.  
 BULLARD carpet stretchers—Bradley & Farnham, Middlefield, Conn.  
 BULL-DOG acid phosphate—New Orleans Acid & Fertilizer Co., New Orleans, La.  
 BULL DOG bale ties—Baling Tie Buckle Co., Waterloo rd., Cleveland, Ohio  
 BULL DOG battery connectors—American Ever Ready Works, 308 Hudson, New York  
 BULL DOG battery connectors—National Carbon Co., Cleveland, Ohio  
 BULL DOG bed & furniture casters—Faultless Caster Co., Evansville, Ind.  
 BULL DOG belt fasteners—Columbia Novelty Co., St. Louis, Mo.  
 BULL DOG belting, hose, packing, rubber heels, mats & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 BULL DOG boiler flue & tube cleaners—Elliott Co., Pittsburgh, Pa.  
 BULL DOG bootjacks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 BULL DOG can openers—Ira W. White & Son, Bloomfield, N. J.  
 BULL DOG clinch nails—G. C. Roberts Corp., Whitman, Mass.  
 BULL DOG closet seats—Grand Rapids Hand Screw Co., Grand Rapids, Mich.  
 BULL DOG coil chains & hammock chains—Cleveland Galvanizing Works Co., Cleveland, Ohio



- BULL DOG concrete mixers—Raber & Lang Mfg. Co., Kendallville, Ind.
- BULL DOG corn & cob mills—Letz Mfg. Co., Crown Point, Ind.
- BULL DOG cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.
- BULL DOG cutting & drilling compounds—Climax Refining Co., Wimsion bldg., Cleveland, Ohio
- BULL DOG drill steel—International High Speed Steel Co., 478 Pearl, New York
- BULL DOG drop forged wrenches—Whitman & Barnes Mfg. Co., Akron, Ohio
- BULL DOG friction clutches—Beloit Iron Works, Beloit, Wis.
- BULL DOG gas engines—Bates & Edmonds Motor Co., Lansing, Mich.
- BULL DOG gasoline blow torches—Turner Brass Works, Sycamore, Ill.
- BULL DOG gummed tapes & package sealing & labeling machines—James D. McLaurin Co., 260 West, New York
- BULL DOG guy clamps—Bronson-Walton Co., Cleveland, Ohio
- BULL DOG guy clamps & wire rope clamps—Lamson & Sessions Co., Cleveland, Ohio
- BULL DOG hookaroon picks—Warren Axe & Tool Co., Warren, Pa.
- BULL DOG hose clamps—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.
- BULLDOG knife switches & switchboards, oil break switches—Mutual Electric Machine Co., 232 Fort, W. Detroit, Mich.
- BULL DOG lamp guards—McGill Mfg. Co., Valparaiso, Ind.
- BULLDOG lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio
- BULL DOG logging tools—Warren Axe & Tool Co., Warren, Pa.
- BULL DOG lubricating oils & greases & linseed oil soap—Climax Western Oil Co., Minneapolis, Minn.
- BULL DOG mop wringers—Bushnell Novelty Co., Mansfield, Ohio
- BULL DOG nail pullers—L. F. Brammes & Sons, Allentown, Pa.
- BULL-DOG paper mill grinders—Noble & Wood Machine Co., Hoosick Falls, N. Y.
- BULL DOG sash cord & sash chain fasteners—Allen & Son Co., Hartford, Conn.
- BULL DOG shafting coupling & pulley bushings—Campbell Machinery Co., 35 W. 39th, New York
- BULLDOG steel—International High-Speed Steel Co., 478 Pearl, New York
- BULL DOG steel shipping barrels—Toledo Steel Barrel Co., Toledo, Ohio
- BULL DOG stock & dies—Oster Mfg. Co., Cleveland, Ohio
- BULL DOG tinnerns' snips—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- BULL DOG varnish—Longman & Martinez, 54 Maiden la, New York
- BULL DOG vises—Prentiss Vise Co., 103 Lafayette, New York
- BULL DOG wall paper size—Cott-a-Lap Co., Somerville, N. J.
- BULL DOG wall ties—American Rolling Mill Co., Middletown, Ohio
- BULL-DOG window casement adjusters—Casement Hardware Co., 9 S. Clinton, Chicago, Ill.
- BULL DOG wire stretchers—Mason Fence Co., Leesburg, Ohio
- BULL DOG GRIP spring clothes pins—U. S. Clothespin Co., Montpelier, Vt.
- BULLET gas automobile lamps—Gray & Davis, Amesbury, Mass.
- BULL FROG barrows, carts & Drag Road Scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
- BULL FROG shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
- BULL FROG shovels, spades and scoops—Ohio Shovel & Stamping Co., Canal Dover, Ohio
- BULL FROG RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
- BULL MOOSE pneumatic tools—Ingersoll-Rand Co., 11 Broadway, New York
- BULLOCK electric motors—Allis-Chalmers Co., Milwaukee, Wis.
- BULLOCK tackle blocks—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
- BULLOCK traps, wrenches—Bullock Mfg. Associates, Springfield, Mass.
- BULL RUN powdered talc—Federal Foundry Supply Co., 2633 E. 79th, Cleveland, Ohio
- BULL TONGUE guy anchors—I. A. Bennett Co., 567 W. Van Buren, Chicago, Ill.
- BULL'S EYE corn planters—Ohio Rake Co., Dayton, Ohio
- BULL'S EYE lanterns—Knapp Mfg. & Supply Co., 241 Water, New York
- BULL'S EYE lubricators—Nathan Mfg. Co., 416 E. 106th, New York
- BULLSEYE smokeless powder—Hercules Powder Co., Wilmington, Del.
- BULL'S HEAD belting—Chas. A. Schieren & Co., 30 Ferry, New York
- BULL'S HEAD carbonate of potash—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.
- BULL'S HEAD flint paper—Armour Sandpaper Works, 3130 Benson, Chicago, Ill.
- BULL'S HEAD hay revolving rakes—Ohio Rake Co., Dayton, Ohio
- BULL'S HIDE gray carpet linings & gray screening paper—Berlin Mills Co., Portland, Me.
- BULLY BOY saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
- BULLY SHINE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- BUMPA automatic dumps—Sanford-Day Iron Works, Knoxville, Tenn.
- BUMPER ore concentrators—Peter McFarlane & Sons Iron Works Co., Denver, Colo.
- BUNDY steam traps—Nashua Machine Co., Nashua, N. H.
- BUNDY steam & oil separators & steam traps—Griscom-Russell Co., 92 West, New York
- BUNDY time recorders—International Time Recording Co. of N. Y.—Endicott, N. Y.
- BUNGALOW steam & hot water heaters & instantaneous water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.
- BUNKER HILL mining screens—Hendrie & Bolthoff Mfg. & Supply Co., Denver, Colo.
- BUNKER HILL paint & varnish remover—Burbank & Ryder, Boston, Mass.
- BUOY submarine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- BURBYOTTE glue—Burnet Mfg. Co., 64 Gold, New York, N. Y.
- BURCH potato diggers & cast iron culverts—Burch Plow Works Co., Crestline, Ohio
- BURCHARTZ fire proof doors—Burchartz Fireproofing Co., 26 Cortland, New York
- BURD piston rings—Burd High-Compression Ring Co., Rockford, Ill.
- BURDICT bolt heading machines—Howard Iron Works, Buffalo, N. Y.
- BURGESS high speed steel—Cyclops Steel Corp., Titusville, Pa.
- BURGESS paper cop tubes—Chas. F. Taylor, 57 Weybosset, Providence, R. I.
- BURGESS tires—Burgess Patent Tire Mfg. Co., Brookfield, Mo.
- BURGESS warm air registers—Rock Island Register Co., Rock Island, Ill.
- BURGMAN'S JANOS plate asbestos sheet packing—Feodor Burgman, 26 Cortland, New York
- BURHORN water cooling towers—Edwin Burhorn Co., 71 Wall, New York
- BURKE electrical motors—Burke Electric Co., Erie, Pa.
- BURKE oil filters—Burke Furnace Co., 223 W. Austin av, Chicago, Ill.
- BURKHARD adding machines—Carl H. Reuter, Land Title bldg., Phila., Pa.
- BURLIGH horse blankets—Thos. Kelly & Co., 89 Chauncy, Boston, Mass.
- BURLEY steam & hot water heaters—Burley Heater Co., Tyrone, Pa.
- BURLINGTON rubber tire applying machinery—Pettigrew Foundry, Harvey, Ill.
- BURNER universal seed corn testers—Burgess-Norton Mfg. Co., Geneva, Ill.
- BURNHAM steam pumps—Union Steam Pump Co., Battle Creek, Mich.
- BURNHAM steam & hot water heaters—Lord & Burnham Co., 30 E. 42nd, New York
- BURNLEY dry batteries—Burnley Battery & Mfg. Co., North East, Pa.
- BUR-NOR latches, sash locks, ice picks, cupboard catches, screw drivers—Burgess-Norton Mfg. Co., Geneva, Ill.
- BURNS brackets, porcelain telephone mouthpieces & switchboards—American Electric Co., 6401 S. State, Chicago, Ill.
- BURNS crucibles—American Oil & Supply Co., 52 Lafayette, Newark, N. J.
- BURNS ECONOMIC foundry molding machines—Syracuse Malleable Iron Works, Syracuse, N. Y.
- BURNSHINE liquid polish—J. C. Paul & Co., 160 N. 5th av, Chicago, Ill.
- BURR belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
- BURRISS metallic shingles—Georgia Metal Roof Co., Atlanta, Ga.



BURRITTS roofing seamers—O. W. Burritt & Bro., Weedsport, N. Y.  
 BURRO hack saw machines & screw slotting cutters—Burroughs Tool Co., 81 Warren, New York  
 BURROWS chairs, screens & pool tables—E. T. Burrows Co., 70 Free, Portland, Me.  
 BURROWS ball bearing track jacks—Walter R. Burrows, 80 Maiden la, New York  
 BURROWS feed water regulators—Burrows Mfg. Co., York, Pa.  
 BURT cement—Burt Portland Cement Co., Bellevue, Mich.  
 BURT exhaust heads, oil filters & ventilators—Burt Mfg. Co., 40 Main, Akron, Ohio  
 BURT slime filters—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.  
 BURTON anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio  
 BUSHNELL lawn swings—Bushnell Tank Works, Bushnell, Ill.  
 BUSINESS clothes lines—Estes Mills, Fall River, Mass.  
 BUSTER BROWN riding listers—Fort Madison Plow Co., Fort Madison, Ia.  
 BUSY BEE cordage & twine—American Mills Co., Atlanta, Ga.  
 BUSY BEE riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio  
 BUSY BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa  
 BUTCHERS' BOSTON POLISH floor finish—Butcher Polish Co., 356 Atlantic av, Boston, Mass.  
 BUTLER auto truck trailers—Butler Co., Butler, Ind.  
 BUTLER boat cushions—Pneumatic Mfg. Co., 526 17th, Brooklyn, N. Y.  
 BUTLER hand carts—Lean, Roderick Mfg. Co., Mansfield, Ohio  
 BUTLER steel corn cribs—Butler Mfg. Co., Kansas City, Mo.  
 BUTLER'S cotton hooks—Thomas Watson, 553 W. 35th, New York  
 BUTMAN'S flue scrapers, rod cleaners—James McCrea & Co., 562 W. Washington, Chicago, Ill.  
 BUTTERFLY rock drills & plug drills—Ingersoll-Rand Co., 11 Broadway, New York  
 BUTTER-KIST pop corn machines—Holcomb & Hoke Mfg. Co., Indianapolis, Ind.  
 BUTTERNUT faucets—Chas. I. Allen, Pequabuck, Conn.  
 BUTTERS centrifugal pumps—Meese & Gottfried Co., 660 Mission, San Francisco, Cal.  
 BUTTON'S combination pliers—Irving Mfg. & Tool Co., 157 Chambers, New York  
 BUXTON garment hangers—L. A. W. Novelty Co., Springfield, Mass.  
 BUZZELL basin wrenches—Otto Bernz, 21 Ashland av, Newark, N. J.  
 BWAXO dust & floor brushes, dusters, dust cloths, cloth comb mops—Wax Brush Co., 56 Sanford, Boston, Mass.  
 BYERLYTE asphalt cements & waterproofing materials—Byerley & Sons, 2489 W. 4th, Cleveland, Ohio  
 BYER'S hoisting engines—Jno. F. Byers Machine Co., 242 S. Sycamore, Ravenna, O.  
 BYLLESBY wishbone cross arms—R. Thomas & Sons Co., East Liverpool, O.  
 BYRAM foundry plant equipments—Central Foundry Supply Co., Columbus, Ohio

C fire resisting cements—Howard Co., New Haven, Conn.  
 C nickel babbitt metal—A. Gilbert & Sons Brass Fdry. Co., 4019 Forest Park blk, St. Louis, Mo.  
 C sad irons—Colebrookdale Iron Co., Pottstown, Pa.  
 C. A. C. combination plates—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.  
 C-A-W wood preservatives—C-A-Wood Preserver Co., Wright bldg., St. Louis, Mo.  
 C. BACHE-WIIG barking drums—Geo. F. Shevlin Mfg. Co., Saratoga Springs, N. Y.  
 C. B. B. hame fasteners—Covert Saddlery Works, Interlaken, N. Y.  
 C. B. Co. compression couplings—Chain Belt Co., Milwaukee, Wis.  
 C. B. S. gaskets—Peerless Rubber Mfg. Co., 31 Warren, New York  
 C. B. S. packing—Western Rubber Co., Goshen, Ind.  
 C. B. S. packing—Whitehead Bros. Rubber Co., Trenton, N. J.  
 C. C. chain—Columbus Chain Co., Columbus, O.  
 C. C. crane & dredge chains—Columbus Chain Co., Columbus, Ohio  
 C. C. disinfectants—H. C. Dusenberry (Inc), 95 Gold, New York  
 C. C. packing—Crane Co., Est. 1855, 836 S. Michigan av, Chicago, Ill.

C-C springs—Cleveland-Canton Spring Co., Canton, Ohio  
 C. C. BROOKS hooks, knives & scythes—North Wayne Tool Co., Hallowell, Me.  
 C. C. PARSONS aqua & anhydrous ammonia—Columbia Chemical Works, 43 Sedgwick, Brooklyn, N. Y.  
 C. C. WAIS punching & shearing machinery—Covington Machine Co., Covington, Va.  
 C. C. C. anti-freezing compounds—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.  
 C. C. C. belt cements, belt dressing, compounds, metal polish—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.  
 C. C. C. boiler compounds—Continental Chemical Co., 119 S. 4th, Philadelphia, Pa.  
 C. E. J. & CO'S saws, knives, nail sets, screw drivers, levels—C. E. Jennings & Co., 71 Murray, New York.  
 C. F. C. & CO. manganese steel track work—Cleveland Frog & Crossing Co., Cleveland, Ohio  
 C. F. M. core compounds—Smith Facing & Supply Co., Columbia bldg, Cleveland, Ohio  
 C. G. cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.  
 C-H switches, speed regulators, machine tool controllers, rheostats—Cutler Hammer Mfg. Co., Milwaukee, Wis.  
 C. H. WHEELER-THYSSEN pumps—C. H. Wheeler Mfg. Co., Lehigh av & N. 18th, Phila., Pa.  
 C. H. & E. hoists, pumps, saw rigs—C. H. & E. Mfg. Co., Milwaukee, Wis.  
 C-I gaskets—Peerless Rubber Mfg. Co., 31 Warren, New York.  
 C. I. rubber packing—Whitehead Bros. Rubber Co., Trenton, N. J.  
 C. L. tanners' oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.  
 C. L. E. hose nozzles—John Simmons Co., 110 Centre, New York.  
 C. M. shipping pails—Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.  
 C M wire & cables—National India Rubber Co., Bristol, R. I.  
 C. M. B. adjustable wrenches—C. M. H. Wrench Co., Garwood, N. J.  
 C. M. DAY mining picks—Salem Tool Co., Salem, Ohio  
 C. N. W. register splicers—Chas. N. Wood Co., Boston, Mass.  
 C-O type oil—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.  
 C. O. S. packing—Western Rubber Co., Goshen, Ind.  
 C. O. T. carriage top dressing—Chas. O. Tingley & Co., Rahway, N. J.  
 C. P. aqua & anhydrous ammonia—Baker & Adamson Chemical Co., Easton, Pa.  
 C. P. churns—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.  
 C. P. 90 per cent & straw colored benzol refiners—National Aniline & Chemical Co., 100 William, New York.  
 C. P. special industrial starch—Corn Products Refining Co., 17 Battery pl, New York  
 C. P. P. paint—Carbon Preservative Paint Co., Salt Lake City, Utah  
 C. R. G. carbureters—C. R. G. Mfg. Co., Saugus Center, Mass.  
 C. S. C. dustless mops—Cedar-Sweep Co., Los Angeles, Cal.  
 C. S. G. deadening felts—C. S. Garrett & Son Co., 21 Decatur, Phila., Pa.  
 C. & C. dynamos & motors—C. & C. Electric & Mfg. Co., Garwood, N. J.  
 C. & C. edgers—Chicago Laundry Machinery Co., 119 N. Canal, Chicago, Ill.  
 C. & C. ironers—Atlas Laundry Machinery Co., 6th & Baymiller, Cincinnati, Ohio  
 C. & C. lawn trimmers—Chadborn & Coldwell Mfg. Co., Newburgh, N. Y.  
 C. & C. starchers—Geo. H. Bishop, 550 W. Washington, Chicago, Ill.  
 C. & D. closet seats & tanks—Coyne Delany Co., 832 Kent av, Brooklyn, N. Y.  
 C. & F. knitting machinery—Ainslie Knitting Machine Co., 281 Ainslie, Brooklyn, N. Y.  
 C. & F. screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 C. & G. warp stop motions—Coldwell Gilard Co., 95 Milk, Boston, Mass.  
 C. & H. Babbitt Metal—Lake Superior Brass Foundry Co., Laurium, Mich.  
 C. & H. milk cooler—Cordley & Hayes, 7 Leonard, New York  
 C. & S. tire air pumps—Codman & Shurtleff, 120 Boylston, Boston, Mass.



- C. & W. telegraph & wireless telegraph instruments—Cutting & Washington, Inc., 26 Portland, Cambridge, Mass.
- CABLE hot air furnaces—E. B. Colby & Co., Hoboken av, Jersey City, N. J.
- CABLE jack-straps—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
- CABLELINE wire rope coating—Strong Machinery & Supply Co., 21 Walker, New York
- CABOT'S sunble stains, paper & quilt—Samuel Cabot (Inc.), 141 Milk, Boston, Mass.
- CACKEY pneumatic riveters—F. F. Slocumb & Co., 14th & Poplar, Wilmington, Del.
- CACTUS lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
- CADETS oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
- CADILLAC hand vacuum cleaners & carpet sweepers—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
- CADO ink brush erasers—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
- CADY carpet beaters & tack claws & pullers—Cady Mfg. Co., Auburn, N. Y.
- CAEN STONE imitation wall finish—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
- CAFFREY whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- CAFREY-HUNTINGTON track engines—Buda Co., Railway Exchange bldg., Chicago, Ill.
- CAHILL ferrules—M. F. Cabill, 710 E. 2d, Boston, Mass.
- CAHILL fire-place furnishings—Chattanooga Roofing & Mfg. Co., Chattanooga, Tenn.
- CAHOON hand seed sowers—Goodell Co., Antrim, N. H.
- CAHOON hand seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
- CALARIA stearine pitch—Moore & Munger, 29 Broadway, New York
- CALCINO wall finish—Muralo Company, Richmond Terrace, New Brighton, Boro. of Richmond, N. Y.
- CALCITINE wall finish—M. Ewing Fox Co., 241 E. 136th, New York
- CALCUTTS automobile belts—Gardner Wire Co., 5646 Race av, Chicago, Ill.
- CALDWELL elevating, conveying & power transmitting machinery—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
- CALDWELL hose clamps—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.
- CALDWELL tank alarms & tank lugs—W. E. Caldwell Co., Louisville, Ky.
- CALDWELL-WALKER gears—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.
- CALEDONIAN front brick—Fiske & Co., 25 Arch, Boston, Mass.
- CALF cattle dehorners—L. A. Sayre & Son, 332 Mulberry, Newark, N. J.
- CALHOUN cotton rope—Anniston Cordage Co., Anniston, Ala.
- CALIDO nickel-chromium wire—Electrical Alloy Co., Morristown, N. J.
- CALIFORNIA hay forks—F. E. Myers & Bro., Ashland, Ohio
- CALIFORNIA knives & spoons—Ontario Knife Co., Franklinville, N. Y.
- CALIFORNIA pruning shears—Smith, Seymour & Son, Oakville, Conn.
- CALIFORNIA Solar bath heaters—Solar Heater Co., Los Angeles, Cal.
- CALIFORNIA trace carriers—North & Judd Mfg. Co., New Britain, Conn.
- CALIFORNIA vegetable parers—Ira F. White & Son Co., Bloomfield, N. J.
- CALISNESTOS gaskets & packing—General Asbestos Rubber Co., Charleston, S. C.
- CALK horse shoe pads—Revere Rubber Co., 60 High, Boston, Mass.
- CALLAHAN hose nozzles—Cornelius Callahan Co., 127 Purchase, Boston, Mass.
- CALLANS glue—Wood & Hare, 66 Leonard, New York
- CALLAN foundry cupolas—Central Foundry Supply Co., P. O. Box 945, Columbus, Ohio
- CALLOW belt screens & settling tanks—Gallagher Machinery Co., Salt Lake City, Utah
- CALMAN'S wood fillers—Emil Calman & Co., 100 William, New York
- CALORIC fireless cookers—Caloric Co., Janesville, Wis.
- CALUMET cattle guards—Calumet Supply Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.
- CALUMET cotton hose—Mechanical Rubber Co., 73 Reade, New York
- CALUMET oil pump lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
- CALUMET traveling cranes—Calumet Foundry Equipment Co., Harvey, Ill.
- CALVET desk telephone brackets—Lee Electric Co., 219 N. Calvert, Baltimore, Md.
- CALYX core drills—Ingersoll-Rand Co., 11 Broadway, New York
- CAMARET roofing tin—Merchant & Evans Co., 2035 Washington av, Phila., Pa.
- CAMARGO shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
- CAMBRIDGE metal lath—American Sheet & Tin Plate Co., Pittsburgh, Pa.
- CAMBRIDGE waste traps—Joseph H. Young Co., 82 High, Boston, Mass.
- CAMBRO shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.
- CAMDEN grease cups—Lindholm Metal Stamping Co., Camden, N. J.
- CAMEL belting & belt dressing—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
- CAMEL journal bearings—Climax Bearing Co., Majestic bldg., Detroit, Mich.
- CAMEL HAIR belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
- CAMEO typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
- CAMERAGRAPH copying machines—Cameragraph Co., Kansas City, Mo.
- CAMERON can makers' machinery—Wold, Torris & Co., 240 N. Ashland av, Chicago, Ill.
- CAMERON commutators—Cameron Electric Mfg. Co., Ansonia, Conn.
- CAMERON pumps—Ingersoll-Rand Co., 11 Broadway, New York.
- CAMERON steam pumps—A. S. Cameron Steam Pump Works, 11 Broadway, New York
- CAMILLUS cutlery—A. Kastor & Bros., 109 Duane, New York
- CAMLOX lanterns—Embury Mfg. Co., Warsaw, N. Y.
- CAMP portable grain elevators—Camp Bros. & Co., Washington, Ill.
- CAMPBELL crank handles—Perkins-Campbell Co., 622 Broadway, Cincinnati, Ohio
- CAMPBELL feed water purifiers—Ross Valve Co., Troy, N. Y.
- CAMPBELL fertilizer dryers—Cambridge Iron Works, Cambridge, Mass.
- CAMPBELL floor finish—Carpenter-Morton Co., 77 Sudbury, Boston, Mass.
- CAMPBELL graphite lubricants—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
- CAMPBELL hammer lock cotters—American Chain Co., Bridgeport, Conn.
- CAMPBELL junction boxes & receptacle plugs—Steel City Electric Co., 1207 Washington av, Pittsburgh, Pa.
- CAMPBELL linseed oil & cake—American Linseed Co., 100 William, New York
- CAMPBELL street railway sweeping machines—Consolidated Car Fender Co., Vale, Providence, R. I.
- CAMPBELL switches, bell ringing transformers—Campbell Electric Co., 17 Stewart, Lynn, Mass.
- CAMPBELL wood stains & varnishes—Carpenters-Morton Co., 77 Sudbury, Boston, Mass.
- CAMP-DUCT clay conduits—H. B. Camp Co., Fulton bldg., Pittsburgh, Pa.
- CAMPHENE sweeping compounds—West Disinfecting Co., 12 E. 42nd, New York
- CANADY fuel economizers—Blaisdell-Canady Co., 90 West, New York
- CANAL wooden barrows—Frank R. Prescott, Meredith, N. H.
- CANAN caboose stoves—Green's Car Wheel Mfg. Co., 3018 N. Broadway, St. Louis, Mo.
- CANCO ash & garbage cans & fly traps—American Can Co., 120 Broadway, New York
- CANCO lamp guards—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
- CANDEE aerial wire, potheads & sleeves—Okonite Co., 501 5th av, New York
- CANDELABRA lamp adapters—Frank W. Morse, 293 Congress, Boston, Mass.
- CANFIELD screw wrenches—Lamson & Sessions Co., Cleveland, Ohio
- CANFIELD wrenches—Lamson & Sessions Co., Cleveland, Ohio
- CANIA cams—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
- CANIFF grout mixers—Ransome Concrete Machinery Co., Dunellen, N. J.
- CANNON cast iron heating stoves—Green's Car Wheel Mfg. Co., 3018 N. Broadway, St. Louis, Mo.
- CANNON corn shellers—Ellis Keystone Agricultural Works, Pottstown, Pa.
- CANNON oilers—R. E. Bloomer, Keithsburg, Ill.
- CANNON BALL door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.



CANNON CRACKER dry batteries—North Electric Co., American Trust bldg., Cleveland, Ohio  
 CANOPY stoves—Buckwalter Stove Co., Royersford, Pa.  
 CANTGETOFF barn door hangers—J. E. Porter Co., Ottawa, Ill.  
 CANT-ROLL plumb bobs—Dikemati Mfg. Co., Norwalk, Conn.  
 CANT SAG farm gates—Rowe Mfg. Co., Galesburg, Ill.  
 CANTSLIP rubber mats—Cantslip Manufacturing Co., 16 Cedar, New York.  
 CANT SLIP spindles—I. A. Hall & Co., Paterson, N. J.  
 CANT SLIP stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.  
 CANTON coal chutes, mixing machinery & shears—Canton Foundry & Machine Co., Canton, Ohio  
 CANTON fanning mills—Johnson & Field Mfg. Co., Racine, Wis.  
 CANTON gasoline lamps—Canton Incandescent Light Co., Canton, Ohio  
 CANTON hay knives—G. A. Swineford Co., Canton, Ohio  
 CANTON hay loaders—Ohio Rake Co., Dayton, Ohio  
 CANTON mine doors—American Mine Door Co., Canton, Ohio  
 CANTON plows & disc harrows—Parlin & Orendorff Co., Canton, Ill.  
 CANTON shaking grates & oil filters—Canton Grate Co., Canton, Ohio  
 CANTON stop & waste cocks—D. C. Mfg. Co., Canton, Ohio  
 CANTON EAGLE hot air furnaces—Yost Furnace Co., Canton, Ohio  
 CANTON MENTOR hot air furnaces—Yost Furnace Co., Canton, Ohio  
 CANWOOD canisters—Canister Co., Phillipsburg, N. J.  
 CAPE ANN isinglass—American Glue Co., 121 Beverly, Boston, Mass.  
 CAPE COD folding boat anchors—Wilcox, Crittenden & Co., Middletown, Conn.  
 CAPE MAY hair pinching irons—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 CAPITAL bamboo brooms—Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.  
 CAPITAL gasoline engines—Capital Gas Engine Co., Indianapolis, Ind.  
 CAPITAL internal grinders—Lansing Stamping & Tool Co., Lansing, Mich.  
 CAPITAL self-hardening & high speed steel—Geo. Nash Co., 304 Hudson, New York  
 CAPITAL settees—Kramer Brothers Foundry Co., Dayton, Ohio  
 CAPITAL shears—D. J. Whelan (Est. of), Troy, N. Y.  
 CAPITAL CITY paint & wood fillers—Indianapolis Paint & Color Co., Indianapolis, Ind.  
 CAPITOL automobile engines—Aurora Automatic Machine Co., Aurora, Ill.  
 CAPITOL blotting paper—Jos. Parker & Son Co., New Haven, Conn.  
 CAPITOL brushes & brooms—Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.  
 CAPITOL fountain pens—Alkin-Lambert Co., 19 Maiden la, New York  
 CAPITOL ink stands—Cushman & Denison Mfg. Co., 240 W. 23rd, New York  
 CAPITOL lawn trimmers—Granite State Mowing Machine Co., Hinsdale, N. H.  
 CAPITOL lubricating oils—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 CAPITOL marine engines—Fifield Bros. & Co., Augusta, Me.  
 CAPITOL packing—Acme Rubber Mfg. Co., Trenton, N. J.  
 CAPITOL shears—D. J. Whelan (Est. of), Troy, N. Y.  
 CAPITOL spark coils—National Coil Co., Lansing, Mich.  
 CAPITOL steam & hot water heaters, radiator trucks—U. S. Radiator Corp., Detroit, Mich.  
 CAPITOL vacuum cleaners—United Vacuum Appliance Co., Connersville, Ind.  
 CAPITOL-WINCHESTER steam & hot water heaters—U. S. Radiator Corp., Detroit, Mich.  
 CAPNAL car lining & weather proofing nails—Weatherproofing Nail Co., Calvert bldg, Baltimore, Md.  
 CAPSTAN packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.  
 CAPTAIN bill plows—Kingman Plow Co., Peoria, Ill.  
 CAPTAIN brass pins—National Pin Co., Derby, Conn.  
 CAPTAIN spray pumps—Deming Co., Salem, Ohio  
 CAPTAIN LAFITTE stubble diggers—Moline Plow Co., Moline, Ill.  
 CAPTOR plows—South Bend Chilled Plow Co., South Bend, Ind.

CAPUT padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 CAR inspection car jacks—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.  
 CARARA cement & wood fibre plaster—Southern Gypsum Co., North Holston, Va.  
 CAR-BEST-US car roofing—H. W. Johns-Manville Co., Madison av & 41st, New York  
 CARBIC calcium carbide briquettes—Carbic Corporation, Duluth, Minn.  
 CAR BRITE metal polish—F. T. Lord Polish Co., Cambridge, Mass.  
 CARBO paints & waterproofing materials—Chatfield Mfg. Co., 74 Lebanon, Carthage, Ohio  
 CARBO razors—A. L. Silberstein, 74 5th av, New York  
 CARBO steel posts, poles & post hole augers—Carbo Steel Post Co., Rand McNally bldg., Chicago, Ill.  
 CARBOLA cold water paints—Imco Mfg. Co., 7 E. 42nd, New York  
 CARBOLITE calcium carbide—American Carbolite Co., Duluth, Minn.  
 CARBON packing & rubber hose—New York Belting & Packing Co., 91 Chambers, New York  
 CARBONALL composition blackboards & rust proof paints—Good Products Co., 1856 Leclair av, Chicago, Ill.  
 CARBONE flaming arc lamps—Felix Hamburger, 215 4th av, New York  
 CARBONELASTIC coating paints—Arlington Mfg. Co., Canton, Ohio  
 CAR-BON-GO carbon removers—Van Tilburg Oil Co., Minneapolis, Minn.  
 CARBONITE case hardening compounds—Springfield Facing Co., Springfield, Mass.  
 CARBONITE explosives—du Pont E. I. de Nemours & Co., Wilmington, Del.  
 CARBONKOTE paints—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.  
 CARBONOX carbon removers—Northwestern Chemical Co., Marietta, Ohio  
 CARBORUNDUM knife sharpeners—Carborundum Co., Niagara Falls, N. Y.  
 CARBOSOLVENT carbon removers—Beckley-Rawlston Co., 1801 S. Michigan av, Chicago, Ill.  
 CARBOXIDE metal paints—Blocki-Brennan Refining Co., 11 N. La Salle, Chicago, Ill.  
 CARBULINE asbestos packing—United States Asbestos Co., Manheim, Pa.  
 CARBURETERS Shakespeare—Shakespeare Co., Kalamazoo, Mich.  
 CARDINAL lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.  
 CARDINAL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 CARDINAL springs—Barber Mfg. Co., Anderson, Ind.  
 CARDINGTON garden hose reels—Cardington Cabinet Co., Cardington, Ohio  
 CARDWELL corn planters—Cardwell Machine Co., Richmond, Va.  
 CARDWELL draft gear—Cardwell Mfg. Co., McCormick bldg., Chicago, Ill.  
 CARDWELL draft gear—Union Draft Gear Co., McCormick bldg., Chicago, Ill.  
 CAREW'S nippers—M. W. Robinson Co., 88 White, New York  
 CAREY roofing, cements, roofing caps, carpet linings—Philip Carey Mfg. Co., Rockland, Ohio  
 CAREY-FOSTER bridges—Leeds & Northrup Co., Stanton av, Gtn., Phila., Pa.  
 CAREY PERFECT corn huskers—Sproul Matt Co., Sparta, Ill.  
 CARLETON maple sugar molds—G. H. Grimm, Rutland, Vt.  
 CARLEY'S feed grinding mills—Carley Bros., Colfax, Wash.  
 CARLISSI rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 CARLL drop forged wrenches—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.  
 CARLON wall plugs—Carlton Sales Co., Oskaloosa, Ia.  
 CARLSON chemical evaporators—International Process Co., 5 Beekman, New York  
 CARLSRUHE metal cleaners—James H. Rhodes & Co., 162 William, New York  
 CARLTON toasters—Carlton Mfg. Co., Catawissa, Ia.  
 CARNATION carbon paper & typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.  
 CARNATION rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 CARNATION-CREAM metal polish—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.  
 CAROLINA cotton plows, cultivators—S. R. White's Sons, Norfolk, Va.  
 CAROLINA laundry stoves—Glascock Stove & Mfg. Co., Greensboro, N. C.



- CAROLINA packing—General Asbestos Rubber Co., Charleston, S. C.
- CAROLINA steel ranges—Glascock Stove & Mfg. Co., Greensboro, N. C.
- CAROLUS bolt clippers, nut splitters & iron bar cutters, Twin City Specialty Co., Sterling, Ill.
- CARPENTER calorimeters—Schaeffer & Rudenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
- CARPENTER self-feeder carriers—Carpenter Wing Carrier Mfg. Co., St. Paul, Minn.
- CARPENTER'S fuel gas burners—Precision Instrument Co., 102 Randolph, Detroit, Mich.
- CARPENTER'S screw plates—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.
- CARPENTERS' bit braces—Stanley Rule & Level Co., New Britain, Conn.
- CARPHONES automobile telephones—American Electric Co., 641 S. State, Chicago, Ill.
- CARPO Pigamoid aluminum, gold & tar paint—du Pont Chemical Works, 120 Broadway, New York
- CARPOLENE wood & metal preservative stain—Du Pont Chemical Wks., 120 Broadway, New York
- CARR tool holders—H. G. Thompson & Son Co., New Haven, Conn.
- CARRIERS' FRIEND mail boxes—Northwestern Mail Box Co., 5029 McKissock, St. Louis, Mo.
- CARRY ALL hand carts—M. H. Daley, Charles City, Ia.
- CARRY-US-ALL riding galleries—C. W. Parker, Leavenworth, Kans.
- CARSON flushing valves—Dececo Co., 157 High, Boston, Mass.
- CARSON packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- CARTARET cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
- CARTER cable chains—Monongahela Iron & Steel Co., Farmers' Bank bldg., Pittsburgh, Pa.
- CARTER gasoline strainers—Carter Carbureter Co., 2840 N. Spring, St. Louis, Mo.
- CARTER post hole diggers—National Mfg. & Steel Supply Co., 15 River, Newark, N. J.
- CARTER staybolt iron—Carter Iron Co., Pittsburgh, Pa.
- CARTER-CRUME autographic registers—American Sales Book Co., Ltd., Elmira, N. Y.
- CARTER'S gravity filters—Field Force Pump Co., Elmira, N. Y.
- CARTER'S hot air furnaces—Waterloo Register Co., Waterloo, Ia.
- CARTON canvas stitching belting & belt dressing—Carton Belting Co., 52 Everett, Allston, Mass.
- CARVER electric drills, reamers & grinders—American Electric Tool Co., West Newton, Mass.
- CARVER tire air pumps—Osborne & Stephenson Mfg. Co., Plainville, Conn.
- CARVER'S corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
- CARVER'S pruning shears—Carver Tool Works, Spring Valley, N. Y.
- CARY hydro-carbon burners—Braun-Knecht-Helmann Co., 576 Mission, San Francisco, Cal.
- CARY'S box straps, box fasteners, metal joint fasteners, soft annealed bands & flexible steel mats—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.
- CARZACK canvas stitching belting—Carton Belting Co., 52 Everett, Allston, Mass.
- CASADAY plows—South Bend Chilled Plow Co., South Bend, Ind.
- CASCADE automobile oil soap—Cataract Refining & Mfg. Co., Buffalo, N. Y.
- CASCADE bidets—J. L. Mott, iron works, 118 5th av, New York
- CASCADE boiler circulators—McNab Co., Bridgeport, Conn.
- CASCADE clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.
- CASCADE waterproof belting—Laurence Belting Co., 111 Chambers, New York
- CASCADE STICK belt dressing—Cataract Refining & Mfg. Co., Buffalo, N. Y.
- CASCO cotton hose—Bowers Rubber Works, San Francisco, Cal.
- CASCO packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
- CASE boiler compounds—Globe Boiler Compounds Co., Binghamton, N. Y.
- CASE furnaces & portable oil forges—Denver Fire Clay Co., Denver, Colo.
- CASE plows, harrows, cultivators, planters, listers, etc.—J. I. Case Plow Works, Racine Wis.
- CASE steam engines—New Britain Machine Co., New Britain, Conn.
- CASE threshers, cultivators, graders, traction engines—J. I. Case Threshing Machine Co., Racine, Wis.
- CASE-HARDO compounds—Bell & Gossett, Archer av & Mary, Chicago, Ill.
- CASE-HARDO compounds—C. G. Buchanan Chemical Co., 29 W. 3rd, Cincinnati, Ohio
- CASEY railway & tubular lanterns—Keystone Lantern Co., Tacony & Cottman, Philadelphia, Pa.
- CASGRAIN pile caps—Vulcan Iron Works, 327 No. Irving av, Chicago, Ill.
- CASITE cupels—Denver Fire Clay Co., Denver, Colo.
- CASKEY pneumatic riveters, presses, punches—F. F. Slocumb & Co., 14th & Poplar, Wilmington, Del.
- CASLER boring heads—Marvin & Casler Co., Canastota, N. Y.
- CASSADAY screw drivers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- CASSAPOLIS grain drills—Dowagiac Drill Co., Dowagiac, Mich.
- CASSEUS IDEAL eave troughs—Casseus Mfg. Co., Edwardsville, Ill.
- CASTELL lead pencils—A. W. Faber, 41 Dickerson, Newark, N. J.
- CASTLE post caps & bases—A. M. Castle & Co., 1300 N. Branch, Chicago, Ill.
- CASTLE water sterilizers—Wilmot Castle Co., Rochester, N. Y.
- CASTORINE axle oil—Baum's Castorine Co., Rome, N. Y.
- CASTOROL belt dressing—A. W. Chesterton Co., 64 India, Boston, Mass.
- CASTOR-POLLUP steam traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio
- CATCHPOLE heaters—Catchpole Boiler, Foundry & Machine Co., Geneva, N. Y.
- CATLIN key-seating machines—Wheland Co., Chattanooga, Tenn.
- CAT'S PAW rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
- CATTARAUGUS creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
- CATTARAUGUS knives, shears & scissors, razor strops & painters' scrapers—Cattaraugus Cutlery Co., Little Valley, N. Y.
- CAYAUGA cement—Cayuga Cement Corp., Ithaca, N. Y.
- CAYUGA mica plugs—Auburn Ignition Mfg. Co., Auburn, N. Y.
- CEAG electric miners' lamps—Mannesmann Light Co., 331 4th av, New York
- CEDAR hollow lime—Chas. Warner Co., Wilmington, Del.
- CEDAR-FLUFF sweeping compounds—Standard Chemical Co., Houston, Tex.
- CEDARINE furniture polish—Channell Chemical Co., 1419 Carroll av, Chicago, Ill.
- CEDAR-SWEEP compounds—Cedar-Sweep Co., Los Angeles, Cal.
- CEDAR-WAXINE sweeping compounds—Standard Chemical Co., Houston, Tex.
- CEDO-CIDE insecticides—Standard Chemical Co., Houston, Texas.
- CEDRO oil furniture polish—Standard Chemical Co., Houston, Tex.
- CEIL board—Philip Carey Mfg. Co., Lockland, Ohio
- CELERITAS filter paper—A. Daigger & Co., 54 W. Kinzie, Chicago, Ill.
- CELFOR drills, drill chucks, drill sockets & countersinks—Celfor Tool Co., Buchanan, Mich.
- CELLO marine hardware, army canteens, hot water bottles—A. S. Campbell Co., 284 Commercial, Boston, Mass.
- CELLO vanadium steel—McInnes Steel Co. (Ltd.), Corry, Pa.
- CELLO white closet seats—Findelsen & Kropf Mfg. Co., 2100 S. Rockwell, Chicago, Ill.
- CELLUVARNO bath room fixtures & furnishings—Sillocks-Miller Co., South Orange, N. J.
- CELOX wood & metal primers—Valentine & Co., 456 4th av, New York
- CELTIC rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- CEMCO water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
- CEMCOAT waterproofing materials—L. Sonneborn Sons, 262 Pearl, New York
- CEMELINE waterproofing materials—Richmond Bros., 117 E. 6th, Cincinnati, Ohio
- CEMENTCO brick paints—Wm Waterall & Co., Camden, N. J.
- CEMENTHIDE waterproofing materials—Patton Paint Co., Milwaukee, Wis.
- CEMENTKOTE brick paints—Tropical Oil Co., Cleveland, Ohio
- CENCO beam clamps, pipe clamps & pipe hangers—C. Erwin Norman & Co., 18 W. Kinzie, Chicago, Ill.
- CENTAUR cutlery, razors, shears & scissors & can openers—Sperry & Alexander Co., 79 Chambers, New York



CENTENNIAL bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.  
 CENTENNIAL corn planters—S. R. White's Sons, Norfolk, Va.  
 CENTENNIAL fanning mills—S. Freeman & Sons Mfg. Co., Dept. O, Racine, Wis.  
 CENTENNIAL laundry stoves—D. R. Sperry & Co., Batavia, Ill.  
 CENTENNIAL rain water cut-offs—Sullivan-Gelger Co., Indianapolis, Ind.  
 CENTERFIRE spark plugs—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 CENTEX lenses—Bausch & Lomb Optical Co., Rochester, N. Y.  
 CENTRAL ash & garbage cans, ash sieves, coal hods, watering pots—Central Stamping Co., 172 Fulton, New York  
 CENTRAL bath fittings—Central Brass Mfg. Co., Cleveland, Ohio  
 CENTRAL hose nozzles—Central Brass & Stamping Co., Peoria, Ill.  
 CENTRAL interior conduits—Central Tube Co., Pittsburgh, Pa.  
 CENTRAL oil stoves & heaters—Central Oil & Gas Stove Co., Gardner, Mass.  
 CENTURY asbestos lumber smoke jacks—Asbestos, Shingle, Slate & Sheathing Co., Ambler, Pa.  
 CENTURY barn door hangers—Lawrence Bros., Sterling, Ill.  
 CENTURY bean snippers—Gowanda Agricultural Works, Gowanda, N. Y.  
 CENTURY bit brace drilling machines & washer cutters—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.  
 CENTURY bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.  
 CENTURY carriage top dressing—Eugene Arnstein, 45 W. 26th, Chicago, Ill.  
 CENTURY cattle guards—Century Materials Co., Monadnock blk, Chicago, Ill.  
 CENTURY cushion springs—D'Arcy Spring Co., Kalamazoo, Mich.  
 CENTURY deadening felts—United Roofing & Mfg. Co., Morris bldg., Phila., Pa.  
 CENTURY fans & motors—Century Electric Co., 19th & Pine, St. Louis, Mo.  
 CENTURY field tester instruments—Century Electrical Co., Syracuse, N. Y.  
 CENTURY gas stoves, hot air furnaces & water heaters—Century Stove & Mfg. Co., Johnstown, Pa.  
 CENTURY insulating tape—American Electrical Works, Philipsdale, R. I.  
 CENTURY oak flooring—M. B. Farrin Lumber Co., Station av, Cincinnati, Ohio  
 CENTURY packing & gaskets—Pennsylvania Rubber Co., Jeannette, Pa.  
 CENTURY rubber belting & rubber belt conveyors—Jeffrey Mfg. Co., Columbus, Ohio  
 CENTURY side mills—Wrightsville Hardware Co., Wrightsville, Pa.  
 CENTURY sink strainers—Roseland Can & Specialty Co., Rockford, Ill.  
 CENTURY spray pumps—Deming Co., Salem, O.  
 CENTURY spray pumps & paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio  
 CENTURY steam & hot water heaters—Kewanee Boiler Co., Kewanee, Ill.  
 CENTURY tires—Century Rubber Co., North av, Plainfield, N. J.  
 CENTURY waterproofing materials—Century Mfg. Co., 272 W. Genesee, Buffalo, N. Y.  
 CENTURY wood paving blocks—Pittsburgh Wood Preserving Co., Commonwealth bl, Pittsburgh, Pa.  
 CEO sheet packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.  
 CERESIT waterproofing materials—Ceresit Waterproofing Co., 110 S. Dearborn, Chicago, Ill.  
 CERTAIN-TEED rubber shingles—General Roofing Mfg. Co., Boatman's Bank bldg., E. St. Louis, Mo.  
 CESTA kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 CE-VE railway varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
 CEYLON foundry facings, plumbago—T. P. Kelly & Co., 355 W. 26th, New York  
 CHACE oilers—Hero Mfg. Co., Gaul & Adams, Phila., Pa.  
 CHACE oilers, oiling sets & can screws—Consolidated Fruit Jar Co., New Brunswick, N. J.  
 CHADBOURNE valve & service boxes—Builders Iron Foundry, 9 Coddington, Providence, R. I.  
 CHADBURNS ship telegraph apparatus—McNab Co., Bridgeport, Conn.  
 CHADWICK engines—Chadwick Engineering Works, Pottstown, Pa.

CHAFFEE fish lines—Chaffee Mfg. Co., Willimantic, Conn.  
 CHAIN BELT concrete mixers—Chain Belt Co., Milwaukee, Wis.  
 CHALLENGE boiler compounds—A. W. Chesterton Co., 64 India, Boston, Mass.  
 CHALLENGE canvas wheels—Foot Mfg. Co., 36 Germania av, Jersey City, N. J.  
 CHALLENGE carving lathes—Valley City Machine Works, Grand Rapids, Mich.  
 CHALLENGE churns—Mason Mfg. Co., Canton, Ohio  
 CHALLENGE clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 CHALLENGE collars & cuffs—The Arlington Co., 725-727 Broadway, New York  
 CHALLENGE cultivators—Ohio Cultivator Co., Bellevue, Ohio  
 CHALLENGE emery wheel dressers—Builders' Iron Foundry, 9 Coddington, Providence, R. I.  
 CHALLENGE gas engines, grinding mills, pumping jacks—Challenge Co., Batavia, Ill.  
 CHALLENGE grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 CHALLENGE hack saw machines—Patterson Tool & Supply Co., Dayton, Ohio  
 CHALLENGE hot air furnaces—Barber Mfg. Co., Ash-tabula, Ohio  
 CHALLENGE hydro-carbon burners—Calkins Co., Los Angeles, Cal.  
 CHALLENGE iceberg refrigerators—Challenge Refrigerator Co., Grand Haven, Mich.  
 CHALLENGE lubricators—American Lubricator Co., Detroit, Mich.  
 CHALLENGE ore feeders—Kennery Van Saun Mfg. & Eng. Corp., 120 B'way, New York  
 CHALLENGE ore feeders—Worthington Pump & Machy. Corp., 115 Broadway, New York  
 CHALLENGE screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 CHALLENGE shoe blacking & polishes—Jas. S. Mason Co., 136 N. Front, Phila., Pa.  
 CHALLENGE steel tape—Lufkin Rule Co., Saginaw, Mich.  
 CHALLENGE sweep horse powers—Challenge Co., Batavia, Ill.  
 CHALLENGE tank heaters & windmills—Challenge Co., Batavia, Ill.  
 CHALLENGE window screens—Union Screen Co., 306 Carpenter, Providence, R. I.  
 CHALLENGE-GORDON printing presses—Challenge Machinery Co., Grand Haven, Mich.  
 CHAMBER waterproof belting—Geo. Rahmann & Co., 31 Spruce, New York  
 CHAMBERLAIN pumping jacks—Chamberlain Machine Works, Waterloo, Ia.  
 CHAMBERLIN whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.  
 CHAMBERS bolt cutting machines—Chambers Bros. Co., 52nd below Lancaster av, Philadelphia, Pa.  
 CHAMBERS steam engines—Liddell Co., Charlotte, N. C.  
 CHAMPION adze—Am. Axe & Tool Co., Glassport, Pa.  
 CHAMPION barrel covers—W. H. Parks & Co., Winchendon, Mass.  
 CHAMPION barrel heaters—Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.  
 CHAMPION barrel heaters—John S. Oram Co., Cleveland, Ohio  
 CHAMPION barrel leveling machines—T. Johnson Co., 108 S. La Salle, Chicago, Ill.  
 CHAMPION bee smokers—Kretschmer Mfg. Co., Council Bluffs, Ia.  
 CHAMPION belt dressing—Alonzo K. Lynch, 310 Flushing av, Brooklyn, N. Y.  
 CHAMPION bench sanders—Valley City Machine Works, Grand Rapids, Mich.  
 CHAMPION blacksmiths' tools—Champion Blower & Forge Co., Lancaster, Pa.  
 CHAMPION blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.  
 CHAMPION blow torches—Turner Brass Works, Sycamore, Ill.  
 CHAMPION blue printing machines—Keuffel & Esser, Hoboken, N. J.  
 CHAMPION boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.  
 CHAMPION bottle openers, cork pullers, lemon squeezers, fly traps—Reynolds Wire Co., Dixon, Ill.  
 CHAMPION brick mould sanding machines—Chas. Waldron, Haverstraw, N. Y.  
 CHAMPION broad axes—American Axe & Tool Co., Glassport, Pa.  
 CHAMPION bush hooks—Dunn Edge Tool Co., Oakland, Me.



CHAMPION canvas belting—Empire Tire & Rubber Corp., East Trenton, N. J.  
 CHAMPION canvas wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.  
 CHAMPION car loaders—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.  
 CHAMPION carbonators—Bishop-Babcock-Becker Co., Cleveland, Ohio  
 CHAMPION cattle stanchions—Bryan Mfg. Co., P. O. Box D., Bryan, Ohio  
 CHAMPION chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa.  
 CHAMPION cigar banding machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio  
 CHAMPION corn planting drills—Moline Plow Co., Moline, Ill.  
 CHAMPION cranes—S. G. Milton & Son, Franklin, Pa.  
 CHAMPION cream separators—Blanke Mfg. & Supply Co., 3rd & Wash. av, St. Louis, Mo.  
 CHAMPION cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.  
 CHAMPION currycombs—C. L. Leonard, Westboro, Mass.  
 CHAMPION door bumpers, holders, hinges, sash locks, filters, steel wrenches—Champion Hardware Co., Geneva, Ohio  
 CHAMPION door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 CHAMPION door openers—Standard Lock Co., 113 Himrod, Brooklyn, N. Y.  
 CHAMPION dough dividing machines—Champion Machinery Co., Joliet, Ill.  
 CHAMPION drain cleaners—Iwan Bros., South Bend, Ind.  
 CHAMPION drawer pulls—Chantrell Hardware & Tool Co., Reading, Pa.  
 CHAMPION drilling machines—Smurr & Kamen Machine Co., 313 N. Whipple, Chicago, Ill.  
 CHAMPION duplicators—Beck Duplicator Co., 491 Broadway, New York  
 CHAMPION egg openers—Taplin Mfg. Co., New Britain, Conn.  
 CHAMPION electric air pumps & water lifts—Cleveland Faucet Co., Cleveland, Ohio  
 CHAMPION electric lamps—Consolidated Electric Lamp Co., Danvers, Mass.  
 CHAMPION elevator ice planers—C. A. Hiles & Co., 2431 W. 14th, Chicago, Ill.  
 CHAMPION exhaust heads—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.  
 CHAMPION lanning mills—J. L. Owens Co., Minneapolis, Minn.  
 CHAMPION farm gates—Mason Fence Co., Lessburg, Ohio  
 CHAMPION fence pliers—L. A. Sayre & Son, 332 Mulberry, Newark, N. J.  
 CHAMPION fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York  
 CHAMPION fire proof doors—Champion Fire Proof Door Co., 275 Rider av, New York  
 CHAMPION fishing rods—Van Doren Mfg. Co., Chicago Heights, Ill.  
 CHAMPION flexible shafts—Coates Clipper Mfg. Co., Worcester, Mass.  
 CHAMPION floor grinders—Safety Emery Wheel Co., Springfield, Ohio  
 CHAMPION fly traps—Fred. J. Meyers Mfg. Co., Hamilton, Ohio  
 CHAMPION garden rakes—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 CHAMPION glass cutters—Fletcher, Terry Co., Forestville, Conn.  
 CHAMPION grain drills—Champion Drill Co., Avon, N. Y.  
 CHAMPION hand hoists, cranes—S. G. Milton & Son, Franklin, Pa.  
 CHAMPION hay carriers—J. E. Porter Co., Rochester, N. Y.  
 CHAMPION hedge knives—Henry Disston & Sons, Tacony, Phila., Pa.  
 CHAMPION high speed steel—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
 CHAMPION horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.  
 CHAMPION ice breakers—Allman Gas Engine & Machine Co., 461 Canal, New York  
 CHAMPION ice breakers—Dilg Mfg. & Trading Co., 401 E. 163rd, New York  
 CHAMPION ice cream machines—Allman Gas Engine & Machine Co., 461 Canal, New York  
 CHAMPION incubators & brooders—J. A. Bennett & Son, Gouverneur, N. Y.  
 CHAMPION insecticide dusters—Leggett & Bro., 301 Pearl, New York  
 CHAMPION insulating cloth, insulating tape & paints—Chicago Mica Co., Valparaiso, Ind.

CHAMPION kerosene lamp burners—Wheeling Stamp-  
 ing Co., Wheeling, W. Va.  
 CHAMPION land & field rollers—Thornbaugh Mfg.  
 Co., Bowling Green, Ohio  
 CHAMPION lathe & saw—Millers Falls Co., 28 War-  
 ren, New York  
 CHAMPION lawn rakes—V. L. Ney Co., Canton,  
 Ohio  
 CHAMPION lawn spray sprinklers—Thos. Cadwalla-  
 der, Salem, Ohio  
 CHAMPION leather washers—Providence Belting Co.,  
 7 Beverly, Providence, R. I.  
 CHAMPION leg bands—Thos. Cadwallader, Salem,  
 Ohio  
 CHAMPION lock mortising machines—J. Leukart Co.,  
 44 E. Columbus, Columbus, Ohio  
 CHAMPION logging tools—American Logging Tool  
 Co., Evart, Mich.  
 CHAMPION lubricating oils & greases—Indian Re-  
 fining Co., 44 Whitehall, New York  
 CHAMPION maple sugar evaporators—Champion  
 Evaporator Co., Hudson, Ohio  
 CHAMPION maple sugar evaporators—G. H. Grimm,  
 Rutland, Vt.  
 CHAMPION metallic shingles—Eller Mfg. Co., Can-  
 ton, Ohio  
 CHAMPION mop wringers & sprocket wrenches—  
 Ayes & Co., 1812 Ellen, Chicago, Ill.  
 CHAMPION mops—Hamblin & Russell, Worcester,  
 Mass.  
 CHAMPION mowers, reapers, grain binders, hay  
 tedders, sickle grinders, binder twine—Internat-  
 ional Harvester Company of America, Inc., 230  
 Harvester bldg., Chicago, Ill.  
 CHAMPION night latches—Miller Lock Co., 4523  
 Tacony, Phila., Pa.  
 CHAMPION oil cups—Lunkenheimer Co., Beekman &  
 Waverly, Cincinnati, Ohio.  
 CHAMPION paints—John Briggs & Co., 47 Purchase,  
 Boston, Mass.  
 CHAMPION pipe wrenches—Greene, Tweed & Co.,  
 109 Duane, New York  
 CHAMPION plow mfrs.—Billups, C., Son & Co., Nor-  
 folk, Va.  
 CHAMPION post drills—Wantling Favorite Coal Drill  
 Co., Peoria, Ill.  
 CHAMPION post hole diggers—F. E. Kohler Co., Can-  
 ton, Ohio.  
 CHAMPION post hole diggers—Ohio Cultivator Co.,  
 Bellevue, Ohio  
 CHAMPION potato diggers—Messinger Mfg. Co.,  
 Tatamy, Pa.  
 CHAMPION potato sprayers—Leggett & Bro., 301  
 Pearl, New York  
 CHAMPION power hammers—Beaudry & Co., 141  
 Milk, Boston, Mass.  
 CHAMPION punches & shears—Sears Bros., Onslow,  
 Ia.  
 CHAMPION ratchet wrenches—Syracuse Wrench Co.,  
 300 W. Water, Syracuse, N. Y.  
 CHAMPION rock crushers, belt conveyors, revol-  
 ving screens—American Road Machinery Co., Ken-  
 nett Square, Pa.  
 CHAMPION roofing cements—John Briggs & Co., 47  
 Purchase, Boston, Mass.  
 CHAMPION root cutters—Belcher & Taylor Agri-  
 cultural Tool Co., Chicopee Falls, Mass.  
 CHAMPION rubber bottles—Tyer Rubber Co., An-  
 dover, Mass.  
 CHAMPION sad irons—Sailer & Melvin Mfg. Co.,  
 Massillon, Ohio  
 CHAMPION sand & gravel heaters & dryers—  
 Handlan-Buck Mfg. Co., 210-14 N. 3rd, St.  
 Louis, Mo.  
 CHAMPION saw gauges—Kilborn & Bishop Co., New  
 Haven, Conn.  
 CHAMPION saw guards—Champion Machinery Co.,  
 Joliet, Ill.  
 CHAMPION saw handles—Potter Mfg. Co., Geneva,  
 Ohio  
 CHAMPION saw sets—Hy. Disston & Sons, Tacony,  
 Phila., Pa.  
 CHAMPION scales & nail pullers—Pelouze Mfg. Co.,  
 232 E. Ohio, Chicago, Ill.  
 CHAMPION screw drivers—Union Hardware Co.,  
 Torrington, Conn.  
 CHAMPION self feeding drills—Handlan-Buck Mfg.  
 Co., 210-14 N. 3rd, St. Louis, Mo.  
 CHAMPION sheet packing—Boston Belting Co., 84  
 Linden Park, Boston, Mass.  
 CHAMPION spark plugs—Champion Spark Plug Co.,  
 Toledo, Ohio  
 CHAMPION spring hinges—Coleman Hardware Co.,  
 220 S. Michigan av, Chicago, Ill.  
 CHAMPION stalk cutters—Kingman Plow Co.,  
 Peoria, Ill.  
 CHAMPION steam traps—Kieley & Mueller, 34 W.  
 13th, New York



- CHAMPION steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York
- CHAMPION stone crushing plants—Good Roads Machinery Co., Kennett Square, Pa.
- CHAMPION storage batteries—Hector C. MacRae, 316 St. Paul, Baltimore, Md.
- CHAMPION stove linings—Rutland Fire Clay Co., Rutland, Vt.
- CHAMPION stoves—Champion Stove Co., 4001 W. 25th, Cleveland, Ohio
- CHAMPION swatters—Merrifield Co., Springvale, Me.
- CHAMPION tailors' pressing machines—Edw. J. Geyer, Rochester, N. Y.
- CHAMPION traction engines, hay presses—Famous Mfg. Co., East Chicago, Ind.
- CHAMPION truss hoops—Wabash Truss Hoop Co., Mt. Carmel, Ill.
- CHAMPION vises—Bonney Vise & Tool Works, Allentown, Pa.
- CHAMPION wagon jacks—Torrey Bros. Co., Central Village, Conn.
- CHAMPION windmill regulators—Hunt, Helm, Ferris & Co., Harvard, Ill.
- CHAMPION wood mortising machines—Colgan Machinery & Supply Co., Columbus, Ohio
- CHAMPION wood sawing machines—Weaver & Co., New Oxford, Pa.
- CHAMPION woven wire fences—Mason Fence Co., Leesburg, Ohio
- CHAMPION LOCK stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
- CHANARCH car flooring—Dunbar Mfg. Co., 52d & Lake, Chicago, Ill.
- CHANDLER bench vises—Barbour Stockwell Co., Cambridge, Mass.
- CHANDLER'S ice cutting machines—C. E. Jennings & Co., 71 Murray, New York
- CHANELATH expanded metal lath—Northwestern Expanded Metal Co., Old Colony bldg., Chicago, Ill.
- CHANNEL barn door hangers—S. B. Martin, Dalton, Ohio
- CHANNEL split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- CHANNELENE grease—Monarch Mfg. Co., Ironville, Toledo, Ohio
- CHANNELENE oils & greases—Monarch Mfg. Co., Council Bluffs, Ia.
- CHANNON centrifugal pumps—H. Channon Co., 150 N. Market, Chicago, Ill.
- CHANNON concrete mixers, drag line excavators, scraper buckets—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
- CHANTICLEER pumping jacks—Jacob Haish Co., De Kalb, Ill.
- CHANUTE cement—Chanute Cement Co., Chanute, Kans.
- CHAPIN cream dippers—Louis A. Boettiger Co., Leonard, New York
- CHAPIN electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- CHAPMAN ball & shaft hanger bearings—Transmission Ball Bearing Co., 1056 Military rd, Buffalo, N. Y.
- CHAPMAN centre handle switches—Frank W. Morse, 293 Congress, Boston, Mass.
- CHAPMAN electric neutralizers—Chapman Electric Neutralizer Co., Portland, Me.
- CHAPMAN electric railway signals—Chas. N. Wood Co., 79 Milk, Boston, Mass.
- CHAPMAN flush plugs—Bryant Electric Co., Bridgeport, Conn.
- CHAPMAN gas engines & sickle grinders—H. L. Chapman, Marcellus, Mich.
- CHAPMAN gas producers—Chapman Engineering Co., Mt. Vernon, Ohio
- CHAPMAN jacks—Chapman Jack Co., Cleveland, Ohio
- CHAPMAN lightning arresters—Minnesota Electric Co., Minneapolis, Minn.
- CHAPMAN sleigh runner attachments—A. E. Cartier Sons Co., Ludington, Mich.
- CHAPMAN steam traps—Watson & McDaniel Co., 146 S. 7th, Phila., Pa.
- CHAPMAN track jacks—Cleveland City Forge & Iron Co., Cleveland, Ohio
- CHAPMAN valves—Chapman Valve Mfg. Co., Indian Orchard, Mass.
- CHAPPEL time switches—Cleveland Dental Supply Co., Cleveland, Ohio
- CHARIOT rubber hose—Republic Rubber Co., Youngstown, Ohio
- CHARLESTON sheet packing—General Asbestos Rubber Co., Charleston, S. C.
- CHARLTON velvet lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
- CHARM churns—American Wooden Ware Mfg. Co., Toledo, Ohio
- CHARM sad irons—Central Flatiron Mfg. Co., Binghamton, N. Y.
- CHARMER lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- CHARMER steam heaters—Freed Heater Co., Collegeville, Pa.
- CHARTER gasoline hoists & portable engines on wheels—Charter Gas Engine Co., Sterling, Ill.
- CHARTER OAK belt dressing—N. Palmer & Co., Bridgeport, Conn.
- CHARTER OAK belting—N. Palmer & Co., Bridgeport, Conn.
- CHARTER OAK farm wagons—Joel Turney & Co., Fairfield, Ia.
- CHARTER OAK horse brushes—Standard Brush Co., New Hartford, Conn.
- CHARTER OAK safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- CHAS. A. BAUER'S hardness testing machines—W. J. Keep, Detroit, Mich.
- CHAS. WILDER CO. thermometers—Wilder-Pike Thermometer Co., Troy, N. Y.
- CHASE belt fasteners—Strong Machy. & Supply Co., 21 Walker, New York
- CHASE elevating trucks—Chase Foundry & Mfg. Co., Columbus, Ohio
- CHASE leather wall coverings—L. C. Chase & Co., 89 Franklin, Boston, Mass.
- CHASE nipple couplings—Condit Electrical Mfg. Co., 283 Franklin, Boston, Mass.
- CHASE tower wagons—Chase Motor Truck Co., Syracuse, N. Y.
- CHASE'S grooving machines, thumbhole cutting machines—Chase Turbine Mfg. Co., Orange, Mass.
- CHASECO electric illuminated signs—Chase Electric Signs, 319 Wells, Chicago, Ill.
- CHASE ECONOMY road graders—Chase Foundry & Mfg. Co., 2700 Parsons av, Columbus, Ohio
- CHASSE mouse traps—Shann Mfg. Co., Middletown, N. Y.
- CHATHAM incubators & brooders & grain graders—Manson-Campbell Co., Campbell & Leavitt, Detroit, Mich.
- CHATILLION butchers' saws—Jno. Chatillion & Sons, 85 Cliff, New York
- CHATTANOOGA disc harrows—Ohio Rake Co., Dayton, Ohio
- CHATTANOOGA plows, evaporators & potato diggers—Chattanooga Plow Co., Chattanooga, Tenn.
- CHATTANOOGA wagons—Chattanooga Wagon Co., Chattanooga, Tenn.
- CHATTERTON insulating compounds—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
- CHAUMONT white lime—Adams & Duford Co., Chaumont, N. Y.
- CHAUTAUQUA bread mixers—Wm. Vogel & Bros., 37 S. 9th, Brooklyn, N. Y.
- CHAUTAUQUA eaves-trough hangers—F. E. Albro, Mayville, N. Y.
- CHEBEKO Balata belting—Chesapeake Belting Co., 823 McKim, Baltimore, Md.
- CHECKLOCK grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- CHEERFUL HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
- CHEERFUL SUNSHINE steel ranges—Reading Stove Works, Reading, Pa.
- CHEF potato mashers—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.
- CHELSEA fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
- CHELSEA inkstands & wells—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
- CHELTON shallow push switches—Chelton Electric Co., Gtn., Phila., Pa.
- CHENEY anvil & vise—Fulton Iron Works, Detroit, Mich.
- CHENEY nail hammers—Henry Cheney Hammer Co., Little Falls, N. Y.
- CHEROKEE cement & wood fibre plaster—Southern Gypsum Co., North Holston, Va.
- CHEROKEE marble—Georgia Marble Co., Tate, Ga.
- CHESHIRE lime—Palmer Lime & Cement Co., 103 Park av, New York
- CHESTERMAN measuring tapes—Wiebusch & Hilger, 106 Lafayette, New York
- CHESTERTON packing & gauge glass cutters—A. W. Chesterton Co., 64 India, Boston, Mass.
- CHEYENNE goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
- CHIC shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- CHICAGO belt fasteners & automobile jacks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- CHICAGO boiler flue & tube cleaners—Liberty Mfg. Co., Pittsburgh, Pa.



- CHICAGO can capping machines—Chicago Solder Co., 218 N. Union av, Chicago, Ill.
- CHICAGO car couplers—National Malleable Castings Co., Cleveland, Ohio
- CHICAGO car couplers—Standard Coupler Co., 30 Church, New York
- CHICAGO carbon removers—Chicago Automobile Supply House, 1355 S. Michigan av, Chicago, Ill.
- CHICAGO cigar lighters—Mahony Bros., 6700 Stony Island av., Chicago, Ill.
- CHICAGO coffee roasters—Dunbar & Co., 2652 W. Lake, Chicago, Ill.
- CHICAGO concrete mixers—Chicago Concrete Machinery Co., Majestic bldg., Milwaukee, Wis.
- CHICAGO cornice brakes—Dreis & Krump Mfg. Co., 2911 S. Halsted, Chicago, Ill.
- CHICAGO cotton rope—Anniston Cordage Co., Anniston, Ala.
- CHICAGO door springs—Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
- CHICAGO dusters—Chicago Feather Duster Co., 816 Fulton, Chicago, Ill.
- CHICAGO emery & corundum wheels—Chicago Wheel & Mfg. Co., 1101 W. Monroe, Chicago, Ill.
- CHICAGO engine centering jacks—McMaster Carr Supply Co., 174 N. Market, Chicago, Ill.
- CHICAGO fire extinguishers & pumps—Chicago Fire Apparatus Co., 208 N. 5th av, Chicago, Ill.
- CHICAGO fire station latches—Chicago Spring Butt Co., 334 Union Park ct, Chicago, Ill.
- CHICAGO gate latches—Duffy Mfg. Co., 214 W. Grand, Chicago, Ill.
- CHICAGO glass desk pad—Chicago Mirror & Art Glass Co., 216 N. Clinton, Chicago, Ill.
- CHICAGO goggles, eye protectors, respirators—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
- CHICAGO grip comealongs—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.
- CHICAGO heat regulators—Chicago Heat Regulator Co., 1801 Diversey Parkway, Chicago, Ill.
- CHICAGO heat regulators & pipe hangers—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.
- CHICAGO hot air clothes dryers—Domestic Laundry Equipment Corp., 228 W. 26th, New York
- CHICAGO injectors, lubricators & oil & grease cups—Ohio Injector Co., Wadsworth, Ohio
- CHICAGO laundry lawn clothes dryers—Chicago Dryer Co., 630 S. Wabash, Chicago, Ill.
- CHICAGO laundry stoves—Novelty Iron Co., Canton, Ohio
- CHICAGO leather wheels—Chicago Wheel & Mfg. Co., 1101 W. Monroe, Chicago, Ill.
- CHICAGO note book holders—Galesburg Writing Machine Co., Galesburg, Ill.
- CHICAGO pencil sharpeners—Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.
- CHICAGO perforating machines—B. F. Cummins Co., 4740 W. Ravenswood Park av, Chicago, Ill.
- CHICAGO pneumatic sand rammers—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
- CHICAGO rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
- CHICAGO rubber hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.
- CHICAGO scales—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.
- CHICAGO seeders & sowers—Cyclone Seeder Co., Urbana, Ind.
- CHICAGO time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
- CHICAGO traveling link grates—Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
- CHICAGO typewriters—Galesburg Writing Machine Co., Galesburg Ill.
- CHICAGO universal pneumatic hose couplings—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.
- CHICAGO valves—Stephens Roe Mfg. Co., Detroit, Mich.
- CHICAGO wire rope clips—Chicago Wire Rope Preserver Co., 315 S. La Salle, Chicago, Ill.
- CHICAGO wire rope sockets—Chicago Steel Foundry Co., 3701 S. Kedzie av, Chicago, Ill.
- CHICAGO AA cement—Chicago Portland Cement Co., 30 N. La Salle, Chicago, Ill.
- CHICAGO PNEUMATIC compressors — Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.
- CHICK can openers—Andrews Wire & Iron Works, Rockford, Ill.
- CHICKASAW oak flooring—Memphis Hardwood Flooring Co., Memphis, Tenn.
- CHICKEN clover cutters & feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- CHICORA flax packing—General Asbestos Rubber Co., Charleston, S. C.
- CHICOT hammer handles—American Handle Co., Jonesboro, Ark.
- CHIEF barn cupolas—Shranger & Johnson Co., Atlantic, Ia.
- CHIEF grass catchers—F. & N. Lawn Mower Co., Richmond, Ind.
- CHIEF maple flooring—Kerry & Hanson Flooring Co., Grayling, Mich.
- CHIEF rubber belting—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
- CHIEF spring hinges—Shelby Spring Hinge Co., Shelby, Ohio
- CHIEF stump pullers—C. D. Edwards, Albert Lea, Minn.
- CHIEF tractors—Chief Tractor Mfg. Co., Ecorse, Detroit, Mich.
- CHIEF wall plaster—Romen Nose Gyp. Co., Bickford, Okla.
- CHIEFTAIN belting—Smyth-Despard Co., Utica, N. Y.
- CHIEFTAIN metallic shingles—Berger Mfg. Co., Canton, Ohio
- CHI-FAU-CO. cocks & bibbs, faucets & drinking fountains—Chicago Faucet Co., 315 S. Clinton, Chicago, Ill.
- CHILDS COMFORT closet seats—Schwab Bros. Co., 811 E. 9th, New York
- CHILD'S fire extinguisher & hose clamps—O. J. Childs Co., Utica, N. Y.
- CHILIAN Quartz mills—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
- CHILLINGWORTH gear cases—Thayer & Co., 111 Broadway, New York
- CHILLY KING milk coolers—Chas. Skidd Mfg. Co., Kenosha, Wis.
- CHILSON stoves—Chilson Furnace Co., Mansfield, Mass.
- CHINA LAC brick paints & floor finish—Patterson-Sargent Co., Cleveland, Ohio
- CHINALINE enamels—U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.
- CHINA MAKER crayons—Standard Crayon Mfg. Co., Danvers, Mass.
- CHI-NAMEL cement floor coatings & varnish—Ohio Varnish Co., Cleveland, Ohio
- CHINA INDEX HANDLE basin cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
- CHINESE paint brushes—Rennous, Kleinle & Co., 3221 Frederick av, Baltimore, Md.
- CHIPPENDALE QUALITY table glassware—Jefferson Glass Co., Follansbee, W. Va.
- CHIRRY miners' safety lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
- CHI-VAR-CO rubbing varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
- CHLORIDE storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Phila., Pa.
- CHOLLAR'S feed water purifiers—Stacey Mfg. Co., Big Four RR av, Township av, Elmwood, Cincinnati, Ohio
- CHOQUETTE waste savers—Torrance Mfg. Co., Harrison, N. J.
- CHORE BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
- CHOUAGUEN shade cloth—Oswego Shade Cloth Co., Oswego, N. Y.
- CHRIST coal jigs—Tamaqua Mfg. Co., Tamaqua, Pa.
- CHRISTEN blacksmiths' bellows—Christen Bellows & Mfg. Co., Main & Dock, St. Louis, Mo
- CHRISTENSEN electric car brakes—Allis-Chalmers Mfg. Co., W. Allis, Milwaukee, Wis.
- CHRISTIAN gold dipper dredges—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
- CHRISTIANA suction hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- CHRISTY kitchen knives & egg & cream beaters—Christ Knife Co., Fremont, Ohio
- CHROMEL resistance wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
- CHUBBUCK cross arms, insulator pins & brackets—Electrical Construction Supply Co., Springfield, Ohio
- CHURCH belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.
- CHURCH wire stretchers & woven wire fences—Church Bros., Adrian, Mich.
- CHUSE engines—Chuse Engine & Mfg. Co., Mattoon, Ill.
- CINCH expansion bolts—National Lead Co., 111 Broadway, New York
- CINCH fence stays—Worth Wire Works, Kokomo, Ind.
- CINCH fruit jar wrenches—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.



CINCH metal polish—American Motor Equipment Co., 73 Washington, N. Boston, Mass.  
 CINCH paper clips—Niagara Clip Co., 155 Waverly pl, New York  
 CINCINNATI box straps—W. F. Robertson, Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio  
 CINCINNATI drilling machine vises—Cincinnati-Bickford Tool Co., Cincinnati, Ohio  
 CINCINNATI marine gears—Wm. T. Johnston Co., 3rd & Vine, Cincinnati, Ohio  
 CINCINNATI oven illuminators—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.  
 CINCINNATI planers—Cincinnati Planer Co., Cincinnati, O.  
 CINCINNATI step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio  
 CINCINNATI wire rope clips—C. M. Mockbee, 114 W. Pearl, Cincinnati, Ohio  
 CINCINNATUS concrete mixers—Ideal Concrete Machinery Co., Cincinnati, Ohio  
 CINCINNATI rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio  
 CIN-MAN-CO. metal frame window screens—Cincinnati Mfg. Co., 1243 W. 6th, Cincinnati, Ohio  
 CINRUBCO insulating tape—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio  
 CIRE-PERDUE bronze monuments—Roman Bronze Works, 275 Greene, Brooklyn, N. Y.  
 CISCO punching & shearing machinery, bending & straightening rolls, lathes, cranes—Cincinnati Iron & Steel Co., Cincinnati, Ohio  
 CITO cut meters—Schuchardt & Schutte, 90 West, New York  
 CITRUS washing powders—Citrus Soap Co., San Diego, Cal.  
 CITY parlor door hangers—Lawrence Bros., Sterling, Ill.  
 CLAD butter cutter—V. Clad & Sons, 12th & Locust, Phila., Pa.  
 CLAFLIN automatic tube cleaners—C. A. Claflin Co., 161 High, Boston, Mass.  
 CLAFLIN baseball & athletic shoes—Waldo M. Claflin, 110 Chestnut, Phila., Pa.  
 CLAIRMONT belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 CLANNY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.  
 CLARCO steel truck & rubber tired wheels—W. J. Clark, Salem, Ohio  
 CLARK automobile & carriage heaters—Chicago Flexible Shaft Co., 81 La Salle av, Chicago, Ill.  
 CLARK corn huskers—R. F. Clark, 54 W. Lake, Chicago, Ill.  
 CLARK damper regulators—Foskett & Bishop Co., New Haven, Conn.  
 CLARK expansive bits—Conn. Valley Mfg. Co., Centerbrook, Conn.  
 CLARK expansive bits—Davis Hardware Mfg. Co., Gloucester, Mass.  
 CLARK gas radiators—American Stove Co., St. Louis, Mo.  
 CLARK grain power shovels—Wolf Co., Chambersburg, Pa.  
 CLARK harrows & pulverizers, clod crushers & root cutters—Cutaway Harrow Co., Higganum, Conn.  
 CLARK—meter boxes—H. W. Clark Co., Mattoon, Ill.  
 CLARK pattern expansive bits—W. A. Ives Mfg. Co., Wallingford, Conn.  
 CLARK pipe joint cements—Clark Cast Steel Cement Co., Shelton, Conn.  
 CLARK portable grain elevators—Clark Machine Co., St. Johnsville, N. Y.  
 CLARK safety razors—Clark Blade Razor Co., 56 Summer av, Newark, N. J.  
 CLARK steel factory trucks, barrows, casters, exhaust fans, wringing machines—Geo. P. Clark Co., Windsor Locks, Conn.  
 CLARK tablet machines—F. J. Stokes Machine Co., 17th & Cambria, Phila., Pa.  
 CLARK tenison set plates—Adreon Mfg. Co., Security bldg., St. Louis, Mo.  
 CLARK trolley line materials—Clark Elec. & Mfg. Co., 149 Broadway, New York  
 CLARK tuyere irons—Illinois Iron & Belt Co., Carpentersville, Ill.  
 CLARKE coil presses—Smith & Wallace, Woburn, Mass.  
 CLARKE damper regulators—E. Rutzler Co., 404 E. 49th, New York  
 CLARK'S agricultural implements—Cutaway Harrow Co., Higganum, Conn.  
 CLARK'S auger bits—C. E. Jennings & Co., 71 Murray, New York  
 CLARK'S blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.  
 CLARK'S damper regulators—Kelly & Jones Co., Pittsburgh, Pa.

CLARK'S damper regulators—Enoch Rutzler Co., 404 E. 49th, New York  
 CLARK'S emergency exit door locks—Hugh Elmer Clark & Bro., Rochester, N. Y.  
 CLARK'S expansive bits—James Swan Co., Seymour, Conn.  
 CLARK'S expansive bits & screw drivers—R. H. Brown & Co., New Haven, Conn.  
 CLARK'S metallic life boats & rafts—Detroit Shipbuilding Co., Brass Dept., Detroit, Mich.  
 CLARK'S reversible hinges—Frey Iron Casting Co., Mt. Joy, Pa.  
 CLARK'S track cleaners—Van Dorn & Dutton Co., Cleveland, Ohio  
 CLARKSIZE powder size—Clark Paper & Mfg. Co., Rochester, N. Y.  
 CLAROL belt dressing—Viscol Co., Cambridge, Mass.  
 CLARY railroad tie plates—Cleveland Railway Supply Co., Cleveland, Ohio  
 CLAUSS shears, safety razors, knives—Clauss Shear Co., Fremont, Ohio  
 CLAY hydraulic packing—H. Johnson Co., ft Gates av, Jersey City, N. J.  
 CLAY-JONES hose couplings—Jno. H. Clay, 1320 Ridge av, Phila., Pa.  
 CLEAN CLAW farriers' hammers—Champion Tool Co., Meadville, Pa.  
 CLEAN-CUT weed cutters—H. C. Shaw Co., Stockton, Cal.  
 CLEAN EASY hand soap—Wm. R. Winn, 143 Maiden la, New York  
 CLEANER carpet beaters—Holt-Lyon Co., Tarrytown, N. Y.  
 CLEANOFF paint & varnish remover—Campbell Glass & Paint Co., Main & Gratiot, St. Louis, Mo.  
 CLEANOLA furniture polish—Cleanola Co., Fulton bldg, Pittsburgh, Pa.  
 CLEAN-OUT water closets—Wheeling Sanitary Mfg. Co., Wheeling, W. Va.  
 CLEANSILK polishing cloths—F. C. Hanson, Southbridge, Mass.  
 CLEAN SWEEP brass bushings, brass elbows & catch basin traps—Detroit Sanitary Supply Co., Detroit, Mich.  
 CLEAN SWEEP hay loaders—Sandwich Mfg. Co., Sandwich, Ill.  
 CLEAN U WELL door mats—Modern Mfg. Co., Hagerstown, Md.  
 CLEAN-WELD brazing & welding flux—Metal Products Co., 78 Portland, Boston, Mass.  
 CLEANWELL flexible steel mats—Pettler Wire Products Co., Beaver Falls, Pa.  
 CLEARLAC varnishes—Harrison's, Inc., 35th & Gray's Ferry rd, Phila., Pa.  
 CLEBRA gas service cocks—Cleveland Brass Mfg. Co., Cleveland, Ohio  
 CLEITE sheet packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.  
 CLELAND SPECIAL fanning mills—Cleland Mfg. Co., Minneapolis, Minn.  
 CLEMATES rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 CLEMCO desks—Clemetsen Co., 2607 Flournoy, Chicago, Ill.  
 CLEMENT band saw filing & setting machines—American Wood Working Machinery Co., Rochester, N. Y.  
 CLEOPATRA sewing machines, needles—John Thornton, Jr., 108 Worth, New York  
 CLERMONT gas stoves—Gem City Stove Co., Dayton, Ohio  
 CLERO automobile horns & push buttons—Fitzgerald Mfg. Co., Torrington, Conn.  
 CLEVELAND ale & beer pumps—Russ Co., 5700 Walworth av, Cleveland, Ohio  
 CLEVELAND barn door hangers—Lawrence Bros., Sterling, Ill.  
 CLEVELAND boiler compounds—Cleveland Mfg. & Supply Co., Wade bldg, Cleveland, Ohio  
 CLEVELAND car fenders & wheel guards, fare boxes & sand boxes—Cleveland Fare Box Co., 5318 St. Clair av, Cleveland, Ohio  
 CLEVELAND cranes—Cleveland Crane & Engng. Co., Box 152, Wickliffe, O.  
 CLEVELAND cultivators—Empire Plow Co., Cleveland, Ohio  
 CLEVELAND expanded metal lath—Brier Hill Steel Co., Youngstown, Ohio  
 CLEVELAND expanded metal lath—Garry Iron & Steel Co., Niles, Ohio  
 CLEVELAND flushing valves—Cleveland Flush Meter Co., Cleveland, Ohio  
 CLEVELAND friction clutches—Reliance Gauge Column Co., Cleveland, Ohio  
 CLEVELAND friction clutches & friction clutch pulleys—Cleveland Clutch Co., Ravenna, Ohio  
 CLEVELAND horse shoes—Cray Bros., Cleveland, Ohio



- CLEVELAND hot air furnaces—Bennett Furnace Co., 5801 Euclid av, Cleveland, Ohio  
 CLEVELAND joist hangers—Columbian Hardware Co., Cleveland, Ohio  
 CLEVELAND motor cycles—Cleveland Motor Cycle Mfg. Co., 7209 Platt av, Cleveland, Ohio  
 CLEVELAND planing machines—open side—Cleveland Planer Works, Cleveland, Ohio  
 CLEVELAND pneumatic tools—Cleveland Pneumatic Tool Co., 6410 Hawthorne av, Cleveland, Ohio  
 CLEVELAND rock drills—Cleveland Rock Drill Co., Cleveland, Ohio  
 CLEVELAND roof snow guards—Duplex Hanger Co., Cleveland, Ohio  
 CLEVELAND rubber packing & valve discs—Mechanical Rubber Co., Cleveland, Ohio  
 CLEVELAND surface grinders—Cleveland Automatic Machine Co., Cleveland, Ohio  
 CLEVELAND tires—Cleveland Puncture Proof Tire Co., Columbus, Ohio  
 CLEVELAND wall ties—Duplex Hanger Co., Cleveland, Ohio  
 CLEVELAND watchman's clocks—American Watchman's Time Detector Co., 3403 Perkins av, Cleveland, Ohio  
 CLEVELAND-KNOWLES magnetic separators—United Iron Works Co., Springfield, Mo.  
 CLIFFORD CAPPELL mine ventilating fans—Elliott Co., Pittsburgh, Pa.  
 CLIFFS bolster seat springs—Meyer & Co., Throopsville, N. Y.  
 CLIFFSTONE whiting—B. F. Drakenfeld & Co., 50 Murray, New York  
 CLIFTON gas engines—Clifton Motor Works, 229 E. Clifton av, Cincinnati, Ohio  
 CLIFTON steel conduits—Clifton Mfg. Co., 65 Brookside av, Jamaica Plain, Boston, Mass.  
 CLIMAX ammunition—U. S. Cartridge Co., Lowell, Mass.  
 CLIMAX asphalt roofing & roofing paints—McHenry-Millhouse Mfg. Co., South Bend, Ind.  
 CLIMAX automatic steam engines—Peer Mfg. Co., Comstock, Mich.  
 CLIMAX barrows—Martin & Heagy Mfg. Co., Elizabethtown, Pa.  
 CLIMAX belt fasteners—Hudson Belt Fastener Co., 103 Chambers, New York  
 CLIMAX belting—Palmer N. & Co., Bridgeport, Conn.  
 CLIMAX blotting paper—Richmond Paper Mfg. Co., Richmond, Va.  
 CLIMAX boiler compounds—H. Lewis Co., 723 W. Lake, Chicago, Ill.  
 CLIMAX car couplers—National Malleable Castings Co., Cleveland, Ohio  
 CLIMAX cellar drainers, hydrants, pipe vises, gas machines, burners, mixers, pots, soldering furnaces—C. M. Kemp Mfg. Co., 401 E. Oliver, Baltimore, Md.  
 CLIMAX cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.  
 CLIMAX churns, pails & buckets—Buckeye Churn Co., Sidney, Ohio  
 CLIMAX closet seat hinges—Sherwood Brass Works, Detroit, Mich.  
 CLIMAX closet seats—C. F. Church Mfg. Co., Holyoke, Mass.  
 CLIMAX closet seats—Meyer-Sniffen Co., 11 W. 36th, New York  
 CLIMAX corrugated bottle wrappers—Hinde & Dausch Paper Co., Sandusky, Ohio  
 CLIMAX cultivators—Ohio Cultivator Co., Bellevue, Ohio  
 CLIMAX damper regulators—Kieley & Mueller, 34 W. 13th, New York  
 CLIMAX drag weighers—Climax Machinery Co., Indianapolis, Ind.  
 CLIMAX dry batteries, automobile lamps, wire connectors, & wire scrapers—Sibley & Pitman, 19 W. 36th, New York  
 CLIMAX electric car headlights—Trolley Supply Co., Canton, Ohio  
 CLIMAX expansion bolts—Brohard Co., 3rd & Lehigh, Phila., Pa.  
 CLIMAX fasteners—Buffalo Automatic Mfg. Co., 165 Pearl, New York  
 CLIMAX feed cutters & carriers—Warsaw-Wilkinson Co., Warsaw, N. Y.  
 CLIMAX foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.  
 CLIMAX furnace clay—Bridgeport Crucible Co., Bridgeport, Conn.  
 CLIMAX grain drills—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.  
 CLIMAX grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 CLIMAX harrows—W. A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.  
 CLIMAX hose nozzles & food choppers—Landers, Frary & Clark, New Britain, Conn.  
 CLIMAX hot air furnaces & steel ranges—Taplin-Rice-Clerkin Co., Akron, Ohio  
 CLIMAX ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.  
 CLIMAX locomotives—Climax Mfg. Co., Corry, Pa.  
 CLIMAX lubricating oils & greases—C. F. Sweet, Hartford, Conn.  
 CLIMAX mail boxes & window anti-rattlers—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.  
 CLIMAX needles—Randall-Falchney Co., Boston, Mass.  
 CLIMAX packing—Crandall Packing Co., Palmyra, N. Y.  
 CLIMAX padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 CLIMAX paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.  
 CLIMAX paper & pulp—Richmond Paper Mfg. Co., Richmond, Va.  
 CLIMAX plows—C. Billups Son & Co., Norfolk, Va.  
 CLIMAX plows—Thornburgh Mfg. Co., Bowling Green, Ohio  
 CLIMAX plumbers' wood work—Climax Sanitary Co., Detroit, Mich.  
 CLIMAX railway track drills—National-Standard Co., Box 211, Niles, Mich.  
 CLIMAX resistance wire—Driver-Harris Co., Harrison, N. J.  
 CLIMAX rock & ore crushers, road machine & graders & stone crushing plants—Good Roads Machinery Co., Kennett Square, Pa.  
 CLIMAX sash locks—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.  
 CLIMAX saw clamps—Gustafson & Scott Mfg. Co., 4325 Wabansia av, Chicago, Ill.  
 CLIMAX shingle mill machinery—American Sawmill & Machinery Co., Hackettstown, N. J.  
 CLIMAX steam joint clamps—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.  
 CLIMAX step ladders—Goshen Mfg. Co., Goshen, Ind.  
 CLIMAX stump pullers—C. D. Edwards, Albert Lea, Minn.  
 CLIMAX sweep horse powers—Gehl Bros. Mfg. Co., West Bend, Wis.  
 CLIMAX sweep horse powers—I. B. Rowell Co., Waukesha, Wis.  
 CLIMAX toe-calks—Franklin Steel Works, Joliet, Ill.  
 CLIMAX trucks—Lansing Co., Lansing, Mich.  
 CLIMAX valves—Illinois Engineering Co., 5021 S. State, Chicago, Ill.  
 CLIMAX valves & sash weights—Kennedy-Stroh Corp., Pittsburgh, Pa.  
 CLIMAX ventilating caps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.  
 CLIMAX wash tub benches—Household Mfg. Co., Royersford, Pa.  
 CLIMAX water motors—Gaylord & Eitapenc Co., Binghamton, N. Y.  
 CLIMAX welding compounds—Cortland Welding Compound Co., Cortland, N. Y.  
 CLIMAX wire fences & gates—Indiana Steel & Wire Co., Muncie, Ind.  
 CLIMAX-SOLAR bath heaters—Solar Heater Co., Los Angeles, Cal.  
 CLIMAX WHEEL garden hoes—Ohio Cultivator Co., Bellevue, Ohio  
 CLINCHER animal traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 CLINCHER conductor pipe hooks—Delphos Mfg. Co., Delphos, Ohio  
 CLINCHER conductor pipe hooks—Milwaukee Corrugating Co., Milwaukee, Wis.  
 CLINCHER riveting machines—Star Hill Plate Co., Hamburg pl, Newark, N. J.  
 CLINCHES lightning grip vises—Massay Vise Co., 550 W. Harrison, Chicago, Ill.  
 CLING paper clips—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.  
 CLING-SURFACE belt dressing—Cling-Surface Co., Buffalo, N. Y.  
 CLINTON horse nails—Ausable Horse Nail Co., Keeseville, N. Y.  
 CLINTON poultry netting—Clinton Wire Cloth Co., Clinton, Mass.  
 CLINTON safety pins—Oakville Co., Waterbury, Conn.  
 CLINTON wagons—Abingdon Wagon Co., Abingdon, Ill.  
 CLIO water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 CLIP valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 CLIPLESS paper fasteners—Clipless Paper Fastener Co., Newton, Ia.



CLIPOX paper clips—Max Yessler, Inc., Milwaukee, Wis.  
 CLIPPER axes, rag cutter knives, scythes—Dunn Edge Tool Co., Oakland, Me.  
 CLIPPER bean & pea cleaners, bean & pea sorters, grain graders, fanning mills, alfalfa seed cleaners—A. T. Ferrell & Co., Saginaw, Mich.  
 CLIPPER belt fasteners, belt lacing & belt lacing machines—Clipper Belt Lacer Co., 1042 Front av, Grand Rapids, Mich.  
 CLIPPER bottle washing machines—Rhodes Mfg. Co., Hartford, Conn.  
 CLIPPER breaking plows—S. R. White's Sons, Norfolk, Va.  
 CLIPPER cultivators—Peru Plow & Wheel Co., Peru, Ill.  
 CLIPPER door hangers—Lawrence Bros., Sterling, Ill.  
 CLIPPER egg & cream beaters, lemon squeezers—Giles & Nielsen Nickel Works, Troy, N. Y.  
 CLIPPER egg & cream beaters—National Mfg. Co., Worcester, Mass.  
 CLIPPER fanning mills—Johnson & Field Mfg. Co., Racine, Wis.  
 CLIPPER feed cutters—A. B. Farquhar Co., York, Pa.  
 CLIPPER green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.  
 CLIPPER lawn mowers & gasoline engines—Clipper Lawn Mower Co., Dixon, Ill.  
 CLIPPER water motors—Rhodes Mfg. Co., Hartford, Conn.  
 CLIPPER well drilling machinery—Loomis Machine Co., Tiffin, Ohio.  
 CLIPPER wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.  
 CLIPPINGER steel corn cribs—A. B. Clippinger & Son, Kansas City, Mo.  
 CLOUGH gasoline burners—Theo. Clough, Dobbs Ferry, N. Y.  
 CLOVER carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.  
 CLOVER closet tanks—J. C. Eichman Mfg. Co., Bush & Wicomico, Baltimore, Md.  
 CLOVER rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.  
 CLOVER—safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.  
 CLOVER water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio.  
 CLOVER LEAF counter scales—Jones of Binghamton (Inc.) Binghamton, N. Y.  
 CLOVER LEAF lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
 CLOVERLEAF screen door hinges—Columbian Hardware Co., Cleveland, Ohio.  
 CLOVER LEAF thumb tacks—Hampden Mfg. Co., 108 Fulton, New York.  
 CLOVERLEAF unloaders—F. E. Myers & Bro., Ashland, Ohio.  
 CLOVER LEAF X-ray tubes—Green & Bauer, Hartford, Conn.  
 CLOVER TRIUMPH gas heaters—Phila. Stove & Iron Foundry Co., 1625 N. 5th, Phila., Pa.  
 CLOW valves, water lifts—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.  
 CLYDE kitchen enameled ware—Coonley Mfg. Co., Cicero, Ill.  
 CLYDE lime hydrating machinery—H. Miscampbell, Duluth, Minn.  
 CLYDE log skidding & loading machines, stump pullers & tree felling saws—Clyde Iron Works, Duluth, Minn.  
 CLYOD flooring clamps—Hardware Specialty Mfg. Co., Anderson, Ind.  
 COAL King stoves—Price-Evans Foundry Co., Chattanooga, Tenn.  
 COATES flexible shaft hair clippers, portable drilling machines, reamer grinders—Coates Clipper Mfg. Co., Worcester, Mass.  
 COBB'S round packing—New York Belting & Packing Co., 91 Chambers, New York.  
 COBURN barn door hangers—Coburn Trolley Track Mfg. Co., Holyoke, Mass.  
 COBURN-TAYLOR rag cutting machines—B. F. Perkins & Son, Holyoke, Mass.  
 COBWEB carbon paper—A. P. Little, Rochester, N. Y.  
 COBWEB wire glass—Pennsylvania Wire Glass Co., Penn. bldg, Phila., Pa.  
 COCHECO belting & belt cements, belt lacing—J. B. Williams & Sons, Dover, N. H.  
 COCHECO metallic packing—Strong Machinery & Supply Co., 21 Walker, New York.  
 COCHRAN speednut wrenches—Henes Sales Corp., 179 W. Washington, Chicago, Ill.

COCHRANE feed water heaters & purifiers—Harrison Safety Boiler Works, 3147 N. 17th, Phila., Pa.  
 COCO oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 CODORUS roofing paper—Schmidt & Ault Paper Co., York, Pa.  
 CODRU plumbers' sanitary earthenware—N. J. China Pottery Co., Trenton, N. J.  
 COE smudge pots—American Steel Pipe & Tank Co., Los Angeles, Cal.  
 COE'S gilding wheels—W. H. Coe Mfg. Co., 74 Weybosset, Providence, R. I.  
 COE'S ironing board clamps—D. E. Coe, Providence R. I.  
 COES wrenches—Coes Wrench Co., Worcester, Mass.  
 COFFIELD clothes washing machines—Coffield Motor Washer Co., Dayton, Ohio.  
 COFFIN planimeters—Ashcroft Mfg. Co., 119 W. 40th, New York.  
 COGSWELL grinding mills—A. & F. Brown Co., 79 Barclay, New York.  
 COHOES freight elevators, cylinder & hot air slashers—Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.  
 COHWEN dye tubs—A. Klipstein & Co., 644 Greenwich, New York.  
 COIN compression grease cups—Wm. Powell Co., Cincinnati, Ohio.  
 COIN-KEY lavatory locks—Venn-Severin Machine Co., 1317 W. North, Chicago, Ill.  
 COIT drill chucks—Naragansett Machine Co., Providence, R. I.  
 COIT drill chucks—Standard Machinery Co., Mystic, Conn.  
 COLBE combination range—E. B. Colby & Co., Hoboken av, Jersey City, N. J.  
 COLBERT can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.  
 COLBURN key-seating machines & universal saw benches—Baker Bros., Toledo, Ohio.  
 COLBURN tool holders—Colburn Machine Tool Co., Franklin, Pa.  
 COLD HANDLE family sad irons—Gray Iron Foundry Co., Reading, Pa.  
 COLD HANDLE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.  
 COLDWATER garden cultivators & manure spreaders—New Idea Spreader Co., Coldwater, Ohio.  
 COLDWELL lawn mowers & lawn mower sharpeners—Coldwell Lawn Mower Co., Newburgh, N. Y.  
 COLEBROOKDALE electric sad irons—Colebrookdale Iron Co., Pottstown, Pa.  
 COLEBROOK'S plumbers soil, stovemakers' putty—W. H. Colebrook & Son, Syracuse, N. Y.  
 COLECTO annunciators—S. H. Couch Co., Norfolk Downs, Mass.  
 COLEMAN arc lamps—Cole-Halsted Light & Sales Co., Los Angeles, Cal.  
 COLEMAN lamps—Coleman Lamp Co., Wichita, Kan.  
 COLEMAN EAGLE carriage bolts—Upson Nut Co., Cleveland, Ohio.  
 COLE'S hot blast stoves—Cole Mfg. Co., 3218 S. Western av, Chicago, Ill.  
 COLGAN lubricating oils—Colgan Mfg. & Supply Co., 118 Maiden la, New York.  
 COLLEGE lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.  
 COLLERLEAK pipe clamps—Dayton Pipe Coupling Co., Dayton, Ohio.  
 COLLES feed water purifiers—Sharkey & Peck, 2433 W. 18th, Chicago, Ill.  
 COLLICOTT'S improved—Ingall's tube scrapers—Newark Brush & Scraper Co., 266 Fabian pl, Newark, N. J.  
 COLLINGE carriage axles—Lee & Porter, Buchanan, Mich.  
 COLLINS automobile wind shields—G. A. Collins & Son, Akron, Ohio.  
 COLLINS compression couplings—Jones & Laughlin Steel Co., Pittsburgh, Pa.  
 COLLINS metallic packing—Collins Metallic Packing Co., 56 N. 2d, Phila., Pa.  
 COLLINS pressure regulators—Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.  
 COLLINS slotting machines—Baker Bros., Toledo, Ohio.  
 COLLINS tube expanders—Ajax Mfg. Co., N. S., Pittsburgh, Pa.  
 COL-MAC carburetors—Col-Mac Co., 254 South, Newark, N. J.  
 COLONEL gas arc lamps—Risinger Bros. Co., E. Liverpool, Ohio.  
 COLONEL sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio.  
 COLONIAL coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.



- COLONIAL compression grease cups—Wm. Powell Co., Cincinnati, Ohio  
 COLONIAL copper clad wire—Standard Underground Cable Co., Pittsburgh, Pa.  
 COLONIAL cultivators—Brand Detour Plow Co., Dixon, Ill.  
 COLONIAL gas pressure regulators—Baylis Co., Bloomfield, N. J.  
 COLONIAL hard wax floor polish—Acme White Lead & Color Works—Detroit, Mich.  
 COLONIAL hot air registers—Phila. Hdw. & Mail. Iron Works, 9th & Jefferson, Phila., Pa.  
 COLONIAL incandescent electric lamps—Colonial Electric Works of G. E. Co., Warren, Ohio  
 COLONIAL lubricating oils—Borne-Scrymser Co., 80 South, New York.  
 COLONIAL packing—Colonial Supply Co., Pittsburgh, Pa.  
 COLONIAL porch columns—Saco Mfg. Co., Saco, Me.  
 COLONIAL potheads—Colonial Sign & Insulator Co., Akron, Ohio.  
 COLONIAL sanitary flooring—Warren Bros. Co., 59 Temple pl, Boston, Mass.  
 COLORADO concrete mixers—Colorado Concrete Mixer Co., Denver, Colo.  
 COLORADO potato planters—Hassell Iron Works Co., Colorado Springs, Colo.  
 COLORIFIC mortar colors—Jas. M. Wells Co., Ogdensburg, N. Y.  
 COLORLESS waterproofing paints—Glidden Varnish Co., Cleveland, Ohio  
 COLOSSUS air drill hose, suction hose, steam hose—Electric Hose & Rubber Co., 12th & Durem, Wilmington, Del.  
 COLT milling machines—Asa S. Cook Co., Hartford, Conn.  
 COLTAY miners' spades—Smith-Courtney Co., Richmond, Va.  
 COLTON cement—California Portland Cement Co., Los Angeles, Cal.  
 COLTON lathe tool holders—Keystone Equipment Co., 1825 Walnut, Phila., Pa.  
 COLTON-HARTZ jigs for concentrating mills—Worthington Pump & Machy. Corp., 115 Broadway, New York.  
 COLTRIN concrete mixers—Knickerbocker Co., Jackson, Mich.  
 COLT'S automobile jacks, screw clamps, wagon jacks—Batavia Clamp Co., Batavia, N. Y.  
 COLUMBIA armature banding machines, coil taping machines, electric car brakes, gear cases, pneumatic lifts—Columbia Machine Works & Iron Co., 269 Chestnut, Brooklyn, N. Y.  
 COLUMBIA automatic air compressors—Ritter Dental Mfg. Co., Rochester, N. Y.  
 COLUMBIA auto. headlights, lamps, track jacks—Hine-Watt Mfg. Co., 180 N. Market, Chicago, Ill.  
 COLUMBIA bed & furniture casters—Columbia Ball Caster Co., 160 N. 5th av, Chicago, Ill.  
 COLUMBIA butcher's knives—E. S. Hulbert & Co., Bernardston, Mass.  
 COLUMBIA car cleaning oils, varnish renovators—Columbia Refining Co., 90 West, New York  
 COLUMBIA car trucks—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.  
 COLUMBIA carbon paper & typewriter ribbons—Columbia Ribbon & Carbon Mfg. Co., 69 Wooster, New York  
 COLUMBIA coal mining picks—Warwood Tool Co., Warwood, Wheeling, W. Va.  
 COLUMBIA cotters & keys—Hindley Mfg. Co., Valley Falls, R. I.  
 COLUMBIA cotton rope—Anniston Cordage Co., Anniston, Ala.  
 COLUMBIA cultivators & harrows—Brinly-Hardy Co., Louisville, Ky.  
 COLUMBIA dental engines & dental chairs—Ritter Dental Mfg. Co., Rochester, N. Y.  
 COLUMBIA drill chucks—Schuchardt & Schutte, 90 West, New York  
 COLUMBIA dry batteries, arc light carbons—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland, Ohio.  
 COLUMBIA embossing presses—A. Dewes Co., 199 Lafayette, New York.  
 COLUMBIA engine stops—Consolidated Engine Stop Co., 511 W. 42d, New York  
 COLUMBIA family scales—Landers, Frary & Clark, New Britain, Conn.  
 COLUMBIA feed cutters—W. B. Harrison & Co., Massillon, Ohio  
 COLUMBIA flour sieves—Parker Wire Goods Co., Worcester, Mass.  
 COLUMBIA flour sifters—National Enameling & Stamping Co., 411 5th av, New York  
 COLUMBIA gas engines—Columbia Machine & Tool Co., 223 W. Broad, Columbus, Ohio  
 COLUMBIA glass insulators—Brookfield Glass Co., 2 Rector, New York  
 COLUMBIA grain drills, rice planting drills & seeder attachments—Wm. Fetzner Co., Springfield, Ill.  
 COLUMBIA high speed steel—Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.  
 COLUMBIA hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio  
 COLUMBIA incandescent electric lamps—Columbia Incandescent Lamp Works of G. E. Co., Equitable bldg, St. Louis, Mo.  
 COLUMBIA insulating tape—W. R. Garton Co., 17 S. Desplaines, Chicago, Ill.  
 COLUMBIA lawn mowers—American Lawn Mower Co., Muncie, Ind.  
 COLUMBIA lawn swings—Specialty Mfg. Co., Titusville, Pa.  
 COLUMBIA liquid polish—Frederick B. Stevens, 3d & Larned, Detroit, Mich.  
 COLUMBIA lock-nuts & washers—Columbia Nut & Bolt Co., Bridgeport, Conn.  
 COLUMBIA logging tools—American Logging Tool Co., Evart, Mich.  
 COLUMBIA marine gears—Marine Mfg. & Supply Co., 158 South, New York  
 COLUMBIA meat choppers—Peden Iron & Steel Co., Houston, Texas  
 COLUMBIA meter calibrators & watthour meters—Roller-Smith Co., 203 Broadway, New York  
 COLUMBIA mop wringers—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.  
 COLUMBIA range boilers—Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.  
 COLUMBIA recording thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.  
 COLUMBIA screw drivers & garment hangers—Casady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 COLUMBIA seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.  
 COLUMBIA shears—Columbian Cutlery Co., Reading, Pa.  
 COLUMBIA shingle mill machinery—Perkins & Co., Grand Rapids, Mich.  
 COLUMBIA shoe lasts & stands—Wrightsville Hardware Co., Wrightsville, Pa.  
 COLUMBIA steam heaters—Vance Boiler Works, Geneva, N. Y.  
 COLUMBIA steam traps—Watson & McDaniel Co., 146 S. 7th, Phila., Pa.  
 COLUMBIA steam & hot water heaters—Columbia Heater Co., Paterson, N. J.  
 COLUMBIA step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.  
 COLUMBIA tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 COLUMBIA ventilators—Hoffmann & Baur, 279 Lake, Milwaukee, Wis.  
 COLUMBIA ventilators—E. E. Souther Iron Co., Klenlin & Hamburger, St. Louis, Mo.  
 COLUMBIA water meters—Union Water Meter Co., Worcester, Mass.  
 COLUMBIA HOT SHOT ignition batteries—National Carbon Co., Cleveland, Ohio  
 COLUMBIA IGNITOR blasting batteries—National Carbon Co., Cleveland, Ohio  
 COLUMBIAN anvils, hinges, vises—Columbian Hardware Co., Cleveland, Ohio  
 COLUMBIAN blotting paper—Eaton-Dikeman Co., Lee, Mass.  
 COLUMBIAN brick paints—Adams & Elting Co., 722 W. Washington, Chicago, Ill.  
 COLUMBIAN cattle guards—Columbian Mail Crane Co., 898 Factory, Columbus, Ohio  
 COLUMBIAN cotton hose—Mechanical Rubber Co., 73 Reade, New York  
 COLUMBIAN electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.  
 COLUMBIAN flag pole brackets—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 COLUMBIAN gasoline stoves—M. Schrayers Sons & Co., 917 W. 18th, Chicago, Ill.  
 COLUMBIAN hot air furnaces—Keeley Stove Co., Columbia, Pa.  
 COLUMBIAN lubricators—Nathan Mfg. Co., 416 E. 106th, New York  
 COLUMBIAN lubricators—Wm. Powell Co., Cincinnati, Ohio  
 COLUMBIAN mail cranes & store trucks—Columbian Mail Crane Co., Columbus, Ohio  
 COLUMBIAN propeller wheels—Columbian Brass Foundry, Freeport, N. Y.  
 COLUMBIAN road scrapers—Western Wheel Scraper Co., Aurora, Ill.  
 COLUMBIAN rope & twines—Columbian Rope Co., 2050 Genesee, Auburn, N. Y.



**COLUMBIAN** row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
**COLUMBIAN** water heaters—Chas. Haberling, Columbus, Ohio  
**COLUMBIAN** wood alcohol—A. L. Webb & Sons, Lombard & Hollingsworth, Baltimore, Md.  
**COLUMBIAN METHANOL** wood alcohol—Wm. S. Gray & Co., 80 Maiden la, New York  
**COLUMBUS** brass elbows & towel bars—Columbus Brass Co., Columbus, Ohio  
**COLUMBUS** canthooks, pavement cleaners & post hole diggers—Columbus Handle & Tool Co., Columbus, Ind.  
**COLUMBUS** concrete carts, concrete barrows & drag road scrapers—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
**COLUMBUS** gas furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio  
**COLUMBUS** lamp posts—O'Brien Bros., 276 W. Main, Columbus, Ohio  
**COLUMBUS** oil filters—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio  
**COLUMBUS** rafting dogs—Hayden-Corbett Chain Co., Columbus, Ohio  
**COLUMBUS** steel wogan skeins—American Skein & Foundry Co., Racine, Wis.  
**COLUMBUS** steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.  
**COLUMBUS** sugar cane mills—Southern Plow Co., Columbus, Ga.  
**COLUMBUS** wagons—A. A. Cooper Wagon & Buggy Co., Dubuque, Ia.  
**COLVIN** interchangeable hammers—Greene, Tweed & Co., 109 Duane, New York  
**COMBAT** storage batteries—Commercial Battery Co., 718 W. Jackson blvd, Chicago, Ill.  
**COMBER** waterproof belting—Geo. Rohman & Co., 31 Spruce, New York  
**COMBO** waterproofing materials—Philip Carey Mfg. Co., Lockland, Ohio  
**COMBS** foundry riddles—Great Western Mfg. Co., Leavenworth, Kans.  
**COMBUSTO** fuel economizers—Combusto Devices Corp., 250 W. 54th, New York  
**COMET** boiler gasket packing—Squires & Byrne Rubber Co., San Francisco, Cal.  
**COMET** chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.  
**COMET** feed cutters—Wilder Strong Implement Co., Monroe, Mich.  
**COMET** gas igniters—Henricks Magneto & Electric Co., Indianapolis, Ind.  
**COMET** ratchet wrenches—Chas. Miller, Syracuse, N. Y.  
**COMET** safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.  
**COMET** spark plugs—Oakes & Dow Co., 15 Chardon, Boston, Mass.  
**COMET** water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio  
**COMET** white metal—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
**COMET SPECIAL** safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.  
**COMFORT** buggy aprons—Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.  
**COMFORT** carriage robes—Auto Comfort Robe Co., Gloversville, N. Y.  
**COMFORT** electric portable fans—Shedd Electric Co., Roselle, N. J.  
**COMFORT** razors—S. R. Droescher, 79 Warren, New York  
**COMFORT** rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
**COMFORT** swings—Haggard & Marcusson Co., 1109 W. 37th, Chicago, Ill.  
**COMFORT** water closets—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
**COMINS** humidifying apparatus—American Moistening Co., 120 Franklin, Boston, Mass.  
**COMMANDER** rubber belting—B. F. Goodrich Co., Akron, Ohio  
**COMMERCIAL** annular ball bearings—Schatz Mfg. Co., Poughkeepsie, N. Y.  
**COMMERCIAL** blotting paper—Jos. Parker & Son Co., New Haven, Conn.  
**COMMERCIAL** fountain pen—Sanford & Bennett Co., 51 Maiden Lane, New York  
**COMMODORE** cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.  
**COMMON PROOF** coll chains—Columbus Chain Co., Columbus, Ohio  
**COMMON SENSE** automobile bumpers—Hoover Spring Co., 617 Turk, San Francisco, Cal.  
**COMMON SENSE** automobile wind shields—Sprague Umbrella Co., Norwalk, Ohio  
**COMMON SENSE** bench stops—Bonney Vise & Tool Works, Allentown, Pa.

**COMMON SENSE** bob sleds—B. F. & H. L. Sweet Co., Fond du Lac, Wis.  
**COMMON SENSE** boring tools—W. W. Blakely, Detroit, Mich.  
**COMMON SENSE** carriage fasteners—Carr Fastener Co., Boston, Mass.  
**COMMON SENSE** cattle stanchions—Olson Mfg. Co., Albert Lea, Minn.  
**COMMON SENSE** dumping grates—Gibson Iron Works Co., 168 1st, Jersey City, N. J.  
**COMMON SENSE** exhaust heads—Strandwitz & Scott, Camden, N. J.  
**COMMON SENSE** floor scrapers—J. A. Kuster, Plymouth, Wis.  
**COMMON SENSE** grate bars—Jas. L. Robertson & Son, 78 Murray, New York  
**COMMON SENSE** nail pullers—Warner Hammer Co., Cromwell, Conn.  
**COMMON SENSE** oil & grease cups—Michigan Lubricator Co., Detroit, Mich.  
**COMMON SENSE** paper clips—L. F. Grammes & Sons, Allentown, Pa.  
**COMMON SENSE** screw plates—A. J. Polk & Son, Millersburg, Pa.  
**COMMON SENSE** spark plugs—Splitdorf Electrical Co., 290 Halsey, Newark, N. J.  
**COMMON SENSE** time switches—Kennedy-Webster Co., 536 S. Clark, Chicago, Ill.  
**COMMON SENSE** tube scraper—Winfield H. Smith, Buffalo, N. Y.  
**COMMON SENSE** window cleaners—Osborn Mfg Co., 5401 Hamilton av, N. E., Cleveland, Ohio  
**COMMON SENSE** window cleaners—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.  
**COMMONWEALTH** farm trucks—Abingdon Wagon Co., Abingdon, Ill.  
**COMMONWEALTH** lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.  
**COMMUNICAL** flax packing—General Asbestos Rubber Co., Charleston, S. C.  
**COMO** pipe wrenches—Mechanical Specialties Co., 122 S. Michigan av, Chicago, Ill.  
**COMOS** brick paints—Durabla Mfg. Co., 114 Liberty, New York  
**COMPACT** folding cots—Hard Mfg. Co., Buffalo, N. Y.  
**COMPETITION** adjustable drag scrapers—Galion Iron Works & Mfg. Co., Galion, Ohio  
**COMPETITION** enameled blotting paper—Wrenn Paper Co., Middletown, Ohio  
**COMPETITION** pump governors—Geo. M. Davis Regulator Co., 422 Milwaukee av, Chicago, Ill.  
**COMPETITION** rubber hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.  
**COMPETITION** rubber hose—Whitehead Bros. Rubber Co., Trenton N. J.  
**COMPETITOR** babbitt metal—Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.  
**COMPLETE** laundry starch—Corn Products Refining Co., 17 Battery pl. New York  
**COMPO** board—Northwestern Compo Board Co., Minneapolis, Minn.  
**COMPO** crayons—B. M. Stewart Mfg. Co., Chattanooga, Tenn.  
**COMPO** marine paints—Amalgamated Paint Co., 371 Wayne, Jersey City, N. J.  
**COMPO-SLATE** roofing & shingles—National Roofing Material Co., Edwardsville, Ill.  
**COMPOUND** lever churns—American Wooden Ware Mfg. Co., Toledo, Ohio  
**COMPOUND** metal polish—Grady Mfg. Co., Ely av, Brooklyn, N. Y.  
**COMPROMISE** rail step joints—Q. & C. Co., 90 West, New York  
**COMPTON** button hole cutters—W. H. Compton Shear Co., 314 Camden, Newark, N. J.  
**COMRECO** platinum rivets—Commercial Research Co., Tuckahoe, N. Y.  
**COMSTOCK** air compressors—Geo. S. Comstock & Son, Mechanicsburg, Pa.  
**CONCEALED SCREW** pipe hangers—Eagle Metal Works, 127 Purchase, Boston, Mass.  
**CONCORD** carriage axles—Lee & Porter, Buchanan, Mich.  
**CONCORD** kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio  
**CONCORD** pruning shears—Smith, Seymour & Son, Oakville, Conn.  
**CONCORD** radiators—Union Radiator Co., Johnstown, Pa.  
**CONCREDO** concrete paint—Murillo Paint Co., Binghamp, N. Y.  
**CONDAC** shock absorbers—Duke Oak Lumber Co., Wellsville, N. Y.  
**CONDENSITE** impregnating compound—Condensite Co. of America, Bloomfield, N. J.  
**CONDUCT** revolving screens—Steele & Conduct, 74 Pearl, Jersey City, N. J.



CONDIT switch & transformers—Condit Electrical Mfg. Co., 1st & L, Boston, Mass.  
 CONDOR belting—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 CONDOR cement—Balfour, Guthrie & Co., San Francisco, Cal.  
 CONDULETTO porcelain waterproof sockets, receptacles—Crouse-Hinds Co., Syracuse, N. Y.  
 CONEWAGO red rope roofing—Keystone Roofing Mfg. Co., York, Pa.  
 CONGO roofing, roofing cements & roofing paints—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.  
 CONGO rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio.  
 CONGO sheet packing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.  
 CONGOITE roofing paints—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.  
 CONGOLEUM linoleum—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.  
 CONGOXIDE roofing cements—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.  
 CONGRESS belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 CONGRESS playing cards—U. S. Playing Card Co., Park av, Norwood, Cincinnati, Ohio.  
 CONGRESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 CONGS plaster boards—United Roofing & Mfg. Co., Morris bldg, Phila., Pa.  
 CONKLIN'S fountain pens—Conklin Pen Mfg. Co., Toledo, Ohio.  
 CON-KRE-KOLE brick paints—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.  
 CONNEAUT shovels—Conneaut Shovel Co., Conneaut, Ohio.  
 CONNEAUT wire bound boxes—Conneaut Can Co., Conneaut, Ohio.  
 CONNECTICUT spark coils—Connecticut Telephone & Electric Co., Meriden, Conn.  
 CONNECTICUT white lime—Palmer Lime & Cement Co., 103 Park av, New York.  
 CONNELLSVILLE coke—W. J. Rainey, 52 Vanderbilt av, New York.  
 CONNELLSVILLE coke barrows—Connellsville Iron Works, Connellsville, Pa.  
 CONNELLY water tube boilers, ladles, oil storage tanks—D. Connelly Boiler Co., Cleveland, Ohio.  
 CONNERSVILLE vacuum cleaners—United Vacuum Appliance Co., Connorsville, Ind.  
 CONN'S neck yokes—A. H. Conn Mfg. Co., Cedar Rapids, Ia.  
 CONOVER automobile bumpers—Lovell-McConnell Mfg. Co., 194 Wright, Newark, N. J.  
 CONOY padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 CONQUEROR belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 CONQUEROR paint & varnish remover—W. P. Fuller & Co., San Francisco, Cal.  
 CONQUEROR rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 CONRAD'S shingle stains & waterproofing materials—American Mfg. Co., Minneapolis, Minn.  
 CONRADSON chucking machines—Giddings & Lewis Mfg. Co., Fond du Lac, Wis.  
 CONRADSON tool posts—Phoenix Mfg. Co., Eau Claire, Wis.  
 CONSAPICO safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.  
 CON-SER-TEX canvas roofing—Wm. L. Barrell, 8 Thomas, New York.  
 CONSERVE wood preservatives—Sam'l. Cabot (Inc.), 141 Milk, Boston, Mass.  
 CON-SER-VIT car roofing—Wm. L. Barrell Co., 75 Worth, New York.  
 CONSERVO wood preservatives—Sam'l. Cabot (Inc.), Boston, Mass.  
 CONSOL incandescent gas burners—Welsbach Co., 1009 Filbert, Phila., Pa.  
 CONSOLCO sheet packing—Consolidated Packing & Supply Co., 136 Liberty, New York.  
 CONSOLIDATED safety valves—Consolidated Safety Valve Co., 119 W. 40th, New York.  
 CONSORT brass oil cups—Wm. Powell Co., Cincinnati, Ohio.  
 CONSUL belting—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio.  
 CONSULAR seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.  
 CONTEST rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 CONTINENTAL arc lamps—Helios Mfg. Co., Bridesburg, Phila., Pa.  
 CONTINENTAL cement—Continental Portland Cement Co., Syndicate Trust bldg, St. Louis, Mo.

CONTINENTAL feed water purifiers—Frost Mfg. Co., Galesburg, Ill.  
 CONTINENTAL grain headers & seeder attachments—Johnston Harvester Co., Batavia, N. Y.  
 CONTINENTAL lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.  
 CONTINENTAL lubricating oils & greases—Continental Oil Products Co., 4053 S. La Salle, Chicago, Ill.  
 CONTINENTAL packing—Colonial Supply Co., Pittsburgh, Pa.  
 CONTINENTAL packing—Continental Rubber Works, Erie, Pa.  
 CONTINENTAL packing—Wise & Bailey, 108 Walnut, Phila., Pa.  
 CONTINENTAL paste, glue, writing inks & labeling machines—Continental Mfg. Co., 330 N. 3rd, Phila., Pa.  
 CONTINENTAL steam fire engines—Ahrens-Fox Fire Engine Co., Cincinnati, Ohio.  
 CONTINENTAL window screens—Continental Co., Detroit, Mich.  
 CONTINENTAL BAKLITE specialties—Continental Fibre Co., Newark Centre, Del.  
 CONTINENTAL-ERIE motorcycle grips—Continental Rubber Works, Erie, Pa.  
 CON-TRO-LA-TOR electric railway controller regulators—Lord Mfg. Co., 105 W 40th, New York.  
 CONUS oil cups—James Anderson & Sons, Sidney, Ohio.  
 CONUS oil cups—Buckeye Churn Co., Sidney, Ohio.  
 CONVENTION packing & gum gaskets—Danubil Co., Postal Telegraph bldg, New York.  
 CONVERSE rotary screens—Lansing Co., Lansing, Mich.  
 CONVOLT Tungsten lamps—Vacuum Glass Co., Lynn, Mass.  
 COOK electric protectors—Frank B. Cook Co., 326 W. Madison, Chicago, Ill.  
 COOK milling machines—Asa S. Cook Co., Hartford, Conn.  
 COOK track levels—Gould & Jackson, Watertown, N. Y.  
 COOK tube cleaners—James A. Griffiths, 1317 But-tonwood, Phila., Pa.  
 COOK water tube boilers—McNeil Boiler Co., 96 Crozier, Akron, Ohio.  
 COOKE photographic lenses—Taylor-Hobson Co., 1133 Broadway, New York.  
 COOKEASY steel ranges—Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.  
 COOK'S auger bits—C. E. Jennings & Co., 71 Murray, New York.  
 COOK'S auger bits—Jas. Swan Co., Seymour, Conn.  
 COOK'S car ventilators—Vacuum Air Car Ventilating Co., 111 S. Jefferson, Chicago, Ill.  
 COOK'S evaporating pans—Southern Plow Co., Columbus, Ga.  
 COOK'S levels—Gould & Jackson, Watertown, N. Y.  
 COOK'S linoleum & cork carpets—Cook's Linoleum Co., Trenton, N. J.  
 COOK'S maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio.  
 COOK'S maple sugar evaporators—Blymyer Iron Works Co., Cincinnati, Ohio.  
 COOK'S metallic packing—C. Lee Cook Mfg. Co., Louisville, Ky.  
 COOK'S steel cattle guards—Eugene Cook, Kalamazoo, Mich.  
 COOK'S tube well strainers—August D. Cook, Lawrenceburg, Ind.  
 COOK'S wing dividers—Thos. F. Eagan Hardware Co., Worcester, Mass.  
 COOK'S wing dividers—Wm. Johnson, Newark, N. J.  
 COOKSON feed water heaters & purifiers—Bates Machine Co., Joliet, Ill.  
 COOKSON steam traps—D. T. Williams Valve Co., Cincinnati, Ohio.  
 COOLEY cabinet creamers—Vermont Farm Machine Co., Bellows Falls, Vt.  
 COOLEY'S pump valves—Cooley Mfg. Co., 98 Park pl, New York.  
 COON pipe joint cements—Hinds & Coon, 126 Pearl, Boston, Mass.  
 COONEY automatic sewage ejectors—Ansonia Mfg. Co., 30 Church, New York.  
 COOPER farm wagons—A. A. Cooper Wagon & Buggy Co., Dubuque, Ia.  
 COOPER hose menders—Cooper Hose Mender Co., Providence, R. I.  
 COOPER trace carriers—Frazer & Jones Co., Syracuse, N. Y.  
 COOPER trace carriers—North & Judd Mfg. Co., New Britain, Conn.  
 COOPER-HEWITT quartz lamps—Cooper Hewitt Electric Co., 8th & Grand, Hoboken, N. J.



- COOPER-HEWITT rectifiers—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.
- COOSA cement—Coosa Portland Cement Co., Phila., Pa.
- COPELAND'S calipers & dividers—Thos. F. Eagan Hardware Co., Worcester, Mass.
- COPEMAN electric stoves—Copeman Electric Stove Co., Flint, Mich.
- COPE'S conduit threading machines, wiring rods, & cable racks—T. J. Cope, 3246 N. 15th, Phila., Pa.
- COPE'S feed water regulators & pump governors—Erie Pump & Equipment Co., Erie, Pa.
- COPLEY SENIOR carbon brushes—United States Carbon Co., 212 E. 37th, New York
- COPPER ALLOY babbitt metal—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
- COPPER HEAD spark plugs—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.
- COPPER QUEEN belting—Bowers Rubber Works, San Francisco, Cal.
- COPPER'S damper regulators—Coppers Equipment & Engineering Co., Worcester, Mass.
- COPPUS steam turbines & turbo blowers—Coppus Equipment & Engineering Co., Worcester, Mass.
- CORA glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.
- CORALLINE boiler compounds—Coralline Drug & Chemical Co., 465 Greenwich, New York
- CORBIN-BROWN speedometers—Corbin Screw Corp., New Britain, Conn.
- CORBIN DUPLEX coaster brakes—Corbin Screw Corporation, New Britain, Conn.
- CORCO fire pail tanks—Wheeling Corrugating Co., Wheeling, W. Va.
- CORCORAN lead pipe couplings—Allyne Brass Foundry Co., Detroit, Mich.
- CORDURGY bond paper—W. B. Oglesby Paper Co., Middletown, Ohio
- CORE ore samplers—Denver Fire Clay Co., Denver, Colo.
- COREOLEUM core compounds—James S. Bent, 117 First, South Boston, Mass.
- COREY fire hydrants—Rensselaer Valve Co., Troy, N. Y.
- CORKER cultivators—Racine-Sattley Co., Springfield, Ill.
- CORKOLINE cork carpet—Scott & West Co., 9 E. 40th, New York
- CORLISS belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
- CORLISS cutting & drilling compounds, metal polish & wire rope coating—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.
- CORLISS engine stops—Consolidated Engine Stop Co., 511 W. 42d, New York
- CORMLEY & FILS embroidering machines—O. J. Alstrom, 711 Broadway, New York
- CORN BELT corn & cob mills & feed grinding mills—Spartan Mfg. Co., Pontiac, Ill.
- CORN BELT tractors—Corn Belt Tractor Co., 2701 University av S. E., Minneapolis, Minn.
- CORNELL asphalt roofing—Driscoll Bros. & Co., Ithaca, N. Y.
- CORNELL cocks & bibbs—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
- CORNELL cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
- CORN KING corn planters—Avery Co., Peoria, Ill.
- CORN KING grain graders—Martin Co., Sac City, Ia.
- CORN QUEEN steel corn planters—Avery Co., Peoria, Ill.
- CORONA carbon paper & typewriter ribbons—Corona Supply Co., Rochester, N. Y.
- CORONA enameled roasters—American Stamping & Enameling Co., Bellaire, Ohio
- CORONA packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- CORONA plumbago—Smith Facing & Supply Co., Columbia bldg, Cleveland, Ohio
- CORONA DRY arsenate of lead—Corona Chemical Co., Milwaukee, Wis.
- CORONET aluminum hollow ware—Geo. Borgfeldt & Co., 16th & Irving pl, New York
- CORPORATION paints—National Roofing Co., Tonawanda, N. Y.
- CORRECT tube cleaners—Michigan Lubricator Co., Detroit, Mich.
- CORR-PLATE sanitary flooring—Corrugated Bar Co., Buffalo, N. Y.
- CORSAIR engine lubricators—Wm. Powell Co., Cincinnati, Ohio
- CORTLAND window screen wire cloth—Wickwire Bros., Cortland, N. Y.
- CORUNDUM brick paints—Adams & Elting Co., 722 W. Washington, Chicago, Ill.
- CORYDON farm wagons—Keller Mfg. Co., Corydon, Ind.
- COSMIC rust preventives—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
- COSMO time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.
- COSMOLUBRIC lubricating oils & greases—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
- COSMOS egg & cream beaters—Novelty Mfg. Co., Waterbury, Conn.
- COSMOS glass tile—Opalite Tile Co., Monaca, Pa.
- COSMOS rust proof paints—Durabla Mfg. Co., 114 Liberty, New York
- COSPER brake handles—Lord Electric Co., 105 W. 40th, New York
- COSTA druggists' rubber goods—Myers Mfg. Co., Fremont, Ohio
- COSTMETER—Costmeter Company, 295 Franklin, Boston, Mass.
- COSTON line throwing guns—Coston Signal Co., 24 Water, New York
- COTENAMEL wire—Belden Mfg. Co., 2300 S. Western av, Chicago, Ill.
- COTTA-A-LAP burlap—Cotta-a-Lap Co., Somerville, N. J.
- COTTAGE cinder shovels—Lalance & Grosjean Mfg. Co., 299 Broadway, New York
- COTTAGE steam heaters—H. B. Smith Co., Westfield, Mass.
- COTTAGE HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.
- COTTER'S engine valves—Handlan-Buck Mfg. Co., 14 W. 3rd, St. Louis, Mo.
- COTTON fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- COTTON BLOOM cultivators—S. R. White's Sons, Norfolk, Va.
- COTTONITE Magnet Wire—Acme Wire Co., New Haven, Conn.
- COTTON KING cultivators—S. R. White's Sons, Norfolk, Va.
- COTTON KING typewriter ribbons—Pen-Carbon Manifold Co., New Brunswick, N. J.
- COTTON PRINCE cotton planters—Avery Co., Peoria, Ill.
- COTTON PRINCESS cotton planters—Avery Co., Peoria, Ill.
- COTTON WOOD stoves—Pittston Stove Co., Pittston, Pa.
- COULTER nut tapping machines—Automatic Machine Co., Bridgeport, Conn.
- COULTER track wrenches—Crerar, Adams & Co., 259 E. Erie, Chicago, Ill.
- COULTER-PAXTON railway track drills—Adams Crerar & Co., 259 E. Erie, Chicago, Ill.
- COUNTY seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
- COUSE sight feed lubricators—Eastwood Wire Mfg. Co., Belleville, N. J.
- COVERS goggles & eye protectors—H. S. Cover, South Bend, Ind.
- COVERT fireplace dampers—H. W. Covert Co., 71 Murray, New York
- COVERT'S jacks & harness snaps—Covert Mfg. Co., Troy, N. Y.
- COVEY riding attachments—Walker Mfg. Co., Council Bluffs, Ia.
- COWAN hose couplings—Elkhart Brass Mfg. Co., Elkhart, Ind.
- COWBOY cement—Western States Portland Cement Co.
- COW BOY tank heaters—Mills Mfg. Co., Mendota, Ill.
- COW COMFORT cattle stanchions—Foster Steel Stanchion Co., Rochester, N. Y.
- COWELL'S spring hinges—Barlow Foundry Co., 551 R. R. av, Newark, N. J.
- COWEN rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- COXE anthracite mechanical stokers—Combustion Engineering Corp., 11 Broadway, New York
- CO-Z barrel cleats—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
- COZY electric toasters—Phelps Mfg. Co., Detroit, Mich.
- CRACKER JACK belt dressing—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.
- CRACKER JACK nail hammers—Franklin Brass Foundry Co., Reading, Pa.
- CRACKER JACK packing—H. Johnson Co., ft Gates av, Jersey City, N. J.
- CRACKER JACK stoves—Birmingham Stove & Range Co., Birmingham, Ala.
- CRACKER JACK tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
- CRACKER JACK wire straightening & cutting machines—Franklin Mfg. Co., New Haven, Conn.
- CRACKPROOF rubber hose—Bowers Rubber Works, San Francisco, Cal.
- CRADLE automobile trunk racks—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.



CRAFT adjustable wrenches—Craftsman Tool Co., Conneaut, Ohio  
 CRAIG automatic swing basin faucets—David Craig, 70 Broad, Boston, Mass.  
 CRAIG gas engines—White Mfg. Co., 556 W. 34th, New York  
 CRAIG steam heaters—Burley Heater Co., Tyrone, Pa.  
 CRAIG steam heaters—Williamsport Radiator Co., Williamsport, Pa.  
 CRAIN universal wood working machines—Buffalo Forge Co., Buffalo, N. Y.  
 CRAM pile drivers, hammers—A. F. Bartlett & Co., Saginaw, Mich.  
 CRAMER air cooling & purifying apparatus—Stuart W. Cramer, Charlotte, N. C.  
 CRAMP bronze metal bearings—Wm. Cramp & Sons, Ship & Engine Bldg. Co., Beach & Ball, Phila., Pa.  
 CRANDALL foundry cupolas—Detroit Foundry Supply Co., Detroit, Mich.  
 CRANE automobile wheel pullers—Crane Puller Co., Arlington, Mass.  
 CRANE guard rail clamps—P. & M. Co., 80 E. Jackson blvd, Chicago, Ill.  
 CRANE manicure sets—Max Klaas, 298 Broadway, New York  
 CRANE pipe joint cements—Crane Co., 836 S. Michigan av., Chicago, Ill.  
 CRANE razors—Max Klass, 298 Broadway, New York  
 CRANE shears & scissors—Max Klaas, 298 Broadway, New York  
 CRANE typewriter paper—Eaton, Crane & Pike Co., Pittsfield, Mass.  
 CRANE'S toasters—Wm. M. Crane Co., 16 W. 32nd, New York  
 CRANITE packing—Crane & Co., 836 S. Michigan av., Chicago, Ill.  
 CRANK padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 CRANSON grain separators—Huntley Mfg. Co., Silver Creek, N. Y.  
 CRARY'S rain water cut-offs—Conductor Fitting Co., Marietta, Ohio  
 CRATER hot air furnaces—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.  
 CRAVEN ore concentrators—Union Iron Works Co., 311 California, San Francisco, Cal.  
 CRAVENETTE front brick—Standard Brick Co., Macon, Ga.  
 CRAVENETTE mackintoshes, rain coats—Stoughton Rubber Co., 130 Essex, Boston, Mass.  
 CRAVENETTED mackinaws—Bird, Jones & Kenyon, Utica, N. Y.  
 CRAVER concrete reinforcing materials—Hunkins-Willis Lime & Cement Co., Century bldg, St. Louis, Mo.  
 CRAWFORD combination pipe vices—Joseph H. Young Co., 82 High, Boston, Mass.  
 CRAWFORD curd extractors—Empire Laundry Machinery Co., 352 Western av, Boston, Mass.  
 CRAWFORD enameling ovens & fuel gas burners—Oven Equipment & Mfg. Co., New Haven, Conn.  
 CRAWFORD gas governors & pressure regulators—Equitable Meter Co., 439 Water, Pittsburgh, Pa.  
 CRAWFORD gas ranges, hot air furnaces, steam & hot water heaters—Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.  
 CREAGHEAD trolley line materials—Creaghead Engineering Co., 340 Main, Cincinnati, Ohio  
 CREAM CITY accident preventers for machinery, ash & garbage cans, electric welding machines, oil cans, sink strainers—Geuder, Paeschke & Frey Co., Milwaukee, Wis.  
 CREASEL pea & wheat threshers—Cardwell Mach. Co., 1900 E. C. y. Richmond, Va.  
 CRECO brake beams, brake jaws, brake slack adjusters, journal boxes, side bearings—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.  
 CREEPING GRIP gasoline traction engines—Bullock Tractor Co., Chicago, Ill.  
 CREO-DIPT stained shingles—Standard Stained Shingle Co., North Tonawanda, N. Y.  
 CREOFECTANT disinfectants—Standard Chemical Co., Houston, Tex.  
 CREOLA sheep dips—Van Tilberg Oil Co., 2424 University av S. E., Minneapolis, Minn.  
 CREOLE marble—Georgia Marble Co., Tate, Ga.  
 CREOLE packing—Pennsylvania Rubber Co., Jeanette, Pa.  
 CREOLEUM disinfectants—H. C. Dusenberry (Inc.), 95 Gold, New York  
 CREOLITE teredo-proof paints—Arlington Mfg. Co., Canton, Ohio  
 CREO-RESINATE wood paving blocks—United States Wood Preserving Co., 165 Broadway, New York

CREOSANTHOL disinfectants—Brewer & Co., Worcester, Mass.  
 CREOSEPTINE wood preservatives—American Mfg. Co., Minneapolis, Minn.  
 CREPACO creamery testers—Creamery Package Co., 61 W. Kinzie, Chicago, Ill.  
 CRESCENDO electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York  
 CRESCENT acetylene gas burners—Crescent Burner Mfg. Co., 380 2nd av, New York  
 CRESCENT automatic float valves—Phelps Bros. Co., 25 Cliff, New York  
 CRESCENT babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.  
 CRESCENT ball cocks & galvanized iron range boilers—Cahill, Swift Mfg. Co., 20 S. 12th, St. Louis, Mo.  
 CRESCENT basin clamps—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.  
 CRESCENT basin clamps—Trenton Brass & Machine Co., Trenton, N. J.  
 CRESCENT belt fasteners—Crescent Belt Fastener Co., 381 4th av, New York  
 CRESCENT belt knives—American Tool & Machine Co., 10 High, Boston, Mass.  
 CRESCENT boat anchors & bilge pumps—C. D. Durkee & Co., 3 South, New York  
 CRESCENT brazing solder—North American Smelting Co., 9th & Thompson, Phila., Pa.  
 CRESCENT can openers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 CRESCENT cement—Crescent Portland Cement Co., Wampum, Pa.  
 CRESCENT chemical thermometers & oven thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.  
 CRESCENT closet seats—C. F. Church Mfg. Co., Holyoke, Mass.  
 CRESCENT coat & hat hooks—E. Jencks Mfg. Co., Worcester, Mass.  
 CRESCENT coffee mills—Crescent Mfg. Co., Louisville, Ky.  
 CRESCENT concrete mixers—Raber & Lang Mfg. Co., Kendallville, Ind.  
 CRESCENT concrete rollers—Crescent Novelty Mfg. Co., 703 S. Broadway, St. Louis, Mo.  
 CRESCENT cork insulation—United Cork Co., 50 Church, New York  
 CRESCENT corn planting drills—Racine-Sattley Co., Springfield, Ill.  
 CRESCENT dish washing machines—Bromley Merseles Mfg. Co., 215 W. Superior, Chicago, Ill.  
 CRESCENT door hangers—Richey, Browne & Donald, Maspeth, Borough of Queens, New York City  
 CRESCENT electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York  
 CRESCENT electric ceiling fans—National Electric Supply Co., 1330 N. Y. av, Washington, D. C.  
 CRESCENT emery wheel dressers—Curtin-Hebert Co., Gloversville, N. Y.  
 CRESCENT expansion bolts—F. H. Evans, 31 Hewes, Brooklyn, N. Y.  
 CRESCENT farm wagons—Mandt Wagon Co., Stoughton, Wis.  
 CRESCENT feed carriers—Jos. Dick Mfg. Co., Canton, Ohio  
 CRESCENT fuel oil engines—Sam'l L. Moore & Sons, Elizabeth, N. J.  
 CRESCENT ground cross-cut saws—Simonds Mfg. Co., Fitchburg, Mass.  
 CRESCENT hoes—American Fork & Hoe Co., Cleveland, Ohio.  
 CRESCENT hose reels—Cardington Cabinet Co., Cardington, Ohio  
 CRESCENT incandescent lamp coloring—McGill Mfg. Co., Valparaiso, Ind.  
 CRESCENT incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.  
 CRESCENT insulating compounds—McGill Mfg. Co., Valparaiso, Ind.  
 CRESCENT ironing boards—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.  
 CRESCENT lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.  
 CRESCENT lamp guards—McGill Mfg. Co., Valparaiso, Ind.  
 CRESCENT lubricators—American Lubricator Co., Detroit, Mich.  
 CRESCENT lubricators & valves—Wm. Powell Co., Cincinnati, Ohio.  
 CRESCENT lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.  
 CRESCENT metal lath, open hearth steel sheets & oil cans—Whitaker-Glessner Co., Wheeling, W. Va.  
 CRESCENT metal polish—Colgan Mfg. & Supply Co., 118 Maiden la, New York



- CRESCENT metals—North American Smelting Co., 9th & Thompson, Phila., Pa.
- CRESCENT molds for drain tile—Raber & Lang Mfg. Co., Kendallville, Ind.
- CRESCENT packing—Greene, Tweed & Co., 109 Duane, New York
- CRESCENT patternmakers' fillet—Wellman Pattern Supply Co., Cleveland, Ohio
- CRESCENT paving tools—Crescent Novelty Mfg. Co., 703 S. Broadway, St. Louis, Mo.
- CRESCENT phosphor bronze, phosphor copper & phosphor tin—Crescent Phosphorized Metal Co., 2314 Wood, Phila., Pa.
- CRESCENT polishing machines—J. C. Born & Bro., Belleville, Ill.
- CRESCENT propeller wheels—Duluth Gas Engine Works, Duluth, Minn.
- CRESCENT ring lawn sprinklers—Central Brass & Stamping Co., Peoria, Ill.
- CRESCENT sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
- CRESCENT safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- CRESCENT saw sharpeners—Riverside Machine Works, Kokomo, Ind.
- CRESCENT shade cloth—Columbia Shade Cloth Co., 225 5th av, New York
- CRESCENT sheet packing—Boston Belting Co., 84 Linden Park, Boston, Mass.
- CRESCENT soldering flux—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
- CRESCENT steam heaters—Gibby Foundry Co., 96 Condor, E. B., Boston, Mass.
- CRESCENT steam meters, steam traps & expansion joints, telephone meters or registers—W. H. Pearce & Co., 333 S. Dearborn, Chicago, Ill.
- CRESCENT stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
- CRESCENT time switches—McGill Mfg. Co., Valparaiso, Ind.
- CRESCENT toggle bolts—McGill Mfg. Co., Valparaiso, Ind.
- CRESCENT tool grinders—J. C. Born & Bro., Belleville, Ill.
- CRESCENT valves—Powell, Wm. Co., Cincinnati, O.
- CRESCENT ventilators—Friedley-Voshardt Co. (Inc.), 733 S. Halsted, Chicago, Ill.
- CRESCENT welding compounds—Anti-Borax Compound Co., Fort Wayne, Ind.
- CRESCENT wrenches, pliers & nippers—Crescent Tool Co., Jamestown, N. Y.
- CRESCENT COLONEL golf balls—St. Mungo Mfg. Co., 81 Mt. Prospect av, Newark, N. J.
- CRESCENT X X buffing compositions—S. A. Day Mfg. Co., 1485 Niagara, Buffalo, N. Y.
- CRESONOL disinfectants—Brewer & Co., Worcester, Mass.
- CRESSEY ice breakers—Harrison Safety Boiler Works, 3147 N. 17th, Phila., Pa.
- CREST disinfectants—Crest Chemical Co., Seattle, Wash.
- CREST light crayons—Standard Crayon Mfg. Co., Danvers, Mass.
- CRESTLAWN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- CRESTLINE barrel spray pumps, hydraulic rams—Crestline Mfg. Co., Crestline, Ohio
- CRESY-POLE sheep dips—Peerless Stock Powder Co., Falls City, Nebr.
- CREX grass matting—Crex Carpet Co., 1134 Broadway, New York
- CRICKET sawing machines—Millers Falls Co., 28 Warren, New York
- CRICKET scroll saws—Millers Falls Co., 28 Warren, New York
- CRIPPS steam heaters—W. A. Birdsall & Co., 44 Mechanic, Newark, N. J.
- CRISPIN air valves—United States Metal & Mfg. Co., 165 Broadway, New York
- CRISS-CROSS tube cleaners & gun cleaner tools—Worcester Brush & Scraper Co., Worcester, Mass.
- CRITCHLEY IMPROVED expansion reamers—Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.
- CRITCHLEY'S card clothing—Leigh & Butler, 232 Summer, Boston, Mass.
- CRITCHLEY'S expansion reamers—Chadwick & Trefethen, Portsmouth, N. H.
- CRITERION belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
- CRITERION rubber bottles—Tyler Rubber Co., Andover, Mass.
- CRITICS farriers' hammers—Champion Tool Co., Meadville, Pa.
- CROCODILE pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
- CROFTSTEIN metal polish—H. W. Mills & Co., Paterson, N. J.
- CRONE fuel gas burners—Crone F. G., 334 Genesee, Buffalo, N. Y.
- CRONE valve resisting tools—Rub-On-Mfg. Co., 218 Niagara, Buffalo, N. Y.
- CRONK'S pliers, cultivator hoes, garden rakes—Cronk & Carrier Mfg. Co., Elmira, N. Y.
- CROPP concrete mixers—A. J. Cropp & Co., 1840 Carroll av, Chicago, Ill.
- CROSBY guy clamps & wire rope clips—American Hoist & Derrick Co., St. Paul, Minn.
- CROSBY wire rope clips—Wilcox, Crittenden Co., Middletown, Conn.
- CROSBY wire rope clips—Wright Wire Co., Worcester, Mass.
- CROSS elevator doors—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
- CROSS insulated staples—Jas. Goldmark Co., 81 Warren, New York
- CROSS oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio
- CROSS CUT toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
- CROTHER'S plow coulters—Sparta Plow Works, Sparta, Ill.
- CROW sheet packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
- CROWDER automatic fire sprinklers—U. S. Automatic Sprinkler Co., 1392 Lexington av, New York
- CROWE shoe nailing machines—Specialty Shoe Mach'y Co., St. Joseph, Mo.
- CROWELL blowers, air compressors, air pumps—Crowell Mfg. Co., 296 Taffe pl, Brooklyn, N. Y.
- CROWELL insulating tape—Carter, Rice & Co., 246 Devonshire, Boston, Mass.
- CROWN anvils—Stauffer, Eshleman & Co., New Orleans, La.
- CROWN asbestos cements & roofing paints—W. H. Colebrooks Sons, Syracuse, N. Y.
- CROWN belt lacing—Henry K. Barnes Co., 234 Devonshire av, Boston, Mass.
- CROWN belting & belt dressing—Page Belting Co., Concord, N. H.
- CROWN boat oars—Aymer De Grauw & Co., 34 South, New York
- CROWN bone mills—Wilson Bros., Easton, Pa.
- CROWN brass rivets & tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.
- CROWN cake turners, stove lid lifters, potato mashers—Hamblin & Russell Mfg. Co., Worcester, Mass.
- CROWN canvas stitched belting—Peerless Rubber Mfg. Co., 31 Warren, New York
- CROWN car truck & body bolsters—Gould Coupler Co., 30 W. 42nd, New York
- CROWN carbon paper & typewriter ribbons—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
- CROWN chair seats—Blair Veneer Co., North Troy, Vt.
- CROWN Christmas tree holders, ice chippers, ice cream freezers, fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
- CROWN coffee mills, faucet filters, lawn sprinklers, lemon squeezers, raisin seeders—Landers, Frary & Clark, New Britain, Conn.
- CROWN combination metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- CROWN electric toasters—R. M. Millar Electric Works, 9 S. Clinton, Chicago, Ill.
- CROWN emery wheel dressers, tool grinders, saw gummers, & saw sharpeners—Clizbe Bros. Mfg. Co., Plymouth, Ind.
- CROWN English glue—American Glue Co., 121 Beverly, Boston, Mass.
- CROWN force pumps—Blymyer Iron Works Co., Spring Grove av & Terrace pl, Cincinnati, Ohio
- CROWN glass insulators—Brookfield Glass Co., 2 Recto, New York
- CROWN hammock—Weston & Wells Mfg. Co., 10th & Diamond, Phila., Pa.
- CROWN hand vacuum cleaners—Gray Iron Foundry Co., Reading, Pa.
- CROWN harness snaps—Covert Saddlery Works, Interlaken, N. Y.
- CROWN harness tools, shoemakers' tools, tanners' tools, tanners' tools—Wm. H. Horn & Bros., 431 N. 3rd, Phila., Pa.
- CROWN horse nails—Fowler Nail Co., Seymour, Conn.
- CROWN hot air furnaces—March-Brownback Stove Co., Pottstown, Pa.
- CROWN jewel cotton batting—Rock River Cotton Co., Janesville, Wis.
- CROWN log loading hooks—Clyde Iron Works, Duluth, Minn.
- CROWN metals—North American Smelting Co., 9th & Thompson, Phila., Pa.
- CROWN motor cycles—Great Western Mfg. Co., La Porte, Ind.
- CROWN nail pullers—Snow & Petrelli Mfg. Co., New Haven, Conn.



- CROWN oil cups, lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- CROWN packing—Strong Machinery & Supply Co., 21 Walker, New York
- CROWN packing & hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
- CROWN paint & varnish remover—Bradley & Vrooman Co., 2632 S. Dearborn, Chicago, Ill.
- CROWN pipe cutter wheels, pipe cutters, pipe vises, solid dies & stocks & dies—Crown Die & Tool Co., 555 W. Monroe, Chicago, Ill.
- CROWN pneumatic hammers & sand rammers—Ingersoll-Rand Co., 11 Broadway, New York
- CROWN pneumatic tires—Great Eastern Rubber Co., Allentown, Pa.
- CROWN pump rods—Bridgeport Brass Co., Bridgeport, Conn.
- CROWN push buttons, telephones & apparatus—Bilton Machine Tool Co., Bridgeport, Conn.
- CROWN rail bonds—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- CROWN sanitary flooring—Robt. A. Keasbey Co., 100 N. Moore, New York
- CROWN shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York
- CROWN soap powder—Hunnell Soap Co., 312 Gene-see, Cincinnati, Ohio
- CROWN stoves—King Stove & Range Co., Sheffield, Ala.
- CROWN switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- CROWN telephones & apparatus—Standard Mfg. Co., Bridgeport, Conn.
- CROWN upholsterers' tacks—G. G. Roberts, Whitman, Mass.
- CROWN ventilators—Crown Ventilator Co., Milwaukee, Wis.
- CROWN well buckets—Richmond Cedar Works, Richmond, Va.
- CROWN woven wire fences—Interlocking Fence Co., Morton, Ill.
- CROWN ROLLER skates—M. Gropper & Sons, 36 Union sq, New York
- CRUMBIE pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
- CRUMBLE tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
- CRUM'S poultry fountains—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
- CRUSADER fly traps—Burgess-Norton Mfg. Co., Geneva, Ill.
- CRUSOE chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- CRYER vacuum heating—Cryer Return Line System Co., 949 Broadway, New York
- CRYSOLITE paints for coating—Semot-Solvay Co., Syracuse, N. Y.
- CRYSTAL carbon paper & typewriter ribbons—J. A. Heale & Co., 96 John, New York
- CRYSTAL coffee mills—Arcade Mfg. Co., Freeport, Ill.
- CRYSTAL ice cream freezers—Cardington Cabinet Co., Cardington, Ohio
- CRYSTAL insulating varnishes—Chicago Mica Co., Valparaiso, Ind.
- CRYSTAL rock wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.
- CRYSTAL stream sanitary drinking fountains—J. L. Mott Iron Works, 118 5th av, New York
- CRYSTALLIZED oil—Arthur B. Edmands Co., Pawtucket, R. I.
- CRYSTOX abrasive discs—Chas. H. Besly & Co., 120 Clinton, Chicago, Ill.
- CUB gasoline traction engines—Wallis Tractor Co., Racine, Wis.
- CUB road scrapers—drag—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
- CUBANEL asphalt & asphalt fillers—International Asphalt Co., 133 W. Washington, Chicago, Ill.
- CUBIT automobile horns—Nonpareil Horn Mfg. Co., 73 Wooster, New York
- CUCKOO church bells—Mossberg, Frank Co., Attleboro, Mass.
- CULVER hot air furnaces—M. A. Green & Co., Bridgeport, Conn.
- CUMMING'S feed cutters—Ann Arbor Machine Co., Ann Arbor, Mich.
- CUMMINGS concrete reinforcing materials—Electric Welding Co., Benedum Trees bldg, Pittsburgh, Pa.
- CUMMINGS handcuffs and twisters—Geo. D. Barnard & Co., Laclede & Vandeventer, St. Louis, Mo.
- CUMMINGS hay presses—Southern Plow Co., Columbus, Ga.
- CUNNINGHAM coating paints—Maryland Steel Co., Morris bldg, Phila., Pa.
- CUNNINGHAM saw vises & rift flooring machines—Filer & Stowell Co., Milwaukee, Wis.
- CUPID sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- CUPPLES steam shovel teeth—Cupples Adjustable Tooth Co., Tyrone, Pa.
- CURBO safety razors—Unsinger Razor Blade Co., Fremont, Ohio
- CURFEW padlocks—Slaymaker Lock Co., Lancaster, Pa.
- CURI-CURL embossed blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
- CURRY automobile belts, polishing belts, fabric harness—J. W. Curry Co., 2615 Cummins, Cincinnati, Ohio
- CURRY bay tyers—J. P. Curry Mfg. Co., 110 E. 23rd, New York
- CURTAIN ball cocks—Appleton Brass Works, 3 Appleton, Boston, Mass.
- CURTIS damper regulators, steam pressure regulators, steam separators, steam traps, thermostats—Julian d'Estes Co., 24 Canal, Boston, Mass.
- CURTIS horse collar pads—Curtis-Dexter Co., Madison, Wis.
- CURTIS invalid chairs—Ford & Johnson Co., 1435 Wabash av, Chicago, Ill.
- CURTIS locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
- CURTIS log jacks, pneumatic cranes, hose couplings, saw arbors—Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
- CURTIS rotary pumps & presses—Pittsburgh Machine Tool Co., Corey, Pittsburgh, Pa.
- CURTIS steam turbines—Fore River Shipbuilding Corp., Quincy, Mass.
- CURTIS steam turbines—General Electric Co., Schenectady, N. Y.
- CUSHING stage & receptacle plugs—Condit Electrical Mfg. Co., 283 Franklin, Boston, Mass.
- CUSHMAN electric motors, countershafts, transformers, variable speed motors—Cushman Electric Co., Concord, N. H.
- CUSTER hand power punch & shear combined—W. F. Custer & Sons, Summitville, Ind.
- CUSTER ratchet wrenches—Custer Coupling Co., Bradford, Pa.
- CUT EASY corn hooks—American Fork & Hoe Co., Cleveland, Ohio
- CUT FINE alfalfa cutters—Silver Mfg. Co., Salem, Ohio
- CUTE stoves—Pittston Stove Co., Pittston, Pa.
- CUTLER lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- CUTLER'S steel stamps—Gowanda Agricultural Works, Gowanda, N. Y.
- CUT-ME-OFF plumbers' rubber elbows—Glauber Brass Mfg. Co., Cleveland, Ohio
- CUTTER'S arc lamp pulleys, insulators, mast arms—Geo. Cutter Co., Notre Dame & Division, South Bend, Ind.
- CUTTYHUNK fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
- CYCLE belting—B. F. Goodrich Rubber Co., 1925 Michigan av, Chicago, Ill.
- CYCLE flour sieves—National Mfg. Co., Worcester, Mass.
- CYCLE grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.
- CYCO paint & whitewash spraying machines—Muralo Company, Rich. Ter. New Brighton, Borough of Richmond, N. Y.
- CYCLONE blow-off valves—Wm. Powell Co., Cincinnati, Ohio
- CYCLONE boiler flue & tube cleaners—Elliott Co., Pittsburgh, Pa.
- CYCLONE boiler flue & tube cleaners—Liberty Mfg. Co., Pittsburgh, Pa.
- CYCLONE bottle stoppers—Bernardin Bottle Cap Co., Evansville, Ind.
- CYCLONE carbonizers—Phila. Textile Machinery Co., Hancock cor. Somerset, Phila., Pa.
- CYCLONE carpet beaters—A. H. Conn, Cedar Rapids, Ia.
- CYCLONE carpet beaters—Hutchins-Kilbourne Co., Buffalo, N. Y.
- CYCLONE chain hoists—Chisholm-Moore Mfg. Co., 49th to 53rd & Lake, Cleveland, Ohio
- CYCLONE clod crushers—Ohio Cultivator Co., Bellevue, Ohio
- CYCLONE cloth dryers & yarn dryers—Phila. Textile Mach. Co., Hancock & Somerset, Phila., Pa.
- CYCLONE corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
- CYCLONE corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
- CYCLONE door hangers—Lawrence Bros., Sterling, Ill.
- CYCLONE egg & cream beaters—W. G. Browne Mfg. Co., Kingston, N. Y.



CYCLONE electric disc fans—American Blower Co., 1412 Russell, Detroit, Mich.  
 CYCLONE electric drink mixers, fans & shoe dryers—Hamilton Beach Mfg. Co., Racine, Wis.  
 CYCLONE exhaust heads—Wright Mfg. Co., Detroit, Mich.  
 CYCLONE grain separators & smut treader—Fosston Mfg. Co., St. Paul, Minn.  
 CYCLONE insect guns—Thos. W. Houchin Co., 38 E. 21st, New York  
 CYCLONE lubricating oils & greases—Tropical Paint & Oil Co., 1224 W. 70th, Cleveland, Ohio  
 CYCLONE lubricators—Michigan Lubricator Co., Detroit, Mich.  
 CYCLONE mechanical dust collectors—Cyclone Blow Pipe Co., 2552 W. 21st, Chicago, Ill.  
 CYCLONE mechanical dust collectors—Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.  
 CYCLONE mechanical dust collectors—Knickerbocker Co., Jackson, Mich.  
 CYCLONE rat traps—Lovell Mfg. Co., Erie, Pa.  
 CYCLONE roller & pulverizer combined—Duisdieker Foundry & Mfg. Co., Pekin, Ill.  
 CYCLONE seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.  
 CYCLONE seeders & sowers—Cyclone Seeder Co., Urbana, Ind.  
 CYCLONE seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.  
 CYCLONE shaking grates—Cyclone Grate Bar Co., 9 Grimes, Buffalo, N. Y.  
 CYCLONE silo fillers—Ironwood Mfg. Co., Bellefontaine, Ohio  
 CYCLONE snow shovels—F. E. Kohler Co., Canton, Ohio  
 CYCLONE spray pumps & tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 CYCLONE spring shellers—Marseilles Co., E. Moline, Ill.  
 CYCLONE stalk cutters—B. F. Avery & Sons, Louisville, Ky.  
 CYCLONE steam flue cleaners—Crescent Mfg. Co., Cleveland, Ohio  
 CYCLONE steam flue cleaners—Liberty Mfg. Co., Pittsburgh, Pa.  
 CYCLONE tile ditching machines—Jeschke Mfg. Co., Bellevue, Ohio  
 CYCLONE tool emery grinders—Duisdieker Foundry & Mfg. Co., Pekin, Ill.  
 CYCLONE tool emery grinders—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 CYCLONE vacuum cleaners—Clycone Mfg. Co., Bradford, Pa.  
 CYCLONE water closet ventilators—Sanitary Appliance Co., Neenah, Wis.  
 CYCLONE wool dryers—Philadelphia Drying Machinery Co., Hancock & Somers, Phila., Pa.  
 CYCLONE woven wire fences, wire stretchers, fence ratchets & farm gates—Cyclone Fence Co., Waukegan, Ill.  
 CYCLONE JR. contractors' plows—Jeschke Mfg. Co., Bellevue, Ohio  
 CYGNET automobile horns & phonograph horns—Standard Metal Mfg. Co., 237 Chestnut, Newark, N. J.  
 CYKO photographic paper—Anso Co., Binghamton, N. Y.  
 CYNIO gas & gasoline hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 CYPRUS babbitt metal—Brady Brass Co., 170 14th, Jersey City, N. J.  
 CZAR drill chucks—Union Mfg. Co., New Britain, Conn.  
 CZAR spark plugs—Czar Ignition Co., 531 Ellicott, Buffalo, N. Y.

D. cotton twine—Estes Mills, Fall River, Mass.  
 D wood handles—Dayton D Handle Co., Dayton, Ohio  
 D wood handles—T. J. Ely Mfg. Co., Erie, Pa.  
 D. B. G. crane chains—Bradlee & Co., 726 Richmond, Phila., Pa.  
 D. B. M. pipe locators—Modern Iron Works, Quincy, Ill.  
 D. C. bath fittings—D. C. Mfg. Co., Canton, Ohio  
 D-C flushing valves—Decoco Co., 157 High, Boston, Mass.  
 D. H. R. brick paints—Denny Hilborn & Rosenbach, 230 N. 12th, Phila., Pa.  
 D-P screw presses—David H. Pruyn Co., Hyde Park, Mass.  
 D. R. BOSTON picks, mattocks & grub hoes—Mack & Co., Rochester, N. Y.  
 D. R. P. brick paints—M. Feigel & Bro., 185 Wooster, New York  
 D. S. lock-nuts & washers—Dieter Nut Co., 80 Maiden lane, New York

D. V. seamless candy & paper pails—Dunning-Varney Corp., 99 Warren, New York  
 D. V. wagon skeins—American Skein & Foundry Co., Racine, Wis.  
 D. V. & Co. wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 D-X bridle rings & insulated books—Diamond Expansion Bolt Co., 89 West, New York  
 D. & A. concrete molds—D. & A. Post Mould Co., Three Rivers, Mich.  
 D. & B. electric squibs—Hercules Powder Co., Wilmington, Del.  
 D. & B. miners' squibs—du Pont E. I. de Nemours & Co., Wilmington, Del.  
 D. & B. miners' squibs—Hercules Powder Co., Wilmington, Del.  
 D. & B. wringers—Dobbins Mfg. Co., 127 1st, Minneapolis, Minn.  
 D. & L. draft gauges—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.  
 D. & L. electric sign flashers—Farr Telephone & Construction Supply Co., 33 S. Clinton, Chicago, Ill.  
 D. & L. stuffing boxes—Union Machine Co., St. Paul, Minn.  
 D. & T. hot water heating systems—D. & T. Mfg. Co., 1417 Olive, St. Louis, Mo.  
 D. & W. enclosed fuses—D. & W. Fuse Co., Hathaway, Providence, R. I.  
 DACK hot water heaters, pipe hangers—Hayes Pump & Planter Co., Calva, Ill.  
 DACRO milk bottle caps—Crown Cork & Seal Co., 1511 Guilford av, Baltimore, Md.  
 DAD pipe hangers—D. A. Donovan, Auburn, N. Y.  
 DADDOW & BEADLES miners' squibs—Miners' Supply Co., St. Clair, Schuylkill Co., Pa.  
 DAGGETT'S cast iron culverts—Jos. F. Rothe Foundry Co., Green Bay, Wis.  
 DAHL fuel oil burners—Union Iron Works Co., 311 California, San Francisco, Cal.  
 DAHL-MO-STAT heat regulators—Dahl Mfg. Co., Minneapolis, Minn.  
 DAHLSTROM fire proof doors, steel trim, steel partitions—Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.  
 DAIDY feed cutters—J. W. Conner & Son, Orangeville, Pa.  
 DAILY sickle grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.  
 DAINS hay loaders & lawn swings—Dain Mfg. Co., Ottumwa, Ia.  
 DAINY cap remover handle—Stephens, Windsor & Co., Waltham, Mass.  
 DAINY shirtwaist irons—Gray Iron Foundry Co., Reading, Pa.  
 DAIRY QUEEN cream separators—Dairy Cream Separator Co., Lebanon, Ind.  
 DAIRY QUEEN milk can brushes—Standard Brush Co. New Hartford, Conn.  
 DAISY air rifles—Daisy Mfg. Co., Plymouth, Mich.  
 DAISY bag holders, barn door latches, steak pounders—Wagner Mfg. Co., Cedar Falls, Ia.  
 DAISY bath heaters—Jno. Wood Mfg. Co., Conshohocken, Pa.  
 DAISY bottle corking machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.  
 DAISY bottle stoppers, force cups, rubber plugs—Schacht Rubber Mfg. Co., Huntington, Ind.  
 DAISY clipper hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.  
 DAISY cork pullers—Arcade Mfg. Co., Freeport, Ill.  
 DAISY corn planters—Hench & Dromgold Co., York, Pa.  
 DAISY cultivators—Fort Madison Plow Co., Ft. Madison, Ia.  
 DAISY cultivators—S. R. White's Sons, Norfolk, Va.  
 DAISY disc sharpeners—Schofield & Co., Freeport, Ill.  
 DAISY flour blending machinery—Barnard & Leas Mfg. Co., Moline, Ill.  
 DAISY fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.  
 DAISY harrows—Heuch & Dronigold Co., York, Pa.  
 DAISY hoes—Jno. C. Smith Hoe & Tool Co., Evansville, Ind.  
 DAISY hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 DAISY lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.  
 DAISY lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg, Phila., Pa.  
 DAISY loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.  
 DAISY mop sticks—A. Boyle Broom Co., Galesburg, Ill.  
 DAISY paper clips—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 DAISY paper dishes & wood dishes—Star Paper Dish Co., Richmond, Va.



- DAISY push button floor treads—Ansonia Electrical Co., Ansonia, Conn.
- DAISY scythe snaths—Seymour Mfg. Co., Seymour, Ind.
- DAISY stalk cutters—Gale Mfg. Co., Albion, Mich.
- DAISY stock fountains—Quinn Wire & Iron Works, Boone, Ia.
- DAISY storm sash hangers—G. A. Butter, 603 Mitchell, Milwaukee, Wis.
- DAISY trucks—Rome Scale & Mfg. Co., Rome, Ga.
- DAISY trucks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- DAISY wagon jacks—Covert Saddlery Works, Interlaken, N. Y.
- DAISY washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- DAISY wood sawing machines—Heebner & Sons, Lansdale, Pa.
- DAISY JR. acetylene gas machines—Miller Lighting Co., Detroit, Mich.
- DAISY JR. potato diggers—Brown Manly Plow Co., Malta, Ohio.
- DAKE air motors—Dake Engine Co., Grand Haven, Mich.
- DAKE force feed lubricators—Richmond Pressed Metal Works, Inc., Richmond, Va.
- DAKOTA fanning mills—J. L. Owens Co., Minneapolis, Minn.
- DAKOTA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio.
- DAKOTA portable grain elevators—Warner Elevator Mfg. Co., Warner, Ill.
- DAKOTA roofing brushes—New Jersey Brush Co., Bloomfield, N. J.
- DAKOTA traction engines—G. W. Elliott & Co., De Smet, S. Dak.
- DALE ball cocks—Wolverine Brass Works, Grand Rapids, Mich.
- DALE catch basin traps—Standard Brass & Iron Works, Milwaukee, Wis.
- DALE paper fasteners—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.
- DALE'S steam trap packing—Peerless Rubber Mfg. Co., 31 Warren, New York.
- DALEY hand carts—M. H. Daley, Charles City, Ia.
- DALITE circuit breakers—Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.
- DALLETT pneumatic tools—Thos. H. Dallett Co., Juniper & Federal, Phila., Pa.
- DALTON adding machines—Dalton Adding Machine Co., Norwood, Cincinnati, Ohio.
- DALTON engine lathes—Dalton Machine Co., 79 E. 130th, New York.
- DAMARDA lacquer—Damard Laquer Co. of America, 33 W. 42nd, New York.
- DAMASCENE razors—C. Klauber & Bros., 173 William, New York.
- DAMASCUS axes—C. A. C. Axe Co., Holbrook, Mass.
- DAMASCUS babbit metal bronze bearings, phosphor copper & ingot metals—Damascus Bronze Co., Pittsburgh, Pa.
- DAMASCUS brake beams—Damascus Brake Beam Co., Crosby & Nickel, Cleveland, Ohio.
- DAMASCUS hack saw blades—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
- DAMASCUS rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- DAMASCUS safety pins—Oakville Co., Waterbury, Conn.
- DAMASCUS scythes—Dunn Edge Tool Co., Oakland, Me.
- DAMASK window shades—Talbert-Whitmore Co., Los Angeles, Cal.
- DAMASKO shade cloth—Columbia Shade Cloth Co., 225 5th av, New York.
- DAMBALBAIT asbestos cements—Armstrong Co., 124 Post av, Detroit, Mich.
- DANCK filter screens—Standard Wire Co., New Castle, Pa.
- DAN-DEE waste paper baskets—Erie Art Metal Co., Erie, Pa.
- DANDY annunciators—Electric Goods Mfg. Co., Canton, Mass.
- DANDY belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- DANDY blanket holders, mop sticks & holders & towel racks—T. J. Ely Mfg. Co., Erie, Pa.
- DANDY bone mills—Stratton Mfg. Co., Erie, Pa.
- DANDY box scrapers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- DANDY broom holders—R. J. Ely Mfg. Co., Erie, Pa.
- DANDY can openers—Bradley & Farnham, Middlefield, Conn.
- DANDY can openers—Ellis Mfg. Co., Milldale, Conn.
- DANDY carpet beaters—T. J. Ely Mfg. Co., Erie, Pa.
- DANDY chimney tops—Quinn Wire & Iron Works, Boone, Ia.
- DANDY cleanouts—Advance Mfg. Co., Erie, Pa.
- DANDY cleanouts—Bignall Co., Medina, N. Y.
- DANDY clothes sticks—Hollow Cable Mfg. Co., Hornell, N. Y.
- DANDY corn & cob mills—C. S. Bell Co., Hillsboro, Ohio.
- DANDY cultivators—Moline Plow Co., Moline, Ill.
- DANDY disc harrows—Ohio Rake Co., Dayton, Ohio.
- DANDY electric bells—Electric Goods Mfg. Co., Canton, Mass.
- DANDY feed cutters—W. Eddy Plow Co., Greenwich, N. Y.
- DANDY fruit & vegetable parers—Goodell Co., Antrim, N. H.
- DANDY gas engines—Challenge Co., Batavia, Ill.
- DANDY glass oil cans—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- DANDY hame fasteners—Covert Saddlery Works, Interlaken, N. Y.
- DANDY horse brushes—Hendee C. Cass Co., 48 7th, Milwaukee, Wis.
- DANDY leather aprons—California Tanning Co., 1905 Shanandoah av, St. Louis, Mo.
- DANDY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio.
- DANDY pumping jacks—Challenge Co., Batavia, Ill.
- DANDY rural mail boxes—Dairymen's Mfg. Co., Warren, Jersey City, N. J.
- DANDY saw handles—T. J. Ely Mfg. Co., Erie, Pa.
- DANDY shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- DANDY swatters—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- DANDY toilet paper holders—T. J. Ely Mfg. Co., Erie, Pa.
- DANDY trucks—Turnbull Wagon Co., Defiance, Ohio.
- DANDY waffle irons—T. J. Ely Mfg. Co., Erie, Pa.
- DANDY windmills—Challenge Co., Batavia, Ill.
- DANDY wire stretchers—Milwaukee Hay, Tool Co., Milwaukee, Wis.
- DANFORTH belting—J. H. Billington, 113 Chestnut, Philadelphia, Pa.
- DANGLER alcohol stoves—Dangler Stove & Mfg. Co., Cleveland, Ohio.
- DANGLER gas radiators, gasoline stoves & blow torches—American Stove Co., St. Louis, Mo.
- DANHOUS tool racks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- DANIC sand blast machines—D. M. Nichols Iron Works, 4 Gouverneur pl., New York.
- DANIEL'S air drill hose & red sheet packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
- DANIELSON disc harrow boxes & neck yokes—Sharon Steel Hoop Co., Youngstown, Ohio.
- DANISH bond paper—B. D. Rising Paper Co., Housatonic, Mass.
- DANISH flint pebbles—Atkins, Kroll & Co., 311 California, San Francisco, Cal.
- DANUBIL packing & gaskets—Danubil Co., Postal Telegraph bldg, New York.
- DANZER'S gasoline blast furnaces, portable punches, roofing edgers & rose top ventilators—Danzer Metal Works, Hagerstown, Md.
- DARCHE alarm clocks—Darche Mfg. Co., 15 N. Jefferson, Chicago, Ill.
- DARLEY pneumatic conveyors—Guarantee Const. Co., 90 West, New York.
- D'AMOUR drill presses—E. D'Amour, 78 Cortlandt, New York.
- DARNELL'S furrower & coverer—H. W. Doughten, Moorestown, N. J.
- D-ARROW cultivators—S. R. White's Sons, Norfolk, Va.
- D'ARSONVALL galvanometers—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
- DART pipe couplings, pipe flanges, glue heaters, unions—E. M. Dart Mfg. Co., 136 Clifford, Providence, R. I.
- DART shoe button fasteners—Dunlap Machinery Co., Ltd., 69 Beekman, New York.
- DASHER churns—American Wooden Ware Mfg. Co., Toledo, Ohio.
- DATONIA paint, oils—Kay & Ess Co., Dayton, Ohio.
- DAUBER door & sash clamps—Dauber Bell Machine Co., Oshkosh, Wis.
- DAUM refillable cartridge fuses—A. F. Daum Co., Pittsburgh, Pa.
- DAUNTLESS rubber hose & insulating tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- DAVENPORT automatic screw machines—Davenport Machine Tool Co., New Bedford, Mass.
- DAVENPORT drilling machines & vises—Blissfield Motor Works, Blissfield, Mich.
- DAVIDSON ash ejectors & valves—M. T. Davidson Co., 43 Keap, Brooklyn, N. Y.
- DAVIDSON stalk cutters—Davidson-Dietrich Plow Co., Evansville, Ind.



DAVIS brake beams—Cambria Steel Co., Johnstown, Pa.  
 DAVIS carriage robes—Geo. W. Davis (Inc.), Worcester, Mass.  
 DAVIS cast steel wheels—American Steel Foundries, McCormick bldg., Chicago, Ill.  
 DAVIS churns—Vermont Farm Machine Co., Bellows Falls, Vt.  
 DAVIS cream separators—Davis Milk Machinery Co., 546 Wash'n blvd., Chicago, Ill.  
 DAVIS desk telephone brackets—Lee Electric Co., 219 N. Calvert, Baltimore, Md.  
 DAVIS driving wheels—Commonwealth Steel Co., Pierce bldg., St. Louis, Mo.  
 DAVIS engine lathes—W. P. Davis Machine Co., Rochester, N. Y.  
 DAVIS expansion boring tools—Davis Boring Tool Co., 3722 Forrest Park bl., St. Louis, Mo.  
 DAVIS friction clutches—Wooster Machine Co., Wooster, Ohio  
 DAVIS hygrometers & water gauges—Joseph F. McCoy Co., 157 Chambers, New York  
 DAVIS inkstands & wells—Emry Davis, 298 Broadway, New York  
 DAVIS lathes—W. P. Davis Machine Co., Rochester, N. Y.  
 DAVIS levels—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.  
 DAVIS metal cutting-off machines—Davis Sewing Machine Co., Dayton, Ohio  
 DAVIS miners' safety lamps—Joseph F. McCoy Co., 157 Chambers, New York  
 DAVIS row-locks—Malleable Iron Fittings Co., Branford, Conn.  
 DAVIS row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
 DAVIS steam & hot water heaters—O. C. Davis, Racine, Wis.  
 DAVIS switches—Menominee Electric Mfg. Co., Menominee, Mich.  
 DAVIS switches—Wesco Supply Co., 7th & Clark av., St. Louis, Mo.  
 DAVIS telephone cable terminals—Standard Underground Cable Co., Pittsburgh, Pa.  
 DAVIS valves—Brandywine Fibre Products Co., Wilmington, Del.  
 DAVIS valves—Geo. M. Davis Regulator Co., 422 Milwaukee av., Chicago, Ill.  
 DAVIS valves—Louis N. Davis, West Chester, Pa.  
 DAVIS wagons—Davis Wagon Co., Columbus, Ga.  
 DAVIS-BIRAM anemometers—Joseph F. McCoy Co., 157 Chambers, New York.  
 DAVIS & COOK levels—Gould & Jackson, Watertown, N. Y.  
 DAVY BROS. hydraulic forging presses—United Engineering & Foundry Co., Pittsburgh, Pa.  
 DAVY miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.  
 DAWN protector metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.  
 DAWSON corset & shoe lace tipping—C. A. Luther, Inc., Pawtucket, R. I.  
 DAY mechanical dust collectors—Day Co., Minneapolis, Minn.  
 DAY spark plugs—Geo. F. Day, 21 Haverhill, Boston, Mass.  
 DAYLIGHT glass door ovens—S. M. Howes Co., 40 Union, Boston, Mass.  
 DAYLITE greaseless skylight cleaners—Anderson Specialty Co., 6 E. Lake, Chicago, Ill.  
 DAY'S battery motors—Menominee Electric Mfg. Co., Menominee, Mich.  
 DAY'S LITTLE GIANT grinding & crushing mills—J. H. Day Co., Cincinnati, Ohio  
 DAYTON car bells & gongs, brake handles—Dayton Mfg. Co., Dayton, Ohio  
 DAYTON car door fasteners, draft gear, screw clamps, concrete inserts, fifth wheels—Dayton Malleable Iron Co., Dayton, Ohio  
 DAYTON computing scales—Computing Scale Co., Dayton, Ohio  
 DAYTON dynamos & motors & spark coils—Dayton Electrical Mfg. Co., Dayton, Ohio  
 DAYTON harrows, cultivators, planters & hay loaders—Ohio Rake Co., Dayton, Ohio  
 DAYTON pipe couplings—Dayton Pipe Coupling Co., Dayton, Ohio  
 DAYTON pneumatic tools—Dayton Pneumatic Tool Co., Dayton, Ohio  
 DAYTON rod & tube pointing, tube tapering & wire pointing machines—Excelsior Needle Co., Torrington, Conn.  
 DAYTON tube expanders & flue cutters—Gustav Wiedeke & Co., Dayton, Ohio  
 DAYTON water heaters—Dayton Supply Co., Dayton, Ohio

DAYTON water motors—Vaile-Kilmes Co., Dayton, Ohio  
 DAYTONIA acetylene gas machines—St. Clair Mfg. Co., Dayton, Ohio  
 DAZEY churns & ice cream freezers—Dazey Churn Mfg. Co., 4301 Warne, St. Louis, Mo.  
 DAZZLEINE metal polish—American Motor Equipment Co., 73 Washington, N. Boston, Mass.  
 DAZZLER metal polish—Layton, Park Oil & Soap Co., Forest H. & Hofmeister, Milwaukee, Wis.  
 DAZZLER motor cycle tires—Kokomo Rubber Co., Kokomo, Ind.  
 DAZZLER putty liquid polish—Miller Bros. & Co., 362 Broadway, New York  
 DEAD SHOT powder—American Powder Mills, Board of Trade bldg., Boston, Mass.  
 DEAD EASY air compressors, tire pumps—Globe Mfg. Co., Battle Creek, Mich.  
 DEAD EASY insecticides—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.  
 DEAD EASY rat traps—Lovell Mfg. Co., Erie, Pa.  
 DEADLOCK hay carriers—Strickler Hay Tool Co., Janesville, Wis.  
 DEAD STROKE power hammers—Dienelt & Eisenhardt, 1302 N. Howard, Phila., Pa.  
 DEAF counter scales—Pelouze Mfg. Co., 232 E. Ohio, Chicago, Ill.  
 DEAN boiler tube cleaners—Wm. B. Pierce Co., Buffalo, N. Y.  
 DEAN ear corn cutters—Sandwich Mfg. Co., Sandwich, Ill.  
 DEAN linseed oil & cake—American Linseed Co., 100 William, New York  
 DEAN locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.  
 DEAN shaking grates—Washburn & Granger, 50 Church, New York  
 DEAN tubular boilers—Estle & O'Brien Boiler Co., 58 Fore, Portland, Maine  
 DEAN wire stretchers—Arcade Mfg. Co., Freeport, Ill.  
 DEAN wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 DEANE'S T squares—E. L. Deane Machine Co., Holyoke, Mass.  
 DEARBORN transom lifts—Dearborn Hardware Mfg. Co., 2911 Carroll av., Chicago, Ill.  
 DEARBORN truck units—Dearborn Motor Truck Co., 1250 S. Campbell av., Chicago, Ill.  
 DEARBORN'S blind stitch sewing machines—American Blind Stitch Machine Co., 325 Lafayette, New York  
 DEARSLEY foundry molding machines—Freeman Mfg. Co., Dept O, Racine, Wis.  
 DEATH GRIP hay carriers—Goshen Mfg. Co., Goshen, Ind.  
 DEATON household reminders—Kohler Die & Specialty Co., De Kalb, Ill.  
 DE BEER'S mining skips—Lake Shore Engine Works, Marquette, Mich.  
 DECARBONIZER carbon removers—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 DECKER log loaders—Clyde Iron Works, Duluth, Minn.  
 DECO commutator compounds—M. DuPerow, 518 10th N. W., Washington, D. C.  
 DECO tungsten lamps—Deuth & Co., 131 E. 23rd, New York  
 DECORA lighting fixtures—Macbeth-Evans Glass Co., 9th & Bingham, Pittsburgh, Pa.  
 DECUPLE flaming arc lamps—Scott Electrical Co., 357 Ogden, Newark, N. J.  
 DEDENDA car bells & gongs—J. G. Brill Co., 62nd & Woodland av., Phila., Pa.  
 DEEDS packing—Pioneer Brass Works, Indianapolis, Ind.  
 DEEMER steel converters—Deemer Steel Casting Co., New Castle, Del.  
 DEER meat slicers—A. J. Deer Co., Hornell, N. Y.  
 DEERE cultivators, harrows, potato diggers—Deere & Co., Moline, Ill.  
 DEERING cultivators, binders, harrows, harvesters, mowers, reapers, hay stackers, corn huskers, corn pickers, binder twine—International Harvester Co. of America (Inc.), 230 Harvester bldg., Chicago, Ill.  
 DEFENDER blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.  
 DEFENDER cotton hose—Bowers Rubber Works, San Francisco, Cal.  
 DEFENDER feed cutters—S. R. White's Sons, Norfolk, Va.  
 DEFENDER insect guns—Thos. W. Houchin Co., 38 E. 21st, New York  
 DEFENDER orthochromatic dry plates—Defender Photo Supply Co., Rochester, N. Y.



- DEFENDER rubber packing—Woven Steel & Rubber Co., Trenton, N. J.
- DEFENDER safety pins—Oakville Co., Waterbury, Conn.
- DE-FI carbon paper & polychrome typewriter ribbons—De-Fi Mfg. Co., 150 Nassau, New York
- DEFIANCE auto truck trailers—Defiance Carriage Co., Defiance, Ohio
- DEFIANCE belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
- DEFIANCE cultivators—Ohio Cultivator Co., Bellevue, Ohio
- DEFIANCE cutlery polish, renovators & polishers—Dilig Mfg. & Trading Co., E. 163rd, New York
- DEFIANCE disc harrows—Rock Island Plow Co., Rock Island, Ill.
- DEFIANCE pumps—F. E. Myers & Bro., Ashland, Ohio
- DEFIANCE saw tables & saw filing & setting machines—Sidney Tool Co., Sidney, Ohio
- DEFIANCE screw drivers—Stanley Rule & Level Co., New Britain, Conn.
- DE FRANCE locomotive sanders—Newark Sand Box Co., Newark, Ohio
- DEHN'S floor drains, closet bends, & elbows, grease traps—Compound Injector & Specialty Co., 419 N. Laramie av, Chicago, Ill.
- DEHYDRATINE waterproofing—Geo. W. De Smet, 133 W. Washington, Chicago, Ill.
- DEISSLER stained glass window ventilators—P. Deissler & Bro., 249 S. 6th, Phila., Pa.
- DEISTER ore concentrators—Deister Concentrator Co., Fort Wayne, Ind.
- DEKALB ammonia compressors—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
- DE LA HUNT flush tanks—Pacific Flush Tank Co., 108 S. La Salle, Chicago, Ill.
- DELAMATER sink & float testing machines—Penna. Crusher Co., Stephen Girard bldg., Phila., Pa.
- DE LASKE fire hose looms—John Royle & Sons (Inc.), Paterson, N. J.
- DE LA VERGNE refrigerating machines, oil engines, ammonia compressors—De La Vergne Machine Co., Ft. E. 138th, New York
- DELAWARE garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- DELAY electric blasting caps, blasting machines, blasting machine testers, galvanometers, electric igniters, electric squibs, thawing kettles, tamping bags—E. I. du Pont de Nemours Powder Co., Wilmington, Del.
- DELCO electric stoves, sad irons, toasters—Diamond Electric Co., Binghamton, N. Y.
- DELCO engine starters—Dayton Engng. Laboratories Co., Dayton, Ohio
- DELCO-LIGHT electric lighting plants—Domestic Engineering Co., Dayton, Ohio
- DELESPO garment hangers—Rocky Hill Hardware Co., Rocky Hill, Conn.
- DELHI carbon paints—Jenkins Paint & Oil Co., Norfolk, Va.
- DELHI sheet rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
- DELIVATOR gravity elevators—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
- DEL LU ZON liquid soap—Bonyata Chemical Co., Grinnell, Iowa
- DELMARVIA garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- DELMAS welding plates & welding compounds—Century Tool & Metal Co., 180 N. Market, Chicago, Ill.
- DELMONICO can openers—John H. Graham & Co., 113 Chambers, New York
- DELMONICO'S ice cream dishers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
- DELPHOS dust pans, corn poppers, oil cans—Delphos Mfg. Co., Delphos, Ohio
- DELTA files—Carver File Co., 3235 Frankford av, Phila., Pa.
- DELTA files—Delta File Works, 3227 Frankford av, Phila., Pa.
- DELTA packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
- DELTA packing & gaskets—General Asbestos Rubber Co., Charleston, S. C.
- DELTA spark plugs—Delta Mfg. Co., Bloomfield, N. J.
- DELTA steam & hot water heaters—Concord Mfg. Co., Dayton, Ohio
- DELTA testing instruments—Foote, Pierson & Co., 160 Duane, New York
- DELTABESTON wire—D. & W. Fuse Co., Hathaway, Providence, R. I.
- DELTAR lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
- DELTON grass rugs—Delton Grass Rug Co., Oshkosh, Wis.
- DELUGE chemical fire engines—Prospect Mfg. Co., Prospect, Ohio
- DELUGE hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- DELUSION rat traps—Lovell Mfg. Co., Erie, Pa.
- DE LUXE acetylene gas burners—American Lava Co., Chattanooga, Tenn.
- DE LUXE japanned ware—Schlueter Mfg. Co., St. Louis, Mo.
- DE LUXE loose leaf devices—Wilson, Jones Loose Leaf Co., 3020 Carroll av, Chicago, Ill.
- DELVAN lawn mowers—Chaddorn & Coldwell Co., Newburgh, N. Y.
- DEMAG continuous rolling mills, steam hammers, hydraulic presses, coal mining & plate straightening machines & pit head winches, etc.—Neumeyer & Dimond, 82 Beaver, New York
- DE-MAND-A rotary harrow attachments—National Harrow Co., Le Roy, Ill.
- DEMING pumps—Deming Co., Salem, O.
- DEMO air pumps—Bridgeport Brass Co., Bridgeport, Conn.
- DEMON match safes—Grey Iron Casting Co., Mt. Joy, Pa.
- DEMON sheet packing—Hart Packing Co., 144 High, Boston, Mass.
- DEMON water tube cleaner—General Specialty Co., Buffalo, N. Y.
- DEMPSTER pumping jacks & grain drill—Dempster Mill Mfg. Co., Beatrice, Neb.
- DENNEY tag machinery & Rider-Ericsson engines—American Machine Co., Newark, Del.
- DENNING tractors—Denning Tractor Co., Cedar Rapids, Ia.
- DENNIS guy derricks—Bronx Derrick & Tool Co., 370 Southern Boulevard, New York
- DENNIS weather strips, storm sash hangers, etc.—W. J. Dennis & Co., 2222 W. Lake, Chicago, Ill.
- DENNISON fire-proof hollow tile—Ohio Clay Co., Cleveland, Ohio
- DENNY steam traps—W. K. Mitchell & Co., Schuylkill av & Ellsworth, Phila., Pa.
- DENSMORE saw gunners—Tanite Co., Stroudsburg, Pa.
- DEO dust absorbing floor oils—Alcatraz Co., Inc., Richmond, Va.
- DERAYCO brick paints—Devoe & Reynolds Co., Inc., 101 Fulton, New York
- DERBY corn planters—Brinly-Hardy Co., Louisville, Ky.
- DERBY corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
- DERBY fifth wheels—Keystone Forging Co., Northumberland, Pa.
- DERBY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- DERBY pipe taps & reamers—Butterfield & Co., Derby Line, Vt.
- DE REMER turbine water wheels—Mine & Smelter Supply Co., 42 Broadway, New York
- DERIGO solderless copper floats—Boston Brass Co., 135 Bacon, Waltham, Mass.
- DE RONDE paint & varnish remover—Frank S. De Ronde Co., 24 Stone, New York
- DERINGER rifles—Remington Arms-Union Metallic Cartridge Co., Ilion, N. Y.
- DERR hot air furnaces—Pottsville Foundry & Stove Co., Pottsville, Pa.
- DE RYCKE steam separators—Ambrose Machine Co., Eagle & Provost, Brooklyn, N. Y.
- DESCO metal store fronts—Detroit Show Case Co., Detroit, Mich.
- DESHLER rural mail boxes—Deshler Mail Box Co., Deshler, Ohio
- DESLEY wrought steel stair treads—Trussed Concrete Steel Co., Detroit, Mich.
- DES MOINES ELATRITE paints—Elatrith Paint & Mfg. Co., Des Moines, Ia.
- DESMOND boiler injectors—Desmond-Stephan Mfg. Co., Urbana, Ohio
- DESOCO bow separators—Detroit Socket Co., Detroit, Mich.
- DESOLVO compound drain pipe cleaners—Chamberlain Co., 305 Penn av, Pittsburgh, Pa.
- DESTRUCTOR garbage disposal plants—Power Specialty Co., 111 Broadway, New York
- DETERGINE benzine substitute—Duryea Mfg. Co., 309 B'way, New York
- DETRA boiler injectors—Stephen Roe Mfg. Co., Detroit, Mich.
- DETROIT car couplers—Monarch Steel Casting Co., Detroit, Mich.
- DETROIT coin wrappers—Detroit Coin Wrapper Co., Detroit, Mich.



- DETROIT folding scaffold brackets—Folding Scaffold Bracket Co., 60 W. Lafayette av, Detroit, Mich.
- DETROIT grease—O. F. Zurn Co., Broad & Lehigh av, Philadelphia, Pa.
- DETROIT heat transformers—Central Station Steam Co., Detroit, Mich.
- DETROIT journal boxes—Michigan Malleable Iron Co., Delray, Detroit, Mich.
- DETROIT locomotive firebox boilers—John Brennan & Co., 24th & M. C. R. R., Detroit, Mich.
- DETROIT mortar mixers—Curt E. Oelman, 224 St. Antoine, Detroit, Mich.
- DETROIT package sealing & labeling machines—Robt. Mitchell Co., Detroit, Mich.
- DETROIT row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
- DETROIT steam meters—Central Station Steam Co., Detroit, Mich.
- DETROIT steam traps—American Blower Co., 1400 Russell, Detroit, Mich.
- DETROIT steel scaffold brackets—Buxton Machine Works, 935 Scotten, Detroit, Mich.
- DETROIT switches & motor starters—Detroit Fuse & Mfg. Co., Detroit, Mich.
- DETROIT valves, gauges, lubricators—Detroit Lubricator Co., Detroit, Mich.
- DETROIT water tube boilers—East End Boiler Works, 13 St. Aubin av, Detroit, Mich.
- DETROIT weather strips—Frost Railway Supply Co., Detroit, Mich.
- DETROIT DRILLS—Detroit Twist Drill Co., Detroit, Mich.
- DETROIT FENESTRA rolled steel windows—Detroit Steel Products Co., Detroit, Mich.
- DETROIT JEWEL water heaters—Detroit Stove Works, Detroit, Mich.
- DETTA steam heaters—Concord Mfg. Co., Dayton, Ohio
- DEVEAU annunciators, push buttons—Stanley & Patterson, 23 Murray, New York
- DEVERALL oil cans & oilers—Deverall Perfection Mfg. Co., Coney Island av & Johnson pl, Brooklyn, N. Y.
- DEVIL SKIN superheated steam packing—Dealers Steam Packing Co., Palmyra, N. Y.
- DEVOE marble floor finish, paints, colors, stains, waterproofing materials—Devoe & Reynolds Co., 101 Fulton, New York
- DEVO packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
- DEWCO mine timber framing machines—Denver Engineering Works Co., Denver, Colo.
- DEWEY cement—Dewey Portland Cement Co., Dewey, Okla.
- DEWEY cultivators—Rockford Mfg. Co., Rockford, Ill.
- DEWEY curtain stretchers—Wagner Curtain Stretcher Co., Greensburg, Pa.
- DEWEY fire hose racks—W. D. Allen Mfg. Co., 570 Lake, Chicago, Ill.
- DEWEY gas heaters—Edward S. Stevenson, New Castle, Pa.
- DEWEY lawn mowers—B. F. Avery & Son, Louisville, Ky.
- DEWEY lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
- DEWEY paper cap exploders—Wrightsville Hardware Co., Wrightsville, Pa.
- DEWEY potato planters—Potato Implement Co., Traverse City, Mich.
- DEWHURST hot metal cars—Wellman-Seaver-Morgan Co., Cleveland, Ohio
- DE WITT BRAND wire rope & wire cloth—Rogers Wire Works, Inc., Belleville, N. J.
- DEXTER cement—Dexter Portland Cement Co., Nazareth, Pa.
- DEXTER clothes washing machines & plow clevises—Dexter Co., Fairfield, Ia.
- DEXTER garden cultivators & wheel garden hoes—Ohio Cultivator Co., Bellevue, Ohio
- DEXTER knives—T. J. Harrington, Southbridge, Mass.
- DEXTER knives—Harrington Cutlery Co., Southbridge, Mass.
- DEXTER lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- DEXTER valve re-seating machines—Leavitt Mach. Co., Orange, Mass.
- DEY time-recording system clocks—International Time Recording Co. of New York, Endicott, N. Y.
- DIABOLO cream separators & washing machines—United Engine Co., Lansing, Mich.
- DIABRATIVE diamond saw teeth—Willard F. Meyers Machine Co., 614 Hamilton, Astoria, N. Y.
- DIAGON packing—Boston Belting Co., 84 Linden Park, Boston, Mass.
- DIAL cash registers—Dial Cash Register Co., 409 3rd, Milwaukee, Wis.
- DIAMOND belting & belt cements—W. S. Nott Co., 2nd av, N. & 3rd, Minneapolis, Minn.
- DIAMOND billiard chalk—American Crayon Co., Sandusky, Ohio
- DIAMOND boys' axes—Mann Edge Tool Co., Lewisburg, Pa.
- DIAMOND brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
- DIAMOND butchers' cleavers—John B. Black Co., Chester, Pa.
- DIAMOND calcined plaster—J. B. King & Co., 17 State, New York
- DIAMOND can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
- DIAMOND car trucks—E. G. Long Co., 50 Church, New York
- DIAMOND carbon paper, typewriter ribbons & typewriter oils—Miller-Bryant-Pierce Co., Aurora, Ill.
- DIAMOND carbon removers—Diamond Specialty Co., Indianapolis, Ind.
- DIAMOND cement—Diamond Portland Cement Co., Cleveland, Ohio
- DIAMOND cement mixers & concrete building block machinery—Cardington Cabinet Co., Cardington, Ohio
- DIAMOND coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
- DIAMOND core drills—American Diamond Rock Drill Co., 90 West, New York
- DIAMOND core drills—Standard Diamond Drill Co., 38 S. Dearborn, Chicago, Ill.
- DIAMOND core drills—Sullivan Machinery Co., People's Gas bldg., Chicago, Ill.
- DIAMOND corn & cob mills, sweep horse powers & tow mill machinery—New Winona Mfg. Co., Winona, Minn.
- DIAMOND cotton mops—C. H. Ellert, Evansville, Ind.
- DIAMOND damper regulators—Diamond Power Specialty Co., Detroit, Mich.
- DIAMOND door hangers—Diamond Door Hanger Co., 28 Rodney, Brooklyn, N. Y.
- DIAMOND egg & cream beaters—Morgan Spring Co., Worcester, Mass.
- DIAMOND elevator door hangers—Grant Pulley & Hardware Co., 3 W. 29th, New York
- DIAMOND emery wheel dressers—Geo. Hartley, Waterbury, Conn.
- DIAMOND emery wheel dressers—Waterbury Wire Die Co., Waterbury, Conn.
- DIAMOND expansion bolts, expansion screw anchors, toggle bolts & diamond N. brick drills—Diamond Expansion Bolt Co., 89 West, New York
- DIAMOND gas fired boilers, factory trucks—Diamond Machine Co., 3rd & Vine, Cincinnati, Ohio
- DIAMOND farm gates—Kokomo Steel & Wire Co., Kokomo, Ind.
- DIAMOND floor & automatic surface grinders—Diamond Machine Co., Providence, R. I.
- DIAMOND golf balls—Worthington Ball Co., Elyria, Ohio
- DIAMOND harness tools, shoemakers' tools, tanners' tools—Wm. H. Horn & Bros., 431 N. 3rd, Phila., Pa.
- DIAMOND harrows & pulverizers & wheel gang plows—Parlin & Orendorff Co., Canton, Ill.
- DIAMOND haying tools, lawn mowers, twist drills—Whitman & Barnes Mfg. Co., Akron, Ohio
- DIAMOND hose nozzles—H. B. Sherman Mfg. Co., Battle Creek, Mich.
- DIAMOND hose & packing—Empire Tire & Rubber Co., East Trenton, N. J.
- DIAMOND hydrated lime—Ohio & Western Lime Co., Huntington, Ind.
- DIAMOND ice cream freezers—Cardington Cabinet Co., Cardington, Ohio
- DIAMOND ice creepers—Norlund Mfg. Co., Williamsport, Pa.
- DIAMOND industrial starch—Corn Products Refining Co., 17 Battery pl, New York
- DIAMOND lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.
- DIAMOND log loaders, log hauls, lumber trimmers, gang saw mills, traction engines—Diamond Iron Works, Minneapolis, Minn.
- DIAMOND lubricating oils & greases—Cornplanter Lubricating & Oil Co., ft. Drake, St. Paul, Minn.
- DIAMOND molders' flasks—Diamond Clamp & Flask Co., Richmond, Ind.
- DIAMOND motor cycle tires—B. F. Goodrich Co., Akron, Ohio
- DIAMOND nickel anodes—Burns E. Reed, 27 Jackson, Brooklyn, N. Y.
- DIAMOND oak flooring—Louisiana Long Leaf Lumber Co., Fisher, La.



- DIAMOND oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- DIAMOND packing—American Steam packing Co., 10 High, Boston, Mass.
- DIAMOND paints—Thompson & Co., Pittsburgh, Pa.
- DIAMOND playground equipment—Safety First Supply Co., Hartje Office bldg, Pittsburgh, Pa.
- DIAMOND plow steel—Crucible Steel Co. of America, Pittsburgh, Pa.
- DIAMOND plows—Parlin & Orendorff Co., Canton, Ill.
- DIAMOND plumbers' brackets—A. Y. McDonald Mfg. Co., Dubuque, Ia.
- DIAMOND prepared plaster—United States Gypsum Co., Chicago, Ill.
- DIAMOND printing presses & paper cutting machines—Challenge Machy. Co., Grand Haven, Mich.
- DIAMOND prospecting drills—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
- DIAMOND prospecting drills—Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.
- DIAMOND seals—Keystone Seal & Press Co., 39 Cortlandt, New York
- DIAMOND self-opening dies—Chas. G. Allen Co., Barre, Mass.
- DIAMOND shades & reflectors—Klemm & Co., 132 N. 5th, Phila., Pa.
- DIAMOND soil pipe & fittings—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
- DIAMOND soldering stick & paste—Burnley Battery & Mfg. Co., North East, Pa.
- DIAMOND special gauge glasses—Diamond Specialty Supply Co., Harrison bldg., Phila., Pa.
- DIAMOND steam traps—Jenkins Bros., 82 White, New York
- DIAMOND steel—Foreign Steel Co., 140 Cedar, New York
- DIAMOND stock fountains—A. Y. McDonald Mfg. Co., Dubuque, Ia.
- DIAMOND stove pipe dampers—Adams Co., Dubuque, Ia.
- DIAMOND tube cleaners—Diamond Power Specialty Co., Detroit, Mich.
- DIAMOND valves—A. Y. McDonald Mfg. Co., Dubuque, Ia.
- DIAMOND vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
- DIAMOND vises—Adams Co., Dubuque, Ia.
- DIAMOND weather strips—Diamond Metal Stamping Co., Columbus, Ohio
- DIAMOND weather vanes—National-Standard Co., Box 211, Niles, Mich.
- DIAMOND wood mortising machines—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
- DIAMOND woven wire fences—Hohulin Bros., Goodfield, Ill.
- DIAMOND wrenches—Frank Mossberg Co., Attleboro, Mass.
- DIAMOND A. broad axes—American Axe & Tool Co., Glassport, Pa.
- DIAMOND-B nail pullers—Belden Machine Co., New Haven, Conn.
- DIAMOND B. nail pullers—Smith & Hemenway Co., 76 Chambers, New York
- DIAMOND BLACK harness oils—Climax-Western Oil Co., Minneapolis, Minn.
- DIAMOND E. motor cycle spokes—Standard Co., Torrington, Conn.
- DIAMOND EAGLE tobacco knives—Jno. B. Russell, Napanoch, N. Y.
- DIAMOND EDGE pruning shears—Nagley Mfg. Co., Lyons, N. Y.
- DIAMOND GRID storage batteries—Phila. Storage Battery Co., E. Ontario & C., Philadelphia, Pa.
- DIAMOND H. switches, switch boxes, flush plugs—Hart Mfg. Co., 231 Hamilton, Hartford, Conn.
- DIAMOND (J. D.) cocoa mats—Rancocas Mills, Trenton, N. J.
- DIAMOND L. fire alarm signal boxes—Chas. W. Leveridge, 133 Liberty, New York
- DIAMOND N. expansion bolts & drills—Diamond Expansion Bolt Co., 89 West, New York
- DIAMOND N. magnesia pipe & boiler coverings—Norristown Magnesia & Asbestos Co., Norristown, Pa.
- DIAMOND OIL BLACK asphalt paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
- DIAMOND P lubricating oils & greases—Peter Pulver & Son Chemical Co., 214 Franklin, New York
- DIAMOND S. brake shoes—Parker & Topping Co., Brainerd, Minn.
- DIAMOND T. turpalin—Terabentine Co., Phila., Pa.
- DIAMOND W. lubricating oils—Borne-Scrymser Co., 80 South, New York
- DIAMOND & ARMSTRONG gang saw edgers—Diamond Iron Works, Minneapolis, Minn.
- DIAMOND & DITTENBENNER saw mill dogs—Diamond Iron Works, Minneapolis, Minn.
- DIAMONDLESS core drills—Ingersoll-Rand Co., 11 Broadway, New York
- DIANA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- DIBBLE sight feed lubricators—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- DIBERT gold extractors—L. Dibert Co., San Francisco, Cal.
- DICE gasoline engines—Dice Engine Co., Anderson, Ind.
- DICHTUNGSGUMMI metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
- DICK basin cocks—Dick Bros., Inc., Reading, Pa.
- DICK Swiss files—Edgar T. Ward's Sons, 25 Purchase, Boston, Mass.
- DICKBELT belting—R. & J. Dick, Ltd., Passaic, N. J.
- DICKEY fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
- DICKEY woven wire brushes—Chas. E. Chapin, 201 Fulton, New York
- DICKINSON carriage eyelets—Goshen Eyelet Co., Goshen, Ind.
- DICKINSON ventilators—Paul Dickinson, 3346 S. Artesian av, Chicago, Ill.
- DICKMAN rub irons—Defiance Machine Works, Defiance, Ohio
- DICK'S feed cutters—Jos. Dick Mfg. Co., Canton, Ohio
- DICK'S wire rope coating & lubricant—Chicago Wire Rope Preserving Co., 315 S. La Salle, Chicago, Ill.
- DICKSON pipe wrenches—Oswego Tool Co., Oswego, N. Y.
- DICTAPHONE dictating machines—Columbia Graphophone Co., 233 Broadway, New York
- DICKSTEPH cast iron brand brazing flux—Economy Welding Machine Co., Kansas City, Mo.
- DIDIER brick—Didier-March Co., Perth Amboy, N. J.
- D-I-E case iron piston rings—S. Merritt Whyte Co., 311 W. 59th, New York
- DIEHL cupboard catches, screen door hinges, storm sash hangers, barn door latches & transom lifts—Diehl Novelty Co., Glenbeulah, Wis.
- DIELECTRIC electric cable compounds—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
- DIELECTRIC metal polish—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
- DIELECTRIC underground conduits—Dielectric Co. of America, Belleville, N. J.
- DI-EL-ITE resistance units—Wirt Co. Armat & Lena, Phila., Pa.
- DI-EN-KEY brass & iron expansion bolts—Diamond Expansion Bolt Co., 89 West, New York
- DIESEL oil engines—Lyons-Atlas Co., Indianapolis, Ind.
- DIESEL oil engines—McIntosh & Seymour Corp., Auburn, N. Y.
- DIESEL type oil engines—New London Ship & Engine Co., Groton, Conn.
- DIETZ hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
- DIFLES ring packing—General Asbestos Rubber Co., Charleston, S. C.
- DIGHTON stoves—Dighton Foundry Co., Taunton, Mass.
- DIKEMAN chain attachment drills—M. W. Robinson Co., 35 Wall, New York
- DIKEMAN floor scrapers & saw clamps—Dikeman Mfg. Co., South Norwalk, Conn.
- DILG cutlery polish—Dilg Mfg. & Trading Co., 401 E. 163rd, New York
- DILL slotting machines—T. C. Dill Machine Co. (Inc.), Fairhill P. O. Phila., Pa.
- DILLON railroad fences & wire stretchers—Northwestern Barb Wire Co., Sterling, Ill.
- DIM-A-LITE regulating sockets—Wirt Co., Germantown, Phila., Pa.
- DIME door checks—Caldwell Mfg. Co., Rochester, N. Y.
- DIMO GRIT oil & water stones, emery tool grinders—Luther Grinder Mfg. Co., Milwaukee, Wis.
- DINGEE-WOODBURY sweep horse powers—M. Rumley Co., La Porte, Ind.
- DINGO red sheet packing—John M. Watts Sons, 54 N. 2nd, Phila., Pa.
- DINGS magnetic separators—Dings Magnetic Separator Co., 672 Smith, Milwaukee, Wis.
- DINKEL steam traps—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
- DINKLAGE CREEPCHECK anti-rail creepers—Creepcheck Co., 81 Fulton, New York
- DIRECT DRIVE conductor pipe hooks—Milwaukee Corrugating Co., Milwaukee, Wis.
- DIRECTOIRE blotting paper—Albermarle Paper Mfg. Co., Richmond, Va.



- DIRECTOR** lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- DIRIGO** boat anchors—Thos. Laughlin Co., Portland, Me.
- DIRIGO** copper floats—William Briggs, 100 Lexington av, Brooklyn, N. Y.
- DIRIGO** insulating compounds—Ohio Brass Co., Mansfield, Ohio.
- DIRIGO** packing—Jno. M. Watt's Sons, 54 N. 2nd, Philadelphia, Pa.
- DIRIGO** silos—Stevens Tank & Tower Co., Auburn, Me.
- DIRIGO** solderless copper floats—Boston Brass Co., 135 Bacon, Waltham, Mass.
- DIRIGO** wire rope clips—Thos. Laughlin Co., Portland, Me.
- DISBROW** creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.
- DISC** felt neptune water filters—Union Filter & Novelty Co., 73 Franklin, New York.
- DISFICO** horn insulation—Diamond State Fibre Co., Elsmere, Del.
- DISSTON** hack saws—Hy. Disston & Sons, Tacony, Phila., Pa.
- DITTMAR** ameters & voltmeters—Manhattan Electrical Supply Co., 17 Park pl, New York.
- DITTO** duck & crow calls—Charles H. Ditto, Keithsburg, Ill.
- DIVINE** tires & water motors—Divine Bros. Co., Utica, N. Y.
- DIX** door hangers—Dix Mfg. Co., 1025 Guilford av, Baltimore, Md.
- DIXIE** belt fasteners—Columbia Novelty Co., St. Louis, Mo.
- DIXIE** cultivators—Wm. H. Clore Mfg. Co., Washington, Ind.
- DIXIE** cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
- DIXIE** electro magnets—Sumter Electric Co., 1466 Michigan av, Chicago, Ill.
- DIXIE** exhaust heads—Dixie Mfg. Co., Stockholm & Russell, Baltimore, Md.
- DIXIE** gin saw filing machines & gummers—American Mfg. Co., Atlanta, Ga.
- DIXIE** machinery—American Machinery Co., Atlanta, Ga.
- DIXIE** oak flooring—Bliss Cook Oak Co., Blissville, Ark.
- DIXIE** oil filters—Collins Mfg. Co., Ltd., 612 Chestnut, Phila., Pa.
- DIXIE** oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio.
- DIXIE** packing—General Asbestos Rubber Co., Charleston, S. C.
- DIXIE** push buttons—Edwards & Co., 140th & Exterior, New York.
- DIXIE** saw arbors & shingle mill machinery—Curtis & Co., Mfg. Co., 1571 Kienlen av, St. Louis, Mo.
- DIXIE** spring tooth harrows—Wirtz & Hernlen, Augusta, Ga.
- DIXIE** transformers—Edwards & Co., Exterior av & 140th, New York.
- DIXIE** ventilators—Dowman-Dozier Mfg. Co., Atlanta, Ga.
- DIXIE** well buckets—Richmond Cedar Works, Richmond, Va.
- DIXIE ANTI-FRICTION** babbitt metal—Smith-Courtney Co., Richmond, Va.
- DIXON** fly traps—Reynolds Wire Co., Dixon, Ill.
- DIXON** radiator shields—Monash-Younger Co., 1407 W. Jackson blvd., Chicago, Ill.
- DIXON'S** crayons, crucibles, graphite pencils, axle grease, plumbago, pipe joint compounds, belt dressing, stove polish—Jos. Dixon Crucible Co., Jersey City, N. J.
- D'LIGHT** lighting fixture—Wizard Electric Lamp Co., San Francisco, Cal.
- DOBBINS** hot air furnaces—Marshall Furnace Co., Marshall, Mich.
- DOBCO** belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
- DOCK** hot water heaters—Hayes Pump & Planter Co., Galva, Ill.
- DOCKASH** gas ranges & stoves—Scranton Stove Works, Scranton, Pa.
- DR. BAILEY'S** ensilage cutters—Ames Plow Co., 100 Summer, Boston, Mass.
- DR. BRAUN'S** packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
- DR. GEORGE W. GRILE PATENT** pneumatic pressure rubber suits—B. F. Goodrich Co., Akron, Ohio.
- DR. HORN** tachometers—Foxboro Company, The, Foxboro, Mass.
- DR. LEAVITT** pig forceps—Leavitt Mfg. Co., Urbana, Ill.
- DR. MENDENHALL'S** pig forceps—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- DR. SCHMITZ'S** monopole oils—Wolf, Jacques & Co., Lexington av, Passaic, N. J.
- DR. SCOTT** safety razors—Pall Mall Electric Co., 128 W. 34th, New York.
- DR. RICHARD STHAMER'S** thorium nitrate—H. Lieber & Co., 14 Platt, New York.
- DR. WHEDON'S** paper towels—Tuttle Press Co., Appleton, Wis.
- DOCTOR** wood handles—Doane Mfg. Co., Allston, Mass.
- DODDS** packing—Bowers Rubber Works, San Francisco, Cal.
- DODGE** automatic tripping hooks, cable chain & system of coal storage—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- DODGE** blackboard surfacing material—American Soapstone Finish Co., Chester Depot, Vt.
- DODGE** gyrating rock & ore crushers—Worthington Pump & Machy. Corp., 115 Broadway, New York.
- DODGE** rock crushers—Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.
- DODGE** rock crushers—Walker Mfg. Co., Denver, Colo.
- DODGE-COLLINS** compression couplings—Dodge Sales & Engineering Co., Mishawaka, Ind.
- DODSON** name chain—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.
- DODSON** name fasteners—Dodson Saddlery Co., Dallas, Tex.
- DOESEM** insecticides—Rosenstock Chemical Co., 245 W. 28th, New York.
- DOGGETT'S** PERFECTION parting compounds—Stanley Doggett, 11 Cliff, New York.
- DOHERTY** cocks & bibbs—Paragon Brass Mfg. Co., 1221 Superior av, Cleveland, Ohio.
- DOHERTY** gas producers & Doherty-Eldred lime burning kilns—Improvement Equipment Co., 60 Wall, New York.
- DOLBERS** storm sash hangers—W. W. Woodruff & Sons Co., Mt. Carmel, Conn.
- DOLE & DEMINGS** spoke tenoning machines—Silver Mfg. Co., Salem, Ohio.
- DOLPHIN** insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- DOLPHIN** waterproof belting—Providence Belting Co., 7 Beverly, Providence, R. I.
- DOLPHIN ATLANTIC** rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- DOMES OF SILENCE** sliding furniture casters—Henry W. Peabody & Co., 17 State, New York.
- DOMESTIC** clothes washing & household ironing machines—Domestic Laundry Equipment Corp., 228 W. 26th, New York.
- DOMESTIC** gas engines—Domestic Engine & Pump Co., Shippensburg, Pa.
- DOMESTIC** hot water generators—Fred. A. Tyler, Albany, N. Y.
- DOMESTIC** mop sticks & holders—T. J. Ely Mfg. Co., Erie, Pa.
- DOMESTIC** spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
- DOMESTIC** sunshine steel ranges—Reading Stove Works, Reading, Pa.
- DONALDSON** crucible furnaces—Denver Fire Clay Co., Denver, Colo.
- DONALDSON** harvesters, beet pullers, farm boilers—Donaldson Bros., Mt. Clemens, Mich.
- DON DUPRIN** fire door latches—Vonnegut Hardware Co., Indianapolis, Ind.
- DONEGAL** gate latches & gate hinges—Grey Iron Casting Co., Mt. Joy, Pa.
- DON HAND** bone mills—C. S. Bell Co., Hillsboro, Ohio.
- DONKEY** ring packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
- DONNELLY** Christmas tree holders—C. H. Miller Hardware Co., Huntington, Pa.
- DONNELLY** linemen's climbers—Blakeslee Forging Co., Plantsville, Conn.
- DONOVAN** floor flanges—Trenton Potteries Co., Trenton, N. J.
- DON'T WORRY** closet seats—Peerless Selling Co., Evansville, Ind.
- DOOLEY** steel toe-calks—P. F. Burke, Dorr & Dorchester av, S. B., Boston, Mass.
- DOOLITTLE'S** viscosimeters—Eimer & Amend, 205 3rd av, New York.
- DOOLITTLE'S** viscosimeters—Geo. D. Feldt & Co., 29 N. 7th, Phila., Pa.
- DOPP** soap makers' stills—Sowers Mfg. Co., Buffalo, N. Y.
- DORCHESTER** extension ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.
- DO RO** belt dressing—Doermenn Roehrer Co., 318 E. 3rd, Cincinnati, Ohio.
- DORR** cyanide plants—Dorr Co., Denver, Colo.



- DORSEY milk bottle caps, tea kettle covers, polishing cloths—Dorsey Mfg. Co., 39 Pearl, Boston, Mass.
- DOTY washing machines—Doty Mfg. Co., Dayton, O.
- DOUBLE anchor bolting cloth—Samuel Carey, 17 State, New York
- DOUBLE blade chopping knives—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- DOUBLE-CATCH sockets—General Electric Co., Schenectady, N. Y.
- DOUBLE DIAMOND rubber hose & packing—New York Belting & Packing Co., 91 Chambers, New York
- DOUBLE EAGLE push buttons—F. H. Lovell & Co., Arlington, N. J.
- DOUBLE EDGE box straps—Stanley Works, New Britain, Conn.
- DOUBLE END feed carriers—Louden Machinery Co., Fairfield, Ia.
- DOUBLE-FLUTED sockets & receptacles—General Electric Co., Schenectady, N. Y.
- DOUBLE GRIP guy clamps—Lamson & Sessions Co., Cleveland, Ohio
- DOUBLE GRIP tapping chucks—Wm. L. Procnier, 5947 W. Erie, Chicago, Ill.
- DOUBLE JACK wire stretchers—American Steel & Wire Co., 208 La Salle, Chicago, Ill.
- DOUBLE JET gasoline blow torches—Turner Brass Works, Sycamore, Ill.
- DOUBLE PERCH wagon gears—Columbus Bolt Works, Columbus, Ohio
- DOUBLE QUICK—egg & cream beaters—Roseland Can & Specialty Co., Rockford, Ill.
- DOUBLE QUICK ice cream freezers—Richmond Cedar Works, Richmond, Va.
- DOUBLE TAPE safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- DOUBLET cultivators—Avery Co., Peoria, Ill.
- DOUDS blow-off valves, boiler injectors, cellar drainers, flexible joints—Frank C. Douds & Co., New Castle, Pa.
- DOUGHERTY cocks & bibbs—Peck Bros. & Co., New Haven, Conn.
- DOUGHERTY feed water purifiers—Economy Iron Works, Chester, Pa.
- DOUGLAS chair seats—Blair Veneer Co., North Troy, Vt.
- DOUGLASS fir plies—St. Paul & Tacoma Lumber Co., Tacoma, Wash.
- DOUGLAS wood pipe—Canal Lumber Co., Seattle, Wash.
- DOUGLAS PATTERN flushing valves—Humphreys Mfg. Co., Mansfield, Ohio
- DOVER ash & garbage cans—Dover Stamping & Mfg. Co., Cambridge, Mass.
- DOVER eave-trough hangers—Reeves Mfg. Co., Canal Dover, Ohio
- DOVER egg & cream beaters—Hamblin & Russell Mfg. Co., Worcester, Mass.
- DOVER egg & cream beaters—Landers, Frary & Clark, New Britain, Conn.
- DOVER egg & cream beaters—National Mfg. Co., Worcester, Mass.
- DOVER egg & cream beaters—Parker Wire Goods Co., Worcester, Mass.
- DOVER egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
- DOVER egg & cream beaters—Wire Goods Co., Worcester, Mass.
- DOVER oil cans, fog horns, water coolers—Dover Stamping & Mfg. Co., Cambridge, Mass.
- DOW coal conveyors & package chutes—Dow Wire & Iron Works, Louisville, Ky.
- DOW cold rolling disc sharpeners—Gould Balance Valve Co., Kellogg, Ia.
- DOWAGIAC fishing rods—Jas. Heddon & Son, Dowagiac, Mich.
- DOWAGIAC grain drills—Dowagiac Drill Co., Dowagiac, Mich.
- DOWDEN potato diggers—Dowden Mfg. Co., Prairie City, Ia.
- DOW LAW cotton planters—Towers & Sullivan Mfg. Co., Rome, Ga.
- DOWLING ice runs—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- DOWNIE oil geared pumps—Keystone Driller Co., Beaver Falls, Pa.
- DOWNIE deep well pumps—Keystone Driller Co., Beaver Falls, Pa.
- DOWNING card holders—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.
- DOYLESTOWN fodder cutters—Doylestown Agricultural Works, Doylestown, Pa.
- DRAGON carriage axles & automobile springs—Sheldon Axle & Spring Co., Wilkes Barre, Pa.
- DRAGON cement—Lawrence Portland Cement Co., Siegfried, Pa.
- DRAGON enamel gold paints—Devoe & Reynolds Co., 101 Fulton, New York
- DRAGON oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- DRAKE acetylene gas burners—Drake Acetylene Burner Co., San Jose, Cal.
- DRAKE-CASTLE boiler lugs—A. M. Castle & Co., 1300 N. Branch, Chicago, Ill.
- DRAPER pneumatic flue welders, expansion joints & flexible joints—Draper Mfg. Co., Port Huron, Mich.
- DRAVER scroll mills—Wolf Co., Chambersburg, Pa.
- DRAW-GRIP corrugated steel fasteners—Corrugated Steel Nail Co., Springfield, Ohio
- DREADNAUGHT road scrapers—Sidney Steel Scraper Co., Sidney, Ohio
- DREADNAUGHT crucible steel—Halcomb Steel Co., Syracuse, N. Y.
- DREADNAUGHT interlocking cork tile—Dreadnought Flooring Co., 154 W. 18th, New York
- DREADNAUGHT pneumatic tires—Dreadnought Tire & Rubber Co., Orangeville, Baltimore, Md.
- DREADNAUGHT soap makers' presses—Machinery Designing & Mfg. Co., 656 Hudson, New York
- DREADNAUGHT tennis racquets—Harry C. Lee & Co., 91 Chambers, New York
- DREADNAUGHT tool steel—Halcomb Steel Co., Syracuse, N. Y.
- DREADNAUGHT tread mats—La Porte Mat & Mfg. Co., La Porte, Ind.
- DREDNAUT wire cord & rope—Upson-Walton Co. of N. Y., 291 B'way, New York
- DREER'S PEERLESS glazier's points—Henry A. Dreer, 714 Chestnut, Phila., Pa.
- DREHSCHMIDT'S gas analysis apparatus—Elmer & Amend, 18th & 3rd av, New York
- DRESCOTE floor finish paints & varnishes—Chas. H. Gilman, 103 Merrimac, Boston, Mass.
- DRESSER pipe clamps—S. R. Dresser Mfg. Co., Bradford, Pa.
- DREYFUS oil & grease cups—Nathan Mfg. Co., 416 E. 106th, New York
- DREXEL brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
- DREXEL lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
- DRICLAD water proof paper—Cleveland Waterproof Paper Co., Cleveland, Ohio
- DRIFTWOOD gas logs—E. P. Gleason Mfg. Co., 37 Murray, New York
- DRISQUICK paper towels—Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O.
- DRITHINOIL paint oils—Columbia Refining Co., 90 West, New York
- DRIWAY waterproofing materials—Billings, Chapin Co., Cleveland, Ohio
- DRONSFIELD BROS. card grinding machines—Leigh & Butler, 232 Summer, Boston, Mass.
- DROUVE ventilators—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
- DRUCKLIEB sand blast barrels & sand blasting helmets—J. M. Betton, 26 Park pl, New York
- DRUID PRIMO belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
- DRUID WATERPROOF belting—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
- DRUM Pattern lemon squeezers—Arcade Mfg. Co., Freeport, Ill.
- DRUMMOND end flights for screw conveyor—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- DRYCEIL pipe sleeves—Dryceil Pipe Sleeve Co., 351 Lexington av, New York
- DUAL churns—Owatonna Mfg. Co., Owatonna, Minn.
- DUAL kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
- DU BARRY ivory pyralin toilet articles—E. I. du Pont de Nemours & Co. (The Arlington Works), 725-27 Broadway, New York
- DU BOIS gas engines—Dubois Iron Works, Dubois, Pa.
- DU BRUL cigar bunching machines & tobacco scrap-cutting machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio
- DUBUQUE hot air registers—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
- DU CHARME adjustable wrenches, pipe cutters, pipe vises—Superior Tool Co., Cambridge, Ohio
- DUCHESSE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- DUCHESSE water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- DUCK NEST tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.
- DUDE scrubbing brushes—Standard Brush Co., New Hartford, Conn.
- DUDLO induction coils—Dudlo Mfg. Co., Ft. Wayne, Ind.



DUET hot water radiators—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.  
 DUET toasters—Union Electric Product Co., Detroit, Mich.  
 DUFF chain attachment drills—Upton & Gilman Machine Co., Lowell, Mass.  
 DUFF gas producers—Duff Patents Co., Frick bldg., Pittsburgh, Pa.  
 DUFF-BETHLEHEM hydraulic jacks—Duff Mfg. Co., N. S., Pittsburgh, Pa.  
 DUFFY wall board—J. P. Duffy Co., 207 E. 138th, New York  
 DUFFY'S sink strainers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 DUFOUR bolting cloth—Tobler & Co., 35 S. William, New York  
 DUGGAN porcelain cleats—Imperial Porcelain Works, Trenton, N. J.  
 DUKBAK mackinaws—Bird, Jones & Kenyon, Utica, N. Y.  
 DUKE lubricators—Michigan Lubricator Co., Detroit, Mich.  
 DUKE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio  
 DUKE water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 DULL fine varnish—Samuel F. Woodhouse, Unity & Franklin, Philadelphia, Pa.  
 DULL gravel washing & screening plants—Raymond W. Dull Co., Cham. of Commerce bldg., Chicago, Ill.  
 DULL'S electric sign flashers—Reynolds-Dull Flasher Co., 18 S. 5th av, Chicago, Ill.  
 DUMORE vacuum cleaners, tool post grinders—Wisconsin Electric Co., Racine, Wis.  
 DUMPIT sand boxes—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.  
 DUMPS rubber diaphragms—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 DUMPY levels—Wm. Ainsworth & Sons, Denver, Colo.  
 DUMPY levels—Bausch & Lomb Optical Co., Rochester, N. Y.  
 DUMPY levels—Keuffel & Esser, Hoboken, N. J.  
 DUNBAR bidets—J. L. Mott Iron Works, 113 5th av, New York  
 DUNBAR springs—Dunbar Bros. Co., Bristol, Conn.  
 DUNCAN transformers & wattmeters—Duncan Electric Mfg. Co., Lafayette, Ind.  
 DUNDEE cast iron wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 DUNDON'S cannery retorts—Universal Engineering Co., San Francisco, Cal.  
 DUNDON'S water tube boilers—F. P. Dundon's, San Francisco Iron Works, 225 Folsom, San Francisco, Cal.  
 DUNER car water closets—Duner Co., 116 S. Clinton, Chicago, Ill.  
 DUNHAM clod crushers—Dunham Co., Berea, Ohio  
 DUNHAM lock-nuts & washers—Indianapolis Switch & Frog Co., Springfield, Ohio  
 DUNHAM steam traps—C. A. Dunham Co., Marshalltown, Ia.  
 DUNHAM vaco-vapor heating systems—C. A. Dunham Co., Marshalltown, Ia.  
 DUNLAP wire wheels—Bridgeport Engineering Co., Stratford, Conn.  
 DUNLAP'S miners' safety lamps—John Dunlap Co., Gregg, Pittsburgh, Pa.  
 DUNLOP pneumatic tires—G. & J. Tire Co., Indianapolis, Ind.  
 DUNLOP'S pneumatic tires—Hartford Rubber Works Co., Hartford, Conn.  
 DUNN trench braces—Dunn Mfg. Co., Preble av, N. S., Pittsburgh, Pa.  
 DUNNING steam & hot water heaters—New York Central Iron Works Co., Hagerstown, Md.  
 DUNN'S mitre clamps—Burgess-Norton Mfg. Co., Geneva, Ill.  
 DUNSTAN stench traps—Fred. E. Glenn, St. Charles, Ill.  
 DUNTLEY electric drills, hammers & grinders, pneumatic tools—Chicago Pneumatic Tool Co., Fisher bldg, Chicago, Ill.  
 DUO NOZZLE lawn sprinklers—H. B. Sherman Mfg. Co., Battle Creek, Mich.  
 DUPLEX asbestos packing—Empire Tire & Rubber Co., East Trenton, N. J.  
 DUPLEX automobile brakes—Royal Equipment Co., Bridgeport, Conn.  
 DUPLEX automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.  
 DUPLEX automobile trunks—Planet Co., Westfield, Mass.  
 DUPLEX barn door hangers—Arnold Co., Norwalk, Conn.  
 DUPLEX blowers, fans, ventilating apparatus—Howard & Morse, 46 Fulton, New York.  
 DUPLEX boiler feed pumps—Blake Pump & Condenser Co., Fitchburg, Mass.

DUPLEX boiler feeders—Kiely & Mueller, 34 W. 13th, New York  
 DUPLEX brake bands—Royal Equipment Co., Bridgeport, Conn.  
 DUPLEX brick carriers' clamps—Duplex Mfg. & Foundry Co., Cleveland, Ohio  
 DUPLEX carbureters—Mutual Mfg. Co., Rudd, Ia.  
 DUPLEX car doors & fittings—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.  
 DUPLEX catch basins—Hartford Foundry Corporation, Hartford, Conn.  
 DUPLEX chains—Hatheway Mfg. Co., Bridgeport, Conn.  
 DUPLEX chute fire escapes—P. Rieseck, Allegheny av & Rebecca, N. S., Pittsburgh, Pa.  
 DUPLEX collapsible buckets—Planet Co., Westfield, Mass.  
 DUPLEX concrete hangers, joist hangers, post caps & bases—Duplex Hanger Co., Cleveland, Ohio  
 DUPLEX corn & cob mills, feed grinding mills—Duplex Mill & Mfg. Co., Springfield, Ohio  
 DUPLEX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 DUPLEX eyelet machines—United Shoe Machinery Co., Boston, Mass.  
 DUPLEX expansion bolts—Isaac Church, South Norwalk, Conn.  
 DUPLEX fireless cookers—Durham Mfg. Co., Muncie, Ind.  
 DUPLEX flexible battery connectors & terminal wire connectors—Bliss-Chester Co., 31 Mathewson, Providence, R. I.  
 DUPLEX fruit evaporators & hop furnaces—Munnsville Plow Co., Munnsville, N. Y.  
 DUPLEX garment hangers—Rocky Hill Hardware Co., Rocky Hill, Conn.  
 DUPLEX guard rail clamps—Morden Frog & Crossing Works, 208 S. La Salle, Chicago, Ill.  
 DUPLEX hack saw machines—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.  
 DUPLEX log turners—Edwards Mfg. Co., Laceyville, Pa.  
 DUPLEX milling machines—W. B. Knight Machinery Co., 2019 Lucas av, St. Louis, Mo.  
 DUPLEX mitre & clamping machines, molding sander machines, veneer drying machines—Duplex Moulding Sander Co., Hornell, N. Y.  
 DUPLEX paint & white wash spraying machines & ratchet handle pumps—F. E. Myers & Bro., Ashland, Ohio  
 DUPLEX pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.  
 DUPLEX postage stamp vending machines—Midland Supply Co., Davenport, Ia.  
 DUPLEX power pumps—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 DUPLEX profiling machines—Schuchardt & Schutte, 90 West, New York  
 DUPLEX pumping jacks—Duplex Mfg. Co., Superior, Wis.  
 DUPLEX rod boring machines—Newton Machine Tool Works, Phila., Pa.  
 DUPLEX safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.  
 DUPLEX safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 DUPLEX sand sifters—Brown Specialty Machinery Co., 2440 W. 22nd, Chicago, Ill.  
 DUPLEX seals—Keystone Seal & Press Co., 39 Cortlandt, New York  
 DUPLEX sewage ejectors—Chicago Pump Co., 906 W. Lake, Chicago, Ill.  
 DUPLEX stock & dies—Hart Mfg. Co., Cleveland, Ohio  
 DUPLEX stove pipes & elbows—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.  
 DUPLEX tank heaters—Duplex Mfg. Co., Superior, Wis.  
 DUPLEX telegraph apparatus—J. H. Bunnell & Co., 32 Park pl, New York  
 DUPLEX terminal lugs—Bliss-Chester Co., 31 Mathewson, Providence, R. I.  
 DUPLEX track levels—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.  
 DUPLEX tube scrapers—Sherwood Mfg. Co., Buffalo, N. Y.  
 DUPLEX vacuum cleaners—Ramey Co., Chillicothe, Ohio  
 DUPLEX water heaters—A. D. Gordon, 231 Franklin, Buffalo, N. Y.  
 DUPLEX weighing machines—E. Edtbauer, 817 Washington blvd, Chicago, Ill.  
 DUPLEX windmills—Duplex Mfg. Co., Superior, Wis.  
 DUPLEX wire stretchers—Burgess-Norton Mfg. Co., Geneva, Ill.  
 DUPLEX CROWN steam & hot water heaters—U. S. Heating & Plbg. Co., 744 Court, Cincinnati, Ohio



DUPLEX & TRIPLEX stuff pumps—Dillon Machine Co., Lawrence, Mass.

DUPLIMERGE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.

DU PONT blasting powder, explosives, blasting caps, cap crimpers, connecting wire, electric squibs, thawing kettles, blasting supplies, leading wire, rheostats, galvanometers, blasting machines, tamping bags, fireworks powder, hand trap (for throwing clay targets), electric, waterproof electric & delay electric blasting caps & du Pont delay electric igniters—E. I. du Pont de Nemours & Co., Wilmington, Del.

DU PONT BULK shot gun powders (for export only)—E. I. du Pont de Nemours & Co., Wilmington, Del.

DU PONT chemicals—Du Pont Chemical Works, 120 B'way, New York

DU PONT DENSE shot gun powder (for export only)—E. I. du Pont de Nemours & Co., Wilmington, Del.

DU PONT NO. 1 smokeless rifle powder—E. I. du Pont de Nemours & Co., Wilmington, Del.

DU PONT PISTOL POWDER No. 3 E. I. du Pont de Nemours & Co., Wilmington, Del.

DU PONT RIFLE powder—E. I. du Pont de Nemours & Co., Wilmington, Del.

DUPREE tank lugs—T. W. Snow Construction Co., 537 S. Dearborn, Chicago, Ill.

DUQUESNE graphite paints—W. W. Lawrence Co., Pittsburgh, Pa.

DUQUESNE hunters' axes—American Axe & Tool Co., Glassport, Pa.

DUQUESNE metal polish—Duquesne Polish Co., 53 S. 15th, Pittsburgh, Pa.

DUQUESNE rail joints—Carnegie Steel Co., Pittsburgh, Pa.

DURABILITY packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.

DURABLE packing, gaskets, valve discs—Durabla Mfg. Co., 114 Liberty, New York

DURABLE rubber roofing—McHenry-Millhouse Mfg. Co., South Bend, Ind.

DURABLE rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.

DU-R-A-BUL carbon paper & typewriter ribbons—Republic-Dodge Mfg. Co., 188 3rd av, Brooklyn, N. Y.

DURADUCT flexible metallic conduits—Tubular Woven Fabric Co., Pawtucket, R. I.

DURAFLEX shoe covers—Endura Mfg. Co., 63rd & Eastwick av. Phila., Pa.

DURAGRAPH time recorders & cost keeping system clocks—Automatic Time Stamp Co., 159 Congress, Boston, Mass.

DURALITE varnishes—Atlantic Varnish Works, Inc., Richmond, Va.

DURAM vacuum air valves—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.

DURAND steel lockers & steel racks—Durand-Steel Locker Co., 1435 Ft. Dearborn Bank bldg., Chicago, Ill.

DURANT revolution counters—W. N. Durant Co., Milwaukee, Wis.

DURBIN safety car couplers—Scullin-Gallagher Iron & Steel Co., 6700 Manchester av, St. Louis, Mo.

DURBON carbon paints—Chas. Moser Co., Cincinnati, Ohio

DURDIN condensation pumps—Chicago Pump Co., 906 W. Lake, Chicago, Ill.

DURECO forge blowers—National-Standard Co., P. O. Box 211, Niles, Mich.

DUREX cigar makers' supplies—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio

DURHAM drainage systems—E. Baggot Co., 21 E. Lake, Chicago, Ill.

DURHAM floor flanges—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.

DURIRON acid castings, valves, chemical pans, steam ejectors—Duriron Castings Co., 90 West, New York

DURISTO paints—Duristo Paint Co., Newport News, Va.

DURKEE electric rock drills—Mine & Smelter Supply Co., 42 Broadway, New York

DURKIN AUTOMOTONEER handles—Electric Service Supplies Co., Philadelphia, Pa.

DURO belting—Duckwall Belting & Hose Co., 201 N. West, Indianapolis, Ind.

DURO blow-off valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

DURO electric house pumps—Burnett Larsh Mfg. Co., Dayton, Ohio

DURO flexible cords—Chas. H. McEvoy, Lowell, Mass.

DURO gasoline blast furnaces—L. Wolff Mfg. Co., 601 W. Lake, Chicago, Ill.

DURO rubber roofing—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, Ohio

DURO storage batteries—Vivax Storage Battery Co., 219 E. 24th, Chicago, Ill.

DURO water supply systems—Burnett-Larsh Mfg. Co., Dayton, Ohio

DURO welded tanks, knock down tanks, grain bins—C. C. Fouts Co., 650 Woodlawn av, Middletown, Ohio

DURTOUT priming cups—C. E. Duryea Co., Saginaw, Mich.

DUST DOOM sweeping compounds—J. F. Herne Co., Sanford, Boston, Mass.

DUSTDOWN sweeping compounds—Fitch Dust Down Co., 1028-36 W. Front, Cincinnati, Ohio

DUSTINE sweeping compounds—Velvetta Mfg. Co., 142 N. 4th, Philadelphia, Pa.

DUSTOLINE road preservatives—Dustoline for Roads Co., Summit, N. J.

DUSTOLINE sweeping compounds—Continental Mfg. Co., Indianapolis, Ind.

DUTCH BOY white & red lead & linseed oil—National Lead Co., 111 Broadway, New York

DUTCHER loom temples—Draper Corp., Hopedale, Mass.

DUTCHESS garden barrows—Thos. McWhinnie, Poughkeepsie, N. Y.

DUTCHLESS cotton planting drills—Moline Plow Co., Moline, Ill.

DUTTON sickle grinders—Cutaway Harrow Co., Higganum, Conn.

DUVAL bidets—J. L. Mott, Iron Works, Trenton, N. J.

DUVAL metallic packing—Power Specialty Co., 111 Broadway, New York

DUXBACK belting & belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York

DUX DE DUX water proof paper—Hollingsworth & Whitney Co., 185 Devonshire, Boston, Mass.

DUX-FUT baseball gloves—Chicago Sporting Goods Mfg. Co., 123 S. Jefferson, Chicago, Ill.

DWARF oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio

DWIGHT gear cutting machines, sensitive drilling machines, marking machines—Noble & Westbrook Mfg. Co., Hartford, Conn.

DWIGHT slate marking machines—Bickford Mach. Co., Greenfield, Mass.

DWIGHT STATE drilling & gear cutting machines—Bilton Machine Tool Co., Bridgeport, Conn.

D-X bridle rings—Diamond Expansion Bolt Co., 89 West, New York

DYAR portable air compressors, sand & gravel heaters & dryers—Dyar Supply Co., 66 B'way, Cambridge, Mass.

DYBIE reversing valves—Morgan Construction Co., Worcester, Mass.

DYER multiple effects evaporators—Dyer Co., Cleveland, Ohio

DYER trolley ears—Chester Ry. Supply Co., Chester, Pa.

DYNALITE dynamite—American Dynalite Co., Amherst, Ohio

DYNAMO sheet metal brushes—Perfection Supply Co., 98 Park pl, New York

E-B automobile trailer trucks—Emerson-Brantingham Co., Rockford, Ill.

E-C. automobile tire holders—E-C. Sales Co., 140 W. Van Buren, Chicago, Ill.

E. C. smokeless powders—Hercules Powder Co., Wilmington, Del.

E. C. & M. motor starters & controllers—Electric Controller & Mfg. Co., Cleveland, O.

E. E. B. canopy insulators—E. E. Bechtold, 1928 Wabash av, Chicago, Ill.

E. G. B. commutator compounds—Troy Electrical Co., Troy, N. Y.

E. I. C. spark plugs—Post & Lester Co., Hartford, Conn.

E-I-E. staybolt iron—Ewald Iron Co., Louisville, Ky.

E. J. E. foundry cupolas—E. J. Etting, Land Title bldg., Phila., Pa.

E. K. & M. can body making & soldering machines—Seattle-Astoria Iron Works, Seattle, Wash.

E. M. TALOR automobile wind shields—English & Mersick Co., New Haven, Conn.

E. R. AUTOFILTER gasoline strainers—Bousman Mfg. Co., Grand Rapids, Mich.

E. S. elevator guide lubricators—Elevator Supplies Co., Hoboken, N. J.

E. S. E. blow-off valves—Sargent Co., Fisher bldg., Chicago, Ill.

E. S. F. refining furnaces—Siemens & Halske Co., 90 West, New York

E. Z. bed springs—Lewis-Weller Mfg. Co., Utica, N. Y.



E-Z brazing & welding compounds—Anti-Borax Compound Co., Fort Wayne, Ind.  
 E-Z-BREEZE fans—Charles Schindler, Toledo, Ohio  
 E. Z. desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.  
 E. Z. grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.  
 E-Z hand vacuum cleaners—Warner Vacuum Cleaner Co., Muncie, Ind.  
 E. Z. Jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.  
 E. Z. nail pullers—Bradley & Farnham, Middlefield, Conn.  
 E. Z. paint & varnish remover—D. B. Crockett, Bridgeport, Conn.  
 E. Z. polishes—Martin & Martin, 3005 Carroll, Chicago, Ill.  
 E Z rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.  
 E-Z switch boxes—Economy Switchbox & Mfg. Co., Cleveland, Ohio  
 E-Z tire air pumps—A. Wissler Instrument Mfg. Co., Broadway & Wash. av, St. Louis, Mo.  
 E. Z. C. thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.  
 E-Z-KETCH rat traps—E-Z Mfg. Co., Galesburg, Ill.  
 E. Z. Q. metal polish—Bobrick Chemical Co., Los Angeles, Cal.  
 E-Z SEAL fruit jars—Hazel Atlas Glass Co., Wheeling, W. Va.  
 E. Z. SET boring tools—F. A. Maxwell Machine Co., 1011 Power av, Cleveland, Ohio  
 E Z Y egg & cream beaters—Holt-Lyon Co., Tarrytown, N. Y.  
 E. & A. electric furnaces & filter paper—Eimer & Amend, 18th & 3rd av, New York  
 E. & J. oil marine lamps—Edmunds & Jones Corp., Detroit, Mich.  
 E. & K. lubricating oils & greases—R. J. Kanter Co., 647 Water, New York  
 EACO insulating tape—Electric Appliance Co., 701 W. Jackson blvd., Chicago, Ill.  
 EACO lubricating oils & greases—Economy Oil Co., 13th & Clinton, Chicago, Ill.  
 EAGLE alkali, bi-carbonate of soda, caustic soda, sap stain preventive—Mathieson Alkali Works, 53 Canal, Providence, R. I.  
 EAGLE anvils—Fisher & Norris, Trenton, N. J.  
 EAGLE asphalt roofing—Schillinger Bros. Co., Detroit, Mich.  
 EAGLE belt fasteners—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.  
 EAGLE belt rivets—Plume & Atwood Mfg. Co., Waterbury, Conn.  
 EAGLE boiler injectors—Sherwood Mfg. Co., Buffalo, N. Y.  
 EAGLE calcined plasters—Grand Rapids Plaster Co., Grand Rapids, Mich.  
 EAGLE carbon paper—American Ribbon & Carbon Co., Rochester, N. Y.  
 EAGLE carriage bolts—Columbus Bolt Works, Columbus, Ohio  
 EAGLE carriage bolts—Clinton E. Hobbs, 12 Pearl, Boston, Mass.  
 EAGLE cement—Cape Girardeau Portland Cement Co., Cape Girardeau, Mo.  
 EAGLE churns—American Wooden Ware Mfg. Co., Toledo, Ohio  
 EAGLE cotton ginning machinery—Continental Gin Co., Birmingham, Ala.  
 EAGLE dry pans—Eagle Iron Works, Des Moines, Ia.  
 EAGLE dry pans—Fernholtz Brick Machinery Co., Boyle & Vandevant av, St. Louis, Mo.  
 EAGLE faucets & washer cutters—Chas. I. Allen, Pequabuck, Conn.  
 EAGLE fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York  
 EAGLE fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.  
 EAGLE fly traps—National Mfg. Co., Worcester, Mass.  
 EAGLE fly traps—Reynolds Wire Co., Dixon, Ill.  
 EAGLE gasoline engines & fodder cutters—Eagle Mfg. Co., Appleton, Wis.  
 EAGLE glue—International Glue Co., 24 T. Wharf, Boston, Mass.  
 EAGLE grease buckets & sewer buckets—Eagle Glass & Mfg. Co., Wellsburg, W. Va.  
 EAGLE hay carriers—Appleton Hay Tool Co., Appleton, Wis.  
 EAGLE hollow set screws—Progressive Mfg. Co., Torrington, Conn.  
 EAGLE hydrants—Rumsey Pump Co., Ltd., Seneca Falls, N. Y.  
 EAGLE lawn mowers—Philadelphia Lawn Mower Co., 31st & Chestnut, Phila., Pa.  
 EAGLE lawn swings—A. Buch's Sons Co., Elizabethtown, Pa.

EAGLE listers—Eagle Hay Press & Implement Co., Muskogee, Okla.  
 EAGLE lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.  
 EAGLE marine engines—Standard Co., Torrington, Conn.  
 EAGLE miners' safety lamps—Geo. T. Anton & Bro., Monongahela, Pa.  
 EAGLE oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.  
 EAGLE oil stoves & heaters—Grinberg Bros., 154 South, New York  
 EAGLE packing—Revere Rubber Co., 60 High, Boston, Mass.  
 EAGLE packing, hose—Empire Tire & Rubber Co., East Trenton, N. J.  
 EAGLE plumbers' solder—Eagle White Lead Co., Cincinnati, Ohio  
 EAGLE roof snow guards—J. H. Fulmer, Nazareth, Pa.  
 EAGLE rubber covered wire—Marion Insulated Wire & Rubber Mfrs.—Marion, Ind.  
 EAGLE rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio  
 EAGLE safety set screws—Progressive Mfg. Co., Torrington, Conn.  
 EAGLE shoe blacking & polishes—American Shoe Polish Co., 810 N. Franklin, Chicago, Ill.  
 EAGLE springs—Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.  
 EAGLE stocks and dies—American Tap & Die Co., Greenfield, Mass.  
 EAGLE stove clay—Williams Stove Lining Co., Taunton, Mass.  
 EAGLE stove polish—Nickel Plate Stove Polish Co., 362 W. Illinois, Chicago, Ill.  
 EAGLE Swiss pattern files—Nicholson File Co., Providence, R. I.  
 EAGLE tractors—Eagle Mfg. Co., Appleton, Wis.  
 EAGLE tungsten lamps—Boston-Economy Lamp Div. National Lamp Works of G. E. Co., Danvers, Mass.  
 EAGLE typewriter ribbons—American Ribbon & Carbon Co., Rochester, N. Y.  
 EAGLE upholsterers' tacks—Turner & Seymour Mfg. Co., Torrington, Conn.  
 EAGLE varnish—Emil Calman & Co., 100 William, New York  
 EAGLE wax tapers—Columbia Wax Works, 749 E. 137th, New York  
 EAGLE white lead in oil; red lead—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.  
 EAGLE wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.  
 EAGLE wringers—Eagle Woodenware Mfg. Co., Hamilton, Ohio  
 EAGLEINE disinfectants, lubricating oils & greases, & packing—Eagle Oil & Supply Co., 45 India, Boston, Mass.  
 EAGLEINE HOLDFAST belt dressing—Eagle Oil & Supply Co., 45 India, Boston, Mass.  
 EAGLE JUNIOR listers—Eagle Hay Press & Implement Co., Muskogee, Okla.  
 EAGLE PASTE stove polish—Williams Stove Lining Co., Taunton, Mass.  
 EAMES draft gauges—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.  
 EAMES halter trimmings—Frazer & Jones Co., Syracuse, N. Y.  
 EAMES rubber diaphragms—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 EARLE lace leather cutters—Greene, Tweed & Co., 109 Duane, New York  
 EARLE'S ventilators—Berger Bros., 231 Arch, Phila., Pa.  
 EARLE'S ventilators—Pullman Automatic Ventilator Mfg. Co., York, Pa.  
 EARLEY steam & hot water heaters—Wm. Earley, 1216 Ridge av, Philadelphia, Pa.  
 EARLY BIRD contractors' plows—Slussey-McLean Scraper Co., Sidney, Ohio  
 EARLY BIRD riding listers—St. Joseph Plow Co., St. Joseph, Mo.  
 EARLY'S commutator compounds—Edw. E. Early Co., Canton, Ohio  
 EASE rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 EASE-ON belt dressing—Mt. Vernon Belting Co., 333 Warren av, Baltimore, Md.  
 EASIEST WAY clothes washing machines—Easiest Way Mfg. Co., Sandusky, Ohio  
 EASTERN hame tips—Frazer & Jones Co., Syracuse, N. Y.  
 EAST INDIA cochon oils—Welch, Holme & Clark Co., 383 West, New York  
 EAST LAKE hip ornamental shingles—W. J. Burton Co., Junction & Leavitt avs, Detroit, Mich.



- EASTMAN cloth cutting machines—Eastman Machine Co., 779 Washington, Buffalo, N. Y.
- EASTMAN'S marble—Tompkins Kiel Marble Co., 505 5th av, New York
- EASTON'S furniture polish—Bridgeport Wood Finishing Co., New Milford, Conn.
- EASY bench punches—Butts & Ordway Co., 33 Purchase, Boston, Mass.
- EASY bolt clippers—H. K. Porter, 6 Ashland, Everett, Mass.
- EASY car movers—E. H. Stafford Mfg. Co., 218 S. Wabash av, Chicago, Ill.
- EASY churns—American Wooden Ware Mfg. Co., Toledo, Ohio
- EASY cultivators—Ohio Cultivator Co., Bellevue, Ohio
- EASY door hangers—Lawrence Bros., Sterling, Ill.
- EASY ice cream freezers—Wm. A. Sexton Co., Grand Central Terminal, New York
- EASY incandescent lamp replacers—W. N. Matthews & Bro., 3722 Forest Park blvd., St. Louis, Mo.
- EASY lawn mowers—Blair Mfg. Co., Springfield, Mass.
- EASY lemon squeezers—H. C. Hart Mfg. Co., Unionville, Conn.
- EASY swatters—Parker Wire Goods Co., Worcester, Mass.
- EASY tile concrete molds—Cement Tile Machinery Co., Waterloo, Ia.
- EASY trip hammers—Mayer Bros. Co., Mankato, Minn.
- EASY wringers & mops—U. S. Mop Co., Toledo, Ohio
- EASYBRIGHT metal polish, stove polish—B. F. Stinson Co., Buffalo, N. Y.
- EASY CUTTING hoof parers—Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
- EASY EMPTYING grass catchers—Specialty Mfg. Co., St. Anthony, Park, Minn.
- EASY FLOW oil cans—Bumann Mfg. Co., Litchfield, Ill.
- EASY GRIP extension back saw blades & frames—West Haven Mfg. Co., West Haven, Conn.
- EASY HOLD punches and nail sets—West Haven Mfg. Co., West Haven, Conn.
- EASY LIFT walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
- EASY LIFT sad iron handles—Reading Saddle & Mfg. Co., Reading, Pa.
- EASYLOCK stove pipe & elbow—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.
- EASY MONEY riding listers, easy rider stalk cutters—Moline Plow Co., Moline, Ill.
- EASY-SETTING wood choker rat traps—Lovell Mfg. Co., Erie, Pa.
- EASY WAY cultivators—Racine-Sattley Co., Springfield, Ill.
- EASY WAY hay loaders—Sandwich Mfg. Co., Sandwich, Ill.
- EATON axes—Dunn Edge Tool Co., Oakland, Me.
- EBERHARDT lathe tools & tool holders—Union Tool Co., Orange, Mass.
- EBONIE air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
- EBONITE lacquer—Nubian Paint & Varnish Co., 1856 Leclaire av, Chicago, Ill.
- EBONITE packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
- EBONY round belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
- EBSEN oil extractors—Griscom-Russell Co., 92 West, New York
- ECCENTRIC carriage fasteners—Crandal, Stone & Co., Binghamton, N. Y.
- ECCENTRIC spark timers—A. R. Mosler & Co., Mt. Vernon, N. Y.
- ECHO spark plugs—Electrolamp Co., Detroit, Mich.
- ECHO toys, games & novelties—Bregwoodkro Stamping & Mfg. Co., Lorain, Ohio
- ECHOLS thread taps—Pratt & Whitney Co., Hartford, Conn.
- ECK motors & generators—Eck Dynamo Motor Co., Belleville, N. J.
- ECKO confectioners' gas furnaces—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.
- ECKSTROMER storage batteries—American Storage Battery Co., Albro, Boston, Mass.
- ECLIPSE adjustable chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
- ECLIPSE air brushes—Eclipse Air Brush & Compressor Co., 216 High, Newark, N. J.
- ECLIPSE annealing furnaces, melting furnaces & glue heaters—Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
- ECLIPSE annunciators—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
- ECLIPSE boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.
- ECLIPSE boilers—Kingsford Foundry & Mach. Works, Oswego, N. Y.
- ECLIPSE bottom dumping buckets—Lakewood Engineering Co., Cleveland, Ohio
- ECLIPSE box straps—Dellaven Mfg. Co., 50 Columbia Hgts, Brooklyn, N. Y.
- ECLIPSE bread mixers—Manning, Bowman & Co., Meriden, Conn.
- ECLIPSE brushes—A. L. Sonn Brush Co., Troy, N. Y.
- ECLIPSE car fenders & wheel guards—Eclipse Railway Supply Co., Cleveland, Ohio
- ECLIPSE carbureters—Generator Valve Co., 296 Taaffe pl, Brooklyn, N. Y.
- ECLIPSE ceiling hooks—E. Jencks Mfg. Co., Worcester, Mass.
- ECLIPSE centrifugal pumps—United Iron Works, Oakland, Cal.
- ECLIPSE closet seats—C. F. Church Mfg. Co., Holyoke, Mass.
- ECLIPSE coaster brakes—Eclipse Machine Co., Elmira, N. Y.
- ECLIPSE cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
- ECLIPSE Corliss engines—Frick Co., Waynesboro, Pa.
- ECLIPSE cotton mops—C. H. Ellert, Evansville, Ind.
- ECLIPSE cotton planters—S. R. White's Sons, Norfolk, Va.
- ECLIPSE cotton rope—Anniston Cordage Co., Anniston, Ala.
- ECLIPSE cultivators—J. I. Case Plow Works, Racine, Wis.
- ECLIPSE currycombs—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
- ECLIPSE disc harrows—J. Thompson Plow Works, Beloit, Wis.
- ECLIPSE door checks—Sargent & Co., New Haven, Conn.
- ECLIPSE drill chucks—Eclipse Machine Co., Elmira, N. Y.
- ECLIPSE drill sharpening machines—Eclipse Drill Sharpening Machine Mfg. Co., Denver, Colo.
- ECLIPSE dynamite—Independent Powder Co. of Missouri, Joplin, Mo.
- ECLIPSE electric bells—P. R. Mfg. Co., Detroit, Mich.
- ECLIPSE electric illuminated signs—Kanneberg Roofing & Ceiling Co., Canton, Ohio
- ECLIPSE electric lamp flashlights—Universal Novelty Works, 147 W. 23d, New York
- ECLIPSE exhaust heads—Foxboro Company, The, succeeding Industrial Instrument Co., Foxboro, Mass.
- ECLIPSE fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
- ECLIPSE faucets—Chas. I. Allen, Pequabuck, Conn.
- ECLIPSE finger nail clippers—Chas. Gelder, Jr., Ansonia, Conn.
- ECLIPSE fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
- ECLIPSE fire hydrants, shoe blacking foot rests, shoe lasts & stands, shoemaker's hammers—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
- ECLIPSE folding wall clothes dryers—Eclipse Co., North Girard, Pa.
- ECLIPSE gas heaters, ranges, laundry stoves, toasters—Eclipse Gas Stove Co., Rockford, Ill.
- ECLIPSE gas stoves & steel ranges—Eclipse Stove Co., Mansfield, Ohio
- ECLIPSE gas & gasoline pumping engines—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
- ECLIPSE gasoline engines—Harms Bros., 1730 Thames, Baltimore, Md.
- ECLIPSE glass canister—Steinfeld Bros., 116 W. 32nd, New York
- ECLIPSE gutter beading & forming machines—Eclipse Machine Co., Troy, N. Y.
- ECLIPSE half smokeless powder—Robbin Hood Ammunition Co., Swanton, Vt.
- ECLIPSE hand corn planters—F. E. Kohler Co., Canton, Ohio
- ECLIPSE hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- ECLIPSE hot dir furnaces—Buckwalter Stove Co., Royersford, Pa.
- ECLIPSE incandescent gas mantles—Eclipse Light Co., 583 B'way, New York
- ECLIPSE incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.
- ECLIPSE ironing boards—Eclipse Co., North Girard, Pa.
- ECLIPSE kitchen knives—Christy Knife Co., Fremont, Ohio
- ECLIPSE lawn mowers—Eclipse Lawn Mower Co., Prophetstown, Ill.
- ECLIPSE locomotive injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.



ECLIPSE marine engines—Harms Bros., 1730 Thames, Baltimore, Md.  
 ECLIPSE mincing knives—Hutchins-Kilbourne Co., Buffalo, N. Y.  
 ECLIPSE mortar color—Chattanooga Paint Co., Chattanooga, Tenn.  
 ECLIPSE oil cabinets & tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.  
 ECLIPSE packing—General Asbestos Rubber Co., Charleston, S. C.  
 ECLIPSE packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 ECLIPSE paint & varnish remover—Gould & Cutler, 45 Sudbury, Boston, Mass.  
 ECLIPSE paints—Reisenmann Mfg. Co., Franklin, Pa.  
 ECLIPSE paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.  
 ECLIPSE pipe hooks—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.  
 ECLIPSE pneumatic ink wells—General Eclipse Co., Danielson, Conn.  
 ECLIPSE pneumatic rock drills—C. H. Shaw Pneumatic Tool Co., Denver, Colo.  
 ECLIPSE portable grain elevators—O'Neil Implement Co., Marseilles, Ill.  
 ECLIPSE potato diggers—Deere & Co., Moline, Ill.  
 ECLIPSE pump governors, pipe hangers, steam traps & valves—Hughson Steam Specialty Co., 5021 S. State, Chicago, Ill.  
 ECLIPSE roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.  
 ECLIPSE rubber heels—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 ECLIPSE safety fuse, special taped safety fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 ECLIPSE smoke indicators—G. L. Simond & Co., 320 S. La Salle, Chicago, Ill.  
 ECLIPSE spray pumps—Morrill & Morley Mfg. Co., Benton Harbor, Mich.  
 ECLIPSE springs, hooks, brush holders, cable hangers, hog rings, lead pipe benders, stove lid lifters, sash locks—Morgan Spring Co., Worcester, Mass.  
 ECLIPSE steam heaters—John Davis Co., Chicago, Ill.  
 ECLIPSE steel wire mats—La Porte Mat & Mfg. Co., La Porte, Ind.  
 ECLIPSE stone unloaders—Galion Iron Works & Mfg. Co., Galion, Ohio  
 ECLIPSE valves—Illinois Engineering Co., 5027 South State, Chicago, Ill.  
 ECLIPSE wagon jacks—Torrey Bros. Co., Central Village, Conn.  
 ECLIPSE waste oil presses—Strong Machinery & Supply Co., 21 Walker, New York  
 ECLIPSE wire stretchers—Milwaukee Hay Tool Co., Milwaukee, Wis.  
 ECLIPSE 4 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 ECLIPSE 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 ECLO motor boats, launches & yachts—Electric Launch Co., Bayonne City, N. J.  
 ECO automatic door switches—Edwards & Co., Exterior av & 140th, New York  
 ECO piston rings—Eco Mfg. Co., Exchange bldg., Boston, Mass.  
 ECONO expanded metal—North Western Expanded Metal Co., 37 W. Vanburen, Chicago, Ill.  
 ECONOMIC boilers—Erie City Iron Works, Erie, Pa.  
 ECONOMIC electric pumps—Bleyle Electric Co., 84 Cortlandt, New York  
 ECONOMIC gas lighting burners—E. P. Gleason Mfg. Co., 37 Murray, New York  
 ECONOMIC house heating boilers—Frank Prox Co., Terre Haute, Ind.  
 ECONOMIC lead melting furnaces—A. P. Smith Mfg. Co., East Orange, N. J.  
 ECONOMIC lime spreaders—Hench & Dromgold Co., York, Pa.  
 ECONOMICAL cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 ECONOMIZER gas engines—H. L. Chapman, Marcellus, Mich.  
 ECONOMY belt shifters—L. T. Hagan, Winchester, Ky.  
 ECONOMY box straps—W. F. Robertson Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio  
 ECONOMY brazing flux—Economy Welding Machine Co., Kansas City, Mo.  
 ECONOMY clothes washing machines—Ohio Pump & Brass Co., Columbus, Ohio  
 ECONOMY cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 ECONOMY cold saw cutting off & ball bearing drilling machines; hack saws, saw blades & frames, & circular for metal—W. Robertson Machine & Foundry Co., 56 Rano, Buffalo, N. Y.

ECONOMY cotton mops—C. H. Ellert, Evansville, Ind.  
 ECONOMY cutting & drilling compounds & valve grinding compounds—White & Bagley Co., Worcester, Mass.  
 ECONOMY desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.  
 ECONOMY disc harrows, seeders & sowers & seeder attachments—Moline Plow Co., Moline, Ill.  
 ECONOMY drag line excavators, dredging buckets, sewer & trench & excavating machines—Gage Excavating Co., Iowa Falls, Ia.  
 ECONOMY drill chucks—Whitman & Barnes Mfg. Co., Akron, Ohio  
 ECONOMY expanded metal lath—Brier Hill Steel Co., Youngstown, Ohio  
 ECONOMY foot guards & headrods—Economy Separable Switch Point Co., Louisville, Ky.  
 ECONOMY fuel gas burners—Chatfield & Sharp, Jamestown, N. Y.  
 ECONOMY gas ranges—Economy Stove Co., Cleveland, Ohio  
 ECONOMY gasoline gas machines—Economy Gas Machine Co., Rochester, N. Y.  
 ECONOMY gasoline lighting systems—Economy Gas Lamp Co., Kansas City, Mo.  
 ECONOMY grinding hoods—Kirk & Blum, York & Western av, Cincinnati, Ohio  
 ECONOMY hot air furnaces—International Heater Co., Utica, N. Y.  
 ECONOMY incandescent electric lamps—Economy Electric Works of G. E. Co., Warren, Ohio  
 ECONOMY ladder jacks—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ECONOMY lubricating oils & greases—Economy Oil Co., 13th & Clinton, Chicago, Ill.  
 ECONOMY mailing bags—Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.  
 ECONOMY manganese bronze rods—Economy Welding Machine Co., Kansas City, Mo.  
 ECONOMY manual training benches—Economy Mfg. Co., 508 Commerce, Phila., Pa.  
 ECONOMY oil filters—G. W. Galloway, 322 Pearl, New York  
 ECONOMY pipe joint cements—Modern Iron Works, Quincy, Ill.  
 ECONOMY pipe threading stocks & dies—F. E. Wells & Son Co., Greenfield, Mass.  
 ECONOMY poultry fountains—Oakes Mfg. Co., Tipton, Ind.  
 ECONOMY railroad tie plates—Otis, Spencer Co., 80 E. Jackson, Chicago, Ill.  
 ECONOMY railroad tie plates—Whitaker-Glessner Co., Portsmouth, Ohio  
 ECONOMY refillable cartridge fuses—Economy Fuse & Mfg. Co., 328 W. Kinzie, Chicago, Ill.  
 ECONOMY rigid steel conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.  
 ECONOMY steam turbines & turbo blowers—Kerr Turbine Co., Wellsville, N. Y.  
 ECONOMY steam & hot water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.  
 ECONOMY steel corn cribs—Walker Mfg. Co., Council Bluffs, Ia.  
 ECONOMY stove pipes & elbows—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.  
 ECONOMY stoves—Comstock-Castle Stove Co., Quincy, Ill.  
 ECONOMY street flushing machines—O'Neil Implement Co., Marseilles, Ill.  
 ECONOMY surveyors' compasses—Eugene Dietzgen Co., 166 W. Monroe, Chicago, Ill.  
 ECONOMY switch points—Cleveland Railway Supply Co., Cleveland, Ohio  
 ECONOMY switch points—Economy Separable Switch Point Co., Louisville, Ky.  
 ECONOMY tire heaters—Lourie Mfg. Co., Springfield, Ill.  
 ECONOMY toggles—Economy Toggle Co., 21 Storer, Boston, Mass.  
 ECONOMY transformers—Electric Appliance Co., 701 W. Jackson blvd, Chicago, Ill.  
 ECONOMY waste baling presses—Economy Baler Co., Ann Arbor, Mich.  
 ECONOMY waste oil presses—Strong Machinery & Supply Co., 21 Walker, New York  
 ECONOMY water tube boilers—O'Dougherty, Henry, 22 Columbus pl, Brooklyn, N. Y.  
 ECONOMY woven wire fences—Keystone Steel & Wire Co., Peoria, Ill.  
 EDDY arc lamp windlasses—Commercial Electrical Supply Co., 15th & Pine, St. Louis, Mo.  
 EDDY farm boilers & feed cutters—W. Eddy Plow Co., Greenwich, N. Y.  
 EDDY gate valves—Eddy Valve Co., Waterford, N. Y.



EDDY smoke recorders—Hamler-Eddy Smoke Recorder Co., 3906 S. Halsted, Chicago, Ill.  
 EDDY vacuum heating—Eddy Engineering Co., Alpena, Mich.  
 EDDYSTONE sash cords—Silver Lake Co., Newtonville, Mass.  
 EDEN clothes washing machines—Brokaw-Eden Mfg. Co., 2310 S. Western av, Chicago, Ill.  
 EDEN PORTABLE vacuum cleaners—Brokaw-Eden Mfg. Co., Alton, Ill.  
 EDGAR lawn trimmer—Osmundson Space Mfg. Co., Perry, Ia.  
 EDGAR'S bath tube enamels—Globe Varnish Co., 6125 Butler, Pittsburgh, Pa.  
 EDGE CUMBE elastic metal packing—J. C. Edgecumbe & Co., 100 William, New York  
 EDGE MONT friction clutches—Edgemont Machine Co., Dayton, Ohio  
 EDGE-ON belting mfrs.—Capen Belting & Rubber Co., Main & Chestnut, St. Louis, Mo.  
 EDGER'S fire shovels—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.  
 EDGERTON continuous roller presses—Kutztown Foundry & Machine Co., 1421 Chestnut, Phila., Pa.  
 EDGEWOOD screw drivers—Turner & Deegan, Bristol, Conn.  
 EDGEWOOD steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 EDINBURGH mortar color—Toch Bros., 320 5th av, New York  
 EDIS pickling compounds—Research Mfg. Co., Oak Lane Station, Pa.  
 EDISON babbitt metal—Nassau Smelting & Refining Works, 603 W. 29th, New York  
 EDISON cement—Edison Portland Cement Co., Stewartville, N. J.  
 EDISON glass insulators—Brookfield Glass Co., 2 Rector, New York  
 EDISON incandescent electric lamps—General Electric Co., Schenectady, N. Y.  
 EDISON mimeograph duplicators—A. B. Dick Co., 736 W. Jackson blvd., Chicago, Ill.  
 EDISON phonographs—Thomas A. Edison, Orange, N. J.  
 EDISON storage batteries—Edison Storage Battery Co., Orange, N. J.  
 EDISON waterproofing materials—North Jersey Paint Co., Stewartville, N. J.  
 EDISON-BROWN plastic rail bond—Harold P. Brown, 120 Liberty, New York  
 EDISON CARBON incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.  
 EDISON GEM incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.  
 EDISON MAZDA incandescent electric lamps—Edison Lamp Works of General Electric Co., Harrison, N. J.  
 EDISWAIN lamp adapters—Frank W. Morse, 293 Congress, Boston, Mass.  
 EDMANCO fireproof paints—Edwards Mfg. Co., 565 Eggleston av, Cincinnati, Ohio  
 EDMONDS electric polish—J. Edmonds Wesley & Son, 212 West, New York  
 EDNA locomotive injectors—Edna Brass Mfg. Co., Cincinnati, Ohio  
 EDSON alarm gauges—Ashcroft Mfg. Co., 119 W. 40th, New York  
 EDSON bottle filling machines, capstans, odorless sewage disposal outfits, pumps, winches & windlasses—Edson Mfg. Co., 257 Atlantic av, Boston, Mass.  
 EDSON hand pumps—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.  
 EDSON recording pressure gauges—Ashcroft Mfg. Co., 119 W. 40th, New York  
 EDSON rubber diaphragms—Empire Tire & Rubber Corp., East Trenton, N. J.  
 EDSONIA metal polish—M. K. Bowman Edson Co., 64 Dey, New York  
 EDUCATION open range & washout—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.  
 EDWARD ball valves & steam separators—Edward Valve & Mfg. Co., 343 S. Dearborn, Chicago, Ill.  
 EDWARDS flue stops—Andrews Wire & Iron Works, Rockford, Ill.  
 EDWARDS flying shears—Morgan Construction Co., Worcester, Mass.  
 EDWARDS metallic packing—Imperial Iron Works, Duluth, Minn.  
 EDWARDS metal ceilings, metal shingles, metal tile iron & steel roofing, portable steel buildings—Edwards Mfg. Co., 545-565 Eggleston av, Cincinnati, Ohio

EDWARDS trap doors—O. M. Edwards Co., Syracuse, N. Y.  
 EETNA step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.  
 EFFICIENCY push brooms—Mass. Commission for the Blind, Cambridge, Mass.  
 EFFICIENCY tool holders—Worcester Flexible Tubing Co., 63 Beacon, Worcester, Mass.  
 EFFICIENCY wagon loaders—Gifford Wood Co., Hudson, N. Y.  
 EFFICIENT glass door ovens—Ohio State Stove Co., Columbus, Ohio  
 EGAN potato sprayers—McKenzie Bros. Mfg. Co., La Crosse, Wis.  
 EGGSHELL-WHITE flat enamels—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
 EGLANTINE bridle bits—Bartley Bros. & Hall, 50 Warren, New York  
 EGYPTIAN coating paints & roofing paints—Columbus Paint Mfg. Co., 278 Kimball, Columbus, Ohio  
 EHRHARDTS' weighing apparatus—The McLeod Co., 2232 Bogen, Cincinnati, O.  
 EHRO composition roofing—Ehret Roofing & Mfg. Co., Drexel bldg, Phila., Pa.  
 EICHHOFF payout reels—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.  
 EICK washing & rinsing machines—S. S. Wenzell Machine Co., 50th & Parkside av, Phila., Pa.  
 EIFFEL tower revolving window display fixtures—Fairies Mfg. Co., Decatur, Ill.  
 EKCO automatic dough dividing machines—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.  
 EKLA electric bells—P. R. Mfg. Co., Detroit, Mich.  
 ELAINE red oils—Emery Candle Co., Cincinnati, O.  
 ELASKO pipe joint cements—Stearns, F. M. & Co., Jamestown, N. Y.  
 ELASTIC carbon paints—Atlantic Refining Co., Cleveland, Ohio  
 ELASTIC copper paints—H. B. Fred Kuhls, 6413 3rd av, Brooklyn, N. Y.  
 ELASTIC electric car brakes—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.  
 ELASTIC roofing cements—John Briggs & Co., 47 Purchase, Boston, Mass.  
 ELASTIC steel door mats—Wire Goods Co., Worcester, Mass.  
 ELASTICA varnish—Standard Varnish Works, Richmond ter, Elm Park, N. Y.  
 ELASTIC ENAMEL coating & preserving paints—Jones Paint Co., Rome, N. Y.  
 ELASTIC GRIP file handles—Schuchardt & Schutte, 90 West, New York  
 ELASTIKOTE paints—Tropical Oil Co., Cleveland, Ohio  
 ELASTO sheet packing, shoe covers—Rubber Fibre Co., 560 First, Boston, Mass.  
 ELATERITE asbestos roofing & paints—Western Elaterite roofing Co., Denver, Colo.  
 ELBA high carbon steel—Ludlum Steel Co., Watervliet, N. Y.  
 ELBA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 ELBA storage batteries—Willard Storage Battery Co., 5716 Euclid av, Cleveland, Ohio  
 EL BURRITO Mexican plow—Empire Plow Co., Cleveland, Ohio  
 EL CHAFO chafing dishes—Hotpoint Electric Heating Co., Ontario, Cal.  
 ELCO garment hangers—West Electric Hair Carler Co., 45 S. Front, Phila., Pa.  
 EL COMFO electric heating pads—Hotpoint Electric Heating Co., Ontario, Cal.  
 ELDNAC candle lanterns—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 ELDORADO cement plaster—United States Gypsum Co., Chicago, Ill.  
 ELDORADO engine—Standard Oil Co. of Ohio, Cleveland, Ohio  
 ELDUS road oilers—Union Iron Works, Hoboken, N. J.  
 ELECTRA arc light carbons—Reisinger Hugo, 11 Broadway, New York  
 ELECTRA automobile horns—Automobile Supply Mfg. Co., 220 Taaffe pl, Brooklyn, N. Y.  
 ELECTRIC air drill hose, braided hose, chemical engine hose, garden hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 ELECTRIC belt dressing—Akron Belting Co., Akron, Ohio  
 ELECTRIC belt dressing—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.  
 ELECTRIC belting—Chas. A. Schieren & Co., 30 Ferry, New York  
 ELECTRIC blotting paper—Southern Fibre Co., Portsmouth, Va.



ELECTRIC boiler compounds—Barnum Bros. Co., Troy, N. Y.  
 ELECTRIC door hangers—Lawrence Bros., Sterling, Ill.  
 ELECTRIC fire extinguishers—M. L. Snyder & Son, 9 N. 4th, Phila., Pa.  
 ELECTRIC gas & gasoline, oxyacetylene, sprinkler & submarine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 ELECTRIC hot water heaters—Electric Boiler Co., Rochester, N. Y.  
 ELECTRIC insecticides—Stearns Electric Paste Co., 122 S. Michigan, Chicago, Ill.  
 ELECTRIC interlocking mats—W. H. Salisbury & Co., Chicago, Ill.  
 ELECTRIC lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Philadelphia, Pa.  
 ELECTRIC oil tempering bath—General Electric Co., Schenectady, N. Y.  
 ELECTRIC tubular boilers—Bovaird & Seyfang Mfg. Co., Bradford, Pa.  
 ELECTRIC-AIR rock drills, stone channelers & coal cutters—Ingersoll-Rand Co., 11 Broadway, New York  
 ELECTRIC CITY gutter forming machinery—Double Truss Cornice Brake Co., Buffalo, N. Y.  
 ELECTRITE high speed steel—Latrobe Electric Steel Co., Latrobe, Pa.  
 ELECTRODUCT flexible interior conduits—American Circular Loom Co., 45 Milk, Boston, Mass.  
 ELECTROGRIP lamp cord adjusters—Yost Electric Mfg. Co., Toledo, Ohio  
 ELECTROMOBILE storage battery trucks—Orenstein-Arthur Koppel Co., Koppel, Beaver Co., Pa.  
 ELECTROPHITS medical batteries—Knapp Elec. & Novelty Co., 511 W. 51st, New York  
 ELECTROSE strain insulators, insulator pins, insulated suspension bolts—Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.  
 ELECTROTONIC medical batteries—Stanley & Patterson, 23 Murray, New York  
 ELECTRO-SHINE cutlery polish—R. M. Hollingshead Co., Camden, N. J.  
 ELEKTRA asbestos brake lining—F. L. Horton Co., 36 Whittier, Rox. Boston, Mass.  
 ELEKTRIK KLOK electric clocks—Betts & Betts Corp., 513 W. 42d, New York  
 ELEKTRON automobile horns—O'Brien Electrophone Co., Howell, Me.  
 ELEPHANT belting—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.  
 ELEPHANT cement—Choctow Portland Cement Works, Hartshorn, Okla.  
 ELEPHANT hay carriers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 ELEPHANT manila duplex wrapping paper—Newton Paper Co., Holyoke, Mass.  
 ELEPHANT phosphor bronze bushings, manganese bronze alloys, phosphor bronze alloys, phosphor bronze sheets—Phosphor Bronze Smelting Co., 2202 Washington av, Phila., Pa.  
 ELEPHANT red rosin sized sheathing paper—Newton Paper Co., Holyoke, Mass.  
 ELEY pipe pressure drilling machines—H. Mueller Mfg. Co., Decatur, Ill.  
 ELGIN adjustable wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ELGIN adjustable wrenches—Star Mfg. Co., Carpentersville, Ill.  
 ELGIN butter cutters—Cleveland Faucet Co., Cleveland, Ohio  
 ELGIN countershafts—Elgin Tool Works, Elgin, Ill.  
 ELGIN gas ovens—Kimball-Dietrich Hardware Co., Elgin, Ill.  
 ELGIN national coffee mills—Woodruff & Edwards Co., Elgin, Ill.  
 ELHANCO steam jacketed kettles—Edw. L. Hand & Co., 722 Arch, Philadelphia, Pa.  
 ELI ball bearing grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ELI farm wagons—Columbia Wagon Co., Columbia, Pa.  
 ELI gasoline engines & pumping jacks—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.  
 ELI hay presses—Collins Plow Co., Quincy, Ill.  
 ELI rat traps—Abingdon Trap Co., Abingdon, Ill.  
 ELIE dusters—Ohio Duster Co., Cleveland, Ohio  
 ELISCO cold rolled steel tubing—Elyria Iron & Steel Co., 232 E. 131st, Cleveland, Ohio  
 ELITE ammeters & voltmeters—Manhattan Electrical Supply Co., 17 Park pl, New York  
 ELITE chemical mops & dustless dust cloths—Ohio Duster Co., Cleveland, Ohio  
 ELITE corn forks—Specialty Mfg. Co., Westboro, Mass.  
 ELITE electric signs—K. & H. Sign Mfg. Co., Aiken & P. R. R., Pittsburgh, Pa.

ELITE insulating paints—Patent Vulcanite Roofing Co., 2500 Ogden av, Chicago, Ill.  
 ELITE kitchen knives—W. G. Browne Mfg. Co., Kingston, N. Y.  
 ELITE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.  
 ELITE vacuum cleaners & vacuum carpet sweepers—Elite Mfg. Co., Kesner bldg., Chicago, Ill.  
 ELK hose racks, hose sprinklers, spray nozzles, swinging hose reels—Elkhart Brass Mfg. Co., Elkhart, Ind.  
 ELK incandescent electric lamps—Novelty Incandescent Lamp Co., Emporium, Pa.  
 ELK typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.  
 ELKHART catch basins & shaking grates—Elkhart Iron Works, Elkhart, Ind.  
 ELKHART gas igniters—Elkhart Mfg. Co., Monroe, Mich.  
 ELKINS saw filers—A. J. Wilkinson & Co., 184 Washington, Boston, Mass.  
 ELLERY twist drills—Toledo Drill & Tool Co., Toledo, Ohio  
 ELLIOTT blue printing machines—B. K. Elliott Co., 108 6th, Pittsburgh, Pa.  
 ELLIOTT dairy pails—Elliott Mfg. Co., Warren, Ill.  
 ELLIOTT gas engines, portable sawing rigs, pumping engines, pumping jacks—Kansas City Engine Works, Kansas City, Mo.  
 ELLIOTT lace leather cutters—Manufacturers Belt Hook Co., 113 N. Greene, Chicago, Ill.  
 ELLIOTT low water alarms, pressure reducing valves, steam traps—Elliott Co., Pittsburgh, Pa.  
 ELLIOTT mechanical stokers—Ridgway Mfg. Co., Ridgway, Pa.  
 ELLIOTT photometer lamps—American Meter Co., 11th av & 47th, New York  
 ELLIOTT railway crossing gates—Pneumatic Gate Co., 1921 S. Fairfield av, Chicago, Ill.  
 ELLIOTT screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 ELLIS car bumping posts—Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.  
 ELLIS chain pipe vises—Ellis & Ford Mfg. Co., Detroit, Mich.  
 ELLIS grate bars—McClave Grate Bar Co., 6 Warren, New York  
 ELLIS oil engines—Ellis Engine Co., Detroit, Mich.  
 ELLIS tack claws & pullers & ventilating sash locks—Bradley & Farnham, Middlefield, Conn.  
 ELLIS water filter—Ellis Purifier Co., Brockton, Mass.  
 ELLISON calorimeters—American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 ELLISON calorimeters & draft gauges—Lewis M. Ellison, 214 W. Kinzie, Chicago, Ill.  
 ELLWOOD barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 ELM CITY bolt clippers—Wm. Schollhorn Co., New Haven, Conn.  
 ELM CITY counting machines—Chas. J. Root, Bristol, Conn.  
 ELM CITY padlocks—Sargent & Co., New Haven, Conn.  
 ELM CITY stump joints—C. Cowles & Co., New Haven, Conn.  
 ELM CITY wire tree guards—John P. Smith & Co., New Haven, Conn.  
 ELMIRA screw drivers, pruning saw & hooks—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 ELMO automatic float valves—Phelps Bros. Co., 25 Cliff, New York  
 ELMORE coal jigs—American Concentrator Co., Springfield, Ohio  
 ELMORE scratch awls—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 ELM PARK lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.  
 ELMWOOD belting, rubber hose, sheet packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 EL PERCO coffee percolators—Hotpoint Electric Heating Co., Ontario, Cal.  
 ELSMERE granitine laundry tubs—Elsmere Granite Co., 1752 N. Spaulding av, Chicago, Ill.  
 ELSON car & switch locks—Walter A. Zelnicker Supply Co., 325 Locust, St. Louis, Mo.  
 ELSON lumber crayons—Zelnicker Crayon Works, St. Louis, Mo.  
 ELSPASS quartz mills—Elspass Engineering & Mining Machine Co., Denver, Colo.  
 ELSTON stove pipe enamels—Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.  
 ELSTON stove pipe enamels—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.  
 EL TOASTO toasters—Hotpoint Electric Heating Co., Ontario, Cal.  
 EL TORO cement—Southwestern Portland Cement Co., El Paso, Texas.



ELUX incandescent lamps—Elux Miniature Lamp Division of G. E. Co., 16 E. 40th, New York  
 EL WARMO electric foot warmers—Hotpoint Electric Heating Co., Los Angeles, Cal.  
 ELWELL glue—B. F. Elwell Glue Co., Rockport, Mass.  
 ELWELTRA electric welded trace chains—American Chain Co., Bridgeport, Conn.  
 ELWELTRA trace chains—Standard Chain Co., Pittsburgh, Pa.  
 ELWOOD brick press machines—Chicago Brick Machinery Co., 20 W. Jackson blvd., Chicago, Ill.  
 ELWOOD wire stretchers—Arcade Mfg. Co., Freeport, Ill.  
 ELWOOD wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 ELWOOD wire stretchers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ELWOOD woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 ELY'S rat traps—T. J. Ely Mfg. Co., Erie, Pa.  
 ELY'S DANDY hay knives, ironing boards, mop wringers—T. J. Ely Mfg. Co., Erie, Pa.  
 EMANCIPATOR feed carriers—Louden Machinery Co., Fairfield, Ia.  
 EMBLEM lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 EMCO dry batteries—Electric Mfg. Co., St. Paul, Minn.  
 EMELANSIC white bronze—Lissberger, Marks & Son, 781 Borden av, Long Island City, New York  
 EMERALITE electric portables—H. G. McFaddin & Co., 38 Warren, New York  
 EMERERSON automatic lubricators—Buffalo Metal Goods Co., 186 Winchester av, Buffalo, N. Y.  
 EMERGENCY fire hose couplings—Nunn Brass Works, Rochester, N. Y.  
 EMERGENCY mud hooks—Gemco Mfg. Co., Milwaukee, Wis.  
 EMERGENCY pipe clamps—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.  
 EMERGENCY pocket telescope handle screw driver—Dikeman Mfg. Co., Norwalk, Conn.  
 EMERICK cement grinding & crushing mills—United Iron Works Co., Springfield, Mo.  
 EMERSON agricultural implements—Emerson-Brantingham Co., Rockford, Ill.  
 EMERSON beating engines & ironing tables—Modern Mfg. Co., Hagerstown, Md.  
 EMERSON gasoline traction engines—Emerson-Brantingham Implement Co., Rockford, Ill.  
 EMERSON hay loaders—Hocking Valley Mfg. Co., Lancaster, Ohio.  
 EMERSON'S draughting tables—Henry M. Taws, 920 Arch, Phila., Pa.  
 EMERY pneumatic lubricators—Emery Pneumatic Lubricator Co., 1932 N. B'way, St. Louis, Mo.  
 EMERY THOMPSON brine freezers—Thompson Emery Machine & Supply Co., 235 E. 41st, New York  
 EM ESS Tucker grease traps—Meyer-Sniffen Co., 11 W. 36th, New York  
 EMIL PASSBURG vacuum dryers—J. P. Devine Co., Buffalo, N. Y.  
 EMMELMANN gasoline soldering iron—Emmelmänn Bros. Mfg. Co., Indianapolis, Ind.  
 EMMERT T squares, machinists' vises—Emmert Mfg. Co., Waynesboro, Pa.  
 EMNESO cutting oil—Bayerson Oil Works, Erie, Pa.  
 EMORY BRAND cattle ties—J. E. Fricke Co., Philadelphia, Pa.  
 EMPEROR water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 EMPIRE alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.  
 EMPIRE axes—Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.  
 EMPIRE belting—Empire Mfg. Co., Lockport, N. Y.  
 EMPIRE belting, hose, packing, acid cements—Empire Tire & Rubber Corp., East Trenton, N. J.  
 EMPIRE bottle labeling machines—Boston Bottle Wiring & Labeling Co., 777 Boylston, Boston, Mass.  
 EMPIRE bran dusters—Richmond Mfg. Co., Lockport, N. Y.  
 EMPIRE candy floss machines—Stevens Mfg. & Supply Co., 343 S. Dearborn, Chicago, Ill.  
 EMPIRE carriage axles—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.  
 EMPIRE cast iron griddles & fry pans—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.  
 EMPIRE cement wall plaster—Empire Gypsum Co., Rochester, N. Y.  
 EMPIRE chronometer valves—Kelly & Jones Co., Pittsburgh, Pa.  
 EMPIRE conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York

EMPIRE cotton belting—Empire Mfg. Co., Lockport, N. Y.  
 EMPIRE cream separators—Empire Cream Separator Co., Bloomfield, N. J.  
 EMPIRE cultivators, celery hillers, harrows & pulverizers, potato planters—Empire Plow Co., Cleveland, Ohio  
 EMPIRE cut-off couplings & friction clutches—Thomas Coupling Co., Troy, N. Y.  
 EMPIRE door stops—Caldwell Mfg. Co., Rochester, N. Y.  
 EMPIRE double drum sanders—W. A. Heath Machine Co., Lestershire, N. Y.  
 EMPIRE drill chucks—Pratt Chuck Co., Frankfort, N. Y.  
 EMPIRE dropper attachments—Seiberling & Miller Co., Doylestown, Ohio  
 EMPIRE duct rods—Standard Underground Cable Co., Pittsburgh, Pa.  
 EMPIRE gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.  
 EMPIRE gas engines—Empire Cream Separator Co., Bloomfield, N. J.  
 EMPIRE gold dredges, hand prospecting drills, hydraulic gravel elevators—New York Engng. Co., 2 Rector, New York  
 EMPIRE gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.  
 EMPIRE hand corn planters—Sterling Pattern Works, Sterling, Ill.  
 EMPIRE harness snaps—Frazer & Jones Co., Syracuse, N. Y.  
 EMPIRE harrows—Gales Mfg. Co., Albion, Mich.  
 EMPIRE incandescent miniature lamps—H. W. McCandless & Co., 67 Park pl, New York  
 EMPIRE insulating compounds—Mica Insulator Co., 68 Church, New York  
 EMPIRE lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.  
 EMPIRE life saving nets—S. F. Hayward & Co., 250 W. 54th, New York  
 EMPIRE loose leaf devices—Well Bros., 641 W. Lake, Chicago, Ill.  
 EMPIRE machine knives—Curtis & Co. Mfg. Co., 1571 Kienlen av, St. Louis, Mo.  
 EMPIRE metallic shingles—Brier Hill Steel Co., Youngstown, Ohio  
 EMPIRE paint & varnish remover—Bird-Archer Co., 90 West, New York  
 EMPIRE pipe wrenches—Wm. Hjorth & Co., Jamestown, N. Y.  
 EMPIRE reapers—Seiberling & Miller Co., Doylestown, Ohio  
 EMPIRE reapers, ensilage cutters—Messenger Mfg. Co., Tatamy, Pa.  
 EMPIRE rubber collectors—Empire Cream Separator Co., Bloomfield, N. J.  
 EMPIRE sand papering machines—W. A. Heath Machine Co., Lestershire, N. Y.  
 EMPIRE sash locks—Caldwell Mfg. Co., Rochester, N. Y.  
 EMPIRE self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.  
 EMPIRE shade cloth—Jay C. Wemple Co., 35 E. 20th, New York  
 EMPIRE shaft couplers—Fernald Mfg. Co., North End, Pa.  
 EMPIRE shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York  
 EMPIRE slate laundry tubs & tanks & vats—New York Slate Works, 255 E. 138th, New York  
 EMPIRE smokeless shotgun powder—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 EMPIRE speed indicators—Greene, Tweed & Co., 109 Duane, New York  
 EMPIRE steam traps—American District Steam Co., North Tonawanda, N. Y.  
 EMPIRE steam traps—Lawler Regulator Co., 473 W. Broadway, New York  
 EMPIRE wall plaster—Pacific Portland Cement Co., San Francisco, Cal.  
 EMPIRE wheel garden hoes—Moline Plow Co., Moline, Ill.  
 EMPIRE window casement fasteners—Corbin Cabinet Lock Co., New Britain, Conn.  
 EMPIRE wire fence & gates—Bond Steel Post Co., Adrian, Mich.  
 EMPIRE CROWN water meters—National Meter Co., 84 Chambers, New York  
 EMPIRE FRICTION belting—Empire Tire & Rubber Corp., East Trenton, N. J.  
 EMPIRE KING spray pumps—Field Force Pump Co., Elmira, N. Y.  
 EMPIRE LEADER potato sprayer pumps—Field Pump Co., Columbus, Ohio  
 EMPIRE STATE car trucks—Taylor Electric Truck Co., Troy, N. Y.



EMPIRE STATE ensilage cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.  
 EMPIRE STATE milk cans—Oakes & Burger Co., Cattaraugus, N. Y.  
 EMPIRE'S BEST belting, hose & packing—Empire Tire & Rubber Corp., East Trenton, N. J.  
 EMPRESS alcohol lamps, vapor stoves, chafing dishes & coffee percolators—New York Stamping Co., 11th & Berry, Brooklyn, N. Y.  
 EMPRESS oil & grease cups—Bowen Mfg. Co., 357 Canal, Auburn, N. Y.  
 EMPRESS walking listers—Rock Island Plow Co., Rock Island, Ill.  
 EMPRESS water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 EMRICH button hole cutters, cloth cutting, knives, sheers & scissors, tanners' tools—Phil. Emrich, 824 Main, Cincinnati, Ohio  
 EMU padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 EMULSO soluble cutting oil—Bayerson Oil Works, Erie, Pa.  
 ENAMEL COTTAGE house paint—Harrisons, Inc., 35th & Gray's Ferry rd., Philadelphia, Pa.  
 ENAMELED WHITE INSIDE tin bath tubs—Dover Stamping & Mfg. Co., Cambridge, Mass.  
 ENAMELINE stove polish—J. L. Prescott Co., 92 W. Broadway, New York  
 ENAMELITE architectural enamels—Chicago Varnish Co., 2100 Elston av., Chicago, Ill.  
 ENAMELITE wire—Acme Wire Co., New Haven, Conn.  
 ENAMETILE metal tile—New York Metal Ceiling Co., 537 W. 24th, New York  
 ENAMOLIN bath tub enamels—Emil Calman & Co., 100 William, New York  
 ENBURO dry batteries—Lincoln Electric Co., 149 Broadway, New York  
 ENDERS safety razors—Enders Sales Co., 17 Battery pl, New York  
 ENDRUO asbestos brake lining, clutch linings—Phillip Carey Mfg. Co., Lockland, Ohio  
 ENDURA flexible fibre packing—Endura Mfg. Co., 63rd & Reading RR., Phila., Pa.  
 ENDURANCE gas main bags—Edw. A. Behringer, 88 W. Broadway, New York  
 ENDURANCE metal bound mill brooms—Mass. Commission for the Blind, Cambridge, Mass.  
 ENDURIA spring steel—Cambria Steel Co., Johnstown, Pa.  
 ENDURO non-corrosive metal—United Steel Co., Canton, Ohio  
 ENERGINE lubricating oils & greases—Energine Refining & Mfg. Co., Cleveland, Ohio  
 ENERGY dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.  
 ENGEL cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.  
 ENGINEERS gaskets—Danubil Co., 253 Broadway, New York  
 ENGINEERS tube cleaners—Michigan Lubricator Co., Detroit, Mich.  
 ENGINEERS' FAVORITE flue scraper—Sherwood Mfg. Co., Buffalo, N. Y.  
 ENGINEERS' FAVORITE tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.  
 ENGLEBERT pneumatic tires—Englebert Tyer Co., 1928 Broadway, New York  
 ENGLEHARDT life boats & rafts—C. M. Lane Life Boat Co., 250 Huron, Brooklyn, N. Y.  
 ENGLER viscosimeters—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.  
 ENGLER'S viscosimeters—Eimer & Amend, 205 3rd av., New York  
 ENGLISH high speed steel—Foreign Steel Co., 140 Cedar, New York  
 ENGLISH pig iron—C. Tennant Sons & Co., 100 William, New York  
 ENGLISH shingle stains—Dexter Bros. Co., 105 Broad, Boston, Mass.  
 ENGLISH stove pipe enamels—Nubian Paint & Varnish Co., 1856 Leclair av., Chicago, Ill.  
 ENJABECO fibre vegetable brushes—New Jersey Brush Co., Bloomfield, N. J.  
 ENSIGN canvas stitched belting—Olmstead-Flint Co., Lawrence, Mass.  
 ENSIGN cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.  
 ENSIGN sight feed lubricators—Wm. Powell Co., Cincinnati, Ohio  
 ENTERPRISE bottle labeling machines—Boston Bottle Wiring & Labeling Co., 77 Boylston, Boston, Mass.  
 ENTERPRISE chain vises, die stocks & valves—D. A. Hinman & Co., Sandwich, Ill.  
 ENTERPRISE cherry stoners, lawn mowers, lawn sprinklers, food choppers, slicing machines—Enterprise Mfg. Co., Rotary, Phila., Pa.

ENTERPRISE enameling ovens—Evans & Eichner, 29 W. Lake, Chicago, Ill.  
 ENTERPRISE hand carts—Sandwich Mfg. Co., Sandwich, Ill.  
 ENTERPRISE packing—Randolph Brandt, 70 Cortlandt, New York  
 ENTERPRISE packing—Wise & Bailey, 108 Walnut, Phila., Pa.  
 ENTERPRISE pattern tap borers—W. A. Ives Mfg. Co., Wallingford, Conn.  
 ENTERPRISE plaster mixers—J. B. Ehram & Sons Mfg. Co., Enterprise, Kan.  
 ENTERPRISE pulley mortising machines—Austin & Eddy, 117 Broad, Boston, Mass.  
 ENTERPRISE pulley mortising machines—Millbury Machine Co., Millbury, Mass.  
 ENTERPRISE rural mail boxes—John H. Forney, Burlington, Ia.  
 ENTICER rat traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 EPICASSIT rust preventives—Hess & Son, Watkins bldg, Phila., Pa.  
 EPULSO water closets—M. L. Kline, 84 front, Portland, Ore.  
 EPURE roofing cements—Trinidad Asphalt Mfg. Co., Title Guaranty Trust Bldg., St. Louis, Mo.  
 EQUAL blow band saw filling & setting machines—New Britain Machine Co., 190 Chestnut, New Britain, Conn.  
 EQUALITY rubber sheet packing—Acme Rubber Mfg. Co., Trenton, N. J.  
 EQUIPOISE desk telephone brackets—Hunt C. Howard Pen Co., Camden, N. J.  
 EQUIPOSE telephone arms—Oliver Mfg. Co., 207 Hale bldg, Pittsburgh, Pa.  
 EQUITABLE asphalt mixers—Equitable Asphalt Maintenance Co., Kansas City, Mo.  
 EQUITABLE gas meters—Equitable Meter Co., Pittsburgh, Pa.  
 EQUITY toilet paper holders—A. P. W. Paper Co., Albany, N. Y.  
 ERB dog collars—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 ERCKENBRECHERS laundry starch—Corn Products Refining Co., 17 Battery pl, New York  
 ERECTOR toy metal building materials—A. C. Gilbert Co., New Haven, Conn.  
 EREFUL automatic whistles—Wilcox, Crittenden & Co., Middletown, Conn.  
 ERIC fireless cookers—Cleveland Natural Gas Supply Co., 22 High, Cleveland, Ohio  
 ERICKSON conduit couplings—Thomas & Betts Co., 105 Hudson, New York  
 ERICSSON'S venetian blinds—Swedish Venetian Blind Co., 47 W. 34th, New York  
 ERIE aluminum hollow ware—Griswold Mfg. Co., Erie, Pa.  
 ERIE auto truck trailers—Erie Trailer Mfg. Co., Erie, Pa.  
 ERIE belting—Mau-Sherwood Supply Co., 1616 W. 3rd, Cleveland, Ohio  
 ERIE cooking stoves—Odin Stove Mfg. Co., Erie, Pa.  
 ERIE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ERIE drop hammers, mechanical stokers, squaring shears—Erie Foundry Co., Erie, Pa.  
 ERIE foundry chaplets—S. Cheney & Son, Manlius, N. Y.  
 ERIE gas radiators—Erie Stove & Mfg. Co., Erie, Pa.  
 ERIE heel cam cutting machines—Erie Toe Calk Machine Co., Erie, Pa.  
 ERIE lubricators, pipe hangers, valve & service boxes—Jarecki Mfg. Co., Erie, Pa.  
 ERIE mop wringers—Erie Mop & Wringer Co., Erie, Pa.  
 ERIE oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.  
 ERIE rat traps—Lovell Mfg. Co., Erie, Pa.  
 ERIE refrigerators—Niagara Refrigerator Works, 22 Randall, Buffalo, N. Y.  
 ERIEZ gas ranges—Erie Stove & Mfg. Co., Erie, Pa.  
 ERIOLENE illuminating oils—Bayerson Oil Works, Erie, Pa.  
 ERMOLD bottle corking machines—Edw. Ermold Co., 652 Hudson, New York  
 ERNSALIN enamels—Ernecke & Salmstein Co., 1509 N. Halsted, Chicago, Ill.  
 ERNST automobile turntables & ash can conveyors—C. K. Ernst, Buffalo, N. Y.  
 ERNST PERFECTION sidewalk elevators—C. K. Ernst, Buffalo, N. Y.  
 ERWIN fire extinguishers—M. H. Treadwell Co. of Ill., 208 S. La Salle, Chicago, Ill.  
 ESBASH'S albumenometers—Chas. J. Tagliabue Mfg. Co., 20-33rd, Brooklyn, N. Y.  
 ESCHWEILER rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.



- ESCHWEILERS PATENT casement window hinges—Stanley Works, New Britain, Conn.  
 ESCO circuit batteries—Thomas A. Edison, Orange, N. J.  
 ESCO compression cocks—E. Stebbins Mfg. Co., Springfield, Mass.  
 ESCO enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.  
 ESCO grooving machines—Walco Mfg. Co., Providence, R. I.  
 ESCO waterproofing materials—Preservative Products Co., 1133 Broadway, New York  
 ESMOND bicycle stands—New York Neckel Plating & Mfg. Co., 327 E. 63rd, New York  
 ESOPUS BUHR stones—J. J. Hasbrouck & Co., New Paltz, N. Y.  
 ESPERSEN electric portables—Pacific Elec. Co., La Crosse, Wis.  
 ESS-ESS revolving chucks—Scott & Sons Co., Medford, Mass.  
 ESSEX belting—Combination Rubber Mfg. Co., Bloomfield, N. J.  
 ESSEX belting—Lawrence Belting Co., 111 Chambers, New York  
 ESSEX belting—Mercer Rubber Co., Hamilton, N. J.  
 ESSEX carriage top supports—Essex Brass Foundry Co., Cambridge, Mass.  
 ESSEX dial cocks—G. B. Essex Brass Co., Detroit, Mich.  
 ESSEX hot air pumping engines—Winfield H. Smith, Buffalo, N. Y.  
 ESSEX lawn mowers—S. P. Townsend & Co., Orange, N. J.  
 ESSEX marine engines—Essex Engine Co., Lynn, Mass.  
 ESSEX steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.  
 ESSEX tube scrapers—Michigan Lubricator Co., Detroit, Mich.  
 ESSEX whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.  
 ESTABROOK cesspools & grease traps—R. Estabrook's Sons, 204 W. 1st, South Boston, Mass.  
 ESTATE bath water heaters—Estate Stove Co., Hamilton, Ohio  
 ESTERLINE, ammeters & voltmeters, pyrometers, speed recorders—Esterline Co. (Inc.), Indianapolis, Ind.  
 ESTES shafting couplings—Strong & Herz Co., Rochester, N. Y.  
 ESTY automatic fire sprinklers—H. G. Vogel Co., 12 Walker, New York  
 ETERNITY belt cements—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio  
 ETHERIDGE wiring pendants—Fletcher Mfg. Co., Dayton, Ohio  
 ETHIOPIA packing—Crandall Packing Co., Palmyra, N. Y.  
 ETNYRE road oilers—E. D. Etnyre & Co., Oregon, Ill.  
 ETOWAH marble—Georgia Marble Co., Tate, Ga.  
 EUCLID agricultural implements, machinists & founders, & traction engines—Cleveland Motor Plow Co., Cleveland, Ohio  
 EUCLID fireless cookers—Cleveland Natural Gas Supply Co., 22 High, Cleveland, Ohio  
 EUCLID garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 EUCLID hot air furnaces—Bennett Furnace Co., 5801 Euclid av, Cleveland, Ohio  
 EUCLID packing—Mechanical Rubber Co., Cleveland, Ohio  
 EUCLID rubber battery jars, switchboard mats—Consumers Rubber Co., Cleveland, Ohio  
 EUCLID stone sinks & trays—Euclid Mfg. Co., Cleveland, Ohio  
 EUCLID stone switchboards—Euclid Stone & Brick Co., Cleveland, Ohio  
 EUREKA steam engines—Oil City Boiler Works, Oil City, Pa.  
 EUREKA adjustable stools—Toledo Metal Furniture Co., Toledo, Ohio  
 EUREKA ash & garbage cans, harrows, lawn swings—Eureka Mower Co., Utica, N. Y.  
 EUREKA auto truck trailers—Eureka Co., Rock Falls, Ill.  
 EUREKA automatic air valves—W. A. Russell & Co., 63 W. 37th, New York  
 EUREKA babbitt metal—A. G. Schultz & Co., 114 E. Lombard, Baltimore, Md.  
 EUREKA babbitt metal & sleet cutters—Eureka Co., North East, Pa.  
 EUREKA bark mills—Barry & Zechter Co., Lancaster, Pa.  
 EUREKA belt dressing & harness oils—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 EUREKA belt lacing—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.  
 EUREKA billiard chalk—American Crayon Co., Sandusky, Ohio  
 EUREKA blotter baths & sanitary copying cloths—Eureka Blotter Bath Co., 6215 Wentworth av, Chicago, Ill.  
 EUREKA boiler compounds—Wadhams Oil Co., 215 National av, Milwaukee, Wis.  
 EUREKA boiler injectors—Kincaid Bros., Pittsburgh, Pa.  
 EUREKA bottle labeling machines—Boston Bottle Wiring & Labeling Co., 77 Boylston, Boston, Mass.  
 EUREKA broom holders—Coleman Hardware Co., 220 Michigan av, Chicago, Ill.  
 EUREKA broom holders, door springs, lawn sprinklers, sash chains, fly swatters—Parker Wire Goods Co., Worcester, Mass.  
 EUREKA brush holders—Eager Electric Co., Watertown, N. Y.  
 EUREKA burlap—Cotta-a-Lap Co., Somerville, N. J.  
 EUREKA can filling machines & barley machinery—S. Howes Co., Silver Creek, N. Y.  
 EUREKA car trucks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.  
 EUREKA carbon paper & typewriter ribbons—Mittag & Volger, Park Ridge, N. J.  
 EUREKA carbonators beer bottling machines, water filters, water lifts—Bishop-Babcock-Becker Co., Cleveland, Ohio  
 EUREKA carpet sweepers—Metal Stampings Corp., Streator, Ill.  
 EUREKA carriage fasteners—G. H. Lounsbury & Sons, 109 W. 3rd, Cincinnati, Ohio  
 EUREKA churns—Aquatic Cream Separator Co., Rochester, N. Y.  
 EUREKA churns & wood pails & buckets—Buckeye Churn Co., Sidney, Ohio  
 EUREKA closet spuds—Trenton Brass & Machine Co., Trenton, N. J.  
 EUREKA clothes dryers & ironing boards—Eclipse Co., North Girard, Pa.  
 EUREKA clothes lines—Estes Mills, Falls River, Mass.  
 EUREKA coal crushers—Universal Crusher Co., Cedar Rapids, Ia.  
 EUREKA compressed air pumps—Brandt Mfg. Co., Minneapolis, Minn.  
 EUREKA concrete barrows—Sterling Wheelbarrow Co., Milwaukee, Wis.  
 EUREKA concrete building block machinery—Besser Mfg. Co., Alpena, Mich.  
 EUREKA concrete mixers—Eureka Machine Co., Lansing, Mich.  
 EUREKA corkboard insulation—Armstrong Cork & Insulation Co., Pittsburgh, Pa.  
 EUREKA corn planters—Cardwell Machine Co., Richmond, Va.  
 EUREKA corn & cob mills—Barry & Zecher Co., Lancaster, Pa.  
 EUREKA cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.  
 EUREKA dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.  
 EUREKA duplicators—Beck Duplicator Co., 491 Broadway, New York  
 EUREKA electric bells—Ansonia Electrical Co., Ansonia, Conn.  
 EUREKA electric car headlights—Dayton Mfg. Co., Dayton, Ohio  
 EUREKA equalizers—E. B. Adams & Son, Racine, Wis.  
 EUREKA equalizers—Harvey Spring & Forging Co., Racine, Wis.  
 EUREKA feed grinding mills, windmills, wood sawing machines—Smith & Pomeroy Windmill Co., Kalamazoo, Mich.  
 EUREKA fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York  
 EUREKA fruit & vegetable parers—Goodell Co., Antrim, N. H.  
 EUREKA fumigators—Jas. R. Wotherspoon, 238 N. Front, Phila., Pa.  
 EUREKA garment hangers & wool shoe polishers—Hutchins-Kilbourne Co., Buffalo, N. Y.  
 EUREKA gasoline strainers—Winkley Co., Detroit, Mich.  
 EUREKA gas oven illuminators—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.  
 EUREKA gas water heaters—Eureka Water Heater Co., 37 W. Lake, Chicago, Ill.  
 EUREKA gauge glasses—Bache, Semon & Co., West & Hubert, New York  
 EUREKA gauges—Star Brass Mfg. Co., 108 B. Dedham, Boston, Mass.



EUREKA grain cleaning & grading machinery—Portland Iron Works, 14th & Northup, Portland, Ore.  
 EUREKA grain dryers—Wolf Co., Chambersburg, Pa.  
 EUREKA green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.  
 EUREKA hack saw machines—Henry G. Thompson & Son Co., New Haven, Conn.  
 EUREKA hame clips—Imperial Bit & Snap Co., Racine, Wis.  
 EUREKA hand power shears—Smith & Egge Mfg. Co., Bridgeport, Conn.  
 EUREKA hay & corn cutter knives—Bateman Mfg. Co., Grenloch, N. J.  
 EUREKA hose couplings—Rauch Mfg. Co., Galena, Kan.  
 EUREKA leather wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.  
 EUREKA liquid & paste polish—No. American Chemical & Engineering Co., 23 Old Slip, New York  
 EUREKA lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
 EUREKA mine car wheels—Hockensmith Wheel & Mine Car Co., Penn Station, Pa.  
 EUREKA mine car wheels—Irwin Foundry & Mine Car Co., Irwin, Pa.  
 EUREKA mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.  
 EUREKA oak flooring—Salt Lick Lumber Co., Salt Lick, Ky.  
 EUREKA paint & varnish remover—Palmer-Price Co., 270 Chestnut, Newark, N. J.  
 EUREKA paints & cements—Otley Paint Mfg. Co., 1742 N. Winchester av, Chicago, Ill.  
 EUREKA paper clips—Consolidated Safety Pin Co., Bloomfield, N. J.  
 EUREKA portable grain elevators—Chas. E. Davidson, Eureka, Ill.  
 EUREKA post hole diggers—Seymour Mfg. Co., Seymour, Ind.  
 EUREKA potato planters—Potato Implement Co., Traverse City, Mich.  
 EUREKA ratchet wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.  
 EUREKA rock & ore conveyors—Universal Crusher Co., Cedar Rapids, Ia.  
 EUREKA rod packing—Eureka Packing Co., 78 Broadway, New York  
 EUREKA roof snow guards—J. H. Fulmer, Nazareth, Pa.  
 EUREKA rope & twines—Columbian Rope Co., 2050 Genesee, Auburn, N. Y.  
 EUREKA scouring cork—Faddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.  
 EUREKA shingle stains—Lancaster Paint & Glass Co., Lancaster, Pa.  
 EUREKA soldering flux—Gresselli Chemical Co., Cleveland, Ohio  
 EUREKA spiral screw drivers—Decatur Coffin Co., Decatur, Ill.  
 EUREKA spiral screw drivers—C. E. Jennings & Co., 71 Murray, New York  
 EUREKA spray pumps—Morrill-Morley Mfg. Co., Benton Harbor, Mich.  
 EUREKA stencils—S. W. Reese & Co., 44 Vesey, New York  
 EUREKA take-down squares—Nicholls Mfg. Co., Ottumwa, Ia.  
 EUREKA tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 EUREKA toasters—Morgan Spring Co., Worcester, Mass.  
 EUREKA tool grinders—Chicago Wheel & Mfg. Co., 1101 W. Monroe, Chicago, Ill.  
 EUREKA traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio  
 EUREKA valves & unions—Eureka Brass Works, 1040 Hulbert av, Cincinnati, Ohio  
 EUREKA vises—Emmert Mfg. Co., Waynesboro, Pa.  
 EUREKA water meters—Pittsburgh Meter Co., E. Pittsburgh, Pa.  
 EUREKA wire fence machines & woven wire fences—Eureka Fence Mfg. Co., Richmond, Ind.  
 EUREKA wire test connectors—Frank W. Morse, 293 Congress, Boston, Mass.  
 EUREKA wood fibre plaster—American Cement Plaster Co., Lawrence, Kan.  
 EUREKA wooden barrows—Chattanooga Wheelbarrow & Truck Co., Chattanooga, Tenn.  
 EUREKA wooden barrows—Frank R. Prescott, Meredith, N. H.  
 EUREKA wrenches—Allen Wrench & Tool Co., 754 Eddy, Providence, R. I.  
 EUREKA goggles & eye protectors—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.  
 EUREKA valves—National Tube Co., Frick bldg, Pittsburgh, Pa.

EUROPEAN electrodes—H. M. Hirschberg Co., 1451 B'way, New York  
 EVANS automatic fire sprinklers—Globe Automatic Sprinkler Co., 2035 Washington av, Phila., Pa.  
 EVANS automobile transmissions—Merchant & Evans Co., Arch, Phila., Pa.  
 EVANS challenge ventilating apparatus for greenhouses—John A. Evans Co., Richmond, Ind.  
 EVANS harrows, harrow attachments, potato planters—American Seeding Machine Co., Springfield, Ohio  
 EVANS marine gears, circulating pumps—C. H. Evans & Co., 187 Fremont, San Francisco, Cal.  
 EVANS variable speed transmission—Evans Friction Cone Co., Newton Center, Mass.  
 EVANS veneered doors—Carnahan Mfg. Co., Loogootee, Ind.  
 EVANS-WADDELL Chilian mills—Worthington Pump & Machy. Corp., 115 Broadway, New York  
 EVART logging tools—American Logging Tool Co., Evart, Mich.  
 EVARTS shingle mill machinery—Armstrong Mfg. Co., Waterloo, Ia.  
 EVEN UP equalizers—Nevada Mfg. Co., Nevada, Ia.  
 EVERED churn drill engines—National Iron Co., Duluth, Minn.  
 EVERETT dump boxes—Everett Mfg. Co., Newark, N. Y.  
 EVERETT-McADAM blue printing machines—Revolute Machine Co., 417 E. 93rd, New York  
 EVERGLADE kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio  
 EVERGRIP sliding furniture shoes—Evergrip Gliding Caster Co., 41 Warren, New York  
 EVERGRIP splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 EVERHART pneumatic signals—Everhart Brass Works, Scranton, Pa.  
 EVERJET elastic paints—Barrett Co., 17 Battery pl, New York  
 EVERLAST asbestos brake linings—National Leather Belting Co., 342 E. 38th, New York  
 EVERLAST asbestos packing—Goodyear Tire & Rubber Co., Akron, Ohio  
 EVERLAST exhaust heads—Franklin Williams, 39 Cortlandt, New York  
 EVERLASTINE varnish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.  
 EVERLASTING asbestos packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York  
 EVERLASTING babbitt metal—Lissberger, Marks & Son, 281 Borden av, Long Island City, N. Y.  
 EVERLASTING blow-off valves & gauge cocks—Patterson-Allen Engineering Co., 2 Rector, New York  
 EVERLASTING celluloid covered closet seats—Standard Tank & Seat Co., Camden, N. J.  
 EVERLASTING equalizers—Diamond Forging & Mfg. Co., Chartiers & Ridge av, Pittsburgh, Pa.  
 EVERLASTING flexible fabric tubing—Chicago Tubing & Braiding Co., 216 N. Clinton, Chicago, Ill.  
 EVERLASTING flexible steel mats—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.  
 EVERLASTING paints—Means & Thatcher, Norfolk Down, Quincy, Mass.  
 EVERLASTING paints—U. S. Refining Co., Cleveland, Ohio  
 EVERLASTING tank heaters—Heesen Bros. Co., Tecumseh, Mich.  
 EVERLASTING tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.  
 EVERNEW carriage top dressing—Felton-Silbey & Co., 140 N. 4th, Phila., Pa.  
 EVER READY batteries, battery connectors—American Ever Ready Works, Thompson av, L. I. City, N. Y.  
 EVER READY can openers—Bradley & Farnham, Middlefield, Conn.  
 EVER READY can openers—Ellis Mfg. Co., Milldale, Conn.  
 EVER-READY combination tools—Foote Mfg. Co., Dayton, Ohio  
 EVER-READY corn shellers—Star Heel Plate Co., Hamburg pl, Newark, N. J.  
 EVER-READY door stops—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 EVER READY gas engines—Bauer Machine Works Co., Kansas City, Mo.  
 EVERREADY helmets—Servus Rescue Equipment Co., 8 Johnson, Newark, N. J.  
 EVER-READY iron tub hoops—Weed & Co., 95 Swan, Buffalo, N. Y.  
 EVER READY miners' lamps—Chas. Hoppe Co., 111 Opera pl, Cincinnati, Ohio  
 EVER READY safety razors—American Safety Razor Co., 303 Jay, Brooklyn, N. Y.



- EVERY READY shoe stretchers—Wm. H. Horn & Bro., 431 3rd, Phila., Pa.
- EVER-READY spoke auger machines—House Cold Tire Setter Co., 220 S. 3rd, St. Louis, Mo.
- EVER READY telephone pads—S. I. Atwater, 101 Lafayette, New York
- EVER-READY tool emery grinders—Crestline Mfg. Co., Crestline, Ohio
- EVER READY DAYLO electric lamp flashlights—American Ever Ready Works, Thompson av, L. I. City, N. Y.
- EVERSON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- EVERSON water coolers—Everson Filter Co., 70 W. Lake, Chicago, Ill.
- EVER'S & HILDERBRANDT'S smoke houses—Evers Iron Works, Cleveland, Ohio
- EVER-TIGHT piston rings & packings—Ever Tight Piston Ring Co., 1424 Chestnut, St. Louis, Mo.
- EVER WEAR rubber roofing—National Roofing Material Co., Edwardsville, Ill.
- EVERYBODY'S washing machines—American Wooden Ware Mfg. Co., Toledo, Ohio
- EVERY DAY roasters & baking pans—Toledo Cooker Co., Toledo, Ohio
- EVERY READY tub hoops—Weed & Co., Buffalo, N. Y.
- EWALD berry boxes—Cumberland Fruit Package Co., Cumberland, Wis.
- EWART friction clutches & link-belt—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- EWING extensometers—Taylor Instrument Companies, Rochester, N. Y.
- EWLCO babbitt metal—Eagle White Lead Co., 1006 Broadway, Cincinnati, Ohio
- EXCEL incandescent lamps—Novelty Incandescent Lamp Co., Emporium, Pa.
- EXCELLO arc light carbons—Reisinger, Hugo, 11 Broadway, New York
- EXCELLO circuit batteries—Clark & Mills Elec. Co., Cambridge, Mass.
- EXCELLO harrows—Wm. Fetzer Co., Springfield, Ill.
- EXCELLO resistance wire—H. Boker & Co., 101 Duane, New York
- EXCELLO washing machines—Howe Co., Wheeling, W. Va.
- EXCEL-O-VALVE flushing valves & slow closing basin cocks—Excelvalve Co., 322 W. 58th, New York
- EXCELSIOR absorbent cotton—Maplewood Mills, Fall River, Mass.
- EXCELSIOR airometers—Denver Hydro Co., Denver, Colo.
- EXCELSIOR auger bits—C. E. Jennings & Co., 71 Murray, New York
- EXCELSIOR babbitt metal—Thomas Wildes' Son, 14 Dover, New York
- EXCELSIOR batteries—Waterbury Battery Co., Waterbury, Conn.
- EXCELSIOR belt dressing—A. W. Chesterton Co., 64 India, Boston, Mass.
- EXCELSIOR belting, belt lacing & apron leather—Wm. Coupe Co. (Ltd.), S. Attleboro, Mass.
- EXCELSIOR biscuit cutting machinery—L. A. Rockwell Co., 430 Smith, Brooklyn, N. Y.
- EXCELSIOR boiler compounds—Star Lubricating Oil Co., 8714 Broadway, Cleveland, Ohio
- EXCELSIOR boiler injectors & boiler feeders—N. A. Watson, Erie, Pa.
- EXCELSIOR brad-sets—Standard Tool Co., 94 Reade, New York
- EXCELSIOR can openers—Bradley & Farnham, Middlefield, Conn.
- EXCELSIOR can openers—Ellis Mfg. Co., Milldale, Conn.
- EXCELSIOR carriage fasteners—C. Cowles & Co., New Haven, Conn.
- EXCELSIOR chemicals—Wm. F. Jobbins, Aurora, Ill.
- EXCELSIOR chimney tops—Excelsior Fire Clay Co., Lisbon, Ohio
- EXCELSIOR china kilns—Hinz Mfg. Co., Detroit, Mich.
- EXCELSIOR cider mills—S. R. White's Sons, Norfolk, Va.
- EXCELSIOR clothes pin bags, coal bags, hammocks, skate straps—Excelsior Bag & Mfg. Co., Troy, N. Y.
- EXCELSIOR coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
- EXCELSIOR concrete mixers—Excelsior Mixer & Machinery Co., Milwaukee, Wis.
- EXCELSIOR corkboard insulation—Cork Insulation Co., Claremont, N. J.
- EXCELSIOR corn huskers—Wallingford Mfg. Co., Wallingford, Vt.
- EXCELSIOR cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
- EXCELSIOR cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
- EXCELSIOR fanning mills—Johnson & Field Mfg. Co., Racine, Wis.
- EXCELSIOR feed water heaters—Wm. Allen Sons Co., Worcester, Mass.
- EXCELSIOR felt cleansers—Paper Makers' Chemical Co., Easton, Pa.
- EXCELSIOR flour sieves—Leo. Schlesinger & Co., 66 Wooster, New York
- EXCELSIOR fly swatters & fly paper—Cassady-Fairbanks Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- EXCELSIOR gauge cocks—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- EXCELSIOR grease traps—Sproul & McGurrian Co., Grand Rapids, Mich.
- EXCELSIOR halter trimmings—Frazer & Jones Co., Syracuse, N. Y.
- EXCELSIOR harrow attachments—Dexter Co., Fairfield, Ia.
- EXCELSIOR hay presses—Collins Plow Co., Quincy, Ill.
- EXCELSIOR hose reels—Cardington Cabinet Co., Cardington, Ohio
- EXCELSIOR insulating paper—Meirowsky Bros., 106 Broadway, Jersey City, N. J.
- EXCELSIOR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
- EXCELSIOR knitting machine needles—Wardwell Needle Co., Lakeport, N. H.
- EXCELSIOR lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- EXCELSIOR lubricating oils & greases—Wm. P. Miller's Sons, Hancock, Long Island City, N. Y.
- EXCELSIOR mitre boxes—McFarlan & Spilker Mfg. Co., Colerain & Dorman, Cincinnati, Ohio
- EXCELSIOR motor cycles—Excelsior Motor Mfg. & Supply Co., 1820 N. Lawndale av, Chicago, Ill.
- EXCELSIOR oiled clothing—H. M. Sawyer & Sons, Cambridge, Mass.
- EXCELSIOR overhead washers—Vehicle Specialty Co., Hartford, Conn.
- EXCELSIOR packing, hose—Boston Belting Co., 84 Linden Park st, Boston, Mass.
- EXCELSIOR papermakers' felts—Bulkley, Dunton & Co., 75 Duane, New York
- EXCELSIOR peanut planters—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
- EXCELSIOR rubber valves—Excelsior Valve Co., 106 Fulton, New York
- EXCELSIOR sanded wall plaster—Empire Gypsum Co., Rochester, N. Y.
- EXCELSIOR shears—Excelsior Tool & Machine Co., 32nd & Ridge, E. St. Louis, Ill.
- EXCELSIOR soldering flux—Manhattan Electric Supply Co., 17 Park pl, New York
- EXCELSIOR soldering flux—National Lead Co., 111 Broadway, New York
- EXCELSIOR spray pumps & incubators & brooders—Wm. Stahl Sprayer Co., Quincy, Ill.
- EXCELSIOR stamp pads—B. G. Volger Mfg. Co., Passaic, N. J.
- EXCELSIOR steam & hot water heaters—Isaac A. Sheppard & Co., Erie av & Sepviva, Phila., Pa.
- EXCELSIOR steel—Milnor & Goodman, 17 Bridge, New York
- EXCELSIOR tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
- EXCELSIOR trestles—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
- EXCELSIOR trolley wheels—International Register Co., 15 Throop, Chicago, Ill.
- EXCELSIOR valves—Jenkins Bros., 82 White, New York
- EXCELSIOR valves—Kelly & Jones Co., Pittsburgh, Pa.
- EXCELSIOR vegetable cutters—Enterprise Mfg. Co. of Pa., Phila., Pa.
- EXCELSIOR vertical drilling machines—Royersford Foundry & Machine Co., Royersford, Pa.
- EXCELSIOR wall ties—Church Appliance Mfg. Co., La Salle, Ill.
- EXCELSIOR washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
- EXCELSIOR welding compounds—Cortland Specialty Co., Cortland, N. Y.
- EXCELSIOR well curbing—J. H. Bates, Arlington, R. I.
- EXCELSIOR wing dividers—Wm. Schollborn Co., New Haven, Conn.
- EXCELSIOR wire fence clamps—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- EXCELSIOR wire fences & gates, wire fence clamps—Excelsior Fence Co., Spokane, Wash.



**EXCELSIOR** wire rope & cables, wire fences & gates, wire poultry netting, wire picture cords, rust proof wire tree guards, fences, clothes line wire, lath wire, fence ratchets, riddle & sieves, screens, wire cloth, wire rope, tow lines, wire gauze splints—Wright Wire Co., Worcester, Mass.

**EXCELSIOR** wood split pulleys—Excelsior Pulley Co., Cuba, N. Y.

**EXCELSIOR** ANCHOR bolting cloth—Hammond-Homberger Co., Silver Creek, N. Y.

**EXCELSIOR** RED FRICTION belting—Boston Belting Co., 84 Linden Park, Boston, Mass.

**EXCELTILE** enameled metal tile—Stengel Bros. Co., Thompson & Chrtrs., Pittsburgh, Pa.

**EXEMPLAI** wood cross arms—Andrews Pettingell & Co., 166 Pearl, Boston, Mass.

**EXEMPLAR** insulating tape & insulator pins—Andrews Pettingell Co., 166 Pearl, Boston, Mass.

**EXETER** dry batteries—Stanley & Patterson, 23 Murray, New York

**EXETER** hot water radiators—Gibson Iron Works, Gibson City, Ill.

**EXHYDROPLASTIC** waterproofing materials—Universal Compound Co., 245 W. 26th, New York

**EXIDE** storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.

**EXO** automobile horns—Troy Auto Specialty Co., Troy, N. Y.

**EXPANSION** door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.

**EXPANSION** key chains—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

**EXPANSION** packing—A. W. Chesterton Co., 64 India, Boston, Mass.

**EXPANSION** pipe hangers—Fred. E. Glenn, St. Charles, Ill.

**EXPANSION** valve & service boxes—Jarecki Mfg. Co., Erie, Pa.

**EXPEDITE** paint & varnish remover—Pratt & Lambert, Buffalo, N. Y.

**EXPERT** corn cleaners, fanning mills, grain graders—Cleveland Mfg. Co., Minneapolis, Minn.

**EXPERT** fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.

**EXPERT** hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.

**EXPORT** carbon paper—J. A. Heale & Co., 96 John, New York

**EXPORT** clothes lines—Estes Mills, Falls River, Mass.

**EXPORT** typewriter ribbons—J. A. Heale & Co., 96 John, New York

**EXPRESS** egg & cream beaters—National Mfg. Co., Worcester, Mass.

**EXPRESS** neck yokes—Reno Mfg. Co., Erie, Pa.

**EXPRESS** telephone switchboards—American Electric Co., 6401 State, Chicago, Ill.

**EXPRESS** telephone switchboards—Kellogg Switchboard & Supply Co., 434 S. Green, Chicago, Ill.

**EXPRESS** vapor lamps—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.

**EXTRA** electric engine bolt steel—Old Dominion Iron & Nail Works Co., Belle Isle, Richmond, Va.

**EXTRA** LEAKY pipe strainers—Henry B. Pancoast Co., 243 S. 3rd, Phila., Pa.

**EXTRA** SPECIAL natural color waste—Estes Mills, Fall River, Mass.

**EYNON** engineers' specialties—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.

**EYNON-KORTING** boiler injectors—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.

**EYNON'S** milling cutters—Surerus & Greenhill, 502 W. Division, Chicago, Ill.

**EZEKIEL** PAGE boat oars—New York Boat Oar Co., 69 West, New York

**EZI** needle threaders—Rbeti-Hunt Corp., Putnam, Conn.

**EZYCATCH** fly traps—Thompson Co., Red Oak, Ia.

**EZY-OUT** screw extractors—Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio

**EZYTEST** burglar alarm window springs—Manhattan Electrical Supply Co., 17 Park pl, New York

**F** adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.

**F. A.** switchboards—Frank Adam Electric Co., 904-14 Pine, St. Louis, Mo.

**F-A-S** burning brands—F. A. Sackman, 482 Prospect av, Cleveland, Ohio

**F. B. C.** lock-nuts & washers—Flannery Bolt Co., Pittsburgh, Pa.

**F. C. W. & CO.** gasoline storage outfits—A. C. Kraft, 323 W. Lake, Chicago, Ill.

**F. F.** knife switches—Geo. Cutter Co., South Bend, Ind.

**F-F.** shock absorbers—France Mfg. Co., 1434 W 75th, Cleveland, Ohio

**F. F. C.** benzaldehyde—Chemical Co. of America, 320 Broadway, New York

**F-F-F-F** brattice cloth—Fulton Bag & Cotton Mills, Atlanta, Ga.

**F. F. G.** semi smokeless powder—King Powder Co., First Nat. Bank bldg., Cincinnati, Ohio

**F. F. V.** clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.

**F. F. V.** float valves—Henry C. Freshour, Bridgeport, Conn.

**F. P.** spark plugs—Central Appliance Co., Huntsville, Ala.

**F. P. SARGENT** leather gloves—Detroit Leather Specialty Co., 275 Beecher, Detroit, Mich.

**F-W.** Co. steam & hot water heaters—Fuller-Warren Co., 32nd cor. Wright, Milwaukee, Wis.

**F. & C. & C.** ironers—Columbia Mfg. Co., Columbia, Pa.

**F. & J.** disc harrows—Madison Plow Co., Madison, Wis.

**F. & J.** gasoline engines—Fuller & Johnson Mfg. Co., Madison, Wis.

**F. & J. BEMIS** tobacco transplanters—Madison Plow Co., Madison, Wis.

**F. & K.** bath waste & overflow—Findelison & Kropf Mfg. Co., 2100 S. Rockwell, Chicago, Ill.

**F. & P.** gasoline lighting systems—Incandescent Light & Stove Co., Cincinnati, Ohio

**F. & R.** pipe vises—Fulton Machine & Vise Co., Lowville, N. Y.

**F. & S.** ball bearings—Bearings Co. of America, Lancaster, Pa.

**F. & S.** ideal pumps—Field & Shorb Co., Decatur, Ill.

**F. & T.** composition flooring—Flexner-Taylor Co., Ltd., 786 E. B'way, So. Boston, Mass.

**F. & W.** gasoline engines—Flint & Walling Mfg. Co., Kendallville, Ind.

**FABER** blow-off valves—Elliott Co., Pittsburgh, Pa.

**FABRIKOID** imitation leather—Du Pont Fabrikoid Co., Wilmington, Del.

**FAB-RI-KO-NA** wall coverings—H. B. Wiggins Sons Co., Bloomfield, N. J.

**FABROIL** gears & pinions—General Electric Co., Schenectady, N. Y.

**FABROIL** gears & pinions—Philadelphia Gear Works, East Vine, Philadelphia, Pa.

**FACILE** creamery testers—D. H. Burrell & Co., Little Falls, N. Y.

**FACILE** pivoted window hardware—Facile Window Co., 103 Park av, New York

**FAFUIR** ball bearings—Fafuir Bearing Co., New Britain, Conn.

**FAHERTY** cylinder huller knives—French Oil Mill Machinery Co., Piqua, Ohio

**FAHNESTOCK** battery connectors—National Carbon Co., Cleveland, Ohio

**FAHNESTOCK** wire connectors—Fahnestock Electric Co., Meadow, Long Island City, N. Y.

**FAHRIG** babbitt metal—Fahrig Metal Co., 34 Commerce, New York

**FAIR** garden cultivators—Brown-Manly Plow Co., Malta, Ohio

**FAIRBANK** screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

**FAIRBANKS** hammers, power & belt driven, & forging machines—United Hammer Co., 141 Milk, Boston, Mass.

**FAIRBANKS** platform & stock scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.

**FAIRBANKS** scales, trucks, supplies—Fairbanks Co., 416 Broome, New York

**FAIRBANKS-MORSE** power & wind mill pumps, pumping jacks—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.

**FAIRDAY** clothes washing machines—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.

**FAIRFIELD** incubators & brooders—Nebraska Incubators Co., Fairfield, Nebr.

**FAIRFIELD** lawn swings—Fairfield Lawn Swing Co., Brunswick, Me.

**FAIRFIELD** rubber coated cloth—Du Pont Fabrikoid Co., Wilmington, Del.

**FAIRHURST** air compressors—American Air Compressor Works, 150 Van Brunt, Brooklyn, N. Y.

**FAIRMONT** gasoline engines—Fairmont Machine Co., Fairmont, Minn.

**FAIRMONT** miners' coal augers—Fairmont Mining Machinery Co., Fairmont, W. Va.

**FAIRY** hame fasteners—Covert Saddlery Works, Interlaken, N. Y.

**FAIRY** hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.

**FAIRY** hose nozzles—Landers, Frary & Clark, New Britain, Conn.

**FAIRY** ladders—Frizzell Ladder Co., 135 Granite av, Boston, Mass.

**FAIRY** lawn swings—Challenge Co., Batavia, Ill.



FAIRY radical gas heaters—Lawson Mfg. Co., Homestead, Pa.  
 FAIRY step ladders—Frizell Ladder Co., 135 Granite av., Boston, Mass.  
 FAIVRETTE clam shell buckets—Williams, G. H., Co., Erie, Pa.  
 FALCON cement—Balfour, Guthrie & Co., San Francisco, Cal.  
 FALCON crayons—Standard Crayon Mfg. Co., Danvers, Ill.  
 FALCON fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl., New York  
 FALCON fixture wrenches—Yost Electric Mfg. Co., Toledo, Ohio  
 FALCON plug spanners—J. H. Williams & Co., 150 Hamilton Av., Brooklyn, N. Y.  
 FALCON wall paper base cutters—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 FALES PATENT bench planes—Otis A. Smith, Rockfall, Conn.  
 FALK gasoline engines—Advance-Rumely Co., La Porte, Ind.  
 FALL RIVER butchers' knives—E. S. Hulbert & Co., Bernardstown, Mass.  
 FALLS friction clutches—Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio  
 FALLS greyhound solid tires—Falls Rubber Co., Cuyahoga Falls, Ohio  
 FAMA fire-proof floors—Minnesota Fama Stonewood Co., St. Paul, Minn.  
 FAMILY butchers' cleavers—Forsyth Metal Goods Co., E. Aurora, N. Y.  
 FAMOUS boiler compounds—Northrop Lubricating Oil Co., 308 N. Commercial av., St. Louis, Mo.  
 FAMOUS closet seats—C. F. Church Mfg. Co., Holyoke, Mass.  
 FAMOUS combination water-closets—Bowlers Mfg. Co., Springfield, Ohio  
 FAMOUS ensilage cutters—Jos. Dick Mfg. Co., Canton, Ohio  
 FAMOUS feed cutters—Jos. Dick Mfg. Co., Canton, Ohio  
 FAMOUS fodder cutters—Jos. Dick Mfg. Co., Canton, Ohio  
 FAMOUS kitchen knives, kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.  
 FAMOUS ladders—Goshen Churn & Ladder Co., Goshen, Ind.  
 FAMOUS lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
 FAMOUS Ohio cultivators & beet pullers—Ohio Cultivator Co., Bellevue, Ohio  
 FAMOUS oil filters—Northrop Lubricator Co., 308 N. Commercial av., St. Louis, Mo.  
 FAMOUS pumping engines—International Harvester Co., 230 Harvester bldg., Chicago, Ill.  
 FAMOUS Universal wood working machines—Tannetitz Works, 315 Front av., N. W., Grand Rapids, Mich.  
 FAMOUS BURTON bob sleds—Thornburgh Mfg. Co., Bowling Green, Ohio  
 FAMOUS ST. JOE riding & walking listers—St. Joseph Plow Co., St. Joseph, Mo.  
 FANCLEVE junction boxes—John L. Gleason, Jamaica Plains, Boston, Mass.  
 FANNING lemon squeezers—J. P. Fanning, 678 Jefferson av., Brooklyn, N. Y.  
 FARADAY electric bells—Stanley & Patterson, 23 Murray, New York  
 FARGO spring tooth harrows—Genesee Valley Mfg. Co., Mt. Morris, N. Y.  
 FARLEY cocks & bibbs—Crampton-Farley Brass Co., Kansas City, Mo.  
 FARLOW draft gear—T. H. Symington Co., Rochester, N. Y.  
 FARMER garden weeder—S. L. Allen & Co., Denckla bldg., Phila., Pa.  
 FARMER BOY tractors—McIntyre Mfg. Co., Columbus, Ohio  
 FARM KING hand forks—Pratt Fork & Hoe Corp., Frankfort, N. Y.  
 FARM KING sulky plows—Rockford Mfg. Co., Rockford, Ill.  
 FARM QUEEN gang plows—Rockford Mfg. Co., Rockford, Ill.  
 FARMERS' gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.  
 FARMERS' handy feed cookers—Empire Mfg. Co., Quincy, Ill.  
 FARMERS' root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 FARMERS' choice spray pumps—Humphreys Mfg. Co., Mansfield, Ohio  
 FARMERS' FAVORITE fanning mills—Johnson & Field Mfg. Co., Racine, Wis.  
 FARMERS' FAVORITE grain drills & rice planting drills—American Seeding Machine Co., Springfield, Ohio

FARMERS' FRIEND farm boilers—A. Buch's Sons Co., Elizabethtown, Pa.  
 FARMERS' FRIEND fertilizer distributors—Wirtz & Hernlen, Augusta, Ga.  
 FARMERS' FRIEND portable grain elevators—Cizek Bros. Mfg. Co., Clutier, Ia.  
 FARMERS' FRIEND portable grain elevators—G. & D. Mfg. Co., Streator, Ill.  
 FARMERS' FRIEND straw stackers—Indiana Mfg. Co., Indianapolis, Ind.  
 FARMERS' JOY sickle grinders—Western Implement Co., Port Washington, Wis.  
 FARNHAM vacuum rolls—Farnham Mfg. Co., 39 Indiana, Buffalo, N. Y.  
 FARNLEY iron—Houghton & Richards, 148 Oliver, Boston, Mass.  
 FARQUHAR hot air furnaces & furnace regulators—Farquhar Furnace Co., Wilmington, Ohio  
 FARQUHAR traction engines—A. B. Farquhar Co., York, Pa.  
 FARRELL grapple forks—Jno. Farrell & Son, Newton, N. J.  
 FARRIER drop forged wrenches—Kilborn & Bishop Co., New Haven, Conn.  
 FARRIS sand bands—Concord Axle Co., Penacook, N. H.  
 FARWELL foundry molding machines—Adams Co., Dubuque, Ia.  
 FARWELL gear hobbing machines, gear testing machines, milling machines, reamer grinders—Adams Co., Dubuque, Ia.  
 FASSETT signal lamps—Dressel Railway Lamp Works, 3800 Park av., New York  
 FASSMACHT wire bound boxes—Plymouth Novelty Mfg. Co., Plymouth, Ind.  
 FAST mail double-acting pumps—Flint & Walling Mfg. Co., Kendallville, Ind.  
 FAST RUNNER ice creepers—Norlund Mfg. Co., Williamsport, Pa.  
 FAUGHT'S closed hub wheels—Lobdell Car Wheel Co., G. nr Christiana, Wilmington, Del.  
 FAULKNER-ELLIS course indicators—John Hand & Sons Co., 222 Walnut, Phila., Pa.  
 FAULTLESS axes—Romer Axe Co., Dunkirk, N. Y.  
 FAULTLESS bed & furniture casters—Faultless Caster Co., Evansville, Ind.  
 FAULTLESS conductor pipe hooks—Klauer Mfg. Co., Dubuque, Ia.  
 FAULTLESS cocks & bibbs—J. J. Ryan & Co., 100 S. Jefferson, Chicago, Ill.  
 FAULTLESS dial thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.  
 FAULTLESS door rollers—Lawrence Bros., Sterling, Ill.  
 FAULTLESS fly swatters—National Mfg. Co., Worcester, Mass.  
 FAULTLESS garment hangers—National Hanger & Fixture Mfg. Co., 496 E. 134th, New York  
 FAULTLESS hay fork pulleys, door hangers, barn door rails, pump stands—F. E. Myers & Bro., 800 Orange, Ashland, Ohio  
 FAULTLESS hoes—Union Fork & Hoe Co., Columbus, Ohio  
 FAULTLESS hospital stretchers—H. D. Dougherty & Co., 17th & Indiana av., Phila., Pa.  
 FAULTLESS hot air furnaces—Graff Furnace Co., 105 W. 29th, New York  
 FAULTLESS insulating compounds—Candy & Co., 403 N. Paulina, Chicago, Ill.  
 FAULTLESS metal polish—Hawkeye Oil Co., Waterloo, Iowa.  
 FAULTLESS packing—Hoyt Metal Co., Boatmen's Bank bldg.  
 FAULTLESS paint & varnish remover—Geo. E. Watson Co., 62 W. Lake, Chicago, Ill.  
 FAULTLESS parting compounds—Hill-Griffith Co., 1262 State av., Cincinnati, Ohio  
 FAULTLESS pen & pencil clips—L. D. Van Valkenburg, Holyoke, Mass.  
 FAULTLESS pumps—F. E. Myers & Bro., Ashland, Ohio  
 FAULTLESS ranges—Faultless Iron Works, St. Charles, Ill.  
 FAULTLESS reducing wheels—Trill Indicator Co., Corry, Pa.  
 FAULTLESS stay rolls—Lawrence Bros., Sterling, Ill.  
 FAULTLESS step ladders—Goshen Mfg. Co., Goshen, Ind.  
 FAULTLESS stoves—Graff Furnace Co., 105 E. 29th, New York  
 FAULTLESS stump pullers—R. S. Caward, Cresco, Ia.  
 FAULTLESS unloaders—F. E. Myers & Bro., Ashland, Ohio  
 FAULTLESS water closets—Kretschmer Mfg. Co., Dubuque, Ia.



**FAULTLESS** V. V. clips—L. D. Van Valkenburg, Holyoke, Mass.  
**FAVARITE**—steel tray barrows—J. W. Conner & Son, Orangeville, Pa.  
**FAVORITE** alligator hay presses—J. A. Spencer, Dwight, Ill.  
**FAVORITE** bath brushes—Standard Brush Co., New Hartford, Conn.  
**FAVORITE** bob sleds—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.  
**FAVORITE** ceiling hooks—E. Jencks Mfg. Co., Worcester, Mass.  
**FAVORITE** chalk & masons' lines—Lees Mfg. Co., Westport, Conn.  
**FAVORITE** churns—Dobson Mfg. Co., Rockford, Ill.  
**FAVORITE** clothes dryers—Williamson Heater Co., Cincinnati, Ohio  
**FAVORITE** clothes washing machines—Favorite Mfg. Co., 115 W. Vine, Columbus, Ohio  
**FAVORITE** cork pullers—Arcade Mfg. Co., Freeport, Ill.  
**FAVORITE** flour sieves—Fred J. Meyers Mfg. Co., Hamilton, Ohio  
**FAVORITE** flue blowers—Sherwood Mfg. Co., Buffalo, N. Y.  
**FAVORITE** gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.  
**FAVORITE** gas ranges—Favorite Stove & Range Co., Piqua, Ohio  
**FAVORITE** gauge glass cutters—H. A. Rogers Co., 87 Walker, New York  
**FAVORITE** glass cutters—Browne & Dowd Mfg. Co., Meriden, Conn.  
**FAVORITE** glass cutters—Fletcher, Terry Co., Forestville, Conn.  
**FAVORITE** glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.  
**FAVORITE** harrows & pulverizers—Parlin & Orendorff Co., Canton, Ill.  
**FAVORITE** hydrants—Rumsey Pump Co., Ltd., Seneca Falls, N. Y.  
**FAVORITE** incubators & brooders—Leahy Mfg. Co., Higginsville, Mo.  
**FAVORITE** kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
**FAVORITE** knife & scissors grinders—Root-Heath Mfg. Co., Plymouth, Ohio  
**FAVORITE** lawn mower sharpeners—Root-Heath Mfg. Co., Plymouth, Ohio  
**FAVORITE** lawn mowers—American Lawn Mower Co., Muncie, Ind.  
**FAVORITE** meat & food choppers—Peck, Stow & Wilcox Co., Southington, Conn.  
**FAVORITE** mincing knives—Hutchins-Kilbourne Co., Buffalo, N. Y.  
**FAVORITE** overhead cut-off saws—J. W. Conner & Son, Orangeville, Pa.  
**FAVORITE** packing—Acme Rubber Mfg. Co., Trenton, N. J.  
**FAVORITE** packing—American Steam Packing Co., 10 High, Boston, Mass.  
**FAVORITE** pliers—Champion Tool Co., Meadville, Pa.  
**FAVORITE** spray pumps—Favorite Mfg. Co., Columbus, Ohio  
**FAVORITE** stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.  
**FAVORITE** stoves—Pittston Stove Co., Pittston, Pa.  
**FAVORITE** tank heaters—Challenge Co., Batavia, Ill.  
**FAVORITE** threshers—J. W. Connor & Son, Orangeville, Pa.  
**FAVORITE** tube scrapers—Stewart Heater Co., Buffalo, N. Y.  
**FAVORITE** valve grinders—Favorite Mfg. Co., 115 W. Vine, Columbus, Ohio  
**FAVORITE** water coolers—Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.  
**FAVORITE** window cleaners—Gardner Mfg. Co., Dayton, Ohio  
**FAW** auto creepers—J. W. Faw, Inc., 41 Warren, New York  
**FAY** calipers & dividers—L. S. Starrett Co., Athol, Mass.  
**FAY** cam cutting machines & engine lathes—Fay Machine Tool Co., 2nd & Glenwood av, Phila., Pa.  
**FAY'S** scroll saws—Henry Disston & Sons, Tacony, Phila., Pa.  
**FEARLESS** manure spreaders—Harder Mfg. Co., Cobleskill, N. Y.  
**FEARLESS** manure spreaders—Walter A. Wood, Hoosick Falls, N. Y.  
**FEARLESS** ranges—Faultless Iron Works, St. Charles, Ill.  
**FEATHER** mercury testing columns—N. B. Feather, Hackett, Newark, N. J.  
**FEATHEREDGE** sponge rubber—Featheredge Rubber Co., 458 W. Grand av, Chicago, Ill.

**FEATHERLIGHT** fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.  
**FEATHERLITE** metallic packing—Strong Machinery & Supply Co., 21 Walker, New York  
**FEATHERWEIGHT** card tables—E. T. Burrows Co., 70 Free, Portland, Me.  
**FEDERAL** belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
**FEDERAL** bench shears—Chandler & Farquhar Co., 36 Federal, Boston, Mass.  
**FEDERAL** blue printing machines—Keuffel & Esser, Hoboken, N. J.  
**FEDERAL** boiler compounds—Federal Graphite Mills, 2639 E. 79th, Cleveland, Ohio  
**FEDERAL** concrete hardeners—Federal Steel Cement Mills, Cleveland, Ohio  
**FEDERAL** elastic cements—Federal Process Co., Cleveland, Ohio  
**FEDERAL** folding clothes racks—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
**FEDERAL** incandescent lamps—Federal Miniature Lamp Division Nat'l Lamp Works of G. E. Co., 501 S. Jefferson, Chicago, Ill.  
**FEDERAL** metallic lockers—Federal Steel Fixture Co., 4545 Homer, Chicago, Ill.  
**FEDERAL** packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
**FEDERAL** planing machines—E. E. Bartlett, 326 A, Boston, Mass.  
**FEDERAL** plow clevises—Federal Malleable Co., West Allis, Wis.  
**FEDERAL** punches, rod & wire cutters—Chandler & Farquhar Co., 36 Federal, Boston, Mass.  
**FEDERAL** rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
**FEDERAL** water filters—Loomis Manning Filter Distributing Co., Phila., Pa.  
**FEHY** hose couplings—Elkhart Brass Mfg. Co., Elkhart, Ind.  
**FEHY** hose couplings—Farnan Brass Works Co., 1105 Center, N. W., Cleveland, Ohio  
**FEIST** trolley harps—W. R. Garton Co., 17 So. Desplaines, Chicago, Ill.  
**FELTEN & GUILLEAUME** piano wire—Hammacher, Schlemmer & Co., 133 4th av, New York  
**FELDING** flush plugs—H. T. Palate Co., 32nd & Arch, Phila., Pa.  
**FELLSSEN** pneumatic tires—Fellsen Tire Co., 1995 Broadway, New York  
**FELTA** water softening & purifying apparatus—Richmond Water Softener Co., Box 128, Richmond, Ind.  
**FELTEX** saturated felts—Philip Carey Mfg. Co., Lockland, Ohio  
**FELTHOUSEN** cylinder lubricators & gauge cocks—Sherwood Mfg. Co., Buffalo, N. Y.  
**FELTOLD** bed & furniture casters—Burns & Bassick Co., Bridgeport, Conn.  
**FELTOLD** window anti-rattlers—Peabody, Henry W., & Co., 17 State, New York  
**FELTON** conduit wiring rods—H. L. Bond Co., 391 Atlantic av, Boston, Mass.  
**FEMA** closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.  
**FEMCO** bath & basin traps—Frost Mfg. Co., Kenosha, Wis.  
**FENDEN** lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
**FENESTRA** wrought steel window frame—Detroit Steel Products Co., Detroit, Mich.  
**FENN** gear cutter grinders, bench drilling machines—Fenn Mfg. Co., 385 Broad, Hartford, Conn.  
**FENN'S** post hole augers—Fenn Mfg. Co., Charlotte, Mich.  
**FENN'S** rotary ventilators—Fenn Ventilator Co., 94 Blackstone, Boston, Mass.  
**FEPS** carbureters—Schoen-Jackson Co., Media, Pa.  
**FERALUN** brake shoes, stair treads—American Abrasive Metals Co., 50 Church, New York  
**FERGUSON** electric desk lights—J. Alexander Mfg. Co., 1931 Broadway, New York  
**FERGUSON** flue welding machines—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.  
**FERGUSON** gasoline engines—Ferguson Mfg. Co., Waterloo, Iowa  
**FERGUSON** locomotive fire kindler & flue welding furnaces—Railway Materials Co., Railway Exch. bldg., Chicago, Ill.  
**FERGUSON** rain gauges—International Instrument Co., 93 Church, Cambridge, Mass.  
**FERGUSON** tackle blocks—Pittsburgh Block & Mfg. Co., N. S., Pittsburgh, Pa.  
**FERGUSON** tube expanders—A. L. Henderer's Sons, Maryland av & Beach, Wilmington, Del.  
**FERNALD** anti rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio



- FERNALD trace holders—Fernald Mfg. Co., North East, Pa.
- FERNCO incandescent electric lamps—Franklin Electric Mfg. Co., Hartford, Conn.
- FERNOLEUM shingle stains—A. Wilhelm Co., Reading, Pa.
- FEROX iron oxide paints—Hammond Process Co., Norwich, Conn.
- FERRARIS ball mills—F. M. Davis Iron Works Co., Denver, Colo.
- FERREN can openers—Goodell Co., Antrim, N. H.
- FERRENEWO valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- FERRET automobile wrenches—Pederson Mfg. Co., 636 1st av, New York
- FERRO case compounds—C. G. Buchanan Chemical Co., 29 W 3rd, Cincinnati, Ohio
- FERRO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- FERROCAL heat treating wire baskets—C. O. Jelliff Mfg. Corp., Southport, Conn.
- FERRO-KEEP preserving & rust inhibitive paints—Harrison's, Inc., 35th & Grays' Ferry rd, Philadelphia, Pa.
- FERROINCLAVE fire-proof floors—Brown Hoisting Machinery Co., 4403 St. Clair, N. E., Cleveland, Ohio
- FERROLITHIC concrete reinforcing materials—Berger Mfg. Co., Canton, Ohio
- FERROSTAT vacuum bottles—Stanley Insulating Co., Great Barrington, Mass.
- FERRO TEX waterproofing materials—Monitor Oil Co., Cleveland, Ohio
- FERRY radiation pyrometers—Taylor Instrument Companies, Rochester, N. Y.
- FETCHUM tack claws & pullers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- FETTA filtering & purifying plants—Richmond Water Softener Co., Box 128, Richmond, Ind.
- FETTER'S sardine scissors—C. S. Osborne & Co., Harrison, N. J.
- FETZER harrows, drills, grass seeders, potato planters, plows, seeders & sowers—Fetzer & Co., Springfield, Ill.
- FEWING car replacers—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
- FIBERLIC wall boards—MacAndrews & Forbes Co., 200 5th av, New York
- FIBERTAN packing—Penna. Petroleum & Supply Co., 115 N. 2nd, Philadelphia, Pa.
- FIBO asbestos brake lining & sheet packing—Asbestos Fibre Spinning Co., North Wales, Pa.
- FIBREBESTOS packing—Akron Metallic Gasket Co., Akron, Ohio
- FIBREX tree wire—Simplex Wire & Cable Co., 201 Devonshire, Boston, Mass.
- FIBRINE insulating washers—Jno. M. Fox & Co., Portland, Me.
- FIBRO closet seats—Columbus Brass Co., Columbus, Ohio
- FIBRO-METALLIC asbestos packing—General Asbestos Rubber Co., Charleston, S. C.
- FIBROTTA fibre pails & cuspidors—Fibre Corporation, Lockport, N. Y.
- FIBROTTA water coolers—Cordley & Hayes, 7 Leonard, New York
- FIDELITY cotton & wool waste—J. Hilton Hagy Waste Works, 836 S. Swanson, Phila., Pa.
- FIDELITY packing—I. G. Jones Co., Syracuse, N. Y.
- FIDELITY rubber hose & packing—National India Rubber Co., Bristol, R. I.
- FIDELITY rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
- FIDELITY steam traps—Monash-Yunker Co., 1407 W. Jackson blvd, Chicago, Ill.
- FIEBING'S hoof dressing, harness soap, lusterine polish—Fiebing Chemical Co., Milwaukee, Wis.
- FIELD drag line excavators—Clyde Iron Works, Duluth, Minn.
- FIELD gasoline engines—Field-Brundage Co., Jackson, Mich.
- FIELD tower excavators—Clyde Iron Works, Duluth, Minn.
- FIELDING junction boxes, stage & receptacle plugs—Stanley & Patterson, 23 Murray, New York
- FIELDING receptacles—H. T. Paiste Co., 32nd & Arch, Phila., Pa.
- FIELDS tomato pulp cookers—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
- FILE 'EM QUICK skate sharpeners—Osborn Mfg. Co., 5404 Hamilton av, N. E., Cleveland, Ohio
- FILEINE cutting oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
- FILL-IT iron & steel filler cements—Doggett Stanley, 11 Cliff, New York
- FILL-IT pipe joint cements—Doggett Stanley, 11 Cliff, New York
- FIL-TITE putty powder—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
- FILTROLA coffee percolators—Crystal Percolator Co., 44 E. 23rd, New York
- FINCH turf edgers—Standard Earth Auger Co., 1128 Newport av, Chicago, Ill.
- FINGARBRITE hand soap—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
- FINLAYSON wire rope tramways—McFarlane Mfg. Co., 3309 Blake, Denver, Colo.
- FINNELL floor scrubbing machines—Finola Mfg. Co., Hannibal, Mo.
- FINNEY safety razors—H. C. Hart Mfg. Co., Unionville, Conn.
- FIRE hose linen hose—Thermold Rubber Co., Trenton, N. J.
- FIREARMS PET hose nozzles—Elkhart Brass Mfg. Co., Elkhart, Ind.
- FIRE FELT locomotive lagging—H. W. Johns-Manville Co., Madison av & 41st, New York
- FIRE FLY fire extinguishers—Northwestern Chemical Co., Marietta, Ohio
- FIREFLY garden weeder—S. L. Allen & Co., Denckla bldg., Phila., Pa.
- FIRE FLY spark plugs—Spark Plug Co., 3386 Broadway, Cleveland, Ohio
- FIRE-FLY storage batteries—Hoosier Storage Battery Co., Evansville, Ind.
- FIRE FOB forward paints—Price Fire & Waterproofing Co., Poughkeepsie, N. Y.
- FIRE HIGH pressure square packing—New York Belting & Packing Co., 91 Chambers, New York
- FIRE KING fire extinguishers—Henry K. Barnes Co., 234 Devonshire, Boston, Mass.
- FIRE KING gas heaters, laundry stoves, ranges—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.
- FIRE KING hose nozzles—Sieben Chemical Spraying Nozzle Co., Kansas City, Mo.
- FIRESIDE cobblers' outfit—Root-Heath Mfg. Co., Plymouth, Ohio
- FIRESTONE rubber tires, tire cements, horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
- FIRE WARDEN fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
- FIRMA gauge glasses—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
- FIRST kitchen cabinets—Faultless Iron Works, St. Charles, Ill.
- FISCHER'S double box blocker machines—Fischer Machine Works, 1845 Carroll av, Chicago, Ill.
- FISH oven builders—Fish Rotary Oven Co., Walworth, Wis.
- FISHER anvils—Fisher & Norris, Trenton, N. J.
- FISHER pump governors—Fisher Governor Co., Marshalltown, Ia.
- FISHER ventilators—Martin Fisher & Sons, 438 Pearl, Buffalo, N. Y.
- FISHER vises—Fisher & Norris, Trenton, N. J.
- FISK electric heaters—W. G. Nagel Elec. Co., Toledo, Ohio
- FISK rubber tires—Fisk Rubber Co., Chicopee Falls, Mass.
- FISKLOCK brick front—Boston-Fiske & Co., Inc., 40 W. 32d, New York
- FITALL pipe straps—Twisted Wire & Steel Co., 437 11th av, New York
- FITCH china kilns—Stearns, Fitch & Co., Springfield, Ohio
- FITCHBURG drilling & countersinking machines—Fitchburg Machine Works, Fitchburg, Mass.
- FITCHBURG files—Simonds Mfg. Co., Fitchburg, Mass.
- FITCHBURG steam engines—Fitchburg Steam Engine Co., Fitchburg, Mass.
- FITCHBURG stop & waste cocks—Hamlin & Emery Brass Co., 49 Island, Boston, Mass.
- FITZ-ALL paint & white wash spraying machines—H. L. Hurst Mfg. Co., Canton, Ohio
- FITZGERALD prepared plaster—United States Gypsum Co., Chicago, Ill.
- FIVE electric vacuum cleaners—Hurley Machine Co., 29 S. Clinton, Chicago, Ill.
- FIVE-MINUTE-CURE tire cements—American Tire & Rubber Co., Akron, Ohio
- FIXED nozzle boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
- FLAG padlocks—Slaymaker Lock Co., Lancaster, Pa.
- FLAHERTY carboy rockers—Elmer & Amend, 205 3rd av, New York
- FLAMOR flaming arc lamps—Chas. Hagstedt, 139 E. 54th, New York
- FLANDERS electric automobile horns—Flanders Co., Detroit, Mich.
- FLANNER water tube boilers—Springfield Boiler Co., Springfield, Ill.



FLASH anti-septic hand cleaners—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.  
 FLASH metal & furniture polish & antiseptic hand & liquid cleaner soap—Flash Chemical Co., Kendall sq, Cambridge, Mass.  
 FLASH roof flanges—Prier Brass Mfg. Co., Kansas City, Mo.  
 FLASH CAMFO-CEDAR insecticides—Flash Chemical Co., Kendall sq, Cambridge, Mass.  
 FLASH CREOTHOL disinfectants—Flash Chemical Co., Kendall sq, Cambridge, Mass.  
 FLASHED front brick—Ironclay Brick Co., Columbus, Ohio  
 FLASH-I-DO electric illuminated signs—Lindstrom Smith Co., 1104 S. Wabash av, Chicago, Ill.  
 FLASH VEGETOL vegetable oil soap—Flash Chemical Co., Kendall sq, Cambridge, Mass.  
 FLAXLINUM insulation—Northern Insulating Co., St. Paul, Minn.  
 FLAXOAP linseed oil soap—Sherwin-Williams Co., Cleveland, Ohio  
 FLEETWING steering sleds—Buffalo Sled Co., North Tonawanda, N. Y.  
 FLEETWOOD horse brushes—Standard Brush Co., New Hartford, Conn.  
 FLEMING gas generator furnaces—J. H. Gautier Co., Greene, Jersey City, N. J.  
 FLEMING lawn swings—Fleming & Sons Mfg. Co., Huntsville, Mo.  
 FLEMING shoe soling sewing machines—Landis Machine Co., 25th & Mullanphy, St. Louis, Mo.  
 FLEMING steam engines—Harrisburg Fdry. & Machine Works, Harrisburg, Pa.  
 FLENTJE shock absorbers—Flentje, Ernst, Cambridge, Mass.  
 FLETCHER carbureters—Trenton Brass & Machine Co., Trenton, N. J.  
 FLETCHER insulated racks—Fletcher Mfg. Co., Dayton, Ohio  
 FLETCHER'S dye tubs—J. I. Terhune, 164 Ward, Paterson, N. J.  
 FLEUR-DE-LIS dry batteries—French Battery & Carbon Co., Madison, Wis.  
 FLEUR-DE-LIS hinges—Griffin Mfg Co., Erie, Pa.  
 FLEUR-DE-LIS oil filters & steam traps—Boston Steam Specialty Co., 332 A, Boston, Mass.  
 FLEX clamp ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.  
 FLEX-A-TILE asphalt shingles—Heppes-Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.  
 FLEX-A-TILE-ROOFING ready asphalt—Heppes-Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.  
 FLEXIBLE belt dressing—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio  
 FLEXIBLE belt fasteners & belt lacing—Columbia Novelty Mfg. Co., 1431 N. 8th, St. Louis, Mo.  
 FLEXIBLE flyer children's steering sleds—S. L. Allen & Co., Denckla bldg., Phila., Pa.  
 FLEXIBLE key rings—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 FLEXIBLE laundry starch—Corn Products Refining Co., 17 Battery pl, New York  
 FLEXIBLE malleable iron cross arms—Creaghead Engineering Co., 340 Main, Cincinnati, Ohio  
 FLEXIBLE rawhide belting—Wm. Coupe Co., Ltd., South Attleboro, Mass.  
 FLEXIBLE tungsten lamps—Lux Mfg. Co., 1328 Broadway, New York  
 FLEXIBLE SUPPORT shaking screens—Link-Belt Co., 39th & Stewart av, Chicago, Ill.  
 FLEXIFOLD steering sleds—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 FLEXIPHONE desk telephone brackets—Holtzer-Cabot Electric Co., Brookline, Mass.  
 FLEXITE paints—Standard Paint Co., 233 Broadway, New York  
 FLEXITE round belting—F. Raniville Co., Grand Rapids, Mich.  
 FLEXITE sheet packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 FLEXITE BALATA belting—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 FLEXNER nail sound-proof cushions—Flexner-Taylor Co., Ltd., 786 E. Broadway, S. Boston, Mass.  
 FLEXO automobile belts—Detroit Leather Works, 141 Champlain, Detroit, Mich.  
 FLEXO incandescent gas mantles—Peerless Light Co., 174 W. Randolph, Chicago, Ill.  
 FLEXO plumbers' washers—Woodward-Wanger Co., 1106 Vine, Phila., Pa.  
 FLEXOL carriage top dressing & waterproofing materials—Flexol Co., 55 Liberty, New York  
 FLEXOLE belt dressing—E. N. Pike & Son, 261 Franklin, Boston, Mass.  
 FLEXOTILE sanitary flooring—Flexotile Floor Co., Rockford, Ill.

FLEXOTYPE duplicators—American Multigraph Sales Co., Cleveland, Ohio  
 FLEXOTYPE duplicators—Neidich Process Co., Burlington, N. J.  
 FLEXSTEEL conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.  
 FLEXSTONE fireproof & sanitary flooring—Flexstone Construction Co., Columbus, Ohio  
 FLEXTUBE non-metallic flexible conduit—National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.  
 FLINN steam traps—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.  
 FLINT cement plaster—United States Gypsum Co., Chicago, Ill.  
 FLINT-RIM wheels—Link-Belt Co., 39th & Stewart av, Chicago, Ill.  
 FLINT SHOT sand blast—United States Silica Co., 122 S. Michigan av, Chicago, Ill.  
 FLINTSTONE belting—Edward R. Ladew Co., 54 Franklin, New York  
 FLISCREEN window screens—H. C. Parlee & Co., 25 Haverhill, Boston, Mass.  
 FLODIN self-oiling wheels—Lake Shoe Engine Works, Marquette, Mich.  
 FLOORCOTE floor finish—Wm. Waterall & Co., Camden, N. J.  
 FLOORENITE floor finish—Atlantic Varnish Works, Inc., Richmond, Va.  
 FLOOR FLAT LAC floor finish—Emil Calman & Co., 100 William, New York  
 FLOOR SHINE finish & varnish—Borden Varnish Co., 816 S. Vandeventer av, St. Louis, Mo.  
 FLOORSTONA floor finish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.  
 FLORA radical gas heaters—Lawson Mfg. Co., Homestead, Pa.  
 FLORA water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.  
 FLORADORA insect guns—Thos. W. Houchin Co., 38 E. 21st, New York  
 FLORAL steam & hot water heaters—Monroe Foundry & Furnace Co., Monroe, Mich.  
 FLORAL CITY hot air furnaces, steam & hot water heaters—Monroe Foundry & Furnace Co., Monroe, Mich.  
 FLORAN collar shaping machines & seam dampening machines—Chicago Laundry Machinery Co., 119 N. Canal, Chicago, Ill.  
 FLORENCE oil stoves & heaters—Central Oil & Gas Stove Co., Gardner, Mass.  
 FLORENCE sewing machine—A. G. Mason Mfg. Co., Cleveland, Ohio  
 FLORENCE wagons—Florence Wagon Co., Florence, Ala.  
 FLORENTINE fresco colors—Devoe & Reynolds Co., 101 Fulton, New York  
 FLORENTINE hot water radiators—U. S. Radiator Corp., Detroit, Mich.  
 FLORENTINE SHELL PYRALINE toilet articles—The Arlington Co., 725-727 Broadway, New York  
 FLORIAN deadening felts—Bird & Son, East Walpole, Mass.  
 FLORIDA mine car wheels—Lake Shore Engine Works, Marquette, Mich.  
 FLORIDA spray pumps—Rumsey Pump Co., Box J, Seneca Falls, N. Y.  
 FLORIDIN Fuller's earth—Floridin Co., Warren, Pa.  
 FLORY slate drilling & countersinking machines—S. Flory Mfg. Co., Bangor, Pa.  
 FLOTTA mica lubricants—Wm. T. Johnston Co., 3rd & Vine, Cincinnati, Ohio  
 FLOUR CITY gasoline engines, traction engines—Kinnard-Haines Co., Minneapolis, Minn.  
 FLOWER valves—Stephens-Roe Mfg. Co., Detroit, Mich.  
 FLOWKOTE enamels—Harrison's, Inc., 35th & Grays Ferry rd, Philadelphia, Pa.  
 FLUSH-O-VALVE flushing valves—Flush-O-Valve Co., 245 Centre, New York  
 FLUSH TOP cellar doors—A. Lucas & Sons, 1329 S. Washington, Peoria, Ill.  
 FLUXINE brazing compounds—Krembs & Co., 173 N. Green, Chicago, Ill.  
 FLYER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.  
 FLYFOOT belt dressing—Chas. A. Schieren & Co., 30 Ferry, New York  
 FLYING DUTCHMAN carving lathes—Valley City Machine Works, Grand Rapids, Mich.  
 FLYING DUTCHMAN cultivators, gang plows, planters, disc harrows, hay rakes, hay loaders, seeders & sowers—Moline Plow Co., Moline, Ill.  
 FLYING DUTCHMAN trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.



FLYING MERKEL bicycles & motor cycles—Miami Cycle & Mfg. Co., Middletown, Ohio  
 FLYING SWEDE portable grain elevators—O'Neill Implement Co., Marseilles, Ill.  
 FLYING YANKEE extension ladders—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.  
 FLY KING insecticides—G. E. Conkey Co., Cleveland, Ohio  
 FLYNN steam traps—B. F. Sturtevant Co., 15 Damon, Hyde Park, Boston, Mass.  
 FLY PIE poison fly killers—Craun Bros., Butler, Ind.  
 FOEN electric hair dryers—Sanax Co., 125 E. 23rd, New York  
 FOGARTY-THOENS feed water regulators—James H. Fogarty, 126 Liberty, New York  
 FOIL cigarette packing machines—American Machine & Foundry Co., 346 Carroll, Brooklyn, N. Y.  
 FOLEY band saw filing & setting machines—Wellman Pattern Supply Co., Cleveland, Ohio  
 FOLEY brass cleanouts—Hays Mfg. Co., Erie, Pa.  
 FOLEY spray nozzles—Loeffelholz Co., Milwaukee, Wis.  
 FOLLY'S tight joint fittings—Tight Joint Co., 306 E. 47th, New York  
 FOLSOM steel ranges—C. G. Folsom Mfg. Co., South Bend, Ind.  
 FOOT cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.  
 FOOTE cherry stoners & stemming machines—Foote Bros. Gear & Machine Co., 210-220 N. Carpenter, Chicago, Ill.  
 FOOTE concrete mixers & friction drum hoists—C. Foote Mfg. Co., Nunda, N. Y.  
 FORBES ground connection clamps—Cleverly Electrical Works, 17 N. 7th, Phila., Pa.  
 FORBES hot air furnaces—Thomas Roberts Stevenson & Co., American & Dauphin, Philadelphia, Pa.  
 FORBES hot air furnaces—Tubular heating & Ventilating Co., 228 Quarry, Philadelphia, Pa.  
 FORBES pipe cutting & threading machines—Curtis & Curtis Co., Bridgeport, Conn.  
 FORBES & MYERS electric motors & grinders—Forbes & Myers, 169 Union, Worcester, Mass.  
 FORCE power hammers—Central Machine Works Co., Minneapolis, Minn.  
 FORCITE explosives—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 FORD automobile wrenches—Improved Gauge Mfg. Co., 320 W. Water, Syracuse, N. Y.  
 FORD ore concentrators—Union Iron Works Co., Springfield, Mo.  
 FORD refrigerators—Alaska Refrigerator Co., Muskegon, Mich.  
 FORD screw driver bits, electricians' drills & tree-nail augers—Ford Auger Bit Co., Holyoke, Mass.  
 FORD tank valves—Thomas P. Ford Co., 407 Broome, New York  
 FORD vehicle washers—Nunn Brass Works, Rochester, N. Y.  
 FORD'S weather strips—Ford Mfg. Co., Holyoke, Mass.  
 FORD'S PYRAMID rubber roofing—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.  
 FOREST log loaders—National Iron Co., Duluth, Minn.  
 FOREST CITY packing—Mechanical Rubber Co., Cleveland, Ohio  
 FOREST CITY paint & varnish remover—Forest City Paint & Varnish Co., Cleveland, Ohio  
 FOREST CITY wood bits—Forest City Bit & Tool Co., Rockford, Ill.  
 FOREST KING logging carts—Williams Mfg. Co., Macon, Ga.  
 FOREST RIVER white & red lead—Chadwick-Boston Lead Co., Boston, Mass.  
 FORKNER cultivators & harrows—Light Draft Harrow Co., Marshalltown, Ia.  
 FORMA-GERMKILL fumigators—Central City Chemical Co., 1520 N. Wood, Chicago, Ill.  
 FORMAN'S FAMOUS oak flooring—Thos. Forman Co., Fort W. & M. R. R., Detroit, Mich.  
 FORMICA commutator rings—Electric Service Co., 214 Walnut, Cincinnati, Ohio  
 FOROZ iron oxide paints—Hammond Process Co., Norwich, Conn.  
 FORSTER closet waste connections—Atlas Brass Works, 827 Folsom, San Francisco, Cal.  
 FORSTER rock crushers—Phillips & McLaren, 24th & Smallman, Pittsburgh, Pa.  
 FORSTNER auger bits—Progressive Mfg. Co., Torrington, Conn.  
 FORSTNER PAT'N auger special bits—A. L. Adams, Bridgeport, Conn.  
 FORSYTH HOLLOW SQUARE packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 FORSYTH'S draughting tables—Lutz Co., Guttenburg, N. J.

FORT CLYDE lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av., Chicago, Ill.  
 FORT DEARBORN lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av., Chicago, Ill.  
 FORT DODGE cement—Fort Dodge Portland Cement Corp., Fort Dodge, Ia.  
 FORT DOUGLASS lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av., Chicago, Ill.  
 FORT DUQUESNE belt dressing—Pittsburgh Gage & Supply Co., 30th & Liberty av., Pittsburgh, Pa.  
 FORTER gas producers & gas values—Forter-Miller Eng. Co., Pittsburgh, Pa.  
 FORTER reversing valves—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 FORT PITT liquid soap—Fort Pitt Chemical Co., 200 S. Highland av., Pittsburgh, Pa.  
 FORT PITT packing—Pittsburgh Gage & Supply Co., 30th & Liberty av., Pittsburgh, Pa.  
 FORT PITT paints—W. W. Lawrence & Co., Pittsburgh, Pa.  
 FORT SMITH farm wagons—Fort Smith Wagon Co., Fort Smith, Ark.  
 FORT SNELLING lubricating oils & greases—Dearborn Chemical Co., 332 S. Michigan av., Chicago, Ill.  
 FORTUNE hot air furnaces & gas ranges—Thomas, Roberts, Stevenson & Co., American & Dauphin, Philadelphia, Pa.  
 FORT WAYNE rock & ore crushers—American Road Machinery Co., Kennett sq., Pa.  
 FOSKETT plate scrapers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 FOSKET & BISHOP steam traps—Foskett & Bishop Co., New Haven, Conn.  
 FOSS expansion bits—Stanley Rule & Level Co., New Britain, Conn.  
 FOSSTON fanning mills, full wind stackers & ratchet wrenches—Fosston Mfg. Co., St. Paul, Minn.  
 FOSTER cotton planters—S. R. White's Sons, Norfolk, Va.  
 FOSTER grate bars—F. W. Foster & Sons Co., 99 Haverhill, Boston, Mass.  
 FOSTER grate bars—Woburn Iron Foundry, Woburn, Mass.  
 FOSTER hollow set screws—New Haven Screw Co., New Haven, Conn.  
 FOSTER hydraulic rams & steam superheaters—Power Specialty Co., 111 Broadway, New York  
 FOSTER pyrometers—Taylor Instrument Companies, Rochester, N. Y.  
 FOSTER rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.  
 FOSTER shaking grates—F. W. Foster & Sons Co., 99 Haverhill, Boston, Mass.  
 FOSTER shock absorbers—Gabriel Horn Mfg. Co., Cleveland, Ohio  
 FOSTORIA incandescent electric lamps—Fostoria Incandescent Lamp Division of G. E. Co., Fostoria, Ohio  
 FOULIS gas governors—Helme & McIlhenny, 1339 Cherry, Phila., Pa.  
 FOUNTAIN lawn sprinklers—Standard Stamping Co., Marysville, Ohio  
 FOUNTAIN CITY grain drills—American Seeding Machine Co., Springfield, Ohio  
 FOUR ACE packing—Revere Rubber Co., Chelsea, Mass.  
 FOUR BROS. axle grease—Hisgin Bros., Albany, N. Y.  
 FOUR BURR corn & cob mills—Bovee Furnace Works, Waterloo, Ia.  
 400 SERIES steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.  
 4-IN-1 screw drivers—E. Edelmanna & Co., 345 E. Ohio, Chicago, Ill.  
 4-IN-1 spark plug wrenches—Chas. Miller, Syracuse, N. Y.  
 FOUR-IN-ONE step ladders—Four-in-One-Ladder Mfg. Co., Mishawaka, Ind.  
 FOUR STAR cement—Fort Scott Hydraulic Cement Co., Fort Scott, Kan.  
 FOUST jigs for coal washeries—Link-Belt Co., 39th & Stewart av., Chicago, Ill.  
 FOWLER curtain rods—Fowler & Co., Worcester, Mass.  
 FOWLER furnace regulators—Frank E. Woodward & Co., Boston, Mass.  
 FOWLER headlights, automobile burners, horns, lamps, storage batteries, wind shields—Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.  
 FOWLER sickle grinders—S. Cheney & Son, Manlius, N. Y.  
 FOX bevels—Wiebusch & Hilger, 106 Lafayette, New York  
 FOX corrugated furnaces—Continental Iron Works, Brooklyn, N. Y.



FOX floor scraping machines—Fox Supply Co., Brooklyn, Wis.  
 FOX fuel oil burners—American Equipment Co., Norristown, Pa.  
 FOX store trucks—Z. F. Fox & Son, Freeport, Mich.  
 FOX turret lathes—American Tool & Machine Co., 10 High, Boston, Mass.  
 FOXBORO clocks, flow meters, gauges, speed indicators, time recorders & thermometers—Foxboro Company, Foxboro, Mass.  
 FOXPASTE dry powder—M. Ewing Fox Co., 241 E. 136th, New York  
 FOX'S steel squares—Fred. G. Breul, Bridgeport, Conn.  
 FOX'S T squares—Challenge Cutlery Corporation, Bridgeport, Conn.  
 FOYER carbon paper, typewriter ribbons—Chas. A. Foyer & Co., 1120 Prospect av, Cleveland, Ohio  
 FRAHM frequency meters—James G. Biddle, 1211 Arch, Phila., Pa.  
 FRAIM night latches—E. T. Fraim Lock Co., Lancaster, Pa.  
 FRALEY electric hand massage vibrators—Schunck & Ogg, 235 Canal, New York  
 FRANCE fibrous packing—France Packing Co., Tacony, Phila., Pa.  
 FRANCIS blind fasteners—Stanley G. Flagg & Co., Morris bldg., Phila., Pa.  
 FRANCIS engraving machines—Warner Mfg. Co., 810 Citizens bldg, Cleveland, Ohio  
 FRANCIS turbine water wheels—Camden Water Wheel Works, Camden, N. J.  
 FRANCIS turbine water wheels—I. P. Morris Co., Beach & Ball, Phila., Pa.  
 FRANCIS turbine water wheels—Platt Iron Works Co., Dayton, Ohio  
 FRACLEVE switch boxes—John L. Gleason, Jamaica Plains, Boston, Mass.  
 FRANCO dry batteries—Interstate Electric Novelty Co., 29 Park pl, New York  
 FRANKFORT melting furnaces—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio  
 FRANKLIN asbestos packing, pipe & boiler coverings, insulating paper, cements—Franklin Mfg. Co., Franklin, Pa.  
 FRANKLIN ball joints, locomotive lubricators, & locomotive grate shakers—Franklin Railway Supply Co., Franklin, Pa.  
 FRANKLIN batteries—Enterprise Electric Supply Co., Latrobe, Pa.  
 FRANKLIN battery zincs—Grasselli Chemical Co., Cleveland, Ohio  
 FRANKLIN belting & rubber hose—Combination Rubber Mfg. Co., Bloomfield, N. J.  
 FRANKLIN carbureters—Franklin Oil & Gas Co., Bedford, Ohio  
 FRANKLIN cements & insulating compounds—Franklin Co., West Bound Brook, N. J.  
 FRANKLIN cotton hose—Mechanical Rubber Co., 73 Reade, New York  
 FRANKLIN cranes—Franklin Portable Crane & Hoist Co., Box 516, Franklin, Pa.  
 FRANKLIN gaggers—Franklin Core Rod & Gagger Co., Franklin, Pa.  
 FRANKLIN gasoline blow torches—Turner Brass Works, Sycamore, Ill.  
 FRANKLIN grease traps—R. Estabrook's Sons, 204 W. 1st, South Boston, Mass.  
 FRANKLIN incandescent electric lamps—Franklin Electric Mfg. Co., Hartford, Conn.  
 FRANKLIN packing—Wise & Bailey, 108 Walnut, Phila., Pa.  
 FRANKLIN picture hooks—Parker Wire Goods Co., Worcester, Mass.  
 FRANKLIN spelter—New Jersey Zinc Co., 55 Wall, New York  
 FRANKLIN trolley wheels—Benedict & Burnham Branch, Waterbury, Conn.  
 FRANKLIN woven wire fence stretchers—Smith Hardware & Mfg. Co., De Kalb, Ill.  
 FRANTZ PREMIER vacuum cleaners—Frantz Premier Co., Cleveland, Ohio  
 FRANZ SCHMIDT spectrosopes & polariscopes—Eimer & Amend, 205 3rd av, New York  
 FRASER dowel pins & dowels—Federal Malleable Co., West Allis, Wis.  
 FRAZER lubricating oils & greases & harness soap—Frazer Lubricator Co., 3921 Normal, Chicago, Ill.  
 FRASER packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.  
 FRAY'S screw driver bits—John S. Fray Co., Bridgeport, Conn.  
 FRAZER-ADAMS marine engines—Frazer Bros. Co., Adams, N. Y.  
 FRAZERIED soldering paste—Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.

FRAZER'S moulders' flask pins—Milwaukee Foundry Supply Co., Milwaukee, Wis.  
 FRAZER'S pipe joint cements—Frazer Paint Co., Detroit, Mich.  
 FRAZIER package handles—Tie Co., Unadilla, N. Y.  
 FRECO electric bells—Russell Electric Co., Danbury, Conn.  
 FREDONIA cement—Fredonia Portland Cement Co., Fredonia, Kan.  
 FREE spool metal fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.  
 FREED steam & hot water heaters—Freed Heater Co., Collegeville, Pa.  
 FREELAND car derailleurs—Hobart Allfree Co., 37 W. Vanburen, Chicago, Ill.  
 FREELAND farm boilers—Freeland Steel Tank Co., Portage, Wis.  
 FREELAND steel corn cribs—Iron Crib & Bin Co., Wooster, Ohio  
 FREEMAN bone mills—S. Freeman & Sons Mfg. Co., Racine, Wis.  
 FREEMAN steam hoists—United Iron Works Co., Springfield, Mo.  
 FREEPORT blow-off valves—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.  
 FREEPORT mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.  
 FREEPORT wagons—Moline Plow Co., Moline, Ill.  
 FREEZE-NO-MORE anti-freezing compounds—Corliss Mfg. & Supply Co., 1906 Olive, St. Louis, Mo.  
 FREID tool steel—Foreign Steel Co., 140 Cedar, New York  
 FREMCO bath waste—Frost Mfg. Co., Kenosha, Wis.  
 FREMONT hot air furnaces—Niagara Falls Furnace Co., Niagara Falls, N. Y.  
 FRENCH Caen stone finish paints—Glidden Varnish Co., Cleveland, Ohio  
 FRENCH egg & cream beaters—National Mfg. Co., Worcester, Mass.  
 FRENCH fruit & vegetable slicers—Landers, Frary & Clark, New Britain, Conn.  
 FRENCH metal polish—Marshall Oil Co. of Iowa, Marshalltown, Ia.  
 FRENCH pipe cutting machines & lead joint removers—A. P. Smith Mfg. Co., East Orange, N. J.  
 FRENCH AMERICAN rat traps—Edw. Darby & Sons Co., 239 Arch, Phila., Pa.  
 FRENCH GLOSS shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.  
 FRENCH'S adjustable taps—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.  
 FRENCH'S cements, paints, enamels—Samuel H. French & Co., 4th & Callowhill, Phila., Pa.  
 FRESH work cigar machinery—American Machine & Foundry Co., 346 Carroll, Brooklyn, N. Y.  
 FRES-KO-KOTE kalsomine—Manhattan Color Works, 114 W. End av, New York  
 FRESNO drag road scrapers—Sidney Steel Scraper Co., Sidney, Ohio  
 FRESNO pruning shears—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 FREYER automobile wheels—Phelps Mfg. Co., Columbus, Ohio  
 FREY'S wagon jacks—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 FRIBERG milk strainers—Sanitary Strainer Co., Maiden Rock, Wis.  
 FRICK self winding clocks—Landis Engng. & Mfg. Co., Waynesboro, Pa.  
 FRICKE polishing cloths—Adolph Fricke, 73 Franklin, New York  
 FRIDAY butter printer—J. G. Cherry Co., Cedar Rapids, Ia.  
 FRIDAY butter printing & cutting machines—D. H. Burrell & Co., Little Falls, N. Y.  
 FRIEDMANN boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York  
 FRIEDSTEDT interlocking channel bar piling—Carnegie Steel Co., Pittsburgh, Pa.  
 FRIGIDOMETERS marine ice detectors—McNab Co., Bridgeport, Conn.  
 FRINK pyrometers—Frink Pyrometer Co., Lancaster, Ohio  
 FRISBIE friction clutches—Eastern Machinery Co., New Haven, Conn.  
 FROG scrubbing brushes—Standard Brush Co., New Hartford, Conn.  
 FROMM vibrating tachometers—James G. Biddle, 1211 Arch, Phila., Pa.  
 FRONT ranks hot air furnaces—Haynes-Langenberg Mfg. Co., 4045 Forest Park blvd., St. Louis, Mo.  
 FROST ball cocks & flushing valves—Frost Mfg. Co., Kenosha, Wis.  
 FROST friction clutches & feed water heaters—Frost Mfg. Co., Galesburg, Ill.



- FROSTBURG miners' safety lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
- FROST KING gas & gasoline engines—John Lauson Mfg. Co., New Holstein, Wis.
- FROST KING ice cream freezers—Richmond Cedar Works, Richmond, Va.
- FROSTO anti-freezing water closets—Haines, Jones & Cadbury Co., 1140 Ridge av, Phila., Pa.
- FROST'S cupboard catches—Hardware Supply Co., Grand Rapids, Mich.
- FRUGAL gas sad irons—American Pressing Iron Co., 48 E. 8th, New York
- FRUIN-TOBIN horseshoes—Fruin Drop Forge Co., 347 Root, Chicago, Ill.
- FRUITFUL spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
- FRUIT OF THE LOOM cotton sheeting—Hebron Mfg. Co., Providence, R. I.
- FRUIT PICKER extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
- FRUTTALL spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
- FRY'S adjustable draughting tables—Fritz Mfg. Co., Grand Rapids, Mich.
- FUEL-ITE dynamite—Burton Powder Co., Pittsburgh, Pa.
- FUELSAVER furnace regulators—F. D. Kees Mfg. Co., Beatrice, Neb.
- FULCA sheet rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
- FULLER automobile trunks—G. W. Fuller Co., Hartford, Conn.
- FULLER bath cocks—Dick Bros., Inc., Reading, Pa.
- FULLER-LEHIGH ball mills & pulverizers—Lehigh Car Wheel & Axle Works, Catasauqua, Pa.
- FULLER & JOHNSON harrow carts—Madison Plow Co., Madison, Wis.
- FULLER'S wall paper cleaners & cold water paste—A. B. Fuller, 188 W. 3rd, St. Paul, Minn.
- FULLER'S BARNACLE paper hangers' & painters' size—H. B. Fuller Co., St. Paul, Minn.
- FULLER'S GUMTAC adhesive gum—H. B. Fuller Co., St. Paul, Minn.
- FULLERTON SYSTEM, window & store front construction—Gorham Co. Arch'l Bronze, 5th av & 36th, New York
- FULLMAN lock-nuts & washers, brass bushings, conduit benders, outlet boxes—Steel City Electric Co., Pittsburgh, Pa.
- FULLNEAN junction boxes—Steel City Electric Co., 1207 Washington av, Pittsburgh, Pa.
- FULLNER water filters—Moore & White Co., N. 15th & Lehigh av, Phila., Pa.
- FULMER roof snow guards—J. H. Fulmer, Nazareth, Pa.
- FULTON hack saw blades—Montgomery & Co., 105 Fulton, New York
- FULTON mining tools—Fulton Tool Works, Canal Fulton, Ohio
- FULTON pump governors & pressure regulators—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.
- FULTON pumps & vises—Fulton Machine Co., Lowville, N. Y.
- FULTON shotguns—Hunter Arms Co., Fulton, N. Y.
- FURBUSH cotton pickers, balling machines, beamers, bobbin winders, cotton batting machinery, mules, doffer combs, spoolers—Smith & Furbush Machine Co., Phila., Pa.
- FURNITURE CITY refrigerators—Northern Refrigerator Co., Grand Rapids, Mich.
- FURNOIL floor polish—American Chemical & Mining Co., Atlanta, Ga.
- FURSTADE folding cots—Peoria Auto-Kot Co., Peoria, Ill.
- FYBEROID insulating paper—Wilmington Fibre Specialty Co., Ford bldg., Wilmington, Del.
- G.-A. ball bearings—German-American Ball Bearing Mfg. Co., 344 Sheldon, Chicago, Ill.
- G. B. soldering iron heaters—G. Bickelhaupt Skylight Works, 722 11th av, New York
- G. B. valve reseating tools—G. B. Garage & Mfg. Co., Hempstead, N. Y.
- G. E. incandescent electric lamps, Mazda lamps, dynamos, motors, cooking utensils, centrifugal compressors, steam turbines—General Electric Co., Schenectady, N. Y.
- G-E-M steel shipping barrels—Pressed Steel Products Co., Sharon, Pa.
- G. F. fireproofing material—The General Fireproofing Co., Youngstown, Ohio
- G. F. E. hose valves—General Fire Extinguisher Co., Providence, R. I.
- G-K sewer joint compounds—Merritt Hydraulics Co., 110 N. Broad, Phila., Pa.
- G.-P. tire air pumps—Gleason-Peters Air Pump Co., 255 Classon av, Brooklyn, N. Y.
- G. P. universal joints—Gem Mfg. Co., Goebel, nr. Fulton, N. S., Pittsburgh, Pa.
- G. R. S. block system signals—General Railway Signal Co., Rochester, N. Y.
- G. S. plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
- G. S. F. electric furnaces—Siemens & Halske Co., 90 West, New York
- G. T. D. arbors, bolt pointers, chucks, countershafts, countersinks, dies, gauges, die heads, hobs, holders, machinery, machines, micrometers, plates, reamers, stocks & dies, taps & drills, tools, wrenches, shrinkers—Greenfield Tap & Die Corp., Greenfield, Mass.
- G. V. conduit fittings—Fairmount Electric & Mfg. Co., 2203 Pearl, Phila., Pa.
- G-V tower wagons—General Vehicle Co., Long Island City, N. Y.
- G. V. universal conduit couplings, ground connection clamps & junction boxes—Gillette-Vibber Co., New London, Conn.
- G. W. cement—Great Western Portland Cement Co., Kansas City, Mo.
- G. W. metal polish—Great Western Oil Co., Cleveland, Ohio
- G. W. K. packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
- G. & B. transits—Geier & Bluhn, 5 Front, Troy, N. Y.
- G. & G. telescopic ash can hoists—Gillis & Geoghegan, 537 W. Broadway, New York
- G. & J. rubber tires—G. & J. Tire Co., Indianapolis, Ind.
- G. & K. belting—Grafton & Knight Mfg. Co., Worcester, Mass.
- G. & L. wood trimming machines—Giddings & Lewis Mfg. Co., Fond du Lac, Wis.
- G. & R. gun cleaning rods—G. G. Rupert, Decatur, Ill.
- G. & S. neverbreak automobile tire trunks—L. Goldsmith & Son, Cherry, Newark, N. J.
- G. & W. potheads & sleeves—G. & W. Electric Specialty Co., 6308 W. Washington, Chicago, Ill.
- GAAR SCOTT stackers, traction engines, grain weighers—M. Rumely Co., La Porte, Ind.
- GABLE water heaters—McDowell Mfg. Co., Home Trust bldg., Pittsburgh, Pa.
- GABRIEL concrete reinforcing materials—Gabriel Reinforcement Co., Penobscot bldg., Detroit, Mich.
- GACO gauges, gauge cocks, exhaust heads, roof ventilators—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
- GADE farm gates—Gade Bros. Mfg. Co., Iowa Falls, Ia.
- GADEY draft inducer—Brown Specialty Machinery Co., 2440 W. 22d, Chicago, Ill.
- GAGE carpenters' gauges—Gage Tool Co., Vineland, N. J.
- GAINADAY electric washer & wringer—Pittsburgh Gauge & Supply Co., Pittsburgh, Pa.
- GAINES locomotive furnaces—American Arch Co., 30 Church, New York
- GALE agricultural tools—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- GALE barn ventilators—Galesburg Sheet Metal Works, Galesburg, Ill.
- GALE beet cultivators, beet pullers, gang plows, bean harvester attachments—Gale Mfg. Co., Albion, Mich.
- GALE propeller wheels—Hyde Windlass Co., Bath, Me.
- GALE-BALDWIN ensilage cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- GALENA animal pokes—Hughes & Smythe, Galena, Ohio
- GALENA signal oils—Galena-Signal Oil Co., Franklin, Pa.
- GALESBURG broom corn cleaners—G. D. Colton & Co., Galesburg, Ill.
- GALESBURG stalk cutters—Galesburg Coulter & Disc Co., Galesburg, Ill.
- GAR-FAR medical batteries—Leon W. Pullen Co., 618 Chestnut, Philadelphia, Pa.
- GALION road machines & graders—Galion Iron Works Co., Galion, Ohio
- GALL-CURE horse collar pads—Gall Cure Collar Pad Co., Richmond, Ind.
- GALLERY RIFLE POWDER NO. 75—E. I. du Pont de Nemours & Co., Wilmington, Del.
- GALLOWAY gasoline blow torches—Otto Bernz, 21 Ashland av, Newark, N. J.
- GALLOWAY gasoline engines—Wm. Galloway, Waterloo, Iowa
- GALLY printing machinery—National Machine Co., Hartford, Conn.



GALUSHA gas producers—A. L. Galusha & Co., 11 Elkins, Boston, Mass.  
 GALUSHA gas producers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.  
 GALVA steam & hot water heaters—Galva Heater Co., Galva, Ill.  
 GALVADUCT interior conduits—Safety Armorite Conduit Co., 525 3rd av, Pittsburgh, Pa.  
 GALVANITE electro galvanized conduits—American Conduit Mfg. Co., Keystone bldg., Pittsburgh, Pa.  
 GAL-VA-NITE roofing & sanitary flooring—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.  
 GALVANIZED garbage pails—Dover Stamping & Mfg. Co., Cambridge, Mass.  
 GALVANO stove pipe & elbow—Hemp & Co., Vandeventer nr. Shaw, St. Louis, Mo.  
 GALWIN packing—Diamond Specialty Supply Co., Harrison bldg., Philadelphia, Pa.  
 GAMBIER boiler compounds—A. G. Belden, 145 Maiden la, New York  
 GAMBLE equalizers—Star Mfg. Co., Carpentersville, Ill.  
 GAME oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio  
 GAME JUNIOR oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio  
 GAMO TRIPLEX orchard pumps—Orchard Machinery Mfg. Co., Gasport, N. Y.  
 GAM-TAN round belting—F. Raniville Co., Grand Rapids, Mich.  
 GANDY belting & belt dressing—Gandy Belting Co., 740 W. Pratt, Baltimore, Md.  
 GAPHO foundry facings—Pure Carbon Co., Wells-ville, N. Y.  
 GAPP locomotive sanders—American Safety Lamp & Supply Co., Scranton, Pa.  
 GARCO packing, gaskets, brake lining—General Asbestos & Rubber Co., Charleston, S. C.  
 GARDENER bucket spraying pumps—W. & B. Douglas, Middletown, Conn.  
 GARDEN KING garden cultivators—Thornburg Mfg. Co., Bowling Green, Ohio  
 GARDINER band polishing wheels—Gardner Machine Co., Beloit, Wis.  
 GARDINER'S sash ribbon—Gardiner Sash Pulley Co., 15 N. Jefferson, Chicago, Ill.  
 GARDNER carbureters—Gardner Carburetor & Brass Works, Shreveport, La.  
 GARDNER disc grinders, abrasive discs, magnetic chucks—Gardner Machine Co., Beloit, Wis.  
 GARDNER egg crates—New England Box Co., Greenfield, Mass.  
 GARDNER inkstands & wells—Weeks-Numan Co., 81 Fulton, New York  
 GARDNER pressure regulators & steam separators—Gardner Governor Co., 14 Williamson, Quincy, Ill.  
 GARDNER sand papering machines—Gardner Machine Works, Gardner, Mass.  
 GARDNER & MILLER belt clamps—Billings & Spencer Co., Hartford, Conn.  
 GARFIELD injectors—Ohio Injector Co., Wadsworth, Ohio  
 GARFIELD sprayer pumps—Field Force Pump Co., Columbus, Ohio  
 GARFORD telephone desk stands—Garford Mfg. Co., Elyria, Ohio  
 GARGOYLE lubricating oils & greases—Vacuum Oil Co., Rochester, N. Y.  
 GARILLES carbureters—Winkley Co., Detroit, Mich.  
 GARIS-COCHRANE dish washing machines—Bromley-Merseles Mfg. Co., 215 W. Superior, Chicago, Ill.  
 GARLAND car ventilators—Ross Wortham Co., McCormick bldg., Chicago, Ill.  
 GARLAND refrigerator car door openers, ventilators—Mudge & Co., 80 E. Jackson blvd, Chicago, Ill.  
 GARLAND stoves, hot air furnaces, water heaters—Michigan Stove Co., Detroit, Mich.  
 GARLAND ventilator mfrs.—Mudge & Co., 80 E. Jackson blvd, Chicago, Ill.  
 GARLOCK packing—Garlock Packing Co., Palmyra, N. Y.  
 GARRETT feed water heaters & oil separators—W. D. Garrett & Co., 136 Liberty, New York  
 GARRETT'S auger bit gauges—Bonney Vise & Tool Works, Allentown, Pa.  
 GARRY expanded metal lath—Brier Hill Steel Co., Youngstown, Ohio  
 GARTON trolley wheels—W. R. Garton Co., 17 S. Desplaines, Chicago, Ill.  
 GARTON & DANIELS automotoneers, choke coils, lightning arresters—Electric Service Supplies Co., 17th & Cambria, Philadelphia, Pa.  
 GARVEY stencil inks—Diagraph Co., 2121 N. 9th, St. Louis, Mo.

GARVIE cleanout ferrules—Peck Bros. & Co., New Haven, Conn.  
 GARWOOD bench legs—C. M. B. Wrench Co., Garwood, N. J.  
 GARWOOD gas arc lamps—Garwood Gas Lamp & Heater Co., Canton, Ohio  
 GASCO protectors—Gasco Protector Co., 1103 North av, Waukegan, Ill.  
 GASO-KERO gas engines—Bessemer Gas Engine Co., Grove City, Pa.  
 GAS SAVER gas blast forges—J. L. Lucas & Sons, Bridgeport, Conn.  
 GAS-AVER incandescent gas mantles—F. A. Smith Mfg. Co., Rochester, N. Y.  
 GASOLINE-AIR rock drills—Ingersoll-Rand Co., 11 Broadway, New York  
 GASTON pitless scales—N. B. Gaston's Sons Co., Beloit, Wis.  
 GATE CITY faucet filters—Seed Filter & Mfg. Co., 96 Church, New York  
 GATES rock crushers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 GATO plug valves—A. W. Cadman Mfg. Co., Pittsburgh, Pa.  
 GAUGE split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 GAY screw drivers—Geo. E. Gay, Augusta, Me.  
 GAYLORD plow coulters—Galesburg Coulter Disc Co., Galesburg, Ill.  
 GAZELLE hay racks—Ohio Rake Co., Dayton, Ohio  
 GAZELLE vehicle axles—Burgess-Norton Mfg. Co., Geneva, Ill.  
 GEALY pipe wrenches—Gealy Wrench & Mfg. Co., Grove City, Pa.  
 GEAR-SCOTT traction engines—Advance-Rumely Co., La Porte, Ind.  
 GEARY water tube boilers—Oil City Boiler Works, Oil City, Pa.  
 GECO pneumatic ash handling systems—Green Engineering Co., East Chicago, Ind.  
 GECO rosettes & flush switches—General Electric Co., Schenectady, N. Y.  
 GEDDES ventilators—Joseph Geddes, Rochester, N. Y.  
 GEE mine feeder wire insulators—Gee Electric Co., Wheeling, W. Va.  
 GEE saw benches—Chas. E. Gee, Lowell, Mass.  
 GEE HAW horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.  
 GEE WHIZ alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.  
 GEE WHIZ dry batteries—Waterbury Battery Co., Waterbury, Conn.  
 GEE WHIZ rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 GEHL farm boilers—Gehl Bros. Mfg. Co., West Bend, Wis.  
 GEIER tool holders & straightening presses—P. A. Geier Co., Cleveland, Ohio  
 GEIPELS steam traps—Jno. Platt, 97 Cedar, New York  
 GEISER check valves—Long Grate Bar Co., Buffalo, N. Y.  
 GEISER PEERLESS hay presses, hullers, threshers, portable sawing rigs, traction engines, road rollers—Emerson-Brantingham Co., Rockford, Ill.  
 GEISEY'S casement window hinges—Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.  
 GEM adding machines—Automatic Adding Machine Co., 148 Duane, New York  
 GEM air valves—Beaton & Caldwell Mfg. Co., New Britain, Conn.  
 GEM apple corers—National Enameling & Stamping Co., 411 5th av, New York  
 GEM asbestos protected metal roofing—Moeschl-Edwards Corrugating Co., Covington, Ky.  
 GEM ash sifters—Gem Stamped Steel Co., Chelsea, Mass.  
 GEM barrel covers—W. H. Parks & Co., Winchendon, Mass.  
 GEM boiler flue & tube cleaners, flexible shaft drills, grinders, oilers, oil cans, torches—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.  
 GEM box trucks—Andrew Plocher Sons Co., Dayton, Ohio  
 GEM cable grips—Norris Electric Specialties Co., 38 Park Row, New York  
 GEM calenders—Sam'l C. Tatum Co., Cincinnati, O.  
 GEM carpet beaters—Standard Wire Co., New Castle, Pa.  
 GEM chimney caps, concrete finishing tools, stove pipe dampers—Kramer Bros. Foundry Co., Dayton, Ohio  
 GEM clamp spindles—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.  
 GEM clothes line fasteners—Geo. H. Noll, 27 Crescent, Brooklyn, N. Y.



- GEM clover cutters—Wilson Bros., Easton, Pa.  
 GEM clutch linings—Jewell Belting Co., Hartford, Conn.  
 GEM cooking stoves—Odin Stove Mfg. Co., Erie, Pa.  
 GEM door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 GEM door & window bolts—Sargent & Greenleaf Co., 178 Court, Rochester, N. Y.  
 GEM feed cutters—Wilson Bros., Easton, Pa.  
 GEM finger nail clippers—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.  
 GEM flour sifters—J. L. Clark Mfg. Co., Rockford, Ill.  
 GEM fly swatters—J. B. Timberlake & Sons, Jackson, Mich.  
 GEM food choppers—Sargent & Co., New Haven, Conn.  
 GEM fountain pens—Standard & Vulcanite Pen Co., 752 Lexington av, Brooklyn, N. Y.  
 GEM fuel oil burners—Petroleum Iron Works Co., Sharon, Pa.  
 GEM garden cultivators—Moore Plow & Implement Co., Greenville, Mich.  
 GEM garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 GEM gas lighting burners—E. P. Gleason Mfg. Co., 37 Murray, New York  
 GEM gas ranges—Dangler Stove Co., Cleveland, Ohio  
 GEM gas soldering furnaces—Burgess Soldering Furnace Co., Columbus, Ohio  
 GEM gasoline engines—Capital Gas Engine Co., Indianapolis, Ind.  
 GEM grass hooks—Wallingford Mfg. Co., Wallingford, Vt.  
 GEM grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 GEM hay presses—Geo. Ertel Co., Quincy, Ill.  
 GEM hinges, springs, door pulls, anti-rust hooks—Columbian Hardware Co., Cleveland, Ohio  
 GEM hose nozzles—Crane Valve Co., Bridgeport, Conn.  
 GEM hot air furnaces—Robinson Furnace Co., 205 W. Lake, Chicago, Ill.  
 GEM hot air furnaces & fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 GEM ice cream freezers & ice shavers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.  
 GEM ice cube cutting machines—Reinhold Mfg. Co., Detroit, Mich.  
 GEM kettle bottoms—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 GEM lamp chimney heaters, self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.  
 GEM lamp cord adjusters—M. B. Austin & Co., 706 W. Jackson Blvd, Chicago, Ill.  
 GEM lamp cord adjusters—Union Electric Mfg. Co., 499 Broadway, Milwaukee, Wis.  
 GEM mincing knives & wool shoe polishers—Hutchins-Kilbourne Co., Buffalo, N. Y.  
 GEM mitre boxes—Geo. E. Gay, Augusta, Me.  
 GEM mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.  
 GEM nail pullers—Page Storms Drop Forge Co., Chicopee, Mass.  
 GEM nutmeg graters—Caldwell Mfg. Co., Rochester, N. Y.  
 GEM paper clips—Cushman & Denison Mfg. Co., 240 W. 23rd, New York  
 GEM pencil sharpeners—F. H. Cook & Co., Leominster, Mass.  
 GEM postal scales—Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.  
 GEM pot scrapers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 GEM potato cutters—Pugh Mfg. Co., Topeka, Kan.  
 GEM rat traps—Lovell Mfg. Co., Erie, Pa.  
 GEM safety razors—Gem Cutlery Co., 11th av & 25th, New York  
 GEM shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York  
 GEM shoe holder shiners—Piqua Bracket Co., Piqua, Ohio  
 GEM sickle grinders—Chicago Wheel & Mfg. Co., Chicago, Ill.  
 GEM soldering sets—Millers Falls Co., 28 Warren, New York  
 GEM stair carpet fasteners—Pressed Steel Mfg. Co., Land Title bldg., Phila., Pa.  
 GEM steel ranges—Toledo Stove & Range Co., Toledo, Ohio  
 GEM stove & truck casters—M. B. Schenck Co., Meriden, Conn.  
 GEM timber scribes—F. Brais & Co., Cleveland, Ohio  
 GEM vibrators—Manhattan Electrical Supply Co., 17 Park pl, New York  
 GEM vises—G. M. Yost Mfg. Co., Meadville, Pa.  
 GEM washing machines—Grinnell Washing Machine Co., Grinnell, Ia.  
 GEM washing machines—Shaw Mfg. Co., Salina, Kans.  
 GEM water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.  
 GEM water heaters—Abendroth Bros., Port Chester, N. Y.  
 GEM water heaters, latches, rural mail boxes—Peck-Hamre Mfg. Co., Berlin, Wis.  
 GEM wheel garden hoes—Bateman Mfg. Co., Grenloch, N. J.  
 GEM wire holders—Fletcher Mfg. Co., Dayton, Ohio  
 GEMCO automobile jacks, bumpers, tire holders, wind shields, tire tools, robe & foot rails—Gemco Mfg. Co., Milwaukee, Wis.  
 GEM NO. 4 float valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.  
 GEM TORRID steam & hot water heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.  
 GENASCO asphalt roofing, asphalt fillers & insulite paper—Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.  
 GENERAL bolster springs—Racine General Mfg. Co., Racine, Wis.  
 GENERAL rubber tires—General Tire & Rubber Co., Akron, Ohio  
 GENESSEE lawn mowers—Matthews & Boucher, Rochester, N. Y.  
 GENESSEE reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York  
 GENESSEE vacuum cleaners—Rochester Vacuum Cleaner Co., Rochester, N. Y.  
 GENESSEE water closets—Nunn Brass Works, Rochester, N. Y.  
 GENEVA feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio  
 GENEVA 600 screen door hinges—Champion Hardware Co., Geneva, Ohio  
 GENFIRE metal lath & steel corner beads—General Fireproofing Co., Youngstown, Ohio  
 GENTRY electric massage vibrators—Shelton Electric Co., 30 E. 42nd, New York  
 GENUINE babbitt metal—Atkinson Co., Rochester, N. Y.  
 GENUINE lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.  
 GENUINE open hearth rust resisting iron—Inland Steel Co., First Nat'l Bank bldg., Chicago, Ill.  
 GENUINE ARMSTRONG stocks & dies—Armstrong Mfg. Co., 278 Knowlton, Bridgeport, Conn.  
 GENUINE BARNES-SAUNDERS pipe cutters—Barnes Tool Co., New Haven, Conn.  
 GENUINE HUNTINGTON emery wheel dressers—Chicago Screw Co., 13 N. Jefferson, Chicago, Ill.  
 GENUINE HUNTINGTON emery wheel dressers—Detroit Screw Works, 348 Franklin, Detroit, Mich.  
 GENUINE KANAWHA salt—J. Q. Dickinson & Co., Malden, W. Va.  
 GENUINE NEY hay carriers—Ney Mfg. Co., Canton, Ohio  
 GENUINE SQUIRES steam traps—C. E. Squires Co., Cleveland, Ohio  
 GEOMETRIC adjustable taps, screw cutting tools & dies—Geometric Tool Co., New Haven, Conn.  
 GEORGE window sash & window sash pivots—International Window Mfg. Co., 2007 W. Allegheny av, Phila., Pa.  
 GEO. WASHINGTON wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.  
 GEORGIA fertilizer distributors—Southern Plow Co., Columbus, Ga.  
 GEORGIA tank valves—Rundle-Spence Mfg. Co., Milwaukee, Wis.  
 GERAORDTS fire-proof floors—Sanitary Fire Proofing & Contracting Co., Westchester Creek & 177th, New York  
 GERLACH saw gummers—Peter Gerlach Co., Columbus rd & Winter, Cleveland, Ohio  
 GERMAN hot air furnaces—Gem City Stove Mfg. Co., Quincy, Ill.  
 GERMAN-COMPOUND boiler compounds—German-Compound Co., 20 N. Market, Boston, Mass.  
 GERMANE packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 GERMANIA cement—H. Marquardt & Co., 35 S. William, New York  
 GERMAN STYLE thumb tacks—Hoge Mfg. Co., 45 John, New York  
 GERMANTOWN lamp black—L. Martin Co., 81 Fulton, New York  
 GERMPROOF telephone mouthpieces—American Electric Co., 6401 S. State, Chicago, Ill.  
 GERSTNER tool cases—H. Gerstner & Sons, Dayton, Ohio  
 GERYK vacuum pumps—Fahn & McJunkin, 50 E. 41st, New York  
 GETCHELL'S engine & machine oilers—Draper Co., Hopedale, Mass.



GETSUM fly swatter—Wilson-Hurd Co., Wausau, Wis.  
 GEYER propeller wheels—Marine Hardware Co., Peabody, Mass.  
 GEYSER bidets—J. L. Mott Iron Works, Trenton, N. J.  
 GEYSER electric water heaters—Bridgeport Electric Mfg. Co., Bridgeport, Conn.  
 GEYSER steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York  
 GIANT air compressors—Dow Pump & Diesel Engine Co., 417 Market, San Francisco, Cal.  
 GIANT ash & garbage cans—Central Stamping Co., 174 Fulton, New York  
 GIANT Belgian portland cement—Balfour, Guthrie & Co., San Francisco, Cal.  
 GIANT belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York  
 GIANT bull dog presses & seals—Keystone Seal & Press Co., 39 Cortlandt, New York  
 GIANT car stoves—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 GIANT cement—Giant Portland Cement Co., Penna. bldg., Philadelphia, Pa.  
 GIANT compressed air drills—Compressed Air & General Machinery Co., San Francisco, Cal.  
 GIANT confectioners' gas furnaces—Edw. Katzinger Co., 122 N. Peoria, Chicago, Ill.  
 GIANT dies—Pratt & Whitney Co., Hartford, Conn.  
 GIANT door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 GIANT door hangers, barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio  
 GIANT electric car brakes—Lord Mfg. Co., 105 W. 40th, New York  
 GIANT feed grinding mills & sweep horse powers—Frank Hamachek, Kewaunee, Wis.  
 GIANT fuel oil engines—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.  
 GIANT handle tack claws & pullers—Smith & Hemenway Co., 150 Chambers, New York  
 GIANT hoes—American Fork & Hoe Co., Cleveland, Ohio  
 GIANT insulating paper—Standard Paint Co., 233 Broadway, New York  
 GIANT key-seating machines—Mitts & Merrill, 1939 S. Water, Saginaw, Mich.  
 GIANT ladders—Frizell Ladder Co., 135 Granite av, Boston, Mass.  
 GIANT lever valves—Wm. Powell Co., Cincinnati, O.  
 GIANT lubricating oils & greases—Climax Refining Co., Cleveland, Ohio  
 GIANT lubricators—Michigan Lubricator Co., Detroit, Mich.  
 GIANT nail pullers—S. & I. Co., Springfield, Mass.  
 GIANT nail pullers, drill chucks—Smith & Hemenway Co., 76 Chambers, New York  
 GIANT packing & rubber hose—Revere Rubber Co., 60 High, Boston, Mass.  
 GIANT padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.  
 GIANT padlocks & sash chains—Smith & Egge Mfg. Co., Bridgeport, Conn.  
 GIANT paper clips—Niagara Clip Co., 155 Waverly pl, New York  
 GIANT plastering fibre—Fernald Co., 248 Tehama, San Francisco, Cal.  
 GIANT plows—Collins Plow Co., Quincy, Ill.  
 GIANT rail benders—Handlan-Buck Mfg. Co., 210 N. 3rd, St. Louis, Mo.  
 GIANT ratchet drills—Goodell-Pratt Co., Greenfield, Mass.  
 GIANT ratchet drills, reversible ratchet wrenches—Keystone Mfg. Co., Buffalo, N. Y.  
 GIANT rawhide belting—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.  
 GIANT roller bearings—A. T. Ferrell & Co., Saginaw, Mich.  
 GIANT self-oiling hangers—American Tool & Machine Co., 10 High, Boston, Mass.  
 GIANT steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 GIANT valves—Wm. Powell Co., Cincinnati, Ohio  
 GIANT wire stretchers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 GIANT GRIP horse shoes, drive calks—Giant Grip Horse Shoe Co., Oshkosh, Wis.  
 GIANT RED CRESCENT packing—Revere Rubber Co., 60 High, Boston, Mass.  
 GIANT TORRID steam heaters, steam & hot water heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.  
 GIANT WONDER disc sharpeners—A. E. Durner, Evansville, Wis.  
 GIBBS post hole diggers—Gibbs Mfg. Co., Canton, Ohio

GIBBS trailer connectors & flush plugs—Loeffelholz & Co., Milwaukee, Wis.  
 GIBALTAR cement—Newaygo Portland Cement Co., Grand Rapids, Mich.  
 GIBALTAR insulating cloth & tape—M. W. Dunton Co., 150 Niagara, Providence, R. I.  
 GIBALTAR night latches—Huber Mfg. Co., 417 E. 93d, New York  
 GIBALTAR putty powder—H. B. Fuller, 188 W. 3rd, St. Paul, Minn.  
 GIBALTAR automobile wind shields—Stewart-Carey Glass Co., Indianapolis, Ind.  
 GIBALTAR car bumping posts & mail cranes—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.  
 GIBS auto cleaner rakes—G. A. Swineford Co., Canton, Ohio  
 GIBSON coal entry drivers—Ingersoll-Rand Co., 11 Broadway, New York  
 GIBSON'S guy grippers—Jas. H. Channon Mfg Co., 227 W. Erie, Chicago, Ill.  
 GIBSON'S soap polish—Cudaby Packing Co., 111 W. Monroe, Chicago, Ill.  
 GICO tungsten lamps—General Illuminating Co., 369 Broadway, New York  
 GIDDING'S dynamometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.  
 GIES gears—Gies Gear Co., Boydel bldg, Detroit, Mich.  
 GIESEY'S window sash pivots—Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.  
 GIFFORD'S paring knives—H. Boker & Co., 101 Duane, New York  
 GIFFORD air compressors—Gifford Engine Co., Lansing, Mich.  
 GIFFORD'S snow shovels—Buffalo Sled Co., N. Tonawanda, N. Y.  
 GILBERT alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.  
 GILBERT automobile tire holders & crank handle handles—Gilbert Mfg. Co., New Haven, Conn.  
 GILBERT gas furnaces, fuel oil burners, fuel oil pumps & tanks, self-measuring oil pumps, storage tanks—Gilbert & Barker Mfg. Co., Springfield, Mass.  
 GILBERT tin plate—Follansbee Bros. Co., Pittsburgh, Pa.  
 GILBERT wood split pulleys—Saginaw Mfg. Co., Saginaw, Mich.  
 GILBERT'S gauge glass preservers—R. F. Morse, Providence, R. I.  
 GILDE trolley track door hangers—Frantz Mfg. Co., Sterling, Ill.  
 GILE tractors—Gile Tractor & Engine Co., Ludington, Mich.  
 GILES heel plates—Laing, Harrar & Chamberlin, 43 N. 3rd, Phila., Pa.  
 GILES tube expanders—Oswego Tool Co., Oswego, N. Y.  
 GILFORD'S mitre boxes—F. E. Gilford, Concord, N. H.  
 GILGEN electric fuses—Central Telephone & Elec. Co., 310 N. 11th, St. Louis, Mo.  
 GILL piston rings—Chalmsmith Co., 3701 S. Ashland av, Chicago, Ill.  
 GILL tungsten lamp reflectors—Gill & Co., Phila., Pa.  
 GILLETTE blade razor stoppers—Edward Zinn, 11th av & 25th, New York  
 GILLETTE safety razors—Gillette Safety Razor Co., 41 W. First, Boston, Mass.  
 GILMAN roof snow guards—Gilman Snow Guard Co., 103 Merrimac, Boston, Mass.  
 GILMAN BROWN couplers, steel knuckles—Railway Appliance Co., 122 S. Michigan av, Chicago, Ill.  
 GILMER automobile belts—L. H. Gilmer Co., Keystone & Vincent, Tacony, Pa.  
 GILMORE shoe buffing machines—Donnelly Machine Co., Brockton, Mass.  
 GILMORE tube scraper cleaners—Gilmore Tube Scraper Works, Buffalo, N. Y.  
 GILMORE window ventilators—Kernchen Co., 332 S. Michigan av, Chicago, Ill.  
 GILMOUR stone planing machines—Lincoln Iron Works, Rutland, Vt.  
 GILSELGLOSS insulating varnishes—Central Paint & Supply Co., Railway Exch. bldg, St. Louis, Mo.  
 GILSON gasoline engines—Gilson Mfg. Co., Port Washington, Wis.  
 GILSON power regulators for looms—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.  
 GILSONITE asphalt cements & insulating asphalt—General Roofing Mfg. Co., Boatman's Bank bldg., St. Louis, Mo.  
 GILT EDGE cotton rope—Anniston Cordage Co., Anniston, Ala.  
 GILT EDGE flooring—Rittenhouse & Embree Co., 3500 S. Racine av, Chicago, Ill.



- GILT EDGE metal polish—Gilt Edge Mfg. Co., 35 Warren, New York
- GILT EDGE packing—General Asbestos Rubber Co., Charleston, S. C.
- GILT EDGE potato diggers—A. B. Farquhar Co., York, Pa.
- GILT EDGE round belting—I. B. Williams & Sons, Dover, N. H.
- GILT EDGE shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- GILT EDGE steam & hot water heaters & hot air furnaces—R. J. Schwab Sons Co., Milwaukee, Wis.
- GIPSEY anvils—Bonney Vise & Tool Works, Allentown, Pa.
- GIRARD air drill hose—Quaker City Rubber Co., 629 Market, Phila., Pa.
- GIRARD grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- GIRARD lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
- GIRARD turbine water wheels—I. P. Morris Co., Beach & Ball, Phila., Pa.
- GIRARD wrenches—Girard Wrench Mfg. Co., Girard, Pa.
- GIROD electric furnaces—C. W. Leavitt & Co., 34 Church, New York
- GITS oil hole covers & cups—Gits Bros. Mfg. & Specialty Co., 557 Quincy, Chicago, Ill.
- GLACIER ice cream freezers—Thos. W. Houchin Co., 38 E. 21st, New York
- GLACIER refrigerators—Northern Refrigerator Co., Grand Rapids, Mich.
- GLACIER stained glass substitutes—W. A. Ross & Bro., 11 S. William, New York
- GLACIER SECCOTINE stained glass substitutes—Wm. B. Qualie, 405 Lexington av, New York
- GLADER'S package heading-up machines & hoop punching machines—Wm. Glader, 210 N. Ann, Chicago, Ill.
- GLADIATOR belting—N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
- GLADIATOR stalk cutters—Moline Plow Co., Moline, Ill.
- GLADIUM twist drills—Ebstein Bros., 127 Duane, New York
- GLAD RAGS polishing cloths—Silvex Co., 30 Church, New York
- GLARDON Swiss files—Wm. Dixon, 39 John, New York
- GLASBRITE glass polish—Benj. Forbes, Cleveland, Ohio
- GLASCOCK wood splitting machines—Glascock Stove & Mfg. Co., Greensboro, N. C.
- GLASSFORD dust arresters—Cleveland Nickel Works, Cleveland, Ohio
- GLASS KING washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- GLENER feed water heaters & purifiers—I. B. Davis & Son, Hartford, Conn.
- GLENER suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- GLEDALE agitator end gate seeders—Peoria Drill & Seeder Co., Peoria, Ill.
- GLEDON flange plates—Dilworth, Porter & Co., Pittsburgh, Pa.
- GLEN flue stops—J. L. Clark Mfg. Co., Rockford, Ill.
- GLENDAL stalk rakes—Peoria Drill & Seeder Co., Peoria, Ill.
- GLENN back water valves—Fred. E. Glenn, St. Charles, Ill.
- GLENNY fruit jar wrenches—Wm. Glenly Glass Co., 10 W. Commerce, Cincinnati, Ohio
- GLENWOOD belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
- GLENWOOD gas ranges—Weir Stove Co., Taunton, Mass.
- GLENWOOD stoves—Weir Stove Co., Taunton, Mass.
- GLIDDEN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- GLIDDEN'S wood stains, dust absorbing floor oils & paint & varnish remover—Glidden Varnish Co., Cleveland, Ohio
- GLIDE door hangers & door rollers—Frantz Mfg. Co., Sterling, Ill.
- GLIDE lawn mowers—Dille & McGuire Co., Richmond, Ind.
- GLIDEROLE children's steering sleds—Buffalo Sled Co., North Tonawanda, N. Y.
- GLISTEN metal polish—Puritan Oil Co., Cleveland, Ohio
- GLITTERBRITE body polish—R. M. Hollingshead Co., Camden, N. J.
- GLITTERSHINE metal polish—Grady Mfg. Co., Ely av, Brooklyn, N. Y.
- GLOBE automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.
- GLOBE babbitt metal—Damascus Bronze Co., N. S., Pittsburgh, Pa.
- GLOBE belt lacing—J. M. Hayden Co., Grand Rapids, Mich.
- GLOBE box openers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- GLOBE bronze powders—B. F. Drakenfeld & Co., 50 Murray, New York
- GLOBE carbon paper & typewriter ribbons—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.
- GLOBE closet seats—Grand Rapids Hand Screw Co., Grand Rapids, Mich.
- GLOBE dust absorbing floor oils & hard wax floor polish—J. A. & W. Bird & Co., Boston, Mass.
- GLOBE electric car headlights—Trolley Supply Co., Canton, Ohio
- GLOBE fly traps—Fred. J. Meyers Mfg. Co., Hamilton, Ohio
- GLOBE fly traps—Reynolds Wire Co., Dixon, Ill.
- GLOBE greenhouse valves—Fred. E. Glenn, St. Charles, Ill.
- GLOBE hame tips—Frazer & Jones Co., Syracuse, N. Y.
- GLOBE hot air furnaces—Globe Stove & Range Co., Kokomo, Ind.
- GLOBE incubators & brooders—Shoemaker Incubator Co., Freeport, Ill.
- GLOBE industrial starch & vegetable oils—Corn Products Refining Co., 17 Battery pl, New York
- GLOBE lubricating oils & greases—Globe Refining Co., Cleveland, Ohio
- GLOBE mail boxes—W. A. Wheeler, Indianapolis, Ind.
- GLOBE marine engines—Pennsylvania Iron Works Co., Eddystone, Pa.
- GLOBE metal polish—Raimes & Co., 50 Ferry, New York
- GLOBE miners' lamps—Geo. T. Anton & Bro., Monongahela, Pa.
- GLOBE packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
- GLOBE padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
- GLOBE pneumatic tires—Globe Tire Mfg. Co., Trenton, N. J.
- GLOBE ranges—March-Brownback Stove Co., Pottstown, Pa.
- GLOBE special gas & water cast iron pipes & pipe fittings—Builders' Iron Foundry, 9 Coddington, Providence, R. I.
- GLOBE steel chilled shot—Globe Steel Co., Mansfield, Ohio
- GLOBE steel needle wire—Wheelock, Lovejoy & Co., 23 Cliff, New York
- GLOBE switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- GLOBE tool emery grinders—Globe Foundry & Machine Co., Sheboygan, Wis.
- GLOBE tool sharpeners—Oakley S. Walker Co., Worcester, Mass.
- GLOBE tumbling barrels—Globe Machine & Stamping Co., 1250 W. 76th, Cleveland, Ohio
- GLOBE ventilators—Globe Ventilator Co., Troy, N. Y.
- GLOBE washing machines—Horton Mfg. Co., Fort Wayne, Ind.
- GLOBE-LION hammocks—Hoffman-Corr Mfg. Co., 312 Chestnut, Phila., Pa.
- GLOBIN paste—Raimes & Co., 50 Ferry, New York
- GLO-LITE lighting fixtures—Cassidy & Son Mfg. Co., 101 Park av, New York
- GLOR feed carriers—Glor Bros. & Willis Mfg. Co., Attica, N. Y.
- GLOUCESTER hammocks—E. L. Rowe & Son, Gloucester, Mass.
- GLOVER'S belt fasteners—Water-Garland Co., Louisville, Ky.
- GLOWER incandescent electric lamps—Nernst Lamp Co., Fayette & Garrison pl. Pittsburgh, Pa.
- GLUTRIN core compounds—Robeson Process Co., 18 E. 41st, New York
- GLYCO—babbitt metal—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
- GLYPHO glycerine—Chas. W. Jacob & Allison, 18 Cedar, New York
- GOAT BRAND plushes—L. C. Chase & Co., 89 Franklin, Boston, Mass.
- GODDARD burr pickers—Curtis & Marble Machine Co., Worcester, Mass.
- GODDARD'S rawhide mallets—Brockton Mallet Co., Brockton, Mass.
- GODRIDGE wire skinning pliers—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.
- GO-EASY conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
- GO-EASY garden cultivators—Moore Plow & Implement Co., Greenville, Mich.
- GOES LIKE SIXTY gasoline engines—Gilson Mfg. Co., Port Washington, Wis.



GOETZ packing, lead gaskets, valve discs, pipe joint cements—Goetze Gasket & Packing Co., South New Brunswick, N. J.

GOHMAK car ceilings & wood pulp spools—Vulcanized Products Co., Muskegon, Mich.

GOLD hot water radiators—Buckingham Routh Co., New Haven, Conn.

GOLDBLATT trowels—H. Goldblatt Tool Co., Kansas City, Mo.

GOLDCREST lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.

GOLDEN bronzed wire cloth—Clinton Wire Cloth Co., Clinton, Mass.

GOLDEN cutch—Marden, Orth & Hastings, Boston, Mass.

GOLDEN steam traps—Golden-Anderson Valve Specialty Co., Fulton bldg., Pittsburgh, Pa.

GOLDEN weather strips—Michigan Engine Valve Co., Detroit, Mich.

GOLDEN FLEECE degreas—Pfaltz & Bauer, 300 Pearl, New York

GOLDEN FLEECE rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.

GOLDEN GATE beer valves & racking apparatus—Golden Gate Mfg. Co., 314 W. 2nd, South Boston, Mass.

GOLDEN GATE cement—Pacific Portland Cement Co., Pacific bldg., San Francisco, Cal.

GOLDEN GATE packing & rubber hose—Bowers Rubber Works, San Francisco, Cal.

GOLDEN GLOW lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.

GOLDEN GRAIN babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio

GOLDEN HOUSE vacuum cleaners—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.

GOLDEN PHEASANT powder (for export only)—du Pont E. I. de Nemours & Co., Wilmington, Del.

GOLDEN ROD brazing solder—Shimer, McGlynn & Co., 19th & Washington, Philadelphia, Pa.

GOLDEN ROD packing—La Favorite Rubber Mfg. Co., Paterson, N. J.

GOLDEN ROD rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.

GOLDEN RULE stoves—A. Weiskittel & Son, 12th & E. Lombard, Baltimore, Md.

GOLDEN SCEPTRE metal polish—Rath Mfg. Co., Headley & Richmond, Phila., Pa.

GOLDEN STAR metal polish—R. W. Morris Mfg. Co., Kansas City, Mo.

GOLDEN STATE belting—H. N. Cook, Belting Co., 317 Howard, San Francisco, Cal.

GOLDEN WEST typewriter ribbons—Ernest Dalton, 444 Market, San Francisco, Cal.

GOLDIE railroad track spikes & rail brace plates—Dilworth, Porter & Co., Pittsburgh, Pa.

GOLD MEDAL carpet linings—Newton Paper Co., Holyoke, Mass.

GOLD MEDAL commutator compounds—Le Valley Vitae Carbon Brush Co., 521 W. 23rd, New York

GOLD MEDAL cordage & twine—American Mills Co., Atlanta, Ga.

GOLD MEDAL furniture polish—Gold Medal Polish Co., Racine, Wis.

GOLD MEDAL house paint—Harrison's, Inc., 35th & Gray's Ferry rd., Philadelphia, Pa.

GOLD MEDAL land & field rollers—Dunham Co., Berea, Ohio

GOLD MEDAL linen ledger paper—Crane Bros., Westfield, Mass.

GOLD PIN hot water radiators—H. B. Smith Co., Westfield, Mass.

GOLD'S CYCLONE car ventilators—Gold Car Heating & Lighting Co., 17 Battery pl, New York

GOLD SEAL blue print paper—New York Blue Print Paper Co., 102 Reade, New York

GOLD SEAL packing & rubber hose—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York

GOLD SECTIONAL steam & hot water heaters—H. B. Smith Co., Westfield, Mass.

GOLDSHINE polish—Van Tilburg Oil Co., Minneapolis, Minn.

GOLDSMITH throttle valves—Stephens, Roe Mfg. Co., Detroit, Mich.

GOLLY machine key pullers—Mechanics' Specialties Co., 128 Greenpoint av, Brooklyn, N. Y.

GOOD plumbers' washers—Good Mfg. Co., 305 E. 134th, New York

GOOD rubber goods—Good Mfg. Co., 305 E. 134th, New York

GOODELL mitre boxes—Goodell-Pratt Co., Greenfield, Mass.

GOODELL saw & lathe—Millers Falls Co., 28 Warren, New York

GOODELL-PRATT drill chucks—Goodell-Pratt Co., Greenfield, Mass.

GOOD ENOUGH carpet beaters—Carpet Beater Co., Windsor, N. Y.

GOOD ENOUGH plows—Moline Plow Co., Moline, Ill.

GOODHUE windmills—Appleton Mfg. Co., Batavia, Ill.

GOOD LUCK dynamite—Burton Powder Co., Pittsburgh, Pa.

GOOD LUCK fishing reels, fish scalers & gaff hooks—A. F. Meisselbach Bros., 29 Congress, Newark, N. J.

GOOD LUCK fruit jar rubbers—Boston Woven Hose & Rubber Co., Cambridge, Mass.

GOOD LUCK hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.

GOOD LUCK key chains—S. I. Atwater, 101 Lafayette, New York

GOOD LUCK savings banks—Victor M. Grab & Co., 1 Ashland Blk., Chicago, Ill.

GOODMAN gas main stoppers—Safety Gas Main Stopper Co., 88 Alexander av, New York

GOODMAN wrecking hooks—National Malleable Castings Co., Cleveland, Ohio

GOODRICH tires, belting, tennis balls, tire cements—B. F. Goodrich Rubber Co., 1925 Michigan av, Chicago, Ill.

GOOD WILL gas ranges—F. A. Klaine Co., Front & Central, Cincinnati, Ohio

GOODWIN ballast loaders—Goodwin Car Co., 17 Battery pl, New York

GOODWIN brake beam clamps—Pearson Jack Co., 185 Franklin, Boston, Mass.

GOODYEAR balata belting—Goodyear Tire & Rubber Co., Akron, Ohio

GOODYEAR lumber load binders—A. B. Goodyear & Co., Bloomdale, Ohio

GOPHER portable grain elevators—Warner Elevator Mfg. Co., Warner, Ill.

GORDON fire extinguishers—Orville E. Gordon, Rays Crossings, Ind.

GORDON MORGAN gun carriages—Morgan Engineering Co., Alliance, Ohio

GORD'S rubber roofing—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.

GORHAM special patent brass & bronze castings—Gorham Co. Arch'l Bronze, 5th av & 36th, New York

GOSHEN carpet sweepers—Bissell Carpet Sweeper Co., Grand Rapids, Mich.

GOSHEN feed cookers, hog scalders, tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.

GOTHAM thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.

GOTHIC steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.

GOUBERT feed water heaters, steam & hot water heaters, steam condensers & hot water generators—Griscom-Russell Co., 92 West, New York

GOULAC core compound—American Gum Products Co., 200 5th av, New York

GOULD car couplers, draft gear, journal boxes—Gould Coupler Co., 30 E. 42nd, New York

GOULD feed water regulators—Funk Bros. Mfg. Co., Chicago Heights, Ill.

GOULDING washers—Yawman & Erbe Mfg. Co., Rochester, N. Y.

GOULD'S sheet packing—Gould Packing Co., E. Cambridge, Mass.

GOVERNOR disc harrows—Racine-Sattley Co., Springfield, Ill.

GOVERNOR handle drags—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.

GOW foundry molding machines—Elmira Foundry Co., Elmira, N. Y.

GOWANDA feed cutters & maple sugar evaporators—Gowanda Agricultural Works, Gowanda, N. Y.

GOWANUS belt lacing—Chas. A. Schieren & Co., 30 Ferry, New York

GRABER water gauges—B. Hoffman Mfg. Co., Milwaukee, Wis.

GRABER water gauges—Jenkins Bros., 82 White, New York

GRABLER pipe hangers, chain attachment drills—Grabler Mfg. Co., Cleveland, Ohio

GRACE DARLING curling irons—Nicol & Co., 218 N. Jefferson, Chicago, Ill.

GRADE A tungstic acid—York Metal & Alloy Co., York, Pa.

GRADIRS water cooling towers—Ruemmel-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.

GRAFFCO CLING paper clips—Geo. B. Graff Co., 294 Washington, Boston, Mass.



- GRAFFCO SILVER STEEL PENS—Geo. B. Graff Co., 294 Washington, Boston, Mass.  
 GRAFFCO VISE paper clips, index tabs & signals—Geo. B. Graff Co., 294 Washington, Boston, Mass.  
 GRAFLEX cameras—Eastman Kodak Co., Rochester, N. Y.  
 GRAHAM drill speeders—Graham Mfg. Co., 96 Point, Providence, R. I.  
 GRAHAM lawn mowers—Phila. Lawn Mower Co., 31st & Chestnut, Phila., Pa.  
 GRAHAM twist drills & drill chucks—Detroit Twist Drill Co., 555-557 Fort, Detroit, Mich.  
 GRAIN KING shoveling and end gate boards—Litchfield Mfg. Co., Waterloo, Ia.  
 GRAIN KING thresher belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 GRAKNIGHT belting—Grafton & Knight Mfg. Co., Worcester, Mass.  
 GRAMMES paper clips—L. F. Grammes & Sons, Allentown, Pa.  
 GRAND concrete mixers, foundry riddles—Hall-Holmes Mfg. Co., Jackson, Mich.  
 GRAND gas radiators—Union Stove Works, 70 Beekman, New York  
 GRAND hot blast stoves—Gray & Dudley, Hardware Co., Nashville.  
 GRAND refrigerators—Challenge Refrigerators Co., Grand Haven, Mich.  
 GRAND wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.  
 GRAND DETOUR clod crushers, sled cultivators & walking & riding listers—Grand Detour Plow Co., Dixon, Ill.  
 GRAND DOMESTIC fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 GRAND EAGLE stoves—Grinberg Bros., 154 South, New York  
 GRAND RAPIDS ice cream cabinets—Chocolate Cooler Co., Grand Rapids, Mich.  
 GRAND RAPIDS sash pulleys—Grand Rapids Hardware Co., Grand Rapids, Mich.  
 GRAND SOLAR fire place heaters—Sanitary Heating Co., 233 37th, Brooklyn, N. Y.  
 GRANGER fruit evaporators—Babcock Mfg. Co., Leonardsville, N. Y.  
 GRANGER pruning shears—Smith, Seymour & Son, Oakville, Conn.  
 GRANGER rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 GRANITE cement plaster—United States Gypsum Co., Chicago, Ill.  
 GRANITE clothes lines—Estes Mills, Fall River, Mass.  
 GRANITE plumbers & mining candles—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 GRANITE rubber hose—Revere Rubber Co., 60 High, Boston, Mass.  
 GRANITE STATE lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.  
 GRANITINE artificial stone laundry tubs—Chicago Granitine Mfg. Co., 3230 Shields av, Chicago, Ill.  
 GRANT arc lamps—General Illuminating Co., 369 Broadway, New York  
 GRANT bolt cutter dies—Pratt & Whitney Co., Hartford, Conn.  
 GRANT circular saws—Frank Hamachek, Kewaunee, Wis.  
 GRANT pneumatic riveters & riveting machines—Grant Mfg. & Machine Co., Bridgeport, Conn.  
 GRANT sash pulleys—Grant Pulley & Hardware Co., 3 W. 29th, New York  
 GRANT spark plugs—General Illuminating Co., 369 Broadway, New York  
 GRANT'S milk bottle protectors—Burgess-Norton Mfg. Co., Geneva, Ill.  
 GRAPHALENE graphite lubricants—Monarch Mfg. Co., Council Bluffs, Ia.  
 GRAPHILATUM roofing cements—Klein Mfg. Co., Cleveland, Ohio  
 GRAPHINOIL graphite lubricants—Winslow Lubricating Co., 608 Swan, Buffalo, N. Y.  
 GRAPHITE engine lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 GRAPHITED sheet packing—Danube Co., 253 Broadway, New York  
 GRAPHITE PERFECTO lubricating oils & greases—Theron T. Southwick, Rochester, N. Y.  
 GRAPHO axle grease—A. G. Harbaugh Co., Cleveland, Ohio  
 GRAPHO-BESTOS packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 GRAPHO core compounds—Pure Carbon Co., Wells-ville, N. Y.  
 GRAPHO lubricating oils & greases—Graphite Non-Friction Lubricant Co., Newark, N. J.  
 GRAPHO-ASBESTOS metallic packing—Strong Machinery & Supply Co., 21 Walker, New York  
 GRAPHO FLOP flax packing—General Asbestos Rubber Co., Charleston, S. C.  
 GRAPHOIL graphite lubricants & lubricating oils & greases—Graphoil Lubricating Co., 1777 B'way, New York  
 GRAPHO RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York  
 GRAPHOSE journal bearings—Chicago Bearing Metal Co., 2220 W. 43rd, Chicago, Ill.  
 GRAPPLE hand carts—M. H. Daley, Charles City, Ia.  
 GRASP-IT screw drivers—F. Lewold & Co., 206 W. Adams, Chicago, Ill.  
 GRASSHOPPER canners' fruit washing & scalding machines—Vance & Baker Mfg. Co., Muscatine, Ia.  
 GRATH brick press machines & roofing tile machinery—Illinois Supply & Construction Co., St. Louis, Mo.  
 GRAUPNER quartz mills—Joshua Henry Iron Works, San Francisco, Cal.  
 GRAVEL-COATES roofing—National Roofing Material Co., Edwardsville, Ill.  
 GRAVES galvanized copper boilers—John Trageser Steam Copper Works, New York  
 GRAVITY sash locks—Merital Devices Selling Co., Cleveland, Ohio  
 GRAWIN pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York  
 GRAY automobile gears—Dayton Electrical Mfg. Co., Dayton, Ohio  
 GRAY automobile mufflers—Gray-Hawley Mfg. Co., Detroit, Mich.  
 GRAY gasoline engines—A. W. Gray's Sons, Middletown, Vt.  
 GRAY hot blast stoves—Gray & Dudley Hardware Co., Nashville, Tenn.  
 GRAY traction engines—Gray Tractor Mfg. Co., Minneapolis, Minn.  
 GRAY EAGLE marble—Gray Eagle Marble Co., Knoxville, Tenn.  
 GRAY KING fire hose—B. F. Goodrich Co., Akron, Ohio  
 GRAY LINE screw drivers—Harding Mfg. Co., Mansfield, Mass.  
 GRAYS HARBOR fir & spruce lumber—National Lumber & Mfg. Co., Hoquiam, Wash.  
 GRAY'S valve grinding compounds & velvet belt dressing—Gray Specialty Co., 148 Avon av, Newark, N. J.  
 GREAT AMERICAN ball bearing lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.  
 GREAT ARROW lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
 GREAT LAKES marine paints—Hardy Paint & Varnish Co., Toledo, Ohio  
 GREAT NORTHERN harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.  
 GREAT NORTHERN hot water & steam heaters—Kewanee Boiler Co., Kewanee, Ill.  
 GREAT STICKEST mucilage—Carter's Ink Co., E. Cambridge, Boston, Mass.  
 GREAT WEST riding & walking listers—Gale Mfg. Co., Albion, Mich.  
 GREAT WESTERN axle oils—Great Western Oil Co., Cleveland, Ohio  
 GREAT WESTERN clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.  
 GREAT WESTERN cream separators & feed carriers—Rock Island Plow Co., Rock Island, Ill.  
 GREAT WESTERN cream separators & manure spreaders—Smith Mfg. Co., 161 W. Harrison, Chicago, Ill.  
 GREAT WESTERN disc harrows—Cutaway Harrow Co., Higganum, Conn.  
 GREAT WESTERN incubators & brooders—Jones, Post & Co., Racine, Wis.  
 GREAT WESTERN Swiss pattern files—Nicholson File Co., Providence, R. I.  
 GREAT WESTERN wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.  
 GREATER PITTSBURGH dumping wagons—Milburn Wagon Co., Toledo, Ohio  
 GREDAG graphite lubricants—International Acheson Graphite Co., Niagara Falls, N. Y.  
 GREEDYGRINDER root cutters—Gray Iron Casting Co., Springfield, Ohio  
 GREEK padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 GREEN blowers—Wilbraham-Green Blower Co., Pottstown, Pa.  
 GREEN grate bars & mechanical stokers—Green Engineering Co., East Chicago, Ind.  
 GREEN pneumatic tools—Dayton Pneumatic Tool Co., Dayton, Ohio



GREEN A calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.

GREEN MOUNTAIN lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.

GREEN MOUNTAIN silos—Creamery Package Mfg. Co., 30 N. La Salle, Chicago, Ill.

GREEN RIVER dies & screw plates—Greenfield Tap & Die Corp., Greenfield, Mass.

GREEN RIVER tire & axle shrinkers—Wiley & Russell Mfg. Co., Greenfield, Mass.

GREEN SEAL belt dressing—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio

GREEN SEAL house paint—Hanna Paint Mfg. Co., Columbus, Ohio

GREEN SEAL oxide of zinc—New Jersey Zinc Co., 55 Wall, New York

GREEN WHEELLOCK steam engines—American & British Mfg. Co., Bridgeport, Conn.

GREENE car hauls—C. O. Bartlett & Snow Co., French, Cleveland, Ohio

GREEN'S metallic library shelving—Snead & Co. Iron Works (Inc.) ft. of Pine, Jersey City, N. J.

GREENDALE rug front brick—Hocking Valley Products Co., Columbus, Ohio

GREENERD arbor presses—E. E. Bartlett, 326 A., Boston, Mass.

GREENFIELD drill chucks—Goodell-Pratt Co., Greenfield, Mass.

GREENFIELD drill chucks & mitre boxes—Goodell Mfg. Co., Greenfield, Mass.

GREENFIELD flexible metallic conduits—Sprague Electric Works, 527 W. 34th, New York

GREENFIELD reamer grinders—Greenfield Machine Co., Greenfield, Mass.

GREENHOUSE rubber hose—Empire Tire & Rubber Co., East Trenton, N. J.

GREENLAW flexible joints—Greenlaw Mfg. Co., 141 Milk, Boston, Mass.

GREENLEE auger bits—Greenlee Bros. & Co., Rockford, Ill.

GREEN'S seamless drawing tubing—American Tube Works, 10 Oliver, Boston, Mass.

GREENWICH linoleum—Henry Beutell & Son, 114 5th av, New York

GREENWOOD lawn mowers—Dille & McGuire Co., Richmond, Ind.

GREENWOOD metallic dabbers—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.

GREENWOOD stave jointing machines—Rochester Barrel Machine Works, Rochester, N. Y.

GREENWOOD top feed fertilizer distributors—Greenwood Mfg. Co., Lawrence, Mass.

GREER electric fuses—Harvard Electric Co., 525 W. Van Buren, Chicago, Ill.

GREESE railway track movers—Mann-McCann Co., Fisher bldg., Chicago, Ill.

GREOIL lubricating oils & greases—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.

GRESHAM boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York

GRESOLVENT hand soap—Utility Co., 636 W. 44th, New York

GRETCHEN bean & pea planters—Moline Plow Co., Moline, Ill.

GREYHOUND forge blowers—Gardner, R., Electrical Works, 1712 Columbus rd, Cleveland, Ohio

GRIDLEY turret lathes—National-Acme Mfg. Co., 7500 Stanton av, S. E. Cleveland, Ohio

GRIEVE dumping grates—Grieve Grate Co., 11 Broadway, New York

GRIFFIN grinding mills & pulverizers—Bradley Pulverizer Co., 92 State, Boston, Mass.

GRIFFIN hardware—Griffin Mfg. Co., Erie, Pa.

GRIFFIN safety razors—A. L. Silberstein, 74 5th av, New York

GRIFFIN suction conveyors—Griffin Engineering & Construction Co., Elkhart, Ind.

GRIFFITH'S pump governors—Collins Mfg. Co. (Ltd.), 612 Chestnut, Phila., Pa.

GRIFFON cutlery—A. L. Silberstein, 74 5th av, New York

GRIMES foundry molding machines—Midland Machine Co., Detroit, Mich.

GRIMES jolt ramming—Midland Machine Co., Detroit, Mich.

GRIMM maple sap buckets, maple syrup cans & maple sugar evaporators—G. H. Grimm, Rutland, Vt.

GRIMSHAW insulating tape & black rubber covered wire—New York Insulated Wire Co., 114 Liberty, New York

GRINNELL automatic fire sprinklers—General Fire Extinguisher Co., Providence, R. I.

GRINNELL WRIST FIT leather gloves—Morrison-Ricker Mfg. Co., Grinnell, Ia.

GRIP carriage fasteners—English & Mersick Co., New Haven, Conn.

GRIP fruit jar wrenches—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

GRIP pipe couplings—Grabler Mfg. Co., Ware, Mass.

GRIP rat traps—Lovell Mfg. Co., Erie, Pa.

GRIP stove lid lifters—Hamblin & Russell Mfg. Co., Worcester, Mass.

GRIP GREASE cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

GRIPLOCK chain link belting—Chain Belt Co., Milwaukee, Wis.

GRIP NECK bed & furniture casters—Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.

GRIPSALL pipe wrenches—Frank Mossberg Co., Attleboro, Mass.

GRIPSHANK pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.

GRIPTITE ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.

GRISWOLD fry pans & meat & food choppers—Griswold Mfg. Co., Erie, Pa.

GROBET Swiss files & riflers—Montgomery & Co., 105 Fulton, New York.

GRONKVIST drill chucks—Swedish Gage Co., Inc., 22 W. 61st, New York

GRONVOLD boiler flue cleaners—Burgess Machine Co., New Haven, Conn.

GRONWALL electric furnaces—John A. Crowley Co., 120 Liberty, New York

GRASS oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.

GROSSER hosiery knitting machines—Max Nydegger, 260 W. Broadway, New York

GROTE sectional heaters—F. Grote Works Co., Evansville, Ind.

GROUND hog road scrapers—Sidney Steel Scraper Co., Sidney, Ohio

GROUT acid vessels—Chas. J. Fields Sons, 633 Market, Philadelphia, Pa.

GRUB tank heaters—Drew Carrier Co., Waterloo, Wis.

GRUEBY clay crucibles, muffles—Grueby Faience & Tile Co., Boston, Mass.

GRUNDY flexible couplings—Chas. Bond Co., 520 Arch, Phila., Pa.

GRUWA-HUNTINGTON emery wheel dressers—Challenge Machine Co., 5116 Springfield av, Phila., Pa.

GRYNDYN valve grinding compounds—Stewart & Co., 171 Broadway, New York

GUARANTEE clothes washing machines—Michigan Washing Machine Co., Muskegon, Mich.

GUARANTEE rubber packing—Acme Rubber Mfg. Co., Trenton, N. J.

GUARANTEE soda water fountains—Fountain Specialty Co., Grand Haven, Mich.

GUARANTEED PERFECTION cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio

GUARD grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

GUARD padlocks—Slaymaker Lock Co., Lancaster, Pa.

GUARDIAN coal powder—Independent Powder Co., Joplin, Mo.

GUARDIAN cotton hose—Bowers Rubber Works, San Francisco, Cal.

GUARDIAN packing—Bowers Rubber Works, San Francisco, Cal.

GUGENSTROM bath water heaters—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.

GUIBERT fire hose reels—Cliff & Guibert Co., 460 W. Broadway, New York

GUILLOTT metallic gaskets—Gasket Mfg. Co., Galesburg, Pa.

GUN hand & machine taps—Greenfield Tap & Die Corp., Greenfield, Mass.

GUNNELL pneumatic tools—Manitowoc Ship Bldg. & Dry Dock Co., Manitowoc, Wis.

GUNNER cotton hose—Acme Rubber Mfg. Co., Trenton, N. J.

GUNTHER steam engine governors—Gunther-Wright Machine Co., Owensboro, Ky.

GUNTHER'S hot water heaters—Peter's Pump Co., Kewanee, Ill.

GURELY horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.

GURNEY down draft boilers, radiators, steam & hot water heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.

GURNEY journal bearings—Gurney Ball Bearing Co., Jamestown, N. Y.

GUSHER cog gear pumps—F. E. Myers & Bro., Ashland, Ohio

GUSTAFSON mine car wheels—Gustafson Mfg. Co., Chattanooga, Tenn.

GUTH farm gates—Automatic Pivot Gate Co., Waverly, Ohio

GUTHRIE self-measuring oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.



- GUTA BALATA belting—Boston Belting Co., 84 Linden Park, Boston, Mass.
- GUTTMAN steel factory stools, bins, tables, tumbling barrels—S. G. Arnold, 2619 W. Vanburen, Chicago, Ill.
- GYITE sealing wax—Insulatine Co., 1 Broadway, New York
- GYPSINE wall finish—Diamond Wall Finish Co., Grand Rapids, Mich.
- GYPSINITE-SACKETT fire proof floors—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
- GYPSITE column coverings, fire-proof floors, tile ceilings—Gypsite Fireproofing Co., 4th & Holden, Detroit, Mich.
- GYPSY grass hooks—Dunn Edge Tool Co., Oakland, Me.
- GYPSY windlasses—Gillie Machine Co., Tonawanda, N. Y.
- GYPSY windlasses—Wilcox, Crittenden & Co., Middletown, Conn.
- GYRATORY rock crushers—Traylor Engineering & Mfg. Co., Allentown, Pa.
- GYRO rubber heels—James Mfg. Co., Cleveland, Ohio
- GYROFAN electric ceiling fans—Adams-Bagnall Electric Co., Cleveland, Ohio
- H. removable screw calks—Rowe Calk Co., Hartford, Conn.
- H. B. carbon paper & typewriter ribbons—J. A. Heale & Co., 96 John, New York
- H. B. pocket knives—Humason & Beckley Mfg. Co., New Britain, Conn.
- H. B. steam & hot water heaters—H. B. Smith Co., Westfield, Mass.
- H. C. automobile & wagon jacks—Lane Bros. Co., Poughkeepsie, N. Y.
- H-C. electric portable drills—Holtzer-Cabot Electric Co., Brookline, Mass.
- H. C. magneto igniters—Holtzer-Cabot Electric Co., Brookline, Mass.
- H. C. polishing shot—Globe Steel Co., Mansfield, Ohio
- H. C. virgin clay scrapers—Chambers Bros. Co., 52nd, bel. Lancaster av, Phila., Pa.
- H. C. B. manganese steel centre tongue switches: track & street railway switches—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
- H-C-D lightning arresters—Western Telephone Mfg. Co., 2843 Warsaw av. Chicago, Ill.
- H. D. ejectors & automatic water heaters—Hayden & Derby Mfg. Co., 119 W. 40th, New York
- H. D. S. & CO. pincers—H. D. Smith & Co., Plantsville, Conn.
- H. G. barr drilling machines—Francis Reed Co., Worcester, Mass.
- H. H. antimony—C. W. Leavitt & Co., 34 Church, New York
- H. H. brown cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
- H. H. steam traps—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
- H. H. H. pneumatic tires—H. H. H. Tire & Mfg. Co., 263 Halsey, Newark, N. J.
- H. J. & C. compression stops—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
- H. M. & H. gas engines—Henry, Millard & Henry Co., York, Pa.
- H. M. S. bull dog spark plugs—Hartford Machine Screw Co., Hartford, Conn.
- H-O. pipe joint cements—H. W. Johns-Manville Co., Madison av & 41st, New York
- H. O. H. steel sheet—Follansbee Bros. Co., Pittsburgh, Pa.
- H. R. M. calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.
- H. S. EARLE'S corn harvester knives—North Wayne Tool Co., Hallowell, Me.
- H. S. H. tapping machines—H. E. Harris Engineering Co., 1041 Broad, Bridgeport, Conn.
- H. T. manganese steel centre tongue switches: track & street railway switches—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
- H. T. MILLER'S axes—American Axe & Tool Co., Glassport, Pa.
- H. W. barn door latches—Hardware Specialty Mfg. Co., Anderson, Ind.
- H-W. cross head pin oilers—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- H. W. RICON gas retorts—Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburgh, Pa.
- H. W. W. wire connectors—Fairmount Electric & Mfg. Co., 59th & Woodland av, Phila., Pa.
- H. & A. binder covers—Henry & Allen, Auburn, N. Y.
- H. & A. revolvers—Hopkins & Allen Arms Co., Norwich, Conn.
- H. & A. shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
- H. & B. bath waste—Hoffman & Billings Mfg. Co., Milwaukee, Wis.
- H. & B. cutlery, box openers, screw driver bits—Humason & Beckley Mfg. Co., New Britain, Conn.
- H. & B. floor & ceiling plates—Parker Wire Goods Co., Worcester, Mass.
- H. & B. flush plugs—Hatzell & Buehler, 373 4th av, New York
- H. & B. golf clubs—Hillerich & Bradley Co., 725 So. Preston, Louisville, Ky.
- H. & B. typewriter oils—J. A. Heale & Co., 96 John, New York
- H. & D. fertilizer distributors & spring tooth harrows—Hench & Dronigold Co., York, Pa.
- H. & G. self opening die heads—Eastern Machine Screw Corp., New Haven, Conn.
- H. & H. horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
- H. & H. metallic lockers, tool cabinets—Hart & Hutchinson Co., Dept. C., New Britain, Conn.
- H. & H. switches, switch boxes, flush plugs—Hart & Hegeman Mfg. Co., Hartford, Conn.
- H. & L. electric fuses—H. T. Paiste Co., Arch & 32nd, Philadelphia, Pa.
- H. & M. furniture polish—Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.
- H. & N. carbureters—H. & N. Carbureter Co., 1675 B'way, New York.
- H. & P. staybolt iron—Hughes & Patterson, 800 Richmond, Phila., Pa.
- H. & R. base ball masks, sink brushes—Hamblin & Russell Mfg. Co., Worcester, Mass.
- H. & S. trolley wire splicing sleeves—Hickney & Schneider, 61 B'way, New York
- HAAS anti-freezing water closets, hydrometers—Phillip Haas Co., Dayton, Ohio
- HAASE milling machine attachments—Albert Lea Machinery Co., Albert Lea, Minn.
- HACH urinal strainers—Richard G. Hach, 159 E. 26th, New York
- HAGGARD telegraph poles supports—Paul & Fulton Co., 31 W. Kinzie, Chicago, Ill.
- HAGGERTY washer cutters—Otto Bernz, 21 Ashland av, Newark, N. J.
- HAGSTROM spark plugs—Hagstrom Mfg. Co., Lindsay, Kans.
- HAHN watchman's clocks—Nanz Clock Co., 178 Fulton, New York
- HAIMANS potato planters—Southern Plow Co., Columbus, Ga.
- HAINER autographic registers & book-keeping machine—Hainer Book-Keeping Machine Co., 45 Williard av, Providence, R. I.
- HAINES vacuum controllers—Wm. S. Haines & Co., 136 S. 4th, Phila., Pa.
- HAINES WEAVER concrete mixers—Automatic Concrete Mixers Co., New York
- HAJOCA bath room fixtures—Haines, Jones & Cadbury Co., 1130 Ridge av, Philadelphia, Pa.
- HALBY shoveling machines—Lake Shore Engine Works, Marquette, Mich.
- HALCO sportsman's leggings—Hagerstown Shoe & Legging Co., Hagerstown, Md.
- HALE automatic blind hinges—Parker Wire Goods Co., Worcester, Mass.
- HALEY hose nozzles—Boston Coupling Co., 156 Pearl, Boston, Mass.
- HALL cast iron pipe cutters & pipe threading stocks—Walworth Mfg. Co., Boston, Mass.
- HALL feed carriers, garden spades, trowels, weeders, post hole diggers—Hall Mfg. Co., Monticello, Iowa
- HALL incandescent electric lamps—Capitol Electric Co., Denver, Colo.
- HALL loose pulleys—Cleveland Clutch Co., Ravenna, Ohio
- HALL oil filters—Hall Mfg. Co., Harrison, N. J.
- HALL postage stamp affixing machines—Puritan Mailing Machine Co., 301 Congress, Boston, Mass.
- HALL self-oiling pulleys—Cleveland Clutch Co., Ravenna, Ohio
- HALLADAY windmills & wood tanks—U. S. Wind Engine & Pump Co., Batavia, Ill.
- HALLETT trolley line materials, arc lamp brackets, anchor rods, cable reel jacks, cable trolleys, pole clamps—Hallett Iron Works, Harvey, Ill.
- HALLO concrete hanger supports—Albert C. Racky, 531 S. 5th av, Chicago, Ill.
- HALLOWAY chemical fire engines—James Boyd & Bro., 25th & Wharton, Philadelphia, Pa.
- HALLOWELL shafting collars—Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
- HALL-SCOTT passenger cars—Hall-Scott Motor Car Co., San Francisco, Cal.



- HALL'S** end cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.
- HALL'S** grate bars—Stowell Co., S. Milwaukee, Wis.
- HALL'S** oil & grease cups—Hall Mfg. Co., Harrison, N. J.
- HALO** metal polish—Standard Carbon Co., Los Angeles, Cal.
- HALSEY** ice chippers—Bernardin Bottle Cap Co., Evansville, Ind.
- HALSTEAD** attrition mills—Engelburg Huller Co., Syracuse, N. Y.
- HALSUP** steel tubular barrows—Sidney Steel Scraper Co., Sidney, Ohio
- HAM** sand boxes—Trojan Button Fastener Co., Troy, N. Y.
- HAMBURG** potato diggers—Gowanda Agricultural Works, Gowanda, N. Y.
- HAMBURG** potato diggers—Hamburg Plow Works, Hamburg, Pa.
- HAMILTON** advance traction engines—Advance Mfg. Co., Hamilton, Ohio
- HAMILTON** Corliss engines—Hooven, Owens, Rentschler Co., Hamilton, Ohio
- HAMILTON** disc harrows—Long & Allstater Co., Hamilton, Ohio
- HAMILTON** gas engines—Wogaman Bros. Co., Greenville, Ohio
- HAMILTON** pure-air gas logs—Pure-Air Range & Grate Co., Oakland, Cal.
- HAMILTON** seeder attachments—H. P. Deuscher Co., Hamilton, Ohio
- HAMILTON** shears & scissors—Wiebush & Hilger, 106 Lafayette, New York
- HAMILTON** steam engines, air & gas compressors, pumps, sugar cane mills—Hooven, Owens & Rentschler Co., Hamilton, Ohio
- HAMILTON** wire fence machines—H. P. Deuscher Co., Hamilton, Ohio
- HAMILTON-HOLZWARTH** flexible couplings—Hooven, Owens, Rentschler Co., Hamilton, Ohio
- Hamilton-Pratt** cane sugar machinery—Hooven, Owens, Rentschler Co., Hamilton, Ohio
- HAMMER** core making machines—Brown Specialty Machinery Co., 2440 W. 22nd, Chicago, Ill.
- HAMMER** screw pumps, hanging lamps—Hammer & Co., Branford, Conn.
- HAMMER** self-locking row locks—Malleable Iron Fittings Co., Branford, Conn.
- HAMMER HANDLE** wrenches—Coes Wrench Co., Worcester, Mass.
- HAMMERLOCK** closet seats & plumbers' wood work—J. C. Eichman Mfg. Co., Baltimore, Md.
- HAMMER THE HAMMER** revolver—Johnson's Iver, Arms & Cycle Works, Fitchburg, Mass.
- HAMMON** pipe couplings—Hammon Coupler Co., Farmers' Bank bldg., Pittsburgh, Pa.
- HAMMOND** can labeling machines—A. K. Robins & Co., 116 Market pl, Baltimore, Md.
- HAMMOND** typewriters—Hammond Typewriter Co., 69th & East River, New York
- HAMONDTANK** steel tanks—Hammond Iron Works, Warren, Pa.
- HAMPDEN** paint—Hampden Paint & Chemical Co., Springfield, Mass.
- HAMPDEN** rug fasteners & picture hooks—Hampden Mfg. Co., 100 Fulton, New York
- HAMPSHIRE** lawn mowers—Granite State Mowing Machine Co., N. H.
- HAMPTON** metal lathe—Penn Metal Co., 201 Devonshire, Boston, Mass.
- HAMPTON** sedimentation tanks—Sterilization Co., 9 Clinton, Newark, N. J.
- HAMR-HANDL** screw drivers—Crescent Tool Co., Jamestown, N. Y.
- HAM'S** coping machines—L. M. Ham & Co., 158 Portland, Boston, Mass.
- HAMSLEY** metallic shingles—Jacob Ringle & Son, 83 Newark av, Jersey City, N. J.
- HANCHETT** saw filing machines—Hanchett Swage Works, Big Rapids, Mich.
- HANCOCK** gasoline strainers—Hancock Mfg. Co., Charlotte, Mich.
- HANCOCK** inspirators & ejectors—Hancock Inspirator Co., 119 W. 40th, New York
- HANCOCK** jig for concentrating mills—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
- HANCOCK JR.** disc plows—Racine-Sattley Co., Springfield, Ill.
- HANDEY** battery connectors—Chicago Electric Mfg. Co., 2817 S. Halsted, Chicago, Ill.
- HANDI HANGER** extension bars—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
- HANDIHOOK** picture hooks—August Goertz & Co., 276 Morris av, Newark, N. J.
- HANDI-TOOL** combination tools—C. E. Benefiel Co., Indianapolis, Ind.
- HANDLAN** drill chucks, car seal presses, engine & tail markers—Handlan-Buck Mfg. Co., 210-214 N. 3rd, St. Louis, Mo.
- HANDY** anti rattlers—Monarch Carriage Goods Co., 2842 Spring Grove av, Cincinnati, Ohio
- HANDY** ash can trucks—W. G. Browne Mfg. Co., Kingston, N. Y.
- HANDY** automobile switches & receptacle plugs—Chicago Electric Mfg. Co., 2817 S. Halsted, Chicago, Ill.
- HANDY** bag trucks—Cardington Cabinet Co., Cardington, Ohio
- HANDY** bar belt dressing—Crescent Belt Fastener Co., 381 4th av, New York
- HANDY** boiler flue plugs—Elisha Webb & Son, 43 S. Water, Phila., Pa.
- HANDY** broom holders—Reading Saddle & Mfg. Co., Reading, Pa.
- HANDY** brushes—Standard Brush Co., New Hartford, Conn.
- HANDY** can openers, kraut cutters, tack claws & pullers—Handy Things Mfg. Co., Ludington, Mich.
- HANDY** carboy carriers—Lansing Co., Lansing, Mich.
- HANDY** clothes line reels—Feeney Mfg. Co., Muncie, Ind.
- HANDY** clothes pin bags—Excelsior Bag & Mfg. Co., Troy, N. Y.
- HANDY** clothes washing machines—Glascock Bros. Mfg. Co., Muncie, Ind.
- HANDY** coal hods & poultry fountains—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
- HANDY** corn hooks—Wallingford Mfg. Co., Wallingford, Vt.
- HANDY** feed cutters—Hamburg Plow Works, Hamburg, Pa.
- HANDY** fishing rod holders—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
- HANDY** gasoline lamps & lighting systems—Brilliant Gas Lamp Co., 1009 Wabash av, Chicago, Ill.
- HANDY** gauges—Caldwell Mfg. Co., 8 Jones, Rochester, N. Y.
- HANDY** glass cutters—Fletcher, Terry Co., Forrestville, Conn.
- HANDY** hand card cutting machines—L. F. Grammes & Sons, Allentown, Pa.
- HANDY** hand carts—Havana Metal Wheel Co., Havana, Ill.
- HANDY** hand power punches—Danzer Metal Works, Hagerstown, Md.
- HANDY** hose racks—Specialty Mfg. Co., St. Anthony Park, Minn.
- HANDY** incandescent lamp cleaners & lamp replacers—Frank W. Morse, 293 Congress, Boston, Mass.
- HANDY** lawn mower oilers—Bridgeport Brass Co., Bridgeport, Conn.
- HANDY** lawn sprinklers—Central Brass & Stamping Co., Peoria, Ill.
- HANDY** paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio
- HANDY** paper dishes—Star Paper Dish Co., Richmond, Va.
- HANDY** pipe vises—Dikeman Mfg. Co., Norwalk, Conn.
- HANDY** post drills—Illinois Iron & Bolt Co., Carpentersville, Ill.
- HANDY** pot cover repair knobs—Bogert & Hopper Co., 67 Barclay, New York
- HANDY** pot cover repair knobs—E. B. Estes & Sons, 358 5th av, New York
- HANDY** pumping jacks—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
- HANDY** quick-opening & quick-closing valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- HANDY** riveting machines—A. Williams, Ravenna, Ohio
- HANDY** rope cleats—Parker Wire Goods Co., Worcester, Mass.
- HANDY** saw sets—Kilborn & Bishop Co., New Haven, Conn.
- HANDY** screen door pulls—Hunt, Helm, Ferris & Co., Harvard, Ill.
- HANDY** screw driver bits—West Haven Mfg. Co., West Haven, Conn.
- HANDY** screw drivers—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- HANDY** screw drivers—Turner & Deegan, Bristol, Conn.
- HANDY** shaft couplers—Fernald Mfg. Co., North End, Pa.
- HANDY** slitting shears—W. A. Wheeler, Indianapolis, Ind.
- HANDY** soldering sets—W. L. Barrett, Bristol, Conn.
- HANDY** steam traps—E. M. Nichols, 212 W. Washington sq, Phila., Pa.
- HANDY** steel derricks—Boss Pulling Machine Co., Vanburen, Ind.



- HANDY step ladders—Handy Ladder Works, Cleveland, Ohio
- HANDY step ladders—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
- HANDY stock fountains—Novelty Iron Works, Sterling, Ill.
- HANDY stock & dies & pipe vises—Handy Mfg. Co., Bridgeport, Conn.
- HANDY store trucks—Southern Plow Co., Columbus, Ga.
- HANDY stove lid lifters—I. C. Imboden Co., Cleona, Pa.
- HANDY telescope cot bed—Telescope Cot Bed Co., 535 E. 79th, New York
- HANDY tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
- HANDY tire air pumps—Cox Brass Mfg. Co., Albany, N. Y.
- HANDY tire bolter wrenches—W. F. Custer & Son, Summitville, Ind.
- HANDY wooden kegs—Union Cooperage Co., 2nd & Penrose, St. Louis, Mo.
- HANDY ANDY electric lanterns—R. M. Millar Electric Works, 9 S. Clinton, Chicago, Ill.
- HANDY ANDY shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
- HANDY ROLL toilet paper holders—Flat O Roll Mfg. Co., Herkimer, N. Y.
- HANG-UP wall hooks—Hampden Mfg. Co., 108 Fulton, New York
- HANIEL & LUEG hydraulic presses—Mesta Machine Co., Pittsburgh, Pa.
- HANKE stairway fire escapes—Hanke Iron & Wire Works, Albany, Grand & Chicago avs, Chicago, Ill.
- HANNA pipe hangers—Penna. Engineering Co., 312 Cherry, Phila., Pa.
- HANNA sand mixing machines, foundry riddles, pneumatic tools—Hanna Engineering Works, 2059 Elston av, Chicago, Ill.
- HANNA tire air pumps—Troy Auto Specialty Co., Troy, N. Y.
- HANNIBAL gasoline lighting systems—Hannibal Gas Machine & Mfg. Co., Hannibal, Mo.
- HANNIFIN countershafts, expanding mandrels, self opening dies—Hannifin Mfg. Co., 621 S. Kolmar av, Chicago, Ill.
- HANNON plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
- HANSA linoleum—C. H. Weber, 17th & 4th av, New York
- HANSEN & HAYNES rotary dumps—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- HANSEN'S danish butter colors—D. H. Burrell & Co., Little Falls, N. Y.
- HANSOM inverted gasoline lamps—American Gas Machine Co., Albert Lea, Minn.
- HANSON gas machines & street lamps—American Gas Machine Co., Albert Lea, Minn.
- HANSON pipe & anvil vises—Stowell Co., South Milwaukee, Wis.
- HANSON reinforcing bar benders—A. P. Hanson & Son, 1911 Emerson av, Chicago, Ill.
- HANSON'S steel wool & shavings—F. C. Hanson, Southbridge, Mass.
- HAPPIDOG muzzlers—Walter B. Stevens & Son, 114 Chambers, New York
- HAPPY electric sad irons—Detroit Electric Heater Co., Detroit, Mich.
- HAPPY DAY washing machines—National Sewing Machine Co., Belvidere, Ill.
- HAPPY FARMER tractors—Happy Farmer Tractor Co., 322 3rd av N., Minneapolis, Minn.
- HAPPY THOUGHT stoves—Pittston Stove Co., Pittston, Pa.
- HARDERNELL wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
- HARDICK steam pumps—Foster Pump Works, 36 Bridge, Brooklyn, N. Y.
- HARDIE gasoline engines—Hardie Mfg. Co., Hudson, Mich.
- HARDINGE stone pulverizers—Hardinge Conical Mill Co., 50 Church, New York
- HARDING'S card feed rolls—R. H. Hood Co., 1842 Gtn. av, Phila., Pa.
- HARDING'S comb circles & fallers—Leigh & Butler, 232 Summer, Boston, Mass.
- HARDISON chain tongs—Union Tool Co., Los Angeles, Cal.
- HARDSOEG pneumatic rock drills—Hardsocg Wonder Drill Co., Ottumwa, Ia.
- HARDY & PINDER screen plates—Wm. A. Hardy & Sons Co., Fitchburg, Mass.
- HARGRAVE clamps, saw vises, screw drivers, drills, rod cutters, bench stops—Cincinnati Tool Co., Norwood, Cincinnati, Ohio
- HARJER fly traps—Reynolds Wire Co., Dixon, Ill.
- HARLAND varnishes—Wm. Harland & Sons, Buffalo, N. Y.
- HARLEM packing—Revere Rubber Co., Chelsea, Mass.
- HAR MAC rural mail boxes—Harper & McIntire Co., Ottumwa, Ia.
- HARMON diaphragm screens—Harmon Machine Co., Watertown, N. Y.
- HARMON lumber trimmers—Diamond Iron Works, Minneapolis, Minn.
- HARPER fly traps—National Mfg. Co., Worcester, Mass.
- HARPER metallic packing—Harper Mfg. Co., Chester, Pa.
- HARPER sad irons—Chicago Hardware Foundry Co., 546 W. Washington, N. Chicago, Ill.
- HARPER savings banks—Sager Lock Co., North Chicago, Ill.
- HARPER HANDY stove trucks & casters—Chicago Hardware Foundry Co., 546 W. Washington, N. Chicago, Ill.
- HARRIMAC fish landing nets & gaff hooks—A. F. Meisselbach & Bro., 29 Congress, Newark, N. J.
- HARRINGTON coffee percolators—O. W. Burritt & Bro., Weedsport, N. Y.
- HARRINGTON mechanical stokers—Green Engineering Co., East Chicago, Ill.
- HARRINGTON safety switch point lock—Wood & Van Nest, 26 Cortlandt, New York
- HARRIS coil heaters—Arthur Harris & Co., 212 N. Curtis, Chicago, Ill.
- HARRIS gasoline engines—Harris Engine Co., Front & Orange, Wilmington, Del.
- HARRIS grapple forks—Milwaukee Hay Tool Co., Milwaukee, Wis.
- HARRIS grapple forks—J. E. Porter Co., Ottawa, Ill.
- HARRIS harpoon forks—F. E. Myers & Bro., Ashland, Ohio
- HARRIS incandescent gas mantles—Harris Wood Fibre Mantle Co., Cleveland, Ohio
- HARRIS lathe dogs—Samuel Harris & Co., 114 N. Clinton, Chicago, Ill.
- HARRIS lubricating oils & greases—A. W. Harris Oil Co., 326 S. Water, Providence, R. I.
- HARRIS mine car hitchings—Pittsburgh Knife & Forge Co., N. S. Pittsburgh, Pa.
- HARRIS railroad track laying machines—Geo. F. H. Hicks, 537 S. Dearborn, Chicago, Ill.
- HARRIS sash operating devices—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.
- HARRIS self-wringing mops—American Bread & Pastry-Board Co., Cambridge, Mass.
- HARRIS thumb nuts & thumb screws—Samuel Harris & Co., 114 N. Clinton, Chicago, Ill.
- HARRISON anvil vises—Stowell Co., S. Milwaukee, Wis.
- HARRISON corn & cob mills—Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
- HARRISON draughting tables—H. Cole Co., 68 E. Gay, Columbus, Ohio
- HARRISON M. I. P. key cutting machines—Harrison & Co., 81 New, New York
- HARRISON'S paint & varnish remover—Harrison Bros. & Co., Inc., 35th & Gray's Ferry rd, Phila., Pa.
- HARRIS-SCOUREE metal polish—A. W. Harris Oil Co., 326 S. Water, Providence, R. I.
- HARROUN automobile bumpers—Turner Brass Works, Sycamore, Ill.
- HARRY'S ash & garbage cans, cyclone cellars, oil storage tanks, portable houses, lawn & garden rollers—Harry Bros. Co., New Orleans, La.
- HART ballast cars—Rodger Ballast Car Co., Railway Exchange bldg., Chicago, Ill.
- HART emery & corundum wheels—Detroit Grinding Wheel Co., Detroit, Mich.
- HART hollow cap screws—H. C. Hart Mfg. Co., Unionville, Conn.
- HART lubricators—Sherwood Mfg. Co., Buffalo, N. Y.
- HART packing—Hart Packing Co., 144 High, Boston, Mass.
- HART padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.
- HART portable grain elevators—Hart Grain Weigher Co., Peoria, Ill.
- HART sash holders—Hart Sash Holders Co., Lexington, Mo.
- HART snap switches—Hart & Hegeman Mfg. Co., Hartford, Conn.
- HART-BROWN self feeder carriers—Hart Grain Weigher Co., Peoria, Ill.
- HARTER expansion joints—Power Specialty Co., 111 Broadway, New York



HARTER shock absorbers—Harter Mfg. Co., 522 S. Clinton, Chicago, Ill.  
 HARTFORD ball cocks—Burlington Brass Works, Burlington, Wis.  
 HARTFORD bath & basin traps—Jos. H. Young Co., 82 High, Boston, Mass.  
 HARTFORD bronze greens—Harrison's Inc., 35th & Grays Ferry rd, Phila., Pa.  
 HARTFORD die & bench filing machines—Robinson Tool Works, Waterbury, Conn.  
 HARTFORD feed water heaters—I. B. Davis & Son, Hartford, Conn.  
 HARTFORD fire hose racks—W. D. Allen Mfg. Co., 570 Lake, Chicago, Ill.  
 HARTFORD marine engines—Gray & Prior Machine Co., Hartford, Conn.  
 HARTFORD printing presses, embossing presses, surface grinders—National Machine Co., Hartford, Conn.  
 HARTFORD rubber tires—Hartford Rubber Works Co., Hartford, Conn.  
 HARTFORD side weight horseshoes—Side Weight Horse Shoe Co., Mechanic, Hartford, Conn.  
 HARTFORD time switches—Hartford Time Switch Co., 71 Murray, New York  
 HARTMAN friction clutches & propeller wheels—McFarland Foundry & Machine Co., Trenton, N. J.  
 HARTLEY & KENYON surgical instruments—Peder-son Lubricator Co., 644 First av, New York  
 HARTMAN center plates—Joliet Railway Supply Co., 4052 Princeton av, Chicago, Ill.  
 HARTMAN center plates & side bearings—Gould Coupler Co., 30 E. 42nd, New York  
 HARTMAN iron fences—Pettler Steel Mat & Mfg. Co., Beaver Falls, Pa.  
 HARTMANN & BRAUN synchroscopes & frequency meters—Machado & Roller, 203 Broadway, New York  
 HARTNESS automatic dies—Jones & Lamson Machine Co., Springfield, Vt.  
 HART-PARR tractors—Hart-Parr Co., Charles City, Ia.  
 HART SHAPE waffle irons—Andresen Hardware Co., Minneapolis, Minn.  
 HARTZFELD electric furnaces—Elmer & Amend, 18th & 3rd, New York  
 HARVARD barn door latches & rails—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 HARVARD blackboard surfacing material—Devoe & Reynolds Co., 101 Fulton, New York  
 HARVARD brick—Waldo, Bros., 45 Batterymarch, Boston, Mass.  
 HARVARD coal meters—O. D. Harvard Co., Scranton, Pa.  
 HARVARD spray pumps—Rumsey Pump Co., Box J, Seneca Falls, N. Y.  
 HARVARD steam & hot water heaters—J. H. McLain Co., Canton, Ohio  
 HARVARD tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 HARVESTER suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 HARVEY carbon removers—Harvey Chemical Co., Lafayette, Ind.  
 HARVEY equalizers—Harvey Spring & Forging Co., Racine, Wis.  
 HARVEY friction draft springs—Detroit Steel Products Co., Detroit, Mich.  
 HARVEY friction draft springs—Frost Railway Supply Co., Detroit, Mich.  
 HARTWIG metallic shades—P. R. Mfg. Co., Detroit, Mich.  
 HARVEST KING grindstones—Cleveland Stone Co., Leader News Bldg., Cleveland, Ohio.  
 HARWICK concrete mixers—Hall-Holmes Mfg. Co., Jackson, Mich.  
 HASCO door stops, hickory handles, file & chisel handles—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.  
 HASKINS foundry chaplets—Hill & Griffith Co., 1262 State av, Cincinnati, Ohio  
 HASKINS mill gears—A. Garrison Foundry Co., 901 Bingham, Pittsburgh, Pa.  
 HASTINGS step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.  
 HATCH metallic packing—E. W. Hatch, 14 L, Boston, Mass.  
 HATCHING WONDER incubators & brooders—Geo. Ertel Co., Quincy, Ill.  
 HATFIELD safety razor blade sharpening machines—Hyfield Mfg. Co., 21 Walker, New York  
 HAUCK sulky hay rakes—Geo. S. Comstock & Son, Mechanicsburg, Pa.  
 HAVANA gas engines—Havana Mfg. Co., Havana, Ill.  
 HAVEMEYER concrete reinforcing bars—Concrete Steel Co., of America, Oliver bldg., Pittsburgh, Pa.

HAVEN floor scrapers—Haven Mfg. Co., Racine, Wis.  
 HAVEN'S comealongs—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.  
 HAVEN'S linemen's splicing clamps—Smith & Hemenway Co., 76 Chambers, New York  
 HAVOLINE lubricating oils & greases & metal polish—Havoline Oil Co., 44 Whitehall, New York  
 HAVOLINE lubricating oils & greases—Indian Refining Co., 44 Whitehall, New York  
 HAWKEYE cement—Hawkeye Portland Cement Co., Des Moines, Ia.  
 HAWKEYE corn & cob mills—E. Children's Sons Mfg. Co., Council Bluffs, Ia.  
 HAWKEYE grain cleaning & grading machinery, ratchet wrenches & self-feeders & band cutters for threshers, stock fountains—Maytag Co., Newton, Ia.  
 HAWKEYE grain drills & portable grain elevator—E. Children's Sons Mfg. Co., Council Bluffs, Ia.  
 HAWKEYE incandescent lamp sockets—Electric Supply Co., Sioux City, Ia.  
 HAWKEYE lawn trimmers—Osmundson Space Mfg. Co., Perry, Ia.  
 HAWKEYE pipe wrenches—Hawkeye Wrench Co., Marshalltown, Ia.  
 HAWKEYE refrigerator baskets—Burlington Basket Co., Burlington, Ia.  
 HAWKEYE stump pullers—Milne Mfg. Co., Monmouth, Ill.  
 HAWKS range boiler stands—Hugo Mfg. Co., Duluth, Minn.  
 HAWTHORNE automobile horns, carbureters, self winding clothes lines—Hawthorne Mfg. Co., Bridgeport, Conn.  
 HAWTHORNE electric bells—Western Electric Co., 463 West, New York  
 HAXTUN steam & hot water heaters—Kewanee Boiler Co., Kewanee, Ill.  
 HAYDEN automobile brakes—Hayden Automatic & Equipment Co., 26 Cortlandt, New York  
 HAYDEN brass wrenches—Belden Machine Co., New Haven, Conn.  
 HAYDEN concrete building block machinery—Hayden Automatic Block Machine Co., Columbus, Ohio  
 HAYDEN pipe wrenches—Belden Machine Co., New Haven, Conn.  
 HAYDEN pipe wrenches—Haydenville Co., Haydenville, Mass.  
 HAYDENVILLE shower bath valves—Haydenville Co., Haydenville, Mass.  
 HAYES auger handles—Bonney Vise & Tool Works, Allentown, Pa.  
 HAYES car derailleurs—Hayes Track Appliance Co., Richmond, Ind.  
 HAYES cultivators, riding & walking listers, sanitary drinking fountains—Hayes Pump & Planter Co., Galva, Ill.  
 HAYES lock hooks & lock snaps—Draper & Hall Co., Middletown, Conn.  
 HAYES locomotive water strainers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 HAY KING horse presses—New Winona Mfg. Co., Winona, Minn.  
 HAYMAKER unloaders—F. E. Myers & Bro., Ashland, Ohio  
 HAYS gas analysis apparatus—Combustion Appliance Co., 1778 East, Chicago, Ill.  
 HAYS gas analysis apparatus—Elmer & Amend, 18th & 3rd av, New York  
 HAYS gas analysis apparatus—Wm. B. Picree Co., Buffalo, N. Y.  
 HAYS gas analysis apparatus—G. L. Simonds & Co., 230 S. La Salle, Chicago, Ill.  
 HAYTON centrifugal pumps—Dayton-Dick Co., Quincy, Ill.  
 HAYWARD life saving nets—S. F. Hayward & Co., 250 W. 54th, New York  
 HAYWARD tank heaters—Butler Co., Butler, Ind.  
 HAZARD KENTUCKY RIFLE powder—du Pont, E. I., de Nemours & Co., Wilmington, Del.  
 HAZEN harrows & pulverizers—W. S. Hazen, Ripon, Wis.  
 HEADLIGHT arc light carbons—National Carbon Co., Cleveland, Ohio  
 HEADLIGHT rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 HEALD magnetic chucks—Heald Machine Co., Worcester, Mass.  
 HEALD'S gear link drive chains—Union Malleable Iron Co., East Moline, Ill.  
 HEAP'S dry earth closets—Wm. Heap & Sons, Grand Haven, Mich.  
 HEART belting—Graton & Knight Mfg. Co., Worcester, Mass.  
 HEART BEAT rock drill lubricators—Ingersoll-Rand Co., 11 Broadway, New York



- HEARTLEY HOLD FAST ground mole traps—Heartley Machine, Variety Iron & Tool Works, 900-908 Summit, Toledo, Ohio
- HEATH carriage hubs—Shortsville Wheel Co., Shortsville, N. Y.
- HEATH hay knives—G. A. Swineford Co., Canton, Ohio
- HEATHER oil & grease cups—Wm. Powell Co., Cincinnati, Ohio
- HEATON carriage fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
- HEATON latch needles—Continental Latch Needle Co., 120 Liberty, New York
- HEAVY A. wedge top shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
- HEAVY DUTY bench drilling machines—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
- HEBERT piston rings—Hebert Mfg. Co., Franklin, N. H.
- HECLA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- HECLA oil pump lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.
- HECLA packing—General Asbestos Rubber Co., Charleston, S. C.
- HECLA steam & hot water heaters—U. S. Radiator Co., Dunkirk, N. Y.
- HECO spark plugs—Heinze Electric Co., Lowell, Mass.
- HECTOR long fulcrum pumps—W. & B. Douglas, Middletown, Conn.
- HECTOR rubber hose—Republic Rubber Co., Youngstown, Ohio
- HEDLEY car buffers—Railway Improvement Co., 61 Broadway, New York
- HEEBNER'S union fodder cutters—Heebner & Sons, Lansdale, Pa.
- HEENAN garbage disposal plants—Power Specialty Co., 111 Broadway, New York
- HEER gasoline traction engines—Heer Engine Co., Portsmouth, Ohio
- HEEREN badges—International Register Co., 15 Throop, Chicago, Ill.
- HEESEN farm boilers—Heesen Bros. Co., Tecumseh, Mich.
- HEFT oil & gasoline pumps—A. C. Kraft Co., 323 W. Lake, Chicago, Ill.
- HEICHSTADTER'S boiler compounds—Gallaway, G. W., 322 Pearl, New York
- HEIDER tractors—Rock Island Plow Co., Rock Island, Ill.
- HEIM street sprinkling valves—B. Hoffman Mfg. Co., Milwaukee, Wis.
- HEINE water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
- HEINSS tool emery grinders—Huntington Machine & Foundry Co., Huntington, Ind.
- HEINTZ steam traps—H. A. Rogers Co., 87 Walker, New York
- HEINZ plasters' steel corner beads—Church Appliance Mfg. Co., La Salle, Ill.
- HEINZE spark plugs—Heinze Electric Co., Lowell, Mass.
- HEINZ-SKINNER acid fans—Stearns-Rogers Mfg. Co., Denver, Colo.
- HEIZMANN night latches—Penn Hardware Co., Reading, Pa.
- HELDERBERG cement—Helderberg Cement Co., Albany, N. Y.
- HELESHAW automobile clutches—Merchant & Evans Co., 517 Arch, Phila., Pa.
- HELICAL bed springs—Morgan Spring Co., Worcester, Mass.
- HELICORD packing—General Asbestos Rubber Co., Charleston, S. C.
- HELIMOL packing—Crandall Packing Co., Palmyra, N. Y.
- HELIOS packing—Crandall Packing Co., Palmyra, N. Y.
- HELLER feed cutters—Heller-Aller Co., Napoleon, Ohio
- HELLER'S alloy tool steel—Heller Bros. Co., Mt. Prospect, av, Newark, N. J.
- HELLO dry batteries—Stackpole Carbon Co., St. Marys, Pa.
- HELM cement brick machines—Helm Brick Machine Co., Cadillac, Mich.
- HELM stock fountains—S. D. Helm Mfg. Co., Crawfordsville, Ind.
- HELMET babbitt metal, journal bearings, abrasive discs, oil & grease cup lubricators, pipe taps & drills—Chas. H. Besly Co., 120 N. Clinton, Chicago, Ill.
- HELMET belting & rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- HELMET window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd., Chicago, Ill.
- HELN dry batteries—Henry Wilhelm, 70 Frost, Brooklyn, N. Y.
- HELOIS sheet packing—Crandall Packing Co., Palmyra, N. Y.
- HELPING HAND vegetable tongs—Hamblin & Russell Mfg. Co., Worcester, Mass.
- HELPMATE milk bottle caps—Spahr Mfg. Co., 1423 Vine, Phila., Pa.
- HELVA power hammers—Armstrong Mfg. Co., Waterloo, Ia.
- HELVETIA leather—G. Groezinger's Sons, Lancaster, Pa.
- HELWIG pneumatic tools—Helwig Mfg. Co., St. Paul, Minn.
- HEMEKE canvas stitched belting—Manheim Mfg. & Belting Co., Manheim, Pa.
- HEMM'S hay rack fixtures—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- HEMOFAM electric sign flashers—S. H. Hoggson & Co., 17 Thames, New York
- HEMP fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.
- HEMPEL'S gas analysis apparatus—Emil Greiner Co., 55 Fulton, New York
- HEMPHILL knitting machines—Acme Knitting Machine & Needle Co., Franklin, N. H.
- HENCH & DROMGOLD potato diggers—Hench & Dromgold Co., York, Pa.
- HENDERSHOT compression couplings—Valley Iron Works, Williamsport, Pa.
- HENDERSON car signs—U. S. Electric Signal Co., West Newton, Mass.
- HENDERSON portable benches—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.
- HENDERSON roof brackets—A. P. Henderson, Asinippi, Mass.
- HENDEY shaper centers, lathes, milling machines, turret attachments; vises—Hendey Machine Co., Torrington, Conn.
- HENDRICK ice & refrigerating machines—Carbon-dale Machine Co., Carbondale, Pa.
- HENDRYX mining agitators, cyanide plants—Hendryx Cyanide Machinery Co., 136 Liberty, New York
- HENIS fruit presses—Silver & Co., 304 Hewes, Brooklyn, N. Y.
- HENNEN'S calking putty—Weatherproof Calking Co., Minneapolis, Minn.
- HENNEPIN iron & steel roofing—St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
- HENNEY spring wagons—Moline Plow Co., Moline, Ill.
- HENNINGS steam & hot water heaters—Columbia Heater Co., Paterson, N. J.
- HENRICI extractors—Lovewell-Henrici Co., Chelsea, Mass.
- HENRY classifying screens—American Concentrator Co., Springfield, Ohio
- HENRY flue & tube cleaners—Steam Appliance Co., Milwaukee, Wis.
- HENRY grease cups—Henry Mfg. & Grease Cup Co., Terre Haute, Ind.
- HENRY mining screens—Webb City & Cartersville Foundry & Machine Works, Webb City, Mo.
- HENZEL fishing hooks—J. G. Henzel, 1313 S. Fairfield av, Chicago, Ill.
- HERAEUS electric furnaces, fused quartz glass, resistance thermometers—Chas. Engelhard, 30 Church, New York
- HERAEUS platinum thermometers—Hanovia Chemical & Mfg. Co., 233 N. J. R. R. av, Newark, N. J.
- HERBERT alcohol stoves—Cassady-Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- HERBERT file testing & indicating machines—Olsen Tinius Testing Machine Co., 500 W. 12th, Phila., Pa.
- HERBERT horse pokes—Lansing Co., Lansing, Mich.
- HERBERT steam & hot water heaters—Herbert Boiler Co., 140 Root, Chicago, Ill.
- HERCULEAN signal lamps—Dressel Railway Lamp Works, 3800 Park av, New York
- HERCULES angle bending machines—Wiener Machy. Co., 56 Church, New York
- HERCULES attrition mills—Barnard & Leas Mfg. Co., Moline, Ill.
- HERCULES auto creepers, coaster wagons, flexible steel belt conveyors, tool racks, steel mats—La Porte Mat. & Mfg. Co., La Porte, Ind.
- HERCULES automobile tire holders—Western Brass Mfg. Works, 2007 Marshall blvd, Chicago, Ill.
- HERCULES bale ties—Baling Tie Buckle Co., Waterloo rd. Cleveland, Ohio.
- HERCULES barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
- HERCULES belt lacing—Hercules Mfg. Co., 2138 W. Van Buren, Chicago, Ill.



HERCULES belt lacing—Page Belting Co., Concord, N. H.  
 HERCULES belt punches—Peck, Snow & Wilcox Co., Southington, Conn.  
 HERCULES blasting powder, dynamite, blasting machines & supplies—Hercules Powder Co., Wilmington, Del.  
 HERCULES bolt cutting & threading machines, nut tapping machines, bit brace tops—F. E. Wells & Son Co., Greenfield, Mass.  
 HERCULES can openers—Bradley & Farnham, Middlefield, Conn.  
 HERCULES can openers—Ellis Mfg. Co., Milldale, Conn.  
 HERCULES car bumping posts—John M. Scott & Sons, Racine, Wis.  
 HERCULES car jacks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.  
 HERCULES car movers—Marseilles Co., East Moline, Ill.  
 HERCULES casters—O. P. Schriver & Co., 621 E. Pearl, Cincinnati, Ohio  
 HERCULES cement bag cleaning machines—Century Cement Machy. Co., Rochester, N. Y.  
 HERCULES chain—Columbus Chain Co., Columbus, Ohio  
 HERCULES children's vehicles—Kirk-Latty Mfg. Co., Cleveland, Ohio  
 HERCULES closet seats—Becker Mfg. Co., Marietta, Ohio  
 HERCULES concrete building block machinery—Century Cement Machine Co., Rochester, N. Y.  
 HERCULES concrete piles—Underpinning & Foundation Co., 290 Broadway, New York  
 HERCULES corn & cob mills—Wolf & Co., Chambersburg, Pa.  
 HERCULES door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 HERCULES dry batteries—Eastern Carbon Works, 580 Henderson, Jersey City, N. J.  
 HERCULES dry batteries—National Carbon Co., Madison av N. N. & W. 117th, Cleveland, Ohio  
 HERCULES end cutting nippers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 HERCULES extension ladders—Spaulding Mfg. Co., Clinton, Me.  
 HERCULES extension scaffold ladders—Samuel Cupples Woodenware Co., 7th & Spruce, St. Louis, Mo.  
 HERCULES feed grinding mills—C. S. Bell Co., Hillsboro, Ohio  
 HERCULES fence pliers—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.  
 HERCULES fence posts—F. P. Smith Wire & Iron Wks., Lake & Dearborn, Chicago, Ill.  
 HERCULES fire proof columns—Pfaff & Kendall, Foundry, Newark, N. J.  
 HERCULES friction clutch pulleys—Sandy Hill Iron & Brass Works, Hudson Falls, N. Y.  
 HERCULES furnace cements—Cambria Paint & Color Co., Johnstown, Pa.  
 HERCULES hand power punches—H. Weiss & Co., 20 Cliff, New York  
 HERCULES hay carriers—Goshen Mfg. Co., Goshen, Ind.  
 HERCULES hay presses—J. A. Spencer, Dwight, Ill.  
 HERCULES hinges—Cleveland Lock Works, Cleveland, Ohio  
 HERCULES iron bar & rod cutters, wire cutters, bar & plate shears—W. B. & C. F. Tucker, 516 Asylum, Hartford, Conn.  
 HERCULES lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 HERCULES mangles—Atlas Laundry Machinery Co., 6th & Baymiller, Cincinnati, Ohio  
 HERCULES mortar hods—Cleveland Wire Spring Co., Cleveland, Ohio  
 HERCULES packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 HERCULES packing—Quaker City Rubber Co., 629 Market, Phila., Pa.  
 HERCULES packing—Vulcan Asbestos Mfg. Co., Produce Exchange, New York  
 HERCULES packing & hose—Empire Tire & Rubber Corp., East Trenton, N. J.  
 HERCULES paint & white wash spraying machines—Humphries Mfg. Co., Mansfield, Ohio  
 HERCULES plows—Munnsville Plow Co., Munnsville, N. Y.  
 HERCULES post hole diggers—F. E. Kohler Co., Canton, Ohio  
 HERCULES post hole diggers—Seymour Mfg. Co., Seymour, Ind.  
 HERCULES rock crushers—Joshua Hendy Iron Works, 75 Fremont, San Francisco, Cal.

HERCULES roll paper trucks—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 HERCULES roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.  
 HERCULES rubber hose—Thermoid Rubber Co., Trenton, N. J.  
 HERCULES sample cases—Fibre Specialty Mfg. Co., Kennett Square, Pa.  
 HERCULES shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio  
 HERCULES solid weld chains—Columbus Chain Co., Columbus, Ohio  
 HERCULES spark plugs—Eclipse Mfg. Co., Indianapolis, Ind.  
 HERCULES steel shipping barrels—Metal Barrel Co., Galesburg, Ill.  
 HERCULES steel wire—Driver-Harris Wire Co., Harrison, N. J.  
 HERCULES step ladders—Geo. S. Fox, 139 N. 6th, Phila., Pa.  
 HERCULES stump pullers—Hercules Mfg. Co., Centerville, Ia.  
 HERCULES taps, drills & reamers—F. E. Wells & Son Co., Greenfield, Mass.  
 HERCULES tire setters—Lourie Mfg. Co., Springfield, Ill.  
 HERCULES twist drills—Whitman & Barnes Mfg. Co., Akron, Ohio  
 HERCULES traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio  
 HERCULES trucks—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 HERCULES tug hooks—North & Judd Mfg. Co., New Britain, Conn.  
 HERCULES turbine water wheels—Holyoke Machine Co., Worcester, Mass.  
 HERCULES 2 IN 1 belt dressing—Hercules Mfg. Co., 2138 W. Van Buren, Chicago, Ill.  
 HERCULES vises—Bonney Vise & Tool Works, Allentown, Pa.  
 HERCULES water motors—Jno. W. Russell & Sons Co., Springfield, Mass.  
 HERCULES waterproofing materials—Hercules Waterproof Cement Co., Buffalo, N. Y.  
 HERCULES wheelbox presses—Lourie Mfg. Co., Springfield, Ill.  
 HERCULES wire rope & cables—A. Leschen & Sons Rope Co., 920 N. 1st, St. Louis, Mo.  
 HERCULES wire stapling machinery—A. Allen & Co., 200 Carpenter, Phila., Pa.  
 HERCULES EXTRA L. F. powder—Hercules Powder Co., Wilmington, Del.  
 HERCULES GELATIN L. F. powder—Hercules Powder Co., Wilmington, Del.  
 HERCULES L. F. powder—Hercules Powder Co., Wilmington, Del.  
 HERKEN friction clutch pulleys—Minster Machine Co., Minster, Ohio  
 HER-K-ULES grab hooks—J. D. Street & Co., 809 N. 2nd, St. Louis, Mo.  
 HERMAN foundry molding machines—Herman Pneumatic Machine Co., Zelienople, Pa.  
 HERMETIC hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.  
 HERM-I-SEAL roofing paints—Federal Process Co., Cleveland, Ohio  
 HERO apple grating machines—Klotz Machine Co., Sandusky, Ohio  
 HERO churns—American Wooden Ware Mfg. Co., Toledo, Ohio  
 HERO clothes washing machines—Buckeye Churn Co., Sidney, Ohio  
 HERO combination pliers & nippers, gas pliers—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.  
 HERO corn cleaners, grain graders—Twin City Separator Co., Minneapolis, Minn.  
 HERO corn shellers—Mountville Mfg. Co., Mountville, Pa.  
 HERO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 HERO drag sawing machines & feed grinding mills—Appleton Mfg. Co., Batavia, Ill.  
 HERO hot air furnaces—Graff Furnace Co., 105 W. 29th, New York  
 HERO kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 HERO lawn sprinklers, engine & machine oilers, aluminum drinking cups—Hero Mfg. Co., Gaul & Adams, Phila., Pa.  
 HERO rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.  
 HERO waterproof belting—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.  
 HERON tips—Heron Mfg. Co., Utica, N. Y.  
 HERRESHOFF smelting furnaces—Nichols Copper Co., 25 Broad, New York  
 HERRINGBONE expanded metal lath—General Fireproofing Co., Youngstown, Ohio



- HERRINGBONE galvanized wall ties—Merwin Mfg. Co., Erie, Pa.
- HERSCHEL lawn mowers & sickle grinders—R. Herschel Mfg. Co., Peoria, Ill.
- HERSHLER faultless ball cocks—Schid Specialty Co., Cleveland, Ohio
- HERZ magneto igniters—Herz & Co., 245 W. 55th, New York
- HESS hot air furnaces, metallic lockers—Hess Warming & Ventilating Co., 1211 S. Western av, Chicago, Ill.
- HESS iron flumes—Hess Flume Co., Denver, Colo.
- HESS water closets—Chas. Hess Co., 96 Wall, New York
- HESS-BRIGHT ball bearings—Hess-Bright Mfg. Co., Front & Erie av, Phila., Pa.
- HESSLER rural mail boxes—H. E. Hessler Co., Syracuse, N. Y.
- HESTERBERG blow-off valves—Queen City Brass & Iron Works, Cincinnati, Ohio
- HESTON blow-off valves—Kennedy-Stroh Corp'n, Pittsburgh, Pa.
- HETRICK'S belting—Hettrick Bros. Co., Toledo, Ohio
- HEVEA sheet packing—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
- HEWITT motor fire engines—International Motor Co., 64th & West End av, New York
- HEWLETT core making machines—Wm. Demmler & Bros., Kewanee, Ill.
- HEX adjustable wrenches—Walworth Mfg. Co., 798 1st, Boston, Mass.
- HEX dashboard clocks—A. N. Clark & Son, Plainville, Conn.
- HEX padlock locks—W. S. Locke & Hardware Co., Columbia, Pa.
- HEXAGON electric heaters & ovens—Schoar & Co., 1025 S. State, Chicago, Ill.
- HEXAGON pipe joint compounds—Chester Graphite Co., Chester Springs, Pa.
- H-I electric cable hangers—H. P. Copeland, 30 Church, New York
- HI-ART sheet steel ceilings—W. F. Norman Sheet Metal Mfg. Co., Nevada, Mo.
- HIAWATHA guy anchors—Hiawatha Anchor Co., Hiawatha, Kan.
- HIBBS assayers' furnaces—J. & H. Berge, 95 John, New York
- HI-CARBON case hardening compounds—Bell & Gossett, Archer av & Mary, Chicago, Ill.
- HICK rip saw machines—Woods Engineering Co., Alliance, Ohio
- HICKEY conduit benders—Thomas & Betts Co., 105 Hudson, New York
- HICKORY children's vehicles—Martin & Heagy Mfg. Co., Elizabethtown, Pa.
- HICKORY equalizers—Fort Smith Rim & Bow Co., Ft. Smith, Ark.
- HICKORY farm wagons—Hackney Wagon Co., Wilson, N. C.
- HICKORY iron bound sewer mauls—Carl Stossell & Co., Front Royal, Vt.
- HICKORY NUT carriage wheels—Crane & MacMahon, 10 Bridge, New York
- HICKS belt fasteners—E. Jencks Mfg. Co., Worcester, Mass.
- HI-COMP piston rings—Continental Piston Ring Co., Memphis, Tenn.
- HIDE roll feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- HIGBIE oat cleaners—F. P. Smith Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
- HIGGIN carriage fasteners—Higgin Mfg. Co., Newport, Kv.
- HIGGINS flue stops—Andrews Wire & Iron Works, Rockford, Ill.
- HIGGINS picks—John C. Higgins, 812 W. Kinzie, Chicago, Ill.
- HIGGINSON white cements & prepared mortar—Higginson Mfg. Co., Newburgh, N. Y.
- HIGH GRADE dry batteries—Eastern Carbon Works, 580 Henderson, Jersey City, N. J.
- HIGH Grade electric motor & dynamos—Eck Dynamo & Motor Co., Belleville, N. J.
- HIGH GRADE green soap—Columbus Chemical Co., 31 W. Lake, Chicago, Ill.
- HIGH GRADE leather packing—Michigan Leather Packing Co., Detroit, Mich.
- HIGH GRIP animal traps—Triumph Trap Co., Inc., Oneida, N. Y.
- HIGHLAND cast iron pipe coatings—Highland Chemical Products Co., Connellsville, Pa.
- HIGHLAND lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
- HIGHLAND stoves—Highland Foundry Co., 1341 Columbus av, Boston, Mass.
- HIGH LIFT feed carriers—Louden Machinery Co., Fairfield, Ia.
- HIGH LOW JACK screws—West Haven Mfg. Co., West Haven, Conn.
- HIGH PRESSURE tire cements—National cement & Rubber Co., Toledo, Ohio
- HIGH SHINE metal polish—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
- HIGH SPEED lawn mowers—Dille & McGuire Co., Richmond, Ind.
- HIGH SPEED rivet spinning machines—Chas. Stecher Co., 1580 Crossing, Chicago, Ill.
- HIGH TEST rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.
- HIGHTON hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
- HIGRADE rubber bottles—Tyler Rubber Co., Andover, Mass.
- HIGRADE steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th
- HI-HEAT packing—Revere Rubber Co., Chelsea, Mass.
- HILDEBRANDT fishing tackle—John J. Hildebrandt Co., Logansport, Ind.
- HILKER self-wringing mops, shoe cleaners, floor oils—Edw. Hilker Mop Co., 2614 W. Grand av, Chicago, Ill.
- HILL automobile seats, wind shields—Hill Mfg. Co., 23 Fuller, Buffalo, N. Y.
- HILL calf weaners, corn huskers, hog rings, hog tongs—Decatur Novelty Works, Decatur, Ill.
- HILL cinder grinders—Eastern Machinery Co., New Haven, Conn.
- HILL clothes dryers—Hill Dryer Co., Worcester, Mass.
- HILL cold-saw cutting-off machines, boring tools, key seating tools, lathe tools, vises—Union Tool Co., Orange, Mass.
- HILL collar oiling bearings—Hill Clutch Co., W. 58th & L. S. & M. S. Ry., Cleveland, Ohio
- HILL crank turning device—Hill-Standard Mfg. Co., Anderson, Ind.
- HILL diagonal paper cutting machines—Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
- HILL friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.
- HILL hog ringers—F. P. Smith & Co., Sharon Hill, Pa.
- HILL hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- HILL lathe dogs—Ready Tool Co., Bridgeport, Conn.
- HILL pump valves & safety gauge glasses—Hill Pump Valve Co., Archer av, Canal & 23rd, Chicago, Ill.
- HILL sickle grinders—Western Implement Co., Port Washington, Wis.
- HILL thread cutting tools—Van Doren Mfg. Co., Chicago Heights, Ill.
- HILL tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
- HILL FOR DRILL PRESS drilling vises—Union Tool Co., Orange, Mass.
- HILL HIGH SPEED cutting off tools—Union Tool Co., Orange, Mass.
- HILLIARD friction clutches—Hilliard Clutch & Machinery Co., Elmira, N. Y.
- HILLMAN automobile wind shields—Hillman Auto Supply Co., 98 Massachusetts av, Boston, Mass.
- HILLOW draughting tables—F. O. Weydell, 224 S. Jefferson, Chicago, Ill.
- HILL I. X. X. X. roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
- HILLS anvils—Millers Falls Co., 28 Warren, New York
- HILLS hog ringers—Decker Mfg. Co., Keokuk, Iowa.
- HILLS inside folding blinds—Union Blind & Ladder Co., Oakland, Cal.
- HILLS log turners—Phoenix Mfg. Co., Eau Claire, Wis.
- HILLS pipe threading dies—Walworth Mfg. Co., Boston, Mass.
- HI-LO automobile horns—Premier Electric Co., Chicago, Ill.
- HI-LO disc harrows—Ohio Cultivator Co., Bellevue, Ohio
- HILO paint & varnish remover—Moller & Schumann Co., Marcy av, Brooklyn, N. Y.
- HILSBOROUGH calcined plaster—J. B. King & Co., 17 State, New York
- HILTON carpet beaters—Fernald Mfg. Co., North East, Pa.
- HILTS adjustable chain wrenches—Hilts Wrench & Mfg. Co., Richford, N. Y.
- HINDLEY gears & screw—Hindley Gear Co., 1005 Frankford av, Phila., Pa.
- HINDLEY worm gears—Albro-Clem Elevator Co., Phila., Pa.
- HINDLEY worm gears—Boston Gear Works, Norfolk Downs, Quincy, Mass.
- HINDOSTAN oil & water stones—Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.



HINE'S eliminators, steam separators, oil extractors—Jas. L. Robertson & Sons, 78 Murray, New York

HINGE-STAY-ON door hangers—G. A. Swineford Co., Canton, Ohio

HINMAN bench shears—D. A. Hinman & Co., Sandwich, Ill.

HINMAN iron flumes—Vulcan Sheet Metal Co., Denver, Colo.

HINMAN station meters—D. McDonald & Co., Albany, N. Y.

HINMAN station meters—Nathaniel Tufts, Meter Co., 455 Commercial, Boston, Mass.

HINSDALE screw drivers, screw driver bits—C. E. Jennings & Co., 71 Murray, New York

HINSON automobile belts—C. & B. Hinson Co., 1511 Chase, Cincinnati, Ohio

HINSON car brakes, car couplers, draft gear, emergency steel knuckles—National Car Coupler Co., 332 S. Michigan av, Chicago, Ill.

HI-PO dry batteries—Lincoln Electric Co., 149 Broadway, New York

HIPPO belting—J. Bachmann & Co., 16 Reade, New York

HIPPO belting, belt cements—Reed & Duecker, Memphis, Tenn.

HIPPO paints & waterproofing material—American Chemical & Mfg. Co., Norfolk, Va.

HIRAM cultivators—Rockford Mfg. Co., Rockford, Ill.

HIRED HAND gasoline engines—Associated Mfrs. Co., Waterloo, Iowa

HIRED MAN gasoline engines—Associated Mfrs. Co., Waterloo, Iowa

HIRSCH miners' lamps—Hirsch Electric Mine Lamp Co., 227 N. 23rd, Phila., Pa.

HIRSCH root cutters—Hirsch Bros., Milwaukee, Wis.

HIRTH minimeters—Norma Co. of America, 1790 Broadway, New York

HISEY electric drills & grinders—Hisey-Wolf Machine Co., Cincinnati, Ohio

HI-SPE bronze metal bearings—Star Brass Works, Kansas City, Mo.

HIST'S potato diggers—Akron Cultivator Co., Akron, Ohio

HI-STEAM packing—Steel Mill Packing Co., 42 Larned av, Detroit, Mich.

HITCHCOCK potato diggers—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.

HI-TEST rubber gloves—Faultless Rubber Co., Ashland, Ohio

HI-UP dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York

HIVOL insulator pins—W. R. Garton Co., 17 S. Desplaines, Chicago, Ill.

HJORTH marking machines—Hjorth Lathe & Tool Co., 101 Tremont, Boston, Mass.

HOADLEY snow shovels—B. W. Aldrich & Co., Wallingford, Vt.

HOAG dusters & dust chains—Hoag Duster Co., Monticello, Ia.

HOBART electric & gasoline coffee mills—Hobart Mfg. Co., Troy, Ohio

HOBO riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio

HOBO storage batteries—Hoosier Storage Battery Co., Evansville, Ind.

HOCKEY ice skates—Nestor Johnson, 1237 N. California av, Chicago, Ill.

HOCKING Valley feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio

HODGES loose pulley oilers—McNab & Harlin Mfg. Co., 55 John, New York

HODGES & CRAVERS grain headers—Acme Harvesting Machine Co., Peoria, Ill.

HODGMAN carriage robes—Hodgman Rubber Co., 8 W. 40th, New York

HOEFER bench drilling machines—Hoefer Mfg. Co., Freeport, Ill.

HOEGGER'S SURELOCK chain door fasteners—B. B. Neal Hardware Co., 117 Leonard, New York

HOENSCH spectroscopes & polariscopes—Eimer & Amend, 205 3rd av, New York

HOERL friction clutches—Newark Gas Engine Co., 479 Canal, New York

HOERLEIN bakers' gas stoves—F. G. Hoerlein, 200 Nostrand av, Brooklyn, N. Y.

HOERR car doors & fittings, draft gear, fish hook plates—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.

HOEVEL sand blast machines—Hoevel Mfg. Corp., 50 Church, New York

HOFECKER tachometers & electric clocks—Hofecker Co., 222 Elliot, Boston, Mass.

HOFFMAN air valves—Hoffman Specialty Co., 106 High, Boston, Mass.

HOFFMAN back pressure valves & steam traps—B. Hoffmann Mfg. Co., Milwaukee, Wis.

HOFFMAN clothes pressing machines—U. S. Hoffman Co., Syracuse, N. Y.

HOFFMAN thermostat valves & automatic heaters—Hoffman Heater Co., Lorain, Ohio

HOGGSON time stamps—S. H. Hoggson & Co., 17 Thames, New York

HOHMANN-TYPE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.

HOHNER harmonicas—M. Hohner, 114 E. 16th, New York

HOJOCA water closets—Haines, Jones & Cadbury Co., 1140 Ridge av, Phila., Pa.

HOKE traction engines—Hoke Tractor Co., South Bend, Ind.

HOLCKER-ELBERG automobile wind shields—Holcker-Elberg Mfg. Co., Kansas City, Mo.

HOLD-EM rat traps—Worcester Novelty & Wire Co., Canton, Ohio

HOLDEN coal & gas heaters—Knight & Jillson Co., Indianapolis, Ind.

HOLDFAST carpet beaters—Steinfeld Bros., 116 W. 32nd, New York

HOLDFAST clothes line hooks—Tie Co., Unadilla, N. Y.

HOLD FAST clothes pins—Demeritt Co., Waterbury, Vt.

HOLDFAST hame fasteners & harness snaps—Covert Mfg. Co., Troy, N. Y.

HOLDFAST hedge shears—Jos. F. McCoy Co., 157 Chambers, New York

HOLDFAST lamp guards—Doubleday-Hill Electric Co., Pittsburgh, Pa.

HOLDFAST lamp guards—W. N. Matthews & Bro., 3722 Forest Park blvd., St. Louis, Mo.

HOLDFAST match safes—Hess & Son, Phila., Pa.

HOLDFAST mouse & rat traps—Oneida Community, Ltd., Oneida, N. Y.

HOLDFAST paste—National Insulating & Mfg. Co., Indianapolis, Ind.

HOLD FAST tap wrenches—West Haven Mfg. Co., West Haven, Conn.

HOLDFAST tire fluid—Buffalo Specialty Co., 375 Elliott, Buffalo, N. Y.

HOLDFAST window casement adjusters—Casement Hardware Co., 9 S. Clinton, Chicago, Ill.

HOLD TIGHT iron & steel filler cements—Turner, J. S., Mfg. Co., Lowell, Mass.

HOLETITE spiral packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.

HOL-KEN switch boxes—Geo. H. Rice Co., 481 Sterling pl, Brooklyn, N. Y.

HOLLAND draft springs—D. F. Tanner, Holland, N. Y.

HOLLAND flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.

HOLLAND hot water heaters—American Radiator Co., 830 S. Michigan av, Chicago, Ill.

HOLLAND sleet cutters—Holland Trolley Supply Co., Cleveland, Ohio

HOLLANDS vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.

HOLLERITH tabulating machines—Tabulating Machine Co., 1054 31st, Washington, D. C.

HOLLERY carbureters—Holley Bros. Co., Detroit, Mich.

HOLLIDAY reversing marine gears—Kuehl Bros., 1818 Milwaukee av, Chicago, Ill.

HOLLINGSHEAD lubricating oils & greases, carriage top dressing, patent leather enamels, oil soap—R. M. Hollingshead Co., Camden, N. J.

HOLLO WEIS steel window frame—Henry Weis Cornice Co., Kansas City, Mo.

HOLLOW CABLE lightning rods—Hollow Cable Mfg. Co., Hornell, N. Y.

HOLLY farm wagons—Patterson Mfg. Co., Holly, Mich.

HOLLY steam meters & steam traps—American District Steam Co., North Tonawanda, N. Y.

HOLLY wire glass, glass floor plate—Western Glass Co., Streator, Ill.

HOLLYWOOD blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.

HOLM tapping attachments—Whitney Mfg. Co., Hartford, Conn.

HOLMAN locomotive coaling stations—Roberts & Schaefer Co., McCormick bldg., Chicago, Ill.

HOLMAN pneumatic rock drills—Mine & Smelter Supply Co., 42 Broadway, New York

HOLMES bung boring machines—E. & B. Holmes Machinery Co., Buffalo, N. Y.

HOLMES little giant tractors—Holmes Tractor Co., Port Clinton, Ohio

HOLMES mine hoists—Robt. Holmes & Bros., Danville, Ill.



- HOLOPHANE globes & reflectors—Nellte Works, Cleveland, Ohio
- HOLOSHADE standard sockets—H. T. Paiste Co., 32nd & Arch, Phila., Pa.
- HOLT engine starters—Holt Electric Co., 379 S. Pierce, Milwaukee, Wis.
- HOLT farm boilers—Holt Mfg. Co., Stockton, Cal.
- HOLT pattern saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.
- HOLT saw sets—G. L. Holt Co., Hartford, Conn.
- HOLT suction strainers—Rosedale Foundry & Machine Co., N. S., Pittsburgh, Pa.
- HOLTON cutting-off machines—Etna Machine Co., Jackson, Mich.
- HOLTS lightning hay knives—Dunn Edge Tool Co., Oakland, Me.
- HOLTS IMPROVED DOVER egg & cream beaters—Holt-Lyon Co., Tarrytown, N. Y.
- HOLTZ blind tenons—E. P. Gleason Mfg. Co., 37 Murray, New York
- HOLYOKE fire hydrants—Norwood Engineering Co., Florence, Mass.
- HOME carpet sweepers—Santo Vacuum Cleaner Co., 820 6th av, New York
- HOME cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
- HOME glue pots—Reading Saddle & Mfg. Co., Reading, Pa.
- HOME—medical batteries—Manhattan Electrical Supply Co., 17 Park pl, New York
- HOME mops—C. H. Ellert, Evansville, Ind.
- HOME nut crackers & picks—Schroeter Bros. Hdw. Co., 719 Washington av, St. Louis, Mo.
- HOME COMFORT lawn swings—H. C. Canfield, Batesville, Ind.
- HOME GUARD fire extinguishers—Knight & Thomas (Inc.), 212 Summer, Boston, Mass.
- HOME-KISSED curtain stretchers, ironing boards—Holmquist & Co., W. 35th & S. Maplewood av, Chicago, Ill.
- HOME VICTOR water heaters—S. V. Reeves, 45 N. 2d, Phila., Pa.
- HOMESTEAD lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.
- HOMESTEAD locking cocks—Homestead Valve Mfg. Co., Pittsburgh, Pa.
- HOMESTEAD natural gas burners—Lawson Mfg. Co., Homestead, Pa.
- HOMOGEN case hardening compounds—Case Hardening Service Co., 1410 W. 10th, Cleveland, Ohio
- HONEST JOHN neck yokes & neck yoke centers—Racine General Mfg. Co., Racine, Wis.
- HONEST JOHN packing—Peerless Rubber Mfg. Co., 31 Warren, New York
- HONET STAHL envelope moisteners—Weeks, Merman Co., 81 Fulton, New York
- HONEYCOMB mitre boxes—Rockford Mitre Box Co., Rockford, Ill.
- HONEYCOMB water cooling radiators—Detroit Auto Specialty Co., 909 Greenwood av, Detroit, Mich.
- HONEYCOMB water cooling radiators—Feddars Mfg. Co., Buffalo, N. Y.
- HONEYWELL damper regulators & hot water radiator valves—Honeywell Heating Specialty Co., Wabash, Ind.
- HONTOS belting—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio
- HOOD stove pipe dampers—Hood Furnace & Supply Co., Corning, N. Y.
- HOO-HOO babbit metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
- HOO-HOO saw guides—Reed Hardware & Mfg. Co., Cairo, Ill.
- HOOKE air compressors & pumps—Reliance Machine & Tool Works, Channing & Franklin av, St. Louis, Mo.
- HOOKE fire hydrants—McKim Foundry & Machine Co., Lockport, N. Y.
- HOOPER rural mail boxes—Jno. F. Heine & Son, Hooper, Neb.
- HOOPES bridges—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
- HOOSIC corn poppers—Chas. M. Dorr Co., Hoosick Falls, N. Y.
- HOOSIER calf weaners—Carroll Muzzle Co., Carroll, Ia.
- HOOSIER concrete molds—Ball & Brookshire, Throntown, Ind.
- HOOSIER corn planters—International Harvester Company of America (Inc.), 702 Harvester bldg., Chicago, Ill.
- HOOSIER disc furrowing attachments—American Seeding Machine Co., Richmond, Ind.
- HOOSIER kitchen cabinets—Hoosier Mfg. Co., New Castle, Ind.
- HOOSIER lawn sprinklers—Elkhart Brass Mfg. Co., Elkhart, Ind.
- HOOSIER saw bucks—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- HOOSIER steam engine governors & rip saw machines—Sinker-Davis Co., Indianapolis, Ind.
- HOOSIER tractors—Leo. Rumely Tractor Co., La Porte, Ind.
- HOOSIER vacuum cleaners & carpet sweepers—Peoria Can Co., Peoria, Ill.
- HOOSIER wagon skeins—American Skein & Foundry Co., Racine, Wis.
- HOOVER potato diggers—Hoover Mfg. Co., Avery, Ohio
- HOOVER vacuum carpet sweepers—Hoover Suction Sweeper Co., New Berlin, Ohio
- HOOVER PERFECT automobile springs—Hoover Spring Co., 617 Turk, San Francisco, Cal.
- HOOZIER calf weaners—Barbee Wire & Iron Works, 170 N. Dearborn, Chicago, Ill.
- HOPACO packing—Hollow Center Packing Co., 608 S. Dearborn, Chicago, Ill.
- HOPEDALE warpers—Draper Corp., Hopedale, Mass.
- HOPKINS hydrant wrenches—Chas. E. Berry, Somerville, Mass.
- HOPKINS typewriters—Moon-Hopkins Billing Machine Co., 2235 O'Fallon, St. Louis, Mo.
- HOPKINS wrapping paper—New York Roll Wrapping Paper Co., 84 Beekman, New York
- HOPPEN grindstone boxes & frames & grindstone truing device—J. E. Hoppen & Sons, Belleville, N. J.
- HOPPER can openers—Wrightsville Hardware Co., Wrightsville, Pa.
- HOP RIVER chair seats—National Seat & Novelty Mfg. Co., Hop River, Conn.
- HOPSON steam & hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
- HOP TOAD hose—Empire Tire & Rubber Corp., East Trenton, N. J.
- HORNBO surgical elastic hosiery—W. H. Horn & Bro., 431 N. 3rd, Phila., Pa.
- HORNSBURG hot air furnaces—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
- HORNSBY-AKROYD oil engines—De La Vergne Machine Co., ft. E. 138th, New York
- HORROCK winders—F. A. & P. Hall, Lawrence, Mass.
- HORSCHITZ slip meters—James G. Biddle, 1211 Arch, Phila., Pa.
- HORSEHEAD spelter—New Jersey Zinc Co., 55 Wall, New York
- HORSELINE lubricating oils & greases—R. J. Kanter Co., 647 Water, New York
- HORSESHOER anvils—Fisher & Norris, Trenton, N. J.
- HORSESHOE magnet tack hammers—Arthur R. Robertson, 144 Oliver, Boston, Mass.
- HORSESHOE cement—Louisville Cement Co., Louisville, Ky.
- HORSFIELD tap wrenches—S. W. Card Mfg. Co., Mansfield, Mass.
- HORSLEY flanged boiler nozzles—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
- HORTON drill chucks—E. Horton & Son Co., Windsor Locks, Conn.
- HORTON washing machines—Horton Mfg. Co., Fort Wayne, Ind.
- HOSHOR'S gravity conveyors—Conveying Machinery Co., 50 Church, New York
- HOSKINS electric furnaces—Hoskins Mfg. Co., Detroit, Mich.
- HOSPITAL absorbent cotton—Maplewood Mills, Fall River, Mass.
- HOSPITAL plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.
- HOT blast blow torches—Turner Brass Works, Sycamore, Ill.
- HOTAKOLD vacuum bottles—Vacuum Specialty Co., 200 5th av, New York
- HOTCHKISS boiler flue & tube cleaners—Leonard & McCoy, 161 Washington, New York
- HOTCHKISS curb forms—Hotchkiss Metal Form Co., Binghamton, N. Y.
- HOT HOUSE hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- HOT POINT electric sad irons—Hotpoint Electric Heating Co., Ontario, Cal.
- HOT SHOT spark plugs—K-W Ignition Co., Cleveland, Ohio
- HOT STUFF lubricators—Michigan Lubricator Co., Detroit, Mich.
- HOT STUFF tank heaters—Butler Co., Butler, Ind.
- HOTTENTOT gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
- HOUCHIN'S alcohol stoves, gas lighters, faucet filters, insect guns—Thos. W. Houchin Co., 38 E. 21st, New York
- HOUGHTALING reducing motions—Ashcroft Mfg. Co., 119 W. 40th, New York



HOUGHTOLARD cutting oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.  
 HOUGHTON oil filters, case hardening compounds, disinfectants—E. F. Houghton & Co., 240 Somerset, Phila., Pa.  
 HOUSATONIC bond paper—B. D. Rising Paper Co., Housatonic, Mass.  
 HOUSE cold tire setters—House Cold Tire Setter Co., 220 S. 3rd, St. Louis, Mo.  
 HOUSEHOLD gas ranges—White-Warner Co., Taunton, Mass.  
 HOUSEHOLD rat traps—Lovell Mfg. Co., Erie, Pa.  
 HOUSON lock deck plates—Wilcox, Crittenden & Co., Middletown, Conn.  
 HOUSTON locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.  
 HOUSTON vacuum cleaners—American Radiator Co., 820 Michigan av, Chicago, Ill.  
 HOUTS axle grease & soap powders—Cortland Specialty Co., Cortland, N. Y.  
 HOVELAND tile ditching machines—St. Paul Machinery Mfg. Co., St. Paul, Minn.  
 HOVEYS calcined plasters—Grand Rapids Plaster Co., Grand Rapids, Mich.  
 HOVEYS EAGLE calcined plaster—Grand Rapids Plaster Co., Grand Rapids, Mich.  
 HOWARD brake jaws—U. S. Metal & Mfg. Co., 165 Broadway, New York  
 HOWARD damper regulators—Howard Thermostat Department of Steam Carriage Boiler Co., Oswego, N. Y.  
 HOWARD dusters, floor brushes & dust cloths—Howard Dustless Duster Co., 263 Franklin, Boston, Mass.  
 HOWARD electric watchman clocks—E. Howard Clock Co., Bramfield & Washington, Boston, Mass.  
 HOWARD hot air furnaces—International Heater Co., Utica, N. Y.  
 HOWARD self-oiling hangers—Olney & Warrin, 406 Broome, New York  
 HOWARDS asphalt roofing & sheet roofing fasteners—Usona Mfg. Co., Aurora, Ill.  
 HOWARDS benzoic acid & caffeine—National Aniline & Chemical Co., 109 William, New York.  
 HOWARDS swinging hose reels—H. J. M. Howard Mfg. Co., 150 Pierce, N. W., Washington, D. C.  
 HOWARTH sash centers—Michigan Engine Valve Co., 115 Columbia av, Detroit, Mich.  
 HOWDY DO electric bells—Darche Mfg. Co., 15 N. Jefferson, Chicago, Ill.  
 HOWE bull chains—Link-Belt Co., 39th & Stewart av, Chicago, Ill., & Hunting Park av, & P. & R. R. Ry., Phila., Pa.  
 HOWE comealongs, jack-straps—Dicke Tool Co., Downers Grove, Ill.  
 HOWE—low phosphorus melting bars—Samuel Frank, 1502 Market, Philadelphia, Pa.  
 HOWELL lath mills & bolters—R. R. Howell & Co., Minneapolis, Minn.  
 HOWELL'S NO. 50 emulsion oils—Jamaica Dyewood & Chemical Co., 50 Church, New York  
 HOWES fishing bait—Vacuum Bait Co., North Manchester, Ind.  
 HOWES ranges—S. M. Howes Co., 40 Union, Boston, Mass.  
 HOWLAND oil cans & pump & valve oilers—Maple City Mfg. Co., Monmouth, Ill.  
 HOWLAND steam traps—Oliver & Howland Co., Springfield, Mass.  
 HOY potato diggers—Ireland & Helfrich, Spencerport, N. Y.  
 HOYT gauge cocks—Rich Mfg. Co., 370 Atlantic av, Boston, Mass.  
 HOYT belting & belt cements—E. R. Ladew Co., 54 Franklin, New York  
 HOYT'S clothes pins—J. R. Clark & Co., Minneapolis, Minn.  
 HOYT'S cold water paste—Arthur S. Hoyt Co., 90 W. Broadway, New York  
 HOYTT gauge cocks—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.  
 HUB Christmas tree holders—John Donnelly, Branford, Conn.  
 HUB faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.  
 HUB fountain pen—Davidson Rubber Co., Boston, Mass.  
 HUB friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.  
 HUB plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.  
 HUB GORE elastic shoe goring—Hub Gore Makers, 179 Lincoln, Boston, Mass.  
 HUB key-seating machines—Armstrong Mfg. Co., Waterloo, Ia.  
 HUB mill baskets, sample cases, store trucks—Josiah Cummings & Sons, 657 Atlantic av, Boston, Mass.

HUB never drip strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 HUB packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.  
 HUB ranges & steam & hot water heaters—Smith & Anthony Co., 52 Union, Boston, Mass.  
 HUB step ladders—Reiley Bros. Ladder Co., 324 W. 41st, New York  
 HUB switch stands—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 HUB water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.  
 HUBBARD axes—American Axe & Tool Co., Glassport, Pa.  
 HUBBARD chain pull sockets—Harvey Hubbell (Inc.), Bridgeport, Conn.  
 HUBBARD door bumpers, coat hooks, door & window bolts, harness snaps, paper school rulers, picture hooks, steel butt hinges, tack claws & pullers—Lumely & Denly Co., Ashtabula, Ohio  
 HUBBARD shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 HUBBARD'S road planers—Puffer-Hubbard Mfg. Co., Minneapolis, Minn.  
 HUBBELL electric lamp flashlights & electric safety lamps—Portable Electric Safety Light Co., 10 Johnson, Newark, N. J.  
 HUBBELL riveting machines—Bilton Machine Tool Co., Bridgeport, Conn.  
 HUBBELL shade holders—Harvey Hubbell (Inc.), Bridgeport, Conn.  
 HUB-DOME electric bells—Holtzer-Cabot Electric Co., Brookline, Mass.  
 HUBER asbestos table padding—Asbestos Fibre Spinning Co., North Wales, Pa.  
 HUBER night latches—Huber Mfg. Co., 417 E. 93d, New York  
 HUBER LIGHT 4 traction & gasoline engines—Huber Mfg. Co., Marion, Ohio  
 HUBLER DAYTON storage batteries—Dayton Electrical Mfg. Co., Dayton, Ohio  
 HUDFORD truck units—Commercial Car Unit Co., 16th & Glenwood, Phila., Pa.  
 HUDSON asphalt felts & slate surface shingles—Asphalt Ready Roofing Co., 9 Church, New York  
 HUDSON belting—Mercer Rubber Co., Hamilton, N. J.  
 HUDSON bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio  
 HUDSON exhaust heads—Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 HUDSON hose menders—Hudson Hose Mender Co., Melrose, Mass.  
 HUDSON reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York  
 HUDSON steam & hot water heaters—Hudson Boiler Mfg. Co., 33 W. 42nd, New York  
 HUDSON waste baling presses—Hazen Mfg. Co., Hudson, Mich.  
 HUDSON water heaters—Abendroth Bros., Port Chester, N. Y.  
 HUDSONIL packing gaskets—Danubil Co., Postal Telegraph Bldg., New York  
 HUDSON RIVER garden barrows—McWhinnie, Thos., Poughkeepsie, N. Y.  
 HUDSON'S fry pans—Northwestern Stamping Co., Burlington, Ia.  
 HUFF ore concentrators & separators—Huff Electrostatic Separator Co., 60 India, Boston, Mass.  
 HUFFER spring hinges—N. R. Streeter & Co., Rochester, N. Y.  
 HUGHES electric cooking apparatus & electric ranges—Hughes Electric Heating Co., 5660 W. Taylor, Chicago, Ill.  
 HUGHES gas producers—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 HUGHES universal electric arc lamps—Hughes Universal Arc Lamp Co., 628 Race, Phila., Pa.  
 HUGHLETT can lacquering machines—Seeley Bros., Blaine, Wash.  
 HUGHSON pump governors—Illinois Engineering Co., 502 S. State, Chicago, Ill.  
 HUG-IT belt dressing—Hinds & Coon, 126 Pearl, Boston, Mass.  
 HUGO steel clamps—Norfolk Mfg. Co., Norfolk, Conn.  
 HUG-TIGHT belt dressing—Codd Tank & Specialty Co., Bolt, Md.  
 HUGTITE lock-nuts & washers—United Nut Lock Co., Springfield, Mass.  
 HULETT coal & ore handling machinery—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 HUMANE horse cleaners—Harsh-Miller Mfg. Co., Wabash, Ind.  
 HUMANE horse collars—Powers Mfg. Co., Waterloo, Iowa  
 HUMANIC currycombs—F. E. Kohler Co., Canton, Ohio



- HUME JUNIOR traction engines—Hume Mfg. Co., Hume, Ill.  
 HUMIDOUS cigar humidifiers—Hawthorne Mfg. Co., Bridgeport, Conn.  
 HUMIGARS cigar humidifiers—Bishop-Babcock-Becker Co., Cleveland, Ohio  
 HUMMER barn door hangers—Lawrence Bros., Sterling, Ill.  
 HUMMER cultivators & plows—Racine-Sattley Co., Springfield, Ill.  
 HUMMING BIRD kitchen sets—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 HUMP fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.  
 HUMPHREY crushing rolls—Colorado Iron Works Co., Denver, Colo.  
 HUMPHREY gas arc lamps & incandescent gas mantles—General Gas Mantle Co., Camden, N. J.  
 HUMPHREY wire & drawing machines & root cutters—Humphrey & Sons, Joliet, Ill.  
 HUNGERFORD water filters—Hungerford & Terry (Inc.), Penna. bldg., Phila., Pa.  
 HUNT axes—American Axe & Tool Co., Glassport, Pa.  
 HUNT cars, conveyors, switches, turntables, storage battery trucks—C. W. Hunt Co., Inc., West New Brighton, Staten Island, N. Y.  
 HUNT push pins—Roeti-Hunt Corp., Putnam, Conn.  
 HUNT transformer, oil dryer & purifier & transformer oils—Edward J. Hunt, 707 Ordway bldg., Newark, N. J.  
 HUNTER currycombs—Wisconsin Metal Products Co., Racine, Wis.  
 HUNTER'S carbureters—Vincennes Motor Mfg. Co., Vincennes, Ind.  
 HUNTER'S flour sieves—Fred. J. Meyers Mfg. Co., Hamilton, Ohio  
 HUNTER'S steam & hot water heaters—Jas. Hunter, Albany, N. Y.  
 HUNTINGBURG farm wagons—Huntingburg Wagon Works, Huntingburg, Ind.  
 HUNTINGTON emery wheel dressers—Burgess-Norton Mfg. Co., Geneva, Ill.  
 HUNTINGTON emery wheel dressers—Chicago Wheel & Mfg. Co., 1101 Monroe, Chicago, Ill.  
 HUNTINGTON emery wheel dressers—Curtin-Herbert Co., Gloversville, N. Y.  
 HUNTINGTON emery wheel dressers—Desmond-Stephen Mfg. Co., Urbana, Ohio  
 HUNTINGTON emery wheel dressers—North Wales Machine Co., North Wales, Pa.  
 HUNTINGTON emery wheel dressers—Peninsular Emery Wheel Co., Detroit, Mich.  
 HUNTINGTON emery wheel dressers—Warren Axe & Tool Co., Warren, Pa.  
 HUNTINGTON emery wheel dressers—William Williams, Jr., New Britain, Conn.  
 HUNTINGTON track gauges—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 HUNTINGTON track gauges—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.  
 HUNTINGTON track gauges—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.  
 HUNT-McCORMICK turbine water wheels—Rodney Hunt Machine Co., Orange, Mass.  
 HUNTON brake beams—Joliet Railway Supply Co., Joliet, Ill.  
 HUNTOON bridle bits—Upton & Gilman Machine Co., Lowell, Mass.  
 HUNT-SPILLER gun metal castings—Hunt-Spiller Mfg. Corp., 383 Dorchester av, Boston, Mass.  
 HURD axes—American Axe & Tool Co., Glassport, Pa.  
 HURIUP gasoline funnels—F. Cortez Wilson & Co., 323 W. Lake, Chicago, Ill.  
 HURLBURN lock deck plates—Wilcox, Crittenden & Co., Middletown, Conn.  
 HURLEY FREEMAN tube cleaners—Paul B. Huyette Co., 18th & Market, Phila., Pa.  
 HURLEY FREEMAN tube cleaners—Jarecki Mfg. Co., Erie, Pa.  
 HURON cement—Huron Portland Cement Co., Detroit, Mich.  
 HURON oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.  
 HURON alloy tool steel—Ludlum Steel Co., Watervliet, N. Y.  
 HURRICANE electric fans—Eck Dynamo & Motor Co., Bellevue, N. J.  
 HURRICANE textile dryers, skein dyeing machines, singeing machines, screw presses—Philadelphia Drying Machinery Co., 6721 Germantown av, Phila., Pa.  
 HURRICANE tube cleaners—Jas. L. Robertson & Son, 78 Murray, New York  
 HURRY dryers—Columbia Mfg. Co., Columbia, Pa.  
 HURT broom cutters & broom sizers—Alphonso Walrath Co., Fort Plain, N. Y.  
 HURWOOD screw drivers, awls, ice picks—Stanley Rule & Level Co., New Britain, Conn.  
 HUSSEY handle bars—Consolidated Mfg. Co., Toledo, Ohio  
 HUSSEY spring tooth harrows—Hussey Plow Co., N. Berwick, Me.  
 HUSTLER ash sifters—Hill Dryer Co., Worcester, Mass.  
 HUSTLER sled cultivators—Ohio Cultivator Co., Bellevue, Ohio  
 HUSTON pressed steel boiler saddles—Lukens Iron & Steel Co., Coatesville, Pa.  
 HUSYBINS crucible bar & crucible sheet steel—Hussey-Binns Steel Co., 223 4th av, Pittsburgh, Pa.  
 HUTTER porcelain stoppers—Karl Hutter, 241 Lafayette, New York  
 HYATT shafting boxes—Hyatt Roller Bearing Co., Harrison, N. J.  
 HYCALIBRE waterproof belting—Consolidated Belting Co., Chester, Pa.  
 HYCAP-EXIDE storage battery cars—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.  
 HYDE water tube boilers—Hyde Bros. & Co., Commonwealth bldg., Pittsburgh, Pa.  
 HYDE water tube boilers—Standard Boiler & Plate Iron Co., Niles, Ohio  
 HYDE'S horseshoers' vises—New London Vise Works, New London, Conn.  
 HYDRATOR lime hydrating machinery—American Hydrating Co., Md. Trust bldg., Baltimore, Md.  
 HYDREX burlap & waterproofing materials—Hydrex Felt & Engineering Co., 120 Liberty, New York  
 HYDRO chronographs—Hydro Mfg. Co., Bullitt bldg., Phila., Pa.  
 HYDRO rubber hose—Republic Rubber Co., Youngstown, Ohio  
 HYDRO-CARBONITE roofing paints—Monarch Paint Co., Cleveland, Ohio  
 HYDROCIDAL waterproofing materials—L. Sonneborn Sons, 262 Pearl, New York  
 HYDRODUCT iron flumes—Hinman Hydraulic Mfg. Co., Denver, Colo.  
 HYDROIL water oil cutting compound—B. G. Pratt Co., 50 Church, New York  
 HYDROLITE waterproof materials—Good Products Co., 1856 Leclair, Chicago, Ill.  
 HYDROLITH sanitary flooring—Hydrolith Co., 25 Dean, Brooklyn, N. Y.  
 HYDROMATIC valves—Engineers' Appliance Co., Cleveland, Ohio  
 HYDRONON waterproofing materials—Barrett Co., 17 Battery pl, New York  
 HYDROSEAL dampproofing compounds—Concrete Waterproof Paint Co., 827 N 3rd, Phila., Pa.  
 HYDROWAX furniture polish—B. G. Pratt Co., 50 Church, New York  
 HYDUTY feed drills—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 HY DUTY ECONOMIC steam & hot water heaters—Frank Prox Co., Terra Haute, Ind.  
 HYGEIA sanitary drinking fountains—Jas. B. Clow & Sons, 544 S. Franklin, Chicago, Ill.  
 HY-GE-NIA sanitary flooring—National Hygienic Floor Co., 1911 Pine, St. Louis, Mo.  
 HYGENIC paper cuspidors—Forsythe Stone, 67 Kingston, Boston, Mass.  
 HYGENOL liquid soap—Hygenol Co., Minneapolis, Minn.  
 HYGIENE brass & iron bedsteads—Metal Furniture Co., Evansville, Ind.  
 HYGIENE wool wadding—Evans & Co., Lockport, N. Y.  
 HYGIENIC faucet filters—Seed Filter & Mfg. Co., 96 Church, New York  
 HYGIENIC fireless cookers—Stephens Mfg. Co., 67 Carroll, Buffalo, N. Y.  
 HYGIENIC kalsomine—Adams & Elting Co., 722 W. Washington, Chicago, Ill.  
 HYGLO metal polish—Jno. T. Stanley, 642 W. 30th, New York  
 HYGRADE incandescent electric lamps—Hygrade Lamp Co., Salem, Mass.  
 HYGROSSO humidifying apparatus—Briggs-Shaffner & Co., Winston-Salem, N. C.  
 HYLO low water alarms—Bogardus-Nelson Co., Marshalltown, Ia.  
 HYLO tank alarms—Bogardus-Nelson Co., Marshalltown, Ia.  
 HYLO turn down electric lamps—Economical Electric Lamp Works, 25 W. Broadway, New York  
 HYLOPLATE composition blackboards—J. L. Hammett Co., 250 Devonshire, Boston, Mass.  
 HY-NAMEL enameled brick—Hydraulic-Press Brick Co., St. Louis, Mo.  
 HYNSON bung hole borers—Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.



**HYPERION** rubber packing—Mechanical Rubber Co., Cleveland, Ohio  
**HY-POL** furniture polish—Adams & Elting Co., 722 W. Washington, Chicago, Ill.  
**HYPRESS** positive pressure blowers—L. J. Wing Mfg. Co., 352 W. 13th, New York  
**HY-SPEED** metal planing machines—Woodward & Powell Planer Co., Worcester, Mass.  
**HYTEMPITE** furnace cements—Quigley Furnace Specialties Co., 26 Cortlandt, New York  
**HY-TEX** brick—Ford F. Codman, 738 Union av, New Orleans, La.  
**HY-TEX** brick mantels, front brick & floor tile—Hydraulic-Press Brick Co., St. Louis, Mo.  
**HY-TEX** front brick—C. M. Houghtaling & Co., 103 Park av, New York

**I** anti-friction babbitt metal—A. Gilbert & Sons Brass Foundry Co., 4019 Forest Park blk, St. Louis, Mo.  
**I** beam hangers & switches—Cameron Engineering Co., E. Stroudsburg, Pa.  
**I. A. SPECIAL** combined harrow & cultivator—S. R. White's Sons, Norfolk, Va.  
**I. C.** faucet filters—Brass Goods Mfg. Co., 280 Nevins, Brooklyn, N. Y.  
**I. C. F.** sash weights—Iron City Foundry Co., Lebanon, Pa.  
**I. C. I.** bit brace chucks & easy wringing mops—I. C. Imboden Co., Cleona, Pa.  
**I. C. P. CO.** typewriter ribbons—International Carbon Paper Co., 206 Broadway, New York  
**I-D-L** fish landing nets—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.  
**I. D. P.** waterproofing materials—Illinois Damp-Proofing Co., 105 W. Monroe, Chicago, Ill.  
**I-H-C** pumping engines—International Harvester Co., 230 Harvester bldg., Chicago, Ill.  
**I. I. & B. CO.**, jacks, jack screws, cast iron wagon skeins, pipe vises—Illinois Iron & Bolt Co., Carpentersville, Ill.  
**I. L.** screw drivers—Browne & Dowd Mfg. Co., Meriden, Conn.  
**I. L. S. & C.** machine wipers—L. Scheinman & Co., E. Grand blvd. & Hastings, Detroit, Mich.  
**I. M. E.** domestic sad irons—Central Flatiron Mfg. Co., Binghamton, N. Y.  
**I. O. C.** lubricating oils & greases—Invader Oil Co., 80 Broad, New York  
**I. O. C.** oxygen generators, oxygen gas & hydrogen—International Oxygen Co., 115 Broadway, New York  
**I-P** loose-leaf devices—Irving-Pitt Mfg. Co., Kansas City, Mo.  
**I-R.** drill steel—Ingersoll-Rand Co., 11 Broadway, New York  
**I-RITE** pyrometers—Gibb Instrument Co., Highland bldg., Pittsburgh, Pa.  
**I. T. E.** circuit breakers—Cutter Electrical & Mfg. Co., 19th & Hamilton, Phila., Pa.  
**I. W. P.** waterproofing materials—Imperial Water Proof Co., 105 W. Monroe, Chicago, Ill.  
**IX** dinner pails—Sullivan-Geiger Co., Indianapolis, Ind.  
**I. X. L.** bed & furniture casters, staple pullers, wire fence ratchets, stove trucks, wire cloth measuring machines—O. P. Schriver & Co., 621 E. Pearl, Cincinnati, Ohio  
**I. X. L.** can openers—W. G. Brown Mfg. Co., Kingston, N. Y.  
**I. X. L.** can openers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
**I. X. L.** collar fasteners—North & Judd Mfg. Co., New Britain, Conn.  
**I. X. L.** cut gears—Foote Bros. Gear & Machine Co., 210 N. Carpenter, Chicago, Ill.  
**I. X. L.** ensilage cutters—U. S. Wind Engine & Pump Co., Batavia, Ill.  
**I. X. L.** floor finish—Edward Smith & Co., 127 W. av, Long Island City, N. Y.  
**IXL** flush tank regulators—Modern Iron Works, Quincy, Ill.  
**I. X. L.** fruit & maple sugar evaporators—Warren Evaporator Works, Warren, Ohio  
**I. X. L.** knives, razors, horse fleams, ink erasers—Geo. Wostenholm & Son, 105 Chambers, New York  
**I. X. L.** lathe chucks—Westcott Chuck Co., Onelda, N. Y.  
**IXL** oil cups—Swift Lubricator Co., Elmira, N. Y.  
**I. X. L.** padlocks—Slaymaker Lock Co., Lancaster, Pa.  
**I. X. L.** pipe cutting & threading machines—D. Saunders Sons, Yonkers, N. Y.  
**I. X. L.** pipe hangers—Sproul & McGurrian Co., Grand Rapids, Mich.  
**I. X. L.** ready asphalt roofing—Chapman & Soden, 150 Oliver, Boston, Mass.

**I. X. L.** saw gummers—Ajax Mfg. Co., N. S. Pittsburgh, Pa.  
**I. X. L.** sewage ejectors & water closets—I. X. L. Pump & Mfg. Co., 957 N. 9th, Phila., Pa.  
**I. X. L.** spiral square wing packing—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio  
**IXL** tank heaters—Phelps & Bigelow Windmill Co., Kalamazoo, Mich.  
**I. X. L.** tool grinders—Huntington Machine & Foundry Co., Huntington, Ind.  
**I. X. L.** turbine water wheels—Humphrey Machine Co., Keene, N. H.  
**I. X. L.** windmills—Phelps & Bigelow Windmill Co., Kalamazoo, Mich.  
**I. X. X. X.** gill box cans—Hill James Mfg. Co., 52 Westfield, Providence, R. I.  
**I. & L.** cottonseed oil—American Cotton Oil Co., 65 B'way, New York  
**I. & L.** stump pullers—Milne Mfg. Co., Monmouth, Ill.  
**IBSEN BROS.** saw swages—Ajax Mfg. Co., Pittsburgh, Pa.  
**ICHABOD** brass lanterns—Plume & Atwood Mfg. Co., Waterbury, Conn.  
**IDEAL** air tight heaters & gas and oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.  
**IDEAL** alarm gauges—Ashton Valve Co., Franklin, Boston, Mass.  
**IDEAL** annunciators—Engineering Products Co., 40 Goldsmith av, Detroit, Mich.  
**IDEAL** arc lamps, electric motors & generators—Ideal Electric & Mfg. Co., Mansfield, Ohio  
**IDEAL** auto stools—Bryan Novelty Mfg. Co., Bryan, Ohio  
**IDEAL** babbitt metal—Allen-Murphy Co., 125 W. 46th pl., Chicago, Ill.  
**IDEAL** barrows—Phillips, Doup Co., 60 Pearl, Brooklyn, N. Y.  
**IDEAL** bath brushes—Standard Brush Co., New Hartford, Conn.  
**IDEAL** bed side tables—Walker Bros. Co., Syracuse, N. Y.  
**IDEAL** belt fasteners—Hudson Belt Fastener Co., 103 Chambers, New York  
**IDEAL** blanket pins—F. E. Kohler Co., Canton, Ohio  
**IDEAL** boilers—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
**IDEAL** brake shoes—Spear & Miller Co., 80 E. Jackson blvd., Chicago, Ill.  
**IDEAL** broom holders—Franklin Brass Foundry Co., Reading, Pa.  
**IDEAL** can openers—Hamblin & Russell Mfg. Co., Worcester, Mass.  
**IDEAL** can openers—Parker Wire Goods Co., Worcester, Mass.  
**IDEAL** candy wrapping machines—Ideal Wrapping Machine Co., Middletown, N. Y.  
**IDEAL** car trucks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.  
**IDEAL** carbon paper & typewriter ribbons—Carter's Ink Co., E. Cambridge, Boston, Mass.  
**IDEAL** carriage fasteners—C. Cowles & Co., New Haven, Conn.  
**IDEAL** cement & wall plaster—Colorado Portland Cement Co., Denver, Colo.  
**IDEAL** chain adjusters, feed cutters, root cutters, grain lifter guards—Frank Hamachek, Kewaunee, Wis.  
**IDEAL** chain tongs, chain wrenches—Kroeschel Bros. Co., 440 W. Erie, Chicago, Ill.  
**IDEAL** coffee percolators, enameled ware, cuspidors, ice cream freezers—New England Enameling Co., Middletown, Conn.  
**IDEAL** coffee percolators, fireless cookers, oil stoves & heaters, roasters & baking pans—Toledo Cooker Co., Toledo, Ohio  
**IDEAL** concrete building block machinery & concrete mixers—Ideal Concrete Machinery Co., Cincinnati, Ohio  
**IDEAL** concrete cars—Cement Tile Machy. Co., Waterloo, Ia.  
**IDEAL** conductor pipe, rural mail boxes—Learn & Brindle, Columbus, Ohio  
**IDEAL** copper-nickel wire—Electrical Alloy Co., Morristown, N. J.  
**IDEAL** corn & cob mills, feed cookers, gasoline engines—Ideal Gas Engine Co., Independence, Ia.  
**IDEAL** cotton duck looms—Stafford Co., Readville, Mass.  
**IDEAL** cultivators—H. P. Deuscher Co., Hamilton, Ohio  
**IDEAL** currycombs—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
**IDEAL** curtain stretchers—John B. Davis, Clinton, Me.  
**IDEAL** cushion springs—Foster Bros. Mfg. Co., Utica, N. Y.  
**IDEAL** dies—Ideal Tool & Mfg. Co., Beaver Falls, Pa.



- IDEAL disinfecting apparatus—Rosenstock Chemical Co., 245 W. 28th, New York
- IDEAL dog biscuits—M. F. Marx Machine Co., Louisville, Ky.
- IDEAL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- IDEAL drain tile machines—Farmers' Cement Tile Machine Co., St. Johns, Mich.
- IDEAL electric drills, electric-driven saws, grinders, motor-driven screw drivers—Neil & Smith Electric Tool Co., 120 E. 6th, Cincinnati, Ohio
- IDEAL electric sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
- IDEAL engine lathes—Springfield Machine Tool Co., Springfield, Ohio
- IDEAL expansion bolts & joints—Waring-Underwood Co., Commercial Trust bldg., Philadelphia, Pa.
- IDEAL exploders—Hercules Powder Co., Wilmington, Del.
- IDEAL extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio.
- IDEAL feed cookers—Star Tank Co., Goshen, Ind.
- IDEAL finger nail clippers—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.
- IDEAL floor polishing brushes—Duncan Bros. & Wray Co., Ludlow Falls, Ohio
- IDEAL floor scrubbers—W. J. Dennis & Co., 2222 W. Lake, Chicago, Ill.
- IDEAL flue cutters & tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
- IDEAL fountain pens—L. E. Waterman Co., 191 Broadway, New York
- IDEAL friction clutches—Akron Gear & Engng. Co., Akron, Ohio
- IDEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- IDEAL gaff hooks—Redifor Rod & Reel Co., Warren, Ohio
- IDEAL garden hose reels—Cardington Cabinet Co., Cardington, Ohio
- IDEAL garden rakes—Cronk & Carrier Mfg. Co., Elmira, N. Y.
- IDEAL garment hangers—Andrews Wire & Iron Works, Rockford, Ill.
- IDEAL gas engines, oil rig irons, well drilling machinery—Union Tool Co., Los Angeles, Cal.
- IDEAL gas engines & gasoline hoists—Original Gas Engine Co., Lansing, Mich.
- IDEAL gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
- IDEAL gasoline hoists—Universal Hoist & Mfg. Co., Cedar Falls, Ia.
- IDEAL gauges—Ashton Valve Co., 161 First, Cambridge, Mass.
- IDEAL grass catchers—R. F. Krause, Zion City, Ill.
- IDEAL grass hooks—Wallingford Mfg. Co., Wallingford, Vt.
- IDEAL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- IDEAL gun barrel cleaner tools—Lefever Gun Co., Ithaca, N. Y.
- IDEAL hardware specialties, feed grinding mills, flag poles, hot air registers, soldering sets—Stover Mfg. Co., Freeport, Ill.
- IDEAL hickory stick head rules—Smith & Phillips Mfg. Co., 412 N. Sangamon, Chicago, Ill.
- IDEAL hot air furnaces—Barber Mfg. Co., Ashtabula, Ohio
- IDEAL hot air furnaces—Kansas City Furnace Co., Kansas City, Mo.
- IDEAL hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
- IDEAL ice cream freezers—Garden City Plating & Mfg. Co., 1430 S. Tallman, Chicago, Ill.
- IDEAL ice picks—Stover Mfg. Co., Freeport, Ill.
- IDEAL ignition cable—Empire Tire & Rubber Corp., East Trenton, N. J.
- IDEAL ink eradicators—L. & C. Hardtmuth, 34 E. 23rd, New York
- IDEAL joist hangers—Ideal Hanger Co., Cleveland, Ohio
- IDEAL kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.
- IDEAL lamp cord adjusters—Trumbull Electric Mfg. Co., Plainville, Conn.
- IDEAL land & field rollers—Weaver & Co., New Oxford, Pa.
- IDEAL lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- IDEAL lawn mowers—Ideal Power Lawn Mower Co., Lansing, Mich.
- IDEAL lawn swings—Thornburgh Mfg. Co., Bowling Green, Ohio.
- IDEAL lunch boxes—Rochester Lunch Box Mfg. Co., Rochester, N. Y.
- IDEAL maple flooring—I. Stephenson Co., Wells, Mich.
- IDEAL massage vibrators, switchboards, electro-mechanical gongs—R. Haas Electric Mfg. Co., Springfield, Ill.
- IDEAL meat & food choppers—Peck, Snow & Wilcox Co., Southington, Conn.
- IDEAL medicine cabinets—Ideal Riverside Hinge & Cabinet Co., 3666 Park av., St. Louis, Mo.
- IDEAL metal polish & stove polish—A. O. Bettes Mfg. Co., Kansas City, Mo.
- IDEAL oil pump lubricators—American Lubricator Co., Detroit, Mich.
- IDEAL oxy-acetylene welding—General Welding Co., 355 14th, Hoboken, N. J.
- IDEAL package washing machines—Ideal-Peerless Mfg. Co., Cleveland, Ohio
- IDEAL packing—Goetze Gasket & Packing Co., South New Brunswick, N. J.
- IDEAL packing—Ideal Metallic Packing Co., South Stillwater, Minn.
- IDEAL packing & gaskets—General Asbestos Rubber Co., Charleston, S. C.
- IDEAL paper clips—Cushman & Denison Mfg. Co., 240 W. 23rd, New York
- IDEAL pasteurizers—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
- IDEAL pipe clamps—Wm. Moll, 1660 Columbia rd., Cleveland, Ohio
- IDEAL plow coulters—Weyburn Co., Rockford, Ill.
- IDEAL portable grain elevators—Luthy & Co., Peoria, Ill.
- IDEAL post caps & bases—Ideal Hanger Co., Cleveland, Ohio
- IDEAL pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
- IDEAL pruning shears—Smith, Seymour & Son, Oakville, Conn.
- IDEAL pump governors—Ideal Automatic Mfg. Co., 125 Watts, New York
- IDEAL pump valves—Lake Erie Mfg. Co., Buffalo, N. Y.
- IDEAL push button floor treads—Renim Specialty Co., Brighton Station, Boston, Mass.
- IDEAL reducing motors, steam engines, steam separators—A. L. Ide & Sons, Springfield, Ill.
- IDEAL reducing wheels—John S. Bushnell & Co., 146 Liberty, New York
- IDEAL reducing wheels—Richard Thompson & Co., 126 Liberty, New York
- IDEAL riveting machines, lawn mower sharpeners—Root-Heath Mfg. Co., Plymouth, Ohio
- IDEAL road machines & graders & cast iron culverts—Galion Iron Works & Mfg. Co., Galion, Ohio
- IDEAL rural mail boxes—C. G. Folsam Mfg. Co., South Bend, Ind.
- IDEAL sad irons—Ideal Sad Iron Mfg. Co., Cleveland, Ohio
- IDEAL sash operating device—Dearborn Hardware Mfg. Co., 2911 Carroll av., Chicago, Ill.
- IDEAL saw sharpeners—Rotary File & Machine Co., 176 N. 4th, Brooklyn, N. Y.
- IDEAL screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- IDEAL seed corn dryers & stock fountains—National Mfg. Co., Des Plaines, Ia.
- IDEAL seeders & sowers—Beaver Dam Mfg. Co., Beaver Dam, Wis.
- IDEAL silos & steel tanks & towers—Bennett Bros. Co., Lowell, Mass.
- IDEAL spark plugs—Ideal Switch Co., Plainville, Conn.
- IDEAL steam traps—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
- IDEAL steam & hot water heaters—American Radiator Co., 830 S. Michigan av., Chicago, Ill.
- IDEAL sylphon damper regulators, heat regulators pressure reducing valves—Fulton Co., Knoxville, Tenn.
- IDEAL thumb tacks—Keuffel-Esser, Hoboken, N. J.
- IDEAL tin oil pumps—R. E. Chapin Mfg. Works, Batavia, N. Y.
- IDEAL tool racks—Angle Steel Tool Co., Otsego, Mich.
- IDEAL towel racks—Wire Goods Co., Worcester, Mass.
- IDEAL trolley catchers & retrievers—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
- IDEAL trolley harps—Lumen Bearing Co., Buffalo, N. Y.
- IDEAL tube mill feeders—Abbe Engineering Co., 220 Broadway, N. Y.
- IDEAL twine holders—Introstile Mfg. Co., Marietta, Ohio
- IDEAL ventilating window sash—Leonard Sheet Metal Works, Hoboken, N. J.
- IDEAL unique radiator valves—American Radiator Co., 820 S. Michigan av., Chicago, Ill.
- IDEAL washing machine valves—McMaster-Carr Supply Co., 174 N. Market, Chicago, Ill.



IDEAL water closet bends—Ideal Mfg. Co., Franklin & Dubois, Detroit, Mich.  
 IDEAL water coolers—Ideal Water Cooler Co., Monadnock blk., Chicago, Ill.  
 IDEAL whetstones—Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.  
 IDEAL window ventilators—Ideal Ventilator Co., 136 Liberty, New York  
 IDEAL wire mats—Keystone Wire Matting Co., Beaver Falls, Pa.  
 IDEAL woven wire fences—Elliott & Reid Co., Richmond, Ind.  
 IDEAL CROWN bottle openers—Ryede Specialty Works, Rochester, N. Y.  
 IDEAL HEAT electric water heaters—Loetscher-Ryan Mfg. Co., Dubuque, Ia.  
 IDEALITE sanitary flooring—Idealite Co., Cincinnati, Ohio  
 IDEAL SYPHON regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 IDLE hour hammock—Excelsior Bag & Mfg. Co., Troy, N. Y.  
 IGARD gauge glass preservers—Gardner Grate Co., 21 Burgess, Boston, Mass.  
 ILANASILK cushions—Robinson-Rodgers Co., 27 N. J. R. R. av, Newark, N. J.  
 ILER cupel machines—Denver Fire Clay Co., Denver, Colo.  
 ILLINOIS acetylene gas machines—Monmouth Acetylene-Electric Mfg. Co., Monmouth, Ill.  
 ILLINOIS boiler compounds—Illinois Boiler Cleaning Compound Co., 1338 N. La Salle, Chicago, Ill.  
 ILLINOIS cottonseed oils—East St. Louis Cotton Oil Co., East St. Louis, Ill.  
 ILLINOIS drilling machines—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 ILLINOIS grain drills—Peoria Drill & Seeder Co., Peoria, Ill.  
 ILLINOIS hay rack clamps—Louden Machinery Co., Fairfield, Ia.  
 ILLINOIS steam heaters—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
 ILLINOIS valves—Illinois Engineering Co., 540 W. Harrison, Chicago, Ill.  
 ILLINOIS valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.  
 ILLMER gas engines—Reading Iron Co., Reading, Pa.  
 IMCO needle & shower baths, non-scalding valves, anti-siphon traps—Imco Mfg. Co., 612 W. 55th, New York  
 IMICO steam heaters, laundry stoves—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
 IMP electro magnets—Sumter Electric Co., 1466 Michigan av, Chicago, Ill.  
 IMP flattening stone—F. M. Sander, Millville, N. J.  
 IMPACO paints—Imperial Paint Co., 80 10th, Long Island City, N. Y.  
 IMPERIAL acid exhausters—Pratt Engineering & Machine Co., Atlanta, Ga.  
 IMPERIAL adamant & wood fibre—George W. Pack & Son, Syracuse, N. Y.  
 IMPERIAL air valves, floor & ceiling plates—W. A. Russell & Co., 63 W. 37th, New York  
 IMPERIAL alfalfa cultivators & harrows, celery hillers, potato cutters, potato bug exterminators—Bucher & Gibbs Plow Co., Canton, Ohio  
 IMPERIAL asbestos pipe—H. F. Watson, Erie, Pa.  
 IMPERIAL automobile bumpers—L. P. Halladay Co., Streator, Ill.  
 IMPERIAL automobile lamps, brass compression couplings, self-heating sad irons, pressure regulators—Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.  
 IMPERIAL basin cocks—Imperial Co., Grove City, Pa.  
 IMPERIAL bath tubs—Kohler Co., Kohler, Wis.  
 IMPERIAL belt dressing—J. Bachmann & Co., 16 Reade, New York  
 IMPERIAL blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.  
 IMPERIAL bridle bits, hame clips, hangers, hooks, snaps & lawn trimmers—Imperial Bit & Snap Co., Racine, Wis.  
 IMPERIAL burnishing machines, polishing machines—Smith, Richardson, Attleboro, Mass.  
 IMPERIAL can openers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 IMPERIAL cement plaster—United States Gypsum Co., Chicago, Ill.  
 IMPERIAL chain hoists—Franklin Moore Co., Winsted, Conn.  
 IMPERIAL chrome black—Chas. H. Relsig, 269 Water, New York  
 IMPERIAL clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 IMPERIAL deep well—F. E. Myers & Bros., Ashland, Ohio

IMPERIAL desk telephone brackets—Stanley & Paterson, 23 Murray, New York  
 IMPERIAL electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York  
 IMPERIAL expanded metal lath—American Rolling Mill Co., Middletown, Ohio  
 IMPERIAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.  
 IMPERIAL glue—Imperial Glue Co., Kohl bldg, San Francisco, Cal.  
 IMPERIAL grain drills—La Crosse Plow Co., La Crosse, Wis.  
 IMPERIAL harness hooks—Morgan Spring Co., Worcester, Mass.  
 IMPERIAL hot air furnaces—Forest City Foundry & Mfg. Co., Cleveland, Ohio  
 IMPERIAL hot water radiators—H. B. Smith Co., Westfield, Mass.  
 IMPERIAL hypodermic syringes & imperial needles—Randall-Falchney Co., Boston, Mass.  
 IMPERIAL lawn mowers—Coldwell Lawn Mower Co., Newburgh, N. Y.  
 IMPERIAL lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 IMPERIAL lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.  
 IMPERIAL leaded glass shades—Unique Art Glass & Metal Co., 105 Vanderveer, Brooklyn, N. Y.  
 IMPERIAL lubricating oils & greases—Pure Oil Co., 1st & 13th av, S., Minneapolis, Minn.  
 IMPERIAL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 IMPERIAL maple flooring—East Jordan Lumber Co., East Jordan, Mich.  
 IMPERIAL metal culverts—Dominion Metal Products Co., Roanoke, Va.  
 IMPERIAL metal culverts—Florida Metal Product Co., Roanoke, Va.  
 IMPERIAL metal & stove polish & chloride of lime—Rath Mfg Co., Hedley E. of Richmond, Phila., Pa.  
 IMPERIAL mortar colors—Imperial Paint Co., 80 10th, Long Island City, N. Y.  
 IMPERIAL packing, rubber hose, deckle straps—Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 IMPERIAL padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 IMPERIAL plasters' steel corner beads—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.  
 IMPERIAL pneumatic tools, air hoists, air compressors, vacuum pumps—Ingersoll-Rand Co., 11 Broadway, New York  
 IMPERIAL prismatic glass—Pressed Prism Plate Glass Co., Morgantown, W. Va.  
 IMPERIAL pruning shears—Smith, Seymour & Son, Oakville, Conn.  
 IMPERIAL pumps—F. E. Myers & Bro., Ashland, Ohio  
 IMPERIAL rail benders—Hardsocg, Martin, Co., 922 South av, Pittsburgh, Pa.  
 IMPERIAL rubber coated cloth—Rosenwald & Weil, 1514 West Kinzie, Chicago, Ill.  
 IMPERIAL rubber tires, inner automobile tubes, tire vulcanizers—McGraw Tire & Rubber Co., East Palestine, Ohio.  
 IMPERIAL silk bolting cloth—Holmes & Blanchard, 31 State, Boston, Mass.  
 IMPERIAL steam separators, steam traps, throttle valves—Imperial Iron Works, Duluth, Minn.  
 IMPERIAL steam & hot water heaters—Messinger Mfg. Co., Tatamy, Pa.  
 IMPERIAL steam & hot water heaters—Utica Heater Co., Utica, N. Y.  
 IMPERIAL tinware—Schlueter Mfg. Co., Broadway & John av, St. Louis, Mo.  
 IMPERIAL urinal stalls—J. L. Mott Iron Works, 118 5th av, New York  
 IMPERIAL ventilators—C. A. Welmer, Lorain, Ohio  
 IMPERIAL washing machines—Imperial Mfg. Co., Sand Sprngs, Okla.  
 IMPERIAL white lead—Robert Shoemaker & Co., 4th & Race, Phila., Pa.  
 IMPERIAL windmills—Mast, Foos & Co., Springfield, Ohio  
 IMPERIAL wire pullers—Wicke Tool Co., Downers Grove, Ill.  
 IMPERIAL BLUE granite—Woodbury Granite Co., Hardwick, Vt.  
 IMPERIAL EXCELSIOR gas ranges—Isaac A. Shepard & Co., Erie & Sepviva, Phila., Pa.  
 IMPERIAL 1910 clothes washing machines—Dayton Washington Machine & Motor Co., Dayton, Ohio  
 IMPERIAL SUNSHINE steam heaters—Reading Scale & Machine Co., Reading, Pa.  
 IMPERIAL-WIXON tire air pumps—Imperial Brass Mfg. Co., 1200 W. Harrison, Chicago, Ill.  
 IMPERVIO water closet tanks—Trenton Potteries Co., Trenton, N. J.



- IMPERVIOUS shingle stains—Vilas Bros., 717 S. 5th av., Chicago, Ill.
- IMPERVITE waterproofing materials—Standard Paint Co., 233 Broadway, New York
- IMPREGNITE insulating varnishes—Standard Varnish Works, 2589 Richmond ter., Elm Park, N. Y.
- IMPROVED capital water power washer—Blackstone Mfg. Co., Jamestown, N. Y.
- IMPROVED common sense oil & grease cups—Michigan Lubricator Co., Detroit, Mich.
- IMPROVED cyclone mechanical dust collectors—Western Blow Pipe & Sheet Metal Co., St. Louis, Mo.
- IMPROVED dry batteries—Emil J. Tardie, 240 6th av., New York
- IMPROVED engine lubricators—American Lubricator Co., Detroit, Mich.
- IMPROVED locksmith screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.
- IMPROVED ore feeders—Kennedy-Van Saun Mfg. & Eng. Corp., 120 B'way, New York
- IMPROVED process paint—International Color & Chemical Co., 1192 Niagara, Buffalo, N. Y.
- IMPROVED sight feed hand riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av., Chicago, Ill.
- IMPROVED ELECTRIC sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- IMPROVED EXCELSIOR fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
- IMPROVED GIANT steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.
- IMPROVED HANDY furnace pipe & fittings—F. Meyer & Bro., Peoria, Ill.
- IMPROVED KITCHEN steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
- IMPROVED LOUISVILLE hand bottle filling machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
- IMPROVED MERIDIAN wheel garden hoes—Everts Mfg. Co., Meridian, N. Y.
- IMPROVED MILITARY RIFLE NOS. 15, 16 & 18 powder—E. I. du Pont de Nemours & Co., Wilmington, Del.
- IMPROVED MONITOR self-heating sad irons—Monitor Sad Iron Co., Big Prairie, Ohio
- IMPROVED PACKARD vacuum pumps—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
- IMPROVED PERFECT clinching hose menders & hose couplings—Peoria Can Co., Peoria, Ill.
- IMPROVED PERKINS tack machinery & wire nail barbing machines—Henry Perkins Co., Bridgewater, Mass.
- IMPROVED ROYAL rural mail boxes—Geo. B. Swan, Mattoon, Ill.
- IMPROVED ST. LOUIS trolley wire picks-ups—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
- IMPROVED VICTOR incubators & brooders—Geo. Ertel Co., Quincy, Ill.
- IN-A-JIFFY calculating machines—Voss Calculator Co., 6 N. Clark, Chicago, Ill.
- INCINERITE coil & refuse incinerators & disposal plants—E. C. Stearns & Co., 450 Oneida, Syracuse, N. Y.
- INCOMPARABLE fluid & tinning solution—Reade Mfg. Co., Hoboken, N. J.
- INDELIBLE cold water paints—Muralo Co., Richmond Ter., New Brighton, Borough of Richmond, New York
- INDEPENDENCE wood split pulleys—Dodge Sales & Engineering Co., Mishawaka, Ind.
- INDEPENDENT cement plaster—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.
- INDEPENDENT dynamite—Independent Powder Co. of Missouri, Joplin, Mo.
- INDEPENDENT mowers—Independent Harvester Co., Plano, Ill.
- INDEPENDENT scythe snaths—Fenn Mfg. Co., Charlotte, Mich.
- INDEPENDENT shade rollers—Ball Bearing Shade Roller Co., Naugatuck, Conn.
- INDEPENDENT shaker screens—Morrow Mfg. Co., Wellston, Ohio
- INDESTRUCTENE packing, polishing belts, rubber hose, thresher belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
- INDESTRUCTIBLE belting—Empire Tire & Rubber Mfg. Corp., East Trenton, N. J.
- INDESTRUCTIBLE blow-off valves & gauge cocks—A. W. Cadman Mfg. Co., 2814 Smallman, Pittsburgh, Pa.
- INDESTRUCTIBLE horse collars—Johnston-Slocum Co., Caro, Mich.
- INDESTRUCTIBLE packing—New York Belting & Packing Co., 91 Chambers, New York
- INDESTRUCTIBLE spark plugs—American Coil Co., Foxboro, Mass.
- INDESTRUCTIBLE tool handles—J. L. Osgood Tool Co., Buffalo, N. Y.
- INDESTRUCTINE belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
- INDIA lawn swings—Toledo Plow Co., Toledo, Ohio
- INDIA packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- INDIAN alarm clocks—E. Ingraham Co., Bristol, Conn.
- INDIAN cement—United Kansas Portland Cement Co., Iola, Kan.
- INDIAN motor cycles—Hendee Mfg. Co., Springfield, Mass.
- INDIAN rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- INDIAN wood preservatives—Indian Refining Co., 44 Whitehall, New York
- INDIANA blowers—Indiana Fan Co., Indianapolis, Ind.
- INDIANA cast wagon skeins—American Skein & Foundry Co., Racine, Wis.
- INDIANA curb forms—Indiana Concrete Mold Co., Peru, Ind.
- INDIANA farm wagons—Indiana Wagon Co., Lafayette, Ind.
- INDIANA grain drills—Rude Mfg. Co., Liberty, Ind.
- INDIANA hard wood flooring—North Vernon Lumber Co., North Vernon, Ind.
- INDIANA packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
- INDIANA woven wire fences—Kokomo Steel & Wire Co., Kokomo, Ind.
- INDIANAPOLIS sanitary kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- INDIANAPOLIS track rail grinders—Indianapolis Switch & Frog Co., Springfield, Ohio
- INDIAN BRAND fire brick & brick front—Claycraft Brick Co., Columbus, Ohio
- INDIAN BRAND manganese steel castings—Frog Switch & Mfg. Co., Carlisle, Pa.
- INDIAN GIRL canoes—Rushton, J. H.
- INDIAN HEAD pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York
- INDIAN QUEEN gas ranges—Eriez Stove & Mfg. Co., Erie, Pa.
- INDIAN RIFLE powder (for export only)—E. I. du Pont de Nemours & Co., Wilmington, Del.
- INDIAN TAN rawhide belting—Bay State Belting Co., 605 Atlantic av., Boston, Mass.
- INDIGO sheet packing—New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
- INDISPENSABLE lathe dogs—Bonney Vise & Tool Works, Allentown, Pa.
- INDIVIDUALITY electric illuminated signs—Greenwood Advertising Co., Knoxville, Tenn.
- INDURITE liquid chemical hardener for floors—Ceresit Waterproofing Co., 110 S. Dearborn, Chicago, Ill.
- INDURUOID asphalt roofing—H. F. Watson Co., Erie, Pa.
- INDUSTRIAL gas engines—Industrial Iron Works, Clinton, Mo.
- INDUSTRIAL sickle grinders—National Dairy Machine Co., Goshen, Ind.
- INFALLIBLE smokeless powders—Hercules Powder Co., Wilmington, Del.
- INFUSO case hardening—Steel Improvement Co., Cleveland, Ohio
- INGALLS tube scraper—A. W. Chesterton Co., 64 India, Boston, Mass.
- INGALLS tube scraper—Worcester Brush & Scraper Co., Worcester, Mass.
- INGECO tractors—International Gas Engine Co., Cudahy, Wis.
- INGECO gas, gasoline, oil & traction engines—Worthington Pump & Machy. Corp., 115 B'way, New York
- INGERSOLL-ROGLER air compressors, vacuum pumps—Ingersoll-Rand Co., 11 Broadway, New York
- INGHAM needle & shower baths & shower bath valves—Imperial Brass Mfg. Co., 1200 Harrison, Chicago, Ill.
- INGOT core compounds—Smith Facing & Supply Co., Columbia bldg., Cleveland, Ohio
- INITIATIVE speed indicators—Schuchardt & Schutte, 90 West, New York
- IN-LADE asphalt ready roofing—Amalgamated Roofing Co., 431 S. Dearborn, Chicago, Ill.
- INNER duck belting—Hettrick Bros. Co., Toledo, Ohio
- INNERTEXT waterproof belting—W. H. Salisbury & Co., 105 S. Wabash av., Chicago, Ill.
- INNOVATE lamp cord adjusters—McGill Mfg. Co., Valparaiso, Ind.
- IN POSITION cylinder re-boring—Ambrose Machine Co., Eagle & Provost, Brooklyn, N. Y.



INSECT-I-SEE insecticides—Alcatraz Co., Inc., Richmond, Va.  
 INSTANT paint & varnish remover—Perry-Austen Mfg. Co., Grasmere, S. I., N. Y.  
 INSTANTO photographic paper—Photo Products Co., 6100 S. La Salle, Chicago, Ill.  
 INSULA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York  
 INSULATE moulded heat-proof insulation—General Insulate & Machine Co., 1008 Atlantic av, Brooklyn, N. Y.  
 INSULATE telephone mouthpieces & telephone receiver shells—General Insulate & Machine Co., 1008 Atlantic av, Brooklyn, N. Y.  
 INSULITE waterproofing materials—Insulite Chemical Co., Aurora, Ill.  
 INTEGRAL waterproofing materials—Harrison Waterproofing Materials Co., 30 Church, New York  
 INTEGRITY rubber packing—Mechanical Rubber Co., Cleveland, Ohio  
 INTENSE hot air furnaces—G. J. Emeny Co., Fulton, N. Y.  
 INTERCHIL refrigerators—Syracuse Heater Co., Syracuse, N. Y.  
 INTERLAP buggy aprons—Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.  
 INTERLOCKING padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 INTERLOCKING wire stretchers—Interlocking Fence Co., Morton, Ill.  
 INTERLOX rules—Dahl Mfg. Co., 841 E. 136th, New York  
 INTERNATIONAL binder twine—International Harvester Company of America, Inc., 230 Harvester bldg., Chicago, Ill.  
 INTERNATIONAL card time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.  
 INTERNATIONAL cultivators, harrows, hay rakes, tedders, stackers, loaders, corn planters, feed grinders—International Harvester Company (Inc.), 702 Harvester bldg., Chicago, Ill.  
 INTERNATIONAL steam heaters—Luther Mfg. Co., Olean, N. Y.  
 INTERNATIONAL wire link fabric—Mattatuck Mfg. Co., Waterbury, Conn.  
 INTERNATIONAL wood pulp grinders—Friction Pulley & Machine Works, Hudson Falls, N. Y.  
 INTERNATIONAL BARONET hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL CARTON hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL COUNT hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL CUTLERY shears & scissors—Hollinger Cutlery Co., Fremont, Ohio  
 INTERNATIONAL DUKE hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL EARL hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL ECONOMY steam heaters—International Heater Co., Utica, N. Y.  
 INTERNATIONAL ONEPIPE heater furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL PRINCESS hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL STEEL FURNACE hot air furnaces—International Heater Co., Utica, N. Y.  
 INTERNATIONAL SULTAN steam heaters—International Heater Co., Utica, N. Y.  
 INTERTYPE type setting & type distributing machines—International Typesetting Machine Co., World bldg., New York  
 INTER-URBAN railway spittoons—Indiana Mfg. Co., Jeffersonville, Ind.  
 INTERURBAN trolley wheels—W. R. Garton Co., 17 S. Desplaines, Chicago, Ill.  
 IN-THE-BOTTLE milk pasteurizing machines—Loew Mfg. Co., Cleveland, Ohio  
 INTRA back saw blades—H. Boker & Co., 101 Duane, New York  
 INVADER gas heaters—Union Stove Works, 70 Beekman, New York  
 INVADER lubricating oils & greases—Invader Oil Co., 80 Broad, New York  
 IVANHOE self-hardening steel—Henry Rosell (Ltd.), 24 S. Jefferson, Chicago, Ill.  
 INVINCIBLE carving lathes—Valley City Machine Works, Grand Rapids, Mich.  
 INVINCIBLE cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 INVINCIBLE corn husking machines, grain dryers, packing machines—Invincible Grain Cleaner Co., Silver Creek, N. Y.  
 INVINCIBLE electric hair dryers—Camp Co., La Crosse, Wis.  
 INVINCIBLE elevator door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.

INVINCIBLE force feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 INVINCIBLE full automatic hosiery—Jenckes Knitting Machine Co., Pawtucket, R. I.  
 INVINCIBLE garden cultivators—Am. Fork & Hoe Co., Cleveland, Ohio  
 INVINCIBLE lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.  
 INVINCIBLE post hole diggers—F. E. Kohler Co., Canton, Ohio.  
 INVINCIBLE potato planters—H. H. Wabers Mfg. Co., Racine, Wis.  
 INVINCIBLE rock drills, hand—Ingersoll-Rand Co., 11 B'way, New York  
 INVINCIBLE rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 INVINCIBLE spark timers—C. F. Fulmer, Plainfield, N. J.  
 INVINCIBLE steam & hot water heaters—John A. Scollay (Est. of), 74 Myrtle av, Brooklyn, N. Y.  
 INVINCIBLE storage batteries—American Battery Co., 1134 Fulton, Chicago, Ill.  
 INVINCIBLE washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.  
 INVINCIBLE HELPER cotton mops—Eagle Specialty Co., Jamestown, N. Y.  
 INVINCIBLE VICTOR nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 INVISIBLE door checks & springs—Banker Mfg. Co., New Brunswick, N. J.  
 INVISIBLE mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.  
 INVISIBLE roller window screens—Invisible Roll Screen Co., East av, Long Island City, L. I.  
 INVISIBLE weather strips—Chas. A. Freeman Mfg. Co., 201 Devonshire, Boston, Mass.  
 INVISIBLE wire coat & hat hooks—E. Jencks Mfg. Co., Worcester, Mass.  
 INVISIBLE JOINT sheet metal ceilings—Milwaukee Corrugating Co., Milwaukee, Wis.  
 INVO invoice winders—Forest City Machine Co., Rockford, Ill.  
 IOLA cement—Iola Portland Cement Co., Iola, Kans.  
 IONA ventilators—Iona Ventilator Co., 2327 N. 29th, Phila., Pa.  
 IOWA barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 IOWA corn brooms—Hoag Duster Co., Monticello, Ia.  
 IOWA dusters—Hoag Duster Co., Monticello, Iowa  
 IOWA ensilage cutters—Gould Balance Valve Co., Kellogg, Ia.  
 IOWA fire hydrants—Iowa Valve Co., Oskaloosa, Ia.  
 IOWA float valves—Western Mfg. Co., Oskaloosa, Ia.  
 IOWA hay carriers—Louden Machinery Co., Fairfield, Ia.  
 IOWA lawn swings—Hay Tool Mfg. Co., Council Bluffs, Ia.  
 IOWA middle breakers—Parlin & Orendorff Co., Canton, Ill.  
 IOWA mops—Hoag Duster Co., Monticello, Ia.  
 IOWA steam heaters—Iowa Radiator Co., Cedar Rapids, Ia.  
 IOWA steam heaters—Seevers Mfg. Co., Oskaloosa, Ia.  
 IOWA stock fountains—Western Mfg. Co., Oskaloosa, Ia.  
 IOWA sweeping compounds—Hoag Duster Co., Monticello, Ia.  
 IOWA tile ditching machines—Iowa Ditching Machine Co., Mt. Pleasant, Ia.  
 IOWA truck units—Iowa Motor Truck Co., Ottumwa, Ia.  
 IOWA wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.  
 IRELAND drop forged wrenches—Page Storms Drop Forge Co., Chicopee, Mass.  
 IRELAND shingle mill machinery—Lyon Iron works, Greene, N. Y.  
 IRIS water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.  
 IRISH SILVER cordage & twine—American Mills Co., Atlanta, Ga.  
 IRON AGE agricultural implements, asparagus ridgers—Bateman Mfg. Co., Grenloch, N. J.  
 IRON CHINK fish dressing machines—Smith Cannery Machine Co., Seattle, Wash.  
 IRON CITY fibrous packing—Pittsburgh Steam Packing Co., 210 Second av, Pittsburgh, Pa.  
 IRON CLAD alarm clocks—Western Clock Co., La Salle, Ill.  
 IRON CLAD cement—Glens Falls Portland Cement Co., Glens Falls, N. Y.  
 IRON CLAD corn ear crusher mills—Robinson Mfg. Co., Muncy, Pa.  
 IRON CLAD gauge glass preservers—Sargent Co., Fisher bldg, Chicago, Ill.



- IRON CLAD grass catchers—Ney Mfg. Co., Canton, Ohio
- IRON CLAD incubators—Ironclad Incubator Co., Racine, Wis.
- IRON CLAD lamp glass chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
- IRON CLAD mortar hods—Cleveland Wire Spring Co., Cleveland, Ohio
- IRON CLAD neck yokes—A. H. Conn Mfg. Co., Cedar Rapids, Ia.
- IRON CLAD rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- IRON CLAD white & red lead—Enterprise Paint Mfg. Co., 854 W. Vanburen, Chicago, Ill.
- IRON FENCE lawn settees—Adams Company, Dubuque, Ia.
- IRON GIANT stump pullers—Milne Mfg. Co., Monmouth, Ill.
- IRONHIDE paints—Patton Paint Co., Milwaukee, Wis.
- IRON HORSE ash sifters, ash & garbage cans, oil cans, wash boilers—Rochester Can Co., Rochester, N. Y.
- IRONITE drop wires—Paragon Electric Co., 9 S. Clinton, Chicago, Ill.
- IRONITE sanitary flooring—Ironite Co., 118 N. La Salle, Chicago, Ill.
- IRON KING cultivators, fertilizer drills, fertilizer distributors—C. W. Genung, Madison, Ohio
- IRON KING tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
- IRONOX paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
- IRONSIDES belt dressing, boiler compounds—Iron-sides Co., Columbus, Ohio
- IRONSIDES rubber belting—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
- IRONWEAR rubber boots & shoes—J. E. Bates & Co., 202 Church, New York
- IROQUOIS asphalt heaters & mixers, concrete mixers, road scarifiers, sand & gravel heaters & dryers, steam road rollers—Barber Asphalt Paving Co., E. Delavan av & Belt Line, Buffalo, N. Y.
- IROQUOIS carbon paper—Corona Supply Co., Rochester, N. Y.
- IROQUOIS reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.
- IRVING vehicle washers—I. J. Smith Mfg. Co., 4241 Park av., New York
- IRVING'S Paradox inkstands & wells—Smith & Egge Mfg. Co., Bridgeport, Conn.
- IRVINGTON lineman's tools, pliers & nippers—Irvington Mfg. Co., Irvington, N. J.
- IRWIN auger bits—Jackson Mfg. Co., Jackson, Ohio
- IRWIN auger bits—Jas. Swan Co., Seymour, Conn.
- IRWIN PATTERN auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
- ISBELL frue vanners—Galigher Machinery Co., Salt Lake City, Utah
- IS BOILER PROOF Canners' inks—R. D. Swisher Mfg. Co., 411 S. Clinton, Chicago, Ill.
- ISCO caustic soda, chlorine—Isco Chemical Co., Niagara Falls, N. Y.
- ISOLATOR garbage disposal plants—Buffalo Co-operative Stove Co., Buffalo, N. Y.
- IT rat traps—Abingdon Trap Co., Abingdon, Ill.
- ITHACA fertilizer distributors—Williams Bros., Ithaca, N. Y.
- ITHACA hammer & hammerless double shot guns—Ithaca Gun Co., Ithaca, N. Y.
- IT'S A CORKER shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
- ITSA ripping knives—Harding Mfg. Co., Mansfield, Mass.
- ITSAEZIE garment hangers—F. Lewald & Co., 206 W. Adams, Chicago, Ill.
- IVENS pottery dies—W. H. & H. L. Ivens, P. O. Box 647, Trenton, N. J.
- IVER JOHNSON bicycles, motor cycles & revolvers—Johnson's Iver, Arms & Cycle Works, Fitchburg, Mass.
- IVERSON drag line excavators & drag line scraper buckets—Dobbie Foundry & Machine Co., Niagara Falls, N. Y.
- IVES bit braces, hollow augers, spoke trimmers, tap borers—W. A. Ives Mfg. Co., Wallingford, Conn.
- IVORCHROME infant sets, polish—The Arlington Co., 725-727 Broadway, New York
- IVORITE closet seats—Standard Sanitary Mfg. Co., Bessemer bldg., Pittsburgh, Pa.
- IVOROID closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av., Phila., Pa.
- IVOROID closet seats—Sanitary Specialty Co., 1824 E. Clearfield, Phila., Pa.
- IVORY celluloid covered closet seats—Standard Tank & Seat Co., Camden, N. J.
- IVORY cement plaster & wood fibre plaster—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
- IVORY-PYRALIN ivory substitutes—E. I. du Pont de Nemours & Co. (The Arlington Works), 725-27 B'way, New York
- IVORY rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
- IVY rubber hose—Bowers Rubber Works, San Francisco, Cal.
- IWAN post hole augers, hay knives, open back shovels—Iwan Bros., South Bend, Ind.
- IWANTA gas sad irons—Strause Gas Iron Co., Phila., Pa.
- IWANTA metal polish—Lincoln Fixture & Supply Co., Lincoln, Nebr.
- J. locomotive oilers—Johnson Mfg. Co., Urbana, Ohio
- J. A. J. rail bonds—Jamison Rail Bond & Elec'l Supply Co., Jenkins Arcade, Pittsburgh, Pa.
- J. A. WESTON'S fire ladders—Portland Extn. Ladder & Pole Co., 130 Orange, Newark, N. J.
- J. AMES knives—H. A. Lothrop & Co., Sharon, Mass.
- J. B. DAVIS solar transits—J. C. Ulmer Co., Cleveland, Ohio
- J. B. MILLER'S keyless locks—J. B. Miller Keyless Lock Co., Kent, Ohio
- J. B. SMITH Swiss pattern files—Nicholson File Co., Providence, R. I.
- J-E-M shade holders—J-E-M Shade Holder Co., 221 W. 33rd, New York
- J. G. globe valves—Stephens Roe Mfg. Co., Detroit, Mich.
- J. G. C. spring hinges—Coleman Hardware Co., 220 S. Michigan av., Chicago, Ill.
- J. H. automobile wind shields—Mutual Auto Accessories Co., 58 W. 65th, New York
- J. H. E. clothes lines—Estes Mills, Fall River, Mass.
- J. H. MUNKTELL'S filter paper—E. H. Sargent & Co., 143 Lake, Chicago, Ill.
- J. H. S. shock absorbers—J. H. Sager Co., Rochester, N. Y.
- J. I. C. cedar pails & buckets—St. Louis Cooperage Co., ft. of Arsenal, St. Louis, Mo.
- J. I. C. foundry pails—Richmond Cedar Works, Fulton, Richmond, Va.
- J. I. CASE stalk cutters—J. I. Case Plow Works, Racine, Wis.
- J. J. DELEHANT'S keystone die stocks—Keystone Die Stock Co., 652 W. 47th, Chicago, Ill.
- J. J. ELLIOTT English hall clocks—Harris & Harrington, 29 Park pl., New York
- J-M asbestos, magnesia & electrical products—H. W. Johns-Manville Co., Madison av & 41st, New York
- J. P. BAKELITE insulating compounds—Johns-Pratt Co., Hartford, Conn.
- J. P. harness snaps—East Bangor Mfg. Co., East Bangor, Pa.
- J. R. C. pneumatic tires—Johnstown Rubber Co., Johnstown, Pa.
- J. R. S. easy pipe cutters—Mechanicville Specialty Supply Mfg. Co., Mechanicville, N. Y.
- J. R. S. simplex lead traps, bends & ferrules—J. R. Smith & Co., Mechanicville, N. Y.
- J. SANGER knives—H. A. Lothrop & Co., Sharon, Mass.
- J. T. metal polish—J. T. Blair Co., Nashville, Tenn.
- J. VAN RUYMBEKE'S for crude & refining—Wm. F. Jobbins, Inc., Aurora, Ill.
- J-W-P & CO. sprue cutters—J. W. Paxson Co., Phila., Pa.
- J. & G. MFG. CO. carpenters' slicks & drawing knives—C. E. Jennings & Co., 71 Murray, New York
- J. & L. special tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
- JACK ANCHOR—guy anchors—W. J. Jackman, Lima, Ohio
- JACK BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
- JACK FROST ice machines—Portsmouth Engine Co., Portsmouth, Ohio
- JACK FROST ice tongs—Vaughan & Bushnell Mfg. Co., 2114 Carroll av., Chicago, Ill.
- JACK FROST water closets—A. Weiskittel & Sons Co., 12th & E. Lombard, Baltimore, Md.
- JACKET faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.
- JACKET fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- JACKET steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
- JACKHAMER rock drills—Ingersoll-Rand Co., 11 Broadway, New York
- JACKSON belt fasteners—Green, Tweed & Co., 109 Duane, New York
- JACKSON belt fasteners—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.



JACKSON belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.  
 JACKSON belt lacing machines—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.  
 JACKSON chemical nozzles—Cornelius Callahan Co., 127 Purchase, Boston, Mass.  
 JACKSON churns—W. W. Babcock Co., Bath, N. Y.  
 JACKSON concrete carts—Jackson Mfg. Co., Harrisburg, Pa.  
 JACKSON electric portable drills—Ajax Electric Tool Co., Ludington, Mich.  
 JACKSON flue scrapers—Jackson Flue Scraper Co., Jackson, Mich.  
 JACKSON fly swatters—Lubbers & Bell Mfg. Co., Clinton, Ia.  
 JACKSON grapple forks—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 JACKSON hay forks—F. E. Myers & Bro., Ashland, Ohio  
 JACKSON levels—Joseph Woodwell Co., 297 Wood, Pittsburgh, Pa.  
 JACKSON locomotive oilers—J. W. Jackson, Sharpsville, Pa.  
 JACKSON sand reels—Massey Packer & Machine Works, Butler, Pa.  
 JACKSON sugar cane strippers—American Mfg. Co., Chattanooga, Tenn.  
 JACKSON ventilating grates—Edwin A. Jackson & Bro., Inc., 50 Beekman, New York  
 JACKSON washing machines—Jackson Gas Engine Co., Jackson, Mich.  
 JACKSON wire fence machines & wire stretchers—Jackson Fence Co., Jackson, Mich.  
 JACKSTOPPER rock drills—Ingersoll-Rand Co., 11 Broadway, New York  
 JACK WILSON slide valves—American Balance Valve Co., Jersey Shore, Pa.  
 JACOBI boat hooks—C. D. Durkee & Co., 2 South, New York  
 JACOBS drill chucks—Jacobs Mfg. Co., 32 Union pl., Hartford, Conn.  
 JACOBS feed water heaters—Charles Jacobs & Co., 258 Franklin, Boston, Mass.  
 JACOBS grease cups—Lindholm Metal Stamping Co., Camden, N. J.  
 JACOBS mitre boxes—M. W. Robinson Co., 88 White, New York  
 JACOBSON automobile wind shields—Jacobson Bros., 254 Central, Newark, N. J.  
 JACOBS-SHUPERT locomotive fire boxes—Jacobs-Shupert United States Firebox Co., 30 Church, New York  
 JACQUES lathe tools—Billings & Spencer Co., Hartford, Conn.  
 JAEGER decorative electric lighting—Elux Miniature Lamp Division, 16 E. 40th, New York  
 JAEGER-KENY concrete building block machinery—Jaeger Machine Co., Columbus, Ohio  
 JA-GA-BI head tachometers—James G. Biddle, 1211 Arch, Phila., Pa.  
 JAHN steam engine governors—Massey Machine Co., Watertown, N. Y.  
 JAMBO hot water radiator valves—Alonzo H. Magee, 136 Beekman, New York  
 JAMES harrows & pulverizers—Janesville Machine Co., Janesville, Wis.  
 JAMES iron fillers—Patton Paint Co., Milwaukee, Wis.  
 JAMES steel stable fixtures—James Mfg. Co., Fort Atkinson, Wis.  
 JAMES & GRAHAM farm wagons—James & Graham Wagon Co., Memphis, Tenn.  
 JAMESTOWN metal screens—Jamestown Metal Screen Co., Jamestown, N. Y.  
 JANDA-GUM substitutes—Jas. W. Jacob & Allison, 18 Cedar, New York  
 JANDUS electric ceiling fans—Adams-Bagnall Electric Co., Cleveland, Ohio  
 JANDUS LUXOLABORA lamp posts—Adams-Bagnall Electric Co., Cleveland, Ohio  
 JANESVILLE hay carriers—Strickler Hay Tool Co., Janesville, Wis.  
 JANESVILLE riding lists—Janesville Machine Co., Janesville, Wis.  
 JANET kitchen enamel ware—John Dunlap Co., Gregg, Pittsburgh, Pa.  
 JANEWAY gas works apparatus—Phoenix Gas & Improvement Co., Harrison bldg, Phila., Pa.  
 JANITOR mop sticks & holders—T. J. Ely Mfg. Co., Erie, Pa.  
 JANNEY car couplers—McConway & Torley Co., Pittsburgh, Pa.  
 JANOS sheet packing—Feodor Burgmann, 26 Courtland, New York  
 JANSSEN belt sanding machines—Curtis Machine Corp., Jamestown, N. Y.  
 JAP riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio

JAP-A-LAC paints & varnish—Glidden Varnish Co., Cleveland, Ohio  
 JAPANESE furniture polish—World Polish Mfg. Co., York, Pa.  
 JAPANESE lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 JAPANESE linen ledger paper—Crane Bros., Westfield, Mass.  
 JAPOLA furniture polish—Black Cat Polish Co., 34 Washington, Buffalo, N. Y.  
 JARDINE fireplace dampers—Walter S. Jardine & Sons Co., 85 Haverhill, Boston, Mass.  
 JARECKI pipe tongs, pipe vises, screw plates, valve and service boxes—Jarecki Mfg. Co., Erie, Pa.  
 JARRELL hand power punch & shear—Clark Foundry Co., Rumford, Me.  
 JARVIS ball drive tapping attachments—Charles L. Jarvis Co., Gildersleeve, Conn.  
 JARVIS feed carriers—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 JARVIS garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 JARVIS hay carriers—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 JARVIS pumps—Jarvis Engine & Machine Works, Lansing, Mich.  
 JARVIS safety water columns—Jarvis Engine & Machine Works, Lansing, Mich.  
 JASON fly swatters—J. B. Timberlake & Sons, Jackson, Mich.  
 JASPER wall plaster—Fowler & Pay, Mankato, Minn.  
 JAX chemical engine nose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 JAXON lamp brackets—J. D. Timberlake & Sons, Jackson, Mich.  
 JAXON potato bakers—Timberlake, J. B. & Sons, Jackson, Mich.  
 JAYHAWK corrugated paper—Lawrence Paper Co., 151 Spring, New York  
 JAYHAWK corrugated paper & paper boxes—Lawrence Paper Mfg. Co., Lawrence, Kan.  
 JAYHAWK folding paper boxes—Lawrence Paper Mfg. Co., Lawrence, Kan.  
 JAYHAWK hay stackers & sweep rakes—F. Wyatt Mfg. Co., Salina, Kan.  
 JAYHAWK road scrapers—F. Wyatt Mfg. Co., Salina, Kan.  
 JAYNES fixture insulating joints—Trumbull Electric Mfg. Co., Plainville, Conn.  
 JAYSEDEE insulating varnishes—John C. Dolph & Co., 178 Emmett, Newark, N. J.  
 JEFFERIS metallic lockers & steel factory bins—Richard W. Jefferis Co., Camden, N. J.  
 JEFFERSON farm wagons—Vaughn Mfg. Co., Jefferson, Wis.  
 JEFFERSON motor cycles—Waverly Mfg. Co., Jefferson, Wis.  
 JEFFERSON sash cords—J. E. Fricke Co., 253 Market, Phila., Pa.  
 JEFFREY elevating, conveying & power transmission machinery—Jeffrey Mfg. Co., Columbus, Ohio  
 JEFFREY'S marine glue—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.  
 JEFFREY'S WATERPROOF LIQUID glue—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.  
 JELLITAS powdered paste—Arthur S. Hoyt Co., 90 W. Broadway, New York  
 JEM junction boxes—Barlow Foundry Co., 551 R. R. av, Newark, N. J.  
 JENA gauge glasses—Diamond Specialty Supply Co., Harrison bldg., Phila., Pa.  
 JENARCO packing & gaskets—Jenkins Bros., 82 White, New York  
 JENKINS DISC radiator corner valves—Buckeye Iron & Brass Works, Dayton, Ohio  
 JENKINS DISC radiator valves—Capitol Brass Works, Detroit, Mich.  
 JENKINS sewage ejectors—Jenkins Mfg. Co., 20 Vesey, New York  
 JENKINS specific gravity apparatus—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.  
 JENKINS valves & packing—Jenkins Bros., 82 White, New York  
 JENKS electric lanterns—Jenks Lantern Co., 208 N. 5th av, Chicago, Ill.  
 JENKS window springs—Stanley Works, New Britain, Conn.  
 JENNE pattern jacks—Joyce-Cridland Co., Dayton, Ohio  
 JENNE track jacks—Crae, Adams & Co., 259 E. Erie, Chicago, Ill.  
 JENNEY variable speed motors—American Rotary Valve Co., Anderson, Ind.  
 JENNINGS auger bits—Jas. Swan Co., Seymour, Conn.  
 JENNINGS pumps & dredges—Jennings Pump & Dredge Co., 305 N. Michigan av, Chicago, Ill.



- JENNINGS steam separators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
- JENNINGS wood bits—Jas. Swan Co., Seymour, Conn.
- JENNINGS wood boring tools—Connecticut Valley Mfg. Co., Centerbrook, Conn.
- JENNISON water cooling towers—International Steam Engineering Co., Atlanta, Ga.
- JENNY electric motors, buffing lathes—Arvac Mfg. Co., Anderson, Ind.
- JENNY LIND stone polishing machinery—Concord Axle Co., Penacook, N. H.
- JENNY LIND stone polishing machinery—St. Cloud Iron Works Co., St. Cloud, Minn.
- JENSEN automobile jacks—St. Charles Specialty Mfg. Co., St. Charles, Ill.
- JENSEN ripeners & pasteurizers—J. C. Cherry Co., Cedar Rapids, Ia.
- JENSEN tire air pumps—St. Charles Specialty Mfg. Co., St. Charles, Ill.
- JENSEN'S can filling machines—Seattle-Astoria Iron Works, Seattle, Wash.
- JERGENS hand soap—Andrew Jergens Co., 599 B'way, New York
- JERGUSON gauge glasses & water gauges—Jerguson Gage & Valve Co., 88 Broad, Boston, Mass.
- JERICHO automobile horns—Randall-Faichney Co., Boston, Mass.
- JERICO sledges—John Ernsdorff Iron Co., Dubuque, Ia.
- JEROME packing—Imperial Iron Works, Duluth, Minn.
- JEROME packing—Jerome-Edwards Metallic Packing Co., 80 E. Jackson blvd., Chicago, Ill.
- JERREMS garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- JERSEY bench vises—Stanley Rule & Level Co., New Britain, Conn.
- JERSEY electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- JERSEY poultry netting—New Jersey Wire Cloth Co., Trenton, N. J.
- JERSEY QUEEN can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
- JESCA automobile engine starters—Roth Bros. & Co., 1418 W. Adams, Chicago, Ill.
- JESCO metal polish—J. Eavenson & Son, Camden, N. J.
- JESOMINE rubber hose—Bowers rubber works, San Francisco, Cal.
- JESSOP'S tool steel—Wm. Jessop & Sons (Inc.), 91 John, New York
- JET black paints—Great Lakes Refining Co., Cleveland, Ohio
- JET oil shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
- JET-LAC air drying enamels—Hall-Thompson Co., Hartford, Conn.
- JEWEL bath water heaters—American Stove Co., St. Louis, Mo.
- JEWEL bath water heaters—Geo. M. Clark & Co., 179 Michigan av, Chicago, Ill.
- JEWEL combination water closets—Bowlus Mfg. Co., Springfield, Ohio
- JEWEL garden plows—Towers & Sullivan Mfg. Co., Rome, Ga.
- JEWEL glassine paper—Warren Mfg. Co., 233 Broadway, New York
- JEWEL harrows—South Bend Chilled Plow Co., South Bend, Ind.
- JEWEL paint & varnish remover—Wadsworth-Howland Co., 225 N. Carpenter, Chicago, Ill.
- JEWEL riding listers—Kingman Plow Co., Peoria, Ill.
- JEWEL rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio
- JEWEL rural mail boxes—Peck-Hamre Mfg. Co., Berlin, Wis.
- JEWEL sickle grinders—Chicago Wheel & Mfg. Co., Chicago, Ill.
- JEWEL stoves, ranges, furnaces—Detroit Stove Works, Detroit, Mich.
- JEWEL sweeping compounds—Jewel Mfg. Co., 2863 W. 22d, Chicago, Ill.
- JEWEL vertical engines—C. H. Dutton Co., Kalamazoo, Mich.
- JEWELER hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
- JEWELL ammeters & voltmeters—Jewell Electrical Instrument Co., 810 W. Lake, Chicago, Ill.
- JEWELL barn door latches—Peck-Hamre Mfg. Co., Berlin, Wis.
- JEWELL boiler compounds—Jewell Engineering Co., Monadnock blk, Chicago, Ill.
- JEWELL corn & cob mills—Duplex Mfg. Co., Superior, Wis.
- JEWELL garden cultivators—South Bend Chilled Plow Co., South Bend, Ind.
- JEWELL gas stoves, gas heaters—American Stove Co., St. Louis, Mo.
- JEWELL gas stoves, gas radiators & sad iron heaters—Geo. M. Clark & Co., 179 N. Michigan av, Chicago, Ill.
- JEWELL gasoline blow torches—Turner Brass Works, Sycamore, Ill.
- JEWELL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- JEWELL hay carriers—Louden Machinery Co., Fairfield, Ia.
- JEWELL kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.
- JEWELL mica plugs—Pittsfield Spark Coil Co., Pittsfield, Mass.
- JEWELL radiator valves—Kelly & Jones Co., Pittsborough, Pa.
- JEWELL seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
- JEWETT asbestos packing—Johns H. W.-Manville Co., Mad. av & 41st, New York
- JEWETT car gates & guards—Jewett Car Co., Newark, Ohio
- JEWETT furniture polish—Wadsworth-Howland Co., 225 N. Carpenter, Chicago, Ill.
- JEWETT kitchen enameled ware—Jewett Stamping & Enameling Co., Jewett, Ohio
- JEWETT stoves & stove polish—Jewett & Co., Buffalo, N. Y.
- JEWETT truck units—Jewett Car Co., Newark, Ohio.
- JEWETT water coolers—Buffalo Mfg. Co., Buffalo, N. Y.
- JEWETT white enameled strainers—Jewett Stamping & Enameling Co., Jewett, Ohio
- JIAN'T bean harvesters & cultivators—Donaldson Bros., Mt. Clemens, Mich.
- JIFFY fire hose racks—Jiffy Fire Hose Rack Co., 727 7th av, New York
- JIFFY package sealing machines—Anthony Eisler & Co., 227 Canal, New York
- JIFFY paper clips—L. F. Grammes & Sons, Allentown, Pa.
- JIFFY screen door hinges—Rock City Mfg. Co., Wabash, Ind.
- JIFFY storm sash hangers—Rock City Mfg. Co., Wabash, Ind.
- JIM CROW rail benders—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
- JIM CROW rail benders—Buda Co., Railway Exchange bldg, Chicago, Ill.
- JIM CROW rail benders—Pittsburgh Trolley Pole & Forge Co., 117 Water, Pittsburgh, Pa.
- JIM CROW rail benders—Union Drop Forge Co., 358 W. Grand, Chicago, Ill.
- JIM DANDY bicycle lamps—Plume & Atwood Mfg. Co., Waterbury, Conn.
- JIM DANDY dressing & belt lacing—Pechin belting Co., 700 N. Front, Phila., Pa.
- JITNEY automobile bells—Frank Mossberg Co., Attleboro, Mass.
- JOB cotton seed hullers—French Oil Mill Machinery Co., Piqua, Ohio
- JOCKEY horse brushes—Standard Brush Co., New Hartford, Conn.
- JOCKY neck yokes—C. Prouty & Co., Eldred, Pa.
- JOE'S friction clutches & reversing marine gears—Snow & Petrelli Mfg. Co., New Haven, Conn.
- JOHN DEERE agricultural implements, harrow carts—Deere & Co., Moline, Ill.
- JOHN GLOVER steam traps—Glover Bros., Paul & Vandyke, Philadelphia, Pa.
- JOHN J. CLARK'S spool cotton threads—Blodgett & Orswell Co., Pawtucket, R. I.
- JOHN NICHOL'S harness awls—John Thornton, Jr., 108 Worth, New York
- JOHN O'LAUGHLIN'S cylindrical screens—Johnston & Chapman Co., 2925 Carroll av, Chicago, Ill.
- JNO. WILSON'S butchers' knives—H. Boker & Co., 101 Duane, New York
- JOHNNY BOY gasoline engines—Associated Mfrs. Co., Waterloo, Iowa.
- JOHNS rectifiers—Clark Electric Meter Co., 215 S. Clinton, Chicago, Ill.
- JOHNSON bilge pumps—National Mfg. Co., Worcester, Mass.
- JOHNSON coin counting machines—Johnson Coin Counting Machine Co., 239 4th av, New York
- JOHNSON cutting-off tools—Pratt & Whitney Co., Hartford, Conn.
- JOHNSON fanning mills—Belcher & Taylor Agric. Tool Co., Chicopee Falls, Mass.
- JOHNSON fare boxes—Johnson Fare Box Co., 236 S. Robey, Chicago, Ill.
- JOHNSON friction & gas engine clutches—Johnson Carlyle Machine Co., Manchester, Conn.



JOHNSON fuel oil burners—S. T. Johnson Co., 1334 Mission, San Francisco, Cal.  
 JOHNSON hopper doors—Industrial Supply & Equipment Co., 407 Samson, Phila., Pa.  
 JOHNSON Marathon coal crushers—Johnson Engineering Works, 38 S. Dearborn, Chicago, Ill.  
 JOHNSON marking gauges—E. P. Johnson Rule Mfg. Co., 565 Washington blvd, Chicago, Ill.  
 JOHNSON road oilers—Wm. F. Irish Elec. Supplies, 19 W. 36th, New York  
 JOHNSON safety shafting collars—Patterson, Gottfried & Hunter (Ltd.), 211 Centre, New York  
 JOHNSON tackle boxes—Merriam Mfg. Co., Durham, Conn.  
 JOHNSON trayless fishing tackle boxes—Marion Mfg. Co., Durham, Conn.  
 JOHNSON well screens—E. E. Johnson, St. Paul, Minn.  
 JOHNSON'S duck decoys—Wm. R. Johnson, Seattle, Wash.  
 JOHNSON'S electric solvo paint & varnish remover—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.  
 JOHNSON'S floor finish—S. C. Johnson & Son, Racine, Wis.  
 JOHNSON'S fuel oil—S. T. Johnson Co., 1334 Mission, San Francisco, Cal.  
 JOHNSON'S packing & gum gaskets—H. Johnson Co., ft. Gates av, Jersey City, N. J.  
 JOHNSON TRAYLESS fishing tackle boxes—Merriam Mfg. Co., Durham, Conn.  
 JOHNSTON cloth dryers—Utica Novelty & Mill Specialty Co., Utica, N. Y.  
 JOHNSTON corn binders, mowers, reapers, binder covers—Johnstown Harvester Co., Batavia, N. Y.  
 JOHNSTON pipe wrenches—F. Pfeifer, 97 Reade, New York  
 JOHNSTON road oilers—Standard Mfg. Co., Worcester, Mass.  
 JOHNSTON steam traps—Wm. T. Johnston Co., 3rd & Vine, Cincinnati, Ohio  
 JOHNSTONE blow-off valves—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.  
 JOINTITE pipe joint cements—Pacific Flush Tank Co., 108 S. La Salle, Chicago, Ill.  
 JOINTITE pipe joint compounds—Marbleoid Co., 47 W. 34th, New York  
 JOKER clasps key rings—Browne & Dowd Mfg. Co., Meriden, Conn.  
 JOLLY cooking stoves—Odin Stove Mfg. Co., Erie, Pa.  
 JOMANCO asphalt tape—H. W. Johns-Manville Co., Madison av & 41st, New York  
 JONES accident preventers for machinery—Lockhart-Hodge Co., 12 W. B'way, Buffalo, N. Y.  
 JONES belt fasteners—Greene, Tweed & Co., 109 Duane, New York  
 JONES belt fasteners—Jewell Belting Co., Hartford, Conn.  
 JONES car doors & fittings—Jones Car Door Co., Monadnock blk, Chicago, Ill.  
 JONES cold storage doors—Jamison Cold Storage Door Co., Hagerstown, Md.  
 JONES end cutting nippers—Eli Jones & Sons, Luverne, Minn.  
 JONES flexible couplings—W. A. Jones Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.  
 JONES harness snaps—Frazer & Jones Co., Syracuse, N. Y.  
 JONES hoof parers—Eli Jones & Sons, Luverne, Minn.  
 JONES improved loose leaf devices—Wilson, Jones Loose Leaf Co., 3020 Carroll av, Chicago, Ill.  
 JONES jet photometers—Connelly Iron Sponge & Governor Co., 227 Fulton, New York  
 JONES light switchboards—Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.  
 JONES machinery guards & safety devices—Acme Guard Co., 150 Nassau, New York  
 JONES machinery guards & safety devices—Lockhart-Hodge Co., Inc., White bldg, Buffalo, N. Y.  
 JONES mine racket drills—Jones Machine Co., Chattanooga, Tenn.  
 JONES minnow buckets—Deshler Mail Box Co., Deshler, Ohio  
 JONES ore samplers—Denver Fire Clay Co., Denver, Colo.  
 JONES peerless car doors & fittings—Jones Car Door Co., Monadnock blk, Chicago, Ill.  
 JONES pipe hangers—Kelly & Jones Co., Pittsburgh, Pa.  
 JONES pneumatic signals—American Safety Lamp & Mine Co., Scranton, Pa.  
 JONES portable grain elevators—Fremont Mfg. Co., Fremont, Neb.  
 JONES speedometers—Jones Speedometer Co., 32 33rd, Brooklyn, N. Y.  
 JONES steam traps—Glover Bros., Paul & Vandyke, Philadelphia, Pa.

JONES underfeed mechanical stokers—Under Feed Stoker Co., 111 W. Monroe, Chicago, Ill.  
 JONES ventilating registers—U. S. Register Co., Ltd., Battle Creek, Mich.  
 JORGENSON adjustable screw clamps—Adjustable Clamp Co., 216 N. Jefferson, Chicago, Ill.  
 JOSEPH grease cups—Lindholm Metal Stamping Co., Camden, N. J.  
 JOSEPH JEFFERSON fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.  
 JOSEPH SYKES BROS. card clothing—Leigh & Butler, 232 Summer, Boston, Mass.  
 JOSLIN time stamps—A. D. Joslin Mfg. Co., 223 W. Erie, Chicago, Ill.  
 JOST-HORN switches—Frank W. Morse, 293 Congress, Boston, Mass.  
 JOVE fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York  
 JOY can openers—Beveridge Mfg. Co., Baltimore, Md.  
 JOY pneumatic hose couplings—H. D. Edwards Co., Detroit, Mich.  
 JUBILEE automobile horns—Randall-Faichney Co., Boston, Mass.  
 JUBILEE hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
 JUDSEN rubber horse shoe pads—Carl A. Jutsen, 214 W. Erie, Chicago, Ill.  
 JUMBO air valves, floor & ceiling plates—Magee Valve Co., 105 Beekman, New York  
 JUMBO beam clamps, pipe hangers, radiator & float valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.  
 JUMBO box board machines—Peter Gerlach Co., Cleveland, Ohio  
 JUMBO coal breaker machinery—Roberts & Schaefer Co., McCormick bldg, Chicago, Ill.  
 JUMBO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 JUMBO feed grinding mills—Wolf Co., Chambersburg, Pa.  
 JUMBO garden rakes—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 JUMBO gas engines—Harrison Machine Works, Belleville, Ill.  
 JUMBO gas engines—Nelson Bros. Co., Saginaw, Mich.  
 JUMBO glass insulators—Brookfield Glass Co., 2 Rector, New York  
 JUMBO ice shavers, ice cube cutting machines—Reinhold Mfg. Co., Detroit, Mich.  
 JUMBO insect guns—Thos. W. Houchin Co., 38 E. 21st, New York  
 JUMBO insecticide dusters—Leggett & Bro., 301 Pearl, New York  
 JUMBO nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 JUMBO natural gas burners—D. M. Steward Mfg. Co., Chattanooga, Tenn.  
 JUMBO oil & grease guns—E. Edelman & Co., 369 Ohio, Chicago, Ill.  
 JUMBO potato sprayers—Leggett & Bro., 301 Pearl, New York  
 JUMBO steam engines—Harrison Machine Works, Belleville, Ill.  
 JUMBO steam engines—Superior Shipbuilding Co., Superior, Wis.  
 JUMBO stump pullers—C. D. Edwards, Albert Lea, Minn.  
 JUMBO tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.  
 JUMBO well buckets—Richmond Cedar Works, Richmond, Va.  
 JUMBO WHEEL toys, games & novelties—Geo. H. Bowman Co., 224 Euclid av, Cleveland, Ohio  
 JUMPHLANE spark coils—Autocoil Co., 136 7th, Jersey City, N. J.  
 JUNGARD harness buckles—North & Judd Mfg. Co., New Britain, Conn.  
 JUNIATA babbitt metal—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.  
 JUNIOR adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.  
 JUNIOR basin cocks—Allyne Brass Foundry Co., Detroit, Mich.  
 JUNIOR canvas stitched belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 JUNIOR convertible roadster wagon—Buffalo Sled Co., N. Tonawanda, N. Y.  
 JUNIOR empire barrel spray pumps—Field Force Pump Co., Elmira, N. Y.  
 JUNIOR engine lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 JUNIOR gang saw edgers—American Sawmill Machinery Co., Hackettstown, N. J.  
 JUNIOR incandescent gas mantles—Eclipse Light Co., 583 B'way, New York  
 JUNIOR lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio



- JUNIOR leader potato sprayer pumps—Field Pump Co., Columbus, Ohio
- JUNIOR lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- JUNIOR monarch hay presses—Junior Monarch Hay Press Co., San Leandro, Cal.
- JUNIOR steam heaters—Herbert Boiler Co., 140 Root, Chicago, Ill.
- JUNIOR steam heaters—Pittsburgh Water Heater Co., 610 Columbia Bank bldg, Pittsburgh, Pa.
- JR. GASOMETER indicators—Ritz-Woller Oliver Co., 166 W. Lake, Chicago, Ill.
- JUNITA steel toe-calks—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- JUNKERS calorimeters—American Meter Co., 11th av & 47th, New York
- JUNO battery motors—Davis Kendrick Co., Lebanon, N. H.
- JUNO rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
- JUPITER flaming arc lamps—Felix Hamburger, 215 4th av, New York
- JUPITER metal polish—Chemi Co., 715 E. Main, Richmond, Va.
- JUPITER padlock locks—U. S. Lock & H'dwe Co., Columbia, Pa.
- JUPITER rubber packing—Mechanical Rubber Co., Cleveland, Ohio
- JUPITER traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio
- JUST RIGHT metallic shingles—Moeschl-Edwards Corrugating Co., Covington, Ky.
- JUST-THE-THING fruit strainers—Tate Mfg. Co., 48 Hanover, Boston, Mass.
- JUSTICE brick dryers—Manufacturers Equipment Co., Dayton, Ohio
- JUSTICE power hammers, spike pullers—Philip S. Justice & Co., 421 Chestnut, Phila., Pa.
- JUSTRITE ash & garbage cans, acetylene mine lamps & fire extinguishers—Justrite Mfg. Co., 2061 Southport av, Chicago, Ill.
- JUSTRITE plow blade sharpeners—Strite Governor Pulley Co., Minneapolis, Minn.
- JYPCO electric gas lighting burners—Jno. Y. Parke & Co., 127 N. 7th, Phila., Pa.
- K. adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.
- K. B. crown crucible clays—Anthony Meng & Co., 17 S. Silent, Phila., Pa.
- K. B. & S. cement—Balfour Guthrie & Co., San Francisco, Cal.
- K. C. gas engines—Kansas City Hay Press Co., Kansas City, Mo.
- K.-D. electro plating dynamos, jewelers' counterbores, medical batteries—Kendrick-Davis Co., Lebanon, N. H.
- K. D. feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
- K.-D. galvanized iron tanks, iron flumes—Harry Bros. Co., New Orleans, La.
- K. E. electric fuses—Kirkman Engineering Corp., 173 Lafayette, New York
- K. K. weatherproof wire—American Brass Co., Waterbury, Conn.
- K.-K. x-ray apparatus—Kelley-Koett Mfg. Co., Covington, Ky.
- K. M. C. steam heaters—International Heater Co., 1933 Wentworth av, Chicago, Ill.
- K-P piston rings—Keys Piston Ring Co., 3049 Olive, St. Louis, Mo.
- K.-T. tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.
- K-V check valves—Max Machine Co., Clinton, Mass.
- K. V. A. transformer for moving picture lamps—J. H. Hallberg, 1604 B'way, New York
- K-W electric rosettes—Bryant Electric Co., Bridgeport, Conn.
- K. W. fuse rosettes—Arrow Electric Co., Hartford, Conn.
- K. W. incandescent cut-outs—H. T. Paiste, Arch & 32nd, Phila., Pa.
- K. & B. wrenches, linemen's climbers, hand vises, tack hammers—Kilborn & Bishop Co., New Haven, Conn.
- K. & C. cement—Union Sand & Material Co., International Life bldg., St. Louis, Mo.
- K. & D. screw drivers—Neil & Smith Electric Tool Co., 120 E. 6th, Cincinnati, Ohio
- K. & D. screw drivers, battery motors, gas igniters, jewelers' vises—Kendrick-Davis Co., Lebanon, N. H.
- K. & H. portable grain elevators—King & Hamilton Co., Ottawa, Ill.
- K. & J. air dump cars, garden barrows—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
- K. & J. expansion joints, chime whistles, valves—Kelly & Jones Co., Pittsburgh, Pa.
- K. & M. valves—Kinsey & Mahler Co., Peoria, Ill.
- K. & P. glaziers' putty—Kent & Purdy Paint Co., 11th & Mullanphy, St. Louis, Mo.
- K. & R. tire upsetters—Kane & Roach, Syracuse, N. Y.
- K. & T. valves, pressure regulators, pump governors, steam traps—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
- KABLAK insulating cloth, paper, tape—Mica Insulator Co., 68 Church, New York
- KAESTNER malt mills—Kaestner & Hecht Co., Harrison & Throop, Chicago, Ill.
- KA-HA-CO automobile horns—Kales-Haskel Co., Detroit, Mich.
- KAHLENBERG kerosene oil engines—Kahlenberg Bros. Co., Two Rivers, Wis.
- KAHN concrete inserts, post caps & bases—Trussed Concrete Steel Co., Detroit, Mich.
- KAISER farm boilers—Bovee Furnace Works, Waterloo, Ia.
- KAISER hydrants—Rumsey Pump Co., Ltd., Seneca Falls, N. Y.
- KAISER metal polish—Borsum Bros., 227 Fulton, New York
- KALAMAZOO gas ranges—Kalamazoo Stove Co., Kalamazoo, Mich.
- KALAMAZOO hand car wheels—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
- KALAMAZOO hoes—Union Fork & Hoe Co., Columbus, Ohio
- KALAMAZOO sickle grinders—Kalamazoo Tank & Silo Co., Kalamazoo, Mich.
- KALAMAZOO trolley harps & wheels—Star Brass Works, Kalamazoo, Mich.
- KALLIGRAINE transfer graining paper—Emil Majert Co., 9 E. 37th, New York
- KALLOITE wall plaster—Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
- KALORIC sheet packing—Quaker City Rubber Co., 629 Market, Phila., Pa.
- KAMAH automobile wind shields—Stewart-Carey Glass Co., Indianapolis, Ind.
- KAMBRO set-in-rubber brushes—Kample Bros., 330 Atlantic av, Brooklyn, N. Y.
- KAMLEE automobile trunks—Kamlee Co., Milwaukee, Wis.
- KAMP-IT mackinaws—Bird, Jones & Kenyon, Utica, N. Y.
- KAMP KOMFORT heaters & stoves—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- KAMP KOOK'S KITS cooking outfits—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- KANAWHA chemical fire engines—James Boyd & Bro., 25th & Wharton, Phila., Pa.
- KANAWHA chloride of calcium—Jno. Q. Dickinson & Co., Malden, W. Va.
- KANAWHA mine ventilating fans—South Side Foundry & Machine Works, Charleston, W. Va.
- KANE pipe hangers—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.
- KANGAROO animal & game traps—Triumph Trap Co., Oneida, N. Y.
- KANGAROO hand cars—Kangaroo Mfg. Co., 25 E. Washington, Chicago, Ill.
- KAN KUT can openers—Schatz Mfg. Co., North Poughkeepsie, N. Y.
- KANSAS CYCLONE blacksmiths' bellows—Thos. A. Clark, 5783 Side av, N. W., Cleveland, Ohio
- KANT scratch fly swatters—Andrews Wire & Iron Works, Rockford, Ill.
- KANTBEBEAT dry core compounds—S. Obermayer Co., 2563 W. 18th, Cincinnati, Ohio
- KANT BLO automobile reliners—Hampton Mfg. Co., Indianapolis, Ind.
- KANT-BLO-OFF tube cleaners—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio
- KANTKINK flexible metallic hose—Goodyear Tire & Rubber Co., Akron, Ohio
- KANT-KOROD paints—Pyramid Paint Co., 133 N. 22nd, Phila., Pa.
- KANT-LEAK copper floats—Wolverine Brass Works, Grand Rapids, Mich.
- KANT LEEK oil storage tanks—Milwaukee Tank Works, 156 Clinton, Milwaukee, Wis.
- KANTPICK sash locks—Frank E. Smith Metal Window Hardware Co., 81 Clay, Newark, N. J.
- KANTSLIP adjustable screw clamps hand screws, pulley covering—Kantslip Co., Freeport, Mich.
- KANTSPLIT valve wheels—Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
- KANT-SUCK calf weaners—Imperial Bit & Snap Co., Racine, Wis.
- KANT SUK calf weaners—Wagner Specialty Co., Burlington, Wis.
- KAPAK elaterite roofing—Raven Mining Co., of Utah, Marquette, bldg., Chicago, Ill.



KAPPA incandescent cut-outs—Trumbull Electric Mfg. Co., Plainville, Conn.  
 KARADAM hatchets—North Wayne Tool Co., Hallowsell, Me.  
 KARBO disinfectants—Alcatraz Co., Inc., Richmond, Va.  
 KARBO sickle grinders—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 KARBOL wood preservatives—L. Sonneborn Sons, 262 Pearl, New York  
 KARBOLITH sanitary flooring—American Mason Safety Tread Co., Lowell, Mass.  
 KARBONITE sheet packing—New York Belting & Packing Co., 91 Chambers, New York  
 KARBON KOTE carbon paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.  
 KARGES farm wagons—Karges Wagon Co., Evansville, Ind.  
 KARSLINE incandescent lamp coloring—Pacific Electric Co., La Crosse, Wis.  
 KASENIT case hardening compounds—Kasenit Co., 11 Water, New York  
 KASS car steps—Acme Supply Co., 28 E. Jackson blvd, Chicago, Ill.  
 KATYDID garden cultivators—J. I. Case Plow Works, Racine, Wis.  
 KATZ floor hinges—Lawson Mfg. Co., 230 W. Superior, Chicago, Ill.  
 K-A-U-R-I varnish—Booden & Son, 243 N. 9th, Brooklyn, N. Y.  
 KAWNEER steel mouldings, metallic window frame & sash rolled steel windows—Kawneer Mfg. Co., Niles, Mich.  
 KAZOO automobile jacks—National-Standard Co., Box 211, Niles, Mich.  
 KEANE PAT'N mop sticks & holders—T. J. Ely Mfg. Co., Erie, Pa.  
 KEARNEY & FOOT Swiss pattern files—Nicholson File Co., Providence, R. I.  
 KEARSARGE asbestos-metallic packing—H. W. Johns Manville Co., Mad. av & 41st, New York  
 KECO steel measuring tapes—Keuffel & Esser, Hoboken, N. J.  
 KEELER water tube boilers, steam & hot water heaters—E. Keeler Co., Williamsport, Pa.  
 KEE LOX carbon paper & typewriter ribbons—Kee Lox Mfg. Co., Rochester, N. Y.  
 KEENE'S Windsor asbestos cements—J. B. King & Co., 17 State, New York  
 KEEN KUTTER razors, pocket knives—Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.  
 KEEN O can openers, ice chisels—N. G. Browne Mfg. Co., Kingston, N. Y.  
 KEENOH razor stropers—Keenoh Co., 82 First, Detroit, Mich.  
 KEEPDRY cloth lined waterproof wrapping—Angier Mills, Ashland, Mass.  
 KEEP KOOL cutting & drilling compounds—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio  
 KEETITE packing—Crandall Packing Co., Palmyra, N. Y.  
 KEES furnace regulators, metal building corners—F. D. Kees Mfg. Co., Beatrice, Nebr.  
 KEES-GOSSETT storm sash hangers—F. D. Kees Mfg. Co., Beatrice, Neb.  
 KEGLER chain pumps—Ferguson Mfg. Co., Dubuque, Ia.  
 KEITH combination heaters—Keith Furnace Co., Des Moines, Ia.  
 KEITH sanitary drinking fountains—L. E. Knott Apparatus Co., 15 Harcourt, Boston, Mass.  
 KEITH'S BOSTON BUBBLER drinking fountains—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.  
 KELCO foundry facings—T. P. Kelly & Co., Inc., 355 W. 26th, New York  
 KELCO graphite, boiler compounds—Kelly Graphite Mills, 355 W. 26th, New York  
 KELLASTONE sanitary flooring—U. S. Kellastone Co., Chicago, Ill.  
 KELLASTONE sanitary flooring & stucco—National Kellastone Co., 5 S. Wabash av, Chicago, Ill.  
 KELLER assay balances—G. P. Keller, Salt Lake City, Utah.  
 KELLER axle cutters, farm wagons, lawn swings, pipe cutters—Keller Mfg. Co., Minneapolis, Minn.  
 KELLER pneumatic heading, chipping & calking & rivetting hammers; drills; pneumatic pile drivers, sand reamers, scaling hammers, stone carving & cutters' tools, stone surfacing & wood boring machines—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.  
 KELLERMAN chain tongs—Union Tool Co., Los Angeles, Cal.  
 KELLEY brake jaws & brake forks—Dayton Malleable Iron Co., Dayton, Ohio

KELLEY routing machines—Kelley Electric Machine Co., Buffalo, N. Y.  
 KELLOGG pipe sleeves—New Brunswick Iron Works, 9 Water, New Brunswick, N. J.  
 KELLUM damper regulators—Hess & Barker, 605 Sansom, Phila., Pa.  
 KELLY carpet vises—C. S. Osborne & Co., Harrison N. J.  
 KELLY corn & cob mills, feed grinding mills—Duplex Mill & Mfg. Co., Springfield, Ohio  
 KELLY filter presses—Kelly Filter Press Co., Salt Lake City, Utah  
 KELLY, Jr. hollow augers—House Cold Tire Setter Co., 220 S. 3rd, St. Louis, Mo.  
 KELLY lubricators—Crosby Steam Gage & Valve Co., 40 Central, Boston, Mass.  
 KELLY pipe couplings—Kelly & Jones Co., Pittsburgh, Pa.  
 KELLY reamers & boring tools—Kelly Reamer Co., 1553 Columbus rd, Cleveland, Ohio.  
 KELLY water closets, stop & waste cocks—Thos. Kelly & Bros., 404 S. Kolmar av, Chicago, Ill.  
 KELLY-SPRINGFIELD rubber tires—Consolidated Rubber Tire Co., 229 W. 57th, New York  
 KELLY'S Albany jacks—L. J. Kelly Mfg. Co., Albany, N. Y.  
 KEMOR flushing valves—Single Faucet & Flush Valve Co., 180 N. Dearborn, Chicago, Ill.  
 KELSEY hot air furnaces—Kelsey Heating Co., Syracuse, N. Y.  
 KELVIN galvanometers—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.  
 KENCO battery motors & battery motor fans—Knapp Electric & Novelty Co., 511 W. 51st, New York  
 KENDRICK ensilage cutters—G. J. Emeny Co., Fulton, N. Y.  
 KENNEWA planes—Sargent & Co., New Haven, Conn.  
 KENNESAW marble—Georgia Marble Co., Tate, Ga.  
 KENNEY marine speedometers—Geo. E. Lawrence, Bullitt bldg., Philadelphia, Pa.  
 KENNON'S teredo-proof paint—Teredo-Proof Paint Co., Produce Exchange, New York  
 KENNY hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.  
 KENNY marine indicators—American Speed Indicator Co., New London, Conn.  
 KENNYS scouring powder—J. T. Kenny & Co., St. Paul, Minn.  
 KENSINGTON journal boxes—Union Spring & Mfg. Co., New Kensington, Pa.  
 KENT battery motors, battery motor fans—Kendrick-Davis Co., Lebanon, N. H.  
 KENT concrete mixers—Jaeger Machine Co., Columbus, Ohio  
 KENT hand corn planters—James Mfg. Co., Ft. Atkinson, Wis.  
 KENT smokeless furnaces—Power Specialty Co., 111 Broadway, New York  
 KENT vacuum cleaners & live stock vacuum groomers—Kent Vacuum Cleaner Co., Rome, N. Y.  
 KENTUCKO egg testers, incubator lamps, poultry fountains, rural mail boxes—Kentucky Stamping Co., Louisville, Ky.  
 KENTUCKY corn planters—International Harvester Company of America (Inc.), 702 Harvester bldg., Chicago, Ill.  
 KENTUCKY farm wagons—Kentucky Wagon Mfg. Co., Louisville, Ky.  
 KENTUCKY gang press wheel attachments—American Seeding Machine Co., Richmond, Ind.  
 KENTUCKY incandescent electric lamps—Kentucky Electrical Co., Owensboro, Ky.  
 KENTUCKY RIFLE black sporting powders—E. I. du Pont de Nemours Powder Co., Wilmington, Del.  
 KENTUCKY shovels, spades, & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.  
 KENYON corn crushers—Burgess-Norton Mfg. Co., Geneva, Ill.  
 KERATOL artificial leather—Keratol Co., 348 Van Buren, Newark, N. J.  
 KERKNER alfalfa cultivators—Light Draft Harrow Co., Marshalltown, Ia.  
 KERNAN hot air furnaces—International Heater Co., Utica, N. Y.  
 KERNCHEN siphonage ventilators—Kernchen Co., 332 S. Michigan av, Chicago, Ill.  
 KERNEL walking & riding cultivators—Kingman Plow Co., Peoria, Ill.  
 KERNITE packing—Kern Commercial Co., 114 Liberty, New York  
 KERSTINE grate bars—Bowler Foundry Co., Cleveland, Ohio  
 KERTLANDT packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 KERWIN-DETROIT rail grinding machines—Kerwin Machine Co., Detroit, Mich.



KESCO floor plates & stair treads—Keystone Steel Co., Warren, Pa.  
 KESTER self-fluxing soldering—Chicago Solder Co., 218 N. Union av, Chicago, Ill.  
 KETCHAM steam traps—Boston Steam Specialty Co., 332 A, Boston, Mass.  
 KEWANEE brake beams—Chicago Railway Equipment Co., 1923 W. 46th, Chicago, Ill.  
 KEWANEE electric lighting systems, water supply systems—Kewanee Private Utilities Co., West Side, Kewanee, Ill.  
 KEWANEE foundry molding machines—Wm. Demmler & Bros., Kewanee, Ill.  
 KEWANEE house heating boilers—Kewanee Boiler Co., Kewanee, Ill.  
 KEWANEE outdoor sleeping berths—Kewanee Mfg. Co., Kewanee, Ill.  
 KEWANEE unions & union elbows, boiler couplings, fittings, gas service cocks, check, globe & angle valves, pipe ties; specialties—National Tube Co., Frick bldg. Pittsburgh, Pa.  
 KEYBRIDGE metal—Edwards Mfg. Co., 545-546 Eggleston av, Cincinnati, Ohio  
 KEY expanded metal lath—General Fireproofing Co., Youngstown, Ohio  
 KEYES pliers & nippers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 KEYLESS fly fans—National Enameling & Stamping Co., 411 5th av, New York  
 KEY RING screw pitch gauges—Athol Machine Co., Athol, Mass.  
 KEYSER water gauges—Ashcroft Mfg. Co., 119 W. 40th, New York  
 KEYSTONE varnish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.  
 KEYSTONE acid proof metal—Keystone Bronze Co., Pittsburgh, Pa.  
 KEYSTONE auto creepers, steel mats—Keystone Wire Matting Co., Beaver Falls, Pa.  
 KEYSTONE automobile springs—Keystone Spring Works, 1301 Buttonwood, Phila., Pa.  
 KEYSTONE ball wicking—R. Bishop Mfg. Co., 157 W. Sixth, South Boston, Mass.  
 KEYSTONE barn door hangers—McKinney Mfg. Co., N. S. Pittsburgh, Pa.  
 KEYSTONE belting—L. H. Gilmer Co., Tacony, Phila., Pa.  
 KEYSTONE blast hole drills & steam shovels—Keystone Driller Co., Beaver Falls, Pa.  
 KEYSTONE boiler compounds, greases—Keystone Lubricating Co., 21st & Lippincott, Phila., Pa.  
 KEYSTONE boiler handles—Berger Bros. Co., 237 Arch, Phila., Pa.  
 KEYSTONE boiler injectors—Jas. A. Griffiths, 1317 Buttonwood, Phila., Pa.  
 KEYSTONE car flooring—Berger Mfg. Co., Canton, Ohio  
 KEYSTONE carriage springs—Fernald Mfg. Co., North East, Pa.  
 KEYSTONE cattle dehorners—Morris T. Phillips, Pomeroy, Pa.  
 KEYSTONE coil springs—Raymond Mfg. Co., Corry, Pa.  
 KEYSTONE connecting links, shackle hooks—Keystone Drop Forge Works, Chester, Pa.  
 KEYSTONE drills & wrenches—Keystone Mfg. Co., Buffalo, N. Y.  
 KEYSTONE dumping wagons—Keystone Vehicle Co., Reading, Pa.  
 KEYSTONE electric railway supplies—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.  
 KEYSTONE emery & corundum wheels—Walter C. Gold, Phila., Pa.  
 KEYSTONE exhaust heads—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.  
 KEYSTONE expansion bolts—Diamond Expansion Bolt Co., 89 West, New York  
 KEYSTONE farriers' knives—Champion Tool Co., Meadville, Pa.  
 KEYSTONE feed cutters—Ellis Keystone Agricultural Works, Pottstown, Pa.  
 KEYSTONE fence staples, telephone wire—Keystone Steel & Wire Co., Peoria, Ill.  
 KEYSTONE files, grooving saws—H. Disston & Sons (Inc.), Tacony, Phila., Pa.  
 KEYSTONE fire extinguishers—Jas. Boyd & Bro., 25th & Wharton, Phila., Pa.  
 KEYSTONE fire-proof floors—Keystone Fireproofing Co., 16 S. Broad, Phila., Pa.  
 KEYSTONE flexible mats—Geo. A. Williams & Son, 85 Fulton, New York  
 KEYSTONE floor finish—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.  
 KEYSTONE force feed lubricators—J. E. Lonergan Co., 211 Race, Phila., Pa.  
 KEYSTONE fruit presses—Keystone Door Check Co., Harrisburg, Pa.

KEYSTONE gasoline engines—West Chester Engine Co., West Chester, Pa.  
 KEYSTONE hair insulators—H. W. Johns-Manville Co., Madison av & 41st, New York  
 KEYSTONE harrows, hay loaders, hay rakes—International Harvester Company of America Inc., 720 Harvester bldg, Chicago, Ill.  
 KEYSTONE hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.  
 KEYSTONE hot air registers—Wm. Highton & Sons Co., Nashua, N. H.  
 KEYSTONE lamp black—Bihn & Wolff Co., Bridenburgh, Phila., Pa.  
 KEYSTONE lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.  
 KEYSTONE lawn & garden rollers—A. Buch's Sons Co., Elizabethtown, Pa.  
 KEYSTONE lawn & garden rollers—Harriman Mfg. Co., Harriman, Tenn.  
 KEYSTONE lever switches—Frank W. Morse, 293 Congress, Boston, Mass.  
 KEYSTONE lime burning kilns—Stacey-Schmidt Mfg. Co., York, Pa.  
 KEYSTONE linen thread—R. J. Ederer Thread Co., Elizabeth & Unity, Phila., Pa.  
 KEYSTONE lubricating oils & greases—Richardson Lubricating Co., Quincy, Ill.  
 KEYSTONE lubricators—American Lubricator Co., Detroit, Mich.  
 KEYSTONE meat & food choppers—Colebrookdale Iron Co., Pottstown, Pa.  
 KEYSTONE mechanical stokers—Keystone Stoker Co., 30 Church, New York  
 KEYSTONE mortar colors—Pittsburgh Iron Paint Co., N. S. Pittsburgh, Pa.  
 KEYSTONE night latches—E. T. Fraim Lock Co., Lancaster, Pa.  
 KEYSTONE packing—Jno. M. Watt's Sons, 54 N. 2nd, Phila., Pa.  
 KEYSTONE paint fillers—Keystone Paint & Filler Co., Muncy, Pa.  
 KEYSTONE paper cutting machines—Standard Machy., Mystic, Conn.  
 KEYSTONE paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.  
 KEYSTONE pipe fittings—Stanley G. Flagg & Co., Morris bldg, Phila., Pa.  
 KEYSTONE rivetless chains—Wilmot Engng Co., Hazleton, Pa.  
 KEYSTONE roofing—Keystone Roofing Mfg. Co., York, Pa.  
 KEYSTONE saw clamps—Woodwell Joseph Co., 207 Wood, Pittsburgh, Pa.  
 KEYSTONE seals & presses—Keystone Seal & Press Co., 39 Cortlandt, New York  
 KEYSTONE steam shovels—Keystone Driller Co., Beaver Falls, Pa.  
 KEYSTONE steam & hot water heaters—Broomell, Schmidt & Co., Ltd., York, Pa.  
 KEYSTONE steel split pulleys—Dodge Sales & Engng. Co., Oneida, N. Y.  
 KEYSTONE stove clay—Rogers & Co., Royersford, Pa.  
 KEYSTONE straight handle adjustable wrenches—Keystone Mfg. Co., Buffalo, N. Y.  
 KEYSTONE swivel eye awning blocks—Wilcox, Crittenden & Co., Middletown, Conn.  
 KEYSTONE tape—H. W. Johns-Manville Co., Mad. av & 41st, New York  
 KEYSTONE upholsterers' tacks—Turner & Seymour Mfg. Co., Torrington, Conn.  
 KEYSTONE ventilators—Follansbee Bros. Co., Pittsburgh, Pa.  
 KEYSTONE vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.  
 KEYSTONE water meters—Pittsburgh Meter Co., E. Pittsburgh, Pa.  
 KEYSTONE well drilling machines—Keystone Driller Co., Beaver Falls, Pa.  
 KEYSTONE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.  
 KHOTAL kerosene furnaces—Thos. A. Mack Mfg. Co., 401 St. Paul's av, Jersey City, N. J.  
 KIBOSH shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York  
 KID sight feed lubricators—Detroit Lubricator Co., Detroit, Mich.  
 KIDIE KAR children's vehicles—H. C. White Co., North Bennington, Vt.  
 KIEGEL theatre switchboards—Universal Elec. Stage Lighting Co., 240 W. 50th, New York  
 KIESLER clam shell buckets—Jos. F. Kiesler Co., N. Sangamon & W. Huron, Chicago, Ill.  
 KILBOURN sand boxes—Ridlon, Frank Co., 158 Summer, Boston, Mass.  
 KILBY frogs, switches & crossings—Kilby Frog & Switch Co., Birmingham, Ala.



KILKER'S Matte taping cars—Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.  
 KILLITOL disinfectants—Norman C. Hayner Co., Rochester, N. Y.  
 KILZIT disinfectants—Fulton Bag & Cotton Mills, Atlanta, Ga.  
 KIMBLE dynamos & motors—Kimble Electric Co., 634 Northwestern av., Chicago, Ill.  
 KIMBLE-GREGORY electric motors—Guarantee Electric Co., 533 W. Vanburen, Chicago, Ill.  
 KINDLING street flushing machines—Kindling Machine Co., Milwaukee, Wis.  
 KINEO range boilers—Walls, Owen & Stambach Co., Phila., Pa.  
 KINETOSCOPE moving picture machines—Thos. A. Edison, Orange, N. J.  
 KING annunciators—Partrick, Carter & Wilkins Co., 45 N. 7th, Phila., Pa.  
 KING ash & garbage cans, garbage pails—Cincinnati Galvanizing Co., McMicken av. & Tafel, Cincinnati, Ohio  
 KING auger bits—Snell Mfg. Co., Fiskdale, Mass.  
 KING can filling machines—Ayars Machine Co., Salem, N. J.  
 KING can openers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 KING—coat & hat hooks—Parker Wire Goods Co., Worcester, Mass.  
 KING coat & hat wire hooks—Morgan Spring Co., Worcester, Mass.  
 KING corn planters—Sterling Pattern Works, Sterling, Ill.  
 KING corn planters, feed cutters, root cutters—Donaldson Bros., Mount Clemens, Mich.  
 KING corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.  
 KING door hangers, grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 KING drain & tiling shovels—Osmundson Spade Mfg. Co., Perry, Ia.  
 KING fishing tackle—W. H. Reisner Mfg. Co., Hagerstown, Md.  
 KING fly swatters—U. S. Wire Mat Co., Decatur, Ill.  
 KING gasoline lighting systems—King Light Co., Peoria, Ill.  
 KING grain drills—King Drill Mfg. Co., Nebraska City, Neb.  
 KING harness snaps—Covert Mfg. Co., Troy, N. Y.  
 KING hose—Empire Tire & Rubber Corp., East Trenton, N. J.  
 KING lamp cord adjusters—Electric Specialty Mfg. Co., Moorehead bldg., Pittsburg, Pa.  
 KING lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.  
 KING lawn rakes—G. A. Swineford Co., Canton, Ohio  
 KING lightning rods—Geo. M. King Mfg. Co., Des Moines, Ia.  
 KING padlock locks—U. S. Lock & H'dwe Co., Columbia, Pa.  
 KING pipe joint compounds—Walter E. King, 115 W. 3rd, Cincinnati, Ohio  
 KING piston rod packing—U. S. Metallic Packing Co., 427 N. 13th, Phila., Pa.  
 KING PET chains—Woods-Sherwood Co., Worcester, Mass.  
 KING safety razors—Clark Blade Razor Co., 56 Summer av., Newark N. J.  
 KING screw drivers—C. E. Jennings & Co., 71 Murray, New York  
 KING smokeless powder—King Powder Co., First Nat. Bank bldg., Cincinnati, Ohio  
 KING spirit levels—King Level Works, Brighton, Mich.  
 KING steam engine governors—Sinker-Davis Co., Indianapolis, Ind.  
 KING tank heaters—Kelly Foundry & Machine Co., Goshen, Ind.  
 KING tank pumps—W. S. Nott Co., Minneapolis, Minn.  
 KING tube scrapers—Michigan Lubricator Co., Detroit, Mich.  
 KING water meters—Union Water Meter Co., Worcester, Mass.  
 KING well buckets—Richmond Cedar Works, Richmond, Va.  
 KING BEE barn door hangers—Lawrence Bros., Sterling, Ill.  
 KING BEE pipe clamps—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio  
 KING BEE stoves—King Stove & Range Co., Sheffield, Ala.  
 KINGERY'S corn poppers—Kingery Mfg. Co., Cincinnati, Ohio  
 KINGFISHER fish line—E. J. Martin's Sons, Rockville, Conn.

KINGHORN pump valves—U. S. Indestructible Gas-ket Co., Church & Fulton, New York  
 KING-KORE core compounds—Frederic B. Stevens, 3rd & Larned, Detroit, Mich.  
 KINGLEY automobile wind shields—Western Mechanical Works, Los Angeles, Cal.  
 KINGMAN harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.  
 KINGMAN plow coulters, stalk cutters, walking listers—Kingman Plow Co., Peoria, Ill.  
 KING OF CUTTERS glass cutters—H. C. Hart Mfg. Co., Unionville, Conn.  
 KING OF POTATO FIELD diggers—H. W. Doughten, Moorestown, N. J.  
 KING OF THE WOODS hunting knives—Cattaraugus Cutlery Co., Little Valley, N. Y.  
 KING'S arc lamp posts—King Foundry Co., St. Joseph, Mo.  
 KING'S calcined plaster, plaster boards, cold water paints—J. B. King & Co., 17 State, New York  
 KING'S cold water paints—King Paint Mfg. Co., 449 Kent av., Brooklyn, N. Y.  
 KING'S gas recording pressure gauges—American Meter Co., 11th av. & 47th, New York  
 KING'S mountain wall plaster—Southern Gypsum Co., North Holston, Va.  
 KING'S PATENT blue grass harvesters—R. C. King, Carlisle, Ky.  
 KING'S sash bolt & support—Smith & Egge Mfg. Co., Bridgeport, Conn.  
 KING'S-2-RING pot chains—Wire Goods Co., Worcester, Mass.  
 KING'S wood stains—Chicago White Lead & Oil Co., 1454 S. Western av., Chicago, Ill.  
 KINGSNAP spring steel snaps—National Safety Snap Co., Wilmington, Ohio  
 KINGSTON carbureters, spark plugs, circulating pumps, oil & grease cups, steering wheels—Byrne, Kingston Co., Kokomo, Ind.  
 KINGSTON gas igniters, spark coils, spark plugs, special tire air pumps—Kokomo Electric Co., Kokomo, Ind.  
 KINGUSHER metallic packing—Strong Machinery & Supply Co., 21 Walker, New York  
 KINKEAD aligning & leveling apparatus—Kinkead Mfg. Co., 7 Water, Boston, Mass.  
 KINNARD tractors—Kinnard-Haines Co., Minneapolis, Minn.  
 KINNEY vacuum pumps—Kinney Mfg. Co., 100 Boylston, Boston, Mass.  
 KINSMAN electric desk lights—David Killoch Co., 57 Murray, New York  
 KINSMAN electric desk lights—McLeod, Ward & Co., 27 Thames, New York  
 KINSMAN lubricating oils & greases—Star Lubricating Oil Co., Cleveland, Ohio  
 KINYCKEST bath heaters—Taylor Burner & Electroplating Co., Ltd., 804 Duquesneway, Pittsburgh, Pa.  
 KINZIE gasoline blow torches—Turner Brass Works, Sycamore, Ill.  
 KIP valveless lubricators—Madison-Kipp Lubricator Co., Madison, Wis.  
 KIPP sight feed lubricators—Madison-Kipp Lubricator Co., Madison, Wis.  
 KIRBY bung hole borers—United States Bung Mfg. Co., 48 S. 2nd, Brooklyn, N. Y.  
 KIRBY bung hole borers—L. & I. J. White Co., 143 Perry, Buffalo, N. Y.  
 KIRBY metallic life boats & rafts, lubricators—Detroit Shipbuilding Co., Detroit, Mich.  
 KIRCK'S cattle loaders—T. J. Ely Mfg. Co., Erie, Pa.  
 KIRKER-BENDER fire escapes—Dow Wire & Iron Works, Louisville, Ky.  
 KIRKWOOD fuel oil burners—Tate-Jones & Co., Empire bldg., Pittsburgh, Pa.  
 KISMET baking enamels, varnish, wood fillers—Chase, Roberts Co., West av., Long Island City, N. Y.  
 KIT screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 KITCHENETTE dish washing machines—Cary, Davis Co., 42 Pearl, Buffalo, N. Y.  
 KITSON boiler couplings—Jno. Hamilton Brass Works, Bridgeport, Conn.  
 KITSON ground key cocks & bibbs—Kitson Co., 2819 Oakford, Phila., Pa.  
 K. KORKERS plumbers' tools—Fleck Bros. Co., 50 N. 5th, Phila., Pa.  
 KLAMATH rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 KLAR'S kalsomine—Troy Cold Water Kalsomine Co., Troy, N. Y.  
 KLAXON automobile horns—Lovell-McConnell Mfg. Co., 194 Wright, Newark, N. J.  
 KLAY roofing tile—National Roofing Tile Co., Lima, Ohio



- KLEAN-ITT paint & varnish remover—W. W. Law Co., New Hartford, Conn.
- KLEARTONE shellac & wood stains—Standard Varnish Wks., 2589 Richmond ter, Elm Park, N. Y.
- KLEIN ground connection clamps—Ernest Klein & Bro., 44 Fulton, New York
- KLEIN pipe line scrapers—Petroleum Iron Works Co., Sharon, Pa.
- KLEIN pipe tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
- KLEIN pliers & nippers—M. W. Robinson Co., 35 Wall, New York
- KLEIN tong bits—Chas. N. Hough Mfg. Co., Franklin, Pa.
- KLEIN'S tree trimmers, trolley wire clamps—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
- KLEMM acetylene gas lamps—Klemm & Co., 132 N. 5th, Phila., Pa.
- KLEMM jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
- KLENSA paint & varnish remover—Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.
- KLENZER compounds—Fitzpatrick Bros., 1319 W. 32nd pl, Chicago, Ill.
- KLENZOLA mechanics' hand soap—H. P. Weller Supply Co., Erie, Pa.
- KLIEGL electric stage lights—Universal Electric Stage Lighting Co., 240 W. 50th, New York.
- KLIMAX churns—American Wooden Ware Mfg. Co., Toledo, Ohio
- KLING hydraulic rams—Geo. S. Comstock & Son, Mechanicsburg, Ohio
- KLING hame fasteners—National Safety Snap Co., Wilmington, Ohio
- KLINGER gauge glasses, water gauges—Jerguson Gage & Valve Co., 88 Broad, Boston, Mass.
- KLINGER water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
- KLINGERIT packing—Crane Co. Est. 1855, 836 S. Michigan av, Chicago, Ill.
- KLINGFAST belt cements—J. E. Rhoads & Sons, 12 N. 3rd, Phila., Pa.
- KLINGFAST pipe vises—Walworth Mfg. Co., Boston, Mass.
- KLING KOAT paints—Concrete Waterproof Paint Co., 827 N. 3rd, Phila., Pa.
- KLINGRET type rubber solution machines—Werner & Pfeiderer Co., Saginaw, Mich.
- KLINGTITE flexible fabric tubing, hose couplings—James Mfg. Co., Cleveland, Ohio
- KLINGTITE steam packing—Niagara Falls (Ont.) Gasket & Packing Co., Church & Fulton, New York
- KLIPPER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
- KLONDIKE incubators & brooders—Klondike Incubator Co., Des Moines, Ia.
- KLONDIKE tank heaters—Butler Co., Butler, Ind.
- KLYMAX fountain pen clips—Consolidated Safety Pen Co., Bloomfield, N. J.
- KLYMAX steam heaters—International Heater Co., 1933 Wentworth av, Chicago, Ill.
- KNAPP annunciators—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.
- KNAPP broom holders, carpet stretchers—Bradley & Farnham, Middlefield, Conn.
- KNAPP trace carriers—North & Judd Mfg. Co., New Britain, Conn.
- KNAPP & COWLES pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- KNAPP'S pressure reducing valves, feed water regulators, metal studs—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.
- KNAPSACK potato sprayer pumps—Field Force Pump Co., Columbus, Ohio
- KNEAD-PULL bread mixers—Gem Stamped Steel Co., Chelsea, Mass.
- KNICKERBOCKER caen stone cements—King C. Volney, 517 West, New York
- KNICKERBOCKER hot water radiators—Mackay Mfg. Co., 234 Water, New York
- KNICKERBOCKER thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
- KNIFE-HANDLE wrenches—Coes Wrench Co., Worcester, Mass.
- KNIGHT'S saw mill dogs—American Sawmill Machinery Co., Hackettstown, N. J.
- KNIPPE'S ball bearings—Pressed Steel Mfg. Co., Land Title bldg, Phila., Pa.
- KNO-BURN expanded metal lath—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
- KNOCKABOUT electric lamp flashlights—E. Marcuson, 136 Liberty, New York
- KNOCKER fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
- KNOCK-OUT rat traps—N. R. Streeter & Co., Rochester, N. Y.
- KNODERER gas furnaces—Learn & Brindle, Columbus, Ohio
- KNO-EQUAL plasters' steel corner beads—Northwestern Expanded Metal Co., Old Colony bldg, Chicago, Ill.
- KNOLL washing machines—Janas L. Knoll Mfg. Co., Lebanon, Pa.
- KNOSTRAIN socket bushings—Stewart, Frank H. Electric Co., 35 N. 7th, Phila., Pa.
- KNOT PASSING clothes line pulleys—Peck, Stow & Wilcox Co., Southington, Conn.
- KNOTT gear driven static electric machines—L. E. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.
- KNOWLES key-seating machines—Pawtucket Mfg. Co., Pawtucket, R. I.
- KNOWLTON hammock—Gold Metal Camp Furniture Mfg. Co., Racine, Wis.
- KNOWLTON packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
- KNOWLTON packing—Lubron Co., Everett, Mass.
- KNOX fluting machines—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
- KNOX gasoline engines, propeller wheels, carbureters—Camden Anchor-Rockland Mach. Co., Camden, Me.
- KNOX hose carriages & carts—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.
- KNOX open hearth furnace doors—Keystone Bronze Co., Pittsburgh, Pa.
- KNOX open hearth furnace doors—Knox Pressed & Welded Steel Co., Pittsburgh, Pa.
- KNOX potato diggers—Gowanda Agricultural Works, Gowanda, N. Y.
- KNOX sole blocking machines—Quarmby & Hilliker, Lynn, Mass.
- KNOX tractors—Knox Motors Co., Springfield, Mass.
- KNOX truck units—Knox Motors Co., Springfield, Mass.
- KNOX water tube cleaners—Hubbard & Co., Washington, D. C.
- KNOXALL barn door hangers, wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
- KNOXALL clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
- KNOXALL vegetable oil soap—Hoosier Mfg. Co., 45 S. Cruise, Indianapolis, Ind.
- KNUTSON trolley catchers & retrievers—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.
- KOASTER KID children's vehicles—Louis Amberg & Son, 701 E. 16th, New York
- KOEHLER miners' safety lamps—Koehler Mfg. Co., Marlboro, Mass.
- KOEHRING concrete mixers, concrete bucket hoists—Koebring Machine Co., Milwaukee, Wis.
- KOERTING boiler injectors, boiler testing machines, fuel oil burners, spray nozzles, mine ventilators, hydrokineters—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
- KOETH'S interchangeable tools—Currier-Koeth Mfg. Co., Coudersport, Pa.
- KOH-I-NOOR snap fasteners—Waldes & Co., 137 5th av, New York
- KOHIRAUSSCH bridges—Leeds & Northrup Co., Stenton av, Gtn., Phila., Pa.
- KOHLER hot air furnaces—Hertig Furnace Co., 1342 Columbus av, Boston, Mass.
- KOHLER post hole diggers, currycombs—F. E. Kohler Co., Canton, Ohio
- KOKOMO motor cycles—Shaw Mfg. Co., Galesburg, Kans.
- KOKOMO vertical drilling machines—Superior Machine Tool Co., Kokomo, Ind.
- KOKOMO wire fences & gates—Kokomo Steel & Wire Co., Kokomo, Ind.
- KO-KO-NO DUST sweeping compounds—Alcatraz Co., Inc., Richmond, Va.
- KOKOSING feed cutters—Hocking Valley Mfg. Co., Lancaster, Ohio
- KOLLING corn huskers—Kolling Husker Works, Arlington Heights, Ill.
- KOLL'S porch columns—Hartmann Sanders Co., 2155 Elston av, Chicago, Ill.
- KOLORFAST fibre matting—Harvey Fibre Carpet Co., Janney & E. Allegheny av, Phila., Pa.
- KOMFORT linemen's climbers—Kilborn & Bishop Co., New Haven, Conn.
- KOMI porch curtain shades—R. H. Comey Co., Camden, N. J.
- KOMO steam traps—Linton Machine Co., 26 Cortlandt, New York
- KOMPOLITE sanitary flooring—General Kompolite Co., 327 Borden av, Long Island City, N. Y.
- KOMTSPLIT valve handles—Holton-Abbott Mfg. Co., 59 Goram, West Somerville, Mass.
- KONICAL ventilators—Eller Mfg. Co., Canton, Ohio
- KONTAK waterproof belting—Geo. Rahmann & Co., 31 Spruce, New York



KOOCHOOK pneumatic tires—Koochook Rubber Co., 3200 Locust, St. Louis, Mo.  
 KOOH-I-NOOR lead pencils, tracing cloth & paper—L. & C. Hardtmuth, 34 E. 23rd, New York  
 KOOKSON steam separators—D. T. Williams Valve Co., Cincinnati, Ohio  
 KOPKA awnings—Wyandotte Awning & Tent Co., Kansas City, Kans.  
 KOPPER-KOTE copper paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.  
 KOPPERS by-product ovens—H. Koppers Co., Union Arcade, Pittsburgh, Pa.  
 KORFF sink frames—Korff Mfg. Co., Lansing, Mich.  
 KORKA water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 KORKSTONE sanitary flooring—Williams-Wendt Co., 118 N. La Salle, Chicago, Ill.  
 KORN KING grist mills—Root-Heath Mfg. Co., Plymouth, Ohio  
 KORN KING shoveling & end gate boards—Knapheide, Henry, Wagon Co., Quincy, Ill.  
 KORN'S crayons—Wm. Korn, 120 Center, New York  
 KORONA cameras—Gundlach Manhattan Optical Co., Rochester, N. Y.  
 KOSAT insulating paper—F. W. Bird & Son, East Walpole, Mass.  
 KOSMOS cement—Kosmos Portland Cement Co., Kosmosdale, Ky.  
 KOST gas jet heaters—Kohler Die & Specialty Co., De Kalb, Ill.  
 KRAC-A-JAC glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.  
 KRACKERJACK Christmas tree holders—E. L. Reed Mfg. Co., Sterling, Ill.  
 KRAEMER range lighters—Kraemer Mfg. Co., 71 W. 23rd, New York  
 KRAFT wrapping paper—Southern Fibre Co., Portsmouth, Va.  
 KRAMER adjustable electric desk lights & floor lamps—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.  
 KRAMER concrete tampers—Kramer Automatic Tamper Co., Peoria, Ill.  
 KRAMER farm wagons—Kramer Wagon Co., Oil City, Pa.  
 KRAOPLATE composition blackboards—Atlas School Supply Co., 531 S. Peoria, Chicago, Ill.  
 KRAUS beet cultivators—Akron Cultivator Co., Akron, Ohio  
 KRAUSE embossing presses—H. Hinze, 116 Nassau, New York  
 KREBS lithopone & ponolith—Krebs Pigment & Chemical Co., Newport, Del.  
 KREMLO storage batteries—McCauley Storage Battery Co., 1060 St. Clair, Cleveland, Ohio  
 KREODONE wood paving blocks—Republic Creosoting Co., Indianapolis, Ind.  
 KREOLE paper & pulp—Southern Paper Co., Moss Point, Miss.  
 KRE-O-SEP-TIC wood preservatives—St. Paul White Lead & Oil Co., St. Paul, Minn.  
 KRETCHMER honey extractors—Kretchmer Mfg. Co., Council Bluffs, Ia.  
 KRICKS animal pokes, cattle leaders—Theo. J. Ely Mfg. Co., Erie, Pa.  
 KRIEBEL vacuum heating system—Vapor-Vacuum Heating Co., 1215 Walnut, Philadelphia, Pa.  
 KRIS-KROS box fasteners—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.  
 KRISOLITE wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.  
 KRISP-KRUST pie plates—National Mfg. Co., Worcester, Mass.  
 KRITZER lime hydrating machinery—Kritzer Co., 72 W. Adams, Chicago, Ill.  
 KROESCHELL feed water heaters—Kroeschell Bros., Co., 440 W. Erie, Chicago, Ill.  
 KROESCHELL SCHWARTZ crucible furnaces—Kroeschell Bros. Co., 440 W. Erie, Chicago, Ill.  
 KROH storm robes—C. Z. Kroh Mfg. Co., Toledo, Ohio  
 KROM belt lacing—California Tanning Co., 1905 Shendoah av. St. Louis, Mo.  
 KROM ore concentrators, crushing rolls—Krom Machine Works, 170 Broadway, New York  
 KROME belting, leather packing—Chicago Rawhide Mfg. Co., 1269 Elston av, Chicago, Ill.  
 KROMHYDE belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.  
 KRON automatic scales—American Iron Scale Co., 39 Cortlandt, New York  
 KRONAUER'S automobile 'trunks—Chas. Kronauer & Co., 844 Fulton, Chicago, Ill.  
 KROTZ oil filters—Akron Belting Co., Akron, Ohio  
 KRUEGER gasoline engines—San Antonio Machine & Supply Co., San Antonio, Texas  
 KRUPP car wheels, steel tires—Thos. Prosser & Co., 22 Platt, New York

KRUPP grinding & crushing & ball & pebble mills—Thos. Prosser & Son, 15 Geld, New York  
 KRUPP resistance wire—Belden Mfg. Co., 115 S. Western av, Chicago, Ill.  
 KRYPTOK lenses—Bausch & Lomb Optical Co., Rochester, N. Y.  
 KRYPTOL chemicals—Eimer & Amend, 205 3rd av, New York  
 KRYSTAL soiloff hand soap—R. M. Hollingshead Co., Camden, N. J.  
 KUHNE'S clincher metal lath—American Rolling Mill Co., Middletown, Ohio  
 KUHN'S stove door pins—Corbin Screw Corporation, New Britain, Conn.  
 KUMFY gas jet heaters—Ohio State Stove Co., Columbus, Ohio  
 KUMINGSUM packing—Crandall Packing Co., Palmyra, N. Y.  
 KUM-OFF paint & varnish remover—Twin City Varnish Co., St. Paul, Minn.  
 KUNKLE pop safety valves—E. B. Kunkle & Co., Fort Wayne, Ind.  
 KUP-KAN oil cans—Boggs Auto Supply Co., Ft. Dodge, Ia.  
 KURTSON tumbler holders—Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.  
 K-U-T-A fire hydrants—Cayuta Mfg. Co., Sayre, Pa.  
 KUT-KOTE paint & varnish remover—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.  
 KUTRITE gears—Bickett Machine & Mfg. Co., Cincinnati, Ohio  
 KUTZTOWN towel bars—Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.  
 KWASIND cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.  
 KWICKSHARP knife & scissors grinders, sugar dispensers—Spengler-Loomis Mfg. Co., 58 E. Washington, Chicago, Ill.  
 KWIK KUT hack saw machines—E. C. Atkins & Co., Indianapolis, Ind.  
 KWIK-LITE electric lamp flashlights—Usona Mfg. Co., 1 Hudson, New York  
 KYANIZE enamels, floor finish, linoleum varnishes—Boston Varnish Co., Everett Station, Boston, Mass.  
 KYLE arc lamp insulators—Line Material Co., S. Milwaukee, Wis.  
 KYMOI packing—Crandall Packing Co., Palmyra, N. Y.  
 L. B. ball cocks—L. B. Brass Co., Peabody, Mass.  
 L B flat copper connectors—Lemke Electric Co., 280 Lake, Milwaukee, Wis.  
 L. B. L. hame fasteners—Covert Saddlery Works, Interlaken, N. Y.  
 L. B. TAYLOR'S speed indicators—Thos. Packer, Union City, Conn.  
 L. C. SMITH hammerless & hammer breach loading guns—Hunter Arms Co., Fulton, New York  
 L. D. P. kitchen knives—L. D. Parkhurst, Danielson, Conn.  
 L. E. GANT rubber bottles—Tyer Rubber Co., Andover, Mass.  
 L. F. C. lemon squeezers—Landers, Frary & Clark, New Britain, Conn.  
 L. F. & C. metal polish—Landers, Frary & Clark, New Britain, Conn.  
 L. N. brake beams—Joliet Railway Supply Co., Joliet, Ill.  
 L. P. & E. Co. pumps—Lawrence Pump & Engine Co., Lawrence, Mass.  
 L. S. I. CO. tuyere irons—Wrightsville Hardware Co., Wrightsville, Pa.  
 L. T. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 L. W. stoves & ranges—Lattimer Stove Co., Columbus, Ohio  
 L-X belt awls, belt chisels, belt clamps, belt dressing, belt fasteners, belt pliers—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.  
 L. X. L. reversible ratchet drills—Lowell Wrench Co., Worcester, Mass.  
 L. X. V. spark plugs—Automobile Equipment Co., Detroit, Mich.  
 L-W twist drills—Lincoln-Williams Twist Drills Co., Taunton, Mass.  
 L-X belt awls, belt chisels, belt clamps, belt dressing, belt fasteners, belt pliers—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.  
 L. & A. foundry vibrators—Pressed Steel Co., Muskegon, Mich.  
 L. & G. butchers' knives—Landers, Frary & Clark, New Britain, Conn.  
 L. & G. pipe straps, sinks & trays—Lalance & Grosjean Mfg. Co., 299 Broadway, New York



L. & L. lighting fixtures, ceiling switches, locknut bushings, lock lamp guards—Chas. W. Leveridge, 133 Liberty, New York  
 L. & M. shoe loosener tools—Adam A. Long, Rochester, N. Y.  
 L. & R. Orange Extra black sporting powder—Hercules Powder Co., Wilmington, Del.  
 L. & S. anti-rail creepers—Belle City Malleable Iron Co., Racine, Wis.  
 L. & S. I. Co., lemon squeezers, tack hammers—Wrightsville Hardware Co., Wrightsville, Pa.  
 LA BELLE saw arbors—Crucible Steel Co. of America, Oliver bldg, Pittsburgh, Pa.  
 LAC-A-GERM varnish—Adams & Elting Co., 722 W. Washington, Chicago, Ill.  
 LACE WEB cushion springs—Trenton Spring Mattress Co., Trenton, N. J.  
 LACKAWANNA blast furnaces—Lackawanna Steel Co., Buffalo, N. Y.  
 LACKAWANNA gas & oil engines—Lackawanna Mfg. Co., Ballston Spa, N. Y.  
 LACKAWANNA lubricators—Crescent Mfg. Co., Scottdale, Pa.  
 LACKO parting compounds—Wedron Silica Co., Ottawa, Ill.  
 LACLEDE-CHRISTY gas retort benches—Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.  
 LACQUERET floor finish—Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.  
 LACQUERINE metal polish—Gilt Edge Mfg. Co., 35 Warren, New York  
 LA CROSSE disc harrows—La Crosse Plow Co., La Crosse, Wis.  
 LA CROSSE farm wagons—Smith Mfg. Co., La Crosse, Wis.  
 LA CROSSE harrows, plow coulters, riding listers—La Crosse Plow Co., La Crosse, Wis.  
 LA CROSSE potato sprayers—McKenzie Bros. Mfg. Co., La Crosse, Wis.  
 LADD anti rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio  
 LADY'S FRIEND ironing board stands—Household Mfg. Co., Royersford, Pa.  
 LAFARGE French portland cement—Non-Staining Cement Co., 156-5th av, New York  
 LAFAYETTE cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 LAFAYETTE reclaimed rubber—Manufactured Rubber Co., Penna. bldg, Phila., Pa.  
 LAFFITTE brazing compounds, welding plates—Phillips-Laffitte Co., Penna. bldg, Phila., Pa.  
 LA FOLLETTE FOUNDRY blast furnaces—La Follette Coal & Iron Co., La Follette, Tenn.  
 LA FRANCE dusters—S. Levy, 618 New Market, Phila., Pa.  
 LAGONDA flue cutters—Lagonda Mfg. Co., Springfield, Ohio  
 LA GRANGE rubber bottles—Tyer Rubber Co., Andover, Mass.  
 LAKE CITY axes—Romer Axe Co., Dunkirk, N. Y.  
 LAKE CITY farm wagons—Neal, Johns & Co., Lake City, Minn.  
 LAKE key-seating machines—Mercury Machine Co., 2127 N. Broad, Phila., Pa.  
 LAKESIDE packing & hose—Peerless Rubber Mfg. Co., 31 Warren, New York  
 LAKESIDE shoveling & end gate boards—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.  
 LAKESIDE truck units—Lakeside Motor Truck Co., 110 S. Dearborn, Chicago, Ill.  
 LAKEWOOD dumping buckets, concrete mixers, concrete carts, brick represses—Lakewood Engineering Co., Cleveland, Ohio  
 LAKEWOOD lawn mowers—Coldwell Lawn Mower Co., Newburgh, N. Y.  
 LAKIN conduit benders—Thomas & Betts Co., 105 Hudson, New York  
 LALLY fire proof columns—U. S. Column Co., Cambridge, Mass.  
 LAMB wire stretchers—Peerless Wire Fence Co., Adrian, Mich.  
 LAMBERT gas engines, gasoline traction engines—Buckeye Mfg. Co., Anderson, Ind.  
 LAMBERT water meters—Thomson Meter Co., 110 Bridge, Brooklyn, N. Y.  
 LAMINAR fibre boxes, mill baskets, mill trucks, roving cans—American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.  
 LAMINATED brass shims—Laminated Shim Co., 533 Canal, New York  
 LAMSON coin cashiers—Lamson Co., 161 Devonshire, Boston, Mass.  
 LANCASTER automobile lamp lenses—Lancaster Lens Co., Lancaster, Ohio  
 LANCASTER brake shoes—Lancaster Iron Works, Lancaster, Pa.

LANCASTER enamels—Lincoln Paint & Color Co., Lincoln, Nebr.  
 LANCASTER hay rakes—Hocking Valley Mfg. Co., Lancaster, Ohio  
 LANCASTER tire & axle shrinkers—Champion Blower & Forge Co., Lancaster, Pa.  
 LANCING ash sifters—Gier & Dail Mfg. Co., Lansing, Mich.  
 LANCO balata belting—Republic Rubber Co., Youngstown, Ohio  
 LANDER'S comealongs—Mathias Klein & Sons, 562 Van Buren, Chicago, Ill.  
 LANDERS counter scales—Landers, Frary & Clark, New Britain, Conn.  
 LANDIS bolt pointing machines & threading machines—Landis Machine Co., Waynesboro, Pa.  
 LANDIS fishing tackle boxes—Wilson F. Coretz Co., 323 W. Lake, Chicago, Ill.  
 LANDIS roll grinders—Landis Tool Co., Waynesboro, Pa.  
 LANDIS shock absorbers—Landis Engng. & Mfg. Co., Waynesboro, Pa.  
 LANDRAL cutting oils—Farr Mfg. Co., No. Tonawanda, N. Y.  
 LANE Chilian mills—Lane Mill & Machinery Co., Los Angeles, Cal.  
 LANE fire door hangers—Allith-Prouty Co., Danville, Ill.  
 LANE friction clutches—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 LANE joist hangers—W. J. Clark Co., Salem, Ohio  
 LANE'S automobile jacks, rolling ladders—Lane Bros. Co., Poughkeepsie, N. Y.  
 LANES STANDARD door hangers—Lane Bros. Co., Poughkeepsie, N. Y.  
 LANG farm wagons—Lang & Bro. Mfg. & Merc. Co., Farmington, Mo.  
 LANG tool holders—Crescent Forgings Co., Oakmont, Pa.  
 LANGDON mitre boxes—Millers Falls Co., Millers Falls, Mass.  
 LANGLEBEN carbon brushes—Hart & Co., Fostoria, Ohio  
 LANIUS railway signal flags—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 LANKFORD horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.  
 LANSDALE steam & hot water heaters—Heebner & Sons, Lansdale, Pa.  
 LANSING concrete mixers, rock crushers, wire & picket fence machines—Lansing Co., Lansing, Mich.  
 LANSING corn poppers—Gier & Dail Mfg. Co., Lansing, Mich.  
 LANZ locomobiles—Wiener Machy. Co., 56 Church, New York  
 LAPIDOLITH concrete hardeners—L. Sonneborn Sons, 262 Pearl, New York  
 LARAMIE standard cement plaster—Acme Cement Plaster Co., Frisco bldg, St. Louis, Mo.  
 LARD oil kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 LARK sulky hay rakes—Acme Harvester Machine Co., Peoria, Ill.  
 LARKIN fire extinguishers—Larkin Mfg. Co., Dayton, Ohio  
 LARKINS packing—Larkins Metallic Packing Co., 400 Duq. Way, Pittsburgh, Pa.  
 LARMUTH high speed wire stranding machines—New England Machinery Co., New Haven, Conn.  
 LA RACK ratchet wrenches—Mechanical Specialties Co., 122 S. Michigan av, Chicago, Ill.  
 LARSON suction ventilators—Larson Bros., Johnsonburg, Pa.  
 LARSONS babbitt metal—Damascus Bronze Co., N. S. Pittsburgh, Pa.  
 LARSONS blacksmiths' nippers—Washington Tool Co., Owatonna, Minn.  
 LA SALLE belting, rubber hose—Empire Tire & Rubber Corp., East Trenton, N. J.  
 LASCO spark plugs—Louisville Auto Supply Co., Louisville, Ky.  
 LASCO wind shields—London Auto Supply Co., 2540-8 Wabash av, Chicago, Ill.  
 LASHAR plated silverware—International Silver Co., Meriden, Conn.  
 LASHER'S spring handle pot covers—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 LAST WORD test indicators—Henry A. Lowe, Cleveland, Ohio  
 LASURE friction clutch pulleys—Mutual Mfg. Co., Rudd, Ia.  
 LATHEROIL liquid soap—Fischer Heinrich Co., 2715 Colerain av, Cincinnati, Ohio  
 LATHROP'S belt awls—Greene, Tweed & Co., 109 Duane, New York



- LATROBE car couplers—National Malleable Castings Co., Cleveland, Ohio
- LATROBE car couplers—Standard Coupler Co., 30 Church, New York
- LA TUQUE turpentine—Brown Corp., Portland, Me.
- LAUN-DRY-ETTE washer & dryer—Home Specialty Mfg. Co., Cleveland, Ohio
- LAUREL stoves—Art Store Co., Detroit, Mich.
- LAUSON engines—John Lauson Mfg. Co., New Holstein, Wis.
- LAUSON hard oil finish—Valentine & Co., 456 4th av, New York
- LAVA kitchen enameled ware—Cleveland Stamping & Tool Co., Cleveland, Ohio
- LAVARCK marine gears—Marine Mfg. & Supply Co., 158 South, New York
- LAVIGNE expansive bits—Kilborn & Bishop Co., New Haven, Conn.
- LAVOISITE oxygen generators—Castner Electrolytic Alkali Co., Niagara Falls, N. Y.
- LAVOS liquid soap—Chas. Morrill, 100 Lafayette, New York
- LAW hay carriers—Hackney Mfg. Co., St. Paul, Minn.
- LAWLER'S boiler couplings, boiler feeders, expansion tanks, steam traps—Lawler Regulator Co., 55 W. Houston, New York
- LAW-RE-MO wall finish—W. W. Lawrence & Co., Pittsburgh, Pa.
- LAWRENCE baffle plates—Meek Oven Co., Newburyport, Mass.
- LAWRENCE bobbin holders, spooler guides—Draper Corp., Hopedale, Mass.
- LAWRENCE door hangers—Lawrence Bros., Sterling, Ill.
- LAWRENCE paints, enamels, white & red lead—W. W. Lawrence & Co., Pittsburgh, Pa.
- LAWRENCE pumps—Lawrence Machine Co., 40 Island, Lawrence, Mass.
- LAWSON architectural enamels, railway varnishes—Valentine & Co., 456 Fourth av, New York
- LAWSON garden barrows, freight wagons, store trucks, wood split pulleys—Menasha Wood Split Pulley Co., Menasha, Wis.
- LAWSON gas heaters—Lawson Mfg. Co., Homestead, Pa.
- LAWSON tractors—John Lawson Mfg. Co., New Holstein, Wis.
- LAWSON wire rope tramways—Ambursen Const. Co., 61 Broadway, New York
- LAWSON'S wire rope tramways—Consolidated Tramway Co., Roanoke, Va.
- LAWTER tractors—Lawter Tractor Co., St. Marys, Ohio
- LAYBOY paper stackers—Erie Lay Boy Co., Erie, Pa.
- LAYNE centrifugal pumps—Layne & Bowler Corp., Los Angeles, Cal.
- LA ZIER gas engines—Lazier Gas Engine Co., Buffalo, N. Y.
- LEA water flow recorders—Yarnall-Waring Co., 1001 Harrison bldg, Phila., Pa.
- LEACH locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
- LEACH pattern saw sets—Bullock Mfg. Associates, Springfield, Mass.
- LEA-DEGEN high duty pumps—Nash Engineering Co., South Norwalk, Conn.
- LEA-DUCK waterproof belting—W. H. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
- LEA-SIMPLEX cold-saw cutting-off machines—Lea Equipment Co., Stenton & Wyoming avs, Phila., Pa.
- LEAD ALL reversible pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- LEADER automobile jacks—National-Standard Co., Box 211, Niles, Mich.
- LEADER beet cultivators—Hayes Pump & Planter Co., Galva, Ill.
- LEADER boiler injectors—Randle Machinery Co., Cincinnati, Ohio
- LEADER cement brick machines—Starch Bros. Co., La Crosse, Wis.
- LEADER center grinders—Leader Mfg. Co., Springfield, Ohio
- LEADER cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
- LEADER cone shaped fly traps—Reynolds Wire Co., Dixon, Ill.
- LEADER drag road scrapers—Slusser-McLean Scraper Co., Sidney, Ohio
- LEADER dry batteries—Emil J. Tardie, 240 6th av, New York
- LEADER electric lighting systems, pneumatic water supply systems—Leader Iron Works, 201 Jasper, Decatur, Ill.
- LEADER ensilage cutters—Jos. Dick Mfg. Co., Canton, Ohio
- LEADER envelope machines—Lester & Wasley Co., Norwich, Conn.
- LEADER feed carriers, hay carriers—Milwaukee Hay Tool Co., Milwaukee, Wis.
- LEADER garment hangers, lemon squeezers—Rocky Hill Hardware Co., Rocky Hill, Conn.
- LEADER gas engines—Field Force Pump Co., Elmira, N. Y.
- LEADER gasoline pumps—Eastern Oil Tank Co., Lowell, Mass.
- LEADER glass cutters—Fletcher, Terry Co., Forestville, Conn.
- LEADER grass catchers—Hasseries, Carl, E. 55th & B'way, Cleveland, Ohio
- LEADER grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.
- LEADER horse nails—Standard Horse Nail Co., New Brighton, Pa.
- LEADER hot water heaters—Putnam Foundry & Machine Co., Putnam, Conn.
- LEADER lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
- LEADER nut crackers—Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.
- LEADER range boilers—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.
- LEADER rubber hose, splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- LEADER rural mail boxes—Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.
- LEADER screw drivers—Stanley Rule & Level Co., New Britain, Conn.
- LEADER soldering sets—W. L. Barrett, Bristol, Conn.
- LEADER spark plugs—Bigsby Mfg. Co., Cleveland, Ohio
- LEADER spark plugs—Long Bros., Kokomo, Ind.
- LEADER steam & hot water heaters—Thatcher Furnace Co., 135 W. 35th, New York
- LEADER step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
- LEADER walking cultivators—Hayes Pump & Planter Co., Galva, Ill.
- LEADER waste baling presses—Petroleum Iron Works Co., Sharon, Pa.
- LEADER whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- LEADITE pipe joint compounds—Leadite Co., 106 S. Broad, Phila., Pa.
- LEAGUE'S pneumatic tires—League Tire Co., South Bend, Ind.
- LEAKANOT boot waterproofing—National Rubber Co., 4414 Papin, St. Louis, Mo.
- LEAK-PROOF packing & piston rings—McQuay-Norris Co., 2806 Locust, St. Louis, Mo.
- LEATHER LAC carriage top dressing—Eberson Paint Co., 1822 Morgan, St. Louis, Mo.
- LEATHERLAC carriage top dressing—R. F. Johnston Paint Co., Cincinnati, Ohio
- LEATHEROID automobile trunks—Leatheroid Mfg. Co., Kennebunk, Me.
- LEATHEROID rubber roofing—Union Paper & Twine Co., 125 St. Clair av, N. W. Cleveland, Ohio
- LEATH-R-NU carriage top dressing—Nu-Back Mfg. Co., 114 N. Commercial, St. Louis, Mo.
- LEAVITT cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.
- LE BLOND belt shifters—R. K. Le Blond Machine Tool Co., 4609 Eastern av, Cincinnati, Ohio
- LE CARBONE carbon brushes—W. J. Jeandron, 172 Fulton, New York
- LE CHATELIER pyrometers—S. H. Stupakoff, Pittsburgh, Pa.
- LE CHATELIER pyrometers—Wilson-Maeulen Co., 1 E. 42nd, New York
- LECHLER spark plugs—Rhineland Machine Works, 1737 Broadway, New York
- LECLANCHE battery bars zincs—Matthiessen & Hegeler Zinc Co., La Salle, Ill.
- LECO disconnecting switches, ground connection clamps, switch protectors—Lord Mfg. Co., 105 W. 40th, New York
- LECTROFLATER tire air pumps—Black & Decker Mfg. Co., 111 S. Calvert, Baltimore, Md.
- LEDIC lightning arresters—Lafayette Electric & Mfg. Co., Lafayette, Ind.
- LEDIG KEYSTONE children's vehicles—A. Mecky Co., 1707 Allegheny av, Phila., Pa.
- LEE bread crumbling machines—Goodell Co., Antrim, N. H.
- LEE fuel oil burners—Crossley Machine Co., State & Chestnut av, Trenton, N. J.
- LEE rubber tires—Lee Tire & Rubber Co., Conshohocken, Pa.
- LEE whisk brooms—Lee Broom & Duster Co., Lincoln, Nebr.



- LEEKTITE special piston rings—End-Oxy Appliance Co., 29 N. Willow, Trenton, N. J.  
 LEES BRADNER thread milling machines—Lees-Bradner Co., Cleveland, Ohio  
 LEE'S improved dampered ventilators—Thomas Lee, 129 W. 2nd, Cincinnati, Ohio  
 LEE'S tobacco counter cutters—Landers, Frary & Clark, New Britain, Conn.  
 LEESONA countershafts, bobbin winders, cotton machy., quillers, cone, cop, hosiery, magnet, quill, & yarn winders & textile machy.—Universal Winding Co., 95 South, Boston, Mass.  
 LEFAVOUR'S FAVORITE garden weeder—North Wayne Tool Co., Hallowell, Me.  
 LEFFEL farm boilers—James Leffel & Co., Springfield, Ohio  
 LEGAL oil cans—Delphos Mfg. Co., Delphos, Ohio  
 LEGETT trap shooting traps—Chamberlain Cartridge & Target Co., Cleveland, Ohio  
 LEGG pump governors—Middlesex Machine Co., Lowell, Mass.  
 LEGGETT furniture polish—Leggett & Bros., 301 Pearl, New York  
 LEHIGH bench vises—Bonney Vise & Tool Works, Allentown, Pa.  
 LEHIGH cabinet steel ranges—Lehigh Stove & Mfg. Co., Lehigh, Pa.  
 LEHIGH cement—Lehigh Portland Cement Co., Allentown, Pa.  
 LEHIGH iron bar—Slatington Iron & Steel Co., Slatington, Pa.  
 LEHIGH rock crushers—Lehigh Car Wheel & Axle Works, Catasauqua, Pa.  
 LEHO riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio  
 LEHR beet pullers—Lehr Agricultural Co., Fremont, Ohio  
 LEHR riding cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio  
 LEICH automaphone—Leich Electric Co., Genoa, Ill.  
 LEIDGEN leather unhairing machines—Edw. H. Munkwitz Co., Muskego av, Milwaukee, Wis.  
 LEILA walking cultivators—Hayes Pump & Planter Co., Galva, Ill.  
 LEION rubber bottles—Tyer Rubber Co., Andover, Mass.  
 LEION wash boilers—Rochester Can Co., Rochester, N. Y.  
 LELAND tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 LE LAVAL sight feed lubricators—Nathan Mfg. Co., 416 E. 106th, New York  
 LEMAN oil refining condensers—Petroleum Iron Works Co., Sharon, Pa.  
 LEMANQUAIS electric service boxes—H. T. Paiste Co., Arch & 32nd, Phila., Pa.  
 LEMLEY friction clutches, friction clutch couplings—W. A. Jones Foundry & Machine Co., 4401 W. 12th, Chicago, Ill.  
 LEMOINE automobile springs—Hudson Export & Import Co., 1737 Broadway, New York  
 LENDER steam heaters—Thatcher Furnace Co., 135 W. 35th, New York  
 LENHART farm wagons—Lenhart Wagon Co., Minneapolis, Minn.  
 LENITH kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 LENNOX corn & cob mills, gasoline engines, pitless scales—Lennox Machine Co., 2558 W. 16th, Chicago, Ill.  
 LENNOX hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.  
 LENNOX rotary shears—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.  
 LENOX blotting paper—Eaton-Dikeman Co., Lee, Mass.  
 LENOX lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.  
 LENOX rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 LENOX steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.  
 LENTZ steam engines—Erie City Iron Works, Erie, Pa.  
 LEONARD dinner pails—T. F. Leonard Co., Scranton, Pa.  
 LEONARD metallic window frame—Leonard Sheet Metal Works, Hoboken, N. J.  
 LEONHARDT coal chute wagons, & tower wagons—Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.  
 LEONHARDT power hammers—Chas. Leonhardt, New Ulm, Minn.  
 LEONHART gauge glass preservers—Dunn's Service Co., 608 S. Dearborn, Chicago, Ill.  
 LE PAGE'S glue & belt cements—Russia Cement Co., 3046 Lambdin av, St. Louis, Mo.  
 LEPTYNE turpentine substitute—Patton Paint Co., Milwaukee, Wis.  
 LEROY carpet nails—Milwaukee Tack Co., Milwaukee, Wis.  
 LEROY door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 LESLIE pressure regulators—Leslie Co., Lyndhurst, N. J.  
 LESLIE saw swages—Ajax Mfg. Co., Pittsburgh, Pa.  
 LESMOK partly smokeless powder—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 LESTER saw sets—Bullock Mfg. Associates, Springfield, Mass.  
 LESTER screw machines—Davis Sewing Machine Co., Dayton, Ohio  
 LESTER scroll saws—Millers Falls Co., 28 Warren, New York  
 LETTENY wood preservatives—Northeastern Co., Boston, Mass.  
 LETTERINE show card inks—Thaddeus Davis Ink Co., 97 Vandam, New York  
 LEVALLEY bolt clippers—Chain Belt Co., Milwaukee, Wis.  
 LEVANT cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.  
 LEVIATHAN belting, belt dressing—Main Belting Co., 1219 Carpenter, Philadelphia, Pa.  
 LEVIATHAN iron bar & rod cutters, wire cutters, bar & plate shears—W. B. & C. F. Tucker, 516 Asylum, Hartford, Conn.  
 LEVIATHAN DOVER egg & cream beaters—Dover Stamping & Mfg. Co., Cambridge, Mass.  
 LEVIN pruning shears—Smith, Seymour & Son, Oakville, Conn.  
 LEWIS asphalt fillers, road tar—F. J. Lewis Mfg. Co., 2513 Robey, Chicago, Ill.  
 LEWIS babbitt metal & wire solder—John I. Lewis & Bros. Co., Lafayette bldg, Philadelphia, Pa.  
 LEWIS car stoves—Buda Co., Railway Exchange bldg, Chicago, Ill.  
 LEWIS dusters—Samuel Lewis, 73 Barclay, New York  
 LEWIS hay stackers—O'Neill Implement Co., Marseilles, Ill.  
 LEWIS hydrants—Haydenville Co., Haydenville, Mass.  
 LEWIS machine gun—Savage Arms Corp., Utica, N. Y.  
 LEWIS steel spoke wheels—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
 LEWIS street washers—Haydenville Co., Haydenville, Mass.  
 LEWIS string bean machinery—E. J. Lewis, Middleport, N. Y.  
 LEWIS & KUNZER metallic packing—Aurora Metal Co., Aurora, Ill.  
 LEXINGTON gas ranges—Culter & Proctor Stove Co., Peoria, Ill.  
 LEYNER air compressors, drill sharpening machines, pneumatic rock drills—J. Geo. Leyner Engineering Works Co., Littleton, Colo.  
 LEYNER drill sharpeners & oil furnaces—Ingersoll-Rand Co., 11 Broadway, New York  
 LEYNER-INGERSOLL rock drills—Ingersoll-Rand Co., 11 Broadway, New York  
 LIBBY calf pens—C. A. Libby Co., Oshkosh, Wis.  
 LIBBY turret lathes—International Machine Tool Co., Indianapolis, Ind.  
 LIBERTY BELL lubricating oils & greases—Bell Oil Co., 51 Ferry, St. Louis, Mo.  
 LIBERTY boiler flue & tube cleaners—Liberty Mfg. Co., Pittsburgh, Pa.  
 LIBERTY bronze greens—Harrison's, Inc., 35th & Gray's Ferry rd, Phila., Pa.  
 LIBERTY lawn mowers—American Lawn Mower Co., Muncie, Ind.  
 LIBERTY oil filters, feed water regulators—Elliott Co., Pittsburgh, Pa.  
 LIBERTY old style roofing tin—Merchant & Evans Co., 2035 Washington av., Phila., Pa.  
 LIBERTY packing—H. W. Johns-Manville Co., 41st & Madison av, New York  
 LIBERTY packing, gauge glass washers—Continental Rubber Works, Erie, Pa.  
 LIBERTY trolley harps—New Departure Bell Mfg. Co., Bristol, Conn.  
 LIBERTY BRAND steel letters—Allen, Doane & Co., 29 Cornhill, Boston, Mass.  
 LIBRA air valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 LIDGERWOOD hoists & cableways—Lidgerwood Mfg. Co., 91 Liberty, New York  
 LIEBERKNECHT hosiery knitting machines—Louis Hirsch, 220 5th av, New York  
 LIFE steam heaters—McDonnell Boiler & Iron Works, Des Moines, Ia.  
 LIFE SAVING portable fire escapes—B. B. Neal Hardware Co., 117 Leonard, New York



LIFT THE DOT carriage fasteners—Carr Fastener Co., Boston, Mass.

LIGHTHOUSE feed cutters—A. Buch's Sons Co., Elizabethtown, Pa.

LIGHT HOUSE oil stoves & heaters—Central Oil & Gas Co., Gardner, Mass.

LIGHTNING transformers—Western Electric Co., 463 West, New York

LIGHTNING animal traps—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.

LIGHTNING bench punches—American Lock Nut & Tool Co., Oregon, Ill.

LIGHTNING bench stops—Bonney Vise & Tool Works, Allentown, Pa.

LIGHTNING boiler compounds—J. D. Street & Co., 809 N. 2nd, St. Louis, Mo.

LIGHTNING bottlers' machinery—Chas. Leffler & Co., 71 Clymer, Brooklyn, N. Y.

LIGHTNING bread cutters—Buffalo Specialty Co., Buffalo, N. Y.

LIGHTNING bread knives—Dunn Edge Tool Co., Oakland, Me.

LIGHTNING churns—Hall Bros. Co., West Acton, Mass.

LIGHTNING clod crushers—Cutaway Harrow Co., Higganum, Conn.

LIGHTNING clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.

LIGHTNING crimpers—W. A. Wheeler, Indianapolis, Ind.

LIGHTNING fruit & vegetable parers—Goodell Co., Antrim, N. H.

LIGHTNING fruit & vegetable slicers—Landers, Frary & Clark, New Britain, Conn.

LIGHTNING gas engines, pitless scales, centrifugal pumps, stump pullers—Kansas City Hay Press Co., Kansas City, Mo.

LIGHTNING grass shears—Dunn Edge Tool Co., Oakland, Me.

LIGHTNING hand power punches—American Lock Nut & Tool Co., Oregon, Ill.

LIGHTNING hose couplings—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.

LIGHTNING hose menders—Detroit Coin Wrapper Co., Detroit, Mich.

LIGHTNING ice chippers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.

LIGHTNING insect guns—Thos. W. Houchin Co., 38 E. 21st, New York

LIGHTNING lamp cord adjusters—Frantz Mfg. Co., Sterling, Ill.

LIGHTNING letter openers—Lightning Letter Opener Co., Rochester, N. Y.

LIGHTNING packing—New York Insulated Wire Co., 114 Liberty, New York

LIGHTNING paint & varnish drier—Harrison's, Inc., 35th & Gray's Ferry rd, Phila., Pa.

LIGHTNING pitless scales—Kansas City Hay Press Co., Kansas City, Mo.

LIGHTNING dies & screw plates—Greenfield Tap & Die Corp., Greenfield, Mass.

LIGHTNING sickle grinders—Geo. S. Comstock & Son, Mechanicsburg, Pa.

LIGHTNING smokeless rifle powder—Hercules Powder Co., Wilmington, Del.

LIGHTNING spark plugs—Reflex Ignition Co., Cleveland, Ohio

LIGHTNING spray pumps—D. B. Smith & Co., Utica, N. Y.

LIGHTNING stove pipe & elbow machines—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.

LIGHTNING triple gear mills—L. B. McCarger Feed Mill Co., St. Joseph, Mo.

LIGHTNING tumbler washers—Whiteman Mfg. Co., Canton, Ohio

LIGHTNING valve grinding compounds—Lightning Mfg. Co., Cornish Flat, N. H.

LIGHTNING vegetable cutters—Munnsville Plow Co., Munnsville, N. Y.

LIGHTNING wire stapling machinery—A. Allen & Co., 200 Carpenter, Phila., Pa.

LIGHTNING GUIDE steering sleds—Standard Novelty Works, Duncannon, Pa.

LIGHTNING OPENER wrenches—S. & I. Co., Springfield, Mass.

LIGHTNING PATTERN knives—Wallingford Mfg. Co., Wallingford, Vt.

LIGHTNING RE-SET rat traps—Delphos Mfg. Co., Delphos, Ohio

LIGHT RUNNING egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.

LIGHTWEIGHT carriage lamps—Seiss Mfg. Co., Toledo, Ohio

LIG-LAC wood stains—Chas. Moser Co., Cincinnati, Ohio

LIGNI SALVOR wood preservatives—Wm. Menzel & Son, 64 Broad, New York

LIK-E-NAMEL floor finish—W. W. Lawrence & Co., Pittsburgh, Pa.

LILAC oil tin cans—Delphos Mfg. Co., Delphos, Ohio

LILIENBURG steel casting converters—Exeter Machine Works, Pittston, Pa.

LILIPUT steel measuring tapes—Keuffel & Esser Hoboken, N. J.

LILLIE multiple effects evaporators—Sugar Apparatus Mfg. Co., 328 Chestnut, Phila., Pa.

LILLIPUT blasting batteries—Star Electric Fuse Works, Wilkes-Barre, Pa.

LILLY CUP paper cups—Public Service Cup Co., 168 39th, Brooklyn, N. Y.

LILY rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio

LILY steel ranges—J. M. Ettinger, 70 W. Lake, Chicago, Ill.

LILY white cement—Lily White Cement Co., Nazareth, Pa.

LILY STAR fibre pails—Fibre Corporation, Lockport, N. Y.

LIMESTONE cement—Iron-ton Portland Cement Co., Iron-ton, Ohio

LIMITED motor cycles—Fellbach Motor Co., Weil & Burleigh, Milwaukee, Wis.

LINCOLN automobile wind shields—Bi-Motor Equipment Co., 180 Massachusetts av, Boston, Mass.

LINCOLN clothes washing machines—C. E. Ross, Lincoln, Ill.

LINCOLN kitchen knives—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

LINCOLN night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.

LINCOLN paints, paint & varnish removers, shingle stains—Lincoln Paint & Color Co., Lincoln, Nebr.

LINCOLN trace carriers—North & Judd Mfg. Co., New Britain, Conn.

LINCOLN twist drills—Lincoln-Williams Twist Drills Co., Taunton, Mass.

LINCROSTA WALTON wall coverings—Fr. Beck & Co., 3 W. 39th, New York

LINDEN cotton hose—Boston Belting Co., 84 Linden Park, Boston, Mass.

LINDEN fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

LINDEN lemon squeezers—Gilchrist Co., 236 Bank, Newark, N. J.

LINDENBERG tool steel—Lindenberg Steel Co., 90 West, New York

LINDER road machine & graders—Linder Grader Co., Matthews, Ind.

LINDERMAN glue jointing machines—Linderman Machine Co., Muskegon, Mich.

LINDE'S pop safety valves—J. E. Lonergan Co., 211 Race, Phila., Pa.

LINDHOLM drawn metal grease cups—Lindholm Metal Stamping Co., Camden, N. J.

LINDLEY gasoline strainers—W. H. Lindley Co., Canastota, N. Y.

LINDQUIST wagon tongue supports—Harvey Spring & Forging Co., Racine, Wis.

LINDSEY farm wagons—Lindsey Wagon Co., Laurel, Miss.

LINDSTROM brake handles—Dayton Mfg. Co., Dayton, Ohio

LINEOGRAPH duplicators—Lineograph Co., 112 Fulton, New York

LINK-BELT disc friction clutches, electric hoists, locomotive cranes, meat slicing machines, roller chain, safety elevator boots, silent chain, undercut gates & hooded chutes—Link-Belt Co., 39th & Stewart av, Chicago, Ill.

LINN tire applying machines—Ross Mach. Mfg. Co., Jamestown, N. Y.

LIN-O-CORE oils—Thompson & Co., Pittsburgh, Pa.

LINOFELT deadening felts—Union Fibre Co., Winona, Minn.

LINOGRIP linoleum cements—Pulsifer, Kingston Co., 19 Elliot, Boston, Mass.

LINOIL core oils—Werner G. Smith Co., Hird & N. Peate, Cleveland, Ohio

LINOLAC insulating paints, paper, tape, varnishes—Mica Insulator Co., 68 Church, New York

LINO-O-LAC varnish substitutes—C. H. Boley Co., Randolph & Erie av, Phila., Pa.

LINOLEUM corn washers—Armstrong Cork Co., Pittsburgh, Pa.

LIN-O-LIN linseed oil substitutes—C. H. Boley Co., 372 N. Randolph, Phila., Pa.

LINOTILE sanitary flooring—Armstrong Cork & Insulation Co., Pittsburgh, Pa.

LINOWELT insulating paper—Union Fibre Co., Winona, Minn.



- LINSTROM suction pipe—Western Railway Equipment Co., Central Nat. Bank bldg, St. Louis, Mo.
- LINSTROTH farm wagons—Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.
- LINTZ & ECKHART embroidery machines—Dubrow & Hearne Mfg. Co., 12 Wooster, New York
- LION automobile truck trailers—Lion Buggy Co., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio
- LION belt lacing—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
- LION core compounds—Keystone Foundry Supply Co., Buffalo, N. Y.
- LION electric blasting apparatus, electric detonators—Aetna Explosives Co., 120 Broadway, New York
- LION ensilage cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- LION folding rules—Adolph Strauss & Co., 678 Broadway, New York
- LION grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- LION hay tedders—Ohio Rake Co., Dayton, Ohio
- LION heel plates—Root-Health Mfg. Co., Plymouth, Ohio
- LION hot air furnaces—Youngstown Furnace Co., Youngstown, Ohio
- LION incandescent gas mantles—S. S. Momand Light Co., 336 Columbus av, New York
- LION metallic packing—James Walker & Co., 27 Thames, New York
- LION paints—St. Paul White Lead & Oil Co., St. Paul, Minn.
- LION steam & hot water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg, Pittsburgh, Pa.
- LION traction engines—Lion Tractor Co., Minneapolis, Minn.
- LION wall finish—Ohio & Western Lime Co., Huntington, Ind.
- LION water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- LIONESS aluminum solder—United Foundry & Machine Co., Bridgeport, Conn.
- LION HEAD seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
- LIP packing—Crandall Packing Co., Palmyra, N. Y.
- LIPE-WALRATH broom sewing machines—Alphonso Walrath Co., Fort Plain, N. Y.
- LIPPINCOTT axes—American Axe & Tool Co., Glassport, Pa.
- LIPPY blow-off valves—Chicago Mfg. Co., 1464 S. Michigan av, Chicago, Ill.
- LIQUID KONKERIT exterior paints—Toch Bros., 320 5th av, New York
- LIQUID LIGHT interiors mill finish—Harrison's, Inc., 35th & Gray's Ferry rd, Philadelphia, Pa.
- LIQUID SEAL fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
- LIQUID VENEER furniture polish—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
- LIRIO water closets—Humphryes Mfg. Co., Mansfield, Ohio
- LISK nickel plated copper ware, tinware, enameled specialties—Lisk Manufacturing Co., Canandaigua, N. Y.
- LITCHFIELD manure spreaders—Litchfield Mfg. Co., Waterloo, Ia.
- LITH deadening felts—Union Fibre Co., Winona, Minn.
- LITHOLINE medicinal petroleum oils—Union Petroleum Co., Widener bldg., Phila., Pa.
- LITHOWITE silica—Bridgeport Wood Finishing Co., New Milford, Conn.
- LITTLE BEAUTY dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
- LITTLE BEAUTY kerosene night lamps—Silver & Co., 304 Hewes, Brooklyn, N. Y.
- LITTLE BEN hand vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
- LITTLE BLACKSMITH hand power punches—J. F. Kidder Mfg. Co., Burlington, Vt.
- LITTLE BLACKSMITH portable punches & shears—J. F. Kidder Mfg. Co., Burlington, Vt.
- LITTLE BOSS concrete mixers—American Cement Machine Co., Keokuk, Ia.
- LITTLE BOY cultivators—King & Hamilton Co., Ottawa, Ill.
- LITTLE BUSTER riding listers—Racine-Sattley Co., Springfield, Ill.
- LITTLE CHAMPION pneumatic rock drills—Wickes Bros., Jersey City, N. J.
- LITTLE COMFORT sewing machines—Smith & Egge Mfg. Co., Bridgeport, Conn.
- LITTLE CORPORAL tack claws & pullers—Fletcher-Terry Co., Forestville, Conn.
- LITTLE DANDY dumb waiter—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.
- LITTLE DANDY ice cream freezers—Thomas-Peter Co., Canton, Ohio
- LITTLE DAVID pneumatic drills & hammers—Ingersoll-Rand Co., 11 Broadway, New York
- LITTLE DEVIL concrete mixers—Chicago Builders Specialties Co., 11 S. La Salle, Chicago, Ill.
- LITTLE DEVIL tractors—Hart-Parr Co., Charles City, Ia.
- LITTLE DUKE riding listers—Peru Plow & Wheel Co., Peru, Ill.
- LITTLE DUTCHMAN gang plows—Moline Plow Co., Moline, Ill.
- LITTLE GEM can openers—Taylor Mfg. Co., Hartford, Conn.
- LITTLE GEM Christmas tree holders—Peck Hardware Mfg. Co., Berlin, Wis.
- LITTLE GEM farm wagons—Acme Wagon Co., Emigsville, Pa.
- LITTLE GEM garden cultivators—Hartman Mfg. Co., Vincennes, Ind.
- LITTLE GEM incandescent cut-outs—Pass & Seymour, Solvay, N. Y.
- LITTLE GEM spark plugs—Electrolamp Co., Detroit, Mich.
- LITTLE GEM spray pumps—Field Force Pump Co., Elmira, N. Y.
- LITTLE GEM street sprinkling carts—Studebaker Corp., South Bend, Ind.
- LITTLE GEM tack claws & pullers—Turner & Deegan, Bristol, Conn.
- LITTLE GEM water heaters—Abendroth Bros., Port Chester, N. Y.
- LITTLE GIANT automobile wheel pullers—Premier Electric Co., 1123 S. Wabash av, Chicago, Ill.
- LITTLE GIANT bobbin holders—Roney & Rae Co., Woonsocket, R. I.
- LITTLE GIANT boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.
- LITTLE GIANT can openers—Bradley & Farnham, Middlefield, Conn.
- LITTLE GIANT can openers—Ellis Mfg. Co., Milldale, Conn.
- LITTLE GIANT cellar drainers—Chicago Pump Co., 900 W. Lake, Chicago, Ill.
- LITTLE GIANT cement brick machines—La Grange Machine Works, La Grange, Ind.
- LITTLE GIANT cockeyes—Frazer & Jones Co., Syracuse, N. Y.
- LITTLE GIANT coffee & peanut pickers, threshers—Heebner & Sons, Lansdale, Pa.
- LITTLE GIANT commercial gasoline cars—convert-a-car truck units; pneumatic piston drills & wood boring machines—Chicago Pneumatic Tool Co., Fisher bldg., Chicago, Ill.
- LITTLE GIANT corn cutting machines—Moss Bros. Mfg. Co., Davenport, Ia.
- LITTLE GIANT corn shellers—Root-Heath Mfg. Co., Plymouth, Ohio
- LITTLE GIANT cotton presses—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.
- LITTLE GIANT dies & screw plates—Greenfield Tap & Die Corp'n, Greenfield, Mass.
- LITTLE GIANT dish washing machines—National Dish Washer Co., Binghamton, N. Y.
- LITTLE GIANT drill chucks—Westcott Chuck Co., Oneida, N. Y.
- LITTLE GIANT dumb waiters—Energy Elevator Co., 214 New, Philadelphia, Pa.
- LITTLE GIANT expansion bolts & screw sleeves—Stannard Mfg. Co., 371 Allen, Springfield, Mass.
- LITTLE GIANT fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.
- LITTLE GIANT feed cutters—E. W. Ross Co., Springfield, Ohio
- LITTLE GIANT floor scraping machines—Hurley Machine Co., 31 S. Clinton, Chicago, Ill.
- LITTLE GIANT folding sleds—Richards-Wilcox Mfg. Co., Aurora, Ill.
- LITTLE GIANT force pumps—J. E. Kennedy, 30 E. 42nd, New York
- LITTLE GIANT foundry vibrators—Whitehead Bros. Co., 537 W. 27th, New York
- LITTLE GIANT fruit jar wrenches, wire stretchers—Arcade Mfg. Co., Freeport, Ill.
- LITTLE GIANT fuel oil burners, pump governors—G. E. Witt Co., 862 Howard, San Francisco, Cal.
- LITTLE GIANT garden cultivators, celery hillers—Ohio Cultivator Co., Bellevue, Ohio
- LITTLE GIANT gasoline hoists—Brown Clutch Co., Sandusky, Ohio
- LITTLE GIANT gauge cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
- LITTLE GIANT grass hooks—H. S. Earle Mfg. Co., Detroit, Mich.
- LITTLE GIANT hay presses—Junior Monarch Hay Press Co., San Leandro, Cal.
- LITTLE GIANT holder wrenches—Wolverine Supply & Mfg. Co., Pittsburgh, Pa.



LITTLE GIANT hub boring machines—Abbott & Co., Hudson, Mich.  
 LITTLE GIANT ice breakers—G. S. Blakeslee & Co., 2856 Quinn, Chicago, Ill.  
 LITTLE GIANT ice tongs—Hutchins-Kilbourne Co., Buffalo, N. Y.  
 LITTLE GIANT ice tongs—Parks & Parks, Troy, N. Y.  
 LITTLE GIANT jack screws—L. S. Starrett Co., Athol, Mass.  
 LITTLE GIANT laundry stoves—Pierce, Butler & Pierce Mfg. Corp., 437 E. 162d, New York  
 LITTLE GIANT lemon squeezers—Landers, Frary & Clark, New Britain, Conn.  
 LITTLE GIANT linemen's splicing clamps—Irvington Mfg. Co., Irvington, N. J.  
 LITTLE GIANT marine engine—Duluth Gas Engine Works, Duluth, Minn.  
 LITTLE GIANT neck yokes & neck yoke centers—A. H. Conn, Cedar Rapids, Ia.  
 LITTLE GIANT porch swings—Modern Mfg. Co., Hagerstown, Md.  
 LITTLE GIANT portable grain elevators—Portable Elevator Mfg. Co., Bloomington, Ill.  
 LITTLE GIANT post hole diggers—F. E. Kohler Co., Canton, Ohio  
 LITTLE GIANT potato diggers—Ohio Rake Co., Dayton, Ohio  
 LITTLE GIANT potato sprayers, insecticide dusters—Leggett & Bro., 301 Pearl, New York  
 LITTLE GIANT pruning saws—Henry Disston & Sons, Tacony, Phila., Pa.  
 LITTLE GIANT punches—Excelsior Tool & Machine Co., 32nd & Ridge, East St. Louis, Ill.  
 LITTLE GIANT punching & shearing machinery—Little Giant Punch & Shear Co., Sparta, Ill.  
 LITTLE GIANT riveting machines—A. Williams, Ravenna, Ohio  
 LITTLE GIANT rock drills—Ingersoll-Rand Co., 11 Broadway, New York  
 LITTLE GIANT scoops—Edw. J. Bissell, Milford, Mich.  
 LITTLE GIANT screen door braces—Automatic Door Catch Co., Harvey, Ill.  
 LITTLE GIANT scythes—North Wayne Tool Co., Hallowell, Me.  
 LITTLE GIANT shaft couplings—Thomas Coupling Co., Troy, Pa.  
 LITTLE GIANT spike pullers—J. E. Jones, Centerville, Ia.  
 LITTLE GIANT spray pumps—F. E. Myers & Bro., Ashland, Ohio  
 LITTLE GIANT steam heaters—Giblin & Co., Utica, N. Y.  
 LITTLE GIANT steam traps—Jno. F. Robertson Co., Park bldg. Pittsburgh, Pa.  
 LITTLE GIANT stokers—Hamler Boiler & Tank Co., 3906 S. Halsted, Chicago, Ill.  
 LITTLE GIANT tack claws & pullers—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 LITTLE GIANT tackle blocks—Pittsburgh Block & Mfg. Co., N. S., Pittsburgh, Pa.  
 LITTLE GIANT tire setters—Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.  
 LITTLE GIANT tube cleaners—Poole Mfg. Co., 325 Columbus av, Boston, Mass.  
 LITTLE GIANT vises, axle setters, blacksmiths' drilling machines—B. B. Noyes & Co., Greenfield, Mass.  
 LITTLE GIANT water wheels—Munson Bros. Co., Utica, N. Y.  
 LITTLE GIANT wire fence machines—Eureka Fence Mfg. Co., Richmond, Ind.  
 LITTLE GIANT wire splicers—Wagner Mfg. Co., Cedar Falls, Ia.  
 LITTLE GIANT wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 LITTLE GIANT wood planing machines—Fisher & Davis Mfg. Co., 934 N. First, St. Louis, Mo.  
 LITTLE HUSTLER battery motors—Knapp Electric & Novelty Co., 511 W. 51st, New York  
 LITTLE IOWA power hammers—Modern Sales Co., Hampton, Ia.  
 LITTLE JEWEL Christmas tree holders—Peck Hardware Mfg. Co., Berlin, Wis.  
 LITTLE JOE cultivators—Towers & Sullivan Mfg. Co., Rome, Ga.  
 LITTLE JOE rail benders—What Cheer Tool Co., What Cheer, Ia.  
 LITTLE MONITOR hose nozzles—Central Brass & Stamping Co., Peoria, Ill.  
 LITTLE NIAGARA air washers—Narowetz Heating & Ventg. Co., 225 W. Lake, Chicago, Ill.  
 LITTLE POLLY corn brooms—Harrah & Stewart Mfg. Co., Des Moines, Ia.  
 LITTLE RHODY electric lamp flashlights—Providence Electric Mfg. Co., 23 Broad, Providence, R. I.

LITTLE SAMSON engine & boiler—Straton & Bragg Co., Petersburg, Va.  
 LITTLE SCHEONER counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.  
 LITTLE STAR fruit & vegetable parers—Hudson Parer Co., Leominster, Mass.  
 LITTLE TIGER door checks & springs—Automatic Door Catch Co., Harvey, Ill.  
 LITTLE TUGGER portable hoists—Ingersoll-Rand Co., 11 Broadway, New York  
 LITTLE WONDER coal drills—Wantling Favorite Coal Drill Co., Peoria, Ill.  
 LITTLE WONDER coffee percolators—Economic Percolator Co., 265 Broadway, New York  
 LITTLE WONDER concrete mixers—Waterloo Cement Machinery Corp., Waterloo, Ia.  
 LITTLE WONDER disc sharpeners—A. E. Durner, Evansville, Wis.  
 LITTLE WONDER hose menders—F. E. Kohler Co., Canton, Ohio  
 LITTLE WONDER spray pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 LITTLE WONDER stocks & dies—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.  
 LITTLE WONDER tire vulcanizers—Rice & Dayton Mfg. Co., Cedar Falls, Ia.  
 LITTLE WONDER tool kits—C. E. Jennings & Co., 71 Murray, New York  
 LITTLE YANKEE land graders—Ohio Road Machinery Co., Oberlin, Ohio  
 LITTLE YANKEE pencil sharpeners—Whiteacre-Goshert Co., Rockford, Ill.  
 LIVE OAK belting, rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 LIVE STEAM packing—A. W. Chesterton Co., 64 India, Boston, Mass.  
 LIVERPOOL grate settings—Henry Maurer & Son, 420 E. 23rd, New York  
 LLOYD by-pass valves—Lloyd Construction Co., Detroit, Mich.  
 LLOYD'S crushing rolls—Wilmot Engineering Co., Hazleton, Pa.  
 LOBDELL wood rims—American Wood Rim Co., Onaway, Mich.  
 LOBSTER-CLAW battery connectors—Tregoning Electric Mfg. Co., Cleveland, Ohio  
 LOCHMAN wood carving machines—Curtis Mach. Corp., Jamestown, N. Y.  
 LOCK Grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 LOCKE electric cable hangers—Cameron Appliance Co., Everett, Mass.  
 LOCKE electric portable drills—Electric Tachometer Co., Perry bldg. Phila., Pa.  
 LOCKE EXTENSION master grip frames—H. G. Thompson & Son Co., New Haven, Conn.  
 LOCKE & JEWEL hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.  
 LOCKE'S damper regulators—Locke's Regulator Co., Salem, Mass.  
 LOCKE'S levels—David White Co., 419 E. Water, Milwaukee, Wis.  
 LOCKE'S levels, Keuffel & Esser, Hoboken, N. J.  
 LOCKHART pipe nipple holders—R. Jas. Lockhart, 201 Millvale, Pittsburgh, Pa.  
 LOCKIT towel racks—Samuel Lewis, 73 Barclay, New York  
 LOCK JAW file handles—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.  
 LOCK JAW steel toe-calks—Key-Calk Horse Shoe Mfg. Co., Oshkosh, Wis.  
 LOCK JOINT steel ceilings—F. O. Schoedlinger, Columbus, Ohio  
 LOCK LEVER post hole diggers—Buckeye Mfg. Co., Canton, Ohio  
 LOCK-ON handles—Electric Service Supplies Co., Phila., Pa.  
 LOCK-TITE oily waste cans—Keyes-Davis Co., Battle Creek, Mich.  
 LOCKWOOD range boiler stands—Central Foundry Co., 90 West, New York  
 LOCO crucible steel—Atlas Crucible Steel Co., Dunkirk, N. Y.  
 LOCO magic purifier—Loew Mfg. Co., Cleveland, Ohio  
 LO-CO shaking grates—Kramer Bros. Foundry Co., Dayton, Ohio  
 LODGEWICK'S portable fire escapes—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 LODGE spark plugs—Marburg Bros., 90 West, New York  
 LOETZER valve & service boxes, double gate valves, fire hydrants—Loetzer Valve & Mfg. Co., ft. of Adams, Troy, N. Y.  
 LOEW ale filters—Lowe Mfg. Co., Cleveland, Ohio  
 LOGAN hot water radiators—Logansport Radiator & Equipment Co., Logansport, Ind.  
 LOKIN toilet paper holders—American Brass Novelty Co., Grand Haven, Mich.



- LOMBARD friction clutches—Holyoke Machine Co., Worcester, Mass.  
 LONDON automobile wind shields—London Auto Supply Co., 2540-8 Wabash av, Chicago, Ill.  
 LONDON cloth finishing presses—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio  
 LONDON dusters—S. Levy, 618 New Market, Phila., Pa.  
 LONE STAR cement—Texas Portland Cement Co., Cement, Texas.  
 LONE STAR cotton planters—J. I. Chase Plow Works, Racine, Wis.  
 LONE STAR paints, wood preservatives—Reeves Co., 805 Howard av, New Orleans, La.  
 LONG automobile horns—G. Piel Co., 29 13th, Long Island City, N. Y.  
 LONG chain quillers—Whitin Machine Works, Whitinsville, Mass.  
 LONG distance spark plugs—Long Distance Spark Plug Co., Indianapolis, Ind.  
 LONG steel tray barrows—Miller & Coulson, Diamond Bank bldg., Pittsburgh, Pa.  
 LONG BEACH seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.  
 LONG LIFE carbon brushes—Speer Carbon Co., St. Marys, Pa.  
 LONG LIFE leather packing—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.  
 LONG LIFE packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 LONG LIFE rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.  
 LONG RANGE arbor presses—United Engine & Mfg. Co., Hanover, Pa.  
 LONG SAUT cable supporting clamps—Diamond Expansion Bolt Co., 89 West, New York  
 LONG'S machinists' clamps—Crescent Forgings Co., Oakmont, Pa.  
 LONGWEAR asbestos brake lining—Asbestos & Rubber Works of N. J., Camden, N. J.  
 LONGYEAR core drills—E. J. Longyear Co., Minneapolis, Minn.  
 LOOK & LINCOLN farm wagons—Look-Lincoln, Marion, Va.  
 LOOKOUT alarm clocks—Western Clock Co., La Salle, Ill.  
 LOOMIS oil engines—Johnston & Jennings Co., 577 Addison rd, Cleveland, Ohio  
 LOOMIS-PETTIBONE gas producers—Worthington Pump & Machy. Corp., 115 Broadway, New York  
 LOOSE DUCK packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 LORD BALTIMORE car trucks—Baltimore Car Wheel Co., Fulton Station, Baltimore, Md.  
 LORD & BURNHAM hot water heaters—Lord & Burnham Co., Irvington, N. Y.  
 LORD'S boiler compounds—Henry Lord Chemical Co., 1628 Moreland av, Baltimore, Md.  
 LOROL belt dressing—Viscol Co., Cambridge, Mass.  
 LOSANT rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio  
 LO SWING turning lathes—Fitchburg Machine Works, Fitchburg, Mass.  
 LOTHROP belt awls—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.  
 LOUDEN barn door hangers, hay carriers, hay fork pulleys—Louden Machinery Co., Fairfield, Ia.  
 LOUISIANA hoes—Union Fork & Hoe Co., Columbus, Ohio  
 LOUISVILLE-AVERY traction engines—B. F. Avery & Sons, Louisville, Ky.  
 LOUISVILLE SLUGGER baseball bats—J. F. Hille-rich & Sons Co., Louisville, Ky.  
 LOURIE-NO-SMOKE forge holders—Lourie Mfg. Co., Springfield, Ill.  
 LOVEJOY carbureters—Hoyt Electrical Instrument Works, Penacook, N. H.  
 LOVEJOY old man drilling posts—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.  
 LOVELL skylight ventilating apparatus—G. Drouve Co., 40 Tulip, Bridgeport, Conn.  
 LOVELL'S metallic choker rat traps—Lovell Mfg. Co., Erie, Pa.  
 LOW manure spreaders—International Harvester Company of America (Inc.), 702 Harvester bldg., Chicago, Ill.  
 LOWATT incandescent electric lamps—Edison Lamp Works of G. E. Co., Harrison, N. J.  
 LOWDEN oil extractors—C. Jacobs & Co., 258 Franklin, Boston, Mass.  
 LOWE feed water heaters, tubular boilers—Bridgeport Boiler Works Co., Bridgeport, Conn.  
 LOWE gas engines—Lowe Bros. Machine & Engine Works, Columbus, Ohio  
 LOWE staybolt breakers—Williams, White Mfg. Co., Moline, Ill.  
 LOWELL hand vises—Lowell Wrench Co., Worcester, Mass.  
 LOWEST LOW-DOWN manure spreaders—New Idea Spreader Co., Coldwater, Ohio  
 LOWRIE wall safes—Lowrie Safe & Lock Mfg. Co., 400 N. Oakley blvd., Chicago, Ill.  
 LOWVOLT transformers—Campbell Electric Co., 17 Stewart, Lynn, Mass.  
 LOXON enameled metal tile—Penn Metal Co., 201 Devonshire, Boston, Mass.  
 LOXON lamp guards—McGill Mfg. Co., Valparaiso, Ind.  
 LUBRAUTINE grease—Wm. C. Robinson & Son Co., 32 South, Baltimore, Md.  
 LOXPRING harness snaps—North & Judd Mfg. Co., New Britain, Conn.  
 LUBRICENE lubricating oils & greases—Northern Chemical Co., Cleveland, Ohio  
 LUBRICOOL cutting & drilling compounds—Farr Mfg. Co., Tonawanda, N. Y.  
 LUBRIKO lubricating oils & greases—Commercial Lubricating Co., cor. Meadow & Jackson, Philadelphia, Pa.  
 LUBROBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.  
 LUBROLEINE lubricating oils & greases—Fiske Bros. Refining Co., 76 Esther, Newark, N. J.  
 LUBRON packing—Lubron Co., Everett, Mass.  
 LUBRO VISCO lubricating oils & greases—Post & Lester Co., Hartford, Conn.  
 LUB-WELL cutting & drilling compounds—G. Whitfield Richards, 1732 Carlton, Phila., Pa.  
 LUCAS belt sanding machines—Curtis Machine Corp., Jamestown, N. Y.  
 LUCAS chain tape—J. C. Ulmer Co., Cleveland, Ohio  
 LUCAS power presses—Lucas Machine Tool Co., Cleveland, Ohio  
 LUCAS power pumps—Lucas Pump Co., Dayton, Ohio  
 LUCAS switches, spring rail frogs—Cleveland Frog & Crossing Co., Cleveland, Ohio  
 LUCASEAL enamels—John Lucas & Co., 322 Race, Phila., Pa.  
 LUCEO glass shades—Jefferson Glass Co., Follansbee, W. Va.  
 LUCKIE steel fishing rods—Horton Mfg. Co., Bristol, Conn.  
 LUCKY HIT cultivators—Racine-Sattley Co., Springfield, Ill.  
 LUCKY HORSE SHOE savings banks—Victor M. Grab & Co., 1 Ashland blk, Chicago, Ill.  
 LUCKY STRIKE babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio  
 LUDINGTON'S copy holders—Beaton & Cadwell Mfg. Co., New Britain, Conn.  
 LUDLOW railway track drills—Johnston & Jennings Co., Cleveland, Ohio  
 LUDLOW valves—Ludlow Valve Mfg. Co., ft. of Adams, Troy, N. Y.  
 LUDOWICI-CELADON roofing tile—Ludowici-Celadon Co., Monroe bldg., Chicago, Ill.  
 LUEDINGHAUS farm wagons—Luedinghaus-Espenschied Wagon Co., 1717 N. Broadway, St. Louis, Mo.  
 LUHRIG elevator buckets & jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.  
 LUITWIELER fire engines, pumping engines—Luitwiler Pumping Engine Co., Rochester, N. Y.  
 LUKENS babbitt metal—Lukens, Thos. F. Metal Co., 238 N. 4th, Philadelphia, Pa.  
 LUKENS boiler flue & tube cleaners—Seehausen, Wehrs & Co., 173 N. Franklin, Chicago, Ill.  
 LULL & PORTER blind hinges—Grey Iron Casting Co., Mt. Joy, Pa.  
 LUMBERMAN'S hand carts—A. Streich & Bro. Co., Oshkosh, Wis.  
 LUMEN bearings—Lumen Bearing Co., Buffalo, N. Y.  
 LUMINO metal polish—F. T. Lord Polish Co., Cambridge, Mass.  
 LUNA aluminum paints—Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.  
 LUNA bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio  
 LUNA electric illuminated signs—Haller Sign Works, 570 Fulton, Chicago, Ill.  
 LUNDELLS dynamo & motors, electric ceiling fans—Sprague Electric Works, 527 W. 34th, New York  
 LUNDIN electric fault finders—Lundin Electric & Machine Co., 10 Thatcher, Boston, Mass.  
 LUNDY gasoline blast furnaces, fire-pots—Double Blast Mfg. Co., North Chicago, Ill.  
 LUNCEN door switches, electric bells—Edwards & Co., 140th & Exterior, New York  
 LUNG MOTOR respirators—Life Saving Devices Co., Cham. of Commerce bldg., Chicago, Ill.  
 LUPOS porch columns—American Veneer Column Co., 913 Grand, Brooklyn, N. Y.



- LUPTON metallic window frame—David Lupton's Sons Co., Allegheny av & Tulip, Phila., Pa.  
 LUSTER FINISH carriage top dressing—Endurance Autoil Co., Muncie, Ind.  
 LUSTRA architectural varnishes—Murphy Varnish Co., McWhorter, Newark, N. J.  
 LUSTRE CREME metal polish—F. T. Lord Polish Co., Cambridge, Mass.  
 LUSTREINE liquid polish—Oscar Schlegel Mfg. Co., 111 E. 12th, New York  
 LUSTRO floor finish—Hanna Paint Mfg. Co., Columbus, Ohio  
 LUSTRO furniture polish—W. W. Lawrence & Co., Pittsburgh, Pa.  
 LUTECA red lead—Wm. Waterall & Co., Camden, N. J.  
 LUTHE shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.  
 LUTHER hand power drills—Luther Grinder Mfg. Co., Milwaukee, Wis.  
 LUTZ electric wiring mouldings—American Circular Loom Co., Chelsea, Mass.  
 LUTZ wrenches—Lutz-Webster Engineering Co., 3103 Gray's Ferry av, Phila., Pa.  
 LUXFER prism lights & expanded metal lath—American Luxfer Prism Co., Heyworth bldg., Chicago, Ill.  
 LUXOR shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.  
 LUXURIA portable shower baths—A. Weiskittel & Son Co., 12th & E. Lombard, Baltimore, Md.  
 LUXURY folding seats—Hodge & Graves Co., Amesbury, Mass.  
 LUXURY radical gas heaters—Lawson Mfg. Co., Homestead, Pa.  
 LYCOMING gasoline engines—Lycoming Foundry & Machine Co., Williamsport, Pa.  
 LYHNE shade holders—E. H. Freeman Electric Co., Trenton, N. J.  
 LYLE yacht cannons—David Kahnweiler's Sons, 260 Front, New York  
 LYMAN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 LYNCH automobile chain locks—Edw. B. Stimpson Co., 68 Franklin av, Brooklyn, N. Y.  
 LYNN sewer gas traps—Central Foundry Co., 90 West, New York  
 LYON heel stiffeners—Stowell Co., So. Milwaukee, Wis.  
 LYON iron & steel roofing & siding stove pipe & elbows—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.  
 LYON lawn mowers—S. P. Townsend & Co., Orange, N. J.  
 LYON steel factory equipment, lockers, benches, racks, partitions, desks, tables, trucks—Lyon Metallic Mfg. Co., Aurora, Ill.  
 LYONS automobile wind shields—Hugh Lyons & Co., Lansing, Mich.  
 LYONS fanning mills—Nagley Mfg. Co., Lyons, N. Y.  
 LYSTER skylight ventilating apparatus—Lyster Sheet Metal Co., 1216 Filbert, Phila., Pa.  
 LYTESTRONG pressed steel shaft hangers—Bond Foundry & Machine Co., Manheim, Pa.  
 LYTTON blow-off valves, pressure regulators, steam traps—Lytton Mfg. Corp., Franklin, Va.  
 M belting—Moloney Belting Co., 301 W. Randolph, Chicago, Ill.  
 M valves—Milwaukee Valve Co., 139 Burrell, Milwaukee, Wis.  
 M. B. C. roofing cements—Eagle Paint & Varnish Co., N. S. Pittsburgh, Pa.  
 M. B. P. carbon paper & typewriter ribbons—Miller-Bryant-Pierce Co., Aurora, Ill.  
 M-C gear hobbers & gears—Meisselbach Catucci Mfg. Co., 25 Congress, Newark, N. J.  
 M. C. lubricating oils & greases—Mound City Oil & Supply Co., 204 N. Commercial, St. Louis, Mo.  
 M-C rail track mixers—Marsh-Capron Mfg. Co., Old Colony bldg., Chicago, Ill.  
 M. C. B. car wheels—Birmingham Car & Mfg. Co., Birmingham, Ala.  
 M. C. B. corn brooms—Mass. Commission for the Blind, Cambridge, Mass.  
 M-C-K elevator safety devices—Surety Guard Co., 62 E. Lake, Chicago, Ill.  
 M. C. S. asbestos brake lining, clutch compounds, spark plugs—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.  
 M. D. S. power vacuum cleaners—Clayton-Marlbrough Mfg. Co., Rochester, N. Y.  
 M. H. ball cocks—Exeter Brass Works, Exeter, N. H.  
 M. I. C. insulating compounds, paints, paper—Mica Insulator Co., 68 Church, New York  
 M. I. F. Co., boat anchors, cleats, hooks, row-locks, chain shackles, cut spikes, zinc coated nails, engine & machine oilers—Malleable Iron Fittings Co., Branford, Conn.  
 M. I. F. Co. malleable pipe tees—National Tube Co., Frick bldg., Pittsburgh, Pa.  
 M. I. W. range boiler stands—Modern Iron Works, Quincy, Ill.  
 M. K. disc harrows—Kingman Plow Co., Peoria, Ill.  
 M. K. & T. weed burners—Commonwealth Steel Co., Pierce bldg., St. Louis, Mo.  
 M. L. B. clutch linings—Milwaukee Leather Belting Co., 499 12th, Milwaukee, Wis.  
 M. P. floor finish—Glidden Varnish Co., Cleveland, Ohio  
 M. P. rust proof coating—B. Binswanger & Co., 827 N. 3rd, Phila., Pa.  
 M-R-V crucible furnaces—J. B. Wise, Watertown, N. Y.  
 M. S. C. carbon removers—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.  
 M. V. B. ball cocks, closet seat hinges, flushing valves—Morency-Van Buren Mfg. Co., Sturgis, Mich.  
 M. & B. carbureters—A. R. Mosler & Co., Webster & Wakefield ave, New York  
 M. & B. gaff hooks—A. F. Meisselbach Bros., 29 Congress, Newark, N. J.  
 M. & B. sucker rod sockets—Masseth Packer & Machine Works, Butler, Pa.  
 M. & D. stoves, steel ranges—Mason, Davis & Co., 7740 S. Chicago av, Chicago, Ill.  
 M. & F. extra heavy unions—National Tube Co., Frick bldg., Pittsburgh, Pa.  
 M. & H. feed & litter carriers—Miller & Hay Mfg. Co., Wauseon, O.  
 M. & I. hand torches, sheet steel oilers—Walter Mfg. Co., Pittsburgh, Pa.  
 M. & M. diamond metal polish—Motor & Machinists Supply Co., Kansas City, Mo.  
 M. & M. hog knives & grinders—Mitts & Merrill, Saginaw, Mich.  
 M. & M. pneumatic tires—Morgan & Marsh All Rubber & Tire Co., E. Liverpool, Ohio  
 M. & M. tire cements—M. & M. Mfg. Co., Akron, Ohio  
 M. & S. automobile magneto igniters—Sleeper Co., Fowler, Ind.  
 M. & S. Co. carriage top dressing—Moller & Schumann Co., Marcy av, Brooklyn, N. Y.  
 M. & W. paper mill screens—Moore & White Co., N. 15th & Lehigh av, Phila., Pa.  
 McALEER wash boilers—E. J. McAleer & Co., 1422 N. 8th, Phila., Pa.  
 McARTHUR portable fire escapes—McArthur Portable Fire Escape Co., Cleveland, Ohio  
 McAULEY steam traps—McAuley Automatic Trap Co., 3rd & Penn., Pittsburgh, Pa.  
 McAULIFFE bath & basin traps—McAuliffe Non-Siphoning Trap Co., Chelsea, Mass.  
 McBEAN steel ranges—Daniel Mahoney & Sons, 17 Main, Buffalo, N. Y.  
 McBRIDE electric glove stretchers—C. L. McBride Mfg. Co., Toledo, Ohio  
 McC inspectors compound bench plates—A. P. McCulloch Machine Co., 216 High, Boston, Mass.  
 McCABE door hangers—McCabe Hanger Mfg. Co., 425 W. 25th, New York  
 McCADDEN leakless piston rings—McCadden Machine Works, St. Cloud, Minn.  
 McCANNA'S thread cutting tools—John M. Rogers Works, Gloucester, N. J.  
 McCANN'S spreader cars—Mann & McCann Co., Fisher bldg., Chicago, Ill.  
 MCCARTHY'S baggage racks—Rostand Mfg. Co., Milford, Conn.  
 McCASLIN bucket elevators, gravity conveyors—Mead-Morrison Mfg. Co., cor. Prescott & Orleans, East Boston, Mass.  
 McCAULEY belt lacing—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.  
 McCAULL carriage bows—Downey Bros., Spoke & Bending Co., Lancaster, Pa.  
 McCAULL carriage bows—Medina Bending Works, Medina, Ohio  
 McClAVE grate bars, mechanical stokers—McClave-Brooks Co., Poplar, Scranton, Pa.  
 McCLELLAN swiss pattern files—Nicholson File Co., Providence, R. I.  
 McCLELLAN trap vents—F. N. Dubois & Co., 247 9th av, New York  
 McClURE hot blast stoves—G. W. McClure Son & Co., Pittsburgh, Pa.  
 McClURE seats & tanks—Globe Fixture & Furniture Co., Quincy, Ill.



- McCORD lubricators, journal boxes, draft gear—McCord & Co., 122 S. Michigan av, Chicago, Ill.
- McCORMACK turbine water wheels—S. Morgan Smith Co., York, Pa.
- McCORMICK binder twine, cultivators, harrows, mowers, reapers, harvesters, binders, corn huskers, corn pickers, hay stackers, hay tedders—International Harvester Company of America (Inc.), 702 Harvester bldg., Chicago, Ill.
- McCORMICK hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.
- McCORMICK spark plugs—McCormick Mfg. Co., Dayton, Ohio
- McCOY ground connection clamps—Cameron Appliance Co., Everett, Mass.
- McCOY lime—Chas. Warner Co., Wilmington, Del.
- McCOY oil & grease cups—Detroit Shipbuilding Co., Detroit, Mich.
- McCRACKEN concrete mixers & drag sawing machines—Sioux City Engine & Machy. Co., Sioux City, Ia.
- McCROSKY reamers, expanding mandrels—McCrosky Reamer Co., Meadville, Pa.
- McCULLOCH shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.
- McCULLY rock & ore crushers—Worthington Pump & Machy Corp., 115 B'way, New York
- McDANIEL boiler injectors, exhaust heads, steam traps—Watson & McDaniel Co., 146 S. 7th, Philadelphia, Pa.
- McDONALD basin cocks—A. Y. McDonald Mfg. Co., Dubuque, Ia.
- McDONALD wagon scales—Moline Plow Co., Moline, Ill.
- McDONNELL transformers—Wesco Supply Co., 7th & Clark, St. Louis, Mo.
- McDONOUGH damper regulators, pump governors, feed water regulators—McDonough Automatic Regulator Co., Detroit, Mich.
- McDOUGAL smelting furnaces—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
- McFEELY hydraulic pumps—Tranter Mfg. Co., 105 Water, Pittsburgh, Pa.
- McGIFFERT log loaders—Clyde Iron Works, Duluth, Minn.
- McGIFFIN automobile wind shields—Automobile Specialties Co., E. E. Jenkins Arcade, Pittsburgh, Pa.
- McGILL conductors' ticket punches—McGill Ticket Punch Co., 542 W. Harrison, Chicago, Ill.
- McGILL paper fasteners—American Brass Co., Waterbury, Conn.
- McGILL'S BABY pumpless gasoline torches—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
- McGRATH pneumatic motors—Draper Mfg. Co., Port Huron, Mich.
- McGREGOR boiler brates—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.
- McGREGOR gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.
- McGUIRE roof flanges—Hessler Co., Syracuse, N. Y.
- McGUIRE stove pipe thimbles—E. C. Stearns Co., Syracuse, N. Y.
- McGUIRE-CUMMINGS automatic sweepers—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg., Chicago, Ill.
- McHENRY track gauges, track levels—Sheffield Car Co., Three Rivers, Mich.
- McINNES tool steel—McInnes Steel Co. (Ltd.), Corry, Pa.
- McINTYRE hose couplings—Combination Ladder Co., 366 Fountain, Providence, R. I.
- McKEE gas fired boilers—Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.
- McKEE grease cups—Lindholm Metal Stamping Co., Camden, N. J.
- McKEE rolled steel flanged shoulder plates—Elyria Iron & Steel Co., Mussey rd, Elyria, Ohio
- McKEEN interurban gasoline cars—McKeen Motor Car Co., 1222 Webster, Omaha, Nebr.
- McKELLAR steam traps—W. T. Garratt & Co., 299 Fremont, San Francisco, Cal.
- McKENNA circulating pumps—McCord & Co., 122 S. Michigan av, Chicago, Ill.
- McKENNA reinforcing bar benders—McKenna Co., 1851 E. 38th, Cleveland, Ohio
- McKENZIE lubricants—John S. Bushnell & Co., 146 Liberty, New York
- McKENZIE potato sprayers—McKenzie Bros. Mfg. Co., La Crosse, Wis.
- McKESSON-RICE screenless sizers—Stearns-Rogers Mfg. Co., Denver, Colo.
- McK-I-WKS-CO. screw jacks—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
- McKIM metallic caskets—McCord Mfg. Co., Detroit, Mich.
- McKINNEY ironing boards—Tyrone Ironing Board Co., Tyrone, Pa.
- McKINNON folding automobile seats—McKinnon Dash Co., Buffalo, N. Y.
- McKINNON grease cups, valve re-seating machines—McKinnon Iron Works, Ashtabula, Ohio
- McLANAHAN coal jigs—McLanahan-Stone Machine Co., Holidaysburg, Pa.
- McLAUGHLIN lock-nuts & washers, flexible metallic conduits—Franklin Railway Supply Co., Franklin, Pa.
- McLEAN swastika carriage top dressing—McLean-Jones Oil & Supply Co., 40 India Wharf, Boston, Mass.
- McMAHON cable grips—Hallet Iron Works, Harvey, Ill.
- McMANUS track engines, track levels—Buda Co., Railway Exchange bldg., Chicago, Ill.
- McMICKEN car wheel holders—Oshkosh Mfg. Co., Oshkosh, Wis.
- McNAB helm indicators, pneumatic engine counters, steamship draft gauges—McNab Co., Bridgeport, Conn.
- McNAULL rubber tires—McNaull Auto Tire Co., 810 Madison av, Toledo, Ohio
- McPARTLAND rail clutches—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- McSHANE ball cocks—McShane Bell Foundry Co., Harford av & B. & O. R. R., Baltimore, Md.
- McSHANE pipe hangers—Eagle Metal Works, 127 Purchase, Boston, Mass.
- McSHERRY harrows, planting drills, seeders & sowers, shovel plows—Fetzer & Co., Springfield, Ill.
- McVICKER gasoline engines—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.
- McWADE speaking tubes—Vulcan Mfg. Co., 3140 S. Canal, Chicago Ill.
- McWHORTER peanut planters, potato planters, spring cotters—McWhorter Mfg. Co., Riverton, N. J.
- McWILLIAMS light switchboards—Geo. Cutter Co., South Bend, Ind.
- MAAS seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
- MABBS rawhide packing—Chicago Rawhide Mfg. Co., 1269 Elston av, Chicago, Ill.
- MABIR insulator pins—W. R. Garton Co., 17 S. Desplaines, Chicago, Ill.
- MAC brass oil cups—Wm. Powell Co., Cincinnati, Ohio
- MACBETH lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
- MACCOLL spooler guides, bobbin holders—Draper Corp., Hopedale, Mass.
- MACDONALD pattern drawing machines, roller ramming machines—Snead & Co. Iron Works (Inc.), ft. of Pine, Jersey City, N. J.
- MACDONALD shaking grates—International Engineering Works, South Framingham, Mass.
- MACFARLANE switches & switchboards—Blake Electric Mfg. Co., 1 Rowes Wharf, Boston, Mass.
- MACHMAN feed water purifiers—D. W. Patterson, Harrison bldg., Phila., Pa.
- MAC-IT hollow set screws—Mac-It Parts Co., Lancaster, Pa.
- MACK motor fire engines—International Motor Co., 64th & West End av, New York
- MAC-KAE BLITZ spark plugs—Randall-Faichney Co., Boston, Mass.
- MACKENZIE gas exhausters—Isbell-Porter Co., 46 Bridge, Newark, N. J.
- MACKIE & SONS flax machinery—Wm. Firth, 200 Devonshire, Boston, Mass.
- MACKINTOSH sugar centrifugals—S. S. Hepworth Co., 2 Rector, New York
- MACLEAN dumping carts—MacLean & McCurdy, Boston, Mass.
- MACNICHOLS brick paints—Pyramid Paint Co., 133 N. 22nd, Phila., Pa.
- MACONITE insulated wire—Bay State Insulated Wire & Cable Co., Hyde Park, Boston, Mass.
- MACPHERSON frogs, switches & crossings—Ramapo Iron Works, Hillburn, N. Y.
- MADDOCK closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
- MADDOCK'S drinking fountains—Thos. Maddock's Sons Co., Trenton, N. J.
- MADDOX mitreing machines—Maddox Machine Co., Jamestown, N. Y.
- MADDRESS chain tongs—Union Tool Co., Los Angeles, Cal.
- MADIERA grease cups—Lindholm Metal Stamping Co., Camden, N. J.
- MADISON shears & scissors—Wiebush & Hilger, 106 Lafayette, New York



**MADISON SQUARE** automobile annunciators—Cowles, C., & Co., New Haven, Conn.  
**MADSEN** automatic water heaters—Thermal Appliance Co., 420 W. 27th, New York  
**MAGEE** boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.  
**MAGEE** steam heaters—Magee Furnace Co., 38 Union, Boston, Mass.  
**MAGIC** boiler compounds—Garratt-Callahan Co., 27 S. Clinton, Chicago, Ill.  
**MAGIC** churns—American Wooden Ware Mfg. Co., Toledo, Ohio  
**MAGIC** currycombs—F. E. Kohler Co., Canton, Ohio  
**MAGIC** decarbonizer carbon removers—Hall-Thompson Co., Hartford, Conn.  
**MAGIC** drill chucks, twist drill collets—Modern Tool Co., 500 State, Erie, Pa.  
**MAGIC** drill grinders—National-Standard Co., Box 211, Niles, Mich.  
**MAGIC** fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
**MAGIC** flour sieves—National Mfg. Co., Worcester, Mass.  
**MAGIC** hose menders—Hamblin & Russell Mfg. Co., Worcester, Mass.  
**MAGIC** massage vibrators—Adam Fisher Mfg. Co., St. Louis, Mo.  
**MAGIC** oil stoves—Taylor & Boggis Foundry Co., Cleveland, Ohio  
**MAGIC** packing—New York Belting & Packing Co., 91 Chambers, New York  
**MAGIC** paint & varnish remover—Wadsworth-Howland & Co., 141 Federal, Boston, Mass.  
**MAGIC** razor strops—L. W. Loveless Mfg. Co., Lafayette, Ind.  
**MAGIC** sink cleaners—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.  
**MAGIC** splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
**MAGIC** tire air pumps—Buffalo Auto Accessory Mfg. Co., 369 Ellicott, Buffalo, N. Y.  
**MAGIC** tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.  
**MAGIC** tire & axle shrinkers—South Bend Foundry Co., South Bend, Ind.  
**MAGIC** vacuum cleaners—Innovation Electric Co., 585 Hudson, New York  
**MAGIC** wall paper size—Cott-a-Lap Co., Somerville, N. J.  
**MAGIC** water power washer—Blackstone Mfg. Co., Jamestown, N. Y.  
**MAGIC SOLVENT** paint & varnish remover—McPhee & McGinnity Co., 1630 Araphoe, Denver, Colo.  
**MAGILL PATN.** paper fasteners—Dennison Mfg. Co., 26 Franklin, Boston, Mass.  
**MAGINNIS** iron flumes—Hess Flue Co., Denver, Colo.  
**MAGNETCO** sulphuret of antimony—Magnolia Metal Co., 115 Bank, New York  
**MAGNELITE** engine pistons—Walker M. Levett Co., 417 E. 23d, New York  
**MAGNET** blotting paper—Eaton-Dikeman Co., Lee, Mass.  
**MAGNET** iron & steel roofing—Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio  
**MAGNET** lubricating oils & greases—Valvoline Oil Co., 11 Broadway, New York  
**MAGNET** rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
**MAGNET** splicing compound tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
**MAGNET** stoves—Pittston Stove Co., Pittston, Pa.  
**MAGNETIC** gas stoves & radiators—Southard-Robertson Co., Peekskill, N. Y.  
**MAGNETO** asphalt tape—H. W. Johns-Manville Co., Madison av & 41st, New York  
**MAGNETO** packing—Randolph Brandt, 70 Cortlandt, New York  
**MAGNETO** telephone bells—Bridgeport Brass Co., Bridgeport, Conn.  
**MAGNITE** cold water paints—Flintkote Mfg. Co., Boston, Mass.  
**MAGNOLIA** cement—Southern Cement Co., Birmingham, Ala.  
**MAGNOLIA** garden cultivators—Ohio Cultivator Co., Bellevue, Ohio  
**MAGNOLIA** metallic packing & babbitt metal—General Asbestos Rubber Co., Charleston, S. C.  
**MAGNOLIA** metallic shingles—Moeschl-Edwards Corrugating Co., Covington, Ky.  
**MAGNOLIA** packing—Magnolia Metal Co., 113 Bank, New York  
**MAGYAR** mining machine shovels—Conneaut Shovel Co., Conneaut, Ohio

**MAHECO** hot water heat generators—Makin Heating Co., 1827 Filbert, Phila., Pa.  
**MAHLER** calorimeters—Wm. Gaertner & Co., 5349 Lake Park av, Chicago, Ill.  
**MAHLSTEDT** printing machinery—Lisenby Mfg. Co., Fresno, Cal.  
**MAHONEY** drinking fountains—Myers & Mahoney Plumbing Co., Portland, Me.  
**MAHONING** expanded metal lath, iron & steel roofing, plasterers steel corner beads—Sharon Steel Hoop Co., Youngstown, Ohio  
**MAHONY** grate bars, shaking grates—Godfrey-Keeler Co., 70 Warren, New York  
**MAIER'S** lacquer—John G. Maier's Sons, 153 N. Gay, Baltimore, Md.  
**MAIAK** engine indicators—Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.  
**MAIL** padlocks—Slaymaker Lock Co., Lancaster, Pa.  
**MAIMIN** electric cloth cutting machines—H. Maimin Co., 251 W. 19th, New York  
**MAJESTIC** clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.  
**MAJESTIC** coal chutes—Edwin A. Jackson & Bro., Inc., 50 Beekman, New York  
**MAJESTIC** coal chutes, garbage receivers, ash dumps, ash-pit doors, metal flower boxes, milk bottle & package receivers, warm air furnaces—Majestic Co., Huntington, Ind.  
**MAJESTIC** flour sieves—Parker Wire Goods Co., Worcester, Mass.  
**MAJESTIC** grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
**MAJESTIC SUNSHINE** steam heaters—Reading Scale & Machine Co., Reading, Pa.  
**MAJOR** barrel spray pump—Deming Co., Salem, Ohio  
**MAJOR** car couplers—Buckeye Steel Castings Co., Columbus, Ohio  
**MAJOR** hog rings—Heeson Bros. Co., Tecumseh, Mich.  
**MAJOR** hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.  
**MAJOR** lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
**MAJOR JONES** spark plugs—Major E. Jones Motor Co., Detroit, Mich.  
**MAKE A MOTOR TRUCK** truck units—Make A Motor Truck Co., 1508 Michigan av, Chicago, Ill.  
**MAKESTOCK WAYMORE** kerosene tank heaters—Positive Supply Co., Davenport, Ia.  
**MALAY** packing—W. H. Salisbury & Co., 105 S. Wabash, Chicago, Ill.  
**MALCOLM** harrows & pulverizers—H. P. Deuser Co., Hamilton, Ohio  
**MALIN'S** carpet beaters—Malin & Co., 2514 Vestry av, N. W., Cleveland, Ohio  
**MALLERY** farriers' hammers—Champion Tool Co., Meadville, Pa.  
**MALLON** sugar cane carrier feeders—Boland Machine & Mfg. Co., New Orleans, La.  
**MALONS'S** steel bushed roller chains—Boland Machine & Mfg. Co., New Orleans, La.  
**MALTA** hand carts, potato planters—Brown-Manly Plow Co., Malta, Ohio  
**MALTBY** handcuffs & twisters—Mattatuck Mfg. Co., Waterbury, Conn.  
**MALTESE CROSS** belting, hose, play pipes—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
**MALTESE CROSS** gauge glasses—Bache, Semon & Co., West & Hubert, New York  
**MAMMOTH** alarm clocks—Parker Clock Co., Meriden, Conn.  
**MAMMOTH** corn & cob mills—Wolf & Co., Chambersburg, Pa.  
**MAMMOTH** cotton seed hullers—Diamond Huller Co., Winona, Minn.  
**MAMMOTH** dry earth closets—P. H. MaGirl Foundry & Furnace Works—Bloomington, Ill.  
**MANAHAN'S** moth bags—Manahan Moth Paper Co., 372 Pearl, New York  
**MANARD** frogs, switches & crossings—Bethlehem Steel Co., So. Bethlehem, Pa.  
**MANCHARDT'S** cherry stoners—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
**MANCHESTER** battery motors—Davis Kendrick Co., Lebanon, N. H.  
**MANCO** waterproofing materials—Philip Carey Mfg. Co., Lockland, Ohio  
**MANDARINE** belting—Combination Rubber Mfg. Co., Bloomfield, N. J.  
**MANDT** farm wagons—Mandt Wagon Co., Stoughton, Wis.  
**MANDT** farm wagons—Moline Plow Co., Moline, Ill.  
**MANDT** wagon dump boxes—American Cement Machine Co., Keokuk, Ia.  
**MANEHARDT** strawberry hullers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.



- MANEST hot air clothes dryers, hot air furnaces—Mannen & Esterly Co., 2247 St. Clair, Cleveland, Ohio
- MANHADEN fish oils—A. Klipstein & Co., 644 Greenwich, New York
- MANHATTAN alum size—Manhattan Color Works, 114 West End av, New York
- MANHATTAN arc lamps—Buckeye Electric Works, Cleveland, Ohio
- MANHATTAN dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
- MANHATTAN gas stoves—Manhattan Gas Heating Co., 909 7th av, New York
- MANHATTAN life saving nets—Combination Ladder Co., 366 Fountain, Providence, R. I.
- MANHATTAN packing—Greene, Tweed & Co., 109 Duane, New York
- MANHATTAN rail joints—Elyria Iron & Steel Co., Mussey rd, Elyria, Ohio
- MANHATTAN rail joints—Industrial Supply & Equipment Co., 407 Sansom, Phila., Pa.
- MANHATTAN range boilers—Hayes Mfg. Co., Paterson, N. J.
- MANHATTAN steam & hot water heaters—Mackay Mfg. Co., 234 Water, New York
- MANHATTAN step ladders—Reiley Bros. Ladder Co., 324 W. 41st, New York
- MANHATTAN thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
- MANHATTAN water filters—Loomis Manning Filter Distributing Co., Phila., Pa.
- MANIERRE box car loaders—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- MANIERRE box car loaders—Manierre Engineering & Machinery Co., Milwaukee, Wis.
- MANILA packing—Geo. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
- MANIPLEX sewing machines—L. F. Fales, Walpole, Mass.
- MANLEY gas engines—United Engine & Mfg. Co., Hanover, Pa.
- MANLITE miners' lamps—Mannesmann Light Co., 331 4th av, New York
- MANN root cutters—F. W. Mann Co., Milford, Mass.
- MANN spreader cars, round house smoke jacks—Mann-McCann Co., Fisher bldg., Chicago, Ill.
- MANNING rail benders—Verona Tool Works, Oliver bldg., Pittsburgh, Pa. & Verona, Pa.
- MANNING tubular boilers—Estle & O'Brien Boiler Co., 58 Fore, Portland, Maine
- MANNING tubular boilers—Hewes & Phillips Iron Works, 8 Orange, Newark, N. J.
- MANN-STEVENSON can testing machines—Stevens & Co., 607 S. Caroline, Baltimore, Md.
- MANN'S bone mills—F. W. Mann Co., Milford, Mass.
- MANN'S improved bone mills—E. C. Stearns & Co., Syracuse, N. Y.
- MANROSS hair springs—F. N. Manross & Sons, Forestville, Conn.
- MANSBRIDGE telephone condensers—Electric Specialty Co., Cresco, Ia.
- MANSFIELD babbitt metal—Pittsburgh Brass Mfg. Co., 32nd & Penn, Pittsburgh, Pa.
- MANSFIELD ball cocks—Acheson Mfg. Co., Rankin, Pa.
- MANSFIELD grate bars—Wm. E. Rider & Co., Mansfield, Mass.
- MANSFIELD rubber tires, inner automobile tubes—Mansfield Tire & Rubber Co., Mansfield, Ohio
- MANSON gasoline arc lamps—American Gas Machine Co., Albert Lea, Minn.
- MANTACO unions—McMann & Taylor Co., 104 John, New York
- MANUFACTURERS fire sprinklers—Automatic Sprinkler Co. of America, 127 William, New York
- MANY-CELL library paste—National Gum & Mica Co., 59th & 11th av, New York
- MANZEL sight feed lubricators—Manzel Bros. Co., 315 Babcock, Buffalo, N. Y.
- MAPLE LEAF carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
- MAPLE LEAF tooth picks—Crunden-Martin Mfg. Co., 2d & Gratiot, St. Louis, Mo.
- MARATHON belting—B. F. Goodrich Co., Akron, Ohio
- MARATHON lawn mowers—Whitman & Barnes Mfg. Co., Akron, Ohio
- MARATHON leather belting—R. H. Hood Co., 1842 Germantown av, Philadelphia, Pa.
- MARATHON lubricating oils & greases—J. H. Weinberg Co., 128 Maiden la, New York
- MARATHON maple flooring—Ward Bros., Big Rapids, Mich.
- MARATHON spinning tops—Huntington-Scott Co., 62 E. Prescott, Columbus, Ohio
- MARBLE gun rod tools, hunters' axes, pocket screw-drivers, trout nippers—Marble Arms & Mfg. Co., Gladstone, Mich.
- MARBLELOID cork tile—Marbleoid Co., 47 W. 34th, New York
- MARBICA cleaning compounds—India Alkali Works, 28 India Wharf, Boston, Mass.
- MARBLOID wall finish—Yarnall Paint Co., 1026 Race, Phila., Pa.
- MARBURG-HAGEN automobile springs—Marburg Bros., 90 West, New York
- MARBURG-LUCIFER bicycle & electric auto lamps—Marburg Bros., 90 West, New York
- MARCHAND conduit fittings—Steel City Electric Co., 1207 Washington av, Pittsburgh, Pa.
- MARCHANT calculating machines—Marchant Calculating Machine Co., Syndicate bldg., Oakland, Cal.
- MARCK steam traps—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
- MARCO rubber packing—Mechanical Rubber Co., Cleveland, Ohio
- MARCO rubber water bottles—Star Rubber Co., Akron, Ohio
- MARIETTA farm wagons—Ohio Valley Wagon Co., Marietta, Ohio
- MARINE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- MARINE leather belting—McCauley Belting Co., 412 Orleans, Chicago, Ill.
- MARINE manilla & sisal rope—Upson-Walton Co. of N. Y., 291 Broadway, New York
- MARION blow torches—Hine-Watt Mfg. Co., Chicago, Ill.
- MARION brick cutting machinery—H. Martin Brick Mach. Mfg. Co., Lancaster, Pa.
- MARION flue cleaners, shaking grates—Marion Machine, Foundry & Supply Co., Marion, Ind.
- MARION water gauges—Bogardus-Nelson Co., Marshalltown, Ia.
- MARION HARLAND coffee percolators—Silver & Co., 304 Hewes, Brooklyn, N. Y.
- MARK unions—Mark Mfg. Co., Evanston, Ill.
- MARK-A-LINE show card inks—Carter's Ink Co., E. Cambridge, Boston, Mass.
- MARKDOWN clothes lines—Estes Mills, Falls River, Mass.
- MARKOE envelope sealing machines—American Multigraph Sales Co., 1832 E. 40th, Cleveland, Ohio
- MARKWELL typewriter ribbons—Frank Bayer Co., 119 Lafayette, New York
- MARLIN repeating rifles, rust preventative—Marlin Fire Arms Corp., New Haven, Conn.
- MARLO electric bells—P R Mfg. Co., Detroit, Mich.
- MARNILE cutting oils—Geo. A. Haws, 142 Front, New York
- MAROA spring tooth harrows—Maroa Mfg. Co., Maroa, Ill.
- MAROLITE electric lighting systems—Central Electric Co., 320 S. 5th av, Chicago, Ill.
- MARQUETTE blast furnaces—Cleveland-Cliffs Iron Co., Cleveland, Ohio
- MARQUETTE cement—Marquette Cement Mfg. Co., La Salle, Ill.
- MARS padlock locks—U. S. Lock Hdwe. Co., Columbia, Pa.
- MARS sight feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- MARSAUT miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.
- MARSEILLES corn & cob mills—Marseilles Co., East Moline, Ill.
- MARSH valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
- MARSHALL corn cribs—Iron Crib & Bin Co., Wooster, Ohio
- MARSHALL corn cribs—Pioneer Mfg. Co., Middlebury, Ind.
- MARSHALL drives—Beloit Iron Works, Beloit, Wis.
- MARSHALL fire hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- MARSHALL furniture polish—Marshall Oil Co. of Iowa, Marshalltown, Ia.
- MARSHALL'S linemen's shields—Linemen Protector Co., 172 Griswold, Detroit, Mich.
- MARSHALLTOWN ratchet wrenches—C. & E. Mfg. Co., Marshalltown, Ia.
- MARSH-AYER mitre boxes—Millers Falls Co., Millers Falls, Mass.
- MAR-STUN dry batteries—Bright Star Battery Co., 316 Hudson, New York
- MARTELL metallic packing—Martell Packings Co., Inc., The, Elyria, Ohio
- MARTELL reamers—Taft-Peirce Mfg. Co., Woonsocket, R. I.
- MARTEN fire extinguishers, metallic shades—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- MARTHEL melting furnaces—Globe Gas Light Co., 25 Union, Boston, Mass.



- MARTIN automobile truck trailers—Martin Carriage Works, York, Pa.
- MARTIN bed & furniture casters—National Caster Co., Hamilton, Ohio
- MARTIN bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- MARTIN grate bars—Martin Grate Co., Fisher bldg., Chicago, Ill.
- MARTIN lumberman's hooks—Lufkin Foundry & Machine Co., Lufkin, Texas
- MARTIN shock absorbers—Halliwell Bros., 333 W. Pico, Los Angeles, Cal.
- MARTIN valve controllers—Beaumont Iron Works Co., Beaumont, Texas
- MARTIN'S door hangers—S. B. Martin, Dalton, Ohio
- MARTIN'S fishing reels—Martin Automatic Fish Reel Co., Hion, N. Y.
- MARTIN'S flexible joints—Barco Brass & Joint Co., 212 W. Illinois, Chicago, Ill.
- MARTIN'S glue—International Glue Co., 24 T. Wharf, Boston, Mass.
- MARVEL blowers—Electric Blower Co., 352 Atlantic av, Boston, Mass.
- MARVEL boiler compounds—Kuhne-Libby Co., 51 Front, New York
- MARVEL carbureters, gasoline strainers—Marvel Carburetor Co., Flint, Mich.
- MARVEL exhaust fans—Electric Blower Co., 352 Atlantic av, Boston, Mass.
- MARVEL hack saw machines, portable grinders, portable punches, rod cutters—Armstrong-Blum Mfg. Co., 337 N. Francisco av, Chicago, Ill.
- MARVEL hot air furnaces, steam heaters—Interstate Mfg. Co., Oskaloosa, Ia.
- MARVEL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- MARVEL soldering irons—Lyon, Conklin Co., 19 Balderston, Baltimore, Md.
- MARVEL thermostats—American Thermostat Co., Elmira, N. Y.
- MARVEL vulcanizers—tire & tube; & socket wrenches—Marvel Accessories Mfg. Co., Cleveland, Ohio
- MARVEL water heaters—Mustee Water Heater Co., 3409 Superior av, Cleveland, Ohio
- MARVELO air drill hose, braided hose, chemical engine hose, garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- MARYLAND garden spades—Indiana Shovel Co., New Castle, Ind.
- MARYLAND gas meters—Chas. H. Dickey, North & Saratoga, Baltimore, Md.
- MASCO automobile trunks, trunk racks, storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.
- MASCOT dry batteries—J. H. Bunnell & Co., 32 Park pl, New York
- MASCOT enameling ovens—American Enamel Co., Providence, R. I.
- MASCOT grease cups—Wm. Powell Co., Cincinnati, Ohio
- MASCOT lawn mowers—Mast, Foss & Co., Springfield, Ohio
- MASCOT steam heaters—United States Radiator Corp., Detroit, Mich.
- MASCOT x-ray tubes—Green & Bauer, Hartford, Conn.
- MASCOTTE rat traps—Lovell Mfg. Co., Erie, Pa.
- MASDA dry batteries—Fred. D. Harper, Everett, Mass.
- MASON car steps & treads—American Mason Safety Tread Co., Lowell, Mass.
- MASON celery hillers, plow clevises, wrenches—F. C. Mason & Co., St. Johns, Mich.
- MASON fruit jar wrenches—S. & I. Co., Springfield, Mass.
- MASON fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- MASON insulating tape—Okonite Co., 501 5th av, New York
- MASON safety stair treads—American Mason Safety Tread Co., Boston, Mass.
- MASON steam specialties—Mason Regulator Co., 1192 Adams, Boston, Mass.
- MASON steel pens—W. L. Mason & Co., Keene, N. H.
- MASON terra cotta clay conduits—National Fire Proofing Co., 1110 Fulton bldg., Pittsburgh, Pa.
- MASON CHAMPION wire fences & gates—Mason Fence Co., Leesburg, Ohio
- MASON-JAGER air compressors, oil engines—Chas. J. Jager Co., 15 Custom House, Boston, Mass.
- MASONS hygrometers—Philadelphia Thermometer Co., 9th & Arch, Phila., Pa.
- MASSASOIT belt lacing—Holyoke Belting Co., Holyoke, Mass.
- MASSASOIT rubber hose—National India Rubber Co., Bristol, R. I.
- MASSETH'S oil well packers—Masseth Packer & Machine Works, Butler, Pa.
- MASSILLON drop hammers & chilled rolls—Massillon Foundry & Mach. Co., Massillon, Ohio
- MASSILLON feed water heaters & purifiers, steam heaters—Griscom-Russell Co., 92 West, New York
- MASSILLON silos—W. R. Harrison & Co., Massillon, Ohio
- MASSILLON traction engines—Russell & Co., Massillon, Ohio
- MASTER air compressors, automatic pumps, spark plugs—Hartford Machine Screw Co., Hartford, Conn.
- MASTER slide rule—Dahl Mfg. Co., 841 E. 136th, New York
- MASTERCLOCK automobile pneumatic clocks—Hahl Automatic Clock Co., 2644 N. Maplewood av, Chicago, Ill.
- MASTERPIECE pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
- MASTERPIECE razors—C. Klauberg & Bros., 173 William, New York
- MASTER WORKMAN alcohol engines—Temple Pump Mfg. Co., 22nd & S. 54th, Chicago, Ill.
- MASTIC canvas roofing—National Roofing Material Co., Edwardsville, Ill.
- MASTIC tire cements—Michelin Tire Co., Milltown, N. J.
- MATADOR spark plugs—Matador Tire & Vulcanizing Co., 1400 Michigan av, Chicago, Ill.
- MATCHAMS coal dryers—Fuller Engineering Co., Allentown, Pa.
- MATCHLESS box openers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- MATCHLESS clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
- MATCHLESS clover hullers—Aultman & Taylor Machinery Co., Mansfield, Ohio
- MATCHLESS dry batteries, electric gas lighters, electric lamp flashlights—Stanley & Patterson, 23 Murray, New York
- MATCHLESS gas lighting burners—E. P. Gleason Mfg. Co., 37 Murray, New York
- MATCHLESS hypodermic syringes—Randall-Faichney Co., Boston, Mass.
- MATCHLESS lawn mowers—Dille & McGuire Co., Richmond, Ind.
- MATCHLESS lawn mowers—E. C. Stearns & Co., Syracuse, N. Y.
- MATCHLESS lawn mowers—S. P. Townsend & Co., Orange, N. J.
- MATCHLESS liquid gloss furniture polish—Standard Oil Co. of N. Y., 555 W. 25th, New York
- MATCHLESS paste polish—Matchless Metal Polish Co., 151 Varick, New York
- MATCHLESS pipe threaders—Oster Mfg. Co., Cleveland, Ohio
- MATCHLESS radiators—W. A. Case & Son Mfg. Co., Buffalo, N. Y.
- MATCHLESS reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York
- MATCHLESS spring hinges—Lawson Mfg. Co., 230 W. Superior, Chicago, Ill.
- MATCHLESS water heaters—Matchless Heater Co., Holyoke, Mass.
- MATCHLESS JUSTRITE mine safety lamps—Justrite Mfg. Co., 2061 Southport av, Chicago, Ill.
- MATHER automobile springs—Mather Spring Co., Toledo, Ohio
- MATHER & Platt dyeing machinery—Leigh & Butler, 232 Summer, Boston, Mass.
- MATHEWS fire hydrants—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
- MATHEWS garment hangers—Cassady-Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- MATTHEWS fuse lighters—E. I. du Pont de Nemours Powder Co., Wilmington, Del.
- MATTHEWS guy clamps, lamp guards, pole erectors—W. N. Matthews & Bro., 3722 Forest Park blvd, St. Louis, Mo.
- MATTHEWS photometers—Foote-Pierson & Co., 160 Duane, New York
- MATTHEWSON sand blast machines, tumbling barrels—Tilghman-Brooksbank Sand Blast Co., 1126 S. 11th, Philadelphia, Pa.
- MATRIX asphalt mastic—Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
- MAUD S. farriers' hammers, pincers—Champion Tool Co., Meadville, Pa.
- MAUMEE drag road scrapers—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio
- MAX sight feed lubricators—Nathan Mfg. Co., 416 E. 106th, New York
- MAXBAR cornices & skylights—Central Sheet Metal Works, 260 E. 78th, New York
- MAXCO water closets & closet seats—Climax Sanitary Co., Detroit, Mich.



MAXFER truck units—Maxfer Truck Co., 5035 Wash-  
 bash av, Chicago, Ill.  
 MAXI carbureters—Maxi Co., 115 Broadway, New  
 York  
 MAXIM gasoline burners—Theo. Clough, Dobby Ferry,  
 N. Y.  
 MAXINE metal polish—Rexine Company, Sheboygan,  
 Wis.  
 MAXON-MILLER lever jacks—Maxon-Miller Jack  
 Co., Huntington, W. Va.  
 MAX STADT wire connectors—Chicago Die & Ma-  
 chine Works, 415 N. Carpenter, Chicago, Ill.  
 MAXUM ground cones—Fairmount Electric & Mfg.  
 Co., 59th & Woodland, Phila., Pa.  
 MAXWELL envelope sealing machines—Marrow-  
 Ulrich-Maxwell, Cleveland, Ohio  
 MAYARI track bolts—Penna. Steel Co., 1421 Chest-  
 nut, Phila., Pa.  
 MAYD-WELL shaving brushes—Mayd-Well Brush  
 Co., Troy, N. Y.  
 MAY EUREKA nut crackers & picks—Cassady, Fair-  
 bank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 MAYFLOWER fruit jar rubbers—Boston Woven  
 Hose & Rubber Co., Cambridge, Mass.  
 MAY FLOWER lawn mowers—F. & N. Lawn Mower  
 Co., Richmond, Ind.  
 MAYHEW mitre boxes—H. H. Mayhew Co., Shel-  
 burne Falls, Mass.  
 MAYMONT self-oiling pulleys—McMaster-Carr Supply  
 Co., 174 N. Market, Chicago, Ill.  
 MAYNARD nail pullers—Snow & Petrelli Mfg. Co.,  
 New Haven, Conn.  
 MAY'S salamanders—Eagle Iron Works, 850 DeKalb  
 av, Brooklyn, N. Y.  
 MAYTAG clothes washing machines—Maytag Co.,  
 Newton, Ia.  
 MAYWOOD bath water heaters—August T. Kron-  
 quist, Maywood, Ill.  
 MAZDA incandescent electric lamps—Edison Lamp  
 Works of General Electric Co., Harrison, N. J.  
 MAZOLA vegetable oils—Corn Products Refining Co.,  
 17 Battery pl, New York  
 MEA magnetos—Marburg Bros., 90 West, New York  
 MEADOW GRAY marble—Meadow Marble Co.,  
 Meadow, Tenn.  
 MEADOW KING hay carriers—J. E. Porter Co.,  
 Rochester, N. Y.  
 MEADOW MONARCH hoes—Pratt Fork & Hoe  
 Corp., Frankfort, N. Y.  
 MEADOW PINK marble—Meadow Marble Co.,  
 Meadow, Tenn.  
 MEADOW QUEEN hay carriers—J. E. Porter Co.,  
 Rochester, N. Y.  
 MEADOWS pitless scales & clothes washing machines  
 —Meadows Mfg. Co., Pontiac, Ill.  
 MEAKER complete galvanizing plants—Meaker Co.,  
 1243 Fulton, Chicago, Ill.  
 MEALBESTOS packing—A. W. Chesterton Co., 64  
 India, Boston, Mass.  
 MECA grease cups—Wm. Powell Co., Cincinnati, Ohio  
 MECCA axle grease—Reliance Oil & Grease Co.,  
 Cleveland, Ohio  
 MECHANIC bench grinders—Luther Grinder Mfg.  
 Co., Milwaukee, Wis.  
 MECHANICS drilling machines—Rockford Drilling  
 Machine Co., Rockford, Ill.  
 MECHANICS' gasoline engines—Mechanics' Fdy. &  
 Machine Co.  
 MECHANICS SPECIAL tool grinders—Luther Grind-  
 er Mfg. Co., Milwaukee, Wis.  
 MECHANICS HALL automobile annunciators—  
 Cowles, C. & Co., New Haven, Conn.  
 MEDINA automobile tire holders—Medina Stamp-  
 ing & Machine Co., Medina, N. Y.  
 MEDINA foot robe rails—Wm. Highton & Sons Co.,  
 Nashua, N. H.  
 MEDUSA cements—Sandusky Cement Co., Engineer's  
 bldg, Cleveland, Ohio  
 MEECO steel factory equipment—Manufacturing  
 Equipment & Engng. Co., 136 Federal, Boston,  
 Mass.  
 MEEK bread ovens, broilers, tea urns, peanut roast-  
 ers—Meek Oven Co., Newburyport, Mass.  
 MEEK fishing reels—B. F. Meeks & Son, Louisville,  
 Ky.  
 MEEKER fire proof doors—S. H. Harris Co., 610 W.  
 Lake, Chicago, Ill.  
 MEEKER fireproof doors—R. J. Ross Mfg. Co., 4241  
 Ogden av, Chicago, Ill.  
 MEEKER lock nuts & washers—Meeker Grip Nut Co.,  
 1170 Broadway, New York  
 MEEKER'S harrows & pulverizers—C. O. Jelliff  
 Mfg. Corporation, Southport, Conn.  
 MEEFCO electric portables—H. G. McFaddin & Co.,  
 38 Warren, New York  
 MEGGER ohmmeters—James G. Biddle, 1211 Arch,  
 Phila., Pa.

MEGOHMITTE tempered mica—Meirowsky Bros., Jer-  
 sey City, N. J.  
 MEHCO winches & windlasses—Marine Hardware-  
 Equipment Co., So. Portland, Me.  
 MEILINK filing safes—Meilink Mfg. Co., Toledo, Ohio  
 MEISSELBACH fishing reels—A. E. Meisselbach &  
 Bros., 29 Congress, Newark, N. J.  
 MELIBITE glass shades—Gillender & Sons (Inc.),  
 135 Oxford, Phila., Pa.  
 MELROSE car couplers—National Malleable Castings  
 Co., Cleveland, Ohio  
 MELROSE car couplers—Standard Coupler Co., 30  
 Church, New York  
 MELROSE fibre matting—New England Rug Co.,  
 Lawrence, Mass.  
 MELROSE granite—Melrose Granite Co., St. Cloud,  
 Minn.  
 MELROSE lawn mowers—F. & N. Mower Co., Rich-  
 mond, Ind.  
 MELTA COTTA boiler compounds—State Mfg. Co.,  
 2545 E. 76th, Cleveland, Ohio  
 MELVILLE'S standard rust preventives—F. L. Mel-  
 ville, Bayonne, N. J.  
 MEMIPHONE electric toys—Russell Electric Co.,  
 Danbury, Conn.  
 MEMPHI cold water paints—De Soto Paint Mfg. Co.,  
 Memphis, Tenn.  
 MENDES diamond tools—Mendes Cutting Factories,  
 12 John, New York  
 MENDOTA enameled iron bath tubs—McVay-Walker  
 Co., Braddock, Pa.  
 MENHADEN fish oils—Crawford Oil & Chemical Co.,  
 Cleveland, Ohio  
 MENLO steam heaters—H. B. Smith Co., Westfield,  
 Mass.  
 MENSICO sheet packing—G. W. Knowlton Rubber  
 Co., 60 Pearl, Boston, Mass.  
 MENSHA shipping case seals—Mensha Wooden Ware  
 Co., Mensha, Wis.  
 MEPHISTO auger bits—W. A. Ives Mfg. Co., Wal-  
 lingford, Conn.  
 MEPHISTO metallic packing—Akron Metallic Gasket  
 Co., Akron, Ohio  
 MERCANTILE fountain pens—Alkin-Lambert Co., 19  
 Maiden Lane, New York  
 MERCEDES lubricating oils & greases—C. F. Sweet,  
 Hartford, Conn.  
 MERCER belting—Mercer Rubber Co., Hamilton, N. J.  
 MERCER reclaimed rubber—American Rubber Re-  
 claiming Co., Gtn., Phila., Pa.  
 MERCER steam heaters—H. B. Smith Co., Westfield,  
 Mass.  
 MERCHAND cable clamps—Steel City Electric Co.,  
 1207 Washington av, Pittsburgh, Pa.  
 MERCHANT clothes lines—Estes Mills, Fall River,  
 Mass.  
 MERCHANT'S old method roofing tin—Merchant &  
 Evans, 2035 Washington av, Phila., Pa.  
 MERCK'S chemical re-agents—Merck & Co., 63 Park  
 pl, New York  
 MERCURY fuel level indicators—Rochester Mfg. Co.,  
 Brighton Station, Rochester, N. Y.  
 MERIDEN shot guns—Meriden Fire Arms Co., Meri-  
 den, Conn.  
 MERIDIAN inclinable presses—Meriden Press & Drop  
 Co., Meriden, Conn.  
 MERINO flax packing—H. Johnson Co., ft. of Gates  
 av, Jersey City, N. J.  
 MERIT asbestos brake linings—Thermoid Rubber Co.,  
 Trenton, N. J.  
 MERIT carbon paper, typewriter ribbons—E. A.  
 Brecher Co., 119 Lafayette, New York  
 MERITAS oil cloth—Standard Oil Cloth Co., 320  
 Broadway, New York  
 MERIT-GALE veneer drying machines—Merritt Mfg.  
 Co., Lockport, N. Y.  
 MERITORIOUS metal polish—Monroe Specialty Co.,  
 379 Pearl, New York  
 MERMAID belting, belt cements—Hudson Belting  
 Co., 3 Eaton pl., Worcester, Mass.  
 MERRELL pipe cutting & threading machines—Mer-  
 rell Mfg. Co., 278 Curtis Toledo, Ohio  
 MERRICK conveyor weightometers—Merrick Scale  
 Mfg. Co., 2 Academy, Passaic, N. J.  
 MERRICK electrical bearings—Standard Roller Bear-  
 ing Co., 50th & Lancaster av, Philadelphia, Pa.  
 MERRICK wrenches—Bemis & Call Hardware & Tool  
 Co., Springfield, Mass.  
 MERRILL slime filters—Merrill Metallurgical Co.,  
 121 2nd, San Francisco, Cal.  
 MERRIMAC belting, packing, rubber hose—Empire  
 Tire & Rubber Corp., East Trenton, N. J.  
 MERRIMAC enamels—Jenkins Paint & Oil Co., Nor-  
 folk, Va.  
 MERRIMAC foot presses—Meriden Press & Drop Co.,  
 Meriden, Conn.



- MERRIMAC hand carts—Frank J. Aubeuf, Oneida, N. Y.
- MERRIMAN asphalt mixers—East Iron & Machine Co., 351 E. Market, Lima, Ohio
- MERRIMAN bolt cutting machines—H. B. Brown Co., East Hampton, Conn.
- MERRIMAN drop hammers, presses, spinning lathes—Meriden Press & Drop Co., Meriden, Conn.
- MERRIMAN stone gang sawing machines—Lincoln Iron Works, Rutland, Vt.
- MERRITT automatic sewage siphons—Albert Priestmann, 328 Chestnut, Phila., Pa.
- MERRITT flush tanks, sewage siphons, sewage disposal outfits—Merritt Hydraulic Co., 110 N. Broad, Philadelphia, Pa.
- MERRITT steel lockers, steel shelving—Merritt & Co., 93 Arch, Camden, N. J.
- MERRITT wire hooks—F. M. Merritt, Penn Yann, N. Y.
- MERRIWETHER reinforced concrete pipe—Lock Joint Pipe Co., 165 Broadway, New York
- MERROW sewing machine—Morrow Machine Co., Hartford, Conn.
- MERSHON glass insulators—Brookfield Glass Co., 2 Rector, New York
- MERSHON steam heaters—Mershon Patent Shaking Grate Works, Philadelphia, Pa.
- MERTES gas engines—National Gear Wheel Foundry, North Side, Pittsburgh, Pa.
- MERUCO rubber packing—Mechanical Rubber Co., Cleveland, Ohio
- MERWARTH metallic gaskets—Phoenix Specialty Mfg. Co., 48 Duane, New York
- MESCO time switches, battery connectors, dry batteries, spark plugs—Manhattan Electrical Supply Co., 17 Park pl, New York
- MESSINGER gas engines—Messinger Mfg. Co., Tamamy, Pa.
- METAFIFE paints—John Lucas & Co., 322 Race, Phila., Pa.
- METAL coat roofing paints—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.
- METAL lumber iron furring—Berger Mfg. Co., Canton, Ohio
- METALINE oilless bearings—Metaline Co., 4 West av, Long Island City, N. Y.
- METALITE graphite paints—Columbia Refining Co., 90 West, New York
- MET-ALL water closets—Columbus Brass Co., Columbus, Ohio
- METALLO packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- METALLOID packing—General Asbestos Rubber Co., Charleston, S. C.
- METALSHINE metal polish—Garratt & Callahan Co., 27 S. Clinton, Chicago, Ill.
- MET-AL-SHINE polish—Richmond Bros. 117 E. 6th, Cincinnati, Ohio
- METALSTFEL paints—St. Louis Surfacers & Paint Co., Arlington & Terminal & Belt Line, St. Louis, Mo.
- METEOR alcohol stoves—W. H. Sweeney Mfg. Co., 30 Main, Brooklyn, N. Y.
- METEOR dynamite—E. I. Du Pont de Nemours Powder Co., Wilmington, Del.
- METHOT carbureters—Dow Mfg. Co., Braintree, Mass.
- METILE enameled metal tile—Stengel Bros. Co., Thompson & Chrtrs, Pittsburgh, Pa.
- METO BRIGHT metal polish—Adams & Elting Co., 722 W. Washington, Chicago, Ill.
- METROPOLITAN boiler ejectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York
- METROPOLITAN cable joints, electric cable hangers, electric current taps, expansion plugs—Yonkers Specialty Co., Yonkers, N. Y.
- METROPOLITAN flint paper—R. J. Waddell & Co., 52 Beekman, New York
- METROPOLITAN switches—Metropolitan Electric Mfg. Co., 14th, Long Island City, N. Y.
- METROPOLITAN wire test connectors—Cameron Appliance Co., Everett, Mass.
- METZ pump governors—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
- METZGER junction boxes—Thomas & Betts Co., 105 Hudson, New York
- MEXOLINE liquid polish—Matchless Metal Polish Co., 151 Varick, New York
- MEYERS automatic boiler skimmers—Manchester Mfg. Co., North Manchester, Ind.
- MEYERS putz cream metal polish—American Metal Polish Co., West Somerville, Mass.
- MEZEN rubber hose—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
- MHECO marine hardware—Marine Hardware-Equipment Co., So. Portland, Me.
- MIA HEALA chair seats—Capital Seat & Novelty Co., 204 E. 27th, New York
- MIAMI bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
- MIAMI enameled blotting paper—Wrenn Paper Co., Middletown, Ohio
- MIAMI gas engines—Middletown Machine Co., Middletown, Ohio
- MIAMI oil cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- MIAMI wall ties—American Rolling Mill Co., Middletown, Ohio
- MICA axle grease—Standard Oil Co. of New York, 555 W. 25th, New York
- MICABOUND mica—Chicago Mica Co., Valparaiso, Ind.
- MICADAMITE mica mfr.—Melrowsky Bros., Jersey City, N. J.
- MICANITE mica & insulating paper—Mica Insulator Co., 68 Church, New York
- MICHELIN rubber tires—Michelin Tire Co., Milltown, N. J.
- MICHIGAN bean cultivators—Moline Plow Co., Moline, Ill.
- MICHIGAN beet diggers—Bucher & Gibbs Plow Co., Canton, Ohio
- MICHIGAN boiler injectors—Stephens Roe Mfg. Co., Detroit, Mich.
- MICHIGAN cement—Michigan Portland Cement Co., Chelsea, Mich.
- MICHIGAN oil & grease cups, lubricators, gauges, valves—Michigan Lubricator Co., Detroit, Mich.
- MICHIGAN squaring shears—Michigan Press Co., Ypsilanti, Mich.
- MICHIGAN wire cloth—Michigan Wire Cloth Co., 500 Howard, Detroit, Mich.
- MICHIGAN wood pipe—Michigan Pipe Co., Bay City, Mich.
- MICO square flax packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
- MICRO piston rings—Micro Piston Ring Co., 1960 Broadway, New York
- MICRO-GROUND machine knives—Coes, Loring & Co. (Inc.), Worcester, Mass.
- MICROPHONE batteries—J. H. Bunnell & Co., 32 Park pl, New York
- MIDAS electric illuminated signs—Mercantile Advertising Co., 17 Battery pl, New York
- MIDCO cement coated wire nails—Howard W. Middleton Co., 945 Ridge av, Phila., Pa.
- MIDDLE BUSTER breaking plows—Eagle Mfg. Co., Kansas City, Mo.
- MIDDY engine lubricators—Wm. Powell Co., Cincinnati, Ohio
- MIDGET batteries—Geiszler Bros., 514 W. 57th, New York
- MIDGET can openers—Ira W. White & Son, Bloomfield, N. J.
- MIDGET card tables—E. T. Burrows Co., 70 Free, Portland, Me.
- MIDGET eye glass screw drivers—West Haven Mfg. Co., West Haven, Conn.
- MIDGET flush plugs, fuse rosettes—Arrow Electric Co., Hartford, Conn.
- MIDGET garden weeder—C. S. Norcross & Sons, Bushnell, Ill.
- MIDGET lanterns—Embury Mfg. Co., Warsaw, N. Y.
- MIDGET lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- MIDGET oil pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- MIDGET push buttons—Edwards & Co., 140th & Exterior, New York
- MIDGET safety valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- MIDGET saw punches—Henry Disston & Sons, Tacony, Phila., Pa.
- MIDGET shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- MIDGLEY'S hand cards—Howard Bros. Mfg. Co., Worcester, Mass.
- MIDLAND ring oilers—Pittsburgh Iron & Steel Foundries Co., Midland, Pa.
- MIDLAND shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
- MIDVALE self-hardening steel—Midvale Steel Co., Phila., Pa.
- MIETZ & WEISS kerosene oil engines—August Mietz, 138 Mott, New York
- MIKADO front brick—Warren B. Ferris Brick Co., Columbus, Ohio
- MIKADO grease cups—Wm. Powell Co., Cincinnati, Ohio
- MIKADO razors—F. A. Clauberg & Co., 27 Park pl, New York
- MIKADO roofing—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.



MIKAH library paste—National Gum & Mica Co., 59th & 11th av, New York  
 MIKKOLA concrete shovels—Conneaut Shovel Co., Conneaut, Ohio  
 MILBURN contractors' portable lights, circus lights, flare lights, oxy-acetylene welding apparatus—Alexander Milburn Co., 1420 W. Baltimore, Baltimore, Md.  
 MILCO batten strips—Milwaukee Corrugating Co., Milwaukee, Wis.  
 MILCOR metal building corners, ventilators; & batten strips—Milwaukee Corrugating Co., Milwaukee, Wis.  
 MILFORD hack saw machines, hack saw blades—H. G. Thompson & Son Co., New Haven, Conn.  
 MILFORD pink granite—Norcross Bros. Co., 10 E. Worcester, Worcester, Mass.  
 MILITARY RIFLE NOS. 10, 20 & 21 powder—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 MILLA'S nail pullers, emergency tools—Try-Me Mfg. Co., Springfield, Mass.  
 MILLBURN wagons—Milburn Wagon Co., Toledo, Ohio  
 MILLEN car signs—Columbia Machine Works & Iron Co., 269 Chestnut, Brooklyn, N. Y.  
 MILLER farm wagons—Miller Wagon Co., Edina, Mo.  
 MILLER flush tanks—Pacific Flush Tank Co., 108 S. La Salle, Chicago, Ill.  
 MILLER guy anchors—Miller Anchor Co., Norwalk, Ohio  
 MILLER ice cream freezers, pasteurizing machines—Miller Pasteurizing Machine Co., Canton, Ohio  
 MILLER kerosene heaters—Edw. Miller & Co., Meriden, Conn.  
 MILLER key-seating machines—National Machine Tool Co., Cincinnati, Ohio  
 MILLER night latches—Miller Lock Co., 4523 Tacony, Phila., Pa.  
 MILLER rubber tires—Miller Rubber Co., Akron, Ohio  
 MILLER step ladder chairs—Austell Swing & Ladder Co., Austell, Ga.  
 MILLER switchstands—Cleveland Railway Supply Co., Cleveland, Ohio  
 MILLER tool holders—Allman Gas Engine & Machine Co., 461 Canal, New York  
 MILLER wagon jacks—Lansing Co., Lansing, Mich.  
 MILLER waterproofing mining cap protectors—Hercules Powder Co., Wilmington, Del.  
 MILLER EAGLE haying tools—Appleton Hay Tool Co., Appleton, Wis.  
 MILLERS anti-siphon traps—Miller Foundry & Specialty Co., North Tonawanda, N. Y.  
 MILLER'S rubber tires—Chas. E. Miller, Anderson, Ind.  
 MILLER'S tire vulcanizers—Anderson Rubber Works, Anderson, Ind.  
 MILLERS FALLS chain attachments, drills, nail pullers—Miller's Falls Co., 28 Warren, New York  
 MILLIONAIRE adding machines—W. A. Morschauser, 1 Madison av, New York  
 MILLS battery connectors—Stackpole Carbon Co., St. Marys, Pa.  
 MILLS cigar bunching machines—Miller, DuBrul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio  
 MILLS core compounds—H. E. Mills Mfg. Co., Syracuse, N. Y.  
 MILLS steam heaters—H. B. Smith Co., Westfield, Mass.  
 MILLSAUGH suction rolls—Sandusky Foundry & Machine Co., Sandusky, Ohio  
 MILLVILLE silica sand—Pettinos Bros., Bethlehem, Pa.  
 MILNE stump pullers—Milne Mfg. Co., Monmouth, Ill.  
 MILO canvas stitched belting, pulley covering—Boston Woven Hose & Rubber Co., Cambridgeport, Mass.  
 MILONITE PERFECTION button head nail tacks—Morley Button Mfg. Co., Portsmouth, N. H.  
 MILTON steam heaters—Freed Heater Co., Collegeville, Pa.  
 MILTON well drilling machinery—S. G. Milton & Son, Franklin, Pa.  
 MILWAU row-locks—Wilcox-Crittenden & Co., Middletown, Conn.  
 MILWAUKEE binder twine—International Harvester Co. of America (Inc.), 230 Harvester bldg., Chicago, Ill.  
 MILWAUKEE bottle corking machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.  
 MILWAUKEE bottle corking machines—L. Weiscof Co., 30 Church, New York  
 MILWAUKEE bung branding machines, pitching machines—Pawling & Harnischfeger Co., Milwaukee, Wis.

MILWAUKEE carbureters—Milwaukee Auto Engine & Supply Co., 708 Winnebago, Milwaukee, Wis.  
 MILWAUKEE concrete mixers—Lakewood Engng. Co., Cleveland, Ohio  
 MILWAUKEE carbureters—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 MILWAUKEE concrete mixers—Milwaukee Concrete Mixer, 955 30th, Milwaukee, Wis.  
 MILWAUKEE corn binder & harvesters, grain binders, mowers, reapers, sickle grinders, sulky hay rakes—International Harvester Company of America (Inc.), 720 Harvester bldg., Chicago, Ill.  
 MILWAUKEE cream separators—Milwaukee Separator Co., Milwaukee, Wis.  
 MILWAUKEE die moulded castings—Milwaukee Die Casting Co., Milwaukee, Wis.  
 MILWAUKEE electric lamp flashlight—Universal Novelty Works, 147 W. 23d, New York  
 MILWAUKEE feed water heaters—Nordberg Mfg. Co., 476 Virginia, Milwaukee, Wis.  
 MILWAUKEE friction clutches—R. J. Schwab & Sons, Milwaukee, Wis.  
 MILWAUKEE hay carriers, grapple forks, cattle stanchions, wire stretchers—Milwaukee Hay, Tool Co., Milwaukee, Wis.  
 MILWAUKEE lubricating oil storage tanks, waste saturating systems—Milwaukee Tank Works, 156 Clinton, Milwaukee, Wis.  
 MILWAUKEE metal shaping machines—Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.  
 MILWAUKEE milling machines—Kearney & Trecker Co., Milwaukee, Wis.  
 MILWAUKEE reaming machines—J. C. Busch Co., 140 Ferry, Milwaukee, Wis.  
 MILWAUKEE sand mixing machines, sprue cutters—Vulcan Engineering Sales Co., 2059 Elston av, Chicago, Ill.  
 MILWAUKEE steaming trays—Milwaukee Brewers' Specialty Co., 116 Huron, Milwaukee, Wis.  
 MILWAUKEE tool grinders—Lutter & Gies, Milwaukee, Wis.  
 MILWAUKEE ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.  
 MILWAUKEE DIAMOND expanded metal lath—Milwaukee Corrugating Co., Milwaukee, Wis.  
 MINE-A-PHONE mine telephones—Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 MINER draft gear—W. H. Miner, Rookery bldg, Chicago, Ill.  
 MINER street lamps—Thos. T. W. Miner, 828 Eagle av, New York  
 MINERAL wool felts—H. W. Johns-Manville Co., Madison av & 41st, New York  
 MINERAL-CLEANER metal cleaners—Electric Smelting & Aluminum Co., Lockport, N. Y.  
 MINERALBA cold water paints—Edson, Starks & Co., Saxton's River, Vt.  
 MINERALITE air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 MINERALITE asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York  
 MINERALLAC insulating compounds—Minerallac Electric Co., 400 S. Hoyne av, Chicago, Ill.  
 MINER'S sunshine safety lamps, torch oils—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 MINFORD carbon paper—Minford Ribbon & Carbon Co., 444 Pearl, New York  
 MING BLADES for electric fans—Eck Dynamo & Motor Co., Belleville, N. J.  
 MIN-ITE dynamite—Burton Powder Co., Pittsburgh, Pa.  
 MINNEAPOLIS feed cookers—R. R. Howell & Co., 31st av & S. E. 5th, Minneapolis, Minn.  
 MINNEAPOLIS heat regulators—Electric Heat Regulator Co., Minneapolis, Minn.  
 MINNEAPOLIS heat regulators—Minneapolis Heat Regulator Co., 2753 4th av, S. Minneapolis, Minn.  
 MINNEAPOLIS traction engines—Minneapolis Threshing Machine Co., 226 N. 2nd, Hopkins, Minn.  
 MINNEHAHA drinking fountains—Kohler Co., Sheboygan, Wis.  
 MINNESOTA farm wagons—Winona Wagon Co., Winona, Minn.  
 MINNESOTA stone polishing machinery—Granite City Iron Works Co., St. Cloud, Minn.  
 MINNICH waste baling presses—Minnich Machine Works, Landisville, Pa.  
 MINOLARD cutting oils—White & Bagley Co., Worcester, Mass.  
 MINOR disinfectants—W. E. Minor Disinfectant Co., Cleveland, Ohio  
 MINWAX paints, elastic cements, waterproofing materials—Minwax Co., 18 E. 41st, New York  
 MIOGNITE fire-proof cable insulation—H. W. Johns-Manville Co., Madison av & 41st, New York



MIONE hand soap—Mione Mfg. Co., Collingdale, Pa.  
 MIRAC paint & varnish remover—John Lucas & Co., 322 Race, Phila., Pa.  
 MIRC'S fuel oil burning furnaces—Mirc's Fuel-Oil Equipment Co., Lancaster, Pa.  
 MIRECO polishing cloths—Mill Remnants Co., 19 Bond, New York  
 MIRRLESS-WATSON water evaporators—Yaryan Co., 25 Church, New York  
 MIRROR spinning rings—Draper Corp., Hopedale, Mass.  
 MISABA churn drill engines—Clyde Iron Works, Duluth, Minn.  
 MISCH valve grinders—Motch & Merryweather Machinery Co., 711 Lakeside av, N. W., Cleveland, Ohio  
 MISCO babbitt metal—Milwaukee Tack Co., 27th & Wahl av, Milwaukee, Wis.  
 MISHAWAKEE ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.  
 MISMERS open hearth steel—Inland Steel Co. 1st Nat'l Bank bldg., Chicago, Ill.  
 MISSING LINK connecting links—Thos. Laughlin Co., Portland, Me.  
 MISSION clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 MISSION plaster & stucco—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.  
 MISSISSIPPI gauge cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
 MISSISSIPPI gauge cocks—Wm. Powell Co., Cincinnati, Ohio  
 MISSISSIPPI hoes—American Fork & Hoe Co., Cleveland, Ohio  
 MISSISSIPPI VALLEY corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.  
 MISSOURI car doors & fittings—Western Railway Equipment Co., Central Nat'l Bk. bldg., St. Louis, Mo.  
 MISSOURI fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.  
 MISSOURI grain drills—Genesee Valley Mfg. Co., Mount Morris, N. Y.  
 MISSOURI white lead—Wm. Waterall & Co., Camden, N. J.  
 MIST sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 MISTIC paint & varnish remover—J. A. & W. Bird & Co., Boston, Mass.  
 MITCHELL automobile engines—Lewis Mitchell Motor Co., Racine, Wis.  
 MITCHELL fire extinguishers—Badger Chemical Mfg. Co., Milwaukee, Wis.  
 MITCHELL metallic packing—Paxton-Mitchell Co., Omaha, Nebr.  
 MITCHELL switch points—Cleveland Railway Supply Co., Cleveland, Ohio  
 MITCHELL'S peerless pail clasps—Twisted Wire & Steel Co., 521 Greenwich, New York  
 MITE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 MIUSA toilet paper—Union Paper & Twine Co., 125 St. Clair av, N. W., Cleveland, Ohio  
 MIX-AP paint mixers—Geo. Whigelt, 124 Maiden la, New York  
 MIXTER champion saw tools—J. W. Mixer Saw Tool Co., Plymouth, Mass.  
 MOBACH plain milling machine vises—Mobach Tool & Mfg. Co., Cambridge, Mass.  
 MOBILENE packing & gaskets—H. W. Johns-Manville Co., Madison av & 41st, New York  
 MOBILOIL lubricating oils—Vacuum Oil Co., Rochester, N. Y.  
 MOBILUBRICANT lubricating oils—Standard Oil Co. of Ohio, Cleveland, Ohio  
 MOBILUBRICANT lubricating oils—Vacuum Oil Co., Rochester, N. Y.  
 MOCCASIN self-oiling wheels—Chattanooga Car & Foundry Co., Chattanooga, Tenn.  
 MOCKINGBIRD steam whistles—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 MOCOCO nitric acid, sulphate of copper—Mountain Copper Co. (Ltd.), San Francisco, Cal.  
 MODEL automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.  
 MODEL belting, hose & packing—Empire Tire & Rubber Corp., East Trenton, N. J.  
 MODEL boiler injectors—Henry B. Pancoast Co., 243 S. 3rd, Phila., Pa.  
 MODEL coal chutes—Richards Iron Works, Manitowoc, Wis.  
 MODEL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 MODEL farm trucks—Abingdon Wagon Co., Abingdon, Ill.

MODEL flanging clamps—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.  
 MODEL garment hangers—Hutchins-Kilbourne, Buffalo, N. Y.  
 MODEL harness snaps—Covert Saddlery Works, Interlaken, N. Y.  
 MODEL harrows—Standard Harrow Co., Utica, N. Y.  
 MODEL incandescent electric lamps—Holscher Electric Mfg. Co., Warren, Ohio  
 MODEL lubricators—American Lubricator Co., Detroit, Mich.  
 MODEL plows—Kingman Plow Co., Peoria, Ill.  
 MODEL STAR valves—Wm. Powell Co., Cincinnati, Ohio  
 MODEL steam heaters—Model Heating & Engineering Co., Phila., Pa.  
 MODEL steel stools—Toledo Metal Furniture Co., Toledo, Ohio  
 MODEL woven wire fences—American Wire Fence Co., 10 S. La Salle, Chicago, Ill.  
 MODEL A rotary surface grinders—Persons-Arter Machine Co., Worcester, Mass.  
 MODEL B. windmills—U. S. Wind Engine & Pump Co., Batavia, Ill.  
 MODELINE modeling clays—Novitas Sales Co., Waltham, Mass.  
 MODEL SIX auto-ladders—Bicycle Step Ladder Co., 6 W. Randolph, Chicago, Ill.  
 MODERN clutch pencils—Hoge Mfg. Co., 45 John, New York  
 MODERN collapsible taps—Modern Tool Co., Erie, Pa.  
 MODERN cooking stoves—Odin Stove Mfg. Co., Erie, Pa.  
 MODERN duplicators—Durkin, Reeves & Co., 507 Schmidt bldg., Pittsburgh, Pa.  
 MODERN foundry molding machines—Arcade Mfg. Co., Freeport, Ill.  
 MODERN maple flooring—Herman H. Hettler Lumber Co., 2601 Elston av, Chicago, Ill.  
 MODERN range boilers—Hayes Mfg. Co., Paterson, N. J.  
 MODERN self-heating irons—Sun Mfg. Co., South Bend, Ind.  
 MODERN steam heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 MODERN water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.  
 MODIFIED EUREKA laundry starch—Corn Products Refining Co., 17 Battery pl, New York  
 MODOC brass polish—Modoc Co., Fernwood, Phila., Pa.  
 MODOC journal lubricant & gear grease—Modoc Company, Fernwood, Pa.  
 MOGEL automobile horns—O'Brien Electrophone Co., Howell, Me.  
 MOGUL babbitt metal—Mogul Metal Co., Detroit Mich.  
 MOGUL candelabra receptacles—Arrow Electric Co., Hartford, Conn.  
 MOGUL draft springs—Robert P. Wilson, 320 Market, Newark, N. J.  
 MOGUL gas engines—Woodmanse Mfg. Co., Freeport, Ill.  
 MOGUL gasoline blow torches—Turner Brass Works, Sycamore, Ill.  
 MOGUL grease cups—Wm. Powell Co., Cincinnati, Ohio  
 MOGUL kerosene tractors—International Harvester Company of America, Inc., 702 Harvester bldg., Chicago, Ill.  
 MOGUL lawn swings—Forbes Mfg. Co., Hopkinsville, Ky.  
 MOGUL packing—H. W. Johns-Manville Co., Madison av & 41st, New York  
 MOHAWK belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 MOHAWK boiler compounds—Mohawk Refining Co., 1187 River av, N. W., Cleveland, Ohio  
 MOHAWK marine engines—S. & R. Mfg. Co., Schenectady, N. Y.  
 MOHAWK parting compounds—Keystone Foundry Supply Co., Buffalo, N. Y.  
 MOHAWK reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd St. bldg., New York  
 MOHAWK shoe blacking & polishes—A. F. Cox & Sons, Portland, Me.  
 MOHAWK tool steel—Ludlum Steel Spring Co., Watervliet, N. Y.  
 MOHICAN rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 MOHN drilling machine vises—W. D. Mohn & Co., Reading, Pa.  
 MOIA lenses—Allendorf Co., Cleveland, Ohio  
 MOISE sewage siphons—Merritt Hydraulics Co., 110 N. Broad, Phila., Pa.



- MOISSAN electric furnaces—Elmer & Amend, 18th & 3rd, New York
- MOLE tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
- MOLINE agricultural implements—Moline Plow Co., Moline, Ill.
- MOLINE car pullers—Barnard & Lease Mfg. Co., Moline, Ill.
- MOLINE pumping jacks—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
- MOLINE row-locks—Wilcox-Crittenden & Co., Middletown, Conn.
- MOLINE scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
- MOLINE upsetting & forging machines—Williams, White Mfg. Co., Moline, Ill.
- MOLINE-McCORMICK turbine water wheels—Barnard & Lease Mfg. Co., Moline, Ill.
- MOLLY STARK mop wringers—Bennington Scale Co., Bennington, Vt.
- MOLONEY transformers—Moloney Electric Co., 7th & Hickory, St. Louis, Mo.
- MONACA drill rods—Pittsburgh Tool Steel Wire Co., Monaca, Pa.
- MONAHAN sewer & trench & excavating machines—W. J. Heggie, Joliet, Ill.
- MONAMOILE lubricating oils & greases—Monarch Mfg. Co., Council Bluffs, Ia.
- MONARCH ammeters & voltmeters—Hercules Instrument Co., Mt. Vernon, N. Y.
- MONARCH annealing, assayers; bullion, case hardening, melting, reducing, refining, reheating, tinning & welding furnaces, fuel oil burners & pressure blowers—Monarch Eng. & Mfg. Co., American bldg, Baltimore, Md.
- MONARCH automobile horns—Monarch Tool & Machinery Co., 1901 S. Western av, Chicago, Ill.
- MONARCH automobile tire holders—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.
- MONARCH automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.
- MONARCH axles—Am. Axe & Tool Co., Glassport, Pa.
- MONARCH babbitt metal—Nassau Smelting & Refining Works, 603 W. 29th, New York
- MONARCH bath & basin plugs—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.
- MONARCH bath & basin traps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.
- MONARCH belting, belt lacing, belt dressing, belt cements, wood split pulleys—Bradford Belting Co., Cincinnati, Ohio.
- MONARCH bottle filling machines—Liquid Carbonic Co., 3100 S. Kenzie av, Chicago, Ill.
- MONARCH brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
- MONARCH brass air cocks, rotary bilge pumps, circuit breakers, spark coils, stuffing boxes, air & check valves—Monarch Valve Co., 112 Front, Brooklyn, N. Y.
- MONARCH car couplers—Monarch Steel Casting Co., Detroit, Mich.
- MONARCH carriage curtain lights, carriage top props—Monarch Carriage Goods Co., Cincinnati, Ohio.
- MONARCH carriage fasteners—Enterprise Brass & Plating Co., 2844 Spring Grove av, Cincinnati, Ohio.
- MONARCH cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.
- MONARCH cinder mills—O. J. Moussette, 481 Driggs av, Brooklyn, N. Y.
- MONARCH clothes racks—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- MONARCH concrete building block machinery—Cement Machv Co., Jackson, Mich.
- MONARCH concrete inserts—Philadelphia Expansion Bolt Co., 124 North 6th, Philadelphia, Pa.
- MONARCH copper wire—Monarch Electric & Wire Co., 622 W. Adams, Chicago, Ill.
- MONARCH corn & cob mills, corn shellers, feed grinding mills, attrition & French buhr mills—Sprout, Waldron & Co., Muncy, Pa.
- MONARCH cream separators—Lisle Mfg. Co., Clarinda, Ia.
- MONARCH cultivators—Racine-Sattley Co., Springfield, Ill.
- MONARCH cultivators, corn harvesters, harrows, hay tedders—Ohio Rake Co., Dayton, Ohio
- MONARCH diaphragm screens—Geo. F. Shevlin Mfg. Co., Saratoga Springs, N. Y.
- MONARCH disc sharpeners—Murray Iron Works Co., Central av & Washington, Burlington, Ia.
- MONARCH drainage traps—Power Plant Specialty Co., Monadnock blk., Chicago, Ill.
- MONARCH electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
- MONARCH engine stops—Consolidated Engine Stop Co., 511 W. 42d, New York
- MONARCH ensilage cutters—Silver Mfg. Co., Salem, Ohio
- MONARCH feed cutters—Lehr Agricultural Co., Fremont, Ohio
- MONARCH fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
- MONARCH flushing valves & brass & lead traps—Monarch Brass Co., Cleveland, Ohio
- MONARCH gas engines—H. L. F. Trebert Engine Works, Rochester, N. Y.
- MONARCH gasoline engines, kerosene oil engines—Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
- MONARCH gasoline stoves, gas & oil stoves & heaters—Excelsior Stove & Mfg. Co., Quincy, Ill.
- MONARCH hatchets—Grey Iron Casting Co., Mt. Joy, Pa.
- MONARCH hot air furnaces—Forest City Foundry & Mfg. Co., Cleveland, Ohio
- MONARCH hydrated lime—National Lime & Stone Co., Carey, Ohio
- MONARCH ironing machines—Adams Laundry Machinery Co., Troy, N. Y.
- MONARCH laundry marking machines—American Mfg. Co., Atlanta, Ga.
- MONARCH lawn swings—Challenge Co., Batavia, Ill.
- MONARCH lawn swings—Western Wheel Barrow & Mfg. Co., So. Fort Smith, Ark.
- MONARCH metal polish—M. B. Suydam Co., 61st & Butler, Pittsburgh, Pa.
- MONARCH mine car hitchings—Macomber & Whyte Rope Co., 507 S. Clinton, Chicago, Ill.
- MONARCH moving picture machines—National Moving Picture Co., 537 S. Dearborn, Chicago, Ill.
- MONARCH mucilage, paste, writing inks—Monarch Glue Co., 202 Main, Cincinnati, Ohio
- MONARCH packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- MONARCH padlock locks—U. S. Lock & Hdwe. Co., Columbia, Pa.
- MONARCH paints—Martin-Senour Co., 2514 Quarry, Chicago, Ill.
- MONARCH pneumatic tools, chipping & calking hammers—Monarch Pneumatic Tool Co., E. St. Louis, Ill.
- MONARCH ratchet drills—Keystone Mfg. Co., Buffalo, N. Y.
- MONARCH refillable cartridge fuses—Ackley Brake & Supply Corp., 50 Church, New York
- MONARCH root cutters—Donaldson Bros., Mount Clemens, Mich.
- MONARCH rubber hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.
- MONARCH safety fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.
- MONARCH saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
- MONARCH screw cutting lathes—Monarch Machine Co., Sidney, Ohio
- MONARCH sewed buffing wheels—S. A. Day Mfg. Co., 1485 Niagara, Buffalo, N. Y.
- MONARCH spark plugs—Benford Mfg. Co., Mount Vernon, N. Y.
- MONARCH spice mills—Wrightsville Hardware Co., Wrightsville, Pa.
- MONARCH steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
- MONARCH steam road rollers—American Road Machinery Co., Kennett Square, Pa.
- MONARCH step ladders—Pratt Mfg. Co., Coldwater, Mich.
- MONARCH step ladders—Superior Ladder Co., Goshen, Ind.
- MONARCH straw dispensers—Coe Mfg. Co., 35 Warren, New York
- MONARCH stump pullers—Zimmerman Steel Co., Lone Tree, Ia.
- MONARCH tack claws & pullers—Bradley & Farnham, Middlefield, Conn.
- MONARCH tank heaters, windmills—Celina Mfg. Co., Celina, Ohio
- MONARCH time recorders, watchman's clocks—Yaxley Mfg. Co., 1101 W. Monroe, Chicago, Ill.
- MONARCH tire benders—Kane & Roach, Syracuse, N. Y.
- MONARCH traction engines—Aultman & Taylor Machinery Co., Mansfield, Ohio
- MONARCH wall plaster—Wasem Plaster Co., Fort Dodge, Ia.
- MONARCH washing machines—American Wooden Ware Mfg. Co., Toledo, Ohio
- MONARCH water heaters—American Stove Co., St. Louis, Mo.



**MONARCH** weatherproof wire, flexible cords—Monarch Electric & Wire Co., 622 W. Adams, Chicago, Ill.

**MONARCH** window ventilators—Monarch Ventilator Co., 39 Church, New York

**MONARCH** woven wire fences—Keystone Steel & Wire Co., Peoria, Ill.

**MONARCH-ACME** core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.

**MONARCH-ARUNDEL** core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.

**MONARCH BELL** ladle heaters—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.

**MONARCH JUNIOR** core ovens—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.

**MONARCH-ROCKWELL** annealing, assayers; bullion, case hardening, melting, reducing, refining, reheating, tinning, & welding furnaces—Monarch Engng. & Mfg. Co., American bldg., Baltimore, Md.

**MONARCH SUNSHINE** steam heaters—Reading Scale & Machine Co., Reading, Pa.

**MONASH** steam separators, valves, radiator shields, steam traps—Monash-Yunker Co., 1407 W. Jackson blvd., Chicago, Ill.

**MONASTERY** wood stains—Patterson-Sargent Co., Cleveland, Ohio

**MONATIQUOT** reclaimed rubber—Monatiquot Rubber Works Co., S. Braintree, Mass.

**MONAX** incandescent light globes—Macbeth-Evans Glass Co., Pittsburgh, Pa.

**MONCE** glass cutters—S. G. Monce, Unionville, Conn.

**MOND** gas producers—R. D. Wood & Co., 400 Chestnut, Philadelphia, Pa.

**MONEL** iron & steel roofing—American Sheet & Tin Plate Co., Pittsburgh, Pa.

**MONEY-MAKER** ensilage cutters, rice threshers—Swayne, Robinson & Co., Richmond, Ind.

**MONEY SAVER** baling presses—Woodall Mfg. Co., 500 Taylor, Davenport, Ia.

**MONIGHAN** drag line excavators, mortar mixers—Monighan Machine Co., 2032 Carroll av, Chicago, Ill.

**MONITOR** ash & garbage cans—Central Stamping Co., 174 Fulton, New York

**MONITOR** barn cupolas—B. F. Litchy & Sons Co., Waterloo, Ia.

**MONITOR** belting, hose, packing—Empire Tire & Rubber Corp., East Trenton, N. J.

**MONITOR** boiler injectors—Nathan Mfg. Co., 416 E. 106th, New York

**MONITOR** book binders' machinery—Latham Machinery Co., 1153 Fulton, Chicago, Ill.

**MONITOR** car truck & body bolsters—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.

**MONITOR** cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.

**MONITOR** clothes washing machines—Champion Washing Machine Co., Cincinnati, Ohio

**MONITOR** coffee or spice mills—Mirroscope Co., Cleveland, Ohio

**MONITOR** corn & cob mills, gasoline engines, windmills—Baker Mfg. Co., Evansville, Wis.

**MONITOR** electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York

**MONITOR** feed grinding mills—C. S. Bell Co., Hillsboro, Ohio

**MONITOR** feed water heaters, oil extractors—Jarvis Engine & Machine Works, Lansing, Mich.

**MONITOR** gas mixers—Cullen & Atkinson Co., Hartford, Conn.

**MONITOR** gas ranges—Monitor Stove & Range Co., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio

**MONITOR** glass cutters—Millers Falls Co., 28 Warren, New York

**MONITOR** grain drills, rice planting drills, seeders & sowers—Moline Plow Co., Moline, Ill.

**MONITOR** green pea cleaning & grading machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.

**MONITOR** hand carts—Frank J. Aubeuf, Oneida, N. Y.

**MONITOR** heaters & radiators—Monitor Bi-Loop Radiator Co., Lancaster, Pa.

**MONITOR** hose nozzles—Andrew J. Morse & Son (Inc.), 221 High, Boston, Mass.

**MONITOR** ice cream freezers—Thomas Mills & Bro., 3108 N. 4th, Phila., Pa.

**MONITOR** lamp guards—McGill Mfg. Co., Valparaiso, Ind.

**MONITOR** packing—Allen Packing Co. (Est. of), Collingswood, N. J.

**MONITOR** packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.

**MONITOR** paints—Barrett Co., 17 Battery pl, New York

**MONITOR** pasteurizing machines—Loew Mfg. Co., Cleveland, Ohio

**MONITOR** pumps—Humphryes Mfg. Co., Mansfield, Ohio

**MONITOR** range boilers—Walls, Owen & Stambach Co., Phila., Pa.

**MONITOR** sash locks—Champion Hardware Co., Geneva, Ohio

**MONITOR** steam heaters—Monitor Bi-Loop Radiator Co., Lancaster, Pa.

**MONITOR** steam traps—Lawyer Regulator Co., 473 W. Broadway, New York

**MONITOR** turbine water wheels—Lane Mfg. Co., Montpelier, Vt.

**MONITOR** water pressure gauges—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

**MONITOR** well augers—Gustave Pech Foundry & Machine Co., Le Mars, Ia.

**MONITOR** wood sawing machines—Greendale Gas Engine Co., Worcester, Mass.

**MONKEY** bicycle wrenches—Girard Wrench Mfg. Co., Girard, Pa.

**MONKEY-SHINE** metal polish—Hazen-Brown Co., 123 Beach, Boston, Mass.

**MONK'S** moulders' tools—Oscar Barnett Foundry Co., Irvington, N. J.

**MONMOUTH** cultivators—Monmouth Plow Factory, Monmouth, Ill.

**MONNOT** copper clad steel, silver plated steel, copper wire—Duplex Metal Co., Chester, Pa.

**MONOBEL** explosives—E. I. du Pont de Nemours & Co., Wilmington, Del.

**MONOGRAM** belt lacing—National Leather Mfg. Co., Niles, Mich.

**MONOGRAM** enameled ware—John Dunlap Co., Gregg, Pittsburgh, Pa.

**MONOGRAM** gate valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.

**MONOGRAM** hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.

**MONOGRAM** stoves & steel ranges—Jones & Hopkins Mfg. Co., Nashville, Tenn.

**MONOGRAPH** feed water purifiers—Berry Engineering Co., Chester, Pa.

**MONOLITH** sanitary flooring—American Monolith Co., 765 30th, Milwaukee, Wis.

**MONONA** printing machinery—Wisconsin Foundry & Machine Co., Madison, Wis.

**MONONGAHELA VALLEY** miners' lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.

**MONOPLANE** steering sleds—Carriage & Toy Co., 741 W. Lombard, Baltimore, Md.

**MONOPLEX** automobile horns—Kent Atwater Mfg. Works, 4937 Stenton, Phila., Pa.

**MONROE** partitions—W. H. Monroe Co., Lima, Ohio

**MONSCO** silos—Monolithic Silo & Const. Co., 122 S. Michigan av, Chicago, Ill.

**MONSON** slate—Portland-Monson Slate Co., Portland, Me.

**MONTAGUE** addressing & mailing machines—Montague Mailing Machine Co., Chattanooga, Tenn.

**MONTANA** belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

**MONTAUK** hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York

**MONTAUK** paints—Montauk Paint Mfg. Co., 2nd av, Brooklyn, N. Y.

**MONTE** wrenches—Monte Wrench Co., Shelbyville, Ind.

**MONTEAGLE** piston packing—Lockwood Mfg. Co., Boston, Mass.

**MONTGOMERY** nail pullers—P. Lowentraut Mfg. Co., 36 Brenner, Newark, N. J.

**MONTGOMERY** tube expanders—Gustav Wiedeke & Co., Dayton, Ohio.

**MONTROSE** gauge glasses—E. F. Keating Co., 446 Water, New York

**MOON** plow coulters—B. F. Avery & Sons, Louisville, Ky.

**MOON** telephone cable terminals—Moon Mfg. Co., 122 N. Jefferson, Chicago, Ill.

**MOONLIGHT** fishing bait—Moonlight Bait Co., Paw Paw, Mich.

**MOONSHINE** metal polish—Wm. T. Johnson Co., 3rd & Vine, Cincinnati, Ohio

**MOONSHINE** metal polish—Wm. R. Winn, 143 Maiden la, New York

**MOORE** belt sanding machines, wood carving machines—Curtis Mach. Corp., Jamestown, N. Y.

**MOORE** car door hangers—Stowell Mfg. & Fdry. Co., So. Milwaukee, Wis.

**MOORE** clothes washing machines, feed grinding mills—Moore Given Co., Spring Valley, Ill.

**MOORE** cultivators, feed cookers, potato diggers, farm boilers, gasoline engines—Moore Plow & Implement Co., Greenville, Mich.

**MOORE** electric clocks—Electric Time & Mfg. Co., West Lafayette, Ind.



MOORE metal polish—E. C. Moore & Sons Co., Detroit, Mich.  
 MOORE railway track drills—Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
 MOORE slime filters, cyanide plants & filter presses—Moore Filter Co., 43 Exchange pl., New York  
 MOORE steam pumps—Union Steam Pump Co., Battle Creek, Mich.  
 MOORE & BRISTOL'S can filling machine—Sprague Canning Machinery Co., 222 N. Wabash av., Chicago, Ill.  
 MOORE'S capstan screws—G. W. Moore, 44 Farnsworth, Boston, Mass.  
 MOORE'S chain hoists, elevator door locks—Chisholm-Moore Mfg. Co., 49th & Lake, Cleveland Ohio  
 MOORE'S clothes pins—National Spring Clip Co., Montpelier, Vt.  
 MOORE'S cocks & bibbs—Peck Bros. & Co., New Haven, Conn.  
 MOORE'S fountain pens—Adams, Cushing & Foster, 168 Devonshire, Boston, Mass.  
 MOORE'S stoves & hot air furnaces—Moore Bros. Co., Joliet, Ill.  
 MOOSE sporting & athletic goods—Brauer Bros. Mfg. Co., 204 N. 14th, St. Louis, Mo.  
 MORAN pneumatic lifts—Ingersoll-Rand Co., 11 Broadway, New York  
 MORAN steam heaters—Moran Boiler Co., Hopkins, Minn.  
 MORAN'S belt couplings—Greene, Tweed & Co., 109 Duane, New York.  
 MORDEN perfect key rings—Morden Mfg. Corporation, Waterbury, Conn.  
 MOREHEAD steam traps—Morehead Mfg. Co., Detroit, Mich.  
 MORE-JONES armature & axle bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.  
 MORELAND ring packing—H. Johnson Co., ft. Gates av., Jersey City, N. J.  
 MORELIGHT electric desk lights—American Electric Co., 6401 S. State, Chicago, Ill.  
 MORE'S corn poppers—Chapman Co., Geneva, N. Y.  
 MOREY welding compound—Morey Flux & Chemical Co., Parkersburg, Pa.  
 MORGAN cranes, hammers, shears, punches, bending & flanging machines—Morgan Engineering Co., Alliance, Ohio.  
 MORGAN door springs, producers, gas machines—Morgan Construction Co., Worcester, Mass.  
 MORGAN hose clamps, handy tool sets, automobile jacks—Morgan Mfg. Co., Newport, R. I.  
 MORGAN rubber tires—Morgan & Wright, Detroit Mich.  
 MORGAN spading harrows—Wiard Plow Co., Batavia N. Y.  
 MORGANITE carbon brushes—Morgan Cricuble Co., 519 W. 38th, New York  
 MORGANLITE metal polish—Morgan Mfg. Co., Newport, R. I.  
 MORIN'S saw gauges—S. J. Morin, Seattle, Wash.  
 MORISON corrugated furnaces—Continental Iron Works, Brooklyn, N. Y.  
 MOROCCO packing—General Asbestos Rubber Co., Charleston, S. C.  
 MOROCCOLINE car curtains & materials—Boston Artificial Leather Co., Stamford, Conn.  
 MORRAL labeling machines—Morral Bros., Morral, Ohio  
 MORRILL saw sets, box openers, nail & spike pullers, punches, bench stops—Chas. Morrill, 100 Lafayette, New York  
 MORRILL PATTERN saw sets—L. A. Sayre & Co., 332 Mulberry, Newark, N. J.  
 MORRIS grain dryers—Morris Grain Dryers & Salvage Co., Milwaukee, Wis.  
 MORRIS kitchen saws—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 MORRIS-WESTON sugar centrifugals—Cresson-Morris Co., Allegheny av., W. of 17th, Philadelphia, Pa.  
 MORRISON crude oil engines—Elwood Iron Works Co., Elwood, Ind.  
 MORRISON guard rails—Cambria Steel Co., Johnstown, Pa.  
 MORRISON massage vibrators—Manhattan Electrical Supply Co., 17 Park pl., New York  
 MORRISON riding & walking listers—Fort Madison Plow Co., Fort Madison, Ia.  
 MORRISON storage batteries—Helios Mfg. Co., Garden, nr Brill, Bridesburg, Philadelphia, Pa.  
 MORROCO black sheet packing—General Asbestos Rubber Co., Charleston, S. C.  
 MORROW coaster brakes—Eclipse Machine Co., Elmira, N. Y.

MORROW drill chucks—E. Horton & Son Co., Windsor Locks, Conn.  
 MORSE draughting tables—American Drafting Furniture Co., 199 Railroad, Rochester, N. Y.  
 MORSE dust collectors—Knickerbocker Co., Jackson, Mich.  
 MORSE incandescent lamp guards, lamp cord adjusters, trouble finding lamps, searchlights, wire connectors—Frank W. Morse, 293 Congress, Boston, Mass.  
 MORSE silent running transmission chain—Morse Chain Co., Ithaca, N. Y.  
 MORSE twist drills—H. A. Rogers Co., 87 Walker, New York  
 MORSE wall ties—J. B. Prescott & Son, Webster, Mass.  
 MORSE window ventilators—L. Morse & Sons, Athol, Mass.  
 MORSE wood bits—Union Twist Drill Co., Athol, Mass.  
 MORSE EUREKA testing clips, electric cable hangers, centre handle switches, telephone plug terminals—Frank W. Morse, 293 Congress, Boston, Mass.  
 MORSE WATCH telegraph instruments—Manufacturers & Inventors Electric Co., 29 Gold, New York  
 MORTON gasoline tractors engines—Morton Truck & Tractor Co., Harrisburg, Pa.  
 MORTON razor strops—National Cutlery Co., Phila., Pa.  
 MORTON traction engines—Morton Truck & Tractor Co., Harrisburg, Pa.  
 MORTY rat traps—Detroit Wire & Iron Works, Detroit, Mich.  
 MORUS water closets—Fort Pitt Supply Co., 332 2nd av., Pittsburgh, Pa.  
 MOSAIC enameled blotting paper—Wrenn Paper Co., Middletown, Ohio  
 MOSCO automobile wheel pullers—Motor Specialties Co., Waltham, Mass.  
 MOSER casing heads—Kane Supply Co., Kane, Pa.  
 MOSER mine drills—What Cheer Tool Co., What Cheer, Ia.  
 MOSER pneumatic lifts—Ingersoll-Rand Co., 11 Broadway, New York  
 MOSHEIK wash boilers—Philip Mosheik, 1108 S. Halsted, Chicago, Ill.  
 MOSHER bag holders—Webster Mfg. Co., Tiffin, Ohio  
 MOSHER electric car headlights—Dayton Mfg. Co., Dayton, Ohio  
 MOSHER jacks—F. M. Dewese & Co., Chillicothe, Ohio  
 MOSHER tool racks—F. M. Mosher, Canton, Ill.  
 MOSSBERG wrenches, reels, cotter pin extractors, letter openers—Frank Mossberg Co., Attleboro, Mass.  
 MOSSMANN harness specialties buckle shields—North & Judd Mfg. Co., New Britain, Conn.  
 MOSS UNIVERSAL lathe chucks—Commonwealth Supply Co., Richmond, Va.  
 MOTEX babbitt metal—I. M. Jacobson & Sons Co., 70 Catherine, Detroit, Mich.  
 MOTHALINE insecticides—H. C. Dusenberry (Inc.), 95 Gold, New York  
 MOTOR padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 MOTORBESTOS brake lining—Asbestos & Rubber Works of America, 58th & Broadway, New York  
 MOTORITE packing—Crandall Packing Co., Palmyra, N. Y.  
 MOTOROPE automobile towing ropes—Asch & Co., 16 W. 61st, New York  
 MOTSINGER plug switches—Motsinger Device Mfg. Co., Lafayette, Ind.  
 MOUAT vapor heating system—Mouat-Squires Co., Cleveland, Ohio  
 MOUND automobile tools—Mound Tool & Scraper Co., 1203 S. 7th, St. Louis, Mo.  
 MT. DIABOL cement—Cowell Portland Cement Co., San Francisco, Cal.  
 MT. HOOD fanning mills—Johnson & Field Mfg. Co., Racine, Wis.  
 MT. JOY steak pounders—Grey Iron Casting Co., Mt. Joy, Pa.  
 MT. TOUR lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.  
 MT. VERNON belting—Mount Vernon Belting Co., 333 Warren av., Baltimore, Md.  
 MOUNTVILLE potato diggers—Mountville Mfg. Co., Mountville, Pa.  
 MOWELL relief valves—Augustus Mowell, Paterson, N. J.  
 MO-YO-CO. steam traps—Monash-Younger Co., 1407 W. Jackson blvd., Chicago, Ill.



- MR. BILL riding listers—B. F. Avery & Sons, Louisville, Ky.
- MR. PUNCH automatic drilling machines—Gandell-Pratt Co., Greenfield, Mass.
- MRS. BEST'S sad irons—Wrightsville Hardware Co., Wrightsville, Pa.
- MRS. POTTS sad irons—Bless & Drake, 175 N. J. RR. av. Newark, N. J.
- MRS. POTTS sad irons—Colebrookdale Iron Co., Pottstown, Pa.
- MRS. POTTS sad irons—Electric Mfg. Co., 424 3rd, San Francisco, Cal.
- MRS. POTTS sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.
- MRS. POTTS sad irons—N. R. Streeter & Co., Rochester, N. Y.
- MUDD'S metallic window frame—American Sheet Metal Works, New Orleans, La.
- MUDGETT tank heaters—Sargent, Osgood & Roundy Co., Randolph, Vt.
- MUELLER hot air furnaces, steam heaters—L. J. Mueller Furnace Co., Milwaukee, Wis.
- MUELLER pipe tongs—H. Mueller Mfg. Co., Decatur, Ill.
- MUELLER-SCHUTTE steam traps—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
- MUENZEL gas engines—Minneapolis Steel & Machinery Co., Minneapolis, Minn.
- MUIR friction clutches & friction clutch pulleys—Skillin & Richards Mfg. Co., 4520 Cortland, Chicago, Ill.
- MUISA toilet paper—Union Paper & Twine Co., 125 St. Clair av, N W, Cleveland, O.
- MULCONROY hose couplings, flexible metallic tubing—Mulconroy Co., 54th & Jefferson, Phila., Pa.
- MULE-HIDE-ROOFING—Lehon Co., W. 45th & S. Western av, Chicago, Ill.
- MULE PULL friction clutches, friction clutch couplings—Brown Engineering Co., Reading, Pa.
- MULFORD steam heaters—Galva Heater Co., Galva, Ill.
- MULITE incandescent vapor gas lamps—Nat'l Stamping & Electric Wks., 424 S. Clinton, Chicago, Ill.
- MULLEN air pumps—C. H. Wheeler Mfg. Co., Phila., Pa.
- MULLEN paper testers—B. F. Perkins & Son, Holyoke, Mass.
- MULLER barrel washing machines, hop separators—Ferdinand Ave Co., 401 E. 91st, New York
- MULLER pan grinder rims—Railway Steel Spring Co., 30 Church, New York
- MULLER printing & lithograph inks—J. A. Muller, 254 Pearl, New York
- MULLHOLLAND hatch fasteners—Mullholland Hatch Fastener Co., Cleveland, Ohio
- MULLIN cable reel jacks—Norris Electric Specialties Co., 38 Park Row, New York
- MULT-AU-MATIC vertical boring & turning machines—Bullard Machine Tool Co., Bridgeport, Conn.
- MULTE KOPY carbon paper—F. S. Webster Co., 340 Congregational, Boston, Mass.
- MUL-TI-AMPERE trolley harps—Recording Register & Fare Box Co., New Haven, Conn.
- MULTIBESTOS asbestos brake linings—Standard Woven Fabric Co., South Framingham, Mass.
- MULTI-CATCH sockets & receptacles—General Electric Co., Schenectady, N. Y.
- MULTIFLEX atmospheric valves—C. H. Wheeler Mfg. Co., Lehigh av & 18th, Phila., Pa.
- MULTI-METAL bolting cloth—Multi-Metal Separating Screen Co., 69 E. 131st, New York
- MULTI-PLATE hot air furnaces—J. Zellweger & Sons, St. Louis, Mo.
- MULTIPLATE valves—O'Malley-Beare Valve Co., Railway Ex. bldg, Chicago, Ill.
- MULTIPLATED cross valves—Pittsburgh Valve Foundry & Construction Co., 26th & A. V. Ry., Pittsburgh, Pa.
- MULTIPLE garment hangers—Hutchins-Kilbourne, Buffalo, N. Y.
- MULTIPLE medicinal atomizers—Hospital Rubber Co., Attleboro, Mass.
- MULTIPLE reversible ratchet wrenches—Lowell Wrench Co., 54 Commercial, Worcester, Mass.
- MULTIPLE valves—O'Malley-Beare Valve Co., Railway Exchange, Chicago, Ill.
- MULTIPLEX corrugated iron & steel—Berger Mfg. Co., Canton, Ohio
- MULTIPLEX hardware display fixtures—Multiplex Display Fixture Co., St. Louis, Mo.
- MULTIPLEX wrenches—Lowell Wrench Co., Worcester, Mass.
- MULTIPLUS lubricators—Greene, Tweed & Co., 109 Duane, New York
- MULTI-USE bed side tables—J. R. Baker & Sons Co., Kendallville, Ind.
- MULTI-VAPO-GAP lightning arresters—Lord Mfg. Co., 105 W. 40th, New York
- MULTOMETER speedometer—Hamilton Corp., Lancaster, Pa.
- MULVEY joist hangers—Variety Mfg. Co., 2958 Carroll av, Chicago, Ill.
- MUMFORD fire escapes—S. F. Hayward & Co., 250 W. 54th, New York
- MUNCIE brake drums—Muncie Gear Works, Muncie, Ind.
- MUNCIE type glass insulators—Hemingway Glass Co., Covington, Ky.
- MUNGER cotton ginning machinery—Continental Gin Co., Birmingham, Ala.
- MUNIT switch boxes—Cutter Electrical & Mfg. Co., 19th & Hamilton, Philadelphia, Pa.
- MUNN feed water heaters—Phoenix Iron Works Co., Meadville, Pa.
- MUNNSVILLE fruit evaporators—Munnsville Plow Co., Munnsville, N. Y.
- MUNTON car couplers—National Malleable Castings Co., Cleveland, Ohio
- MURALITE wall finish—M. Ewing Fox Co., 241 E. 136th, New York
- MURALTINT cold water paints—Columbia Refining Co., 90 West, New York
- MURCHEY collapsible taps, opening dies, pipe cutters, nipple threading machines—Murchey Machine & Tool Co., 85 Porter, Detroit, Mich.
- MURDOCK bobbin holders—Murdock & Geb Co., Franklin, Mass.
- MURDOCK fireplace dampers—Samuel H. Shaw & Co., 110 State, Boston, Mass.
- MURDOCK hydrants—Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
- MURESCO wall finish—Benjamin Moore & Co., 231 Front, Brooklyn, N. Y.
- MURO burlap—Cotta-a-Lap Co., Somerville, N. J.
- MURPHY carriage fasteners—G. W. J. Murphy Co., Merrimac, Mass.
- MURPHY dry kilns—Ridgway Mfg. Co., Ridgway, Pa.
- MURPHY pneumatic rock drills—C. T. Carnahan Mfg. Co., Denver, Colo.
- MURPHY pneumatic rock drills—Wickes Bros., Jersey City, N. J.
- MURPHY range boiler stands—Central Foundry Co., 90 West, New York
- MURPHY smokeless furnaces—Murphy Iron Works, ft. of Walker, Detroit, Mich.
- MURPHY & FLUSHING valves—Murphy Specialty Co., 90 2nd, Milwaukee, Wis.
- MURRAY carriage top raisers—P. A. Murray & Co., Newton, Mass.
- MURRAY electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- MURRAY feed water regulators—Murray Specialty Mfg. Co., Detroit, Mich.
- MURRAY tie spacing jacks—Belle City Malleable Iron Co., Racine, Wis.
- MURRAY KEYOKE coupler yokes—Keyoke Railway Equipment Co., Monadnock bldg., Chicago, Ill.
- MUSHET high speed steel—B. M. Jones & Co., 141 Milk, Boston, Mass.
- MUSIC MASTER phonograph horns—Sheip & Vandegrift, 820 N. Lawrence, Phila., Pa.
- MUSKINGUM steel sheets—American Rolling Mill Co., Middletown, Ohio
- MUSSELMAN coaster brakes—Miami Cycle & Mfg. Co., Middletown, Ohio
- MUTUAL lubricators—Detroit Shipbuilding Co., Detroit, Mich.
- MYAMA shade cloth—Chas. W. Breneman & Co., 2045 Reading rd, Cincinnati, Ohio
- MY CHOICE stove lid lifters—Grey Iron Casting Co., Mt. Joy, Pa.
- MYERS blow-off valves—Kelly & Jones Co., Pittsburgh, Pa.
- MYERS blow-off valves—Kennedy-Stroh Corp'n, Pittsburgh, Pa.
- MYERS boiler cleaners—Manchester Mfg. Co., North Manchester, Ind.
- MYERS hay tools, barn door, hinge & rail hangers, pumps, ladders, paint & whitewash spraying machines—F. E. Myers & Bro., Ashland, Ohio.
- MYERS wall ties—Mercer Mfg. Co., Mercer, Pa.
- MYERS ELCETRIC water supply systems—F. E. Myers & Bro., 800 Orange, Ashland, Ohio
- MYSTERIOUS dustless dust cloths—Gem Supply Co., Waterbury, Conn.
- MYSTIC glue—International Glue Co., 24 T. Wharf, Boston, Mass.
- MYSTIC spray nozzles—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.
- MYSTIC water filters—Jones Mfg. Co., 243 Franklin, Boston, Mass.
- MYSTIC ACME cutting & drilling compounds—Cata-ract Refining & Mfg. Co., Buffalo, N. Y.



- N. boiler ejectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York
- N-B flushing valves—Dececo Co., 157 High, Boston, Mass.
- N. B. C. copper ingots—Balbach Smelting & Refining Co., 580 Market, Newark, N. J.
- N. B. O. rubber hose & packing—Home Rubber Co., Trenton, N. J.
- N. D. CO. electric soldering irons—Apex Electric Mfg. Co., 1410 W. 59th, Chicago, Ill.
- N. F. O. lubricating oil gun—N. Y. & N. J. Lubricant Co., 165 Broadway, New York
- N. H. flushing valves—Exeter Brass Works, Exeter, N. H.
- N. I. R. rubber packing—National India Rubber Co., Bristol, R. I.
- N. M. C. cartridge primers—Remington Arms Union Metallic Cartridge Co., 233 Broadway, New York
- N. R. C. protective paint—National Roofing Co., Tonawanda, N. Y.
- N. T. C. regrinding valves—National Tube Co., Frick bldg., Pittsburgh, Pa.
- N. & CO. nut crackers & picks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
- N & M portable grain elevators—Nordyke & Marmon Co., 1290 Kentucky av, Indianapolis, Ind.
- N.-W. enclosed fuses—Columbia Machine Works & Malleable Iron Co., 269 Chestnut, Brooklyn, N. Y.
- N. W. lawn trimmers—Northwestern Stamping Co., Burlington, Ia.
- NACEFAS oily waste cans—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- NAGLE pocket knives—Nagle Re Blade Knife Co., Poughkeepsie, N. Y.
- NALVOLITE valve stem packing—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.
- NALWIRE pipe racks—National Mfg. Co., Worcester, Mass.
- NAMCO dies—National-Acme Mfg. Co., 7500 Stanton av, S. E. Cleveland, Ohio
- NAMELESS flour sieves—Parker Wire Goods Co., Worcester, Mass.
- NAMO collapsible tops—National Acme Mfg. Co., Cleveland, Ohio
- NAMOND air valves—Bogardus-Nelson Co., Marshalltown, Ia.
- NANTUCKET hammock—Brooks Tent & Awning Co., Denver, Colo.
- NANZ IMPERIAL watchman's clocks—Nanz Clock Co., 178 Fulton, New York
- NAPIER hack saw machines—Quality Saw & Tool Works, Springfield, Mass.
- NAPLES wall finish—Adams & Elting Co., 722 W. Washington, Chicago, Ill.
- NAPOLEON padlocks—Slaymaker Lock Co., Lancaster, Pa.
- NAPOLEON tank heaters—Heller-Aller Co., Napoleon, Ohio
- NAPPANEE kitchen cabinets—Coppes-Zook & Mutschler Co., Nappanee, Ind.
- NAPHTHOLINE nest eggs—White Tar Co., 4 Cliff, New York
- NAPHTHOL-PHENOLINE disinfectants—Corbin Disinfecting Co., Front & Walnut, Phila., Pa.
- NARCO bath tubs—McVay-Walker Co., Braddock, Pa.
- NARRAGANSETT rubber hose & packing—National India Rubber Co., Bristol, R. I.
- NASH gas engines, water meters—National Meter Co., 84 Chambers, New York
- NASH hardware specialties—Humason & Beekley Mfg. Co., New Britain, Conn.
- NASH hot pan lifters—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- NASH sand papering machines, saw & chuck machines—J. M. Nash, Milwaukee, Wis.
- NASH vacuum pumps—Nash Engineering Co., South Norwalk, Conn.
- NASHUA ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
- NASON steam specialties—Nason Mfg. Co., 71 Fulton, New York
- NASON CLASS B steam traps—Nason Mfg. Co., 71 Fulton, New York
- NASON CLASS C steam traps—Nason Mfg. Co., 71 Fulton, New York
- NASON SIDELUG steam traps—Nason Mfg. Co., 71 Fulton, New York
- NASON-VESUVIUS steam traps—Nason Mfg. Co., 71 Fulton, New York
- NASSAU hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- NASSAU western spelter—New Jersey Zinc Co., 55 Wall, New York
- NATCO drilling machines—National Automatic Tool Co., Richmond, Ind.
- NATCO silos—National Fireproofing Co., Fulton bldg., Pittsburgh, Pa.
- NATHAN automobile trunks—Nathan Novelty Mfg. Co., 88 Reade, New York
- NATHAN injectors, lubricators—Nathan Mfg. Co., 416 E. 106th, New York
- NATIONAL air compressors, vacuum pumps—National Steam Pump Co., Upper Sandusky, Ohio
- NATIONAL air valves—National Steam Specialty Co., 16 S. Clinton, Chicago, Ill.
- NATIONAL aqua & anhydrous ammonia—National Ammonia Co., 3600 N. Broadway, St. Louis, Mo.
- NATIONAL ash sifters—National Can Co., 38 Washington, Boston, Mass.
- NATIONAL asphalt heaters, barrows, lead melting furnaces, trucks—Phillips, Doup & Co., 60 Pearl, Brooklyn, N. Y.
- NATIONAL asphalted pipe, bedstead & bicycle tubing, boiler tubes, columns, cocks, casing, & iron staybolts, flange union pipe for bends; coils & posts, hydraulic pipe, pipe & tube mills, tuyere pipe, square & steel tubing, tubular steel poles, rolling mills—National Tube Co., Frick bldg., Pittsburgh, Pa.
- NATIONAL bankers' safety paper—Geo. La Monte & Son, 61 Broadway, New York
- NATIONAL barn door hangers—National Mfg. Co., Sterling, Ill.
- NATIONAL belting, belt dressing, clutch linings—National Leather Mfg. Co., Niles, Mich.
- NATIONAL boiler flue & tube cleaners—H. W. Johns-Manville Co., Mad. av & 41st, New York
- NATIONAL boiler injectors—Champion Hardware Co., Geneva, Ohio
- NATIONAL bottle washing & soaking machines, pasteurizing machines—Barry-Webmiller Machinery Co., 6501 Florissant av, St. Louis, Mo.
- NATIONAL brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
- NATIONAL button hole cutters—National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.
- NATIONAL car brakes, emergency & motorman's valves & pneumatic governors—National Brake & Electric Co., ft. Bellevue pl, Milwaukee, Wis.
- NATIONAL car couplers, car buffers—National Car Coupler Co., 332 S. Michigan, Chicago, Ill.
- NATIONAL carpet sweepers—National Sweeper Co., Torrington, Conn.
- NATIONAL carriage fasteners—National Lock Washer Co., 65 Johnson, Newark, N. J.
- NATIONAL cast iron pipe, cast iron culverts—American Casting Co., Birmingham, Ala.
- NATIONAL cattle guards—National Surface Guard Co., Rookery, Chicago, Ill.
- NATIONAL cement sewer pipe machinery—Quinn Wire & Iron Works, Boone Ia.
- NATIONAL clover bunchers—National Harrow Co., LeRoy, Ill.
- NATIONAL cold rolled steel, soft steel—Parkersburg Iron & Steel Co., Parkersburg, W. Va.
- NATIONAL concrete inserts—Trussed Concrete Steel Co., Trussed Concrete bldg., Detroit, Mich.
- NATIONAL counting machines—National Scale Co., 11 Hendricks, Chicopee Falls, Mass.
- NATIONAL cream separators—National Dairy Machine Co., Goshen, Ind.
- NATIONAL cream separators—National Enameling & Stamping Co., 411 5th av, New York
- NATIONAL door hangers—National Supply & Mfg. Co., 2362 Palm, St. Louis, Mo.
- NATIONAL drill chucks, lathe dogs—Oneida National Chuck Co., Oneida, N. Y.
- NATIONAL drills, reamers, milling cutters, counter-bors—National Twist Drill & Tool Co., Detroit, Mich.
- NATIONAL equalizing wedges—McCord & Co., 122 S. Michigan av, Chicago, Ill.
- NATIONAL feed cookers—Heller-Aller Co., Napoleon, Ohio
- NATIONAL feed water heaters, steam separators—National Pipe Bending Co., New Haven, Conn.
- NATIONAL flint paper, steel wool & shavings—R. J. Waddell & Co., 52 Beekman, New York
- NATIONAL foot grinders—A. A. Wood & Sons Co., Atlanta, Ga.
- NATIONAL garden cultivators, land & field rollers—Thornbaugh Mfg. Co., Bowling Green, Ohio
- NATIONAL garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
- NATIONAL gas stoves, heaters, radiators, wood ranges—American Stove Co., St Louis, Mo.
- NATIONAL gauges, test pumps, vacuum valves—National Steam Specialty Co., 14 S. Clinton, Chicago, Ill.
- NATIONAL guard rail clamps—Q. & C. Co., 90 West, New York



NATIONAL heaters—National Heater Co., Cleveland, Ohio  
 NATIONAL hot air furnaces—Bartlett Hayward Co., Baltimore, Md.  
 NATIONAL hot air registers—U. S. Register Co., Ltd., Battle Creek, Mich.  
 NATIONAL hot water heaters—National Bending Co., New Haven, Conn.  
 NATIONAL hot water regulators—National Regulator Co., 208 S. Jefferson, Chicago, Ill.  
 NATIONAL indoor baseball games—Thomas-Peter Co., Canton, Ohio  
 NATIONAL key-seating machines, milling machines—National Machine Tool Co., Cincinnati, Ohio  
 NATIONAL lamp guards—McGill Mfg. Co., Valparaiso, Ind.  
 NATIONAL lawn clothes dryers, lemon squeezers—Tri-Angle Mfg. Co., Freeport, Ill.  
 NATIONAL lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 NATIONAL lock lever faucets—National Brass Mfg. Co., Rochester, N. Y.  
 NATIONAL lock washers—Riverside Steel Spring Co., Riverside, N. J.  
 NATIONAL manila wrapping paper—Newton Paper Co., Holyoke, Mass.  
 NATIONAL maple flooring—A. L. Dennis Salt & Lumber Co., Grand Rapids, Mich.  
 NATIONAL marine clocks—National Gauge Co., 300 Pacific, Brooklyn, N. Y.  
 NATIONAL metal polish—Grady Mfg. Co., Ely av, Brooklyn, N. Y.  
 NATIONAL neck yokes—National Neck Yoke Co., Rock Island, Ill.  
 NATIONAL neck yokes, wagon spokes, wood single-trees—Lack Singletree Co., Paducah, Ky.  
 NATIONAL oat crushers—W. R. Bellows, 4 Hall pl, New York  
 NATIONAL oil extractors—National Separator & Machine Co., Concord, N. H.  
 NATIONAL oil soap, soap powders—Devillers Soap Co., 95 Cliff, New York  
 NATIONAL paints—National Paint & Varnish Co., Cleveland, Ohio  
 NATIONAL paper cutting machines—Highland Mach. Co., 58 Kemble, Boston, Mass.  
 NATIONAL pipe hangers—Thos. Devlin Mfg. Co., 3rd & Lehigh av, Phila., Pa.  
 NATIONAL pipe joint cements—Prier Brass Mfg. Co., Kansas City, Mo.  
 NATIONAL pneumatic water supply systems—National Steel Tank & Mfg. Co., Bradford, Ill.  
 NATIONAL porcelain insulators—National Insulator Co., Ford City, Pa.  
 NATIONAL portable grain elevators—Portable Elevator Mfg. Co., Bloomington, Ill.  
 NATIONAL postage stamp affixing machines—National Envelope Sealing & Stamping Co., Providence, R. I.  
 NATIONAL printing presses—National Machine Co., Hartford Conn.  
 NATIONAL razor strops—National Cutlery Co., Phila., Pa.  
 NATIONAL riveting machines—Cincinnati Pulley Machy. Co., Covington, Ky.  
 NATIONAL road machine & graders, dumping wagons—Good Roads Machinery Co., Fort Wayne, Ind.  
 NATIONAL roofing—National Roofing Material Co., Edwardsville, Ill.  
 NATIONAL rubber hose & packing—National India Rubber Co., Bristol, R. I.  
 NATIONAL rubber tires—National Rubber Co., Pottstown, Pa.  
 NATIONAL sewage disposal outfits—Henry A. Noble Co., 203 Dock, Phila., Pa.  
 NATIONAL shaking grates—Wm. H. Baker, Trenton, N. J.  
 NATIONAL shaking & dumping grates, ring oiling hangers—National Foundry Mfg. & Supply Co., Williamsport, Pa.  
 NATIONAL shears—National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.  
 NATIONAL smoke helmets—S. F. Hayward & Co., 250 W. 54th, New York  
 NATIONAL stamp steel fixture studs, outlet boxes & covers, locknuts & bushings, & solid switch boxes—National Metal Molding Co., 1110 Fulton bldg, Pittsburgh, Pa.  
 NATIONAL steam traps—National Blower Works, Milwaukee, Wis.  
 NATIONAL steel corner beads—Rogers-Shear Co., Warren, Pa.  
 NATIONAL steel tubing, hydraulic pipe, flanged unions—National Tube Co., Frick bldg., Pittsburgh, Pa.  
 NATIONAL steel wire mats—Barbe Wire & Iron Works, 170 N. Dearborn, Chicago, Ill.

NATIONAL stencil cutting machines—New York Stencil Works, 100 Nassau, New York  
 NATIONAL step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.  
 NATIONAL stock fountains—National Tubular Axle Co., Emigsville, Pa.  
 NATIONAL stoves & ranges—Excelsior Stove & Mfg. Co., Quincy, Ill.  
 NATIONAL sugar cane shredders—Newell Mfg. Co., 149 Broadway, New York  
 NATIONAL thermometers, tachometers, pyrometers, gauges, safety valves—National Gauge Co., 300 Pacific, Brooklyn, N. Y.  
 NATIONAL trap doors—General Railway Supply Co., 140 S. Dearborn, Chicago, Ill.  
 NATIONAL trolley bases—Trolley Supply Co., Canton, Ohio  
 NATIONAL unions—Thos. Devlin Mfg. Co., Phila., Pa.  
 NATIONAL ventilators—National Skylight & Ventilator Co., Rochester, N. Y.  
 NATIONAL water filters—Federal Filter Co., 1364 Grand av, Chicago, Ill.  
 NATIONAL water lifts—National Water Lift Co., Kalamazoo, Mich.  
 NATIONAL weather strips—National Metal Weather Strip Co., Pittsburgh, Pa.  
 NATIONAL weather vanes—National-Standard Co., Box 211, Niles, Mich.  
 NATIONAL wind shields—National Auto Top Co., 244 W. 49th, New York  
 NATIONAL wire link fabric—Mattatuck Mfg. Co., Waterbury, Conn.  
 NATIONAL wire stitching machines—Gitzendanner-Muller Co., 15 Vandewater, New York  
 NATIONAL wrenches—Frank Mossberg Co., Attleboro, Mass.  
 NATIONAL CHAMPION curtain stretchers—Holmquist & Swanson, 2536 S. Western av, Chicago, Ill.  
 NATIONAL CHAPMAN elevating trucks—National Scale Co., 11 Hendricks, Chicopee Falls, Mass.  
 NATIONAL PATTERN lock washers—Quadrige Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.  
 NATIONAL STANDARD car roofing, vestibule curtain catches—General Railway Supply Co., 140 S. Dearborn, Chicago, Ill.  
 NATIONAL STAR hot air furnaces—National Hot Air Furnace Co., Dayton, Ohio  
 NATIVE packing & rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 NATRONA bi-carbonate of soda—Pennsylvania Salt Mfg. Co., 115 Chestnut, Philadelphia, Pa.  
 NATURAL SPRING sanitary drinking fountains—March-Tenny Co., Muskegon Hghts., Mich.  
 NATURO water closets—Walls, Owen & Stambach Co., 1041 Ridge av, Phila., Pa.  
 NATWIRE bath room fixtures—National Mfg. Co., Worcester, Mass.  
 NATWIRE specialties—National Mfg. Co., Worcester, Mass.  
 NAUMKEG marine engines—Zina Goodell, Salem, Mass.  
 NAVAJO horse blankets—J. L. Hubbell, Ganado, Ariz.  
 NAVALITE enameled iron pipe conduits—Mark Mfg. Co., Evanston, Ill.  
 NAVALITE varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
 NAVY belting—Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.  
 NAVY boat anchors—Wilcox, Crittenden & Co., Middletown, Conn.  
 NAVY glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.  
 NAVY oil cups—American Lubricator Co., Detroit, Mich.  
 NAVY packing—General Asbestos Rubber Co., Charleston, S. C.  
 NAVY ratchet drills—Kilborn & Bishop Co., New Haven, Conn.  
 NAYLOR vortex steam separators—Hewes & Phillips Iron Works, 8 Orange, Newark, N. J.  
 NAZARETH cement—Nazareth Cement Co., Nazareth, Pa.  
 NAZEL pneumatic hammers—Nazel Engineering & Machine Works, 4049 N. 5th, Phila., Pa.  
 NEBO caboose stoves—Gray & Dudley Hardware Co., Nashville, Tenn.  
 NEBRASKA iron & steel roofing—St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.  
 NECCO low water alarms—Erie Pump & Equipment Co., Erie, Pa.  
 NECO ground connection clamps—Novelty Electric Co., 50 N. 4th, Phila., Pa.



- NEEKER automatic elevator doors—Hanke Iron & Wire Works, Albany, Grand & Chicago avs, Chicago, Ill.
- NEEVEL adjustable screw clamps—Neevel Mfg. Co., Kansas City, Mo.
- NEGLEY drag line excavators—Indianapolis Cable Excavator Co., Indianapolis, Ind.
- NEGRITE roofing paints—Armstrong Paint & Varnish Works, 2502 S. Paulina, Chicago, Ill.
- NEIDER tufting buttons—F. A. Neider Co., Augusta, Ky.
- NELGARD air valves—Bogardus-Nelson Co., Marshalltown, Ia.
- NELLIS grapple forks—Milwaukee Hay Tool Co., Milwaukee, Wis.
- NELLIS grapple forks—J. E. Porter Co., Ottawa, Ill.
- NELLIS grapple forks—G. A. Swineford Co., Canton, Ohio
- NELLIS grapple forks—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
- NELLIS harpoon forks—F. E. Myers & Bro., Ashland, Ohio
- NELSON blowers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.
- NELSON feed water filters, oil extractors—John Acton, 118 John, Brooklyn, N. Y.
- NELSON loose pulleys—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.
- NELSON metal polish—Jewel Mfg. Co., 2100 Marshall blvd, Chicago, Ill.
- NELSON sanitary drinking fountains—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
- NELSON tractors—Nelson Farm Machine Co., 426 Wash. av N., Minneapolis, Minn.
- NEMO car couplers—McConway & Torley Co., Pittsburgh, Pa.
- NE PLUS ULTRA veneered doors—American Compound Door Co., Chicago, Ill.
- NE PLUS ULTRA padlocks—Slaymaker Lock Co., Lancaster, Pa.
- NEPONSET roofing, deadening felts, insulating paper, saturated asphalt shingles, fibre shipping cases—Bird & Son, East Walpole, Mass.
- NEPTO rubber gloves—Star Rubber Co., Akron, Ohio
- NEPTUNE belting & belt cements—Graton & Knight Mfg. Co., Worcester, Mass.
- NEPTUNE engine lubricators—Wm. Powell Co., Cincinnati, Ohio
- NEPTUNE fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.
- NEPTUNE insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- NEPTUNE pneumatic water supply systems—Fleck Bros. Co., Phila., Pa.
- NEPTUNE ATLANTIC rubber-covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- NERO door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- NERVEZE rubber heels—Plymouth Rubber Co., Canton, Mass.
- NESBIT hot air furnaces—Standard Furnace & Supply Co., 411 So. 10th, Omaha, Neb.
- NESCO ash sifters, fry pans, roasters & baking pans, poultry fountains, steel shipping barrels—National Enameling & Stamping Co., 411 5th av, New York
- NESTO belting—American Fabric Belting Co., Cleveland, Ohio
- NESTOR engine lubricators—Wm. Powell Co., Cincinnati, Ohio
- NETHERLAND pipe hangers—John Simmons Co., 110 Centre, New York
- NETMESH expanded lathes—Milwaukee Corrugating Co., Milwaukee, Wis.
- NETTLETON end cutting nippers—Starr-Nettleton Mfg. Co., East Hampton, Conn.
- NEUACHAT gasoline soldering iron—Globe Gas Light Co., 25 Union, Boston, Mass.
- NEU'S post hole diggers—V. L. Ney Co., Canton, Ohio
- NEV low water alarms—W. T. Ostrander & Co., 22 Dey, New York
- NEV-A-BURN stove polish—Chase, Roberts & Co., West av. Long Island City, N. Y.
- NEVASLIP veneer panels & car roofing—Keyes Products Co., 120 B'way, New York
- NEVER-BEND wash boilers—H. Behrens Mfg. Co., Winona, Minn.
- NEVERBREAK cabinet makers' iron clamps—Tatum, Samuel C. & Co., Cincinnati, Ohio
- NEVER BREAK calking tools, bricklayers' chisels, plumbers' tools—S. & I. Co., Springfield, Mass.
- NEVER-BREAK furnace casing rings—Walworth Run Foundry Co., Cleveland, Ohio
- NEVER BREAK lamp guards—Hamblin & Russell Mfg. Co., Worcester, Mass.
- NEVER-BREAK lamp guards—Frank W. Morse, 293 Congress, Boston, Mass.
- NEVER BREAK pike poles, rising forks—Columbus Handle & Tool Co., Columbus, Ind.
- NEVER-BREAK plumbers' wood work—Shwab Bros. Co., 811 E. 9th, New York
- NEVER BREAK roof snow guards—F. N. Peters & Bro., Newside, Pa.
- NEVER BREAK sash locks—Champion Hardware Co., Geneva, Ohio
- NEVERBREAK saw vises—Clipper Tool Co., 284 Mills, Buffalo, N. Y.
- NEVERBREAK steel clamps—S. C. Tatum Co., Cincinnati, Ohio
- NEVERBREAK tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
- NEVER burn enamels—Northwestern Chemical Co., Marietta, Ohio
- NEVER CREEP fence anchors—Chance Mfg. Co., Centralia, Mo.
- NEVER DRIP mortar hods—Cleveland Wire Spring Co., Cleveland, Ohio
- NEVER DRIP wax tapers—Columbia Wax Works, 749 E. 137th, New York
- NEVER-FAIL animal pokes—Hughes & Smythe, Galena, Ohio
- NEVERFAIL corn shellers—Root-Heath Mfg. Co., Plymouth, Ohio
- NEVER FAIL lubricators—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
- NEVER FAIL oil cans, automobile tanks—J. A. Harps Mfg. Co., Greenfield, Ohio
- NEVER FAIL razor stroppers—Clauss Shear Co., Fremont, Ohio
- NEVER-FAIL razor stroppers—Pullman Mfg. Co., Rochester, N. Y.
- NEVERFALL boiler oil feeders—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
- NEVER-GUM pneumatic tool lubricants—Cleveland Pneumatic Tool Co., 6410 Hawthorne av, Cleveland, Ohio
- NEVER LEAK oil cans—Delphos Mfg. Co., Delphos, Ohio
- NEVER LEAK range boilers—Fleck Bros. Co., 44 N. 5th, Phila., Pa.
- NEVERLEAK tire fluid—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
- NEVER-MISS spark plugs—Lockwood Ash Motor Co., Jackson, Mich.
- NEVEROUT bicycle lamps, carriage lamps—Rose Mfg. Co., 910 Arch, Phila., Pa.
- NEVER-RUB bow separators—Springfield Auto Top & Upholstering Co., Springfield, Mass.
- NEVER RUST for compound tools—Bancroft & Co., Harrison bldg., Phila., Pa.
- NEVERSAG foundry riddles—C. O. Jelliff Mfg. Co., Southport, Conn.
- NEVERSINK boat cushions—Chicago Flag & Decorating Co., 1345 S. Wabash av, Chicago, Ill.
- NEVER-SINK mooring buoys—Jordan Bros., Norfolk, Va.
- NEVER-SLIP basin clamps—Wolverine Brass Works, Grand Rapids, Mich.
- NEVERSLIP belt dressing—White & Bagley Co., Worcester, Mass.
- NEVER-SLIP can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
- NEVER-SLIP car movers—Hilts Wrench & Mfg. Co., Richford, N. Y.
- NEVER SLIP car movers—Oshkosh Mfg. Co., Oshkosh, Wis.
- NEVER SLIP drill chucks—Champion Blower & Forge Co., Lancaster, Pa.
- NEVERSLIP horse shoes, steel toe-calks—Neverslip Mfg. Co., New Brunswick, N. J.
- NEVERSLIP hose clamps—Cleveland Pneumatic Tool Co., Cleveland, Ohio
- NEVER SLIP hose couplings—H. F. Neumayer & Son, Macungie, Pa.
- NEVERSLIP ice creepers—Judson L. Thomson Mfg. Co., Roberts Station, Waltham, Mass.
- NEVERSLIP lock washers—National Umbrella Frame Co., Philadelphia, Pa.
- NEVER-SLIP nail hammers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- NEVER SLIP nail pullers—Belden Machine Co., New Haven, Conn.
- NEVERSLIP nail pullers—Cronk & Carter Mfg. Co., Elmira, N. Y.
- NEVER-SLIP paper cop tubes—American Textile Specialty Machinery Co., 670 Eddy, Providence, R. I.
- NEVERSLIP pot covers—Chapman Co., Geneva, N. Y.
- NEVERSLIP rod tongs—M. A. Love Mfg. Co., Rockford, Ill.



NEVER SLIP stove lid lifters—Adell Mfg. Co., Orange, Mass.

NEVERSLIP switch plates—Pennsylvania Steel Co., 1421 Chestnut, Phila., Pa.

NEVERSLIP tack hammers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

NEVERSLIP tractors—Commonwealth Tractor Co., Kansas City, Mo.

NEVERSLIP wire stretchers—Warren Specialty Mfg. Co., Racine, Wis.

NEVER-SMEAR stamp pads, rubber stamp inks—C. C. Hager Co., 1234 Penn., Pittsburgh, Pa.

NEVER-SPLIT closet seats—Never-Split Seat Co., Evansville, Ind.

NEVER-STRETCH measuring tapes—W. G. Browne Mfg. Co., Kingston, N. Y.

NEVER TIP wire strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.

NEVER TURN linemen's climbers, wire connectors—Smith & Hemenway Co., 76 Chambers, New York

NEVER-TURN track bolts—Bethlehem Steel Co., So. Bethlehem, Pa.

NEVER TWIST screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.

NEVERUST exhaust heads—Franklin Williams, 39 Cortlandt, New York

NEVERUST rust preventatives—American Rust Proof Co., 30 Church, New York

NEVERWEAR steel restaurant tables, revolving top stools—Buffalo Metal & Furniture Mfg. Co., Buffalo, N. Y.

NEW ACME hay carriers—Whitman & Barnes Mfg. Co., Akron, Ohio

NEWAGARD switch boxes, panel board cabinets, stage & receptacle plugs—Henry Newgard & Co., 953 Washington blvd., Chicago, Ill.

NEWAGO cement mfrs.—Newaygo Portland Cement Co., Grand Rapids, Mich.

NEW AMERICAN law mowers—F. & N. Lawn Mower Co., Richmond, Ind.

NEWARK dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.

NEWARK fire boat nozzles & turret fire hose—A. W. Wheaton Brass Works, 157 N. J. R. R. av, Newark, N. J.

NEWARK gauge glass cutters—Newark Brush & Scraper Co., 266 Fabyan pl, Newark, N. J.

NEWARK water pots—Central Stamping Co., 172 Fulton, New York

NEWAYGO stone separators—Sturtevant Mill Co., Dorchester, Boston, Mass.

NEW BANNER anvil, vise & drill—Bloomfield Mfg. Co., Bloomfield, Ind.

NEW BINDING automobile lamp lenses—H. W. Johns-Manville Co., Madison av & 41st, New York

NEW BOSS garden cultivators—Buffum Tool Co., South Side, Louisiana, Mo.

NEW BRITAIN drill chucks—Union Mfg. Co., New Britain, Conn.

NEW BRITAIN steel factory equipment, saw clamps & vises, screw projecting & polishing machines, turret lathes, bench legs, shop pans, steel shelving, sheet steel boxes, stanchions & scraping tables—New Britain Machine Co., 190 Chestnut, New Britain, Conn.

NEW BROOKE thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.

NEW BUCKEYE portable saw mills—Enterprise Co., Columbiana, Ohio

NEWBURGH lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.

NEW CENTURY carbon black—L. Martin Co., 31 Fulton, New York

NEW CENTURY corn binders, grain harvesters—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

NEW CENTURY fruit & vegetable parers—Goodell Co., Antrim, N. H.

NEW CENTURY gas & oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.

NEW CENTURY grain separators—Aultman & Taylor Machinery Co., Mansfield, Ohio

NEW CENTURY lemon squeezers—Tri-Angle Mfg. Co., Freeport, Ill.

NEW CENTURY metallic shingles & roofing tile—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.

NEW CENTURY nut crackers & picks—Tri-angle Mfg. Co., Freeport, Ill.

NEW CENTURY pumps—F. E. Myers & Bro., Ashland, Ohio

NEW CENTURY screw drivers—Braunsdorf-Mueller Co., Elizabeth, N. J.

NEW CHICAGO ice cream freezers—Horizontal Freezer Co., 18 W. Kinzie, Chicago, Ill.

NEWCODE waterproof sockets—Stanley & Patterson, 23 Murray, New York

NEW COLUMBIA steam & hot water heaters—South Park Fdy. & Mach. Co., 322 Jackson, St. Paul, Minn.

NEWCOMB carbureters—Holtzer-Cabot Electric Co., Brookline, Mass.

NEW DANDY shoveling & end gate boards—Kingman Plow Co., Peoria, Ill.

NEW DEPARTURE battery motors—Lionel Mfg. Co., 48 E. 21st, New York

NEW DEPARTURE disc. cultivators—Pattee Plow Co., Monmouth, Ill.

NEW DEPARTURE lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.

NEW DEPARTURE mop sticks & holders—H. E. Hagglund, 410 W. Elm, Chicago, Ill.

NEW DEPARTURE stamp pads—B. C. Volger Mfg. Co., Passaic, N. J.

NEW DEPARTURE steel balls, ball bearings, bells & gongs, car journals, coaster brakes, shaft hangers, cyclometers, bicycles—New Departure Mfg. Co., Bristol, Conn.

NEW DIAMOND molders' flasks—Oscar Barnett Foundry Co., Irvington, N. J.

NEW DIAMOND sink strainers—Roseland Can & Specialty Co., Rockford, Ill.

NEW DOVER egg & cream beaters—Dover Stamping & Mfg. Co., Cambridge, Mass.

NEW DUKE riding listers—Peru Plow & Wheel Co., Peru, Ill.

NEW EASY bolt clippers—H. K. Porter, 6 Ashland, Everett, Mass.

NEW EASY sled cultivators—Ohio Cultivator Co., Bellevue, Ohio

NEW EBBERT farm wagons—Pekin Wagon Co., Pekin, Ill.

NEW ECLIPSE lawn mowers—American Lawn Mower Co., Muncie, Ind.

NEW ECLIPSE sulky plows—Madison Plow Co., Madison, Wis.

NEWELLO magic slates—Richmond Bros. Co., 177 Chestnut, Newark, N. J.

NEW ELMORE drill machines—Standard Mfg. Co., Bridgeport, Conn.

NEW ENGLAND kitchen enameled ware—New England Enameling Co., Middletown, Conn.

NEW ENGLAND lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.

NEW ENGLAND lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.

NEW ENGLAND lawn swings—C. W. H. Moulton Co., Somerville, Mass.

NEW ENTERPRISE stoves—Pittston Stove Co., Pittston, Pa.

NEW ERA babbitt metal, boiler compounds, metallic engine packing—New Era Mfg. Co., Kalamazoo, Mich.

NEW ERA clothes washing machines—Glascock Bros. Mfg. Co., Muncie, Ind.

NEW ERA cultivators—Kingman Plow Co., Peoria, Ill.

NEW ERA dough mixing & kneading machinery—American Oven & Machine Co., 111 W. Washington, Chicago, Ill.

NEW ERA gas engines—Portsmouth Engine Co., Portsmouth, Ohio

NEW ERA grain drills—Dempster Mill Mfg. Co., Beatrice, Neb.

NEW ERA metal hot water bottles—Metal Specialties Co., Attleboro, Mass.

NEW ERA neck yokes—Reno Mfg. Co., Erie, Pa.

NEW ERA pasteurizing machines—Loew Mfg. Co., Cleveland, Ohio

NEW ERA plow mfrs.—C. Billups' Son & Co., Norfolk, Va.

NEW ERA postage stamp affixing machines—New Era Mfg. Co., 450 5th av, New York

NEW ERA pressure regulators—Locke Regulator Co., Salem, Mass.

NEW ERA printing machinery—Regina Co., 47 W. 34th, New York

NEW ERA shovel plows—Gale Mfg. Co., Albion, Mich.

NEW ERA tank heaters—Butler Mfg. Co., Kansas City, Mo.

NEW ERA waffle irons—Indiana Hollow Ware Co., Jeffersonville, Ind.

NEW ERA wagon loaders—Austin Mfg. Co., 910 S. Michigan av, Chicago, Ill.

NEW ERA water coolers—Buffalo Mfg. Co., Buffalo, N. Y.

NEWEST electric illuminated signs—Electro-Ad Co., Detroit, Mich.

NEW-EST electric illuminated signs—Phelps Mfg. Co., Detroit, Mich.

NEW EUREKA molders' flasks—Smith & Caffrey Co., Syracuse, N. Y.

NEW EXCELSIOR horse lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.



NEW FREMONT cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio  
 NEW GIANT barn door hangers—Lawrence Bros., Sterling, Ill.  
 NEW GLOBE rubber horse shoe pads—Revere Rubber Co., 60 High, Boston, Mass.  
 NEW GREAT WESTERN threshers—Harrison Machine Works, Belleville, Ill.  
 NEWHALL multiple effects evaporators—Geo. M. Newhall Engineering Co., 1491 Chestnut, Phila., Pa.  
 NEW HAVEN brick press machines—Eastern Machinery Co., New Haven, Conn.  
 NEW HAVEN EDGE TOOL CO. box scrapers—Sargent & Co., New Haven, Conn.  
 NEW HAVEN novelty bit braces—W. A. Ives Mfg. Co., Wallingford, Conn.  
 NEW HAVEN trolley wheels & trolley wheel bushings—H. B. Ives Co., New Haven, Conn.  
 NEW HERO fodder cutters—Appleton Mfg. Co., Batavia, Ill.  
 NEW HIST potato diggers—Hist Potato Machinery Co., Alliance, Ohio  
 NEW HOLLAND corn & cob mills—New Holland Machine Co., New Holland, Pa.  
 NEW HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.  
 NEWHOUSE animal traps—Oneida Community (Ltd.), Oneida, N. Y.  
 NEW HUBER steam road rollers, self-feeders & band cutters, traction engines—Huber Mfg. Co., Marion, Ohio  
 NEW I-D folding seats—Fernald Mfg. Co., North East, Pa.  
 NEW IDEA apple corers—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 NEW IDEA bed & furniture casters—Faultless Caster Co., Evansville, Ind.  
 NEW IDEA garden cultivators, manure spreaders, spring tooth harrows—New Idea Spreader Co., Coldwater, Ohio  
 NEW IDEA gas ranges—A. B. Stove Co., Battle Creek, Mich.  
 NEW IDEA hog rings—Decker Mfg. Co., Keokuk, Ia.  
 NEW IDEA paper folding machines—Cleveland Folding Machine Co., Cleveland, Ohio  
 NEW IDEA soldering flux—Wm. J. Hartwig Co., Detroit, Mich.  
 NEW IDEA wagon jacks—Samuel S. Joy, Rockingham, N. H.  
 NEW IDEAL floor hinges—Stover Mfg. Co., Freeport, Ill.  
 NEW IDEAL woven wire fences—Enterprise Iron Works, Indianapolis, Ind.  
 NEW INGERSOLL coal cutting machines—Ingersoll-Rand Co., 11 Broadway, New York  
 NEW JAP door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 NEW JERSEY metal polish—N. J. Paint Works, Jersey City, N. J.  
 NEW JERSEY wire cloth—New Jersey Wire Cloth Co., Trenton, N. J.  
 NEW JUDSON steam engine governors—Vicksburg Governor Co., Vicksburg, Mich.  
 NEW LAWN mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.  
 NEW LAWN sprinklers & hose nozzles—H. F. Neumeyer & Sons, Macungie, Pa.  
 NEW LION harrows—Ohio Rake Co., Dayton, Ohio  
 NEW LITTLE GIANT trip hammers—Mayer Bros. Co., Mankato, Minn.  
 NEW LUSTRO furniture polish—Continental Mfg. Co., Indianapolis, Ind.  
 NEW MAGIC lawn mowers—Dille & McGuire Co., Richmond, Ind.  
 NEWMAN emery planers—Tanite Co., Stroudsburg, Pa.  
 NEWMAN foot valves—Newman Mfg. Co., 79 Barclay, New York  
 NEWMARKET cultivators, spring tooth harrows—South Bend Chilled Plow Co., South Bend, Ind.  
 NEW MARKET gas burners—American Lava Co., Chattanooga, Tenn.  
 NEW MARSEILLES cylinder shellers—Marseilles Co., E. Moline, Ill.  
 NEW MILLER clothes washing machines—N. C. Baughman, York, Pa.  
 NEW MITE push buttons—Edwards & Co., 140th & Exterior, New York  
 NEW MODEL alfalfa cutters—E. C. Stearns & Co., Syracuse, N. Y.  
 NEW MODEL clover cutters—Silver Mfg. Co., Salem, Ohio  
 NEW MODEL lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.  
 NEW MODEL sickle grinders—R. Herschel Mfg. Co., Peoria, Ill.

NEW MODEL straight ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.  
 NEW MODERN feed carriers, stock fountains, farm gates—Glor Bros. & Willis Mfg. Co., Attica, N. Y.  
 NEW MODERN trip hammers—Modern Sales Co., Hampton, Ia.  
 NEW MORRISON riding listers—Fort Madison Plow Co., Fort Madison, Ia.  
 NEW MYSTIC cultivators—Avery Co., Peoria, Ill.  
 NEW MYSTIC lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.  
 NEW NATIONAL steam & hot water heaters—National Mfg. Co., Toledo, Ohio  
 NEW 1903 METROPOLITAN garden barrows—McWhinnie, Thos., Poughkeepsie, N. Y.  
 NEW NO. 8 feed cutters—Thornburg Mfg. Co., Bowling Green, Ohio  
 NEW OHIO cultivators—Ohio Cultivator Co., Belleville, Ohio  
 NEW OHIO fodder shredders—Silver Mfg. Co., Salem, Ohio  
 NEW ORLEANS pattern hooks—Sargent & Co., New Haven, Conn.  
 NEW OWATONNA churns—Owatonna Fanning Mill Co., Owatonna, Minn.  
 NEW PAN AMERICAN clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 NEW PEERLESS eave-trough hangers—Abbott Mfg. Co., Cleveland, Ohio  
 NEW PEERLESS grain separators—Emerson-Brantingham Co., Rockford, Ill.  
 NEW PEERLESS lawn mowers—American Lawn Mower Co., Muncie, Ind.  
 NEW PEERLESS self-fluxing solder—Chicago Solder Co., 216 N. Union av. Chicago, Ill.  
 NEW PEORIA coal drills—Wantling Favorite Coal Drill Co., Peoria, Ill.  
 NEW PERFECTION oil cook stoves, ovens, & cabinets—Cleveland Metal Products Co., Ivanhoe rd & N. Y. C. R. R., Cleveland, Ohio  
 NEWPORT oils, rosin & turpentine—General Naval Stores Co., 90 West, New York  
 NEWPORT stop & waste cocks—Hamlin & Emery Brass Co., 49 Island, Boston Mass.  
 NEW PRECISE transits—Ledder & Probst, 56 Franklin, Boston, Mass.  
 NEW PRIME cultivators—Racine-Sattley Co., Springfield, Ill.  
 NEW PRIZE stoves—Grinberg Bros., 154 South, New York  
 NEW PRIZE sweep horse powers—Appleton Mfg. Co., Batavia, Ill.  
 NEW PROCESS air hammer rivet sets—Geo. F. Marchant Co., 1420 S. Rockwell, Chicago, Ill.  
 NEW PROCESS gas stoves, parlor gas grates, oil stoves & heaters—American Stove Co., St. Louis, Mo.  
 NEW PROCESS grain separators—Fosston Mfg. Co., St. Paul, Minn.  
 NEW PROCESS hot water heaters—Mount-Squires Co., 1246 N. 4th, Cleveland, Ohio  
 NEW QUAIL riding cultivators—Ohio Rake Co., Dayton, Ohio  
 NEW QUAKER lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.  
 NEW RACINE threshers—Belle City Mfg. Co., Racine, Wis.  
 NEW RAPID ice breakers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.  
 NEW RAPID nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 NEW RELIABLE automatic for circular saws—Rotary File & Machine Co., 200 Diamond, Brooklyn, N. Y.  
 NEW ROBINSON wire fence machines—Eureka Fence Mfg. Co., Richmond, Ind.  
 NEW ROGERS scroll saws—Millers Falls Co., 28 Warren, New York  
 NEW ROVER lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.  
 NEW ROYAL poultry coops—Defiance Box Co., Defiance, Ohio  
 NEW ROYAL stoves—Grinberg Bros., 154 South, New York  
 NEW SAMSON automobile jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.  
 NEW SANITARY hot air registers—Wm. Highton & Sons Co., Nashua, N. H.  
 NEW SMITH farm wagons—Pekin Wagon Co., Pekin, Ill.  
 NEW SOUTH farm wagons—Auburn Wagon Co., Martinsburg, W. Va.  
 NEW SOUTH BEND plows—South Bend Chilled Plow Co., South Bend, Ind.  
 NEW SPRAGUE can openers—N. R. Streeter & Co., Rochester, N. Y.  
 NEW STANDARD chain wrenches—Brock Wrench Mfg. Co., 38 Vesey, New York



NEW STANDARD horse nails—Standard Horse Nail Co., New Brighton, Pa.  
 NEW STANDARD meat & food choppers—New Standard Hardware Works, Mt. Joy, Pa.  
 NEW STANDARD ore concentrators—Llewellyn Iron Works, Los Angeles, Cal.  
 NEW STATE concrete mixers—Demorest Mfg. Co., Enid, Okla.  
 NEW STOUTON farm wagons, harrow attachments—Stoughton Wagon Co., Stoughton, Wis.  
 NEW SUPERIOR fanning mills—J. L. Owens Co., Minneapolis, Minn.  
 NEW SUPERIOR gas engines, propeller wheels—Lake Shoe Engine Works, Marquette, Mich.  
 NEWTON cupola furnaces—Northern Engineering Works, 9 Chene, Detroit, Mich.  
 NEW TEXAS cultivators—J. I. Case Plow Co., Racine, Wis.  
 NEWTON car replacers—Hobart Allfree Co., 37 W. Van Buren, Chicago, Ill.  
 NEWTON drag road scrapers—Skow Mfg. Co., Newton, Ia.  
 NEWTON dumping wagons, farm trucks, wagon gears—Emerson-Brantingham Co., Rockford, Ill.  
 NEWTON grain graders—One Minute Mfg. Co., Newton, Ia.  
 NEWTON steam separators, steam traps—Providence Steam Trap Co., 16 Diamond, Providence, R. I.  
 NEWTON & McGEE cattle dehorners—Leavitt Mfg. Co., Urbana, Ill.  
 NEWTONE automobile horns—Automobile Supply Mfg. Co., 220 Taaffe pl, Brooklyn, N. Y.  
 NEWTON'S railway crossing signals—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 NEW TORNADO disc harrows—B. F. Avery & Sons, Louisville, Ky.  
 NEWTYPE gate valves—Kennedy Valve Mfg. Co., ft of Adams, Troy, N. Y.  
 NEW UNIVERSAL garden cultivators—Ames Plow Co., 100 Summer, Boston, Mass.  
 NEW UNIVERSAL plow coulters—Moline Plow Co., Moline, Ill.  
 NEW VICTOR shoveling & end gate boards—Kingman Plow Co., Peoria, Ill.  
 NEW WAY alcohol engines—New Way Motor Co., Lansing, Mich.  
 NEW WAY corn planters, sulky plows—Racine-Sattley Co., Springfield, Ill.  
 NEW WAY crystal clothing wardrobes—Grand Rapids Shoe Case Co., Grand Rapids, Mich.  
 NEW WAY door hangers, girder tracks, barn door rails—F. E. Myers & Bro., 800 Orange, Ashland, Ohio  
 NEW WAY road culverts—Beatrice Steel Tank Mfg. Co., Beatrice, Neb.  
 NEW WEST carriage top dressing—L. M. West's Sons, Rockford, Ill.  
 NEW WESTERN shoveling boards—True Mfg. Co., Eaton Rapids, Mich.  
 NEW WESTERN shoveling & end gate boards—W. B. Sturges & Sons, Shelbyville, Ill.  
 NEW WINDSOR steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 NEW WOODBURY ore concentrators—Geo. E. Woodbury, 238 Townsend, San Francisco, Cal.  
 NEW WRIGHT gas sad irons—Wright Gas Iron & Novelty Co., Phila., Pa.  
 NEW WRINKLE incandescent lamp sockets—Bryant Electric Co., Bridgeport, Conn.  
 NEW YANKEE grinders—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.  
 NEW YORK automatic bottle corking machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.  
 NEW YORK boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.  
 NEW YORK feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 N. Y. grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.  
 NEW YORK grass hooks—Knickerbocker Mfg. Co., Belleville, N. J.  
 NEW YORK ground connection clamps—Yonkers Specialty Co., Yonkers, N. Y.  
 NEW YORK roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.  
 NEW YORK safety dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.  
 NEW YORK slat irons—C. Cowles & Co., New Haven, Conn.  
 NEW YORK step ladders—W. W. Babcock Co., Bath, N. Y.  
 NEW YORK CHAMPION grain drills—Champion Drill Co., Avon, N. Y.  
 NEW YORK CHAMPION sulky hay rakes—Bateman Mfg. Co., Grenloch, N. J.  
 NEY post hole diggers, grapple forks, hay carriers, wire stretchers—Ney Mfg. Co., Canton, Ohio

NIAGARA automatic fire sprinklers—Automatic Sprinkler Co. of America, 127 William, New York  
 NIAGARA belting, hose—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 NIAGARA blast furnaces—Tonawanda Iron & Steel Co., North Tonawanda, New York  
 NIAGARA blind hinges & self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.  
 NIAGARA boiler injectors—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.  
 NIAGARA boys' axes—American Axe & Tool Co., Glassport, Pa.  
 NIAGARA carpet beaters—Hutchins-Kilbourne Co., Buffalo, N. Y.  
 NIAGARA clothes lines—Estes Mills, Fall River, Mass.  
 NIAGARA conoidal fans—Buffalo Forge Co., Buffalo, N. Y.  
 NIAGARA cooling coils—American District Steam Co., N. Tonawanda, N. Y.  
 NIAGARA currycombs, swivels & vestpokitrenchiz, bicycle wrenches—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 NIAGARA fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.  
 NIAGARA gas engines—Niagara Motor & Mfg. Co., Dunkirk, New York  
 NIAGARA grinders—Carborundum Co., Niagara Falls, N. Y.  
 NIAGARA hot air furnaces—Forest City Foundry & Mfg. Co., Cleveland, Ohio  
 NIAGARA kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 NIAGARA ladders—Bacon & Co., Appleton, N. Y.  
 NIAGARA lawn sprinklers—Novelty Mfg. Co., Waterbury, Conn.  
 NIAGARA magnetic separators, mechanical dust collectors, bran dusters, flour mill aspirators, wheat scourers—Richmond Mfg. Co., Lockport, N. Y.  
 NIAGARA meters—Buffalo Meter Co., 2921 Main, Buffalo, N. Y.  
 NIAGARA oil & grease cups—Sherwood Mfg. Co., Buffalo, N. Y.  
 NIAGARA paper clips—Niagara Clip Co., 155 Waverly pl, New York  
 NIAGARA parting compounds—Keystone Foundry Supply Co., Buffalo, N. Y.  
 NIAGARA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York  
 NIAGARA refrigerators—Niagara Refrigerator Works, 22 Randall, Buffalo, N. Y.  
 NIAGARA saltpetre—Battelle & Renwick, 80 Maiden la, New York  
 NIAGARA scooter toys, games & novelties—Buffalo Sled Co., North Tonawanda, N. Y.  
 NIAGARA shaking grates—Bobbie Foundry & Machine Co., Niagara Falls, N. Y.  
 NIAGARA sheet metal workers' machines & tools—Niagara Machine & Tool Works, 10 E. Worcester, Worcester, Mass.  
 NIAGARA vacuum pumps—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.  
 NIAGARA wall plaster—Niagara Gypsum Co., Buffalo, N. Y.  
 NIAGARA water heaters—Hammond-Homberger Co., Silver Creek, N. Y.  
 NIAGARA water motors—Winfield H. Smith, Buffalo, N. Y.  
 NIAGARA waterproof belting mfrs.—Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.  
 NIAGARA DEVICES pneumatic painting machines—Niagara Devices, 128 Dearborn, Buffalo, N. Y.  
 NIAGRITE cable tape—H. W. Johns-Manville Co., Madison av & 41st, New York  
 NIEROC paper kraft, paper bond, paper fibre—Berlin Mills Co., 404 Commercial, Portland, Me.  
 NICE varnish & wood fillers—Eugene E. Nice, 272 S. 2nd, Phila., Pa.  
 NICHOLLS floor scrapers, marking gauges, take-down squares—Nicholls Mfg. Co., Ottumwa, Ia.  
 NICHOLS tap wrenches—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.  
 NICHOLS-LINTERN sand boxes—Holland Trolley Supply Co., 1623 E. 43rd, Cleveland, Ohio  
 NICHOLSON arcing rings—Locke Insulator Mfg. Co., Victor, N. Y.  
 NICHOLSON files & rasps—Nicholson File Co., Providence, R. I.  
 NICHOLSON speed indicating meters—Nicholson Ship Log Co., Cleveland, Ohio  
 NICHOLSON surgical & dental instruments—Precision Thermometer & Instrument Co., 1434 Brandywine, Phila., Pa.  
 NICHOLSON tube expanders—W. H. Nicholson & Co., Wilkes-Barre, Pa.  
 NICHOLS-SHEPARD straw burning traction engines—Nichols & Shepard Co., Battle Creek, Mich.



NICHROME resistance wire, dipping baskets & wire cloth—Driver-Harris Co., Harrison, N. J.  
 NICHROME II resistance wire—Driver-Harris Co., Harrison, N. J.  
 NICKEL plated alcohol sad irons—G. M. Thurnauer Co., 83 Worth, New York  
 NICKEL MINT peanut roasters—Bartholomew Co., Peoria, Ill.  
 NICKERSON porch columns—Nickerson Mfg. Co., Knoxville, Tenn.  
 NICK-I-WORKS-CO. locomotive—McKinnon Iron Works Co., Ashtabula, Ohio  
 NICO paint—National Insulator Co., 39 Sudbury, Boston, Mass.  
 NICO steam & hot water heaters—Novelty Iron Co., Canton, Ohio  
 NICKOLAS lacquer—G. J. Nikolas & Co., 1227 E. Van Buren, Chicago, Ill.  
 NICOLENE metal novelties & specialties, inkstands & wells—National Sheet Metal Works, Peru, Ill.  
 NICOL'S fish tongs, twine boxes—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 NIELSON fifth wheels—Donigan & Nielson, 743 3rd, Brooklyn, N. Y.  
 NIFTY can openers—Taylor Mfg. Co., Hartford, Conn.  
 NIGHT COMMANDER acetylene gas machines—U. S. Standard Co., Voorheesville, N. Y.  
 NIGRUM bushings—Bound Brook Oil-less Bearing Co., Bound Brook, N. J.  
 NIGRUM journal bearings, pulley bushings, air brake washers—Graphite Lubricating Co., West Main, Bound Brook, N. J.  
 NILES spring hinges—Niles Mfg. Co., 216 S. Jefferson, Chicago, Ill.  
 NILO water meters—Union Water Meter Co., Worcester, Mass.  
 900 SERIES steam heaters—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.  
 999 cordage & twine mfrs.—American Mills Co., Atlanta, Ga.  
 1900 dry batteries—Nungesser Carbon & Battery Co., 1170 E. 38th, Cleveland, Ohio  
 NINETEEN HUNDRED hand washing machines—Nineteen Hundred Washer Co., Binghamton, N. Y.  
 1901 plumbers' rubber elbows—H. O. Canfield Co., Bridgeport, Conn.  
 1913 concrete mixers—Lansing Co., Lansing, Mich.  
 98 TURNABLE fruit & vegetable parers—Goodell Co., Antrim, N. H.  
 NINETY-NINE drain pipe cleaners—Chemical Products Co., 116 Christopher, New York  
 NINETY-SIX brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.  
 NIP-IT strawberry hullers—Stephens, Windsor & Co., Waltham, Mass.  
 NIPPER wire rope clips—Wilcox, Crittendon & Co., Middletown, Conn.  
 NISORON varnish—Patterson-Sargent Co., 2026 Lumber, Chicago, Ill.  
 NITELITE electric lamp flashlights—Providence Electric Mfg. Co., 23 Broad, Providence, R. I.  
 NIVISION scythe snaths—Seymour Mfg. Co., Seymour, Ind.  
 NOAH'S machine paste—Boston Paste Co., 12 Medford, Boston, Mass.  
 NOALL paint & varnish remover—Enterprise Paint Mfg. Co., 854 W. Van Buren, Chicago, Ill.  
 NOARK electric fuses, fuse boxes & electric meter protective devices—Johns Pratt Co., Hartford, Conn.  
 NOARK enclosed fuses, fuse boxes—H. W. Johns-Manville Co., Madison av & 41st, New York  
 NOBBY feed cutters—A. Buch's Sons Co., Elizabethtown, Pa.  
 NOBIND marine stuffing boxes—Upson-Walton Co. of N. Y., 291 B'way, New York  
 NOBLE self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 NOBLE'S auger bits—C. E. Jennings & Co., 71 Murray, New York  
 NOBLE'S magnetic separators—Capitol Brass Works, Detroit, Mich.  
 NOBOLT curb service boxes & service box covers—Patterson Mfg. Co., Keystone bldg., Pittsburgh, Pa.  
 NOBRAC paints for coating—Patterson-Sargent Co., Cleveland, Ohio  
 NOBURN metal valve wheels—C. H. Yonts & Co., Meadville, Pa.  
 NO-BURN potato bakers—Gier & Dail, Lansing, Mich.  
 NOCER garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 NO-CO-DO enameled metal tile—Northrop Coburn & Dodge Co., 40 Cherry, New York  
 NO-CO-RO metal road culverts—Canton Culvert Silo Co., Canton, Ohio

NOCOST pneumatic water supply systems—Illinois Pump & Brass Co., Peoria, Ill.  
 NO-DROP oil cans—Wheeling Corrugating Co., Wheeling, W. Va.  
 NO-DUST drying machinery, polishing machines—No Dust Drying Machine Co., 157 Dorrance, Providence, R. I.  
 NODUSTO sweeping compounds—Masury-Young Co., 196 Milk, Boston, Mass.  
 NO-DUST-O sweeping compounds—National Dust Down Co., 102 N. 1st, Brooklyn, N. Y.  
 NO-EQUAL asphalt roofing, rubber roofing—National Roofing Material Co., Edwardsville, Ill.  
 NO-EQUAL cold storage doors—Jamison Cold Storage Door Co., Hagerstown, Md.  
 NOERA oil cans, oilers, collapsible drinking cups, lawn sprinklers, mowing machines—Noera Mfg. Co., Waterbury, Conn.  
 NO GASKET meter couplings—H. W. Clark Co., Mattoon, Ill.  
 NOGLARE gauge glasses—Corning Glass Works, Corning, N. Y.  
 NOHEET babbitt metal & metallic packing—Lubricating Metal Co., 2 Rector, New York  
 NOISELESS bath water heaters—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Phila., Pa.  
 NOISELESS AUTOMATIC shock absorbers—Merron, F. S., 154 Nassau, New York  
 NO-KEY padlock locks—American Keyless Lock Co., 619 W. Jackson, Chicago, Ill.  
 NO-KEY padlocks—Edwards Mfg. Co., 545 Eggleston av, Cincinnati, Ohio  
 NOKORODE paste & salts soldering—M. W. Dunton Co., 150 Niagara, Providence, R. I.  
 NOKORODE solderkit soldering sets—M. W. Dunton Co., 150 Niagara, Providence, R. I.  
 NOKOROS unions—Illinois Malleable Iron Co., 1801 Diversey blvd, Chicago, Ill.  
 NOKUT valves & oilers—Richardson-Phenix Co., Milwaukee, Wis.  
 NOLA metallic shingles—New Orleans Roofing & Metal Works, New Orleans, La.  
 NOLAN blow-off valves—Jos. F. Schiller, 316 S. Lawrence, Phila., Pa.  
 NOLAN blow-off valves—Schiller, Nolan & Co., 820 Cherry, Phila., Pa.  
 NO-LEAK water pressure regulators—Standard Sanitary Mfg. Co., Bessemer bldg, Pittsburgh, Pa.  
 NO-MAR chemical dust mops—No-Mar Mfg. Co., Cleveland, Ohio  
 NOMAR wood stains—John W. Masury & Son, 50 Jay, Brooklyn, N. Y.  
 NOMAS open & closed circuit batteries—Electric Goods Mfg. Co., Canton, Mass.  
 NOME cultivators—J. I. Case Plow Works, Racine, Wis.  
 NO MORE dust sweeping compounds—Climax-Western Oil Co., 2824 10th av. Minneapolis, Minn.  
 NOMOREDUST sweeping compounds—Cedar-Sweep Co., Los Angeles, Cal.  
 NONAME card tables—E. T. Burrows Co., 70 Free, Portland, Me.  
 NO-NAME flour sifters—Peoria Can Co., Peoria, Ill.  
 NON-CLIP plasters' steel corner beads—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.  
 NON-CLOG spray nozzles—E. C. Brown Co., Rochester, N. Y.  
 NON-COLLAPSIBLE copper floats—Michigan Metal Spinning Mfg. Co., Detroit, Mich.  
 NONE-HOLD back screen door hinges—Grey Iron Casting Co., Mt. Joy, Pa.  
 NONEQUAL furniture polish—Keep Bros., 225 Sansom, Phila., Pa.  
 NONE-SUCH belting & leather aprons—Pechlin Belting Co., 700 N. Front, Phila., Pa.  
 NONE-SUCH brooders—Indianapolis Corrugating Co., Indianapolis, Ind.  
 NONE SUCH can openers—W. G. Brown Mfg. Co., Kingston, N. Y.  
 NONE-SUCH coffee or spice mills—Mirroscope Co., Cleveland, Ohio  
 NONESUCH feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 NONESUCH plating machines, plating barrels, carboy rockers—Munning Loeb Co., Matawan, N. J.  
 NONEX gauge glasses, glass battery jars, glass chimneys, lantern globes—Corning Glass Works, Corning, N. Y.  
 NON-FLAKE typewriter carbon paper—Pen Carbon Manifold Co., New Brunswick, N. J.  
 NON-FLUID lubricating oils & greases—N. Y. & N. J. Lubricant Co., 165 Broadway, New York  
 NON-GRAN bronze metal bearings, bushings, castings—American Bronze Co., Berwyn, Pa.  
 NONPAREIL automobile trailer trucks—Nonpareil Mfg. Co., Cochran, Pa.



NONPAREIL babbitt metal—Theo. Hiertz Metal Co., Alaska & Tesson, St. Louis, Mo.  
 NONPAREIL bone mills, corn & cob mills—L. J. Miller, Cincinnati, Ohio  
 NONPAREIL cork pipe & boiler coverings, cork tile, corkboard insulation—Armstrong Cork & Insulation Co., Pittsburgh, Pa.  
 NONPAREIL cork tile—David E. Kennedy (Inc.), 53 6th av, New York  
 NONPAREIL electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York  
 NONPAREIL generator valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 NONPAREIL packing, belt dressing—Jno. M. Watt's Sons, 54 N. 2nd, Phila., Pa.  
 NONPAREIL stamp paste & isinglass—Robert Keller, 334 3rd, Phila., Pa.  
 NONPAREIL steam heaters—Enoch Rutzler Co., 404 E. 49th, New York  
 NON-SHINE chair pads—Non-Shine Chair Pad Co., 7037 Ridge av, Phila., Pa.  
 NON-SMUT carbon paper—Imperial Mfg. Co., 297 Washington, Newark, N. J.  
 NON-SPLIT closet seats—Wm. S. Emery, 74 Cliff, New York.  
 NON-THEFT match box holders—Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.  
 NON-TIP ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.  
 NOPACK compression cocks—Nopack Brass Mfg. Co., Dubois, Pa.  
 NO PIECE curtain stretchers—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.  
 NORAL nail sets—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.  
 NORBITT incandescent cut-outs, lamp sockets, ordinary receptacles—Crouse-Hinds Co., Syracuse, N. Y.  
 NORBITT porcelain rosettes—E. H. Freeman Electric Co., Trenton, N. J.  
 NORCROSS cultivators, cultivator hoes, garden weeders—C. S. Norcross & Sons, Bushnell, Ill.  
 NORCROSS jolt ramming machines—Arcade Mfg. Co., Freeport, Ill.  
 NORDYKE electric cable hangers—Standard Underground Cable Co., Pittsburgh, Pa.  
 NORFOLK paper towels—Hollingsworth & Vose Co., 141 Milk, Boston, Mass.  
 NO-RIM-CUT pneumatic tires—Goodyear Tire & Rubber Co., Akron, Ohio  
 NORKA lawn mowers & high speed twist drills—Whitman & Barnes Mfg. Co., Akron, Ohio  
 NORKA radiators—Williamsport Radiator Co., Williamsport, Pa.  
 NORKA rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio  
 NORMA steel balls & ball bearings—Norma Co. of America, 1790 B'way, New York  
 NORMAN acetylene gas machines—Modern Gas Light & Heating Co., Des Moines, Ia.  
 NORMAN stoves & ranges—Galusha Stove Co., Rochester, N. Y.  
 NORMAND water tube boilers—Bath Iron Works, Bath, Me.  
 NOROL combination pliers & nippers, gas pliers—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.  
 NORRIS pulley mortising machines—Frank B. Sloan & Co., 516 W. Baltimore, Baltimore, Md.  
 NORTH blind awning fixtures—Wire Goods Co., Worcester, Mass.  
 NORTH carriage bolts—Cleveland Bolt & Mfg. Co., Cleveland, Ohio  
 NORTH AMERICAN liquid & paste polish—No. American Chemical & Engineering Co., 23 Old Slip, New York  
 NORTHAMPTON grinders & lathes—Noble & Westbrook Mfg. Co., Hartford, Conn.  
 NORTHERN cranes & electric hoists—Northern Engineering Works, 9 Chene, Detroit, Mich.  
 NORTHERN fire extinguishers & motor fire engines—Northern Fire Apparatus Co., Minneapolis, Minn.  
 NORTHERN roll toilet paper—Northern Paper Mills, Green Bay, Wis.  
 NORTHERN water gauges—Northern Tool Co., Utica, N. Y.  
 NORTHERN QUEEN metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.  
 NORTHFIELD concrete mixers, mortar mixers—Northfield Iron Co., Northfield, Minn.  
 NORTH POLE can openers—Andrews Wire & Iron Works, Rockford, Ill.  
 NORTH POLE ice cream freezers—Alaska Freezer Co., Winchendon, Mass.  
 NORTH POLE lubricating oils & greases—Bell Oil Co., 51 Ferry, St. Louis, Mo.  
 NORTHROP looms, spooler guides—Draper Corp., Hopedale, Mass.

NORTHROP loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.  
 NORTH SHORE hammocks—Wheeler & Wilson, 15 Merchants row, Boston, Mass.  
 NORTH STAR ice cream freezers—Alaska Freezer Co., Winchendon, Mass.  
 NORTH STAR metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.  
 NORTH STAR portable grain elevators—Warren Elevator Mfg. Co., Warner, Ill.  
 NORTH STAR shade cloth—Hauser Shade Cloth Co., Chicago Heights, Ill.  
 NORTH WALES hack saw machines, knife & scissors grinders, door stops—North Wales Machine Co., North Wales, Pa.  
 NORTHWAY power mills—Strong-Scott Mfg. Co., Minneapolis, Minn.  
 NORTH WEST combined harvesters—Northwest Harvester Co., Spokane, Wash.  
 NORTHWESTERN cement mfrs. — Northwestern States Portland Cement Co.  
 NORTHWESTERN concrete mixers—Lansing Co., Lansing, Mich.  
 NORTHWESTERN farm wagons—Northwestern Mfg. Co., Fort Atkinson, Wis.  
 NORTHWESTERN flax-seed cleaners—J. L. Owens Co., Minneapolis, Ind.  
 NORTHWESTERN gas engines, cement brick machines—Northwestern Steel & Iron Works, Eau Claire, Wis.  
 NORTHWESTERN horse nails—Union Horse Nail Co., 1524 W. 22nd, Chicago, Ill.  
 NORTHWESTERN seamless hog troughs—Northwestern Stamping Co., Burlington, Ia.  
 NORTON blast furnaces—Norton Iron Works, Ashland, Ky.  
 NORTON elevator door openers—Elevator Supplies Co., Hoboken, N. J.  
 NORTON tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 NORTON valve grinding compounds—Norton Co., Worcester, Mass.  
 NO-RUST stove scrapers—American Mfg. Co., Chattanooga, Tenn.  
 NORUSTOCTA unions—Kelly & Jones Co., Pittsburgh, Pa.  
 NORWALK air & gas compressors—Norwalk Iron Works Co., S. Norwalk, Conn.  
 NORWALK rubber tires—Norwalk Tire & Rubber Co., Norwalk, Conn.  
 NORWALL air valves—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 NORWAY blast furnaces—Colonial Iron Co., Riddlesburg, Pa.  
 NORWEGIAN animal pokes—Osmundson Spade Mfg. Co., Perry, Ia.  
 NORWICH steam heaters—John T. Young Boiler Co., Norwich, Conn.  
 NORWOOD automobile jacks—Auto & Accessories Mfg. Co., Baltimore, Md.  
 NORWOK belting mfrs., rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, O.  
 NORWOOD wire fence & gates—H. I. Brown Fence & Mfg. Co., Oakley, Cincinnati, Ohio  
 NO-SEAM range boilers—J. L. Mott Iron Works, 118 5th av, New York  
 NO-SET-O lubricating oils & greases—Norman C. Hayner Co., Rochester, N. Y.  
 NO SLAM screen door checks—Sargent & Co., New Haven, Conn.  
 NO-SOL copper floats—Ayling & Reichert Co., Toledo, Ohio  
 NO-SPARK carbon brushes—Galebaugh-Block Self-Lubricating Carbon Co., 1503 Columbia av, Phila., Pa.  
 NO-SPILL gasoline funnels—Hoaglin Mfg. Co., Waupaca, Wis.  
 NO TAR roofing cements—Heppes-Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.  
 NO TIP walking & riding cultivators—Kingman Plow Co., Peoria, Ill.  
 NOTWIRE rat traps—National Mfg. Co., Worcester, Mass.  
 NOVELCO automobile horns—Novelty Mfg. Co., Waterbury, Conn.  
 NOVELTY disc sharpeners, stock fountains—Walker Mfg. Co., Council Bluffs, Ia.  
 NOVELTY hollow augers—W. A. Ives Mfg. Co., Wallingford, Conn.  
 NOVELTY hot water heaters—Model Heating & Engineering Co., Phila., Pa.  
 NOVELTY paper fasteners—Phila. Novelty Mfg. Co., 13th, cor Noble, Phila., Pa.  
 NOVELTY porch swings—Modern Mfg. Co., Hagerstown, Md.  
 NOVELTY potheads & sleeves—F. Bissell Co., Toledo, Ohio



NOVELTY spray pumps—Hess, Snyder Co., Massillon, Ohio  
 NOVELTY spray pumps—Hoil Mfg. Co., 45 N. Division, Buffalo, N. Y.  
 NOVELTY sulky hay rakes—Geo. S. Comstock & Son, Mechanicsburg, Pa.  
 NOVI incandescent electric lamps—Franklin Electric Mfg. Co., Hartford, Conn.  
 NOVIO flushing valves—Jenkins Mfg. Co., 20 Vesey, New York  
 NOVIOL lens blanks—Corning Glass Works, Corning, N. Y.  
 NOVITAS talking machines—Novitas Sales Co., Waltham, Mass.  
 NOVIWELD goggles & eye protectors—F. A. Hardy & Co., 10 S. Wabash av, Chicago, Ill.  
 NOVO gas engines—Novo Engine Co., Lansing, Mich.  
 NOVO high speed steel—H. Boker & Co., 101 Duane, New York  
 NOVUS steam heaters & hot water radiators—National Radiator Co., Johnstown, Pa.  
 NO WASTE roving cans—Standard Fibre Co., Miller, Somerville, Mass.  
 NOWATT transformers—Sangamo Electric Co., Springfield, Ill.  
 NO WOBBLE spout strainers—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 NOX rat traps—Abingdon Trap Co., Abingdon, Ill.  
 NOX TOX openers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 NOX-A-BUG insecticides—Peerless Stock Powder Co., Falls City, Nebr.  
 NO XAL metal & furniture polish—No Xal Polish Mfg. Co., 1238 Belmont av, Philadelphia, Pa.  
 NOX-ALL advertising novelties & specialties, grass catchers—Zittolsen Mfg. Co., Park & Dolman, St. Louis, Mo.  
 NOXALL annunciators—Electric Goods Mfg. Co., Canton, Mass.  
 NOXALL cleanouts—Crampton-Farley Brass Co., Kansas City, Mo.  
 NOXALL cultivators—Racine-Sattley Co., Springfield, Ill.  
 NOXALL denatured alcohol stoves—Quincy Foundry & Novelty Co., Quincy, Ill.  
 NOXALL hay presses—Collins Plow Co., Quincy, Ill.  
 NOXALL horse collars—J. B. Schott Saddlery & Mfg. Co., Quincy, Ill.  
 NOX-ALL metal polish—McLean-Jones Oil & Supply Co., 40 India Wharf, Boston, Mass.  
 NOXALL neck yokes, wagon spokes, singletrees—Lack Singletree Co., Paducah, Ky.  
 NOXALL ring packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 NOXALL stove pipe & elbow—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.  
 NOXALL water filters—American Filter Co., Milwaukee, Wis.  
 NOX-EM-ALL sheet packing—Boston Belting Co., 84 Linden Park st, Boston, Mass.  
 NOYES bolt heading machines—B. B. Noyes & Co., Greenfield, Mass.  
 NOYES grapple forks—U. S. Wind Engine & Pump Co., Batavia, Ill.  
 NU-AIR ventilators—Milwaukee Corrugating Co., Milwaukee, Wis.  
 NUBIAC arc lamp globes—Holophane Glass Works of Gen. Elec. Co., Newark, Ohio  
 NUBIAN packing & gaskets—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 NUBRITAIN trace carriers—North & Judd Mfg. Co., New Britain, Conn.  
 NUE dry batteries—Union Battery Co., Belleville, N. J.  
 NUENBERG arc light carbons—Reisinger Hugo, 11 Broadway, New York  
 NUERNBERGER-RETTIG type casting machines—Universal Type Making Machine Co., 243 S. Dearborn, Chicago, Ill.  
 NUGENT oiling devices—Wm. W. Nugent & Co., 146 W. Superior, Chicago, Ill.  
 NUGET babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio  
 NUGLOSS body polish—R. M. Hollingshead Co., Camden, N. J.  
 NUMA rock drill—Numa Rock Drill Sharpener Co., Salt Lake City, Utah  
 NO. 8 lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.  
 NO. 5 can openers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 NO. 4 corn planters—Parlin & Orendorff Co., Canton, Ill.  
 NO.-4-D-D medical batteries—Bunnell, J. H. & Co., 32 Park pl, New York  
 NO. 4 LOCK & SHIELD air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.

NO. 41 walking listers—Kingman Pow Co., Peoria, Ill.  
 NUMBER NINE oil tanks—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 NO. 1, A.B.C.D.&E. screw plates—Morse Twist Drill & Machine Co., New Bedford, Mass.  
 NUMBER ONE belt dressing—Hudson Belting Co., Worcester, Mass.  
 NO. 183 clothes pins—Wire Hardware Co., 6126 S. La Salle, Chicago, Ill.  
 NO. 6 alfalfa cutters—Wilder-Strong Implement Co., Monroe, Mich.  
 NO. 6 corn planters—Parlin & Orendorff Co., Canton, Ill.  
 NO. 124 mineralized lard oil compounds—American Oil Corp., Jackson, Mich.  
 NO. 63 terminal wrenches—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.  
 NUMBER TEN gasoline tanks—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 NUMBER TEN horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.  
 NO. 13 equalizers—Fort Madison Plow Co., Ft. Madison, Ia.  
 NO. 3 REVIVER floor finish—Butcher Polish Co., 356 Atlantic av, Boston, Mass.  
 NO. 2 calking cotton—Estes Mills, Fall River, Mass.  
 NO. 2 elastic packing—Goetze Gasket & Packing Co., New Brunswick, N. J.  
 NO. 2 SUPERIOR illuminating overhead washers—Vehicle Specialty Co., Hartford, Conn.  
 NU PLAN prismatic glass—American Bar Lock Co., 26th & Penna. av, Phila., Pa.  
 NUSTYLE sheet steel ceilings—Delphos Mfg. Co., Delphos, Ohio  
 NUTMEG bilge pumps—Wilcox, Crittenden & Co., Middletown, Conn.  
 NUTMEG snap & push switches—Hart & Hegeman Mfg. Co., Hartford, Conn.  
 NUWAY garden barrows—Ross Bros. Co., 90 Front, Worcester, Mass.  
 NU WAY steel bins—Beatrice Steel Tank Mfg. Co., Beatrice, Nebr.  
 NU-WAY steel tanks—Beatrice-Dempster Mill Mfg. Co., Beatrice, Nebr.  
 NYE pipe threading dies, pipe vises, solid die stocks, noiseless ball cocks, wiping cloths—Nye Tool & Machine Works, 108 N. Jefferson, Chicago, Ill.  
 NYMPH brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio  
 NYOIL typewriter oils—Wm. F. Nye, New Bedford, Mass.  
 NYOLL lawn mower oils—Wm. F. Nye, New Bedford, Mass.  
 NYTANDAY office door letters—Nytanday Letter & Design Co., 100 William, New York

O. boiler ejectors—Hayden & Derby Mfg. Co., 119 W. 40th, New York  
 O. A. K. cars—Orenstein-Arthur Koppel Co., Koppel, Pa.  
 O. A. K. tool holders—O. K. Tool Holding Co., Shelton, Conn.  
 O.-B. rail bonds, porcelain insulators, track brush holders, track sander valves, trolley wire splicers—Ohio Brass Co., Mansfield, Ohio  
 O. C. LITTLE commutator compound, pulley covering—Onward Mfg. Co., Menasha, Wis.  
 O. D. back water & sewer gas valves—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 O. G. hinges—Griffin Mfg. Co., Erie, Pa.  
 O. H. FIN neck bolts—National Screw & Tack Co., Stanton av, S. E. & C. & P. Ry., Cleveland, Ohio  
 O. I. C. street flushing machines—O'Neil Implement Co., Marseilles, Ill.  
 O. I. C. valve discs—Ohio Injector Co., Wadsworth, Ohio  
 O. I. CO. valves—Ohio Injector Co., Wadsworth, Ohio  
 O. I. M. rubber packing—Home Rubber Co., Trenton, N. J.  
 O. J. C. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.  
 O. K. animal traps, gopher traps, rat traps—Abingdon Trap Co., Abingdon, Ill.  
 O. K. barn cupolas—Phillip Bernard Co., Sioux City, Ia.  
 O. K. belt lacing—Hudson Belt Fastener Co., 103 Chambers, New York  
 O. K. bolt threading dies, pipe threading dies, adjustable expanding dies, cutting dies—F. E. Wells & Son Co., Greenfield, Mass.  
 O. K. card tables—E. T. Burrowes Co., 70 Free, Portland, Me.  
 O. K. cement—Oklahoma Portland Cement Co., Ada, Okla.  
 O. K. cement plaster—United States Gypsum Co., Chicago, Ill.  
 O. K. churns—Standard Churn Co., Wapakoneta, Ohio.



- O. K. clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
- O. K. cotton mops—Estes Mills, Fall River, Mass.
- O. K. dish drainers, fruit & vegetable parers—Hamblin & Russell Mfg. Co., Worcester, Mass.
- O. K. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- O. K. door hangers & unloaders—F. E. Myers & Bro., Ashland, Ohio
- O. K. expansion bolts—Isaac Church, South Norwalk, Conn.
- O. K. feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
- O. K. floor & ceiling plates—T. B. Cryer Co., 249 High, Newark, N. J.
- O. K. friction clutches, friction clutch pulleys—O. K. Clutch & Machinery Co., Columbia, Pa.
- O. K. gasoline engines—Lennox Machine Co., Marshalltown, Ia.
- O-K guy anchors—St. Louis Malleable Casting Co., 7701 N. Conduit av., St. Louis, Mo.
- O. K. harrow carts & shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.
- O. K. harrows—Wm. Fetzer Co., Springfield, Ill.
- O. K. hay fork pulleys—Hunt, Helm, Ferris & Co., Harvard, Ill.
- O. K. hop furnaces—Munnsville Plow Co., Munnsville, N. Y.
- O. K. hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- O. K. hot air registers—Wm. Highton & Sons Co., Nashua, N. H.
- O. K. ice creepers—Norlund Mfg. Co., Williamsport, Pa.
- O. K. incandescent gasoline lamps—Cole-Halstead Light & Sales Co., Los Angeles, Cal.
- O. K. insulating compounds—Andrews, Pettingell & Co., 166 Pearl, Boston, Mass.
- O. K. lamp chimneys—Gill Bros. Co., Steubenville, Ohio
- O. K. lathe tools, boring tools, thread cutting tools, tool posts—O. K. Tool Holder Co., Shelton, Conn.
- O. K. letter openers & rubber erasers—O. K. Mfg. Co., Syracuse, N. Y.
- O. K. nail sets—West Haven Mfg. Co., West Haven, Conn.
- O. K. paper fasteners—O. K. Mfg. Co., Syracuse, N. Y.
- O. K. pipe couplings—Lawrence Bronze Co., Pittsburgh, Pa.
- O. K. pipe hooks—Wm. Hammann, 1057 5th, Milwaukee, Wis.
- O. K. portable table lamps—Cole-Halstead Light & Sales Co., Los Angeles, Cal.
- O. K. potato diggers—A. B. Farguhar Co., York, Pa.
- O. K. poultry fountains—Oakes Mfg. Co., Tipton, Ind.
- O. K. roofing paints—Richmond Bros., 117 E. 6th, Cincinnati, Ohio
- O. K. sash pulleys—O. K. Mfg. & Stamping Co., 314 N. Holliday, Baltimore, Md.
- O. K. shoe lasts & stands—Camden Iron Works, Salem, Va.
- O-K sleet cutters—Electric Supplies Co., 17th & Cambria, Phila., Pa.
- O. K. spark plugs—Petting Andrews Co., Boston, Mass.
- O. K. stocks & dies, die & tap holders, top & reamer wrenches—F. E. Wells & Son Co., Greenfield, Mass.
- O. K. stump pullers, pitless scales—Scott Hay Press Co., Kansas City, Mo.
- O. K. tire bolt wrenches—Stanley Rule & Level Co., New Britain, Conn.
- O. K. weatherproof wire—Phillips Wire Co., Pawtucket, R. I.
- O. K. window cleaners—F. H. Smith Mfg. Co., 3047 Carroll av., Chicago, Ill.
- O. K. wire floor clips—Chicago Builders' Specialty Co., Old Colony bldg., Chicago, Ill.
- O. K. CHAMPION potato planters, potato sprayers, potato diggers, potato cutters—Champion Potato Machine Co., Hammond, Ind.
- O. K. D. blow-off valves—Engineers' Specialty Co., 333 S. Dearborn, Chicago, Ill.
- O. K. HARRY binder covers, steel corn cribs—O. K. Harvy Steel Co., 2333 Papin, St. Louis, Mo.
- O. K. HOLLAND peat moss—Atkins & Dubrow, 157 Water, New York
- O. M. gasoline engines—Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.
- O. M. C. aluminishine polish—Orona Mfg. Co., 224 Milk, Boston, Mass.
- O. N. T. spool cotton—Clark Thread Co., Clark, Newark, N. J.
- O. P. metal polish—Opie Brush Co., Kansas City, Mo.
- O. R. C. wood hay tedders—Ohio Rake Co., Dayton, Ohio.
- O. S. shutter hinges—Wrightsville Hardware Co., Wrightsville, Pa.
- O. X. O. brick oven builders—Jas. Clarey Co., 766 11th, New York
- O. & G. lubricating oils & greases—Oil & Grease Co. of America, 100 Hudson, New York
- OAK padlocks—Slaymaker Lock Co., Lancaster, Pa.
- OAK-A-NITE sanitary flooring—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
- OAKEN cattle guards—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
- OAK HORSE wool pails & buckets—Buckeye Churn Co., Sidney, Ohio
- OAKITE rust preventives, cutting & drilling compounds—Oakley Chemical Co., 22 Thames, New York
- OAKLAND pruning shears—Smith, Seymour & Son, Oakville, Conn.
- OAKLAND stoves—Highland Foundry Co., 1341 Columbus av., Boston, Mass.
- OAKLAND stoves—North Dighton Co-operative Stove Co., North Dighton, Mass.
- OAKWOOD paste, salts & liquid soldering—Weaver Specialty Co., Pittsburgh, Pa.
- OAKWOOD stoves—Pittston Stove Co., Pittston, Pa.
- OAMCO electric desk lights, electric lamp hoods, electric lighting systems—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
- OBLIQUE TOOTH garden rakes—Standard Auger Co., 57 W. 34th, Chicago, Ill.
- OBLONG PLATE bed & furniture casters—Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.
- O'BRIEN farm wagons—Indiana Wagon Co., Lafayette, Ind.
- O'BRIEN fire bell ringers—Walsh Safety Lock Snap Co., Bellevue, Ohio
- O'BRIEN lead melting furnaces—A. P. Smith Mfg. Co., East Orange, N. J.
- O'BRIEN rail insulating joints—Q. & C. Co., 90 West, New York
- O'BRIEN varnish—O'Brien Varnish Co., South Bend, Ind.
- O'BRIEN-HAWLEY smokeless furnaces—John O'Brien Boiler Works Co., St. Louis, Mo.
- OBSTITCH belting—Mount Vernon Belting Co., 333 Warren av., Baltimore, Md.
- OCEANA marine varnishes—Standard Varnish Works, 2589 Richmond ter., Elm Park, N. Y.
- OCEANIC kitchen enameled ware—Strong Mfg. Co., Sebring, Ohio
- OCEAN WAVE washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
- O-CEDAR floor polish—Channel Chemical Co., 1419 Carroll av., Chicago, Ill.
- OCO piano hinges—Oakville Co., Waterbury, Conn.
- O'CONNOR collapsible steel centering—Hartford Construction Co., Hartford, Conn.
- OCTA unions—Kelly & Jones Co., Pittsburgh, Pa.
- OCTIGAN horse shoes—Octigan Drop Forge Co., 2428 Lowe av., Chicago, Ill.
- ODAMANTOSE drinking fountains—Jas. B. Clow & Sons, 544 S. Franklin, Chicago, Ill.
- ODEE gas engines—Kemper-Odee Engine Co., Albert Lea, Minn.
- ODELL safety razors & safety razor blade sharpening machines—Odell Mfg. Co., 343 S. Dearborn, Chicago, Ill.
- ODENKIRK switchstands—Cleveland Railway Supply Co., Cleveland, Ohio
- ODIN gas soldering furnaces—Odin Stove Mfg. Co., Erie, Pa.
- ODINOID packing—Thermoid Rubber Co., Trenton, N. J.
- ODOZONE disinfectants—H. D. Mann Co., 124 N. Warren, Syracuse, N. Y.
- OFFICIAL mouse & rat traps—Oneida Community (Ltd.), Oneida, N. Y.
- OGDEN industrial folding doors—J. Edward Ogden Co., 147 Cedar, New York
- OGLESBY blue granite—Oglesby Granite Co., Elberton, Ga.
- OHIO crucible, & laboratory porcelain specialties—Ohio Pottery Co., 236 N. 3d, Columbus, Ohio
- OHIO cultivators, cotton planters, harrows, hay presses, plow coulters—Ohio Cultivator Co., Bellevue, Ohio
- OHIO engines—Griffith & Wedge Co., Zanesville, Ohio
- OHIO ensilage cutters—Silver Mfg. Co., Salem, Ohio
- OHIO fly swatters—Ohio Stove Pipe & Mfg. Co., New Phila., Ohio
- OHIO gauge cocks, pressure regulators, water gauges, valves—Ohio Brass Co., Mansfield, Ohio
- OHIO harrows—Ohio Mfg. Co., Upper Sandusky, Ohio
- OHIO harrows & pulverizers, hay loaders, bean & pea planters, hay rakes—Ohio Rake Co., Dayton, Ohio



- OHIO hot air furnaces—Bennett Furnace Co., 5801 Euclid av, Cleveland, Ohio
- OHIO hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio
- OHIO injectors, lubricators—Ohio Injector Co., Wadsworth, Ohio
- OHIO lubricating oils & greases, commutator compounds—Ohio Grease Co., Loudonville, Ohio
- OHIO mail boxes—Deshler Mail Box Co., Deshler, Ohio
- OHIO metal phosphor bronze ingots—Whitaker, Glessner Co., Portsmouth, Ohio
- OHIO metal shaping machines, planing machines—Ohio Machine Tool Co., Kenton, Ohio
- OHIO mop wringers, garden hose reels—Cardington Cabinet Co., Cardington, Ohio
- OHIO oil cans, railway lanterns—Ohio Lantern Co., Tiffin, Ohio
- OHIO packing—Mechanical Rubber Co., Cleveland, Ohio
- OHIO road machines, wagon dump boxes—Ohio Road Machinery Co., Oberlin, Ohio
- OHIO rubber tires, inner automobile tubes—Mansfield Tire & Rubber Co., Mansfield, Ohio
- OHIO screw drivers, auger bits, box scrapers, spoke shaves—Ohio Tool Co., Columbus, Ohio
- OHIO standard vacuum carpet sweepers—Harold Wise Electric Co., New Philadelphia, Ohio
- OHIO steam heaters, laundry heaters—J. H. McLain Co., Canton, Ohio
- OHIO steel ranges—Tinnerman Steel Range Co., Cleveland, Ohio
- OHIO storage batteries—Weisenborn Electric Co., 14 N. Franklin, Chicago, Ill.
- OHIO table oilcloth racks—Banner Machine Co., Columbiana, Ohio
- OHMLAC electric cable compounds, acid tank lining compounds—Ohmlac Mfg. Co., 443 S. Dearborn, Chicago, Ill.
- OHMLAC insulating varnishes—Emil Calman & Co., 100 William, New York
- OIL CITY dumping wagons—Kramer Wagon Co., Oil City, Pa.
- OIL CITY portable hot water heaters—Wm. Earley, 1216 Ridge av, Phila., Pa.
- OIL CITY steam heaters—Oil City Boiler Works, Oil City, Pa.
- OILDAG graphite lubricants—Acheson Oildag Co., Port Huron, Mich.
- OILDAG graphite lubricants—International Acheson Graphite Co., Niagara Falls, N. Y.
- OIL KING tractors—Hart-Parr Co., Charles City, Ia.
- OIL OF GLADNESS dusters, dustless dust cloths, mops, polish—Dunlap Mfg. Co., Bloomington, Ill.
- OIL-PULL traction engines—Advance-Rumely Co., La Porte, Ind.
- OILSUM lubricating oils & greases—White & Bagley Co., Worcester, Mass.
- OILTURN gasoline & oil engines—Advance-Rumely Co., La Porte, Ind.
- OKADEE water gauges—Okadee Co., 14 E. Jackson blvd., Chicago, Ill.
- OKO round belting—F. Raniville Co., Grand Rapids, Mich.
- OKOLITE shoe blacking & polishes—Buckard Blacking & Oil Co., 1322 Greenmount av, Baltimore, Md.
- OKONITE insulated wires & cables—Okonite Co., 501 5th av, New York.
- OLD ABE lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
- OLD ALTON mining tools—Beall Bros., Alton, Ill.
- OLD COLONY house paint—Harrisons, Inc., 36th & Gray's Ferry rd, Phila., Pa.
- OLD CROW mechanical rubber, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
- OLD DOCTOR ice picks—Edw. Parkinson Mfg. Co., 84 Sprague, Providence, R. I.
- OLD DOMINION cement—Virginia Portland Cement Co., Allentown, Pa.
- OLD DOMINION vapor heating system—Virginia School Supply Co., 2000 Marshall, Richmond, Va.
- OLD DUTCH cleanser compounds—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
- OLD ENGLISH hard wax floor polish—A. S. Boyle & Co., 1940 Dana av, Cincinnati, Ohio
- OLD ENGLISH kitchen enameled ware—Republic Stamping & Enameling Co., Canton, Ohio
- OLD ENGLISH metallic roofing tile, metallic shingles—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
- OLDHAM brazing compounds—Joshua Oldham & Sons, 112-26th, Brooklyn, N. Y.
- OLD HAMPSHIRE bond typewriter paper—Hampshire Paper Co., So. Hadley Falls, Mass.
- OLD HICKORY baseball bats—Edw. K. Tryon Co., 611 Market, Phila., Pa.
- OLD HICKORY belt dressing—W. S. Nott Co., 2nd av N. & 3rd, Minneapolis, Minn.
- OLD HICKORY dumping wagons—Kentucky Wagon Mfg. Co., Louisville, Ky.
- OLD HICKORY garden & lawn rakes—Pratt Fork & Hoe Corp., Frankfort, N. Y.
- OLD OAK padlocks—Slaymaker Lock Co., Lancaster, Pa.
- OLD RELIABLE dredge, hoist & steam shovel chains—Hayden-Corbett Chain Co., Columbus, Ohio
- OLD RELIABLE expansion traps—John Acton, 118 John, Brooklyn, N. Y.
- OLD RELIABLE gasoline blow torches—Turner Brass Works, Sycamore, Ill.
- OLD RELIABLE hand corn planters—Sheffield Mfg. Co., Burr Oak, Mich.
- OLD RELIABLE parchment paper—Wm. Mann Co., 529 Market, Phila., Pa.
- OLD RELIABLE pipe joint cements—Callahan, Geo. & Co., 218 Front, New York
- OLD RELIABLE tractors—Hart-Parr Co., Charles City, Ia.
- OLD RELIABLE union counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
- OLD SOL automobile headlights, projectors, lamps—Hawthorne Mfg. Co., Bridgeport, Conn.
- OLD STYLE bridge builders' wrenches—Lowell Wrench Co., Worcester, Mass.
- OLDS gasoline engines—Advance-Rumely Co., La Porte, Ind.
- OLEO rubber packing—Mechanical Rubber Co., Cleveland, Ohio
- OLE OLSEN wood lawn rakes—Piqua Handle & Mfg. Co., P. O. Box, 307, Piqua, Ohio
- OLIN gas engines—Olin Gas Engine Co., Buffalo, N. Y.
- OLINE bicycle & sewing machine oils—National Cement & Rubber Co., Toledo, Ohio
- OLININ stage plugs—Metropolitan Elec. Stage Lighting Co., 123 W. 40th, New York
- OLIO water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
- OLIVE CREAM cotton softeners—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.
- OLIVER grindstone boxes & frames, saw benches & tables, saw gauges, saw guards, saw mandrels, rip saw machines, manual training benches, oil & water stones—Oliver Machinery Co., Grand Rapids, Mich.
- OLIVER jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
- OLIVER plows, clod crushers, cultivators, corn planters, spring tooth harrows—Oliver Chilled Plow Works, South Bend, Ind.
- OLO SOFFENE cotton softeners—Bosson & Lane, Atlantic, Boston, Mass.
- OLOTAN round belting—F. Raniville Co., Grand Rapids, Mich.
- OL-SE-CO. polishing cloths—Saponol Chemical Co., 130th & Park av, New York
- OLSEN'S mine cages—Eagle Iron Works, Des Moines, Ia.
- OLSON truck units—Swedish Crucible Steel Co., Detroit, Mich.
- OLYMPIA screen door hinges—Champion Hardware Co., Geneva, Ohio
- OLYMPIA packing—C. W. Trainer Mfg. Co., 55 High, Boston, Mass.
- OLYMPIC automobile horns—Electric Spark Appliance Co., 140 Imlay, Brooklyn, N. Y.
- OMACO shades & reflectors—Overbagh & Ayres Mfg. Co., 411 S. Clinton, Chicago, Ill.
- OMAHA lead pipe—Lawrence Shot & Lead Co., Omaha, Nebr.
- OMALA bath room fixtures—Galard Co., 335-6th av, Newark, N. J.
- OMECO metallic furniture, blue print filing cabinets—O. M. Edwards Co., Syracuse, N. Y.
- OMEGA crayons—Standard Crayon Mfg. Co., Danvers, Mass.
- OMEGA cream separators—Reliance Engineering Co., Lansing, Mich.
- OMEGA packing—Cooley Mfg. Co., 98 Park pl, New York
- OMEGA rubber bottles, rubber syringes—Parker, Stearns & Co., 286 Sheffield av, Brooklyn, N. Y.
- OMEGO air valves—Harlem Mfg. Co., 42 W 67th, New York
- OMEGO power mills—C. S. Bell Co., Hillsboro, Ohio



OMY polishing cloths—G. V. Sales Co., 12 Spruce, New York  
 1a-1a resistance wire—H. Boker & Co., 101 Duane, New York  
 199 C. W. fire resisting paints—Toch Bros., 320-5th av., N. Y. C.  
 ONEIDA animal traps—Sargent & Co., New Haven, Conn.  
 ONEIDA automobile horns—Electric Horn & Specialty Co., Utica, N. Y.  
 ONEIDA drill chucks—Westcott Chuck Co., Oneida, N. Y.  
 ONEIDA steel split pulleys—Dodge Sales & Engng. Co., Oneida, N. Y.  
 ONEIDA wood split pulleys—Oneida Wood Pulley Co., Oneida, N. Y.  
 O'NEIL pipe calking machines—A. P. Smith Mfg. Co., East Orange, N. J.  
 O'NEILL electric cable hangers, insulated hooks—Andrews Pettingell Co., 166 Pearl, Boston, Mass.  
 O'NEILL flue cutters—Christopher Murphy & Co., 122 S. Michigan av., Chicago, Ill.  
 O'NEILS boiler compounds—O'Neil Oil & Paint Co., 297 E. Water, Milwaukee, Wis.  
 ONE DROP oil cans—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.  
 ONE LOCK adjustable reamers—More Twist Drill & Machine Co., New Bedford, Mass.  
 ONE MAN stump pullers—A. J. Kirstin Co., Escanaba, Mich.  
 ONE MINUTE clothes washing machines—One Minute Washer Co., El Reno, Okla.  
 ONE MINUTE photograph machines—Chicago Ferrottype Co., 1455 W. Congress, Chicago, Ill.  
 ONE MINUTE post hole diggers—Osmund Son Spade Mfg. Co., Perry, Ia.  
 ONE MINUTE waste paper baling presses—Lubbers & Bell Mfg. Co., Clinton, Iowa  
 ONE OUNCE MISTRY spray nozzles—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.  
 ONE PIECE stop bead screws—National Mfg. Co., Sterling, Ill.  
 ONE TWIST mop wringers—Sanitary Stamped Wares & Specialties Co., 415 W. B'way, New York  
 ONE-WAY hay carriers—Hunt-Helm Ferris & Co., Harvard, Ill.  
 O-NI-DA chains—Oneida Chain Co., Oneida, N. Y.  
 ONION skin carbon paper—American Ribbon & Carbon Co., Rochester, N. Y.  
 ONLIWON toilet paper holders—A. P. W. Paper Co., Albany, N. Y.  
 ONLY band saw filing & setting machines—Black Diamond Saw & Machine Works, Natick, Mass.  
 ONLY can openers, knife sharpeners—American Cutlery Co., 764 Mather, Chicago, Ill.  
 ONLY paper fasteners—West Mfg. Co., 58 N. 2d, Phila., Pa.  
 ONLY PERFECT egg & cream beaters—Hollow Cable Mfg. Co., Hornell, N. Y.  
 ONLY WAY cultivators—Racine-Sattley Co., Springfield, Ill.  
 ONOKO babbitt metal—H. Channon Co., 150 N. Market, Chicago, Ill.  
 ONOKO sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 ONONDAGA tobacco transplanters—Nagley Mfg. Co., Lyons, N. Y.  
 ONOTO fountain pens—Onoto Pen & Red Dwarf Repairing Co., 68 Barclay, New York  
 ONTABLE lever presses—Chas. Leffler & Co., 71 Clymer, Brooklyn, N. Y.  
 ONWARD sliding furniture shoes—Onward Mfg. Co., Menasha, Wis.  
 ONYX kitchen enameled ware—Columbian Enameling & Stamping Co., Terre Haute, Ind.  
 OOLITIC white lime—Ste. Genevieve Lime & Quarry Co., St. Louis, Mo.  
 OPAKE draughting inks—Taylor Bros., Cleveland, Ohio  
 OPAL GLOSS varnish—D. B. Crockett Co., Bridgeport, Conn.  
 OPALITE glass tile—Opalite Tile Co., Monaca, Pa.  
 OPALUX glass shades—Opalux Co., 258 Broadway, New York  
 OPEN DOOR rat traps—Bumann Mfg. Co., Litchfield, Ill.  
 OPEN DOOR silos—Vesper Wood Mfg. Co., Vesper, Wis.  
 OPLEX wall coffee mills—Buckeye Stereopticon Co., Cleveland, Ohio  
 OPTIMUS electro plating dynamos—Munning-Loeb Co., Matawan, N. J.  
 OPTIMUS paint—Keystone Paint & Filler Co., Muncie, Ind.  
 ORAM'S bung hole borers & barrel hoop driving machines—John S. Oram Co., Cleveland, Ohio

ORANGE CEDAR sweeping compounds—Chapman Mfg. Co., Ashland, Ohio  
 ORANGE lawn mowers—S. P. Townsend & Co., Orange, N. J.  
 ORANGEVILLE spring tooth harrows—J. W. Conner & Son, Orangeville, Pa.  
 ORCHARD insecticide dusters—Leggett & Bro., 301 Pearl, New York  
 ORCHARD sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio  
 ORCHID lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg., Phila., Pa.  
 OREGON ash cans—Abbott Hardware Co., 636 Columbus av., New York  
 O'REILLY natural gas burners—M. J. O'Reilly, 217 Franklin, Buffalo, N. Y.  
 ORGOBLO organ blowers—Organ Power Co., Hartford, Conn.  
 O-RIB-O water coolers—Briscoe Mfg. Co., Woodward & Baltimore avs, Detroit, Mich.  
 ORIENT faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.  
 ORIENT picture hooks—Forsyth Metal Goods Co., East Aurora, N. Y.  
 ORIENTAL furniture polish—Wadsworth-Howland Co., 225 N. Carpenter, Chicago, Ill.  
 ORIENTAL rouge—Oriental Rouge Co., Bridgeport, Conn.  
 ORIENTAL stucco—Monument Plaster Co., Harrison, N. J.  
 ORIGINAL air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.  
 ORIGINAL Brammer clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.  
 ORIGINAL fish spears—Bonafide Mfg. Co., Plymouth, Mich.  
 ORIGINAL measuring spoons—Landers, Frary & Clark, New Britain, Conn.  
 ORIGINAL-BLACK sheet packing—Home Rubber Co., Trenton, N. J.  
 ORIGINAL-PAYNE'S gas & water tapping machines—Hays Mfg. Co., Erie, Pa.  
 ORIOLE belt lacing—J. B. Williams & Sons, Dover, N. H.  
 ORIOLE children's carriages—Withrow Mfg. Co., 2727 Spring Grove av., Cincinnati, Ohio  
 ORIOLE gas stoves—Baltimore Gas Appliance & Mfg. Co., Bayard & Hamburg, Baltimore, Md.  
 ORIOLE kitchen enameled ware—Baltimore Stamping & Enameling Co., 909 E. Pratt, Baltimore, Md.  
 ORIOLE marine engines—Page Engineering Co., Clagett & Hull, Baltimore, Md.  
 ORIOLE tinnerns' oils—Jas. B. Macneal & Co., Warner & Wooster, Baltimore, Md.  
 ORIOLE W. P. cotton rope—Anniston Cordage Co., Anniston, Ala.  
 ORMA fruit evaporators—Stutzman Mfg. Co., Ligonier, Ind.  
 ORME safety valves—Stephens, Roe Mfg. Co., Detroit, Mich.  
 ORONOKO roofing, sheathing & building—C. B. Hewitt & Bros., 49 Beekman, New York  
 OROOFS rubber roofing—Usona Mfg. Co., Aurora, Ill.  
 ORSAT gas analysis apparatus—Emil Greiner Co., 55 Fulton, New York  
 ORTHOPEDIC rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.  
 OSBORN brick drills—Irving Mfg. & Tool Co., 157 Chambers, New York  
 OSBORN steam pumps—Virginia Foundry & Machine Co., Virginia, Minn.  
 OSBORNE binder twine—International Harvester Co. of America (Inc.), 230 Harvester bldg, Chicago, Ill.  
 OSBORNE binder & harvesters, cultivators, harrows, hay loaders, hay rakes, mowers, reapers, sickle grinders—International Harvester Company of America, Inc., 702 Harvester bldg, Chicago, Ill.  
 OSBORNE foundry molding machines, flask stripping machines—Osborne Mfg. Co., 5401 Hamilton av, N. E., Cleveland, Ohio  
 OSBORNE meat juice presses—C. S. Osborne & Co., Harrison, N. J.  
 OSBORNE transom adjusters—Boston Pressed Metal Co., 169 Union, Worcester, Mass.  
 OSBORN'S high speed steel—B. M. Jones & Co., 141 Milk, Boston, Mass.  
 OSCILLATOR mop wringers—Cardington Cabinet Co., Cardington, Ohio  
 OSCILLATOR vacuum washing machines—Kell Mfg. Co., Albert Lea, Minn.  
 OSCO routing & ruling machines; presses—paper baling & die; bench & hand punches, & paper-knife sharpeners—Osco Machine Co., 185 Franklin, Boston, Mass.



O'SHAUGHNESSY fish hook—Redifor Rod & Reel Co., Warren, Ohio  
 OSHKOSH concrete mixers, gas engines, portable sawing rigs—Oshkosh Mfg. Co., Oshkosh, Wis.  
 OSHKOSH logging tools—American Logging Tool Co., Ewart, Mich.  
 OSMAN check valves—Swenson Valve Co., Decorah, Ia.  
 OSSCO gas stoves, kitchen cabinets—Ohio State Stove Co., Columbus, Ohio  
 OSTEGO feed cutters, fruit evaporators—Babcock Mfg. Co., Leonardsville, N. Y.  
 OSTER ratchet stock & dies—Oster Mfg. Co., Cleveland, Ohio  
 OSWEGO paper cutting machines—Oswego Machine Works, Oswego, N. Y.  
 OSWEGO water tube boilers—A. D. Granger Co., 15 Park Row, New York  
 O-TAK-A tire remover tools—J. W. Crumiaux, Leroy, N. Y.  
 OTHELLO hot air furnaces—Reading Stove Wks (Orr, Painter & Co.), Reading, Pa.  
 OTIS automatic elevator doors—Standard-Tyler Co., 2436-62 W. 15th, Chicago, Ill.  
 OTIS car heating boilers—Steam Carriage Boiler Co., Oswego, N. Y.  
 OTIS elevators, moving stairways, gravity conveyors—Otis Elevator Co., 26th & 11th av, New York  
 OTIS feed water heaters—Stewart Heater Co., Buffalo, N. Y.  
 OTSEGO cultivators, potato diggers, lawn swings, steel tray barrows—Babcock Mfg. Co., Leonardsville, N. Y.  
 OTSEGO spring tooth harrows—Munnsville Plow Co., Munnsville, N. Y.  
 OTTER waterproof belting—American Belting & Tanning Co., 135 Oliver, Boston, Mass.  
 OTTO inspection cars—Otto Gas Engine Works, Phila., Pa.  
 OTTOMAN emery & corundum—H. A. Stiles & Co., 93-97 Oliver, Boston, Mass.  
 OTTOMATIC coal chutes—Church Appliance Mfg. Co., La Salle, Ill.  
 OTTOMO lubricating oils & greases—Pioneer Mfg. Co., 5220 Sweeney av, S. E. Cleveland, Ohio  
 OTT'S bark shaving mills—Benj. Otto & Sons Co., La Crosse, Wis.  
 OTTUMWA mine screens—Ottumwa Box Car Loading Co., Ottumwa, Ia.  
 OTTUMWA sash pulleys—Johnston & Sharp Mfg. Co., Ottumwa, Ia.  
 OUR FAVORITE steam heaters—R. C. Bartley Co., Bartley, N. J.  
 OUR HOME hot air furnaces—Hood Furnace & Supply Co., Corning, N. Y.  
 OUR LEADER package handles—Tie Co., Unadilla, N. Y.  
 OUR OWN fish landing nets—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.  
 OUR OWN steam & hot water heaters—Novelty Iron Co., Canton, Ohio  
 OUR PRIDE hoof parers—Champion Tool Co., Meadville, Pa.  
 OUTDOOR collars & cuffs—The Arlington Co., 725-727 Broadway, New York  
 OUTERSITE metal mouldings—Union Metal Corner Co., 1341 Columbus av, Boston, Mass.  
 OUT-OF-SIGHT lawn clothes dryers—Seed Filter & Mfg. Co., 96 Church, New York  
 OVALDUC conduit fittings, locknut bushings—Steel City Elec. Co., 1207 Washington av, Pittsburgh, Pa.  
 OVALPOLE sheet packing—Hollow Center Packing Co., 608 S. Dearborn, Chicago, Ill.  
 OVENDENS radiator foot rests—Central Supply Co., Worcester, Mass.  
 OVER ALL packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 OVERSHOT separators—J. W. Conner & Son, Orangeville, Pa.  
 OWATONNA fanning mills—Owatonna Fanning Mill Co., Owatonna, Minn.  
 OWEGO farm wagons—Champion Wagon Co., Owego, N. Y.  
 OWEN dredging & excavating buckets—Owen Bucket Co., Rockefeller bldg, Cleveland, Ohio  
 OWEN valve grinders—Stewart & Co., 171 Broadway, New York  
 OWENS fanning mills—Griffith & Turner Co., 215 N. Paca, Baltimore, Md.  
 OWENSBORO shovels, spades & scoops—Owensboro Shovel & Tool Co., Owensboro, Ky.  
 OWL cement—German-American Portland Cement Works, La Salle, Ill.  
 OWL grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

OWL pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 OWL BRAND furniture polish—Leggett & Bros., 301 Pearl, New York  
 OWL BRAND saddlery hardware—Elbel Co., Canton, Ohio  
 OWN BRAND kitchen knives—L. D. Parkhurst, Danielson, Conn.  
 OWNERS spark coils—Autocoil Co., 136-7th, Jersey City, N. J.  
 OX FIBRE horse brushes & push brooms, stove brushes—Ox Fibre Brush Co., Frederick, Md.  
 OXFORD metal polish—Crowell Chemical Co., Beverly, Mass.  
 OXFORD spring tooth harrows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 OX-OIL-OX belt dressing—F. S. Walton Co., Orthodoxy & Delaware, Philadelphia, Pa.  
 OXOLIN paint oils—Ball Chemical Co., Pittsburgh, Pa.  
 OXYOLINE ozone generators—Neel-Armstrong Co., Akron, Ohio  
 O Y L-R Y T measures, funnels—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 OZARK gas & oil stove ovens—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.  
 OZARK hammer handles—American Handle Co., Jonesboro, Ark.  
 OZARK lubricating oils & greases—Tropical Paint & Oil Co., 1224 W. 70th, Cleveland, Ohio  
 OZARK walking & riding cultivators—Kingman Plow Co., Peoria, Ill.  
 OZITE insulating compounds—Standard Underground Cable Co., Westinghouse bldg, Pittsburgh, Pa.  
 OZONE baking enamels—Chase, Roberts & Co., Long Island City, N. Y.  
 OZONITE varnish—Chase, Roberts & Co., West av, Long Island City, N. Y.

P manila rope—Portland Cordage Co., 14th & Northrup, Portland, Ore.  
 P. muffler valves—J. E. Lonergan Co., 211 Race, Phila., Pa.  
 P. A. T. iron & steel roofing—Cincinnati Sheet Metal & Roofing Co., 226 E. Front, Cincinnati, Ohio  
 P. B. drinking fountains—Peck Bros. & Co., New Haven, Conn.  
 PB farm wagons—Patterson Mfg. Co., Holly, Mich.  
 P. B. H. gauge cocks & water gauges—Paul B. Huyette Co., Betz bldg, Phila., Pa.  
 P. B. W. expansion ring couplings—Pioneer Brass Works, Indianapolis, Ind.  
 P. C. W. window anti-rattlers—P. C. W. Mfg. Co., York, Pa.  
 P. D. Q. valve grinding compounds—Motor Car Equipment Co., 55 Warren, New York  
 P. D. Q. C. pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.  
 P. J. F. stop & waste cocks—P. J. Flannery Co., New Britain, Conn.  
 P-K. expansion joints—P-K. Engineers, Syndicate Trust bldg, St. Louis, Mo.  
 P. K. incandescent cut-outs—H. T. Paiste, Arch & 32nd, Phila., Pa.  
 P R WEATHERPROOF electric bells—P R Mfg. Co., Detroit, Mich.  
 P. S. tap wrenches, spanner wrenches—Page Storms Drop Forge Co., Chicopee, Mass.  
 P. S. & W. tinners' snips & solid handle wrenches—Peck, Stow & Wilcox Co., Southington, Conn.  
 P. S. & W. SAMSON bit braces & take-down squares—Peck, Stow & Wilcox Co., Southington, Conn.  
 P. T. BERG hot metal cars—Pollock, Wm. B. Co., Youngstown, Ohio  
 P. Y. flexible metallic conduits—C. S. Knowles, Boston, Mass.  
 P. & A. tar extractors—Isbell-Porter Co., 46 Bridge, Newark, N. J.  
 P. & B. insulating paints, compounds, cloth, paper & tape—Standard Paint Co., 233 Broadway, New York  
 P. & C. asbestos packed valves, ammonia gauges, & fire hydrants—Pratt & Cady Co., Hartford, Conn.  
 P. & O. plows, cultivators, clod crushers, corn planters, harrows, potato diggers—Parlin & Orendorff Co., Canton, Ill.  
 P. & S. weatherproof sookets, pendant switches, attachment plugs, receptacles, transformer cut-outs—Pass & Seymour, Solvay, N. Y.  
 PACEMAKER belting rubber hose—Cincinnati Rubber Mfg. Co., Franklin av, Cincinnati, Ohio  
 PACE-MAKER belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.  
 PACE MAKER gas engines—Temple Mfg. Co., 22nd & S. 54th, Chicago, Ill.  
 PACIFIC automobile towing ropes—Wm. P. Jones, Oakland, Cal.



- PACIFIC coal drills—D. D. Demarest Co., San Francisco, Cal.
- PACIFIC lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
- PACIFIC powder hand seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
- PACIFIC rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- PACIFIC sad irons—Hotpoint Electric Heating Co., Ontario, Cal.
- PACIFIC safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- PACKARD incandescent electric lamps—Packard Lamps Works of G. E. Co., Warren, Ohio
- PACKARD lubricating oils & greases—Puritan Oil & Paint Co., 1244 W. 70th, Cleveland, Ohio
- PACKER ratchet drills—A. R. King Mfg. Co., Kingston, N. Y.
- PACKER ratchet drills—Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.
- PACKER ratchet drills—Oswego Tool Co., Oswego, N. Y.
- PACKHAM stove & conductor pipe crimpers—Packham Crimper Co., Mechanicsburg, Ohio
- PADDOCK water filters—Atlantic Filter Co., Marine National Bank bldg. Buffalo, N. Y.
- PAGE belt dressing—Walter C. Gold, 235 Race, Phila., Pa.
- PAGE dredging & excavating buckets—John W. Page, 189 W. Madison, Chicago, Ill.
- PAGE dumping cars—American Car & Foundry Co., Syndicate Trust bldg. St. Louis, Mo.
- PAGE scraper buckets—Page Engineering Co., 189 W. Madison, Chicago, Ill.
- PAGE wall ties & wire stretchers—Page Woven Wire Fence Co., Adrian, Mich.
- PAGE SECTIONAL steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York
- PAHLOW hose couplings—Geo. N. Newhall Eng. Co., 1421 Chestnut, Phila., Pa.
- PAINE expansion bolts—Paine Co., 140 S. Dearborn, Chicago, Ill.
- PAKRING metal packing—Locomotive Finished Material Co., Atchison, Kan.
- PALACE door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- PALACE radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
- PALACE KING hot air furnaces—International Heater Co., Utica, N. Y.
- PALACELITE kerosene oils—Great Western Oil Co., Cleveland, Ohio
- PALACE QUEEN hot air furnaces—International Heater Co., Utica, N. Y.
- PALETTE BRAND bath room fixtures, coat hooks, tumbler holders—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- PALLAS Lincrusta interior decorations—Lincrusta Works, 121 E. 24th, New York
- PALMER cast iron cleanouts, sewer traps, back water valves—Advance Mfg. Co., Erie, Pa.
- PALMER lime—Palmer Lime & Cement Co., 103 Park av, New York
- PALMER'S carriage springs—Concord Axle Co., Penacook, N. H.
- PALMER'S fish nets—C. & W. McClean Merc. Co., 415 Washington av, St. Louis, Mo.
- PALMER'S wood faucets—Crandall Bros., N. Kingsville, Ohio
- PALMETTO brush fibre—American Fibre Co., Jacksonville, Fla.
- PALMETTO floor coverings—McHenry-Millhouse Mfg. Co., South Bend, Ind.
- PALMETTO packing—H. N. Cook Belting Co., 317 Howard, San Francisco, Cal.
- PALMETTO packing—Greene, Tweed & Co., 109 Duane, New York
- PALMQUIST'S gas analysis apparatus—Elmer & Amend, 18th & 3rd av, New York
- PALMS combination sand pumps—Larkin & Co., Butler, Pa.
- PAMER packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- PANAMA belt dressing—Panama Oil & Grease Co., 159 W. 51st, New York
- PANAMA carbon paper—Manifold Supplies Co., 188 3rd av, Brooklyn, N. Y.
- PANAMA force pumps—Humphryes Mfg. Co., Mansfield, Ohio
- PANAMA padlocks—Slaymaker Lock Co., Lancaster, Pa.
- PANAMA road machines & graders, portable cranes—F. B. Zeig Mfg. Co., Fredericktown, Ohio
- PANAMA walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
- PAN AMERICAN fire extinguishers—N. L. Snyder & Son, 9 N. 4th, Phila., Pa.
- PANTASOTE artificial leather—Pantasote Co., 11 Broadway, New York
- PANTHER tread rubber heels—Panther Rubber Mfg. Co., Stoughton, Mass.
- PAOWNYC car window fixtures—O. M. Edwards Co., Syracuse, N. Y.
- PARA roofing cements—A. Wilhelm Co., Reading, Pa.
- PARA rubber hose—Thermoid Rubber Co., Trenton, N. J.
- PARABESTO packing—General Asbestos Rubber Co., Charleston, S. C.
- PARAC rubber covered wire—Philips Insulated Wire Co., Pawtucket, R. I.
- PARACOTE felt roofing—Chatfield Mfg. Co., 74a Lebanon, Carthage, Cincinnati, Ohio
- PARADOX reamers—Cleveland Twist Drill Co., 4900 Lakeside av, N. E., Cleveland, Ohio
- PARADOX screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.
- PARADUX felt roofing—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.
- PARAGOL core oils, rubber substitutes—Corn Products Refining Co., 17 Battery pl, New York
- PARAGON anvils—Horace T. Potts & Co., 318 W. 3rd, Phila., Pa.
- PARAGON ball wicking—R. Bishop Mfg. Co., 157 W. 6th, South Boston, Mass.
- PARAGON belt dressing—Montgomery Bros., 45 S. 2nd, Phila., Pa.
- PARAGON boiler couplings—Trenton Brass & Machine Co., Trenton, N. J.
- PARAGON box straps—American Steel Goods Co., 275 Water, New York
- PARAGON cold saw cutting-off machines—Tindel-Morris Co., Eddvstun, Pa.
- PARAGON dumb waiters—Storm Mfg. Co., 50 Vesey, Newark, N. J.
- PARAGON emery wheel dressers—Chicago Wheel & Mfg. Co., 1101 Monroe, Chicago, Ill.
- PARAGON emery wheel dressers—Curtin-Hebert Co., Gloversville, N. Y.
- PARAGON end gate seeders—Bristol & Gale Co., 158 Carroll av, Chicago, Ill.
- PARAGON engineers' oiling sets—Consolidated Fruit Jar Co., New Brunswick, N. J.
- PARAGON engineers' oiling sets—Gero Mfg. Co., Gaul & Adams, Phila., Pa.
- PARAGON fire extinguishers—Jas. Boyd & Bro., 25th & Wharton, Phila., Pa.
- PARAGON fire hose—Eureka Fire Hose Mfg Co., 13 Barclay, New York
- PARAGON fly traps—Reynolds Wire Co, Dixon, Ill.
- PARAGON ground cones—Paragon Electric Co., 9 S. Clinton, Chicago, Ill.
- PARAGON hot air furnaces, steam heaters—Isaac A. Sheppard & Co., Erie av & Sepviva, Phila., Pa.
- PARAGON insulating tape—General Electric Co., Schenectady, N. Y.
- PARAGON knife switchers—Geo. Cutter Co., South Bend, Ind.
- PARAGON laundry stoves, tank heaters—Detroit Stove Works, Detroit, Mich.
- PARAGON lavatory legs—Paragon Brass Mfg. Co., Pittsburgh, Pa.
- PARAGON lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.
- PARAGON lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- PARAGON machine molded gears—Evans Stamping & Plating Co., Taunton, Mass.
- PARAGON oil lamps—R. E. Dietz Co., 60 Laight, New York
- PARAGON packing—Empire Tire & Rubber Corp., East Trenton, N. J.
- PARAGON paint & white wash spraying machines—F. & F. Koenigkramer, 1914 Western av, Cincinnati, Ohio
- PARAGON paints & enamels—Lincoln Paint & Color Co., Lincoln, Nebr.
- PARAGON pliers & nippers—Wm. Scholborn Co., New Haven, Conn.
- PARAGON riding listers—Kingman Plow Co., Peoria, Ill.
- PARAGON screw plates & taps—S. W. Card Mfg. Co., Mansfield, Mass.
- PARAGON shades & reflectors—American Reflector & Lighting Co., 517 W. Jackson blvd, Chicago, Ill.
- PARAGON shoe blacking & polishes—Frank Miller Co., 349 W 26th, New York
- PARAGON shoe lasts & stands—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
- PARAGON sickle grinders—Walter A. Wood Mower & Reaper Machine Co., Hoosick Falls, N. Y.
- PARAGON steam & hot water heaters—Sheppard Isaac A. Co., Erie av & Sepviva, Phila., Pa.



- PARAGON turpentine—Thomas Sealy, 138 Front, New York
- PARAGON twist drills—Cleveland Twist Drill Co., 4900 Lakeside av, N. E. Cleveland, Ohio
- PARAGON DE LUXE garment hangers—Hampton Toy Co., Westfield, Mass.
- PARA-KON safety razors—Arnold Co., Reading, Pa.
- PARALLEL comealongs—Eureka Co., North East, Pa.
- PARALYZER clod crushers—Moline Plow Co., Moline, Ill.
- PARAMO packing—Revere Rubber Co., 60 High, Boston, Mass.
- PARAMOUNT babbitt metal—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
- PARAMOUNT cotton hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- PARAMOUNT gas engines, gasoline traction engines—Nat'l Pulley & Mfg. Co., Webster bldg, Chicago, Ill.
- PARAMOUNT motor cycles—Paramount Motor Co., Columbus, Ohio
- PARANITE insulated wire—Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.
- PARA-STEEL reflectors—Wheeler Reflector Co., 156 Pearl, Boston, Mass.
- PARATAX rubber roofing—Usona Mfg. Co., Aurora, Ill.
- PARENITE rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
- PAR EXCELLENCE sad irons—Dover Mfg. Co., Canal Dover, Ohio
- PARIAN glass shades—Gill Bros. Co., Steubenville, Ohio
- PARINE waterproofing materials—F. W. Bird & Son, East Walpole, Mass.
- PARIPAN enamels—W. H. S. Lloyd Co., 105 W. 40th, New York
- PARIS broom corn harvesters—Paris Foundry & Machine Works, Paris, Ill.
- PARIS crepe paper napkins—Tuttle Press Co., Appleton, Wis.
- PARK lawn sprinklers—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
- PARKER air compressors—Brunner Mfg. Co., Utica, N. Y.
- PARKER corner bead—Sharon Steel Hoop Co., Sharon, Pa.
- PARKTR expansion bolts—Parker Supply Co., 785 E. 135th, New York
- PARKER governor pulleys—Brownwall Engine & Pulley Co., Lansing, Mich.
- PARKER harrows & pulverizers, portable presses tobacco screws—Ripley Foundry & Machine Co., Ripley, Ohio
- PARKER marine engines—G. J. Emeny Co., Fulton, N. Y.
- PARKER mine car wheels—Eagle Iron Works, Des Moines, Ia.
- PARKER pipe vises—Oswego Tool Co., Oswego, N. Y.
- PARKER pumping jacks—Brownwall Engine & Pulley Co., Lansing, Mich.
- PARKER shot guns—Parker Bros., Meriden, Conn.
- PARKER water tube boilers—Parker Boiler Co., Pennsylvania bldg, Phila., Pa.
- PARKHURST burr pickers—Brown Cotton Gin Co., New London, Conn.
- PARKHURST burr pickers—Curtis & Marble Machine Co., Worcester, Mass.
- PARK'S Fdy molding machines—A. Buch's Sons Co., Elizabethtown, Pa.
- PARK'S self-hardening steel—Crucible Steel Co. of America, Pittsburgh, Pa.
- PARLIN corn planters—Parlin & Orendorff Co., Canton, Ill.
- PAR-LOCK mastic roofing—Union Products Co., Cleveland, Ohio
- PARLOR CITY candy counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.
- PARMACO oil well packers—Parkersburg Machine Co., Parkersburg, W. Va.
- PARMALEE ratchet wrenches—Parmalee Wrench Co., 2515 E. Monroe, Chicago, Ill.
- PARMENTER car fenders & wheel guards—Parmenter Fender & Wheel Guard Co., 89 State, Boston, Mass.
- PAROID car roofing—Bird & Son, East Walpole, Mass.
- PAROLE oil cups—Wm. Powell Co., Cincinnati, Ohio
- PAROLINE motor oil—Bayerson Oil Works, Erie, Pa.
- PAROWAX paraffine wax—Standard Oil Co. of N. Y., 555 W. 25th, New York
- "PARR"—calorimeters—Standard Calorimeter Co., East Moline, Ill.
- PARRETT gasoline & kerosene traction engines—Parrett Tractor Co., 343 S. Dearborn, Chicago, Ill.
- PARRETT traction gasoline engines—Weber & Damme Wagon Co., 1621 B'way, St. Louis, Mo.
- PARROTT metal polish—Cudahy Packing Co., 111 W. Monroe, Chicago, Ill.
- PARROTT varnish, paint & varnish remover—Parrott Varnish Co., Bridgeport, Conn.
- PARRY automobile truck trailers—Parry Mfg. Co., Indianapolis, Ind.
- PARSON'S fue cleaners, gas exhausters, tar burners—Parsons Mfg. Co., 149 Broadway, New York
- PARSON'S manganese bronze alloys—Wm. Cramp & Sons Ship & Eng. Bldg. Co., Beach & Ball, Phila., Pa.
- PARSON'S manganese bronze castings—Wm. Highton & Sons Co., Nashua, N. H.
- PARSON'S manganese bronze castings—Rock Island Metal Foundry, 505 41st, Rock Island, Ill.
- PARSON'S manganese bronze ingots, rods, sheets—Wm. Cramp & Sons, Ship & Engine Building Co., Phila., Pa.
- PARSON'S self-feeders & band cutters—Aultman & Taylor Machinery Co., Mansfield, Ohio
- PARSON'S self-feeders & band cutters—Maytag Co., Newton, Ia.
- PARSON'S sewer & trench & excavating machines—G. W. Parsons Co., Newton, Ia.
- PARTINE parting compounds—Foundry Specialty Co., Cincinnati, Ohio
- PARTRIDGE tool grinders—Edw. O. Partridge, 2047 Lake, Chicago, Ill.
- PARTZ circuit batteries—S. S. White Dental Mfg. Co., 1130 Chestnut, Phila., Pa.
- PASSAIC auger bits—C. E. Jennings & Co., 71 Murray, New York
- PASSAIC shaft tips—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- PASTELLE glass shades—Consolidated Lamp & Glass Co., Coropolis, Pa.
- PASTIME clothes washing machines—Maytag Co., Newton, Ia.
- PASTIME lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- PASTRY flour sieves—Roseland Can & Specialty Co., Rockford, Ill.
- PATAPSCO rule stoves—A. Weiskittel & Son, 12th & E. Lombard, Baltimore, Md.
- PATCH grate bars—S. B. Patch & Sons Co., Streator, Ill.
- PATER NOSTER shock absorbers—Herz & Co., 245 W. 55th, New York
- PATHFINDER acetylene mine lamps—Hughes Bros., Scranton, Pa.
- PATRIOT steam heaters—Boynton Furnace Co., 106 W. 37th, New York
- PATROL fire extinguishers—American-La France Fire Engine Co., Elmira, N. Y.
- PATROL fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York
- PATTEE cultivators—Pattee Plow Co., Monmouth, Ill.
- PATTEE cultivators—Roderick Lean Mfg. Co., Mansfield, Ohio
- PATTEN electric hoists—Patten Mfg. Co., Chattanooga, Tenn.
- PATTERN metal numbers—Shanafelt Mfg. Co., Canton, Ohio
- PATTERSON drilling machine vises—Patterson Tool & Supply Co., Dayton, Ohio
- PATTERSON junction boxes, flush plugs—Stanley & Patterson, 23 Murray, New York
- PATTERSON lustre polish—Patterson Lubricating Co., 114 Broad, Boston, Mass.
- PATTERSON sliding motion sifters—Patterson Foundry & Machine Co., East Liverpool, Ohio
- PATTERSON tackle blocks—Pittsburgh Block & Mfg. Co., N. S., Pittsburgh, Pa.
- PATTERSON-BERRYMAN feed water heaters, steam separators—Frank L. Patterson & Co., 26 Cortlandt, New York
- PATTON'S shingle stains, paints & varnish remover, iron fillers—Patton Paint Co., Milwaukee, Wis.
- PAUL air compressors, pneumatic pumps—Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.
- PAUL air valves, steam traps, vacuum heating—Andrew G. Paul Co., 131 State, Boston, Mass.
- PAUL air valves, vacuum heating valves—Jas. P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
- PAUL KLUG wool finishing machines—L. H. A. Schwartz & Co., 40 Central, Boston, Mass.
- PAULL'S tubular lanterns, kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
- PAULUS self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- PAULY cement sewer pipe machinery—Concrete Stone & Sand Co., Youngstown, Ohio



PAWNEE belting—Cincinnati Rubber Mfg. Co., Franklin av., Cincinnati, Ohio  
 PAXSON-COLLIAU foundry cupolas—J. W. Paxson Co., 1021 N. Delaware av., Phila., Pa.  
 PAXSON-WARREN sand blast machines—J. W. Paxson Co., 1021 N. Delaware av., Phila., Pa.  
 PAYSON furniture casters—Payson Mfg. Co., 2918 W. Jackson blvd., Chicago, Ill.  
 PAY-WITHIN street cars—Electric Service Supply Co., 17th & Cambria, Phila., Pa.  
 PAYZANT show card printing pens—Keuffel & Esser, Hoboken, N. J.  
 PEACE weather strips—Niagara Metal Weather Strip Co., 33 W. Tupper, Buffalo, N. Y.  
 PEACEMAKER clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.  
 PEACH base balls, base ball bats, base ball masks—J. A. Peach, Gloversville, N. Y.  
 PEACH BOTTOM roofing slate—Auld & Conger Co., 942 Prospect, Cleveland, Ohio  
 PEACOCK electric car brakes—National Brake Co., Buffalo, N. Y.  
 PEANO-INTERNATIONAL binder twine—International Harvester Co. of America (Inc.), 230 Harvester bldg., Chicago, Ill.  
 PEARCE rules—Chapin-Stephens Co., Pine Meadow, Conn.  
 PEARL lemon squeezers—L. C. Williams Co., Ravenna, Ohio  
 PEARL lubricators—American Lubricator Co., Detroit, Mich.  
 PEARL stoves—Knox City Iron Works, Knoxville, Tenn.  
 PEARL wire cloth—Gilbert & Bennett Mfg. Co., Georgetown, Conn.  
 PEARLITE case hardening compounds—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.  
 PEARSON expansion joints—Coldwell-Wilcox Co., Newburgh, N. Y.  
 PEARSON jacks—Pearson Jack Co., 185 Franklin, Boston, Mass.  
 PEARSON nailing tools—E. Martin Pearson, Robbinsdale, Minn.  
 PEARSON neck yokes, neck yoke centers—National Neck Yoke Co., Rock Island, Ill.  
 PEARSON CYCLONE spike pullers—Chas. Morrill, 100 Lafayette, New York  
 PEASE apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.  
 PEASE combination pliers—Mechanical Specialties Co., 122 S. Michigan av., Chicago, Ill.  
 PEASE fanning mills—Marseilles Co., East Moline, Ill.  
 PEASE tobacco cutting machines—Buckeye Iron & Brass Works, Dayton, Ohio  
 PEASE venetian blinds—Foster-Munger Co., 1404 W. 37th, Chicago, Ill.  
 PEAVEY axes, canthooks, cant-dogs—Peavey Mfg. Co., Bangor, Me.  
 PEBCO steam heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 PECK automobile lamps—Scoville-Peck Co., New Haven, Conn.  
 PECK carriers—Link-Belt Co., 39th & Stewart av., Chicago, Ill.  
 PECKHAM car trucks—E. G. Long Co., 50 Church, New York  
 PECK-HAMMOND hot air furnaces—Williamson Heater Co., 339 W. 5th, Cincinnati, Ohio  
 PECK'S auger handles—Peck, Stow & Wilcox Co., Southington, Conn.  
 PECK'S calipers & dividers—West Haven Mfg. Co., West Haven, Conn.  
 PECK'S wing dividers—Wm. Highton & Sons Co., Nashua, N. H.  
 PECO fuel oil burners—Production Engineering Co., 1716 Spring Garden, Phila., Pa.  
 PECORA paint—Pecora Paint Co., 4th st & P. & R., Phila., Pa.  
 PEDRICK & AYER pneumatic riveters—Hanna Engineering Works, 2059 Ellston av., Chicago, Ill.  
 PEDRO rubber hose—Republic Rubber Co., Youngstown, Ohio  
 PEDRO toilet paper—Northern Paper Mills, Green Bay, Wis.  
 PEEKAY metal polish—Pride of the Kitchen Co., 290 Smith, Brooklyn, N. Y.  
 PEEL brick ovens—American Oven & Machine Co., 111 W. Washington, Chicago, Ill.  
 PEELE elevator gates, folding doors—Peele Co., 123 Liberty, New York  
 PEER-O-DAY incubators & brooders—E. F. Hodgson Co., Dover, Mass.  
 PEERLESS air washers—New York Blower Co., Archer av & Canal, Chicago, Ill.  
 PEERLESS aqua & anhydrous ammonia—National Ammonia Co., 3600 N. Broadway, St. Louis, Mo.  
 PEERLESS ash & garbage cans, ash sieves—Geo. W. Diener Mfg. Co., 400 Monticello av., Chicago, Ill.

PEERLESS atomizers—Hospital Rubber Co., Attleboro, Mass.  
 PEERLESS axes—American Axe & Tool Co., Glassport, Pa.  
 PEERLESS axes—Dunn Edge Tool Co., Oakland, Me.  
 PEERLESS barn door hangers—Lawrence Bros., Sterling, Ill.  
 PEERLESS beef hoists—W. C. Treece & Co., Findlay, Ohio  
 PEERLESS bell bottom jacks—New London Vise Works, New London, Conn.  
 PEERLESS belt dressing, boiler compounds—O. F. Zurn Co., Broad & Lehigh av., Phila., Pa.  
 PEERLESS belt lacing—California Tanning Co., 1905 Shenandoah av., St. Louis, Mo.  
 PEERLESS boat cushions—Pneumatic Mfg. Co., 526 17th, Brooklyn, N. Y.  
 PEERLESS can openers—Bradley & Farnham, Middlefield, Conn.  
 PEERLESS can openers—John H. Graham & Co., 113 Chambers, New York  
 PEERLESS carbon paper—E. A. Brecher & Co., 119 Lafayette, New York  
 PEERLESS carpet nails—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 PEERLESS carpet sweepers—National Sweeper Co., Torrington, Conn.  
 PEERLESS carriage fasteners—Metal Stamping Co., 13th, Long Island City, N. Y.  
 PEERLESS carriage fasteners—F. A. Neider, Augusta, Ky.  
 PEERLESS carving lathes—Valley City Machine Works, Grand Rapids, Mich.  
 PEERLESS cement—Peerless Portland Cement Co., Union City, Mich.  
 PEERLESS cement brick machines—Peerless Brick Machine Co., Minneapolis, Minn.  
 PEERLESS chain hoists—Edwin Harrington, Son & Co., 17th & Callowhill, Phila., Pa.  
 PEERLESS check protectors—Peerless Check Protecting Co., Rochester, N. Y.  
 PEERLESS check writing machines—Todd Protectograph Co., 1050 University av., Rochester, N. Y.  
 PEERLESS clothes line reels—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.  
 PEERLESS clothes washing machines—Michigan Washing Machine Co., Muskegon, Mich.  
 PEERLESS cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.  
 PEERLESS coffee roasters—M. Lally & Co., 29 W. 3rd, Cincinnati, Ohio  
 PEERLESS coffee & spice—Wrightsville Hardware Co., Wrightsville, Pa.  
 PEERLESS corkscrews—Smith & Hemenway Co., 76 Chambers, New York  
 PEERLESS corn husking machines—Peerless Husker Co., 82 Terrace, Buffalo, N. Y.  
 PEERLESS counting machines—J. E. Sheppard Co., Worcester, Mass.  
 PEERLESS crayons—Stanley Doggett, 11 Cliff, New York  
 PEERLESS cultivators—Greenville Implement Co., Greenville, Mich.  
 PEERLESS cultivators, feed cutters—Thornburg Mfg. Co., Bowling Green, Ohio.  
 PEERLESS curb service boxes—Modern Iron Works, Quincy, Ill.  
 PEERLESS cutting & drilling compounds—Racine Tool & Machine Co., Racine, Wis.  
 PEERLESS display racks—Indianapolis Corrugating Co., Indianapolis, Ind.  
 PEERLESS door mats—D. A. Hinman & Co., Sandwich, Ill.  
 PEERLESS dynamite—Independent Powder Co. of Missouri, Joplin, Mo.  
 PEERLESS dynamos & motors, electric portable fans—Peerless Electric Co., Warren, Ohio  
 PEERLESS electrical testing instruments, photometers, pyrometers, tachometers, thermometers—Thompson-Levering Co., 246 Arch, Phila., Pa.  
 PEERLESS enamels—Akron Varnish Co., Akron, Ohio  
 PEERLESS exhaust heads—Ambrose Machine Co., Provost, Brooklyn, N. Y.  
 PEERLESS fanning mills—Johnson & Field Mfg. Co., Racine, Wis.  
 PEERLESS fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York  
 PEERLESS fire hydrants—Macungie Brass & Mfg. Co., Macungie, Pa.  
 PEERLESS fireplace dampers—Peerless Mfg. Co., Louisville, Ky.  
 PEERLESS fly traps—National Mfg. Co., Worcester, Mass.  
 PEERLESS folding seats—Fernald Mfg. Co., North East, Pa.  
 PEERLESS folding seats—Metal Stamping Co., 13th, Long Island City, N. Y.



PEERLESS foundry chaplets—Hill & Griffith Co., 1262 State av, Cincinnati, Ohio  
 PEERLESS friction clutches—Essmuller Mill Furnishing Co., 1222 S. 8th, St. Louis, Mo.  
 PEERLESS fruit pickers—Woods-Sherwood Co., Worcester, Mass.  
 PEERLESS furnace pipe & fittings—Wilbur S. Steele Co., Hartford, Conn.  
 PEERLESS garage floor drains—Compound Injector & Specialty Co., 419 N. Laramie av, Chicago, Ill.  
 PEERLESS garment hangers—E. B. Estes & Sons, 358 5th av, New York  
 PEERLESS garment hangers—Hincer Mfg. Co., Washington, Ind.  
 PEERLESS gas heaters—Peerless Heater Co., 177 N. State, Chicago, Ill.  
 PEERLESS gas sad irons—Economic Percolator Co., 265 Broadway, New York  
 PEERLESS gas stoves—Peerless Stove & Range Co., Columbus, Ohio  
 PEERLESS gaskets, gas main bags, packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 PEERLESS gasoline sad irons—Tures Mfg. Co., Milwaukee, Wis.  
 PEERLESS glazier's points—Austin & Eddy, 117 Broad, Boston, Mass.  
 PEERLESS glaziers' putty—John Briggs & Co., 47 Purchase, Boston, Mass.  
 PEERLESS glue—Magnet Cement & Dressing Co., Primos, Pa.  
 PEERLESS grate bars—MacKinnon Boiler & Machine Co., 218 N. Water, Bay City, Mich.  
 PEERLESS grease extractors, steam separators, steam traps—Hussey, McCann & Co., 87 Warren, New York  
 PEERLESS handcuffs—Peerless Handcuff Co., Springfield, Mass.  
 PEERLESS harrow carts—Peoria Drill & Seeder Co., Peoria, Ill.  
 PEERLESS hay fork pulleys, hay carriers—Hunt, Helm Ferris & Co., Harvard, Ill.  
 PEERLESS heaters—Peerless Heater Co., Pittsburgh, Pa.  
 PEERLESS hot air furnace tops—Wilbur S. Steele Co., Hartford, Conn.  
 PEERLESS incandescent electric lamps—Peerless Lamp Works of G. E. Co., Warren, Ohio  
 PEERLESS incandescent gas lamps, indestructo incandescent gas mantles—Peerless Light Co., 174 W. Randolph, Chicago, Ill.  
 PEERLESS incubators & brooders—H. M. Sheer Co., Quincy, Ill.  
 PEERLESS jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.  
 PEERLESS kitchen boilers—John F. Binder, 6 W. Lake, Chicago, Ill.  
 PEERLESS lamp guards—Frank W. Morse, 293 Congress, Boston, Mass.  
 PEERLESS lanterns—Iddings Co., Warren, Ohio  
 PEERLESS lawn swings—Challenge Co., Batavia, Ill.  
 PEERLESS leather wheels—Pflegher Hardware Specialty Co., New Haven, Conn.  
 PEERLESS lubricating oils & greases—Geo. A. Haws, 142 Front, New York  
 PEERLESS metal polish—Colgan Mfg. & Supply Co., 118 Maiden la, New York  
 PEERLESS metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.  
 PEERLESS meter seals—United Seal Co., 239 S. Pearl, Columbus, Ohio  
 PEERLESS nickel salts—Wm. T. Finkell, 103 Maiden la, New York  
 PEERLESS oil & grease cups—W. D. Allen Mfg. Co., 151 Lake, Chicago, Ill.  
 PEERLESS paint cans—Manufacturers' Can Co., 426 Mulberry, Newark, N. J.  
 PEERLESS paint & varnish remover—Brooklyn Varnish Mfg. Co., 35 Nostrand av, Brooklyn, N. Y.  
 PEERLESS paper doilies—Milwaukee Lace Paper Co., Milwaukee, Wis.  
 PEERLESS pipe cutting & threading machines—Bignall & Keeler Machine Works, Edwardsville, Ill.  
 PEERLESS pipe grips—Prentiss Vise Co., 106 Lafayette, New York  
 PEERLESS plowing attachments—Emerson-Brantingham Co., Rockford, Ill.  
 PEERLESS portable drilling machines—Cincinnati Electrical Tool Co., Cincinnati, Ohio  
 PEERLESS potato planters—Potato Implement Co., Traverse City, Mich.  
 PEERLESS power hammers—Beaudry & Co., 141 Milk, Boston, Mass.  
 PEERLESS radiators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 PEERLESS ready roofing—American Roofing Co., Kansas City, Mo.

PEERLESS rubber covered wire—Indiana Rubber & Insulated Wire Co., P. O. Box 192, Jonesboro, Ind.  
 PEERLESS rubber horse shoes—Peerless Rubber Horseshoe Co., 1014 S. Kildare av, Chicago, Ill.  
 PEERLESS rubber type—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.  
 PEERLESS rubber vulcanizers—J. F. W. Dorman Co., 526 N. Calvert, Baltimore, Md.  
 PEERLESS saw gummers—J. W. Mixer Saw Tool Co., Plymouth, Mass.  
 PEERLESS seed corn dryers—Bain Bros. Mfg. Co., Cedar Rapids, Ia.  
 PEERLESS shoe blacking & polishes—Frank Miller Co., 349 W. 26th, New York  
 PEERLESS shoe factory electric heating & ironing outfits—Boston Last Co., 44 Binford, Boston, Mass.  
 PEERLESS sink brackets—Berger Specialty Co., Richmond, Va.  
 PEERLESS smoked beef slicing machines—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.  
 PEERLESS smokeless gun powder—Robin Hood Ammunition Co., Swanton, Vt.  
 PEERLESS soldering paste—Solderall Co., 143 Liberty, New York  
 PEERLESS spray pumps—Brandt Mfg. Co., Minneapolis, Minn.  
 PEERLESS squaring shears—Ewert & Kutschei, 3108 S. Halsted, Chicago, Ill.  
 PEERLESS steam heaters—R. Munroe & Sons Mfg. Corp., Pittsburgh, Pa.  
 PEERLESS stove pipe & elbows—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.  
 PEERLESS stoves—Grinberg Bros., 154 South, New York  
 PEERLESS table mats—Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.  
 PEERLESS tallow—Consolidated Rendering Co., Boston, Mass.  
 PEERLESS toys, games & novelties—Bogert & Hopper Co., 67 Barclay, New York  
 PEERLESS transformers—Enterprise Elec. Co., Warren, Ohio  
 PEERLESS transmission chains—Peerless-V-Belt Co., 608 S. Dearborn, Chicago, Ill.  
 PEERLESS trolley bases—Trolley Supply Co., Canton, Ohio  
 PEERLESS trolley catchers & retrievers—Electric Service Supplies Co., 17th & Cambria, Phila., Pa.  
 PEERLESS valve & service boxes—Modern Iron Works, Quincy, Ill.  
 PEERLESS valves—Haydenville Co., Haydenville, Mass.  
 PEERLESS vises—Fulton Machine Co., Lowville, N. Y.  
 PEERLESS window cleaners—Standard Cleaner Co., 122 S. Michigan av, Chicago, Ill.  
 PEERLESS window hay loaders—Thomas Mfg. Co., Springfield, Ohio  
 PEERLESS window scheens—Maine Screen Co., Fairfield, Me.  
 PEERLESS wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.  
 PEERLESS wooden barrows—Frank R. Prescott, Meredith, N. H.  
 PEERLESS woven wire fences—Peerless Wire Fence Co., Adrian, Mich.  
 PEERLESS-V automobile chains—Peerless-V Belt Co., 608 S. Dearborn, Chicago, Ill.  
 PEERLESS WHITE granite—Woodbury Granite Co., Hardwick, Vt.  
 PEIRCE brick & stone drills for expansion bolts—Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 PEIRCE clamp pins, electric house brackets—Hubbard & Co., 63rd & Butler, Pittsburgh, Pa.  
 PEKIN farm wagons—Pekin Wagon Co., Pekin, Ill.  
 PELICAN nail pullers—Miller's Falls Co., 28 Warren, New York  
 PELLA hay stackers—Garden City Feeder Co., Pella, Ia.  
 PELTON water wheels—Walker Mfg. Co., Denver, Colo.  
 PEMCO arc lamps, arc lamp brackets, commutator bars, electric lamp hoods, fuse boxes, lock-nuts, washers, trolley wire hangers, street fixtures & strain insulators—Philadelphia Electrical & Mfg. Co., 1232 N. 31st, Phila., Pa.  
 PENBERTHY boiler injectors, engine lubricators, oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.  
 PENCE automobile wind shields—Pence Automobile Co., Minneapolis, Minn.  
 PENCO metal lath, metallic shingles, steel ceilings, steel corner beads, fire proof metal doors—Penn. Metal Co., 201 Devonshire, Boston, Mass.



- PEN-DAR metallic filing cabinets, steel shelving, tool cabinets—Edw. Darby & Sons Co., 239 Arch, Phila., Pa.
- PEN DAR refuse burners—Pennsylvania Wire Works, 235 Arch, Phila., Pa.
- PENDULUM hand washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
- PENGUIN oil cups—Wm. Powell Co., Cincinnati, Ohio
- PENINSULAR carriage fasteners—Heaton Peninsular Button Fastener Co., 65 Shirley, Boston, Mass.
- PENINSULAR cement—Peninsular Portland Cement Co., Cement City, Mich.
- PENINSULAR paint & varnish remover—Peninsular Paint & Varnish Co., Detroit, Mich.
- PENINSULAR rubber hose—Empire Tire & Rubber Co., East Trenton, N. J.
- PENN. belt dressing—Penna. Lubricating Co., 34th & A. V. R. R., Pittsburgh, Pa.
- PENN car couplers—McConway & Torley Co., Pittsburgh, Pa.
- PENN cutting oils—Penn Oil & Supply Co., Ltd., Oil City, Pa.
- PENN engine & machine oilers—Penn Oiler Co., 250 Fulton, New York
- PENN gas burners—Odin Stove Mfg. Co., Erie, Pa.
- PENN metal lath—Penn Metal Ceiling & Roofing Co., 23rd & Hamilton, Phila., Pa.
- PENN padlocks—Slaymaker Lock Co., Lancaster, Pa.
- PENN safety razors—A. C. Penn., 100 Lafayette, New York
- PENN transom lifts—Penn Hardware Co., Reading, Pa.
- PENN trolley track door hangers—Sharon Hardware Mfg. Co., Sharon, Pa.
- PENN unions—Kelly & Jones Co., Pittsburgh, Pa.
- PENN vises—Hollands Mfg. Co., 352 E. 18th, Erie, Pa.
- PENN-ALLEN cement—Penn-Allen Cement Co., Allentown, Pa.
- PENNA comealongs—B.-R. Electric & Tel. Mfg. Co., Kansas City, Mo.
- PENN gas stoves—Penna Furnace & Stove Co., Warren, Pa.
- PENNA hot air furnaces, gas soldering furnaces—Penna. Furnace Stove Co., Warren, Pa.
- PENNA. BRADFORD can cleaner—Penn. Crusher Co., Stephen Girard bldg, Phila., Pa.
- PENNANT canvas stitched belting—Olmstead-Flint Co., Lawrence, Mass.
- PENNANT cotton hose—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
- PENNANT lawn mowers—American Lawn Mower Co., Muncie, Ind.
- PENNANT oil pump lubricators—Wm. Powell Co., Cincinnati, Ohio
- PENNELL fish hook—Redifor Rod & Reel Co., Warren, Ohio
- PENNIE back water valves—Kennedy Valve Mfg. Co., Elmira, N. Y.
- PENNINGTON harrows & pulverizers—Towers & Sullivan Mfg. Co., Rome, Ga.
- PENNINGTON turbine pumps—Vulcan Iron Works Co., Denver, Colo.
- PENNOCK angle benders—American Road Machinery Co., Kennett sq., Pa.
- PENNSYLVANIA cement—Pennsylvania Cement Co., 30 E. 42nd, New York
- PENNSYLVANIA fanning mills, feed cutters, root cutters—A. Buch's Sons Co., Elizabethtown, Pa.
- PENNSYLVANIA fruit pickers—Edw. Darby & Sons Co., 239 Arch, Phila., Pa.
- PENNSYLVANIA fruit pickers—D. A. Wedmore & Co., Camden, N. J.
- PENNSYLVANIA grain drills, spring tooth harrows, traction engines—A. B. Farquhar Co., York, Pa.
- PENNSYLVANIA lawn mowers, lawn trimmers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.
- PENNSYLVANIA pneumatic tires, pump valves, rubber tile—Pennsylvania Rubber Co., Jeannette, Pa.
- PENNSYLVANIA stone pulverizers—Pennsylvania Crusher Co., Stephen Girard bldg, Phila., Pa.
- PENNSYLVANIA threshers—Heebner & Sons, Lansdale, Pa.
- PENN-TITIAN sash pulleys—Penn. Hardware Co., Reading, Pa.
- PEN-PERFECT apple parers—Penn. Hardware Co., Reading, Pa.
- PENTANE photometer lamps—American Meter Co., 11th av & 47th, New York
- PENTICOST steam heaters—Allen Fire Dept. Supply Co., 159 Aborn, Providence, R. I.
- PEORIA eaves-trough hangers—Clark-Smith Hardware Co., Peoria, Ill.
- PEORIA gas heaters—Culter & Proctor Stove Co., Peoria, Ill.
- PEORIA harrow attachments, end gate seeders, portable grain elevators—Peoria Drill & Seeder Co., Peoria, Ill.
- PEORIA traction engines—Peoria Tractor Co., Peoria, Ill.
- PEPEROID catalog envelopes—Alvah Bushnell Co., 927 Filbert, Phila., Pa.
- PEPPER POD lubricators—Michigan Lubricator Co., Detroit, Mich.
- PEQUOT steam & hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.
- PER-BONA insulating paper—Lehon Co., W. 45th & S. Western av, Chicago, Ill.
- PERCOPROOF waterproofing materials—Carey Philip Mfg. Co., Lockland, Ohio
- PERFECT annunciators—Electric Goods Mfg. Co., Canton, Mass.
- PERFECT apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
- PERFECT arc lamp clutches—Phila. Electrical & Mfg. Co., 2011 Market, Phila., Pa.
- PERFECT automatic air valves—W. A. Russell & Co., 63 W. 37th, New York
- PERFECT automatic grapple forks—F. E. Myers & Bro., Ashland, Ohio
- PERFECT automobile wind shields—Fellweck Automobile & Mfg. Co., Evansville, Ind.
- PERFECT barrel swings—Upton & Gilman Machine Co., Lowell, Mass.
- PERFECT boiler flue & tube cleaners—Hilts Wrench & Mfg. Co., Richford, N. Y.
- PERFECT brake wheels—Dayton Mall Iron Co., Dayton, Ohio
- PERFECT bronze wire cloth, fly traps—Ludlow-Saylor Wire Co., Newstead av cor Wabash R. R., St. Louis, Mo.
- PERFECT broom holders, garment hangers, cattle dehorners, hog ringers, roofing tongs—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- PERFECT can openers—Cron & Carrier Mfg. Co., Elmira, N. Y.
- PERFECT car trucks—J. G. Brill Co., 62nd & Woodland av, Phila., Pa.
- PERFECT carriage fasteners—C. Cowles & Co., New Haven, Conn.
- PERFECT carriage fasteners—Crandal, Stone & Co., Binghamton, N. Y.
- PERFECT cattle guards—Kalamazoo Railway Supply Co., Kalamazoo, Mich.
- PERFECT clinching hose couplings—Central Brass & Stamping Co., Peoria, Ill.
- PERFECT clothes line pulleys—C. L. Blodgett Mfg. Co., San Francisco, Cal.
- PERFECT cupboard catches—Automatic Door Catch Co., Harvey, Ill.
- PERFECT currycombs—Wisconsin Metal Products Co., Racine, Wis.
- PERFECT disc harrows—Bucher & Gibbs Plow Co., Canton, Ohio
- PERFECT dish drainers—Hamblin & Russell Mfg. Co., Worcester, Mass.
- PERFECT door hangers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- PERFECT door springs—Sharon Hardware Mfg. Co., Sharon, Pa.
- PERFECT dough mixing & kneading machinery—Triumph Mfg. Co., Cincinnati, Ohio
- PERFECT expansion bolts—Isaac Church, South Norwalk, Conn.
- PERFECT fire place heaters—Richardson & Boynton Co., 31 W. 31st, New York
- PERFECT flue cutters—J. Faessler Mfg. Co., Moberly, Mo.
- PERFECT fruit pickers—Woods-Sherwood Co., Worcester, Mass.
- PERFECT garden, lawn & poultry fences—F. P. Smith Wire & Iron Works, Lake & Dearborn, Chicago, Ill.
- PERFECT garment hangers—Henry C. Freshour, Bridgeport, Conn.
- PERFECT gas main stoppers—Edw. A. Behringer, 88 W. B'way, New York
- PERFECT gas stoves—Gem City Stove Co., Dayton, Ohio
- PERFECT hame fasteners—Weldless Chain Co., Bridgeport, Conn.
- PERFECT handle screw drivers, tack claws & pullers, drawing knives, machinists' hammers, hatchets, wrenches—H. D. Smith & Co., Plantsville, Conn.
- PERFECT horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.
- PERFECT hot air furnaces—W. G. McPherson Co., Portland, Ore.



PERFECT hydraulic lifts—Illinois Pump & Brass Co., Peoria, Ill.  
 PERFECT knife & scissors grinders—Shawmut Machinery Co., 82 Lincoln, Boston, Mass.  
 PERFECT lawn sprinklers—Stuber & Kuck, Peoria, Ill.  
 PERFECT lemon squeezers, steel stove trimmings & stove trucks—Arcade Mfg. Co., Freeport, Ill.  
 PERFECT oven illuminators—George L. Beitner, Bridgeport, Conn.  
 PERFECT paper clips—Henry C. Freshour, Bridgeport, Conn.  
 PERFECT paper cutting machines—Black-Clawson Co., Hamilton, Ohio  
 PERFECT pipe bending springs—Cleveland Wire Spring Co., Cleveland, Ohio  
 PERFECT pipe hangers—D. L. Billings & Co., 762 Dudley, Boston, Mass.  
 PERFECT plumb bobs—S. & I. Co., Springfield, Mass.  
 PERFECT portable benches—Em-Em Selling Co., 422 E. 16th, New York  
 PERFECT radiator shields—Decatur Cornice & Roofing Co., Decatur, Ill.  
 PERFECT rubber hose—Empire Tire & Rubber Co., East Trenton, N. J.  
 PERFECT rubber roofing—Maurice O'Meara Co., 448 Pearl, New York  
 PERFECT self indexing ledger—Chicago Binder & File Co., 117 S. Clinton, Chicago, Ill.  
 PERFECT shelf hardware boxes—Chas. P. Moore, Ravenswood, W. Va.  
 PERFECT sickle grinders—Walter A. Wood Mower & Reaper Machine Co., Hoosick Falls, N. Y.  
 PERFECT sink strainers—Central Stamping Co., 172 Fulton, New York  
 PERFECT steel shipping barrels—Detroit Range Boiler Co., 619-24th, Detroit, Mich.  
 PERFECT steel tubular barrows—Phillips, Doup Co., 60 Pearl, Brooklyn, N. Y.  
 PERFECT trip hammers—Macgowan & Finigan, E. St. Louis, Ill.  
 PERFECT valve discs—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.  
 PERFECT wall mills—Wrightsville Hardware Co., Wrightsville, Pa.  
 PERFECT water closets—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 PERFECT window regulators—Perfect Window Regulator Co., 43 Exchange pl, New York  
 PERFECT wire fences & gates—Pittsburgh Steel Co., Pittsburgh, Pa.  
 PERFECT woven wire fences—Spring Steel Fence & Wire Co., Anderson, Ind.  
 PERFECTED gauge glass washers—H. A. Rogers Co., 87 Walker, New York  
 PERFECTED piano wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 PERFECT FIT binder covers—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 PERFECT SUCCESS spray pumps—Deming Co., Salem, Ohio  
 PERFECTION ash sifters—Success Mfg. Co., Gloucester, Mass.  
 PERFECTION babbitt metal, digesters—Eastwood Wire Mfg. Co., Belleville, N. J.  
 PERFECTION bath brushes—Standard Brush Co., New Hartford, Conn.  
 PERFECTION belt dressing—Fansher Bros., Dayton, Ohio  
 PERFECTION belt lacing—Hudson Belt Fastener Co., 103 Chambers, New York  
 PERFECTION belting—Bonner & Barnewall, 30 Church, New York  
 PERFECTION belting, fire hose, dredging sleeves, fruit jar rubbers—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 PERFECTION bench grinders—Star Specialty Mfg. Co., 227 W. Erie, Chicago, Ill.  
 PERFECTION blower cleaners—Perfection Grate Co., Springfield, Mass.  
 PERFECTION boiler compounds—Brewer & Co., Worcester, Mass.  
 PERFECTION boiler compounds—Patapsco Oil & Grease Co., 109 Cheapside, Baltimore, Md.  
 PERFECTION boiler oil feeders—Lake Erie Mfg. Co., Buffalo, N. Y.  
 PERFECTION bottle stoppers—Perfection Bottle Stopper Co., 327 S. La Salle, Chicago, Ill.  
 PERFECTION box scrapers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 PERFECTION brass wire cloth—Eastwood Wire Mfg. Co., Belleville, N. J.  
 PERFECTION buggy aprons—Bayles Vehicle Top & Trimming Co., Kansas City, Mo.  
 PERFECTION calf weaners—Aug. Holthaus Saddlery Co., 1449 N. 6th, St. Louis, Mo.

PERFECTION can filling machines, bottle filling machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.  
 PERFECTION car lamp burners—Edw. Miller & Co., Meriden, Conn.  
 PERFECTION carriage fasteners, automobile tire holders—Metal Stamping Co., 13th, Long Island City, N. Y.  
 PERFECTION carriage fasteners, hame tug plates—North & Judd Mfg. Co., New Britain, Conn.  
 PERFECTION cattle stanchions—Stanley C. Swift Mfg. Co., Cuba, N. Y.  
 PERFECTION cellar drainers—Erwin & Co., 3736 Cottage Grove av, Chicago, Ill.  
 PERFECTION china kilns—Bellevue Furnace Co., Detroit, Mich.  
 PERFECTION churns—J. G. Cherry Co., Cedar Rapids, Ia.  
 PERFECTION clothes line hooks—Franklin Brass Foundry Co., Reading, Pa.  
 PERFECTION coil chains—Bridgeport Chain Co., Bridgeport, Conn.  
 PERFECTION computing cheese cutters—American Computing Co., Indianapolis, Ind.  
 PERFECTION concrete building block machinery—Enterprise Foundry Co., Rochester, N. Y.  
 PERFECTION corn forks—Pfeighar Hardware Specialty Co., New Haven, Conn.  
 PERFECTION corn planters—Avery Co., Peoria, Ill.  
 PERFECTION crayons—Stanley Doggett, 11 Cliff, New York  
 PERFECTION cutting compounds—Climax Refining Co., Wimsion bldg, Cleveland, Ohio  
 PERFECTION cutting compounds—Middle States Oil Co., 848 B. of L. E. bldg, Cleveland, Ohio  
 PERFECTION door checks & springs—Morgan Spring Co., Worcester, Mass.  
 PERFECTION door springs—Wire Goods Co., Worcester, Mass.  
 PERFECTION dust collectors—Prinz & Rau Mfg. Co., 659 E. Water, Milwaukee, Wis.  
 PERFECTION electric gas lighters—Fischer Bros. & Corwin, 635 N. 3d, Newark, N. J.  
 PERFECTION electric sign flashers—Electric Carriage Call & Specialty Co., 311 W. 40th, New York  
 PERFECTION elevator boots—Barnard & Leas Mfg. Co., Moline, Ill.  
 PERFECTION fanning mills—Johnson & Field Mfg. Co., Racine, Wis.  
 PERFECTION feed water heaters & feed water purifiers—Perfection Heater & Purifier Co., Milwaukee, Wis.  
 PERFECTION flexible battery connectors—Fitzgerald Mfg. Co., Torrington, Conn.  
 PERFECTION floor oilers—Perfection Brush & Oiler Co., 621 E. Pratt, Indianapolis, Ind.  
 PERFECTION floor scrapers—Duncan Bros. & Wray Co., Ludlow Falls, Ohio  
 PERFECTION fodder shredders—Silver Mfg. Co., Salem, Ohio  
 PERFECTION fumigators—Jas. R. Wotherspoon, 238 N. Front, Phila., Pa.  
 PERFECTION garden cultivators—Brown Mfg. Co., Zanesville, Ohio  
 PERFECTION garden hose reels—Cardington Cabinet Co., Cardington, Ohio  
 PERFECTION garment hangers—Hutchins-Kilbourne, Buffalo, N. Y.  
 PERFECTION gas machines—American Gas Machine Co., Albert Lea, Minn.  
 PERFECTION grain graders—Chas. Hunnicut Co., Wilmington, Ohio  
 PERFECTION flexible battery connectors—Fitzgerald Mfg. Co., Springfield, Ill.  
 PERFECTION index cutters—Thos. Wrigley Co., 416 S. Dearborn, Chicago, Ill.  
 PERFECTION insulating washers—Morley Mfg. Co., 120 Boylston, Boston, Mass.  
 PERFECTION ironing boards—Milford Mfg. Co., Mansfield, Ohio  
 PERFECTION jointer gauges—Millers Falls Co., 28 Warren, New York  
 PERFECTION kettle ranges—Weaver & Co., New Oxford, Pa.  
 PERFECTION ladders, revolving ventilators—Berger Bros., 231 Arch, Phila., Pa.  
 PERFECTION lawn mowers—Dille & McGuire Co., Richmond, Ind.  
 PERFECTION leaf tobacco dryers—Comas Machine Co., Salem, Va.  
 PERFECTION linoleum racks—Stanley Swift Co. Mfg. Co., Cuba, N. Y.  
 PERFECTION lubricators—American Lubricator Co., Detroit, Mich.



PERFECTION lubricators—Crum-Wiley Mfg. Co., Decatur, Ill.  
 PERFECTION lubricators—Detroit Shipbuilding Co., Detroit, Mich.  
 PERFECTION lunch boxes—White Paper Box Co., Holyoke, Mass.  
 PERFECTION marine engines—Caille Perfection Motor Co., Detroit, Mich.  
 PERFECTION metal polish—Chemical Supply Co., Cleveland, Ohio  
 PERFECTION metal store front construction—Perfection Metal Bar Co., 3321 Lorain av, Cleveland, Ohio  
 PERFECTION metals—Selby Smelting & Lead Co., San Francisco, Cal.  
 PERFECTION milk coolers—Lewis Mfg. Co., Cortland, N. Y.  
 PERFECTION mitre boxes—Union Hardware Co., Torrington, Conn.  
 PERFECTION mixing spoons—Stuber & Kuck, Peoria, Ill.  
 PERFECTION molasses gates—E. I. Scoville Co., Manlius, N. Y.  
 PERFECTION molasses gates—John Sommer Faucet Co., 355 Central av, Newark, N. J.  
 PERFECTION note book holders—Weber-Knapp Co., Jamestown, N. Y.  
 PERFECTION oil stoves & heaters—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 PERFECTION oilers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 PERFECTION oiling sets—Deverall Perfection Mfg. Co., Coney Island av & Johnson pl, Brooklyn, N. Y.  
 PERFECTION packing—A. W. Chesterton Co., 64 India, Boston, Mass.  
 PERFECTION packing—Hamilton Rubber Mfg. Co., Trenton, N. J.  
 PERFECTION packing, journal box waste—Franklin Mfg. Co., Franklin, Pa.  
 PERFECTION padlocks—Ames Sword Co., Chicopee, Mass.  
 PERFECTION paper cutters—C. R. Pease Co., 220 W. Institute pl, Chicago, Ill.  
 PERFECTION paste—Michigan Paste & Mfg. Co., Gd. River, Detroit, Mich.  
 PERFECTION pie plates, tinware—Richardson Mfg. Co., Path, N. Y.  
 PERFECTION pipe clamps—F. A. Nusbaum, 219 Ruffner, Lockland, Ohio.  
 PERFECTION piston rings—Automobile Construction & Engineering Co., 3325 Chestnut, Phila., Pa.  
 PERFECTION pitching machines—Kaestner & Hecht Co., 500 Throop, Chicago, Ill.  
 PERFECTION post hole diggers—Iwan Bros., South Bend, Ind.  
 PERFECTION post hole diggers—Seymour Mfg. Co., Seymour, Ind.  
 PERFECTION potato planters—S. H. Peek's Sons, East Aurora, N. Y.  
 PERFECTION potato sprayers—Brandt Mfg. Co., Minneapolis, Minn.  
 PERFECTION pulley covering—National Mfg. & Engineering Co., 1537 Race, Phila., Pa.  
 PERFECTION pulley covering—Pulley Facings Co., 249 N. 11th, Phila., Pa.  
 PERFECTION railway track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 PERFECTION rain water cut-offs—Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.  
 PERFECTION rain water cut-offs—Klauer Mfg. Co., Dubuque, Ia.  
 PERFECTION ranges—Cohen Stove & Range Co., Florence, Ala.  
 PERFECTION ranges—Johnston-Slocum Co., Caro, Mich.  
 PERFECTION riding listers—Kingman Plow Co., Peoria, Ill.  
 PERFECTION rivets—Anthony Carlin, Cleveland, Ohio.  
 PERFECTION sash balances—General Railway Supply Co., 140 S. Dearborn, Chicago, Ill.  
 PERFECTION spray pumps—Barnes Mfg. Co., Mansfield, Ohio.  
 PERFECTION spray pumps—Brandt Mfg. Co., Minneapolis, Minn.  
 PERFECTION spray pumps—Thos. Peppler, Hightown, N. J.  
 PERFECTION spring winders—Hjorth Lathe & Tool Co., Boston, Mass.  
 PERFECTION steam engine indicators—Trill Indicator Co., Corry, Pa.  
 PERFECTION steam joint clamps—F. A. Nausbaum, 219 Ruffner, Lockland, Ohio.  
 PERFECTION steel stools—Toledo Metal Furniture Co., Toledo, Ohio.

PERFECTION stencil brushes—Hanlon & Goodman Co., 270 Pearl, New York.  
 PERFECTION stove pipe & elbows—Jackes-Evans Mfg. Co., Main & Tyler, St. Louis, Mo.  
 PERFECTION tallow—Consolidated Rendering Co., Boston, Mass.  
 PERFECTION tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 PERFECTION tapping devices—Brewing Appliance Specialty Co., Hartford, Conn.  
 PERFECTION tire pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 PERFECTION toasters—Kinne Mfg. Co., 1401 Central av, Minneapolis, Minn.  
 PERFECTION tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.  
 PERFECTION tool grinders—Michigan Engine Valve Co., Detroit, Mich.  
 PERFECTION towel racks—Parker Wire Goods Co., Worcester, Mass.  
 PERFECTION valve & signal oils—Galena Signal Oil Co., Franklin, Pa.  
 PERFECTION vehicle washers—Ryan & Long, Appleton, Wis.  
 PERFECTION waste cans—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.  
 PERFECTION water heaters—Pompeian Mfg. Co., Cleveland, Ohio.  
 PERFECTION welding compounds—Perfection Welding Compound Co., Scranton, Pa.  
 PERFECTION wire cloth—Success Mfg. Co., Gloucester, Mass.  
 PERFECTION wire cord & rope—Upon-Walton Co. of N. Y., 291 B'way, New York  
 PERFECTION wire stitching machines—J. L. Morrison Co., Niagara Falls, N. Y.  
 PERFECTION woven wire fence stretchers—Dwiggins Wire Fence Co., Anderson, Ind.  
 PERFECTION HERCULES lawn swines—Southern Plow Co., Columbus, Ga.  
 PERFECTO air valves—E. Edelmann & Co., 341 E. Ohio, Chicago, Ill.  
 PERFECTO hack saw blades—Ross Mfg. Co., Kansas City, Mo.  
 PERFECTO pocket screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 PERFECTOL car cleaning compounds—Modoc Co., Fernwood, Phila., Pa.  
 PERFEX gas igniters—Electric Goods Mfg. Co., Canton, Mass.  
 PERIODOGRAPH time recorders—Gisholt Machine Co., Madison, Wis.  
 PERKINS draw stroke trimmers—Perkins & Co., Grand Rapids, Mich.  
 PERKINS horse & mule shoes, steel toe-calks—Rhode Island Perkins Horse Shoe Co., Valley Falls, R. I.  
 PERKINS pattern nail mill machinery—H. J. Millers Sons, Bridgewater, Mass.  
 PERKINS shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.  
 PERLEX binoculars—American Thermo Ware Co., 16 Warren, New York.  
 PERMABESTOS packing—Crandall Packing Co., Palmyra, N. Y.  
 PERMACOLOR incandescent lamp coloring—C. E. Franche & Co., 440 Orleans, Chicago, Ill.  
 PERMA-EFFECT ground connection clamps—Paiste H. T. Co., Arch & 32nd, Phila., Pa.  
 PERMANERE floor finish—Cleveland Varnish Co., Cleveland, Ohio.  
 PERMANITE rubber roofing—National Roofing Material Co., Edwardsville, Ill.  
 PERMANITE sheet packing—H. W. Johns-Manville Co., 41st & Madison av, New York.  
 PERMANITE water paints—M. Fox Ewing Co., 241 E. 136th, New York  
 PERMANOID asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York.  
 PERMATEX baking enamels—Constant A. Benoit, Sheepshead Bay, N. Y.  
 PEROLIN boiler compounds—Perolin Co. of America, 1090 W. 37th, Chicago, Ill.  
 PERPETUAL hay presses—J. A. Spencer, Dwight, Ill.  
 PERPETUAL metallic packing—High Speed Metallic Packing Co., 305 N. Michigan, Chicago, Ill.  
 PERRY cocks & bibbs—Federal-Huber Co., 234 N. Halstead, Chicago, Ill.  
 PERRY packing—La Favorite Rubber Mfg. Co., Patterson, N. J.  
 PERRY pumps—United Pump & Power Co., 182 N. Dearborn, Chicago, Ill.  
 PERRY sausage stuffers—Peck, Stow & Wilcox Co., Southington, Conn.  
 PERRY sausage stuffers—Sargent & Co., New Haven, Conn.



- PERRY side bearings—Joliet Railway Supply Co., Joliet, Ill.
- PERRY spring tooth harrows—Johnson Harvester Co., Batavia, N. Y.
- PERRY wire scrapers—Dicke Tool Co., Downers Grove, Ill.
- PERSONS-ARTER magnetic chucks—Persons-Arter Machine Co., Worcester, Mass.
- PERTH gauge glasses—H. A. Rogers Co., 87 Walker, New York.
- PERU potato diggers—Peru Plow & Wheel Co., Peru, Ill.
- PET fertilizer distributors—B. F. Avery & Sons, Louisville, Ky.
- PET gauge cocks—Jarecki Mfg. Co., Erie, Pa.
- PET laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
- PETERS grease traps—Prier Brass Mfg. Co., Kansas City, Mo.
- PETERS locomotive headlights—Remy Electric Co., Anderson, Ind.
- PETERS pivoted window hardware—Jas. Peters & Son, 1934 N. Front, Phila., Pa.
- PETERS pumps—Peters Pump Co., Kewanee, Ill.
- PETERS steam traps, water line governors—Steam Appliance Co., Milwaukee, Wis.
- PETERSON oil filters—Richardson-Phenix Co., Milwaukee, Wis.
- PETERSON'S bolting cloth cleaners—Cream City Can Works, Milwaukee, Wis.
- PETERSON'S valve removing tools—Buffum Tool Co., South Side, Louisiana, Mo.
- PETITE arc lamps—Western Electric Co., 500 S. Clinton, Chicago, Ill.
- PETO bathing caps—Star Rubber Co., Akron, Ohio.
- PET OAK hot blast stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
- PETREL oil cups—Wm. Powell Co., Cincinnati, Ohio.
- PETRIFAX waterproofing materials—Dexter Bros. Co., 105 Broad, Boston, Mass.
- PETRO elastic asphalt cements—Standard Oil Co. of Cal., San Francisco, Cal.
- PETRO sanitary flooring—Petro Pulp Floor Co., Kansas City, Mo.
- PETROBESTOS sheet packing—General Asbestos Rubber Co., Charleston, S. C.
- PETROL cold water paints—J. A. & W. Bird Co., Boston, Mass.
- PETROLITHIC concrete tampers—Petro lithic Pavement Co., Los Angeles, Cal.
- PETROSOTE shingle stains—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.
- PETRY & HECKING beet pulp dryers—Jackson & Church Co., Saginaw, Mich.
- PETTERSEN'S gas analysis apparatus—Elmer & Amend, 18th & 3rd ave, New York
- PETTINGILL shoe nailing machines—United Shoe Machinery Co., Boston, Mass.
- PETTINOS core compounds—Pettinos Bros., 25 Church, New York
- PETTY automobile & carriage heaters—Progressive Mercantile & Mfg. Co., Pana, Ill.
- PEXTO pruning shears—Peck, Stow & Wilcox Co., Southington, Conn.
- PFAU closet seats—Pfauf Mfg. Co., Cincinnati, Ohio
- PFEIFFER boot calks—Noth & Pfeiffer Mfg. Co., Hartford, Conn.
- PFLUEGER fish hooks, fishing reels, saddlery hardware—Enterprise Mfg. Co., Akron, Ohio
- PHALTOID asphalt roofing—A. H. White Co., Ltd., Howard, Venus, Miro & Tanti, New Orleans, La.
- PHELPS electric illuminated signs—Phelps Mfg. Co., Detroit, Mich.
- PHELPS steam heaters—Phelps Bros. Co., 25 Cliff, New York.
- PHELPS IDEAL steam heaters—Ideal Mfg. & Supply Co., Oskaloosa, Ia.
- PHENIX lubricators, oil filters, sight flow indicators—Richardson-Phenix Co., Milwaukee, Wis.
- PHENIX storm sash hangers, storm doors & windows—Phenix Mfg. Co., Humboldt ave, c Center, Milwaukee, Wis.
- PHENOID paint & varnish remover—Chalmers Chemical Co., 115 Chestnut, Newark, N. J.
- PHENOLENE disinfectants—National Disinfecting Co., 306 E. 59th, New York
- PHILA. arc light cut-outs, conduit joint wrappers, conduit sealing plugs, trolley wire splicing sleeves—Philadelphia Electrical & Mfg. Co., 1228 N. 31st, Philadelphia, Pa.
- PHILA. asparagus bunchers—Johnson Mfg. Co., 103 N. Front, Phila., Pa.
- PHILADELPHIA bed & furniture casters—Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.
- PHILADELPHIA borers—L. & I. J. Co., 143 Perry, Buffalo, N. Y.
- PHILADELPHIA carriage bolts, tire bolts—Upson Nut Co., Cleveland, Ohio.
- PHILADELPHIA dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.
- PHILADELPHIA gasoline motor lawn mowers—Philadelphia Lawn Mower Co., 31st & Chestnut, Phila., Pa.
- PHILADELPHIA grease cups—Universal Lubricator Co., 1337 Arch, Phila., Pa.
- PHILADELPHIA lawn mowers, lawn trimmers, grass catchers—Philadelphia Lawn Mowers Co., 3107 Chestnut, Philadelphia, Pa.
- PHILADELPHIA metal frame window screens—Continental Co., Detroit, Mich.
- PHILADELPHIA silos—E. F. Schlichter Co., 10 S. 18th, Phila., Pa.
- PHILADELPHIA slat irons—C. Cowles & Co., New Haven, Conn.
- PHILADELPHIA tinnern's snips—C. E. Jennings & Co., 71 Murray, New York
- PHILBRICK arc lamp mast arms—Andrews Pettin-gell Co., 166 Pearl, Boston, Mass.
- PHILLIPS automatic dumps—Phillips Mine & Mill Supply Co., Pittsburgh, Pa.
- PHILLIPS expansion bolts—Garrison Brass & Machine Works, 149 W. 35th, New York
- PHILLIPS fusible plugs—Glasgow Iron Works & Supply Co., 28 West, New York
- PHILLIPS metal frame window screens—Continental Co., Detroit, Mich.
- PHILLIPS sight feed lubricators—Rich Mfg. Co., 370 Atlantic av, Boston, Mass.
- PHILLIPS spring hammers—Dougherty-Smith & Philip, 500 W. Division, Chicago, Ill.
- PHILLIPS wood boring machines—Ajax Mfg. Co., Pittsburgh, Pa.
- PHILLIPS NO-KICK saw guards—Phillips Mfg. Co., Orlando, Fla.
- PHILLIPS WORLDS axle grease—Wodl Refining Co., Easton, Pa.
- PHOENIX asbestos cements—H. W. Johns-Manville Co., Madison ave & 41st, New York
- PHOENIX belting, belt dressing—New York Leather Belting Co., 465 Kent ave, Brooklyn, N. Y.
- PHOENIX cement—Phoenix Portland Cement Co., Nazareth, Pa.
- PHOENIX cork pullers—Arcade Mfg. Co., Freeport, Ill.
- PHOENIX fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.
- PHOENIX fire-proof floors—Henry Maurer & Son, 420 E. 23rd, New York
- PHOENIX gasoline blow torches—Decker Mfg. Co., 251 Elm, Newark, N. J.
- PHOENIX metallic window frame—S. Keighley Metal Ceiling & Mfg. Co., 824 Locust, Pittsburgh, Pa.
- PHOENIX nickel-steel wire—Electrical Alloy Co., Morristown, N. J.
- PHOENIX oil cups—Wm. Powell Co., Cincinnati, Ohio
- PHOENIX packing—Crandall Packing Co., Palmyra, N. Y.
- PHOENIX packing—H. Johnson Co., Ft. Gates av, Jersey City, N. J.
- PHOENIX packing & rubber hose—Boston Belting Co., 84 Linden Park St. Boston, Mass.
- PHOENIX saw swages—Phoenix Mfg. Co., Eau Claire, Wis.
- PHOENIX saw vises—Phoenix Hardware Co., Buffalo, N. Y.
- PHOENIX valve & service boxes—Central Foundry Co., 90 West, New York
- PHOENIX BULL DOG steel toe-calks—Phoenix Horse Shoe Co., 209 S. La Salle, Chicago, Ill.
- PHONEDOSCOPE trouble finders—G. P. Pilling & Son Co., 23rd. & Arch, Phila., Pa.
- PHONE-EZE desk telephone brackets—Fox-Borden Mfg. Co., P. O. Box, 103, Station A., Hartford, Conn.
- PHONE-EZE desk telephone brackets—Seely Office Appliance Co., 114 Liberty, New York
- PHONO-ELECTRIC trolley wire—Bridgeport Brass Co., Bridgeport, Conn.
- PHONOPOISE desk telephone brackets—K. & B. Co., 25 No. 7th, Phila., Pa.
- PHOTOSTAT photographic copying machines—Commercial Camera Co., Rochester, N. Y.
- PIANO mowers—International Harvester Company of America, Inc., 230 Harvester bldg, Chicago, Ill.
- PIANOLITE electric & gas light fixtures—Franks Mfg. Co., Rock Island, Ill.
- PICADURA tobacco scrap cutting machines—Miller, Du Brul & Peters Mfg. Co., 507 E. Pearl, Cincinnati, Ohio
- PICHE evaporimeters—Henry J. Green, 1191 Bedford ave, Brooklyn, N. Y.



PICHER red lead; litharge—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.  
 PICKET oil cups—Wm. Powell Co., Cincinnati, Ohio  
 PICNIC clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.  
 PICCOLO benzine soldering iron—Globe Gas Light Co., 25 Union, Boston, Mass.  
 PIERCE amalgamating pans & barrels—L. S. Pierce, 1650 Champa, Denver, Colo.  
 PIERCE commode pails—Northwestern stamping Co., Burlington, Ia.  
 PIERCE steam heaters, hot water radiators—Pierce, Butler Co., Syracuse, N. Y.  
 PIERESCO wall finish—F. O. Pierce Co., 12 W. Broadway, New York  
 PIERLLIS postage stamp affixing machines—Puritan Mailing Machine Co., 301 Congress, Boston, Mass.  
 PIERSEN telegraph transmitters—Piersen Telegraph Transmitter Co., Topeka, Kan.  
 PIG SKIN BRAND rabbit metal—Rock Products Equipment Corp., 42 Church, New York.  
 PIGTAIL horse back bands—Couch Bros. Mfg. Co., Atlanta, Ga.  
 PIKE'S Peak cement—Colorado Portland Cement Co., Denver, Colo.  
 PILABRASCO fire extinguishers—Pittsburgh Lamp Brass & Glass Co., Pittsburgh, Pa.  
 PILGRIM belting—B. F. Goodrich Co., Akron, Ohio.  
 PILGRIM oil cups—Wm. Powell Co., Cincinnati, Ohio  
 PILGRIM packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.  
 PILLEY flue brushes—Pilley Flue Brush Co., 601 S. 3rd, St. Louis, Mo.  
 PILLIOD tool cases—Pilliod Lumber Co., Swanton, Ohio  
 PILLSBURY road oilers—Walter Cressy, Gloucester, Mass.  
 PILOT acetylene gas machines—Oxweld Acetylene Co., Jasper pl & 36th, Chicago, Ill.  
 PILOT automobile horns—Nonpareil Horn Mfg. Co., 73 Wooster, New York  
 PILOT door hangers—A. L. Swett Iron Works, Medina, N. Y.  
 PILOT gate valves—Wm. Powell Co., Cincinnati, Ohio  
 PILOT marine engines—Trump Bros. Machine Co., Beech & Anchorage, Wilmington, Del.  
 PILOT plows—South Bend Chilled Plow Co., South Bend, Ind.  
 PILOT stalk cutter attachments—Hartman Mfg. Co., Vincennes, Ind.  
 PINATINE turpentine substitute—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.  
 PINEO saw guides—New Britain Machine Co., 190 Chestnut, New Britain, Conn.  
 PIN-E-OLA disinfectants—Alcatraz Co., Richmond, Va.  
 PINEOSOTE pine oils, rosin, wood cresote—Forest Products Co., New Orleans, La.  
 PINE STATE andirons—S. R. White's Sons, Norfolk, Va.  
 PINE TREE turpentine—Thomas Sealy, 138 Front, New York  
 PINGREE potato planters—Potato Implement Co., Traverse City, Mich.  
 PINNACLE belting, tank balls—B. F. Goodrich Rubber Co., 1925 Michigan av, Akron, Ohio.  
 PINNACLE oil cups—Wm. Powell Co., Cincinnati, Ohio  
 PINOSOL disinfectants—Brewer & Co., Worcester, Mass.  
 PINTSCH car lighting apparatus gas buoys—Safety Car Heating & Lighting Co., 2 Rector, New York  
 PINTSCH digesters—International Process Co., 5 Beekman, New York  
 PIONEER canned goods—Otoe Preserving Co., Nebraska City, Nebr.  
 PIONEER carbon paper—Crown Ribbon & Carbon Mfg. Co., Rochester, N. Y.  
 PIONEER carriage fasteners, carriage top cables, bow sockets, bow rests, top prop nuts, top joints—Crandall, Stone & Co., Binghamton, N. Y.  
 PIONEER drag line scraper buckets—Mansfield Engineering Co., cor. E. Market & Penn, Indianapolis, Ind.  
 PIONEER dredging & excavating buckets—Mansfield Engineering Co., 24th & Canal, Indianapolis, Ind.  
 PIONEER expansion joints—Pioneer Asphalt Co., Lawrenceville, Ill.  
 PIONEER farm wagons—Smith Mfg. Co., La Crosse, Wis.  
 PIONEER hardwood doors—W. D. Crooks & Sons, Williamsport, Pa.  
 PIONEER incandescent renewed lamps—Consolidated Electric Lamp Co., Danvers, Mass.  
 PIONEER lubricating oils & greases—Cornplanter Lubricating & Oil Co., ft. Drake, St. Paul, Minn.

PIONEER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 PIONEER metal polish, carriage top dressing, valve grinding compounds—Northwestern Chemical Co., Marietta, Ohio  
 PIONEER molding sander machines—Austin & Eddy, 117 Broad, Boston, Mass.  
 PIONEER mortise blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.  
 PIONEER packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.  
 PIONEER packing, rubber hose—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York.  
 PIONEER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 PIONEER post hole diggers—F. E. Kohler Co., Canton, Ohio  
 PIONEER rubber buckets—National India Rubber Co., Bristol, R. I.  
 PIONEER rubber cements—National Cement & Rubber Co., Toledo, Ohio  
 PIONEER screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.  
 PIONEER telephone receivers—Automatic Electric Co., 1001 W. Vanburen, Chicago, Ill.  
 PIONEER twist drills—Lincoln-Williams Twist Drill Co., Taunton, Mass.  
 PIONEER-veneered doors—W. D. Crooks & Sons, Williamsport, Pa.  
 PIONEER white & red lead—W. P. Fuller & Co., San Francisco, Cal.  
 PIONEER-AMERICAN sheep shearing machines—Oscar Goes & Co., 1822 W. Lake, Chicago, Ill.  
 PIPE DREAM stove pipe enamels—Rath Mfg. Co., Hedley & Richman, Phila., Pa.  
 PIQUA shelf brackets—Piqua Bracket Co., Piqua, Ohio  
 PIRENBESTOS packing—Crandall Packing Co., Palmyra, N. Y.  
 PIRSCH fire hose shut off—Peter Pirsch & Co., Kenosha, Wis.  
 PITCHER door hangers—Pacific Tank & Pipe Co., 318 Market, San Francisco, Cal.  
 PITKIN friction clutches—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 PITMAN lever shears—Youngstown Foundry & Machine Co., Youngstown, Ohio  
 PITNER gasoline lighting systems—Pitner Gasoline Lighting Co., 8 E. Kinzie, Chicago, Ill.  
 PITNER tire air pumps—Sunderland Mfg. Co., 600 W. 22d, Chicago, Ill.  
 PITNEY shutter workers—Quincy Foundry & Novelty Co., Quincy, Ill.  
 PITOT tube water meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.  
 PITT balance doors—Pitt Balance Door Co., 136 W. 24th, New York  
 PITT car couplers—McConway & Torley Co., Pittsburgh, Pa.  
 PITT metallic packing—Garlock Packing Co., Palmyra, N. Y.  
 PITT unions—Kelly & Jones Co., Pittsburgh, Pa.  
 PITT-BOSTWICK folding gates—Wm. R. Pitt Composite Iron Works, 219 W. 26th, New York.  
 PITTCOAL steam heaters—Pittsburgh Water Heater Co., 610 Columbia Bank bldg., Pittsburgh, Pa.  
 PITTS sweep horse powers—Cehl Bros. Mfg. Co., West Bend, Wis.  
 PITTSBURGH anti-freezing water closets—Pittsburgh Brass Mfg. Co., Pittsburgh, Pa.  
 PITTSBURGH blow-off valves, gauge cocks, gauges, exhaust heads, steam separators, gas valves—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.  
 PITTSBURGH brake handle—Dayton Mfg. Co., Dayton, Ohio  
 PITTSBURGH cast iron cleanouts, union elbows, gate valves, steam traps—Pittsburgh Valve & Fittings Co., Pittsburgh, Pa.  
 PITTSBURGH drop hammers—United Engineering & Fdry Co., Pittsburgh, Pa.  
 PITTSBURGH enameled iron conduits—Enameled Metals Co., Etna, Pa.  
 PITTSBURGH feed water heaters—Elliott Co., Pittsburgh, Pa.  
 PITTSBURGH grate bars—Rosedale Foundry & Machine Co., Pittsburgh, Pa.  
 PITTSBURGH incandescent gas burners—Hipwell Mfg. Co., 831 W. North av, Pittsburgh, Pa.  
 PITTSBURGH insulator pins, trolley street poles—Valley Forging Co., Verona, Pa.  
 PITTSBURGH lock mortising machines—Pittsburgh Instrument & Machine Co., 236 3rd av, Pittsburgh, Pa.  
 PITTSBURGH pneumatic tool lubricators—A. M. Carrom & Co., Pittsburgh, Pa.



- PITTSBURGH tube expanders—Ajax Mfg. Co., N. S. Pittsburgh, Pa.
- PITTSBURGH wall ties—McDowell Mfg. Co., Home Trust bldg., Pittsburgh, Pa.
- PITTSBURGH water heaters—Pittsburgh Water Heater Co., Columbia Bank bldg., Pittsburgh, Pa.
- PITTSFIELD spark coils—Pittsfield Spark Coil Co., Pittsfield, Mass.
- PITTSTON stoves—Pittston Stove Co., Pittston, Pa.
- PLANCHON incandescent lamp filaments—Fahn & McJunkin, 50 E. 41st, New York
- PLANET marine gears—Marine Mfg. & Supply Co., 158 South, New York
- PLANET oil cups—Wm. Powell Co., Cincinnati, Ohio
- PLANET safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- PLANET, Jr., cultivators, cultivator shovels, cultivator teeth, fertilizer drills, harrows & pulverizers, garden seeders, sowers & weeder, planters, potato diggers—S. L. Allen & Co., Phila., Pa.
- PLANETARY pencil sharpeners—A. B. Dick Co., 736 W. Jackson Blvd., Chicago, Ill.
- PLANIA arc light carbons—H. M. Hirschberg Co., 1451 B'way, New York
- PLANIAWERKE electrodes—H. M. Hirschberg Co., 1451 B'way, New York
- PLANO binders & binder twine—International Harvester Company of America, Inc., 230 Harvester bldg., Chicago, Ill.
- PLANOTYPE duplicators—A. B. Dick Co., 736 W. Jackson Blvd., Chicago, Ill.
- PLANSIFTER flour sifters—Barnard & Leas Mfg. Co., Moline, Ill.
- PLANTATION feed cutters—Silver Mfg. Co., Salem, Ohio
- PLASTELINE modeling clays—Stewart & Co., 24 Broadway, New York
- PLASTERITE damp course—Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.
- PLASTIC roofing cements—Republic Paint & Lead Works, E. 131st & Taft av, Cleveland, Ohio.
- PLASTIC tocolith marine paints—Toch Bros., 320 5th av, New York
- PLASTICO cement—Struthers Furnace Co., Cleveland, Ohio
- PLASTICPAC metallic packing—Crown Mfg. Co., Cleveland Ohio
- PLASTOMETER rubber testing machines—Pusey & Jones Co., ft. Poplar, Wilmington, Del.
- PLASTONE sanitary flooring & drainboards—Anchor Plastic Stone Co., Los Angeles, Cal.
- PLATA babbitt metal, journal bearings—Atkinson Co., Rochester, N. Y.
- PLATINOID imitation platinum—Manhattan Dental Co., Times bldg, New York
- PLATT cotton openers, wool finishing machines—Leigh & Butler, 232 Summer, Boston, Mass.
- PLATTNER mowers, hand carts—Plattner Implement Co., Denver, Colo.
- PLATT'S carding engines, cotton combs, mules—Lehigh & Butler, 232 Summer, Boston, Mass.
- PLAY-E-Z phonograph & talking mach. motors—Hamilton-Beach Mfg. Co., Racine, Wis.
- PLOMO belt dressing—Plomo Specialty Mfg. Co., Electric bldg, Cleveland, Ohio
- PLOVER duck decoys—William Read & Sons, 364 Washington, Boston, Mass.
- PLUMBAGO sheet packing—Thermoid Rubber Co., Trenton, N. J.
- PLUMBERS' best friend closet auger pipe cleaners—Otto Bernz, 21 Ashland av, Newark, N. J.
- PLUMBERS' friend pumps—Wolverine Brass Works, Grand Rapids, Mich.
- PLUMBESTO packing—Bowers Rubber Works, San Francisco, Cal.
- PLUME marine & pumping gas & gasoline engines—Neponset Engine & Machine Co., Neponset, Mass.
- PLUMMER steam heaters—Putnam Foundry & Machine Co., Putnam, Conn.
- PLUMWOOD metallic shades—Plume & Atwood Mfg. Co., Waterbury, Conn.
- PLUNKET drilling & milling machine vises—James E. Plunket, 1342 W. Lake, Chicago, Ill.
- PLURALITY bolt cutting machines—Mummert, Dixon Co., Hanover, Pa.
- PLUTO oil cups—Wm. Powell Co., Cincinnati, Ohio
- PLUVIOL carriage top dressing—Viscol Co., Cambridge, Mass.
- PLUVIUS water closets—Central Metal & Supply Co., 611 E. Lombard, Baltimore, Md.
- PLYMOUTH belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- PLYMOUTH gasoline locomotives—J. D. Fate Co., Plymouth, Ohio
- PLYMOUTH grain drills, rice planting drills—Wm. Fetzer Co., Springfield, Ill.
- PLYMOUTH shoe lasts & stands—Root-Heath Mfg. Co., Plymouth, Ohio
- PLYMOUTH rock cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio
- PLYMOUTH wall plaster—Plymouth Gypsum Co., Fort Dodge, Ia.
- PNEU-vent air valves—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.
- PNEUMATIC revolution counters—McNab Co., Bridgeport, Conn.
- PNEUMEELECTRIC coal punchers—Pneumeelectric Machine Co., Syracuse, N. Y.
- PNEUOXYUM pneumatic tool lubricants—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.
- POAGE'S railroad water columns—American Valve & Motor Co., Cincinnati, Ohio
- POCAHONTAS coke—Flat-top Fuel Co., Bluefield, W. Va.
- POCAHONTAS roofing paper—Barrett Co., 17 Battery pl, New York
- POCO printers' proof presses—Potter Printing Press Co., Plainfield, N. J.
- POCOMOKE air drill hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- POCONO stoves—Pittston Stove Co., Pittston, Pa.
- POHLE pneumatic lifts, return air pumps—Ingersoll-Rand Co., 11 Broadway, New York
- POIDOMETER automatic weighing machines—Schaffer Eng. & Equipment Co., Tiffin, O.
- POINTER oil cups—Wm. Powell Co., Cincinnati, Ohio
- POINTER RANGE boilers—Haines, Jones & Cadbury Co., 1130 Ridge ave, Phila., Pa.
- POKE bonnet window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson Blvd, Chicago, Ill.
- POKE porcelain insulators—Colonial Sign & Insulator Co., Akron, Ohio
- POLACK rubber tires—Polack Tyre & Rubber Co., 1876 Broadway, New York
- POLAR belt dressing—Geo. W. Southwick Co., Stamford, Conn.
- POLAR cuspidors—Porcelain Enameling Assn. of America, Sheboygan, Wis.
- POLAR kitchen enameled ware—Porcelain Enameling Ass'n of America, Sheboygan, Wis.
- POLAR refrigerators—Heiz & Munssauer, Buffalo, N. Y.
- POLAR CUB electric portable fans—A. C. Gilbert Co., New Haven, Conn.
- POLARINE lubricating oils & greases—Standard oil Co. of N. J., 26 Broadway, New York
- POLARIS oil cups—Wm. Powell Co., Cincinnati, Ohio
- POLDI self-hardening steel—Peter A. Frasse & Co. (Inc.), 417 Canal, New York
- POLISHINE metal polish—Cleaner Mfg. Co., 2842 Olive, St. Louis, Mo.
- POLLYWOG scrubbing brushes—Standard brush Co., New Hartford, Conn.
- POLO harness snaps—Covert Mfg. Co., Troy, N. Y.
- POLSON auxiliary automobile seats—Polson Mfg. Co., Buffalo, N. Y.
- POLYGON concrete mixers, gasoline hoists—Waterloo Cement Machinery Corp., Waterloo, Ia.
- POLYSCOPE moving picture machines—Selig Polyscope Co., 20 E. Randolph, Chicago, Ill.
- POMONA barrel spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
- POMPEIAN bronzed wire cloth—Clinton Wire Cloth Co., Clinton, Mass.
- POMPTON high carbon steel—Ludlum Steel Co., Watervliet, N. Y.
- POND ventilating apparatus—David Lupton's Sons Co., Allegheny ave & Tulip, Phila., Pa.
- PONDALLOY engine pistons—Pondelick Bros., Chicago, Ill.
- POND'S revolving chimney tops—Osborn Mfg. Co., 5401 Hamilton ave N. E., Cleveland, Ohio
- PONOLITH—the highest grade lithophone—The Krebs Pigment & Chemical Co., Newport, Del.
- PONTAR road, refined & dehydrated tar—Du Pont Chemical Works, 120 B'way, New York
- PONTIAC rubber hose—National India Rubber Co., Bristol, R. I.
- PONTIUS sealing wax—Dicks-Pontius Co., Dayton, Ohio
- PONTOKLENE auto cleaner & polisher—Du Pont Chemical Works, 120 B'way, New York
- PONY feed cutters—Silver Mfg. Co., Salem, Ohio
- PONY hand riveting machines—F. H. Smith Mfg. Co., 3047 Carroll ave, Chicago, Ill.
- POOR MAN'S FRIEND incubators & brooders—Geo. Ertel Co., Quincy, Ill.
- POPE-HARTFORD motor fire engines—Pope Mfg. Co., Hartford, Conn.
- POPE'S farriers' knives—T. J. Pope Sauguoit, N. J.
- POPLAR fry pans—Porcelain Enameling Ass'n of America, Sheboygan, Wis.



POPPY rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 POPULAR cobbler's outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 POPULAR oil & grease cups—Wm. Powell Co., Cincinnati, Ohio  
 POPULAR porch columns—Cleveland Column Co., 1826 Columbus rd, Cleveland, Ohio  
 POPULAR snow shovels—B. W. Aldrich & Co. Wallingford, Vt.  
 POPULAR twine holders—New York Roll Wrapping Paper Co., 84 Beekman, New York  
 PORCELAVA insulating material—Burgess & Co., East Liverpool, Ohio  
 PORCELITE enamel paints—Thomson Wood Finishing Co., 827 N. 3rd, Phila., Pa.  
 PORCELOID closet seats—Sanitary Specialty Co., 1824 E. Clearfield, Phila., Pa.  
 PORCUPINE road scarifiers—Universal road machinery Co., Kingston, N. Y.  
 PORSLYN brushes—Alpha brush Co., Troy, N. Y.  
 PORTAGE rubber tires—Portage Rubber Co., Akron, Ohio  
 PORTEOUS babbitt metal, journal bearings—Edna Brass Mfg. Co., 525 Reading rd, Cincinnati, Ohio  
 PORTER barn door hangers, hay carriers, hay fork pulleys, never-slip wagon jacks—J. E. Porter Co., Ottawa, Ill.  
 PORTER battery motors—Davis Kendrick Co., Lebanon, N. H.  
 PORTER belt clamps—Hoggson & Pettis Mfg. Co., New Haven, Conn.  
 PORTER buzz planing machines—C. O. Porter Machinery Co., Grand Rapids, Mich.  
 PORTER car derailleurs—Cleveland Frog & Crossing Co., Cleveland, Ohio  
 PORTER—carriage axles—Lee & Porter Buchanan, Mich.  
 PORTER cutter heads, pattern makers' lathes—C. O. Porter Machinery Co., Grand Rapids, Mich.  
 PORTER metal frame window screens—Continental Co., Detroit, Mich.  
 PORTER pattern makers' lathes—Baldwin, Tuthill & Bolton, Grand Rapids, Mich.  
 PORTER safety tin seals—Porter Safety Seal Co., 1110 W. Lake, Chicago, Ill.  
 PORTER'S shoe rest—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 PORT HURON road scarifiers, traction engines—Port Huron Engine & Thresher Co., Port Huron, Mich.  
 PORTLAND automobile turntables—Portland Garage Co., Portland, Me.  
 PORTLAND automobile wind shields—Bi-Motor Equipment Co., 180 Massachusetts ave, Boston, Mass.  
 PORTLAND case hardening compounds—Rogers & Hubbard Co., Middletown, Conn.  
 PORTLAND paper punching machinery—Southworth Machine Co., Portland, Me.  
 PORTLAND slime filters—Colorado Iron Works Co., Denver, Colo.  
 PORTSMOUTH iron—Whitaker, Glessner Co., Wheeling, W. Va.  
 POSITIVE angle chain drivers—Max Ams Machine Co., Mount Vernon, N. Y.  
 POSITIVE barn door latches—Frantz Mfg. Co., Sterling, Ill.  
 POSITIVE candle lubricators—Wm. J. Faul Co., 137 Front, New York  
 POSITIVE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 POSITIVE hot water heaters—Monitor Steam Generator Mfg. Co., Phila., Pa.  
 POSITIVE lock washers—Riverside Steel Spring Co., Riverside, N. J.  
 POSITIVE tire vulcanizers—Positive Supply Co., Davenport, Ia.  
 POST'S valve discs—E. L. Post & Co., 50 Cliff, New York  
 POST'S ZERO babbitt metal—E. L. Post & Co., 50 Cliff, New York  
 POTENTIAL transformers—Western Electric Co., 463 West, New York  
 POTENTIOSTAT transformers—U. S. E. M. Co., 301 W. 37th, New York  
 POTOMAC cover paper—District of Columbia Paper Mfg. Co., 3255 K N W., Washington, D. C.  
 POTTER basting spoons, cake turners, carpet stretchers, mincing knives—Potter Mfg. Co., Geneva, Ohio  
 POTTER belt fasteners—Jewell Belting Co., Hartford, Conn.  
 POTTER printers' proof presses—Potter Printing Press Co., Plainfield, N. J.  
 POTTER steam separators—Potter Separator Co., Newburg, N. Y.

POTTER-FAULTLESS aluminum hollow ware—National Aluminum Wks., Elmira, N. Y.  
 POTTS cellar doors—Potts Mfg. Co., Mechanicsburg, Pa.  
 POTTSTOWN corn shellers—Ellis Keystone Agricultural Works, Pottstown, Pa.  
 POUCH cigarette packing machines—American Machine & Foundry Co., 346 Carroll, Brooklyn, N. Y.  
 POWELL blow-off valves, blow-guns, brass oil cups, oil gauges, steam cocks, valve reseating tools, wrenches—Wm. Powell Co., Cincinnati, Ohio  
 POWELL miners squibs—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 POWER belting, packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 POWER dry batteries—Union Battery Co., Belleville, N. J.  
 POWER fruit & vegetable parers—Goodell Co., Antrim, N. H.  
 POWERS arc light cut-outs—Troy Electrical Co., Troy, N. Y.  
 POWERS automobile oil soap—E. A. Buck Co., Worcester, Mass.  
 POWERS revolving chimney tops—Williams Hardware Co., Streator, Ill.  
 POWERS rubber horse shoes—Powers Rubber Horse shoe Co., 224 W. Huron, Chicago, Ill.  
 POWERS wagon jacks—Millers Falls Co., 28 Warren, New York  
 POWER SAVER pulley covering—Kinkead Mfg. Co., 7 Water, Boston, Mass.  
 POWHATTAN belt dressing—Smith & Courtney Co., Richmond, Va.  
 PRACTICAL cobbler's outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 PRACTICAL fibrous packing—Pittsburgh Steam Packing Co., 210 Second av, Pittsburgh, Pa.  
 PRACTICAL kitchen sets—American Cutlery Co., 764 Mather, Chicago, Ill.  
 PRAHM railway signal flags—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 PRAIRIE clover bunchers—American Buncher Mfg. Co., Oliver & Harding, Indianapolis, Ind.  
 PRAIRIE QUEEN hay carriers—J. E. Porter Co., Rochester, N. Y.  
 PRATT cotton ginning machinery—Continental Gin Co., Birmingham, Ala.  
 PRATT plow clevises, husking pins, handy harness hooks—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.  
 PRATT steam traps—Pratt & Cady Co., Hartford, Conn.  
 PRATT vacuum pumps—C. H. Wheeler Mfg. Co., Lehigh av & N. 18th, Phila., Pa.  
 PRATT-DUMAS filter paper—E. Fougera & Co., 90 Beekman, New York  
 PRATT'S belt sifters—Chandler & Farquhar Co., Boston, Mass.  
 PRECISE graduating valves—Haynes-Thompson Co., 2107 Vine, Phila., Pa.  
 PRECISE levels—Bausch & Lomb Optical Co., Rochester, N. Y.  
 PRECISION coil presses, armature & field coil winding machines—Oliver Electric & Mfg. Co., 2221 Lucas, St. Louis, Mo.  
 PREMAX hame chains, key chains, special dog couplers—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 PREMIER air valves—Frantz-Premier Co., Cleveland, Ohio  
 PREMIER annunciators—Stanley & Patterson, 23 Murray, New York  
 PREMIER carriage fasteners—Crandal, Stone & Co., Binghamton, N. Y.  
 PREMIER cobbler's outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 PREMIER coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.  
 PREMIER inserted tooth saws—Henry Disston & Sons, Tacony, Phila., Pa.  
 PREMIER kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.  
 PREMIER lawn mowers—American Lawn Mower Co., Muncie, Ind.  
 PREMIER lawn mowers—S. P. Townsend & Co., Orange, N. J.  
 PREMIER lawn swings—Western Paper & Mfg. Co., Dayton, Ohio  
 PREMIER lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 PREMIER numbering machines—R. A. Stewart & Co., 201 Broadway, New York  
 PREMIER screw drivers—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 PREMIER screw pitch gauges, spring calipers & dividers—Athol Machine Co., Athol, Mass.



- PREMIER sleeve wire connectors—Bryant Zinc Co., 600 Orleans, Chicago, Ill.
- PREMIER spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.
- PREMIER steam & hot water heaters—American Radiator Co., 830 S. Michigan av, Chicago, Ill.
- PREMIER walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
- PREMIER water meters—National Meter Co., 84 Chambers, New York
- PREMIER woven wire fences—Enterprise Iron Works, Indianapolis, Ind.
- PREMIUM babbit metal—Chicago Bearing Metal Co., 2220 W. 43rd, Chicago, Ill.
- PREMIUM card & paper cutters—American Specialty Co., Bridgeport, Conn.
- PREMIUM oil & grease cups—H. B. Sherman Mfg. Co., Battle Creek, Mich.
- PREMIUM road machines & graders—Galion Iron Works Co., Galion, Ohio
- PREMIUM whiffletree hooks—Giblin & Co., Utica, N. Y.
- PREMO cameras—Eastman Kodak Co., Rochester, N. Y.
- PREMO children's vehicles—National Juvenile Auto Co., Toledo, Ohio
- PREMO gas stoves—Eclipse Stove Co., Mansfield, Ohio
- PREMO LINK chains—Oneida Chain Co., Oneida, N. Y.
- PRENDERGRANT corn brooms—Mass. Commission for the Blind, Cambridge, Mass.
- PRENIX combined window screen & awning—Phenix Mfg. Co., Milwaukee, Wis.
- PRENOLEUM wood preservatives—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
- PRENTICE anti-rail creepers—Cleveland Frog & Crossing Co., Cleveland, Ohio
- PRENTICE wood bits—Union Twist Drill Co., Athol, Mass.
- PRENTICE wood bits—Whitman & Barnes Mfg. Co., Akron, Ohio
- PRENTISS pipe vises—Prentiss Valve Co., 106 Lafayette, New York
- PRESCOTT plasters' steel corner beads—J. B. Prescott & Son, Webster, Mass.
- PRESERVO waterproofing materials—Robeson Preserve Products Co., Port Huron, Mich.
- PRESIDENT carbonators—S. Twitchell Co., 223 Vine, Phila., Pa.
- PRESSURE proof packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- PRESSURITE automobile gauges—Improved Gauge Mfg. Co., 320 W. Water, Syracuse, N. Y.
- PRESTEEL brake drums—Worcester Pressed Steel Co., Worcester, Mass.
- PRESTEL waste paper baling presses—Midland Supply Co., Davenport, Iowa
- PRESTO automobile engine starters—W. Roberson Machine & Foundry Co., 56 Rano, Buffalo, N. Y.
- PREST-O carbon removers—Prest-o-Lite Co., Indianapolis, Ind.
- PRESTO carriage top dressing—Fiebling Chemical Co., Milwaukee, Wis.
- PRESTO cigar lighters, electric heaters, massage vibrators, soldering irons, toasters, coffee percolators, egg boilers, chafing dishes—Presto Electrical Mfg. Co., San Francisco, Cal.
- PRESTO cigar lighters, electric lamp flashlights—Metal Specialties Mfg. Co., 338 N. Kedzie av, Chicago, Ill.
- PRESTO coasting sleds—Kalamazoo Sled Co., Kalamazoo, Mich.
- PREST-O cutlery polish—Black Cat Polish Co., 34 Washington, Buffalo, N. Y.
- PRESTO drill chucks—Whitney Mfg. Co., Hartford, Conn.
- PRESTO hot water radiators—Pressed Radiator Co., Ross & 3rd, Pittsburgh, Pa.
- PRESTO paper clips—Anthony Eisler & Co., 227 Canal, New York
- PRESTO razor strop hooks—Peck-Hamre Mfg. Co., Berlin, Wis.
- PRESTO soldering flux, paste, salts & stick—L. B. Allen Co., 4519 N. Lincoln, Chicago, Ill.
- PRESTO steam heaters—Pressed Metal Radiator Co., Pittsburgh, Pa.
- PRESTO twist drill collets—Whitney Mfg. Co., Hartford, Conn.
- PRESTOLINE metal polish—Gilt Edge Mfg. Co., 35 Warren, New York
- PRESTOLINE metal polish—Ladd Co., 35 Warren, New York
- PREST-O-LITE automobile headlights, oxy-acetylene welding outfits—Prest-O-Lite Co., 416 N. Capitol ave, Indianapolis, Ind.
- PRESTON'S carpet beaters, shingle bands—Hollow Cable Mfg. Co., Hornell, N. Y.
- PRESTOSHINE metal polish—W. S. Sheppard, 21 Lawrence, Newark, N. J.
- PRIBNOW saw swages—Pribnow Swage & Tool Works, Mellen, Wis.
- PRICE current meters—W. & L. E. Gurley, Troy, N. Y.
- PRICE fireproofing compounds, waterproofing materials—Price Fire & Waterproofing Co., Poughkeepsie, N. Y.
- PRIDE OF ST. LOUIS farm wagons—Linstroth Wagon Co., 2616 Chouteau ave, St. Louis, Mo.
- PRIDE OF THE BAR powder polish—J. C. Paul & Co., 160 N. 5th ave, Chicago, Ill.
- PRIDE STANDARD nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- PRIER basin cocks, roof flashings—Prier Brass Mfg. Co., Kansas City, Mo.
- PRIEST snow flangers—Railway Appliance Co., 122 S. Michigan av, Chicago, Ill.
- PRIESTMAN pneumatic electric sewage ejectors, bilge pumps, stationary screens—Merritt Hydraulic Co., 110 N. Broad, Philadelphia, Pa.
- PRIESTMAN sewage ejectors—Albert Priestman, 328 Chestnut, Philadelphia, Pa.
- PRIEST'S horse clippers, sheep shearing machines—American Shearer Mfg. Co., Nashua, N. H.
- PRIMA enam. steel shades—C. D. Wood Electric Co., 136 Liberty, New York
- PRIME natural color waste—Estes Mills, Fall River, Mass.
- PRIME western spelter—New Jersey Zinc Co., 55 Wall, New York
- PRIMES cream separators—Buckeye Churn Co., Sidney, Ohio
- PRIMM crude oil engines—Power Mfg. Co., Lima, Ohio
- PRIMO belt dressing & belt cements—Druid Oak Belting Co., 111 E. Lombard, Baltimore, Md.
- PRIMO gasoline lighting systems—Windhorst & Co., 205 N. 12th, St. Louis, Mo.
- PRIMO grease cuns—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- PRIMROSE closet seats—Wm. S. Emery, 74 Cliff, New York
- PRIMROSE garden trowels—N. Y. Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
- PRIMROSE lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- PRIMUS card tables—E. T. Burrows Co., 70 Free, Portland, Me.
- PRIMUS lubricating oils & greases—Penn. Petroleum & Supply Co., 115 N. 2nd, Philadelphia, Pa.
- PRINCE clothes washing machines—Reading Wood Pulley Co., Reading, Pa.
- PRINCE cotton planters—Avery Co., Peoria, Ill.
- PRINCE steam heaters—International Heater Co., Utica, N. Y.
- PRINCELY water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- PRINCESS artificial stone laundry tubs—Chicago Granite Mfg. Co., 3220 Shields ave, Chicago, Ill.
- PRINCESS cover paper—C. H. Dexter & Sons, Windsor Locks, Conn.
- PRINCESS electric sad irons—Chicago Flexible Shaft Co., 81 La Salle ave, Chicago, Ill.
- PRINCESS gasoline lighting systems—Allen-Sparkes Gas Light Co., Lansing, Mich.
- PRINCESS hot air furnaces—International Heater Co., Utica, N. Y.
- PRINCESS hot blast radiators—H. B. Smith Co., Westfield, Mass.
- PRINCESS lawn mowers—B. F. Avery & Son, Louisville, Ky.
- PRINCESS scythe snaths—Seymour Mfg. Co., Seymour, Ind.
- PRINCESS steel ranges—Allen Mfg. Co., Nashville, Tenn.
- PRINCESS washing machines, wood mortising machines—Princess Mfg. Co., 433 E. Pearl, Cincinnati, Ohio
- PRINCETON fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- PRINCETON steam & hot water heaters—J. H. McLain Co., Canton, Ohio
- PRINCO sphygmomanometer—Precision Thermometer & Instrument Co., 1434 Brandwine, Phila., Pa.
- PRINZ grain separators—Prinz & Rau Mfg. Co., 659 E. Water, Milwaukee, Wis.
- PRISCILLA aluminum hollow ware—New England Enameling Co., Middletown, Conn.



- PRISCO lanterns, wash boilers—Pritchard Stamping Co., Rochester, N. Y.
- PRISMATIC embossed blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.
- PRIZE bucket spray pumps—Deming Co., Salem, Ohio
- PRIZE fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
- PRIZE hair pickers—Geo. Willcomb Co., 60 Chardon, Boston, Mass.
- PRIZE walking & riding cultivators—Kingman Plow Co., Peoria, Ill.
- PRIZE PLYMOUTH stoves—Grinberg Bros., 154 South, New York
- PRIZER stoves, ranges & furnaces—Prizer-Painter Stove Co., Reading, Pa.
- PRIZE RIBBON babbit metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
- PROCTOR burring machines, garnett machines, rag pickers—Smith & Furbush Machine Co., Phila., Pa.
- PROCTOR dryers, exhaust fans, feeds or feeders, carbonizers, & tobacco machines—Philadelphia Textile Machinery Co., Tabor, Philadelphia, Pa.
- PRODUCTIMETER counting machines—Durant Mfg. Co., Milwaukee, Wis.
- PROF. CARPENTER'S draft gauges—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
- PROGRESS grease cups—Wm. Powell Co., Cincinnati, Ohio
- PROGRESS ice cream freezers—Dairy Machinery & Construction Co., Derby, Conn.
- PROGRESS steam heaters—Thatcher Furnace Co., 135 W. 35th, New York
- PROGRESS wire stitching machinery—F. P. Rosback Co., Benton Harbor, Mich.
- PROJECTOR desk telephone brackets—K. & B. Co., 25 No. 7th, Phila., Pa.
- PROMENADE floor tile—Martin Yingling Brick Co., Pittsburgh, Pa.
- PRONG lock metal studs—Berger Mfg. Co., Canton, Ohio
- PROOF coil chains—Hayden-Corbett Chain Co., Columbus, Ohio
- PROSPECT hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- PROSPERITY collar moulding machines—National Chemical Co., Syracuse, N. Y.
- PROSSER tube expanders—Thos. Prosser & Son, 15 Gold, New York
- PROTAR photographic lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
- PROTECT-A-LITE gas globes—Safety Wire Gas Globes Co., Columbus, Ohio
- PROTECTION oil cans—Geo. W. Diener Mfg. Co., 400 Monticello av, Chicago, Ill.
- PROTECTION plasters' steel corner beads—Knapp Bros. Mfg. Co., 2419 W. 14th, Chicago, Ill.
- PROTECTION ready roofing—Asphalt Ready Roofing Co., 9 Church, New York
- PROTECTIVE railway crossing signals—Protective Signal Mfg. Co., Denver, Colo.
- PROTECTOGRAPH check writing machines & protectors—Todd Protectograph Co., 1050 University, Rochester, N. Y.
- PROTECTOR barrel spray pumps—Humphryes Mfg. Co., Mansfield, Ohio
- PROTECTOR chemical fire engines—Knight & Thomas, 212 Summer, Boston, Mass.
- PROTECTOR lamp locks—McGill Mfg. Co., Valparaiso, Ind.
- PROTECTOR non-syphoning traps—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
- PROTECTOR revolvers—Ames Sword Co., Chicopee, Mass.
- PROTEX burlap—Cleveland-Akron Bag Co., Cleveland, Ohio
- PROTEX dripless sink strainers—Republic Metalware Co. (The), Buffalo, N. Y.
- PROTOD forgery-proof check protectors—Todd Protectograph Co., 1050 University av, Rochester, N. Y.
- PROUDFIT paper punches—Proudfit Loose Leaf Co., Grand Rapids, Mich.
- PROUTY barn door latches, fire door fittings, cupboard catches, floor hinges, sash locks—Allith-Prouty Co., Danville, Ill.
- PROUTY box board printing machines—Boston Printing Press & Machinery Co., East Bridgewater, Mass.
- PROUTY valve wheels—Sawyer Tool Mfg. Co., Ashburnham, Mass.
- PROVIDENCE adding machines—Hainer Bookkeeping Machine Co., 45 Williard av, Providence, R. I.
- PROVIDENCE car fenders & wheel guards—Consolidated Car Fender Co., Yale, Providence, R. I.
- PROVIDENCE drinking fountains—J. H. Ashton & Co., 271 Franklin, Providence, R. I.
- PROVIDENCE engine lathes—Harris-Corliss Engine & Machine Co., Park, Providence, R. I.
- PROVIDENCE steam traps—General Fire Extinguisher Co., Providence, R. I.
- PROVIDENCE winches & windlasses, boat anchors—American Engineering Co., Armingo & Cumberland, Philadelphia, Pa.
- PROWODNIK solid tires—Columb Tyres Import Co., 52 Vanderbilt av, New York
- PRUDEN plasters' steel corner beads—St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
- PRUDENTIAL portable houses—C. D. Pruden Co., Dock & Warner, Baltimore, Md.
- PRUDENTIAL steam heaters—W. A. Birdsall & Co., 44 Mechanic, Newark, N. J.
- PRYZOAK belting—Graton & Knight Mfg. Co., Worcester, Mass.
- PUBLIC SERVICE bond paper—Taylor-Logan Co., Holyoke, Mass.
- PUGH potato cutters—Pugh Mfg. Co., Topeka, Kan.
- PUG-TRACTOR traction engines—Denning Tractor Co., Cedar Rapids, Ia.
- PULLET belt shifters—Cincinnati Tool Co., Norwood, Cinn., O.
- PULLIFTER portable cranes—Giant Cable Hoist Co., Cleveland, O.
- PULLMAN door checks—Pullman Mfg. Co., Rochester, N. Y.
- PULLMAN electrical bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
- PULLMAN ventilators, ventilating cowls—Pullman Automatic Ventilator Mfg. Co., York, Pa.
- PULLMAN-ROCHESTER garment hangers—Pullman Mfg. Co., Rochester, N. Y.
- PULL-ME-OUT truck pullers—Sasgen Derrick Co., 3101 W. Grand av, Chicago, Ill.
- PULMOSAN sand blasting helmets—Multi-Metal Separating Sern. Co., 68 E. 131st, New York
- PULMOTOR respirators—Draeger Oxygen Apparatus Co., Pittsburgh, Pa.
- PULVA ALBA cement concrete block facing—Ohio Marble Co., Piqua, Ohio
- PULVEROID celluloid signs—Bastian Bros. Co., Rochester, N. Y.
- PUNCH tire upsetters—Munnsville Plow Co., Munnsville, N. Y.
- PUNKTAL lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
- PUR-A-TIS faucet filters—Union Filter & Novelty Co., 73 Franklin, New York
- PURDUE steam & hot water heaters—J. H. McLain Co., Canton, Ohio
- PURE WHITE toilet paper holders—A. P. W. Paper Co., Albany, N. Y.
- PURITA drinking fountains—J. L. Mott Iron Works, 118 5th av, New York
- PURITAN aluminum hollow ware—Sturges & Burn Mfg. Co., 508 S. Green, Chicago, Ill.
- PURITAN dress shields—J. J. Beyerle Mfg. Co., 340 Berry, Brooklyn, N. Y.
- PURITAN faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.
- PURITAN hot water radiators—U. S. Radiator Corp., Detroit, Mich.
- PURITAN insulating cloth, insulating paper—American Mica Co., Newton Lower Falls, Mass.
- PURITAN liquid soap, soap powders, furniture polish—Puritan Soap Co., 496 Exchange, Rochester, N. Y.
- PURITAN lubricating oils & greases—Puritan Oil & Paint Co., 1244 W. 70th, Cleveland, Ohio
- PURITAN metal polish—Pure Oil Co., Minneapolis, Minn.
- PURITAN oil cups—Wm. Powell Co., Cincinnati, Ohio
- PURITAN oilers—Noera Mfg. Co., Waterbury, Conn.
- PURITAN packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
- PURITAN sanitary flooring—Warren Bros. Co., 59 Temple pl, Boston, Mass.
- PURITAN stoves—Grinberg Bros., 154 South, New York
- PURITAN tinware, ash & garbage cans, oil cans, bread pans, broilers, chafing dishes, pails, water coolers—Central Stamping Co., 172 Fulton, New York
- PURITAN walking drills & listers—Moline Plow Co., Moline, Ill.
- PURITAN wire cloth—Clinton Wire Cloth Co., Clinton, Mass.
- PURITAN wood fillers—Glidden Varnish Co., Cleveland, Ohio
- PURITY drinking fountains—James Barrett Mfg. Co., 48 Pearl, Boston, Mass.
- PURITY water filters, pipe strainers—Progressive Iron Foundry & Machine Co., Haydenville, Mass.



PURIWACHOS fire resisting cements—W. A. Ross & Bro., 11 S. William, New York  
 PURO faucets—Puro Sanitary Drinking Co., Haydenville, Mass.  
 PURO oils—Pure Oil Co., Lafayette bldg., Philadelphia, Pa.  
 PUROLINE disinfectants—Continental Mfg. Co., Indianapolis, Ind.  
 PURPLE line cotton hose—Bowers Rubber Works, San Francisco, Cal.  
 PUSEY voltage regulators—Keystone Electric Co., 135 S. 10th, Phila., Pa.  
 PUSH BAR garden cultivators—Empire Plow Co., Cleveland, Ohio  
 PUSH-DOWN blast batteries—Star Electric Fuse Works, Wilkes-Barre, Pa.  
 PUSHIN ordinary attachment plugs—H. T. Paiste Co., 32nd & Arch, Phila., Pa.  
 PUSHRITE push buttons—S. H. Couch Co., Quincy, Mass.  
 PUTNAM rolling ladders—Putnam & Co., 32 Howard, New York  
 PUTNAM spring clothes pins—U. S. Clothespin Co., Montpelier, Vt.  
 PUTNAM steam heaters—Putnam Foundry & Machine Co., Putnam, Conn.  
 PUTZ metal polish—Gilt Edge Mfg. Co., 35 Warren, New York  
 PUTZ pomade polish—J. C. Paul & Co., 160 N. 5th av, Chicago, Ill.  
 PUTZADE metal polish—Ladd Co., 35 Warren, New York  
 PYCNOLUM belt dressing—A. G. Beldon & Co., 145 Maiden La, New York  
 PYKE'S lawn mower sharpeners—Pike Mfg. Co., Pike, N. H.  
 PYOTT-MILLER friction clutches—Pyott Co., 1401 W. North av, Chicago, Ill.  
 PYRALIN bath room fixtures & furnishings—C. F. Church Mfg. Co., Holyoke, Mass.  
 PYRALIN collars & cuffs, beading, flexible sheeting, rods, toilet articles, tubes—E. I. du Pont de Nemours & Co. (The Arlington Works), 725-27 B'way, New York  
 PYRALIN enamels & lacquers—Du Pont Chemical Works, 120 B'way, New York  
 PYRAMID belting—Laurence Belting Co., 111 Chambers, New York  
 PYRAMID blue plaster boards, roofing felts—Ford Mfg. Co., 2339 La Salle, Chicago, Ill.  
 PYRAMID boiler compounds—Binghamton Boiler Compound Co., Binghamton, N. Y.  
 PYRAMID brand carbon brushes—National Carbon Co., Cleveland, Ohio  
 PYRAMID canvas stitched belting—National Belting Co., Elyria, Ohio  
 PYRAMID cement plaster—United States Gypsum Co., Chicago, Ill.  
 PYRAMID floor finish—O'Brien Varnish Co., South Bend, Ind.  
 PYRAMID fly catchers—Louis Dejonge & Co., 71 Duane, New York  
 PYRAMID hose & gaskets—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 PYRAMID hot air furnace—Forest City Foundry & Mfg. Co., Cleveland, Ohio  
 PYRAMID packing—Cancos Mfg. Co., 46 N. 2nd, Phila., Pa.  
 PYRAMID rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 PYRAMID rubber mats—Essex Rubber Co., Trenton, N. J.  
 PYRAMID torches, engine & machine oilers—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.  
 PYRAMID-BALATA belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.  
 PYRENE fire extinguishers—Pyrene Mfg. Co., 52 Vanderbilt av, New York  
 PYRO alcohol lamps, self-heating sad irons & denatured alcohol—Alcohol Utilities Co., 27 William, New York  
 PYRO denatured alcohol—United States Industrial Alcohol Co., 27 William, New York  
 PYRO steel castings—Swedish Crucible Steel Co., Butler & Grand Trunk R. R., Detroit, Mich.  
 PYROBAR book & gypsum tile—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.  
 PYROFUSE garbage disposal plants—J. B. Prescott & Son, Webster, Mass.  
 PYROID sheet packing—General Asbestos Rubber Co., Charleston, S. C.  
 PYROLIN paint—Pyrolin Products Co., Fort Dodge, Iowa  
 PYROSCOPE optical pyrometers—Shore Instrument & Mfg. Co., 537 W. 22nd, New York

PYROTITE electric fuse—Bryant Electric Co., Bridgeport, Conn.  
 PYROXYLIN varnish—Crest Chemical Co., Seattle, Wash.  
 PYTHON conveyor belting—Manheim Mfg. & Belting Co., Manheim, Pa.  
 Q. A. insulating paper—Green Insulation Co., Cleveland, Ohio  
 Q. D. closet seat bumpers—Adam A. Long, Rochester, N. Y.  
 Q. S. F. flush switches—Cutter Electrical & Mfg. Co., 501 N. 19th, Phila., Pa.  
 Q. & C. lamp adjusters—American Vulcanized Fibre Co., Equitable bldg., Wilmington, Del.  
 Q. & C. rail sawing machines, rail benders, guard rail clamps, rail step joints—Q. & C. Co., 90 West, New York  
 Q. & E. floor finish—Murphy Varnish Co., McWhorter, Newark, N. J.  
 Q. & T. cattle stanchions—Quick & Thomas, Auburn, N. Y.  
 Q. & W. shoulder flange combination plates—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.  
 QUAD boring tools—Wrightsville Hardware Co., Wrightsville, Pa.  
 QUAD camp stoves, gas ranges—Guard Stove Mfg. Co., Columbus, Ohio  
 QUADRIGA soldering iron heaters, round belt couplings—Quadriga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.  
 QUADRUPLEX telegraph apparatus—J. H. Bunnell & Co., 32 Park pl, New York  
 QUAIL sulky hay rakes, wood hay tedders—Ohio Rake Co., Dayton, Ohio  
 QUAKER hot air furnaces—Quaker Mfg. Co., 180 N. Dearborn, Chicago, Ill.  
 QUAKER lubricators—Detroit Shipbuilding Co., Detroit, Mich.  
 QUAKER metal polish—Quaker Soap Co., 207 Provost, Jersey City, N. J.  
 QUAKER packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.  
 QUAKER shade rollers—Columbia Mills, 225 5th av, New York  
 QUAKER turpentine substitute—C. H. Boley Co., 3726 N. Randolph, Phila., Pa.  
 QUAKER CITY range boilers—Haines, Jones & Cadbury Co., 1130 Ridge av, Phila., Pa.  
 QUAKER CITY rubber tires, city fire hose—Quaker City Rubber Co., 629 Market, Phila., Pa.  
 QUAKER KITCHEN enameled ware—New England Enameling Co., Middletown, Conn.  
 QUALITY automobile wind shields—F. W. Anderson & Co., Brown & Uber, Phila., Pa.  
 QUALITY clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 QUALITY core compounds—E. J. Woodison Co., Detroit, Mich.  
 QUALITY gas ranges, oil stoves & heaters, steel ranges—Roberts & Mander Stove Co., Phila., Pa.  
 QUALITY hack saw blades & frames—Quality Saw & Tool Works, Springfield, Mass.  
 QUALITY revolving chairs—C. A. Cook Co., Cambridge, Mass.  
 QUALITY rubber stamps—Consolidated Stamp Mfg. Co., 87 Maiden La, New York  
 QUALITY self-measuring oil pumps—Milwaukee Tank Works, 156 Clinton, Milwaukee, Wis.  
 QUANCO ball cocks—Street & Kent Mfg. Co., 549 Fulton, Chicago, Ill.  
 QUARETTE automobile electrical equipment—Gem Mfg. Co., Goebel nr. Fulton, N. S., Pittsburgh, Pa.  
 QUARETTE pressure reducing valves—Auld Co., 1253 N. 12th, Phila., Pa.  
 QUARTZ water filters—Jewell Engineering Co., Monadnock blk, Chicago, Ill.  
 QUEEN broom holders—C. E. Erickson & Co., Des Moines, Ia.  
 QUEEN ceiling hooks—Parker Wire Goods Co., Worcester, Mass.  
 QUEEN clothes washing machines—Buckeye Churn Co., Sidney, Ohio  
 QUEEN corn shellers—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.  
 QUEEN cultivators—Walter A. Wood Mowing & Reaping Machine Co., Hoosick Falls, N. Y.  
 QUEEN desks—Marysville Cabinet Co., Marysville, Ohio  
 QUEEN family washing machines—J. H. Knoll, Reading, Pa.  
 QUEEN fire extinguishers, fire hose reels & racks—Harker Mfg. Co., 410 Pearl, Cincinnati, Ohio  
 QUEEN gasoline blow torches—Bridgeport Brass Co., Bridgeport, Conn.



- QUEEN hair drying combs—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
- QUEEN harness snaps—Covert Mfg. Co., Troy, N. Y.
- QUEEN kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- QUEEN lawn mowers—Dille & McGuire Co., Richmond, Ind.
- QUEEN lawn mowers—Granite State Mowing Machine Co., Hinsdale, N. H.
- QUEEN soldering flux, incandescent lamp coloring—Brunner Chemical Works, 17 E. 3rd, Cincinnati, Ohio
- QUEEN tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
- QUEEN A hand vacuum cleaners—Gray Iron Foundry Co., Reading, Pa.
- QUEEN ANNE kerosene oil lamp burners—Scovill Mfg. Co., Waterbury, Conn.
- QUEEN ANNE metal frame window screens—Continental Co., Detroit, Mich.
- QUEEN BEE babbitt metal—Thos. F. Lukens Metal Co., 238 N. 4th, Philadelphia, Pa.
- QUEEN CITY adjustable wrenches—Bergman Tool Mfg. Co., Buffalo, N. Y.
- QUEEN CITY coal chutes—Hastings Foundry & Iron Works, Hastings, Nebr.
- QUEEN CITY farm wagons—Dakota Plow & Wagon Co., Sioux Falls, S. Dak.
- QUEEN CITY garden rakes—Cronk & Carrier Mfg. Co., Elmira, N. Y.
- QUEEN CITY shutter hinges, tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
- QUEEN CITY step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
- QUEEN OF SOUTH flour mill machinery—Blymyer Iron Works Co., Cincinnati, Ohio
- QUEENS chrome yellow—C. H. Howell & Co., 212 Race, Phila., Pa.
- QUEENS BEST steel ranges—Wisconsin Fdry. & Steel Works, Cedar Grove, Wis.
- QUICK brake knife switches—Consolidated Car Heating Co., Albany, N. Y.
- QUICK fruit parers—Hamblin & Russell Mfg. Co., Co., Worcester, Mass.
- QUICK ACTION battery connectors—National Carbon Co., Cleveland, Ohio
- QUICK ACTION clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.
- QUICK ACTION drilling machine vises—St. Louis Sales Co., St. Louis, Mo.
- QUICK ACTION spark plugs—Knoblock-Heideman Mfg. Co., South Bend, Ind.
- QUICK-AS-A-WINK cork pullers—Milton Hawley, Stepney, Conn.
- QUICK-AS-A-WINK cork pullers—Warner Hammer Co., Cromwell, Conn.
- QUICK-AS-WINK pneumatic hose couplings—W. J. Clark Co., Salem, Ohio
- QUICK CHANGE drill chucks & twist drill collets—McCrosky Reamer Co., Meadville, Pa.
- QUICK CHANGE engine lathes—Seneca Falls Mfg. Co., Seneca Falls, N. Y.
- QUICK COMFORT gas heaters, parlor gas grates, wood ranges—American Stove Co., St. Louis, Mo.
- QUICKEST expansion tank shelves—Fred A. Tyler, Albany, N. Y.
- QUICK-KLOZE harness snaps—North & Judd Mfg. Co., New Britain, Conn.
- QUICK KUT valve grinding compounds—Hall-Thompson Co., Hartford, Conn.
- QUICK MEAL feed cookers—B. F. Freeland Sons Co., Sturgis, Mich.
- QUICK MEAL gas stoves, gas radiators, soldering furnaces, coal ranges—American Stove Co., St. Louis, Mo.
- QUICK-OPE faucets—Haydenville Co., Haydenville, Mass.
- QUICK OPENING regulating valves—Bridgman Bros. Co., 1422 Washington av, Phila., Pa.
- QUICK OUT feed carriers—Louden Machinery Co., Fairfield, Ia.
- QUICK-OUT fire extinguishers—Safety Fire Extinguisher Co., 291 7th av, New York
- QUICK-PRESSION work basin cocks—Central Brass Mfg. Co., Cleveland, Ohio
- QUICK SAMSON cable grips—Mathias Klein & Sons, 562 W. Van Buren, Chicago, Ill.
- QUICKSET heaters—Brownell Co., Dayton, Ohio
- QUICK SET iron & steel posts—Buffalo Steel Co., Tonawanda, N. Y.
- QUICK-SHARP planer knife grinders—Stockbridge Machine Co., Worcester, Mass.
- QUICK SHIFT anti-rattlers—Bauer Bros. Mfg. Co., Richmond & Carr, Cincinnati, Ohio
- QUICK SHIFT anti-rattlers—D. F. Tanner, Holland, N. Y.
- QUICK SHINE metal polish—Baum's Castorina Co., Rome, N. Y.
- QUICK-TIME clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
- QUICK WHITE shoe blacking & polishes—Whittmore Bros. Corp., Cambridge, Mass.
- QUICKWORK power hammers, rotary shears—Quickwork Co., St. Mary's, Ohio.
- QUICK & EASY cork pullers, ice shavers, lemon squeezers, meat juice presses, milk-shakers, potato mashers—Erie Specialty Co., 520 W. 12th, Erie, Pa.
- QUICK & EASY garden weeder—Albert E. Rinn, Allentown, Pa.
- QUICKER YET clothes washing machines—Globe Mfg. Co., Perry, Ia.
- QUICKWERK railroad tools—The Warren Tool & Forge Co., Warren, Ohio.
- QUINCY tumbling barrels—Central Iron Works, Quincy, Ill.
- QUINCY MARKET ammonia valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
- QUINN bagasse furnaces—John G. Murphy Iron Works, New Orleans, La.
- QUINN smokeless furnaces, refuse burners—Quinn & Co., 715 E. 3rd, Cincinnati, Ohio
- QUINN'S fire pots—Quinn Mfg. Co., Detroit, Mich.
- QUIN-SEE valve & service boxes—Modern Iron Works, Quincy, Ill.
- QUINT boring tools—Wrightsville Hardware Co., Wrightsville, Pa.
- QUINTUPLE garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- QUITETITE pressure reducing valves—Schutte & Koerting Co., 1251 N. 12th, Phila., Pa.
- QUIXET junction boxes—Geo. Cutter Co., South Bend, Ind.
- QUIX-SHINE polishing cloths—Quix Specialty Co., 2754 Germantown av, Phila., Pa.
- QUYNN hay & corn cutter knives—Allen G. Quynn & Co., Frederick, Md.
- R. ringing transformers—Mohawk Electric Mfg. Co., 45 Lawrence, Newark, N. J.
- R.-A. car diaphragms, skid-shoes—Railway Appliance Co., 122 S. Michigan av, Chicago, Ill.
- R. B. F. ball bearings—Hudson Export & Import Co., 1737 Broadway, New York
- R. B. F. thrust bearings—International Engineering Co., 15 Park Row, New York
- R. C. blow-off valves—DeZouche, Hanson & Co., 14 N. 5th, Phila., Pa.
- R. C. O. C. control switches—South Bend Current Control Co., South Bend, Ind.
- R. C. W. WATER MOTOR clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
- R. E. Colton's tool holders—West Haven Mfg. Co., West Haven, Conn.
- R. F. D. automobile & carriage heaters—Kelly Foundry & Machine Co., Goshen, Ind.
- R. F. D. padlocks—Sargent & Co., New Haven, Conn.
- R. F. D. padlocks—Slaymaker Lock Co., Lancaster, Pa.
- R F & C belting—Buffalo Weaving & Belting Co., Buffalo, N. Y.
- R. H. MFG. CO. binder covers—B. Herschel Mfg. Co., Peoria, Ill.
- R.-I.-V. ball bearings—R.-I.-V. Co., 1771 Broadway, New York
- R.-I.-V. Hoffman steel balls—R.-I.-V. Co., 1771 Broadway, New York
- R. I. W. paints—Toch Bros, 320 5th av, New York
- R-K exhaust heads—Walter G. Ruggles Co., 54 High, Boston, Mass.
- R.-L. lamp cord adjusters—Runzel-Lenz Electric Mfg. Co., 1751 N. Western av, Chicago, Ill.
- R. M. C. C. lubricating oils & greases—Phoenix Oil Co., 2554 W. 5th, Cleveland, Ohio
- R. MURPHY'S knives, cork screws—R. Murphy's Sons Co., Ayer, Mass.
- R-N-R frogs, switches & crossings—Indianapolis Switch & Frog Co., Springfield, Ohio
- R-P steam traps—John F. Robertson Co., Park bldg., Pittsburgh, Pa.
- R. P. K. shoe trees—Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.
- R. R. babbitt metal—Aurora Metal Co., Aurora, Ill.
- R. R. JONES plow fenders—Southern Plow Co., Columbus, Ga.
- R R S car derailleurs—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.
- R. S. gasoline engines—Rawleigh-Schreyer Co., Freeport, Ill.
- R.-S. motor cycles—Reading Standard Co., Reading, Pa.
- R. S. CO. concrete inserts—Rockwood Sprinkler Co., Worcester, Mass.



- R. V. humersdorff mache churns—Bing, John, 381 4th av. New York
- R-W 231" folding scaffold brackets—Richards-Wilcox Mfg. Co., Aurora, Ill.
- R. & B. needles—Randall-Falchney Co., Boston, Mass.
- R. & D. belt cements, belt dressing—Reed & Duecker, Memphis, Tenn.
- R. & H. corn shellers—Root-Heath Mfg. Co., Plymouth, Ohio
- R. & L. pipe nipples—National Tube Co., Frick bldg., Pittsburgh, Pa.
- R. & M. piston rings—Modern Electric & Machine Co., 936 Ft. Wayne av, Indianapolis, Ind.
- R. & V. gas engines—Root & Vandervoort Engineering Co., East Moline, Ill.
- RABBETH centrifugal clutch spindles—Draper Corp., Hopedale, Mass.
- RACINE automobile wind shields—Racine Auto Top Co., Racine Wis.
- RACINE bean & pea sorters, grain graders grain separators, fanning mills, end gate seeders—Johnson & Field Mfg. Co., Racine, Wis.
- RACINE equalizers—Harvey Spring & Forging Co., Racine, Wis.
- RACINE equalizers—Racine General Mfg. Co., Racine, Wis.
- RACINE foundry molding machines, molders' flasks—Racine Engine & Machine Co., Racine, Wis.
- RACINE incubators & brooders—Progressive Incubator Co., Racine, Wis.
- RACINE metal cutting-off machines—Racine Tool & Machine Co., Racine, Wis.
- RACINE puttyless windows—Racine Puttyless Window Co., Racine, Wis.
- RACINE rail anchors—John M. Scott & Sons, Racine, Wis.
- RACINE rubber tires—Racine Auto Tire Co., Racine, Wis.
- RACINE spring hinges, ventilating sash locks—Racine Metal Stamping Co. Racine, Wis.
- RACINE JR. riding listers—J. I. Case Plow Works, Racine, Wis.
- RACK-A-ROCK powder—Bendrock Powder Co., 106 Wall, New York
- RACYCLE bicycles—Miami Cycle & Mfg. Co., Middletown, Ohio
- RADIALAXE coal cutters—Ingersoll-Rand Co., 11 Broadway, New York
- RADIANT car furnaces—Germer Stove Co., Erie, Pa.
- RADIANT home gas ranges & heaters—Germer Stove Co., Erie, Pa.
- RADIANT ranges—Cole Mfg. Co., 3218 S. Western ave, Chicago, Ill.
- RADIANT stoves—Grinberg Bros., 154 South, New York
- RADIATOR lock shield valves—McNab & Harlin Mfg. Co., 55 John, New York
- RADICAL shoe blacking—A. B. Polish Co., 1515 Haddon ave, Chicago, Ill.
- RADIFOR bamboo fishing rods—Redifor Rod & Reel Co., Warren, Ohio
- RADIO denatured alcohol—Jefferson Distilling & Denaturing Co., New Orleans, La.
- RADIO desk telephone brackets—American Electric Co., 6401 S. State, Chicago, Ill.
- RADIO luminous paint, powder & cardboard—American Luminous Products Co., Watts, Los Angeles, Cal.
- RADIOCLARITE foundry flux—Basic Mineral Co., 834 Columbus ave, Pittsburgh, Pa.
- RADION electric desk lights—H. C. White Co., North Bennington, Vt.
- RADION gas jet heater & cooking stove—A. G. Kaufman Mfg. Co., 94 Chambers, New York
- RADIUM enameled paper—Bryant Paper Co., Kalamazoo, Mich.
- RADIUM gas heaters—Radium Heater Co., Pittsburgh, Pa.
- RADIUM gas stoves—Peerless Stove & Range Co., Columbus, Ohio
- RADIUM radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
- RADIUM steam heaters—Frank Prox Co., Terre Haute, Ind.
- RADUNITE razor strops—Thomas Mfg. Co., Dayton, Ohio
- RAECOLITH sanitary flooring—Raecolith Flooring Co., Seattle, Wash.
- RAGLAN fire flashed brick—Claycraft Brick Co., Columbus, Ohio
- RAHTJENS marine paints—Amalgamated Paint Co., 371 Wayne, Jersey City, N. J.
- RAILTON-CAMPBELL feed water filters—Ross Valve Mfg. Co., Troy, N. Y.
- RAINBESO packing—Peerless Rubber Mfg. Co., 31 Warren, New York
- RAIN-BESTO asbestos gaskets—Peerless Rubber Mfg. Co., 31 Warren, New York
- RAINBO waterproof belting—Manhattan Belting Co., 329 Lafayette, New York
- RAINBOW belt lacing—Manufacturers Belt Hook Co., 113 N. Green, Chicago, Ill.
- RAINBOW belting—Peerless Rubber Mfg. Co., 31 Warren, New York
- RAINBOW corn & cob mills, fanning mills, grain graders—M. Rumely Co., La Porte, Ind.
- RAINBOW fishing rods—Horton Mfg. Co., Bristol, Conn.
- RAINBOW lawn sprinklers—Hardware Supply Co., Grand Rapids, Mich.
- RAINBOW packing, rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
- RAINTIGHT rubber roofing—Maurice O'Meara Co., 448 Pearl, New York
- RAINTYTE asphalt roofing—Whitaker Paper Co., Eggleston ave, 6th & Lock, Cincinnati, Ohio
- RAISIN VALLEY fodder cutters—Wilder-Strong Implement Co., Monroe, Mich.
- RAISWELL automobile jacks—Lovell-McConnell Mfg. Co., 194 Wright, Newark, N. J.
- RAJAH scrubbing brushes—New Jersey Brush Co., Bloomfield, N. J.
- RALACO gasoline & marine gasoline engines—S. M. Jones Co., Toledo, Ohio.
- RALCO receptacle plugs—Central Electric Co., 302 S. 5th av, Chicago, Ill.
- RALL bascule bridges—Strobel Steel Construction Co., Monadnock blk, Chicago, Ill.
- RALSTON soap makers' presses—Detroit Soap Co., Detroit, Mich.
- RALSTON water stills—John Trageser Steam Copper Works, 447 W. 26th, New York
- RAMAGE paint—International Color & Chemical Co., 1192 Niagara, Buffalo, N. Y.
- RAMAPO switch stands, spring rail frogs, guard, rail clamps—Ramapo Iron Works, Hillburn, N. Y.
- RAMBLE spark plugs—Long Bros., Kokomo, Ind.
- RAMBLER alcohol stoves—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- RAMBLER door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- RAMSDELL laundry tub covers—Household Granite Tub Co., New Haven, Conn.
- RAMSEY bicycles—Corbin Screw Corporation, New Britain, Conn.
- RAMSEY grinder valves—Geo. F. Shevlin Mfg. Co., Saratoga Springs, N. Y.
- RAMSEY iron & steel roofing—St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn.
- RANDALL graphite lubricators—Randall Graphite Sheet Lubricator Co., 816 W. Lake, Chicago, Ill.
- RANDALL & STICKNEY lathe indicators, paper testers, universal screw cutting gauges—Waltham Micrometers Dial Gauge Co., 248 Ash, Waltham, Mass.
- RANDOLPH automobile truck trailers—H. C. Randolph, Jonesville, Mich.
- RANDOLPH cotton hose—Mechanical Rubber Co., 73 Reade, New York
- RANDOLPH'S journal bearing compounds—Duluth Brass Works Co., Duluth, Minn.
- RANGER fruit & vegetable parers—Goodell Co., Antrim, N. H.
- RANVILLE'S LEATHER-TO-METAL belt cements—F. Ranville Co., Grand Rapids, Mich.
- RANVILLE'S WATERIDE belt cements—F. Ranville Co., Grand Rapids, Mich.
- RANVILLE'S wax belt preservatives—F. Ranville Co., Grand Rapids, Mich.
- RANKIN corn & cob mills—Gade Bros. Mfg. Co., Iowa Falls, Ia.
- RANKIN shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
- RANNEY static electric machines—Waite & Bartlett Mfg. Co., 252 W. 29th, New York
- RANSOM emery wheel speed controllers—Ransom Mfg. Co., Oshkosh, Wis.
- RANSOME concrete floors—Turner Construction Co., 11 Broadway, New York
- RAPID automobile wrenches—Kimball Co., Boston, Mass.
- RAPID clothes washing machines—Metal Barrel Co., Galesburg, Ill.
- RAPID clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.
- RAPID concrete mixers—Rapid Mixer Co., Grand Rapids, Mich.
- RAPID feed grinding mills—C. S. Bell Co., Hillsboro, Ohio
- RAPID fireless cookers—Wm. Campbell Co., 160 Addison, Detroit, Mich.
- RAPID force & lift pumps—Wm. Powell Co., Cincinnati Ohio



- RAPID fruit corers—Landers, Frary & Clark, New Britain, Conn.
- RAPID grist mills—Root-Heath Mfg. Co., Plymouth, Ohio
- RAPID log loaders—Clyde Iron Works, Duluth, Minn.
- RAPID metal polish—Baum's Castorina Co., Rome, N. Y.
- RAPID molding machines—Federal Malleable Co., West Allis, Wis.
- RAPID paint & varnish remover—Indianapolis Paint & Color Co., Indianapolis, Ind.
- RAPID pencil sharpeners—C. Spiro Mfg. Co., 68 E. 131st, New York
- RAPID post hole diggers—Hy. Disston & Sons, Tacony, Phila., Pa.
- RAPID potato mashers—Browne & Dowd Mfg. Co., Meriden, Conn.
- RAPID power shears—Otis L. Fuller Co., Goshen, Ind.
- RAPID ready change carriers—Chas. F. Etter, Harrisburg, Pa.
- RAPID roller copier presses—Yawman & Erbe Mfg. Co., Rochester, N. Y.
- RAPID root cutters, vegetable cutters—Silver Mfg. Co., Salem, Ohio
- RAPID steam & hot water heaters—Rapid Heater Co., Grand Rapids, Mich.
- RAPID tap plugs—Rapid Tap Plug Co., Grand Rapids, Mich.
- RAPIDCUT valve grinding compounds—S. B. R. Specialty Co., East Orange, N. J.
- RAPID-EASY garden weeder—W. J. Clark Co., Salem, Ohio
- RAPID FIRE dry batteries—Nungesser Carbon & Battery Co., 1170 E. 38th, Cleveland, Ohio
- RAPID FIRE machine drills—Diamond Expansion Bolt Co., 89 West, New York
- RAPIDITE smokeless powder—Robbin Hood Ammunition Co., Swanton, Vt.
- RAPID TRANSIT dumb waiters—Energy Elevator Co., Philadelphia, Pa.
- RAPID TRANSIT wrenches—Athol Machine Co., Athol, Mass.
- RAPLIN family ice machines—Stevens Mfg. & Supply Co., 343 S. Dearborn, Chicago, Ill.
- RATCHET handle paint & white wash spraying machines—F. E. Myers & Bro., Ashland, Ohio
- RATEAU steam regenerators—Rateau Steam Regenerator Co., 90 West, New York
- RATHBUN vertical gas engines—Rathbun-Jones Eng'g Co., 841 Spencer, Toledo, Ohio
- RATHOLA disinfectants—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.
- RATSCH-PEERLESS baseball bats, base balls, foot balls, striking bags—Chicago Sporting Goods Mfg. Co., 123 S. Jefferson, Chicago, Ill.
- RAVEN enameled wire—Automatic Electric Co., 1001 W. Van Buren, Chicago, Ill.
- RAVEN kitchen sets—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- RAVEN lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
- RAVEN padlocks—Slaymaker Lock Co., Lancaster, Pa.
- RAVEN rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
- RAVEN shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- RAVEN white core rubber covered wire—New York Insulated Wire Co., 114 Liberty, New York
- RAVLWIND-ARGUTO loopers—Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.
- RAWLINGS base balls, base ball & athletic shoes, base ball masks—Rawlings Mfg. Co., 23rd & Lucas ave., St. Louis, Mo.
- RAY snow flangers—Railway Appliance Co., 122 S. Michigan av, Chicago, Ill.
- RAY socket wrenches—Packer Auto Specialty Co., 37 W. Van Buren, Chicago, Ill.
- RAYBESTOS brake linings, brake bands—Royal Equipment Co., Bridgeport, Conn.
- RAYDO liquid polish—L. J. Ulrich & Co., Buffalo, N. Y.
- RAYFIELD carbureters—Findeisen & Kropf Mfg. Co., 2100 S. Rockwell, Chicago, Ill.
- RAYFORD truck units—Rayford Co., 2d & Indiana, Philadelphia, Pa.
- RAYLINE filament tube lamps—Straight Filament Lamp Co., 42 E. 23rd, New York
- RAYMOND stone pulverizers—Raymond Bros., Impact Pulverizer Co., 1319 North Branch, Chicago, Ill.
- RAYMOND'S lead ferrules—Raymond Lead Co., 734 S. Washtenaw ave., Chicago, Ill.
- RAYNTITE fabrikoid, artificial leather—Du Pont Fabrikoid Co., Wilmington, Del.
- RAYO household lamps—Standard Oil Co., of N. Y., 555 W. 25th, New York
- RAYO incubators & brooders—Rayo Incubator Co., Omaha, Neb.
- RAZOR blade kitchen knives—Gibford-Weiffenbach Co., Adrian, Mich.
- RAZOR edge butchers' knives—Meriden Cutlery Co., Meriden, Conn.
- REACTION brush holders—Baylis Co., Bloomfield, N. J.
- REACTO automobile horns—Holtzer-Cabot Electric Co., Brookline, Mass.
- READEANA soldering paste—Reade Mfg. Co., Hoboken, N. J.
- READ EASY electric desk lights—American Electric Co., 6401 S. State, Chicago, Ill.
- READINA solution—Reade Mfg. Co., Hoboken, N. J.
- READING flag pole brackets—Gray Iron Foundry Co., Reading, Pa.
- READING lawn mowers, hardware—Reading Hardware Co., Reading, Pa.
- READING vapor system heating—Reading Heater & Supply Co., Reading, Pa.
- READ'S can openers, window stop screws & washers—A. P. Read Co., 427 W. Randolph, Chicago, Ill.
- READY milling machine dogs—Ready Tool Co., Bridgeport, Conn.
- READY payout reels, pole houses—W. G. Nagel Electric Co., Toledo, Ohio
- READY throttle valves—Wm. Powell Co., Cincinnati, Ohio
- READY-BILT portable fireproof garages—Canton Metal Ceiling Co., Canton, Ohio
- READY GRIP wrenches—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- READY ROCK asphalt roofing—Pioneer Paper Co., Los Angeles, Cal.
- READY SPARK dry batteries—U. S. Auto Battery Co., 60 Warren, New York
- REAL safety razors—Geo. W. Korn Razor Mfg. Co., Little Valley, N. Y.
- REALFLEX armored conductors—Western Conduit Co., Youngstown, Ohio
- REAL SOLID aluminum hollow ware—Buckeye Aluminum Co., Wooster, Ohio
- REARDON hose couplings, compressed air & general machinery company—Stevenson & Ecker, San Francisco, Cal.
- REARWIN emery wheel dressers—Quadriga Mfg. & Specialty Co., 213 W. Grand ave., Chicago, Ill.
- REARWIN emery wheel dressers—H. A. Stocker Machinery Co., 570 W. Randolph, Chicago, Ill.
- REASE economy steam heaters—International Heater Co., Utica, N. Y.
- REA'S self-piercing hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- REBA wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
- RECCO centrifugal pumps—Rider-Ericsson Engine Co., 20 Murray, New York
- RECIPROCITY coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.
- RECO concrete reinforcing materials—Reinforced Concrete Co., Wright bldg. St. Louis, Mo.
- RECO electric sign flashers & electric signs—Reynolds Electric Co., 442 S. Talman av, Chicago, Ill.
- RECORD piston rings, spark plugs—Nilson-Miller Co., Hoboken, N. J.
- RECORD tank heaters—B. F. Freeland Sons Co., Sturgis, Mich.
- RECTANGULAR churns—A. H. Reid Creamery & Dairy Supply Co., 69 & Haverford, Phila., Pa.
- RECTI electric bells—Edwards & Co., 140th & Exterior, New York
- RECTOR incandescent gas mantles—Eclipse Light Co., 583 Broadway, New York
- RED breast packing—Mercer Rubber Co., Hamilton Square, N. J.
- RED brick mortar color—Ricketson Mineral Paint Works, South Bay, Milwaukee, Wis.
- RED sheet packing—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- RED sheets packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.
- RED ARROW explosives (for export only), E. I. du Pont de Nemours & Co., Wilmington, Del.
- REDBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- RED BLACK insulating compounds—Consumers' Rubber Co., Cleveland, Ohio
- RED BULL nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- RED CHIEF corn shellers—Brinley-Hardy Co., Louisville, Ky.
- RED CHIEF feed grinding mills—Red Chief Mfg. Co., Louisville, Ky.
- RED CLIPPER pruning shears—Clyde Cutlery Co., Clyde, Ohio



- RED CORE wire & cable—General Electric Co., Schenectady, N. Y.
- RED CRESCENT packing—Revere Rubber Co., Chelsea, Mass.
- RED CROSS belt dressing—W. D. Allen Mfg. Co., 135 Lake, Chicago, Ill.
- RED CROSS brazing compounds—National Cement & Rubber Co., Toledo, Ohio
- RED CROSS commutator compounds—Hart & Co., Fostoria, Ohio
- RED CROSS explosives—E. I. du Pont de Nemours & Co., Wilmington, Del.
- RED CROSS fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York
- RED CROSS gas stoves—Co-Operative Foundry Co., Rochester, N. Y.
- RED CROSS metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- RED CROSS pipe joint compound—Edgecombe Co., Cuyahoga Falls, Ohio
- RED CROSS rubber cements—National Cement & Rubber Co., Toledo, Ohio
- RED CROSS soda water fountains—Bishop-Babcock-Becker Co., Cleveland, Ohio
- RED CROSS spring wagons—James & Meyer Buggy Co., Lawrenceburg, Ind.
- RED DEVIL cement—Three Forks Portland Cement Co., Denver, Colo.
- RED DEVIL cement—Union Portland Cement Co., Salt Lake City, Utah
- RED DEVIL linemen's tools—Irvington Mfg. Co., Irvington, N. J.
- RED DEVIL massage vibrators—New Britain Mfg. Co., New Britain, Conn.
- RED DEVIL tools—Smith & Hemenway Co., 150 Chambers, New York
- RED DEVIL water motors—Divine Bros. Co., Utica, N. Y.
- RED DIAMOND packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
- RED DRAGON belt dressing, belt cements, pulley covering—Chemical & Engineering Co., Watertown, N. Y.
- RED DRAGON rope fillers—Ironsides Co., Columbus, Ohio
- RED-E boring tools, thread cutting tools, tool holders, tool sets—Ready Tool Co., Bridgeport, Conn.
- RED-E cutting-off tools—Billings & Spencer Co., Hartford, Conn.
- RED E for use razor strops—Gibford Mfg. Co., Adrian, Mich.
- RED E soldering flux—Chase-Shawmut Co., Newburyport, Mass.
- REDEMOTORS gas engines—Elgin Wheel & Engine Co., Elgin, Ill.
- REDFIELD hollow cork fishing tackle—F. E. Chester Mfg. Co., 3 Pine, Providence, R. I.
- RED H permissible explosives—Hercules Powder Co., Wilmington, Del.
- RED HAND riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
- RED HEAD spark plugs—Emil Grossman Mfg. Co., 167 41st, Brooklyn, N. Y.
- RED HOOF shipping cans—Conneaut Can Co., Conneaut, Ohio
- RED HOOP oil cans—Conneaut Can Co., Conneaut, Ohio
- RED HOT gasoline blow torches, melting ladles, solder pots—Ashton Mfg. Co., 17 Nevada, Newark, N. J.
- RED HOT tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.
- REDIFOR bamboo fishing rods—Redifor Rod & Reel Co., Warren, Ohio
- REDIFOR fishing reels—Redifor Rod & Reel Co., Warren, Ohio
- REDIN-EKSTROM metal punches—Redin, Ekstrom & Co., Rockford, Ill.
- RED JACKET canvas stitched belting—National Belting Co., Elyria, Ohio
- RED JACKET gaskets—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- RED-JACKET pumps—Field Pump Co., Columbus, Ohio
- RED JACKET pumps—Red Jacket Mfg. Co., Davenport, Ia.
- RED JACKET tube cleaners—H. W. Caldwell & Son, 17th & Western av, Chicago, Ill.
- RED LABEL dry batteries—Western Electric Co., 463 West, New York
- RED LABEL steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
- REDLANDS pruning shears—Smith, Seymour & Son, Oakville, Conn.
- RED LINE gauge glasses—H. A. Rogers Co., 87 Walker, New York
- RED METAL sash chains—Smith & Egge Mfg. Co., Bridgeport, Conn.
- RED OAK flooring—Mitchell Bros. Co., Cadillac, Mich.
- RED OAK rubber hose—National India Rubber Co., Bristol, R. I.
- REDOXO soapstone—Bull Run Talc & Soapstone Co., Clifton Station, Va.
- RED RIB door hangers—Safety Door Hanger Co., Ashland, Ohio
- RED RIDGE axes—American Axe & Tool Co., Glassport, Pa.
- RED RING cement—Union Sand & Material Co., International Life bldg., St. Louis, Mo.
- RED RIVER blast furnaces—Red River Iron Works, Clarksville, Tenn.
- RED ROSE packing—Home Rubber Co., Trenton, N. J.
- RED ROVER packing—Wise & Bailey, 108 Walnut, Phila., Pa.
- RED RUSTLESS cement pipe joint—Eagle Paint & Varnish Co., North Side, Pittsburgh, Pa.
- RED SEAL chamois—Lasker & Bernstein, 161 William, New York
- RED SEAL crayons—Standard Crayon Mfg. Co., Danvers, Mass.
- RED SEAL dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York
- RED SEAL oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
- RED SEAL rubber tires—Goodyear Tire & Rubber Co., Akron, Ohio
- RED SHIELD dry batteries—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.
- RED SNAKE braided hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- RED STAR boiler compounds—Lake Erie Boiler Compound Co., 198 Chicago, Buffalo, N. Y.
- RED STAR brewers' pitch—German-American Pitch Co., 414 Water, Cincinnati, Ohio
- RED STAR dry batteries—White Star Battery Co., 126 Chambers, New York
- RED STAR explosives (for export only)—E. I. du Pont de Nemours & Co., Wilmington, Del.
- RED STAR powder polish—J. A. Wright & Co., Keene, N. H.
- RED STAR step ladders—Pratt Mfg. Co., Coldwater, Mich.
- RED STAR washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- RED STRIP belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- RED SUNSET packing—Bowers Rubber Works, San Francisco, Cal.
- REDTEX plumbers' rubber goods—Canfield Rubber Co., Bridgeport, Conn.
- RED TOP boys' axes—Mann Edge Tool Co., Lewistown, Pa.
- RED WARRIOR axes—American Axe & Tool Co., Glassport, Pa.
- RED WING packing—Goodyear Rubber Co. & Rubber Clothing Co., 787 Broadway, New York
- REDDEN truck units—Redden Motor Truck Co., 676 Woodward av, Detroit, Mich.
- REDWOOD stoves—Pittston Stove Co., Pittston, Pa.
- RED & READY gas engines—Havana Mfg. Co., Havana, Ill.
- REE row-locks—Wilcox, Crittenden & Co., Middletown, Conn.
- REECE screw plates, counterbores, reamers—F. W. Wells & Son Co., Greenfield, Mass.
- REECE'S new screw plates—Butterfield & Co., Derby Line, Vt.
- REECO electric pumps—Rider-Ericsson Engine Co., 20 Murray, New York
- REED chucks—R. H. Brown & Co., New Haven, Conn.
- REED cultivators—Reed Foundry & Mach. Co., Kalamazoo, Mich.
- REED cylinder grease—Reed Oil Co., Atlanta, Ga.
- REED drilling machines—Francis Reed Co., Worcester, Mass.
- REED hay fork pulleys—F. E. Myers & Bro., Ashland, Ohio
- REED-PRENTICE profiling machines—Reed-Prentice Co., Worcester, Mass.
- REEDS marine gears—Lockwood Mfg. Co., 65 Sumner, Boston, Mass.
- REEDY lever valves—Wm. Powell Co., Cincinnati, O.
- REEL-Z-UP clothes line reels—W. M. Palmer Mfg. Co., 42 Broadway, New York
- REESE broom corn cleaners—F. W. Reese, Paris, Ill.
- REESE roof joint—E. L. Parker & Nimmo Co., 203 S. Charles, Baltimore, Md.
- REEVES bevels, butt gauges—William Williams, Jr., New Britain, Conn.



- REEVES engines—Hope Forge & Machine Co., Mount Vernon, Ohio
- REEVES manganese bronze wheels—Paul S. Reeves & Co., 1415 Catharine, Phila., Pa.
- REEVES threshers, traction engines, wind stackers, grain separators, hay presses, portable saw mills—Emerson-Brantingham Co., Rockford, Ill.
- REEVES variable speed transmission—Reeves Pulley Co., Columbus, Ind.
- REFLECTRIC illuminated signs—Western Display Co., St. Paul, Minn.
- REFLEX hot air furnaces—W. F. Gammeter, Cadiz, Ohio
- REFLEX metal polish—McCormick-Murray Mfg. Co., Rock Island, Ill.
- REFLEX spark plugs—Reflex Ignition Co., Cleveland, Ohio
- REFLEX water gauges—Okadee Co., 14 E. Jackson blvd, Chicago, Ill.
- REFLEX water gauges—Sargent Co., Fisher bldg, Chicago, Ill.
- REFLEX water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.
- REFLEX water gauges, gauge glasses—Jerguson Gage & Valve Co., 88 Broad, Boston, Mass.
- REFORM currycombs—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.
- REFORM steel tube thermometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.
- REG laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
- REGAL clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
- REGAL coffee mills—Landers, Frary & Clark, New Britain, Conn.
- REGAL dashboard clocks—Post & Lester Co., Hartford, Conn.
- REGAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.
- REGAL kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
- REGAL lavatories & fittings—Haines, Jones & Cadbury Co., 1136 Ridge ave, Phila., Pa.
- REGAL roof coatings—H. W. Johns-Manville Co., Madison av & 41st, New York
- REGAL steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.
- REGAL BRAID sash cords—Puritan Cordage Mills, Louisville, Ky.
- REGAN pole rein snaps—Chas. Berry, Somerville, Mass.
- REGAN'S metallic shingles—Cincinnati Stamping Co., 24 W. McMicker ave, Cincinnati, Ohio
- REGAR cocks & bibbs—Regar Brass & Mfg. Co., 1523 E. 45th, Cleveland, Ohio
- REGENT babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.
- REGENT stoves & steel ranges—Pueblo Brass & Iron Foundry, Pueblo, Colo.
- REGINA packing—Crandall Packing Co., Palmyra, N. Y.
- REGINA vacuum cleaners—Regina Co., 47 W. 34th New York
- REGULAR sheet & square pump packing—Boston Belting Co., 84 Linden Park, Boston, Mass.
- REHN'S water softening & purifying apparatus—Compound Injector & Specialty Co., 419 N. Laramie ave, Chicago, Ill.
- REICH'S gas analysis apparatus—Eimer & Amend, 18th & 3rd ave, New York
- REID check valves—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.
- REID gas engines—Frick-Reid Supply Co., Bartlesville, Okla.
- REID screw drivers, churns, cream separators—A. H. Reid Creamery & Dairy Supply Co., 69th & Haverford, Phila., Pa.
- REID'S creamery churns—Vermont Farm Machine Co., Bellows Falls, Vt.
- REID'S putz metal polish—W. E. Reid Mfg. Co., 204 Milk, Boston, Mass.
- REILLY brake shoes—Vulcan Iron Works Co., Toledo, Ohio
- REILLY feed water heaters, distilling evaporators, gasoline filters, oil coolers, oil extractors, steam heaters, hot water generators, water filters—Griscom-Russell Co., 92 West, New York
- REILLY steam pumps—National Foundry & Machine Co., Louisville, Ky.
- REINERT jolting screens—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- REISCHSANTALT photometers—Leeds & Northrup Co., Stenton ave, Gtn., Phila., Pa.
- REISENBERG'S adjustable wrenches—Jones Sharon E. Co., Indianapolis, Ind.
- REKCAP window ventilators—Alfred A. Packer, 7112 Lafayette ave, Chicago, Ill.
- REKFORD superior steel—Horace T. Potts & Co., 318 N. 3rd, Phila., Pa.
- RELIABLE babbitt metal—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.
- RELIABLE bone mills—Mountville Mfg. Co., Mountville, Pa.
- RELIABLE carriage fasteners—Jos. N. Smith & Co., Detroit, Mich.
- RELIABLE cork screws—Smith & Hemenway Co., 76 Chambers, New York
- RELIABLE disc sharpeners—R. Herschel Mfg. Co., Peoria, Ill.
- RELIABLE door hangers—Allith-Prouty Co., Danville, Ill.
- RELIABLE electric hoists—A. J. Cline, 343 S. Dearborn, Chicago, Ill.
- RELIABLE electric horse clippers, wire connectors—Reliable Electric Co., 413 Sangamon, Chicago, Ill.
- RELIABLE extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio.
- RELIABLE gas radiators, gas ovens, sad iron heaters, toasters—Reliable Stove Co., Cleveland, Ohio
- RELIABLE gas ranges, steel ranges, vapor stoves—Schneider & Trenkamp Co., Cleveland, Ohio
- RELIABLE gas stoves, radiators, burners, grates, gasoline blow torches, oil stoves & heaters—American Stove Co., St. Louis, Mo.
- RELIABLE hose couplings—Rauch Mfg. Co., Galena, Kan.
- RELIABLE hot-air furnaces—Bartlett Hayward Co., Baltimore, Md.
- RELIABLE hydraulic pumps—Bishop-Babcock-Becker Co., 49th & Hamilton ave, Cleveland, Ohio
- RELIABLE jacks, folding scaffold brackets—Elite Mfg. Co., Ashland, Ohio
- RELIABLE lightning arresters—Reliable Electric Co., 413 S. Sangamon, Chicago, Ill.
- RELIABLE low water alarms—J. E. Lonergan Co., 211 Race, Philadelphia, Pa.
- RELIABLE lubricators—American Lubricator Co., Detroit, Mich.
- RELIABLE oil & grease cups—Michigan Lubricator Co., Detroit, Mich.
- RELIABLE push buttons—Manhattan Electrical Supply Co., 17 Park pl, New York
- RELIABLE puzzle key rings—Browne & Dowd Mfg. Co., Meriden, Conn.
- RELIABLE reinforcing bar benders—McKenna Co., 1851 E. 38th, Cleveland, Ohio
- RELIABLE safety fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.
- RELIABLE shipping cans—Roseland Can & Specialty Co., Rockford, Ill.
- RELIABLE standard lamp black—Bihn & Wolff Co., Bridesburg, Phila., Pa.
- RELIABLE steel tape—Lufkin Rule Co., Saginaw, Mich.
- RELIABLE stocks & dies—Conant & Donelson Co., Conway, Mass.
- RELIABLE sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio
- RELIABLE vacuum cleaners—Clements Mfg. Co., 609 Fulton, Chicago, Ill.
- RELIABLE wagon tools—Buffum Tool Co., South Side, Louisiana, Mo.
- RELIABLE washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- RELIABLE water pressure regulators—Cooper Sanitary Mfg. Co., Phila., Pa.
- RELIAANCE ammeters & voltmeters—Reliance Instrument Co., 1135 W. Van Buren, Chicago, Ill.
- RELIAANCE belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
- RELIAANCE belting, hose, packing—Bowers Rubber Works, San Francisco, Cal.
- RELIAANCE blotting paper—Albermarle Paper Mfg. Co., Richmond, Va.
- RELIAANCE boiler tubes—Allegheny Steel Co., Farmers' Bank bldg, Pittsburgh, Pa.
- RELIAANCE bolt cutting & threading machines—Foote-Burt Co., Cleveland, Ohio
- RELIAANCE brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
- RELIAANCE canvas wheels, plating barrels—Chas. F. L'Hommedieu & Sons Co., 24 S. Clinton, Chicago, Ill.
- RELIAANCE chisels, drawing knives—Greenlee Bros. & Co., Rockford, Ill.
- RELIAANCE concrete inserts—Concrete Steel Co., 42 Broadway, New York
- RELIAANCE corn & cob mills—Sandwich Mfg. Co., Sandwich, Ill.
- RELIAANCE door hangers, drawer slides—Reliance Ball Bearing Door Hanger Co., 30 E. 42nd, New York



- RELIANCE door springs—Chicago Spring Butt Co., 334 Union Park ct., Chicago, Ill.  
 RELIANCE electric bells—Keil Francis & Son, 401 E. 163rd, New York  
 RELIANCE electric motors & generators—Reliance Electric & Engng. Co., 1064 Ivanhoe rd, Cleveland, O.  
 RELIANCE fire hose—Boston Coupling Co., 156 Pearl, Boston, Mass.  
 RELIANCE fish line—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.  
 RELIANCE garden cultivators—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.  
 RELIANCE gauge cocks, safety water columns, steam traps, water gauges—Reliance Gauge Column Co., Cleveland, Ohio  
 RELIANCE grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 RELIANCE hoisting engines—Reliance Machine & Tool Works, Channing & Franklin avs, St. Louis, Mo.  
 RELIANCE horse nails—Fowler Nail Co., Seymour, Conn.  
 RELIANCE hydraulic jacks—Dienelt & Eisenhardt, 1308 N. Howard, Phila., Pa.  
 RELIANCE hydraulic jacks—Philip S. Justice & Co., 421 Chestnut, Phila., Pa.  
 RELIANCE ice creepers—Jas. B. Holderbaum, Somerset, Pa.  
 RELIANCE lock washers—Reliance Mfg. Co., Massillon, Ohio  
 RELIANCE massage vibrators—Manhattan Electrical Supply Co., 17 Park pl, New York  
 RELIANCE medical batteries—Storage Battery Supply Co., 239 E. 27th, New York  
 RELIANCE mop wringers—August Schubert Wagon Co., Oneida, N. Y.  
 RELIANCE mop wringers—Lee Chair Co., Oneida, N. Y.  
 RELIANCE motor charging rheostats—Reno-Kaetker Electric Co., 610 Baymiller, Cincinnati, Ohio  
 RELIANCE numbering machines—Cushman & Denison Mfg. Co., 240 W. 23rd, New York  
 RELIANCE packing—Empire Tire & Rubber Corp., East Trenton, N. J.  
 RELIANCE rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York  
 RELIANCE rubber roofing—Sall Mountain Co., 230 S. La Salle, Chicago, Ill.  
 RELIANCE sash operating device—Dearborn Hardware Mfg. Co., 2911 Carroll av, Chicago, Ill.  
 RELIANCE shears & scissors, tinners snips—W. H. Compton Shear Co., 314 Camden, Newark, N. J.  
 RELIANCE speedometers & aeroplane tachometers—Nelson Blower & Furnace Co., L & Elkins, Boston, Mass.  
 RELIANCE two-in-one incandescent gas mantles—Reliance Gas Mantle Co., 320 Pearl, New York  
 RELIANCE typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York  
 RELIANCE wood fibre wall plaster—Empire Gypsum Co., Rochester, N. Y.  
 RELIO leaf spring oilers—Brown Spring Oiler Co., 691 Carnegie av, S. E., Cleveland, Ohio.  
 RELIM toothless harrows—Miller & Rellim Co., College, Corner, Ohio  
 RELYO closet seats—Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.  
 REMEK knife switches, transformers—Crock-Wheeler Co., Ampere, N. J.  
 REMINGTON steam heaters—Phelps Bros. Co., 25 Cliff, New York  
 REMORA packing—H. Johnson Co., ft. Gates av, Jersey City, N. J.  
 RE-MO-VIT paint & varnish remover—Flint Varnish Works, Flint, Mich.  
 REMOVITE furniture polish—Glidden Varnish Co., Cleveland, Ohio  
 REMY igniters—Remy Electric Co., Anderson, Ind.  
 RENEWO valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 RENIM junction boxes, electric bell floor treads—Renim Specialty Co., Brighton, Mass.  
 RENO hand screws—Chicago Screw Co., 13 N. Jefferson, Chicago, Ill.  
 RENO hand screws—Detroit Screw Works, 348 Franklin, Detroit, Mich.  
 RENO wall plaster—Pacific Portland Cement Co., San Francisco, Cal.  
 RENOLD chains—Peter A. Frasse & Co., Inc., 417 Canal, New York  
 RENOWN babbitt metal—Metal Sales Co., Citizens bldg, Cleveland, Ohio  
 RENOWN grease cups—Wm. Powell Co., Cincinnati, Ohio  
 RENOWN lubricating oils & greases—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 RENOWN stoves—Independent Stove Co., Owosso, Mich.  
 RENSCHAW ratchet drills—Pratt & Whitney Co., Hartford, Conn.  
 RENSSELAER scales—Jones of Binghamton (Inc.), Binghamton, N. Y.  
 REO cotton hose—Bowers Rubber Works, San Francisco, Cal.  
 REPAUNO explosives—E. I. du Pont de Nemours Co., Wilmington, Del.  
 REPEATER safety razors—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 REPELLO automobile horns—Premier Electric Co., Chicago, Ill.  
 REPUBLIC axes—Rubinow Edge Tool Works, 35 Vesey, Newark, N. J.  
 REPUBLIC gas ranges—Republic Stove Mfg. Co., Cleveland, Ohio  
 REPUBLIC rubber tires—Republic Rubber Co., Youngstown, Ohio  
 REQUOT hot water heaters—Hopson & Chapin Mfg. Co., New London, Conn.  
 RES toilet paper holders, towel bars, sash curtain rods—Res Mfg. Co., 2907 Meinecke av, Milwaukee, Wis.  
 RESCUE fire extinguishers—S. F. Hayward & Co., 250 W. 54th, New York  
 RESCUE fire hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 RESERVE lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 RESILIA spring steel—Cambria Steel Co., Johnstown, Pa.  
 RESISTO gauge glasses—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.  
 RETAW waterproofing materials—National Roofing Co., Tonawanda, N. Y.  
 RETRIEVER car bells & gongs—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.  
 REUTER multiplying & dividing machines—Carl H. Reuter, Land Title bldg., Phila., Pa.  
 REUTHER potato diggers—S. H. Peck's Sons, East Aurora, N. Y.  
 REVELATION china kilns—H. J. Caulkins & Co., State & Griswold, Detroit, Mich.  
 REVERE packing & hose—Revere Rubber Co., 60 High, Boston, Mass.  
 REVERSIBLE ice creepers—Norlund Mfg. Co., Williamsport, Pa.  
 REVERSIBLE ratchet wrenches—Lowell Wrench Co., Worcester, Mass.  
 REVERSIBLE roll paper cutters—Hilts Wrench & Mfg. Co., Richford, N. Y.  
 REVERSO water closets—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 RE-VI-VAR varnish, furniture polish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.  
 RE-VIV-O storage batteries—Cook Railway Signal Co., Denver, Colo.  
 REVOLVATOR elevators—N. Y. Revolving Portable Elevator Co., Jersey City, N. J.  
 REX axle grease—Marshall Oil Co. of Iowa, Marshalltown, Ia.  
 REX babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.  
 REX ball vises—Adolph Muehlmann, 17 Lion bldg., Cincinnati, Ohio  
 REX barn door latches—Arcade Mfg. Co., Freeport, Ill.  
 REX bath & basin plugs—Jenkins Mfg. Co., 20 Vesey, New York  
 REX battery motors—Davis Kendrick Co., Lebanon, N. H.  
 REX belting—Barnum Bros. Co., Troy, N. Y.  
 REX boat anchors—Walter Coleman & Sons, 308 S. Water, Providence, R. I.  
 REX clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 REX dish mops—Eagle Woodenware Mfg. Co., Hamilton, Ohio  
 REX electric bells—P. R. Mfg. Co., Detroit, Mich.  
 REX electric car headlights—Dayton Mfg. Co., Dayton, Ohio  
 REX electric massage vibrators—P. A. Geler Co., Cleveland, Ohio  
 REX enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.  
 REX feed cookers, tank heaters, windmills—Ross Supply Co., Greenville, Ohio  
 REX feed cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.  
 REX fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.  
 REX fire hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.



REX grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 REX hack saw blades & frames—Cutter & Wood Supply Co., 68 Pearl, Boston, Mass.  
 REX hand vacuum cleaners—Rex Cleaner Co., 431 Kent av, Brooklyn, N. Y.  
 REX ironing machines—Adams Laundry Machinery Co., Troy, N. Y.  
 REX lubricating oils & greases—Marshall Oil Co. of Iowa, Marshalltown, Ia.  
 REX metal polish, carriage top dressing—Armiger Chemical Co., 2151 Austin av, Chicago, Ill.  
 REX nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 REX natural gas burners—Lawson Mfg. Co., Homestead, Pa.  
 REX packing—Crandall Packing Co., Palmyra, N. Y.  
 REX packing—Goetze Gasket & Packing Co., South New Brunswick, N. J.  
 REX padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 REX paint waterproofing materials—Ajax Paint Co., Indianapolis, Ind.  
 REX pipe bends & coils—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.  
 REX rat traps—Lovell Mfg. Co., Erie, Pa.  
 REX switch boxes, electric fixture studs, ground connection clamps—W. H. Colgan Co., West Newton, Mass.  
 REX water heaters—Cleveland Heater Co., Cleveland, Ohio  
 REX A high speed steel—Crucible Steel Co. of America, Pittsburgh, Pa.  
 REXALL canvas stitched belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.  
 REX FLINTKOTE roofing felts—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.  
 REXO automobile horns—Garford Mfg. Co., Elyria, Ohio  
 REX RED roofing felts—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.  
 REX SLATE SURFACED roofing felts—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.  
 REX STRIP asphalt, felt & roofing shingles—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.  
 REX-TAN waterproof belting—Bonner & Barnewall, 30 Church, New York  
 REX WIDE SPACE asphalt, felt & roofing shingles—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.  
 REYNOLDS air compressors, gas compressors, Corliss engines, pumping engines—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 REYNOLDS baseball gloves—Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.  
 REYNOLDS grain car loaders—E. Bauder, Sterling, Ill.  
 REYNOLDS tire bolting machines—National Steam Pump Co., Upper Sandusky, Ohio  
 REYNOLDS trace carriers—Frazer & Jones Co., Syracuse, N. Y.  
 REYNOLDS tread horse powers—Messinger Mfg. Co., Tatamy, Pa.  
 REYNOLDS trucks—Lansing Co., Lansing, Mich.  
 RHEINHOLD ice breakers—G. S. Blakeslee & Co., 2856 Quinn, Chicago, Ill.  
 RHENAG gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.  
 RHINELAND thrust bearings—Rhineland Machine Works Co., 1737 Broadway, New York  
 RHINOCEROS thresher belting—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.  
 RHOADES bobbin holders—Draper Corp., Hopedale, Mass.  
 RHOADES-CHANDLER spinning frame separators—Draper Corp., Hopedale, Mass.  
 RHODE ISLAND hoes—Union Fork & Hoe Co., Columbus, Ohio  
 RHODES pruning shears—Rhodes Mfg. Co., Grand Rapids, Mich.  
 RHODES pumice brick—James H. Rhodes & Co., 157 W. Austin av, Chicago, Ill.  
 RHODES slotting machines—Rhodes Mfg. Co., Hartford, Conn.  
 RIBBONIZED metallic packing—Glacier Metal Co., Hull & 22nd, Richmond, Va.  
 RICE gas engines—Trenton Malleable Iron Co., Trenton, N. J.  
 RICE potato diggers—Keystone Farm Machine Co., York, Pa.  
 RICE steam engines—Providence Engineering Corp., 521 S. Main, Providence, R. I.  
 RICE vises—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 RICE & SARGENT corliss engines—Providence Engineering Works, 521 S. Main, Providence, R. I.  
 RICE'S iron & steel filler cements—U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.

RICH barley graders—S. Howes Co., Silver Creek, N. Y.  
 RICH drill chucks—Celfor Tool Co., Buchanan, Mich.  
 RICHARD engine & machine oilers—Ansonia Novelty Co., Ansonia, Conn.  
 RICHARDS aluminum solder—Janney, Steinmetz & Co., Phila., Pa.  
 RICHARDS babbitt metal—Richards & Co., Inc., 192 Beverly, Boston, Mass.  
 RICHARDS door hangers, door pulls, door stops, sleds, grindstone fixtures, grindstones, post hole augers, sliding door locks, window sash pivots—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 RICHARDS tablet machines—Hess & Barker, 605 Samson, Phila., Pa.  
 RICHARDS testing scales—Delaware Metal Refinery, 18th & Washington av, Phila., Pa.  
 RICHARDS JANNEY slime classifiers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 RICHARDSON emery & corundum wheels—Waltham Emery Wheel Co., Waltham, Mass.  
 RICHARDSON gas producers—Ceramic Supply & Construction Co., Columbus, Ohio  
 RICHARDSON levels—Goodell-Pratt Co., Greenfield, Mass.  
 RICHARDSON lubricators, oil filters—Richardson-Phenix Co., Milwaukee, Wis.  
 RICHARDSON rules—Geo. W. Richardson, 4212 W. 24th pl, Chicago, Ill.  
 RICHARDSON scales counting machines, bag filling machines—Richardson Scale Co., 8 Colfax av, Passaic, N. J.  
 RICHARDSON steam heaters—Richardson & Boynton, 31 W. 31st, New York  
 RICHARDSON valves—H. G. Hammett, Troy, N. Y.  
 RICHARDSON ventilators—New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.  
 RICHARDSON BROS. circular saws—National Mfg. & Steel Supply Co., 15 River, Newark, N. J.  
 RICH LEADER step ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio  
 RICHMOND baseball bats—E. C. Brinser & Sons, Richmond, Va.  
 RICHMOND eave-trough hangers—Eureka Fence Mfg. Co., Richmond, Ind.  
 RICHMOND ELECTRIC DRIVEN clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.  
 RICHMOND fertilizer distributors—Wirtz & Hernlen, Augusta, Ga.  
 RICHMOND flour packing machines—P. F. Campbell, 55 Laurel, Phila., Pa.  
 RICHMOND lawn mowers—Dille & McGuire Co., Richmond, Ind.  
 RICHMOND road oil—Standard Oil Co., San Francisco, Cal.  
 RICHMOND vacuum cleaners, heaters, radiators—Richmond Radiator Co., 1480 Broadway, New York  
 RICHMOND variable speed motors—Richmond Electric Works, McDonough, Richmond, Va.  
 RICHMOND woven wire fences—Elliott & Reid Co., Richmond, Ind.  
 RICHTONE wall finish—Arlington Mfg. Co., Canton, Ohio  
 RICKETTS garbage disposal plants—Nightingale Co., 103 Park av, New York  
 RICKETTS illuminated elevator thresholds—Elevator Supplies Co., Hoboken, N. J.  
 RICO street car straps—Railway Improvement Co., 61 Broadway, New York  
 RIC-WIL pipe & boiler covering—Richards, Wilson Pipe Covering Co., Grand Rapids, Mich.  
 RIDGEWOOD rubber hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 RIDLON electrical bearings—Ridlon, Frank, Co., 158 Summer, Boston, Mass.  
 RIED dress hooks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 RIEK'S Christmas tree holders—Rhineland Refrigerator Co., Rhineland, Wis.  
 RIE NIE lubricating oils & greases—Durkee-Atwood Co., 711 N. 3rd av, Minneapolis, Minn.  
 RIES incandescent lamp sockets—W. T. Pringle, Phila., Pa.  
 RIGGIN blow-off valves—Monarch Mach. Works, Altoona, Pa.  
 RIGGS improved plows—Thos. Peppeler Son & Co., Hightstown, N. Y.  
 RIGHT packing, gaskets, bronze washers—Gasket Supply Co., 1927 Ludlow, Phila., Pa.  
 RILEY automobile wind shields—Riley Bros., Bridgeton, N. J.  
 RILEY stokers—Riley Sanford Stoker Co., Worcester, Mass.  
 RINEK manila rope—Rinek Cordage Co., Easton, Pa.



- RING POINT welding plates—Rowe Ring-Point Co., Hartford, Conn.
- RING-ROLL MILL pulverizing machy.—Sturtevant Mill Co., Clayton & Park, Dorchester, Boston, Mass.
- RING TRUE bearing & die castings—General Aluminum & Brass Mfg. Co., Detroit, Mich.
- RIO D'ORO dyewood extracts—Jamaica Dyewood & Chemical Co., 50 Church, New York
- RIPLEY concrete piles—Monks-Ripley Pile Co., 82 Beaver, New York
- RIPLEY grain scoops—Jackson Shovel & Tool Co., Montpelier, Ind.
- RIPLEY isinglass—Howe & French Isinglass Co., 89 State, Boston, Mass.
- RIPOLIN enamels—J. A. & W. Bird & Co., Boston, Mass.
- RIPPER peanut roasters—Bartholomew Co., Peoria, Ill.
- RISDON-JOHNSTON ore concentrators—Union Iron Works Co., 311 California, San Francisco, Cal.
- RISINGER gas lamps, gas lighting systems—Risinger Bros. Co., East Liverpool, Ohio
- RISING SUN packing—Cancos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
- RISING SUN radiators—South Park Foundry & Machine Co., St. Paul, Minn.
- RITCHIE gas engines—Wogaman Bros. Co., Greenville, Ohio
- RITES steam engine governors—Sinker-Davis Co., Indianapolis, Ind.
- RITETITE self soldering connectors—National Electric Specialty Co., Toledo, Ohio
- RITTENHOUSE conduit benders—A. E. Rittenhouse Co., Honeoye Falls, N. Y.
- RITTENHOUSE grass seeders—J. F. Rittenhouse, Liberty Mills, N. Y.
- RIVAL annunciators—Electric Goods Mfg. Co., Canton, Mass.
- RIVAL apple paring machines—Boutell Mfg. Co., Rochester, N. Y.
- RIVAL ash sieves—Geo. H. Jelliff & Son, New Canaan, Conn.
- RIVAL carbon paper, typewriter ribbons—J. A. Heale & Co., 96 John, New York
- RIVAL cooking stoves—Odin Stove Mfg. Co., Erie, Pa.
- RIVAL garden cultivators—Brown-Manly Plow Co., Malta, Ohio
- RIVAL garden cultivators—Thornburgh Mfg. Co., Bowling Green, Ohio
- RIVAL hand carts—La Crosse Plow Co., La Crosse, Wis.
- RIVAL hose—Empire Tire & Rubber Corp., East Trenton, N. J.
- RIVAL lawn sprinklers—Jno. McGowan Co., 52 Central, Cincinnati, Ohio
- RIVAL peanut roasters—Bartholomew Co., Peoria, Ill.
- RIVAL post hole diggers—F. E. Kohler Co., Canton, Ohio
- RIVAL spark plugs—Hampshire Mfg. Co., Hatfield, Mass.
- RIVAL steam & hot water heaters—Novelty Iron Co., Canton, Ohio
- RIVAL steel tape—Lufkin Rule Co., Saginaw, Mich.
- RIVAL stove pipe & elbows—A. Geisel Mfg. Co., 219 S. 2nd, St. Louis, Mo.
- RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York
- RIVERSIDE calcined plaster—Rock Plaster Mfg. Co., 381 4th av, New York
- RIVERSIDE cement—Riverside Portland Cement Mills bldg, San Francisco, Cal.
- RIVERSIDE stoves & ranges—Rock Island Stove Co., Rock Island, Ill.
- RIVETT bench lathes—Rivett Lathe & Grinder Co., 2 Brooks, Brighton, Boston, Mass.
- RIX gear grease—Marshall Oil Co. of Iowa, Marshalltown, Ia.
- RIXDORFER linoleum—P. O. Judson, 114 5th av, New York
- RIXSON door checks, door stops—Oscar C. Rixson Co., 501 S. Jefferson, Chicago, Ill.
- ROACH rail joints—Reinforced Rail Joint Co., Syndicate Trust bldg, St. Louis, Mo.
- ROADOIL road binders & preservatives—Pure Oil Co., Lafayette bldg, Phila., Pa.
- ROANOKE clothes washing machines—Altorfer Bros. Co., Peoria, Ill.
- ROB flushing valves—McShane Bell Foundry Co., Harford av, Baltimore, Md.
- ROBACO steam & hot water heaters—Roberts-Hamilton Co., Minneapolis, Minn.
- ROBB fixture insulating joints—Mitchell Vance Co., 507 W. 24th, New York
- ROBB water tube boilers—International Engineering Works, South Framingham, Mass.
- ROBBINS chain tongs—Oil Well Supply Co., 215 Water, Pittsburgh, Pa.
- ROBBINS chain tongs—Robbins, Gamwell & Co., Pittsfield, Mass.
- ROBBINS chain tongs—Rochester Drop Forge Co., Rochester, N. Y.
- ROBBINS maple flooring—Robbins Lumber Co., Rhinelander, Wis.
- ROBBINS potato planters—Bateman Mfg. Co., Grenlock, N. J.
- ROBERTS alcohol torches—H. C. Roberts Elec. Supply Co., 905 Arch, Phila., Pa.
- ROBERTS bolt clippers—Roberts Mfg. Co., Somerville, Mass.
- ROBERTS boring machines—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.
- ROBERTS bread & drink mixers, churns, & egg & cream heaters—Dorsey Mfg. Co., 39 Pearl, Boston, Mass.
- ROBERTS linemen's climbers—Oshkosh Mfg. Co., Oshkosh, Wis.
- ROBERTS steam heaters—Freed Heater Co., Collegeville, Pa.
- ROBERTSON blow-off valves—Jno. F. Robertson Co., Park bldg, Pittsburgh, Pa.
- ROBERTSON car roofing—Asbestos Protected Metal Co., Beaver Falls, Pa.
- ROBERTSON cinder pit conveyors, pneumatic sand hoists, sand towers—Wm. Robertson & Co., 20 W. Jackson blvd, Chicago, Ill.
- ROBERTSON steam engine indicators—Jas. L. Robertson & Son, 78 Murray, New York
- ROBIN HOOD chloride of lime—F. T. Horton, Hoboken, N. J.
- ROBIN HOOD smokeless gun powder—Robin Hood Ammunition Co., Swanton, Vt.
- ROBINS belt conveyors & rubber belting—Robins Conveying Belt Co., 13 Park row, New York
- ROBINSON folding bath tubs—Davol Rubber Co., 69 Point, Providence, R. I.
- ROBINSON tube cleaner—A. W. Chesterton Co., 64 India, Boston, Mass.
- ROBINSON vises, scratch awls—M. W. Robinson Co., 203-37th, Brooklyn, N. Y.
- ROBINSON & Conley's waste end conveyors—Rush-ton, Carroll Co., 10 Ethan, Providence, R. I.
- ROB ROY belting—B. F. Goodrich Rubber Co., 1925 Michigan av, Chicago, Ill.
- ROBSON oven illuminators—Chas. Robson & Co., 8th & Washington av, Phila., Pa.
- ROCBOND stucco—Rocbond Co., Wren, Ohio
- ROCHESTER apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
- ROCHESTER automobile towing ropes—Barker Mfg. Co., Rochester, N. Y.
- ROCHESTER automobile truck trailers—Rogers Bros. Co., Albion, Pa.
- ROCHESTER helve hammers—West Tire Setter Co., Rochester, N. Y.
- ROCHESTER lubricators—Greene, Tweed & Co., 109 Duane, New York
- ROCHESTER shaft oilers, oil fuse boxes—Riker Mfg. Co., Rochester, N. Y.
- ROCHESTER time recorders—International Time Recording Co. of N. Y., Endicott, N. Y.
- ROCHESTER vacuum cleaners—Rochester Vacuum Cleaner Co., Rochester, N. Y.
- ROCHESTER washing machines—Rochester Rotary Washer Co., Rochester, N. Y.
- ROCHOW veneer cutting machines—Norman Hubbard's Sons, 265 Water, Brooklyn, N. Y.
- ROCK cement plaster—United States Gypsum Co., Chicago, Ill.
- ROCK wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
- ROCK wall plaster—Rock Plaster Mfg. Co., 381 4th av, New York
- ROCKALYTE roofing paints—Continental Paint & Mfg. Co., Cleveland, Ohio
- ROCKAWAY pump governors—Kieley & Mueller, 34 W. 13th, New York
- ROCKBARNES paper fasteners—Rockwell-Barnes Mfg. Co., 823 S. Wabash av, Chicago, Ill.
- ROCK CITY farm wagons—Emerson-Brantingham Co., Rockford, Ill.
- ROCKDALE pruning shears—Smith, Seymour & Son, Oakville, Conn.
- ROCKDALE MILLS stair treads—Woonsocket Mach. & Press Co., Woonsocket, R. I.
- ROCKE portable grain elevators—Meadows Mfg. Co., Pontiac, Ill.
- ROCK EMERY MILL pulverizing machy.—Sturtevant Mills Co., Clayton & Park, Dorchester, Boston, Mass.
- ROCKER maple sugar evaporators—C. S. Bell Co., Hillsboro, Ohio



- ROCKFORD cultivators, gang plows, harrows & pulverizers—Rockford Mfg. Co., Rockford, Ill.  
 ROCKFORD drawer construction cutters—Redin, Ekstrom & Co., Rockford, Ill.  
 ROCKFORD drilling machines—Rockford Drilling Machine Co., Rockford, Ill.  
 ROCKFORD flour sieves—Roseland Can & Specialty Co., Rockford, Ill.  
 ROCKFORD flue stops—Roseland Can & Specialty Co., Rockford, Ill.  
 ROCKFORD planing machines—Ohio Machine Tool Co., Kenton, Ohio  
 ROCKFORD planing machines—Rockford Machine Tool Co., Rockford, Ill.  
 ROCKFORD planing machines—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.  
 ROCKFORD power presses—Rockford Iron Works, Rockford, Ill.  
 ROCKHARD maple flooring—Mitchell Bros. Co., Cadillac, Mich.  
 ROCK ISLAND anvils & vises—Rock Island Mfg. Co., Rock Island, Ill.  
 ROCK ISLAND dry batteries—Manhattan Electric Supply Co., 17 Park pl, New York  
 ROCK ISLAND neck yokes, neck yoke centers—National Neck Yoke Co., Rock Island, Ill.  
 ROCK ISLAND plows, plow coulters, riding listers, corn planting drills—Rock Island Plow Co., Rock Island, Ill.  
 ROCK MOUNTAIN steel wagon skeins—American Skein & Foundry Co., Racine, Wis.  
 ROCK RIVER hay carriers—Strickler Hay Tool Co., Janesville, Wis.  
 ROCKWELL crucible & metal furnaces—W. S. Rockwell Co., 50 Church, New York  
 ROCKWELL fuel oil burners, melting & rivet heating furnaces—Monarch Engng. & Mfg. Co., American Bldg., Baltimore, Md.  
 ROCKWOOD fire sprinklers, dry pipe valves—Rockwood Sprinkler Co., Worcester, Mass.  
 ROCO counting machines—Chas. J. Root, Bristol, Conn.  
 ROCO kitchen enameled ware—Coonley Mfg. Co., Cicero, Ill.  
 ROCOCO radiators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.  
 RODERICK LEAN agricultural implements—Roderick Lean Mfg. Co., Mansfield, Ohio  
 RODGERS waste heat dryers—L. E. Rodgers Engineering Co., 30 N. La Salle, Chicago, Ill.  
 RODIUNA storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 ROE boiler injectors—Stephens Roe Mfg. Co., Detroit, Mich.  
 ROE pressed steel manheads—Glasgow Iron Co., Pottstown, Pa.  
 ROEBLING wire rope, wire rope fittings, iron & steel wire, electrical wires & cables—John A. Roebbling's Sons Co., 117 Liberty, New York  
 ROENIUS coal chutes—Grand Rapids Foundry Co., Grand Rapids, Wis.  
 ROE'S awning fixtures—Roe Justus & Sons, Patchogue, N. Y.  
 ROESSLER'S electric furnaces—Eimer & Amend, 18th & 3rd, New York  
 ROGERS auger handles, mitre planers—Miller's Falls Co., 28 Warren, New York  
 ROGERS belt punches—E. C. Atkins & Co., Indianapolis, Ind.  
 ROGERS carbon paper—Rogers Manifold & Carbon Paper Co., 33 Sullivan, New York  
 ROGERS carbon removers, carriage top dressing—Detroit White Lead Works, Detroit, Mich.  
 ROGERS grate bars—Salamander Grate Bar Co., 126 Liberty, New York  
 ROGERS packing—Chaplin-Fulton Mfg. Co., 34 Penn av, Pittsburgh, Pa.  
 ROGERS saw filing & setting machines—American Wood Working Machinery Co., Rochester, N. Y.  
 ROGER WILLIAMS roofing paper—M. N. Cartier & Sons Co., 289 Canal, Providence, R. I.  
 ROHRER'S sash weights—Caldwell & Drake Iron Works, Columbus, Ind.  
 ROLAMAT wood rolling mats—Keystone Wire Matting Co., Beaver Falls, Pa.  
 ROLAND WILDS' calorimeters—Precision Instrument Co., Detroit, Mich.  
 ROLINCO core oils—Bayerson Oil Works, Erie, Pa.  
 ROLL CORE compounds—Smith Facing & Supply Co., Columbia Bldg., Cleveland, Ohio  
 ROLLAWAY roller bearings—Railway Roller Bearing Co., Syracuse, N. Y.  
 ROLL-A-WAY window screens—Rollaway Screen Co., Burlington, Vt.  
 ROLLERINE roller bearing lubricants—Royersford Fdry. & Mch. Co., Royersford, Pa.  
 ROLLER-SMITH switches, dynamometers, galvanometers & bridges, ohmmeters, wattmeters—Roller Smith Co., 203 Broadway, New York  
 ROLLFAST roller bearing skates—American Skate & Mfg. Co., Reading, Pa.  
 ROLLINSON transformers—Mohawk Electric Mfg. Co., 45 Lawrence, Newark, N. J.  
 ROLLIS combination squares—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.  
 ROLLIS file handles, hollow handle tool sets, vises—M. W. Robinson Co., 35 Wall, New York  
 ROLLMAN nut crackers, apple corers—Rollman Mfg. Co. (Ltd.), Mount Joy, Pa.  
 ROLLMAN tobacco transplanters—New Idea Spreader Co., Coldwater, Ohio  
 ROMAN fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.  
 ROME copper floats—Rome Sanitary Co., Rome, N. Y.  
 ROME copper tea kettles, wash boilers—Rome Mfg. Co., Rome, N. Y.  
 ROMELINK hammocks—New York Couch Bed Co., Meadow & Anable av, L. I. City, N. Y.  
 ROMELINK metallic berths & bunks, bed springs, folding cots—Southern-Rome Co., 623 W. Pratt, Baltimore, Md.  
 ROMEID wire—Rome Wire Co., Rome, N. Y.  
 ROMER axes, hatchets, barking spades—Romer Axe Co., Dunkirk, N. Y.  
 ROMEYN bath waste & overflow—A. D. Mfg. Co., Detroit, Mich.  
 RONBERG concrete shovels—Conneaut Shovel Co., Conneaut, Ohio  
 RONDAX handle wedges, heel plates, chain swivels—W. P. Parry & Son, 200 Seneca, Utica, N. Y.  
 RONEO copying presses, pencil sharpeners—Roneo Co., 117 Leonard, New York  
 RONEY mechanical stokers—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.  
 RONSON automobile wrenches—Ronson Specialty Co., 7 Mulberry, Newark, N. J.  
 ROOF leak varnish—Elliott Varnish Co., 711 S. Kolmar av, Chicago, Ill.  
 ROOF COAT roofing coats, fire resisting paints—Jones Paint Co., Rome, N. Y.  
 ROOFRITE roofing—Lehon Co., W. 45th & S. Western av, Chicago, Ill.  
 ROOKE car fare registers—Rooke Automatic Register Co., 17 Warren, Providence, R. I.  
 ROOT corn planters—Weaver & Co., New Oxford, Pa.  
 ROOT exhaust heads, riveted steel pipe, tubular boilers—Abendroth & Root Mfg. Co., Newburgh, N. Y.  
 ROOT snow plows—Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
 ROOT spring scrapers—Root Spring Scraper Co., Kalamazoo, Mich.  
 ROOT wood boring machines—B. M. Root Co., York, Pa.  
 ROOT & BARRON roofing cements—J. R. Bostwick & H. J. Clifton Springs, N. Y.  
 ROOT-O-U-T bicycle horns—Seiss Mfg. Co., Toledo, Ohio  
 ROOT'S vacuum pumps—P. H. & F. M. Roots, Connersville, Ind.  
 ROOVERS embossing presses—Roovers Bros., 100 Schermerhorn, Brooklyn, N. Y.  
 ROPER centrifugal separators—American Tool & Machine Co., 10 High, Boston, Mass.  
 ROPER propeller wheels, oil & water pumps—C. F. Roper & Co., Hopedale, Mass.  
 ROPOLEUM rope dressing—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.  
 ROSE air tire pumps—J. H. Haney & Co., Hastings, Neb.  
 ROSE grate bars, shaking grates—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.  
 ROSE sad irons—Rosenbaum Mfg. Co., 33 Bleeker, New York  
 ROSE washer cutters—Otto Bernz, 21 Ashland av, Newark, N. J.  
 ROSEDALE pocket screw drivers—Bridgeport Hardware Mfg. Co., Bridgeport, Conn.  
 ROSEDALE screw drivers—Turner & Deegan, Bristol, Conn.  
 ROSEDALE tin plate—Follansbee Bros. Co., Pittsburgh, Pa.  
 ROSEDORE glass shades—Consolidated Lamp & Glass Co., Coraopolis, Pa.  
 ROSENTHAL corn huskers, ensilage cutters—Rosenthal Corn Husker Co., Milwaukee, Wis.  
 ROSS annunciators—Electric Goods Mfg. Co., Canton, Mass.  
 ROSS concrete spades—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.  
 ROSS expansion joints—Alberger Heater Co., Buffalo, N. Y.



ROSS feed & fodder cutters—E. W. Ross Co., Springfield, Ohio  
 ROSS mine ties—Fairmont Mining Machinery Co., Fairmont, W. Va.  
 ROSS organ motors—Ross Valve Mfg. Co., Troy, N. Y.  
 ROSS rotary pumps—Chas. Ross & Son Co., 148 Clason av., Brooklyn, N. Y.  
 ROSSCO glass desk pads—Ravenswood Office Specialties Co., Irving Park bldg., Chicago, Ill.  
 ROSSIE iron ore paints—Rossie Iron Ore Paint Co., Ogdensburg, N. Y.  
 ROSTAND automobile wind shields, book racks, bronze sun dials, colonial candlesticks, cuspidors, door stops, fire-place furnishings—Rostand Mfg. Co., Milford, Conn.  
 ROSTNIGHT coating paints—Billings-Chapin Co., Cleveland, Ohio  
 RO-TAP testing sieve shaker—W. S. Tyler Co., Cleveland, Ohio  
 ROTH blowers—Roth Bros. & Co., Loomis & Adams, Chicago, Ill.  
 ROTHENBUCHER reversible pump valves—Coronum Equipment Co., 89 Fulton, New York  
 ROTHWEILER pipe wrenches—Crescent Forging Co., Oakmont, Pa.  
 ROTHWEILER truck units—Rothweiler Truck Co., Seattle, Wash.  
 ROTHWELL continuous thickeners, cyanide plants—Colorado Iron Works Co., Denver, Colo.  
 ROTO flue cleaners—Water Motors Roto Co., Hartford, Conn.  
 ROTOKOLL telephone switchboards—Electric Goods Mfg. Co., Canton, Mass.  
 ROTOPLATER plating machines—Connecticut Dynamo & Motor Co., Irvington, N. J.  
 ROTURBO centrifugal pumps—Manistee Iron Works Co., Manistee, Mich.  
 ROUGH RIDER springs—Jackson Cushion Spring Co., Jackson, Mich.  
 ROUGH & READY screw drivers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 ROUND oak stoves—P. D. Beckwith, Dowagiac, Mich.  
 ROUSE check valves—Stephens-Roe Mfg. Co., Detroit, Mich.  
 ROUSE hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.  
 ROVER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 ROVER'S egg & cream beaters—G. M. Thurnauer Co., 83 Worth, New York  
 ROWBOTTOM cam milling machines, presses, grinders—Rowbottom Machine Co., Waterbury, Conn.  
 ROWE feed water regulators—Jas. McCrea & Co., 562 W. Washington, Chicago, Ill.  
 ROWE removable screw calks—Rowe Calk Co., Hartford, Conn.  
 ROWELL feed cutters—I. B. Rowell Co., Waukesha, Wis.  
 ROWELL grain disc drills, seeders & sowers—Tiger Drill Mfg. Co., Beaver Dam, Wis.  
 ROWLEY fish screens—Burpee & Letson, Bellingham, Wash.  
 ROXBRO braided & rubber hose, sheet & square pump packing—Boston Belting Co., 84 Linden Park, Boston, Mass.  
 ROXBURY walking plows—Wm. & Hy. Bronson, Roxbury, Conn.  
 ROYAL air valves—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 ROYAL alkali—Royal Chemical Co., Phoenix, R. I.  
 ROYAL aluminum & gold paints—W. W. Lawrence & Co., Pittsburgh, Pa.  
 ROYAL barn door hangers, hay carriers—Louden Machine Co., Fairfield, La.  
 ROYAL belt dressing—Graton & Knight Mfg. Co., Worcester, Mass.  
 ROYAL belt dressing—Manufacturers' Oil & Grease Co., Century bldg., Cleveland, Ohio  
 ROYAL belt dressing—O. F. Zurn Co., Broad & Lehigh, Phila., Pa.  
 ROYAL blanket snaps, flexible buckle shields—North & Judd Mfg. Co., New Britain, Conn.  
 ROYAL butchers' cleavers—John B. Black Co., Chester, Pa.  
 ROYAL canvas stitched belting—Peerless Rubber Mfg. Co., 31 Warren, New York  
 ROYAL card tables—E. T. Burrows Co., 70 Free, Portland, Me.  
 ROYAL cement—Dixie Portland Cement Co., Richard City, Tenn.  
 ROYAL cement plaster—Acme Cement Plaster Co., Frisco bldg., St. Louis, Mo.  
 ROYAL chafing dishes, toilet paper holders—W. H. Sweeney Mfg. Co., 30 Main, Brooklyn, N. Y.  
 ROYAL clothes dryers—Seed Filter & Mfg. Co., 98 Church, New York

ROYAL clothes washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.  
 ROYAL cobblers' outfits—Root-Heath Mfg. Co., Plymouth, Ohio  
 ROYAL coffee roasters, electric portable drills, meat & food choppers—A. J. Deer Co., Hornell, N. Y.  
 ROYAL cooking stoves—Odin Stove Mfg. Co., Erie, Pa.  
 ROYAL corn shellers—Appleton Mfg. Co., Batavia, Ill.  
 ROYAL counter scales—Jones of Binghamton (Inc.), Binghamton, N. Y.  
 ROYAL door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 ROYAL fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.  
 ROYAL fire hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.  
 ROYAL flue stops—Roseland Can & Specialty Co., Rockford, Ill.  
 ROYAL flue stops, stove pipe thimbles—Lalanc & Grosjean Mfg. Co., 299 Broadway, New York  
 ROYAL fly traps—Reynolds Wire Co., Dixon, Ill.  
 ROYAL forge blowers, fire pots, portable forges—Canedy-Otto Mfg. Co., Chicago Heights, Ill.  
 ROYAL foundry brushes—Worcester Brush & Scraper Co., Worcester, Mass.  
 ROYAL hammer handles—Carl Stossel & Co., Front Royal, Va.  
 ROYAL hanging lamps—Plum & Atwood Mfg. Co., Waterbury, Conn.  
 ROYAL harness menders—Louis Sacks, Hamburg pl., Newark, N. J.  
 ROYAL hatchets—John B. Black Co., Chester, Pa.  
 ROYAL hay tedders—Thomas Mfg. Co., Springfield, Ohio  
 ROYAL hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 ROYAL hose connections—Bridgeman Bros. Co., 1426 Washington av., Philadelphia, Pa.  
 ROYAL ice picks—Edw. Parkinson Mfg. Co., 84 Sprague, Providence, R. I.  
 ROYAL inkstands & wells—Weeks-Numan Co., 81 Fulton, New York  
 ROYAL ironing boards—A. G. Christman Co., Reading, Pa.  
 ROYAL lamp chimneys—Gill Bros. Co., Steubenville, Ohio  
 ROYAL lath yarn—St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.  
 ROYAL lawn mowers—E. C. Stearns & Co., Syracuse, N. Y.  
 ROYAL lawn swings—Challenge Co., Batavia, Ill.  
 ROYAL lubricating oils & greases—National Oil Co., 23 W. 31st, New York  
 ROYAL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 ROYAL manganese copper, phosphor copper, phosphor tin, silicon copper—R. F. Lang, 8 Bridge, New York  
 ROYAL marble—Ross & Republic Marble Co., Knoxville, Tenn.  
 ROYAL packing—Greene, Tweed & Co., 109 Duane, New York  
 ROYAL pea hullers—Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.  
 ROYAL pitless scales—Zimmerman Steel Co., Lone Tree, Ia.  
 ROYAL 'platers' compounds—Royal Chemical Co., Phenix, R. I.  
 ROYAL pruning shears—Smith, Seymour & Son, Oakville, Conn.  
 ROYAL ring travelers—Whitaker Reed Co., Worcester, Mass.  
 ROYAL road scrapers, dumping wagons—Smith & Sons Mfg. Co., Kansas City, Mo.  
 ROYAL roasters & baking pans—Silver & Co., 308 Hewes, Brooklyn, N. Y.  
 ROYAL rock crushers—Smith & Sons Mfg. Co., Kansas City, Mo.  
 ROYAL sad irons—Royal Iron Mfg. Co., Big Prairie, Ohio  
 ROYAL shoe polishes—S. M. Bixby & Co., 46th & 2nd av., Brooklyn, N. Y.  
 ROYAL sickle grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.  
 ROYAL sisal manila rope—St. Louis, Mo.  
 ROYAL steam heaters—Hart & Crouse Co., Utica, N. Y.  
 ROYAL steam heaters—Royal Steam Heater Co., Gardner, Mass.  
 ROYAL stock scales—Zimmerman Steel Co., Lone Tree, Ia.  
 ROYAL stone clothes washing machines—H. F. Brammer Mfg. Co., Daveport, Ia.  
 ROYAL stoves—Grinberg Bros., 154 South, New York  
 ROYAL sulky plows—Racine-Sattley Co., Springfield, Ill.



ROYAL typewriters—Royal Typewriter Co., 364 Broadway, New York

ROYAL vacuum cleaners, electric hair dryers—P. A. Geier Co., Cleveland, Ohio

ROYAL ventilators, exhaust heads—Royal Ventilator Co., 415 Locust, Philadelphia, Pa.

ROYAL wagon scales—Zimmerman Steel Co., Lone Tree, Ia.

ROYAL window cleaning appliances—Window Cleaners' Improved Belt & Device Co., 62 W. Washington, Chicago, Ill.

ROYAL woven wire fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.

ROYAL woven wire fences & wire fence stretchers—Elliott & Reid Co., Richmond, Ind.

ROYAL BLUE lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.

ROYAL ARCHER rubber sheeting—Archer Rubber Co., Milford, Mass.

ROYAL BLUE packing—Voorhees Rubber Mfg. Co., Jersey City, N. J.

ROYAL CAFE fry pans—Royal Mfg. Co., 406 Commerce, Philadelphia, Pa.

ROYAL DANE milk cans—Oakes & Burger Co., Catteraugus, N. Y.

ROYAL DE LUXE automobile lamps—Post & Lester, Hartford, Conn.

ROYAL EXTRA belting—Chas. A. Schieren & Co., 30 Ferry, New York

ROYAL FLUSH car fenders & wheel guards—McGuire-Cummings Mfg. Co., Harris Trust & Savings bldg, Chicago, Ill.

ROYAL GEM gasoline lamps—Royal Gas Light Co., 18 W. Kinzie, Chicago, Ill.

ROYAL LEADER sprayer pumps—Field Force Pump Co., Columbus, Ohio

ROYAL OAK axe handles—Wm. Charlesworth Handle Co., Fayetteville, Ark.

ROYAL OAK belting—Smyth-Despard Co., Utica, N. Y.

ROYAL ROCHESTER copper ware—Rochester Stamp- ing Co., Rochester, N. Y.

ROYAL RUSTIC match safes—Royal Mfg. Co., Denckla bldg, Philadelphia, Pa.

ROYAL TORRID steam heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.

ROYAL WORCESTER belt lacing, belt cements—Graton & Knight Mfg. Co., Worcester, Mass.

ROYAL WORCESTER enameled blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.

ROYAL WORCESTER lubricating oils & greases—White & Bagley Co., Worcester, Mass.

ROYAL WORCESTER track brooms & brushes—Worcester Brush & Scraper Co., Worcester, Mass.

ROYAL WORCESTER wire cloth—Wright Wire Co., Worcester, Mass.

ROYBENTOS packing—Royal Equipment Co., Bridge- port, Conn.

ROYDEN marble polishing rings, carborundum tooth saws—Royden Marble Machinery Co., 220 5th av, New York

ROYS weeding hooks—Potter Mfg. Co., Geneva, Ohio

RUBBER collars & cuffs—E. I. du Pont de Nemours & Co., (The Arlington Works), 725-727 Broad- way, New York

RUBBER BACK packing—Boston Belting Co., 84 Lin- den Park, Boston, Mass.

RUBBERBESTOS packing—A. W. Chesterton Co., 64 India, Boston, Mass.

RUBBERGLASS translucent fabrics, cornices & sky- lights—Augier Mills, Ashland, Mass.

RUBBERHIDE boots & shoes—Rubberhide Co., 212 Essex, Boston, Mass.

RUBBER ITE belting & hose—McIlroy Belting & Hose Co., Hammond, Ind.

RUBBEROID handle screw drivers—Vlchek Tool Co., 10711 Quincy av, Cleveland, Ohio

RUBER-OID roofing, motor cloth—Standard Paint Co., 233 Broadway, New York

RUBBEROILEUM linoleum—Ringwalt Linoleum Works, New Brunswick, N. J.

RUBBERSET brushes—Rubberset Co., 56 Ferry, Newark, N. J.

RUBBESTOS rubber heels & rubber soles—Atlantic Mfg. Co., Wilmington, Del.

RUBDRY cotton towels—Rubdry Towel Co., Provi- dence, R. I.

RUBES automobile horns—Automobile Supply Mfg. Co., 220 Taaffe pl, Brooklyn, N. Y.

RUBISPIERRE'S patent leader heads—Greason Mfg. Co., 108 W. 99th, New York

RUBOIL belting, belt fasteners—Ruboil Belting Co., 640 N. 8th, Philadelphia, Pa.

RUB ON paint—J. G. Hetzel, 67 Main, Newark, N. J.

RUBRA boiler oils—Talmage Mfg. Co., Cleveland, Ohio

RUBRISTO set-in-rubber brushes—Hanlon & Good- man Co., 270 Pearl, New York

RUBY garment hangers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.

RUBY lantern globes—Crescent Glass Co., Wellsville, W. Va.

RUBY lubricating oils & greases—J. D. Street & Co., 206 N. 2nd, St. Louis, Mo.

RUBY packing—New York Belting & Packing Co., 91 Chambers, New York

RUBY rubber hose—National India Rubber Co., Bristol, R. I.

RUBY shoveling & end gate boards—Hayes Pump & Planter Co., Galva, Ill.

RUBY soldering fluid—Ruby Chemical Co., Columbus, Ohio

RUBY-RUB metal polish—Hinds & Coon, 126 Pearl, Boston, Mass.

RUD farm wagons—C. O. Rud & Co., Lansing, Ia.

RUDE grain drills—Rude Mfg. Co., Liberty, Ind.

RUDGE WHITWORTH wire wheels—Standard Rol- ler Bearing Co., 50th & Lancaster av, Phila., Pa.

RUDIGER automatic hose cleaners—Consolidated Mfg. Co., 54 Belmont av, Newark, N. J.

RUDOLPHI & KRUMMEL crimping & beading ma- chines, ring forming machines, spring coiling machines, screw cap rolling machines, power presses—American Can Co., Monroe bldg., Chi- cago, Ill.

RUEDORFF'S gas analysis apparatus—Eimer & Amend, 18th & 3rd av, New York

RUFF simplex pasteurizing machines—A. Magnus Sons Co., 327 W. Randolph, Chicago, Ill.

RUFUS spring tooth harrows—Brinly-Hardy Co., Louisville, Ky.

RUGBY steam heaters, tank heaters—J. H. McLain Co., Canton, Ohio

RUGG snow shovels—Rugg Mfg. Co., Greenfield, Mass.

RUGGLES boiler flue & tube cleaners—Caldwell, H. W. & Son Co., 17th & Western av, Chicago, Ill.

RUGGLES stone sawing machines, slate drilling & countersinking machines, wire rope tramways—Ruggles Machine Co., Poultney, Vt.

RUMELY agricultural implements—Advance-Rumely Thresher Co., La Porte, Ind.

RUNDLE-SPENCE drinking fountains—Rundle- Spence Mfg. Co., Milwaukee, Wis.

RUNDLE'S powder thawers—A. J. Rundle, Iron Mountain, Mich.

RUN-EASY clothes washing machines—American Wooden Ware Mfg. Co., Toledo, Ohio

RUN EASY door hangers—E. E. Souther Iron Co., Klenlin & Hamburger, St. Louis, Mo.

RUNWELL lubricating oils & greases—G. C. Woolley Co., 502 E. 20th, New York

RURAL garden plows & cultivators—Empire Plow Co., Cleveland, Ohio.

RURAL sight feed lubricators—Michigan Lubricator Co., Detroit, Mich.

RUSCO asbestos brake linings, automobile belts—Russell Mfg. Co., Middletown, Conn.

RUSDEN steaming machines—Textile Finishing Ma- chinery Co., 171 Westminster, Providence, R. I.

RUSH-E-RASER ink brush erasers—Rush Eraser Co., Syracuse, N. Y.

RUSHFORD farm wagons—Winona Wagon Co., Winona, Minn.

RUSHMORE marine oil lamps—Rushmore Dynamo Works, Plainfield, N. J.

RUSHTON-CARROLL stock conveyors, & under grid cord attachments—Rushton-Carroll Co., 34 Tudor, Cambridge, Mass.

RUS-PRUF road culverts—Butler Mfg. Co., Kansas City, Mo.

RUSSELL electric lamp sockets—E. H. Freeman Elec- tric Co., Trenton, N. J.

RUSSELL hand power presses—Ripley Foundry & Machine Co., Ripley, Ohio

RUSSELL horse nails—Standard Horse Nail Co., New Brighton, Pa.

RUSSELL hot water generators, live steam separa- tors, steam heaters, steam engines—Griscom- Russell Co., Chicago, Ill.

RUSSELL rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio

RUSSELL sidewalk snow plows, graders & ditchers—Russell Grader Mfg. Co., Minneapolis, Minn.

RUSSELL straw stackers—Buffalo Pitts Co., Buffalo, N. Y.

RUSSELL taps, drills & reamers—Russell Mfg. Co., Greenfield, Mass.

RUSSELL traction engines, thresher cylinder wrenches—Russell & Co., Massillon, Ohio

RUSSELL-HAMMER automobile horns—Russell Elec- tric Co., Danbury, Conn.

RUSSETINE shoe blacking & polishes—World Polish Mfg. Co., York, Pa.



- RUSSO fiberite packing—A. W. Chesterton Co., 64 India, Boston, Mass.  
 RUSSWIN door checks, door stops, meat & food choppers, panic-exit door bolts, spring hinges—Russell & Erwin Mfg. Co., New Britain, Conn.  
 RUST clay mixers—Marion Machine, Foundry & Supply Co., Marion, Ind.  
 RUST water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York  
 RUSTKILLA coating paints—Atlas Preservative Co. of America, 95 Liberty, New York  
 RUSTLER potato diggers—Racine-Sattley Co., Springfield, Ill.  
 RUSTLESS padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 RUTENBER electric ranges—Rutenber Electric Co., Logansport, Ind.  
 RUTENBER gasoline engines—Rutenber Motor Co., Marion, Ind.  
 RUTH self-feeders & band cutters for threshers—Maytag Co., Newton, Ia.  
 RUTLAND fire brick, fire clay, furnace cements, marble dust, plastic stove linings, powdered soapstone, wood fibre plaster—Rutland Fire Clay Co., 550 W. 12th, Chicago, Ill.  
 RUTTY wall plugs—J. B. Prescott & Son, Webster, Mass.  
 RUUD THERMAL gas heaters—Ruud Mfg. Co., 428 Penn, Pittsburgh, Pa.  
 RYALLS spindle motions for mules—Ryalls Machinery Corp., Charlottesville, Va.  
 RYAN box hinges—M. C. Ryan Co., Phoenix, N. Y.  
 RYAN park sprinklers—Jas. B. Clow & Sons, Franklin & Harrison, Chicago, Ill.  
 RYAN'S ball cocks—Exeter Brass Works, Exeter, N. H.  
 RYDER grate bars—Salamander Grate Bar Co., 126 Liberty, New York  
 RYDER meter boxes—Clarksville Foundry & Machine Works, Clarksville, Tenn.  
 RYERSON fire hose reels—W. D. Allen Mfg. Co., 570 Lake, Chicago, Ill.  
 RYERSON high speed twist drills & friction saws—Jos. T. Ryerson & Son, 2558 W. 16th, Chicago, Ill.  
 RYHMCOTrolley switches—Railway Materials Co., Railway Exch. bldg, Chicago, Ill.
- S. adjustable wrenches, pincers, linemen's climbers—H. D. Smith & Co., Plantsville, Conn.  
 S. bath & basin traps—Ireland Matthews Mfg. Co., Detroit, Mich.  
 S. combination wrenches—Jno. Stortz & Son, 210 Vine, Phila., Pa.  
 S. pipe fittings & valves—John Simmons Co., 110 Centre, New York  
 S. pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.  
 S-A conveyors, car pulls, friction clutches, mining & revolving screens—Stephens-Adamson Mfg. Co., Aurora, Ill.  
 S. A. E. cap screws—Detroit Screw Works, 348 Franklin, Detroit, Mich.  
 S. B. B. UNIVERSAL malt mills—H. H. Freund, 154 W. 18th, New York  
 S. B. & B. mash filters—H. H. Freund, 154 W. 18th, New York  
 S-C magnet wire—Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y.  
 S-C pump governors, continuous feed water regulators, balanced float valves, relief valves, gauge & valveless cocks—"S-C" Regulator Mfg. Co., Fostoria, Ohio  
 S. C. S. luggage automobile trunks—S. C. Simon & Co., 404 Brown, Phila., Pa.  
 S. F. packing—Schultz Patent Rubber Co., Philadelphia, Pa.  
 S. H. electric desk lights—Stuart-Howland Co., Boston, Mass.  
 S. HALLEY & SON card clothing—Speed & Stephenson, 170 Summer, Boston, Mass.  
 S. J. ADDIS wood carving tools—Peter A. Frasse & Co., 417 Canal, New York  
 S. K. F. ball bearing shaft hangers, ball annular, electrical motors & thrust bearings—S. K. F. Ball Bearing Co., Hartford, Conn.  
 S. K. F. ball bearings—S. K. F. Ball Bearing Co., 1 Wall, New York  
 S. K. F. SELF-ALIGNING ball bearing shaft hangers—S. K. F. Ball Bearing Co., Hartford, Conn.  
 S-M watertight lamp guards—Seidler-Miner Elec. Co., Detroit, Mich.  
 S. M. B. manganese bronze ingots—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.  
 S. M. C. automatic cylinder valves, perpetual rope packing—Specialty Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.  
 S. M. C. brake lining—Staybestos Mfg. Co., Germantown, Philadelphia, Pa.  
 S. M. S. roof flanges—Prier Brass Mfg. Co., Kansas City, Mo.  
 S-N family cleavers—Stephen Richard Co., Southbridge, Mass.  
 S O S cushion springs—Detroit Wire Spring Co., Detroit, Mich.  
 S. P. C. rock shingles—Standard Paint Co., 233 Broadway, New York  
 S. P. V. W. paint & varnish—Southern Paint & Varnish Works, Atlanta, Ga.  
 S. R. knives—Stephen Richard Co., Southbridge, Mass.  
 S. R. O. ball bearings—Marburg Bros., 90 West, New York  
 S. R. S. padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 S. S. babbitt metal—William A. Hardy & Sons Co., 113 Water, Fitchburg, Mass.  
 S. S. cement—Louisville Cement Co., Louisville, Ky.  
 S. S. concrete mixers—Cement Tile Machinery Co., Waterloo, Ia.  
 S. S. S. hose nozzles—Kelly & Jones Co., Pittsburgh, Pa.  
 S. S. S. packing—Crandall Packing Co., Palmyra, N. Y.  
 S. S. & S. magnetic separators, ore concentrators, ore dryers—Sutton, Steel & Steel, Dallas, Texas.  
 S. T. D. ratchet drills—Lowell Wrench Co., Worcester, Mass.  
 S. V. tuck shoe knives—Tucke Mfg. Co., Brockton, Mass.  
 S-W. storage battery enamels—Sherwin-Williams Co., Cleveland, Ohio  
 S. & B. dynamometers—Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.  
 S. & B. metal polish—Uno Mfg. Co., 6433 E. Ravenswood pk, Chicago, Ill.  
 S. & B. post hole augers—Eureka Fence Mfg. Co., Richmond, Ind.  
 S. & C. enclosed fuses, high tension—Delta-Star Electric Co., 617 W. Jackson blvd, Chicago, Ill.  
 S. & CO. saw sets—Sargent & Co., New Haven, Conn.  
 S. & E. M. CO. belt punches, gas pliers—Smith & Egge Mfg. Co., Bridgeport, Conn.  
 S. & H. concrete finishing tools—Smith & Holton Mfg. Co., Clinton, Wis.  
 S. & H. grain cleaning & grading machines—Fooston Mfg. Co., St. Paul, Minn.  
 S. & I. belt punches, chisels, cotter pin extractors, compass saws, glass cutters, hack saw blades, never break screw drivers, tack claws & pullers, universal wrenches—S. & I. Co., Springfield, Mass.  
 S. & K. heaters, distilling apparatus, oil coolers, evaporators—Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.  
 S. & P. burglar alarms—Stanley & Patterson, 23 Murray, New York  
 S. & S. belt dressing—Staplin & Smith Co., 350 W. Austin, Chicago, Ill.  
 S. & S. calipers, vises, gear tooth rounding machines—Schuchardt & Schutte, 90 West, New York  
 S. & S. cesspools—Storch & Scheid, 1102 Wolf, Phila., Pa.  
 S. & S. divided machine vises—Schuchardt & Schutte, 90 West, New York.  
 S & S egg & cream beaters—National Indicator Co., 130 Worth, New York  
 S. & S. gasoline engines, revolving screens, steel centering—Cement Tile Machinery Co., Waterloo, Ia.  
 SABLE harness leather—Shultz Belting Co., Bismarck & Barton, St. Louis, Mo.  
 SABLE packing—H. Johnson Co., ft Gates av, Jersey City, N. J.  
 SACA lamp cord adjusters—Condit Electrical Mfg. Co., 283 Franklin, Boston, Mass.  
 SACHEM belting—Ulmer Leather Co., Norwich, Conn.  
 SACHEM oil cups—Swift Lubricator Co., Elmira, N. Y.  
 SAGO corks—Spanish-American Cork & Specialty Co., Westport, Baltimore, Md.  
 SAGO steel spring cotters—E. P. Smith & Co., Sharon Hills, Pa.  
 SACYON oils—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 SAFE computing cheese cutters—Computing Cheese Cutter Co., Anderson, Ind.  
 SAFE-CABINET medicine cabinets—Safe-Cabinet Co., Marietta, Ohio  
 SAFEDGE safety razors—Safedge Co., Geneva, N. Y.  
 SAFEDUCT flexible metallic conduits—Saylor Electric & Mfg. Co., 115 S. Main, Pittsburgh, Pa.



- SAFE-GUARD check protectors—John Whitaker Mfg. Co., N. Wales, Pa.
- SAFEGUARD electric automobile horns—Duplex Electric Mfg. Co., Pittsburgh, Pa.
- SAFE GUARD fire extinguishers—Knight & Thomas (Inc.), 212 Summer, Boston, Mass.
- SAFE LION ensilage cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
- SAFETY asphalt roofing—National Roofing Co., Tonawanda, N. Y.
- SAFETY burners—Wheeling Stamping Co., Wheeling, W. Va.
- SAFETY car pullers—Link Belt Company, 39th & Stewart av, Chicago, Ill.
- SAFETY coal hole covers—American Mason Safety Tread Co., Lowell, Mass.
- SAFETY door hangers—Safety Door Hanger Co., Ashland, Ohio
- SAFETY door & window bolts—H. E. Clark & Bros., Rochester, N. Y.
- SAFETY drill holders—Beaman & Smith Co., Providence, R. I.
- SAFETY electric car brakes—Lord Mfg. Co., 105 W. 40th, New York
- SAFETY extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
- SAFETY fountain pens—Caw's Pen & Ink Co., 76 Duane, New York
- SAFETY garden plows—Towers & Sullivan Mfg. Co., Rome, Ga.
- SAFETY glass insulators—Brookfield Glass Co., 2 Rector, New York
- SAFETY lamp guards—Wm. Taylor, 203 Broadway, New York
- SAFETY meter seals—United Seal Co., 239 S. Pearl, Columbus, Ohio
- SAFETY neck yoke centers—E. B. Adams & Son, Racine, Wis.
- SAFETY packing—Crandall Packing Co., Palmyra, N. Y.
- SAFETY packing—Steel Mill Packing Co., 42 Larned av, Detroit, Mich.
- SAFETY refuse burners—W. J. Clark Co., Salem, Ohio
- SAFETY steering sleds—Safety Sled Co., Mt. Jewett, Pa.
- SAFETY strain insulators—Electrose Mfg. Co., Washington & Plymouth, Brooklyn, N. Y.
- SAFETY swinging racks—Chas. Nuhning & Bro., 1212 Walnut, Cincinnati, Ohio
- SAFETY tapping chucks—Peters Bros. Mfg. Co., Algonquin, Ill.
- SAFETY trench braces—Harold L. Bond Co., 391 Atlantic av, Boston, Mass.
- SAFETY CHECK dumb waiters—Wm. T. King, 453 Broadway, Brooklyn, N. Y.
- SAFETY CHECK paper—Geo. La Monte & Son, 61 Broadway, New York.
- SAFETY FIRST fire extinguishers—Hacker Mfg. Co., 410 Pearl, Cincinnati, O.
- SAFETY FIRST rubber gloves—M. W. Dunton Co., 150 Niagara, Providence, R. I.
- SAFETY FIRST shifters belt—Ready Tool Co., Bridgeport, Conn.
- SAFETY TREAD rubber heels—Elastic Tip Co., 370 Atlantic av, Boston, Mass.
- SAFETY TRIUMPH hypodermic syringes—Randall-Faichney Co., Boston, Mass.
- SAGAMORE belting—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- SAGAMORE rubber hose—National India Rubber Co., Bristol, R. I.
- SAGENDOFF metallic shingles—Penn Metal Ceiling & Roofing Co. (Ltd.), 23rd & Hamilton, Phila., Pa.
- SAGENG machine tongues—Fosston Mfg. Co., St. Paul, Minn.
- SAGER axes—Warren Axe & Tool Co., Warren, Pa.
- SAGINAW maple flooring—S. L. Eastman Flooring Co., Saginaw, Mich.
- SAGINAW silos—McClure Co., Saginaw, Mich.
- SAGINAW wood faucets—Automatic Faucet & Spigot Co., Saginaw, Mich.
- SAHARA canvas stitched belting—Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.
- SAHARA packing—Crandall Packing Co., Palmyra, N. Y.
- ST. CLAIR fish spears—Bonafide Mfg. Co., Plymouth, Mich.
- ST. CLAIR gas ranges—Belleville Stove & Range Co., Belleville, Ill.
- ST. CRISPEN horse rasps—Stokes Bros. Mfg. Co., Freehold, N. J.
- ST. FRANCIS typewriter ribbons—Ernest Dalton, 444 Market, San Francisco, Cal.
- ST. JOE fly swatters—David Carswell, St. Joseph, Mo.
- ST. JOE riding listers—St. Joseph Plow Co., St. Joseph, Mo.
- ST. JOHN gas meters, steam meters—G. C. St. John, 280 Madison av, New York
- ST. JOHN packing—Hartford Engine Works, Hartford, Conn.
- ST. JOHN packing—H. B. Underwood & Co., 1025 Hamilton, Phila., Pa.
- ST. JOHN steam meters—American District Steam Co., No. Tonowanda, N. Y.
- ST. LOUIS boll extractors—Alsop Process Co., St. Louis, Mo.
- ST. LOUIS car bells & gongs, side bearings—St. Louis Car Co., 8000 N. Broadway, St. Louis, Mo.
- ST. LOUIS car doors & fittings—Western Railway Equipment Co., Central Nat'l. Bk. bldg, St. Louis, Mo.
- ST. LOUIS gate latches—Wrightsville Hardware Co., Wrightsville, Pa.
- ST. LOUIS hand carts—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
- ST. MARYS friction clutch pulleys—St. Marys Machine Co., St. Marys, Ohio
- ST. PAUL traction engines—St. Paul Machinery Mfg. Co., St. Paul, Minn.
- ST. PAUL ventilators, wall ties—St. Paul Roofing, Cornice & Ornament Co., West St. Paul, Minn.
- SALAMANDA packing—New York Belting & Packing Co., 91 Chambers, New York
- SALAMANDER grate bars—Salamander Grate Bar Co., 126 Liberty, New York
- SALAMANDER insulated wire—Independent Lamp & Wire Co., 1733 Broadway, New York
- SALAMANDER packing—Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.
- SALAMANDER steel rolling doors—J. G. Wilson Corp'n., The, 8 W. 40th, New York
- SALEM belting—Mercer Rubber Co., Hamilton, N. J.
- SALEM elevator & conveyor buckets—W. J. Clark Co., Salem, Ohio
- SALEM elevator & conveyor buckets—Moore & Lorenz Co., 2144 W. Fulton, Chicago, Ill.
- SALEM miners' coal augers—Salem Tool Co., Salem, Ohio
- SALEM traps—Jos. H. Young Co., 82 High, Boston, Mass.
- SALISBURY paper fasteners—Salisbury Mfg. Co., 14 Leather av, Providence, R. I.
- SALISBURY sheet packing—W. W. Salisbury & Co., 105 S. Wabash av, Chicago, Ill.
- SALISBURY transmission gears—Buffalo Engine Co., Buffalo, N. Y.
- SAL-MO felt shingles—Sall Mountain Co., 230 S. La Salle, Chicago, Ill.
- SALOME chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- SALVAGE fire extinguishers—American-La France Fire Engine Co., Elmira, N. Y.
- SAMMON dry batteries—Electric Goods Mfg. Co., Canton, Mass.
- SAMPSON box straps—W. F. Robertson Steel & Iron Co., Elm & Commerce, Cincinnati, Ohio
- SAMPSON extension ladders—Rich Pump Co., South & Depot, Cincinnati, Ohio
- SAMPSON harness snaps—Sargent & Co., New Haven, Conn.
- SAMPSON nail pullers—L. F. Grammes & Sons, Allentown, Pa.
- SAMPSON sash locks—Ellis Mfg. Co., Milldale, Conn.
- SAMPSON screen door hinges—Champion Hardware Co., Geneva, Ohio
- SAMPSON shoveling & end gate boards—Nagley Mfg. Co., Lyons, N. Y.
- SAMPSON waste baling presses—Ripley Foundry & Machine Co., Ripley, Ohio
- SAMPSON wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.
- SAMSCO centrifugal pumps—San Antonio Machine & Supply Co., San Antonio, Tex.
- SAMSON ash sifters—Steinfeld Bros., 116 W. 32nd, New York
- SAMSON automobile & carriage heaters, telephones & apparatus—American Electric Co., 6401 S. State, Chicago, Ill.
- SAMSON back band buckles—Stanley Works, New Britain, Conn.
- SAMSON back book sewing machines—Samson Back Book Machine Co., Reading, Pa.
- SAMSON batteries—Electric Goods Mfg. Co., Canton, Mass.
- SAMSON belt lacing—Norwich Belt Mfg. Co., Norwich, Conn.
- SAMSON by-pass valves, cross valves, regrinding valves—Lunkenheimer Co., Beckman & Waverly, Cincinnati, Ohio
- SAMSON centrifugal pumps—Samson Iron Works, Stockton, Cal.



- SAMSON chains—Cleveland Galvanizing Works Co., 3924 Cooper av., N. E., Cleveland, Ohio
- SAMSON closet seats—Van Arnham Mfg. Co., Ft. Wayne, Ind.
- SAMSON concrete building block machinery, fire hose shut off—D. G. Rowell, Appleton, Wis.
- SAMSON cork pullers—Erie Specialty Co., 520 W. 12th, Erie, Pa.
- SAMSON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- SAMSON dynamite—Independent Powder Co. of Missouri, Joplin, Mo.
- SAMSON feldspar roofing—Keystone Roofing Mfg. Co., York, Pa.
- SAMSON hay carriers—Appleton Hay Tool Co., Appleton, Wis.
- SAMSON hoists—English Iron Works Co., Kansas City, Mo.
- SAMSON hoof parers—Leavitt Mfg. Co., Urbana, Ill.
- SAMSON horse collars—Couch Bros. Mfg. Co., Atlanta, Ga.
- SAMSON hose couplings—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- SAMSON insulating compounds—Consumers' Rubber Co., Cleveland, Ohio
- SAMSON jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
- SAMSON oil & grease cups—Pemberton Injector Co., 346 Holden av., Detroit, Mich.
- SAMSON ore crushers—Elspass Engineering & Mining Machinery Co., Denver, Colo.
- SAMSON packing, rubber horse shoe pads—Revere Rubber Co., 60 High, Boston, Mass.
- SAMSON padlock locks—U. S. Lock & H'dwe. Co., Columbia, Pa.
- SAMSON plaster—American Cement Plaster Co., Lawrence, Kan.
- SAMSON porch columns—Washington Mfg. Co., Tacoma, Wash.
- SAMSON rail benders—Q. & C. Co., 90 West, New York
- SAMSON rock crushers—Samson Mfg. Co., Denver, Colo.
- SAMSON saw sets, post hole diggers—Hy. Disston & Sons, Tacony, Phila., Pa.
- SAMSON screw drivers—Union Hardware Co., Torrington, Conn.
- SAMSON screw drivers, screw driver bits—Sawyer Tool Mfg. Co., Ashburnham, Mass.
- SAMSON sweep horse powers—Sandwich Mfg. Co., Sandwich, Ill.
- SAMSON tack claws & pullers—Bradley & Farnham, Middlefield, Conn.
- SAMSON tack claws & pullers—Rocky Hill Hardware Co., Rocky Hill, Conn.
- SAMSON tanners' snips—Peck, Stow & Wilcox Co., Southington, Conn.
- SAMSON tube brushes—Albert E. Rinn, Allentown, Pa.
- SAMSON turbine water wheels—Jas. Leffel & Co., Springfield, Ohio
- SAMSON wagon jacks—L. J. Kelly Mfg. Co., Albany, N. Y.
- SAMSON wagon jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.
- SAMSON windmills—Portable Elevator Mfg. Co., Bloomington, Ill.
- SAMSON windmills—Stover Mfg. Co., Freeport, Ill.
- SAMSON wire stretchers—Keystone Steel & Wire Co., Peoria, Ill.
- SANALOID paints—B. Binswanger & Co., 827 N. 3rd, Phila., Pa.
- SAN ANTONIO cement—San Antonio Portland Cement Co., San Antonio, Texas.
- SANASEP paper cups—Sanitary Paper Cup Co., 17 Harcourt, Boston, Mass.
- SANBORN book backing machines—Latham Machinery Co., 306 S. Canal, Chicago, Ill.
- SANBORN steam heaters—Sanborn Furnace Co., Methuen, Mass.
- SANCHO oil cups—Swift Lubricator Co., Elmira, N. Y.
- SANCO rubber hose—Republic Rubber Co., Youngstown, Ohio
- SANCO steam & hot water heaters—Samuel Sloan & Co., 67 Exchange, Rochester, N. Y.
- SANCOTA wall finish—F. O. Pierce Co., 12 W. Broadway, New York
- SANDAGE steel wagon skeins—American Skein & Foundry Co., Racine, Wis.
- SANDAGE steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.
- SANDERS floor thimbles—American Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.
- SANDERS plows—Sanders Newell Plow Co., Chattanooga, Tenn.
- SANDOVAL plow coulters—Galesburg Coulter Disc Co., Galesburg, Ill.
- SANDOW belting mfrs., rubber hose, rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio
- SANDOW concrete mixers, gasoline engines, gasoline engine trucks—Sandy McManus, Waterloo, Ia.
- SANDOW farm trucks—Emerson-Brantingham Co., Rockford, Ill.
- SANDOW oil engines—Detroit Motor Car Supply Co., Detroit, Mich.
- SANDS lavatories—A. B. Sands & Son Co., 22 Vesey, New York
- SANDS oilers—Sands Steel Specialties Co., 6947 Susquehanna, Pittsburgh, Pa.
- SANDUSKY clothes washing machines—One Minute Washer Co., Sandusky, Ohio
- SANDUSKY tractors—Dauch Mfg. Co., Sandusky, O.
- SANDVIKEN Swedish steel—J. Wilckes Co., 135 William, New York
- SANDWICH hand carts, portable grain elevators—Sandwich Mfg. Co., Sandwich, Ill.
- SANDWICH ISLANDS hoes—American Fork & Hoe Co., Cleveland, Ohio
- SANFORD logging tools—American Logging Tool Co., Evart, Mich.
- SANFORD paste—Sanford Mfg. Co., Congress & Peoria, Chicago, Ill.
- SANGAMO ampere hour meters—Sangamo Electric Co., Springfield, Ill.
- SANGAMO cultivators—Racine-Sattley Co., Springfield, Ill.
- SANICAP fruit jar caps—American Can Co., 120 Broadway, New York.
- SANI-COVER cuspidors—Franks Sani-Cover Supply Co., 748 Main, Cambridge, Mass.
- SANI-FLAT oil paints—Benj. Moore & Co., 231 Front, Brooklyn, N. Y.
- SANIGLASS goggles & eye protectors—Julius King Optical Co., 10 Maiden Lane, New York
- SANI-PAPER towels—Wayne Paper Goods Co., Ft. Wayne, Ind.
- SANISTEEL closet seats, medicine cabinets, water closet tanks—Sanisteel Co., 1200 Niagara, Buffalo, N. Y.
- SANISTEEL medicine cabinets—Jamestown Window Screen Co., Jamestown, N. Y.
- SANI-STEEL washboards—Kanneberg Roofing & Ceiling Co., Canton, Ohio
- SANITANT disinfectants—Fort Pitt Chemical Co., 200 S. Highland av., Pittsburgh, Pa.
- SANITARY absorbent cotton—Maplewood Mills, Fall River, Mass.
- SANITARY ice cream cans, milk cans—Dairymen's Mfg. Co., Warren, Jersey City, N. J.
- SANITARY insect destroyers—Rubber Step Mfg. Co., Exeter, N. H.
- SANITARY spice jar holders—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- SANITAS closet spuds—Trenton Brass & Machine Co., Trenton, N. J.
- SANITAS drinking fountains—J. H. D. Chamberlain Co., Springfield, Mass.
- SANITAS drinking fountains, bidets, flushing valves—Sanitas Mfg. Co., 54 Union, Boston, Mass.
- SANITAS sanitary flooring—Marbleoid Co., 47 W. 34th, New York
- SANITAS wall coverings—Standard Oil Cloth Co., 320 Broadway, New York
- SANITOR kitchen tables—White Enamel Refrigerator Co., 1340 Universal av., St. Paul, Minn.
- SANITREAD safety stair treads—Concrete Steel Co., 42 Broadway, New York
- SAN-O-LA bath room fixtures & furnishings—Art Brass Co., 299 E. 134th, New York
- SANOS sewer gas traps—Jenkins Mfg. Co., Bloomfield, N. J.
- SANSEALO back water traps, floor drains—Crampton-Farley Brass Co., Kansas City, Mo.
- SANSON car movers—Marseilles Co., East Moline, Ill.
- SANTA CLARA defecators—Blymyer Iron Works Co., Cincinnati, Ohio
- SANTA CLAUS storage batteries—J. H. Bunnell & Co., 32 Park pl., New York
- SANTA CRUZ cement—Santa Cruz Portland Cement Co., Crocker bldg., San Francisco, Cal.
- SANTO vacuum cleaners—Santo Mfg. Co., 21st & Lippincott, Phila., Pa.
- SANYMETAL toilet partitions—R. F. Carpenter Mfg. Co., Cleveland, Ohio.
- SAPOLIN enamels, paints, varnishes, furniture polish & wood stains—Gerstendorfer Bros., 221 E. 42nd, New York.
- SAPPHIRE wire drawing dies—John Wennstrom's Sons Co., Suffern, N. Y.



SARANAC corrugated joint fastener driving machines—Saranac Machine Co., Benton Harbor, Mich.  
 SARANAC rubber hose—National India Rubber Co., Bristol, R. I.  
 SARCO asphalt, asphalt fillers, asphalt pipe dip, insulating compounds, mineral rubber, road binders & preservatives—Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.  
 SARCO combustion recorders, flue gas analyzers, heat regulators, recording calorimeters—Sarco Engineering Co., South Ferry bldg., New York  
 SARGENT car gates & guards—Smith & Wallace, Woburn, Mass.  
 SARGENT car replacers—Sargent Co., Fisher bldg., Chicago, Ill.  
 SARGENT door checks, hollow handle tool sets, saw vises, builders hardware—Sargent & Co., New Haven, Conn.  
 SARGENT steam engines—Providence Engineering Corp., 521 S. Main, Providence, R. I.  
 SARGENT steam meters, anglemeters, draft gauges—Sargent Steam Meter Co., 1902 N. California, Chicago, Ill.  
 SARGENT tile ditcher—Sargent Tile Ditcher Co., Ft. Dodge, Ia.  
 SASGEN derricks, stone grab hooks, stone handling tongs, traveling cranes, winches—Sasgen Derrick Co., 3101 W. Grand av. Chicago, Ill.  
 SATAN electro magnets—Sumter Electric Co., 1466 Michigan av. Chicago, Ill.  
 SATIN toilet paper holders—Shelby Spring Hinge Co., Shelby, Ohio  
 SATIN SPAR finishing plaster—American Cement Plaster Co., Lawrence, Kans.  
 SATINA copper paints—Chas. H. Brown Paint Co., 188 Montague, Brooklyn, N. Y.  
 SATINETTE enamels—Standard Varnish Works, Port Richmond, N. Y.  
 SATINOLA tan shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.  
 SATTLEY cultivators, corn planters, plows, equalizers, fertilizer attachments—Racine-Sattley Co., Springfield, Ill.  
 SATURN oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.  
 SATURN packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.  
 SATURN packing—Mechanical Rubber Co., Cleveland, Ohio  
 SATURN padlock locks—U. S. Lock & H'dwe. Co., Columbia, Pa.  
 SAUNDERS pattern pipe cutters—Collmer Bros., S. Bend, Ind.  
 SAUNDERS pattern pipe cutters—Oswego Tool Co., Oswego, N. Y.  
 SAUNDERS pipe cutter wheels—Barnes Tool Co., New Haven, Conn.  
 SAUNDERS pneumatic lifts, return air pumps—Ingersoll-Rand Co., 11 Broadway, New York  
 SAURER motor fire engines—International Motor Co., 64th & West End av, New York  
 SAUVEUR microscopes—Sauveur & Boylston, Cambridge, Mass.  
 SAVAGE rubber tires—Savage Tire Co., San Diego, Cal.  
 SAVE-A-COAT wood fillers—Richmond Bros., 117 E. 6th, Cincinnati, Ohio  
 SAVE-ALL ash sifters—R. Brownson & Co., St. Paul, Minn.  
 SAVELOT spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.  
 SAVER clothes washing machines—Saver Machine Co., 18 Broadway, New York  
 SAVOGRAM car cleaning compounds—India Alkali Works, 28 India Wharf, Boston, Mass.  
 SAVORY roasters, baking pans & steam cookers—Republic Metalware Co., Buffalo, N. Y.  
 SAWVIAN wrenches—Harris & Reed, 1500 W. 15th, Chicago, Ill.  
 SAWYER belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.  
 SAWYER-FULFORD bag filling machines, revolving scales—W. H. Sawyer & Sons, Americus, Ga.  
 SAWYER SILENT SALESMAN—Counter Display Baskets—New Haven, Conn.  
 SAWYER'S leather measuring machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.  
 SAWYER'S metal polish—Howard B. Sawyer Oil Co., 65 Long Wharf, Boston, Mass.  
 SAWYERS throttle valves—Chas. F. Pekor Foundry & Iron Works, Columbus, Ga.  
 SAXON automobile horns—Russell Electric Co., Danbury, Conn.  
 SAXON post binders—National Blank Book Co., Holyoke, Mass.  
 SAXON wrenches—Kilborn & Bishop Co., New Haven, Conn.

SAXTON'S horse shoes—Fibre Cushion Horse Shoe Co., 88 New Chambers, New York  
 SAYBOLT viscosimeters—Chas. J. Tagliabue Mfg. Co., 20 33d, Brooklyn, N. Y.  
 SAYBROOK spray pumps—W. & B. Douglas, Middletown, Conn.  
 SAYER butchers' show cases—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.  
 SAYLOR cement—Coplay Cement Mfg. Co., Coplay, Pa.  
 SCAIFE filters, steel tanks, trestles, towers, stacks, stand pipes, tipples—Wm. B. Scaife & Sons Co., First Nat'l Bank bldg., Pittsburgh, Pa.  
 SCALECIDE spraying compounds—B. G. Pratt Co., 50 Church, New York  
 SCALE-OFF boiler compounds—Howard Chemical Co., 63 Fulton, New York  
 SCALINE boiler compounds—International Boiler Cleaning Co., 343 N. Calvert, Baltimore, Md.  
 SCANDINAVIA belting—Scandinavia Belting Co., 106 Reade, New York  
 SCANDINAVIAN padlocks—Union Hardware Co., Torrington, Conn.  
 SCHADE regulating valves—Schade Valve Mfg. Co., 2544 N. American, Phila., Pa.  
 SCHAEFFER & BUDENBERG indicating gauges—Schaeffer & Budenberg Mfg. Co., Berry & So. 5th, Brooklyn, N. Y.  
 SCHAFER ball bearings—Barthel & Daley, 1790 Broadway, New York  
 SCHAFFER car wheel presses—McCall Machine Works, Rochester, N. Y.  
 SCHANK cement sewer pipe machinery—Cement Tile Machinery Co., Waterloo, Ia.  
 SCHEBLER carbureters, gasoline strainers—Wheeler-Schebler Carbureter Co., Indianapolis, Ind.  
 SCHEIDEL X-ray apparatus—Scheidel Western X-Ray Co., 737 W. Van Buren, Chicago, Ill.  
 SCHELLENBACH lathes—John B. Morris Machine Tool Co., Court & Harriet, Cincinnati, Ohio  
 SCHENCK fire hose reels—Revere Rubber Co., 60 High, Boston, Mass.  
 SCHENECTADY gas engines—Westinghouse Co., Schenectady, N. Y.  
 SCHICKS baling presses—Davenport Mfg. Co., Davenport, Ia.  
 SCHILDBACK automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.  
 SCHILLING adjustable racks—A. F. Flanders Mfg. Co., Buffalo, N. Y.  
 SCHINDLER bolting cloth—Cornelius Mill Furnishing Co., 119 N. 6th, St. Louis, Mo.  
 SCHIPPACH crucible clays—Kern Commercial Co., 114 Liberty, New York  
 SCHLECHER & SCHNELL filter paper—Eimer & Amend, 18th & 3rd av, New York  
 SCHLUETER floor surfacing machines—M. L. Schlueter, 225 W. Illinois, Chicago, Ill.  
 SCHMIDT pumping jacks—B. L. Schmidt Co., Davenport, Ia.  
 SCHMIDT rail sawing machines—Track Necessities Co., 343 S. Dearborn, Chicago, Ill.  
 SCHMIDT & BAUS oxide of zinc—J. A. & W. Bird & Co., 88 Pearl, Boston, Mass.  
 SCHNEIDER heaters—Schneider Heating Device Co., Cleveland, Ohio  
 SCHOENHEER-SHEET steel baskets—Hall Mfg. Co., Monticello, Ia.  
 SCHOENMEHL circuit batteries—Waterbury Battery Co., Waterbury, Conn.  
 SCHOFIELD cloth cutting machines—Birmingham Iron Foundry, Derby, Conn.  
 SCHOFIELD potato planters, potato diggers, sickle grinders—Schofield & Co., Freeport, Ill.  
 SCHOLL blind hinges—Grey Iron Casting Co., Mt. Joy, Pa.  
 SCHOOL PIN radiators—H. B. Smith Co., Westfield, Mass.  
 SCHRADER tire valves—A. Schrader's Son, 783 Atlantic av, Brooklyn, N. Y.  
 SCHRODER key hole guards—J. B. Schroder & Co., Cincinnati, Ohio  
 SCHROEDER headlights—Schroeder Headlight Co., Evansville, Ind.  
 SCHROEDER portable grain elevators—H. V. Schroeder Mfg. Co., Minier, Ill.  
 SCHROEDER'S PEERLESS window screen hangers & fasteners—Stanley Works, New Britain, Conn.  
 SCHROETER'S horse radish graters—Schroeter Bros. Hardware Co., 717-19 Washington ave, St. Louis, Mo.  
 SCHROYER friction rollers—General Railway Supply Co., 140 S. Dearborn, Chicago, Ill.  
 SCHUERENBERG farm wagons—F. W. Schuerenberg Brenham, Tex.



- SCHUETZEN rifle powder—du Pont, E. I., de Nemours & Co., Wilmington, Del.
- SCHUG gas igniters—Schug Electrical Mfg. Co., Detroit, Mich.
- SCHULTZ friction clutches—A. L. Schultz & Son, 1675 Elston ave., Chicago, Ill.
- SCHULTZE smokeless shotgun powders—du Pont, E. I., de Nemours & Co., Wilmington, Del.
- SCHULZ spinning lathes—Wilcox Mfg. Co., 4824 W. Lake, Chicago, Ill.
- SCHUMACHER'S rubbing grains—R. J. Waddell & Co., 52 Beekman, New York
- SCHUREMAN motor charging rheostats—Cutler-Hammer Mfg. Co., Milwaukee, Wis.
- SCHUTTE engine stops, suction strainers, valves—Schutte & Koerting Co., Phila., Pa.
- SCHUTTLE farm wagons—Peter Schuttler Co., 2509 W. 22nd, Chicago, Ill.
- SCHWARTZ electric curling irons—Wm. Slaughter, 1712 S. Michigan ave., Chicago, Ill.
- SCHWARTZ'S brass furnaces—Hawley Down Draft Furnace Co., Easton, Pa.
- SCHWARZE telephone bells—Schwarze electric Co., Adrian, Mich.
- SCIENTIFIC feed water purifiers—Wm. B. Scaife & Sons Co., 221 1st ave., Pittsburgh, Pa.
- SCIENTIFIC gas & gasoline engines—Bauroth Bros., Springfield, Ohio
- SCIENTIFIC grinding mills—Bauer Bros. Co., Springfield, Ohio
- SCIENTIFIC hydraulic tire setters—Lourie Mfg. Co., Springfield, Ill.
- SCIENTIFIC spray nozzles—Niagara Sprayer Co., Middleport, N. Y.
- SCIMATCO optical pyrometers—Scientific Materials Co., Pittsburgh, Pa.
- SCLEROSCOPE testing instruments—Shore Instrument & Mfg. Co., 557 W. 22nd, New York
- SCOLLAY steam & hot water heaters—John A. Scollay (Est. of), 74 Myrtle ave., Brooklyn, N. Y.
- SCOOP mirror shades & reflectors—National X-Ray Reflector Co., 233 W. Jackson blvd., Chicago, Ill.
- SCOOP window reflectors—Curtis-Leger Fixture Co., 235 W. Jackson blvd., Chicago, Ill.
- SCOT WATER relief valves—Stephens, Roe Mfg. Co., Detroit, Mich.
- SCOTCH clipper breaking plows—Moline Plow Co., Moline, Ill.
- SCOTCH farriers' hammers—Champion Tool Co., Meadville, Pa.
- SCOTCH gauge glasses—H. A. Rogers Co., 87 Walker, New York
- SCOTCH harrows & pulverizers—W. S. Hazen, Ripon, Wis.
- SCOTCH pig iron—C. Tennant Sons & Co., 100 William, New York
- SCOTT currycombs—Southington Hardware Co., Southington, Conn.
- SCOTT mining picks—American Mining Tool Co., Ottumwa, Iowa
- SCOTT rock drills—Scott drill Co., 1013 Chestnut, St. Louis, Mo.
- SCOTT testing clamps—Scott C. Cutter, Oswego, Ill.
- SCOTT valves—Stephens-Roe Mfg. Co., Detroit, Mich.
- SCOTTS I X L high speed steel—Bourne-Fuller Co., Cleveland, Ohio
- SCOTTS pea separators—Sprague Canning Machinery Co., 222 N. Wabash ave., Chicago, Ill.
- SCOUREE metal polish—Grady Mfg. Co., Ely ave., Brooklyn, N. Y.
- SCOVILLE hose—D. & H. Scoville, Higganum, Conn.
- SCOVILLES molasses gates—E. C. Stearns & Co., Syracuse, N. Y.
- SCRANTO acetylene mine lamps—Scranton Acetylene Lamp Co., Scranton, Pa.
- SCRANTON gauge cocks—American Safety Lamp & Mine Supply Co., Scranton, Pa.
- SCRANTON grate bars, shaking grates—Scranton Pump Co., Scranton, Pa.
- SCRANTON power hammers—E. R. Caldwell & Co., Bradford, Pa.
- SCULLY flanging clamps—Scully Iron & Steel Co., 2554 S. Ashland ave., Chicago, Ill.
- SEA BELL carbon paper—Minford Ribbon & Carbon Co., 444 Pearl, New York
- SEA LION belting—Chicago Belting Co., 125 N. Green, Chicago, Ill.
- SEA WALL asphalt—Impervious Product Co., Fairfield, Baltimore, Md.
- SEAL BRAND belting—W. H. Salisbury & Co., 105 S. Wabash ave., Chicago, Ill.
- SEALINE oils & greases—H. B. Kingsley & Co., 325 St. Clair ave., Cleveland, Ohio
- SEAL manila wrapping paper—Newton Paper Co., Holyoke, Mass.
- SEALOGRAPH envelope sealing machines—Saunders Mfg. Co., Kansas City, Mo.
- SEAL ROCK packing, rubber hose—Bowers Rubber Works, San Francisco, Cal.
- SEALSKIN waterproof belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio
- SEAL STARR metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- SEAL-TITE PLASTIC ROOFING cements—Monarch Paint Co., W. 70th, Cleveland, Ohio
- SEAMAN ice cream freezers—North Bros. Mfg. Co., Lehigh ave & American, Phila., Pa.
- SEAMLESS range boilers—Randolph-Clowes Co., Waterbury, Conn.
- SEAMLESS speaking tubes—Elwood Ivins Tube Works, Oakline Station, Phila., Pa.
- SEAMLESS telephone mouthpieces—General Insulate & Machine Co., 1008 Atlantic ave., Brooklyn, N. Y.
- SEARCH-LIGHT bicycle lanterns—Bridgeport Brass Co., Bridgeport, Conn.
- SEARCHLIGHT electric lamp brackets—McCrosky Reamer Co., Meadville, Pa.
- SEARCH LIGHT packing—Republic Rubber Co., Youngstown, Ohio
- SEARCHLIGHT shears, tinners' snips—Bartlett Mfg. Co., Detroit, Mich.
- SEARCHLIGHT stoves—Utility Stove & Range Co., Indianapolis, Ind.
- SEARIGHT'S tanners' snips—St. Louis Sales Co., Chemical bldg., St. Louis, Mo.
- SEARLS pipe vises—Spencer Regulator Co., Salem, Mass.
- SEARLS-THOMAS carriage top props—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- SEARS perfect fireless cookers—Household Equipment Co., 171 27th ave., S. E., Minneapolis, Minn.
- SEATTLE air valves—James P. Marsh & Co., 118 S. Clinton, Chicago, Ill.
- SEAVEY PATENT mitre boxes—Smith & Hemenway Co., 76 Chambers, New York
- SEBCO expansion bolts, toggle bolts, aerial rings, brick drills, combination nail fasteners, concrete anchors, concrete inserts—Star Expansion Bolt Co., 147 Cedar, New York
- SECO steel casting converters—Bradley Soughton, 29 W. 39th, New York
- SECOR typewriters—Secor Typewriter Rep. Co., Derby, Conn.
- SECOR'S weeding hooks—Potter Mfg. Co., Geneva, Ohio
- SECRET SERVICE dry batteries—Fred D. Harper, Everett, Mass.
- SECURE LEVERS, padlocks—Slaymaker Lock Co., Lancaster, Pa.
- SECURITY asphalt roofing—National Roofing Co., Tonawanda, N. Y.
- SECURITY automobile tire holders—Post & Lester Co., Hartford, Conn.
- SECURITY barn door latches—Peck-Hamre Mfg. Co., Berlin, Wis.
- SECURITY blow-off valves—Wm. T. Fowden, Chester, Pa.
- SECURITY cash recorders—Hough Cash Recorder Co., Indian Orchard, Mass.
- SECURITY check protectors—Peerless Check Protecting Co., Rochester, N. Y.
- SECURITY concrete inserts—Security Insert Co., 33rd & Arch, Phila., Pa.
- SECURITY electric, railway specialties, time switches, conduit wiring rods, insulating hooks, insulating compounds—F. Bissell Co., Toledo, Ohio
- SECURITY hatch fasteners—Mullholland Hatch Fastener Co., Cleveland Ohio
- SECURITY journal box dust guards—Western Railway Equipment Co. Central National Bank bldg., St. Louis, Mo.
- SECURITY lamp guards—McGill Mfg. Co., Valparaiso, Ind.
- SECURITY locomotive bell ringers, rail braces, railroad tie plates, angle cock clamps—Adreon Mfg. Co., Security bldg., St. Louis, Mo.
- SECURITY metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio
- SECURITY rat traps—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- SECURITY stove pipe & elbows—Follansbee Bros. Co., Pittsburgh, Pa.
- SECURITY stoves—Security Stove & Mfg. Co., Kansas City, Mo.
- SECURITY trace carriers—North & Judd Mfg. Co., New Britain, Conn.
- SECURITY ventilating sash locks—Burgess-Norton Mfg. Co., Geneva, Ill.
- SECURITY whip socket fasteners—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- SECURITY window guards—Security Window Guard Co., 30 E. Randolph, Chicago, Ill.



SECURO battery connectors—Stevens & Co., 375 Broadway, New York  
 SECURO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 SECURO pipe joint cements—R. M. Starbuck & Sons, Hartford, Conn.  
 SEDALIA lawn swings—Thos. K. Barley, Sedalia, Mo.  
 SEDGLEY packing—Anchor Packing Co., Lafayette bldg., Philadelphia, Pa.  
 SEDGWICK comealongs—Eureka Fence Mfg. Co., Richmond, Ind.  
 SEEBOHM & DIECKSTAHL'S self hardening iron & steel—Geo. Nash Co., 304 Hudson, New York  
 SEEDS dry plates—Eastman Kodak Co., Rochester, N. Y.  
 SEEDS faucet filters, hand cleaners—Seed Filter & Mfg. Co., 96 Church, New York  
 SEEGER refrigerators—Seeger Refrigerator Co., St. Paul, Minn.  
 SEEKONK rubber hose—National India Rubber Co., Bristol, R. I.  
 SEELY SANITARY fireless cookers—Francis A. Seely Co., 5735 Harper av, Chicago, Ill.  
 SEE-RITE pencil sharpeners—Searight Mfg. Co., 143 Columbia, W., Detroit, Mich.  
 SEEVERS steam heaters—Seever's Mfg. Co., Oska-loosa, Iowa  
 SEGAL hardware—Burglar Proof Lock & Hardware Corp., 75 Fulton, New York.  
 SEGMENT potato planters—Potato Implement Co., Traverse City, Mich.  
 SEIBERT fly catchers—H. E. Seibert, St. Paul, Minn.  
 SEIBERT lubricators—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.  
 SEIDEL sash pulleys—Seidel Mfg. Co., Boatmen's Bank bldg., St. Louis, Mo.  
 SEIGH annealing boxes—Petroleum Iron Works Co., Sharon, Pa.  
 SEIMEN gas valves—Forter-Miller Eng. Co., Pitts-burgh, Pa.  
 SELDEN packing—Randolph Brandt, 70 Cortlandt, New York  
 SELECTITE case hardening compounds—Shore In-strument & Mfg. Co., 557 W. 22d, New York  
 SELESTRON lacquer—Chemical Products Co., 93 Broad, Boston, Mass.  
 SELF ACTING feed carriers—Louden Machinery Co., Fairfield, Ia.  
 SELF-CLINCHING belt fasteners—Angell Belt Hook Co., 16 Warren av, Providence, R. I.  
 SELF-CLINCHING nails—Self-Clinching Nail Co., 46 N. 4th, Phila., Pa.  
 SELF-CLOSING gate hinges—Grey Iron Casting Co., Mt. Joy, Pa.  
 SELF LOCK wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 SELF LOCKING sling pulleys—J. E. Porter Co., Ot-tawa, Ill.  
 SELF SENTERING concrete reinforcing materials—General Fireproofing Co., Youngstown, Ohio  
 SELF SHARPENING feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 SELLERS anchor bottom plates—Sellers Mfg. Co., 332 S. Michigan av, Chicago, Ill.  
 SELLEW disc grinders—Sellew Machine Tool Co., Pawtucket, R. I.  
 SELLS roller bearings, combination grease & oil guns—Royersford Foundry & Machine Co., 52 North 5th, Philadelphia, Pa.  
 SELSOR'S hatchet—Germantown Tool Works, 57 Ar-mat, Gtn., Phila., Pa.  
 SELTONA photographic paper—J. L. Lewis, 522 6th av, New York  
 SELWIG & LANGE beet pulp presses—Jackson & Church Co., Saginaw, Mich.  
 SEMCO vacuum cleaners—Semco Mfg. Co., Nashville, Tenn.  
 SE-MENT-OL automobile radiator cements—North-western Chemical Co., Marietta, Ohio  
 SEMI-BRONZE packing, gaskets—General Asbestos Rubber Co., Charleston, S. C.  
 SEMIHECLA packing—General Asbestos Rubber Co., Charleston, S. C.  
 SEMI-INDIRECT electric & gas light fixtures—Harter Mfg. Co., 522 S. Clinton, Chicago, Ill.  
 SEMINOLE rubber hose—National India Rubber Co., Bristol, R. I.  
 SEMI-STEEL anvils—Rock Island Mfg. Co., Rock Island, Ill.  
 SEMPER IDEM babbitt metal—Lissberger, Marks, & Son, 281 Borden av, Long Island City, N. Y.  
 SEMPER IDEM babbitt metal, aluminum solder—Thos. Wildes Son, 14 Dover, New York  
 SENATE belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 SENATOR packing—Anchor Packing Co., Lafayette bldg., Phila., Pa.

SENECA enameled iron bath tubs—McVay-Walker Co., Braddock, Pa.  
 SENECA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York  
 SENECA FALLS lathes—Seneca Falls Mfg. Co., Sen-eca Falls, N. Y.  
 SENIOR lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 SENIOR LEADER potato sprayer pumps—Field Pump Co., Columbus, Ohio  
 SENSATION belting—Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.  
 SENSIBLE broom holders—Cassaday Fairbanks Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 SENSIBLE egg & cream beaters, pot chains—Woods-Sherwood Co., Worcester, Mass.  
 SENSIBLE mailing boxes—Jencks Paper Cox Co., 45 Waldo, Providence, R. I.  
 SENSIBLE sad irons—Colebrookdale Iron Co., Potts-town, Pa.  
 SENSIBLE sad irons, carpet beaters, presses, mincing knives, potato mashers, pot scrapers, toasters, twine holders & vegetable cutters—N. R. Streeter & Co., Rochester, N. Y.  
 SENSIBLE storm sash hangers—R. G. Winter Mfg. Co., 2102 Vliet, Milwaukee, Wis.  
 SENTINEL air valves—Bogardus-Nelson Co., Mar-shalltown, Ia.  
 SENTINEL automatic air valves—Denver Hydro Co., 1520 Elizabeth, Denver, Colo.  
 SENTINEL lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 SENTINEL rubber hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 SEPARABLE carriage fasteners—Chas. Weiss & Son, 4715 Cottage Grove av, Chicago, Ill.  
 SERGEANT pneumatic drills—Ingersoll-Rand Co., 11 Broadway, New York  
 SERPENTINE screw drivers, scratch awls, stove pok-ers—Arcade Mfg. Co., Freeport, Ill.  
 SERVICE belting, hose—Boston Woven Hose & Rub-ber Co., Cambridge, Mass.  
 SERVICE steel stools—Toledo Metal Furniture Co., Toledo, Ohio  
 SERVICE BRAND conveyor belts—Link-Belt Co., 39th & Stewart av, Chicago, Ill.  
 SERVIS shoulder flange combination plates—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.  
 SERVITOR packing—Kerbaux Co., 114 Liberty, New York  
 SESCO plumbers' sanitary earthenware—Sanitary Earthenware Specialty Co., Trenton, N. J.  
 SESSIONS—STANDARD draft gear—Standard Coup-ler Co., 30 Church, New York  
 7-11 loose pin screen door hinges—Champion Hardware Co., Geneva, Ohio  
 76 PASTE pipe joint cements—W. T. Baker, 224 Suy-dam ave, Jersey City, N. J.  
 SEVERN fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 SEWELL steam couplers—Consolidated Car Heating Co., Albany, N. Y.  
 SEXTOBLADE safety razors—Edward Weck & Son, 148 Fulton, New York  
 SEXTON automobile fuel storage tanks—Sexton Can Co., 228 Franklin, Boston, Mass.  
 SEXTON'S oil cans, oil filters, self-measuring oil pumps, paint pots, barrel pumps, underground garbage receivers—Sexton Can Co., 228 Franklin Boston, Mass.  
 SEYBOLD round cornering machines—Seybold Ma-chine Co., Dayton, Ohio  
 SEYMOUR post hole diggers—Seymour Mfg. Co., Sey-mour, Ind.  
 SEYMOUR shears & scissors—Wiebush & Hilger, 106 Lafayette, New York  
 SHAD-O-LESS electric & gas light fixtures—Harter Mfg. Co., 522 S. Clinton, Chicago, Ill.  
 SHAFFER incandescent cut-outs—H. T. Paiste, Arch & 32nd, Phila., Pa.  
 SHAKER flour sifters—Republic Metalware Co., Buf-falo, N. Y.  
 SHAKER potato diggers—Deere & Co., Moline, Ill.  
 SHALER tire vulcanizers, electric stoves—C. A. Shaler Co., Waupun, Wis.  
 SHAM-ROCK babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio  
 SHAMROCK conduit pipe hanging clamps, floor plugs, tank switches—W. F. Irish Electric Supplies, 19 W. 36th, New York  
 SHAMROCK horse nails—Fowler Nail Co., Seymour, Conn.  
 SHAMROCK incandescent electric lamps—Standard Electric Lamp Co., 67 Hamilton, Newark, N. J.  
 SHAMROCK lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.



- SHAMROCK roof snow guards—National Safety Fifth Wheel Co., Lancaster, Pa.
- SHANNON jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- SHANNON sewer cleaning machines—J. H. & R. Shannon, 538 Bergen av, Jersey City, N. J.
- SHAPCO radiator shields—Sodemann Heat & Power Co., 1512 Clark ave, St. Louis, Mo.
- SHAPPON spark plugs—Bingham Mfg. Co., Cleveland, Ohio
- SHARK adjustable wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.
- SHARON car couplers—National Malleable Castings Co., Cleveland, Ohio
- SHARON door hangers, cupboard catches, surface hinges, sash locks—Sharon Hardware Mfg. Co., Sharon, Pa.
- SHARP spark plugs—Sharp Spark Plug Co., 3386 Broadway, Cleveland, Ohio
- SHARPEN EZY chisels—H. D. Smith & Co., Plantsville, Conn.
- SHARPEN EZY nail sets, tinners' punches—H. D. Smith & Co., Plantsville, Conn.
- SHARPLES cow milking machines—Dairy Specialty Co., Westchester, Pa.
- SHARP-MILLER photometers—Foote-Pierson & Co., 160 Duane, New York
- SHARPSHOOTER smokeless rifle—Hercules Powder Co., Wilmington, Del.
- SHARP-WELL razor strops—Illinois Razor Strop Co., 330 W. Kinzie, Chicago, Ill.
- SHAUGHNESSY cotton waste machines—Smith & Furbush Machine Co., Phila., Pa.
- SHAVEZY razor-guards, safety razors—L. S. Weiss, 286 Taaffe pl, Brooklyn, N. Y.
- SHAW adjustable knives—Chapman-Sargent Co., Perysburg, Ohio
- SHAW blow-off valves—National Supply Co., Toledo, Ohio
- SHAW calf weaners—Barbee Wire & Iron Works, 170 N. Dearborn, Chicago, Ill.
- SHAW collar shaping machines—Reed Mfg. Co., Erie, Pa.
- SHAW fireplace dampers—Samuel H. Shaw & Co., 110 State, Boston, Mass.
- SHAW lightning arresters—Lord Mfg. Co., 105 W. 40th, New York
- SHAW marine wheels—Shaw Propeller Co., 15 Elkins, Boston, Mass.
- SHAW mercury gauges—Quimby Engineering Co., 913 Ridge ave, Philadelphia, Pa.
- SHAW motor cycles—Shaw Mfg. Co., Galesburg, Kan.
- SHAW pneumatic rock drills, rock drill sharpening machines—C. H. Shaw Pneumatic Tool Co., Denver, Col.
- SHAW & FLINN'S lifting rod cleaners—Draper Corp., Hopedale, Mass.
- SHAWCO punched pipe—Benj. F. Shaw Co., 501 E. 2nd, Wilmington, Del.
- SHAWMUT conduit hangers, fuse links, fuse blocks, fuses, ground connection clamps, locknut bushings, rail bonds, terminal lugs—Condit Electrical Mfg. Co., 283 Franklin, Boston, Mass.
- SHAWMUT flue linings, sewer pipe—Shawmut Clay Mfg. Co., Drummond, Pa.
- SHAWMUT packing, rubber hose—Revere Rubber Co., 60 High, Boston, Mass.
- SHAWMUT steel bins—Shawmut Iron & Wire Works, Everett, Mass.
- SHAW'S calf weaners—Carroll Muzzle Co., Carroll, Ia.
- SHAW'S hydraulic pumps—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.
- SHAY industrial locomotives—Lima Locomotive Corp., 106 3rd, Lima, Ohio
- SHE locomotive sanders—United States Metallic Packing Co., 423 N. 13th, Phila., Pa.
- SHEAR CUT CLIPPER can openers—W. G. Brown Mfg. Co., Kingston, N. Y.
- SHEARER & MAYER drag line excavators—Sauerman Bros., Monadnock bldg, Chicago, Ill.
- SHEAR-KLEAN grate bars, shaking grates—Marion Machine, Foundry & Supply Co., Marion, Ind.
- SHERBOYGAN coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.
- SHEDITE waterproof belting—I. B. Williams & Sons, Dover, N. H.
- SHEEPSKIN leather aprons—Hudson Belting Co., 3 Eaton pl, Worcester, Mass.
- SHEETRAK wall boards—U. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.
- SHEFFIELD cattle guards, hand cars, railroad water columns, velocipede cars, inspection cars—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
- SHEFFIELD potato planters—Sheffield Mfg. Co., Burr Oak, Mich.
- SHELBY air tanks, automobile axles, bedstead tubing, cream separator bowls, die-stock handles, cylinders, boiler tubes, boiler tube safe ends, drill rods, iron-steel stay bolts, mandrels, hose poles, tempering pots, water gates & trolley car & street poles—National Tube Co., Frick bldg, Pittsburgh, Pa.
- SHELBY bell cord couplings—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- SHELBY electric lamps—Shelby Lamp Division of G. E. Co., Shelby, Ohio
- SHELBY spring hinges, sash locks—Shelby Spring Hinge Co., Shelby, Ohio
- SHELDON automobile springs—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.
- SHELDON car movers—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.
- SHELDON car movers—Stephenson-Adamson Mfg. Co., Aurora, Ill.
- SHELDON car movers—Webster Mfg. Co., Tiffin, Ohio
- SHELLENE asphalt roofing—A. H. White Co., Ltd., Howard, Venus, Miro & Tonti, New Orleans, La.
- SHELLEY corporation cock inserting machines—A. P. Smith Mfg. Co., East Orange, N. J.
- SHEN-KING railroad copying paper—Wm. Mann Co., 529 Market, Phila., Pa.
- SHEPARD cranes, pneumatic riveters—Shepard Electric Crane & Hoist Co., Montour Falls, N. Y.
- SHEPARD vises—Prentiss Vise Co., 106 Lafayette, New York
- SHEPARD'S blind fasteners, gate latches, gravity-locking blind hinges—Wrightsville Hardware Co., Wrightsville, Pa.
- SHEPARD'S ice cream freezers—North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
- SHERARDUCT rigid steel conduits—National Metal Molding Co., 1110 Fulton bldg., Pittsburgh, Pa.
- SHERBURN car door holders, rail benders—Sherburne & Co., 53 Oliver, Boston, Mass.
- SHERINGTON vacuum cleaners—Cyclone Mfg. Co., Bradford, Pa.
- SHERMAN ammeters & voltmeters—Oakes & Dow Co., 15 Chardon, Boston, Mass.
- SHERMAN emery wheel dressers—Desmond-Stephen Mfg. Co., Urbana, Ohio
- SHERMAN ground connection clamps—H. B. Sherman Mfg. Co., Battle Creek, Mich.
- SHERMAN'S liquid stove polish—Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
- SHERRED-FRENCH valve inserting machines—A. P. Smith Mfg. Co., East Orange, N. J.
- SHERWOOD closet seats—Sherwood Brass Works, Detroit, Mich.
- SHERWOOD concrete form fasteners—M. C. Ryan Co., Phoenix, N. Y.
- SHERWOOD corn poppers—Woods-Sherwood Co., Worcester, Mass.
- SHERWOOD metal frame window screens—Continental Co., Detroit, Mich.
- SHERWOOD steam specialties—Sherwood Mfg. Co., Buffalo, N. Y.
- SHERWOOD'S carpet beaters, dish drainers, gas jet heaters, tea balls—Woods-Sherwood, Worcester, Mass.
- SHIDOO hand soap paste—Yeazell-Goldstein Co., Columbus, Ohio.
- SHIELD leather belting—McCauley Belting Co., 412 Orleans, Chicago, Ill.
- SHIELD linseed oil soap—India Alkali Works, 28 India Wharf, Boston, Mass.
- SHIELD lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.
- SHIELD safety fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.
- SHIM brake slack adjusters—Standard Coupler Co., 30 Church, New York
- SHIMER woven wire fences—Spring Steel Fence & Wire Co., Anderson, Ind.
- SHINE dusters—Pioneer Mfg. Co., Cleveland, Ohio
- SHINE-ALL metal polish—Eugene Arnstein, 45 W. 26th, Chicago, Ill.
- SHINEAUL metal polish—Ericka Mfg. Co., Springfield, Mass.
- SHINE BRIGHT metal polish—Parker Refining Co., Cleveland, Ohio
- SHINE-M-UP metal polish—Simplex Auto Specialty Co., 733 Woodward av, Detroit, Mich.
- SHINE ON metal polish—Richard S. Morris & Co., 138 N. Dearborn, Chicago, Ill.
- SHINGLE-EDGES shingle stains—L. Sonneborn Sons, 262 Pearl, New York
- SHI-NITE metal polish, furniture polish—Adams & Elting Co., 722 W. Wash'n, Chicago, Ill.
- SHINO chemical dust mops, dustless dust cloths, metal polish, polishing cloths—Pioneer Mfg. Co., Cleveland, Ohio



SHINON metal polish, furniture polish—Rochester Chemical Co., Rochester, N. Y.

SHIPERD coupling bolts—Cleveland Shaft Spring Co., Cleveland, Ohio

SHIPMATE galley stoves—Stamford Foundry Co., Stamford, Conn.

SHIPOLEUM architectural varnishes—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.

SHIRLEY cotton rope—Samson Cordage Works, 88 Broad, Boston, Mass.

SHIRLEY steam heaters—Shirley Radiator & Foundry Co., Indianapolis, Ind.

SHOCK ABSORBER lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce bldg., Phila., Pa.

SHOEMAKER locomotive fire doors—National Railway Devices Co., 224 S. Desplaines, Chicago, Ill.

SHOE SATIN bixola shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.

SHO-FUR carriage robes—Burlington Blanket Co., Burlington, Wis.

SHOKER potato diggers—South Bend Chilled Plow Co., South Bend, Ind.

SHONE sewage ejectors—Shone Co., 231 Institute pl, Chicago, Ill.

SHORT STOP mouse traps—Lovell Mfg. Co., Erie, Pa.

SHOUP'S autographic registers—Autographic Register Co., Hoboken, N. J.

SHOW disc sharpeners—Skow Mfg. Co., Newton, Ia.

SHUART road machines, land road levelers—Ohio Road Machinery Co., Oberlin, Ohio

SHULIFE shoe dressing—R. M. Hollingshead Co., Camden, N. J.

SHULTIS sectional bark mills—Wm. Bartley & Sons, Bartley, N. J.

SHULTZ belting, belt dressing, belt cements, patent pulley covering—Shultz Belting Co., Bismarck & Barton, South St. Louis, Mo.

SHULTZ store front construction, coal chutes—Shultz All Steel Corner Post Co., St. Joseph, Mo.

SHUMAN neck yoke centers, neck yokes—National Neck Yoke Co., Rock Island, Ill.

SHUMARD sash balances—Coleman Hardware Co., 220 S. Michigan av, Chicago, Ill.

SHUMATE razors—Shumate Razor Co., 630 Locust, St. Louis, Mo.

SHURBOND metal lath—Goldsmith Metal Lath Co., 53 Central av, Cincinnati, Ohio

SHURECLEEN gasoline strainers—Bingham Mfg. Co., Cleveland, Ohio

SHUREDRIY contractors' tents—Geo. B. Carpenter & Co., Wells & Michigan, Chicago, Ill.

SHUR GRIP tire upsetters—Butts & Ordway, 33 Purchase, Boston, Mass.

SHUR-KATCH fly traps—National Enameling & Stamping Co., 411 5th av, New York

SHURNUF window ventilators—Universal Ventilating Co., Kansas City, Mo.

SHUR-ON sink legs—Luther Grinder Mfg. Co., Milwaukee, Wis

SHUR SHUT rat traps—Fort Dearborn Mfg. Co., 1574 Crossing, Chicago, Ill.

SHUSTER automatic wire straightening & cutting machines—F. B. Shuster Co., Cedar Hills, New Haven, Conn.

SHUWHITE shoe polishes—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.

SHYROCK wire rope clamps—Leldecker Tool Co., Marietta, Ohio

SIASTEX waterproofing material—Sicilian Asphalt Paving Co., 41 Park row, New York

SIBERIAN stove poker—Arcade Mfg. Co., Freeport, Ill.

SIDNEY plows, drag road scrapers, steel barrows—Sidney Steel Scraper Co., Sidney, Ohio

SIEBEN gas shut-off valves—Fire & Gas Appliance Co., Kansas City, Mo.

SIEBEN traps, floor drains—Prier Brass Mfg. Co., Kansas City, Mo.

SIEBER & TRUSSELL loose leaf devices—Boorum & Pease Co., 109 Leonard, New York

SIEMAN valves—Sterrit-Thomas Foundry Co., 32nd & Smallman, Pittsburgh, Pa.

SIEMENS arc lamps—H. M. Hirschberg Co., 1451 B'way, New York

SIEMENS arc light carbons—L. E. Frorup & Co., 232 Greenwich, New York

SIEMENS arc light carbons—Chas. L. Kiewert Co., Milwaukee, Wis.

SIFON ventilators—Illinois Art Metal Co., Springfield, Ill.

SIGNAL oil cups—Wm. Powell Co., Cincinnati, Ohio

SIGNALOID incandescent lamp coloring—Universal Electric Stage Lighting Co., 240 W. 50th, New York

SIGNET belt dressing—Russia Cement Co., Cloucester, Mass.

SIGNET floor drains—Crampton-Farley Brass Co., 221 Main, Kansas City, Mo.

SIGWALT seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.

SILCAR carborundum brick—Didier-March Co., Perth Amboy, N. J.

SILENT door hangers—National Mfg. Co., Sterling, Ill.

SILENT salesman show cases—Detroit Show Case Co., 480 Fort W., Detroit, Mich.

SILENT water closets—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.

SILEX chisels—Kilborn & Bishop Co., New Haven, Conn.

SILEX lubricating oils—Borne-Scrymser Co., 80 South, New York

SILEX oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.

SILICO wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.

SILK quillers—Benj. Eastwood Co., Paterson, N. J.

SILK toilet paper holders—Shelby Spring Hinge Co., Shelby, Ohio

SILKENAMEL magnet wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.

SILKENITE magnet wire—Acme Wire Co., New Haven, Conn.

SILKUY'S KANT-RUST preventives—N. B. Arnold, 1 Sigourney, Brooklyn, N. Y.

SILVENA polishing cloths—Adolph Fricke, 73 Franklin, New York

SILVER alcohol stoves, coffee mills, egg & cream beaters, potato presses, tumbler holders—Silver & Co., 304 Hewes, Brooklyn, N. Y.

SILVER alfalfa cutters, drill chucks, hub boring machines—Silver Mfg. Co., Salem, Ohio

SILVER amalgamated plates—San Francisco Plating Works, 1349 Mission, San Francisco, Cal.

SILVER gray marble—Georgia Marble Co., Tate, Ga.

SILVERIAN ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.

SILVER KING ratchet wrenches—C. M. B. Wrench Co., Garwood, N. J.

SILVER LABEL gelatine glue—National Gum & Mica Co., 59th & 11th av, New York

SILVER LAKE chalk & mason's lines—Silver Lake Co., Newtonville, Mass.

SILVER LAKE sash cords—Silverlake Co., Newtonville, Mass.

SILVER-OL metal polish—Northwestern Chemical Co., Marietta, Ohio

SILVER PATTERN egg & cream beaters—Standard Egg Co., 26 So. Market, Boston, Mass.

SILVER STRAND lightning rods—Electra Lightning Rod Co., Cresco, Iowa

SILVERTIP FLAME arc light carbons—National Carbon Co., Cleveland, Ohio

SILVERTIP PROJECTOR arc lamp carbons—National Carbon Co., Cleveland, Ohio

SILVERZAHN ensilage cutters—Gehl Bros. Mfg. Co., West Bend, Wis.

SIMMANCE-ABADY combustion recorders—Precision Instrument Co., Detroit, Mich.

SIMMEN electric railway signals—Simmen Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.

SIMMONS concrete pile casings, floor & ceiling plates—John Simmons Co., 110 Centre, New York

SIMMONS pipe bending machines—Frank L. Wells Co., Kenosha, Wis.

SIMMONS-MOORE sand boxes—Dayton Mfg. Co., Dayton, Ohio

SIMONDS files—Simonds Mfg. Co., Fitchburg, Mass.

SIMONDS vacuum valves, steam receiver & separator—Simonds Heating & Specialty Co., Grand Rapids, Mich.

SIMONSON log turners—Challoner Co., Oshkosh, Wis.

SIMPLE boring tools—Allen & Curtiss Co., Mishawaka, Ind.

SIMPLEX annealing, assayers', bullion, case hardening, melting, reducing, refining, reheating, tinning & welding furnaces—Monarch Engng. & Mfg. Co., American Bldg., Baltimore, Md.

SIMPLEX belt sanding machines—Schimmel, Reid & Co., Faribault, Minn.

SIMPLEX belt shifters, countershafts—Mossberg Wrench Co., Central Falls, R. I.

SIMPLEX blue printing machines—Fred'k Post Co., 3635 S. Clark, Chicago, Ill.

SIMPLEX box straps—DeHaven Mfg. Co., 50 Columbia Hgts., Brooklyn, N. Y.

SIMPLEX car couplers—American Steel Foundries, McCormick bldg, Chicago, Ill.

SIMPLEX cattle stanchions, feed carriers—F. Rassmann Mfg. Co., Beaver Dam, Wis.



- SIMPLEX celluloid labels—Stewart & Co., 171 Broadway, New York
- SIMPLEX chain hoists—John G. Speidel, Reading, Pa.
- SIMPLEX churns—D. H. Burrell & Co., Little Falls, N. Y.
- SIMPLEX clothes washing machines, ironing machines—American Ironing Machine Co., 166 N. Michigan, Chicago, Ill.
- SIMPLEX coal jigs—Wilmot Engineering Co., Hazleton, Pa.
- SIMPLEX concrete mixers—Miles Mfg. Co., Jackson, Mich.
- SIMPLEX concrete piles—Simplex Concrete Piling Co., 3400 Disston, Phila., Pa.
- SIMPLEX cork preparing outfits—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
- SIMPLEX corn planters—American Seeding Machine Co., Springfield, Ohio.
- SIMPLEX cream separators—D. H. Burrell Co., Little Falls, N. Y.
- SIMPLEX door bells—Bradley & Farnham, Middlefield, Conn.
- SIMPLEX door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- SIMPLEX electric cooking apparatus, electric sad irons, motor charging rheostats—Simplex Electric Heating Co., Cambridge, Mass.
- SIMPLEX electric wiring mouldings—Kirkpatrick Mfg. Co., Glenwood & 3rd, Phila., Pa.
- SIMPLEX electrical window springs—Otto Bernz, 21 Ashland av, Newark, N. J.
- SIMPLEX envelope sealing machines, combination bench filer & hack saw—Extensive Mfg. Co., 90 West, New York
- SIMPLEX expansion joints—Kelly & Jones Co., Pittsburgh, Pa.
- SIMPLEX fire extinguishers—David Kahnweiler's Sons, 260 Front, New York
- SIMPLEX flexible couplings—Thomas Coupling Co., Troy, Pa.
- SIMPLEX garden hose reels—Spray Engineering Co., 93 Federal, Boston, Mass.
- SIMPLEX gasoline meters & hydrometers—Simplex Hydrometer Co., Newark, N. J.
- SIMPLEX gauge glass cutters—Hy. B. Pancoast Co., 243 S. 3rd, Phila., Pa.
- SIMPLEX gin saw filing machines—A. A. Wood & Sons Co., Atlanta, Ga.
- SIMPLEX grass catchers—F. & N. Lawn Mower Co., Richmond, Ind.
- SIMPLEX hatch fasteners—Mullholland Hatch Fastener Co., Cleveland, Ohio
- SIMPLEX holsters—Motor Specialties Co., Waltham, Mass.
- SIMPLEX household ironing machines—Domestic Laundry Equipment Corp., 228 W. 26th, New York
- SIMPLEX injectors—Nathan Mfg. Co., 416 E. 106th, New York
- SIMPLEX jacks—Templeton, Kenly & Co., Ltd., 1020 S. Central av, Chicago, Ill.
- SIMPLEX lamp burners—Edw. Miller & Co., Meriden, Conn.
- SIMPLEX milk pulverizers & coolers, spray vats—D. H. Burrell & Co., Little Falls, N. Y.
- SIMPLEX ore concentrators—Colorado Iron Works Co., Denver, Colo.
- SIMPLEX pipe clamps—Yarnall-Waring Co., 1001 Harrison blvd, Phila., Pa.
- SIMPLEX pliers & nippers—Crescent Tool Co., Jamestown, N. Y.
- SIMPLEX plumbers' tanks—Columbus Brass Co., Columbus, Ohio
- SIMPLEX pump governors—Godfrey-Keeler Co., 70 Warren, New York
- SIMPLEX rate controllers, tube meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
- SIMPLEX riveting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.
- SIMPLEX rivetless chains—Cross Engng. Co., Carbondale, Pa.
- SIMPLEX roofing nails—H. B. Sherman Mfg. Co., Battle Creek, Mich.
- SIMPLEX seatless valves—Yarnall-Waring Co., 1001 Harrison blvd, Phila., Pa.
- SIMPLEX set squares—Trimount Mfg. Co., Roxbury, Boston, Mass.
- SIMPLEX shaper guards—Zeller & Nagel, 233 Java, Brooklyn, N. Y.
- SIMPLEX shears—Quinn Wire & Iron Works, Boone, Ia.
- SIMPLEX spray pumps—Brandt Mfg. Co., Minneapolis, Minn.
- SIMPLEX steam meters—American District Steam Co., N. Tonawanda, N. Y.
- SIMPLEX steam pumps—Dubois Iron Works, Dubois, Pa.
- SIMPLEX stop & waste cocks—Landers, Frary & Clark, New Britain, Conn.
- SIMPLEX time recorders—Simplex Time Recorder Co., Gardner, Mass.
- SIMPLEX traction engines—Simplex Tractor Co., Minneapolis, Minn.
- SIMPLEX transom lifts—Payson Mfg. Co., 2918 W. Jackson blvd, Chicago, Ill.
- SIMPLEX trolley bases—Trolley Supply Co., Canton, Ohio
- SIMPLEX twine holders—New York Roll Wrapping Paper Co., 84 Beekman, New York
- SIMPLEX two mirror heliostate—Wm. Gaertner & Co., 5349 Lake Park av, Chicago, Ill.
- SIMPLEX vacuum cleaners—Ramey Co., Chillicothe, Ohio
- SIMPLEX ventilating sash locks—Climax Lock & Ventilator Co., 656 Michigan av, Buffalo, N. Y.
- SIMPLEX-RUSSEL graders—Russell Grader Mfg. Co., Minneapolis, Minn.
- SIMPLEX VENTURI water meters—Simplex Valve & Meter Co., 110 N. Broad, Phila., Pa.
- SIMPLICITY can righting machines—Burden & Blakeslee, Cazenovia, N. Y.
- SIMPLICITY concrete mixers, corn & cob mills—Turner Mfg. Co., Port Washington, Wis.
- SIMPLICITY door springs—E. A. Lueck Co., Milwaukee, Wis.
- SIMPLICITY gas engines—Fresno Agricultural Works, Eureka, Cal.
- SIMPLICITY gasoline lamps—Herman Merkel, 511 Elm, St. Louis, Mo.
- SIMPLICITY incubators—Indianapolis Corrugating Co., Indianapolis, Ind.
- SIMPLICITY spray hoods—Chas. P. McClellan, Fall River, Mass.
- SIMPLICITY stage dimming rheostats—Cutler-Hammer Mfg. Co., Milwaukee, Wis.
- SIMPSON concrete porch molds—Simpson Cement Mold Co., Maple & West, Columbus, Ohio
- SIMPSON sand mixing machines—National Engng. Co., 5 N. La Salle, Chicago, Ill.
- SIMPSON vises—Athol Machine Co., Athol, Mass.
- SIM-PULL belt shifters, countershafts—Mossberg Wrench Co., Central Falls, R. I.
- SIMS low water alarms, oil filters, steam separators, boiler oil feeders, garbage, burners, water heaters—Sims Co., 18th & Whitley av., Erie, Pa.
- SIMS safety water columns—Leopold Steigert, Logan & Elder, Cincinnati, Ohio
- SIN cast iron griddles—Advance Mfg. Co., Racine Junction, Wis.
- SINCLAIR rock drills—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.
- SINGLE STROKE piston ring grinders—O. S. Walker Co., Worcester, Mass.
- SINGLE TAPE safety fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.
- SINGLE'S speed limit engine stops—Springer & Hargitt, Hamilton, Ohio
- SINTZ propeller wheels—Wilmarth & Norman Co., 1151 Monroe av N. W., Grand Rapids, Mich.
- SIOUX gasoline engines—Sioux City Engine & Machinery Co., Sioux City, Ia.
- SIOUX rubber hose—Republic Rubber Co., Youngstown, Ohio
- SIR WM. THOMPSONS sounding machines—Jno. Hand & Sons Co., 222 Walnut, Phila., Pa.
- SIRIUS steam traps—Standard Steam Specialty Co., 542 W. Broadway, New York
- SIROCCO blowers, fans, ventilators—American Blower Co., 1400 Russell, Detroit, Mich.
- SIROCCO paint & varnish drier—Harrisons, Inc., 35th & Grays Ferry rd, Philadelphia, Pa.
- SISCO drill steel—Swedish Iron & Steel Corp., 12 Platt, New York
- SISSON cast iron soil pipe & fittings—R. Estabrook's Sons, 204 W. 1st, South Boston, Mass.
- SITES poultry coops—Defiance Box Co., Defiance, Ohio
- 600 K cylinder oils—Wadham's Oil Co., 215 National av, Milwaukee, Wis.
- SIX-IN-ONE kitchen sets—Kohler Die & Specialty Co., De Kalb, Ill.
- SIX LEVERS padlocks—Slaymaker Lock Co., Lancaster, Pa.
- SIX MULE team gasoline engines—Associated Mfrs. Co., Waterloo, Ia.
- SIXTY-ONE varnish—Pratt & Lambert, 185 Madison av, New York
- SIZOL size—Seydel Mfg. Co., 88 Forest, Jersey City, N. J.
- SKABOO garden cultivators, wheel garden hoes—Ohio Cultivator Co., Bellevue, Ohio
- SKAT hand soap—Skat Mfg. Co., Hartford, Conn.
- SKATEMOBILE scooter—Buffalo Sled Co., North Tonawanda, N. Y.



SKEDOODLE electric sign flashers, self flushing socket plugs—Phelps Mfg. Co., Detroit, Mich.

SKELTON electric bells—Stanley & Patterson, 23 Murray, New York

SKENE boat chocks—Wilcox, Crittenden & Co., Middletown, Conn.

SKIDOO polish—Mutual Auto Accessories Co. of America, 58 W. 65th, New York

SKIHI packing—Quaker City Rubber Co., 629 Market, Phila., Pa.

SKILN packing—Quaker City Rubber Co., 629 Market, Phila., Pa.

SKIMER dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.

SKIN COTE piano varnishes—Glidden Varnish Co., Cleveland, Ohio

SKINNER chucks, drilling machine vises—Skinner Chuck Co., New Britain, Conn.

SKINNER tire air pumps—Mayo-Skinner, 54 E. 18th, Chicago, Ill.

SKINNER valve re-seating machines & tools, & bibb seat dressers—M. B. Skinner & Co., 562 W. Washington, Chicago, Ill.

SKINNER'S gauge glass cutters—Skinner & Connolly, Yonkers, N. Y.

SKOOKUM tackle blocks—Columbia Steel Co., Portland, Ore.

SKOOT'S children's vehicles—B. & B. Mfg. Co., Racine, Wis.

SKYLITE ventilators—Garry Iron & Steel Co., Niles, Ohio

SKY-ROCKET lightning arresters—Chance Mfg. Co., Centralia, Mo.

SLACK LINE excavators—Cable Excavator Co., Phila., Pa.

SLASHER cotton mops—Estes Mills, Fall River, Mass.

SLATINGTON BEST iron bar—Slatington Iron & Steel Co., Slatington, Pa.

SLATINGTON NORWAY iron bar—Slatington Iron & Steel Co., Slatington, Pa.

SLATINGTON STAYBOLT iron bar—Slatington Iron & Steel Co., Slatington, Pa.

SLAYER rat traps—Lovell Mfg. Co., Erie, Pa.

SLAYMAKER padlocks, locks—Slaymaker Lock Co., Lancaster, Pa.

SLAYMAN folding presses—Slayman & Co., cor Pratt & President, Baltimore, Md.

SLECT-O-PHONE interior telephones—Screw Machine Products Co., 1012 Eddy, Providence, R. I.

SLEETH flexible mats—Sleeth Mfg. Co., Belleville, N. J.

SLICK cultivators—Hayes Pump & Planter Co., Galva, Ill.

SLICK cutter serrated bread knives—National Mfg. Co. Steel Supply Co., 15 River, Newark, N. J.

SLICK steel tires—Cambria Steel Co., Johnstown, Pa.

SLIDEWELL furniture shoes—Turner & Stanton Co., Norwich, Conn.

SLIKUP metal polish, carriage top dressing—N. B. Arnold, 1 Sigourney, Brooklyn, N. Y.

SLOAN flushing valves—Sloan Valve Co., 617 W. Jackson blvd, Chicago, Ill.

SLOAN gas ovens, electric toasters, water coolers—Sloan Novelty Mfg. Co., Kansas City, Mo.

SLOANE aeroplanes—Aircraft Co., 1731 Broadway, New York

SLOAN'S pumping engines—Sam'l. Sloan & Co., Rochester, N. Y.

SLUMBERINE lawn swings—Keystone Farm Machine Co., York, Pa.

SLY water cinder mills—W. W. Sly Mfg. Co., Cleveland, Ohio

SMALLEY gas engines—Smalley Mfg. Co., Manitowoc, Wis.

SMART taps & dies—Greenfield Tap & Die Corp., Greenfield, Mass.

SMASHER clod crushers—Rock Island Plow Co., Rock Island, Ill.

SMEARLESS carbon paper—Vacuo-Static Carbon Co., Rochester, N. Y.

SMILAX rubber hose—Bowers Rubber Works, San Francisco, Cal.

SMIRCHLESS carbon paper—H. M. Storms Co., 11 Vandewater, New York

SMITH box car loaders—Link-Belt Co., 39th & Stewart av, Chicago, Ill.

SMITH car doors & fittings—James Car Door Co., Monadnock blk, Chicago, Ill.

SMITH concrete mixers, hot mixers, glass mixers, hand mixers—T. L. SMITH CO., 1151 32nd, Milwaukee, Wis.

SMITH corn planters, feed cutters, peanut separators—Cardwell Machine Co., 1900 E. Cary, Richmond, Va.

SMITH cotton ginning machinery—Continental Gin Co., Birmingham, Ala.

SMITH cylinder drainers—American Safety Lamp & Mine Supply Co., Scranton, Pa.

SMITH electric bells—Service Electric Co., 323 Sheldon, Chicago, Ill.

SMITH elevator door hangers, improved stall floors—F. P. Smith Wire & Iron Works, Lake & Dearborn, Chicago, Ill.

SMITH farm wagons—Smith Mfg. Co., La Crosse, Wis.

SMITH feed cutters—Glascock Stove & Mfg. Co., Greenboro, N. C.

SMITH feed cutters—S. R. White's Sons, Norfolk, Va.

SMITH fly swatters—Atlas Mfg. Co., New Haven, Conn.

SMITH friction clutches—Hill Clutch Co., 1000 W. 58th, Cleveland, Ohio.

SMITH gas producers, gas valves, tar extractors—Smith Gas Power Engineering Co., Lexington, Richland Co., Ohio

SMITH gas & water main tapping machines—A. P. Smith Mfg. Co., East Orange, N. J.

SMITH hoes—Jno. C. Smith Hoe & Tool Co., Evansville, Ind.

SMITH hot blast radiators, combination pipe vises & steam & hot water heaters—H. B. Smith Co., Westfield, Mass.

SMITH hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.

SMITH locomotive hub plates—Smith Locomotive Adjustable Hub Plate Co., Pittsburgh, Kans.

SMITH pipe threading dies—S. W. Card Mfg. Co., Mansfield, Mass.

SMITH pipe vises—Oswego Tool Co., Oswego, N. Y.

SMITH screen plates—Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.

SMITH shot guns—Hunter Arms Co., Fulton, N. Y.

SMITH steam traps—Robt. C. Johnston & Co., 620 Lodge, Cincinnati, Ohio

SMITH straw cutters—S. R. White's Sons, Norfolk, Va.

SMITH tie renewers—P. & M. Co., 80 E. Jackson blvd., Chicago, Ill.

SMITH trap vents—Fries & Co., 91 Main, Buffalo, N. Y.

SMITH turbine water wheels—S. Morgan Smith Co., York, Pa.

SMITH AMERICAN mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.

SMITH-CHICAGO concrete mixers, high drum paving mixers, fertilizer mixers, low charge mixers, and mixerettes—THE T. L. SMITH CO., 1151 32d, Milwaukee, Wis.

SMITH FORM-A-TRUCK truck units—Smith Form-A-Truck Co., 1470 S. Michigan av, Chicago, Ill.

SMITHICKS belt fasteners—F. P. Smith & Co., Sharon Hill, Pa.

SMITH'S countersinks—M. W. Robinson Co., 203 37th, Brooklyn, N. Y.

SMITH'S pipe vise stands—Strand Heater & Mfg. Co., Cleveland, Ohio

SMITH'S hoes—Union Fork & Hoe Co., Columbus, Ohio

SMITH'S pruning shears—Smith, Seymour & Son, Oakville, Conn.

SMITH'S root cutters—John E. Smith's Sons Co., Buffalo, N. Y.

SMITH'S sash locks, sash pulleys, metal window hardware—Frank E. Smith Metal Window Hardware Co., 81 Clay, Newark, N. J.

SMITH'S stove pipe & elbows—Ohio Stove Pipe & Mfg. Co., New Phila., Ohio

SMITH'S twister stop motions—Draper Corp., Hopedale, Mass.

SMITH'S NEVER ESCAPE rat traps—Detroit Wire & Iron Works, Detroit, Mich.

SMITH 36 hot water heaters—H. B. Smith Co., Westfield, Mass.

SMITH W. 17 hot water supply boilers—H. B. Smith Co., Westfield, Mass.

SMITH-VAILE steam pumps—Platt Iron Works, Dayton, Ohio

SMOKELESS WONDER steam heaters—Ideal Mfg. & Supply Co., Oskaloosa, Ia.

SMOKY CITY packing—American Steam Packing Co., 10 High, Boston, Mass.

SMOOTH pipe wrenches—Warnock Mfg. Co., Worcester, Mass.

SMOOTH OH steel tubing—Mohegan Tube Co., Scott & Meserole, Brooklyn, N. Y.

SMOOTH-ON pipe joint cements—Smooth-On Mfg. Co., 572 Communipaw av, Jersey City, N. J.

SMYRNA front brick—Auburn Shale Brick Co., Auburn, Pa.

SMYTH car derailleurs—Hobart Allfree Co., 37 W. Vanburen, Chicago, Ill.

SNAP belt fasteners—Snap Detachable Belt Fastener Co., 301 Market, Newark, N. J.



- SNAP extension curtain rods—Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.  
 SNAP molders flasks—C. A. Green Co., Toledo, Ohio  
 SNAP molders flasks—Hill & Griffith Co., 1248 State av, Cincinnati, O.  
 SNAP screw pitch gauges—Wood & Spencer Co., Cleveland, Ohio  
 SNAP ON shade holders—Peerless Light Co., 174 W. Randolph, Chicago, Ill.  
 SNAP OVER wire test connectors—Fahnestock Electric Co., Meadow, L. I. City, N. Y.  
 SNECKER gas engines—Stamford Motor Co., Stamford, Conn.  
 SNELL auger bits, boring machines—Snell Mfg. Co., Fiskdale, Mass.  
 SNOW BALL clothes washing machines—Davenport Washing Machine Co., Davenport, Ia.  
 SNOW-BALL ice cream freezers—Richmond Cedar Works, Richmond, Va.  
 SNOWDRIFT hydrated lime—Dittlinger Lime Co., New Braunfels, Texas  
 SNOW E. WHITE clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.  
 SNOW FINGER nail clippers—Snow & Petrelli Mfg. Co., New Haven, Conn.  
 SNOW FLAKE calcined plaster—J. B. King & Co., 17 State, New York  
 SNOW FLAKE corn poppers—Deshler Mail Box Co., Deshler, Ohio  
 SNOW FLAKE library paste—L. H. Thomas Co., 435 S. Peoria, Chicago, Ill.  
 SNOW FLAKE lime—Rochester Lime Co., Rochester, N. Y.  
 SNOW FLAKE lubricating oils & greases—Snow Flake Axle Grease Co., Fitchburg, Mass.  
 SNOW FLAKE plumbers' & mining candles—Standard Oil Co. of N. Y., 555 W. 25th, New York  
 SNOW FLAKE soldering flux—Gresselli Chemical Co., Cleveland, Ohio  
 SNOW-MOORE water cranes—T. W. Snow Construction Co., 537 S. Dearborn, Chicago, Ill.  
 SNOW WHITE artificial stone laundry tubs—Chicago Granite Mfg. Co., 3230 Shields av, Chicago, Ill.  
 SNOW-WHITE pyralin seats—C. F. Church Mfg. Co., Holyoke, Mass.  
 SNYDER'S hot air registers—Hess-Snyder Co., Massillon, Ohio  
 SOAPRUN liquid soap dispensers—Chas. Morrill, 100 Lafayette, New York  
 SACKETT plaster boards—W. S. Gypsum Co., 205 W. Monroe, Chicago, Ill.  
 SOCONY oil, benzine, gasoline, naphtha—Standard Oil Co., of N. Y., 555 W. 25th, New York  
 SO EASY sad irons—Phelps Mfg. Co., Detroit, Mich.  
 SO-EZY lawn swings—Williams Mfg. Co., Macon, Ga.  
 SOFT SPOTS heel cushions—Essex Rubber Co., Trenton, N. J.  
 SOHM clocks, time recorders, time stamps, watchman's boxes—Sohm Electric Signal & Recording Co., 1770 Berteau av, Chicago, Ill.  
 SOHO self-hardening steel—Hobson-Houghton & Co. (Ltd.), 83 Beekman, New York  
 SOIL feeder fertilizer distributors—Leavitt Mfg. Co., Urbana, Ill.  
 SO-KLEAN carbon paper, typewriter ribbons—Downes & Co., 63 Wall, New York  
 SOLANO steam engines—Howard & Morse, 46 Fulton, New York  
 SOLAR belt dressing—Barnum Bros. Co., Troy, N. Y.  
 SOLAR gas & oil lamps, acetylene searchlights—Badger Brass Mfg. Co., Kenosha, Wis.  
 SOLAR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.  
 SOLAR GROUND stoves—Sanitary Heating Co., 233 37th, Brooklyn, N. Y.  
 SOLARINE metal polish—Harry A. Allers, Emerson Bldg., Baltimore, Md.  
 SOLARIOD packing—Thermoid Rubber Co., Trenton, N. J.  
 SOLCUT cutting compounds—C. F. Houghton & Co., 240 W. Somerset, Philadelphia, Pa.  
 SOLDERINE salts—Central Stamping Co., 174 Fulton, New York  
 SOLDER-IRON plumbers' solder—Kahn Bros., 785 Humboldt, Brooklyn, N. Y.  
 SOLDUX self-fluxing, solder—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.  
 SOLID BACK brushes—Standard Brush Co., New Hartford, Conn.  
 SOLID-COMFORT hot air furnaces—May-Fieberger Co., Akron, Ohio.  
 SOLIDHED thumb tacks—Hawkes-Jackson Co., 38 Murray, New York  
 SOLIS belt dressing—Standard Leather Dressing Co., Trenton, N. J.  
 SOLITE carbon paper—De Fi Mfg. Co., 150 Nassau, New York  
 SOL-MIN-OIL lubricating oil & greases—Allen-Murphy Co., 125 W. 46th pl, Chicago, Ill.  
 SOLSHINE metal polish—Solshine Mfg. Co., 204 Milk, Boston, Mass.  
 SO-LUMINUM solder aluminum—So-Luminum Mfg. & Engng. Co., 1790 B'way, New York  
 SOLUS incandescent miniature lamps—C. D. Wood Electric Co., 136 Liberty, New York.  
 SOLUS radiators—National Radiator Co., Johnstown, Pa.  
 SOLVAY granulated calcium chloride—Solvay Process Co., Syracuse, N. Y.  
 SOLVAY paints, concrete coating, core compounds, metallurgical coke—Semet-Solvay Co., Syracuse, N. Y.  
 SOLVONON pulley covering—U. S. Pulley Covering Co., 212 Washington, New York.  
 SOMERSET hot water radiators—National Radiator Co., Johnstown, Pa.  
 SONDERGLASS gauge glasses—A. W. Chesterton Co., 64 India, Boston, Mass.  
 SONNECOTE roofing—L. Sonneborn Sons, 262 Pearl, New York.  
 SONOGRAPH projection apparatus—L. C. Knott Apparatus Co., 79 Amherst, Cambridge, Mass.  
 SONOSCOPE trouble finders—American Electric Co., 6401 S. State, Chicago, Ill.  
 SOOTLESS spark plugs—Oakes & Dow Co., 15 Char-don, Boston, Mass.  
 SORGE exhaust heads, steam traps—A. Sorge, Jr., & Co., Monadnock blk, Chicago, Ill.  
 SOTONE wall finish—Boydell Bros. White Lead & Color Co., Detroit, Mich.  
 SOTTER'S steam heaters—Sotter Bros., Pottstown, Pa.  
 SO. AFRICAN creedmoor scythe snaths—Seymour Mfg. Co., Seymour, Ind.  
 SOUTH ALLEN jelly exaporators—Hydraulic Press Mfg. Co., Mt. Gilead, Ohio  
 SOUTH AMERICAN horse hair—Geo. Willcomb Co., 60 Chardon, Boston, Mass.  
 SOUTH BEND alfalfa cultivators, potato diggers—South Bend Chilled Plow Co., South Bend, Ind.  
 SOUTH BEND coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.  
 SOUTHBURY plows—Wm. & Hy. Bronson, Roxbury, Conn.  
 SOUTHDOWN packing—Crandall Packing Co., Palmyra, N. Y.  
 SOUTHERN crescent anvils, sad irons—Southern Skein & Foundry Co., Chattanooga, Tenn.  
 SOUTHERN fruit exaporators—Southern Evaporator Co., Chattanooga, Tenn.  
 SOUTHERN grain drills, rice planting drills—Wm Fetzner Co., Springfield, Ill.  
 SOUTHERN harrows—Thomas Mfg. Co., Springfield, Ohio  
 SOUTHERN home paint—F. J. Cooledge & Sons, Atlanta, Ga.  
 SOUTHERN saws—Southern Saw & Machinery Works, Atlanta, Ga.  
 SOUTHERN BEAUTY enameled iron bath tubs, sinks & trays, lavatories & fittings, drinking fountains—Cahill Iron Works, Chattanooga, Tenn.  
 SOUTHERN QUEEN garden cultivators—Ohio Cultivator Co., Bellevue, Ohio  
 SOUTHERN QUEEN stoves & ranges—Mountain City Stove & Mfg. Co., Chattanooga, Tenn.  
 SOUTHERN STATES cement—Southern States Portland Cement Co., Rockmart, Ga.  
 SOUTHERN'S metallic shingles—E. E. Southern Iron Co., Kienlen & Hamburger, St. Louis, Mo.  
 SOUTHLAND cultivators—Kingman Plow Co., Peoria, Ill.  
 SOUTHLAND meter boxes—H. W. Clark Co., Mattoon, Ill.  
 SOUTHWARK-HARRIS air compressors—Southwark Foundry & Machine Co., Philadelphia, Pa.  
 SOUTHWARK-RATEAU steam turbines—Southwark Foundry & Machine Co., 430 Washington av, Philadelphia, Pa.  
 SOUTHWICK row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
 SOUTHWORTH paper punching machinery—Southworth Machine Co., Portland, Me.  
 SOUTHWORTH paper testers—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 SOVEREIGN bath tubs—Kohler Co., Kohler, Wis.  
 SOVEREIGN hot water radiators—H. B. Smith Co., Westfield, Mass.  
 SOVRAN brass pins—Oakville Co., Waterbury, Conn.  
 SPACE-SAVING needle & shower baths—Space-Saving Appliance Co., 107 Lafayette, New York.



- SPALDING carriage springs—E. B. Adams & Son, Racine, Wis.
- SPALDING plows—Spalding Tilling Machine Co., Cleveland, Ohio
- SPALDING potato planters—Hirsch Bros., Milwaukee, Wis.
- SPANGLER fire extinguishers—Spangler Mfg. Co., York, Pa.
- SPARE'S manganese bronze alloys, rods & sheets—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
- SPARK coil files—Nicholson File Co., Providence, R. I.
- SPARKLESS woven wire brushes—Barkeley Electric Mfg. Co., Middletown, Ohio
- SPARKS vacuum heating systems—Automatic Vacuum Pump Co., 223 W. Erie, Chicago, Ill.
- SPARROW metal polish, disinfectants—American Oil & Disinfectant Co., 196 Water, New York
- SPARSAM packing—Kern Commercial Co., 114 Liberty, New York
- SPARTA binder covers—Sparta Plow Works, Sparta, Ill.
- SPARTAN kitchen enameled ware—Crunden-Martin Mfg. Co., 2nd & Gratiot, St. Louis, Mo.
- SPARTAN lubricators—Wm. Powell Co., Cincinnati, Ohio.
- SPARTAN pipe wrenches—Drop Forging Co., of New York, 301 West Side av, Jersey City, N. J.
- SPARTAN wood stains—Marietta Paint & Color Co., Marietta, Ohio
- SPARTON belting—Graton & Knight Mfg. Co., Worcester, Mass.
- SPARTON electric automobile horns—Sparks Wittington Co., Jackson, Mich.
- SPAULDING'S FETHER-LYTE shoe-trees—Kennebunk Mfg. Co., Rochester, N. H.
- SPEAKMAN compression cocks, laboratory valves, bath wastes—Speakman Supply & Pipe Co., 30th & Spruce, Wilmington, Del.
- SPEARE'S metal polish—Alden Speare's Sons Co., Cambridge, Mass.
- SPEAR HEAD barrows—Wm. Fetzter Co., Springfield, Ill.
- SPECIAL anvils—Fisher & Norris, Trenton, N. J.
- SPECIAL carbon paper—J. A. Heale & Co., 96 John, New York.
- SPECIAL carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
- SPECIAL feed cutters—F. F. Tanner, Holland, N. Y.
- SPECIAL high speed steel—Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
- SPECIAL padlocks—Slaymaker Lock Co., Lancaster, Pa.
- SPECIAL power presses—A. H. Niles Machine Co., Bridgeport, Conn.
- SPECIAL staybolt iron—Carter Iron Co., Pittsburgh, Pa.
- SPECIAL tire air pumps—Buffalo Auto Accessory Mfg. Co., 369 Ellicott, Buffalo, N. Y.
- SPECIAL EXCELSIOR belting—Boston Belting Co., 84 Linden Park, Boston, Mass.
- SPECIAL RED automobile inner tubes—National Rubber Co., Pottstown, Pa.
- SPECIAL RELIABLE gasoline burners—Schneider & Trenkamp Co., Cleveland, Ohio
- SPE-DE-SHYNE metal polish—Cleanola Co., Fulton bldg, Pittsburgh, Pa.
- SPEDOLINE lubricating oils & greases—Continental Asbestos Corp., 7 Summer, Worcester, Mass.
- SPEEDWAY gasoline engines—Gas Engine & Power Co., & Charles L. Seabury, Morris Heights, N. Y.
- SPEEDWAY lubricating oils & greases—Oil Products Co., 17 Battery pl, New York
- SPEEDWAY REDWALL rubber tires—National Rubber Co., Pottstown, Pa.
- SPEEDY clothes washing machines—H. F. Brammer Mfg. Co., Davenport, Ia.
- SPEEDY force & lift pumps—Wm. Powell Co., Cincinnati, Ohio
- SPEEDY STITCHER harness awls—Stewart-Skinner Co., Worcester, Mass.
- SPEIDEL hoists—John G. Speidel, Reading, Pa.
- SPENCE steam & hot water heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.
- SPENCER boiler flue & tube cleaners—Wm. Mulholland, 79 White, New York
- SPENCER organ blowers, organ motors—Organ Power Co., Hartford, Conn.
- SPENCER pressure regulators, balance valves, pipe vises—Spencer Regulator Co., Salem, Mass.
- SPENCER truck seats—Illinois Malleable Iron Co., 1801 Diversey blvd., Chicago, Ill.
- SPENCER vacuum cleaners—Spencer Turbine Cleaner Co., Hartford, Conn.
- SPENCERIAN respirators—Chicago Eye Shield Co., 2300 Warren av, Chicago, Ill.
- SPERRY farm boilers, vacuum pans—D. R. Sperry & Co., Batavia, Ill.
- SPERRY window casement adjusters—Oscar C. Rixsen Co., 501 S. Jefferson, Chicago, Ill.
- SPERRY BROS. auger bits—Humphreysville Mfg. Co., Seymour, Conn.
- SPERRY PERFECTION cast iron culverts—Brillon Iron Works, Brillion, Wis.
- SPERRY PERFECTION cast iron culverts—N. H. Colby & Son, Granville, Ill.
- SPERRY PERFECTION cast iron culverts—Munnsville Plow Co., Munnsville, N. Y.
- SPERRY PERFECTION cast iron culverts—H. Wetter Mfg. Co., Memphis, Tenn.
- SPHERO blow-off valves—Fairbanks Co., 416 Broome, New York
- SPHINX awning fixtures—John Simmons Co., 110 Centre, New York
- SPHINX belting—Rossendale-Reddaway Belting & Hose Co., Newark, N. J.
- SPHINX metal polish—R. A. Cromwell Mfg. Co., 303 E. 29th, New York
- SPIC & SPAN metal polish—B. T. Babbitt (Inc.), 11 Broadway, New York
- SPICER universal joints—Spicer Mfg. Co., So. Plainfield, N. J.
- SPIDER flexible shafts—Coates Clipper Mfg. Co., Worcester, Mass.
- SPIDER lawn mowers—S. P. Townsend & Co., Orange, N. J.
- SPIDER packing—New York Belting & Packing Co., 91 Chambers, New York
- SPINAWAY detachable motors—Spinaway Boat Motor Co., Freeport, Ill.
- SPIRAL coal separators—Anthracite Separator Co., Hazleton, Pa.
- SPIRAL expanded metal lath—American Rolling Mill Co., Middletown, Ohio
- SPIRIT lacquer—M. L. Barrett & Co., 233 W. Lake, Chicago, Ill.
- SPIRIT levels—Gould & Jackson, Watertown, N. Y.
- SPIRO compression couplings—Bond Foundry & Machine Co., Manheim, Pa.
- SPIROJECTOR ejector condensers—Worthington Pump & Machy. Corp., 115 B'way, New York
- SPIT TIRE spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
- SPITZLI shaft couplers—Fernald Mfg. Co., North End, Pa.
- SPLIT handle post hold diggers—Iwan Bros., South Bend, Ind.
- SPLITPROOF closet seats—Climax Sanitary Co., Detroit, Mich.
- SPOFFORD bit braces—Goodell-Pratt Co., Greenfield, Mass.
- SPOKANE ice & refrigerating machines—Armstrong Machinery Co., Spokane, Wash.
- SPOKANE incubators & brooders—Spokane Incubator Co., Spokane, Wash.
- SPON-TEM paste, powder size—Clark Paper & Mfg. Co., Rochester, N. Y.
- SPORT flexible shafts—Coates Clipper Mfg. Co., Worcester, Mass.
- SPORTING RIFLE POWDER NO. 80—E. I. du Pont de Nemours & Co., Wilmington, Del.
- SPORTMAN'S hunting knives—Marble Arms & Mfg. Co., Gladstone, Mich.
- SPOTLESS brushes—Alpha Brush Co., Troy, N. Y.
- SPRACO spray nozzles—Spray Engng. Co., 93 Federal, Boston, Mass.
- SPRAGUE automobile wind shields—Sprague Umbrella Co., Norwalk, Ohio
- SPRAGUE can openers—Browne & Dowd Mfg. Co., Meriden, Conn.
- SPRAGUE can openers—Fletcher, Terry Co., Forestville, Conn.
- SPRAGUE cheese presses—D. H. Burrell & Co., Little Falls, N. Y.
- SPRAGUE hot air furnaces—Sprague Foundry & Mfg. Co., Council Bluffs, Ia.
- SPREADTITE box straps—Stanley Works, New Britain, Conn.
- SPREDLITE lenses—Corning Glass Works, Corning, N. Y.
- SPRING CLIP battery connectors—National Carbon Co., Cleveland, Ohio
- SPRINGER ironing boards—Oregon Woodenware Mfg. Co., Portland, Ore.
- SPRINGFIELD automobile jacks, tire air pumps, tire remover tools—Shawver Co., Springfield, Ohio
- SPRINGFIELD corn cribs—Wm. Bayley Co., Springfield, Ohio
- SPRINGFIELD grinders—Springfield Mfg. Co., Bridgeport, Conn.
- SPRINGFIELD logging wagons—Springfield Wagon Co., Springfield, Mo.



SPRINGFIELD oil extractors—National Separator & Machine Co., Concord, N. H.  
 SPRINGFIELD toilet paper holders—Morgan Envelope Co., Springfield, Mass.  
 SPRINGFIELD waste traps—Joseph H. Young Co., 82 High, Boston, Mass.  
 SPRING HAMMER drilling machines—Star Expansion Bolt Co., 147 Cedar, New York  
 SPRING LOCK oil & grease cups—Penberthy Injector Co., 346 Holden av, Detroit, Mich.  
 SPRING RAIL clamp frogs—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 SPRING STEP rubber heels—Revere Rubber Co., 60 High, Boston, Mass.  
 SPRING TUMBLER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 SPROCKET padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 SPRUCE tanning extracts—Robeson Process Co., 18 E. 41st, New York  
 SPRY coal drills—Howell's Mining Drill Co., Plymouth, Pa.  
 SQUANTUM reclaimed rubber—Monatiquot Rubber Works Co., S. Braintree, Mass.  
 SQUARE DEAL belting—Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio  
 SQUARE DEAL closet seats—Olmstead-Thomson Mfg. Co., New Britain, Conn.  
 SQUARE DEAL wire fences & gates, poultry netting—Keystone Steel & Wire Co., Peoria, Ill.  
 SQUARE FOUNTAIN lawn sprinklers—Central Brass & Stamping Co., Peoria, Ill.  
 SQUIRES PACKING—Squires & Byrne Rubber Co., San Francisco, Cal.  
 SQUIRREL nut crackers & picks—Woldert Grocery Co., Tyler, Tex.  
 STACKPOLE battery connectors—Stackpole Carbon Co., St. Marys, Pa.  
 STACY valve & service boxes—Builders' Iron Foundry, 9 Coddington, Providence, R. I.  
 STAG belt fasteners—Columbia Novelty Co., St. Louis, Mo.  
 STAG coal tar products—Coal Tar Products Co., 570 Smith, Brooklyn, N. Y.  
 STAG manganese steel castings, frogs, switches & crossings, buckets, chains, gears, rolls, screens, repair parts—American Manganese Steel Co., 332 S. Michigan av, Chicago, Ill.  
 STAG safety fuse—E. I. du Pont de Nemours & Co., Wilmington, Del.  
 STAHL'S steel grease cups—Stahl Mfg. Co., Minneapolis, Minn.  
 STAINES linoleum—Witcombe, McGeachin & Co., 22 W. 37th, New York  
 STALEY dirt tampers—Lourie Mfg. Co., Springfield, Ill.  
 STALL & DEAN baseball bats, base balls, tennis shoes—Stall & Dean Mfg. Co., Brockton, Mass.  
 STAMFORD rubber substitutes—Stamford Rubber Supply Co., Stamford, Conn.  
 STANDARD absorbent cotton—Maplewood Mills, Fall River, Mass.  
 STANDARD artificial leather, wall coverings—L. C. Chase & Co., 89 Franklin, Boston, Mass.  
 STANDARD asphalt—Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.  
 STANDARD automobile tire holders—Cox Brass Mfg. Co., Albany, N. Y.  
 STANDARD automobile tool boxes—Standard Steel Box Co., Bridgeville, Pa.  
 STANDARD automobile trunk racks—Connecticut Steel & Wire Co., Hartford, Conn.  
 STANDARD automobile wheel pullers—Standard Auto Accessory Co., Leipsic, Ohio  
 STANDARD babbitt metal—Atkinson Co., Rochester, N. Y.  
 STANDARD bar drop handle faucets—Standard Brass & Iron Works, Milwaukee, Wis.  
 STANDARD battery motor fans, battery motors—Davis, Kendrick Co., Lebanon, N. H.  
 STANDARD belting—Empire Rubber & Tire Mfg. Co., East Trenton, N. J.  
 STANDARD bicycle tubing—Standard Welding Co., W. 76th, Cleveland, Ohio  
 STANDARD blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.  
 STANDARD boiler oil feeders—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 STANDARD bolt cutting machines—Universal Machine Co., Bowling Green, Ohio  
 STANDARD boring & turning machines—Bullard Machine Tool Co., Bridgeport, Conn.  
 STANDARD bread toasters—Standard Stamping Co., Marysville, Ohio  
 STANDARD bridle rings—Diamond Expansion Bolt Co., 89 West, New York

STANDARD buggy aprons—Racine General Mfg. Co., Racine, Wis.  
 STANDARD butter printing & cutting machines—D. H. Burrell & Co., Little Falls, N. Y.  
 STANDARD car bells & gongs—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.  
 STANDARD car jacks, railway track drills—National Standard Co., Box 211, Niles, Mich.  
 STANDARD car journals—Standard Roller Bearing Co., 50th & Lancaster av, Phila., Pa.  
 STANDARD carbon paper—Non-Smut Carbon Mfg. Co., Rochester, N. Y.  
 STANDARD carpet nails—Milwaukee Tack Co., Milwaukee, Wis.  
 STANDARD carriage axles—Lee & Porter, Buchanan, Mich.  
 STANDARD cement—Standard Portland Cement Co., Birmingham, Ala.  
 STANDARD chain hoists—Wright Mfg. Co., Lisbon, Ohio  
 STANDARD chilian mills—Elspass Engineering & Mining Machinery Co., Denver, Colo.  
 STANDARD churns—Standard Churn Co., Wapakoneta, Ohio  
 STANDARD cigarette machinery, tobacco stemming machines—American Machine & Foundry Co., 346 Carroll, Brooklyn, N. Y.  
 STANDARD circular saw mills—Lyon Iron Works, Greene, N. Y.  
 STANDARD coaster wagons—South Bend Toy Mfg. Co., South Bend, Ind.  
 STANDARD concrete finishing tools—Standard Tool & Mfg. Co., Indianapolis, Ind.  
 STANDARD conduit benders—Thomas & Betts Co., 105 Hudson, New York  
 STANDARD conduit hangers—Yonkers Specialty Co., Yonkers, N. Y.  
 STANDARD corn harvesters, potato diggers—Ohio Rake Co., Dayton, Ohio  
 STANDARD corn huskers—U. S. Wind Engine & Pump Co., Batavia, Ill.  
 STANDARD corn planters—Sheffield Mfg. Co., Burr Oak, Mich.  
 STANDARD cotton rope—Anniston Cordage Co., Anniston, Ala.  
 STANDARD countershafts—Diamond Machine Co., Providence, R. I.  
 STANDARD crayons—Standard Crayon Mfg. Co., Danvers, Mass.  
 STANDARD cream separators—Blanke Mfg. & Supply Co., 3rd & Wash. av, St. Louis, Mo.  
 STANDARD door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 STANDARD drop presses—Standard Machinery Co., Providence, R. I.  
 STANDARD dry batteries—J. H. Bunnell & Co., 32 Park pl., New York  
 STANDARD electric fuses—Harvard Electric Co., 525 W. Van Buren, Chicago, Ill.  
 STANDARD electric portable fans—Robbins & Myers Co., 1400 Lagonda av, Springfield, Ohio  
 STANDARD emery tool grinders—Diamond Machine Co., Providence, R. I.  
 STANDARD exhaust heads—Burt Mfg. Co., 40 Main, Akron, Ohio  
 STANDARD farriers' hammers—Champion Tool Co., Meadville, Pa.  
 STANDARD feed carriers, hay rack clamps—Louden Machinery Co., Fairfield, Ia.  
 STANDARD feed water heaters—Frost Mfg. Co., Galesburg, Ill.  
 STANDARD feed water heaters—Benj. F. Kelley & Son, 26 Cortlandt, New York  
 STANDARD fire alarms, electric, secondary electric, self-winding, synchronized, & tower clocks, & factory signals—Standard Electric Time Co., Springfield, Mass.  
 STANDARD fire door fittings—Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.  
 STANDARD fire extinguishers—M. L. Snyder & Son, 9 N. 4th, Philadelphia, Pa.  
 STANDARD fish lines—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.  
 STANDARD flat spring keys—Ohio Wire Goods Co., Akron, Ohio  
 STANDARD flour sieves—Parker Wire Goods Co., Worcester, Mass.  
 STANDARD flour sieves—Roseland Can & Specialty Co., Rockford, Ill.  
 STANDARD flush receptacles, flush plugs—Arrow Electric Co., Hartford, Conn.  
 STANDARD friction clutch pulleys, machine molded gears—Detroit Standard Gear Co., Detroit, Mich.  
 STANDARD friction clutch pulleys—Erie Clutch & Pulley Co., Erie, Pa.  
 STANDARD friction clutches—Peerless Bread Machine Co., Sidney, Ohio



STANDARD garbage receivers—C. H. Stephenson, Lynn, Mass.

STANDARD garden cultivators—R. Herschel Mfg. Co., Peoria, Ill.

STANDARD garden cultivators—Standard Garden Tool Co., Montrose, Ia.

STANDARD gas radiators—American Stove Co., St. Louis, Mo.

STANDARD gasoline engines—Lennox Machine Co., Marshalltown, Iowa

STANDARD gate valves—Capitol Brass Works, Detroit, Mich.

STANDARD gear cutting & slotting machines—Bilton Machine Tool Co., Bridgeport, Conn.

STANDARD gear cutting machines, slotting machines, floor hinges—Standard Mfg. Co., Shelby, Ohio

STANDARD glass cutters—W. L. Barrett, Bristol, Conn.

STANDARD glue—Standard Glue Co., 350 N. Holliday, Baltimore, Md.

STANDARD granulated raw bone compounds—Rogers & Hubbard Co., Middletown, Conn.

STANDARD gymnastic apparatus, metallic lockers, playground & gymnasium equipment—Narragansett Machine Co., Providence, R. I.

STANDARD hay rack clamps—F. E. Myers & Bro., Ashland, Ohio

STANDARD hot air furnaces, steel ranges—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.

STANDARD hot air furnaces, steam heaters—Giblin & Co., Utica, N. Y.

STANDARD incandescent gas burners—Welsbach Co., 1009 Filbert, Phila., Pa.

STANDARD incandescent renewed lamps—Consolidated Electric Lamp Co., Danvers, Mass.

STANDARD knitting machine needles—Excelsior Needle Co., Torrington, Conn.

STANDARD lamp guards—McGill Mfg. Co., Valparaiso, Ind.

STANDARD letter trays—Standard Wire Co., New Castle, Pa.

STANDARD liquid enamel paints—Ohio Paint & Stain Co., Findlay, Ohio

STANDARD lubricators—G. B. Essex Brass Co., Detroit, Mich.

STANDARD mail boxes—Forest City Foundry & Mfg. Co., 2202 Elm av. Cleveland, Ohio

STANDARD manual training benches—A. L. Bemis, Worcester, Mass.

STANDARD metal polish—Standard Chemical Co., Houston, Texas.

STANDARD natural gas burners—Standard Heating & Radiator Co., Penn & 3rd, Pittsburgh, Pa.

STANDARD oil cans—Maple City Mfg. Co., Monmouth, Ill.

STANDARD oil rig irons—Union Tool Co., Los Angeles, Cal.

STANDARD packer cans—United States Can Co., Cincinnati, Ohio

STANDARD packing—Federal Metallic Packing Co., 48 Hanover, Boston, Mass.

STANDARD packing—Mechanical Rubber Co., Cleveland, Ohio

STANDARD packing—Harry Brousseau, 136 Liberty, New York

STANDARD packing—Peerless Rubber Mfg. Co., 31 Warren, New York.

STANDARD padlocks—Slaymaker Lock Co., Lancaster, Pa.

STANDARD pan cleaning & greasing machines—Gottschalk & Co., Reedsville, Pa.

STANDARD paper box machinery—Kingsbury & Davis Machine Co., Contoocook, N. H.

STANDARD paper cups—Wolf Bros., 330 N. 12th, Philadelphia, Pa.

STANDARD perforated wall ties—Hamblin & Russell Mfg. Co., Worcester, Mass.

STANDARD pipe wrenches—Oswego Tool Co., Oswego, N. Y.

STANDARD playing cards—Standard Playing Card Mfg. Co., 345 W. Austin, Chicago, Ill.

STANDARD pneumatic tires—Standard Tire & Rubber Co., 104 Portland, Boston, Mass.

STANDARD portable ventilators—Standard Ventilator Co., Lewisburg, Pa.

STANDARD post hole augers, garden rakes—Standard Auger Co., 57 W. 34th, Chicago, Ill.

STANDARD pruning shears—Smith, Seymour & Son, Oakville, Conn.

STANDARD pumping engines, pneumatic water supply systems—Standard Pump & Engine Co., Cleveland, Ohio

STANDARD railway track drills—Aldon Co., 3338 W. Ravenswood av, Chicago, Ill.

STANDARD rifles—Standard Arms Mfg. Co., Church & F., Wilmington, Del.

STANDARD road drags—Gallion Iron Works & Mfg. Co., Gallion, Ohio

STANDARD road oils, wire rope coating & lubricant, gas engines—Standard Oil Co., of Ohio, Cleveland, Ohio

STANDARD roll shells—Standard Steel Works Co., Morris bldg., Philadelphia, Pa.

STANDARD roof snow guards, perforated steel, wall ties—Hamblin & Russell Mfg. Co., Worcester, Mass.

STANDARD rubber cements—St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.

STANDARD rubber gloves—Consumers Rubber Co., Cleveland, Ohio

STANDARD rubber mats—Boston Woven Hose & Rubber Co., Cambridge, Mass.

STANDARD rural mail boxes—W. C. Hopson Co., Grand Rapids, Mich.

STANDARD rural mail boxes—Superior Sheet Metal Works Co., 3201 Roosevelt av, Indianapolis, Ind.

STANDARD sand screens—Jeffrey Mfg. Co., Columbus, Ohio

STANDARD sand sifters—Standard Sand & Machine Co., Cleveland, Ohio

STANDARD sash chains—Nicholas Zogg, 228 E. 144th, New York

STANDARD sash operating device—Dearborn Hardware Mfg. Co., 2911 Carroll av, Chicago, Ill.

STANDARD saw gauges—Kantslip Co., Freeport, Mich.

STANDARD saw gummers—Ajax Mfg. Co., N. S., Pittsburgh, Pa.

STANDARD screw drivers—W. A. Ives Mfg. Co., Wallingford, Conn.

STANDARD sewer traps, floor drains, stop & waste cocks, water closets—Prier Brass Mfg. Co., Kansas City, Mo.

STANDARD shaking grates—Brunswick Refrigerating Co., West New Brunswick, N. J.

STANDARD sheet wheels—National Brass Mfg. Co., Rochester, N. Y.

STANDARD soldering flux—Gressell Chemical Co., Cleveland, Ohio

STANDARD speedometers—Standard Thermometer Co., 65 Shirley, Boston, Mass.

STANDARD spiral riveted pipe—Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.

STANDARD spray pumps—Goulds Mfg. Co., 71 W. Fall, Seneca Falls, N. Y.

STANDARD spray pumps—Standard Stamping Co., Marysville, Ohio

STANDARD spring tooth harrows—Eureka Mower Co., Utica, N. Y.

STANDARD stave jointers—Wheland Co., Chattanooga, Tenn.

STANDARD steam superheaters—United Gas Improvement Co., Philadelphia, Pa.

STANDARD steam pipe casings—American District Steam Co., No. Tonawanda, N. Y.

STANDARD steam traps—Kieley & Mueller, 34 W. 13th, New York

STANDARD stove trimmings, stove trucks, cork pullers, mop sticks & holders, nut crackers & picks—Arcade Mfg. Co., Freeport, Ill.

STANDARD stoves—Pittston Stove Co., Pittston, Pa.

STANDARD suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.

STANDARD take-down squares—Southington Hardware Co., Southington, Conn.

STANDARD tank heaters—Hunt, Helm, Ferris & Co., Harvard, Ill.

STANDARD taper reamers—Brown & Sharpe Mfg. Co., Providence, R. I.

STANDARD time stamps—International Time Recording Co., Endicott, N. Y.

STANDARD tire-bolt washers—Cleveland Wrought Washer Co., Cleveland, Ohio

STANDARD tobacco counter cutters—Griswold Mfg. Co., Erie, Pa.

STANDARD toe-calks—Franklin Steel Works, Joliet, Ill.

STANDARD trolley harps & bases—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.

STANDARD tube expanders—Gustav Wiedeke & Co., Dayton, Ohio

STANDARD turpentine—Thomas Sealy, 138 Front, New York

STANDARD turret lathes—Bullard Machine Tool Co., Bridgeport, Conn.

STANDARD valves—Pittsburgh Valve & Fittings Co., Pittsburgh, Pa.

STANDARD varnishes—Standard Varnish Works, 2589 Richmond ter, Elm Park, N. Y.

STANDARD vertical chucking machines—Bullard Machine Tool Co., Bridgeport, Conn.

STANDARD vises—Athol Machine Co., Athol, Mass.



STANDARD wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 STANDARD water bottle heaters—Meier Dental Mfg. Co., 3927 Olive, St. Louis, Mo.  
 STANDARD white buffing compositions—Hill & Griffith Co., 1248 State av., Cincinnati, O.  
 STANDARD wood stains—Yarnall Paint Co., 1020 Race, Philadelphia, Pa.  
 STANDARD yarn conditioning machines—Alfred Suter, 200 5th av, New York  
 STANDARD GIANT tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 STANDARD SIX electric sad irons—Acme Electric Heater Co., Detroit, Mich.  
 STANDARD WIELAND threading machines—Standard Engng. Co., Elwood City, Pa.  
 STANDBY dry batteries—National Carbon Co., Cleveland, Ohio  
 STANDCO hollow set screws—Standard Pressed Steel Co., Philadelphia, Pa.  
 STAND-O-LITE electric desk lights—R. M. Millar Electric Works, 9 S. Clinton, Chicago, Ill.  
 STANEK reducing motions—Bacharach Industrial Instrument Co., 14 Wood, Pittsburgh, Pa.  
 STANHOPE rubber packing—National India Rubber Co., Bristol, R. I.  
 STANLEY air pumps—Bridgeport Brass Co., Bridgeport, Conn.  
 STANLEY back band buckles, camp stools & chairs box straps, hinges—Stanley Works, New Britain, Conn.  
 STANLEY mops—Stanley H. Coffin, 12 Pearl, Boston, Mass.  
 STANLEY rules, levels, mitre boxes—Stanley Rule & Level Co., New Britain, Conn.  
 STANLEY, JR. hose nozzles—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 STANLEY PROCESS babbitt metal—Syracuse Smelting Works, 149 Jewell, Brooklyn, N. Y.  
 STANTON hot air furnaces—Stanton Heater Co., Martins Ferry, Ohio  
 STANVAR floor finish—Standard Varnish Works 2589 Richmond ter, Elm Park, N. Y.  
 STANWELD steel tubing—Standard Parts Co., W. 73d, Cleveland, Ohio  
 STANWOOD safety stair treads—American Mason Safety Tread Co., Boston, Mass.  
 STA-ON laundry tags—Merchandise & Laundry Tag Co., 19 Washington, Boston, Mass.  
 STAONA roofing paints—Wm. T. Baker, 224 Suydam av, Jersey City, N. J.  
 STAPLE saddlery hardware, steel & wood hames—Frazer & Jones Co., Syracuse, N. Y.  
 STAPLES bee-hive furniture polish—H. F. Staples & Co., Medford, Mass.  
 STAPLEY tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.  
 STAR A. H. binder twine—Hooven & Allison Co., Xenia, Ohio  
 STAR artificial stone laundry tubs—J. F. Reilly & Co., San Francisco, Cal.  
 STAR automobile horn pedals—Star Brass Works Co., Kansas City, Mo.  
 STAR automobile & carriage heaters—Lehman Bros., 197 Grand, New York  
 STAR babbitt metal—Lissberger Marks & Son, 281 Borden av, Long Island City, N. Y.  
 STAR bale buckles—Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio  
 STAR ball retainers, bearings—Bearings Co. of America, Lancaster, Pa.  
 STAR barn door hangers & latches, cattle stanchions, coaster wagons, hay carriers, rope hoists, screen door pulls, windmill regulators, wire stretchers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 STAR basin clamps—Trenton Brass & Machine Co., Trenton, N. J.  
 STAR basin clamps—Wolverine Brass Works, Grand Rapids, Mich.  
 STAR bath room fixtures—Searls Mfg. Co., 29 Mulberry, Newark, N. J.  
 STAR belt dressing—Chesapeake Belting Co., 823 McKim, Baltimore, Md.  
 STAR belt dressing—Graton & Knight Mfg. Co., Worcester, Mass.  
 STAR belt fasteners—Hercules Mfg. Co., 2138 W. Van Buren, Chicago, Ill.  
 STAR belt lacing—California Tanning Co., 1905 Shenandoah av, St. Louis, Mo.  
 STAR belt lacing—Columbia Novelty Mfg. Co., 1431 N. 8th, St. Louis, Mo.  
 STAR bicycle & motor cycle pedals—Standard Co., Torrington, Conn.  
 STAR blotting paper—Richmond Paper Mfg. Co., Richmond, Va.  
 STAR boiler compounds—Indianapolis Chemical Co., 1444 Madison av, Indianapolis, Ind.

STAR boiler compounds—National Mill Supply Co., Fort Wayne, Ind.  
 STAR broom holders, rotary flour sieves—Parker Wire Goods Co., Worcester, Mass.  
 STAR broom holders, self-oiling pulleys—Wrightsville Hardware Co., Wrightsville, Pa.  
 STAR bucket pumps—Star Bucket Pump Co., 1218 W. 15th, St. Louis, Mo.  
 STAR butchers' knives—Goodell Co., Antrim, N. H.  
 STAR calking cotton—Estes Mills, Fall River, Mass.  
 STAR can openers, tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 STAR carriage bows, carriage rims, singletrees—Crane & MacMahon, 10 Bridge, New York.  
 STAR carriage & wagon wheels—F. Lebzelter & Son Co., Lancaster, Pa.  
 STAR cast iron soil pipe & fittings—Abenroth Bros., Port Chester, N. Y.  
 STAR cement—Louisville Cement Co., Louisville, Ky.  
 STAR centrifugal weighers—Climax Machinery Co., Indianapolis, Ind.  
 STAR chain hoists, rope sheaves—Boston & Lockport Block Co., 100 Condor, E. Boston, Mass.  
 STAR chisel grinders—Star Specialty Mfg. Co., 227 W. Erie, Chicago, Ill.  
 STAR churns—J. McDermaid, Rockford, Ill.  
 STAR clothes line reels—Feeney Mfg. Co., Muncie, Ind.  
 STAR clothes washing machines—C. E. Ross, Lincoln, Ill.  
 STAR cobblers' outfits, heel plates, shoe blacking, foot rests, lasts & stands—Louis Sacks, Hamburg pl, Newark, N. J.  
 STAR conduit benders, lead pipe benders—Richard C. Bierdemann Co., 4621 N. Clark, Chicago, Ill.  
 STAR conduit fittings, electric fixture studs—Steel City Electric Co., Pittsburgh, Pa.  
 STAR copying paper, onion skin paper, silver tissue paper—C. H. Dexter & Sons, Windsor Locks, Conn.  
 STAR cork board insulation—United Cork Cos., 50 Church, New York  
 STAR corn planters—J. H. Albright & Sons, Mifflinsburg, Pa.  
 STAR corn poppers—G. S. Ressler & Son, Lansing, Mich.  
 STAR corn shellers, hog troughs, stock fountains, stove pipe dampers, tailors' sad irons—Loetscher-Ryan Mfg. Co., Dubuque, Ia.  
 STAR disc harrows—Ohio Cultivators Co., Bellevue, Ohio.  
 STAR disc harrows—Parlin & Orendorff Co., Canton, Ill.  
 STAR disc harrows—Wiard Plow Co., Batavia, N. Y.  
 STAR electric car headlights—Trolley Supply Co., Canton, Ohio  
 STAR engine lathes—Seneca Falls Mfg. Co., Seneca Falls, N. Y.  
 STAR expansion bolts, anchor bolts, toggle bolts, bridle rings, cable supporting clamps, extension drills, pipe hangers—Star Expansion Bolt Co., 147 Cedar, New York  
 STAR feed cutters—Gowanda Agricultural Works, Gowanda, N. Y.  
 STAR foot grinders—Tri-Angle Mfg. Co., Freeport, Ill.  
 STAR force pumps—Blymyer Iron Works Co., Spring Grove av & Terrace pl, Cincinnati, Ohio  
 STAR friction clutches, safety cut-off couplings—C. G. Westlund Co., 498 Millbury, Worcester, Mass.  
 STAR gas engines—Star Mfg. Co., New Lexington, Ohio  
 STAR gas igniters—Hercules Electric Co., Indianapolis, Ind.  
 STAR gas & oil stove ovens—I. Block & Son, 303 Pearl, New York  
 STAR hack saw blades & frames, hack saw machines, kitchen grindstones, mitre boxes, scroll saws—Millers Falls Co., 28 Warren, New York  
 STAR hollow augers—Silver Mfg. Co., Salem, Ohio  
 STAR hopper valves—Crampton-Farley Brass Co., Kansas City, Mo.  
 STAR horse collar pads—Zinc Collar Pad Co., Buchanan, Mich.  
 STAR hot water heaters—Star Heating Co., Norwalk, Ohio  
 STAR incandescent electric lamps—Standard Electric Works of G. E. Co., Warren, Ohio  
 STAR incandescent gas burners—Unique Art Glass & Metal Co., 105 Vandever, Brooklyn, N. Y.  
 STAR ironing boards—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.  
 STAR knife switches—Barklelew Elec. Mfg. Co., Midgetown, Ohio  
 STAR lawn mowers—Dille & McGuire Mfg. Co., Richmond, Ind.



- STAR leather belting—Fairbanks, Morse & Co., 900 S. Wabsh av, Chicago, Ill.
- STAR locknut bushings—Steel City Elec. Co., 1207 Washington av, Pittsburgh, Pa.
- STAR lubricators, gate valves—Wm. Powell Co., Cincinnati, Ohio
- STAR lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
- STAR miners' lamps—Geo. T. Anton & Bro., Monongahela, Pa.
- STAR miners' lamps—Grier Bros. (Ltd.), 124 3rd av, Pittsburgh, Pa.
- STAR mitre boxes—Millers Falls Co., Millers Falls, Mass.
- STAR mitre boxes, picture frame machinery—Rockford Mitre Box Co., Rockford, Ill.
- STAR mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
- STAR oil cups—Swift Lubricator Co., Elmira, N. Y.
- STAR padlock locks—U. S. Lock & Hdwe. Co., Columbia, Pa.
- STAR paper fasteners—American Brass Co., Waterbury, Conn.
- STAR piano wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- STAR pipe vises—Fulton Machine & Vise Co., Lowville, N. Y.
- STAR pistons, flushing valves, piston rings, spark plugs & priming cups—U. T. Hungerford Brass & Copper Co., 80 Lafayette, New York
- STAR plow coulters—Star Coulter Co., Canton, Ohio
- STAR plows—Wm. H. Clore Mfg. Co., Washington, Ind.
- STAR post hole augers—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- STAR potato diggers—D. H. DeShay, Elysburg, Pa.
- STAR potato sprayers—Lawrence-Bostwick Mfg. Co., Phelps, N. Y.
- STAR radiator shields—J. Rutherford & Son, Akron, Ohio
- STAR rakes—G. A. Swineford Co., Canton, Ohio
- STAR rat traps—Lovell Mfg. Co., Erie, Pa.
- STAR reclaimed rubber—Manufactured Rubber Co., Penna. bldg., Philadelphia, Pa.
- STAR roof flanges, soil pipe testing plugs—H. E. Hessler Co., Syracuse, N. Y.
- STAR round belting—F. Ranville Co., Grand Rapids, Mich.
- STAR rubber buckets—Henry C. Freshour, Bridgeport, Conn.
- STAR safety razors—Kampfe Bros., 8 Reade, New York
- STAR sash cords—Estes Mills, Fall River, Mass.
- STAR sash locks—W. & E. T. Fitch Co., New Haven, Conn.
- STAR saw sets—Hy. Disston & Sons, Tacony, Philadelphia, Pa.
- STAR screw drivers, cultivator hoes—Cronk & Carrier Mfg. Co., Elmira, N. Y.
- STAR seal presses—Sigwalt Mfg. Co., 3658 Armitage, Chicago, Ill.
- STAR sewing machine oilers—Hero Mfg. Co., Gaul & Adams, Philadelphia, Pa.
- STAR shade cloth—Columbia Shade Cloth Co., 225 5th av, New York
- STAR shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- STAR sickle grinders—Clizbe Bros. Mfg. Co., Plymouth, Ind.
- STAR soldering & paste—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.
- STAR speedometers—Star Speedometer Co., Milton, Pa.
- STAR spiral springs—Columbia Hardware Co., Cleveland, Ohio
- STAR spring tooth harrows—Gales Mfg. Co., Albion, Mich.
- STAR steak pounders—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
- STAR steam gauges, steam engine indicators, pop safety valves—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
- STAR steam heaters, water tube boilers—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
- STAR steel tanks & towers, wood sawing machines—Flint & Walling Mfg. Co., Kendallville, Ind.
- STAR step ladders—S. A. Smith Mfg. Co., Brattleboro, Vt.
- STAR step ladders—Union Blind & Ladder Co., Oakland, Cal.
- STAR stove pipe thimbles—E. C. Stearns Co., Syracuse, N. Y.
- STAR stove poker—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- STAR switch stands—Pettibone, Mulliken & Co., Marquette bldg., Chicago, Ill.
- STAR tack claws & pullers—W. G. Browne Mfg. Co., Kingston, N. Y.
- STAR tank heaters—B. F. Freeland Sons Co., Sturgis, Mich.
- STAR tapping attachments—Modern Tool Co., 500 State, Erie, Pa.
- Star tinners' snips—Acme Shear Co., Bridgeport, Conn.
- STAR tire upsetters—Champion Blower & Forge Co., Lancaster, Pa.
- STAR trace carriers—North & Judd Mfg. Co., New Britain, Conn.
- STAR typewriter ribbons—F. S. Webster Co., 340 Congregational, Boston, Mass.
- STAR ventilators, automobile metal tire cases—Merchant & Evans Co., 517 Arch, Philadelphia, Pa.
- STAR wagons, wagon dump boxes, manure spreaders—Glen Wagon & Car Corp., Cortland, N. Y.
- STAR wall plaster—New Albany Wall Plaster Co., New Albany, Ind.
- STAR water filters—Wm. Welsh, 2733 Arbor av, Hyde Park, Cincinnati, Ohio
- STAR weatherproof wire—American Electrical Works, Phillipsdale, R. I.
- STAR white metal compositions—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.
- STAR wood faucets—John Sommer Faucet Co., 355 Central av, Newark, N. J.
- STAR-CLEAN carriage top dressing—Alder Chemical Co., Mount Vernon, N. Y.
- STAR COLONEL golf balls—St. Mungo Mfg. Co., 81 Mt. Prospect av, Newark, N. J.
- STAR DELAY action fuzes—Hercules Powder Co., Wilmington, Del.
- STAR 91 wrenches—Coes Wrench Co., Worcester, Mass.
- STAR-PEERLESS flour bin & sifter—Iddings Co., Warren, Ohio
- STAR POLISHER sad irons—Enterprise Mfg. Co., of Pa., Phila., Pa.
- STAR POST caps & bases—A. M. Castle & Co., 1300 N. Branch, Chicago, Ill.
- STAR QUALITY sad irons—W. H. Howell Co., Geneva, Ill.
- STAR RANGE boilers—Detroit Range Boiler Co., 619 24th, Detroit, Mich.
- STARALINE metal Polish—Rath Mfg. Co., Headley & Richmond, Philadelphia, Pa.
- STARBUCK pipe bending springs, pipe nipple holders—R. M. Starbuck & Sons, Hartford, Conn.
- STA-RITE friction clutches—Secord & Orr Co., Jackson, Mich.
- STA-RITE gas engines—Sta-Rite Engine Co., La Crosse, Wis.
- STAR-ITE varnish—Adams & Elting Co., 722 W. Washington, Chicago, Ill.
- STARK car couplers—Stark Car Coupler Corp., Strasburg, Va.
- STARK lathes, milling machines, damasking machines, pinion polishing machines, reamer grinders—Stark Tool Co., Waltham, Mass.
- STARK laundry stoves, tank heaters—Novelty Iron Co., Canton, Ohio
- STAR QUICK SHIFT steel anti-rattlers—Evans & Coppins Co., Princeton, Ill.
- STARR automobile tire holders—Starr Bros. Bell Co., East Hampton, Conn.
- STARRETT vises—Athol Machine Co., Athol, Mass.
- STARRETT'S fine tools—L. S. Starrett Co., 212 Vine, Philadelphia, Pa.
- STAR SPECIAL PLANNER round belting—F. Ranville Co., Grand Rapids, Mich.
- STATEMENT circular folding machines—American Multigraph Sales Co., 1832 E. 4th, Cleveland, Ohio
- STATESMAN bath tub enamels, dust absorbing floor oils, radiator enamels—Chas. H. Brown Paint Co., 188 Montague, Brooklyn, N. Y.
- STA-THERE battery connectors—Manhattan Electrical Supply Co., 17 Park pl, New York
- STA-TITE piston rings—Sta-Tite Packing Ring Co., 3049 Olive, St. Louis, Mo.
- STAUFFER grease cups—McNab & Harlin Mfg. Co., 55 John, New York
- STAVELCO arc lamps—Stave Electrical Co., 131 Hudson, New York
- STAWANA gang plows—Racine-Sattley Co., Springfield, Ill.
- STAY-IN flue stops—Peoria Can Co., Peoria, Ill.
- STAYON barn door hangers—F. E. Myers & Bro., Ashland, Ohio
- STAY ON feed carriers—Automatic Carrier Co., Juneau, Wis.
- STAY ON horse blankets—Burlington Blanket Co., Burlington, Wis.
- STAY THERE fire & waterproof paints—Hardie Mfg. Co., Hudson, Mich.



STEADY HAND speedometers—Hoffecker Co., 222 Eliot, Boston, Mass.

STEARNS hollow augers—Buckeye Saw Vise Co., Cleveland, Ohio

STEARNS lawn mowers, lawn sprinklers, saw sets, mitre boxes, door & sash clamps—E. C. Stearns & Co., Syracuse, N. Y.

STEBBINS molasses gates—Taylor & Boggis Foundry Co., Cleveland, Ohio

STEBBINS molasses gates—Weller Hardware & Foundry Co., Horsehead, N. Y.

STEBBINS pyrites & sulphur burners—Stebbins Engineering & Mfg. Co., Watertown, N. Y.

STEEL-AGE medicine cabinets—Corry Metal Products Co., Corry, Pa.

STEEL bond sanitary flooring—Franklyn R. Muller & Co., Waukegan, Ill.

STEEL CITY junction boxes—Steel City Electric Co., 1207 Washington av, Pittsburgh, Pa.

STEEL GIANT equalizers—E. B. Adams & Son, Racine, Wis.

STEEL KING bottom dump wagons—F. MacKinnon Mfg. Co., Grand Rapids, Wis.

STEEL KING concrete mixers—American Cement Machine Co., Keokuk, Ia.

STEEL KING cultivators—Donaldson Bros., Mt. Clemens, Mich.

STEEL KING self dumping rakes—Messinger Mfg. Co., Tatamy, Pa.

STEEL KING sulky hay rakes—Ohio Rake Co., Dayton, Ohio

STEEL KING tractors—Hart-Parr Co., Charles City, Ia.

STEEL-KOTE paints—Schoellkopf, Hartford & Hanna Co., Buffalo, N. Y.

STEEL KUT coffee mills—Hamilton-Beach Mfg. Co., Racine, Wis.

STEEL STATE padlocks—Slaymaker Lock Co., Lancaster, Pa.

STEEL-TYE filing envelopes—Geo. B. Groff Co., 294 Washington, Boston, Mass.

STEELBOUND cork mats—La Porte Mat & Mfg. Co., La Porte, Ind.

STEELCOTE asphalt roofing—A. H. White Co. Ltd., Howard, Venus, Miro & Tonti, New Orleans, La.

STEELCRETE expanded metal lath, plasters, steel corner beads—Consolidated Expanded Metal Co.'s, Braddock, Pa.

STEELE grate bars—Salamander Grate Bar Co., 126 Liberty, New York

STEELE HARVEY annealing, assayers', bullion, case hardening, melting, reducing, refining, reheating, turning & welding furnaces—Monarch Engineering & Mfg. Co., American Bldg., Baltimore, Md.

STEELEX ball valve seats—Chas. N. Hough Mfg. Co., Franklin, Pa.

STEELMARK crayons—Zelnicker Crayon Works, St. Louis, Mo.

STEEL MIXTURE brick—McLeod & Henry Co., 360 1st, Troy, N. Y.

STEEL PRESSURE exhaust fans—R. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.

STEEL'S grate bars—Richard Thompson & Co., 126 Liberty, New York

STEEL WHITE kitchen cabinets—Steel White Co., Jamestown, N. Y.

STEER BRAND leather belting—Joseph Meier's Sons, 306 Market, Newark, N. J.

STEER'S patent expansive bits—C. E. Jennings & Co., 71 Murray, New York

STEERSTOCK belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.

STEINBRUNN boring bars—Diamond Specialty Co., Harrison bldg, Phila., Pa.

STEINER electric coffee mills, motor-driven washing machines—Steiner Mfg. Co., 4100 N. 21st, St. Louis, Mo

STEINFELD meat & food choppers, sleds & steering coasters, ironing boards, hammocks, glass canister—Steinfeld Bros., 116 W. 32nd, New York

STEINFELD window screens—Geneva Mfg. Co., Geneva, Ill.

STEIN'S exhaust heads—G. Irving Abendroth Co., 10 E. 43d, New York

STEITZ potato sprayers—Stevens Mfg. & Foundry Co., Decatur, Ill.

STEK-O powder size—Clark Paper & Mfg. Co., Rochester, N. Y.

STELLAR kerosene lamp burners—Edw. Miller & Co., Meriden, Conn.

STEMPAK packing—Goetze Gasket & Packing Co., New Brunswick, N. J.

STENGEL bed & furniture casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

STENOTYPE shorthand typewriters—Stenotype Co., Indianapolis, Ind.

STEPHAN belt dressing—Desmond-Stephan Mfg. Co., Urbana, Ohio

STEPHENS linemen's climbers—Wilmot Stephens, Binghamton, N. Y.

STEPHENS machinists' vises—G. M. Yost Mfg. Co., Meadville, Pa.

STEPHENS ratchet wrenches—Burgess-Norton Mfg. Co., Geneva, Ill.

STEPHENSON boiler compounds—Stephenson Mfg. Co., Albany, N. Y.

STEPHENSON bolts, nuts & rivets—Wine Railway Appliance Co., Toledo, Ohio

STEPHENSON gear lubricants, rope dressing—Stephenson Mfg. Co., Albany, N. Y.

STERLING air economizers, air reheaters—Sterling Equipment Co., 139 N. Clark, Chicago, Ill.

STERLING barn door hangers—Lawrence Bros., Sterling, Ill.

STERLING barrows, sterling carts, trucks, molders' flasks, sprue boxes—Sterling Wheelbarrow Co., Milwaukee, Wis.

STERLING battery meters—Sterling Mfg. Co., Cleveland, Ohio

STERLING blotting paper—Standard Paper Mfg. Co., Hull & Canal, Richmond, Va.

STERLING borax, boric acid—Thorkildsen-Mather Co., 111 W. Monroe, Chicago, Ill.

STERLING carpet sweepers—Metal Stampings Corp., Streator, Ill.

STERLING coffee & spice mills—Wrightsville Hardware Co., Wrightsville, Pa.

STERLING concrete mixers—Sterling Pattern Works, Sterling, Ill.

STERLING cordage & twine—American Mills Co., Atlanta, Ga.

STERLING core oils, core oil compounds—Sterling Oil Co., Emlenton, Pa.

STERLING corn & cob mills, clod crushers, fertilizer distributors, seeders & sowers, potato diggers—Sterling Mfg. Co., Sterling, Ill.

STERLING corrugated metal culverts—Galion Iron Works & Mfg. Co., Galion, Ohio

STERLING cotton hose—Mechanical Rubber Co., 73 Reade, New York

STERLING electric car brakes, sand boxes—Lord Mfg. Co., 105 W. 40th, New York

STERLING emery wheel dressers—Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.

STERLING exhaust heads, ball joints, countershafts, journal boxes, ventilators—Sterling Blower & Pipe Mfg. Co., Hartford, Conn.

STERLING family funnels, fry pans, milk dippers—Central Stamping Co., 172 Fulton, New York

STERLING farm wagons—Abingdon Wagon Co., Abingdon, Ill.

STERLING flushing valves—Sterling Valve Co., Springfield, Mass.

STERLING foundry trucks—Sterling Wheelbarrow Mfg. Co., South Fort Smith, Ark.

STERLING fountain pens—Davidson Rubber Co., Boston, Mass.

STERLING garbage destructors—Griscom-Russell Co., 92 West, New York

STERLING garden hose reels—Cardington Cabinet Co., Cardington, Ohio

STERLING grain car loaders—H. W. Caldwell & Son Co., 17th & Western av, Chicago, Ill.

STERLING grindstones—Cleveland Stone Co., Cleveland, Ohio

STERLING hack saw blades & frames, hack saw machines—Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.

STERLING harness snaps—Covert Mfg. Co., Troy, N. Y.

STERLING hay carriers, sickle grinders—Whittaker Mfg. Co., 509 W. Monroe, Chicago, Ill.

STERLING hot air furnaces, gas ranges—Sill Stove Works, Rochester, N. Y.

STERLING incandescent electric lamps—Sterling Electric Lamp Works of G. E. Co., Warren, Ohio

STERLING ink erasers—Turner Bros., 1022 Arch, Phila., Pa.

STERLING interior conduits—Safety Armorite Conduit Co., 525 3rd av, Pittsburgh, Pa.

STERLING lampwicks—Estes Mills, Fall River, Mass.

STERLING lawn mowers—American Lawn Mower Co., Muncie, Ind.

STERLING levelers, transits—Warren-Knight Co., 136 N. 12th, Phila., Pa.

STERLING meat & food choppers, slicing machines—N. R. Streeter & Co., Rochester, N. Y.

STERLING oil engines, pumping jacks—Charter Gas Engine Co., Sterling, Ill.

STERLING oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.

STERLING oil & grease cups—Sterling Machine & Stamping Co., Wellington, Ohio



- STERLING packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- STERLING packing—Empire Tire & Rubber Corp., East Trenton, N. J.
- STERLING packing—G. W. Knowlton Rubber Co., 60 Pearl, Boston, Mass.
- STERLING propeller wheels—Sterling Engine Co., Buffalo, N. Y.
- STERLING rail saws—Diamond Saw & Stamping Works, Buffalo, N. Y.
- STERLING razor stoppers—Samuel Kanner, 556 Broadway, New York
- STERLING round cornering machines—Southworth Machine Co., Portland, Me.
- STERLING rubber hose—Peerless Rubber Mfg. Co., 31 Warren, New York
- STERLING rubber tires, horse shoe pads—Rutherford Rubber Co., Rutherford, N. J.
- STERLING screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- STERLING silver polish—Miller Bros. & Co., 894 Broadway, New York
- STERLING steam traps—Templeton Mfg. Co., Boston, Mass.
- STERLING tack claws & pullers—Browne & Dowd Mfg. Co., Meriden, Conn.
- STERLING typewriter ribbons—E. A. Brecher & Co., 119 Lafayette, New York
- STERLING universal joints—Bearings Co. of America, Lancaster, Pa.
- STERLING vacuum cleaners—Sterling Vacuum Cleaner Co., Worcester, Mass.
- STERLING valve re-seating machines—Adam A. Long, Rochester, N. Y.
- STERLING veneered doors—Roddis Lumber & Veneer Co., Marshfield, Wis.
- STERLING water gauges—Williams Gauge Co., 545 4th av, Pittsburgh, Pa.
- STERLING water tube expanders—Gustav Wiedeke & Co., Dayton, Ohio
- STERLING wrenches, slip joint pliers—Frank Mossberg Co., Attleboro, Mass.
- STERLING NO-RIVET damper clips—Meister & Cochran, Sterling, Ill.
- STERLING NO-RIVET damper clips, step ladder stools—Sterling Foundry Co., Sterling, Ill.
- STERLINGWORTH brake beams—Chicago Railway Equipment Co., 1928 W. 46th, Chicago, Ill.
- STERNOLD moulded insulation—Dickinson Mfg. Co., Springfield, Mass.
- STETSON chair tips—Elastic Tip Co., 370 Atlantic av, Boston, Mass.
- STETSON drill chucks—Morse Twist Drill & Machine Co., New Bedford, Mass.
- STETTINER'S cement—H. Marquardt & Co., 35 S. William, New York
- STEUBEN step ladders—W. W. Babcock Co., Bath, N. Y.
- STEVENS can filling machines—Ayars Machine Co., Salem, N. J.
- STEVENS fertilizer distributors, seeders & sowers—Belcher & Taylor Agrl. Tool Co., Chicopee Falls, Mass.
- STEVENS mine cages, mine ventilating fans—Mineral Ridge Mfg. Co., Mineral Ridge, Ohio
- STEVENS plumbago stoppers—Frederick B. Stevens, 3rd & Larned, Detroit, Mich.
- STEVENS potato planters—Stevens Mfg. & Foundry Co., Decatur, Ill.
- STEVENS water level recorders—Leupold & Voelpel, Portland, Ore.
- STEVENS' KING can filling machines—Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.
- STEWART'S DOLAN acetylene gas burners—D. M. Stewart Mfg. Co., Chattanooga, Tenn.
- STEWART bumpers—Stewart-Warner Speedometer Corp., 1826 Diversey P'kway, Chicago, Ill.
- STEWART butter printing & cutting machines—American Butter Cutting Machine Co., Elmford, N. Y.
- STEWART carbureters—Detroit Lubricator Co., 1178 Trumbull av, Detroit, Mich.
- STEWART core compounds—Delevan Mfg. Co., 65 Delevan, Brooklyn, N. Y.
- STEWART hot air furnaces, stoves, gas ranges—Fuller-Warren Co., Milwaukee, Wis.
- STEWART jigs for coal washeries—Link-Belt Co., 39th & Stewart av, Chicago, Ill.
- STEWART melting furnaces, horse clipping machines—Chicago Flexible Shaft Co., 81 S. La Salle av, Chicago, Ill.
- STEWART sad irons—Central Flatiron Mfg. Co., Binghamton, N. Y.
- STEWART safety pins—Consolidated Safety Pin Co., Bloomfield, N. J.
- STEWART'S talking machines—Stewart Phonograph Corp., 2843 N. Lincoln, Chicago, Ill.
- STICKERS cement coated wire nails—Howard W. Middleton Co., 945 Ridge av, Phila., Pa.
- STICKLE feed water heaters & purifiers, steam traps, vacuum valves—Open Coil Heater & Purifier Co., Indianapolis, Ind.
- STICK-TITE bow separators—Iroquois Auto Top Co., Utica, N. Y.
- STICK-TO iron & steel cements—A. Wilhelm Co., Reading, Pa.
- STIKEMAN metallic library shelving—Geo. Stikeman, 114 W. 32nd, New York
- STILES dry measures—Ferris Mfg. Co., Cincinnati, Ohio
- STILES toilet paper holders—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- STILLBECH fire, etc., alarms, hose connectors, expansion joints, unions, hydraulic valves—New York Brass Foundry Co., 104 Centre, New York
- STILLMAN-CARMICHAEL damper regulators—Stillman-Carmichael Co., 19 Pearl, Boston, Mass.
- STILLSON pipe vises—Parmelee Tool Co., 2515 W. Monroe, Chicago, Ill.
- STILLSON pipe wrenches—Bonney Vise & Tool Works, Allentown, Pa.
- STILLSON pipe wrenches—Oswego Tool Co., Oswego, N. Y.
- STILLSON pipe wrenches—Walworth Mfg. Co., Boston, Mass.
- STILLSON pipe wrenches—F. E. Wells & Son Co., Greenfield, Mass.
- STILLWELL feed water heaters—Platt Iron Works Co., Dayton, Ohio
- STIMPSON scales—Stimpson Scale & Electric Co., Northville, Mich.
- STIMPSON'S dovetail machines—Goodspeed Machine Co., Winchendon, Mass.
- STIRLING water tube boilers—Babcock & Wilcox Co., 85 Liberty, New York
- STOCKTON gang plows—H. C. Shaw Co., Stockton, Cal.
- STODDARD tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.
- STOEVE pipe cutting & threading machines—Treadwell Engng. Co., Easton, Pa.
- STOKES hospital stretchers—Kny-Scheerer Co., 404 W. 27th, New York
- STOKSET air valves—Bogardus-Nelson Co., Marshalltown, Ia.
- STONE shock absorbers—Universal Rim Co., 1502 S. Michigan av, Chicago, Ill.
- STONE wool dryers—James Hunter Machine Co., N. Adams, Mass.
- STONEMETZ printing machinery—Challenge Machinery Co., Grand Haven, Mich.
- STONES ash expellers, manganese bronze ingots—McNab Co., Bridgeport, Conn.
- STONES BRONZE ship propellers—McNab Co., Bridgeport, Conn.
- STONES HYDRAULIC bulkhead doors—McNab Co., Bridgeport, Conn.
- STONEWALL cotton plows, sugar cane mills—S. R. White's Sons, Norfolk, Va.
- STOPA LEAK pipe joint cements—W. T. Baker, 224 Suydam av, Jersey City, N. J.
- STOPEHAMMER pneumatic drills—Ingersoll-Rand Co., 11 B'way, New York
- STOP LEAK roofing cements—Jones Paint Co., Rome, N. Y.
- STORIE brass valves—Scully Iron & Steel Co., 2554 S. Ashland av, Chicago, Ill.
- STORM KING door hangers—Safety Door Hanger Co., Ashland, Ohio
- STORM KING hot air furnaces—Roberts-Hamilton Co., Minneapolis, Minn.
- STORM KING hot air furnaces—Union Stove Works, 70 Beekman, New York
- STORMPROOF barn door hangers—National Mfg. Co., Sterling, Ill.
- STORMTIGHT asphalt fibre roofing—L. Sonneborn Sons, 262 Pearl, New York
- STOVER bone mills—Stover Mfg. Co., Freeport, Ill.
- STOVER gasoline engines—Stover Engine Works, Freeport, Ill.
- STOWELL car door hangers & hay fork pulleys—Stowell Co., So. Milwaukee, Wis.
- STRAIGHT PUSH sash operating device & ventilating apparatus—G. Drouve Co., 40 Tulip, Bridgeport, Conn.
- STRAIGHTLINE electric bells—P R Mfg. Co., Detroit, Mich.
- STRAITEDGE plasters' steel corner beads—Clark Caster Co., Plainville, Conn.
- STRAITS bar tins—Foreign & Domestic Metal Co., Cleveland, Ohio



STRAIT'S tractors—Killen-Strait Mfg. Co., Appleton, Wis.  
 STRAND gas heaters—Strand Heater & Mfg. Co., Cleveland, Ohio  
 STRATTON steam separators—Griscom-Russell Co., 92 West, New York  
 STRAUSS diamond edge ice skates—J. E. Strauss, St. Paul, Minn.  
 STREATOR, carpet sweepers—Metal Stamping Corp., Streator, Ill.  
 STREET locomotive stokers—Locomotive Stoker Co., Schenectady, N. Y.  
 STREETER blind fasteners—Parker Wire Goods Co., Worcester, Mass.  
 STREETER pipe plugs—Norwood Engng. Co., Florence, Mass.  
 STREETER'S can openers—N. R. Streeter & Co., Rochester, N. Y.  
 STREETER'S steel window frame—Streeter Clip & Specialty Co., 4101 Ravenswood av, Chicago, Ill.  
 STREICH farm wagons—A. Streich & Bro. Co., Oshkosh, Wis.  
 STRICKLER door hangers, feed carriers, grapple forks, hay slings, hay carriers—Strickler Hay Tool Co., Janesville, Wis.  
 STRIET pulley turning lathes—Cincinnati Pulley Machinery Co., Covington, Ky.  
 STROM clamp frogs—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 STROMBERG carbureters—Stromberg Motor Devices Co., 64 E 25th, Chicago, Ill.  
 STRONG diamond holders—Montgomery & Co., 105 Fulton, New York  
 STRONG pump governors, steam separators, steam traps, engine stops, pressure regulators, valves—Strong, Carlisle & Hammond, 336 Frankfort av, N. W., Cleveland, Ohio  
 STRONG'S packing, packing hooks, gaskets, lubricating oils & greases, rubber valves—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S specialty white waste—Strong Cotton Waste & Mfg. Co., 48 Franklin, New York  
 STRONG'S AQUAPROOF hydraulic packing—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S BEST packing flax—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S EXCELSIOR packing sticks—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S E-Z-E-E lubricating oils & greases—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S I. O. P. valve discs—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S RIVALITE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S SPECIALTY chisels—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S TISAFINE belting, packing, machine wipers—Strong Machinery & Supply Co., 21 Walker, New York  
 STRONG'S VERI BEST ring & spiral packing—Strong Machinery & Supply Co., 21 Walker, New York  
 STROUD coal dust burners—E. H. Stroud & Co., 928 Fullerton, Chicago, Ill.  
 STROUD plows, logging wagons, road levelers—Thos. F. Stroud & Co., Omaha, Nebr.  
 STROUS belt dressing—Savannah Supply Co., Savannah, Ga.  
 STRUCTO toys—Structo Mfg. Co., Freeport, Ill.  
 STUBBS gasoline burners—Incandescent Light & Stove Co., Columbia rd, Cincinnati, Ohio  
 STUBBS reels—Wm. Firth, 200 Devonshire, Boston, Mass.  
 STUBBS road scrapers—Mechanical Mfg. Co., Union Stock Yards, Chicago, Ill.  
 STUCKI side bearings—A. Stucki, Oliver bldg, Pittsburgh, Pa.  
 STUCKOTE waterproofing materials—National Roofing Co., Tonawanda, N. Y.  
 STUCOLOR paints—Glidden Varnish Co., Cleveland, Ohio  
 STUDEBAKER wagons—Studebaker Corp., South Bend, Ind.  
 STUHL oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 STUMPF UNA-FLOW steam engines—Ames Iron Works, Oswego, N. Y.  
 STUNNER peanut roasters—Bartholomew Co., Peoria, Ill.  
 STURGES air compressors, automatic valves—Sturges Engineering Dept. of Ludlow Valve Mfg. Co., ft of Adams, Troy, N. Y.  
 STURTEVANT blowers, dryers-carpet, paper, cotton hair, warp, etc., fans, engines, steam turbines, steam traps, generating sets, electric & airplane engines, vacuum cleaners—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.

STURTEVANT vacuum cleaners—Western Electric Co., 463 West, New York  
 STURTEVANT READY TO RUN portable ventilating sets—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.  
 STUTZMAN fruit evaporators—Stutzman Mfg. Co., Ligonier, Ind.  
 STYLE A ironing machines—Adams Laundry Machinery Co., Troy, N. Y.  
 STYRIAN tool steel—Houghton & Richards, 148 Oliver, Boston, Mass.  
 SUBERIT cork washers—Armstrong Cork Co., Pittsburgh, Pa.  
 SUBLIME white lead basic sulphate, blue lead—The Eagle Picher Lead Co., 208 S. La Salle, Chicago, Ill.  
 SUBMARINE soap powders—J. T. Kenny & Co., St. Paul, Minn.  
 SUCCESS ash & garbage cans, lawn clothes dryers—Success Mfg. Co., Gloucester, Mass.  
 SUCCESS boiler compounds—Chas. Nuhring & Bro., 212 Walnut, Cincinnati, Ohio  
 SUCCESS bottle filling machines—Federal Brass Works, 3100 S. Kedzie, Chicago, Ill.  
 SUCCESS bridle bits—Fernald Mfg. Co., North East, Pa.  
 SUCCESS bridle bits—Wm. Van Arsdale, Racine, Wis.  
 SUCCESS carriage fasteners—C. Cowles & Co., New Haven, Conn.  
 SUCCESS corn huskers—Maytag Co., Newton, Ia.  
 SUCCESS cream separators, fireless cookers—Deshler Mail Box Co., Deshler, Ohio  
 SUCCESS foot power grinders—Buffalo Specialty Co., Buffalo, N. Y.  
 SUCCESS gasoline engines—Leavitt Mfg. Co., Urbana, Ill.  
 SUCCESS hame fasteners—O. B. North & Co., New Haven, Conn.  
 SUCCESS hame fasteners—North & Judd Mfg. Co., New Britain, Conn.  
 SUCCESS harrow carts—Moline Plow Co., Moline, Ill.  
 SUCCESS hydraulic turbines & turbine water wheels—S. Morgan Smith Co., York, Pa.  
 SUCCESS manure spreaders—Marseilles Co., East Moline, Ill.  
 SUCCESS packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 SUCCESS plows—Parlin & Orendorff Co., Canton, Ill.  
 SUCCESS spray pumps—Deming Co., Salem, Ohio  
 SUCCESS tool grinders—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.  
 SUCCESS tread horse powers—Appleton Mfg. Co., Batavia, Ill.  
 SUCCESS tube cleaners—Chas. Nuhring & Bro., 1212 Walnut, Cincinnati, Ohio  
 SUCCESS vacuum cleaners—Hutchinson Mfg. Co., Wilkesburg, Pa.  
 SUCCESS water gauges—Williams Gauge Co., 545 4th av, Pittsburgh, Pa.  
 SUCCESS wire poultry netting—Indiana Steel & Wire Co., Muncie, Ind.  
 SUCCESS wire stretchers—Hobulin Bros., Goodfield, Ill.  
 SUCCESS wood pulp grinders—Appleton Machine Co., Appleton, Wis.  
 SUCCESSFUL incubators & brooders—Des Moines Incubator Co., Des Moines, Ia.  
 SUCKER hot water heaters—Rollyn, Hawkins Co., Indianapolis, Ind.  
 SUCKER STATE grain drills, disc harrows, stalk cutters—Hayes Pump & Planter Co., Galva, Ill.  
 SUCTION back shaving mirrors—F. C. Shuman Co., 168 N. Michigan av, Chicago, Ill.  
 SU-DIG plug ignition—Superior Motor Power Co., 30 Irving pl, New York  
 SUEFOL castor oils—E. F. Houghton & Co., 240 W. Somerset, Phila., Pa.  
 SUEZ double-acting pumps—Crestline Mfg. Co., Crestline, Ohio  
 SUGG-LETHEBY photometers—American Meter Co., 11th av & 47th, New York  
 SULLIVAN pneumatic drills—Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.  
 SULLIVAN roving cans—American Vulcanized Fibre Co., 504 Equitable bldg, Wilmington, Del.  
 SULLIVAN roving cans—Diamond State Fibre Co., Elsmere, Del.  
 SULLIVAN shuttle guards—Draper Corp., Hopedale, Mass.  
 SULLIVAN'S castor machine oils—L. Sonneborn Sons, 262 Pearl, New York  
 SULLIVAN'S cutting & drilling compounds & castor oil machines—Sullivan Oil Co., 413 Wells, Chicago, Ill.  
 SULLIVAN'S ECONOMIC belt dressing, boiler compounds—Sullivan Oil Co., 413 Wells, Chicago, Ill.  
 SULTAN hoists—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.



- SULTAN rug fasteners—Saml. Donchion Rug Co., Hartford, Conn.
- SUMMER GIRL oil stoves—Taylor & Boggis Fdry. Co., Cleveland, Ohio
- SUMMERS dump cars—Summers Steel Car Co., Pittsburgh, Pa.
- SUMMERS harness awls—Lawton & Bushman, Burlington, Wis.
- SUMMIT carbon paper, typewriter ribbons—Union Ribbon and Carbon Co., Front & Laurel, Phila., Pa.
- SUMMIT precision lathes—Summit Machine Works, Worcester, Mass.
- SUMTER electro magnets—Sumter Electric Co., 1466 Michigan av, Chicago, Ill.
- SUMTER packing—General Asbestos Rubber Co., Charleston, S. C.
- SUN apple slicing machinery—Boutell Mfg. Co., Rochester, N. Y.
- SUN carpet sweepers—Sun Mfg. Co., Columbus, Ohio
- SUN clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.
- SUN coffee mills—Sun Mfg. Co., Columbus, Ohio
- SUN cordage & twine—American Mills Co., Atlanta, Ga.
- SUN dry batteries—Stackpole Carbon Co., St. Marys, Pa.
- SUN gasoline stoves, oil stoves & heaters, wall torches—Detroit Foundry & Mfg. Co., Detroit, Mich.
- SUN ironing boards—Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.
- SUN lamp burners—Edw. Miller & Co., Meriden, Conn.
- SUN radiators—U. S. Radiator Corp., Detroit, Mich.
- SUN tire setters—D. H. Potts, Lancaster, Pa.
- SUN BEAM incandescent electric lamps—Sunbeam Incandescent Lamp Works of G. E. Co., 500 S. Clinton, Chicago, Ill.
- SUN BEAM incandescent electric lamps—Western Electric Co., 463 West, New York
- SUN BEAM lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- SUN BRIGHT metal polish, furniture polish—Patton Paint Co., Milwaukee, Wis.
- SUN BURNT cover paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
- SUN BURST alcohol stoves—Thos. W. Houchlin Co., 38 E. 21st, New York
- SUN BURST vault & sidewalk lights—Sun-Burst Prism Co., Phila., Pa.
- SUNDERMAN carbureters—Sunderman Carburetors Corp., Newburgh, N. Y.
- SUN FLOWER cement—United Kansas Portland Cement Co., Iola, Kans.
- SUN FLOWER finishing plaster—American Cement Plaster Co., Lawrence, Kans.
- SUN LIGHT incandescent gas mantles—S. S. Mo-mand Light Co., 336 Columbus av, New York
- SUNNY SOUTH oils, pitch, tar—General Naval Stores Co., 90 West, New York
- SUN PROOF asbestos paints—Patton Paint Co., Milwaukee, Wis.
- SUN PROOF rubber hose—Bowers Rubber Works, San Francisco, Cal.
- SUN RAY tank heaters—J. L. Mott Iron Works, 118 5th av, New York
- SUNSET belting, packing, rubber hose—Bowers Rubber Works, San Francisco, Cal.
- SUNSET carbon black—L. Martin Co., 81 Fulton New York
- SUNSET lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- SUNSET lubricating oils & greases—Indian Refining Co., 44 Whitehall, New York
- SUNSET packing—A. W. Chesterton Co., 64 India, Boston, Mass.
- SUNSET vineyard timber plows—Parlin & Orendorff Co., Canton, Ill.
- SUN-SHINE carriage top dressing, brass bed polish, dust absorbing floor oils, furniture polish—E. W. Thumb, 872 Orleans, Chicago, Ill.
- SUN SHINE dustless floor brushes, roofing mops—A. G. Jacobus Sons, 1270 Broadway, New York
- SUN SHINE metal polish—Atlas Auto Supply Co., 656 W. Austin av, Chicago, Ill.
- SUN SHINE miners' lamps—Hero Mfg. Co., Gaul & Adams, Phila., Pa.
- SUN SHINE steam heaters—Beard & Beard, Reading, Pa.
- SUN SHINE stoves, hot air furnaces—Reading Stove Works, Reading, Pa.
- SUN SHINE vacuum carpet sweepers—Household Mfg. Co., 1221 Filbert, Phila., Pa.
- SUN SHINE washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
- SUN-STAR turndown lamps—F. J. Rooney Lamp Co., Hoboken, N. J.
- SUNDERMAN carbureters—Sunderman Safety Carbureter Corp., Newburgh, N. Y.
- SUNDH circuit breakers, pressure regulators—Sundh Electric Co., 550 W. 22nd, New York
- SUNNY SOUTH pine oils, pine pitch, pine tar—General Naval Storage Company, 75 Front, New York
- SUNNY SOUTH stoves & ranges—Hardware Stove Co., Cleveland, Tenn.
- SUPERB shoe blacking & polishes—Whittemore Bros. Corp., Cambridge, Mass.
- SUPERB step ladders—R. W. Whitehurst Mfg. Corp., Norfolk, Va.
- SUPERBA packing—Curry Bros. Oil Co., 284 Franklin, Boston, Mass.
- SUPER CENTRIFUGE centrifugal clarifiers & Separators—Sharples Specialty Co., West Chester, Pa.
- SUPER DREADNOUGHT automobile inner tubes—Dreadnought Tire & Rubber Co., Orangeville, Baltimore, Md.
- SUPERIOR automobile radiator covers—Frank S. Feeser Co., Indianapolis, Ind.
- SUPERIOR automobile wind shields—B. & B. Mfg. Co., Cleveland, Ohio
- SUPERIOR babbitt metal—Atkinson Co., Rochester, N. Y.
- SUPERIOR barrel spray pumps—Rumsey Pump Co., (Ltd.), Seneca Falls, N. Y.
- SUPERIOR belt dressing, rope dressing—Superior Chemical Mfg. Co., Grand Rapids, Mich.
- SUPERIOR belting, belt fasteners—Western Rawhide & Belting Co., 600 S. Pierce, Milwaukee, Wis.
- SUPERIOR blasting fuse—E. I. du Pont de Nemours Powder Co., Wilmington, Del.
- SUPERIOR blind fasteners—American Foundry & Mfg. Co., Frederick, Md.
- SUPERIOR blue print paper—New York Blue Print Paper Co., 102 Reade, New York
- SUPERIOR buggy aprons—J. B. Cretors, St. Paris, Ohio
- SUPERIOR cement—Superior Portland Cement Co.—Union Central bldg. Cincinnati, Ohio
- SUPERIOR chain hoists—D. Round & Son, Cleveland, Ohio
- SUPERIOR churns—Superior Churn & Mfg. Co., Northville, Mich.
- SUPERIOR corn & cob mills, tank heaters—Duplex Mfg. Co., Superior, Wis.
- SUPERIOR cream dippers, skimming spoons, window & balcony dryers—Chapman Co., Geneva, N. Y.
- SUPERIOR cream separators—Superior Sheet Metal Works Co., Indianapolis, Ind.
- SUPERIOR cultivators, garden plows, weeders, wire fence stretchers—Bridgewater Plow Corp., Bridgewater, Va.
- SUPERIOR deadening felts—H. F. Watson Co., Erie, Pa.
- SUPERIOR door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- SUPERIOR door stops, hinges, screen door checks—Superior Spring hinge Co., 136 W. Lake, Chicago, Ill.
- SUPERIOR drill shapening machines—Lake Shore Engine Works, Marquette, Mich.
- SUPERIOR egg & cream beaters—National Mfg. Co., Worcester, Mass.
- SUPERIOR feed cutters—Hench & Dromgold Co., York, Pa.
- SUPERIOR fish lines—Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
- SUPERIOR fish wire—Steel City Electric Co., Pittsburgh, Pa.
- SUPERIOR fly traps—Peoria Can Co., Peoria, Ill.
- SUPERIOR gas engines—Superior Gas Engine Co., Springfield, Ohio
- SUPERIOR gas & gasoline heaters—Bastian-Morley Co., 312 S. Canal, Chicago, Ill.
- SUPERIOR gas soldering furnaces—Jacobson Machine Mfg. Co., Warren, Pa.
- SUPERIOR graphite paints—Detroit Graphite Co., Detroit, Mich.
- SUPERIOR hand card cutters—Marshall Son & Co., 226 Purchase, Boston, Mass.
- SUPERIOR high speed steel, resistance wire—H. Boker & Co., 101 Duane, New York
- SUPERIOR horse rasps—Nicholson File Co., Providence, R. I.
- SUPERIOR lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.
- SUPERIOR land & field rollers—Mountville Mfg. Co., Mountville, Pa.
- SUPERIOR linemen's climbers—Jno. J. Reidy, New Haven, Conn.



- SUPERIOR lubricators—American Lubricator Co., Detroit, Mich.
- SUPERIOR lubricators—Detroit Shipbuilding Co., Detroit, Mich.
- SUPERIOR mailing bags—Clark Mailing Bag Co., Columbus, Ohio
- SUPERIOR mailing bags—Columbus Mailing Bag Co., Columbus, Ohio
- SUPERIOR marine paints—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
- SUPERIOR oil cans—National Enameling & Stamping Co., 411 5th av, New York
- SUPERIOR oil filters—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- SUPERIOR packing—Consumers' Rubber Co., Cleveland, Ohio
- SUPERIOR paper fasteners—Ideal Specialties Mfg. Corp., 552 Pearl, New York
- SUPERIOR pipe wrenches—Hawkeye Wrench Co., Marshalltown, Ia.
- SUPERIOR pneumatic water supply systems—Samuel Sloan & Co., Rochester, N. Y.
- SUPERIOR reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York
- SUPERIOR resistance wire—Belden Mfg. Co., 2316 S. Western av, Chicago, Ill.
- SUPERIOR rubber hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.
- SUPERIOR sad irons—American Electrical Heater Co., Detroit, Mich.
- SUPERIOR seeders, corn planters, disc harrows, grain drills—American Seeding Machine Co., Springfield, Ohio
- SUPERIOR spark plugs—Superior Motor Specialty Co., 44 N. 4th, Phila., Pa.
- SUPERIOR steam & hot water heaters—Utica Heater Co., Utica, N. Y.
- SUPERIOR sterilizing apparatus—Erie City Mfg. Co., Erie, Pa.
- SUPERIOR sweep horse powers—Heebner & Sons, Lansdale, Pa.
- SUPERIOR tea urns—Bramhall-Deane Co., 261 W. 36th, New York
- SUPERIOR thermal bath cabinets—Cabinet Mfg. Co., Quincy, Ill.
- SUPERIOR tobacco counter cutters—Wrightsville Hardware Co., Wrightsville, Pa.
- SUPERIOR trucks—Abingdon Wagon Co., Abingdon, Ill.
- SUPERIOR windmills—Duplex Mfg. Co., Superior, Wis.
- SUPERIOR wood working machinery & band sawing machines for metal—Jones Superior Machines Co., 1264 North av, Chicago, Ill.
- SUPERIOR woven wire fences—Superior Fence Co., Cleveland, Ohio
- SUPERIOR wrenches—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.
- SUPERL metal polish—Superl Mfg. Co., Los Angeles, Cal.
- SUPERO air drill hose, chemical engine hose, steam hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- SUPERVANE exhaust fans—B. F. Sturtevant Co., 15 Damon, Hyde Park, Mass.
- SUPLE suction hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- SUPREME can openers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- SUPREME lawn mowers—Dille & McGuire Co., Richmond, Ind.
- SUPREME lubricating oils & greases—Richardson Lubricating Co., Quincy, Ill.
- SUPREME poultry, rabbit, railroad & farm fences, fence posts—F. P. Smith Wire & Iron Wks., Lake & Dearborn, Chicago, Ill.
- SUPREME steam & hot water heaters—W. A. Case & Son Mfg. Co., Buffalo, N. Y.
- SUPREMIS floor finish—Chicago Varnish Co., 2100 Elston av, Chicago, Ill.
- SURANSafe removable window guards—F. P. Smith Wire & Iron Wks., Lake & Dearborn, Chicago, Ill.
- SURE CATCH barn door latches—Brodhead Latch Co., Brodhead, Wis.
- SURE CENTER finders—West Haven Mfg. Co., West Haven, Conn.
- SURE COOL gasoline engines—Moore Plow & Implement Co., Greenville, Mich.
- SURE CUT can openers—Ira W. White & Son, Bloomfield, N. J.
- SURE-DRAFT forge chimneys—Lourie Mfg. Co., Springfield, Ill.
- SURE DROP ball bearing jacks—A. Norton Co., 200 Congress, Boston, Mass.
- SURE DROP riding listers—Gale Mfg. Co., Albion, Mich.
- SURE-FAST harness snaps—Eberhard Mfg. Co., East Bangor, Pa.
- SURE GO gas engines—Advance Mfg. Co., Hamilton, Ohio
- SURE GRIP adjustable tandem door hangers, hay fork pulleys, sling unloaders—F. E. Myers & Bros., Ashland, Ohio
- SURE GRIP clothes line pulleys—Reading Saddle & Mfg. Co., Reading, Pa.
- SURE GRIP door stops—Richards-Wilcox Mfg. Co., Aurora, Ill.
- SURE GRIP horseshoers' vises—Butts & Ordway Co., 33 Purchase, Boston, Mass.
- SURE GRIP hose clamps—J. R. Clancy, Syracuse, N. Y.
- SURE GRIP hose clamps—Elkhart Brass Mfg. Co., Elkhart, Ind.
- SURE GRIP linemen's climbers—Cronk & Carrier Mfg. Co., Elmira, N. Y.
- SURE GRIP nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- SURE-GRIP removable screw calks—American Calk Co., 1217 Forest, Detroit, Mich.
- SURE GRIP sad iron handles—Reading Saddle & Mfg. Co., Reading, Pa.
- SURE-GRIP tackle blocks—Fulton Iron Works, Detroit, Mich.
- SURE-GRIP trolley wire clamps—Electric Railway Equipment Co., Cincinnati, Ohio
- SURE GRIP wire fence stretchers—Wrightsville Hardware Co., Wrightsville, Pa.
- SURE HATCH incubators & brooders—Fremont Mfg. Co., Fremont, Nebr.
- SURE HATCH incubators & brooders—Sure Hatch Incubator Co., Fremont, Nebr.
- SURE-HOLD hose menders, steam couplers—C. A. Claflin Co., 161 High, Boston, Mass.
- SURE-KILL fly swatters—Ohio Stove Pipe & Mfg. Co., New Phila., Pa.
- SURE LOCK damper clips—Parker Supply Co., 785 E. 135th, New York
- SURE LOCK self-dumping buckets—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
- SURE-ON door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.
- SURE-SEAL cast iron cleanouts, sewer gas traps—Central Foundry Co., 90 West, New York
- SURE SEAL fruit jars—Ball Bros. Glass Mfg. Co., Muncie, Ind.
- SURE STEP ice creepers—Norlund Mfg. Co., Williamsport, Pa.
- SURE-STEP ladders—Four-in-one-Ladder Mfg. Co., Mishawaka, Ind.
- SURETY cotton hose—Bowers Rubber Works, San Francisco, Cal.
- SURETY grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- SURPASS WX loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.
- SURPRISE alarm clocks—W. L. Gilbert Clock Co., Winsted, Conn.
- SURPRISE cultivators—Kingman Plow Co., Peoria, Ill.
- SURPRISE egg & cream beaters—J. R. Dawson Mfg. Co., Fairhill Sta., Phila., Pa.
- SURPRISE egg & cream beaters—National Mfg. Co., Worcester, Mass.
- SURPRISE egg & cream beaters—Woods-Sherwood Co., Worcester, Mass.
- SURPRISE jacket fire hose—Eureka Fire Hose Mfg. Co., 13 Barclay, New York
- SURRELL steam heaters—Surrell Down Draft Boiler Co., 39 Cortlandt, New York
- SUSEMIHL side bearings—American Steel Foundries, McCormick bldg, Chicago, Ill.
- SUSEMIHL side bearings—Simplex Railway Appliance Co., Hammond, Ind.
- SUSQUEHANNA dump wagons—Columbia Wagon Co., Columbia, Pa.
- SU TUCO gas pliers—Crescent Tool Co., Jamestown, N. Y.
- SUTTON sand & gravel heaters & dryers—Indiana Foundry Co., Indiana, Pa.
- SVENSON concrete mixers—Svenson-Shuman Machine Co., Oliver bldg, Pittsburgh, Pa.
- SWAIN oil & grease cups—Swain Lubricator Mfg. Co., 443 W. 37th, Chicago, Ill.
- SWALLOW core ovens—N. N. Sly Mfg. Co., 4700 Train av, Cleveland, Ohio
- SWAN carriage fasteners—Standard Top & Equipment Co., Cleveland, Ohio
- SWAN fountain pens—Mabie, Todd & Co., 17 Maiden la, New York
- SWAN heat regulators—Klipfel Mfg. Co., 2651 W. Harrison, Chicago, Ill.
- SWAN potato planters—Potato Implement Co., Traverse City, Mich.



- SWAN roofing—National Roofing Material Co., Edwardsville, Ill.
- SWAN thorium nitrate—Pfaltz & Bauer, 300 Pearl, New York
- SWANEE metallic shingles—Berger Mfg. Co., Canton, Ohio
- SWAN'S expansive bits, auger handles, chamferer gauges, folding handle knives—Jas. Swan Co., Seymour, Conn.
- SWAN'S harness hooks—Imperial Bit & Snap Co., Racine, Wis.
- SWANSON portable grain elevators—Swanson-St. Joseph Plow Co., St. Joseph, Mo.
- SWARTOUT exhaust heads, ventilators, steam separators—Ohio Blower Co., Cleveland, Ohio
- SWART'S sheet packing—Garratt-Callahan Co., 27 S. Clinton, Chicago, Ill.
- SWASTIKA adjustable frames, tools & specialties—Buffum Tool Co., South Side, Louisiana, Mo.
- SWASTIKA fish line—A. away Line & Twine Mfg. Co., Ashaway, R. I.
- SWASTIKA lubricating oils & greases—McLean-Jones Oil & Supply Co., 40 India wharf, Boston, Mass.
- SWAT-STICKA fly swatters—U. S. Wire Mat Co., Decatur, Ill.
- SWEDISH cultivator hoes—Cronk & Carrier Mfg. Co., Elmira, N. Y.
- SWEDISH linemen's climbers, wire connectors—Smith & Hemenway Co., 76 Chambers, New York
- SWEDISH steel—International High-Speed Steel Co., 478 Pearl, New York
- SWEDISH KRAFT wrapping paper—D. S. Walton & Co., 132 Franklin, New York
- SWEENEY'S iron horse traction engines—Sweeney Tractor Co., Kansas City, Mo.
- SWEPPER-VAC carpet sweepers—Pneuvac Co., Blake bldg., Boston, Mass.
- SWEEPINE sweeping compounds—West Disinfecting Co., 12 E. 42nd, New York
- SWEET'S carriage wheels—Shortsville Wheel Co., Shortsville, N. Y.
- SWEET'S exhaust heads, steam separators—Direct Separator Co., Syracuse, N. Y.
- SWEET'S lumber wagons—B. F. & H. L. Sweet Co., Fond du Lac, Wis.
- SWEET'S toe-calks—Franklin Steel Works, Joliet, Ill.
- SWEET'S track drills—Michigan Machinery Mfg. Co., Ypsilanti, Mich.
- SWEET'S window springs—Stanley Works, New Britain, Conn.
- SWEET'S CONCEALED hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.
- SWEET'S MAGIC metal polish—C. F. Sweet, Hartford, Conn.
- SWENDER calf weaners—Carroll Muzzle Co., Carroll, Ia.
- SWENSON stucco applying machines—Automatic Stucco Machine Co., 51 E. 42nd, New York
- SWENSON stump pullers—Swenson Grubber Co., Cresco, Ia.
- SWICK iron flumes—W. L. Swick, Glenwood Springs, Colo.
- SWIFT CUTTER lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- SWIFT'S arsenate of lead—Merrimac Chemical Co., 148 State, Boston, Mass.
- SWIFT'S dumping carts, feed cookers, grinding mills—Swift Mfg. Co., Waterloo, Ia.
- SWIFT'S ECONOMY shaking grates, furnace blowers—Donegan-Swift, 6 Murray, New York
- SWINDELL gas producers—Wm. Swindell & Bros., Pittsburgh, Pa.
- SWINEFORD hay carriers—G. A. Swineford Co., Canton, Ohio
- SWINEHART tires—Swinehart Tire & Rubber Co., Akron, Ohio
- SWISS embroidering machines—Durbrow & Hearne Mfg. Co., 12 Wooster, New York
- SWISS feed cutters—Wilder-Strong Implement Co., Monroe, Mich.
- SWISS SHINE metal polish, paints—Rath Mfg. Co., Headley & Richmond, Phila., Pa.
- SWISSALU aluminum hollow ware—Geo. H. Bowman Co., 224 Euclid av, Cleveland, Ohio
- SYLPHON air valves—Fulton Co., Knoxville, Tenn.
- SYLPHON air valves, damper, steam & water regulators—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
- SYLVAN green marble—Henry A. Schweyer Co., Easton, Pa.
- SYLVANITE safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- SYMENTREX waterproofing materials—Geo. W. De Smet, 133 W. Washington, Chicago, Ill.
- SYMINGTON journal boxes, journal box dust guards—T. H. Symington Co., Rochester, N. Y.
- SYRACUSE babbitt metal—Syracuse Smelting Works, 140 Jewell, Brooklyn, N. Y.
- SYRACUSE harness snaps—Frazer & Jones Co., Syracuse, N. Y.
- SYRACUSE hay carriers, grapple forks, potato diggers—Syracuse Chilled Plow Co., Syracuse, N. Y.
- SYRACUSE paste—Schmeer's Paper Box Co., Syracuse, N. Y.
- SYRACUSE radiator valves—Syracuse Faucet & Valve Co., Syracuse, N. Y.
- SYRACUSE sink brackets—H. E. Hessler Co., Syracuse, N. Y.
- SYRACUSE steam heaters—Syracuse Heater Co., Syracuse, N. Y.
- SYRACUSE twist drills, chisels, combination pliers, countersinks, micrometer gauges, nail sets, punches, screw drivers, handle wedges—Syracuse Twist Drill Co., Borden av, Syracuse, N. Y.
- SYRACUSE water motors—Hunter Fan & Motor Co., Fulton, N. Y.
- SYSTEMATIC concrete mixers—Cement Machinery Co., Jackson, Mich.
- T. H. WITHERBY drawing knives, carpenters' chisels—Winsted Edge Tool Works, Winsted, Conn.
- T. I. C. cushion springs—Trenton Spring Mattress Co., Trenton, N. J.
- T. M. CO. shoe knives—Tuck Mfg. Co., Brockton, Mass.
- T. P. C. lamp guards—Porter Co., 241 Water, New York
- T. T. hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.
- T & B box connectors—Thomas & Betts Co., 105 Hudson, New York
- T. & C. metal lath—Sharon Steel Hoop Co., Youngstown, Ohio
- T. & D. kraut cutters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
- T. & M. gas engines—Termaat & Monahan Co., Oshkosh, Wis.
- T. & S. Dover egg & cream beaters—Turney & Seymour Mfg. Co., Torrington, Conn.
- T. & W. tire & wire wrapping machines—Terkelson & Wennberg, 326 A., Boston, Mass.
- TABASCO bath water heaters—Kawane Boiler Co., Kewanee, Ill.
- TABOR hose wrenches—W. D. Allen Mfg. Co., 133 W. Lake, Chicago, Ill.
- TABOR pumps—Tabor Pump Co., Buffalo, N. Y.
- TABOR steam engine indicators—Ashcroft Mfg. Co., 119 W. 40th, New York
- TABOR window hardware, weather strips—Tabor Sash Fixture Co., 69 Polk, Newark, N. J.
- TACOMA oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TAFT eave-trough hangers—Iowa Ditching Machine Co., Mt. Pleasant, Ia.
- TAFT ALMETUL rug exhibitors—Taft Machine Co., 229 Globe, Providence, R. I.
- TAG recording thermometers, flash tester, viscosimeters—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
- TAHARA burnishing machines—Tahara Co., Glenwood & N. American, Philadelphia, Pa.
- TAINTOR'S gilders' whiting—H. F. Taintor Mfg. Co., 2 Rector, New York
- TAKAPART metal fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.
- TAKE-DOWN hay rack clamps—F. E. Myers & Bro., Ashland, Ohio
- TAKITOF paint & varnish remover—Atlantic Drier & Varnish Co., Phila., Pa.
- TALCLAY talc—St. Lawrence Talc Co., 5 E. 42nd, New York
- TALMA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- TALOLIN tanning extracts—Martin Dennis Co., 859 Summer av, Newark, N. J.
- TALYKRON time recorders—Taylor-Hobson Co., 1133 Broadway, New York
- TAMAQUA sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- TAMPICO brush fibre—E. B. & A. C. Whiting Co., Burlington, Vt.
- TAN-BO picker leather—Norwich Belt Mfg. Co., Norwich, Conn.
- TANDEM hack saw machines—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
- TANDEM oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TANGLEFOOT fly paper—O. & W. Thum Co., Grand Rapids, Mich.
- TANGYE'S hydraulic jacks—Irving Mfg. & Tool Co., 157 Chambers, New York
- TANITE cutlery polish—Tanite Co., Stroudsburg, Pa.
- TANNATE belting, belt lacing—J. E. Rhodes & Sons, 12 N. 3rd, Phila., Pa.



- TANNELITE powder—G. R. McAbee Powder & Oil Co., 2nd Nat. Bank bldg, Pittsburgh, Pa.
- TANNER feed cutters—D. F. Tanner, Holland, N. Y.
- TAN-REP belting—Barnum Bros. Co., Troy, N. Y.
- TAPESTROLEA wall coverings—Richter Mfg. Co., Tenafly, N. J.
- TAPESTRY art tile, front brick—Fiske & Co., 25 Arch, Boston, Mass.
- TAPLIN egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.
- TAP-ON wire connectors—Jordan Bros., 74 Beckman, New York
- TARCO asphalt heaters, tar kettles—Tarrant Mfg. Co., Saratoga Springs, N. Y.
- TARCOTE road binders & preservatives—Chatfield Mfg. Co., 74 Lebanon, Carthage, Cincinnati, Ohio
- TARGET valve stem packing—E. A. Wilcox Mfg. Co., 6330 Stony Island av, Chicago, Ill.
- TARNAC nickel copper wire—Electrical Alloy Co., Morristown, N. J.
- TARRANT oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TARTARLINE cream tartar—Worden Chemical Works, 4 Cedar, New York
- TARVIA macadam & gravel road—Barrett Co., 17 Battery pl, New York
- TASCOIL road binders & preservatives—Alden Speare's Sons Co., 156 6th, Boston, Mass.
- TATE stay bolts—Flannery Bolt Co., Vanadium bldg, Pittsburgh, Pa.
- TATHAM'S steel chilled shot—United Lead Co., 111 Broadway, New York
- TATTOO alarm clocks—New Haven Clock Co., New Haven, Conn.
- TAURIL packing, gaskets—Anchor Packing Co., Lafayette bldg, Phila., Pa.
- TAXITE paint & varnish remover—Sherwin-Williams Co., Cleveland, Ohio
- TAYLOR auger bits—Peek, Stow & Wilcox Co., South-ington, Conn.
- TAYLOR brake shoes, car wheel centers, electrical bearings—Taylor Elec. Truck Co., Troy, N. Y.
- TAYLOR cattle stanchions—Jas. Boyle, Salem, Ohio
- TAYLOR curtain stretchers, garment hangers—Taylor Mfg. Co., Princeton, Ind.
- TAYLOR emery wheel dressers, speed indicators—Tanite Co., Stroudsburg, Pa.
- TAYLOR gas producers—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
- TAYLOR hydrolitic water-proofing materials—Flexner-Taylor Co., Ltd., 786 E. B'way, So. Boston, Mass.
- TAYLOR lap-welded steel pipe, spiral riveted pipe—American Spiral Pipe Works, Chicago, Ill.
- TAYLOR measuring thieves—U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.
- TAYLOR mechanical stokers—American Engineering Co., Armingo av & Cumberland, Phila., Pa.
- TAYLOR mop sticks & holders—Mason Mfg. Co., Perkinsville, Vt.
- TAYLOR mop sticks & holders—Parks & Parks, Troy, N. Y.
- TAYLOR pneumatic jacks—Pneumatic Jack Co., Louisville, Ky.
- TAYLOR pruning shears—Smith, Seymour & Son, Oakville, Conn.
- TAYLOR staybolt iron—B. M. Jones & Co. (Inc.), 140 Milk, Boston, Mass.
- TAYLOR tool grinders—Tabor Mfg. Co., 1740 Hamilton, Phila., Pa.
- TAYLORITE sanitary flooring—Ronald Taylor Co., 520 E. 20th, New York
- TAYLOR MADE automobile trunks—C. A. Taylor Trunk Works, 657 W. Madison, Chicago, Ill.
- TAYLOR-NEUBOLD circular saws, milling cutters—Tabor Mfg. Co., 19th & Hamilton, Phila., Pa.
- TAYLOR'S journal boxes—W. P. Taylor Co., 217 Ellicott sq, New York
- TEC blue & black prints—Technical Supply Co., Scranton, Pa.
- TEC T squares—Emmert Mfg. Co., Waynesboro, Pa.
- TECKTONIUS-VOGT lime burning kilns—E. C. Tecktonius Mfg. Co., Racine, Wis.
- TECO outlet & locknut bushings—Troy Electrical Co., Troy, N. Y.
- TECTOR wood fillers—Patton Paint Co., Milwaukee, Wis.
- TEE'S gauge cocks—Nathan Mfg. Co., 416 E. 106th, New York
- TEGUFILM boiler compounds—Tegufilm Chemical Mfg. Co., Syracuse, N. Y.
- TEKSAGON meter couplings—H. W. Clark Co., Mattoon, Ill.
- TELAFAULT electric fault finders—W. N. Matthews & Bro., 3722 Forest Park blvd, St. Louis, Mo.
- TELAFAEVER thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.
- TELE-CALL factory & office signals—Mead Electric Signal Co., Cleveland, Ohio
- TELEGRAPH cocks & bibbs—Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.
- TELEGRAPH cocks & bibbs—Rundle-Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
- TELEMOTER marine steering gears—McNab Co., Bridgeport, Conn.
- TELEPHONE feed cutters—Geo. S. Comstock & Son, Mechanicsburg, Pa.
- TELEPHONE pruning shears—Smith, Seymour & Son, Oakville, Conn.
- TELESCOPE tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
- TEMCO electric drills, dynamos & motors—Temco Electric Motor Co., Leipsic, Ohio
- TEMPER expanding dies, machine screw taps, tapper taps—American Tap & Die Co., Greenfield, Mass.
- TEMPEST hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- TEMPLE gas engines—Temple Mfg. Co., 22nd & S. 54th, Chicago, Ill.
- TEMPLE oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TEM-PO-VA kalsomine paint—Manhattan Color Works, 114 West End av, New York
- TENAX packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
- TENAX picker leather—Holbrook Raw Hide Co., 748 N. Main, Providence, R. I.
- TEN BROECK rubber tires—Ten Broeck Tyre Co., 26th & Courtney, Louisville, Ky.
- TENNESSEE cedar chests—Vestal Lumber & Mfg. Co., Knoxville, Tenn.
- TENNESSEE dumping carts, wagons—Kentucky Wagon Mfg. Co., Louisville, Ky.
- TENNESSEE staybolt iron—Ewald Iron Co., Louisville, Ky.
- TENOL belt dressing—Viscol Co., Cambridge, Mass.
- TENSILITE manganese bronze alloys, castings, bronze rods—American Manganese Bronze Co., 3501 Rhawn, Philadelphia, Pa.
- TENSO chains—Cleveland Wire Goods Co., Cleveland, Ohio
- TEON belting—D. P. Brown & Co., 264 N. 4th, Philadelphia, Pa.
- TEPE CO. waterproofing materials—National Waterproof Film Co., 4200 W. Adams, Chicago, Ill.
- TERRANTI wattmeters—Railway Improvements Co., 61 Broadway, New York
- TERRAPIN sprinkler hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- TERRAZOLITE sanitary flooring—Warren Bros. Co., 59 Temple pl, Boston, Mass.
- TERRELL'S metallic lockers—Terrell's Equipment Co., Broadway, Grand Rapids, Mich.
- TERRIER oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TERRIER wrenches—Kilborn & Bishop Co., New Haven, Conn.
- TESLA battery motors—Davis Kendrick Co., Lebanon, N. H.
- TESSAR photographic lenses—Bausch & Lomb Optical Co., Rochester, N. Y.
- TESTBESTOS asbestos brake linings—Amer. Asbestos Co., Norristown, Pa.
- TEXACO axle grease, belt dressing, oils, paving cements, roofing felts, waterproofing materials—Texas Company, 17 Battery pl, New York
- TEXAS hoes—American Fork & Hoe Co., Cleveland, Ohio
- TEXAS hoes—Union Fork & Hoe Co., Columbus, Ohio
- TEXAS DANDY cultivators—Moline Plow Co., Moline, Ill.
- TEXAS RANGER gun cleaning tools—Cullum & Borem Co., Dallas, Tex.
- TEXODREN artificial leathers, car curtains & materials—Silcocks-Miller Co., S. Orange, N. J.
- TEX-STYLE dustless broom covers—Genesee Textile Co., Rochester, N. Y.
- TEX-TA-DOR-NA burlap—Cotta-a-Lap Co., Somerville, N. J.
- TEX-TAN belting—Graton & Knight Mfg. Co., Worcester, Mass.
- TEXTOL canvas stitched belting—National Belting Co., Elyria, Ohio.
- THABA lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.
- THARCO asbestos cements, glaziers' putty—Armstrong Co., Detroit, Mich.
- THAYER linseed oil—American Linseed Co., 100 William, New York
- THAYER steam heaters—Gibby Foundry Co., E. B., 96 Condor, Boston, Mass.
- THEBIAN electric & gas light fixtures—Macbeth-Evans Glass Co., Wabash Bldg., Pittsburgh, Pa.



- THE BOSTON motors—F. E. Whitney Co., 65 Sudbury, Boston, Mass.
- THE-EGG-PAY-FOR-IT animal foods—Consolidated Rendering Co., 40 N. Market, Boston, Mass.
- THE STANDARD scales, box trucks, concrete barrows, concrete mixers, gas engines—Standard Scale & Supply Co., 1631 Liberty av, Pittsburgh, Pa.
- THEISEN feed water purifiers—R. D. Wood & Co., 400 Chestnut, Phila., Pa.
- THE LIFE steam heaters—McDonnell Boiler & Iron Works, Des Moines, Ia.
- THERLO ferro-nickel wire—Driver-Harris Co., Harrison, N. J.
- THERMALITE PLASTIC ROOFING cements—Hascall Paint Co., W. 70th, Cleveland, Ohio
- THERMATIC fireless cookers—Diller Mfg. Co., Bluffton, Ohio
- THERMIDORE rubber packing—Thermoid Rubber Co., Trenton, N. J.
- THERMIT rail bonds, rail joints—Goldsmidt Thermit Co., 120 B'way, New York
- THERMITE anti-freezing compounds—Northwestern Chemical Co., Marietta, Ohio
- THERMO arc lamps, globes—Macbeth-Evans Glass Co., Pittsburgh, Pa.
- THERMO-ELECTRIC pyrometers—Hoskins Mfg. Co., Detroit, Mich.
- THERMOCUP drinking cups—American Thermos Bottle Co., Norwich, Conn.
- THERMOGRAPH heat regulators—Bartlett Bros. Co., Cleveland, Ohio
- THERMOID belting, hose, brake linings—Thermoid Rubber Co., Trenton, N. J.
- THERMOLIN coating paints—Means & Thatcher, Norfolk Downs, Quincy, Mass.
- THERMOPOK packing—Combination Rubber Mfg. Co., Bloomfield, N. J.
- THESCO insulator clamps—States Co., Hartford, Conn.
- THEXTON envelope sealing machines—Acorn Brass Mfg. Co., 56 S. Clinton, Chicago, Ill.
- THIBAUD'S braided heddles—Emmons Loom Harness Co., Lawrence, Mass.
- THIEM motor cycles—Joems Motor Mfg. Co., St. Paul, Minn.
- THIN MODEL engineers' wrenches—Frank Mossberg Co., Attleboro, Mass.
- THIN-O carbon paper—Miller-Bryant-Pierce Co., Aurora, Ill.
- 36 PART dough dividing machines—Wm. Zoeller Co., 325 N. Curtis, Chicago, Ill.
- THISTLE alkali, bi-carbonate of soda, caustic soda, sap stain preventive, soda ash—Mathieson Alkali Works, 53 Canal, Providence, R. I.
- THISTLE gauge glasses—J. E. Lonergan Co., 211 Race, Phila., Pa.
- THISTLE oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.
- THISTLE rubber hose—Whitehead Bros. Rubber Co., Trenton, N. J.
- THISTLE taps & dies—Winter Bros. Co., Wrentham, Mass.
- THOMAS agricultural implements—Thomas Mfg. Co., Springfield, Ohio
- THOMAS carriage top props—C. Cowles & Co., New Haven, Conn.
- THOMAS carriage top props—Searls Mfg. Co., 29 Mulberry, Newark, N. J.
- THOMAS core box machines—Portland Co., Portland, Me.
- THOMAS fishing rods—F. E. Thomas, Bangor, Me.
- THOMAS grate bars—Thomas Grate Bar Co., Birmingham, Ala.
- THOMAS rail bonds—Lord Mfg. Co., 105 W. 40th, New York
- THOMAS spacing tables—Standard Bridge Tool Co., Pittsburgh, Pa.
- THOMAS ACME air cooling & purifying apparatus—Thomas & Smith, Carpenter & Washington blvd, Chicago, Ill.
- THOMAS-VANADIUM blast furnaces—Thomas Iron Co., Easton, Pa.
- THOMAS WILSON knives—Adolph Kastor & Bros., 109 Duane, New York
- THOMPSON broom holders—Cassady Fairbanks Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- THOMPSON butchers' saw punches—H. G. Thompson & Son Co., New Haven, Conn.
- THOMPSON conduit pipe reamers—Steel City Electric Co., 1207 Washington av. Pittsburgh, Pa.
- THOMPSON cut-out hangers—Thompson Electric Co., Cleveland, Ohio
- THOMPSON damper regulators, grate bars, shaking grates, steam engine indicators, tube cleaner—Richard Thompson & Co., 126 Liberty, New York
- THOMPSON engine indicators—Schaeffer & Budenberg Mfg. Co., Berry & So. 5th, Brooklyn, N. Y.
- THOMPSON engine & machine oilers—Draper Co., Hopedale, Mass.
- THOMPSON oil pump lubricators—Star Brass Mfg. Co., 108 E. Dedham, Boston, Mass.
- THOMPSON pneumatic hose couplings—Keller Pneumatic Tool Co., Fond du Lac, Wis.
- THOMPSON steel clamps—Erie Stamping & Mfg. Co., Erie, Pa.
- THOMSON combination roll—Thomson Machine Co., Belleville, N. J.
- THOMSON electric welding—Standard Welding Co., W. 76th, Cleveland, Ohio
- THOMSON smoke test machines—Gunster Bros., Scranton, Pa.
- THOMSON stone planing machine attachments—Lincoln Iron Works, Rutland, Vt.
- THOMSON watt-hour meters—General Electric Co., Schenectady, N. Y.
- THOMSON & Evans pumps—C. H. Evans & Co., 187 Fremont, San Francisco, Cal.
- THOR electric washers, household ironing machines—Hurley Machine Co., 29 S. Clinton, Chicago, Ill.
- THOR motor cycles, air turbines, coaster brakes—Aurora Automatic Machinery Co., Aurora, Ill.
- THOR pneumatic tools—Independent Pneumatic Tool Co., 1307 Michigan av, Chicago, Ill.
- THORDARSON gas igniters—Thordarson Elec. Mfg. Co., 513 S. Jefferson, Chicago, Ill.
- THORMAY engine & machine oilers—Jno. L. Gans, Connellsville, Pa.
- THORNBURGS hog feeders—Franklin Galvanized Ware Mfg. Co., Franklin, Ind.
- THORNHILL wagons—Thornhill Wagon Co., Lynchburg, Va.
- THOROBRED dough mixing & kneading machinery—Lynn-Superior Co., Cincinnati, Ohio
- THOROBRED packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.
- THOROID packing—Thermoid Rubber Co., Trenton, N. J.
- THORP-RICHARDSON doors—Thorp Fire Proof Door Co., 1600-1610 Central av, Minneapolis, Minn.
- THREAD TIGHT pipe joint compounds—Thread-Tight Co., 288 Bowery, New York
- THREE B metal polish—Rome Soap Mfg. Co., Rome, New York
- THREE BEE shoe blackings—S. M. Bixby & Co., 46th & 2nd av, Brooklyn, N. Y.
- THREE HORSES iron & steel filler cements—John Baizley Iron Works, 514 S. Delaware av, Phila., Pa.
- THREE-IN-ONE children's steering sleds—John's Stamping & Machine Works Co., Cleveland, Ohio
- THREE-IN-ONE lubricating oils & greases & furniture polish—Three-in-One Oil Co., 165 Broadway, New York
- THREE-IN-ONE pipe threading dies—National Pipe Die & Machine Co., Archbold, Ohio
- 3-IN-ONE potato mashers—Minerva Hardware Mfg. Co., Minerva, Ohio
- 3 WAY corn planters—Ohio Rake Co., Dayton, Ohio
- THREE-WAY exhaust valves—Mead, Morrison Mfg. Co., cor Prescott & Orleans, East Boston, Mass.
- THREE-WAY syphon pumps—F. E. Myers & Bro., Ashland, Ohio
- THRELFAL cotton mules—C. E. Riley Co., 65 Franklin Boston, Mass.
- THRIFT stoves—Pittston Stove Co., Pittston, Pa.
- THUMBO hand soap—Harrah & Stewart Mfg. Co., Des Moines, Ia.
- THUNDER auto horns—Sears Cross Co., Bush Terminal, Brooklyn, N. Y.
- THUNDERBOLT vacuum cleaners—Sterling Machine & Stamping Co., Wellington, Ohio
- THURSTONE rubbing grains—F. W. Thurston Co., 1832 S. Clark, Chicago, Ill.
- THYSSEN ENTRAINMENT air pumps—C. H. Wheeler Mfg. Co., Phila., Pa.
- TICO die blocks—Titusville Forge Co., Titusville, Pa.
- TIDAL WAVE collars & cuffs—The Arlington Co., 725-727 Broadway, New York
- TIDMAN electric lamp hoods, metallic shades—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- TIFFIN wagons—Tiffin Wagon Co., Tiffin, Ohio
- TIGER alkali—Bauman, McWhirter Chemical Co., 80 Maiden Lane, New York
- TIGER belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- TIGER belting—Cowan, Andrew & Co., Louisville, Ky.
- TIGER bench & pipe vises—Emmert Mfg. Co., Waynesboro, Pa.
- TIGER cement—Castalia-Portland Cement Co., Castalia, Ohio
- TIGER cultivators—Rockford Mfg. Co., Rockford, Ill.



TIGER electrical bearings—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.  
 TIGER-fertilizer attachments—Tiger Drill Mfg. Co., Beaver Dam, Wis.  
 TIGER grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 TIGER hose—Home Rubber Co., Trenton, N. J.  
 TIGER hose, packing, mats, tape—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 TIGER hot air furnaces—Floyd-Wells Co., Royersford, Pa.  
 TIGER hydrated lime—Kelly Island Lime & Transport Co., Cleveland, Ohio  
 TIGER metallic berths & bunks, woven wire folding cots—Haggard & Marusson Co., 1109 W. 37th, Chicago, Ill.  
 TIGER mining screens—Elspass Engineering & Mining Machinery Co., Denver, Colo.  
 TIGER nail pullers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 TIGER pipe wrenches—Reed Mfg. Co., Erie, Pa.  
 TIGER rice separators—M. Rumely Co., La Porte, Ind.  
 TIGER spray nozzles—Field Force Pump Co., Elmira, N. Y.  
 TIGER stove pipe & elbows—Lyon, Conklin & Co., 19 Balderston, Baltimore, Md.  
 TIGER tobacco transplanters—Ohio Rake Co., Dayton, Ohio  
 TIGER varnish—W. W. Lawrence & Co., W. Carson nr Point Bridge, Pittsburgh, Pa.  
 TIGER wash boilers—Pritchard Stamping Co., Rochester, N. Y.  
 TIGER wrapping paper—Newton Paper Co., Holyoke, Mass.  
 TIGER PULL traction engines—Advance-Rumely Co., La Porte, Ind.  
 TIGER'S HEAD metal polish—Eclipse Cement & Blacking Co., 1240 Belmont av, Phila., Pa.  
 TIGHT-JOINT unions—Tight Joint Co., 310 E. 47th, New York  
 TIGHTLOCK clothes line reels—Specialty Mfg. Co., St. Anthony Park, Minn.  
 TIGHT WAD piston rings—Joseph Horatt, 417 Ferry, Lafayette, Ind.  
 TILGHMAN sand blast machines, tumbling barrels—Tilghman-Brooksbank Sand Blast Co., 1126 S. 11th, Phila., Pa.  
 TILLMAN fertilizer distributors—Harriman Mfg. Co., Harriman, Tenn.  
 TILLOTSON carbureters—Tillotson Mfg. Co., Toledo, Ohio  
 TIM adding machines—Oscar Muller Co., 32 Broadway, New York  
 TIMECOMETER time recorders—Automatic Time Stamp Co., 159 Congress, Boston, Mass.  
 TIMES SLIDING furniture shoes—Gould-Mesereau Co., 52 W. 38th, New York  
 TINDEL ALBRECHT lathes, saws—Morris Tindel Co., Eddystone, Pa.  
 TINNERS' FRIEND gasoline soldering irons—Dobbins Mfg. Co., 127 S. 1st, Minneapolis, Minn.  
 TINNOL paste—Arabol Mfg. Co., 100 William, New York  
 TINOL self-fluxing solder—Hess & Son, Watkins bldg, Phila., Pa.  
 TINTOLAC floor finish—Lincoln Paint & Color Co., Lincoln, Nebr.  
 TINY oil & grease cup lubricators—Wm. Powell Co., Cincinnati, O.  
 TINY, 3 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 TIOGA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg, New York  
 TIPOVER dumping carts—E. D. Etnyre & Co., Oregon.  
 TIP-TOP can openers—N. R. Streeter & Co., Rochester, N. Y.  
 TIP-TOP duplicators—Felix F. Daus Duplicator Co., 111 John, New York  
 TIP-TOP fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.  
 TIP TOP garden cultivators—Hartman Mfg. Co., Vincennes, Ind.  
 TIP TOP lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.  
 TIP TOP paint cans—Manufacturers' Can Co., 426 Mulberry, Newark, N. J.  
 TIP TOP stoves—Southern Stove Works, Richmond, Va.  
 TIP-TOP ventilating caps—Miller Foundry & Specialty Co., N. Tonawanda, N. Y.  
 TISAFINE belting & packing—Strong Machinery & Supply Co., 21 Walker, New York  
 TISAFINE metal polish—James M. Tarzian, Franklin av, Brooklyn, N. Y.

TISCO manganese steel track work, rails, switches, etc.—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.  
 TITAN kerosene tractors—International Harvester Company of America (Inc.), 702 Harvester bldg, Chicago, Ill.  
 TITAN sash cord irons—S. & I. Co., Springfield, Mass.  
 TITAN throttle valves—Wm. Powell Co., Cincinnati, Ohio  
 TITANIC automobile springs—Tuthill Spring Co., 760 Polk, Chicago, Ill.  
 TITANIC steel—B. M. Jones & Co., 141 Milk, Boston, Mass.  
 TITCHENER'S carriage fasteners—Crandall, Stone & Co., Binghamton, N. Y.  
 TITEKOTE asphalt paints—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.  
 TITELock-metal shingles—Decatur Cornice & Roofing Co., New Decatur, Ala.  
 TITGRIP shinglers' chairs—C. & E. Mfg. Co., Marshalltown, Ia.  
 TOAD scrubbing brushes—Standard Brush Co., New Hartford, Conn.  
 TOBEY grease traps, steam traps—J. I. Mott Iron Works, 118 5th av, New York  
 TOCKOLITH paints—Toch Bros., 320 5th av, New York  
 TOCOTONE wall finish—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio  
 TODD end cutting nippers—T. D. Hotchkiss Co., Deep River, Conn.  
 TODD screw clamps—C. H. Milles Foundry Co., 2443 W. 21st, Chicago, Ill.  
 TOERRING arc lamps—C. J. Toerring Co., 2121, Toronto, Phila., Pa.  
 TOFCO lumber, oak flooring—Tenn. Oak Flooring Co., Nashville, Tenn.  
 TOGO wood stoves—Gray & Dudley Hardware Co., Nashville, Tenn.  
 TO KAY bath tub enamels—W. W. Lawrence & Co., Pittsburgh, Pa.  
 TOLEDO automobile top bows, carriage bows—Toledo Bending Co., Toledo, Ohio  
 TOLEDO celery hillers—Toledo Plow Co., Toledo, Ohio.  
 TOLEDO dairy apparatus, washing machines—American Wooden Ware Mfg. Co., Toledo, Ohio  
 TOLEDO garden cultivators, wheel garden hoes, weeders—Thornburgh Mfg. Co., Bowling Green, Ohio  
 TOLEDO high speed steel—Jno. Hy. Andrew & Co., Ltd., 26 Cortland, New York  
 TOLEDO pipe cutters, pipe threading dies, dies, plates, center finders—Toledo Pipe Threading Machine Co., 131 Superior, Toledo, Ohio  
 TOLEDO steering coasters—Toledo Metal Wheel Co., Toledo, Ohio  
 TOLEDO CLIPPER garden barrows—Toledo Wheelbarrow Co., 2400 Broadway, Toledo, Ohio  
 TOLER switch boxes—Thomas & Betts Co., 105 Hudson, New York  
 TOLMAN-oxy-acetylene welding & cutting apparatus—Tolman Mfg. Co., 19 West 3rd, Boston, Mass.  
 TOLMAN tweezers—Adell Mfg. Co., Orange, Mass.  
 TOLTEC roal oils—Toltec Mexican Oil Co., 90 West, New York  
 TOLTEC road oils—U. S. Asphalt Refining Co., 90 West, New York  
 TOMAHAWK roofing brushes—New Jersey Brush Co., Bloomfield, N. J.  
 TOMLINSON barometric condensers—Allis-Chalmers Mfg. Co., Milwaukee, Wis.  
 TOMLINSON car couplers—Ohio Brass Co., Mansfield, Ohio  
 TOM THUMB carburetors—National Equipment Co., 125 S. Racine av, Chicago, Ill.  
 TOM-THUMB hand riveting machines—A. Williams, Ravenna, Ohio  
 TONADO barn door hangers—J. E. Porter Co., Ottawa, Ill.  
 TON-A-FORD truck units—Ton-A-Ford Truck Co., Racine, Wis.  
 TONAPAH cotton planing drills, riding listers—Racine-Sattley Co., Springfield, Ill.  
 TONAWANDA emery grinders—Gillis Machine Co., Tonawanda, N. Y.  
 TONDEUR window glass annealing lehrs—Woods-Lloyd Co., S. 30th & Jane, Pittsburgh, Pa.  
 TON-DON carriage & wagon axles—Sheldon Axle & Spring Co., Wilkes-Barre, Pa.  
 TONFORD truck units—Detroit Truck Co., Dime Bk. bldg, Detroit, Mich.  
 TONKA rubber hose—Republic Rubber Co., Youngstown, Ohio  
 TONKIN tube expanders—Oswego Tool Co., Oswego, N. Y.  
 TONSORIAL gem razors—F. A. Clauberg & Co., 27 Park pl, New York



- TOOL-OMETER air meters—New Jersey Meter Co., Plainfield, N. J.
- TOOTHLESS currycombs—Wisconsin Metal Products Co., Racine, Wis.
- TOPAZ oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TOPNOTCH dry batteries—U. S. Auto Battery Co., 60 Warren, New York
- TOPPS framing tools—G. A. Topp & Co., Indianapolis, Ind.
- TORMAY engine & machine oilers—Ironsides Co., Columbus, Ohio
- TORNADO coal drills—Herzler-Henninger Machine Works, Belleville, Ill.
- TORNADO corn & cob mills—Appleton Mfg. Co., Batavia, Ill.
- TORNADO ensilage cutters, feed carriers—W. R. Harrison & Co., Massillon, Ohio
- TORNADO hand blowers—Geo. S. Comstock & Son, Mechanicsburg, Pa.
- TORNADO harrows—Ohio Mfg. Co., Upper Sandusky, Ohio
- TORNADO hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- TORNADO insect guns—Thos. W. Houchin Co., 38 E. 21st, New York
- TORNADO seed sowers—Whitman Agricultural Works Co., 7000 S. Broadway, St. Louis, Mo.
- TORNADO spray pumps, tire air pumps—Judd-Leland Mfg. Co., Clifton Springs, N. Y.
- TORNADO tube cleaners—Paul B. Huyette Co., 18th & Market, Phila., Pa.
- TORNADO wood split pulleys—Erie Clutch & Pulley Co., Erie, Pa.
- TORNQUIST electric protectors—Trio Mfg. Co., Rock Island, Ill.
- TOROID lenses—Genesee Optical Co., Rochester, N. Y.
- TORPEDO baby drills—Rix Compressed Air & Drill Co., 505 Howard, San Francisco, Cal.
- TORPEDO electric massage vibrators—Schunck & Ogg, 235 Canal, New York
- TORPEDO neck yokes—Reno Mfg. Co., Erie, Pa.
- TORPEDO packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
- TORPEDO tube cleaners—General Specialty Co., Buffalo, N. Y.
- TORREY rod springs—Columbian Hardware Co., Cleveland, Ohio
- TORRID gasoline blast furnaces, blow torches, fire pots—Geo. W. Diener Mfg. Co., 400 Monticello av., Chicago, Ill.
- TORRID steam heaters—W. H. Drake Co., 36 Clinton, Newark, N. J.
- TORRID ZONE hot air furnaces—Lennox Furnace Co., Marshalltown, Ia.
- TORSION assay balances, testing scales—Torsion Balance Co., 92 Reade, New York
- TORSION lock-nut plates, iron & steel washers—Torsion Nut Lock & Washer Co., 141 Milk, Boston, Mass.
- TOSCANI CHEROOT machinery—American Machine & Foundry Co., 346 Carroll, Brooklyn, N. Y.
- TOT scrubbing brushes—Standard Brush Co., New Hartford, Conn.
- TOTAL eclipse hydrants—John C. Kupferle Foundry Co., 1st & Wright, St. Louis, Mo.
- TOUGHIDE round belting—F. Ranville Co., Grand Rapids, Mich.
- TOURNAINE steam heaters—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.
- TOURIST autokit tools—Hammacher, Schlemmer & Co., 133 4th av., New York
- TOWER bean cultivators, walking & riding cultivators—J. D. Tower & Sons Co., Mendota, Ill.
- TOWER car couplers—National Malleable Castings Co., Cleveland, Ohio
- TOWER electric cable hangers—Krantz Mfg. Co., 160 7th, Brooklyn, N. Y.
- TOWER gang saw edgers, lumber trimmers—Gordon Hollow Blast Grate Co., Greenville, Mich.
- TOWER paint—Driscoll Bros. & Co., Ithaca, N. Y.
- TOWER rubber hose—Republic Rubber Co., Youngstown, Ohio
- TOWERS pipe & nut wrenches, screw drivers—Union Hardware Co., Torrington, Conn.
- TOWERS potato planters—Towers & Sullivan Mfg. Co., Rome, Ga.
- TOWN & COUNTRY ready mixed paints—Harrison's, Inc., 35th & Gray's Ferry rd., Phila., Pa.
- TOWNSEND'S lawn mowers, oil & grease guns—S. P. Townsend & Co., Orange, N. J.
- TOWN TALK metal washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- TOXEMONT waterproofing materials—Toch Bros., 320 5th av., New York
- TRACKOLINE chemical weed killers—Commercial Chemical Co., Grand Central Terminal, New York
- TRAFILOG time recorders—Brown Trafilog Co., 6911 Carnegie av., S. E., Cleveland, Ohio
- TRAHER belt dressing—Viscol Co., Cambridge, Mass.
- TRAHERN pumping jacks—Trahern Pump Co., Rockford, Ill.
- TRAILMOBILE automobile truck trailers—Sechler & Co., 588 E. 5th, Cincinnati, O.
- TRANE vacuum heating—Vacuum Heating Co., Heed bldg., Phila., Pa.
- TRANSIL transformer oils—General Electric Co., Schenectady, N. Y.
- TRANSIT split switches—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.
- TRANSOM draft gear—Commonwealth Steel Co., St. Louis, Mo.
- TRANSPARENT floor finish—Murphy Varnish Co., McWhorter, Newark, N. J.
- TRANSPARENT waterproofing paints—Glidden Varnish Co., Cleveland, Ohio
- TRANter air compressors—Tranter Mfg. Co., Pittsburgh, Pa.
- TRAUZERAK garment hangers—E. B. Estes & Sons, 358 5th av., New York
- TRAVELIGHT traveling bags—Travelight Mfg. Co., 237 Lawrence, Phila., Pa.
- TRAVIS glass bottles—Travis Glass Co., Clarksburg, W. Va.
- TRAYLOR hot blast stoves—Traylor Engineering Co., Allentown, Pa.
- TREAD-AIR rubber heels—Foster Rubber Co., 105 Federal, Boston, Mass.
- TREAD-KILL industrial & portable railways—M. H. Treadwell Co., 90 West, New York
- TREADWELL rubber heels—Atlantic Mfg. Co., Wilmington, Del.
- TREADWELL shaking grates—M. H. Treadwell Co., of Ill., 208 S. La Salle, Chicago, Ill.
- TREASURE safety pins—Oakville Co., Waterbury, Conn.
- TREASURY blotting paper—Jos. Parker & Son Co., New Haven, Conn.
- TRECO automobile horns—Russell Electric Co., Danbury, Conn.
- TREE BRAND cutlery—Hermann Boker & Co., 101 Duane, New York
- TRE-FOIL air valves, steam & water gauges—Nelson Bogardus, Marshalltown, Ia.
- TREMAIN steam stamps—Allis-Chalmers Mfg. Co., Milwaukee, Wis.
- TREMAINE natural gas burners—T. H. Jamison, Claysville, Pa.
- TREMONT electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- TREMONT hot water radiators—Gurney Heater Mfg. Co., 188 Franklin, Boston, Mass.
- TREMONT oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio
- TRENTON anvils—Columbus Forge & Iron Co., Columbus, Ohio
- TRENTON boiler couplings, wash tray plugs—Trenton Brass & Machine Co., Trenton, N. J.
- TRENTON trolley wagons—J. R. McCardell & Co., Trenton, N. J.
- TRIANGLE carbon paper—H. M. Storms Co., 11 Vandewater, New York
- TRIANGLE laundry starch—Corn Products Refining Co., 17 Battery pl., New York
- TRIANGLE matches—Budde & Westerman, 7th av & 39th, New York
- TRI-ANGLE poultry fountains, poultry coops—Triangle Mfg. Co., Freeport, Ill.
- TRIANGLE sad irons—American Electrical Heater Co., Detroit, Mich.
- TRIANGULATE steel poles—Franklin Steel Works, Franklin, Pa.
- TRI BELLE riding drills, riding listers—Moline Plow Co., Moline, Ill.
- TRI-BISC pump valves—J. C. Edgecumbe & Co., 149 B'way, New York
- TRIBLOC chain hoists—Ford Chain Block Mfg. Co., 130 N. Oxford, Phila., Pa.
- TRIBUNE gauge glass washers, packing—Continental Rubber Works, 180 N. Market, Chicago, Ill.
- TRICYCLE riding listers—Rock Island Plow Co., Rock Island, Ill.
- TRIDENT air valves, gauges, thermometers—Bogardus-Nelson Co., Marshalltown, Ia.
- TRIDENT anvil vises, dredge chains, drill machines, guy clamps—Newhall Chain, Forge & Iron Co., 89 West, New York
- TRIDENT conduit wiring rods—Diamond Expansion Bolt Co., 89 West, New York
- TRIDENT engine lubricators—Wm. Powell Co., Cincinnati, Ohio
- TRIDENT water meters—Neptune Meter Co., 50 E. 42d, New York



- TRIDENT-CREST water-cart meters—Neptune Meter Co., 50 E. 42d, New York
- TRIEDER binoculars—C. P. Goertz American Optical Co., 317 E. 34th, New York
- TRIEX high speed steel—Foreign Steel Co., 140 Cedar, New York
- TRIPLEXED flexible metallic tubing—Metal Hose & Tubing Co., Raymond & Tillary, Brooklyn, N. Y.
- TRILBY shoe blacking & polishes—Everett & Barron Co., 217 Canal, Providence, R. I.
- TRILL steam engine indicators, planimeters—Trill Indicator Co., Corry, Pa.
- TRIMALITE architectural varnishes—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
- TRIMO wrenches, pipe cutters—Trimont Mfg. Co., Amory av, Roxbury, Boston, Mass.
- TRIMOUNT air compressors, pumps—Trimount Rotary Power Co., 1343 Columbus av, Boston, Mass.
- TRIMOUNT belting, cotton & rubber hose, sheet packing—Boston Belting Co., 84 Linden Park, Boston, Mass.
- TRINIDAD asphalt cements, road binders & preservatives—Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.
- TRINITY belting—Combination Rubber Mfg. Co., Bloomfield, N. J.
- TRINITY can openers, cork pullers—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- TRINITY cement—Trinity Portland Cement Co., Dallas, Tex.
- TRI-ODIN natural gas burners—Odin Stove Mfg. Co., Erie, Pa.
- TRIPART metal fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.
- TRIPARTITE steel poles—Franklin Steel Works, Franklin, Pa.
- TRIPLE spark plugs—Superior Motor Specialty Co., 44 N. 4th, Phila., Pa.
- TRIPLE A. floor surfacing machines—Triple "A" Machine Co., 4125 Ravenswood av, Chicago, Ill.
- TRIPLE heat electric sad irons—Waage Electric Co., 12 S. Jefferson, Chicago, Ill.
- TRIPLE peticoat glass insulators—Hemingway Glass Co., Covington, Ky.
- TRIPLE peticoat glass insulators—Locke Insulator Mfg. Co., Victor, N. Y.
- TRIPLE sheet pure gum packing—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York
- TRIPLE TAPE safety fuse—du Pont E. I. de Nemours & Co., Wilmington, Del.
- TRIPLEX bath tub seats—Triplex Bath Tub Chair Mfg. Co., Scranton, Pa.
- TRIPLEX flexible metallic hose—Metal Hose & Tubing Co., (Inc.), Raymond & Tillary, Brooklyn, N. Y.
- TRIPLEX grinding rolls—Elspass Engineering & Mining Machinery Co., Denver, Colo.
- TRIPLEX oil gauges—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- TRIPLEX spring door hinges—Chicago Spring Butt Co., 334 Union Park st., Chicago, Ill.
- TRIPLEX tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.
- TRIPLEXOGRAPH registers—Hainer Bookkeeping Co., 45 Willard av, Providence, R. I.
- TRIPOLI buffing compositions—Hill & Griffith Co., 1248 State av, Cincinnati, O.
- TRIPOLI flour buffing compositions—American Tripoli Co., Seneca, Mo.
- TRIPP packing—W. B. Merrill & Co., Jamaica Plain, Boston, Mass.
- TRIPURE copper stills, feed water heaters, evaporators, oil extractors, pipe bends & coils, sterilizing apparatus, welded tanks, wood tanks—Standard Water Systems Co., Hampton, N. J.
- TRISALYT nickel salts—Roessler & Hasslacher Chemical Co., 100 William, New York
- TRITON belting—Norwich Belt Mfg. Co., Norwich, Conn.
- TRITON fire extinguisher—American La France Fire Engine Co., Elmira, N. Y.
- TRITON hot water radiators—U. S. Radiator Corp., Detroit, Mich.
- TRITON insulated wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- TRITON ATLANTIC rubber covered wire—Atlantic Insulated Wire & Cable Co., Stamford, Conn.
- TRITONE automobile whistles—Sibley & Pitman, 19 W. 36th, New York
- TRIUM ale pumps, ball cocks—Ohio Pump & Brass Co., Columbus, Ohio
- TRIUMPH animal traps—Peck, Stow & Wilcox Co., Southington, Conn.
- TRIUMPH animal traps—Triumph Trap Co., Oneida, N. Y.
- TRIUMPH apple paring machines—Boutell Mfg. Co., Rochester, N. Y.
- TRIUMPH ash sifters, wire cloth—Success Mfg. Co., Gloucester, Mass.
- TRIUMPH auto stools—Bryan Novelty Mfg. Co., Bryan, Ohio
- TRIUMPH bridle bits—Fernald Mfg. Co., North East, Pa.
- TRIUMPH cider mills—Geo. S. Comstock & Son, Mechanicsburg, Pa.
- TRIUMPH clothes wringers—American Ironing Machine Co., 166 N. Michigan, Chicago, Ill.
- TRIUMPH coal dust burners, coal crushers, revolving screens—C. O. Bartlett & Snow Co., French, Cleveland, Ohio
- TRIUMPH coil chains—Bridgeport Chain Co., Bridgeport, Conn.
- TRIUMPH cork pullers—Arcade Mfg. Co., Freeport, Ill.
- TRIUMPH dough dividing machines—Triumph Mfg. Co., Cincinnati, Ohio
- TRIUMPH electric elevator motors—Triumph Electric Co., Oakley, Cincinnati, Ohio
- TRIUMPH engine indicators—Trill Indicator Co., Corry, Pa.
- TRIUMPH ensilage cutters—Lyon Iron Works, Greene, N. Y.
- TRIUMPH feed cutters—Mountville Mfg. Co., Mountville, Pa.
- TRIUMPH fruit jar wrenches—Benj. P. Forbes, 409 Superior av N. W., Cleveland, Ohio
- TRIUMPH fuel level indicators—Boston Auto Gage Co., 8 Waltham, Boston, Mass.
- TRIUMPH game traps—Triumph Trap Co., Oneida, N. Y.
- TRIUMPH gas engines—Root & Vandervoort Engineering Co., East Moline, Ill.
- TRIUMPH gasoline lamps—Brilliant Gas Lamp Co., 1009 S. Wabash, Chicago, Ill.
- TRIUMPH hand carts—Swartwout Mfg. Co., Clinton, N. Y.
- TRIUMPH hand corn planters—James Mfg. Co., Ft. Atkinson, Wis.
- TRIUMPH harness snaps—Covert Saddlery Works, Interlaken, N. Y.
- TRIUMPH harrows—Reed Fdry. & Mach. Co., Kalamazoo, Mich.
- TRIUMPH hay tedders—Thomas Mfg. Co., Springfield, Ohio
- TRIUMPH lawn sprinklers—Hardware Supply Co., Grand Rapids, Mich.
- TRIUMPH milk bottle holders—Parker Wire Goods Co., Worcester, Mass.
- TRIUMPH packing—Goetze Gasket & Packing Co., New Brunswick, N. J.
- TRIUMPH paper hanger trimmers—A. Allen & Co., 2001 Carpenter, Phila., Pa.
- TRIUMPH portable grain elevators—Fosston Mfg. Co., St. Paul, Minn.
- TRIUMPH refrigerators—Challenge Refrigerators Co., Grand Haven, Mich.
- TRIUMPH sash operating device—Dearborn Hardware Mfg. Co., 2911 Carroll av, Chicago, Ill.
- TRIUMPH saw sets—Hy. Disston & Sons, Tacony, Phila., Pa.
- TRIUMPH shingle mill machinery—Armstrong Mfg. Co., Waterloo, Ia.
- TRIUMPH spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
- TRIUMPH sugar centrifugals—Blymyer Iron Works Co., Spring Grove av & Township, Cincinnati, Ohio
- TRIUMPH tea filters—Hamblin & Russell Mfg. Co., Worcester, Mass.
- TRIUMPH tobacco counter cutters—Griswold Mfg. Co., Erie, Pa.
- TRIUMPH tool steel—Foreign Steel Co., 140 Cedar, New York
- TRIUMPH valves—Triumph Valve Mfg. Co., Mansfield, Ohio
- TRIUMPH water lifts—Ohio Pump & Brass Co., Columbus, Ohio
- TRIUMPHATOR calculating machines—Triumphator Calculating Machine Co., 31 New, New York
- TRIUMPH SERIES steam heaters—Craig-Reynolds Foundry Co., Dayton, Ohio
- TRI-WHEELER riding listers—St. Joseph Plow Co., St. Joseph, Mo.
- TRO packing—Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.
- TROIKE automobile mufflers—Troike Muffler & Mfg. Co., Loraine, Ohio
- TROJAN belt dressing—Barnum Bros. Co., Troy, N. Y.
- TROJAN box straps—DeHaven Mfg. Co., 50 Columbia Hgts, Brooklyn, N. Y.
- TROJAN cordage & twine—St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
- TROJAN files—Troy File Works, Troy, N. Y.



TROJAN glass cutters—J. E. Miller & Co., 330 W. Kinzie, Chicago, Ill.  
 TROJAN harness snaps—Covert Mfg. Co., Troy, N. Y.  
 TROJAN lawn canopies—Troy Carriage Sun Shade Co., Troy, Ohio  
 TROJAN lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
 TROJAN locomotive bell ringers, metallic packing, valve grinding compounds—H. G. Hammett, Troy, N. Y.  
 TROJAN lubricating oils & greases—Tropical Paint & Oil Co., 1224 W. 70th, Cleveland, Ohio  
 TROJAN lubricators—Wm. Powell Co., Cincinnati, Ohio  
 TROJAN mop sticks & holders—Arcade Mfg. Co., Freeport, Ill.  
 TROJAN mop sticks & holders—Parks & Parks, Troy, N. Y.  
 TROJAN mop sticks & holders—Stover Mfg. Co., Freeport, Ill.  
 TROJAN powder—Pennsylvania Trojan Powder Co., Allentown, Pa.  
 TROJAN pressure regulators, valves—Ross Valve Mfg. Co., 9 Oakwood av, Troy, N. Y.  
 TROJAN steam heaters—Aird-Don Co., Troy, N. Y.  
 TROKAL floor finish—Eugene E. Nice, 272 S. 2nd, Phila., Pa.  
 TROMMELL mining screens—Galena Iron Works Corp., Galena, Ill.  
 TROPHY oil & grease cups—D. T. Williams Valve Co., Cincinnati, Ohio  
 TROPICAL waterproofing materials—Tropical Paint & Oil Co., W. 70th, Cleveland, Ohio  
 TROTTERS commutator compounds—Jas. Goldmark Co., 83 Warren, New York  
 TROUT'S steam feed valves—Lufkin Foundry & Machine Co., Lufkin, Tex.  
 TROY automobile wind shields—Troy Carriage Sunshade Co., Troy, Ohio  
 TROY wagons—Troy Wagon Works Co., 100 E. Race, Troy, Ohio  
 TROY LADIES' PRIDE sad irons—Wrightsville Hardware Co., Wrightsville, Pa.  
 TRUCKFORD truck units—Robinson Machine Co., 4629 W. Jefferson av, Detroit, Mich.  
 TRUCKMOBILE truck units—Commercial Truckmobile Co., Chicago, Ill.  
 TRUE baking enamels—P. A. Mets Paint Co., 769 Clinton, Buffalo, N. Y.  
 TRUE manganese steel castings—American Steel Foundries, McCormick bldg, Chicago, Ill.  
 TRUE mitre boxes—Nicholls Mfg. Co., Ottumwa, Ia.  
 TRUE switchboard cleaners—United Electric Co., Canton, Ohio  
 TRUE BLUE cultivators—Blount Plow Works, Evansville, Ind.  
 TRUE BLUE stocks & dies—J. M. Carpenter Tap & Die Co., Pawtucket, R. I.  
 TRUE OAK belting—Smyth-Despard Co., Utica, N. Y.  
 TRUESTYLE steel ranges—Wisconsin Fdry. & Steel Works, Cedar Grove, Wis.  
 TRUE TEMPER hand forks—American Fork & Hoe Co., Cleveland, Ohio  
 TRUFFAULT-HARTFORD shock absorbers—Hartford Suspension Co., 141 Morgan, Jersey City, N. J.  
 TRUMBULL knife switches, light switchboards—Trumbull Electric Mfg. Co., Plainville, Conn.  
 TRUMP bag holders—Trumpfeller Mfg. Corp., 447 Ellicott sq, Buffalo, N. Y.  
 TRUMP conductors' ticket punches—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 TRUMPET metal polish—Borsum Bros., 227 Fulton, New York  
 TRUSCON concrete inserts—Trussed Concrete Steel Co., Youngstown, Ohio  
 TRUSTOID air drill hose—Thermoid Rubber Co., Trenton, N. J.  
 TRUSTY gasoline strainers—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 TRY ME ball cocks—Try-Me Mfg. Co., Springfield, Mass.  
 TRY ME ball cocks—Universal Tool Co., Springfield, Mass.  
 TRYON baseballs, baseball gloves—Edw. K. Tryon Co., 611 Market, Phila., Pa.  
 TUBAL manganese bronze ingots, manganese phosphor rods, pump rods—Paul S. Reeves & Co., 1415 Catherine, Phila., Pa.  
 TUBE hot air registers—Columbian Hardware Co., Cleveland, Ohio  
 TUBULAR potato planters—Potato Implement Co., Traverse City, Mich.  
 TUBULAR steam heaters—J. H. McLain Co., Canton, Ohio  
 TUCK packing—Schultz Patent Rubber Co., Phila., Pa.

TUCKAHOE oil & grease guns—Ruby Mfg. Co., Tuckahoe, N. Y.  
 TUCKER casters—Tucker & Dorsey Mfg. Co., Indianapolis, Ind.  
 TUCKER grease traps—J. L. Mott Iron Works, 5th av & 17th, New York  
 TUCKER oil hole covers & cups—W. W. & C. F. Tucker, Hartford, Conn.  
 TUCKS diamond packing—New York Belting & Packing Co., 91 Chambers, New York  
 TUCKS packing—Crandall Packing Co., Palmyra, N. Y.  
 TUCK'S tobacco counter cutters—Wm. Schollhorn Co., New Haven, Conn.  
 TUDOR water closets—Jas. Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 TUDOR ACCUMULATOR storage batteries—Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.  
 TUEBOR fire hose—N. J. Car Spring & Rubber Co., Jersey City, N. J.  
 TUEC vacuum cleaners—United Electric Co., Canton, Ohio  
 TUERK exhaust fans, water motors—Hunter Fan & Motor Co., Fulton, N. Y.  
 TUFFER wood handles—Wm. Charlesworth Handle Co., Fayetteville, Ark.  
 TUF-TEX burlaps—Lehon Co., W. 45th & S. Western av, Chicago, Ill.  
 TUFTEX solid cotton belting—Empire Weaving & Belting Corp., E. Rochester, N. Y.  
 TUGER PULL traction engines—Advance Rumely Thresher Co., La Porte, Ind.  
 TULIP fruit jar rubbers—Empire Tire & Rubber Corp., East Trenton, N. J.  
 TULLE lubricating oils & greases—Universal Lubricating Co., Cleveland, Ohio  
 TUMBLER egg & cream beaters—Taplin Mfg. Co., New Britain, Conn.  
 TUNGAR rectifiers—General Electric Co., Schenectady, N. Y.  
 TUNIS lavatories & fittings—James Barrett Mfg. Co., 117 Pearl, Boston, Mass.  
 TUPPER grate bars—Daugherty Foundry Co., Allentown, Pa.  
 TUPPER grate bars—Edw. Sellers, Lewisburg, Pa.  
 TUPPER grate bars—Valley Iron Works, Williamsport, Pa.  
 TUPPER shaking grates—Chas. Robson & Co., 8th & Washington av, Philadelphia, Pa.  
 TURBINE egg & cream beaters—Cassaday Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 TURBINE vacuum washing machines—Michigan Washing Machine Co., Muskegon, Mich.  
 TURBO humidifier apparatus—G. M. Parks Co., Fitchburg, Mass.  
 TURBOIL lubricating oils—Scrymser Co., 80 South, New York  
 TUR-MIN-TINE mineral turpentine—Waverly Oil Works Co., Pittsburgh, Pa.  
 TURN BRAND pruning shears—Graef & Schmidt, 107 Chambers, N. Y.  
 TURNBULL wagons, wagon dump boxes—Turnbull Wagon Co., Defiance, Ohio  
 TURNBULL'S spring counter scales—Landers, Frary & Clark, New Britain, Conn.  
 TURNER drag line ditching machines—United Iron Works Co., Springfield, Ohio  
 TURNER drawer slides—Grant Pulley & Hardware Co., 3 W 29th, New York  
 TURNER interior telephones—National Dictagraph Co., 1265 Broadway, New York  
 TURNER low water alarms, safety water columns—Binghamton Machine Works, Binghamton, N. Y.  
 TURNER oil filters, lubricating oil storage tanks—Turner Oil Filter Co., Niles, Mich.  
 TURNER roller covering machines—J. S. Turner Mfg. Co., Lowell, Mass.  
 TURNER shock absorbers, tire air pumps—Turner Brass Works, Sycamore, Ill.  
 TURNER-SAWYER leather measuring machines—Turner Tanning Mach'y Co., Peabody, Mass.  
 TURNER-TURRET vertical boring & chucking machines—Turner Machine Co., Danbury, Conn.  
 TURNEY adjustable reamers—Grant Nail & Supply Co., 47 High, Boston, Mass.  
 TURNLOW gas soldering furnaces—Chicago Hardware Foundry Co., 544 W. Washington, N. Chicago, Ill.  
 TURNMORE adjustable wrenches—Anderson Wrench Co., Portland, Conn.  
 TURPOLENE turpentine substitute—Climax Western Oil Co., Minneapolis, Minn.  
 TURPSENE turpentine substitute—Turpsene Mfg. Co., 1901 Callowhill, Philadelphia, Pa.



- TURPSOID turpentine substitute—Geo. H. Garnet Co., Allentown, Pa.
- TURPYNE wood turpentine—Georgia Pine Turpentine Co., 160 Perry, New York
- TURQUOISE kitchen enameled ware—Columbian Enameling & Stamping Co., Terre Haute, Ind.
- TURTLE belt fasteners—Flexible Steel Lacing Co., 522 S. Clinton, Chicago, Ill.
- TURTLE match safes—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
- TURXO packing—New York Belting & Packing Co., 91 Chambers, New York
- TURZ-LITE gasoline arc lamps, sad irons—Tures Mfg. Co., Milwaukee, Wis.
- TUSCAN cotton softeners—Harding & Fancourt, 516 S. Delaware av, Philadelphia, Pa.
- TUSCORA molding sand—Tuscora Sand & Coal Co., Cleveland, Ohio
- TUTHILL water wheels—United Iron Works, Oakland, Cal.
- TUTHELL turbine water wheels—Trump Mfg. Co., San Francisco, Cal.
- TUTTLE tapping machines—Evans Stamping & Plating Co., Taunton, Mass.
- TUXEDO card tables—E. T. Burrows Co., 70 Free, Portland, Me.
- TUXEDO electric lamp hoods—National Metal Stamping & Mfg. Co., 494 Mulberry, Newark, N. J.
- TUXEDO lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- TUXEDO unions—Franklin Williams, 39 Cortlandt, New York
- TUYERE grate bars—Gordon Hollow Blast Grate Co., Greenville, Mich.
- TWELVE electric vacuum cleaners—Hurley Machine Co., 29 S. Clinton, Chicago, Ill.
- 12-IN-1 combination tools—Harrah Mfg. Co., Bloomfield, Ind.
- TWELVE MULE TEAM gasoline engines—Associated Mfrs. Co., Waterloo, Iowa
- 20TH CENTURY balancing tools—Rockford Tool Co., Rockford, Ill.
- 20TH CENTURY barn door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.
- 20TH CENTURY bath tub seats—U. S. Sanitary Mfg. Co., Arot bldg., Pittsburgh, Pa.
- 20TH CENTURY bed casters—Keystone Friction Hinge Co., Williamsport, Pa.
- 20TH CENTURY belt dressing—Bayerson Oil Works, Erie, Pa.
- 20TH CENTURY belt lacing—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.
- 20TH CENTURY belt studs—Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.
- TWENTIETH CENTURY boring tools—Wellman Co., Medford, Mass.
- 20TH CENTURY can & bag carriers—Wirt & Knox Mfg. Co., 23 N. 4th, Phila., Pa.
- 20TH CENTURY can openers—Knickerbocker Mfg. Co., Belleville, N. J.
- 20TH CENTURY children's vehicles—Kirk-Latty Mfg. Co., Cleveland, Ohio
- 20TH CENTURY collar shaping machines—Wm. A. Zeidler Co., 163rd & Melrose av, New York
- 20TH CENTURY concrete mixers—Twentieth Century Mixer Co., Connorsville, Ind.
- 20TH CENTURY creamery testers—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.
- TWENTIETH CENTURY drill chucks—Standard Machinery Co., Mystic, Conn.
- 20TH CENTURY drinking fountains—M. & H. Foundry & Mfg. Co., Belleville, Ill.
- 20TH CENTURY forge blowers—Champion Tool Co., Meadville, Pa.
- 20TH CENTURY fruit evaporators—Munnsville Plow Co., Munnsville, N. Y.
- 20TH CENTURY gas engines—New York Yacht, Launch & Engine Co., Morris Heights, New York
- TWENTIETH CENTURY gas machines, gas producers—C. M. Kemp Mfg. Co., 401 E. Oliver, Baltimore, Md.
- 20TH CENTURY hinge mfrs.—Keystone Friction Hinge Co., Williamsport, Pa.
- 20TH CENTURY horizontal relief valves—Atwood & Morrill, Salem, Mass.
- 20TH CENTURY ice & refrigerating machines—Boland Machinery Co., 552 W. Van Buren, Chicago, Ill.
- 20TH CENTURY ice skates, roller skates—Kohler Die & Specialty Co., De Kalb, Ill.
- 20TH CENTURY linoleum cements—L. W. Ferdinand & Co., 154 Kneeland, Boston, Mass.
- 20TH CENTURY lunch boxes—Reading Saddle & Mfg. Co., Reading, Pa.
- 20TH CENTURY mail boxes—Wm. F. Heise Mfg. Co., 355 Union pk ct, Chicago, Ill.
- 20TH CENTURY milk can washing machines—Oakes & Burger Co., Cattaraugus, N. Y.
- 20TH CENTURY nut crackers & picks—Gray Iron Foundry Co., Reading, Pa.
- 20TH CENTURY packing—American Steam Packing Co., 10 High, Boston, Mass.
- 20TH CENTURY packing—Martell Packings Co., Inc., The, Elyria, Ohio
- 20TH CENTURY packing—Metallic Packing & Mfg. Co., Elyria, Ohio
- 20TH CENTURY pickup sweepers—Baker Mfg. Co., Springfield, Ill.
- 20TH CENTURY pipe vises—Prentiss Vise Co., 106 Lafayette, New York
- 20TH CENTURY rug exhibitors—Consolidated Carpet Sewing Machine Co., Bridgeport, Conn.
- 20TH CENTURY snow plows—Baker Mfg. Co., Springfield, Ill.
- TWENTIETH CENTURY spark timers—Powell Muffler & Timer Co., Utica, N. Y.
- 20TH CENTURY steam engine, indicators, tube cleaners—Richard Thompson & Co., 126 Liberty, New York
- 20TH CENTURY store stools—Bryan Novelty Mfg. Co., Bryan, Ohio
- TWENTIETH CENTURY tank heaters—Butler Co., Butler, Ind.
- 20TH CENTURY tire protectors—20th Century Tire Protector Co., Midlothian, Tex.
- 20TH CENTURY vegetable oil soap—Theo. B. Robertson Products Co., Inc., 700 W. Division, Chicago, Ill.
- TWENTIETH CENTURY washing machines—Twentieth Century Mfg. Co., Mansfield, Ohio
- 20TH CENTURY windmill pumps—Humphreyes Mfg. Co., Mansfield, Ohio
- TWENTY-FIRST CENTURY valve bags—Urschel-Bates Valve Bag Co., Toledo, Ohio
- 23 POLISH—Mutual Auto Accessories Co. of America, 58 W. 65th, New York
- 23-SKIDDO paint & varnish remover—Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
- 22 HI-POWER ammunition—Savage Arms Corp., Utica, N. Y.
- TWITCHELL tire pressure gauges—Twitchell Gauge Co., 1209 S. Michigan av, Chicago, Ill.
- TWITCHELL'S acidometers—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.
- TWIN cultivators—J. I. Case Plow Works, Racine, Wis.
- TWIN cutlery—Graef & Schmidt, 107 Chambers, New York
- TWIN jacks—Weaver Mfg. Co., Springfield, Ill.
- TWIN wall ties—Hunt Metal Corner Co., Westboro, Mass.
- TWIN CITY engines, derricks, hoists—Minneapolis Steel & Machinery Co., Minneapolis, Minn.
- TWIN GRIP paper fasteners—De Long Hook & Eye Co., Phila., Pa.
- TWINPLEX safety razor stroppers—Twinplex Sales Co., 313 N. 10th, St. Louis, Mo.
- TWINROLD box straps—Stanley Works, New Britain, Conn.
- TWIN-TACT spark plugs—Superior Motor Power Co., 30 Irving pl. New York
- TWINVOLUTE pumps—Twinvolute Pump & Mfg. Co., 55 William, New York
- TWO CELL electric lanterns—Hytees' Factories, Inc., Indianapolis, Ind.
- 2 IN 1 engine lathes—J. J. McCabe, 30 Church, New York
- TWO IN ONE hack saw machines—Buffalo Specialty Co., 375 Ellicott, Buffalo, N. Y.
- 2 IN 1 polish—F. F. Dalley Co., Buffalo, N. Y.
- 2-IN-1 spark plug wrenches—Chas. Miller, Syracuse, N. Y.
- TWO-IN-ONE toe calk welding dies—Cleveland Shaft Spring Co., Cleveland, Ohio
- TWO-MINUTE tire air pumps—Racine Engine & Machine Co., Racine, Wis.
- TWOPLEX demijohns—Fred C. White, 241 Water, New York
- TWO-WAY plug—Benjamin Electric Mfg. Co., 128 S. Sangamon, Chicago, Ill.
- TWO-WAY wire connectors—Frank Ridlon Co., 261 Franklin, Boston, Mass.
- TY COBB sporting & athletic goods—W. B. Jarvis Co., Grand Rapids, Mich.
- TYCOS instruments—Taylor Instrument Companies, Rochester, N. Y.
- TYDEN self-locking seals—International Seal & Lock Co., Hastings, Mich.
- TYLER feed water weighers, steam traps—Tyler Underground Heating System, 815 S. Canal, Pittsburgh, Pa.
- TYLER steam traps—Tyler Underground Heating System, 815 S. Canal, Pittsburgh, Pa.



TYLER wrought steel window frame—W. S. Tyler Co., Cleveland, Ohio  
 TYLER'S calf weaners—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.  
 TYPHON clothes washing machines—Richmond Cedar Works, Fulton, Richmond, Va.  
 TYPHOON double-acting pumps—Fairbanks, Morse & Co., 900 S. Wabash av., Chicago, Ill.  
 TYPHOON turbine blowers—J. L. Wing Mfg. Co., 352 W. 13th, New York  
 TYRES phosphoric acid—National Aniline & Chemical Co., 100 William, New York  
 TYRIAN automobile horn bulbs, inner automobile tubes, rubber-headed tacks—Tyler Rubber Co., Andover, Mass.  
 TYROLEAN electric bells—Electric Goods Mfg. Co., Canton, Mass.  
 TYTE-UNYTE pipe joint cements—J. C. Whitlam Mfg. Co., Wadsworth, Ohio

U concrete reinforcing materials—Neevel Mfg. Co., Kansas City, Mo.  
 U packing—Providence Belting Co., 7 Beverly, Providence, R. I.  
 U packing—Wolverine Leather Goods Co., Detroit, Mich.  
 U reinforcing bar benders—Neevel Mfg. Co., Kansas City, Mo.  
 U. C. water coolers—Union Cooperage Co., 2nd & Penrose, St. Louis, Mo.  
 U. M. clothes washing machines—Coffield Motor Washer Co., Dayton, Ohio  
 U. M. C. ammunition—Remington Arms Union Metallic Cartridge Co., 233 Broadway, New York  
 U-N-O shoe blacking & polishes—Everett & Baron Co., 217 Canal, Providence, R. I.  
 U N X L D galvanized laundry tub covers—Greason Mfg. Co., 108 W. 99th, New York  
 U-AU-TO axle grease—Hisgen Bros., Albany, N. Y.  
 UBBINK curb forms—Joe Ubbink, Port Washington, Wis.  
 UDELL ironing boards—Udell Works, Indianapolis, Ind.  
 UGITE road binders & preservatives—United Gas Improvement Co., Phila., Pa.  
 UHL metallic furniture, adding machine stands—Toledo Metal Furniture Co., Toledo, Ohio  
 U-KAN-PLATE metal polish—A. R. Justice Co., 607 Chestnut, Phila., Pa.  
 UKO spark plugs, stove polish—Utility Co., 636 W. 44th, New York  
 ULCO lead rope, lead wood packing—United Lead Co., 111 Broadway, New York  
 ULRICH adjustable shadowless tables—Wausau Fixture Co., Wausau, Wis.  
 ULSTER chair seats—Blair Veneer Co., North Troy, N. Y.  
 ULSTER kitchen knives—Divine Dwight & Sons, Ellenville, N. Y.  
 ULSTER staybolt iron—Ulster Iron Works, Dover, N. J.  
 ULTIMATE water closets—Jackson Potteries Co., Fulton bldg., Pittsburgh, Pa.  
 ULTRA tire air pumps—Stevens & Co., 373 Broadway, New York  
 ULTRA BLAC automobile varnish—Atlantic Varnish Works, Inc., Richmond, Va.  
 ULTRA CAPITAL steel—Edgar T. Ward's Sons, 44 Farnsworth, Boston, Mass.  
 UMPIRE wall ties—Church Appliance Mfg. Co., La Salle, Ill.  
 UNCLE SAM cultivators—Grand Detour Plow Co., Dixon, Ill.  
 UNCLE SAM grass sheep shears—Geo. E. Gay, Augusta, Me.  
 UNCLE SAM picture hooks—Forsyth Metal Goods Co., East Aurora, N. Y.  
 UNCLE SAM riveting machines—A. Williams, Ravenna, Ohio  
 UNCLE SAM spring tooth attachments—B. F. Avery & Sons, Louisville, Ky.  
 UNCLE SAM stove pipe dampers—Sayre Stamping Co., Sayre, Pa.  
 UNCLE SAM'S portable punches—Whitney Metal Tool Co., Rockford, Ill.  
 UNDERHILL axes—American Axe & Tool Co., Glassport, Pa.  
 UNDERWOOD belting—Wm. Sumner Belting Co., Tolland, Conn.  
 UNDERWOOD self-feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 UNDERWRITERS cotton hose—Boston Belting Co., 84 Linden Park st., Boston, Mass.  
 UNDERWRITERS fire door hangers—Stowell Co., S. Milwaukee, Wis.  
 UNDERWRITERS fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.

UNDERWRITERS fire hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 UNDERWRITERS' label fire proof metal doors—Kinneer & Gager Mfg. Co., Columbus, Ohio  
 UNDERWRITERS LABEL fireproof doors—Cincinnati, Ohio  
 UNEEDIT gas sad irons—Rosenbaum Mfg. Co., 33 Bleecker, New York  
 UNEQUALED oak flooring—T. Wilce Co., 2209 Throop, Chicago, Ill.  
 UNICO carbon paper—Union Paper & Twine Co., 125 St. Clair av., N. W. Cleveland, Ohio  
 UNICUM chair seats—Theo. H. Gary Co., 61 Irving pl., New York  
 UNIFIC gauge glasses—H. A. Rogers Co., 87 Walker, New York  
 UNIFONTE brazing compounds—Phillips-Lafitte Co., Penna. bldg., Phila., Pa.  
 UNI-LITE kerosene oil tubular lanterns—Acorn Brass Mfg. Co., 526 S. Clinton, Chicago, Ill.  
 UNION air compressors—Union Steam Pump Co., Battle Creek, Mich.  
 UNION annealing boxes—Union Steel Casting Co., 62nd & Butler, Pittsburgh, Pa.  
 UNION automobile jacks—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 UNION barn door hangers, barn door rollers, stay rolls—Lawrence Bros., Sterling, Ill.  
 UNION belting, packing, hose—Voorhees Rubber Mfg. Co., Jersey City, N. J.  
 UNION chucks, planes—Union Mfg. Co., New Britain, Conn.  
 UNION churns—American Wooden Ware Mfg. Co., Toledo, Ohio  
 UNION-CINCH pipe fittings—Richardson-Phenix Co., Milwaukee, Wis.  
 UNION cork board insulation—Union Fibre Co., Winona, Minn.  
 UNION corn planters—Ohio Rake Co., Dayton, Ohio  
 UNION electric fuses, fuse cut-outs, switch boxes, fusible fire door links—Chicago Fuse Mfg. Co., 1014 W. Congress, Chicago, Ill.  
 UNION ensilage cutters—Heebner & Sons, Lansdale, Pa.  
 UNION feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 UNION film oil—Union Petroleum Co., 135 S. 2nd, Phila., Pa.  
 UNION flint paper—American Glue Co., 121 Beverly, Boston, Mass.  
 UNION frogs, switches & crossings, screw jacks—Morden Frog & Crossing Works, 208 S. La Salle, Chicago, Ill.  
 UNION gas engines—Union Gas Engine Co., 244 1st, San Francisco, Cal.  
 UNION grain drills, stalk cutters—Peoria Drill & Seeder Co., Peoria, Ill.  
 UNION heel plates—Louis Sacks, Hamburg pl., Newark, N. J.  
 UNION lawn rakes—Union Fork & Hoe Co., Columbus, Ohio  
 UNION lemon squeezers—Arcade Mfg. Co., Freeport, Ill.  
 UNION lock sets—Sargent & Co., New Haven, Conn.  
 UNION milk cans—Oakes & Burger Co., Cattaugus, N. Y.  
 UNION packing—Greene, Tweed & Co., 109 Duane, New York  
 UNION paper bags—Union Bag & Paper Co., 1968 Woolworth bldg., New York  
 UNION plasterers' steel beads—Union Metal Corner Co., 18 Heath, Boston, Mass.  
 UNION porch columns, arc lamp posts—Union Metal Mfg. Co., Canton, Ohio  
 UNION rail bonds—Union Electric Co., Pittsburgh, Pa.  
 UNION railway track drills—Pettibone, Mulliken & Co., 140 S. Dearborn, Chicago, Ill.  
 UNION sand & gravel screens—Union Steel Products Co. (Ltd.), Albion, Mich.  
 UNION sausage stuffers—Union Machine Works & Iron Foundry, 1825 S. Water, Phila., Pa.  
 UNION screw drivers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 UNION screw drivers—Geo. E. Gay, Augusta, Me.  
 UNION splice insulating compounds—Massachusetts Chemical Co., Walpole, Mass.  
 UNION steam jet blowers—Scranton Pump Co., Scranton, Pa.  
 UNION stone jacks, chain hoists, boot protectors, elevator door openers, trench braces, leather packing—Jas. H. Channon Mfg. Co., 227 W. Erie, Chicago, Ill.  
 UNION stovette electric stoves—Union Electric Products Co., Kerr bldg., Detroit, Mich.  
 UNION sweep horse powers—C. L. Clark, St. Johnsbury, Vt.



- UNION tool cases—American Drafting Furniture Co., Rochester, N. Y.  
 UNION tool chests, cabinets, cases, etc., stock & special—Union Tool Chest Works, 199 Railroad, Rochester, N. Y.  
 UNION tool grinders—Barcola Mfg. Co., Buffalo, N. Y.  
 UNION trolley line materials—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.  
 UNION truck units—Union Truck Mfg. Co., 250 W. 54th, New York  
 UNION wall ties—Union Building Material Co., 217 7th av, New York  
 UNION water closets—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 UNION water meters—Union Water Meter Co., Worcester, Mass.  
 UNION wire rope clips—Union Elevator & Machine Co., 214 W. Ontario, Chicago, Ill.  
 UNION COMPOUNDING VALVE water heaters—Union Water Meter Co., Worcester, Mass.  
 UNION GIANT corn & cob mills, gasoline engines—Union Foundry & Machine Co., Ottawa, Kans.  
 UNION, JR. seeders & sowers—Peoria Drill & Seeder Co., Peoria, Ill.  
 UNION PACIFIC self-feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 UNIPHITE packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 UNIPIVOT pyrometers, galvanometers & bridges—Wilson-Maeulen Co., 1 E. 42nd, New York  
 UNIQUE attrition mills—Robinson Mfg. Co., Muncy, Pa.  
 UNIQUE boiler injectors—Rue Mfg. Co., 228 Cherry, Phila., Pa.  
 UNIQUE coaster wagons—Sheboygan Coaster & Wagon Works, Sheboygan, Wis.  
 UNIQUE electric illuminated signs—P. Pause & Co., 400 W. Erie, Chicago, Ill.  
 UNIQUE heaters—New Milford Foundry & Machine Co., New Milford, Conn.  
 UNIQUE horse tail ties—Geo. S. Knapp, Bridgeport, Conn.  
 UNIQUE metallic shingles—Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.  
 UNIQUE nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 UNIQUE radiator hot water valves—Honeywell Heating Specialty Co., Wabash, Ind.  
 UNIQUE smokeless rifle—Hercules Powder Co., Wilmington, Del.  
 UNIQUE steel measuring tapes—Keuffel & Esser, Hoboken, N. J.  
 UNIQUE toilet paper holders—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 UNIT concrete reinforcing materials—A. P. Hanson & Son, 1911 Emerson av, Chicago, Ill.  
 UNIT deep well pumps—Kewanee Private Utilities Co., Kewanee, Ill.  
 UNIT flushing valves, siamese connections—Murray & Sorenson, 227 W. 17th, New York  
 UNIT lock-nuts & washers—McClellan Nut Co., 7046 Wentworth av, Chicago, Ill.  
 UNITAS adding machines—Oscar Muller Co., 32 Broadway, New York  
 UNITAS sanitary flooring—Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.  
 UNITAS wall coverings—Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.  
 UNITED bath fittings—United Brass Mfg. Co., Cleveland, Ohio  
 UNITED concrete mixers—United Engine Co., Lansing, Mich.  
 UNITED-OTTO coke oven construction—United Coke & Gas Co., 6 Church, New York  
 U. S. air brake hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 U. S. ball cocks—Julian D'Este & Co., 24 Canal, Boston, Mass.  
 U. S. barn door hangers—Hunt, Helm, Ferris & Co., Harvard, Ill.  
 U. S. barrows—Sidney Steel Scraper Co., Sidney, Ohio  
 U. S. belting—Reed & Duecker, Memphis, Tenn.  
 U. S. block system signals, electric railway signals—United States Electric Signal Co., West Newton, Mass.  
 U. S. boiler injectors—American Injector Co., Detroit, Mich.  
 U. S. buffing compositions—U. S. Chemical Co., 3621 Lakeside av, N. E. Cleveland, Ohio  
 U. S. carbon paper—United States Typewriter Ribbon Mfg. Co., 8th & Sansom, Philadelphia, Pa.  
 U. S. clicker hooks, flexible steel wire mats, porch swings—United States Wire Mat Co., Decatur, Ill.  
 U. S. clothes pins—U. S. Clothespin Co., Montpelier, Vt.  
 UNITED STATES clothes washing machines—N. Brown Co., Wapakoneta, Ohio  
 UNITED STATES cream separators—Vermont Farm Machine Co., Bellows Falls, Vt.  
 U. S. cook stove evaporators—Edw. B. Fahrney, Waynesboro, Pa.  
 U. S. dinner pails—Central Stamping Co., 172 Fulton, New York  
 U. S. door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 U. S. dry batteries—National Carbon Co., Cleveland, Ohio  
 U. S. equalizers—U. S. Pressed Steel Co., Ypsilanti, Mich.  
 U. S. fire extinguishers—Missouri Lamp & Mfg. Co., 114 Elm, St. Louis, Mo.  
 U. S. fusel oil testers—Chas. J. Tagliabue Mfg. Co., 20 33rd, Brooklyn, N. Y.  
 U. S. gate valves—Wm. Powell Co., Cincinnati, Ohio  
 U. S. grain graders—B. S. Coustant Mfg. Co., Bloomington, Ill.  
 U. S. grapple forks—U. S. Wind Engine & Pump Co., Batavia, Ill.  
 U. S. guard rail clamps—United States Malleable Iron Co., Toledo, Ohio  
 U. S. hand corn planters—H. H. Wabers Mfg. Co., Racine, Wis.  
 U. S. hot air furnaces—Columbus Heating & Ventilating Co., Columbus, Ohio  
 U. S. hot air registers—U. S. Register Co., Ltd., Battle Creek, Mich.  
 U. S. ice skates, nail sets—P. Lowentraut Mfg. Co., Newark, N. J.  
 U. S. low water alarms, safety water columns—Leopold Steigert, Logan & Elder, Cincinnati, Ohio  
 U. S. meat & food choppers—Smith & Hemenway Co., 150 Chambers, New York  
 U. S. metal polish—Geo. W. Hoffman Co., 557 E. Washington, Indianapolis, Ind.  
 U. S. mineral wool—U. S. Mineral Wool Co., 280 Madison av, New York  
 U. S. padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 U. S. planes—Sargent & Co., New Haven, Conn.  
 U. S. pop safety valves—J. E. Lonergan Co., 211 Race, Philadelphia, Pa.  
 UNITED STATES rail bonds—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.  
 U. S. sash cords—Whittier Mills Co., Chattahoochee, Ga.  
 U. S. sleet cutters—R. D. Nuttall Co., McCandless & Harrison av, Pittsburgh, Pa.  
 U. S. standard babbitt metal—Riverside Metal Refining Co., Connellsville, Pa.  
 U. S. standard gauges, tank indicators—Quimby Engineering Co., 913 Ridge av, Philadelphia, Pa.  
 U. S. standard door hangers—Safety Door Hanger Co., Ashland, Ohio  
 U. S. standard hot pressed nuts—American Equipment Co., Norristown, Pa.  
 U. S. standard portable saw mills—Geo. S. Comstock & Son, Mechanicsburg, Pa.  
 U. S. STANDARD punches—I. P. Richards Co., 23 Pemberton, Providence, R. I.  
 U. S. steel corn cribs—Krechmer Mfg. Co., Council Bluffs, Ia.  
 UNITED STATES steel piling—Carnegie Steel Co., Pittsburgh, Pa.  
 UNITED STATES treasury mucilage, writing inks—Wm. A. Davis Co., 40 Batterymarch, Boston, Mass.  
 U. S. sweat collar—R. Brownson & Co., St. Paul, Minn.  
 U. S. typewriter ribbons—United States Typewriter Ribbon Mfg. Co., 8th & Sansom, Philadelphia, Pa.  
 U. S. wire poultry netting—Indiana Steel & Wire Co., Muncie, Ind.  
 U. S. A. babbitt metal—United Smelting & Aluminum Corp., 187 Commerce, New Haven, Conn.  
 U. S. A. grass catchers—Specialty Mfg. Co., St. Anthony Park, Minn.  
 U. S. A. sliding furniture shoes—Henry W. Peabody & Co., 17 State, New York  
 U. S. E. M. potentiostats, fire alarms, bell ringers, wire connectors—U. S. E. M. Co., 301 W. 37th, New York  
 U. S. L. car lighting apparatus, storage batteries—United States Light & Heat Corp., Niagara Falls, N. Y.  
 U. S. M. C. shoe knife sharpeners, thread lubricators, leather embossing & buttonhole making machines—United Shoe Machinery Co., Boston, Mass.  
 U. & G. belting—United & Globe Rubber Mfg. Co., Trenton, N. J.  
 UNITED wrought steel window frame—Trussed Concrete Steel Co., Detroit, Mich.



UNILITE electric & gas light fixtures—Harter Mfg. Co., 522 S. Clinton, Chicago, Ill.

UNI-TRUCK truck units—Stewart Mfg. Co., Waterloo, Ia.

UNITUBE automobile radiators—Unitube Auto. Radiator Co., Rochester, N. Y.

UNITY insulator pins—Minerallac Electric Co., 400 S. Hoyne av, Chicago, Ill.

UNIVERSAL adjustable road drag—Galion Iron Works & Mfg. Co., Galion, Ohio

UNIVERSAL ammeters & voltmeters—Manhattan Electrical Supply Co., 17 Park pl, New York

UNIVERSAL angular bit stocks bevels—Goodell Pratt Co., Greenfield, Mass.

UNIVERSAL angular bit stocks, hand drill machines—Millers Falls Co., 28 Warren, New York

UNIVERSAL armature & field coil winding machines—P. E. Chapman, 19th & Walnut, St. Louis, Mo.

UNIVERSAL ash sifters—Hill Dryer Co., Worcester, Mass.

UNIVERSAL automatic air squeezer—Berkshire Mfg. Co., Cleveland, Ohio

UNIVERSAL automobile bumpers, lamp brackets—L. P. Halladay Co., Streator, Ill.

UNIVERSAL automobile engine starters, electric lighting systems—North East Electric Co., Rochester, N. Y.

UNIVERSAL automobile wind shields—Universal Wind Shield Co., 1607 Prairie, Chicago, Ill.

UNIVERSAL babbitt metal—Merchants & Evans Co., 517 Arch, Philadelphia, Pa.

UNIVERSAL babbitt metal—More-Jones Brass & Metal Co., Broadway & Dock, St. Louis, Mo.

UNIVERSAL bath room fixtures, cutlery, cooking utensils—Landers, Frary & Clark, New Britain, Conn.

UNIVERSAL bed plates & grips for printing presses—Meisel Press Mfg. Co., 942 Dorchester av, Boston, Mass.

UNIVERSAL belt shifters—Builders' Iron Foundry, 9 Coddington, Providence, R. I.

UNIVERSAL belting, rubber hose—Boston Belting Co., 84 Linden Park, Boston, Mass.

UNIVERSAL bibb reamers—C. H. Yonts & Co., Meadville, Pa.

UNIVERSAL bibb seat dressers—Wolverine Brass Works, Grand Rapids, Mich.

UNIVERSAL blue printing machines—Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.

UNIVERSAL boiler injectors—Schutte & Koerting Co., 1251 N. 12th, Philadelphia, Pa.

UNIVERSAL bottle filling machines—Fowler Bottling Machine Co., 124 White, New York

UNIVERSAL box strap—Cary Mfg. Co., Nassau & Jay, Brooklyn, N. Y.

UNIVERSAL cable grips—Universal Cable Grip Co., Syracuse, N. Y.

UNIVERSAL car trucks—J. G. Brill Co., 62nd & Woodland av, Philadelphia, Pa.

UNIVERSAL car window fixtures, sash locks—McCord Mfg. Co., Detroit, Mich.

UNIVERSAL cast iron pipe, pipe joints, range boiler stands—Central Foundry Co., 90 West, New York

UNIVERSAL cement—Universal Portland Cement Co., 208 S. La Salle, Chicago, Ill.

UNIVERSAL cement post machinery—Cement Machinery Co., Jackson, Mich.

UNIVERSAL chucks—Potter & Johnston Machine Co., Pawtucket, R. I.

UNIVERSAL cigar lighters—Adjustable Lighter Assn., Newton, Mass.

UNIVERSAL circular folding machines—American Multigraph Sales Co., 1832 E. 4th, Cleveland, Ohio

UNIVERSAL closet couplings—Hydraulic Specialty Co., 427 Walnut, Philadelphia, Pa.

UNIVERSAL coal crushers—Universal Crusher Co., Cedar Rapids, Ia.

UNIVERSAL compression stops—Peck Bros. & Co., New Haven, Conn.

UNIVERSAL cultivators—Avery Co., Peoria, Ill.

UNIVERSAL cultivators—J. I. Case Plow Works, Racine, Wis.

UNIVERSAL cobblers' outfits, shoe cleaners—Root-Heath Mfg. Co., Plymouth, Pa.

UNIVERSAL corner beads—General Fireproofing Co., Youngstown, Ohio

UNIVERSAL corner beads—Rogers-Shear Co., Warren, Pa.

UNIVERSAL drilling machine vises—Sellew Machine Tool Co., Pawtucket, R. I.

UNIVERSAL dry batteries—Universal Novelty Wks., 147 W. 23d, New York

UNIVERSAL electric cable hangers—National Telephone Supply Co., Cleveland, Ohio.

UNIVERSAL electric fans—Diehl Mfg. Co., Elizabeth, N. J.

UNIVERSAL electric gas lighters—Adjustable Lighter Assn., Newton, Mass.

UNIVERSAL electric lamp brackets—McCrosky Reamer Co., Meadville, Pa.

UNIVERSAL electric sad irons—Polouze Mfg. Co., 232 E. Ohio, Chicago, Ill.

UNIVERSAL electric wire cord spools—McGill Mfg. Co., 77 Oak, Valparaiso, Ind.

UNIVERSAL emery wheel guards—Barcy-Nicholson Co., 37 W. Fort, Detroit, Mich.

UNIVERSAL fertilizer distributors—Towers & Sullivan Mfg. Co., Rome, Ga.

UNIVERSAL fishing rod holders—A. F. Meisselbach & Bros., 29 Congress, Newark, N. J.

UNIVERSAL flanging machines—Morgan Engineering Co., Alliance, Ohio

UNIVERSAL floor oilers—Geo. H. Garnet Co., Allentown, Pa.

UNIVERSAL flour sieves—Parker Wire Goods Co., Worcester, Mass.

UNIVERSAL force feed lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

UNIVERSAL fruit & vegetable parers—Hamblin & Russell Mfg. Co., Worcester, Mass.

UNIVERSAL furniture polish—American Metal Polish Co., West Somerville, Mass.

UNIVERSAL garment hangers—Two Rivers Plating Works, Two Rivers, Wis.

UNIVERSAL guy anchors—Universal Cable Grip Co., Syracuse, N. Y.

UNIVERSAL hack saw blades & frames, hack saw machines—West Haven Mfg. Co., West Haven, Conn.

UNIVERSAL hog fences—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.

UNIVERSAL hollow augers—A. A. Wood & Sons Co., Atlanta, Ga.

UNIVERSAL hollow augers—Jas. Swan Co., Seymour, Conn.

UNIVERSAL hook & eyelet setting machines—F. H. Smith Mfg. Co., 3047 Carroll av, Chicago, Ill.

UNIVERSAL hose nozzles—Central Brass & Stamping Co., Peoria, Ill.

UNIVERSAL hydraulic jacks—Richard Dudgeon, 24 Columbia, New York

UNIVERSAL incandescent gas burners—Welsbach Co., 1008 Filbert, Philadelphia, Pa.

UNIVERSAL index centers—Fred C. Dickow, 33 S. Desplaines, Chicago, Ill.

UNIVERSAL insulated connectors—R. S. Mueller & Co., Cleveland, Ohio

UNIVERSAL insulator clamps, insulator supports—Steel City Electric Co., 1207 Washington, Pittsburgh, Pa.

UNIVERSAL kneading & mixing machines—Werner & Pfeiderer Co., Saginaw, Mich.

UNIVERSAL knife switches—Geo. Cutter Co., South Bend, Ind.

UNIVERSAL lawn mowers—Blair Mfg. Co., Springfield, Mass.

UNIVERSAL lawn mowers—Clarinda Lawn Mower Co., Clarinda, Ia.

UNIVERSAL lightning arresters—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.

UNIVERSAL locknut bushings—New Process Specialty Co., Enterprise bldg., Milwaukee, Wis.

UNIVERSAL log skidding & loading machines—Clyde Iron Works, Duluth, Minn.

UNIVERSAL lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.

UNIVERSAL lumber trimmers—Fox Machine Co., Grand Rapids, Mich.

UNIVERSAL mechanical stokers—Oscar Barnett Foundry Co., Irvington, N. J.

UNIVERSAL metallic sash bars—VOLTZ Mfg. Co., 914 Penn., St. Joseph, Mo.

UNIVERSAL mucilage—Continental Mfg. Co., 330 N. 3rd, Philadelphia, Pa.

UNIVERSAL mucilage—National Gum & Mica Co., 502 W. 59th, New York

UNIVERSAL nut crackers & picks—Arcade Mfg. Co., Freeport, Ill.

UNIVERSAL oil pumps—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio

UNIVERSAL packing—Universal Flexible Packing Co., 3109 Penn av, Pittsburgh, Pa.

UNIVERSAL pipe hangers—Enoch Rutzler Co., 404 E. 49th, New York

UNIVERSAL pitching machines, preheaters—Henry Rauch & Son, Mt. Vernon, N. Y.

UNIVERSAL plow coulters—John Clayton Plow Co., Minneapolis, Minn.

UNIVERSAL plow coulters—Rock Island Plow Co., Rock Island, Ill.



- UNIVERSAL post hole diggers—F. E. Kohler Co., Canton, Ohio
- UNIVERSAL protractors—Chas. H. Besley & Co., 124 N. Clinton, Chicago, Ill.
- UNIVERSAL radiator valves, stop & waste cocks—Kelly & Jones Co., Pittsburgh, Pa.
- UNIVERSAL ratchet drills—Gallagher Mfg. Co., Lynn, Mass.
- UNIVERSAL reamer grinders—Wood Engineering Co., Alliance, Ohio
- UNIVERSAL reamers, cutter heads—Schellenbach-Hunt Tool Co., 14th & Plum, Cincinnati, Ohio
- UNIVERSAL refrigerator latches—Payson Mfg. Co., 2918 W. Jackson bldg., Chicago, Ill.
- UNIVERSAL road rollers—Universal Road Machinery Co., Kingston, N. Y.
- UNIVERSAL rock & ore conveyors—Universal Crusher Co., Cedar Rapids, Ia.
- UNIVERSAL rubber masticators—Werner & Pfeiderer Co., Saginaw, Mich.
- UNIVERSAL sash chains, plumber chains—E. Jencks Mfg. Co., Worcester, Mass.
- UNIVERSAL saw benches—Colburn Machine Tool Co., Franklin, Pa.
- UNIVERSAL saw benches & tables—Oliver Machinery Co., Grand Rapids, Mich.
- UNIVERSAL self-feeders & band cutters for threshers—Nichols & Shepard Co., Battle Creek, Mich.
- UNIVERSAL sheet metal workers' machines & tools, automobile turntables, belt stands—Canton Foundry & Machine Co., Canton, Ohio
- UNIVERSAL shoe shining chairs—Buffalo Metal Furniture Co., Buffalo, N. Y.
- UNIVERSAL sliding furniture shoes, stove trucks—Universal Caster & Foundry Co., 574 Ferry, Newark, N. J.
- UNIVERSAL sling hay carriers—Louden Machinery Co., Fairfield, Ia.
- UNIVERSAL soldering fluid—Universal Fluxine Co., Urbana, Ohio
- UNIVERSAL splitting shears—Bertsch & Co., Cambridge City, Ind.
- UNIVERSAL steel calender stock shells—W. F. Gameter, Cadiz, Ohio
- UNIVERSAL steel ceilings—F. O. Schoedlinger, Columbus, Ohio
- UNIVERSAL steel shelving—Merritt & Co., 93 Arch, Camden, N. J.
- UNIVERSAL tenon & boring machines—Vulcan Iron Works, Mason City, Ia.
- UNIVERSAL test indicators—L. S. Starrett Co., Athol, Mass.
- UNIVERSAL thread cutting tools—Wm. Avery & Co., Foxboro, Mass.
- UNIVERSAL tool grinders—Bath Grinder Co., Fitchburg, Mass.
- UNIVERSAL tool grinders—Gosholt Machine Co., Madison, Wis.
- UNIVERSAL tool grinders—Mummert-Dixon Co., Hanover, Pa.
- UNIVERSAL trolley wire hangers—Electrical Railway Equipment Co., Cincinnati, Ohio
- UNIVERSAL tube expanders—J. Faessler Mfg. Co., Moberly, Mo.
- UNIVERSAL variety wood turning machines—C. Matison Machine Works, Beloit, Wis.
- UNIVERSAL window cleaners—Osborn Mfg. Co., 5401 Hamilton av., N. E., Cleveland, Ohio
- UNIVERSAL wall finish—United States Gypsum Co., 205 W. Monroe, Chicago, Ill.
- UNIVERSAL washing machines—Voss Bros. Mfg. Co., Davenport, Ia.
- UNIVERSAL window ventilators—Universal Ventilating Co., Kansas City, Mo.
- UNIVERSAL wood boring machines—J. M. Nash, Milwaukee, Wis.
- UNIVERSAL FLUXINE brazing compounds—Universal Fluxine Co., Urbana, Ohio
- UNIVERSAL GIANT friction clutch couplings, giant friction clutches—T. B. Wood's Sons Co., Chambersburg, Pa.
- UNIVERSAL-PEERLESS perforating machines—A. G. Burton Son, 118 S. Clinton, Chicago, Ill.
- UNIVERSITY lawn mowers—Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
- UNIVERSITY tool makers' vises—Emmert Mfg. Co., Waynesboro, Pa.
- U-NO metal polish—Grady Mfg. Co., Ely av., Brooklyn, N. Y.
- UNO metal polish—Uno Mfg. Co., 6433 E. Ravenswood Pk, Chicago, Ill.
- UNO shade holders—Bryant Electric Co., Bridgeport, Conn.
- UNO ventilators—Uno Ventilator Co., Newton, N. H.
- UNTER-URBAN spittoons—Indiana Hollow Ware Co., Jeffersonville, Ind.
- UNXLD bicycles—Motor Car Supply Co., 1453 Michigan av., Chicago, Ill.
- UNXLD carbon paper, typewriter ribbons—E. A. Brecher & Co., 119 Lafayette, New York
- UPRESSIT bottle caps—U. S. Metal Cap & Seal Co., 107 W. 13th, New York
- UPSON wall boards—Upson Co., Lockport, N. Y.
- UPSON'S window blind adjusters—H. B. Ives Co., New Haven, Conn.
- UP TO DATE can openers—Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
- UP-TO-DATE clips—Argus Mfg. Co., 128 S. Honore, Chicago, Ill.
- UP-TO-DATE egg & cream beaters—Parkesburg Stamping & Mfg. Co., Parkesburg, Pa.
- UP-TO-DATE garment hangers—Caldwell Mfg. Co., Rochester, N. Y.
- UP-TO-DATE mechanical dust collectors—Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.
- UP-TO-DATE rat traps—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- UP-TO-DATE stationers' specialties—Ideal Specialties Mfg. Corp., 552 Pearl, New York
- URBAN mail boxes—Introstile Mfg. Co., Marietta, Ohio
- URBAN trolley wheels—W. R. Garton Co., 17 S. Desplains, Chicago, Ill.
- USA-CO. asbestos packing—United States Asbestos Co., Manheim, Pa.
- U-SAV-YOUR polish—U-Sav-Your Mfg. Co., Warren, Mass.
- USE A. clothes washing machines—Fosston Mfg. Co., St Paul, Minn
- U-SEE-US electric drink mixers—Hamilton Beach Mfg. Co., Racine, Wis.
- USEIT water coolers—Consumers' Cooler Co., Michigan City, Ind.
- USEM push buttons—U. S. E. M. Co., 301 W. 37th, New York
- USHER automatic planer stops—Lamb Knitting Machine Co., Chicopee Falls, Mass.
- USONA asphalt roofing, asphalt shingles—Usona Mfg. Co., Aurora, Ill.
- USONA axes—American Axe & Tool Co., Glassport, Pa.
- USUDURIAN packing—Revere Rubber Co., 60 High, Boston, Mass.
- UTAH belting—Boston Woven Hose & Rubber Co., Cambridge, Mass.
- UTAH centre trip adjustable slings—F. E. Myers & Bro., Ashtand, Ohio
- UTE waterproof belting—Smyth-Despard Co., Utica, N. Y.
- UTICA cement—Utica Hydraulic Cement Co., Utica, Ill.
- UTICA chemical fire engines—O. J. Childs Co., Utica, N. Y.
- UTICA end cutting nippers—Utica Drop Forge & Tool Co., Utica, N. Y.
- UTICA fire clay—Utica Fire Brick & Clay Co., Utica, Ill.
- UTICA lawn trimmers—W. B. Parry & Son, 200 Seneca, Utica, N. Y.
- UTILITY army canteens—Hemp & Co., St. Louis, Mo.
- UTILITY auger bits—W. A. Ives Mfg. Co., Wallingford, Conn.
- UTILITY car ventilators, high pressure couplers, thermostats—Railway Utility Co., 721 Fulton, Chicago, Ill.
- UTILITY cockeyes—Frazer & Jones Co., Syracuse, N. Y.
- UTILITY corn poppers—Utility Mfg. Co., Sturgis, Mich.
- UTILITY electric bells—Manhattan Electrical Supply Co., 17 Park pl, New York
- UTILITY folding stools, motorman's seats, elevator seats—C. A. Cook Co., Cambridge, Mass.
- UTILITY gas ranges—Erie Stove & Mfg. Co., Erie, Pa.
- UTILITY hack saw blades & frames—West Haven Mfg. Co., West Haven, Conn.
- UTILITY milling machine vises—Brown Engineering Co., Reading, Pa.
- UTILITY protected automobile heaters, automatic tire pumps, & universal wrenches—Hill Pump Valve Co., Archer av, Canal & 23d, Chicago, Ill.
- UTILITY pump governors, steam separators, damper regulators, exhaust heads, feed water heaters, reducing valves—Standard Steam Specialty Co., 542 W. Broadway, New York
- UTILITY rubber aprons, rubber sheeting—Stern Specialty Co., 40 E. 22nd, New York
- UTILITY sad irons—Hotpoint Electric Heating Co., Ontario, Cal.
- UTILITY soapstone griddles—Hutchins-Kilbourne Co., Buffalo, N. Y.



UTILITY spark plugs—Utility Co., 636 W. 44th, New York  
 UTILITY vises—Easton Tool & Machine Co., Easton, Pa.  
 UTILITY wall boards—Heppes Nelson Roofing Co., 4500 Fillmore, Chicago, Ill.  
 UTILITY water meters—Pittsburgh Meter Co., East Pittsburgh, Pa.

V insulating tape—Revere Rubber Co., 60 High, Boston, Mass.  
 V.-C. emery grinders—Valley City Machine Works, Grand Rapids, Mich.  
 V. F. M. dairy apparatus—Vermont Farm Machine Co., Bellows Falls, Vt.  
 V. K. water motor pumps—Vaile-Kimes Co., Dayton, Ohio  
 V-RAY spark plugs—V-Ray Company, Marshalltown, Ia.  
 V-RAY searchlights, spark plugs—Stewart-Warver Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.  
 V V conduit fittings—V V Fittings Co., Phila., Pa.  
 V. & B. chisels, hammers, ice tongs, pliers, post hole augers, punches, scrapers, swages, wrenches—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.  
 V. & K. gauge cocks, gauges, pumps, steam traps, valves, water motors—Vaile-Kilmes Co., Dayton, Ohio  
 V. & B. GRIP pipe wrenches—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.  
 V. & B. HANDY alligator wrenches—Vaughan & Bushnell Mfg. Co., 2114 Carroll av, Chicago, Ill.  
 V. & O. presses—V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.  
 V. & P. SOLVENT paint & varnish remover—Eber-son Paint Co., 1822 Morgan, St. Louis, Mo.  
 Vac gasoline underground storage self-measuring oil pumps & pumping outfits—Vac Liquid Equipment Co., Cedar Rapids, Ia.  
 VACATION baseballs—Rawlings Mfg. Co., 23rd & Lucas av, St. Louis, Mo.  
 VAC-KLEAN vacuum cleaners—P. & M. Co., 80 E. Jackson blvd, Chicago, Ill.  
 VAC-M lightning arresters—National Electric Specialty Co., Toledo, Ohio  
 VACUNA PORTABLE hand vacuum cleaners—Kent Vacuum Cleaner Co., Rome, N. Y.  
 VACUUM fishing bait—Vacuum Bait Co., North Manchester, Ind.  
 VACUUM CUP pneumatic tires—Pennsylvania Rubber Co., Jeannette, Pa.  
 VACUSTAT air valves—Bishop-Babcock-Becker Co., Cleveland, Ohio  
 VAK-KLEAN vacuum cleaners—Hanlon & Wilson, Wilkesburg, Pa.  
 VAKUM lubricators—Wm. Powell Co., Cincinnati, Ohio  
 VALBESTINE packing—General Asbestos Rubber Co., Charleston, S. C.  
 VALE drawn metal grease cups—Lindholm Metal Stamping Co., Camden, N. J.  
 VALENS acid proof metal—Keystone Bronze Co., Pittsburgh, Pa.  
 VALLEY beet pullers—Donaldson Bros., Mt. Clemens, Mich.  
 VALLEY screw drivers—Union Hardware Co., Torrington, Conn.  
 VALLEY CHIEF cider mills—S. R. White's Mills, Norfolk, Va.  
 VALLEY CITY shoveling & end gate boards—Peoria Drill & Seeder Co., Peoria, Ill.  
 VALSPAR marine varnishes—Valentine & Co., 456 Fourth av, New York  
 VALVELESS sight feed lubricators—J. L. Osgood, Buffalo, N. Y.  
 VALVETITE metallic packing—Akron Metallic Gasket Co., Akron, Ohio  
 VALVOLINE lubricating oils & greases—Valvoline Oil Co., 1761 Eymore Cumville, Cincinnati, Ohio  
 VAN expansion bolts—Van Expansion Bolt Mfg. Co., 105 W. Monroe, Chicago, Ill.  
 VAN razor stoppers—L. A. Carpenter Press Metal Co., Cambridge, Mass.  
 VANADIUM air hammer rivet sets—Geo. F. Marchant Co., 1420 S. Rockwell, Chicago, Ill.  
 VANADIUM high speed twist drills—New Process Twist Drill Co., Taunton, Mass.  
 VANAPHONE talking machines—Garford Mfg. Co., Elyria, Ohio  
 VAN-AR-CO. closet seats—Van Arnham Mfg. Co., Ft. Wayne, Ind.  
 VAN AUKEN duplex hack saw machines—Coats Machine Tool Co., 30 Church, New York

VAN AUKEN pump governors, oil extractors, separators, steam traps, valves, vacuum cleaners—Consolidated Engineering Co., 507 W. Jackson blvd., Chicago, Ill.  
 VANCE blow-off valves, steam traps—Geo. M. Newhall Engng. Co., 1421 Chestnut, Phila., Pa.  
 VANCE steam heaters—Vance Boiler Works, Geneva, N. Y.  
 VANCE steam traps—Vance & Vetter Co., Phipps Power bldg, Pittsburgh, Pa.  
 VANCOUVER row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
 VANDA metallic packing—Vanda Co., 25th & Madison av, New York  
 VANDERBILT brake beams—Buffalo Brake Beam Co., 30 Pine, New York Works, Buffalo, N. Y.  
 VANDERBILT sash balances—E. C. Stearns & Co., Syracuse, N. Y.  
 VAN DEUSEN cake molds, egg & cream beaters, tin measuring cups—Chapman Co., Geneva, N. Y.  
 VANDOR belt punches—Vaughan & Bushnell Mfg. Co., West Haven, Conn.  
 VANDOR chisels—Vlcek Tool Co., 10711 Quincy av, Cleveland, Ohio  
 VAN DORN car ends—Van Dorn Coupler Co., 2325 S. Paulina, Chicago, Ill.  
 VAN DORN metallic lockers, post caps & bases—Van Dorn Iron Works Co., 2685 E. 79th, Cleveland, Ohio  
 VAN DUZEN concrete mixers—Van Duzen-Roys Co., Columbus, Ohio  
 VAN DYKE harrows & pulverizers—Janesville Machine Co., Janesville, Wis.  
 VANGUARD automobile wind shields—Vanguard Mfg. Co., Conant rd & G. T. R. R., Hamtramck, Detroit, Mich.  
 VAN GUARD oil cups—Wm. Powell Co., Cincinnati, Ohio  
 VAN HOUTEN dough dividing machines—Dutchess Tool Co., Fishkill-on-Hudson, N. Y.  
 VANITIE electric portables—Aladdin Co., 90 Broadway, New York  
 VANITY polish—Vanity Mfg. Co., 565 Washington, Buffalo, N. Y.  
 VAN NORMAN internal grinders—Van Norman Machine Tool Co., Springfield, Mass.  
 VAN O. W., cutting dies—L. A. Carpenter Press Metal Co., Cambridge, Mass.  
 VAN SANDS blind fasteners—John Auer, Jr., 197 Middleton, Brooklyn, N. Y.  
 VAN-SEN carbon paper, typewriter ribbons—Type-ribbon Mfg. Co., 732 Sherman, Chicago, Ill.  
 VAN STONE pipe bends & coils—Ballwood Co., 30 Church, New York  
 VAN STONE pipe fittings—Lumsden & Van Stone Co., 69 High, Boston, Mass.  
 VAN VALKENBURG'S pen clips, water filters—L. D. Van Valkenburg, Holvoke, Mass.  
 VAN WIE pressure regulators—J. H. D. Chamberlain Co., Springfield, Mass.  
 VAPOR system car heating apparatus—Chicago Car Heating Co., 80 E. Jackson blvd., Chicago, Ill.  
 VAPORITED packing—A. W. Chesterton Co., 64 India, Boston, Mass.  
 VARLEY duplex electro magnets—Acme Wire Co., New Haven, Conn.  
 VARNAM ox bow pins—O. C. Sawyer, Sharon, Vt.  
 VAR-NI-GO paint & varnish remover—A. S. Boyle & Co., 1934 Dana av, Cincinnati, Ohio  
 VARNISHEEN furniture polish—Puritan Soap Co., Rochester, N. Y.  
 VARNOL metal polish—Frank J. Le Doyen Co., 827 Mangold, Baltimore, Md.  
 VARNOLIN varnish—Armstrong Paint & Varnish Works, 2522 S. Paulina, Chicago, Ill.  
 VASCO CHOICE carbon tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASCO ELECTRIC alloy tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASCO LATROBE alloy tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASCO MARVEL semi-high speed steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASCO-NON-SHRINKABLE carbon tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASCO SPECIAL alloy tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASCO VANADIUM carbon tool steel—Vanadium Alloys Steel Co., 1st av & Ross, Pittsburgh, Pa.  
 VASELINE petrolatum—Chesebrough Mfg. Co., 17 State, New York  
 VASSAR steam heaters—J. H. McLain Co., Canton, Ohio  
 VASSAR steam heaters—Reading Stove Works, Reading, Pa.



- VATUDRI rust preventives—American Rust Proof Co., 30 Church, New York
- VAUGHAN anti-rail creepers, rail anchors—Q. & C. Co., 90 West, New York
- VAUGHAN leather gauges—Turner & Tanning Machinery Co., Peabody, Mass.
- VAUGHAN rail anchors, guard rail clamps—American Guard Rail Fastener Co., Real Estate Trust bldg., Phila., Pa.
- VAUGHAN'S never chip bottle openers—Crown Throat & Opener Co., 711 Fulton, Chicago, Ill.
- VAUGHN post hole augers—Iwan Bros., South Bend, Ind.
- VAUGHN post hole augers—Seymour Mfg. Co., Seymour, Ind.
- VECO sweaters—Morgan Knitting Mills, 457 18th av, Newark, N. J.
- VEEDER cyclometers, speed indicators, tachometer—Veeder Mfg. Co., Hartford, Conn.
- VEHISOTE artificial leathers—Pantasote Co., 11 Broadway, New York
- VELAP belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.
- VELLUMOID packing—Newton Mfg. Co., Worcester, Mass.
- VELOCITY belting—Olmstead-Flint Co., 32 Water, Lawrence, Mass.
- VELOCITY lubricating oils & greases—G. W. Gallaway, 322 Pearl, New York
- VELOX tool steel—F. R. Phillips & Sons Co., Penna. bldg., Phila., Pa.
- VELOX addressing & mailing machines—Velox Mfg. Co., 29 Broadway, New York
- VELOX dry plates—Eastman Kodak Co., Rochester, N. Y.
- VELOX grindstones, sickel grinders—Richards-Wilcox Mfg. Co., Aurora, Ill.
- VELOX metal polish—Manufacturers' Supplies Co., Juniper & Cherry, Phila., Pa.
- VELOX phosphor bronze—A. Gilbert & Sons Brass Fdry. Co., 4019 Forest Pk. bldg., St. Louis, Mo.
- VELVAPARA insulating compounds—W. R. Garton Co., 17 S. Desplaines, Chicago, Ill.
- VELVET babbitt metal—Cleveland Alloys Co., Elm & Superior, Cleveland, Ohio
- VELVET belting—W. T. Shackley & Son Co., 49 High, Boston, Mass.
- VELVET braided hose, air drill hose, chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.
- VELVET lead pencils—American Lead Pencil Co., 220 5th av, New York
- VELVET rubber tile, interlocking mats—W. H. Salisbury & Co., Chicago, Ill.
- VELVET THREAD roller skates—Chicago Roller Skate Co., 224 N. Ada, Chicago, Ill.
- VELVET BLACKING core compounds—Smith Facing & Supply Co., Columbia bldg, Cleveland, Ohio
- VELVETILE sanitary flooring—American Magnesia Products Co., 600 W. Austin av, Chicago, Ill.
- VELVETINE lubricating oils & greases—Climax Refining Co., Cleveland, Ohio
- VELVEX shingle stains—Barrett Co., 17 Battery pl, New York
- VENEER wall ties—American Rolling Mill Co., Middletown, Ohio
- VENO bathing caps, rubber gloves—Star Rubber Co., Akron, Ohio
- VENTILATOR sash locks—Technology Sales Co., 32 Union sq. New York
- VENTILITE fixtures for nitrogen filled lamps—Herwig Art Shade & Lamp Co., 2140 N. Halsted, Chicago, Ill.
- VENTIPLEX horse collar pads—Burlington Blanket Co., Burlington, Wis.
- VENTNOR lawn mowers—Chadborn & Coldwell Co., Newburgh, N. Y.
- VENTO heaters—American Radiator Co., 820 S. Michigan av, Chicago, Ill.
- VENTURA electric disc fans—American Blower Co., 1412 Russell, Detroit, Mich.
- VENTURI chemical feed & rate controllers, water waste detectors, loss gauges, & air, brine, chemical solutions, & sewage meters—Builders Iron Foundry, 9 Coddington, Providence, R. I.
- VENTURI steam condensers—Howes & Phillips Iron Works, 8 Orange, Newark, N. J.
- VENUS electric car headlights—Dayton Mfg. Co., Dayton, Ohio
- VENUS electric sad irons—Phelps Mfg. Co., Detroit, Mich.
- VENUS lamp burners—Edw. Miller & Co., Meriden, Conn.
- VENUS lead pencils—American Lead Pencil Co., 220 5th av, New York
- VENUS radical gas heaters—Lawson Mfg. Co., Homestead, Pa.
- VERI-BEST air drill hose—Cleveland Pneumatic Tool Co., 6410 Hawthorne av, Cleveland, Ohio
- VERIBEST asphalt shingles, rubber roofing—McHenry-Millhouse Mfg. Co., South Bend, Ind.
- VERIBEST V-crimp roofing—Delphos Mfg. Co., Delphos, Ohio
- VERILIFE medical batteries—Knapp Elec. & Novelty Co., 511 W. 51st, New York
- VERMINGO disinfectants—Worrell Mfg. Co., 212 N. Main, St. Louis, Mo.
- VERMONT churns—Vermont Farm Machine Co., Bellows Falls, Vt.
- VERMONT WHITE granite—Woodbury Granite Co., Hardwick, Vt.
- VERMOSITE spar varnishes—Devoe & Reynolds Co., 101 Fulton, New York
- VERNON cotton hose—Mechanical Rubber Co., 73 Reade, New York
- VERONA lock-nuts & washers—Verona Tool Works, Oliver bldg., Pittsburgh, Pa.
- VERONA lock washers—Riverside Steel Spring Co., Riverside, N. J.
- VERONA seamless poles—Valley Forging Co., Verona, Pa.
- VEROSENSE finish wood stains—Armstrong Paint & Varnish Works, 2532 S. Paulina, Chicago, Ill.
- VERSCHOYLE pocket transits—Taylor Instrument Companies, Rochester, N. Y.
- VERSIES flexible conduits—Protectus Paint Co., N. Amer. bldg., Phila., Pa.
- VERTASCOPE pole measuring instruments—United Electric Supply Co., Marion, Ohio
- VERYBEST bicycle & sewing machine oils—National Cement & Rubber Co., Toledo, Ohio
- VERYBEST loose leaf devices—Plew & Motter Co., 1200 W. Monroe, Chicago, Ill.
- VERY BEST lug straps—E. H. Jacob Mfg. Co., Danielson, Conn.
- VESTA automobile lamps, headlights, magneto generators, storage batteries, rheostats—Vesta Accumulator Co., 1696 Broadway, New York
- VESTA stoves & ranges—Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.
- VESTAL sunshine steam & hot water heaters—Reading Scale & Machine Co., Reading, Pa.
- VESUVIUS melting furnaces—W. P. Davis Machine Co., Rochester, N. Y.
- VESUVIUS packing—Squires & Byrne Rubber Co., San Francisco, Cal.
- VESUVIUS pyrites burners—Valley Iron Works Co., Appleton, Wis.
- VESUVIUS spark plugs—A. R. Mosler & Co., Mt. Vernon, N. Y.
- VESUVIUS steam traps—Vaile-Kimes Co., Dayton, Ohio
- VETTER medical batteries—Stanley & Patterson, 23 Murray, New York
- VIBRO-LIFE massage vibrators—Eureka Vibrator Co., 131 W. 42nd, New York
- VIBROSIMPLEX massage vibrators—Universal Novelty Co., 1193 Broadway, New York
- VICHEK bricklayers' chisels, pavers' dressing hatchets, riveting hammers—Vichek Tool Co., 10711 Quincy av, Cleveland, Ohio
- VICTOR air tight heaters—A. Geisel Mfg. Co., 219 So. 2nd, St. Louis, Mo.
- VICTOR air valves—Geo. M. Davis Regulator Co., 422 Milwaukee av, Chicago, Ill.
- VICTOR ale pumps—Victor Electric Co., 236 S. Robbey, Chicago, Ill.
- VICTOR ammeters & voltmeters—H. W. Johns-Manville Co., Madison av & 41st, New York
- VICTOR animal pokes—Hughes & Smythe, Galena, Ohio
- VICTOR animal traps—Oneida Community (Ltd.), Oneida, N. Y.
- VICTOR barrows—Frank R. Prescott, Meredith, N. H.
- VICTOR batteries—Waterbury Battery Co., Waterbury, Conn.
- VICTOR belt dressing—Eagle Oil & Supply Co., 45 India, Boston, Mass.
- VICTOR belt lacing—Missouri Belting Co., Grand & La Salle, St. Louis, Mo.
- VICTOR belt lacing, belt cements—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
- VICTOR blasting fuse—E. I. du Pont de Nemours Powder Co., Wilmington, Del.
- VICTOR boiler compounds—Chas. Nuhring & Bro., 212 Walnut, Cincinnati, Ohio
- VICTOR bolt clippers—Roberts Mfg. Co., Somerville, Mass.
- VICTOR bottle stoppers—Taplin Mfg. Co., New Britain, Conn.
- VICTOR capstans—Wilcox, Crittenden & Co., Middletown, Conn.



VICTOR car movers—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.  
 VICTOR casters—Foster, Merriam & Co., Meriden, Conn.  
 VICTOR chisels, nail pullers, pliers & nippers, chain tongs, tool sets, wrenches—Bonner Tool Co., Champaign, Ill.  
 VICTOR corn planters—Ohio Rake Co., Dayton, Ohio  
 VICTOR corn shellers—Barnard & Leas Mfg. Co., Moline, Ill.  
 VICTOR cotton planters—Kingman Plow Co., Peoria, Ill.  
 VICTOR creamery churns—Oakes & Burger Co., Cattaraugus, N. Y.  
 VICTOR cultivators—American Fork & Hoe Co., Cleveland, Ohio  
 VICTOR cultivators—Hayes Pump & Planter Co., Galva, Ill.  
 VICTOR desk telephone brackets—Stanley & Patterson, 23 Murray, New York  
 VICTOR door hangers, elevator safety devices, fire door fittings, fire tin clad doors—Victor Mfg. Co., Newburyport, Mass.  
 VICTOR door hangers, grindstones—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 VICTOR electric bells—Electric Goods Mfg. Co., Canton, Mass.  
 VICTOR ensilage cutters—Foster & Williams Mfg. Co., Racine, Wis.  
 VICTOR faucet cans—Sexton Can Co., 228 Franklin, Boston, Mass.  
 VICTOR feed cookers—Kelly Foundry & Machine Co., Goshen, Ind.  
 VICTOR feed cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 VICTOR feed water heaters—Wm. Allen Sons Co., Worcester, Mass.  
 VICTOR flour sieves—National Mfg. Co., Worcester, Mass.  
 VICTOR garden barrows—Kilbourne & Jacobs Mfg. Co., Columbus, Ohio  
 VICTOR garden rakes—Cronk & Carrier Mfg. Co., Elmira, N. Y.  
 VICTOR garment hangers—Seed Filler & Mfg. Co., 96 Church, New York  
 VICTOR garment hangers—Taplin Mfg. Co., New Britain, Conn.  
 VICTOR gauge cocks—McRae & Roberts Co., 227 Campbell av, Detroit, Mich.  
 VICTOR grass catchers—R. F. Krause, Zion City, Ill.  
 VICTOR hack-power saws—Sweet & Doyle, Cohoes, N. Y.  
 VICTOR hack saw blades & frames—Lutz File Co., 806 Broadway, Cincinnati, Ohio  
 VICTOR hack saw blades & frames, nail sets—Massachusetts Saw Works, Springfield, Mass.  
 VICTOR hack saw machines—Strong, Carlisle & Hammond Co., 336 Frankfort av, N. W., Cleveland, Ohio  
 VICTOR ham presses—Wolf, Sayer & Heller, Fulton & Peoria, Chicago, Ill.  
 VICTOR hay carriers—Louden Machinery Co., Fairfield, Ia.  
 VICTOR hay presses—Geo. Ertel Co., Quincy, Ill.  
 VICTOR heel plates—Louis Sacks, Hamburg pl, Newark, N. J.  
 VICTOR horse brushes—Jos. Lay Co., Ridgeville, Ind.  
 VICTOR hot air furnaces—Corning Mfg. Co., Corning, N. Y.  
 VICTOR ice creepers—Philip Rapp, Reading, Pa.  
 VICTOR inkstands & wells—Weeks-Numan Co., 81 Fulton, New York  
 VICTOR insulators—Locke Insulator Mfg. Co., Victor, N. Y.  
 VICTOR lamp burners—Edw. Miller & Co., Meriden, Conn.  
 VICTOR lawn clothes dryers—R. W. Robinson Co., Worcester, Mass.  
 VICTOR lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
 VICTOR lawn mowers—S. P. Townsend & Co., Orange, N. J.  
 VICTOR lemon squeezers, magnetic tack hammers—Taplin Mfg. Co., New Britain, Conn.  
 VICTOR mitre boxes—J. C. McCarty & Co., 29 Murray, New York  
 VICTOR mouse & rat & animal traps—Oneida Community, Ltd., Oneida, N. Y.  
 VICTOR night latches—Huber Mfg. Co., 417 E. 93d, New York  
 VICTOR oil cups, valves—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 VICTOR packing, hose—Bowers Rubber Works, San Francisco, Cal.  
 VICTOR packing—General Asbestos Rubber Co., Charleston, S. C.

VICTOR packing—Mulconroy Co., 54th & Jefferson, Philadelphia, Pa.  
 VICTOR positive pressure blowers—Connersville Blower Co., Connersville, Ind.  
 VICTOR pressure regulators—Standard Regulator Co., 90 West, New York  
 VICTOR projectors—Victor Animatograph Co., Davenport, Ia.  
 VICTOR punches & shears—Armstrong Mfg. Co., Waterloo, Ia.  
 VICTOR railway track drills—Isaac G. Johnson & Co., Spuyten Duyvil, New York  
 VICTOR red oils—Manufacturers Paraffine Co., Chester, Pa.  
 VICTOR reducing wheels—Jas. L. Robertson & Son, 78 Murray, New York  
 VICTOR ring travelers—Victor Shaw Ring Traveler Co., 23 Sabin, Providence, R. I.  
 VICTOR rubber horse shoe pads, solid tires—Victor Rubber Co., Springfield, Ohio  
 VICTOR rules, mitre boxes—Stanley Rule & Level Co., New Britain, Conn.  
 VICTOR saw gummers—Henry Disston & Sons, Tacony, Phila., Pa.  
 VICTOR saw swages—E. C. Atkins & Co., Indianapolis, Ind.  
 VICTOR scales—Fairbanks, Morse & Co., 900 S. Wabash av, Chicago, Ill.  
 VICTOR scroll sawing machines—Seneca Falls Mfg. Co., Seneca Falls, N. Y.  
 VICTOR shade cloth—Western Shade Cloth Co., 21st & Jefferson, Chicago, Ill.  
 VICTOR sheepskin wheels—E. Reed Burns, 27 Jackson, Brooklyn, N. Y.  
 VICTOR spark plugs—Beckley-Ralston Co., 1801 S. Michigan av, Chicago, Ill.  
 VICTOR spark plugs—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 VICTOR steam separators—Steam Appliance Co., Milwaukee, Wis.  
 VICTOR steam shovels—Toledo Foundry & Machine Co., Toledo, Ohio  
 VICTOR steam traps—Wright Mfg. Co., Detroit, Mich.  
 VICTOR storage batteries—Milwaukee Auto Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 VICTOR tire air pumps—Judd & Leland Mfg. Co., Clifton Springs, N. Y.  
 VICTOR track brooms & brushes, window brushes—Jos. Lay Co., Ridgeville, Ind.  
 VICTOR turbine drills—Smith Drill & Machinery Co., Chattanooga, Tenn.  
 VICTOR vacuum cleaners—Hugro Mfg. Co., 327 S. La Salle, Chicago, Ill.  
 VICTOR vises—Chas. Parker Co., Meriden, Conn.  
 VICTOR wagon buffers—Indianapolis Bolster Spring Co., 326 W. Georgia, Indianapolis, Ind.  
 VICTOR wagon jacks—Covert Saddlery Works, Interlaken, N. Y.  
 VICTOR wagon jacks—Fernald Mfg. Co., North East, Pa.  
 VICTOR water closets—Pierce, Butler & Pierce Mfg. Corp., Syracuse, N. Y.  
 VICTOR water heaters—S. V. Reeves, 45 N. 2d, Phila., Pa.  
 VICTOR water wheels—Platt Iron Works Co., Dayton, Ohio  
 VICTOR well buckets—Richmond Cedar Works, Richmond, Va.  
 VICTOR wire fences—Dwiggins Wire Fence Co., Anderson, Ind.  
 VICTOR wrenches—Bonner Tool Co., Champaign, Ill.  
 VICTOR wrenches—Kraeuter & Co., 583 18th av, Newark, N. J.  
 VICTOR BALATA belting, pump valves, lug & shuttle straps—Victor-Balata & Textile Belting Co., 38 Murray, New York  
 VICTOR GRAND fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 VICTORIA copying presses—Regina Co., 47 W. 34th, New York  
 VICTORIA fruit & vegetable parers—Imperial Machine Co., 401 11th av, New York  
 VICTORIA Keene's cement—Clifford L. Miller & Co., 110 E. 23rd, New York  
 VICTORIA liquid soap—F. S. Walton Co., Orthodox & Del., Philadelphia, Pa.  
 VICTORIA paris white—H. F. Taintor Mfg. Co., 2 Rector, New York  
 VICTORIA reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York  
 VICTORIA row-locks—Wilcox, Crittenden & Co., Middletown, Conn.  
 VICTORIA venetian blinds, window screens—Bostwick-Goodell, Norwalk, Ohio  
 VICTORY axes—Dunn Edge Tool Co., Oakland, Ohio  
 VICTORY cow milking machines—Starch Bros. Co., La Crosse, Wis.



VICTORY lubricating oils & greases—Wm. P. Miller Co., 2316 S. Wabash av, Chicago, Ill.  
 VICTORY tool steel—Hy. Rossell, 24 S. Jefferson, Chicago, Ill.  
 VICTORY varnish—Nubian Paint & Varnish Co., 1856 Leclair av, Chicago, Ill.  
 VICTROLINE automobile & furniture polish—Victroline Co., 39 Pearl, Boston, Mass.  
 VIDNET brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio  
 VIENNA bakers' oven doors—Chas. Robson & Co., 8th & Washington av, Philadelphia, Pa.  
 VIENNA MOIRE blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.  
 VIGILANT electric bells—Edwards & Co., 140th & Exterior, New York  
 VIGILANT feed water regulators—Chaplin-Fulton Mfg. Co., Pittsburgh, Pa.  
 VIGILANT safety water columns—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 VIGO belting & hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 VIKING babbitt metal—Thos. F. Lukens Metal Co., 238 N. 4th, Philadelphia, Pa.  
 VIKING belting—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.  
 VIKING cooking stoves—Odin Stove Mfg. Co., Erie, Pa.  
 VIKING lubricators—Wm. Powell Co., Cincinnati, Ohio  
 VIKING packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 VIKING shears—Viking Shear Co., Erie, Pa.  
 VIKING shears—Whitney Metal Tool Co., Rockford, Ill.  
 VIKING transformers—Viking Electric Co., 152 Chambers, New York  
 VIKO aluminum hollow ware—Aluminum Sales & Mfg. Co., 483 Broadway, New York  
 VILLAGE blacksmith cutlery—Washington Cutlery Co., Watertown, Wis.  
 VILVCO sand & gravel heaters & dyers—Harry Vissering & Co., 14 E. Jackson blvd., Chicago, Ill.  
 VIM bronze metal bearings—Bronze Metal Co., 30 Church, New York  
 VIM clothes washing machines—Blackstone Mfg. Co., Jamestown, N. Y.  
 VIM engines—Ames Iron Works, Oswego, N. Y.  
 VIM gas igniters, spark plugs—K-W Ignition Co., Cleveland, Ohio  
 VIM mechanical leather goods—E. F. Houghton & Co., 240 W. Somerset, Philadelphia, Pa.  
 VIM rubber hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 VINCENT belting—L. H. Gilmer Co., Tacony, Philadelphia, Pa.  
 VINEYARD gang plows—Parlin & Orendorff Co., Canton, Ill.  
 VIRGINIA oil cans—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.  
 VIRTUE air pumps—Brown Co., Syracuse, N. Y.  
 VIRUCO packing—Victor Rubber Co., Springfield, Ohio  
 VISCOL belt dressing—Viscol Co., Cambridge, Mass.  
 VISCOS lubricating oils & greases—Nat'l Oil & Sup. Co., 180 Frelinghuysen av, Newark, N. J.  
 VISE CLIP paper clips—H. C. Cook Co., 100-120 Jewett, Ansonia, Conn.  
 VISMERA rust resisting iron—Inland Steel Co., First Nat'l Bank bldg., Chicago, Ill.  
 VITAL spark plugs, vacuum cleaners—Bigby-Rotary Mfg. Co., 7500 Quincy av., Cleveland, O.  
 VITALIC rubber tires, inner automobile tubes, bicycle & motor cycle pedals, motorcycle grips—Continental Rubber Works, Erie, Pa.  
 VITEOSIL pyrometer tubes—Thermal Syndicate (Ltd.), 50 E. 41st, New York  
 VITIO closet seats—James M. Teahen, Detroit, Mich.  
 VITRALITE enamels—Pratt & Lambert, Buffalo, N. Y.  
 VITRAWITE enamels—Flood & Conklin Co., 132 Chestnut, Newark, N. J.  
 VITRAY brass engine lubricators—Wm. Powell Co., Cincinnati, Ohio  
 VITREO lavatories & fittings—Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.  
 VITREOSIL laboratory apparatus & supplies—Thermal Syndicate (Ltd.), 50 E. 41st, New York  
 VITRIFIX floor hardener—Vitrifix Co., 133 W. Washington, Chicago, Ill.  
 VITRO water closets, water closet tanks—James M. Teahen, Detroit, Mich.  
 VITROLAC varnishes—Harrisons, Inc., 35th & Grays Ferry rd, Philadelphia, Pa.  
 VIVIAN rate controllers—Norwood Engineering Co., Florence, Mass.

VIXEN tools—Vixen Tool Co., 5007 Lancaster av, Philadelphia, Pa.  
 VIXEN wrenches—Bonney Vise & Tool Works, Allentown, Pa.  
 VIZOR self closing oilers—Brown Spring Oiler Co., 6911 Carnegie av, S. E., Cleveland, Ohio  
 VLCEK tools—Vlcek Tool Co., 10722 Quincy av, Cleveland, Ohio  
 VOGEL ground connection clamps—Fairmount Elec. & Mfg. Co., 59th & Woodland av, Phila., Pa.  
 VOGT water tube boilers—Henry Vogt Machine Co., Louisville, Ky.  
 VOGUE wall paper—Allen Higgins Paper Co., Worcester, Mass.  
 VOIGTMANN'S fire-proof windows—S. H. Pomeroy Co., 282 E. 134th, New York  
 VOLBRATH sinks & trays—Volbrath Co., Sheboygan, Wis.  
 VOLCANIC kitchen enameled ware—Cleveland Stamping Tool Co., Cleveland, Ohio  
 VOLCANO car stoves—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 VOLCANO spark plugs—Volcano Spark Plug Co., Ashland, Ohio  
 VOLCANO steam heaters, water tube heaters—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.  
 VOLGER marking inks—B. C. Volger Mfg. Co., Passaic, N. J.  
 VOL-KA-NO paint—Black Diamond Mfg. Co., 1219 Bank, Cincinnati, Ohio  
 VOLKI metal polish—Brewer & Co., Worcester, Mass.  
 VOLLANS electric welding machines—Detroit Electric Welder Co., 255 Lafayette av, Detroit, Mich.  
 VOLLER automobile horns—Post & Lester Co., Hartford, Conn.  
 VOLLRATH kitchen enameled ware—Vollrath Co., Sheboygan, Wis.  
 VOLT belting—Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.  
 VOLTA storage battery igniter—Witherbee Igniter Co., 1904 Broadway, New York  
 VOLTAX magnet wire, non-rubber insulating compounds—Electric Cable Co., 10 W. 43d, New York  
 VOLTZ automobile wind shields—Limousine-Carriage Mfg. Co., 3515 S. Michigan av, Chicago, Ill.  
 VOLUNTEER lubricators—Nathan Mfg. Co., 416 E. 106th, New York  
 VOLUNTEER steam heaters—Wm. H. Page Boiler Co., 141 W. 36th, New York  
 VOLUNTEER steel ranges—Tenn. Stove Co., Chattanooga, Tenn.  
 VON BODEN ingles fuel oil burners—Sullivan Edward S. Co., Monad bldg, San Francisco, Cal.  
 VON DUPRIN emergency exit door locks—Vonnegut Hardware Co., Indianapolis, Ind.  
 VORITE rubber substitutes—Pierce Co., East Rochester, N. Y.  
 VORTEX carbureters—Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.  
 VORTEX centrifugal pumps—Lawrence Pump & Engine Co., Lawrence, Mass.  
 VORTEX dish washing machines—Hamilton-Low Co., 145 E. 42nd, New York  
 VOSBERG floor & ceiling plates—N. O. Nelson Mfg. Co., 10th & Chestnut, St. Louis, Mo.  
 VOSPER pipe cutters—Toledo Pipe Threading Machine Co., 131 Superior, Toledo, Ohio  
 VOSS water motor washing machines—Voss Bros. Mfg. Co., Davenport, Ia.  
 VOYNOW pole repair sleeves—Wm. D. Gherky, Heed bldg., Philadelphia, Pa.  
 VRANE BRAND pocket knives—Max Klaas, 298 Broadway, New York  
 VROOMAN'S sink strainers—Andrews Wire & Iron Works, Rockford, Ill.  
 VUDOR porch shades—Hough Shade Corporation, Janesville, Wis.  
 VULCABESTON packing, insulating compounds—Johns-Pratt Co., Hartford, Conn.  
 VULCABESTON packing, insulating compounds, insulating washers—H. W. Johns-Manville Co., Madison av & 41st, New York  
 VULCAFIBRON packing—C. W. Trainer Mfg. Co., 55 High, Boston, Mass.  
 VULCAN anvils, tire & axle shrinkers—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 VULCAN babbitt metal—North American Smelting Co., 9th & Thompson, Philadelphia, Pa.  
 VULCAN belt dressing—Goodyear Rubber Hose & Packing Co., 221 Chestnut, Philadelphia, Pa.  
 VULCAN coat & hat hooks—Morgan Spring Co., Worcester, Mass.  
 VULCAN coat & hat hooks—Parker Wire Goods Co., Worcester, Mass.



- VULCAN coffee percolators, soldering irons, wax melters—Vulcan Electric Heater Co., Buffalo, N. Y.
- VULCAN compressed air locomotives, power hammers—Vulcan Iron Works, Mason City, Ia.
- VULCAN fire alarm signal boxes—J. H. Bunnell Co., 32 Park pl, New York
- VULCAN fire extinguishers—Knight & Thomas, 212 Summer, Boston, Mass.
- VULCAN foot power hammers—Vulcan Iron Works Co., Mason City, Ia.
- VULCAN gas engines—Vulcan Engine Works, 1727 Ludlow, Philadelphia, Pa.
- VULCAN gas soldering furnaces, sad irons, waffle irons, melting pots, heaters, ranges, cast iron griddles & gas logs—W. M. Crane Co., 16 W. 32d, New York
- VULCAN gasoline blow torches—Otto Bernz, 21 Ashland av, Newark, N. J.
- VULCAN gasoline blow torches—Bridgeport Brass Co., Bridgeport, Conn.
- VULCAN hand forks—Pratt Fork & Hoe Corp., Frankfort, N. Y.
- VULCAN horse nails—Fowler Nail Co., Seymour, Conn.
- VULCAN hose, packing—Empire Tire & Rubber Corp., East Trenton, N. J.
- VULCAN iron—Lockhart Iron & Steel Co., Pittsburgh, Pa.
- VULCAN linen ledger paper—Carew Mfg. Co., S. Hadley Falls, Mass.
- VULCAN lubricators—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio
- VULCAN packing—New York Belting & Packing Co., 91 Chambers, New York
- VULCAN packings—Vulcan Asbestos Mfg. Co., W. North av., Westfield, N. J.
- VULCAN pipe vises—Hilts Wrench & Mfg. Co., Richford, N. Y.
- VULCAN pipe vises, lathe dogs, machinists' clamps, wrenches—J. H. Williams & Co., 150 Hamilton av, Brooklyn, N. Y.
- VULCAN roving cans—Jas. Hill Mfg. Co., 52 Westfield, Providence, R. I.
- VULCAN screw drivers—Clement Mfg. Co., Northampton, Mass.
- VULCAN shears—Merwin Mfg. Co., Erie, Pa.
- VULCAN shears, punching machines, bulldozer machines—Vulcan Engineering Sales Co., 2059 Elston av, Chicago, Ill.
- VULCAN spelter, brass ingots—Vulcan Louisville Smelting Co., 208 S. La Salle, Chicago, Ill.
- VULCAN steam shovels—Bucyrus Co., South Milwaukee, Wis.
- VULCAN tube cleaners—G. L. Simonds & Co., 230 S. La Salle, Chicago, Ill.
- VULCANITE asphalt mastic—Barber Asphalt Paving Co., Land Title bldg., Philadelphia, Pa.
- VULCANITE asphalt paints, roofing, shingles—Patent Vulcanite Roofing Co., 2500 Ogden av, Chicago, Ill.
- VULCANITE cement—Vulcanite Portland Cement Co., Land Title bldg., Philadelphia, Pa.
- VULCANITE emery wheels—New York Belting & Packing Co., Ltd., 91 Chambers, New York
- VULCANIZED fibre timer rings—Continental Fibre Co., Newark Centre, Del.
- VUL-COT waste paper baskets—American Vulcanized Fibre Co., Equitable bldg., Wilmington, Del.
- W. cotton twine—Estes Mills, Fall River, Mass.
- W. hollow mortising chisels—Star Bit & Tool Co., Rockford, Ill.
- W. wire fences & gates—Wright Wire Co., Worcester, Mass.
- W. A. SHUSTER pavement cleaners—Pittsburgh Shovel Co., Oliver bldg., Pittsburgh, Pa.
- W. A. 30 CAL smokeless rifle—Hercules Powder Co., Wilmington, Del.
- W. B. & C. lenses, watch crystals—Albert Berger & Co., 45 John, New York
- W. C. auto-boat steerers—Wilcox, Crittenden & Co., Middletown, Conn.
- W. C. bell roofing edgers—O. W. Burritt & Bro., Weedsport, N. Y.
- W. C. C. antimony—Wah Chang Mining & Smelting Co., 233 Broadway, New York
- W. D. paint—Dielectric Mfg. Co., 224 S. Vandeventer av, St. Louis, Mo.
- W. D. M. metal face packing—Wasl Packing Co., 304 New, Phila., Pa.
- W. D. W. blacksmiths' nippers—H. D. Smith & Co., Plantsville, Conn.
- W. E. POTHEAD insulating compounds—Western Electric Co., 463 West, New York
- W. E. W. check, cross, gate, relief, snifting & throttle valves—Wm. E. Williams, 62 Front, New York
- W. H. MORLEY & SONS shears & scissors—Adolph Kastor & Bro., 109 Duane, New York
- W. H. & CO. carriage top dressing—Wadsworth-Howland Co., Boston, Mass.
- W. J. switch stands—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
- W-L shingle stains—Woodlife Co., 190 Montague, Brooklyn, N. Y.
- W-M. iceless refrigerators—Metal Barrel Co., Galesburg, Ill.
- W. P. H. packing—Crandall Packing Co., Palmyra, N. Y.
- W. P. S. metallic packing—Western Packing & Supply Co., 231 N 5th av, Chicago, Ill.
- W-S. hydraulic jacks, machinery, presses—Watson-Stillman Co., 38 Church, New York
- W. S. rivet sets, tap borers—P. Lowentroun Mfg. Co., 36 Brenner, Newark, N. J.
- W. U. C. voltage regulators—Portland Co., Portland, Me.
- W. W. belt dressing—Duryea Mfg. Co., 309 Broadway, New York
- W. W. wire poultry netting—Wickwire Bros., Cortland, N. Y.
- W. & B. rubber horseshoe pads—Victor Rubber Co., Springfield, Ohio
- W. & B. tool cases—Wedell & Boers, 157 Jefferson, Detroit, Mich.
- W. & B. wrenches, files, rubber horseshoes—Whitman & Barnes Mfg. Co., Akron, Ohio
- W. & C. wire rope clamps—Wright Wire Co., Worcester, Mass.
- W. & C. MFG. CO. bath & basin plugs—Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
- W. & E. oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.
- W. & H. ROWLAND automobile springs—Wm. & Harvey Rowland, Frankford, Phila., Pa.
- W. & M. telephone wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- W. & McD. blow-off valves, steam separators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
- W. & R. spray pumps—Rochester Spray Pump Co., Rochester, N. Y.
- WABASH cement—Wabash Portland Cement Co., Detroit, Mich.
- WABASH express coaster wagons—Wabash Mfg. Co., Terre Haute, Ind.
- WABASH horse collar pads—Harsh-Miller Mfg. Co., Wabash, Ind.
- WADE & BUTCHERS razors—Adolph Kastor & Bros., 109 Duane, New York
- WADHAMS grease cups—Wadhams Oil & Grease Co., 215 National av, Milwaukee, Wis.
- WADSWORTH kerosene traction engines—Detroit Engine Works, Detroit, Mich.
- WAGAMAN gas engines—Advance Mfg. Co., Hamilton, Ohio
- WAGENHALS electric car headlights—Dayton Mfg. Co., Dayton, Ohio
- WAGGONER fire buckets—Northern Fire Apparatus Co., 2422 University av, S. E. Minneapolis, Minn.
- WAGNER'S children's carriages—E. R. Wagner Mfg. Co., North Milwaukee, Wis.
- WAGNER coffee percolators, spiders—Wagner Mfg. Co., Sidney, Ohio
- WAGNER cold-saw cutting-off machines, metal boring machines—Birdsboro Steel Foundry & Machine Co., Birdsboro, Pa.
- WAGNER door hangers, cupboard catches, fly traps, roof brackets, sash holders, sliding door latches, steering coasters—Wagner Mfg. Co., Cedar Falls, Ia.
- WAGNER induction motors, single phase converters—Wagner Electric Mfg. Co., 6400 Plymouth av, St. Louis, Mo.
- WAGNER sausage stuffers—Silver Mfg. Co., Salem, Ohio
- WAGNER & LOWE hoof parers—Lowe Mfg. Co., Enderlin, N. D.
- WAGNER'S flue stops—Weber & Kirck Mfg. Co., Keokuk, Iowa
- WAIBEL'S pitching machines, rapid branders—Cleveland Brewers' Supply Co., Cleveland, Ohio
- WAINWRIGHT expansion joints, steam condensers—Alberger Pump & Condenser Co., 140 Cedar, New York
- WAINWRIGHT steel bound concrete curb—Steel Protected Concrete Co., Real Estate Trust bldg., Phila., Pa.
- WAITE gasoline traction engines—Waite Tractor Co., Elgin, Ill.
- WAKEFIELD pipe wrenches—Clarence E. Wakefield, Worcester, Mass.



WALCOTT chain warpers—Draper Corp., Hopedale, Mass.  
 WALDA sash weights—Kennedy-Stroh Corp., Pittsburgh, Pa.  
 WALDEN-WORCESTER wrenches—Walden-Worcester, Inc., Worcester, Mass.  
 WALDKIRCHER oscillating force pumps—Lobbe Pump & Machinery Co., 29 Dearborn, Buffalo, N. Y.  
 WALDO ring packing—H. Johnson Co., ft Gates av, Jersey City, N. J.  
 WALDO shade holders—Waldo Co., 45 E. 20th, New York  
 WALDO JR., sanitary drinking fountains—Trenton Potteries Co., Trenton, N. J.  
 WALDRON hot air furnace—Brien Heater Co., Westfield, Mass.  
 WALDS door bumpers—Diehl Novelty Co., Glenbeulah, Wis.  
 WALES adding machines—Adder Machine Co., Wilkes-Barre, Pa.  
 WALHAUPTER rail joints—Rail Joint Co., 185 Madison av, New York  
 WALKER belt fasteners—R. & J. Dick, Passaic, N. J.  
 WALKER coal drills, mine cages, mine tipples—What Cheer Tool Co., What Cheer, Ia.  
 WALKER cold rolled shafting—Walker Mfg. Co., Denver, Colo.  
 WALKER cork pullers, ice picks, ice shavers, lemon squeezers, ice cream dishers—Erie Specialty Co., Erie, Pa.  
 WALKER farm wagons—Geo. S. Cady & Co., Moravia, N. Y.  
 WALKER fire hydrants—Norwood Engineering Co., Florence, Mass.  
 WALKER flexible joints—Crane Co. (Est. 1855), 836 S. Michigan av, Chicago, Ill.  
 WALKER grapple forks—G. A. Swineford Co., Canton, Ohio  
 WALKER hay carriers—Jackson-Byron Iron Works, Berkeley, Cal.  
 WALKER oil & gasoline pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 WALKER steam heaters—Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.  
 WALKER twine holders—Universal Winding Co., Boston, Mass.  
 WALKER'S mane combs—Rubber & Celluloid Harness Trimmings Co., 56 Ferry, Newark, N. J.  
 WALKOVER car seats, chairs & fittings—Hale & Kilburn Co., 1800 Lehigh av, Phila., Pa.  
 WALLABOUT rubber hose—Gutta Percha & Rubber Mfg. Co., 126 Duane, New York  
 WALLACE angle benders, anti-rattlers, car racks, sign holders—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.  
 WALLACE carbureters—Lucas-Wallace Mfg. Co., Paducah, Ky.  
 WALLACE lemon squeezers—A. C. Williams Co., Ravenna, Ohio  
 WALLACE DECK openers—Wallace Supplies Mfg. Co., 412 Orleans, Chicago, Ill.  
 WALLACE'S self-opening dies—Modern Tool Co., 500 State, Erie, Pa.  
 WALLIS gasoline traction engines—Wallis Tractor Co., Racine, Wis.  
 WALL-O wall finish—W. H. Whittaker Co., 250 Front, New York  
 WALLS engineers' oiling sets—P. Wall Mfg. Supply Co., 705 Preble av, N. S. Pittsburgh, Pa.  
 WALLWORKS portable lights—Wells Light Mfg. Co., 154 Chestnut av, Jersey City, N. J.  
 WALRINE leather wheels—Miller & Co., 12 William, Newark, N. J.  
 WALRUS asphalt roofing—Warren Chemical & Mfg. Co., 17 Battery pl, New York  
 WALRUS oil pumps—D. T. Williams Valve Co., Cincinnati, Ohio  
 WALRUS rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.  
 WALSH safety lock snaps—Walsh Safety Lock Snap Co., Bellevue, Ohio  
 WALSH sugar cane carrier feeders—Henry Nadler, Plaquemine, La.  
 WALSH window tents—Cabinet Mfg. Co., Quincy, Ill.  
 WALTER A., Wood reapers—Walter A. Wood, Hoo-sick Falls, N. Y.  
 WALTERS gasoline blow torches—Quadruga Mfg. & Specialty Co., 213 W. Grand av, Chicago, Ill.  
 WALTERS metallic shingles—National Sheet Metal Roofing Co., 339 Grand, Jersey City, N. J.  
 WALTHAM weather vanes—L. W. Cushing & Son, Waltham, Mass.  
 WALTON electric washing machines—Home Washing Machine Co., 33 35th, Brooklyn, N. Y.  
 WALTON tap extractors—Walton Co., Hartford, Conn.

WALWITE water paints—M. Ewing Fox Co., 241 E. 136th, New York  
 WALWORTH genuine stillson pipe wrenches, pipe cutters, pipe vises—Walworth Mfg. Co., Boston, Mass.  
 WAMPUS rubber packing—Cincinnati Rubber Mfg. Co., Cincinnati, Ohio  
 WANDS hand vacuum cleaners—Standard Mfg. Co., Syracuse, N. Y.  
 WANG lubricating oils & greases—Van Tilburg Oil Co., 2424 University av, Minneapolis, Minn.  
 WANIGAS asphalt roofing, roofing paints—Asphalt Roofing Co., Saginaw, Mich.  
 WANTOPAIL collapsible buckets—Pillsbury Mfg. Co., 322 Hennepin av, Minneapolis, Minn.  
 WAPELLO rural mail boxes—C. L. Bettler & Son, Wapello, Ia.  
 WARD chain pumps, double cylinder air pumps—Ward Pump Co., Rockford, Ill.  
 WARD desk telephone brackets, orchestra lamps—McLeod, Ward & Co., 27 Thames, New York  
 WARD gasoline traction engines—Ward Tractor Co., Lincoln, Nebr.  
 WARD safety razors—Ward Safety Razor Co., Blue Island, Ill.  
 WARDEN oil filters—Burt Mfg. Co., 40 Main, Akron, Ohio  
 WARDWELL stone channeling machines—New Albany Mfg. Co., New Albany, Ind.  
 WARING drainage systems—Waring, Chapman & Farquhar, 874 Broadway, New York  
 WARING washing machines—Ed. C. Waring, Huntsville, Mo.  
 WARLIC steam heaters—Warlic Heater Mfg. Co., Frisco bldg., St. Louis, Mo.  
 WARMOTH-HYATT sugar disintegrators—Gibbens & Stream, New Orleans, La.  
 WARNER ammeters & voltmeters—Standard Electric Time Co., Springfield, Mass.  
 WARNER carriage & wagon wheels—P. Lebzelter, Son & Co., Lancaster, Pa.  
 WARNER cultivators—Racine-Sattley Co., Springfield, Ill.  
 WARNER door springs, screen door checks, wire stretchers—Arcade Mfg. Co., Freeport, Ill.  
 WARNER elevators, gasoline engines, pumping engines—Warner Elev. Mfg. Co., Warner, Ill.  
 WARNER hub bands—Eastern Malleable Iron Co., Naugatuck, Conn.  
 WARNER lantern holders—W. C. Ladd, Bristol, Conn.  
 WARNER speedometers, auto meters—Stewart-Warner Speedometer Corp., 1826 Diversey Parkway, Chicago, Ill.  
 WARNER woven wire fences—Warner Fence Co., Ottawa, Kan.  
 WARNOCK pipe vises, pipe wrenches—Warnock Mfg. Co., Worcester, Mass.  
 WARREN feed mangers—Rockford Steel Fixture Co., Rockford, Ill.  
 WARREN hay racks—Harris Mfg. Co., Salem, Ohio  
 WARREN metal polish—Warren Refining & Chemical Co., 9420 Meach av, Cleveland, Ohio  
 WARREN tuyere irons—Illinois Iron & Bolt Co., Carpentersville, Ill.  
 WARREN wire rakes—G. A. Swineford Co., Canton, Ohio  
 WARREN'S pulley covering—Warren Co., Niles, Mich.  
 WARRINER cattle stanchions—W. B. Crumb, Forestville, Conn.  
 WARRINGTON pile drivers' hammers—Vulcan Iron Works, 327 N. Irving av, Chicago, Ill.  
 WARSAW elevators—Warsaw Elevator Co., Warsaw, N. Y.  
 WARWICK dredge chains—Newhall Chain, Forge & Iron Co., 89 West, New York  
 WARWOOD coal mining picks—Warwood Tool Co., Warwood, Wheeling, W. Va.  
 WASCO spark plugs—Washington Auto Supply Co., Washington, Ill.  
 WASHABLE wall finish—Boydell Bros. White Lead & Color Co., Detroit, Mich.  
 WASHASH metal frame window screens—Continental Co., Detroit, Mich.  
 WASHBURN vises—Barbour Stockwell Co., Cambridge, Mass.  
 WASHBURN sliding door latches—National Mfg. Co., Sterling, Ill.  
 WASHBURN'S O. K. paper fasteners—O. K. Mfg. Co., Syracuse, N. Y.  
 WASHINGTON carbonators—S. Twitchell Co., 223 Vine, Phila., Pa.  
 WASHINGTON cement—Washington Portland Cement Co., Concrete, Wash.  
 WASHINGTON gas & oil separators—Petroleum Iron Works Co., Sharon, Pa.  
 WASHINGTON spark plugs—Washington Auto Supply Co., Washington, Ill.



- WASHINGTON stoves—Allen Mfg. Co., Nashville, Tenn.
- WASHINGTON stoves—Gray & Dudley Hardware Co., Nashville, Tenn.
- WASSON piston rings—Wasson Piston Ring Co., Hoboken, N. J.
- WASSON wire reels—Wasson Reel Co., Clinton, Ill.
- WATCH spray pumps—Rumsey Pump Co., Box J, Seneca Falls, N. Y.
- WATCH DOG feed water regulators—L. J. Wing Mfg. Co., 352 W. 13th, New York
- WATCH DOG water meters—Gamon Meter Co., Newark, N. J.
- WATCO red lead—Wm. Waterall & Co., Camden, N. J.
- WATECO waterproofing materials—Waterproof Engineering Co., 1st Nat'l Bank bldg., Chicago, Ill.
- WATER feed water heaters & purifiers, steam separators—Power Plant Specialty Co., Monadnock Bldg., Chicago, Ill.
- WATERBURY emery grinders—Blake & Johnson Co., Waterbury, Conn.
- WATERBURY hydraulic speed gears—Waterbury Tool Co., Waterbury, Conn.
- WATERBURY lawn sprinklers—Noera Mfg. Co., Waterbury, Conn.
- WATERIDE round belting—F. Raniville Co., Grand Rapids, Mich.
- WATER KING waterproof belting—Bay State Belting Co., 605 Atlantic av, Boston, Mass.
- WATERLOO BOY cream separators, cow milking machines, gasoline engine, kerosene tractor, manure spreaders—Waterloo Gasoline Engine Co., 625 Miles, Waterloo, Ia.
- WATERMAN self feeding drills—Handlan-Buck Mfg. Co., 210-14 N. 3rd, St. Louis, Mo.
- WATER NYMPH collars & cuffs—The Arlington Co., 725-727 Broadway, New York
- WATERSEAL roofing cements—Thompson & Co., N. S., Pittsburgh, Pa.
- WATERTIGHT battery holders—Stanley & Patterson, 23 Murray, New York
- WATERTIGHT turbine water wheels—Wm. Bartley & Sons, Bartley, N. J.
- WATERTITE spark coil waterproof boxes—Stanley & Patterson, 23 Murray, New York
- WATERTOWN cylinder cocks, automatic oil valves, water gauges—Watertown Specialty Co., Watertown, N. Y.
- WATER WEIGHT lawn & garden rollers—Dunham Co., Berea, Ohio
- WATER WITCH belting—N. Palmer & Co., Bridgeport, Conn.
- WATERWITCH waterproof belting—Smyth-Despard Co., Utica, N. Y.
- WATRES graphite lubricators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
- WATROUS auger bits—C. E. Jennings & Co., 71 Murray, New York
- WATROUS cocks & bibbs—Federal-Huber Co., 234 N. Halsted, Chicago, Ill.
- WATROUS screen door catches, storm sash hangers—Watrous Acme Mfg. Co., Des Moines, Ia.
- WATROUS urinals & water closets—Imperial Brass Mfg. Co., 524 S. Racine av, Chicago, Ill.
- WATSON automatic barrel fillers, forge blowers, portable forges—Cleveland Steam Gauge Co., 1566 Merwin, N. W., Cleveland, Ohio.
- WATSON clay press cocks—Trenton Brass & Machine Co., Trenton, N. J.
- WASON electric motors, electric disc fans—Mechanical Appliance Co., Milwaukee, Wis.
- WATSON horse cards—L. S. Watson Mfg. Co., Leicester, Mass.
- WATSON packing—M. T. Davidson Co., 43 Keap, Brooklyn, N. Y.
- WATSON potato sprayer pumps—Field Pump Co., Columbus, Ohio
- WATSON pressure regulators—Watson & McDaniel Co., 146 N. 7th, Phila., Pa.
- WATSON roof flanges—Davis-Watson Mfg. Co., Nashua, N. H.
- WATSONITE sanitary flooring—Raecolith Flooring Co., Seattle, Wash.
- WATT gas radiators—Robt. Watt Mfg. Co., 1720 N. 20th, Phila., Pa.
- WATT plows—Call-Watt Co., Richmond, Va.
- WATERS grab buckets—Whiting Foundry Equipment Co., Harvey, Ill.
- WATTS corn shellers—Watts Mfg. Co., Jackson, Mich.
- WATTS oil proof packing—John M. Watts Sons, 54 N. 2nd, Phila., Pa.
- WATTS pressure regulators, speed limit engine stops, steam traps, shaking grates—Watts Regulator Co., Lawrence, Mass.
- WAUGH draft gear—Waugh Draft Gear Co., Peoples Gas bldg., Chicago, Ill.
- WAUGH pneumatic drills—Denver Rock Drill Mfg. Co., Denver, Colo.
- WAUKEGAN barbed wire—American Steel & Wire Co., 208 S. La Salle, Chicago, Ill.
- WAUPUN water motors—Althouse-Wheeler Co., Wau-pun, Wis.
- WAUREGAN rubber hose—National India Rubber Co., Bristol, R. I.
- WAXINE hard wax floor polish—I. H. Wiley Waxine Co., 77 Portland, Boston, Mass.
- WAXIT furniture polish—Van Tilburg Oil Co., Minneapolis, Minn.
- WAXOL carriage top dressing furniture polish—W. W. Reid Mfg. Co., 204 Milk, Boston, Mass.
- WAX-RITE floor polishers—Hamilton-Beach Mfg. Co., Racine, Wis.
- WAXSTUFF cloth lined waterproof wrapping—Insurance Packing Mills, Brockton, Mass.
- WAYAHEAD insulating varnishes—John C. Dolph, 178 Emmett, Newark, N. J.
- WAYCOTT brake beams—Damascus Brake Beam Co., Crosby & Nickel, Cleveland, Ohio
- WAYMAKER automobile horns—Lee Tire & Rubber Co., Conshohocken, Pa.
- WAYNE clothes washing machines, washboards—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.
- WAYNE steel bins—Iron Crib & Bin Co., Wooster, Ohio
- WAY'S smelting outfits—Way's Pocket Smelter Co., South Pasadena, Cal.
- WEAND sprinkler nozzles, rotary screens—Merritt Hydraulic Co., 110 N. Broad, Phila., Pa.
- WEAREBEST typewriter ribbons—Vacuo-Static Carbon Co., Rochester, N. Y.
- WEARETTE varnish—Twin City Varnish Co., St. Paul, Minn.
- WEAR-EVER aluminum hollow ware—Aluminum Cooking Utensil Co., New Kensington, Pa.
- WEAR-PROOF galvanized steel mats—Wear-Proof Mat Co., 500 S. Peoria, Peoria, Ill.
- WEARWELL braided cordage—Silver Lake Co., Newtonville, Mass.
- WEAR WELL packing, gaskets, clutch linings, leather cups, washers—Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
- WEARWELL rubber hose—Boston Belting Co., 84 Linden Park st., Boston, Mass.
- WEAR-WELL REGAL-leather specialties—Detroit Leather Specialty Co., 275 Beecher av, Detroit, Mich.
- WEATHERBEST stained shingles—Transfer Stained Shingle Co., North Tonawanda, N. Y.
- WEATHERED hot water heaters—Weathered Co., Orient & West End av, Jersey City, N. J.
- WEATHERITE elastic cements—Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.
- WEATHERKING umbrellas—Wolfson Bros. Umbrella Co., 392 Broadway, New York
- WEATHERPROOF rural mail boxes—Tharpe Hardware & Mfg. Co., Monroe, N. C.
- WEAVER AUTO-TWIN automobile jacks—Weaver Mfg. Co., Springfield, Ill.
- WEAVER feed water heaters—Jno. O'Brien Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
- WEAVER forcing presses—Weaver Mfg. Co., Springfield, Ill.
- WEBB automobile & wire belts & flexible shafts—Webb Mfg. Co., ft. Centre, Newark, N. J.
- WEBBER fanning mills, grain graders—Hirsch Bros., Milwaukee, Wis.
- WEBER automobile turntables—Weber Cycle & Supply Co., Colorado Springs, Colo.
- WEBER compressed air systems—Weber Subterranean Pump Co., 50 E. 42d, New York
- WEBER enclosed fuses, electric rosettes, incandescent cut-outs, electric lamp sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
- WEBER gas engines, gas producers—American Gas Engine Co., Kansas City, Mo.
- WEBER rail joints—Rail Joint Co., 185 Madison av, New York
- WEBER UNIVERSAL sockets—Henry D. Sears, 80 Boylston, Boston, Mass.
- WEBSTER lamp adjusters, lamp guards—Frank W. Morse, 293 Congress, Boston, Mass.
- WEBSTER pencil sharpeners—F. S. Webster Co., 340 Congregational, Boston, Mass.
- WEBSTER steam separators—Webster, Warren & Co., Camden, N. J.
- WEBSTER-WHITCOMB lathes—American Watch Tool Co., Waltham, Mass.
- WECO electric ovens, hack saw blades—Weco Mfg. Co., 144 Pearl, Boston, Mass.
- WEBBER automobile mufflers, wheel pullers, shock absorbers, valve removing tools—C. F. Weeber Mfg. Co., Albany, N. Y.
- WEED anti-skid chains—American Chain Co., Logan nr. Conn. av, Bridgeport, Conn.



WEEKS fixture clusters—Dale Lighting Fixture Co., 107 W. 13th, New York

WE-FU-GO filtering & purifying systems—Wm. B. Scaife & Sons Co., 221 1st av, Pittsburgh, Pa.

WEHES sweeping compounds—Pioneer Mfg. Co., E. 103rd & Harvard, Cleveland, Ohio

WEIGHTOMETER conveyor scales—Merrick Scale Mfg. Co., 2 Academy, Passaic, N. J.

WEILER jacks—Oliver Mfg. Co., 326 S. Desplaines, Chicago, Ill.

WEIMER blowing engine cylinders, gas stove burners, rolling mill trucks—Weimer Machine Works Co., Lebanon, Pa.

WEINLAND boiler cleaners, cut-off valves—Lagonda Mfg. Co., Springfield, Ohio

WEIS paper clips, postal scales, wood filing cabinets—Weis Mfg. Co., Monroe, Mich.

WEISS speed indicators—Greene, Tweed & Co., 109 Duane, New York

WEISS steam condensers—Southwark Foundry & Machine Co., 430 Washington av, Phila., Pa.

WEITMYER smokeless furnaces—Harrisburg Foundry & Machine Works, Harrisburg, Pa.

WELCO incandescent gas mantles—Welsbach Co., Gloucester City, N. J.

WELD hot water regulators—Geo. A. Weld Co., 79 Milk, Boston, Mass.

WELDAY railway braces—Signal Accessories Co., Utica, N. Y.

WELDCO heaters—Cave Welding & Mfg. Co., Springfield, Mass.

WELDEX tank heaters—Richmond Water Softener Co., Richmond, Ind.

WELDLESS car fender chains—American Chain Co., Bridgeport, Conn.

WELDWELL welding compounds—Westinghouse Electric & Mfg. Co., Pittsburgh, Pa.

WELIN QUADRANT ship davits—Welin Marine Equipment Co., 330 Vernon av, Long Island City, N. Y.

WELLYBY special float valves—Beaton & Cadwell Mfg. Co., New Britain, Conn.

WELLMAN electric car headlights—Dayton Mfg. Co., Dayton, Ohio

WELLMAN melting furnaces, open hearth charging machines—Welman-Seaver & Morgan Co., Cleveland, Ohio

WELLS electric lighting systems—R. C. Wells Mfg. Co., Fond du Lac, Wis.

WELLS emery tool grinders, pipe cutters, pipe threading dies, pipe vises, pipe wrenches, tapping machines—F. E. Wells & Son Co., Greenfield, Mass.

WELLS floor & ceiling plates—Beaton & Corbin Mfg. Co., Southington, Conn.

WELLS multiple punching machines—Frank L. Wells Co., Kenosha, Wis.

WELL'S self-opening dies & die heads—Greenfield Tap & Die Corp'n, Greenfield, Mass.

WELL'S wood filing cabinets—Jos. S. Caldwell, Syracuse, N. Y.

WELSBACH reflex incandescent gas mantles & gas lamps—Welsbach Co., 1098 Filbert, Phila., Pa.

WELSH tile—Wm. H. Revis, 1128 Broadway, New York

WELTY fountain pens—Wm. A. Welty, Waterloo, Ia.

WEMPLINGER interlocking steel piling—Wemlinger Co., South Ferry bldg., New York

WEMOKA solid tires—New Jersey Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.

WENDELL centrifugal dryers—Link-Belt Co., 39th & Stewart av, Chicago, Ill.

WENTWORTH saw vises—Phoenix Hardware Co., Buffalo, N. Y.

WENTWORTH saw vises—Sargent & Co., New Haven, Conn.

WENTWORTH saw vises—E. C. Stearns & Co., Syracuse, N. Y.

WENTZ thermostats—Thomas Yoder Mfg. Co., Cleveland, Ohio

WENZELMANN hay rack clamps—F. E. Myers & Bro., Ashland, Ohio

WEPKO asbestos brake linings—Pruden, W. E. Hardware Co., 864 8th av, New York

WERNICKE flue cutters—James McCrea & Co., 562 W. Washington, Chicago, Ill.

WESCO armature coils, insulating compounds, trolley wheels—Wesco Supply Co., 7th & Clark av, St. Louis, Mo.

WESCO galvanized steel sheets—Western Reserve Steel Co., Warren, Ohio

WESCO kalsomine, oil paints—West Coast Kalsomine Co., West Berkeley, Cal.

WEST hydraulic tire setters—West Tire Setter Co., Rochester, N. Y.

WESTCOTT chucks—Westcott Chuck Co., Oneida, N. Y.

WESTCOTT meters—Metric Metal Works, Erie, Pa.

WESTCOTT pipe wrenches—Keystone Mfg. Co., Buffalo, N. Y.

WESCOTT pipe wrenches—Kilborn & Bishop Co., New Haven, Conn.

WEST END trolley wheels—Albert & J. M. Anderson, Mfg. Co., 289 A, Boston, Mass.

WESTERFIELD gasoline engines—Dice Engine Co., Anderson, Ind.

WESTERN bob sleds, wire stretchers—Western Steel & Iron Works, De Pere, Ill.

WESTERN brake jaws, car doors & fittings, locomotive bell ringers—Western Railway Equipment Co., Central Natl. Bank bldg., St. Louis, Mo.

WESTERN clothes washing machines—American Wooden Ware Mfg. Co., Toledo, Ohio

WESTERN clover bunchers, hay windrowers—Walker Mfg. Co., Council Bluffs, Ia.

WESTERN corn shellers, grain cleaning & grading machinery—Union Iron Works, Inc., 630 E. William, Decatur, Ill.

WESTERN double-acting pumps—M. A. Love Mfg. Co., Rockford, Ill.

WESTERN drag & wheel road scrapers—Western Wheel Scraper Co., Aurora, Ill.

WESTERN dry batteries—Standard Carbon Co., Los Angeles, Cal.

WESTERN dry kilns, exhaust heads, mechanical dust collectors—J. K. Miller Co., Seattle, Wash.

WESTERN equalizers—Harvey Spring & Forging Co., Racine, Wis.

WESTERN laundry stoves—Gray & Dudley Hardware Co., Nashville, Tenn.

WESTERN lawn mowers—Dille & McGuire Co., Richmond, Ind.

WESTERN liquid polish—Western Robe Mills, 24 E. 80th, Chicago, Ill.

WESTERN lubricating valves—Western Lubricating Valve Co., Denver, Colo.

WESTERN oxide of iron—Western Oxide & Specialty Co., 2117 S. Jefferson, Chicago, Ill.

WESTERN pipe hangers—National Tube Co., Frick bldg., Pittsburgh, Pa.

WESTERN sickle grinders—Western Implement Co., Port Washington, Wis.

WESTERN spring tooth harrows, sulky hay rakes—Thomas Mfg. Co., Springfield, Ohio

WESTERN steel wagon skeins—Illinois Iron & Bolt Co., Carpentersville, Ill.

WESTERN sugar cane mills—C. S. Bell Co., Hillsboro, Ohio

WESTERN BELLE riding drills, riding listers—Moline Plow Co., Moline, Ill.

WESTERN BRAND wire poultry netting—Wright Wire Co., Worcester, Mass.

WESTERN CHIEF blacksmiths' tools—Canedy-Otto Mfg. Co., Chicago Heights, Ill.

WESTERN KING hay & corn cutter knives—Wallingford Mfg. Co., Wallingford, Vt.

WESTERN SPECIAL threshers—Huber Mfg. Co., Marion, Ohio

WESTERN STAR clothes washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.

WESTERN UNION leather splitting machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.

WESTERN UNIVERSAL automobile wind shields—Western Mechanical Works, Los Angeles, Cal.

WESTFALIA mine rescue apparatus, respirators—S. F. Hayward & Co., 250 W. 54th, New York

WESTFALL rasps—F. Westfall & Co., 469 31st, Milwaukee, Wis.

WESTFIELD comealongs—Eureka Co., North East, Pa.

WESTFIELD lawn mowers—Supplee-Biddle Hardware Co., 510 Commerce, Phila., Pa.

WESTINGHOUSE automatic slack adjusters—American Brake Co., 1932 N. Broadway, St. Louis, Mo.

WESTINGHOUSE clover hullers, threshers, gas engines, creamery boters—Westinghouse Co., Schenectady, N. Y.

WESTINGHOUSE electric interlocking signals—Union Switch & Signal Co., Swissvale, Pa.

WESTINGHOUSE gas meters—Pittsburgh Meter Co., East Pittsburgh, Pa.

WESTINGHOUSE prime movers & auxiliaries, steam turbines, electrical apparatus, arc lamps—Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.

WESTINGHOUSE valve testing device—Westinghouse Air Brake Co., Pittsburgh, Pa.

WESTLUND friction clutches, cut-off couplings, sash locks, engine & screw cutting lathes—C. G. Westlund Co., 498 Millbury, Worcester, Mass.

WESTMAN gasoline engines—Enterprise Machine Co., 1118 S. 3rd, Minneapolis, Minn.

WESTMARK flue rattlers—Mann-McCann Co., Fisher bldg., Chicago, Ill.

WESTMINSTER paris white—H. F. Taintor Mfg. Co., 2 Rector, New York



- WESTMORELAND sight feed lubricators—Kelly & Jones Co., Pittsburgh, Pa.
- WESTON centrifugal dryers, hydro-extractors—American Tool & Machine Co., 10 High, Boston, Mass.
- WESTON chain hoists—Clinton E. Hobbs, 12 Pearl, Boston, Mass.
- WESTON linen ledger paper, loose leaf paper—Weston Byron Co., Dalton, Mass.
- WESTON ratchet drills—Keystone Mfg. Co., Buffalo, N. Y.
- WESTON'S ratchet drills—Irving Mfg. & Tool Co., 157 Chambers, New York
- WESTOVER draft gauges, combustion indicators—American Safety Lamp & Mine Supply Co., Scranton, Pa.
- WEST POINT hot water heaters—J. H. McLain Co., Canton, Ohio
- WEST'S ENAMEL carriage top dressing—L. M. West's Sons, Rockford, Ill.
- WEST SIDE cut-off saws—West Side Iron Works, Grand Rapids, Mich.
- WEST TEXAS well drilling machinery—San Antonio Machine & Supply Co., San Antonio, Texas.
- WETHERPUFE cement bags—West Jersey Paper Mfg. Co., Camden, N. J.
- WETITE waterproof belting—New York Leather Belting Co., 465 Kent av, Brooklyn, N. Y.
- WETMORE glue heaters—Advance Machinery Co., Toledo, Ohio
- WETPRUFE belting—Hide, Leather & Belt Mfg. Co., 227 S. Meridian, Indianapolis, Ind.
- WETTLING step ladders—Bent Rung Ladder & Mfg. Co., Indiana, Pa.
- WEW valves, check, cross, gate, relief, regrinding, snifting, & throttle—Wm. E. Williams, 62 Front, New York
- WHALE belting—Moloney Belting Co., 301 W. Randolph, Chicago, Ill.
- WHALE-BONE-ITE closet seats—Brunswick-Balke-Collender Co., 629 S. Wabash av, Chicago, Ill.
- WHALEN planer tools—Cincinnati Planer Co., Cincinnati, Ohio
- WHALL'S rail insulating joints—C. H. Whall Co., 170 Summer, Boston, Mass.
- WHARTON standard guard rail clamps—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
- WHARTON-O'BRIEN headrods, insulated operating & lock rods—Wm. Wharton, Jr., & Co., Inc., Easton, Pa.
- WHAT CHEER axes, hand saws, hatchets, mining picks—What Cheer Tool Co., What Cheer, Ia.
- WHEATCRAFT coffee roasters—Originator Manufacturing Co., 302 Broadway, New York
- WHEATLEY belt dressing, carbon removers—Panama Oil & Grease Co., 159 W. 51st, New York
- WHEATON wire rope clamps—C. M. Wheaton & Co., Sunbury, Ohio
- WHECO drop forgings—Marine Hardware Equipment Co., S. Portland, Me.
- WHEELER reflectors, electric lamp hoods, mirror shades—Wheeler Reflector Co., 156 Pearl, Boston, Mass.
- WHEELER sidewalk snow plows—Dyar Supply Co., Cambridge, Mass.
- WHEELER steam condensers, steam engines, feed water heaters, vacuum pumps, vacuum pans—Wheeler Condenser & Engineering Co., Carteret, N. J.
- WHEELER-BARNARD water cooling towers—Wheeler Condenser & Engineering Co., Carteret, N. J.
- WHEELER-PRATT water cooling towers—C. H. Wheeler Mfg. Co., Lehigh & N. 18th, Philadelphia, Pa.
- WHEELER & WILSON carriage bows—Eureka Bending & Wheel Works, York, Pa.
- WHEELER & WILSON carriage bows—Metropolis Bending Co., Metropolis, Ill.
- WHEELER'S wood fillers—Bridgeport Wood Finishing Co., New Milford, Conn.
- WHEELING oil cans, stove pipe dampers—Whitaker-Glessner Co. (Wheeling Corrugating Dept.), Wheeling, W. Va.
- WHICH WILL WIN plumbers' & miners' candles—Standard Oil Co., of N. Y., 555 W. 25th, New York
- WHIRLPOOL basting spoons—Ira F. White & Son Co., Bloomfield, N. J.
- WHIRLPOOL water power washers—Cooper Sanitary Mfg. Co., 47th & Cuthbert, Philadelphia, Pa.
- WHIRLWIND barn door hangers—J. E. Porter Co., Ottawa, Ill.
- WHIRLWIND feed cutters—Wilder-Strong Implement Co., Monroe, Mich.
- WHIRLWIND glass front wind shields—Medina Stamping & Machine Co., Medina, N. Y.
- WHIRLWIND soot blowers—General Specialty Co., 289 Michigan av, Buffalo, N. Y.
- WHIRLWIND BLAST anti-clinker irons—Champion Blower & Forge Co., Lancaster, Pa.
- WHISLER nut splitters—John Whisler, Gibson, Ia.
- WHITAKER door hangers, garden cultivators, grapple forks—Whitaker Mfg. Co., 509 W. Monroe, Chicago, Ill.
- WHITCOMB barn door latches—Albany Hardware Specialty Mfg. Co., Albany, Wis.
- WHITCOMB mining drills, lock valves—Geo. D. Whitcomb Co., Rochelle, Ill.
- WHITCOMB pneumatic drills—Sullivan Machinery Co., Peoples Gas bldg., Chicago, Ill.
- WHITE belting—Western Raw Hide & Belting Co., 600 So. Pierce, Milwaukee, Wis.
- WHITE bronze spelter—New Jersey Zinc Co., 55 Wall, New York
- WHITE canoes, motor boats—E. M. White & Co., Old Town, Me.
- WHITE enamels—Edw. Smith & Co., 127 West av, Long Island City, N. Y.
- WHITE gasoline engines—Globe Iron Works Co., Menomone, Wis.
- WHITE knife switches, light switchboards—Eynon-Evans Mfg. Co., N. 15th & Clearfield, Philadelphia, Pa.
- WHITE mop wringers—White Mop Wringer Co., Fultonville, N. Y.
- WHITE packing—General Asbestos Rubber Co., Charleston, S. C.
- WHITE paper cutting machines—E. C. Fuller Co., 28 Reade, New York
- WHITE paper mill screens—J. & W. Jolly (Inc.), Holyoke, Mass.
- WHITE rubber hose—Mechanical Rubber Co., 307 W. Randolph, Chicago, Ill.
- WHITE saw swages—Phoenix Mfg. Co., Eau Claire, Wis.
- WHITE stamp affixer—Office Appliance Mfg. Co., Providence, R. I.
- WHITE BEAR hydrated lime—Hannibal Lime Co., Hannibal, Mo.
- WHITE BIRD kitchen sets—Cassady Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.
- WHITE BUFFALO reclaimed rubber—U. S. Rubber Reclaiming Works, 42nd st bldg., New York.
- WHITE CEDAR cylinder churns—Richmond Cedar Works, Richmond, Va.
- WHITE CEMENT ENAMEL paints—Glidden Varnish Co., Cleveland, Ohio
- WHITE CITY ice picks, savings banks—Nicol & Co., 218 N. Jefferson, Chicago, Ill.
- WHITE COPAL enamels—Newark Varnish Works, 111 Delancey, Newark, N. J.
- WHITE CROSS electric hair dryers, massage vibrators, electric sad irons—Lindstrom-Smith Co., 1104 S. Wabash av, Chicago, Ill.
- WHITE CROSS rubber hose—Home Rubber Co., Trenton, N. J.
- WHITE CROWN rubber hose—Thermoid Rubber Co., Trenton, N. J.
- WHITE DAISY hand washing machines—White Lily Mfg. Co., Davenport, Ia.
- WHITE DEER packing—La Favorite Rubber Mfg. Co., Paterson, N. J.
- WHITE DIAMOND buffing compositions—Matchless Metal Polish Co., 151 Varick, New York
- WHITEDGE typewriter ribbons—H. M. Storms Co., 11 Vandewater, New York
- WHITE enamel rubber packing—Manhattan Rubber Mfg. Co., Passaic, N. J.
- WHITEHALL cement—Whitehall Cement Mfg. Co., Cementon, Pa.
- "WHITE HAT" fishing tackle—Treman, King & Co., Ithaca, N. Y.
- WHITEHEAD wood stains—Whitehead Paint Co., 1 Madison av, New York
- WHITE HEN glass washboards—National Washboard Co., 72 W. Adams, Chicago, Ill.
- WHITEHOUSE bread toasters—Roseland Can & Specialty Co., Rockford, Ill.
- WHITE HOUSE kitchen cabinets—Cummings Jas. H., 53 W. Jackson blvd, Chicago, Ill.
- WHITE KING fire hose—B. F. Goodrich Co., Akron, Ohio
- WHITELEY'S CROMON steel castings—Whiteley Malleable Castings Co., Muncie, Ind.
- "WHITE LIGHT MANTLE" kerosene lamp burners—Wheeling Stamping Co., Wheeling, W. Va.
- WHITE LILY buffing compositions—Hill & Griffith Co., 1248 State av, Cincinnati, O.
- WHITE LILY hand washing machines—White Lily Mfg. Co., Davenport, Ia.
- WHITE LILY pork products, hams & butter—Dunlevy Packing Co., Hamilton av & Enterprise, Pittsburgh, Pa.



- WHITEMORE'S belt dressing—Plomo Specialty Mfg. Co., Electric bldg., Cleveland, Ohio.
- WHITEMORE'S gear protective composition—Whitemore Mfg. Co., Cleveland, Ohio
- WHITE MOUNTAIN fruit & vegetable parers—Goodell Co., Antrim, N. H.
- WHITE MOUNTAIN ice cream freezers—White Mountain Freezer Co., Nashua, N. H.
- WHITE PYRALIN bath room fixtures & furnishings—Church, C. F. Mfg. Co., Holyoke, Mass.
- WHITE ROCK linen ledger paper—W. B. Oglesby Paper Co., Middletown, Ohio
- WHITE ROCK wood fibre plaster—American Cement Plaster Co., Lawrence, Kans.
- WHITE ROSE cold water paints—Columbia Refining Co., 90 West, New York
- WHITE SEAL asbestos metallic, gum gaskets—Mechanical Rubber Co., Cleveland, Ohio
- WHITE SEAL bread boards, kitchen cabinets, enam. metal kitchen tables—Cleveland Metal Products Co., Cleveland, Ohio
- WHITE SEAL canvas belting—Victor Balata & Textile Belting Co., 38 Murray, New York
- WHITE SEAL oxide of zinc—New Jersey Zinc Co., 55 Wall, New York
- WHITE SQUADRON packing—Caucos Mfg. Co., 146 N. 2nd, Philadelphia, Pa.
- WHITE STAR dry batteries—White Star Battery Co., 126 Chambers, New York
- WHITE STAR hydrated lime—Louisville Cement Co., Louisville, Ky.
- WHITE STAR oil filters, oiling systems, oil storage tanks—Pittsburgh Gage & Supply Co., 30th & Liberty av, Pittsburgh, Pa.
- WHITE STAR valves—Wm. Powell Co., Cincinnati, Ohio
- WHITE STAR white & red lead—W. W. Lawrence & Co., Pittsburgh, Pa.
- WHITE TAR moth balls—White Tar Co., 4 Cliff, New York
- WHITFIELD carbon paper—Whitfield Carbon Paper Works, 33 Sullivan, New York
- WHITING saw sets—Kilborn & Bishop Co., New Haven, Conn.
- WHITIRE automobile tire coating—Sam'l H. French & Co., 4th & Callowhill, Philadelphia, Pa.
- WHITLEY'S CROWN automobile castings—Whitley Malleable Castings Co., Muncie, Ind.
- WHITLOCK double lap joint pipe—Whitlock Coil Pipe Co., Hartford, Conn.
- WHITMAN root cutters—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
- WHITNERS grindstones—Murray Stone Co., William-son bldg., Cleveland, Ohio
- WHITNEY car wheels—Enterprise Foundry & Machine Works, Bristol, Tenn.
- WHITNEY car wheels—Sanford-Day Iron Works, Knoxville, Tenn.
- WHITNEY cotton hooks—Sargent & Co., New Haven, Conn.
- WHITNEY key-seating machines—Whitney Mfg. Co., Hartford, Conn.
- WHITNEY mailing boxes—Jencks Paper Box Co., 45 Waldo, Providence, R. I.
- WHITNEY portable punches—Whitney Metal Tool Co., Rockford, Ill.
- WHITNEY ratchet drill stock—Pratt & Whitney Co., Hartford, Conn.
- WHITON centering machines—D. E. Whiton Machine Co., New London, Conn.
- WHITTIER oven thermometers—Cooper Oven Thermometer Co., Pequabuck, Conn.
- WHITTINGHAM quick break tank switch—Automatic Switch Co., 131 Liberty, New York
- WHITTINGHAM reversing motor switches—Automatic Switch Co., 131 Liberty, New York
- WHITTINGHAM rheostats—D. H. Darrin, 4 White, New York
- WHITTINGTON pipe vises—Whittington-Vaughn Co., Easton, Pa.
- WHITTLES cloth feeders—Tillotson Humidifier Co., 78 Fountain, Providence, R. I.
- WHITTON bottle filling machines—U. S. Bottlers' Machy. Co., 1033 W. Lake, Chicago, Ill.
- WHIZ automobile oil soap, auto top dressing, cutlery polish, lubricating oils & greases, valve grinding compounds—R. M. Hollingshead Co., Camden, N. J.
- WHIZ hand soap—Davies, Young Soap Co., Dayton, Ohio
- WIARD'S standard washing machines—Wiard Mfg. Co., E. Avon, N. Y.
- WICOPEE rubber hose—New York Rubber Co., Reade & Church, New York
- WICKERSHAM American boiler oil feeders—John M. Watt's Sons, 54 N. 2nd, Philadelphia, Pa.
- WICKES water tube boilers—Wickes Boiler Co., Saginaw, Mich.
- WICKMAN eave-trough hangers—Wickman Wire Works, Howell, Mich.
- WICKS life boat releasing hooks—David Kahnweller's Sons, 260 Front, New York
- WICO spark coils—Witherbee Igniting Co., 1904 Broadway, New York
- WIDDOWSON stave jointing machines—Rochester Barrel Machine Works, Rochester, N. Y.
- WIDE world barrel spray pumps—Brandt Mfg. Co., Minneapolis, Minn.
- WIEDEKE flue cutters—Gustav Wiedeke & Co., Dayton, Ohio
- WIEDERHOLDT concrete chimneys—Wiederholdt Construction Co., Mechanics Amer. Bank bldg., St. Louis, Mo.
- WIES shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.
- WIL-BAR electric fixture studs—Wil-Bar Mfg. Co., 22 Clark ct, Detroit, Mich.
- WILBERN barn door hangers—Stowell Co., So. Milwaukee, Wis.
- WILBERN ADJUSTABLE barn, car, elevator & fire door hangers—Stowell Co., S. Milwaukee, Wis.
- WILCOX door hangers, lawn mower sharpeners, manual training benches, sickle grinders, wagon jacks, vises—Richards-Wilcox Mfg. Co., Aurora, Ill.
- WILCOX gate valves, pipe fittings—Coldwell-Wilcox Co., Newburgh, N. Y.
- WILCOX metallic gaskets—E. A. Wilcox Mfg. Co., 6330 Stony Island av, Chicago, Ill.
- WILD rock & ore crushers, mining screens—Morse Bros., Denver, Colo.
- WILDE shoveling & end gate boards—Klondike Incubator Co., Des Moines, Ia.
- WILEY faucet tanks & oil cabinets—New York Oil Cabinet Co., 103 Walker, New York
- WILEY'S floor finish—I. H. Wiley Waxene Co., 77 Portland, Boston, Mass.
- WILFLEY ore concentrators—Mine & Smelter Supply Co., 42 Broadway, New York
- WILGUS fuel oil pumping systems, pump governors—Wilgus Mfg. Co., Los Angeles, Cal.
- WILGUS lawn sprinklers—Stuber & Kuck, Peoria, Ill.
- WILHELM paint & varnish remover—A. Wilhelm Co., Reading, Pa.
- WILKE studio china kilns—Lavelle Foundry Co., Anderson, Ind.
- WILKINS gauge glass cutters—G. H. Wilkins, 57 W. Lake, Chicago, Ill.
- WILKINSON sheffield shears—Wiebusch & Hilger, 106 Lafayette, New York
- WILKINSON steam turbines—American & British Mfg. Co., Charles, Providence, R. I.
- WILKS hot water heaters—S. Wilks Mfg. Co., 3517 Shields av, Chicago, Ill.
- WILLARD storage batteries—Willard Storage Battery Co., 5716 Euclid av, Cleveland, Ohio
- WILLCOX feed water weighers—Willcox Engineering Co., 1525 Holland av, Saginaw, Mich.
- WILLETT-BRUCE automatic whistle control—McNab Co., Bridgeport, Conn.
- WILLEY brick ovens—Evans & Eichner, 29 W. Lake, Chicago, Ill.
- WILLEY electric motors, portable electric drills—Jas. Clark, Jr., Electric Co., Louisville, Ky.
- WILLEY portable electric drills—J. F. Willey, Jeffersonville, Ind.
- WM. BEATTY & SONS broad axes, hedge knives & picks—John B. Black Co., Chester, Pa.
- WM. PENN reclaimed rubber—Manufactured Rubber Co., Penna. bldg., Philadelphia, Pa.
- WILLIAMS automobile wind shields—Twentieth Century Garage, 121 S. Ludonette, South Bend, Ind.
- WILLIAMS gasoline strainers—D. T. Williams Valve Co., Cincinnati, Ohio
- WILLIAMS gauge cocks, pump governors, safety water columns, steam operated traps, water gauges—Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
- WILLIAMS hospital stretchers—Wheeling Tent & Awning Co., Wheeling, W. Va.
- WILLIAMS maple sugar evaporators—Vermont Farm Machine Co., Bellows Falls, Vt.
- WILLIAMS paper can machinery—Chicago Paper Tube & Can Co., 168 N. May, Chicago, Ill.
- WILLIAMS paper tube rolling & cutting—Chicago Paper Tube & Can Co., 168 N. May, Chicago, Ill.
- WILLIAMS time switches—Wm. Taylor, 203 Broadway, New York
- WILLIAMS CANTSLIP horseshoes, removable screw calks—Williams Drop Forging Co., Scranton, Pa.



WILLIAMS DIESEL oil engines—Dow Pump & Diesel Engine Co., San Francisco, Cal.  
 WILLIAMSON cork screws, champagne taps—C. T. Williamson Wire Novelty Co., Badger av, Newark, N. J.  
 WILLIAMSON hoisting engines—American Engineering Co., Aramingo & Cumberland, Phila., Pa.  
 WILLIAMSON steam & water heaters—Williamson Foundry Co., Columbia rd, Oakley, Cincinnati, Ohio  
 WILLIS planimeters—Jas. L. Robertson & Son, 78 Murray, New York  
 WILLIS sap spouts—Hunting Co., Watertown, N. Y.  
 WILLIS ventilators—Willis Mfg. Co., Galesburg, Ill.  
 WILLIS wattmeters—Federal Electric Co., 640 W. Lake, Chicago, Ill.  
 WILLMARCO coffee hulling machinery—Wm. L. Dines, Jr., Co., Worcester, Mass.  
 WILLMARTH countershafts—Wilmarth & Morman Co., 1151 Monroe av, N. W., Grand Rapids, Mich.  
 WILLOWARE willow baskets—Burlington Willow Ware Shops, Burlington, Ia.  
 WILLS axle gauges—Badger State Machine Co., Janesville, Wis.  
 WILLSTICK mucilage, photographers' paste—Continental Mfg. Co., 330 N. 3rd, Phila., Pa.  
 WILMINGTON garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 WILMINGTON leather fleshing & slating machines—G. W. Baker Machine Co., 218 French, Wilmington, Del.  
 WILMOT sewing machine oilers—Hero Mfg. Co., Gaul & Adams, Phila., Pa.  
 WILPACO packing—Crandall Packing Co., Palmyra, N. Y.  
 WILSON belt fasteners—Angell Belt Hook Co., 16 Warren av, Providence, R. I.  
 WILSON belt fasteners—Sawyer Belt Hook Co., Pawtucket, R. I.  
 WILSON belt fasteners—W. O. Talcott, 91 Sabin, Providence, R. I.  
 WILSON bung spouts—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 WILSON fishing tackle boxes—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 WILSON fishing tackle boxes—Wilson F. Cortez Co., 323 W. Lake, Chicago, Ill.  
 WILSON pipe cutting & threading machinery—Universal Machine Co., Bowling Green, Ohio  
 WILSON portable fire escapes—S. F. Hayward & Co., 250 W. 54th, New York  
 WILHELME range boilers—Hayes Mfg. Co., Paterson, N. J.  
 WILSON railway crossing gates—Kalamazoo Railway Supply Co., Kalamazoo, Mich.  
 WILSON railway track drills—Buda Co., Railway Exchange bldg., Chicago, Ill.  
 WILSON rubber tires—Wilson Tire & Rubber Co., Springfield, Ill.  
 WILSON shaft springs—Robert P. Wilson, 320 Market, Newark, N. J.  
 WILSON shovels, spades & scoops—Hubbard & Co., 63d & Butler, Pittsburgh, Pa.  
 WILSON trace carriers—North & Judd Mfg. Co., New Britain, Conn.  
 WILSON trolley catchers & retrievers—Wilson & Co., 430 Kent av, Brooklyn, N. Y.  
 WILSON water filters—E. L. Dean Machine Co., Holyoke, Mass.  
 WILSON BROS. bobbins & shuttles—Leigh & Butler, 232 Summer, Boston, Mass.  
 WILTBONCO water gauges—Wiltbonco Mfg. Co., 24 Porter, Boston, Mass.  
 WILTON locking cocks—Wilton Mfg. Co., Wrightsville, Pa.  
 WILWEAR bathroom fixtures—Novelty Mfg. Co., Waterbury, Conn.  
 WINALL padlock locks—U. S. Lock & Hardware Co., Columbia, Pa.  
 WINCHESTER nut crackers & picks—Cassady, Fairbank Mfg. Co., 6126 S. La Salle, Chicago, Ill.  
 WINCHESTER rifles—Winchester Repeating Arms Co., New Haven, Conn.  
 WINCROFT hot plate—Wincroft Stove Works, Middletown, Pa.  
 WINDEJAMMER tire air pumps—Motor Car Supply Co., 1427 Michigan av, Chicago, Ill.  
 WINDEJAMMER pumps—Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.  
 WINDJAMMER tire air pumps—Bridgeport Brass Co., Bridgeport, Conn.  
 WIN-DO-LITE electric illuminated signs—Federal Sign System, 640 W. Lake, Chicago, Ill.  
 WINDOWPHANIE stained glass substitutes—Windowphanie Co., 19 E. 14th, New York  
 WINDSOR drop forged axle clips—Keystone Forging Co., Northumberland, Pa.

WINDSOR fire place heaters—Bartlett Hayward Co., Scott & McHenry, Baltimore, Md.  
 WINDSOR rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio  
 WINE socket washers—Wine Railway Appliance Co., Toledo, Ohio  
 WINGO grease cups—Lunkenheimer Co., Beekman & Waverly, Cincinnati, Ohio  
 WINIR steel sheet—Canton Sheet Steel Co., Canton, Ohio  
 WINKLEY oil hole covers & cups, dowel pins—Winkley Co., Detroit, Mich.  
 WINN belt dressing, boiler compounds, cold water paints—Wm. R. Winn, 143 Maiden la, New York  
 WINNER currycombs—Weber & Kirch Mfg. Co., Keokuk, Ia.  
 WINNER clothes lines—Estes Mills, Fall River, Mass.  
 WINNER clothes washing machines—Wayne Mfg. Co., 124 Sidney, St. Louis, Mo.  
 WINNER cordage & twine—American Mills Co., Atlanta, Ga.  
 WINNER equalizers—Harvey Spring & Forging Co., Racine, Wis.  
 WINNER feed carriers—Owantonna Mfg. Co., Owantonna, Minn.  
 WINNER feed cookers—Star Tank Co., Goshen, Ind.  
 WINNER grain graders—American Grain Separator Co., Minneapolis, Minn.  
 WINNER lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.  
 WINNER silos—Pacific Tank & Silo Co., Chehalis, Wash.  
 WINONA enameled iron bath tubs—McVay-Walker Co., Braddock, Pa.  
 WINONA farm wagons—Winona Wagon Co., Winona, Minn.  
 WIN-OUT baseball uniforms—Carrier Beger, Covington, Ky.  
 WINSHIP cotton ginning machinery—Continental Gin Co., Birmingham, Ala.  
 WINSLOW strength computing rules—Geo. W. Richardson, 4212 W. 24th pl, Chicago, Ill.  
 WINSLOW strength computing rules—Henry W. Tomlinson, 62 E Van Buren, Chicago, Ill.  
 WINSTON-SALEM rural mail boxes—Brickenstein, L. B., Winston-Salem, N. C.  
 WINTER rubber horse shoe pads—Firestone Tire & Rubber Co., Akron, Ohio  
 WINTER wagon jacks—Pioneer Pole & Shaft Co., Piqua, Ohio  
 WINTERS wharf drop gearing—American Engineering Co., Aramingo & Cumberland, Phila., Pa.  
 WINTHROP steam & hot water heaters—Dighton Furnace Co., Taunton, Mass.  
 WINTHROP stoves—Dighton Foundry Co., Taunton, Mass.  
 WINZE mine hoists—Wellman-Seaver-Morgan Co., Cleveland, Ohio  
 WIREDUCT non-metallic flexible conduits—American Conduit Mfg. Co., Keystone bldg., Pittsburgh, Pa.  
 WIRE GAUGE carbon brushes—National Carbon Co., Madison av, N. W. & W. 117th, Cleveland, Ohio  
 WIRE HOOD saw guards—Zeiller & Nagel, 233 Java, Brooklyn, N. Y.  
 WIRELESS rubber vehicle tires—B. F. Goodrich Co., Akron, Ohio  
 WIRETOP muslin bags—Bemis Bro. Bag Co., 601 S. 4th, St. Louis, Mo.  
 WIRT'S fire hose reels, garden hose reels—Wirt & Knox Mfg. Co., 22 N. 4th, Phila., Pa.  
 WISCONSIN concrete mixers—Milwaukee Concrete Mixer, 955 30th, Milwaukee, Wis.  
 WISCONSIN feed grinding mills—Wisconsin Farm Implement Co., Beloit, Wis.  
 WISCONSIN fire extinguishers—Badger Chemical Mfg. Co., Milwaukee, Wis.  
 WISCONSIN gas engines—Lauson-Lawton Co., De Pere, Wis.  
 WISCONSIN RUBY red granite—Anderson Bros. & Johnson Co., Wausau, Wis.  
 WISE hot air furnaces—Wise Furnace Co., Akron, Ohio  
 WISE iceless soda water fountains—Wise Soda Apparatus Co., Bellevue, Ohio  
 WISS tinnern's snips—J. Wiss & Sons Co., 31 Littleton av, Newark, N. J.  
 WISTERIA rubber hose—Bowers Rubber Works, San Francisco, Cal.  
 WITCH-ELK baseball & athletic shoes—Witchell-Sheill Co., 168 Brooklyn, Detroit, Mich.  
 WITHAM screen plate fasteners—Union Screen Plate Co., Fitchburg, Mass.  
 WITHAN battery charging rheostats—E. Marcuson, 136 Liberty, New York  
 WITHERBEE storage battery igniter—Witherbee Igniter Co., 1904 Broadway, New York



WITROLAC varnish—Harrison's, Inc., 35th & Gray's Ferry rd, Philadelphia, Pa.  
 WITTEN dumping carts—Baker Mfg. Co., Springfield, Ill.  
 WITTER automobile hand carts—Baker Mfg. Co., 14 E. Jackson blvd, Chicago, Ill.  
 WITTINGHAM motor charging rheostats—Automatic Switch Co., 4 White, New York  
 WITT'S garbage pails—Witt Cornice Co., 2118 Winchell av, Cincinnati, Ohio  
 WI WI grey iron castings—Wytheville Iron Works, Wytheville, Va.  
 WIZARD cigar lighters—Eldred Mfg. Co., 46 W. Kinzie, Chicago, Ill.  
 WIZARD creamery testers—Creamery Package Mfg. Co., 61 W. Kinzie, Chicago, Ill.  
 WIZARD door hangers—Safety Door Hanger Co., Ashland, Ohio  
 WIZARD drill chucks, drill speeders, turret tap holders, twist drill collets—McCrosky Reamer Co., Meadville, Pa.  
 WIZARD dry batteries—Stackpole Carbon Co., St. Marys, Pa.  
 WIZARD electric bells—Ansonia Electrical Co., Ansonia, Conn.  
 WIZARD garden cultivator—Empire Plow Co., Cleveland, Ohio  
 WIZARD gas igniters—Hercules Electric Co., Indianapolis, Ind.  
 WIZARD insulating tape, suction hose—Boston Woven Hose & Rubber Co., Cambridge, Mass.  
 WIZARD lawn mowers—Worcester Lawn Mower Co., Worcester, Mass.  
 WIZARD mops—Wizard Products Co., 1444 W. 37th, Chicago, Ill.  
 WIZARD numbering machines—Bates Mfg. Co., 50 Church, New York  
 WIZARD packing—Peerless Rubber Mfg. Co., 31 Warren, New York  
 WIZARD paint & varnish remover—Heath & Milligan Mfg. Co., 1833 Seward, Chicago, Ill.  
 WIZARD postage stamp affixing machines, labeling machines—Wizard Co., 179 Summer, Boston, Mass.  
 WIZARD roof flanges—Wizard Mfg. Co., 15 Lafayette, Boston, Mass.  
 WIZARD spark plugs—Hampshire Mfg. Co., Hatfield, Mass.  
 WIZARD wrenches—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 WIZZARD seed corn dryers—J. Q. Clarke Tank Co., Crawfordsville, Ind.  
 WOLDHAUPTER shoulder flange flat bottom combination plates—Railroad Supply Co., 203 S. Dearborn, Chicago, Ill.  
 WOLF cold tire setters—Geo. S. Comstock & Son, Mechanicsburg, Pa.  
 WOLF miners' safety lamps—Wolf Safety Lamp Co. of America, 47 West, New York  
 WOLF-TYPE miners' safety lamps—American Safety Lamp & Mine Supply Co., Scranton, Pa.  
 WOLFF belt dressing, rope dressing—Wolff Norbert Co., 40 Renwick, New York  
 WOLFRAM high speed steel—Vulcan Crucible Steel Co., Aliquippa, Pa.  
 WOLF'S head lubricating oils & greases—Wolverine Lubricants Co., 78 Broad, New York  
 WOLVERINE belt lacing, clutch linings, shims—National Leather Mfg. Co., Niles, Mich.  
 WOLVERINE cement mfrs.—Wolverine Portland Cement Co., Coldwater, Mich.  
 WOLVERINE flexible pipe cleaning augers—centrifugal traps, flushing valves, tap plugs—Wolverine Brass Works, Grand Rapids, Mich.  
 WOLVERINE gas engines—Wolverine Motor Works, Bridgeport, Conn.  
 WOLVERINE hay presses—Ypsilanti Hay Press Co., Ypsilanti, Mich.  
 WOLVERINE hog rings—Chambers, Bering, Quinlan Co., Decatur, Ill.  
 WOLVERINE hog rings—Heesen Bros. Co., Tecumseh, Mich.  
 WOLVERINE hog rings—Wm. E. Pratt Mfg. Co., 35 W. Lake, Chicago, Ill.  
 WOLVERINE metallic packing—Strong Machinery & Supply Co., 21 Walker, New York  
 WOLVERINE pot cover racks—Wolverine Mfg. Co., Pittsburgh, Pa.  
 WOLVERINE show cases—Michigan Show Case Co., 480 Fort W., Detroit, Mich.  
 WOLVERINE ventilating sash locks—Wolverine Supply & Mfg. Co., Pittsburgh, Pa.  
 WOMEN'S FRIEND clothes washing machines—Foston Mfg. Co., St. Paul, Minn.  
 WONDER ash sifters—H. E. Hessler Co., Syracuse, N. Y.  
 WONDER chain attachments, drills—Grabler Mfg. Co., Cleveland, Ohio

WONDER coal drills, pneumatic rock drills, pneumatic chipping & calking hammers—pneumatic riveters, drill sharpening machines—Hardsocg Wonder Drill Co., Ottumwa, Ia.  
 WONDER copper floats—American Pin Co., Waterbury, Conn.  
 WONDER flush plugs—Bryant Electric Co., Bridgeport, Conn.  
 WONDER fly swatter—Watson Co., Peru, Ind.  
 WONDER gas ovens—Kyle Mfg. Co., Washington, C. H. O.  
 WONDER lubricators—D. T. Williams Valve Co., Cincinnati, Ohio  
 WONDER stove lids—Standard Utilities Corp., Scranton, Pa.  
 WONDER tube cleaners—A. W. Chesterton Co., 64 India, Boston, Mass.  
 WONDER washing machines—Victor Mfg. Co., Leavenworth, Kan.  
 WONDERFUL harness awls—C. A. Myers Awl Co., 6316 University av, Chicago, Ill.  
 WONDERFUL metal polish—Borsum Bros., 227 Fulton, New York  
 WONDERSEAL roofing cements—Republic Paint & Lead Wks., 131st & Taft av, Cleveland, Ohio  
 WONDER TEN concrete mixers—Waterloo Cement Machinery Corp., Waterloo, Ia.  
 WONDER WORKER belt dressing, carbon removers, carriage top dressing, metal polish, valve grinding compounds—Hall-Thompson Co., Hartford, Conn.  
 WONT-BURN fry pans—New England Enameling Co., Middletown, Conn.  
 WONT-MAR floor finish—Wm. Harland & Son, Buffalo, N. Y.  
 WONT ROLL center & prick punches, punches, nail sets—West Haven Mfg. Co., West Haven, Conn.  
 WONT SLIP chair tips, rubber heels—C. J. Bailey & Co., 22 Boylston, Boston, Mass.  
 WONT SLIP pneumatic tires—Hartford Rubber Works Co., Hartford, Conn.  
 WONT-SLIP removable screw calks—James Reynolds Mfg. Co., New Haven, Conn.  
 WOOD BROS. traction engines—Wood Bros. Thresher Co., Des Moines, Ia.  
 WOOD pneumatic hose couplings—Wood Drill Works, Paterson, N. J.  
 WOOD spring tooth harrows—Ohio Rake Co., Dayton, Ohio  
 WOOD transformers—General Electric Co., Schenectady, N. Y.  
 WOOD water meter testing machines—A. P. Smith Mfg. Co., E. Orange, N. J.  
 WOODEBERRY EXTRA cotton duck—Mt. Vernon Woodberry Mills, Cont. bldg, Baltimore, Md.  
 WOODBRIDGE screw cutting dies—Pratt & Whitney Co., Hartford, Conn.  
 WOODBURY jigs—Worthington Pump & Machy. Corp., Cudahy, Wis.  
 WOODBURY slime classifiers—Power & Mining Machinery Co., 115 Broadway, New York  
 WOODBURY GRAY granite—Woodbury Granite Co., Hardwick, Vt.  
 WOODHOUSE fire boat water towers—Woodhouse Mfg. Co., 64 W. Broadway, New York  
 WOODISON cupola linings—E. J. Woodison Co., Detroit, Mich.  
 WOODLIFE shingle stains—Woodlife Co., 190 Montague, Brooklyn, N. Y.  
 WOODMAN saw sets—Kilborn & Bishop Co., New Haven, Conn.  
 WOODMAN & HUDSON'S speed indicators—R. Woodman Mfg. & Supply Co., 82 Sudbury, Boston, Mass.  
 WOODMANSEE office & library paste, writing inks—F. A. Woodmansee, 117 E. Pearl, Cincinnati, Ohio  
 WOODPECKER gas engines—Middletown Machine Co., Middletown, Ohio  
 WOODPECKER paint—Ajax Paint Co., Indianapolis, Ind.  
 WOODS can openers—Ira W. White & Son, Bloomfield, N. J.  
 WOODS cutter heads—S. A. Woods Machine Co., Boston, Mass.  
 WOOD'S locomotive jacket iron & steel—American Sheet & Tin Plate Co., Frick bldg., Pittsburgh, Pa.  
 WOODS side bearings—Woods, Edwin S., & Co., 332 S. Michigan av, Chicago, Ill.  
 WOODSTOCK tapping chucks—Peters Bros. Mfg. Co., Algonquin, Ill.  
 WOODWARD glass cutters—New England Novelty Co., Hill, N. H.  
 WOODWARD truck units—Woodward Truck Attachment Co., Los Angeles, Cal.  
 WOODWORTH tire protectors—Leather Tire Goods Co., Niagara Falls, N. Y.



WOOLSEY'S kalsomine—C. A. Woolsey Paint & Color Co., 500 Grand, Jersey City, N. J.  
 WOOSTER paint brushes—Wooster Brush Co., Wooster, Ohio  
 WOOSTER potato sprayer pumps—Field Force Pump Co., Columbus, Ohio  
 WOOSTER'S belting—Duryea Mfg. Co., 309 B'way, New York  
 WORCESTER bird cage hooks—Parker Wire Goods Co., Worcester, Mass.  
 WORCESTER drill grinders, draughting tables—Washburn Shops, Worcester, Mass.  
 WORCESTER flour sieves—National Mfg. Co., Worcester, Mass.  
 WORCESTER knife switches, light switchboards—Worcester Electric & Mfg. Co., Worcester, Mass.  
 WORCESTER lawn mowers, grass catchers—Worcester Lawn Mower Co., Worcester, Mass.  
 WORCESTER locomotive sanders—Sault Mfg. Co., Worcester, Mass.  
 WORCESTER pipe hangers—Rockwood Sprinkler Co., Worcester, Mass.  
 WORCESTER steam gong whistles—Union Water Meter Co., Worcester, Mass.  
 WORCESTER tire vulcanizers—Worcester Mfg. Co., Worcester, Mass.  
 WORCESTER window screen wire cloth—Wright Wire Co., Worcester, Mass.  
 WORD rock drills—Word Bros., San Francisco, Cal.  
 WORKRITE push buttons—Frank W. Morse, 293 Congress, Boston, Mass.  
 WORKRITE push buttons—S. H. Couch Co., Quincy, Mass.  
 WORKWELL corn & cob mills—Marseilles Co., East Moline, Ill.  
 WORLD blotting paper—Albemarle Paper Mfg. Co., Richmond, Va.  
 WORLD boiler injectors—American Injector Co., Detroit, Mich.  
 WORLD carbon lamps—F. J. Rooney Lamp Co., Hoboken, N. J.  
 WORLD clothes washing machines—C. E. Ross, Lincoln, Ill.  
 WORLD door hangers—Richards-Wilcox Mfg. Co., Aurora, Ill.  
 WORLD incubators & brooders—Fosston Mfg. Co., St. Paul, Minn.  
 WORLD labeling machines—Economic Machinery Co., Worcester, Mass.  
 WORLD rubber hose—Home Rubber Co., Trenton, N. J.  
 WORLD soap powders—Beach Soap Co., Lawrence, Mass.  
 WORLD ventilators—Berger Mfg. Co., Canton, Ohio  
 WORLD BEATER carpet beaters—Smith & Phillips Mfg. Co., 412 Sangamon, Chicago, Ill.  
 WORLD WIDE postage stamp affixing machines—Extensive Mfg. Co., 90 West, New York  
 WORLD'S BEST door hangers—Safety Door Hanger Co., Ashland, Ohio  
 WORLD'S BEST electric sad irons—Hotpoint Electric Heating Co., Ontario, Cal.  
 WORLD'S CHAMPION tube expanders—Oswego Tool Co., Oswego, N. Y.  
 WORLD'S FAIR lemon squeezers—Nicol & Co., 218 N. Jefferson, Chicago, Ill.  
 WORM pulp washing machines—Geo. F. Shevlin Mfg. Co., Saratoga Springs, N. Y.  
 WORRALL friction clutches—American Tool & Machine Co., 10 High, Boston, Mass.  
 WORRELL'S rotary dryers—S. E. Worrell, Hannibal, Mo.  
 WORTH lock-nuts & washers—Steel Specialties Co., Waltham, Mass.  
 WORTHMOWER lawn mowers—F. & N. Lawn Mower Co., Richmond, Ind.  
 WORTHY engine lubricators—D. T. Williams Valve Co., Cincinnati, Ohio  
 WOTHERSPOON watering pots—Jas. R. Wotherspoon, 238 N. Front, Phila., Pa.  
 WRAY floor scraping machines—Duncan Bros. & Wray Co., Ludlow Falls, Ohio  
 WRENN'S BEST enameled blotting paper—Wrenn Paper Co., Middletown, Ohio  
 WREN'S mine car tips—Grant Iron Works, Mahanoy City, Pa.  
 WRESCO steel sheets—Western Reserve Steel Co., Warren, Ohio  
 WRIGHT electric cable hangers—Rhode Island Telephone & Electric Co., 55 Pine, Providence, R. I.  
 WRIGHT mica plugs—New York Mica & Mfg. Co., 38 Market, Auburn, N. Y.  
 WRIGHT roller bearings—Penna. Shafting Co., Spring City, Pa.  
 WRIGHT rubber tires—Morgan & Wright, Detroit, Mich.

WRIGHT safety water columns, water gauges, steam traps—Wright Mfg. Co., Detroit, Mich.  
 WRIGHT truck units—Wright Truck Attachment Co., Seattle, Wash.  
 WRIGHT wattmeters—General Electric Co., Schenectady, N. Y.  
 WRIGHT KIND stove pipe wire—Wright Wire Co., Worcester, Mass.  
 WRIGHT'S wall boards—Wright-Barrett & Stilwell Co., St. Paul, Minn.  
 WRIGHT'S JENNING'S auger bits—Connecticut Valley Mfg. Co., Centerbrook, Conn.  
 WRIGLEY pipe cleaners—Sam'l Lewis, 73 Barclay, New York  
 WRIGLEY ticket printing presses, toggle bolts—Thos. Wrigley Co., 416 S. Dearborn, Chicago, Ill.  
 WRITERPRESS duplicators—Writerpress Co., Shelton, Conn.  
 WUEST herringbone cut gears—Falk Co., ft 30th, Milwaukee, Wis.  
 WUNNER'S waterproofing materials—Theo. F. Koch & Co., 608 S. Dearborn, Chicago, Ill.  
 WYANDOTTE cement—Wyandotte Portland Cement Co., Detroit, Mich.  
 WYANDOTTE detergent cleaning compounds—J. B. Ford Co., Wyandotte, Mich.  
 WYDAWAKE damper regulators—L. J. Wing Mfg. Co., 352 W. 13th, New York  
 WYDLER bolting cloth—R. J. Howe, 320 Broadway, New York  
 WYE levels—Wm. Ainsworth & Sons, Denver, Colo.  
 WYE levels—Bausch & Lomb Optical Co., Rochester, N. Y.  
 WYLIE concrete chutes—J. S. Wylie Co., Oklahoma, Okla.  
 WYLIE gas meters—Equitable Meter Co., Pittsburgh, Pa.  
 WYNDESTEELS filing cabinets—General Fireproofing Co., Youngstown, Ohio  
 WYOMING curtain releasers, locomotive sanders—Railway & Traction Supply Co., 79 W. Monroe, Chicago, Ill.  
 WYOMING ensilage cutters—Warsaw-Wilkinson Co., Warsaw, N. Y.  
 WYOMING oil extractors, steam traps—W. H. Nicholson & Co., Wilkes-Barre, Pa.  
 WYPAK yarn packing—Wyoming Yarn Co., Wyoming, R. I.  
 X adjustable wrenches—Frank Mossberg Co., Attleboro, Mass.  
 X garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 X-CEL-ALL iron & steel filler cements—Shanafelt Mfg. Co., Canton, Ohio  
 XCELSIOR boiler rivets—Steel Car Forge Co., Pittsburgh, Pa.  
 X-F Swiss pattern files—Nicholson File Co., Providence, R. I.  
 X-I-96 boiler injectors—Wm. Powell Co., Cincinnati, Ohio  
 X-L fanning mills—American Grain Separator Co., Minneapolis, Minn.  
 X. L. hack saw blades—H. G. Thompson Son & Co., New Haven, Conn.  
 X L metallic shingles—Canton Art Metal Co., Canton, Ohio  
 X. L. C. R. maple flooring—Osgood & Blodgett Mfg. Co., St. Paul, Minn.  
 X. L. C. R. oak flooring—Osgood & Blodgett Mfg. Co., St. Paul, Minn.  
 X-L-C. R. turbine water wheels—Humphrey Machine Co., Keene, N. H.  
 X-L-C-R window cleaners—Quaker City Rubber Co., 629 Market, Philadelphia, Pa.  
 X-L-C-R window cleaners—Standard Cleaner Co., 122 S. Michigan ay, Chicago, Ill.  
 XLENT metallic shingles—Hyndman Roofing Co., 318 E. 2nd, Cincinnati, Ohio  
 XL 96 boiler injectors—Peneberthy Injector Co., Detroit, Mich.  
 XLNT padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 X-L-OID rubber roofing—Keystone Roofing Mfg. Co., York, Pa.  
 X. L. 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 XEMPLR padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 XEMPLR 6 LEVER padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 XPDITE permissible explosive—Hercules Powder Co., Wilmington, Del.  
 X-RAY induction coils—E. S. Ritchie & Sons, Brookline, Mass.



X-RAY lemon squeezers—Arcade Mfg. Co., Freeport, Ill.  
 X-RAY spark coils—Pfanstiehl Co., North Chicago, Ill.  
 X-RAY steam & hot water heaters—Samuel Sloan & Co., 67 Exchange, Rochester, N. Y.  
 XTEND-A-FORD truck units — Hayes-Diefenderfer Co., 237 W. 55th, New York  
 XX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 XX hoist, loading & steam shovel chains—Hayden-Corbett Chain Co., Columbus, Ohio  
 X. X. lawn mowers—Philadelphia Lawn Mower Co., 3107 Chestnut, Philadelphia, Pa.  
 XX picks—J. W. Mixer Saw Tool Co., Plymouth, Mass.  
 XX spark plug wrenches—Chas. Miller, Syracuse, N. Y.  
 XX step ladders—Indiana Belt Rung Ladder Co., Indiana, Pa.  
 XXTH CENTURY graders—Baker Mfg. Co., Springfield, Ill.  
 XXTH CENTURY hot air furnaces—XXth Century Heating & Ventilating Co., Akron, Ohio  
 XX CENTURY oil extractors, damper regulators, exhaust heads, pump governors, steam separators, steam traps, valves—Atwood & Morrill, 48 Loring av, Salem, Mass.  
 XX CENTURY water coolers—Cordley & Hays, 7 Leonard, New York  
 XX EXTRA fire hose—Empire Tire & Rubber Corp., East Trenton, N. J.  
 XXCY loom pickers—E. H. Jacobs Mfg. Co., Danielson, Conn.  
 XXX can openers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 XXX electric bells—P. R. Mfg. Co., Detroit, Mich.  
 XXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 XXX gasoline, flexible metallic, garden, suction hose—Metal Hose & Tubing Co., Raymond & Tillary, Brooklyn, N. Y.  
 XXX polishing cloths—Continental Waste Co., 13 Otis, Boston, Mass.  
 XXX safety valves—J. E. Lonegran Co., 211 Race, Philadelphia, Pa.  
 XXXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 XXXXX garden hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 XYLOFORM paint, waterproof glue—Nash Engineering Co., South Norwalk, Conn.  
 XYNO artificial stone laundry tubs, refrigerator linings, stone burial cases & vaults, stone sanitary flooring, water closet tanks—Mineral Products Co., Rhinelander, Wis.  
 X YNO humidifying apparatus—Mineral Products Co., Rhinelander, Wis.  
 XYNO refrigerators—Rhinelander Refrigerator Co., Rhinelander, Wis.  
 XYZ padlocks—Slaymaker Lock Co., Lancaster, Pa.

Y blow-off valves—Kelly & Jones Co., Pittsburgh, Pa.  
 Y brass ingots—Geo. S. Youngs, Bridgeport, Conn.  
 Y. B. wood stains—Yarnall Paint Co., 1020 Race, Phila., Pa.  
 Y CO. anti-siphon traps—Jos. H. Young Co., 82 High, Boston, Mass.  
 YYY safety valves—J. E. Lonegran Co., 211 Race, Phila., Pa.  
 Y. & E. fishing reels—Horrocks-Ibbotson Co., Utica, N. Y.  
 YACHT-AUTO bleached waste—Estes Mills, Fall River, Mass.  
 YALA ratchet wrenches—Syracuse Wrench Co., 300 W. Water, Syracuse, N. Y.  
 YALE air compressors—Superior Machine & Engineering Co., 51 Fort, E. Detroit, Mich.  
 YALE hose—Empire Tire & Rubber Corp., East Trenton, N. J.  
 YALE lawn mowers—American Lawn Mower Co., Muncie, Ind.  
 YALE medicinal atomizers—Becton, Dickinson & Co., Rutherford, N. J.  
 YALE reels—John Simmons Co., 110 Centre, New York  
 YALE steam heaters—J. H. McLain Co., Canton, Ohio  
 YALE stove pipe & elbows—Hemp & Co., Vandeventer nr Shaw, St. Louis, Mo.  
 YANKEE automobile mufflers—Yankee Co., Utica, N. Y.  
 YANKEE automobile mufflers & barrel spray pumps—D. B. Smith & Co., Utica, N. Y.  
 YANKEE can openers—Taylor Mfg. Co., Hartford, Conn.

YANKEE cold water paste—National Gum & Mica Co., 59th & 11th av, New York  
 YANKEE corn hooks—American Fork & Hoe Co., Cleveland, Ohio  
 YANKEE disc harrows—Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.  
 YANKEE drills, drill chucks, screw drivers, vises, wrenches—North Bros. Mfg. Co., Lehigh & American, Phila., Pa.  
 YANKEE electric lamp flashlights—Strobel & Wilkens Co., 61 W. 23rd, New York  
 YANKEE calipers & dividers—L. S. Starrett Co., Athol, Mass.  
 YANKEE feed cutters—W. Eddy Plow Co., Greenwich, N. Y.  
 YANKEE flexible shafts—Coates Clipper Mfg. Co., Worcester, Mass.  
 YANKEE gas & oil stove ovens—Connolly Mfg. Co., 123 Liberty, New York  
 YANKEE harness snaps—Covert Mfg. Co., Troy, N. Y.  
 YANKEE ice shavers—Gilchrist Co., 236 Bank, New-ark, N. J.  
 YANKEE lawn mowers—Blair Mfg. Co., Springfield, Mass.  
 YANKEE levels—Frost & Adams Co., Boston, Mass.  
 YANKEE nutmeg graters—Hamblin & Russell Mfg. Co., Worcester, Mass.  
 YANKEE pot cover repair knobs—Graham & Berwin, 107 Lafayette, New York  
 YANKEE rat traps—Lovell Mfg. Co., Erie, Pa.  
 YANKEE screw sticks—Chandler & Price Co., Cleveland, Ohio  
 YANKEE soldering salts—C. W. Leveridge, 133 Liberty, New York  
 YANKEE stove pipe dampers—Detroit Register Co., Detroit, Mich.  
 YANKEE tack claws & pullers, wire pullers—Browne & Dowd Mfg. Co., Meriden, Conn.  
 YANKEE tissue paper machy., Beloit Iron Works, Beloit, Wis.  
 YANKEE FLYER hand cars—E. U. Scoville Co., Manlius, N. Y.  
 YANKEE SILVER resistance wire — Driver-Harris Co., Harrison, N. J.  
 YANKEE-TOOTHED concrete shovels—B. B. Neal Hardware Co., 117 Leonard, New York  
 YARYAN multiple effects evaporators, distilling apparatus—Yaryan Co., 25 Church, New York  
 YATES net locks—Alden Speare's Sons Co., 156 6th, Boston, Mass.  
 YEAKLEY vacuum hammers—Williams, White Mfg. Co., Moline, Ill.  
 YELLOW FELLOW pea hullers, threshers—Avery Co., Peoria, Ill.  
 YELLOW KID paper cap exploders—Wrightsville Hardware Co., Wrightsville, Pa.  
 YELLOW SEAL lead & zinc—W. W. Lawrence & Co., Pittsburgh, Pa.  
 YE-OLDE-HOMESTEAD furniture polish—Rath Mfg. Co., Hedley & Richmond, Phila., Pa.  
 YEOMANS bilge pumps, sewage disposal plants—Yeomans Bros. Co., 231 Institute pl, Chicago, Ill.  
 YORK corn planters & grain drills—Hench & Dromgold Co., York, Pa.  
 YORK gas engines, gasoline traction engines, pumping jacks—Flinchbaugh Mfg. Co., Greencastle, Pa.  
 YORK gas ranges, water heaters—Abendroth Bros., Port Chester, N. Y.  
 YORK padlocks—Slaymaker Lock Co., Lancaster, Pa.  
 YORKLIN thermometers—C. J. Tagliabue Mfg. Co., 18 33d, Brooklyn, N. Y.  
 YORKLYN lavatory trimmings—Speakman Supply & Pipe Co., 113 Market, Wilmington, Del.  
 YORKSHIRE iron—B. M. Jones & Co., 141 Milk, Boston, Mass.  
 YORKTOWN HEIGHTS lime—Palmer Lime & Cement Co., 103 Park av, New York  
 YOST lockfast attachment plugs—Yost Electric Mfg. Co., Toledo, Ohio  
 YOST typewriters—Union Typewriter Co., Bridgeport, Conn.  
 YOST vises, gas soldering furnaces—G. M. Yost Mfg. Co., Meadville, Pa.  
 YOUGH steam pumps—Boyts Porter & Co., Connells-ville, Pa.  
 YOUNKIN oils—Frank L. Young Co., 111 Purchase, Boston, Mass.  
 YOUNG canopy insulators—Mica Insulator Co., 68 Church, New York  
 YOUNG flushing valves—Buckeye Tank & Seat Co., Canton, Ohio  
 YOUNG gear cutting attachments—Mafreto Machine & Tool Co., Worcester, Mass.  
 YOUNG lawn sprinklers—Spray Engng. Co., 93 Federal, Boston, Mass.  
 YOUNG rain water cut-offs—Young Mfg. Co., Bellevue, Ia.



YOUNG water closet bends—Park & McKay, 55 Bagley av, Detroit, Mich.  
 YOUNG AMERICA cider presses—Whitman Agricultural Co., 7000 S. Broadway, St. Louis, Mo.  
 YOUNG GIANT fanning mills—A. P. Dickey Mfg. Co., Racine, Wis.  
 YOUNG GIANT fire pumps—Haile Fire Pump Co., Wayne, Pa.  
 YOUNGSTOWN corrugated iron & steel—Youngstown Sheet & Tube Co., Youngstown, O.  
 YOUREX cutlery—Associated Silver Co., 5 S. Wabash av, Chicago, Ill.  
 YPSILANTI vegetable cutters—O. E. Thompson & Sons, Ypsilanti, Mich.  
 YUNCK store stools—Bryan Novelty Mfg. Co., Bryan, Ohio

Z insulating tape—Revere Rubber Co., 60 High, Boston, Mass.  
 ZANZIBOLIO floor finish—B. Binswanger & Co., 827 W. 3rd, Philadelphia, Pa.  
 ZAPON jet black lacquer—Celluloid Zapon Co., Stamford, Conn.  
 ZAREMBA multiple effects evaporators—Zarembo Co., 710 Morgan bldg., Buffalo, N. Y.  
 ZAREX felt roofing—Flintkote Mfg. Co., 88 Pearl, Boston, Mass.  
 ZASTROW canning factory cranes—Geo. W. Zastrow, 1410 Thames, Baltimore, Md.  
 ZAUBITZ oven thermometers, revolution counters—August Zaubitz, 95 Cliff, New York  
 ZAUGER bits—Lebanon Machine Co., Lebanon, N. H.  
 ZECHER foundry cupolas—Barry & Zecher Co., Lancaster, Pa.  
 ZEE-ZEE rubber tire—Zee-Zee Tire & Rubber Co., 3301 Walnut, Philadelphia, Pa.  
 ZEIGLER steam condensers—Vertical Condenser Co., Gerke bldg., Cincinnati, Ohio  
 ZEISER curb forms—Zeiser Bros., Berwick, Pa.  
 ZEISS refractometers—Bausch & Lomb Optical Co., Rochester, N. Y.  
 ZELNICKER car movers, fire buckets, rail benders, wood handles—Walter A. Zelnicker Supply Co., 325 Locust, St. Louis, Mo.  
 ZELNICKER crayons—Zelnicker Crayon Works, St. Louis, Mo.  
 ZENA flap packing—Randolph Brandt, 70 Cortlandt, New York  
 ZENITH carbonating powders—Church & Dwight Co., 80 Maiden Lane, New York  
 ZENITH cement plaster—United States Gypsum Co., Chicago, Ill.  
 ZENITH electric desk lights—J. H. White Mfg. Co., 111 N. 3rd, Brooklyn, N. Y.  
 ZENITH hame chains—Niagara Falls Metal Stamping Works, Niagara Falls, N. Y.  
 ZENITH lamp chimneys—Macbeth-Evans Glass Co., Pittsburgh, Pa.  
 ZENITH steam heaters—Coatesville Boiler Works, Coatesville, Pa.  
 ZENITH tire air pumps—Buffalo Auto Accessory Mfg. Co., 369 Ellicott, Buffalo, N. Y.  
 ZENO wire connectors—Fort Dearborn Mfg. Co., 1574 Crossing, Chicago, Ill.  
 ZENOBIA chemical engine hose—Electric Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
 ZEPHYR carbureters—P. R. Mfg. Co., 621-59 Bellevue av, Detroit, Mich.

ZEPHYR fishing reels—A. E. Meisselbach & Bros., 29 Congress, Newark, N. J.  
 ZEPHYR lawn swings—Goshen Churn & Ladder Co., Goshen, Ind.  
 ZERK oil & grease cups, gasoline shut-offs—Zerk Mfg. Co., Cleveland, Ohio  
 ZERO electric illuminated signs—Marx Zero Sign Works, 126 N. Peoria, Chicago, Ill.  
 ZERO lubricators—Detroit Lubricator Co., Detroit, Mich.  
 ZERO refrigerators—Heinz & Munschauer, Buffalo, N. Y.  
 ZERO stove lid lifters—New York Stamping Co., N. 11th & Berry, Brooklyn, N. Y.  
 ZERO stove lid lifters, stove door knobs, stove poker, stove trimmings, valve wire wheels—Leonard E. Lynd Mfg. Co., Mechanicsville, N. Y.  
 ZETROC oil tanks & pumps—A. C. Kraft, 323 W. Lake, Chicago, Ill.  
 Z-RO hot air furnaces—Oakland Foundry Co., Belleville, Ill.  
 ZIBELL wire rope coating & lubricant—Zibell Process Compounds Co., 273 Water, New York  
 ZIEGEL'S chimney caps—Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.  
 ZIEGLER electric mine signals, railway crossing signals—United States Apparatus Co., 1529 Columbus av, Boston, Mass.  
 ZIERMORE feed water regulators, gas pressure regulators, fan engine regulators—Ziermore Regulator Co., Johnsonburg, Pa.  
 ZIG ZAG rules—Stanley Rule & Level Co., New Britain, Conn.  
 ZIG-ZAG safety razor blade stroppers—Zig Zag Sales Co., 217 W. Grand av., Chicago, Ill.  
 ZIMAPAN water closets—Humphryes Mfg. Co., Mansfield, Ohio  
 ZIMMERMAN blind fasteners, anti sag strap hinges, window casement adjusters—H. Zimmerman, Fremont, Ohio  
 ZIMMERMAN blind fasteners, fire shutter hinges—G. F. S. Zimmerman & Co., Frederick, Md.  
 ZIMMERMAN fruit evaporators—Blymeyer Iron Works Co., Cincinnati, Ohio  
 ZIMMERMAN patent iron base post caps—S. Cheney & Son, Manlius, N. Y.  
 ZIMMERMAN pitless scales—Zimmerman Steel Co., Lone Tree, Ia.  
 ZINC CITY glazier's points—W. H. Maze Co., Peru, Ill.  
 ZINKOTE enameled iron pipe conduits—Mark Mfg. Co., Evanston, Ill.  
 ZINNIS wire stretchers—Burgess-Norton Mfg. Co., Geneva, Ill.  
 ZIP paint & varnish remover—Jas. H. Prince Paint Co., 5 Lancaster, Boston, Mass.  
 ZODONE disinfectants—Rosenstock Chemical Co., 245 W. 28th, New York  
 ZONE metal polish—Providence Oil Co., 10 Dorrance, Wharf, Providence, R. I.  
 ZOROZO grease—F. S. Walton Co., Orthodox & Delaware, Philadelphia, Pa.  
 ZUBIAN sealing wax—Dicks-Pontius Co., Dayton, Ohio  
 ZURN'S axle grease—O. F. Zurn Co., Broad & Le  
 ZYMOLITE paint & varnish remover—Emil Calman & Co., 100 William, N. Y.



# "A Word to the Wise"

## *Buyers will often save time*

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by applying first to those concerns who advertise their products in this Register.

The products advertised are those for which there is a *National* demand and are generally the best of their kind.

Products not advertised often have only a *local* sale, beyond which demand is not sought for them.



# ALPHABETICAL SECTION

Contains the names of all firms and individuals appearing in the "Classified Trades Section" arranged alphabetically with particulars of their main industry.

The address of the head office or works only is given; branch office and works addresses will be found among the various classified lists.

While every effort has been made to insure the correctness of the information appearing herein, no responsibility can be assumed for any errors or omissions.

*The publishers will be pleased to receive any information or suggestions which would add to the value of this section.*

- A-1 Metallic Products Co., stamping, sheet metal, 711 Canal rd, Cleveland, O.
- A-A Elec. Mfg. Co., ground connection clamps, 355 Water, Bridgeport, Conn.
- A. & A. Rubber Co., rubber heels, Framingham, Mass.
- A. A. Wire Co., Newark, N. J.
- A. A. A. Spooling & Winding Co., fish line mfrs., Auburn, R. I.
- Aalbu Bros., mchsts. & fndrs., Everett, Wash.
- Aaron Bros., flour mills, Martinsville, Va.
- Abacus Constr. Co., Atlantic City, N. J.
- Abadie, E. H., bldg. contr., Merchant-Laclede Bldg., St. Louis, Mo.
- Abair, Frank X., contractor, 212 15th st, Denver, Colo.
- Abaqua Lumber Co., Woodburn, Ore.
- Abate Bros., contractors, 308 Ferry, New Haven, Conn.
- Abbaduska, E. T., masons' & bldrs. matls., Waldron, Mich.
- Abbe Engineering Co., 220 B'way, New York.
- See adv. index at end of book.*
- Abbe Hardware Co., New Britain, Conn.
- Abbe, Paul C., bark, barley, drug & dye stuff mills, etc., 30 Broad, New York.
- Abbeville Cotton Mill, cotton sheetings, Abbeville, S. C.
- Abbey, Frank R., packing box mfr., 15 William, New York.
- Abbey & Imbrie, fishing tackle mfrs., 15 Warren, New York.
- Abbey, W. B., masons' & bldrs. matls., 15 Clinton, Newark, N. J.
- Abbot Cornice Works, 151 W. 63d, Chicago, Ill.
- Abbot & Downing Co., street sweeping machy., Concord, N. H.
- Abbot Sheet Metal Wks., cornices, 816 S. Wabash av, Chicago, Ill.
- Abbott, A. H., & Co., archts. & engrs. instruments & supplies, 119 N. Wabash av, Chicago, Ill.
- Abbott Ball Co., steel balls and tumbling barrels, burnishing and polishing machines, Elmwood Station, Hartford, Conn.
- See adv. index at end of book.*
- Abbott Bros., pkg. box mfrs., Springfield, Ill.
- Abbott, C. T., mchsts. & fndrs., Woodstock, Ill.
- Abbott, Chas. F., contractor, Oakville, Conn.
- Abbott & Co., mchsts. & fndrs., Hudson, Mich.
- Abbott Corp., automobiles, 960 Lafayette av, E., Detroit, Mich.
- Abbott, D. E., & Co., mouldings, Huntington, W. Va.
- Abbott, D. S., Co., mchsts. & fndrs., Olean, N. Y.
- Abbott, E. A., contractor, 185 Devonshire, Boston, Mass.
- Abbott, E. T., Constr. Co., 1135 B'way, New York.
- Abbott, Frank B., architect, 140 S. Dearborn, Chicago, Ill.
- Abbott, Frank I., lbr., 2201 Loomis, Chicago, Ill.
- Abbott Hdwe. Co., 636 Columbus av, New York.
- Abbott, John C., contractor, Plainfield, N. J.
- Abbott, Jno. G. (est. of), children's cradles, mattresses, etc., Antrim, N. H.
- Abbott, Johnson R., mach. & fdr., Greenfield, Ind.
- Abbott Laboratories, chemicals, 4753 Ravenswood av, Chicago, Ill.
- Abbott Manufacturing Co., fertilizer, Louisville, Ga.
- Abbott Mfg. Co., hangers, Cleveland, Ohio.
- Abbott Packing & Ice Co., meat packers, Carnegie, Pa.
- Abbott Piano Action Co., Fort Lee, N. J.
- Abbott, S. B., agricultural implements, Goshen, Ind.
- Abbott, Sam'l, arc lamp pulleys, Cleveland, Ohio.
- Abbott, Sam'l B. (Est. of), stone, Dover, N. H.
- Abbott & Son, who. hdwe., Marshalltown, Ia.
- Abbott, W. H., mchsts. & fndrs., Hudson, Mich.
- Abbott, W. H., signs, name plates, 143 42d, New York.
- Abbott, W. H., soap, fertilizer, Holyoke, Mass.
- Abbott, Wm. G., ship bldrs., Milford, Del.
- Abbott's, M., Sons, heating contrs., cornices, 137 8th av, New York.
- Abbott's Machine Shop, Frederick, Md.
- A. B. & B. Specialty Co., brewers & maltsters & shavings washing machy., 764 Windlake av, Milwaukee, Wis.
- A. B. C. Castings Co., machsts. & fndrs., 6515 Carnegie av, Cleveland, O.
- A. B. C. Elevator Gate Co., 145 W. 13th, New York.
- Abeel, Addison J., bristles, 181 Pearl, New York.
- Abel, A. F., contractor, 1 Wood, Ptg., Pa.
- Abel Bach Co., trunks, traveling bags, etc., 1005 Clymer, Milwaukee, Wis.
- Abel Lime & Cement Co., Davenport, Ia.
- Abel, T. W., mchsts., Fond du Lac, Wis.
- Abel, Victor D., architect, 139 S. 15th, Phila., Pa.
- A. B. Elec. Elevator Co., 220 B'way, New York.
- Abeles, Chas. T. & Co., glass, Little Rock, Ark.
- Abeles & Taussig, ties, poles, Commercial Bldg., St. Louis, Mo.
- Abell Elev. Co., 114 N. 8th, Louisville, Ky.
- Abell, Otis, contractor, Winona, Minn.
- Abell, Ralph E., architect, Elgin, Ill.
- Abelson, A., scrap iron, Altoona, Pa.
- Abenague Mach. Wks., Westminster Station, Vt.
- Abendroth Bros., mchsts. & fndrs., Port Chester, N. Y.
- Abendroth, G. Irving, Co., steel stacks, tanks, pumps, etc., 10 E. 43d, New York.
- Abendroth & Root Mfg. Co., automobile bldrs., mining machy., etc., Newburgh, N. Y.
- Abercrombie, David T., Co., camp furniture, 17 Warren, New York.
- Abercrombie & Fitch Co., motor boat bldrs.; gun holsters; buckets, Madison av & 45th, New York.
- Abercrombie Stone Co., St. Joseph, Mo.
- Aberdeen Granite Wks., West Quincy, Quincy, Mass.
- Aberdeen Lumber & Shingle Co., Aberdeen, Wash.
- Aberdeen Mill Co., flour, Aberdeen, S. D.
- Abernathy Furniture Co., mattresses, Kansas City, Mo.
- Abernathy Lyerly Co., lbr. mfrs., Bridgewater, N. Car.
- Abernathy Vise & Tool Co., 227 Englewood av, Chicago, Ill.
- Aberogwen Mont'l Wks., West Quincy, Quincy, Mass.
- Aberthaw Cons. Co., reinforced concrete steel cons., 27 School, Boston, Mass.
- A. B. Fireproofing Co., Schiller Bldg., Chicago, Ill.
- Abingdon Cement Tile Wks., Abingdon, Ill.
- Abingdon Milling Co., flour, Abingdon, Va.
- Abingdon Mills, cotton, Huntsville, Ala.
- Abingdon Paving Brick & Tile Co., Abingdon, Ill.
- Abingdon Sanitary Mfg. Co., plumbers' sanitary earthenware, Abingdon, Ill.
- Abingdon Trap Co., Abingdon, Ill.
- Abingdon Wagon Co., Abingdon, Ill.
- Able Bag & Burlap Co., 1412 Blue Island av, Chicago, Ill.
- Abner Mfg. Co., gas machines, Wapakoneta, Ohio.
- A. B. Polish Co., metal, furniture & stove polishes, 1515 Haddon av, Chicago, Ill.
- Abraham Cement Tool Co., 27 Woodward av, Detroit, Mich.
- Abraham & Wood, architects, Scherer Bldg., Detroit, Mich.
- Abrahamson Brick Co., Seattle, Wash.
- Abrahms, F. M., architect, Rockville Center, N. Y.
- Abrames, Harvey, architect, Arcade Bldg., Norfolk, Va.
- Abramovitz & Schwartz, trunk mfrs., 195 Wooster, New York.
- Abrams, L., & Sons, trunk mfrs., 1234 W. Chicago av, Chicago, Ill.
- Abrams Paint & Glass Co., Richmond, Va.
- Abramsen Engineering Co., rolling mill machinery, Union Bank Bldg., Pittsburgh, Pa.
- Abramson, Louis A., architect, 220 5th av, New York.
- Abrasive Co., emery & corundum wheel mfrs., Philadelphia, Pa.
- Abrasive Mining & Mfg. Co., corundum & emery mfrs., Plymouth, Ind.
- Abrems Flooring Co., hardwood flooring, Dewey av, Buffalo, N. Y.



- Abresch, Chas., Co., wagons—brewers', bldrs, dairy, etc., 398 4th, Milwaukee, Wis.
- Abrew, John L., masons' & bldrs. matls., Islip, N. Y.
- Abronski Bros., cornices, 1615 Stiles, Philadelphia, Pa.
- Abbley Lbr. Mfg. Co., Scranton, Pa.
- A. B. Stove Co., Battle Creek, Mich.
- Abt, L., cornices, 2651 W. 12th, Chicago, Ill.
- Abt, Ludwig, architect, Moberly, Mo.
- Acadia Iron Works, Ltd., Crowley, La.
- Acason Motor Truck Co., 291 12th, Detroit, Mich.
- Accident Cabinet Co., medicine cabinets, Kalamazoo, Mich.
- Accurate Engineering Co., 2419 W. 14th, Chicago, Ill.
- Accurate Measure Mfg. Co., advtg. tape, 44 E. 25th, New York.
- Acer & Whedon, sheet metal stamping, Medina, N. Y.
- Acetylene Journal Pubg. Co., trade publications, 122 S. Michigan av, Chicago, Ill.
- Acetylene Stove Co., 1232 E. 3d, Cleveland, O.
- Ach, Abraham & Son, tin plate, metals, etc., Dayton, Ohio.
- Ach, David M., architect, 1 Madison av, New York.
- Achee, Elphez, brick, Labadieville, La.
- Acheson Fdry. & Mach. Wks., Chattanooga, Tenn.
- Acheson Graphite Co., pine joint compounds, Niagara Falls, N. Y.
- Acheson Mfg. Co., mchsts. & fndrs., Rankin, Pa.
- Acheson Oildag Co., cutting compounds, Niagara Falls, N. Y.; and lub. oils, Port Huron, Mich.
- Achey, Benj., masons' & bldrs. matls., Quakertown, Pa.
- Aching, Chas. J., who. hdwe., Lawrence, Kans.
- Acid Proof Iron Prod. Co., acid resisting castings, Hermon & Pennington, Newark, N. J.
- Acieral Co. of America, alum. alloys, 26 Cortlandt, New York.
- Ackenhausen Saddlery Co., Leavenworth, Kans.
- Acker, A. L., architect, 182 E. Vernon av, Los Angeles, Cal.
- Acker, J. Fred, contractor, Glens Falls, N. Y.
- Ackerly, Paul, cotton twine, Vernon, Conn.
- Ackerman, Christ, & Sons, contrs., Sheboygan, Wis.
- Ackerman, Hy. I., brick, Morton, Pa.
- Ackerman, Hy., Piano Co., Marion, Ohio.
- Ackerman & Johnson, slaters' tools, Bangor, Pa.
- Ackerman-Johnson Co., expansion bolts, 631 W. Jackson Bl., Chicago, Ill.
- Ackerman, Newton, architect, Eureka, Cal.
- Ackerman Telephone Co., 631 W. Jackson, Chicago, Ill.
- Ackerman Wheel Co., Rockefeller Bldg., Cleveland, O.
- Ackerman, Wm. S., architect, Silk City Trust Bldg., Paterson, N. J.
- Ackerson, Pinkowitz & Sibulash, umbrella handles and sticks, 247 Centre, New York.
- Ackley Brake & Supply Corp., 50 Church, New York.
- Ackley & Luft, contractors, Ellensburg, Wash.
- Ackley, Robert T., coils, Cortland, O.
- ACKLIN (THE) STAMPING CO.**, 1579 Dorr, Toledo, Ohio.  
*See adv. index at end of book.*
- Ackroyd & Best (Ltd.), miners' safety lamps, Arrott Power Bldg., Pittsburgh, Pa.
- Ackroyd, Jas., & Sons, cornices and skylights, Albany, N. Y.
- Acme Asbestos Covering & Supply Co., asbestos in all forms, 401 N. Ada, Chicago, Ill. *See adv. index at end of book.*
- Acme Bedding Co., mattresses, 1511 Bates, Indianapolis, Ind.
- Acme Belting Co., mfrs., Niles, Mich.
- Acme Box Co., 1401 W. 21st pl, Chicago, Ill.
- Acme Box Co., Omaha, Neb.
- Acme Box & Lumber Co., packing box, 3471 E. 49th, Cleveland, O.
- Acme Brass Fdry Co., Los Angeles, Cal.
- Acme Brass Wks., 147 Baxter, New York.
- Acme Brick Co., shale face brick, Cayuga, Ind.
- Acme Brick Co., 2320 S. Crawford av, Chicago, Ill.
- Acme Brick Co., Fort Worth, Tex.
- Acme Brick Co., Marietta, O.
- Acme Burlap Bag Co., 335 Cherry, New York.
- Acme Cabinet Co., 116 W. 32d, New York.
- Acme Canning Co., Machias, Me.
- Acme Canning Co., Midway, Tenn.
- Acme Carbureter & Mfg. Co., Dayton, Ohio.
- Acme Cement Plaster Co., Frisco Bldg., St. Louis, Mo.
- Acme Coal & Lime Co., masons' & bldrs. matls., Terre Haute, Ind.
- Acme Coal, Wood & Builders' Supply Co., Toledo, O.
- Acme Column Co., 96 Bayard, Brooklyn, N. Y.
- Acme Compound Mfg. Co., 102 N. 5th av, Chicago, Ill.
- Acme Cornice, Skylight & Roofing Co., 30 Fernando, Pittsburgh, Pa.
- Acme Diamond Tool Co., diamond tool mfrs., 56 Liberty, New York.
- Acme Die Casting Corp., 87 35th, Brooklyn, N. Y.
- Acme Elec. Heater Co., sad irons & toasters, 235 Mt. Elliott av, Detroit, Mich.
- Acme Engine Co., Lansing, Mich.
- Acme Equipment & Engineering Co., Garfield Bldg., Cleveland, O.
- Acme-Evans Co., flour mills, Indianapolis, Ind.
- Acme-Evans Co., flour mills, Louisville, Ky.
- Acme Extract & Chemical Wks., varnish mfrs., Hanover, Pa.
- Acme Fancy Wire Wks., archl. iron, Detroit, Mich.
- Acme Fire Clay Wks., common brick, New Cumberland, W. Va.
- Acme Fishing Tool Co., mchsts. & fndrs., Parkersburg, W. Va.
- Acme Folding Boat Co., folding bath tubs, Miamisburg, Ohio.
- Acme Forge & Machine Co., Bloomington, Ill.
- Acme Fdry. Co., 308 N. Henry, Brooklyn, N. Y.
- Acme Fdry Co., Clay Center, Kans.
- Acme Foundry Co., machinists & fdrs., 5217 Sweeney av, Cleveland, O.
- Acme Foundry Co., Isabel & M. C. R. R., Detroit, Mich.
- Acme Freezer Co., 1543 N. Hutchinson, Phila., Pa.
- Acme Furnace Equipt. Co., 39 Cortland, New York.
- Acme Gas & Elec. Fixture Co., 132 W. 14th, New York.
- Acme Glass Co., glass bottles, Olean, N. Y.
- Acme Glass Sand Co., Coxville, Ind.
- Acme Gold Pen Co., 17 Vandewater, New York.
- Acme Guard Co., 150 Nassau, New York.
- Acme Handle Co., 265 Lafayette, New York.
- Acme Hardwood Floor Co., 1144 Sutter, San Francisco, Cal.
- Acme Harvesting Machine Co., Peoria, Ill.
- Acme Iron & Wire Works, 485 6th, San Francisco, Cal.
- Acme Kitchen Furniture Co., cabinets; book cases, Chattanooga, Tenn.
- Acme Knitting Machine & Needle Co., Franklin, N. H.
- Acme Level Co., Toledo, Ohio.
- Acme Lumber Co., sash, door & blind, New Castle, Pa.
- Acme Lumber Co., 1023 Hibernia, New Orleans, La.
- Acme Lumber Co., 6th & Channel, San Francisco, Cal.
- Acme Lumber & Mfg. Co., Florence, Ala.
- Acme Mach. Co., St. Joseph, Mo.
- Acme Machine Tool Co., 2235 Buck, Cincinnati, Ohio.
- Acme Mach. Wks., cut and internal gears, 1500 N. 18th, St. Louis, Mo.
- Acme Machinery Co., bolt & nut machinery, 4533 St. Clair av, Cleveland, Ohio.
- Acme Mfg. Co., cedar chests, South Bend, Ind.
- Acme Mfg. Co., chains, Waterbury, Conn.
- Acme Mfg. Co., fertilizer, Wilmington, N. C.
- Acme Mfg. Co., ladders, 1806 East, Pittsburgh, Pa.
- Acme Mfg. Co., pipe clamps, hammers, hangers, etc., Bangor, Me.
- Acme Mfg. Co., stamping dies, 355 Howard, Detroit, Mich.
- Acme Mattress Co., Kansas City, Mo.
- Acme Metal Ceiling Co., cornices, 753 W. Van Buren, Chicago, Ill.
- Acme Metal Mfg. Co., brass founders, 327 N. Wabash, Chicago, Ill.
- Acme Metal Stamping Co., junction boxes, 429 Prospect, N. W., Cleveland, Ohio.
- Acme Mill Supply Co., 838 Guardian Bldg., Cleveland, O.
- Acme Mill Works, flour mill machy., Greensboro, N. C.
- Acme Milling Co., buckwheat flour, Corry, Pa.
- Acme Milling Co., flour, Oklahoma, Okla.
- Acme Milling Co., flour, Talbott, Tenn.
- Acme Mills, flour, Hopkinsville, Ky.
- Acme Motor Truck Co., 808 E. Woodbridge, Detroit, Mich.
- Acme Nail & Supply Co., 422 Frankfort av, Cleveland, O.
- Acme Nov. Co., card tables, Jamestown, N. Y.
- Acme Oil Engine Co., machsts., Bridgeport, Conn.
- Acme Packing Co., 2226 S. La Salle, Chicago, Ill.
- Acme Pattern & Mach. Co., Buffalo, N. Y.
- Acme Pattern Wks., 11 Woodbridge, W. Detroit, Mich.
- Acme Paving & Crusher Co., contrs., Commerce Bldg., Kansas City, Mo.
- Acme Planing Mill Co., Portland, Ore.
- Acme Plating & Spec. Co., Rochester, N. Y.
- Acme Polish Co., metal, 71 12th, Pittsburgh, Pa.
- Acme Preserve Co., Adrian, Mich.
- Acme Press Cloth Co., Frankford, Phila., Pa.
- Acme Print Co., textile machy. supplies, Reading, Pa.
- Acme Printing Ink Co., 548 W. Harrison, Chicago, Ill.
- Acme Road Machy. Co., Frankfort, N. Y.
- Acme Roofing Co., cornices, 797 Russell, Detroit, Mich.
- Acme Rubber Mfg. Co., Trenton, N. J.
- Acme Sanitary Pottery Co., Trenton, N. J.
- Acme Shear Co., Bridgeport, Conn.
- Acme Sheet Metal Co., Martins Ferry, O.
- Acme Specialty Mfg. Co., heaters, Toledo, O.
- Acme Spring Bed & Mattress Co., Fort Smith, Ark.
- Acme Stamping Co., steel kegs, Shamokin, Pa.
- Acme Staple Co. (Ltd.), paper stapling machs., Camden, N. J.
- Acme Steel Goods Co., 2834 Archer av, Chicago, Ill.  
*See adv. index at end of book.*
- Acme Steel & Malleable Iron Wks., 245 Military rd, Buffalo, N. Y.
- Acme Supply Co., mchsts. & fndrs., 28 E. Jackson boul, Chicago, Ill.
- Acme Supply Co., masons' & builders' supplies, 26th & Warwick av, Newport News, Va.
- Acme Tag Co., 2840 Fremont av, Minneapolis, Minn.
- Acme Tent & Awning Co., 2400 N. 10th, St. Louis, Mo.
- Acme Tool & Die Co., Syracuse, N. Y.
- Acme Universal Joint Mfg. Co., Kalamazoo, Mich.
- Acme Veneer & Lumber Co., 8th & Harriet, Cincinnati, Ohio.
- Acme Wagon Co., Emigsville, Pa.
- Acme White Lead & Color Works, Milwaukee Jct. nr. St. Aubin av, Detroit, Mich.
- Acme Wire Co., New Haven, Conn.
- Acme Woolen Mill Co., felts cotton, 1294 W. 70th, Cleveland, O.
- A. & C. Mill Co., lumber, Edmonds, Wash.
- Acocella, J. B., architect, 9 Clinton, Newark, N. J.
- Acocella, Michael A., architect, Mount Vernon, N. Y.
- Acomb-Keiler Bldg. Co., 2d & Natl. Bk. Bldg., Cincinnati, O.



- Acorn Brass Mfg. Co., envelope sealing machines, etc., 526 South Clinton, Chicago, Ill.
- Acorn Buggy Co., carriages, 5th & Eggleston av, Cincinnati, O.
- Acorn Insulated Wire Co., 77 Richards, Brooklyn, N. Y.
- Acorn Lumber Co., Oliver Bldg., Pittsburgh, Pa.
- Acorn Web Mills, North Wales, Pa.
- A. & C. Stone & Lime Co., masons' & bldrs.' matls., 17 N. Pennsylvania, Indianapolis, Ind.
- Active Glass Co., 169 N. Ann, Chicago, Ill.
- Acton, John, steam traps, oil filters, machy., regulators, valves, etc., 118 John, Brooklyn, N. Y.
- Acton Products Co., canned goods, Acton, Ind.
- Acushnet Iron Co., mchsts. & fdrs., New Bedford, Mass.
- Acushnet Mills Corp., cotton sheetings, New Bedford, Mass.
- Acushnet Process Co., rubber goods, Acushnet, Mass.
- Acushnet Saw Mills Co., box shooks, Acushnet, Mass.
- Ada Clay Co., brick and tile, Ada, O.
- Ada Coal & Lumber Co., masons' & bldrs. matls., Ada, O.
- Ada College of Engineering, Ada, O.
- Ada Granite Co., Ada, O.
- Ada Coal & Lumber Co., masons' & bldrs.' matls., Ada, O.
- Adair, A. D., & McCarthy Bros., phosphate acid, Atlanta, Ga.
- Adair, Geo. B., & Son Co., mill & facty. supplies, 514 1st av, S., Seattle, Wash.
- Adair, Richard H., architect, Parkersburg, W. Va.
- Adam Bros. Co., paint mfrs., Erie, Pa.
- Adam Bros. & Sellers Fig Co., canned goods, Alvin, Tex.
- Adam, Frank, Elec. Co., Inc., cut-outs and switchboards, 914 Pine, St. Louis, Mo.
- Adam, John, contractor, Lebanon, Ind.
- Adam, Louis A., architect, 122 E. 25th, New York.
- Adams, A. F., architect, 3623 Wyandotte, Kansas City, Mo.
- Adams, A., Jr., canned goods, Sunland, Cal.
- Adams, A. L., drill, anvil & vise combined, Cedar Rapids, Ia.
- Adams, A. L., mchsts., Bridgeport, Conn.
- Adams, A. L., Paper Co., Baldwinville, Mass.
- Adams, A. M., architect, 1012 Walnut, Phila., Pa.
- Adams & Adams, architects, Gibbs Bldg., San Antonio, Tex.
- Adams, Albert L., contractor, 217 E. 5th, New York.
- Adams, Albert, & Son, contractors, Zanesville, O.
- Adams, Arthur F., architect, 822 Sprague av, Spokane, Wash.
- Adams Bag Co., paper mills & paper bag mfrs., Euclid Bldg., Cleveland and Chagrin Falls, O.
- Adams-Bagnall Electric Co., lighting equipment, Platt av, Cleveland, Ohio.
- Adams Brick Co., Martinsville, Ind.
- Adams Bros., flour mills, Cadiz, Ky.
- Adams Bros., machsts., 224 Eddy, Providence, R. I.
- Adams Bros. & Co., mchsts., 3020 Cottage Grove av, Chicago, Ill.
- Adams Bros. Contr. Co., masons' & bldrs.' matls., Zanesville, O.
- Adams Bros. Mfg. Co., elec. heaters, Fayette & Chartiers, Pittsburgh, Pa.
- Adams Bros. Payne's Co., Lynchburg, Va.
- Adams, C. N., brick, Alexandria, La.
- Adams, C. R., mchsts. & fdrs., Venter, Va.
- Adams, Campbell Co., Los Angeles, Cal.
- Adams Carriage Co., Dover & Lisbon, O.
- Adams, Chas. J., & Sons, contractors, 24 Gold, New York.
- Adams, Chas. S., contractor, Pleasantville, N. J.
- Adams, Clyde S., architect, 1509 Arch, Phila., Pa.
- Adams Co., gear machy., machsts. & fdrs., stove trimmings, vises, etc., Dubuque, Ia.
- Adams Constr. Co., 111 W. Washington, Chicago, Ill.
- Adams County L'br. Co., Decatur, Ind.
- Adams, Cushing & Foster, fountain pens, tablets & pads, 168 Devonshire, Boston, Mass.
- Adams, D. C., Crayon Co., mfrs. all kinds of crayon, 125 Market, St. Louis, Mo. *See adv index at end of book.*
- Adams, D. E., Co., silk thread, 225 5th av, New York.
- Adams, D. L., lumber, Portland, Ind.
- Adams, Dan'l., sash, door & blind mfrs., 2940 Marshall, Philadelphia, Pa.
- Adams & Duford Co., stone producers, Chaumont, N. Y.
- Adams, E. B., & Son, machsts., Racine, Wis.
- Adams, E. G., artificial stone laundry tubs, Kingston, N. Y.
- Adams, Edward P., landscape architect, Exchange Bldg., Boston, Mass.
- Adams & Elting Co., mfrs. paints, varnishes, enamels, etc., 724 Washington Blvd., Chicago, Ill.
- Adams, Enos, Co., quartz, soap, Bennington, Vt.
- Adams, Frank, architect, 216 Boerum, Brooklyn, N. Y.
- Adams, Frank P., cooperage stock, Bluffton, Ind.
- Adams, Fred C., Co., soap makers & mill & factory supplies, oils, etc., 234 S. La Salle, Chicago, Ill.
- Adams, Fred M., masons' & bldrs.' matls., Elgin, Ill.
- Adams, G. E., cornices, Glens Falls, N. Y.
- Adams, Geo. G., architect, 288 Essex, Lawrence, Mass.
- Adams, Geo. H., Co., knitting & latch needles & machy., Hill, N. H.
- Adams, Geo. J., machy. dlr., 39 South, New York.
- Adams, H., heating & ventilating engineer, 1263 Calvert Bldg., Baltimore, Md.
- Adams, H. & Son, who, hdwe., Tyler, Tex.
- Adams Hardware & Paint Co., Lowell, Mass.
- Adams & Hart, machy. dlr., Grand Rapids, Mich.
- Adams Heating Plumbing Co., Helena, Mont.
- Adams, Hollopeter & Mallett, elec. fix. mfrs., 353 Sutter, San Francisco, Cal.
- Adams Husker Co., agricultural implements, Marysville, Ohio.
- Adams, J. A., & Sons Co., Ltd., lumber mfrs., Ruston, La.
- Adams, J. B., lime mfrs., Birmingham, Ala.
- Adams, J. D., & Co., road machs. & graders, Indianapolis, Ind.
- Adams, J. E., architect, Johnstown, Pa.
- Adams, J. M., parquet floors, 330 N. Charles, Baltimore, Md.
- Adams, J. R. M., whol. hdwe., Eutaw & Franklin, Baltimore, Md.
- Adams, J. T., card feed rolls, Lowell, Mass.
- Adams, J. T., contractor, Columbus Saving & Trust Bldg., Columbus, O.
- Adams & Jewell, asbestos pipe coverings, Rome, N. Y.
- Adams, John E. S., carriages, 28 Huneman, Boston, Mass.
- Adams, John J., machsts., Worcester, Mass.
- Adams & Johnson Co., harness, saddles & strap work, Galesburg, Ill.
- Adams & Kelly Co., masons' & bldrs.' matls., Omaha, Nebr.
- Adams & Kirby, architects, 17 W. 42d, New York.
- Adams & Langford, flour mills, Harrodsburg, Ky.
- Adams Laundry Machy. Co., Troy, N. Y.
- Adams, Lloyd P., architect, Geneva, N. Y.
- Adams Mfg. Co., buckram, 31 E. 32d, New York.
- Adams Mfg. Co., glue, 2823 S. 9th, Minneapolis, Minn.
- Adams Mfg. Co., mosquito netting, Shelton, Conn.
- Adams Mfg. Co., stationers' specialties, 80 E. Plumstead, Phila., Pa.
- Adams Mfg. Co., window screens, Los Angeles, Cal.
- Adams Mattress Co., Adams, Mass.
- Adams-Morgan Co., wireless instruments, Upper Montclair, N. J.
- Adams, Norman W., architect, 619 Summit av, Syracuse, N. Y.
- Adams, P. D., architect, Boothbay, Me.
- Adams Paper Co., Wells River, Vt.
- Adams, Payne & Gleaves, masons' & bldrs.' matls., Roanoke, Va.
- Adams, Percy C., architect, Woodward Bldg., Washington, D. C.
- Adams-Pond Co., contractors, 40 Aspinwall av, Boston, Mass.
- Adams & Powers, sash, door & blind mfrs., Worcester, Mass.
- Adams, R. T., & Co., parquet floors, 15 Milk, Boston, Mass.
- Adams & Raymond Veneer Co., Indianapolis, Ind.
- Adams, Rayus, architect, 7 W. 42nd, New York.
- Adams, Robt. T., fertilizer mfrs., Macon, Ga.
- Adams-Rogers Co., sash, door & blind mfrs., Indianapolis, Ind.
- Adams & Ruxton Construction Co., Springfield, Mass.
- Adams, S. G., Stamp & Seal Co., 412 N 6th, St. Louis, Mo.
- Adams, S. H., cooperage stock, Portland, Ind.
- Adams, S. & Son, agricultural implements, Rome, N. Y.
- Adams & Schneider, contractors, Chattanooga, Tenn.
- Adams Ship Bldg. Co., East Boothbay, Me.
- Adams & Sullivan, contractors, Louisville, Ky.
- Adams & Taylor Mach. Co., Fort Wayne, Ind.
- Adams, Thos. J., & Co., varnish mfrs., 3605 N. 4th, Phila., Pa.
- Adams Truck, Foundry & Machine Co., Findlay, O.
- Adams, U. S., & Co., lumber, Townsend, Mass.
- Adams, W. A., flour mills, Simpsonville, S. C.
- Adams, W. T., Mach. Co., Corinth, Miss.
- Adams, W. W., & Sons, heating contrs., No. Calhoun, Baltimore, Md.
- Adams & Westlake Co., railroad specialties, 319 W. Ontario, Chicago, Ill.
- Adams & White Co., archt. & engrs.' supplies, 94 Pearl, Buffalo, N. Y.
- Adams, Wm., architect, 15 W. 38th, New York.
- Adams, Wm., Co., contractors, 209 La Salle, Chicago, Ill.
- Adams, Wm., Fdry. Co., 960 N. 9th, Phila., Pa.
- Adams, Winfield, Pleasantville, N. J.
- Adamson & Anderson, who. & retail plate & window glass, Terre Haute, Ind.
- Adamson, G. H., contractor, 1325 Green, Salt Lake City, Utah.
- Adamson, J. H., contractor 57 Ann, New York.
- Adamson, Jos., & Co., elastic & cotton webbing, Columbia & Gtn. av, Phila., Pa.
- Adamson Machine Co., Akron, Ohio.
- Adamson Mfg. Co., tire vulcanizers, East Palestine, Ohio.
- Adamstown Canning & Supply Co., Adamstown, Md.
- Adapt Machy. Co., 1624 Wabash av, Chicago, Ill.
- Adapti Mfg. Co., conduit fittings, Cleveland, Ohio.
- Adco, Inc., advt. signs, 381 4th av, New York.
- Adde & Co., machsts. & mill & facty. supplies, Portland, Me.
- Adden & Parker, architects, 12 Bosworth, Boston, Mass.
- Addenbrook's, J. U., Sons, contractors, Norfolk, Va.
- Adder Mach. Co., Wilkes-Barre, Pa.
- Addikson & Bauer, who. hdwe., Jackson, Miss.
- Addison Bros., lumber, Lorane, Ore.
- Addison Packing Co., canned goods, Southwest Harbor, Me.
- Addressing Mach. Co., Buffalo, N. Y.
- Addressograph Co., addressing & mailing machines, 903 W. Van Buren, Chicago, Ill.
- Addy, Matthew, Co., iron ores, coal & coke, 1st National Bank Bldg., Cincinnati, Ohio.
- Ade, Carl C., architect, 344 East av, Rochester, N. Y.
- Adee, Fred., Co., plumbers' supplies-jobbers, 3 Cliff, New York.
- Adelano Co., woolfat, 135 Front, New York.
- Adell Canning Co., Adell, Wis.
- Adell Mfg. Co., hdwe. & sheet metal stamping, Orange, Mass.
- Adelsohn, E. M., architect, 1776 Pitkin av, Brooklyn, N. Y.
- Adelson, Mose D., scrap iron, Pittston, Pa.



- Ader, Frank G., Construction Co., Newport, Ky.  
 Adirondack Elec. Power Corp., Glens Falls, N. Y.  
 Adirondack Silo Co., Malone, N. Y.  
 Adjustable Clamp Co., 216 N. Jefferson, Chicago, Ill.  
 Adjustable Fixture Co., 305 Mfrs. Home, Milwaukee, Wis.  
 Adjustable Lighter Assn., cigar & gas lighters, Newton, Mass.  
 Adjustable Name Stamp Co., Clinton, Wis.  
 Adjustable Table Co., adding mach. stands, Grand Rapids, Mich.  
 Adjusto Spec. Co., sheet mtl. goods mfrs., Springfield, Mass.  
 Adkins, E. S. & Co., lbr., sashes, etc., Salisbury, Md.  
 Adkins, Young & Allen Co., mill & facty. supplies, 561 Wash. blvd., Chicago, Ill.  
 Adkinson Bros. Co., lumber, Carrollton, Ky.  
 Adler, Abraham K., architect, McCormick Bldg., Chicago, Ill.  
 Adler Color & Chemical Wks., 100 William, New York.  
 Adler, H., Co., mchsts. & fndrs., gas stoves, Carnegie, Pa.  
 Adler, Jacob & Co., leather gloves, Gloversville, N. Y.  
 Adler Mfg. Co., organs, pianos, Louisville, Ky.  
 Adler & Oberndorf, meat packers, 46th & Packers av., Chicago, Ill.  
 Adler Underwear & Hosiery Mfg. Co., Harrison & Queen City avs., Cincinnati, Ohio.  
 Adler Veneer Seat Co., Paynter av., L. I. City, N. Y.  
 Adlerhurst Iron Co., West Haven, Conn.  
 A. D. Mfg. Co., traps, bath waste, Detroit, Mich.  
 Admiral Anchor Co., Chester, Pa.  
 Admiral Hay Press Co., Kansas City, Mo.  
 Admiral Welding Mach. Co., Kansas City, Mo.  
 Adloff, Aug. M., iron, 2118 1st av., New York.  
 Adolph, Jos., contractor, Lancaster, N. Y.  
 Adoue-Keown Hardware Co., Houston, Tex.  
 Adovasio, Louis, & Co., contractors, Youngstown, Ohio.  
 Adreon Mfg. Co., car replacers, clamps, braces, etc., Security Bldg., St. Louis, Mo.  
 Adrian Furnace Co., blast, Dubois, Pa.  
 Adrian Iron & Metal Co., scrap rubber, Adrian, Mich.  
 Adrian Steel Casting Co., Adrian, Mich.  
 Adrian Wire Fence Co., Adrian, Mich.  
 Adriance Mach. Wks., 254 Van Brunt, Brooklyn, N. Y.  
 Adriance, Peter & Son, cornices, Poughkeepsie, N. Y.  
 A. & D. Sheet Metal Wks., cornices, Kalamazoo, Mich.  
 A. D. Standard Contrg. Co., 225 Lexington av., New York.  
 Adt, Jno. B., Co., freight elev. machy. mfrs. & mill & facty. supplies, 326 N. Holliday, Baltimore, Md.  
 Advance Bag Co., Middletown, Ohio.  
 Advance Bedding Co., mattresses, La Crosse, Wis.  
 Advance Car Mover Co., Appleton, Wis.  
 Advance Co., ventilating apparatus mfrs., Richmond, Ind.  
 Advance Elec. Co., 20 N. Commercial, St. Louis, Mo.  
 Advance Elec. & Mfg. Co., junction boxes, switchboards, etc., Kansas City, Mo.  
 Advance Engineering Co., Metta av., Cleveland, Ohio.  
 Advance Fire Clay Co., Uhrichsville, Ohio.  
 Advance Fdry. Co., Dayton, Ohio.  
 Advance Glass Co., Newark, O.  
 Advance Grease Co., Wan, Mfg.  
**ADVANCE GREASE CO.**, lubricating oils & greases, 170 S. Water, Jackson, Mich.  
 Advance Lumber Co., Rockefeller Bldg., Cleveland, Ohio.  
 Advance Machine Co., embossing machine mfrs., 37 Osborn, Cambridge, Mass.  
 Advance Mach. Co., 4645 Ravenswood av., Chicago, Ill.  
 Advance Machine Co., Los Angeles, Cal.  
 Advance Machinery Co., 525 Hamilton, Toledo, Ohio.  
 Advance Machy. & Supply Co., Denver, Colo.  
 Advance Mfg. Co., hand vacuum cleaners, Kalamazoo, Mich.  
 Advance Mfg. Co., pumping & traction gasoline engines, Hamilton, Ohio.  
 Advance Mfg. Co., sewer traps, Erie, Pa.  
 Advance Packing & Supply Co., 11 N. Franklin, Chicago, Ill.  
 Advance Paint Co., Indianapolis, Ind.  
 Advance Pump & Compressor Co., 60 Flint, Battle Creek, Mich.  
 Advance Roofing & Sheet Metal Wks., cornices, 4830 Cottage Grove av., Chicago, Ill.  
 Advance Rumely Co., agricultural implement mfrs., engines, machsts., etc., La Porte, Ind.  
 Advance Rumely Thresher Co., La Porte, Ind.  
 Advance Spec. & Mfg. Co., harness tassels, St. Joseph, Mo.  
 Advance Stove Wks., Evansville, Ind.  
 Advance Terra Cotta Co., 29 So. La Salle, Chicago, Ill.  
 Advance Thresher Co., grain registers & weighers, Battle Creek, Mich.  
 Advance Waterproof Cement Co., Chicago, Ill.  
 Advertisers Paper Mill, Holyoke, Mass.  
 Advertising Laboratories (The), Canton, Ohio.  
 Advtg. Leather Spec. Co., 303 Mercer, New York.  
 Advtg. & Selling Magazine, 381 4th av., New York.  
 Advertising Specialty Co., 630 Mission, San Francisco, Cal.  
 Ady, S. J., canned goods, Sharon, Md.  
 A. & E. Leather Goods Co., 42 E. 20th, New York.  
 Aeolian Co., pianos, 29 W. 42d, New York.  
 Aeolian Plastic Slate Roofing Co., 637 W. 42d, New York.  
 Aeppli & Smith, leather gloves, 4821 N. Troy av., Chicago, Ill.  
 Aerial Cutlery Mfg. Co., Marinette, Wis.  
 Aero Motor Co., agricultural implements, 1146 S. Campbell av., Chicago, Ill.  
 Aero Fire Alarm Co., Seattle, Wash.  
 Aero-Motion Co. of Am., aero. motors, Wright Bldg., St. Louis, Mo.  
 Aero Pulverizing Co., 120 B'way, New York.  
 Aeronautics Press, trade publications, 1790 B'way, New York.  
 Aeroshade Co., Waukesha, Wis.  
 Aerothrust Engine Co., igniters, La Porte, Ind.  
 Aetna Bottle & Stopper Co., 54 Peck, Providence, R. I.  
 Aetna Brass Mfg. Co., machsts. & fdrs., 3870 Hamilton, Cleveland, Ohio.  
 Aetna Brick Co., Cohoes, N. Y.  
 Aetna Cabinet Co., bank fixtures, Indianapolis, Ind.  
 Aetna Construction Co., 9th & Wells, Milwaukee, Wis.  
 Aetna Explosives Co., Inc., powder mfrs., 120 B'way, New York.  
 Aetna Fire Brick Co., Oak Hill, Ohio.  
 Aetna Foundry Co., 32d & Allegheny av., Phila., Pa.  
 Aetna Fdry. & Mach. Co., Warren, Ohio.  
 Aetna Graphite Co., Cleveland av., Columbus, Ohio.  
 Aetna Life Insurance Co., Hartford, Conn.  
 Aetna Mach. Wks., Kansas City, Mo.  
 Aetna Mfg. Co., drilling & milling mach. vises, Attleboro, Mass.  
 Aetna Nut Co., Southington, Conn.  
 Aetna Paper Co., Dayton, Ohio.  
 Aetna Paving Co., 133 W. Washington, Chicago, Ill.  
 Aetna Plating Wks., bath tub seats, 126 S. Clinton, Chicago, Ill.  
 Aetna Portland Cement Co., Detroit, Mich.  
 Aetna Rubber Co., gloves, rubber, 815 E. 79th, Cleveland, Ohio.  
 Aetna Sand & Gravel Co., 7159 Normal, Chicago, Ill.  
 Affeld, J. S., contractor, Ford Bldg., Detroit, Mich.  
 Affleck Ruling & Stationery Co., tablets & pads, Holyoke, Mass.  
 A. F. S. Machine Co., 531 S. St. Clair, Toledo, Ohio.  
 Aftel, Sidney E., architect, Ohio Bldg., Toledo, Ohio.  
 Agamet, Edw., contractor, Green Bay, Wis.  
 Agar, C. A., & Co., cardboard mfrs., Bush Terminal, Brooklyn, N. Y.  
 Agar Mfg. Co., corrugated paper products, Bush Terminal, Brooklyn, N. Y.  
 Agar Provision & Packing Co., meat packers, 310 N. Green, Chicago, Ill.  
 Agard Hardware Co., Torrington, Conn.  
 Agard Planing Mill, sash, door & blind, Topeka, Kans.  
 Agate Granite Co., St. Cloud, Minn.  
 Agatile Composition Flooring Co., 616 W. Van Buren, Chicago, Ill.  
 Agatine Shoe Hook & Eyelet Co., 258 Norfolk, Newark, N. J.  
 Agawan Chemical Wks., acids, Grosvenor Bldg., Providence, R. I.  
 Agawan Co., woolen flannels, Agawan, Mass.  
 Agee Canning Co., Baldwin Station, Va.  
 Agee Screen Co., Ft. Worth, Tex.  
 Agens & Co., inc. lamp coloring, 219 Market, Newark, N. J.  
 Ager, C. Leonard J., mill & facty. supplies, Lyonsdale, N. Y.  
 Agie, Robt. J., crushed stone, 4 W. 67th, New York.  
 Agne, Rushmer & Jennison, architects, Arcade Bldg., Troy, N. Y.  
 Agner, D. B., flour mills, Warm Springs, Va.  
 Agnew Hardware Co., Everett, Wash.  
 Agnew, John, Co., masons' & bldrs.' matls., Paterson, N. J.  
 Agnew, O. L., fertilizer, Canon, Ga.  
 Agricultural Chemical Wks., 901 Macy, Los Angeles, Cal.  
 Agricultural & Commercial Lime Co., Canton, Ohio.  
 Agricultural & Mechanical Coll. of Tex., College Station, Tex.  
 Ahern, A. W., cornices, 8812 24th av., Brooklyn, N. Y.  
 Ahern Construction Co., Willimantic, Conn.  
 Ahern, Jas., granite tools, Barre, Vt.  
 Ahl & McLaughlin, cornices & skylights, Sacramento, Cal.  
 Ahlberg Bearing Co., 2636 Michigan av., Chicago, Ill.  
 Ahlberg, Olaf, contractor, 17 Wildwood av., Providence, R. I.  
 Ahlborn, Wm., Const. Co., contrs., Hammond, Ind.  
 Ahlbrand Carriage Co., Seymour, Ind.  
 Ahlers & Gregoire, coppersmiths, Louisville, Ky.  
 Ahlfield Bros., contractors, Bayonne, N. J.  
 Ahlgrim, F. H., architect, Michigan City, Ind.  
 Ahlschlaeger, John, & Co., architects, 111 W. Wash., Chicago, Ill.  
 Ahlstrom, O. J., embroidery, sewing & plating machs., 711 B'way, New York.  
 Ahlstrom Piano Co., Jamestown, N. Y.  
 Ahlsweide Mfg. Co., traveling bags, 126 N. Los Angeles, Los Angeles, Cal.  
 Ahmay, G. I. & Son, contractors, 1217 N. Y. av., N. W., Washington, D. C.  
 Ahnapee Veneer & Seating Co., Algoma, Wis.  
 Ahr, Hy., Son's Iron Wks., 444 E. 148th, New York.  
 Ahr & Rost Co., carriage bodies & rims, Cincinnati, Ohio.  
 Ahrens, Claus & Co., contractors, Rutherford, N. J.  
 Ahrens-Fox Fire Engine Co., Alfred, Cincinnati, Ohio.  
 Ahrens & Ott Mfg. Co., mill & facty. & plumbers' & steam fitter supplies, etc., 319 W. Main, Louisville, Ky.; Houston San Antonio, Texas, & New Orleans, La.  
 Aicher Machine Works, 1650 Stockton, San Francisco, Cal.  
 Aiello Bros. & Co., canned goods, Highland, N. Y.  
 Aiello, Gaetano, contractor, 1322 Webster av., Pittsburgh, Pa.  
 Aigner, G. J., & Co., index tabs, 554 W. Adams, Chicago, Ill.  
 Aiken, Fred, architect, Theatre Bldg., San Jose, Cal.  
 Aiken, L. R. & Bro., lumber, Mount Pleasant, Ga.  
 Aiken Mills, sheetings, cotton, Bath, S. C.  
 Aiken's, Frank D. Sons, ties, poles, etc., Brunswick, Ga.  
 Aimeon Mfg. Co., book cases, 430 E. 23d, New York.  
 Ainsley, J. C., Packing Co., Campbell, Cal.  
 Ainslie Knitting Mach. Co., 281 Ainslie, Brooklyn, N. Y.



Ainslie-Martin Co., who. hdwe. & mills & facty. supplies, Lynchburg, Va.  
Ainsworth & Dupp, canned goods, Seattle, Wash.  
Ainsworth, Wm., & Sons, engineering & surveying instruments, Denver, Colo.  
Air Friction Carbureter Co., Dayton, Ohio.  
Air Pump & Meter Co., machsts. & fdrs., Bradford, Pa.  
Air Reduction Sales Co., gas mfrs., 120 Broadway, New York.  
Aircraft, trade publication, Plainfield, N. J.  
Aircraft Co., 1731 Broadway, New York.  
Air-Tight Steel Tank Co., Gloster & B. & O. R. R., Pittsburgh, Pa.  
Aird-Don Co., plumbers' supplies-jobbers, Troy, N. Y.  
Aireys Packing Co., canned goods, Aireys, Md.  
Aitcheson & Bro., sash door blind, Alexandria, Va.  
Aitcheson, J. & H., mchst. & fdrs., Alexandria, Va.  
Aitken, David R., stone producers, Memphis, Tenn.  
Aitkin & Bebbington, steel struct. wk., Trenton, N. J.  
Ajax Battery Co. (Ltd.), 1514 S. Mich. av, Chicago, Ill.  
Ajax Brass & Iron Wks., mchst. & fdrs., 47 Clementine, San Francisco, Cal.  
Ajax Brick Co., Western av & M. C. R. R., Detroit, Mich.  
Ajax Electric Tool Co., elec. port. drills, Ludington, Mich.  
Ajax Elec'l Spec. Co., Flashlights, St. Louis, Mo.  
Ajax Fire Engine Wks., Bush Terminal Bldg., Brooklyn, N. Y.  
Ajax Forge Co., 2499 Blue Island av, Chicago, Ill.  
Ajax Foundry, archl. iron, 51 Clementine, San Francisco, Cal.  
Ajax Fndry. Co., 435 Howell av, Milwaukee, Wis.  
Ajax-Grieb Rubber Co., druggists' & surgical goods, 1796 B'way, New York.  
Ajax Hdwe. Mfg. Co., 1100 Military Rd., Buffalo, N. Y.  
Ajax Iron Wks., mchsts. & fndrs., Corry, Pa. & Denver, Colo.  
Ajax Lubricating Co., 108 S. La Salle, Chicago, Ill.  
Ajax Mfg. Co., agric. implements, 848 Jackson, Pittsburgh, Pa.  
Ajax Mfg. Co., bolt & nut machinery, 3830 Lakeside av, Cleveland, Ohio.  
Ajax Metal Co., babbitt metal, castings, etc., 46 Richmond, Philadelphia, Pa.  
Ajax Oil & Grease Co., 170 W. 65th, New York.  
Ajax Paint Co., Indianapolis, Ind.  
Ajax Rubber Co., 1796 Broadway, New York.  
Ajax Trunk & Sample Case Co., 150 W. 18th, New York.  
Ajello, Gaetan, architect, 1 W. 34th, New York.  
A. & J. Mfg. Co., bicycle parts & sundries, 559 W. Lake, Chicago, Ill.  
A. & J. Mfg. Co., hardware specialties, 340 Water, Binghamton, N. Y.  
A. & J. Mfg. Co., machinists & founders, Gadsden, Ala.  
Akar Ignition Co., ignition apparatus, Wayne Junction, Phila., Pa.  
Akerly, Hiram A., fire, tin clad doors, etc., 173 Berry, Brooklyn, N. Y.  
Akers & Harpham Co., cornices & skylights, Akron, Ohio.  
Akersville Roller Mill Co., flour, Akersville, Ky.  
Akin-Erskine Milling Co., flour, Evansville, Ind.  
Akin, John A., architect, Hopkins, Mo.  
Akin, W. F., canned goods, Galena, Mo.  
Akron Agate Co., playing marbles, Clarksburg, W. Va.  
Akron Belting Co., Akron, Ohio.  
Akron Brick & Tile Co., Akron, Ohio.  
Akron Cultivator Co., Akron, Ohio.  
Akron File Co., Akron, Ohio.  
Akron Foundry Co., Akron, Ohio.  
Akron Gas Lamp Co., gasoline lighting systems, Akron, & Canton, Ohio.  
Akron Gear & Engineering Co., Akron, Ohio.  
Akron Lumber Co., Akron, Ohio.  
Akron Mfg. Co., button mfrs., Akron, N. Y.  
Akron Mattress Mfg. Co., Akron, Ohio.  
Akron Metal Products Co., stamping works, Akron, Ohio.  
Akron Metallic Gasket Co., 142 N. Union, Akron, Ohio.  
*See adv index at end of book.*  
Akron Mining, Milling & Mfg. Co., color mfrs. & importers, Aurora, Ill.  
Akron Pigment Co., Akron, Ohio.  
Akron Roofing Co., Akron, Ohio.  
Akron Roofing Tile Co., Akron, Ohio.  
Akron Rubber Mold & Machine Co., 917-923 Sweitzer av, Akron, Ohio.  
Akron-Selle Co., machts., Akron, Ohio.  
Akron Smoking Pipe Co., Mogadore, Ohio.  
Akron Soap Co., Akron & Youngstown, Ohio.  
Akron Steel Casting Co., Akron, Ohio.  
Akron Supply Co., masons' & bldrs.' matls., Akron, Ohio.  
Akron Varnish Co., Akron, Ohio.  
Akron Vitrified Clay Mfg. Co., Akron, Ohio.  
Alabama Brick & Tile Co., Hollywood, Ala.  
Alabama Broom & Mattress Co., Huntsville, Ala.  
Alabama Charcoal Co., Kansas City, Mo.  
Alabama Chemical Co., Montgomery, Ala.  
Alabama Co., furnaces, Birmingham, Ala.  
Alabama Cooperage Co., Calera, Ala.  
Alabama Corn Mills Co., Mobile, Ala.  
Alabama Cotton Mills, Speigner, Ala.  
Alabama Engineering Corp., Tuscaloosa, Ala.  
Alabama & Florida Lumber Co., Noma, Fla.  
Alabama-Georgia Syrup Co., canners, Montgomery, Ala.

Alabama Graphite Co., Ashland, Ohio.  
Alabama High Grade Brick Co., Sylacuga, Ala.  
Alabama Iron Works, Mobile, Ala.  
Alabama Lime & Stone Co., Paint Rock, Ala.  
Alabama Lumber Co., Birmingham & Montgomery, Ala.  
Alabama Machinery & Supply Co., mill & facty. supplies, Montgomery, Ala.  
Alabama Oil & Guano Co., Opelika, Ala.  
Alabama Paving Co., American Trust Bldg., Birmingham, Ala.  
Alabama Pipe & Foundry Co., Anniston, Ala.  
Alabama Polytechnic Institute, Engng. Schools & Coll., Auburn, Ala.  
Alabastine Co., Grandville av, S. W., Grand Rapids, Mich.  
Aladdin Co., elec. & gas light portables, 90 B'way, New York.  
Aladdin Co., port. fireproof garages, Bay City, Mich.  
Alaga Fertilizer Co., Blakeley, Ga.  
A. L. A. Mfg. & Supply Co., oils, 136 Liberty, New York  
Alameda Sugar Co., Alaska Commercial Bldg., San Francisco, Cal.  
Alamo Engineering & Sup. Co., Omaha, Nebr.  
Alamo Iron Wks., San Antonio, Tex.  
Alamo Mfg. Co., Mchsts. & fdrs., Hillsdale, Mich.  
Alamosa Milling & Elevator Co., Alamosa, Colo.  
Alart & McGuire Co., canned goods, 116 Imlay, B'klyn, N. Y.  
Alaska Freezer Co., ice chippers, etc., Winchendon, Mass.  
Alaska Oil & Guano Co., fertilizer mfrs., Portland, Ore., & Killisnoo, Alaska.  
Alaska Packers' Assn., Wells Fargo Bldg., San Francisco, Cal.  
Alaska Portland Packers' Assn., canned goods, Portland, Ore.  
Alaska Refrigerator Co., Muskegon, Mich.  
Alaska Sanitary Packing Co., canned goods, Seattle, Wash.  
Alaska Treadwell Gold Mining Co., Treadwell, Alaska, & San Francisco, Cal.  
Alba Mfg. Co., chemicals, Aurora, Ill.  
Albach, Theo., cornices, 335 E. 133d, New York.  
Alban & Lockhart, architects, Endicott Bldg., St. Paul, Minn.  
Alban & Prins, architects, Endicott Bldg., St. Paul, Minn.  
Alband, John, cornices, Streater, Ill.  
Albany Belting & Supply Co., Albany, N. Y.  
Albany Billiard Ball Co., Albany, N. Y.  
Albany Brass Fdry., Albany, N. Y.  
Albany Canning Co., Albany, Wis.  
Albany Car Wheel Co., Albany, N. Y.  
Albany Casket Co., Albany, N. Y.  
Albany Chemical Co., Albany, N. Y.  
Albany Felt Co., Albany, N. Y.  
Albany Foundry Co., Albany, N. Y.  
Albany Hardware & Iron Co., who. hardware, Albany, N. Y.  
Albany Hardware Specialty Mfg. Co., drilling machines, concrete mixers, Albany, Wis.  
Albany Iron Wks., machts. & fdrs., Albany, Ore.  
Albany Knitting Co., sweaters, cardigans, etc., Albany, N. Y.  
Albany Lubrg. Co., 708 Washington, New York.  
Albany Machine & Tool Co., machinists, Industrial Bldg., Albany, N. Y.  
Albany Malleable Iron Co. (Voorheesville), Albany, N. Y.  
Albany Mill Supply Co., Albany, Ga.  
Albany Paper Products Co., straw board mfrs., Albany, Ind.  
Albany Phosphate Co., Albany, Ga.  
Albany Rubber Tire Co., packing mfrs., Albany, N. Y.  
Albany Sand & Supply Co., Albany, N. Y.  
Albany Saw Wks., Albany, N. Y.  
Albany Steam Trap Co., Albany, N. Y.  
Albany Warehouse Co., Albany, Ga.  
Albany Waste & Metal Co., Albany, N. Y.  
Albaugh-Dover Co., cut & worm gears, etc., Marshall blvd. & 21st, Chicago, Ill.  
Albee & Godfrey Co., archl. iron, Stewart av, Brooklyn, N. Y.  
Albee, H. M. & Son, machsts., 201 Sussex av, Newark, N. J.  
Albemarle Paper Mfg. Co., Richmond, Va.  
Albemarle Products Co., canned goods, Charlottesville, Va.  
Albemarle Stove & Mach. Co., Charlottesville, Va.  
Alberene Stone Co., Soapstone Products, 223 E. 23d, New York.  
Alberger Gas Engine, 281 Chicago, Buffalo, N. Y.  
Alberger Heater Co., Buffalo, N. Y.  
Alberger Pump & Condenser Co., pumps and condensers, 140 Cedar, New York.  
Albers Bros. Milling Co., flour, farina, cereal foods, Portland, Ore., & Los Angeles, Cal.  
Albers & Dorenz, mattresses, 635 E. Water, Milwaukee, Wis.  
Albersmeier, Wm. H., architect Rauh Bldg., Indianapolis, Ind.  
Albert & Davidson, second-hand pipe, pipe fitting, etc., 256 Oakland, Brooklyn, N. Y. *See adv index at end of book.*  
Albert & Fischer Hdwe. & Sheet Metal Co., 2524 S. 7th, St. Louis, Mo.  
Albert, G. G. & Co., slate, Bangor, Pa.  
Albert Gas Fixture Co., 707 3d av, New York.  
Albert, L. & Son, scrap rubber, Trenton, N. J.  
Albert Lea Machinery Co., Albert Lea, Minn.  
Albert Lea Packing Co., meat, Albert Lea, Minn.  
Albert, Matt S., contractor, Centralia, Wash.  
Alberta Knitting Mills, bathing suit mfrs., sweaters, etc., Lenta & Armat Gtn., Philadelphia, Pa.  
Alberts, J. B., leaded glass, 307 1st, Louisville, Ky.  
Alberts, W. E. & Son, contractors, 367 Lehigh av, Ptg., Pa.  
Albertsoan, Dan J., architect, Kalamazoo, Mich.  
Albertson, A. H., architect, Henry Bldg., Seattle, Wash.



- Albertson, E. J., machsts. & fndrs., Knightstown, Ind.  
 Albey Bros., straw, binders, & box boards, 149 Meeker av, Newark, N. J.  
 Albia Box & Paper Co., Troy, N. Y.  
 Albia Packing Co., meat, Albia, Iowa.  
 Albina Engine & Mach. Wks., ship bldrs., 28 Albina, Portland, Ore.  
 Albinson Construction Co., Plymouth Bldg., Minneapolis, Minn.  
 Albion Bangor Slate Co., Wind Gap, Pa.  
 Albion Chemical Wks., soap, Albion, Mich.  
 Albion Knit Goods Co., sweaters, cardigans, etc., Utica, N. Y.  
 Albion Lumber Co., Albion, & San Francisco, Cal.  
 Albion Malleable Iron Co., machts. & fndrs., Albion, Mich.  
 Albion Mfg. Co., asbestos paper mfrs., boiler compounds, Seattle, Wash.  
 Albion Medina Stone Co., Albion, N. Y.  
 Albion Milling Co., flour, Albion, Mich.  
 Albion Shale Brick Co., Albion, Ill.  
 Albion Superior Slate Co., Wind Gap, Pa.  
 Albion Tool Co., machsts., Los Angeles, Cal.  
 Albion Vein Slate Co., rfg. slate mfrs., Bangor, Pa.  
 Albion Vitriified Brick Co., Albion, Ill.  
 Albion & Waller, brick, Morganfield, Ky.  
 Albrecht, A., & Co., contractors, Penobscot Bldg., Detroit, Mich.  
 Albrecht, Chas. R., architects' & engrs.' supplies, 62 Fulton, New York.  
 Albrecht, Francis J., heaters, & oven bldrs, etc., 1146 Penn av, Pittsburgh, Pa.  
 Albrecht, Fred'k., wooden kegs, Pratt & Smallwood, Baltimore, Md.  
 Albrecht, H., & Co., horse collars, 610 Wash'n, St. Louis, Mo.  
 Albrecht, John, contractor, 167 Grace, Buffalo, N. Y.  
 Albrecht, Chester B., Iron Wks. Co., bridge railings, 1201 Metropolitan, Pittsburgh, Pa.  
 Albright, A. A., & Son, contractors, Allentown, Pa.  
 Albright, A., & Sons, flour mills, Elgin, Ky.  
 Albright, C. S., contractor, 6040 Hollywood, Los Angeles, Cal.  
 Albright, Harrison, architect, Laughlin Bldg., Los Angeles, Cal.  
 Albright Ignition Co., spark plugs, Columbus, Ga.  
 Albright, J. H., architect, Fort Dodge, Ia.  
 Albright, J. H., & Sons, agricultural implements, Mifflinburg, Pa.  
 Albright, Son & Co., pipe bends & coils, Allentown, Pa.  
 Albright & Stenton, textile machinery supplies, Reading, Pa.  
 Albro-Clem Elev. Co., 7th & Glenwood, Philadelphia, Pa.  
 Albro, Lewis C., architect, 2 W. 47th, New York.  
 Albuquerque Fdry. & Mach. Wks., Albuquerque, New Mexico.  
 Albuquerque Lumber Co., Albuquerque, New Mexico.  
 Albus, E. E., architects, 544 E. Market, Louisville, Ky.  
 Albus & Richardson, architects, 544 E. Market, Louisville, Ky.  
 Alcania Co., tin plate, Oliver Bldg., Pittsburgh, Pa.  
 Alcatraz Co., Inc., paint mfrs., 2300 Williamsburg av, Richmond, Va.  
 Alcock, John L. & Co., lumber mfrs., 1 S. Gay, Baltimore, Md.  
 Alcohol Utilities Co., 27 William, New York.  
 Alcott, W. K. & Co., hardwood doors, & sash, door & blind mfrs., Washington & 18th, Phila., Pa.  
 Alcus, S. T. & Co., Ltd., packing box mfrs., Hagan av & New Basin, New Orleans, La.  
 Aldag, F. W. Co., masons' & bldrs.' matls., E. Washington & Belt, Indianapolis, Ind.  
 Aldag Paint & Varnish Co., plate glass, Indianapolis, Ind.  
 Alden, Chas. H., architect, Colman Bldg., Seattle, Wash.  
 Alden & Harlow, architects, 305 5th av, Pittsburgh, Pa.  
 Alden & Harris, architects, Commerce Bldg., St. Paul, Minn.  
 Alden, Henry B., architect, Beverly, Mass.  
 Alden, Henry B., architect, 15 Exchange, Boston, Mass.  
 Alden, John, naval architect, 131 State, Boston, Mass.  
 Alden Lime Co., Clinton, Ia.  
 Alden Lime Co., Fulton, Ill.  
 Alden Rubber Co., plumbers' rubber goods, Barberton, O.  
 Aldens' Successors (Ltd.), gutta percha, crude rubber, 290 B'way, New York.  
 Alder, Benj. S. Co., who. hdwe., 37 Warren, New York.  
 Alder Chemical Co., carriage Top Dressing, Mount Vernon, N. Y.  
 Alderfer, F. G. & Co., crates, Sharon Center, O.  
 Alderman, D. W., & Sons Co., lbr., Alcolu, S. C.  
 Alderman, Geo. P. B. & Co., architects, 439 High, Holyoke, Mass.  
 Alderman, J. W., lumber, Tarpon Springs, Fla.  
 Alderson, Mrs. F. M., canned goods, Troutville, Va.  
 Alderson, Roy, architect, 1131 11th, San Diego, Cal.  
 Alderson, S. I., lbr. mfrs., Asbury, W. Va.  
 Aldon Co., rail sawing machy., 3338 W. Ravenswood av, Chicago, Ill.  
 Aldrich & Aldrich, architects, Galesburg, Ill.  
 Aldrich, B. W. & Co., snow shovels, Wallingford, Vt.  
 Aldrich, Benj. F., contractor, Dunkirk, N. Y.  
 Aldrich, Chas. R., contractor, 3d & Jefferson, Seattle, Wash.  
 Aldrich, Elbert, cornices, Poughkeepsie, N. Y.  
 Aldrich, G. A., & Co., masons' & bldrs.' Hillsdale, Mich.  
 Aldrich, Leander S., architect, Uxbridge, Mass.  
 Aldrich Mfg. Co., tinware mfrs., Buffalo, N. Y.  
 Aldrich Paper Co., Watertown, N. Y.  
 Aldrich Pump Co., Allentown, Pa.  
 Aldrich, Wm. K., clamps, screws, Lowell, Mass.  
 Aldridge, A. E., brick, Dutchess Junction, N. Y.  
 Aleen, M. W., Construction Co., Walpole, Mass.  
 Alemite Metals Co., 341 W. Chicago av, Chicago, Ill.  
 Alert Mills, buckwheat flour, fountain City, Wis.  
 Alert Pipe & Supply Co. (jobbers), Bay City, & Saginaw, Mich.  
 Alert Tool Co., knurl holders, 221 N. 23d, Philadelphia, Pa.  
 Alevoli, G., contractor, Washington bldg., Stamford, Conn.  
 Alexander, A. R., cornices, Portland, Me.  
 Alexander, Aaron, rural mail boxes, Newfield, N. Y.  
 Alexander Bros., contractors, Williamson bldg., Cincinnati, O.  
 Alexander Bros. (leather belting & sole leather), 414 N. 3d, Philadelphia, Pa.  
 Alexander Bros. Lumber Co., Schofield Bldg., Cleveland, Ohio.  
 Alexander Car Replacer Mfg. Co., Scranton, Pa.  
 Alexander City Cotton Mills, Alexander City, Ala.  
 Alexander & Cox Co., gas engines, 2358 Ogden av, Chicago, Ill.  
 Alexander Crossing Co., Clinton, Ill.  
 Alexander, F. C., contractor, Old South bldg., Boston, Mass.  
 Alexander, G. M., lumber, Claypool, Ind.  
 Alexander & Garsed, mill & facty. supplies, Charlotte, N. C.  
 Alexander, Geo. E., & Son, handles, rakes—garden or lawn, etc., Sunapee, N. H.  
 Alexander, H., paint mfrs., High Point, N. C.  
 Alexander, H. N., & Sons, lumber, Greenville, Miss.  
 Alexander, H. T., & Co., oils, 17 Battery pl, New York.  
 Alexander, J. M., & Co., mill & facty. supplies, Atlanta, Ga.  
 Alexander, J., Mfg. Co., desk lights, 1931 B'way, New York.  
 Alexander, Jas. F., & Son, architects, Lafayette, Ind.  
 Alexander & Kemper, gin distillers, New Amsterdam, Ind.  
 Alexander-Kramer Co., toys, games, etc., Dayton, O.  
 Alexander Lumber Co., 332 S. Michigan av, Chicago, Ill.  
 Alexander, M., sash, door & blind mfrs., Joliet, Ill.  
 Alexander Mfg. Co., garden plows, Ames, Ia.  
 Alexander Molasses Co., canned goods, 614 W. Austin av, Chicago, Ill.  
 Alexander, O. C., contractor, Burnham, Pa.  
 Alexander, R., furniture, 197 Island av, E., Minneapolis, Minn.  
 Alexander & Reid Co., tile & mosaics floor, 355 W. 36th, New York.  
 Alexander, Robt., contractor, 130 W. 24th, New York.  
 Alexander, W. J., masons' & bldrs.' matls., Steubenville, O.  
 Alexander, Warren, billiard & pool tables, 607 Main, Worcester, Mass.  
 Alexander Window-Ventilator Mfg. Co., Spartanburg, S. C.  
 Alexandria Crushed Stone Co., Alexandria, Ind.  
 Alexandria Fertilizer & Chemical Co., Alexandria, Va.  
 Alexandria Glass Co., bottles, Alexandria, Va.  
 Alexandria Halter Factory, Alexandria, O.  
 Alexandria Iron Works, machst. & fdrs., Alexandria, Va.  
 Alexandria Iron Works, Evans bldg., Washington, D. C.  
 Alexandria Lumber Co., Alexandria, La.  
 Alexandria Paper Co., Alexandria, Ind.  
 Alexandria Preserving Co., canned goods, Alexandria, Ind.  
 Alexius Bros. & Co., brick, Covington, La.  
 Alfalfa Meal & Milling Co., flour, Cherokee, Okla.  
 Alfalfa Products Co., meal, Sunnyside, Wash.  
 Alfred, A. R., & Son, masons' & bldrs.' matls., Davisboro, Ga.  
 Alfred Clay Co., terra cotta roofing tile, Alfred Station, N. Y.  
 Alford, D. C., masons' & bldrs.' matls., Hartwell, Ga.  
 Alford, H. C., architect, Madison, Wis.  
 Alfred, W. W., architect, Pensacola, Fla.  
 Alger Clay Mfg. Co., Alger, O.  
 Alger, Edwin N., architect, Huntington, W. Va.  
 Alger, Smith & Co., lumber, Penobscot bldg., Detroit, Mich.  
 Alger-Sullivan Lumber Co., Century, Fla.  
 Algiers Cornice & Plbg. Wks., 157 Delaronde, New Orleans, La.  
 Algiers Mfg. Co., Ltd., sashes, doors & blinds, 300 Morgan, New Orleans, La.  
 Algoma Lbr. Co., Los Angeles, Cal.  
 Algona Brick & Tile Works, Algona, Iowa.  
 Algona Coal & Coke Co., Algona, W. Va.  
 Algonite Stone Mfg. Co., 3900 Chouteau av, St. Louis, Mo.  
 Algonquin Co., woolen flannels, Passaic, N. J.  
 Alhambra Brick & Tile Co., Phoenix, Ariz.  
 Alhambra Tile Co., Newport, Ky.  
 Alhin, Victor O., contractor, Joliet, Ill.  
 Alice Mills, cotton sheetings, Easley, S. C.  
 Aliceville Oil & Mfg. Co., Aliceville, Ala.  
 Aliff, E. C., canned goods, Buchanan, Va.  
 Alignum Products Co., asbestos doors, 103 Park av, New York.  
 Alkahn Silk Label Co., 116 W. 32d, New York.  
 All Roofing Mfg. Co., 1843 Converse av, E. St. Louis, Ill.  
 Allaire Woodworkers, toys, games & novelties, Allaire, N. J.  
 Allan, A., & Son, Babbitt metal mfrs., 6th & Bergen, Harrison, N. J.  
 Allan, Geo. & Co., contractors, 625 W. 69th, Chicago, Ill.  
 Allan, Jas. T., architect, Brandeis Theatre Bldg., Omaha, Nebr.  
 Allan & Newcombe, granite prod., Barre, Vt.  
 Allaway & Hancox, elec. signs, 2449 S. Mich. av, Chicago, Ill.  
 Allbee, Geo. B. Co., steam fitters' supplies, Bellows Falls, Vt.  
 Allbright & Lightcap, playing marbles, Ravenna, O.  
 Allbright-Nell Co., packing house machy., 5323 Western blvd, Chicago, Ill.  
 Allee, S. & J. C., lumber mfrs., Fort Madison, Ia.  
 Allegan Brick Co., Allegan, Mich.  
 Allegan Carving Mfg. Co., mission lamps, Allegan, Mich.  
 Allegany Window Glass Co., Port Allegany, Pa.



- Alleger's, E. W., & Son, masons' & bldrs.' matls., Washington, N. J.  
 Allegheny Box Co., 601 Byrd, Richmond, Va.  
 Allegheny Brick Co., common, 19th, Pittsburgh, Pa.  
 Allegheny College, engng. school & coll., Meadville, Pa.  
 Allegheny Forging Co., forgings (automobile, etc.), & alloys, 530 Fourth av., Pittsburgh, Pa.  
 Allegheny Foundry Co., Boquet & Grant, Pittsburgh, Pa.  
 Allegheny Heating Co., contrs., 603 Burd, Pittsburgh, Pa.  
 Allegheny Lumber Co., Ferguson bldg., Pittsburgh, Pa.  
 Allegheny Milling Co., flour, Covington, Va.  
 Allegheny Plate Glass Co., Glassmere, Pa.  
 Allegheny Steel Band Co., nailing plugs, 886 Main, Pittsburgh, Pa.  
 Allegheny Steel Co., machts. & fndrs., & rolling mills, Oliver bldg., Pittsburgh, Pa.  
 Allegheny Steel Tank Car Co., Warren, Pa.  
 Alleghany Valley Brick Co., Olean, N. Y.  
 Allegretti Mfg. Co., razor strops, Geneva, N. Y.  
 Allen, A. & Co., machts., 2001 Carpenter, Phila., Pa.  
 Allen, A. W., architect, Streator, Ill.  
 Allen, Albert, machts., Livermore Falls, Me.  
 Allen, Alex., vacuum cleaners, 426 Pearl, Buffalo, N. Y.  
 Allen, Alonzo W., machts., 2427 Mascher, Phila., Pa.  
 Allen, Alvan, Brick Co., Elsmere, Wilmington, Del.  
 Allen, Augustus N., architect, 2 W. 45th, New York.  
 Allen Auto. Spec. Co., 16 W. 61st, New York.  
 Allen, B. F., lumber, Tiro, O.  
 Allen & Bailey Tag Co., Caledonia, N. Y.  
 Allen-Blaredall Co., church, lodge, & school furniture, 12 Pearl, Boston, Mass.  
 Allen, Bona, collars, Bufford, Ga.  
 Allen-Bradley Co., motor starters, rheostats, switches, etc., 495 Clinton, Milwaukee, Wis.  
 Allen Bros., stencils, 55 Cornhill, Boston, Mass.  
 Allen Bros., machs. & fdrs., Elkader, Ia.  
 Allen Bros., carriages, Nashville, Tenn.  
 Allen, C. M., contractor, 114½ N. 21st, Birmingham, Ala.  
 Allen, C. S. Co., contractors, Allston, Boston, Mass.  
 Allen Chair Co., furniture, Concord Junction, Mass.  
 Allen, Chas. G. Co., agricultural implements, Barre, Mass.  
 Allen, Chas. I., faucets, wooden handles & knobs, Pequabuck, Conn.  
 Allen Chemical Co., acid mfrs., Allentown, Pa.  
*See adv index at end of book.*  
 Allen, Claire, architect, Jackson, Mich.  
 Allen, Clement E., meat packers, Media, Pa.  
 Allen & Collens, architects, 40 Central, Boston, Mass.  
 Allen Construction Co., 1413 H. N. W., Washington, D. C.  
 Allen & Curtiss Co., boring tools, Mishawaka, Ind.  
 Allen, D. C., & Co., cornices & skylights, Coldwater, Mich.  
 Allen, D. S., knives—oyster & clam, Lavaca, Tex.  
 Allen, David E., machts. & fndrs., Yonkers, N. Y.  
 Allen Die Block Co., shoe machy., Haverhill, Mass.  
 Allen-Doane & Co., stencils, 29 Cornhill, Boston, Mass.  
 Allen, E. Philip & Co., mill & facty. supplies, Atlantic City, N. J.  
 Allen, Edgar & Co., Ltd., steel mfrs. & imptrs., 718 W. Lake, Chicago, Ill.  
 Allen, Edmund A., whol. lumber, 133 W. Wash., Chicago, Ill.  
 Allen Eli H., Co., exhaust & blow piping, 41 Beverly, Boston, Mass.  
 Allen Engine Co., derrick irons & fittings, 5315 N. 2d, Phila., Pa.  
 Allen Engineering & Contr. Co., Netcong, N. J.  
 Allen, F. H., machinist, Donaldsonville, La.  
 Allen, F. P., Jr., architect, 520 East, San Diego, Cal.  
 Allen & Fell, cornices, Wilkes-Barre, Pa.  
 Allen Filter Co., Toledo, Ohio.  
 Allen Fire Dept. Supply Co., hose clamps & couplings, 178 Dorrance, Providence, R. I.  
 Allen, Frank F., architect, Lincoln Nat. Life Ins. Bldg., Fort Wayne, Ind.  
 Allen, Frank P., & Son, architects, Houseman Bldg., Grand Rapids, Mich.  
 Allen, Fred A., Sportsman's Specialty Co., duck calls, boat oars, Monmouth, Ill.  
 Allen, G. W., & Son, architects, Laporte, Ind.  
 Allen & Garcia Co., contractors, 332 So. Michigan, Chicago, Ill.  
 Allen, Geo. B., architect, 193 Ashley, Hartford, Conn.  
 Allen, Geo. C., architect, Berwyn, Pa.  
 Allen, Geo. R., patterns & models, 13th & Buttonwood, Phila., Pa.  
 Allen, Glenn, architect, 216 Eddy, San Francisco, Cal., and Plant City, Fla.  
 Allen, Gordon, architect, 2 West, Boston, Mass.  
 Allen, H. J. (Est. of), masons & bldrs. matls., Clinton, N. Y.  
 Allen, H. M., & Co., masons' & bldrs. matls., Billings, Mont.  
 Allen, H. R., & Co., lumber mfrs., Commerce Bldg., Columbus, Ohio.  
 Allen, Harris, architect, Oakland, Cal.  
 Allen, Hy., chemical glasswe., 138 William, New York.  
 Allen, Higgins, Wall Paper Co., Worcester, Mass.  
 Allen & Hinckle, brick & tile, Royalton, O.  
 Allen Iron & Steel Co., elec. cable hangers, 3d & Venango, Philadelphia, Pa.  
 Allen, Isaac A., Jr., architect, 904 Main, Hartford, Conn.  
 Allen, J. & B., sweaters, etc., 4980 Sheldon av., Phila., Pa.  
 Allen, J. E., architect, 283 Essex, Lawrence, Mass., & Provo City, Utah.  
 Allen, J. & S., fish line mfrs., Walpole, Mass.  
 Allen, J. W., spokes, Scottville, Ky.  
 Allen, J. W., & Co., ice cream freezers, 116 N. Peoria, Chicago, Ill.  
 Allen, Jas. T., Contr. Co., 8106 Quincy av., Cleveland, O.  
 Allen & Jemison Co., who. hdwe., Tuscaloosa, Ala.  
 Allen, Jerome R., architect, 101 Park av., New York.  
 Allen, Jesse, Lime Co., Burns, Tenn.  
 Allen, Jno., cornices, Schenectady, N. Y.  
 Allen, Jno., Co., carbon paper, 17 Rose, New York.  
 Allen, John D., theatre architect, Heed Bldg., Philadelphia, Pa.  
 Allen, Jno. F., Co., machts., 370 Gerard av., New York.  
 Allen, Jos. B., architect, Irvington, N. J.  
 Allen, L. B., Co., soldering flux, etc., 4519 N. Lincoln, Chicago, Ill.  
 Allen, L. H., wire cloth, Amherst, Mass.  
 Allen, Lane & Scott, railroad staty., etc., 1211 Clover, Philadelphia, Pa.  
 Allen, Layton, architect, Lombard Bldg., Indianapolis, Ind.  
 Allen, Lester, cornices & skylights, Spokane, Wash.  
 Allen Lumber Co., sashes, doors & blinds, Barre, Vt.  
 Allen Lumber Co., Berlin, Wis.  
 Allen, McNeerney & Co., horn hair pins, Attleboro, Mass.  
 Allen, M. M., flour mills, Windle, Tenn.  
 Allen, M. M., Supply Co., masons' & bldrs.' matls., Newport, Ky.  
 Allen Machine Co., Cleveland, Ohio.  
 Allen Machine Co., rubber machines, Erie, Pa.  
 Allen Machine Wks., Miamisburg, Ohio.  
 Allen Mfg. Co. (The), safety set screw mfrs., 135 Sheldon, Hartford, Conn. *See adv index at end of book.*  
 Allen Mfg. Co., horse collars, Lawrenceville, Ga.  
 Allen Mfg. Co., mchsts. & fndrs., Nashville, Tenn.  
 Allen Mfg. Co., Ltd., Shreveport, La.  
 Allen Motor Co., automobile bldrs., Fostoria, Ohio.  
 Allen, N. R., Sons Co., harness lthr., Kenosha, Wis.  
 Allen & Nelson Mill Co., lumber, Monahan & Seattle, Wash.  
 Allen, Neyers & Co., cornices, Rock Island, Ill.  
 Allen, O. C., lumber, Knablick, Ky.  
 Allen, Otis, & Son, lbr., Lowell, Mass.  
 Allen Packing Co., Collingswood, N. J.  
 Allen Paint & Putty Wks., 334 N. Ashland, Chicago, Ill.  
 Allen, Paul R., architect, 35 W. 39th, New York.  
 Allen, Percy Ira, architect, Cutler Bldg., Rochester, N. Y.  
 Allen Pitless Scale Co., mchsts. & fndrs., New Castle, Ind.  
 Allen, R. R., masons' & bldrs.' matls., Suffolk, Va.  
 Allen & Reed, architects, La Porte, Ind.  
 Allen & Reed, mill & facty. & steam fitters' supplies, 178 Dorrance, Providence, R. I.  
 Allen, Robert C., contractor, Park Bldg., Worcester, Mass.  
 Allen, Robt. T., shipping tags, Jackson, Mich.  
 Allen, S. L., & Co., agricultural implements, Denckla Bldg., Philadelphia, Pa.  
 Allen Shade Holder Co., 46 Cornhill, Boston, Mass.  
 Allen-Smith Co., contractors, Niagara Falls, N. Y.  
 Allen & Son Co., sash cord & sash chain fastener mfrs., 904 Main, Hartford, Conn.  
 Allen-Sparks Gas Light Co., Lansing, Mich.  
 Allen Spool & Printing Co., tex. machy., supplies, etc., Mystic, Conn.  
 Allen & Stanley, contractors, 3007 N. Main, Los Angeles, Cal.  
 Allen, T. B., flour mills, Brundidge, Ala.  
 Allen, Truman A., architect, 134 Av D, Rochester, N. Y.  
 Allen Typewriter Co., Allentown, Pa.  
 Allen, W. D., heating contractor, Seattle, Wash.  
 Allen, W. D., Mfg. Co., mill & facty., steam fitters' supplies, 125 W. Lake, Chicago, Ill.  
 Allen, W. H. & G. W., who. hdwe., 113 Market, Philadelphia, Pa.  
 Allen, W. H., Jr., steel structural dirs., 110 State, Boston, Mass.  
 Allen, W. M., Son & Co., contractors, Peoria, Ill.  
 Allen, W. R., contractor, Pittston, Pa.  
 Allen, Wm. A., Co., lbr., Portland, Me.  
 Allen, Wm. H., architect, 82 Church, New Haven, Conn.  
 Allen, Wm., Sons Co., boilers, heaters, etc., Green, Plymouth & Washington, Worcester, Mass.  
 Allen, Wilson E., architect, Belmar, N. J.  
 Allen Wrench & Tool Co., tool mfrs., 754 Eddy, Providence, R. I.  
*See adv index at end of book.*  
 Allendale Cotton Oil & Fertilizer Co., cottonseed meal, Allendale, S. C.  
 Allendorf Co., lenses, Cleveland, Ohio.  
 Allen's, S., Sons, mill & facty. supplies, Greenfield, Mass.  
 Allenson Bros., tin cylinders, 9 Steeple, Providence, R. I.  
 Allentown Bobbin Works, bobbin mfrs., Allentown, Pa.  
*See adv index at end of book.*  
 Allentown Boiler Works, Allentown, Pa.  
 Allentown Experimental Works, models, Allentown, Pa.  
 Allentown Mfg. Co., paint, Allentown, Pa.  
 Allentown Portland Cement Co., Allentown, Pa.  
 Allentown Reed, Harness & Mill Supply Co., Allentown, Pa.  
 Allentown Spinning Co., jute, Allentown, Pa.  
 Allentown Testing Laboratory, chemists, Allentown, Pa.  
 Allers, Harry A., metal polish, Emerson Bldg., Baltimore, Md.  
 Allerton-Clarke Co., who. hdwe. mfrs.' agents, 74 W. Lake, Chicago, Ill.  
 Alliance Brass & Bronze Co., castings, Alliance, Ohio.  
 Alliance Brick Co., Alliance, Ohio.



Alliance Chemical Co., sulphur colors, 176 Federal, Boston, Mass.  
 Alliance Clay Product Co., Alliance, Ohio.  
 Alliance Co., plumbers' sanitary earthenware mfrs., 1924 Clybourn av, Chicago, Ill.  
 Alliance Fertilizer Co., Alliance, Ohio.  
 Alliance Foundry Co., Canton, Ohio.  
 Alliance & Industrial Mfg. Co., fertilizer mfrs., Ellerson, Va.  
 Alliance Iron & Metal Co., scrap rubber, Alliance, Ohio.  
 Alliance Machine Co., traveling cranes, Alliance, Ohio.  
 Alliance Mfg. Co., auto. wood bodies, carriages, Streator, Ill.  
 Alliance Milling Co., flour, Denton, Texas.  
 Alliance Preserving Co., Ridgely, Md.  
 Alliance Rice Milling Co., Houston, Texas.  
 Alliance Rubber Co., rubber gloves, Alliance, Ohio.  
 Alliance Spec. Mfg. Co., desk tele. brackets, Lakewood, Ohio.  
 Alliance Structural Co., structural mills, Alliance, Ohio.  
 Alliger Box & Lbr. Co., North Tonawanda, N. Y.  
 Allin Mach. Wks., Helena, Ark.  
 Alling & Cory Co., envelopes, adding mach. rolls, Rochester, N. Y.  
 Alling, Wm. H., dock bldrs., New Haven, Conn.  
 Allington & Curtis Mfg. Co., mchsts. & fndrs., 18 L., Boston, Mass., and Saginaw, Mich.  
 Allino Switch Box Mfg. Co., St. Louis, Mo.  
 Allinson, Geo. A., architect, Burlington, N. J.  
 Allis-Chalmers Mfg. Co., mfrs. all kinds machinery, Milwaukee, Wis. *See adv index at end of book.*  
 Allison, A. W., architect, 748 Glenn av, Wilkesburg, Pa.  
 Allison & Allison, architects, Hibernian Bldg., Los Angeles, Cal.  
 Allison, B. J., & Co., brick, Haverstraw, N. Y.  
 Allison Bros., soap & soap powders, Middletown, Conn.  
 Allison, Chas. B., Jr., architect, Jenkins Bldg., Pittsburgh, Pa.  
 Allison Co., welders' rings, Chester, Pa.  
 Allison Contracting Co., 109 N. Dearborn, Chicago, Ill.  
 Allison Coupon Co., books, Indianapolis, Ind.  
 Allison & Doughty, shock mirrors, 24 Downing, New York.  
 Allison & Goldbeck, contractors, 109 N. Dearborn, Chicago, Ill.  
 Allison, J. E., flour mills, Talladega, Ala.  
 Allison Lumber Co., Bellamy, Ala.  
 Allison, R. W., patterns & models, Dayton, Ohio.  
 Allison, S., & Son, stone, 1354 Palmetto, Los Angeles, Cal.  
 Allison, T. F. & T. E., fertilizer mfrs., Lavonia, Ga.  
 Allison & Vervalen Coal & Lumber Co., masons' & bldrs.' matls., Haverstraw, N. Y.  
 Allison, W. D., Co., massage vibrators, Indianapolis, Ind.  
 Allison, Wm., machsts., Punxsutawney, Pa.  
 Allison & Wood, brick, Haverstraw, N. Y.  
 Allith-Prouty Co., automobile tire locks & hdwe. mfrs., Danville, Ill.  
 Allivine Co., canned goods, Norma, N. J.  
 Allman Gas Engine & Mach. Co., 461 Canal, New York.  
 Allman, N. R., & Sons, sashes, doors & blinds, Garrett, Ind.  
 Allmendinger, Louis, architect, 20 Palmetto, Brooklyn, N. Y.  
 Allmetal Weatherstrip Co., 224 W. Madison, Chicago, Ill.  
 Allmur Mfg. Co., elec. cooking app., Janesville, Wis.  
 Alloy Steel Forging Co., Carnegie, Pa.  
 Alloyed Metal & Mfg. Co., alum. castings, 2337 Pope & Newstead avs., St. Louis, Mo.  
 Allred, Wm. P., Jr., architect, Fergusson Bldg., Duluth, Minn.  
 Allsteelquipt Co., steel fcty. equip., Aurora, Ill.  
 Allward-Bownan Glass Co., Des Moines, Ia.  
 Allwood, J. R., & Son, cornices, 39 Marshall, Newark, N. J.  
 Allwood Lime Co., 30 N. Dearborn, Chicago, Ill.  
 Allyndale White Marble & Lime Co., Hartford, Conn.  
 Allyne Brass Fndry Co., 207 Crawford, Detroit, Mich., & Buffalo, N. Y.  
 Allyne-Ryan Foundry Co., castings, Aetna rd & E. 91st, Cleveland, Ohio.  
 Alma Lumber Co., Alma, N. C.  
 Alma Mfg. Co., pearl buttons, 661 S. Monroe, Baltimore, Md.  
 Alma Standard Foundry Mfg. Co., Alma, Mich.  
 Almand, A. J., masons' & bldrs.' matls., Lithonia, Ga.  
 Almand, John Parks, architect, Little Rock, Ark.  
 Almar Mfg. Co., elec. light fix. mfrs., 47 W 34th, New York.  
 Almeda Canning Co., Wellston, Ohio.  
 Almetal Mfg. Co., 7227 Manchester av, St. Louis, Mo.  
 Almon Engng. & Contr. Co., 25 Church, New York.  
 Almirall & Co., htg. contrs., 53 W. Jackson Blvd., Chicago, Ill.  
 Almirall, Raymond F., & Cusachs, architects, 12 E. 46th, New York.  
 Almirot, Randolph H., architect, 220 5th av, New York.  
 Almond, David, machst., 88 Warren, Newark, N. J.  
 Almond Mfg. Co., drilling machines, 1516 E. 32d, Cleveland, O.  
 Almond Milling Co., buckwheat flour, Almond, Wis.  
 Almond, T. R., Mfg. Co., machsts. & fndrs., chucks, table lamps, etc., Ashburnham, Mass.  
 Almont Mfg. Co., mchsts. & fndrs., Almont, Mich.  
 Almoth, G. A., draughting tables, New Haven, Conn.  
 Almquist, Carl M., architect, 35 S. Dearborn, Chicago, Ill.  
 Almy, Arthur Lewis, architect, 42 Weybosset, Providence, R. I.  
 Almy & Son, mchsts & fndrs., Trumansburg, N. Y.  
 Almy Water Tube Boiler Co., 184 Allens av, Providence, R. I.  
 Almyra Mach. Works, Almyra, Ark.  
 Aloe, A. S., Co., scientific instruments, 621 Olive, St. Louis, Mo.  
 Aloha Lumber Co., Aloha, Wash.  
 Alpena Excelsior Co., Alpena, Mich.  
 Alpena Woolen Mill Co., woolen blankets, Alpena, Mich.

Alperin, H. J., Co., sad irons, 720 Euclid av, Cleveland, Ohio.  
 Alpert, M., & Son, scrap iron & steel, New Haven, Conn.  
 Alpert Woodworking Co., sash, door & blind mfrs., 410 Snediker av, Brooklyn, N. Y.  
 Alpeter, Hall & Alpeter Co., contractors, Ferguson Bldg., Los Angeles, Cal.  
 Alpha Brick & Holding Co., Glasco, N. Y.  
 Alpha Brush Co., Troy, N. Y.  
 Alpha Hdwe. & Supply Co., Grass Valley & Nevada City, Cal.  
 Alpha Lamp Co., 113 Grant av, Harrison, N. J.  
 Alpha Portland Cement Co., Easton, Pa.  
 Alphasduct Co., conduits, 136 Cator av, Jersey City, N. J.  
 Alpine Evaporated Cream Co., canners, Gonzales, Cal.  
 Alpine Safe & Lock Co., 911 Freeman av, Cincinnati, Ohio.  
 Alpine Woolen Mills, Mount Airy, N. C.  
 Alpirn, A. R., scrap iron, Omaha, Neb.  
 Algonquin Slate Products Co., Worcester, Mass.  
 Already Box Co., Danville, Ill.  
 Alschuler, Alfred S., architect, 28 E. Jackson Blvd, Chicago, Ill.  
 Alsen's Am. Portland Cement Wks., 45 B'way, New York.  
 Alsing, J. R., drug, ball & pebble mills, 75 Guernsey, B'klyn, N. Y.  
 Alsop, M. M., architect, Clarksdale, Miss.  
 Alsop & Peirce, contractors & engineers, Newport News, Va.  
 Alson Process Co., cotton ginning & flour mill machy., St. Louis, Mo.  
 Alsbaugh Cotton Mills, Taylorsville, N. C.  
 Alsteel Mfg. Co., baling presses, Battle Creek, Mich.  
 Alston & Hoggan, contractors, Contl. Nat. Bk. Bldg., Salt Lake City, Utah.  
 Alston Lucas Paint Co., 1029 Currier, Chicago, Ill.  
 Alsop, J. D., architect, James Bldg., Chattanooga, Tenn.  
 Alt Box Mfg. Co., 174 Carroll, St. Louis, Mo.  
 Alt, Fred, mchst. & fndr., Effingham, Ill.  
 Alta Glass Beveling Wks., 1781 Mission, San Francisco, Cal.  
 Altamaha Fertilizer Co., Vidalia, Ga.  
 Altamaha Woodworking Co., Darien, Ga.  
 Altavista Fndry. Co., Altavista, Va.  
 Altamus, Jacob K., mchst., 2824 N. 4th, Philadelphia, Pa.  
 Altenberg, George H., Lumber Co., Dancy, Wis.  
 Altender, Theo., & Son, draftsman's tools, 945 Ridge av, Philadelphia, Pa.  
 Alter, C. A., cornices, Indiana, Pa.  
 Alter Light Co., mantles, 430 S. Green, Chicago, Ill.  
 Alter Motor Car Co., Plymouth, Mich.  
 Alterson, L., & Co., shoe buckles, 461 8th av, New York.  
 Althaus, Jacob, & Co., contractors, 810 Olive, St. Louis, Mo.  
 Althouse Bros., brick, Sycamore, Ohio.  
 Althouse & Jones, architects, Mansfield, Ohio.  
 Althouse, S. W., & Son, brick, Marseilles, Ohio.  
 Althouse-Wheeler Co., agricultural implements, Waupun, Wis.  
 Altieri Bros., contractors, 1560 N. Main, Waterbury, Conn.  
 Altieri, M., & Sons, crushed stone, 363 Concord av, New York.  
 Altizer Elevator Co., 609 N. La Salle, Chicago, Ill.  
 Altland, Alfred D., hammock mfrs., Dillsburg, Pa.  
 Altman, D., soap, 325 W. 21st, New York.  
 Altman, Harry W., architect, Uniontown, Pa.  
 Alto Construction Co., contractors, Utica, N. Y.  
 Alton Box Board & Paper Co., Alton, Ill.  
 Alton Brick Co., Alton, Ill.  
 Alton Brick Co., Chemical Bldg., St. Louis, Mo.  
 Alton Bldrs. Supply Co., Alton, Ill.  
 Alton Canning Co., Alton, Ind.  
 Alton Lumber Co., Buckhannon, W. Va.  
 Altoona Brick Co., Altoona, Pa.  
 Altoona Cement Co., Altoona, Kans.  
 Altoona Coal & Coke Co., Altoona, Pa.  
 Altoona Concrete Constr. & Supply Co., Altoona, Pa.  
 Altoona Construction Co., Altoona, Pa.  
 Altoona Iron Co., Altoona, Pa.  
 Altoona Packing Co., Altoona, Wash.  
 Altorfer Bros. Co., clothes washing machines, Peoria, Ill.  
 Alumalux Co., aluminum solder, Sidney, Ohio.  
 Alumina Shale Brick Co., Bradford & Lewis Run, Pa.  
 Alumina Soaplite Co., 625 3rd, San Francisco, Cal.  
 Aluminum Castings Co., fndrs., 6205 Carnegie av, S. E. Cleveland, Ohio.  
 Aluminum Co. of America, Oliver Bldg., Pittsburgh, Pa.  
*See adv index at end of book.*  
 Aluminum Container Co., metal nov. & spec., Fulton, N. Y.  
 Aluminum Cooking Utensil Co., New Kensington, Pa.  
 Aluminum Flake Co., Akron, Ohio.  
 Aluminum Fdry. Co., Sebring, Ohio.  
 Aluminum Goods Mfg. Co., aluminum kitchen ware, Manitowoc, Wis.  
 Aluminum Mfg. Co., Des Moines, Ia.  
 Aluminum Ore Co., East St. Louis, Ill.  
 Aluminum Products Co., La Grange, Ill.  
 Aluminum Sales & Mfg. Co., 483 B'way, New York.  
 Aluminum Sign Co., Kewaunee, Wis.  
 Aluminum Specialty Co., small metal specialties, Manitowoc, Wis.  
 Alva Roller Mills, flour, Alva & Tangier, Okla.  
 Alvord & Burdick, consulting engrs., Hartford Bldg., Chicago, Ill.  
 Alvey-Ferguson Co., conveyors, 70 North av, Oakley, Cincinnati, Ohio.  
 Alvey Mfg. Co., chain conveyors, etc., 3201 S. B'way, St. Louis, Mo.



- Alvin Mfg. Co., table silverware, Sag Harbor, N. Y.  
 Alvord Reamer Co., Millersburg, Pa.  
 Alward, B. R., flour mills, Camden, Mich.  
 Alway & Meloy, contractors, Lowell, Mass.  
 Alwine Bros. Brick Co., New Oxford, Pa.  
 Alwine, Moses, & Son, contractors, Johnstown, Pa.  
 A. L. W. Nov. Co., garment hangers, Springfield, Mass.  
 Amalgamated Cornice Roofing Co., 161 Broome, New York.  
 Amalgamated Gum Co., casein, Troy, N. Y.  
 Amalgamated Machy. Corp., 72 W. Adams, Chicago, Ill.  
 Amalgamated Motors Corp., Alhambra, Cal.  
 Amalgamated Oil Co., Pac. Elec. Bldg., Los Angeles, Cal.  
 Amalgamated Paint Co., Pier 11, N. R., New York.  
 Amalgamated Roofing Co., 431 S. Dearborn, Chicago, Ill.  
 Amalgamated Sugar Co., Ogden, Utah.  
 Aman & Sandmann, packing box mfrs., 18 W. McMicken av, Cincinnati, Ohio.  
 Amana Society, blankets, Amana, Iowa.  
 Amarillo Broom Co., Amarillo, Texas.  
 Amarillo Hardware Co., wholesale, Amarillo, Texas.  
 Amberg File & Index Co., 1400 Fulton, Chicago, Ill.  
 Amberg, Louis, & Son, children's vehicles, dolls, 101 E. 16th, New York.  
 Amberson, R. T., flour, London, Texas.  
 Ambler-Davis Co., contractors, Harrison Bldg., Philadelphia, Pa.  
 Ambler, Edwin P., heating contr., 2822 La Salle, St. Louis, Mo.  
 Ambler, H. C., Contracting Co., masons' & bldrs.' matls., 3717 Old York rd, Philadelphia, Pa.  
 Ambler Saw Mfg. Co., Natick, Mass.  
 Amboy Paper Co., cardboard, Bridgeport, Pa.  
 Amboy Products Co., canned goods, Amboy, Ill.  
 Amboy Wks., electric & gas light portables, Perth Amboy, N. J.  
 Ambroid Co., varnish mfrs., 227 Miller av, Brooklyn, N. Y.  
 Ambrose, C. P., & Bro., cornices & skylights, Berkley, W. Va.  
 Ambrose, F. O., mill & facty. supplies, Janesville, Wis.  
 Ambrose, J. A., masons' & bldrs.' matls., Lawrenceville, Ga.  
 Ambrose, J. T., canned goods, Oakland, W. Va.  
 Ambrose Mach. Co., Provost, Brooklyn, N. Y.  
 Ambrose, Thomas B., hardware, wholesale, Nashua, N. H.  
 Ambursen Co., contractors, 61 B'way, New York.  
 Ambursen Const. Co., wire rope tramways, 61 B'way, New York.  
 Amendt Milling Co., flour, Monroe, Mich.  
 Ament, H. B., iron glue, Louisville, Ky.  
 America Htg. & Supply Co., Rockford, Ill.  
 Am. Abrasive Metals Co., 50 Church, New York.  
 Am. Adding Mach. Co., Mills Bldg., San Francisco, Cal.  
 Am. Agricult. Chemical Co., fertilizer mfrs., 2 Rector, New York.  
 Am. Air Compressor Wks., 551 Hamilton av, Brooklyn, N. Y.  
 Am. Alkali & Acid Co., Bradford, Pa.  
 Am. Alloys Co., metals, Baltimore, Md.  
 Am. Aluminum Mfg. Co., Lemont, Ill.  
 Am. Aluminum Ware Co., 374 Jelliff av, Newark, N. J.  
 Am. Aniline Products, Inc., aniline colors & dyes, 80 5th av, New York.  
 Am. Antiformin Co., disinfectants, 38 Water, New York.  
 Am. Appliance Co., lamps, Indianapolis, Ind.  
 Am. Appraisal Co., setting valuations, Stroh Bldg., Milwaukee, Wis.  
 Am. Arch. Co., loco. brick arches, etc., 30 Church, New York.  
 Am. Architect, trade publications, 243 W. 39th, New York.  
 Am. Archl. Iron Wks., E. Boston, Boston, Mass.  
 Am. Aromatic Disinfecter Co., 428 Walnut, Philadelphia, Pa.  
 Am. Art Bronze Fdry., 4921 W. Lake, Chicago, Ill.  
 Am. Art Metal Wks., bronze doors, 13 Grace, San Francisco, Cal.  
 Am. Art Papier Mache Wks., Irving Pk. Bldg., Chicago, Ill.  
 Am. Art Sign Co., 201 37th, Brooklyn, N. Y.  
 Am. Art Works, Coshocton, Ohio.  
 Am. Artisan, trade publications, 910 S. Michigan av, Chicago, Ill.  
 Am. Asbestos Co., Norristown, Pa.  
 Am. Asbestos & Mfg. Co., 1 Montgomery, San Francisco, Cal.  
 Am. Asphalt Assn., asphalt miners, St. Louis, Mo.  
 Am. Asphalt Paint Co., 501 5th av., New York.  
 Am. Auto Top Mfg. Co., 1451 Wash. blvd., Chicago, Ill.  
 Am. Autopress Co., printing press mfrs., 110 W. 40th, New York.  
 Am. Automatic Mach. Co., self-closing cocks & bibbs, 22 Lovering, Boston, Mass.  
 Am. Axe & Tool Co., Glassport, Pa.  
 Am. Axle Works, 12th & Montgomery av, Philadelphia, Pa.  
 Am. Badge Co., advtg. nov. & spec., 143 W. Austin av, Chicago, Ill.  
 Am. Bag & Burlap Co., Boston, Mass.  
 Am. Bag Co., Memphis, Tenn.  
 Am. Bakers Machy. Co., 2121 N. 9th, St. Louis, Mo.  
 Am. Balance Valve Co., Jersey Shore, Pa.  
 Am. Ball Bearing Co., Lake av, N. W., Cleveland, Ohio.  
 Am. Ball Co., ball bearings, steel balls mfrs., 115 Clifford, Providence, R. I.  
 Am. Ballast Co., powdered limestone, Holston Nat. Bk. Bldg., Knoxville, Tenn.  
 Am. Bank Protection Co., alarms, 1201 S. 3rd, Minneapolis, Minn.  
 Am. Bar Lock Co., vault & sidewalk lights, Borden av, Long Island City, N. Y.  
 Am. Battery Co., 1132 Fulton, Chicago, Ill.  
 Am. Bauxite Co., Oliver Bldg., Pittsburgh, Pa.  
 Am. Beauty Stove Co., Erie, Pa.  
 Am. Bed Co., 18th & Pk. av, St. Louis, Mo.  
 Am. Bedding Co., Superior, Wis.  
 Am. Beet Sugar Co., Denver, Colo.  
 Am. Bell & Foundry Co., Northville, Mich.  
 Am. Belting Co.'s., 1609 Gough, Baltimore, Md.  
 Am. Belting & Tanning Co., 135 Oliver, Boston, Mass.  
 Am. Billiard Table & Saloon Fixture Co., 924 McLean av, Cincinnati, Ohio.  
 Am. Bitumastic Enamels Co., preservative paint mfrs., 17 Battery pl, New York.  
 Am. Blacksmith Co., trade publications, 775 Main, Buffalo, N. Y.  
 Am. Blank Book Mfg. Co., 150 Lafayette, New York.  
 Am. Blind Stitch Mach. Co., 325 Lafayette, New York.  
 Am. Blower Co., mchsts. & fndrs., 1400 Russell, Detroit, Mich.  
 Am. Blue Print Co., 30 E. 42d, New York.  
 Am. Blue Print Paper Co., drawing materials, 335 Plymouth pl, Chicago, Ill.  
 Am. Blue Stone Co., Warsaw, N. Y.  
 Am. Boat Co., motor boat, Detroit, Mich.  
 Am. Body Co., auto. bodies, 1257 Niagara, Buffalo, N. Y.  
 Am. Boiler Wks., Erie, Pa.  
 Am. Bolt Co., Birmingham, Ala.  
 Am. Bolt & Screw Case Co., Dayton, Ohio.  
 Am. Bonding Co. of Baltimore, insurance, Fidelity Bldg., Baltimore, Md.  
 Am. Boron Products Co., copper alloy mfr., 686 Court, Reading, Pa.  
 Am. Bottle Cap Mfg. Co., 53 E. Illinois, Chicago, Ill.  
 Am. Bottle Co., 38 S. Dearborn, Chicago, Ill.  
 Am. Bottle Co., Massillon, Ohio.  
 Am. Bottle Co., Newark, Ohio.  
 Am. Box Ball Co., bowling alley bldrs., 1545 Vanburen, Indianapolis, Ind.  
 Am. Box Board Co., Grand Rapids, Mich.  
 Am. Box Co., packing box, 1932 W. 3d, Cleveland, Ohio.  
 Am. Box & Lumber Co., Nashua, N. H., and Norfolk, Va.  
 Am. Brake Co., 1932 N. B'way, St. Louis, Mo.  
 Am. Brake Shoe & Fndry. Co., 30 Church, New York.  
 AMERICAN BRASS CO., brass, copper & German silver in the form of sheets, rolls, wire, rods & tubes, mfrs., Waterbury, Conn. *For branch offices see adv index at end of book.*  
 Am. Brass & Copper Co., 138 Lafayette, New York.  
 Am. Brass Fix. Wks., machsts., 66 Greenpoint av, B'klyn, N. Y.  
 Am. Brass Fndry. Co., 1916 St. Paul, Milwaukee, Wis.  
 Am. Brass & Glass Co., elec. & gas light fixtures, 190 N. La Salle, Chicago, Ill.  
 Am. Brass & Iron Co., machsts. & fndrs., castings, etc., Crystal & Trombly, Detroit, Mich.  
 Am. Brass Mfg. Co., cocks, stops & waste, 1521 E. 49th, Cleveland, Ohio.  
 Am. Brass Mfg. Co., fndrs., 731 Folsom, San Francisco, Cal.  
 Am. Bread & Pastry Board Co., Cambridge, Ohio.  
 Am. Briar Pipe Co., 171 Randolph, Chicago, Ill.  
 Am. Brick Co., Berlin, Conn.  
 Am. Brick Co., common brick, Scranton, Pa.  
 Am. Brick & Tile Co., Mason City, Ia.  
 Am. Bridge Co., bridge bldg., steel structl. wk., etc., 30 Church, New York, and Frick Bldg., Pittsburgh, Pa.  
 Am. & British Mfg. Co., motor fire engines, steel projectiles, etc., Charles, Providence, R. I.  
 Am. Bronze Co., bearings, bushings, castings, bronze, Berwyn, Pa.  
 Am. Bronze Co., fndrs., Buffalo, N. Y.  
 Am. Bronze Powder Mfg. Co., 16 Warren, New York.  
 Am. Broom & Brush Co., Amsterdam, N. Y.  
 Am. Broom Mfg. Co., Short & Edenburg, New Orleans, La.  
 Am. Broom Supply Co., St. Louis, Mo.  
 Am. Brush Corp., 22nd & Union av, Chicago, Ill.  
 Am. Buckle Co., West Haven, Conn.  
 Am. Buffalo Robe Co., Buffalo, N. Y.  
 Am. Bldg. Brick Co., 3639 W. 56th, Cleveland, Ohio.  
 Am. Bldg. Fdry. Co., 2300 S. Springfield av, Chicago, Ill.  
 Am. Buncher Mfg. Co., Indianapolis, Ind.  
 Am. Bureau of Inspection, inspecting & testing engineers, Monadnock Blk., Chicago, Ill.  
 Am. Butter Cutting Mach. Co., Elmsford, N. Y.  
 Am. Button Co., 70 Morris av, Newark, N. J.  
 Am. Button Wks., 312 7th av, New York.  
 Am. By-Product Machy. Co., 90 West, New York.  
 Am. Cabinet Co., dental furn., Two Rivers, Wis.  
 Am. Calk Co., steel toe-calks, 1217 Forest, Detroit, Mich.  
 Am. Camphor Refining Co., 14 Fulton, Boston, Mass.  
 Am. Can Co., 120 B'way, New York. *See adv index at end of book.*  
 Am. Car Co., 1518 S. Vandeventer av, St. Louis, Mo.  
 Am. Car & Foundry Co., car supplies, machsts. & fndrs., ship bldrs., etc., Syndicate Trust Bldg., St. Louis, Mo.  
 Am. Car & Ship Hdwe. Co., mchsts. & fndrs., New Castle, Pa.  
 Am. Car Sprinkler Co., Worcester, Mass.  
 Am. Carbolite Co., calcium carbide, Duluth, Minn.  
 Am. Carbon & Battery Co., E. St. Louis, Mo.  
 Am. Carbonic Machinery Co., ice & refrigerating machines, Grand Rapids, Wis.  
 Am. Card Clothing Co., Worcester, Mass.  
 Am. Carpenter & Bldr. Publishing Co., 1827 Prairie av, Chicago, Ill.  
 Am. Carpet & Upholstery Journal, 421 Chestnut, Phila., Pa.  
 Am. Carrara Marble Co., Los Angeles, Cal.  
 Am. Carriage Co., 1275 Budd, Cincinnati, Ohio.



- Am. Carriage Co., Kalamazoo, Mich.  
 Am. Carton Sealing Mach. Co., 1060 W. Harrison, Chicago, Ill.  
 Am. Casket Co., 519 Broome, New York.  
 Am. Cast Iron Pipe Co., Birmingham, Ala.  
 Am. Casting Co., castings, letters & figures, seals, etc., Brooklyn, N. Y.  
 Am. Casting Co., fndrs., cast iron pipe, culverts, etc., Birmingham, Ala.  
 Am. Casting & Mfg. Corp., 30 Main, Brooklyn, N. Y.  
 Am. Cement Mach. Co., Keokuk, Ia.  
 Am. Cement & Plaster Co., Blue Rapids, Kans.  
 Am. Cement Plaster Co., Fort Dodge, Ia.  
 Am. Cement Plaster Co., Lawrence, Kans.  
 Am. Cement Tile Mfg. Co., Oliver Bldg., Pittsburgh, Pa.  
 Am. Cereal-Coffee Co., cereal foods, 18 E. Kinzie, Chicago, Ill.  
 Am. Cereal Co., 17 Battery pl, New York.  
 Am. Chain Co., chain mfrs., Bridgeport, Conn.  
 Am. Chemical Co., 6040 Carr, Cincinnati, Ohio.  
 Am. Chemical & Dyestuff Co., 24 Custom House, Boston, Mass.  
 Am. Chemical & Mfg. Co., paint mfrs., Norfolk, Va.  
 Am. Chemical & Mining Co., polish, Atlanta, Ga.  
 Am. Chemical Paint Co., 1126 S. 11th, Philadelphia, Pa.  
 Am. Chime Clock Co., 1665 Ruffner, Philadelphia, Pa.  
 Am. Circular Loom Co., interior conduits, 16 Medford, Boston, Mass., and Kenilworth, N. J.  
 Am. City, trade publications, 154 Nassau, New York.  
 Am. Clay Co., Terre Haute, Ind.  
 Am. Clay Machinery Co., 5 Walnut, Bucyrus, Ohio.  
 Am. Clay Products Co., 175 5th av, New York.  
 Am. Clay Products Mfg. Co., potteries, Stillwater, Minn.  
 Am. Clip Co., filing devices, Beebe av, Long Island City, N. Y.  
 Am. Coal Chute Co., 14 Buffington av, Newark, N. J.  
 Am. Coast Co., contractors, Atlantic City, N. J.  
 Am. Coil Co., Foxboro, Mass.  
 Am. Cold Japan Co., paint mfrs., Pittsburgh, Pa.  
 Am. Color Co., dyes, Indianapolis, Ind.  
 Am. Column & Lumber Co., St. Albans, W. Va.  
 Am. Commercial Corp., bags, baskets, etc., 120 B'way, New York.  
 Am. Compound Door Co., hardwood doors, 2031 S. Morgan, Chicago, Ill.  
 Am. Compressor & Pump Co., 801 E. Pratt, Baltimore, Md.  
 Am. Computing Co., cheese cutters, Indianapolis, Ind.  
 Am. Concrete Co., 166 Georgia, Buffalo, N. Y.  
 Am. Concrete Filler Co., Hippodrome Annex, Cleveland, Ohio.  
 Am. Concrete Steel Co., 27 Clinton av, Newark, N. J.  
 Am. Conduit Co., East Chicago, Ind.  
 Am. Conduit Mfg. Co., Keystone Bldg., Pittsburgh, Pa.  
 Am. Construction Co., dams, bulkheads, breakwaters, etc., Rockefeller Bldg., Cleveland, Ohio.  
 Am. Contrg. Co., 201 Rutger, St. Louis, Mo.  
 Am. Contractor Publishing Co., 6 N. Mich., Chicago, Ill.  
 Am. Conveyor Co., 3017 La Salle, Chicago, Ill.  
 Am. Cooperage Co., Helena, Ark.  
 Am. Copper & Brass Wks., copper floats, pans, stills, tanks, etc., Cincinnati, Ohio.  
 Am. Cork Co., 16 Blackstone, Boston, Mass.  
 Am. Corn Mill Co., Winston-Salem, N. C.  
 Am. Cornice Works, 966 E. 4th, Los Angeles, Cal.  
 Am. Cornice Wks., 3 Charles, Providence, R. I.  
 Am. Cotter Pin Co., spring, Park Bldg., Pittsburgh, Pa.  
 Am. Cotton Mills, cheese cloth, 70 Franklin, New York.  
 Am. Cotton Oil Co., 65 B'way, New York.  
 Am. Crayon Co., 1300 Hayes av, Sandusky, Ohio.  
*See adv index at end of book.*  
 Am. Creosote Works, Southport, New Orleans, La.  
 Am. Creosoting Co., 401 W. Main, Louisville, Ky.  
 Am. Creosoting Co., creosoting works, 17 Battery pl, New York.  
 Am. Cross Arm Co., underground conduits, 332 S. Michigan, Chicago, Ill.  
 Am. Cuckoo Clock Co., 1665 Ruffner, Wayne Junction, Philadelphia, Pa.  
 Am. Culvert Co., steel coal bins, Albert Lea, Minn.  
 Am. Cut Glass Co., Lansing, Mich.  
 Am. Cutlery Co., knives, openers, scales, etc., 764 Mather, Chicago, Ill.  
 Am. Cyanamid Co., Nashville, Tenn.  
 Am. Cyanamid Co., chemicals, 200 5th av, New York.  
 Am. Diamond Rock Drill Co., 95 William, New York.  
 Am. Die Casting Co., Indianapolis, Ind.  
 Am. Die & Tool Co., manufacturing machinists, Reading, Pa.  
*See adv index at end of book.*  
 Am. Disinfectant Wks., Buffalo, N. Y.  
 Am. Disinfecting Co., Sedalia, Mo.  
 Am. Distilling Co., Pekin, Ill.  
 Am. Distributing Co., distributors, 27 William, New York.  
 Am. District Steam Co., heating contrs. & steam fitters' supplies, North Tonawanda, N. Y.  
 Am. Doll Mfg. Co., 61 Wooster, New York.  
 Am. Drafting Furniture Co., stock & special drafting room equipment, 171-199 Railroad, Rochester, N. Y.  
*See adv index at end of book.*  
 Am. Dredge Building & Constr. Co., Seattle, Wash.  
 Am. Dredging Co., Mariners' & Merchants' Bldg., Phila., Pa.  
 Am. Dredging Co., 21 California, San Francisco, Cal.  
 Am. Drop Forger, trade publication, 108 Smithfield, Pittsburgh, Pa.  
 Am. Dry Plate Co., Worcester, Mass.  
 Am. Duplex Steam Trap Co., Moffatt Bldg., Detroit, Mich.  
 Am. Duplicator Co., 3 Coenties sl, New York.  
 Am. Duralumin Co., 11 Pine, New York.  
 Am. Dust Absorbing Floor Oil Co., 100 Greene, New York.  
 Am. Dyewood Co., 80 Maiden la, New York.  
 Am. Dynalite Co., Amherst, Ohio.  
 Am. Electric Air Pump Co., compressors (air), Penn & Barbeau, Pittsburgh, Pa.  
 Am. Electric Battery Wks., 116 Wooster, New York.  
 Am. Elec. Co., tele. apparatus & lightning arresters, 6401 S. State, Chicago, Ill.  
 Am. Elec. Cutting Mach. Co., 410 E. 32d, New York.  
 Am. Elec. Lamp Wks. of G. E. Co., Central Falls, R. I.  
 Am. Elec. Mach. & Elev. Co., 1706 N. 12th, St. Louis, Mo.  
 Am. Elec. Tool Co., machsts., drills, W. Newton, Mass.  
 Am. Elec. Welding Co., 200 5th av, New York.  
 Am. Elec'l. Heater Co., machst., Burroughs & Woodward avs, Detroit, Mich.  
 Am. Electrical Works, cables, coils, wires, etc., Phillipsdale, R. I.  
 Am. Elevator Co., 117 Cedar, New York.  
 Am. Elevator & Electric Co., 511 Poydras, New Orleans, La.  
 Am. Elevator & Machine Co., Louisville, Ky.  
 Am. Emery Wheel Works, Providence, R. I.  
 Am. Enamel Co., wood turners & enamelers & enamel mfrs., Providence, R. I.  
 Am. Enameled Brick & Tile Co., brick mfrs., 52 Vanderbilt av, New York.  
 Am. Enameled Magnet Wire Co., Muskegon, Mich.  
 Am. Enameling Mfg. Corp., Rahway, N. J.  
 Am. Encastic Tiling Co., tile mfrs., 16 E. 40th, New York.  
 Am. Engine & Boiler Wks., Tonawanda, N. Y.  
 Am. Engine Co., rowboat motors, 2d & Amsterdam, Detroit, Mich.  
 Am. Engine & Electric Co., Bound Brook, N. J.  
 Am. Engineering Co., shipbuilding machinery, Philadelphia, Pa.  
 Am. Envelope Co., 817 Washington blvd, Chicago, Ill.  
 Am. Envelope Co., West Carrollton, Ohio.  
 Am. Equip. Co., bolt, nut & rivet, Norristown, Pa.  
 Am. Evaporator Co., 222 N. Front, Philadelphia, Pa.  
 Am. Ever Ready Wks. of Nat. Carbon Co., electrical specialties, battery holders, Thompson av, L. I. City, N. Y.  
 Am. Expansion Bolt Co., 1752 Webster av, New York.  
 Am. Exporter, trade publication, 17 Battery pl, New York.  
 Am. Extract Co., 129 W. Kinzie, Chicago, Ill.  
 Am. Fabric Belting Co., Cleveland, Ohio.  
 Am. Face Brick Assn., Fulton Bldg., Pittsburgh, Pa.  
 Am. Falls Milling Co., Ltd., flour, American Falls, Idaho.  
 Am. Feather Duster Co., 117 Mercer, New York.  
 Am. Felt Co., 100 Summer, Boston, Mass.  
 Am. Ferrofix Brazing Co., Perry Bldg., Philadelphia, Pa.  
 Am. Fertilizer, trade publications, 1010 Arch, Philadelphia, Pa.  
 Am. Fertilizer Co., Savannah, Ga.  
 Am. Fertilizing Co., Norfolk, Va.  
 Am. Fibre Chair Seat Corp., 540 Van Alst av, Long I. City, N. Y.  
 Am. Fibre Co., Jacksonville, Fla.  
 Am. Fidelity Co., insurance, Montpelier, Vt.  
 Am. File Renewing Co., Eagle, Providence, R. I.  
 Am. Film Co., moving picture films, 155 N. Clark, Chicago, Ill.  
 Am. Filter Co., 665 Buffum, Milwaukee, Wis.  
 Am. Finishing Machy. Co., 141 Milk, Boston, Mass.  
 Am. Fire Alarm Co., 967 Liberty av, Pittsburgh, Pa.  
 Am. Fire App. Co., 30 E. 42d, New York.  
 Am. Fire Brick Co., Spokane, Wash.  
 Am. Fire Clay Co., American Trust Bldg., Cleveland, Ohio.  
 Am. Fixture Co., St. Joseph, Mo.  
 Am. Fixture Co., store fix., 20th & York, San Francisco, Cal.  
 Am. Fixture & Mfg. Co., Troy, Ohio.  
 Am. Flag Co., 73 Mercer, New York.  
 Am. Flag Mfg. Co., Easton, Pa.  
 Am. Flexible Bolt Co., Union Bank Bldg., Pittsburgh, Pa.  
 Am. Floor Surfacing Machine Co., 515 S. St. Clair, Toledo, Ohio.  
 Am. Flooring Co., 101 Park av, New York.  
 Am. Flyer Mfg. Co., toys, games & nov., 2219 S. Halstead, Chicago, Ill.  
 Am. Foil Co., tin foil, 617 W. 18th, New York.  
 Am. Folding Box Co., 84 Thomas, New York.  
 Am. Folding Machine Co., paper folding machines, Warren, Ohio.  
 Am. Forge Co., 25 Tehama, San Francisco, Cal.  
 Am. Forge Wks., 1421 13th, Denver, Colo.  
 Am. Fork & Hoe Co., mehsts. & fndrs., Swetland Bldg., Cleveland, Ohio.  
 Am. Fdry. & Casting Co., Dayton, Ohio.  
 Am. Fdry. Co., Indianapolis, Ind.  
 Am. Foundry & Construction Co., steam heating contractors, expansion joints, etc., 2d av. & Longworth, Pittsburgh, Pa.  
 Am. Fdry. Equipt. Co., 52 Vanderbilt av, New York.  
 Am. Fdry. & Mach. Co., Hamilton, Ohio.  
 Am. Foundry & Mfg. Co., galvanizing works, Frederick, Md.  
 Am. Foundry & Mfg. Co., 11th & Herbert, St. Louis, Mo.  
 Am. Fdry. & Pipe Co., Penn Station, Pa.  
 Am. Frog & Switch Co., Hamilton, Ohio.  
 Am. Furnace Co., 2725 Morgan, St. Louis, Mo.  
 Am. Galvanizing Co., 3300 Grays Ferry av, Philadelphia, Pa.  
 Am. Gas Engine Co., 11th & Winchester av, Kansas City, Mo.  
 Am. Gas Fixture Works, 1235 Filbert, Philadelphia, Pa.  
 Am. Gas Furnace Co., 24 John, New York.



- Am. Gas Light Journal, 42 Pine, New York.  
 Am. Gas Machine Co., camp stoves, Albert Lea, Minn.  
 Am. German Boiler Compound Co., 30 N. Dearborn, Chicago, Ill.  
 Am. Glass Spec. Co., lantern globes, Monaca, Pa.  
 Am. Glass Wks., bottles, Richmond, Va.  
 Am. Glue Co., 121 Beverly, Boston, Mass.  
 Am. Golf Glove Co., 5127 Lena, G'tn., Philadelphia, Pa.  
 Am. Grain & Fertilizer Co., Mobile, Ala.  
 Am. Grain Separator Co., Erie & S. E. Essex, Minneapolis, Minn.  
 Am. Granite Co., Hardwick, Vt.  
 Am. Granite Co., 15th & Cleveland avs, Milwaukee, Wis.  
 Am. Granite Saw Co., Worcester, Mass.  
 Am. Graphite Co., 38 S. Dearborn, Chicago, Ill.  
 Am. Graphite Co., baking enamels, Cleveland, Ohio.  
 Am. Graphite Co., Gadsen, Ala.  
 Am. Graphophone Co., fndrs., Bridgeport, Conn.  
 Am. Grinder Mfg. Co., 149 Michigan, Milwaukee, Wis.  
 Am. Grocer, trade publication, 90 Broadway, New York.  
 Am. Grondal Co., furnaces, 120 Broadway, New York.  
 Am. Guard Rail Fastener Co., rail anchors, fasteners & braces, Real Estate Trust Bldg., Philadelphia, Pa.  
 Am. Gum Products Co., core compounds, 200 5th av, New York.  
 Am. Gut String Mfg. Co., 4151 S. Ashland av, Chicago, Ill.  
 Am. Gypsum Co., wall plaster mfrs., Rochester, N. Y.  
 Am. Hair Cloth Co., Pawtucket, R. I.  
 Am. Hair Felt Co., 41st & Madison av, New York.  
 Am. Hame & Bit Co., mchsts. & fndrs., 59 N. J. R. R. av, Newark, N. J.  
 Am. Handle Co., Jonesboro, Ark.  
 Am. Hard Rubber Co., rubber goods mfrs., 9 Mercer, New York, & Akron, Ohio.  
 Am. Hard Wall Plaster Co., Utica, N. Y.  
 Am. Hardware Co. (wholesale), Charlotte, N. C.  
 Am. Hdwe. Lbr. Co., N. Market n Levee, St. Louis, Mo.  
 Am. Hdwe. Stores, Inc., hdwe. & mill & facty supplies, 140 Middle, Bridgeport, Conn.  
 Am. Hardware & Supply Co., Terminal Bldg., Pittsburgh, Pa.  
 Am. Hatter, trade publication, 1182 B'way, New York.  
 Am. Heating Co., 7034 B'way, S. E., Cleveland, Ohio.  
 Am. Heating Co., Duluth, Minn.  
 Am. Heating & Supply Co., Rockford, Ill.  
 Am. Heyl Co., color mfrs., 6 Platt, New York.  
 Am. Hide & Leather Co., 1330 Elston av, Chicago, Ill.  
 Am. High Explosive Co., 712 Empire Bldg., Pittsburgh, Pa.  
 Am. High Speed Chain Co., Indianapolis, Ind.  
 Am. High Speed Press Co., 30 E. 23d, New York.  
 Am. Hog Post Co., oilers, Peoria, Ill.  
 Am. Hoist & Derrick Co., hoists & derricks, 63 S. Robert, St. Paul, Minn.  
 Am. Hominy Co., Indianapolis, Ind.  
 Am. Hone Co., Olean, N. Y.  
 Am. Horse Shoe Co., iron rolling & steel bar mills, Phillipsburg, N. J.  
 Am. Hosiery Co., New Britain, Conn.  
 Am. Hotel Supply Co., 422 S. Dearborn, Chicago, Ill.  
 Am. Huhn Metallic Packing Co., 233 B'way, New York.  
 Am. Hydrating Co., lime hydrating machy., Md. Trust Bldg., Baltimore, Md.  
 Am. Ice Co., tongs, 6th & Arch, Philadelphia, Pa.  
 Am. Injector Co., machsts. & brass fndrs., injectors & ejectors, 173 14th av, Detroit, Mich.  
 Am. Insulated Wire & Cable Co., 954 W. 21st, Chicago, Ill.  
 Am. Insulating Machinery Co., wire winding & covering machinery, Fairhill & Huntingdon, Philadelphia, Pa.  
 Am. Insulation Co., pipe & boiler covering, Roberts av & Stokley, Philadelphia, Pa.  
*See adv index at end of book.*  
 Am. Iron & Metal Co., scrap rubber, 49 Purchase, Boston, Mass.  
 Am. Iron & Supply Co., scrap iron & steel, 110 S. Dearborn, Chicago, Ill.  
 Am. Iron & Wire Wks., 1622 Carroll av, Chicago, Ill.  
 Am. Iron & Wire Wks., architect'l & ornamental, Seattle, Wash.  
 Am. Iron Works, Des Moines, Ia.  
 Am. Iron Wks., machsts., Louisville, Ky.  
 Am. Ironing Machine Co., Federal Life Bldg., Chicago, Ill.  
 Am. Keene Cement Co., Sigura, Utah.  
 Am. Kersey Co., woolen blankets, Litchfield, Minn.  
 Am. Key Can Co., 140 S. Dearborn, Chicago, Ill.  
 Am. Keyless Lock Co., 619 W. Jackson blvd, Chicago, Ill.  
 Am. Knife Co., Baldwinsville, N. Y.  
 Am. Knitting Co., bathing suit mfrs., Honesdale, Pa.  
 Am. Knitting Co., bathing suits, Waltham, Mass.  
 Am. Knitting Mills, sweaters, etc., Cent'l Trust Bldg., Phila., Pa.  
 Am. Krupp System-Diesel Engine Co., machsts., 165 Broadway, Brooklyn, N. Y.  
 Am. Label & Advtg. Tape Co., 60 Cooper Sq., New York.  
 Am. Label Co., 216 W. 18th, New York.  
 Am. Label Mfg. Co., Cross & Covington, Baltimore, Md.  
 Am. Lace Leather Co., belt lacing, Richmond, Va.  
 Am. Lacquer Co., Bridgeport, Conn.  
 Am. La France Fire Engine Co., Elmira, N. Y.  
 Am. Laminated Belting Co., 30 Church, New York.  
 Am. Lamp Wks., 253 W. 47th, New York.  
 Am. Laundry Machy. Co., Cincinnati, Ohio.  
 Am. Lava Co., acetyl. gas burner, tile mfrs. & miners, Chattanooga, Tenn.  
*See adv index at end of book.*  
 Am. Lawn Mower Co., Muncie, Ind.  
 Am. Lead Co., bar, 3116 Penn av, Pittsburgh, Pa.  
 Am. Lead Pencil Co., 220 5th av, New York.  
 Am. Leather Mfg. Co., 488 Frel av, Newark, N. J.  
 Am. Leather Products Co., Indianapolis, Ind.  
 Am. Lightning Rod Co., Omaha, Neb.  
 Am. Lignite Briquette Co., San Antonio, Tex.  
 Am. Lime & Stone Co., Tyrone, Pa.  
 Am. Linoleum Mfg. Co., 366 5th av, New York.  
 Am. Linseed Co., 79 Milk, Boston, Mass.  
 Am. Linseed Co., Detroit, Mich.  
 Am. Linseed Co., Woolworth Bldg., New York.  
 Am. Locknut Co., 10600 Corliss av, Chicago, Ill.  
 Am. Lock Nut & Tool Co., mchsts. & fdrs., Oregon, Ill.  
 Am. Locomotive Co., mchsts. & fndrs., 30 Church, New York, & Beaver & Stanton, Pittsburgh, Pa.  
 Am. Logging Tool Co., Evart, Mich.  
 Am. Loose Leaf Mfg. Co., 121 N. Green, Chicago, Ill.  
 Am. Lubricator Co., mchsts. & fndrs., Summit & Wabash Ry., Detroit, Mich.  
 Am. Lumber & Cedar Co., 209 Lumber exch., Minneapolis, Minn.  
 Am. Lumber Co., 1407 Philpot, Baltimore, Md.  
 Am. Lumber Co., Merryville, La.  
 Am. Lbr. Co., 30 Church, New York.  
 Am. Lbr. & Construction Co., Duluth, Minn.  
 Am. Lumber & Export Co., Birmingham, Ala.  
 Am. Lumber & Mfg. Co., Peoples Bank, Pittsburgh, Pa.  
 Am. Lumberman, trade publications, 431 S. Dearborn, Chicago, Ill.  
 Am. Luminous Products Co., paint, powder, cardboard, novelties, etc., Watts, Los Angeles, Cal.  
 Am. Luxfer-Prism Co., glass constructions, 1018 37th, Chicago, Ill.  
 Am. McKenna Process, iron rail & rolling mills, 508 Colby-Abbott, Milwaukee, Wis.  
 Am. Mach. Co., paper slitting & tagging machy., Newark, Del.  
 Am. Machine Co., Newark, Ohio.  
 Am. Machine & Foundry Co., cigar & cigarette packing, & tobacco machy., 5520 2d av, Brooklyn, N. Y.  
 Am. Mach. & Mfg. Co., cottonseed hullers, Greenville, S. C.  
 Am. Mach. Wks., Omaha, Neb.  
 Am. Machy. Co., Atlanta, Ga.  
 Am. Machinery Co., carton sealing machines, 1229 Callowhill, Philadelphia, Pa.  
 Am. Machinery Co., mchsts. & fdrs., Port Huron, Mich.  
 Am. Machy. & Const. Co., 103 W. Water, Milwaukee, Wis.  
 Am. Machinery Exchange, second-hand machinery, 217 Centre, New York.  
 Am. Machsts., trade publication, 10th av & 36th, New York.  
 Am. Made Stuffed Toy Co., 231 Mercer, New York.  
 Am. Magnesia & Covering Co., magnesia pipe coverings, Plymouth Meeting, Pa.  
 Am. Magnesia Products Co., sanitary flooring, 418 W. 12th st, Chicago, Ill.  
 Am. Magnesium Corp., ferro-metals—magnesium, Niagara Falls, N. Y.  
 Am. Mailing Device Corp., 103 Park av, New York.  
 Am. Maize-Products Co., oils, 135 William, New York.  
 Am. Malleable Casting Co., Marion, Ohio.  
 Am. Malleable Co., machsts., Owosso, Mich.  
 Am. Malleables Co., malleable iron castings, Lancaster, N. Y.  
 Am. Manganese Bronze Co., bronze castings, 3501 Rhawn, Philadelphia, Pa.  
 Am. Manganese Mfg. Co., ferro-manganese, Bullitt Bldg., Philadelphia, Pa.  
 Am. Manganese Steel Co., 332 S. Mich av, Chicago, Ill.  
 Am. Mangle & Roller Co., laundry machy., Racine, Wis.  
 Am. Mfg. Co., catalog envelopes & shipping tags, Battle Creek, Mich.  
 Am. Mfg. Co., cordage & twine mfrs., Noble, Brooklyn, N. Y.  
 Am. Mfg. Co., grass catchers, Columbus, Ohio.  
 Am. Mfg. Co., hdwe-cabinet & saddlery, Chattanooga, Tenn.  
 Am. Mfg. Co., inc. lamp coloring, 1319 3d av, New York.  
 Am. Mfg. Co., sashes, doors & blinds, 2101 Louisiana, New Orleans, La.  
 Am. Mfg. Co., soda water fountains, Memphis, Tenn.  
 Am. Mfg. Co., table silverware, Meriden, Conn.  
 Am. Mfg. Co., waterproofing materials & shingle stains, 114 Plymouth av N., Minneapolis, Minn.  
 Am. Mfg. Concern, advtg. novelties, Falconer, N. Y.  
 Am. Mason Safety Tread Co., safety stair treads, Boston, Mass.  
 Am. Matrix-Paper Mills, paper mfrs., Richmond, Va.  
 Am. Mechanical Toy Co., Dayton, Ohio.  
 Am. Mercantile Co., fishing poles, Tacoma, Wash.  
 Am. Metal Bed Co., 42 Clifton, Newark, N. J.  
 Am. Metal Ceiling Co., 1529 Fulton, Brooklyn, N. Y.  
 Am. Metal Co., 61 Broadway, New York.  
 Am. Metal Fusing & Cutting Co., autogenous welding, 352 Jackson av, Long Island City, N. Y.  
 Am. Metal Form Co., concrete forms, 343 S. Dearborn, Chicago, Ill.  
 Am. Metal Hose Co., flexible metallic hose & tubing mfrs., Watertbury, Conn.  
 Am. Metal Polish Co., W. Somerville, Mass.  
 Am. Metal Products Co., bolt clippers, 72 W. Adams, Chicago, Ill.  
 Am. Metal Treatment Co., Elizabeth, N. J.



- Am. Metal Ware Co., bedstead mfrs., sheet metal stamping, 368 Huron, Chicago, Ill.
- Am. Metal Weather Strip Co., weather strips, 144 Division N., Grand Rapids, Mich.
- Am. Metal Wheel & Auto Co., Toledo, Ohio.
- Am. Metal Works, metal stamping & dies, 20 E. Herman, Philadelphia, Pa.
- Am. Metallic Packing Co., Lexington, Ky.
- Am. Meter Co., fndrs., 3112 N. 17th, Philadelphia, Pa.
- Am. Mica Co., Newton Lower Falls, Mass.
- Am. Milk Co., canned, 324 W. Kinzie, Chicago, Ill.
- Am. Mill Co., lumber, Aberdeen, Wash.
- Am. Mills Co., cordage & twine, Atlanta, Ga.
- Am. Mills Co., woolen carriage cloth, Rockville, Conn.
- Am. Mills Co., cotton & elastic webbing, Waterbury, Conn.
- Am. Mine Door Co., Canton, Ohio.
- Am. Mineral Co., talc mfrs., soapstone, Johnson, Vt.
- Am. Mining Tool Co., Ottumwa, Ia.
- Am. Mirror Co., 160 Reed, Milwaukee, Wis.
- Am. Model & Instrument Co., elec. bells & horns, & universal code signal system mfrs., 54 Commercial, Worcester, Mass.
- Am. Moistening Co., mine sprayers, humidifying apparatus, 120 Franklin, Boston, Mass.
- Am. Mold Co., 235 Cherry, Philadelphia, Pa.
- Am. Monolith Co., sanitary flooring, 765 30th, Milwaukee, Wis.
- Am. Morocco Case Co., 217 W. 38th, New York.
- Am. Mosaic & Tile Co., Louisville, Ky.
- Am. Motor Equipment Co., mchsts. & fndrs., 181 Mass av, Boston, Mass.
- Am. Motor Vehicle Co., Lafayette, Ind.
- Am. Motorist, trade publication, 501 5th av, New York.
- Am. Motors Corp., 100 Broad, New York.
- Am. Multiple Fabric Co., 183 Hartford av, Providence, R. I.
- Am. Multigraph Sales Co., multigraphs, etc., 1832 E. 40th, Cleveland, Ohio.
- Am. Name Plate Co., 352 Atlantic av, Boston, Mass.
- Am. Net & Twine Co., 575 Atlantic av, Boston, Mass.
- Am. Nickel Wks., plating wks., 555 W. Monroe, Chicago, Ill.
- Am. Nickeloid Co., Peru, Ill.
- Am. Novelty Paper Co., Saugerties, N. Y.
- Am. Novelty Wks., dowels & wood handles, Wellsville, N. Y.
- Am. Numbering Mach. Co., 224 Shepherd, Brooklyn, N. Y.
- Am. Nut & Bolt Fastener Co., lock washers, Ontario & Doerr, Pittsburgh, Pa.
- Am. Oak Leather Co., Kenner, Dalton & McLean avs, Cincinnati, Ohio.
- Am. Oil Co., lubrg. oils, American Bldg., Baltimore, Md.
- Am. Oil Co., lubrg., Jackson, Mich.
- Am. Oil Co., 180 S. Water, Providence, R. I.
- Am. Oil & Disinfectant Co., 196 Water, New York.
- Am. Oil & Lubricant Wks., Rochester, N. Y.
- Am. Oil & Paint Co., 284 Perry, San Francisco, Cal.
- Am. Oil Pump & Tank Co., Cincinnati, Ohio.
- Am. Oil & Supply Co., 52 Lafayette, Newark, N. J.
- Am. Oil Treating & Hardening Co., lubrg. oils, Ivorydale, Cincinnati, Ohio.
- Am. Oil Wks. (Ltd.), Titusville, Pa.
- Am. Olive Co., canned, Los Angeles, Cal.
- Am. Optical Co., goggles & eye protectors, lenses & watch crystals, Southbridge, Mass.
- Am. Ornamental Iron Wks., 480 Grand, New York.
- Am. Oven & Mach. Co., 111 W. Washington, Chicago, Ill.
- Am. Oxhydric Co., oxygen gas, ft. 32d, Milwaukee, Wis.
- Am. Oxygen Assn., 134 Eliot, Boston, Mass.
- Am. Oxygen Co., gas, Perry Bldg., Philadelphia, Pa.
- Am. Oxygen Co., oxy-acet. welding app., 2d & Elm, Cincinnati, O.
- Am. Packing Co., canned goods, Everett, Wash.
- Am. Pad & Ink Co., 22d & Glenwood av, Philadelphia, Pa.
- Am. Pad & Paper Co., Holyoke, Mass.
- Am. Pad & Textile Co., Greenfield, Ohio.
- Am. Paint & Glass Co., 131 Fort, W., Detroit, Mich.
- Am. Paint Works, 428 Josephine, New Orleans, La.
- Am. Paper Bobbin Co., tex. machy., 670 Eddy, Providence, R. I.
- Am. Paper Goods Co., Kensington, Conn.
- Am. Paper Products Co., East Liverpool, Ohio.
- Am. Paper Products Co., 2d & Bremen av, St. Louis, Mo.
- Am. Paper Stock Co., scrap rubber, 297 Orleans, Detroit, Mich.
- Am. Paper Tube Co., Woonsocket, R. I.
- Am. Papeterie & Envelope Co., Quincy, Ill.
- Am. Parlograph Corp., 123 Liberty, New York.
- Am. Parquetry Floor Co., 1124 Walnut, Philadelphia, Pa.
- Am. Passementry Factory, silk tassels, etc., 528 B'way, New York.
- Am. Pattern Co., 3336 Market, Philadelphia, Pa.
- Am. Pattern Mfg. Co., Keystone, Youngstown, Ohio.
- Am. Pattern Wks., Dubois & Clay, Detroit, Mich.
- Am. Paving & Constr. Co., 213 S. 9th, Philadelphia, Pa.
- Am. Paving & Contracting Co., Montebello av & Jenkins la, Baltimore, Md.
- Am. Pearl Button Co., Washington, Ia.
- Am. Pearl Button Wks., 143 W. 19th, New York.
- Am. Pedometer Co., New Haven, Conn.
- Am. Perforated Metal Co., Belleville, N. J.
- Am. Perforator Co., 617 W. Jackson blvd, Chicago, Ill.
- Am. Petroleum Products Co., 196 Water, New York.
- Am. Phonograph Co., talking machs., Columbus av & 101st, New York.
- Am. Phosphorus Co., 3d & Dauphin, Philadelphia, Pa.
- Am. Photographic Paper Co., 2304 Washington, Boston, Mass.
- Am. Piano Co., 439 5th av, New York.
- Am. Pickle & Canning Co., Wiggins, Miss.
- Am. Pig Tail Co., St. Marys, Pa.
- Am. Pile Driving Co., Everett, Wash.
- Am. Pin Co., gas attachments, shade holders, upholstery hdwe., etc., Waterbury, Conn.
- Am. Pipe Bending Mach. Co., 39 Pearl, Boston, Mass.
- Am. Pipe & Constr. Co., 112 N. Broad, Philadelphia, Pa.
- Am. Piston Ring Co., 704 S. 11th, Newark, N. J.
- Am. Plaster Drill, 688 Broadway, Brooklyn, N. Y.
- Am. Plate Glass Co., Kane, Pa.
- Am. Platinum Works, Oliver & N. J. R. R. av, Newark, N. J.
- Am. Player Action Co., 2595 3d av, New York.
- Am. Playground Device & Swing Co., Terre Haute, Ind.
- Am. Plumbers' Supply Co., Toledo, Ohio.
- Am. Plumbing Mfg. Co., 164 Atlantic av, Brooklyn, N. Y.
- Am. Pneumatic Service Co., 100 Boylston, Boston, Mass.
- Am. Portable House Co., Seattle, Wash.
- Am. Post Office Equipment Co., 343 S. Dearborn, Chicago, Ill.
- Am. Postal Machines Co., 295 Congress, Boston, Mass.
- Am. Powder Mills, Board of Trade Bldg., Boston, Mass.
- Am. Press Brick Co., 6500 Easton av, St. Louis, Mo.
- Am. Press Cloth Co., Columbia, S. C.
- Am. Pressed Steel Co., floor plates, Commercial Trust Bldg., Philadelphia, Pa.
- Am. Pressing Iron Co., 48 E. 8th, New York.
- Am. Pressweld Radiator Corp., auto radiators, Euclid, Detroit, Mich.
- Am. Printer, trade publication, 344 W. 38th, New York.
- Am. Printing Ink Co., 2314 W. Kinzie, Chicago, Ill.
- Am. Printing Ink Co., 1127 W. 6th, Cincinnati, Ohio.
- Am. Process Co., drying apparatus mfrs., 68 William, New York.
- Am. Pulley Co., 4200 Wissahickon av, Philadelphia, Pa.
- Am. Pulverizer Co., 32d & Ridge, E. St. Louis, Ill.
- Am. Pure Water Supply Co., Ashtabula, Ohio.
- Am. Pumice Co., 111 W. Monroe, Chicago, Ill.
- Am. Radiator Co., boilers & radiators, vacuum cleaners, etc., 816 Michigan av, Chicago, Ill.
- Am. Radiator Co., 124 Jefferson, Detroit, Mich.
- Am. Radiator Co., mchsts. & fndrs., Kansas City, Mo.
- Am. Ry. Appliance Co., gas engines, Oil City, Pa.
- Am. Railway Supply Co., 134 Charles, New York.
- Am. Range & Foundry Co., 7000 Union av, Cleveland, Ohio.
- Am. Rattan & Reed Mfg. Co., 268 Norman av, Brooklyn, N. Y.
- Am. Raveller Co., textile machy., Philmont, N. Y.
- Am. Reduction Co., fertilizer mfrs., 1942 Forbes, Pittsburgh, Pa.
- Am. Refining Co., petroleum, Tulsa, Okla.
- Am. Reflector & Lighting Co., 517 W. Jackson blvd, Chicago, Ill.
- Am. Refractories Co., silica magnesite & chrome brick, ores, etc., 208 S. La Salle, Chicago, Ill.
- Am. Ribbon & Carbon Co., Rochester, N. Y.
- Am. Rice Milling Co., Crowley, La.
- Am. Ring Co., shade holders, 531 Bank, Waterbury, Conn.
- Am. Rivet Co., New Haven, Conn.
- Am. Road Mach. Co., stone bins, Commercial Trust pl, Phila., Pa.
- Am. Road Machinery Co., Kennett Square, Pa.
- Am. Roll & Fndry Co., Canton, Ohio.
- Am. Roll Gold Leaf Co., 56 Pine, Providence, R. I.
- Am. Roller Bearing Co., Baum & Melwood, Pittsburgh, Pa.
- Am. Rolling Mill Co., Middletown, Ohio.
- Am. Roofing Co., cornices, 634 Gratiot av, Detroit, Mich.
- Am. Rotary Pump Co., mchy., 67 Hampden, Boston, Mass.
- Am. Rubber Co., 130 Essex, Boston, Mass.
- Am. Rubber Mfg. Co., 408 Mission, San Francisco, Cal.
- Am. Rubber Reclaiming Co., 406 E. Rittenhouse, Phila., Pa.
- Am. Rubber & Tire Co., Akron, Ohio.
- Am. Rule Mfg. Co., Nashville, Tenn.
- Am. Rust Proof Co., paint mfrs., 220 5th av, New York.
- Am. Safe & Lock Co., Anderson, Ind.
- AMERICAN SAFETY LAMP & MINE SUPPLY CO.,** machinists & founders, Scranton, Pa.
- Am. Safety Razor Co., Johnson & Jay, Brooklyn, N. Y.
- Am. Sales Book Co. (Ltd.), adding mach. rolls, Elmira, N. Y.
- Am. Sales Co., explosives, Godchaux Bldg., New Orleans, La.
- Am. Sand & Gravel Co., Chamber of Com. Bldg., Chicago, Ill.
- Am. Sand & Gravel Co., Erie, Pa.
- Am. Sandstone Brick Machy. Co., Saginaw, Mich.
- Am. Sanitary Mfg. Co., mchsts. & fndrs., Abington, Ill.
- Am. Sanitary Wks., potteries, Washington, N. J.
- Am. Sash & Door Co., Kansas City, Mo.
- Am. Saw & Mfg. Co., Springfield, Mass.
- Am. Saw Mill Machy. Co., Hackettstown, N. J.
- Am. Scale Co., Kansas City, Mo.
- Am. Scientific Instrument Co., 50 John, New York.
- Am. Scrap Iron Co., Akron, Ohio.
- Am. Screen Co., Brookline, Mass.
- Am. Screen Mfg. Co., Kansas City, Mo.
- Am. Screw Co., wood & machine screws, stove & tire bolt mfrs., etc., 21 Stevens, Providence, R. I.
- Am. Sea Green Slate Co., roofing slate mfrs., Granville, N. Y.
- Am. Seal Co., Bridgeport, Conn.
- Am. Seating Co., fndrs., furniture, etc., 14 E. Jackson, Chicago, Ill.
- Am. Seeding Machine Co., Springfield, Ohio.
- Am. Self Winding Clock Co., 136 W. Lake, Chicago, Ill.
- Am. Separator Co., Bainbridge, N. Y.



- Am. Sewer Pipe Co., Akron, Ohio.  
 Am. Shade Mach. Co., 19 Elk, Boston, Mass.  
 Am. Shade Roller Co., 151 33d, Brooklyn, N. Y.  
 Am. Shading Mach. Co., 164 Rano, Buffalo, N. Y.  
 Am. Shearer Mfg. Co., machst., Nashua, N. H.  
 Am. Sheet Metal Lath Co., 426 3d av, Brooklyn, N. Y.  
 Am. Sheet Metal Stamping Co., Lehigh av & Mutter, Phila., Pa.  
 Am. Sheet Metal Works, 3500 S. Carrollton, New Orleans, La.  
 Am. Sheet & Tin Plate Co., iron rolling mills, Frick Bldg., Pittsburgh, Pa.  
 Am. Ship Building Co., ft. of W. 54th, Cleveland, Ohio.  
 Am. Ship Building Co., Lorain, Ohio.  
 Am. Shoe Polish Co., 810 N. Franklin, Chicago, Ill.  
 Am. Shop Equipm't Co., furnaces, McCormick Bldg., Chicago, Ill.  
 Am. Shovel & Stamping Co., Lorain, Ohio.  
 Am. Show Case Co., 289 Greenpoint av, Brooklyn, N. Y.  
 Am. Shuttle Co., Exchange Bldg., Boston, Mass.  
 Am. Sign Co., electric illuminated, Kalamazoo, Mich.  
 Am. Sign Wks., 109 N. Dearborn, Chicago, Ill.  
 Am. Silk Journal, 373 4th av, New York.  
 Am. Silk Label Mfr. Co., 22 E. 17th, New York.  
 Am. Silk Mfg. Co., chamois importers, mach. wipers, 4341 Orchard, Philadelphia, Pa.  
 Am. Silver Co., Bristol, Conn.  
 Am. Skate & Mgr. Co., Reading, Pa.  
 Am. Skein & Fdry. Co., Racine, Wis.  
 Am. Slag Co., Land Title Bldg., Philadelphia, Pa.  
 Am. Slate Co., Easton, Pa.  
 Am. Slate Wks., Slatington, Pa.  
 Am. Slicing Machine Co., meat, 209 S. State, Chicago, Ill.  
 Am. Slide Co., Columbus, Ohio.  
 Am. Smelting & Refining Co., lead seals, metals, etc., Cincinnati, Ohio.  
 Am. Smelting & Refining Co., 120 B'way, New York.  
 Am. Smokeless Powder Co., 131 State, Boston, Mass.  
 Am. Soap Co., 1986 Plum, Cincinnati, Ohio.  
 Am. Soap & Washoline Co., Cohoes, N. Y.  
 Am. Soapstone Finish Co., Chester Depot, Vt.  
 Am. Soda Fountain Co., 282 Congress, Boston, Mass.  
 Am. Soldier Co., toys, games & nov., Myrtle av & De Boo pl, Glendale, N. Y.  
 Am. Specialty Co., hwde. mfrs. & card cutting machs., Bridgeport, Conn.  
 Am. Specialty Mfg. Co., dressing rope, Iron & Erie Ry., Cleveland, Ohio.  
 Am. Specialty Stamping Co., kitchen enam. ware mfrs., Johnstown, Pa.  
 Am. Spectacle Co., 1328 B'way, New York.  
 Am. Speed Indicator Co., New London, Conn.  
 Am. Spinning Co., cotton sheetings, Greenville, S. C.  
 Am. Spiral Pipe Works, lap welded pipe, forged steel pipe flanges, corrugated furnaces, 14th & S. Cicero av, Chicago, Ill.  
*See adv index at end of book.*  
 Am. Spiral Spring & Mfg. Co., 56th & Butler, Pittsburgh, Pa.  
 Am. Spirits Mfg. Co., distrs., 27 William, New York.  
 Am. Sports Publishing Co., 21 Warren, New York.  
 Am. Spring Needle Wks., New Britain, Conn.  
 Am. Stamping & Enamelling Co., Bellaire, O.  
 Am. Stamp Mfg. Co., stencils, presses, etc., 85 John, New York.  
 Am. Stamping & Manufacturing Co., metal stampings, 421 Park Bldg., Pittsburgh, Pa.  
 Am. Standard Asphalt Co., contrs., Lee & Floyd, Louisville, Ky.  
 Am. Standard Motion Picture Mach Co., 110 W. 40th, New York.  
 Am. Stationer, trade publications, 125 N. Green, Chicago, Ill.  
 Am. Stave & Cooperage Co., Chelsea, Mass.  
 Am. Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.  
 Am. Steam Packing Co., 191 High, Boston, Mass.  
 Am. Steam Pump Co., Battle Creek, Mich.  
 Am. Steel Chase Co., 38 Park Row, New York.  
 Am. Steel Co., iron & steel, Park Bldg., Pittsburgh, Pa.  
 Am. Steel & Copper Plate Co., 101 Fairmont av, Jersey City, N. J.  
 Am. Steel Dredge Co., Fort Wayne, Ind.  
 Am. Steel Foundries, 332 S. Michigan av, Chicago, Ill.  
 Am. Steel Frame & Band Iron Co., 300 Water, New York.  
 Am. Steel Goods Co., 275 Water, New York.  
 Am. Steel Grave Vault Co., Galion, Ohio.  
 Am. Steel Package Co., machst., Defiance, Ohio.  
 Am. Steel Pipe & Tank Co., Los Angeles, Cal.  
 Am. Steel Scaffold Co., steel scaffold brackets, 250 Sheridan av, Detroit, Mich.  
 Am. Steel Scraper Co., road scrapers, Sidney, Ohio.  
 Am. Steel & Tin Plate Co., Pittsburgh, Pa.  
 Am. Steel Window Co., 334 S. Michigan av, Chicago, Ill.  
 Am. Steel & Wire Co., Cleveland, Ohio.  
 Am. Steel Wool Mfg. Co., 451 Greenwich, New York.  
 Am. Sterilizer Co., sterilizing & disinfecting apparatus, 12th & Plum, Erie, Pa.  
 Am. Stoker Co., 11 B'way, New York.  
 Am. Stone Ballast Co., Prov. Bank Bldg., Cincinnati, Ohio.  
 Am. Stone Co., Floyds Knobs, Ind.  
 Am. Stone Co., Richmond, Va.  
 Am. Stone Trade, trade publications, 537 S. Dearborn, Chicago, Ill.  
 Am. Stopper Co., machy., 19 Verona, Brooklyn, N. Y.  
 Am. Storage Battery Co., Albro, Boston, Mass.  
 Am. Stove Co., water heaters, etc., St. Louis, Mo.  
 Am. Stove & Range Co., Keokuk, Ia.  
 Am. Straw Board Co., Akron, Ohio.  
 Am. Sugar Refining Co., 117 Wall, New York.  
 Am. Suit Case Mfg. Co., 17 Walker, New York.  
 Am. Supply Co., machy. dtrs., 1102 Farnam, Omaha, Neb.  
 Am. Supply Co., mill & facty. supplies, 135 Washington, Providence, R. I.  
 Am. Surety Co., indemnity bond insurance, 100 B'way, New York.  
 Am. Swiss File & Tool Co., machs., Elizabeth, N. J.  
 Am. Synthetic Color Co., Stamford, Conn.  
 Am. Syrup & Preserving Co., canners, Terminal Trks. & E. Union, St. Louis, Mo.  
 Am. System of Reinforcing, concrete reinforcing matls., 10 S. La Salle, Chicago, Ill.  
 Am. Tag Co., 6133 State, Chicago, Ill.  
 Am. Tag Co. of N. J., 123 Sussex av, Newark, N. J.  
 Am. Tap Bush Co., Detroit, Mich.  
 Am. Tap & Die Co., taps, dies & screw plates, mfrs., Greenfield, Mass. *See adv index at end of book.*  
 Am. Tar Products Co., 208 S. La Salle, Chicago, Ill.  
 Am. Telegraph Typewriter Co., 81 Prospect, Brooklyn, N. Y.  
 Am. Tent & Awning Co., 307 Wash. av N, Minneapolis, Minn.  
 Am. Terra Cotta & Ceramic Co., Peoples Gas Bldg., Chicago, Ill.  
 Am. Terra Cotta Co., plaster statuary, 128 Pearl, New York.  
 Am. Textile Banding Co., Marshall & Hunting Pk, Phila., Pa.  
 Am. Thermo-Ware Co., 16 Warren, New York.  
 Am. Thermos Bottle Co., Norwich, Conn.  
 Am. Thermostat Co., heat regulators, 101 Mechanic, Newark, N. J.  
 Am. Thread Co., 260 W. B'way, New York.  
 Am. 3-Way Prism Co., sidewalk lights & ventilator mfrs., etc., La Porte, Ind.  
 Am. Thresherman, trade publication, Madison, Wis.  
 Am. Tie & Timber Co., 11 B'way, New York.  
 Am. Tire Fabric Co., Newburyport, Mass.  
 Am. Tool & Machine Co., engineers, founders & machinists, sugar centrifugals a specialty, 10 High, Boston, Mass.  
 Am. Tool Works Co., lathes, planers, etc., E. Pearl, Cincinnati, O.  
 Am. Top Co., Jackson, Mich.  
 Am. Torgoment Flooring Co., Hampden & Charles, Minneapolis, Minn.  
 Am. Tower & Tank Co., Elgin, Ill.  
 Am. Toy Wks., 7 Chatham sq, New York.  
 Am. Tractor Co., engines, Des Moines, Ia.  
 Am. Trading Co., importers, 25 Broad, New York.  
 Am. Transformer Co., 145 Miller, Newark, N. J.  
 Am. Tripoli Co., Seneca, Mo.  
 Am. Trunk & Bag Co., 109 Federal, Pittsburgh, Pa.  
 Am. Trunk & Case Co., 29 S. 5th av, Chicago, Ill.  
 Am. Trunk Co., 1039 Central av, Cincinnati, Ohio.  
 Am. Tube Bending Co., New Haven, Conn.  
 Am. Tube Co., 37th & Rockwell, Chicago, Ill.  
 Am. Tube & Stamping Co., Bridgeport, Conn.  
 Am. Tube Wks., 10 Oliver, Boston, Mass.  
 Am. Tubular Axle Co., Toledo, Ohio.  
 Am. Tug Boat Co., Everett, Wash.  
 Am. Type Fndrs. Co., Communipaw av, Jersey City, N. J.  
 Am. Typewriter Co., 265 B'way, New York.  
 Am. Vacuum Cleaning Co., 17 Wadsworth, Buffalo, N. Y.  
 Am. Valve Co., Coxsackie, N. Y.  
 Am. Valve & Meter Co., 2833 Spring Grove av, Cincinnati, Ohio.  
 Am. Valve & Tank Co., machsts., Indianapolis, Ind.  
 Am. Vanadium Co., vanadium alloys, Vanadium Bldg., Pittsburgh, Pa.  
 Am. Varnish Co., 1140 N. Branch, Chicago, Ill.  
 Am. Varnish Wks., 425 Greenpoint av, Brooklyn, N. Y.  
 Am. Velvet Co., Stonington, Conn.  
 Am. Veneer Column Co., 913 Grand, Brooklyn, N. Y.  
 Am. Veneer Co., Hoboken, N. J.  
 Am. Viscose Co., artificial silk, Marcus Hook, Pa.  
 Am. Vitified Conduit Co., B'way & 23d, New York.  
 Am. Vulcanized Fibre Co., 504 Equitable Bldg., Wilmington, Del.  
 Am. Wagon Co., 8th & Sycamore, Cincinnati, Ohio.  
 Am. Wall Bed Co., 1339 W. 21st, Chicago, Ill.  
 Am. Warehouse Co., Wichita, Kans.  
 Am. Warming & Ventg. Co., dry earth closets, Elmira, N. Y.  
 Am. Warp Drawing Machine Co., tex. machy. supplies, etc., 95 Milk, Boston, Mass.  
 Am. Watch Case Co., 15 Maiden la, New York.  
 Am. Watch Tool Co., Waltham, Mass.  
 Am. Watchman's Time Detector Co., 3403 Perkins av, Cleveland, Ohio.  
 Am. Water Motor Co., Columbus, Ohio.  
 Am. Water Softener Co., water filters, 1003 Chestnut, Phila., Pa.  
 Am. Water Supply Co., paper dishes, plates, spoons, 251 Causeway, Boston, Mass.  
 Am. Wax Co., 161 Summer, Boston, Mass.  
 Am. Welding Co., boilers, cylinders, kettles, tanks, etc., Carbon-dale, Pa.  
 Am. Well & Prospecting Co., machsts. & fndrs., Corsicana, Tex.  
 Am. Well Works, well drilling machy., pumps, oil & gas well supplies, etc., Aurora, Ill. *See adv index at end of book.*  
 Am. Whalebone Co., 454 Broome, New York.  
 Am. Whip Co., Westfield, Mass.  
 Am. Window Glass Co., Farmers' Bank Bldg., Pittsburgh, Pa.  
 Am. Fire Fabrics Co., 208 S. La Salle, Chicago, Ill.  
 Am. Wire Fence Co., 10 S. La Salle, Chicago, Ill.  
 Am. Wood Board Co., Schuylerville, N. Y.



- Am. Wood Decorating Mach. Co., 275 Water, New York.  
 Am. Wood Preserving Co., 1351 N. Branch, Chicago, Ill.  
 Am. Wood Rim Co., Onaway, Mich.  
 Am. Woodwork Mfg. Co., plumbers, Evansville, Ind.  
 Am. Woodworking Co., 19 Warren, New York.  
 Am. Wood Working Co., 4345 Wabansia av, Chicago, Ill.  
 Am. Woodworking Machy. Co., dado & panel raising machs., Rochester, N. Y.  
 Am. Wooden Ware Mfg. Co., Toledo, Ohio.  
 Am. Woolen Co., woolen blankets, 82 Devonshire, Boston, Mass.  
 Am. Wringer Co., 99 Chambers, New York.  
 Am. Writing Mach. Co., 343 B'way, New York.  
 Am. Writing Paper Co., specialties of all kinds, Holyoke, Mass.  
 Am. Wrought Anvil Co., 298 Union av, Brooklyn, N. Y.  
 Am. X-Ray Equipt. Co., 405 E. 31st, New York.  
 Am. Zinc & Chemical Co., 61 Broadway, New York.  
 Am. Zinc, Lead & Smelting Co., Caney, Kans.  
 Am. Zinc, Lead & Smelting Co., 120 B'way, New York.  
 Americus Construction Co., Americus, Ga.  
 Americus Home Mixture Guano Co., Americus, Ga.  
 Americus Machine Shops, Americus, Ga.  
 Americus Mfg. Co., lumber, Americus, Ga.  
 Americus Oil Co., Americus, Ga.  
 Amerman, M. T., cornices & skylights, Onarga, Ill.  
 Amerman & Patterson, carbolic acid, etc., 21 State, New York.  
 Ames, A. N., Knitting Mach. Co., Franklin, N. H.  
 Ames, A. T., Mfg. Co., machinists, Niles, Cal.  
 Ames, B. C., Co., clock makers' machy., Waltham, Mass.  
 Ames Bag Machine Co., mchsts. & fndrs., 5606 Euclid av, Cleveland, Ohio.  
 Ames Bending Co., Celina, Ohio.  
 Ames, Bonner Co., brushes, Toledo, Ohio.  
 Ames Bros., flour, Hutchinson, Minn.  
 Ames-Dean Carriage Co., wagons, Jackson, Mich.  
 Ames, F. A., Co., auto. wood bodies, Owensboro, Ky.  
 Ames & Filstead Co., typewriter parts, 508 S. Dearborn, Chicago, Ill.  
 Ames & Ginty, cornices & skylights, Hereford, Boston, Mass.  
 Ames-Harris-Neville Co., ore bags, bags & bagging, Potrero & Alameda, San Francisco, Cal., and Tents, Portland, Ore.  
 Ames Iron Works, engines & boilers, Oswego, N. Y.  
 Ames, J. C., Lbr. Co., masons' & bldrs.' matls., Streator, Ill.  
 Ames, J. K., lumber mfrs., Mexico, N. Y.  
 Ames, John W., architect, 15 Exchange, Boston, Mass.  
 Ames, Merritt, Chemical Wks., Glens Falls, N. Y.  
 Ames Mill, flour, Northfield, Minn.  
 Ames Motor Car Co., Owensboro, Ky.  
 Ames Plow Co., Quincy Hall, Boston, Mass.  
 Ames Shipbuilding & Dry Dock Co., Seattle, Wash.  
 Ames Shovel & Tool Co., Ames Bldg., Boston, Mass.  
 Ames Sword Co., polishing belts, key chains, rifles, swords, etc., Chicopee, Mass.  
 Ames, W., & Co., iron rolling mills, Jersey City, N. J.  
 Ames, Wm. O., contractor, Ellensburg, Wash.  
 Amesbury Brass & Foundry Co., Amesbury, Mass.  
 Amesbury Metal Body Co., Amesbury, Mass.  
 Amesbury Top Co., Amesbury, Mass.  
 Amesbury, Wm. H., contractor, Wilkes-Barre, Pa.  
 Amherst Cut Stone Co., Amherst, Ohio.  
 Amherst Mfg. Co., cotton thread, Amherst, Mass.  
 Amherst Stone Quarries Co., Cleveland, Ohio.  
 Amicalola Marble Co., Ball Ground, Ga.  
 Amidon, Frank, l'br., Richmond, N. H.  
 Amidon, G. F., l'br., West Chesterfield, N. H.  
 Amiesite and Stone Co., stone, Baltimore, Md.  
 Ammann Mfg. & Const. Co., 163 Av D, New York.  
 Ammann & Co., brick, Decatur, Ill.  
 Ammidon & Co., tin plate, metals, etc., 31 S. Frederick, Baltimore, Md.  
 Amole Products Co., soap, 407 Walnut, St. Louis, Mo.  
 Amory, F. D., Jr., architect, 812 Madison av, New York.  
 Amos, Chas., & Co., steel struct. wk., 640 Hart av, Detroit, Mich.  
 Amos, Geo. E., & Co., wholesale hdwe., Fairmont, W. Va.  
 Amoskeag Mfg. Co., tickings & denims, Manchester, N. H.  
 Amoskeag Paper Mill Co., Manchester, N. H.  
 Amphion Piano Player Co., Syracuse, N. Y.  
 Ampt, Chas. F., Co., shoe blacking, 112 E. Water, Cincinnati, O.  
 Amrein, Wm. P., contractor, 919 N. Moulton av, Baltimore, Md.  
 Ams, Max, Inc., meat packers, 372 Greenwich, New York.  
 Ams, Max, Machine Co., can making machinery & power presses, mfrs., Scofield av., Bridgeport, Conn.  
 Amsler Blue Print Co., architects' & engineers' supplies, 30 Church, New York.  
 Amsler, C. (Est. of), meal, Hempstead, Tex.  
 Amsler, Jacob H., architect, 1616 Crosby av, New York.  
 Amsler, W. H., contractor, Franklin, Pa.  
 Amsler, Walter O., combustion eng'n'g, Wabash Bldg., Pittsburgh, Pa.  
 Amsterdam Broom Co., Amsterdam, N. Y.  
 Amsterdam Bldg. Co., 140 W. 42d, New York.  
 Amsterdam Canning Co., Amsterdam, Mo.  
 Amundsen, A., & Co., machsts., 542 W. Jackson blvd, Chicago, Ill.  
 Amusement Supply Co., moving picture machs., 5 S. Wabash av, Chicago, Ill.  
 Amy, W. S., cornices & skylights, Council Bluffs, Ia.  
 Anaconda Copper Mining Co., Anaconda, Mont.  
 Anacortes Fisheries Co., canned goods, Seattle, Wash.  
 Anacortes Glass Co., fruit jars, Anacortes, Wash.  
 Anacortes Lumber & Box Co., Anacortes, Wash.  
 Anadarko Milling Co., flour, Anadarko, Okla.  
 Analomink Paper Co., North Water Gap, Pa.  
 Anatron Chemical Co., acids, B'way & 16th, New York.  
 Ancarrow, Newton, E., contractor, Richmond, Va.  
 Anchey's, A. G., & Sons, machsts. & fndrs., Codorus, Pa.  
 Anchor Art Glass Co., 421 Elm, Cincinnati, Ohio.  
 Anchor Blasting Mat & Rope Co., 245 E. 32d, New York.  
 Anchor Box Co., Western & Section Fairmt., Cincinnati, Ohio.  
 Anchor Brass Wks., mchsts. & fndrs., 141 W. Austin av, Chicago, Ill.  
 Anchor Buggy Co., carriages, C. H. & D. Ry., nr. Gest, Cincinnati, Ohio.  
 Anchor Cap & Closure Corp., 81 Prospect, Brooklyn, N. Y.  
 Anchor Concrete Const. Co., Evansville, Ind.  
 Anchor Concrete Stone Co., Rock Rapids, Ia.  
 Anchor Core Soap Co., 180 No. Dearborn, Chicago, Ill.  
 Anchor Corrugating Const. Co., port. fireproof garages, 140 Washington, New York.  
 Anchor Duck Mills, bags & bagging, Rome, Ga.  
 Anchor Electric Co., electrodes, 557 W. Jackson, Chicago, Ill.  
 Anchor Fence & Iron Co., Cleveland, Ohio.  
 Anchor Fish Co., canned, Anacortes, Wash.  
 Anchor Knitting Mills, bathing suit mfrs., Cohoes, N. Y.  
 Anchor Milling Co., flour, Galveston, Tex.  
 Anchor Oil & Chemical Co., Cleveland, Ohio.  
 Anchor Packing Co., Lafayette Bldg., Philadelphia, Pa.  
 Anchor Paper Co., Windsor Locks, Conn.  
 Anchor Plastic Stone Co., Los Angeles, Cal.  
 Anchor Post Iron Wks., 165 B'way, New York.  
 Anchor Pottery, Trenton, N. J.  
 Anchor Refining Co., lubricating oils & greases, 82 Woodroad, Jersey City, N. J.  
 Anchor Sanitary Co., plumbers' supplies, jobbers, 123 3rd av, Pittsburgh, Pa.  
 Anchor Spring & Bedding Co., Nashville, Tenn.  
 Anchor Stone Co., 2937 Lyndale S., Minneapolis, Minn.  
 Anchor Stove & Range Co., New Albany, Ind.  
 Anchor Supply Co., machsts, contrs., tents, etc., Evansville, Ind.  
 Anchor Webbing Co., cotton sleeving & webbing, Woonsocket, R. I.  
 Anchor Woolen Mills, blankets, flannels, Maryville, Tenn.  
 Ancram Paper Mills, 150 W. 22nd, New York.  
 Andalusia Fertilizer Co., Andalusia, Ala.  
 Anders, John, & Son, contractors, Wausau, Wis.  
 Anders Constr. Co., Rockefeller Bldg., Cleveland, Ohio.  
 Anders, Geo. E., brick, 1886 Fairmount av, Fairmt., Cincinnati, Ohio.  
 Anders & Snyder, contractors, Heed Bldg., Philadelphia, Pa.  
 Andersen, John, contractor, Kewanee, Ill.  
 Andersen Spec. Co., wood fillers, extension planks, 6 E. Lake, Chicago, Ill.  
 Anderson, A., granite producer, South Ryegate, Vt.  
 Anderson, A. B., architect, N. Y. Life Bldg., Kansas City, Mo.  
 Anderson, A. & E., Co., contractors, 19 La Salle, Chicago, Ill.  
 Anderson, A. F., archl. iron, 5844 Loomis, Chicago, Ill.  
 Anderson, A. H., brass castings, etc., 1213 Fulton, Chicago, Ill.  
 Anderson, A. M., Co., 67 Algonquin, Providence, R. I.  
 Anderson, Aaron, contractor, Rock Island, Ill.  
 Anderson, Albert, contractor, Plymouth Bldg., Minneap., Minn.  
 Anderson, Albert & J. M., Mfg. Co., mfrs. time switches, plugs & receptacles, trolley line material, electric switches & breakers, 289 A, Boston, Mass.  
 Anderson, Albin, Co., cornices, 291 E. 137th, New York.  
 Anderson, Andrew G., stone, 5838 Justine, Chicago, Ill.  
 Anderson, Aug. B., architect, 47 W. 34th, New York.  
 Anderson, Aug. E., contractor, Prudential Bldg., Buffalo, N. Y.  
 Anderson, Axel, stone producer, Memphis, Tenn.  
 Anderson-Barngrover Mfg. Co., machinery, San Jose, Cal.  
 Anderson & Belcher, fertilizer, Starrsville, Ga.  
 Anderson Box & Basket Co., Henderson, Ky.  
 Anderson Bros., contractors, Albert Lea, Minn.  
 Anderson Bros., fndrs, 1388 Fulton, Chicago, Ill.  
 Anderson Bros., carriages, Colon, Mich.  
 Anderson Bros., machsts., Jamestown, N. Y.  
 Anderson Bros. Canning Co., Oskaloosa, Ia.  
 Anderson Bros. Co., contractors, Council Bluffs, Ia.  
 Anderson Bros. Co., cornices & skylights, 394 Grove, Jersey City, N. J.  
 Anderson Bros. & Johnson Co., granite, Granite Heights, Wis.  
 Anderson Bros. Roller Mills Co., flour, Cleburne, Tex.  
 Anderson, C. F., & Co., machsts., 710 S. Clark, Chicago, Ill.  
 Anderson, C. J., & Co., architects, Green Bay, Wis.  
 Anderson, Carl, Co., machsts., 867 Larrabee, Chicago, Ill.  
 Anderson Carriage Co., Columbus, Ohio.  
 Anderson Carriage Mfg. Co., Anderson, Ind.  
 Anderson, Chas. L., machst., 569 W. Van Buren, Chicago, Ill.  
 Anderson, Chas. M., architect, 324 N. Charles, Baltimore, Md.  
 Anderson, Chas. M., machst., 1831 Blake, Denver, Colo.  
 Anderson Chemical Co., Wallington, N. J.  
 Anderson & Christiansen, carriages, Lincoln, Neb.  
 Anderson, Clais, architect, Stamford, Conn.  
 Anderson Co., agricultural implements, 2324 University av, St. Paul, Minn.  
 Anderson Computing Scale Co., Anderson, Ind.



- Anderson Cotton Mills, sheetings, Anderson, S. C.  
 Anderson County Cotton Oil Co., fertilizer mfrs., Palestine, Tex.  
 Anderson Coupling & Fire Supply Co., fire alarms, hose carriages & carts, Kansas City, Mo.  
 Anderson, Cyrus I., contractor, 1077 4th, E., Salt Lake City, Utah.  
 Anderson, D. Wiley, architect, 922 E. Main, Richmond, Va.  
 Anderson-Barngrover Mfg. Co., canning machy., San Jose, Cal.  
 Anderson, Chas., hod elev., 983 Pacific, Brooklyn, N. Y.  
 Anderson, Chas., fndr., 109 S. Clinton, Chicago, Ill.  
 Anderson-Darragh Co. (Ltd.), mchsts. & fndrs., 3206 Penn av, Pittsburgh, Pa.  
 Anderson Die Machine Co., die forming machines, tapping machines, etc., Bridgeport, Conn.  
 Anderson, Donald G., architect, 28 E. 49th, New York.  
 Anderson & Dougherty, cornices & skylights, Salinas, Cal.  
 Anderson, E. L., Distillery Co., 6th & Overton, Cincinnati, Ohio.  
 Anderson, E. D., labeling machs., etc., 101 Park av, New York.  
 Anderson Elec. Car Co., stor. battery trucks, Milwaukee Junction, Detroit, Mich.  
 Anderson Elec. Mach. Tool Co., 1320 Cass av, St. Louis, Mo.  
 Anderson Elec. Spec. Co., lamp cord adjusters, 562 W. Vanburen, Chicago, Ill.  
 Anderson Engine Co., 4036 N. Rockwell, Chicago, Ill.  
 Anderson, E. P., & Co., gum arabic imprs., etc., 99 John, New York.  
 Anderson Electric Specialty Co., 562 W. Vanburen, Chicago, Ill.  
 Anderson, Eric J., patterns & models, Hartford, Conn.  
 Anderson, F. W., & Co., auto. tops & windshields, Phila., Pa.  
 Anderson Fertilizer Co., Anderson, Ind.  
 Anderson Foundry & Machine Works, Anderson, Ind.  
 Anderson, Frank W., agricultural implements, Portland, N. Y.  
 Anderson & Frankel, architects, Lexington, Ky.  
 Anderson, Fred, Co., contractors, 2810 Bryant av, S., Minneapolis, Minn.  
 Anderson, G., contractor, Oconomowoc, Wis.  
 Anderson, G. A., & Co., stone producers, 16th av, S. E. Elm, Minneapolis, Minn.  
 Anderson, G. A., Manfg. Co., fire dept. supplies mfrs., Baltimore, Md.  
 Anderson, G. A., Piano Co., Rockford, Ill.  
 Anderson, G. L., brass works, Birmingham, Ala.  
 Anderson, G. P., & Co., steam fitters' supplies, 65 Oliver, Boston, Mass.  
 Anderson Gas Appliance Co., stoves, Anderson, Ind.  
 Anderson, Geo., architect, 6046 Lawton av, Berkeley, Cal.  
 Anderson, Geo., & Co., machsts., Newark, N. J.  
 Anderson, Geo. H., & Co., bath room fixtures, 1467 W. Austin av, Chicago, Ill.  
 Anderson, Geo. P., & Co., mill & facty. supplies, 65 Oliver, Boston, Mass.  
 Anderson, Geo. S., Co., machsts. & fndrs., Jeffersonville, Ind.  
 Anderson & Gow., bldg. contrs., Duluth, Minn.  
 Anderson, Gus, brooms, Salina, Kans.  
 Anderson, Gustavus, contractor, Camden, N. J.  
 Anderson, H. A., architect, Long Beach, Cal.  
 Anderson, H. J., Co., lbr., Portland, Ore.  
 Anderson, H. O., & Son., sashes, doors & blinds, Sturgis, S. D.  
 Anderson, Hans, contractor, Racine, Wis.  
 Anderson Hardware Co., Anderson, S. C.  
 Anderson Hardware Co., New Bethlehem, Pa.  
 Anderson, Helga A., architect, 5 N. La Salle, Chicago, Ill.  
 Anderson, Hy. C., bank railings, etc., 145 W. 18th, New York.  
 Anderson, Homer, wire measuring machs., Peekskill, N. Y.  
 Anderson & Ireland Co., whol. hdwe., 111 Light, Baltimore, Md.  
 Anderson, J. B., & Co., contractors, Richard av, Birmingham, Ala.  
 Anderson, J. F., Lumber Co., Chamberlain, S. D.  
 Anderson, J. P., & Co., confectioners' mchy., 422 N. 6th, Philadelphia, Pa.  
 Anderson, Jas. E., masons' & bldrs.' matls., Woodland, Ill.  
 Anderson, Jas., & Sons, lubrg. oils, Sidney, Ohio.  
 Anderson & Jensen, common brick, Roberts, Ill.  
 Anderson, John J., machinist, Cannon Falls, Minn.  
 Anderson & Johnson, contractors, 75 Roosevelt av., Jersey City, N. J.  
 Anderson & Jones, paper & pulp mill architects, Carthage, N. Y.  
 Anderson, Julius J., architect, Drexel Bldg., Philadelphia, Pa.  
 Anderson, K. A., cornices & skylights, Tacoma, Wash.  
 Anderson-Kenneth Co., mill & facty. supplies, 33 Atwater, Detroit, Mich.  
 Anderson Knife & Bar Co., Anderson, Ind.  
 Anderson, L. M., Co., mackintoshes, Trenton, N. J.  
 Anderson & Lind Mfg. Co., sash, door & blind mfrs., 2127 Iowa, Chicago, Ill.  
 Anderson Lumber Co., Charleston, S. C.  
 Anderson Lumber Co., Passaic, N. J.  
 Anderson Lumber Co., South Stillwater, Minn.  
 Anderson-McCutchon Co., water heaters, Peekskill, N. Y.  
 Anderson & McGregor Co., masons' & bldrs.' matls., Bellaire, O.  
 Anderson, M., Brick Co., Minneapolis, Minn.  
 Anderson Mach. & Fdry. Co., Anderson, S. C.  
 Anderson Mach. Wks., drilling & tapping machs., Peekskill, N. Y.  
 Anderson Mfg. Co., lbr. mfrs., Tampa, Fla.  
 Anderson Mattress Co., Anderson, Ind.  
 Anderson Mattress & Spring Bed Co., Anderson, S. C.  
 Anderson & Middleton Lumber Co., Aberdeen, Wash.  
 Anderson Motor Co., Rock Hill, S. C.  
 Anderson, O. B., mattresses, Council Bluffs, Ia.  
 Anderson, O. D., masons' & bldrs.' matls., Anderson, S. C.  
 Anderson & Osterman, elevators, 131 Washington, Providence, R. I.  
 Anderson, P. J., lumber, Hardwood, Mich.  
 Anderson, Peter, Co., carriages, Lafayette, Ind.  
 Anderson Phosphate & Oil Co., Anderson, S. C.  
 Anderson, Pierce, architect, Railway Exchange, Chicago, Ill.  
 Anderson, R. A., Constr. Co., Mercantile Bldg., St. Louis, Mo.  
 Anderson, R. C., contractor, Mount Vernon, Ohio.  
 Anderson, R. K., machinist, Fort Scott, Kans.  
 Anderson, R. N., & Co., building contr., Lyric Bldg., Richmond, Va.  
 Anderson, Richard, heating contractor, 277 W. 117th, New York.  
 Anderson, Richard, stone producer, 3112 Osgood, Chicago, Ill.  
 Anderson & Ringrose, contractors, 320 Market, San Francisco, Cal.  
 Anderson Rolled Gear Co., worm gear rings, Cleveland, Ohio.  
 Anderson, S. J., flour mills, Burns, Tenn.  
 Anderson, Samuel, common brick, Taylorville, Ill.  
 Anderson Sheet Metal Works, cornices & skylights, Jackson, Tenn.  
 Anderson & Slonaker, lbr. mfrs., Del. av & Poplar, Phila., Pa.  
 Anderson & Spilman, flour mills, Danville, Ky.  
 Anderson-Stevens Co., contractors, 30 N. La Salle, Chicago, Ill.  
 Anderson, Strandberg Co., contractors., 19 La Salle, Chicago, Ill.  
 Anderson Supply Co., eng'g. & surveying instrs., Seattle, Wash.  
 Anderson, T., masons' & bldrs.' matls., Milan, Minn.  
 Anderson, T. P., varnish, 304 Madison av, New York.  
 Anderson T. R., contractor, Oklahoma, Okla.  
 Anderson Tack Co., Rockland, Mass.  
 Anderson-Tully Co., lumber, Memphis, Tenn.  
 Anderson, V. D., Co., air & steam traps, steam and oil separators, etc., 1935 W. 96th, Cleveland, Ohio.  
*See adv index at end of book.*  
 Anderson Vehicle Co., carriages, Fond du Lac, Wis.  
 Anderson, W. A., & Co., advtg. nov., 83 Fulton, New York.  
 Anderson, W. J., & Co., sealing machy., tags, tapes, etc., 341 B'way, New York.  
 Anderson-Whitson Co., contractors, Lumber Exchange, Minneapolis, Minn.  
 Anderson, W. H., Tool & Supply Co., Brush & Macomb, Detroit, Mich.  
 Anderson, W. L., architect, Lakeville, Mass.  
 Anderson, W. M., hgt. contractors, 2017 Sansom, Phila., Pa.  
 Anderson, Wm. B., Foundry Co., brass castings, 28 S. Clinton, Chicago, Ill.  
 Anderson, Wm. C., architect, Brunswick, Ga.  
 Anderson & Wimblad, contractors, 6235 So. Michigan av, Chicago, Ill.  
 Anderson Wrench Co., Portland, Conn.  
 Anderson & Veatch, architects, Evansville, Ind.  
 Anderson's, John D., Sons, 952 Green av, Brooklyn, N. Y.  
 Anderson's, L. G., Sons, masons' & bldrs.' matls., Franklin, Ohio.  
 Anderton, E. K., metallic sash bars, 210 Grand, New York.  
 Andes, E. B., & Co., match plates, Lancaster, Pa.  
 Andler, Adam, cornices, 3028 Highland av, Mt. A., Cincinnati, Ohio.  
 Andover Motor Vehicle Co., Andover, Mass.  
 Andrae & Co., heating contractors, 30 Light, Baltimore, Md.  
 Andrae, Julius, & Sons Co., telephones & apparatus, etc., 362 B'way, Milwaukee, Wis.  
 Andre, B., contractor, New London, Conn.  
 Andree, Frank W., & Co., architects, Cawker Bldg., Milwaukee, Wis.  
 Andres, Eugene C., Co., cotton waste, 141 Milk, Boston, Mass.  
 Andres, Jos., grain cradles, Kelso, Ind.  
 Andres Stone & Marble Co., Keefe av & Richards, Milwaukee, Wis.  
 Andresen Hardware Co., 724 S. 6th, Minneapolis, Minn.  
 Andresen-Ivans Co., grab buckets, 80 E. Jackson blvd., Chicago, Ill.  
 Andresen, Jacob, Co., elec. & gas light fix., 314 S. 4th, Minneapolis, Minn.  
 Andresen, Theodore, architect, 643 Barry av, Chicago, Ill.  
 Andrew, C. A., canned goods, Conowingo, Md.  
 Andrew, David M., Co., contractors, Mt. Vernon & 26th, Baltimore, Md.  
 Andrew & Harrer, contractors, 1002 Fessenden, Portland, Ore.  
 Andrew, Jno. Hy., & Co. (Ltd.), steel, 26 Cortlandt, New York.  
 Andrew, L. J., & Co., canned goods, Bethlehem, Md.  
 Andrew, M. L., & Co., machsts., Cincinnati, Ohio.  
 Andrewartha, John, architect, 921½ Congress av, Austin, Tex.  
 Andrews, A. H., Co., bank, office, store & school fixtures, etc., 115 So. Wabash av, Chicago, Ill.  
 Andrews Asphalt Paving Co., Hamilton, Ohio.  
 Andrews, B. B., lbr., Birnamwood, Wis.  
 Andrews Bros., contractors, B. of L. E. Bldg., Cleveland, Ohio.  
 Andrews Bros., masons' & bldrs.' matls., Jacksonville, Ill.  
 Andrews Bldg. Co., 1475 B'way, New York.  
 Andrews, Chas. M., architect, 69 W. 36th, New York.  
 Andrews Engineering Co., 120 Liberty, New York.  
 Andrews Heating Co., heating contrs., Minneapolis, Minn.  
 Andrews, Isaac W., & Sons, coffins, etc., So. Woodstock, Me.  
 Andrews, J. B., & Co., canned goods, Hurlock, Md.



- Andrews, J. M., & Sons Co., bldg. contrs., Somerville, Mass.  
 Andrews, Jacques, & Rantoul, architects, 50 Congress, Boston, Mass.  
 Andrews, John T., & Co., paper & pulp mills, Penn Yan, N. Y.  
 Andrews, L. E., & Co., mill & facty. supplies, Gloucester, Mass.  
 Andrews' Loom Reed Harness Wks., tex. machy., Spartanburg, S. C.  
 Andrews Lumber Co., New Bethlehem, Pa.  
 Andrews, M. P., & Co., architects, Petersburg, Va.  
 Andrews Mfg. Co., hdwe. mfrs., 388 Harmony, Philadelphia, Pa.  
 Andrews, O. B., Co., corrugated paper boxes, cartons, etc., Chattanooga, Tenn.  
 Andrews Packing Co., Crapo, Md.  
 Andrews, Paul A., architect, 40 W. 38th, New York.  
 Andrews & Peck Co., sash, door & blind mfrs., Hartford, Conn.  
 Andrews, S. P., contractor, Chicago Junction, Ohio.  
 Andrews Steel Co., Newport, Ky.  
 Andrews, W. A., & Son, flour, Necessity, Tex.  
 Andrews, W. H., architect, 101 Tremont, Boston, Mass..  
 Andrews, Wm. R., contractor, 3839 Ellis, Chicago, Ill.  
 Andrews Wire & Iron Works, Rockford, Ill.  
 Andreykovicz & Dunk, aniline colors, 58 N. Front, Phila., Pa.  
 Andro Co., metal polish, 247 Pearl, New York.  
 Androscoggin Fdry. Co., Auburn, Me.  
 Androscoggin Mills, cotton sheetings, bags, etc., Lewiston, Me.  
 Androscoggin Pulp Co., 50 State, Boston, Mass.  
 Androvette & Townsend, varnish, shellac, etc., 235 Water, New York.  
 Andrus & Bode, contractors, Lewis Bldg., Portland, Ore.  
 Andrus, Chas. B., & Son, contractors, Hartford, Conn.  
 Andrus, David, lumber mfrs., Perry, N. Y.  
 Andry, Paul, architect, 510 Tulane Newcomb, New Orleans, La.  
 Angel, A. W., architect, 3739 Princeton av, Los Angeles, Cal.  
 Angel, H. Reeve, & Co., filter paper, 120 Liberty, New York.  
 Angeles Mattress & Feather Wks., 3917 S. Main, Los Angeles, Cal.  
 Angelina County L'br. Co., Keltys, Tex.  
 Angell, Arnold A., architect, 302 S. Kildare av, Chicago, Ill.  
 Angell Belt Hook Co., 16 Warren av, Providence, R. I.  
 Angell, Chas. E., machst., 223 Aborn, Providence, R. I.  
 Angell Elevator Lock Co., 370 Atlantic av, Boston, Mass.  
 Angell, H. C., & Co., lbr. mfrs., Grand Rapids, Mich.  
 Angell, H. M., lumber, 49 Westminster, Providence, R. I.  
 Angell, Harry S., architect, Free Press Bldg., Detroit, Mich.  
 Angell Nail & Chaplet Co., Cleveland, Ohio.  
 Angell & Swift, architects, 87 Weybosset, Providence, R. I.  
 Angelus Couch & Furniture Mfg. Co., mattresses, Los Angeles, Cal.  
 Angelus Sanitary Can Mach. Co., Los Angeles, Cal.  
 Anger Engng. Co., 303 16th, Milwaukee, Wis.  
 Angers, J. A., & Bro., contractors, lbr., Springfield, Mass.  
 Angert Iron & Wire Wks., 6028 Grove av, Chicago, Ill.  
 Angier Mills, wrapping paper, Ashland, Mass.  
 Angier Mills, cloth lined waterproof wrapping, Ashland, Mass.  
 Angle Hardware Co., Piqua, Ohio.  
 Angle Mfg. Co., ice cream freezers, 244 W. 23d, New York.  
 Angle Steel Sled Co., Otsego, Mich.  
 Angle Steel Stool Co., Otsego, Mich.  
 Angler's Bait & Mfg. Co., 913 W. Randolph, Chicago, Ill.  
 Anglev & Cole, boat oars, Brewer, Me.  
 Angldile Computing Scale Co., Elkhart, Ind.  
 Anglo-American Co., elec. lamp flashlights, 634 Smithfield, Pittsburgh, Pa.  
 Anglo-Am. Mill Co., Owensboro, Ky.  
 Anglo-American Provision Co., meat packers, U. S. Yards, Chicago, Ill.  
 Anglo-American Varnish Co., 53 Johnston, Newark, N. J.  
 Angmore Mfg. Co., water heaters, Sweeney av, Cleveland, Ohio.  
 Angne Co., archl. wood turning, Cincinnati, Ohio.  
 Angola Brick & Tile Co., Angola, Ind.  
 Angola Engine & Fdry. Co., Angola, Ind.  
 Angora Knitting Mill, sweaters, Detroit, Mich.  
 Angora Spec. Co., sweaters, cardigans, etc., 87 34th, Bklyn, N. Y.  
 Anguera Lbr. & Tie Co., 910 S. Mich. av, Chicago, Ill.  
 Angus, Nelson E., packing box, Amherst, Mass.  
 Aniline Products Co., chemicals, 302 Broadway, New York.  
 Animal Oil Co., belt dressing, Ontario nr. Del. River, Phila., Pa.  
 Animate Toy Co., 31 E. 17th, New York.  
 Anis, Albert, architect, Ashland Blk., Chicago, Ill.  
 Ankenbauer, B., landscape architect, 5139 Inwalle av, Cincinnati, Ohio.  
 Ankeney Linseed Mfg. Co., Flaxseed, Des Moines, Ia.  
 Anker-Holth Mfg. Co., mchsts. & fndrs., cream separators, Port Huron, Mich.  
 Anketell Lumber & Coal Co., 2235 Dime Bank Bldg., Detroit, Mich.  
 Ankyra Mfg. Co., bolt, nut & rivet mfrs., Wayne Junct., Philadelphia, Pa. *See adv index at end of book.*  
 Ann Arbor Carriage Wks., Ann Arbor, Mich.  
 Ann Arbor Machine Co., Ann Arbor, Mich.  
 Anna Cotton Mills, Kingsmountain, N. C.  
 Anna Lumber & Mfg. Co., Anna, Ill.  
 Annan, J. P., architect, Com'l Bk. Bldg., Shreveport, La.  
 Annear, Wm., mill & facty. supplies, 57 N. 2d, Philadelphia, Pa.  
 Anneberg, J. D., & Co., scrap iron & steel, Aurora, Ill.  
 Anness, H. W., & Co., flag mfrs., 409 Pearl, New York.  
 Anness & Potter Fire Clay Co., Woodbridge, N. J.  
 Annett & McConnell, granite, 6 W. 141st, New York.  
 Annin & Co., flags & pennants, 99 Fulton, New York.  
 Annino, Jos. S., contractor, Middletown, Conn.  
 Anniston Cordage Co., sash cords, etc., Anniston, Ala.  
 Anniston Fertilizer Co., Anniston, Ala.  
 Anniston Foundry Co., Anniston, Ala.  
 Anniston Hardware Co., Anniston, Ala.  
 Anniston Lime Co., Anniston, Ala.  
 Anniston Mfg. Co., cotton sheetings, Anniston, Ala.  
 Annville Lime Co., Annville, Pa.  
 Annville Lime, Stone & Products Co., Lebanon, Pa.  
 Annville Stone Co., Annville, Pa.  
 Ansbacher, A. B., & Co., color mfrs., 527 5th av, New York.  
 Anso Co., photographic supplies, Binghamton, N. Y.  
 Ansell, Oscar, machst., Springfield, Ill.  
 Anslinger Sheet Metal Wks. Co., Springfield, Mo.  
 Anson, Gilkey & Hurd Co., lumber, shooks, Merrill, Wis.  
 Anson Shingle & Lbr. Co., Kansas City, Mo.  
 Ansonia Clock Co., 99 John, New York.  
 Ansonia Electrical Co., burglar alarms, electric bells, magnets, push buttons, wires, etc., Ansonia, Conn.  
 Ansonia Mfg. Co., mchsts. & fndrs., Ansonia, Conn.  
 Ansonia Mfg. Co., marine clocks, 1777 B'way, New York.  
 Ansonia Mfg. Co., sewage disposal plants, etc., 584 Hudson, New York.  
 Ansonia Novelty Co., metal nov. & spec., Ansonia, Conn.  
 Ansonia, O. & C. Co., laces, Ansonia, Conn.  
 Ansonia Trap Rock Co., stone producers, Ansonia, Conn.  
 Ansoorge, Carl T., architect, 2011 Seminary av, Chicago, Ill.  
 Ansted & Burk Co., flour & feed mills, Springfield, Ohio.  
 Ansted Spring & Axle Co., Connersville, Ind.  
 Anstedt, C., Leather Co., 560 Commerce, Milwaukee, Wis.  
 Anstey, A. D., architect, 1 Bridge Plaza, Long Island City, N. Y.  
 Anstice, Josiah & Co., hardware specialties, Water & Franklin, Rochester, N. Y.  
 Anstine, W. W., & Co., contractors, 1218 Filbert, Philadelphia, Pa.  
 Ansul Chemical Co., sulphur dioxide, Marinette, Wis.  
 Antakwa Co., paints & waterproofing matls. mfrs., 406-407 Chamber of Commerce, Chicago, Ill.  
 Anthe Mach. Works, Covington, Ky.  
 Anthoine, Geo. A., steam fitters' supplies, Biddeford, Me.  
 Anthony Co., crucible & fuel oil burning furnaces, 138 West av, Long Island City, N. Y.  
 Anthony, D. S., trunk mfr., Sioux City, Ia.  
 Anthony, Frank P., heating contr., 36 N. Centre, Boston, Mass.  
 Anthony, H. P., architect, 1420 Clarkson, Denver, Colo.  
 Anthony, J. J., architect, Moscow, Idaho.  
 Anthony, Mark, masons' & bldrs.' matls., Streator, Ill.  
 Anthracite Bridge Co., steel struct. wk., Scranton, Pa.  
 Anthracite Separator Co., Hazleton, Pa.  
 Anthracite Welding & Mach. Co., Scranton, Pa.  
 Anthrol Wood Preserving Co., 264 Spring, New York.  
 Anti-Borax Compound Co., Ft. Wayne, Ind.  
 Ant-Dust Chemical Co., sweeping compounds, 1001 Water, Denver, Colo.  
 Anti-Germ Fountain Co., 50 High, Boston, Mass.  
 Anti-Hydro Waterproofing Co., 9 Orchard, Newark, N. J.  
 Anti-Kalsomine Co., wall finish, Grand Rapids, Mich.  
 Anti-Stick Co., waterproofing materials, Westerville, Ohio.  
 Antietam Paper Co., Hagerstown, Md.  
 Antigo Canning Co., Antigo, Wis.  
 Antigo Mfg. Co., broom handles, Antigo, Wis.  
 Antill, Jos., contractor, Houston, Tex.  
 Antiseptic Broom Co., Savannah, Ga.  
 Antiseptol Liquid Soap Co., 564 W. Randolph, Chicago, Ill.  
 Antoine & Son, machsts., Passaic, N. J.  
 Anton, Geo. T., & Bro., boxes, lamps, miners', Monongahela, Pa.  
 Antonovich, Emil P., architect, Mcnadnock Bldg., San Francisco, Cal.  
 Antox Paint Co., Indianapolis, Ind.  
 Antozone Chemical Co., soap, etc., 25 Coenties slip, New York.  
 Antrim Iron Co., Grand Rapids, Mich.  
 Antrim Lime Co., Grand Rapids, Mich.  
 Antrim Lbr. Co., Wright Bldg., St. Louis, Mo.  
 Antrobus, John H., architect, Montrose, Colo.  
 Antwerp Naval Stores Co., turpentine, Savannah, Ga.  
 Anylite Electric Regulator Co., Fort Wayne, Ind.  
 Apalachie Fertilizer Co., Apalachie, Ga.  
 Apco Asphalt Roofing Co., 47 W. 34th, New York.  
 Apel, Gustav E., htg. contr., 575 4th. av, Brooklyn, N. Y.  
 Apelt, Herman, oils, horse hair, 87 Pine, New York.  
 Apex Appliance Co., clothes washing machines, 3223 W. 30th, Chicago, Ill.  
 Apex Color Wks., 50 B'way, New York.  
 Apex Elec. Mfg. Co., elec. sad & soldering irons, 1410 W. 59th, Chicago, Ill.  
 Apex Electrical Mfg. Co., Vacuum Cleaners, 1111 Power av, Cleveland, Ohio.  
 Apex Equipt. Co., steam shovels, etc., 63 Wall, New York.  
 Apex Fish Co., canned, Anacortes, Wash.  
 Apex Steel Corp., steel manfrs., 50 Church, New York.  
 Apffel, Phillip, Co., lenses, 54 John, New York.  
 Apgar, John A., architect, 246 N. 7th, Newark, N. J.  
 Apollo Elec. Steel Co., Apollo, Pa.  
 Apollo Metal Works, La Salle, Ill.  
 Apollo Player Piano Co., 511 W. 42d, New York.  
 Apollo Steel Co., iron rolling mills, Apollo, Pa.  
 Apollo Woolen Mills, Apollo, Pa.



- Apostilico, Alphonso, contractor, Scranton, Pa.  
 Apothecaries Hall Co., chemicals, Waterbury, Conn.  
 Appalachian Apple Orchards, canned, Tallulah Park, Ga.  
 Appalachian Marble Co., Knoxville, Tenn.  
 Appel, Henry L., Co., contractors, 179 W. Washington, Chicago, Ill.  
 Appenheimer, Jno. L., stone, 75 Appenheimer av, Buffalo, N. Y.  
 Apperson Bros. Auto. Co., Kokomo, Ind.  
 Apple Plumbing & Htg. Co., cornices, West Chester, Pa.  
 Applebee, B. L., architect, Ossining, N. Y.  
 Appleby Bros., canned goods, Fayetteville, Ark.  
 Appleby Bros. & Whittaker Co., plumbers' & steam fitters' supplies, Harrisburg, Pa.  
 Appleby, T. H., & Co., horse collars, Syracuse, N. Y.  
 Applegarth, C. L., Co., canned goods, ft. of Webster, Baltimore, Md.  
 Applegarth, G. A., architect, Claus Spreckels Bldg., San Francisco, Cal.  
 Applegarth, W. F., canned goods, Golden Hill, Md.  
 Applegate Chemical Co., writing inks, 6322 Ellis av, Chicago, Ill.  
 Applegate, Jos. H., brick, Trenton, N. J.  
 Appleby Bros. & Whittaker Co., plumbers' supplies—jobbers, Harrisburg, Pa.  
 Appleton Brass Wks., ball cocks, 3 Appleton, Boston, Mass.  
 Appleton Canning Co., Grand Junction, Colo.  
 Appleton, Chas. J., contractor, Heed Bldg., Philadelphia, Pa.  
 Appleton Coated Paper Co., Appleton, Wis.  
 Appleton Co., cotton flannels, Lowell, Mass.  
 Appleton Const. Co., contrs., Appleton, Wis.  
 Appleton Counter Co., Haverhill, Mass.  
 Appleton Elec. Co., testing clamps, cable & conduit hangers, 224 N. Jefferson, Chicago, Ill.  
 Appleton, F. H., Son, reclaimed rubber, 185 Summer, Boston, Mass.  
 Appleton Hay Tool Co., Appleton, Wis.  
 Appleton Machine Co., paper & pulp mill, Appleton, Wis.  
 Appleton Mfg. Co., agricultural implements, Batavia, Ill.  
 Appleton Paper & Pulp Co., Appleton, Wis.  
 Appleton Wire Works, Appleton, Wis.  
 Appleton Woolen Mills, Appleton, Wis.  
 Appleyard, Geo. T., architect, Widdicombs Bldg., Grand Rapids, Mich.  
 Appleyard, George T., architect, Muskegon, Mich.  
 Appman Cornice Works, 128 Valencia, San Francisco, Cal.  
 Appomattox Iron Wks. & Supply Co., Petersburg, Va.  
 Appomattox Iron Works & Supply Co., peanut, saw mill, tobacco machy., Petersburg, Va.  
 Apsley Rubber Co., rubber boots, Hudson, Mass.  
 Apter Bros. Mfg. Co., carbon paper & typewriter ribbons, 412 So. 5th av, Chicago, Ill.  
 A. P. W. Paper Co., toilet paper, holders & towels, Albany, N. Y.  
 Aquabar Co., waterproofing mlrs., Real Estate Trust Co. Bldg., Philadelphia, Pa.  
 Aquapura Filter Mfg. Co., St. Louis, Mo.  
 Aquart Mfg. Co., furniture polish, Chemical Bldg., St. Louis, Mo.  
 Aquatic Cream Separator Co., Rochester, N. Y.  
 Arabol Mfg. Co., dextrine, glue, starch, etc., 100 William, New York.  
 Aragon Mills, cotton duck & canvas, Aragon, Ga.  
 Arata & Co., trunk mfrs., 118 S. 13th, Philadelphia, Pa.  
 Arbaugh, R. B., architect, Canton, Ohio.  
 Arbenz Car Co., Chillicothe, Ohio.  
 Arbetter Felling Machine Co., 242 Dover, Boston, Mass.  
 Arbogast & Bastian Co., meat packers, Allentown, Pa.  
 Arbogast, S. G., brick, Farmer City, Ill.  
 Arbuckle Bros., sugar refineries, Old Slip & Water, New York.  
 Arbuckle & Co., mchsts. & fndrs., Rushville, Ind.  
 Arbuckle-Ryan Co., mill & facty. supplies & machy. dlrs., Toledo, Ohio.  
 Arbuckle & Son, brick, Homer, Ind.  
 Arbuckle & Son, brick, Rays Crossing, Ind.  
 Arc, K. N., architect, B'way Central Bldg., Los Angeles, Cal.  
 Arcade Machine Wks., New Milford, Conn.  
 Arcade Malleable Iron Co., Worcester, Mass.  
 Arcade Mfg. Co., mfrs. coffee mills, hdwe., toys, molding machines, etc., Freeport, Ill.  
 Arcade Planing Mill Co., Arcade, N. Y.  
 Arcade Steam Heating Co., 126 W. Kinzie, Chicago, Ill.  
 Arcadia Canning Works, Arcadia, Ind.  
 Arcadia Cotton Oil & Mill & Mfg. Co., Arcadia, La.  
 Arcadia Mill Co., flour, Enterprise, N. C.  
 Arcadia Mills, cotton sheetings, Spartanburg, S. C.  
 Arch Distilling Co., Uniontown, Pa.  
 Archambault, Albert, granite, Holyoke, Mass.  
 Archard, Richard J., contractor, 60 Murray, Fall River, Mass.  
 Archbald-Brady Co., steel structural work; contrs., Greenway av, Syracuse, N. Y.  
 Archbold Brick & Tile Co., Archbold, Ohio.  
 Archdeacon & Sullivan, contractors, 5 E. Concord, Boston, Mass.  
 Archer & Allen, architects, Central Savings Bk. Bldg., Baltimore, Md.  
 Archer & Baldwin, machy. dlrs., 114 Liberty, New York.  
 Archer Blower & Pipe Co., Seattle, Wash.  
 Archer, C. S., canned goods, Pylesville, Md.  
 Archer, Chris., contractor, West New Brighton, N. Y.  
 Archer-Daniels Linseed Co., 29th av, S. E., Minneapolis, Minn.  
 Archer-Frost Co., architects, 1900 Euclid av, Cleveland, Ohio.  
 Archer, Geo., brick, Haverstraw, N. Y.  
 Archer, Geo. F., sewerage disposal plants; tele. & app., 10 E. 43d, New York.  
 Archer, H. & Co., contractors, 314 S. 10th, Minneapolis, Minn.  
 Archer Iron Works, steel automobile truck bodies, 2430 W. 34th pl., Chicago, Ill.  
 Archer, J. W., & Son, canned goods, Wilna, Md.  
 Archer, John, canned goods, Magnolia, Md.  
 Archer Mfg. Co., dental, barber chairs, etc., Rochester, N. Y.  
 Archer, Newton H., bits, chests, screw driver mfrs., etc., New Haven, Conn.  
 Archer & Pancoast Co., elec. & gas light fixtures, 507 W. 24th, New York.  
 Archer Piano Co., 511 E. 72d, New York.  
 Archer Rubber Co., Milford, Mass.  
 Archey, Brant, Coal Co., masons' & bldrs.' matis., Frankfort, Ind.  
 Archery Co., toys, games & nov., Glen Falls, N. Y.  
 Archibald, E. L., Co., contractors, 23rd & Robey, Chicago, Ill.  
 Archibald, F., & Co., boot counters, Haverhill, Mass.  
 Archibald Guilford Wheel Co., Guilford, Conn.  
 Archibald Wheel Co., 150 West, Lawrence, Mass.  
 Architects' Card File Co., advtg. nov., 35 Montgomery, San Francisco, Cal.  
 Architects' & Engrs.' Supply Co., 923 Walnut, Kansas City, Mo.  
 Architectural Contrg. Co., 101 Park av, New York.  
 Arch'l Cornice & Skylight Wks., 4077 Park av, New York.  
 Architectural Decorating Co., decorations, plastic relief, 1600 S. Jefferson, Chicago, Ill.  
 Architectural Designing Co., Grosse Bldg., Los Angeles, Cal.  
 Architectural Iron & Bronze Wks., Potrero av, nr. 17th, San Francisco, Cal.  
 Architectural League of N. Y., 215 W. 57th, New York.  
 Architectural Metal Works, 1192 2d av, New York.  
 Archl. Mold Co., Warren & Medrum avs, Detroit, Mich.  
 Arch'l Record, trade publication, 119 W. 40th, New York.  
 Architecture, trade publication, 527 5th av, New York.  
 Architecture & Bldg., trade publication, 23 Warren, New York.  
 Arco Co., paints, etc., Euclid & E. 65th, Cleveland, Ohio.  
 Arctic Ice Machine Co., compressors, Canton, Ohio.  
 Ardis & Co., Ltd., masons' & bldrs.' matis., Shreveport, La.  
 Ardmore Brick & Tile Co., Ardmore, Okla.  
 Ardmore Milling Co., flour, Ardmore, Okla.  
 Ardmore Refining Co., petroleum & its products, Ardmore, Okla.  
 Ardrey, S. B., & Sons, mchsts. & fndrs., Briston, Pa.  
 Ardrey Vehicle Washer Co., Rochester, N. Y.  
 Arenander, Carl E., architect, 587 Summer av, Newark, N. J.  
 Arend, Ernest A., architect, 105 W. 40th, New York.  
 Arensberg & Clemence, cornices, 924 Moyamensing, Phila., Pa.  
 Arex Co., ventilators, 1591 Conway Bldg., Chicago, Ill.  
 Argillo Wks., sewer pipe, Carbon Cliff, Ill.  
 Argillo Wks., brick, Rock Island, Ill.  
 Argo Mfg. Co., cornices, Chicago, Ill.  
 Argo Milling Co., buckwheat flour, Charlevoix, Mich.  
 Argo Motor Co., Jackson, Mich.  
 Argonaut Cotton Mill Co., Covington, Ky.  
 Argus Mfg. Co., pen clips, 128 S. Honore, Chicago, Ill.  
 Arguto Oilless Bearing Co., iron metallic oilless bearings; trade mark "Arguto," Wayne Junc., Philadelphia, Pa.  
*See adv index at end of book.*  
 Arinoco Furniture Co., Columbus, Ind.  
 Ariola, G., & Co., granite, Montpelier, Vt.  
 Arion Mfg. Co., talking machines, Boston, Mass.  
 Arista Mills Co., sheeting, Winston-Salem, N. C.  
 Arlton Fertilizer Co., Arlton, Ala.  
 Arizona Copper Co., Clifton, Ariz.  
 Arizona Gypsum Plaster Co., Douglas, Ariz.  
 Arizona Hardware Supply Co., wholesale, Phoenix, Ariz.  
 Arizona Iron Works, Phoenix, Ariz.  
 Arizona Lumber & Mill Co., Tucson, Ariz.  
 Arizona Lumber & Timber Co., Flagstaff, Ariz.  
 Arizona Marble Co., Bowie, Ariz.  
 Arizona Mine Supply Co., Phoenix, Ariz.  
 Arizona & Sonora Mfg. Co., machinists & fndrs., Nogales, Ariz.  
 Arkadelphia Milling Co., lumber, Arkadelphia, Ark.  
 Ark. Brick & Mfg. Co., Little Rock, Ark.  
 Ark. Bridge Co., contrs., N. W. cor. 2d & Wyandotte, Kansas City, Mo.  
 Ark. City Milling Co., flour, Arkansas City, Kan.  
 Ark. City Veneer & Box Co., sash, door & blind, Arkansas City, Kan.  
 Ark. Coffin Co., South Fort Smith, Ark.  
 Ark. Cypress Shingle Co., Little Rock, Ark.  
 Ark. Fertilizer Co., Little Rock, Ark.  
 Ark. Industrial Univ., engng. schools & coll., Fayetteville, Ark.  
 Ark. Land & Lumber Co., Malvern, Ark.  
 Ark. Lime Co., Ruddells, Ark.  
 Ark. Lumber Co., Warren, Ark.  
 Ark. Mill Supply Co., Pine Bluff, Ark.  
 Ark. & Miss. Hdwe. Co., Helena, Ark.  
 Ark. Orchard Planting Co., canned goods, Highland, Ark.  
 Ark. Soapstone Refractories Co., Little Rock, Ark.  
 Ark. Valley Fence Co., Wichita, Kan.  
 Arkell Safety Bag Co., paper bag mfrs., 120 B'way, New York.  
 Arkell & Smiths, paper bags, Canajoharie, N. Y.  
 Arkisen Bros., brick, Hudson, N. Y.



- Arkwright Mills, cotton sheetings, Fall River, Mass.  
 Arlett, Arthur, contractor, Call Bldg., San Francisco, Cal.  
 Arlington Art Glass Wks., Atlanta, Ga.  
 Arlington Canning Assn., Arlington, Minn.  
 Arlington, Claude L., architect, 507 Main, Worcester, Mass.  
 Arlington Coal & Coke Co., Lynchburg, Va.  
 Arlington Lumber Co., Arlington, Ky.  
 Arlington Machine Works, Arlington Heights, Mass.  
 Arlington Mfg. Co., fertilizer mfrs., Arlington, Ga.  
 Arlington Mfg. Co., paints, Canton, Ohio.  
 Arlington Milling & Lumber Co., Hillyard, Wash.  
 Arlington Oil & Guano Co., fertilizer mfrs., Arlington, Ga.  
 Arlington Refrigerator Co., Arlington, Vt.  
 Arlitt, Max., cornices, Austin, Tex.  
 Arco Culvert Publicity Bureau, Cincinnati, Ohio.  
 Arndt, Wm., cornices, Easton, Pa.  
 Armentrout & Sons, wholesale hdwe., 1710 14th, N. W., Washington, D. C.  
 Armer, Clarence H., & Bro., hogsheads, Augusta, Ky.  
 Armfield, G. W., architect, Greensboro, N. C.  
 Armiger Chemical Co., carriage dressing, 2151 Austin av, Chicago, Ill.  
 Arminius Chemical Co., 44 Pine, New York.  
 Arminuis Chemical Co., ores, purities & sulphur, Mineral, Va.  
 Armitage, Jno. L., & Co., wood fillers, 54 Dawson, Newark, N. J.  
 Armitage Manufg. Co., pitch, Richmond, Va.  
 Armitage, Wm. H., architect, 417 Montgomery, San Fran., Cal.  
 Armleder, O., Co., automobile bldrs., 12th & Plum, Cincinnati, O.  
 Armon Mfg. Co., rope, twine, Mount Holly, N. C.  
 Armor Clad Mfg. Co., filing cabinets, Canton, Ohio.  
 Armour Ammonia Wks., 3130 Benson, Chicago, Ill.  
 Armour, C. P., & Co., brick, Houston Station, Del.  
 Armour & Co., meat packers, 208 S. La Salle, Chicago, Ill.  
 Armour & Co., meat packers, Louisville, Ky.  
 Armour Fertilizer Wks., Atlanta, Ga.; Baltimore, Md.; Chicago, Ill.; Chrome, N. J.; Ft. Worth, Tex.; Greensboro, N. C.; Jacksonville, Fla.; Los Angeles, Cal.; Omaha, Neb.; Savannah, Ga.; Sioux City, Ia.  
 Armour Curled Hair & Felt Wks., 3131 Benson, Chicago, Ill.  
 Armour Glue & Ammonia Wks., Postal Telegraph Bldg., San Francisco, Cal.  
 Armour Glue Wks., 49 Commercial Wharf, Boston, Mass.; 3130 Benson, Chicago, Ill.; & 120 B'way, New York.  
 Armour Institute of Technology, engng. school & college & testing laboratory, 3300 Federal, Chicago, Ill.  
 Armour, Judson, carriages, East Downingtown, Pa.  
 Armour Leather Co., 175 N. Franklin, Chicago, Ill.  
 Armour Sandpaper Wks., 3130 Benson, Chicago, Ill.  
 Armour Soap Wks., 3130 Benson, Chicago, Ill.  
 Armourdale Fdry. Co., Kansas City, Kan.  
 Armourdale Lbr. & Supply Co., Arkansas City, Kan.  
 Arms, H. G., stone prod., Bristol, Conn.  
 Arms Leather Nov., Amherst, Mass.  
 Armspear Mfg. Co., lamps, 447 W. 53d, New York.  
 Armstrong, A. A., purchasing agent, Union Bank Bldg., Pittsburgh, Pa.  
 Armstrong, A., Co., carriages, 719 State av, Cincinnati, Ohio.  
 Armstrong, A. J., architect, Majestic Bldg., Shreveport, La.  
 Armstrong, A. R., contractor, 145 E. Willis, Detroit, Mich.  
 Armstrong-Blum Mfg. Co., rod cutters, punches & shears, etc., 337 N. Francisco av, Chicago, Ill.  
 Armstrong Bros., cornices, Springfield, Ill.  
 Armstrong Bros. Tool Co., tool holders, etc., 339 N. Francisco av, Chicago, Ill.  
 Armstrong, C. E., & Sons, wholesale hdwe., Clinton, Ia.  
 Armstrong Co., cements, putty, 124 Post av, Detroit, Mich.  
 Armstrong & Co., cook furnaces, 7 Wood, Pittsburgh, Pa.  
 Armstrong & Cooke, contractors, Conestoga Bldg., Pittsburgh, Pa.  
 Armstrong Cork Co., brick, 24th & A. V. R. R., Pittsburgh, Pa.  
 Armstrong Cork & Insulation Co., 24th & A. V. R. R., Pittsburgh, Pa.  
 Armstrong & De Gelleke, architects, 122 E. 25th, New York.  
 Armstrong, Eliza J., packing box mfrs., 489 Washington, New York.  
 Armstrong, F. A. W., & Co., screw machine products, Boston, Mass.  
 Armstrong, Frank H., architect, Seward Bldg., Auburn, N. Y.  
 Armstrong, Fred A., switch blocks, 348 Court, Brooklyn, N. Y.  
 Armstrong, G. R., mfrs. supplies, mill, facty. & munition supplies, 257 Franklin, Boston, Mass.  
 Armstrong, G. W., cornices, Shelby, Ohio.  
 Armstrong & Graham, harness, 128 Jefferson av, Detroit, Mich.  
 Armstrong, H. J., & Co., loose leaf devices, 538 S. Clark, Chicago, Ill.  
 Armstrong, I., & Co., sash, door & blind, Danbury, Conn.  
 Armstrong, J. B., Co., canned goods, Norfolk, Va.  
 Armstrong, J. B., Mfg. Co., auto. springs, Flint, Mich.  
 Armstrong, J. C., Mach. & Fdry. Co., Peoria, Ill.  
 Armstrong, J. H., Co., masons' & bldrs.' matls., Fort Worth, Tex.  
 Armstrong, Jno. A., architect, 10 S. La Salle, Chicago, Ill.  
 Armstrong, Jno., Lime & Quarry Co., Alton, Ill.  
 Armstrong-Johnston Mfg. Co., auto. bodies, Columbus, Ohio.  
 Armstrong, Joseph M., architect, Annapolis, Md.  
 Armstrong & Koch, architect, Denegre Bldg., New Orleans, La.  
 Armstrong, Landon Co., wholesale hdwe., Kokomo, Ind.  
 Armstrong & Latta Co., contractors; dock bldrs., Land Title Bldg., Philadelphia, Pa.  
 Armstrong, M., Co., wood & metal auto. bodies, 433 Chapel, New Haven, Conn.  
 Armstrong Mach. & Well Wks. Co., Ltd., Welsh, La.  
 Armstrong Mach. Wks., Three Rivers, Mich.  
 Armstrong Machinery Co., machsts. & fndrs., Spokane, Wash.  
 Armstrong, Maitland & Co., glass stainers, etc., 61 Washington, New York.  
 Armstrong Mfg. Co., brick, Hicksville, Ohio.  
 Armstrong Mfg. Co., corn racks, Ottumwa, Ia.  
 Armstrong Mfg. Co., mech. stokers, Springfield, Ohio.  
 Armstrong Mfg. Co., machsts. & fndrs., Waterloo, Ia.  
 Armstrong Mfg. Co., water, gas & steam fitters' tools, 278 Knowlton, Bridgeport, Conn. *See adv index at end of book.*  
 Armstrong Oiler Co., car journal lubricators, Commonwealth Trust Bldg., Philadelphia, Pa.  
 Armstrong, P. M., & Co., tin plate, metals, Lisbon, Ohio.  
 Armstrong Packing Co., lubricating oils & greases, soap, meat, Dallas, Tex.  
 Armstrong Paint & Varnish Works, 2502 S. Pauline, Chicago, Ill.  
 Armstrong & Parker, bolts, screws, washers, etc., Bath & North, Baltimore, Md.  
 Armstrong, R. S., & Bro., mill & facty. supplies, Atlanta, Ga.  
 Armstrong Rubber Co., heels, tubing, 118 Adams, Newark, N. J.  
 Armstrong Stove & Mfg. Co., Perryville, Md.  
 Armstrong-Thielman Lumber Co., Calumet, Mich.  
 Armstrong & Veley, machsts., Kalamazoo, Mich.  
 Armstrong, W. H., Co., surgical instruments, 34 W. Ohio, Indianapolis, Ind.  
 Armstrong, Walter, machst., Springfield, Mass.  
 Armstrong, Wm., machst. & fndr., Maryville, Mo.  
 Armstrong Truck Co., North Wales, Pa.  
 Armstrong, W. B., contractor, Everett, Boston, Mass.  
 Armstrong, William, knitted gloves, Needham Heights, Mass.  
 Armstrong, Wm. H., carriage wheels, South Coventry, Conn.  
 Armstrong-Wolfe-Zimmerman Co., mill & facty. supplies, 1st & Market, Pittsburgh, Pa.  
 Arndt Bros., rye & wheat flour, Sheboygan, Wis.  
 Arnell, Robt., lbr., Lewes, Del.  
 Arneson Fdry. Co., Kenosha, Wis.  
 Arnett, C. C., machst. & fndr., Gainesville, Tex.  
 Arnett, Edw. B., contractor, Sea Isle City, N. J.  
 Arnett, Lee, Co., road culverts, Lincoln, Neb.  
 Arnold, A. A., architect, Weston, W. Va.  
 Arnold, Adam, brick, Thomasville, Ga.  
 Arnold Bros., meat packers, 660 W. Randolph, Chicago, Ill.  
 Arnold, C. N., Co., masons' & bldrs.' matls., Poughkeepsie, N. Y.  
 Arnold, Casper, & Son, sashes, doors & blinds, Cullman, Ala.  
 Arnold, Cheney & Co., ivory, gum arabic imprs., 82 Beaver, New York.  
 Arnold, Clinton C., architect, Scarboro-on-Hudson, N. Y.  
 Arnold & Co., lbr. mfrs., Albany, N. Y.  
 Arnold & Co., stove casters, Norwalk, Conn.  
 Arnold Co., tex. machy., iron castings, etc., Norwalk, Conn.  
 Arnold, Conrad, stone prod., 1207 Orange, Syracuse, N. Y.  
 Arnold-Creager Co., machinery, New London, Ohio.  
 Arnold Damper, Inc., Goshen, Ind.  
 Arnold, Daniel, machst. & fndr., Warren, Ind.  
 Arnold, E. W., architect, Battle Creek, Mich.  
 Arnold Electric Co., drink mixers, hair dryers, electric motors, massage vibrators, etc., Racine, Wis.  
 Arnold & Elliott, flour mills, Sunrise, Ky.  
 Arnold, Elmer H., Co., cornices, Superior, Wis.  
 Arnold-Evans Co., mill & facty. supplies, Spokane, Wash.  
 Arnold, F., & Sons, instruments, 310 N. Eutaw, Baltimore, Md.  
 Arnold, H. H., Co., machsts. & fndrs., Rockland, Mass.  
 Arnold, Harry J., architect, 345 5th av, New York.  
 Arnold, Hoffman & Co., aniline colors, alkali & starch mfrs., 55 Canal, Providence, R. I.  
 Arnold, Lew K., architect, Grandview, Wash.  
 Arnold Lumber Co., Ensley, Ala.  
 Arnold & Murdock, machsts., Kenosha, Wis.  
 Arnold, N. B., metal polish, rust preventatives, 1 Sigourney, Brooklyn, N. Y.  
 Arnold Print Wks., machsts. & fndrs., North Adams, Mass.  
 Arnold, N. B., lacquering for the trade, 1 Signy, B'klyn, N. Y.  
 Arnold, S. A., landscape architect, 50 Broomfield, Boston, Mass.  
 Arnold, S. G., steel facty. equipment, 2619 W. Vanburen, Chicago, Ill.  
 Arnold, Samuel, architect, 2996 Adeline, Berkeley, Cal.  
 Arnold, Schiff & Co., umbrella mfrs., 85 5th av, New York.  
 Arnold, Schwinn & Co., bicycle mfrs., 1718 N. Kildare av, Chicago, Ill.  
 Arnold & Stern, architects, East Av Bldg., Rochester, N. Y.  
 Arnold, Thos., cornices, Lancaster, Pa.  
 Arnold & Van House, architects, Daly Bk. Bldg., Butte, Mont.  
 Arnold, W. A., fertilizer mfr, Clio, Ala.  
 Arnold, W. E., rubber molds, Malden, Mass.  
 Arnold-Wagner Elec. Co., door key lights, South Bend, Ind.  
 Arnold, Wm. H., sash, door & blind, Adams, Mass.  
 Arnold & Zeiss, crude rubber, 277 B'way, New York.  
 Arnolds, G. W., Son, agricultural implements, Ionia, Mich.  
 Arnold's, J. H., Son, labels, stamps, stencils, 47 Fulton, New York.  
 Arnot, A. M., cornices & skylights, Charleston, S. C.  
 Arnott & Co., machinery, Los Angeles, Cal.  
 Arnould, A. A., contractor, Davenport, Ia.



- Arnstein, Eugene, paints, enamels, bronze powders, 45 W. 26th, Chicago, Ill.  
 Arntzen Co., Inc., hospital stretchers, 808 N. Clark, Chicago, Ill.  
 Arny, C. W., & Son, mill & facty, supplies, Trenton & Somerset, Philadelphia, Pa.  
 Army, Chas., iron, steel, Elizabeth, N. J.  
 Aroner, J., architect, 139 N. Clark, Chicago, Ill.  
 Aronoff, Joseph J., canvas & leather bags & specialties, 120 Hamilton av, Trenton, N. J.  
 Aronson & Goldman, iron, 806 5th, New York.  
 Aronson, Joel, paper hangers' tools, 604 B'way, Bklyn, N. Y.  
 Aroostock Produce Co., starch mfrs., Houlton, Me.  
 Aroostock Valley Starch Co., Fort Fairfield, Me.  
 Arp & Hammond Hardware Co., Cheyenne, Wyo.  
 Arpin Hardwood Lumber Co., oak flooring, Grand Rapids, Wis.  
 Arpin, J. B., contractor, Houston, Tex.  
 Arpin, J. B., Dredging Co., Grand Rapids, Wis.  
 Arpin, John, Lumber Co., Grand Rapids, Wis.  
 Arpp, Simpson Co., contractors, Middletown, Ohio.  
 Arps, G. L., & Co., fertilizer mfrs., Norfolk, Va.  
 Arps Hardware Co., Ouray, Colo.  
 Arrah-Wanna Moccasin Co., hunting boots, Brockton, Mass.  
 Arras Cream Separator Co., machsts., Bluffton, Ohio.  
 Arral Limestone Co., Youngstown, Ohio.  
 Arrigoni, F., & Bro., contractors, Middletown, Conn.  
 Arrington, H. J., Co., lumber, Claremont, Va.  
 Arro-Line Packing Co., canned goods, Aberdeen, Wash.  
 Arrow Boiler Compound Co., Laclede Bldg., St. Louis, Mo.  
 Arrow Bottlers Machy. Co., 17 N. La Salle, Chicago, Ill.  
 Arrow Can Co., tin can mfrs., 170 B'way, New York.  
 Arrow Electric Co. (The), electric wiring device mfrs., 103 Hawthorne, Hartford, Conn.  
 Arrow Head Mfg. Co., lime mfrs., St. Louis, Mo.  
 Arrow Mfg. Co., electric motors, etc., 618 Broadway, Toledo, O.  
 Arrowhead Mills, Inc., sulphite pulp, Fulton, N. Y.  
 Arrowsmith Concrete Tool Co., Arrowsmith, Ill.  
 Arsholous Thermometer Mfg. Co., Industrial Bldg., Syracuse, N. Y.  
 Art Bedstead Co., 37th & Rockwell, Chicago, Ill.  
 Art Brass Co., 299 E. 134th, New York.  
 Art Brass & Wire Wks., archl. iron, Forest & Ellery, Detroit, Mich.  
 Art Gas & Electric Fixture Co., 312 Pearl, Buffalo, N. Y.  
 Art Glass Co., 74-78 Fort E. Detroit, Mich.  
 Art Glass Co., La Crosse, Wis.  
 Art Glass Mfg. Co., shades & reflectors, 128 Mott, New York.  
 Art Glass Studios, 374 E. 141st, New York.  
 Art Graphic Co., pennant mfrs., 129 Fulton, New York.  
 Art Hardware & Mfg. Co., Seattle, Wash.  
 Art Iron & Wire Works, Toledo, Ohio.  
 Art Marble Co., 2608 Flournoy, Chicago, Ill.  
 Art Metal Construction Co., metal furniture, Jamestown, N. Y.  
 Art Metal Fireproof Door & Trim Co., 2732 Wentworth av, Chicago, Ill.  
 Art Metal Mfg. Co., lamps, E. 61st & Curtiss av, Cleveland, O.  
 Art Metal Products Co., metal furniture, bank fixtures, etc., 514 S. Green, Chicago, Ill.  
 Art Metal Wks., fndrs., 7 Mulberry, Newark, N. J.  
 Art Mosaic & Tile Co., Toledo, Ohio.  
 Art Novelty Co., music cabinets, Goshen, Ind.  
 Art Pattern Wks., 121 Lafayette av, Detroit, Mich.  
 Art Products Co., milk bottle caps, 185 Devonshire, Boston, Mass.  
 Art Shade Co., 224 N. Desplaines, Chicago, Ill.  
 Art Stone Co., artificial bldg. stone, 240 Market, Hartford, Conn.  
 Art Stone Co., Millers Falls, Mass.  
 Art Stone Construction Co., Miami, Fla.  
 Art-Stone Mfg. Co., 282 9th av, New York.  
 Art Stove Co., Russell & Milwaukee, Detroit, Mich.  
 Art Wall Paper Mills, 2414 W. 21st, Chicago, Ill.  
 Artesian Stone & Lime Wks., Grand & Campbell avs, Chicago, Ill.  
 Artesian Valley Alfalfa Milling Co., Fowler, Kans.  
 Arth, G. V., carriages, Oakland, Cal.  
 Arthur Colton Co., special machinery & pattern makers, Jefferson & Chene, Detroit, Mich.  
 Arthur Co., machsts, 188 Front, New York.  
 Arthur, H. S. & Sons Co., cornices, Watertown, N. Y.  
 Arthur, J. T., machsts., Calico Rock, Ark.  
 Arthur, W. H., contractor, Washington Bldg., Stamford, Conn.  
 Artillery Fuse Co., ammunition, Church & F, Wilmington, Del.  
 Artista Piano Player Co., Rock Island, Ill.  
 Artistic Bronze Co., mchsts. & fndrs., Bridgeport, Conn.  
 Artistic Nov. Co., 461 8th av, New York.  
 Artistic Wood Turning Wks., 515 N. Halsted, Chicago, Ill.  
 Artizan Brass Co., air pumps, 230 N. Jefferson, Chicago, Ill.  
 Artley Bros., fndrs., Muncy, Pa.  
 Artos Eng'g. Co., 348 Milwaukee, Wis.  
 Arundel Sand & Gravel Co., sand, Pier 2, Pratt, Baltimore, Md.  
 Arrac Mfg. Co., universal joints, Anderson, Ind.  
 Arvon-Buckingham Slate Co., Richmond, Va.  
 Arvon-Slate Co., Lynchburg, Va.  
 Asbell, S. J., Co., mchsts. & fndrs., Paterson, N. J.  
 Asbestolith Mfg. Co., sanitary flooring, 1 Madison av, New York.  
 Asbestos Burial Casket Co., Lowville, N. Y.  
 Asbestos Co. of Cal., 199 1st, San Francisco, Cal.  
 Asbestos Felting Wks., 79 Maiden la, New York.  
 Asbestos Fibre Spinning Co., North Wales, Pa.  
 Asbestos & Mineral Corp., asbestos, 17 Battery pl, New York.  
 Asbestos Protected Metal Co., concrete roofing mfrs., First Nat. Bank, Pittsburgh, Pa.  
 Asbestos & Rubber Wks. of Am., 58th & B'way, New York.  
 Asbestos & Rubber Wks. of N. J., packing mfrs., Camden, N. J.  
 Asbestos Shingle Co., Nashua, N. H.  
 Asbestos Shingle, Slate & Sheathing Co., Ambler, Pa.  
 Asbestos Textile Co., roofing, Woolworth Bldg., New York.  
 Asbestos Wood Co., Nashua, N. H.  
 Asbury Graphite Mills, Asbury, N. J.  
 Asbury, Louis H., architect, Charlotte, N. C.  
 Asbury Marble Co., Knoxville, Tenn.  
 Asbury Park Mill Co., sashes, doors & blinds, Asbury Park, N. J.  
 Asbury & Whitehurst, architects, 110 N. 7th, Richmond, Va.  
 Ascension Red Cypress Co. (Ltd.), lumber & cypress shingles, 403 Whitney, New Orleans, La.  
 Asch & Co., auto. towing ropes, 16 W. 61st, New York.  
 Asch, Edgar S., Co., metal buttons, 80 W. 36th, New York.  
 Aschauer, C. J., architect, Decatur, Ill.  
 Aschenbach Harness Co., bags, belts, jack-straps, etc., Henry, N.Y.  
 Aschenbach, Walter J., architect, 51 Wakeman av, Newark, N. J.  
 Ascher, Leopold Co., shaving brushes, 116 Chambers, New York.  
 Ascher, Simon & Co., sweaters, etc., 390 4th av, New York.  
 Ascher Supply Co., plumbers' supplies, jobbers, 288 N. High, Columbus, O.  
 Asco Machine Tool Co., engine lathes, Cincinnati, Ohio.  
 Asdahl & Nelson, masons' & bldrs. matls., Racine, Wis.  
 Asendorf, J. H., Co., lumber mfrs., Stewart Bldg., Baltimore, Md.  
 Asendorf, Wm. H., & Co., packing box mfrs., Russell & Stockholm, Baltimore, Md.  
 Aseptic Cotton Products Co., Chattanooga, Tenn.  
 Aseptic Hospital Supply Co., furniture, 92 Fulton, B'klyn, N. Y.  
 Aseptic Products Co., surgical gauze mfrs., 237 Borden av, Long Island City, N. Y.  
 Ash, C., & Sons, contractors, New High School Bldg., St. Paul, Minn.  
 Ash, Chas. H., contractor, Coatesville, Pa.  
 Ash, Chas. W., lumber, Coatesville, Pa.  
 Ash, Claudius, Sons & Co. (Ltd.), rubber goods, 1 Union sq, New York.  
 Ash Grove Lime & Portland Cement Co., Grand av Temple, Kansas City, Mo.  
 Ash, Henry M., mill & facty. supplies, Paterson, N. J.  
 Ash & Willey, wood handles, Bryan, Ohio.  
 Ashaway Clay Co., Ashaway, R. I.  
 Ashaway Line & Twine Mfg. Co., Ashaway, R. I.  
 Ashbaugh Co., paint mfrs., Columbus, Ohio.  
 Ashbery, Hy. C., stencils, rubber stamps, etc., 285 Washington, Buffalo, N. Y.  
 Ashboro Roller Mills, flour, Ashboro, N. C.  
 Ashboro Wheelbarrow Co., sashes, doors & blinds, ladders, Ashboro, N. C.  
 Ashbrook Elec. Co., storage batteries, 411 Ravenswood av, Chicago, Ill.  
 Ashbrook, F. S., Dist. Co., Cynthiana, Ky.  
 Ashburn Lumber Co., Ashburn, Ga.  
 Ashburn Oil Mill, Ashburn, Ga.  
 Ashby, Ashby & Schulze, architects, 178 Jackson blvd, Chicago, Ill.  
 Ashby, Jos., contractor, 249 S. 24th, Philadelphia, Pa.  
 Ashby & Sons, cereal & prepared foods, Leavenworth, Kans.  
 Ashcraft Cotton Mills, Florence, Ala.  
 Ashcroft, G. B., architect, Balboa Bldg., San Francisco, Cal.  
 Ashcroft Mfg. Co., alarms, clocks, gauges, indicators, recorders, etc., 119 W. 40th, New York.  
 Ashe-Carson Co., turpentine, Andalusia, Ala.  
 Asheim, Leonard, architect, 211 State, Bridgeport, Conn.  
 Ashelman & Gage, architects, Fargo, N. D.  
 Asher, A. J., lumber, Pineville, Ky.  
 Asher Mfg. Co., ldry. machy., Willimantic, Conn.  
 Asheville Constr. Co., Asheville, N. C.  
 Asheville Dray, Fuel & Constr. Co., Asheville, N. C.  
 Asheville Milling Corp., flour, Asheville, N. C.  
 Asheville Packing Co., fertilizer mfrs., Asheville, N. C.  
 Asheville Supply & Fdry. Co., Asheville, N. C.  
 Ashfield, F. J., contractor, 350 Fulton, Brooklyn, N. Y.  
 Ashford Trunk & Bag Co., Atlanta, Ga.  
 Ashland Anchor & Steel Post Co., Ashland, Ohio.  
 Ashland Cement Constr. Co., Ashland, Ky.  
 Ashland Co., cotton sheetings, Ashland, R. I.  
 Ashland Co., lumber, Ashland, Me.  
 Ashland Cotton Co., umbrella cloth, Jewett City, Conn.  
 Ashland Emery & Corundum Co., E. Cambridge, Boston, Mass.  
 Ashland Fire Brick Co., Ashland, Ky.  
 Ashland Fire Brick Co., Ironton, Ohio.  
 Ashland Fdry. & Mach. Works, Ashland, Ky.  
 Ashland Graphite Co., Ashland, Ala.  
 Ashland Hardware Co., Ashland, Ohio.  
 Ashland Iron & Mining Co., Ashland, Ky.  
 Ashland Iron Wks., Ashland, Ore.  
 Ashland Iron Wks., 1604 W. Superior, Chicago, Ill.  
 Ashland Lime, Salt & Cement Co., masons' & bldrs. matls., Ashland, Wis.  
 Ashland Lumber Co., Ashland, Ky.  
 Ashland Mfg. Co., auto jacks, etc., Ashland, Ohio.  
 Ashland Mfg. Co., lumber, Ashland, Ore.  
 Ashland Mfg. Co., musical instrument strings, belting mfrs., etc., W. 43d & S. Hermitage av, Chicago, Ill.



- Ashland Milling Co., Ashland, Ky.  
 Ashland Oil Mill & Fertilizer Co., Ashland, Ala.  
 Ashland Paint Co., Huntington, W. Va.  
 Ashland Paper Co., Ashland, Wis.  
 Ashland Steel Co., Ashland, Ky.  
 Ashley, M. F., & Co., masons' & bldrs. matl., Attleboro. Mass.  
 Ashley Machine Wks., Rochester, N. Y.  
 Ashley, T. C., & Co., aniline colors, rubber substitutes, etc., Atlantic av, Boston, Mass.  
 Ashman, Geo., crushed stone, Osgood, Ind.  
 Ashman, S. A. & Son Co., iron forgings, 2300 E. Tioga, Phila., Pa.  
 Ashmead, Duffield, Jr., architect, 1529 Walnut, Phila., Pa.  
 Ashmore, Clifford, stencils, 210 Arch, Philadelphia, Pa.  
 Ashmore, R. W., & Sons, ties, Benhaden, Florida.  
 Ashmussen Mfg. Co., aeronautical motors, 266 Pearl, Providence, R. I.  
 Ashoyton Knitting Co., knitted gloves, Shelburne Falls, Mass.  
 Ashtabula Bow Socket Co., Ashtabula, Ohio.  
 Ashtabula Corrugated Box Co., Ashtabula, Ohio.  
 Ashtabula Hide & Leather Co., Ashtabula, Ohio.  
 Ashtabula Pail Co., Ashtabula, Ohio.  
 Ashtabula Shale Brick Co., Ashtabula, Ohio.  
 Ashton & Bridgeman, contractors, 58 Sutter, San Francisco, Cal.  
 Ashton Casket Co., Easton, Pa.  
 Ashton & Huntress, architects, 477 Essex, Lawrence, Mass.  
 Ashton, J. B., flour mills, Columbia, Tenn.  
 Ashton, J. H., & Co., drinking fountains, 271 Franklin, Providence, R. I.  
 Ashton, Laird & Co., welding apparatus, 607 W. 43d, New York.  
 Ashton Mfg. Co., burners, furnaces, torches, etc., 184 Emmet, Newark, N. J.  
 Ashton Valve Co., safety & relief valves, gauges, etc., 161 First, Cambridge, Mass.  
 Ashton-Whyte Stone Co., Salt Lake City, Utah.  
 Ashton, Wm. S., architect, 88 4th, Fall River, Mass.  
 Ashuelot Paper Co., Hinsdale, N. H.  
 Ashville Mica Co., Ashville, N. C.  
 Ashwell, G. Gouverneur, architect, 174 N. 9th, Newark, N. J.  
 Ashworth Bros., machsts., Fall River, Mass.  
 Ashworth's, J. E., Sons, horse blankets, West Brookville, N. Y.  
 Askew, W. S., Co., flour, lbr., Newman, Ga.  
 Askew Saddlery Co., Kansas City, Mo.  
 Askins & Dircks Lumber Co., Union City, Tenn.  
 Askwith, H. A., architect, 292 E. 45th, Portland, Ore.  
 Asmus & Norton, architects, Stahlman Bldg., Nashville, Tenn.  
 Aspaugh, J. A., brick & tile, Payne, Ohio.  
 Asphalt Block Pavement Co., Toledo, Ohio.  
 Asphalt Constr. Co., Madison av & 137th, New York.  
 Asphalt Ready Roofing Co., 9 Church, New York.  
 Asphalt Roof Coating Co., 127 Federal, Boston, Mass.  
 Asphalt Roofing Co., Saginaw, Mich.  
 Asphaltum & Oil Refining Co., Los Angeles, Cal.  
 Aspinwall, Geo. H., Inc., paints, chemicals, etc., 134 Holliday, Jersey City, N. J.  
 Aspinwall Mfg. Co., agricultural implements, Jackson, Mich.  
 Assau, W. F., Canning Co., Boston, cor. Streeter, Baltimore, Md.  
 Assay, Wilbur, architect, Asbury Park, N. J.  
 Assenmacher, W. J., Co., contractors, Lincoln, Neb.  
 Associated Automatic Sprinkler Co., 2216 Vine, Phila., Pa.  
 Associated Efficiency Engrs., 233 B'way, New York.  
 Associated Mfrs. Co., machsts. & fndrs., Waterloo, Ia.  
 Associated Oil Co., Sharon Bldg., San Francisco, Cal.  
 Associated Silver Co., cutlery mfrs., 5 S. Wabash av, Chicago, Ill.  
 Associated Supply Co., oil & gas well supplies, Sharon Bldg., San Francisco, Cal.  
 Associated Tanners' Machinery Co., hide & leather working machinery, mfrs., 424 Essex, Salem, Mass.  
 Associated Tile Mfrs., art, ceramic, enamelled, etc., Beaver Falls, Pa.  
 Astell, Geo. T., cornices & skylights, Buffalo, Wyo.  
 Astle, H. J., & Co., exhaust fans, polishing machines, etc., 118 Orange, Providence, R. I.  
 Astlett, H. A., & Co., crude rubber imps., 66 Beaver, New York.  
 Astley, T. M., masons' & bldrs. matls., Grand Ledge, Mich.  
 Astoria Boat Wks., & Marine Equipment Co., Inc., Astoria, L. I., N. Y.  
 Astoria Box Co., lumber, Astoria, Ore.  
 Astoria Casket Co., 16 Chestnut, Long Island City, N. Y.  
 Astoria Mach. Wks., 54 Fulton av, Astoria, N. Y.  
 Astoria Silk Wks., plushes, 727 Steinway av, Long Island City, N. Y.  
 Astoria Timber & Lumber Co., Astoria, Ore.  
 Astoria Veneer Mills & Dock Co., ft. Blackwell, Long Island City, N. Y.  
 At Last Washer Co., washing machs., Perry, Ia.  
 Atcheson, N. S., architect, David Whitney Bldg., Detroit, Mich.  
 Atchison Optical Co., Atchison, Kan.  
 Atchison Paving Brick Co., Atchison, Kan.  
 Atchison Revolving Door Co., sash, door & blind mfrs., 53 W. Jackson blvd., Chicago, Ill., and Independence, Kan.  
 Aten & Whitlan masons' & bldrs. matls., Ashtabula, Ohio.  
 Atchison Saddlery Co., Atchison, Kan.  
 Atchison, Thos. N., brick, Perla, Ark.  
 Atchley, P. S., flour mills, Ebenezer, Tenn.  
 Aten, Hy., machsts. & fndrs., Hope, N. J.  
 Atha Tool Co., Chapel, Newark, N. J.  
 Athenia Steel Co., 135 William, New York.  
 Athens Brick Co., Athens, Ohio.  
 Athens Brick & Tile Co., Athens, Tex.  
 Athens Brick & Tile Co., Athens, Wis.  
 Athens Foundry & Machine Works., Athens, Ga.  
 Athens Foundry & Machine Co., Athens, Ohio.  
 Athens Glass Co., Morgantown, W. Va.  
 Athens Hardware Co., Athens, Ga.  
 Athens Lumber Co., Athens, Ohio.  
 Athens Lumber Co., Morgantown, W. Va.  
 Athens Mach. Shop Co., Athens, N. Y.  
 Athens Mattress & Spring Bed Co., Athens, Ga.  
 Athens Pottery Co., Athens, Ga.  
 Athens Pressed Brick Co., Athens, Tex.  
 Athens Roller Mills, flour mills, Athens, Tenn.  
 Athens Stove Co., mfrs., Athens, Ohio.  
 Atherton, Fred L., Mach. Co., textile machy. supplies, etc. (warpers), Paterson, N. J.  
 Atherton, Fred L., Mach. Co., Paterson, N. J.  
 Atherton, G. W., masons' & bldrs. matls., Livermore, Ky.  
 Atherton, M., Sons, lbr., Anderson, Ind.  
 Atherton, Thos. H., Jr., architect, Coal Exchange Bldg., Wilkes-Barre, Pa.  
 Atherton, Walter, architect, 15 Exchange, Boston, Mass.  
 Athey Co., mfrs. weather strips, 17 E. 23rd, Chicago, Ill.  
 Athey Sanitary Equipment Co., 1907 Michigan av, Chicago, Ill.  
 Athol Comb Co., Athol, Mass.  
 Athol Machine Co., vices, machinery & fine tools, mfrs., Athol, Mass.  
 Athol Mfg. Co., blankets, cushions, leather, rubber sheeting, Athol, Mass.  
 Athol Pump Co., Athol, Mass.  
 Atkin, C. B., Co., sash, door & blind, Knoxville, Tenn.  
 Atkin-Lambert Co., fountain pen mfrs., 10 Cortlandt, New York.  
 Atkin, Wm. T., Jr., brick, Deerfield, Mich.  
 Atkins, Alfred, contractor, 1345 Montezuma, Pittsburgh, Pa.  
 Atkins Bros., hubs, spokes, etc., Attoway, Va.  
 Atkins & Co., toys, games, etc., 7 S. Mole, Philadelphia, Pa.  
 Atkins & Dubrow, peat moss, hoof packing, 157 Water, New York.  
 Atkins, E. C., & Co., saws, tools & machinery, 41 W. South, Indianapolis, Ind.  
 Atkins, Ed., contractor, 249 S. 24th, Philadelphia, Pa.  
 Atkins, H. C., Mfg. Co., machsts., 703 S. B'way, St. Louis, Mo.  
 Atkins, Kroll & Co., brick, 311 California, San Francisco, Cal.  
 Atkins & Pearce Mfg. Co., cordage mfrs., 5th & Eggleston av, Cincinnati, Ohio.  
 Atkinson, A. S. J., architect, 3801 Macomb, N. W., Washington, D. C.  
 Atkinson Box & Lumber Co., packing box mfrs., Hawley, Pa.  
 Atkinson Building Co., 239 Arcade Bldg., Norfolk, Va.  
 Atkinson Co., plumbers' brass goods, etc., 575 Lyell av, Rochester, N. Y.  
 Atkinson, Edw. G., architect, 434 State, Schenectady, N. Y.  
 Atkinson, Oloff, brick, Rock Island, Ill.  
 Atkinson, Hugh., contractor, Carbondale, Pa.  
 Atkinson, J. F., contractor, 610 S. B'way, Los Angeles, Cal.  
 Atkinson, J. W., contractor, Richmond, Va.  
 Atkinson, Jas. H., stone producer, 29th & Hampden av, Baltimore, Md.  
 Atkinson, Lyon S., contractor, Sunset blvd., Los Angeles, Cal.  
 Atkinson Lbr. & Real Estate Co., Evanston, Wyo.  
 Atkinson-Morse Destructor Co., 584 Hudson, New York.  
 Atkinson, P. W., canned goods, Berkeley Springs, W. Va.  
 Atkinson, W. H., architect, Mt. Vernon, Ill.  
 Atkinson, W. H., Co., steel structural wk., Hoboken, N. J.  
 Atkinson-Williams Hardware Co., Fort Smith, Ark.  
 Atlanta Art Glass & Decorating Co., Atlanta, Ga.  
 Atlanta Canning Co., Atlanta, Ind.  
 Atlanta Canning Co., Atlanta, N. Y.  
 Atlanta Casket Co., Atlanta, Ga.  
 Atlanta Contracting Co., 230 E. 42d, New York.  
 Atlanta Cotton Oil Co., cottonseed meal, Atlanta, Ga.  
 Atlanta Envelope Co., Atlanta, Ga.  
 Atlanta Gas Light Co., paving, roofing pitch & tar mfrs., Atlanta, Ga.  
 Atlanta Hardwood Lumber Co., Atlanta, Ga.  
 Atlanta Marble & Granite Co., Atlanta, Ga.  
 Atlanta Metal Bed Co., Atlanta, Ga.  
 Atlanta Milling Co., flour, Atlanta, Ga.  
 Atlanta Paper Co., Atlanta, Ga.  
 Atlanta Plow Co., Atlanta, Ga.  
 Atlanta Steam Heating Co., Atlanta, Ga.  
 Atlanta Stove Works, Atlanta, Ga.  
 Atlanta Table Co., desks, Atlanta, Ga.  
 Atlanta Tent & Awning Co., Atlanta, Ga.  
 Atlanta Terra Cotta Co., Atlanta, Ga.  
 Atlanta Tile & Brick Co., Atlanta, Ohio.  
 Atlanta Tin Plate & Sheet Mills, Atlanta, Ind.  
 Atlanta Utility Wks., machsts. & fndrs., East Point & Atlanta, Ga.  
 Atlanta Variety Works, cloth mops, Atlanta, Ga.  
 Atlanta Wood & Iron Novelty Co., Atlanta, Ga.  
 Atlanta Wire & Iron Wks., Atlanta, Ga.  
 Atlanta Woodenware Co., wood handles, Atlanta, Ga.  
 Atlantic Bag Co., second-hand bags, 243 Water, New York.



- Atlantic Basin Iron Wks., machsts., Summit, Brooklyn, N. Y.  
 Atlantic Bithulithic Co., Richmond, Va.  
 Atlantic Boat Co., launch & yacht motor boat bldrs., Amesbury, Mass.  
 Atlantic Box & Lbr. Co., 814 E. 5th, New York.  
 Atlantic Brick Mfg. Co., May's Landing, N. J.  
 Atlantic Brick Mfg. Co., 1218 Chestnut, Philadelphia, Pa.  
 Atlantic Brick & Tile Co., Atlantic, Iowa.  
 Atlantic Can Co., 2126 Boston, Baltimore, Md.  
 Atlantic Canning Co., Atlantic, Ia.  
 Atlantic Canning Co., Eastport, Me.  
 Atlantic Canning Co., Rehoboth Beach, Del.  
 Atlantic Chemical Co., fertilizer mfrs., Columbia, S. C., and Macon, Ga.  
 Atlantic City Plumbing Supply Co., Atlantic City, N. J.  
 Atlantic Coal & Coke Co., Tunnelton, W. Va.  
 Atlantic Coast Co., Inc., ship bldrs., Thomaston, Me.  
 Atlantic Coast Hardware Co., 134 Pearl, Boston, Mass.  
 Atlantic Coast Lbr. Corp., 1784 B'way, New York.  
 Atlantic Coast Sand Co., 24 Stone, New York.  
 Atlantic Coffin & Casket Co., Rosehill, N. C.  
 Atlantic Communication Co., wireless tel. instruments, 47 West, New York.  
 Atlantic Co., sash chains, 470 17th, Brooklyn, N. Y.  
 Atlantic Constr. & Supply Co., Atlantic City, N. J.  
 Atlantic Creosoting & Wood Preserving Wks., Norfolk, Va.  
 Atlantic Dock Co., 1 N Pier, Atlantic Basin, Brooklyn, N. Y.  
 Atlantic Drier & Varnish Co., Meadow & Wolf, Philadelphia, Pa., and 3909 Sheridan, Chicago, Ill.  
 Atlantic Electric Vehicle Co., 893 Freylinhuysen av, Newark, N. J.  
 Atlantic Engine Co., emery grinders, Meadville, Pa.  
 Atlantic Filter Co., Marine Nat. Bank Bldg., Buffalo, N. Y.  
 Atlantic Foundry Co., Akron, Ohio.  
 Atlantic Foundry Co., Morgan av & Groton, Cleveland, Ohio.  
 Atlantic Gulf & Pacific Co., contractors, Park Row Bldg., New York, and Houston, Tex.  
 Atlantic & Gulf Portland Cement Co., Ragland, Ala.  
 Atlantic Insulated Wire & Cable Co., Stanford, Conn.  
 Atlantic Iron Wks., machsts., 441 11th av, Brooklyn, N. Y.  
 Atlantic Iron Wks., machsts. & fndrs., Norfolk, Va.  
 Atlantic Isinglass Co., Boston, Mass.  
 Atlantic Knitting Mills, sweaters, 1270 B'way, New York.  
 Atlantic Leather Co., 173 Wright, Newark, N. J.  
 Atlantic Lumber Co., 70 Kilby, Boston, Mass.  
 Atlantic Machine Screw Co., 48 Binford, Boston, Mass.  
 Atlantic Mfg. Co., screw mach. prod., Bridgeport, Conn.  
 Atlantic Mfg. Co., mill & facty. supplies, Wilmington, Del.  
 Atlantic Mills, woolen flannels, 120 Manton av, Providence, R. I.  
 Atlantic Paint Co., Cleveland, Ohio.  
 Atlantic Radiator Co., Huntington, Pa.  
 Atlantic Refining Co., oil, Cleveland, Ohio.  
 Atlantic Refining Co., oil mfrs., 3144 Passyunk av, Phila., Pa.  
 Atlantic Rice Mills Co., Beaumont, Tex.  
 Atlantic Rubber Co., bulbs & sheetings, Atlantic, Mass.  
 Atlantic Rubber Co., Linden, Boston, Mass.  
 Atlantic Screw Wks., Hartford, Conn.  
 Atlantic Show Case Co., 6 Franklin av, Brooklyn, N. Y.  
 Atlantic Southwestern Broom Co., 2d & Toone, Baltimore, Md.  
 Atlantic Stamping Co., hollow ware mfrs., 156-180 Ames, Rochester, N. Y.  
 Atlantic Starch Wks., Westport, Conn.  
 Atlantic Steel Casting Co., Chester, Pa.  
 Atlantic Steel Co., Atlanta, Ga.  
 Atlantic Terra Cotta Co., 1170 B'way, New York.  
 Atlantic Tile Mfg. Co., ceramic, Matawan, N. J.  
 Atlantic Tubing Co., 1756 Cranston, Providence, R. I.  
 Atlantic Turpentine & Pine Tar Co., Savannah, Ga.  
 Atlantic Type Fdry. Co., 190 Congress, Philadelphia, Pa.  
 Atlantic Varnish Works, varnish mfrs., Richmond, Va.  
 Atlantic Wire Co., Branford, Conn.  
 Atlantic Wire & Iron Wks., 1638 Fulton, Chicago, Ill.  
 Atlantic Wood Heel Co., 322 Van Buren, Brooklyn, N. Y.  
 Atlantic Wks., mchsts. & fdrs., 80 Border, E. Boston, Mass.  
 Atlas Auto Supply Co., metal polish, 656 W. Austin av, Chicago, Ill.  
 Atlas Ball Co., limit gauges, brass & steel balls, 4th & Glenwood av, Philadelphia, Pa.  
 Atlas Bolt & Screw Co., 1000 Ivanhoe rd, Cleveland, O.  
 Atlas Brass Fdry., 155 A. S. B. Boston, Mass.  
 Atlas Brass Fdry. Co., 112 Greenpoint av, Brooklyn, N. Y.  
 Atlas Brass Fdry. Co., 991 S. Front, Columbus, Ohio.  
 Atlas Brass Mfg. Co., mchsts. & fdrs., 326 Lakeside av, N. W., Cleveland, Ohio.  
 Atlas Brass Works, 431 Folsom, San Francisco, Cal.  
 Atlas Brick Co., El Paso, Tex.  
 Atlas Building Co., 219 W. 7th, Los Angeles, Cal.  
 Atlas Building Material Co., Hudson & Newburgh, N. Y.  
 Atlas Button Wks., 22 W. 22d, New York.  
 Atlas Car & Mfg. Co., cars & electric locomotives, Cleveland, O. *See adv index at end of book.*  
 Atlas Cereal Co., 1200 W. 8th, Kansas City, Mo.  
 Atlas Coal & Supply Co., masons' & bldrs. matls., Binghamton, N. Y.  
 Atlas Co., roofing cements, asbestos, & compounds, Lincoln, N. J.  
 Atlas Constr. Co., Youngstown, Ohio.  
 Atlas Crucible Steel Co., Dunkirk, N. Y.  
 Atlas Drop Forge Co., Lansing, Mich.  
 Atlas Dryer Co., Cleveland, Ohio.  
 Atlas Engineering Co., lime hydrators, structural steel & plate work, etc., Amburst, Ohio. *See adv index at end of book.*  
 Atlas Eng'n'g Co., concrete mixers, 3009 Lisbon av, Milwaukee, Wis.  
 Atlas Floor Co., sanitary flooring mfrs., 2401 Normal av, Chicago, Ill.  
 Atlas Foundry Co., 234 Military av, Detroit, Mich.  
 Atlas Foundry Co., Marion, Ind.  
 Atlas Foundry & Machine Co., Tacoma, Wash.  
 Atlas Gas Engine Co., Oakland, Cal.  
 Atlas Heating & Ventilator Co., 72 Freelow, San Francisco, Cal.  
 Atlas Laundry Machy. Co., 6th & Baymiller, Cincinnati, Ohio.  
 Atlas Lumber Co., Atlas Bldg., Seattle, Wash.  
 Atlas Mach. Co., Louisville, Ky.  
 Atlas Mach. Co., 7 Eddy, Providence, R. I.  
 Atlas Mach. Co., Waterbury, Conn.  
 Atlas Mach. & Tool Wks., Front & Pike, Cincinnati, Ohio.  
 Atlas Mfg. Co., auto crankshafts, etc., Fostoria, Ohio.  
 Atlas Mfg. Co., cotton sheetings, Bessemer City, N. C.  
 Atlas Mfg. Co., hware. mfrs., New Haven, Conn.  
 Atlas Metal Parts Co., sheet metal stampings, 998 15th, Milwaukee, Wis.  
 Atlas Metal Wks., Dallas, Tex.  
 Atlas Mineral Products Co., slate flour, soapstone, talc, etc., Lincoln, N. J.  
 Atlas Mixed Mortar Co., Los Angeles, Cal.  
 Atlas Mixed Mortar Co., masons' & bldrs. matls., Ry. Exch. Bldg., Portland, Ore.  
 Atlas Oil Co., Rose Bldg., Cleveland, Ohio.  
 Atlas Paint Co., 101 Park av, New York.  
 Atlas Paint Co., Sharpsburg, Pa.  
 Atlas Paper Co., Indianapolis, Ind.  
 Atlas Paving Brick Co., Hollister & Griffith, San Francisco, Cal.  
 Atlas Portland Cement Co., 134 N. La Salle, Chicago, Ill.  
 Atlas Portland Cement Co., 30 Broad, New York.  
 Atlas Powder Co., dynamite, powder & explosives mfrs., Du Pont Bldg., Wilmington, Del.  
 Atlas Preservative Co. of Am., weed killers, boiler compounds, etc., 95 Liberty, New York.  
 Atlas Press Brick Wks., Dallas, Tex.  
 Atlas Press Co., arbor presses, 323 N. Park, Kalamazoo, Mich.  
 Atlas R. R. Supply Co., 431 S. Dearborn, Chicago, Ill.  
 Atlas Roofing Co., cornices, Newburgh, N. Y.  
 Atlas School Supply Co., composition blackboards, 531 S. Peoria, Chicago, Ill.  
 Atlas Shear Co., Bridgeport, Conn.  
 Atlas Steel Casting Co., Buffalo, N. Y.  
 Atlas Steel Column Mfg. Co., 212 N. 10th, Brooklyn, N. Y.  
 Atlas Supply Co., mill & facty. & plumbers' supplies, Muskogee, Okla.  
 Atlas Tack Co., nails, rivets & tacks, Fairhaven, Mass.  
 Atlas Wall Plaster Co., Louisville, Ky.  
 Atlas Wash Tray Co., cement wash tray mfrs., New Haven, Conn.  
 Atlas Welding Works, Rahway, N. J.  
 Atsatt Bros., coffee & peanut roasters, Mattapoisett, Mass.  
 Atshuler Bros., umbrella mfrs., 374 B'way, New York.  
 Attacho Light Co., elec. lanterns, Syndicate Trust Bldg., St. Louis, Mo.  
 Attalia Foundry & Mach. Co., Attalia, Ala.  
 Atteaux, F. E., & Co., chemicals, 174 Purchase, Boston, Mass.  
 Atterbury Bros., casein, 145 Nassau, New York.  
 Atterbury Grosvenor, architect, 20 W. 43d, New York.  
 Atterbury Motor Car Co., Buffalo, N. Y.  
 Attica Lbr. Co., Attica, Ind.  
 Attley, J. M., Co., mchsts. & fndrs., 11 S. La Salle, Chicago, Ill.  
 Attoyac River Lumber Co., Houston, Texas.  
 Attwell Cornice Co., Ft. Worth, Tex.  
 Attwood Brass Wks., machsts., Grand Rapids, Mich.  
 Atwater, D., & Son, masons' & bldrs. matls., Massillon, Ohio.  
 Atwater & Dow, common brick, South Amherst, Mass.  
 Atwater, E. C., & Co., cornices, Springfield, Mass.  
 Atwater-Kent Mfg. Works, gas igniters, 4937 Stenton av, Philadelphia, Pa.  
 Atwater Mfg. Co., bolt, nut & rivet, Plantsville, Conn.  
 Atwater Mfg. Co., h'dwe mfrs. (carriage), auto., etc., Southington, Conn.  
 Atwater, S. I., advtg. nov., 101 Lafayette, New York.  
 Atwater, W. H., & Sons, lumber mfrs., Garfield, N. Y.  
 Atwater, W. J., Co., masons' & bldrs. matls., New Haven, Conn.  
 Atwood Anthony, masons' & bldrs. matls., Plymouth, Mass.  
 Atwood, C. W., masons' & bldrs. matls., Watertown, Conn.  
 Atwood, Crawford Co., textile machy., Pawtucket, R. I.  
 Atwood Davis Sand Co., 112 W. Adams, Chicago, Ill.  
 Atwood, F. H., Lumber Co., Cairo, Ill.  
 Atwood, Frank W., aniline colors, Boston, Mass.  
 Atwood, Harrison H., architects, Dorchester, Boston, Mass.  
 Atwood-Jones Mfg. Co., machinists, Stillwater, Minn.  
 Atwood & McManus Box Co., Chelsea, Mass.  
 Atwood Machine Co., Stonington, Conn.  
 Atwood & Morrill, regulators, valves, etc., Salem, Mass.  
 Atwood River Canning Co., Valona, Ga.  
 Atwood-Robbins Lumber Co., masons' & bldrs. matl., Plymouth, Mass.  
 Atwood Vacuum Cleaner Co., Rockford, Ill.  
 Atyeo Bros., masons' & bldrs. matls., Sullivan, Ohio.  
 Aubeauf, Frank J., Inc., hand carts, Onelda, N. Y.



- Aubel, F. & E., iron, 2505 Germtn., Philadelphia, Pa.  
 Aubertin, Jos. F., tex. machy., roll coverers, New Bedford, Mass.  
 Aubin, Wilfrid, contractor, Woonsocket, R. I.  
 Aubrey, C. H., flour mills, Stithton, Ky.  
 Auburn Automobile Co., Auburn, Ind.  
 Auburn Ball Bearing Co., 26 Elizabeth, Rochester, N. Y.  
 Auburn Brick Tile & Cement Co., Auburn, Ill.  
 Auburn Brick & Tile Co., Auburn, Ia.  
 Auburn Brush Co., cloth mops, etc., Auburn, Me.  
 Auburn Button Works, Auburn, N. Y.  
 Auburn Canning Co., Auburn, Neb.  
 Auburn Fndry., Auburn, Ind.  
 Auburn Handle Co., Auburn, Ind.  
 Auburn Hardware Co., Auburn, Ind.  
 Auburn Ignition Mfg. Co., Auburn, N. Y.  
 Auburn Leather Goods Co., packings, etc., Auburn, N. Y.  
 Auburn Lumber Co., Auburn, Ind.  
 Auburn Mach. & Auto. Garage, Auburn, Ind.  
 Auburn Mfg. Co., bodies & seats, wood (auto., carriages, etc.), Auburn, Ind.  
 Auburn Mills, flour, Auburn, Ky.  
 Auburn Shale Brick Co., Auburn, Pa.  
 Auburn Wagon Co., delivery, Martinsburg, W. Va.  
 Auburn Wheel & Mfg Co., Auburn, R. I.  
 Auburndale Hardware Co., Toledo, Ohio.  
 Aucutt Bros., masons' & bldrs. matls., Aurora, Ill.  
 Audebert Wall Paper Mill, 1807 Foster av, Chicago, Ill.  
 Audubon Canning Co., Audubon, Ia.  
 Audubon Wire Cloth Co., Audubon, N. J.  
 Aue Ferdinand Co., machsts., 401 E. 91st, New York.  
 Auer, C. A., leather, Corry, Pa.  
 Auer, F. E., cornices, 3507 N. 22d, St. Louis, Mo.  
 Auer, John B., machsts., Trenton, N. J.  
 Auer, John, Jr., heavy hdwe., bolts, hinges, hooks, etc., 197 Middleton, Brooklyn, N. Y.  
 Auer Register Co., 403 Long av, N. W., Cleveland, Ohio.  
 Aufderheide, Fred, brick, New Ulm, Minn.  
 Aufruchtig, Alois, coppersmith, 220 Lombard, St. Louis, Mo.  
 Aughenbaugh, B. A., carriages, Urbana, Ohio.  
 Aughinbaugh Canning Co., ft. Lawrence, Baltimore, Md.  
 Auginbaugh, H. C., masons' & bldrs. matls., Wellsville, Ohio.  
 Auglaize Box Board Co., Saint Marys, Ohio.  
 Auglaize Cooperage & Lbr. Co., Minster, Ohio.  
 Auglaize Motor Car Co., New Bremen, Ohio.  
 Augmore Mfg. Co., gasoline & water heaters, stocks & dies, etc., 5407 Sweeney av, Cleveland, Ohio.  
 Augne Plow Co., Dayton, Ohio.  
 Augstein, S., & Co., gloves, sweaters, etc., 352 4th av, New York.  
 Augur, Chas. E., Co., contractors, 549 Elm, New Haven, Conn.  
 Augusta Bedding Co., hair mattresses, Augusta, Ga.  
 Augusta Broom Works, Augusta, Ga.  
 Augusta Factory, cotton duck & canvas, Augusta, Ga.  
 Augusta Hardware Co., Augusta, Ga.  
 Augusta Lbr. Co., Augusta, Me.  
 Augusta Milling Co., flour, Augusta, W. Va.  
 Augusta Milling & Mercantile Co., flour, Mossy Creek, Va.  
 Augusta Mutual Telephone Co., Augusta, Ill.  
 Augusta Stove Fdry., Augusta, Ky.  
 Augusta Trunk Factory, Augusta, Ga.  
 Augusta Veneer Co., Augusta, Ga.  
 Augustine Automatic Rotary Engine Co., Buffalo, N. Y.  
 Augustine, Charles, architect, Kenosha, Wis.  
 Augustine, T. C., boilers, St. Joseph, Mo.  
 Augustine, U. G., Fdry. & Mfg. Co., 15th & St. Elmo, Los Angeles, Cal.  
 Auld & Blackman, machsts., 819 Bryant, San Francisco, Cal.  
 Auld Co., pressure reducing valves, Thompson & 12th, Phila., Pa.  
 Auld & Conger Co., ldry tubs, slate mantels, roofing slate, etc., 942 Prospect, Cleveland, Ohio.  
 Auld & Conger Co., roofing slate mfrs., Poultney, Vt.  
 Aulds, J. F., Sons, carriages, Elberton, Ga.  
 Auler, Henry, architect, Oshkosh, Wis.  
 Aull Bros. Co., wood dishes, Dayton, Ohio.  
 Ault & Wiborg Co., printing inks, etc., 432 New, Cincinnati, O.  
 Ault Wooden Ware Co., Cincinnati, Ohio.  
 Aultman, T. G., Steam Pump Wks., machsts. & fndrs., Fairmont, W. Va.  
 Aultman & Taylor Machinery Co., agricultural implements, Mansfield, Ohio.  
 Aumen Machy. Co., machy. dlr., 107 E. Lombard, Baltimore, Md.  
 Aumond Stump Machine Co., stump pullers, Cedar Springs, Mich.  
 Aurentz, Raymond J., architect, 921 Barr, Ft. Wayne, Ind.  
 Aurora Automatic Machy. Co., motor cycles, 1307 Michigan av, Chicago, Ill.  
 Aurora Brick Wks., Aurora, Ill.  
 Aurora Coffin Co., Aurora, Ind.  
 Aurora Cornice Wks., Aurora, Ill.  
 Aurora Cotton Mills, flannels, Burlington, N. C.  
 Aurora Cotton Mills Co., sheetings, Aurora, Ill.  
 Aurora Door Hanger & Spec. Co., Aurora, Ill.  
 Aurora Fdry. Co., Aurora, Ill.  
 Aurora Mantle & Lamp Co., Aurora, Ill.  
 Aurora Metal Co., machsts. & fndrs., Aurora, Ill.  
 Aurora Milling Co., flour, Aurora, Mo.  
 Aurora Steel Products Co., junction boxes, Aurora, Ill.  
 Aurora Tool Wks., Aurora, Ind.  
 Ausable Horse Nail Co., Keeseville, N. Y.  
 Ausfeld, Fred'k, architect, Bell Bldg., Montgomery, Ala.  
 Auslander, Alfred, architect, 1750 Topping, New York.  
 Ausmus, W. Mc., Co., flour mills, La Follette, Tenn.  
 Austell Swing & Ladder Co., Austell, Ga.  
 Austen, J. I., Co., toys, games & nov., 1323 Michigan av, Chicago, Ill.  
 Austin, A. H., contractor, Webster City, Ia.  
 Austin, A. N., architect, 365 Spahr, Pittsburgh, Pa.  
 Austin Automobile Co., Grand Rapids, Mich.  
 Austin Bros., contractors, Atlanta, Ga.  
 Austin Bros., steel structural wk., Dallas, Tex.  
 Austin Bros., masons' & bldrs. matls. & whol. hwde., Stockton, Cal.  
 Austin Canning Co., Austin, Ind.  
 Austin Co., contractors, 14230 Euclid av, Cleveland, Ohio.  
 Austin Co., contractors, 1535 Naomi, Indianapolis, Ind.  
 Austin Const. Co., Matthews Bldg., Milwaukee, Wis.  
 Austin Dog Bread & Animal Food Co., Chelsea, Mass.  
 Austin & Doten, wholesale hardware, 102 North, Boston, Mass.  
 Austin & Eddy, bldrs. hdwe. & machy., 117 Broad, Boston, Mass.  
 Austin, F. A., Pattern Co., Syracuse, N. Y.  
 Austin, F. C., Drainage Excavator Co., Railway Exchange Bldg., Chicago, Ill.  
 Austin Fdry. Co., Alexandria, Minn.  
 Austin, Frank, Co., lbr., Mendon, Mich.  
 Austin, Frank Lyman, architect, Burlington, Vt.  
 Austin, H. N., architect, Jackson, Miss.  
 Austin Hdwe. Co., Terre Haute, Ind.  
 Austin, J. C., architect, 412 W. 6th, Los Angeles, Cal.  
 Austin, John, & Sons, smelters & refiners, 74 Clifford, Providence, R. I.  
 Austin, M. B. & Co., conduit benders & junction boxes, 706 W. Jackson bld., Chicago, Ill.  
 Austin, M. E., & Co., mill & facty. supplies, Lawrence, Mass.  
 Austin Mach. Wks., 1821 N. 5th, Philadelphia, Pa.  
 Austin Mfg. Co., machsts., 910 S. Michigan av, Chicago, Ill.  
 Austin Mill & Grain Co., flour, Brownwood, Tex.  
 Austin Oil Mfg. Co., meal, Austin, Tex.  
 Austin Organ Co., pipe organ mfrs., 158 Woodland, Hartford, Conn.  
 Austin, Sam'l. & Son Co., contractors, 14230 Euclid av, Cleveland, Ohio.  
 Austin & Sanford, architects, Hearst Bldg., San Francisco, Cal.  
 Austin Separator Co., 97-101 Woodbridge av, Detroit, Mich.  
 Austin & Shambleau, architects, J. M. S. Bldg., South Bend, Ind.  
 Austin & Son, machsts., Grand Rapids, Mich.  
 Austin Trunk Factory, Austin, Tex.  
 Austin, W. E., Machy. Co., Atlanta, Ga.  
 Austin, W. H., architect, Long Beach, Cal.  
 Austin-Warren Co., whip mfrs., Westfield, Mass.  
 Austin-Western Road Machinery Co., 910 S. Michigan, Chicago, Ill.  
 Austin White Lime Co., Austin, Tex.  
 Austin, Wm. E., architect, 46 W. 24th, New York.  
 Austro-American Magnesite Co., 208 S. La Salle, Chicago, Ill.  
 Autauga Oil & Fertilizer Co., Prattville, Ala.  
 Auth Elec'l Specialty Co., annunciators, Ansonia, Conn.  
 Auth Elec'l Spec. Co., 25 Howard, New York.  
 Auto. Accessories Co., 816 W. North av, Baltimore, Md.  
 Auto. Aero Sheet Metal Wks., cornices, New Haven, Conn.  
 Auto. Body Co., Lansing, Mich.  
 Auto. Brass Mfg. Co., 56 Friendship, Providence, R. I.  
 Auto. Castings Co., gray iron castings, Scranton rd, Cleveland, Ohio.  
 Auto Comfort Robe Co., Gloversville, N. Y.  
 Auto. Compressor Co., Wilmington, Ohio.  
 Auto. Crankshaft Co., Jackson, Mich.  
 Auto. Directories Co., trade publications, 148 W. 52d, New York.  
 Auto. Engine Wks., University & Griggs, St. Paul, Minn.  
 Auto. Equipment Co., spark plugs, Detroit, Mich.  
 Auto. Equipment Co., compounds, valve grinding, East Orange, N. J.  
 Auto-Fedan Hay Press Co., 1603 Wyoming, Kansas City, Mo.  
 Auto. Fender & Radiator Wks., 466 Golden Gate av, San Francisco, Cal.  
 Auto. Lamp & Radiator Co., auto. fenders, 1614 Prospect, Cleveland, Ohio.  
 Auto. Marine Machine Wks., machsts. & fndrs., Tacoma, Wash.  
 Auto. Parts Mfg. Co., 528 B'way, Milwaukee, Wis., and Sioux City, Iowa.  
 Auto. Plating & Mfg. Co., Cleveland, Ohio.  
 Auto. Pneumatic Action Co., 627 W. 50th, New York.  
 Auto. Remodeling Co., auto. wood bodies, 1505 S. Michigan av, Chicago, Ill.  
 Auto. Sheet Metal Wks., 2420 W. 22d, Chicago, Ill.  
 Auto. Specialties Co., auto. wind shields, E. E. Jenkins Arcade, Pittsburgh, Pa.  
 Auto. Spec. Mfg. Co., Joliet, Ill.  
 Auto. Steve Works, New Athens, Ill.  
 Auto. Strop Safety Razor Co., 345 5th av, New York.  
 Auto. Supply Co., 1789 B'way, New York.  
 Auto Supply Co., spark plugs, 1335 Mich. av, Chicago, Ill.  
 Auto Supply Mfg. Co., fire alarms, 220 Taaffe pl, Brooklyn, N. Y.  
 Auto Tire Vulcanizing Co., Lowell, Mass.  
 Auto Top Mfg. Co., 425 Golden Gate av, San Francisco, Cal.  
 Auto Trunk Rack Mfg. Co., 94 Reade, New York.



- Auto Vacuum Freezer Co., 25 W. B'way, New York.  
 Auto Wheel Co., Lansing, Mich.  
 Autocall Co., fire alarms, etc., Shelby, Ohio.  
 Autocar Co., automobile bldrs., Ardmore, Pa.  
 Autocoil Co., 136 7th av, Jersey City, N. J.  
 Autofiller Pen Co., Toledo, Ohio.  
 Autoforce Ventg. System, 53 Devonshire, Boston, Mass.  
 Autogenous Welding Devices Co., 16th & Locust, Kansas City, Mo.  
 Autogenous Welding Equip. Co., Springfield, Mass.  
 Autographic Register Co., machsts., Hoboken, N. J.  
 Autographic Register Co. of San Francisco, 38 Clementina, San Francisco, Cal.  
 Autoine Lumber Co. (Ltd.), Jonesboro, La.  
 Automatic Adding Machine Co., adding machines, 148 Duane, New York.  
 Automatic Appliance Co., annunciators, machy. bells, etc., 172 Columbus av, Boston, Mass.  
 Automatic Bookkeeping Register Co., S. E. Cor. 18th & Wyandotte, Kansas City, Mo.  
 Automatic Box Machy. Concern, 270 Congress, Boston, Mass.  
 Automatic Buffing Mach. Co., lathes, Buffalo, N. Y.  
 Automatic Button Co., Muscatine, Ia.  
 Automatic Cable Clamp Co., Donora, Pa.  
 Automatic Carrier Co., Juneau, Wis.  
 Automatic Chemical Closet Co., 1417 Wash av, N., Minneapolis, Minn.  
 Automatic Coin Wrapping Mach. Co., 80 Greenwich, New York.  
 Automatic Concrete Mixer Co., 44 Whitehall, New York.  
 Automatic Cradle Mfg. Co., Stevens Point, Wis.  
 Automatic Door Catch Co., Harvey, Ill.  
 Automatic Door Rail Co., Hillsdale, Mich.  
 Automatic Drill Chuck Corp., 519 Hillger, Detroit, Mich.  
 Automatic Elec. Co., tele. condensers & apparatus, 1001 W. Van Buren, Chicago, Ill.  
 Automatic Electric Pump Co., Davenport, Ia.  
 Automatic Electric Washer Co., Newton, Ia.  
 Automatic Electric Welder Co., welding mach. mfrs., 618 W. Jackson blvd, Chicago, Ill.  
 Automatic Enunciator Co., hospital signals, 1001 W. Van Buren, Chicago, Ill.  
 Automatic Faucet & Spigot Co., Saginaw, Mich.  
 Automatic File & Index Co., filing cabinets & devices, Green Bay, Wis.  
 Automatic Fire Alarm Co., Bradford, Pa.  
 Automatic Fire Detector Co., 1845 B'way, New York.  
 Automatic Fusible Lightning Arrester Co., Colorado Springs, Col.  
 Automatic Lock Cover Corp., 38 E. 21st, New York  
 Automatic Machine Co., Bridgeport, Conn.  
 Automatic Mach. Co., 497 5th, San Francisco, Cal.  
 Automatic Mach. & Tool Co., 210 N. Ann, Chicago, Ill.  
 Automatic Packing & Labeling Co., packing machines, 5520 2d av, Brooklyn, N. Y.  
 Automatic Pencil Sharpener Co., 58 E. Washington, Chicago, Ill.  
 Automatic Pivot Gate Co., Waverly, O.  
 Automatic Printing Press Co., 913 W. Van Buren, Chicago, Ill.  
 Automatic Racking Mach. Co., Ft. 28th, Chicago, Ill.  
 Automatic Re-closing Circuit Breaker Co., 38 N. Water, Columbus, Ohio.  
 Automatic Refrigerating Co., mchsts. & fndrs., Hartford, Conn.  
 Auto. Registering Mach. Corp., voting machs., Jamestown, N. Y.  
 Automatic Rotary Pump Co., Bible House, New York.  
 Automatic Sash Holder Mfg. Co., 50 Church, New York.  
 Automatic Sealing Vault Co., burial cases, Peru, Ind.  
 Automatic Sprinkler Co., automatic sprinkler mfrs., 123 William, New York.  
 Automatic Stamping & Machine Co., mchsts. & fdrs., 7803 Madison, Cleveland, Ohio.  
 Automatic Steam Trap & Spec. Co., 316 Harper av, Detroit, Mich.  
 Automatic Strapping Mach. Co., 275 Water, New York.  
 Automatic Stucco Mach. Co., 51 E. 42d, New York.  
 Automatic Switch Co., 4 White, New York.  
 Automatic Target Mach. Co., 203 Fulton, New York.  
 Automatic Tile Mach. Co., Cincinnati, Ohio.  
**AUTOMATIC TIME STAMP CO.** (automatic time recording & computing machines for all divisions of time & for all purposes, also automatic electric clocks), 159 Congress, Boston, Mass.  
 Automatic Transportation Co., 2933 Main, Buffalo, N. Y.  
 Automatic Trolley Guard Co., 65 Carroll, Buffalo, N. Y.  
 Automatic Vacuum Pump Co., vacuum htg., 223 W. Erie, Chicago, Ill.  
 Automatic Vent. Co., 2 Rector, New York.  
 Automatic Weighing Mach. Co., 138 Commerce, Newark, N. J.  
 Automatic Woven Wire Supply Co., Mangin & Delancey, New York.  
 Automobile, The, trade publication, 239 W. 39th, New York.  
 Automobile Const. & Engng. Co., piston rings, 3325 Chestnut, Philadelphia, Pa.  
 Automobile Dealer & Repairer Co., 71 Murray, New York.  
 Automobile Journal Publishing Co., Pawtucket, R. I.  
 Automobile Topics, trade publication, 1790 B'way, New York.  
 Autoparts Mfg. Co., Detroit, Mich.  
 Autophone Co., mechl. organs, Ithaca, N. Y.  
 Autopiano Co., 653 W. 51st, New York.  
 Autopress Co., printing presses & machy., 95 Madison av, New York.  
 Autosales Gum & Chocolate Co., 96 Spring, New York.  
 Autotone Player Piano Co., 542 W. 52d, New York.  
 Autoyre Co., wire goods & metal novelties, Oakville, Conn.  
 Autrey, D. A. & Son, lumber, Autreyville, Ga.  
 Autrey & Tyndall, turpentine, Autreyville, Ga.  
 Auxer, A. J., contractor, Lancaster, Pa.  
 Auxiliary Fire Alarm Co., 144 Oliver, Boston, Mass.  
 Available Truck Co., 1539 N. Kilpatrick, Chicago, Ill.  
 Averbeck, M. J., silver novelties, 10 maiden la, New York.  
 Averill, F. L., engineer, Library of Congress, Washington, D. C.  
 Averill Paint Co., 240 Plymouth, Brooklyn, N. Y.  
 Avery, A. M. & Son, wholesale hardware, mill & factory supplies, Pensacola, Fla.  
 Avery, B. F. & Sons, agricultural implements, Louisville, Ky.  
 Avery Chemical Co., 88 Broad, Boston, Mass.  
 Avery Co., mill & facty. supplies, Atlanta, Ga.  
 Avery Co., agricultural implements & automobile builders, engines, etc., Peoria, Ill.  
 Avery & Co., mill & facty. supplies, 48 3rd, Portland, Ore.  
 Avery, Frank F., mattresses, Framingham, Mass.  
 Avery Lester, Clearwater, Fla.  
 Avery, M. E., Co., mill & facty. supplies, Watertown, N. Y.  
 Avery, Philip S., architect, 120 Tremont, Boston, Mass.  
 Avery Rock Salt Mining Co., Scranton, Pa.  
 Avery, Saul, sheet metal dealers, 207 Congress, Boston, Mass.  
 Avery, Walter B., contractor, 632 G., NW., Washington, D. C.  
 Avery's, F. P., Sons, mchsts. & fndrs., Tukhannock, Pa.  
 Avis, A. R., fly traps, Pomona, Cal.  
 Avis Milling Co., buckwheat flour, Waldron, Mich.  
 Avis, S. R. & Sons, gun barrels, 198 Brown, New Haven, Conn.  
 Aviston Condensed Milk Co., Aviston, Ill.  
 Avlor Bros., flour mills, Culpeper, Va.  
 Avoca Mfg. Co., bobbins, spools, wire reels, Avoca, N. Y.  
 Avoca Wheel Co., Avoca, N. Y.  
 Avon Milling & Mfg. Co., flour, Avon, Ill.  
 Avon Mills, cotton sheeting, Gastonia, N. C.  
 Avon Mills Co., cotton damasks & towels, Lewiston, Me.  
 Avondale Sash & Door Co., 3515 Belmont av, Chicago, Ill.  
 Avondale Stove & Fdry. Co., Birmingham, Ala.  
 A. & W. Electric Sign Co., Cleveland, Ohio.  
 Awsumb, Geo., architect, 189 W. Madison, Chicago, Ill.  
 Axelson Machine Co., 1406 San Fernando, Los Angeles, Cal.  
 Axford Incubator Co., 750 E. 45th, Chicago, Ill.  
 Axtell Co., mill & facty. supplies, Fort Worth, Tex.  
 Axthelm Mfg. Co., blind fasteners, 242 3d av, Pittsburgh, Pa.  
 Axthelm, August W., cornices, 1604 Tower Grove av, St. Louis, Mo.  
 Axwell Equipment Co., spark plugs, 108 Wood, Pittsburgh, W. Va.  
 Ayars, Chas. R., architect, 184 W. Washington, Chicago, Ill.  
 Ayars, Clinton B., Canning Co., Bridgeton, N. J.  
 Ayars Mach. Co., Salem, N. J.  
 Ayer, Fred. H., Mfg. Co., machsts., Chicago Heights, Ill.  
 Ayer & Lord Tie Co., creosoting wks., ties, poles & posts, etc., 80 E. Jackson blvd, Chicago, Ill.  
 Ayer-McCarel, Reagan Clay Co., Brazil, Ind.  
 Ayers, C. E., mach. & fdr., Rockford, Ia.  
 Ayers-Cihlar-Ransom Co., bank fixtures, 726 S. Desplaines, Chicago, Ill.  
 Ayers, J. R., agricultural implements, Petersburg, Va.  
 Ayers, Jno. W. & Son, machsts., 88 Walker, New York.  
 Ayers Mineral Co., sand-clay, Zanesville, Ohio.  
 Ayers-Witmer Lumber Co., mfrs. interior hardwood wk., Niagara Falls, N. Y.  
 Ayes & Co., machsts., 1812 Ellen, Chicago, Ill.  
 Ayling & Reichert Co., copper floats, Toledo, Ohio.  
 Aylward Sons Co., mchsts. & fdrs., Neenah, Wis.  
 Aylward, R. C., cornices, Peoria, Ill.  
 Ayres, Altee B., architect, Bedell Bldg., San Antonio, Tex.  
 Ayres, Bridges & Co., cotton waste, bristles, wax, oils, etc., 200 Summer, Boston, Mass.  
 Ayres, J. F., fertilizer mfrs., Alloway, N. J.  
 Ayres, John T., carriages, Elmira, N. Y.  
 Ayres, Louis, architect, 50 E. 41st, New York.  
 Ayres, Wm. & Sons, carriage robes, 3d & Cumberland, Phila., Pa.  
 Azadian Gauge Mfg. Co., Eastwood, Syracuse, N. Y.  
 A-Z Co., auto metal bodies, tanks, seats, radiators, etc., 527 W. 5th, New York.  
 Baab Bros., brick, Dover, Ohio.  
 Baab, Frank, wholesale hardware, Wilkes-Barre, Pa.  
 Baars, H., & Co., lumber, Pensacola, Fla.  
 Babb, C. H., & Co., steam fitters' supplies, Bangor, Me.  
 Babb Mill Co., flour mills, Afton, Tenn.  
 Babbitt, B. B., contractor, 4 Hamilton pk, New Brighton, N. Y.  
 Babbitt, B. T., Inc., soap, metal polish, glycerine, etc., 11 Broadway, New York.  
 Babbitt Bros., tex. machy. supplies (loom crank shafts), Fairhaven, Mass.  
 Babbitt, Chas. E., machsts. & fndrs., Portland, Me.  
 Babbitt, Edw. F., architect, Hayden Bldg., Columbus, Ohio.  
 Babbitt, Geo. A., measuring tapes, 416 S. Dearborn, Chicago, Ill.  
 Babbitt, James H., flour mills, Valley Oak, Ky.  
 Babbitt, L. L., wire, Clayville, N. Y.  
 Babbitt Steam Specialty Co., New Bedford, Mass.  
 Babcock, Alex. L., contractor, Freeport, Ill.



- Babcock Bros. Lumber Co., Frick Bldg., Pittsburgh, Pa.  
 Babcock, C., & Co., contractors, 36 Beverly, Boston, Mass.  
 Babcock Coal & Coke Co., Pittsburgh, Pa.  
 Babcock Davis Corp., steel, Cambridge, Mass.  
 Babcock, Hinds & Underwood, hardware merch., 174 Washington, Binghamton, N. Y.  
 Babcock, Jno., & Co., size & varnishes, Allston, Boston, Mass.  
 Babcock, John D. (Est. of), billiard tables, 207 W. Gen., Syracuse, N. Y.  
 Babcock, L. H., architect, Bartlesville, Okla.  
 Babcock Lumber Co., Sedalia, Mo., and Frick Bldg., Pittsb'gh, Pa.  
 Babcock Mfg. Co., agricultural implements, Leonardsville, N. Y.  
 Babcock, Milton, architect, Milton, Mass.  
 Babcock & Penton, naval architects, Penton Bldg., Cleveland, Ohio, and 120 B'way, New York.  
 Babcock Printing Press Mfg. Co., New London, Conn.  
 Babcock Varnish Co., 144 High, Boston, Mass.  
 Babcock, W. W., Co., churns, ladders, Bath, N. Y.  
 Babcock & Wilcox, stone producers, Kasota, Minn.  
 Babcock & Wilcox Co., mechanical stokers, boilers, etc., 85 Liberty, New York.  
 Babe, Jas., contractor, Chester, Pa.  
 Babin & Beck, architects, Beaumont, Tex.  
 Babson, Dow Mfg. Co., machsts. & fndrs., screws, etc., 60 Fulda, Boston, Mass.  
 Babue, F. X., & Sons, contractors, Sioux City, Ia.  
 Bach Brick Co., 2647 Montrose av., Chicago, Ill.  
 Bach, J. O., architect, Superior, Wis.  
 Bach, M. W., & Co., horse collars, Ottawa, Ill.  
 Bacharach Industrial Instrument Co., indicators, meters, etc., 14 Wood, Pittsburgh, Pa.  
 Bache, Arthur J., contractor, 1225 11th, N. W., Washington, D. C.  
 Bache, Geo., architect, 1215 Cromwall av., New York.  
 Bache, Semon & Co., polished plate glass, 630 Greenwich, New York.  
 Bachelder, A., & Co., wooden plugs, 234 Mt. Vernon, Lowell, Mass.  
 Bachelor Brick & Tile Co., Angola, Ind.  
 Bachler, C. F., hgt. contrs., 146 N. 10th., Philadelphia, Pa.  
 Bachman, Adam, stone producer, 16 S. 22d, Pittsburgh, Pa.  
 Bachman, C. A., cornices, Newton, Kans.  
 Bachman, Conrad, sashes, doors & blinds, Vermillion, Ohio.  
 Bachman, F. M., Co., lbr. mfrs., Madison av. c. Lincoln, Indianapolis, Ind.  
 Bachman, R. K., & Bro., sash, door & blind mfrs., Phillipsburg, N. J.  
 Bachman-Veghte Co., masons' & bldrs.' matls., Roselle Park, N. J.  
 Bachmann Bros., heaters, La Porte, Ind.  
 Bachmann Bros., celluloid combs, 609 Commerce, Phila., Pa.  
 Bachmann, Geo., contractor, Camden, N. J.  
 Bachmann, Geo. J., architect, Flint, Mich.  
 Bachmann, J. & Co., belting, 16 Reade, New York.  
 Bachrach & Co., advtg. signs, 577 Market, San Francisco, Cal.  
 Backes, M., Sons, torpedoes, Wallingford, Conn.  
 Backstay Machine & Leather Co., Union City, Ind.  
 Backus, A., Jr., & Son, packing box mfrs., Detroit, Mich.  
 Backus, Albert, & Co., stone, Irvington, N. J.  
 Backus-Brooks Co., lumber mfrs., 602 Andrus, Minneapolis, Minn.  
 Backus Corp., gray iron castings, electro plating, etc., Brandon, Vt.  
 Backus, Frederick E., open fireplace gas steam radiator mfrs., 40 Kilby, Boston, Mass.  
 Backus Novelty Co., coat hooks, Smithport, Pa.  
 Backus, Peter B., heating contractor, Wilkes-Barre, Pa.  
 Backus & Sholes, common brick, Hampshire, Ill.  
 Backus Water Motor Co., gas engines, water motors, etc., 172 Penn av., Newark, N. J.  
 Bacon, A. S., & Sons, lumber, 15 Whitaker, Savannah, Ga.  
 Bacon Bros., cornices & skylights, Middletown, Conn.  
 Bacon, Chas. E., architect, Merchants Bk. Bldg., Indianapolis, Ind.  
 Bacon & Co., crates, ladders, etc., Appleton, N. Y.  
 Bacon & Co., steel structural dlrs., 107 Oliver, Boston, Mass.  
 Bacon, Earle C., machy. dlrs., 26 Cortlandt, New York.  
 Bacon, Ed. R., Co., contractors, tools & supplies, 405 E. 3d, Los Angeles, Cal.  
 Bacon, Edwin P., architect, 1044 Ellicott sq., Buffalo, N. Y.  
 Bacon Felt Co., felt wheels & mechanical felt mfrs., Winchester, Mass.  
 Bacon, H., architect, 101 Park av., New York.  
 Bacon, Lewis H., architect, 50 Bromfield, Boston, Mass.  
 Bacon Mfg. Co., agricultural implements, Pontiac, Mich.  
 Bacon Milling Co., flour, Maysville, Ga.  
 Bacon-Taplin Co., machy. dlrs., Springfield, Mass.  
 Bacon, Willard M., architect, 27 Kilby, Boston, Mass.  
 Bacterial Sewage Purification Co., 2 Wall, New York.  
 Baden, Henry W., contractor, Evans Bldg., Washington, D. C.  
 Badenhausen Co., water tube boilers, 1429 Chestnut, Phila., Pa.  
 Badenhof, Robt., Co., crude rubber, Balata, 67 Wall, New York.  
 Bader, Daniel S., contractor, 1345 Arch, Philadelphia, Pa.  
 Bader, F. L., architect, 3718 Park Hill av., Milwaukee, Wis.  
 Bader & Huebner, stone producers, Johnstown, Pa.  
 Bader, J. A., Co., contractor, Dupont Bldg., Wilmington, Del.  
 Bader, John, Lumber Co., 2120 Dominick, Chicago, Ill.  
 Badger Auto. Body Co., 3009 Lisbon av., Milwaukee, Wis.  
 Badger & Badger, lbr. mfrs., Toledo, Wash.  
 Badger Bag & Paper Co., 222 W. Kinzie, Chicago, Ill., and Wausau, Wis.  
 Badger Box & Lumber Co., Grand Rapids, Wis.  
 Badger Brass Mfg. Co., machsts. & fndrs., Kenosha, Wis.  
 Badger, C. B., & Sons Co., coppersmiths, 63-75 Pitts, Boston, Mass.  
 Badger Canning Co., Beaver Dam, Wis.  
 Badger Chemical Mfg. Co., fire extinguishers, 143 Reed, Milwaukee, Wis.  
 Badger Concrete Mixer Co., First Nat. Bk. Bldg., Milwaukee, Wis.  
 Badger Construction Co., Ry. Exch. Bldg., Milwaukee, Wis.  
 Badger Fire Extinguisher Co., 34 Portland, Boston, Mass., and 507 Montgomery, San Francisco, Cal.  
 Badger Fdry Co., Racine, Wis.  
 Badger, Franklin L., machst. & fndr., East Concord, N. H.  
 Badger Furnace Co., machsts., Appleton, Wis.  
 Badger Gas & Gasoline Engine Co., power transmitting & wood sawing machy., Kansas City, Kan.  
 Badger Handle Co., halters, straps, belts, etc., 323 E. Water, S., Milwaukee, Wis.  
 Badger, L. K., & Co., machsts., Quincy, Mass.  
 Badger Lbr. Co., Kansas City, Mo., and Tigerton, Wis.  
 Badger Malleable & Mfg. Co., malleable iron castings & specialties, South Milwaukee, Wis.  
 Badger Meter Mfg. Co., water meters, 261 3d, Milwaukee, Wis.  
 Badger Nail Co., 159 Muskegon av., Milwaukee, Wis.  
 Badger-Packard Machy. Co., 133 W. Water, Milwaukee, Wis.  
 Badger Sash & Door Co., 1594 Island av., Milwaukee, Wis.  
 Badger State Machine Co., Janesville, Wis.  
 Badger State Tanning Co., harness leather, Sheboygan, Wis.  
 Badger Steel Roofing & Corrugating Co., cornices & skylights, La Crosse, Wis.  
 Badger Wire & Iron Works, 687 Muskegon av., Milwaukee, Wis.  
 Badgley, S. R., architect, 6408 Euclid av., Cleveland, Ohio.  
 Badische Co., acids, oils, dyes, etc., 128 Duane, New York.  
 Badt-Westburg Elec. Co., ammeters, rheostats, etc., 53 W. Jackson blvd., Chicago, Ill.  
 Baechlin, Henry, architect, 665 Broad, Newark, N. J.  
 Baek Wall Paper Co., 233 37th, Brooklyn, N. Y.  
 Baeder, Adamson & Co., paper & pulp mills & glue mfrs., Richmond & Allegheny, Philadelphia, Pa.  
 Baeder, J. L., elec. & gas light fixtures, 2849 Webster av., New York.  
 Baeder, Louis, architect, White Bldg., Seattle, Wash.  
 Baehker, F., elec. light fixture mfrs., 2531 Milwaukee av., Chicago, Ill.  
 Baehring, H., brick, Schleisingville, Wis.  
 Baenker, H. H., Motor Plow Co., St. Charles, Mo.  
 Baer, A. S., & Son, beer coolers, 106 Wall, New York.  
 Baer Bros., gold, silver & aluminum leaf, enamels, etc., 438 W. 37th, New York.  
 Baer, H., Co., contractors, 842 S. 19th, Newark, N. J.  
 Baer, Herbert M., architect, 665 5th av., New York.  
 Baer, R. P., & Co., lumber mfrs., Md. Casualty Bldg., Balto., Md.  
 Baerresen Bros., architects, Cham. Comm. Bldg., Denver, Colo.  
 Baerresen & Wiegner, architects, Cheyenne, Wyo.  
 Baertl Anti-Slip Cement Co., 97 Water, New York.  
 Baerwald, Emil, copper ores, bar tin, 61 B'way, New York.  
 Baeseman, G. H., Mfg. Co., lbr., Rib Falls, Wis.  
 Baeuerle & Morris, condensers, evaporators, distilling app., etc., 932 N. Front, Philadelphia, Pa.  
 Bagby Furniture Co., desk mfrs., Eastern av. & Exchange, Baltimore, Md.  
 Bagdad Land & Lumber Co., Bagdad, Fla.  
 Bagg, Egbert, architect, Clarendon Bldg., Utica, N. Y.  
 Baggot, E., Co., drainage systems, elec. light fixtures, 21 E. Lake, Chicago, Ill.  
 Bagstrom, J. E., architect, Wausa, Neb.  
 Baglay & Spicer, cornices & skylights, Pittsburgh, Kan.  
 Bagley, Abraham, architect, Berne, Ind.  
 Bagley Canning Co., Talent, Ore.  
 Bagley Grader Co., railroad, reservoir, Tacoma, Wash.  
 Bagley & Sewell Co., machsts. & fndrs., Watertown, N. Y.  
 Bagnell, Jas. F., architect, 93 W. 8th, Bayonne, N. J.  
 Bagnell Timber Co., Title Guaranty Bldg., St. Louis, Mo.  
 Bagshaw & Field, machsts., 445 N. 5th, Philadelphia, Pa.  
 Bagshaw, W. H., textile machy., Lowell, Mass.  
 Bagues Freres Co., elec. & gas light fixtures, 705 5th av., New York.  
 Bagwell Mfg. Co., carriages, Gainesville, Ga.  
 Bahe, Edw., sash, door & blind mfrs., 1820 Austin av., Chicago, Ill.  
 Bahmann Iron Works Co., plantation machinery, Spring Grove av., Cincinnati, Ohio.  
 Bahn, Walter D., & Co., masons' & bldrs. matls., New Freedom, Pa.  
 Bahner, Geo., masons' & bldrs. matls., New Boston, Ohio.  
 Bahnsen, John, architect, Hauser Bldg., St. Louis, Mo.  
 Bahr, Chas., contractor, Verona, N. J.  
 Bahr Demijohn Co., Ellenville, N. Y.  
 Baier Bros. Mfg. Co., poultry fountains, Cissna Park, Ill.  
 Baier & Conrad, cornices, 336 Hunterdon, Newark, N. J.  
 Baile, C. A. & Co., canned goods, Medford, Md.  
 Bailes, H. H., contractor, Grand Forks, N. D.  
 Bailey, A. N., flour mills, Cedarville, W. Va.  
 Bailey & Alling Lbr. Co., Ft. Clay, Newark, N. J.



- Bailey & Bailey, architects, Lawrence Bldg., Okla. City, Okla.  
 Bailey & Blendinger Mfg. Co., knives, Woburn, Mass.  
 Bailey & Bowne, auto. wood bodies, Utica, N. Y.  
 Bailey, C., & Co., wagon spokes, Elmsport, Pa.  
 Bailey, C. J., & Co., rubber gds., druggists' & surgical, 22 Boylston, Boston, Mass.  
 Bailey, C. M., & Co., meat packers, Newark, N. J.  
 Bailey, C. T., & Co., glue mfrs., 80 E. Jackson Blvd., Chicago, Ill.  
 Bailey, C. W., & Son, carriages, Windsor, Va.  
 Bailey, Chas. A., granite, Suncook, N. H.  
 Bailey, Chas. J., architect, Bank, Waterbury, Conn.  
 Bailey & Co., storage battery trucks, Amesbury, Mass.  
 Bailey, D. J., granite producers, West Dummerston, Vt.  
 Bailey, E., & Sons, masons' & bldrs. matls., Patchogue, N. Y.  
 Bailey, E. M., & Son, agricultural implements, Leraysville, Pa.  
 Bailey Elmer Smith, architect, 33 Cornhill, Boston, Mass.  
 Bailey, Emmet E., Co., architects, Keenan Bldg., Ptg., Pa., & Oil City, Pa.  
 Bailey Engine Co., machsts, Lima, N. Y.  
 Bailey, F. O., Carriage Co., Portland, Me.  
 Bailey, F. T., & Co., sink legs, North Scituate, Mass.  
 Bailey-Farrell Mfg. Co., plumbers' supplies, jobbers, 3d av & Ross, Ptg., Pa.  
 Bailey, Fred T., & Co., portable benches, North Scituate, Mass.  
 Bailey, G. E., & Sons, oven bldrs., Mansfield, Mass.  
 Bailey, G. W., Co., auto, binding & gimps, shoe knives, Brockton, Mass.  
 Bailey, Geo. P., & Son, stencils, Rochester, N. Y.  
 Bailey, J. Barnes, canned goods, Forest Hill, Md.  
 Bailey, J. W., & Co., masons' & bldrs. matls., Anderson, Ind.  
 Bailey, John T., Co., cordage & twine mfrs., Water & Morris, Philadelphia, Pa.  
 Bailey Knitting Mills, sweaters, etc., Fort Plain, N. Y.  
 Bailey & Koerner, contractors, Louisville, Ky.  
 Bailey, L. R., & Co., architects, Abingdon Bldg., Portland, Ore.  
 Bailey & Lambert, contractors, Walla Walla, Wash.  
 Bailey-Lebby Co., mill & facty. supplies, Charleston, S. C.  
 Bailey Lbr. Co., box shooks, Suncook, N. H.  
 Bailey-Lush Co., contractors, 201 N. Broad, Philadelphia, Pa.  
 Bailey Mfg. Co., copying presses, Berlin, Conn.  
 Bailey-Marsh Co., contractors, Metropolitan Life Bldg., Minneapolis, Minn.  
 Bailey Meter Co., meter mfrs., 141 Milk, Boston, Mass.  
*See adv index at end of book.*  
 Bailey, Myron C., contractor, Northampton, Mass.  
 Bailey, Oscar L., & Co., knitted gloves & mittens, Everett, Mass.  
 Bailey Piano Co., Whitlock & Leggett avs, New York.  
 Bailey, R. A., architect, 54 Lafayette av, Detroit, Mich.  
 Bailey, R., & Son, contractors, 18 Lackman av, Mariners Harbor, N. Y.  
 Bailey Reflector Co., show case, 617 2nd, Pittsburgh, Pa.  
 Bailey-Reynolds Gas Fixture Co., Kansas City, Mo.  
 Bailey, Robert M., architect, 15 Beacon, Boston, Mass.  
 Bailey, S. C., lumber, Cedartown, Ga.  
 Bailey Spencer Hardware Co., Lynchburg, Va.  
 Bailey, W. A., masons' & bldrs. matls., Northampton, Mass.  
 Bailey, W. C., contractor, Omaha, Neb.  
 Bailey, W. H., & Sons, cornices, Morgantown, W. Va.  
 Bailey, W. J., Co., masons' & bldrs. matls., San Diego, Cal.  
 Bailey, W. P., canned goods, Buchanan, Va.  
 Bailey, W. T., architect, 358 Beale av, Memphis, Tenn.  
 Bailey, W. T., & Co., cornices & skylights, Concord, N. H.  
 Bailey Wall Paper Co., 1915 W. 96th, Cleveland, O.  
 Bailey & Weston, window shade mfrs., 81 Wash'n, Boston, Mass.  
 Bailey, Wm. D., Co., sash, door & blind mfrs., Matawan, N. J.  
 Bailey, Wm. J., & Co., machsts., 401 Mulberry, Newark, N. J.  
 Bailey, Wm. M., Co., contractors, 88 Broad, Boston, Mass.  
 Bailey, Wm. R., heating contrs., 96 Warren, New York.  
 Bailey Willis F., contrs., Decatur, Ill.  
 Bailey's C. M., Sons & Co., oil cloth mfrs., Winthrop, Me.  
 Baillie Basket Co., 82 Sudbury, Boston, Mass.  
 Baillie Stone Co., The Arcade, Berlin Heights & Cleveland, O.  
 Bailor Plow Mfg. Co., Atchison, Kans.  
 Bailly & Bassett, architects, 421 Chestnut, Philadelphia, Pa.  
 Bailly Hardware Co., Pottstown, Pa.  
 Bailly, R. M., & Co., machinery dlr., Commercial Trust Bldg., Philadelphia, Pa.  
 Bain Bros. Mfg. Co., dryers, seed corn, Cedar Rapids, Ia.  
 Bain & Co., fertilizer mfrs., Courtland, Va.  
 Bain, H. H., Sheet Metal Works, Shreveport, La.  
 Bain, L. F., & Sons, fertilizer mfrs., Wakefield, Va.  
 Bain Wagon Co., wagon makers, Kenosha, Wis.  
 Bainbridge, Chas. J., advt. nov., Syracuse, N. Y.  
 Bainbridge Electrical Co., telephones & apparatus, 1613 Sansom, Philadelphia, Pa.  
 Bainbridge, Wm. M., brick, Rushville, Ind.  
 Bainbridge's, Chas. T., Sons, Paper & Pulp Mills, 2 Cumberland, Brooklyn, N. Y.  
 Bainister & Pollard Co., steam fitters supplies, 206 Market, Newark, N. J.  
 Bains, G. B., & Son, trunk mfrs., 1028 Chestnut, Phila., Pa.  
 Bair, Harry S., architect, Vandergrift Bldg., Pittsburgh, Pa.  
 Bair, M. N., architect, 1911 Derry, Hamburg, Pa.  
 Baird, A. D., & Sons, stone prod., 667 Wythe av, B'klyn, N. Y.  
 Baird Bros. & Co., metal polish, bicycle & sewing machine oils, Cleveland, Ohio.  
 Baird Co., surgical & dental instruments, Plainfield, N. J.  
 Baird, D. W., Lumber Co., 1026 W. 22d, Chicago, Ill.  
 Baird-Daniels Co., gin distillers, 143 W. B'way, New York.  
 Baird, David, Co., lbr., ties, poles, etc., Camden, N. J.  
 Baird Equipment Co., self winding clocks, chronographs, etc., 319 W. Ohio, Chicago, Ill.  
 Baird, Frederick, architect, Bangor Bldg., Cleveland, Ohio.  
 Baird Hardware Co., Gainesville, Fla.  
 Baird Harvester Co., Decatur, Ill.  
 Baird, J. H. & Son, fertilizer mfrs., Marlboro, N. J.  
 Baird, L. M., Sons, masons' & bldrs.' matls., Evansville, Ind.  
 Baird Machine Co., badge pin machy., etc., Bridgeport, Conn.  
 Baird Mach. & Mfg. Co., 56 Jefferson av, Detroit, Mich.  
 Baird Machinery Co., machine tools & supply dealers, 125 Water, Pittsburgh, Pa.  
 Baird, Matthew, Contracting Co., 433 E. 92d, New York.  
 Baird Motion Picture Machine Co., 246 E. 23d, New York.  
 Baird & Slinger, mchsts. & fdrs., Portage, Wis.  
 Bairds-Daniels Co., distillers, 143 W. B'way, New York.  
 Baird's, S. L. M., Sons, masons' & bldrs.' matls., Evansville, Ind.  
 Bairstow, Frederick, stone producers, Waukegan, Ill.  
 Baitelman, Sam'l, carriages, 17 Elizabeth, New York.  
 Baitinger, Wm. F., crushed stone, 1486 Mack av, Detroit, Mich.  
 Baizley, John, Iron Wks., mchsts. & fndrs., 514 S. Del. av, Philadelphia, Pa.  
 Bajohr, Carl, Lightning Conductor Co., 4055 Keokuk, St. Louis, Mo.  
 Bakeman, Geo. F., contractor, Benton Harbor, Mich.  
 Bakemridge Lbr. Co. (Ltd.), Springfield, La.  
 Baker, A. D., Co., agricultural implements, Swanton, Ohio.  
 Baker, A. T. & Co., plushes, Main & Carson, Philadelphia, Pa.  
 Baker & Adamson Chemical Co., hydrofluoric acid, Easton, Pa.  
 Baker, Alfred, buttons, 79 Orange, Newark, N. J.  
 Baker-Bell Motor Co., 665 N. Broad, Philadelphia, Pa.  
 Baker, Benj., machsts., Oswego, N. Y.  
 Baker & Bennett Co., bob sleds, 873 B'way, New York.  
 Baker Box Co., Worcester, Mass.  
 Baker & Brinkley, contractors, Norfolk, Va.  
 Baker & Bro., carriages, Lexington, Ky.  
 Baker Bros., flour mills, Binghamton, N. Y.  
 Baker Bros., glass, Okmulgee, Okla.  
 Baker Bros., drilling, etc., machines, Toledo, Ohio.  
 Baker Bros. & Co., plate glass, 27 South Gay, Baltimore, Md.  
 Baker & Brown, fertilizer mfrs., Staunton, Va.  
 Baker-Brown Casket Co., Rochester, N. Y.  
 Baker Brush Co., 83 Grand, New York.  
 Baker, C. D., heating contrs., Raymond, Wash.  
 Baker, C. L., automobile bldrs., Norwalk, Conn.  
 Baker, C. O., canned goods, Fincastle, Va.  
 Baker, C. W. & Sons, canned goods, Aberdeen, Md.  
 Baker Castor Oil Co., 120 B'way, New York.  
 Baker, Cecil F., architect, 30 N. Michigan av, Chicago, Ill.  
 Baker, Charles, potteries, Rockville, Ind.  
 Baker, Chas. F., & Co., nails, 48 Lincoln, Boston, Mass.  
 Baker City Packing Co., meat, Baker, Ore.  
 Baker & Co., fertilizer mfrs., Winchester, Va.  
 Baker & Co., muffles, metal novelties & specialties, platinum sheet wire, etc., Austin, Newark, N. J.  
 Baker Drop Forge Co., Jackson, Mich.  
 Baker-Dunbar-Allen Co., contractors, Citizens Bldg., Cleveland, O.  
 Baker, Edwin F., contractor, Warren, Pa.  
 Baker Elec. Co., massage vibrators, Hartford, Conn.  
 Baker, F. M., Apparatus Co., laboratory apparatus, Syracuse, N. Y.  
 Baker Fndry. & Mach. Co., Amesbury, Mass.  
 Baker, Frank L., architect, Northern Bank & Trust Bldg., Seattle, Wash.  
 Baker, Frank S., architect, 133 W. Washington, Chicago, Ill.  
 Baker, Fred, brick, Wilson, Conn.  
 Baker, G. D., ties, poles, etc., Washington C. H., Ohio.  
 Baker, G. Harold, canned goods, Aberdeen, Md.  
 Baker, G. W., Mach Co., 218 French, Wilmington, Del.  
 Baker, Geo. M., Co., platinum, 91 Page, Providence, R. I.  
 Baker, Geo. W., masons' & bldrs.' matls., Loami, Ill.  
 Baker Gun & Forging Co., Batavia, N. Y.  
 Baker, H. H., & Co., yacht sails, Buffalo, N. Y.  
 Baker, H. J., & Bro., sulphate of ammonia, potash, camphor, etc., 81 Fulton, New York.  
 Baker, H. P., & Co., wood handles, Columbia, Va.  
 Baker, H. W., masons' & bldrs.' matls., Berryville, Va.  
 Baker & Hamilton, wholesale hdwe., 45 B'way, New York, & 4th & Branan, San Fran, Cal.  
 Baker, Harry F., landscape architect, 4629 Lake Harriet blvd, Minneapolis, Minn.  
 Baker & Holmes Co., masons' & bldrs.' matls., Jacksonville, Fla.  
 Baker, Hugh J., consulting sales engineer, Majestic Bldg., Indianapolis, Ind.  
 Baker Ice Mach. Co., Omaha, Neb.  
 Baker Iron Wks., Los Angeles, Cal.  
 Baker, J. A., canned goods, East New Market, Md.  
 Baker, J. E., Co., stone producers, York, Pa.  
 Baker, J. Edw., architect, Manchester, N. H.  
 Baker, J. L., lumber, Omaha, Neb.  
 Baker, J. M., fertilizer mfrs., Temple, Ga.  
 Baker, J. T., Chemical Co., Phillipsburg, N. J.  
 Baker, Jas. B., architect, 156 5th av, New York.  
 Baker, Jas. M., patterns & models, 114 Exchange, Providence, R. I.



- Baker, John, Jr., asphalt dlrs. & imptrs., 17 Battery pl, New York.
- Baker, John, Jr., contractor, American Trust Bldg., Birmingham, Ala.
- Baker, John M., architect, 9 Jackson av, Long Island City, N. Y.
- Baker, John S., brake handles, ratchet wheels, Beverly, Mass.
- Baker, Jos. W., architect, 11 N. 4th, Harrison, N. J.
- Baker, L. C., Co., contractors, South Manchester, Conn.
- Baker Lead Mfg. Co., Worcester, Mass.
- Baker & Lockwood Mfg. Co., contrs. tents, Kansas City, Mo.
- Baker Lbr. Co., Turrell, Ark.
- Baker & McDowell Hardware Co., Natchez, Miss.
- Baker, McMillen Co., handles, wood turning, Akron, Ohio.
- Baker, M. A., cornices, Brunswick, Ga.
- Baker Mach. Co., New Bedford, Mass.
- Baker Machinery Co., Des Moines, Ia.
- Baker-Manchester Mfg. Co., silver & plated novelties, 100 Stewart, Providence, R. I.
- Baker Mfg. Co., agricultural implements, Evansville, Wis.
- Baker Mfg. Co., carts, culverts, street cleaning machines, etc., 1000 Stanford av, Springfield, Ill.
- Baker-Matthews Mfg. Co., lumber, Sikeston, Me.
- Baker & Mays, flour mills, Marion, Ky.
- Baker, Milton O., contractor, New Britain, Conn.
- Baker-Minter Lbr. Co., Delaware, Va.
- Baker & Norris, architect, 41 E. 4th av, Cincinnati, Ohio.
- Baker, Moses E., architect, 31 Beacon, Boston, Mass.
- Baker Motor Vehicle Co., Lake av, N. W., Cleveland, Ohio.
- Baker-Nealey Co., lumber, Chesaw, Wash.
- Baker, O. D., Co., mattresses, 60 Canal, Boston, Mass.
- Baker & Parker, architects, Equitable Bldg., Boston, Mass.
- Baker, R. D., Co., New Penobscot Bldg., Detroit, Mich.
- Baker, R. & L. Co., automobile bldrs., ft. W. 80th, Cleveland, O.
- Baker River Lumber Co., Concrete, Wash.
- Baker & Smith, steam fitters' supplies, 408 Wells, Chicago, Ill.
- Baker, Smith & Co., heating app., 576 Greenwich, New York.
- Baker Specialty & Supply Co., plumbers' supplies—jobbers, Logansport, Ind.
- Baker Stove Works, Belleville, Ill.
- Baker, T. E. & Sons Co., elec. & gas light fixtures, San Jose, Cal.
- Baker Valve Co., piston rings, 1855 E. 28th, Minneapolis, Minn.
- Baker-Vawter Co., loose leaf devices, Benton Harbor, Mich.
- Baker, W. Edgar, Jr., architect, 299 Madison av, New York.
- Baker, W. J., Co., metal screens & specialties, Newport, Ky.
- Baker, W. S., canned goods, Bridgeton, N. J.
- Baker, W. T., paints, cements, etc., 224 Suydam av, Jersey City, N. J.
- Baker, W. W., Tanning Co., Sumac, Hallsboro, Va.
- Baker-Wakefield Cypress Co., Ltd., Plattenville, La.
- Baker & Walls, canned goods, Sudlerville, Md.
- Baker, Wm., contractor, 137 South, Jersey City & Passaic, N. J.
- Baker, Wm., masons' & bldrs.' matls., New Baltimore, Mich.
- Baker, Wm. E., contractor, Scranton, Pa.
- Baker, Wm. H., machst., Trenton, N. J.
- Baker & Winsor, battery chemicals, 189 Eddy, Providence, R. I.
- Bakers' Helper Co., trade publication, 327 S. La Salle, Chicago, Ill.
- Bakers' Review, trade publication, 233 B'way, New York.
- Bakers' Weekly, trade publication, 41 Park Row, New York.
- Bakersfield Iron Works, Bakersfield, Cal.
- Bakersfield Sandstone Brick Co., Bakersfield, Cal.
- Bakewell & Brown, architects, 251 Kearney, San Francisco, Cal.
- Bakke, O., architect, Missoula, Mont.
- Bal, Wm., Co., trunk mfrs., 7 Vesey, Newark, N. J.
- Balbach Smelting & Refining Co., Newark, N. J.
- Balch, H. F. & Co., contrs., Phoenix Bldg., Minneapolis, Minn.
- Balcomb, Edwin B., architect, 228 Sussex, Salem, Mass.
- Bald Mountain Portland Cement Co., Aragon, Ga.
- Baldauf, John, contractor, Marion, Ohio.
- Baldensperger, S. G., contractor, Highland Bldg., Pittsburgh, Pa.
- Balderston, Chas., architect, 411 Walnut, Philadelphia, Pa.
- Balderston, H., & Son, archl. iron, 319 Pearl, Baltimore, Md.
- Baldock & Co., flour mills, Dearborn, Va.
- Baldoser & Pace Pottery Co., Roseville, Ohio.
- Baldrige Bros., contrs., Decatur, Ill.
- Baldrige, E. R., & Co., stone producers, Hollidaysburg, Pa.
- Baldrige Gear Co., 235 Mt. Elliot av, Detroit, Mich.
- Baldrige, J. C., Lumber Co., Albuquerque, N. M.
- Baldt Anchor Co., Chester, Pa.
- Baldt Steel Co., Newcastle, Del.
- Baldwin, A. & Co., wholesale hdwe., Camp & Common, New Orleans, La.
- Baldwin, Bert L., architect, Perin Bldg., Cincinnati, Ohio.
- Baldwin Brass Wks., fndrs., 411 S. Clinton, Chicago, Ill.
- Baldwin Bros., contrs., Rose Bldg., Cleveland, Ohio, & Erie, Pa.
- Baldwin Bros., wagon hubs & spokes, Ironton, Mo.
- Baldwin Bros., machinists, Winona, Minn.
- Baldwin & Brown, wholesale hdwe., masons' & bldrs.' matls., 1557 E. Main, Richmond, Va.
- Baldwin, C. R., contractor, West Chester, Pa.
- Baldwin Chain & Mfg. Co., machine made drive chain makers, 199 Chandler, Worcester, Mass.
- Baldwin, Chas. H., architect, Orange, N. J.
- Baldwin, Chas. P., architect, 45 Clinton, Newark, N. J.
- Baldwin Co., organs, 142 W. 4th, Cincinnati, Ohio.
- Baldwin County Fertilizer Co., Milledgeville, Ga.
- Baldwin, Dwight M., Jr., flour, 2219 Pillsbury av, Minneapolis, Minn.
- Baldwin, E. F., machsts. & fndrs., Gardner, Mass.
- Baldwin, E. N., hdwe. mfrs. (carriage), Shelton, Conn.
- Baldwin, Edwin L., masons' & bldrs.' matls., Lestershire, N. Y.
- Baldwin Equipment & Supply Co., second hand railroad equipments, Fisher Bldg., Chicago, Ill.
- Baldwin, Frank C., architect, 816 Conn. av, N. W., Washington, D. C.
- Baldwin, Frank, & Son, contrs.' tools, 33 South, New York.
- Baldwin, H. A., & Co., masons' & blars.' matls., 14903 Saranac, Cleveland, Ohio.
- Baldwin, H. J., & Son, ties, poles & posts, Waverly, N. Y.
- Baldwin, H. N., canned goods, Chestertown, Md.
- Baldwin, Homer (Est. of), flour mills, Youngstown, Ohio.
- Baldwin, J. Frank, masons' & bldrs.' matls., Birmingham, Ala.
- Baldwin, J. J., architect, Anderson, S. C.
- Baldwin, J. P., htg. contrs., 173 W. Washington, Chicago, Ill.
- Baldwin, J. P., htg. contr., 173 W. Washington, Chicago, Ill.
- Baldwin, Jas., Co., textile machy. supplies, etc., Manchester, N. H.
- Baldwin, Jas. L., & Co., cash carriers, 350 W. Madison, Chicago, Ill.
- Baldwin & Lewis, turpentine, Lee, Fla.
- Baldwin, Linus, contractor, Middletown, Conn.
- Baldwin Locomotive Works, Eddystone & Philadelphia, Pa.
- Baldwin Lumber Co., Garfield av, Jersey City, N. J.
- Baldwin Lumber Co., Ltd., Baldwin, La.
- Baldwin, M. E., Construction Co., 140 S. Dearborn, Chicago, Ill.
- Baldwin & Pennington, architects, Profesional Bldg., Baltimore, Md.
- Baldwin Piano Co., Gilbert av, Cincinnati, Ohio.
- Baldwin & Prislser Co., stone producers, Ottawa, Ill.
- Baldwin Refrigerator Co., Burlington, Vt.
- Baldwin Supply Co., mill & facty. supplies, Elkins, W. Va.
- Baldwin, T. F., decorative art leathers, 3 W. 47th, New York.
- Baldwin Tool Wks., mchsts. & fndrs., Parkersburg, W. Va.
- Baldwin, Tuthill & Bolton, machsts., Grand Rapids, Mich.
- Baldwyn Brick & Tile Co., Baldwin, Miss.
- Balestrieri, R., & Co., stone, Atlantic City, N. J.
- Balf, Edw., Co., contractors, Hartford, Conn.
- Balf Co., wholesale hdwe., Jacksonville, Fla.
- Balfour, Guthrie & Co., masons' & bldrs.' matls., Park & Oak, Portland, Ore.; Seattle, Wash., & San Francisco, Cal.
- Balfour Quarry Co., Asheville, N. C.
- Baling Tie Buckle Co., Waterloo rd, Cleveland, Ohio.
- Balkan Construction Co., 53 W. Jackson blvd, Chicago, Ill.
- Balke & Krauss Co., sash, door & blind mfrs., Indianapolis, Ind.
- Ball Bearing Shade Roller Co., Naugatuck, Conn.
- Ball Bros.' Glass Mfg. Co., cans, fruit jars, bottle glass, sheet zinc, etc., Muncie, Ind.
- Ball, Charles, architect, Lockhaven, Pa.
- Ball Chemical Co., paint specialties, Fulton Bldg., Pittsburgh, Pa.
- Ball & Cole, mchsts. & fndrs., Russellville, Ark.
- Ball Engine Co., Erie, Pa.
- Ball, Geo. M. & Son, machsts., 56 Greenpoint av, B'klyn, N. Y.
- Ball Ground Oil & Fertilizer Co., Ball Ground, Ga.
- Ball, I. M., & R. E., carriages, Bushnell, Ill.
- Ball, J. F., & Bro., Lumber Co. (Ltd.), Alexandria, La.
- Ball & Jewell, machsts., 24 Franklin, Brooklyn, N. Y.
- Ball, John R., Fdry. & Mach. Wks., Durango, Colo.
- Ball, Phil. De C., machsts., 3003 N. B'way, St. Louis, Mo.
- Ball & Roller Bearing Co., 22 Maple av, Danbury, Conn.
- Ball & Socket Mfg. Co., metal buttons, West Cheshire, Conn.
- Ballantyne, Henry F., architect, 2 W. 47th, New York.
- Ballard & Ballard Co., flour mills, Louisville, Ky.
- Ballard Drop Forge Co., bolts, Seattle, Wash.
- Ballard, E. V., Co., models & experimental wk., 24 Frankfort, New York.
- Ballard-Ford Hardware Co., Washington C. H., Ohio.
- Ballard, J. W., Co., masons' & bldrs.' matls., Binghamton, N. Y.
- Ballard Japanning Co., patent leather, Woburn, Mass.
- Ballard Knitting Co., sweaters, etc., Norristown, Pa.
- Ballard Packing Co., meat; fertilizer mfrs., Marion, Ind.
- Ballard Plannery Co., Inc., architects, Columbia Bldg., Spokane, Wash.
- Ballard & Son, stone, Sioux Falls, S. D.
- Ballard, Stephen, Rubber Co., 90 W. B'way, New York.
- Ballard Vale Mill Co., woolen flannels, Ballard Vale, Mass.
- Ballard, Wm. M., contractor, Oneida, N. Y.
- Ballast, Egbert, architect, 825 Oakland av, Grand Rapids, Mich.
- Ballet, Jacob, cornices & skylights, Edinburg, Ill.
- Balley, W. T. Lbr. Co., Virginia, Minn.
- Balliet, A. H., cigar box mfrs., Allentown, Pa.
- Ballin, August E., brick, Lacarne, Ohio.
- Ballin, F. A., naval arch., Worcester Bldg., Portland, Ore.
- Ballin, R. C., brick, Lacarne, Ohio.
- Ballin Water Tube Boiler Co., Portland, Ore.
- Ballinger & Perrott, architects, 1328 B'way, New York, & Methodist Bldg., Philadelphia, Pa.
- Ballinger, R. C., & Co., contractors, 218 N. 13th, Phila., Pa.
- Ballman Cabinet Co., Livingston & Linn, Cincinnati, Ohio.
- Balloffet-Baszanger Die Co., diamond die mfrs., 108 Fulton, New York.
- Ballou-Hutchins Elec. Co., time switches, Providence, R. I.
- Ballou, J. C., granite, Quincy, Mass.



- Ballou, Johnson & Nichols Co., wholesale hdwe., 128 Dorrance, Providence, R. I.
- Ballou, M. E. & Son, Co., mill & clothes baskets, Becket, Mass.
- Ballou Thread Co., 189 Charles, Providence, R. I.
- Ballston Fibre Products Co., Ballston Spa, N. Y.
- Ballweg & Co., packing box mfrs., Indianapolis, Ind.
- Ballwood Co., machsts., 30 Church, New York.
- Bally, Samuel H., contractor, Lancaster, Pa.
- Balm Mfg. Co., mchsts. & fndrs., Canton, Ohio.
- Balte, Ben & Son, lbr., Ferdinand, Ind.
- Balte Mfg. Co., concrete mixers, Kearney, Neb.
- Baltes, E. M. & Co., masons' & bldrs.' matls., Fort Wayne, Ind.
- Baltes, H. A., lamp cord adjusters, Garwood, N. J.
- Baltimore Belting Co., 115 W. Lombard, Baltimore, Md.
- Baltimore Brass & Plating Wks., castings, 118 E. Centre, Baltimore, Md.
- Baltimore Brick Co., Baltimore, Md., & Richmond, Va.
- Baltimore Buggy Top Co., 113 W. Mt. Royal av, Baltimore, Md.
- Baltimore Canning Co., 117 W. Cross, Baltimore, Md.
- Baltimore Car & Fdry. Co., Pittsburgh, Pa.
- Baltimore Car-Wheel Co., Fulton Station, Baltimore, Md.
- Baltimore Chemical Co., soldering flux, 321 St. Paul, Balti., Md.
- Baltimore Cooperage Co., tank mfrs., Hanover & Creek, Baltimore, Md.
- Baltimore Copper Paint Co., Key Highway & Covington, Baltimore, Md.
- Baltimore Copper Smelting & Rolling Co., smelters & refiners, Baltimore, Md.
- Baltimore Distilling Co., 51 Water, New York.
- Baltimore Dry Docks & Ship Building Co., ship builders, Baltimore, Md.
- Baltimore Enamel & Novelty Co., Woodall, Baltimore, Md.
- Baltimore Engine Co., 221 N. Calvert, Baltimore, Md.
- Baltimore Fertilizer Co., 221 N. Calvert, Baltimore, Md.
- Baltimore Gas Appliance & Mfg. Co., mchsts. & fndrs., Bayard & Hamburg, Baltimore, Md.
- Baltimore Gas Light Co., 13 N. Howard, Baltimore, Md.
- Baltimore Hub-Wheel Mfg. Co., Fiswy & Gy, Baltimore, Md.
- Baltimore Lumber Co., 1131 Watson, Baltimore, Md.
- Baltimore Malleable Iron & Steel Castings Co., founders., Baltimore, Md.
- Baltimore & Ohio R. R. Co., Baltimore, Md.
- B. & O. R. R. Shops, mchsts. & fndrs., Newark, Ohio.
- Baltimore Oil Co., lubricating oils dealer, 106 N. High, Baltimore, Md.
- Baltimore Oxidized Nail Co., 215 S. Central av, Baltimore, Md.
- Baltimore Peach Bottom Slate Corp., Delta, Pa.
- Baltimore Pearl Hominy Co., Howard & Stockholm, Balto., Md.
- Baltimore Plbg. Supply Co., steam fitters' supplies, 3 N. Central av, Baltimore, Md.
- Baltimore Polytechnic Institute, engng. schools & coll., 311 Courtland, Baltimore, Md.
- Baltimore Quarries Co., stone, Baltimore, Md.
- Baltimore Retort & Fire Brick Co., cor Hull & Nicholson, Baltimore, Md.
- Baltimore Roofing & Asbestos Mfg. Co., asbestos, Md.
- Baltimore Sash & Door Co., Howard & West, Baltimore, Md.
- Baltimore Sign Co., sign mfrs., Baltimore, Md.
- Baltimore Stamping & Enameling Co., tinware mfrs., 909 E. Pratt, Baltimore, Md.
- Baltimore Terra Cotta Wks., fire clay, 1300 Covington, Baltimore, Md.
- Baltimore Tube Co., brass & copper tubing mfrs., Wicamico & Ostend, Baltimore, Md.
- Baltuff, Jos. M., Building Co., Security Bk. Bldg., Minneapolis, Minn.
- Balyeat Mfg. Co., mattresses, Mansfield, Ohio.
- B. & A. Mach. Wks., 317 S. Clinton, Chicago, Ill.
- Bamberg Cotton Mills Co., sheetings, Bamberg, S. C.
- Bamberger, Alex., contr., 3945 Perrysville av, Pittsburgh, Pa.
- Bamberger, Herman Co., umbrella mfrs., 877 B'way, New York.
- Bambrick Bros.' Construction Co., 5229 St. Louis av, St. Louis, Mo.
- Bambrook, A. W., fdrs., Jacksonville, Ill.
- Bame & Cardell, contractors, 176 Warren, Albany, N. Y.
- Bamford & Smith Co., textile machy., 9 Culver, Providence, R. I.
- Bammerlin, Wm. A., pianos, Massillon, Ohio.
- Bammerun, Oscar W., pianos, Massillon, Ohio.
- Banard, Lawrence, architect, 46 Lawton, New Rochelle, N. Y.
- Bancroft & Barnard, mchsts. & fdrs., Gardner, Mass.
- Bancroft, Francis W., architect, Bloomfield, N. J.
- Bancroft, Fred'k. J., tennis racquet mfr., Pawtucket, R. I.
- Bancroft, Jos. & Sons Co., shade cloth mfrs., Rockford, Wilmington, Del.
- Bancroft Paper Co., Bancroft, Mass.
- Bancroft Textile Co., auto. & furniture binding & gimps, Worcester, Mass.
- Bancroft, Wendell & Co., masons' & bldrs.' matls., Reading, Mass.
- Bandler, Bernard, & Sons, carbons, 220 5th av, New York.
- Bane & Hoffman, contractors, Joplin, Mo.
- Bangert, Valentine, contractor, 34 Orchard, Jamaica, N. Y.
- Bangor Brick & Const. Co., Bangor, Me.
- Bangor Casket Mfg. Co., Bangor, Pa.
- Bangor Central Slate Co., roofing slate mfrs., Bangor, Pa.
- Bangor Excelsior Slate Co., roofing slate mfrs., Easton, Pa.
- Bangor Granite Co., Bangor, Me.
- Bangor Lumber Mfg. Co., Bangor, Me.
- Bangor Mattress Co., bedstead mfrs., Bangor, Me.
- Bangor School Slate Co., Bangor, Pa.
- Bangor Slate Mining Co., Bangor, Pa.
- Bangor Stoneware Co., Bangor, Me.
- Bangor Structural Slate Co., Bangor, Pa.
- Bangor Washington Slate Co., rfg. slate mfrs., Bangor, Pa.
- Bangs, C. H., Druggists' Fix. Co., store & bar fixtures, Boston, Mass.
- Bangs-Gaynor Cement & Plaster Co., Fayetteville, N. Y.
- Bangs, Jno. D., & Co., cooking apparatus, 421 S. Wabash av, Chicago, Ill.
- Banister, A. W., Co., exhaust & blow piping, 421 Dorchester av, S., Boston, Mass.
- Banister Mills, flour, Houston, Va.
- Banister & Pollard, wool hdwe. & mill & facty. supplies, 206 Market, Newark, N. J.
- Banker, A. M., contractor, Gloversville, N. Y.
- Banker, C. P., rural mail boxes, Lawrence, Kansas.
- Banker Mfg. Co., door checks & springs, New Brunswick, N. J.
- Banker Wind Shield Co., automobile, 5722 Ellsworth av, Pittsburgh, Pa.
- Bankers' Ink Co., Kansas City, Mo.
- Bankers' Pen Co., 1 Madison av, New York.
- Banks Bros., masons' & bldrs.' matls., Biddeford, Me.
- Banks Bros. Packing Co., meat packers, Norfolk, Va.
- Banks, F. S., & Co., ink erasers, 149 Church, New York.
- Banks Supply Co., mill & facty. supplies, Huntington, W. Va.
- Banks, W. O., architect, 2325 Larkin, San Francisco, Cal.
- Bannantine Galvanized Iron Mfg. Co., 117 Soulard, St. Louis, Mo.
- Banner Buggy Co., Main & Rutger, St. Louis, Mo.
- Banner Canning Co., Ogden, Utah.
- Banner Chemical Co., Denver, Colo.
- Banner Clay Wks., brick, Edwardsville, Ill.
- Banner Coal & Sand Co., masons' & bldrs.' matls., R. I. & Wabash & Euclid, St. Louis, Mo.
- Banner Elec. Wks. of Gen. E. Co., incandescent elec. lamps, Youngstown, Ohio.
- Banner Fertilizing Co., Benson, N. C.
- Banner Iron Works, bldrs.' iron wks., Shaw av & Oak Hill, St. Louis, Mo.
- Banner Lumber Co., 735 Manchester, St. Louis, Mo.
- Banner Machine Co., Columbiana, Ohio.
- Banner Mfg. Co., aqua ammonia, 373 Adelaide, Detroit, Mich.
- Banner Mfg. Co., cradles, Mt. Airy, N. C.
- Banner Mfg. Co., pipe couplings, basin cocks, 100 Lafayette, New York.
- Banner Packing Co., Lebanon, Ohio.
- Banner Rock Products Co., insul'n. cork, min'l, wool mfrs., Alexandria, Ind.
- Banner Roller Mills, Lincolnton, N. C.
- Banner Rubber Co., Keurick & Bittner, St. Louis, Mo.
- Banner Sash & Door Co., 8025 S. B'way, St. Louis, Mo.
- Banner Utilities Co., bottle & window brushes, etc., Rutherford, N. J.
- Banner Window Glass Co., So. Charleston, W. Va.
- Banners Ferry L'br. Co., Banners Ferry, Idaho.
- Banning Canning Co., Banning, Cal.
- Banning, Cooper & Co., pig iron, Oliver Bldg., Pittsburgh, Pa.
- Banning, L. G., lumber mfrs., 5th & Main, Cincinnati, Ohio.
- Banning, W. E., Stamp & Stencil Wks., Syracuse, N. Y.
- Bannister, A. F., & Co., cutlery mfrs., Newark, N. J.
- Bannister, Geo. M., & Co., sweaters, etc., 3562 N. Marshall, Philadelphia, Pa.
- Bannister, Geo. S., architect, 115 S. Dearborn, Chicago, Ill.
- Bannister Marble & Granite Wks., stone producers, Bristol, Pa.
- Bannister & Schell, architects, 67 Wall, New York.
- Bannon Lbr. Co., Syracuse, N. Y.
- Bannon, Michael E., architect, Fort Madison, Ia.
- Bannon, P., Pipe Co., 528 W. Jefferson, Louisville, Ky.
- Bannon P., & Sons, masons' & bldrs.' matls., 129 Richards, Brooklyn, N. Y.
- Banta & Bender Co., incubators & refrigerators, Ligonier, Ind.
- Bantam Anti-Friction Co., ball, roll & thrust bearings, etc., Bantam, Conn.
- Bantel, M., contractor, New Rochelle, N. Y.
- Banting Machine Co., Toledo, Ohio.
- Bantleon Bros. Co., sash, door & blind mfrs., Rochester, N. Y.
- Bantz Bros., wood handles, Hoboken, N. J.
- Baragwanath, Wm., & Son, steam condensers, heaters, pumps, etc., 1260 W. Division, Chicago, Ill.
- Baranowitz, M., machsts., 218 Centre, New York.
- Barataria Canning Co., No. Peters & Mozant, New Orleans, La.
- Barbara & D'Aurio, contractors, Waterbury, Conn.
- Barbeau & Werring, contractors, N. W. Bldg., Minneapolis, Minn.
- Barbed Anchor Mfg. Co., Louisville, Ky.
- Barbee, Jno. T., & Co., distillers, Versailles, Ky.
- Barbee Wire & Iron Works, 180 N. Dearborn, Chicago, Ill., & Lafayette, Ind.
- Barber, A. H., Creamery Supply Co., machsts., 300 W. Austin, Chicago, Ill.
- Barber Asphalt Paving Co., 294 Washington, Boston, Mass., 7 S. Dearborn, Chicago, Ill., & Land Title Bldg., Phila., Pa.
- Barber-Bradley Construction Co., 1824 E. 15th, Los Angeles, Cal.
- Barber Bros., machsts., Syracuse, N. Y.
- Barber Car Co., York, Pa.
- Barber, Chas. L., sash, door & blind mfr., Orange, N. J.



- Barber-Colman Co., textile machy., milling cutters, etc., Rockford, Ill.
- Barber Donn, architect, 101 Park av, New York.
- Barber, Earl W., architect, Superior, Wis.
- Barber, Edgar J., architect, Dennison, Ia.
- Barber, G. L., fertilizer mfrs., Jacksonville, Tex.
- Barber, H. J., contractor, 560 E. Grand blvd, Detroit, Mich.
- Barber, H. S., masons' & bldrs.' matls., Penns Grove, N. J.
- Barber, Horace, Distilling Co., Warehouse Point, Conn.
- Barber, J. F., & Co., whol. hdwe., Hazleton, Pa.
- Barber Leather Co., North Adams, Mass.
- Barber & McMurray architects, Knoxville, Tenn.
- Barber, M. A., mchsts. & fdrs., Norwich, Conn.
- Barber, M. D., lbr. mfrs., Macclenny, Fla.
- Barber Mfg. Co., bed springs, Anderson, Ind.
- Barber Mfg. Co., cotton webbing, tapes, etc., Lowell, Mass.
- Barber Mfg. Co., iron (architectural & ornamental), Ashtabula, Ohio.
- Barber Milling Co., flour, 552 Cham. Commerce, Minneapolis, Minn.
- Barber & Ross, whol. hdwe., 11th & G., N. W., Washington, D. C.
- Barber, T. P., architect, 1st Nat'l Bk. Bldg., Colorado Springs, Colo.
- Barber Turpentine Co., Milton, Fla.
- Barbey, H. J., canned goods, 220 Front, Portland, Ore.
- Barbon Slate Co., Slatington, Pa.
- Barbour Bros., machsts., Trenton, N. J.
- Barbour Buggy Co., carriages, South Boston, Va.
- Barbour Chemical Works, 354 Pine, San Francisco, Cal.
- Barbour Flax Spinning Co., packing, twine, etc., Paterson, N. J.
- Barbour, J. E., Co., linen thread, Paterson, N. J.
- Barbour Silver Co., Meriden, Conn.
- Barbour Stockwell Co., mchsts. & fndrs., confectioners' machy., 205 B'way, Cambridge, Mass.
- Barbourville Brick & Tile Co., Barbourville, Ky.
- Barekley, John P., & Son, cornices & skylights, Batavia, Ill.
- Bareklow & Fulton, contractors, Camden, N. J.
- Barclay, Alex. M., htg. contrs., 113 N. 6th, Philadelphia, Pa.
- Barclay, Ayers & Bertsch Co., mill & facty. supplies, Grand Rapids, Mich.
- Barclay Bros., granite, Barre, Vt.
- Barclay, D., & Sons, blue prints, 1515 Sansom, Philadelphia, Pa.
- Barclay, John E., contractor, Norfolk, Va.
- Barclay Naval Stores Co., 44 Whitehall, New York.
- Barclay, W. A., Jr., heating contractors, 314 Pacific av, Jersey City, N. J.
- Barco Brass & Joint Co., 226 N. Jefferson, Chicago, Ill.
- Barcola Mfg. Co., grinders, wrenches, etc., Buffalo, N. Y.
- Barcroft, Fred, machsts., Madera, Cal.
- Barcroft, Fred'k T., architect, Fine Arts Bldg., Detroit, Mich.
- Barcus Bros., saws, Muskegon, Mich.
- Barcus, G. F., masons' & bldrs.' matls., Rochester, Ind.
- Barcus Mfg. Co., tuyere irons, Wabash, Ind.
- Barcy-Nicholson Co., connectors, guards, metal polish, 837 W. Fort, Detroit, Mich.
- Bard, Chas. G., mill & facty. supplies, Kalamazoo, Mich.
- Bard Hardware Co., hdwe., whol., 800 Penn av, Reading, Pa.
- Bard Union Co., Norwich, Conn.
- Bardall, J. C., Co., corn brooms, Moundville, W. Va.
- Barde, M., & Sons, machy. dealers, Portland, Ore.
- Bardeen Paper Co., Otsego, Mich.
- Barden Electric & Machinery Co., Houston, Tex.
- Barden, Peter, granite, Providence, R. I.
- Barden & Robeson, carriage hubs, Penn Yann, N. Y.
- Bardens & Oliver, lathes, etc., 1133 W. 9th, Cleveland, Ohio.
- Bardes, E. H., Range & Fdry. Co., 2629 Colerain av, Cincinnati, Ohio.
- Bardley, Chas. W., architect, Brown Bldg., Rockford, Ill.
- Bardsley Bros. Co., elevator gates, doors, etc., 151 Baxter, New York.
- Bardwell-Robinson Co., sashes, doors & blinds, 24th, av N, & 2d, Minneapolis, Minn.
- Barre, D. M., Paper Co., Roaring Springs, Pa.
- Bareis, Geo. F., sash, doors & blinds, Canal Winchester, Ohio.
- Barenfanger, C. W., Jr., Carriage Wks., Evansville, Ind.
- Barfield, Wm. G., architect, 58 W. Washington, Chicago, Ill.
- Barfly Screen Co., barfly window & door rolling screen mfrs., 22 Monument sq, Portland, Me.
- Bargelt & Son, cornices, Hanover, Pa.
- Barill, Alfredo, Jr., architect, Grant Bldg., Atlanta, Ga.
- Baringer, M. F., mill, dairy & corn feed, Bourse, Phila., Pa.
- Bark River Bridge & Culvert Co., Bark River, Mich.
- Barkelew Elec. Mfg. Co., cut-outs, machsts., Middletown, Ohio.
- Barker, A. Iron Co., scrap iron & rubber, Springfield, Ill.
- Barker, C. L., engines, Norwalk, Conn.
- Barker-Cardy Mach. Co., Jacksonville, Fla.
- Barker, Chadsey & Co., wholesale hwde & mill & facty. supplies, 38 Westminster, Providence, R. I.
- Barker Chemical Co., Inglis, Fla., & Savannah, Ga.
- Barker, Clarence G., architect, Salinas, Cal.
- Barker & Co., lumber, 53 State, Boston, Mass.
- Barker Cotton Mills, Mobile, Ala.
- Barker, F. H., flour, High Point, N. C.
- Barker, Frank M., flour mills, Mendota, Va.
- Barker, Fred, fndr., Paterson, N. J.
- Barker, Fred. K., Lumber Co., lumber mfrs. & wholesalers, Everett, Wash.
- Barker, G. S., & Son, mchsts., fndrs., Scranton, Pa.
- Barker, Geo. M., masons' & bldrs.' matls., 649 New York av, N. W., Washington, D. C.
- Barker, H. & Co., starch mfrs., Chamber of Commerce, Boston, Mass.
- Barker, H. R., Mfg. Co., machsts., mill & facty. supplies, Lowell, Mass.
- Barker & Hamilton, mill & facty. supplies, 4th & Brannan, San Francisco, Cal.
- Barker, Henry, & Co., canned goods, Millsboro, Del.
- Barker, Jas., castings, grate bar mfrs., etc., 6th & Cayuga, Philadelphia, Pa.
- Barker-Jennings Hardware Co., Lynchburg, Va.
- Barker & Kelly, carriages, 456 Penn., Washington, D. C.
- Barker Lumber Co., Woburn, Mass.
- Barker Mfg. Co., machsts. & fdrs., David City, Neb.
- Barker, Rose & Clinton Co., wholesale hwde., Elmira, N. Y.
- Barker, Russell F., architect, 43 Ann, Hartford, Conn.
- Barker-Sweet Mfg. Co., file & rasp mfrs., 220 N. Y. av, Jamaica, N. Y.
- Barker, W. P., masons' & bldrs.' matls., Batavia, Ill.
- Barker, Wm., & Co., machsts., & screw cutting lathes, Wheeler & Pleasant av, Cincinnati, Ohio.
- Barker, Wm. G., Co., lumber, 141 Milk, Boston, Mass.
- Barkhausen, Carl, architect, 70 Wisconsin, Milwaukee, Wis.
- Barkhausen, Henry A., masons' & bldrs.' matls., Green Bay, Wis.
- Barkhorn, Wm. H., Co., sash, door & blind mfrs., 22 Sayre, Newark, N. J.
- Barkley, A., Canning Co., Carlyle, Ill.
- Barkley, N. Smith, contractor, 1324 W. 5th, Wilmington, Del.
- Barkman, Geo., architect, Hamilton, Ohio.
- Barks & Barstow Mfg. Co., mill bldgs. & roof trusses, Valley Park, Mo.
- Barkwill Brick Co., ft. E. 75th, Cleveland, Ohio.
- Barkwill-Farr Co., brick, Cleveland, Ohio.
- Barlor, A. C., Mfg. Co., document boxes, 341 E. Ohio, Chicago, Ill.
- Barleson, Jas. A., contractor, Ambler, Pa.
- Barley, J. E., canned goods, East Hebron, Me.
- Barley Mfg. Co., auto. bldrs., Streator, Ill.
- Barley Motor Car Co., Streator, Ill.
- Barley & Spencer Lbr. Co., Marion, Ind.
- Barley, Thos. K., agricultural implements, Sedalia, Mo.
- Barlow, A. G. & Son, lumber, Westford, Conn.
- Barlow, Alfred E., architect, 286 5th av, New York.
- Barlow Bros., R. R. stationery, Grand Rapids, Mich.
- Barlow Bros., belting mfrs., 543 N. 64th, Philadelphia, Pa.
- Barlow Bros., contractors, 614 Fellows av, Syracuse, N. Y.
- Barlow Co., mchsts. & fdrs., advertising nov. & spec., Holyoke, Mass.
- Barlow & Co., steam fitters' supplies, Ossining, N. Y.
- Barlow, Edwin T., architect, North Adams, Mass.
- Barlow Fndry. Co., 551 R. R. av Newark, N. J.
- Barlow Hardware Co., Corry, Pa.
- Barlow, John W., Co., mill & facty. supplies, textile machy., Lawrence, Mass.
- Barlow & Kent Co., carpet beaters, Urbana, Ohio.
- Barlow, M. C., contractor, Columbus, Ga.
- Barlow & Seeling Mfg. Co., clothes washing machines, Ripon, Wis.
- Barlow, W. F., Jr., architect, Brockton, Mass.
- Barlum, Jno. J., meat packers, 319 Lincoln av, Detroit, Mich.
- Barlum, Thos. & Sons, meat packers, Bates & Cadillac sq, Detroit, Mich.
- Barnaby, C. H., lbr., Greencastle, Ind.
- Barnard, Arthur H., lumber, 206 Lumber Ex., Minneapolis, Minn.
- Barnard & Bennett Co., contractors, Rochester, N. Y.
- Barnard, Edw., Co., harness mfrs., Rome, N. Y.
- Barnard, F. A., & Son, printing inks, 529 S. Dearborn, Chicago, Ill.
- Barnard, Geo. A., cornices, Worcester, Mass.
- Barnard, Geo. D., & Co., handcuffs, etc., Laclede & Vandeventer, St. Louis, Mo.
- Barnard, H. B., contractors, 140 S. Dearborn, Chicago, Ill.
- Barnard, Houston, contractor, Rochester, N. Y.
- Barnard & Leas Mfg. Co., mchsts. & fndrs., & mill & facty. supplies, Moline, Ill.
- Barnard Machinery Co., Enterprise, Kans.
- Barnard Mfg. Co., mill & facty. supplies, Spokane, Wash.
- Barnard, Porter & Remington, plate glass, Rochester, N. Y.
- Barnard Stamp Co., 311 Olive, St. Louis, Mo.
- Barncott, J. F., & Son, carriages, 2463 Westchester av, New York.
- Barner-Mead Lumber Co., 1962 E. 107th, Cleveland, Ohio.
- Barnes, A. H., & Co., contractors, Logansport, Ind.
- Barnes, A. J., architect, 7114 Hawthorne av, Los Angeles, Cal.
- Barnes, A. S., contractor, 215 W. 7th, Los Angeles, Cal.
- Barnes, Almond W., soap, 32 Eagle, Brooklyn, N. Y.
- Barnes, B. F., contractor, Logansport, Ind.
- Barnes Bros., contractors, Logansport, Ind.
- Barnes Bros., poultry supplies, Wellsville, N. Y.
- Barnes, Chas., Co., machsts., 55 Main, Cincinnati, Ohio.
- Barnes, Chas. F. J., architect, Kresge Bldg., Detroit, Mich.



- Barnes Drill Co., 814 Chestnut, Rockford, Ill.  
 Barnes, E. H., Co., box shooks, 61 B'way, New York.  
 Barnes, F. C., Co., canned goods, Worcester Bldg., Portland, Ore.  
 Barnes, F. G., lumber, Silver Lake, Wash.  
 Barnes, H. N., contractor, South Bend, Ind.  
 Barnes, Harry A., contractor, Logansport, Ind.  
 Barnes, Henry K., Co., fire extinguishers, 234 Devonshire, Boston, Mass.  
 Barnes & Irving, Inc., machinery. dealers & mill supplies 565 S. Clinton, Syracuse, N. Y.  
 Barnes, J. A., Mach. Co., Oshkosh, Wis.  
 Barnes, James I., contractor & masons' & bldrs.' matls., Logansport, Ind.  
 Barnes, Julian, architect, 332 S. La Salle, Chicago, Ill.  
 Barnes & Robert Mfg. Co., bolts, etc., Milldale, Conn.  
 Barnes-Lindsley Mfg. Co., wood cross arms, Portland, Ore.  
 Barnes Mfg. Co., agricultural implements, Lanesboro, Pa.  
 Barnes Mfg. Co., machsts. & fndrs., pumps, Mansfield, Ohio.  
 Barnes Mfg. Co., sashes, doors & blinds, W. End, Jersey City, N. J.  
 Barnes National Ink Co., 222 N. 5th, Philadelphia, Pa.  
 Barnes & Nuss Co., wholesale hdwe., Grand Forks, N. D.  
 Barnes Paper Mills, Rochester, Mich.  
 Barnes, Roderic B., architect, 15 E. 40th, New York.  
 Barnes-Ross Co., match safes, Indianapolis, Ind.  
 Barnes, R. & Co., wall paper, York, Pa.  
 Barnes Safe & Lock Co., bank vaults, 941 Liberty, Pittsburgh, Pa.  
 Barnes Safe & Vault Co., 12 N. 12th, Richmond, Va.  
 Barnes, Sam'l W., & Son, htg. contrs., 2104 N. 6th, Phila., Pa.  
 Barnes Sand & Gravel Co., Portsmouth, Ohio.  
 Barnes & Shearer, masons' & bldrs.' matls., Hobart, Ind.  
 Barnes, T. M., bank railings, Bridgeport, Conn.  
 Barnes Thompson Hardware Co., Memphis, Tenn.  
 Barnes Tool Co., machsts., New Haven, Conn.  
 Barnes & Van Bergen, contractors, Elizabeth, N. J.  
 Barnes, W. F., & John, Co., mchsts. & fndrs., Rockford, Ill.  
 Barnes, W. S., common brick, Onarga, Ill.  
 Barnes, The Wallace, Co., springs, screw machine products, stampings, washers & cold rolled steel, 18 Wallace, Bristol, Conn. *See adv index at end of book.*  
 Barnes, Winfield S., & Co., steel struct. wk., 1614 Cherry, Philadelphia, Pa.  
 Barnes Wire Fence Co., archl. iron, 556 Grand River av, Detroit, Mich.  
 Barnesville Mfg. Co., woolen blankets, Barnesville, W. Va.  
 Barnett, A. J., architect, 77 College av, San Francisco, Cal.  
 Barnett Auto Body Co., 425 Golden Gate, San Francisco, Cal.  
 Barnett & Brown, janitors' supplies, 162 Pearl, New York.  
 Barnett Drop Forging Co., Easthampton, Mass.  
 Barnett, F. B., contractor, Frankfort, Ind.  
 Barnett, G. & H., Co., file & rasp mfrs., 1076 Frankford av, Philadelphia, Pa.  
 Barnett, G. W., Hardware Co., Montgomery, Ala.  
 Barnett, Haynes & Barnett, architects, Century Bldg., St. Louis, Mo.  
 Barnett, Ira, fountain pens, pencils, 61 Beekman, New York.  
 Barnett, J. H., canned goods, Westminster, S. C.  
 Barnett, John, blower mfrs., Rochester, N. Y.  
 Barnett Lumber Co., Birmingham, Ala.  
 Barnett, Oscar, Fdry. Co., Lyons av, Newark, & Irvington, N. J.  
 Barnett & Record Co., contractors, Duluth & Minneapolis, Minn.  
 Barnett, T. P., Co., architects, Cent. Nat. Bk. Bldg., St. Louis, Mo.  
 Barnett, Wm., & Sons, starch mfrs., 730 S. Broad, Phila., Pa.  
 Barney & Berry, machsts., Springfield, Mass.  
 Barney-Cavanagh Hardware Co., Mobile, Ala.  
 Barney, Chas. J., contractor, Wilkes-Barre, Pa.  
 Barney & Colt, architects, 40 W. 38th, New York.  
 Barney, H. M., tubular boilers, Petrolia, Pa.  
 Barney, John M., architect, 250 W. 108th, New York.  
 Barney, M. C., & Son, stone producers, Flint, Mich.  
 Barney Marble Wks., Swanton, Vt.  
 Barney, Morgan, naval architect, 29 B'way, New York.  
 Barney & Smith Car Co., Keowee, Dayton, Ohio.  
 Barney Ventg. Fan Wks., 147 Pearl, Boston, Mass.  
 Barnhart Bros. & Spindler, lead pipe fdrs., 32 Throop, Chicago, Ill.  
 Barnhart-Davis Co., mchsts. & fndrs., Warren, Pa.  
 Barnhill, J. F., turpentine, Homerville, Ga.  
 Barnicoat, Fred, granite, S. Quincy, Quincy, Mass.  
 Barnstead Still & Sterilizer Co., stills & sterilizing apparatus mfrs., Forest Hills, Boston, Mass.  
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 Barnum Bros. Co., mill & facty. supplies, Troy, N. Y.  
 Barnum, E. T., iron & wire works, 864 Woodward av, Detroit, Mich.  
 Barnum, F. S., architect, Board of Education Bldg., Cleveland, Ohio.  
 Barnum-Richardson Co., mchsts. & fdrs., Lime Rock, Conn.  
 Barnum, S. H., archl. iron, New Haven, Conn.  
 Barnum Trunk Co., 804 Nicollet, Minneapolis, Minn.  
 Barnwell & Barnwell, architects, Hamilton Natl. Bk. Bldg., Chattanooga, Tenn.  
 Barnwell, E. P., contractor, 398 14th, Buffalo, N. Y.  
 Baron, Carol F., architect, 1365 Pembroke, Bridgeport, Conn.  
 Barr, A. B., & Co., steam htg. contrs., Yonkers, N. Y.  
 Barr, Andrew, common brick, Urbana, Ill.  
 Barr Bros. Co., bag needles & butchers' knives, Oakland, Cal.  
 Barr, C. D., flour, lbr., Leesville, S. C.  
 Barr Chemical Co., case hardening compounds, 255 Douglass, Brooklyn, N. Y.  
 Barr Clay Co., brick, Streator, Ill.  
 Barr & Creelman Co., mill & facty. supplies, Rochester, N. Y.  
 Barr, J. E., Pickling & Preserving Co., canned goods, St. Cloud, Minn.  
 Barr, J. Toner, contractor, 434 Diamond, Pittsburgh, Pa.  
 Barr, John, masons' & bldrs.' matls., Ogdensburgh, N. Y.  
 Barr, Jno. A., & Co., mchsts. & fdrs., 91 Wareham, Boston, Mass.  
 Barr, L. L., cornices & skylights, Greenville, S. C.  
 Barr, N. W., lumber, Houston, Ohio.  
 Barr, Newton L., mchsts. & fndrs., Elba, N. Y.  
 Barr, Peter, stone producers, Shamokin, Pa.  
 Barr, T. M., cornices & skylights, Salem, Ore.  
 Barr, Thaw & Fraser Co., stone, Hoboken, N. J.  
 Barr, W. B., Co., contractors, 805 B'way, Cincinnati, Ohio.  
 Barr, W. L., lumber, Greenfield, Ohio.  
 Barre, Ferdinand, reinf. concrete steel const., Equitable Bldg., Baltimore, Md.  
 Barre Granite & Quarry Co., Barre, Vt.  
 Barre Medium Granite Co., Barre, Vt.  
 Barre Monumental Yard, granite prod., Barre, Vt.  
 Barrel & Box. trade publications, 537 S. Dearborn, Chicago, Ill.  
 Barrell, Wm. L., Co., canvas goods mfrs., 8 Thomas, New York.  
 Barrett Adding Machine Co., Bulletin Bldg., Philadelphia, Pa.  
 Barrett Brewery Co., loose leaf devices, 732 Federal, Chicago, Ill.  
 Barrett Bros., mchsts. & fdrs., 43 Haverhill, Boston, Mass.  
 Barrett, C. T., architect, Logan, Utah.  
 Barrett Changer Co., counting machines, 616 So. Michigan blvd, Chicago, Ill.  
 Barrett, Chas. H., architect, 381 Bush, San Francisco, Cal.  
 Barrett Chemical Co., insecticides, 87-35th, Brooklyn, N. Y.  
 Barrett, Christie Co., mill & factory supplies, 37 S. Clinton, Chicago, Ill.  
 Barrett Co., chemicals, paints & roofing mfrs., 17 Battery pl, New York.  
 Barrett-Cravens Co., elevating trucks, 608 S. Dearborn, Chicago, Ill.  
 Barrett, Denton & Lynn Co., flour, Dalton, Ga.  
 Barrett, Fred L., architect, 910 S. Michigan av, Chicago, Ill.  
 Barrett Fruit Kitchen, canned, Newark, N. J.  
 Barrett Hardware Co., Joliet, Ill.  
 Barrett-Hicks Co., cornices & skylights, Fresno, Cal.  
 Barrett, J. S., Lbr. Co., Mobile, Ala.  
 Barrett, James A., architect, Connell Bldg., Scranton, Pa.  
 Barrett, Jas., Mfg. Co., plumbing supplies & specialties, 117 Pearl, Boston, Mass.  
 Barrett, Jas., & Son, masons' & bldrs.' matls., Doylestown, Pa.  
 Barrett, Jas. T., contractor, Cambridge, Mass.  
 Barrett, John, & Son, ship bldrs., Cincinnati, Ohio.  
 Barrett, M. L., & Co., bronze powders & liquids; lacquer mfrs., 233 W. Lake, Chicago, Ill.  
 Barrett Mach. Tool Co., machsts., Meadville, Pa.  
 Barrett, Robert W., contractor, Hartford, Conn.  
 Barrett, Thos. A., architect, Eaton, Ohio.  
 Barrett Varnish Co., W. 16th & S. 50th, Ct., Chicago, Ill.  
 Barrett, W. C., & Bro., curtain rods & hardware mfrs., 603 N. La Salle, Chicago, Ill.  
 Barrett, W. E., Co., whol. hdwe., 80 Canal, Providence, R. I.  
 Barrett & Wall, steam htg. contrs., 40 Allyn, Hartford, Conn.  
 Barrett, Wm., contractor, 27 Hunneman, Boston, Mass.  
 Barrett, Wm. E., & Co., lbr. mfrs., 29 E. Madison, Chicago, Ill.  
 Barrick, S. W., & Son, lime, Woodsboro, Md.  
 Barringer, Wm. C., cornices, Decatur, Ill.  
 Barrington Steam Brick Co., 10 Weybosset, Providence, R. I.  
 Barris-Kenyon Co., whol. hdwe. & mill & facty. supplies, Pittsfield, Mass.  
 Barron-Crawford Construction Co., Wainwright Bldg., St. Louis, Mo.  
 Barron, H. J., & Co., mill & facty. supplies, 149 B'way, New York.  
 Barron, Jas. S., & Co., whol. hdwe., 221 W. B'way, New York.  
 Barron Red Pressed Brick Co., Barron, Wis.  
 Barron Woolen Mill Co., woolen blankets, Barron, Wis.  
 Barrott, E., & Son, masons' & bldrs.' matls., Lawrenceburg, Ind.  
 Barrow, H. E., & Co., fertilizer mfrs., Farmville, Va.  
 Barrow, John H., & Co., envelope sealing machs., 5 N. La Salle, Chicago, Ill.  
 Barrow Laboratory Co., chemists, Memphis, Tenn.  
 Barrow-Scott Milling Co., flour, Bristol, Tenn.  
 Barrow, W. B., contractor, Raleigh, N. C.  
 Barrows, Chas. S., architect, 344 East av, Rochester, N. Y.  
 Barrows, Geo. A., Lime Co., 1701 13th, Denver, Colo.  
 Barrows, H. F., & Co., silver nov., N. Attleboro, Mass.  
 Barrows Lock Co., metal nov. & specialties, Lockport, Ill.  
 Barrows Mfg. Co., cordage & twine mfrs., Lansdale, Pa.  
 Barrus, Geo. H., consulting htg. engrs., Pemberton Bldg., Boston, Mass.  
 Barry Co., mchsts. & fndrs., Muscatine, Iowa.  
 Barry, David J., contractor, 64 E. Manning, Providence, R. I.  
 Barry, E. J., paris green, 94 Beekman, New York.  
 Barry & Henneberger, masons' & bldrs.' matls., Paducah, Ky.  
 Barry & McAlister, horse collars, 233 Race, Philadelphia, Pa.  
 Barry, Smith & Withers, architects, Paris, Tex.  
 Barry-Wehmler Machinery Co., bottles, machy. & supplies, 6501 Florissant av, St. Louis, Mo.



- Barry, Wm. E., architect, Kennebunk, Me.  
 Barry, Wm. J., contractor, 439 Ashland, Boston, Mass.  
 Barry & Zecher Co., machinists, Lancaster, Pa.  
 Barschi, Harry, ash cans, 411 E. 197th, New York.  
 Barse, C. V. B., Co., oil well supplies, Olean, N. Y.  
 Barston & Millard, contractors, Peoria, Ill.  
 Barstow, J. P., & Co., steam fitters' supplies, Norwich, Conn.  
 Barstow, W. S., & Co., Inc., contractors, 50 Pine, New York.  
 Barstow Stove Co., combination heaters, 116 Point, Providence, R. I.  
 Bartberger, Jones & Fisher, architects, Westinghouse Bldg., Pittsburgh, Pa.  
 Bartelmann, R. W., Co., sash, door & blind mfrs., 910 Weed, Chicago, Ill.  
 Bartelme Co., lumber, E. Henn & 6th av, S. E., Minneapolis, Minn.  
 Bartels, J. H., trunk mfrs., 3 Wooster, New York.  
 Bartelstone Bros., plate glass, 4179 3d av, New York.  
 Bartelstone & Co., plate glass, 1170 B'way, New York.  
 Bartenslager, J. H., fertilizer mfrs., Stewartstown, Pa.  
 Barth, A. H., Jr., boxes—rural mail, Lamar, Mo.  
 Barth, Herman, architect, 12 Geary, San Francisco, Cal.  
 Barth, Jas. H., trunk mfr., 449 E. Water, Milwaukee, Wis.  
 Barth Mfg. Co., lifting jacks, 350 Milwaukee, Milwaukee, Wis.  
 Barthel, Bernard, brewery archt., 127 N. Dearborn, Chicago, Ill.  
 Barthold & Casey, masons' & bldrs.' matls., Houston, Tex.  
 Bartholomaei, Max, Son & Co., contractors, 466 Warren av, Detroit, Mich.  
 Bartholomew Co., auto. bldrs., mchsts. & fndrs., Peoria, Ill.  
 Bartholomew & Co., cornices & skylights, Michigan City, Ind.  
 Bartholomew, Edw. W., Lbr. Co., Buffalo, N. Y.  
 Bartholomew, H. M., architect, 39 E. Grant, Lancaster, Pa.  
 Bartholomew, M. L., floor plates, Phoenixville, Pa.  
 Bartholomew, Paul A., architect, Greensburg, Pa.  
 Bartholomew, R. C., lbr. mfs., Springfield, Mass.  
 Bartholomew Roofing Co., Memphis, Tenn.  
 Bartle, A. C., Lumber Co., Newark, N. Y.  
 Bartle Bros., stone, Plainfield, N. J.  
 Bartle, H. J., Mfg. Corp., tent, etc., mfrs., Troy, N. Y.  
 Bartlesville Vitriified Brick Co., Bartlesville, Okla.  
 Bartlesville Zinc Co., Bartlesville, Okla.  
 Bartlett, A. F., & Co., mchsts. & fndrs., Saginaw, Mich.  
 Bartlett, A. L., Co., masons' & bldrs.' matls., Rockford, Ill.  
 Bartlett Box & Lumber Co., Westboro, Mass.  
 Bartlett Bros. Co., htg. contrs., regulators, etc., 178 Huron, Cleveland, Ohio.  
 Bartlett, C. H., architect, 580 Mass. av, Boston, Mass.  
 Bartlett, C. O., & Snow Co., agrlt. impts., conveying machy., crushers, dryers, etc., French, Cleveland, Ohio.  
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 Bartlett & Co., masons' & bldrs.' matls., Binghamton, N. Y.  
 Bartlett & Co., mine car wheels, Saginaw, Mich.  
 Bartlett & Dow Co., wholesale hdwe. & mill & facty supplies, Lowell, Mass.  
 Bartlett, E. E., machy., 326 A, Boston, Mass.  
 Bartlett, Edw., contractor, Watertown, Wis.  
 Bartlett Excelsior Co., excelsior, Melvin Mills, N. H.  
 Bartlett, Geo. M., architect, 103 Park av., New York.  
 Bartlett Hayward Co., mfrs. tanks, stoves, etc., Baltimore, Md.  
 Bartlett, Herbert F. J., architect, Caldwell, N. J.  
 Bartlett, J. B. C., Iron Wks., 229 W. 36th, New York.  
 Bartlett, J. E. Co., masons' & bldrs.' matls., Jackson, Mich.  
 Bartlett, Joseph F., sash, door & blind, Turners Falls, Mass.  
 Bartlett, L. D. & Son, rakes—garden or lawn, etc., South Tamworth, N. H.  
 Bartlett & McFarlane, masons' & bldrs.' matls., Waterloo, Ia.  
 Bartlett Mfg. Co., shears, 40 Lafayette, E. Detroit, Mich.  
 Bartlett Mill Co., lumber, Machias, Wash.  
 Bartlett, O. L., butchers' blocks, Mound City, Ill.  
 Bartlett, R. R., architect, Astoria, Ore.  
 Bartlett, Sam'l L., architect, German Life Bldg., St. Paul, Minn.  
 Bartlett, W. Orrin, architect, 738 Broad, Newark, N. J.  
 Bartlett, W. T. S., mill & facty. supplies, Lowell, Mass.  
 Bartlett, W. S., lbr., South Kingston, N. H.  
 Bartlett, W. T. S., machy. dlrs., Lowell, Mass.  
 Bartlett, W. W., window screens, Leominster, Mass.  
 Bartley Bros. & Hall, horse clippers, 50 Warren, New York.  
 Bartley, Jonathan, Crucible Co., crucible phosphorizers & plumbago stoppers, Trenton, N. J.  
 Bartley-Kennedy Co., heating contrs., 224 3d av, Pittsburgh, Pa.  
 Bartley Mfg. Co., bags & bagging, 261 South, New York.  
 Bartley, R. C., Co., mchsts. & fndrs., Bartley, N. J.  
 Bartley, Wm. & Sons, mchsts. & fndrs., Bartley, N. J.  
 Bartlum, Geo. L., sponges, Key West, Fla.  
 Barton & Bro., flour mills, Summers, Ark.  
 Barton, C. B., architect, 1st Trust & S. B. Bldg., Oakland, Cal.  
 Barton County Flour Mills Co., Great Bend, Kans.  
 Barton, Cyrus, masons' & bldrs.' matls., Lowell, Mass.  
 Barton, F. C., tapes, braids, webbings, etc., 65 Worth, New York.  
 Barton, Francis M., Co., architects, 237 S. 5th av, Chicago, Ill.  
 Barton, Geo. H. W., cornices & skylights, Bath, Me.  
 Barton, H. H. & Son Co., flint paper, 109 S. 3d, Philadelphia, Pa.  
 Barton, Howard H., architect, Brattle Bldg., Cambridge, Mass.  
 Barton, J. E., sash, door & blind, Anderson, S. C.  
 Barton, Jno. W., steam traps, 2707 Vestry av, Cleveland, Ohio.  
 Barton Lumber & Brick Co., Jonesboro, Ark.  
 Barton Mfg. Co., rubber stamps, 87 Duane, New York.  
 Barton Salt Co., Hutchinson, Kans.  
 Barton, W. C., architect, Hubbell Bldg., Des Moines, Ia.  
 Bartoo, Elfred H., architect, Ackerman Bldg., Binghamton, N. Y.  
 Bartow Brick Co., Atlanta, Ga.  
 Bartow Consolidated Canning Co., Manzanola, Colo.  
 Bartsch, August, flour mills, Paris, Ark.  
 Bartsch, Valentine, glass stainers, Roslindale, Boston, Mass.  
 Bartz, Jno. J., steel structural wk., 249 15th, Milwaukee, Wis.  
 Baruch Elec. Controller Co., circuit breakers & enclosed fuses, 111 Kearny, San Francisco, Cal.  
 Barwell, John W., fertilizer mfrs., Waukegan, Ill.  
 Barwick, Thos., Engng. Co., consulting htg. engrs., 126 Liberty, New York.  
 Barwise, N. C., Packing Co., Denver, Colo.  
 Barwood, L. J., Co., leather, felts, fibre, washers, gaskets & packings, mfrs., Stoneham Station, Boston, Mass.  
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 Bashche-Sage Hardware Co., Baker, Ore.  
 Bascom & Co., mchsts. & fndrs., Troy, N. Y.  
 Bascom, D. C., masons' & bldrs.' matls., Ticonderoga, N. Y.  
 Basford, Erickson & Co., cornices, 24 Armat, Gtn., Phila., Pa.  
 Bash, C. E. & Co., masons' & bldrs.' matls., Huntington, Ind.  
 Bash, S. & Co., fertilizer mfrs., Fort Wayne, Ind.  
 Bashford, E. A., ties, poles & posts, Peebles, O.  
 Bashlin Co., steam, gas & water valve mfrs., Warren, Pa.  
 Basic Mineral Co., 834 Columbus av, Pittsburgh, Pa.  
 Basic Products Co., hydrated lime, Oliver Bldg., Pittsburgh, Pa.  
 Baskerville & Jones, flour mills, Champe, Va.  
 Basket Importing Co., 119 W. 23d, New York.  
 Baskin Lumber Co., Baskin, La.  
 Basman, A. M., & Co., cornices, 468 Fort W., Detroit, Mich.  
 Bason, Wm. & Son, contractors, Sayville, N. Y.  
 Basore Milling Co., flour, Kingston, Ark.  
 Bass Bros., mill & facty. supplies, 82 Walker, New York.  
 Bass, E. & J., silver novelties, 610 B'way, New York.  
 Bass Fndry. & Machine Co., Rock Run, Ala., & Fort Wayne, Ind.  
 Bass, Herbert L., & Co., architects, Hume-Mansur Bldg., Indianapolis, Ind.  
 Bass-Hueter Paint Co., 816 Mission, San Francisco, Cal.  
 Bass, Jos., wash boilers, 239 Race, Philadelphia, Pa.  
 Bass, Sam'l M., 30 Bellevue av, Newark, N. J.  
 Bass, Smith Co., canned goods, Litwalton, Va.  
 Bass Tile Spade Co., Anamosa, Ia.  
 Basse, Wm., Hardware Co., San Antonio, Tex.  
 Bassemir, John & Son, mchsts., 37 Frankfurt, New York.  
 Bassett, A., Iron & Wire Wks., 42 Walworth, Brooklyn, N. Y.  
 Bassett & Courtney, brick, Beaver City, Ind.  
 Bassett, D. M., Bolt Wks., Shelton, Conn.  
 Bassett, E. C., bob sleds, farm wagons, Sterling, Ill.  
 Bassett Jewelry Co., silver novelties, 101 Sabin, Providence, R. I.  
 Bassett, Josiah G., common brick, Bridgewater, Mass.  
 Bassett, O. T. & Co., masons' & bldrs.' matls., El Paso, Tex.  
 Bassett Pattern Wks., 62 Central av, Cincinnati, Ohio.  
 Bassett, Robt. N., Co., corset wire, 220 5th av, New York.  
 Bassett, Walter, soap, Taunton, Mass.  
 Bassford, C. A., architect, Gilfillan blk, St. Paul, Minn.  
 Bassford, E. P., & C. A., architects, Gilfillan blk., St. Paul, Minn.  
 Bassick, N. C., & Sons, granite, South Thomaston, Me.  
 Bassill, Louis, Co., mchsts. & fndrs., 100 Utica, Boston, Mass.  
 Bassindale, Lambert, architect, Capital Bk. Bldg., St. Paul, Minn.  
 Bassman & Oislander, scrap lead, brass, zinc, tin, 156 Maiden la, New York.  
 Bast, T. W., architect, Sedalia, Mo.  
 Bast, W. H., architect, 2227 Sycamore, Terre Haute, Ind., & Afton, Okla.  
 Bastian-Blessing Co., safety devices, carbonaters, etc., 125 W. Austin av, Chicago, Ill.  
 Bastian Bros. Co., advertising novelties, signs, etc., 69 Mt. Hope av, Rochester, N. Y.  
 Bastian-Morley Co., water htrs., 312 S. Canal, Chicago, Ill.  
 Bastman, Geo. F., architect, 807 E. 15th, Kansas City, Mo.  
 Bastress, D. G., architect, Sharon, Pa.  
 Bastress, J. N., & Co., contractors, Scranton, Pa.  
 Bastrop Cotton Oil Co., Bastrop, La.  
 Baszanger, J. & Co., carbons, 65 Nassau, New York.  
 Bataille, Achille & Co., bank railings, 587 Hudson, New York.  
 Batavia Brass & Iron Novelty Wks., oil can faucets, Batavia, N. Y.  
 Batavia Canning Co., Batavia, N. Y.  
 Batavia Clamp Co., Batavia, N. Y.  
 Batavia Engineering Works, mchsts. & fndrs., Batavia, Ill.  
 Batavia Foundry Co., Batavia, Ohio.  
 Batavia Machine Co., bean separators, Batavia, N. Y.  
 Batavia & N. Y. Wood-Working Co., Batavia, N. Y.  
 Batavia Rubber Co., Batavia, N. Y.  
 Batchelder & Collins, masons' & bldrs.' matls., Norfolk, Va.  
 Batchelder & Snyder Co., meat packers, 55 Blackstone, Boston, Mass.  
 Batchelder-Wasmund Co., stone producers, Jefferson av. W. & 15th, Detroit, Mich.  
 Batcheller, E. S., & Co., wholesale hdwe. & mill & facty. supplies, Gloversville, N. Y.  
 Batchelor Timber Co., lbr. mfrs., Saginaw, Mich.  
 Batdorf & Co., brick, Burlington, Kans.  
 Bate, A. & Son, stone producers, Bay City, Mich.  
 Bate, Wm. T., & Son, machts. & fndrs., Conshocken, Pa.



- Batelle & Kenwick, chemicals, 80 Maiden la, New York.  
 Bateman, C. J., architect, 293 Washington, Boston, Mass.  
 Bateman, J. B., Jr., lumber, Hibernia Bldg., New Orleans, La.  
 Bateman, J. Paul, Co., auto. wood bodies, Bridgeton, N. J.  
 Bateman, John J., contractor, 845 Locust av, Germantown, Philadelphia, Pa.  
 Bateman Mfg. Co., agricultural implements, Grenloch, N. J.  
 Bateman, W. M., contractor, Lexington, Ky.  
 Bates, A. B., Co., machsts., Oakland, Me.  
 Bates & Bacon, cigar cutters, Attleboro, Mass.  
 Bates, Borland & Ayer, contractors, Crocker Bldg., San Francisco, Cal.  
 Bates Bros., Co., bank messengers' wallets, Athol, Mass.  
 Bates, C. E., Co., canned goods, Blanchard, Ohio.  
 Bates, C. J., & Son, manicure sets, Chester, Conn.  
 Bates, Chas. E., architect, Hume-Mansur Bldg., Indianapolis, Ind.  
 Bates, Chas. F., & Co., soap, Wollaston, Mass.  
 Bates, Chas. W., architect, Bd. of Tr. Bldg., Wheeling, W. Va.  
 Bates, Chas. W., contractor, Youngstown, Ohio.  
 Bates & Clark Co., contractors, Seattle, Wash.  
 Bates & Culley, organs, 1827 S. 11th, Philadelphia, Pa.  
 Bates, Delos, lbr. mfrs., Madison, Ohio.  
 Bates, E. V., Mach. Co., Lowell, Mass.  
 Bates & Edmonds Motor Co., mchsts. & fdrs., Lansing, Mich.  
 Bates, Edw. P., steam fitters' supplies, Syracuse, N. Y.  
 Bates Elev. Co., 211 President, Baltimore, Md.  
 Bates Expanded Steel Truss Co., linemen's climbers, steel poles, 208 S. La Salle, Chicago, Ill.  
 Bates & Gamble, architects, Close Realty Bldg., Toledo, Ohio.  
 Bates, Geo. A., & Son, mchsts. & fdrs., Fall River, Mass.  
 Bates, H. C., architect, Berlin, N. H.  
 Bates, H. G., canned goods, Blanchester, Ohio.  
 Bates & How, architects 542 5th av, New York.  
 Bates, Howard M., soap, 1140 Fairmount av, Philadelphia, Pa.  
 Bates, J. B., flour mills, McQuady, Ky.  
 Bates, J. E., & Co., rubbers, boots & shoes, 202 Church, New York.  
 Bates, John S., granite producers, Norwalk, Conn.  
 Bates, L. L. & Co., safe deposit locks, 150 Portland, Boston, Mass.  
 Bates Mach. Co., Joliet, Ill.  
 Bates Mfg. Co., machsts., numbering mach., Orange, N. J.  
 Bates, Orson C., lumber mfrs., Point Rock, N. Y.  
 Bates & Rogers Construction Co., 37 W. Vanburen, Chicago, Ill.  
 Bates Tractor Co., engines, Lansing, Mich.  
 Bates, Willis C., Co., ties, poles, Boston, Mass.  
 Batesburg Cotton Oil Co., fertzr. mfrs., Batesburg, S. C.  
 Batesville Casket Co., Batesville Ind.  
 Batesville Excelsior Co., excelsior mfrs., Batesville, Ark.  
 Batesville Lumber & Veneer Co., Lawrenceburg, Ind.  
 Batesville Mfg. Co., wagon spokes, Batesville, Miss.  
 Bath Auto & Gas Engine Co., Bath, Me.  
 Bath Grinder Co., Walnut, Fitchburg, Mass.  
 Bath Harness Co., horse collars, Bath, N. Y.  
 Bath Iron Works, Ltd., mchsts. & fndrs., Bath, Me.  
 Bath Portland Cement Co., 31 Clinton, Newark, N. J.  
 Baton, Henry E., contractor, 12th & Sansom, Phila., Pa.  
 Baton Rouge Brickyard, Baton Rouge, La.  
 Batschy, Jno., architect, Wells Bldg., Quincy, Ill.  
 Batson, C. A., contractor, Brockton, Mass.  
 Batson-Cook Co., masons' & bldrs.' matls., Westpoint, Ga.  
 Batt, Wm. H., contractor, Albion, N. Y.  
 Battaglia Bros., scrap rubber, 381 Pearl, New York.  
 Battalle & Renwick, saltpetre, refuse salt, refined sulphur, 80 Maiden la, New York.  
 Battenfield, M. W., masons' & bldrs.' matls., Delaware, Ohio.  
 Batterman & Eisele, marble, Edgewater, N. J.  
 Batterman, Henry C., mach. & fdr., Dyer, Ind.  
 Batterman Truitt Co., elec. disc fans, 20 E. Kinzie, Chicago, Ill.  
 Batterson & Eisele, granite, marble, 101 Pk. av, New York.  
 Batterson, Ernest S., architect, Kalamazoo, Mich.  
 Batterson, J. G., granite, 489 5th av, New York.  
 Battery Park Fish & Oyster Co., canners, Smithfield, Va.  
 Battay Machinery Co., Rome, Ga.  
 Battie Hardware Co., Dawson, Ga.  
 Battin & Co., silver nov., 3d av, Newark, N. J.  
 Battis Bros., mill & steam fitters' supplies, Oshkosh, Wis.  
 Battjes Fuel & Building Material Co., Grand Rapids, Mich.  
 Battle Creek Coal & Coke Co., Arme, Tenn.  
 Battle Creek Furnace & Ref. Co., cornices, Battle Creek, Mich.  
 Battle Creek Paper Co. (Ltd.), folding paper boxes, Battle Creek, Mich.  
 Battle Creek Sand Sifter Co., Battle Creek, Mich.  
 Battle, J. C., architect, Grant Bldg., Atlanta, Ga.  
 Bauder E., mchsts. & fdrs., Sterling, Ill.  
 Bauer & Beamer, stone prod., Muskegon, Mich.  
 Bauer & Black, elastic hosiery, 45 W. 25th, Chicago, Ill.  
 Bauer Bros Co., oil & flour mill machinery, Bauer Bldg., Springfield, Ohio.  
 Bauer Bros. Mfg. Co., carriage aprons, Richmond & Carr, Cincinnati, Ohio.  
 Bauer, C., Jr., architect, 801 Manhattan av, Brooklyn, N. Y.  
 Bauer, Chas., masons' & bldrs.' matls., Springfield, Ohio.  
 Bauer, E., cornices, Hamilton, Ohio.  
 Bauer, Jno. G., stone producers, 1 Quebec rd, nr Price Hill, Cincinnati, Ohio.  
 Bauer, Jos., cornices & skylights, Fergus Falls, Minn.  
 Bauer, Julius, & Co., pianos, 305 S. Wabash av, Chicago, Ill.  
 Bauer Mach. Co., Jeffersonville, Ind.  
 Bauer Machine Wks. Co., Kansas City, Mo.  
 Bauer, Max, cameras, Jersey City, N. J.  
 Bauer, Philip, Co., manganese, varnish, gums, etc., 68 Broad, New York.  
 Bauer Trunk & Bag Co., Oshkosh, Wis.  
 Bauer, Walter S., contractor, 420 Upsal, Philadelphia, Pa.  
 Bauerle & Stark Co., tele. cabinet wk., 1147 W. Ohio, Chicago, Ill.  
 Bauer's, Chas., Sons, cornices, 159 William, Buffalo, N. Y.  
 Bauer's, Jacob, Sons, meat packers, 2932 Massachusetts, Camp Washington, Cincinnati, Ohio.  
 Baugh, Batten & Baugh, canned goods, Clarksville, Ohio.  
 Baugh, C. L., canned goods, New Vienna, Ohio.  
 Baugh Cable Clip Co., elec. cable hangers, Hopkinsville, Ky.  
 Baugh & Sons Co., chemicals, 20 S. Delaware av, Philadelphia, Pa., & Baltimore, Md.  
 Baughman, J. H., & Co., Inc., flour mills, Stanford, Ky.  
 Baughman, N. C., clothes washing machs., York, Pa.  
 Baughman, S. E., & Sons, mchsts. & fdrs., Taylorville, Ill.  
 Baughman & Son, brick, Broughton, Ohio.  
 Baughman Stationery Co., pads & tablets, Richmond, Va.  
 Bauhaf Bros., stone producers, Canton, Ohio.  
 Baulard, V. L., & Co., glass, Galveston, Tex.  
 Baulet Fine Tool Wks., Sebago Lake, Me.  
 Baum, C. F., Co., silk fringes, 232 S. Franklin, Chicago, Ill.  
 Baum, Chas., mirror plateaux, 392 B'way, New York.  
 Baum, Dwight J., architect, Riverdale-on-Hudson, N. Y.  
 Baum, Geo. G., architect, 1424 Arch, Philadelphia, Pa.  
 Baum Iron Co., Omaha, Nebr.  
 Baum, J., Safe & Lock Co., 617 E. Front, Cincinnati, Ohio.  
 Baum, Jacob G., machsts., 537 W. 35th, New York.  
 Baum, M. J., stone prod., Springfield, Ill.  
 Baum & Schoel, bakers' machy., Waterloo, Ia.  
 Bauman Hardware Co., Wausau, Wis.  
 Bauman, J. F., architect, Knoxville, Tenn.  
 Bauman, Jos., & Son, cornices, 61 W. 4th, New York.  
 Baumann, Albert B., architect, Knoxville, Tenn.  
 Baumann Dyestuff & Chemical Co., 250 Plymouth, Brooklyn, N. Y.  
 Baumann, Ferdinand, Sons Co., sash, door & blind mfrs., 181 W. Main, Columbus, Ohio.  
 Baumann, H. C., architect, 251 Kearny, San Francisco, Cal.  
 Baumann, Jacob, stone, 1326 Altgeld, Chicago, Ill.  
 Baumann, L., landscape architect, 3233 Portis av, St. Louis, Mo.  
 Baumann Rubber Co., New Haven, Conn.  
 Baumbauer, Henry, contractor, Wabash, Ind.  
 Baumeister, E., & Son, berry boxes, Rockwood, Mich.  
 Baumeister Piano Co., 511 E. 72d, New York.  
 Baumeister, W. I., contractor, Bellingham, Wash.  
 Baumeister, Wm., Co., contractors, Hackney Bldg., St. Paul, Minn.  
 Baumgardener Concrete Products Co., Tiffin, Ohio.  
 Baumgart, Fred, brick, Humphrey, Neb.  
 Baumgarten & Co., toys, games & nov., 213 E. Fayette, Baltimore, Md.  
 Baumgarten, Wm., & Co., interior hardwood wk. mfrs., 715 5th av, New York.  
 Baumgarth, John, Co., fly killers, 1421 Ogden av, Chicago, Ill.  
 Baumgartner Bros., brick, Chatfield, Ohio.  
 Baumgartner, Eugene, musical instrument strings, etc., 829 W. 53 pl, Chicago, Ill.  
 Baumgartner, Frank, contractor, Harrisburg, Pa.  
 Baumneckel, G., & O., meat packers, Dayton, Ohio.  
 Baum's Castorine Co., lubrg. oils, Rome, N. Y.  
 Baur, Jno., architect, Sharon Bldg., San Francisco, Cal.  
 Baur Window Glass Co., Eaton, Ind.  
 Bauroth Bros., machsts., Springfield, Ohio.  
 Bauroth, E. F., power presses, Toledo, Ohio.  
 Bausback, Robt. & Sons, fertilizer mfrs., Shelbyville, Ind.  
 Bausch & Lomb Optical Co., scientific instruments, Rochester, N. Y.  
 Baush Machine Tool Co., Springfield, Mass.  
 Bausmith & Drainie, architects, Gerke Bldg., Cincinnati, Ohio.  
 Baute, Henry, mchsts. & fdrs., Benton Harbor, Mich.  
 Bautz, Robt. A., & Co., silica mfrs., Wolf Lake, Ill.  
 Bavaria Knitting Mills, sweaters, cardigans, etc., 121 S. Market, Chicago, Ill.  
 Bawden, J. H. & Co., mchsts. & fndrs., Freehold, N. J.  
 Baxendale, Whittlesey & Cummings, stamping presses, etc., Rochester, N. Y.  
 Baxter, A. E., Engng. & Appraisal Co., Buffalo, N. Y.  
 Baxter Bros., contractors, Huntsville, Ala.  
 Baxter Bros. Co., canned goods, Brunswick, Me.  
 Baxter, G. S. & Co., lumber, 17 William, New York, & Fernandina, Fla.  
 Baxter, H. C., & Co., canned goods, Brunswick, Me.  
 Baxter, Henry V., fertilizer mfrs., Chester, Pa.  
 Baxter, J. J., contractor, Jackson, Miss.  
 Baxter, Jas., Fdry. & Mach. Wks., Boise, Idaho.  
 Baxter, Kelley & Faust, plushes, 28 E. 19th, New York.  
 Baxter Mach Co., Lebanon, N. H.  
 Baxter, Odell & Halpin, archts., Hammond Bldg., Detroit, Mich.  
 Baxter Sash & Door Co., Duluth, Minn.  
 Baxter Stove Co., Mansfield, Ohio.  
 Baxter, T. W., Co., scrap iron & steel, Utica, N. Y.



- Bay Chemical Wks., sal soda, North Point & Kearny, San Francisco, Cal.
- Bay City Boiler Co., Bay City, Mich.
- Bay City Box & Crate Co., Bay City, Mich.
- Bay City Dredge Wks., ditching machs., Bay City, Mich.
- Bay City Forge Co., hammered steel forgings, 1820 Cranberry, Erie, Pa.
- Bay City Hardware Co., Bay City, Mich.
- Bay City Iron Co., mchsts. & fndrs., Bay City, Mich.
- Bay City Iron Works, 1243 Harrison, San Francisco, & Oakland, Cal.
- Bay City Lumber Co., Aberdeen, Wash.
- Bay City Packing Co., Apalachicola, Fla.
- Bay City Plow Wks., beet lifters, Bay City, Mich.
- Bay City Rice Milling Co., Bay City, Tex.
- Bay City Stone Co., Bay City, Mich.
- Bay City Wood Plaster Co., Bay City, Mich.
- Bay De Noquet Co., lumber mfrs., 80 E. Jackson blvd., Chicago, Ill.
- Bay, Gottfried, machsts., 537 W. 50th, New York.
- Bay, John C. & Son, brick, Cumberland, Ohio.
- Bay, John W. & Co., canned goods, Stockley, Del.
- Bay Ridge Specialty Co., bath room fixtures, 5613 First av, Brooklyn, N. Y.
- Bay Shore Building Co., Hearst Bldg., San Francisco, Cal.
- Bay State Axle Washer Co., leather washer mfrs., 251 A, Boston, Mass.
- Bay State Belting Co., 605 Atlantic av, Boston, Mass.
- Bay State Brush & Mop Co., Woburn, Mass.
- Bay State Chemical Co., aniline colors, 38 India, Boston, Mass.
- Bay State Comb Co., Leominster, Mass.
- Bay State Cotton Corp., tire fabrics, 60 Federal, Boston, Mass.
- Bay State Crucible Co., Taunton, Mass.
- Bay State Dredging & Contrg. Co., 247 Atlantic av, Boston, Mass.
- Bay State Elev. Co., Springfield, Mass.
- Bay State Htg. & Sprinkling Co., 49 Haverhill, Boston, Mass.
- Bay State Insulated Wire & Cable Co., Hyde Park, Mass.
- Bay State Iron Wks., machsts., Erie, Pa.
- Bay State Metal Wheel Co., East Templeton, Mass.
- Bay State Milling Co., feed, Winona, Minn.
- Bay State Mop Co., Woburn, Mass.
- Bay State Motor Wks., engines, Holyoke, Mass.
- Bay State Optical Co., Attleboro, Mass.
- Bay State Stamping Co., grease & oil cups & sheet metal stampings, 380 Chandler, Worcester, Mass.
- Bay State Tap & Die Co., screw cutting tools, mfrs., Mansfield, Mass.
- Bay State Thread Wks., Springfield, Mass.
- Bay View Fdry. Co., Sandusky, Ohio.
- Bay View Steel Casting Co., 132 S. Bay, Milwaukee, Wis.
- Bayard, Jno. B., architect, Vincennes, Ind.
- Bayard, M. L. & Co., contractors, Penna. Bldg., Phila., Pa.
- Bayard, M. L. & Co., machsts., Woodbine, N. J.
- Bayer Co., colors, dyes, disinfectants, etc., 117 Hudson, New York.
- Bayer, Frank Co., typewriter ribbons, 119 Lafayette, New York.
- Bayer, Gardner-Himes Co., mchsts., hdwe. mfrs., 101 Park av, New York.
- Bayer, J. C., cornices & sky lights, Portland, Ore.
- Bayer Pattern Plate & Mfg. Co., Cleveland, Ohio.
- Bayer Rothgeb Co., iron, brass & bronze fndrs., grilles, gates, fences, etc., Los Angeles, Cal.
- Bayer Steam Soot Blower Co., 2828 La Salle, St. Louis, Mo.
- Bayerson Oil Works, mfrs. & dealers—greases & petroleum products, 12th & P. & E. R. R., Erie, Pa.
- Bayles, D. T. & Son, masons' & bldrs.' matls., Stony Brook, N. Y.
- Bayles, J. M. & Son, ship bldrs., Port Jefferson, N. Y.
- Bayles Vehicle Top & Trimming Co., Kansas City, Mo.
- Bayless, M. F., canned goods, Aberdeen, Md.
- Bayless Mfg. Co., broom handles, Memphis, Tenn.
- Bayless Mfg. Corp., pulp paper, Austin, Pa.
- Bayless Pulp & Paper Co., Binghamton, N. Y.
- Bayley Heating Supply Co., 131 Sycamore, Milwaukee, Wis.
- Bayley Mfg. Co., elec. disc fans & heating apparatus, 732 Greenbush, Milwaukee, Wis.
- Bayley Structural Iron Co., 705 S. Pierce, Milwaukee, Wis.
- Bayley, Wm., Co. agricultural implements, Springfield, Ohio.
- Baylies, A., architect, 33 Bible House, New York.
- Baylis Co., machsts., Bloomfield, N. J.
- Baylis, I. B., architect, Hempstead, N. Y.
- Baylor, C. E. Co., masons & bldrs.' matls. & who. h'dwe, Morristown, Tenn.
- Baylor, C. M. & Co., lbr., Norfolk, Va.
- Bayne, C. M. & Co., masons' & bldrs.' matls., Norfolk, Va.
- Bayne, Jasper Co., mill & facty. supplies, 29 Sullivan, New York.
- Bayne, Wilson & Pratt, oil well supplies, Pittsburgh, Pa.
- Baynon, C. A., Co., who. h'dwe, 91 Reade, New York.
- Bayonet-Trolley-Harp Co., Springfield, Ohio.
- Bayonne Cornice & Skylight Co., Bayonne, N. J.
- Bayonne Scrap Iron & Metal Co., Bayonne, N. J.
- Bayonne Steel Casting Co., Bayonne, N. J.
- Bayonne Supply Co., mill facty. & plumbers' supplies (jobbers), Bayonne, N. J.
- Bayou Blue Lumber Co., Hutchinson, La.
- Bayou City Iron Wks., Houston, Tex.
- Bayou Land & Lumber Co., 301 Neave Bldg., Cincinnati, Ohio.
- Bayou Liberty Lumber Co., Bonfouca, La.
- Bay Side Canning Co., Alviso, Cal.
- Bayside Iron Wks., mchsts. & fndrs., Everett, Wash.
- Bayside Lumber Co., Eureka, Cal.
- Bayside Sash & Door Co., 806 3d av., Brooklyn, N. Y.
- Bayway Chemical Co., chemical mfrs., Elizabeth, N. J.
- B. B. & B. Trunk Co., Ohio & Sandusky, Pittsburgh, Pa.
- B. & B. Mfg. Co., automobile wrenches, tire holders & windshields, Cleveland, O.
- B. & B. Mfg. Co., children's vehicles, Racine, Wis.
- B. & B. Mfg. Co., fndry. moulding machs., Indianapolis, Ind.
- B. & C. Mfg. Co., flashlights, 290 Church, New York.
- Beach, A. Y., masons' & bldrs.' matls., Seymour, Conn.
- Beach, C. M. Co., masons' & bldrs.' matls., New Milford, Conn.
- Beach City Silica Sand Co., Beach City, Ohio.
- Beach & Co., aniline colors, Hartford, Conn.
- Beach Enameling Co., Coshocton, Ohio.
- Beach, Fred F., patterns & models, Bridgeport, Conn.
- Beach & Fuller Co., crates, veneer mfrs., Evansville, Ind.
- Beach, H. B. & Son, tubular boilers, Hartford, Conn.
- Beach, H. D. Co., signs (celluloid), Coshocton, Ohio.
- Beach, J. W. Co., scrap brass, Bridgeport, Conn.
- Beach, Jas. & Sons, soap, Dubuque, Iowa.
- Beach Leather Co., advtg. novelties, Coshocton, Ohio.
- Beach Mfg. Co., contractors, Charlotte, Mich.
- Beach Mfg. Co., machsts. & fndrs., Montrose, Pa.
- Beach Milling Co., flour, Holland, Mich.
- Beach, Oliver B., mchsts. & fndrs., Stony Creek, Conn.
- Beach, Rogers & Co., lumber mfrs., De Funiak Springs, Florida.
- Beach-Russ Co., machinery, pumps, filter presses, etc., 220 B'way, New York.
- See adv index at end of book.*
- Beach, S. G. & Sons, sash, door & blind, Placerville, Cal.
- Beach, S. Y., Paper Co., Seymour, Conn.
- Beach Soap Co., Lawrence, Mass.
- Beach, Wm., Hardware Co., Columbus, Ga.
- Beacham, J. S. & Bro., dry docks, Covington, ft. of Warren av, Baltimore, Md.
- Beacon Elec. Wks., elec. lanterns, 132 King, New York.
- Beacon Falls Rubber Shoe Co., Beacon Falls, Conn.
- Beacon Light Co., Los Angeles, Cal.
- Beacon Mfg. Co., cotton blankets, New Bedford, Mass.
- Bead Chain Mfg. Co., Bridgeport, Conn.
- Beader Box Co., Huntington, W. Va.
- Beadle, J. Grant, architect, Galesburg, Ill.
- Beadle, Jno. T. Co., harness mfrs., Traverse City, Mich.
- Beagle Hame Wks., Freeland, Pa.
- Beahm & Rice, contractors, 615 14th, NW, Washington, D. C.
- Beal, A. B., contractor, 43 Tremont, Boston, Mass.
- Beal, Earl E., architect, Elyria, Ohio.
- Beal, J. A., lumber mfr., Luverne, Ala.
- Beal, J. William, architect, 62 Summer, Boston, Mass.
- Beal, Joseph & Co., machinery dlrs., 457 Atlantic av, Boston, Mass.
- Beale Bros., cornices & skylights, Rushville, Ind.
- Beale, J. M. & Co., brick, West Brooklyn, Ill.
- Beale, M. E., canned goods, Skowhegan, Me.
- Beall Bros., machsts., Alton, Ill.
- Beall Construction Co., 612 14th, NW, Washington, D. C.
- Beall, Fred E., architect, 306 St. Paul, Baltimore, Md.
- Beall Improvement Co., machsts., Decatur, Ill.
- Beall, J. M., architect, Monessen, Pa.
- Beall Tool Co., blacksmiths' drills, portable forges, East Alton, Ill.
- Beals & Co., who. h'dware & mill & facty. supplies, 46 Terrace, Buffalo, N. Y.
- Beals & Selkirk Trunk Co., Wyandotte, Mich.
- Beals, W. A., architect, Blaine, Me.
- Beam, Jas. H., machinist, Martins Ferry.
- Beaman & Smith Co., metal boring machs., Providence, R. I.
- Beaman Trunk Co., Knoxville, Tenn.
- Beamer, E. R., canned goods, Eagle Rock, Va.
- Bean Bros., brick, Hartford, Ky.
- Bean, James W., contractor, NW cor. 14th & M, NE, Washington, D. C.
- Bean, L. C., Co., masons' & bldrs.' matls., Lisbon, Ohio.
- Bean, Lewis U., Co., paint & varnish mfrs., 922 Cherry, Philadelphia, Pa.
- Bean, M. B., architect, Lansdale, Pa.
- Bean, O. R., architect, Eugene, Ore.
- Bean, R. L., ship bldrs., Camden, Me.
- Bean Spray Pump Co., San Jose, Cal.
- Bean Tool & Sales Co., Berea, Ohio.
- Beane, Frank E., mill & facty. supplies, Augusta, Ga.
- Bear, Albert G., architect, 316 Baronne, New Orleans, La.
- Bear Creek Canning Co., Stoutland, Mo.
- Bear Eng. & Constr. Co., 34 S. 17th, Philadelphia, Pa.
- Bear & Ruth Co., meat packers, Sandusky, Ohio.
- Beard, B. C., machinist, Millen, Ga.
- Beard, C. S., machinist, Arkansas City, Kansas.
- Beard, Campbell & Co., who. h'dwe., Port Huron, Mich.
- Beard Constr. Co., Colonial Trust Bldg., Reading, Pa.
- Beard, H. B., Co., horse collars, York, Pa.
- Beard, J. H., masons' & bldrs.' matls., Geneva, N. Y.
- Beard, Wm. & Co., contractors, 21 State, New York.
- Bearden, C. E., architect, First Natl. Bk. Bldg., Chattanooga, Tenn.



Beardslee Chandelier Mfg. Co., elec. & gas light fixtures, 237-39 S. Jefferson, Chicago, Ill.  
 Beardslee-Graham Showcase Co., Seattle, Wash.  
 Beardsley, C., architect, Catskill, N. Y.  
 Beardsley, C. T., architect, 601 Colorado av., Bridgeport, Conn.  
 Beardsley Carriage Co., St. Joseph, Mo.  
 Beardsley Electric Co., Los Angeles, Cal.  
 Beardsley, L. S., architect, 38 W. 32d, New York.  
 Beardsley, Wm. J., architect, 49 Market, Poughkeepsie, N. Y.  
 Beardsley's, J. W., Sons, canned goods, 690 Frelinghuysen av., Newark, N. J.  
 Bearings Co. of America, ball bearing mfrs., Lancaster, Pa.  
 Bears, B., trunk mfrs., 1048 3d av., New York.  
 Bearnse, Chester, architect, Centerville, Mass.  
 Bearse, O., & Son Co., lumber, 79 Milk, Boston, Mass.  
 Beasley & McCafferty Lumber Co., Carrollton, Ala.  
 Beasley & Miller, cornices & skylights, Pittsburg, Kan.  
 Beasley & Sons Co., plate & window glass, Nashville, Tenn.  
 Beasley & Sons Co., sash, door & blind, Nashville, Tenn.  
 Beasman, F. B., & Co., contractors, 7 Clay, Baltimore, Md.  
 Beaton & Cadwell Mfg. Co., mchsts & fndrs., New Britain, Conn.  
 Beaton & Corbin Mfg. Co., pipe hangers, plates, sleeves, Southington, Conn.  
 Beaton, D. T., cornices & skylights, Manchester, Mass.  
 Beatrice Brick Works, Beatrice, Nebr.  
 Beatrice Iron Wks., Beatrice, Nebr.  
 Beatrice Milling Co., flour, Whitewright, Tex.  
 Beatrice Steel Tank Mfg. Co., Beatrice, Nebr.  
 Beats All Mfg. Co., carpet beaters, Fairmont, Minn.  
 Beattie, Arthur A., architect, Gloversville, N. Y.  
 Beattie & Cornell, contractors, Fall River, Mass.  
 Beattie, John (Est. of), stone prod., Guilford, Conn.  
 Beattie Mfg. Co., machsts., Cohoes, N. Y.  
 Beattie & Wilcox, contractors, Fall River, Mass.  
 Beattie, Wm. H., granite & crushed stone, Fall River, Mass.  
 Beattie, Wm. J., architect, Holbrook-Blackwell'r Bldg., St. Louis, Mo.  
 Beattie Zinc Works Co., battery coppers, Reading, Mass.  
 Beatty-Baum Chemical Co., writink inks, Denver, Colo.  
 Beatty Const. Co., crushed stone, 66 Warren, Boston, Mass.  
 Beatty, E. T., mach. & fdry., Birmingham, Ala.  
 Beatty Felting Co., boots & shoes, Mishawaka, Ind.  
 Beatty, Fred W., blue & black prints & papers, 39 Ann, New York.  
 Beatty, J. B., architect, 15 N. Reid, Elizabeth, N. J.  
 Beatty, Janson W., & Co., mill & facty. supplies, Saco, Me.  
 Beatty, John L., architect, 146 Federal, Pittsburg, Pa.  
 Beatty & Jordan, machsts., Bolivar, N. Y.  
 Beatty Pottery Mfg. Co., Frankfort, Ind.  
 Beatty, W. D., Co., contractors, 900 Burt, Pittsburg, Pa.  
 Beaty, C. N., architect, Hot Springs, Ark.  
 Beauchamp, I. D., flour mills, Taylorsville, Ky.  
 Beauchamp, R. L., & Co., granite producers, Rion, S. C.  
 Beauchemin, Oscar, architect, City Natl. Bk. Bldg., Holyoke, Mass.  
 Beaudett, O. J., Co., carriages, Pontiac, Mich.  
 Beaudry & Co., power hammer mfrs., 141 Milk, Boston, Mass.  
 Beaudry, T. J., & Son, fndrs., Marlboro, Mass.  
 Beaufort Veneer & Package Co., cases, crates, Beaufort, S. C.  
 Beaumel, D. W., & Co., fountain pen mfrs., 17 Vandewater, New York.  
 Beaumier, Joe H., mach. & Fdr., Brenham, Tex.  
 Beaumont & Aughtie, glass stainers, 36 Columbus av., Boston, Mass.  
 Beaumont, G. B., Co., contractors, 286 5th av., New York.  
 Beaumont, George, architect, 25 N. Dearborn, Chicago, Ill.  
 Beaumont Iron Works Co., Beaumont, Tex.  
 Beaumont Lbr. Co., Beaumont, Tex.  
 Beaumont Mfg. Co., cord & twine, sheetings, Spartanburg, S. C.  
 Beaumont, R. H., Co., conveyors & hoists, Drexel Bldg., Philadelphia, Pa.  
*See adv index at end of book.*  
 Beaumont Rice Mills, Beaumont, Tex.  
 Beaumont Valve & Hydrant Wks., Kankakee, Ill.  
 Beaumont, W., contractor, Stephen Girard Bldg., Phila., Pa.  
 Beaumont, Wilbert, contractor, Atlantic City, N. J.  
 Beaupre Bros., machs. & fdrs., Franklin, N. H.  
 Beauvais Water Heater Co., Springfield, Mass.  
 Beaven-Jackson Lumber & Veneer Co., Evergreen, Ala.  
 Beaver Brook Paper Mills, Danbury, Conn.  
 Beaver Canning Co., Randolph, Wis.  
 Beaver Clay Mfg. Co., brick, New Galilee, Pa.  
 Beaver Co., plaster boards, etc., 956 Beaver rd., Buffalo, N. Y.  
 Beaver Contr. & Eng. Corp., 113 State, Boston, Mass.  
 Beaver Dam Lumber Co., Cumberland, Wis.  
 Beaver Dam Mfg. Co., agricultural implements, Beaver Dam, Wis.  
 Beaver Dam Marble Co., Gunther Bldg., Baltimore, Md.  
 Beaver Dam Milling Co., flour, Beaver Dam, Ky.  
 Beaver Dam Roller Mill, Crouse, N. C.  
 Beaver Falls Art Tile Co., Beaver Falls, Pa.  
 Beaver Falls Planing Mill Co., sash, door & blind mfrs., Beaver Falls, Pa.  
 Beaver Mfg. Co., machsts., 1st & Oklahoma av., Milwaukee, Wis.  
 Beaver Mills, pails, buckets & kits, Keene, N. H.  
 Beaver Motor Truck Co., Portland, Oregon.  
 Beaver Portland Cement Co., Portland, Ore.  
 Beaver Silo & Box Mfg. Co., packing box, Beaver Dam, Wis.

Beaver Soap Co., Dayton, Ohio.  
 Beaver State Motor Co., Gresham, Ore.  
 Beaver Steel Co., imp. & exp. steel & iron, 305 5th av., Pittsburg, Pa.  
 Beaver Tile & Brick Co., Beaver, Ohio.  
 Beaver Valley Boiler Wks., Beaver Falls, Pa.  
 Beaver Valley Glass Co., Rochester, Pa.  
 Beaver Valley Lime Co., Elwood City, Pa.  
 Beaver Valley Pot Co., glass house clay supplies, Rochester, Pa.  
 Beaver Valley Sandstone Co., New Castle & Wampum, Pa.  
 Beaverville Brick & Tile Co., Beaverville, Ill.  
 Beavis, Alfred J., architect, 245 Stanton av., Detroit, Mich.  
 Bebb & Gould, architects, Denny Bldg., Seattle, Wash.  
 Bebee, Wm. G., marble, Manchester Center, Vt.  
 Bechard Mfg. Co., silver novelties, 706 Townsend, Chicago, Ill.  
 Bechtel, A. A., contractor, Easton, Pa.  
 Bechtel, Jos., contractor, 200 N. 15th, Philadelphia, Pa.  
 Bechtel, W. A., contractor, 625 Market, San Francisco, Cal.  
 Bechtel, Otto, elec. & gas light fixtures, Alameda, Cal.  
 Bechtold, E. E., canopy insulators, 1928 Wabash av., Chicago, Ill.  
 Bechtolt, Geo. E., agricultural implements, Urbana, Ohio.  
 Beck, Alexander, contractor, Kelline Bldg., Omaha, Nebr.  
 Beck, August C., Co., lock corner boxes, 1-30 East, Milwaukee, Wis.  
 Beck & Beck, granite, Barre, Vt.  
 Beck & Benedict, whol. hdwe., Waynesboro, Pa.  
 Beck Bros., mattresses, 260 Bruce, Newark, N. J.  
 Beck, C. F., & Son Co., sash, door & blind, Monroe, Mich.  
 Beck Cereal Co., cereal foods, 569 Fort, W., Detroit, Mich.  
 Beck, Chas., Co., paper box machinery, 607 Chestnut, Philadelphia, Pa.  
*See adv index at end of book.*  
 Beck, Chas. O., architect, Hazleton, Pa.  
 Beck & Conley, architects, Rose Bldg., Omaha, Nebr.  
 Beck & Corbitt Iron Co., whol. hdwe., 1230 N. Main, St. Louis, Mo.  
 Beck Duplicator Co., 491 B'way, New York.  
 Beck, Edw. T., & Co., contractors, Warren, Pa.  
 Beck Electrical Repair Co., freight elev., 149 W. State, Columbus, Ohio.  
 Beck, Fr., & Co., wall coverings, 281 5th av., New York.  
 Beck & Gregg Hardware Co., Atlanta, Ga.  
 Beck, Guido, architect, 8th & Main, Dubuque, Ia.  
 Beck, H. A., contractor, Burlington, Ia.  
 Beck, Henry, contractor, Elyria, Ohio.  
 Beck, Herman, contractor, 325 Winslow av., Buffalo, N. Y.  
 Beck, J. Philip, & Son, carriages, Saginaw, Mich.  
 Beck, Jno. W., brick, Vicksburg, Miss.  
 Beck & Son, automobile bldrs., Cedar Rapids, Ia.  
 Beck, Vere W., contractor, 58 S. Water, Providence, R. I.  
 Beck-Walker Co., fertilizer mfrs., Chestertown, Md.  
 Beck, Wm., cornices & skylights, Englewood, N. J.  
 Beck, Wm. & Chas., fire hose, Lawrence, Mass.  
 Becker, August, Engraving Co., name plates, 247 Atlantic av., Boston, Mass.  
 Becker, Bernhard, architect, Gardner Bldg., Toledo, Ohio.  
 Becker & Brisbois, cut glassware, 123 Middleton, Brooklyn, N. Y.  
 Becker Bros. & Son, packing box mfrs., Lexington & Fkd., Baltimore, Md.  
 Becker Bros., meat packers, 2692 3d av., New York.  
 Becker Bros., pianos, 767 10th av., New York.  
 Becker, C. D., cornices, Lestershire, N. Y.  
 Becker, C. L. & D. J., Co., lbr., 290 B'way, New York.  
 Becker, C., Milling Co., flour, Red Bud, Ill.  
 Becker, Chas. W., cotton waste, Amsterdam, N. Y.  
 Becker Chemical Co., car cleaning compounds, 19 Main, Cincinnati, Ohio.  
 Becker, Christian, assay balances, 92 Reade, New York.  
 Becker, Christian, carriages, Tamaqua, Pa.  
 Becker Constr. Co., 361 Grove, Newark, N. J.  
 Becker & Cramer, cornices & skylights, Springfield, Mo.  
 Becker, Emil, flour, Anderson, Texas.  
 Becker, F., cornices & skylights, Berwyn, Ill.  
 Becker, Geo., arch'l iron, 545 W. 22d, New York.  
 Becker, Geo. F., contractor, 160 W. 4th, St. Paul, Minn.  
 Becker, Gerhard J., architect, 2904 Bailey av., St. Louis, Mo.  
 Becker Glass & Paint Co., 372 Pearl, Buffalo, N. Y.  
 Becker, Henry & Sons, contractors, South Orange, N. J.  
 Becker, Irvin H., contractor, Schuykill Haven, Pa.  
 Becker, J. C., masons' & bldrs. matls., Adrian, Minn.  
 Becker, Jno. L., cornices, Hamilton, Ohio.  
 Becker, K. J., contractor, Winona, Minn.  
 Becker, L. C., & Son, contractors, 415 13th, Newark, N. J.  
 Becker Mfg. Co., fndrs., Two Rivers, Wis.  
 Becker Milling Machine Co., vertical & horizontal type milling machines & milling cutters, mfrs., Hyde Park, Mass.  
 Becker-Moore Paint Co., 1219 Olive, St. Louis, Mo.  
 Becker, F. A., Co., show cases, 132 Cumberland, Brooklyn, N. Y.  
 Becker, P. & Co., trunk mfrs., 333 W. Monroe, Chicago, Ill.  
 Becker, R. A., Varnish Co., Harrison av & Girard, Cincinnati, O.  
 Becker-Seidel Co., htg. contrs., 324 Prospect av., Cleveland, Ohio.  
 Becker, Smith & Page, wall paper mfrs., Snyder av. & Water, Phila., Pa.  
 Becker Steel Co. of Am., 90 West, New York.  
 Becker & Thomas Co., umbrella mfrs., Cleveland, Ohio.  
 Becker, Wm. A., Co., masons' & bldrs.' matls., Monroe, Wis.  
 Becker's, W., Aniline & Chemical Wks., E. 83d, Brooklyn, N. Y.  
 Beckert Needle & Supply Co., 4929 Green, Philadelphia, Pa.



- Beckert Seed Store, fertilizer mfrs., 103 Federal, Pittsburgh, Pa.  
 Beckert, Wm., & Son, dumping wagons., 1003 E. Ohio, North Side, Pittsburgh, Pa.  
 Beckett Paper Co., Hamilton, Ohio.  
 Becking, Geo., contractor, Chattanooga, Tenn.  
 Beckley-Cardy Co., school furniture, 312 W. Randolph, Chicago, Ill.  
 Beckley Coal & Coke Co., Macdonald, W. Va.  
 Beckley & Myers Ice & Fuel Co., masons' & bldrs.' matls., Springfield, Ohio.  
 Beckley Perforating Co., steel plate work, tanks, stacks, steel, Garwood, N. J.  
 Beckley-Ralston Co., carriage hdwe. mfrs., 1801 S. Michigan av, Chicago, Ill.  
 Beckman Bros., mill & facty. supplies, Des Moines, Ia.  
 Beckman, N. O., Co., blankets—horse & cattle, Fulton rd, N. W., Cleveland, Ohio.  
 Beckman, Otto F., Co., glass stainers, New Haven, Conn.  
 Beckman & Sauer, lbr., Ferdinand, Ind.  
 Beckman Supply Co., masons' & bldrs.' matls., Hammond, Ind.  
 Beckman, Wm., cornices, 15th & Bremen, Cincinnati, Ohio.  
 Beckman, L., Co., engng. & surveying instrumts., 500 Adams, Toledo, Ohio.  
 Beckett Chemical Co., lithopone, 35th & Gray's Ferry av, Philadelphia, Pa.  
 Beckwith Bros., contractors, Schenectady, N. Y.  
 Beckwith-Chandler Co., varnish mfrs., 203 Emmett, Newark, N. J.  
 Beckwith Elevator Co., 123 Pearl, Boston, Mass.  
 Beckwith, E. H., architect, P. O. Arcade, Bridgeport, Conn.  
 Beckwith, H. R., architect, Claremont, N. H.  
 Beckwith, Hira R., contractor, Claremont, N. H.  
 Beckwith, Joel, masons' & bldrs.' matls., Parkersburg, W. Va.  
 Beckwith Organ Co., Louisville, Ky.  
 Beckwith, P. D. (Est. of), mchsts. & fdrs., Dowagiac, Mich.  
 Beckwith & Pike, contractors, Pittsfield, Mass.  
 Becroft, Wm. E., architect, Wallingford, Conn.  
 Beeton, Dickinson & Co., medicinal atomizers, Rutherford, N. J.  
 Bedard & Morency Mill Co., sash, door & blind, Oak Park, Ill.  
 Bedell, Andrew S., machsts. & fndrs., Elkland, Pa.  
 Bedell, Geo. V., architect, Law Bldg., Indianapolis, Ind.  
 Bedell Mfg. Co., mattresses, Washington, D. C.  
 Bedell Struct. Steel Wks., New Orleans, La.  
 Beder, Harold W., architect, 335 5th av, New York.  
 Bedford Aluminum & Spec. Co., 4 Reade, New York.  
 Bedford Cut Stone Co., contr., Bedford, Ind.  
 Bedford Fdry. & Mach. Co., Bedford, Ind.  
 Bedford Htg. Co., 1233 Atlantic av, Brooklyn, N. Y.  
 Bedford Mills Co., woolen blankets & flannels, Bedford City, Va.  
 Bedford, Nugent, Co., contractors, Evansville, Ind.  
 Bedford Pulp & Paper Co., Richmond, Va.  
 Bedford Safety Razor Co., Bedford, Mass.  
 Bedford Steam Stone Works, stone producers, Bedford, Ind.  
 Bedford Stone & Constr. Co., Indianapolis, Ind.  
 Bedient, Ralph G., architect, So. Norwalk, Conn.  
 Bedortha Bros., levels, Windsor, Conn.  
 Beebe Brick Mfg. Co., Beebe, Ark.  
 Beebe Cordage Co., Rockaway, N. J.  
 Beebe Glove Co., Richmond, Ind.  
 Beebe, H. P., architect, Fredonia, N. Y.  
 Beebe, H. R., contractor, Utica, N. Y.  
 Beebe, Hy. A., stone producers, 1116 Wabash, Detroit, Mich.  
 Beebe Stave Co., cooperage stock, Little Rock, Ark.  
 Beebe, W. S., Co., hdwe. mfrs., New Haven, Conn.  
 Beech Creek Truck & Auto Co., Beech Creek, Pa.  
 Beech Hill Dist. Co., 225 E. 3d, Cincinnati, Ohio.  
 Beecher & Barr, lumber, Pottsville, Pa.  
 Beecher Draught Spring Co., New Haven, Conn.  
 Beecher Falls Co., music cabinets, Beecher Falls, Vt.  
 Beecher, Fowler, Mfg. Co., stencils, 244 3d, Louisville, Ky.  
 Beecher, Scott M., contractor, 1054 Lovejoy, Buffalo, N. Y.  
 Beecher, Walter A., machsts., Mason City, Iowa.  
 Beechnut Packing Co., Canajoharie, N. Y.  
 Beede, N. W., & Son, lbr. mfrs., Jefferson, Ohio.  
 Beedenville Lbr. Co., Bruce, Wis.  
 Beedle, C. F., cornices, Greenville, Ohio.  
 Beegan, John B., cornices, 952 State, New Haven, Conn.  
 Beegee Co., ink erasers, 1133 B'way, New York.  
 Beegle Packing Co., canned goods, Ketchikan, Alaska.  
 Beehler Mfg. Co., hdwe. mfrs., St. Louis, Mo.  
 Beeler Mfg. Co., plumbers' wood work, Marietta, Ohio.  
 Beekman Bros., plumbers' supplies—jobbers, Des Moines, Ia.  
 Beekman Sanitary Spec. Co., 101 Beekman, New York.  
 Beekman Sash, Door & Woodworking Co., Path, N. Y.  
 Beekman Sash, Door & Woodworking Co., 259 B'way, New York.  
 Beekman, Wm. F., architect, 345 5th av, New York.  
 Beeland, W. J., contractor, Macon, Ga.  
 Beeler & Campbell Sup. Co., oil & gas well supplies, Mowata, Okla.  
 Beeman & Cashin Mercantile Co., whol. hdwe., Evanston, Wyo.  
 Beeman Garden Tractor Co., traction engines, 711 15th av, N. E., Minneapolis, Minn.  
 Beer, Sondheim & Co., zinc, ores, aluminum sheets, antimony, etc., 61 B'way, New York.  
 Beere, George W., aluminum, brass & bronze castings, railings, screens, etc., 294 Taaffe pl, Brooklyn, N. Y.  
 Beerline, J. W., & Sons, brick & tile, Cridersville, Ohio.  
 Beers Bros., machsts, Rochester, N. Y.  
 Beers Constr. Co., Fort Wayne, Ind.  
 Beers, Herbert P., architect, 38 S. Dearborn, Chicago, Ill.  
 Beers, Isaac, contractor, 123 E. 23d, New York.  
 Beers, J. L., & Sons, fndrs., Swales, Pa.  
 Beers, W. Harmon, architect, 17 Madison av, New York.  
 Beers & Warfield, contrs., & masons' & bldrs.' matls., Cortland, N. Y.  
 Beerston Acetate Co., Olean, N. Y.  
 Beery, Jesse, Co., bits (bridle), Pleasant Hill, Ohio.  
 Bee's, John D., Sons, cornices, Lynn, Mass.  
 Beese, Chas., & Son, contractors, Lick Run rd, Cincinnati, Ohio.  
 Beeson, D. R., architect, Johnson City, Tenn.  
 Beeson, Fred C., veneer mfrs., 1032 Fulton, Chicago, Ill.  
 Beeson Hardware Co., High Pt., N. C.  
 Beeten Lumber & Mfg. Co., Carlisle, Pa.  
 Beezer Bros., architects, Northern Bk. & Trust Bldg., Seattle, Wash.  
 Beffel, Frank, Mfg. Co., machsts., Racine, Wis.  
 Begardus, C. E., testing lab., Seattle, Wash.  
 Beggs & Cobb Tanning Co., patent leather, Boston, Mass.  
 Beggs, James, & Co., mill & facty. supplies, boilers, engines, etc., 30 Warren, New York.  
 Beggs Pipe & Fdry. Co., Birmingham, Ala.  
 Beggs Wagon Co., Kansas City, Mo.  
 Begnaud, J. W., masons' & bldrs.' matls., Breau Bridge, La.  
 Behel, Vernon W., architect, 25 N. Dearborn, Chicago, Ill.  
 Behle, C. J., & Sons Co., contractors, Covington, Ky.  
 Behlen, Chas., Sons Co., carriages, 15th & Vine, Cincinnati, Ohio.  
 Behlen, H., & Bro., wood stains, shellac, oil—soluble colors, 371 Pearl, New York.  
 Behles, E. P., architect, Hicks Bldg., San Antonio, Tex.  
 Behm, Gustav, classic wood carver, 715 North av, Chicago, Ill.  
 Behm, J., & Co., contractors, 141 Oak, San Francisco, Cal.  
 Behning Piano Co., 306 E. 133d, New York.  
 Behr, Frederick H., architect, Morristown, N. J.  
 Behr, Herman, & Co., flint paper, 61 B'way, New York.  
 Behr & Steiner, spelter, 81 Fulton, New York.  
 Behrend, F., chemical app; polishing cloths, pumice stone, etc., 54 Front, New York.  
 Behrend, Jacob, blacking cases, 122 W. Allen, Philadelphia, Pa.  
 Behrend & Rothchild, match safes, 353 B'way, New York.  
 Behrend & Rothchild, rubber balloons, 54 Van Dam, Greenpoint, L. I., N. Y.  
 Behrendt, Herman F., machsts., 22 Green, Newark, N. J.  
 Behrens & Bushness, machsts., Ivorton, Conn.  
 Behrens, H., Mfg. Co., wash boilers, Winona, Minn.  
 Behrens, O. J., & Son, contractors, Wilkes-Barre, Pa.  
 Behrensmeyer, Geo. P., architect, 403½ Main, Quincy, Ill.  
 Behrer, Arnold & Sons, plumbers' supplies, jobbers, 273 Pearl, New York.  
 Behrer & Benson, sash, door & blind mfrs., 1545 E 63d, Chicago, Ill.  
 Behrer & Co., mill, facty. & plumbers' supplies (jobbers), 81 Beekman, New York.  
 Behringer, Edw. A., mill & facty. supplies, 88 W. Broadway, New York.  
 Beidler, F., mill & facty. supplies, Upper Sandusky, Ohio.  
 Beidler, Francis, ties, poles & posts, 20 W. Jackson, Chicago, Ill.  
 Beidler, Henry S., masons' & bldrs.' matls., Doylestown, Pa.  
 Beier Water Heater Co., 311 Water, Pittsburgh, Pa.  
 Beieri, Max G., architect, German Am. Bk. Bldg., Buffalo, N. Y.  
 Beigel, Hy., rattans, reed & chair canes, 154 Nassau, New York.  
 Beighlee Electric Co., 427 Columbia Bldg., Cleveland, Ohio.  
 Beil, A. W. & Son, contractors, Sharon, Pa.  
 Beiler, Henry P., architect, 3166 Lincoln av, Chicago, Ill.  
 Beilman, W. E., heaters, Buffalo, N. Y.  
 Beimer, Anthony, architect, San Bernardino, Cal.  
 Bein, E. & Co., plate glass, 1632 Milwaukee av, Chicago, Ill.  
 Beinhauer, Alfred, contractor, 25 Beaver, New York.  
 Beisley, David, brooms, Wamego, Kans.  
 Beitel L'br Co., San Antonio, Tex.  
 Beith & Reilly Co., mill & facty. & plumbers' supplies (jobbers), 2475 3rd av, New York.  
 Beiting, Edward, architect, 411 W. 10th, Newport, Ky.  
 Beitner, Geo. L., oven illuminators, Bridgeport, Conn.  
 Beitzel, Jacob, & Sons, sashes, doors and blinds, York, Pa.  
 Bel, J. A., Lumber Co., Ltd., Lake Charles, La.  
 Bel Air Packing Co., Bel Air, Md.  
 Belber Trunk & Bag Co., 1641 N. Hancock, Philadelphia, Pa.  
 Belcher & Loomis Hardware Co., 89 Weybosset, Providence, R. I.  
 Belcher Malleable Iron Co., Easton, Mass.  
 Belcher & Taylor Agricultural Tool Co., fertilizer distributors, Chicopee Falls, Mass.  
 Belden, A. G., & Co., lubrg. oils & greases, 145 Maiden la, New York.  
 Belden Brick Co., Canton, O.  
 Belden Machine Co., drop forgings, etc., New Haven, Conn.  
 Belden Mfg. Co., testing & ground connection clamps, etc., 2316 S. Western av, Chicago, Ill.  
 Belding Bros. & Co., silk thread, 902 Broadway, New York.  
 Belding-Hall Co., mchsts. & fdrs., Belding, Mich.  
 Belfast Slate Co., roofing slate mfrs., Nazareth, Pa.  
 Belfi Bros. & Co., terrazzo & mosaic flooring, 1923 Market, Philadelphia, Pa.  
 Belfield, H., Co., mill & facty. supplies & steam specialties, 435 N. Broad, Philadelphia, Pa.



- Belfont Iron Works Co., Ironton, Ohio.  
 Belgium Cannery, Belgium, Wis.  
 Belgrade Glass Co., tumblers, Buckhannon, W. Va.  
 Belisle, Jos., brick, Fishkill Landing, N. Y.  
 Belknap, C. C., Glass Co., Seattle, Wash.  
 Belknap Hardware & Mfg. Co., 2nd & Washington, Louisville, Ky.  
 Belknap, John A., shovel mfrs., Anamosa, Ia.  
 Belknap Mfg. Co., mchsts. & fndrs., Bridgeport, Conn.  
 Belknap-Moran-Allen Co., glaziers' putty, 5 Ainslie, Brooklyn, N. Y.  
 Belknap & Phillips, common brick, St. Clair, Mich.  
 Belknap Wagon Co., Grand Rapids, Mich.  
 Bell, A. W., contractor, Spring Grove av, Cincinnati, Ohio.  
 Bell, Algernon S., architect, 320 5th av, New York.  
 Bell Arc Light Co., 20 W. Houston, New York.  
 Bell Art Glass Wks., 2416 North av, Milwaukee, Wis.  
 Bell Bag Co., 63 Front, New York.  
 Beli & Bentley, Inc., architects, Security Bk. Bldg., Minneapolis, Minn.  
 Bell-Bockell Co., stone producers, Altoona, Pa.  
 Bell Boiler & Iron Co., Lancaster, Pa.  
 Bell Book & Stationery Co., 914 E. Main, Richmond, Va.  
 Bell Bottle Co., Fairmount, Ind.  
 Bell Bros., mchsts. & fndrs., 27th & A. V. R. R., Pittsburgh, Pa.  
 Bell Bros. Piano Co., Muncie, Ind.  
 Bell, Bruce W., architect, Easton, Pa.  
 Bell, C., tile, Craigville, Ind.  
 Bell, C. S., Co., agricultural implements, Hillsboro, Ohio.  
 Bell & Clairbone, contractors, 1240 Dauphine, New Orleans, La.  
 Bell, D. J., mchsts., 1811 Larchmont av, Chicago, Ill.  
 Bell, Clyde Chas., architect, Cranford, N. J.  
 Bell, E. A., sash, door & blind mfrs., Valparaiso, Ind.  
 Bell, Edw. L., contractor, Norfolk, Va.  
 Bell, Edwin, Co., cooperage stock, So. 17th, Pittsburgh, Pa.  
 Bell Electric Motor Co., Garfield, N. J.  
 Bell, Geo. A., Fertilizer Wks., Wheelersburg, Ohio.  
 Bell & Gossett, case hardening & tempering compounds, Archer av & Mary, Chicago, Ill.  
 Bell & Howell Co., battery charging rheostats, 1803 Larchmont av, Chicago, Ill.  
 Bell, J. W., flour mill, Spartanburg, S. C.  
 Bell, J. W. Co., eave-trough hangers, Mercer, Pa.  
 Bell, John C., architect, 5743 Catherine, West Phila., Pa.  
 Bell, Jno., Co., masons' & builders' materials, E. 138th & Gerard av, N. Y. City.  
 Bell, H. E., mill & facty. supplies, 212 Church, Philadelphia, Pa.  
 Bell Knitting Co., sweaters, gloves, 352 4th av, New York.  
 Bell Locomotive Wks., Yonkers, N. Y.  
 Bell, Louis F., contractor, Wakefield, R. I.  
 Bell Lumber Co., Security Bank Bldg., Minneapolis, Minn.  
 Bell, M. F., architect, Fulton, Mo.  
 Bell Mach. Wks., Anacortes, Wash.  
 Bell Mfg. Co., hand vacuum cleaners, Cleveland, Ohio.  
 Bell Motor Car Co., York, Pa.  
 Bell, O. C., turpentine, Holley, Fla.  
 Bell, O. E., mchst. & fdr., Moscow, Idaho.  
 Bell Oil Co., 115 Ferry, St. Louis, Mo.  
 Bell Pump & Mfg. Co., 78 Fort E., Detroit, Mich.  
 Bell, Sam'l R., Jr., contractor, Chester, Pa.  
 Bell-Scott Co., contractors, Seattle, Wash.  
 Bell, W. E., architect, Shoaff bldg., Ft. Wayne, Ind.  
 Bell, W. H., contractor, Closter, N. J.  
 Bell, W. R., Jr., architect, Murfreesboro, Tenn.  
 Bell & Wildman, 619 Upshur, machy. dealers, Portland, Ore.  
 Bell, Wm. L., architect, 33 Rock, Atlanta, Ga.  
 Bellaire Bottle Co., Bellaire, Ohio.  
 Bellaire Stove Co., Bellaire, Ohio.  
 Bellbuckle Milling Co., flour, Bellbuckle, Tenn.  
 Belle City Incubator Co., Racine, Wis.  
 Belle City Malleable Iron Co., Racine, Wis.  
 Belle City Mfg. Co., agricultural implements, machsts. & fndrs., Racine, Wis.  
 Bellefontaine Bridge & Steel Co., Bellefontaine, Ohio.  
 Bellefontaine Hame Co., Bellefontaine, Ohio.  
 Bellefonte Brick Co., Bellefonte, Pa.  
 Bellefonte Eng'g Co., mchsts. & fndrs., Bellefonte, Pa.  
 Bellefonte Lime Co., Bellefonte, Pa.  
 Belle Plaine Canning Co., Belle Plaine, Ia.  
 Belleville Alfalfa Milling Co., meal, Belleville, Kansas.  
 Belleville Brick & Tile Co., Belleville, Ill.  
 Belleville Fdry. Co., Belleville, Ill.  
 Belleville Implement & Motor Co., mchsts. & fndrs., Belleville, Ill.  
 Belleville Shock Mover Co., agricultural implements, Belleville, Ill.  
 Belleville Stove & Range Co., Belleville, Ill.  
 Bellevue Furnace Co., 703 Bellevue, Detroit, Mich.  
 Bellevue Industrial Furnace Co., 703 Bellevue av, Detroit, Mich.  
 Bellevue Piano Co., Bellevue, Ia.  
 Bellflower Canning Co., Bellflower, Cal.  
 Bellinger, A. A., lumber mfrs., Tonawanda, N. Y.  
 Bellingham Beading Co., mattresses, Bellingham, Wash.  
 Bellingham Canning Co., Bellingham, Wash.  
 Bellis, A. J., architect, 1403 23d, Galveston, Tex.  
 Bellis, Wm. L., horse collars, Cleveland, Ohio.  
 Bellmark Co., potteries, Trenton, N. J.  
 Bellony, Alexander N., architect, 537 Woodlawn av, Buffalo, N. Y.  
 Bellows & Aldrich, architects, 8 Beacon, Boston, Mass.  
 Bellows Bros., mchsts. & fndrs., Salem, Ind.  
 Bellows, C. W., architect, Ruggery Bldg., Columbus, Ohio.  
 Bellows, Chas. H., Cut Stone Co., 503 E. 115th, New York.  
 Bellows, Elvin H., lumber, Frankfort, Mich.  
 Bellows Falls Mach. Co., chilled calender rolls, Bellows Falls, Vt.  
 Bellows Falls Pulp Plaster Co., Bellows Falls, Vt.  
 Bellows, W. R., oat crushers, 4 Hall pl, New York.  
 Bell's, Sam'l, Sons, contractors, Lebanon, Pa.  
 Bellwood Mfg. Co., mchsts. & fndrs., Bellwood, Pa.  
 Belmar Mfg. Co., garment hangers, Canton, Pa.  
 Belmer, H. Co., wire goods, 628 W. 3d, Cincinnati, Ohio.  
 Belmont Button Wks., 47 W. 34th, New York.  
 Belmont Casket Mfg. Co., Columbus, Ohio.  
 Belmont Distillery Co., Louisville, Ky.  
 Belmont Gurnee Stone Co., New Durham, N. J.  
 Belmont, Hy., heating contr., 103 Park av, New York.  
 Belmont Iron Wks., mchsts. & fndrs., fences, gates, steel structural work, etc., 22d & Washington av, Philadelphia, Pa.  
 Belmont Packing & Rubber Co., 133 N. 2nd, Philadelphia, Pa.  
 Belmont Stamping & Enameling Co., New Philadelphia, Ohio.  
 Belnap, H., Lbr. Co., sash door & blind mfrs., Ogden, Utah.  
 Beloit Box Board Co., Beloit, Wis.  
 Beloit Fdry. Co., Beloit, Wis.  
 Beloit Iron Works, paper mchy., Beloit, Wis.  
 Beloit Lumber Co., Beloit, Wis.  
 Belt Grip Pulley Co., 182 Breckenridge, Buffalo, N. Y.  
 Belt Line Brick Co., 512 Andrus Bldg., Minneapolis, Minn.  
 Belt Line Crusher Co., stone, Kansas City, Mo.  
 Belt, P. P., machinist, Fredonia, Kans.  
 Beltine Chemical & Mfg. Co., belt dressings, soap, etc., 401 N. Sangamon, Chicago, Ill.  
 Belting & Machy. Co., Rochester, N. Y.  
 Belton Mills, sheetings, cotton, Belton, S. C.  
 Beltz, J. W., Sons Co., sash, door & blind mfrs., Wheeling, W. Va.  
 Belvidere Milling Co., flour, Belvidere, Tenn.  
 Belvidere Screw & Mach. Co., Belvidere, Ill.  
 Belz, J. H., Provision Co., 3501 S. B'way, St. Louis, Mo.  
 Beman Automatic Oil Can Co., Meadville, Pa.  
 Beman, J. Garfield, architect, Park av & 41st, New York.  
 Beman, Spencer S., architect, 332 S. Michigan av, Chicago, Ill.  
 B. E. Mfg. Co., mechanics' aprons, auto. tire holders, etc., 444 B'way, New York.  
 Bement Miles Wks., fndrs., 21st & Callowhill, Philadelphia, Pa.  
 Bement Stove Repair Co., grey iron castings, Lansing, Mich.  
 Bement's, E., Sons, cultivators, Lansing, Mich.  
 Bemis, A. L., manual training benches & pattern makers, Worcester, Mass.  
 Bemis, Addison L., architect, Worcester, Mass.  
 Bemis Bros. Bag Co., aprons, blankets, school bags, etc., 601 S. Fourth, St. Louis, Mo.  
 Bemis & Call Hardware & Tool Co., Springfield, Mass.  
 Bemis Car Truck Co., Springfield, Mass.  
 Bemis Indianapolis Bag Co., Barth av & Belt, Indianapolis, Ind.  
 Bemis, J. M., & Son, lumber, Bradford, Pa.  
 Ben Hill Co., fertilizer, Fitzgerald, Ga.  
 Ben-Hur Metal Polish Co., Crawfordsville, Ind.  
 Ben Hur Vacuum Cleaner Co., Indianapolis, Ind.  
 Ben-Mohr Mfg. Co., bakers' molds, 51 Cliff, New York.  
 Benard, Thos. H., & Son, contractors, 39 Neponset, Boston, Mass.  
 Benazet Heddle Co. (Ltd.), tex. machy. supplies, etc., 500 W. Girard av, Philadelphia, Pa.  
 Benbow Co., desk tel. brackets, 54 N. 6th, Philadelphia, Pa.  
 Benda, Geo., bronze powders, 112 E. 19th, New York.  
 Bender, C., & Sons, lbr., Houston, Tex.  
 Bender, Geo., machy dtrs., 128 Center, New York.  
 Bender, Hy., brick, Gardenville, N. Y.  
 Bender, Hy., platinum foil, rivets, etc., 42 Walnut, Newark, N. J.  
 Bender, L. W., & Son, contractors, Cape Girardeau, Mo.  
 Bender, Ph. J., & Sons, mchsts., 87 Frankfort, New York.  
 Bender, W. M., contractor, New Castle, Pa.  
 Bendinger, Louis, stone producers, Lockport, N. Y.  
 Bene, John, & Sons, peroxide of hydrogen, 645 Dean, B'klyn, N. Y.  
 Benecia Agric. Wks., horse hoes, Benecia, Cal.  
 Benecke, F. F., & Son, brick & tile, Corwin, Ohio.  
 Benedetto, Clark Nugent, Inc., contractor, 423 E. 115th, New York  
 Benedict & Burnham, machsts., Waterbury, Conn.  
 Benedict, E., contractor, Keeline Bldg., Omaha, Neb.  
 Benedict, E. E., architect, 51 Leavenworth, Waterbury, Conn.  
 Benedict, Eli, architect, 1947 B'way, New York.  
 Benedict, Frederick S., architect, 50 E. 41st, New York.  
 Benedict, J. B., architect, Central Savings Bk. Bldg., Denver, Col.  
 Benedict, John, Co., brick, Davenport, Iowa.  
 Benedict, John S., Lumber Co., 419 N. Halsted, Chicago, Ill.  
 Benedict Mfg. Co., silver plated hollow ware, knives, etc., East Syracuse, New York.  
 Benedict, Wm. K., architect, 527 5th av, New York.  
 Benedict Wrench Co., 143 W. Austin, Chicago, Ill.  
 Benefiel, C. E., Co., combination tools, Indianapolis, Ind.  
 Benesch, Jos., & Co., scrap iron, 1718 Vilet, Milwaukee, Wis.  
 Benfield & Milne Mfg. Co., signs, 374 Woodside av, Newark, N. J.  
 Benford Mfg. Co., spark plugs, Mount Vernon, N. Y.  
 Benham & Noyes, corn syrup, 12 B'way, New York.  
 Benjamin Air Rifle Mfg. Co., St. Louis, Mo.  
 Benjamin, C. W., wood handles, Sidney, Ohio.



- Benjamin, Chas. H., architect, 772 E. 25th, Paterson, N. J.  
 Benjamin, Chas. K., contractor, Geneva, N. Y.  
 Benjamin Elec. Mfg. Co., 120-128 S. Sangamon, Chicago, Ill.  
 Benjamin Hdwe. Co. (wholesale), Phoenixville, Pa.  
 Benjamin, M. E., architect, St. Petersburg, Fla.  
 Benjamin, Michael, cornices, 1718 S. 4th, Philadelphia, Pa.  
 Benjamin, R. A., architect, Bisbee Bldg., Jacksonville, Fla.  
 Benjamin-Sellar Mfg. Co., stove pipe braces, 559 W. Quincy, Chicago, Ill.  
 Benjamin & Straight, architects, 293 Woodward, Detroit, Mich.  
 Benjamin, T., & Sons, architects, Wenham Bldg., Grand Rapids, Mich.  
 Benker, F. K., & Co., barrel machy., Millersburg, Pa.  
 Benneche, Edw., & Bro., fishing poles, 43 Gt. Jones, New York.  
 Benner, Elmer C., architect, Asbury Park, N. J.  
 Benner, J. H., & Co., contrs., Marion, Ind.  
 Benner Mfg. Co., toys, games, etc., Lancaster, Pa.  
 Benners, E. H., Co., lubrg. oils, 32 Front, New York.  
 Bennes, John V., architect, Chamber of Commerce Bldg., Portland, Ore.  
 Bennet, Jno. E., stone producers, Port Jefferson, N. Y.  
 Bennett-Barnes Co., contrs., Terre Haute, Ind.  
 Bennett, Benj. F., Bldg. Co., contractors, 123 S. Howard, Baltimore, Md.  
 Bennett & Bennett, machsts., Terre Haute, Ind.  
 Bennett Bros., stone producers, Winston-Salem, N. C.  
 Bennett Bros. Co., machsts., Lowell, Mass.  
 Bennett & Carey Bros. Co., canned goods, Frankford, Del.  
 Bennett Carriage Co., Burlington, Ia.  
 Bennett Contracting Corp., Portland, Me.  
 Bennett, D. C., architect, 717 Marquette av., Minneapolis, Minn.  
 Bennett, D., & Son, contractors, Schenectady, N. Y.  
 Bennett & Douglas, contractors, New Bedford, Mass.  
 Bennett Dreyer Buss Belting Co., 3110 N. 11th, St. Louis, Mo.  
 Bennett, E. C., lumber mfr., Galena, Ohio.  
 Bennett, E. W., & Co., metal polish, tin cans, etc., 2000 16th, San Francisco, Cal.  
 Bennett, Edw. H., architect, Railway Exchange, Chicago, Ill.  
 Bennett, Edwin, Pottery Co., Baltimore, Md.  
 Bennett, Edwin T., architect, Mahwah, N. J.  
 Bennett, Frank H., contractors, Seattle, Wash.  
 Bennett Furnace Co., 6531 Euclid av., Cleveland, Ohio.  
 Bennett, G. S., & Co., plate glass, 114 N. 9th, Philadelphia, Pa.  
 Bennett, G. W., & Bro., canned goods, Inverness, Md.  
 Bennett, Geo. W., contractor, Franklin Bldg., Baltimore, Md.  
 Bennett, Geo. W., lumber mfrs., Pitcher, N. Y.  
 Bennett, H. E., & Co., brick, Sidney, Ohio.  
 Bennett, H. L., plate glass, Philadelphia Bourse, Phila., Pa.  
 Bennett, H. L., Box Factory, packing boxes, Seattle, Wash.  
 Bennett, H. L., & Co., agricultural implements, Westerville, O.  
 Bennett Hardwood Lumber Co., Memphis, Tenn.  
 Bennett, I. A., Co., guy anchors, 567 W. Van Buren, Chicago, Ill.  
 Bennett, I. S., canned goods, Riverton, Md.  
 Bennett, J. A., masons' & bldrs.' matls., Ravenna, Ohio.  
 Bennett, J. A., & Son, incubators, Gouverneur, N. Y.  
 Bennett, J. W., canned goods, Auburn, Me.  
 Bennett, Jas. V., & Co., contractors, Williamsport, Pa.  
 Bennett, Jno. C., masons' & bldrs.' matls., Lowell, Mass.  
 Bennett & Lear, masons' & bldrs.' matls., West Chester, Pa.  
 Bennett & Lindenfield, architects, Benton Harbor, Mich.  
 Bennett Lumber & Mfg. Co., Hart, Mich.  
 Bennett, M., contractor, 50 Hedley, Providence, R. I.  
 Bennett, M., & Sons, contractors, Indiana, Pa.  
 Bennett Mfg. Co., machsts. & fndrs., Plymouth, Mich.  
 Bennett Mfg. Co., woodenware & nov. mfrs., Portland, Me.  
 Bennett & Mason Co., whol. hdwe., 154 State, Rochester, N. Y.  
 Bennett, N. T., fertilizer mfr., New Windsor, Md.  
 Bennett-O'Connell Co., platers' & polishers' supplies, 3600 So. Morgan, Chicago, Ill.  
 Bennett Organ Co., Rock Island, Ill.  
 Bennett, Perry, & Sons, stone producers, Stoneham, Mass.  
 Bennett, R. A., architect, Tuckahoe, N. Y.  
 Bennett & Smith Co., contractors, Greensburg, Pa.  
 Bennett & Talbott, contractors, Greensburg, Pa.  
 Bennett, Thos., architect, 5123 3rd av., Brooklyn, N. Y.  
 Bennett, W. S., & Co., masons' & bldrs.' matls., 30th & L. E. & W. Ry., Indianapolis, Ind.  
 Bennett, Wells E., architect, La Crosse, Wis.  
 Bennett-Wheeler Mer. Co., cornices & skylights, Butler, Mo.  
 Bennett, Wm. Arthur, architect, 19 S. La Salle, Chicago, Ill.  
 Bennett, Wm. B., contractor, 742 N. Negleg av., Pittsburgh, Pa.  
 Bennett, Wm. H., Co., boot & shoe counters, Lynn, Mass.  
 Bennett Wire Co., wire cloth mfrs., 15 Park row, New York.  
 Bennett & Witte, lumber mfrs., 222 W. 4th, Cincinnati, Ohio.  
 Bennetts, B. H., metallurgical engrs., Tacoma, Wash.  
 Bennington, S. B., contractor, Lynchburg, Va.  
 Bennington Scale Co., elec. cooking app., Bennington, Vt.  
 Bennington Wax Paper Co., Bennington, Vt.  
 Bennis, Edw. F., contractor, P. O. Bldg., Germantown, Phila., Pa.  
 Bennis, Richard P., contractor, 3d & Erie, Philadelphia, Pa.  
 Benns, W. E., architect, Bessemer, Ala.  
 Benns & Wisscher Co., carriages, Schenectady, N. Y.  
 Benoit, Constant A., baking enamels, Sheephead Bay, N. Y.  
 Benolite Co., inslg. var., 331 4th av., Pittsburgh, Pa.  
 Benore, John, contractor, Scranton, Pa.  
 Benroth Bros., machinists, Columbus Grove, Ohio.  
 Bens, Wm., Co., manicure sets, silver novelties, shears, etc., 7 Beverly, Providence, R. I.  
 Benskin Mfg. Co., pattern making outfits, Canton, Ohio.  
 Benson, A. M., & Co., barrel machy., Cleveland, Ohio.  
 Benson, A. R., Co., soldering flux, Hudson, N. Y.  
 Benson & Andrews, architects, Augusta, Ga.  
 Benson & Barbot, architects, Charleston, S. C.  
 Benson, C. H., grain elevator builder, 406 Corn Exchange, Minneapolis, Minn.  
 Benson, Chas. A., & Co., steel structural work, 1810 Fairfield av., Chicago, Ill.  
 Benson Coal Co., masons' & bldrs.' matls., Melrose, Mass.  
 Benson Dry Plate & Camera Co., 23 Delancey, New York.  
 Benson, Edw., architect, 118 N. La Salle, Chicago, Ill.  
 Benson, Emil, & Son, contractors, 340 Willard, Providence, R. I.  
 Benson, Fred S., machinist, Port Allegany, Pa.  
 Benson, Geo. S., & Sons, contractors, Stimpson Bldg., Los Angeles, Cal.  
 Benson, H. K. & F. S., rolling mills—brass & copper, Glen Ridge, N. J.  
 Benson Hardware Co., Andalusia, Ala.  
 Benson, J. P., architect, 331 Madison av., New York.  
 Benson, L. A., machsts. tools & supplies, 8 E. Lombard, Baltimore, Md.  
 Benson & Marxer, contractors, Des Moines, Ia.  
 Benson Mines Co., iron ore mines, Benson Mines, St. Lawrence Co., N. Y.  
 Benson, Newman, contractor, 1625 Bedford av., Pittsburgh, Pa.  
 Benson, Oscar T., contractor, Hitchcock rd., Worcester, Mass.  
 Benson & Peterson, contractors, 437 Leclair av., Chicago, Ill.  
 Benson-Phillips & Co., masons' & bldrs.' matls., Newport News, Va.  
 Benson-Phillips Co., masons' & bldrs.' matls., Newport News, Va.  
 Benson, W. T., & Co., lubricating oils & greases, 232 N. Front, Philadelphia, Pa.  
 Bent, F. H., architect, Bound Brook, N. J.  
 Bent, G. W., Co., machsts. & fndrs., 93 Causeway, Boston, Mass.  
 Bent, Geo. P., Co., pianos, 214 S. Wabash av., Chicago, Ill.  
 Bent Glass Nov. Co., 22 Wooster, New York.  
 Bent, Jas. S., core compounds, fish oils, etc., 117 1st, S. Boston, Mass.  
 Bent, S., & Bros., combination step-ladder chairs, Gardner, Mass.  
 Bent & Pennebaker, contractors, Los Angeles, Cal.  
 Bentel & Hyland, contractors, Cheviot, Ohio.  
 Bentel & Margedant Co., automobile body & wheel machy., etc., Hamilton, Ohio.  
 Benthall Mach. Co., coffee pickers, 115 Shoop, Suffolk, Va.  
 Bentley, A., & Sons Co., contractors, etc., 201 Belmont, Toledo, Ohio.  
 Bentley, F. A., machst. & fndr., West Point, Miss.  
 Bentley & Gerwig Furniture Co., Parkersburg, W. Va.  
 Bentley, J. A., Lumber Co., Zimmerman, La.  
 Benton, A. B., architect, 114 N. Spring, Los Angeles, Cal.  
 Benton & Benton, architects, Chamberlaine Bldg., Norfolk, Va., and Wilson, N. C.  
 Benton Brick & Pottery Co., Benton, Ark.  
 Benton County Hardware Co., Rogers, Ark.  
 Benton, E. R., architect, 67 Milk, Boston, Mass.  
 Benton Electric Co., machsts. & fndrs., La Crosse, Wis.  
 Benton, Geo. P., Co., ties, poles, etc., 133 W. Washington, Chicago, Ill.  
 Benton Harbor Malleable Foundry Co., castings, Benton Harbor, Mich.  
 Benton, L. F., Co., spark plugs, Vergennes, Vt.  
 Benton Mfg. Co., machinists, Monticello, Ga.  
 Benton Mfg. Co., machinists, 9 Bethune, New York.  
 Benton, Perry T., architect, Green Bay, Wis.  
 Benton Supply Co., fertilizer, Monticello, Ga.  
 Benton, Wm. H., architect, Bond Bldg., Washington, D. C.  
 Bentonville Milling Co., flour, Bentonville, Va.  
 Bentz, Frank B., machsts. & fndrs., Brunnerville, Pa.  
 Benvenue Granite Co., Stonington, Me.  
 Benz, Adam, & Son, machsts. & fndrs., Bank & Central, Cincinnati, Ohio.  
 Benzie & Campbell, granite, St. Cloud, Minn.  
 Benzien, Herman, brick, Wisner, Neb.  
 Benzol Products Co., aniline oils, Marcushook, Pa.  
 Berbecker, Julius, & Sons Co., hardware, Arlington Heights, Ill.  
 Berbecker & Rowland Mfg. Co., brass specialties & hardware mfrs., Waterville, Conn.  
 Berbert, A., & Bro., surgical instruments, 430 Sutter, San Francisco, Cal.  
 Berchem, Julius, founders, 4921 W. Lake, Chicago, Ill.  
 Berckmans, P. J., Co., landscape architects, Augusta, Ga.  
 Berdel, J. G., contractor, Canton, Ohio.  
 Berea Canning Co., Berea, Ky.  
 Bereda Mfg. Co., varnish mfrs., Zion City, Chicago, Ill.  
 Berenson & Moses, architects, 904 Main, Hartford, Conn.  
 Berg Auto. Trunk & Spec. Co., 400 Lafayette, New York.  
 Berg Bros., advg. nov., 472 B'way, New York.  
 Berg, Chas. I., architect, 331 Madison av., New York.  
 Berg Co., glue mfrs., Ontario below Richmond, Philadelphia, Pa.  
 Berg, David, Distilling Co., denatured alcohol, Delaware & Tasker, Philadelphia, Pa.  
 Berg, Edward J., architect, 223 Elizabeth, Utica, N. Y.  
 Berg, F. O., Co., contrs. tents, Spokane, Wash.



- Berg, James, Mfg. Co., hydrometers & thermometers, 3707 12th av, Brooklyn, N. Y.
- Berg, John, & Bro., ironing boards, ladders, etc., 5001 5th av, Chicago, Ill.
- Berg, Louis O., machinist, Madison, Minn.
- Berg, Wm., Co., carriages, Omaha, Neb.
- Bergami, F. Nicholas, granite producers, Milford, N. H.
- Bergbom & Roberg, ironing machs., 218 N. Jefferson, Chicago, Ill.
- Berge, J. & H., chemical app., crucible mfrs., etc., 95 John, New York.
- Bergen, E., & Sons, masons' & bldrs.' matls., Waterbury, Conn.
- Bergen, J. D., Co., cut glassware, Meriden, Conn.
- Bergen & Lindeman, contractors, 191 B'way, New York.
- Bergen Paper Co., Lambertville & Little Ferry, N. J.
- Bergen Point Iron Wks., Bayonne, N. J.
- Bergendahl-Knight Co., contractors, 111 W. Monroe, Chicago, Ill.
- Berger, A. A., & Co., iron (architectural & ornamental), Houston, Tex.
- Berger-Aiken Coal Co., coal miners & dealers, Benedum-Trees Bldg., Pittsburgh, Pa.
- Berger, Albert, & Co., lenses, watch crystals, 45 John, New York.
- Berger Bros., charcoal, 1186 Cherry av, Chicago, Ill.
- Berger Bros., fertilizer mfrs., Easton, Pa.
- Berger Bros. Co., tin plates & metals, 229 Arch, Phila., Pa.
- Berger, Bruno W., & Son, architects, 121 Bible House, New York.
- Berger, C. L., & Sons, architects' instruments, 35 Williams, Boston, Mass.
- Berger, Carl P., architect, S. Penn Sq. Bldg., Philadelphia, Pa.
- Berger, Carrie, sporting & athletic goods, Covington, Ky.
- Berger, Chas., machst. & fndr., Belleville, Ill.
- Berger, Mrs. Chas. E., flour mills, Trout Run, Pa.
- Berger, Edw. W., & Bro., mill, facty. & plumbers' supplies (jobbers), Weehawken, N. J.
- Berger, Glose Co., wholesale hardware, Allentown, Pa.
- Berger, Gustav, sash, door & blind mfrs., 1143 N. Front, Philadelphia, Pa.
- Berger, H., Sons, stucco wk., papier mache mfrs., 302 E. 37th, New York.
- Berger & Hawden Mfg. Co., egg automatic boilers, Homestead, Pa.
- Berger, Jacob F., architect, 349 13th av, Brooklyn, N. Y.
- Berger, L. D., tin plate, metals, etc., 59 N. 2nd, Phila., Pa.
- Berger, Louis, & Co., architects, 1652 Myrtle av., Evergreen, N.Y.
- Berger Mach Co., fruit wrapping machs., Springfield, Mass.
- Berger Mfg. Co., roofing, etc., Canton, Ohio.
- Berger Mfg. Co. of Cal, corr. iron mfrs., 1120 Mission, San Francisco, Cal.
- Berger, Rich. A., architect, 811 N. 15th, St. Louis, Mo.
- Berger, Richard, & Son, architect, 309 B'way, New York.
- Berger, S. K., plate glass, 414 S. Dearborn, Chicago, Ill.
- Berger Specialty Mfg. Co., metal specialties, Richmond, Va.
- Berger, William, & Co., bed springs, mattresses, etc., 392 Florida, Milwaukee, Wis.
- Berger & Wirth, printing inks, 58 Columbia Hts., Brooklyn, N. Y.
- Bergeron, H. J., machinist, Houma, La.
- Bergeron, J. L., & Son, contractors, Burlington, Vt.
- Bergesen, John, architect, 153 W. 126th, New York.
- Bergey, Aaron E., architect, Bessemer Bldg., Pittsburgh, Pa.
- Berggren & Pearson Mach. Co., 221 Canal, New York.
- Bergh, Wm., cornices, Newton, Kan.
- Berghausen Machine Co., 2128 Colerain av. Cincinnati, Ohio.
- Berghofer, Mitchell Co., machinists, Quincy, Ill.
- Bergholtz, Edmund, architect, Galena Bk., Salt Lake City, Utah.
- Bergholtz, Stroditz & Co., machinists, 2230 Ogden av, Chicago, Ill.
- Bergin, M. J., Lbr. Co., 225 Dennison av, Columbus, Ohio.
- Bergland, G. A., lbr., Matthews Bldg., Milwaukee, Wis.
- Berglas, M. P., Mfg. Co., plumbers' wood wk., 10 Fulton, Brooklyn, N. Y.
- Berglund, Chas., & Son, cornices, 236 E. 42d, New York.
- Bergman, Andrew, contractor, Troy, N. Y.
- Bergman, Jos. A., & Son, contractors, 2610 Wylie av, Pittsburgh, Pa.
- Bergman Knitting Mills, Osceola & Pastorius, Gtn., Phila., Pa.
- Bergman Mfg. Co., dumb waiters, 304 W. 127th, New York.
- Bergman Tool Mfg. Co., Buffalo, N. Y.
- Bergman, W., Hardware Co., 44 E. Genesee, Buffalo, N. Y.
- Bergmann, F. J., soap, 413 W. Morris, Indianapolis, Ind.
- Bergner, Fred, & Co., jewelers' boxes, Paca & Cross, Baltimore, Md.
- Bergquist, B., dumb waiters, 534 Union, Brooklyn, N. Y.
- Bergquist Bros., contractors, Duluth, Minn.
- Bergren, L. G., & Son, contractors, Hearst Bldg., San Fran., Cal.
- Bergstein Bros., mattresses, 208 Plymouth av, N., Minneapolis, Minn.
- Bergstrom, A. B., machinist, Norfolk, Neb.
- Bergstrom & Bass, machinists, 158 2d av, Brooklyn, N. Y.
- Bergstrom, C. H., carriages, Neenah, Wis.
- Bergstrom, Edwin, architect, Cit. Nat. Bk. Bldg., Los Angeles, Cal.
- Bergstrom Paper Co., Neenah, Wis.
- Bergstrom Stove Co., Neenah, Wis.
- Berhard, Mercer Co., masons' & bldrs.' matls., Burlington, Ia.
- Bering, C. L. & Theo., Jr., wholesale hardware, Houston, Tex.
- Bering-Cortes Hardware Co., Houston, Tex.
- Bering Mfg. Co., sash, door & blind mfrs., Houston, Tex.
- Beringer Hardware Co., Purcell, Okla.
- Berk Bros., bottle openers, 543 B'way, New York.
- Berka, F., masons' & bldrs.' matls., Santa Rosa, Cal.
- Berkefeld Filter Co., 4 Cedar, New York.
- Berkeley Cornice Works, Berkeley, Cal.
- Berkeley Elec. Cooker Co., Berkeley, Cal.
- Berkeley, Fourniss Co., machsts. & fndrs., Madison, Wis.
- Berkeley Iron Works, Berkeley, Cal.
- Berkheimer, J. E., Mfg. Co., asphalt, roofing, Tacoma, Wash.
- Berkley Chemical Co., fertilizer mfrs., Norfolk, Va.
- Berkley Machine Works, Berkley, Va.
- Berkowitz Envelope Co., Kansas City, Mo.
- Berks Engineering Co., 9th & Chestnut, Reading, Pa.
- Berkshire & Becket Silk Co., silk thread, Becket, Mass.
- Berkshire Box & Paper Co., Mellenville, N. Y.
- Berkshire Fertilizer Co., Bridgeport, Conn.
- Berkshire Glass Sand Co., Cheshire, Mass.
- Berkshire Hardware Co., Pittsfield, Mass.
- Berkshire Hills Co., lime, Sheffield, Mass.
- Berkshire Hills Paper Co., Adams, Mass.
- Berkshire Iron Wks., 120 B'way, New York.
- Berkshire Lumber Co., Pittsfield, Mass.
- Berkshire Mfg. Co., foundry molding machines, Cleveland, Ohio.
- Berkshire Mill Supply Co., Pittsfield, Mass.
- Berla, Elias, cornices, 232 Mulberry, Newark, N. J.
- Berlenbach, Francis J., architect, 260 Graham av, B'klyn, N. Y.
- Berlin Aniline Wks., 213 Water, New York.
- Berlin Brick Co., Berlin, Md.
- Berlin Construction Co., 220 B'way, New York, and Berlin, Conn.
- Berlin Fabric Mfg. Co., advtg. nov. & specialties, Berlin, Wis.
- Berlin Fdry. & Mach. Co., Berlin, N. H.
- Berlin & Jones Envelopes Co., 547 W. 27th, New York.
- Berlin Knitting Co., lumbermen's socks, Bangor, Me.
- Berlin Knitting Mills, sweaters, cardigans, etc., 187 Broadway, Brooklyn, N. Y.
- Berlin Mach. Co., 1 Madison av, New York.
- Berlin Mills Co., paper, pulp, lumber & building materials, etc., mfrs., 404 Commercial, Portland, Me., and Berlin, N. H.
- Berlin, Robert C., architect, 19 S. La Salle, Chicago, Ill.
- Berlin Supply Co., fertilizer mfrs., Berlin, Ga.
- Berlinger & Moscovitz, architects, 320 5th av, New York.
- Berlinghof & Davis, architects, S. M. L. Bldg., Lincoln, Neb.
- Berman, Samuel, wholesale hardware, 28 Post, Boston, Mass.
- Berman, Sam'l J., architect, Lennox Bldg., Cleveland, Ohio.
- Bermingham & Seaman Co., paper (all kinds), 208 S. La Salle, Chicago, Ill.
- Bermo Welding Co., 1915 Harney, Omaha, Neb.
- Bernard, A. M., machsts., New Iberia, La.
- Bernard Bros., ties, poles & posts, Land Tile Bldg., Phila., Pa.
- Bernard-Greenwood Co., steam fitters' supplies, 20 Desbrosses, New York.
- Bernard, J. L. S., contractor, Oak Park, Ill.
- Bernard, Phillip, Co., cupolas, Sioux City, Ia.
- Bernard, W. J., soap, Seattle, Wash.
- Bernardin Bottle Cap Co., Evansville, Ind.
- Bernardin, J. M., Lbr. Co., Kansas City, Mo.
- Bernd, G., Co., horse collars, Macon, Ga.
- Berne, H. N., & Co., elec. fix. mfrs., Boston, Mass.
- Berne Lumber Co., Berne, Ind.
- Berne Milling Co., flour, Berne, Ind.
- Berner & Freedman, trunk mfrs., 129 Grand, New York.
- Berner, H. D., & Winterbauer Co., ale pumps, 4th av & 12th, New York.
- Berney-Bond Glass Co., glass bottles, Bradford, Pa.
- Bernhard Mattress Co., 739 Mission, San Francisco, Cal.
- Bernhard, Wilhelm, architect, 64 W. Randolph, Chicago, Ill.
- Bernhardt, Chas. Wm., contractor, Atlanta, Ga.
- Bernhardt, David, Paint Co., Ltd., 321 Camp, New Orleans, La.
- Bernhardt, M. E., cigar holders, 157 Chambers, New York.
- Bernhardt Mfg. Co., machsts., Edwardsville, Ill.
- Bernhardt Niehaus & Co., mchsts. & fndrs., Collinsville, Ill.
- Bernheim Distilling Co., Louisville, Ky.
- Bernheim Dist. Co., 68 Broad, New York.
- Bernhisel Construction Co., 105 W. Monroe, Chicago, Ill.
- Bernice Lumber Co., Bernice, La.
- Bernier, Napoleon M., carriages, 46 Point, Providence, R. I.
- Bernier, Victor, contractor, 953 Baldwin, Waterbury, Conn.
- Bernreuther, Fred, cornices, Edwardsville, Ill.
- Bernritter, Frank H., contractor, 127 N. Dearborn, Chicago, Ill.
- Berns & Schlee mchsts. & fndrs., Lyons, N. Y.
- Bernstein, Harris, arch'l iron, 338 E. 95th, New York.
- Bernstein Mfg. Co., 3rd & Allegheny av, Philadelphia, Pa.
- Bernstein, Michael, architect, 171 Madison av, New York.
- Bernstein Sheet Metal Wks., cornices, Omaha, Neb.
- Bernz, Otto, furnaces & plumbers' tools, 27 Ashland, Newark, N. J.
- Beronie & Palmer, mchsts. & fndrs., Memphis, Tenn.
- Berres, A., architect, 1484 St. Marks av, Brooklyn, N. Y.
- Berrian, Edwd., architect, Hollands, Rockaway Beach, N. Y.
- Berrick's, Chas., Sons Co., contractors, 1151 Main, Buffalo.
- Berridge Shear Co., Sturgis, Mich.
- Berrigan, J. J., filter presses, Orange, N. J.
- Berrigan, Wm. J., contractor, Little Falls, N. Y.
- Berry, A. C. U., contractor, Selling Bldg., Portland, Ore.
- Berry, A. Hall, lamps, 97 Warren, New York.
- Berry, Addison C., & Co., architects, Hammond, Ind.
- Berry & Becket, contractors, Austin, Minn.
- Berry Bros., contractors, 2404 Superior av, N. W., Cleveland, O.



- Berry Bros., bolts & nuts, E. 1st & R. R., Columbus, Ohio.  
 Berry Bros., paint & varnish, Detroit, Mich.  
 Berry Bros., Wight & Leib, wood alcohol & enamels, Detroit, Mich.  
 Berry, Chas. E., machsts., Somerville, Mass.  
 Berry, Chas. H., Supply Co., mill & facty. supplies, Wheeling, W. Va.  
 Berry, Chas. V., contractor, Mansfield, Ohio.  
 Berry Co., masons' & bldrs. matls., Oil City, Pa.  
 Berry & Davidson, architects, 29 Central, Boston, Mass.  
 Berry & Duke, steam fitters' supls., Duke Center, Pa.  
 Berry Engng. Co., machsts., Chester, Pa.  
 Berry & Ferguson, masons' & bldrs. matls., 159 Devonshire, Boston, Mass.  
 Berry Fdry. & Mfg. Co., St. Joseph, Mo.  
 Berry, Frank A., architect, Atlantic City, N. J.  
 Berry, Geo., packing box mfrs., North Tonawanda, N. Y.  
 Berry, Geo. O., brick, Columbus, Ga.  
 Berry-Glosser Co., junction boxes, Marion, Ohio.  
 Berry, H. N., machst. & fdr., Greenville, Miss.  
 Berry Iron & Steel Co., St. Joseph, Mo.  
 Berry, J. C., architect, Amarillo, Tex.  
 Berry, J. H., mchsts. & fndrs., Mansfield, Ohio.  
 Berry, J. M. & L. C., iron, 325 W. Ohio, Chicago, Ill.  
 Berry, Jas. E., brick & fire clay, Woodbridge, N. J.  
 Berry, James & Son, scrap rubber, Brockton, Mass.  
 Berry, Lewis D., machsts., Petrolia, Pa.  
 Berry-McCray Co., canned goods, Huntington, W. Va.  
 Berry, O. P., Co., excelsior & wood wool mfrs., Wolfeboro Falls, N. H.  
 Berry, S. H., Hardware Co., Dover, N. J.  
 Berry, S. R., architect, 445 Breckenridge, Buffalo, N. Y.  
 Berry Stone Co., Ellettsville, Ind.  
 Berry & Tracey, granite producers, Warner & B. & O. R. R., Baltimore, Md.  
 Berry, W. J., & Co., cornices & skylights, Tampa, Fla.  
 Berry, Wm. H., contractor, Sandwich, Ill.  
 Berry-Wood Piano Player Co., Kansas City, Mo.  
 Berryman, C. M., masons' & bldrs. matls., Versailles, Ky.  
 Berryman, John, contractor, Orange, N. J.  
 Berryville Canning Co., Berryville, Ark.  
 Berryville Milling Co., flour mills, Berryville, Ark.  
 Bers, E. & Co., iron, steel & rubber scrap, 330 S. Del. av., Philadelphia, Pa.  
 Bersbach & Herz, cornices, 634 Gratiot av., Detroit, Mich.  
 Berst Mfg. Co., wood skewers, Saginaw, Mich.  
 Bertels, W. B., & Son Co., wash boilers, steel drums, tin, oil & grease cans, etc., Wilkes-Barre, Pa.  
 Bertelsen Adjustable Grille Co., 2117 S. Troy, Chicago, Ill.  
 Bertelsen, John, cornices, Rock Island, Ill.  
 Bertelsen & Petersen Eng. Co., engines, 256 Border, Boston, Mass.  
 Bertha Mineral Co., zinc, Pulaski, Va.  
 Berthe, Albert, fndrs., 763 Patterson av., Jersey City, N. J.  
 Berthlet, H., Sewer Pipe Co., 4th & Montana avs., Milwaukee, Wis.  
 Berthold & Jennings Lbr. Co., Wright Bldg., St. Louis, Mo.  
 Bertholdt, H. C., cornices, Menominee, Mich.  
 Bertie Cotton Oil Co., Aulander, N. C.  
 Bertig Bros., ties, Paragould, Ark.  
 Bertke, H., & Son, contractors, Newport, Ky.  
 Bertler's, S., Sons Co., brick, Manitowoc, Wis.  
 Bertling, Paul C. & Son, Galvanizing & Sheet Metal Wks., cornices, Hancock & 18th, Detroit, Mich.  
 Bertolet & Hunter silica sand, Temple, Pa.  
 Bertolette, Edw. F., architect, 1614 Cherry, Philadelphia, Pa.  
 Bertrand & Chamberlin, architects, N. W. Bk. Bldg., Minneapolis, Minn.  
 Bertsch & Co., machs. & fdrs., Cambridge City, Ind.  
 Berwick Lumber Co., Ltd., Cleo & Freret, New Orleans, La.  
 Berzen, Nat. E., scrap rubber, 232 South, New York.  
 Besarick, J. H., archit't, 124 Norfolk av., Roxbury, Boston, Mass.  
 Besarick, Wm. H., architect, 15 School, Boston, Mass.  
 Be Saw Tire & Rubber Co., Hartville, Ohio.  
 Beseler, Chas. Co., stereopticons, 110 E. 23d, New York.  
 Beseler Oxygen Co., 131 E. 23d, New York.  
 Beseman, E. J., cornices, 731 San Fernando, Los Angeles, Cal.  
 Beshers, Robt. L., canned goods, El Paso, Ill.  
 Beshore, Chas., & Co., cornices, Marion, Ind.  
 Besly, Chas. H., & Co., machst., mill & facty. tools & supplies, disc grinders, taps, etc., 570 W. Randolph, Chicago, Ill.  
 Bessell, Wesley S., architect, 56 W. 45th, New York.  
 Bessemer Coke Co., Oliver Bldg., Pittsburgh, Pa.  
 Bessemer Fire Brick Co., Bessemer, Ala.  
 Bessemer Foundry Co., fndrs., Grove City, Pa.  
 Bessemer Fdry. & Mach. Co., Bessemer, Ala.  
 Bessemer Gas Engine Co., Grove City, Pa.  
 Bessemer Limestone Co., Youngstown, Ohio.  
 Bessemer Motor Truck Co., Grove City, Pa.  
 Bessemer Refining Co., petroleum, Titusville, Pa.  
 Bessemer Soil Pipe Co., Bessemer, Ala.  
 Besser Mfg. Co., machy., Alpena, Mich.  
 Bessie Furnace Co., Oliver Bldg., Pittsburgh, Pa.  
 Bessinger & Co., turpentine, Laughman Fla.  
 Best Brothers Keen's Cement Co., Medicine Lodge, Kans.  
 Best Builders' Supply Co., Marion Bldg., Cleveland, Ohio.  
 Best, C. L., Gas Traction Co., Oakland, Cal.  
 Best-Clymer Mfg. Co., canned goods, St. Louis, Mo.  
 Best Co., power plant piping, steam fitters' supps., 33rd & R. R., Pittsburgh, Pa.  
 Best, E., Plumbing, Htg. & Supply Co., Quincy, Ill.  
 Best, Edw. H., & Co., felt blankets, 222 Purchase, Boston, Mass.  
 Best Elec. Co., Vanadium Bldg., Pittsburgh, Pa.  
 Best Foundry Co., Bedford, Ohio.  
 Best, H. D., Co., contractors, 52 Vanderbilt av., New York.  
 Best, J. A., & Co., cornices & skylights, Allentown, Pa.  
 Best, John H., & Sons, display racks, Galva, Ill.  
 Best, John V., contractor, Johnstown, Pa.  
 Best, Jos. B., contractor, Woodbury, N. J.  
 Best, L. Co., emery wheel mfrs., 75 Barclay, New York.  
 Best Light Co., machst. & fdrs., Canton, Ohio.  
 Best Mfg. Co., advtg. nov. & spec., New Haven, Conn.  
 Best Mfg. Co., bank fixtures, Peoria, Ill.  
 Best Mfg. Co., castings, A & 1st, Pittsburgh, Pa.  
 Best Mfg. Co., fly killers, Charlotte, Mich.  
 Best Mfg. Co., plumbers' supplies, jobbers, 4610 St. Clair, Cleveland, Ohio.  
 Best Mfg. Co., sash, door & blind mfrs., Peoria, Ill.  
 Best Register Co., registers & grilles, 15th & Oklahoma Av., Milwaukee, Wis.  
 Best, Richard, lead pencils, 54 Lafayette, New York.  
 Best Stove Co., gas stoves and ranges, 39 Atwater av., Detroit, Mich.  
 Best Street Light Co., Canton, Ohio.  
 Best, W. N., metal furnaces mfrs., 11 B'way, New York.  
 Beta Fertilizer Co., New York.  
 Betaw Tire & Rubber Co., Hartville, Ohio.  
 Betcher, Chas., Lbr. Co., Red Wing, Minn.  
 Bethania Stock Co., flour, Bethania, N. C.  
 Bethany Canning Co., Bethany, Mo.  
 Bethel, Geo. D., sash, door & blind mfrs., Antwerp, N. Y.  
 Bethlehem Foundry & Machine Co., 127 Front, S. Bethlehem, Pa.  
 Bethlehem Lime & Stone Co., Bethlehem, Pa.  
 Bethlehem Paint Co., Bethlehem, Pa.  
 Bethlehem Roofing & Metal Wks., Bethlehem, Pa.  
 Bethlehem Steel Co., iron & steel mfrs., S. Bethlehem, Pa.  
 Bethume & Fuchs, architects, 215 Franklin, Buffalo, N. Y.  
 Betkouskie, Martin F., plastic orna., Los Angeles, Cal.  
 Betson Plastic Fire Brick Co., Rome, N. Y.  
 Bettcher, Geo. L., architect, Empire Bldg., Denver, Colo.  
 Bettcher Mfg. Co., stampings, etc., 6120 Clark av., Cleveland, O.  
 Bettendorf Co., cars, Bettendorf, Ia.  
 Bettendorf Oxygen-Hydrogen Co., Bettendorf, Ia.  
 Bettendorf Stone Co., Bettendorf, Ia.  
 Bettendorf Trailer Co., trucks, Bettendorf, Ia.  
 Better, Jos., stone producer, New Philadelphia, Ohio.  
 Better Way Products Co., cereal foods, San Diego, Cal.  
 Betterman, Reinhold, boiler flue plugs, Johnstown, Pa.  
 Bettes & Ebsen, automobile & mill & factory supplies, 150 Chambers, New York.  
 Bettes, H. S., Hardware Co., Paris, Tex.  
 Bettis, H., Co., cooperage stock, Wheeling, W. Va.  
 Bettler, C. L. & Son, boxes—rural mail, Wapello, Ia.  
 Betton, Chas. L., architect, 31 Exchange, Lynn, Mass.  
 Betton J. M., sand blast machs. etc., 26 Park pl, New York.  
 Betts & Betts Corp., elec. clocks, signs, motors, etc., 513 W. 42nd, New York.  
 Betts, Chas. M., & Co., Lbr., Hertel av & Niagara River, Buffalo, N. Y., & Bailey Bldg., Philadelphia, Pa.  
 Betts Machine Co., boring machines, car lathes, etc., Maryland av & South, Wilmington, Del.  
 Betts Spring Co., 888 Folsom, San Francisco, Cal.  
 Betts, W. L., machsts., Petroleum Center, Pa.  
 Betz, Frank S., Co., machsts., Hammond, Ind.  
 Betz, Gerard W., architect, Kingston, N. Y.  
 Betz, Jacob, stone producers, Lancaster, Pa.  
 Betz, Robt. E., contractor, Sioux City, Ia.  
 Betzler & Wilson Fountain Pen Co., Akron, Ohio.  
 Beuchner & Orth, architects, Shubert Bldg., St. Paul, Minn.  
 Beuder, L. A., & Co., masons' & bldrs. matls., Mowrytown, O.  
 Beuerlein, F. X., mchsts. & fdrs., Lawrenceburg, Tenn.  
 Beutel, H. M., architect, First Nat'l Bk. Bldg., El Paso, Tex.  
 Beutel Pickling & Canning Co., Bay City, Mich.  
 Beuthin, Chas. F. W., mchsts. & fdrs., Prairie Du Chien, Wis.  
 Beuttell Hy., & Sons, linoleum mfrs., 114 5th av., New York.  
 Beuttler & Arnold, architects, Security Bk. Bldg., Sioux City, Ia.  
 Beuttler, John F., architect, Phelan Bldg., San Francisco, Cal.  
 Beveridge Paper Co., Indianapolis, Ind.  
 Beveridge, S. T. & Co., fertilizer mfrs., Richmond, Va.  
 Beveridge & Taylor, wagon spokes, Bristol, Tenn.  
 Beveridge, W. H., Jr., contractor, Richmond, Va.  
 Beverley, R. C., Heating Co., heating contractors, 9 N. 7th, Richmond, Va.  
 Beverly Mfg. Co., pennant mfrs., Staunton, Va.  
 Beverly Textile Mills, Beverly, N. J.  
 Beverly, U. E., lumber, Thomasville, Ga.  
 Beverstock, O. D., Co., plant sticks, rims—sieve & riddle, Keene, N. H.  
 Bevin Bros. Mfg. Co., mchsts. & fdrs., East Hampton, Conn.  
 Bevins, Chas. L., architect, Jamestown, R. I.  
 Bevis Rock Salt Co., Wright Bldg., St. Louis, Mo.  
 Bewley, Geo. P., lbr., Berwyn, Md.  
 Bewley Mills, flour, Ft. Worth, Tex.  
 Beyer, F. D., & Co., masons' & bldrs. matls., Tyrone, Pa.  
 Beyer, Hy., carriages, Leavenworth, Kansas.  
 Beyer, Max J., architect, 79 River, Hoboken, N. J.



- Beyerle, J. J., Mfg. Co., dress shields, 81 S. 5th, B'klyn, N. Y.  
 Beyerlein, John N., carriages, 5336 South Park av, Chicago, Ill.  
 Beyrer, W. H., architect, Lyceum Bldg., Duluth, Minn.  
 Beyster Bros., contractors, 1964 Fort W., Detroit, Mich.  
 Beyster Jno., lumber, 875 Fort, W. Detroit, Mich.  
 B. & H. Fibre Mfg. Co., talking mach. needles, 35 W. Kinzie, Chicago, Ill.  
 Bialck, Wm., machsts., Terre Haute, Ind.  
 Bianchi, Chas., & Sons, granite, Barre, Vt.  
 Bianchi, G. R., Granite Co., Montpelier, Vt.  
 Bibb, B. C., Stove Co., 109 Light, Baltimore, Md.  
 Bibb Brick Co., Macon, Ga.  
 Bibb Mfg. Co., filter bags, Macon, Ga.  
 Bibb Sewer Pipe Co., Macon, Ga.  
 Biberstein, R. C., architect, Charlotte, N. C.  
 Bicalky Fan Co., Buffalo, N. Y.  
 Bick, J. N., concrete steel construction, Toledo, Ohio.  
 Bick, Jacob N., contractor, The Nasby, Toledo, O.  
 Bickel, Chas., architect, May Bldg., Pittsburgh, Pa.  
 Bickel Hy., Co., contrs., Louisville, Ky.  
 Bickel, T. W., mach. & fdr., Alva, Okla.  
 Bickelhaupt, Geo., green house bldrs., 722 11th av, New York.  
 Bickstaff Brick Co., Brickyard, Ala.  
 Bickett Machine & Mfg. Co., bench milling machines, 1112 Richmond, Cincinnati, Ohio.  
 Bickford Bros. Co., hammock mfrs., Rochester, N. Y.  
 Bickford Fire Brick Co., Curwensville, Pa.  
 Bickford & Francis Belting Co., 34 Pearl, Buffalo, N. Y.  
 Bickford, H., & Co., boring & turning mills mfrs., Lakeport, N. H.  
 Bickford, H. M., Co., lumber, 70 Kilby, Boston, Mass.  
 Bickford Machine Co., milling machine & automatic fluting machine mfrs., Greenfield, Mass.  
 Bickhardt, Andrew, cornices, 3540 Bronx blvd, New York.  
 Bickhaus File Co., Quincy, Ill.  
 Bicking Paper Co., presses, 111 N. 2nd, Philadelphia, Pa.  
 Bicking, S. Austin, Paper Mfg. Co., box bd mfrs. & indented paper, East Downingtown, Pa.  
 Bickley, Geo. Howard, architect, 1529 Walnut, Philadelphia, Pa.  
 Bickmore Gall Cure Co., Old Town, Me.  
 Bicknell, Geo. H., Co., boot & shoe counters, Weymouth, Mass.  
 Bicknell Mfg. & Supply Co., wholesale hardware & mill & facty. supps., Janesville, Wis.  
 Bicknell-Thomas Co., top chucks, topping attachments, friction clutches, gauges, etc., mfrs., Greenfield, Mass.  
 Bickta, Chas. F., hair plastering, 2d & Greenhill av, Wilmington, Del.  
 Bicycle Step Ladder Co., 6 W. Randolph, Chicago, Ill.  
 Biddison Mfg. Co., lubricators, Madison, Wis.  
 Biddle-Gaumer Co., fndrs., 3846 Lancaster av, Philadelphia, Pa.  
 Biddle, Jas. G., instruments (electrical testing, etc.), 1211 Arch, Philadelphia, Pa.  
 Biddle Motor Car Co., Germantown, Sedgley & Allegheny avs, Philadelphia, Pa.  
 Biddle Piano Co., 107 E. 128th, New York.  
 Biddle Purchasing Co., wholesale hardware, 105 Chambers, New York, & 208 S. La Salle, Chicago.  
 Biddle & Smart Co., automobile bodies, Amesbury, Mass.  
 Bidle, W. S., Co., steel hardening, 1411 E. 45th, Cleveland, O.  
 Bidwell, C. V., mchsts. & fndrs., Sharon, Pa.  
 Bidwell, F. S., & Co., masons' & bldrs. matls., Windsor Locks, Conn.  
 Bidwell, J. C., & Co., mill & facty. supplies, Hartford, Conn.  
 Bieber, Wm. S., flour mills, Clarkstown, Pa.  
 Biecker, Jos. H., contractor, First Nat. Bk. Bldg., Cincinnati, O.  
 Biefield, O., & Co., mchsts. & fdrs., Watertown, Wis.  
 Bieg, Fred, Box Co., 40 Gold, New York.  
 Bieg, Hy., sinks & trays, 50 Wallabout, Brooklyn, N. Y.  
 Biegert, J. C., Machine Wks., shingle saw collars, Seattle, Wash.  
 Biegler, Louis, Co., cornices, 167 N. Curtis, Chicago, Ill.  
 Biehl, Edward, common brick, Pana, Ill.  
 Biehl Iron Wks. Corp., concrete mixers, Reading, Pa.  
 Biehl's Carriage & Wagon Wks., Reading, Pa.  
 Bieker Bros. Co., masons' & bldrs' matls., Hammond, Ind.  
 Biele, Carl F., architect, 381 W. 12th, New York.  
 Bielenberg, A., Co., color mfrs., 69 Front, New York.  
 Biele, Boris, scrap rubber, 59 Pearl, New York.  
 Bielhen Fdry. & Mach. Wks., St. Joseph, Mo.  
 Bien & Peters, masons' & bldrs' matls., Belleville, Ill.  
 Bienfield, Dan. L., & Co., contractors, Phelan Bldg., San Francisco, Cal.  
 Bienville Lumber Co. (Ltd.), Alberta, La.  
 Bier, Chas. W., architect, 219 6th, Pittsburgh, Pa.  
 Bierbaum-Dollar, heating & venting engs., Buffalo, N. Y.  
 Bierdeman, Richard C., Co., benders, 4621 N. Clark, Chicago, Ill.  
 Bierly, Jacob, canned goods, Springwood, Va.  
 Bierman-Everett Fdry. Co., junction boxes, Irvington, N. J.  
 Bierman, F., & Son, scrap rubber, St. Louis, Mo.  
 Bierman, John A., meat packers, Wilmington, Del.  
 Biersach & Niedermeyer Co., cornices, sheet metal doors, etc., 220 5th, Milwaukee, Wis.  
 Biertuempfel Bros. Cork Co., 57 Av L, Newark, N. J.  
 Biescar Bros., bank & office railings, Los Angeles, Cal.  
 Biesenger, Geo. L., contractor, 865 Downingtown av, Salt Lake City, Utah.  
 Biever, A. W., Plumbing & Htg. Co., Aurora, Ill.  
 Big Bay Lumber Co., 327 S. La Salle, Chicago, Ill.  
 Big Bend Milling Co., flour, Davenport, Wash.  
 Big Creek Shingle Co., lumber mfrs., Tacoma, Wash.  
 Big Creek Timber Co., lumber, Aberdeen, Wash.  
 Big Diamond Mills Co., feed, 922 Flour Exch., Minneapolis, Minn.  
 Big Falls Paper Co., Reck City Falls, N. Y.  
 Big Four Canning Co., Stanley, Wis.  
 Big Four Clay Co., Canton and Malvern, Ohio.  
 Big Four Crushed Stone Co., Ingalls, Ind., and Van Wert, Ohio.  
 Big Four Mfg. Co., track jacks, etc., Bloomfield, Ind.  
 Big Four Stone Co., New Point, Ind.  
 Big Pine Lumber Co., Ltd., Colfax, La.  
 Big Rock Stone & Construction Co., Little Rock, Ark.  
 Big Run Mfg. Co., cooperage, Allentown, Pa.  
 Big Sandy Hardware Co., Paintsville, Ky.  
 Big Sandy Milling Co., flour, Louisa, Ky.  
 Big Savage Fire Brick Co., Frostburg, Md.  
 Big Spring Dist. Co., Louisville, Ky.  
 Big Tree Lbr. Co., Houston, Tex.  
 Bigelow Bros., lumber, Bowling Green, Ohio.  
 Bigelow Bros. & Walker Co., lumber mfrs., 5 N. La Salle, Chicago, Ill.  
 Bigelow, Cheney, Wire Wks., Springfield, Mass.  
 Bigelow Co., boilers, machsts., etc., New Haven, Conn.  
 Bigelow Co., toasters, 321 St. John's, Chicago, Ill.  
 Bigelow & Donovan, masons' & bldrs' matls., New Hampton, Ia.  
 Bigelow & Dowse Co., whol. hdwe. & mill & facty. supplies, 229 Franklin, Boston, Mass.  
 Bigelow, F. A., & Son, masons' & bldrs' matls., Peninsula, Ohio.  
 Bigelow, Frederick, architect, 1 Clinton, Jersey City, N. J.  
 Bigelow & Harriman, contractors, 127 Federal, Boston, Mass.  
 Bigelow, Kennard & Co., elec. & gas light fix. mfrs., 511 Washington, Boston, Mass.  
 Bigelow Varnish Co., 87 Oliver, Newark, N. J.  
 Bigelow, W. C., paper & pulp mill architect, Biddeford, Me.  
 Bigelow & Dadsworth, architects, 3 Hamilton pl, Boston, Mass.  
 Bigger, Leonard, canned goods, Kenton, Del.  
 Biggar, C. H., architect, Bakersfield, Cal.  
 Biggar, J. W., architect, West Tampa, Fla.  
 Biggers, T. J., architect, 2520 Blakemore av, Nashville, Tenn.  
 Biggers, W. R., architect, Tampa, Fla.  
 Biggin, Chas. P., Co., founders, 1829 Harlin, Philadelphia, Pa.  
 Biggins Thos., contractor, Waynesburg, Pa.  
 Biggs, A., Sash & Door Co., 4036 N. California av, Chicago, Ill.  
 Biggs, B. F., Co., masons' & bldrs' matls., Pomeroy, Ohio.  
 Biggs, B. F., Pump Co., Lafayette, Ind.  
 Biggs Boiler Works Co., boilers, tanks, vulcanizers, Case av & Williams, Akron, Ohio. *See adv index at end of book.*  
 Biggs, D. M., & Co., contractors, 60 Marsh, Boston, Mass.  
 Biggs, E. W., & Co., tallow, Kansas City, Mo.  
 Biggs Heating Co., heating contractors, 917 H, N. W., Washington, D. C.  
 Biggs & Son, contractors, Springfield, Ill.  
 Biggs, Wm., contractor, Ann Arbor, Mich.  
 Bigler, S. L.-(Est. of), common brick, Harrisburg, Pa.  
 Biglow, E., Co., brick & tile, New London, Conn.  
 Bignall Co., machsts. & fndrs., Medina, N. Y.  
 Bignall & Keeler Machine Works, dies, grinders, pipe & tube mill machy., Edwardsville, Ill.  
 Bigney, E. H., contractor, 17 Custom House, Providence, R. I.  
 Bigney, Marion E., wood handles, Moores Hill, Ind.  
 Bigsby-Rotary Mfg. Co., vacuum cleaners, spark plugs, screws, etc., Cleveland, Ohio.  
 Bihn & Wolff Co., lamp black mfrs., Ash & Almond, Phila., Pa.  
 Bikel, Henry F., architect, 3301 Gough, Baltimore, Md.  
 Bi-Lateral Fire Hose Co., 326 W. Madison, Chicago, Ill.  
 Bilek, Stephen, Co., embossed mouldings, 2117 S. Troy, Chicago, Ill.  
 Biles, N. D., & Co., masons' & bldrs' matls., St. Joseph, Mo.  
 Bilger, Nicholas, Webbing Co., 315 Vine, Philadelphia, Pa.  
 Bilgram Machine Wks., gears and gear cutting machinery, 1231 Spring Garden, Philadelphia, Pa.  
 Bilhorn Bros., organs, 133 W. Lake, Chicago, Ill.  
 Bill, Bell & Co., flour mills, Ogdensburg, N. Y.  
 Bill, E. S., machinery dealer, Filtzgerald, Ga.  
 Bill, H. S., architects, Goyd Bldg., Kansas City, Mo.  
 Bille, Hans, & Co., sash, door & blind, Marshfield, Wis.  
 Biller, John, contractor, 460 Montgomery, San Francisco, Cal.  
 Biller, Sam, cornices, 81 1st, New York.  
 Billingham Brass & Mach. Co., Trenton, N. J.  
 Billings-Brown Co., belt dressing, Cleveland, Ohio.  
 Billings Canning Co., Billings, Mo.  
 Billings-Chapin Co., paint mfrs., 1163 E. 40th, Cleveland, Ohio.  
 Billings, D. L., & Co., pipe hangers, 762 Dudley, Boston, Mass.  
 Billings Fdry. & Mfg. Co., Billings, Mont.  
 Billings Hardware Co., Billings, Mont.  
 Billings, Jas. E. (Est. of), trowels, Irvington, N. J.  
 Billings Lbr. & Coal Co., sashes, doors, etc., Billings, Mont.  
 Billings, Paul, & Sons, masons' & bldrs. matls., & mill & facty. supplies, Tunkhannock, Pa.  
 Billings Poly Inst., engng. schools & coll., Billings, Mont.  
 Billings Sidewalk & Coal Co., Hartford, Conn.  
 Billings & Spencer Co., hdwe. mfrs.; machsts. tools; drop forging, etc., Hartford, Conn.  
 Billingsley, R., contractor, Kasota Bldg., Minneapolis, Minn.  
 Billington, Jas. H., Co., mill & facty. supplies, 113 Chestnut, Philadelphia, Pa.  
 Billis, O. J., architect, Hitchcock Bldg., Nashville, Tenn.



- Billmeyer, A. F., architect, Grand Rapids, Wis.  
 Billmeyer & Small Co., lumber & sash, door & blinds, York, Pa.  
 Billow-Firestone Co., spring beds, Columbus, Ohio.  
 Billquist, T. E., architect, Vandergrift Bldg., Pittsburgh, Pa.  
 Bills, C. H., architect, Nicholas Bldg., Toledo, Ohio.  
 Billstrom, Nels J., machinist, Rockford, Ill.  
 Billups, C., Son & Co., agricultural implements, Norfolk, Va.  
 Biloxi Canning Co., Biloxi, Miss.  
 Biltmore Roller Mills, Biltmore, N. C.  
 Biltmore Wheat Hearts Co., Ashville, N. C.  
 Bilton Machine Tool Co. (The), gear millers & milling machines, plain, mfrs., 990 Housatonic av., Bridgeport, Conn.  
 Bilt-Well Sign System Elec. Co., 115 E. 15th, New York.  
 Bimel-Ashcroft Mfg. Co., wagon spokes, Poplar Bluff, Mo.  
 Bimel Auto. Co., Sidney, Ohio.  
 Bimel Spoke & Auto. Wheel Co., Portland, Ind.  
 Binder Bros., common brick, Emaus, Pa.  
 Binder Elevator & Electric Co., Birmingham, Ala.  
 Binder, John F., kitchen boilers, 6 W. Lake, Chicago, Ill.  
 Binder, Wm., architect, Rea Bldg., San Jose, Cal.  
 Bindley Hdwe. & Mfg. Co., tin plate, metals, etc., Pittsb'gh, Pa.  
 Binford, Jos., & Sons, masons' & bldrs.' matls., Crawfordsville, Ind.  
 Bing Bros., mechl. toys, games, etc., 381 4th av., New York.  
 Bing, John, churns, alcohol stoves, 381 4th av., New York.  
 Bingen Brick Co. (Ltd.), South Bethlehem, Pa.  
 Bingham Bros., masons' & bldrs.' matls., New Ulm, Minn.  
 Bingham Hdwe. Co., Superior, Wis.  
 Bingham Harness Co., Rome, N. Y.  
 Bingham, J. B., packing box mfr., Bennington, Vt.  
 Bingham, J. F., Mfg. Co., tinware, Lawrence, Mass.  
 Bingham Last Block Co., Bingham, Me.  
 Bingham Mills, flour, Talladega, Ala.  
 Bingham-Shelley Co., contractors, Platt Bldg., Portland, Ore.  
 Bingham & Taylor, founders, Ellicott sq., Buffalo, N. Y.  
 Bingham Trunk Co., 39 Mechanic, Buffalo, N. Y.  
 Bingham, W., Co., whol. hdwe. & mill & facty. supplies, 1298 W. 9th, Cleveland, Ohio.  
 Binghamton Boiler Compound Co., Binghamton, N. Y.  
 Binghamton Glass Co., Binghamton, N. Y.  
 Binghamton Hdwe. Spec. Co., Binghamton, N. Y.  
 Binghamton Mach. Wks., centering machs., Binghamton, N. Y.  
 Binghamton Metal & Paper Co., scrap rubber, Binghamton, N. Y.  
 Binghamton Oil Co., 135 William, New York.  
 Binghamton Oil Refg. Co., lubrg., Binghamton, N. Y.  
 Binghamton Paving Block Co., brick, Binghamton, N. Y.  
 Bings Weedless Fish Hook Co., 84 Loan & Trust, Milwaukee, Wis.  
 Binkley Buggy Co., carriages, Tipton, Ind.  
 Binner, Theo., archl. decorators, 423 14th, San Francisco, Cal.  
 Binney, Arthur, naval architects, 70 Kilby, Boston, Mass.  
 Binney-Godfrey Co., fndrs., Kent av., Brooklyn, N. Y.  
 Binney Machine Wks., Big Rapids, Mich.  
 Binney & Smith Co., clays, minerals, etc., 81 Fulton, New York.  
 Binns, Hy., fndrs., Passaic, N. J.  
 Binns Patent Band Co., tinsel cords, tex. machy (spindle hook bands), 1842 Gtn. av., Philadelphia, Pa.  
 Binns, Wm. H., machinist, 416 Harrison, San Francisco, Cal.  
 Binswanger, B., & Co., paint mfrs., 827 N. 3rd, Philadelphia, Pa.  
 Binswanger & Co., glass, Richmond, Va.  
 Biograph Co., moving picture films, 807 E. 175th, New York.  
 Bippus, Jacob, & Son, contrs., Evansville, Ind.  
 Bippus Tile Co., Bippus, Ind.  
 Birch & Bassett, masons' & bldrs. matls., Dover, N. J.  
 Birch & Birch, machs. & fdrs., Crawfordsville, Ind.  
 Birch Bros., mill & facty. supplies, tex. mchy., Somerville, Mass.  
 Birch, Jas. H., ambulances, carriages, Burlington, N. J.  
 Birch Mfg. Co., coal chutes & garbage receivers, 1276 Clybourn av., Chicago, Ill.  
 Birch, S., & Sons Constr. Co., concrete posts, Fargo, N. D.  
 Birchard, G. H., contractor, Lincoln, Neb.  
 Bircher, Geo., fndrs., 716 Cherry, Philadelphia, Pa.  
 Bird, A. J., lime Rockland, Me.  
 Bird-Archer Co., boiler compounds, paint remover, 90 West, New York.  
 Bird, Christopher, contractor, 95 Greenwood pl., Buffalo, N. Y.  
 Bird, J. A. & W., & Co., chemical importers & mfrs. agts., 88 Pearl, Boston, Mass.  
 Bird Japanning Co., tinning & japanning, Boston, Mass.  
 Bird, Jones & Kenyon, sporting goods mfrs., Utica, N. Y.  
 Bird, Louis Francis, architect, South Orange, N. J.  
 Bird Machine Co., rotary screens for paper mills, E. Walpole, Mass.  
 Bird, Milton W., architect, Wenatchee, Wash.  
 Bird & Son, building & roofing papers, floor coverings, fibre cases, and special paper products mfrs., E. Walpole, Mass.  
 Bird, Thos. J., arch'l engrs., 30 E. 42d, New York.  
 Bird Varnish Co., glue mfrs., 302 Main, Cincinnati, Ohio.  
 Bird, W. M., & Co., mill & facty. supplies, Charleston, S. C.  
 Bird-Wilcox Co., welding & cutting apparatus, Atlanta, Ga.  
 Bird, Wm. E., galvanizing wks., 17 Border, Boston, Mass.  
 Birdsall Bros. Co., blankets, flannels, woolen, Honesdale, Pa.  
 Birdsall Engine Co., Auburn, N. Y.  
 Birdsall-Griffith Constr. Co., Racine, Wis.  
 Birdsall, W. A., & Co., fndrs., 44 Mechanic, Newark, N. J.  
 Birdsboro Iron & Steel Breaking Co. (Ltd.), scrap iron, Birdsboro, Pa.  
 Birdsboro Steel Fndry. & Mach. Co., Birdsboro, Pa.  
 Birdsboro Stone Co., Bulletin Bldg., Phila. & Birdsboro, Pa.  
 Birdsell Mfg. Co., mfrs. agricultural implements, So. Bend, Ind.  
 Birdsong, Mason, mchsts., Bolton, Miss.  
 Birge, Charles E., architect, 29 W. 34th, New York.  
 Birge, M. H., & Sons Co., wall paper mfrs., Buffalo, N. Y.  
 Birk, Jno., Co., surgical instruments, 310 S. 3d, Louisville, Ky.  
 Birkelbach, Frank U., contractor, Richmond Bldg., Phila. Pa.  
 Birkenstein, S., & Sons, brass ingots, etc., 377 W. Ontario, Chicago, Ill.  
 Birkett, A. S., mchsts. & fdrs., Clayton, Ill.  
 Birkett Mills, flour, Penn Yann, N. Y.  
 Birkle, John A., lumber, Williamsport, Pa.  
 Birkmeyer, Mescher & Co., brick & tile, Cold Water, Ohio.  
 Birkmire, Wm. H., architect, 1133 B'way, New York.  
 Birley, Geo. H., contractor, Hackensack, N. J.  
 Birmingham Bed Co., Birmingham, Ala.  
 Birmingham Buggy Co., Birmingham, Ala.  
 Birmingham Bldg. & Imp. Co., American Trust ldg., Birmingham, Ala.  
 Birmingham Carriage & Wagon Co., Birmingham, Ala.  
 Birmingham Fertilizer Co., Birmingham, Ala.  
 Birmingham Fdry. Co., Birmingham, Ala.  
 Birmingham Hide & Tallow Co., Birmingham, Ala.  
 Birmingham Iron Foundry, rubber & rolling mill mchy., etc., Derby, Conn.  
 Birmingham, J. Edw., architect, Warburton Bldg., Yonkers, N. Y.  
 Birmingham Mach. & Fdry. Co., Corliss engines, castings, forgings, etc., Birmingham, Ala.  
 Birmingham Metal Products Co., Birmingham, Ala.  
 Birmingham Packing Co., Birmingham, Ala.  
 Birmingham Paint & Glass Co., Birmingham, Ala.  
 Birmingham Rail & Locomotive Co., Birmingham, Ala.  
 Birmingham Saw Works, Birmingham, Ala.  
 Birmingham Slag Co., Jeff. Co. Bk. Bldg., Birmingham, Ala.  
 Birmingham Stove & Range Co., Birmingham, Ala.  
 Birmingham Supply Co., masons' & bldrs. matls., S. 17th, Ptg., Pa.  
 Birmingham Trunk Factory, Birmingham, Ala.  
 Birmingham Iron Fndry., Derby Conn.  
 Birnbaum Bros. & Sack, scrap tin, rubber & brass, 133 Roosevelt, New York.  
 Birnbaum, Wm., smoking pipes, 67 Nassau, New York.  
 Birnie & Diack, granite, S. Quincy, Quincy, Mass.  
 Birnie Paper Co., envelopes, Springfield, Mass.  
 Birt Bros., lumber, Burkettsville, Ohio.  
 Birtman, C. F., elec. hair dryers, 163 N. Wash. av., Chicago, Ill.  
 Birtman Elec. Co., 1422 Bryan, Chicago, Ill.  
 Birtwell, H. B., mchy. dlrs., Chester, Pa.  
 Bisbee, Henry V., architect, Fairhaven, Mass.  
 Bisch, Geo. F., mchsts., Springfield, Ill.  
 Bischoff, C., & Co., chemical, color, & gelatine impters. & mfrs., 451 Washington, New York.  
 Biscoe, M. B., architect, Exchange Bldg., Denver, Colo.  
 Bisco, M. B., architect, Hagerman Bldg., Colorado Springs, Colo.  
 Bisenius, G. L., Trunk Co., 360 Jackson, St. Paul, Minn.  
 Biser, G. W., canned goods, Berkeley Springs, W. Va.  
 Bishof, Wm., Sr., masons' & bldrs. matls., Nebraska City, Neb.  
 Bishop, A. T., floor plates, Southington, Conn.  
 Bishop-Babcock-Becker Co., bottlers' machinery, vacuum pumps, etc., 49th & Hamilton av., Cleveland, Ohio.  
 Bishop Bros., contractors, Northampton, Mass.  
 Bishop Bros. Quarry Co., Quincy, Mass.  
 Bishop Calculating Recorder Co., 233 B'way, New York.  
 Bishop, Chas., granite, S. Quincy, Quincy, Mass.  
 Bishop & Co., canned goods, Los Angeles, Cal.  
 Bishop, Dexter L., Co., lumber, Meriden, Conn.  
 Bishop & Dickinson, rattan furniture, Baldwinville, Mass.  
 Bishop, E. K., Mill Co., lumber, Montesano, Wash.  
 Bishop, Geo. H., laundry mchy., 550 W. Washington, Chicago, Ill.  
 Bishop, George H., & Co., saws, Lawrenceburg, Ind.  
 Bishop Gutta-Percha Co., 420 W. 25th, New York.  
 Bishop, H. A., contractor, Commercial Natl. Bank Bldg., Chicago, Ill.  
 Bishop & Hagermann Co., buttons, Muscatine, Ia.  
 Bishop Hardware Co., Dowagiac, Mich.  
 Bishop, J. B., granite producers, Milford, N. H.  
 Bishop, J., & Co., electrodes, incinerators, platinum, etc., Malvern, Pa.  
 Bishop, J. H., Co., carriage robes, Wyandotte, Mich.  
 Bishop, J. W., Co., general building contractors, 101 Park av., New York. 683 Atlantic av. & 109 Foster, Boston, Mass.  
 Bishop, John H., contractors, 171 John, Bridgeport, Conn.  
 Bishop, Jos., granite, S. Quincy, Quincy, Mass.  
 Bishop Ladder Co., Hartford, Conn.  
 Bishop Leonard H., architect, Westhampton, N. Y.  
 Bishop & Lynes, masons' materials, Norwalk, Conn.  
 Bishop, R. & B., granite, Quincy, Mass.  
 Bishop, Robert, Mfg. Co., carpet linings, cotton & machine wipers, 157 W. 6th, Boston, Mass.  
 Bishop, Thos. R., architect, 35 S. Dearborn, Chicago, Ill.  
 Bishop, W. S., elec. plating dynamos, New Haven, Conn.  
 Bishopric Mfg. Co., wall board & roofing, 1415 Este av., Winton pl., Cincinnati, Ohio.  
 Bishopric Products Co., brewers' pitch, Winton Place, Cincinnati, Ohio.  
 Bishopry Hominy Co., Sheldon, Ill.  
 Bishops, Wm., Sons, pumps, ship vents, etc., 18 James, New York.  
 Bismarck Mill Co., lumber mfrs., Tacoma, Wash.



- Bismarck Pkg. Co., meat packers, 41st & Union av, Chicago, Ill.  
 Bison Mfg. Co., cutlery mfrs., Little Valley, N. Y.  
 Bison Storage Battery Co., 38 Riley, Buffalo, N. Y.  
 Bissell Carpet Sweeper Co., carpet sweepers, 210 Erie, N. W., Grand Rapids, Mich.  
 Bissell, E. W., lbr., Rutland, Vt.  
 Bissell, Edw. J., potato scoops, Milford, Mich.  
 Bissell & Erter, tile & brick, Cecil, O.  
 Bissell, F., Co., armatures, electrical supp., 230 Huron, Toledo, O.  
 Bissell, Frank H., architect, 567 5th av, New York.  
 Bissel, L. B., architect, North Yakima, Wash.  
 Bissell & Sinkler, architects, Otis Bldg., Philadelphia, Pa.  
 Bisset Brick Co., South River, N. J.  
 Bisson & Jodoin, cornices & skylights, 124 Franklin, Manchester, N. H.  
 Bisson, P., & Son, stone producers, Athens, Ga.  
 Biswanger, C., Theo., architect, 411 Walnut, Philadelphia, Pa.  
 Bitu-Mortar Waterproofing Co., 340 W. 27th, New York.  
 Bittel, Wm., mill & facty. supplies, Peoria, Ill.  
 Bittenbender Co., whol. hdwe., mill & facty. supplies, contrs. & machsts.' tools, Scranton, Pa.  
 Bittenbender, Geo. H., & Son, machsts., Plymouth, Pa.  
 Bittenbender, W. W., & Co., machsts., Nanticoke, Pa.  
 Bitter, Jos., cornices, Sandusky, Ohio.  
 Bitterman, E., cornices & skylights, Lexington, Ky.  
 Bittinger, E. M., lime, Bittiger, Pa.  
 Bitting, Edward R., architect, South Bethlehem, Pa.  
 Bittles, Raser, handles, Greencastle, Ind.  
 Bittner, G. C., Co., almond meal, Toledo, Ohio.  
 Bittner, Louis, Lumber Co., Bellevue, Iowa.  
 Bittner Slate Co., roofing slate mfrs., Allentown, Pa.  
 Bitzer, Chas., & Son, sweaters, cardigans, etc., 2513 E. Fletcher, Philadelphia, Pa.  
 Biwabik Mining Co., iron ores, Youngstown, Ohio.  
 Bix Janitor Supply Co., 119 Pine, St. Louis, Mo.  
 Bixby, B. B., architect, 641 Crocker, Los Angeles, Cal.  
 Bixby, Curtis W., architect, 8 Beacon, Boston, Mass.  
 Bixby, E. M., & Son, masons' & bldrs.' matls., Poultney, Vt.  
 Bixby, S. M., & Co., shoe blacking & polishes, 46th & 2d av, Brooklyn, N. Y.  
 Bixler Coal & Coke Co., Fulton Bldg., Pittsburgh, Pa.  
 Bixler, J. P., & Sons, masons' & bldrs.' matls., Carlisle, Pa.  
 Bixler, Wm. H., fertilizer mfrs., Hagerstown, Md.  
 Bizzozero, E., granite, W. Quincy, Quincy, Mass.  
 Bjorge, Chas. N., architect, Grand Forks, N. D.  
 Bjork Bros., contractors, 3811 Forest av, Chicago, Ill.  
 Bjorling, E. E., architect, Newhouse Bldg., Salt Lake City, Utah.  
 Bjorlund, Carl S., contractor, 682 Dewey, Bridgeport, Conn.  
 Bjorson Sheet Metal Wks., cornices & skylights, Omaha, Neb.  
 Bjur Bros., pianos, Whitlock & Leggett avs, New York.  
 Bjurstedt, A., architect, Grand Forks, N. D.  
 B. & K. Mfg. Co., guy clamps, 321 Ellis, New Britain, Conn.  
 Blabon, Geo. W., Co., linoleum mfrs., 21st & Hunting Pk. av, Philadelphia, Pa.  
 Blaby, Joseph H., architect, Palmyra, N. Y.  
 Black, A. S., burning brands, stencils, etc., 206 Longworth, Cincinnati, Ohio.  
 Black, A. W., & Son, architects, Security Bldg., St. Louis, Mo.  
 Black Bear Co., boiler compounds, 138 Temple, Long Island City, N. Y.  
 Black & Boyd Mfg. Co., iron, bronze, 432 E. 23d, New York.  
 Black Bros., flour, Beatrice, Neb.  
 Black Bros. Machinery Co., machsts. & fndrs., Mendota, Ill.  
 Black Builders' Supply Co., Marietta, Ga.  
 Black Cat Polish Co., 34 Washington, Buffalo, N. Y.  
 Black Chemical Works, mfrs. barium chloride & sulphide, etc., 85 Vesey, Newark, N. J.  
 Black-Clawson Co., paper mill machinery, Hamilton, Ohio.  
 Black & Coulter Co., contractors, Columbia, S. C.  
 Black & Decker Mfg. Co., machinery mfrs., Baltimore, Md.  
 Black Diamond Co., trade publication, 431 S. Dearborn, Chicago, Ill.  
 Black Diamond Granite Co., St. Cloud, Minn.  
 Black Diamond Mfg. Co., paint mfrs., belt dressing, etc., 1219 Bank, Cincinnati, Ohio.  
 Black Diamond Paint & Varnish Wks., 1219 Bank, Cincinnati, O.  
 Black Dilamond Powder Co., Mahanoy City, Pa.  
 Black Diamond Ribbon & Carbon Co., Rochester, N. Y.  
 Black Diamond Saw & Machine Wks., Natick, Mass.  
 Black Diamond Spad Co., mfrs. miners' spads, Box 414, Richmond, Va.  
 Black Eagle Carriage Mfg. Co., Great Falls, Mont.  
 Black Furnace Co., Mount Vernon, Ohio.  
 Black & Gay, canned goods, Thomaston, Me.  
 Black, Geo., architect, Pawlet, Vt.  
 Black, H. H., contractor, Youngstown, Ohio.  
 Black Hawk Brick Co., Davenport, Ia.  
 Black Hawk Construction Co., Waterloo, Ia.  
 Black Hawk Mfg. Co., machsts. & fndrs., Waterloo, Ia.  
 Black Hills Lime Co., Pringle, S. D.  
 Black, J. B., Co., machsts. & edge tools, Chester, Pa.  
 Black, J. C., & Co., machsts. & fndrs., Keene, N. H.  
 Black, J. Fred, architect, Middleboro, Mass.  
 Black, J. S., granite prod., Vinalhaven, Me.  
 Black, Jas., Masonry & Contracting Co., 212 W. Washington, Chicago, Ill., and St. Louis, Mo.  
 Black, Jno., stone producer, Harrisburg, Pa.  
 Black, John H., Co., masons' & bldrs.' matls., Builders' Exch., Buffalo, N. Y.  
 Black, Lee, architect, Lansing, Mich.  
 Black, M. J., & Sons, flour mills, Athens, Ala.  
 Black, Neill, lbr., Manchester, N. C.  
 Black, P. F., Co., carriages, 2361 E. 14th, Cleveland, Ohio.  
 Black Planing Mill Co., 220 No. Church, West Chester, Pa.  
 Black Products Co., core compounds & flour, 135th & Calumet av, Chicago, Ill.  
 Black River Falls Lumber & Mercantile Assn., masons' & bldrs.' matls., Black River Falls, Wis.  
 Black, Robt., & Co., lbr. mfrs., Bay City, Mich.  
 Black Rock Mfg. Co., machinists, Bridgeport, Conn.  
 Black, S. C., architect, Chemical Bldg., St. Louis, Mo.  
 Black Silk Stove Polish Works, Sterling, Ill.  
 Black, Sivalls & Bryson, tanks, Bartlesville & Nowata, Okla.  
 Black Steel & Wire Co., Kansas City, Mo.  
 Black, Wm. B., contractor, 966 S. West Temple, Salt Lake City, Utah.  
 Black-Woods Mfg. Co., machinists, Peoria, Ill.  
 Blackall, Clapp & Whittemore, architects, 20 Beacon, Boston, Mass.  
 Blackburn, John H., & Son, contractors, Staunton, Va.  
 Blackburn, S. P., & Co., mill & facty. supplies, 287 Atlantic av, Boston, Mass.  
 Blackburn Spec. Co., auto. locks, 3409 Perkins av, Cleveland, O.  
 Blackburn Varnish Co., Dana & Flora Evanston, Cincinnati, O.  
 Blacker & Shepard Co., lumber, 409 Albany, Boston, Mass.  
 Blackfoot Farmers' Milling Co., Ltd., flour, Blackfoot, Idaho.  
 Blackford, W. S. & A. V., mill & facty. supplies, Bonaparte, Ia.  
 Blackford Window Glass Co., Vincennes, Ind.  
 Blackfox Brick Co., fire, 111 Market, Pittsburgh, Pa.  
 Blackhall Mfg. Co., machinery, 196 Seneca, Buffalo, N. Y.  
 Blackhawk Const. Co., contractors, Freeport, Ill.  
 Blackinton, R., & Co., silver nov., N. Attleboro, Mass.  
 Blackinton, V. H., & Co., emblems & badges, Attleboro Falls, Mass.  
 Blackiston Canning Co., Clayton, Del.  
 Blackledge, H., & Co., contractors, 25 Seventh, Norwich, Conn.  
 Blackman, C. A., & Co., lumber, Everett, Wash.  
 Blackman Sheet Metal Works, Des Moines, Ia.  
 Blackman, W. B., architect, Danbury, Conn.  
 Blackmer Cut Glass Co., New Bedford, Mass.  
 Blackmer & Post Pipe Co., vitrified sewer pipe, Boatmen's Bank Bldg., St. Louis, Mo.  
 Blackmer Rotary Pump Co., Petoskey, Mich.  
 Blackmore, John, machinist, Painesville, Ohio.  
 Blacksburg Mach. & Iron Wks., Blacksburg, S. C.  
 Blackshear Mfg. Co., fertilizer, Blackshear, Ga.  
 Blacksher Co., lumber, Mobile, Ala.  
 Blacksmith & Wheelwright, trade publication, 71 Murray, New York.  
 Blackstone Braid Co., shoe laces, Central Falls, R. I.  
 Blackstone Guano Co., fertilizer mfrs., Blackstone, Va.  
 Blackstone Lumber & Mfg. Co., sash, door & blind, Blackstone, Va.  
 Blackstone Mach. Co., Pawtucket, R. I.  
 Blackstone Mfg. Co., cotton sheetings, 50 S. Main, Providence, R. I.  
 Blackstone Mfg. Co., washing machines, Jamestown, N. Y.  
 Blackstone Reed & Harness Co., 41 Bayley, Pawtucket, R. I.  
 Blackstone & Smith, contractors, Portland, Me.  
 Blackwell & Baker, architects, Northern Bk. & Trust Bldg., Seattle, Wash.  
 Blackwell Brick Co., Blackwell, Okla.  
 Blackwell, F. E., advtg. nov. & spec., 630 Mission, San Francisco, Cal.  
 Blackwell L'br. Co., Coeur D'Alene, Idaho.  
 Blackwell Milling & Elevator Co., flour, Blackwell, Deer Creek, Gibbon & Salt Forks, Okla.  
 Blackwell, P. A., & Co., whol. hdwe. & mill & facty. supplies, Henderson, Ky.  
 Blackwood & Nelson, architects, Lackawanna Bldg., Scranton, Pa.  
 Blackwood Steel Foundry Co., Springfield, Ohio.  
 Blade Printing & Paper Co., Toledo, Ohio.  
 Bladen Tie & Lumber Co., Brunswick, Ga.  
 Blades, J. B., Lumber Co., Newbern, N. C.  
 Blaettner's, M., Sons, carriages, Pomeroy, Ohio.  
 Blagden, Wendell D., architect, 15 W. 38th, New York.  
 Blach, Alfred O., Co., case hardening compounds, 1956 Clybourn av, Chicago, Ill.  
 Blaisell, S., Jr., Co., cotton waste, Chicopee, Mass.  
 Blaikie, Edwin K., architect, 110 State, Boston, Mass.  
 Blaine Bros. & Krasnov, 25 W. 20th, New York.  
 Blaine-Mackay-Lee Co., flour mills, North East, Pa.  
 Blaine Shingle Co., lumber, Blaine, Wash.  
 Blair, Albert E., architect, Lawrence, Kans.  
 Blair, Alexander, architect, Macon, Ga.  
 Blair, Alegernon, contractor, Montgomery, Ala.  
 Blair, D., & Bros., common brick, Stanton & Black, Pittsb'gh, Pa.  
 Blair, Edgar, architect, 1426 Jackson, Seattle, Wash.  
 Blair Engineering Co., 343 So. Dearborn, Chicago, Ill.  
 Blair, H. Crawford, archl. wood turning, 40 Clifford, Providence, R. I.  
 Blair & Hinely & Marable, turpentine, Perry, Fla.



- Blair Horse Collar Co., Blair, Neb.  
 Blair, J. C., Co., pads, Huntingdon, Pa.  
 Blair, J. F., cornices & skylights, Concordia, Kans.  
 Blair, J. H., architect, Boothbay, Me.  
 Blair, J. & J., Lumber Land Co., Placerville, Cal.  
 Blair, J. M. Brick Co., 34 W. 6th, Cincinnati, Ohio.  
 Blair, J. T., Co., metal polish, Nashville, Tenn.  
 Blair Limestone Co., Pittsburgh, Pa.  
 Blair Mfg. Co., lbr., Camden, N. J.  
 Blair Mfg. Co., mchsts., Springfield, Mass.  
 Blair Milling Co., flour, Atchison, Kans.  
 Blair Mills, damasks, cotton, Belton, S. C.  
 Blair Motor Truck Co., Newark, Ohio.  
 Blair & Son, mchsts. & fndrs., Waukesha, Wis.  
 Blair Tool & Mach. Wks., 521 Greenwich, New York.  
 Blair Veneer Co., chair seats, North Troy, Vt.  
 Blair, W. H., architect, Janesville, Wis.  
 Blair, Walter D., architect, 597 5th av, New York.  
 Blairsville Enamel Ware Co., mchsts. & fndrs., Blairsville, Pa.  
 Blairsville Mach Wks., Blairsville, Pa.  
 Blairsville Sanitary Co., lavatories, Blairsville, Pa.  
 Blaisdel, Wm. E., architect, Toppenish, Wash.  
 Blaisdell-Canady Co., fuel economizers, 90 West, New York.  
 Blaisdell, Frank M., architect, Little Rock, Ark.  
 Blaisdell Machine Works, machinists, Vineland, N. J.  
 Blaisdell Mch. Co., mchsts. & fndrs., Bradford, Pa.  
 Blaisdell Milling Co., feed, 204 Met. Life, Minneapolis, Minn.  
 Blaisdell, N., & Sons, ship bldrs., Bath, Me.  
 Blaisdell, Nathaniel, architect, 255 California, San Fran., Cal.  
 Blaisdell Paper Pencil Co., 141 Berkeley, Philadelphia, Pa.  
 Blaisdell, S. S., Mach. Co., 228 Aborn, Providence, R. I.  
 Blaisdell, W. B., & Co., granite, Franklin, Me.  
 Blake Car Step Wks., Charlotte, N. C.  
 Blake-Carroll Construction Co., American Trust Bldg., Birmingham, Ala.  
 Blake, Chas. G., & Co., granite columns & mausoleum, 108 So. La Salle, Chicago, Ill.  
 Blake Const. Co., contrs., Appleton, Wis.  
 Blake, Edgar O., architect, 621 Davis, Evanston, Ill.  
 Blake, Edwin J., fndrs., Hartford, Conn.  
 Blake Elec. Mfg. Co., light switchboards, 1 Rowes Wharf, Boston, Mass.  
 Blake & Engle, contractors, Law Bldg., Baltimore, Md.  
 Blake, Frank W., lumber mfrs., Norfolk, Va.  
 Blake, G. F., Mfg. Co., mchsts. & fndrs., 200 Devonshire, Boston, Mass.  
 Blake, Geo. F., Jr., & Co., wholesale hardware, Worcester, Mass.  
 Blake, H. A., & Son, mchsts. & fndrs., Cheboygan, Mich.  
 Blake, H., & Son, turbine water wheels, East Pepperell, Mass.  
 Blake & Higgins Paper & Pulp Mills, Bellows Falls, Vt.  
 Blake, J. M., & Son, wagons, Buffalo, N. Y.  
 Blake & Johnson Co., bolt, nut, rivet & screw, etc., mfrs., 1500 Thomaston ave., Waterbury, Conn.  
*See adv index at end of book.*  
 Blake-McFall Co., pads & tablets, Portland, Ore.  
 Blake Mfg. Co., name plates, Springfield, Mass.  
 Blake Pump & Condenser Co., Fitchburg, Mass.  
 Blake Signal & Mfg. Co., 251 Causeway, Boston, Mass.  
 Blake Specialty Co., castings, couplings, ferrules, plugs, traps, etc., Rock Island, Ill.  
 Blake, T. E., architect, 52 Vanderbilt av, New York.  
 Blake, W. L., & Co., gasoline & kerosene engines, mill, factory, plumbers' steam & gas fitters' supplies, jobbers, 79-85 Commercial, Portland, Me.  
 Blakely Engine Co., rowboat motors, Muskegon, Mich.  
 Blakely, Geo. C., & Son, brick, Lynn, Mass.  
 Blakely, John, & Son, cotton mops, 1089 Germantown av, Philadelphia, Pa.  
 Blakeley Oil & Fertilizer Co., Blakeley, Ga.  
 Blakely, W. W., boring tools, 100 Leicester ct, Detroit, Mich.  
 Blakeman, Chas., & Sons, pearl buttons, 236 Bank, Newark, N. J.  
 Blakeman, Fredk. T., architect, 1 B'way, New York.  
 Blakemore, R. F., cornices & skylights, Fayetteville, Tenn.  
 Blaker, J. L., concrete cars, Blaker Mills, W. Va.  
 Blakeslee, C. W., & Sons, contractors, 58 Waverly, New Haven, Conn.  
 Blakeslee Forging Co., carriage hardware, forgings, etc., Plantsville, Conn.  
 Blakeslee, G. S., & Co., smoked beef shavers, 2856 Quinn, Chicago, Ill.  
 Blakeslee Lumber Co., sash, door & blind, Pittsfield, Mass., & Albany, N. Y.  
 Blakeslee Mfg. Co., mchsts. & fndrs., Du Quoin, Ill.  
 Blakey-Clark Hardware Co., Ennis, Tex.  
 Blalock-Allen Hardware Co., Wadesboro, N. C.  
 Blanch Bros., contractors, Conshohocken, Pa.  
 Blanchard, A. H., cornices & skylights, Sacramento, Cal.  
 Blanchard Bros., advtg., nov., & spec., 19th, Brooklyn, N. Y.  
 Blanchard Bros., granite, Uxbridge, Mass.  
 Blanchard Bros., cornices & skylights, Napoleonville, La.  
 Blanchard Bros. & Lane, patent leather, 20 Bruen, Newark, N. J.  
 Blanchard Bros. Granite Co., Linwood, Mass.  
 Blanchard, Brown Co., contractors, 660 Market, San Fran., Cal.  
 Blanchard, Geo. W., & Co., masons' & bldrs. matls., Winchester, Mass.  
 Blanchard, Humber & Co., fertilizer, Columbus, Ga.  
 Blanchard, Huse Templeton, architect, 15 E. 40th, New York.  
 Blanchard & Kelly, elec. & gas light fixtures, 157 E. 128th, New York.  
 Blanchard Lumber Co., 126 State, Boston, Mass.  
 Blanchard Machine Co., high power vertical surface grinders, mfrs., 64 State, Cambridge, Mass.  
 Blanchard Mfg. & Canning Co., Eastport, Me.  
 Blanchard, Wm. L., Co., contractors, 45 Poinier, Newark, N. J.  
 Blanchardville Lumber Co., Blanchardville, Wis.  
 Blanck, A. E., contractor, Battle Creek, Mich.  
 Bland, J. F., Flour Mills, Cologne, Va.  
 Bland, Jas. F., cross ties, Mayesville, S. C.  
 Bland, Jeff, Lbr. & Bldg. Co., Houston, Tex.  
 Bland, John I., & Co., contractors, Harrison Bldg., Phila., Pa.  
 Blandin Co., bobbin painting machs. & mill & facty. supplies, Lawrence, Mass.  
 Blanding, H. O., architect, Corsicana, Texas.  
 Blandon Rolling Mills, Blandon, Pa.  
 Blandy Paper Co., cardboard, Schuylerville, N. Y.  
 Blaney, Cyril C., babbitt metal, 16 Kingston, Boston, Mass.  
 Blank, Edwin, contractor, Lima, Ohio.  
 Blank & Gottschall, flour mills, Sunbury, Pa.  
 Blanke Mfg. & Supply Co., 3d & Wash av, St. Louis, Mo.  
 Blanke, W. F., Can & Mfg. Co., 116 Pine, St. Louis, Mo.  
 Blanke & Zink, architects, Equitable Bldg., Baltimore, Md.  
 Blanks, J. C., flour mills, Woodbury, Tenn.  
 Blanton Milling Co., flour, Indianapolis, Ind.  
 Blasauf, John, machinist, 81 City Hall, San Francisco, Cal.  
 Blase, Hans, contractor, 5019 Pensacola av, Chicago, Ill.  
 Blaser Auto Body Co., Fostoria, Ohio.  
 Blaser, E. G., brick & tile, Upper Sandusky, Ohio.  
 Blaisier-Sanborn Mfg. Co., fndrs., Utica, N. Y.  
 Blasius Piano Co., Woodbury, N. J.  
 Blasius & Sons, pianos, 40 S. 16th, Philadelphia, Pa.  
 Blassberg, M., mchsts. & fndrs., Turners Falls, Mass.  
 Blast Furnace & Steel Plant, trade publication, 108 Smithfield, Pittsburgh, Pa.  
 Blatchford, E. W., Co., antimony, pipe, metals, etc., 230 N. Clinton, Chicago, Ill.  
 Blatchley, Burton N., contractor, 902 Chapel, New Haven, Conn.  
 Blatt, S. & Co., elec. & gas light fixtures, 49 Elizabeth, New York.  
 Blattner, Fredk., machsts., 223 Maujer, Brooklyn, N. Y.  
 Blatz, Val, Paint & Varnish Co., Louisville, Ky.  
 Blauvelt Knitting Co., 280 Pine, Newark, N. J.  
 Blaw Steel Construction Co., Hoboken, Pa.  
 Blayer, Chr., cornices, 161 W. 45th, New York.  
 Bleadon-Dun Co., surgical instruments, 15 S. Desplaines, Chicago, Ill.  
 Bleaman, Sam'l, bags and suit cases, 6 Mill, Paterson, N. J.  
 Bleazby Bros., toys, games & nov., 337 Woodward av, Detroit, Mich.  
 Blecher Bros., cornices, 43 1st, New York.  
 Blecher Bros. Co., cornices, 49 Northend av., Brooklyn, N. Y.  
 Blecher, Louis, architect, 411 S. Main, Los Angeles, Cal.  
 Blechner's, Albert, Sons, cornices, 677 Bergen av, New York.  
 Bleck, Wm. F., Co., sash, door & blind mfrs., 1846 N. Lamon av., Chicago, Ill.  
 Bleckley, Haralson, architect, 3d Nat'l Bk. Bldg., Atlanta, Ga.  
 Blee, John F., architect, Union League Bldg., Los Angeles, Cal.  
 Bleecker, Aug., & Son, boat anchors, 5 Jones la, New York.  
 Bleecker, Rutger, & Co., peanut oils, 87 Wall, New York.  
 Bleecker, Wm. R., Oil Co., Albany, N. Y.  
 Blefgen, Hy. J., cornices, 868 N. 4th, Philadelphia, Pa.  
 Blehdon, V. R., tow, curled hair, Brisbane Bldg., Buffalo, N. Y.  
 Bleie, David, architect, 2339 Morris av, New York.  
 Bleier Contracting Co., Heath & Day, Boston, Mass.  
 Blendinger, Fred A., 824 O'Hara, Pittsburgh, Pa.  
 Blepp Knitting Works, sweaters, cardigans, etc., 6824 Superior av, Cleveland, Ohio.  
 Blesanz, Philip, brick, Winona, Minn.  
 Blesanz Stone Co., Winona, Minn.  
 Bleser, Jacob, machinist, Springfield, Ill.  
 Blesh, Alex., contractor & architect, Lock Haven, Pa.  
 Bless & Drake, founders, 175 N. J. R. R. av, Newark, N. J.  
 Blessing, C. A., plumbers' supplies, jobbers, 516 Montgomery av, Philadelphia, Pa.  
 Blessing, Emil K., musical instruments, Elkhart, Ind.  
 Blewett, Geo. A., architect, Endicott Bldg., St. Paul, Minn.  
 Blevney, J. C., machinist, 209 Parkhurst, Newark, N. J.  
 Blewett, Geo. A., architect, Endicott Bldg., St. Paul, Minn.  
 Bleyer, Alfred, & Co., paper dishes, plates, etc., 229 West, New York.  
 Bleyle Elec. Co., 84 Courtlandt, New York.  
 Blichert, P. A., Mfg. Co., shoe blacking, 190 13th, Jersey City, N. J.  
 Blick, Jos. J., architect, Pasadena, Cal.  
 Blickensterfer Mfg. Co., machsts. & fndrs., typewriters, Stamford, Conn.  
 Bliesener, W. J., machinists, Rock Island, Ill.  
 Blight, Sons & Co., caps, blasting fuse, Eagle River, Mich.  
 Blinn, L. W., Lbr. Co., Los Angeles & Pasadena, Cal.  
 Blintner & Lawson, sashes, doors & blinds, 160 Western, Minneapolis, Minn.  
 Blish, F. T., Hardware Co., South Manchester, Conn.  
 Blish Milling Co., wheat flour, Seymour, Ind.  
 Blish, Mize & Silliman Hardware Co., Atchison, Kan.  
 Bliss, A. H., & Co., brass chains, North Attleboro, Mass.  
 Bliss, A. L., Lumber Co., 1107 Lbr. Exch., Minneapolis, Minn.



- Bliss Bros., hdwe. mfrs. (marine), 170 Commercial, Boston, Mass.
- Bliss, C. L., contractor, Reliance Bldg., Kansas City, Mo.
- Bliss-Chester Co., wire connectors, sheet metal stamping, etc., 31 Mathewson, Providence, R. I.
- Bliss, Cook Oak Co., lumber, Blissville, Ark.
- Bliss, E. A., Co., table silverware, Meridean, Conn.
- Bliss, E. C., Mfg. Co., plating wks., etc., 73 Page, Providence, R. I.
- Bliss, E. W., Co., sheet metal working machinery mfrs., 19 Adams, Brooklyn, N. Y. *See adv index at end of book.*
- Bliss & Faville, architects, Balboa Bldg., San Francisco, Cal.
- Bliss, John, & Co., nautical instruments, etc., 128 Front, New York.
- Bliss & Laughlin, machinists, Harvey, Ill.
- Bliss & Lavelle, architects, 274 Main, Springfield, Mass.
- Bliss, R., Mfg. Co., wooden clamps, mallets & wood turnings, 525 Main, Pawtucket, R. I. *See adv index at end of book.*
- Bliss, S. R., Co., contractors, Kansas City, Mo.
- Bliss School of Electricity, North Tacoma, Ind., and Washington, D. C.
- Bliss Supply Co., steam fitters' supplies, 815 Long av, Cleveland, Ohio.
- Bliss & Van Auken, lbr. mfrs., Saginaw, Mich.
- Blissfield Motor Works, machsts. & fndrs., Blissfield, Mich.
- Blitch, T. N., turpentine, Blitchton, Ga.
- Blithe, Wesley L., architect, 608 Chestnut, Philadelphia, Pa.
- Blitz Bros., show cases, 450 N. Hermitage av, Chicago, Ill.
- Blitz, L., crude rubber, 4 Stone, New York.
- Bliven & Carrington, lubrg. oils, 29 Moore, New York.
- Bloch, Bert K., distillers, 200 5th av, New York.
- Bloch Bros., carriages, Mobile, Ala.
- Bloch Bros., machinery dlrs., Selma, Ala.
- Bloch Go-Cart Co., invalid chairs, toys, etc., 1136 N. Am. Bldg., Philadelphia, Pa.
- Bloch & Hesse, architects, 500 5th av, New York.
- Bloch, Jos., sponges, chamois, 51 Cliff, New York.
- Bloch, Jos., Co., cornices, 90 Bushwick av, Brooklyn, N. Y.
- Bloch, L. D., & Co., paper shades, 157 5th av, New York.
- Blocher, D., & Co., fertilizer mfrs., Gettysburg, Pa.
- Block Chemical Works, 85 Vesey, Newark, N. J.
- Block & Diemer, architects, Mercantile Bldg., Rochester, N. Y.
- Block, Elias, & Sons, gin distillers, 1st National Bank Bldg., Cincinnati, Ohio.
- Block, H. & L., leather gloves, 149 2nd, San Francisco, Cal.
- Block, I., & Son, stoves, ovens, etc., 393 Pearl, New York.
- Block, Jules, Junk Co., Houston, Tex.
- Block Light Co., incandescent gas burners & mantles, Youngstown, Ohio.
- Block, Mandel & Co., plumbers' supplies, 1151 W. 12th, Chicago, Ill.
- Block, W. G., Co., masons' & bldrs.' matls., Davenport, Ia.
- Blocki-Brennan Refining Co., paints for coating & preserving iron & steel, masons' & bldrs.' matls., 11 N. La Salle, Chicago, Ill.
- Blocki, F., Co., agricultural implements, Sheboygan, Wis.
- Blockside, Jas., glass stainers, Albany, N. Y.
- Blodgett, B. F., & Co., celluloid combs, Leominster, Mass.
- Blodgett & Clapp Co., whol. hdwe., & mill & facty. supplies, 1417 Main, Hartford, Conn.
- Blodgett Clock Co., 261 Franklin, Boston, Mass.
- Blodgett Const. Co., contractors, Midland Bldg., Kansas City, Mo.
- Blodgett, G. S., Co., ovens, Burlington, Vt.
- Blodgett, L. M., contractor, 973 Dewey av, Los Angeles, Cal.
- Blodgett Milling Co., buckwheat & rye flour, Janesville, Wis.
- Blodgett & Orswell Co., cotton thread, Pawtucket, R. I.
- Bloede, Victor G., Co., dextrine, Caton av, Baltimore, Md.
- Blohm, Chas. H., cornices, 1120 Emmet, St. Louis, Mo.
- Blohme, J. Harry, architect, Alaska Com'l Bldg., San Francisco, Cal.
- Blohme Milling Co., flour, Charleston, S. C.
- Bloker Lumber Co., Lindsey, Ohio.
- Blom, Peter H. C., soap, Keokuk, Iowa.
- Blome, R. S., contractor, 139 N. Clark, Chicago, Ill.
- Blome-Sinek Co., contractors, 139 N. Clark, Chicago, Ill.
- Blondin, Edward A., architect, 4 W. Garfield blvd., Chicago, Ill.
- Blondin, L. S., granite, Waterbury, Vt.
- Blood Bros. Machine Co., machsts. & fndrs., Allegan, Mich.
- Blood, L. A., architect, 2246 Morgan av, Morgan Park, Ill.
- Blood, T. L., & Co., paints for coating, wood fillers, 413 Wacouta, St. Paul, Minn.
- Bloodgood, Wm. E., architect, 681 5th av, New York.
- Bloom, Alfred, Co., sashes, doors & blinds, Omaha, Neb.
- Bloom-Burns Mfg. Co., machinists, Freeport, Ill.
- Bloom Flusher Co., 18 Cherlotte, Tiffin, Ohio.
- Bloom & Godley Co., mattresses, Trenton, N. J.
- Bloom, Henry, contractor, Beaver Falls, Pa.
- Bloom, J. F., & Co., stone, Omaha, Neb.
- Bloom Mfg. Co., agricultural implements, Nashua, Ia.
- Bloom, Percy, & Co., cornices, 205 Washington, Brooklyn, N. Y.
- Bloom, W., & Co., scrap iron, Williamsport, Pa.
- Bloomberg, Sam'l, glass, Hoboken, N. J.
- Bloomdale Tile & Brick Co., Bloomdale, Ohio.
- Bloomer Bros. Co., wood dishes, Newark, N. Y.
- Bloomer, E., & Co., cornices, 530 E. 39th, Chicago, Ill.
- Bloomer Mach. Wks., Bloomer, Wis.
- Bloomer Mill Co., flour, Bloomer, Wis.
- Bloomer, R. E., engine oilers, Keithsburg, Ill.
- Bloomfeldt & Rapp, machinists, 108 N. Jefferson, Chicago, Ill.
- Bloomfield Brick Co., Bloomfield, Ind.
- Bloomfield Clay Co., Metuchen, N. J.
- Bloomfield Coal & Supply Co., masons' & bldrs.' matls., Bloomfield, N. J.
- Bloomfield, David, architect, Meriden, Conn.
- Bloomfield Mfg. Co., mchsts. & fndrs., Bloomfield, Ind.
- Bloomfield & Meyer, trunk mfrs., 426 Broome, New York.
- Bloomfield Mill Co., Bloomfield, Ky.
- Bloomingdale, F., fndrs., Voorheesville, N. Y.
- Bloomingdale Milling Co., flour, Bloomingdale, Mich.
- Bloomingdale Rubber Co., 501 5th av, New York.
- Bloomington-Bedford Stone Co., Bloomington, Ind.
- Bloomington Canning Co., Bloomington, Ill.
- Bloomington Coal Co., masons' & bldrs. matls., Bloomington, Ind.
- Bloomington Constr. Co., Bloomington, Ill.
- Bloomington Crushed Stone Co., Bloomington, Ind.
- Bloomington Pressed Brick Co., Bloomington, Ill.
- Bloomquist-Eck Mach. & Mfg. Co., 205 St. Clair av, N. E., Cleveland, Ohio.
- Bloomsburg Brick Co., Bloomsburg, Pa.
- Bloomsburg Car Mfg. Co., mchsts. & fndrs., Bloomsburg, Pa.
- Bloomsburg Paper Co., Bloomsburg & Lightstreet, Pa.
- Bloomsbury Graphite Co., fdry. facings, Bloomsbury, N. J.
- Bloss, O. J., archl. iron, 243 Monitor, Brooklyn, N. Y.
- Blosser, John S., stone producer, Cloverdale, Ohio.
- Blossom Bros., sash, door & blind, New Bedford, Mass.
- Blossom Oil & Cotton Co., meal, Blossom, Tex.
- Blossom-Provine Lumber Co., Seattle, Wash.
- Blossvale Paper Co., Blossvale, N. Y.
- Blouin, Alfred, contractor, Tarrytown, N. Y.
- Blouin, Jos., Jr., architect, Tarrytown, N. Y.
- Blount Carriage & Buggy Co., East Point, Ga.
- Blount Engineering Co., contracting machinists, 100 High, Boston, Mass. *See adv index at end of book.*
- Blount, F. M., Constr. Co., Pensacola, Fla.
- Blount, J. G., Co., grinders, polishing machines & speed lathes, mfrs., Everett, Mass.
- Blount, J. I., & Co., mach. dealers, Birmingham, Ala.
- Blount, J. J., masons' & bldrs. matls., Hawkinsville, Ga.
- Blount Plow Wks., Evansville, Ind.
- Blount & Rees, soap, Wabash, Ind.
- Blows, H. E., contractor, Tacoma, Wash.
- Blue Creek Co., turpentine, Thelma, Fla.
- Blue Diamond Canning Co., Portland, Me.
- Blue Earth City Mill Co., flour, Blue Earth, Minn.
- Blue Grass Lumber Co., Lexington, Ky.
- Blue Grass Milling Co., flour, Campbellsburg, Ky.
- Blue Hill Quarry Co., West Quincy, Mass.
- Blue, J. J., & Son, woolen blankets, Ettrick, Wis.
- Blue, Jno., machinist, Laurinburg, N. C.
- Blue Label Safety Squib Co., Plymouth, Pa.
- Blue Limestone Co., Broadway & N. E., Minneapolis, Minn.
- Blue Mountain Slate Co., Slatington, Pa.
- Blue Print Co., 101 Park av, New York.
- Blue & Queripel Co., plumbers' supplies, jobbers, 2360 3d av, New York.
- Blue Ribbon Auto. & Carriage Co., wood auto. bodies, 1720 Fairfield av, Bridgeport, Conn.
- Blue Ribbon Mfg. Co., metal polish, Boston, Mass.
- Blue Ridge Cotton Oil Mill, meal, Travelers Rest, S. C.
- Blue Ridge Lime Co., Fletcher, N. C.
- Blue Ridge Locust Pin Co., Dillsboro, N. C.
- Blue Ridge Marble Co., Nelson, Ga.
- Blue Ridge Ochre Co., clay, Cartersville, Ga.
- Blue Ridge Red Cedar Co., chests, Reidsville, N. C.
- Blue Seal Supply Co., mchy. 12 Port, Boston, Mass.
- Blue Stone Land & Lumber Co., Ridgway, Pa.
- Blue Trap Rock Co., Little Rock, Ark.
- Blue Valley Mfg. Co., mchsts. & fndrs., Manhattan, Kans.
- Blue Valley Slate Mfg. Co. (Ltd.), Slatington, Pa.
- Blue Vein Slate Co., Slatington, Pa.
- Bluebaugh, W. F., machinists & founders, Arcanum, Ohio.
- Bluefield Hardware Co., Bluefield, W. Va.
- Bluestone Mattress Co., Graham, Va.
- Bluff City Mills, Inc., flour, Bluff City, Tenn.
- Bluffs City Lumber Co., Council Bluffs, Ia.
- Bluffton Anchor Co., Bluffton, Ohio.
- Bluffton Stone Co., Lima, Ohio.
- Blueford, I., & Co., mchy. dealers, 105 N. 15th, Richmond, Va.
- Blum, Albert, cornices, 4244 Allison, Norwd., Cincinnati, Ohio.
- Blum, Ben, & Co., wholesale hardware, Galveston, Tex.
- Blum & Delbridge, stone producers, Bittern av & E. 73d, Cleveland, Ohio.
- Blum & Dilbridge, stone producers, Amherst, Ohio.
- Blum, Geo. & Edw., architects, 505 5th av, New York.
- Blum Hardware Co., Galveston, Tex.
- Blum Mfg. Co., cow & sheep bells, Collinsville, Ill.
- Blum, R., chamois importers, sponges, 108 Pearl, Boston, Mass.
- Blum Roller Mills, flour, Blum, Tex.
- Blum Shoe Mfg. Co., felt boots, Dansville, N. Y.
- Blumberg, D., scrap rubber, 335 N. 4th, Philadelphia, Pa.
- Blumberg, W. L., & Co., who'sale h'dwe, 92 Chambers, New York.
- Blume, Edwin H., architect, Riverhead, N. Y.
- Blume, H., & Son, scrap iron & steel, 536 Myrtle av, B'klyn, N. Y.
- Blume Hardware Co., Galveston, Tex.



- Blumenauer, Wm., contractor, 373 E. 151st, New York.  
 Blumenkrohn, A. A., buttons, 149 5th av, New York.  
 Blumenkrohn, L., & Co., buttons, 13 W. 27th, New York.  
 Blumenstock & Reid Co., meat p'kers, 3261 W. 65th, Cleveland, O.  
 Blumenthal, D., & Co., buttons, 15 E. 26th, New York.  
 Blumenthal, H. G., Co., cornices & skylights, Provo, Utah.  
 Blumenthal, Herman, & Co., brushes, 241 Centre, New York.  
 Blumenthal, Sidney, & Co., plushes & velvets, Shelton, Conn.  
 Blumer, Adam, mach. & fdr., Moss Point, Miss.  
 Blumer-Sartain Packing Co., meat packers, Columbus, Ohio.  
 Blumhard, C. A., Blue Paper Co., 38 S. 6th, Philadelphia, Pa.  
 Blumling, P., masons' & bldrs. matls., McKees Rocks, Pa.  
 Blundon & Hinton, canned goods, Reedville, Va.  
 Bly Bros. & McGilliard Stone Co., 668 S. Utah, Los Ang., Cal.  
 Bly & Hamann, architects, 833 St. Johns, Brooklyn, N. Y.  
 Blycher, August W., contractors, 3128 Fairfield av, Bridgeport, Conn.  
 Blymer Bros. Co., tin plate, metals, Mansfield, Ohio.  
 Blymyer Iron Works Co., sugar, coffee & rice plantation mchy., 2933 Spring Grove av, Cincinnati, Ohio.  
 Blystone Mfg. Co., concrete mixers, Cambridge Springs, Pa.  
 Blystone, F. M., mattresses, Elmira, N. Y.  
 Blystone, W. C., & Son, lumber, Cambridge Springs, Pa.  
 Blystone, W. I., & Son, mattresses, Jamestown, N. Y.  
 Blyth, E. J., buckwheat flour, Walworth, N. Y.  
 Blythe & Isenhour, contractors, Charlotte, N. C.  
 B. & M. Brick Co., Madison, Wis.  
 B. & M. Machine Co., Akron, Ohio.  
 Boal, Theodore Davis, architect, 1725 N. W., Washington, D. C.  
 Boardman, E. A., & Sons, lumber, Thorp, Wis.  
 Boardman, F. E., fertilizer mfrs., Middletown, Conn.  
 Boardman & Gray, pianos, Albany, N. Y.  
 Boardman, Robt., Co., mchsts., Oil City, Pa.  
 Boas, Francis J., contractor, 201 N. Broad, Philadelphia, Pa.  
 Boas Thread Co., Stamford, Conn.  
 Boas, Wm. J., Co., folding paper boxes, 1427 Vine, Phila., Pa.  
 Boaz Cotton Oil Co., Boaz, Ala.  
 Boaz Fertilizer Co., Boaz, Ala.  
 Boaz Milling Co., flour, Boaz, W. Va.  
 Bobb, Peter E., & Co., lbr. mfrs., Thorp, Wis.  
 Bobrick Chemical Co., Los Angeles, Cal.  
 Bock Bearing Co., taper roller bearings, Phillips av. & M. C. R. R., Toledo, O.  
 Bock Bearing Co., Phillips av & M. C. Ry., Toledo, Ohio.  
 Bock, Leo, scrap iron, Olean, N. Y.  
 Bock, M., scrap iron & steel, 32 Bennett, Buffalo, N. Y.  
 Bock-Walker Co., wholesale hardware, Battle Creek, Mich.  
 Bockes & Mahan, lbr. mfrs., Kalkaska, Mich.  
 Bockhoven Bros. Co., lbr., 132 Astor, Newark, N. J.  
 Bockstege Furniture Co., Evansville, Ind.  
 Bodach, Chas., & Sons, show cases, 314 S. Franklin, Chicago, Ill.  
 Bodary Building Co., 759 Stanley av, Detroit, Mich.  
 Bodcaw Lumber Co., Stamps, Ark.  
 Bode, Geo., contractor, Youngstown, Ohio.  
 Bode Wagon Co., 1655 Central av, Cincinnati, Ohio.  
 Bodenstein, J. G., & Co., ice picks, planners, plows, etc., Staatsburg, N. Y.  
 Bodenstein & Kuemmerle, revolving chairs, Lawrence & Grand av, Philadelphia, Pa.  
 Bodette, Edw., contractor, 704 Boalt, Toledo, O.  
 Bodin, Eugene, brick, Franklin, La.  
 Bodine Electric Co., dynamo & motor mfrs., 2254 W. Ohio, Chicago, Ill.  
 Bodine Roofing Co., Mansfield, O.  
 Bodker, A. J., architect, 63 W. 45th, New York.  
 Bodmer, A. W., stone producer, Portsmouth, Ohio.  
 Bodt, W. A., canned goods, Churchville, Md.  
 Bodwell, Albert E., architect, 18 Tremont, Boston, Mass.  
 Bodwell Counter Co., Haverhill, Mass.  
 Bodwell, Cyrus F., architect, Gardner, Mass.  
 Bodwell Granite Co., Rockland, Me.  
 Boebinger Hardware Co., 315 E. Pearl, Cincinnati, Ohio.  
 Boeckeler Lumber Co., Hall & Mallinckrodt, St. Louis, Mo.  
 Boedttcher, Franz A., elevator safety devices, 355 W. 42d, New York.  
 Boegel, Wm. J., architect, 3 W. 29th, New York.  
 Boeger, John C., contractor, Arlington Heights, Ill.  
 Boehler, Chas. F., landscape archit., Kresge Bldg., Detroit, Mich.  
 Boehm, C. A., & Son, carriages, Camden, N. Y.  
 Boehme, Chris. A., brewery architects, Kasota blk, Minneapolis, Minn.  
 Boehm, Christian C., inc. lamps, Rochester, N. Y.  
 Boehm, Geo. A., & H., architects, 7 W. 42d, New York.  
 Boehm, H., & Co., incandescent miniature lamps, Youngstown, O.  
 Boehm, Hy., & Co., mchsts. & fudrs., 306 N. Holliday, Baltimore, Md.  
 Boehme & Rauch Co., paper & pulp mills, Monroe, Mich.  
 Boehmer, A. L., paint, Covington, Ky.  
 Boeke Constr. Co., 1818 Ann av, St. Louis, Mo.  
 Boekel, Wm. & Co., machsts., 518 Vine, Philadelphia, Pa.  
 Boekenkamp, E. G., Sr., architect, Norwood, Pa.  
 Boelhouwe, C. T., architect, State Bk. & Tr. Bldg., San Antonio, Tex.  
 Boelhouwe, Chas. G., contractor, San Antonio, Tex.  
 Boenisch & Kraus, architects, Ohio Bldg., Akron, Ohio.  
 Boerder Process Steel Co., Woodhill & Hazelwood, Cleveland, O.  
 Boerum & Farrell, architects, Rockaway Park, N. Y.  
 Boerum Knitting Mills, sweaters, cardigans, etc., 80 Ten Eyck, Brooklyn, N. Y.  
 Boesch, H., elec. & gas light fixtures, 275 Greenwich, New York.  
 Boesch Lamp Co., 962 Mission, San Francisco, Cal.  
 Boesch Mfg. Co., machsts., Danbury, Conn.  
 Boesch, Victor P. & Son, cornices, Linwood & Delta av, Cincinnati, Ohio.  
 Boese, Frederick D., architect, Call Bldg., San Francisco, Cal.  
 Boese, John, architect, 280 Broadway, New York.  
 Boese & Suter, architects, Queens Plaza Ct. Bldg., Long Island City, N. Y.  
 Boeseke-Dawe Co., cornices & skylights, Santa Barbara, Cal.  
 Boettcher, Ludwig, machsts., 208 E. 19th, New York.  
 Boettcher & Kellogg Co., wholesale hdwe.; machsts' tools, Evansville, Ind.  
 Boettiger & Co., paste, Erie, Pa.  
 Boettiger, Louis A., Co., key chains, cream dippers, tweezers, 48 Leonard, New York.  
 Boettler, Fred, carriages, 2621 Cass av, St. Louis, Mo.  
 Bofinger Bros., metal & elec. signs, 146 E. 42d, New York.  
 Bogalusa Mill & Supply Co., masons' & bldrs.' matls., Bogalusa, La.  
 Bogard, A., scrap iron & steel, Terre Haute, Ind.  
 Bogardus, E. R., & Son, architects, Mason City, Ia.  
 Bogardus, J. R., architect, 907 E. El Paso, Texas.  
 Bogardus-Nelson Co., pressure gauges, Marshalltown, Ia.  
 Bogart, A. L., Co., elec. burners, torches, clocks, etc., 55 Barclay, New York.  
 Bogart, I. H. & Son, contractors, 414 Albany, Boston, Mass.  
 Bogart, J. S., contractor, Mills Bldg., San Francisco, Cal.  
 Bogart Piano Co., 9 Canal pl, New York.  
 Bogert, A. Z., & Bro., masons' & bldrs.' matls., River Edge, N. J.  
 Bogert-Carlough Co., machsts., Paterson, N. J.  
 Bogert, Chas. A., contractor, Englewood, N. J.  
 Bogert & Hopper, wood turning products, 67 Barclay, New York.  
 Boggs Auto Supply Co., Ft. Dodge, Ia.  
 Boggs Broom Corn Co., 1206 N. Main, St. Louis, Mo.  
 Boggs, Edw. T., architect, Norristown, & 136 S. 4th, Phila., Pa.  
 Bogota Paper & Board Co., Bogota, N. J.  
 Bogue, Chas. J., Elec. Co., 513 W. 29th, New York.  
 Bogue, Geo. P., architect, East Machias, Me.  
 Bogue-Wensley Lead Co., Denver, Colo.  
 Boh, Arthur P., architect, 302 Carondelet, New Orleans, La.  
 Bohannan, Wilson, door locks, 760 Lexington av, Brooklyn, N. Y.  
 Bohart Products Co., buckwheat flour, Clinton, Ia.  
 Bohem, A. & G., cornices, 15th & Federal, Philadelphia, Pa.  
 Bohem Mfg. Co., window ventilators, 1414 Fdrl, Phila., Pa.  
 Bohemian Pottery Co., Zanesville, Ohio.  
 Bohlen, D. A., & Son, archts., Majestic Bldg., Indianapolis, Ind.  
 Bohm, Albert, push buttons, 260 W. B'way, New York.  
 Bohm, G. B., architect, Williamson Bldg., Cleveland, Ohio.  
 Bohm & Stuhr, sash, door & blind, B'way & W. & L. E. R. R., Cleveland, Ohio.  
 Bohn Roofing & Cornice Co., Norfolk, Va.  
 Bohnard & Parsons, architects, Euclid Bldg., Cleveland, Ohio.  
 Bohne, F. W., architect, N. Y. blk, Seattle, Wash.  
 Bohner Mfg. Co., faucet filters, 1009 S. Wabash av, Chicago, Ill.  
 Bohnet, Jno. & Co., auto. tops, Lansing, Mich.  
 Boice, Runyon Co., masons' & bldrs.' matls., Plainfield, N. J.  
 Boicourt, J. L., fndrs., Fort Worth, Texas.  
 Boig & Hill, steam fitters' supplies, 216 Fulton, New York.  
 Boileau, Paul, stone producers, 722 S. Kelmar, Chicago, Ill.  
 Boiler Maker, trade publication, 461 8th av, New York.  
 Boiler & Radiator Sales Co., steam fitters' supplies, 126 W. Kinzie, Chicago, Ill.  
 Boillot & Lauck, architects, Scarritt Bldg., Kansas City, Mo.  
 Boise Butcher Co., Ltd., Boise, Idaho.  
 Boise Canning Co., Boise, Idaho.  
 Boise Payette Lbr. Co., Boise, Idaho.  
 Bois D'Arc Canning Co., Bois D'Arc, Mo.  
 Boissier Elec. Co., 205 W. 19th, New York.  
 Bolnott, C. C. & Sons, canned goods, Naffs, Va.  
 Boker, Herman, & Co., cast iron balls, wholesale hdwe, etc., 101 Duane, New York.  
 Boker, Raymond F., architect, 49 Pearl, Hartford, Conn.  
 Bokern, F. T., stove mfrs., 217 Market, St. Louis, Mo.  
 Boknert, M. J., cornices & skylights, Miami, Fla.  
 Boland Bros., contractors, Scranton, Pa.  
 Boland, C. P. & Co., bldg. & genl. contractors, 30 4th, Troy, N. Y.  
 Boland, Christ T., contractor, Scranton, Pa.  
 Boland, Jas., Rendering & Fertilizing Co., Jackson, Mich.  
 Boland, John V., Constr. Co., Chemical Bldg., St. Louis, Mo.  
 Boland Machine & Mfg. Co., New Orleans, La.  
 Boland Machy. Co., 552 W. Van Buren, Chicago, Ill.  
 Bolce, Louis H., & Co., paint mfrs., 2435 Gilbert av, Cincinnati, O.  
 Bolcom, H. C., Lumber Co., cedar shingles, Seattle, Wash.  
 Bold, Wm. M., machsts., Decatur, Ill.  
 Boldt, Chas., Co., glass bottles, Davis la & Penn Ry., Cincinnati, Ohio.  
 Boldt, George, machsts. & fndrs., Tinley Park, Ill.  
 Boldt-Low Construction Co., Swetland Bldg., Cleveland, Ohio.  
 Bolduc, Leander, contractor, Fall River, Mass.  
 Boley, B., glass bottles, 157 10th av, New York.  
 Boley, C. H., Co., size, turpentine, varnish, etc., 3722 N. Randolph, Philadelphia, Pa.  
 Bolin-Hall Grain Co., Liberal, Kans.



- Bolin Metallic Door Co., Kansas City, Mo.  
 Bolinders Co., marine engines, 30 Church, New York.  
 Bolinger, S. H., & Co., Ltd., lumber, Bolinger & Shreveport, La.  
 Bolivar Fdry. & Mach. Co., Bolivar, Pa.  
 Boll Bros. Mfg. Co., mattress mfrs., Harrisburg, Pa.  
 Boll, John H., architect, 621 Main, Cincinnati, Ohio.  
 Boller, Carl, architect, Gayety Theater Bldg., Kansas City, Mo.  
 Boller, Chas. & Sons Co., sash, door & blind mfrs., lbr., Chicago & Carroll, Buffalo, N. Y.  
 Boller, Peter, Mach. Wks., 124 N. Curtis, Chicago, Ill.  
 Boller Piano Co., 2168 Milwaukee av, Chicago, Ill.  
 Bollerman, Arthur M., pianos, 285 E. 137th, New York.  
 Bolles, Aerial E., window sash, 52 Duane, New York.  
 Bolles, E. E. & Co., lumber, Coleman, Wis.  
 Bolles, Edw. G., architect, 660 Market, San Francisco, Cal.  
 Bolles, J. E., Iron & Wire Wks., 4th & Porter, Detroit, Mich.  
 Bollinger-Andrews Constr. Co., Empire Bldg., Pittsburgh, Pa.  
 Bollinger Bros., brewery architects & contrs., Fulton Bldg., Pittsburgh, Pa.  
 Bollinger & Rieley Mach. Co., Cleveland, Ohio.  
 Bollmann, Wilson, Fdry. Co., 506 E. Front, Cincinnati, Ohio.  
 Bollwerk, H., & Bro., auto. wood bodies, tank wagons, St. Louis, Mo.  
 Bolster Bros., stone producers, Ephrata, Pa.  
 Bolster, J. W., carriages, Peabody, Mass.  
 Bolte & Weyer Co., air pumps, 125 S. Racine av, Chicago, Ill.  
 Bolter's, A. Sons, fndrs., 2301 Ward, Chicago, Ill.  
 Bolton Bros., mill & facty. supplies, 416 E. Pratt, Baltimore, Md.  
 Bolton, Chas. W. & Son, architects, Witherspoon Bldg., Phila, Pa.  
 Bolton, F. D., canned goods, Fincastle, Va.  
 Bolton, H. L., canned goods, Troutville, Va.  
 Bolton, R. P., exhaust heads, 55 Liberty, New York.  
 Bolton-Pratt Co., contractors, Columbia Bldg., Cleveland, Ohio.  
 Boltz, B. F., Mfg. Co., wood handles, Winchester, Ind.  
 Bomar, L. F., machsts., Spartanburg, S. C.  
 Bomberger Brick Wks., Lancaster, Pa.  
 Bomer-Ferguson Co., Ltd., lumber, Lake Arthur, La.  
 Bomgardner Mfg. Co., invalid chairs, 1384 Hira av, Cleveland, O.  
 Bommer Bros., hinge mfrs., 270 Willoughby av, Brooklyn, N. Y.  
 B. & O. Milk Co., canned, Carlyle, Ill.  
 Bon Air Coal & Iron Co., furnaces, Nashville, Tenn.  
 Bon Ami Co., soap powders, 17 Battery pl, New York.  
 Bonafide Mfg. Co., gaff hooks, minnows, etc., Plymouth, Mich.  
 Bonagur, Vincent, architect, 789 Horne, New York.  
 Bonas, E., & Sons, machsts. & fndrs., Coulterville, Ill.  
 Bonazzi & Benazzi, granite, Montpelier, Vt.  
 Bond, Alfred J., lumber, Bradford, Pa.  
 Bond Bottle Sealing Co., crown corks & washers, 501 Monroe, Wilmington, Del.  
 Bond & Bours Co., wholesale hdwe., Jacksonville, Fla.  
 Bond Bros., ties, Elizabethtown, Ky.  
 Bond, Chas., Co., mill & facty. supplies & leather belting, 520 Arch, Philadelphia, Pa.  
 Bond, E. W., Co., lumber, Lake Helen, Fla.  
 Bond Foundry & Machine Co., power transmitting machinery, Manheim, Pa.  
 Bond, G. H., architect, Tampa, Fla.  
 Bond, Geo. E., & Co., granite producers, Barre, Vt.  
 Bond, H. W., architect, Weiser, Idaho.  
 Bond, Harold L. Co., contractors' equipment & supplies, mfrs., 383 Atlantic av, Boston, Mass.  
 Bond Lumber Co., Glenwood, Fla.  
 Bond, Newton C., architect, North Adams, Mass.  
 Bond, S. G., architect, 227 E. Douglas av, Wichita, Kans.  
 Bond, St. Georges, scriptographs, Crozer Bldg., Philadelphia, Pa.  
 Bond Sandstone Brick Co., Lake Helen, Fla.  
 Bond Scale Co., Los Angeles, Cal.  
 Bond Steel Post Co., Adrian, Mich.  
 Bond Supply Co., mill & facty. supplies, Kalamazoo, Mich.  
 Bond, T. H. & Bro., distillers, McBrayer, Ky.  
 Bond Varnish Co., Fanwood, N. J.  
 Bond, Vivian & Co., ferre manganese, etc., 68 Beaver, New York.  
 Bond, W. C., wood handles, New Castle, Ind.  
 Bond, W. T., lumber, Caneyville, Ky.  
 Bond, Walter J., contractor, 13 Hallett, Long Island City, N. Y.  
 Bond, Wm., & Son, chronometers, 22 Beacon, Boston, Mass.  
 Bondy, J. L., archl. iron, 8 S. Dearborn, Chicago, Ill.  
 Bonebrake Hardware & Implement Co., El Reno, Okla.  
 Bonell, Wm., carriages, Eau Claire, Wis.  
 Bonesteel, A. E. & Co., wholesale hdwe., 313 River, Troy, N. Y.  
 Bonestell, C. K., Jr., archt., Monadnock Bldg., San Francisco, Cal.  
 Boney, A. T., agricultural implements, Cairo, Mo.  
 Boney, Leslie N., architect, Goldsboro, N. C.  
 Bonfoey & Elliott, architects, Tampa, Fla.  
 Bonfoey, F. L., architect, Charlotte, N. C.  
 Bonham Cotton Mills, sheetings, Bonham, Tex.  
 Bonham, Edw., architect, Sun Bldg., Lowell, Mass.  
 Bonham Recorder Co., carfare registers, Hamilton, Ohio.  
 Bonham, Winchester, contractor, Wildwood, N. J.  
 Bonita Mfg. Co., elec. cable hangers, Hancock & Columbia, Philadelphia, Pa.  
 Bonitz, Henry E., architect, Wilmington, N. C.  
 Bonn, Sam., contrs., Syracuse, N. Y.  
 Bonnell, E. M., bed springs, Corry, Pa.  
 Bonnell, J. D., & Son, jewelers' tags, 311 Atlantic av, Boston, Mass.  
 Bonnell, Jas. E., contractor, Tacoma, Wash.  
 Bonnell, W. A., Co., bolts, cabinets, clamps, connectors, etc., 132 Church, New York.  
 Bonner & Barnewall, belting, 30 Church, New York.  
 Bonner Fruit Co., canners, Lankershim, Cal.  
 Bonner, J. H., & Sons, lumber, Heth, Ark.  
 Bonner & Marshall Brick Co., 133 W. Washington, Chicago, Ill.  
 Bonner Oil Co., Houston, Tex.  
 Bonner Portland Cement Co., Bonner Springs & Kansas City, Kans.  
 Bonner Tool Co., staple pullers, Champaign, Ill.  
 Bonney, E. L., packing box, Brockton, Mass.  
 Bonney-Floyd Co., steel castings, etc. (So. Columbus), Columbus, Ohio.  
 Bonney Supply Co., contractors' machy., 371 St. Paul, Rochester, N. Y.  
 Bonney-Vehslage Tool Co., conductors' ticket punches, 124 Chambers, New York.  
 Bonney Vise & Tool Works, anvils, vises & forgings, Allentown, Pa. *See adv index at end of book.*  
 Bonnie Bros., gin distillers, Louisville, Ky.  
 Bonniwell-Calvin Iron Co., wholesale hdwe., 1205 W. 10th, Kansas City, Mo.  
 Bonnot Co., machsts. & fdrs., Canton, Ohio.  
 Bono Plow Co., Bono, Ala.  
 Bonsack, Fred'k C., architect, Pierce Bldg., St. Louis, Mo.  
 Bontempi Co., rust-proofing, 50 Church, New York.  
 Bonthron, Jas., architect, Beck Bldg., Portland, Ore.  
 Bonville Bros., slate for elec'l purposes, Fair Haven, Vt.  
 Bonville, Edw., slate for elec'l purposes, Fair Haven, Vt.  
 Bonyata Chemical Co., liquid, disinfectant & scrubbing soaps, Grinnell, Iowa.  
 Booden & Son, varnish mfrs., 243 N. 9th, Brooklyn, N. Y.  
 Booker Box Co., pkg. box mfrs., Louisville, Ky.  
 Booker & Campbell, contractors, Bellingham, Wash.  
 Booker, H. R., & Co., wholesale hdwe. & plumbers' supplies (jobbers), Hampton, Va.  
 Booker, Kiehl & Whipple, contrs., Central Bldg., Seattle, Wash.  
 Bookhop, F. H., corn & whisk brooms, & brushes, 151 38th, Brooklyn, N. Y.  
 Books Trunk Co., 19 E. 8th, Kansas City, Mo.  
 Bookwalter Wheel Co., Miamisburg, Ohio.  
 Boomer & Boschert Press Co., 379 W. Water, Syracuse, N. Y. *See adv index at end of book.*  
 Boomer, I. E., masons' & bldrs.' matls., Forest & Dequindre, Detroit, Mich.  
 Boone, Allan E., architect, 112 Water, Boston, Mass.  
 Boone Brick Tile & Paving Co., Boone, Ia.  
 Boone Bros., flour mills, Erin, Tenn.  
 Boone, D. R., lime, Oglesby, Tex.  
 Boone, Dr. G. A., canned goods, Troutville, Va.  
 Boone Milling Co., flour, Boone Mill, Va.  
 Boone, Robt. M., contractor, Alliance, Ohio.  
 Boone, W. B., architect, 1165 College, Memphis, Tenn.  
 Boone, W. E., machy. dealer, Jacksonville, Fla.  
 Boonstra, L. A., architect, Lafayette, Ind.  
 Boonton Rubber Co., Boonton, N. J.  
 Boonville Brick Co., Boonville, Mo.  
 Boonville Canning Co., Boonville, N. C.  
 Boor & Davis, flour mills, Mannington, W. Va.  
 Boorse, Horace B., contractor, 665 N. 15th, Philadelphia, Pa.  
 Boortz, Fred, contractor, Waukesha, Wis.  
 Boorum & Pease Co., R. R. stationery; books, etc., 109 Leonard, New York.  
 Boos, John, & Co., cutting benches, butchers' blocks, Effingham, Ill.  
 Booser, G. A., machsts., & cooperage stock, Corning, Ark.  
 Booth, A. M., masons' & bldrs.' matls., Huntsville, Ala.  
 Booth, A. W., & Bro., masons' & bldrs.' matls., Bayonne, N. J.  
 Booth, Alexander, contractor, Newport, R. I.  
 Booth Art Glass Co., 84 W. Huron, Buffalo, N. Y.  
 Booth, Benj. & Co. (Ltd.), card clothing, 1717 N. Bodine, Philadelphia, Pa.  
 Booth & Boyd Lbr. Co., Saginaw, Mich.  
 Booth Bros. Co., shoe machy., Rochester, N. Y.  
 Booth Bros & Hurricane Isle Granite Co., stone workers, 208 B'way, New York.  
 Booth, C. F., Co., talcum powder, Norwich, N. Y.  
 Booth Column Co., Toledo, Ohio.  
 Booth Felt Co., Inc., 440 19th, Brooklyn, N. Y.  
 Booth Fisheries Co., Astoria, Ore.  
 Booth & Flinn, contractors, 17 Battery pl, New York.  
 Booth & Flinn, Ltd., contractors, 1942 Forbes, Pittsburgh, Pa.  
 Booth, Garrett & Blair, chemists, engineers & testing laboratories, 404 Locust, Philadelphia, Pa.  
 Booth, Irving D., Inc., hardware—wholesale, Elmira, N. Y.  
 Booth, J. B., Co., steel struct. wk., 216 E. Robinson, Pittsburgh, Pa.  
 Booth, J. R., lbr., Burlington, Vt.  
 Booth-Kelly Lbr. Co., Coburg, Ore.  
 Booth, L. M., Co., water softening & purifying apparatus, 58 Hudson, Jersey City, N. J.  
 Booth & Law Co., varnish mfrs., New Haven, Conn.  
 Booth & Lewis Lbr. Co., Grand Cen. Ter., New York.



- Booth Packing Co., Wolfe & Lancaster, Baltimore, Md.  
 Boothbay Gas Engine Co., East Boothbay, Me.  
 Boothbay Packing Co., Boothbay Harbor, Me.  
 Boothbay & Tucker, canned goods, Portland, Me.  
 Boothe-Miller Co., lamps, 2210 S. Main, Los Angeles, Cal.  
 Boots & Gant, contractors, Greenfield, Ind.  
 Boott Mills, cotton sheetings, duck, Lowell, Mass.  
 Booz Bros., ship bldrs., ft. of Montgomery, Baltimore, Md.  
 Booz, G. C., canned goods, Springfield, Va.  
 Booz, G. W., machinist, Gueydan, La.  
 Boquin, L. O., contractor, Oil City, Pa.  
 Borbein Auto. Co., 2109 N. 9th, St. Louis, Mo.  
 Borbein, H. G., carriages, 1439 N. 13th, St. Louis, Mo.  
 Borchers Carriage & Auto Co., Dayton, Ohio.  
 Borchers, Richard C., & Co., tex. machy, supplies, etc., Fkd., Philadelphia, Pa.  
 Bord Varnish Co., 202 Main, Cincinnati, Ohio.  
 Borden, Chas. W., lumber, Half Moon Bay, Cal.  
 Borden Co., The, "Beaver" easy working pipe threaders and "Beaver" square end pipe cutters, Warren, Ohio.  
*See adv index at end of book.*  
 Borden, Cook & Co., sash, door & blind mfrs., Fall River, Mass.  
 Borden, Guiney & Kendall Co., masons' & bldrs.' matls., Fall River, Mass.  
 Borden, Jefferson & Son, mill & facty. supplies, Fall River, Mass.  
 Borden & Remington Co., mfrs. drugs & chemicals, jobbers of burlaps, bale rope, starches, lubricating oils, etc., Fall River, Mass.  
 Borden Varnish Co., 816 S. Vandeventer av., St. Louis, Mo.  
 Bordentown Forge & Mach. Co., Bordentown, N. J.  
 Border City Industrial Co., step ladders, Border City, N. Y.  
 Bordo, L. J., Co., valve mfrs., & steam specialties, 12th & Thompson, Philadelphia, Pa.  
 Boren, John W., & Sons Co., contrs., Arcade Bldg., Dayton, Ohio.  
 Boren, Wm., masons' & bldrs.' matls., Ashland, Ohio.  
 Borg & Beck Co., machsts., Moline, Ill.  
 Borg, Emil, contractor, 1787 E. 45th, Los Angeles, Cal.  
 Borger Bros. Co., tubular boilers, tanks, etc., Broad & Scioto, Columbus, Ohio.  
 Borger Mfg. Co., envelope sealing machines, Cincinnati, Ohio.  
 Borger, Valentine, machsts., 2035 N. 2d, Philadelphia, Pa.  
 Borgeson, C. E., wood handles, 1775 Wilson av., Chicago, Ill.  
 Borgfeldt, Geo., & Co., aluminum hollow ware; alarm clocks, toys, etc., 16th & Irving pl., New York.  
 Borgfeldt Cigar Mach. Co., Metuchen, N. J.  
 Borgfeldt, N. H., & Co., machsts., Metuchen, N. J.  
 Borgman, A. J., cornices, 765 Forest av., E. Detroit, Mich.  
 Borgmeyer, Edw. J., architect, Stimson Bldg., Los Angeles, Cal.  
 Borgner, Cyrus Co., masons' & bldrs.' matls., 234 N. 23d, Philadelphia, Pa.  
 Borgstrom, G. J., stencils, 224 S. Canal, Chicago, Ill.  
 Borgwald, John, contractor, Mount Vernon, N. Y.  
 Borgwald, Wm., contractor, Mount Vernon, N. Y.  
 Borgwardt & Ernst Co., tree moss, 1234 W. Chicago av., Chicago, Ill.  
 Borgzinner, S., Co., jewelry cases, 82 Nassau, New York.  
 Borhek, R. E., architect, Savage-Scofield Bldg., Tacoma, Wash.  
 Borie, C. L., Jr., architect, 15th & Walnut, Philadelphia, Pa.  
 Boright, John W., Lumber Co., Chatham, N. Y.  
 Boring & Tilton, architects, 32 B'way, New York.  
 Boris, Jos. J., soda ash, Produce Exch., New York.  
 Bork & Richard, sash, door & blind mfrs., Meadville, Pa.  
 Borkel, Jno., & Co., cornices, 42 E. Houston, New York.  
 Borkenhagen, A., & Son, contrs., 175 Norwalk av., Buffalo, N. Y.  
 Borkenstein, B., & Son, contractors, Fort Wayne, Ind.  
 Borland & Diamond Lumber Co., Oil City, Pa.  
 Born, Chas. A., plumbers' supplies—jobbers, Pensacola, Fla.  
 Born, L., masons' & bldrs.' matls., Hampton, Va.  
 Born, S. A., Bldg. Co., 660 Market, San Francisco, Cal.  
 Born Steel Range Co., 2163 E. 9th, Cleveland, Ohio.  
 Borne, Chas. A., Co., machy. dtrs., 37 Wooster, New York.  
 Borne-Scrymser Co., oils, 80 South, New York.  
 Bornemann, Adolph, machinist, St. Peter, Minn.  
 Bornemann, Ed., lumbermen's socks, St. Peter, Minn.  
 Borneman & Sons, whol. hdwe. & mill & facty. supplies, Elkhart, Ind.  
 Bornwasser, Louis P., Co., meat packers, Louisville, Ky.  
 Borough Development Co., 186 Remsen, Brooklyn, N. Y.  
 Borres, Jos. & Sons, contractors, 4808 Kincaid, Pittsburgh, Pa.  
 Borreson Mfg. Co., hdwe.; machsts., University & Curfew av., St. Paul, Minn.  
 Borries, Wm. E., architect, 383 B'way, Weehawken, N. J.  
 Borst, Geo. H., architect, 69 W. Washington, Chicago, Ill.  
 Borsum Bros., metal polish, 227 Fulton, New York.  
 Borthwick, Pringle, contractor, 8018 Germantown, Phila., Pa.  
 Borton, C. F., Co., contractors, Hibernian Bldg., Los Angeles, Cal.  
 Borton Coal & Trading Co., masons' & bldrs.' matls., Atlantic City, N. J.  
 Boryer, Harry F., contractor, 1300 F. N. W., Washington, D. C.  
 Borzner, Andrew C., architect, 717 Walnut, Philadelphia, Pa.  
 Bos. Jno. N., Sand Co., 118 N. La Salle, Chicago, Ill.  
 Bosbury, R. B., cornices & skylights, Parkersburg, W. Va.  
 Boscacer, Jos., machinist, Oakland, Cal.  
 Bosch, Hy., Co., wall paper mfrs., 485 5th av., New York.  
 Bosch, Hy., Co., window shade mfrs., 525 S. Wabash av., Chicago, Ill.  
 Bosch Magneto Co., magneto mfrs., 223 W. 46th, New York.  
 Boschen, W., architect, Tootle-Lemon Bk. Bldg., St. Joseph, Mo.  
 Boseck, Otto, contractor, 99 Marlemont av., Buffalo, N. Y.  
 Bosher's, R. H., Sons, carriages, Richmond, Va.  
 Bosken Lumber Co., Evans & Erie, Cincinnati, Ohio.  
 Bosler, E. H., carriage dressing, 1935 Wabash av., Chicago, Ill.  
 Bosley, D. W., Co., weather strips, 122 S. Mich. av., Chicago, Ill.  
 Bosley, L. W., cornices & skylights, Gainesville, Tex.  
 Boss, Chas. H., rakes, Liberty, R. I.  
 Boss, John C., Co., brick, Elkhart, Ind.  
 Boss Knitting Machine Works, Reading, Pa.  
 Boss Mfg. Co., agricultural implements, Kewanee, Ill.  
 Boss Mfg. Co., canvas gloves, 70 Washington, Brooklyn, N. Y.  
 Boss Nut Co., lock-nuts & washers, 1744 N. Kolmar av., Chicago, Ill.  
 Boss Washing Mach. Co., Cincinnati, Ohio.  
 Bosserdet Yacht & Engine Co., machsts., Park View & Jefferson av., Detroit, Mich.  
 Bossert Corporation (The), automobile stampings, etc., Utica, N. Y. *See adv index at end of book.*  
 Bossert, Fred, masons' & bldrs.' matls., Grand Rapids, Wis.  
 Bossert, O. H., Co., contractors, 401 Prospect av., Milwaukee, Wis.  
 Bossert, Louis & Son, stair bldrs.' supplies, 1335 Grand, Brooklyn, N. Y.  
 Bossom, Alfred C., architect, 366 5th av., New York.  
 Bosson & Lane, lubricating oils & greases, Atlantic, Mass.  
 Bostick Lbr. & Mfg. Co., Meridian, Miss.  
 Bostick, P. E., contr., 1st Nat. Bk. Bldg., Birmingham, Ala.  
 Bostick Stove Co., Lapeer, Mich.  
 Bostock, Thos., & Sons, mchsts. & fdrs., Brockton, Mass.  
 Boston Artificial Leather Co., car curtains, Stamford, Conn.  
 Boston Auto Cage Co., fuel level indicators, 8 Waltham, Boston, Mass.  
 Boston Auto Top Co., 100 Massachusetts av., Boston, Mass.  
 Boston Automatic Fire Alarm Co., 141 Milk, Boston, Mass.  
 Boston Bamboo Co., bamboo furn., 117 Portland, Boston, Mass.  
 Boston Belting Co., rubber belting, hose, packing and roller coverings, mfrs., 84 Linden pk., Roxbury, Boston, Mass.  
 Boston Belting Co., packing mfrs., 431 Gravier, New Orleans, La.  
 Boston Blower Co., fan mfrs., Hyde pk., Boston, Mass.  
 Boston Blue Print Co., 12 India, Boston, Mass.  
 Boston Bonnet Wire Co., 38 India, Boston, Mass.  
 Boston Bottling, Wiring & Labeling Co., 23 Wormwood, Boston, Mass.  
 Boston Brass Andiron Co., 104 Utica, Boston, Mass.  
 Boston Brass Co., ball cocks, floats, tank valves & lead traps & "Acme" Sewer valves, mfrs., 135 Bacon, Waltham, Mass.  
*See adv index at end of book.*  
 Boston Brazing Co., 465 Atlantic av., Boston, Mass.  
 Boston Brick Co., Boston, Mass., & Gonie, N. H.  
 Boston Bridge Works, steel bridges & structural steel work, 47 Winter, Boston, Mass.  
 Boston Building Materials Co., 370 Albany, Boston, Mass.  
 Boston Burial Case Co., Somerville, Mass.  
 Boston Casting Co., mchsts. & fdrs., 156 Pearl, Boston, Mass.  
 Boston Chemical Co., disinfectants, 66 Hanover, Boston, Mass.  
 Boston Clip & Tag Co., 40 Sudbury, Boston, Mass.  
 Boston Contracting Co., 49 Medford, Boston, Mass.  
 Boston Copper Works Co., E. Boston, Mass.  
 Boston Corking Mach. Co., boat fenders, 18 Tremont, Boston, Mass.  
 Boston Coupling Co., 156 Pearl, Boston, Mass.  
 Boston Duck Co., canvas & cotton duck, Bondsville, Mass.  
**BOSTON-ECONOMY LAMP DIVISION**, renewed incandescent lamps, "Boston" carbon & "Eagle" tungsten, 128 Maple, Danvers, Mass.  
 Boston Elevated Railway Co., mchsts. & fdrs., 101 Milk, Boston, Mass.  
 Boston Engng. Co., boilers, 308 Atlantic av., Boston, Mass.  
 Boston Engineers' Supply Co., 159 Pearl, Boston, Mass.  
 Boston Excelsior Co., excelsior mfrs., & packing or wrapping pads, 26 Canal, Boston, Mass.  
 Boston Feather Duster Co., 74 Pearl, Boston, Mass.  
 Boston Filter Co., water coolers & filters, Chelsea, Mass.  
 Boston Fire & Police Notification Co., fire alarms, 11 High, Boston, Mass.  
 Boston Food Products Co., canned goods, 16 New, Boston, Mass.  
 Boston Forge Co., E. Boston, Mass.  
 Boston Foundry Co., 210 Border, Boston, Mass.  
 Boston Fountain Pen Co., 319 Washington, Boston, Mass.  
 Boston Galvanizing Wks., 121 W. 1st, Boston, Mass.  
 Boston Gear Works, gears, sprockets, chains & Universal hoists, Norfolk Downs, Quincy, Mass.  
 Boston Gore & Web Co., shoe goring & elastic webbing, Chelsea, Mass.  
 Boston Index Card Co., index cards, guides & vertical file folders, mfrs., 113 Purchase, Boston, Mass.  
 Boston Insulated Wire & Cable Co., Boston, Mass.  
 Boston Iron & Metal Co., scrap iron & steel, Baltimore, Md.  
 Boston Last Co., elec. hgt. & ironing outfits (shoe facty.), 44 Binford, Boston, Mass.  
 Boston Leather Stain Co., 109 Purchase, Boston, Mass.  
 Boston Lightning Rod Co., Old South Bldg., Boston, Mass.  
 Boston & Lockport Block Co., tackle blocks, sheaves, etc., 100 Condor, E. Boston, Mass.



- Boston Lumber Co., 79 Milk, Boston, Mass.  
 Boston Machine Screw Co., screw machine products, 17 Tudor, Cambridge, Mass.  
 Boston Machine Shop Co., Oroville, Cal.  
 Boston Mach. Wks. Co., Lynn, Mass.  
 Boston Mailing Co., 394 Atlantic av., Boston, Mass.  
 Boston Mat & Basket Co., 94 Commercial, Boston, Mass.  
 Boston Metallic Bed Co., 90 Canal, Boston, Mass.  
 Boston Milling Co., flour, South Boston, Va.  
 Boston Mirror Co., 69 Sudbury, Boston, Mass.  
 Boston Nickel Plating Co., 160 Portland, Boston, Mass.  
 Boston Oil & Gasoline Co., lubrg. oils & greases, 24 Piedmont, Boston, Mass.  
 Boston Oil Mill Co., fertilizer mfrs., Boston, Ga.  
 Boston Oregon Mast Co., 131 Coleridge, E. Boston, Mass.  
 Boston Packing Co., meat, Portland, Ore.  
 Boston Paper Mfg. Co., fancy printed, 15 Chardon, Boston, Mass.  
 Boston Paste Co., 12 Medford, Boston, Mass.  
 Boston Piano Supply Co., piano key hammers, B'way, Boston, Mass.  
 Boston Pipe & Fittings Co., steam fitters' supplies, 273 Congress, Boston, Mass.  
 Boston Plate & Window Glass Co., 20 Canal, Boston, Mass.  
 Boston Pocket Book Co., bk. messengers' wallets, 169 Massachusetts av., Boston, Mass.  
 Boston Pressed Metal Co., economical design & production of seamless drawn shapes & specialties to order from brass & steel, 169 Union, Worcester, Mass.  
*See adv index at end of book.*  
 Boston Printing Press & Machy. Co., East Bridgewater, Mass.  
 Boston Roofing Co., cornices & skylights, 6 Beacon, Boston, Mass.  
 Boston Rubber Shoe Co., 101 Milk, Boston, Mass.  
 Boston Sand & Gravel Co., 88 Broad, Boston, Mass.  
 Boston Sash Weight Co., 79 Milk, Boston, Mass.  
 Boston Self-Locking Block Co., Waltham, Mass.  
 Boston Society of Architects, 16 Somerset, Boston, Mass.  
 Boston Spec. Corp., pencil sharpeners, 261 B'way, New York.  
 Boston Steam Specialty Co., 332 A., Boston, Mass.  
 Boston Talking Mach. Co., trouble finders, Cambridge, Mass.  
 Boston Thread Co., Lena & Armat, Philadelphia, Pa.  
 Boston Thread & Twine Co., Boston, Mass.  
 Boston Tow Boat Co., submarine divers, 111 Devonshire, Boston, Mass.  
 Boston Varnish Co., varnish mfrs., Everett, Mass.  
 Boston Willow Furniture Co., Cambridge, Mass.  
 Boston Wire Stitcher Co., machsts., East Greenwich, R. I.  
 Boston Woven Hose & Rubber Co., mechanical rubber goods mfrs., 29 Hampshire, Cambridge, Mass.  
 Boston Woven Wire Brush Co., Lynn, Mass.  
 Boston Wrench Co., 31 State, Boston, Mass.  
 Bostrom-Brady Mfg. Co., levels, Atlanta, Ga.  
 Bostrom, Chas., contractor, 3807 N. Clark, Chicago, Ill.  
 Bostwick-Braun Co., mill & facty. supplies, Toledo, Ohio.  
 Bostwick-Braun Co., wholesale hdwe., Toledo, Ohio.  
 Bostwick Bros., masons' & bldrs.' matls., St. Albans, Vt.  
 Bostwick-Goodell, wooden specialties, Norwalk, Ohio.  
 Bostwick, Harley, & Co., turpentine Lawtrey, Fla.  
 Bostwick, C. G., sheet steel ceilings, ventilator mfrs., etc., Hartford, Conn.  
 Bostwick & Goodell, advtg. novelties, Norwalk, Ohio.  
 Bostwick, J. R. & H. J., pipe joint & roofing cements, Clifton Springs, N. Y.  
 Bostwick, Jas. M. C., babbitt metal, 372 Abbott, Detroit, Mich.  
 Bostwick Steel Lath Co., Niles, Ohio.  
 Boswick, Jas. R., contractor, Portsmouth, Va.  
 Bosworth Bag Co., Memphis, Tenn.  
 Bosworth, F. S., & Son, masons' & bldrs.' matls., Elgin, Ill.  
 Bosworth, F. Hunt, Jr., architect, 597 5th av., New York.  
 Bosworth, Geo. E., contractor, Amherst, Mass.  
 Bosworth, Geo. F., architect, 112 Water, Boston, Mass.  
 Bosworth, M. A., Lumber Co., Vincennes, Ind.  
 Bosworth, Wm. W., architect, 527 5th av., New York.  
 Botany Worsted Mills, machsts., Passaic, N. J.  
 Botdorf, S. & Bro., machsts., Ashland, Ohio.  
 Bothe, J. G., Contr. Co., 1603 N. 18th, St. Louis, Mo.  
 Bothwell & Carson, contractors, 1523 Franklin, Pittsburgh, Pa.  
 Bothwell, J. H., architect, Tyler, Texas.  
 Bothwell, J. L., architect, 3012 Holmes, Dallas, Tex.  
 Botsford, Chas. H., contractor, 1515 Park av., Bridgeport, Conn.  
 Botsford Lbr. Co., Winona, Minn.  
 Bott Bros. Mfg. Co., cooperage stock, Alexandria, Mo.  
 Bottelli, Romolo, architect, 207 Market, Jersey City, N. J.  
 Bottle Capping Mach. Co., 949 B'way, New York.  
 Bottlers' & Mfrs.' Supply Co., 218 E. 37th, New York.  
 Bottom Creek Coal & Coke Co., Vivian, W. Va.  
 Bottomley Machine Co., Alliance, Ohio.  
 Bottoms, Abel, & Sons Co., contractors, 3611 Walnut, Phila., Pa.  
 Botts Marking Ink Co., 330 Pearl, New York.  
 Bottom Valve Co., vacuum valves, 211 W. Schiller, Chicago, Ill.  
 Botwin & Tunick, contractors, 1252 Lick Run, Cincinnati, Ohio.  
 Botzum Bros., masons' & bldrs.' matls., Akron, Ohio.  
 Bouchard, John, & Sons Co., mill & facty. supplies, Nashville, Tenn.  
 Bouchard, Louis C., architect, 64 W. Randolph, Chicago, Ill.  
 Boucher, H. E., Mfg. Co., machsts., 150 Lafayette, New York.  
 Boucher, Jos., brick, 180 Plantation, Worcester, Mass.  
 Boucher, Milton H., mchsts. & fndrs., Meyersdale, Pa.  
 Boucherle, L., & Son, archts., Stambaugh Bldg., Youngstown, O.  
 Boudreaux, L. S., lumber, New Orleans, La.  
 Boughton, C. Frank, machsts., 23 Rose, New York.  
 Boughton Door Co., self-closing fire, electric-operated doors, mfrs., 311 Atlantic av., Boston, Mass.  
 Boughton, Wm., H., architect, 1579 Elmwood, av., Buffalo, N. Y.  
 Bouker Contracting Co., 24 State, New York.  
 Boulden, Wm. M., & Son, iron fdrs., Chester, Pa.  
 Boulder Pressed Brick & Lumber Co., Boulder, Colo.  
 Boulet Fine Tool Wks., Sebago Lake, Me.  
 Boulevard Brass Bed Co., 615 10th av., New York.  
 Boullia-Gorrell Lbr. Co., sashes, doors, etc., Lakeport, N. H.  
 Bound Brook Crushed Stone Co., Bound Brook, N. J.  
 Bound Brook Oil-Less Bearing Co., Bound Brook, N. J.  
 Bounds, G. A., & Co., canned goods, Hebron, Md.  
 Bounty, A. E., Co., masons' & bldrs.' matls., Stamford, Conn.  
 Bour-Davis Motor Car Co., 253 Woodbridge, Detroit, Mich.  
 Bourbon Copper & Brass Works Co., 618 & 620 E. Front, Cincinnati, Ohio.  
 Boureau, H. U., & Co., mchsts. & fndrs., 3302 Ludlow, Phila., Pa.  
 Bourgeois & Beaulien, lumber, Jeanerette, La.  
 Bourke-Rice Envelope Co., 511 W. Jackson bldg., Chicago, Ill.  
 Bourn Rubber Co., insulated wire, shoes, etc., 58 Warren, Providence, R. I.  
 Bourne Brick Mfg. Co., Savannah, Ga.  
 Bourne, Frank A., architect, 70 Kilby, Boston, Mass.  
 Bourne, Jno. R., machsts., Rochester, N. Y.  
 Bourne & Knowles Mfg. Co., nut mfrs., Cleveland, Ohio.  
 Bourne Lumber Co., Savannah, Ga.  
 Bourne Magnetic Truck Co., Sedgley av & 79th, Phila., Pa.  
 Bourne, W. & Son, pianos, Boston, Mass.  
 Bourne, Wm., & Son Piano Co., Needham, Mass.  
 Bourne-Fuller Co., steel structural dealers, Hickon Bldg., Cleveland, Ohio.  
 Bourneuf, Louis, Corp., steam fitters' & plumbers' supplies, Lynn, Mass.  
 Bournique Glass Co., Kokomo, Ind.  
 Bourque & Sears, shoe patterns, Haverhill, Mass.  
 Bourquin Bros., brick, Archbold, Ohio.  
 Bouscarel, G., archt. engrs., City Hall, Cincinnati, Ohio.  
 Bousfield & Co., woodenware mfrs., Bay City, Mich.  
 Bousman Mfg. Co., gasoline strainers, Grand Rapids, Mich.  
 Boutan, Victor, contractor, 1519 Terry, Seattle, Wash.  
 Boutell Mfg. Co., evaporating machy., 558 Lyell, Rochester, N. Y.  
 Bouton, C. H., meat packers, Marathon, N. Y.  
 Boutwell Bros., wholesale hdwe., Lowell, Mass.  
 Boutwell Milling & Grain Co., corn feed & rye flour, Troy, N. Y.  
 Boutwell, Milne & Varnum Co., granite, Barre, Vt.  
 Bouvallet's, P. A., Sons, canned goods, Wichita, Ill.  
 Bouvier, J. C. M., contractor, Woonsocket, R. I.  
 Bovaird & Co., mchsts. & fdrs., Bradford, Pa.  
 Bovaird & Seyfang Mfg. Co., mchsts. & fdrs., Bradford, Pa.  
 Bovaird Supply Co., mill & facty. supplies, Sapulpa, Okla., & Independence, Kans.  
 Bovee Furnace Wks., Waterloo, Ia.  
 Bovers, John A., architect, 2818 Dalton av., St. Louis, Mo.  
 Bovey-Shute Lumber Co., 1210 McKnight, Minneapolis, Minn.  
 Bover & Sons, contractors, 2407 California, San Francisco, Cal.  
 Boward, H. M., & Sons Co., contractors, Black Bldg., Los Angeles, Cal.  
 Bowd, E. A., architect, Lansing, Mich.  
 Bowden Bros., cotton batting, Cedar Grove, N. J.  
 Bowden, Fred'k., masons' & bldrs.' matls., 218 Orange, Newark, N. J.  
 Bowden, Geo. M., contractor, Minerva, Ohio.  
 Bowden Lime Wks., Saingaw, Ala.  
 Bowden, Mills C., contractors, Galveston, Tex.  
 Bowden, Thos., granite prod., New Haven, Conn.  
 Bowden, Thos. J., & Son, lumber, Marblehead, Mass.  
 Bowditch, Arthur H., architect, 44 Bromfield, Boston, Mass.  
 Bowditch, Ernest W., landscape archt., 29 Central, Boston, Mass.  
 Bowditch, Jas. H., landscape archt., Tremont Bldg., Boston, Mass.  
 Bowditch, Walter, masons' & bldrs.' matls., Haines & Baynton, Gtn., Philadelphia, Pa.  
 Bowdle Bros., mchsts. & fndrs., Piqua, Ohio.  
 Bowdle C. F., architect, Piqua, Ohio.  
 Bowdlear, W. H., Co., wax, 69 Broad, Boston, Mass.  
 Bowdon Oil Mills, Bowdon, Ga.  
 Bowdry, H. N., contractor, Jeff. Co. Bk. Bldg., Birmingham, Ala.  
 Bowdry & McKinley Iron Wks., fndrs., Fort Worth, Tex.  
 Bowe, Burke Co., contractors, Duluth, Minn.  
 Bowe Carriage Co., Wilmington, Del.  
 Bowell, C. J., architect, 4218 Dodge, Omaha, Neb.  
 Bowen, C. E., contractor, Canton, Ohio.  
 Bowen & Davis, architects, G-McK. Bldg., Fresno, Cal.  
 Bowen, F. H., machsts., Atlantic City, N. J.  
 Bowen, F. J., architect, St. Anthony Bldg., San Antonio, Tex.  
 Bowen, Howard, architect, 30 N. La Salle, Chicago, Ill.  
 Bowen-Jewell Co., cotton bagging, Jewell, Ga.  
 Bowen, John Co., contractors, 184 Dudley, Boston, Mass.  
 Bowen Mfg. Co., grease cups, 357 Canal, Auburn, N. Y.  
 Bowen-Ramsey Co., contractors, Jacksonville, Fla.  
 Bowen & Ray, fertilizer, Bowman, Ga.  
 Bowen, Richard T., contractor, Atlantic City, N. J.



- Bowen, S. R., Co., machinists, Coalinga, Cal.  
 Bower, C. P., contractor, Roberts & Wayne av. Philadelphia, Pa.  
 Bower & Carper, canned goods, Bedford, Va.  
 Bower, F. C., canned goods, Troutville, Va.  
 Bower, Henry, Chemical Mfg. Co., chemicals, Gray's Ferry rd & 29th, Philadelphia, Pa.  
 Bower, John, Co., meat packers, 24th & Brown, Philadelphia, Pa.  
 Bower Knitting Co., sweaters, etc., Hawley, Pa.  
 Bower, Lee & Son, canned goods, Troutville, Va.  
 Bower Roller Bearing Co., Hart av, nr Mack, Detroit, Mich.  
 Bower, W. Frank, architect, 44 Harrison, East Orange, N. J.  
 Bowers Bros., contractors, Fargo, N. D.  
 Bowers Bros. & Co., heating contrs., 1629 Ludlow, Phila., Pa.  
 Bowers, Chas., contractor, Arcanum, Ohio.  
 Bowers, L. M. & Co., mchsts. & fndrs., Binghamton, N. Y.  
 Bower's Machine Works, Canon, Ga.  
 Bowers & Mower, naval architects, Chestnut & 5th, Phila., Pa.  
 Bowers Pottery Co., Mannington, W. Va.  
 Bowers, R. C., Granite Co., Montpelier, Vt.  
 Bowers, Robt. W., architect, York, Pa.  
 Bowers, Rubber Works, 68 Sacramento, San Francisco, Cal.  
 Bowers, S. P., Co., lbr., 112 N. Broad, Philadelphia, Pa.  
 Bowers Southern Dredging Co., Galveston, Tex.  
 Bowers, U. R., & Sons, floor finish, paint mfrs., etc., Los Angeles, Cal.  
 Bowers, W. A., Heating Co., 484 Market, Milwaukee, Wis.  
 Bowers, Warren, machsts., Chicora, Pa.  
 Bowes, H. W., masons' & bldrs.' matls., Bath, N. Y.  
 Bowes, Jno. J., archt. iron, 203 W. 98th, New York.  
 Bowie County Cotton Oil Co., meal, fertz. mfrs., New Boston, Tex.  
 Bowie Lumber Co., Bowie, La.  
 Bowie Stove Co., Rome, Ga.  
 Bowie Switch Co., Nevada Bank Bldg., San Francisco, Cal.  
 Bowien, Chas. C., sash, door & blind, Red Lodge, Mont.  
 Bowler Bros., trunk mfrs., 11 Columbia, Boston, Mass.  
 Bowler Chemical Co., oxide of iron, etc., 2 Rector, New York.  
 Bowler, F. S., ship bldr., Phippsburg, Me.  
 Bowler Fertilizer Co., 43 Chatham, Boston, Mass., & 60 Trinity pl, New York.  
 Bowler, Torrey Co., marble interior wk., 158 A, Boston, Mass.  
 Bowler Foundry Co., 1688 Columbus rd, Cleveland, Ohio.  
 Bowler & Jones, harness mfrs., Freeport, Ill.  
 Bowler, M. J., carriages, Holyoke, Mass.  
 Bowler, Robt. B., architect, 101 Park av, New York.  
 Bowler, T. J., Hardware Co., 65 E. Lake, Chicago, Ill.  
 Bowles & Bals, mattresses, Corry, Pa.  
 Bowles Bros. Co., flour, Los Angeles, Cal.  
 Bowles Co., mill & facty. & plumbers' supplies—jobbers, Seattle, Wash.  
 Bowles, H., architect, 112 W. 9th, Los Angeles, Cal.  
 Bowling, Andrew, flour mills, Staunton, Va.  
 Bowling Green Mach. Co., Bowling Green, Ky.  
 Bowling Green Milling Co., flour, Bowling Green, Ky.  
 Bowling Green Motor Truck Co., Bowling Green, Ohio.  
 Bowlus Mfg. Co., low down combination water closets, Springfield, Ohio.  
 Bowman, A. W., & Co., wireless instruments, Boston, Mass.  
 Bowman, Ben., contractor, Newport, Ky.  
 Bowman Bros. Co., masons' & bldrs.' matls., McKeesport, Pa.  
 Bowman, C. C., contractor, Bloomington, Ill.  
 Bowman, C. P., Hardware Co., Staunton, Va.  
 Bowman, D. F., Co., waste cotton & wool, New Albany, Ind.  
 Bowman, E. R., hgt. contrs., 3211 Lorain, Cleveland, Ohio.  
 Bowman, F. E., & Co., archts., Comel. Club Bldg., Portland, Ore.  
 Bowman, F. E., & Co., contrs., 272 Stark, Portland, Ore.  
 Bowman, Geo. A., mill & facty. supplies, Utica, N. Y.  
 Bowman, Geo. H., Co., aluminum ware, etc., 224 Euclid av, Cleveland, Ohio.  
 Bowman, I., canned goods, Boone Mill, Va.  
 Bowman Lumber Co., Williamsport, Pa., & St. Albans, W. Va.  
 Bowman, M. K.-Edson Co., contractors, tools & supplies, 64 Dey, New York.  
 Bowman, Paul G., machsts., Bellefontaine, Ohio.  
 Bowman, S. H., lbr. Co., 1121 Lbr. Ex., Minneapolis, Minn.  
 Bowman, Sidney B., Auto Co., 225 W. 49th, New York.  
 Bowman Supply & Mfg. Co., plumbers' & mill & facty. supplies, 890 Main, Pittsburgh, Pa.  
 Bowman Technical School, engng., Lancaster, Pa.  
 Bowman, W. N., architect, Central Savings Bk., Denver, Colo.  
 Bowman, Walker, chemical engineer, 39 Cortlandt, New York.  
 Bowman, Wm., scrap iron, 1325 Eastern av, Baltimore, Md.  
 Bowman's, Ezra F., Sons, mchsts. & fndrs., Lancaster, Pa.  
 Bowman-Blackman Machine Tool Co., machy. dealers, 1513 N. R'way, St. Louis, Mo.  
 Bowman-Edson Co., mill & facty. supplies, 64 Dey, New York.  
 Bowman-Hicks Lumber Co., Kansas City, Mo.  
 Bown, Geo. G., & Sons, carriages, Fairport, N. Y.  
 Bowning, Wm. J., lbr. mfrs., Salisbury, Md.  
 Bowser, R. M., & Son, display racks, Renfrew, Pa.  
 Bowser, S. F., & Co., oil tanks & pumps, Fort Wayne, Ind.  
 Bowser Sanitary Mfg. Co., water closets, Lafayette, Ind.  
 Bowsher, N. P., Co., machinery specialties, South Bend, Ind.  
 Bowstead, Henry G., architect, Marion, Ind.  
 Bowyer, O. M., mchsts. & fndrs., Fincastle, Va.  
 Box, Albert K., music cabinets, Pulaski, N. Y.  
 Box, Alfred, & Co., cranes, hoists, etc., Front, Poplar & Canal, Philadelphia, Pa.  
 Boxall, Geo. W., contractor, Montclair, N. J.  
 Boxill & Bruel Machy. Co., cylinder grinders, Cincinnati, Ohio.  
 Boxton, Geo. W., & Son, contractors, Hearst Bldg., San Francisco, Cal.  
 Boyajohn-Arnold Co., contractors, Panama Bldg., Portland, Ore.  
 Boyce, Alex. R., machsts., ft. Front, Long Island City, N. Y.  
 Boyce Cotton Oil & Mfg. Co., Ltd., Boyce, La.  
 Boyce Hardware Co., Port Huron, Mich. & Wellsville, N. Y.  
 Boyce Lumber & Realty Co., Boyce, Ga.  
 Boyce, Myron J., models, gas regulators, 1 Bethune, New York.  
 Boyce, W. E., Bldg. & Mfg. Co., 1153 Wells, Chicago, Ill.  
 Boyd & Berry, contractors, 11 Crampion Way, Boston, Mass.  
 Boyd, C., Paper Co., Appleton, Wis.  
 Boyd, Caleb B., stone, Morgantown, W. Va.  
 Boyd, Chas. C., & Co., lumber mfrs., Glenn Bldg., Cincinnati, O.  
 Boyd & Cook, contractors, Reibold Bldg., Dayton, O.  
 Boyd, D. Knickerbocker, architect, 139 S. 15th, Philadelphia, Pa.  
 Boyd, Douglas & Co., fertilizer, Griffin, Ga.  
 Boyd, F. O., & Co., alcohol, 433 Washington, New York.  
 Boyd, F. Shirley, auto. springs, 903 Boylston, Boston, Mass.  
 Boyd, Fred., Co., masons' & bldrs.' matls., Seattle, Wash.  
 Boyd, Harry C., contractor, Coraopolis, Pa.  
 Boyd & Harvey Co., ties, poles, etc., Augusta, Me.  
 Boyd, J. S., Co., velvets, Williamstown, Mass.  
 Boyd, Jas., candles, 408 W. 26th, New York.  
 Boyd, Jas. & Bro., hose & fire couplings, 25th & Wharton, Philadelphia, Pa.  
 Boyd, Jno., Plumbing & H'tg Co., 284 Columbus av, New York.  
 Boyd, John T., Jr., architect, 15 E. 40th, New York.  
 Boyd, James, & Bro., fire dept. supplies, 25th & Wharton, Philadelphia, Pa.  
 Boyd, Lawrence V., architect, Harrison Bldg., Philadelphia, Pa.  
 Boyd, Lunham & Co., meat packers, 208 S. La Salle, Chicago, Ill.  
 Boyd, Paul L., architect, 1118 Chestnut, Philadelphia, Pa.  
 Boyd & Saucer, turpentine, Baldwin, Fla.  
 Boyd & Schafer, masons' & bldrs.' matls., Erie, Pa.  
 Boyd & Stewart, architects, Century Bldg., Pittsburgh, Pa.  
 Boyd, W. E., mchsts. & fndrs., Queen City, Texas.  
 Boyd, Wm., Jr., architect, Vandergrift Bldg., Pittsburgh, Pa.  
 Boyd, Wm. S., architect, 203 W. 14th, New York.  
 Boydel Bros. White Lead & Color Co., Detroit, Mich.  
 Boyden, Ernest N., architect, 85 Water, Boston, Mass.  
 Boye & Emmes Machine Tool Co., Spring Grove av, Cincinnati, O.  
 Boyer, A., Broom Co., Galesburg, Ill.  
 Boyer-Campbell Co., mill & facty. supplies, Congress & Brush, Detroit, Mich.  
 Boyer, E. W., architect, Ferguson Bldg., Pittsburgh, Pa.  
 Boyer, Geo. H., architect, Lebanon, Pa.  
 Boyer, J. Frank Co., hgt. contrs., Norristown, Pa.  
 Boyer, Lynn H., architect, Wildwood, N. Y.  
 Boyer, Mahlon H., lumber, Pine Grove, Pa.  
 Boyer & Rogers, architects, Pocatello, Idaho.  
 Boyer, W. C., & Son, architects, Higginsville, Mo.  
 Boyer, W. W., & Co., canned goods, 2327 Boston, Baltimore, Md.  
 Boyers & Baldwin, machsts. & fndrs., Los Angeles, Cal.  
 Boyertown Burial Casket Co., Boyertown, Pa.  
 Boyes, Hulshizer & Co., flour, Seward, Neb.  
 Boylan, Wm. H., architect, 390 George, New Brunswick, N. J.  
 Boyland, Jno. P., architect, 2526 Webster av, New York.  
 Boyle, A. S. Co., paint & varnish remover, 1934 Dana Evan, Cincinnati, Ohio.  
 Boyle Bros., machsts. & fndrs., Woodward, Okla.  
 Boyle Can Co., Maryland Trust Bldg., Baltimore, Md.  
 Boyle, Frank, & Sons, contractors, 154 E. 40th, New York.  
 Boyle, Harry C., & Co., architects, Evansville, Ind.  
 Boyle, J., & Co., canned goods, Wolfe & Thames, Baltimore, Md.  
 Boyle, Jas., cattle stanchions, Salem, Ohio.  
 Boyle, Jas. A., architect, 367 Fulton, Brooklyn, N. Y., & Bennett Bldg., Wilkes-Barre, Pa.  
 Boyle, Jas. W., contractor, Freeland, Pa.  
 Boyle, John, & Co., mchsts. & fndrs., Peabody, Mass.  
 Boyle, Jno., Co., mural decorators, New Britain, Conn.  
 Boyle, John, & Co., canvas roofing & tents, etc., 112 Duane, New York.  
 Boyle, John F., Co., paper & pulp mills, 500 Montgomery, Jersey City, N. J.  
 Boyle, P. J., mach. & fdr., Mangum, Okla.  
 Boyle-Robertson Constr. Co., 1516 H. N. W., Washington, D. C.  
 Boyle, Thos., cornices, La Salle, Ill.  
 Boyle, Thos., stone, 174 Riverside av, Newark, N. J.  
 Boylston Mfg. Co., shoe machy., 251 A, Boston, Mass.  
 Boylston Steam Specialty Co., pressure regulators, 116 W. Illinois, Chicago, Ill.  
 Boyne City Chemical Co., wood alcohol, Boyne City, Mich.  
 Boyne City Lumber Co., Boyne City, Mich.  
 Boynton, Chas. E., architect, Limerick, Me.  
 Boynton & Church, contractors, Merchants National Bk. Bldg., St. Paul, Minn.  
 Boynton & Co., mouldings, wood turnings, etc., 1725 Dickson, Chicago, Ill.  
 Boynton Furnace Co., mchsts. & fndrs., 106 W. 37th, New York.  
 Boynton, H. R., Co., mill & facty. & plumbers' supplies, 216 N. Los Angeles, Los Angeles, Cal.  
 Boynton, John H., parquet floors, Flatiron Bldg., New York.



- Boynton Land & Lbr. Co., 915 Olive, St. Louis, Mo.  
 Boynton, Louis H., architect, Ann Arbor, Mich.  
 Boyt, Walter, Saddlery Co., Des Moines, Ia.  
 Boyts, Porter, & Co., machsts. & fdrs., Connellsville, Pa.  
 Bozarth Lbr. Co., Egg Harbor City, N. J.  
 Bozman, C. W., & Son, canned goods, Eden, Md.  
 Bozeman Milling Co., flour, Bozeman, Montana.  
 Bpolz-McBride Cooperage Co., Bk. of Commerce, St. Louis, Mo.  
 Braas Bros. Co., contractors, Niagara Falls, N. Y.  
 Braasch, Walter, contrs., Manitowoc, Wis.  
 Braband, Frank J. E., architect, 901 Wrightwood av, Chicago, Ill.  
 Brabant, Gifford, architect, 332 S. Dearborn, Chicago, Ill.  
 Brabson Bros., mchsts. & fndrs., hdwe. mfrs., 47 Hamilton, New-ark, N. J.  
 Brace, A. E., Constr. Co., Gloversville, N. Y.  
 Brace & Hergert Mill Co., lumber mfrs., Seattle, Wash.  
 Brace Leather Goods Co., auto. straps, Pontiac, Mich.  
 Brace, Leonard W., architect, Flint, Mich.  
 Brach, L. S., Supply Co., elec. R. R. supplies, etc., 143 Liberty, New York.  
 Bracher Co., stones, razor hones, whetstones, Belleville, N. J.  
 Brackbill, T. L., carriages, Strasburg, Pa.  
 Brackett Bridge Co., steel struct. wk., First Nat. Bank Bldg., Cincinnati, Ohio.  
 Brackett Construction Co., 1st Nat. Bk. Bldg., Cincinnati, Ohio.  
 Brackett, H. F., & Co., scrap iron & steel, 77 Newman, Boston, Mass.  
 Brackett, J. L. & Co., trunk mfrs., Portland, Me.  
 Brackett, Josiah, & Son, Sumac, 134 Summer, Boston, Mass.  
 Brackett, S. S., lbr. mfrs., Greenland, N. H.  
 Brackett, Shaw & Lunt Co., machsts. & fdrs., Somersworth, N. H.  
 Brackney, C. C., architect, Knoxville, Tenn.  
 Bradbury Bros., hgt. contrs., Denver, Colorado.  
 Bradbury, Eugene, architect, Charlottesville, Va.  
 Bradbury, Edwin H., contr., Sheldley Bldg., Kansas City, Mo.  
 Bradbury, Frank, & Son, paving blacks—aspalt, West Franklin, Me.  
 Bradbury Marble Co., 4165 Duncan, St. Louis, Mo.  
 Braddock Lumber Co., Braddock, Pa.  
 Braddock Manufacturing Co., machsts. & fdrs., Braddock, Pa.  
 Braden, A. R., lumber, Clarington, Pa.  
 Braden Mfg. Co., conductor pipe mfrs., cornices, Terre Haute, Ind.  
 Bradentown Hardware Co., Bradentown, Fla.  
 Bradford Belting Co., Walnut & 2nd, Cincinnati, O.  
 Bradford Co., importer of aluminum products, 200 5th av, New York.  
 Bradford & Deruchie, cornices, 439 E. Water, Syracuse, N. Y.  
 Bradford Fireproofing Co., Bradford, Pa.  
 Bradford, G. M., pkg. box mfrs., Williamsburg, Mass.  
 Bradford Hdw. Lbr. Co., Bradford, Pa.  
 Bradford-Hicks Lumber Co., Shreveport, La.  
 Bradford, J. W., architect, Fort Dodge, Ia.  
 Bradford, James, Co., paints, 8 E 3d, Wilmington, Del.  
 Bradford, Jos. N., architect, Brown Hall, O. S. U., Columbus, O.  
 Bradford-Kees Lbr. Co. (Ltd.), Lofton, La.  
 Bradford-Kennedy Co., lumber, Omaha, Neb.  
 Bradford, Kyle & Co., wire, Plymouth, Mass.  
 Bradford, Louis, Lumber Co., South Omaha, Neb.  
 Bradford Machine Tool Co., 657 Evans, Cincinnati, Ohio.  
 Bradford Milling Co., flour, Bradford, Tenn.  
 Bradford Motor Wks., mchsts. & fdrs., Bradford, Pa.  
 Bradford Pressed Brick Co., Bradford, Pa.  
 Bradford, R. E., auto gloves, Gloversville, N. Y.  
 Bradford Soap Wks., Hughesdale, R. I.  
 Bradford Supply Co., oil well supplies, Bradford, Pa.  
 Bradford, Thos., machsts., Danielson, Conn.  
 Bradford, W. W., canned goods, Bel Air, Md.  
 Bradford Wool Comb Co., machsts., 2630 Mascher, Phila., Pa.  
 Bradford & Co., advtg. nov. & spec., St. Joseph, Mich.  
 Bradl, Frank, cornices & skylights, Ludington, Mich.  
 Bradlee & Chatman Co., machsts. & fndrs., 54 Canal, Boston, Mass.  
 Bradlee & Co., chain mfrs., 726 Richmond, Philadelphia, Pa.  
 Bradley, A. J., Mfg. Co., stencil inks, paper, etc., 101 Beekman, New York.  
 Bradley Brick Co., Mooresville, Ind.  
 Bradley, C. C., & Son, power hammers, etc., Syracuse, N. Y.  
 Bradley, C. E., Motor Co., spark plugs, 268 Diamond, Phila., Pa.  
 Bradley, Chas. C., architect, 815 Chestnut, St. Louis, Mo.  
 Bradley, Chas. S., canned goods, Preston, Md.  
 Bradley, Chas. S., & Sons, metallurgical engrs., 41 Park Row, New York.  
 Bradley Co., cornices, New Haven, Conn.  
 Bradley Co., lumber, Tomahawk, Wis.  
 Bradley Contracting Co., 1 Madison av, New York.  
 Bradley, D. M., ties, poles, Hagan, Ga.  
 Bradley, David, Machine Works, malleable & steel castings, Bradley, Ill.  
 Bradley, Edw. & Co., patterns & models, 40 Clifford, Providence, R. I.  
 Bradley & Farnham, can openers, locks, catches, etc., Middlefield, Conn.  
 Bradley, G. W., Axe & Tool Mfg. Co., Newburgh, N. Y.  
 Bradley Gin Saw Files Co., Dallas, Tex.  
 Bradley, H. C., machsts., Bridgeport, Conn.  
 Bradley, H. S., architect, 756 S. B'way, Los Angeles, Cal.  
 Bradley Heating Co., 3834 Olive, St. Louis, Mo.  
 Bradley & Hubbard Mfg. Co., mchsts. & fdrs., electric & gas light fixtures, Meriden, Conn.  
 Bradley Iron Wks., rust-proofing, 37 Ferris, Brooklyn, N. Y.  
 Bradley, John, tubular boilers, 304 Ferry, Newark, N. J.  
 Bradley, John C., contractor, Corning, N. Y.  
 Bradley Knitting Co., sweaters, cardigans, Delavan, Wis.  
 Bradley Lumber Co., Warren, Ark.  
 Bradley, Merriam & Smith, machsts., Council Bluffs, Iowa.  
 Bradley, Miller & Co., lbr. mfrs., Bay City, Mich.  
 Bradley, Milton, Co., toys, games & nov., Springfield, Mass.  
 Bradley, N. B. & Sons, salt mfrs., Bay City, Mich.  
 Bradley, Osgood, Car Co., car axles, bldrs, wheels, etc., Worcester, Mass.  
 Bradley, P. & Sons, agricultural implements, Harrisburg, Va.  
 Bradley, Perry, machinist, Oberlin, Kans.  
 Bradley Polytechnic Institute, engng. schools & coll., Peoria, Ill.  
 Bradley Pulverizer Co., machy., 92 State, Boston, Mass.  
 Bradley, S. M., lumber, Morehead, Ky.  
 Bradley & Smith, mill brushes, etc., 251 Pearl, New York.  
 Bradley Stencil Mach. Co., 3727 Forest pk blvd, St. Louis, Mo.  
 Bradley, Thos. H., mill & facty. supplies, Watertown, N. Y.  
 Bradley Timber & Ry. Supply Co., Duluth, Minn.  
 Bradley & Vrooman Co., paints, enamels, etc., 2632 S. Dearborn, Chicago, Ill.  
 Bradley, W. B., Constr. Co., Richmond, Va.  
 Bradley, W. C. Co., fertilizer, Columbus, Ga.  
 Bradley, Walter T. Co., lime mfrs., 9th & Thompson, Phila., Pa.  
 Bradley, Wm. & Son, stone producers, 547 Vernon av, Long Island City, N. Y.  
 Bradshaw, C. B., architect, Orange, Cal.  
 Bradshaw & Co., brick, tile, Fort Dodge, Ia.  
 Bradshaw, Preston J., architect, Inter'l Life Bldg., St. Louis, Mo.  
 Bradstreet, Wm. H., plate glass, 165 S. Pearl, Albany, N. Y.  
 Bradt, Henry J., contractor, Jackson, Mich.  
 Bradt Paint Specialty Co., Troy, N. Y.  
 Bradway, C. P., Machine Wks., West Stafford, Conn.  
 Bradway Novelty Co., soap bubblers, 1 N. B'way, New York.  
 Brady, A. J., contractor, Marion, O.  
 Brady, A. P., contr., Humboldt Bk. Bldg., San Francisco, Cal.  
 Brady, Albert I., architect, 15 Broad, New York.  
 Brady Brass Co., mchsts. & fndrs., 170 14th, Jersey City, N. J.  
 Brady Bros., contractors, Bayonne, N. J.  
 Brady Bros., lbr. mfrs., Tonawanda, N. Y.  
 Brady & Co., heating contrs., 120 Curtis, Chicago, Ill.  
 Brady, Edward, & Son, contrs., 1113 Cathedral, Baltimore, Md.  
 Brady Elec. Mfg. Co., New Britain, Conn.  
 Brady & Fitzpatrick, contractors, Troy, N. Y.  
 Brady, Harold B., architect, 29 Academy, Jersey City, N. J.  
 Brady, Jas., masons' & bldrs., mat'ls., Lansdale, Pa.  
 Brady, Jas. A., Fdry. Co., 35th & Ashland av, Chicago, Ill.  
 Brady, Jas. B., Co., crushed stone, 525 E. 118th, New York.  
 Brady, John T., & Co., contractors, 193 Park av, New York.  
 Brady, Jos. L., architect, Keokuk, Ia.  
 Brady, R. H., contractor, Wilmington, N. C.  
 Brady & Risher Pattern Wks., Waterloo, Iowa.  
 Brady, S. D., architect, Franklin, Pa.  
 Brady, W. B., Const. Co., 111 W. Washington, Chicago, Ill.  
 Brady, Wm. M., architect, 15 Alexander av, Yonkers, N. Y.  
 Brady's, Jas., Sons Co., contractors, Bayonne, N. J.  
 Braeburn Steel Co., Braeburn, Pa.  
 Braecklein, J. G., archt., Massachusetts Bldg., Kansas City, Mo.  
 Braender Bldg. & Constr. Co., 315 4th av, New York.  
 Braender, Philip, cellar drainers, 315 4th av, New York.  
 Braender Rubber & Tire Co., Rutherford, N. J.  
 Bragaw Fertilizer Co., Washington, N. C.  
 Bragdon, Claude F., architect, Cutler Bldg., Rochester, N. Y.  
 Bragdon, L. C., granite prod., Franklin & North Sullivan, Me.  
 Bragdon, Louis G., contractor, West Medford, Mass.  
 Brager, B. & Sons, garment hangers, display racks, 84 5th av, New York.  
 Bragg, Jno. I., machsts., 24 Atwood, Providence, R. I.  
 Bragg, N. H., & Sons, wholesale hdwe., Bangor, Me.  
 Bragger, J. J., fndrs., Watertown, N. Y.  
 Braggins, John H., & Sons, cornices, Erie, Pa.  
 Bragonier, A. C., & Son, lubrg. oils, 343 N. Calvert, Balto., Md.  
 Bragstad Concrete Machy. Co., Canton, S. D.  
 Bragstad, Jos. W., architect, Davidson Bldg., Sioux City, Ia.  
 Braid Electric Co., mchsts. & fdrs., Nashville, Tenn.  
 Brainerd Bros., meat packers, 15 Eych. pl, Jersey City, N. J.  
 Brainerd Crusher-Pulverizer Co., Old Colony Bldg., Chicago, Ill.  
 Brainerd & Wilson Co., sliding furn. shoes, Danbury, Conn.  
 Brainerd & Armstrong Co., silk thread, New London, Conn.  
 Brainerd & Leeds, architects, 89 Franklin, Boston, Mass.  
 Brainerd, Shaler & Hall Quarry Co., stone producers, Portland, Conn.  
 Brainerd, Wm. L., architect, Paducah, Ky.  
 Braintree Rubber Cement Co., S. Braintree, Mass.  
 Braithwaite, C. W., Co., label & paint mfrs., 313 So. Canal, Chicago, Ill.  
 Braithwaite, J. C., canned goods, Cross Junction, Va.  
 Braithwaite, Jesse, architect, Spanish Fork, Utah.  
 Brakeley, A., canned goods, Bordenstown, N. J.  
 Brakeley, J., canned goods, Freehold, N. J.  
 Brakeman, Harvey, architect, Franklin, Pa.



- Braman, Dow & Co., mill & facty. supplies, 239 Causeway, Boston, Mass.
- Braman Mfg. Co., wood nov., Carthage, N. Y.
- Brambach Piano Co., 643 W. 49th, New York.
- Bramble, James A., canned goods, Joppa, Md.
- Bramble, T. M., & Co., canned goods, Cambridge, Md.
- Bramblet & Huseman, architects, Oklahoma Bldg., Oklahoma City, Okla.
- Bramcote Fdry. & Mach. Co., Pottstown, Pa.
- Bramer, E. L., contractor, Lyons, N. Y.
- Bramhall-Deane Co., cooking app., 261 W. 36th, New York.
- Bramlage, Louis, lbr., Hamburg, Ind.
- Brammer, H. F., Mfg. Co., machsts. & fndrs., Davenport, Ia.
- Branagan, Jas. M., electric & gas light fixtures, 537 W. Erie, Philadelphia, Pa.
- Branch Saw Co., 3000 N. B'way, St. Louis, Mo.
- Brand, August, carriages, Springfield, Ill.
- Brand-Dunwoody Milling Co., flour, Joplin, Mo.
- Brand, Gustave A., & Co., leaded glass, 1428 Michigan av, Chicago, Ill.
- Brand & Hardin Milling Co., flour, Saginaw, Mich.
- Brand, Herman, bone dealer, 404 E. 48th, New York.
- Brand & Herrman, electro plating, 247 Centre, New York.
- Brand, John T., stone producers, Lithonia, Ga.
- Brand & Newmeyer Granite Co., Lithonia, Ga.
- Brand, S. H., Co., mill & facty. supplies, 559 W. Lake, Chicago, Ill.
- Brand Stove Co., 319 6th, Milwaukee, Wis.
- Brand, William F., flour mills, Staunton, Va.
- Brandano, Daniel, contractor, Malden, Boston, Mass.
- Brandau Shoe Co., 89 Sherman, Detroit, Mich.
- Brandeis Machinery & Supply Co., contractors' tools & supplies, 331 W. Main, Louisville, Ky.
- Brandes, C., wireless tel. instruments, 32 Union sq., New York.
- Brandes, Carl, machinist, 1323 Otto, Chicago, Ill.
- Brandenburg Cobbling Supply Co., 159 W. Grand av, Chicago, Ill.
- Brandenburg, E. G., Construction Co., Temple ct., Minneapolis, Minn.
- Brandin, Wm., architect, 55 Vanderveer av, Brooklyn, N. Y.
- Brandis & Sons' Mfg. Co., engng. & surveying instruments, 754 Lexington av, Brooklyn, N. Y.
- Brandis, Wm., cornices, 3109 Reading rd, Cincinnati, Ohio.
- Brandner, Jos. T., architect, 235 N. Broad, Chicago, Ill.
- Brandner, L. T., architect, U. S. Yards, Chicago, Ill.
- Brandon, D. F., contractor, Chattanooga, Tenn.
- Brandon, D. S., brick, Huntsville, Ala.
- Brandon, Isaac, & Bro., crude rubber, 17 Battery pl, New York.
- Brandon Lime & Marble Co., Leicester Junction, Vt.
- Brandon Lumber Co., Auburn, Ind.
- Brandon Marble Co., Brandon, Vt.
- Brandon Mills, cotton sheetings, Greenville, S. C.
- Brandsville Canning & Preserving Co., Brandsville, Mo.
- Brandt, A. H., machsts. & fndrs., Carmi, Ill.
- Brandt, A., Upholstering Co., bed springs, Fort Worth, Tex.
- Brandt, Berkley, architect, 30 N. Michigan av, Chicago, Ill.
- Brandt Bros., cornices & skylights, Spokane, Wash.
- Brandt, C. H. W., chicory mfrs., Stockton, Cal.
- Brandt Cashier Co., adding machines, 727 S. Dearborn, Chicago, Ill.
- Brandt, Christian W., architect, Kresge Bldg., Detroit, Mich.
- Brandt Clay Products Co., drain tile, Binghamton, N. Y.
- Brandt-Dent Co., machsts. & fndrs., Watertown, Wis.
- Brandt, Harry, Constr. Co., Seattle, Wash.
- Brandt, J. M., machst. & fndr., Bellevue, Ia.
- Brandt, John, architect, 271 W. 125th, New York.
- Brandt, Louis, architect, 1900 Euclid av, Cleveland, Ohio.
- Brandt Mfg. Co., spray pumps, 310 3rd av, N., Minneapolis, Minn.
- Brandt, Randolph, gum gaskets; packing mfrs.; pump valves, 70 Cortlandt, New York.
- Brandt & Stevens, contractors, Hearst Bldg., San Francisco, Cal.
- Brandt, W. H., & Co., masons' & bldrs.' matls., 3015 Walnut, Milwaukee, Wis.
- Brandt, Wm. J., sweaters, 41 W. 21st, New York.
- Brandywine Fibre Products Co., 815 Shipley, E. Wilmington, Del.
- Brantzky, N. Thos., architect, 54 W. Randolph, Chicago, Ill.
- Brann & Stuart Co., contractors, Commer. Trust Bldg., Philadelphia, Pa.
- Branner, John K., architect, 519 California, San Francisco, Cal.
- Branning Mfg. Co., lbr., Edenton, N. C.
- Brannon, Chas. W., architect, 17 E. Cannon, Dayton, Ohio.
- Brannon, W. A., Co., fertilizer, Moreland, Ga.
- Brannum-Keene Lbr. Co., sash, door & blind mfrs., Indianapolis, Ind.
- Brannum Lumber Co., Alexandria, Ind.
- Branson, A. L., brick, Marlin, Tex.
- Bransford, G. H., & Son, brick, Fulton, Ky.
- Branson & Griswold Hdwe. Co., Trinidad, Colo.
- Bransford Mills, flour, Owensboro, Ky.
- Bransford, T. L., & Sons, brick, common, Union City, Tenn.
- Brant, A. A., Lumber Co., Toms River, N. J.
- Brant & Apple Co., ties, poles & posts, Lucasville, Ohio.
- Brant, W. H., & Co., masons' & bldrs.' matls., 3015 Walnut, Milwaukee, Wis.
- Branthoover & Johnston Co., mill & facty. supp., Cambridge, O.
- Brantley & Doby, granite producers, Lithonia, Ga.
- Brantley, W. L., lumber, Sylvania, Ga.
- Branyon, M. L., & Bro., masons' & bldrs.' matls., Mansfield, Ohio.
- Brasco Mfg. Co., brass door guards, thresholds, bank railings, copper store fronts, 1451 S. Michigan av, Chicago, Ill.
- Brashear-Burns Co., contractors, 210 W. 7th, Los Angeles, Cal.
- Brasher, H. D., Lbr. Co., Columbus, Ohio.
- Brass & Bronze Orna. Art Mfg. Co., elec. light fix. mfrs., 1061 Mission, San Francisco, Cal.
- Brass City Lbr. Co., sash, dor & blind mfrs., Waterbury, Conn.
- Brass Fixtures Co., elec. light fix. mfrs., Southington, Conn.
- Brass Fndrs. Supply Co., Hamburg pl, Newark, N. Y.
- Brass Fdry. Co., Peoria, Ill.
- Brass Goods Mfg. Co., 533 Union, Brooklyn, N. Y.
- Brass Goods Mfg. Co., 107 Lafayette, New York.
- Brass Spec. Co., desk sets, 1645 N. 10th, Philadelphia, Pa.
- Brass World & Plasterer's Guide, trade publication, 55 Duane, New York.
- Brasart Fixture Co., elec. & gas light fixtures, 13 Laight, New York.
- Braswell, S. G., flour mills, Boma, Tenn.
- Brattain, E. C., lumber, Lena, Ind.
- Braucher, Ernest, architect, 6 N. Clark, Chicago, Ill.
- Braudy, M., & Sons, mill & facty. supplies, Grand Rapids, Mich.
- Brauer, A. G., Supply Co., machsts., 316 W. 3rd, St. Louis, Mo.
- Brauer Acetylene Lighting Co., Marshalltown, Ia.
- Brauer Bros. Mfg. Co., sporting goods, 204 N. 14th, St. Louis, Mo.
- Brauer, Justus, & Son, life preservers, 129 Arch, Phila., Pa.
- Braum, R. C., jewelry cases, 36 Maiden la, New York.
- Braumuller Piano Co., 626 W. 43d, New York.
- Braun Bros., common brick, Cassville, Wis.
- Braun Bros. & Co., lumber, Athens, Wis.
- Braun, Chas., architect, 459 41st, Brooklyn, N. Y.
- Braun, Chris., contractor, Dubuque, Ia.
- Braun Corporation, machinery, Los Angeles, Cal.
- Braun, D. J., Mfg. Co., machsts. & fndrs., 668 W. Washington blvd, Chicago, Ill.
- Braun Electric Mfg. Co., motors, Dover, Ohio.
- Braun, Frank, architect, 585 9th av, Astoria, N. Y.
- Braun, Geo. H., architect, Sun Bldg., Detroit, Mich.
- Braun & Howe, masons' & bldrs.' matls., 66 Huron, Brooklyn, N. Y.
- Braun, J. G., ornamental iron work, 609 So. Paulina, Chicago, Ill.
- Braun, J. M., contractor, Sheboygan, Wis.
- Braun, J., & Sons, machsts. & fndrs., 1615 N. 23d, Phila., Pa.
- Braun-Knecht-Heimann Co., chemicals, 576 Mission, San Francisco, Cal.
- Braun Machine Works, gears, cut, 1321 Gates av, Brooklyn, N. Y.
- Braun, Wm. P. M., & Son, Inc., dowel mfrs., 30 Warren av, Portland, Me.
- Braun, Wm. T., architect, 189 W. Madison, Chicago, Ill.
- Braunfels, Browning & Co., mill & facty. supplies, 1940 Park av, New York.
- Braunschweiger Bros., machinists, Toledo, Ohio.
- Braunsdorf, Geo. W., paper, fibre & felt washers, 430 E. 53d, New York.
- Braunsdorf, John H., machinist, Pearl River, N. Y.
- Braunsdorf-Mueller, machinists, Elizabeth, N. J.
- Braunfels, Browning & Co., 1940 Park av, New York.
- Braunstein, Philip, hair pins, 10 E. 14th, New York.
- Braunton, Harold, contractor, 180 Jessie, San Francisco, Cal.
- Braunton & Leibert, architects, Two-Republics Life Bldg., El Paso, Tex.
- Brawley, T. R., felt washers, gaskets, etc., 85 Adams, Brooklyn, N. Y.
- Braxmar, C. G., Co., fire trumpets, badges, etc., 10 Maiden la, New York.
- Bray Bros., masons' & bldrs.' matls., Terre Haute, Ind.
- Bray, G. H., contractor, Atlanta, Ga.
- Bray, J. N., Lumber Co., Cecil, Ga.
- Bray, J., Slate Co., roofing & burial vault mfrs., Lock Box 11, E. Banger, Pa.
- Bray & Kates Co., cans, Arlington Heights, Ill.
- Bray & Lukens Co., masons' & bldrs.' matls., 861 E. Eagle, Buffalo, N. Y.
- Bray, W. T., architect, Fidelity Bldg., Duluth, Minn.
- Bray, Wm., architect, Tucson, Ariz.
- Brayer Bros., contractors, Smith Blk., Auburn, N. Y.
- Brayer, Wm., machsts. & fndrs., South Haven, Mich.
- Brayton Engineering Co., Pittock Blk., Portland, Ore.
- Brayton Mfg. Co., lantern slides, 6 N. Mich. av, Chicago, Ill.
- Brayton, L., Fndry. Co., River Point, R. I.
- Brazel Novelty Mfg. Co., advtg. nov., 1710 Ella, Cincinnati, O.
- Brazelton-Pryor & Co., masons' & bldrs.' matls., Waco, Tex.
- Brazer, Clarence W., architect, 1133 Broadway, New York.
- Brazil Clay Co., Brazil, Ind.
- Brazil & Drago, architects, 62 State, Rochester, N. Y.
- Brazil Face Brick Co., Brazil, Ind.
- Brazil Hollow Brick & Tile Co., Brazil, Ind.
- Brazil L'br. Co., Brazil, Ind.
- Brazil Mach. & Fdry. Co., Brazil, Ind.
- Brazil Stamping & Mfg. Co., pressed steel specialties, Brazil, Ind.
- Brazilian Turpentine Co. (Ltd.), Glenshaw, Pa.
- Brazillian, James A., architect, Chelsea, Mass.
- Brazos, A., & Sons, contractors, Middletown, Conn.



- Brazos, Frank, contractor, 808 Elm. New Haven, Conn.  
 Brazos Packing Co., meat, Waco, Tex.  
 Brazos Valley Cotton Mills, West, Tex.  
 Breathwaite, Thos., knitted gloves, Vineland, N. J.  
 Breathwaite, Wm., sweaters, etc., 4931 Gtn. av. Gtn., Phila., Pa.  
 Breakwater Co., crushed stone, Cleveland, Ohio.  
 Brear, S. D., & Son, tubular boilers, Tacoma, Wash.  
 Brearley, H. P., machy. dlrs., 90 West, New York.  
 Breault, Geo., contractor, Woonsocket, R. I.  
 Breault, M., Co., box shooks, Cohoes, N. Y.  
 Breaux Bridge Brick & Milling Co., Ltd., Breaux Bridge, La.  
 Breaznell, J. H., battery connectors, 26 Court, Brooklyn, N. Y.  
 Brecher, E. A., & Co., carbon paper, etc., 119 Lafayette, New York.  
 Brecht Co., packing house equip., 1226 Cass av. St. Louis, Mo.  
 Breck, Jos., & Sons Corp., whol. hdwe., 55 Franklin, Boston, Mass.  
 Breck Photoplay Supply Co., Stereopticons, San Francisco, Cal.  
 Breckwoldt, J., & Co., sounding boards, Dolgeville, N. Y.  
 Bredell Composition Co., paints, 818 Mission, San Francisco, Cal.  
 Bredell's Composition Co., marine paints, 521 Washington, New York.  
 Bredhoff & Grinley, tin cans, 344 Front, San Francisco, Cal.  
 Brett, F., & Co., colors, dyes, tragacanth imprts., 240 Water, New York.  
 Breeall, Jas., architect, Hibbs Bldg., Washington, D. C.  
 Breece Mfg. Co., carriage & wagon wheels, Portsmouth, Ohio.  
 Breed, Edw. W., landscape arch., 340 Main, Worcester, Mass.  
 Breeding, H. D., architect, Watts Bldg., Birmingham, Ala.  
 Breeding, W. R., canned goods, Fedralsburg, Md.  
 Breedon, Geo. W., flour mills, Bolivar, Tenn.  
 Breedon's, Wm., Son, needles (spring knitting), Amsterdam, N. Y.  
 Breen Art Glass Co., 29 Martin, Milwaukee, Wis.  
 Breen, Martin, cornices, Galveston, Tex.  
 Breen, Michael, contractor, 1363 McCombs rd. New York.  
 Breen & Rinn, contractors, 624 Madison av. New York.  
 Breen Stone Co., Kasota, Minn.  
 Breen, Wm. J., Co., coke & pig iron dlrs., 84 State, Boston, Mass.  
 Breeze Bros. Co., cornices, 1606 Reading rd. Cincinnati, Ohio.  
 Breeze Carburetor Co., machsts. & fndrs., 250 South, Newark, N. J.  
 Breiby & Bruno, architects, 206 E. 23d, New York.  
 Breig Bros., contractors, Scranton, Pa.  
 Breil, Robt., Machy. Co., St. Louis, Mo.  
 Breilmaier, E., & Sons Co., architects, 111 Mason, Milwaukee, Wis.  
 Breining, John A., & Son, lumber, Williamsport, Pa.  
 Breisinger, Chas., & Son, brick, Bucyrus, Ohio.  
 Breitung, C. Alfred, architect, Walker Bldg., Seattle, Wash.  
 Breitung & Co., iron ores, Rockefeller Bldg., Cleveland, Ohio.  
 Breivogel, Geo., cornices, 46 Rose, New York.  
 B. R. Elec. & Tel. Mfg. Co., Kansas City, Mo.  
 B. R. E. Mfg. Co., plumbers' woodwork mfrs., Hyde Park, Mass.  
 Bremen Mach. Wks., Bremen, Ga.  
 Bremen Mfg. Co., machinists, Bremen, Ohio.  
 Bremer Cut Stone Co., 23d & Central, Kansas City, Mo.  
 Bremer, Hy. F., cornices, 22 Ogden av. Chicago, Ill.  
 Bremer, W. A., machinist, Los Angeles, Cal.  
 Bremfoerder Hardware & Iron Co., wholesale, Cincinnati, Ohio.  
 Brennan, J. T., glass makers' sand, Robinson, Md.  
 Brenbunfus Engineering Co., Loraine, Ohio.  
 Breninger, P. F., contractor, Commer. Trust Bldg., Phila., Pa.  
 Brendon, Chas., architect, 500 5th av. New York.  
 Breneman, C. W., & Co., window shade mfrs., 2045 Reading rd. Cincinnati, Ohio.  
 Breneman, H. N., & Co., file mfrs., Lancaster, Pa.  
 Breneman, Jos. P., contractor, Lancaster, Pa.  
 Brenet, Joseph P., architect, Oil City, Pa.  
 Brenham Compress Oil & Mfg. Co., meal, Brenham, Tex.  
 Brenizer, Warren F., Co., contractors, 141 Q, N. W., Washington, D. C.  
 Brennan Construction Co., 11 N. La Salle, Chicago, Ill.  
 Brennan, Frank, contractor, 1409 Ritner, Philadelphia, Pa.  
 Brennan, J. E., contractor, 180 Jessie, San Francisco, Cal.  
 Brennan, Jno., & Co., boilers, steel plate wks., etc., 24th & M. C. R. R., Detroit, Mich.  
 Brennan, Joseph F., cornices & skylights, Jacksonville, Ill.  
 Brennan Packing Co., meat packers, 39th & Normal, Chicago, Ill.  
 Brennan, Peter J., & Son, contractors, 624 Madison av. New York.  
 Brennan, Richard, forgings, 33 River, Buffalo, N. Y.  
 Brenneman, J. E., dock bldrs., 1523 S. Front, Philadelphia, Pa.  
 Brennen Motor Mfg. Co., 101 Grape, Syracuse, N. Y.  
 Brenner Bros. Mfg. Co., electric & gas light fixtures, Meriden, Conn.  
 Brenner, Ferd., Lumber Co., Alexandria, La.  
 Brenner, L., & Co., scrap iron, Lebanon, Pa.  
 Brenner & Weiner, scrap iron, Pottsville, Pa.  
 Brensike, John, & Son, machsts. & fndrs., Juneau, Wis.  
 Brent, W. F., contractor, Norfolk, Va.  
 Brenton, Jos. C., architect, Charleroi, Pa.  
 Brenton, T. H., brick, Neligh, Neb.  
 Brereton, W. H., contractor, Des Moines, Ia.  
 Bresch, B. P., & Bro., soap, 5100 N. 2nd, St. Louis, Mo.  
 Bresee Mfg. Co., contractors, Mattoon, Ill.  
 Breseman, E. J., architect, Perkins Bldg., Tacoma, Wash.  
 Breslauer-Lachlotte & Co., canned goods, Waverly Mills, S. C.  
 Breslin, Andrew, sash, door & blind, Summit Hill, Pa.  
 Bressler, C. O., & Co., cornices, Lebanon, Pa.  
 Bretand, J. V., Bessemer converters, 2917 W. Gd. blvd., Detroit, Mich.  
 Bretch, A., cornices, 20 Stone, Dayton, Ohio.  
 Brethauer, G. J., Planing Mill Co., 2250 Bogen, Cincinnati, Ohio.  
 Bretney, H. V., Co., harness leather, Springfield, Ohio.  
 Brett & Hall, landscape architects, 248 Boylston, Boston, Mass.  
 Brett, P., packing box mfrs., New Haven, Conn.  
 Brett, Wm. P., machinist, Decatur, Ill.  
 Bretting, C. G., Mfg. Co., mill & facty. supplies, Ashland, Wis.  
 Brettner, O. L., architect, Holland Bldg., Springfield, Mo.  
 Bretz, John E., contractor, Springfield, Ill.  
 Breuscaud, Jules, contractor, 290 B'way, New York.  
 Breul, Fred G., machinery, Bridgeport, Conn.  
 Brewbaker, J. C., canned goods, Buchanan, Va.  
 Brewer, A. G., machsts. & fndrs., Natick, Mass.  
 Brewer Bag Co., 78 Pearl, New York.  
 Brewer, Ben., Brick Co., Colorado Springs, Colo.  
 Brewer Bros. Co., machinists, 614 Filbert, Philadelphia, Pa.  
 Brewer & Co., boiler compounds, disinfectants, metal polish, etc., Worcester, Mass.  
 Brewer Elevator Co., 27 Bowker, Boston, Mass.  
 Brewer, F. P. & W. A., lbr. mfrs., Saginaw, Mich.  
 Brewer, G. H., contractors' tents, Shreveport, La.  
 Brewer, H., & Co., machinery, Tecumseh, Mich.  
 Brewer, J. H., machinist, Mount Vernon, Ohio.  
 Brewer, L. R., flour, Hickory, N. C.  
 Brewer & Locke, fertilizer mfrs., Swedesboro, N. J.  
 Brewer & Maltster, trade publications, 163 W. Washington, Chicago, Ill.  
 Brewer, R. G., masons' & bldrs.' matls., Mamaroneck, N. Y.  
 Brewer & Tyhurst, cornices, 116 Washington, Pittsburgh, Pa.  
 Brewer, Wm. W., candle machy., Troy, N. Y.  
 Brewing Appliance Spec. Co., machy., Hartford, Conn.  
 Brewers' & Bottlers' Machy. Wks., Chicago, Ill.  
 Brewers' Journal, trade publication, 1 Hudson, New York.  
 Brewster Bros., contractors, Independence, Kan.  
 Brewster & Co., automobile bldrs., Queensboro Bridge Plaza, Long Island City, N. Y.  
 Brewster, F. K., blasting fuse, caps, etc., Port Ewen, N. Y.  
 Brewster, Geo. M., & Son, contractors, Tenafly, N. J.  
 Brewster, H. N., contractor, Ridgefield Park, N. J.  
 Brewster, Herbert R., architect, 116 Nassau, New York.  
 Brewster Lumber Co., Savannah, Ga., and Knowlton, Wash.  
 Brewster & Son, masons' & bldrs.' matls., Ridgefield, N. J.  
 Brewton Iron Works, Brewton, Ala.  
 Breyer Bros. Whiting Co., windmills, Waupun, Wis.  
 Breyman, G. H., & Bros., contractors, Marine Bldg., Toledo, Ohio.  
 Breyman, Geo. F., & Bros., contractors, Marine Bldg., Toledo, Ohio, and Boston, Mass.  
 Breyman Leather Co., Portland, Ore.  
 Brezee & Mallory, architects, Saratoga Springs, N. Y.  
 Brick & Clay Record, trade publications, 445 Plymouth ct. Chicago, Ill.  
 Brick, Terra Cotta & Tile Co., Corning, N. Y.  
 Brickell & Brickell, architects, Olean, N. Y.  
 Brickell Constr. Co., Watertown, S. D.  
 Brickell, Wm. S., Co., architects, 595 Ellicott sq., Buffalo, N. Y.  
 Brickenstein, L. B., rural mail boxes, Winston-Salem, N. C.  
 Brickey, F. M., & Co., wheat flour, Prairie du Rocher, Ill.  
 Brickschmitt Quarry & Const. Co., stone prod., 6509 Manchester av. St. Louis, Mo.  
 Britson, O. A., tire protectors, Brookings, S. Dak.  
 Bridalveil Canning Co., Ronda, N. C.  
 Bridal Veil L'br'g Co., Bridal Veil, Ore.  
 Bride, Grimes & Co., hgt. contrs., Lawrence, Mas.  
 Bride, Wm. J., Co., air, tire pumps, Reading, Mass.  
 Bridge & Beach Mfg. Co., 1st & Valentine, St. Louis, Mo.  
 Bridge, Jno., tex. machy. (roll coverers), Chester, Pa.  
 Bridge, Lewis, & Sons, cornices, Huntington, Ind.  
 Bridge, Lucius L., architect, 1024 Main, Bridgeport, Conn.  
 Bridge Shingle Co., lumber, Lawrence, Wash.  
 Bridgeford & Co., machsts. & fndrs., Louisville, Ky.  
 Bridgeford Machine & Tool Works, lathes, etc., Rochester, N. Y.  
*See adv index at end of book.*  
 Bridgeport Art Glass Co., Bridgeport, Conn.  
 Bridgeport Barrel Co., Inc., 487 Main, Bridgeport, Conn.  
 Bridgeport Body Co., 363 Fairfield av. Bridgeport, Conn.  
 Bridgeport Boiler Wks. Co., Bridgeport, Conn.  
 Bridgeport Brass Co., machinists, Bridgeport, Conn.  
 Bridgeport Bronze Marine Paint Co., Bridgeport, Conn.  
 Bridgeport Chain Co., weldless wire chain, mfrs., 964 Crescent av. Bridgeport, Conn.  
 Bridgeport Coach Lace Co., Bridgeport, Conn.  
 Bridgeport Cornice Wks., Bridgeport, Conn.  
 Bridgeport Crucible Co., Bridgeport, Conn.  
 Bridgeport Deoxidized Bronze & Metal Co., fndrs., Bridgeport, Conn.  
 Bridgeport Die & Mach. Co., Bridgeport, Conn.  
 Bridgeport Elastic Fabric Co., shoe goring & webbing, Bridgeport, Conn.



- Bridgeport Elec. Mfg. Co., electric water heaters, Bridgeport, Conn.  
 Bridgeport Enamel Dial Co., Bridgeport, Conn.  
 Bridgeport Engng. Co., saw tables for metal, Bridgeport, Conn.  
 Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.  
 Bridgeport Lamp Chimney Co., Bridgeport, Conn.  
 Bridgeport Malleable Iron Wks., malleable & gray iron castings, Bridgeport, Conn.  
 Bridgeport Metal Goods Mfg. Co., Bridgeport, Conn.  
 Bridgeport Metal Treating Co., case & steel hardening, Bridgeport, Conn.  
 Bridgeport Motor Co., Bridgeport, Conn.  
 Bridgeport Piston Ring Co., Bridgeport, Conn.  
 Bridgeport Plumbing Supply Co., Bridgeport, Conn.  
 Bridgeport Projectile Co., Union av., Bridgeport, Conn.  
 Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.  
 Bridgeport Screw Co., Bridgeport, Conn.  
 Bridgeport Sewer Construction Co., 165 Lindley, Bridgeport, Conn.  
 Bridgeport Wire Goods Co., egg beaters, towel bars, etc., East Port Chester, Conn.  
 Bridgeport Wood Finishing Co., enamels, polishes, paint & varnish removers, etc., New Milford, Conn.  
 Bridge's, A. D., Sons, contr., cloth boards, silos, etc., Hazardville, Conn.  
 Bridges, E. D., granite producer, Nevada City, Cal.  
 Bridges Mfg. Co., photo. mounts, Rochester, N. Y.  
 Bridges-Smith & Co., paint mfrs., Louisville, Ky.  
 Bridges & Webber, architects, Chamber of Commerce Bldg., Portland, Ore.  
 Bridgeton Brick Co., Bridgeton, N. J.  
 Bridgeton Chandelier Co., electric & gas light fixtures, Bridgeton, N. J.  
 Bridgeton Condensed Milk Co., canned, Bridgeton, N. J.  
 Bridgeton Construction Co., contractors, Bridgeton, N. J.  
 Bridgewater Brick Co., Bridgewater, Mass.  
 Bridgewater Machine Co., Akron, Ohio.  
 Bridgewater Mfg. Co., woolen blankets, Bridgewater, Va.  
 Bridgewater Plow Corp., Bridgewater, Va.  
 Bridgman Bros. Co., castings, connections, traps, etc., 1426 Washington av., Philadelphia, Pa.  
 Bridgman, E. C., maps, 86 Warren, New York.  
 Bridgman Mattress Co., Knoxville, Tenn.  
 Bridgman, Smith, Co., mfrs. fine paper boxes, Kent & Division avs., Brooklyn, N. Y.  
 Bridgton Mach. & Lbr. Co., Bridgton, Me.  
 Bridley-Fuhrman, Martin Co., wholesale hardware, Elmira, N. Y.  
 Brieck Bros. Co., contractors, McKeesport, Pa.  
 Bried, Jas. L., contractor, Englewood, N. J.  
 Brielmaier, E., & Sons, architects, 19 La Salle, Chicago, Ill.  
 Brielmaier, E., & Sons Co., architects, 432 B'way, Milwaukee, Wis.  
 Brieman, Chas. G., machst. & indr., Juneau, Wis.  
 Brien Heater Co., hot air furnace, mfrs., Westfield, Mass.  
 Brier Brass Mfg. Co., vent fittings, Kansas City, Mo.  
 Brier, Fisher & Miller, traveling bags, 218 Arch, Phila., Pa.  
 Brier Hill Steel Co., Youngstown, Ohio.  
 Brier, John T., lbr. mfrs., bath, Ind.  
 Brierley Machine Co., 1736 E. 22d, Cleveland, Ohio.  
 Brierly, Frank E., & Sons, masons' & bldrs.' matls. & mill & facty. supplies, Beaver Falls, Pa.  
 Brierly-Lombard Co., machsts.; mill & facty. supplies, etc., 663 Main, Worcester, Mass.  
 Briesneck Machinery Co., Brunswick, Ga.  
 Briganti, Domenico, architect, Philipsburgh Bldg., Yonkers, N. Y.  
 Brigham, Coveney & Bisbee, architects, 184 Boylston, Boston, Mass.  
 Briggs, Abram T., contractor, Taunton, Mass.  
 Briggs & Allyn Mfg. Co., wood tanks; sash, doors, etc., Lawrence, Mass.  
 Briggs, Belmar, Edge Tool Co., Haverhill, Mass.  
 Briggs & Caldwell, architects, Security Bldg., Bridgeport, Conn.  
 Briggs Carriage Co., auto. bodies, trolley wheels, Amesbury, Mass.  
 Briggs & Cooper Co. (Ltd.), lbr. mfrs., Saginaw, Mich.  
 Briggs, E. D., contractors, Aurora, Ill.  
 Briggs Engng. Co., machinists, ft. 24th, Brooklyn, N. Y.  
 Briggs, Fredk. H., architect, 47 W 34th, New York.  
 Briggs, G. S., & Co., lumber mfrs., Norfolk, Va.  
 Briggs, Geo. T., contractor, Narragansett Pier, R. I.  
 Briggs Hardware Co., Neosha, Mo.  
 Briggs, J. E., architect, Parsons, Kan.  
 Briggs, John, & Co., color mfrs. & importers, 45 Purchase, Boston, Mass.  
 Briggs, Jno. D., architect, Raleigh, N. C.  
 Briggs, L. W., Co., architects, 314 Main, Worcester, Mass.  
 Briggs Labor Saving Spec. Co., concrete spreading dump carts, Waterloo, Iowa.  
 Briggs Lumber Co., Oneonta, N. Y., and Walker, Ore.  
 Briggs & McLaughlin Contrg. Co., 337 E. 134th, New York.  
 Briggs Machinery Co., mill & facty. supplies & wood working machy., 238 2nd av., Pittsburgh, Pa.  
 Briggs Magneto Co., machinists, Elkhart, Ind.  
 Briggs Mfg. Co., tire fabrics, Voluntown, Conn.  
 Briggs & Nelson, architects, Rose Bldg., Cleveland, Ohio.  
 Briggs, Oliver L., & Son, billiard tables, 61 Essex, Boston, Mass.  
 Briggs Pump Co., Omaha, Neb.  
 Briggs-Shaffner & Co., machinists, Winston-Salem, N. C.  
 Briggs, Thos. H., & Sons, wholesale hardware, Raleigh, N. C.  
 Briggs & Turivas, scrap iron, 110 S. Dearborn, Chicago, Ill.  
 Briggs, W. H., Hardware Co., Valdosta, Ga.  
 Briggs-Weaver Machinery Co., Dallas, Tex.  
 Brigham, Arthur A., mill & facty. supplies, Old South Bldg., Boston, Mass.  
 Brigham Bros., brick, East Kingston, N. Y.  
 Brigham, Charles, architect, Watertown, Mass.  
 Brigham City Canning Co., Brigham, Utah.  
 Brigham, N. R., architect, Keeline Bldg., Omaha, Neb.  
 Bright Circle Mfg. Co., vacuum cleaners, Toledo, Ohio.  
 Bright & Co., mill & facty. supplies; masons' & bldrs.' matls., & wholesale hardware, Reading, Pa.  
 Bright Construction Co., 127 Ontario, Toledo, Ohio.  
 Bright, Geo., Hardware Co., Pottsville, Pa.  
 Bright, H. E., lumber, Ashland, Pa.  
 Bright, H. V., machy., turnstiles, Cleveland, Ohio.  
 Bright, J. H., Contr. & Bldg. Co., Title Guaranty, St. Louis, Mo.  
 Bright, John I., architect, 1710 Chestnut, Philadelphia, Pa.  
 Bright Star Battery Co., 316 Hudson, New York.  
 Bright, W. W., contractor, 2030 Adams, Toledo, Ohio.  
 Brightman Bros., paint, New Bedford, Mass.  
 Brightman Furnace Co., Cleveland, Ohio.  
 Brightman Mach. Co., Cleveland, Ohio.  
 Brightman Mfg. Co., shafting & straightening machy., Columbus, Ohio.  
 Brightman Nut & Mfg. Co., Sandusky, Ohio.  
 Brighton Fire Brick Co., New Brighton, Pa.  
 Brighton Fdry. Co., 3306 Artesian av., Chicago, Ill.  
 Brighton Mills, cotton duck, Passaic, N. J.  
 Brigman Shingler & Co., turpentine, Milltown, Ga.  
 Briley, C. A., heating contractors, 1003 Forbes, Pittsburgh, Pa.  
 Brill, J. G., Co., auto. wood bodies, 62d & Woodland, Phila., Pa.  
 Brillhart, Jacob S., & Sons, brick, Porters Siding, Pa.  
 Brilliant Electric Wks. of G. E. Co., lamps, Cleveland, Ohio.  
 Brilliant Gas Lamp Co., 1009B So. Wabash av., Chicago, Ill.  
 Brilliant Mfg. Co., signs, 1035 Ridge av., Philadelphia, Pa.  
 Brilliant Sign Co., 1113 Locust, St. Louis, Mo.  
 Brilliant Sign Letter Co., 478 6th av., New York.  
 Brillion Brick & Tile Co., Brillion, Wis.  
 Brillion Iron Wks., Brillion, Wis.  
 Brillion Lumber Co., Brillion, Wis.  
 Brim, A. W., letters & figures, Seneca Falls, N. Y.  
 Brimer & England Bros., contractors, Knoxville, Tenn.  
 Brinckerhoff, Arthur E., landscape architect, 15 E. 40th, New York.  
 Brinckloe & Co., architects, Easton, Md., and Wilmington, Del.  
 Brindle, D. E., contractor, Carlisle, Pa.  
 Brineman, M. D., architect, Huntington, Ind.  
 Brininstool Co., paint, Los Angeles, Cal.  
 Brink, C. I., Inc., Signs, 24 Gold, Boston, Mass.  
 Brink, E. P., & Son, architects, 11th, N. W., Washington, D. C.  
 Brinkerhoff, J. P., Sons, machsts. & indrs., 57 Dey, New York.  
 Brinkerhoff Piano Co., 209 S. State, Chicago, Ill.  
 Brinkley Car Wks. & Mfg. Co., Brinkley, Ark.  
 Brinkman, Fred, brick, Arlington, Neb.  
 Brinkman, H., brick, Mount Vernon, Ind.  
 Brinkman, H. W., architect, Emporia, Kan.  
 Brinkmann Bros., cornices, 2617 Frankford, Philadelphia, Pa.  
 Brinkmann, J. H., & Sons, furnaces, 913 Olive, St. Louis, Mo.  
 Brinks, Hy., & Sons, contractors, Quincy, Ill.  
 Brinley & Holbrook, landscape architects, 156 5th av., New York.  
 Brinly, Hardy Co., agric. implement mfrs., Louisville, Ky.  
 Brinser, E. C., Sons, baseball bats, handles, poles, etc., Richmond, Va.  
 Brinton, H., Co., machinists, 213 Race, Philadelphia, Pa.  
 Brinton Motor Truck Co., 5740 Cherry, Philadelphia, Pa.  
 Briscoe, B. P., architect, Beatty Bldg., Houston, Tex.  
 Briscoe Mfg. Co., sheet metal stampers, Detroit, Mich.  
 Briscoe Motor Corp., automobile builders, Jackson, Mich.  
 Briscoe, W. D., machinist, 15th & Ohio av., Washington, D. C.  
 Brisentine Bros., canned goods, Prospect, Va.  
 Brislin Boiler & Iron Wks., Fort Smith, Ark.  
 Brison Bros., brick, Millersport, Ohio.  
 Brissey, W. L., Lumber Co., Anderson, S. C.  
 Brissman & Co., contractors, Moline, Ill.  
 Brister, B. E., Mer. Co., lumber, Bogue Chetto, Miss.  
 Brister, Chas. M., brick, Petersburg, Va.  
 Brister & Knowles, contractors, Petersburg, Va.  
 Bristle, Jos. H., architect, 206 S. La Salle, Chicago, Ill.  
 Bristol Coffin & Casket Co., Bristol, Va.  
 Bristol Co. (The), "Bristol's" recording instruments for pressure, temperature, electricity, time, motion, speed, humidity, etc., also electric pyrometers, patent belt fasteners & safety set screws, Waterbury, Conn. See adv index at end of book.  
 Bristol Co., steam fitters' supplies, St. Joseph, Mo.  
 Bristol Door & Lbr. Co., Bristol, Tenn.  
 Bristol & Gale Co., agricultural implements, 158 Carroll av., Chicago, Ill.  
 Bristol Mfg. Co., coffins, etc., Bristol, Vt.  
 Bristol Naval Stores Co., Bristol, Fla.  
 Bristol Patent Leather Co., 327 Arch, Philadelphia, Pa.  
 Bristol & Sweet Harness Co., Fargo, N. D.  
 Bristow, John, contractor, Narragansett, R. I.  
 Brite, James, architect, 18 E. 41st, New York.



- British-American Chemical Co., 52 Vanderbilt av, New York.  
 Britt Bros., turpentine, Bonifay, Fla.  
 Britt, J. A., & Son, flour mills, Clay Pool, Ky.  
 Brittain & Co., meat packers, Marshalltown, Ia.  
 Brittain, J. H., contractor, 345 Sherman av, Salt Lake City, Utah.  
 Brittain, John J., Co., contractors, 105 W. Monroe, Chicago, Ill.  
 Brittingham & Hixon Lbr. Co., lbr., Madison, Wis.  
 Britton Lumber Co., Lakewood, Fla.  
 Britton Pressed Brick Co., Ann Arbor, Mich.  
 Britton, W. D., Hardware Co., Ogdensburgh, N. Y.  
 Broad Gauge Iron Wks., stable fix. & weather vanes, 77 Port.  
 Boston, Mass.  
 Broad, Jas., contractor, Spokane, Wash.  
 Broadbent, J., & Son, absorbent cotton, Unionville, Conn.  
 Broadhead, Jos., saws, Manistee, Mich.  
 Broadus & Ives Lbr. Co., Newbern, N. C.  
 Broadway Bedding Co., mattresses, Louisville, Ky.  
 Broadway Coal & Feed Co., masons' & bldrs.' matls., 6431 Broad-  
 way, Cleveland, Ohio.  
 Broadway Construction Co., 235 E. Washington, Los Angeles,  
 Cal.  
 Broadway Iron Fndry Co., Cambridge, Mass.  
 Broadway Mfg. Co., sash, door & blind, Knoxville, Tenn.  
 Broadwell, Wm. M., masons' & bldrs.' matls., Bangor, Mich.  
 Broaten & Mincy, architects, Mason City, Ia.  
 Broc Carriage & Wagon Co., auto. windshields, N. E. Cleveland,  
 Ohio.  
 Brock, A. S., Rubber Co., 57 Broad, Boston, Mass.  
 Brock Bros., cornices, Cambridge, Mass.  
 Brock Bros., cornices & skylights, Melrose, Mass.  
 Brock, V. A., flour mills, Sparta, Ky.  
 Brock Wrench Mfg. Co., 38 Vesey, New York.  
 Brockett, F. A., architect, Cutler Bldg., Rochester, N. Y.  
 Brockett-Gorham Co., spark plugs, Marion, Ohio.  
 Brockett, L. B., & Son, mill & facty. supplies, Battle Creek, Mich.  
 Brockett & Wood, architects, Powers Bldg., Rochester, N. Y.  
 Brockie, J. W., handles, New Berlin.  
 Brockle & Hastings, architects, 1713 Sansom, Philadelphia, Pa.  
 Brocklehurst, H., contractor, 512 W. Norris, Philadelphia, Pa.  
 Brocklehurst & Potter Co., contractors, 1328 B'way, New York.  
 Brockman, J. R., Mfg. Co., hfg. contrs., 617 N. 2d, St. Louis, Mo.  
 Brockman, Sam'l J., contractor, 421 Milwaukee, Milwaukee, Wis.  
 Brockton Die Co., Brockton, Mass.  
 Brockton Heel Co., boot & shoe counters, Brockton, Mass.  
 Brockton Last Co., wooden shoe lasts, Brockton, Mass.  
 Brockton Mallet Co., Brockton, Mass.  
 Brockton Mop Wringer Co., Brockton, Mass.  
 Brockton Webbing Co., Brockton, Mass.  
 Brockway, A. L., and Dwight R. Collin, architects, Third Bk.  
 Bldg., Syracuse, N. Y.  
 Brockway Brick Co., Brockway, N. Y.  
 Brockway Bros. Co., brick, Dutchess Junction, N. Y.  
 Brockway & McNeil Co., architects, Warren, Pa.  
 Brockway Mach. Bottle Co., Brockwayville, Pa.  
 Brockway & Meckensturn Mach. Co., cotton machy., Moodus,  
 Conn.  
 Brockway Motor Truck Co., auto. bldrs., Cortland, N. Y.  
 Brockway-Smith Corp., sash, door & blind mfrs., 98 Canal, Bos-  
 ton, Mass.  
 Brockway, W. N., carriages, Homer, N. Y.  
 Brode, F. H., & Co., cottonseed oils, Memphis, Tenn.  
 Brode Iron Works, 37 Hawthorne, San Francisco, Cal.  
 Brode, W. M., Co., contractors, New Comerstown, Ohio.  
 Broderick & Bascom Loggers' Supply Co., mill & facty. supplies,  
 623 Western av, Seattle, Wash.  
 Broderick & Bascom Rope Co., cordage & twine mfrs., Main &  
 Douglas, St. Louis, Mo.  
 Broderick Co., boilers, Muncie, Ind.  
 Broderick, Edmund D., contractor, 110 W. 40th, New York.  
 Broderick, John H., contractor, 44 Bromfield, Boston, Mass.  
 Brodessor Elev. Co., Burleigh & Weil, Milwaukee, Wis.  
 Brodie Elec'l & Auto. Co., Manchester, N. H.  
 Brodie, Harry C., contractor, Portage, Wis.  
 Brodie Mfg. Co., ash cans, 52 Ellery, Brooklyn, N. Y.  
 Brodie, T. L., architect, Jefferson Co. Bk. Bldg., Birmingham,  
 Ala.  
 Brodie, Walter M., metallurgical engrs., 49 Cedar, New York.  
 Brodie, Wm., cornices & mill & facty. supplies, 307 Jackson av,  
 L. I. City, N. Y.  
 Brodie, Wm. H., Co., elevator doors, 38 Park pl, New York.  
 Brodin Pattern & Supply Wks., stove pipe ventilators, etc., 2418  
 W. 16th, Chicago, Ill.  
 Brodix & Malone, stone producers, 112 W. Adams, Chicago, Ill.  
 Brodner, K., plate glass, New Haven, Conn.  
 Brodt, T. E., sash, door & blind mfrs., Bagley, Wis.  
 Brody, S., bags & bagging, South & Clinton, New York.  
 Broeker, Chas., & Co., flour mills, Owensboro, Ky.  
 Brogan & Co., steam fitters' supplies, 810 Race, Phila., Pa.  
 Brogan, Edward, stone producers, 1215 Franklin, N. S., Pitts-  
 burgh, Pa.  
 Brogan, Jas. F., & Co., contractors, Commercial Trust Bldg.,  
 Philadelphia, Pa.  
 Brogan Mills, flannels, cotton, Anderson, S. C.  
 Brohard Co., machinists, Lehigh & 3d, Philadelphia, Pa.  
 Brohl & Appell, heating contractors, Sandusky, Ohio.  
 Brohm & Molitor, stove mfrs., Albany, N. Y.  
 Brohm & Molitor, file mfrs., 257 S. Pearl, Albany, N. Y.  
 Brokaw-Eden Mfg. Co., clothes washing machines, Alton, Ill.  
 Brokensword Stone Co., crushed stone & lime, Bucyrus, Ohio.  
 Brokhaus, Geo. C., architect, 402 Washington, Hoboken, N. J.  
 Brom, Martin, contractor, Winona, Minn.  
 Brombacher, A. F., & Co., whol. hdwe., 31 Fulton, New York.  
 Brombacher, J., machinist, Los Angeles, Cal.  
 Bromich, Joseph, boilers, Topeka, Kan.  
 Bromilaw Brick Works, Alexandria, Va.  
 Bromley, H. C., contractor, Seattle, Wash.  
 Bromley-Merseles Mfg. Co., machinists, 215 W. Superior, Chi-  
 cago, Ill.  
 Bromm, Fred, machinist, 2564 S. Halsted, Chicago, Ill.  
 Bromund, E. A., Co., wax; ceresine imprts., 356 W. B'way, New  
 York.  
 Bromwell Brush & Wire Goods Co., 612 W. 6th, Cincinnati, Ohio.  
 Bromwell Co., wire goods, 420 Main, Cincinnati, Ohio.  
 Broncho Motion Picture Co., 1476 B'way, New York.  
 Bronson Bros., masons' & bldrs.' matls., Winsted, Conn.  
 Bronson, E. B., Co., machsts. & fndrs., Blue Island, Ill.  
 Bronson, Homer D., Co., brass hinges & metal novelties, Beacon  
 Falls, Conn.  
 Bronson & Townsend Co., wholesale hdwe., New Haven, Conn.  
 Bronson-Walton Co., guy clamps, Cleveland, Ohio.  
 Bronson, Wm. & Hy., machsts. & fndrs., Roxbury, Conn.  
 Bronx Carbonate Co., carbonic acid gas, 573 E. 167th, New York.  
 Bronx Cut Stone Co., 2754 Webster av, New York.  
 Bronx Derrick & Tool Co., 370 So. blvd, New York.  
 Bronx Metal Wks., 1833 Washington av, New York.  
 Bronx Sash & Door Co., E. Tremont av & 180th, New York.  
 Bronze Age Metal Co., tuyeres & coolers, 5323 Butler, Pitts-  
 burgh, Pa.  
 Bronze Metal Co., machsts. & fndrs., 30 Church, New York.  
 Bronze Powder Wks. Co., Elizabeth, N. J.  
 Bronze Weather Strip Co., 134 Milk, Boston, Mass.  
 Brook, Abraham, architect, 350 Fulton, Brooklyn, N. Y.  
 Brook-Bolshaw Co., cross ties, Savannah, Ga.  
 Brook Building & Supply Co., Brook, Ind.  
 Brook, John, stone producer, 2169 E. 28th, Cleveland, Ohio.  
 Brook Novelty Co., ironing boards, corn poppers, Brook, Ind.  
 Brook Terra Cotta, Tile & Brick Co., Brook, Ind.  
 Brooke, Chas. J., architect, 12th & Walnut, Philadelphia, Pa.  
 Brooke, Fred'k H., architect, Telegraph Bldg., Washington, D. C.  
 Brooke Lumber Co., Pataskala, Ohio.  
 Brooker, Robt., contractor, Lancaster, Wis.  
 Brookfield Glass Co., 2 Rector, New York.  
 Brookhaven Cotton Oil & Fertz. Co., Brookhaven, Miss.  
 Brookhaven Gravel Co., Brookhaven, Miss.  
 Brookhaven L'br. & Mfg. Co., Hattiesburg, Miss.  
 Brookhaven Pressed Brick & Mfg. Co., Brookhaven, Miss.  
 Brookins Co., electric & gas light fixtures, 1747 Euclid av, Cleve-  
 land, Ohio.  
 Brooklyn Ash Can Mfg. Co., 2196 Fulton, Brooklyn, N. Y.  
 Brooklyn Brass Wks., macasts. & fndrs., 263 Scholes, Brooklyn,  
 N. Y.  
 Brooklyn Brick Co., common, 506 Chamber of Comm., Indian-  
 apolis, Ind.  
 Brooklyn Button Mfg. Co., 159 W. 23d, New York.  
 Brooklyn Cooperage Co., 142 Kent av, Brooklyn, N. Y.  
 Brooklyn Elec. Lamp & Nov. Co., 278 Fulton, Brooklyn, N. Y.  
 Brooklyn Facing Mills, fndry. facings, 105 Metropolitan av,  
 Brooklyn, N. Y.  
 Brooklyn Filter Bag Co., 643 Kent av, Brooklyn, N. Y.  
 Brooklyn Fire Brick Wks., 88 Van Dyke, Brooklyn, N. Y.  
 Brooklyn Fire-Proof Sash & Door Co., 101 Richardson, Brook-  
 lyn, N. Y.  
 Brooklyn Galvanizing & Mfg. Co., galvanizing, 120 Liberty, New  
 York.  
 Brooklyn Lthr. Belting Co., 42 S. 6th, Brooklyn, N. Y.  
 Brooklyn Lbr. Co., 452 Hamilton av, Brooklyn, N. Y.  
 Brooklyn Metal Ceiling Co., 287 Greene av, Brooklyn, N. Y.  
 Brooklyn Navy Yard, fndrs., Brooklyn, N. Y.  
 Brooklyn Shield & Rubber Co., 397 Summer av, Brooklyn, N. Y.  
 Brooklyn Suit Case Mfg. Co., trav. bags, 87 Harrison pl, Brook-  
 lyn, N. Y.  
 Brooklyn Tool Co., hoof parers, Brooklyn, Ind.  
 Brooklyn Tube Works, brass, bronze & copper seamless tubing,  
 mfrs., Bay & Columbia, Brooklyn, N. Y.  
 Brooklyn Varnish Mfg. Co., 35 Nostrand av, Brooklyn, N. Y.  
 Brooklyn Vault Light Co., 254 Monitor, Brooklyn, N. Y.  
 Brooklyn Vitrified Tile Wks., ceramic & vitreous, 92 Third,  
 Brooklyn, N. Y.  
 Brookman Mfg. Co., lye, 664 Wells, Chicago, Ill.  
 Brooks & Bramhall, architects, Decatur, Ill.  
 Brooks Brick Co., Brewer, Me.  
 Brooks Bros., cornices & skylights, Columbus, Ind.  
 Brooks Bros., lbr., 1923 University av, St. Paul, Minn.  
 Brooks, Chas. A., contractor, Augusta, Me.  
 Brooks, Chas. J., machinist, New Haven, Conn.  
 Brooks, Clarence, & Co., varnish, hard oil finish, 249 Chestnut,  
 Newark, N. J.  
 Brooks & Co., sash, door & blind mfrs., Poughkeepsie, N. Y.  
 Brooks Construction Co., Fort Wayne, Ind.  
 Brooks, E., & Co., contractors, 3 W. 39th, New York.  
 Brooks, E. & G., Iron Co., Birdsboro, Pa.



- Brooks, E. J., & Co., railway supplies, mfrs., 227 Fulton, New York.
- Brooks, E. S., masons' & bldrs.' matls., Westbrook, Me.
- Brooks Furniture Mfg. Co., Rochester, N. Y.
- Brooks, Geo. B., cotton waste, 303 Canal, Providence, R. I.
- Brooks, Geo., & Son Co., auto. & furniture binding & gimps, 5428 Wyalusing, Philadelphia, Pa.
- Brooks, Geo. W., architect, Perth Amboy, N. J.
- Brooks, H. L., Co., ties, poles & posts, Tomahawk, Wis.
- Brooks Hardware Co., Augusta, Me.
- Brooks, John, Co., knives, Brockton, Mass.
- Brooks, Louis, architect, 150 Nassau, New York.
- Brooks, M. S., & Sons, wire goods, hammers, hooks, etc., Chester, Conn.
- Brooks Machine Co., Wichita, Kan.
- Brooks Mfg. Co., jewelry cases, 221 High, Boston, Mass.
- Brooks Mfg. Co., knocked-down boats, Saginaw, Mich., and lumber, Greensboro, N. C.
- Brooks Oil Co., C. & P. & Erie R. R., Cleveland, Ohio.
- Brooks Packing Co., canned goods, Tillamook, Ore.
- Brooks & Ross Lumber Co., 39 S. La Salle, Chicago, Ill., and Scofield, Wis.
- Brooks-Scanlon Lbr. Co., 1120 Plymouth Bldg., Minneapolis, Minn.
- Brooks-Scanlon Co., lumber mfrs., Kentwood, La.
- Brooks, T. C., & Sons Co., contractors, Jackson, Mich.
- Brooks, T. H., & Co., fndrs., Cleveland, Ohio.
- Brooks Tent & Awning Co., Denver, Colo.
- Brooks Tomato Products Co., cannery, Collinsville, Ill.
- Brooks, William J., canned goods, Beaufort, S. C.
- Brookside Mills, cotton duck & canvas, Knoxville, Tenn.
- Brookside Paper Co., binders' boards, South Manchester, Conn.
- Brooksville Woolen Mill, blankets, Brookville, Me.
- Brookville Bridge Co., Brookville, Ohio.
- Brookville Glass & Tile Co., Brookville, Pa.
- Brookville Mfg. Co., farm wagons, Brookville, Pa.
- Broomhall, E. F., architect, Alworth Bldg., Duluth, Minn.
- Brooms, Brushes & Handles, trade publication, Milwaukee, Wis.
- Brophy Belting & Supply Co., Madison, Ind.
- Brophy Bros., brick, Grassy Point, N. Y.
- Brophy, Chas. A., button mfrs., Aurora, Ill.
- Bros Wm., Boiler & Mfg. Co., Nic Island, Minneapolis, Minn.
- Broschart & Braum, sheet metal ornaments, borders, etc., 601 W. 130th, New York.
- Brose, Andrew, contractor, 1 Madison av, New York.
- Brose, Geo., flour mills, Evansville, Ind.
- Brosie, Louis O., architect, Highland Bldg., Pittsburgh, Pa.
- Brosius, Edgar E., grab buckets, Benedum Trees Bldg., Pittsburgh, Pa.
- Bross & Shearer, brick, Shippensburg, Pa.
- Brossman, Chas., architect, Merchants Bk. Bldg., Indianapolis, Ind.
- Brost Pattern Works, wood & metal, 5122 St. Clair av, Cleveland, Ohio.
- Brostrom, Ernest O., architect, Reliance Bldg., Kansas City, Mo.
- Brothers, James W., lumber, Lacenter, Wash.
- Brotherton, F. E., architect, Equitable Bldg., Detroit, Mich.
- Brotherton, Wm., Jr., sash, door & blind mfrs., Peekskill, N. Y.
- Brotsch, F. V., Co., contractors, Rochester, N. Y.
- Brott, H. R., contractor, Gloversville, N. Y.
- Brougham, Geo. B. M., contractor, Schenectady, N. Y.
- Brougher, W. D., Net Co., fly nets, Wellsville, Pa.
- Broughton, J. H., masons' & bldrs.' matls., Portsmouth, N. H.
- Broughton, N. L., lbr., Pinewood, S. C.
- Broughton & Wiggins Co., lbr., Portland, Ore.
- Broun Electric Mfg. Co., Canal Dover, Ohio.
- Brounet, Arthur, decorative art tapestries, etc., 1133 B'way, New York.
- Broussard Casket & Mfg. Co., New Iberia, La.
- Broussard Cotton Oil Co. (Ltd.), Broussard, La.
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- Broverman, Morris, & Son, bristles, 100 Maiden la, New York.
- Brower & Best, common brick, Thompsonville, Conn.
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- Brower, John, architect, 118 E. 28th, New York.
- Brower, Roy L. & Co., wholesale hdwe., 12 Cedar, New York.
- Brown, A. C., & Sons, contractors, Tottenville, N. Y.
- Brown, A. B., Co., weather strips, 514 W. 46th, New York.
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- Brown, A. Ten Eyck, architect, Realty Tr. Bldg., Atlanta, Ga.
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- Brown, E. C. & Co., spray pumps, etc., 841 Maple, Rochester, N. Y.
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 Brown, S. E., & Co., heating contrs., Seattle, Wash.  
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 Brown, W. J., architect, Am. Tr. Bldg., Cedar Rapids, Ia.  
 Brown, W. N., architect, Marjnts Ferry, Ohio.  
 Brown & Walcott, architects, 19 S. LaSalle, Chicago, Ill.  
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 Brown & Whiteside, architects, Du Pont Bldg., Wilmington, Del.  
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 Brunswick-Balke-Collender Co., billiard tables & balls, 29 W. 32d, New York.  
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 Brusa Granite Co., Northfield, Vt.  
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 Brush Bros., brick, Bailey av nr. Erie R. R., Buffalo, N. Y.  
 Brush & Engel Bldg Co., contractors, 218 Shiloh, Pittsburgh, Pa.  
 Brush, G. W., contractor, Northport, N. Y.  
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 Brush Mop Co., 36 E. 23d, New York.  
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 Bruty, John W., contractor, 209 Washington, Boston, Mass.  
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 Bryan, A. J., architect, Chico, Cal.  
 Bryan & Bippus, tubular boilers, Wheeling, W. Va.  
 Bryan Brick Co., Bryan, Ohio.  
 Bryan Bros, lbr., Allendale, S. C.  
 Bryan Bros., flour mills, Buffalo, W. Va.  
 Bryan Coal Co., masons' & bldrs.' matls., Galion, Ohio.  
 Bryan & Co., contractors, Jacksonville, Fla.  
 Bryan Co., signs, Cleveland, Ohio.  
 Bryan Cotton Oil Co., fertilizer mfrs., Bryan, Texas.  
 Bryan Cotton Oil & Fertz. Co., meal, Bryan, Tex.  
 Bryan, E. A., Co., steel struct. wk., 156th & Halsted, Chicago, Ill.  
 Bryan, Frank, architect, Col. Sav. & Trust Bldg., Columbus, O.  
 Bryan, Frank, contractor, McKees Rocks, Pa.  
 Bryan, H. E., cornices & skylights, Cadiz, Ohio.  
 Bryan, H. F., architect, 1802 W. 50th, Los Angeles, Cal.  
 Bryan Hardware Co. (wholesale), Bryan, O. & Westfield, Mass.  
 Bryan, Jas. M., paint mfrs., Wilmington, Del.  
 Bryan-Marsh Elec. Wks., lamps, 431 S. Dearborn, Chicago, Ill.  
 Bryan Mfg Co., barrows, Bryan, Ohio.  
 Bryan-Metcalf Co., turpentine, Harper, Fla.  
 Bryan, N. C., turpentine, Monticello, Fla.  
 Bryan Nov. Mfg. Co., folding seats, display racks, etc., Bryan, O.  
 Bryan Plow Co., Bryan, Ohio.  
 Bryan & Poteet, architects, Lakeland, Fla.  
 Bryan Show Case Co., Bryan, Ohio.  
 Bryant & Austin, contrs., 1650 Compton av, Los Angeles, Cal.  
 Bryant & Berry Co., mchsts. & fndrs., 32 Atwater, W. Detroit, Mich.  
 Bryant Bros Co., memorial windows, 79 E. Main, Columbus, O.  
 Bryant, Chas. K., archt., Va. Ry. & Power Bldg., Richmond, Va.  
 Bryant Chucking Grinder Co., Springfield, Vt.  
 Bryant & Detwiler, contractors, Dime Bank Bldg., Detroit, Mich.  
 Bryant, Edw., Co., masons' & bldrs.' matls., 23 Central, Boston, Mass., & Rockport, Me.  
 Bryant Elec. Co., sleeve wire connectors, 1421 State, Bridgeport, Conn.  
 Bryant Fertilizer Co., Alexandria, Va.  
 Bryant Furniture Co., bedstead mfrs., Truxton, N. Y.  
 Bryant, Geo. H., & Son, masons' & bldrs.' matls., Fitzgerald, Ga.  
 Bryant Heater & Mfg. Co., gas heaters, 952 E. 72d, Cleveland, O.  
 Bryant, J. C., Co., lbr., Loris, S. C.  
 Bryant, J. E., contractor, Ripley, N. Y.  
 Bryant, J. R., architect, Sweetwater, Tex.  
 Bryant, J. W., Co., fndrs., 2601 University av, S. E., Minneapolis, Minn.  
 Bryant, John T., delivery & wooden market baskets, Springfield, Ohio.  
 Bryant Lumber & Shingle Mill Co., Seattle, Wash.  
 Bryant Mfg. Co., battery coppers & zincs, 456 W. Ontario, Chicago, Ill.  
 Bryant Mfg. Co., wood handles, Springfield, Ohio.  
 Bryant Uph. Furniture Co., 1622 W. 7th, Los Angeles, Cal.  
 Bryant, O., & Sons, machsts., 1407 West av, Buffalo, N. Y.  
 Bryant Paper Co., surface coated paper, Kalamazoo, Mich.  
 Bryant Supply Co., masons' & bldrs.' matls., Kansas City, Mo.  
 Bryant & Trott Co., cornices & skylights, Santa Maria, Cal.  
 Bryant, W. A., & Sons Co., masons' & bldrs.' matls., Waterloo, Ia.  
 Bryant Zinc Co., 600 Orleans, Chicago, Ill.  
 Bryant's, John, Sons, carriages, 15 Austin, Boston, Mass.  
 Bryce Bros. Co., glass tumblers, Mount Pleasant, Pa.  
 Bryce Building Co., Fort Smith, Tex.  
 Bryce Heating & Ventilating Co., Toledo, Ohio.  
 Bryceland Lumber Co., Ltd., Bryceland, La.  
 Bryden Horse Shoe Co., Catasauqua, Pa.  
 Brydges, E. M., architect, 64 E. Van Buren, Chicago, Ill.  
 Brydon, H. R., architect, Riverside, Wash.  
 Bryer, A. E., Contracting Co., 461 Western av, Lynn, Mass.  
 Brylgon Steel Casting Co., connecting rods, New Castle, Pa.  
 Bryne, C. E., Piano Co., 231 E. 41st, New York.  
 Bryon & Hall, black diamond carbons, 116 Broad, New York.  
 Bryson City Pump Works Co., Bryson City, N. C.  
 Bryson, D. A., lumber, Montpelier, Ind.  
 Bryson, Geo. M., architect, Boston Bldg., Salt Lake City, Utah.  
 Bryson, Thos. B., contractor, 52 Vanderbilt av, New York.  
 Bubeck & Guerin, poker sets, humiditors, etc., 161 W. 18th, New York.  
 Buch Bros., lbr., Reading, Pa.  
 Buch Fdry. Equipment Co., molding machs., Bridgeport, Pa.  
 Buchan & Co., contractors, Peoples Bk. Bldg., Pittsburgh, Pa.  
 Buchan, P. F., turpentine, Manly, N. C.  
 Buchan Soap Co., 988 Hume av, N. W., Cleveland, Ohio.  
 Buchanan & Bolt Wire Co., Holyoke, Mass.  
 Buchanan & Brockway, architects, Pasadena, Cal.  
 Buchanan & Bruns Co., manicure files, 38 Crawford, Newark, N. J.



- Buchanan, C. G., Chem. Co., 118 E. Pearl, Cincinnati, Ohio.  
 Buchanan, C. G., Co., stone crushing machy., cement machy., etc., 90 West, New York.  
 Buchanan Cabinet Co., Buchanan, Mich.  
 Buchanan Elec. Steel Co., steel truck wheels, 80 E. Jackson blvd., Chicago, Ill.  
 Buchanan Fndry. Co., Lebanon, Pa.  
 Buchanan, Geo. J. Co., cornices & skylights, 87 Commercial Wharf, Boston, Mass.  
 Buchanan & Gilder, Fort Worth, Tex.  
 Buchanan, J. F., & Co., outlet bushings, 1719 Chestnut, Philadelphia, Pa.  
 Buchanan, Jos. W., carriages, 801 E. Market, Indianapolis, Ind.  
 Buchanan, S. G., carriages, Mays Lick, Ky.  
 Buchanan, Thos., Co., buffing wheels, 29 W. 3d, Cincinnati, Ohio.  
 Buchanan, Wm., cornices, 448 Sumner av., Brooklyn, N. Y.  
 Buchanan, Wm., lumber, Texarkana, Tex.  
 Buchanan, Wm. D., contractor, Cohoes, N. Y.  
 Buchanan & Smock Lumber Co., Asbury Park, N. J.  
 Buchel Mach. Wks., regulators, New Orleans, La.  
 Bucher, E. Packing Co., meat packers, Cairo, Ill.  
 Bucher & Gibbs Plow Co., Canton, O.  
 Bucher, Wm. M., & Son, sash, door & blind, Harrisonburg, Va.  
 Buchheimer, Geo. H., sporting & athletic goods mfrs., Balto., Md.  
 Buchholtz, C., & Co., machsts., Hoboken, N. J.  
 Buchleins', Hy., Sols, stencils, 27 Green, Newark, N. J.  
 Buchman & Fox, architects, 42d & Madison av., New York.  
 Buch's, A., Sons Co., agricultural implements, Elizabethtown, Pa.  
 Buchtenkirk, Geo. C., architect, 21 Park row, New York.  
 Buchwald, Chas. A., Lumber Co., Marshalltown, Ia.  
 Buck Bros., machsts. & fdrs., edge tools, Millbury, Mass.  
 Buck Bros. Co., glass, Des Moines, Ia.  
 Buck, C. H. & Co., signs—brass, electric, glass, etc., 411 Dorchester av., Boston, Mass.  
 Buck, Chas., Edge Tool Co., machsts., Millbury, Mass.  
 Buck, Clyde D., & Co., wood handles, Kokomo, Ind.  
 Buck Creek Cotton Mills, Siluria, Ala.  
 Buck, E. A., & Co., mill & facty. supplies, & wholesale hdwe., Palmer, & Worcester, Mass.  
 Buck & Gallagher, stone producers, 25th & Morris, Phila., Pa.  
 Buck Glass Co., glass bottles, Fort av & Lawrence, Balto., Md.  
 Buck, H. E., Brick Mfg. Co., Lake Charles, La.  
 Buck, J. F., turpentine, Apalachicola, Fla.  
 Buck, J. M., & Co., handles—wood, Bluffton, Ind.  
 Buck, Lawrence, architect & archl. water colorist, 64 E. Vanburen, Chicago, Ill.  
 Buck, Levin T., & Co., common brick, Weems, Va.  
 Buck & Mullen, contractors, Muskegon, Mich.  
 Buck, Niels & Co., architects & contrs., 105 S. La Salle, Chicago, Ill.  
 Buck, Peter E., & Sons, wholesale hdwe, masons' & bldrs.' & mill & facty. supplies., Ashland, Pa.  
 Buck, R. B., brick, Morris, Ill.  
 Buck, T., & E. R., lumber, West Sterling, Mass.  
 Buck, T. S., Mfg. Co., rubber stamps, 535 B'way, New York.  
 Buck & Toole Milling Co., flour, Bloomfield, Mo.  
 Buck, Werden, masons' & bldrs.' matls., Joliet, Ill.  
 Buckbee, J. C., Co., complete stone crushing plants, etc., 38 S. Dearborn, Chicago, Ill.  
 Buckel, Chas., architect, 3149 Mission, San Francisco, Cal.  
 Buckelew Hardware Co., Shreveport, La.  
 Buckett, Arthur C., architect, 1327 Farwell av., Chicago, Ill.  
 Buckey Mfg. Co., hardware mfg., Canton, Ohio.  
 Buckey Planing Mill Co., Baltimore, Ohio.  
 Buckeye Aluminum Co., Wooster, Ohio.  
 Buckeye Bedding Co., mattresses, Dayton, Ohio.  
 Buckeye Belting & Supply Co., 1560 W. 3d, Cleveland, O.  
 Buckeye Boiler Co., tanks (all kinds), etc., Dayton, Ohio.  
 Buckeye Boiler Skimmer Co., Toledo, Ohio.  
 Buckeye Brass & Mfg. Co., band vacuum cleaners, 1807 Columbus rd., Cleveland, Ohio.  
 Buckeye Builders' Supply Co., Toledo, Ohio.  
 Buckeye Canning Co., Continental, Ohio.  
 Buckeye Chemical Co., boiler compounds, 1121 Chamber of Commerce, Detroit, Mich., & Akron, Ohio.  
 Buckeye Churn Co., Sidney, Ohio.  
 Buckeye Clay Pot Co., Toledo, Ohio.  
 Buckeye Cotton Oil Co., Gwenne Bldg., Cincinnati, Ohio.  
 Buckeye Cream Separators Co., Oberlin, Ohio.  
 Buckeye Dredging Co., sand dlrs., Kimball & Mitchell, Columbus, Ohio.  
 Buckeye Elec. Wks. of G. E. Co., lamps, Illuminating Bldg., Cleveland, Ohio.  
 Buckeye Engine Co., Cleveland & Salem, Ohio, & Chicago, Ill.  
 Buckeye Engine & Fdry. Co., Joliet, Ill.  
 Buckeye Fireclay Co., Urichsville, Ohio.  
 Buckeye Foundry Co., 2257 Buck, Cincinnati, Ohio.  
 Buckeye Foundry Co., Overpeck, Ohio.  
 Buckeye Fdry. & Mfg. Co., machsts. & fndrs., Upper Sandusky, O.  
 Buckeye Handle, Gear & Bending Co., Alliance, Ohio.  
 Buckeye Incubator Co., Springfield, Ohio.  
 Buckeye Ink Co., 141 E. 4th, Cincinnati, Ohio.  
 Buckeye Iron & Brass Works, oil mill machy., etc., Dayton, Ohio.  
 Buckeye Jack Mfg. Co., Alliance, Ohio.  
 Buckeye Lumber Co., Seattle, Wash.  
 Buckeye Mach. Co., Lima, Ohio.  
 Buckeye Mfg. Co., automobile bldrs. & machsts, Anderson, Ind.  
 Buckeye Marble Co., Hamilton, Ohio.  
 Buckeye Mill & Lumber Co., Jackson, Ohio.  
 Buckeye Paint & Varnish Co., Toledo, Ohio.  
 Buckeye Paste Co., 270 S. Wall, Columbus, Ohio.  
 Buckeye Products Co., fndry. supplies, & core & parting compounds, 919 W. 5th, Cincinnati, Ohio.  
 Buckeye Pump & Mfg. Co., machsts. & fndrs., Columbus, Ohio.  
 Buckeye Ribbon & Carbon Co., Cleveland, Ohio.  
 Buckeye Rolling Mill Co., Newark & Steubenville, Ohio.  
 Buckeye Salt Co., Pomeroy, Ohio.  
 Buckeye Saw Mfg. Co., Columbus, Ohio.  
 Buckeye Saw Vise Co., gauges, butt, 2046 W. 55th, Cleveland, O.  
 Buckeye Sewer Pipe Co., Akron, Ohio.  
 Buckeye Stave Co., lumber, Leipsic, Ohio.  
 Buckeye Steel Castings Co., Columbus, Ohio.  
 Buckeye Steel Furnace Co., Dayton, Ohio.  
 Buckeye Stoneware Co., potteries, Buckeye Cottage, Ohio.  
 Buckeye Supply Co., scrap iron & steel, Marietta, Ohio.  
 Buckeye Tank & Seat Co., Canton, Ohio.  
 Buckeye Tempered Copper & Brass Co., Mansfield, Ohio.  
 Buckeye Tent & Awning Mfg. Co., 264 Spruce, Columbus, Ohio.  
 Buckeye Traction Ditcher Co., trench excavating machy., Findley, Ohio.  
 Buckeye Twist Drill Co., drills, reamers & special tools, Alliance, Ohio.  
 Buckeye Window Glass Co., Bonham av., Columbus, Ohio.  
 Buckeye Wrecking & Salvage Co., second hand bldg. materials, 959 W. 7th, Cincinnati, Ohio.  
 Buckeystown Packing Co., Buckeystown, Md.  
 Buckham, C. W., architect, 307 5th av., New York.  
 Buckhannon Chemical Co., wood alcohol, Olean, N. Y.  
 Buckhannon Woolen Mills, flannels, Buckhannon, W. Va.  
 Buckhead Ginning & Fertilizer Co., Buckhead, Ga.  
 Buckhorn Plaster Co., Denver, Colo.  
 Buckle Printers' Ink Co., 714 S. Clark, Chicago, Ill.  
 Buckingham, C. W., architect, Jacksonville, Ill.  
 Buckingham Fdry. & Screen Plate Co., Bellows Falls, Vt.  
 Buckingham, Geo. W., contractor, Grand Forks, N. D.  
 Buckingham & Hair, masons' & bldrs.' matls., Milford, Ohio.  
 Buckingham, Jerome W., architect, 136 Griggs, Waterbury, Conn.  
 Buckingham, N., & Co., coffins, caskets, etc., Bridgeport, Conn.  
 Buckingham, Newell, archt., Corcoran bldg., Washington, D. C.  
 Buckingham, Rae, Co., garment hangers, 208 S. La Salle, Chicago, Ill.  
 Buckingham-Routh Co., hot water radiators, New Haven, Conn.  
 Buckingham, W. H., linemen's climbers, Binghamton, N. Y.  
 Buckingham, W. J., & Son, handles—wood, Mathiston, Miss.  
 Buckler, Riggin, architect, 11 E. Pleasant, Baltimore, Md.  
 Buckley, A. H., architect, Gloyd Bldg., Kansas City, Mo.  
 Buckley, A. W. & Co., architects, 3967 Elston av., Chicago, Ill.  
 Buckley, Demen & Co., addressing & mailing, 605 S. Clark, Chicago, Ill.  
 Buckley & Douglas Lumber Co., Manistee, Mich.  
 Buckley, Ellwood, contractor, Atlantic City, N. J.  
 Buckley, Fred, cornices & skylights, Wichita, Kans.  
 Buckley, J. M., & C. J., Co., contractors, 164 Federal, Boston, & 128 Vernon, Worcester, Mass.  
 Buckley, Jas. J., hod elevators, 303 5th av., New York.  
 Buckley, Jeremiah, contractor, 2233 Creston av., New York.  
 Buckley, John, Hub, Spoke & Wheel Co., 969 N. 2d, Phila., Pa.  
 Buckley, Jno. J., Co., meat packers, Chester, Pa.  
 Buckley, Jno. W., Rubber Co., 69 Warren, New York.  
 Buckley, M. D., granite producers, New London, Conn.  
 Buckley, Roland C., archt., Plymouth Bldg., Minneapolis, Minn.  
 Buckley, Walter F., fndrs., 627 Filbert, Philadelphia, Pa.  
 Buckley, Washington, Inc., contractor, 94 Emerson, B'klyn, N. Y.  
 Buckley's, B., Sons, machsts., Paterson, N. J.  
 Bucklin, C. R., Belting Co., Pawtucket, R. I.  
 Buckman, A. M., architect, Bellows Falls, Vt.  
 Buckman & Kean Japanning Co., patent leather, Woburn, Mass.  
 Bucknall, Scholtz & Co., corkwood imptrs., 193 Water, New York.  
 Bucknell Univ. Dept. of C. E., engng. school & coll., Lewisburg, Pa.  
 Buckner Bros. Lbr. Co., 332 S. Michigan av., Chicago, Ill.  
 Buck's Stove & Range Co., 3500 N. 2d, St. Louis, Mo.  
 Buckstaff Co., caskets, etc., Oshkosh, Wis.  
 Buckstaff-Sprague Lumber Co., Morris, Wis.  
 Buckwalter, J. A., wholesale hdwe. & masons' & bldrs.' matls., Royersford, Pa.  
 Buckwalter Stove Co., stove mfrs., Royersford, Pa.  
 Buckley Lbr. Co., Yelgar, La.  
 Bucy, Aldo, contractor, 3020 Allendale, Pittsburgh, Pa.  
 Bucyrus Co., machsts. & fndrs.; conveying machy., South Milwaukee, Wis.  
 Bucyrus Copper Kettle Works, Bucyrus, Ohio.  
 Bucyrus Rubber Co., Bucyrus, Ohio.  
 Buda Co., special truck wk. mfrs.; cars, etc., 80 E. Jackson, Chicago, Ill.  
 Budd, B. F., & Son, contractors, Sharon, Pa.  
 Budd, Edward G., Mfg. Co., sheet metal stamping & auto metal bodies, Ontario, Philadelphia, Pa.  
 Budd, H. T., machsts. & fdrs., Okron, Ohio.  
 Budd, K. C., architect, 500 5th av., New York.  
 Budd & Ranney Mfg. Co., machsts., 82 W. State, Columbus, O.



- Budde Mfg. Co., plumbers' wood work, 1065 Howard, San Francisco, Cal.
- Budde & Weis Mfg. Co., bank, office & store fixtures, Jackson, Tenn.
- Budde & Westermann, match mfrs., tin foil, 7th av & 29th, New York.
- Buddenbaum Lbr. Co., Indianapolis, Ind.
- Buddy, Phil. P., Bldg. & Constr. Co., St. Joseph, Mo.
- Budge, Frank T., Co., wholesale hdwe., Miami, Fla.
- Bueche, Frank, & Co., contractors, 13 Lippincott, Cincinnati, O.
- Buechele Iron & Tool Wks. Co., machsts. & fndrs., 4127 Liberty av., Pittsburgh, Pa.
- Buecker, Henry F., mach., Newport, Ky.
- Buedendorf Bros., flint pebbles, Produce Exch., New York.
- Buehheit, Jos., contractor, Youngstown, Ohio.
- Buehne Steel Wool Co., 93 Nassau, New York.
- Buehner, A. Decorators' Supply Co., St. Louis, Mo.
- Buehrle, German B., masons' & bldrs.' matls., Youngstown, Ohio.
- Buek, Chas., architect, 5 E. 42d, New York.
- Buell Bros., hdwe. mfrs., Clinton, Conn.
- Buell Bros., radiator trucks, Fulton, N. Y.
- Buell, C. S., Co., cornices, 198 4th av, Brooklyn, N. Y.
- Buell Mfg. Co., woolen blankets & flannels, St. Joseph, Mo.
- Buell, Ward S., contractor, Albion, N. Y.
- Buena Vista Foundry Co., machsts. & fndrs., Buena Vista, Va.
- Buente, Louis C., stone, 3656 Sp. Grove av. Cum., Cincinnati, O.
- Buer, Jacob L., architect, 1846 B'way, Toledo, Ohio.
- Buerger, Albert J., Jr., architect, 4026 W. 12th, Chicago, Ill.
- Buerkel & Co., mill & facty. supplies, 24 Union Park, Boston, Mass.
- Buerkens Mfg. Co., machsts. & fndrs., Pella, Ia.
- Buerkin & Kaempfen, contractors, Quincy, Ill.
- Buermann, Aug., Mfg. Co., machsts., hdwe. mfrs., 220 Jelliff av, Newark, N. J.
- Buermming, Herman W., architect, 521 Jackson, Milwaukee, Wis.
- Buerstin Constr. Co., 567 E. Water, Milwaukee, Wis.
- Buescher Band Instrument Co., Elkhart, Ind.
- Buesching-Hagerman & Co., contractors, Fort Wayne, Ind.
- Buess, Wm., marble interior wk., 312 E. 95th, New York.
- Buettner-Shelbourne Mach. Co., machsts., Terre Haute, Ind.
- Buff & Buff Mfg. Co., current meters; architects & engineers' instruments, 98 Green, Jamaica Plain, Mass.
- Buffalo Automatic Mfg. Co., paper clips & fasteners, 165 Pearl, Buffalo, N. Y.
- Buffalo Bath Cabinet Co., 435 William, Buffalo, N. Y.
- Buffalo Belting Wks., 18 Ellicott, Buffalo, N. Y.
- Buffalo Blue Print Co., Builders' Exchange, Buffalo, N. Y.
- Buffalo Bolt Co., North Tonawanda, N. Y.
- Buffalo Box Factory, Buffalo, N. Y.
- Buffalo Brake Beam Co., machsts. & fndrs., 30 Pire, New York.
- Buffalo Brick Co., Buffalo, Kan.
- Buffalo Car Wheel Endry Co., Dun Bldg., Buffalo, N. Y.
- Buffalo Cement Co., 110 Franklin, Buffalo, N. Y.
- Buffalo Chemical Fire Extinguisher Co., 67 Carroll, Buffalo, N. Y.
- Buffalo Concrete Mixer Co., Buffalo, N. Y.
- Buffalo Contractors' Plant Corp., buckets, derricks, hoists, etc., 131 Erie, Buffalo, N. Y. *See adv index at end of book.*
- Buffalo Co-operative Stove Co., Buffalo, N. Y.
- Buffalo Corr. Container Co., 25 Imson, Buffalo, N. Y.
- Buffalo Crushed Stone Co., Ellicott sq., Buffalo, N. Y.
- Buffalo Cut Glass Co., Batavia, N. Y.
- Buffalo Dec. Fibre Co., Buffalo, N. Y.
- Buffalo-Dehn Co., picture books, 70 W. Chippewa, Buffalo, N. Y.
- Buffalo Dental Mfg. Co., Buffalo, N. Y.
- Buffalo Distilling Co., 86 Main, Buffalo, N. Y.
- Buffalo Dredging Co., Morgan Bldg., Buffalo, N. Y.
- Buffalo Dry Dock Co., machinists, Buffalo, N. Y.
- Buffalo Emery Wheel Co., 127 Ash, Buffalo, N. Y.
- Buffalo Engine Co., machinists, Buffalo, N. Y.
- Buffalo Engng. Co. Erie Co., Bank Bldg., Buffalo, N. Y.
- Buffalo Envelope Co., 268 Mich. av, Buffalo, N. Y.
- Buffalo Expanded Metal Co., Morgan Bldg., Buffalo, N. Y.
- Buffalo Fertilizer Works, Marine Bank Bldg., Buffalo, N. Y.
- Buffalo Fire Door Co., 80 Terrace, Buffalo, N. Y.
- Buffalo Flour Milling Co., Central Tr. Bld., Philadelphia, Pa.
- Buffalo Forge Co., Elec. Disc Fans; machsts. & fndrs., 490 B'way, Buffalo, N. Y.
- Buffalo Foundry & Machine Co., 65 Winchester av, Buffalo, N. Y. *See adv index at end of book.*
- Buffalo Galvanizing & Tinning Wks., 49 Jackson, Buffalo, N. Y.
- Buffalo Gas Mantle Co., 296 Bryant, Buffalo, N. Y.
- Buffalo Gasoline Motor Co., 1280 Niagara, Buffalo, N. Y.
- Buffalo Gear & Pattern Wks., machsts., 18 Elk, Buffalo, N. Y.
- Buffalo Glass Co., 191 E. Seneca, Buffalo, N. Y.
- Buffalo Grille Co., wood turning, 270 Court, Buffalo, N. Y.
- Buffalo Hardwood Lbr. Co., 940 Seneca, Buffalo, N. Y.
- Buffalo House Wrecking & Salvage Co., scrap iron, etc., Sycamore & Erie R. R., Buffalo, N. Y.
- Buffalo Incubator Co., Bradley nr. Danforth, Buffalo, N. Y.
- Buffalo Jewelry Case Co., Buffalo, N. Y.
- Buffalo Knife Co., Buffalo, N. Y.
- Buffalo Lamp Co., 110 B'way, Buffalo, N. Y.
- Buffalo Last Wks., clogs, 4 Lock, Buffalo, N. Y.
- Buffalo Litholite Co., stone, Main & Amherst, Buffalo, N. Y.
- Buffalo Mach. Mfg. Co., Buffalo, N. Y.
- Buffalo Mfg. Co., founders, Buffalo, N. Y.
- Buffalo Mattress Co., Church & Jackson, Buffalo, N. Y.
- Buffalo Metal Furniture Mfg. Co., Buffalo, N. Y.
- Buffalo Metal Goods Co., oil & grease cup lubricators, 186 Winchester av, Buffalo, N. Y.
- Buffalo Meter Co., disc & water meters, 2921 Main, Buffalo, N. Y. *See adv index at end of book.*
- Buffalo Non-Ferrous Casting & Mfg. Co., 145 Chandler, Buffalo, N. Y.
- Buffalo Oil & Compound Co., Buffalo, N. Y.
- Buffalo Oil, Paint & Varnish Co., Buffalo, N. Y.
- Buffalo Paragon Wall Plaster Co., Ellicott sq., Buffalo, N. Y.
- Buffalo Pattern Wks., 800 Hertel av, Buffalo, N. Y.
- Buffalo Pitts Co., agricultural implements, 4th & Carolina, Buffalo, N. Y.
- Buffalo Plumbing Supply Co., 665 Fillmore av, Buffalo, N. Y.
- Buffalo Pottery, Buffalo, N. Y.
- Buffalo Pressed Steel Co., 31 Lansing, Buffalo, N. Y.
- Buffalo Printing Ink Wks., 348 Ellicott, Buffalo, N. Y.
- Buffalo Public Library, Buffalo, N. Y.
- Buffalo Refining Co., petroleum, 77 Main, Buffalo, N. Y.
- Buffalo Refrigerating Mach. Co., 126 Liberty, New York.
- Buffalo Sandstone Brick Co., Lancaster, N. Y.
- Buffalo Scale Co., 1205 Niagara, Buffalo, N. Y.
- Buffalo Sled Co., children's sleds, coaster wagons, etc., N. Tonawanda, N. Y.
- Buffalo Smelting Wks., 1 Austin, Buffalo, N. Y.
- Buffalo Specialty Co., hdwe. mfrs., machsts., 375 Ellicott, Buffalo, N. Y.
- Buffalo Springs Distilling Co., 308 S. 8th, St. Louis, Mo.
- Buffalo Steam Pump Co., machsts. & fndrs., Buffalo and North Tonawanda, N. Y.
- Buffalo Steam Roller Co., road machines & graders, Springfield, Ohio.
- Buffalo Steel Co., Tonawanda, N. Y.
- Buffalo Structural Steel Co., Buffalo, N. Y.
- Buffalo Thermometer Co., 60 Cherry, Buffalo, N. Y.
- Buffalo Trunk Mfg. Co., Buffalo, N. Y.
- Buffalo Union Furnace Co., ft. Hamburg, Buffalo, N. Y.
- Buffalo Waste Paper Co., scrap iron, rubber, etc., 113 Erie, Buffalo, N. Y.
- Buffalo Weaving & Belting Co., rubber goods, cotton webbing, skate straps, etc., Buffalo, N. Y.
- Buffalo Wholesale Hardware Co., 317 Washington, Buffalo, N. Y.
- Buffalo Wire Works Co., 453 Terrace, Buffalo, N. Y. *See adv index at end of book.*
- Buffalo Woven Label Wks., 565 Washington, Buffalo, N. Y.
- Buffham, W. S., & Sons, mill & facty. supplies, Racine, Wis.
- Buffington, Arthur E., contractor, New Bedford, Mass.
- Buffington, C. A., & Co., auto. seats, Berkshire, N. Y.
- Buffham, W. S., & Son, mill & facty. supplies, Racine, Wis.
- Buffington, I. T., sash, door & blind, Elizabethville, Pa.
- Buffington Wheel Co., Burlington, Ia.
- Buffum Tool Co., bricklayers' chisels, South Side, Louisiana, Mo.
- Burford Bros., wholesale hardware, Nashville, Tenn.
- Bugbee, Arthur S., architect, Hearst Bldg., San Francisco, Cal.
- Bugbee, E. A., Co., granite, Barre, Vt.
- Bugbee, H. A., fertilizer mfrs., Willimantic, Conn.
- Bugbee, Maxwell G., architect, 619 Washington, San Francisco, Cal.
- Bugbee, Newton A. K., & Co., contractors, Trenton, N. J.
- Buhl, L., & Co., contractors, 516 4th av. S., Minneapolis, Minn.
- Buhl Malleable Co., castings, Detroit, Mich.
- Buhl, Sons & Co., whol. hdwe. & mill & facty. supplies, 103 Woodbridge, W., Detroit, Mich.
- Buhl Stamping Co., cans, tin plate mfrs., etc., Detroit, Mich.
- Buhler Mill & Elevator Co., Buhler Kan
- Buhlmann, A. W., textile machy. & supplies, 200 5th av, New York.
- Buhne Metal Packing Co., 99 Nassau, New York.
- Buhner, F. F., fertilizer, Seymour, Ind.
- Buhner, Rudolph F., machsts. & fndrs., Seymour, Ind.
- Buhr Mfg. Co., agricultural implements, Washington, Mo.
- Buhr, Plaff & Co., confectioners' machy., 2d & Race, Cincinnati, Ohio.
- Buhring Water Purifying Co., 68 Murray, New York.
- Buhrke, R. H., Co., tool bags, steel balls, jack-straps, etc., 2414 N. Sac. av, Chicago, Ill.
- Buhrman, J. B., & Son, canned goods, Lick Run, Va.
- Buhrman, Pharr Hdwe. Co., Texarkana, Ark.
- Buick Motor Co., Flint, Mich.
- Bule, J. C., sashes, doors & blinds, Burnt Fort, Ga.
- Builder & Contractor, trade publications, Los Angeles, Cal.
- Builders' Brick Co., 118 N. La Salle, Chicago, Ill., and Seattle, Wash.
- B'ldrs.' Brick Mfg. Co., Hooper, Neb.
- Builders' Brick & Supply Co., masons' & bldrs.' matls., 172nd & West Farms rd, New York.
- Building Const. Co., 343 S. Dearborn, Chicago, Ill.
- Builders' Construction Co., Lemcke Annex, Indianapolis, Ind.
- Builders' General Supply Co., masons' & bldrs.' matls., Darby & Scott, Columbus, O.
- Builders' Iron Foundry, water pipe fittings, meters, gauges, grinding & polishing machinery, etc., 9 Coddington, Providence, R. I.
- Builders' Iron & Steel Co., 262 Bridge, E. C., Boston, Mass.



Builders' Iron Wks. Co., bank railings, 1815 University av, Minneapolis, Minn.  
Builders' Lime & Cement Co., Davenport, Ia.  
Builders' Lumber & Supply Co., Macon, Ga.  
Builders' Mfg. Co., sash, door & blind mfrs., 828 Wells, Chicago, Ill.  
Builders' Material Supply Co., Republic Bldg., Kansas City, Mo.  
Builders' Material Supply Co., Center, Newark, N. J.  
Builders' Mutual Supply Co., Savannah, Ga.  
Builders' Sand Co., masons' & bldrs.' matls., Kansas City, Mo.  
Builders' Supply Co., sash, door & blind mfrs., 2228 W. Mad., Chicago, Ill.  
Builders' Supply Co., sash, door & blind, Everett, Wash.  
Builders' Supply Co., Gaffney, S. C.  
Builders' Supply Co., Los Angeles, Cal.  
Builders' Supply Co., Shreveport, La.  
Builders' Supply Co., Tulsa, Okla.  
Builders' Supply Corp., door & house bells (rotary), 342 E. Wash., Indianapolis, Ind.  
Builders' Supply Depot, 42 8th, San Francisco, Cal.  
Bldg. Age, trade publication, 239 W. 39th, New York.  
Building Material Co., Monadnock Bldg., San Francisco, Cal.  
Building Specialties Co., Inc., masons' & bldrs.' matls., Rochester, N. Y.  
Building Supplies Corp., Norfolk, Va.  
Buisson Bros. Mfg. Co., machinists, 3351 Parnell, Chicago, Ill.  
Bulasky, L., hatters' machy., 44 E. Houston, New York.  
Bulger, C. W. & Son, architects, Praetorian Bldg., Dallas, Tex.  
Bulis, J. C., Mfg. Co., paper boxes, 1122 S. 12th, St. Louis, Mo.  
Bulkley, Dunton & Co., paper & pulp mills & wood pulp, importers, 75 Duane, New York.  
Bulkley, Hy. W., heaters, Orange, N. J.  
Bull Creek Sand & Gravel Co., Columbus, Ga.  
Bull, Edward H., contractor, Waltham, Mass.  
Bull, Edwin C., bldg. contractor, Waltham, Mass.  
Bull Run Talc & Soapstone Co., Clifton Station, Va.  
Bull Tractor Co., 2628 Univ. av. S. E., Minneapolis, Minn.  
Bull, Wm., textile machy., supplies, etc., Bennington, Vt.  
Bull, Wm. C., architect, Bennington, Vt.  
Bullard Brick Co., Jackson, Miss.  
Bullard & Bullard, architects, Unity Bldg., Springfield, Ill.  
Bullard Co., maps, 46 Cornhill, Boston, Mass.  
Bullard, Elizabeth, landscape architect, 472 Park pl, Bridgeport, Conn.  
Bullard & Gormley Co., whol. hdwe., 175 N. State, Chicago, Ill.  
Bullard & Hill, architects, Provident Bldg., Tacoma, Wash.  
Bullard, Hoagland & Benedict, lumber & masons' & bldrs.' matls., Omaha, Neb.  
Bullard Machine Tool Co., boring & turning machines, Bridgeport, Conn.  
Bullard Spec. Co., roof flanges, Tiffin, Ohio  
Bullard Spec. Co., speed indicators, Springfield, Mass.  
Bullard Thread Co., Holyoke, Mass.  
Bullen, B., Lumber & Coal Co., masons' & bldrs.' matls., Stillwater, Okla.  
Buller Brush Co., Hartford, Conn.  
Bulley & Andrews, contractors, 25 N. Dearborn, Chicago, Ill.  
Bullington Engineering Wks., Portland, Ore.  
Bullman, E. O., Mfg. Co., bottle openers, Grand Rapids, Mich.  
Bullock, C. K., mill & facty. supplies, 1357 Ridge av, Phila., Pa.  
Bullock, Geo. H., contractor, Wakefield, R. I.  
Bullock, John S., Lime & Cement Co., masons' & bldrs.' matls., 510 Colvin, Baltimore, Md.  
Bullock Mfg. Associates, machinists, Springfield, Mass.  
Bullock, T. H., Mfg. Co., blacksmiths' bellows, Cleveland, Ohio.  
Bullock Tractor Co., 1801 Diversey Parkway, Chicago, Ill.  
Bullockville Home Mixture Guano Co., Bullockville, Ga.  
Bull's Ferry Chemical Co., dyes & dyestuffs, Edgewater, N. J.  
Bulls Gap Canning Co., Bulls Gap, Tenn.  
Bulow Turpentine Co., Bulow, Fla.  
Bultman, F. H., Co., gears, Cleveland, Ohio.  
Bumby, H. E., scrap iron & steel, Bessemer, Ala.  
Bumby, Jos., Hardware Co., Orlando, Fla.  
Bumann Mfg. Co., oil cans, razor stropers, traps, Litchfield, Ill.  
Bumpass Coop Co., poultry coops, Bumpass, Va.  
Bumps Paper Fastener Co., La Crosse, Wis.  
Bumstead, F. E., machinists, Colorado Springs, Colo.  
Bumstead, F. F., machinist, Ontario, Cal.  
Bunce Art Glass Co., Richmond, Va.  
Bunce, J. Oscar, architect, 286 5th av, New York.  
Bunck, Jno. J., & Co., brushes, brooms, 155 Chambers, New York.  
Bundo Bros., contractors, 1018 E. 75th, Chicago, Ill.  
Bundy Mfg. Co., machinists, Endicott, N. Y.  
Bungalow Construction Co., 1026 Main, Hartford, Conn.  
Bungalow Craftsman Co., portable houses, Seattle, Wash.  
Bungalow Magazine, trade publications, Seattle, Wash.  
Bungardner, I. A., Co., contractors, Scandn-Amer. Bk. Bldg., St. Paul, Minn.  
Bunger & Scheidegger, machinists, Cleveland, Ohio.  
Bungert, P. J., architect, Rockville Center, N. Y.  
Bunker-Culler Lumber Co., Bunker, Mo.  
Bunker, C. W. Co., contractors, Grand Rapids, Mich.  
Bunker Hill Canning Co., Bunker Hill, Ind.  
Bunker, Wm., G., architect, Augusta, Me.  
Bunkie Brick Works, Ltd., Bunkie, La.  
Bunn & Nase, contractor, 1123 B'way, New York.

Bunnecke, Geo., & Sons, contractors, 305 St. Paul, Baltimore, Md.  
Bunnell, J. H., & Co., tele. & telephone app.; batteries, alarms, etc., 32 Park pl, New York.  
Bunnell, W. H., washers, plugs, cups, 131 Worth, New York.  
**BUNTING BRASS & BRONZE CO.**, bronze bushings & bearings, 738 Spencer, Toledo, Ohio. *See adv index at end of book.*  
Bunting Hardware Co., 810 Walnut, Kansas City, Mo.  
Bunting Iron Works, Coalinga, Cal.  
Bunting, J. R., Bedding Co., 1505 Wharton, Philadelphia, Pa.  
Bunting & Shrigley, architects, 603 Chestnut, Philadelphia, Pa.  
Buntion & Bernard, contractors, Manchester, N. H.  
Buob & Scheu, machsts. & auto. wood bodies, 216 Webster, Cincinnati, Ohio.  
Buonanno & Marcello Co., contractors, 583 Laurel Hill av, Providence, R. I.  
Buoy, John Y., Co., mill & facty. supplies, Milton, Pa.  
Buoy, Jno. Y., Co., wholesale hardware, Milton, Pa.  
Burbank, Ralph N., architect, 75 State, Boston, Mass.  
Burbank & Ryder, paint & varnishes, Boston, Mass.  
Burch, F. J., Mfg. Co., tents, Pueblo, Colo.  
Burch, F. S., & Co., sheep dips, disinfectants, 152 W. Huron, Chicago, Ill.  
Burch, Horace O., contractors, New London, Conn.  
Burch Plow Wks. Co., Crestline, Ohio.  
Burchartz Fireproofing Co., 26 Cortlandt, New York.  
Burcher & Robinson, contractors, Scranton, Pa.  
Burchett & Billings, lbr., Austin, N. C.  
Burchfield, T. T., Co., machinery dlr., 54 N. 6th, Phila., Pa.  
Burchwell Mfg. Co., lamps, Pontiac Bldg., St. Louis, Mo.  
Burchard Blacking & Oil Co., shoe blacking, 1322 Greenmount av, Baltimore, Md.  
Burd, Chas. E., contractor, Red Bank, N. J.  
Burd High Compression Ring Co., 23d av & 10th, Rockford, Ill.  
Burden & Blakeslee, can righting machs., Cazenovia, N. Y.  
Burden, Chester G., architect, 340 Madison av, New York.  
Burden Iron Co., bolts, nuts, horse shoes, Troy, N. Y.  
Burdett Chair Mfg. Co., furniture, rattan & reed, Keene, N. H.  
Burdett Mfg. Co., cotton mops & rope, Kansas City, Mo.  
Burdett Mfg. Co., oxy-acet. welding apparatus, 1401 W. Jackson Blvd., Chicago, Ill.  
Burdett-Rowntree Mfg. Co., dumb waiters, 119 W. 40th, New York.  
Burdett, Smith & Co., hot air furnaces, Troy, N. Y.  
Burdette Cooperage Co., Burdette, Ark.  
Burdick, A. E., architect, Oskaloosa, Ia.  
Burdick, A. W., & Co., cornices & skylights, Memphis, Tenn.  
Burdick Cabinet Co., 15 E. Washington, Chicago, Ill.  
Burdick Enamel Sign Co., 220 S. State, Chicago, Ill.  
Burdick, I. N., lock corner packing & shelf hdwe. boxes, 136 Wooster, New York.  
Burdick, L. F., Co., heating contractors, 2011 Adams, Toledo, O.  
Burdick, S. O., architect, bldg. contr., Rutland, Vt.  
Burdick & Son, stove trimmings, stampings, etc., Albany, N. Y.  
Burdie Bros., brick, Glasgow, Mo.  
Burdin, J. J., & Bro., lumber & saw mill, St. Martinsville, La.  
Burdine, I. C., contractor, 1539 Grand av, St. Paul, Minn.  
Burditt Bros., masons' & bldrs.' matls., Rutland, Vt.  
Burditt & Williams Co., whol. hdwe., 95 Summer, Boston, Mass.  
Burdial, A., Co., paint mfrs.; wood stains & fillers, etc., Indianapolis, Ind.  
Burdial, Wm. H., contractor, Lansdowne, Pa.  
Bureau Bros., architect'l bronze fndrs., 23d & Westmoreland, Philadelphia, Pa.  
Burfiend, Wm. F., architect, 1324 S. State, Chicago, Ill.  
Burg, E. F., hotel supplies, 224 W. First, Duluth, Minn.  
Burg, L., Carriage Co., Dallas City, Ill.  
Burgan, Wm. M., lumber mfrs., American bldg., Baltimore, Md.  
Burgard, Henry P., Co., contractors, 1968 Fillmore av, Buffalo, N. Y.  
Burgaw Brick Wks., Burgaw, N. C.  
Burge Mach. Wks., 230 N. Jefferson, Chicago, Ill.  
Burger, August, machst. & fndr., Mobile, Ala.  
Burger & Baumgard, who. hdwe., 88 White, New York.  
Burger Boat Co., motor boat, launch & yacht bldrs., Manitowoc, Wis.  
Burger & Gohlke, cornices, 232 7th, Brooklyn, N. Y.  
Burger, H. B., Jr., ship bldrs., Manitowoc, Wis.  
Burger Iron Co., Akron, Ohio.  
Burger, Wm., masons' & bldrs.' matls., Boonville, Mo.  
Burgeson, C. F., contractors & dock bldrs., Tacoma, Wash.  
Burgess Battery Co., dry batteries, Madison, Wis.  
Burgess, C. F., Laboratories, chem. engineers & elec. lamp flashlights, Madison, Wis.  
Burgess, C. H., stone producers, Euclid Quarries, Cleveland, O.  
Burgess, Chas. V., architect, Security Tr. Bldg., Lynn, Mass.  
Burgess & Co., potters' supplies, East Liverpool, Ohio.  
Burgess Co. & Curtis, aeroplanes & supplies, Marblehead, Mass.  
Burgess Construction Co., Hartford, Conn.  
Burgess, Forbes & Co., white lead & paint mfrs., Portland, Me.  
Burgess-Granden Co., electric & gas light fixtures, Omaha, Neb.  
Burgess, Jas., cornices, 254 Prairie av, Providence, R. I.  
Burgess, Jas. S., lumber mfrs., Marathon, N. Y.  
Burgess & Long, chemical engrs., Columbus Savings & Trust Bldg., Columbus, Ohio.  
Burgess, M. W. & J. G., flour mills, Reader, W. Va.  
Burgess Mach. Co., New Haven, Conn.



- Burgess & Norton Mfg. Co., hardware & hatchets, Geneva, Ill.  
 Burgess Soldering Furnace Co., Columbus, Ohio.  
 Burgess Sulphite Fibre Co., sulphite pulp, Portland, Me.  
 Burgess, W. C., & F. D., advtg. nov. & spec., Newark, N. J.  
 Burgess, W. Starling, Co. (Ltd.), naval architects, Marblehead, Mass.  
 Burgett, L. A., & Co., contractors, Lorain, Ohio.  
 Burggraf, C. H., architect, Albany, Ore.  
 Burgin, Dr. J. H., chemicals, 130 Pearl, New York.  
 Burgin Packing Co., canned goods, Cincinnati, Ohio.  
 Burglar Proof Lock & Hdwe. Corp., 75 Fulton, New York.  
 Burgmann, Feodor, packing mfr., 26 Cortlandt, New York.  
 Burgmaster, Daniel, heating contractor, 70 Del. av, Buffalo, N. Y.  
 Burgren, Albert W., architect, 30 Woodland av, San Francisco, Cal.  
 Burgy, F. F., machsts. & fndrs., Edgerton, Wis.  
 Burham Safety Razor Co., 66 Murray, New York.  
 Burhans & Black, wholesale hdwe., 136 N. Salina, Syracuse, N. Y.  
 Burhans & Black Co., mill & facty. supplies, Syracuse, N. Y.  
 Burhans, Lewis, contractor, Newburgh, N. Y.  
 Burhorn, Edwin, Co., water cooling towers, 71 Wall, New York.  
 Burk Construction Co., New Castle, Ind.  
 Burk, Frank, contractor, New Castle, Ind.  
 Burk, Louis, meat packers, Girard & 3d, Philadelphia, Pa.  
 Burk Machine Tool Co., Conneaut, Ohio.  
 Burk, Michael F., architect, 333 Union, Lynn, Mass.  
 Burk, Wm. B., & Co., sponges, chamois, 6th & Arch, Phila., Pa.  
 Burk, Wm. R., architect, Hicks Bldg., New Orleans, La.  
 Burke, Andrus, Sand Co., Fort Smith, Ark.  
 Burke, Augustus, Roofing Co., roofing felts, 2621 N. Halsted, Chicago, Ill.  
 Burke Brick Co., Fort Smith, Ark.  
 Burke Bros., granite, Barre, Vt.  
 Burke Construction Co., Fort Smith, Ark.  
 Burke County Oil & Fertilizer Co., Waynesboro, Ga.  
 Burke, D. F., contractor, 7 Alden, Boston, Mass.  
 Burke, E. J., architect, Eureka, Cal.  
 Burke Elec. Co., stor. battery charging sets & mfrs. of electr'l. machy., Erie, Pa.  
 Burke Furnace Co., locomotive stokers & smokeless furnaces, 223 W. Austin av, Chicago, Ill.  
 Burke Golf Co., Newark, Ohio.  
 Burke, J. J., & Co., contractors, Kearns Bldg., Salt Lake City, Utah.  
 Burke, Jas. J., & Sons, contractors, 336 Katherine, Buffalo, N. Y.  
 Burke, John R., contractor, 78 Devonshire, Boston, Mass.  
 Burke Mach. Tool Co., drilling machines (bench), Conneaut, O.  
 Burke Mfg. Co., razor stoppers, Dayton, Ohio.  
 Burke, P. F., machsts. & fndrs., Damrell, S. Boston, Mass.  
 Burke, P. J., Monumental Works, Washington C. H., Ohio.  
 Burke-Peterson Const. Co., 2114 Lincoln av, Chicago, Ill.  
 Burke, Smith & Nelson, contractors, Muskegon, Mich.  
 Burke, T. C., masons' & bldrs.' matls., Macon, Ga.  
 Burke, Timothy, contractor, Scranton, Pa.  
 Burke, W. J., contractor, Lyndhurst, N. J.  
 Burkete, A. H., mill & facty. supplies, Gosport, Ind.  
 Burkett, J. T., & Co., architects, Waterloo, Ia.  
 Burkett Lightning Rod Co., Fremont, Ohio.  
 Burkett Mfg. Co., oil engines & baling presses, 162 W. Spring, Columbus, Ohio.  
 Burkettville Canning Co., Burkettville, Ohio.  
 Burkhardt, Thos., stills, 494 Flushing av, Brooklyn, N. Y.  
 Burkhardt, G., Mfg. Co., cornices, 2123 N. Clark, Chicago, Ill.  
 Burkhardt, Hy., Packing Co., meat packers, Dayton, Ohio.  
 Burkhardt, Jacob, common brick, Waterloo, Ill.  
 Burkhardt, John, bronze doors, gates, door hangers, 531 W. 55th, New York.  
 Burkhardt Packing & Provn. Co., Denver, Colo.  
 Burkhardt, W. A., flour mills, Vinegrove, Ky.  
 Burkhardt, Geo. J., & Sons, wood tanks, Drexel Bldg., Phila., Pa.  
 Burkhead, G. W., architect, Commercial blk. Sioux City, Ia.  
 Burkholder, I. C. & Son, canned goods, Buchanan, Va.  
 Burkholder Lumber Co., 211 Lbr. Ex., Minneapolis, Minn.  
 Burkholder, Sam'l, Lbr. Co., Crawfordsville, Ind.  
 Burkley, Geo. F., canned goods, Belcamp, Md.  
 Burks, P. I., & Co., pianos, Louisville, Ky.  
 Burks Spring Distilling Co., Loretto, Ky.  
 Burleigh, R., & Sons, wood handles, Dermott, Ark.  
 Burleson, J. E., Mica Co., Spruce Pine, N. C.  
 Burlew Hardware Co., Charleston, W. Va.  
 Burley Heater Co., Tyrone, Pa.  
 Burley, Jas. L., architect, 347 5th av, New York.  
 Burley & Winter Pottery Co., Crooksville, Ohio.  
 Burlingame, A., Co., mill & facty. supplies, Worcester, Mass.  
 Burlingame, Clarence E., archt., 42 Weybosset, Providence, R. I.  
 Burlingame & Darby's Co., masons' & bldrs.' matls., mill & facty. supplies, & wholesale hdwe., North Adams, Mass.  
 Burlingame, S. F., kerosene & gasoline engine mfrs., Worcester, Mass.  
 Burlingame, Walter E., assayers, Denver, Colo.  
 Burlington Basket Co., Burlington, Ia.  
 Burlington Blanket Co., Burlington, Wis.  
 Burlington Brass Works, mchsts. & fndrs., Burlington, Wis.  
 Burlington Brick & Tile Co., Burlington, Wis.  
 Burlington Buggy Co., Burlington, Ia.  
 Burlington Coffin Co., Burlington, N. C.  
 Burlington Construction Co., Burlington, Ia.  
 Burlington County Farmers' Exchange, fertilizer mfrs., Mt. Holly, N. J.  
 Burlington Flouring Co., Burlington, Vt.  
 Burlington Granite Co., Burlington, Vt.  
 Burlington Grocery Co., masons' & bldrs.' matls., Burlington, Vt.  
 Burlington Iron Store Co., Burlington, Ia.  
 Burlington Lumber Co., Burlington, Ia.  
 Burlington Rendering Co., Burlington, Vt.  
 Burlington Soap Co., Burlington, Ia.  
 Burlington Supply Co., fertilizer mfrs., Burlington, N. J.  
 Burlington Venetian Blind Co., Burlington, Vt.  
 Burlington Vinegar & Pickle Wks., Burlington, Ia.  
 Burlington Watch Co., 19th & Marshall blvd., Chicago, Ill.  
 Burlington Willow Ware Shops, baskets, Burlington, Ia.  
 Burmite Roofing Co., 19 S. La Salle, Chicago, Ill.  
 Burms Co., contractors, Lindly, Bridgeport, Conn.  
 Burn-Boston Battery & Mfg. Wks., 134 State, Boston, Mass.  
 Burnap, George, landscape architect, 808 17th, N. W., Washington, D. C.  
 Burner, E. & Co., contractors, South Bend, Ind.  
 Burner & Macomber, Archts., McKnight Bldg., Minneapolis, Minn.  
 Burner, Owen M., Co., lumber mfrs., Land Title Bldg., Phila., Pa.  
 Burnet Co., mill & facty. supplies, 69 South, New York.  
 Burnett Bag & Burlap Co., Howard & Ostend, Baltimore, Md.  
 Burnett Bros., granite producers, Milford, N. H.  
 Burnett Canning Co., Burnett, Ind.  
 Burnett, E., architect, 11 E. 24th, New York.  
 Burnett Engineering & Constr. Co., 501 W. 145th, New York.  
 Burnett Foundry & Machine Works (Ltd.), Petoskey, Mich.  
 Burnett, Geo. B., & Son, palm leaf hats, 36 W. 4th, New York.  
 Burnett, Geo. C., architect, Cameron Bldg., Waco, Tex.  
 Burnett, J. H., Iron Wks., Fresno, Cal.  
 Burnett-Larsh Mfg. Co., elec. pumps; water supply systems, Dayton, Ohio.  
 Burnett & Loggans, architects, Bristol, Tenn.  
 Burnett, Rollin P., contractor, Society for Savings Bldg., Cleveland, Ohio.  
 Burnett, Sir Robert, & Co., distillers, 632 W. 34th, New York.  
 Burnett & Son, sashes, doors & blinds, Sacramento, Cal.  
 Burnett, Tom B., Co., mattresses, Dallas, Texas.  
 Burney Bros., mill & facty. supplies, Little Falls, N. Y.  
 Burnham, A. C., & F. G., brick, Montague City, Mass.  
 Burnham, Asa C., paper & pulp mills, Camden, N. J.  
 Burnham Bros., marine R'ways & dry docks, Gloucester, Mass.  
 Burnham Bros. Brick Co., 50th & State, Milwaukee, Wis.  
 Burnham, C. G., masons' & bldrs. matls., Holyoke, Mass.  
 Burnham & Davis Lbr. Co., Lowell, Mass.  
 Burnham, E. S. Co., canned goods, 16 Gansevoort, New York.  
 Burnham, Geo., architect, Portland, Me.  
 Burnham, Geo., & Higgins, archts., 120 Exchange, Portland, Me.  
 Burnham, Gilbert H., machsts., Newport, R. I.  
 Burnham & Ives Co., contractors, Bloomington, Ill.  
 Burnham, L. A. & Co., fish lines, Gloucester, Mass.  
 Burnham & Morrill Co., canned goods, Portland, Me.  
 Burnham-Standeford Co., sashes, doors & blinds, Oakland, Cal.  
 Burnham, W. R., & Co., architects, Scott Bldg., Lynchburg, Va.  
 Burnham, Walter E., contractor, Law Bldg., Baltimore, Md.  
 Burnitol Mfg. Co., cups—paper, cuspidors, etc., Orient av, Boston, Mass.  
 Burnley Battery & Mfg. Co., North East, Pa.  
 Burnoil Engine Co., mfrs. of oil engines, 1104 High, South Bend, Ind.  
 Burnot Mfg. Co., glue, 64 Gold, New York.  
 Burns, A. W., & Co., contractors, 55 E. State, Columbus, Ohio.  
 Burns & Bassick Co., mchsts. & fndrs., Bridgeport, Conn.  
 Burns Bros., contrs., & masons' & bldrs.' matls., New Castle, Pa.  
 Burns Bros., & Haley, contractors, Watertown, N. Y.  
 Burns & Campbell, granite producers, Petersburg, Va.  
 Burns Co., masons' & bldrs.' matls., Bridgeport, Conn.  
 Burns, D. H., stone producers, Chester, Pa.  
 Burns, E. Reed, platers' & polishers' compounds & supplies, 27 Jackson, Brooklyn, N. Y.  
 Burns Fire Brick Co., Williamsport, Pa.  
 Burns, Fleming & Co., heating contrs., 815 Forbes, Pittsburgh, Pa.  
 Burns, H. J., cornices & skylights, Spokane, Wash.  
 Burns & Hancock Fire Brick & Clay Co., Montezuma, Ind.  
 Burns, Harry, Lbr., Shippensburg, Pa.  
 Burns Hydro Carbon Burner Co., Fort Plain, N. Y.  
 Burns Iron Wks., 201 Commerce, Newark, N. J.  
 Burns, J. W., masons' & bldrs.' matls., Watertown, Wis.  
 Burns, Jabez, & Sons, machsts., 600 W. 43d, New York.  
 Burns, Jas., architect, 64 W. Randolph, Chicago, Ill.  
 Burns, Jas. F., boxes, cleats, couplings, 713 Cherry, Phila., Pa.  
 Burns, Jesse L., contractor, 6212 1st av, N., Birmingham, Ala.  
 Burns, Jno. E., Lumber Co., 700 W. Chicago av, Chicago, Ill.  
 Burns, John, Granite Co., 840 N. Main, Providence, R. I.  
 Burns, John, & Son, stone prod., 156 7th, Brooklyn, New York.  
 Burns, Jos. M., contractor, West Chester, Pa.  
 Burns Lbr. Co., Duluth, Minn.  
 Burns & McAlpine, contractors, Sarasota, Fla.  
 Burns, M. A., Mfg. Co., shingles, Eureka, Cal.  
 Burns, P., Saddlery Co., 715 Lucas, St. Louis, Mo.  
 Burns, Robt., Lbr. Co., Mitchell, S. D.  
 Burns & Russell Co., brick, American Bldg., Baltimore, Md.



- Burns, Sam'l T., lumber mfrs., Alton, N. Y.  
 Burns & Schilling, glass house molds, 589 Kent av, B'klyn, N. Y.  
 Burns & Snow, gloves & mittens—knitted, Nashua, N. H.  
 Burns Typewriter Co., Buffalo, N. Y.  
 Burns, W. F., Co., savings banks, 38 S. Dearborn, Chicago, Ill.  
 Burns, W. J., Co., contrs., Syracuse, N. Y.  
 Burnside Bros., lumber mfrs., Maryland, N. Y.  
 Burnside Excelsior Co., Burnside, Ky.  
 Burnside Roller Mills, flour, Burnside, Ky.  
 Burpee & Letson, canning machy., Bellingham, Wash.  
 Burr Bros., lumber mfrs., Gloversville, N. Y.  
 Burr Co., castings, manhole covers, spiral fire escapes, etc., Champaign, Ill.  
 Burr, David & Co., soap, 28 E. Kinzie, Chicago, Ill.  
 Burr, Henry E., landscape architect, Orange, N. J.  
 Burr & Houston Co., fndrs., 84 Calyer, Brooklyn, N. Y.  
 Burr, Howard B., architect, Waterloo, Ia.  
 Burr Incubator Co., Omaha, Neb.  
 Burr Index Co., Hartford, Conn.  
 Burr, John T., & Son, machy. mfrs., 429 Kent av, B'klyn, N. Y.  
 Burr Mfg. Co., tackle blocks, stretchers, etc., Whitney Power blk, Cleveland, Ohio.  
 Burr & Munsing, masons' & bldrs.' matls., Ludlow, Mass.  
 Burr Oak Belting Co., 521 Livingston, Cincinnati, Ohio.  
 Burr-Vack Co., toys, games & novelties, 511 S. Wabash av, Chicago, Ill.  
 Burrage, H. E., & Co., cornices & skylights, Leominster, Mass.  
 Burrage, Robt. R., glue mfrs., 83 Gold, New York.  
 Burrell Belting Co., woven & conveyor belting, 413 S. Hermitage, Chicago, Ill.  
 Burrell, Clay N., architect, Albany Bldg., Oakland, Cal.  
 Burrell & Co., cornices, Duluth, Minn.  
 Burrell, D. H., & Co., mill & facty. supplies, cow milking, butter printing & cutting, & cheese facty. machy., etc., Little Falls, N. Y.  
 Burrell Engineering & Construction Co., 323 S. La Salle, Chicago, Ill.  
 Burrell, H. G., cornices & skylights, Stoughton, Mass.  
 Burrell, Horace H., contractor, 206 Quince, Philadelphia, Pa.  
 Burrell Mfg. Co., cement machy., Bradley, Ill.  
 Burridge, B. W., electro plating, 461 Bush, San Francisco, Cal.  
 Burrill, J. R., architect, Exchange Bk. Bldg., Spokane, Wash.  
 Burrill, T. O., architect, Harrington, Wash.  
 Burris, Jno. T., & Son, shingles—metallic, Anderson, S. C.  
 Burritt, A. W., Co., lbr. mfrs., Bridgeport, Conn.  
 Burritt, O. W., & Bro., wholesale hdwe., Weedsport, N. Y.  
 Burroughs Adding Mach. Co., Detroit, Mich.  
 Burroughs-Baldwin Co., 87 Warren, New York.  
 Burroughs Bros. Mfg. Co., chemicals, Coca Cola Bldg., Balto., Md.  
 Burroughs, Chas., Co., machsts., 141 Commerce, Newark, N. J.  
 Burroughs, G. C., architect, Union Trust Bldg., Cincinnati, Ohio.  
 Burroughs, Geo., & Sons, trunk mfrs., 424 E. Water, Racine, Wis.  
 Burroughs, J. P., & Son, flour mills, Flint, Mich.  
 Burroughs & Mankin, brick, Richmond, Va.  
 Burroughs, R. A., & Co., coppersmiths, Norfolk, Va.  
 Burroughs-Ross-Colville Co., neck yokes, McMinnville, Tenn.  
 Burroughs & Taylor Co., woolen blankets, Cave, Tenn.  
 Burroughs, Thos. F., Sons, masons' & bldrs.' matls., Alexandria, Va.  
 Burroughs Tool Co., 87 Warren, New York.  
 Burroughs-White Trunk Co., Los Angeles, Cal.  
 Burrowes, E. T., Co., screens, wood & all metal for windows, doors & porches; home billiard tables, folding card tables, cedar chests & furniture specialties, mfrs., 70 Free, Portland, Me.  
 Burrowes, M. R., archt., Trussed Concrete Bldg., Detroit, Mich.  
 Burrows Cyclecar Co., Ripley, N. Y.  
 Burrows Fndry Co., Ellwood City, Pa.  
 Burrows Mfg. Co., regulators, traps, valves, etc., York, Pa.  
 Burrows Metal Mfg. Co., 521 W. 23d, New York.  
 Burrows, Sloan & Co., mfrs. agts., Real Estate Trust Bldg., Philadelphia, Pa.  
 Burrows, Thos. C., steel imptrs., 17 Burling Slip, New York.  
 Burrows, Walter R., track jacks, 80 Maiden la, New York.  
 Burrows, Wm. H., architect, Dayton, Wash.  
 Burrows, Wm., Mfg. Co., plumbers' wood wk., 430 Kent av, Brooklyn, N. Y.  
 Burrus Mill & Elevator Co., flour, Ft. Worth, Tex.  
 Burrus, O. M., & Bro., stone producers, Burlington, Ia.  
 Burruss Engng. Co., machy., Atlanta, Ga.  
 Burry & Markel Co., masons' & bldrs.' matls., Evans City, Pa.  
 Bursik & Krupka Co., sash, door & blind mfrs., 1919 S. Fairfield av, Chicago, Ill.  
 Burson Knitting Co., machy., Rockford, Ill.  
 Burson Mfg. Co., machsts., Rockford, Ill.  
 Burstein, Meyer, cotton waste, Neenah, Wis.  
 Burt, F. N., Co., boxes, Buffalo, N. Y.  
 Burt & Hicks, lbr., Biscoe, N. C.  
 Burt Mach. Co., 403 E. Oliver, Baltimore, Md.  
 Burt Mfg. Co., mattresses, 226 Eddy, Providence, R. I.  
 Burt Mfg. Co., ventilators, 40 Main, Akron, Ohio.  
 Burt & Mitchell Co., dry docks, etc., ft. Morris, Jersey City, N. J.  
 Burt Portland Cement Co., Bellevue, Mich.  
 Burt, W. A., & Son, flour, Simsboro, La.  
 Burtar, Adolph G., architect, 7616 Madison, Forest Park, Ill.  
 Burtchaell, John W., electric & gas light fixtures, 357 Ellis, San Francisco, Cal.  
 Burtis, D. H., cornices & skylights, Phoenix, Ariz.  
 Burton, A. & E., & Co., brooms & brushes, 73 Pearl, Boston, Mass.  
 Burton, A. G., Son, machsts., 118 S. Clinton, Chicago, Ill.  
 Burton, Alvah F., granite, Taomaston, Me.  
 Burton & Bendernagel, archts., Audubon Bldg., New Orleans, La.  
 Burton & Burton, contractors, Trenton, N. J.  
 Burton, C. A., Machy. Co., Kansas City, Mo.  
 Burton & Co., wholesale hdwe., Oxford, Ala.  
 Burton, D. F., hosiery—elastic, Pythian Temple, Cleveland, O.  
 Burton, E., fertilizer, St. Joseph, Mich.  
 Burton, E. P., Lbr. Co., Charleston, S. C.  
 Burton & Fenton, masons' & bldrs.' matls., Mount Vernon, N. Y.  
 Burton, G. F., Co., mill & facty. supplies, Springfield, Ohio.  
 Burton Hdwe. & Mfg. Co., cornices & skylights, Knoxville, Tenn.  
 Burton, Howard B., architect, 47 W. 34th, New York.  
 Burton, J., Co., cotton felts, 2024 S. Racine av, Chicago, Ill.  
 Burton, J. H., & Co., lbr., 45 B'way, New York.  
 Burton & Johnson Co., mchsts. & fdrs., 2301 Center av, Cleveland, Ohio.  
 Burton-Lingo Co., masons' & bldrs.' matls., Fort Worth, & El Paso, Tex.  
 Burton Powder Co., dynamite mfrs.; batteries, machines, etc., Empire Bldg., Pittsburgh, Pa.  
 Burton Range Co., 317 Walnut, Cincinnati, Ohio.  
 Burton, Reuben, cornices, Richmond, Va.  
 Burton-Swartz Cypress Co., lumber, Burton, La., & Perry, Fla.  
 Burton, T., & Son, canned goods, Millsboro, Del.  
 Burton, W. J., Co., ties, roofing, doors, tanks, etc., Junction & Leavitt avs, Detroit, Mich.  
 Burton, Walter, contractor, 28 S. 4th, Minneapolis, Minn.  
 Burtt Mfg. Co., machsts., Kalamazoo, Mich.  
 Burwak Elevator Co., 216 Fulton, New York.  
 Burwell, Elliot N., architect, 70 Kilby, Boston, Mass.  
 Burwell, J. C., masons' & bldrs.' matls., Winsted, Conn.  
 Bury Compressor Co., air & gas compressors, 17th & Raspberry, Erie, Pa.  
 Busch, A. H., Co., plumbers' & mill & facty. supplies, 150 N. Los Angeles, Los Angeles, Cal.  
 Busch, Adolphus, Glass Mfg. Co., Main & Dorcas, St. Louis, Mo.  
 Busch, J. C., Co., compressors, spruce cutters, cranes, hoists, etc., 140 Ferry, Milwaukee, Wis.  
 Busch & Percival, contractors, Brisbane Bldg., Buffalo, N. Y.  
 Busch, Rudolph J., contractor, 30 N. La Salle, Chicago, Ill.  
 Busch, Russell & Gelts Co., stone, Muncie, Ind.  
 Busch & Stewart, contractors, Williamsport, Pa.  
 Busch-Sulzer Bros-Diesel Engine Co., 2d & Gratiot, St. Louis, Mo.  
 Buscher, Wm. J., architect, 950 Allis, Milwaukee, Wis.  
 Buschner, A. C., & Co., silk tassels, 1253 Nostrand av, Brooklyn, N. Y.  
 Buse, Frederick, packing box mfrs., 1112 1st av, New York.  
 Buser, Nathaniel E., architect, Mount Morris, Ill.  
 Buser-Posen Tufting Mach. Co., Chillicothe, Ohio.  
 Busfield Machine Co., Haverhill, Mass.  
 Bush, Beach & Gent, chemicals, 80 Maiden la, New York.  
 Bush Bros., sash, door & blind mfrs., Royersford, Pa.  
 Bush Building Co., Nashville, Tenn.  
 Bush, C. P., Hardware Co., Columbus, Ga.  
 Bush, Chas. S., Co., lubricating oils & greases, 260 Weybosset, Providence, R. I.  
 Bush, Charles T., architect, 825 Julien av, Dubuque, Ia.  
 Bush, E. M., Hdwe. Co., Evansville, Ind.  
 Bush, F., & Son, contractors, Lexington, Ky.  
 Bush Fdry. & Metal Wheel Co., Quincy, Ill.  
 Bush, Geo. L., & Co., x-ray app., 334 Sutter, San Francisco, Cal.  
 Bush & Gerts Piano Co., 1550 Dayton, Chicago, Ill.  
 Bush Glass Co., Lansing, Mich.  
 Bush & Handwerk, cornices, Joliet, Ill.  
 Bush, J. D., & Co., lbr. mfrs., Dupont Bldg., Wilmington, Del.  
 Bush, Jas. S., store & bar fixtures, 239 B'way, New York.  
 Bush & Lane Piano Co., Holland, Mich.  
 Bush, W. J., & Co., oils, etc., 100 William, New York.  
 Bush, W. R., contractor, Springfield, Ohio.  
 Busha, S. J., fertilizer, Buford, Ga.  
 Bushauer, Peter, brass fndr., 261 Elm, Newark, N. J.  
 Bushel, R., brick, Stamford, Texas.  
 Bushell, A. A., & Son, contrs., Peoria, Ill.  
 Bushey, G. M., & Son, lime mfrs., Cavetown, Md.  
 Bushey, M. C., contractor, Springfield, Mass.  
 Bushman, Thomas, architect, Altoona, Pa.  
 Bushnell, Alvah, Co., filing containers, 925 Filbert, Phila., Pa.  
 Bushnell, Clarence E., plumbers' & mill & facty. supplies, 63 Carroll, Buffalo, N. Y.  
 Bushnell, G. B., contractor, Elkhart, Ind.  
 Bushnell, G. H., Press Co., machsts., Thompsonville, Conn.  
 Bushnell, John S., & Co., reducing wheels, etc., 146 Liberty, New York.  
 Bushnell, N. T., Co., wholesale hdwe., & mill & facty. supplies, New Haven, Conn.  
 Bushnell Novelty Co., wringers (mop), Mansfield, Ohio.  
 Bushnell Pump Co., Bushnell, Ill.  
 Bushnell Tank Works, coal chutes, Bushnell, Ill.  
 Bushnick Pork Pckg. Co., 29 Bushwick av, Brooklyn, N. Y.  
 Bushy, Geo., contractor, Lebanon, Ind.  
 Business Address Co., 23 Barclay, New York.  
 Business Men's Clearing House, Republic Bldg., Chicago, Ill.  
 Busk & Wind, contractors, Ramage Bldg., Omaha, Neb.



- Buss, Edw. A., paper archts., mill engrs., 85 Water, Boston, Mass.
- Buss, H. & Co., chalk imprts., 434 B'way, New York.
- Buss Mach. Wks., Holland, Mich.
- Busse Brick Co., Covington, Ky.
- Busse, Henry, & Co., contrs., Main & Wabash, Pittsburgh, Pa.
- Busselle, Alfred, architect, 132 Madison av, New York.
- Bussey Bros., thermometers, Phelps, N. Y.
- Bussmann Mfg. Co., enclosed fuses, 3819 N. 23d, St. Louis, Mo.
- Buswell Paint Co., Oakland, Cal.
- Butcher, Edwin, heddles, Worcester, Mass.
- Butcher & Gage, machsts., Jackson, Mich.
- Butcher, L. H., Co., glur mfrs., 44 Front, San Francisco, Cal.
- Butcher Polish Co., finishes for floors & other woodwork, mfrs., 356 Atlantic av, Boston, Mass.
- Butchers' Advocate Co., trade publication, 203 B'way, New York.
- Butcher's Packing Co., meat, 529 Poplar, Cincinnati, Ohio.
- Butensky, I., elec. & gas light fixtures, 342 Bowery, New York.
- Butke, Robert, contractor, Paxton Bldg., Omaha, Neb.
- Butler, A. G., steel stamps, etc., 253 B'way, New York.
- Butler Basket Co., Butler, Ind.
- Butler Bolt & Rivet Co., Butler, Pa.
- Butler Bottle Co., Butler, Ohio.
- Butler Brick & Tile Co., Butler, Ind.
- Butler Brick Wks., Austin, & Houston, Tex.
- Butler & Brittain, whol. hdwe., 55 Main, San Francisco, Cal.
- Butler Bros., wholesale hdwe., Rand bridge, Chicago, Ill.
- Butler Bros., contractors, N. Y. Life Bldg., St. Paul, Minn.
- Butler Bros. Piano Mfg. Co., 25 W. McMicken av, Cincinnati, O.
- Butler Car Wheel Co., Pittsburgh, Pa.
- Butler, Chas., architect, 16 E. 23d, New York.
- Butler, Chas. J., heating contr., 737 13th, N. W., Wash., D. C.
- Butler Co., machsts. & fdrs., Butler, Ind.
- Butler Cotton Oil Co., cottonseed meal, Albertville, Ala.
- Butler-Dietzler Hdw. Co., cornices, Kaukauna, Wis.
- Butler Doll Stand Co., Oak Park, Ill.
- Butler, Edmund F., & Co., plumbers' supplies—jobbers, 80 Pearl, Boston, Mass.
- Butler-Edwards Elec. Co., dynamotors, dental engines, etc., Easton, Pa.
- Butler Engine & Fdry Co., mchsts. & fdrs., Butler, Pa.
- Butler, G. T., architect, St. Augustine, Fla.
- Butler, Geo., architect, 62 W. 45th, New York.
- Butler, Harry, cornices & skylights, Bloomington, Ill.
- Butler, Henry, contractor, Long Island City, N. Y.
- Butler, Horne & Co., sash, door & blind mfrs., Norman Park, Ga.
- Butler, J. G., Builders' Supply Co., Savannah, Ga.
- Butler, J. W., & Bro., Co., contractors, Scan-Amer. Bk. Bldg., St. Paul, Minn.
- Butler-Kuser Oil & Fertilizer Co., Birmingham, Ala.
- Butler Lumber Co., Belleville, Wash.
- Butler Mfg. Co., barrels, pumps & tanks, Kansas City, Mo.
- Butler Mfg. Co., music cabinets, 721 N. Clinton, Syracuse, N. Y.
- Butler Mfg. Co., ventilator mfrs., 900 6th av, S. E., Minneapolis, Minn., & Indianapolis, Ind.
- Butler, Orrin H., soap, Berwick, Me.
- Butler, Philip H., & Co., soapstone laundry tubs, 197 B. S., Boston, Mass.
- Butler Plating & Mfg. Co., desk lights, 370 Atlantic av, Boston, Mass.
- Butler & Rodman, architects, 16 E. 23d, New York.
- Butler & Son, machinists, Seneca, Kans.
- Butler Stone Co., Sandusky, Ohio.
- Butler St. Fdry. & Iron Co., 3422 Normal av, Chicago, Ill.
- Butler, Thos. & Co., scrap iron & steel, 23 Medford, Boston, Mass.
- Butler, Victor K., Co., elec. light fix. mfrs., S. W. cor. Charles & Center, Baltimore, Md.
- Butler, Wm. L., contractor, Beach Haven, N. J.
- Butler, Wm. P., & Sons, wholesale hdwe., New Bedford, Mass.
- Butler, Wright, architect, Cumberland, Md.
- Butsch, M. C., contractor, St. Marys, Pa.
- Butt, Herbert G., models & patterns, 352 Atlantic av, Boston, Mass.
- Butt, Jos. A., canned goods, 111 N. B'way, Baltimore, Md.
- Butte Carriage Wks., Butte, Montana.
- Butte Engineering & Elec. Co., 683 Howard, San Francisco, Cal.
- Butte Machy. Co., Butte, Montana.
- Butte Sewer Pipe & Tile Co., Butte, Mont.
- Buttenbender, Jonas, cornices, 4154 Lincoln av, Chicago, Ill.
- Butter County Refining Co., canned goods, Monroe, Ohio.
- Butter Drawbar Co., 110 Engineers Bldg., Cleveland, Ohio.
- Butter, Gustav A., sash, door & blind mfrs., 603 Mitchell, Milwaukee, Wis.
- Butter, Sam'l, & Co., plumbers' solder, 284 Franklin, Boston, Mass.
- Butterfield, C. S., Co., lumber, Brookhaven, Miss.
- Butterfield Canning Co., Muncie, Ind.
- Butterfield & Co., machsts., Derbyline, Vt.
- Butterfield Lbr. Co., Norfield, Miss.
- Butterfield Trunk Co., Seattle, Wash.
- Butterfield, W. M., Co., architects, Manchester, N. H.
- Butterfield, Wells D., archt., David Whitney Bldg., Detroit, Mich.
- Butters Lbr. Co., Boardman, N. C.
- Butterweck, H. A., contractor, Allentown, Pa.
- Butterworth, H. W., & Sons Co., textile machy. supplies, etc., 2415 E. York, Philadelphia, Pa.
- Butterworth-Judson Co., chemicals, 61 B'way, New York, & Av. R & Passaic River, Newark, N. J.
- Butterworth & Lowe, machsts. & fdrs., Grand Rapids, Mich.
- Butterworth, S. D., architect, Lansing, Mich.
- Butterworth, Stephenson Co., archts., Couch Bldg., Portland, Ore.
- Butterworth, T. C., architect, Monterey, Cal.
- Butterworth, Wm. H., machsts., Trenton, N. J.
- Buttgenbach, Jos., & Co., meat packers, 336 4th, San Francisco, Cal.
- Buttler-Howell Co., sashes, doors & blinds, New Brunswick, N. J.
- Button Machy. Co., machsts., Hoboken, N. J.
- Buttress, J. A., Machine Wks., Los Angeles, Cal.
- Buttrick Lbr. Co., Waltham, Mass.
- Buttrill Guano Co., Jackson, Ga.
- Butts, J. R., Sons Co., contractors, Wheeling, W. Va.
- Butts, L. P., masons' & bldrs.' matls., Oneonta, N. Y.
- Butts & Ordway Co., whol. hdwe., 33 Purchase, Boston, Mass.
- Butz & Clader, contractors, Allentown, Pa.
- Butz, Edw. M., lumber, Easton, Pa.
- Butz, Frederick & Co., sashes, doors & blinds, Allentown, Pa.
- Butz, Jas. F., & Co., masons' & bldrs.' matls., Allentown, Pa.
- Butzon, E., smoking pipes, 157 W. Randolph, Chicago, Ill.
- Buvinger, G. W., & E. E., cornices, Dayton, Ohio.
- Buxton, G. W., brick, Martinsburg, W. Va.
- Buxton, Jos., steel scaffold brackets, 935 Scotten, Detroit, Mich.
- Buxton, W. A., machinery dlr., Worcester, Mass.
- Buys, Arthur Francis, architect, Nyack, N. Y.
- Buysse, Eugene, & E. Hartwick, architects, Kresge Bldg., Detroit, Mich.
- Buzby, C. M., & Sons, lbr. mfrs., 626 Wash. av, Phila, Pa.
- Buzzell, E. H., lumber, 71 Kilby, Boston, Mass.
- Buzzell, J. G., & Co., mchsts. & fdrs., 102 High, Boston, Mass.
- Buzzini, Walter J., gas & elec. cooking app., 505 W. 21st, New York.
- B. & W. Concrete Co., 207 Market, Newark, & Paterson, N. J.
- B. & W. Construction Co., 10 S. La Salle, Chicago, Ill.
- Byerly & Sons, asphalt, 2484 W. 4th, Cleveland, Ohio.
- BYERS, A. M., CO., PIPE & TUBE MILLS, 235 Water, Pittsburgh, Pa. See adv index at end of book.**
- Byers Bros. Construction Co., Kalamazoo, Mich.
- Byers, Clarkson, contractors, 806 Walnut, Philadelphia, Pa.
- Byers & Craig, contractors, New Castle, Pa.
- Byers, John F., Machine Co., auto cranes, hoists & derricks, 230 Sycamore, Ravenna, Ohio. See adv index at end of book.
- Byers Mfg. Co., machsts., New Haven, Conn.
- Byers, Robt. S., architect, Arlington Bldg., Rochester, N. Y.
- Byers & Smith, mill & facty. supplies, 105 Haverhill, Boston, Mass.
- Byesville Planing Mill Co., Byesville, Ohio.
- Byfield, Chas. H., architect, Law Bldg., Indianapolis, Ind.
- Byfield Woolen Co., Byfield, Mass.
- By-Products Coke Corp., 252 S. Mich. av, Chicago, Ill.
- Byram & Co., mchsts. & fndrs., 435 Guoin, Detroit, Mich.
- Byram Fdry Co., grey iron castings, Indianapolis, Ind.
- Byram Mfg. Co., hand soap, 373 Washington, Boston, Mass.
- Byrd, Arlie C., & Co., flour mills, Ruddle, W. Va.
- Byrd, D. M., flour mills, Franklin, W. Va.
- Byrd, F. L., & Co., turpentine, Milltown, Ga.
- Byrd, John, metallic window frame & sash, 1427 Catharine, Philadelphia, Pa.
- Byrd Lumber Co., Marion, Ind.
- Byrd Milling Co., flour, Cane River, N. C.
- Byrd, P. A., ties, Little Rock, Ark.
- Byrd Text. Machy. & Supply Co., Durham, N. C.
- Byrn Bros., wagon spokes, Brownsville, Tenn.
- Byrne Bros., cornices & skylights, Santa Cruz, Cal.
- Byrne Bros. Dredging & Engineering Co., 208 S. La Salle, Chicago, Ill.
- Byrne, Edward J., architect, 509 Willis av, New York.
- Byrne, Francis B., architect, 104 S. Michigan av, Chicago, Ill.
- Byrne, Frank J., htg. contrs., 1429 E. 7th, Brooklyn, N. Y.
- Byrne, Henry, contractor, 392 Mercer, Jersey City, N. J.
- Byrne, J. H., canned goods, Lowry, Va.
- Byrne, J. M., Lbr. Co., sash, door & blind mfrs., Kansas City, Mo.
- Byrne, Jno., cornices, Pittston, Pa.
- Byrne, John B., Inc., contractor, Cambridge, Mass.
- Byrne, Jos. T., common brick, 29th & Clearfield, Phila., Pa.
- Byrne, Kingston, Co., carbureters, spark plugs, wheels, etc., Kokomo, Ind.
- Byrne, Peter (Est. of), brick, 20th & Cambria, Philadelphia, Pa.
- Byrne-Renfro Lumber Co., Kansas City, Mo.
- Byrne, Thos. F., sweaters, etc., Phoenixville, Pa.
- Byrne-Turner Co., wood pipe, Bellingham, Wash.
- Byrnes Belting Co., 2109 Locust, St. Louis, Mo.
- Byrnes, Michael, Bldg. Co., Elizabeth, N. J.
- Byrnes, Thos. F., contractor, Utica, N. Y.
- Byromville Mfg. Co., cottonseed meal & oils, Byromville, Ga.
- Byrum Hardware Co., Birmingham, Ala.
- Bywater & Groo., cornices & skylights, Salt Lake City, Utah.
- Byxbee & Clark Co., lumber, Balboa Bldg., San Francisco, Cal.
- Caballero & Blanco, crude rubber, 17 Battery pl, New York.
- Cabaret, Paul E., & Co., arch'l bronze fndrs, 126 11th av, New York.
- Cabarrus Cotton Mills, Concord, N. C.



- Cable, Wm., Excelsior Wire Mfg. Co., 88 Ainslie, B'klyn, N. Y.  
 Cabinet Mfg. Co., bath cabinets, incubators, etc., Quincy, Ill.  
 Cable Co., pianos, 301 S. Wabash av, Chicago, Ill.  
 Cable Excavator Co., Comrl. Tr. Bl., Philadelphia, Pa.  
 Cable Flax Mills, cords, thread, twine, etc., Schaghticoke, N. Y.  
 Cable, G. W., Jr., masons' & bldrs.' matls., Fairfield, Ia.  
 Cable, Hobart M., Co., pianos, La Porte, Ind.  
 Cable-Nelson Piano Co., 209 S. State, Chicago, Ill.  
 Cable Piano Co., 137 W. 4th, Cincinnati, Ohio.  
 Cable & Sons, pianos, 550 W. 38th, New York.  
 Cable, W. N., masons' & bldrs., matls., 200 5th av, New York.  
 Cabot, Edwin S. (Est. of), gold leaf, 103 Arch, Boston, Mass.  
 Cabot, Godfrey L., carbon black, Old South Bldg., Boston, Mass.  
 Cabot Mfg. Co., cotton sheetings, Brunswick, Me.  
 Cabot, Samuel, Inc., mfg. chemists, building specialties, 141 Milk, Boston, Mass.  
 C. A. C. Axe Co., Holbrook, Mass.  
 Cache Knitting Wks., bathing suits, sweaters, etc., Logan, Utah.  
 Cadario, L. B., & Sons, contractors, 15 Court sq, Boston, Mass.  
 Cadden, Michael A., contractor, Scranton, Pa.  
 Caddo Oil Refinery, Shreveport, La.  
 Caddo Rapids Lumber Co., Alexandria, La.  
 Caddo River Lbr. Co., R. A. Long Bldg., Kansas City, Mo.  
 Caddo Window Glass Co., Shreveport, La.  
 Cade, John R., & Son, sashes, doors & blinds, Guttenberg, N. J.  
 Caden Stone Co., Evansville, Ind.  
 Cadillac Auto Truck Co., Cadillac, Mich.  
 Cadillac Casket Co., 214 Cherry, Detroit, Mich.  
 Cadillac Chemical Co., wood alcohol, Cadillac, Mich.  
 Cadillac Elec. Mfg. Co., elec. stoves, Cadillac, Mich.  
 Cadillac Handle Co., Cadillac, Mich.  
 Cadillac Lumber Co., sash, door & blind, Cadillac, Mich.  
 Cadillac Machine Co., Cadillac, Mich.  
 Cadillac Motor Car Co., 1343 Cass av, Detroit, Mich.  
 Cadillac Sand & Gravel Co., Toledo, Ohio.  
 Cadillac Turpentine Co., Cadillac, Mich.  
 Cadillac Varnish Wks., 31 Eastern pl, Detroit, Mich.  
 Cadillac Veneer Co., lumber, Cadillac, Mich.  
 Cadman, A. W., Mfg. Co., brass castings, 2816 Smallman, Pittsburgh, Pa.  
 Cadoo, John C. W., contractor, Flushing, N. Y.  
 Cadwallader, Dougherty & Co., boot & shoe counters, 113 N. 3rd, Philadelphia, Pa.  
 Cadwallader, Thos., poultry markers, Salem, Ohio.  
 Cadwell, Archie B., contractor, New Britain, Conn.  
 Cadwell, Chas. B., contractor, New Britain, Conn.  
 Cadwell Fertilizer Works, Cadwell, Ga.  
 Cadwell-Vernon Co., tel. cabinet wk., Jamestown, N. Y.  
 Cadwell, Wm. H., architect, New Britain, Conn.  
 Cady, C. N., Co., machsts. & fndrs., Canastota, N. Y.  
 Cady, Geo. L., & Sons, machsts., mill supplies, lbr., Lowell, Mass.  
 Cady, Geo. S., & Son, farm wagons, Moravia, N. Y.  
 Cady & Gregory, architects, 40 W. 32d, New York.  
 Cady, H. F., Lumber Co., Omaha, Neb.  
 Cady, Jeremiah Kiersted, architect, 179 W. Washington, Chicago, Ill.  
 Cady, John Hutchins, architect, 10 Weybosset, Providence, R. I.  
 Cady, Jno. N., architect, Summit, N. J.  
 Cady Mach. Co., Cleveland, Ohio.  
 Cady Mfg. Co., hardware specialties, Auburn, N. Y.  
 Cady, W. M., Lumber Co., McNary, La.  
 Caffery, J. H., carriages, 1712 Fairmount, Philadelphia, Pa.  
 Caffisch, Fred, handles, Union City, Pa.  
 Cagney Bros., plantation cars, 237 W. 34th, New York.  
 Cahalane, Daniel J., contractor, New Brighton, N. Y.  
 Cahill & Armstrong, architects, Hippodrome Bldg., Cleveland, O.  
 Cahill & Co., carriages, Wilmington, Del.  
 Cahill Iron Works, machsts. & fndrs., Chattanooga, Tenn.  
 Cahill, Jos. P., corn brooms, 820 W. 51st pl, Chicago, Ill.  
**CAHILL, M. F.**, brass, iron & steel, ferrules, mfrs., 710 E. 2nd, Boston, Mass. *See adv index at end of book.*  
 Cahill Mfg. Co., machsts. & fndrs., Worcester, Mass.  
 Cahill, P. J., machinist, Leeds, Mass.  
 Cahill-Swift Mfg. Co., plumbers' supplies, jobbers, St. Louis, Mo.  
 Cahill, W. S., Co., machinists, ft. of Webster, Baltimore, Md.  
 Cahn, Hugo, & Co., cork mfrs., 257 W. 17th, New York.  
 Cahoon & Hudgins, contractors, Norfolk, Va.  
 Cahoon Construction Co., Tampa, Fla.  
 Caiazzo, C., contractors, 6441 Dean, Pittsburgh, Pa.  
 Caille Bros. Co., vending machines & machsts. & fndrs., Detroit, Mich.  
 Caille Perfection Motor Co., 2d & Amsterdam, Detroit, Mich.  
 Cain Construction Co., Gary, Ind.  
 Cain-Grimshaw Co., masons' & bldrs.' matls., Bellingham, Wash.  
 Cain, Harry, cornices, Connersville, Ind.  
 Cain, Herbert L., architect, Va. Ry. & Power Bldg., Richmond, Va.  
 Cain Mach. Co., East Liverpool, Ohio.  
 Cain, Milo, cornices, Kokomo, Ind.  
 Cain-O'Berry Boiler Co., Orlando, Fla.  
 Caine, Chas. W., masons' & bldrs.' matls., Cleves, Ohio.  
 Caine, John J., iron scrap, N. American Bldg., Philadelphia, Pa.  
 Caine Stone Co., Warner rd. & C. & P. Ry., Cleveland, Ohio.  
 Caird Engineering Wks., Helena, Mont.  
 Cairns, Bayard S., architect, 411 West End av, New York.  
 Cairns & Bro., fire trumpets, 186 Lafayette, New York.  
 Cairns, Hugh, archt. modelers, 9 Harcourt, Boston, Mass.  
 Cairo Guano Co., Cairo, Ga.  
 Cairo Milling Co., flour, Cairo, W. Va.  
 Cairo Thread Works, 105 Wooster, New York.  
 Cake, Chas. W., lbr., Norfolk, Va.  
 Calafati, Salvator S., architect, 221 Huguenot, New Rochelle, N. Y.  
 Calabane, Jas. P., contractor, Jamestown, N. Y.  
 Calander, Jno., ladders, 629 Jackson, St. Paul, Minn.  
 Calcasieu Long Lead Lumber Co., Lake Charles, La.  
 Calcasieu L'br. Co., Austin, Tex.  
 Calcis Lime & Stone Co., Calcis, Ala.  
 Calcite Quarry Co., stone producers, Annville, Pa.  
 Calco Chemical Co., aniline colors, dyes, etc., Bound Brook, N. J.  
 Calculagraph Co., time recorders, etc., 30 Church, N. Y.  
 Calculator Corp., calculating machines, 4th Nat. Bank Bldg., Grand Rapids, Mich.  
 Calculator Sales Co., machinery, Grand Rapids, Mich.  
 Calcutt, N. W., Co., cooperage stock, Dyersburg, Tenn.  
 Caldabaugh Bros., cornices, Wheeling, W. Va.  
 Caldbeck-Cosgrove Corp., masons' & bldrs.' matls., St. Johnsbury, Vt.  
 Calder, Geo. H., emery wheel cutters, mfrs., Lancaster, Pa.  
 Calder Mach. Wks., 420 N. 3d, Philadelphia, Pa.  
 Calder, Robt., Co., cornices, 86 Exch., Rochester, N. Y.  
 Calder, Wm. M., contractor, 1648 11th av, Brooklyn, N. Y.  
 Caldwell, A. & G. J., gin distillers, Newburyport, Mass.  
 Caldwell, B. F., cornices & skylights, Pomona, Cal.  
 Caldwell, Chas. H., architect, 101 Park av, New York.  
 Caldwell & Drake Iron Works, Columbus, Ind.  
 Caldwell, E. H., & Son, machy. dealers, Corpus Christi, Tex.  
 Caldwell, E. R., & Co., machsts. & fndrs., Bradford, Pa.  
 Caldwell, E. R., & Son Brass Co., fndry, 619 W. Fayette, Syracuse, N. Y.  
 Caldwell, Edw. F., & Co., elec. & gas light fixtures, 38 W. 15th, New York.  
 Caldwell-Edwards' Handle Mills, Union Springs, Ala.  
 Caldwell, Francis G., architect, Stephen Girard Bldg., Phila., Pa.  
 Caldwell, H. S., air compressors, 431 W. 84th, New York.  
 Caldwell, H. W., & Son Co., elevating & conveying & power transmitting machinery & mill & facty. supplies, 17th & Western av, Chicago, Ill.  
 Caldwell & Iseminger Co., contrs. & sash, door & blind mfrs., Middletown, Ohio.  
 Caldwell, J. D., Co., machy. dtrs., Oregonian Bldg., Portland, Ore.  
 Caldwell, Jos. S., ffling cabinets & devices, Syracuse, N. Y.  
 Caldwell Lumber Co., Oil City, Pa.  
 Caldwell Mfg. Co., sash balances, etc., Rochester, N. Y.  
 Caldwell Milling Co., flour, Caldwell, Kan.  
 Caldwell Oil Mill Co., meal, Caldwell, Tex.  
 Caldwell, P. J., Co., felts, 21 Park Row, New York.  
 Caldwell, S. J., R. R. ties, Plain Dealing, La.  
 Caldwell, W. E., Co., mill & facty. supp., tanks, towers, wind mills, pumps, engines, power transmitting, machy., etc., Louisville, Ky. *See adv index at end of book.*  
 Caldwell, Walter G., architect, Williamson Bldg., Cleveland, O.  
 Caldwell & Ward Brass Co., machsts. & fndrs., Syracuse, N. Y.  
 Caldwell-Watson Fdry. & Mach. Co., Birmingham, Ala.  
 Caldwell, Wm. A., architect, De Menil Bldg., St. Louis, Mo.  
 Calebaugh Self-Lubricating Carbon Co., carbon brushes, 1503 Columbia av, Philadelphia, Pa.  
 Caledonia Bean Harvesting Wks., Caledonia, N. Y.  
 Caledonia Chemical Co., Caledonia, N. Y.  
 Caledonia Wagon & Iron Works, Caledonia, Minn.  
 Calhoun, D. A., & Co., contractors, 52 Vanderbilt av, New York.  
 Calhoun, E. C., architect, 911 Franklin, Reading, Pa.  
 Calhoun Foundry Co., Anniston, Ala.  
 Calhoun & Miller, contractors, 6200 Penn av, Pittsburgh, Pa.  
 Calhoun Mills, cotton sheetings, Calhoun Falls, N. C.  
 Calhoun Pattern Fdry. & Mach. Co., Houston, Tex.  
 Calhoun Roller Mills, flour, Calhoun, Ga.  
 Cal. Adding Mach. Co., machsts. & fndrs., Flood Bldg., San Francisco, Cal.  
 Cal. Arizona Construction Co., 1700 E. Washington, Los Angeles, Cal.  
 Cal. Artistic Metal & Wire Co., 349 7th, San Francisco, Cal.  
 Cal. Auto Top Co., 347 Golden Gate av, San Francisco, Cal.  
 Cal. Barrel Co., 22nd & Illinois, San Francisco, Cal.  
 Cal. Bellows Works, 416 Harriet, San Francisco, Cal.  
 Cal. Belting Co., 1459 Mission, San Francisco, Cal.  
 Cal. Bestwall Co., plaster boards, San Francisco, Cal.  
 Cal. Boiler Works, 526 Howard, San Francisco, Cal.  
 Cal. Brass Wks. (Kingwell Bros.), castings & bell fndrs., 450 Natoma, San Francisco, Cal.  
 Cal. Brick Co., 110 Jessie, San Francisco, Cal.  
 Cal. Canneries Co., 600 Minnesota, San Francisco, Cal.  
 Cal. Casket Co., 959 Mission, San Francisco, Cal.  
 Cal. Chair Co., mattresses, Richmond, Cal.  
 Cal. Construction Co., 74 N. Montgomery, San Francisco, Cal.  
 Cal. Cornice Wks., Los Angeles, Cal.  
 Cal. Corr. Culvert Co., iron flumes, Berkeley, Cal.  
 Cal. Cotton Mills Co., Oakland, Cal.  
 Cal. Cut Glass Mfg. Co., Pasadena, Cal.  
 Cal. Cut Stone Co., 2136 S. Sawyer av, Chicago, Ill.  
 Cal. Door Co., 43 Main, San Francisco, Cal.



- Cal. Envelope Co., 31 Minna, San Francisco, Cal.  
 Cal. Fertilizer Wks., 1332 Evans av, San Francisco, Cal.  
 Cal. Fire Proof Door Co., Los Angeles, Cal.  
 Cal. Fixture Co., 1422 So. Main, Los Angeles, Cal.  
 Cal. Fdry. & Mach. Co., California, Pa.  
 Cal. Fresno Oil Co., Fresno, Cal.  
 Cal. Fruit Canners' Assn., 120 Market, San Francisco, Cal.  
 Cal. Gear Works, 2132 Folsom, San Francisco, Cal.  
 Cal. Glue Wks., Fairfax av & Rankin, San Francisco, Cal.  
 Cal. Granite Co., Roklin, Cal.  
 Cal. Hardware Co., 500 E. 1st, Los Angeles, Cal.  
 Cal. & Hawaiian Sugar Refining Co., 230 Cal., San Fran., Cal.  
 Cal. Hydraulic Engineering & Supply Co., 70 Fremont, San Francisco, Cal.  
 Cal. Ink Co., 33 Clementina, San Francisco, Cal.  
 Cal. Iron Works, Riverside, Cal.  
 Cal. Iron Works, San Diego, Cal.  
 Cal. Mach. Wks., California, Mo.  
 Cal. Mfg. Co., sash, dor & blind mfrs., 2243 S. Troy, Chicago, Ill.  
 Cal. Metal Enam. Co., enam. iron signs, Los Angeles, Cal.  
 Cal. Mill Co., sashes, doors & blinds, 645 Bryant, San Fran., Cal.  
 Cal. Notion & Toy Co., 555 Market, San Francisco, Cal.  
 Cal. Ore Testing Co., 591 Bay, San Francisco, Cal.  
 Cal. Ornamental Brick Co., Los Angeles, Cal.  
 Cal. Paint Co., Oakland, Cal.  
 Cal. Paper & Board Mills, 40 1st, San Francisco, Cal.  
 Cal. Perforating Screen Co., 416 Harrison, San Francisco, Cal.  
 Cal. Pine Box & Lumber Co., 1st Natl. Bk. Bldg., San Fran., Cal.  
 Cal. Planning Mill & Lbr. Co., Los Angeles, Cal.  
 Cal. Plate & Window Glass Co., 864 Mission, San Fran., Cal.  
 Cal. Pole & Piling Co., wood cross arms, San Francisco, Cal.  
 Cal. Polytechnic School, engng. schools & coll., San Luis Obispo, Cal.  
 Cal. Portland Cement Co., Los Angeles, Cal.  
 Cal. Pottery Co., 12th & Otis, San Francisco, Cal.  
 Cal. Pressed Brick Co., Niles, Cal.  
 Cal. Ripe Olive Co., canned, 268 Market, San Francisco, Cal.  
 Cal. Salt Co., Mills Bldg., San Francisco, Cal.  
 Cal. Saw Wks., 721 Brannan, San Francisco, Cal.  
 Cal. Scagliola Co., artificial marble, San Francisco, Cal.  
 Cal. School of Mechanical Arts, engng. schools & coll., Folsom & 26th, San Francisco, Cal.  
 Cal. Shade Cloth Co., 2181 Bryant, San Francisco, Cal.  
 Cal. Shipbuilding Co., Long Beach, Cal.  
 Cal. Show Case Co., Los Angeles, Cal.  
 Cal. Soap Co., 2437 E. 9th, Los Angeles, Cal.  
 Cal. Soap Co., Oakland, Cal.  
 Cal. Steam & Plumbing Supply Co., 671 5th, San Fran., Cal.  
 Cal. Sugar & White Pine Co., 1st National Bank Bldg., San Francisco, Cal.  
 Cal. Tallow Works, 1226 Evans av, San Francisco, Cal.  
 Cal. Tanning Co., 1905 Shenandoah av, St. Louis, Mo.  
 Cal. Tool Works, 181 Beale, San Francisco, Cal.  
 Cal. Well Tool & Mach. Wks., machsts, Los Angeles, Cal.  
 Cal. Wire Cloth Co., 587 Mission, San Francisco, Cal.  
 Cal. Woolen Mfg. Co., woolen blankets & flannels, California, Mo.  
 Calima Canning Co., Los Angeles, Cal.  
 Calkins Co., machinery, Los Angeles, Cal.  
 Calkins, Milford, lumber mfr., Brant, N. Y.  
 Calkins, Wm. H., cornices, 751 E. Long, Columbus, Ohio.  
 Call Bros. Hardware Co., Pikeville, Ky.  
 Call, Clarence, insulator pins & brackets, N. Wilkesboro, N. C.  
 Call, Geo. & Co., stone, L. I. City, N. Y.  
 Call-Watt Co., agricultural implements, Richmond, Va.  
 Callaghan, J., & Son, fire doors, Cleveland, Ohio.  
 Callaghan Machine & Die Co., Canton, Ohio.  
 Callahan Constr. Co., Knoxville, Tenn.  
 Callahan, Cornelius, Co., Siamese connectors, couplings, etc., 127 Purchase, Boston, Mass.  
 Callahan, J. W., & Son, heating contr., steam fitters' supplies, Worcester, Mass.  
 Callahan Lumber Co., Ltd., Midland, La.  
 Callahan, M. J., architect, Panama Bldg., Portland, Ore.  
 Callahan-Mandl Co., gen'l contractors, 105 N. Clark, Chicago, Ill.  
 Callahan, Michael J., htg. contrs., 343 W. 52d, New York.  
 Callahan & Schock, contractors, Indiana Harbor, Ind.  
 Callahan, Timothy E., granite, Montpelier, Vt.  
 Callahan, W. P., Co., gas, gasoline & oil engines, etc., Dayton, O.  
 Callahan, Wm., granite, Quincy, Mass.  
 Callam, John, & Co., masons' & bldrs.' matls., Kenton, Ohio.  
 Callanan, Geo., & Co., mill & facty. supplies, 218 Front, New York.  
 Callanan, Martin, glass stainers, 421 N. 19th, Philadelphia, Pa.  
 Callander, G. F., & Son, masons' & bldrs.' matls., Painesville, O.  
 Callaway, C. M., Lumber Co., Huntington, W. Va.  
 Callaway Hardware Co., Fulton, Mo.  
 Callaway, Wm. E., shoe blacking & polishes, 61 Wilkinson av, Jersey City, N. J.  
 Callery, W. W., & Co., Pittsburgh, Pa.  
 Calleson, C. A., machinery dealer, 50 Church, New York.  
 Calley Lumber Co., Fresno, Cal.  
 Callin, A. C., architect, Pittsburg, Kan.  
 Callis & Callis, architects, 2055 Kennedy av, Baltimore, Md.  
 Callis, D. Millard, naval architect, Munsey Bldg., Baltimore, Md.  
 Callis, Geo. R., Jr., architect, Knickerbocker Bldg., Baltimore, Md.  
 Calman, Emil, & Co., paints, enamels, varnishes, etc., 100 William, New York.  
 Calmar Mfg. Co., glass, Calmar, Ia.  
 Calnan, T. C., contractor, Anaconda, Mont.  
 Calo Chemical Co., aniline oils, Bound Brook, N. J.  
 Calor, C. H., hardware mfr., Plainville, Conn.  
 Caloric Co., electric stoves & elec. cooking app., Janesville, Wis.  
 Calson, A. E., contractor, Kewanee, Ill.  
 Calumet Brick Co., 111 W. Washington, Chicago, Ill.  
 Calumet Coal & Teaming Co., 9022 Commercial av, Chicago, Ill.  
 Calumet Concrete Construction Co., 100 W. 115th, Chicago, Ill.  
 Calumet Fdry. Equipment Co., Harvey, Ill.  
 Calumet Iron Wks., Balls la, Newark, N. J.  
 Calumet Steel Co., rolling & steel structural mills, etc., 208 S. La Salle Chicago, Ill.  
 Calumet Supply Co., mill & facty. supplies, Gary, Ind.  
 Calumet Supply Mfg. Co., folding cots, cattle guards, etc., 14 E. Jackson, Chicago, Ill.  
 Calvano, S., Iron Wks., West Hoboken, N. J.  
 Calvert Aniline & Chemical Co., 28 W. 3d, Cincinnati, Ohio.  
 Calvert Mach. Co., 1606 Thames, Baltimore, Md.  
 Calvert Mortar Color Works, Warner & Wooster, Baltimore, Md.  
 Calvert Stove & Htg. Co., 512 S. Chester, Baltimore, Md.  
 Calvert's, J., Sons, masons' & bldrs.' matls., 145 Griswold, Detroit, Mich.  
 Calvet, Pablo & Co., crude rubber, ivory nuts, 99 Water, New York.  
 Camassa, Jas. E., architect, 251 Shrewsbury, Worcester, Mass.  
 Cambre Bros., sashes, doors & blinds, Jackson, Miss.  
 Cambria Canning Co., Cambria, Wis.  
 Cambria Fertilizer Co., Johnstown, Pa.  
 Cambria Junk Co., scrap iron, Johnstown, Pa.  
 Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.  
 Cambria Spring Co., auto. springs, Los Angeles, Cal.  
 Cambria Steel Co., machsts. & fndrs., & wire, etc., Widener Bldg., Philadelphia, Pa.  
 Cambrian Limestone Co., Wampum, Pa.  
 Cambridge Brass Co., elec. fixtures, 50 Sudbury, Boston, Mass.  
 Cambridge City Casket Co., Cambridge City, Ind.  
 Cambridge Cornice & Sheet Metal Wks., 16 E. Dedham, Boston, Mass.  
 Cambridge Glass Co., Cambridge, Ohio.  
 Cambridge Iron Wks., Cambridge, Mass.  
 Cambridge Mfg. Co., lbr., Cambridge, Md.  
 Cambridge Milling Co., flour, Cambridge, Neb.  
 Cambridge Packing Co., canned goods, Cambridge, Ia.  
 Cambridge Plumbing Supply Co., Cambridge, Mass.  
 Cambridge Roofing Co., Cambridge, Ohio.  
 Cambridge Slate Co., roofing slate mfrs., Slatington, Pa.  
 Cambridge Starch Co., Cambridge, Minn.  
 Cambridge Steel Plow Co., Cambridge, N. Y.  
 Cambridge Tile Mfg. Co., Covington, Ky.  
 Camden Anchor-Rockland Mach. Co., Camden, Me.  
 Camden Brick Co., Camden, S. C.  
 Camden Canning Co., Camden, Ohio.  
 Camden City Glass Co., Camden, N. J.  
 Camden Cotton Oil Co., Camden, Ala.  
 Camden Elbow Co., elbows & shoes, conductor pipe, Camden, N. J.  
 Camden Forge Co., fndrs., Camden, N. J.  
 Camden Fndry. Co., machsts., Camden, N. J.  
 Camden Heating Co., Camden, N. J.  
 Camden Iron Wks., machsts. & fndrs., Camden, N. J.  
 Camden Lime Co., Camden, N. J.  
 Camden Lumber Co., Brunswick, Ga.  
 Camden Lumber Co., Camden, Me.  
 Camden Oil & Fertilizer Co., Camden, Ark.  
 Camden Packing Co., canned goods, Camden, N. Y.  
 Camden Pottery Co., Camden, N. J.  
 Camden Yacht Bldg. & Ry. Co., Camden, Me.  
 Came, J. E., Co., billiard tables, 114 Sudbury, Boston, Mass.  
 Camel Co., car doors, 332 S. Michigan av, Chicago, Ill.  
 Camenisch, John, cornices, La Salle, Ill.  
 Cameragraph Co., machsts., 906 Baltimore av, Kansas City, Mo.  
 Cameron, A. B., Piano Co., 127 Lincoln, New York.  
 Cameron, A. S., Steam Pump Works, Bowling Green Bldg., New York. *See adv index at end of book.*  
 Cameron Appliance Co., connectors, expansion bolts, testing clamps, etc., 48 Waters av, Everett, Mass.  
 Cameron & Barkley Co., mill & facty. & plumbers' supplies—jobbers, Charleston, S. C.  
 Cameron Bros. & Co., mill & facty. supplies, 268 Market, San Francisco, Cal.  
 Cameron & Co., contractors, Ryan Bldg., St. Paul, Minn.  
 Cameron Cotton Oil Co., cottonseed meal, Cameron, Tex.  
 Cameron & Disston, contractors, Hearst Bldg., San Fran., Cal.  
 Cameron Elec'l Mfg. Co., armatures, commutators, etc., Ansonia, Conn.  
 Cameron Engineering Co., cranes, trolleys, trucks, etc., E. Stroudsburg, Pa. *See adv index at end of book.*  
 Cameron, G. V. & F. W., plate glass, 284 Central av, Albany, N. Y.  
 Cameron, J. D., & Son Co., lbr. mfrs., Mobile, Ala.  
 Cameron, J. E., packing box mfr., Golden Dale, Wash.  
 Cameron, James L., architect, 1900 Euclid av, Cleveland, Ohio.  
 Cameron, Joe T., flour mills, Washburn, Tenn.



- Cameron, Joyce & Co., contractors, Keokuk, Ia.  
 Cameron Lbr. Co., Midland Bldg., Kansas City, Mo.  
 Cameron Machine Co., paper slitting & rewinding & fabric cutting Machines, etc., 61 Poplar, Brooklyn, N. Y.  
*See adv index at end of book.*  
 Cameron Oil Mill, meal, Cameron, S. C.  
 Cameron Powder Mfg. Co., Emporium, Pa.  
 Cameron, R. H., architect, State Bk. & Tr. Bldg., San Antonio, Tex.  
 Cameron, R. W., & Co., varnish gum imp., 23 So. William, New York.  
 Cameron, Schroth Co., steam fitters' supplies, 415 Rush, Chicago, Ill.  
 Cameron Septic Tank Co., Monadnock blk., Chicago, Ill.  
 Cameron Stove Co., iron forgings, Richmond, Va.  
 Cameron Tool Co., machsts. & fndrs., Cameron, W. Va.  
 Cameron, W. L., Co., buttons, 507 W. 50th, New York.  
 Cameron, Wm., & Co., masons' & bldrs.' matls., Waco, Tex.  
 Cameron Wire Wheel Co., 47 Adelaide, Detroit, Mich.  
 Cameron's, Jas., Sons, contrs. & masons' & bldrs.' matls., Keokuk, Ia.  
 Camillus Cutlery Co., Camillus, N. Y.  
 Camm, Geo. E., machinist, Johnstown, N. Y.  
 Camm & Hedges Co., sashes, doors & blinds, Petaluma, Cal.  
 Cammerer, H., & Son, cornices, Nashville, Tenn.  
 Camp Bros. & Co., agrlt. impts., portable elevators, washing machy., etc., Washington, Ill.  
 Camp Co., elec. hair dryers, La Crosse, Wis.  
 Camp Conduit Co., 306 Marshall Bldg., Cleveland, Ohio.  
 Camp, D. J., lbr. mfr., East Randolph, Vt.  
 Camp & Du Puy, architects, 426 E. Alder, Portland, Ore.  
 Camp, E. N., & Sons Co., agricultural implements, Moreland, Ga.  
 Camp Glass Co., window, Huntington, W. Va.  
 Camp, H. B., Co., underground conduits, Fulton Bldg., Pittsburgh, Pa.  
 Camp, Harry E., petroleum, Bradford, Pa.  
 Camp, J. M., & Son, carriages, Lincoln, Neb.  
 Camp, L. W., Co., brick, Akron, Ohio.  
 Camp Machine Shop, Atlanta, Ga.  
 Camp Mfg. Co., lumber, Franklin, Va.  
 Camp Spring Mill Co., flour, Nashville, Ill.  
 Camp, W. H., Co., fertilizer, Moreland, Ga.  
 Camp, W. R., architect, Chamber of Commerce Bldg., Washington, D. C.  
 Campbell, A. D., fertilizer mfr., Chipley, Fla.  
 Campbell, A. S., Co., elec. lamps, lighting systems, etc., 284 Commercial, Boston, Mass.  
 Campbell, Alden W., architect, 34th J., Sacramento, Cal.  
 Campbell, Andrew C., spring cotters & keys, Waterbury, Conn.  
 Campbell-Bosworth Mach. Co., 205 Lincoln, Boston, Mass.  
 Campbell Bros., contractors, Santa Fe, N. M.  
 Campbell Bros. Co., contractors, Youngstown, Ohio.  
 Campbell Bros. Co., meat packers, Danville, Ill.  
 Campbell Bros. Mfg. Co., agricultural implements, Harrison, O.  
 Campbell Building Co., Newhouse Bldg., Salt Lake City, Utah.  
 Campbell, C. M., & Sons, masons' & bldrs.' matls., Temple, Tex.  
 Campbell, Christopher, Inc., contractor, 286 5th av, New York.  
 Campbell & Clute Mach. Co., Cohoes, N. Y.  
 Campbell & Co., machinists, 13 Park Row, New York.  
 Campbell Constr. Co., Hazleton, Pa.  
 Campbell & Dann Mfg. Co., rims & felloes, carriage & wagon wheels, Tullahoma, Tenn.  
 Campbell & Dempsey Co., contractors, Kingston, N. Y.  
 Campbell, Don C., & Sons, flour, Lone Wolf, Okla.  
 Campbell, E. D., flour mills, Milford Square, Pa.  
 Campbell, E. W., architect, 5 Park Square, Boston, Mass.  
 Campbell Electric Co., X-ray & electro-medical apparatus, automatic time switches, low voltage, etc., 17 Stewart, Lynn, Mass.  
 Campbell Glass & Paint Co., Main & Gratiot, St. Louis, Mo.  
 Campbell, H. E., iron works, 409 W. Pearl, Albany, N. Y.  
 Campbell Hardware Co., Seattle, Wash.  
 Campbell-Harris Lbr. Co., Dallas, Tex.  
 Campbell, Harry E., Co., arch'l iron, 20 W. 40th, New York.  
 Campbell & Hartman, contractors, Portland, Ore.  
 Campbell Heating Co., Des Moines, Ia.  
 Campbell & Horgan, modelers & sculptors, 4718 Penn, Pittsburgh, Pa.  
 Campbell, Hugh, & Son, contractors, Bay City, Mich.  
 Campbell Iron Co., 821 Cass av, St. Louis, Mo.  
 Campbell, J. B., brass works, Erie, Pa.  
 Campbell, J., Co., canned goods, Camden, N. J.  
 Campbell, J. E., sash, door & blind, Humboldt, Tenn.  
 Campbell, J. G. & W., whol. hdwe. & mill & facty. supplies, Butler, Pa.  
 Campbell, J. M., cooperage stock, Caldwell, Ark.  
 Campbell, J. M., lubrg. oils & greases, 54 2d, Milwaukee, Wis.  
 Campbell, J. P., machy. dealer, Jacksonville, Fla.  
 Campbell, James, brick, Lehigh, Ia.  
 Campbell, Jas. F., & Son, machsts.; file & rasp mfrs., 13 Frost, Brooklyn, N. Y.  
 Campbell, Jas. I., architect, Woodcrest av & 163d, New York.  
 Campbell, Jas. N., Co., architects, Penn Bldg., Pittsburgh, Pa.  
 Campbell, John, contractor, San Diego, Cal.  
 Campbell, Jno., posts, hitching, Manchester, N. H.  
 Campbell, John, & Co., aniline colors, 75 Hudson, New York.  
 Campbell, John F., contractor, 2440 16th, San Francisco, Cal.  
 Campbell & Keppen, clothes pins, Lamont, N. Y.  
 Campbell, L. G., Milling Co., flour, Owatonna, Minn.  
 Campbell & Lewis, consulting htg. engineers, Watertown, N. Y.  
 Campbell Lumber & Mfg. Co., Hoag nr. Dorr, Toledo, Ohio.  
 Campbell, M. R., rims & felloes, carriage & wagon, Tullahoma, Tenn.  
 Campbell Machy. Co., 35 W. 39th, New York.  
 Campbell, Manson Co., Ltd., agricultural implements, Leavitt & Campbell, Detroit, Mich.  
 Campbell Mfg. Co., machinists & founders, Gadsden, Ala.  
 Campbell, Morrell & Co., masons' & bldrs.' matls., Passaic, N. J.  
 Campbell, O. A., contractors' tents, 1252 W. 24th, Los Angeles, Cal.  
 Campbell, P. J., & Sons, stone producers, Boston, Mass.  
 Campbell Paper Box Co., South Bend, Ind.  
 Campbell, Peter F., machinist, 51 Laurel, Philadelphia, Pa.  
 Campbell, S. K., Co., agricultural implements, Central Bridge, N. Y.  
 Campbell, Shiras, architect, 103 Park av, New York.  
 Campbell-Smith-Ritchie Co., sash, door & blind, Lebanon, Ind.  
 Campbell Supply Co., mill & facty. & plumbers' supplies—jobbers, 570 Columbus av, New York.  
 Campbell, T. J., machy. dlsr., 974 Beach, Philadelphia, Pa.  
 Campbell, T. Wm., heating contr., 30 Church, New York.  
 Campbell, Thos. E., & Co., cut glassware, 42 S. 8th, Brooklyn, N. Y.  
 Campbell, Thos. M., architect, Augusta, Ga.  
 Campbell & Turner, contractors, Sacramento, Cal.  
 Campbell, W. A., architect, Cutler Bldg., Rochester, N. Y.  
 Campbell, W. H., contractor, Ithaca, N. Y.  
 Campbell, W. J., Lbr. Co. (Ltd.), Oshkosh, Wis.  
 Campbell, W. M., flour mills, Gillham, Ark.  
 Campbell, W. S., cornices & skylights, Carrollton, Ga.  
 Campbell & Wall, contractors, Troy, N. Y.  
 Campbell, Walter M., pen archl. water colorists, S Beacon, Boston, Mass.  
 Campbell, Wm., contractor, Troy, N. Y.  
 Campbell, Wm., Co., fireless cookers, 160 Addison, Detroit, Mich.  
 Campbell, Wm., Wall Paper Co., Hackensack, N. J.  
 Campbell Wire Specialty Wks., South Bend, Ind.  
 Campbell, Wyant & Cannon Fdry. Co., Muskegon, Mich.  
 Campbellsville Canning Co., Campbellsville, Ky.  
 Campbellsville Lumber Co., Campbellsville, Ky.  
 Campbellsville Mfg. Co., woolen blankets, Campbellsville, Ky.  
 Campen Co., contractors, Omaha Natl. Bk. Bldg., Omaha, Neb.  
 Campen, Sam'l., lumber, Alliance, N. C.  
 Campf, Ralph, contractor, Paterson, N. J.  
 Campfield, Edwin M., architect, Colonial Bldg., Richmond, Ind.  
 Campfield, Raggle, Black Co., Colonial Bldg., Richmond, Ind.  
 Campobello Oil Mills, meal, Campobello, S. C.  
 Campville Brick Co., Campville, Fla.  
 Canadian-Am. Cereal Products Co., Produce Exch., New York.  
 Canadian-Am. Lumber Co., Spokane, Wash.  
 Canadian Knitting Mills, sweaters, cardigans, etc., 86 Meserole, Brooklyn, N. Y.  
 Canadian-Leonard Const. Co., 332 So. Michigan av, Chicago, Ill.  
 Canadian Mill & Elevator Co., El Reno, Okla.  
 Canal Construction Co., 189 W. Madison, Chicago, Ill.  
 Canal Lumber Co., wood pipe, Seattle, Wash.  
 Canal Mfg. Co., sash, door & blind, Seattle, Wash.  
 Canan Building Supply Co., Altoona, Pa.  
 Canan-Knox Supply Co., masons' & bldrs.' matls., Altoona, Pa.  
 Canandaigua Kraut Co., canned, Canandaigua, N. Y.  
 Canasawacta Knitting Co., bathing suit mfrs., Sherburne, N. Y.  
 Canastee Mills, cotton sheetings, Greenville, S. C.  
 Canastota Canning Co., Canastota, N. Y.  
 Canavan Contrg. Co., 1966 B'way, New York.  
 Canavan, J. L., brooms, Lawrence, Kan.  
 Canby, Hy. M., lbr. mfr., Equitable Bldg., Wilmington, Del.  
 Cancos Mfg. Co., packing, Garden & Bridge, Philadelphia, Pa.  
 Canda, H. M., masons' & bldrs.' matls., 184 3d, Brooklyn, N. Y.  
 Candee Incubator & Brooder Co., Eastwood, N. Y.  
 Candee & Krekeler Co., masons' & bldrs.' matls., 472 Hamilton av & 1217 Grand, Brooklyn, N. Y.  
 Candee, L., & Co., rubber boots & shoes, New Haven, Conn.  
 Candee, Smith & Howland Co., masons' & bldrs.' matls., ft. E. 26th, New York.  
 Candelet, J. E., & Co., contractors, 10 Warrington, Providence, R. I.  
 Candler Dock & Dredge Co., Moffat Bldg., Detroit, Mich.  
 Candler, Duncan, architect, 105 W. 40th, New York.  
 Candler, Geo. V., Co., cornices & port. fireproof garages, 1092 Jefferson av, Detroit, Mich.  
 Candler, J. D., Roofing Co., cornices, 179 High., E. Detroit, Mich.  
 Candler, Robt., Co., cornices & skylights, 963 Beaubien, Detroit, Mich.  
 Cando Implement Co., machsts. & fndrs., Cando, N. D.  
 Candor Blanket Co., Candor, N. Y.  
 Candy & Co., beeswax, insulating compounds, etc., 403 N. Paulina, Chicago, Ill.  
 Candy & Nut Machine Co., Toledo, Ohio.  
 Cane Ridge Dist. Co., 8 S. 2d, St. Louis, Mo.  
 Cane Valley Mill Co., Cane Valley, Ky.  
 Cane, W. H. & F. W., contractors, 233 B'way, New York.



- Canedy-Otto Mfg. Co., machsts. & fndrs., portable forges, Chicago Heights, Chicago, Ill.
- Canfield, Alfred, billiard tables, 199 Market, Newark, N. J.
- Canfield, Chas., architect, Arlington, Vt.
- Canfield, D. H., architect, Middletown, N. Y.
- Canfield Gas Engine Co., Binghamton, N. Y.
- Canfield, H. C., lawn swings, Batesville, Ind.
- Canfield, H. O., Co., plumbers' rubber goods, Bridgeport, Conn.
- Canfield, Lee, Lumber Co., Cedar Rapids, Ia.
- Canfield Lumber Co., Waterloo, Ia.
- Canfield Mfg. & Novelty Co., handles (wood), Canfield, Ohio.
- Canfield Oil Co., oils, wax, greases, varnishes, etc., 3216 E. 55th, Cleveland, Ohio.
- Canfield Rubber Co., Bridgeport, Conn.
- Canfield Supply Co., plumbers' supplies—jobbers, Kingston, N. Y.
- Canister Co. of N. Jersey, cans, cases, lacquering, etc., Broad, Phillipsburg, N. J.
- Cann & Corrubia, architects, Central Nat. Bk. Bldg., St. Louis, Mo.
- Cann & Saul Steel Co., pipe straps, hangers, & iron & steel forgings, 516 Commerce, Philadelphia, Pa.
- Cannella, Chas. P., architect, 60 Graham av, Brooklyn, N. Y.
- Cannelton Iron Wks., Cannelton, Ind.
- Cannelton Planing Mill Co., sashes, doors & blinds, Cannelton, Ind.
- Cannelton Sewer Pipe Co., Cannelton, Ind.
- Cannelton Stoneware & Pottery Co., Cannelton, Ind.
- Canniff, W. C., & Co., granite, Quincy, Mass.
- Canning Trade, publications, State Bk. of Md. Bldg., Baltimore, Md.
- Cannon, B. W., turpentine, Georgetown, S. C.
- Cannon, E. W., architect, Central Bk. Bldg., Oakland, Cal.
- Cannon Falls Canning Co., Cannon Falls, Minn.
- Cannon, Fermor S., Co., architects, Traction Term. Bldg., Indianapolis, Ind.
- Cannon & Fetzner, architects, Templeton Bldg., Salt Lake City, Utah.
- Cannon, G. J., architect, Chronicle Bldg., Houston, Tex.
- Cannon, H. P., & Son, canned goods, Bridgeville, Del.
- Cannon Lbr. Co., 6054 Garfield av, St. Louis, Mo.
- Cannon Mfg. Co., shade cloth, Concord, N. C.
- Cannon, T. J., & Sons Machine Co., designers & builders of special machinery, tools, etc., Lynn, Mass.
- Cannon Valley Milling Co., flour, 822 Flour Ex., Minneapolis, Minn.
- Canode & Hunt Mfg. Co., typewriter ribbons, 536 S. Clark, Chicago, Ill.
- Canon City Foundry & Mach. Co., Canon City, Colo.
- Canon Oil & Fertilizer Co., Canon, Ga.
- Canonchet Line & Twine Co., Canonchet, R. I.
- Canonsburg Pottery Co., Canonsburg, Pa.
- Canonsburg Steel & Iron Wks., Canonsburg, Pa.
- Canter, E. A., pocket knife cases, 204 Church, New York.
- Canterbury, A. C., flour mills, Turtle Creek, W. Va.
- Canterbury, F. P., brick, Higginsville, Mo.
- Cantin, A. A., architect, 68 Post, San Francisco, Cal.
- Cantine, Martin, Co., paper & pulp mills, Saugerties, N. Y.
- Canton, A. N., architect, Candler Bldg., Atlanta, Ga.
- Canton Art Metal Co., cornices & skylights, Canton, Ohio.
- Canton Boiler & Engng. Co., bleaching tanks, Canton, Ohio.
- Canton Box Co., packing, 2515 Boston, Baltimore, Md.
- Canton Brass & Mach. Co., Canton, Ohio.
- Canton Bridge Co., Canton, Ohio.
- Canton Bros., granite, Barre, Vt.
- Canton Buggy Co., Canton, Ohio.
- Canton Canning Co., Canton, Ohio.
- Canton Cement Specialty Co., Canton, Ohio.
- Canton Clay Products Co., crockery, Canton, Ohio.
- Canton Cornice & Skylight Co., Canton, Ohio.
- Canton Cotton Mills, Canton, Ga.
- Canton Culvert & Silo Co., Canton, Ohio.
- Canton Cutlery Co., Canton, Ohio.
- Canton Distillers Co., Clinton & 4th av, Baltimore, Md.
- Canton Drop Forging & Mfg. Co., Canton, Ohio.
- Canton Elec-Cut Co., meat choppers & slicers, Canton, Ohio.
- Canton Electric Sign Co., Canton, Ohio.
- Canton Engineering & Electric Co., Canton, Ohio.
- Canton Fertilizer & Chemical Co., Canton, Ohio.
- Canton Fertilizer Co., Canton, Ga.
- Canton Foundry & Machine Co., Canton, Ohio.
- Canton Glass Co., stationers, chemical & druggists, etc., glass ware, Marion, Ind.
- Canton Grate Co., Canton, Ohio.
- Canton Grev Lime Co., Canton, Ohio.
- Canton Hardware Co., Canton, Ohio.
- Canton Incandescent Light Co., Canton, Ohio.
- Canton Iron & Metal Co., Canton, Ohio.
- Canton Ladder Co., Canton, Ohio.
- Canton Lbr. Co., Boston ft. of Kenwood av, Baltimore, Md.
- Canton Lumber Co., Canton, Ohio.
- Canton Malleable Iron Co., founders, Canton, Ohio.
- Canton Mfg. Co., sewer boots, Canton, Ohio.
- Canton Mattress Co., Canton, Ohio.
- Canton Metal Ceiling Co., Canton, Ohio.
- Canton, Norman, architect, Atlanta, Ga.
- Canton Paint & Glass Co., Canton, Ohio.
- Canton Planing Mill Co., Canton, Ohio.
- Canton Pressed Brick Co., Canton, Ohio.
- Canton Provision Co., Canton, Ohio.
- Canton Rubber Co., Canton, Ohio.
- Canton Saw Co., saw swages, Canton, Ohio.
- Canton Sheet Steel Co., Canton, Ohio.
- Canton Stamping & Enameling Co., Canton, Ohio.
- Canton Steel Foundry Co., Canton, Ohio.
- Canton Steel Roofing Co., sheet steel ceilings, Canton, Ohio.
- Canton Supply Co., mill & facty. supplies, Canton, Ohio.
- Canton Tile Hollow Brick Co., New Bethlehem, Pa.
- Canton Top Rest Co., Canton, Ohio.
- Canton Trunk Co., Canton, Ohio.
- Cantor & Dorfman, architects, 373 Fulton, Brooklyn, N. Y.
- Cantor, Jos., rubber substitutes, etc., 21 State, New York.
- Cantrell Constr. Co., 21st & Sedgley av, Philadelphia, Pa.
- Cantslip Mfg. Co., rubber mats, 16 Cedar, New York.
- Cantwell Hardware Co., Kenton, Ohio.
- Canvas Belting Co., Cleveland, Ohio.
- Canvas Decoy Co., Union City, Tenn.
- Canvas Thread Tire Co., Utica, N. Y.
- Capac Paper Co., Capac, Mich.
- Caparn, Harold A., landscape architect, 220 W. 42nd, New York.
- Cape Ann Anchor Works, Gloucester, Mass.
- Cape Ann Isinglass Co., 121 Beverly, Boston, Mass.
- Cape Ann Lumber Co., masons' & bldrs' matls., Gloucester, Mass.
- Cape Ann Tool Co., Rockport, Mass.
- Cape Cod Power Dory Co., launch, motor boat & yacht bldrs., Wareham, Mass.
- Cape Cod Specialty Co., canned goods, North Truro, Mass.
- Cape County Milling Co., flour, Jackson, Mo.
- Cape Fear Machine Works, Wilmington, N. C.
- Cape Fear Mfg. Co., sashes, doors & blinds, Greensboro, N. C.
- Cape Girardeau Portland Cement Co., Cape Girardeau, Mo.
- Cape Girardeau Press Brick Co., Cape Girardeau, Mo.
- Cape, Hy., lbr., 52 Vanderbilt av, New York.
- Cape, Jas., & Sons Co., contractors, Racine, Wis.
- Cape Lime & Marble Co., Cape Girardeau, Mo.
- Cape May Glass Co., Cape May Court House, N. J.
- Cape May Sand Co., Cape May, N. J.
- Capelle, A. J., architect, Woods Bldg., Evansville, Ind.
- Capelle Hardware Co., 212 Market, Wilmington, Del.
- Capen Belting & Rubber Co., Main & Chestnut, St. Louis, Mo.
- Capen, G. W., architect, Canton, Mass.
- Capen, John F., architect, 207 Market, Jersey City, N. J.
- Capers, Wm., machst. & fndr., Tampa, Fla.
- Capewell Horse Nail Co., Hartford, Conn.
- Capital Buggy Co., Henderson, N. C.
- Capital City Carriage Co., Des Moines, Ia.
- Capital City Culvert Co., Madison, Wis.
- Capital City Furniture Co., 639 Jackson, St. Paul, Minn.
- Capital City Supply Co., steam fitters' supplies, Charleston, W. Va.
- Capital Elec. Car Co., storage battery trucks, Denver, Colo.
- Capital Elec. Co., armatures, Springfield, Ill.
- Capital Elec. Co., clothes washing machines, 321 Sheldon, Chicago, Ill.
- Capital Elec. Co., incandescent elec. lamps, 1126 California, Denver, Colo.
- Capital Fertilizer Co., Montgomery, Ala.
- Capital Gas Engine Co., Indianapolis, Ind.
- Capital Hill Monument Co., Des Moines, Ia.
- Capital Iron Works Co., Topeka, Kan.
- Capital Lime Stone Co., Columbus, Ohio.
- Capital Lumber & Mfg. Co., Frankfort, Ky.
- Capital Mach. Co., Indianapolis, Ind.
- Capital Rattan Co., Furniture, Indianapolis, Ind.
- Capital Refining Co., petroleum & its products, Stockyards, Cal.
- Capital Seat & Nov. Co., 369 3d av, New York.
- Capital Stone Co., Atlanta, Ga.
- Capital Wire Co., Madison, Wis.
- Capitol Brass Wks., brass founders & finishers, 596 Franklin, Detroit, Mich.
- Capitol Castings Co., machsts. & fndrs., Lansing, Mich.
- Capitol City Lime & Cement Co., Starkey & Indiana, St. Paul, Minn.
- Capitol City Lbr. Co., Hartford, Conn.
- Capitol City Machine Works, Montgomery, Ala.
- Capitol City Supply Co., mill & facty. supplies, Charleston, W. Va.
- Capitol City Vitriified Brick & Paving Co., Topeka, Kan.
- Capitol Constr. Co., Ruggery Bldg., Columbus, Ohio.
- Capitol Electric Co., steps, pole, Salt Lake City, Utah.
- Capitol Foundry Co., Denver, Colo.
- Capitol Fdry. Co., Hartford, Conn.
- Capitol Knit Wks., sweaters, cardigans, etc., 745 De Kalb av, Brooklyn, N. Y.
- Capitol Lbr. Co., Indianapolis, Ind.
- Capitol Milling Co., flour, Los Angeles, Cal.
- Capitol Refining Co., 343 Sansome, San Francisco, Cal.
- Caplan Galvanized Iron Cornice Co., 4414 Easton av, St. Louis, Mo.
- Caplan, Julius H., scrap iron, Lebanon, Pa.
- Caplan, Philip, architect, 16 Court, Rockaway Beach, N. Y.
- Caplan, S., & Co., bristles, hair, 80 Pine, New York.
- Capole Button Works, Lansing, Ia.
- Cappel, A., & Son, umbrella mfrs., Dayton, Ohio.



- Capps, B. W., cornices & skylights, Memphis, Tenn.  
 Capps, J., & Sons (Ltd.), woolen blankets, Jacksonville, Ill.  
 Caprio & Grieco, contractors, Lock Haven, Pa.  
 Capron Co., belt buckles, 70 Ship, Providence, R. I.  
 Caproni, P. P., & Bro., stucco wk., 1914 Washington, Boston, Mass.  
 Caputa & Sojka, contractors, Scranton, Pa.  
 Car Co., carriages, Elkhart, Ind.  
 Carabelli, Jos., Monumental Works, 12317 Euclid av, Cleveland, Ohio.  
 Carah, Hedley V., architect, 50 Oliver, Boston, Mass.  
 Caraleigh Phosphate & Fertilizer Works, Raleigh, N. C.  
 Carbaugh Brick & Tile Wks., Fort Smith, Ark.  
 Carbaugh, Wm. H., brick, New Oxford, Pa.  
 Carbic Mfg. Co., calcium carbide, Duluth, Minn.  
 Carbo Corp., posts (iron & steel), Chicago Heights, Ill.  
 Carbo Steel Post Co., 538 S. Clark, Chicago, Ill.  
 Carbolineum Importing Co., 90 Wall, New York.  
 Carbolineum Wood Preserving Co., Portland, Ore.  
 Carbon Iron & Steel Co. (Ltd.), blast furnaces, Mauch Chunk, Pa.  
 Carbon Limestone Co., Youngstown, Ohio.  
 Carbon Preservative Paint Co., Salt Lake City, Utah.  
 Carbon Slate Co., slate blackboards, Slatington, Pa.  
 Carbon Steel Casting Co., Lancaster, Pa.  
 Carbon Steel Co., bar mills, ft. 32nd, Pittsburgh, Pa.  
 Carbondale Instrument Co., hydrometers, Carbondale, Pa.  
 Carbondale Mach. Co., machsts. & fndrs., Carbondale, Pa.  
 Carbondale Milling Co., flour, Carbondale, Pa.  
 Carbondale Sponge Co., 220 B'way, New York.  
 Carborundum Co., emery wheels, stones, etc., Niagara Falls, N. Y.  
 Card, C. S., Iron Works Co., Denver, Colo.  
 Card, Earle, Lbr. Co., 1159 Wabash, Detroit, Mich.  
 Card, I. P., architect, Corona, N. Y.  
 Card, J. M., Lumber Co., Chattanooga, Tenn.  
 Card, S. W., Mfg. Co., dies, reamers, taps, etc., Mansfield, Mass.  
 Cardiff Green Marble Co., Cardiff, Md.  
 Cardiff Gypsum Plaster Co., Fort Dodge, Ia.  
 Cardiff, J. A. F., architect, 101 Park av, New York.  
 Cardinal Cabinet Co., Wabash, Ind.  
 Cardinelli, Vincent, Co., tracing paper, 577 Market, San Francisco, Cal.  
 Cardington Cabinet Co., Cardington, Ohio.  
 Cardo Bros. & Co., granite, Cypress av & 132d, New York.  
 Cardwell Blue Print & Supply Co., Denver, Colo.  
 Cardwell Mach. Co., machy. mfrs., 1900 E. Gary, Richmond, Va.  
 Cardwell Mfg. Co., gear draft, etc., McCormick Bldg., Chicago, Ill.  
 Caretti John, & Co., floor mosaics, 53 Austin, Chicago, Ill.  
 Caretto & Forster, architects, 30 E. 42d, New York.  
 Carew, Henry, contractor, 210 Jos-Campau, Detroit, Mich.  
 Carew, Jos F., stone producers, Gerard & Mass. av, Boston, Mass.  
 Carew Mfg. Co., paper & pulp mills, & typewriter paper, S. Hadley Falls, Mass.  
 Carey Box & Lbr. Co., sash, door & blind mfrs., 634 1st, Brooklyn, New York.  
 Carey Brick Co., 133 W. Washington, Chicago, Ill.  
 Carey Bros., flour mills, Tatham Springs, Ky.  
 Carey Bros. Wall Paper Mfg. Co., 1023 Filbert, Philadelphia, Pa.  
 Carey & Co., carriage lamps, 246 N. 5th, Philadelphia, Pa.  
 Carey Const. Co., concrete piles, Cleveland, Ohio.  
 Carey, J. B., stone producers, Convoy, Ohio.  
 Carey, J. D., Co., contractors, Citizens Bldg., Cleveland, Ohio.  
 Carey, J. F., contr. & stone producer, Winsted, Conn.  
 Carey, Jas, sash, door & blind mfr., Copenhagen, N. Y.  
 Carey, Jas. L., mill engineers, 208 N. Laramie av, Chicago, Ill.  
 Carey, Jno. W., architect, Mer. Natl. Bk. Bldg., San Francisco, Cal.  
 Carey-Lombard, Young & Co., lumber mfrs., 332 S. Michigan av, Chicago, Ill.  
 Carey Machinery & Supply Co., mill & facty. supplies, 119 E. Lombard, Baltimore, Md.  
 Carey, Philip, Mfg. Co., paper & pulp mills, roofing, asbestos felting, etc., 330 Wayne av, Lockland, Ohio.  
 Carey Salt Co., Hutchinson, Kans.  
 Carey, Sam'l., chocolate machy, drug mills, bolting cloth, etc., 17 State, New York.  
 Carey, W. W., Co., woodworking machy., etc., Lowell, Mass.  
 Cargill-Cleveland & Co., whip mfrs., Westfield, Mass.  
 Carhart, A. L., contractor, Hale Bldg., Philadelphia, Pa.  
 Carhartt, Hamilton, Cotton Mills, Rock Hill, S. C.  
 Caril, Jesse E., ship bldrs., Northport, N. Y.  
 Carkeek, Thos. T., architect, Lincoln Bldg., Dubuque, Ia.  
 Carl, Dunning Equipment Co., machinery & contractors' equipment, 32 United Bldg., Indianapolis, Ind.  
 Carl, Frederick, machsts., 623 H. Washington, D. C.  
 Carl, John H., sash, doors & blind mfrs., 510 1st av, New York.  
 Carl, Max J., Machine Co., 314 Superior av, N. W., Cleveland, O.  
 Carland, J. C., & Co., contractors, Spitzen Bldg., Toledo, Ohio.  
 Carlaw Bros., granite producers, Sacramento, Cal.  
 Carleton Canoe Co., Old Town, Me.  
 Carleton Co., contractors, 151 W. 42d, New York.  
 Carleton Co., elec. portable fans, 170 Summer, Boston, Mass.  
 Carleton, E. Everett & Co., varnish gums, shellac, 133 Front, New York.  
 Carleton, F. W., dock bldrs., Woolwich, Me.  
 Carleton & Moffat, oils, gambier, etc., 80 Maiden la, New York.  
 Carleton, Norwood & Co., ship builders, Rockport, Me.  
 Carley, C. R., patterns & models, 318 E. Water, Syracuse, N. Y.  
 Carley Heater Co., machsts. & fndrs., Olean, N. Y.  
 Carley, Ira, lumber, Ingalls, Mich.  
 Carlin, Anthony, rivet mfrs., Cleveland, Ohio.  
 Carlin & Fulton Co., wholesale hdwe., 309 W. German, Baltimore, Md.  
 Carlin Hulfish Co., wholesale hdwe., Alexandria, Va.  
 Carlin Iron Wks., 310 W. 40th, New York.  
 Carlin, John H., Machine Co., Pittsburgh, Pa.  
 Carlin, John J., architect, Drexel Bldg., Philadelphia, Pa.  
 Carlin Machy. & Supply Co., mill & facty. supplies, 161 E. Lackock, Pittsburgh, Pa.  
 Carlin, P. J., Constr. Co., 1123 B'way, New York.  
 Carlin, Thos. F., contractor, West New Brighton, N. Y.  
 Carlin's, Thos., Sons Co., grinding pans & shears, 1600 River av, Pittsburgh, Pa.  
 Carlisle-Ayer Co., sash, door & blind, 42 Washington, N. Boston, Mass.  
 Carlisle Brick Co., Carlisle, Pa.  
 Carlisle, E. A., & Pope Co., sash, door & blind mfrs., 98 Canal, Boston, Mass.  
 Carlisle & Finch Co., gas engines, motors, search lights, etc., 229 E. Clifton av, Cincinnati, Ohio.  
 Carlisle & Gale Co., exhaust & blow piping, 81 Wareham, Boston, Mass.  
 Carlisle Hardware Co., hardware, mill & facty. supplies, 324 Main, Springfield, Mass.  
 Carlisle, Louis G., architect, Vicksburg, Miss.  
 Carlisle Milling Co., flour, Carlisle, Ky.  
 Carlisle Packing Co., canned goods, Seattle, Wash.  
 Carlisle-Pennell Lumber Co., sash, door & blind, Atchison, Kans.  
 Carlisle Rice Mill Co., Carlisle, Ark.  
 Carlisle & Schilling Bros., fndrs., Poplar av & Henry, Columbus, Ohio.  
 Carlisle & Sharrer, architects, Jenkins Arcade, Pittsburgh, Pa.  
 Carl Bros., canned goods, Waterboro, Me.  
 Carl, E. C., canned goods, Augusta, Me.  
 Carlls, C. W., Sons, metal cornices, etc., Warren & Front, Trenton, N. J.  
 Carlon Construction Co., Oskaloosa, Ia.  
 Carlson, Aaron, sash, door & blind, 15th av, nr Central av, Minneapolis, Minn.  
 Carlson, A. E., contractor, Kewanee, Ill.  
 Carlson, A. M. & Son, patent specialists, Dispatch Bldg., St. Paul, Minn.  
 Carlson, Arthur G., architect, 226 Henry, Brooklyn, N. Y.  
 Carlson & Barger, scrap iron & steel, Northampton, Mass.  
 Carlson Bros. Co., cornices, Superior, Wis.  
 Carlson, Edwin, architect, 54 Hermon, Worcester, Mass.  
 Carlson, Frank A., contractor, Duluth, Minn.  
 Carlson, J. P., contractor, Red Wing, Minn.  
 Carlson, J. S., & L. Co., contractors, Montclair, N. J.  
 Carlson, L. M., woven wire mattresses, Grand Island, Neb.  
 Carlson-Lusk Hardware Co., Ltd., Boise, Idaho.  
 Carlson Operating Co., hod elev., 1074 St. Marks av, Brooklyn, N. Y.  
 Carlson, Oscar W., contractor, 35 Holmes, Providence, R. I.  
 Carlson & Russ, machsts., 2319 Rich. ter, Port Richmond, N. Y.  
 Carlson & Torel, contractors, New Britain, Conn.  
 Carlson, Victor J., contrs., 445 Vancouver, Portland, Ore.  
 Carlson-Wenstrom Co., Erie av & Richmond, Philadelphia, Pa.  
 Carlsted Bros., contractors, 300 20th av, N., Minneapolis, Minn.  
 Carlton, Chas. W., architect, Chattanooga, Tenn.  
 Carlton, E. G., & Sons, woolen flannels, Rochdale, Mass.  
 Carlton, F. W., contractor, Bath, Me.  
 Carlton, Gus, bldg. contr., Portland, Ore.  
 Carlton Hardware Co., Calumet, Mich.  
 Carlton Machine Tool Co., drilling machines, Queen City av, Cincinnati, Ohio.  
 Carlton Mills Co., bathing suit mfrs., Coral & Adams, Phila., Pa.  
 Carlucci, Nicholas, stone prod., Scranton, Pa.  
 Carlyle Milling Co., flour, Carlyle, Ill.  
 Carlyle Paper Co., Carlyle, Ill.  
 Carlyle Paving Brick Co., Portsmouth, Ohio.  
 Carman & Fryer, freight elev., Indianapolis, Ind.  
 Carman, Geo., architects, Reliance Bldg., Kansas City, Mo.  
 Carman Mfg. Co., ash cans, Columbus, Ohio.  
 Carman Mfg. Co., beds, mattresses, Portland, Ore.  
 Carman Mfg. Co., machsts. & fndrs., Tacoma, Wash.  
 Carman-Thompson Co., mill & facty. supplies, Lewiston, Me.  
 Carmichael Buggy Co., Jackson, Ga.  
 Carmichael Constr. Co., Akron, Ohio.  
 Carmichael, D. G., contractor, 902 Chapel, New Haven, Conn.  
 Carmichael Guano Co., fertilizer mfrs., Jackson, Ga.  
 Carmichael, Hy., chemical engrs., 88 Broad, Boston, Mass.  
 Carmichael-Humphrey Range Co., 176 N. Franklin, Chicago, Ill.  
 Carmichael, John I., architect, 1520 Fairmount av, Phila., Pa.  
 Carmichael Lumber Co., McDonough, Ga.  
 Carmichael Range Co., 176 N. Franklin, Chicago, Ill.  
 Carmichael, Wm. P., contractor, Rialto Bldg., St. Louis, Mo.  
 Carmichael, Wm. P., Co., contractors, Williamsport, Ind.  
 Carmody, Frank S., Construction Co., 1413 G, N. W., Washington, D. C.  
 Carnahan, C. T., Mfg. Co., machsts., Denver, Colo.



- Carnahan Mfg. Co., hard wood doors, Loogootee, Ind.  
 Carnahan & Mulford, contractors, 45 Kearny, San Francisco, Cal.  
 Carnahan Tin Plate & Sheet Co., Canton, Ohio.  
 Carnation Milk Products Co., canned goods, Seattle, Wash.  
 Carneal & Johnston, architects, Chamber of Com., Richmond, Va.  
 Carnegie Brick & Pottery Co., Rialto Bldg., San Francisco, Cal.  
 Carnegie Brick & Stone Co., Carnegie, Pa.  
 Carnegie Institute of Technology, engng. school & coll., Schenely pk, Pittsburgh, Pa.  
 Carnegie, John L., & Son, contrs., 19 S. La Salle, Chicago, Ill.  
 Carnegie Steel Co., blast furnaces, iron rolling mills, machsts. & fndrs., etc., Carnegie Bldg., Pittsburgh, Pa.  
 Carnegie, Wm. G., architect, 19 S. La Salle, Chicago, Ill.  
 Carnell, Geo., brick machinery, 1819 N. 5th, Philadelphia, Pa.  
 Carnell, Wm., & Son, machsts. & fndrs., Glassboro, N. J.  
 Carnesville Gin & Milling Co., Carnesville, Ga.  
 Carney, B. J., & Co., ties, poles & posts, Grinnell, Ia.  
 Carney, E. P., machsts., Ilion, N. Y.  
 Carney (Mrs.) J. A., ties, Carney, Ala.  
 Carney, J., Coal Co., masons' & bldrs.' matls., Waltham, Mass.  
 Carney, J. M., flour mills, Poca, W. Va.  
 Carney Lumber Co., 2271 Blue Island av, Chicago, Ill.  
 Carney Paper Co., Maumee, Ohio.  
 Carney, W. M., Mill Co., lumber, Atmore, Ala.  
 Carney's Cement Co., Fowler & Pay, Mankato, Minn.  
 Carnick, R., scrap iron, Franklin, Pa.  
 Carnite-Gondie Mfg. Co., hammock mfrs., contrs., tents, etc., 22d & Grand av, Kansas City, Mo.  
 Carnwath, Bell & Co., packing box mfrs., 613 Cherry, Phila., Pa.  
 Carola Co., talking machines, 118 Noble, Cleveland, Ohio.  
 Carolina Bagging Co., Henderson, N. C.  
 Carolina, Barytes Co., 101 Pk. av, New York.  
 Carolina Brick Co., Kingston, N. C.  
 Carolina Buggy Mfg. Co., Henderson, N. C.  
 Carolina Fdry. & Mach. Co., Winston-Salem, N. C.  
 Carolina Fibre Co., Hartsville, S. C.  
 Carolina Glass Co., bottles, Columbia, S. C.  
 Carolina Lumber Mfg. Co., Charlotte, N. C.  
 Carolina Mach. Co., Fayetteville, N. C.  
 Carolina Marble & Granite Co., Salisbury, N. C.  
 Carolina Mills, bags & bagging, Greenville, S. C.  
 Carolina Mineral Co., Penland, N. C.  
 Carolina Phosphate Co., fertilizer mfrs., Greenville, S. C.  
 Carolina Pine Products Co., tar mfrs., Cleveland, Ohio.  
 Carolina Portland Cement Co., Charleston, S. C.  
 Carolina Rice Mills, Goldsboro, N. C.  
 Carolina Supply Co., mill & facty. supplies, Greenville, S. C.  
 Carolina Washboard Co., Raleigh, N. C.  
 Carolus Mfg. Co., models & experimental work, Sterling, Ill.  
 Caron, August S., contractor, Oak Park, Ill.  
 Caron Bros., granite producers, Milford, N. H.  
 Carondelet Fndry. Co., 2133 S. Kingshighway, St. Louis, Mo.  
 Carondelet Packing Co., meat, 8000 Ivory av, St. Louis, Mo.  
 Carondelet Planing Mill Co., 5826 S. B'way, St. Louis, Mo.  
 Carothers, A. K., stone producers, Williamsport, Pa.  
 Carow, J. & Co., jewelry cases, 85 Warren, New York.  
 Carpeles Co., trunks, 1001 Clybourn, Milwaukee, Wis.  
 Carpenter, A. J., Jr., architect, 39 Dunreath, Rox., Boston, Mass.  
 Carpenter, A. L., lbr. mfrs., Cassville, N. Y.  
 Carpenter, A. N., landscape archt., Galesburg, Ill.  
 Carpenter, B. G., Co., htg. contrs., Wilkes-Barre, Pa.  
 Carpenter & Bayles, wholesale hdwe., 100 Walker, New York.  
 Carpenter Bros., lumber, Crandon, Wis.  
 Carpenter, Chas. R., Mach. Co., disc grinders, Racine, Wis.  
 Carpenter Coal & Lumber Co., masons' & bldrs.' matls., Attleboro, Mass.  
 Carpenter & Co., architects, St. Cloud, Minn.  
 Carpenter Construction Co., Grand Rapids, Mich.  
 Carpenter, Cyrus & Co., hot air furnaces, 177 Massachusetts av, Boston, Mass.  
 Carpenter, D. L. & Co., whol. hdwe., 652 Main, Cincinnati, Ohio.  
 Carpenter, Daniel, contractor, Ossining, N. Y.  
 Carpenter, Davis, Co., plain & prismatic vault, etc., lights., 216 E. 41st, New York.  
 Carpenter, Du Bois, architect, 45 Market, Poughkeepsie, N. Y.  
 Carpenter, Edw. A., contractor, 101 Park av, New York.  
 Carpenter, F. A., architect, Brown Bldg., Rockford, Ill.  
 Carpenter, Franklin, R. & Sons, metallurgical engrs., Denver, Colo.  
 Carpenter, G. Albert, machsts., Muncie, Ind.  
 Carpenter, Geo. B., & Co., contractors, mill, facty. & steamfitters' supplies, etc., 437 Wells, Chicago, Ill.  
 Carpenter, Geo. T., masons' & bldrs.' matls., 1001 S. Karlov av, Chicago, Ill.  
 Carpenter, J. C., contractor, Chester, S. C.  
 Carpenter, J. C., Fig Co., canned goods, Houston, Tex.  
 Carpenter, J. M., Tap & Die Co., Pawtucket, R. I.  
 Carpenter, James E. R., architect, 681 5th av, New York.  
 Carpenter, John, architect, Marshall, Tex.  
 Carpenter, L. A., Press Metal Co., sheet metal, novelties, mfrs., 131 Munroe, Cambridge, Mass.  
 Carpenter-Morton Co., asphalt roofing, paints, varnishes, etc., 77 Sudbury, Boston, Mass.  
 Carpenter, O. A., architect, Montpelier, Ohio.  
 Carpenter, O. H., architect, Iowa City, Ia.  
 Carpenter, P. C., corn brooms, Demorest, Ga.  
 Carpenter, R. F., Mfg. Co., toilet partitions, 978 E. 64th, Cleveland, Ohio.  
 Carpenter R. H., architect, 194 Rawson, Atlanta, Ga.  
 Carpenter Steel Co., Reading, Pa.  
 Carpenter, T. A., & Sons, contractors, Bennington, Vt.  
 Carpenter-Tew Gear Co., 67 35th, Brooklyn, N. Y.  
 Carpenter-Udell Chemical Co., Grand Rapids, Mich.  
 Carpenter, W. A., architect, 200 E. 13th, Portland, Ore.  
 Carpenter, W. B., Co., catalog envelopes, 422 Main, Cincinnati, Ohio.  
 Carpenter, W. D., Co., sweeping compounds, disinfectants, etc., Syracuse, N. Y.  
 Carpenter, W. I., Lumber Co., 504 Lbr. Ex., Minneapolis, Minn.  
 Carpenter, W. J., architect, Highland Bldg., Pittsburgh, Pa.  
 Carpenter, Wellington, sashes, doors & blinds, Concord, N. H.  
 Carpenter Wing Carrier Mfg. Co., 473 Cleveland, St. Paul, Minn.  
 Carper Fdry. & Machine Co., Mabsco, W. Va.  
 Carper, J. L., flour mills, Griffithsville, W. Va.  
 Carpp, S. M., canned goods, Hartford, Mich.  
 Carquinez Brick & Tile Co., 461 Market, San Francisco, Cal.  
 Carr & Baal Co., sashes, doors & blinds, Des Moines, Ia.  
 Carr & Ball, stone, Harrison, N. J.  
 Carr, C. R., architect, Roswell, N. M.  
 Carr, Commodore, contractor, East St. Louis, Ill.  
 Carr-Cullen Co., sashes, doors, blinds, 10th av N. E. & Marshall, Minneapolis, Minn.  
 Carr, F. C., cornices, Waltham, Mass.  
 Carr, F. S., Co., curtain fasteners, 31 Beach, Boston, Mass.  
 Carr Fastener Co., Boston, Mass.  
 Carr, Frank A., architect, 69 Douglas av, Yonkers, N. Y.  
 Carr, G. P., contractor, Shawnee, Okla.  
 Carr, Geo. W., Co., contractors, 518 Main, Worcester, Mass.  
 Carr, Geo. Wallace, architect, 122 S. Michigan av, Chicago, Ill.  
 Carr, H. J., & Co., contractors, Atlanta, Ga.  
 Carr, H. W., architect, Green Bay, Wis.  
 Carr, Herbert V., contractors, East Norwalk, Conn.  
 Carr, J. B., Co., chain mfrs., Troy, N. Y.  
 Carr, J., Base Ball Co., 660 Pacific, Brooklyn, N. Y.  
 Carr, J. E., & Sons, cornices & skylights, Brockton, Mass.  
 Carr, Jas. W., foundry, Richmond, Va.  
 Carr, Jno. D., contractor, Uniontown, Pa.  
 Carr, John, & Son, architects, Brookville, Pa.  
 Carr, Jos., Co., machsts., 132 N. 7th, Philadelphia, Pa.  
 Carr, L. W., landscape architect, 1432 Arthur av, Cleveland, O.  
 Carr Lowrey Glass Co., glass bottle mfrs., Baltimore, Md.  
 Carr, M. M., canned goods, Aberdeen, Md.  
 Carr, M. W., & Co., silver nov., Somerville, Mass.  
 Carr & McClaskey, common brick, Chester, Pa.  
 Carr Mfg. Co., machsts., Kansas City, Mo.  
 Carr, Merrett L., architect, Meyer-Kiser Bk. Bldg., Indianapolis, Ind.  
 Carr Milling Co., flour, Hamilton, Ohio.  
 Carr Pail & Package Co., Ashby, Mass.  
 Carr, R. A., flour mills, Maysville, Ky.  
 Carr, Ryder & Adams Co., interior woodwork, Dubuque, Iowa.  
 Carr, Stuart R., & Co., fndrs., Boston & Montford av, Balto., Md.  
 Carr, W. C., & Son, contractors, Crawfordsville, Ind.  
 Carr, W. H., architect, Leesburg, Fla.  
 Carr, W. L., & Co., granite prod., Waterbury, Vt.  
 Carragan & Tilson, steel stamps, stencils, 88 Chambers, New York.  
 Carragher, F. J., sashes, doors & blinds, Belleville, N. J.  
 Carran, Richard B. & Sons, Co., machist. & fndrs., Ludlow, Ky.  
 Carrara Paint Co., Barberton, Ohio.  
 Carre, W. W., Co. (Ltd.), lumber, 814 Hibernia Bldg., New Orleans, La.  
 Carrere & Hastings, architects, 45th & Vanderbilt av, New York.  
 Carretto Gustave, architect, Baldwin, N. Y.  
 Carriage Dealers Journal, trade publications, Troy, N. Y.  
 Carriage Monthly, publications trade, 1010 Arch, Phila., Pa.  
 Carriage & Toy Co., childrens carriage mfrs., Baltimore, Md.  
 Carriage Woodstock Co., neck yokes, Owensboro, Ky.  
 Carrico Stone Co., Rockford, Ill.  
 Carrier Air Conditioning Co., 39 Cortlandt, New York.  
 Carrier Cutlery Co., Elmira, N. Y.  
 Carrier E. T., cornices, South Manchester, Conn.  
 Carrier, F. P., machist., Edgerton, Wis.  
 Carrier Lumber & Mfg. Co., Sardis, Miss.  
 Carrier & Sons, brick, Aberdeen, S. Dakota.  
 Carrigan Jno., architect, Epler Bldg., Seattle, Wash.  
 Carrigan, McKenney & Co., blast furnaces, ores, etc., Cleveland, Ohio.  
 Carrington & Co., match safes, 42 Walnut, Newark, N. J.  
 Carrington, Geo. S., Co., label mfrs., 2340 W. Van Buren, Chicago, Ill.  
 Carrington & Gonella Stone Co., Sanford, N. C.  
 Carroll, A. P. Machine Co., machsts. & fndrs., 92 Broadway, Cambridge, Mass.  
 Carroll Box & Lumber Co., 629 E. 18th, New York.  
 Carroll Bros., canned goods, Havre de Grace, Md.  
 Carroll Bros., cornices, Lowell, Mass.  
 Carroll Bros., masons' & bldrs', matls., Ellicott sq., Buffalo, N. Y.  
 Carroll Bros., plating wks., 185 Franklin, Boston, Mass.  
 Carroll Bros. & Co., brush mfrs., Baltimore, Md.  
 Carroll, Chas., tubular boilers, Oswego, N. Y.



- Carroll Co., contractors, Brookline, Mass.  
 Carroll Contracting Co., Navarre Bldg., St. Louis, Mo.  
 Carroll, E. H., & Son, lumber, Warner, N. H.  
 Carroll Engineering Co., machsts., 324 Xenia av, Dayton, Ohio.  
 Carroll Fdry. Co., Houghton, Mich.  
 Carroll Foundry & Machine Co., 992 No. Sandusky, Bucyrus, O.  
 Carroll, Guy H., masons' & bldrs.' matls., Aledo, Ill.  
 Carroll, H. C., & Sons, common brick, 67th & Gibson, Phila., Pa.  
 Carroll, J. Bruce, advtg. nov. & spec., 3057 Carroll, Chicago, Ill.  
 Carroll, J. E., Sand Co., Attica, N. Y.  
 Carroll, J. T., Lumber Co., Butte, Montana.  
 Carroll, Jamieson Machine Tool Co., Batavia, Ohio.  
 Carroll, Jos. L., mill & facty. supplies, Winsted, Conn.  
 Carroll, M. F., & Sons Co., carriages, Hillsboro, Ohio.  
 Carroll, Martin, Co., contrs., 1118 McGee, Kansas City, Mo.  
 Carroll Motor Car Co., Strasburg, Pa.  
 Carroll, Patrick, & Son, boilers (range, galvanized iron), 1406 Fairmont, Philadelphia, Pa.  
 Carroll-Porter Boiler & Tank Co., barge bldrs., foundry ladles, steel struct'l wk., etc., Empire Bldg., Pittsburgh, Pa.  
 Carroll Sand Co., White Bldg., Buffalo, N. Y.  
 Carroll, T. Geo., architect, Franklin Bldg., Baltimore, Md.  
 Carroll & Warner, canned goods, McDaniel, Md.  
 Carroll, William A., carriages, New Bedford, Mass.  
 Carrollton Nov. Co., mechl. toys, Carrollton, Ohio.  
 Carrollton Pottery Co., Carrollton, Ohio.  
 Carron, A. M., Machine Co., air pumps, Penn & Barbeau, Pittsburgh, Pa.  
 Carron & Co., auto. gloves, 75 Beekman, New York.  
 Carrothers Bros., architects, 17 W. 1st, Colorado Springs, Colo.  
 Carruth, J. G., & Co., woolen flannels, Indiana av & Rosehill, Philadelphia, Pa.  
 Carruthers & Fithian Clutch Co., Grove City, Pa.  
 Carruthers, Robt., Co., textile machy., Lowell, Mass.  
 Carscallen Bros., contractors, Coeur D'Alene, Idaho.  
 Carsley, Geo. H., architect, Helena, Mont.  
 Carsley, Glen W., architect, Kenosha, Wis.  
 Carson, Alexander, W., architect, Charleston, W. Va.  
 Carson Bros., common brick, Vancouver, Wash.  
 Carson, C. A., Co., contractors, 6408 Euclid av, Cleveland, O.  
 Carson & Furman, contractors, Haverstraw, N. Y.  
 Carson, G. & W. H., lime mfrs., Plymouth Meeting, Pa.  
 Carson & Hartwig, tool-post turrets, 25 Hackett, Newark, N. J.  
 Carson, Nick H., contractor, El Paso, Tex.  
 Carson-Rowell & Co., babbitt metal, Appleton, Wis.  
 Carson Trench Machine Co., sewer excavating machinery, 16 Dorrance, Boston, Mass.  
 Carson, Wm. & C. H., stone, Rochester, N. Y.  
 Carstarphen Elec. Co., cigar lighters, Denver, Colo.  
 Carsten Batteries, 1381 Fulton, Brooklyn, N. Y.  
 Carstens, H., Mfg. Co., surgical instruments, 567 W. Lake, Chicago, Ill.  
 Carstens Packing Co., meat, Tacoma, Wash.  
 Carswell, David, killers, fly swatters, St. Joseph, Mo.  
 Carswell, Wetmore & Co., granite, Barre, Vt.  
 Cartan & Delvin, masons' & bldrs.' matls., Matawan, N. J.  
 Carter, B. L., canned goods, Stone Mountain, Va.  
 Carter-Bell Mfg. Co., rubber substitutes, 150 Nassau, New York.  
 Carter Bros., contractors, Danville, Ill.  
 Carter Bros. Mattress Co., Chattanooga, Tenn.  
 Carter, C. G., contractor, 27 W. Broadway, Salt Lake City, Utah.  
 Carter, C. J., Lumber Co., R. A. Long Bldg., Kansas City, Mo.  
 Carter, C. W. H., varnish, 8 Ferry, New York.  
 Carter & Campbell, children's carriages, Winchendon, Mass.  
 Carter Carburetor Co., 2840 N. Spring, St. Louis, Mo.  
 Carter Constr. Co., 42 Broadway, New York.  
 Carter, David T., & Co., lumber mfrs., Law Bldg., Baltimore, Md.  
 Carter, Donlevy & Co., tin plate, metals, etc., 1012 Cherry, Philadelphia, Pa.  
 Carter, E. T., machst. & fndr., Plainville, Conn.  
 Carter, Edw. H., horse collars, 17 Wendall, Boston, Mass.  
 Carter, F. M., & Co., turpentine, Boyett, Fla.  
 Carter, F. R., brick, Peoria, Ill.  
 Carter & Foster, brick & contractors, London, Ohio.  
 Carter, Geo. A., tacks, Brockton, Mass.  
 Carter, Geo. H., Co., wood mantels, 43 Beverley, Boston, Mass.  
 Carter, Geo. R., Co., auto. belts, Connerville, Ind.  
 Carter, Gough & Co., silver nov., 9 Maiden la, New York.  
 Carter & Hakes Machine Co., milling mach. & vises, Winsted, Conn.  
 Carter Iron Co., staybolt, 307 5th av, Pittsburgh, Pa.  
 Carter, J. A., packing box, Petersham, Mass.  
 Carter, J. F., Co., oiled clothing, Beverly, Mass.  
 Carter, J. N., turpentine, Meigs, Ga.  
 Carter, J. S., fertilizer mfrs., Westminster, S. C.  
 Carter, J. T., Sons, machsts. & fndrs., Danville, Va.  
 Carter, J. W., Co., cornices & skylights, Manchester, Mass.  
 Carter, J. W., & Co., lamp cord adjusters, Abilene, Tex.  
 Carter-Kelley Lumber Co., Manning, Texas.  
 Carter, L. D., architect, 287 Salmon, Portland, Ore.  
 Carter-Lee Lumber Co., sash, door & blind mfrs., Indianapolis, Ind.  
 Carter Mfg. Co., lumber, Carters, Florida.  
 Carter Milling Co., flour, Democrat, N. C.  
 Carter, N. E., contractor, 2314 Main, Omaha, Nebr.  
 Carter-Phelps Mfg. Co., lumber, wholesale mfrs. interior finish, Keokuk, Iowa.  
 Carter, R. K., & Co., wholesale hdwre., 66 Reade, New York.  
 Carter, Ralph B., Co., pneumatic water supply systems, 152 Chambers, New York.  
 Carter, Rice & Co., Corp., insulating tape, 246 Devonshire, Boston, Mass.  
 Carter, S. C., Co., mchsts., Los Angeles, Cal.  
 Carter, Samuel O., brick, Sidney, Ia.  
 Carter Sheet Metal Co., Omaha, Neb.  
 Carter, Shepard & Co., flour, Hannibal, Mo.  
 Carter & Smith, contractors, Poughkeepsie, N. Y.  
 Carter, T. A., lumber mfrs., Miami, Fla.  
 Carter, T. T., architect, Bluefield, W. Va.  
 Carter-Travis Co., sash, door & blind, Seymour, Ind.  
 Carter, W. G., contractors, 133 Washington, Chicago, Ill.  
 Carter, W. T., & Bro., lumber, Camden, Tex.  
 Carter, W. T., Lumber & Bldg. Co., Houston, Texas.  
 Carter, W. W., turpentine, Moultrie, Fla.  
 Carter White Lead Co., 12042 Peoria, Chicago, Ill.  
 Carter, Wm. C., contractor, Fitchburg, Mass.  
 Carter, Wm. Co., knitted gloves, Needham Heights, Mass.  
 Carter, Wm. D., machsts., Cleveland, Ohio.  
 Carter, Wm. P., architect, Springfield, N. J.  
 Carter Wire Fence Machine Co., Mt. Sterling, Ohio.  
 Carter's Ink Co., carbon paper, inks, paste, etc., E. Cambridge, Boston, Mass.  
 Carterville Brick & Tile Co., Carterville, Ill.  
 Carthage Board & Paper Co., Carthage, Ind.  
 Carthage Fertz. Factory, Carthage, Tex.  
 Carthage Fdg. & Mach. Wks., Carthage, Mo.  
 Carthage Mach. Co., Carthage, N. Y.  
 Carthage Marble & White Lime Co., Chouteau & Vandeventer av, St. Louis, Mo.  
 Carthage Marble Wks., Carthage, Mo.  
 Carthage Quarry Co., Carthage, Mo.  
 Carthage Stone Co., Carthage, Mo.  
 Carthage Stone Yard, N. W. cor. 16th & Askew av, Kansas City, Mo.  
 Carthage Superior Marble & Limestone Co., Carthage, Mo.  
 Carthage Superior Spring Bed Mfg. Co., Carthage, Mo.  
 Carthage Sulphite Pulp & Paper Co., Carthage, N. Y.  
 Carthage Tissue Paper Mills, Carthage, N. Y.  
 Cartier, A. E., Sons Co., carriage shafts & poles, lbr., sash door & blind mfrs., etc., Ludington, Mich.  
 Cartier, M. N., & Sons Co., building & roofing papers, 289 Canal, Providence, R. I.  
 Cartier, T. N., carriages, Fall River, Mass.  
 Cartmell, Thos. B., Paint & Glass Co., Wilmington, Del.  
 Carton Belting Co., 52 Everett, Allston, Mass.  
 Cartwright Bros Co., crockery, East Liverpool, Ohio.  
 Cartwright, J. M., shears, Malaga, Cal.  
 Cartwright, T. C., masons' & bldrs.' matls., Marshalltown, Ia.  
 Cartwright, Thos. Edgar, masons' & bldrs.' matls., Summitville, Ind.  
 Carty-Dever Co., meat packers, Rockford, Ill.  
 Carusi, E. A., granite prod., Barre, Vt.  
 Carvell, Herman & Co., masons' & bldrs.' matls., Helena, Ark.  
 Carver, C. R., Co., embossing, stationery & stamping presses, 20th & Clearfield, Philadelphia, Pa.  
 Carver Cotton Gin Co., machsts. & fndrs., East Bridgewater, Mass.  
 Carver, E. S., & Son, packing box mfrs., 914 W. Westmrlnd., Philadelphia, Pa.  
 Carver File Co., machsts., 3231 Frankford, Philadelphia, Pa.  
 Carver, Jos., architect, Colfax, La.  
 Carver, Richard, masons' & bldrs.' matls., Skaneateles, N. Y.  
 Carver Tool Wks., Spring Valley, N. Y.  
 Carver Wagon Co., carriages, Morristown, Tenn.  
 Carwood, Fred T., fly swatters, killers, Danville, Ill.  
 Cary Brick Co., Mechanicsville, N. Y.  
 Cary & Co., masons' & bldrs.' matls., Pensacola, Fla.  
 Cary, Davis, Co., dish washing machines, 42 Pearl, Buffalo, N. Y.  
 Cary, F. S., & Co., granite producers, Zanesville, Ohio.  
 Cary, Geo., architect, 101 W. Huron, Buffalo, N. Y.  
 Cary, Jas. H., elec. drills, Portland, Me.  
 Cary, Jno. & Co., common brick, Mobile, Ala.  
 Cary, L. K., Co., wholesale h'dwe., Ft. Fairfield, Me.  
 Cary Mfg. Co., box strapping mfrs., Nassau & Jay, B'klyn, N. Y.  
*See adv index at end of book.*  
 Cary Safe Co., machsts., Buffalo, N. Y.  
 Cary Sand & Gravel Co., 127 N. Dearborn, Chicago, Ill.  
 Cary Spring Wks., 240 W. 29th, New York.  
 Caryl, A. H., lbr., 11 S. La Salle, Chicago, Ill.  
 Casavant Bros., organs, South Haven, Mich.  
 Casazza, Geo. J., architect, 1133 Broadway, New York.  
 Cascade Distillery Co., Nashville, Tenn.  
 Cascade Fdry. Co., Erie, Pa.  
 Cascade Lumber Co., North Yakima, Wash.  
 Cascade Sheet Metal Works, cornices & skylights, Seattle, Wash.  
 Cascio, S., marble interior wk., 1259 Flushing av, B'klyn, N. Y.  
 Case, A. W., & Son, machsts. & fndrs., Highland Park, Conn.  
 Case, A. Willard, Co., paper & pulp mill, Manchester, Conn.  
 Case, Andrew J., contractor, Trenton, N. J.  
 Case Board Co., Andover, Conn.  
 Case Bros., paper & pulp mill, Highland Park, Conn.



- Case Canning Co., Marshfield, Mo.  
Case, Chas. W., architect, 832 Felicity, New Orleans, La.  
Case & Cothran, contractors, Atlanta, Ga.  
Case Crane & Engineering Co., 596 Curtis, Columbus, Ohio.  
Case & Crotser, lumber, Kingsley, Mich.  
Case, Fowler, Lumber Co., Macon, Ga.  
Case Furnace Co., hot air, Tacoma, Wash.  
Case Hardening Service Co., compounds, 1390 W. 10th, Cleveland, Ohio.  
Case, J. I., Plow Works, plows, harrows, cultivators, planters, listers, etc., Racine, Wis.  
Case, J. I., Threshing Machine Co., Racine, Wis.  
Case, J. W., architect, David Whitney Bldg., Detroit, Mich.  
Case, Jasper D., lumber, Rushville, Ind.  
Case & Kroenlien, horse collars, Peoria, Ill.  
Case, Levi, & Co., cornices, Schenectady, N. Y.  
Case Lumber Co., Ltd., St. Joseph, La.  
Case, Mfg. Co., paper & pulp mill, Unionville, Conn.  
Case, Paul, architect, Westminster, Md.  
Case & Risley Press Paper Co., binders' boards, Oneco, Conn.  
Case School of Applied Science, engng. school & coll., Euclid av & Wade pk, Cleveland, Ohio.  
Case Shingle & Lumber Co., Raymond, Wash.  
Case, W. A., & Sons Mfg. Co., plumbers' & steam fitters' supplies, 31 Main, Buffalo, N. Y.  
Case, W. J., & Son, contractors, Saratoga Springs, N. Y.  
Case, W. R., & Sons Cutlery Co., Bradford, Pa.  
Case, Walter, contractor, 817 G. N. W., Washington, D. C.  
Casein Mfg. Co., 13 Park Row, New York.  
Caseley & Neimes, corset eyelet mfrs., Taunton, Mass.  
Casement Hardware Co., hdwe. specialties, 9 S. Clinton, Chicago, Ill.  
Casey & Broderick, stone prod., 523 State, Springfield, Mass.  
Casey, D. L., Mach. Co., Springfield, Ohio.  
Casey, Edw. P., architect, 149 Broadway, New York.  
Casey, F. A., Co., automobile bldrs., Billerica, Mass.  
Casey & Fant, architects, Anderson, S. C.  
Casey-Hedges Co., blast furnaces, boilers, meter boxes, etc., & steel wks. constr., etc., Chattanooga, Tenn.  
Casey & Hurley, contractors, 120 Pequonnock, Bridgeport, Conn.  
Casey, Jno. A., Co., oil, turpentine, pitch, etc., 144 Maiden la, New York.  
Casey, John F., Co., contractors, Oliver Bldg., Pittsburgh, Pa.  
Casey Mfg. Co., auto. bindings, 216 Monroe av, Detroit, Mich.  
Casey & O'Keefe Construction Co., 407 N. 8th, St. Louis, Mo.  
Casey, Richard H., Inc., contractor, 246 W. 16th, New York.  
Casey Trunk Co., 224 W. 35th, New York.  
Cash & Co., lumber, Hartwell, Ga.  
Cash, J. & J., woven labels, cotton towels, So. Norwalk, Conn.  
Cash Mercantile Co., adding machs., 102 Battery, San Fran., Cal.  
Cash, R. E., contractor, Lincoln Inn Ct., Cincinnati, Ohio.  
Cash, W. F., & Co., machinists, Hiawatha, Kan.  
Cashen, John J. & Son, steam fitters' supplies, Meriden, Conn.  
Cashier Cash Register Co., Los Angeles, Cal.  
Cashion, J. B., & Sons, mattresses, Cornelius, N. C.  
Cashman Bros., contractors, Newburyport, Mass.  
Cashman, John J., contractor, 44 Court, Brooklyn, N. Y.  
Cashman, John, & Sons Co., contractors, 247 Atlantic av, Boston, Mass.  
Cashman & McCarthy, cornices, 372 W. Fayette, Syracuse, N. Y.  
Cashmore, Jonathan, brick, Wadsworth, Ill.  
Casket Interment Box Co., 4854 N. Clark, Chicago, Ill.  
Caskey, C. R., Lbr. Co., 1123 B'way, New York.  
Caskey, Wm., & Son, castings (brass & bronze), York & Richmond, Philadelphia, Pa.  
Casmento Specif Roofing Co., 103 Park av, New York.  
Casna, J., & Co., granite, Quincy, Mass.  
Cason-Monk & Co., hardware—wholesale, Nacogdoches, Tex.  
Caspar Lumber Co., Hobart Bldg., San Francisco, Cal.  
Casparis Stone Co., Clinton Bldg., Columbus, Ohio.  
Casper, Ranger Constn. Co., contractors, Holyoke, Mass.  
C. A. S. Products Co., automobile gears, Columbus, Ohio.  
Cass, B. T., & Co., picture frame mouldings, 2416 W. 22d, Chicago, Ill.  
Cass, C. H., brick, Bridgewater, Ia.  
Cass, N. D., Co., nov., toys & games, Athol, Mass.  
Cass-Smurr-Damerel Co., wholesale hdwe. & heating contrs., 412 S. Broadway, Los Angeles, Cal.  
Cassady, D. L., & Bro., flour, Williamsport, W. Va.  
Cassady-Fairbanks Mfg. Co., hdwe. specialties, 6126 S. La Salle, Chicago, Ill.  
Cassard, Hamilton, sewing machines, Holliday & Pleasant, Baltimore, Md.  
Cassaretto, John, contrs. & masons' & bldrs.' matls., 345 Berry, San Francisco, Cal.  
Cassco Bar Metallic Packing Co., 8 S. Dearborn, Chicago, Ill.  
Cassebeer, Walter H., architect, Sibley blk., Rochester, N. Y.  
Cassel, A. A., Metal Co., scrap iron, 281 E. Water, Milwaukee, Wis.  
Cassel, Jacob C., logs (gas), 2347 N. 7th, Philadelphia, Pa.  
Cassell, Chas. M., architect, Portsmouth, Va.  
Cassell, Fred, wood carving tools, Grand Rapids, Mich.  
Cassella Color Co., 182 Front, New York.  
Casselman, C. W., cornices, Alliance, Ohio.  
Casselman, Paul L., architect, 1215 Locust, Philadelphia, Pa.  
Casselson Hardware Co., heating contractors, Casselton, N. D.  
Casseus Mfg. Co., conductor pipe mfrs., Edwardsville, Ill.  
Cassidy, A. F., Corp., architects, 272 Beaumont, Brooklyn, N. Y.  
Cassidy, Chas. J., Co., contrs., 6th & Irving, Washington D. C.  
Cassidy, David D., architect, Amsterdam, N. Y.  
Cassidy, Jno., & Son, masons' & bldrs.' matls., Bangor, Me.  
Cassidy, L. M., architect, 1343 N. Waco av, Wichita, Kans.  
Cassidy, S. W., architect, Herkimer, N. Y.  
Cassidy & Son Mfg. Co., machsts. & fndrs., 101 Park av, New York.  
Cassini Mosaic & Tile Co., 1027 Broadway, Cincinnati, Ohio.  
Casson, Robt. H., fndrs., Paterson, N. J.  
Cassone, Joe H., architect, 110 N. Penn, Allentown, Pa.  
Castagnos Cane Loader Co., New Orleans, La.  
Castalia Portland Cement Co., Publication Bldg., Pittsburgh, Pa.  
Castine Line & Twine Co., Castine, Me.  
Cast Iron Brazing & Mfg. Co., Manchester, N. H.  
Castle, A. M., & Co., boiler lugs, post caps, etc., 1300 North Branch, Chicago, Ill.  
Castle Bros., masons' & bldrs.' matls., Johnson pl, Brooklyn, N. Y.  
Castle, C. E., contractor, Ogdensburg, N. Y.  
Castle, Chas. L., billiard tables, 520 S. Clinton, Syracuse, N. Y.  
Castle & Doyle, masons' & bldrs.' matls., Madison, Wis.  
Castle, Gottheil & Overton, sulphite pulp, 200 5th av, New York.  
Castle, Montague, London Co., glass stainers, 247 W. 36th, New York.  
Castle Refrigerating Mach. Co., Indianapolis, Ind.  
Castle, Wilmot, Co., sterilizers, St. Paul, Rochester, N. Y.  
Castleberry & Flewellen Planing Mill Co., Longview, Tex.  
Castleman-Blakemore Co., canned goods, Louisville, Ky.  
Castner Electrolytic Alkali Co., caustic soda, Niagara Falls, N. Y.  
Castner, J. P., stone, Changewater, N. J.  
Casualty Co. of America, accident & employers' liability ins., 68 William, New York.  
Caswell & Hartsell, cornices & skylights, Wichita, Kan.  
Caswell Mfg. Co., machsts. & fndrs., Cherokee, Ia.  
Catalogue Equipment & Supply Co., advtg. novelties & spec., Allston, Boston, Mass.  
Cataract City Milling Co., flour & feed mills, Niagara Falls, N. Y.  
Cataract Refining & Mfg. Co., lubricating oils & greases, Buffalo, N. Y.  
Catasauqua Gong & Stamping Wks., Catasauqua, Pa.  
Catawba Fertz. Co., Lancaster, S. C.  
Catawissa Specialty Mfg. Co., fruit parers & toasters, Catawissa, Pa.  
Catchpole Boiler, Fndry. & Mach. Co., Geneva, N. Y.  
Cate, James & Son, Co., flour mills, Hopkinsville, Ky.  
Cately & Ettling, auto. top & carriage bows, Cortland, N. Y.  
Cates, H. M., & Son, machsts. & fndrs., Houlton, Me.  
Cates Machine Wks., Burlington, N. C.  
Cates, Saml., sponges, Key West, Fla.  
Cathedral Candle Co., Syracuse, N. Y.  
Cathell Bros. & Co., stacks, tank & tubular boilers, etc., Fort av & Lawrence, Baltimore, Md.  
Catherwood, H. & H. W., distillers (gin, whiskey, etc.), 114 S. Front, Philadelphia, Pa.  
Catholic University School of Technological Sciences, engng. schools and coll., Washington, D. C.  
Cathrae, John H., & Son, engrs., Marquette Bldg., Chicago, Ill.  
Cathrein Mfg. Co., skate straps, 1824 Linden, B'klyn, N. Y.  
Cathroe, H. J., & Co., contractors, Ware Blk., Omaha, Neb.  
Cating Rope Wks., Maspeth, N. Y.  
Catlin, Elmer, H., Co., 309 13th, N. W., Washington, D. C.  
Catlin, W. J., & Bro., dry docks, & marine rys., Whitehaven, Md.  
Catoosa Limestone Products Co., Graysville, Ga.  
Cator Dump Wagon Co., Palmyra, N. Y.  
Catskill Cement Co., Cementon, N. Y.  
Catskill Fdry. & Mach. Co., Catskill, N. Y.  
Cattaraugus Cutlery Co., Little Valley, N. Y.  
Cattie Bros. Co., galvanizing & tinning, 1706 N. Howard, Philadelphia, Pa.  
Catton-Neill Co., Ltd., mill & facty. supplies, Honolulu, Hawaii.  
Cauble, H. W., cornices, 666 W. 63d, Chicago, Ill.  
Caulfield, C. F., contractor, 114 McDonough, Brooklyn, N. Y.  
Caughlin, T. P., contractor, 30 N. La Salle, Chicago, Ill.  
Cauldwell, Wingate Co., contractors, 381 4th av, New York.  
Caulkins, H. J., & Co., china kilns, State & Griswold, Detroit, Mich.  
Caulkins, W. E. & Son, contractors, Hartford, Conn.  
Caummisar, T. C., & Sons, corn brooms, excelsior mfrs., Louisville, Ky.  
Cauthen, T. M., lumber, Waldo, Fla.  
Cavagnaro, Jno. J., textile machy. supplies, Harrison, N. J.  
Cavanagh Bros. & Co., wholesale hdwe., 89 Warren, New York.  
Cavanaugh, C., masons' & bldrs.' matls., Carbondale, Pa.  
Cavanaugh, J. H., & Sons, lumber, Anacortes, Wash.  
Cavanaugh-Linn Co., contractors, Citizens Bldg., Cleveland, Ohio.  
Cavanaugh Packing Co., meat, Muncie, Ind.  
Cavanaugh, Thos. L., contractor, 288 Catherine, Detroit, Mich.  
Cave Welding & Mfg. Co., Springfield, Mass.  
Cave, Wm., architect, 850 Victoria av, Lynchburg, Va.  
Caviechi, Ercole, floor surfacing machs., Quincy, Mass.  
Caward, R. S., agricultural implements, grubbing machines, etc., Cresco, Ia.  
Cawgill & Hill Milling Co., flour, Carthage, Mo.  
Cawley, Clarke & Co., color mfrs. & imprs., 272-280 Passaic, Newark, N. J.



- Cawley, Edw., masons' & bldrs.' matls., Lowell, Mass.  
 Cawn Mining & Mfg. Co., paint mfrs., Canton, Ohio.  
 Cawood Novelty Mfg. Co., advtg. novelties, fly killers, Danville, Ill.  
 C-A-Wood-Preserver Co., Wright Bldg., St. Louis, Mo.  
 Caw's Pen & Ink Co., 76 Duane, New York.  
 Cawthan, N. W., flour, Holly Springs, Miss.  
 Catton School Supply Co., school furniture, 560 W. Monroe, Chicago, Ill.  
 Cayce Milling Co., flour, Cayce, Ky.  
 Cayuga Cement Corp., Portland Point, N. Y.  
 Cayuga Milling Co., feed, Cayuga, Ind.  
 Cayuga Packing & Mfg. Co., Cayuga, Ind.  
 Cayuta Mfg. Co., machsts. & fndrs., Sayre, Pa.  
 Cazanias, Nickoloas, contractor, Lowell, Mass.  
 Cazenovia Canning Co., Cazenovia, N. Y.  
 C. C. C. Fire Hose & Rubber Co., Canton Junction, Mass.  
 C. & C. Electric & Mfg. Co., Garfield, N. J.  
 Cecil, D. K., contractor, Lexington, Tenn.  
 Cedar Bluff Marble Co., Knoxville, Tenn.  
 Cedar Bluff Roller Mills, flour, Cedar Bluff, Va.  
 Cedar Bluff Woolen Co., blankets, & Flannels, Cedar Bluff, Va.  
 Cedar City Mills, flour, Lebanon, Tenn.  
 Cedar Falls Canning Co., Cedar Falls, Ia.  
 Cedar Falls Mfg. Co., cotton sheetings, Cedar Falls, N. C.  
 Cedar Glenn Canning Co., Bedford, Va.  
 Cedar Grove Mfg. Co., cotton towels, 65th av & 21st, Phila., Pa.  
 Cedar Hill Roller Mill, flour mills, Cedar Hill, Tenn.  
 Cedar Products Co., pencil timber, Alton Park, Tenn.  
 Cedar Rapids Brick Co., Cedar Rapids, Ia.  
 Cedar Rapids Canning Co., Cedar Rapids, Ia.  
 Cedar Rapids Carriage Works, Cedar Rapids, Ia.  
 Cedar Rapids Cornice Co., Cedar Rapids, Ia.  
 Cedar Rapids Fndry. & Mach. Co., Cedar Rapids, Ia.  
 Cedar Rapids Lumber Co., Cedar Rapids, Ia.  
 Cedar Rapids Pump Co., Cedar Rapids, Ia.  
 Cedar Rapids Sash & Door Co., Cedar Rapids, Ia.  
 Cedar River Lumber Co., 914 Plymouth Bldg., Minneapolis, Minn.  
 Cedar Shingle Co., lumber, Elbe, Wash.  
 Cedar Springs Mfg. Co., lumber, Adairsville, Ga.  
 Cedar-Sweep Co., sweeping compound, Los Angeles, Cal.  
 Cedarburg Canning Co., Cedarburg, Wis.  
 Cedarburg Wire & Wire Nail Co., Cedarburg, Wis.  
 Cedarburg Woolen Mills, woolen blankets, Cedarburg, Wis.  
 Cedarine Co., furn. polish, Clinton, N. Y.  
 Cedaroleum Co., soap (liquid), rust preventives, Perkinsville, Vt.  
 Cedarstrand, Aug., & Co., contractors, 984 Central av, Minneapolis, Minn.  
 Cedartown Fdry. & Mach. Co., Cedartown, Ga.  
 Cedartown Iron Co., blast furnaces, Cedartown, Ga.  
 Cederberg, J. O., Jr., architect, Endicott, St. Paul, Minn.  
 Cederburg & Van Kirk, archts., Endicott Bldg., St. Paul, Minn.  
 Celfor Tool Co., Buchanan, Mich.  
 Celina Brick Mfg. Co., Celina, Ohio.  
 Celina Machine Works, Celina, Ohio.  
 Celina Mfg. Co., machinists, Celina, O.  
 Celina Mill & Elevator Co., flour, Celina, Tex.  
 Celina Specialty Co., metallic furniture, Celina, O.  
 Celina Stearic Acid Co., Celina, Ohio.  
 Cell Drier Machine Co., machsts. & fndrs., Taunton, Mass.  
 Cella, John B., architect, 738 Broad, Jersey City, N. J.  
 Celluloid Co., Celluloid mfrs., 36 Washington pl, New York.  
 Celluloid Starch Co., 461 4th av, New York.  
 Celluloid Zapon Co., lacquer, oils & varnish mfrs., Stamford, Conn.  
 Ceman, Julius F., contractor, Berlin, Wis.  
 C. & E. Mfg. Co., machsts. & fndrs., Marshalltown, Ia.  
 Cement Casket Mfg. Co., Albion, Mich.  
 Cement & Engng. News, trade publication, 610 S. Dearborn, Chicago, Ill.  
 Cement Era Publishing Co., 538 S. Clark, Chicago, Ill.  
 Cement-Gun Co., Allentown, Pa.  
 Cement-Gun Construction Co., 914 S. Michigan av, Chicago, Ill.  
 Cement & Lime Products Co., 360 Logan, Denver, Colo.  
 Cement Machy. Co., Jackson, Mich.  
 Cement Products Co., tanks, septic, Wilmington, N. C.  
 Cement Stave Silo Co., Des Moines, Ia.  
 Cement Tile Machy. Co., Waterloo, Ia.  
 Cement World, trade publication, 1827 Prairie av, Chicago, Ill.  
 Centadrink Filters Co., 1440 B'way, New York.  
 Centaur Lime Co., Centaur Station, Mo.  
 Centennial Mill Co., farina, Seattle, Wash.  
 Centennial Mill Co., feed, Avoca, Ia.  
 Center Point Canning Co., Center Point, Ia.  
 Center Shaft Penholder Co., Hanover, Pa.  
 Centerpoint Roller Mill Co., flour, Centerpoint, Tex.  
 Centerville Brick Co., Centerville, Ia.  
 Central Archl. Iron Wks., 53 W. Jackson blvd, Chicago, Ill.  
 Central Asbestos & Magnesia Co., 214 W. Grand av., Chicago, Ill.  
 Central Auto Body Co., 15 Orchard, Hartford, Conn.  
 Central Bag Mfg. Co., burlap & cotton bags, 3622 Iron, Chicago, Ill. *See adv index at end of book.*  
 Central Belting Co., 151 Lafayette, New York.  
 Central Boiler & Supply Co., Grand Rapids, Mich.  
 Central Boiler Works, tanks, smoke stacks, etc., 3d & Congress, Detroit, Mich.  
 Central Box Board Co., 43d & Racine av, Chicago, Ill.  
 Central Brass Co., fndrs., New Haven, Conn.  
 Central Brass & Fixture Co., machsts. & fndrs., Springfield, O.  
 Central Brass Fdry., 109 S. Clinton, Chicago, Ill.  
 Central Brass Foundry, Toledo, O.  
 Central Brass Mfg. Co., plumbers' supplies, 6206 Cedar av, S. E., Cleveland, Ohio.  
 Central Brass Stamping Co., hose couplings, lawn sprinklers, etc., Peoria, Ill.  
 Central Brass Wks. Co., fndrs., Kansas City, Mo.  
 Central Broom-Co., Jefferson City, Mo.  
 Central Building Co., contrs., 58 Front, Worcester, Mass.  
 Central Burglar Alarm Co., time switches, 501 Rush, Chicago, Ill.  
 Central California Canneries, San Francisco, Cal.  
 Central Casket Co., Buffalo, N. Y.  
 Central Chandelier Co., elec. light fixture mfrs., 1547 Fulton, Chicago, Ill.  
 Central Chandelier Co., 224 Centre, New York.  
 Central Chemical Co., 115 W. Washington, Chicago, Ill.  
 Central Chemical Co., fertilizer mfrs., Hagerstown, Md.  
 Central City Bolt Co., Syracuse, N. Y.  
 Central City Brick Mfg. Co., Central City, Ky.  
 Central City Bung Co., wooden plugs, Huntington, W. Va.  
 Central City Chemical Co., fumigators, 1519 N. Wood, Chicago, Ill.  
 Central City Lumber & Mfg. Co., Central City, Ky.  
 Central City Wheel Wks., Syracuse, N. Y.  
 Central Clay Products Co., brick, North Tonawanda, N. Y.  
 Central Coal & Coke Co., Keith & Perry Bldg., Kansas City, Mo.  
 Central Coal & Lbr. Co., Houston, Tex.  
 Central Commercial Co., asphalt, rosin, silica mfrs., 111 N. Market, Chicago, Ill.  
 Central Concrete Const. Co., contrs., Louisville, Ky.  
 Central Construction Co., 228 Southampton, Boston, Mass.  
 Central Constr. & Supply Co., asphalt paving contrs., Harrisburg, Pa.  
 Central Contracting Co., contractors, Keystone Bldg., Pittsburgh, Pa.  
 Central Cornice & Roofing Wks., Decatur, Ill.  
 Central Cornice & Skylight Wks., Irvington, N. J.  
 Central Cornice Wks., 336 W. 37th, New York.  
 Central Cornice Wks., 345 N. Frazer, Philadelphia, Pa.  
 Central Cotton Oil Co., Jackson, Miss.  
 Center County Lime Co., Bellefonte, Pa.  
 Central Cut Glass Co., 1114 E. 63d, Chicago, Ill.  
 Central Cypress Co., lumber, Centralia, Fla.  
 Central Distributing Co., mill & facty. supplies, 316 Harper, Detroit, Mich.  
 Central Door & Lbr. Co., Portland, Ore.  
 Central Dredging Co., Swetland Bldg., Cleveland, Ohio.  
 Central Dry Plate Co., 1811 Arsenal, St. Louis, Mo.  
 Central Dyestuff & Chemical Co., Plum Point la, Newark, N. J.  
 Central Electric Co., lighting systems, plugs & receptacles, 320 S. 5th av, Chicago, Ill.  
 Central Engineering Co., Davenport, Ia.  
 Central Fertilizer Co., Midville, Ga.  
 Central Flatiron Mfg. Co., machsts., & sad irons, Binghamton, N. Y.  
 Central Fdry. Co., Ft. Wayne, Ind.  
 Central Fdry. Co., Hamilton, Ohio.  
 Central Fdry. Co., Marshalltown, Ia.  
 Central Foundry Co., pipe mfrs., 90 West, New York.  
 Central Fdry. Co., Webb City, Mo.  
 Central Foundry Supply Co., Columbus, Ohio.  
 Central Gas & Electric Fixture Mfg. Co., 805 Vincent av, N. E., Cleveland, Ohio.  
 Central Georgia Guano Co., Milledgeville, Ga.  
 Central Georgia Plumbing & Heating Co., Macon, Ga.  
 Central Glass Works, Wheeling, W. Va.  
 Central Granite Co., Barre, Vt.  
 Central Hard Fibre Co., W. Somerville, Mass.  
 Central Hardware & Harness Co., Ironton, Ohio.  
 Central Hardware & Supply Co., Patton, Pa.  
 Central Hudson Gas & Electric Co., Poughkeepsie, N. Y.  
 Central Illinois Light Co., 316 S. Jefferson, Peoria, Ill.  
 Central Iron & Coal Co., 90 West, New York.  
 Central Iron & Steel Co., steel plate mfrs., Harrisburg, Pa.  
 Central Iron Wks., 939 W. Lake, Chicago, Ill.  
 Central Iron Wks., 420 E. 48th, New York.  
 Central Iron Works, 631 Florida, San Francisco, Cal.  
 Central Ky. Carriage Co., Danville, Ky.  
 Central Knitting Co., sweaters, cardigans, etc., 772 Madison, Brooklyn, N. Y.  
 Central Leather Co., sole leather mfrs., 17 Battery pl, New York.  
 Central Locomotive & Car Wks., Fisher Bldg., Chicago, Ill.  
 Central Lumber Co., Chattanooga, Tenn.  
 Central Lumber Co., Williamson Bldg., Cleveland, Ohio.  
 Central Lumber Co., Hudson, Wis.  
 Central Lumber Co., Jackson, Tenn.  
 Central Lbr. Co., Mentone, Ind.  
 Central Lbr. Co., 838 McKnight Bldg., Minneapolis, Minn.  
 Central Lbr. Co., Reading, Pa.  
 Central Mach. Co., paper cutting & printing press machs., etc., Niagara Falls, N. Y.  
 Central Machine Co., machsts., 710 Cherry, Philadelphia, Pa.



- Central Mach. Elec'l Repair Shop, Portsmouth, Ohio.  
 Central Machine & Tool Co., Toledo, Ohio.  
 Central Mach. Wks., Indianapolis, Ind.  
 Central Machine Works, Los Angeles, Cal.  
 Central Mach. Wks. & Auto Co., Sioux City, Iowa.  
 Central Machine Wks. Co., 1234 Central Av., Minneapolis, Minn.  
 Central Mfg. Co., auto. bodies & seats, Connersville, Ind.  
 Central Mfg. Co., desk mfrs., 454 Armour, Chicago, Ill.  
 Central Mfg. Co., masons' & bldrs.' matls., Macon, Ga.  
 Central Mfg. Co., masons' & bldrs.' matls., Roanoke, Va.  
 Central Mfg. Co., mouldings, brackets, etc., Chattanooga, Tenn.  
 Central Mfg. & Lumber Co. (Ltd.), S. Salcedo & Perdide, New Orleans, La.  
 Central Metal & Supply Co., plumbers supplies, wholesale, 609 E. Lombard, Baltimore, Md.  
 Central Mills & Elevator Co., Council Hill, Okla.  
 Central Mills Co., cordage & twine, Southbridge, Mass.  
 Central Mosaic & Tile Co., Memphis, Tenn.  
 Central Motor Co., machsts., Hamilton, Ohio.  
 Central Neb. Millwork Co., sashes, doors & blinds, Hastings, Neb.  
 Central Oil & Gas Stove Co., Gardner, Mass.  
 Central Oolitic Stone Co., Bloomington, Ind.  
 Central Optical Co., optical goods, Southbridge, Mass.  
 Central Paint & Glass Co., 30 Cadillac sq., Detroit, Mich.  
 Central Paint & Supply Co., Ry. Exch. Bldg., St. Louis, Mo.  
 Central Paper Co., Muskegon, Mich.  
 Central Paper & Tablet Co., Indianapolis, Ind.  
 Central Paving Co., contractors, 179 W. Washington, Chicago, Ill.  
 Central Penna. Lumber Co., Williamsport, Pa.  
 Central Planning Mill & Lumber Co., Louisville, Ky.  
 Central Plumbers' Supply Co., 252 Pearl, New York.  
 Central Products Co., correction salts, 1352-60 Wells, Chicago, Ill.  
 Central Radiator Co., 90 West, New York.  
 Central R'way Signal Co., flags, First National Bk. Bldg., Pittsburgh, Pa.  
 Central Refining Co., oils, petroleum & its products, Lawrenceville, Ill.  
 Central Rubber & Supply Co., steam fitters supplies, 201 N. West, Indianapolis, Ind.  
 Central Sash & Door Co., Topeka, Kans.  
 Central Sheet Metal Wks., 260 E. 78th, New York.  
 Central Silica Co., Zanesville, Ohio.  
 Central Soap Mfg. Co., 2671 E. 75th, Cleveland, Ohio.  
 Central Specialty Co., castings, 1653 St. Aubin av, Detroit, Mich.  
 Central Specialty Mfg. Co., machsts., 508 S. Peoria, Chicago, Ill.  
 Central Stamping Co., enameled, galvanized & tinware mfrs., 172 Fulton, New York.  
 Central States Bridge Co., 601 Beecher, Indianapolis, Ind.  
 Central States Canning Co., Indianapolis, Ind.  
 Central Station, trade publication, 62 Park Row, New York.  
 Central Station Steam Co., meters, separators, traps, steam, etc., 710 Woodbridge, E. Detroit, Mich.  
 Central Steel Co., Massillon, O.  
 Central Steel & Wire Co., cold rolled steel, 127 No. Peoria, Chicago, Ill.  
 Central Supply Co., janitors' supplies, 28 S. William, New York, York.  
 Central Supply Co., heating contr., steam fitters' supplies, Worcester, Mass.  
 Central Supply Co., mill & facty. supplies, Little Rock, Ark.  
 Central Supply Co., mill & factory & plumbers' supplies, jobbers, 312 S. 3rd, Minneapolis, Minn.  
 Central Supply Co., plumbers' supplies, jobbers, Indianapolis, Ind.  
 Central Tel. & Elec. Co., bicycle lamps, 310 N. 11th, St. Louis, Mo.  
 Central Tube Co., Lewis Bldg., Pittsburgh, Pa.  
 Central Unadilla Silo Co., Des Moines, Ia.  
 Central Valley Machy., Well & Supply Co., Belleville, Ill.  
 Central Veneer Co., Huntington, W. Va.  
 Central Veneer Co., Indianapolis, Ind.  
 Central Warehouse Lumber Co., Phillipsbury and Territorial, Minneapolis, Minn.  
 Central Wheel & Mfg. Co., toys, games & novelties, Sturgis, Mich.  
 Central Wire Goods Co., 110 W. 40th, New York.  
 Central Wire & Iron Wks., wire guards, enclosures, partitions, railings, etc., Des Moines, Iowa.  
 Central Wire & Iron Wks., Indianapolis, Ind.  
 Central Wire & Iron Wks., 813 S. 7th, St. Louis, Mo.  
 Central Wood Turning Co., book cases, 610 N. E. Main, Minneapolis, Minn.  
 Central Woodworking Co., sash door & blind mfrs., 113 Central av, Newark, N. J.  
 Centralia Envelope Co., Centralia, Ill.  
 Centralia Pulp & Water Paper Co., Grand Rapids, Wis.  
 Centre Foundry & Machine Co., castings, 2011 Main, Wheeling, W. Va.  
 Centrifugal Pump Co., 455 Canal, New York.  
 Century Button Wks., 23 W. 36th, New York.  
 Century Cement Machine Co., Rochester, N. Y.  
 Century Cork Co., 220 W. 19th, New York.  
 Century Electric Co., machsts., 19th & Pine, St. Louis, Mo.  
 Century Elec'l Co., instruments, Syracuse, N. Y.  
 Century Fuel Co., silica sand, 328 W. 37th, Chicago, Ill.  
 Century Iron Co., 1453 Niagara, Buffalo, N. Y.  
 Century Machine Co., bakers' machinery, Winton pl, Cincinnati, Ohio.  
 Century Mfg. Co., automobile bldrs., stor. battery trucks, 11 Ferry av, W. Detroit, Mich.  
 Century Mfg. Co., carriages, East St. Louis, Ill.  
 Century Mfg. Co., draughting tables, Cleveland, Ohio.  
 Century Mfg. Co., fndrs., 453 Canal, New York.  
 Century Mfg. Co., waterproofing materials, varnish, 272 W. Genesee, Buffalo, N. Y.  
 Century Materials Co., cattle guards for rys., Monadnock Blk., Chicago, Ill.  
 Century Metal Spinning & Stamping Co., 247 Centre, New York.  
 Century Ornamental Glass Co., Delmar Bldg., St. Louis, Mo.  
 Century Pen Co., Whitewater, Wis.  
 Century Pump Co., 428 3d av, B'klyn, N. Y.  
 Century Pump Wks., Carthage, Mo.  
 Century Rubber Co., tires, North av, Plainfield, N. J.  
 Century Stained Glass Works, memorial windows, 212 S. 11th, Phila., Pa.  
 Century Steel Co. of America, 120 Broadway, New York.  
 Century Stove & Mfg. Co., Johnstown, Pa.  
 Century Telephone Const. Co., Buffalo, N. Y.  
 Century Tool & Metal Co., welding compounds & plates, 180 N. Market, Chicago, Ill.  
 Century Varnish Co., 272 W. Genesee, Buffalo, N. Y.  
 Ceppi, A. Co., picture frame moldings, 101 B'way Exch., Boston, Mass.  
 Ceramic Mach. Co., Hamilton, Ohio.  
 Ceramic Supply & Construction Co., gas producers, 171 W. State, Columbus, Ohio.  
 Cereal Food Co., canned, Peoria, Ill.  
 Cereal Mills Co., flour, Wausau, Wis.  
 Cereghino, D., machsts., 4445 Mission, San Francisco, Cal.  
 Ceresit Waterproofing Co., 972 Westminster Bldg., Chicago, Ill.  
 Cerny, J., architect, 1444 S. Crawford av, Chicago, Ill.  
 Cerny-Pickas & Co., archl. iron, 2700 S. Crawford av, Chicago, Ill.  
 Cerro de Pasco Mining Co., 15 Broad, New York.  
 Cervin, Olof Z., architect, Rock Island, Ill.  
 Cevasco, Cavagnaro & Ambrette, macaroni machinery manfrs., 156 6th, Brooklyn, N. Y.  
 Chace, Andrew R., granite, E. Providence, R. I.  
 Chace, Leonard S., mill & facty. supplies, Fall River, Mass.  
 Chace Mills, shade cloth mfrs., Fall River, Mass.  
 Chadborn & Coldwell Co., lawn mowers & trimmers, Newburgh, N. Y.  
 Chadbourn Lbr. Co., Wilmington, N. C.  
 Chadbourne & Moore, webbing, Chelsea, Mass.  
 Chadbourne-Walker Machine Screw Co., 100 Sudbury, Boston, Mass.  
 Chadburn & Edwards, contractors, Yonkers, N. Y.  
 Chadburn, M. J., carriages, Yonkers, N. Y.  
 Chadeloid Chemical Co., paint remover, 100 William, New York.  
 Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.  
 Chadwick & Caffrey, oils, Beaufort, N. C.  
 Chadwick Engineering Wks., Pottstown, Pa.  
 Chadwick-Hoskins Co., cotton sheetings, Charlotte, N. C.  
 Chadwick, J. & Bros., cotton thread, ft. of Lembeck av, Jersey City, N. J.  
 Chadwick, L. L., contractor, 112 E. Lake, Minneapolis, Minn.  
 Chadwick & Morris, who. h'dwe., Lockport, N. Y.  
 Chadwick & Sykes, contractors, Crocker Bldg., San Francisco, Cal.  
 Chadwick & Trefethen, mill & facty. supplies, Portsmouth, N. H.  
 Chadwick, W. H., brick, Dayton, Ohio.  
 Chadwick, W. W., brick & tile, Condit, Ohio.  
 Chafer Co., htg. contrs., 431 Champlain av, N. W., Cleveland, Ohio.  
 Chaffee Bros. Co., packing boxes & box shooks, cloth boards, store trunks, etc., Oxford, Mass.  
 Chaffee Mfg. Co., cable cords, fish line mfrs., Willimantic, Conn.  
 Chaffee, Thos. K., Co., paint mfrs., 115 Wickendon, Providence, R. I.  
 Chaffin Bros., stone prod., Kokomo, Ind.  
 Chaffee's, F., Sons, lbr., Rutland, Vt.  
 Chafin, J. B., architect, Washington, Fla.  
 Chaille, D., Jr., architect, Laredo, Tex.  
 Chain Belt Co., 736 Park, Milwaukee, Wis.  
 Chalfant, A. M., masons' & bldrs. matls., Sharpsburg, Pa.  
 Challenge Co., agricultural implements, Batavia, Ill.  
 Challenge Cutlery Corp., Bridgeport, Conn.  
 Challenge Machine Co., dressers & guards (emory wheel), 5116 Springfield av, Phila., Pa.  
 Challenge Machy. Co., Grand Haven, Mich.  
 Challenge Refrigerator Co., Grand Haven, Mich.  
 Challoner Co., machsts. & fndrs., Oshkosh, Wis.  
 Chalmers Chem. Co., paint & varnish remover, 115 Chestnut, Newark, N. J.  
 Chalmers, Harvey & Son, pearl buttons, Amsterdam, N. Y.  
 Chalmers, J. W., architect, 228 W. 4th, Los Angeles, Cal.  
 Chalmers, Motor Co., Jefferson & New Belt Line, Detroit, Mich.  
 Chalmers-Williams Mfg. Co., 1461 Arnold, Chicago Heights, Ill.  
 Chalsmith, Co., piston rings, 3701 S. Ashland av, Chicago, Ill.



- Chalmstrom, J. E., contrs., Joliet, Ill.  
 Chamberlain, A. P., stone, Denison, Tex.  
 Chamberlain Co., drain pipe cleaners, 305 Penn av, Pittsburgh, Pa.  
 Chamberlain Constr. Co., Seattle, Wash.  
 Chamberlain, F. R., & Co., masons' & bldrs.' matls., Wellsville, N. Y.  
 Chamberlain, G. Howard, architect, 18 S. B'way, Yonkers, N. Y.  
 Chamberlain, J. H. D. Co., metal spec., rotary engines, water reg., etc., Springfield, Mass.  
 Chamberlain, J., & Sons, contractors, Asbury Park, N. J.  
 Chamberlain, John G., masons' & bldrs.' matls., Bordentown, N. J.  
 Chamberlain, Julian I., architect, 15 Beacon, Boston, Mass.  
 Chamberlain Mach. orks, Waterloo, Ia.  
 Chamberlain, R. T., & Sons, contractors, 142 E. 5th, So., Salt Lake City, Utah.  
 Chamberlin Cartridge & Target Co., ammunition, Cleveland, Ohio.  
 Chamberlin Co., advtg. counsellors, Kresge Bldg., Detroit, Mich.  
 Chamberlin, E. B., & Co., fertilizer mfrs., Highstown, N. J.  
 Chamberlin, James B., architect, Newtown, Pa.  
 Chamberlin & Johnson, sealing wax, 1238 Voskamp, Pittsburgh, Pa.  
 Chamberlin Metal Weather Strip Co., 109 3d av, Detroit, Mich.  
 Chamberlin, O. N., architect, Schofield Bldg., Cleveland, Ohio.  
 Chamberlin Rubber Co., Rochester, N. Y.  
 Chambers, A. J., contractor, Millville, N. J.  
 Chambers, A. Reeder, fire brick, clay, etc., Trenton, N. J.  
 Chambers, Bering, Quinlan Co., agricultural implements, & soldering irons, Decatur, Ill.  
 Chambers Bros. Co., brick & clay wkg. machy., 52nd below Lancaster av, Phila., Pa.  
 Chambers, F. M., contrs., Rock Island, Ill.  
 Chambers, Geo., contractors, Powers Bldg., Rochester, N. Y.  
 Chambers, Henry, contr., 6475 Frankstown av, Pittsburgh, Pa.  
 Chambers, J. B., contractor, Youngstown, Ohio.  
 Chambers, J. H., lumber, Cottage Grove, Ore.  
 Chambers, M. W., broom corn, Dayton, Ohio.  
 Chambers, S. K., & Bro., masons' & bldrs.' matls., West Grove, Pa.  
 Chambers & Son, contractors, Chattanooga, Tenn.  
 Chambers, Walter B., architect, 109 Broad, New York.  
 Chambersburg Engng. Co., machinery mfrs., Chambersburg, Pa.  
 Chambley, Alex., contractor, 243 S. 10th, Philadelphia, Pa.  
 Champ Spring Co., machsts., 2115 Chouteau av, St. Louis, Mo.  
 Champaign Bros., machsts., Ithaca, N. Y.  
 Champion Bed Spring Co., E. 37th, Cleveland, Ohio.  
 Champion Blower & Forge Co., Lancaster, Pa.  
 Champion Brass Works, machsts. & fndrs., Coldwater, Mich.  
 Champion Brick Co., 206 Courtland, Baltimore, Md.  
 Champion Bridge Co., Wilmington, Del.  
 Champion Button-Hole Mach. Co., 641 Atlantic av, Boston, Mass.  
 Champion Button Wks., 104 W. 30th, New York.  
 Champion Carbon Co., dry batteries, 1st National Bank Bldg., Cincinnati, Ohio.  
 Champion Chemical Wks., chloride of lime, lye, 19 W. Austin, Chicago, Ill.  
 Champion Coated Paper Co., paper & pulp mills, Hamilton, Ohio.  
 Champion Compound Co., boilers, Lehigh av & Mutter, Phila., Pa.  
 Champion Drill Co., Avon, N. Y.  
 Champion Evaporator Co., Hudson, Ohio.  
 Champion Fibre Co., Hamilton, Ohio.  
 Champion Fire Proof Door Co., 277 Rider av, New York.  
 Champion Foundry Machinery Co., riddles, 2435 W. 14th, Chicago, Ill.  
 Champion Hdwe. Co., Geneva, Ohio.  
 Champion Horse Shoe Co., Pawtucket, R. I.  
 Champion Ignition Co., spark plugs, Flint, Mich.  
 Champion International Co., paper & pulp mills, Lawrence, Mass.  
 Champion Iron Co., machsts. & fndrs., Kenton, Ohio.  
 Champion Iron & Wire Wks., Omaha, Neb.  
 Champion Iron Works, Kenton, Ohio.  
 Champion L'br. Co., Orvisburg, Miss.  
 Champion Machine & Forging Co., drop forgings, 3690 E. 78th, Cleveland, Ohio.  
 Champion Machy. Co., Joliet, Ill.  
 Champion Mfg. Co., bolt, nut & rivet mfrs., 7332 Kimbark av, Chicago, Ill.  
 Champion Mfg. Co., machsts. & fndrs., Rocky Hill, Conn.  
 Champion Mfg. Co., water cooling radiators, 552 Golden Gate av, San Francisco, Cal.  
 Champion Metal Co., metal jobbers, 446 N. La Salle, Chicago, Ill.  
 Champion Metal Weather Strip & Parting Bead Co., 170 Summer, Boston, Mass.  
 Champion Milk Cooler Co., Cortland, N. Y.  
 Champion Oil Co., 633 W. 39th, Chicago, Ill.  
 Champion Paper Co., Carthage, N. Y.  
 Champion Paper Cutter Co., Piqua, Ohio.  
 Champion Potato Machinery Co., Hammond, Ind.  
 Champion Rivet Co., Harvard av & E. 108th, Cleveland, Ohio.  
 Champion Shoe Machinery Co., 3727 Forest Pk. blvd., St. Louis, Mo.  
 Champion Silk Co., silk thread, Pottstown, Pa.  
 Champion Spark Plug Co., 2111 Avondale av, Toledo, Ohio.  
 Champion Stove Co., 4001 W. 25th, Cleveland, Ohio.  
 Champion, Thomas E., canned goods, Normal, Ill.  
 Champion Tool Co., machinists, Meadville, Pa.  
 Champion Tool & Handle Co., log hooks, Ewart, Mich.  
 Champion Tool Works Co., lathes, 2424 Spring Grove av, Cincinnati, Ohio.  
 Champion Wagon Co., auto. wood bodies & storage battery trucks, Owego, N. Y.  
 Champion Washing Machine Co., Cincinnati, Ohio.  
 Champion Wire & Iron Wks., bk. & office railings, Louisville, Ky.  
 Champlain Brick Co., Mechanicville, N. Y.  
 Champlain Mfg. Co., interior finish, Burlington, Vt.  
 Champlin Hardware Co., Enid, Okla.  
 Champlin, Wm. H., lbr., packing boxes, Rochester, N. H.  
 Champman, H. B., Co., sash, door & blind, 81 Bristol, Boston, Mass.  
 Champney, E. F., architect, Henry Bldg., Seattle, Wash.  
 Chance, Geo. W., architect, 47 W. 34th, New York.  
 Chance, Geo. Whitefield, architect, Harrison Bldg., Phila., Pa.  
 Chance Mfg. Co., arresters & guy anchors, Centralia, Mo.  
 Chancellor Hardware Co., Parkersburg, W. Va.  
 Chancellor, S. D., rims & felloes, Wilmington, Ohio.  
 Chance's, R. C., Sons, canned goods, 122 Pine, Philadelphia, Pa.  
 Chandle, H. P., Sons Co., household specialties, mfrs., Baltimore, Md.  
 Chandlee, Ira W., canned goods, Slab, Pa.  
 Chandler & Ballard Co., canned goods, Exmore, Va.  
 Chandler & Barber Co., whol. hdwe., 124 Summit, Boston, Mass.  
 Chandler Bros., lbr., New Gloucester, Me.  
 Chandler, Chas. H., architect, Topeka, Kan.  
 Chandler & Co., masons' & bldrs.' matls., Knoxville, Tenn.  
 Chandler Co., name plates & light stampings, Napier, Springfield, Mass.  
 Chandler Construction Co., 31 State, Boston, Mass.  
 Chandler, E. L., Co., lumber, Barton Landing, Vt.  
 Chandler & Farquhar Co., whol. hdwe., machsts., mill & facty. supplies, belt shifters, wire straightening machy., etc., 36 Federal, Boston, Mass.  
 Chandler, Geo. M., ties, poles & posts, Onaway, Mich.  
 Chandler, Geo. M., Co., gen'l. contractors, 1523 W. Market, Indianapolis, Ind.  
 Chandler, H. S., architect, 73 Newberry, Boston, Mass.  
 Chandler Mach. Co., Ayer, Mass.  
 Chandler Mach. Co., Kokomo, Ind.  
 Chandler & Maps, masons' & bldrs.' matls., Long Branch, N. J.  
 Chandler & Morse, mill & facty. supplies, Putnam, Conn.  
 Chandler Motor Car Co., E. 131st & St. Clair av, Cleveland, O.  
 Chandler Oil Cloth & Buckram Co., Taunton, Mass.  
 Chandler & Park, architects, 400 S. Main, Racine, Wis.  
 Chandler & Price Co., machy. (presses), Cleveland, Ohio.  
 Chandler Pump Co., Cedar Rapids, Ia.  
 Chandler Pumps Co., machinists, Kansas City, Mo.  
 Chandler, T. P., architect, 328 Chestnut, Philadelphia, Pa.  
 Chandler & Taylor Co., machsts. & fndrs., Indianapolis, Ind.  
 Chandler, W. G., architect, Marshfield, Ore.  
 Chandley Co., mattresses, Worcester, Mass.  
 Chanefelt Mfg. Co., patternmakers' fillet, Canton, Ohio.  
 Chanel, A. B., architect, Battle Creek, Mich.  
 Chaney, L. F., Co., barometers, thermometers, Springfield, Ohio.  
 Changer, Wm., & Co., htg. contractors, 150 Nassau, New York.  
 Channell Chemical Co., floor & furniture polish, 1419 Carroll av, Chicago, Ill.  
 Channon & Dufva, mill & facty., plumbers' & steam fitters' supplies, Rock Island, Ill.  
 Channon-Emery Stove Co., founders, Quincy, Ill.  
 Channon, H., Co., contrs.' tools & mill & facty. & steam fitters' supplies, 150 N. Market, Chicago, Ill.  
 Channon, James H., Mfg. Co., contractors' & railway supplies, 227 W. Erie, Chicago, Ill.  
 Chanslor & Lyon Co., auto. tops, Los Angeles, Cal.  
 Chantrell Hardware & Tool Co., hardware mfrs., Reading, Pa.  
 Chanute Brick & Tile Co., Chanute, Kan.  
 Chanute Cement Co., Chanute, Kan.  
 Chanute Lumber Co., Chanute, Kan.  
 Chanute Refining Co., petroleum, Chanute, Kan.  
 Chaparra Sugar Co., 129 Front, New York.  
 Chapel, A. M., Machine Co., Pittsfield, Mass.  
 Chapel Mills Mfg. Co., woolen flannels, Cherry Valley, Mass.  
 Chapin, Chas. E., Co., brushes, 201 Fulton, New York.  
 Chapin Co., dairy feed, Hammond, Ind.  
 Chapin, E. T., Co., ties, poles, etc., Spokane, Wash.  
 Chapin, Edwin T., architect, State Mutual Bldg., Worcester, Mass.  
 Chapin & Gould Paper Co., Springfield, Mass.  
 Chapin, Louis S., leaded glass, Rochester, N. Y.  
 Chapin, R. E., Mfg. Wks., oil cabinets, cans, pumps, tanks, etc., Batavia, N. Y.  
 Chapin, Richard S., architect, 1127 Helen av, Detroit, Mich.  
 Chapin-Stephens Co., carpenters', coopers' tools, gauges, levels, etc., Pine Meadow, Conn.  
 Chapler, Elijah C., architect, Atkinson, Ill.  
 Chaplin-Fulton Mfg. Co., gas regulating valves, 28 Penn av, Pittsburgh, Pa.  
 Chapline Construction Co., Victoria Bldg., St. Louis, Mo.  
 Chapline, John, architect, Clearfield, Pa.  
 Chapman & Bangs Co., wholesale hdwe., Bridgeport, Conn.



- Chapman & Brooks Co., whol. hdwe. & mill & facty. supplies, Springfield, Mass.
- Chapman Bros., contractors, Humboldt & M. C. R., Detroit, Mich.
- Chapman, C. A., Inc., mill engineer & paper & pulp mill architect, 28 Jackson blvd., E., Chicago, Ill.
- Chapman, C. L., Cream Separator Wks., Erie, Pa.
- Chapman, C. W., Lumber Co., Waterloo, Ia.
- Chapman, Chas., contractor, 118 N. La Salle, Chicago, Ill.
- Chapman Co., egg beaters, clothes dryers, pot covers, etc., Geneva, N. Y.
- Chapman & Dewey Lbr. Co., Rialto Bldg., Kansas City, Mo.
- Chapman, E. R. B., architect, 44 Bromfield, Boston, Mass.
- Chapman, Edgar, contractor, Plant City, Fla.
- Chapman Elec. Neutralizer Co., Portland, Me.
- Chapman Engng. Co., gas producers, Mount Vernon, Ohio.
- Chapman, F. H., Contrg. Co., 103 Park av, New York.
- Chapman, F. W., contractor, Waterloo, Ia.
- Chapman Fertilizer Co., Central Bldg., Los Angeles, Cal.
- Chapman & Frazer, architects, 112 Water, Boston, Mass.
- Chapman, H. K., architect, Candler Bldg., New York.
- Chapman, H. L., gas engines, Marcellus, Mich.
- Chapman Hardware Co., Durango, Colo.
- Chapman, Henry Otis, architect, 335 5th av, New York.
- Chapman, Hiram W., htg. contractors, 331 Vanderbilt av, Brooklyn, N. Y.
- Chapman, J. L., architect, 720 Robinson av, San Diego, Cal.
- Chapman Jack Co., car, screw, loco. & truck lifting jacks, Cleveland, Ohio.
- Chapman, Jno. C., architect, Sioux Falls, S. D.
- Chapman, Josephine W., architect, 46 Washington sq., New York.
- Chapman Knitting Mills, 68 E. 131st, New York.
- Chapman Lbr. Co., 1322 Carbon, Syracuse, N. Y.
- Chapman & Magney, architects, 84 S. 10th, Minneapolis, Minn.
- Chapman Mfg. Co., compounds, Ashland.
- Chapman Milling Co., flour, Sherman, Tex.
- Chapman & Murphy, architects, Kampmann Bldg., San Antonio, Tex.
- Chapman, P. E., armature & field coil winding machs., 10th & Walnut, St. Louis, Mo.
- Chapman, P. Higbee, architect, 4061 Chouteau av, St. Louis, Mo.
- Chapman, Porter & Woelfling Co., contrs.' tools, 180 West, New York.
- Chapman & Resnick, scrap rubber, 1361 S. Morgan, Chicago, Ill.
- Chapman, Robt., & Co., contractors, 1874 Park av, New York.
- Chapman, Sargent, woodenware & novelties, Perrysburg, Ohio.
- Chapman Slate Co., roofing slate, Bethlehem, Pa.
- Chapman & Smith Co., paste, 1011 Washington blvd, Chicago, Ill.
- Chapman-Snowden Co., glass stainers, Albany, N. Y.
- Chapman & Soden, roofing paper, 150 Oliver, Boston, Mass.
- Chapman Standard Slate Co., roofing slate, Chapman Quarries, Pa.
- Chapman-Storm Lumber Co., Morgan City, La.
- Chapman, T. M., & Co., masons' & bldrs.' matls., Middlebury, Vt.
- Chapman Tap & Counter Co., Haverhill, Mass.
- Chapman & Tripp, masons' & bldrs.' matls., Jewett City, Conn.
- Chapman Valve Mfg. Co., valve mfrs., Indian Orchard, Mass.
- Chapman, W. H., foot presses, etc., 229 Mulberry, Newark, N. J.
- Chapman, W. H., Co., hardware mfrs., Middletown, Conn.
- Chapman, W. H., & Sons, masons' & bldrs.' matls., Wheeling, W. Va.
- Chapman, Wm., architect, 15 Ashburton pl, Boston, Mass.
- Chapman, Wm. O., Co., stable, bank & office fix., 30 Church, New York.
- Chapman's, T. M., Sons Co., machsts. & fndrs., Old Town, Me.
- Chapp-Eastham Co., wireless telegraph instruments, mfrs., 139 Main, Cambridge, Mass.
- Chappel, Edw., Co., masons' & bldrs.' matls., Norwich, Conn.
- Chappell & Bosworth, architects, 258 Broadway, New York.
- Chappell, F. H. & A. H., Co., lumber mfrs., New London, Conn.
- Chappell Shingle Co., lumber, Granite Falls, Wash.
- Chappell-Warren Co., heating contrs., 1384 E. 6th, Cleveland, O.
- Chapper, Frank, Iron & Wire Wks., Detroit, Mich.
- Charcoal Supply Co., 1186 Cherry av, Chicago, Ill.
- Chard & Howe, lubrg. oils, 250 Front, New York.
- Chard, Thornton & Walter G., architects, 101 Park av, New York.
- Charlebois Bros., contractors, Watertown, N. Y.
- Charleboi Hard Wall Plaster Co., Speers, Pa.
- Charles City Engine Co., Charles City, Ia.
- Charles, U. G., architect, Schweiter Bldg., Wichita, Kans.
- Charles, Valentine W., architect, 428 Jefferson, Milwaukee, Wis.
- Charles, Wm. B., cotton waste, Amsterdam, N. Y.
- Charleston Canning Co., Charleston, Tenn.
- Charleston Engineering & Contr. Co., Charleston, S. C.
- Charleston Excelsior M. & B. Wks., Charleston, S. C.
- Charleston Galvanized Iron Cornice & Steel Ceiling Wks., Charleston, S. C.
- Charleston Hardware Co., Charleston, W. Va.
- Charleston Iron Wks., Charleston, S. C.
- Charleston Lead Wks., Charleston, S. C.
- Charleston Lumber Co., Charleston, W. Va.
- Charleston Milling Co., flour, Charleston, Mo.
- Charleston Milling & Produce Co., flour, Charleston, W. Va.
- Charleston, S. C., Mining & Mfg. Co., phosphate rock, Richmond, Va.
- Charleston Window Glass Co., Charleston, W. Va.
- Charlesworth, G. A., machsts., Elmer, N. J.
- Charlesworth, Wm., Handle Co., Fayetteville, Ark.
- Charlevoix Hardware Co., cornices & skylights, Charlevoix, Mich.
- Charlevoix Lumber Co., Charlevoix, Mich.
- Charlevoix Rock Products Co., lime mfrs., Charlevoix, Mich.
- Charlotte Bellows Works, Charlotte, N. C.
- Charlotte Brick Co., Charlotte, N. C.
- Charlotte Casket Co., Charlotte, N. C.
- Charlotte Coal & Supply Co., masons' & bldrs. matls., Charlotte, N. Y.
- Charlotte Consolidated Constr. Co., Charlotte, N. C.
- Charlotte Hardware Co., Charlotte, N. C.
- Charlotte Pipe & Fdry. Co., Charlotte, N. C.
- Charlotte Roller Mills, flour, Charlotte, Tenn.
- Charlotte Supply Co., mill & facty. supplies, Charlotte, N. C.
- Charlotte Wagon & Auto Co., auto. wood bodies, Charlotte, N. C.
- Charlottesville Hardware Co., Charlottesville, Va.
- Charlottesville Lumber Co., Charlottesville, Va.
- Charlton, Chas. H., Jr., architect, Baton Rouge, La.
- Charlton, J. J., lbr. mfrs., Kettle Falls, Wash.
- Charlton & Kuenzli, architects, Camp Bldg., Milwaukee, Wis., & Marquette, Mich.
- Charpiot & Mills Mfg. Co., stoves, Toledo, Ohio.
- Charter Gas Engine Co., Sterling, Ill.
- Charter Oak Stove & Range Co., Antelope & Conduit, St. Louis, Mo.
- Charvat Anton, architect, 1801 S. Ashland av, Chicago, Ill.
- Chase, A. B., Co., organs & pianos, Norwalk, Ohio.
- Chase & Baker Co., pianos, Jewett av, Buffalo, N. Y.
- Chase Bing Co., sticks (plant), Derry, N. H.
- Chase, Chas. F., mill & facty. supplies, 39 Cortlandt, New York.
- Chase, Chas. S., Co., masons' & bldrs. matls., Portland, Me.
- Chase & Cooledge Co., mill & facty. supplies, Holyoke, Mass.
- Chase, D. D., Lumber Co., Haverhill, Mass.
- Chase, D. E., Co., distillers, Somerville, Mass.
- Chase, Edw. O., machsts., 46 Lawrence, Newark, N. J.
- Chase Elec. Signs, 105 S. Dearborn, Chicago, Ill.
- Chase, F. A., & Co., mill & facty. supplies, 253 W. Exchange, Providence, R. I.
- Chase Foundry & Mfg. Co., trucks & cars of all kinds, for all purposes, & improved road machinery, 2700 S. Parsons av, Columbus, Ohio. *See adv index at end of book.*
- Chase, Frank D., architect, 122 S. Michigan av, Chicago, Ill.
- Chase Furn. & Coffin Co., Dallas, Texas.
- Chase Granite Co., 11 B'way, New York.
- Chase, H. & L., bags & bagging, 267 Atlantic av, Boston, Mass.
- Chase, H. L., canned goods, Melfa, Va.
- Chase, H. & H., Bag Co., 8 N. Main, St. Louis, Mo.
- Chase-Hackley Piano Co., Muskegon, Mich.
- Chase-Hibbard Corp., flour mills, Elmira, N. Y.
- Chase, L. C. & Co., upholstery & trimming materials, motor & railway mfrs., 89 Franklin, Boston, Mass. *See adv index at end of book.*
- Chase Machine Co., winches, capstans, etc., 2313 Elm, N. W., Cleveland, Ohio.
- Chase Metal Works, brass & copper rods, sheet, tubing & wire mfrs., Waterbury, Conn.
- Chase Motor Truck Co., 332 S. West, Syracuse, N. Y.
- Chase, Parker & Co., wholesale hdwe. & mill & facty. supplies, 81 Pearl, Boston, Mass.
- Chase, Roberts & Co., varnishes, enamels, lacquer, etc., West av, L. I. City, N. Y.
- Chase Rolling Mill Co., brass & copper sheet rods, tubing & wire mfrs., Waterbury, Conn.
- Chase, S. H., Lumber Co., San Jose, Cal.
- Chase-Shawmut Co., soldering flux, paste, salts & stick, Newburyport, Mass.
- Chase, Stephen, lumber mfrs., Hagedorns, N. Y.
- Chase, Talbot & Co., lbr., 27 William, New York.
- Chase Turbine Mfg. Co., saw mill machy, & water wheels, Orange, Mass.
- Chase, Wm. Co., architect, 8 Marlboro, Boston, Mass.
- Chase, Wm. J. J., architect, Candler Bldg., Atlanta, Ga.
- Chase, Wm. R. S., architect, Holyoke Nat'l Bk. Bldg., Holyoke, Mass.
- Chaska Brick & Tile Co., Ryan Bldg., St. Paul, Minn.
- Chateaugay Pulp Co., Chateaugay, N. Y.
- Chatfield Brass & Iron Wks. Co., Escanaba, Mich.
- Chatfield Canning Co., Chatfield, Minn.
- Chatfield & Chatfield, masons' & bldrs. matls., Waterbury, Conn.
- Chatfield, Geo. S., Co., contractors & masons' & bldrs. matls., Waterbury, Conn.
- Chatfield Mfg. Co., deadening felts, roofing & paving pitch, etc., 74 Lebanon, Carthage, Cincinnati, Ohio.
- Chatfield Paper Co., New Haven, Conn.
- Chatfield & Sharp, fuel gas burners, Jamestown, N. Y.
- Chatfield & Woods Electric Co., paper, etc., 3rd & Plum, Cincinnati, Ohio.
- Chatham Brick Co., Savannah, Ga.
- Chatham Carriage Co., Savannah, Ga.
- Chatham Mfg. Co., turpentine, Savannah, Ga.
- Chatham Mfg. Co., woollen blankets, Elkin, N. C.
- Chatham Oil & Fertilizer Co., Pittsboro, N. C.
- Chatham, R. J., canned goods, Eden, Md.
- Chatham Trunk Fcty., Savannah, Ga.



- Chatillon, John & Sons, hdwe. specialties, scales & scrapers, 85 Cliff, New York.
- Chatlos, William F., contractors, 1374 Barnum av, Bridgeport, Conn.
- Chatsworth Brick Co., Chatsworth, Ga.
- Chatsworth Guano Co., fertilizer mfrs., Chatsworth, Ga.
- Chattahoochee Brick Co., Atlanta, Ga.
- Chattahoochee Lumber Co., Leloir, Ga.
- Chattanooga Armature Works, Chattanooga, Tenn.
- Chattanooga Blow Pipe & Roofing Co., Chattanooga, Tenn.
- Chattanooga Boiler & Tank Co., Chattanooga, Tenn.
- Chattanooga Bottle & Glass Mfg. Co., Chattanooga, Tenn.
- Chattanooga Brazing & Welding Co., Chattanooga, Tenn.
- Chattanooga Broom & Mop Co., Chattanooga, Tenn.
- Chattanooga Buggy Co., Chattanooga, Tenn.
- Chattanooga Builders' Supply Co., Chattanooga, Tenn.
- Chattanooga Car & Foundry Co., Chattanooga, Tenn.
- Chattanooga Coffin & Casket Co., Chattanooga, Tenn.
- Chattanooga Distillery, Chattanooga, Tenn.
- Chattanooga Implement & Mfg. Co., Chattanooga, Tenn.
- Chattanooga Iron Works, cornices & skylights, Chattanooga, Tenn.
- Chattanooga Lumber Co., Chattanooga, Tenn.
- Chattanooga Mattress Co., Chattanooga, Tenn.
- Chattanooga Paint Co., Chattanooga, Tenn.
- Chattanooga Plow Co., Chattanooga, Tenn.
- Chattanooga River Brick Co., Chattanooga, Tenn.
- Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
- Chattanooga Sand & Supply Co., Chattanooga, Tenn.
- Chattanooga Sash & Door Co., Chattanooga, Tenn.
- Chattanooga Saw Wks., Chattanooga, Tenn.
- Chattanooga Sewer Pipe & Fire Brick Co., flue linings, Chattanooga, Tenn.
- Chattanooga Wagon Co., Chattanooga, Tenn.
- Chattanooga Wheelbarrow Co., Chattanooga, Tenn.
- Chatten & Hammond, architects, 64 E. Van Buren, Chicago, Ill.
- Chatten, Harvey, architect, Wells Bldg., Quincy, Ill.
- Chatten, S. H., Lbr. Co., Inter State Bldg., Kansas City, Mo.
- Chatterton File Wks., 38 Randall, Providence, R. I.
- Chatterton, Jas. M., contractor, 108 S. 8th, Brooklyn, N. Y.
- Chatterton, O. J., masons' & bldrs. matls., Hamersville, Ohio.
- Chatwin, Alfred, Supply Co., mill & facty. supplies, 401 Broome, New York.
- Chatwin Bros. Riprap & Contracting Co., Shreveport, La.
- Chaudron & Co., plate glass, 1112 Cathedral, Baltimore, Md.
- Chauncey Warehouse & Mfg. Co., Chauncey, Ga.
- Chautauqua Photographic Co., Empire Bldg., Pittsburgh, Pa.
- Chautauqua Planing Mill Co., sash, door & blind mfrs., Falconer, N. Y.
- Chautauqua Refrigerating Co., masons' & bldrs. matls., Jamestown, N. Y.
- Chautauqua Towel Mills, Jamestown, N. Y.
- Chauvet & Coulter Co., lace machs., 245 7th av, New York.
- Chazy Marble Lime Co., Chazy, N. Y.
- Cheboygan Mfg. Co., sash, door & blinds, Cheboygan, Mich.
- Cheboygan Paper Co., Cheboygan, Mich.
- Cheek & Belvin, brick, Durham, N. C.
- Cheek, J. U., sashes, doors & blinds, Dunwoody, Ga.
- Cheek, M. B., machs. & fdrs., Aurora, Ind.
- Cheeseboro & Sand, lumber mfrs., Berne, N. Y.
- Cheesebrough, Thos. E., rakes, wood handles, etc., Freeport, Mich.
- Cheesman & Elliot, paint mfrs., 100 William, New York.
- Cheever Iron Ore Co., Port Henry, N. Y.
- Chehalls Fir Door Co., McCleary, Wash.
- Chellberg, Otoo, stone producers, Oak Park, Ill.
- Chelsea Clock Co., 16 State, Boston, Mass.
- Chelsea Coal & Cement Co., masons' & bldrs. matls., Chelsea, Mass.
- Chelsea Electro Plating & Polishing Co., 247 Centre, New York.
- Chelsea Elevator Co., 332 W 26th, New York.
- Chelsea Fibre Mills, burlap, 212 5th av, New York.
- Chelsea File Wks., Norwich, Conn.
- Chelsea Refining Co., petroleum & its products, Chelsea, Okla.
- Chelton Elec. Co., electrical spec., junction boxes, enclosed fuses, etc., Armat & Heiskel, Philadelphia, Pa.
- C. H. & E. Mfg. Co., hoists & mixers, 384 Clinton, Milwaukee, Wis.
- Chemi Co., metal polish, 715 E. Main, Richmond, Va.
- Chemical Charcoal Co., 211 Fillmore av, Buffalo, N. Y.
- Chemical Co. of Am., 28 Platt, New York.
- Chemical Constr. Co., acid plants, Charlotte, N. C.
- Chemical Engineer, trade pub., 608 S. Dearborn, Chicago, Ill.
- Chemical & Engng. Co., belt dressing, fillers, etc., Watertown, N. Y.
- Chemical Importing & Mfg. Co., batteries, fireworks, dyes, etc., 90 West, New York.
- Chemical Lime Co., Bellefonte, Pa.
- Chemical Mfg. Co., Covington, Ky.
- Chemical Paper Mfg. Co., Holyoke, Mass.
- Chemical Pigments Corp., lithopone, Stock Exch. Bldg., Philadelphia, Pa.
- Chemical Products Co., soluble cotton, size, etc., 93 Broad, Boston, Mass.
- Chemical Products Co., 116 Christopher, New York.
- Chemical (The) Pump & Valve Co., Perth Amboy, N. J.
- Chemical Rubber Co., W. 112th, Cleveland, Ohio.
- Chemical Supply Co., soaps, etc., E. 93rd & Erie Ry., Cleveland, Ohio.
- Chenery & Co., mill & facty. supplies, Jamestown, N. D.
- Cheney, A. C., Piano Action Co., Castleton, N. Y.
- Cheney Bros., carriage & wagon wheel spokes, Jamaica, Vt.
- Cheney Bros., plushes & velvets, So. Manchester, Conn.
- Cheney, Chas. H., architect, Crocker Bldg., San Francisco, Cal.
- Cheney, Frank P., lbr., Lowell, Mass.
- Cheney, Hy., Hammer Co., Little Falls, N. Y.
- Cheney, Howard L., architect, 30 N. Michigan av, Chicago, Ill.
- Cheney Lime Co., Allgood, Ala.
- Cheney, S. H., cornices & skylights, Fond Du Lac, Wis.
- Cheney, S., & Son, machsts. & fndrs., Manlius, N. Y.
- Cheraw Brick Wks., Cheraw, S. C.
- Cheraw Oil & Fertz. Co., Cheraw, S. C.
- Cheraw Sash, Door & Lbr. Co., Cheraw, S. C.
- Cherokee Brick Co., Macon, Ga.
- Cherokee Canning Co., Menlo, Ga.
- Cherokee Chemical Co., barytes miners, 109 Hollingsworth, Baltimore, Md.
- Cherokee Fall Mfg. Co., bags & bagging, Cherokee Falls, S. C.
- Cherokee Fertilizer Co., Macon, Ga.
- Cherokee Fdy. & Mach. Wks., Gaffney, S. C.
- Cherokee Mfg. Co., machsts. & fndrs., Cherokee, Iowa.
- Cherokee Mfg. Co., masons' & bldrs. matls., Dalton, Ga.
- Cherokee Ochre Co., clays, Cartersville, Ga.
- Cherry Chandeller Co., electric & gas light fixture mfrs., 525 N. 9th, Philadelphia, Pa.
- Cherry Chemical Co., boiler compounds, 1018 Callowhill, Philadelphia, Pa.
- Cherry Creek Canning Co., Cherry Creek, N. Y.
- Cherry Implement Co., machsts., Aurora, N. C.
- Cherry, J. G., Co., machsts. & fndrs., Cedar Rapids, Ia.
- Cherry, John, contractor, Jacksonville, Ill.
- Cherry, P. L., Co., masons' & bldrs. matls., Lumber Exch., Portland, Ore.
- Cherry River Broom & Lbr. Co., Scranton, Pa.
- Cherry River Paper Co., Scranton, Pa.
- Cherry Tree Machine Co., Cherry Tree, Pa.
- Cherry, Wm. John, architect, 15 E. 40th, New York.
- Cherryvale Brick Co., Cherryvale, Kan.
- Cherryvale Iron Wks. Co., Cherryvale, Kan.
- Chesapeake Belting Co., belting mfrs., 823 McKine, Baltimore, Md.
- Chesapeake Iron Works, Baltimore, Md.
- Chesapeake Launch & Motor Co., Norfolk, Va.
- Chesapeake Mach. Co., Eastern av, Baltimore, Md.
- Chesapeake Marine Ry. Co., machsts., Philpot cor. Point, Baltimore, Md.
- Chesapeake Oil Co., paint & oil mfrs., Stockholm & Peach alley, Baltimore, Md.
- Chesapeake Packing Co., Sherwood, Md.
- Chesapeake Paperboard Co., box board mfrs., Baltimore, Md.
- Chesapeake Pulp & Paper Co., West Point, Va.
- Chesbro Milling Co., feed, Salamanca, N. Y.
- Cheseboro, Whitman, Co., scaffolding & ladders, 1167 1st av, New York.
- Chesbrough Mfg. Co., petrolatum, 17 State, New York.
- Cheshire, J., & Son, machsts. & fndrs., Martinsville, Va.
- Cheshire Lime Mfg. Co., Cheshire, Mass.
- Cheshire Mills, woolen flannels, Harrisville, N. H.
- Cheshire, R. L., contractor, 852 Dixon av, Memphis, Tenn.
- Chesley, A. C., Co., fireproof doors, 275 Rider av, New York.
- Chesley Bros., machsts. & fndrs., Danville, Ill.
- Chesley, Earl & Heimbach, Inc., contractors & dock bldrs., 20 Breckenridge, Buffalo, N. Y.
- Chesley, J. L., machst. & fndr., Danville, Ill.
- Chesnee Mills, cotton sheetings, Chesnee, S. C.
- Chesnut, Cooper & Co., bristles, 100 William, New York.
- Chessman & Elliot, paint mfrs., 639 Kent av, Brooklyn, N. Y.
- Chester County Motor Co., Coatesville, Pa.
- Chester, F. E., Mfg. Co., fishing tackle, 3 Pine, Providence, R. I.
- Chester Granite Wks., Chester, Mass.
- Chester Graphite Co., Chester Springs, Pa.
- Chester Hardware Co., Chester, S. C.
- Chester Knitting Wks., sweaters, cardigans, etc., 2103 Pitkin av, Brooklyn, N. Y.
- Chester Lumber & Coal Co., masons' & bldrs.' matls., Chester, Pa.
- Chester Mach. Co., Chester, Vt.
- Chester Mach. & Lbr. Co., Chester, S. C.
- Chester Paper Co., Chester, Pa.
- Chester Ry. Supply Co., trolley ears, Chester, Pa.
- Chester Ship Building Co. (Ltd.), Chester, Pa.
- Chester Steel Castings Co., 407 Sansom, Philadelphia, Pa.
- Chester Stone Co., Chester, Pa.
- Chester, W. C., contractor, Wrightsville, Ga.
- Chester, W. R., & Co., lumber, 89 State, Boston, Mass.
- Chesterfield Dist. Co., Richmond, Va.
- Chesterman & Streeter, elastic & surgical hosiery, 25 S. 11th, Philadelphia, Pa.
- Chesterton, A. W., Co., gauge glass cutters, mill & facty. supplies & packing mfrs., etc., 64 India, Boston, Mass.
- Chestnut Ridge White Brick Co., 7 W. 45th, New York.
- Cheswald Canning Co., Aberdeen, Md.
- Cheves, Wm. R., granite producers, Lanesville, Mass.
- Chevillot, Louis F., contractor, 68 Greenwood, Detroit, Mich.
- Chevrolet Motor Co., Flint, Mich.



- Chew, Joshua, & Co., contractors, Lafayette, Ind.  
 Cheyenne Brick Co., Cheyenne, Wyo.  
 Cheyney, Jno. H., & Co., machinists, Chester, Pa.  
 Cheyney, John K., sponges, Tarpon Springs, Fla.  
 Chicago Addressing Co., 720 S. Dearborn, Chicago, Ill.  
 Chicago Aluminum Castings Co., fndrs., 2647 Ogden av, Chicago, Ill.  
 Chicago Apparatus Co., laboratory apparatus & supplies, 557 W. Quincy, Chicago, Ill.  
 Chicago Arch'l Photographing Co., Marquette Bldg., Chicago, Ill.  
 Chicago Art Metal Wks., monograms, 300 W. Lake, Chicago, Ill.  
 Chicago Asbestos Mfg. Co., asbestos cements, pipe coverings & roofing, 1909 W. 22d pl, Chicago, Ill.  
 Chicago Asbestos Table Mat Co., 215 Loomis, Chicago, Ill.  
 Chicago Auto. Equipment Co., auto. wood bodies, 810 W. Jackson blvd., Chicago, Ill.  
 Chicago Auto. Lamp Wks., 900 W. Lake, Chicago, Ill.  
 Chicago Auto. Supply House, carbon removers, 1351 S. Michigan av, Chicago, Ill.  
 Chicago Automatic Machine Co., screw mach., 400 N. Oakley blvd., Chicago, Ill.  
 Chicago Automatic Switch Co., 212 N. Peoria, Chicago, Ill.  
 Chicago Bearing Metal Co., 2220 W. 43d, Chicago, Ill.  
 Chicago Belting Co., 125 N. Green, Chicago, Ill.  
 Chicago Binder & File Co., 117 S. Clinton, Chicago, Ill.  
 Chicago & Bloomington Stone Co., Bloomington, Ind.  
 Chicago Brass & Spec. Co., wire test connectors, 2316 W. Harrison, Chicago, Ill.  
 Chicago Brick Co., 38 S. Dearborn, Chicago, Ill.  
 Chicago Brick Machinery Co., 20 W. Jackson blvd, Chicago, Ill.  
 Chicago Bridge & Iron Works, bridges, barges, boats, steel chimneys, cranes, derricks, dry docks, etc., 2016 Old Colony Bldg., Chicago, Ill. *See adv index at end of book.*  
 Chicago Bronze Co., 18 N. 5th av, Chicago, Ill.  
 Chicago Broom Mfg. Co., 616 W. Elm, Chicago, Ill.  
 Chicago Brush Mfg. Co., 178 N. La Salle, Chicago, Ill.  
 Chicago Bldrs.' Specialties Co., benders, clamps, floor clips, etc., 11 S. La Salle, Chicago, Ill.  
 Chicago Building Constr. Co., 4770 Lincoln, Chicago, Ill.  
 Chicago Building Glass Co., 3516 N. Clark, Chicago, Ill.  
 Chicago Butchers' Packing Co., 216 N. Peoria, Chicago, Ill.  
 Chicago Calcium Light Co., 178 N. Green, Chicago, Ill.  
 Chicago Car Door Co., McCormick Bldg., Chicago, Ill.  
 Chicago Car Heating Co., 80 E. Jackson blvd, Chicago, Ill.  
 Chicago Car Seal Co., milk bottle caps, 364 N. Green, Chicago, Ill.  
 Chicago Carbonic Gas Co., 904 W. Superior, Chicago, Ill.  
 Chicago Case Mfg. Co., sample cases, 213 No. Morgan, Chicago, Ill.  
 Chicago Casket Co., 1105 So. Canal, Chicago, Ill.  
 Chicago Cleveland Car Roofing Co., carlines, 80 E. Jackson blvd, Chicago, Ill.  
 Chicago Coach & Carriage Co., auto. seats, 1223 S. Michigan av, Chicago, Ill.  
 Chicago Coated Board Co., 420 E. North Water, Chicago, Ill.  
 Chicago Concentrated Food Co., 3059 Sheffield av, Chicago, Ill.  
 Chicago Contractors' Supply Co., crushed stone, 5835 Loomis, Chicago, Ill.  
 Chicago Copper & Chemical Co., Western Union Bldg., Chicago, Ill.  
 Chicago Cork Wks. Co., 630 S. Wabash av, Chicago, Ill.  
 Chicago Cornice Co., 210 S. Western av, Chicago, Ill.  
 Chicago Creosoting Co., Waukegan, Ill.  
 Chicago Crushed Stone Co., 30 N. La Salle, Chicago, Ill.  
 Chicago Curtain Stretcher Co., 3725 Wall, Chicago, Ill.  
 Chicago Cut Stone Co., 3403 La Salle, Chicago, Ill.  
 Chicago Decorated Leather Co., chair seats, 426 S. Clinton, Chicago, Ill.  
 Chicago-Detroit Bag Co., Marquette Bldg., Chicago, Ill.  
 Chicago Die & Mach. Wks., 415 N. Carpenter, Chicago, Ill.  
 Chicago Dist. Co., 6 W. Kinzie, Chicago, Ill.  
 Chicago Down Draft Furnace Co., 115-17 S. Clinton, Chicago, Ill.  
 Chicago Drainage Const. Co., 30 N. La Salle, Chicago, Ill.  
 Chicago Drop Forge & Foundry Co., 447 Kensington, av, Chicago, Ill.  
 Chicago Dryer Co., ironing & laundry machy., 630 S. Wabash av, Chicago, Ill.  
 Chicago Elec. Mfg. Co., lamp adapters, 2817 S. Halsted, Chicago, Ill.  
 Chicago Electric Meter Co., graphometers, 1045 Washington, Chicago, Ill.  
 Chicago Electric Sign Co., 18 S. Clinton, Chicago, Ill.  
 Chicago Elec. Time Switch Co., 5128 Prairie, Chicago, Ill.  
 Chicago Engineer Supply Co., 68 W. Lake, Chicago, Ill.  
 Chicago Envelope Co., 59 E. Madison, Chicago, Ill.  
 Chicago Expansion Bolt Co., 111 N. Jefferson, Chicago, Ill.  
 Chicago Eye Shield Co., goggles & eye protectors, etc., 2300 Warren av, Chicago, Ill.  
 Chicago Faucet Co., 2712 N. Crawford av, Chicago, Ill.  
 Chicago Feather Duster Co., 816 Fulton, Chicago, Ill.  
 Chicago Ferrottype Co., cameras, photograph machy., 1455 W. Congress, Chicago, Ill.  
 Chicago Ferrule & Nut Co., 880 Lill av, Chicago, Ill.  
 Chicago Fertilizer & Chemical Wks., 7607 S. Green, Chicago, Ill.  
 Chicago File & Rasp Co., 1926 Webster av, Chicago, Ill.  
 Chicago Fire Apparatus Co., 208 N. 5th av, Chicago, Ill.  
 Chicago Fire Brick Co., 133 W. Washington, Chicago, Ill.  
 Chicago Fire Hose Co., 124 W. Lake, Chicago, Ill.  
 Chicago Fire Proof Covering Co., 322 N. Mich. av, Chicago, Ill.  
 Chicago Fire Window & Cornice Co., 1035 W. Van Buren, Chicago, Ill.  
 Chicago Flag & Decorating Co., 1346-48 Wabash av, Chicago, Ill.  
 Chicago Flexible Shaft Co., 608 N. La Salle, Chicago, Ill.  
 Chicago Floor Co., 53 E. Monroe, Chicago, Ill.  
 Chicago Folding Box Co., 2555 Taylor, Chicago, Ill.  
 Chicago Form Co., garment hangers, 175 W. Jackson blvd, Chicago, Ill.  
 Chicago Fndry. Co., 2211 N. Major, Chicago, Ill.  
 Chicago Fountain Soda Water Co., 1140 W. Harrison, Chicago, Ill.  
 Chicago Furnace Supply Co., 549 W. Monroe, Chicago, Ill.  
 Chicago Fuse Mfg. Co., arresters, cut-outs, fuses, etc., 1014 W. Congress, Chicago, Ill.  
 Chicago Game Co., toys, games & nov., 431 S. Dearborn, Chicago, Ill.  
 Chicago General Fixture Co., elec. light fixture mfrs., 19 E. Lake, Chicago, Ill.  
 Chicago Glass Novelty Co., advertg. letter signs, 1206 Branson, Marion, Ind.  
 Chicago Glove & Mitten Co., Chicago, Ill.  
 Chicago Glue Co., 2012 W. Kinzie, Chicago, Ill.  
 Chicago Gold Enamel Co., Monadnock Blk., Chicago, Ill.  
 Chicago Granite Mfg. Co., artificial stone ldry. tubs, 3619 Wall, Chicago, Ill.  
 Chicago Gravel Co., sand dlrs., 343 S. Dearborn, Chicago, Ill.  
 Chicago Hammock Co., 1833 N. Halsted, Chicago, Ill.  
 Chicago Handle Bar Co., Shelby, Ohio.  
 Chicago Hardware Foundry Co., North Chicago, Ill.  
 Chicago Heat Regulator Co., 1801 Diversey Parkway, Chicago, Ill.  
 Chicago Heights Boiler Wks., Chicago Heights, Ill.  
 Chicago Heights Bottle Co., Chicago Heights, Ill.  
 Chicago Heights Oil Mfg. Co., dairy, horse & mule feed, Chicago Heights, Ill.  
 Chicago Hosiery Co., lumbermen's socks, 565 Michigan av, Detroit, Mich.  
 Chicago House Wrecking Co., mill & facty. supplies, 35th & Iron, Chicago, Ill.  
 Chicago Hydraulic Press Brick Co., 133 W. Washington, Chicago, Ill.  
 Chicago Insulated Wire Co., rubber goods, 53 W. Jackson blvd, Chicago, Ill.  
 Chicago Insulated Wire & Mfg. Co., Sycamore, Ill.  
 Chicago Iron Fdry Co., 2313 Austin av, Chicago, Ill.  
 Chicago Iron & Steel Wks., 733 Fulton, Chicago, Ill.  
 Chicago Journal Bearing Co., machsts. & fndrs., 519 W. Vanburen, Chicago, Ill.  
 Chicago Knife Wks., 228 S. Clinton, Chicago, Ill.  
 Chicago Knitting Mills, sweaters, cardigans, etc., 2103 Pitkin av, Brooklyn, N. Y.  
 Chicago Label & Box Co., 312 N. May, Chicago, Ill.  
 Chicago Lamp & Fixture Co., metallic shades, 616 W. Monroe, Chicago, Ill.  
 Chicago Laundry Machy. Co., collar seam dampening machines, 213 W. Grand, Chicago, Ill.  
 Chicago Leather & Mercantile Co., leather gaskets & washers, 1848 W. 14th, Chicago, Ill.  
 Chicago Lumber & Coal Co., East St. Louis, Ill.  
 Chicago Lumber & Coal Co., R. A. Long Bldg., Kansas City, Mo.  
 Chicago Lbr. Co., Omaha, Neb.  
 Chicago Mach. Tool Co., 127 N. Canal, Chicago, Ill.  
 Chicago Mach. & Washer Co., 2625 W. 15th, Chicago, Ill.  
 Chicago Machy. Exchange, 1217 Washington blvd., Chicago, Ill.  
 Chicago Mailing Tube Co., 425 S. Hoyne av, Chicago, Ill.  
 Chicago Malleable Castings Co., 120th & Racine av, Chicago, Ill.  
 Chicago Malleable Iron Co., founders, Blue Island & Western avs, Chicago, Ill.  
 Chicago Mfg. Co., globe valves, 1464 S. Michigan av, Chicago, Ill.  
 Chicago Mfg. Co., valves, Chicago Jct., Ohio.  
 Chicago Mat Board Co., 664 Washington blvd., Chicago, Ill.  
 Chicago Metal Covering Co., mouldings, 2835 Lake, Chicago, Ill.  
 Chicago Metal Reduction Co., welding plates, 29 W. Jackson blvd, Chicago, Ill.  
 Chicago Metal Sign Co., 20 N. 5th av, Chicago, Ill.  
 Chicago Metal Weather Strip Co., 1617 N. Troy, Chicago, Ill.  
 Chicago Mica Co., 21 Pine, Valparaiso, Ind.  
 Chicago Mill & Lumber Co., ties, poles & posts, 111 W. Washington, Chicago, Ill.  
 Chicago Millwork Supply Co., 1404 W. 37th, Chicago, Ill.  
 Chicago Min. Lamp Wks., 640 W. Lake, Chicago, Ill.  
 Chicago Mirror & Art Glass Co., 216 N. Clinton, Chicago, Ill.  
 Chicago Nipple Mfg. Co., 908 W. Lake, Chicago, Ill.  
 Chicago & Northwestern Railway, Jackson blvd & Franklin, Chicago, Ill.  
 Chicago Nov. Co., steam cookers, 1314 Clybourne av, Chicago, Ill.  
 Chicago Nut Co., bolt, nut & rivet mfrs., & screw machine products, 2513-39 W. 20th, Chicago, Ill.  
 Chicago & Oak Park Cut Stone Co., Oak Park, Ill.  
 Chicago & Oak Park Supply Co., masons' & bldrs. matls., Forest Park, Chicago, Ill.  
 Chicago Oxygen Gas Co., 1742 W. Madison, Chicago, Ill.



- Chicago Oyster Pail Co., paper cups, 504 S. Green, Chicago, Ill.  
 Chicago Packing Co., meat packers, 4535 Gross av, Chicago, Ill.  
 Chicago Paper Tube & Can Co., 168 N. May, Chicago, Ill.  
 Chicago Pennant Co., 6142 Cottage Grove av, Chicago, Ill.  
 Chicago Perforating Co., perforated metals, 2445 West 24th pl, Chicago, Ill.  
 Chicago Piano Bench Co., 1115 W. Lake, Chicago, Ill.  
 Chicago Plush & Leather Case Co., jewelry cases, 110 N. Franklin, Chicago, Ill.  
 Chicago Pneu. Pump Co., machsts., 6018 S. State, Chicago, Ill.  
 Chicago Pneumatic Tool Co., Fisher Bldg., Chicago, Ill.  
*See adv index at end of book.*  
 Chicago Portland Cement Co., 30 N. La Salle, Chicago, Ill.  
 Chicago Printing Ink Co., 24 S. Clinton, Chicago, Ill.  
 Chicago Pulley & Shafting Co., 40 S. Clinton, Chicago, Ill.  
 Chicago Pump Co., 904-910 W. Lake, Chicago, Ill.  
 Chicago-Racine Alumn. Brass & Iron Wks., machsts., 224 W. Huron, Chicago, Ill.  
 Chicago Ry. Equipment Co., 1928 W. 46th, Chicago, Ill.  
 Chicago Ry. Signal & Supply Co., elec. bells, 122 S. Michigan av, Chicago, Ill.  
 Chicago Rat Trap Co., 1475 Foster av, Chicago, Ill.  
 Chicago Raw Products Co., fertilizer mfrs., 2801 S. Ashland av, Chicago, Ill.  
 Chicago Rawhide Mfg. Co., gears & pinions, 1301 Elston av, Chicago, Ill.  
 Chicago Recording Scale Co., machsts. & fndrs., Waukegan, Ill.  
 Chicago Retort & Fire Brick Co., Ottawa, Ill.  
 Chicago Roller Skate Co., 224 N. Ada, Chicago, Ill.  
 Chicago Rubber Clothing Co., blankets, mackintoshes, rubber goods, etc., Racine, Wis.  
 Chicago Sash, Door & Blind Mfg. Co., 1249 W. North av, Chicago, Ill.  
 Chicago Scale Co., portable forges, 7740 S. Chi. av, Chicago, Ill.  
 Chicago School of Architecture, Chicago, Ill.  
 Chicago Screw Co., 13 N. Jefferson, Chicago, Ill.  
 Chicago Sewer Pipe Co., 127 N. Dearborn, Chicago, Ill.  
 Chicago Ship Building Co., 101st & Calumet R., Chicago, Ill.  
 Chicago Signal Co., 411 So. Jefferson, Chicago, Ill.  
 Chicago Soda Fountain Co., 153 N. Jefferson, Chicago, Ill.  
 Chicago Solder Co., canning machy., solders, etc., 218 N. Union av, Chicago, Ill.  
 Chicago Sporting Goods Mfg. Co., 123 S. Jefferson, Chicago, Ill.  
 Chicago Spring Butt Co., hinges, 340 Union Pk. ct, Chicago, Ill.  
 Chicago Steam Heating Co., 169 N. Jefferson, Chicago, Ill.  
 Chicago Steel Car Co., Harvey, Ill.  
 Chicago Steel Foundry Co., castings, etc., 3701 S. Kedzie av, Chicago, Ill.  
 Chicago Steel Post Co., 208 S. La Salle, Chicago, Ill.  
 Chicago Steel Tank Co., 733 S. Halsted, Chicago, Ill.  
 Chicago Steel Tape Co., 6231 Cottage Grove av, Chicago, Ill.  
 Chicago Stone Conduit Co., Addison & Chi. River, Chicago, Ill.  
 Chicago Store & Office Fixture Co., 820 S. Clinton, Chicago, Ill.  
 Chicago Stove & Range Co., 2023 S. Clark, Chicago, Ill.  
 Chicago Stove Wks., 2301 S. Paulina, Chicago, Ill.  
 Chicago Surgical & Elec. Co., 324 W. Supr., Chicago, Ill.  
 Chicago Tanning Co., leather gloves, 130 W. Austin av, Chicago, Ill.  
 Chicago Tape & Label Co., labels & measuring tape, 521 N. Spaulding av, Chicago, Ill.  
 Chicago Telephone Supply Co., Elkhart, Ind.  
 Chicago Time Lock Co., 2765 St. Marys, Chicago, Ill.  
 Chicago Tin Co., 2005 S. State, Chicago, Ill.  
 Chicago Tool & Kit Mfg. Co., 6 E. Lake, Chicago, Ill.  
 Chicago Tubing & Braiding Co., 216 N. Clinton, Chicago, Ill.  
 Chicago Union Lime Wks., McCook, Ill.  
 Chicago Union Lime Wks. Co., 1900 W. 19th, Chicago, Ill.  
 Chicago Varnish Co., 2100 Elston av, Chicago, Ill.  
 Chicago Veneer Co., Burnside, Ky.  
 Chicago Ventilator & Iron Works, 838 Austin av, Chicago, Ill.  
 Chicago Wall Paper Mill, Steubenville, Ohio.  
 Chicago Watch Tool Co., 1956 Grand av, Chicago, Ill.  
 Chicago Wheel & Mfg. Co., emery & corundum wheel mfrs., etc., 1101 W. Monroe, Chicago, Ill.  
 Chicago White Lead & Oil Co., 1454 S. Western av, Chicago, Ill.  
 Chicago Willowware Co., auto. baskets, 542 E. 47th, Chicago, Ill.  
 Chicago Wire Chair Co., 619 N. La Salle av, Chicago, Ill.  
 Chicago Wire, Iron, Brass Wks., 2340 Nelson, Chicago, Ill.  
 Chicago Wire Rope Preserver Co., 255 La Salle, Chicago, Ill.  
 Chicago Wood Carving Co., 1509 N. Halsted, Chicago, Ill.  
 Chicago Wood Finishing Co., 1309 Sloan, Chicago, Ill.  
 Chickamauga Fertilizer Works, Atlanta, Ga.  
 Chickamauga Quarry & Constr. Co., Chattanooga, Tenn.  
 Chickasaw Cooperage Co., Memphis, Tenn.  
 Chickasaw Lumber Co., Ardmore, Okla.  
 Chickasaw Machine & Foundry Co., Memphis, Tenn.  
 Chickasaw Tile Co., Chickasaw, Ohio.  
 Chickasha Iron Wks., machsts. & fndrs., Chickasha, Okla.  
 Chickasha Milling Co., flour, Chickasha, Okla.  
 Chickering Bros., pianos, 2250 S. Park av, Chicago, Ill.  
 Chickering, Geo. W., architect, 6 Beacon, Boston, Mass.  
 Chickering, H. L. & C. L., masons' & bldrs.' matls., Joplin, Mo.  
 Chickering & Sons, pianos, 791 Tremont, Boston, Mass.  
 Chicopee Mfg. Corp., cotton blankets, duck, flannels & sheetings, Chicopee Falls, Mass.  
 Chief Kokomoko Spec. Co., furn. polish, Kokomo, Ind.  
 Chief Mfg. Co., carpet cleaning machy., looms, etc., Indianapolis, Ind.  
 Chief Tractor Mfg. Co., traction engines, Ecorse, Detroit, Mich.  
 Child Acme Cutter & Press Co., paper cutting machines, 184 Summer, Boston, Mass.  
 Child, Edw. S., architect, 29 Broadway, New York.  
 Child & Scott, heating contrs., 112 Wooster, New York.  
 Child, W. C. W., steel struct. wk., 355 Kingsland av, B'klyn, N. Y.  
 Child, W. T., architect, Evans blk, Denver, Colo.  
 Children's, E., Sons Mfg. Co., agricultural implements, Council Bluffs, Ia.  
 Children's Vehicle Corp., East Templeton, Mass.  
 Childress Mills, flour, Childress, Va.  
 Childrey Co., blue prints, Richmond, Va.  
 Childs Bros., contractors, Tallahassee, Fla.  
 Childs, Chas. M., & Co., paint mfrs., 44 Whitehall, New York.  
 Childs, H. L., & Co., mill & facty. supplies, 249 Water, Pittsburg, Pa.  
 Childs, Jno., Sr., machy. dlrs., Smiths Ferry, Pa.  
 Childs, Neal T., ldscape architect, 68 Post, San Francisco, Cal.  
 Childs, O. J., Co., fire apparatus, Utica, N. Y.  
 Childs, Parr & Jos., crude rubber, 60 Wall, New York.  
 Childs, S. D., & Co., sheet metal stamping, etc., 136 S. Clark, Chicago, Ill.  
 Childs & Smith, architects, 122 S. Michigan av, Chicago, Ill.  
 Childsdale Paper Co., Childsdale, Mich.  
 Chiles, W. H., flour mills, Gilmores, Va.  
 Chilhawie Extract Co., Newport, Tenn.  
 Chillicothe Coal Co., masons' & bldrs.' matls., Chillicothe, Ohio.  
 Chillicothe Hardware Co., Chillicothe, Ohio.  
 Chillicothe Iron Co., Chillicothe, Mo.  
 Chilowie Milling Co., flour, Chilowie, Va.  
 Chilson Furnace Co., Mansfield, Mass.  
 Chilton Canning Co., Chilton, Wis.  
 Chilton Fertilizer Co., Clanton, Ala.  
 Chilton, Geo., cornices, Rouses Point, N. Y.  
 Chilton, Henry J., patent broker, 110 S. Dearborn, Chicago, Ill.  
 Chilton Paint Co., paint mfrs., College Point, L. I., N. Y.  
 China Grove Roller Mills, China Grove, N. C.  
 Chinn Mineral Co., Harrodsburg, Ky.  
 Chinook Lumber & Shingle Co., Seattle, Wash.  
 Chinook Packing Co., canned goods, Chinook, Wash.  
 Chioldi Bros., granite, Barre, Vt.  
 Chipley Home Mixture Guano Co., Chipley, Ga.  
 Chippewa Bronze Co., 1469 E. 118th, Cleveland, Ohio.  
 Chippewa Falls Canning Co., Chippewa Falls, Wis.  
 Chippewa Falls Woolen Mills, woolen blankets, Chippewa Falls, Wis.  
 Chippewa Foundry & Machine Co., Chippewa Falls, Wis.  
 Chippewa Milling Co., flour, Montevideo, Minn.  
 Chippewa Shale Brick Co., Chippewa Lake.  
 Chiquola Mfg. Co., cotton sheetings, Honeapath, S. C.  
 Chris Antoine Co., oils, 20 Platt, New York.  
 Chisholm, Boyd & White Co., brick machy., 57th & Wallace, Chicago, Ill.  
 Chisholm Co., 178 Centre, New York.  
 Chisholm, Henry, architect, 90 Gladstone, Boston, Mass.  
 Chisholm, J. O., & Co., contractors, New Orleans, La.  
 Chisholm-Moore Mfg. Co., chain hoists, etc., 5046 Lakeside av, Cleveland, Ohio.  
 Chisholm, R. A., contractor, 180 Jessie, San Francisco, Cal.  
 Chisholm-Scott Co., machinists, Cadiz, Ohio.  
 Chisholm's Steel Shovel Works, Cleveland, Ohio.  
 Chisom, C. R., contractor, Bellingham, Wash.  
 Chisos Mining Co., 51 Exchange, Portland, Me.  
 Chittenden, E. D., Co., fertilizer mfrs., Bridgeport, Conn.  
 Chittenden & Eastman Co., mattresses, Burlington, Ia.  
 Chittenden & Kottling, architects, Dime Bk. Bldg., Detroit, Mich.  
 Chivvis, W. R., lbr. mfrs., Geyer & Kosciuszko, St. Louis, Mo.  
 Chloride of Silver Dry Cell Bty. Co., 407 N. Paca, Baltimore, Md.  
 Chmelik, Frank, architect, 796 2nd av, Long Island City, N. Y.  
 Choate, Robt., sash, door & blind mfrs., Frankfort, Ky.  
 Chocayotte Brick Co., Weldon, N. C.  
 Chocolate Cooler Co., ice cream cabinets, Grand Rapids, Mich.  
 Choctaw Lbr. Co., Kansas City, Mo.  
 Choctaw Portland Cement Co., Kansas City, Mo.  
 Choctaw Pressed Brick Co., McAlester, Okla.  
 Choice, J. I., flour, Kilgore, Tex.  
 Chonette, O. W., contractor, 356 Pine, San Francisco, Cal.  
 Chop Piston Ring Co., Detroit, Mich.  
 Choptank Canning Co., Choptank, Md.  
 Chowan Cotton Oil & Fertilizer Co., Edenton, N. C.  
 Chris Sign & Wall Paper Co., electric illuminated, Seattle, Wash.  
 Chrisman-Goodwin Fdry. Co., castings, rig irons, etc., Morgantown, W. Va.  
 Chrisney Canning Co., Chrisney, Ind.  
 Chrisp, Hugh P., architect, Cutler Bldg., Rochester, N. Y.  
 Chrispin, Jas. G., Lime & Cement Co., 2117 Monroe av, Norwood, Cincinnati, Ohio.  
 Christ Bros. Mfg. Co., tex. machy. supplies (tapes, braid & cords), 1303 Buttonwood, Philadelphia, Pa.  
 Christa Marble Co., marble & onyx workers, Detroit, Mich.  
 Christie-Kline Forge Co., iron & steel forgings, Detroit, Mich.  
 Christenson, J. H., architect, Benkelman, Neb.  
 Christen Bellows & Mfg. Co., Main & Dock, St. Louis, Mo.  
 Christen, Chas., architect, Decatur, Ind.  
 Christensen, Adolph, contractor, 1433 Brown, Phila., Pa.  
 Christensen, C. S., Co., flour, Madelia, Minn.



- Christensen, Carl C., contractor, Perth Amboy, N. J.  
 Christensen, Chas. W., architects, 127 N. Dearborn, Chicago, Ill.  
 Christensen Construction Co., 1220 Wasatch av, Salt Lake City, Utah.  
 Christensen Engng. Co., 841 30th, Milwaukee, Wis.  
 Christensen, H. M., Co., shoe knives, Brockton, Mass.  
 Christensen, M. F., & Son Co., balls, marbles, Akron, Ohio.  
 Christensen Mach. Co., Racine, Wis.  
 Christensen, N., & Sons, wholesale hdwe., masons' & bldrs. matls. & mill & facty. supplies, Beaufort, S. C.  
 Christensen, Oscar N., architect, Kenosha, Wis.  
 Christensen Rudolph, hdwe. mfr., 107 Chambers, New York.  
 Christian Bros. Soap Co., 42 Delaware av, Albany, N. Y.  
 Christian, Geo. C., & Co., flour, 1004 New Ch. Com., Minneapolis, Minn.  
 Christian, J. E., & Co., contractors, 119 Superior av, N. E., Cleveland, Ohio.  
 Christian, Jno., Mfg. Co., thresher teeth, San Jose, Cal.  
 Christian, L., & Co., flour, Shakopee, Minn.  
 Christian, T. S., contractor, Durham, N. C.  
 Christiana Mach. Co., Christiana, Pa.  
 Christiana Machine Co., machst., Wilmington, Del.  
 Christiana, Jos., contractor, Greenwich, Conn.  
 Christiansen Bros., contractors, 469 1st av, Milwaukee, Wis.  
 Christiansen, C., cabinet makers' benches, clamps, 3418 Castello av, Chicago, Ill.  
 Christiansen, Chas., cornices, 169 Front, New York.  
 Christiansen, L., automatic elev. gates, 254 Broad, Lynn, Mass.  
 Christie, Alex., automobile springs, Seattle, Wash.  
 Christie, B. B., fndrs., Dayton, Ohio.  
 Christie Cut Stone Co., Memphis, Tenn.  
 Christie Machine Works, 191 Fremont, San Francisco, Cal.  
 Christman, A. G., Co., washing machines, ironing boards, Reading, Pa.  
 Christman, A. H., toe-calks (steel), Eaton, Ohio.  
 Christman, B., lumber, Loyal, Wis.  
 Christman, H. G., Co., contractors, South Bend, Ind.  
 Christman, Phillip, & Sons, doors—sheet metal, etc., 858 Virginia, Buffalo, N. Y.  
 Christman Piano Co., 597 E. 137th, New York.  
 Christman Sons, pianos, 35 W. 14th, New York.  
 Christmann Sheet Metal Co., cornices, 285 Delaware av, Buffalo, N. Y.  
 Christoffel's, A., Sons, scrapers, cleaners, boiler flue or tube, 277 Eldert, Brooklyn, N. Y.  
 Christofferson Aircraft Mfg. Co., 57 Post, San Francisco, Cal.  
 Christopher, Geo. C., & Son, bank & office railings, Wichita, Kan.  
 Christopher, Henry J., contractor, 99 Harvard, Boston, Mass.  
 Christopher, J. H., contractor, Ridgewood, N. J.  
 Christopher, John G., Co., mill & facty. supplies, Jacksonville, Fla.  
 Christopher, Lee, architect, Salt Lake City, Utah.  
 Christopher & Simpson Iron Wks., 9th & Pk. av, St. Louis, Mo.  
 Christy Box Car Loader Co., Des Moines, Ia.  
 Christy Co., razor mfrs., Fremont, Ohio.  
 Christy Knife Co., Fremont, Ohio.  
 Chrome Steel Wks., iron rolling mills, Chrome, N. J.  
 Chromister, V. H., soap, Decatur, Ill.  
 Chronik Bros., cameras, 73 Gold, New York.  
 Chrystal, Chas. B., clays, minerals, etc., 13 Cliff, New York.  
*See adv index at end of book.*  
 Chubb, Andrew, Jr., architect, Little Falls, N. Y.  
 Chubb, John D., architect, 109 N. Dearborn, Chicago, Ill.  
 Chubbuck Furnace Co., 1892 Washington, Boston, Mass.  
 Chum, Chas. H., architect, Asheville, N. C.  
 Church Appliance Mfg. Co., coal chutes; joists, anchor & timber caps, etc., La Salle, Ill.  
 Church Art Work Co., archl. modelers, Mount Vernon, N. Y.  
 Church Bros., lumber mfrs., Afton, N. Y.  
 Church Bros., machsts. & fndrs., Adrian, Mich.  
 Church, C. F., Mfg. Co., plumbers' supplies & bathroom fixtures & fittings, mfrs., Holyoke, Mass.  
 Church Co., pianos, Dayton, Ky.  
 Church, D. O., Co., contractors, 68 Post, San Francisco, Cal.  
 Church & Dwight Co., chemicals, 80 Maiden la, New York.  
 Church, E. C., Co., whol. hdwe. & mill & facty. supplies, 5 Eddy, Providence, R. I.  
 Church, E. I., & Co., weather strips, West Hanover, Mass.  
 Church, Elmore, lbr. mfrs., Brasher Falls, N. Y.  
 Church & Gough, contractors, Jefferson & Wyckoff avs, Brooklyn, N. Y.  
 Church, H. W., contractor, Merchants' Blk., St. Paul, Minn.  
 Church, Isaac H., expansion & toggle bolts, South Norwalk, Conn.  
 Church, J. Winfield, contractor, Narragansett Pier, R. I.  
 Church, Jas. A., Co., contractors, 262 Sherman av, New Haven, Conn.  
 Church, John, Co., pianos, 109 W. 4th, Cincinnati, Ohio.  
 Church & Morse, whol. hdwe. & mill & facty. supplies, Meriden, Conn.  
 Church, Myron H., architect, 140 S. Dearborn, Chicago, Ill.  
 Church, Stephen B., contractor, Seymour, Conn.  
 Church, W. C., Lumber Co., Des Moines, Ia.  
 Churchill & Allen, shoe tacks, nails, etc., Lynn, Mass.  
 Churchill Cabinet Co., tel. cabinet wk., 2119 Churchill, Chicago, Ill.  
 Churchill, Frank G., architect, Hennen Bldg., New Orleans, La.  
 Churchill, Frank M., architect, 536a Congress, Portland, Me.  
 Churchill, Judson N., architect, Lansing, Mich.  
 Churchman, C. Wharton, architect, 1311 Walnut, Phila., Pa.  
 Chuse & Co., horse collars, Peoria, Ill.  
 Chuse Engine & Mfg. Co., Mattoon, Ill.  
 Chute & Butler Co., organs & pianos, Peru, Ind.  
 Chute, H. O., chemical engrs., 197 Pearl, New York.  
 Chytraus, Olaf, contractor, 555 E. 8th, So., Salt Lake City, Utah.  
 Cianci, Joseph, & Son Co., contractors, 12 Ring, Providence, R. I.  
 Cibara Mfg. Co., vegetable glue, 2108 Papin, St. Louis, Mo.  
 Cicero Fuel & Bullding Material Co., Cicero, Ill.  
 Cicero Lumber Co., Cicero, Ind.  
 Cifax Packing Co., canned goods, Cifax, Va.  
 Cigar Mach. Corp. of Amer., Industrial Bldg., Baltimore, Md.  
 Cilicover, M., brushes, brooms, 41 Fulton, New York.  
 Cilley, W. W., & Co., machinists, Lynn, Mass.  
 Cimini, Pasquale L., architect, 47 Niagara, Buffalo, N. Y.  
 Cincinnati Abattoir Co., meat packers, Spring Grove av nr. Stock Yards, Cincinnati, Ohio.  
 Cincinnati Artistic Wrought Iron Co., 2941 Eastern av, Cincinnati, Ohio.  
 Cincinnati Automatic Machine Co., screw machines, Oakley, Cincinnati, Ohio.  
 Cincinnati Bag Co., 601 E. 5th, Cincinnati, Ohio.  
 Cincinnati Ball Crank Co., Oakley, Cincinnati, Ohio.  
 Cincinnati Bell Foundry Co., 2933 Spring Grove av, Cincinnati, Ohio.  
 Cincinnati Bellows Wks., 2211 Norwood av, Norwood, Cincinnati, Ohio.  
 Cincinnati Beveling & Silvering Co., glass benders & bevelers, 430 Oliver, Cincinnati, Ohio.  
 Cincinnati Bickford Tool Co., Oakley, Cincinnati, Ohio.  
 Cincinnati Blue Print Co., 141 E. 4th, Cincinnati, Ohio.  
 Cincinnati Brick Co., Addyston, Ohio.  
 Cincinnati Butchers' Supply Co., butchers' machy., meat choppers & slicers, 1976 Central av, Cincinnati, Ohio.  
 Cincinnati Can Co., oil, gasoline & pump cans, etc., 426 Culvert, Cincinnati, Ohio.  
 Cincinnati Car Co., Winton pl, Cincinnati, Ohio.  
 Cincinnati Cigar Box Co., gum lumber mfrs., 2d & John, Cincinnati, Ohio.  
 Cincinnati Clay Products & Supply Co., masons' & bldrs.' matls., Johnston Bldg., Cincinnati, Ohio.  
 Cincinnati Cloth Button Co., 536 Main, Cincinnati, Ohio.  
 Cincinnati Coffin Co., Richmond & Carr, Cincinnati, Ohio.  
 Cincinnati Cornice Wks., 637 W. Court, Cincinnati, Ohio.  
 Cincinnati Crushed Stone & Gravel Co., Rmgt., Cincinnati, O.  
 Cincinnati Cushion Co., 116 Opera pl, Cincinnati, Ohio.  
 Cincinnati Electrical Tool Co., 650 Evans, Cincinnati, Ohio.  
 Cincinnati Elevator Wks., machinists, 212 W. 2d, Cincinnati, O.  
 Cincinnati Envelope Co., 9th & Sycamore, Cincinnati, Ohio.  
 Cincinnati Fire-Proof Door Co., Cincinnati, Ohio.  
 Cincinnati Flag Pole Co., Bond Hill, Cincinnati, Ohio.  
 Cincinnati Floor Co., 228 W. 4th, Cincinnati, Ohio.  
 Cincinnati Fly Screen Co., Gest & Evans, Cincinnati, Ohio.  
 Cincinnati Frog & Switch Co., Madison rd, Oakley, Cincinnati, Ohio. *See adv index at end of book.*  
 Cincinnati Galvanizing Co., ash cans, galvanized iron & garbage pails, McMicken av & Tafel, Cincinnati, Ohio.  
 Cincinnati Gear Co., 1815 Reading rd, Cincinnati, Ohio.  
 Cincinnati Gear Cutting Machine Co., Elam & Garrard av, Cincinnati, Ohio.  
 Cincinnati Granite Wks., 4043 Spring Grove av, Cincinnati, O.  
 Cincinnati Grinder Co., Colerain & Alalanna, Cincinnati, Ohio.  
 Cincinnati & Hammond Spring Co., 909 Summer, Cincinnati, O.  
 Cincinnati Hdwd. Lbr. Co., 2624 Colerain av, Cincinnati, Ohio.  
 Cincinnati Horse Shoe & Iron Co., Clevel., Ohio.  
 Cincinnati Iron Fence Co., Spring Grove av, Cincinnati, Ohio.  
 Cincinnati Iron & Steel Co., lathes, etc., Front & Freeman, Cincinnati, Ohio.  
 Cincinnati Lathe & Tool Co., Oakley, Cincinnati, Ohio.  
 Cincinnati Lubricant Pump Co., 126 Opera pl, Cincinnati, Ohio.  
 Cincinnati Mfg. Co., ornamental iron & bronze work, fireproof doors, etc., Cincinnati, Ohio. *See adv index at end of book.*  
 Cincinnati Metal Refining Co., Babbitt metal, 1314 Dayton, Cincinnati, Ohio.  
 Cincinnati Milling Machine Co., Oakley, Cincinnati, Ohio.  
 Cincinnati Oil Wks. Co., lubrg. oils, 525 Eggleston av, Cincinnati, Ohio.  
 Cincinnati Panel Co., auto. & carriage bodies, 1938 W. 8th, Cincinnati, Ohio.  
 Cincinnati Pattern Wks., Front & Lawrence, Cincinnati, Ohio.  
**CINCINNATI PLANER CO.**, South, Oakley, Cincinnati, Ohio.  
*See adv index at end of book.*  
 Cincinnati Plate Glass Co., 319 W. 2d, Cincinnati, Ohio.  
 Cincinnati Pulley Machy. Co., pulley turning lathes, Covington, Ky.  
 Cincinnati Pump Co., Liberty & Clay, Cincinnati, Ohio.  
 Cincinnati Ry. Supply Co., wire rope clips, 13 E. 2d, Cincinnati, Ohio.  
 Cincinnati Rubber Mfg. Co., belting, hose, packing, etc., Cincinnati, Ohio.  
 Cincinnati Sash & Door Co., 942 W. 6th, Cincinnati, Ohio.  
 Cincinnati Scale Mfg. Co., 312 Walnut, Cincinnati, Ohio.  
 Cincinnati Screw Co., Twightwee, Ohio.



- Cincinnati Sewer Pipe Co., 3716 Montgomery rd, Evanston, Cincinnati, Ohio.
- Cincinnati Shaper Co., Elam & Garrard, Cincinnati, Ohio.
- Cincinnati Sheet Metal & Roofing Co., 226 W. Front, Cincinnati, Ohio.
- Cincinnati Soap Co., Sp. Grove & Clifton avs, Wn. pl, Cincinnati, Ohio.
- Cincinnati Stamping Co., tinware, 24 W. McMicken av, Cincinnati, Ohio.
- Cincinnati Steel Castings Co., Queen City & Spring Grove avs, Cincinnati, Ohio.
- Cincinnati Storage Battery Co., 228 Stark, Cincinnati, Ohio.
- Cincinnati Tech. School, engng. schools & coll., Cincinnati, Ohio.
- Cincinnati Tent & Awning Co., tool rolls, 27 E. 3d, Cincinnati, Ohio.
- Cincinnati Time Recorder Co., clocks, toys, games, etc., 1733 Central av, Cincinnati, Ohio.
- Cincinnati Time Recorder Co., 9 Church, New York.
- Cincinnati Tool Co., chisels, clamps, linemen's tools, etc., Norwood, Cincinnati, Ohio. *See adv index at end of book.*
- Cincinnati Truss Hoop Co., 115 W. 2d, Cincinnati, Ohio.
- Cincinnati Varnish Co., 2111 South, Cincinnati, Ohio.
- Cincinnati Veneer Co., 1285 W. 6th, Cincinnati, Ohio.
- Cincinnati Wire Bound Box Co., 213 Webster, Cincinnati, Ohio.
- Ciralsky, Abraham, & Son, scrap iron, South Bend, Ind.
- Cire Bros., brick, Donaldsonville, La.
- Cisco Mach. Tool Co., engine lathes, Cincinnati, Ohio.
- Cisler, Thos., & Co., brick, Marietta, Ohio.
- Cissell, J. R., meat packers, Perryville, Mo.
- Citico Furnace Co., Chattanooga, Tenn.
- Citizens' Canning Co., Spiceland, Ind.
- Citizens' Construction Co., 133 W. Washington, Chicago, Ill.
- Citizens' Cotton Oil Co., meal, Cumby, Tex.
- Citizens' Gas Co., by-products, coke, ammonia, tar, etc., 47 S. Fenn, Indianapolis, Ind.
- Citizens' Home Bldg. Co., Citizens' Bldg., Cleveland, Ohio.
- Citizens' Lumber Co., Pillsbury & Territorial rd, Minneapolis, Minn.
- Citizens' Lumber Co., Parkersburg, W. Va.
- Citizens' Mill & Gin Co., flour, Alice, Tex.
- Citizens' Sand & Gravel Co., Toledo, Ohio.
- Citrus Soap Co., San Diego, Cal.
- Cittenden, B. D., masons' & bldrs.' matls., Burton, Ohio.
- City Boiler & Machine Co., Cambridge & Roberts av, Kansas City, Mo.
- City Brass Fdry. Co., castings, 5318 St. Clair av, Cleveland, O.
- City Brass Wks., founders, Columbus, Ohio.
- City Brass Wks., machsts. & fndrs., 159 N. Jefferson, Chicago, Ill.
- City Button Wks., 376 2d av, New York.
- City Carriage Wks., Ft. Wayne, Ind.
- City Coal Co., masons' & bldrs.' matls., Pawtucket, R. I.
- City Coal & Wood Co., masons' & bldrs.' matls., New Britain, Conn.
- City Concrete & Coal Co., masons' & bldrs.' matls., 936 Woodward av, Detroit, Mich.
- City Constr. Co., Pereles Bldg., Milwaukee, Wis.
- City Cornice Works, Seattle, Wash.
- City Cornices & Skylight Co., 267 W. 35th, New York.
- City & County Contract Co., Grand Central Terminal, New York.
- City Engineering Co., machinists, Fourth & St. Clair, Dayton, O.
- City Flour Milling Co., Statesville, N. C.
- City Forge & Iron Works, 424 E. First, Dayton, Ohio.
- City Foundry Co., 45th & Hamilton av, Cleveland, Ohio.
- City Foundry Co., 2585 Pawtucket av, Providence, R. I.
- City Foundry Co., Toledo, Ohio.
- City Fuel & Supply Co., masons' & bldrs.' matls., Hammond, Ind.
- City Gas Co., coal tar products, Norfolk, Va.
- City Iron Co., Lowell, Mass.
- City Iron Wks. & Mach. Co., 522 S. Del. av, Philadelphia, Pa.
- City Lumber Co., Jackson, Tenn.
- City Lumber Co., Woonsocket, R. I.
- City Lbr. & Coal Co., 590 W. Main, Waterbury, Conn.
- City Lumber Yard, sash, door & blind, Iron Mountain, Mich.
- City Machine Co., Cleveland, Ohio.
- City Mill & Grain Co., flour, Columbia, Tenn.
- City Mills Co., flour, Columbus, Ga.
- City Ornamental Iron Wire & Brass Wks., fndrs., San Diego, Cal.
- City Ornamental Iron Works, 2424 Porter, Los Angeles, Cal.
- City Paving & Constr. Co., 2064 W. 13th pl, Cleveland, Ohio.
- City Point Concrete Co., 149 Greenwich av, New Haven, Conn.
- City Purchasing Dept., City Hall, St. Paul, Minn.
- City Sash & Door Co., 132 E. Lake, Minneapolis, Minn.
- City Sash & Door Co., Seattle, Wash.
- City Street Improvement Co., contractors & dock bldrs., 166 Geary, San Francisco, Cal.
- City Waste Disposal Co., 45 7th av, New York.
- Cizek Bros. Mfg. Co., portable grain elev., Clutier, Ia.
- C. J. Mfg. Co., meters (coal), 3425 N. 5th, Philadelphia, Pa.
- Clad, V., & Sons, hotel confectioners & bakers' supplies, 16th & Callowhill, Philadelphia, Pa.
- Claffin, C. A., Co., boiler tube soot blowers & steam hose couplings, mfrs., & mill & factory supplies, 161 High, Boston, Mass.
- Claffin, Fuller, architect, Elks Temple, Detroit, Mich.
- Claffin, H. B., architect, Phoenix, Ariz.
- Claffin Machine Co., Waterville, Me.
- Claffin Mill & Elevator Co., Claffin, Kan.
- Claffin, Waldo M., shoes (baseball & athletic), 1107 Chestnut, Philadelphia, Pa.
- Claggett Saddletree Co., Jeffersonville, Ind.
- Claiborne Av Sash Factory Co., 2460 N. Claiborne, New Orleans, La.
- Claiborne, Johnston & Co., contractors, Garrett Bldg., Baltimore, Md.
- Claire Furnace Co., Sharpsville, Pa.
- Claire, Justinian, Co., chemical apparatus, 573 Market, San Francisco, Cal.
- Clampitt & Moss, oil & gas well supplies, 959 E. 4th, Los Angeles, Cal.
- Clancy Hardware Co., Syracuse, N. Y.
- Clancy, J. R., hose clamps, plugs, etc., Syracuse, N. Y.
- Clancy, R. L., machy. dtrs., Savannah, Ga.
- Clancy, W. J., contractor, Alpena, Mich.
- Clapp & Abercrombie Co., architects, Greenfield, Mass.
- Clapp, Alfred, lumber, 112 Water, Boston, Mass.
- Clapp, B. P., Ammonia Co., Louisville, Ky.
- Clapp, C. E., & Co., scrap iron & rubber, 170 Summer, Boston, Mass.
- Clapp, Chalmers S., architect, Framingham, Mass.
- Clapp, E. D., Mfg. Co., carriage hardware, etc., 300 Genesee, Auburn, N. Y.
- Clapp, E. H., Rubber Co., reclaimed rubber, 49 Federal, Boston, Mass.
- Clapp Fire Resisting Paint Co., Bridgeport, Conn.
- Clapp, Frank, architect, 723 Liberty av, Spokane, Wash.
- Clapp, H. D. B., & Co., burlap, 824 N. American, Phila., Pa.
- Clapp, J. M., contractor, Seattle, Wash.
- Clapp & Treat, whol. hdwe. & mill & facty. supplies, 68 State, Hartford, Conn.
- Clapp, Z. C., steam htg. contractors, Springfield, Mass.
- Clapton, B. M., sashes, doors & blinds, Corsicana, Tex.
- Clarage Fan Co., centrifugal fans, North & Porter, Kalamazoo, Mich.
- Clare Knitting Mills, knitted gloves, Saginaw, Mich.
- Claremont Knitting Co., sweaters, cardigans, etc., 206 Stagg, Brooklyn, N. Y.
- Claremont Paper Co., Claremont, N. H.
- Claremore Mill & Elevator Co., flour, Claremore, Okla.
- Clarendon Cotton Oil Co., meal, St. Paul, S. C.
- Clarendon Marble Co., West Rutland, Vt.
- Clarendon Refining Co., petroleum products, Clarendon, Pa.
- Clarendon Torpedo Co., Titusville, Pa.
- Clarey, Jas., Co., oven bldrs., 766 11th av, New York.
- Clarinda Lawn Mower Co., Clarinda, Ia.
- Clarion Gas Co., Oil City, Pa.
- Clark, A. C., & Co., boiler flue cleaners, 1035 E. 76th, Chicago, Ill.
- Clark, A. F. Lumber Co., wood cross arms, Peabody, Mass.
- Clark, A. J., Co., anchor straps, Salem, Ohio.
- Clark, A. L., Lumber Co., Glenwood, Ark.
- Clark, A. L., Stone Co., Elizabeth, N. J.
- Clark, A. N., & Son, machsts. & fndrs., Plainville, Conn.
- Clark, A. R., & Co., contractors, 30 N. Michigan av, Chicago, Ill.
- Clark, Allen, & Co., handles, New Britain, Ohio.
- Clark, Allison P., Co., contractors, Montclair, N. J.
- Clark, Alvan, & Sons Corp., telescopes, Cambridge, Mass.
- Clark, Andrew R., flour mills, Lettsburg, Va.
- Clark, Appleton P., Jr., architect, 816 14th, N. W., Washington, D. C.
- Clark, Archibald G., architect, Lowman Bldg.,
- Clark & Arms, architects, 542 5th av., New York.
- Clark Automatic Dust Collecting Co., Fisher Bldg., Chicago, Ill.
- Clark & Bates Lbr. Co., sash, door & blind mfrs., Commerce Bldg., Kansas City, Mo.
- Clark Blade Razor Co., 56 Summer av, Newark, N. J.
- Clark Body Co., auto. metal bodies, Water, Amesbury, Mass.
- Clark & Boice Lbr. Co., Dallas, Tex.
- Clark Brick & Tile Co., Clark, N. C.
- Clark Bros., flour, Troy, Kan.
- Clark Bros., htg. contractors, 1228 Locust, Philadelphia, Pa.
- Clark Bros., masons' & bldrs.' matls., Cambridge, Mass.
- Clark Bros. Bolt Co., bolts, nuts, screws & rivets, mfrs., Milldale, Conn. *See adv index at end of book.*
- Clark Bros. Co., machsts. & fndrs., Olean, N. Y.
- Clark Bros. & Co., sash, door & blind, Plymouth, Pa.
- Clark Bros. Cutlery Co., 926 B'way, Kansas City, Mo.
- Clark Bros. Pottery Co., Cannelton, Ind.
- Clark, Burton S., architect, 747 Main, Hartford, Conn.
- Clark, C. B., & Co., contractors, Commonwealth Bk. Bldg., Baltimore, Md.
- Clark, C. C., & Son, fertilizer mfrs., Mt. Ephraim, N. J.
- Clark, C. Everett, Co., contractors, 69 W. Washington, Chicago, Ill.
- Clark, C. L., sweep horse powers, St. Johnsbury, Vt.
- Clark, C. N., & Co., stone producers., Urbana, Ill.
- Clark, C. W., architect, Cortland, N. Y.
- Clark Car Co., industrial, mine, ore & railroad cars, etc., Oliver Bldg., Pittsburgh, Pa.
- Clark Cast Steel Cement Co., elastic, iron & pipe joint cements, Shelton, Conn.
- Clark Caster Co., machsts. & fndrs., Plainville, Conn.
- Clark, Chas. J., air meters, 1716 W. Adams, Chicago, Ill.
- Clark, Chas. R., architect, Champaign, Ill.



- Clark, Chas. S., architect, 443 E. Tremont av, New York.  
 Clark, Chester N., architect, Beverly, Mass.  
 Clark & Co., contractors, 225 5th av, New York.  
 Clark & Co., lbr., sash, door & blind mfrs., 515 Hunterdon, Newark, N. J.  
 Clark & Co., stone producers, wkrs., dealers, 4415 Fkd., Philadelphia, Pa.  
 Clark & Co., turpentine, Bonifay, Fla.  
 Clark Construction Co., Danville, Ill.  
 Clark Construction Co., 928 B'way, Kansas City, Mo.  
 Clark County Construction Co., Winchester, Ky.  
 Clark County Lumber Co., Springfield, Ohio.  
 Clark County Oil & Fertilizer Co., Athens, Ga.  
 Clark & Craighead, contractors, 6346 Opal, Philadelphia, Pa.  
 Clark, Cyrus B., dowels, Grand Rapids, Mich.  
 Clark, D. M., cornices & skylights, Marquette, Mich.  
 Clark, D. N., masons' & bldrs.' matls., Shelton, Conn.  
 Clark, D. W., & Co., aluminum castings, 280 First, Boston, Mass.  
 Clark-Danforth Handle Co., Cairo, Ill.  
 Clark, David H., Co., contractors, 166 Brewery, New Haven, Conn.  
 Clark & Durham, flour mills, Franklin, Ky.  
 Clark, E. C., Motor Co., machinists, Jackson, Mich.  
 Clark, E. R., Co., machinists, Hartford, Conn.  
 Clark, Edred W., machinist, Hartford, Conn.  
 Clark, Edw. S., auto. engines, Boston, Mass.  
 Clark, Edwin R., architect, Chelmsford, Mass.  
 Clark, Elbert N., contractor, Milford, Conn.  
 Clark Elec. & Mfg. Co., 149 B'way, New York.  
 Clark Elec. Meter Co., 215 S. Clinton, Chicago, Ill.  
 Clark, Elizabeth B., landscape architect, 235 S. 11th Phila., Pa.  
 Clark Engine & Boiler Co., steam engines & boilers, Kalamazoo, Mich.  
 Clark, F. Alton, architect, Naugatuck, Conn.  
 Clark, F. C., petrotatum, 316 Kinzie, Chicago, Ill.  
 Clark, F. N., lbr. mfrs., Manton, Mich.  
 Clark, F. R., granite, Concord, N. H.  
 Clark Flexible Coupling Co., 27 Walker, New York.  
 Clark & Flanagan, switchboards, Fair Haven, Vt.  
 Clark Flexible Metallic Packing Co., Portland, Me.  
 Clark Fndry. Co., Rumford, Me.  
 Clark, Fred G., Co., chemicals, 1081 W. 11th, Cleveland, Ohio.  
 Clark, G. A., Co., sash, door & blind mfrs., Sidney, N. Y.  
 Clark, G. Aldersey, landscape archt., 46 Cornhill, Boston, Mass.  
 Clark, Gardner, masons' & bldrs.' matls., Philadelphia, N. Y.  
 Clark Gas Engine Co., machsts., Evansville, Ind.  
 Clark, Gay, Mfg. Co., spokes, Little Rock, Ark.  
 Clark, Geo. C., Metal Last Co., machsts., Mishawaka, Ind.  
 Clark, Geo. D., masons' & bldrs.' matls., Blossburg, Pa.  
 Clark, Geo. H., & Co., hosiery boards, Meredith, N. H.  
 Clark, Geo. M., & Co., gas heaters, stoves, ovens, etc., 179 N. Michigan av, Chicago, Ill.  
 Clark, George P., Co. (The), trucks, casters, fans & wringing machines, mfrs., Windsor Locks, Conn.  
*See adv index at end of book.*  
 Clark, Geo. W., tin cans, 252 Water, New York.  
 Clark-Graham Co., canned goods, Tacoma, Wash.  
 Clark Grain & Fuel Co., masons' & bldrs.' matls., Chippewa Falls, Wis.  
 Clark Grave Vault Co., burial vaults, Columbus, Ohio.  
 Clark, H. C., & Son Machine Co., paper mill machy., Lee, Mass.  
 Clark, H. E., & Bros., door lock, etc., mfrs., (Brighton), Rochester, N. Y.  
 Clark, H. H., architect, 7 South Excelsior av, Butte, Mont.  
 Clark, H. W., Co., machsts. & fndrs., Mattoon, Ill.  
 Clark, H. W., Leather Co., Woburn, Mass.  
 Clark, H. W., & Son, machsts. & fndrs., Denison, Tex.  
 Clark, Haniel, & Son, sash, door & blind, Union City, Pa.  
 Clark, Haniel, & Son Co., sash, door & blind mfrs., Corry, Pa.  
 Clark Hardware Co., Black Hawk, Colo.  
 Clark Hardware Co., Jamestown, N. Y.  
 Clark, Harlan M., architect, New England Bldg., Cleveland, Ohio.  
 Clark & Henery Construction Co., Stockton, Cal.  
 Clark, Henry N., Co., hot air furnaces, 56 Union, Boston, Mass.  
 Clark, Herd Mfg. Co., tables (billiard, pool), 2419 N. Front, Philadelphia, Pa.  
 Clark Implement Co., machsts. & fndrs., Council Bluffs, Ia.  
 Clark, J. A., sash, door & blind, Point Marion, Pa.  
 Clark, J. Alfred, machsts. & fndrs., 35th & Gray's Ferry rd, Philadelphia, Pa.  
 Clark, J. B., architect, Henry Bldg., Portland, Ore.  
 Clark, J. C., machsts. & fndrs., Atlanta, Ga.  
 Clark, J. G., lumber mfr., Beirne, Ark.  
 Clark, J. L., Carriage Co., carriages, trucks, & wagons, 519 High, Oshkosh, Wis.  
 Clark, J. L., Mfg. Co., boxes, tin cans, flour sifters, etc., Rockford, Ill.  
 Clark, J. N., masons' & bldrs.' matls., Milford, Ohio.  
 Clark, J. R., Co., packing box mfrs., 2d av, N., & Aldrich av, Minneapolis, Minn.  
 Clark, Jas., Dist. Co., Cumberland, Md.  
 Clark, Jas. F., cornices, 15 Grant ct, Detroit, Mich.  
 Clark, Jas., Jr., Electric Co., machsts., Louisville, Ky.  
 Clark, Jas. S., granite, Rutland, Vt.  
 Clark, Jas. T., Co., machsts. & fndrs., 70 Adams, Newark, N. J.  
 Clark, Jno., sash, door & blind mfrs., 231 Hopkinson av, Brooklyn, N. Y.  
 Clark, John C., & Son, contrs., 1925 Penna. av, Baltimore, Md.  
 Clark, Jno., Saddlery Co., Portland, Ore.  
 Clark, Josiah, stone producers, Quakertown, Pa.  
 Clark, L. D., & Son, canned goods, Eastport, Me.  
 Clark & Lee Co., contractors, 201 Devonshire, Boston, Mass.  
 Clark Lumber Co., 16 Seminary av, Auburn, N. Y.  
 Clark Lbr. Co., Millwood, Ore.  
 Clark, M. F., contractor, Youngstown, Ohio.  
 Clark Machine Co., St. Johnsville, N. Y.  
 Clark Mach. & Fdry. Co., textile machy., supplies, etc., Franklin, Mass.  
 Clark, MacMullen & Riley, heating & ventg. engrs., 101 Park av, New York.  
 Clark Mfg. Co., brick, Moseleyville, Ky.  
 Clark Mfg. Co., coffins, etc., Providence, R. I.  
 Clark Mfg. Co., horse blankets, West Newton, Mass.  
 Clark, Melville, Piano Co., 410 S. Michigan av, Chicago, Ill.  
 Clark Mile End Spool Cotton Co., East Newark, N. J.  
 Clark Milling Co., flour, Augusta, Ga.  
 Clark & Mills Elec. Co., Cambridge, Mass.  
 Clark, Morton, architect, 3118 1st, Des Moines, Ia.  
 Clark & Munger, architects, Bay City, Mich.  
 Clark, N. & Sons, brick & tile, 116 Natoma, San Francisco, Cal.  
 Clark, N. W., contractor, 166 Devonshire, Boston, Mass.  
 Clark-Nickerson Lumber Co., Everett, Wash.  
 Clark & Norton Mfg. Co., machsts. & fndrs., Wellsville, N. Y.  
 Clark Novelty Co., 380 Exchange, Rochester, N. Y.  
 Clark, O. L., architect, Bakersfield, Cal.  
 Clark Paint, Oil & Glass Co., Rochester, N. Y.  
 Clark Paper & Mfg. Co., Rochester, N. Y.  
 Clark & Pearce, granite, S. Quincy, Quincy, Mass.  
 Clark, Peter, Iron Wks., 406 W. 30th, New York.  
 Clark Pressed Brick Co., Malvern, Ark.  
 Clark, R. F., husking hooks, 54 W. Lake, Chicago, Ill.  
 Clark, R. S., & Son, labels & tags, Cohoes, N. Y.  
 Clark-Ray-Johnson Co., turpentine, Hernando, Fla.  
 Clark-Rhodes Lbr. Co., Richmond, Va.  
 Clark, Robert C., architect, U. S. Yards, Chicago, Ill.  
 Clark, Robt. E., Thread Co., Chester, Pa.  
 Clark & Roberts Co., dental & hospital furniture, Indianapolis, Ind.  
 Clark & Russell, architects, 110 Tremont, Boston, Mass.  
 Clark, S. L., & Son, lbr. mfrs., Larishville, N. Y.  
 Clark, Sam'l (Est. of), brick, Eliot, Me.  
 Clark-Smith Hardware Co., Peoria, Ill.  
 Clark Supply House, steam fitters' supplies, Noblesville, Ind.  
 Clark, T. B., & Co., cut glassware, Honesdale, Pa.  
 Clark, T. E., Jr., lime mfrs., 1305 N. J. av, Washington, D. C.  
 Clark, T. F., & Co., coal chutes, Salem, Ohio.  
 Clark, T. F., & Co., cornices & skylights, Seattle, Wash.  
 Clark Textile Co., knitted gloves, Saratoga Springs, N. Y.  
 Clark Thread Co., Clark, Newark, N. J.  
 Clark, Tom, architect, Fremont, Neb.  
 Clark & Tunison, contractors, 17 Queens, Long Island City, N. Y.  
 Clark, W. E., architect, 506 Frear Bldg., Troy, N. Y.  
 Clark, W. Emery, architect, Bakewell Bldg., Pittsburgh, Pa.  
 Clark, W. J., Co., textile machy., supplies, etc., Salem, Ohio.  
 Clark, W. L., & Co., canned goods, Vale, Md.  
 Clark, W. N., Co., canned goods, Rochester, N. Y.  
 Clark, Walter, mill & facty. supplies, Clarksdale, Miss.  
 Clark, Wm. J., contractor, Carnegie, Pa.  
 Clark, Wm. L., architect, Alexandria, Va.  
 Clark & Wilson Lbr. Co., Linnton, Ore.  
 Clarke, A. B., & Son Hardware Co., 1215 E. Main, Richmond, Va.  
 Clarke, Audley, Co., masons' & bldrs.' matls., 527 Smith, Brooklyn, N. Y.  
 Clarke & Baker Co., stationers' spec., 316 B'way, New York.  
 Clarke Bros. & Co., gin distillers, Peoria, Ill.  
 Clarke Can Co., boxes & cans (sitho metal), 12th & Fitzwater, Philadelphia, Pa.  
 Clarke, Chas. A., masons' & bldrs.' matls., Jennings, La.  
 Clarke, Chas., & Co., contractors, Galveston, Tex.  
 Clarke-Conroy Co., stone producers, Norwich, N. Y.  
 Clarke Construction Co., Clinton, Ia.  
 Clarke & Courts, architects & engineers' instruments & supplies, Galveston, Tex.  
 Clarke, F. H., Mfg. Co., concrete mixers, 10719 Superior av, Cleveland, Ohio.  
 Clarke, Frederick W. & Edwin B., architects, Brandeis Bldg., Omaha, Neb.  
 Clarke & Howe, architects, Turk's Head Bldg., Providence, R. I.  
 Clarke, J. J., Co., Ltd., masons' & bldrs.' matls., 1111 Julia, New Orleans, La.  
 Clarke, J. O., Tank Co., Crawfordsville, Ind.  
 Clarke Machinery Co., San Diego, Cal.  
 Clarke, Robt., bath room fx. & furnishings, 100 Schermerhorn, Brooklyn, N. Y.  
 Clarke, T. A., Co., contractors, 122 Livingston, Brooklyn, N. Y.  
 Clarke, W. M., architect, Metz Bldg., Grand Rapids, Mich.  
 Clarke, Wm. G., contractor, Spitzer Bldg., Toledo, Ohio.  
 Clarke, Wm., & Sons, damasks (cotton), Cedar & Margaret, Philadelphia, Pa.  
 Clarke, Wm. Wirt, & Son, masons' & bldrs.' matls., Monument & Forest, Baltimore, Md.



Clarke & Winston Co., contractors, 10th & Wharf, S. W., Washington, D. C.  
 Clarke's Brass Fdry., Kansas City, Mo.  
 Clarks, A. H., Son, contractors, 275 High, Newark, N. J.  
 Clark's Foundry, grey iron castings, 1327 Osage, Denver, Colo.  
 Clark's Iron Fdry., Bayonne, N. J.  
 Clarksburg Casket Co., Clarksburg, W. Va.  
 Clarksburg Glass Co., benders, Clarksburg, W. Va.  
 Clarksburg Opalescent Glass Works, Clarksburg, W. Va.  
 Clarksburg Pottery Co., Clarksburg, W. Va.  
 Clarksdale Machinery Supply Mfg. Co., Clarksdale, Miss.  
 Clarkson & Ford Co., lubrg. oils., 55 Water, New York.  
 Clarkson Glue Co., 3259 Shields av. Chicago, Ill.  
 Clarkson, John T., contractor, Hagerstown, Md.  
 Clarkson Mfg. Co., pulley mortising machines, Lancaster & Dallas, Baltimore, Md.  
 Clarkson Memorial School of Technology, engng. school & col., Potsdam, N. Y.  
 Clarkson Milling Co., flour, Clarkson, Ky.  
 Clarksville Fdry. & Mach. Works, Clarksville, Tenn.  
 Clary Bros., carriages, Troy, N. Y.  
 Clas, A. C., architect, Colby-Abbott Bldg., Milwaukee, Wis.  
 Clasen, E. L. Co., cornices, 3114 Shields av, Chicago, Ill.  
 Clason Architectural Metal Works, roofing & sheet metal contractors, 428 Kinsley av, Providence, R. I.  
 Claiberg, F. A., & Co., razor & cutlery mfrs., 27 Park pl, New York.  
 Claude & Starck, architects, Madison, Wis.  
 Claudius, Chas. W., architect, Richmond, Cal.  
 Claudius, Henry F., architect, Asheville, N. C.  
 Clauer, Ernst C., architect, 2447 North av, Milwaukee, Wis.  
 Claus Automatic Gas Cock Co., brass castings, 2601 Vilet, Milwaukee, Wis.  
 Clausen, Arthur C., architect, Lumber Ex., Minneapolis, Minn.  
 Clausen, Chas. O., architect, Hearst Bldg., San Francisco, Cal.  
 Clausen, H. C., Iron Wks., 433 E. 74th, New York.  
 Clausen & Kruse, architects, Central Office Bldg., Davenport, Ia.  
 Clausen, N. C., Arch. Iron Co., Albany, N. Y.  
 Clauser, W. H., & Sons, contractors, Delphi, Ind.  
 Clausmeier & Archer, machsts., Ft. Wayne, Ind.  
 Clausnitzer, John, architect, 272 3d av, New York.  
 Clauss & Kraus, meat packers, Sacramento, Cal.  
 Clauss Shear Co., Fremont, Ohio.  
 Claussen & Claussen, architects, Macleary Bldg., Portland, Ore.  
 Claverie, A. J., & Co., tallow, New Orleans, La.  
 Claviola Co., pianos, 520 W. 48th, New York.  
 Clawson Chemical Co., Ridgway, Pa.  
 Clawson, L. E., Co., sewer pipes, chimney tops, 80 Page, San Francisco, Cal.  
 Clawson Mach. Co., Flagtown, N. J.  
 Clay County Cotton Oil Co., cottonseed meal, West Point, Miss.  
 Clay County Mill & Elevator Co., Piggott, Ark.  
 Clay County Oil Mill & Fertilizer Co., Lineville, Ala.  
 Clay County Steam Brick Wks., Green Coal Springs, Fla.  
 Clay Engine Co., 6950 Kinsman rd, Cleveland, Ohio.  
 Clay, Jno. H., machsts. & fndrs., 1320 Ridge av, Philadelphia, Pa.  
 Clay Product Co., 175 W. Jackson Blvd., Chicago, Ill.  
 Clay, Wm. W., architect, 226 S. La Salle, Chicago, Ill.  
 Claybrook-Neale Packing Co., Bowlers Wharf, Va.  
 Claycraft Brick Co., Hartman Bldg., Columbus, Ohio.  
 Claycraft Builders Supply Co., Hartman Bldg., Columbus, Ohio.  
 Claymont Brick Wks., common, New Cumberland, W. Va.  
 Clayson, Edw., contractors, 1307 N. Harding, Chicago, Ill.  
 Clayton Canning Co., Clayton, Del.  
 Clayton, Geo. A., contractor, Atlanta, Ga.  
 Clayton, J. M., & Co., canned goods, Hoopersville, Md.  
 Clayton, John, Plow Co., Minneapolis, Minn.  
 Clayton & Lambert Mfg. Co., mfrs. of small tools and automobile accessories, 205 Piquette av E., Detroit, Mich.  
 Clayton-Marlbrough Mfg. Co., vacuum cleaners, Rochester, N. Y.  
 Clayton, N. W., masons' & bldrs.' matls., South River, N. J.  
 Clayton, Nicholas J., architect, 1205 35th, Galveston, Tex.  
 Clayton Oil Mill, fertilizer, Clayton, N. C.  
 Clayton's, Frank B., Sons, racks (trunk, automobile), 1227 N. 11th, Philadelphia, Pa.  
 Clayville Paper Mills Co., Clayville, N. Y.  
 Clayworker, trade publication, Indianapolis, Ind.  
 Cleaner Mfg. Co., polishes, 2842 Olive, St. Louis, Mo.  
 Cleanola Co., metal polish, Fulton Bldg., Pittsburgh, Pa.  
 Cleanso Spec. Co., soap, Cambridge, Mass.  
 Clear Creek Lbr. Co., Reeves, La.  
 Clear Lake Lumber Co., Clear Lake, Wash.  
 Clear Springs Distilling Co., 229 W. Randolph, Chicago, Ill.  
 Clearfield Brick Mfg. Co., Clearfield, Pa.  
 Clearfield Clay Working Co., brick, Clearfield, Pa.  
 Clearfield Fire Brick Co., Clearfield, Pa.  
 Clearfield Hardware Co., Clearfield, Pa.  
 Clearfield Mach. Shops, sand sifters, Clearfield, Pa.  
 Clearfield Millwork & Lumber Co. (Ltd.), Clearfield, Pa.  
 Clearfield Sewer Pipe Co., Clearfield, Pa.  
 Cleary Bros., lumber, Bow, Wash.  
 Cleary, J. E., tubular boilers, Spokane, Wash.  
 Cleary, Peter, contractor, 115 Marton, Brooklyn, N. Y.  
 Cleary-White Construction Co., 105 W. Monroe, Chicago, Ill.  
 Cleaton, J. A., lbr. mfrs., Ruston, La.  
 Cleaver & Leather, mill & facty. supplies, Paterson, N. J.

Cleburne Fdry. Co., Cleburne, Tex.  
 Cleerman Land & Lumber Co., Green Bay, Wis.  
 Cleese, John P., Co., 18th & York, San Francisco, Cal.  
 Clegg, F. A., & Co., steam htg. contrs., Louisville, Ky.  
 Clegg, J., Co., watchmakers' tools, Attleboro, Mass.  
 Clegg, Jno. W., & John, heating contrs., Ottawa, Ill.  
 Clegg, R. H., brick, Durham, N. C.  
 Cleghorn Co., htg. contrs., 54 Batterymarch, Boston, Mass.  
 Cleland, G. A., contractor, Kankakee, Ill.  
 Cleland Mfg. Co., agricultural implements, 280 Washington av, N., Minneapolis, Minn.  
 Clem Bros., masons' & bldrs.' matls., Staunton, Va.  
 Clem, John M., & Son, flour mills, Malvern, Ark.  
 Clemence, Geo. H., architect, 405 Main, Worcester, Mass.  
 Clemence, J. C., architect, Deer Park, Wash.  
 Clemens Elect'l Corp., 725 Main, Buffalo, N. Y.  
 Clemens, John, machsts., 1922 S. 7th, St. Louis, Mo.  
 Clement & Clement, meat packers, Danville, Va.  
 Clement Coverall Co., baking enamels, Camden, N. J.  
 Clement, F. H., & Co., contractors, Land Title Bldg., Phila., Pa.  
 Clement, Hugh B., architect, Penobscot Bldg., Detroit, Mich.  
 Clement, J. L., & Sons, lumber, Gobleville, Mich.  
 Clement Mfg. Co., cutlery mfrs., Northampton, Mass.  
 Clement, W. D., machsts., Waltham, Mass.  
 Clements, A. J., & Son, masons' & bldrs.' matls., Massillon, O.  
 Clements, C., granite producers, Boston, Mass.  
 Clements, G. C., architect, Bishop, Cal.  
 Clements Mfg. Co., hand vacuum cleaners, 609 Fulton, Chicago, Ill.  
 Clemetsen Co., desks, 2608 Flournoy, Chicago, Ill.  
 Clemm, Robert C., architect, 9 Clinton, Newark, N. J.  
 Clemons, C. B., Co., pianos, 1513 W. Madison, Chicago, Ill.  
 Clemons, Chas. H., lumber, Montesano, Wash.  
 Clemons, L. J., architect & contractor, Youngstown, Ohio.  
 Clemons Mach Co., sand papering machs., Hornell, N. Y.  
 Clemson Bros., saws, Middletown, N. Y.  
 Clemson College, engng. school & coll., Clemson College, S. C.  
 Clemson Knife Co., Woburn, Mass.  
 Clendenin Bros., copper products mfrs., Baltimore, Md.  
 Clepper, E. E., architect, Sharon, Pa.  
 Clepper, H. C., architect, Park Bldg., Pittsburgh, Pa.  
 Clergy, Stephen, Jr., architect, 124 Demond pl, Buffalo, N. Y.  
 Clerkin, Andrew J., cornices, New Haven, Conn.  
 Clermont Brick Co., Batavia, Ohio.  
 Clermont Dist & Mill Co., Moscow, Ohio.  
 Clermont Sewer Pipe Co., Clermont, Pa.  
 Clermont Sewer Pipe Co., 50 Church, New York.  
 Clernand & Co., freight elevators, etc., 359 W. B'way, New York.  
 Cleveland-Akron Bag Co., Cleveland, Ohio.  
 Cleveland, Alden T., Mfg. Co., polishes & shoe blacking, 125 Broad, Boston, Mass.  
 Cleveland Alloys Co., babbitt metal, Elm & Superior, Cleveland, O.  
 Cleveland Aluminum Casting Co., machsts. & fndrs., 1386 E. 40th, Cleveland, Ohio.

## CLEVELAND ARMATURE WORKS

4736 St. Clair av, Cleveland, O.

Cleveland Art Metal Co., bronze arch., bank & office railings, 3620 Superior, Cleveland, Ohio.  
 Cleveland Art Silk Co., Cleveland, Ohio.  
 Cleveland Auto Top & Trimming Co., 2084 E. 22d, Cleveland, O.  
 Cleveland Automatic Machine Co., 2269 E. 65th, Cleveland, O.  
 Cleveland Axle Mfg. Co., Canton, Ohio.  
 Cleveland Belting & Machine Co., mchy. dealers, 1922 Scranton rd, Cleveland, Ohio.  
 Cleveland Billiard & Mfg. Co., 306 Prospect av, N. E., Cleveland, Ohio.  
 Cleveland Block Co., tackle, 1173 W. 11th, Cleveland, Ohio.  
 Cleveland Blow Pipe & Mfg. Co., 6302 Kinsman rd, Cleveland, O.  
 Cleveland Bolt & Mfg. Co., Cleveland, Ohio.  
 Cleveland Box Co., lumber, shooks, Cleveland, Ohio.  
 Cleveland Brass Mfg. Co., plumbers' brass goods, 4606 Hamilton av, Cleveland, Ohio.  
 Cleveland Brass Works, machsts. & fndrs., Cleveland, Ohio.  
 Cleveland Brewers' Supply Co., mchy, 1506 W. 25th, Cleveland, Ohio.  
 Cleveland Brick & Clay Co., B. of L. E. Bldg., Cleveland, Ohio.  
 Cleveland Brick Machy. Co., Wickliffe, Ohio.  
 Cleveland Builders' Supply Co., Leader-News Bldg., Cleveland, O.  
 Cleveland Burial Case Co., 2274 St. Clair av, N. E., Cleveland, O.  
 Cleveland Button Co., Cleveland, Ohio.  
 Cleveland Canning Co., Cleveland, Wis.  
 Cleveland-Canton Spring Co., Canton, Ohio.  
 Cleveland Car Specialty Co., carlines, Lakeside, opp. E. 45th, Cleveland, Ohio.  
 Cleveland Castings Patterns Co., 1930 E. 61st, Cleveland, Ohio.  
 Cleveland Chain & Mfg. Co., hooks, shackle, chain, etc., 2 A. B. C. R. R., Cleveland, Ohio.  
 Cleveland Chandelier Co., 717 Lakeside, N. W., Cleveland, Ohio.  
 Cleveland City Forge & Iron Co., E. 45th, Cleveland, Ohio.



- Cleveland Cliffs Iron Co., blast furnace, chemicals & oils, Rockefeller Bldg., Cleveland, Ohio.
- Cleveland Clutch Co., Cleveland, Ohio.
- Cleveland Coffin & Casket Co., Cleveland, Tenn.
- Cleveland Coil & Mfg. Co., 1011 Power av, Cleveland, Ohio.
- Cleveland Columa Co., 1826 Columbus rd, Cleveland, Ohio.
- Cleveland Constr. Co., Citizens Bldg., Cleveland, Ohio.
- Cleveland Co-Operative Stove Co., 2323 E. 67th, Cleveland, O.
- Cleveland Crane & Engineering Co., Wickliffe, Ohio.
- Cleveland Cream Separator Co., Whitney blk., Cleveland, Ohio.
- Cleveland Dental Supply Co., time & automatic switches, 623 Rose Bldg., Cleveland, Ohio.
- Cleveland Die & Mfg. Co., Cleveland, Ohio.
- Cleveland Dock Engineering Co., Citizens Bldg., Cleveland, Ohio.
- Cleveland Dustout Co., compounds, sweepings, 2100 E 55th, Cleveland, Ohio.
- Cleveland Elbow Mfg. Co., stove pipe & elbow mfrs., 1615 Merwin, N. W., Cleveland, Ohio.
- Cleveland Electro Metals Co., machsts. & fndrs., 2397 W. 38th, Cleveland, Ohio.
- Cleveland Engineering Co., employment agency, Rose Bldg., Cleveland, Ohio.
- Cleveland Fabric Belting Co., 1471 W. 110th, Cleveland, Ohio.
- Cleveland Fare Box Co., 5318 St. Clair av, Cleveland, Ohio.
- Cleveland Faucet Co., machsts. & fndrs., Cleveland, Ohio.
- Cleveland Flue Cleaner Mfg. Co., emery wheel dressers, 321 Frankfort av., N. W., Cleveland, Ohio.
- Cleveland Flush Meter Co., valves flushing, 118 Noble ct, Cleveland, Ohio.
- Cleveland Folding Machine Co., mchy., Cleveland, Ohio.
- Cleveland Frog & Crossing Co., 6917 Bessemer av, Cleveland, O.
- Cleveland Furnace Co., Clark av S. W. & Cuyahoga River, Cleveland, Ohio.
- Cleveland Galvanizing Works Co., chain mfrs., E. Cooper av, Cleveland, Ohio.
- Cleveland Gas & Electric Supply Co., 940 Prospect av, S. E., Cleveland, Ohio.
- Cleveland Gas Meter Co., 2180 E 65th, Cleveland, Ohio.
- Cleveland Gear Works, Cleveland, Ohio.
- Cleveland & Godfrey, architects, 15 Beacon, Boston, Mass.
- Cleveland Hardware Co., hardware mfrs., Lakeside av & 48th, Cleveland, Ohio.
- Cleveland Hardwood Floor Co., Cleveland, Ohio.
- Cleveland Heater Co., 1905 W. 112th, Cleveland Ohio.
- Cleveland Iron Ore Paint Co., Cleveland, Ohio.
- Cleveland J. W., Hardware Co., 81 B'way, Paterson, N. J.
- Cleveland Knife & Forge Co., 1916 W. 114th, Cleveland, Ohio.
- Cleveland Laundry Machinery Mfg. Co., 5184 Fowler av S. E., Cleveland, O io.
- Cleveland Lawn Weeder Co., Cleveland, Ohio.
- Cleveland Leather Goods Co., traveling bags, 28 Noble ct, Cleveland, Ohio.
- Cleveland Lock Wks., shelf brackets, husking gloves, hinges, etc., Cleveland, Ohio.
- Cleveland, Lou B., contractor, Watertown, N. Y.
- Cleveland Lumber Co., sash, door & blind, 8617 Buckeye rd, Cleveland, Ohio.
- Cleveland Lumber & Mfg. Co., Cleveland, Tenn.
- Cleveland Machine & Mfg. Co., machsts. & fndrs., presses, etc., 4944 Hamilton av N. E., Cleveland, Ohio.
- Cleveland Mach. Screw Co., Cleveland, Ohio.
- Cleveland Machine Tool Works, Cleveland, Ohio.
- Cleveland Machinery & Supply Co., Cleveland, Tenn.
- Cleveland Mantel & Tile Co., laundry tubs, slate, 1426 E. 30th, Cleveland, Ohio.
- Cleveland Mfg. & Supply Co., boiler compounds, Wade Bldg., Cleveland, Ohio.
- ClevelandMaterial Co., masons' & bldrs.' mtls., Cleveland, Ohio.
- Cleveland Metal Pattern Co., patterns & models, 728 Frankfort av, Cleveland, Ohio.
- Cleveland Metal Products Co., cooking utensils, oil heaters, etc., Ivanhoe rd & N. Y. C. & St. L. R. R., Cleveland, Ohio.
- Cleveland Metal Roofing & Ceiling Co., cornices & skylights, 3105 Detroit av, Cleveland, Ohio.
- Cleveland Metal Stamping Co., Cleveland, Ohio.
- Cleveland Metal Treating & Welding Co., case hardening, 4829 Lexington av N. E., Cleveland, Ohio.
- Cleveland Metalcraft Co., Cleveland, Ohio.
- Cleveland Mill & Power Co., clothes lines, Lawndale, N. C.
- Cleveland Milling Co., flour, Cleveland, Tenn.
- Cleveland Milling Machine Co., 18511 Euclid av, Cleveland, O.
- Cleveland, Mortimer B., architect, Waterloo, Ia.
- Cleveland Motor Cycle Mfg. Co., 7209 Platt av, Cleveland, Ohio.
- Cleveland Motor Plow Co. (Euclid), Cleveland, Ohio.
- Cleveland National Machine Co., 1354 W. 70th, Cleveland, Ohio.
- Cleveland Natural Gas Supply Co., fireless cookers, 222 High, Cleveland, Ohio.
- Cleveland Nickel Wks., tumbling & cinder mills, etc., 1167 W. 67th, Cleveland, Ohio.
- Cleveland-Oconee Lumber Co., Oconee, Ga.
- Cleveland Paper Mfg. Co., Cleveland, Ohio.
- Cleveland Petroleum Ref. Co., Cleveland, Okla.
- Cleveland Planer Works, 3150 Superior av, Cleveland, Ohio.
- Cleveland Plating Co., electroplating, 3610 Superior, Cleveland, Ohio.
- Cleveland Plumbing Supply Co., 1017 Walnut, Cleveland, Ohio.
- Cleveland Pneumatic-Tool Co., 6410 Hawthorne, Cleveland, O.
- Cleveland Power Transmission Co., machinery dealers, Garfield Bldg., Cleveland, Ohio.
- Cleveland Pressed Steel Co., stamping works, Harvard av, Cleveland, Ohio.
- Cleveland Provision Co., 2527 Canal rd, Cleveland, Ohio.
- Cleveland Punch & Shear Works Co., 3921 St. Clair av N. E., Cleveland, Ohio.
- Cleveland Puncture Proof Tire Co., Columbus, Ohio.
- Cleveland Pure Food Co., canned, 3520 Princeton av, Chicago, Ill.
- Cleveland Railbond Co., 3727 E. 78th, Cleveland, Ohio.
- Cleveland Ry. Supply Co., clamps, creepers, fasteners, guard-rails, switches, etc., Citizens Bldg., Cleveland, Ohio.
- Cleveland Rock Drill Co., drills, Cleveland, Ohio.
- Cleveland Rule Co., 2190 W. 59th, Cleveland, Ohio.
- Cleveland Salt Co., 2295 Ashland rd S. E., Cleveland, Ohio.
- Cleveland Seating Co., school furniture, 554 Rose Bldg., Cleveland, Ohio.
- Cleveland Shaft Spring Co., coupling bolts, dies, etc., Cleveland, Ohio.
- Cleveland & Sons Co., contractors, Brockport, N. Y.
- Cleveland Specialties Mfg. Co., breast strap slides, Cleveland, O.
- Cleveland Specialty & Mfg. Co., machsts., Cleveland, Ohio.
- Cleveland Speed Indicator Co., W. 112th & Locust av N. W., Cleveland, Ohio.
- Cleveland Stamping & Tool Co., casseroles, E. 53d & Hamilton, Cleveland, Ohio.
- Cleveland Steam Gauge Co., portable forges, forge blowers, 418 Prospect N. W., Cleveland, Ohio.
- Cleveland Steel Barrel Co., steel shipping barrels, 9612 Meech av, Cleveland, Ohio.
- Cleveland Steel Casting Co., Cleveland, Ohio.
- Cleveland Steel Co., steel bridge plate, Rockefeller Bldg., Cleveland, Ohio.
- Cleveland Steel Range Co., machsts. & fndrs., 2900 Detroit av, Cleveland, Ohio.
- Cleveland Steel Stamp Works, Cleveland, Ohio.
- Cleveland Steel Tool Co., punches, etc., 660 E. 82d, Cleveland, O.
- Cleveland Stone Co., grindstone mfrs., Leader-News Bldg., Cleveland, Ohio.
- Cleveland Stone Co., producers, 316 4th av, Pittsburgh, Pa.
- Cleveland Store Fixture Co., refrigerators, Cleveland, Ohio.
- Cleveland Switchboard Co., Cleveland, Ohio.
- Cleveland Tack Works, nails, 1303 E. 49th, Cleveland, Ohio.
- Cleveland Tanning Co., bindings & gimps, Denison av & B. & O. R. R., Cleveland, Ohio.
- Cleveland Tool & Supply Co., platers' & polishers' supplies, 1427 W. 6th, Cleveland, Ohio.
- Cleveland Trinidad Paving Co., 420 Lakeside av N. E., Cleveland, Ohio.
- Cleveland Trolley Wheel Co., Cleveland, Ohio.
- Cleveland Trunk Co., 1250 Euclid av, Cleveland, Ohio.
- Cleveland Twist Drill Co., 1 E. 49th, Cleveland, Ohio.
- Cleveland Varnish Co., 3111 E. 87th, Cleveland, Ohio.
- Cleveland, W. L., Co., machinery, Los Angeles, Cal.
- Cleveland Waterproof Paper Co., Cleveland, Ohio.
- Cleveland Welding & Mfg. Co., machsts. & fndrs., W. 117th & Berea rd, Cleveland, Ohio.
- Cleveland Window Glass & Door Co., shades & reflectors, 209 Champlain av N. W., Cleveland, Ohio.
- Cleveland Wire Cloth & Mfg. Co., 3576 E. 78th, Cleveland, Ohio.
- Cleveland Wire Goods Co., Cleveland, Ohio.
- Cleveland Wire Spring Co., 1281 E. 38th, Cleveland, Ohio.
- Cleveland Woolen Mills Co., Dresden, Ohio.
- Cleveland Worm & Gear Co., 1667 E. 40th, Cleveland, Ohio.
- Cleveland Wrought Washer Co., bolts, burrs, 3590 W. 58th, Cleveland, Ohio.
- Clevenger, C. R., & Co., architects, Columbus, Ind.
- Clever & Gulick, machinists, Fullerton, Cal.
- Cleverly Electrical Works, boxes, clamps, rods, push buttons, etc., 17 N. 7th, Philadelphia, Pa.
- Clevidence, A. E., masons' & bldrs.' matls., Mount Morris, Ill.
- Click, Jos., contractor, 1203 Voskamp, Pittsburgh, Pa.
- Cliff & Guibert Co., fire hose reels, 460 W. B'way, New York.
- Cliff Paper Co., Niagara Falls, N. Y.
- Cliff, Thos., brick, Clio, Mich.
- Clifford Bros., charcoal, Ft. Wayne, Ind.
- Clifford, C., scrap iron & rubber, Baltimore, Md.
- Clifford, Frank E., architect, 117 James, Syracuse, N. Y.
- Clifford, G. D., masons' & bldrs.' matls., Eustis, Fla.
- Clifford, Geo. B., contractor, Martins Ferry, Ohio.
- Clifford Hardware Co., Evansville, Ind.
- Clifford, Jas. J. & Co., machsts., Green Island, N. Y.
- Clifford, L. L. & Co., elec. cooking app., Marion, Ind.
- Clifford Lbr. Co., Stevens Point, Wis.
- Clifford, P. T. & Son, contractors, Valparaiso, Ind.
- Clifford, S. & Co., contractors, 13 La Salle, Chicago, Ill.
- Clifford, Wm., Co., contrs., 734 Vernon av, Long Isl. City, N. Y.
- Clifford, Wm., & Sons Co., contractors, Elizabeth, N. J.
- Clifford's, Jas., Sons, stone prod., Lenox, Mass.
- Cliffs Chemical Co., Charcoal, Goodman, Wis.
- Cliffwood Brick Co., Cliffwood, N. J.
- Clifton Bros., contractors, Zanesville, Ohio.
- Clifton Chemical Co., 317 Greenwich, New York.
- Clifton Forge Machine & Foundry Co., Clifton Forge, Va.
- Clifton Forge Milling & Feed Co., Inc., flour mills, Clifton Forge, Va.



- Clifton Mfg. Co., cotton sheetings, Clifton, S. C.  
 Clifton Mfg. Co., rubber clothing, 65 Brookside av, J. P., Boston, Mass.  
 Clifton Mfg. Co., tents, Waco, Tex.  
 Clifton Motor Wks., gas engines, 229 E. Clifton av, Cincinnati, O.  
 Clifton Paper Mills, Clifton, N. J.  
 Clifton Springs Dist. Co., Ludlow av & B. & O. S. W. Cum., Cincinnati, Ohio.  
 Clifton Textile Co., umbrella cloth, Union Hill, N. J.  
 Climax Bearing Co., 1324 Majestic Bldg., Detroit, Mich.  
 Climax Brass & Mfg. Co., 1250 W. 15th, Chicago, Ill.  
 Climax Cleaner Mfg. Co., Cleveland, Ohio.  
 Climax Co., machsts., 275 Passaic, Newark, N. J.  
 Climax Lime & Stone Co., Wick, Pa.  
 Climax Lock & Ventilator Co., hdwe, mfrs., 656 Mich. av, Buffalo, N. Y.  
 Climax Lumber Co., Bunkie, La.  
 Climax Machy. Co., Indianapolis, Ind.  
 Climax Mfg. Co., machsts. & fndrs., Corry, Pa.  
 Climax Mfg. Co., machsts. & fndrs., East Hampton, Conn.  
 Climax Refining Co., compounds, oils, greases, etc., Williamson Bldg., Cleveland, Ohio.  
 Climax Sanitary Co., Plumbers' Wood Wk., Detroit, Mich.  
 Climax Smoke Preventer Co., smokeless furnaces, 261 Franklin, Boston, Mass.  
 Climax Western Oil Co., 2824 10th av, Minneapolis, Minn.  
 Clinch, C. G., & Co., lubricating oils & greases, 144 Davis, San Francisco, Cal.  
 Clinch Clip Co., 196 Seneca, Buffalo, N. Y.  
 Clinchfield Portland Cement Corp., Kingsport, Tenn.  
 Clinchfield Products Corp., chemicals, 120 B'way, New York.  
*See adv index at end of book.*  
 Cline, A. J., elec. hoists, 343 S. Dearborn, Chicago, Ill.  
 Cline, E. H., architect, Brockman Bldg., Los Angeles, Cal.  
 Cline, Edw. W., machinist, Marietta, Ohio.  
 Cline Electric Mfg. Co., controllers, electric motors & printing machy., Fisher Bldg., Chicago, Ill.  
 Cline, Hyman E., contractor, 43 Tremont, Boston, Mass.  
 Cline, L., Mfg. Co., towel bars, cans, holders, etc., 1239 S. Wabash av, Chicago, Ill.  
 Cline, Samuel S., flour mills, Bunkerhill, W. Va.  
 Cline, Tribolet Lbr. Co., Bluffton, Ind.  
 Clinedinst, Jno. W., carriages, New Market, Va.  
 Cling-Surface Co., saw vises, belt dressing, etc., Buffalo, N. Y.  
 Clinger's, D., Sons, lumber, Milton, Pa.  
 Clinkofstine, L. S., & Co., scrap iron, Saginaw, Mich.  
 Clinton Alfalfa Milling Co., meal, Clinton, Ohio.  
 Clinton Bridge Works, Clinton, Ia.  
 Clinton Canning Co., Rome, N. Y.  
 Clinton Concrete Co., Clinton, Mass.  
 Clinton Construction Co., 140 Townsend, San Francisco, Cal.  
 Clinton Cut Glass Co., Aldenville, Pa.  
 Clinton, E., & Co., brushes (fdr., mach. & facty., paint, varnish, etc.), 2119 Arch, Philadelphia, Pa.  
 Clinton Foundry Co., Clinton, Mass.  
 Clinton Furniture Co., Clinton, Ia.  
 Clinton Glass Co., 1000 W. 21st, Chicago, Ill.  
 Clinton Iron & Steel Co., blast furnaces, W. Carson, Pittsburgh, Pa.  
 Clinton Knitting Co., sweaters, cardigans, etc., Clinton, N. Y.  
 Clinton Lbr. Co., Clinton, N. C.  
 Clinton Mfg. Co., cotton sheetings, Woonsocket, R. I.  
 Clinton Mfg. Co., sashes, doors & blinds, Sabina, Ohio.  
 Clinton Metallic Paint Co., Clinton, N. Y.  
 Clinton Oil & Mfg. Co., meal & fertz. mfrs., Clinton, S. C.  
 Clinton Paper Co., Clinton, Ia.  
 Clinton Paving Brick Co., Clinton, Ia.  
 Clinton Point Stone Co., 17 Battery pl, New York.  
 Clinton & Russell, architects, 32 Nassau, New York.  
 Clinton Saddlery Co., Clinton, Ia.  
 Clinton Sugar Refining Co., Clinton, Ia.  
 Clinton, Walter R., engines, West Haven, Conn.  
 Clinton Wire Cloth Co., fences, screens, etc., Clinton, Mass.  
 Clio Oil & Fertz. Co., Clio, S. C.  
 Clip Bar Mfg. Co., concrete curb (steel bound), 26th & Penna., Philadelphia, Pa.  
 Clipless Paper Fastener Co., Newton, Ia.  
 Clipper Belt Lacer Co., belt laces, 1004 Front av, Grand Rapids, Mich. *See adv index at end of book.*  
 Clipper Fountain Supply Co., ice cream dishers, & ice shavers, Troy, N. Y.  
 Clipper Lawn Mower Co., Dixon, Ill.  
 Clipper Shingle Co., lumber, Clipper, Wash.  
 Clippert, Geo. H., & Bro., Brick Co., 161 Virginia Park, Detroit, Mich.  
 Clippert Spaulding & Co., common brick, Lansing, Mich.  
 Clippinger, A. B., & Son, agricultural impts., hay racks, sweep rakes, wood tanks, Kansas City, Mo.  
 Clizbe Bros. Mfg. Co., machsts. & fdrs., Plymouth, Ind.  
 Cloak & Suit Button Co., 153 W. 27th, New York.  
 Clochessy, John, paper bags, 84 Thomas, New York.  
 Clonin & Messenger, masons' & bldrs.' matls., ft. Camelia, Long Island City, N. Y.  
 Clooney Const. & Towing Co., ship bldrs., Westlake, La.  
 Clopp, Geo. B., bridge railings, 3717 Filbert, Philadelphia, Pa.  
 Cloquallum Shingle Co., lbr. mfrs., Elma, Wash.  
 Cloquet Lbr. Co., Cloquet, Minn.  
 Cloquet Tie & Post Co., Cloquet, Minn.  
 Clore, Jos. O., & Son, lumber, Henderson, Ky.  
 Clore, Wm. H., Mfg. Co., agricultural impts., Washington, Ind.  
 Clos Construction Co., 3d & Wells, Milwaukee, Wis.  
 Close, Wm. A., Trading & Mfg. Co., brick, Matawan, N. J.  
 Closser Bros., contractors, 777 Fort W., Detroit, Mich.  
 Clossman Hardware Co., Zanesville, O.  
 Closterman, H., chairs, 25 Atla. Bk. Bldg., Cincinnati, Ohio.  
 Closz & Howard Mfg. Co., agricultural impts., Webster City, Ia.  
 Clot & Crist Machine Co., 940 Bryant, San Francisco, Cal.  
 Clothel Co., ice & refrigerating machines, 61 B'way, New York.  
 Clothier & Furnisher, trade publication, 13 Astor pl, New York.  
 Cloud, Newton H., architect, 1802 Mt. Salem la, Wilmington, Del.  
 Clough & Co., mill supplies, Oshkosh, Wis.  
 Clough Concrete Const. Co., Quincy, Ill.  
 Clough, D. H., & Co., contractors, Duluth, Minn.  
 Clough-Hartley Co., lumber, Everett, Wash.  
 Clough, John H., clothes line pulleys, Corry, Pa.  
 Clough & Molloy, stone producers, Hartford rd & B. & O., Baltimore, Md.  
 Clough, R. M., chucks, cutters, drilling machs., etc., Tolland, Conn.  
 Clough, Rockwell Co., staples, cork screws, Alton, N. H.  
 Clough, Theo., gasoline burners, Dobbs Ferry, N. Y.  
 Clough & Warren Co., pianos, 35 University Bldg., Detroit, Mich.  
 Clough & Witt Machine Co., 1740 Columbus rd, Cleveland, Ohio.  
 Clous, D. A., architect, 331 Madison av, New York.  
 Clover, Chas. S., fndrs., Muskegon, Mich.  
 Clover Leaf Machine Co., hoisting machy., 1721 S. Franklin, South Bend, Ind.  
 Clover Leaf Mfg. Co., tex. machy. (bobbins), Carbondale, Pa.  
 Cloverport Boat & Mfg. Co., machsts., Cloverport, Ky.  
 Clow, Jas. B., & Sons, mill & facty. & plumbers' supplies—jobbers, Franklin & Harrison, Chicago, Ill.  
 Cloyd Bros. Co., sash, door & blind mfrs., Bristol, Tenn.  
 Cloyes, Frederick O., architect, 189 W. Madison, Chicago, Ill.  
 Clubbs, A. V., contractor, Pensacola, Fla.  
 Cluce, Robt. J., contractor, 3d av. & 148th, New York.  
 Cluley Multiplier Co., adding machines, Green Bay, Wis.  
 Clum Mfg. Co., auto. switches, Montgomery bldg., Milwaukee, Wis.  
 Clum, Wm. E., architect, 120 Broad, Elizabeth, N. J.  
 Clune, M., & Sons, mattresses, 1407 S. Meridian, Indianapolis, Ind.  
 Clute Bros., cotton batting, Cohoes, N. Y.  
 Clute Coal & Supply Co., masons' & bldrs.' matls., Bay City, Mich.  
 Clute, H. C., machsts., 380 Wayne, Jersey City, N. J.  
 Cluthe, G., Co., machsts., 28 E. Court, Cincinnati, Ohio.  
 Clyde Brick & Tile Works, Clyde, Ohio.  
 Clyde Cars Co., 42 Whitehall, New York.  
 Clyde Casting Co., machsts. & fndrs., Seattle, Wash.  
 Clyde Cutlery Co., Clyde, Ohio.  
 Clyde Glass Wks., bottles, Clyde, N. Y.  
 Clyde Iron Works, hoisting engines & logging machy., Duluth, Minn. *See adv index at end of book.*  
 Clyde Kraut Co., canned, Clyde, Ohio.  
 Clyde Milling & Elevator Co., Clyde, Kan.  
 Clyde River Pulp Co., West Derby, Vt.  
 Clydesdale Brick & Stone Co., Oliver Bldg., Pittsburgh, Pa.  
 Clydesdale Stone Co., crushed, Oliver Bldg., Pittsburgh, Pa.  
 Clymer Brick & Fire Clay Co., Clymer, Pa.  
 Clymer & Drischler, architects, Wainwright Bldg., St. Louis, Mo.  
 Clymer, L. M., mill & facty. supplies, Greensboro, N. C.  
 Clyne, R. G., Machine Works, mechanical engineer, Columbia Bldg., St. Louis, Mo. *See adv index at end of book.*  
 C. M. B. Wrench Co., bench legs, Garfield, N. J.  
 C. & M. Envelope Co., 535 Pearl, New York.  
 Coady, Edward, architect, 123 W. 13th, Oklahoma City, Okla.  
 Coal Age, trade publication, 10th av & 36th, New York.  
 Coal & Coke Operator, trade publication, 108 Smithfield, Pittsburgh, Pa.  
 Coal Tar Product Co., 570 Smith, Brooklyn, N. Y.  
 Coal Trade Bulletin, pubs., Park Bldg., Pittsburgh, Pa.  
 Coal Trade Journal, 20 Vesey, New York.  
 Coale Muffler & Safety Valve Co., valve mfrs., Baltimore, Md.  
 Coale, Thos. E., Lumber Co., lumber (wholesale), 1418 Walnut, Philadelphia, Pa. *See adv index at end of book.*  
 Coan, M. A., contractor, 185 Church, New Haven, Conn.  
 Coast Cul. & Flume Co., Portland, Ore.  
 Coast Fish Co., canned, Anacortes, Wash.  
 Coast Fishing Co., canners, Los Angeles, Cal.  
 Coast Fdry. Co., South, San Francisco, Cal.  
 Coast Iron & Machine Wks., machsts. & fndrs., Tacoma, Wash.  
 Coast Knitting Co., sweaters, Woodbine, N. J.  
 Coast Metal Wks., tin cans, 180 Townsend, San Francisco, Cal.  
 Coastwise Dredging Co., Norfolk, Va.  
 Coastwise Ship Bldg. Co., ship builders, Baltimore, Md.  
 Coates, Bennett & Reidenbach, metals, Hague, Rochester, N. Y.  
 Coates Clipper Mfg. Co., drilling & sheep shearing machy., etc., Worcester, Mass.  
 Coates, F. C., flour mills, Horners, Va.  
 Coates Plumbing Supply Co., Tampa, Fla.  
 Coates & Traver, architects, Rowell Bldg., Fresno, Cal.  
 Coatesville Boiler Works, boiler & tank mfrs., Coatesville, Pa.  
 Coatesville Fdry. & Mach. Co., Coatesville, Pa.



- Coats & Burchard Co., appraisers, engineers, inventories, 29 S. La Salle, Chicago, Ill.
- Coats-Fordney Logging Co., lumber, Aberdeen, Wash.
- Coats, Fred R., watchmakers' tools, Springfield, Ill.
- Coats, J. & P., cotton thread, Pawtucket, R. I.
- Coats, J. R., machinist, Visalia, Cal.
- Coats Mach. Tool Co., 30 Church, New York.
- Coats Mfg. Co., lumber mfrs., Wellsville, N. Y.
- Coats Shingle Co., lumber, Hoquiam, Wash.
- Cobb, Albert W., architect, 42 Harrison av, Springfield, Mass.
- Cobb Brick Co., Ft. Worth, Tex.
- Cobb & Drew, rivet, staple & tack mfrs., Plymouth, Mass.
- Cobb, Francis, Co., ship bldrs., Rockland, Me.
- Cobb, Henry Ives, architect, 527 5th av, New York.
- Cobb & Jenkins, patterns, 380 Atlantic av, Boston, Mass.
- Cobb, John P., masons' & bldrs.' matls., Fredonia, N. Y.
- Cobb, M. E., architect, 166 Montague, Brooklyn, N. Y.
- Cobb Preserving Co., Fairport, N. Y.
- Cobb & Webster, contractors, Portland, Me.
- Cobb, Wm., fndrs., Jackson, Mich.
- Cobb, Wm. H., architect, 2156 Sunnyside av, Chicago, Ill.
- Cobbleick-Kibbe Glass Co., Oakland, Cal.
- Cobbs & Mitchell, lumber, Cadillac, Mich.
- Coblentz Tool & Supply Co., Erie, Pa.
- Coburn, C. B., Co., mill & facty. supplies, Lowell, Mass.
- Coburn, Frank G., contractor, 294 Washington, Boston, Mass.
- Coburn, Ira W., contractor, 180 Jessie, San Francisco, Cal.
- Coburn Trolley Track Mfg. Co., sliding door hardware, metal covered doors, rolling ladders & overhead monorail mfrs., P. O. Box 731, Holyoke, Mass.
- Coburn, Walter, & Co., cotton waste, Lowell, Mass.
- Cochise Machine Co., Los Angeles, Cal.
- Cochran, A., & Co., sashes, doors & blinds, Quaker City, Ohio.
- Cochran, A. M., contractor, Monmouth, Ill.
- Cochran Cotton Mill Co., Cochran, Ga.
- Cochran, Dragan & Co., potteries, Trenton, N. J.
- Cochran, Jas., contractor, Greensburg, Pa.
- Cochran Oil Mill & Ginnery, Cochran, Ga.
- Cochran & Phillips, turpentine, McIntyre, Fla.
- Cochran Pipe Wrench Mfg. Co., 7544 S. Chicago av, Chicago, Ill.
- Cochran-Sargent Co., plumbers' supplies, 182, E. 6th, St. Paul, Minn.
- Cochran, T. H., & Son, contractors, 415 S. Hayes, Portland, Ore.
- Cochrane-Bly Co., cutting-off machines, Rochester, N. Y.
- Cochrane Chemical Co., 40 Central, Boston, Mass.
- Cochrane Chemical Co., insulating materials, 221 Randolph av, Jersey City, N. J.
- Cochrane, Geo. A., Co., contractors, 1210 Washington av, Pittsburgh, Pa.
- Cochrane, J. A., Brass Mfg. Co., hardware, 1403 E. 40th.
- Cochrane, John A., brass & bronze castings, 2182 E. 79th, Cleveland, Ohio.
- Cochrane Packing Co., meat packers, Kansas City, Kan.
- Cochrane, T. H., Co., masons' & bldrs.' matls., Westfield, Wis.
- Cocker, J. C., architect, 2017 5th av, New York.
- Cocker, M., & Co., tex. machy. supplies (brushes mill), 10th & Spring Garden, Philadelphia, Pa.
- Cocker Saw Mfg. Co., Lockport, N. Y.
- Coco Bros., bk. & office railings, 13 Baxter, New York.
- Cocoza, Louis H., contr., 231 Newfield blvd, Bridgeport, Conn.
- Codd, E. J., Co., sheet metal work, 700 S. Caroline, Balto., Md.
- Codd, Eliza, architect, Nantucket, Mass.
- Codd Tank & Specialty Co., mill & facty. supplies, Balto., Md.
- Coddling & Heilborn Co., silver novelties, North Attleboro, Mass.
- Coddington Engineering Co., 33d & Villard av, North Wilwaukee, Wis.
- Codman & Despradelle, architects, 31 Beacon, Boston, Mass.
- Codman, F. L. & J. C., Co., buffing wheels, 15 Elkins St., Boston, Mass.
- Codman, Ogden, architect, 340 Madison av, New York.
- Codman & Shurtleff, surgical instruments, air pumps, 120 Boylston, Boston, Mass.
- Codori, John A., contractor, 1235 Arch, Philadelphia, Pa.
- Coduri & Marzoli, granite, Westerly, R. I.
- Cody, C. L., cornices, Ridgway, Pa.
- Cody, C. Paxton, architect, Marine Bk. Bldg., Erie, Pa.
- Cody, J. W., Shor'g. & Contr. Co., 200 W. 91st, New York.
- Cody, Jos., & Sons, tubular boilers; expansion tanks, Peoria, Ill.
- Codyer & Cavanaugh, cornices, Waltham, Mass.
- Coe Brass Branch, bolt, nut & rivet mfrs., Torrington, Conn.
- Coe & Brown, mill & facty. supplies, New Haven, Conn.
- Coe, C. T., Co., turbo blowers, 10 Johnson, Newark, N. J.
- Coe, E. F., landscape architect, 103 Alden av, New Haven, Conn.
- Coe, Jas. A., & Co., mill & facty. supplies, 106 Mulberry, Newark, N. J.
- Coe Mfg. Co., key rings, straw dispensers, etc., 35 Warren, New York.
- Coe Mfg. Co., machsts. & fndrs., Painesville, Ohio.
- Coe-Mortimer Co., fertilizer mfrs., 51 Chambers, New York.
- Coe-Stapley Mfg. Co., machsts., Bridgeport, Conn.
- Coe, W. H., Mfg. Co., gold leaf, gilding wheels, 74 Weybosset, Providence, R. I.
- Coeffield Mfg. Co., electric & gas light fixtures, 51 Shipley, San Francisco, Cal.
- Coen & Conway, contractors, Davenport, Ia.
- Coes, Loring & Co. (Inc.), mfrs. machine knives of all classes & special forged material for making cutting edges, Coes sq, Worcester, Mass. *See adv index at end of book.*
- Coes Wrench Co., makers of adjustable wrenches, Coes sq, Worcester, Mass. *See adv index at end of book.*
- Coeur D'Alene Grain & Milling Co., Coeur D'Alene, Idaho.
- Coeur D'Alene Hardware & Foundry Co., Wallace, Idaho.
- Coeur D'Alene L'br. Co., Coeur D'Alene, Idaho.
- Coe Motor Co., 2010 S. Wabash av, Chicago, Ill.
- Coffey, D. L., contractor, Chattanooga, Tenn.
- Coffeyville Fdry. & Mach. Co., Coffeyville, Kansas.
- Coffeyville Implement & Mfg. Co., machsts. & fndrs., Coffeyville, Kansas.
- Coffeyville Shale Products Co., Coffeyville, Kansas.
- Coffeyville Vitrified Brick & Tile Co., Coffeyville, Kansas.
- Coffield Motor Washer Co., clothes washing machines, Dayton, O.
- Coffin, Arthur S., architect, 64 W. Randolph, Chicago, Ill.
- Coffin Box & Lumber Co., Nicollet Island, Minneapolis, Minn.
- Coffin, Isaac, Co., high pressure piping, 52 Sudbury, Boston, Mass.
- Coffin, M. C., landscape architect, 73 E. 92d, New York.
- Coffin Packing & Prov. Co., Denver, Colo.
- Coffin, Stanley H., cloth mops, 12 Pearl, Boston, Mass.
- Coffin Valve Co., Neponset, Boston, Mass.
- Coffran Mfg. Co., masons' & bldrs.' matls., Washington C. H., Ohio.
- Coggins Marble Co., Canton, Ga.
- Coggins & Owens, machy. dhrs. & mill & factory supplies, 19 S. Charles, Baltimore, Md.
- Coghlan, Jos. T., hair (curled), Drexel Bldg., Philadelphia, Pa.
- Coghlan & Saunders, architects, Electric Bldg., Cleveland Ohio.
- Coghlin Machinery & Supply Co., Toledo, Ohio.
- Cogswell, Chas. N., architect, Old South Bldg., Boston, Mass.
- Cogswell-Koether Co., contractors, 406 Park av, Baltimore, Md.
- Cogswell Polytechnic College, engng. schools & coll., 26th & Folsom, San Francisco, Cal.
- Cobankas Mfg. Co., cordage & twine, Paducah, Ky.
- Cohasset Canning Co., Cohasset, Va.
- Cohen Bros. Iron & Metal Co., Des Moines, Ia.
- Cohen, Chas. J., envelopes, 510 Ludlow, Philadelphia, Pa.
- Cohen, D., scrap rubber, iron, 104 W. Main, Danville, Ill.
- Cohen, E. M., & Sons Iron & Metal Co., Des Moines, Ia.
- Cohen, Frank L., contractor, 49 Niagara, Buffalo, N. Y.
- Cohen, Hy., cornices, 1340 Fulton, Brooklyn, N. Y.
- Cohen, Isaac H., scrap iron & steel, 111 Pratt, Buffalo, N. Y.
- Cohen, J., & Son, scrap iron & steel, Peoria, Ill.
- Cohen, Jos. M., scrap iron, Sandusky, Ohio.
- Cohen, Louis, mattresses, 232 E. 125th, New York.
- Cohen, M., & Son Co., scrap iron & steel, 1252 E. 55th, Cleveland, Ohio.
- Cohen, Michael, & Co., stone, 8 W. 40th, New York.
- Cohen, Samuel, architect, 32 Union sq, New York.
- Cohen, Simon, architect, 2205 5th av, New York, & 163 Springfield av, Newark, N. J.
- Cohen, Walter S., architect, May Bldg., Pittsburgh, Pa.
- Cohlgraff, Henry J., contr'tor, 133 W. Washington, Chicago, Ill.
- Cohn, Adolph, lamp cord adjusters, West Hoboken, N. J.
- Cohn & Bock Co., box shooks, insulator pins, wood cross arms, etc., Princess Ann, Md.
- Cohn Bros., architects, 363 Stone av., Brooklyn, N. Y.
- Cohn Cut Stone Co., 38th & 14th av., Brooklyn, N. Y.
- Cohn & Goldberg, masons' & bldrs.' matls., Nashville, Tenn.
- Cohn, Wm., plumbers' supplies, jobbers, Stamford, Conn.
- Cohocksink Brass Foundry, castings (brass & bronze), 5th & Berks, Philadelphia, Pa.
- Cohocton Canning Co., Cohocton, N. Y.
- Cohoes Iron Fdry. & Mach. Co., dumb waiters, freight elevators, etc., Cohoes, N. Y.
- Cohoes Rolling Mill Co., pipe & tube mill, Cohoes, N. Y.
- Cohoon, U. G., contractor, Parsons, Kans.
- Cohutta Talc Co., Dalton, Ga.
- Coier, J. N., flour mills, Waynesboro, Va.
- Coier Milling Co., flour, Lynwood, Va.
- Cokato Canning Co., Cokato, Minn.
- Colbert County Oil & Fertilizer Co., Tusculumbia, Ala.
- Colborne Mfg. Co., machsts., 157 W. Division, Chicago, Ill.
- Colburn, A. R., & Co., lbr. mfrs., Michigan City, Ind.
- Colburn Automobile Co., Denver, Colo.
- Colburn Bros. Co., flour, McPherson, Kans.
- Colburn Mach. Tool Co., machsts., Franklin, Pa.
- Colburn, Wilford, lumber mfrs., Middle Grove, N. Y.
- Colby Cheese Box & Silo Co., Colby, Wis.
- Colby, E. B., & Co., stoves & furnaces, Hoboken av, Jersey City N. J.
- Colby, F. E., architect, Davidson Bldg., Sioux City, Ia.
- Colby, Frank A., architect, 15 E. 40th, New York.
- Colby, Frank A., & Son, contractors, Brunswick, Me.
- Colby, Herbert W., architect, 46 Cornhill, Boston, & Haverhill, Mass.
- Colby-Hinkley Co., veneer, Benton Harbor, Mich.
- Colby Mill Co., lumber, Colby, Wash.
- Colby Milling Co., flour, Dowagiac, Mich.
- Colby, N. H., cast-iron culverts, Granville, Ill.
- Colby Univ. Engng. School & Coll., Waterville, Me.
- Colclessor Bros., axe mfrs., El Dorado, Pa.
- Colclough, C. A., machsts., Hollis Center, Me.
- Colcord, Albert E., architect, 117 N. Dearborn, Chicago, Ill.



- Colcord Lumber Co., Atlanta, Ga.  
 Colcord-Wright Machy. & Supply Co., 1229 N. B'way, St. Louis, Mo.  
 Cold-Jess Mfg. Co., nut mfrs., Cleveland, Ohio.  
 Cold Springs Construction Co., 528 Ellicott sq., Buffalo, N. Y.  
 Cold Storage Refrigerator Co., Eau Claire, Wis.  
 Coldwater Ladder Co., Coldwater, Mich.  
 Coldwell Gildard Co., tex. machy., notions (warp stop), 95 Milk, Boston, Mass.  
 Coldwell Lawn Mower Co., Newburgh, N. Y.  
 Coldwell-Wilcox Co., machsts & fndrs., Newburgh, N. Y.  
 Cole, Arthur W., architect, 5413 Greenwood av, Chicago, Ill.  
 Cole Bros., machsts., Patton, Pa.  
 Cole Bros. Lightning Rod Co., 316 S. 7th, St. Louis, Mo.  
 Cole, Chester, architect, Chico, Cal.  
 Cole & Cole, granite, Quincy, Mass.  
 Cole, Geo., contractor, Stoneham, Mass.  
 Cole Glass Co., Lancaster, Ohio.  
 Cole, H. C. and W. S., tacks, Kingston, Mass.  
 Cole, H., Co., architects' instruments, 68 E. Gay, Columbus, O.  
 Cole-Halstead Light and Sales Co., Los Angeles, Cal.  
 Cole, J. N., masons' & bldrs.' matls., Danville, Pa.  
 Cole, Jas., Co., organs, Melrose, Mass.  
 Cole, L. S., landscape architect, Lytton Bldg., Chicago, Ill.  
 Cole Mfg. Co., agricultural implements, Charlotte, N. C.  
 Cole Mfg. Co., radiators, stove mfrs., etc., 3218 S. Western av, Chicago, Ill.  
 Cole Mfg. Co., sash, doors & blinds, Memphis, Tenn.  
 Cole Motor Car Co., 730 E. Washington, Indianapolis, Ind.  
 Cole, R. D., Mfg. Co., agricultural implements, Newnan, Ga.  
 Cole, Robert, architect, Bellefonte, Pa.  
 Cole, S. B., contractor, Battle Creek, Mich.  
 Cole, S. B., cornices & skylights, Quincy, Mich.  
 Cole, S. M., Co., masons' & bldrs.' matls., Oberlin, Ohio.  
 Cole, S., & Son, machsts. & fndrs., Lebanon, N. H.  
 Cole, W. H., & Sons, whol. hdwe., 40 S. Charles, Baltimore, Md.  
 Cole, W. T., tubular boilers, Ishpeming, Mich.  
 Cole, W. V., contractor, Tampa, Fla.  
 Cole, Wm. A., Paper Co., Putney, Vt.  
 Cole, Wm., & Sons, granite, Barre, Vt.  
 Colebrook, W. & Sons, roofing & cements, 1419 Orange, Syracuse, N. Y.  
 Colebrookdale Iron Co., machsts. & fndrs., Pottstown, Pa.  
 Coleman, Adelbert E., architect & ornamental bronze & iron, 37th & Stewart, Chicago, Ill.  
 Coleman, Allan J., augers, 166 N. Michigan av, Chicago, Ill.  
 Coleman Bros., contractors & crushed stone, Chelsea, Mass.  
 Coleman, Chas. H., brick, Athens, Tex.  
 Coleman, David C., architect, Merchants' National Bk. Bldg., San Francisco, Cal.  
 Coleman Feed Roller Co., saw mill mchy., Vredenburgh, Ala.  
 Coleman, Galen, machsts. & fndrs., Middletown, N. Y.  
 Coleman Gas Wks. Mfg. Co., gas machines, 829 Sycamore, Cincinnati, Ohio.  
 Cloeman Guano Co., Coleman, Ga.  
 Coleman, H. B., masons' & bldrs., Chippewa Falls, Wis.  
 Coleman Hardware Co., 122 S. Michigan av, Chicago, Ill.  
 Coleman, Harter & McCormick, lbr., Williamsport, Pa.  
 Coleman, J. C., auto windshields, 137 N. Grand blvd, Detroit, Mich.  
 Coleman, J. C., & Sons Co., contractors & crushed stone, 1620 Tremont, Rox., Boston, Mass.  
 Coleman, John, lumber, Williamsport, Pa.  
 Coleman, Jno. N., architect, 7100 S. Chicago av, Chicago, Ill.  
 Coleman Lamp Co., Wichita, Kans.  
 Coleman Lbr. Co. (Ltd.), Shreveport, La.  
 Coleman & Smith, flour mills, Weldon, Ky.  
 Coleman, W. C., Co., machy. dealers, 161 Summer, Boston, Mass.  
 Coleman, W. H., Co., lumber & cooperage stock, Jackson, Tenn.  
 Coleman, Walter, & Sons, boat anchors, yacht blocks, 168 Fountain, Providence, R. I.  
 Coles, C. B., & Sons Co., lbr., sashes, doors, etc., Camden, N. J.  
 Coles Mfg. Co., machsts., 1615 N. 23d, Philadelphia, Pa.  
 Coles Tool & Mach. Co., Oneida, N. Y.  
 Coley, Samuel B., architect, 569 5th av, New York.  
 Coleyite Const. Co., contrs., 2223 Scott av, St. Louis, Mo.  
 Colfax Brick Co., common, Colfax, W. Va.  
 Colfax Hardwood Lumber Co., Colfax, La.  
 Colfax Mfg. Co., carriages, South Bend, Ind.  
 Colfax Pressed Brick Co., Denver, Colo.  
 Colfax Stone Co., Chippewa Falls, Wis.  
 Colgan, J. W., Co., harness ornaments, Sudbury Bldg., Boston, Mass.  
 Colgan Machy. Supply Co., concrete bldg. & brich machy., Columbus, Ohio.  
 Colgan Mfg. & Supply Co., packing mfrs., lubricating oils, 118 Maiden la, New York.  
 Colgan, Wm. H., Co., switch boxes, clamps, etc., West Newton, Mass.  
 Colgate Art Glass Co., 8 Gansevoort, New York.  
 Colgate & Co., soap mfrs., 105 Hudson, Jersey City, N. J.  
 Colladay, Jos. O., Co., machsts., 626 Race, Philadelphia, Pa.  
 Collamore, L., contractor, Little Rock, Ark.  
 Collapsible Form Hanger Co., 107 W. 25th, New York.  
 Collard, Alfred, knitted gloves, 256 E. Ashmead, Gtn., Phila., Pa.  
 College Hill Press Brick Co., 1400 College av, St. Louis, Mo.  
 College Mill Co., flour, Franklin, Ky.  
 College Point Boat Corp., ship bldrs., 30 Church, New York.  
 Collett, Wm. C., architect, 50 Broomfield, Boston, Mass.  
 Colley, C. D., Co., architects, Century Bldg., Pittsburgh, Pa.  
 Colley, Chas. E., architect, South Orange, N. J.  
 Colley, Chas. J., architect, Pacific Bldg., San Francisco, Cal.  
 Colley, Clarence K., architect, L. & C. Bldg., Nashville, Tenn.  
 Colley, J. H., architect, L. & C. Bldg., Nashville, Tenn.  
 Collier-Barnett Co., sashes, doors & blinds, Toledo, Ohio.  
 Collier, Eusebius, lbr., 494 Broad, Newark, N. J.  
 Collier, H. C., & Sons, varnish mfrs., Binghamton, N. Y.  
 Collier, Horace O., lumber, Oxford, Fla.  
 Collier-Keyworth Co., children's carriages, Gardner, Mass.  
 Collier Motor Truck Co., Painesville, Ohio.  
 Collier, Thos. L., sashes, doors & blinds, Gibsonburg, Ohio.  
 Colliers-Adams Mfg. Co., lumber, St. Joseph, Mo.  
 Collignon, G. W., architect, Chronicle Bldg., Houston, Tex.  
 Collin County Mill & Elevator Co., flour, McKinney, Tex.  
 Collings Carriage Co., Camden, N. J.  
 Collingwood Brick Co., Toledo, Ohio.  
 Collins, A., Lumber Co., Charlotte, N. C.  
 Collins & Aikman Co., car plush, 4675 Nixon, Philadelphia, Pa.  
 Collins, Bartlett, carriages, Avon, Mass.  
 Collins Bros., brooms, Lawrence, Mass.  
 Collins Bros., contractors, 82 State, Albany, N. Y.  
 Collins Bros., contrs., Rock Island, Ill.  
 Collins Bros., machsts., Pawtucket, R. I.  
 Collins Bros. Lumber Co., Sullivan, Wis.  
 Collins, Chas. D., contractor, 719 18th, N. W., Washington, D. C.  
 Collins, Chas., & Sons, contractors, Troy, N. Y.  
 Collins, Clarence H., elec. & gas light fixtures, Cleveland, Ohio.  
 Collins Colliery Co., coke, Macdonald, W. Va.  
 Collins Co., agricultural implements, Collinsville, Conn.  
 Collins, D. C. Newman, architect, 29 Broadway, New York.  
 Collins, Darrah, & Co., lumber, Nebraska, Pa.  
 Collins, E. F., & Sons, cotton waste, Springfield, Mass.  
 Collins, Edw. R., architect, Westfield, N. J.  
 Collins, Esslen Lbr. Co., Madison, Wis.  
 Collins, Frank, brick, Princess Anne, Md.  
 Collins, G. A., & Sons, bodies—automobile, Akron, Ohio.  
 Collins, G. H., architect, 1803 Campbell, Houston, Tex.  
 Collins, G. J. S., contractor, Omaha Nat. Bk. Bldg., Omaha, Neb.  
 Collins Garage Mach. Wks., Opelika, Ala.  
 Collins, Geo., architect & contr., 1st & Berry, Hackensack, N. J.  
 Collins, Geo. H., contractor, Houston, Tex.  
 Collins, Geo. M., brick, Grisfield, Md.  
 Collins-Gordon Co., contractors, Ferguson Bldg., Pittsburgh, Pa.  
 Collins, H. F., Co., boxes, St. Paul, Minn.  
 Collins, H. L., mach. & fdr., Gainesville, Tex.  
 Collins, H. L., Co., labels, shipping cases, boxes, etc., Hampden & Wabash, St. Paul, Minn.  
 Collins, Hilton, Co., lap links, neck yokes, etc., Louisville, Ky.  
 Collins, Horace B., architect, 49 Pearl, Hartford, Conn.  
 Collins Iron Wks., machsts. & fndrs., Phelps, N. Y.  
 Collins, J. Frank, architect, Spartanburg, S. C.  
 Collins, J. H., Boiler Co., Amsterdam, N. Y.  
 Collins, J. S., & Son, fertilizer mfrs., Moorestown, N. J.  
 Collins, Jacob P., Co., lumber, South Seaville, N. J.  
 Collins, John, & Co., canned goods, American Corners, Md.  
 Collins, John D., contractor, Morristown, N. J.  
 Collins, John W., contractor, 86 Atkinson, Boston, Mass.  
 Collins Mfg. Co., paper & pulp mills, writing paper, N. Wilbraham, Mass.  
 Collins Mfg. Co. (Ltd.), oil filters, regulators, etc., 612 Chestnut, Philadelphia, Pa.  
 Collins Metallic Packing Co., 56 N. 2d, Philadelphia, Pa.  
 Collins, Michael J., duck coats, 24 Thayer, Boston, Mass.  
 Collins & Moore, plumbers' supplies, Paris, Tex.  
 Collins, O. C., & Co., architects, Frankfort, Ind.  
 Collins, Phelps, contr., masons' & bldrs.' matls., Alpena, Mich.  
 Collins, Plass, Thayer Co., burlap, 26 Beaver, New York.  
 Collins Plow Co., machsts. & fndrs., Dockery, Miss.  
 Collins Plow Co., Quincy, Ill.  
 Collins, R., contractor, Alpena, Mich.  
 Collins, R. L., & Sons, flour mills, Crittenden, Ky.  
 Collins, R. N., Vehicle Woodwork Co., auto. metal bodies, 3900 Chouteau av, St. Louis, Mo.  
 Collins, T. C. & Son, flour, Windom, Minn.  
 Collins, T. J., Furniture Co., Toledo, Ohio.  
 Collins, T. J., & Son, architects, Staunton, Va.  
 Collins, T. P., contractor, Kankakee, Ill.  
 Collins, Thos. & Sons, granite, Quincy, Mass.  
 Collins, Truman D., lumber, Nebraska, Pa.  
 Collins, Val P., architect, Paul Jones Bldg., Louisville, Ky.  
 Collins, Walter L., architect, Milford, Mass.  
 Collins, Walter M., contractor, 15 W. 39th, New York.  
 Collins & Webb, machy. dlrs., Los Angeles, Cal.  
 Collins, Wm. P., & Co., mill & facty. supplies, 701 S. Dearborn, Chicago, Ill.  
 Collins, Wm. P., Co., tubular boilers, Creek, Long Isl. City, N. Y.  
 Collinson, Joshua, machst., East Orange, N. J.  
 Collinsville Zinc Co., Collinsville, Ind.  
 Collinwood Lumber Co., Collinwood, Ohio.  
 Collis Co., machsts. & fndrs., Clinton, Ia.  
 Collman & Duncan, contractors, 2661 B'way, San Fran., Cal.  
 Collmer Bros., machsts., South Bend, Ind.  
 Collum Mfg. Co., confectioners' machy., Hartford, Conn.



- Collyer Insulated Wire Co., rubber goods, Pawtucket, R. I.  
 Col-Mac Co., flexible metallic hose, tubing, etc., 250 South, Newark, N. J.  
 Colman, C. L., Lumber Co., La Crosse, Wis.  
 Colman, J. M., Co., creosoting wks., Seattle, Wash.  
 Colmesnil, Geo. de., architect, Lick Bldg., San Francisco, Cal.  
 Colnik, C., Mfg. Co., machsts., 750 Greenbush, Milwaukee, Wis.  
 Colombat, Henry & Co., fringes, 239 Geary, San Francisco, Cal.  
 Colon, Geo., & Co., contractors, 81 E. 125th, New York.  
 Colonial Bangor Slate Co., blackboards & mantels, Bangor, Me.  
 Colonial Bedding Co., mattresses, Fredericksburg, Va.  
 Colonial Board Co., Manchester, Conn.  
 Colonial Brass Co., fndrs., New Haven, Conn.  
 Colonial Building Co., Spokane, Wash.  
 Colonial Can Co., 120 Milk, Boston, Mass.  
 Colonial Carriage Co., Circleville, Ohio.  
 Colonial Chandelier Wks., 122 Centre, New York.  
 Colonial Coal & Coke Co., Oliver Bldg., Pittsburgh, Pa.  
 Colonial Co., china, East Liverpool, Ohio.  
 Colonial Creosoting Co., Louisville, Ky.  
 Colonial Elec. Wks. of G. E. Co., Warren, Ohio.  
 Colonial File Co., Neponset, Boston, Mass.  
 Colonial Fireplace Co., fire place furnishings, mfrs., 4611 12th, Chicago, Ill.  
 Colonial Foundry & Machine Co., castings, Columbia, Pa.  
 Colonial Handle Co., Knoxville, Tenn.  
 Colonial Iron Co., 2149 B'way, New York.  
 Colonial Knitting Mills, gloves & mittens, 1011 Chestnut, Philadelphia, Pa.  
 Colonial Knitting Mills, sweaters, cardigans, etc., 291 Essex, Brooklyn, N. Y.  
 Colonial Lubrg. Oil Co., 15 Storer, Boston, Mass.  
 Colonial Mfg. Co., acetylene gas burners, Chattanooga, Tenn.  
 Colonial Mfg. Co., elec. fix. mfrs., Alleghany & A, Phila., Pa.  
 Colonial Mfg. Co., English hall clocks, Zeeland, Mich.  
 Colonial Office Appliance Co., 98 Park pl. New York.  
 Colonial Pressed Brick Co., Mogadore, Ohio.  
 Colonial Red Cedar Chest Co., Lincoln, Neb.  
 Colonial Salt Co., Akron, Ohio.  
 Colonial Sign & Insulator Co., Akron, Ohio.  
 Colonial Soap Co., 1701 N. Ashland av, Chicago, Ill.  
 Colonial Stained Glass Wks., 161 High, Boston, Mass.  
 Colonial Steel Co., iron rolling mills, 324 4th av, Pittsburgh, Pa.  
 Colonial Sugars Co., 129 Front, New York.  
 Colonial Supply Co., mine, mill & facty. supplies, 414 1st av, Pittsburgh, Pa.  
 Colonial Towel Mfg. Co., Clifton Heights, Pa.  
 Colonial Wks., paint mfrs., 233 Norman av, Brooklyn, N. Y.  
 Colonna Marine Railway Corp., dry docks, Norfolk, Va.  
 Colony, L. J. (Est. of), furniture—rattan & reed, Keene, N. H.  
 Colora Canning Co., Aberdeen, Md.  
 Colo. Bedding Co., Pueblo, Colo.  
 Colo. Brass Fdry. Co., Denver, Colo.  
 Colo. College Dept. of Engng., Colorado Springs, Colo.  
 Colo. Concrete Mixer Co., Denver, Colo.  
 Colo. Condensed Milk Co., canned, Fort Lupton, Colo.  
 Colo. Fuel & Iron Co., Denver, Colo.  
 Colo. Gray Iron Fdry. Co., Denver, Colo.  
 Colo. Iron & Metal Co., Denver, Colo.  
 Colo. Iron Works Co., Denver, Colo.  
 Colo. Lime & Fluxing Co., 321 McPhee, Denver, Colo.  
 Colo. Packing & Provision Co., Denver, Colo.  
 Colo. Portland Cement Co., Denver, Colo.  
 Colo. State Agricultural Coll., Fort Collins, Colo.  
 Colo. State Univ., engng. schools & coll., Boulder, Colo.  
 Colo. Tent & Awning Co., Denver, Colo.  
 Colo. Wrecking & Building Co., 1st & Walnut, Denver, Colo.  
 Colo. Yule Marble Co., Marble, Colo.  
 Colo. Yule Marble Co., 334 5th av, New York.  
 Colpitts, S. B., carriages, Alliston, Boston, Mass.  
 Colquhoun, D., & Son, meat packers, Central Falls, R. I.  
 Colquitt Lumber Co., Moultrie, Ga.  
 Colson, F. A., Pattern Wks., Buffalo, N. Y.  
 Colson-Hudson, architects, Dun Bldg., Buffalo, N. Y.  
 Colt & Dickson Packing & Mfg. Co., canned goods, Frederick, Md.  
 Colt, J. D., Co., gas machs.; auto, lamps, etc., 30 E. 42d, New York.  
 Colt, Robert, architect, 85 Water, Boston, Mass.  
 Colt, Samuel S., architect, Orange, N. J.  
 Colter, A. W., Canning Co., Mt. Washington, Ohio.  
 Colter, Henry, lbr., Bobo, Ind.  
 Colton, Arthur Co., machsts., Jefferson & Chene, Detroit, Mich.  
 Colton Bros. Co., flour mills, Bellefontaine, Ohio.  
 Colton, G. D., & Co., cleaners, machsts. & fndrs., presses, etc., Galesburg, Ill.  
 Colton, Geo. S., Elastic Web. Co., Easthampton, Mass.  
 Colton Mfg. Co., saddlery hdwe. mfrs. & machsts., Montpelier, Vt.  
 Colton, Reuben, landscape architect, 31 Mass. av, Boston, Mass.  
 Colt's Patent Firearms Mfg. Co., rifles, guns, etc., Hartford, Conn.  
 Columb Tyres Import Co., tires, 52 Vanderbilt av, New York.  
 Columbia Arch'l Iron Wks., 1619 Clybourne av, Chicago, Ill.  
 Columbia Art Glass Co., 1956 N. Halsted, Chicago, Ill.  
 Columbia Axle Co., 826 E. 72d, Cleveland, Ohio.  
 Columbia Ball Caster Co., 160 N. 5th av, Chicago, Ill.  
 Columbia Bangor Slate Co., rfg. slate mfrs., Bangor, Pa.  
 Columbia Boiler Works, tanks & stacks, Columbia, Pa.  
 Columbia Box Co., 19th & N Market, St. Louis, Mo.  
 Columbia Box & Lumber Co., South Bend, Wash.  
 Columbia Brass Co., cocks, Detroit, Mich.  
 Columbia Brick Wks., Portland, Ore.  
 Columbia Button Wks., 229 W. 28th, New York.  
 Columbia Can Co., Madison, 1st & 2d, St. Louis, Mo.  
 Columbia Canning Co., Columbia, Tenn.  
 Columbia Carriage & Auto. Wks., Portland, Ore.  
 Columbia Casting Co., brass fndrs., Ferdinand & Wabash R. R., Detroit, Mich.  
 Columbia Chemical Co., Pittsburgh, Pa.  
 Columbia Chemical Wks., aqua ammonia, Bush Terminal, Brooklyn, N. Y.  
 Columbia Conserve Co., canned goods, Indianapolis, Ind.  
 Columbia Contract Co., E. Water & Main, Portland, Ore.  
 Columbia Cornice Co., Cambridge, Mass.  
 Columbia Cotton Mill Co., bags & bagging, Columbia, Tenn.  
 Columbia Cotton Oil Co., Magnolia, Ark.  
 Columbia Counter Co., 349 Congress, Boston, Mass.  
 Columbia County Cotton Oil Co., meal, Harlem, Ga.  
 Columbia Creosoting Co., Portland, Ore.  
 Columbia Digger Co., 180 Burnside, Portland, Ore.  
 Columbia Distilling Co., Albany, N. Y.  
 Columbia Engine Co., machsts., 1275 Jefferson av, Detroit, Mich.  
 Columbia Engng. Wks., ship bldrs., Portland, Ore.  
 Columbia Envelope Co., 349 W. Austin av, Chicago, Ill.  
 Columbia Feather Co., hair & cotton felt mattresses, 413 W. Huron, Chicago, Ill.  
 Columbia Fertilizer Co., Columbia, Ala.  
 Columbia Fire Brick Co., Canton, Ohio.  
 Columbia Fire Extinguisher Co., 174 Centre, New York.  
 Columbia Gas & Elec. Fix. Co., 182 Grand, New York.  
 Columbia Gas Engine Co., Portland, Ore.  
 Columbia Gas Stove Co., Huntington, W. Va.  
 Columbia Granite Co., Milford, N. H.  
 Columbia Granite Co., Westerly, R. I.  
 Columbia Granite & Dredging Co., crushed stone & sand, Washington, D. C.  
 Columbia Granite Wks., Quincy, Mass.  
 Columbia Graphophone Co., 233 B'way, New York.  
 Columbia Guano Co., fertilizer mfrs., Norfolk, Va.  
 Columbia Hardwood Lumber Co., 2082 Dominick, Chicago, Ill.  
 Columbia Heater Co., Paterson, N. J.  
 Columbia Inc. Lamp Wks. of G. E. Co., Equitable Bldg., St. Louis, Mo.  
 Columbia Iron & Wire Works Co., Canton, Ohio.  
 Columbia Iron Wks., 721 Reading rd, Cincinnati, Ohio.  
 Columbia Iron Works, 246 N. 5th, Philadelphia, Pa.  
 Columbia Knitting & Mfg. Co., sweaters, gloves, etc., 236 B'way, Milwaukee, Wis.  
 Columbia Knitting Mills, sweaters, etc., 462 B'way, New York.  
 Columbia Lubricants Co., 126 Massachusetts av, Boston, Mass.  
 Columbia Lubricants Co., 1549 S. Michigan, Chicago, Ill.  
 Columbia Lubricants Co. of N. Y., 116 Broad, New York.  
 Columbia Lbr. & Mfg. Co., Columbia, S. C.  
 Columbia Machine Co., Zanesville, Ohio.  
 Columbia Machine & Stopper Corp., 414 W. 38th, New York.  
 Columbia Machine Works, 215 Spear, San Francisco, Cal.  
 Columbia Machine Works & Malleable Iron Co., Atlantic av & Chestnut, Brooklyn, N. Y.  
 Columbia Mantel Co., Louisville, Ky.  
 Columbia Mfg. Co., broom handles, New Philadelphia, Ohio.  
 Columbia Mfg. Co., cotton sheeting, Ramseur, N. C.  
 Columbia Mfg. Co., garment hangers, Easthampton, Mass.  
 Columbia Mfg. Co., laundry machy., Columbia, Pa.  
 Columbia Marble Co., 17th & Missouri, San Francisco, Cal.  
 Columbia Metal Box Co., 226 E. 144th, New York.  
 Columbia Metal Stamping Co., dies, stamping, 1536 E. 49th, Cleveland, Ohio.  
 Columbia Mill & Elevator Co., flour, Columbia, Tenn.  
 Columbia Mills, machsts., 225 5th av, New York.  
 Columbia Mills, woolen blankets, Lewiston, Me.  
 Columbia Mineral Wool Co., 58 W. Washington, Chicago, Ill.  
 Columbia Motor Truck & Trailer Co., Pontiac, Mich.  
 Columbia Narrow Fabric Co., cotton & elastic webbing, Shannock, R. I.  
 Columbia Naval Stores Co., Savannah, Ga.  
 Columbia Novelty Mfg. Co., 1431 N. 8th, St. Louis, Mo.  
 Columbia Nut & Bolt Co., Bridgeport, Conn.  
 Columbia Oil Co. of New York, 15 William, New York.  
 Columbia Paper Bag Co., 921 E. Fort av, Baltimore, Md.  
 Columbia Paper Bag Co., paper bag mfrs., 179 3d, Long Island City, N. Y.  
 Columbia Paper Co., Bristol, Va.  
 Columbia Planter Co., agricultural implements, planters, Springfield, Ohio.  
 Columbia Plate Glass Co., Blairsville, Pa.  
 Columbia Plow Wks., Copake Falls, N. Y.  
 Columbia Products Co., whiting & paris white mfrs., Garfield Bldg., Cleveland, Ohio.  
 Columbia Pump & Well Co., machy. dlrs., 522 12th, N. W., Washington, D. C.  
 Columbia Quarry Co., Fullerton av, St. Louis, Mo.  
 Columbia Record Stove Co., 624 S. 2d, Philadelphia, Pa.



- Columbia Refining Co., oils, paints, varnishes, etc., 90 West, New York.
- Columbia Ribbon & Carbon Mfg. Co., 60 Wooster, New York.
- Columbia River Canning & Produce Co., St. Helena, Ore.
- Columbia River Door Co., lbr., Rainier, Ore.
- Columbia River Packers' Assn., Astoria, Ore.
- Columbia River Shipbuilding Corp., Portland, Ore.
- Columbia Rubber Co., 301 Congress, Boston, Mass.
- Columbia Sanitary Mfg. Co., lavatories & fittings, Louisville, Ky.
- Columbia School Supply Co., Indianapolis, Ind.
- Columbia Shade Cloth Co., shade cloth mfrs., 225 5th av, New York.
- Columbia Smelting & Refining Wks., 366 West, New York.
- Columbia Specialty Co., boxes, cans, etc., 1508 E. Fayette, Baltimore, Md.
- Columbia Stained Glass Works, 25 S. 2d, Philadelphia, Pa.
- Columbia Star Milling Co., flour, Columbia, Ill.
- Columbia Steel Co., Elyria, Ohio.
- Columbia Steel Co., iron rolling mills, 503 Market, San Francisco, Cal.
- Columbia Steel & Shafting Co., rolling mills, Kirkwood, Pittsburgh, Pa.
- Columbia Stone Co., Soc. for Sav. Bldg., Cleveland, Ohio.
- Columbia Supply Co., mill & facty. supplies, Columbia, S. C.
- Columbia Tool Steel Co., 552 W. Lake, Chicago Heights, Ill.
- Columbia Typewriter Mfg. Co., 62 Reade, New York.
- Columbia Univ. Engng. School & Coll., W. 116th nr. Amsterdam av, New York.
- Columbia Wagon Co., Columbia, Pa.
- Columbia Wax Wks., 751 E. 137th, New York.
- Columbia Western Mills, machsts. & fndrs., Wheeler & Ring, Saginaw, Mich.
- Columbia Western Mills, shade cloth mfrs., Peoria & W. 121st, Chicago, Ill.
- Columbia Wire & Iron Wks., 1933 W. Lake, Chicago, Ill.
- Columbia X-Ray & Elec. Corp., 131 E. 23d, New York.
- Columbian Brass Foundry, Freeport, N. Y.
- Columbian Canning Co., canned goods, Lubec, Me.
- Columbian Carbon Co., black, Weston, W. Va.
- Columbian Construction Co., Muskegon, Mich.
- Columbian Cutlery Co., Reading, Pa.
- Columbian Enameling & Stamping Co., Terre Haute, Ind.
- Columbian Granite Co., Montpelier, Vt.
- Columbian Hdwe. Co., vises, anvils, drop forgings, etc., Cleveland, Ohio.
- Columbian Insecticide Co., 552 Columbus av, New York.
- Columbian Iron Wks., flap valves, machsts. & fndrs., Chattanooga, Tenn.
- Columbian Iron Works, Turning, District of Columbia.
- Columbian Mail Crane Co., Columbus, Ohio.
- Columbian Mfg. Co., awning stripes, denims, tickings, Greenville, N. H.
- Columbian Paper Co., Buena Vista, Va.
- Columbian Rope Co., 3050 Genesee, Auburn, N. Y.
- See adv index at end of book.*
- Columbian Steel Tank Co., auto. metal bodies, gasoline pumps, 1601 W. 12th, Kansas City, Mo.
- Columbiana Boiler Co., Columbiana, Ohio.
- Columbiana Fdry. Co., Columbiana, Ohio.
- Columbiana Mfg. Co., handles, Columbiana, Ohio.
- Columbiana Pump Co., Columbiana, Ohio.
- Columbus Anvil & Forging Co., Columbus, Ohio.
- Columbus Aseptic Furniture Co., 148 N. 3rd, Columbus, Ohio.
- Columbus Auto. Brass Co., Columbus, Ohio.
- Columbus Belting & Supply Co., 77 E. Long, Columbus, Ohio.
- Columbus Bolt Works Co., Randolph, Columbus, Ohio.
- Columbus Brass Co., 838 Dublin av, Columbus, Ohio.
- See adv index at end of book.*
- Columbus Brick Co., Columbus, Miss.
- Columbus Brick & Terra Cotta Co., Columbus, Ohio.
- Columbus Builders' Supply Co., 409 Dennison av, Columbus, O.
- Columbus Canning Co., Columbus, Wis.
- Columbus Casket Mfg. Co., Columbus, Ga.
- Columbus Chain Co., mfrs. chains of every description, Columbus, Ohio. *See adv index at end of book.*
- Columbus Chemical Co., green soap, 31 W. Lake, Chicago, Ill.
- Columbus Clay Mfg. Co., Blacklick, Ohio.
- Columbus Coal & Lime Co., masons' & bldrs. matls., 307 S. High, Columbus, Ohio.
- Columbus Coffin Co., Columbus, Ohio.
- Columbus Contractors' Supply Co., masons' & bldrs. matls., Columbus av & Tr. Bldg., Columbus, Ohio.
- Columbus Die, Tool & Mach. Co., armature discs, Cleveland av, Columbus, Ohio.
- Columbus Electrical Wks. Co., 199 N. Front, Columbus, Ohio.
- Columbus Engng. & Equipment Co., machy. dtrs., Columbus, O.
- Columbus Fibre Box Co., N. W. cor. Hickory & Wall, Columbus, Ohio.
- Columbus Forge & Iron Co., automobile forgings, etc., Columbus, Ohio. *See adv index at end of book.*
- Columbus Glass Co., Lancaster, Ohio.
- Columbus Grove Brick & Tile Co., Columbus Grove, Ohio.
- Columbus Handle & Tool Co., Columbus, Ind.
- Columbus Hardware & Furniture Co., Columbus, Miss.
- Columbus Htg. & Ventg. Co., machsts., Columbus, Ohio.
- Columbus Incandescent Mantle Co., Columbus, Ohio.
- Columbus Iron & Steel Co., buckeye pig iron, So. Columbus, Columbus, Ohio.
- Columbus Iron Wks. Co., Columbus, Ga.
- Columbus Lift Truck Co., Columbus, Ohio.
- Columbus Macadam Co., crushed stone, contractors & masons' & bldrs. matls., 319 Dublin av, Columbus, Ohio.
- Columbus Mach. & Fdry. Co., cottonseed oil machy., Columbus, O.
- Columbus Mach. & Tool Co., Columbus, Ohio.
- Columbus Mailing Bag Co., 2782 N. High, Columbus, Ohio.
- Columbus Malleable Iron Co., Columbus, Ohio.
- Columbus Mfg. Co., cotton sheeting, Columbus, Ga.
- Columbus Mfg. Co., webbing—cotton, Columbus, Miss.
- Columbus Mill & Mine Supply Co., 75 N. Front, Columbus, O.
- Columbus Oil Cloth Co., 1280 N. Grant av, Columbus, Ohio.
- Columbus Packing Co., meat packers, Columbus, Ohio.
- Columbus Paint Mfg. Co., 278 Kimball, Columbus, Ohio.
- Columbus Phaeton Co., carriages, Burlington, N. J.
- Columbus Piano Co., Columbus, Ohio.
- Columbus Plate & Window Glass Co., 69 E. Long, Columbus, O.
- Columbus Plow Co., Columbus, Ohio.
- Columbus Pump Co., hydraulic rams, Columbiana, Ohio.
- Columbus Scale & Repair Co., machsts., 142 W. Long, Columbus, Ohio.
- Columbus Show Case Co., 423 N. Grant av, Columbus, Ohio.
- Columbus Slate Co., New Hayden Bldg., Columbus, Ohio.
- Columbus Steam Boiler & Htr. Co., Columbus, Ohio.
- Columbus Steam Pump Wks., Columbus, Ohio.
- Columbus Structural Steel Co. (The), structural steel & ornamental iron work, Columbus, Ohio.
- Columbus Sucker Rod Co., Columbus, Ohio.
- Columbus Supply Co., mill & facty. & plumbers' supplies—jobbers, 37 W. Spring, Columbus, Ohio.
- Columbus Tent & Awning Co., Columbus, Ohio.
- Columbus Truck & Supply Mfg. Co., Columbus, Ga.
- Columbus Varnish Co., Columbus, Ohio.
- Columbus Wire & Iron Works Co., 540 Poplar, Columbus, Ohio.
- Colusa Milling Co., flour, Colusa, Cal.
- Colusa Sandstone Co., Potrero av & Division, San Francisco, Cal.
- Colvin Chase Fence Co., South Charleston, Ohio.
- Colvin Fndry. Co., 185 Globe, Providence, R. I.
- Colvin, J. B., machsts. & fndrs., Worcester, Mass.
- Colvin-Robb Lumber Co., Bibawik, Minn.
- Colvin, S. S., Stave Co., cooperage stock, Pemberville, Ohio.
- Colwell Cooperage Co., 412 G'wich, New York.
- Colwell, E. F., landscape architect, 6523 Euclid av, Cleveland, O.
- Colwell Granite Co., producers, Farmers' Bank Bldg., Pitts., Pa.
- Colwell Lead Co., 437 E. 162d, New York.
- Colwell, Philip, contractor, 21 Gilbert, New Haven, Conn.
- Colyer, Jos. H., & Son, masons' & bldrs. matls., 531 Nostrand av, Brooklyn, N. Y.
- Colyer, Kit, contractor, Midland Bldg., Kansas City, Mo.
- Comas Machine Co., machsts. & fndrs., Salem, Va.
- Comb. David, & Son, contractors, Lumber Exch., Minneapolis, Minn.
- Combahee Fertz. Co., Charleston, S. C.
- Combes, G. D., masons' & bldrs. matls., Rockville Center, N. Y.
- Combination Door Co., windows & storm doors, Fond Du Lac, Wis.
- Combination Engine Co., 3148 Penn av, Pittsburgh, Pa.
- Combination Engine & Compressor Co., Bradford, Pa.
- Combination Fountain Co., Decatur, Ill.
- Combination Ladder Co., lawn settees, clothes bars, etc., 366 Fountain, Providence, R. I.
- Combination Rubber Mfg. Co., beltings, hose, etc., Bloomfield, N. J.
- Combined Locks Paper Co., Combined Locks, Wis.
- Combined Supply & Equipment Co., fndry. facings, chaplets & supplies, 766 Grant, Buffalo, N. Y.
- Combs, A. G., fertilizer, Locust Grove, Ga.
- Combs Granite Co., Lithonia, Ga.
- Combustion Appliance Co., gas analysis apparatus, 1778 Estes, Chicago, Ill.
- Combustion Engng. Corp., 11 B'way, New York.
- Combustion Utilities Corp., fire controllers, 60 Wall, New York.
- Combusto Devices Corp., fuel economizers, 250 W. 54th, N. York.
- Comeau, John F., architect, Elmhurst, N. Y.
- Comeaux Lumber Co., Broussard, La.
- Comee Metallic Packing Co., Stevens Point, Wis.
- Comer & Beals, flour mills, Gamaliel, Ky.
- Comer, E. T., & Co., fertilizer mfrs., Millhaven, Ga.
- Comer Mercantile Co., fertilizer, Comer, Ga.
- Comer Oil Mill, Comer, Ga.
- Comerer, W. M., lumber, Burnt Cabins, Pa.
- Comerma Co., contractors, 11 E. 42d, New York.
- Comes & Imbs, architects, Columbia Bldg., St. Louis, Mo.
- Comes, John T., architect, Renshaw Bldg., Pittsburgh, Pa.
- Comey & Frost, ldscape architects, Abbott Bldg., Boston, Mass.
- Comey, R. H., Co., shades, porch, Camden, N. J.
- Comfort, Ralph M., architect, 160 5th av, New York.
- Comly, Frank T., stone producers, Edgehill, Pa.
- Commander Mill Co., flour, 922 Flour Ex., Minneapolis, Minn.
- Commander, T. A., & Son, lbr., Elizabeth City, N. C.
- Commery, W. T., & Son, contractor, Crocker Bldg., San Francisco, Cal.
- Commerce Brick & Lumber Co., Commerce, Ga.
- Commerce Fertilizer Co., Commerce, Ga.
- Commerce Motor Car Co., Penobscot Bldg., Detroit, Mich.



- Commercial Acet. Co., car lighting app., 80 B'way, New York.  
 Commercial Acetylene Welding Co., calcium carbide, Monadnock Bldg., San Francisco, Cal.  
 Commercial Acid Co., 394 Duncan av., St. Louis, Mo.  
 Commercial Auto Body & Mfg. Co., 5345 St. Clair, Cleveland, O.  
 Commercial Battery Co., 718 W. Jackson blvd., Chicago, Ill.  
 Commercial Blue Print Co., 17 Quincy, Chicago, Ill.  
 Commercial Boiler Works, tubular, Seattle, Wash.  
 Commercial Box & Envelope Co., Chester, Pa.  
 Commercial Camera Co., Rochester, N. Y.  
 Commercial Car Unit Co., 16th & Glenwood, Philadelphia, Pa.  
 Commercial Cars, Ltd., 40 Convent av., New York.  
 Commercial Cedar Co., lumber mfrs., Seattle, Wash.  
 Commercial Chemical Co., belt dressing, 212 Essex, Boston, Mass.  
 Commercial Chemical Co., hydrofluoric acid, alums & ammonia, Chicago, Ill.  
 Commercial Construction Co., Reliance Bldg., Kansas City, Mo.  
 Commercial Constr. Co., 8 Bridge, New York.  
 Commercial Corundum & Emery Wheel Co., 922 W. Ohio, Chicago, Ill.  
 Commercial Dist. Co., 220 B'way, New York.  
 Commercial Distilling Co., Terre Haute, Ind.  
 Commercial Electric Co., Ltd., 728 Poydras, New Orleans, La.  
 Commercial Elec'l Supply Co., arc lamp insulators, 15th & Pine, St. Louis, Mo.  
 Commercial Enclosed Fuse Co., Hoboken, N. J.  
 Commercial Engine Co., Los Angeles, Cal.  
 Commercial Envelope & Box Co., Binghamton, N. Y.  
 Commercial Fdry. Co., 97 Meldrum, Detroit, Mich.  
 Commercial Furniture Co., desk mfrs., 2718 W. Superior, Chicago, Ill.  
 Commercial Iron Wks., 171 Globe, Providence, R. I.  
 Commercial Iron Wks. Co., fndrs., Penn Yan, N. Y.  
 Commercial Journal, 628 Chestnut, Philadelphia, Pa.  
 Commercial Lubricating Co., cor. Meadow & Jackson, Phila., Pa.  
 Commercial Lbr. Co., Shreveport, La.  
 Commercial Mach. Co., Dunkirk, N. Y.  
 Commercial Mach. Co., Worcester, Mass.  
 Commercial Milling Co., farina, wheat flour, Woodbridge & Randolph, Detroit, Mich.  
 Commercial Oil Co., 17 Main, Buffalo, N. Y.  
 Commercial Oxygen Co., Fountain & Washington, Baltimore, Md.  
 Commercial Paste Co., Hoster & High, Columbus, Ohio.  
 Commercial-Research Co., platinum & tungsten products, Jackson av. & Hopewell, Long Island City, N. Y.  
 Commercial Sash & Door Co., 4914 S. Paulina, Chicago, Ill.  
 Commercial Sash & Door Co., Liberty & 33rd, Pittsburgh, Pa.  
 Commercial Sash & Door Co., Seattle, Wash.  
 Commercial Shingle Co., lumber, Bellingham, Wash.  
 Commercial Soap Co., Reno, Nev.  
 Commercial Stone Co., Joliet, Ill.  
 Commercial Switchboard Mfg. Co., Denver, Colo.  
 Commercial Truck Co. of Am., 27th & Brown, Philadelphia, Pa.  
 Commercial Truckmobile Co., Chicago, Ill.  
 Commercial Utilities Mfg. Co., time stamps, 521 W. 26th, New York.  
 Commercial Vehicle, trade publication, 239 W. 39th, New York.  
 Common Sense Novelty Co., elec. illuminating signs, Sheffield av. & Montana, Chicago, Ill.  
 Common Sense Tire Removers Co., Dowagiac, Mich.  
 Common Sense Truss Co., elastic hosiery, 306 W. Madison, Chicago, Ill.  
 Commonwealth Color & Chemical Co., Nevins, Brooklyn, N. Y.  
 Commonwealth Cotton Oil Co., meal, Cushing, Okla.  
 Commonwealth Glue Co., Drexel Bldg., Philadelphia, Pa.  
 Commonwealth Motors Co., 326 W. Madison av., Chicago, Ill.  
 Commonwealth Quarry Co., crushed stone, Summit, N. J.  
 Commonwealth Roofing Co., Grove c. 19th, Jersey City, N. J.  
 Commonwealth Steel Co., machsts. & fndrs., Pierce Bldg., St. Louis, Mo.  
 Commonwealth Supply Co., gear mfrs., Richmond, Va.  
 Commonwealth Tractor Co., traction, gasoline engines, Kansas City, Mo.  
 Communipaw Steel Co., steel structural work, 95 Liberty, New York.  
 Commutator Co., armatures, machinists, 121 N. 1st, Minneapolis, Minn.  
 Comolli & Co., granite, Barre, Vt.  
 Compagnie Morana, oils, 118 E. 27th, New York.  
 Complete Mfg. Co., clothes washing machines, Kenosha, Wis.  
 Compo-Board Co., Minneapolis, Minn.  
 Compound Door Co., St. Joseph, Mich.  
 Compound Injector & Specialty Co., plumbing specialties, 419 No. Laramie av., Chicago, Ill.  
 Compound Spec. Co., L. I. City, N. Y.  
 Compressed Air & General Machinery Co., 39 Stevenson, San Francisco, Cal.  
 Compressed Air Power Co., 110 Jessie, San Francisco, Cal.  
 Compressed Steel Shifting Co., 393 Dorchester av., Boston, Mass.  
 Compressed Wood Preserving Co., Winton pl., Cincinnati, Ohio.  
 Comptograph Co., adding machines, 1717 N. Paulina, Chicago, Ill.  
 Compton, A. A., contractor, Springfield, Mo.  
 Compton, C. C., architect, Donora, Pa.  
 Compton, Demetrius, lumber, Elk Lick, Pa.  
 Compton, Ezra, brick, School, Ill.  
 Compton-Price Piano Co., Coshocton, Ohio.  
 Compton, W. H., Shear Co., Camden, Newark, N. J.  
 Compton, W. R., Realty & Bldg. Co., Elmira, N. Y.  
 Computer Mfg. Co., scales, 268 Market, San Francisco, Cal.  
 Computing Appliances Co., machsts. & fndrs., Dayton, Ohio.  
 Computing Cheese Cutter Co., Anderson, Ind.  
 Computing Cloth Measuring Mach. Co., Athens, Ga.  
 Computing Scale Co., 448 Huffman, Dayton, Ohio.  
 Comstock, A. S., machst. & fndr., Evanston, Ill.  
 Comstock, C. H., Co., common brick, Ashkum, Ill.  
 Comstock-Castle Stove Co., Quincy, Ill.  
 Comstock, Corry B., architect, 110 W. 40th, New York.  
 Comstock, Edw., Co., Rome, N. Y.  
 Comstock, Geo. S., & Son, air compressors, hydraulic rams, Mechanicsburg, Ohio.  
 Comstock, L. H., lbr. mfrs., Louisville, Ky.  
 Comstock, L. K., & Co., contractors, 80 Church, New York.  
 Comstock & Van Dreser, architects, Gloversville, N. Y.  
 Conable, Geo. W., architect, 46 W. 24th, New York.  
 Conan, C. A., contractor, 1345 Arch, Philadelphia, Pa.  
 Conanicut Mills, cotton sheetings, Fall River, Mass.  
 Conant Bros. Co., medicine cabinets, Somerville, Mass.  
 Conant, Chas. P., building contractor, Lowell, Mass.  
 Conant Co., elastic webbing, Littleton, Mass.  
 Conant & Donelson Co., machsts. & fndrs., Conway, Mass.  
 Conant, Ella F., flour, Conant, Idaho.  
 Conant, F. R., Co., packing box mfrs., Auburn, Me.  
 Conant, R. O., Co., canning machy., Portland, Me.  
 Conard, D. R., architect, Hartman Bldg., Columbus, Ohio.  
 Conay Glove Co., 115 E. 23d, New York.  
 Concanon, Wm. N., Co., contractors, Underwood Bldg., San Francisco, Ill.  
 Concealed Door Check Mfg. Co., 331 S. Clinton, Chicago, Ill.  
 Concord Axle Co., machsts. & fndrs., Penacook, N. H.  
 Concord Fdry. & Mach. Co., Concord, N. H.  
 Concord Fdry. & Mach. Wks. Co., Concord, N. C.  
 Concord Granite Co., Concord, N. H.  
 Concord Lime Wks., Concord, Tenn.  
 Concord Mfg. Co., steam htrs., Dayton, Ohio.  
 Concord Pipe Co., Concord, N. H.  
 Concord Wheel Co., Concord, N. H.  
 Concord Woodworking Co., Concord, N. H.  
 Concordia Milling Co., flour, Concordia, Kan.  
 Concordia Oil Mills Co., cottonseed meal, Vidalia, La.  
 Concordia Safety Lamp Co., Fulton Bldg., Pittsburgh, Pa.  
 Concourse Blue Print Co., blue prints, 52 Vanderbilt av., New York.  
 Concrete-Cement Age Publishing Co., 310 Telegraph Bldg., Detroit, Mich.  
 Concrete Construction Co., Sharp Bldg., Kansas City, Mo.  
 Concrete Constr. Co., 1618 Thompson, Philadelphia, Pa.  
 Concrete Const. Co., Empire Bldg., Pittsburgh, Pa.  
 Concrete Engineering Co., Omaha, Neb.  
 Concrete Form & Engine Co., Detroit, Mich.  
 Concrete Foundation Co., Sharp Bldg., Kansas City, Mo.  
 Concrete Steel Bridge Co., Clarksburg, W. Va.  
 Concrete Steel Co., 42 B'way, New York.  
 Concrete & Steel Const. Co., Joplin, Mo.  
 Concrete Steel Engng. Co., 13 Park Row, New York.  
 Concrete Stone & Sand Co., Poland av., Youngstown, Ohio.  
 Concrete Waterproof Paint Co., 827 N. 3rd, Philadelphia, Pa.  
 Conde, W. W., Hardware Co., wholesale, Watertown, N. Y.  
 Condensite Co. of Am., baking enamels, insulating varnishes, Bloomfield, N. J.  
 Conder & Culbertson, contractors, Odd Fellows Bldg., Indianapolis, Ind.  
 Condie-Bray Glass Co., B'way & Benton, St. Louis, Mo.  
 Condit Electrical Mfg. Co., elect'l protective devices, cut-outs, oil break switches, transformers, etc., 1st & L, Boston, Mass.  
 Condon, Geo. C., contractor, Wesley Roberts Bldg., Los Angeles, Cal.  
 Condon, Geo. W., contractor, W. O. W. Bldg., Omaha, Neb.  
 Condon, James, common brick, Mazon, Ill.  
 Condon, P. H., & Co., contractors, Bristol, Conn.  
 Condon, Wm. F., contractor, 218 Putman, Cambridge, Mass.  
 Condrad Bros., 682 Commerce, Milwaukee, Wis.  
 Condrad, J. B., bldg. contr., Orchard & Layton blvd., Milwaukee, Wis.  
 Condarjian, L. K., architect, 1942 Kern, Fresno, Cal.  
 Condrin, Mrs. Wm. Marine, machinist, Oil City, Pa.  
 Condrin Co., arch'l consulting engrs., Monadnock Bldg., Chicago, Ill.  
 Condrin, J. B., masons' & bldrs.' matls., Hollidaysburg, Pa.  
 Conductor Fitting Co., rain water cut-offs, Marietta, Ohio.  
 Cone, Fred H., bristles, chemicals, horse hair, 176 Front, New York.  
 Cone, Harry A., architect, Schofield Bldg., Cleveland, Ohio.  
 Cone, J. H. & W. E., whol. hdwe., 87 Asylum, Hartford, Conn.  
 Cone, Jos. D., lumber, wagon spokes, North Vernon, Ind.  
 Cone, R. D., Co., whol. hrwe., mill & facty. supplies, Winona, Minn.  
 Conejos Co-operative Roller Mills & Mfg. Co., Ontonito, Colo.  
 Conen, Stephen, cornices, 4305 Lincoln av., Chicago, Ill.  
 Cones, Frank, contractor, 408 Lombard, Indianapolis, Ind.  
 Cones & Menefee, lumber mfrs., 450 W. Broad, Columbus, Ohio.  
 Conestoga Glue Wks., Lancaster, Pa.



- Conestoga Steam Cotton Mills, Lancaster, Pa.  
 Conewango Refining Co., oil & petroleum, Warren, Pa.  
 Conewago Trap Rock Co., Williamsport, Pa.  
 Coney & Parker Co., masons' & bldrs.' matls., Brunswick, Ga.  
 Coneys, Jno. L., architect, 1513 Walnut, Philadelphia, Pa.  
 Confectioners' & Bakers' Supply Co., machsts., 11 E. Illinois, Chicago, Ill.  
 Confectioner's Gazette, trade publication, 366 B'way, New York.  
 Confer, Smith & Co., founders, Hamburg, Pa.  
 Congarie Fertilizer Co., Columbia, S. C.  
 Congdon & Carpenter Co., whol. hdwe., 155 Canal, Providence, R. I.  
 Congdon, D. C., cornices & skylights, Fort Scott, Kan.  
 Congdon, Henry M., & Son, architects, 18 B'way, New York.  
 Conger & Whyte, brick, Goldfield, Ia.  
 Congleton, J., brooms, New Philadelphia, Ohio.  
 Congress Varnish Wks., 99 Pine, New York.  
 Conheim, Herman, bristles, 70 Pine, New York.  
 Conine, W. M., common brick, Camp Hill, Ala.  
 Conkey, G. E., Co., insecticides, 3039 Woodland av, S. E., Cleveland, Ohio.  
 Conkle, John, Jr., lumber, Clark, Ohio.  
 Conklin Bros., dock bldrs., contractors, 2080 Richmond ter., Port Richmond, N. Y.  
 Conklin, Claude C., architect, Patchogue, N. Y.  
 Conklin & Cummins, masons' & bldrs.' matls., Goshen, N. Y.  
 Conklin, H. J., masons' & bldrs.' matls., 1027 Gilbert av, Cincinnati, Ohio.  
 Conklin, H. King., architect, 665 Broad, Newark, N. J.  
 Conklin, H. R., bag filters, Joplin, Mo.  
 Conklin, Henry B., contractor, Belle Plaine, Ia.  
 Conklin Pen Mfg. Co., Toledo, Ohio.  
 Conklin, Reuling Co., contractors, masons' & bldrs.' matls. & sash, door & blinds, Pekin, Ill.  
 Conklin, S. P., mill & facty. supplies, 68 Jefferson av, Detroit, Mich.  
 Conklin & Sons Co., masons' & bldrs.' matls., Madison, Wis.  
 Conklin & Strong, masons' & bldrs.' matls., Warwick, N. Y.  
 Conklin, T. E., & Co., brass & copper metals, 61 Duane, New York.  
 Conklin Tin Plate & Metal Co., Atlanta, Ga.  
 Conkling-Armstrong Terra Cotta Co., terra cotta architectural, Wissahickon av & Juniata, Philadelphia, Pa.  
 Conkling, E. A., Box Co., packing box mfrs., 2001 Reading rd, Cincinnati, Ohio.  
 Conkling, W. H., & Sons, sashes, doors & blinds, Dallas, Tex.  
 Conlan, Bernard, & Co., belt buckles, uniform buttons, etc., 87 Hamilton, Newark, N. J.  
 Conlan Elec. Co., 86 Walker, New York.  
 Conlee Lumber Co., Attalia, Wash.  
 Conley Camera Co., Rochester, Minn.  
 Conley, Frank E., Stone Co., masons' & bldrs. matls., Utica, N. Y.  
 Conley Frog & Switch Co., Memphis, Tenn.  
 Conley, J. E., Co., contractors, Ludlow & Bayard, Dayton, Ohio.  
 Conley, Joseph A., brick, Harpster, Ohio.  
 Conley Stain & Blacking Co., 15 Sherman, Boston, Mass.  
 Conley, T. F., tubular boilers, Tiffin, Ohio.  
 Conley Tinfoil Co., 521 W. 25th, New York.  
 Conlin, J. C., mill & facty. & steam fitters' supplies, 361 Washington, Providence, R. I.  
 Conlin & Roberts, cornices & skylights, 414 Natoma, San Francisco, Cal.  
 Conlin, Thos., Plumbing & Htg. Co., 3978 Cottage Grove av, Chicago, Ill.  
 Conlon & Co., masons' & bldrs. matls., 270 Provost, Jersey City, N. J.  
 Conlon, Jas. W., stone, Av A & 68th, New York.  
 Conlon, John J., sashes, doors & blinds, Hannibal, Mo.  
 Conly Bros., masons' & bldrs. matls., Front & Madison, Wilmington, Del.  
 Conly, J. A., Button Co., 116 N. State, Chicago, Ill.  
 Conn, A. H., harness specialties, neck yokes, Cedar Rapids, Ia.  
 Conn, Chas. G. (Ltd.), musical instruments, Elkhart, Ind.  
 Connally, Walter & Co., mill & facty. supplies, Tyler, Tex.  
 Connaughton, John P., tubular boilers, 540 S. Capitol av, Indianapolis, Ind.  
 Conneaut Can Co., Conneaut, Ohio.  
 Conneaut Leather Co., Conneaut, Ohio.  
 Conneaut Shovel Co., Conneaut, Ohio.  
 Conn. Adamant Plaster Co., New Haven, Conn.  
 Conn. Box Co., New Haven, Conn.  
 Conn. Clasp Co., machsts., Bridgeport, Conn.  
 Conn. Concrete Co., 185 Church, New Haven, Conn.  
 Conn. Cord Iron Corp., Norwich, Conn.  
 Conn. Dynamo & Motor Co., Irvington, N. J.  
 Conn. Elec. Mfg. Co., enclosed fuses, Conn. av, Bridgeport, Conn.  
 Conn. Engineering & Constr. Co., Norwich, Conn.  
 Conn. Fat Rendering & Fertilizing Corp., tallow mfrs., New Haven, Conn.  
 Conn. Fireworks Co., West Haven, Conn.  
 Conn. Glue Co., Danbury, Conn.  
 Conn. Hassain Paving Co., 902 Chapel, New Haven, Conn.  
 Conn. Lime Co., Lee, Mass.  
 Conn. Mfg. Co., fndrs., Waterbury, Conn.  
 Conn. Marine Boiler Wks., Bridgeport, Conn.  
 Conn. Mills Co., canvas & cotton duck, Danielson, Conn.  
 Conn. Oil Co., Waterbury, Conn.  
 Conn. Quarries Co., stone p'ducers, trap rock, New Haven, Conn.  
 Conn. Sash & Door Co., 248 Park, New Haven, Conn.  
 Conn. Shock Absorber Co., Meriden, Conn.  
 Conn. Steam Brownstone Co., Portland, Conn.  
 Conn. Steel & Wire Co., auto. trunk racks, Hartford, Conn.  
 Conn. Tele. & Elec. Co., fire alarms, elec. bells, etc., 70 Britania, Meriden, Conn.  
 Conn. Turbine Mfg. Co., New London, Conn.  
 Conn. Valley Lumber Co., 147 Milk, Boston, Mass.  
 Conn. Valley Mfg. Co., bits, boring tools & gas engines, Centerbrook, Conn.  
 Conn. Valley Orchard Co., fertilizer, Berlin, Conn.  
 Conn. Web & Buckle Co., Bridgeport, Conn.  
 Conneen Constr. Co., 1829 Filbert, Philadelphia, Pa.  
 Connell, Geo. E., architect, Newport News, Va.  
 Connell, J., architect, 208 9th, Hoboken, N. J.  
 Connellsville Central Coke Co., Empire Bldg., Pittsburgh, Pa.  
 Connellsville Coal & Coke Co., Connellsville, Pa.  
 Connellsville Constr. Co., Connellsville, Pa.  
 Connellsville Distilling Co., Connellsville, Pa.  
 Connellsville Garbage & Fertilizer Co., Connellsville, Pa.  
 Connellsville Iron Wks., machsts. & fndrs., Connellsville, Pa.  
 Connellsville Mach. & Car Supply Co., Connellsville, Pa.  
 Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.  
 Connellsville Mutual Coke Co., Scottdale, Pa.  
 Connolly, Arthur, architect, 46 Breittall pl, Newark, N. J.  
 Connolly Constr. Co., 315 E. 8th, Cincinnati, Ohio.  
 Connolly, D., Boiler Co., Ivanhoe rd & N. Y. & St. L. R. R., Cleveland, Ohio.  
 Connolly Hardwood Lbr. Co., 180 Indiana av, Kansas City, Mo.  
 Connolly Iron Sponge & Governor Co., 227 Fulton, New York.  
 Connolly, J., Constr. Co., Leader-News Bldg., Cleveland, Ohio.  
 Connolly, Joseph L., Co., contractors, 133 Washington, Chicago, Ill.  
 Connolly, M. P., & Son, contractors, Youngstown, Ohio.  
 Connolly, P., contractor, 13 E. Hamilton pl, Jersey City, N. J.  
 Conner, Chas. H., & Co., tin plate, metals, etc., Louisville, Ky.  
 Conner & Hunt, machsts., 566 Folsom, San Francisco, Cal.  
 Conner, J. W., & Son, agricultural implements, Orangeville, Pa.  
 Conner Millwork Co., sash, door & blind, Trenton, N. J.  
 Conner, Theodore, architect, Park Bldg., Cleveland, Ohio.  
 Conners Bros. Co., contractors, masons' & bldrs. matls., Lowell, Mass.  
 Connersville Blower Co., Connersville, Ind.  
 Connersville Buggy Co., Connersville, Ind.  
 Connersville Lbr. Co., Connersville, Ind.  
 Connery & Co., steel plate work, cylinders, tanks, etc., 2d & Luzerne, Philadelphia, Pa.  
 Connewango Refining Co., lubricating oils & greases, Warren, Pa.  
 Connley, J. H., brick, Berlin, Conn.  
 Connolly Bros., contractors, Beverly Farms, Mass.  
 Connolly Constr. Co., Elreno, Okla.  
 Connolly, Jas., contractors, 355 Rivington, New York.  
 Connolly, M. T., Contrg. Co., 238 17th, Jersey City, N. J.  
 Connolly Mfg. Co., ovens, 123 Liberty, New York.  
 Connolly Steel Casting Co., Chelsea, Mass.  
 Connolly, Wm. H., Co., contractors, 495 12th av, Newark, N. J.  
 Connor Fdry. Co., Grand Rapids, Mich.  
 Connor, Francis, pianos, 343 Lexington av, New York.  
 Connor, G. Prescott, architect, 18 Dawson, Boston, Mass.  
 Connor Hdwe. Co. (Ltd.), cornices, Plymouth, Mich.  
 Connor, I. W., Co., masons' & bldrs. matls., Wayne, Pa.  
 Connor, Jas., contractor, 1317 Arch, Philadelphia, Pa.  
 Connor, Martha L., stone producers, Walton, N. Y.  
 Connor, R., Co., lumber, ties, poles & posts, Marshfield, Wis.  
 Connor, Thos., contractor, 3329 N. 5th, Philadelphia, Pa.  
 Connors-Weyman Steel Co., Birmingham, Ala.  
 Connors, Wm., Paint Co., mfrs., Troy, N. Y.  
 Conolly, Hy., Co., loose leaf devices, Rochester, N. Y.  
 Conococheague Brick & Earthenware Co., Williamsport, Md.  
 Conover, Allan D., architect, Madison, Wis.  
 Conover Bros., masons' & bldrs. matls., Orange, N. J.  
 Conover, Warren H., architect, 114 Liberty, New York.  
 Conquest, P. L., & Son, ties, poles & posts, Amer. Nat'l Bank Bldg., Richmond, Va.  
 Conrad, Earl W., carriages, Warsaw, Ind.  
 Conrad, Edw. J., lbr., Lisbon, N. H.  
 Conrad, Frank J., machsts., Toledo, Ohio.  
 Conrad, I. N., Iron Works, machsts. & fndrs., Boyne City, Mich.  
 Conrad, John, & Co., corn brooms, Everett, Mass.  
 Conrad, Jno. F., cleanouts, Elizabeth, N. J.  
 Conrad, Krammerer Glue Co., New Albany, Ind.  
 Conrad Piano Mfg. Co., 181 3d, Milwaukee, Wis.  
 Conrad, Wm. J., masons' & bldrs. matls., Marvsville, Ohio.  
 Conradis, August, contractor, Magee Bldg., Pittsburgh, Pa.  
 Conran Standpipe Co., 305 Pearl, New York.  
 Conrey, D. L., Furniture Co., book cases, Shelbyville, Ind.  
 Conrey-Davis Mfg. Co., medicine cabinets, sewing tables, Shelbyville, Ind.  
 Conron-McNeal Co., ice skates, Kokomo, Ind.  
 Conron, Thos., Hdwe. Co., Danville, Ill.  
 Conrow, H. S., architect, Schweiter Bldg., Wichita, Kans.  
 Conroy-Prugh Co., plate glass mirrors, 1430 Western av, Pittsburgh, Pa.  
 Conshohocken Stone Quarry, Conshohocken, Pa.  
 Considine & Haskell, architects, Hullitt Bldg., Elmira, N. Y.



- Considine, Norbert A., envelope & paper pulp mills, North American Bldg., Philadelphia, Pa.
- Consolidated Alfalfa Milling Co., meal, Newton, Kansas.
- Consolidated Belting Co., Chester, Pa.
- Consolidated Belting Co., Delaware & Jeffrey, Philadelphia, Pa.
- Consolidated Brick Co., Horseheads, N. Y.
- Consolidated Car Fender Co., trolley car fenders & snow brushes, mfrs., Foot Vale, Providence, R. I.
- Consolidated Car Heating Co., heaters, signals, etc., Albany, N.Y.
- Consolidated Carpet Sewing Mach. Co., Bridgeport, Conn.
- Consolidated Chandelier Co., 134 W. 14th, New York.
- Consolidated Chemical Co., Kane, Pa.
- Consolidated Coke Co., Oliver Bldg., Pittsburgh, Pa.
- Consolidated Color & Chemical Co., 122 Hudson, New York.
- Consolidated Construction Co., 827 Law, Indianapolis, Ind.
- Consolidated Constr. Co., 34th & Bowman, Philadelphia, Pa.
- Consolidated Dental Mfg. Co., 130 Washington pl, New York.
- Consolidated Dressed Beef Co., meat packers, 30th & Race, Philadelphia, Pa.
- Consolidated Electric Lamp Co., incandescent electric lamps, carbon & tungsten mfrs., Danvers, Mass.
- Consolidated Electric & Mfg. Co., machsts. & fndrs., Assumption, Ill.
- Consolidated Elec. Sign Co., 213 W. Austin av, Chicago, Ill.
- Consolidated Engine Stop Co., 511 W. 42d, New York.
- Consolidated Engng. Co., contractors & engineers, Calvert Bldg., Baltimore, Md.
- Consolidated Engineering Co., heating contractors, 507 W. Jackson, Chicago, Ill.
- Consolidated Expanded Metal Co., Rankin, Pa.
- Consolidated Filters Co., 136 W. 65th, New York.
- Consolidated Fireworks Co., 22 Park pl, New York.
- Consolidated Fruit Jar Co., machsts., New Brunswick, N. J.
- Consolidated Fuel & Lumber Co., Ishpeming, Mich.
- Consolidated Gas & Elec. Co., 554 Lake, Chicago, Ill.
- Consolidated Hospital Supply & Laundry Machy. Co., Saugatuck, Conn.
- Consolidated Indiana Coal Co., masons' & bldrs. matls., 404 Trac. Term., Indianapolis, Ind.
- Consolidated Iron Wks., machsts., Hoboken, N. J.
- Consolidated Knitting & Spinning Mills, lumbermen's socks, Reading, Pa.
- Consolidated Lamp & Glass Co., Corapolis, Pa.
- Consolidated Lamp & Glass Co., 66 West, New York.
- Consolidated Lbr. Co., Central Bldg., Los Angeles, Cal.
- Consolidated Lumber Co., Stillwater, Minn.
- Consolidated Mfg. Co., fertilizer mfrs., Camilla, Ga.
- Consolidated Mfg. Co., metal spinning, Dayton, Ohio.
- Consolidated Mfg. Co., ice cream freezers, Hartford, Conn.
- Consolidated Mfg. Co., hose cleaners, 54 Belmont av, Newark, N. J.
- Consolidated Mfg. Co., auto. forgings & tubing, Toledo, Ohio.
- Consolidated Marble & Stone Co., Carthage, Mo.
- Consolidated Milling Elevator & Power Co., flour, Chippewa Falls, Wis.
- Consolidated Naval Stores Co., Jacksonville, Fla.
- Consolidated Pacific Cement Plaster Co., Amboy, Cal.
- Consolidated Packing & Supply Co., 136 Liberty, New York.
- Consolidated Phosphate Co., Columbia, Tenn.
- Consolidated Phosphate Co., Dublin, Ga.
- Consolidated Pipe Co., Los Angeles, Cal.
- Consolidated Press Co., machsts., Hastings, Mich.
- Consolidated Pump Co., extension ladders & pumps, Toledo, O.
- Consolidated Quarry Co., Barre, Vt.
- Consolidated Ry. Elec. Light'g & Equipt. Co., 11 Pine, New York.
- Consolidated Railway & Mill Supply Co., wholesale lbr., 327 S. La Salle, Chicago, Ill.
- Consolidated Rendering Co., bone dlrs., oleo oils, etc., 40 N. Market, Boston, Mass.
- Consolidated Rosendale Cement Co., 50 Church, New York.
- Consolidated Rubber Co., plumbers' goods, Trenton, N. J.
- Consolidated Rubber Tire Co., 229 W. 57th, New York.
- Consolidated Safety Pin Co., clips (paper, fountain pen), Bloomfield, N. J.
- Consolidated Safety Valve Co., machsts., 119 W. 40th, New York.
- Consolidated Saw Mills Co., lbr. mfrs., Wright Bldg., St. Louis, Mo.
- Consolidated Sheet Metal Works, metal doors, windows, etc., 661 Hubbard, Milwaukee, Wis.
- Consolidated Stamp Mfg. Co., 87 Maiden la, New York.
- Consolidated Stone Co., Bedford, Ind.
- Consolidated Stone & Mining Co., crushed, 307 5th av, Pittsburgh, Pa.
- Consolidated Telegraph & Electrical Subway Co., 54 Lafayette, New York.
- Consolidated Time Lock Co 2268 Spring Grove av, Cincinnati, O.
- Consolidated Tramway Co., machsts. & fndrs., Roanoke, Va.
- Consolidated Water Power & Paper Co., Grand Rapids, Mich.
- Consolidated Wheatland Plaster Co., Caledonia, N. Y.
- Consolidated Window Glass Co., Bradford, Pa.
- Consolty, Robert G., architect, 40 E. State, Trenton, N. J.
- Consolva & Overmeyer, contractors, Norfolk, Va.
- Constable Bros. Co., contractors, Erie, Pa.
- Constable, Robt. S., contractor, Youngstown, Ohio.
- Constance Lumber Co., Mansfield, Ohio.
- Constant, B. S., Mfg. Co., machy. dealers, machsts. & fndrs., grain machy., Bloomington, Ill.
- Constant, C. L., Co., metallurgical engrs., 42 New, New York.
- Constant, P. J., contractor, 277 B'way, New York.
- Constantin Refining Co., petroleum, Tulsa, Okla.
- Constantine Board & Paper Co., Constantine, Mich.
- Constantine Casket Co., Constantine, Mich.
- Constantine Construction Co., 240 Dewey av, Buffalo, N. Y.
- Constantine Milling Co., flour, Constantine, Mich.
- Constine, Carl, & Son, lbr., Peshtigo, Wis.
- Constitution Stone Co., Constitution, Ohio.
- Construction & Engineering Co., 1047 Folsom, San Francisco, Cal.
- Construction News Co., trade publication, 53 W. Jackson blvd., Chicago, Ill.
- Construction Service Co., 15 William, New York.
- Consumer Glue Co., 176 Federal, Boston, Mass.
- Consumers' Ammonia Mfg. Co., Camden, N. J.
- Consumers' Box Board & Paper Co., Lititz, Pa.
- Consumers' Box Mfg. Co., packing box mfrs., 925 Halsted, Chicago, Ill.
- Consumers' Chemical Corp., 120 B'way, New York.
- Consumers' Coal & Supply Co., masons' & bldrs.' matls., Asbury Park, N. J.
- Consumers' Coal & Supply Co., masons' & bldrs.' matls., Elkhart, Ind.
- Consumers' Cooler Co., Michigan City, Ind.
- Consumers' Cotton Oil Mills, 39 S. La Salle, Chicago, Ill.
- Consumers' Fuel & Building Supply Co., Lima, Ohio.
- Consumers' Lignite Co., Dallas, Tex.
- Consumers' Lumber & Veneer Co., Apaka, Fla.
- Consumers' Monument Co., Ball Ground, Ga.
- Consumers' Power Co., 226 Main, Jackson, Mich.
- Consumers' Refining Co., lubricating oils, etc., 76 W. Monroe, Chicago, Ill.
- Consumers' Rubber Co., packing mfrs., 829 Superior av, N. W., Cleveland, Ohio.
- Consumers' Salt Co., Los Angeles, Cal.
- Contact Process Co., chemicals, Buffalo, N. Y.
- Contentnea Guano Co., Wilson, N. C.
- Contessa, Vita, contractor, 311 E. 119th, New York.
- Contey, Frank, scrap iron, rubber, 451 Whiton, Jersey City, N. J.
- Contey, Frank M., scrap iron, 317 Grand, Jersey City, N. J.
- Conti Bros., granite producers, Milford, N. H.
- Continental Asbestos Corp., 7 Summer, Worcester, Mass.
- Continental Bedding Co., cotton felt mattresses, 86 Beverly, Boston, Mass.
- Continental Bedding Mfg. Co., 1636 Bryant, San Francisco, Cal.
- Continental Boiler & Sheet Iron Wks., 1218 S. Vandeventer av, St. Louis, Mo.
- Continental Bolt & Iron Wks., Union & 22nd, Chicago, Ill.
- Continental Brick Co., Wright Bldg., St. Louis, Mo.
- Continental Bridge Co., steel structural work, Peotone, Ill.
- Continental Can Co., cans & can closing machines, Syracuse, N. Y.
- Continental Car & Equipt. Co., 17 Battery pl, New York.
- Continental Chemical Co., boiler compounds, 119 S. 4th, Philadelphia, Pa.
- Continental Co., screens, ventilators, etc., Penobscot Bldg., Detroit, Mich.
- Continental Condensed Milk Co., Mill Hall, Pa.
- Continental Contracting Co., Kearns Bldg., Salt Lake City, Utah.
- Continental Elec. Co., 1883 Park av, New York.
- Continental Fibre Co., Newark, Del.
- Continental Gin Co., machinists, Birmingham, Ala.
- Continental Grate Co., Exchange Bldg., Boston, Mass.
- Continental Iron & Steel Co., 2 Rector, New York.
- Continental Iron Works, corrugated furnaces, welded cylinders, pipes, annealing pots, digesters, etc., West & Calyer, Brooklyn, N. Y.
- Continental Knitting mills, sweaters, cardigans, etc., 860 Flushing av, Brooklyn, N. Y.
- Continental Latch Needle Co., 120 Liberty, New York.
- Continental Lbr. Co., Houston, Tex.
- Continental Mach. Wks., Oakland, Cal.
- Continental Mfg. Co., disinfectants & furn. polish, Indianapolis, Ind.
- Continental Mfg. Co., glue mfrs., 4611 Girard, Phila., Pa.
- Continental Marble & Granite Co., Canton, Ga.
- Continental Mills, cotton sheetings, Lewiston, Me.
- Continental Motor Mfg. Co., machsts., Muskegon, Mich.
- Continental Motor Truck Co., Fisher Bldg., Chicago, Ill.
- Continental Oil Co., Denver, Colo.
- Continental Oil Products Co., lubrg., 4053 S. La Salle, Chicago, Ill.
- Continental Paint & Mfg. Co., Cleveland, Ohio.
- Continental Paper Bag Co., paper bag mfrs., 17 Battery pl, New York.
- Continental Paper Co., Bogota, N. J.
- Continental Piling & Lumber Co., 112 W. Adams, Chicago, Ill.
- Continental Piston Ring Co., Memphis, Tenn.
- Continental Portland Cement Co., cement mfrs., Wright Bldg., St. Louis, Mo.
- Continental Refining Co., Oil City, Pa.
- Continental Rubber Works, cups, buckets, hose, etc., 19th & Liberty, Erie, Pa.
- Continental Steel & Supply Co., nails, Fulton Bldg., Pittsburgh, Pa.



- Continental Stove Co., Richmond, Va.  
 Continental Sugar Co., Toledo, Ohio.  
 Continental Supply Co., oil & gas well supplies, 3d Nat. Bk. Bldg., St. Louis, Mo.  
 Continental Tie & Lumber Co., Denver, Colo.  
 Continental Truck Mfg. Co., Superior, Wis.  
 Continental Wood Screw Co., saw grinders & screws, New Bedford, Mass.  
 Contoocook Valley Paper Co., West Henniker, N. H.  
 Contra Costa Construction Co., Berkeley, Cal.  
 Contracting & Supply Co., masons' & bldrs.' matls., 4025 Par, St. Louis, Mo.  
 Contractors' & Builders' Supply Co., 2849 Stanton av, Cincinnati, Ohio.  
 Contractors' Casting & Mach. Co., 743 Hertel av, Buffalo, N. Y.  
 Contractors' Equipment Co., tools & supplies, Seattle, Wash.  
 Contractors' Stone & Gravel Co., N. & W. Ry., Newton, Cincinnati, Ohio.  
 Contractors' Supply Co., masons' & bldrs.' matls., Marion, Ind.  
 Contractors' Trading Co., contractors' tools & supplies, 232 Fulton, New York.  
 Contrexeville Mfg. Co., plushes, Manville, R. I.  
 Conyer & Slifer, architects, Lansdale, Pa.  
 Converse, D. E., Co., cotton sheetings, Glendale, S. C.  
 Converse, E. E., sash, door & blind mfrs., Ocala, Fla.  
 Converse, Emil P., contractor, Massillon, Ohio.  
 Converse, F. S., Co., sand screens, Binghamton, N. Y.  
 Converse, H. P., & Co., contractors, 88 Broad, Boston, Mass.  
 Converse, M. E., & Son, toys, games & nov., Winchendon, Mass.  
 Converse Rubber Shoe Co., Malden, Mass.  
 Convery's, John P., Sons, masons' & bldrs.' matls., Newburgh, N. Y.  
 Conveying Weighter Co., 90 West, New York.  
 Conway Cotton Oil & Gin Co., Conway, Ark.  
 Conway, Eugene, architect, New London, Conn.  
 Conway Iron Wks., Conway, S. C.  
 Conway, J. P., machst. & fndr., Winchester, Ky.  
 Conway, J. W., founder, Hartford, Conn.  
 Conway L'br. Co., textile machy., supplies, etc., Conway, N. H.  
 Conway Lumber Co., Fort Dodge, Ia.  
 Conway-McLeod Fdry. Co., 675 Atwater, E., Detroit, Mich.  
 Conway, Martin, contractor, New Brunswick, N. J.  
 Conway, Merritt C., architect, 211 Furnam, Syracuse, N. Y.  
 Conway, R. F., Co., contractors, 133 W. Washington, Chicago, Ill.  
 Conway Stove Co., mfrs., Bellevue, Ohio.  
 Conway Veneered Door & Mantel Co., 2019 St. Paul, Milwaukee, Wis.  
 Conway, W. J., architect, 400 Union, Brooklyn, N. Y.  
 Conway, Wm., brick, 5800 Walnut, Philadelphia, Pa.  
 Conway, Wm. A., wholesale hdwe., 626 Forrest, Baltimore, Md.  
 Conway, Wm. H., architect, 104 E. Side sq., Springfield, Ill.  
 Conwell & Co., ties, poles, etc., Milton, Del.  
 Conwell, Rowland & Hutchins, architects, Conestoga Bldg., Pittsburgh, Pa.  
 Conway Towboat Co., Covington, Ky.  
 Cook, A. D., machst. & fndr., Lawrenceburg, Ind.  
 Cook, A. J., & Co., masons' & bldrs.' matls., Memphis, Tenn.  
 Cook, A. W., wood handles, Fryeburg, Me.  
 Cook, Anderson, Co., masons' & bldrs.' matls., Beaver, Pa.  
 Cook, Asa S., Co., machinists, Hartford, Conn.  
 Cook, Barron C., Chemical Mfg. Co., Charlotte, N. C.  
 Cook Bros. Pottery Co., Gadsden, Ala.  
 Cook & Brown Lime Co., Oshkosh, Wis.  
 Cook, C. A., Co., piano benches, seats, stools, etc., 16 Osborn, Cambridge, Mass.  
 Cook, C. J., Co., 275 16th, Portland, Ore.  
 Cook, C. Lee, Mfg. Co., machsts., mtic. packing, etc., Louisville, Ky.  
 Cook Cane Mill & Evaporator Co., sugar evap. & mills, 320 N. 2d, St. Louis, Mo.  
 Cook Car Journal Cooler Co., machsts. & fndrs., Flint, Mich.  
 Cook Carriage Co., Bloomville, Ohio.  
 Cook, Chas. A., & Co., machinery & automobile springs, 3911 2d av, Brooklyn, N. Y.  
 Cook & Chick Co., mill & facty. supplies, 18 E. Kinzie, Chicago, Ill.  
 Cook, Clinton B., architect, Asbury Park, N. J.  
 Cook & Coburn, dowels, West Fairlee, Vt.  
 Cook & Cokefair, lubrg. oils, 306 Pearl, New York.  
 Cook Const. Co., Gilfillan Bldg., St. Paul, Minn.  
 Cook & Corswandt, elec. & gas light fixtures, 24 W. Lake, Chicago, Ill.  
 Cook, D. K., contractor, New Castle, Ind.  
 Cook, E. C., & Bro., contractors' tents, 1846 Carroll av, Chicago, Ill.  
 Cook, Ernest L., common brick, Bridgewater, Mass.  
 Cook, Eugene, cattle guards, Kalamazoo, Mich.  
 Cook, F. A., & Son, 127 W. 40th, New York.  
 Cook, F. B., testing clamps, 162 N. Clinton, Chicago, Ill.  
 Cook, F. D., L'br. Co., Nashua, N. H.  
 Cook, F. H., & Co., machsts. & fndrs., Leominster, Mass.  
 Cook, Frank B., Co., telephones, 326 W. Madison, Chicago, Ill.  
 Cook, Fred, lumber, Dunn, La.  
 Cook & Genung Co., masons' & bldrs.' matls., 16 Jersey, Newark, N. J.  
 Cook, Geo. L., architect, Dorchester, Boston, Mass.  
 Cook, H. C., Co., machinists, Ansonia, Conn.  
 Cook, H. N., Belting Co., 317 Howard, San Francisco, Cal.  
 Cook, H. R., cornices & skylights, 838 King, Wilmington, Del.  
 Cook, J. C., cornices, Greenville, S. C.  
 Cook, J. W., common brick, Poneto, Ind.  
 Cook, Jas. M., lbrmen's socks, Somerset, Pa.  
 Cook, Jas. W., contractor, 327 S. La Salle, Chicago, Ill.  
 Cook, John, & Son, contractors, Brookline, Mass.  
 Cook, L. D., Co., masons' & bldrs.' matls., Boundbrook, N. J.  
 Cook & Laurie Contracting Co., Montgomery, Ala.  
 Cook & Laurie Gravel Co., Montgomery, Ala.  
 Cook-Lewis Fdry. Co., Greensboro, N. C.  
 Cook, M. D. L., contractor, Little Rock, Ark.  
 Cook, Mark, brick, Springville, Utah.  
 Cook & Miller, cornices, Muncie, Ind.  
 Cook Milling Co., flour, Mabscott, W. Va.  
 Cook Milling Co., flour, Mebane, N. C.  
 Cook Motor Co., Delaware, Ohio.  
 Cook, N. B., Oil Co., lubricating oils & greases, 148 Front, New York.  
 Cook, O. S., & Sons Co., packing box mfrs., Fitchburg, Mass.  
 Cook & Parker, whip mfrs., Westfield, Mass.  
 Cook Pottery Co., china, cleats, crockery, insulators, knobs, porcelain specialties, etc., Trenton, N. J.  
 Cook, R. A., mill & facty. supplies, Stevens Point, Wis.  
 Cook Ry. Signal Co., storage batteries, Denver, Colo.  
 Cook-Rankin-Wyckoff, architects, 112 W. 9th, Los Angeles, Cal.  
 Cook, Robt. Allen, architect, Milford, Mass.  
 Cook, Simon Co., scrap iron, Wabash, Ind.  
 Cook & Smith, sash, door & blind mfrs., Redwood, N. Y.  
 Cook Spring Co., 420 E. 106th, New York.  
 Cook, Thos. W. G., presses, 83 Walker, New York.  
 Cook, W. P., & Co., lbr. mfrs., Charleston, C. C.  
 Cook, Walter, architect, 3 W. 29th, New York.  
 Cook-Watkins & Co., granite producers, 223 Columbus av, Boston, Mass.  
 Cook, Wm. F., Supply Co., stone prod., 184 State, Springfield, Mass.  
 Cook, Wm. H., contrs., Rockford, Ill.  
 Cook, Wm. P., & Co., ties, Jacksonville, Fla.  
 Cooke & Co., architects, Prince Theatre Bldg., Houston & Beaumont, Tex.  
 Cooke, Douglas H., carbon paper, 18 W. 38th, New York.  
 Cooke, E. B., architect, 140 Peachtree, Atlanta, Ga.  
 Cooke, F. E., mason's & bldrs.' matls., Fredonia, N. Y.  
 Cooke, J. P., Co., stamps—rubber, steel—Omaha, Neb.  
 Cooke, Jno. K., & Son, steel structural wk., Athenia, N. J.  
 Cooke, Jos. C., architect, 34 S. 17th, Philadelphia, Pa.  
 Cooke, Jos. S., electroplating, 20 Jacob, New York.  
 Cooke-Shanawolf Co., canned goods, 3909 Bank, Baltimore, Md.  
 Cooke Wilson Electric Supply Co., mfrs. agents, Imperial Power Bldg., Pittsburgh, Pa.  
 Cookeville Roller Mills, flour, Cookeville, Tenn.  
 Cook's, A., Sons Co., lumber, Cooksburg, Pa.  
 Cook's, Adam, Sons, lubrg. oils, 708 Washington, New York.  
 Cook's Linoleum Co., Trenton, N. J.  
 Cook's Lbr. Co., Laconia, N. H.  
 Cool Spring Canning Co., Bedford, Va.  
 Cool Spring Canning Co., Cool Spring, Del.  
 Coolbaugh, C. C., & Son, lumber mfrs. & wholesale dlrs., 19th & Cambria, Philadelphia, Pa.  
 Coolidge, F. J., & Sons, enamels, paints, Atlanta, Ga.  
 Cooley, A. E., & Co., steam fitters' supplies, Canandaigua, N. Y.  
 Cooley, C. D., Co., architect, 37 E. 28th, New York, Akron, Ohio, Kansas City, Mo., & Washington, D. C.  
 Cooley, C. F., masons' & bldrs. matls., Madison, Wis.  
 Cooley, H. E., cheese boxes, West Bend, Wis.  
 Cooley Mfg. Co., carpet beaters, 551 W. Monroe, Chicago, Ill.  
 Cooley Mfg. Co., packing mfrs., 98 Park pl, New York.  
 Cooley & Son, masons' & bldrs. matls., Montrose, Pa.  
 Cooley & Trevor Mfg. Co., machsts., Hartford, Conn.  
 Cooley Wright Mfg. Co., machsts. & fndrs., Waterbury, Vt.  
 Coolidge & Carlson, architects, 89 State, Boston, Mass.  
 Coolidge Carriage Co., Woodville, Mass.  
 Coolidge & Hodgdon, architects, 134 S. La Salle, Chicago, Ill.  
 Coolidge, L. H., Co., naval architects, Seattle, Wash.  
 Coolidge, Roger E., mill engineer, Southbridge, Mass.  
 Coolidge & Schussler, lumber, Metropolitan Life Bldg., Minneapolis, Minn.  
 Coolidge & Shattuck, architects, Ames Bldg., Boston, Mass.  
 Cooling Carriage Co., Wilmington, Del.  
 Cooling Tower Co., spray nozzles, 17 John, New York.  
 Coombs & Ash, architects, Lewiston, Me.  
 Coombs, Harry S., architect, Lewiston, Me.  
 Coombs, R. D., & Co., clamps, 30 Church, New York.  
 Coombs, Wm. A., Milling Co., flour, Coldwater, Mich.  
 Coomer & Small, contractors, Sioux City, Ia.  
 Cooney-Dunn Co., m & facty. supplies, 72 Grand, New York.  
 Cooney, Eckstein & Co., lbr., 66 Broad, New York.  
 Cooney, John H., heat & contractor, Harrison, N. J.  
 Cooney & Smith, mattresses, Saginaw, Mich.  
 Coonley Mfg. Co., machsts. & fndrs., Cicero, Ill.  
 Cooper, A. A., Wagon & Buggy Co., Dubuque, Iowa.  
 Cooper, A. P., architect, Uniontown, Pa.  
 Cooper, A. & W., masons' & bldrs.' matls., 1318 Gratiot av, Detroit, Mich.  
 Cooper, B., & Son, coppersmiths, 910 E. Baltimore, Balti., Md.



- Cooper & Bagg, architects, Clarendon Bldg., Utica, N. Y.  
 Cooper, Barclay, contractor, 1100 Hawthorn av, Minneapolis, Minn.  
 Cooper & Beckbissinger, architects, Saginaw, Mich.  
 Cooper-Bell Varnish Co., 2526 W. Van Buren, Chicago, Ill.  
 Cooper & Bones, brick, Ada, Okla.  
 Cooper Brick Co., Akron, Ohio.  
 Cooper Bros., machsts. & fndrs., Cortland, N. Y.  
 Cooper, C. F., Brass Co., fndrs., Springfield, Mass.  
 Cooper, C. & G., Co., machinists, Mount Vernon, Ohio.  
 Cooper, C. M., ties, poles & posts, Paintsville, Ky.  
 Cooper, Chas., & Co., chemicals, 194 Worth, New York.  
 Cooper, Chas. (Est. of), knitting & textile machs., etc., Bennington, Vt.  
 Cooper, Chas. S., contractor, 45 Clinton av, Newark, N. J.  
 Cooper & Co., masons' & bldrs. matls., Belfast, Me.  
 Cooper & Cooper, chemicals, 309 B'way, New York.  
 Cooper, Dyer, machst., N. 40th, Philadelphia, Pa.  
 Cooper, E. B., contractor, Lumber Exch., Minneapolis, Minn.  
 Cooper, E. C., ties, Wilton, Ark.  
 Cooper, E. N., & Co., machst. & fndr., Harrisburg, Pa.  
 Cooper, Edw. S., gimlet bits, Seymour, Conn.  
 Cooper & Evans Co., contractors, 320 B'way, New York.  
 Cooper, F. A., architect, Conn. Nat'l Bk. Bldg., Bridgeport, Conn.  
 Cooper, Francis W., architect, Pueblo, Colo.  
 Cooper, Frank Irving, Corp., architects, 33 Cornhill, Boston, Mass.  
 Cooper, Frank N., contractor, Jeff E. & Joplin, Detroit, Mich.  
 Cooper, George S., architect, 1413 G. N. W., Washington, D. C.  
 Cooper, Geo. W., shingle stains, Denver, Colo.  
 Cooper, Guano Co., Wilmington, N. C.  
 Cooper, Gustave A., architect, 75 Whitestone, Flushing, N. Y.  
 Cooper, H. W., Saddlery Hardware Mfg. Co., Moline, Ill.  
 Cooper, Harry, Supply Co., plumbers', jobbers' & steam fitters' supplies, Springfield, Mo.  
 Cooper Heater Co., Carlisle, Pa.  
 Cooper Hewitt Elec. Co., blue prints & papers, Hoboken, N. J.  
 Cooper Hose Mender Co., 11 Hayes, Providence, R. I.  
 Cooper, Hugh L., & Co., contractors, 101 Park av, New York.  
 Cooper, J. J., contractor, Andrus Bldg., Minneapolis, Minn.  
 Cooper, Jas. E., architect, Pope Bldg., Washington, D. C.  
 Cooper, Jno., cupola linings, 111 Clay, Brooklyn, N. Y.  
 Cooper, John S., canned goods, Columbia, Del.  
 Cooper Lumber Co., Columbus, Ga.  
 Cooper & McKee, refrigerators & water coolers, 110 Lorimer, Brooklyn, N. Y.  
 Cooper Madison Co., refrigeration engrs., Calcium, N. Y.  
 Cooper, Mark P., masons' & bldrs. matls., Christiana, Pa.  
 Cooper, Otway, halters & wholesale hdwe., Urbana, Ohio.  
 Cooper Oven Thermometer Co., Pequabuck, Conn.  
 Cooper, P. B., architect, Annapolis, Md.  
 Cooper-Pyle-Clapin Co., contractors, Story Bldg., Los Angeles, Cal.  
 Cooper Sanitary Mfg. Co., cocks, plumbers' supplies, regulators, valves, etc., 34th & Chestnut, Philadelphia, Pa.  
 Cooper Spring Co., Cleveland, Ohio.  
 Cooper Union, engng. school & coll., Cooper sq. New York.  
 Cooper, W. J., architect, Boston Bldg., Salt Lake City, Utah.  
 Cooper, W. N., lumber, Asheville, N. C.  
 Cooper, W. S., & Co., contractors, Toronto, Ohio.  
 Cooper, Wells & Co., lumbermen's socks, St. Joseph, Mich.  
 Cooper, Wm. J., & Co., sashes, doors & blinds, Camden, N. J.  
 Co-operative Canning & Storage Co., Leslie, Ark.  
 Co-operative Enterprise Glass Co., lamp chimneys, North Vernon, Ind.  
 Co-operative Fertilizer Co., Braselton, Ga.  
 Co-operative File Co., Lawrence, Mass.  
 Co-operative Flint Glass Co., Beaver Falls, Pa.  
 Co-operative Foundry Co., sewer manhole steps, 207 Junction av, Detroit, Mich.  
 Co-operative Foundry Co., stoves & furnaces, Rochester, N. Y.  
 Co-operative Furniture Co., book-cases, Rockford, Ill.  
 Co-operative Plate Window Glass Co., 5914 S. Racine av., Chicago, Ill.  
 Co-operative Stove Co., Bloomington, Ill.  
 Co-operative Tin Shop, cornices & skylights, Lafayette, Ind.  
 Cooper's, Peter, Glue Factory, Gowanda, N. Y.  
 Coopersburg Bending Wks., carriage bodies, Coopersburg, Pa.  
 Coopersburg Casket Co., Coopersburg, Pa.  
 Coops Bros., bldg. contrs., Madison, Wis.  
 Coosa Pipe & Fdry. Co., Birmingham, Ala.  
 Coosa Portland Cement Co., N. Stock Exch. Bldg., Phila., Pa.  
 Coosa River Fertilizer Co., Wetumpka, Ala.  
 Coosada Pottery Co., Coosada Station, Ala.  
 Cope, Hy., & Co., fertilizer mfrs., Lincoln University, Pa.  
 Cope, L. Lynden, architect, Oswego, N. Y.  
 Cope, L. N., & Son, contractors, Decatur, Ill.  
 Cope Pattern Wks., 30 Brush, Detroit, Mich.  
 Cope & Stevenson, architects, 316 Walnut, Phila., Pa.  
 Cope, T. J., manhole covers, underground tools & equipments, 1620 Chancellor, Philadelphia, Pa.  
 Copeland, G. T., corn poppers, Gloversville, N. Y.  
 Copeland, H. L., architect, Walla Walla, Wash.  
 Copeland, H. P., elec. cable hangers, 30 Church, New York.  
 Copeland, Hugh, & Sons, stone producers, Washington & 24th, Philadelphia, Pa.  
 Copeland-Inglis Shale Brick Co., Birmingham, Ala.  
 Copeland, J. E., cornices & skylights, Hampton, Va.  
 Copeland, L. E., masons' & bldrs. matls., Dunwoody, Ga.  
 Copeland Lumber Co., Hazelhurst, Ga.  
 Copeland Mill Supply Co., 424 Central av, Pawtucket, R. I.  
 Copeman Electric Stove Co., Flint, Mich.  
 Copenhauer, Geo. C., carriages, Denver, Colo.  
 Coplay Cement Mfg. Co., Copley, Pa.  
 Copley Bros., cornices & skylights, Riverside, Cal.  
 Copp, C. W., masons' & bldrs. matls., Port Washington, N. Y.  
 Coppala Ra Faielo, architect, Pennyfield av, New York.  
 Copper City Commercial Co., cornices & skylights, Anaconda, Montana.  
 Copper Clad Malleable Range Co., 520 N. Commercial, St. Louis, Mo.  
 Copper & Hewitt Elec. Co., lamps, 8th & Grand, Hoboken, N. J.  
 Copper Queen Consolidated Mining Co., Douglas, Ariz.  
 Coppersmith, J. M., machinist, Rockford, Ohio.  
 Coppes Bros. & Zook, cabinets, Nappanee, Ind.  
 Coppes, John, architect, Kaukauna, Wis.  
 Coppock-Warner Lbr. Co., Land Title Bldg., Philadelphia, Pa.  
 Copps Bros., contractors, Madison, Wis.  
 Coppus Engineering & Equipment Co., steam turbines, turbo blowers, etc., Worcester, Mass.  
 Coquard, Leon, architect, 169 First, Detroit, Mich.  
 Coral Concrete Culv. Mfg. Co., Coral, Mich.  
 Coralline Drug & Chemical Co., 465 Greenwich, New York.  
 Corbaley, Chas. W., Co., contractors, H. W. Hellman Bldg., Los Angeles, Cal.  
 Corbett, B. C., architect, Union Oil Bldg., Los Angeles, Cal.  
 Corbett & Co., clothes dryers, flag poles, ladders, etc., 429 E. 10th, New York.  
 Corbett, Edw. M., architect, 70 Bedford, Fall River, Mass.  
 Corbett (Miss) Ella M., architect, Hayden Bldg., Columbus, O.  
 Corbett, F. A., contractor, 148 Sutherland rd, Boston, Mass.  
 Corbett, Geo. E., & Co., boilers, 1336 Cortland, Chicago, Ill.  
 Corbett, Geo. W., contractor, 409 10th, N. W., Washington, D. C.  
 Corbett, Harvey W., architect, 190 Montague, Brooklyn, N. Y.  
 Corbett, J. Knox, Lumber Co., Tucson, Ariz.  
 Corbett, Lawrence, architect, 129 Weld, Rochester, N. Y.  
 Corbett Lumber Co., Moultrie, Ga.  
 Corbett, M. J., & Co., bronze powders, 24 State, New York.  
 Corbett, M. J., & Co., wood acids & alcohol, Binghamton, N. Y.  
 Corbett Mill Co., lumber, Anacortes, Wash.  
 Corbett & Rohe, mill & facty. supplies, Greensburg, Ind.  
 Corbett & Stuart, wood acids, Binghamton, N. Y.  
 Corbett, T. R., & Sons, contractors, Woburn, Mass.  
 Corbett, Wm. H., sashes, doors & blinds, Napa, Cal.  
 Corbin Cabinet Lock Co., New Britain, Conn.  
 Corbin Disinfecting Co., Front & Walnut, Philadelphia, Pa.  
 Corbin, E. M., architect, Putnam, Conn.  
 Corbin & Guion, machsts., 310 S. Desplaines, Chicago, Ill.  
 Corbin Milling Co., flour, New Harmony, Ind.  
 Corbin Motor Vehicle Corp., New Britain, Conn.  
 Corbin, P. & F., bldrs. hdwe., New Britain, Conn.  
 Corbin, P. & F., hdwe., 101 Park av, New York.  
 Corbin Screw Corp., screws of every description and automatic screw machine products mfrs., New Britain, Conn.  
 Corbin Supply Co., mill & factory supplies, Macon, Ga.  
 Corbin, W. S., masons' & bldrs. matls., Gouverneur, N. Y.  
 Corbitt Automobile Co., Henderson, N. C.  
 Corbitt Buggy Co., Henderson, N. C.  
 Corbusier, J. W. C., architect, Lennox Bldg., Cleveland, Ohio.  
 Corby Co., alcohols, Washington, D. C.  
 Corcoran, A. J., machsts., 11 John, New York.  
 Corcoran Constr. Co., West Chester, Pa.  
 Corcoran, J. G., Co., contractors, 4 Smithfield, Pittsburgh, Pa.  
 Corcoran Mfg. Co., automobile parts, Winton pl, Cincinnati, O.  
 Corcoran Matt & Co., coppersmiths, Louisville, Ky.  
 Corcoran, P., & Son, packing box mfrs., D., S. Boston, Mass.  
 Corcoran Scientific School of Columbian Univ., engng. schools & coll., Washington, D. C.  
 Corcoran Supply Co., plumbers', steam & gas fitters' supplies, jobbers, Brockton and Cambridge, Mass.  
 Corcoran-Victor Co., automobile lamps, etc., 712 Reeding rd, Cincinnati, Ohio.  
 Cord, M. C., Mfg. Co., sash balance mfrs.  
 Cordage Trade Journal, 81 Fulton, New York.  
 Cordaville Woolen Co., Cordaville, Mass.  
 Corddry Co., sash, door & blind mfrs., Snow Hill, Md.  
 Cordele Sash, Door & Lumber Co., Cordele, Ga.  
 Cordes, A. W., architect, 124 W. 45th, New York.  
 Cordes, Ayrault & Co., asphalt shingles, Tonawanda, New York.  
 Cordes, F. H., Bldg. Co., Union Trust Bldg., Cincinnati, Ohio.  
 Cordes, H. W., architect, Union Trust Bldg., Cincinnati, Ohio.  
 Cordes, L. H., & Co., common brick, Watertown, Wis.  
 Cordesman-Rechtin Co., dado & wood working machy., Butler, Cincinnati, Ohio.  
 Cordingley, W. S., & Son, cotton waste, 229 A. S., Boston, Mass.  
 Cordis Mills, tickings, Millbury, Mass.  
 Cordley & Hayes, water, milk & cream coolers, flower tubs, & fire brackets, 7 Leonard, New York.  
 Cordner, J. G., architect, Bankers' Life Bldg., Lincoln, Neb.  
 Cordova Leather Co., 176 Madison av, New York.  
 Core, W. T., dry docks, Norfolk, Va.  
 Corey, E., & Co., wholesale hdwe., mill & facty. supplies, 195 Commercial, Portland, Me.  
 Corey Mach. Co., machsts., Gloversville, N. Y.



- Corey-Taylor Constr. Co., Ogden, Utah.  
 Corey, Wm., Co., textile machy., supplies, etc., Manchester, N. H.  
 Corinth Machy. Co., Corinth, Miss.  
 Cork Insert Co., cork insert friction surfaces, 164 Federal, Boston, Mass.  
 Cork Insulation Co., Claremont, N. J.  
 Cork Mfg. Co., 186 Van Brunt, Brooklyn, N. Y.  
 Cork & Zicha Marble Co., 813 Vernon av, L. I. City, N. Y.  
 Corkery, Jno. J., stone producers, Yonkers, N. Y.  
 Corkey Bros. Logging Co., lumber, Hoquiam, Wash.  
 Corkran, Hill & Co., meat packers, Union Stock Yards, Baltimore, Md.  
 Corlett, W. W., oil & gas well supplies, Knox, Pa.  
 Corley, J. P., Lumber Co., Manchester, Ga.  
 Corley Mfg. Co., saw teeth, Chattanooga, Tenn.  
 Corley, W. C., lumber, Coushatta, La.  
 Corliss, C. R., & Sons, oiled clothing, Gloucester, Mass.  
 Corliss Carbon Co., carbon brushes, Bradford, Pa.  
 Corliss, E. M., Co., gas engines, 314 Brannan, San Francisco, Cal.  
 Corliss Gas Engine Co., 440 Market, San Francisco, Cal.  
 Corliss, J., Supply Co., manufacturers agents, 1906 Olive, St. Louis, Mo.  
 Corliss Mfg. & Supply Co., boiler compounds, cements, metal polish etc., 1906 Olive, St. Louis, Mo.  
 Corliss Motor Truck Co., Corliss, Wis.  
 Corn Belt Tractor Co., traction engines, 2701 Univ. av, S. E., Minneapolis, Minn.  
 Corn Products Refining Co., food products, 17 Battery pl, New York.  
 Corneby, F. C., sash, door & blind mfrs., Athens, Pa.  
 Corneer Brick Co., Omaha, Neb.  
 Cornelius, A. W., architect, Merchants National Bank Bldg., San Francisco, Cal.  
 Cornelius, Henry D., Co., contractors, 3014 Calvelage, Indianapolis, Ind.  
 Cornelius Mill Furnishing Co., 1119 N. 6th, St. Louis, Mo.  
 Cornelius, T. Ed., architect, House Bldg., Pittsburgh, Pa.  
 Cornell Bros., contractors, Tacoma, Wash.  
 Cornell, Chas. J., glass stainers, 345 W. B'way, New York.  
 Cornell College, engng. school & coll., Mount Vernon, Ia.  
 Cornell Comb Co., Leominster, Mass.  
 Connell & Dengler Machine Co., box making machinery, Rochester, N. Y.  
 Cornell, Frank T., architect, Grand Central Term., New York.  
 Cornell Iron Works, iron works, 26th & 11th av, New York.  
 Cornell, J. C., & Co., glass stainers, 359 W. 42d, New York.  
 Cornell, J. N. H., contractor, 29 B'way, New York.  
 Cornell, J. S., & Son, contractors, Finance Bldg., Phila., Pa.  
 Cornell, Jos. H., architect, Mott av, Far Rockaway, N. Y.  
 Cornell Lumber Co., Pleasantville, N. Y.  
 Cornell & Matthews, architects, Bulletin Bldg., Phila., Pa.  
 Cornell-Searl Co., oil well & plumbers' supplies, Lincoln, Neb.  
 Cornell & Underhill, plumbers, mill & steam fitters' supplies, wholesale, Greenwich & Spring, New York.  
 Cornell University, engng. school & coll., Ithaca, N. Y.  
 Cornell, W. G., & Co., heating contrs., 45 E. 17th, New York.  
 Cornell Wood Products Co., wall boards, 175 W. Jackson blvd, Chicago, Ill.  
 Cornell-Young Co., contractors, Macon, Ga.  
 Corner, Jas., & Sons, pine tar, E. Falls av & Fawn, Baltimore, Md.  
 Cornfoot, Wm., mach. & fdr., Portland, Ore.  
 Cornie Stave Co., lumber, Junction City, Ark.  
 Corning, Arthur W., lubrg. oils, 251 Front, New York.  
 Corning Building Co., Corning, N. Y.  
 Corning, Burt W., architect, Schofield Bldg., Cleveland, O.  
 Corning & Co., denatured alcohol, Peoria, Ill.  
 Corning & Co., distillers, 11 Vestry, New York.  
 Corning & Co., gin distillers, 11 Catherine, Philadelphia, Pa.  
 Corning Distilling Co., Peoria, Ill.  
 Corning, Edward, Co., contractors, Vanderbilt av & 45th, New York.  
 Corning Glass Wks., Corning, N. Y.  
 Corning, J. H., iron, 520 13th, N. W., Washington, D. C.  
 Corning Mfg. Co., stove mfrs., Corning, N. Y.  
 Cornish, Alfred, & Co., harness, saddles, etc., Omaha, Neb.  
 Cornish Co., pianos, Washington, N. J.  
 Cornish, E. P., mill & facty. supplies, Manchester, N. H.  
 Cornplanter Lubrg. & Oil Co., Ft. Drake, St. Paul, Minn.  
 Cornplanter Refining Co., Warren, Pa.  
 Cornwall, E., & Co., archl. iron, 709 Sarah, Pittsburgh, Pa.  
 Cornwall, J., & Sons, flour mills, Cadillac, Mich.  
 Cornwall Ore Bank Co., Cornwall, Pa.  
 Cornwall & Patterson Co., screw mach. prod., Bridgeport, Conn.  
 Cornwell Co., meat packers, Saginaw, Mich.  
 Cornwell, Fay D., architect, Indiana Harbor, Ind.  
 Cornwell, Lewis (Est. of), lbr. mfrs., Saginaw, Mich.  
 Corona Chemical Co., color mfrs. etc., 213 Lake, Milwaukee, Wis.  
 Corona Cut Glass Co., Toledo, Ohio.  
 Corona Supply Co., carbon paper, etc., Rochester, N. Y.  
 Corona Typewriter Co., Grotton, N. Y.  
 Coronaca Oil Mill, meal, Coronaca, S. C.  
 Coronet Phosphate Co., 99 John, New York.  
 Corono Mills Co., flour, farina, St. Louis, Mo.  
 Cororun Equipt. Co., valves, couplings, 89 Fulton, New York.  
 Corr, Peter H., cotton waste, Taunton, Mass.  
 Corrant, F. R., Co., box shooks, Auburn, Me.  
 Correll, R. S., masons' & bldrs.' matls. & mill & facty. supplies, Pen Argyl, Pa.  
 Corrick Bros., contractors, Trussed Concrete Bldg., Detroit, Mich.  
 Corrigan & John, masons' & bldrs.' matls., Clyde, N. Y.  
 Corrington, Wm. E., brick, Moweaqua, Ill.  
 Corr. Bar Co., concrete steel construction, reinforcing materials, Buffalo, N. Y.  
 Corr. Container Corp., corrugated paper boxes, etc., 520 Dublin av, Columbus, Ohio.  
 Corr. Culvert Co., Moberly, Mo.  
 Corr. Metal Co., Emporia, Kan.  
 Corr. Paper Co., Norfolk, Va.  
 Corr. Paper Products Co., 221 W. 26th, New York.  
 Corr. Steel Nail Co., Springfield, Ohio.  
 Corry Brick & Tile Co., Corry, Pa.  
 Corry Metal Products Co., medicine cabinets, Corry, Pa.  
 Corry Pail Co., Corry, Pa.  
 Corry Steam Boiler Wks., Corry, Pa.  
 Corry Wrench Co., Corry, Pa.  
 Corse, Montgomery, lumber, Jacksonville, Fla.  
 Corser, Frederick G., architect, N. Y. Life Bldg., Minneapolis, Minn.  
 Corsett, L. E., contractor, Olean, N. Y.  
 Corsicana Brick Co., Corsicana, Tex.  
 Corsicana Cotton Mills, Corsicana, Tex.  
 Corskie, J. P., & Son, granite, Barre, Vt.  
 Corson, G. & W. H., lime mfrs., Plymouth Meeting, Pa.  
 Corson, Geo. W., & Sons, contractors, 161 E. 84th, New York.  
 Corson, Leander S., contractor, Ocean City, N. J.  
 Cortland Carriage Goods Co., eyelets, top irons, etc., Cortland, N. Y.  
 Cortland Cart & Carriage Co., Sidney, N. Y.  
 Cortland Forging Co., Cortland, N. Y.  
 Cortland Fdry. & Mach. Co., Cortland, N. Y.  
 Cortland Grinding Wheel Corp., machst., Cortland, N. Y.  
 Cortland Specialty Co., bicycle oils, paints, soaps, etc., Cortland, N. Y.  
 Cortland Welding Compound Co., Cortland, N. Y.  
 Cortright Metal Roofing Co., metallic shingles, 50 W. 23rd Philadelphia, Pa.  
 Corwin, H. G., architect, Maine Bldg., Los Angeles, Cal.  
 Corwin & Vail Lumber Co., Riverhead, N. Y.  
 Cory, Chas., & Son, machsts. & fndrs., 286 Spring, New York.  
 Cory & Co., coal jigs, Oliver Bldg., Pittsburgh, Pa.  
 Cory, Herbert H., mill & facty. supplies, Norfolk, Va.  
 Cory-Patterson Mfg. Co., life-saving nets, Greenfield, Ohio.  
 Corydon Lumber Co., Corydon, Ia.  
 Corydon Milling Co., flour, Corydon, Ky.  
 Coryell, B. H., contractor, Williamsport, Pa.  
 Coryville Chemical Co., acetate of lime, alcohol, etc., Bradford, Pa.  
 Cosby, Clarence, scrap iron & steel, Richmond, Va.  
 Cosby, Overton, M., sash, door & blind, Washington, Ind.  
 Cosden & Co., petroleum & its products, Tulsa, Okla.  
 Cosgrave, John J., architect, 362 State, Albany, N. Y.  
 Cosgrove, Wm. N., contractor, Faribault, Minn.  
 Coshocton Art Leather Co., Coshocton, Ohio.  
 Coshocton Brick Co., Coshocton, Ohio.  
 Coshocton Distilling Co., Canton, Ohio.  
 Coshocton Glass Co., bottles, Coshocton, Ohio.  
 Coshocton Iron Co., mchsts. & fndrs., Monongahela, Pa.  
 Coshocton Specialty Co., advertising, Coshocton, Ohio.  
 Coshocton Straw Paper Co., Coshocton, Ohio.  
 Cosman, Jacob E., machsts. & fndrs., Rockford, Wash.  
 Cosmo Buttermilk Soap Co., Upper Sandusky, Ohio.  
 Cosmo Lbrg. Co., 52 B'way, New York.  
 Costello, John F., contractor, Spokane, Wash.  
 Costen, Moore & Co., brick common, McKenzie, Tenn.  
 Costen, W. A., Co., almond meal, Pocomoke City, Md.  
 Coster, August, contractor, Norfolk, Va.  
 Costerisan, G. F., architect, Lankershim bldg., Los Angeles, Cal.  
 Costigan, Lawrence, stone prod., Church la & Baynton, Gtn., Philadelphia, Pa.  
 Costmeter Co., mfrs costmeters & installers of cost systems, 295 Franklin, Boston, Mass.  
 Coston Signal Co., 24 Water, New York.  
 Cote & Frost, contractors, Bellows Falls, Vt.  
 Cote, J. S., architect, Haight Bldg., Seattle, Wash.  
 Cote Piano Mfg. Co., Fall River, Mass.  
 Cotey, L. C., & Son, sash, door & blind mfrs., Vergennes, Vt.  
 Cothran, John R., architect, 403 Carondelet, New Orleans, La.  
 Cothran, Thos. W., architect, Greenwood, S. C.  
 Cottage Building Co., sash, door & blind mfrs., Evansville, Ind.  
 Cottage Grove Mfg. Co., lumber mfrs., 3912 Langley av, Chicago, Ill.  
 Cottage Planing Mill Co., masons' & bldrs.' matls., Everett, Pa.  
 Cottageville Milling Co., flour, Cottageville, W. Va.  
 Cotta-Lap Co., burlap, size & wall paper, Somerville, N. J.  
 Cotten Bros. Cypress Co., Ltd., Morgan City, La.  
 Cotter, E. J., stone producers, Hancock, N. Y.  
 Cotter, Jere., & Son, contractors, West Newton, Mass.  
 Cotter, T., contractor, 2364 Tiebout av, New York.  
 Cotter Transfer & Storage Co., Mansfield, Ohio.  
 Cotteral Bldg. Co., 2nd Nat. Bk. Bldg., Cincinnati, Ohio.  
 Cottier, Chas., & Son, gold leaf, 65 Nassau, New York.  
 Cottle, S., Co., silver nov., 31 E. 17th, New York.



- Cotto Waxo Co., sweeping compounds, 116 N. Commercial, St. Louis, Mo.
- Cotton Belt Lumber Co., Bearden, Ark.
- Cotton, H. W., landscape architect, 406 Centre, Newbury, Mass.
- Cotton, Lemuel, & Son, wood handles, Hiram, Me.
- Cotton Manual Publishing Co., Atlanta, Ga.
- Cotton Mfg. Co., saddlery, hdwre. mfrs., Montpelier, Vt.
- Cotton Oil Co., meal, Bamberg, S. C.
- Cotton Oil & Ginning Co., Scotland Neck, N. C.
- Cotton State Lbr. Co., Meehan, Miss.
- Cotton States Belting & Supply Co., Atlanta, Ga.
- Cotton States Seed & Fertilizer Co., Macon, Ga.
- Cotton, Wm. E., & Co., cornices, 1600 Hartford av, Baltimore, Md.
- Cottonseed Products Co., Roff, Okla.
- Cottonwood Milling Co., flour, Cottonwood, Idaho.
- Cottrell, C. B., & Sons Co., machsts. & fndrs., Westerly, R. I.
- Cottrell, J. T., Co., masons' & bldrs.' matls., Pawtucket, R. I.
- Cottrell, Jonathan F., architect, 1912 Sprague, Omaha, Nebr.
- Cottrell Saddlery Co., Richmond, Va.
- Cottrell, W. C. & A. F., architects, Asbury Park, N. J.
- Couch, A. M., cornices, 236 S. Euclid av, Dayton, Ohio.
- Couch Bros. Mfg. Co., sweat pads, East Point, Ga.
- Couch & Heyle, mill & fcty. supplies, Peoria, Ill.
- Couch, Lester S., architect, 70 Kilby, Boston, Mass.
- Couch, S. H., Co., annunciators & telephones, Norfolk Downs, Mass.
- Couch, Wm., contractor, Main, Long Island City, N. Y.
- Coudersport-Mangle Roller Mfg. Co., Coudersport, Pa.
- Coughenour, E. C., Co., tubular boilers, Huntington, W. Va.
- Coughlan, Jas. J., contractor, Carney Bldg., Boston, Mass.
- Coughlan, John P., contractor, 1822 Main, Kansas City, Mo.
- Coughlan, T. R., Co., lime mfrs., stone producers, Mankato, Minn.
- Coulam & White, contractors, 21 7th E., Salt Lake City, Utah.
- Coulbourne & Parsons, canned goods, Marion Station, Md.
- Could Construction Co., Davenport, Ia.
- Coulman & Westcott, slate floor tiles, mantels, stair treads, etc., Fair Haven, Vt.
- Coulson, Fred'k, architect, 405 Main, Worcester, Mass.
- Coulson, J. W., & Bro., contractors, Hanover, Pa.
- Coulston, Brundage & Co., rural mail boxes, La Harpe, Ill.
- Coulston, J. W., & Co., color mfrs. & imprs., 80 Maiden la, New York.
- Coulston, Wm. R., & Co., contractors, 2041 E. Charleston, Philadelphia, Pa.
- Coulter, D., & Son, masons' & bldrs.' matls., Andover, Ohio.
- Coulter & McKenzie Mach. Co., Bridgeport, Conn.
- Coulter Mfg. Co., shoe lasts, 325 Arch, Phila., Pa.
- Coulter, Norman R., architect, 46 Kearney, San Francisco, Cal.
- Coulter's Rattan Wrks., children's carriages, 1141 Sutter, San Francisco, Cal.
- Council Tool Co., Wananish, N. C.
- Counts, J. C., grain cradles, Prosperity, S. C.
- Coupe, Wm., Co., Ltd., textile machy., supplies, etc., South Attleboro, Mass.
- Couple-Gear Co., stor. battery trucks, Grand Rapids, Mich.
- Couple Gear Freight Wheel Co., Grand Rapids, Mich.
- Courbat, Geo. H., sash, door & blind mfrs., Mallory, N. Y.
- Courchesne, A., masons' & bldrs.' matls., El Paso, Tex.
- Courcade, Jos. N., & Sons, piano cases, 516 W. 24th, New York.
- Courtman, Walter F., archl. iron, West Hoboken, N. J.
- Courtney Mfg. Co., cotton sheetings, Newry, S. C.
- Courtney Co., masons' & bldrs.' matls., Charleston, W. Va.
- Courtney, D. S., Co., tex. machy., supplies (bobbins), Chicopee, Mass.
- Courtney Fire Brick Co., Monongahela, Pa.
- Courtney, W. J., Co., canned goods, Mundy Point, Va.
- Courtright & Whiting Supply Co., mill & fcty. supplies, Mobile, Ala.
- Courval & Co., lumber mfrs., Essexville, Mich.
- Couse & Bolten, belting mfrs., 44 Lafayette, Newark, N. J.
- Cousens & Pratt, yacht sails, Neponset, Boston, Mass.
- Cousins, H. A., Co., artificial marble, 524 W. 25th, New York.
- Cousins & Son Boiler Wks., 74 Wabash, Buffalo, N. Y.
- Coutant, A. K., sash, door & blind mfrs., Kingston, N. Y.
- Coutts, Thos., Co., contractor, stone producers, 3324 Smallman, Pittsburgh, Pa.
- Covel Machine Co., Fall River, Mass.
- Covel Mfg. Co., saw sharpening machines, Benton Harbor, Mich.
- Covel & Osborn Co., mill & fcty. supplies, Fall River, Mass.
- Covell, Lyman T., lumber, Whitehall, Mich.
- Covell, Wm. S., architect, 101 Park av, New York.
- Cover Canning Co., Easton, Md.
- Cover, H. S., goggle mfrs., South Bend, Ind.
- Cover Hardware Co., Lima, Ohio.
- Cover, Peter J., & Son, wholesale hardware, Meyersdale, Pa.
- Covert, H. N., Co., coal chutes, etc., 351 Lexington av, New York.
- Covert Mfg. Co., saddlery hardware, Troy, N. Y.
- Covert Motor Vehicle Co., auto axles, Lockport, N. Y.
- Covert Saddlery Wks., Interlaken, N. Y.
- Covert & Stewart, masons' & bldrs.' matls., Sharpsville, Pa.
- Covey & Dawson, canned goods, Barber, Md.
- Covey Durham Coal Co., charcoal, 431 S. Dearborn, Chicago, Ill.
- Covington Arch'l Iron Works, Covington, Ky.
- Covington Brick Co., Covington, Va.
- Covington Lbr. Co., Kent, Wash.
- Covington Machine Co., Covington, Va.
- Covington Milling Co., flour, Covington, Tenn.
- Covington Mills, shade cloth, Covington, Ga.
- Covington Multiple Drill Co., Covington, Ky.
- Covington, W. H., Co., turpentine, Belle Isle, Fla.
- Covington Woolen Mills, Covington, Ohio.
- Cowan, Andrew, & Co., belting mfrs., mill & factory & steam fitters' supplies, etc., 421 W. Main, Louisville, Ky.
- Cowan Building Co., 106 W. Madison, Baltimore, Md.
- Cowan, Edw., cornices, 175 Larned W., Detroit, Mich.
- Cowan, Jos. S., contractor, 419 4th av, Pittsburgh, Pa.
- Cowan Mfg. Co., closet seats, Fulton Bldg., Pittsburgh, Pa.
- Cowan Truck Co., Dorchester, Mass.
- Cowan Truck Co., Holyoke, Mass.
- Cowart, A. J., lumber, Colquitt, Ga.
- Cowden Brick & Tile Co., Lancaster, Ohio.
- Cowden & Co., masons' & bldrs.' matls., Harrisburg, Pa.
- Cowdery Coal Co., masons' & bldrs.' matls., Geneva Ohio.
- Cowdray, C. H., Machine Wks., builders of special machinery, Fitchburg, Mass.
- Cowdrick, Wm. J. S., contractor, Niagara Falls, N. Y.
- Cowe, Wm., architect, Mack blk., Denver, Colo.
- Coweeman Driving & Rafting Co., lumber, Kelso, Wash.
- Cowell, Arthur W., landscape architect, State College, Pa.
- Cowell & Bedeson, architects, Merced, Cal.
- Cowell, Henry, Lime & Cement Co., 2 Market, San Francisco, Cal.
- Cowell, Herbert, architect, 1 Jefferson, Joliet, Ill.
- Cowell, Levi, contractor, Marietta, Ohio.
- Cowell Portland Cement Co., 2 Market, San Francisco, Cal.
- Cowen, Chas. A., & Co., contractors, 30 E. 42nd, New York.
- Coweta Cotton Oil Mill, Newman, Ga.
- Coweta Fertilizer Co., Newman, Ga.
- Cowin, J. N., & Co., masons' & bldrs.' matls., Medford, Mass.
- Cowing Bros., bridge foundations, Crosby & Nickle Plate R. R., Collinswood, Cleveland, Ohio.
- Cowles, C., & Co., auto & carriage hdwe, lamps, etc., Water & Chestnut, New Haven, Conn.
- Cowles, Geo. S., architect, 8 Getty sq, Yonkers, N. Y.
- Cowles-Horan Whip Co., Westfield, Mass.
- Cowles, Louis, architect, Santa Rosa, Cal.
- Cowles & Mutscheller, architects, Saginaw, Mich.
- Cowles Shipyards Co., tow or tug boats, Buffalo, N. Y.
- Cowley, A. W., architect, Rookery Bldg., Spokane, Wash.
- Cowlitz Bridge Co., Yeon Bldg., Portland, Ore.
- Cowpens Mfg. Co., cotton sheetings, Cowpens, S. C.
- Cowper, John W., & Co., contractors, Fidelity Bldg., Buffalo, N. Y.
- Cox, A. F., architect, Chelan, Wash.
- Cox, A. F., & Son, shoe polishes, Portland, Me.
- Cox, A. G., buckwheat flour, Osseo, Wis.
- Cox, A. J., flour mills, Cleveland, Tenn.
- Cox, Abram, Stove Co., fndrs., American & Dauphin, Philadelphia, Pa.
- Cox Aero Wks., propellers, auto wheels, Bayonne, N. J.
- Cox Brass Mfg. Co., oxy-acetylene welding apparatus, Albany, N. Y.
- Cox Bros., contractors, 5th av & Lincoln way, San Francisco, Cal.
- Cox Bros. Co., wholesale hardware, West Union, W. Va.
- Cox, C. A., cornices & skylights, Savannah, Ga.
- Cox, C. E., Arrester Co., Eaton, Ohio.
- Cox, E. D., contractor, Minerva, Ohio.
- Cox, F. Fillmore, & Co., machy., Bayonne, N. J.
- Cox, Frederic E., architect, Council Bluffs, Ia.
- Cox, G. F., contractor, Norfolk, Va.
- Cox, G. W., stone producers, Osgood, Ind.
- Cox, Geo. S., & Bro., hair cloth mfrs., Cambria & Ornes, Philadelphia, Pa.
- Cox & Gordon, meat packers, 1019 S. 3d, St. Louis, Mo.
- Cox, I. G., & Bro., machsts., Paulsboro, N. J.
- Cox, Irving, architect, 15 William, New York.
- Cox, J. Elwood, textile mach. supplies, Highpoint, N. C.
- Cox, Jas. S., architect, Estherville, Ia.
- Cox, Jas. T., mill & fcty. supplies, Paterson, N. J.
- Cox, John, Jr., architect, 30 E. 42d, New York.
- Cox, John, & Son, masons' & bldrs.' matls., Vanceburg, Ky.
- Cox, Justice, Jr., & Co., pig iron dtrs., Land Title Bldg., Philadelphia, Pa.
- Cox Lime & Stone Co., Plymouth Meeting, Pa.
- Cox, R. E., brick cutters, East Liverpool, Ohio.
- Cox, S. S., Show Case Co., North Manchester, Ind.
- Cox & Sons Co., machinery mfrs., tanks, etc., Lafayette Bldg., Philadelphia, Pa.
- Cox & Stevens, naval architects, 15 William, New York.
- Cox & Stone, heating contrs., 74 Richmond, Providence, R. I.
- Cox, Thomas, & Son, machsts. & fndrs., Denver, Colo.
- Cox, Thos., & Sons Machy. Co., Little Rock, Ark.
- Cox, W. H., flour mills, Dover, Tenn.
- Cox, W. S., wholesale hardware, Silver City, N. M.
- Cox, Wm., architect, Bellingham, Wash.
- Cox, Wm. H., architect, 53 State, Boston, Mass.
- Coxhead & Coxhead, architects, Hearst Bldg., San Francisco, Cal.
- Coxhead, John H., architect, 928 Ellicott sq., Buffalo, N. Y.
- Cox's, C. A., Sons, masons' & bldrs.' matls., 2139 American, Philadelphia, Pa.



- Coxsackie Wheel & Mfg. Co., Coxsackie, N. Y.  
 Coy Paper Co., West Claremont, N. H.  
 Coyle, Chas. A., coal bags, Grand Rapids, Mich.  
 Coyle, Bartley, & Son, common brick, Easthampton, Mass.  
 Coyle Bros., contractors, Galveston, Tex.  
 Coyle, H. B., Iron Wks., 622 Filbert, Philadelphia, Pa.  
 Coyle, H. J., lbr. mfr., Clifford, La.  
 Coyle, Jos. S., architect, 622 Filbert, Philadelphia, Pa.  
 Coyne Bros. Varnish Co., N. 2d & Pike, Philadelphia, Pa.  
 Coyne & Delany Co., machsts. & fndrs. & water-closet tanks, 832 Kent av., Brooklyn, N. Y.  
 Coyne, Jas. A., contractor, Steubenville, Ohio.  
 Cozzens Heating & Const. Co., 1201 N. Vandeventer, St. Louis, Mo.  
 C. & P. Elec. Wks., inc. cut-outs, Springfield, Mass.  
 Crab Creek Lbr. Co., Byron, Wash.  
 Crabb, Jas., contractor, Wilmette, Ill.  
 Crabb, Robert, architect, 5607 Euclid av., Cleveland, Ohio.  
 Crabb, Wm., & Co., frame pins drawing, mill & facty. supplies, 3d av., cor. 4th, Newark, N. J.  
 Crabbe, S. F., architect, Fargo, N. D.  
 Crabill Hose Clamp Co., lawn sprinklers, Battle Creek, Mich.  
 Crabtree, Fremont R., architect, 2449 Grand av., Milwaukee, Wis.  
 Crabtree & Havey, granite, North Sullivan, Me.  
 Crabtree, Walter P., architect, New Britain, Conn.  
 Cracker, Baker, trade publications, 41 Park row, New York.  
 Craddeck, Edw. S., machsts., 226 E. 144th, New York.  
 Craddock, James H., architect, Continental Bldg., Omaha, Nebr.  
 Craemer, Fred, submarine divers, 1220 Beach, Philadelphia, Pa.  
 Craft Bros., canned goods, Springfield, Va.  
 Craft, J. Watson, masons' & bldrs.' matls., Ambler, Pa.  
 Crafton Lumber & Supply Co., Crafton, Pa.  
 Crafts, Arthur A., grinder tool mfr., 125 Summer, Boston, Mass.  
 Craftsman Bldg. Co., Comm. Bldg., St. Paul, Minn.  
 Craftsman Tool Co., Conneaut, Ohio.  
 Crager Wire & Iron Wks., Salt Lake City, Utah.  
 Cragg, H. C., Mfg. Co., machsts. & fndrs., 228 K. S. W., Washington, D. C.  
 Cragin, M. J., garbage disposal plants, 746 E. 43d, Chicago, Ill.  
 Crago's Practical Mach. Wks., Kansas City, Mo.  
 Craig Bros., boilers, heating contractors, Fargo, N. D.  
 Craig & Brown, cornices, 421 20th, Brooklyn, N. Y.  
 Craig, David, cleanouts, faucets, 70 Broad, Boston, Mass.  
 Craig, E. E., & Co., cornices & skylights, Ennis, Tex.  
 Craig, Forbes & Co., granite, Quincy, Mass.  
 Craig Fdry. Co., 42 Sanford, Brooklyn, N. Y.  
 Craig, Geo., & Sons, lumber mfrs., Morris Bldg., Phila., Pa.  
 Craig & Harris, stone producers, Galesburg, Ill.  
 Craig, J. C., architect, Kearns Bldg., Salt Lake City, Utah.  
 Craig, J. J., contractor, Covington, Ky.  
 Craig, Jas. A., contractor, E. E. Trust Bldg., Pittsburgh, Pa.  
 Craig, Jas., Engine & Machine Works, 807-814 Garfield av., Jersey City, N. J.  
 Craig, John J., architect, 53 State, Boston, Mass.  
 Craig, Jno. J., Co., marble prod., Knoxville, Tenn.  
 Craig, Jno. M., fndrs., Hartford, Conn.  
 Craig Mills, flour, New Castle, Va.  
 Craig Oil Co., Toledo, Ohio.  
 Craig Plastering Co., Odd Fellows Bldg., St. Louis, Mo.  
 Craig-Reynolds Fdry. Co., steam heaters, Dayton, Ohio.  
 Craig, S. Daley, architect, Petersburg, Va.  
 Craig, Samuel A., architect, Warsaw, Ind.  
 Craig & Schoffner Hardware Co., Nashville, Tenn.  
 Craig Shop, Ye, advtg. nov. & spec., Buffalo, N. Y.  
 Craig Stone Co., producers, Oliver Bldg., Pittsburgh, Pa.  
 Craig & Vrooman, cornices, Schenectady, N. Y.  
 Craig, W., & Son Canning Co., Roy, Utah.  
 Craighill, S. P., architect, People's Natl. Bk. Bldg., Lynchburg, Va.  
 Craigville Woolen Mfg. Co., woolen blankets, Craigville, Pa.  
 Crain, Jas. E., contractor, Logansport, Ind.  
 Crain, Jas. E., architect, Logansport, Ind.  
 Crain Pump & Lbr. Co., 623 Arch, Philadelphia, Pa.  
 Cram & Ferguson, architects, 15 Beacon, Boston, Mass.; Scanlon Bldg., Houston, Tex., & 33 W. 42d, New York.  
 Cram, Frank, & Sons masons' & bldrs.' matls., Des Moines, Ia.  
 Cram, Geo. F., Co., maps, atlases, 107 N. Market, Chicago, Ill.  
 Cramer, Augustus, contractor, Atlantic City, N. J.  
 Cramer Bros., cornices & skylights, Grant's Pass, Ore.  
 Cramer-Force Co., paper bags, Rochester, N. Y.  
 Cramer, G., Dry Plate Co., Shenandoah & Lemp avs., St. Louis, Mo.  
 Cramer, Geo., cornices & skylights, Niles, Ohio.  
 Cramer, Philip L., contractor, 713 Euclid av., Pittsburgh, Pa.  
 Cramer & Sherr, trav. bags & suit cases, 24 S. Frost, Phila., Pa.  
 Cramer, Stuart W., mill & facty. supplies, Charlotte, N. C.  
 Cramer, Thomas, Co. whol. hardware, North Tonawanda, N. Y.  
 Cramer, W. F., canned goods, Gasport, N. Y.  
 Cramp & Co., contractors, Denckla Bldg., Philadelphia, Pa.  
 Cramp, Wm., & Sons Ship & Engine Bldg. Co., Philadelphia, Pa.  
 Crampton-Farley Brass Co., valves, drams, etc., 221 Main, Kansas City, Mo.  
 Crampton, I. E., & Son Canning Co., Celina, Ohio.  
 Crampton & Son, boilers, Covington, Ohio.  
 Cranberry Furnace Co., blast, Johnson City, Tenn.  
 Crancer Hardware Co., Leavenworth, Kans.  
 Cranch Hill Granite Wks., Quincy, Mass.  
 Crandal, Stone & Co., carriage & automobile hardware, Binghamton, N. Y.  
 Crandall, A. I., architect, Lebanon, Ore.  
 Crandall Bros., faucets (wood), N. Kingsville, Ohio.  
 Crandall & Brown, lumber mfrs., 3300 S. Racine av., Chicago, Ill.  
 Crandall, C. J., architect, The Dalles, Ore.  
 Crandall Can Filler Mach. Co., Buffalo, N. Y.  
 Crandall Carriage Co., 593 3d av., New York.  
 Crandall, Chas. F., architect, E. & B. Bldg., Rochester, N. Y.  
 Crandall, Chas. H., architect, Burlington, Vt.  
 Crandall, E. V., Oil & Putty Mfg. Co., 1105 Metropolitan av., Brooklyn, N. Y.  
 Crandall Eng'ng Co., dry docks, 102 Border, E. Boston, Mass.  
 Crandall, G. H., Co., sash, door & blind mfrs., Cohoes, N. Y.  
 Crandall, J. E., masons' & bldrs.' matls., Ripley, N. Y.  
 Crandall Packing Co., asbestos gaskets, Palmyra, N. Y.  
 Crandall Panel Co., Brockton, N. Y.  
 Crandall Pettie Co., oven bldrs., 135 Hudson, New York.  
 Crandell, W. W., flour mills, Brownsville, Tenn.  
 Crandon Mfg. Co., thermostats, Portland, Me.  
 Crane & Breed Mfg. Co., automobile bldrs, caskets, undertakers' supplies, 1227 W. 8th, Cincinnati, Ohio.  
 Crane Bros., cornices & skylights, Machias, Me.  
 Crane Bros., paper & pulp mills, Westfield, Mass.  
 Crane Bros., silk thread, Kingston, Pa.  
 Crane, C., & Co., lumber mfrs., 1739 Eastern av., Cincinnati, O.  
 Crane, C. Howard, architect, Dime Bk. Bldg., Detroit, Mich.  
 Crane, Chas. D., architect, 606 Farwell av., Milwaukee, Wis.  
 Crane Co., automobile tools, Allston, Mass.  
 Crane Co., gas, steam & water fittings; oil, gas well & plumbers' supplies, etc., 836 S. Michigan av., Chicago, Ill.  
*For list of branch offices see adv index at end of book.*  
 Crane & Co., paper & pulp mills, Dalton, Mass.  
 Crane, F. H., & Sons, masons' & bldrs.' matls., Quincy, Mass.  
 Crane Felt Mfg. Co., Belvidere, N. J.  
 Crane, Floyd H., sash, door & blinds, Passaic, N. J.  
 Crane, Fred M., & Co., contractors, Omaha, Nebr.  
 Crane, Geo. E., architect, 4568 Jamaica av., Richmond Hill, N. Y.  
 Crane Glass & Mfg. Co., 206 St. Clair av., Cleveland, Ohio.  
 Crane-Hamel Hardware Co., Yazoo City, Miss.  
 Crane Iron Wks., blast furnaces, Catasauqua, Pa.  
 Crane-Kreig Hardware Co., Newark, Ohio.  
 Crane, L. M., & Co., lubrg. oils, 91 Oliver, Boston, Mass.  
 Crane, M. H. (Est. of), htg. contrs., 189 W. Madison, Chicago, Ill.  
 Crane & MacMahon, carriage & wagon wheels, shafts, etc., 10 Bridge, New York.  
 Crane Mfg. Co., textile machy. supplies, etc., Lakeport, N. H.  
 Crane Mfg. Co., wall safes & vaults, Galesburg, Ill.  
 Crane, Marcus S., lbr., Caldwell, N. J.  
 Crane & Milligan, mill & facty. supplies, 54 Mechanic, Newark, N. J.  
 Crane & Ordway, mill & facty., plumbers' & steamfitters' supplies, St. Paul, Minn.  
 Crane Oxygen Wks., 2 W. 90th, New York.  
 Crane, P. D., Co., clamps & masons' & bldrs.' matls., 1022 Meech av., Cleveland, Ohio.  
 Crane Puller Co., wheel & gear pullers & attachments mfrs., Arlington, Mass.  
 Crane, Theodore, architect, 15 W. 38th, New York.  
 Crane-Veeder Co., masons' & bldrs.' matls., Schenectady, N. Y.  
 Crane, W. B., & Co., ties, poles & posts, 913 W. 22d, Chicago, Ill.  
 Crane, W. & D. G., Co., lbr., Burlington, Vt.  
 Crane, W. F., & Co., high-pressure piping, 149 B'way, New York.  
 Crane, W. M., Co., stove mfrs., 16 W. 32d, New York.  
 Crane, W. T., Carriage Hdwe. Co., 165 Mulberry, Newark, N. J.  
 Crane, Z. & W. M., paper & pulp mills, Dalton, Mass.  
 Craner, Jno. H., architect, Conestoga Bldg., Pittsburgh, Pa.  
 Crane's, T. A., Sons Co., machsts. & fndrs & ship bldrs., ft. Columbia, Brooklyn, N. Y.  
 Craney & Spaulding, brick, Kenosha, Wis.  
 Cranford, Chas., contractor, 186 Remsen, Brooklyn, N. Y.  
 Cranford Co., contractor, 52 9th, Brooklyn, N. Y.  
 Cranford Const. Co., cement piles, Gerke Bldg., Cincinnati, Ohio.  
 Cranford Paving Co., 2620 E. N. W., Washington, D. C.  
 Cranmer, H. A., & Sons, masons' & bldrs.' matls., Monroeton, Pa.  
 Crannell, Francis F., Lumber Co., Albany, N. Y.  
 Cranska Thread Co., Worcester, Mass.  
 Cranston, John A., Lbr. Co., 109 King, Wilmington, Del.  
 Cranston, T. H., & Co., wholesale hdwe., 56 E. Randolph, Chicago, Ill.  
 Cranston Worsted Mills, harness twine, Bristol, R. I.  
 Crapper, Hedley, contractors, 5839 Ellsworth, Pittsburgh, Pa.  
 Crary, C. S., Co., canned goods, Streator, Ill.  
 Crary Machine Wks., Benton Harbor, Mich.  
 Crauder, Hy., brick, Germantown, Ohio.  
 Craun Bros., fire extinguishers, fly killers, Butler, Ind.  
 Craven Chemical Co., Newbern, N. C.  
 Craven Fdry. & Mach. Co., Newbern, N. C.  
 Craven & Lang, contractors, Hibernia blk, New Orleans, La.  
 Craven Lbr. Co., Dallas, Tex.  
 Cravenette Glove Mfg. Co., 55 Woodbridge, Detroit, Mich.  
 Craver, J. C., & Co., canned goods, Marumseo, Md.



- Craw, Wm., Mfg. Co., toys, games & nov., S. Norwalk, Conn.  
 Crawford, Archie, contractor, Port Huron, Mich.  
 Crawford Automobile Co., Hagerstown, Md.  
 Crawford, Benjamin F., architect, Ellenburg, Wash.  
 Crawford Boiler & Locomotive Works, Birmingham, Ala.  
 Crawford Cedar Co., lber, ties, poles & posts, Menominee, Mich.  
 Crawford Co., steam fitters' supplies, 846 S. Canal, Chicago, Ill.  
 Crawford, D. F., Co., Ltd., contrs., 603 5th av, Pittsburgh, Pa.  
 Crawford, Daniel, Jr., contractor, 701 N. 63d, Philadelphia, Pa.  
 Crawford, F. S., architect, 18 Adams av. Endicott, N. Y.  
 Crawford, L. M., Asbestos Co., asbestos pipe coverings, 1901 Clay, Denver, Colo.  
 Crawford, Leon W., archt., Odd Fellows Hall, Wilmington, Del.  
 Crawford Lumber Co., sash, door & blind, Jacksonville, Ill.  
 Crawford & McCrimmon Co., machsts. & fndrs., Brazil, Ind.  
 Crawford, McGregor & Canby Co., golf clubs, Dayton, Ohio.  
 Crawford Mfg. Co., lumber, Menominee, Mich.  
 Crawford Mfg. Co., machsts., New Brunswick, N. J.  
 Crawford, P. R., & Son, htg. contrs., Williamson Bldg., Cleveland, Ohio.  
 Crawford Plumbing Mill Supply Co., Winston-Salem, N. C.  
 Crawford, Samuel, & Sons, lumber, Cedar River, Mich.  
 Crawford Supply Co., steam fitters' supplies, Bucyrus, Ohio.  
 Crawford & Tyler, unions, North Dana, Mass.  
 Crawford, W. M., & Co., contrs., 80 9th S., Minneapolis, Minn.  
 Crawford, Wm., contractors, 5 E. 42d, New York.  
 Crawford, Wm. (Est. of), stone producers, Newburgh, N. Y.  
 Crawfordville Casket Co., Crawfordville, Ind.  
 Crawfordville Corrugated Culv. Co., Crawfordville, Ind.  
 Crawfordville Ginning & Fertilizer Co., Crawfordville, Ga.  
 Crawfordville Hardware Co., Crawfordville, Ind.  
 Crawfordville Shale Brick Co., Crawfordville, Ind.  
 Crawfordville Wire Nail Co., Crawfordville, Ind.  
 Crawley, A. B., flour mills, Gladys, Va.  
 Crawley Book Machy. Co., Newport, Ky.  
 Crawn Bros., flour mills, North River, Va.  
 Crawshaw, J. M., machsts. & fndrs., Auburn, Me.  
 Cray Bros., carriage & wholesale hdwe., 1111 W. 11th, Cleveland, Ohio.  
 Craycroft-Herrold Brick Co., Fresno, Cal.  
 Craycroft Oil Co., 42 B'way, New York.  
 Craycroft & Son, machsts. & fndrs., Vandalia, Ill.  
 Crayen, G. A. & Co., magnalium, 81 New, New York.  
 Creager, H. A., architect, 1834 Jefferson av, Grand Rapids, Mich.  
 Creaghead Engng. Co., arc lamp insulators, & electric railway supplies, 340 Main, Cincinnati, Ohio.  
 Cream City Bedding Co., 3200 Fond du Lac av, Milwaukee, Wis.  
 Cream City Boiler Co., 37th av & Lapham, Milwaukee, Wis.  
 Cream City Can Wks., 241 Oregon, Milwaukee, Wis.  
 Cream City Casket Co., 490 Ewd., Milwaukee, Wis.  
 Cream City Fndry. Co., 15th & Oklahoma av, Milwaukee, Wis.  
 Cream City Net Co., hammock mfrs., 1076 Grove, Milwaukee, Wis.  
 Cream City Sand Co., 601 Edison, Milwaukee, Wis.  
 Cream City Sash & Door Co., 601 Park, Milwaukee, Wis.  
 Cream of Wheat Co., 5th & 1st av N., Minneapolis, Minn.  
 Creamer, F. D., & Co., masons' & bldrs.' matls., 26 Court, Brooklyn, N. Y.  
 Creamer, W. G., & Co., hdwe., castings, 96 John, New York.  
 Creamery Package Mfg. Co., agricultural implements, 61 W. Kinzie, Chicago, Ill.  
 Creamery Supply Mfg. Co., creamery machy., Clinton, Wis.  
 Creamo Specialty Co., soap, Fairport, N. Y.  
 Creditors' Mercantile Guide, trade publication, 37 Liberty, New York.  
 Cree, D. W., camp stoves, Greggsville, Ill.  
 Cree, J. A., machinist, Utica, Ohio.  
 Creech & Walker Constr. Co., Aberdeen, Wash.  
 Creed, W. R., & Co., lbr., 1 Madison av, New York.  
 Crendon, Michael, contractor, Dobbs Ferry, New York.  
 Creepcheck Co., anti-rail creepers, 81 Fulton, New York.  
 Creeth & Kennedy, architects, 408 S. Spring, Los Angeles, Cal.  
 Crefeld Waste & Batting Co., Saylesville, R. I.  
 Creger, Edwin F., architect, 107 W. High, Springfield, Ohio.  
 Crehore, Chas. F., & Son, paper & pulp mills, 87 Milk, Boston, Mass.  
 Creighton, Jas. A., & Co., lime, Thomaston, Me.  
 Creighton & McDonald, architects, Phoenix, Ariz.  
 Creitz, W. A., Co., flour mills, Cambridge City, Ind.  
 Crelin, C. V., machinist, Los Angeles, Cal.  
 Cremering Bros., corn brooms, 216 W. Pearl, Cincinnati, Ohio.  
 Cremo Milk Co., Valley Ford, Cal.  
 Cremoline Disinfecting Co., 2224 Washington av, St. Louis, Mo.  
 Crenshaw, C. G., Constructing Co., Woodward Bldg., Birmingham, Ala.  
 Crenshaw-Gary Lbr. Co., Memphis, Tenn.  
 Creosoted Wood-Block Paving Co., wood block paving contrs., Q. & C. Bldg., New Orleans, La.  
 Creque, Josiah, cornices, Jackson, Mich.  
 Crerar, Adams & Co., mill & facty. supplies, 259 E. Erie, Chicago, Ill.  
 Crescent Art Metal Co., electric & gas light fixtures, Bridgeton, N. J.  
 Crescent Bed Co. (Ltd.), machsts. & fndrs., New Orleans, La.  
 Crescent Belt Fastener Co., belt fastener mfrs., 381 4th av, New York.  
 Crescent Bottle Co., McDonald, Pa.  
 Crescent Brass Mfg. Co., machsts. & fndrs., & shade holders, 8410 Lake av, Cleveland, Ohio.  
 Crescent Brass Mfg. Co., Reading, Pa.  
 Crescent Brass & Pin Co., 1150 Trumbull, Detroit, Mich.  
 Crescent Brick Co., Red Bank, N. J.  
 Crescent Brush Wks., Troy, N. Y.  
 Crescent Burner Mfg. Co., 116 E. 27th, New York.  
 Crescent Chemical Co., Philadelphia, Pa.  
 Crescent City Carbonate Co., Celeste & Religious, New Orleans, La.  
 Crescent City Machine & Mfg. Works, 628 Tchoupitoulas, New Orleans, La.  
 Crescent City Mfg. Co. (Ltd.), sash, door & blind, Montagut & Marais, New Orleans, La.  
 Crescent Color & Chemical Wks., 59th & 11th av, New York.  
 Crescent Co., bathing suits, sweaters, etc., 53 E. 21st, New York.  
 Crescent Co., contractors, St. Petersburg, Fla.  
 Crescent Concrete Co., Erie Co. Bk. Bldg., Buffalo, N. Y.  
 Crescent Cotton Oil Co., Memphis, Tenn.  
 Crescent Electric & Mfg. Co., knife switches, 3515 Penn av, Pittsburgh, Pa.  
 Crescent Emery-Corundum Wheel Co., Indianapolis, Ind.  
 Crescent Feather Co., 19th & Harrison, San Francisco, Cal.  
 Crescent Felt Mattress Co., Hagen av, New Orleans, La.  
 Crescent Fire Arms Co., machsts. & fndrs., Norwalk, Conn.  
 Crescent Flexible Armour Co., rubber hose, Trenton, N. J.  
 Crescent Forge & Shovel Co., Havana, Ill.  
 Crescent Fndry. Co., Rochester, N. Y.  
 Crescent Glass Co., lantern globes & tumblers, Wellsburg, W. Va.  
 Crescent Insulated Wire & Cable Co., Trenton, N. J.  
 Crescent Iron Works, Coalinga, Cal.  
 Crescent Leather Goods Co., 16 W. 19th, New York.  
 Crescent Linseed Oil Wks., lubrg. oils, 927 Blackhawk, Chicago, Ill.  
 Crescent Lumber Co. (Ltd.), New Orleans, La.  
 Crescent Machine Co., wood working, Leetonia, Ohio.  
 Crescent Mach. Wks., South Bend, Ind.  
 Crescent Mfg. Co., bank fix, coffee mills, lawn swings, etc., Louisville, Ky.  
 Crescent Mfg. Co., carving & kitchen knives, etc., Fremont, O.  
 Crescent Mfg. Co., heel plates, Richmond, Va.  
 Crescent Mfg. Co., plastering trowels, 129 Reade, New York.  
 Crescent Mfg. Co., lubrs., machsts. & fndrs., etc., Scottdale, Pa.  
 Crescent Mill & Elevator Co., Denver, Colo.  
 Crescent Milling Co., Cynthiana, Ky.  
 Crescent Milling Co., flour, Fairfax, Minn.  
 Crescent Novelty Mfg. Co., 703 S. B'way, St. Louis, Mo.  
 Crescent Oil Co., lubrg. oils, 602 W. Pratt, Baltimore, Md.  
 Crescent Oil Co., lubrg., Indianapolis, Ind.  
 Crescent Oil Co., 30 Church, New York.  
 Crescent Oil & Supply Co., 303 Main, St. Louis, Mo.  
 Crescent Paper Co., Marseilles, Ill.  
 Crescent Paper & Machine Co., Phoenix, New York.  
 Crescent Pk. Brass Fndry., Waltham, Mass.  
 Crescent Pavement Co., Erie Co. Bk. Bldg., Buffalo, N. Y.  
 Crescent Phosphorized Metal Co., 2314 Wood, Philadelphia, Pa.  
 Crescent Planing Mill Co., 3227 N. 9th, St. Louis, Mo.  
 Crescent Roller Mills Co., flour, Taylorsville, Ky.  
 Crescent Soap Co., 519 W. McCarthy, Indianapolis, Ind.  
 Crescent Stone Co., Bloomington, Ind.  
 Crescent Stove & Mfg. Co., Lehigh, Pa.  
 Crescent Stove Wks., Evansville, Ind.  
 Crescent-Talking Mach. Co., 89 Chambers, New York.  
 Crescent Tool Co., machsts. & fndrs., 1761 Reading, Cincinnati, Ohio.  
 Crescent Tool Co., pliers, wrenches, etc., Jamestown, N. Y.  
 Crescent Tool Mfg. Co., 1002 Cass av, St. Louis, Mo.  
 Crescent Trunk Co., Ltd., 311 Girard, New Orleans, La.  
 Crescent Window Glass Co., Weston, W. Va.  
 Cresol Chemical Co., camphor, 8 Van Buren, Brooklyn, N. Y.  
 Creson, Robt. F., contractor, Builders' Exch., Memphis, Tenn.  
 Cresskill Lumber Co., Cresskill, N. J.  
 Cressman & Mauser, masons' & bldrs.' matls., Bath, Pa.  
 Cressman, N. C., Co., mill & facty. & steam fitters' supplies, Drexel Bldg., Philadelphia, Pa.  
 Cresson-Morris Co., machsts. & fndrs., 18th & Allegheny, Philadelphia, Pa.  
 Cressona Powder Co., Pottsville, Pa.  
 Cressy, Walter, contractor, Gloucester, Mass.  
 Crest Chemical Co., disinfectants, shingle stains, varnish, etc., Seattle, Wash.  
 Crestline Mfg. Co., pumps, Crestline, Ohio.  
 Creston Milling Co., flour, Creston, Wash.  
 Creston Roller Mills, Creston, N. C.  
 Creswell Fruit & Vegetable Growers' Assn., canned goods, Creswell, Ore.  
 Creswell, S. J., Iron Works, iron fndrs. & structural iron work, 23d & Cherry, Philadelphia, Pa.  
 Creswell, T. B., contractor, Saginaw, Mich.  
 Creta Creme Co., soap powders, 520 W. 27th, New York.  
 Crete Mills, flour, Crete, Nebr.  
 Cretors, C., & Co., coffee roasters, 620 W. 22d, Chicago, Ill.  
 Cretors, J. B., aprons (buggy), St. Paris, Ohio.  
 Creutzer, J. A., architect, N. Y. Bldg., Seattle, Wash.  
 Creveing, Whitfield, contractor, Newburgh, N. Y.



- Crew, Levick, Co., oil mfrs., Land Title Bldg., Philadelphia, Pa.  
 Crewe Roller Mills, flour, Crewe, Va.  
 Crex Carpet Co., 1134 B'way, New York.  
 Cribben & Sexton Co., fndrs., 680 N. Sacramento blvd, Chicago, Ill.  
 Crichton, Alex. F., jute twine & yarn, 16th & Railroad av, Wilmington, Del.  
 Crichton-Curl Enamel Co., enam. iron signs, Ellwood City, Pa.  
 Crickenberger, W. P., flour mills, New Market, Va.  
 Crider, E. I., & Son, camp stoves, Silex, Me.  
 Crider, P. B., & Son, lumber, Bellefonte, Pa.  
 Cridland, Robt. B., landscape architect, Bailey Bldg., Phila., Pa.  
 Crie, H. H., & Co., wholesale hardware & mill & factory supplies, Rockland, Me.  
 Crigler & Crigler Co., distillers, Covington, Ky.  
 Crilly, Wm. M., Co., contractors, 35 S. Dearborn, Chicago, Ill.  
 Crim, C. M., & Son, lumber, Salem, Ind.  
 Crim, W. H., Jr., architect, 425 Kearney, San Francisco, Cal.  
 Crimmins, Thos., Contr. Co., 444 E. 69th, New York.  
 Cripple Creek Mine & Supply Co., Cripple Creek, Colo.  
 Crisp, Herbert G., architect, 2709 St. Paul, Baltimore, Md.  
 Crisp, Jas., & Co., belting mfrs., Bloomfield, N. J.  
 Crisp, John, & Sons, contractors, Akron, Ohio.  
 Crissey & Fowler Lumber Co., Colorado Springs, Colo.  
 Cristan Constr. Co., Durham, N. C.  
 Cristy, Edward Buxton, architect, Albuquerque, N. M.  
 Critchley Mach. Screw Co., Worcester, Mass.  
 Criterion Slate Co., columns, mantels—marbleized slate—Hydenville, Vt.  
 Crites, F. H., contrs., 2136 Bellevue av, Kansas City, Mo.  
 Crittenden Guano Co., Shellman, Ga.  
 Crittenden Lbr. Co., Providence, R. I.  
 Crivel, Geo. F., & Co., fndry. facings & supplies, Buffalo, N. Y.  
 Crivitz Pulp & Paper Co., Crivitz, Wis.  
 Croake, James J., contractor, 2927 Fullerton av, Chicago, Ill.  
 Crobaugh & Dahm Hardware Co., whol. hdwe., masons' matls. & plumbers' supplies, Tiffin, Ohio.  
 Croce Auto Co., Asbury Park, N. J.  
 Crocker Bros., pig iron & coke dlr., etc., 42d & Madison av, New York.  
 Crocker, Burbank & Co., paper mills, Fitchburg, Mass.  
 Crocker Chair Co., Sheboygan, Wis.  
 Crocker, Frank, architect, German Am. Bk. Bldg., St. Joseph, Mo., & Grand Island, Neb.  
 Crocker, H. S., & Co., architects' instruments, 565 Market, San Francisco, Cal.  
 Crocker, Harry, contractor, Saratoga Springs, N. Y.  
 Crocker, L. O., Jr., conductors' ticket punches, East Braintree, Mass.  
 Crocker-McElwain Co., paper & pulp mills, Holyoke, Mass.  
 Crocker & Ogden Co., who. hdwe., Binghamton, N. Y.  
 Crocker-Wheeler Co., dynamo & motor mfrs., Bayonne, N. J.  
 Crocker-Wheeler Co., elec. disc fans, etc., Ampere, N. J.  
 Crockett, D. B., Co., paint mfrs., Bridgeport, Conn.  
 Crockett, F. A., brick, East Dover, Me.  
 Crockett Lbr. Co., Fourth Nat'l Bank Bldg., Atlanta, Ga.  
 Crockett Lumber & Pile Co., Norfolk, Va.  
 Crockett, W. & W. F., contractors, 306 E. 59th, New York.  
 Crockwell Mine & Mill Supply Co., New Bk. Com. Bldg., St. Louis, Mo.  
 Crofoot Gear Works, medium & small gears in large quantities, mfrs. of, 31 Ames, Cambridge, Mass.  
 Croft & Boerner, architects, 1st Nat'l Bk. Bldg., Duluth, Minn.  
 Croft, Stephen P., contractor, 587 49th, Milwaukee, Wis.  
 Croft, T. E., ties, poles, etc., Trilby, Fla.  
 Crofts & Reed Co., soap, 421 N. Western av, Chicago, Ill.  
 Croke, Anderson & Sunderland, archit's, 37 Liberty, New York.  
 Croley, Geo. H., Co., incubators, 631 Brannan, San Fran., Cal.  
 Croll, Geo. L., contractor, Rosemont, Pa.  
 Crombie, W. M., & Co., lbr., 81 New, New York.  
 Crompton & Knowles Loom Works, makers of looms for every known weave of fabric, Grand & Tainter, Worcester, Mass.  
 Cromwell, J. J., architect, Walsh av, Brooklyn, N. Y.  
 Cromwell, R. A., Mfg. Co., soap, metal polish, etc., 303 E. 29th, New York.  
 Cromwell, W. F., machsts. & fndrs., Bedford, Pa.  
 Cron, L. C. & W. L., Co., knocked down furniture, Piqua, Ohio.  
 Cron, Wm., Sons Co., carriages, Celina, Ohio.  
 Cronan's Cornice Works, 718 Natoma, San Francisco, Cal.  
 Crone, A. W., & Sons, contractors, 498 Central av, Jersey City, N. J.  
 Crone, Daniel A., architect, Oliver Bldg., Pittsburgh, Pa.  
 Crone, F. G., burners, 334 Genesee, Buffalo, N. Y.  
 Crone, J. W., architect, Winchester, Ky.  
 Cronenberg, L., & Sons, sash, door & blind mfrs., Mount Vernon, N. Y.  
 Cronin, Barth S., Co., contractors & dock bldrs., 573 Clinton, Brooklyn, N. Y.  
 Cronin, D. E., contractor, Waterbury, Conn.  
 Cronin, Daniel G., cornices & skylights, Morris, Ill.  
 Cronin, Jno. P., mill & facty. supplies, Paterson, N. J.  
 Cronin, M. F., horse collars, 369 Pearl, New York.  
 Cronin & Meredith, contractors, Richmond, Ind.  
 Cronin, P. J., Co., harness, saddles, etc., Portland, Ore.  
 Cronin, Thos., Co., contractors, S. 17th & Muriel, Pitts'gh, Pa.  
 Croninger Packing Co., meat packers, Shamokin, Pa.  
 Cronise Bros., canned goods, Nace, Va.  
 Cronk & Carrier Mfg. Co., hardware specialties, Elmira, N. Y.  
 Cronk, Charles E., architect, Herkimer, N. Y.  
 Cronk, F. S., Co., machsts. & fndrs., Waxahachie, Tex.  
 Cronk, Horace L., musical instru. strings, Battle Creek, Mich.  
 Cronk Mfg. Co., sash, door & blind mfrs., New Brunswick, N. J.  
 Cronkrite, L. R., corn brooms, Williamsport, Pa.  
 Crono Pulp & Paper Co., sulphite, manila & specialties, Bangor, Me.  
 Crook, A. M., & Son, mill & facty. supplies, Trenton, N. J.  
 Crook-Horner Supply Co., mill & facty. & plumbers' supplies, 11 Bladerson, Baltimore, Md.  
 Crook, J. A., contractor, Los Angeles, Cal.  
 Crook, Kries Co., machsts. & fndrs., 28 Light, Baltimore, Md.  
 Crook Son & Co., handles, Hicksville, Ohio.  
 Crooke Htg. & Vent. Co., 97 Warren, New York.  
 Crooke, Jno. J., Co., tin foil, 68 William, New York.  
 Crooker, B. I., Co., Builders Exchange, Buffalo, N. Y.  
 Crooks, F. McC., architect, Century Bldg., Pittsburgh, Pa.  
 Crooks & McLean Co., marble producers, Carthage, N. Y.  
 Crooks Pattern Works, 955 Cleveland av, Columbus, Ohio.  
 Crooks, R. E., architect, Lancaster, Ohio.  
 Crooks, W. D., & Sons, hard wood doors, Williamsport, Pa.  
 Crookston Brick & Tile Co., Crookston, Minn.  
 Crookston Lumber Co., First National Soo Line Bldg., Minneapolis, Minn.  
 Crookston Mfg. Co., agricultural implements, Crookston, Minn.  
 Crookston Milling Co., flour, Crookston, Minn.  
 Crookston Tool Co., Crookston, Minn.  
 Crookston, W. H., & Bro., pipe joint cement, 2449 3d av, New York.  
 Crooksville China Co., Crooksville, Ohio.  
 Crooksville Pottery Co., Crooksville, Ohio.  
 Cropp, A. J., & Co., concrete mixers, 1721 W. Grand, Chicago, Ill.  
 Cropsey & Mitchell, sash, door & blind mfrs., Bay 35th, Brooklyn, N. Y.  
 Crosbie, R. L., cornices & skylights, Ogden, Utah.  
 Crosby, B. F., & Co., contractors, 111 Moore, Lowell, Mass.  
 Crosby Bros. Co., lumber, Arrowsic, Me.  
 Crosby, C. P., lumber, Rhinelander, Wis.  
 Crosby Co., sheet metal stamping, bicycle parts & sundries, etc., 183 Pratt, Buffalo, N. Y.  
 Crosby & Co., stove pipe enamels, Detroit, Mich.  
 Crosby, D., & Son, cat boats, Osterville, Mass.  
 Crosby, G., Fred, architect, 110 Tremont, Boston, Mass.  
 Crosby, G. R., & Sons, contractors, Beverly, Mass.  
 Crosby, H. B., architect, 1st Nat'l Bk. Bldg., Paterson, N. J.  
 Crosby, H. W., Contr. Co., 4048 Evans av, St. Louis, Mo.  
 Crosby, L., & Son Const. Co., contrs., Massachusetts Bldg., Kansas City, Mo.  
 Crosby Mfg. Co., carriages (children's), Frenchtown, N. J.  
 Crosby Steam Gauge & Valve Co., steam specialties mfrs., 40 Central, Boston, Mass.  
 Crosby, W. S., architect, 179 W. Washington, Chicago, Ill.  
 Crosby, Walter W., efficiency engrs., Munsey Bldg., Baltimore, Md.  
 Crosby, Wilton, cat boats, Osterville, Mass.  
 Crose, Jas., contrs., Racine, Wis.  
 Crosfield, W., wood handles, Berkeley, W. Va.  
 Crosier, Geo. P., architect, White Plains av & 223d, New York.  
 Crosier, Perry E., architect, Plymouth Bldg., Minneapolis, Minn.  
 Crosman, G. A., & Sons Co., box shooks, Deering Jct., Portland, Me.  
 Cross, A. P., contractor, Mer. Trust Bldg., Los Angeles, Cal.  
 Cross, A. T., fountain pen mfrs., 53 Warren, Providence, R. I.  
 Cross Anchor Oil Mill, meal, Cross Anchor, S. C.  
 Cross Bros., cornices, 2330 Woodward, Detroit, Mich.  
 Cross Bros. Co., cutters' granite bldg. wk., Northfield, Vt.  
 Cross Bros. & Co., mill & facty. supplies, Rochester, N. Y.  
 Cross, C. C., & Son, architects, Santa Monica, Cal.  
 Cross, Clarence L., lbr., Monadnock Bldg., Chicago, Ill.  
 Cross & Cross, architects, 681 5th av, New York.  
 Cross, E. C., & Son, meat, Salem, Ore.  
 Cross, E. J., Co., contractors, 82 Foster, Worcester, Mass.  
 Cross, E., & Son, Co., contractors, dock bldrs., Portsmouth, Va.  
 Cross Engng. Co., steel struct. wk., Carbondale, Pa.  
 Cross Gear & Engine Co., Detroit, Mich.  
 Cross, Harold, architect, 123 S. Dillon, Los Angeles, Cal.  
 Cross, M. C., architect, Tulsa, Okla.  
 Cross Paper Feeder Co., machy., 185 Summer, Boston, Mass.  
 Cross & Parham, machsts. & fndrs., Sidell, Ill.  
 Cross Press & Sign Co., machsts., 1508 Dayton, Chicago, Ill.  
 Cross, W. D., machst. & fdr., Geneva, Ind.  
 Cross, W. W., & Co., insulated staples, tacks, etc., Brockton, Mass.  
 Cross, Wm. H., metal polish, 35 Warren, New York.  
 Crossan Constr. Co., Land Title Bldg., Philadelphia, Pa.  
 Crossan, Miner & Frees, lumber, Coffey, Mo.  
 Crossep, I. O., boiler compounds, 24 California, San Fran., Cal.  
 Crossett Lumber Co., Crossett, Ark.  
 Crossington Knitting Mills, sweaters, etc., 243 Ashmead, Gtn. Philadelphia, Pa.  
 Crossley, G. R., lbr., 11 William, New York.  
 Crossley Machine Co., State & Chestnut, Trenton, N. J.  
 See adv index at end of book.  
 Crossley, R. J., stone prod., Lithonia, Ga.  
 Crossman Co., clays, South Amboy, N. J.  
 Crossman Tack Co., Dighton, Mass.  
 Crossroads Canning Co., Berkeley Springs, W. Va.



- Crosta Bros., cornices & skylights, Denver, Colo.  
 Crosta, Edward A., contractor, Atlantic City, N. J.  
 Crosswell, John, contractor, Wellesley Hills, Mass.  
 Crotch Island Granite Co., 26 Cortland, New York.  
 Crothersville Canning Co., Seymour, Ind.  
 Croton Chemical Co., 14 Cedar, New York.  
 Croton Mfg. Co., brass tubing, Croton of Hudson, N. Y.  
 Crotty, J. J., & Co., machsts., Parkersburg, W. Va.  
 Crouch Bros. Co., flour mills, Erie, Pa.  
 Crouch, E. M., contractor, Oil City, Pa.  
 Crouch, Geo. F., naval architect, 2511 Sedgwick av, New York.  
 Crouch Lumber & Construction Co., Trinidad, Colo.  
 Crough & Fitzgerald, trunks, etc., 177 B'way, New York.  
 Crough, Geo. F., & A. W., naval architects, 2411 Sedgwick av, New York.  
 Crouse Clay Products Co., Akron, Ohio.  
 Crouse-Hinds Co., electrical goods, lamp cord adjusters & burglar alarms, Syracuse, N. Y.  
 Crouse, Ira R., contractor, Perth Amboy, N. J.  
 Crouse Metal Mfg. Co., box fasteners, Williamsport, Pa.  
 Crout, J. M., fndrs., Saluda, S. C.  
 Crow-Elkhart Motor Co., Elkhart, Ind.  
 Crow Fertilizer Co., Monroe, N. C.  
 Crow, Lewis & Wickenhoefer, architects, 200 5th av, New York.  
 Crow Motor Car Co., Elkhart, Ind.  
 Crow Stove Polish Co., 2520 Galena, Milwaukee, Wis.  
 Crow, Wm. L., Constr. Co., 103 Park av, New York.  
 Crow-Wynn Heating Co., 4070 East 82d, S. E., Cleveland, Ohio.  
 Crowder, B. L., canned goods, Fincastle, Va.  
 Crowder Bros., machsts., 2018 Locust, St. Louis, Mo.  
 Crowe, F. T., & Co., masons' & bldrs.' matls., Tacoma, Wash.  
 Crowe, J. H., architect, Getysburg, Pa.  
 Crowe, J. N., ladders, Salem, Mass.  
 Crowe, John Co., contractors, Fall River, Mass.  
 Crowe-Keane Button Co., Botsford, Conn.  
 Crowe, M. A., architect, Leader Bldg., Cleveland, Ohio.  
 Crowe, Michael J., masons' & bldrs.' matls., Lockport, N. Y.  
 Crowe Name Plate & Engraving Co., 1749 Grace, Chicago, Ill.  
 Crowe, R. B., architect, Columbus, Ind.  
 Crowe, Thos. W., contractor, New Britain, Conn.  
 Crowell, C. Parker, architect, Bangor, Me.  
 Crowell Chemical Co., metal polish, Beverly, Mass.  
 Crowell, D. J., machsts., 61 Terrace, Buffalo, N. Y.  
 Crowell, E. H., contractor, Crown Point, Ind.  
 Crowell, Fred C., sash, door & blind, Norwich, Conn.  
 Crowell, Jas., lbr., Ft. Cross, Newark, N. J.  
 Crowell, Jas. B., & Son, brick molds, Walkill, N. Y.  
 Crowell-Lindoff-Little Co., contractors, 1951 E. 57th, Cleveland, Ohio.  
 Crowell Mfg. Co., blowers, pumps, air compressors, etc., 296 Taaffe pl, Brooklyn, N. Y.  
 Crowell & Murray, chemical laboratories, 407 Perry-Payne Bldg., Cleveland, Ohio.  
 Crowell & Spencer Lumber Co., Long eLaf, La.  
 Crowell & Van Meter, architects, Caldwell-Murdock Bldg., Wichita, Kan.  
 Crowell, Weymouth, contractor, 121 E. 6th, Los Angeles, Cal.  
 Crowell, William Co., oxyacetylene welding, Van Horne & Central R. R., Jersey City, N. J.  
 Crowell & Young, tanks, Tulsa, Okla.  
 Crowen, Samuel N., architect, 30 N. La Salle, Chicago, Ill.  
 Crowley Boiler Wks., Jackson, Mich.  
 Crowley, Chas. O., contractor, Troy, N. Y.  
 Crowley Iron & Machy. Co., Crowley, La.  
 Crowley, Jno. A., Co., high speed steel, 120 Liberty, New York.  
 Crown Cap Mfg. Co., 151 33d, Brooklyn, N. Y.  
 Crown Chair Co., Evansville, Ind.  
 Crown Chemical Co., metal polish, Indianapolis, Ind.  
 Crown Commercial Car Co., machinists, North Milwaukee, Wis.  
 Crown Cork & Seal Co., crown cork mfrs., Baltimore, Md.  
 Crown Cotton Mills, Dalton, Ga.  
 Crown Cut Glass Co., Hancock, N. Y.  
 Crown Die & Tool Co., 555 W. Monroe, Chicago, Ill.  
 Crown Distilleries Co., San Francisco, Cal.  
 Crown Electrical Mfg. Co., St. Charles, Ill.  
 Crown Foundry Co., Belleville, Ill.  
 Crown Hardware Co., Pasadena, Cal.  
 Crown Hardware Mfg. Co., dies & metal stampings, 1101 E. 2nd, Dayton, Ohio.  
 Crown Iron Works, bridge railings, 1229 Tyler, Minneapolis, Minn.  
 Crown, J. F., & Son, carriages, Washington, D. C.  
 Crown Jewel Milling Co., flour, Cynthia, Ky.  
 Crown L'br. & Silo Co., Omaha, Neb.  
 Crown Mfg. Co., agricultural implements, Phelps, N. Y.  
 Crown Metal Construction Co., fireproof doors, Jamestown, N. Y.  
 Crown Mill Co., flour, Socorro, N. M.  
 Crown Oil Co., 804 Lakeside av, N. W., Cleveland, Ohio.  
 Crown Oil & Wax Co., lubrg., cor. Pratt & 8th, Baltimore, Md.  
 Crown Optical Co., Rochester, N. Y.  
 Crown Pipe & Foundry Co., Jackson, Ohio.  
 Crown Pipe Mfg. Co., Omaha, Neb.  
 Crown Pitter Co., strawberry hullers, Cleveland, Ohio.  
 Crown Potteries Co., crockery, Evansville, Ind.  
 Crown Ribbon & Carbon Mfg. Co., typewriter ribbons, St. Paul, Rochester, N. Y.  
 Crown Roller Mills, flour, Morganfield, Ky.  
 Crown Sash, Door & Milling Co., 2416 McPherson, Los Angeles, Cal.  
 Crown Silk Mfg. Co., Bangor, Me.  
 Crown Slate Co., Pen Argyl, Pa.  
 Crown Smelting Co., brass fndrs., Chester, Pa.  
 Crown Stove Works, machsts. & fndrs., Cicero, Ill.  
 Crown Surgical Instrument Co., 798 8th av, New York.  
 Crown Throat & Opener Co., 711 Fulton, Chicago, Ill.  
 Crown Varnish & Enamel Co., 2322 N. Seeley av, Chicago, Ill.  
 Crown Ventilator Co., Milwaukee, Wis.  
 Crown Wall Plaster Co., Braddock, Pa.  
 Crown Welding Wks., 364 Willoughby av, Brooklyn, N. Y.  
 Crown Willamette Paper Co., bags, San Francisco, Cal.  
 Crowninshield, B. B., naval architect, 75 State, Boston, Mass.  
 Crowther, Harry, mach. wipers, Rorer & Ontario, Phila., Pa.  
 Crowther Motor Co., 27th & Diamond, Rochester, N. Y.  
 Crowther & Rogers Mfg. Co., castings, St. Joseph, Mo.  
 Crowther, T., & Co., gear cleaning machines, 170 Oliver, Boston, Mass.  
 Croze, Jos., dry docks, Houghton, Mich.  
 Crozer Coal & Coke Co., Upland, Pa.  
 Crozier, R. J., Co., mfrs. agents & mill & facty. supplies, North American Bldg., Philadelphia, Pa.  
 Crozier & Son, carriages, Sidney, Ohio.  
 Crucible Steel Casting Co., Cleveland, Ohio.  
 Crucible Steel Casting Co., Lansdowne, Pa.  
 Crucible Steel Casting Co., 612 Clinton, Milwaukee, Wis.  
 Crucible Steel Co. of Am., iron rolling mills, Oliver Bldg., Pittsburgh, Pa.  
 Crucible Steel Forge Co., 5812 Carnegie av, Cleveland, Ohio.  
 Cruickshank, A. G., masons' & bldrs.' matls., Port Huron, Mich.  
 Cruickshank Engine Co., 286 Dyer, Providence, R. I.  
 Cruickshank Iron Wks. Co., steel structural wk., Richmond, Va.  
 Cruickshank Bros. Co., canned goods, Pittsburgh, Pa.  
 Cruise, Edwin, contractor, New London, Conn.  
 Cruise & Smiley Constr. Co., Pawtucket, R. I.  
 Cruise, Thos., contractor, Hudson, N. Y.  
 Crumb Quarry Co., granite, Quincy, Mass.  
 Crumb, W. B., cattle stanchions, Forestville, Conn.  
 Crume Brick Co., Dayton, Ohio.  
 Crumley, Jones & Crumley Co., contractors, 536 Findlay, Cincinnati, Ohio.  
 Crumley-Sharp Hardware Co., Atlanta, Ga.  
 Crump, Benj. T., Co., harness mfrs., Richmond, Va.  
 Crump Bros., masons' & bldrs.' matls., Memphis, Tenn.  
 Crump, F. T., brick, Columbus, Ind.  
 Crumpton, E. R., architect, Superior, Wis.  
 Crunden, Martin, Mfg. Co., enameled, galvanized & japanned ware mfrs., 2d & Gratiot, St. Louis, Mo.  
 Crupper, Jos. L., sash, door & blind, 13th & Ohio av, N. W., Washington, D. C.  
 Cruse-Kemper Co., steel struc. wk., condensers, tanks, etc., Ambler, Pa.  
 Crush Brick & Tile Co., Sulphur Springs, Tex.  
 Crutchfield, I. P., architect, 102 Congress, E., Savannah, Ga.  
 Cruver Mfg. Co., glass paper weights, Chicago, Ill.  
 Cryer Return Lime System Co., 13 E. 41st, New York.  
 Cryer, T. B., heating contractors, 249 High, Newark, N. J.  
 Crystal Brook Granite Co., Hardwick, Vt.  
 Crystal Carbonate Lime Co., Elsberry, Mo.  
 Crystal Coal & Coke Co., Crystal, W. Va.  
 Crystal Cut Glass Co., Honesdale, N. Y.  
 Crystal Gelatine Co., 121 Beverly, Boston, Mass.  
 Crystal Mach. Co., clothes washing machines, 18 Piquette, Detroit, Mich.  
 Crystal Mfg. Co., ink erasers, Syracuse, N. Y.  
 Crystal Oil Works, Rouseville, Pa., Oil City, Pa.  
 Crystal Palace Flouring Mills Co., Weatherford, Tex.  
 Crystal Paper Co., Middletown, Ohio.  
 Crystal Percolator Co., 44 E. 23d, New York.  
 Crystal Refrigerator Co., Fremont, Neb.  
 Crystal Sand Co., Bridgeton, N. J.  
 Crystal Soap Co., 60 5th, Milwaukee, Wis.  
 Crystal Spring Canning Co., Dixon, Mo.  
 Crystal Springs Oil Mill, Fertilizer & Mfg. Co., Crystal Springs, Miss.  
 Crystal Springs Paste Co., 70 Kilby, Boston, Mass.  
 Crystal Springs Sand Co., Canal Fulton, Ohio.  
 Crystal Tumbler Co., Morgantown, W. Va.  
 Crystalline Soap Co., Army & Hampshire, San Francisco, Cal.  
 Cuatt, Wm., contractor, Ossining, N. Y.  
 Cuban-Am. Sugar Co., 129 Front, New York.  
 Cuban Eng. & Contr. Co., 17 W. 42d, New York.  
 Cuban Portland Cement Co., 30 E. 42d, New York.  
 Cubberly, Leon, architect, Long Branch, N. J.  
 Cudahy Bros. Co., meat packers, Cudahy, Wis.  
 Cudahy Curled Hair Wks., 111 W. Monroe, Chicago, Ill.  
 Cudahy Packing Co., meat packers, canned goods, compounds, etc., 111 West Monroe, Chicago, Ill.  
 Cudell, F. E., back water traps, Cleveland, Ohio.  
 Cudworth, Frank G., architect, Reliance Bldg., Kansas City, Mo.  
 Cudworth & Thompson, architects, Norwich, Conn.  
 Cuero Cotton Oil & Mfg. Co., meal, Cuero, Tex.  
 Cuff, C. C., architect, Ochsner Bldg., Sacramento, Cal.  
 Cuff, J. W., & Co., htg. contrs., 2027 N. 23d, Philadelphia, Pa.



- Culberts, Wm., Sons, tubular boilers, Nashville, Tenn.  
 Culbertson Bros., carriages, Mechanicsburg, Ohio.  
 Culbertson, H. E., Co., contractors, Citizens Bldg., Cleveland, O.  
 Culbertson Hardware Co., Auburn, Ind.  
 Culbertson & Kelly, contractors, Ford Bldg., Detroit, Mich.  
 Cull, Wm., & Sons, carriages, Marion, Ohio.  
 Cullen & Atkinson, core & enameling ovens, Hartford, Conn.  
 Cullen, Chas. H., architect, 101 Park av, New York.  
 Cullen-Friedstedt Co., contractors, 7 S. Dearborn, Chicago, Ill.  
 Cullen, Geo. P., contractor, 155 N. Clark, Chicago, Ill.  
 Cullen, J. P., Constr. Co., Janesville, Wis.  
 Cullen, John, contractor, East Hampton, Mass.  
 Cullen & Vaughn Co., archt. wood turning, contractors, interior wood finishing & masons' & bldrs.' matls., 450 Dayton, Hamilton, Ohio.  
 Culler Furniture Co., revolving chairs, Williamsport, Pa.  
 Cullinan, Thos. F., Co., reinf. concrete steel const., Providence, R. I.  
 Cullinane, Richard, architect, 288 Essex, Lawrence, Mass.  
 Cullman Fertilizer Co., Cullman, Ala.  
 Cullman Wheel Co., roller sprockets, etc., 1346 Altgeld, Chicago, Ill.  
 Cullogen Ginning & Fertilizer Co., Culloden, Ga.  
 Cullum & Boren Explosive Co., tools (gun cleaning & reloading), Dallas, Tex.  
 Cullum, J., & Co., tubular boilers, Kingston, N. Y.  
 Culmers Co., glass, Salt Lake City, Utah.  
 Culp, W. S. & A. M., contractors, Chestertown, Md.  
 Culpeper Brick Co., Culpeper, Va.  
 Culpepper & Co., ties, poles & posts, 22 E. Lexington, Balti., Md.  
 Culter Desk Co., Buffalo, N. Y.  
 Culter Dry Kiln Co., 34 Churchill, Buffalo, N. Y.  
 Culter & Proctor Stove Co., Peoria, Ill.  
 Culver, A., Co., masons' & bldrs. matls., Rockland, Mass.  
 Culver, Irwin C., Co., window display fixtures, 60 E. 8th, New York.  
 Culver, M. A., & Son, lumber, Cedar, Mich.  
 Culver Mfg. Co., automobiles, Culver City, Cal.  
 Culver-Stearns Mfg. Co., lamp adapters & guards, storage batteries, etc., 34 Southbridge, Worcester, Mass.  
 Culver, W. W., architect, Butts Bldg., Wichita, Kan.  
 Culvet-Stearns Mfg. Co., auto. lamps, Detroit, Mich.  
 Cumberland Cereal Co., Cumberland, Md.  
 Cumberland Clay Co., Mount Holly Springs, Pa.  
 Cumberland Fertilizer Mfrs., Cartersville, Ga.  
 Cumberland Foundry & Mfg. Co., Nashville, Tenn.  
 Cumberland Fruit Pckg. Co., berry boxes, Cumberland, Wis.  
 Cumberland Glass Mfg. Co., Bridgeton, N. J.  
 Cumberland Marble Mill Co., Knoxville, Tenn.  
 Cumberland Milling Co., flour, Cumberland, Md.  
 Cumberland Portland Cement Co., Cumberland, Md.  
 Cumberland Sash & Door Co., Cumberland, Md.  
 Cumberland Steel Co., Cumberland, Md.  
 Cumberland Valley Spoke & Bending Co., rims & spokes, Hagers-town, Md.  
 Cumbler, Geo. W. (Est. of), stone producers, Steelton, Pa.  
 Cuming, M. A., & Co., hatters' machy., 43 Bleeker, New York.  
 Cumings, H. P., Construction Co., 319 Washington, Boston, Mass.  
 Cumiskey, John H., contractor, Bridgeport, Conn.  
 Cummer Cypress Co., lumber, Sumner, Fla.  
 Cummer-Diggins Co., lumber mfrs., Cadillac, Mich.  
 Cummer, F. D., & Son Co., asphalt plant bldrs., machsts., 413 Arcade, Cleveland, Ohio.  
 Cummer Lumber Co., Jacksonville, Fla.  
 Cummer Mfg. Co., woodenware & novelties, Cadillac, Mich.  
 Cummer Products Co., lubricating oils, 2150 W. 15th, Cleveland, Ohio.  
 Cumming Oil & Fertilizer Co., Cumming, Ga.  
 Cummings, Bevis & Levan, mill & facty. supplies, Lancaster, Pa.  
 Cummings Bros., carriages, Hudson, N. H.  
 Cummings Bros., stone prod., Voorheesville, N. Y.  
 Cummings, C. K., architect, 8 Beacon, Boston, Mass.  
 Cummings, C. R., Export Co., lbr., Houston, Tex.  
 Cummings & Downer, architects, Painesville, Ohio.  
 Cummings & Emerson, who. hdwe., Peoria, Ill.  
 Cummings, F. C., packing box mfrs., Lowell, Mass.  
 Cummings Filter Co., pressure, 2701 Liberty av, Pittsburgh, Pa.  
 Cummings, G. R., Jr., & Co., shoe blacking & polishes, 264 S. Water, Milwaukee, Wis.  
 Cummings, Geo., & Son, tex. machy. (roll coverers), Fall River, Mass.  
 Cummings, H. P., Construction Co., Ware, Mass.  
 Cummings Iron Wks. & Supply Co., Walterboro, S. C.  
 Cummings, J. C., architect, Norwich, N. Y.  
 Cummings, J. C., contractor, Batavia, N. Y.  
 Cummings Josiah & Son, store trucks, 657 Atlantic av, Boston, Mass.  
 Cummings, M. F., cornices & skylights, Yazoo City, Miss.  
 Cummings, M. F., & Son, architects, Nat'l State Bk. Bldg., Troy, N. Y.  
 Cummings Machine Wks., 110 High, Boston, Mass.  
 Cummings-Moberly Cypress Co., Moberly, La.  
 Cummings & Moore Graphite Co., 672 Atwater E., Detroit, Mich.  
 Cummings Ship Instrument Works, marine specialties mfrs., 110 High, Boston, Mass.  
 Cummings Structural Concrete Co., Benedum Trees Bldg., Pittsburgh, Pa.  
 Cummings, T. A., Fdry. Co., 1338 Cortland, Chicago, Ill.  
 Cummings, W. H., & Sons, scrap rubber, 60 Harrison, New York.  
 Cummins, B. F., Co., check perforators, protectors, etc., 4740 W. Ravenswood av, Chicago, Ill.  
 Cummins Canning Co., Conneaut, Ohio.  
 Cummins, Chas., flour mills, Cumminsville, Ky.  
 Cummins & Co., handles, Red Lick, Ky.  
 Cummins, R., & Co., distillers, Loretto, Ky.  
 Cummiskey, Chas. J., architect, 165 E. Pomona (Gtn.), Philadelphia, Pa.  
 Cunliff, Chas., contractor, Title Guaranty Trust Bldg., St. Louis, Mo.  
 Cunningham, A. J., Co., meat pkrs., 34 Blackstone, Boston, Mass.  
 Cunningham Brick Co., Greensboro, N. C.  
 Cunningham Bros., contractors, Beloit, Wis.  
 Cunningham, Bullock & Humphrey, architects, 1211 Coon av, N. W., Washington, D. C.  
 Cunningham, Christopher, Co., tubular boilers, 437 Greenpoint av, Brooklyn, N. Y.  
 Cunningham, C. S., & Sons Constr. Co., 7 Water, Boston, Mass.  
 Cunningham, D. O., Glass Co., bottles, Jane & 22nd, Pittsburgh, Pa.  
 Cunningham, F. H. & J. G., architects, Greenville, S. C.  
 Cunningham, F. W., & Sons, contractors, Portland, Me.  
 Cunningham, Frank M., contractor, Atlantic City, N. J.  
 Cunningham Hardware Co., Mobile, Ala.  
 Cunningham, J. H., Co., indrs., 269 Congress, Boston, Mass.  
 Cunningham, Jas., Son & Co., automobile bldrs., Rochester, N. Y.  
 Cunningham, John J., architect, 430 Congress, Portland, Me.  
 Cunningham, M. E., Co., steel stamps, 625 Smithfield, Pittsburgh, Pa.  
 Cunningham Packing Co., meat packers, 84 S. Market, Boston, Mass.  
 Cunningham Paving & Constr. Co., 1345 Arch., Phila., Pa.  
 Cunningham Piano Co., 1101 Chestnut, Philadelphia, Pa.  
 Cunningham Plumbing Supply Co., plumbers' & steam fitters' supplies, 1234 Pennsylvania av, N. W., Washington, D. C.  
 Cunningham & Politeo, architects, First Nat'l Bk. Bldg., San Francisco, Cal.  
 Cunningham, Richard, brick, Russiaville, Ind.  
 Cunningham, T. Co., contractors, 608 E. 15th, New York.  
 Cunningham, Wm. J., brass indrs., 21 Park row, New York.  
 Cuzzo, D., contractor, 21 Park row, New York.  
 Cuple, N. J., Son, contractors, Hazleton, Pa.  
 Cupples Adjustable Tooth Co., Tyrone, Pa.  
 Cupples, Sam'l, Envelope Co., 6th & Cerre, St. Louis, Mo.  
 Cupples, Sam'l, Woodenware Co., 7th & Spruce, St. Louis, Mo.  
 Cureton, Geo. W., flour, Rising Fawn, Ga.  
 Cureton, Wm., & Sons, castings, Lexington, Richland Co., Ohio.  
 Curlett, W., & Son, architects, Merchants Tr. Bldg., Los Angeles, & Phelan Bldg., San Francisco, Cal.  
 Curley, J., & Bro., who. hdwe., 306 B'way, New York.  
 Curnow, R. C., machinist, Sonora, Cal.  
 Curphey & Mundy, contractors, Vicksburg, Miss.  
 Curran Bros. & Murphy, stone prod., Douglas & 4th av, Brooklyn, N. Y.  
 Curran & Firth, cornices, Toledo, Ohio.  
 Curran, Jas., cornices, Syracuse, N. Y.  
 Curran, Jas. H., Elevator Co., 114 W. 2d, Cincinnati, Ohio.  
 Curran Lumber Co., Lexington, Ky.  
 Curran Supply Co., steam fitters' supplies, 512 W. 36th, New York.  
 Currie Canning Co., Grand Junction, Colo.  
 Currie Co., mill & facty. supplies, Atlantic City, N. J.  
 Currie, J. B., & Son, machsts., 72 Adams, Brooklyn, N. Y.  
 Currie, J. L., lumber, Carthage, N. C.  
 Currie Mach. Co., 45 Fort, Detroit, Mich.  
 Currie, Malcom, contractor, Attleboro, Mass.  
 Currie, Thos. E., contractor, Magraw Bldg., Detroit, Mich.  
 Currie Windmill Co., Topeka, Kans.  
 Currier-Cameron Co., auto. wood bodies, 85 Elm, Amesbury, Mass.  
 Currier, Chas. E., contractor, 110 Sumner, Boston, Mass.  
 Currier, Cyrus, & Sons, leather & oilcloth, etc., machy., 365 Market, Newark, N. J.  
 Currier, Eugene L., arch't, Plymouth Bldg., Minneapolis, Minn.  
 Currier-Koeth Mfg. Co., machsts. & indrs., Coudersport, Pa.  
 Currier Needle Co., Manchester, N. H.  
 Currier, R. B., Co., lbr. mfrs., Springfield, Mass.  
 Curry Bros. Oil Co., lubrg. oils, 253 Franklin, Boston, Mass.  
 Curry Champion Fly Trap Co., Paducah, Ky.  
 Curry, J. P., Mfg. Co., bag tyers, 110 E. 23d, New York.  
 Curry, J. W., Co., belting, harness, straps, etc., 2615 Cummins, Cincinnati, Ohio.  
 Curry, Robt., architect, 45 Broadway, New York.  
 Curry, Robt. W., contractor, Newport, R. I.  
 Curry-Wagner Construction Co., 1900 Euclid av, Cleveland, O.  
 Curry's, Wm., Sons Co., masons' & bldrs. matls., Key West, Fla.  
 Curtain Supply Co., car curtains & trimmings, 320 W. Ohio, Chicago, Ill.  
 Curtice Bros. Co., canned goods, Rochester, N. Y.  
 Curtice, J. E., lumber, Coleman, Mich.  
 Curtin, C. A., architect, Columbia Bldg., Louisville, Ky.  
 Curtin & Clark Hardware Co., Kansas City, Mo.  
 Curtin & Co., architects, Tulsa, Okla.



- Curtin, Hebert, Co., glove mach., Gloversville, N. Y.  
 Curtin, John (Inc.), yacht sails, 3 South, New York.  
 Curtin-Ruggles Co., contractors, 39 Cortlandt, New York.  
 Curtin, Wm. H., Mfg. Co., htg. contrs., 331 Adam, Brooklyn, N. Y.  
 Curtis & Adams, architects, Tampa, Fla.  
 Curtis, Albert B., dryers, openers, separators & sheet metal stamping, Worcester, Mass.  
 Curtis-Brishlin Lbr. Co., sash, door & blind mfrs., 3290 Atlantic av., Brooklyn, N. Y.  
 Curtis & Bro., paper & pulp mills, Newark, Del.  
 Curtis Bros., sashes, doors & blinds, East Orange, N. J.  
 Curtis Bros. & Co., lumber mfrs., Clinton, Ia.  
 Curtis, C. H., cornices & skylights, Waldboro, Me.  
 Curtis, C. M., architect, Vinney Bldg., Syracuse, N. Y.  
 Curtis, Chas. E., & Son, stone producers, Salem, Mass.  
 Curtis & Co., sashes, doors & blinds, 25 8th, Zanesville, Ohio.  
 Curtis & Co. Mfg. Co., mill & facty. supplies, 215 N. Desplaines, Chicago, Ill.  
 Curtis & Co. Mfg. Co., saw, lathe, etc., mill machy., 1571 Kienlen av., St. Louis, Mo.  
 Curtis Cornelius, sash, door & blind mfr., 22d & Center av., Chicago, Ill.  
 Curtis & Curtis Co., machsts., Bridgeport, Conn.  
 Curtis Dexter Co., horse collar pads, etc., Madison, Wis.  
 Curtis, Espy & Co., hdwe. mfrs., 1600 Fulton, Chicago, Ill.  
 Curtis, Fred W., plate glass, Troy, N. Y.  
 Curtis & Gartside Co., sash, door & blind, Oklahoma, Okla.  
 Curtis & Haire, machsts., Woodsfield, Ohio.  
 Curtis, Henry Loomis, architect, Abington, Pa.  
 Curtis, J. A., cornices, Red Hook, N. Y.  
 Curtis, J. G., architect, Farmers' Bk. Bldg., Pittsburgh, Pa.  
 Curtis, J. H., landscape archs., 220 Devonshire, Boston, Mass.  
 Curtis, Jas. C., & Co., coffins, etc., 1222 W. Van Buren, Chicago, Ill.  
 Curtis, John B., architect, Port Henry, N. Y.  
 Curtis, John, & Co., contractors, Wilkes-Barre, Pa.  
 Curtis-Leger Fixture Co., metallic shades, 235 W. Jackson Blvd., Chicago, Ill.  
 Curtis, M. J., architect, Reno, Nev.  
 Curtis Machine Co., Milan, Ohio.  
 Curtis Machine Corp., wood working machy., Jamestown, N. Y.  
 Curtis & Marble Mach. Co., textile machy., Worcester, Mass.  
 Curtis, Mont G., horse collars, Troy, N. Y.  
 Curtis, N. A., Mfg. Co., carpet sweepers, Columbus, Ohio.  
 Curtis Olive Co., canned goods, Los Angeles, Cal.  
 Curtis & Pope Lumber Co., masons' & bldrs.' matls., 774 Albany, Boston, Mass.  
 Curtis, Reuel A., architect, Reserve Bank Bldg., Kansas City, Mo.  
 Curtis, S. P., & Son, masons' & bldrs.' matls., Rutland, Vt.  
 Curtis Sash & Door Co., Sioux City, Ia.  
 Curtis Screw Wks., Buffalo, N. Y.  
 Curtis & Spindell Co., elastic hosiery, Lynn, Mass.  
 Curtis & Tompkins, chemists, 108 Front, San Francisco, Cal.  
 Curtis, Towle & Paine Co., sashes, doors, blinds & store fixtures, Lincoln, Neb.  
 Curtis Truck & Forging Co., machinists, Decatur, Ill.  
 Curtis & Van Bernuth Mfg. Co., auto. & carriage robes & rugs, 88 W. B'way, New York.  
 Curtis, W. H., naval arch., Bates Bldg., Portland, Ore.  
 Curtis Wharf Co., masons' & bldrs.' matls., Anacortes, Wash.  
 Curtis, Wm., Sons Co., lumber, 30 Eustis, Boston, Mass.  
 Curtis & Yale Co., masons' & bldrs.' matls., Wausau, Wis.  
 Curtis-Yale Howard Co., wood handles, 1805 S. E. 5th, Minneapolis, Minn.  
 Curtiss Aeroplane Co., ft. of Churchill, Buffalo, N. Y.  
 Curtiss Aeroplane & Motor Corp., aerial engines, 1738 Elmwood av., Buffalo, N. Y.  
 Curtiss Bros., sewing tables, Richland, N. Y.  
 Curtiss & Dean, contractors, Hartford, Conn.  
 Custiss, Geo. L., Co., tools & hdwe. specialties, Southington, Conn.  
 Curtiss, Harold M., Coal Co., masons' & bldrs.' matls., Milford, Mass.  
 Curtiss, J. H., Co., ship water closets, 2 South, New York.  
 Curtiss, Louis, architect, 1118 McGee, Kansas City, Mo.  
 Curtiss & Pierpont Co., cornices, New Haven, Conn.  
 Curtiss, W. L., ties, poles, etc., Birge Bldg., Buffalo, N. Y.  
 Curtiss, Wm. M., Co., masons' & bldrs.' matls. & mill & facty. supplies, 5016 20th, N. W., Seattle, Wash.  
 Curtisville Tile & Brick Co., Curtisville, Ind.  
 Cusack, Thos., Co., signs, 1312 W. Harrison, Chicago, Ill.  
 Cushen, P. J., contractor, 217 St. Paul, Baltimore, Md.  
 Cushing & Anderson, glass stainers, 155 Dudley, Rox., Boston, Mass.  
 Cushing, D., & Son, cornices, Lowell, Mas.  
 Cushing, L. W., & Son, weather vanes, Waltham, Mass.  
 Cushing Refining Co., petroleum and its products, Cushing, Okla.  
 Cushing, S. G., & Son, wood handles, 29 Newton pl, New York.  
 Cushman Chuck Co., Hartford, Conn.  
 Cushman & Denison Mfg. Co., stationers' spec., 240 W. 23d, New York.  
 Cushman Electric Co., machsts. & fndrs., Concord, N. H.  
 Cushman, H. T., Mfg. Co., music stands, North Bennington, Vt.  
 Cushman Motor Wks., engines, etc., Lincoln, Neb.  
 Cushman Pattern & Model Wks., Houston, Tex.  
 Cushman, Person W., steam htg. contr., 7516 Decker av., N. E., Cleveland, Ohio.  
 Cushman & Rankin Co., paper & pulp mills, Bath, N. H.  
 Cushman Sprayer Co., machsts. & fndrs., St. Joseph, Mo.  
 Cushman, W. D., masons' & bldrs.' matls., Poseyville, Ind.  
 Cushnoc Paper Co., Augusta, Me.  
 Cushman, Victor, & Sons, masons' & bldrs.' matls., Williamsport, Md.  
 Cusick, Andrew M., contractor, 319 Washington, Boston, Mass.  
 Cusick Cornice & Roofing Co., 2602 5th av., Pittsburgh, Pa.  
 Cussins, Chas. D., Co., wholesale hdwe., 170 N. 3d, Columbus, O.  
 Custen Bros., button mfrs., 111 5th av, New York.  
 Custer Coupling Co., Bradford, Pa.  
 Custer Lumber Co., Custer, Wash.  
 Custer Milling Co., flour, Custer, Okla.  
 Custer & Seltzer, architects, Camden, N. J.  
 Custer, W. F., & Son, carriage wrenches, hand power punch & shear combined, Summitville, Ind.  
 Custodis, Alphons, Chimney Const. Co., 95 Nassau, New York.  
 Custodis Chimney Co., contractors, 140 S. Dearborn, Chicago, Ill.  
 Cutaway Harrow Co., clod crushers, cutters, etc., Higganum, Conn.  
 Cuthbert Bros. Co., contractors, Bessemer Bldg., Pittsburgh, Pa.  
 Cuthbert, E. D., architect, 435 Kansas av, Topeka, Kan.  
 Cuthbert Electrical Mfg. Co., 723 Fulton, Chicago, Ill.  
 Cuthbert Fertilizer Co., Cuthbert, Ga.  
 Cuthbert Home Mixture Guano Co., fertilizer mfrs., Cuthbert, Ga.  
 Cuthbert Oil Co., Cuthbert, Ga.  
 Cuthbertson, Elmer L., contractor, 334 Rox av, Philadelphia, Pa.  
 Cuthbertson, W. J., architect, 328 Montgomery, San Francisco, Cal.  
 Cuthrell, John A., lbr. mfrs., Greentown, Ind.  
 Cuthrell, Jno., Co., masons' & bldrs.' matls., Berkeley, Va.  
 Cutler Blades & Hardware Co., Newbern, N. C.  
 Cutler-Hammer Clutch Co., magnetic separators, 680 Smith, Milwaukee, Wis.  
 Cutler-Hammer Mfg. Co., electric controlling apparatus & curling irons, 1200 St. Paul av, Milwaukee, Wis.  
*See adv index at end of book.*  
 Cutler Hardware Co., Waterloo, Ia.  
 Cutler, Magner Co., masons' & bldrs.' matls., Duluth, Minn.  
 Cutler Mail Chute Co., Cutler Bldg., Rochester, N. Y.  
 Cutler Mills, cotton twine, Warren, R. I.  
 Cutler Mills Co., mosquito netting, Packer, Conn.  
 Cutshall & Cutshall, contractors, Brazil, Ind.  
 Cutshall, Ira F., architect, Tarentum, Pa.  
 Cutsinger, F. M., lbr. mfrs., Evansville, Ind.  
 Cutter Co., mfg. I-T-E circuit breakers (electrical), Phila., Pa.  
 Cutter & Cutter, auto. trunks, 26 Chauncy, Boston, Mass.  
 Cutter, George Co., electrical specialties & inc. cut-outs, 415 Notre Dame, South Bend, Ind.  
 Cutter, Leslie W., contractor, Bangor, Me.  
 Cutter & Malmgren, architects, 1023 Riverside av, Spokane, Wash.  
 Cutter, Olin W., architect, 683 Atlantic av, Boston, Mass.  
 Cutter, Scott C., testing clamps, Oswego, Ill.  
 Cutter & Smith Co., sash, door & blind mfrs., 2176 Washington, Rox., Boston, Mass.  
 Cutter-Tower Co., toothpick mfrs., 326 Broadway, New York.  
 Cutter, W. C., clay miners, Woodbridge, N. J.  
 Cutter & Wood Supply Co., machinists', foundry, metal polishers', & platers' & general facty. supplies, 68 Pearl, Boston, Mass.  
 Cutting, Carleton & Cutting, architects, 44 Front, Worcester, Mass.  
 Cutting, Frank R., masons' & bldrs.' matls., Lapeer, Mich.  
 Cutting & Washington, Inc., radio engineers & manufacturers, 26 Portland, Cambridge, Mass. *See adv index at end of book.*  
 Cuyahoga Boiler Works, 1206 Main av, Cleveland, Ohio.  
 Cuyahoga Builders' Supply Co., Schofield Bldg., Cleveland, Ohio.  
 Cuyahoga Lumber Co., 1948 Carter rd, Cleveland, Ohio.  
 Cuyahoga Rendering & Soap Works, Denison av, S. W., Cleveland, Ohio.  
 Cuyahoga Roofing Co., cornices & skylights, Woodland & N. P. R R., Cleveland, Ohio.  
 Cuyahoga Spring Co., 16608 Waterloo rd, Cleveland, Ohio.  
 Cuyler & Mohler, mill & facty. & plumbers' supplies, 611 William, Baltimore, Md.  
 Cycle Hatcher Co., incubators, Elmira, N. Y.  
 Cyclone Blow Pipe Co., 2552 W. 21st, Chicago, Ill.  
 Cyclone Fence Co., gates & wire fences, Waukegan, Ill.  
 Cyclone Fence Co., ratchets, North Chicago, Ill.  
 Cyclone Grate Bar Co., 9 Grimes, Buffalo, N. Y.  
 Cyclone Mach. Co., coal drills, Pittston, Pa.  
 Cyclone Mfg. Co., hand vacuum cleaners, Bradford, Pa.  
 Cyclone Seeder Co., Urbana, Ind.  
 Cyclone Woven Wire Fence Co., Cleveland, Ohio.  
 Cyclops Foundry Co., gray iron castings, Union Bk. Bldg., Pittsburgh, Pa.  
 Cyclops Iron Works, 837 Folsam, San Francisco, Cal.  
 Cyclops Steel Co., steel mfrs., 120 Broadway, New York.  
 Cyphers Incubator Co., 2269 Main, Buffalo, N. Y.  
 Cypress Lumber Co., 88 Broad, Boston, Mass.  
 Czar Ignition Co., spark plugs, 531 Ellicott, Buffalo, N. Y.  
 Czeschinsky, Fredk., architect, 410 Mackinaw, Detroit, Mich.



- Daarf Contrg. Corp., 117 W. 25th, New York.  
 Dabbs, C. H., contractor, Meridian, Miss.  
 Dadant & Sons, bee keepers' supplies, Hamilton, Ill.  
 Dade Lumber Co., West Palm Beach, Fla.  
 Dadeville Cotton Oil Co., cottonseed meal, Dadeville, Ala.  
 Dadswell, Arthur L., contractor, 334 E. Ferry, Buffalo, N. Y.  
 Dady, M. J., contractor, 350 Fulton, Brooklyn, N. Y.  
 Daegling, A. V., contractor, 9000 Houston av, Chicago, Ill.  
 Daemicke, Paul J., Co., butchers' machy. & supplies, 321 W. South Water, Chicago, Ill.  
 Dafoe-Eustice Co., canvas covers, 340 Jefferson, Detroit, Mich.  
 Daft, A. C., ferro tungsten, tungsten, metal tungstic acid, Oliver Bldg., Pittsburgh, Pa.  
 Daggett, E. P., Canning Co., Coopersville, Mich.  
 Daggett Galvanizing & Plating Co., Syracuse, N. Y.  
 Daggett, R. P., & Co., architects, Lemeke Annex, Indianapolis, Ind.  
 Daggitts, Wm. H., & Sons, soap & soap powders, 383 W. 12th, New York.  
 Dagit, Henry D., & Son Co., architects, 411 Walnut, Phila., Pa.  
 Dahill, F. J., Co., contractors, 217 Water, New Haven, Conn.  
 Dahl, E. A., & Co., contractors, Duluth, Minn.  
 Dahl, Henry C., contractor, 231 S. 8th, Philadelphia, Pa.  
 Dahl Mfg. Co., heat regulators, Minneapolis, Minn.  
 Dahl Mfg. Co., medicine cabinets, rules, 841 W. 136th, New York  
 Dahl Punctureless Tire Co., 1424 Hennepin av, Minneapolis, Minn.  
 Dable, Fred A., contractor, Logan, Utah.  
 Dahlman Constr. Co., Majestic Bldg., Milwaukee, Wis.  
 Dahlquist Machy Co., 468 Rosable, St. Paul, Minn.  
 Dahlquist Mfg. Co., coppersmiths, 40 W. 3rd, So. Boston, Mass.  
*See adv index at end of book.*  
 Dahlstrom Metallic Door Co., 35 Blackstone av, Jamestown, N. Y.  
*See adv index at end of book.*  
 Dahm, Hy., archl. iron, 517 W. 45th, New York.  
 Dahmke, John J. A., Pkg. Co., meat, 2334 W. Lake, Chicago, Ill.  
 Dahnke-Walker Milling Co., flour, Union City, Tenn.  
 Daigger, A., & Co., laboratory supplies, 54 W. Kinzie, Chicago, Ill.  
 Daigle-Steger Iron Wks., 565 Lafayette blvd, Detroit, Mich.  
 Daigneault, A., contractor, Woonsocket, R. I.  
 Dail Steel Products Co., stamping works, Lansing, Mich.  
 Dail, W. H., Jr., brick, Greenville, N. C.  
 Dailey, L. W., Stove Wks., Stillwater, Minn.  
 Dailey-Udell Co., canned goods, Brockport, N. Y.  
 Daily Mfg. Co., sporting goods, 432 E. 7th, St. Paul, Minn.  
 Dain Mfg. Co. of Iowa, agricultural implements & automobile bldrs., Ottumwa, Ia.  
 Dain & Vermilyea, M., masons' & bldrs.' matls., Flint, Mich.  
 Dains, N., Sons Co., masons' & bldrs.' matls., Peekskill, N. Y.  
 Dairy Cream Separator Co., Lebanon, Ind.  
 Dairy Machinery & Constr. Co., creamery machy., freezers, etc., Derby, Conn.  
 Dairy Specialty Co., machsts., West Chester, Pa.  
 Dairymen's Mfg. Co., machy., boxes, cans, etc., Bay, Jersey City, N. J.  
 Dairymen's Supply Co., milk bot. caps, 1919 Market, Phila., Pa.  
 Daisy Mfg. Co., machsts. & fndrs., Plymouth, Mich.  
 Daisy Woodcraft Co., mission lamps, Faribault, Minn.  
 Dake Engine Co., hoists, Grand Haven, Mich.  
 Dakin, C. C., architect, Reading, Cal.  
 Dakota Iron Store, Sioux Falls, S. D.  
 Dakota Plaster Co., Rapid City, S. D.  
 Dakota Plow & Wagon Co., Sioux Falls, S. D.  
 Daland & Co., soap, 203 W. B'way, New York.  
 Dalby, H. L., canned goods, San Bernardino, Cal.  
 Dale Body Co., automobile bodies, Fostoria, Ohio.  
 Dale, Guy, architect, Corpus Christi, Tex.  
 Dale, John P., Machy. Co., Nashville, Tenn.  
 Dale Lighting Fixture Co., 107 W. 13th, New York.  
 Dale, Margaret, clothes lines, cotton mops, Arlington, Mass.  
 Daleville Canning Co., Daleville, Ind.  
 Daleville Glass Co., bottles, Daleville, Ind.  
 Daley Bros. Constr. Co., Bolivar, Ohio.  
 Dalev. Chas. & Co., contractors, Railway Exch. Bldg., Seattle, Wash.  
 Daley Ldry. Machy. Wks., 337 Butler, Brooklyn, N. Y.  
 Daley, M. H., machsts., Charles City, Iowa.  
 Daley, R. A., sashes, doors & blinds, Rawlins, Wyo.  
 Daley, Robt. D., Co., contractors, 6 Church, New Haven, Conn.  
 Dalgleish, W. S., contractor, Burlington, Ia.  
 Dalglisch, Robert, contractor, Morristown, N. J.  
 Dalk & Lindberg, sash, door & blind mfrs., Seattle, Wash.  
 Dalkena Lumber Co., Dalkena, Wash.  
 Dall, J., Constr. Co., 10 E. 23d, New York.  
 Dall Steel Products Co., stamping wks., Lansing, Mich.  
 Dall, Wm., contractor, 1276 W. 3rd, N. W., Cleveland, Ohio.  
 Dall, Wm., Co., contractors, Fort McHenry, Baltimore, Md.  
 Dallas, A. C., & Sons, tin plate, metals, etc., 223 No. Jefferson, Chicago, Ill.  
 Dallas Art Glass Co., Dallas, Tex.  
 Dallas, B. B., tubular boilers, Knoxville, Tenn.  
 Dallas Brass Mfg. Co., machsts. & fndrs., Dallas, Tex.  
 Dallas Coffin Co., Dallas, Tex.  
 Dallas Cooperage & Woodenware Co., Dallas, Tex.  
 Dallas Cotton Mills, Dallas, Tex.  
 Dallas Fertilizer Reduction Co., Dallas, Tex.  
 Dallas Fdy., Dallas, Tex.  
 Dallas Lime & Gravel Co., Dallas, Tex.  
 Dallas Mfg. Co., cotton sheetings, Huntsville, Ala.  
 Dallas & Nardulli, stone producers, 608 Larimer av, Pitts., Pa.  
 Dallas Oil & Fertilizer Co., Dallas, Ga.  
 Dallas Oil & Refining Co., Dallas, Tex.  
 Dallas, S. C., architect, 1832 S. 10th, E., Salt Lake City, Utah.  
 Dallas Screen Co., Dallas, Tex.  
 Dallas Show Case & Mfg. Co., Dallas, Tex.  
 Dallas Waste Mills, cotton & wool, Dallas, Tex.  
 Dallett & Co., elec. ry. supplies, Harrison Bldg., Phila., Pa.  
 Dallett, E. James, architect, Equitable Bldg., Wilmington, Del.  
 Dallett, Thos. H., Co., pneumatic tools, Juniper & Federal, Philadelphia, Pa.  
 Dalley, F. F., Co., shoe polishes, Buffalo, N. Y.  
 Dallis, P. A., Co., architects, Candler Bldg., Atlanta, Ga.  
 Dallman, Chas. F., & Co., stone producers, 5816 Laflin, Chicago, Ill.  
 Dallman & Cooper Supply Co., mill & facty. supplies, Fond Du Lac, Wis.  
 Dally, S. W. R., masons' & bldrs. matls., Seattle, Wash.  
 Dalrymple, Geo., machsts. & fndrs., Fair Haven, Vt.  
 Dalrymple, H. L., canned goods, Marshfield, Mo.  
 Dalrymple, J. A., & Co., slipper bows, Haverhill, Mass.  
 Dalsey, Harry L., architect, 167, W. Washington, Chicago, Ill.  
 Dalton Adding Machine Co., Norwood, Cincinnati, Ohio.  
 Dalton Auto. & Machine Co., Dalton, Ga.  
 Dalton Bros. Brick Co., Hopkinsville, Ky.  
 Dalton, Ernest, typewriter ribbons, 444 Market, San Fran., Cal.  
 Dalton Excelsior Co., Dalton, Ga.  
 Dalton, Henry, & Sons Co., machinist, Oakland, Cal.  
 Dalton-Ingersoll Mfg. Co., plumbers' supplies, jobbers, 171 High, Boston, Mass.  
 Dalton, J. D., & Son, masons' & bldrs.' matls., Aurora, Ill.  
 Dalton, John, electroplating, 20 Jacob, New York.  
 Dalton, Jno., Co., Ltd., masons' & bldrs.' matls., Morgan City, La.  
 Dalton Machine Co., 1911 Park av, New York.  
 Dalton Pottery Co., Dalton, Ohio.  
 Dalton Supply Co., machsts. & fndrs., Dalton, Pa.  
 Daly & Hannan Dredging Co., Ogdensburg, N. Y.  
 Daly & Hopper, cornices & skyl'ts, 1802 11th, Washington, D. C.  
 Daly, J. A., brick, Nevada, Mo.  
 Daly, John J., Iron, Steel & Metal Co., 101 Mott av, Long Island City, N. Y.  
 Daly, M., stone producers, Conshohocken, Pa.  
 Daly, M. J., & Sons, mechanical & construction engineers, also jobbers in mill, steam & plumbing & factory supplies, 555 Bank, Waterbury, Conn.  
 Daly Plumbing Supply Co., 93 Cummings, Boston, Mass.  
 Daly & Rutherford, cornices, Jackson, Mich.  
 Daly, T. J., contractor, Augusta, Ga.  
 Dalzell Bros. Co., cornices, Youngstown, Ohio.  
 Dalziel-Moller Co., plumbers' supplies, jobbers, 556 Mission, San Francisco, Cal.  
 Damas & Francis, machsts., Sonora, Cal.  
 Damascus Brake Beam Co., London rd & Nickel Plate, Cleveland, Ohio.  
 Damascus Bronze Co., bronze castings and ingot metals, Pittsburgh, Pa. *See adv index at end of book.*  
 Damascus Crucible Steel Casting Co., New Brighton, Pa.  
 Damascus Mfg. Co., oils & greases, 3447 E. 52nd pl, Cleveland, O.  
 Dambach, Edw., Co., lumber, Evans City, Pa.  
 Dame Mantel Co., masons' & bldrs.' matls., Harriman, Tenn.  
 Dame, Melvin A., & Son Co., heaters, Lynn, Mass.  
 Dame, Stoddard, Co., who. hdwe., 374 Washington, Boston, Mass.  
 Dameron, W. A., & Bro., canned goods, Weems, Va.  
 Dames Ferry Milling Co., flour, Dames Ferry, Ga.  
 Damhory, Wm. S., brick, Quincy, Ill.  
 Damm, Jos., stone producers, 1403 East, Pittsburgh, Pa.  
 Damon, Arlington, machsts. & fndrs., Buckfield, Me.  
 Damon Bros., architects, Haverhill, Mass.  
 Damon Bros., axe mfrs., Carmel, Me.  
 Damon Co., buttons & horn hair pins, Leominster, Mass.  
 Damon, E. O., Jr., architect, Fort Dodge, Ia.  
 Damon, Geo., & Sons, printing presses & machy., 44 Beekman, New York.  
 Damon, J. F., machsts. & fndrs., Milford, Mass.  
 Damon, W. F., flour mills, Elkton, Ky.  
 Damon, W. L., Co., masons' & bldrs.' matls., New Britain, Conn.  
 Damon, Walter S., packing boxes, State Line, N. H.  
 D'Amour Mach. Wks., 78 Cortlandt, New York.  
 Dan Valley Mills, flour, Danville, Va.  
 Dana, C. H., markers (poultry, cattle, etc.), West Lebanon, N. H.  
 Dana Canned Goods Co., Belpre, Ohio.  
 Dana Co., machsts. & fndrs., Plattsville, Wis.  
 Dana & Co., steel impts., 111 B'way, New York.  
 Dana Hardware Co., 28 Pearl, Boston, Mass.  
 Dana Warehouse Co., masons' & bldrs.' matls., 271 Snelling av, N. St. Paul, Minn.  
 Dana Warp Mills, bags, etc., Westbrook, Me.  
 Danaher Lumber Co., Tacoma, Wash.  
 Danaher, R. E., Co., lumber, Majestic Bldg., Detroit, Mich.  
 Danahy Packing Co., meat, Metcalfe & Clinton, Buffalo, N. Y.  
 Danbury Hardware Co., Danbury, Conn.  
 Danbury Square Box Co., Danbury, Conn.  
 Dance Guano Co., Toccoa, Ga.



- Dancyger Safety Pin Ticket Co., Cleveland, Ohio.  
Dane Machine Co., Salem, Mass.  
Danforth Chemical Co., insecticides, Leominster, Mass.  
Danforth, Eugene, spool wood, Bangor, Me.  
Danforth, John W., Co., contractors, 70 Ellicott, Buffalo, N. Y.  
Dangel, David, & Sons, contractors, 506 N. Van Buren, Wilmington, Del.  
Dangler, Harold G., architect, 215 Montague, Brooklyn, N. Y.  
Dangler Stove Co., 5017 Perkins av, Cleveland, Ohio.  
Dangles, Jacob, & Son, meat packers, 722 Myrtle av, Bklyn., N. Y.  
Daniel Contracting Co., 503 Market, San Francisco, Cal.  
Daniel, F. W., masons' & bldrs.' matls., Ness City, Kan.  
Daniel, Jacob, Brick Co., 291 Clippert av, Detroit, Mich.  
Daniel Packing Co., Amburg, Va.  
Daniel Sons & Palmer Co., fertilizer, Millen, Ga.  
Daniel, W. H., Supply Co., fertz. mfrs., Mullins, S. C.  
Daniels, D. L., & Co., granite producers, Milford, N. H.  
Daniels, Fred, fertilizer mfr., Johnsonburg, N. Y.  
Daniels, Fred G., architect, Pawtucket, R. I.  
Daniels, Geo. E., carriage wheels, Rowley, Mass.  
Daniel's, Jack, Old Time Distillery, Lynchburg, Tenn.  
Daniels & Lyst, contractors, Anderson, Ind.  
Daniels, Moses, cornices & skylights, Brunswick, Ga.  
Daniels Motor Car Co., Reading, Pa.  
Daniels, Oscar, Co., contractors, iron & steel, Woolworth Bldg., New York.  
Daniels Road Oiling Co., 171 Westminster, Providence, R. I.  
Daniels, Sam'l A., machinist, Waterville, N. Y.  
Daniels, Willard B., clays, marble dust, chalk, etc., 252 Front, New York.  
Danielson, B. J., bldg. contr., 638 Mineral, Milwaukee, Wis.  
Danielson, Chas., contractor, Duluth, Minn.  
Danielson, Daniel, contractor, 874 Layton blvd, Milwaukee, Wis.  
Danielson Engine Wks., 339 E. 39th, Chicago, Ill.  
Danielson, J. C., & Co., pliers, Jamestown, N. Y.  
Danielson & Pierce, lbr., Rhinelander, Wis.  
Danker, Brunn, & Son, contractors, Johnstown, Pa.  
Dann Bros. & Co., auto. bodies, fenders, seats, etc., New Haven, Conn.  
Dann Products Co., bronze bearings, 1084 E. 152nd, Cleveland, O.  
Dannenboffer Glass Wks., 330 Himrod, Brooklyn, N. Y.  
Danner, Adam, Co., machinists, Yonkers, N. Y.  
Danner, J., broom corn, Humboldt, Ill.  
Danner, John, Mfg. Co., book cases, Canton, Ohio.  
Danser Mfg. & Supply Co., mill & facty. supplies, Weston, W. Va.  
Dant Distillery Co., Dant, Ky.  
Dantzer Fdry. & Mach. Wks., Gulfport, Miss.  
Dantzer, L. M., L'br. Co., Moss Point, Miss.  
Danubil Co., packing mfrs., Postal Telegraph Bldg., New York.  
Danver, R. H., machinist, 845 Pennsylvania av, N. S., Pittsburgh, Pa.  
Danvers Leather Co., leather boards, 161 Devonshire, Boston, Mass.  
Danversport Rubber Co., Danversport, Mass.  
Danville Brick Co., Danville, Ill.  
Danville Buggy Co., Danville, Ill.  
Danville Canning Co., Danville, Ind.  
Danville Fdry. & Mach. Co., Danville, Ill.  
Danville Hardware Co., Danville, Va.  
Danville Hardware & Supply Co., plumbers' supp., Danville, Pa.  
Danville Iron & Metal Co., Danville, Ill.  
Danville Lime & Cement Co., masons' & bldrs.' matls., Danville, Ill.  
Danville Lounge & Mattress Co., Danville, Ill.  
Danville Lbr. Co., Danville, Ill.  
Danville Lumber & Mfg. Co., Danville, Ky.  
Danville Lumber & Mfg. Co., sash, door & blind, Danville, Va.  
Danville Malleable Iron Co., Danville, Ill.  
Danville Stove & Mfg. Co., Danville, Pa.  
Danville Struct. Tubing Co., Danville, Pa.  
Danz, H., Jr., cornices & skylights, Green Bay, Wis.  
Danzelsen Pckg. Co., meat packers, Decatur, Ill.  
Danzler Lumber Co., Hagerstown, Md.  
Danzler Metal Works, cornices & skylights, Hagerstown, Md.  
Danzler, Wm. F., & Co., contractors, South Bethlehem, Pa.  
Danzis, G., watchmakers' tools, 51 Ann, New York.  
D. & A. Post Mould Co., Three Rivers, Mich.  
Daprato Statuary Co., marble interior wk., 766 W. Adams, Chicago, Ill.  
Darby, Edw., & Sons Co., wire goods mfrs., 239 Arch, Phila., Pa.  
Darby, H. M., architect., Elkins, W. Va.  
Darby, Rezin W., contractor, 3009 O. N. W., Washington, D. C.  
Darbyshire, A. J., brick, Sabina, Ohio.  
Darbyshire, Harvie, Iron & Mach. Co., El Paso, Tex.  
Darche Mfg. Co., elec. bells, 15 N. Jefferson, Chicago, Ill.  
Darcey, D. J., contractor, West New Brighton, N. Y.  
D'Arcy & Sons Co., sash, door & blind, 61 Washington, N., Boston, Mass.  
D'Arcy Spring Co., Kalamazoo, Mich.  
Darden, J. M., contractor, Suffolk, Va.  
Dargan Lbr. Co., Effingham, S. C.  
Dargent, Chas., glass floats, 360 Crescent, Brooklyn, N. Y.  
Dark & Co., contractors, 654 Main, Buffalo, N. Y.  
Dark, Stephen C., architect, 159 E. Market, Indianapolis, Ind.  
Darley & King H'dwe. Co., Florence, Ala.  
Darling, C. H., mill & facty. supplies & whol. hdwe., Woonsocket, R. I.  
Darling, C. Harry, machinist, Trenton, N. J.  
Darling, C. P., Co., packing boxes & cloth boards, 415 Charles, Providence, R. I.  
Darling, Chas., & Co., lbr., 1055 W. 22d, Chicago, Ill.  
Darling & Co., tallow, 4201 S. Ashland, Chicago, Ill.  
Darling Construction Co., Waycross, Ga.  
Darling & Dean Co., whol. hdwe., Nome, Alaska.  
Darling & Eitel Co., contractors, 205 W. Rand., Chicago, Ill.  
Darling, F. W., & Co., masons' & bldrs.' matls., Hyde Park, Mass.  
Darling, Joseph E., architect, Bennett Bldg., Fall River, Mass.  
Darling, J. W., Lumber Co., 2d National Bk. Bldg., Cincinnati, O.  
Darling, Jos. M., contractor, Fall River, Mass.  
Darling, L. B., Fertilizer Co., Worcester, Mass.  
Darling Machine Co., machsts. & fndrs., 2110 Superior av, N. W., Cleveland, Ohio.  
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.  
Darling-Slade Constr. Co., Newport, R. I.  
Darling & Walper, architects, Chamber of Commerce, Detroit, Mich.  
Darling, Walter S., masons' & bldrs.' matls., Kingston, N. Y.  
Darling, Wm. P., masons' & bldrs.' matls., Kalamazoo, Mich.  
Darlington Brick & Mining Co., Darlington, Pa.  
Darlington Brick & Tile Co., Darlington, S. C.  
Darlington Cotton Oil Co., meal, Darlington, S. C.  
Darlington Fertilizer Co., Darlington, S. C.  
Darlington, Howard G., contractor, West Chester, Pa.  
Darlington's, M., Sons, canned goods, Pomeroy, Pa.  
Darmer, C. A., architect, 1111½ B'way, Tacoma, Wash.  
Darnell-Love Lumber Co., mill, lbr., etc., Memphis, Tenn.  
Darr Cyanide Machy. Co., Denver, Colo.  
Darragh, Small & Co. (Ltd.), coconut oil, cocoa mats, 177 Water, N. Y. City.  
Darrah Milling Co., flour, Big Rapids, Mich.  
Darrin, D. H., rheostats, 4 White, New York.  
Darrow, Alfred L., architect, 8 Beacon, Boston, Mass.  
Darrow & Comstock Co., mill & facty. supplies, New London, Conn.  
Darrow, F. H., Steel Boat Co., Albion, Mich.  
Darrow's, Rufus, Son, masons' & bldrs.' matls., 618 W. 49th, New York.  
Darsh, Chas. H., architect, Westfield, N. J.  
Darst, Otto C., architect, Brunson Bldg., Columbus, O.  
Dart, E. M., Mfg. Co., pipe unions, mfrs., 136 Clifford, Providence, R. I. *See adv index at end of book.*  
Dart, H. W., lumber, Dartford, Wash.  
Dart, Jas. A., & Son, cornices, Port Huron, Mich.  
Dart Motor Truck Mfg. Co., Waterloo, Ia.  
Dart & Wardrop, architects, Judge Bldg., Salt Lake City, Utah.  
Dart, Whitman, architect, Gumbel Bldg., Kansas City, Mo.  
Darting & McGavren, canned goods, Glenwood, Ia.  
Daru & Huffman, elec. light fix. mfrs., 18 Bergen, Brooklyn, N. Y.  
Darwin & Milner, steel, 281 Water, New York.  
Dary Ring Traveler Co., tex. machy., supplies, etc., Taunton, Mass.  
Dashiell, C. M., canned goods, Princess Anne, Md.  
Dassau, Fred'k, architect, 1373 B'way, Brooklyn, N. Y.  
Dassler, S. W., contractor, New Rochelle, N. Y.  
Datz, Chas. F., Co., packing box mfrs., 482 N. 5th, Phila., Pa.  
Daub, Walter T., architect, 341 5th av, New York.  
Daube & Hopken, balances, assay & analytical, 39 Carlton av, Jersey City, N. J.  
Daubenmire, C. E., drain tile, Union City, Ind.  
Daubenspeck, Chas. B., contractor, Allentown, Pa.  
Dauber Bell Mach. Co., Oshkosh, Wis.  
Dauber-Kratsch Co., machinists, Oshkosh, Wis.  
Dauch Mfg. Co., traction engines, Sandusky, Ohio.  
Dauchy, Chas. H., & Co., plate glass, Troy, N. Y.  
Dauchy Iron Wks., 223 W. Illinois, Chicago, Ill.  
Daugherty, A. E., watchman's clocks, Penn Bldg., Pittsburgh, Pa.  
Daugherty Bros. Brick Co., Kittanning, Pa.  
Daugherty Foundry Co., Allentown, Pa.  
Daugherty-Smith-Phillips Co., electricians' drills, 502 W. Division, Chicago, Ill.  
Daugherty, W. H., & Son, petroleum, Petrolia, Pa.  
Dauley & Wright, stone producers, Oneonta, N. Y.  
Daum, A. F., Elec. Fuse Co., 1157 Hodgkiss, Pittsburgh, Pa.  
Daup, L. G., Co., mattresses, Omaha, Neb.  
Dauphin, Wm., Bronze & Iron Wks., 141 W. 33d, New York.  
Dauplais, A., bldg. contr., Superior, Wis.  
Dauplais, A. J., contractor, Superior, Wis.  
Daus, Felix F., Duplicator Co., 111 John, New York.  
Dautel, L., & Son Co., contractor, 5710 Hough av, N. E., Cleveland, Ohio.  
Dautoff, J. D., architect, Stock Exch. Bldg., Portland, Ore.  
Dautremont, Frank, brick, Monticello, Ia.  
Dave Machine Co., machinists, 314 S. B'way, Lawrence, Mass.  
Davelaar, Wm., architect, 204 Grand av, Milwaukee, Wis.  
Davenport Brick & Tile Co., Davenport, Ia.  
Davenport Granitoid Co., Davenport, Ia.  
Davenport-Brown Co., sash, door & blind mfrs., Somerville, Mass.  
Davenport, Harry C., founders, Blissfield, Mich.  
Davenport, John, Co., machsts. & fndrs., Stamford, Conn.  
Davenport & Keeler, chemists, New Britain, Conn.  
Davenport, L. M., Co., whol. hdwe., 3478 E. 5th, Los Angeles.



- Davenport Ladder Co., Davenport, Ia.  
Davenport Locomotive Works, Davenport, Ia.  
Davenport Mach. & Fdry. Co., Davenport, Ia.  
Davenport Machine Tool Co., clock pinions, drilling & automatic screw machy., New Bedford, Mass.  
Davenport Mfg. Co., machsts. & fndrs., Davenport, Ia.  
Davenport, Mart. & Co., hgt. contrs., Lockport, N. Y.  
Davenport-Paine Co., lbr. mfrs., Holquiam, Wash.  
Davenport Pearl Button Co., Davenport, Ia.  
Davenport, Peters Co., lumber, 70 Kilby, Boston, Mass.  
Davenport Planter Co., Wheaton, Ill.  
Davenport, S. F., steam engines, Hallowell, Me.  
Davenport Stone & Marble Co., Davenport, Ia.  
Davenport & Treacey Piano Co., 909 Park av, New York.  
Davenport Wagon Co., Davenport, Ia.  
Davenport Washing Mach. Co., Davenport, Ia.  
Daverman, J. & G., architects, Ass'n of Commerce Bldg, Grand Rapids, Mich.  
Davey & Crowther, architects, Coal Exch. Bldg., Scranton, Pa.  
Davey, Edw. J., & Co., granite, 135th & Park av, New York.  
Davey, E. H. Co., paper & pulp mills, Bloomfield, N. J.  
Davey Fibre Products Co., cardboard, gaskets, 1164 Laidlaw av, Jersey City, N. J.  
Davey, J. Jeffery, architect, Brandeis Theatre Bldg, Omaha, Neb.  
Davey, John H., granite tools, New London, Conn.  
Davey, W. O., & Sons, paper & pulp mills, 174 Laidlaw, Jersey City, N. J.  
Davia Bros., floor mosaics, 161 W. 24th, Chicago, Ill.  
David, Lester W., lumber Co., Seattle, Wash.  
David, P., Co., machinists, 21st & Indiana, San Francisco, Cal.  
Davidheiser, F. B., brick, Pottstown, Pa.  
Davidoff, J., mchy., guards & safety devices, 733 Lafayette av., Brooklyn, N. Y.  
Davids, Thaddeus, Ink Co., 97 Vandam, New York.  
Davidson, Wayland F., architect, Charlestown, W. Va.  
Davidson, A. C., contractor, Rochester, Ind.  
Davidson, Alex., masons' & bldrs.' matls., Canandaigua, N. Y.  
Davidson Bros. Marble Co., ft. of Orleans, Chicago, Ill.  
Davidson, Chas., elec. & gas light fixtures, 37 Rankin, Newark, N. J.  
Davidson, Chas. E., portable grain elevator, Eureka, Ill.  
Davidson Chemical Co., Garrett Bldg., Baltimore, Md.  
Davidson Commission Co., fullers' earth, 140 W. Van Buren, Chicago, Ill.  
Davidson Construction Co., 1445 E. 16th, Los Angeles, Cal.  
Davidson, D. H., pkg. box mfrs., 2005 Washn. av, Phila., Pa.  
Davidson-Dietrich Plow Co., Evansville, Ind.  
Davidson-East-Molyneux Co., flour mills, Rockwood, Tenn.  
Davidson Granite Co., Lithonia, Cal.  
Davidson, H. B., carriages, Springfield, Ill.  
Davidson, H. O., architect, 10209 Somerset av, N. E., Cleveland, Ohio.  
Davidson, Hicks & Greene Co., lumber, Nashville, Tenn.  
Davidson, Jas., ship builders, Bay City, Mich.  
Davidson, J. M., contractor, Akron, Ohio.  
Davidson, J. W., & Co., elec. light fix. mfrs., 629 Main, Cincinnati, Ohio.  
Davidson, Lockwood & Weiss, architects, Monadnock Blk., Chicago, Ill.  
Davidson, M. I., Co., hair cloth mfrs., 1100 Shackamaxon, Philadelphia, Pa.  
Davidson, M. T., Co., machsts. & plunger pumps, 43 Keap, Brooklyn, N. Y.  
Davidson Mill & Elevator, flour, Muskogee, Okla.  
Davidson Ore Mining Co., White Bldg., Buffalo, N. Y.  
Davidson, Richard Co., dock bldr., New London, Conn.  
Davidson Rubber Co., Boston, Mass.  
Davidson, S. M., Co., masons' & bldrs.' matls., Matteawan, N. Y.  
Davidson Steel & Forging Corp., 122 Maiden la, New York.  
Davidson & Stevenson Porcelain Co., insulators, East Liverpool, Ohio.  
Davidson, W. H., dry docks, New London, Conn.  
Davidson, W. J., & Sons, masons' & bldrs.' & mill & facty. supplies, Beaver Falls, Pa.  
Davie, J. T., Brick Co., common, Spokane, Wash.  
Davies, Edgar W., canned goods, Leesburg, N. J.  
Davies, Fred G., baled shavings, North Tonawanda, N. Y.  
Davies, J. C., contractor, Saginaw, Mich.  
Davies, John, architect, 177 Castleton av, Tompkinsville, N. Y.  
Davies, John G., machinist, Sacramento, Cal.  
Davies, John J., & Co., steel struct. dlrs., 20th & Clearfield, Philadelphia, Pa.  
Davies, K. M., Co., canned goods, Williamson, N. Y.  
Davies Supply Co., mill & facty. & plumbers' supplies, 412 W. Ontario, Chicago, Ill.  
Davies & Thomas Co., machsts. & fndrs., Catasauqua, Pa.  
Davies, Young Soap Co., Dayton, Ohio.  
Daviness County Dist. Co., Owensboro, Ky.  
D'Avignon, Francis P., stone producers, New London, Conn.  
D'Avino & Marchetti, architects, 42 Church, New Haven, Conn.  
Davin, J. J., drilling tools, Washington, Pa.  
Davis, Abraham, architect, 13 Newark av, Jersey City, N. J.  
Davis, A., & Bros., crushed stone, Hermitage rd, Richmond, Va.  
Davis, A. C., architect, Shawnee, Okla.  
Davis, A. C., Lbr. Co., Columbus, Ohio.  
Davis, A. L., Son, carriages, Binghamton, N. Y.  
Davis Acetylene Co., 90 Prospect, Elkhart, Ind.  
Davis, Albert E., architect, 258 E. 138th, New York.  
Davis & Andrews Co., flour mills, Memphis, Tenn.  
Davis & Archer, contractors, Richmond, Va.  
Davis Bar Harbor Buckboard Co., carriages, Bar Harbor, Me.  
Davis-Birely Table Co., Shelbyville, Ind.  
Davis Boring Tool Co., 3722 Forest Pk. blvd., St. Louis, Mo.  
Davis-Bournonville Co., oxyacetylene welding & cutting apparatus, Jersey City, N. J.  
Davis Brake Beam Co., Johnstown, Pa.  
Davis, Brinton B., architect, Inter-Southern Bldg., Louisville, Ky.  
Davis & Brooks, architects, cor. Lewis & Gold, Hartford, Conn.  
Davis Bros., concrete reinf. bars, spikes, etc., 29th & Bristol, Philadelphia, Pa.  
Davis Bros., contractors, Richmond, Va.  
Davis Bros., cornices & skylights, 204 Dilworth, Pittsburgh, Pa.  
Davis Bros., flour mills, Smyrna, Tenn.  
Davis Bros., granite, West Berlin, Vt.  
Davis Bros. & Co., masons' & bldrs.' matls., Saltsburg, Pa.  
Davis Bros. Lumber Co., Ansley, La.  
Davis Bros. Stone Co., Lannon, Wis.  
Davis, C. A., contractor, Security Bk. Bldg., Minneapolis, Minn.  
Davis, C. A., & Son, masons' & bldrs.' matls., Goshen, Ind.  
Davis, C. E., Packing Co., fertilizer mfrs., Fleeton, Va.  
Davis, C. H., & Co., Inc., meat packers, Norwich, Conn.  
Davis, C. K., Mfg. Co., locomotives, Detroit, Mich.  
Davis, C. M., & Co., woolen flannels, Northfield, Vt.  
Davis, C. W., contractor, Champaign, Ill.  
Davis Chair Co., Marysville, Ohio.  
Davis, Chas. M., architect, 28 E. 49th, New York.  
Davis Coal & Coke Co., Continental Bldg., Baltimore, Md.  
Davis Const. Co., hgt. contrs., 175 N. Dearborn, Chicago, Ill.  
Davis Construction Co., Plymouth Bldg., Minneapolis, Minn.  
Davis Construction Co., Union Trust Bldg., Washington, D. C.  
Davis & Dane, architects, 1024 Main, Bridgeport, Conn.  
Davis & Daniels Co., masons' & bldrs.' matls., Mitchell, S. D.  
Davis, David, architect, 41 E. 4th, Cincinnati, Ohio.  
Davis, David R., architect, 526 S. Wisconsin, Racine, Wis.  
Davis & Davis, architects, 64 E. Van Buren, Chicago, Ill.  
Davis, E. C., & Co., machinists, Seneca Falls, N. Y.  
Davis, E. T., contractor, Springfield, Mass.  
Davis, Edw. H., architect, Connell Bldg., Scranton, Pa.  
Davis, Ed. L., architect, 159 Clinton, Schenectady, N. Y.  
Davis, Edward L., Lumber Co., Louisville, Ky.  
Davis, Emry, inks, inkstands, 298 B'way, New York.  
Davis, F. H., machinist, Cambridge, Mass.  
Davis, F. M., Iron Wks. Co., machsts. & fndrs., Denver, Colo.  
Davis & Farnum Mfg. Co., machsts. & fndrs., Waltham, Mass.  
Davis Fire Brick Co., Oak Hill, Ohio.  
Davis Foundry, Hornell, N. Y.  
Davis Foundry Co., Lawrence, Mass.  
Davis Foundry & Machine Works, Rome, Ga.  
Davis, Fred'k L., architect, Leominster, Mass.  
Davis, Fred. W., wood pails & buckets, Keene, N. H.  
Davis & Furber Machine Co., North Andover, Mass.  
Davis & Geck, cat-gut, 217 Duffield, Brooklyn, N. Y.  
Davis, G. M., & Son, tanks—wood, Palatka, Fla.  
Davis, G. R., cornices & sylights, Paducah, Ky.  
Davis, Geo. A., Construction Co., South Bend, Ind.  
Davis, Geo. C., chemists, engineers, 39 S. 10th, Philadelphia, Pa.  
Davis, Geo. H., stone, Blue Springs, Neb.  
Davis, Geo. H., architect, 411 Perry av, Peoria, Ill.  
Davis, Geo. M., Regulator Co., 422 Milwaukee av, Chicago, Ill.  
Davis, Geo. M., & Son, contractors, Somerville, Boston, Mass.  
Davis, Geo. W., carriage robes, Worcester, Mass.  
Davis, Geo. W., Motor Car Co., Richmond, Ind.  
Davis, H. B., Co., enamels, paints, varnishes, etc., Keyser Bldg., Baltimore, Md.  
Davis-Hansen Co., sift pumps, Oshkosh, Wis.  
Davis Hardware Co., Gardner, Mass.  
Davis Hdwe. Mfg. Co., Gloucester, Mass.  
Davis, Herbert M., machsts. & fndrs., Dover, N. H.  
Davis & Hopkins Lumber Co., Princeton, Ill.  
Davis, Horwich & Steinman, bedstead mfrs., 2236 La Salle, Chicago, Ill.  
Davis, Howe & Co., machsts. & fndrs., Salt Lake City, Utah.  
Davis, Hunt & Collister Co., wholesale hdwe., 2056 Ontario, Cleveland, Ohio.  
Davis, I. B., & Son, machsts., Hartford, Conn.  
Davis Instrument Mfg. Co., anemometers, 112 W. Fayette, Baltimore, Md.  
Davis, J. C., contractor, Garfield Bldg., Cleveland, Ohio.  
Davis, J. H., cream separators, Sparta, Wis.  
Davis, J. H., & Son, lumber, Kathleen, Ga.  
Davis, Jno., cornices, 170 Court, Brooklyn, N. Y.  
Davis, J. P., contractors, Owensboro, Ky.  
Davis, J. W., architect, Warren, Ohio.  
Davis, J. W., contractor, Newport News, Va.  
Davis, Jas. S., machst. & fndr., Omaha, Neb.  
Davis, Jas. & Son, machsts., 463 Pacific av, Jersey City, N. J.  
Davis, John B., ladders, ironing boards, curtain stretchers, Clinton, Mo.  
Davis, John C., contractor, Scranton, Pa.  
Davis-Johnson Mfg. Co., machsts., 4518 Lex., Chicago, Ill.  
Davis & Kermod, brick, Livingston, Montana.



- Davis, L. D., fndrs., 15th & French, Wilmington, Del.  
 Davis, L. E., machst. & fndr., Hinckley, Ill.  
 Davis, L. M., contractor, Pensacola, Fla.  
 Davis, L. O. & E. S., masons' & bldrs.' matls., Middleton, Conn.  
 Davis, Lewis T., contractor, Poughkeepsie, N. Y.  
 Davis, Louis N., machsts., West Chester, Pa.  
 Davis Lumber Co., Shamokin, Pa.  
 Davis Lumber & Planing Mill Co., sash, door & blind, Christiana, Pa.  
 Davis & Lippincott, canned goods, Woodstown, N. J.  
 Davis & McLae Mfg. Co., tex. machy., supplies, roll covers, Fall River, Mass.  
 Davis, McGrath & Kiessling, architects, Fuller Bldg., New York.  
 Davis, M. L., lumber mfr., Oak Grove, Ala.  
 Davis, M. M., & Son, ship bldrs., Solomous, Md.  
 Davis, M., & Sons, machsts., Salem, Ohio.  
 Davis, M. Stuart, architect, Louisburg, N. C.  
 Davis Mach. Shop, Rock Island, Ill.  
 Davis Machine Tool Co., St. Paul, Rochester, N. Y.  
 Davis Mach. Wks., Burlington, Vt.  
 Davis Marble Co., floor mosaics, 1450 W. North av, Chicago, Ill.  
 Davis Mill Co., flour, Galesville, Wis.  
 Davis, Milton C., contractor, 633 N. Calvert, Baltimore, Md.  
 Davis Mfg. Co., tractor motors, 57th & Mitchell, Milwaukee, Wis.  
 Davis Milk Machy Co., cream separators, 10 S. La Salle, Chicago, Ill.  
 Davis, Millard F., architect, Hildreth Bldg., Lowell, Mass.  
 Davis & Mowrey, masons' & bldrs.' matls., Spring City, Pa.  
 Davis, N. Frank, mill & facty. supplies, Fall River, Mass.  
 Davis, N. R., & Sons, machsts. & fndrs., Assonet, Mass.  
 Davis, Norris K., Mach. Wks., concrete mixers, elec. furnaces, etc., 400 7th, San Francisco, Cal.  
 Davis, O. C., Co., steam fitters' supplies, Racine, Wis.  
 Davis Oil Co., tallow, 95 9th, Brooklyn, N. Y.  
 Davis, O. L., canned goods, Park Rapids, Minn.  
 Davis, O. L., Lumber Co., Trinidad, Colo.  
 Davis Paper Co., lthr. boards, Contocook, N. H.  
 Davis Paper Co., West Hopkinton, N. H.  
 Davis Planing Mill Co., sashes, doors & blinds, Springfield, Mo.  
 Davis, R. A., flour mills, Gibbon, Neb.  
 Davis, R. G., contractor, Carnegie, Pa.  
 Davis, Robt. L., contractor, Tampa, Fla.  
 Davis, Rodney, gears, 624 Race, Philadelphia, Pa.  
 Davis, S. H., Co., mill & facty. supplies & wholesale hdwe., 68 Portland, Boston, Mass.  
 Davis, S. & Paul A., 3d, architects, 1713 Sansome, Phila., Pa.  
 Davis & Sargent, lbr., Lowell, Mass.  
 Davis Scott Belting Co., 240 Hawthorne av, Portland, Ore.  
 Davis Sewing Machine Co., Linden & Davis, Dayton, Ohio.  
 Davis & Sherer Co., factory equipment, 226 So. Ludlow, Dayton, Ohio.  
 Davis & Siehl Co., iron fences, 4032 Hamilton av, Cincinnati, O.  
 Davis Slate & Mfg. Co., structural slate, 618 E. 40th, Chicago, Ill.  
 Davis-Smith Co., contractors, 516 Federal, Pittsburgh, Pa.  
 Davis-Speyer Co., sashes, doors & blinds, Hoboken, N. J.  
 Davis Springs Co., Inc., flour, Hiddenite, N. C.  
 Davis Sulphur Ore Co., 65 Wall, New York.  
 Davis, T. B., contractor, Rock Island, Ill.  
 Davis, T. B. & S. S., contrs., stone prod., Rock Island, Ill.  
 Davis, T. E., architect, Asheville, N. C.  
 Davis, T. H., flour mill, Vilonia, Ark.  
 Davis, Thos., & Sons, buttons, 375 Market, Newark, N. J.  
 Davis Trap Rock Works, stone producers, Parkway Bldg., Philadelphia, Pa.  
 Davis Tungsten Lamp Wks., 535 Van Vorst pl, Union Hill, N. J.  
 Davis, W. A., Contrg. Co., Joliet, Ill.  
 Davis, W. Benj., Brick Co., Richmond, Va.  
 Davis, W. G., Coal Co., masons' & bldrs.' matls., Oak Park, Ill.  
 Davis, W. M., & Sons, brick, common, Knoxville, Tenn.  
 Davis, W. S., architect, 321 W. 3d, Los Angeles, Cal.  
 Davis, W., & Sons, harness, saddles, mfrs., 333 Market, San Francisco, Cal.  
 Davis, W. T., & Co., machinists, Comstock, Mich.  
 Davis, W. W., glass stainers, 3922 Olive, St. Louis, Mo.  
 Davis Warehouse Co., Columbus, Ga.  
 Davis-Watson Mfg. Co., flanges, flashings, roofs, Nashua, N. H.  
 Davis, Wm. A., Co., inks, mucilage, etc., 40 Batterymarch, Boston, Mass.  
 Davis, Wm. D., carriages, Lockport, N. Y.  
 Davis, Wm. E. & Co., brick, New Haven, Conn.  
 Davis, Wm. T., architect, 813 14th, N. W., Washington, D. C.  
 Davis, Z. B., Corp., contractors, New Bedford, Mass.  
 Davisboro Fertilizer Co., Davisboro, Ga.  
 Davison, C. J., & Co., fertilizer mfrs., Woodville, Ga.  
 Davison Chemical Co., acid mfrs., Garrett Bldg., Baltimore, Md.  
 Davison Htg. & Cons. Co., Hanover, Pa.  
 Davison & Jones, contractors, Malden, Boston, Mass.  
 Davison, N. C., Co., gas engines, 3145 Penn, Pittsburgh, Pa.  
 Davison-Namack Fdry. Co., Ballston Spa, N. Y.  
 Davisson, O. J., machst. & fndr., Mechanicsville, Ia.  
 Davisson, R. R., Contracting Co., Monrovia, Cal.  
 Davitt Iron Fdry., Springfield, Mass.  
 Davock Building Co., Campau Bldg., Detroit, Mich.  
 Davol Mills, cotton sheetings, Fall River, Mass.  
 Davol Rubber Co., stationers' & druggists' rubber sundries, 69 Point, Providence, R. I.  
 Davy Automatic Fire Escape Co., Union Bldg., Syracuse, N. Y.  
 Davy & Co., wood handles, Evart, Mich.  
 Dawes Electric Sign Mfg. Co., Arrott Power Bldg., Pittsbg., Pa.  
 Dawkins, W. H., Lumber Co., Ashland, Ky.  
 Dawson, A. N., architect, Kiam Bldg., Houston, Tex.  
 Dawson, Albert, corset laces, Pawtucket, R. I.  
 Dawson & Archer, 15 E. 40th, New York.  
 Dawson, B. C., brick, Jefferson City, Mo.  
 Dawson, B. E., canned goods, Berkeley Springs, W. Va.  
 Dawson Bindery Co., 216 N. Main, St. Louis, Mo.  
 Dawson Brick & Tile Co., Springfield, Ill.  
 Dawson Bros., fireplace furnishings mfrs., 523 N. Halsted, Chicago, Ill.  
 Dawson Bros., contractors, 3638 Central av, Minneapolis, Minn.  
 Dawson Bros., contractors, Syracuse, N. Y.  
 Dawson, Chas. W., machst. & fndr., Elwood, Ind.  
 Dawson, Charles W., architect, Muskogee, Okla.  
 Dawson Constr. Co., May Bldg., Pittsburgh, Pa.  
 Dawson & Crim., corn brooms, 4628 S. State, Chicago, Ill.  
 Dawson Home Mixture Guano Co., Dawson, Ga.  
 Dawson, J. R., Mfg. Co., carpet & egg beaters, cork screws, etc., Fairhill Station, Philadelphia, Pa.  
 Dawson, M. C., brick, Rushville, Ind.  
 Dawson Mach. Co., Worcester, Mass.  
 Dawson Milling Co., flour, Dawson Springs, Ky.  
 Dawson, Richard, architect, Brunson Bldg., Columbus, Ohio.  
 Dawson, Wm. E., masons' & bldrs.' matls., Batavia, N. Y.  
 Day, B. T. & S. P., Co., varnish mfrs., 2394 Canal rd, Cleveland, Ohio.  
 Day, Bergwall Co., sweeping compounds, 121 Buffalo, Milwaukee, Wis.  
 Day Chemical Co., Westline, Pa.  
 Day, Clinton, architect, 14 Montgomery, San Francisco, Cal.  
 Day Co., mechanical dust collectors, 38 S. 12th, Minneapolis, Minn.  
 Day, Dexter D., & Son, lime mfrs., Ira, Vt.  
 Day, E. H., lbr. mfrs., Independence, La.  
 Day-Elder Motors Co., 161 Ogden, Newark, N. J.  
 Day & Frick, soap, 1760 N. Howard, Philadelphia, Pa.  
 Day, Geo. F., spark plugs, 21 Haverhill, Boston, Mass.  
 Day, H. L., Sons & Co., mattresses, Bangor, Me.  
 Day, H. P. & E., hard rubber, Seymour, Conn.  
 Day, Hiram, masons' & bldrs.' matls., Rensselaer, Ind.  
 Day & Holt Co., cornices, Catskill, N. Y.  
 Day, J., common brick, Paines, Mich.  
 Day, J. H., Co., bakers', etc., machinery, 1184 Harrison av, Cincinnati, Ohio.  
 Day, J. T., ties, poles, etc., Hazel Green, Ky.  
 Day, J. Taylor, lumber, Hazel Green, Ky.  
 Day, Jas. B., & Co., lacquer & varnish mfrs., 214 W. Ohio, Chicago, Ill.  
 Day, John Bagley, architect, 1265 Broadway, New York.  
 Day, John W., & Son, contractors, Gloucester, Mass.  
 Day & Klauder, architects, 925 Chestnut, Philadelphia, Pa.  
 Day & Lee Co., cornices, 107 Water, New Haven, Conn.  
 Day Light Co., paint mfrs., 24 S. 7th, Philadelphia, Pa.  
 Day Lumber Co., Big Lake, Wash.  
 Day Lumber Co., Seattle, Wash.  
 Day Lumber & Coal Co., Jackson, Ky.  
 Day, N. Curtis, masons' & bldrs.' matls., Fletcher Sav. & Trust Bldg., Indianapolis, Ind.  
 Day, Robert L., architect, Huntington, W. Va.  
 Day Rubber Co., mill supplies, 415 N. 4th, St. Louis, Mo.  
 Day, S. A., Mfg. Co., metal polish & plating supplies, 1483 Niagara, Buffalo, N. Y.  
 Day, Stephen, & Son, contractors, New Albany, Ind.  
 Day, T. J., stone, Butler, Mo.  
 Day, T. L., Swing & Co., canned goods, Ridgely, Md.  
 Day, Thos., Co., elec., gas light fix. mfrs. & machsts. & fndrs., 725 Mission, San Francisco, Cal.  
 Day, W. J., screw machine products, Forestville, Conn.  
 Day, Warren W., architect, 527 Main, Peoria, Ill.  
 Day & White, architects, Haverhill, Mass.  
 Day, Wm. M., lumber mfr., Salisburg, Md.  
 Daykin Bros., machsts. & fndrs., 1606 W. 25th, Cleveland, Ohio.  
 Daylight Glass Mfg. Co., 411 Walnut, Philadelphia, Pa.  
 Days, F. A., & Sons, masons' & bldrs.' matls., Provincetown, Mass.  
 Dayton, Albert F., architect, 909 McColloch, Wheeling, W. Va.  
 Dayton Art Glass Wks., Dayton, Ohio.  
 Dayton Asphalt Roofing & Paving Co., Dayton, Ohio.  
 Dayton Body Co., Dayton, Ohio.  
 Dayton Brass Castings Co., founders, Dayton, Ohio.  
 Dayton Bronze Bearing Co., machinists, Dayton, Ohio.  
 Dayton Builders' Supply Co., Dayton, Ohio.  
 Dayton Casket Co., Dayton, Ohio.  
 Dayton Castings Co., machsts. & fndrs., Dayton, Ohio.  
 Dayton D., Handle Co., Dayton, Ohio.  
 Dayton, Dick, Co., engines, pumps, etc., Quincy, Ill.  
 Dayton Elec. Car Co., stor. battery trucks, Dayton, Ohio.  
 Dayton Electrical Mfg. Co., dynamos, motors, etc., 5th & Norwood, Dayton, Ohio.  
 Dayton Engine Wks., Dayton, Ohio.



- Dayton Engineering Laboratories Co., automobile self-starters, Dayton, Ohio.
- Dayton Fan & Motor Co., Ludlow & Bayard, Dayton, Ohio.
- Dayton Fare Recorder Co., registers, Dayton, Ohio.
- Dayton Folding Box Co., 2727 Spring Grove av, Cincinnati, O.
- Dayton Friction Toy Wks., Dayton, Ohio.
- Dayton Globe Iron Works, So. Ludlow, Dayton, Ohio.
- Dayton Glove Co., 11 St. Marys, Dayton, Ohio.
- Dayton Grinding Wheel Co., emery wheel mfrs., Dayton, Ohio.
- Dayton Hardware & Machy. Co., 1st & Taylor, Portland, Ore.
- Dayton Iron & Metal Co., scrap iron & rubber, Dayton, Ohio.
- Dayton Iron & Steel Co., 119 E. 3d, Dayton, Ohio.
- Dayton Last Wks., shoe lasts, Dayton, Ohio.
- Dayton Limestone Co., Dayton, Ohio.
- Dayton Lbr. & Mfg. Co., Dayton, Ohio.
- Dayton Malleable Iron Co., castings, Dayton, Ohio.
- Dayton Mfg. Co., railway supplies, etc., Dayton, Ohio.
- Dayton Metal Products Co., screw machine products, Dayton, O.
- Dayton Milling Co., flour, Dayton, Tenn.
- Dayton Milling Co., rye flour, Towanda, Pa.
- Dayton-Montague Granite Wks., stone producers, Mason City, Ia.
- Dayton & Montgomery, htg. contrs., 9 Lafayette, Brooklyn, N. Y.
- Dayton Paper Nov. Co., wood dishes, Dayton, Ohio.
- Dayton Pipe Coupling Co., Dayton, Ohio.
- Dayton Pitless Scale Co., Dayton, Ohio.
- Dayton Plating & Mfg. Co., Dayton, Ohio.
- Dayton Pneumatic Tool Co., Dayton, Ohio.
- Dayton Pump & Mfg. Co., Dayton, Ohio.
- Dayton Rubber Mfg. Co., 991 Kiser, Dayton, Ohio.
- Dayton Screw Co., Dayton, Ohio.
- Dayton & Smith, architects, Perth Amboy, N. J.
- Dayton Specialty Mach. Co., Dayton, Ohio.
- Dayton Steel Constr. Co., Howell & Wilbur, Dayton, Ohio.
- Dayton Steel Foundry Co., So. Broadway, Dayton, Ohio.
- Dayton Stencil Wks., Dayton, Ohio.
- Dayton Supply Co., plumbers' supplies—jobbers, Dayton, Ohio.
- Dayton, W. B., & Son, htg. contrs., 291 Schermerhorn, Brooklyn, N. Y.
- Dayton Welding & Mfg. Co., clothes washing machines, Dayton, Ohio.
- Dayton, Wm. H., machst. & fndr., North Harpersfield, N. Y.
- Dayton, Wm. H., disinfectants, 4108 E. 100th, Cleveland, Ohio.
- Daytons' Soap Mfg. Co., Millville, N. J.
- Dazey Churn Mfg. Co., 4301 Warne, St. Louis, Mo.
- D. & B. Pump & Supply Co., Los Angeles, Cal.
- D. C. Mfg. Co., supply and waste (bath), Canton, Ohio.
- D. & D. Constr. Co., 42d St. Bldg., New York.
- D. & D. Electric Co., electric controllers, mfrs., 53 W 3d, New York.
- Deacon & Alger, architects, James Bldg., Chattanooga, Tenn.
- Deacon Bros., granite, S. Quincy, Quincy, Mass.
- Deacon, D., cornices & skylights, Stoughton, Mass.
- Deacon, J. C., & Co., lumber mfrs., Loomis S. of 22d, Chicago, Ill.
- Deacon, Walter, & Co., granite, S. Quincy, Quincy, Mass.
- Deacy, Wm. H., architect, 509 5th av, New York.
- Deadwyler-Willford Co., fertilizer, Commerce, Ga.
- Deady, P. F., cornices, Terre Haute, Ind.
- Deakins, Herbert, contractor, 2311 Palm Beach, Pittsburgh, Pa.
- Deal Buggy Co., carriages, Jonesville, Mich.
- Deal & Ginzel, architects, Lincoln, Ill.
- Deal Island Packing Co., canned goods, Deal Island, Md.
- Deal, L. K., Lumber Co., Des Moines, Ia.
- Dealano, E. A., Co., machinists, 1401 W. North, Chicago, Ill.
- Dealers Record Co., trade publications, 1827 Prairie av, Chicago, Ill.
- Dealers Steam Packing Co., Palmyra, N. Y.
- Dealware Hard Fibre Co., Wilmington, Del.
- Deamude Machine Co., machsts. & fndrs., 1591 Columbus rd, Cleveland, Ohio.
- Dean, Arthur D., architect, 4611 Main av, Norwood, Cincinnati, Ohio.
- Dean & Barry Co., paint mfrs., Locust, Columbus, Ohio.
- Dean & Blake, htg. contractors, 668 Fulton, Brooklyn, N. Y.
- Dean Bros. Steam Pump Works, 327 W. 10th, Indianapolis, Ind.
- Dean, C. P., Corp., store fixtures, Richmond, Va.
- Dean, Chas. A., motor boat, launch & yacht bldrs., Alexandria, Va.
- Dean Constr. Co., 491 10th, San Francisco, Cal.
- Dean, Danford W., contractor, Olean, N. Y.
- Dean & Dean, architects, 167 W. Washington, Chicago, Ill.
- Dean, E. Clarence, arch'l water colorists, 2 W. 47th, New York.
- Dean, E. Clarence, architect, 331 Madison av, New York.
- Dean, Edw. C., architect, 1211 Conn. av, N. W., Washing., D. C.
- Dean, Ellsworth, architect, 331 4th av, Pittsburgh, Pa.
- Dean Forging Co., Muncie, Ind.
- Dean, F. W., mill engrs., 53 State, Boston, Mass.
- Dean, H. C., cornices & skylights, Vassar, Mich.
- Dean, Harry, architect, 1035 Curtis av, Richmond Hill, N. Y.
- Dean, Jno. M., Corp., talking machine needles, pins, Putnam, Conn.
- Dean, Levi J., architect, Huntington, W. Va.
- Dean Lbr. & Fuel Co., Spokane, Wash.
- Dean Mill Co., flour, Ava, Ill.
- Dean, O. J., architect, Huntington, Pa.
- Dean, O. J., & Co., elec. ventilating app., Assn. Bldg., Chicago, Ill.
- Dean, O. M., & Sons, corn brooms & steel wire brushes, Worcester, Mass.
- Dean, Ruth, landscape architect, 4 W. 40th, New York.
- Dean, Silas, & Son, rye & buckwheat flour, Oak Hill, N. Y.
- Dean Steam Pump Co., machsts. & fndrs., Holyoke, Mass.
- Dean, W. J., architect, Merchants Bk. Bldg., Indianapolis, Ind.
- Dean, W. J., contractor, 1861 10th, E., Salt Lake City, Utah.
- Dean, Walter R., hot air furnaces, Oakham, Mass.
- Deane, A. M., & Co., granite, S. Quincy, Quincy, Mass.
- Deane, E. L., Machine Co., water filters, T squares, Holyoke, Mass.
- Deane, H. C., Mach. Co., Fitchburg, Mass.
- Deane Steam Pump Co., machsts. & fndrs., 115 B'way, New York.
- Dearborn Brass Co., Cedar Rapids, Ia.
- Dearborn Canning Co., Dearborn, Mo.
- Dearborn Chemical Co., 332 S. Michigan, Chicago, Ill.
- Dearborn Construction Co., Waterloo, Ia.
- Dearborn Cut Stone Co., Dearborn & 61st, Chicago, Ill.
- Dearborn Desk Mfg. Co., Marion, Ind.
- Dearborn Duster Co., 550 W. Harrison, Chicago, Ill.
- Dearborn Foundry Co., manhole covers, crestings & finials, 1922 Archer av, Chicago, Ill.
- Dearborn, H., & Sons, stone producers, Stone City, Ia.
- Dearborn Hdwe. Mfg. Co., 2911 Carroll av, Chicago, Ill.
- Dearborn & Jackson, contractors, Cedar Rapids, Ia.
- Dearborn Mach. Wks., 410 S. Dearborn, Chicago, Ill.
- Dearborn Motor Truck Co., 1250 S. Campbell av, Chicago, Ill.
- Dearhammer, A. L., contractor, Beloit, Wis.
- Dear Incinerator Co., garbage disposal plants, McKnight Bldg., Minneapolis, Minn.
- Dearinger & Brunner, lumber, Addy, Wash.
- Dearking, E. L., cornices, 3830 Glenway av, Cincinnati, Ohio.
- De Arment, Carl, brick, Petoskey, Mich.
- De Arment, Frank H., architect, 343 S. Dearborn, Chicago, Ill.
- De Armond, Ashmead & Bickley, architects, 618 Chestnut, Philadelphia, Pa.
- Deatherage, Ben. S., Lumber Co., 403 R. A. Long Bldg., Kansas City, Mo.
- Deatherage Lbr. Co., sash, door & blind mfrs., 403 R. A. Long Bldg., Kansas City, Mo.
- Deats, Emley H., lbr., Pittstown, N. J.
- Deats, Hiram, Jr., rollers—land & field, Pittstown, N. J.
- Deavitt-Clark Packing Co., canned goods, Biloxi, Miss.
- Deavitt, H. M., chemist, 209 S. La Salle, Chicago, Ill.
- De Bar Co., oils, varnish, bronzing liquids, 1 State, New York.
- De Beer, Jacob, baseball mfrs., Johnstown, N. Y.
- Debevoise-Anderson Co., pig iron, coke, ores, 56 Liberty, New York.
- Debevoise Co., paint mfrs., 968 Grand av, Brooklyn, N. Y.
- Debo Canning Co., Moneta, Va.
- Debo & McLain Canning Co., Goodview, Va.
- De Bobula, Titus, architect, 10 E. 43d, New York.
- de Brauwere, Victor F. V., architect, Plymouth Bldg., Minneapolis, Minn.
- Debrook Co., chemical importers, 15 Park Row, New York.
- Debs, Chas. H., Co., elec. light fix. mfrs., 170 W. Randolph, Chicago, Ill.
- Debus, Wm., architect, 86 Cedar, Brooklyn, N. Y.
- De Busk, John, flour mills, Glade Springs, Va.
- De Buys, Rathbone, architect, Hibernia Bldg., New Orleans, La.
- Decalcomania Co., transfer ornaments, 20 W. Jackson blvd., Chicago, Ill.
- De Camp, Benj. C., architect, Neave Bldg., Cincinnati, Ohio.
- De Camp, Lee, architect, Empress Theatre Bldg., Grand Rapids, Mich.
- De Camp & Sloan Mfg. Co., contractors, 420 Ogden, Newark, N. J.
- Decarbonated Lime & Stone Co., Waynesboro, Pa.
- Decatur Brick Mfg. Co., Decatur, Ill.
- Decatur Bridge Co., steel struct. wks., Decatur, Ill.
- Decatur Bldrs. Supply Co., masons' & bldrs.' matls., Decatur, Ill.
- Decatur Car Wheel Co., machsts. & fndrs., Savannah, Ga.
- Decatur Coffin Co., Decatur, Ill.
- Decatur Cornice & Roofing Co., New Decatur, Ala.
- Decatur Cornice & Roofing Co., Decatur, Ill.
- Decatur Const. Co., contrs., Decatur, Ill.
- Decatur Fertilizer Co., Decatur, Ala.
- Decatur Fertilizer Co., Decatur, Ind.
- Decatur Fdry. Co., Decatur, Ill.
- Decatur Fdry., Furnace & Mach. Co., Decatur, Ind.
- Decatur Fountain Co., Decatur, Ill.
- Decatur Hoop & Lumber Co., Decatur, Mich.
- Decatur & Hopkins Co., whol. hdwe., 120 High, Boston, Mass.
- Decatur Lbr. & Mfg. Co., masons' & bldrs.' matls., Decatur, Ill.
- Decatur Malleable Iron Co., castings, Decatur, Ill.
- Decatur Mfg. Co., wire fences & gates, Decatur, Ill.
- Decatur Trunk Fcty., Decatur, Ill.
- Dececo Co., plumbers' supplies—jobbers, 157 High, Boston, Mass.
- Decherd Mill Co., flour, Decherd, Tenn.
- Deck Bros., machsts., Buffalo, N. Y.
- Deckebach, F. C., Sons Co., fndrs., 123 W. Court, Cincinnati, O.
- Decker, Adam, Hardware Co., 347 Jackson, St. Paul, Minn.
- Decker Bros. Co., pianos, 1223 Miller, Chicago, Ill.
- Decker, C. E., architect, 520 East, San Diego, Cal.
- Decker, C. F., masons' & bldrs.' matls., Vermilion, Ohio.
- Decker Co., billiard tables, 62 Cooper sq., New York.
- Decker, E. S., sash, door & blind mfrs., Springfield, Mass.
- Decker, Fred'k, & Son, contractors, 1209 E. Biddle, Balto., Md.



- Decker, Harry M., architect, 609 B'way, Utica, N. Y.  
 Decker, J. L., architect, Stambaugh Bldg., Youngstown, O., & Farrell, Pa.  
 Decker, Jacob E., & Sons, meat packers, Mason City, Ia.  
 Decker, John, & Son, cornices, 2704 Girard av, Philadelphia, Pa.  
 Decker, Louis, cornices, La Porte, Ind.  
 Decker Mfg. Co., hog ringers, hardware, Keokuk, Iowa.  
 Decker Mfg. Co., self-heating soldering irons, gasoline blow torches, 251 Elm, Newark, N. J.  
 Decker, R. A., architect, Rhinebeck, N. Y.  
 Decker & Son, pianos, 701 E. 135th, New York.  
 Deckert, W. D., Co., mill & facty. supplies, Dubuque, Ia.  
 Deckman-Duty Brick Co., Sweetland Bldg., Cleveland, Ohio.  
 Decorative Art Glass Co., Davenport, Ia.  
 Decorative Glass Co., 3248 Chestnut, Philadelphia, Pa.  
 Decorative Stained Glass Co., 312 W. 34th, New York.  
 Decorative Stone Co., artificial bldg. stone, New Haven, Conn.  
 Decorators Supply Co., architectural decorators, models, supplies, etc., Archer & Leo, Chicago, Ill.  
 De Coster, Mills & Co., contractors, Morristown, N. J.  
 De Cou, Richard, Co., scrap iron, 12th & Noble, Philadelphia, Pa.  
 De Courcy, A. B., & Co., organs, 634 Harrison av, Boston, Mass.  
 De Croupot Iron Wks., fndrs., 345 Monroe av, Detroit, Mich.  
 De Curtins, Andrew, architect, Lima, Ohio.  
 Deddens, Wm., Dist. Co., 223 W. 6th, Cincinnati, Ohio.  
 Dederichs, Peter, archt., Chamber of Com. Bldg., Detroit, Mich.  
 Dederick, A. E., contractor, Kingston, N. Y.  
 Dedham Pottery Co., Dedham, Mass.  
 De Dion-Bouton Auto Co., 110 W. 54th, New York.  
 Dedrick, N., machsts., Manitowoc, Wis.  
 Dedrick & Piner, architects, Billings, Mont.  
 Dee, Thos. J., & Co., smelters & refiners, 5 S. Wabash av, Chicago, Ill.  
 Dee, Wm. E., Co., castings, sewer covers, gratings, etc., 30 N. La Salle, Chicago, Ill.  
 Deebes, G. H., Lbr. Co., 80 E. Jackson blvd, Chicago, Ill.  
 Deed, Wm. J., Jr., naval archt., 112 Water, Boston, Mass.  
 Deeken, John Henrl, archt., Union Central Bldg., Cincinnati, O.  
 Deeks, Deeks & Smith, bldg. contrs., N. Y. Life Bldg., St. Paul, Minn.  
 Deeley, Robt., & Co., machsts. & fndrs., 29 B'way, New York.  
 Deemer Steel Casting Co., New Castle, Del.  
 Deen, C. Clarence, flour mills, Fowling Creek, Md.  
 Deen Loom Co., machsts. & fndrs., Harlan, Ia.  
 Deen Turpentine Co., Laughman, Fla.  
 Deep Cove Mfg. Co., fertilizer mfrs., Eastport, Me.  
 Deep River Brick & Tile Co., Deep River, Ia.  
 Deer, A. J. Co., machsts., Hornell, N. Y.  
 Deere & Co., agricultural implements, Moline, Ill.  
 Deere, John, Harvester Wks., binders, mowers, etc., East Moline, Ill.  
 Deere, John, Plow Co., silos, 130 Hickory, Kansas City, Mo.  
 Deere, John, Plow Co., wagons, 2204 B'way, St. Louis, Mo.  
 Deere, John, Plow Works, agricultural implements, Moline, Ill.  
 Deere, John, Wagon Works, Moline, Ill.  
 Deere & Mansur Co., machsts. & fndrs., planters, drills, etc., Moline, Ill.  
 Deerfield Lumber Corp., Wilmington, Vt.  
 Deering, G. G., & Co., ship bldrs., Bath, Me.  
 Deering, J. G., & Son, packing box mfrs., Biddeford, Me.  
 Deering, R. A., & Son, cornices & skylights, Newport, Me.  
 Deery, John Jerome, architect, Land Title Bldg., Phila., Pa.  
 Deeter, Isaac, brick, Pleasant Hill, Ohio.  
 Deetz & Co., cornices, Duluth, Minn.  
 Deeves, G. H., Lbr. Co., ties, poles, etc., Ry. Exch., Chicago, Ill.  
 Deeves, J. H., & Bro., contractors, 103 Park av, New York.  
 Deeves, Richard, & Son, contractors, 309 B'way, New York.  
 Defender Automatic Regulator Co., Oriol Bldg., St. Louis, Mo.  
 Defender Photo Supply Co., Rochester, N. Y.  
 Defendorf, Chas. J., bldg. contr., Auburn, N. Y.  
 De Fi Mfg. Co., carbon paper, etc., 150 Nassau, New York.  
 Defiance Box Co., Defiance, Ohio.  
 Defiance Button Mach. Co., 43 W. 24th, New York.  
 Defiance Carriage Co., Defiance, Ohio.  
 Defiance Checkwriter Corp., Rochester, N. Y.  
 Defiance Glove & Mitten Works Co., Defiance, Ohio.  
 Defiance Lantern & Stampings Co., 15 Caledonia av, Rochester, N. Y.  
 Defiance Lumber Co., Tacoma, Wash.  
 Defiance Machine Works, woodworking, Defiance, Ohio.  
 Defiance Mfg. Co., blue & black prints, drawing materials, etc., 22 E. 41st, New York, & Sumrdales Sta., Philadelphia, Pa.  
 Defiance Paper Co., Niagara Falls, N. Y.  
 Defiance Pressed Steel Co., machsts., Defiance, Ohio.  
 Defiance Screw Machine Products Co., Defiance, Ohio.  
 Defiance Starch Co., Omaha, Neb.  
 Defiance Welding Co., machsts., Defiance, Ohio.  
 De Foe Boat & Motor Wks., Bay City, Mich.  
 Deford Co., lthr. belt butts, 42 S. Calvert, Baltimore, Md.  
 De Forest, Ailing, architect, Sibley Bldg., Rochester, N. Y.  
 De Forest, E. G., architect, 280 Madison av, New York.  
 De Forest & Hotchkiss Co., lbr. mfrs., 115 Water, New Haven, Conn.  
 De Forest Radio Telephone & Tel. Co., 1391 Sedgwick av, New York.  
 De Forest Sheet & Tin Plate Co., Niles, Ohio.  
 De Forge, L. M., mill & facty. supplies, 83 Hixon pl, Newark, N. J.  
 De Frain Sand Co., Beach & Berks, Philadelphia, Pa.  
 Defrees, C. H., masons' & bldrs. matls., contractor, South Bend, Ind.  
 De Frehn, W. & Sons, revolving chairs, Johnstown, Pa.  
 Defreville & Masset, castings, 60 Elm, Newark, N. J.  
 Degen, L. P., Belting Co., 258 Mission, San Francisco, Cal.  
 De Garmo, Walter C., architect, Miami, Fla.  
 Degenhart & Co., cornices, 1910 Niagara, Buffalo, N. Y.  
 De Gerdtsdorff, Geo. B., architect, 103 Park av, New York.  
 Degnon Contracting Co., 68 Hunters Pt. av, Long Isl. City, N. Y.  
 De Golyer, James, contractor, Seymour, Ind.  
 De Golyer, Robt. S., architect, 122 S. Michigan av, Chicago, Ill.  
 De Golyer Varnish Wks., Troy, N. Y.  
 De Gouvella, Jos., contractor, Jacksonville, Ill.  
 De Graff Canning Co., De Graff, Ohio.  
 De Grasse Paper Co., Pyrites, N. Y.  
 De Grauw, Aymer & Co., cordage mfrs., boat oars, 34 South, New York.  
 De Groot, Wm. E., contractor, Bristol, Pa.  
 De Guere, L. A., architect, Grand Rapids, Wis.  
 De Haas, N. G., masons' & bldrs. matls., Marquette, Mich.  
 De Hammel Construction Co., Amer. Trust Bldg., Cleveland, O.  
 De Hart & Dist. Co., Hartville, Va.  
 De Hart, I. N., & Son, sash, door & blind, Nashville, Tenn.  
 De Hart, John, architect, 1039 Fox, New York.  
 De Haven, B. F., flour mills, Gainsboro, Va.  
 De Haven Mfg. Co., bands, box straps, pail clasps, bale ties, box & crate fasteners, etc., 50 Columbia Hgts., B'klyn, N. Y.  
 De Hertogh, Ruckaberle & Co., architects, 25 W. 42d, New York.  
 Dehli, Arne, architect, 257 B'way, New York.  
 Dehner & Wershey, cornices, Lincoln, Ill.  
 De Hoff, H. E., architect, 48 S. 61st, Philadelphia, Pa.  
 Deible, H. C., carriages, Reynoldsville, Pa.  
 Deibler, Geo. H., contractor, McAlester, Okla.  
 Deil, Louis E., architect, 1133 Broadway, New York.  
 Deily & Fowler Mfg. Co., gas holders, 39 Laurel, Phila., Pa.  
 Deily, G. B. F., masons' & bldrs. matls., Catasauqua, Pa.  
 Deinzer Mfg. Co., spring beds, mattresses, 57 Catherine, Detroit, Mich.  
 Deisher, J. S., canned goods, Fincastle, Va.  
 Deisler, J. G., contractor, 105 W. 40th, New York.  
 Deissler, P. & Bro., metal casements, etc., 249 S. 6th, Phila., Pa.  
 Deister Concentrator Co., Ft. Wayne, Ind.  
 Deister Machine Co., machsts., Ft. Wayne, Ind.  
 Deitach Bros., traveling bags, 14 E. 17th, New York.  
 Deitering, Chas. H., architect, Central Nat'l Bk. Bldg., St. Louis, Mo.  
 Deitrich, C. F., hay carriers, Bryan, Ohio.  
 Deitrich, Wm. H., contractor, Danville, Va.  
 Deitsch, I. N., silver nov., 1239 Madison av, New York.  
 Deitz, Alonzo E., locks, 73 Clymer, Brooklyn, N. Y.  
 De Jarnette & Carver, architects, Hubbell Bldg., Des Moines, Ia.  
 De Jong, Chas., Bldg. Co., Paterson, N. J.  
 Dejonge, Louis, Co., fly catchers, 71 Duane, New York.  
 De Jute, Jas., contractor, Youngstown, Ohio.  
 De Kalb Mfg. Co., automobile bldrs., Auburn, Ind.  
 De Kalb, W. M., architect, James Bldg., Chattanooga, Tenn.  
 De Kalb Wagon Co., De Kalb, Ill.  
 De Kam, Peter J., architect, Kalamazoo, Mich.  
 Deknatel, J. A., & Son, scientific instrument jewels, 8 Heyward, Brooklyn, N. Y.  
 Delacour, Wm., glass stainer, Oakland, Cal.  
 De Lacroix, Louis, contractor, 2826 Vine, Cincinnati, Ohio.  
 De Lacy, E. J., contractor, 638 G. N. W., Washington, D. C.  
 Delahunty Dyeing Mach. Co., tex. machy., Pittston, Pa.  
 De Laittre-Dixon Lumber Co., 1301 20th av, N., Minneapolis, Minn.  
 Delamater Hardware Co., 8 Woodward av, Detroit, Mich.  
 De Lancey, Edw., sashes, doors & blinds, Lancaster, Ohio.  
 Delaney, Dan'l, & Son, auto. springs, etc., Hamilton, Newark, N. J.  
 Delaney, Edw. D., fndrs., Belleville, N. J.  
 De Laney Forge & Iron Co., 300 Perry, Buffalo, N. Y.  
 Delaney, J. P., contractor, Sea Isle City, N. J.  
 Delaney, M. B., tubular boilers, Hudson, N. Y.  
 Delaney Oil Co., 47 3d, Milwaukee, Wis.  
 De Laney, Thos. M., plumbers' supplies—jobbers, 576 Atlantic av, Brooklyn, N. Y.  
 Delaney, Wm., buttons, 79 Orange, Newark, N. J.  
 Delano & Aldrich, architects, 126 E. 38th, New York.  
 De Lano Bros., cornices & skylights, 70 Spear, San Fran., Cal.  
 Delano, C. F., cornices & skylights, Fairhaven, Mass.  
 Delano Granite Co., Rocklin, Ca.  
 Delanoy, F. W., machinist, Alameda, Cal.  
 Delany & Co., glue mfrs., 209 N. 3d, Philadelphia, Pa.  
 Delany, P. & Co., tubular boilers, steel stacks & tanks, Newburgh, N. Y.  
 Delaplane, C. C., flour mills, Delaplane, Va.  
 Delarue, Robt., & Co., flint pebbles, 149 B'way, New York.  
 Delatour, A. J., lbr., 170 Cherry, New York.  
 Delatte & Lagrange, contractors, Lake Charles, La.  
 Delatush, Henry, Co., contrs., 562 Newark av, Jersey City, N. J.  
 Delatush, J. C., & G. A., architects, Red Bank, N. J.



- De Laval Dairy Supply Co., cream separators, 101 Drumm, San Francisco, Cal.  
 De Laval Separator Co., 165 B'way, New York.  
 De Laval Steam Turbine Co., E. Trenton, N. J.  
*See adv index at end of book.*  
 De La Vergne Machine Co., oil engine blrs., ft. E. 138th, New York.  
 Delaware Bridge Co., Delaware, Ohio.  
 Delaware Clay Mfg. Co., drain tile, Delaware, Ohio.  
 Delaware Coll., engng. schools & coll., Newark, Del.  
 Delaware Elec. & Supply Co., mill, plumbers', steam fitters' supplies, etc., 213 Shipley, Wilmington, Del.  
 Del. Fertilizer Co., Dover, Del.  
 Del. Granite & Mining Co., stone producers, 14th & Pine, Wilmington, Del.  
 Delaware Hard Fibre Co., Wilmington, Del.  
*See adv index at end of book.*  
 Delaware Hardware Co., 2d & Shipley, Wilmington, Del.  
 Delaware Marine Mfg. Co., hdwe. mfrs., B. & O. R. R. & Conrd., Wilmington, Del.  
 Del. Metal Culv. Co., Clayton, Del.  
 Delaware Metal Refinery, babbitt metal, testing scales, spelter, etc., Washington & 18th, Philadelphia, Pa.  
 Delaware River Quarry & Construction Co., 26 Exchange pl, Lambertville, & Jersey City, N. J.  
 Delaware River Steel Co., blast furnaces, Chester, Pa.  
 Delaware Sash Weight Co., Wilmington, Del.  
 Delaware Seamless Tube Co., Auburn, Pa.  
 Delaware Terra Cotta Co., brick, 819 Shipley, Wilmington, Del.  
 Delcampe Welding Co., Bridgeport, Conn.  
 Del Carlo, C., contractor, Norwich, Conn.  
 Deleahanty, Bradley, architect, 2 W. 45th, New York.  
 Delelaar, M., Son & Co., brick, 153 Pryor av. Milwaukee, Wis.  
 Delevan Mfg. Co., roofing cements, compounds & paints, etc., 65 Delevan, Brooklyn, N. Y.  
 Delgado, J., Mfg. Co., canned goods, Dallas, Tex.  
 Delgado Mills, tickings, Wilmington, N. C.  
 Del Gaudio, M. W., architect, Webster & Tremont avs, New York.  
 Del Giudice, A., & Son, granite, 703 Atwells av, Providence, R. I.  
 Del Guercio, A., architect, 222 Washington, Newark, N. J.  
 Delight Lumber Co., Delight, Ark.  
 De Lima, D. A., & Co., crude rubber, 8 Bridge, New York.  
 Delisle, Adrien, architect, Levy Bldg., Houston, Tex.  
 De Lisle & Cooper, contractors, Campau Bldg., Detroit, Mich.  
 Del'Isle, Sidney G., architect, 337 Carondelet, New Orleans, La.  
 Del Isle, S. G., wooden columns, 337 Carondelet, New Orleans, La.  
 Delk, Edwd. Buehler, architect, 34 S. 17th, Philadelphia, Pa.  
 Delker Bros. Buggy Co., Henderson, Ky.  
 Delker, Geo., Co., carriages, Henderson, Ky.  
 Dell, Emerson C., architect, 65 Monticello av, Buffalo, N. Y.  
 Dell, Frank M., masons' & bldrs.' matls., S. E. cor. Cruse & Southeastern av, Indianapolis, Ind.  
 Dell, John C., & Son, counter scales, 422 Vine, Philadelphia, Pa.  
 Dellenbarger, C. E., machsts., 625 W. Jackson blvd., Chicago, Ill.  
 Dellinger, A. M., agricultural implements, Lancaster, Pa.  
 Dellinger, Edward, contractor, Batavia, N. Y.  
 Dells Paper & Pulp Co., Eau Claire, Wis.  
 Delmonico Bros. Co., contractors, Syracuse, N. Y.  
 Delmonto Paving Co., 1537 Fillmore av, Buffalo, N. Y.  
 De Loach Mill Mfg. Co., mill & facty. supplies, Bridgeport, Ala.  
 De Long, G. T., canned goods, Lithia, Va.  
 De Long Hook & Eye Co., Broad & Wallace, Philadelphia, Pa.  
 De Long Machinery Co., Morrilton, Ark.  
 De Long Son, wholesale hdwe., Glens Falls, N. Y.  
 De Long, Wallace W., architect, Appleton, Wis.  
 De Longchamps, F. J., architect, Reno, Nevada.  
 Delowry, Thos. A., contractor, Waterbury, Conn.  
 Delp, Jacob, contractor, Bloomfield, N. J.  
 Delphi Lime Co., Delphi, Ind.  
 Delphi Straw Board Co., Delphi, Ind.  
 Delphos Bending Co., Delphos, Ohio.  
 Delphos Foundry, Delphos, Ohio.  
 Delphos Mfg. Co., cans, tanks, etc., First & Pierce, Delphos, O.  
 Delphos Printing Press Co., Delphos, Ohio.  
 Delta Chemical Co., Wells, Mich.  
 Delta Elec. Co., elec. lamp flashlights, Marion, Ind.  
 Delta File Works, 3231 Frankford, Philadelphia, Pa.  
 Delta Hardware Co., Escanaba, Mich.  
 Delta Mfg. Co., spark plugs, Bloomfield, N. J.  
 Delta Oil Co., Greenville, Miss.  
 Delta-Star Electric Co., electrical appliances, 2437 Fulton, Chicago, Ill.  
 Delta Stave Co. (Ltd.), cooperage stock, Lanesville, La.  
 Delttox Grass Rug Co., Oshkosh, Wis.  
 De Man Bros. Co., sash, door & blind mfrs., 416 Maybury av, Detroit, Mich.  
 Demar, Edward, architect, Sault Saint Marie, Mich.  
 De Marce, A., machst. & fndr., Texarkana, Tex.  
 Demarest, A. T., & Co., carriages, New Haven, Conn.  
 Demarest, Chas. H., bamboo, cutch., 150 Water, New York.  
 Demarest, Edwin, masons' & bldrs.' matls., Tenafly, N. J.  
 Demarest Heater Co., Springfield, Mass.  
 De Martini, Paul F., architect, 2123 Powell, San Francisco, Cal.  
 Demattel, L. & Co., contractors, 8 Avery, San Francisco, Cal.  
 De Matteo M., contractor, 146 Dudley, Roslindale, Boston, Mass.  
 De Mattia Bros., machsts., Garfield, N. J.  
 Dement Bros. Co., flour mills, Walla Walla, Wash.  
 Demeritt Co., canned goods, Waterbury, Vt.  
 Demers, Joseph C., contractors, Manchester, N. H.  
 De Mers, Magloir, machinist, Toledo, Ohio.  
 Demers & Mosley, architects, Union Natl. Bk. Bldg., Troy, N. Y.  
 De Michiel, John, contractor, Torrington, Conn.  
 De Milt, H. R., Co., tin plate, 238 Water, New York.  
 Deming Apparatus Co., sugar machinery, 30 Church, New York.  
 Deming Co., hand & power pumps, working heads, cylinders, etc., Salem, Ohio. *See adv index at end of book.*  
 Deming Hardware Co., Montpelier, Vt.  
 Deming & Thompson Co., sashes, doors & blinds, Frankfort, Ind.  
 Demmer, Chas., cornices & skylights, Santa Rosa, Cal.  
 Demmerle & Co., goggles & eye protectors, 114 E. 23d, New York.  
 Demmler Bros Co., wholesale hdwe., 109 Ross, Pittsburgh, Pa.  
 Demmler & Schenck Co., steel tables, 434 Penn av, Pittsburgh, Pa.  
 Demmler, Wm. & Bro., machsts., Kewanee, Ill.  
 DeMoney, Frank O., architect, 19 S. La Salle, Chicago, Ill.  
 Demoorjian, H. S., architect, 340 Main, Worcester, Mass.  
 De Mooy Machine Co., drilling machines, 1833 E. 55th, Cleveland, Ohio.  
 Demopolis Auto & Machine Co., Demopolis, Ala.  
 Demorest Foundry & Machine Works, Demorest, Ga.  
 Demourelle, Jas., & Sons, masons' & bldrs.' matls., 1035 Toulouse, New Orleans, La.  
 Dempcy-Degener Co., coal chutes & pockets, 307 4th av, Pittsburgh, Pa.  
 Dempsey, Chas. J., contractor, 218 E. 87th, New York.  
 Dempsey, Jno. F., & Co., machsts., Lynn, Mass.  
 Dempsey Lbr. Co., Johnstown, Pa.  
 Dempsey Lumber Co., Tacoma, Wash.  
 Dempsey, Michael J., machsts. & fndrs., 548 W. 55th, New York.  
 Dempsey, W. J., contractor, 103 Park av, New York.  
 Dempster, Jas., machsts., Knoxville, Tenn.  
 Dempster Mfg. & Supply Co., Des Moines, Ia.  
 Dempster Mill Mfg. Co., steel tanks, & agricultural implements, Beatrice, Neb.  
 Dempster & Son, masons' & bldrs.' matls., Merchants Exch. Bldg., San Francisco, Cal.  
 Dempwolf, C. H., & Co., fertilizer machy., York, Pa.  
 Dempwolf, J. A., architect, York, Pa.  
 Dempwolf, Reinhardt, architect, York, Pa.  
 Demster, W. R., Machy. Co., 16th & Walnut, Kansas City, Mo.  
 De Mueron, Francis A., architect, 31 E. 27th, New York.  
 Demuth Glass Mfg. Co., bottles & tubing, Garden av, Brooklyn, N. Y.  
 De Muth, W., & Co., smoking pipes, 230 5th av, New York.  
 Denault, Moses, & T. Arthur, masons' & bldrs.' matls., New Bedford, Mass.  
 Denburger, H., contractor, Bethlehem, Pa.  
 Denby Motor Truck Co., Holbrook av, Detroit, Mich.  
 Denby & Nute, architects, 333 4th av., New York.  
 Dendinger, Theo., lumber, Madisonville, La.  
 Denesia, C. W., buckwheat & rye flour, Evans Mills, N. Y.  
 Dengel, F. R., Mfg. Co., plumbers' supplies, 336 4th, Milwaukee, Wis.  
 Denger Bros., masons' & bldrs.' matls., Davenport, Ia.  
 Denholm & Co., contractor, 622 E. McMillan, Cincinnati, Ohio.  
 Denholm, J. M., Bros. & Co., meat packers, 5th & Frankstown avs, Pittsburgh, Pa.  
 Denick, Edwin V., architect, House Bldg., Pittsburgh, Pa.  
 Denier's Son, plate glass mirrors, 17 Crosby, New York.  
 Denie's, Jno. A., & Sons Co., lime, Memphis, Tenn.  
 Denio General Elec. Co., fire alarms, Rochester, N. Y.  
 Denio, P. T., & C. E., butter tubs, Hyde Park, Vt.  
 Denison & Coerper, lumber, Hartford, Wis.  
 Denison Cotton Mill Co., Denison, Tex.  
 Denison Lumber Co., Hagerstown, Md.  
 Denison Mattress Fact., Denison, Tex.  
 Denison Univ., engng. school & coll., Granville, Ohio.  
 Denke, A. Reinhold, architect, Nevada Bk. bldg., San Fran., Cal.  
 Denke, E. H., architect, 1317 Hyde, San Francisco, Cal.  
 Denman, C. K., Hippie Bldg., Des Moines, Ia.  
 Denman & Davis, tin plate, 95 Lafayette, New York.  
 Denman, W. M., brick, West Unity, Ohio.  
 Denmark Condensed Milk Co., Denmark, Wis.  
 Denmark Oil & Fertz. Co., meal, Denmark, S. C.  
 Denmead Bros., lbr. mfrs., West Point, Va.  
 Denmire, L. E., Montrose, Ia.  
 Denneen, C. A., Co., contractors, 42 B'way, New York.  
 Denneen Motor Co., Cleveland, Ohio.  
 Dennehy, Chas., & Co., gin distillers, 229 W. Randolph, Chicago, Ill.  
 Dennehy, Thos., contractor, Town of Union, N. J.  
 Denney Tag Co., West Chester, Pa.  
 Dennick, Wm., & Co., fndrs., Dayton, Ohio.  
 Denning, J. A., contractor, Janesville, Wis.  
 Denning Tractor Co., engines, plows, Cedar Rapids, Ia.  
 Denniss, O., Sons, brushes & hand mirrors, Troy, N. Y.  
 Dennis, A. L., Salt & Lumber Co., 801 G. R. Sav. Bk. Bldg., Grand Rapids, Mich.  
 Dennis, D. H., lbr., Stratford, N. H.  
 Dennis, J. T., canned goods, Preston, Md.  
 Dennis, John, Mach. Co., Lowell, Mass.  
 Dennis, L. E. P., & Son, fertilizer mfrs., Crisfield, Md.  
 Dennis Mfg. Co., mattresses, Waco, Tex.



- Dennis, Martin, Co., tanning extracts, 859 Summer av, Newark, N. J.
- Dennis, O. P., architect, Fay Bldg., Los Angeles, Cal.
- Dennis, P. E., architect, Macon, Ga.
- Dennis, W. J., & Co., brushes, Brooms, hat racks, etc., 2222 W. Lake, Chicago, Ill.
- Dennison Fire Proofing Co., Mason City, Ia.
- Dennison Foundry & Machine Co., Dennison, Ohio.
- Dennison, Hiron & Darbyshire, archts., 475 5th av, New York.
- Dennison Mfg. Co., paper crepe, covers, cups, fasteners, etc., 26 Franklin, Boston, Mass.
- Dennison Sewer Pipe Co., Dennison, Ohio.
- Denny Bros., contractors, Zanesville, Ohio.
- Denny, Chas. W., architect, Hale Bldg., Philadelphia, Pa.
- Denny-Renton Clay & Coal Co., acid proof brick, cupola linings, Seattle, Wash.
- De Noyelles Brick Co., Haverstraw, N. Y.
- Denslow Heating Co., Waverly, N. Y.
- Denslow, L. E., architect, 44 W. 18th, New York.
- Densmore Brick Co., Lebanon, N. H.
- Densmore & Le Clear, architects, 88 Broad, Boston, Mass.
- Densmore-Stabler Refining Co., asphalt miners & refiners, Los Angeles, Cal.
- Denson, Jas. F., architect, Am. Nat'l. Bk. Bldg., St. Paul, Minn.
- Dent Hardware Co., refrigerator hardware mfrs., Fullerton, Pa.
- Dent, J. H., contractor, Delaware, Ohio.
- Dent, M. F., Co., machinists' tools, etc., dealers, 7 Blandine, Utica, N. Y.
- Dentler, Babber Co., automatic fire doors, fittings, Vicksburg, Mich.
- Denton Bros., meat packers, Columbus, Ohio.
- Denton & Co., contractors, concrete steel constr., 7 E. 42d, New York.
- Denton Lumber Co., Enville, Fla.
- Denton Milling Co., flour, Denton, Tex.
- Denton Roller Mills, Denton, N. C.
- Denton & Son, carriages, Oswego, N. Y.
- Denton & Waterbury, lumber mfrs., Whitesboro, N. Y.
- Dentzel, Wm. H., carousels, organs, 3641 Germantown av, Philadelphia, Pa.
- Denune Builders' Supply Co., Linden Heights, Ohio.
- Denver Auto Goods Co., Denver, Colo.
- Denver Bedding Co., Denver, Colo.
- Denver Boiler & Iron Wks. Co., Denver, Colo.
- Denver Brass Wks. Co., fndrs., Denver, Colo.
- Denver Engineering Works Co., 30th & Blake, Denver, Colo.
- Denver Fire Clay Co., Denver, Colo.
- Denver Fireproofing Co., Denver, Colo.
- Denver, Frank, machist, & fndr., Washington, Ind.
- Denver Gas & Electric Light Co., Denver, Colo.
- Denver Hydro Co., air compressors, & valves, 1520 Elizabeth, Denver, Colo.
- Denver Iron Works & Fdry. Co., Denver, Colo.
- Denver Marble & Granite Co., Denver, Colo.
- Denver Metal Co., Denver, Colo.
- Denver Packing & Prov. Co., Denver, Colo.
- Denver Pressed Brick Co., Denver, Colo.
- Denver & Pueblo Construction Co., 3262 Blake, Denver, Colo.
- Denver Quartz Mill & Crusher Co., Denver, Colo.
- Denver Rock Drill Mfg. Co., Denver, Colo.
- Denver Sewer Pipe & Clay Co., Denver, Colo.
- Denver Shale Brick Co., Denver, Colo.
- Denver Sheet Metal Wks. Co., Denver, Colo.
- Denver Tent & Awning Co., Denver, Colo.
- Denver Terra Cotta Co., Denver, Colo.
- Denver Wrecking & Const. Co., 851 Delaware, Denver, Colo.
- Denzi & Phillips, glass signs, ceilings, 24 Dey, New York.
- De Paola, Angelo, architect, 117 Summit av, West Hoboken, N. J.
- De Paoli Mosiac Ass'n., Dorchester av, Boston, Mass.
- De Pasquale, Salvatore M., contr., 2975 Marion av, New York.
- De Paul University College, engng. schools & coll., Chicago, Ill.
- De Pere Tablet Co., De Pere, Wis.
- De Planque, F. R., & Son, papier mache mfrs., 1349 Ridge av, Philadelphia, Pa.
- Deport Cotton Seed Oil Co., Deport, Tex.
- Deposit Lumber Co., Deposit, N. Y.
- Deppe, A. H., & Co., trunk mfrs., 430 Nicollet av, Minneapolis, Minn.
- Deppisch, John L., contractor, 132 Pius, Pittsburgh, Pa.
- Deppmann, A., & Co., heating contrs., 5334 B'way, Chicago, Ill.
- De Pree Chemical Co., Holland, Mich.
- De Prefontaine, Chas., masons' & bldrs.' matls., Blue Bell, Pa.
- De Prouse, Victor A., architect, Hudson, N. Y.
- De Raivas & Harris Mfg. Co., pianos, 138 Willow av, New York.
- Derby & Ball, agricultural implements, Bellows Falls, Vt.
- Derby Desk Co., Somerville, Mass.
- Derby & Robinson, architects, 20 Beacon, Boston, Mass.
- Derby, S. L., masons' & bldrs.' matls., Lemont, Ill.
- Derbyshire, F. W., machsts., 157 High, Waltham, Mass.
- Derum & Beer, architects, 4500 Euclid av., Cleveland, Ohio.
- De Remer & Hewitt, archts., Title Ins. Bldg., Los Angeles, Cal.
- Deremus, John T., Co., mill & facty. supplies, Paterson, N. J.
- Derheimer & Co., contractors, Fort Wayne, Ind.
- Derickson, G. P., Co., whol. bdwe., 18 N. 3d, Minneapolis, Minn.
- Derickson, W. L., canned goods, Bel Air, Md.
- De Riso Bros., contractors, Town of Union, N. J.
- Dermon Soap Co., 300 N. Beacon, Boston, Mass.
- Dermott Land & Lumber Co., hardwood lumber mfrs., etc., Railway Exchange, Chicago, Ill.
- Dernell, H. F., Co., ice axes, tongs & tools, Athens, N. Y.
- De Ronde, Frank S., paint & varnish remover, 24 Stone, New York.
- De Roo, P., Sons, corn brooms, Wade & Borton, Cincinnati, Ohio.
- De Rosa, Eugene, architect, 150 Nassau, New York.
- De Rose & Cavalleri, architects, 2333 1st av, New York.
- De Rose, Jos., architect, 119 Ellison, Paterson, N. J.
- Derr, A. S., & Co., sash, door & blind, Dixon, Ill.
- Derr, Walter, stone producers, Conshohocken, Pa.
- Derry, A. L. & Co., machy. dhrs., Scranton, Pa.
- Derry Glass Sand Co., Latrobe, Pa.
- Derry, Stephen F., lbr. mfrs., Saginaw, Mich.
- Derryfield Co., sashes, doors & blinds, Manchester, N. H.
- Dershimer & Griffin, contractors, masons' & bldrs.' matls., Pittston, Pa.
- Des Arc Hoop & Lumber Co., Des Arc, Ark.
- Desch, J. W., masons' & bldrs.' matls., Celina, Ohio.
- Deschauer, S., Co., plumbers' & steam fitters' supplies, 1345 Blue Island av, Chicago, Ill.
- Deschauer Wire & Iron Wks., 2009 Larrabee, Chicago, Ill.
- Deschler, August, machsts., Chillicothe, Ohio.
- Des Cognets, Louis, & Co., masons' & bldrs.' matls., Lexington, Ky.
- De Shay, D. H., agricultural implements, Elysburg, Pa.
- Deshler Broom Factory, Deshler, Neb.
- Deshler Mail Box Co., Deshler, O.
- De Sibour, Jules H., architect, Hibbs Bldg., Washington, D. C.
- Desjardins Co., architects, Majestic Bldg., Denver, Colo.
- Desjardins, Louis, brick, Lisbon Falls, Me.
- Des Jardins, S. E., architect, First Natl. Bk. Bldg., Cincinnati, O.
- Deslauriers Column Mould Co., 311 Chestnut, St. Paul, Minn.
- Desloge Consolidated Lead Co., Rialto Bldg., St. Louis, Mo.
- De Smet, Geo. W., waterproofing materials, 133 W. Washington, Chicago, Ill.
- De Smet Quartz Tile Co., 133 W. Washington, Chicago, Ill.
- Des Moines Bale Tie Co., Des Moines, Ia.
- Des Moines Brick & Tile Co., Des Moines, Ia.
- Des Moines Broom Co., Des Moines, Ia.
- Des Moines Building Material Co., Des Moines, Ia.
- Des Moines Casket Co., Des Moines, Ia.
- Des Moines Clay Co., Des Moines, Ia.
- Des Moines Engineering & Construction Co., Des Moines, Ia.
- Des Moines Fuel & Lime Co., Des Moines, Ia.
- Des Moines Incubator Co., Des Moines, Ia.
- Des Moines Iron Co., Des Moines, Ia.
- Des Moines Marble & Mantel Co., Des Moines, Ia.
- Des Moines Packing Co., meat, Des Moines, Ia.
- Des Moines Refining Co., softeners—water, Des Moines, Ia.
- Des Moines River Sand & Gravel Co., Oskaloosa, Ia.
- Des Moines Saddlery Co., Des Moines, Ia.
- Des Moines Sheet Metal Co., Des Moines, Ia.
- Des Moines Silo & Mfg. Co., Des Moines, Ia.
- Des Moines Slide Co., Des Moines, Ia.
- Des Moines Stove Repair Co., Des Moines, Ia.
- Des Moines Structural Steel Works, Des Moines, Ia.
- Des Moines Tent & Awning Co., Des Moines, Ia.
- Desmond, D. J., Commissary Co., contractors, Underwood Bldg., San Francisco, Cal.
- Desmond & Lord, architects, 15 Beacon, Boston, Mass.
- Desmond, M. Mfg. Co., machsts., Edwardsville, Ill.
- Desmond, Owen E., contractor, 429 Plymouth ct, Chicago, Ill.
- Desmond-Stephan Mfg. Co., machsts. & fndrs., Urbana, Ohio.
- Desmond, Theo. H., landscape architect, Hartford, Conn.
- De Snell, G. E., architect, 31 W. Montana, Butte, Mont.
- De Soto Brick Co., Ltd., Mansfield, La.
- De Soto Brick & Tile Works, De Soto, Ia.
- De Soto Co., turpentine, Quitman, Ga.
- De Soto Cotton Oil Co., Mansfield, La.
- De Soto Foundry & Machine Co., Ltd., Mansfield, La.
- De Soto Oil Co., Memphis, Tenn.
- De Soto Paint Mfg. Co., Memphis, Tenn.
- De Soto Roller Mills, flour, De Soto, Mo.
- Despatch Mfg. Co., annealing furnaces, ovens & electric cooking app., 104 2d, N. Minneapolis, Minn.
- Des Rivières, Geo. R., baled shavings, 5444 S. Mich., Chicago, Ill.
- Desrosier, Gilbert, carriages, Northampton, Mass.
- Dessau, D., black diamond carbon importers, 180 Broadway, New York.
- Dessau, Maurice S., black diamond carbons, 6 Maiden la, New York.
- Dessau's, S., Sons, emery wheel dresses, tools and black diamond carbon imp., 180 Broadway, New York.
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- Dessecker, Gustav, carriages, 152 Elizabeth, New York.
- Dessert, Crystal Salt Co., White Plains, Nev.
- Dessez, Leon E., architect, 1421 F, Washington, D. C.
- Dessureau & Co., granite, Barre, Vt.
- d'Este, Julian Co., steam engineering specialties mfrs., 24 Canal, Boston, Mass.
- Destremps, Lewis E., architect, N-B Theatre Bldg., New Bedford, Mass.
- Destremps, Louis G., & Sons, architects, 754 S. Main, Fall River, Mass.
- Desvovan, Helia L., architect, Central Falls, R. I.
- De Tamble Motors Co., Anderson, Ind.



- Detering, H. E., brooms—corn, Houston, Tex.  
 Detjen, Henry, architect, 4268 Conn., St. Louis, Mo.  
 Detlaft, A. J., Co., machsts. & fndrs., & plating wks., Detroit, Mich.  
 Detmer, Hy., pianos, 10 S. Wabash, Chicago, Ill.  
 Detmer Mfg. Co., gas machines, 2518 Archer av, Chicago, Ill.  
 Detraz Bros., masons' & bldrs., matls. & supplies, Vevay, Ind.  
 Detrick Distilling Co., Dayton, Ohio.  
 Detrick & Harvey Machine Co., machinery mfrs., Baltimore, Md.  
 Detrick, M. H., Co., boiler & fire brick, 549 W. Washington, Chicago, Ill.  
 Detroit Alaska Knitting Mills, lumbermen's socks, 575 Michigan av, Detroit, Mich.  
 Detroit Arch'l Iron Wks. Co., Detroit, Mich.  
 Detroit Art Metal Co., metal spinning, Detroit, Mich.  
 Detroit Auto Dash Co., wood rims, 519 Beaubien, Detroit, Mich.  
 Detroit Auto Piston Co., 180 John R, Detroit, Mich.  
 Detroit Auto Specialty Co., water cooling radiators, 909 Greenwood av, Detroit, Mich.  
 Detroit Automatic Scale Co., machsts., 608 Woodward av, Detroit, Mich.  
 Detroit Axle Co., 235 16th, Detroit, Mich.  
 Detroit Bath Tub & Brass Co., plumbers' wood wk., Detroit, Mich.  
 Detroit Boat Co., motor boats, Detroit, Mich.  
 Detroit Brass Wks., hose cocks, Bklyn. & Belt Line, Detroit, Mich.  
 Detroit Bridge & Iron Wks., Steel Struct. Wk., Rouge river, Detroit, Mich.  
 Detroit Building & Construction Co., Free Press Bldg., Detroit, Mich.  
 Detroit Cabinet Co., 988 Riopelle, Detroit, Mich.  
 Detroit Can Co., Russell & Trombley, Detroit, Mich.  
 Detroit Carriage Goods Co., motor hoods, Detroit, Mich.  
 Detroit Casket Co., 185 Congress W., Detroit, Mich.  
 Detroit Cedar & Lumber Co., Ford Bldg., Detroit, Mich.  
 Detroit Chandelier Lamp Co., Elec. Fix., 79 B'way, Detroit, Mich.  
 Detroit Chemical Works, alumina sulphate, nitric acid, 238 Junction av, Detroit, Mich.  
 Detroit Coin Wrapper Co., Detroit, Mich.  
 Detroit Column & Mfg. Co., Holden & C, Detroit, Mich.  
 Detroit Commercial Can Co., Pontiac, Mich.  
 Detroit Copper & Brass Rolling Mills, Detroit, Mich.  
 Detroit Cornice & Slate Co., 147 Antoine, Detroit, Mich.  
 Detroit Corrugated Box & Board Co., corrugated paper, 88 Isabella, Detroit, Mich.  
 Detroit Creamery Co., canned goods, Detroit, Mich.  
 Detroit Decorative Supply Co., Detroit, Mich.  
 Detroit Edge Tool Wks., machsts., Woodbridge & McDougall, Detroit, Mich.  
 Detroit Elec. Heater Co., elec. sad irons, Detroit, Mich.  
 Detroit Elec. Welder Co., machy., 255 Lafayette blvd, W. Detroit, Mich.  
 Detroit Engine Wks., Detroit, Mich.  
 Detroit Excelsior Wks., 2116 Russell, Detroit, Mich.  
 Detroit Flower Pot Mfg. Co., Lafferty & Howard, Detroit, Mich.  
 Detroit Forging Co., 120 Mount Elliott av, Detroit, Mich.  
 Detroit Foundry Co., stoves, wall torches, etc., Detroit, Mich.  
 Detroit Fdry. & Mfg. Co., 15 Macomb, Detroit, Mich.  
 Detroit Fuse & Mfg. Co., 1400 Rivard, Detroit, Mich.  
 Detroit Gas & Elec. Fix. Co., 68 W. Gd. River av, Detroit, Mich.  
 Detroit Gear & Mach. Co., Detroit, Mich.  
 Detroit Glove & Mfg. Co., 64 Congress W., Detroit, Mich.  
 Detroit Graphite Co., paints, 10-12th, Detroit, Mich.  
 Detroit Grinding Wheel Co., emery wheel mfrs., Detroit, Mich.  
 Detroit Htg. & Lighting Co., machsts., Detroit, Mich.  
 Detroit Htg. & Refrigerating Co., machsts., Detroit, Mich.  
 Detroit Hoist & Machine Co., Detroit, Mich.  
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 Detroit Insulated Wire Co., Detroit, Mich.  
 Detroit Iron & Stel Co., blast furnaces, Detroit, Mich.  
 Detroit Laundry Mach. & Supply Co., Detroit, Mich.  
 Detroit Lead Pipe Wks., 61 2nd, Detroit, Mich.  
 Detroit Leather Wks., auto. belts, 141 Champlain, Detroit, Mich.  
 Detroit Lighting Fix. Co., elec. fixtures, 222 Jefferson av, E. Detroit, Mich.  
 Detroit Lubricator Co., Detroit, Mich.  
 Detroit Lumber Co., Jefferson & Junction avs, Detroit, Mich.  
 Detroit Mausoleum Equip. Works, archl. & bronze workers, Detroit, Mich.  
 Detroit Metal Spinning Co., 197 Monroe av, Detroit, Mich.  
 Detroit Metallic Casket Co., metallic burial cases, 862 Gratiot av, Detroit, Mich.  
 Detroit Mill Supply Co., 14 High, Detroit, Mich.  
 Detroit Milling Co., flour, Gd. River & Warren, Detroit, Mich.  
 Detroit Mirror Wks., Waterman & M. C. R. R., Detroit, Mich.  
 Detroit Motor Car Supply Co., machsts., Kercheval & Connors ck, Detroit, Mich.  
 Detroit Motor Castings Co., 299 Beaufait, Detroit, Mich.  
 Detroit Oak Belting Co., 266 Wight, Detroit, Mich.  
 Detroit Oil & Cotton Co., meal, Detroit, Tex.  
 Detroit Paper Tube & Can Co., mfrs. of mailing tubes, 26 Griswold, Detroit, Mich.  
 Detroit Pattern Wks., 110 St. Antione, Detroit, Mich.  
 Detroit Piston Ring Co., 53 Richmond, Detroit, Mich.  
 Detroit Power Spec. Co., boiler cleaners, Detroit, Mich.  
 Detroit Pressed Steel Co., Detroit, Mich.  
 Detroit Rack Co., umbrella stands, 125 Monroe av, Detroit, Mich.  
 Detroit Range Boiler Co., 619 24th, Detroit, Mich.  
 Detroit Refining Co., paints, Majestic Bldg., Detroit, Mich.  
 Detroit Register Co., Detroit, Mich.  
 Detroit River Iron Wks., steam engines, Detroit, Mich.  
 Detroit Roofing Tile Co., Detroit, Mich.  
 Detroit Rubber Stamp Co., steel stamps, 90 Griswold, Detroit, Mich.  
 Detroit Sanitary Bag Co., machine wipers, Detroit, Mich.  
 Detroit Sanitary Supply Co., plumbers' supplies & bath room fix., 191 2nd, Detroit, Mich.  
 Detroit Saw & Tool Co., Detroit, Mich.  
 Detroit Scoop Truck Co., 2225 Jefferson av, W., Detroit, Mich.  
 Detroit Screw Works, 348 Franklin, Detroit, Mich.  
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 Detroit Seamless Steel Tube Co., Detroit, Mich.  
 Detroit Shipbuilding Co., Detroit, Mich.  
 Detroit Show Case Co., 480 Fort, W., Detroit, Mich.  
 Detroit Soap Co., presses, Detroit, Mich.  
 Detroit Socket Co., Detroit, Mich.  
 Detroit Standard Gear Co., Detroit, Mich.  
 Detroit Starter Co., auto. lamps & mfrs. automobile starters, 203 Monroe av, Detroit, Mich.  
 Detroit Steel Casting Co., Detroit, Mich.  
 Detroit Steel Cooperage Wks., Detroit, Mich.  
 Detroit Steel Products Co., forgings, springs, windows, etc., Detroit, Mich.  
 Detroit Stoker Co., machsts. & fndrs., N. Grand blvd & Riopelle, Detroit, Mich.  
 Detroit Store Fixture Co., Detroit, Mich.  
 Detroit Store Works, mfrs. of "Jewel" stoves, ranges & furnaces, machsts. & fdrs., 1320 Jefferson, Detroit, Mich.  
 Detroit Sulphite Pulp & Paper Co., Detroit, Mich.  
 Detroit Tank & Seat Co., Detroit, Mich.  
 Detroit Tech. Inst., engng. schools & coll., Detroit, Mich.  
 Detroit Testing Laboratory, 674 Woodward, Detroit, Mich.  
 Detroit Tool Co., machy., Detroit, Mich.  
 Detroit Trailer Co., auto. truck trailers, 673 Atwater, E. Detroit, Mich.  
 Detroit Truck Co., mfrs. auto trucks, Dime Bank Bldg., Detroit, Mich.  
 Detroit Twist Drill Co., machst., 636-646 Fort, W., Detroit, Mich. *See adv index at end of book.*  
 Detroit Model Mach. Co., Fremont, Ohio.  
 Detroit Valve & Fittings Co., Wyandotte, Mich.  
 Detroit Vapor Stove Co., Detroit, Mich.  
 Detroit Varnish Co., Detroit, Mich.  
 Detroit Waste Wks., 112 Larned, W., Detroit, Mich.  
 Detroit White Lead Wks., Detroit, Mich.  
 Detroit Window & Stained Glass Co., Detroit, Mich.  
 Detroit Wire Bound Box Co., 1031 18th, Detroit, Mich.  
 Detroit Wire & Iron Wks., 1160 Jefferson av, E., Detroit, Mich.  
 Detroit Wire Spring Co., Detroit, Mich.  
 Detroit Wood Pulley Co., Detroit, Mich.  
 Detroit-Wyandotte Motor Truck Co., Wyandotte, Mich.  
 Detroit Motor Car Co., Stanley & Vermont avs, Detroit, Mich.  
 Dettman, Wm. C., cornices, Danville, Ill.  
 Dettmer & Handwerk, masons' & bldrs.' matls., Slatington, Pa.  
 Dettra, Jno. C., & Co., flag mfrs., Oaks, Pa.  
 Detweiler, Theo., masons' & bldrs.' matls., Brookville, Ohio.  
 Detwiler, Chas. H., architect, 46 Cedar, New York.  
 Detwiler, J. H., sashes, doors and blinds, Tampa, Fla.  
 Detwiler Monumental Works, Phoenixville, Pa.  
 Detwiler & Street Fireworks Mfg. Co., 22 Park pl, New York.  
 Deuel, Chas. C., Co., pipe bends, tanks, etc., Detroit, Mich.  
 Deuer, C. H., lumber mfr., Missouri Valley, Ia.  
 Deuser, H. P., Co., agricultural implements, Hamilton, Ohio.  
 Deuse, J. S., machsts. & fndrs. & bits, drills, ice picks, etc., Chester, Conn.  
 Deutch, Arthur, handles, Savannah, Ga.  
 Deutermann, Geo., mill & facty. supplies, 209 Centre, New York.  
 Deuth & Co., lamps, 131 E. 23d, New York.  
 Deutsch, Chas., mantles, 177 E. 87th, New York.  
 Deutsch, Jacob, cornices, 17 Stanton, New York.  
 Deutsch, N. & Co., smelters and refiners, 540 W. 13th, Chicago, Ill.  
 Deutz, A. & Bro., masons' & bldrs.' matls. & wholesale hdwe., Laredo, Tex.  
 Devall Bluff Gin & Milling Co., Devall Bluff, Ark.  
 Devaney, Jno. J., cornices & skylights, Bayonne, N. J.  
 De Vault, Jas., contractor, Canton, Ohio.  
 De Veaux, Wm. W., architect, North Yakima, Wash.  
 De Ved & Sons Sash Weight Co., tin plate, metals, etc., Baltimore, Md.  
 Develine Foundry, Boulder, Colo.  
 Deveney, J. B., & J., trunk mfrs., 126 N. 16th, Philadelphia, Pa.  
 Devenpeck Coal Co., masons' & bldrs. matls., Schenectady, N. Y.  
 Devereaux, Valentine, architect, 345½ Washington, Portland, Ore.  
 Devere & Schloegel Lbr. Co., 606 Park, Milwaukee, Wis.  
 Deverell Perfection Mfg. Co., machsts., Caton av, B'Flyn. N. Y.  
 Deverell, Spencer & Co., contractors, Garrett Bldg., Balto., Md.  
 Deverell, W. P., contractor, Ramage Bldg., Omaha, Neb.  
 De Vilbiss Mfg. Co., elec. disc. fans & spraying machines, etc., 1304-1318 Dorr, Toledo, Ohio.  
 Devillbliss, G. W., canned goods, Stewartstown, Pa.  
 Devillers Soap Co., 95 Cliff, New York.



- Devine, J. C., Co., contractors, Alliance, Ohio.  
 Devine, J. P., Co., chemical & distilling apparatus, machy. & auto boxes, Buffalo, N. Y.  
 Devine, P. T., trunk mfr., Powell, Mass.  
 Devitt, Paul J., mill & facty. supplies, 1101 S. 2nd, Phila., Pa.  
 Devlin, Chas., cotton waste, 3219 Kensington, Philadelphia, Pa.  
 Devlin, Chas. J. I., architect, Pacific Bldg., San Francisco, Cal.  
 Devlin, Hary J., htg. contrs., 218 E. 43d, Chicago, Ill.  
 Devlin, John O., Constr. Co., 233 Broadway, New York.  
 Devlin, Leo J., architect, Pacific Bldg., San Francisco, Cal.  
 Devlin, Thos., Mfg. Co., machsts. & fndrs., & plumbing & steam-fitters' supplies, 3d & Lehigh av, Philadelphia, Pa.  
 Devney, H. J., marine ry. bldrs., Ashtabula, Ohio.  
 Devoe, F. W., & C. T. Reynolds Co., bronze powders, paint & oil paint mfrs., 101 Fulton, New York, & 14 W. Lake, Chicago, Ill.  
 De Vogel Contr. Co., Passaic, N. J.  
 De Vore-McGormley Co., contractors, Toledo, Ohio.  
 De Voss, W. A., architect, Portsmouth, Ohio.  
 Devou, V. N., Supply Co., mill & facty. supplies, 506 Central av, Cincinnati, Ohio.  
 De Voursney Bros., lamps, 389 Broome, New York.  
 De Vries Bros., machsts., Passaic, N. J.  
 De Vries, S. J., & Co., lbr., 840 E. 47th, Chicago, Ill.  
 De Waard, John R., architect, Glencoe Bldg., Duluth, Minn.  
 Dewar Bros. Trunk Mfg. Co., Denver, Colo.  
 Dewar, Duncan G., contrs., Streator, Ill.  
 De Weerd, Geo., architect, Holland, Mich.  
 Dewees, Jno. W., machst., 640 Filbert, Philadelphia, Pa.  
 Deweese, F. M. & Co., machinist, Chillicothe, Ohio.  
 Dewes, A., Co., sheet metal stamping, automobile accessories, presses, dies, etc., 199 Lafayette, New York.  
 Dewes, John-Gumbs Die Co., die cutting, 403 Broome, New York.  
 Dewey Bros., mill & facty. supplies, Goldsboro, New York.  
 Dewey Column & Monumental Wks., granite, Barre, Vt.  
 Dewey Engng. Co., 25 Hancock pl, New York.  
 Dewey, F. O., Co., headlights, lamps, etc., 28 Canal, Boston, Mass.  
 Dewey Mfg. Co., machsts. & fndrs., Dewey, Okla.  
 Dewey Portland Cement Co., Summit Bldg., Kansas City, Mo.  
 Dewing & Sons, masons' & bldrs.' matls., Kalamazoo, Mich.  
 De Witt Boag Co., silk thread, Hornell, N. Y.  
 De Witt, E. W., & Son, brass fndrs., Port Carbon, Pa.  
 De Witt, H. E., masons' & bldrs.' matls., Lynchburg, Va.  
 De Witt Rice Mill Co., De Witt, Ark.  
 Dewsberry, R. A., ice cream freezers, 1010 W. Lake, Chicago, Ill.  
 Dewsnap, Wm., architect, 203 Broadway, New York.  
 Dexheimer, P., & Sons, contractors, Orange, N. J.  
 Dexter, A. M. (Est. of), mill & facty. supplies, Mattapoisett, Mass.  
 Dexter & Bowles, mill & facty. supplies, Springfield, Mass.  
 Dexter Bros. Co., waterproofing matls., 105 Broad, Boston, Mass.  
 Dexter Canning Co., Dexter, Ia.  
 Dexter, C. H., & Sons, paper & pulp mill, Windsor Locks, Conn.  
 Dexter Co., washing machines, Fairfield, Ia.  
 Dexter, Everett O., contractor, Attleboro, Mass.  
 Dexter Folder Co., machsts. & fndrs., paper cutting & feeding machines, 200 5th av, New York.  
 Dexter, H. C., Chair Co., book cases, Black River, N. Y.  
 Dexter, H. H., contractor, Gary, Ind.  
 Dexter, H. P., architect, Dexter, Me.  
 Dexter, I. H., Co., flexible couplings, 27 Walker, New York.  
 Dexter Lumber Co., sash, door & blind, 4765 Montg'y pk, Norwood, Cincinnati, Ohio.  
 Dexter & McCluer, architects, Canby Bldg., Dayton, Ohio.  
 Dexter Metal Mfg. Co., bank & office fixtures (metallic), 93 Arch, Camden, N. J.  
 Dexter & Newton, hdwe. mfrs., 543 W. 120th, Chicago, Ill.  
 Dexter Portland Cement Co., Nazareth, Pa.  
 Dexter Sulphite Pulp & Paper Co., Dexter, N. Y.  
 Dexter Woodworking & Bldrs.' Supply Co., sash, door & blind mfrs., Dexter, N. Y.  
 Dexter Yarn Co., Pawtucket, R. I.  
 Dey Elec. Corp., 1834 B'way, New York.  
 Dey, J. F., Co., contractors, 263 Lake, Newark, N. J.  
 Deyo-Macey Engine Co., Binghamton, N. Y.  
 Deysher, Abner S., packing box mfrs., Reading, Pa.  
 De Zerg Standard Co., instruments, surgical & dental, Camden, N. J.  
 De Zouche, Hanson & Co., mill & facty. supplies, 14 N. 5th, Philadelphia, Pa.  
 D. G. C. Valve Co., 18 E. 41st, New York.  
 Diadem Mfg. Co., horn combs, Fitchburg, Mass.  
 Diagraph Co., machsts., 2121 N. 9th, St. Louis, Mo.  
 Diamant, J. E., Co., canned goods, Cedarville, N. J.  
 Diamond Alkali Co., Wabash Bldg., Pittsburgh, Pa.  
 Diamond, Bernard, contractor, 12 Bergen, Brooklyn, N. Y.  
 Diamond Boiler Works, 2200 N. 1st, Minneapolis, Minn.  
 Diamond Braiding Mills, shoe laces, Chicago Heights, Ill.  
 Diamond Brass Fdry. & Mach. Co., 1115 Washington blvd, Chicago, Ill.  
 Diamond Brick Co., Oak Hill, Ohio.  
 Diamond Broom Co., 114 Warren, New York.  
 Diamond Cable Co., lightning rods, Bourbon, Ind.  
 Diamond Calk Horse Shoe Co., Duluth, Minn.  
 Diamond Chain Co., York, Pa.  
 Diamond Chain & Mfg. Co., 241 W. Georgia, Indianapolis, Ind.  
 Diamond, Chas. T., architect, Columbia Bldg., Spokane, Wash.  
 Diamond Clamp & Flask Co., Richmond, Ind.  
 Diamond Constr. Co., Huntington, W. Va.  
 Diamond Cork Co., 59 Pearl, New York.  
 Diamond Cupped Bearing Co., 130 Manhattan, New York.  
 Diamond Crystal Salt Co., St. Clair, Mich.  
 Diamond Door Hanger Co., 28 Rodney, Brooklyn, N. Y.  
 Diamond Drill Carbon Co., 63 Park Row, New York.  
 Diamond Drill Contr. Co., Spokane, Wash.  
 Diamond Elec. Co., sad irons, stoves, etc., Binghamton, N. Y.  
 Diamond Elec. Soap Co., Greenfield, Mass.  
 Diamond Expansion Bolt Co., 89 West, New York.  
*See adv index at end of book.*  
 Diamond Fire Brick Co., Canon City, Colo.  
 Diamond Forging & Mfg. Co., Chartiers & Ridge av, Pittsburgh, Pa.  
 Diamond Glass Co., 1447 W. 25th, Cleveland, Ohio.  
 Diamond Glass Co., bottle mfrs., Royersford, Pa.  
 Diamond Glue Co., gelatine mfrs., Ill. Mich. Canal, Chicago, Ill., & 213 N. Water, Philadelphia, Pa.  
 Diamond Huller Co., Winona, Minn.  
 Diamond Ink Co., glue, etc., 192 E. Water, Milwaukee, Wis.  
 Diamond Iron Works, Hammond, La.  
 Diamond Iron Works, 2d & 18th av, N., Minneapolis, Minn.  
 Diamond, L. J., boilers, Elwood, Ind.  
 Diamond Light Co., lamps, Canton, Ohio.  
 Diamond Lbr. Co., Wilmington, Del.  
 Diamond Lumber Co., Green Bay, Wis.  
 Diamond Machine Co., gas engines, boilers, etc., 3d & Vine, Cincinnati, Ohio.  
 Diamond Mach. Co., coal chutes, pumps, Monongahela, Pa.  
 Diamond Mach. Co., magnetic chucks, grinding & polishing machinery mfrs., 9 Coddington, Providence, R. I.  
 Diamond Match Co., match mfrs. & machsts. & fndrs., 110 W. Kinzie, Chicago, Ill.  
 Diamond Mfg. Co., conduit cleats, pipes, soldering coppers, etc., Detroit, Mich.  
 Diamond, McDonnell & Co., shoe blacking, 409 N. 4th, Phila., Pa.  
 Diamond Metal Stamping Co., weather strips, Columbus, Ohio.  
 Diamond Mill Co., flour, Sherman, Texas.  
 Diamond Mills Paper Co., 44 Murray, New York.  
 Diamond, Nicholas & Co., sample cases, 616 W. Adams, Chicago, Ill.  
 Diamond Paste Co., Albany, N. Y.  
 Diamond Point Pen. Co., 44 E. 23d, New York.  
 Diamond Portland Cement Co., 1313 Williamson, Cleveland, O.  
 Diamond Press Brick Co., Ferris, Tex.  
 Diamond Red Paint Co., 2750 N. Lincoln, Chicago, Ill.  
**DIAMOND SAW & STAMPING WORKS**, "Sterling" hack saws, machines, & frames, 357 7th, Buffalo, N. Y.  
*See adv index at end of book.*  
 Diamond Show Case Co., 2210 Superior, N. W., Cleveland, Ohio.  
 Diamond Spec. Co., carbon removers, Indianapolis, Ind.  
 Diamond Specialty & Supply Co., r. r., mill & facty. supplies, Harrison Bldg., Philadelphia, Pa.  
 Diamond Stamping Works, 1946 E. 55th, Cleveland, Ohio.  
 Diamond State Fibre Co., advtg. nov. & spec. artificial leather, fibre goods, Elsmere, Del.  
 Diamond Steel Pole Co., Land Tile Bldg., Philadelphia, Pa.  
 Diamond Stone Co., Passaic, N. J.  
 Diamond, T., Motor Car Co., 432 W. Superior, Chicago, Ill.  
 Diamond Tack & Nail Wks., Raynham Center, Mass.  
 Diamond Textile Machine Wks., 1820 N. 10th, Philadelphia, Pa.  
 Diamond Veneer Co., Edinburg, Ind.  
 Diamond Wall Cement Co., wall plaster mfr., Williamsport, Pa.  
 Diamond Wall Finish Co., Grand Rapids, Mich.  
 Diamond Whip Co., axle & leather washers, 406 N. Curtis, Chicago, Ill.  
 Diana Oil & Grease Co., 554 Hamilton av, Brooklyn, N. Y.  
 Diana Paper Co., Watertown, N. Y.  
 Dibble, Chas. E., contractor, Adrian, Mich.  
 Dibble-Hawthorne Co., contractors, Tacoma, Wash.  
 Dibble, S. B., Lumber Co., North Adams, Mass.  
 Dibble, Wallace E., architect, 317 Main, Springfield, Mass.  
 Dibelka, Jas. B., architect, 130 N. 5th av, Chicago, Ill.  
 Dibert, Bancroft & Ross Co., Ltd., mill & facty. supplies, Tulane & Hagan av, New Orleans, La.  
 Dibert, L. C., Co., extractors, 138 1st, San Francisco, Cal.  
 Dibert, Stark & Brown Cypress Co., Ltd., Donner, La.  
 Di Biasi, Alfred, architect, Corona, N. Y.  
 Diboll & Owen, Ltd., archts., Interstate Bldg., New Orleans, La.  
 Di Bona, Luigi, granite, W. Quincy, Quincy, Mass.  
 Di Camillo, Raymond C., architect, Cuyahoga Bldg., Cleveland, O.  
 Dice Engine Co., machsts., Anderson, Ind.  
 Dice Machine Co., Anderson, Ind.  
 Dick, A. B., Co., machsts., 736 W. Jackson blvd, Chicago, Ill.  
 Dick Bros. (Inc.), cocks (basin, bath), machsts. & fndrs., Reading, Pa.  
 Dick Contractor Co., Colorado Bldg., Washington, D. C.  
 Dick, D. D., & Sons, enamellers, 519 Cherry, Philadelphia, Pa.  
 Dick, David & Son, architects, Charleston, W. Va.  
 Dick, Gustav A., architect, 811 State, Milwaukee, Wis.  
 Dick, J. H., trunk mfrs., 645 W. Madison, Chicago, Ill.  
 Dick, J. J., Co., cornices, Scottsdale, Pa.  
 Dick, Jos., Mfg. Co., mchsts. & fndrs., & agricultural implts., Canton, Ohio.



- Dick, R. & J., Ltd., belting, turned shafting & wrought steel pulleys, Passaic, N. J.
- Dick Sand Co., Franklin, Pa.
- Dick, Wilmot, contractors, Camden, N. J.
- Dickason, Goodman, Lbr. Co., K. & P. Bldg., Kansas City, Mo.
- Dicke Tool Co., Downers Grove, Ill.
- Dickelman Mfg. Co., cornices & skylights & conductor pipe & eaves troughs, Forest, Ohio.
- Dickenson, H. G., machsts., Rockford, Ill.
- Dickerman & Co., masons' & bldrs.' matls., Concord, N. H.
- Dickerman, E. W., architect, Perry Bldg., Binghamton, N. Y.
- Dickerman Hardware & Supply Co., Wallingford, Conn.
- Dickerman, J. A., rattan furniture, Gardner, Mass.
- Dickerson Automatic Governor Co., Salt Lake City, Utah.
- Dickerson Bldg. Supply Co., sash, door & blind, Fairmont, W. Va.
- Dickerson Cotton Cleaner Co., machines, Ft. Worth, Tex.
- Dickerson, Edward, contractor, Chester, Pa.
- Dickerson, Van Dusen, & Co., tin, plate, 32 Cliff, New York.
- Dickey, A., & Co., porch columns, rope mouldings, etc., 37 Bristol, Boston, Mass.
- Dickey, A. F., architect, Huntington, W. Va.
- Dickey, A. P., Mfg. Co., fanning mills, Racine, Wis.
- Dickey Belting Co., Lewiston, Me.
- Dickey, C. W., & Donovan, John J., architects, 414 15th, Oakland, Cal.
- Dickey, D. Anderson, architect, Ind. Life Bldg., Nashville, Tenn.
- Dickey, Grabler Co., dies, etc., 118 Noble Court, Cleveland, Ohio.
- Dickey, H. M., masons' & bldrs.' matls., Oldtown, Me.
- Dickey, Leroy W., contractor, Lowell, Mass.
- Dickey Steel Co., The, steel merchants, 233 B'way, New York.
- Dickey, W. S., Clay Mfg. Co., masons' & bldrs. matls., N. Y. Life Bldg., Kansas City, Mo.
- Dickey, Wm. P., & Co., wholesale hardware, Bangor, Me.
- Dickhoff, Samuel, contractor, Schenectady, N. Y.
- Dickie, D. W. & R. Z., naval architects, 112 Market, San Francisco, Cal.
- Dickinson Ball Bearing Wheel & Vehicle Co., Little Rock, Ark.
- Dickinson & Beardsley, contractors, Marietta, Ohio.
- Dickinson Brick & Tile Co., Glasgow, Ky.
- Dickinson Bros., masons' & bldrs.' matls., Glasgow, Ky.
- Dickinson, Chas. W., hickory handles, Ypsilanti, Mich.
- Dickinson Co., canned goods, Oswego, Ore.
- Dickinson & Co., canned goods, Eureka, Ill.
- Dickinson, D. E., architect, Blissfield, Mich.
- Dickinson Fire Brick Co., Buena Vista, Va.
- Dickinson Fire & Pressed Brick Co., Dickinson, N. D.
- Dickinson, Frank L., architect, Westville, N. J.
- Dickinson, Geo. A., contractor, Bellingham, Wash.
- Dickinson, H. H., Builders' Supply Co., 1140 14th av, Detroit, Mich.
- Dickinson, J. Q., & Co., bromine, Malden, W. Va.
- Dickinson, Mahlon H., architect, Empire Bldg., Philadelphia, Pa.
- Dickinson Mfg. Co., insulators and waterproof sockets & elec. spec., telephone acces., etc., ft. of Mechanics, Springfield, Mass.
- Dickinson, Orison, architect, Empire Bldg., Seattle, Wash.
- Dickinson, Paul, round house smoke jacks, 3346 S. Artesian av, Chicago, Ill.
- Dickinson Rack Co., Stockbridge, Mich.
- Dickinson, Thos. L., diamond tools mfr., 64 Nassau, New York.
- Dickinson, W. E., architect, 136 Market, Paterson, N. J.
- Dickinson's, A., Sons, lbr., pails, boxes, etc., Ashuelot, N. H.
- Dickson, Guy B., contrs., Union Bldg., Syracuse, N. Y.
- Dickover, Geo. T. & Son, contractors, Wilkes-Barre, Pa.
- Dickover, M. A., contrs., Hammond, Ind.
- Dickow, Fred C., machy. dlr., 33 S. Desplaines, Chicago, Ill.
- Dicks-Pontius Co., cements, wax, etc., Dayton, Ohio.
- Dickson Bros., drain tile, Whiteland, Ind.
- Dickson Car Wheel Co., Houston, Tex.
- Dickson & Co., mill & facty. supplies, New Castle, Pa.
- Dickson, J. W., machsts. & fndrs., Castle Rock, Wash.
- Dickson, J. W. Co., lumber, Memphis, Tenn.
- Dickson, Jas. C., lbr. mfrs., 936 E. Vermont, Indianapolis, Ind.
- Dickson, R., architect, Virginia City, Nevada.
- Dickson & Turnbull, contractors, 421 W. 54th, New York.
- Dictograph Co., 220 W. 42d, New York.
- Didden, C. A. & Son, architects, Corcoran Bldg., Washington, D. C.
- Didier-March Co., mfrs. fire brick, all kinds, Pefth Amboy, N. J.
- Didier, Wm., Mfg. Co., machsts., Racine, Wis.
- Diebold, John, & Sons Stone Co., 1417 16th, Louisville, Ky.
- Diebold Lumber & Mfg. Co., embossed mouldings, 93 Wabash av, Pittsburgh, Pa.
- Diebold Safe & Lock Co., Canton, Ohio.
- Dieckman Hardwood Co., 350 Beach, San Francisco, Cal.
- Dieckmann, Ferdinand, Co., conductor pipe, etc., 2423 Harrison av, Cincinnati, Ohio.
- Diedrick, Aug., contractor, 97 Van Buren, Brooklyn, N. Y.
- Diefenbacher, Philip, & Son., hollow bldg. blocks, Massillon, O.
- Diefenderfer & Dinwiddle Co., who. h'dwe., Sheridan, Wyo.
- Diefenthaler & Co., brick & tile, Millbury, O.
- Dieffenbacher, P., & Sons, contractors, Massillon, Ohio.
- Diehl, E. F., contractor, 3539 Shaw av, Cincinnati, Ohio.
- Diehl, G. M., Mach. Wks., Wabash, Ind.
- Diehl, H. P., Co., fireworks, Lawrenceburg, Ind.
- Diehl, H. Robert, architect, Chamberlaine Bldg., Norfolk, Va.
- Diehl Mfg. Co., machsts., Elizabeth, N. J.
- Diehl Novelty Co., mchsts. & fdrs., Glenbeulah, Wis.
- Diehl, Omwake & Diehl, masons' & bldrs.' matls., Chambersburg, Pa.
- Diehl Pottery Co., Philadelphia, Pa.
- Dielectric Mfg Co., compounds, wood preservatives, paints, varnishes, etc., 224 Vandeventer av, St. Louis, Mo.
- Dielmann, Jno. C., masons' & bldrs.' matls., San Antonio, Tex.
- Dielmann, L. M. J., architect, 306 E. Commerce, San Antonio, Tex.
- Dieman, Chas. A., & Co., architects, Granby Bldg., Cedar Rapids, Ia.
- Diemer, John F., Co., envelopes, 67 Cortlandt, New York.
- Diemer, Julius J., architect, 118 E. 28th, New York.
- Diemer, Philip H., architect, 128 Humboldt, Weehawken, N. J.
- Dien & Wing Paper Co., Gilbert av, Cincinnati, Ohio.
- Dienelt & Eisenhardt, power hammers, linoleum & textile machinery, 1304 No. Howard, Philadelphia, Pa.
- Diener, Geo. W., Mfg. Co., cans, fire extinguishers, etc., 400 Monticello av, Chicago, Ill.
- Diener, T. C., & Co., stone producers, 1157 W. 21st, Chicago, Ill.
- Dienst, A. P., Co., steam fitters', mill & facty. supplies, 2604 3d av, New York.
- Dierks Lbr. & Coal Co., masons' & bldrs.' matls., Gates Bldg., Kansas City, Mo.
- Dierks & Sons Lbr. Co., sash, door & blind mfrs., 198 Woodlost av, Kansas City, Mo.
- Dierlinger, Geo. H., architect, 12th & Chapline, Wheeling, W. Va.
- Die Sinking & Machine Co., machsts., Akron, Ohio.
- Diestler Co., lumber, Hortonville, Wis.
- Dieter Nut Co., 80 Maiden la, New York.
- Dietrich & Bentin, brick, Dubuque, Iowa.
- Dietrich Bros., steel structural dealers, Baltimore, Md.
- Dietrich, E. G. W., architect, 118 E. 28th, New York.
- Dietrich, H. A. R., htg. contrs., South Bethlehem, Pa.
- Dietrich, J., & Co., soap, San Antonio, Tex.
- Dietrich, John H., carriages, Greenmount & Gorsuch avs, Baltimore, Md.
- Dietrich, Wm. A., contractor, Pottsville, Pa.
- Dietrichs Valve-Oleum Oil Co., lubricating oils, 1252 W. 70th, Cleveland, O.
- Dietrick, J. E., architect, 1014 S. 28th, Omaha, Neb.
- Diets, S. J., mchsts. & fdrs., Bloomington, Ill.
- Dietsch, A. Co., sash, door & blind mfrs., 2640 Sheffield av, Chicago, Ill.
- Dietz, C. M., Lbr. Co., Omaha, Neb.
- Dietz, Fred, Co., wire bound boxes, 1102 Madison av, Indianapolis, Ind.
- Dietz, H. Z., architect, Lafayette, Ind.
- Dietz, J. F., Co., desk mfrs., Cincinnati, O.
- Dietz Machine Co., 126 Fountain, Philadelphia, Pa.
- Dietz, R. E., Co., lamps, lanterns, 60 Laight, New York.
- Dietz, W. G., stone, Palmyra, Pa.
- Dietze, Oscar, cornices, 208 E. 74th, New York.
- Dietzgen, Eugene, Co., "T" squares, architects' & engineers' instruments, 166 W. Monroe, Chicago, Ill.
- Diez & Roemer Brass Co., mchsts. & fndrs., 212 Fallsway, Baltimore, Md.
- Diffany & Co., machsts., 209 Parkhurst, Newark, N. J.
- Diffenerfer, E. H., architect, Winchester, Va.
- Differential Clock Co., 209 S. State, Chicago, Ill.
- Diffey, Thos., & Co., trunk mfrs., Louisville, Ky.
- Diffor, John, bldg. contr., Superior, Wis.
- Di Fiore, D., Canning Co., San Jose, Cal.
- Digel, S. H., contractor, Elwood, Ind.
- Diggins, G. F., contractor, Kendallville, Ind.
- Diggs & Beadles, fertilizer mfrs., Richmond, Va.
- Diggs, S., flour mills, Oliver Springs, Tenn.
- Dighton Foundry Co., Taunton, Mass.
- Dighton Furnace Co., Taunton, Mass.
- Dighton Stove Lining Co., Dighton, Mass.
- Digneo, Carlos, contractor, Sante Fe, N. M.
- Dikeman Mfg. Co., awls, clamps, scrapers, vises, screw driver mfrs., wrenches, etc., Norwalk, Conn.
- Dildine Bridge & Iron Co., Hannibal, Mo.
- Dilg Mfg. & Trading Co., dynamo mfrs., elec. fans, ice breakers, polish, 401 E. 163d, New York.
- Dilks, Albert W., architect, Mutual Life Bldg., Philadelphia, Pa.
- Dill & Collins Co., paper & pulp mills, 140 N. 6th, Philadelphia, Pa.
- Dill, Harry H., lumber mfrs., Equitable Bldg., Baltimore, Md.
- Dill, J. T. Co., mill & facty. supplies, 90 Walker, New York.
- Dill, Jas. B., flour mills, Huntington, Tenn.
- Dill, John W., architect, Idaho Falls, Idaho.
- Dill, Lewis, & Co., lumber mfrs., Keyser Bldg., Baltimore, Md.
- Dill Mfg. Co., junction boxes & metal stamping, etc., 684 E. 82d, Cleveland, Ohio.
- Dill, T. C., Machine Co. (slotting machines), Somerset & Mascher, Philadelphia, Pa.
- Dill, Wm., architect, Little Rock, Ark.
- Dill, Wm. H., Co., contractors, 153 Masten av, Buffalo, N. Y.
- Dillaby, Frank H., architect, 101 Tremont, Boston, Mass.
- Dillard Crawley Hardware Co., Blackstone, Va.
- Dillard & Jones, flour mills, Mineral Springs, Ark.
- Dille & Harris, masons' & bldrs.' matls., Valparaiso, Ind.
- Dille & McGuire Mfg. Co., lawn mowers, Richmond, Ind.
- Dillehay Brick Co., Danville, Ky.
- Diller, Caskey & Keen, fndrs., N. 6th, c. Berks, Philadelphia, Pa.



- Diller Clay & Stone Co., Lancaster, Pa.  
 Diller Mfg. Co., machinists, Bluffton, O.  
 Diller Tile Co., Bluffton, Ohio  
 Dilley, Clinton L., Co., masons' & bldrs.' matls., Logansport, Ind.  
 Dilley Foundry Co., Pine Bluff, Ark.  
 Dilley, Geo. E., & Son, mill & facty. supplies, Palestine, Tex.  
 Dilley, Wm., janitors' supplies, 22 N. 5th av, Chicago, Ill.  
 Dillinger Distilling Co., Ruff's Dale, Pa.  
 Dillingham Mfg. Co., ironing boards, ladders, refrigerators, etc., Sheboygan, Wis.  
 Dillman, I. M., sashes, doors & blinds, Long Beach, Cal.  
 Dillon Box Iron Wks. Co., machsts., Denver, Colo.  
 Dillon, C. E., architect, Mechanics Bldg., Petersburg, Va.  
 Dillon, D. M., Steam Boiler Wks., Fitchburg, Mass.  
 Dillon, Edward F., contractors, 5 N. First, Albany, N. Y.  
 Dillon Hardware Co., Denver, Colo.  
 Dillon, Jno., & Co., contractors, 179 W. Washington, Chicago, Ill.  
 Dillon, Jno. L., masons' & bldrs.' matls., Salem, N. Y.  
 Dillon, J. W., masons' & bldrs.' matls., Thomasville, Ga.  
 Dillon, McLellan & Beadel, architects, 3 W. 29th, New York.  
 Dillon Machine Co., Lawrence, Mass.  
 Dillon, Moses, Co., masons' & bldrs.' matls., Sterling, Ill.  
 Dillon Plow & Novelty Wks., Dillon, S. C.  
 Dillon Supply Co., mill & facty. supplies, Raleigh, N. C.  
 Dillon's, E., Sons, lime mfrs., Indian Rock, Va.  
 Dilts Machine Works, paper mill machinery, knives, etc., Fulton, N. Y.  
 Dilworth, Porter & Co., machsts. & fndrs., 4th & Bingham, Pittsburgh, Pa.  
 Dilzer, Fred, htg. contractor, 581 Kinzie, Chicago, Ill.  
 Dimock & Fink Co., mill & facty. & plumbers' supplies—jobbers, 220 E. 125th, New York.  
 Dimock, Gould & Co., lbr. mfrs., Moline, Ill.  
 Dimond, J. H. E., & Son, carriages, Urbana, Ohio.  
 Dimond Milling Co., cereal foods, Keokuk, Ia.  
 Dimond-Union Stamp Wks., 175 Washington, Boston, Mass.  
 Dinan, Thos. (Est. of), brick, East Kingston, N. Y.  
 Dines, Wm. L., Jr., Co., machsts. & rice & coffee hulling machy., Worcester, Mass.  
 Ding & Teuscher, cornices, 476 18th av, Newark, N. J.  
 Dingee, M. H., & Co., lubrg. oils, 254 Water, New York.  
 Dingerstedt & Co., arsenic, 21 State, New York.  
 Dingfelder, W. S., lbr., sash, door & blind mfr., Hamilton, Ohio.  
 Dingley, E. S., Co., canned goods, West Farmington, Me.  
 Dings, Chas. W., mill & facty. supplies, Oswego, N. Y.  
 Dings Magnetic Separator Co., magnetic separators for all purposes, 672 Smith, Milwaukee, Wis.  
 Dini, Geo. L., papier mache mfrs., 483 Baltic, Brooklyn, N. Y.  
 Dinkel, J. S., lumber, Longwood, Fla.  
 Dinkel & Jewell Co., masons' & bldrs.' matls., Tarrytown, N. Y.  
 Dinkelberg, Frederick P., architect, 80 E. Jackson blvd., Chicago, Ill.  
 Dinkins-Davidson Hardware Co., Atlanta, Ga.  
 Dinn, P. J., & Co., archl. iron, 278 Dover, Boston, Mass.  
 Dinnebell Bros., contractors, 200 5th av, New York.  
 Dinnie Bros. Corp., contractors & masons' & bldrs.' matls., Grand Forks, N. D.  
 Di Novo, Frank, contractor, Troy, N. Y.  
 Dinsmore, Wm. W., architect, 28 School, Boston, Mass.  
 Dinsmore Mfg. Co., sewing machs. & machy., Salem, Mass.  
 Dinwiddle Stave Co., cooperage stock, Louisville, Ky.  
 Dinwiddle Constr. Co., Yeon Bldg., Portland, Ore.  
 Dion, Alfred O., architect, 22 Park Vale av, Boston, Mass.  
 Dion, Geo. P., architect, Chicopee, Mass.  
 Dion, N. G., architect, Hoquiam, Wash.  
 Dippold, A. P., architect, 4747 Cottage Grove av, Chicago, Ill.  
 Dippold, Fred M., stone, St. Marys, Pa.  
 Direct Line Telephone Co., 450 Broome, New York.  
 Direct Separator Co., steam separators, Syracuse, N. Y.  
 Direct Supply Co., sweaters, cardigans, etc., 475 E. 145th, New York.  
 Dirigo Packing Co., Machias, Me.  
 Dirksen, R. D., sash, door & blind mfrs., Freeport, Ill.  
 Di Roma, Tony, landscape architect, 33 Evelyn pl, New York.  
 Dirr, Geo. L., & Son, cornices, 3631 Warsaw av, P. H., Cincinnati, Ohio.  
 Disappearing Roller Screen Co., 2544 W. Pico, Los Angeles, Cal.  
 Disborough, Geo., contractor, Connorsville, Ind.  
 Disbrow, M. A., & Co., glass & masons' & bldrs.' matls., Lyons, Ia.  
 Disbrow Sash & Door Co., Cedar Rapids, Ia.  
 Disc Grader & Plow Co., Andrus Bldg., Minneapolis, Minn.  
 Dischert, Geo. C., Carriage & Wagon Co., 915 Washington, St. Louis, Mo.  
 Dishaw & Dishaw, machinists & founders, Canton, N. Y.  
 Disher, Anderson E., lumber, Dexter, Mo.  
 Dishman, A. T., common brick, Spokane, Wash.  
 Dismore, Geo. W., packing box mfrs., Lawrence, Mass.  
 Dispatch Motor Car Co., 1200 av S. E., Minneapolis, Minn.  
 Dissinger Farm Co., engines, Wrightsville, Pa.  
 Disston, Henry, & Sons, saw sharpening & metal cutting-off machinery & screw rods, Tacony, Philadelphia, Pa.  
 Distler, John C., cornices, Mishawaka, Ind.  
 District of Columbia Paper Mfg. Co., 3255 K, N. W., Washington, D. C.  
 Ditch, Bowers & Taylor, carriages, Mt. Roy & North, Baltimore, Md.  
 Ditchitt, Thos. (Est.), roofing slate, Bangor, Pa.  
*See adv index at end of book.*  
 Dithey, Wm. J., architect, 1 Union sq., W., New York.  
 Ditmars, I. E., architect, 111 5th av, New York.  
 Dittlinger, H., Roller Mills Co., flour, New Braunfels, Tex.  
 Dittlinger Lime Co., New Braunfels, Tex.  
 Dittman, Fred, Hardware Co., cornices & skylights, La Crosse, Wis.  
 Dittmar, John, & Son, wood handles, 800 E. Pratt, Baltimore, Md.  
 Dittmar Powder Wks., 102 W. 130th, New York.  
 Ditto, Chas. H., duck calls, Keithsburg, Ill.  
 Ditto, G. M., machinist, Joliet, Ill.  
 Dittoe, Fahnestock & Ferber, architects, Carew Bldg., Cincinnati, Ohio.  
 Dittrich, Henry C., architect, Worcester Bldg., Portland, Ore.  
 Dittrock & Jordan Elec. Co., armature re-winding, 8700 Lorain av, Cleveland, Ohio.  
 Ditzel & Ward, contractors, Batavia, N. Y.  
 Ditzler Color Co., 20 Baltimore av, W., Detroit, Mich.  
 Ditzler Hardwood Co., Bluffton, Ind.  
 Diulus, Guy, contractor, 389 Boquet, Pittsburgh, Pa.  
 Divekey Bros., machsts. & mill & facty. supplies, Aurora, Ill.  
 Diven Mfg. Co., filing cabinets & devices, Elmira, N. Y.  
 Divine Bros. Co., buffing & polishing wheels, Utica, N. Y.  
 Divine, Dwight, & Son, cutlery mfrs., Ellenville, N. Y.  
 Dix Bros., flour mills, Wytheville, Va.  
 Dix, Chas. B., machsts. & fndrs., Glens Falls, N. Y.  
 Dix, Chas. H., stone, 52 B'way, New York.  
 Dix, John C., Son & Co., carriages, Memphis, Tenn.  
 Dix Mfg. Co., hdwe. mfrs., Eager & Falls way, Baltimore, Md.  
 Dix-Mason Brick Co., Marion, Ohio.  
 Dixie Brick & Tile Co., Puryear, Tenn.  
 Dixie Cotton Felt Mattress Co., 2024 S. Racine av, Chicago, Ill.  
 Dixie Cotton Mills, La Grange, Ga.  
 Dixie Cotton Oil Co., Montgomery, Ala.  
 Dixie Cotton Oil Mill, cottonseed meal, Little Rock, Ark.  
 Dixie Culvert & Metal Co., pipe, dredge & pontoon, Atlanta, Ga.  
 Dixie Fertilizer Co., Dublin, Ga.  
 Dixie Guano Co., fertilizer mfrs., Suffolk, Va.  
 Dixie Lime & Cement Corp., Norfolk, Va.  
 Dixie Logging Tool Co., Chattanooga, Tenn.  
 Dixie Lumber Co., Mobile, Ala.  
 Dixie Mfg. Co., dust collectors, Stockholm & Russell, Baltimore, Md.  
 Dixie Mattress Co., Hattiesburg, Miss.  
 Dixie Milling Co., flour, Burlington, N. C.  
 Dixie Milling Co., flour, High Point, N. C.  
 Dixie Motor Car Co., 3d & K, Louisville, Ky.  
 Dixie Portland Cement Co., Chattanooga, Tenn.  
 Dixie Seal & Stamp Co., stencils, Atlanta, Ga.  
 Dixie Vehicle Manufacturing Co., 721 St. Joseph, New Orleans, La.  
 Dixon & Ballou, plumbers' supplies—jobbers, Carroll & Ellicott, Buffalo, N. Y.  
 Dixon, Chas. E., & Son, trench braces, 3027 Liberty av, Pitts., Pa.  
 Dixon, Chas. R., Co., machinists, Kingston, N. Y.  
 Dixon Glass Co., Los Angeles, Cal.  
 Dixon, H. L., Co., glass house moulds & machsts. & fndrs., Rosalyn rd, Pittsburgh, Pa.  
 Dixon, John, & Son, cornices, Racine, Wis.  
 Dixon, Joseph, Crucible Co., paints & graphite products of all kinds, Jersey City, N. J. *See adv index at end of book.*  
 Dixon Lubricating Saddle Co., stirrups & levers, Bristol, R. I.  
 Dixon, Robt. B., & Co., masons' & bldrs.' matls., Easton, Md.  
 Dixon, Robt. C., architect, 544 Park av, Trenton, N. J.  
 Dixon Springs Milling Co., flour, Dixon Springs, Tenn.  
 Dixon, Wm., mill & facty. supplies, watchmakers' & jewelers' tools, etc., 39 John, New York.  
 Dixon, Wm. F., cotton & wool waste, 102 Levering, Phila., Pa.  
 Dixon, W. W., architect, 1844 5th av, Oakland, Cal.  
 D. & J. Co., machinists, West Lafayette, Ohio.  
 Djourup, Frantz, sanitary flooring, 903 Wash'n blvd., Chicago, Ill.  
 Dlouhy, Vincent, Sash & Door Co., 2138 Laffin, Chicago, Ill.  
 Doak, Albert, contractor, 2138 Arch, Philadelphia, Pa.  
 Doak Gas Engine Co., Oakland, Cal.  
 Doak, Jas. G., & Co., building contractors, Crozer Bldg., Philadelphia, Pa.  
 Doan, A. M., contractor, 318 Huron, Toledo, Ohio.  
 Doan, Israel, & Sons Co., contractors, Aurora, Ill.  
 Doan, T. E., Bellingham, Wash.  
 Doane & Bartlett Co., oils, Beaufort, N. C.  
 Doane, G. E., mill & facty. supplies, Middleboro, Mass.  
 Doane, G. M., & Sons, contractors, Santa Maria, Cal.  
 Doane & Jones Lbr. Co., Elmira, N. Y.  
 Doane Mfg. Co., wood handles, Allston, Mass.  
 Doane Motor Truck Co., 425 4th, San Francisco, Cal.  
 Dobbertin, A. C., corn brooms, Rochester, N. Y.  
 Dobbie Fdry. & Mach. Co., contractors' tools & supplies, etc., & drag line excavators, Niagara Falls, N. Y.  
 Dobbins, Geo. F., architect, 8341 Germantown av, Phila., Pa.  
 Dobbins, C. E., & Co., machinists, 460 N. Halsted, Chicago, Ill.  
 Dobbins Core Drill Co., 149 B'way, New York.  
 Dobbins Mfg. Co., gasoline soldering iron, 127 S. 1st, Minneapolis, Minn.  
 Dobbins, Seward G., architect, Atlantic City, N. J.  
 Dobbins Soap Mfg. Co., 119 S. 4th, Philadelphia, Pa.



- Dobbins, T. A., & Co., flour, Rusk, N. C.  
 Dobbs, Jos., contractor, Bernardsville, N. J.  
 Dobbs, S. B., masons' & bldrs.' matls., 1218 Chestnut, Phila., Pa.  
 Dobeas, Louis, lumber, Ingalls, Mich.  
 Dobell, R. H., architect, Carvallis, Ore.  
 Doble, Abner, auto. bldr., Waltham, Mass.  
 Doble-Detroit Steam Motor Co., Detroit, Mich.  
 Dobson, Frank, htg. contr., 319 E. 53d, New York.  
 Dobson, J. & J., woolen blankets, plushes, Falls Schuylkill, Philadelphia, Pa.  
 Dobson Mfg. Co., dairy app. & supplies, Rockford, Ill.  
 Dobson, R. P., & Co., heating contr., Paca & Saratoga, Balti., Md.  
 Dobson, W. H., contractor, Wilkes-Barre, Pa.  
 Dobson, Wm., spray caps, Canastota, N. Y.  
 Dock, Wm., & Co., soap, 2144 Colerain av., Cincinnati, Ohio.  
 Dockham Publishing Co., 6 Beacon, Boston, Mass.  
 Dockray, H. V., Brass & Iron Co., Zanesville, Ohio.  
 Dockstader, Otis, & Son, architects, 103 W. Church, Elmira, N. Y.  
 Dockwiler & Kingsbury Co., ground bone, Indianapolis, Ind.  
 Dodd, A. W., & Co., glue & fish oils, Gloucester, Mass.  
 Dodd & Carpenter, brick, Jamestown, Ohio.  
 Dodd City Oil Mill Co., meal, Dodd City, Tex.  
 Dodd Co., engng. & surveying instrs., 1936 E. 6th, Cleveland, O.  
 Dodd & Richards, architects, 520 W. 7th, Los Angeles, Cal.  
 Dodd & Struthers, lightning rods, Des Moines, Ia.  
 Dodd, Thos. J., contractor, Norwich, Conn.  
 Doddington Co., sash, door & blind mfrs., 451 W. Broad, Columbus, Ohio.  
 Doddridge Window Glass Co., West Union, W. Va.  
 Dodds, Alex., Co., machinists, Grand Rapids, Mich.  
 Dodds Canning Co., Dodds, Ohio.  
 Dodds, Everett S., Co., architects, Paxton blk., Omaha, Neb.  
 Dodds, Geo., & Sons Granite Co., Xenia, Ohio.  
 Dodds, John A., stone producers, 2929 Ellsworth, Phila., Pa.  
 Dodds L'br. Co., Omaha, Neb.  
 Dodds-Page Co., architects, Lennox Bldg., Cleveland, Ohio.  
 Dodge, Albert J., thermometers, Petersboro, N. H.  
 Dodge & Bliss Co., lbr. mfrs. & shooks, boxes, W. End, Jersey City, N. J.  
 Dodge Bros., automobile bldrs., Campau av., Detroit, Mich.  
 Dodge, C. A., Co., contractors, 166 Devonshire, Boston, Mass.  
 Dodge, C. A., Co., contractors, Cambridge, Mass.  
 Dodge, Chas. S., machinists, Lowell, Mass.  
 Dodge Clothespin Co., wood dishes, Caudersport, Pa.  
 Dodge-Davis Mfg. Co., woolen flannels, Bristol, N. H.  
 Dodge-Dickinson Co., mattresses, Bloomington, Ill.  
 Dodge, Edwin L., htg. contr., 8 Friend, Boston, Mass.  
 Dodge, Edwin S., architect, 15 Exchange, Boston, Mass.  
 Dodge, E. J., Co., lumber mfrs., 16 California, San Fran., Cal.  
 Dodge Fertilizer Co., Eastman, Ga.  
 Dodge, F. W., trade publication, 119 W. 40th, New York.  
 Dodge, H. B., & Co., sash, door & blind mfrs., 332 So. Michigan av., Chicago, Ill.  
 Dodge, H. C., turret lathes, 175 Old Colony av., Boston, Mass.  
 Dodge-Haley Co., whol. hdwe. & mill & facty. supplies, 218 High, Boston, Mass.  
 Dodge, J., Bros., machsts. & fndrs., Campan av., Detroit, Mich.  
 Dodge Lumber Co., Monroe, Wis.  
 Dodge Lumber & Fuel Co., Rochester, Minn.  
 Dodge Mfg. Co., mill & facty. supplies, Mishawaka, Ind.  
 Dodge & Morrison, architects, 135 Front, New York.  
 Dodge & Olcott Co., oils, 87 Fulton, New York.  
 Dodge, Paul L., architect, Asbury Park, N. J.  
 Dodge Processes, photo-engravers' outfits, 13 Park Row, New York.  
 Dodge, R. Irving, architect, 233 Broadway, New York.  
 Dodge, Robt., glass stainer, 242 W. 14th, New York.  
 Dodge Sales & Engineering Co., pulley mfrs., Mishawaka, Ind.  
 Dodge Scale Co., 126 11th av., New York.  
 Dodge, S. P., Co., carriages, Manchester, N. H.  
 Dodge & Zuill, clothes washing machs., Syracuse, N. Y.  
 Dodgen Canning Co., Gentry, Ark.  
 Dodgson, L. P., & Son, masons' & bldrs.' matls., McLean, Ill.  
 Dodson & Card Co., heating contractors, 699 Howard, Detroit, Mich.  
 Dodson, E., Saw Mill & Lbr. Co., 557 Cleveland av., Columbus, O.  
 Dodson, Fisher, Brockman Co., harness, 15 N. 3d., Minneapolis, Minn.  
 Dodson, F. S., wood chopping bowls, Granville, Vt.  
 Dodson, H. C., Jr., architect, St. Michaels, Md.  
 Dodson, J. V., machinist, Norwich, Kan.  
 Dodson Saddlery Co., Dallas, Tex.  
 Doe, F. A., contractor, Amesbury, Mass.  
 Doe, Frank P., Lumber Co., 16 California, San Francisco, Cal.  
 Doe, Walter S., commutator compounds, Kent, Ohio.  
 Doehler Die-Casting Co., 9th & Court, Brooklyn, N. Y.  
 Doehrer, Bernhardt, architect, 15 Fairfield av., Bridgeport, Conn.  
 Doelger & Kirston, machsts., 507 Cedar, Milwaukee, Wis.  
 Doench & Yost, architects, 105 W. 40th, New York.  
 Doeppers, E. C., & Co., architects, Bloomington, Ind.  
 Doering, C., & Son, tinning & japanning, 1375 W. Lake, Chicago, Ill.  
 Doermann-Roehrer Co., masons' & bldrs.' matls. & mill & facty. & mine supplies, 318 E. 3rd, Cincinnati, Ohio.  
 Doerr Bros., architects, 28 E. Jackson blvd., Chicago, Ill.  
 Doerr, Burt O., architect, Battle Creek, Mich.  
 Doerr Glass Co., glassware, Vineland, N. J.  
 Doerun Lead Co., Bonne Terre, Mo.  
 Doerun Oil Mill Co., Doerun, Ga.  
 Doerzbach Bros., contractors, Sandusky, Ohio.  
 Doggett, Stanley, hydraulic lime & clay, minerals, etc., 11 Cliff, New York.  
 Doherty Bros., iron fndrs., Lowell, Mass.  
 Doherty, Eugene (Est. of), rubber goods, 110 Kent av., Brooklyn, N. Y.  
 Doherty, Frank E., contractor, 133 W. Washington, Chicago, Ill.  
 Doherty, Frank J., cornices & skylights, Lynchburg, Va.  
 Doherty Hardware Co., Baton Rouge, La.  
 Doherty, Jos., & Bro., contractors, 236 Center, Bridgeport, Conn.  
 Doherty Lime & Stone Co., The Spitzer, Toledo, Ohio.  
 Doherty, Peter J., architect, Leicester, Mass.  
 Doherty, Philip, Hardware & Supply Co., Latrobe, Pa.  
 Doherty, Timothy F., architect, 347 Poplar, New Haven, Conn.  
 Dohmen, Anton, architect, 1st Nat. Bk. Bldg., Milwaukee, Wis.  
 Dohn, Fischer & Beyer, sash, door & blind mfrs., Buffalo, N. Y.  
 Doig, Wm. S. (Est. of), machinist, 54 Franklin, Brooklyn, N. Y.  
 Doke, F. L., Lbr. Co., Corsicana, Tex.  
 Dolan, Bernard J., contractor, Bethel, Conn.  
 Dolan, Daniel J., masons' & bldrs.' matls., 1643 Market, San Francisco, Cal.  
 Dolan, Jos. M., contractor, 197 Sidney, Boston, Mass.  
 Dolan, Thos., Heating Co., Oklahoma, Okla.  
 Dolan, T. & J., stone producers, 316 S. 24th, Philadelphia, Pa.  
 Dolan, W. J., church decorations, 100 Boylston, Boston, Mass.  
 Doland, J. A., & Co., contractors, New London, Conn.  
 Dolarway Paving Co., 17 Battery pl., New York.  
 Dolbeer & Carson Lumber Co., Merchants' Exch. Bldg., San Francisco, Cal.  
 Dolby, S. W., Jr., canned goods, Whitehaven, Md.  
 Dolby, W. H., canned goods, Whitehaven, Md.  
 Dold, Jacob, Packing Co., meat, Buffalo, N. Y.  
 Dole, E., & Co., woolen flannels, Campton, N. H.  
 Dole, M. H., lumber mfrs., Washington, N. H.  
 Dole, Osgood & Co., carriages, Peabody, Mass.  
 Dole Valve Co., 208 No. 5th av., Chicago, Ill.  
 Doles, Edwin E., spokes, rims (carriage & wagon wheel), Greensburg, Ind.  
 Dolese Bros. Co., contractors, stone, 10 S. La Salle, Chicago, Ill.  
 Dolese & Shepard Co., contractors & masons' & bldrs.' matls., 108 S. La Salle, Chicago, Ill.  
 Dolezal, Jos., pearl buttons, Long Island City, N. Y.  
 Dolge, C. B., Co., compounds, disinfectants, etc., Westport, Conn.  
 Dolgeville Felt Shoe Co., Dolgeville, N. Y.  
 Dolgoff, Jas. L., scrap brass, Bridgeport, Conn.  
 Dolich Button Wks., 413 6th av., New York.  
 D'Olier Centrifugal Pump & Machine Co., 1421 Chestnut, Philadelphia, Pa.  
 Doliff, L. P., & Co., lumber, 615 Lumber Ex. Bldg., Minneapolis, Minn.  
 Dolinsky Bros., contractors, Cleveland, Ohio.  
 Doll, Jacob, & Sons, pianos, 100 Southern blvd., New York.  
 Dollan, Jos., Contrg. Co., 25 W. 140th, New York.  
 Dollar, W. H., Mfg. Co., killers, fly swatters, Camden, N. J.  
 Dollard Const. Co., contrs., Syracuse, N. Y.  
 Dollard, Jas., Co., contractors, Troy, N. Y.  
 Dollard, M. F., contractor, Albany, N. Y.  
 Dollinger, John, tubular boilers, Beaumont, Tex.  
 Dolliver, J. W., architect, 201 Sansome, San Francisco, Cal.  
 Dollman, Henry L., contractor, Merchants' Bk. Bldg., Indianapolis, Ind.  
 Dollman, J. W., cornices & skylights, Glendale, Ohio.  
 Dolloff, C. W., & Co., contractors, 20 Central, Boston, Mass.  
 Dolman, Chas., knitted gloves, 48 E. Court, Cincinnati, Ohio.  
 Dolomite Products Co., stone producers, 1110 Euclid av., Cleveland, Ohio.  
 Dolph, John C., Co., insulating compounds, 178 Emmett, Newark, N. J.  
 Dolphin Cutlery Co., 366 B'way, New York.  
 Dolphin Jute Mills, cordage & twine mfrs., Paterson, N. J.  
 Dolphin White Lead & Color Wks., paint mfrs., Plainville, Ohio.  
 Doman, H. C., Co., marine engines, 5th, Oshkosh, Wis.  
 Dome, Geo., contractors, Middletown, Ohio.  
 Domestic Appliance Co., vacuum cleaners, Rochester, N. Y.  
 Domestic Engine & Pump Co., Shippensburg, Pa.  
 Domestic Engng., trade publications, 37 W. Van Buren, Chicago, Ill.  
 Domestic Engineering Co., electric lighting systems for residences, etc., & electric lighting plants, Dayton, Ohio.  
 Domestic Gas Iron Co., sad irons, 1001 Black Adore av., Pittsburgh, Pa.  
 Domestic Laundry Equipment Corp., laundry machinery mfrs., 228 W. 26th, New York.  
 Domestic Nov. Co., 217 High, Newark, N. J.  
 Domestic Plating Wks. Co., 1121 Washington blvd., Chicago, Ill.  
 Domestic Sewing Mach. Co., 19 W. Jackson blvd., Chicago, Ill.  
 Domestic Soap Mfg. Co., scouring powders, 113 6th, Long Island City, N. Y.  
 Domestic Talking Machine Co., 33d & Arch, Philadelphia, Pa.  
 Domestic Tungsten Lamp Co., 575 Bergenline av., West Orange, N. J.  
 Domestic Vacuum Cleaner Co., Worcester, Mass.  
 Domhoff & Joyce Co., pig iron dtrs., 4th & Elm, Cincinnati, Ohio.  
 Dominick & Haff, silver nov., 545 W. 23d, New York.  
 Dominick, William F., architect, 3 W. 29th, New York.



- Dominion Iron Wks., machsts. & fndrs., Bristol, Va.  
 Dominion Metal Products Co., road culverts & cornices & sky-lights, shingles, etc., Roanoke, Va.  
 Dommermuth, M., contractor, Avoca, Pa.  
 Donaghmore Iron & Steel Co., scrap iron, Lebanon, Pa.  
 Donahoe Bros., contractors, Middletown, Conn.  
 Donahoe Coke Co., Greensburg, Pa.  
 Donahoe & Nolan, brick, Trenton, N. J.  
 Donahue & Co., bldg. contrs., 318 Bradford av, Milwaukee, Wis.  
 Donahue, Edw., contractor, Janesville, Wis.  
 Donahue Hardware Co., Sandusky, Ohio.  
 Donahue, J. E., Lumber Co., South Bend, Ind.  
 Donahue, J., & Son, bldg. contrs., 318 Bradford, Milwaukee, Wis.  
 Donahue, J. W., architect, 476 Main, Springfield, Mass.  
 Donahue & Marsden, machinists, Norfolk, Va.  
 Donahue, Robt., Iron & Hardware Co., Burlington, Ia.  
 Donahue-Selover Const. Co., Globe Bldg., St. Paul, Minn.  
 Donahue, W. B., contractor, Portland, Ore.  
 Donald, Hy. R., Sales Co., fndry. lacings, etc., 259 S. Water, Milwaukee, Wis.  
 Donald, James, architect, 17 Battery pl, New York.  
 Donald, Wm. C., & Co., lamp black mfrs., printing inks, Andover, Mass.  
 Donalds Oil Mill Co., meal, Donalds, S. C.  
 Donaldson Art Sign Co., pennant mfrs., 21st & L. N. R. R., Cov., Cincinnati, Ohio.  
 Donaldson Bros., agricultural implements, Mt. Clemens, Mich.  
 Donaldson & Fisher Co., machsts., 416 W. Grand av, Chicago, Ill.  
 Donaldson Iron Co., machsts. & fndrs., Emaus, Pa.  
 Donaldson & Meier, architects, Penobscot Bldg., Detroit, Mich.  
 Donaldson & Pearson, contractors, Atlanta, Ga.  
 Donaldson, W. W., contractor, Portsmouth, Ohio.  
 Donaldsonville Oil Mill, Donaldsonville, Ga.  
 Donaldsonville Shingle Co., lbr. mfrs., Donaldsonville, Ga.  
 Donchion, Sam'l, Rug Co., fasteners, Hartford, Conn.  
 Donegan, D., Co., contractors, 5904 14th av, Brooklyn, N. Y.  
 Donegan & Swift, mill & facty. supplies, 6 Murray, New York.  
 Donegan, Thos. F., contractor, Trenton, N. J.  
 Donehue, John C., contractor, Perth Amboy, N. J.  
 Dongan Elec. Mfg. Co., transformers, Detroit, Mich.  
 Donges, John, & Co., carriage bows, hubs, rims, shafts & spokes, Hamilton, Ohio.  
 Donigan & Nielson, fifth wheel, 743 3d av, Brooklyn, New York.  
 Doniphan Lbr. Co., Kansas City, Mo.  
 Donker & Williams Co., advtg. nov. & spec., 1322 Wabash av, Chicago, Ill.  
 Donley Brick Co., Washington, Pa.  
 Donley Bros. Co., concrete inserts, E. 74th, cor. Aetna rd, Cleveland, Ohio.  
 Donlon, Thos., Co., contractors, 294 Butler, Brooklyn, N. Y.  
 Donn & Deming, architects, 808 17th, N. W., Washington, D. C.  
 Donn, Jno. M., architect, 1516 H. N. W., Washington, D. C.  
 Donnally, A. H., machst. & fndr., Fairmont, W. Va.  
 Donnan, W. S., Hardware Co., McDonough, Richmond, Va.  
 Donnell, C. E., & Co., printing inks, Sawyer Bldg., St. Louis, Mo.  
 Donnell, Harry E., architect, 225 5th av, New York.  
 Donnell, W. J., Lumber Co., Perth Amboy, N. J.  
 Donnellan & McKenzie, stone producers, Tacoma, Wash.  
 Donnelly, Wm. T., naval architect, 17 Battery pl, New York.  
 Donnelly & Blanthorn & Co., machsts., 526 W. 28th, New York.  
 Donnelly Brick Co., Berlin, Conn.  
 Donnelly, D. B., steam fitters' supplies, Fairfield, Me.  
 Donnelly, D. St. C., architect, New London, Conn.  
 Donnelly & Graham, contractors, W. 30th & C. & St. L., Cleveland, Ohio.  
 Donnelly, John, holders, Branford, Conn.  
 Donnelly, J. R., Co., plate & window glass, 54 Classon av, Brooklyn, N. Y.  
 Donnelly-Kelly Glass Co., furn. tops, Holland, Mich.  
 Donnelly Machine Co., Brockton, Mass.  
 Donohue, E. J., architect, Gilfillan Bldg., St. Paul, Minn.  
 Donohue, John, contractor, Mahanoy City, Pa.  
 Donohue, John T., tackle blocks, 704 S. Potomac, Baltimore, Md.  
 Donohue's, P. J., Sons, tubular boilers, 108 Wallabout, Brooklyn, N. Y.  
 Donovan & Crandall, architects, 600 Lexington av, New York.  
 Donovan, D. A., pipe hangers, Auburn, N. Y.  
 Donovan, D. F., cornices & skylights, 71 Prospect, Jersey City, N. J.  
 Donovan Iron & Supply Co., 812 N. Main, St. Louis, Mo.  
 Donovan, John E., contractor, 2205 Richmond ter, Port Richmond, N. Y.  
 Donovan, John F., contractor, West New Brighton, N. Y.  
 Donovan Lumber Co., Aberdeen, Wash.  
 Donovan, Michael J., architect, Vicksburg, Miss.  
 Donovan, Walter A., architect, Meriden, Conn.  
 Donovan, Wm., contractor, Austin, Minn.  
 Donovan, Wm. J., cornices, 1506 Ogden, Philadelphia, Pa.  
 Donovan Wire & Iron Co., Chicago & W. & L. E. Ry, Toledo, O.  
 Dooley Bros., miners' supplies (jobbers), 604 S. Adams, Peoria, Ill.  
 Dooley, C. E., brick, Scotts Bluff, Neb.  
 Dooley, C. L., Inc., contractor, 257 Adelphi, Brooklyn, N. Y.  
 Dooley Hardware Co., Rockville, Ind.  
 Dooley, Jas. J., & Sons, masons' & bldrs.' matls., Cohoes, N. Y.  
 Dooley & Robinson Bros., fertilizer mfrs., Cardiff, Md.  
 Doolittle, Hy. N., packing box mfr., 31 Bruen, Newark, N. J.  
 Doolittle, L. G., machinist, Binghamton, N. Y.  
 Dooly Fertilizer Co., Vienna, Ga.  
 Dooly, Jno. E., Hdwe. Co., 2249 S. Grand av, St. Louis, Mo.  
 Dopp, H. W., vacuum pans, Buffalo, N. Y.  
 Dopp, J. W., & Co., dealers, equipment, tools & machinery, 1420 Dime Bk. Bldg., Detroit, Mich.  
 Doppes, J. B., Sons Lbr. Co., 1250 Gest, Cincinnati, Ohio.  
 Doppller, Jos., contractors, Indiana Harbor, Ind.  
 Doran Bros., machsts. & fndrs., Danbury, Conn.  
 Doran & Co., ties, poles, etc., Bell Bldg., Cincinnati, Ohio.  
 Doran, Jas. W., architect, Sidney, Ohio.  
 Doran, Jno. A., cornices, Chester, Pa.  
 Doran, M. M., bldg. contr., Madison, Wis.  
 Dorchester Brass & Aluminum Foundry, Jamaica Plain, Boston, Mass.  
 Dorchester & Hughey, lumber mfrs., Bellevue, Ia.  
 Dorchester Pottery Wks., bean pots, 9 Preston, Boston, Mass.  
 Dore, A. E., Jr., architect, 650 Bergenline av, West New York, N. J.  
 Doremus, J. T., Co., whol. hdwe., 66 Washington, Paterson, N. J.  
 Doremus Machine Co., 302 13th, N. W., Washington, D. C.  
 Dorer, C. L., Fdry. Co., Bellaire, Ohio.  
 Dorer, John, contractor, Irvington, N. J.  
 Dorflinger, C., & Sons, glass tumblers & cut glassware, White Mills, Pa.  
 Dorfmann Bros., thermometers, Corona, N. Y.  
 Dorfmann, J., & Sons, second hand bags, 269 South, New York.  
 Dorfmann, D. W., architect, 69 W. 113th, New York.  
 Dorffner, F. J., Co., cornices, Butte, Mont.  
 Dorian Demountable Rim Co., 1777 B'way, New York.  
 Doriot, H., architect, Bristol, Tenn.  
 Dorl, F., & Co., waterproofing materials, ores, paints, etc., 13 Park Row, New York.  
 Dorman & Co., mill & facty. supplies, Freeport, Ill.  
 Dorman, E. E., machsts. & fndrs., Cookeville, Tenn.  
 Dorman, H. W., & Co., cornices, 243 Congress av, New Haven, Conn.  
 Dorman, Jas., stone, Lawrence, Mass.  
 Dorman, J. F. W., Co., rubber stamp makers' supplies, mfrs., Baltimore, Md.  
 Dorman, Jno. H., machinist, 1 Bethune, New York.  
 Dorman & Smyth Hdwe. Co., cornices, Salisbury, Md.  
 Dorman-Price Lumber Co., Broxton, Ga.  
 Dorn, Fred R., architect, Marsh-Strong Bldg., Los Angeles, Cal.  
 Dorn & Marcellus Co., valve mfrs., Mascher & York, Phila., Pa.  
 Dornbaum Knitting Co., sweaters, etc., 3136 Lincoln av, Chicago, Ill.  
 Dornette, Edward H., architect, Pickering Bldg., Cincinnati, O.  
 Dornette, J., & Bro. Co., desk mfrs., 1250 Harrison av, Cincinnati, Ohio.  
 Dornfeld Iron Wks., gas producers, Watertown, Wis.  
 Dornfeld, Jno. F., brewery architects, 2148 Washington blvd., Chicago, Ill.  
 Dornfeld-Kunert Co., tubular boilers, Watertown, Wis.  
 Dornin, T. B., Adams Co., cornices & skylights, Lynchburg, Va.  
 Doron Bros. Elec. Co., Hamilton, Ohio.  
 Dorpfeld, Fred'k W., Co., files, 88 Warren, Newark, N. J.  
 Dorr, C. M., Co., htg. contrs., Hoosick Falls, N. Y.  
 Dorr Co., cyanide plants & classifiers, slime, mining agitators, metallurgical engineers, Denver, Colo.  
 Dorr & Dorr, architects, Lumber Exchange, Minneapolis, Minn.  
 Dorr, Wallie, Co., billiard tables, toys, etc., 35 Murray, New York.  
 Dorrance, Chas. J., grate bar mfr., 111 Jackson blvd., Chicago, Ill.  
 Dorries & Co., hdwe. mfrs., saddlery, Buffalo, N. Y.  
 Dorris, E. A., & Sons, flour mills, Hendersonville, Tenn.  
 Dorris Motor Car Co., 4100 Laclede av, St. Louis, Mo.  
 Dorsch, John, & Sons, agricultural implements, 209 Wells, Milwaukee, Wis.  
 Dorschel, Schultz & Co., sash, door & blind, Chilton, Wis.  
 Dorsel Co., flour mills, Newport, Ky.  
 Dorsett, W. T., Co., cornices & skylights, Hoboken, N. J.  
 Dorsey Mfg. Co., household specialties, mfrs., 39 Pearl, Boston, Mass.  
 Dorsey, Wm. C., contractor, Terre Haute, Ind.  
 Dorsey, Wm. C., sash, door & blind mfrs., Highland av & Phila. rd, Baltimore, Md.  
 Dort Motor Car Co., Flint, Mich.  
 Doscher-Gardner Co., sashes, doors & blinds, New York.  
 Dose, C. C., architect, Oriental blk, Seattle, Wash.  
 Dossert & Co., wire connectors, terminals, etc., 242 W. 41st, New York.  
 Doster, S. J., trunk mfr., Phoenix, Ariz.  
 Doten-Dunton Desk Co., 25 Arch, Boston, Mass.  
 Doten, S. H. & A. R., carved mouldings, Portland, Me.  
 Dothan Chemical Co., fertilizer mfrs., Dothan, Ala.  
 Dothan Foundry & Machine Co., Dothan, Ala.  
 Dothan Guano Co., fertilizer mfrs., Dothan, Ala.  
 Doty, A. M. & F. T., masons' & bldrs.' matls., Leavittsburg, Ohio.  
 Doty & Doty, masons' & bldrs.' matls., Grand Ledge, Mich.  
 Doty Lumber & Shingle Co., Doty, Wash.  
 Doty Mfg. Co., vacuum cleaners, Callahan Power Bldg., Dayton, Ohio.  
 Doty, O. M., contractor, 1701 9th, Seattle, Wash.  
 Doub, J. W., & Bros., flour, East Bend, N. C.  
 Double Blast Mfg. Co., gasoline blast furnaces, firepots, North Chicago, Ill.



- Double Fabric Tire Co., Auburn, Ind.  
 Double Seal Tire Valve Co., 16 W. 61st, New York.  
 Double Service Packing Co., 244 Chestnut, Philadelphia, Pa.  
 Double Shoal Cotton Mill, Double Shoal, N. J.  
 Double Truss Cornice Brake Co., machinery, Buffalo, N. Y.  
 Doubleday-Hill Elec. Co., 719 Liberty, Pittsburgh, Pa.  
 Doucette Bros., granite, Montpelier, Vt.  
 Doucett-Roleau Co., granite prod., Websterville, Vt.  
 Doud Lighting Co., 172 N. Sangamon, Chicago, Ill.  
 Doud-MacFarlane Machy. Co., mill & facty. supplies, Tacoma, Wash.  
 Doud Sons & Co., lbr., Winona, Minn.  
 Douden, A., Planing Mill Co., sash, door & blind, Millersburg, Pa.  
 Douds, Frank C., & Co., machsts. & ejectors, jet pumps, syphons, etc., New Castle, Pa.  
 Dougherty, Andrew, playing cards, 432 4th av, New York.  
 Dougherty Bros. Tent & Awning Co., 111 S. Main, St. Louis, Mo.  
 Dougherty, Cornelius, masons' & bldrs.' matls., 1207 Passyunk av, Philadelphia, Pa.  
 Dougherty, Edw., brick, 5th & Wyoming av, Philadelphia, Pa.  
 Dougherty, E. E., architect, Candler Bldg., Atlanta, Ga.  
 Dougherty, H. D., & Co., hospital furniture, 17th & Indiana, Philadelphia, Pa.  
 Dougherty, J. M., contractor, Ottawa, Ill.  
 Dougherty, J. T., surgical instruments, 409 W. 59th, New York.  
 Dougherty & Moss Lumber Co., St. Joseph, Mo.  
 Dougherty-Smith & Phillip, spring-hammers, 500 W. Division, Chicago, Ill.  
 Dougherty, W. F., & Sons, cooking apparatus, 925 Arch, Philadelphia, Pa.  
 Dougherty, W. R., contractor, 1608 Sansom, Philadelphia, Pa.  
 Dougherty's, J. A., Sons, gin distillers, 1136 Front, Phila., Pa.  
 Dougherty, J. P., contractor, Globe Bldg., Minneapolis, Minn.  
 Doughton, H. W., agricultural implements, Moorestown, N. J.  
 Doughty, D. J., sashes, doors & blinds, Farmington, Mo.  
 Douglas Bros., granite prod., Calais, Me.  
 Douglas Bros., machsts. & fndrs., Aberdeen, Wash.  
 Douglas Co., oils, starch, Cedar Rapids, Ia.  
 Douglas Cut Stone Co., 2131 S. Troy, Chicago, Ill.  
 Douglas Fir L'br. Co., ties, Portland, Ore.  
 Douglas Foundry & Machine Works, Douglas, Ga.  
 Douglas, H. R., Inc., contractor, New London, Conn.  
 Douglas & Hartman, architects, Timken Bldg., San Diego, Cal.  
 Douglas, John, Co., plumbers' supplies & bathroom fixtures, machinists, etc., 71st & C., H. & D., Carthage, Cincinnati, Ohio.  
 Douglas & Lomason Co., carriage hwde. mfrs., Detroit, Mich.  
 Douglas Lumber Co., Douglas, Ariz.  
 Douglas, Nathan, architect, 307 Harvard, Cambridge, Mass.  
 Douglas Oil & Fertilizer Co., Douglas, Ga.  
 Douglas, Robt. D., tex. machy., supplies, paper cop tubes, Fall River, Mass.  
 Douglas, W. & B., pumps, garden engines, fire hydrants, etc., mfrs. & machsts. & fndrs., Middletown, Conn.  
 Douglas, W. H., fndrs., 1210 E. N. W., Washington, D. C.  
 Douglas, Wm., & Co., contractors, 109 Waterman, Providence, R. I.  
 Douglas-Whisler Brick Co., Beaver Falls, Pa.  
 Douglass, A. C., contractor, Niagara Falls, N. Y.  
 Douglass, D. Stuart, architect, 100 State, Albany, N. Y.  
 Douglass, Edwin D., packing box mfr., 443 N. 5th, Phila., Pa.  
 Douglass, J. E., steam fitters' supplies, 180 N. Dearborn, Chicago, Ill.  
 Douglass, J. E., & Son, flour mills, Aldie, Va.  
 Douglass, L. C., & Co., masons' & bldrs.' matls., Jefferson, Ohio.  
 Douglass, Thos. J., & Co., heating contrs., 160 N. Dearborn, Chicago, Ill.  
 Douglasville Roller Mill, flour, Douglasville, Ga.  
 Douse, William, contractor, 86 Fuller, Boston, Mass.  
 Dove, Wm. G., bldg. contrs., Geneva, N. Y.  
 Dover Boiler Wks., machsts. & boilers, tanks, etc., 50 Church, New York.  
 Dover Fire Brick Co., Cuyahoga Bldg., Cleveland, Ohio.  
 Dover Iron Co., blast furnaces, Bear Springs, Tenn.  
 Dover L'br. Co., Dover, Idaho.  
 Dover Lumber Co., Dover, N. J.  
 Dover Lbr. Co., Dover, Ohio.  
 Dover Mfg. Co., machsts. & fndrs., Dover, Ohio.  
 Dover Milling Co., flour, Dover, Okla.  
 Dover Packing Co., canned goods, Dover, Ky.  
 Dover Pearl Button Co., Dover, Ky.  
 Dover Stamping & Mfg. Co., Cambridge, Mass.  
 Do Ville Lake Sand & Gravel Co., Toledo, Ohio.  
 Dow, Albert H., architect, 101 Tremont, Boston, Mass.  
 Dow Bos. & Horne Co., canned goods, East Dover, Me.  
 Dow Chemical Co., chemicals, Midland, Mich.  
 Dow, J., architect, Summit, N. J.  
 Dow, J. C., Co., fertilizer mfrs., 14 Chatham, Boston, Mass.  
 Dow, J. K., architect, Paulsen Bldg., Spokane, Wash.  
 Dow, Jas. M., machinist, Kenton, Ohio.  
 Dow, L. B., mill & facty. supplies, 136 Federal, Boston, Mass.  
 Dow, Lewis A., architect, Melrose, Mass.  
 Dow Mfg. Co., spark timers & machsts. & fndrs., Braintree, Mass.  
 Dow Pump & Diesel Engine Co., Alameda, Cal.  
 Dow & Sandham, lumber mfrs., Harlan, Ia.  
 Dow, William H., Mfg. Co., sash, door & blind, Waukegan, Ill.  
 Dow Wire & Iron Wks., conveyors, etc., Louisville, Ky.  
 Dowagiac Drill Co., Dowagiac, Mich.  
 Dowd, R. J., Knife Works, 717 Race, Beloit, Wis.  
 Dowdall, Chas. E., machinist, 152 W. B'way, New York.  
 Dowden Mfg. Co., agricultural implements, Prairie City, Ia.  
 Dowell, H., machinist, Meadville, Pa.  
 Dowelley, Geo. B., lbr., Alexander, Me.  
 Dowler, Chas. L., hdwe. mfr., 108 N. 3d, Philadelphia, Pa.  
 Dowler, Press C., architect, Arrott Bldg., Pittsburgh, Pa.  
 Dowling & Bottomley Co., contractors, 119 Broad, Bridgeport, Conn.  
 Dowling Bros., gin distillers, Burgin, Ky.  
 Dowling, J. F., & Co., contractors, Russ Bldg., San Francisco, Cal.  
 Dowling, Jas., canned goods, Bel Air, Md.  
 Dowling, John, & Co., distillers, Lawrenceburg, Ky.  
 Dowling & Rutherford, contractors, 54 W. Randolph, Chicago, Ill.  
 Dowling-Schultz Hardware Co., Danville, Ill.  
 Dowman-Dozier Mfg. Co., contractors, Atlanta, Ga.  
 Down Tool Wks., twist drills, Fleetwood, Pa.  
 Downer, S. W., sand, Downer, N. J.  
 Downers Lbr. Yard, 1011 Whitesboro, Utica, N. Y.  
 Downes & Co., carbon paper, etc., 63 Wall, New York.  
 Downes, John E., contractor, New Britain, Conn.  
 Downey & Deegan, architects, Van Antwerp Bldg., Mobile, Ala.  
 Downey Heating & Supply Co., 615 Clybourn, Milwaukee, Wis.  
 Downey, J. A., architect, The Nasby, Toledo, Ohio.  
 Downey, John, contractor, 260 Natoma, San Francisco, Cal.  
 Downey, Jno. I., contractor, 410 W. 34th, New York.  
 Downey, Jos., contractor, 30 N. La Salle, Chicago, Ill.  
 Downey & McDermott, stone producers, Homewood av & Mt. Vernon, Pittsburgh, Pa.  
 Downey, T. F., Boiler Wks., grate bar mfrs., 323 W. Austin av, Chicago, Ill.  
 Downey, W. C., & Co., bale ties, Springfield, Ohio.  
 Downey, Wallace, naval architect, 50 Church, New York.  
 Downey, Wm. H., htg. contr., 52 William, New York.  
 Downham, John A., & Son, canned goods, Wyoming, Del.  
 Downing Co., mill & facty. supplies, Brunswick, Ga.  
 Downing Grease Co., Boston, Mass.  
 Downing, Henry C., architect, Worcester Bldg., Portland, Ore.  
 Downing, J. E., contractor, Newport News, Va.  
 Downing & Lawrence, dry docks, ft. Court, Brooklyn, N. Y.  
 Downing, R. F., & Co., shellac, bronze powder, 45 Pearl, New York.  
 Downing-Smith Co., armatures & machsts., 430 S. Green, Chicago, Ill.  
 Downing, T. D., machinist, Vermilion, Ill.  
 Downing, W. T., architect, Grant Bldg., Atlanta, Ga.  
 Downington Iron Works, tanks, stacks, etc., mfrs., East Downington, Pa.  
 Downingtown Mfg. Co., machsts. & fndrs., East Downingtown, Pa.  
 Downingtown Paper Box Co., (folding paper box), East Downingtown, Pa.  
 Downman, R. H., lumber, Hibernia pl, New Orleans, La.  
 Downs & Eads, architects, N. Y. Life Bldg., Minneapolis, Minn.  
 Downs, Frank A., Constr. Co., Canton, Ohio.  
 Downs, F. Goodwin, architect, 7 W. 14th, New York.  
 Downs, J. H., iron posts, 39 Cortlandt, New York.  
 Downs & Slater, founders, Wharton, N. J.  
 Downs, W. A., machinist & founder, Montour, Ia.  
 Downs, W. H., heating contractor, 337 W. 38th, New York.  
 Downward, Alfred, contractor, 809 Tatnall, Wilmington, Del.  
 Downward, Jas. G., Co., fertilizer mfrs., Coatesville, Pa.  
 Dowst Bros. Co., metal nov. & spec., 124 N. Ann, Chicago, Ill.  
 Doxey, N. D., welding compounds, Elmira, N. Y.  
 Doyen, Philip H., bldg. contr., Portland, Me.  
 Doylair Products Co., furnaces, burners, Monadnock Bldg., Chicago, Ill.  
 Doyle, A. E., architect, Worcester Bldg., Portland, Ore.  
 Doyle & Co., contractors, 1519 Sansom, Philadelphia, Pa.  
 Doyle-Dacosta Mfg. Co., wire, insulated & solenoids, Easton, Pa.  
 Doyle & Devereaux, machinists, Industrial Bldg., Syracuse, N. Y.  
 Doyle & Downey, boot counters, Newburyport, Mass.  
 Doyle, Frank J., cornices, Johnstown, Pa.  
 Doyle, J. & M., contractors, Erie, Pa.  
 Doyle, Jas. B., wholesale hardware, Scranton, Pa.  
 Doyle, John, contractor, New Rochelle, N. Y.  
 Doyle, John T., Co., canned goods, New Haven, Conn.  
 Doyle Roller Mills, flour, Doyle, Tenn.  
 Doyle, Thomas, architect, North Tarrytown, N. Y.  
 Doyle, Thos. F., cornices, Muncie, Ind.  
 Doyle, Wm. J., machinist & founder, Rome, N. Y.  
 Doylestown Agricultural Co., Doylestown, Ohio.  
 Doylestown Aluminum Ware Co., Doylestown, Ohio.  
 Dozier & Gay Paint Co., Jacksonville, Fla.  
 Dozier, Miss H. C., architect, Jacksonville, Fla.  
 Drach, Gustave W., architect, Union Trust Bldg., Cincinnati, O.  
 Drach, Gustav W. & Wm. F. Miller, architects, Springfield, Ohio.  
 Draeger (The) Oxygen Apparatus Co., 423 First av, Pittsburgh, Pa.  
 Draft Regulator Co., Grosvenor Bldg., Providence, R. I.  
 Draber, John, machinist, Waterbury, Conn.  
 Drake, A. W., Drilling Co., Hazelton, Pa.  
 Drake, A. W., Mfg. Co., fly killers, Hazelton, Pa.  
 Drake, B. M., architect, Reliance Bldg., Kansas City, Mo.  
 Drake, Bostedo Co., masons' & bldrs.' matls., Netecong, N. J.  
 Drake-Brannum Constr. Co., Fort Worth, Tex.  
 Drake Bros., lbr., Barnstead, N. H.



- Drake, Clifton W., sash, door & blind mfr., Concord, N. H.  
 Drake & Co., chemicals, 904 Trks. Hd. Bldg., Providence, R. I.  
 Drake, Geo. B., naval architect, 17 Battery pl, New York.  
 Drake, H. A., architect, Reliance Bldg., Kansas City, Mo.  
 Drake, H. E., contractor, 180 Jessie, San Francisco, Cal.  
 Drake Hardware Co., Burlington, Ia.  
 Drake Hdwe. Co., machsts. & fndrs. & hand vacuum cleaners, Friendship, N. Y.  
 Drake Mfg. Co., cigar lighters, 143 Reed, Milwaukee, Wis.  
 Drake Marble & Tile Co., 58 Plato av, St. Paul, Minn.  
 Drake-Merritt Casket Co., Constantine, Mich.  
 Drake, P. A., machinist, Eau Claire, Wis.  
 Drake, P., & Sons, contractors, Marion, Ohio.  
 Drake, Thos., Lumber Co., Zanesville, Ohio.  
 Drake-Tucker Hdwe. Co., cornices, Rockford, Ill.  
 Drake, W. H., Co., machsts. & fndrs., 36 Clinton, Newark, N. J.  
 Drake-Williams-Mount Co., steel plate works, banks, etc., Omaha, Neb.  
 Drakenfeld, B. F., & Co., chemicals, 50 Murray, New York  
 Drane Foundry & Supply Co., Clarksville, Tenn.  
 Drapeau, Wm., contractor, Lowell, Mass.  
 Draper Bros. Co., felts, boots, sweaters, etc., Canton, Mass.  
 Draper Canneries Co., Salt Lake City, Utah.  
 Draper Canning Co., Milton, Del.  
 Draper & Co., sash, door & blind, Lancaster, Pa.  
 Draper Corporation, textile machinery mfrs., Hopedale, Mass.  
 Draper, Davis, Co., fertilizer mfrs., Milford, Del.  
 Draper, G. H., canned goods, Milford, Del.  
 Draper & Hall Co., snap hooks, Middletown, Conn.  
 Draper, Hy. W., pkg. box mfrs., Albany, N. Y.  
 Draper & Hirsch, canned goods, Milford, Del.  
 Draper, James W., contractor, Camden, N. J.  
 Draper, J. O., Co., soap, cotton softeners, Pawtucket, R. I.  
 Draper, Luther O., Shade Co., adjustable shades, Spiceland, Ind.  
 Draper Mfg. Co., machsts. & fndrs., Port Huron, Mich.  
 Draper Mfg. Co., barometers, anemometers, thermometers, etc., 152 Front, New York.  
 Draper Mfg. Co., steel barrels, 3603 E. 82d, Cleveland, Ohio.  
 Draper, Maynard, Co., bags, sporting & athletic goods mfrs., Plymouth, N. H.  
 Draper & Slaughter, canned goods, Denton, Md.  
 Draper & Snape, wholesale hdwe., 16 N. Market, Chicago, Ill.  
 Draper, W. H., & Son, cordage & twine mfrs., Troy, N. Y.  
 Drapery Hdwe. Mfg. Co., 87 35th, Brooklyn, N. Y.  
 Draver, E. R., machsts., Richmond, Ind.  
 Dravo Contracting Co., diamond bk. bldg., Pittsburgh, Pa.  
 Dravo-Doyle Co., machy. dhrs., Diamond Bk. Bldg., Pittsburgh, Pa.  
 Dreadnought Flooring Co., 154 W. 18th, New York.  
 Dreadnought Tire & Rubber Co., automobile tire mfrs., Baltimore, Md.  
 Dredge, A., Ruling Pen Co., 75 Gold, New York.  
 Dreer, Henry A., glaziers' points, 714 Chestnut, Phila., Pa.  
 Dreger, J. F., architect, Oshkosh, Wis.  
 Dregge, Groover Lbr. Co., Grand Rapids, Mich.  
 Dreher, Ernest A., & Son, automatic cellar drainers, 42 Walnut, Newark, N. J.  
 Dreher, McCoy & Spear, archts., Columbus Bldg., Spokane, Wash.  
 Drehmann Paving Co., 2622 Parrish, Philadelphia, Pa.  
 Drehmer, H. G., contractor, Corning, N. Y.  
 Dreifus, Chas. Co., scrap iron & steel, Oliver Bldg., Pittsburgh, Pa.  
 Dreifus, Emanuel, iron & steel scrap, Commercial Trust Bldg., Philadelphia, Pa.  
 Drein, Thos., & Son Co., life boats & preservers, Townsend & A. Wilmington, Del.  
 Dreis & Krump Mfg. Co., cornice brakes, & sheet metal workers' machy., 2911 S. Halsted, Chicago, Ill.  
 Dreiske, Wm. D., sash, door & blind mfrs., 3036 N. Chicago av, Chicago, Ill.  
 Drendell Electrical & Mfg. Co., 169 Erie, San Francisco, Cal.  
 Drennan Hdwe. Co., Syracuse, N. Y.  
 Drenthe-Hamilton Canning Co., Hamilton, Mich.  
 Drescher, Louis, machsts., 207 Centre, New York.  
 Dresden Spoke Co., Dresden, Tenn.  
 Dresden Woolen Mills, Dresden, O.  
 Dresen, Jos., architect, Prairie Du Sac, Wis.  
 Dreses Machine Tool Co., 227 West McMeeken av, Cincinnati, O.  
 Dress, Geo., architect, 1931 Madison av, New York.  
 Dressel Ry. Lamp Wks., 3860 Pk. av, New York.  
 Dressendorfer, Andrew, machsts. & fndrs., Fountain City, Wis.  
 Dresser, S. R., Mfg. Co., machsts. & fndrs., Bradford, Pa.  
 Dresser, S., & Son, bags & suit cases, 500 Peoria, Chicago, Ill.  
 Drew, C., & Co., masons' & brick layers' tools, Kingston, Mass.  
 Drew Carrier Co., agricultural implements, Waterloo, Wis.  
 Drew-Daniels Granite Co., Waterbury, Vt.  
 Drew, E. F., & Co., oils, 120 Milk, Boston, Mass.  
 Drew Electric & Mfg. Co., 1016 E. Michigan, Indianapolis, Ind.  
 Drew, Fred, Co., contractor, Woodward Bldg., Washington, D. C.  
 Drew, M. R., architect, Greenfield, Mass.  
 Drew Machy. Agency, Manchester, N. H.  
 Drew, Miller & Co., turpentine, Kissimmee, Fla.  
 Drew Oil Mills, Monticello, Ark.  
 Drexel Institute of Art, Science & Industry, engng. school & coll., Chestnut & S. 32d, Philadelphia, Pa.  
 Drexel Motor Car Corp., 76th & Wallace, Chicago, Ill.  
 Dreyer, Detlef J., architect, 35 S. Dearborn, Chicago, Ill.  
 Dreyer, G. H., & Son, archl. iron, Cleveland, Ohio.  
 Dreyer, H. D., & Co., packing box mfrs., Aliceanna & Spring, Baltimore, Md.  
 Dreyer, H. G., & Son Co., racks, Cleveland, Ohio.  
 Dreyer, Jno. G., architect, 75 Oakland, Brooklyn, N. Y.  
 Dreyfus Bros., contractors, 324 California, San Francisco, Cal.  
 Driesbach, F. C., & Son, masons' & bldrs.' matls., White Pigeon, Mich.  
 Driesbach's, C., Sons, wholesale hdwe. & masons' & bldrs.' matls., Lewisburg, Pa.  
 Driesler, Benj., architect, 153 Remsen, Brooklyn, N. Y.  
 Driggs, C. V., Inc., plumbers' supplies, 160 E. 56th, New York.  
 Driggs Mfg. Corp., autom., marine, etc., engines, lathes, etc., New Haven, Conn.  
 Driggs-Seabury Ordnance Co., forgings & pressed steel, Sharon, Pa.  
 Driscoll Bros. & Co., contractors, & masons' & bldrs.' supplies, Ithaca, N. Y.  
 Driscoll, Chas. F., architect, Pasadena, Cal.  
 Driscoll, Dennis, contractor, Brookline, Mass.  
 Driscoll & Fletcher, machsts., 75 Ellicott, Buffalo, N. Y.  
 Driscoll, Geo. F., Co., contractors, 548 Union, Brooklyn, N. Y.  
 Driscoll, Jos. C., contractor, Weightman Bldg., Philadelphia, Pa.  
 Driscoll, J., & Son Co., contractors, Brookline, Mass.  
 Driscoll, Timothy, contractor, Brookline, Mass.  
 Driscoll, T. J., & Co., contrs., Mers. Bk. Bldg., Indianapolis, Ind.  
 Drissel & Eberts, hardware—whol., 21 E. 3d, S. Bethlehem, Pa.  
 Driver, C. H., & Kerr Co., machsts., Racine, Wis.  
 Driver-Harris Wire Co., rubber goods, nickel mfrs., & wire cloth, Harrison, N. J.  
 Driver, John, flag pole fix. & step ladders, San Leandro, Cal.  
 Driver, Thos. & Sons Mfg. Co., Ltd., plate glass, Racine, Wis.  
 Droeger Hardware Co., Seymour, Wis.  
 Droesch, S. R., whol. hdwe. & razor mfrs., 79 Warren, New York.  
 Drof, Peter, masons' & bldrs.' matls., Petersburg, Ind.  
 Drolet, E. A., architect, 739 Forest av, E., Detroit, Mich.  
 Drop Forging Co. of New York, 301 W. Seill, Jersey City, N. J.  
 Drop-a-Line Indicator Co., Hathaway Bldg., Milwaukee, Wis.  
 Drost, H., Box Mfg. Co., pkg. box mfrs., Manitowoc, Wis.  
 Drouvé, G. Co., skylights & sash operating devices, mfrs., Bridgeport, Conn., & Chicago, Ill.  
 Druckenmiller & Williams, archts., Land Title Bldg., Phila., Pa.  
 Drucker Bros., buttons, 113 W. 31st, New York.  
 Drucker & Co., trunks, 6 W. 4th, Cincinnati, Ohio.  
 Druecker, Jos., Sons' Co., masons' & bldrs.' matls., 347 E. North av, Milwaukee, Wis.  
 Druecker, N. J., & Co., masons' & bldrs.' matls., 2634 N. Artesian av, Chicago, Ill.  
 Drueding Bros. Co., chamois importers, 5th & Master, Philadelphia, Pa.  
 Druggists' Circular, trade publication, 100 William, New York.  
 Druid Oak Belting Co., belting mfrs., 111 E. Lombard, Baltimore, Md.  
 Drumm Construction Co., 332 S. Michigan av, Chicago, Ill.  
 Drummond Bros., brick, Asbury Park, N. J.  
 Drummond, E. L., architect, 16 Bryan, Savannah, Ga.  
 Drummond Mfg. Co., machsts. & fndrs., Louisville, Ky.  
 Drummond, M. J., & Co., gas & waterworks supplies, etc., 51 Chambers, New York.  
 Drummond-Miller Co., contractors, Electric Bldg., Cleveland, O.  
 Drummond Motor Co., Omaha, Neb.  
 Drummond Packing Co., meat, Eau Claire, Wis.  
 Drummond, T. B., & Co., masons' & bldrs.' matls., Buckhannon, W. Va.  
 Drummond, Wm., architect, 19 S. LaSalle, Chicago, Ill.  
 Drury Brick & Tile Co., Essex Junction, Vt.  
 Drury & Kelley Hardware Co., Cadillac, Mich.  
 Dry Goods Economist, trade publication, 239 W. 39th, New York.  
 Dry Goods Publishing Co., 116 W. 32d, New York.  
 Dryburgh, John, contractor, Helena, Mont.  
 "Drycell" Pipe Sleeve Co., 351 Lexington, New York.  
 Dryden Rubber Co., 1014 S. Kildare av, Chicago, Ill.  
 Dryer, O. W., architect, Cutler Bldg., Rochester, N. Y.  
 Dryfus Packing & Provision Co., meat, Lafayette, Ind.  
 D. & T. Mfg. Co., hgt. & ventg. engrs., 1417 Olive, St. Louis, Mo.  
 Dubach Lumber Co., Ltd., Dubach, La.  
 Dubble & Zinn, fndrs., Myerstown, Pa.  
 Dubee, A. J., contractor, Glens Falls, N. Y.  
 Dubel & Anderson, contractors, Sioux City, Ia.  
 Dubell, Furman, common brick, Mount Holly, N. J.  
 Du Bell Mfg. Co., mattresses, Bath, N. Y.  
 Dubin, Geo. H., architect, 724 W. 12th, Chicago, Ill.  
 Dublin Buggy Co., Dublin, Ga.  
 Dublin Mill & Elevator Co., flour, Dublin, Tex.  
 Dublin Roller Mills, flour, Dublin, Va.  
 Dubois, Chas. L., cornices & skylights, Englewood, N. J.  
 Dubois Clay Mfg. Co., brick, Dubois, Pa.  
 Dubois, F., cornices, Vincennes, Ind.  
 Du Bois, F. M., & Co., mill & facty. & lumber supplies—jobbers, 247 9th av, New York.  
 Du Bois Fdry. Co., machsts. & fndrs., Cold Springs, N. Y.  
 Du Bois, Henry, Sons' Co., contractors, 17 State, New York.  
 Dubois Iron Wks., Dubois, Pa.  
 Dubois, Jno. E., masons' & bldrs.' matls., & sash, door & blind mfrs., DuBois, Pa.



- Du Bois, L., & Co., wholesale hdwe., Ellenville, N. Y.  
 Du Bois Lumber Co., Vancouver, Wash.  
 Dubois Piston Ring Co., Industrial Bldg., Albany, N. Y.  
 Dubois Reinforced Concrete Co., St. Joseph, Mo.  
 Dubois & McCoy Lumber Co., sash, door & blind, Bellaure, Ohio.  
 Dubois Watch Case Co., 316 Herkimer, Brooklyn, N. Y.  
 Du Bois, Wm., architect, Cheyenne, Wyoming.  
 Dubsky, J. F., htg. contr., 1506 S. Springfield av., Chicago, Ill.  
 Dubuque Boat & Boiler Wks., Dubuque, Ia.  
 Dubuque Casket Co., Dubuque, Iowa.  
 Dubuque Mattress Fcty., Dubuque, Ia.  
 Dubuque Pckg. Co., meat packers, Dubuque, Ia.  
 Dubuque Rubber & Belting Co., Dubuque, Ia.  
 Dubuque Sanitary Mfg. Co., plumbers' supplies, Dubuque, Ia.  
 Ducas, B. F., Co., aniline colors, dyes, etc., 25 S. William, New York.  
 Ducasse, F., automobile bldrs., 1765 B'way, New York.  
 Duchemin, Geo. W., plastic ornaments, classic wood carvers, 37 Wainwright, Newark, N. J.  
 Ducker Co., portable houses, 277 B'way, New York.  
 Duckrow Textile Mach., Troy, N. Y.  
 Ducktown Sulphur, Copper & Iron Co., copper ores & sulphuric acid, Isabelle, Tenn.  
 Duckworth Chain & Mfg. Co., Springfield, Mass.  
 Duckworth-Crawford Co., contractors, 111 High, Newark, N. J.  
 Duckworth, J. S., architect, Coal Exch. Bldg., Scranton, Pa.  
 Ducommun Hardware Co., 219 S. Central av., Los Angeles, Cal.  
 Dudenhoeffer Co., brick, Erie, Pa.  
 Dudgeon Co., machsts. & fndrs., Cane Valley, Ky.  
 Dudgeon, Richard, machsts., 24 Columbia, New York.  
 Dudley, A. W., Co., cornices, Terre Haute, Ind.  
 Dudley, Chas. H., sporting & athletic goods, Hanover, N. H.  
 Dudley, D. T., & Co., shoe laces, Haverhill, Mass.  
 Dudley, D. T., & Son Co., tex. machy. (shuttles), Wilkesville, Mass.  
 Dudley & Hanson, coal chutes, dipping tanks, Lincoln, Neb.  
 Dudley & Orr, stone, El Paso, Tex.  
 Dudley Paper Co., adding machine rolls, Lansing, Mich.  
 Dudley, S. A., tex. machy., shuttles, Taunton, Mass.  
 Dudley Sash, Door & Lumber Co., Columbus, Ga.  
 Dudley, S. W. R., masons' & bldrs.' matls., Seattle, Wash.  
 Dudley Tool Co., Menominee, Mich.  
 Dudley, Wm. N., architect, 46 Cornhill, Boston, Mass.  
 Dudley, Wm. W., architect, 503½ Austin, Waco, Tex.  
 Dudlo Mfg. Co., insulated coils, Fort Wayne, Ind.  
 Due, A. L., Fireworks Co., Market & N. Readg., Cincinnati, O.  
 Duebel, Chas., & Co., contractors, 224 1st, San Francisco, Cal.  
 Dueber Watch Case Mfg. Co., Canton, Ohio.  
 Duemeke, Albert, htg. contrs., Oklahoma, Okla.  
 Duer, Jno., & Sons, whol. hdwe., 36 S. Charles, Baltimore, Md.  
 Dues, J. J., Machine Co., Minster, Ohio.  
 Duesing, Theo., architect, 2700 W. 22d, Chicago, Ill.  
 Duff, Chas. H., fish line mfr., Rockland, Me.  
 Duff, Jas., Constr. Co., Marshall Bldg., Cleveland, Ohio.  
 Duff, John W., Inc., contractor, 146 Summer, Boston, Mass.  
 Duff Mfg. Co., lifting jacks, Preble av., Pittsburgh, Pa.  
*See adv index at end of book.*  
 Duff, P., & Sons, confec. machy., 918 Duquesne way, Pittsburgh, Pa.  
 Duff Patents Co., gas producers, 5th av & Grant (Frick Bldg.), Pittsburgh, Pa.  
 Duff & Son, machsts., 175 Grand, New York.  
 Duff, Thos., contractor, Wyoming W. 7, Philadelphia, Pa.  
 Duff, Thos. J., architect, 407 W. 14th, New York.  
 Duff, Wm. E., machinery dtrs. & mill & facty. supplies, York, Pa.  
 Duffee, W. F., & Co., contractors, Haverhill, Mass.  
 Duffey, John, machst., Hamilton, Ohio.  
 Duffie, Harold B., architect, 4 Robert, Roslindale, Boston, Mass.  
 Duffin Iron Co., 4001 Wentworth av., Chicago, Ill.  
 Duffner & Stecker Const. Co., 722 Chestnut, St. Louis, Mo.  
 Duffy Bros. Contr. Co., Cambridge, Ohio.  
 Duffy Contr. Co., 533 W. 24th, New York.  
 Duffy, J. F., Jr., banana knives, 563 Fulton, Chicago, Ill.  
 Duffy, Jas. F., architect, 24 S. 7th, Philadelphia, Pa.  
 Duffy, J. P., Co., tile, & masons' & bldrs.' matls., 207 E. 138th, New York.  
 Duffy, John J., brush machy., Waterford, N. Y.  
 Duffy, L. B., canned goods, Haymakertown, Va.  
 Duffy, M. J., granite producers, Concord, N. H.  
 Duffy Malt Whiskey Co., Rochester, N. Y.  
 Duffy Mfg. Co., hdwe. mfrs., 214 W. Grand av., Chicago, Ill.  
 Duffy-Trowbridge Stove Mfg. Co., Hannibal, Mo.  
 Duffy Trunk & Bag Co., 141 Baronne, New Orleans, La.  
 Duffton Hardware Co., Clearfield, Pa.  
 Dufur, Baggott & Co., iron railings, 225 W. Saratoga, Balto., Md.  
 Dufur & Co., iron railings, wire cloth, etc., 311 N. Howard, Baltimore, Md.  
 Dufur Lbr. Co., Dufur, Ore.  
 Dugan, Cumberland & Co., machy. dtrs., Howard & Barre, Baltimore, Md.  
 Dugan, Dan A., contractor, Trenton, N. J.  
 Dugan, Earl N., architect, Savage Scofield Bldg., Tacoma, Wash.  
 Dugan, Geo. A., Co., cornices, contractors, 200 5th av., New York.  
 Dugan, Geo. A., Sr., architect, 200 5th av., New York.  
 Dugan-Johnson Co., surgical instruments, 206 N. Meridian, Indianapolis, Ind.  
 Dugan, M., Concrete Co., 34 W. 6th, Cincinnati, Ohio.  
 Duggan, F. A., architect, Little Rock, Ark.  
 Duggan-Rider Co., waste paper baskets, Erie, Pa.  
 Dugger & Goshorn, plow handles, Memphis, Tenn.  
 Duguid, Jno. B., trunk mfr., Prospect av & M. C. R. R., Toledo, Ohio.  
 Dugwell Packing Co., Rocky Mount, Va.  
 Duhamel & Brueckner, carriages, 735 Bedford av., B'klyn, N. Y.  
 Duhamel Co., mill & facty. supplies, & whol. hdwe., Rapid City, S. D.  
 Duhmeier Bros., lbr., Wad. Dalton av., Cincinnati, Ohio.  
 Duhring, Okie & Ziegler, architects, Bailey Bldg., Phila., Pa.  
 Duhrkon Oven Co., 15 Park Row, New York.  
 Duisdicker Foundry & Mfg. Co., machsts. & fndrs., Pekin, Ill.  
 Duke, C. A., architect, Failing Bldg., Portland, Ore.  
 Duke Oak Lumber Co., Wellsville, N. Y.  
 Duke, Peterson, Hardware Co., 113 W. German, Baltimore, Md.  
 Dukedom Roller Mill Co., flour, Dukedom, Tenn.  
 Duker, J. H., Box Co., packing, Aliceanna, cor. Eden, Balto., Md.  
 Duker, Otto, & Co., lumber & furn. for public bldgs., Fleet & Albenmarle, Baltimore, Md.  
 Dukes Glass Works, 2217 Chestnut, Philadelphia, Pa.  
 Dulaney, W. F., & Son, machy. dealers, Paris, Tex.  
 Dulany, J. H., canned goods, Fruitland, Md.  
 Dulbert, Robt. J., contractor, 141 Milk, Boston, Mass.  
 Duling, H. L., flour mills, Gorman, W. Va.  
 Dull, Jno. J., architect, Witherspoon Bldg., Philadelphia, Pa.  
 Dull, Raymond W., Co., conveyors & elevators & buckets, screens, etc., gravel washing plants, 111 W. Wash., Chicago, Ill.  
 Dulle, G. H., Milling Co., flour, Jefferson City, Mo.  
 Duluth Brass Wks. Co., Duluth, Minn.  
 Duluth Corrugating & Roofing Co., Duluth, Minn.  
 Duluth Crushed Stone Co., Duluth, Minn.  
 Duluth Diamond Drilling Co., Duluth, Minn.  
 Duluth Gas Engine Wks., Duluth, Minn.  
 Duluth Iron & Metal Co., mill & factory supplies, Duluth, Minn.  
 Duluth & Iron Range R. R. Co., Duluth, Minn.  
 Duluth Iron Works, Inc., marine engines, Duluth, Minn.  
 Duluth Log Co., ties, pole & posts, Duluth, Minn.  
 Duluth Lbr. Co., Duluth, Minn.  
 Duluth Machy. Co., Duluth, Minn.  
 Duluth Plumbing Supplies Co., Duluth, Minn.  
 Duluth Show Case Co., Duluth, Minn.  
 Duluth-Superior Dredging Co., Duluth, Minn.  
 Duluth Tie & Pulpwood Co., Duluth, Minn.  
 Duluth Trunk Co., Duluth, Minn.  
 Duluth Universal Milling Co., flour, Duluth, Minn.  
 Dulweber, Jno., Co., lbr., Findlay & McLean, Cincinnati, Ohio.  
 Dumarest Bros., crude rubber, 66 Front, New York.  
 Dumas, L. W., Constr. Co., Columbia, Mo.  
 Dumbleton, Thos., & Son, brick oven bldrs., 619 Carlton av., Brooklyn, N. Y.  
 Dumond Mfg. Co., clothes washing machines, Cedar Rapids, Ia.  
 Dumphy, Wm., Mfg. Co., sash, door & blind mfrs., Racine, Wis.  
 Dumrauf & Wicke, butchers' blocks, 406 E. 102d, New York.  
 Dun, Thos. F., architect, 953 Woodycrest av., New York.  
 Dunbar Auto. Body Co., 37th & Filbert, Philadelphia, Pa.  
 Dunbar Box & Lbr. Co., 282 11th av., New York.  
 Dunbar Bros., granite, Sullivan, Me.  
 Dunbar Bros. Co., makers of springs of all description, Bristol, Conn.  
 Dunbar, B. S., brick, Augusta, Ga.  
 Dunbar, C. L., Lumber Co., tackle block sheaves, Northville, Mich.  
 Dunbar & Co., machsts., 2652 W. Lake, Chicago, Ill.  
 Dunbar Construction Co., Sault Saint Marie, Mich.  
 Dunbar-Dukate Co., canned goods, New Orleans, La.  
 Dunbar Flint Glass Co., chimney, Dunbar, W. Va.  
 Dunbar, Irwin, architect, Kirksville, Mo.  
 Dunbar, J., architect, Kirksville, Mo.  
 Dunbar, J. J., & Co., htg. contrs., 415 Milwaukee, Chicago, Ill.  
 Dunbar, John, pckg. box mfrs., 517 E. Houston, New York.  
 Dunbar, John D., contractor, Canton, O.  
 Dunbar, L. L., carriages, Linn Grove, Ind.  
 Dunbar Mfg. Co., car flooring, 52d & Lake, Chicago, Ill.  
 Dunbar Mill & Lumber Co., Cairo, Ill.  
 Dunbar, Noel S., archt., Farmers' Trust Bldg., South Bend, Ind.  
 Dunbar, R. M., architect, Monroe, Mich.  
 Dunbar Stone Co., River Rouge, Detroit, Mich.  
 Dunbar & Sullivan, contractors, Dime Bk. Bldg., Detroit, Mich.  
 Dunbar, Wm., Co., contrs., 8201 Cedar av., S. E., Cleveland, O.  
 Duncan & Bro., fertz. mfrs., La Grange, Ky.  
 Duncan Bros. Mop Co., mops—polish, 2614 W. Grand av., Chicago, Ill.  
 Duncan Bros. & Wray Co., machsts., Ludlow Falls, Ohio.  
 Duncan Co., boilers, forgings, etc., Water, Toledo, Ohio.  
 Duncan, D. D., & Co., sashes, doors & blinds, Los Angeles, Cal.  
 Duncan Electric Mfg. Co., machsts. & fndrs., watt-hour meters, transformers & wattmeters, Lafayette, Ind.  
 Duncan Foundry & Machine Works, Alton, Ill.  
 Duncan, Geo., & Co., burlap, 366 B'way, New York.  
 Duncan & Goodell Co., whol. hdwe. & mill & facty. supplies, Worcester, Mass.  
 Duncan, J. C., lumber, Killbuck, Ohio.  
 Duncan, J., Co., overhead trolleys, 7 Fulton pl., Boston, Mass.  
 Duncan, Jno. G., Co., machy. dtrs., Knoxville, Tenn.  
 Duncan, John H., architect, 347 5th av., New York.  
 Duncan Lbr. Co., Cumberland, Ind.



- Duncan & Miller Glass Co., Washington, Pa.  
 Duncan & Porter Co., masons' & bldrs.' matls., 310 Mendota, Pittsburgh, Pa.  
 Duncan & Sons, horse collars, Seattle, Wash.  
 Duncan, Wm., mchst. & fndr., 288 Meridian, E. B., Boston, Mass.  
 Duncannon Flouring Mill Co., Duncannon, Pa.  
 Duncan's Mills Land & Lumber Co., 112 Market, San Fran., Cal.  
 Duncanson-Harrelson Co., contractors, Chronicle Bldg., San Francisco, Cal.  
 Dunc Tank Wks., wood, 878 30th, Milwaukee, Wis.  
 Dundas, E. H., contractor, 1529 2d, E., Salt Lake City, Utah.  
 Dundee Canning & Preserving Co., Dundee, Mich.  
 Dundee Mills, towels, Hookset, N. H.  
 Dundee Textile Co., umbrella cloth, Passaic, N. J.  
 Dundon's, F. P., San Francisco Iron Works, 225 Folsom, San Francisco, Cal.  
 Dundore Manfg. Co., gear mfrs., 221 S. 9th, Reading, Pa.  
 Dunellen Lbr. & Stone Co., Dunellen, N. J.  
 Duner Co., car water closets, 101 S. Clinton, Chicago, Ill.  
 Dunfee, J., & Co., floors, weather strips, 40 N. Franklin, Chicago, Ill.  
 Dungan Fertilizer Co., Doylestown, Pa.  
 Dunham, C. A., Co., machsts. & fndrs., steam fitters' supplies, Marshalltown, Ill.  
 Dunham, Carrigan & Hayden Co., mill & factory & plumbers' supplies, jobbers, & wholesale hdwe., Kansas & Division, San Francisco, Cal.  
 Dunham, Chas. B., architect, 6 Beacon, Boston, Mass.  
 Dunham Co., agricultural implements, Berea, Ohio.  
 Dunham, Crawford L., mill & facty. supplies, New Bedford, Mass.  
 Dunham, D. B., & Son, auto. & vehicle tops, Newark, N. J.  
 Dunham & Fiske, machsts., Whitewater, Wis.  
 Dunham, Fred P., ox bows, Athens, Vt.  
 Dunham, G. F., architect, Lumbermen's Bldg., Portland, Ore.  
 Dunham, H. E., masons' & bldrs.' matls., Chelan, Wash.  
 Dunham, John M., Co., architects, Chemical Bldg., St. Louis, Mo.  
 Dunham Mills, sweaters, cardigans, etc., Hartford, Conn.  
 Dunham, O. E., contractor, Warren, Pa.  
 Dunham Piston Ring Co., 250 W. 54th, New York.  
 Dunham, Thos. C., whiting, varnish, paint, plate glass, 68 Murray, New York.  
 Dunham, W. H., masons' & bldrs.' matls., Okanogan, Wash.  
 Dunkel, S. P., & Son, minerals, Baltimore, Md.  
 Dunkirk Brick & Tile Co., Dunkirk, N. Y.  
 Dunkirk Constr. Co., Dunkirk, N. Y.  
 Dunkirk Electrical Mfg. Co., machsts., Dunkirk, N. Y.  
 Dunkirk Lbr. Co., Dunkirk, Ind.  
 Dunkirk Mach. & Boiler Co., Dunkirk, N. Y.  
 Dunkirk Mason & Contr. Co., Dunkirk, N. Y.  
 Dunkirk Window Glass Co., S. Charleston, W. Va.  
 Dunlap, C. C., lumber, Delaware, Ohio.  
 Dunlap, C. W., Hdwe. Co., knives, 108 Chambers, New York.  
 Dunlap-Coleman Co., contrs., Peoria, Ill.  
 Dunlap & Co., contrs., masons' & bldrs.' matls., Columbus, Ind.  
 Dunlap, Elmer E., architect., State Life Bldg., Indianapolis, & Kokomo, Ind.  
 Dunlap, E. R., architect, Hammond Bldg., Detroit, Mich.  
 Dunlap Hardware Co., Macon, Ga.  
 Dunlap, John, Co., oils, cans, Gregg, Pittsburgh, Pa.  
 Dunlap, J. S., egg beaters, knives, etc., 334 S. Clinton, Chicago, Ill.  
 Dunlap, Louis E., Co., architects, Kokomo, Ind.  
 Dunlap Machy. Co., Ltd., 69 Beekman, New York.  
 Dunlap Mfg. Co., cloths, metal polish, screens, Bloomington, Ill.  
 Dunleavy Bros., contractors, Coatesville, Pa.  
 Dunlevie Lumber Co., Allenhurst, Ga.  
 Dunlevy Packing Co., meat packers, Hamilton av & Enterprise, Pittsburgh, Pa.  
 Dunlop & Lisk Pottery Co., Matawan, N. J.  
 Dunlop Milling Co., flour, Clarksville, Tenn.  
 Dunlop Mills, flour, Richmond, Va.  
 Dunlop-Moore Co., masons' & bldrs.' matls., Duluth, Minn.  
 Dunn Brick Wks., Erie, Pa.  
 Dunn, Chas. J., contractor, 1328 Inca, Denver, Colo.  
 Dunn Connellsville Coke Co., Adamsburg, Pa.  
 Dunn Construction Co., Chamber of Commerce Bldg., Birmingham, Ala.  
 Dunn, Cooper M., landscape architect, State Life Bldg., Indianapolis, Ind.  
 Dunn & Dolan, brick, Arthur Kill rd, Glen Ridge, N. Y.  
 Dunn, E. D. & J. C., architects, 527 5th av, New York.  
 Dunn Edge Tool Co., Oakland, Me.  
 Dunn & Eldridge Co., fndrs., 6 N. 6th, Philadelphia, Pa.  
 Dunn & Elliot Co., ship bldrs., Thomaston, Me.  
 Dunn Green Leather Co., 32 South, Boston, Mass.  
 Dunn, H. B., architect, 210 W. 7th, Los Angeles, Cal.  
 Dunn Ink Wks., Buffalo, N. Y.  
 Dunn, James, Box Co., packing box, 1952 W. 3d, Cleveland, Ohio.  
 Dunn, Jas. F., architect, Monadnock Bldg., San Francisco, Cal.  
 Dunn, Jas. J., contractor, Kearny, N. J.  
 Dunn, Jas. P., chain hoists, Cleveland, Ohio.  
 Dunn, J. C. & Co., oil cloth mfrs., Camden, N. J.  
 Dunn, Jeremiah H., contractor, Naugatuck, Conn.  
 Dunn, Jno. A., Co., revolving chairs, Gardner, Mass.  
 Dunn & Kruse, talc, soapstone, clays, chalk, etc., 63 Park Row, New York.  
 Dunn, L. J., cornices, 152 E. 121st, New York.  
 Dunn Loop Coal & Coke Co., Macdonald, W. Va.  
 Dunn Lumber Co., White Bldg., Seattle, Wash.  
 Dunn Mach. Co., Buffalo, N. Y.  
 Dunn Mfg. Co., castings, Oxnard, Cal.  
 Dunn Mfg. Co., dish washing machines, 180 N. Dearborn, Chicago, Ill.  
 Dunn Mfg. Co., door check & spring mfrs., Mankato, Minn.  
 Dunn Mfg. Co., trench braces, Preble av, N. S. Pittsburgh, Pa.  
 Dunn-McCarthy Co., contractors, 405 S. Dearborn, Chicago, Ill., & Fair, Indianapolis, Ind.  
 Dunn, M. E., machinist, Portland, Me.  
 Dunn Oil Mills Co., Dunn, N. C.  
 Dunn & Rodenberg, clutch pencils & pocket knives, Baker, Providence, R. I.  
 Dunn & Sheridan, contractors, 168 E. 32nd, New York.  
 Dunn Textile Engraving & Mfg. Co., 2011 Church, Philadelphia, Pa.  
 Dunn, Thos., contractor, Saratoga Springs, N. Y.  
 Dunn, Thomas, & Sons, hardware, who., & mill & factory supplies & mchsts., tools & supplies, Moline, Ill.  
 Dunn, Thos. J., & Co., monograms, 165 Broadway, New York.  
 Dunn Trunk Co., Bellingham, Wash.  
 Dunn, Walter E., automobile bldrs., Ogdensburg, N. Y.  
 Dunn, W. E., Mfg. Co., machsts., 4131 Fillmore, Chicago, Ill.  
 Dunn, W. H., cornices & skylights, Pasadena, Cal.  
 Dunn, Wm. J., scrap iron & steel, Fall River, Mass.  
 Dunn, Wm. J., & Son, granite prod., 331 S. 23d, Philadelphia, Pa.  
 Dunn Wire-Cut Lug Brick Co., Conneaut, Ohio.  
 Dunne, Michael F., machsts., 223 West, New York.  
 Dunnebacke Co., masons' & bldrs.' matls., Kenosha, Wis.  
 Dunnerwold & Sartell, sashes, doors & blinds, St. Cloud, Minn.  
 Dunnigan & Crumley, architects, 391 E. 149th, New York.  
 Dunning, Hugh B., architect, 35 S. Dearborn, Chicago, Ill.  
 Dunning, Neil M., architect, builders exch., Buffalo, N. Y.  
 Dunning, W. D., soap & plaster mixing machines, etc., 379 W. Water, Syracuse, N. Y.  
 Dunning, R. B., & Co., plumbers' supplies, Bangor, Me.  
 Dunning-Varney Corp., packing box mfrs., 99 Warren, New York.  
 Dunningham, John, contractor, Elmira, N. Y.  
 Dunn's Service, gauge glass protectors, 608 S. Dearborn, Chicago, Ill.  
 Dunphy Boat Mfg. Co., motor boat bldrs., Eau Claire, Wis.  
 Dun's International Review, trade publications, 290 Broadway, New York.  
 Dunson Mills, cotton duck & canvas, La Grange, Ga.  
 Dunstone, T. H., granite, Concord, N. H.  
 Duntley Products Co., hand vacuum cleaners, Erie, Pa.  
 Duntley Products Sales Co., humidifying app., 343 S. Dearborn, Chicago, Ill.  
 Dunton Lumber Co., Rumford, Me.  
 Dunton, M. W., Co., insulating tapes, roofing paper, etc., Providence, R. I.  
 Dunzeiler Bros., contractor, Zanesville, O.  
 Duparquet, Huot & Moneuse Co., cooking app., 110 W. 22d, New York.  
 Du Paul, Young Optical Co., Southbridge, Mass.  
 Du Perow, M., 518-10 N. W., Washington, D. C.  
 Duplex Elec. Co., 258 Broadway, New York.  
 Duplex Electric Mfg. Co., auto horns, 5125 Coral, Pittsburgh, Pa.  
 Duplex Engine Governor Co., 36 Flatbush av ext., B'klyn, N. Y.  
 Duplex Hanger Co., anchors, bases, boxes, joist hangers, etc., E. 53d & Lakeside av, Cleveland, Ohio.  
 Duplex Mfg. Co., mchsts., fndrs. & agricultural impl., Superior, Wis.  
 Duplex Mfg. & Fdry. Co., catch basins & street drainage goods, brick clamps, Elyria, Ohio.  
 Duplex Mill & Mfg. Co., agricultural implements & feed mills, etc., Springfield, Ohio.  
 Duplex Moulding Sander Co., machy., Hornell, N. Y.  
 Duplex Power Car Co., Charlotte, Mich.  
 Duplex Printing Press Co., machsts. & fndrs., Battle Creek, Mich.  
 Duplex Truck Co., auto mfrs., Lansing, Mich.  
 Duplexo Metal Stamping Co., mtetal stamping, 431 Kent av, Brooklyn, N. Y. *See adv index at end of book.*  
 Duplicator Mfg. Co., 530 S. Dearborn, Chicago, Ill.  
 Du Pont Chemical Works, 120 Broadway, New York.  
 Du Pont, E. I., de Nemours & Co., gunpowder, dynamite, etc., mfrs., Wilmington, Del. *See adv. index at end of book.*  
 Du Pont, E. I., de Nemours & Co., (The Arlington Works), toilet article mfrs., etc., 725-27 Broadway, New York.  
 Du Pont Fabrikoid Co., artificial leather mfrs., Wilmington, Del. *See adv. index at end of book.*  
 Dupont Land Co., lumber, Dupont, Fla.  
 Du Pont Rubber Co., 110 W. 40th, New York.  
 Dupont, Henry H., & Co., architects, St. Petersburg, Fla.  
 Dupont, Young, Optical Co., Southbridge, Mass.  
 Dupre, Christian, contrs., Evanston, Ill.  
 Du Pree Mfg. Co., excelsior, wood wool, Atlanta, Ga.  
 Dupuis, A. J., Co., contractors & dock builders, Ford Bldg., Detroit, Mich.  
 Duquesne Const. Co., contractors, Bessemer Bldg., Pittsburgh, Pa.  
 Duquesne Contracting Co., Diamond Bk. Bldg., Pittsburgh, Pa.



- Duquesne Glass Co., bottles, Paden City, W. Va.  
 Duquesne Marble Co., interior wk., Irwin & Jarvella, N. S. Pittsburgh, Pa.  
 Duquesne Oil & Supply Co., lubrg., 3300 Smallman, Pittsburgh, Pa.  
 Duquesne Packing Co., meat, Everett & Flavel, Pittsburgh, Pa.  
 Duquesne Polish Co., metal, 53 S. 15th, Pittsburgh, Pa.  
 Duquesne Reduction Co., brass ingots, Farmers' Bank Bldg., Pittsburgh, Pa.  
 Duquesne Slag Products Co., concrete, Diamond Bank Bldg., Pittsburgh, Pa.  
 Duquesne Steel Foundry Co., loco. frames, Arrott Bldg., Pittsburgh, Pa.  
 Durable Dayton Truck Co., Dayton, Ohio.  
 Durable Mfg. Co., packing mfrs. paints, valve discs, etc., 114 Liberty, New York.  
 Durable Toy & Nov. Co., 44 Union Sq., New York.  
 Durable Wire Rope Co., wire rope and accessories, 93 Pearl, Boston, Mass.  
 Durametal Weather Strip Co., 226 W. Madison, Chicago, Ill.  
 Durand Koering Glass Co., glass tubing & rods, Vineland, N. J.  
 Durand Steel Locker Co., 1435 Fort Dearborn Bank Bldg., Chicago, Ill.  
 Durang, Edwin F., & Son, architects, 54th & Cedar av, Philadelphia, Pa.  
 Duranoid Mfg. Co., hdw. mfrs., 213-221 Chestnut, Newark, N. J.  
 Durant Bros., canned goods, Clarksdale, Mo.  
 Durant-Dort Carriage Co., Flint, Mich.  
 Durant Machy. & Iron Wks., Durant, Okla.  
 Durant Mfg. Co., speed indicators & counting machines, & manufacturers of counting devices, for mfg. plants, & pole & revolution counters, 655 Buffum, Milwaukee, Wis.  
 Durbrow & Hearne Mfg. Co., machsts., 12 Wooster, New York.  
 Duren & Co., milk bottle caps, 34 Summer, Boston, Mass.  
 Durfee Mfg. Co., disinfectants, Grand Rapids, Mich.  
 Durfee Mills, cotton sheetings, Fall River, Mass.  
 Durfee, Walter H., & Co., clocks, church bells, etc., 151 Pond, Providence, R. I.  
 Durflinger, John W., contractor, Noblesville, Ind.  
 Durgin & Son, cornices, Minneapolis, Minn.  
 Durham Bros., architects, Heed Bldg., Philadelphia, Pa.  
 Durham Buggy Co., Durham, N. C.  
 Durham Coal & Iron Co., coke, Chattanooga, Tenn.  
 Durham Cotton Mfg. Co., East Durham, N. C.  
 Durham Duplex Razor Co., safety razors, Jersey City, N. J.  
 Durham Iron Works Co., Durham, N. C.  
 Durham, J. C., Co., sash, door & blind mfrs., Belfast, Me.  
 Durham & Jacobs, canned goods, Bel Air, Md.  
 Durham Mfg. Co., fireless cookers, children's vehicles, Muncie, Ind.  
 Durham Mill Co., flour, Durham, Cal.  
 Durick & Flanagan Co., slate for electrical purposes, Fair Haven, Vt.  
 Durick, Keenan & Co., slate floor tile, etc., Rutland, Vt.  
 Durie & Davison, stone, Harrison, N. J.  
 Durion Castings Co., 90 West, New York.  
 Duriron Castings Co., fndrs., Dayton, Ohio.  
 Duristo Paint Co., paint mfrs., Newport News, Va.  
 Durkee-Atwood Co., lubrg. oils & hand soap, 711 N. 3d av, Minneapolis, Minn.  
 Durkee, Chas. D., & Co., who. hardware, pumps, sockets, hooks, etc., 2 South, New York.  
 Durkee Counter Co., Haverhill, Mass.  
 Durkee, E. L., & Co., whol. hdwe., Gloversville, N. Y.  
 Durkee, F. M., & Son, masons' & bldrs.' matls., Lake Geneva, Wis.  
 Durkin, Jno. J., contractor, 1 Madison av, New York.  
 Durkin, Reeves & Co., duplicators, Schmidt Bldg., Pittsburgh, Pa.  
 Durlacque Mfg. Co., lacquer mfrs., etc., 2332 Olive, St. Louis, Mo.  
 Durland Counter Co., Lynn, Mass.  
 Durland, L. H. Son & Co., masons' & bldrs.' matls., Watkins, N. Y.  
 Durman, L. C., lbr. mfrs., Harris, Mo.  
 Durner, A. E., & Son, disc sharpeners, Evansville, Wis.  
 Durocher, Thos. L., contractor, Sault Sainte Marie, Mich.  
 Duroolithic Co., contractors, Ellicott sq., Buffalo, N. Y.  
 Du Roy Mfg. Co., lumber, Park Lake, Mich.  
 Durr, C. A., Packing Co., meat packers, Utica, N. Y.  
 Durrett, J. W., & Son, flour mills, Cross Plains, Tenn.  
 Durst Milling Co., flour, Dayton, Ohio.  
 Durston Gear Co., transmission gears, Syracuse, N. Y.  
 Duryea, C. E., Co., priming cups, Saginaw, Mich.  
 Duryea Mfg. Co., boiler compound & belting mfrs., oils, ft Chapel av, Jersey City, N. J.  
 Duryee, Peter, & Co., who. hdwe., 66 Vesey, New York.  
 Dusenberry, H. C., disinfectants, 95 Gold, New York.  
 Dush, Louis, cornices & skylights, Memphis, Tenn.  
 Dusing & Hunt, hdwe. mfrs., fire extinguishers, 386 Mich. av, Buffalo, N. Y.  
 Dussault Fdry. Wks., Lockport, N. Y.  
 Dussell, Alex., & Co., boilers, 416 Erato, New Orleans, La.  
 Dust Sprayer Mfg Co., 415 St. Louis av, Kansas City, Mo.  
 Dustman, Urias M., architect, Freeport, Ill.  
 Dustoline for Roads Co., road binders, Summit, N. J.  
 Duston, F. W., canned goods, Clarkston, Wash.  
 Dutch, A., & Co., show cases, 148 Seneca, Buffalo, N. Y.  
 Dutch Canning & Pickling Co., Cedar Grove, Wis.  
 Dutcher, Ogden, architect, Nampa, Idaho.  
 Dutchess County Lime Co., Scarborough, N. Y.  
 Dutchess Fdry. Co., Poughkeepsie, N. Y.  
 Dutchess Tool Co., mchsts. & fndrs., Fishkill-on-the-Hudson, N. Y.  
 Duthie, J. F., & Co., ship bldrs., Seattle, Wash.  
 Dutt Feed & Supply Co., masons' & bldrs.' matls., Wadsworth, Ohio.  
 Dutton, A. C., Lumber Corp., Springfield, Mass.  
 Dutton, C. H., Co., boilers & engines, Kalamazoo, Mich.  
 Dutton, E. Q., & Co., agricultural implements, Cato, N. Y.  
 Dutton, Jas. E., granite, 42 E. 23d, New York.  
 Dutton & Jones Fdry. & Mach. Wks., Vicksburg, Miss.  
 Dutton, J. W., & Co., turpentine, Lacoochee, Fla.  
 Dutton, L. B., & Co., architects, Chronicle Bldg., San Francisco, Cal.  
 Dutton, Willis H., machsts., Morristown, N. J.  
 Dutwiler, M. E., stoves, Los Angeles, Cal.  
 Duval, B. C., lumber, Pensacola, Fla.  
 Duval, Geo. W., & Co., machsts. & fndrs., Norfolk, Va.  
 Duval Co., lumber, Kewaunee, Wis.  
 Duvinage, Pierre, archl. iron, 253 B'way, New York.  
 Du Vivier, Ernest H., barometer recorders, thermometers, etc., 30 Church, New York.  
 Dux, Jos, archl. modelers, 2112 W. Van Buren, Chicago, Ill.  
 Duyer, Frank E., contractor, Chestertown, Md.  
 Duzets & Son, machy. dtrs., 50 Church, New York.  
 Dvorak, Jos., & Sons, buttons—pearl, Little Ferry, N. J.  
 Dvorsky Co., buttons, 411 E. 91st, New York.  
 Dwelle-Kaiser Co., glass stainers, 251 Elm, Buffalo, New York.  
 Dwen, Robt. G., architect, 3736 Ellis av, Chicago, Ill.  
 D. & W. Fuse Co., cut-outs, boxes, switches, wires, etc., Hathaway, Providence, R. I.  
 Dwiggins Wire Fence Co., Anderson, Ind.  
 Dwight, Arthur S., metallurgical engr., 29 B'way, New York.  
 Dwight, H. A., masons' & bldrs.' matls., Albany, N. Y.  
 Dwight Lumber Co., maple flooring, Detroit, Mich.  
 Dwight Mfg. Co., cotton sheetings, Exch. Bldg., Boston, Mass.  
 Dwight Mfg. Co., indicators, 12 S. Jefferson, Chicago, Ill.  
 Dwyer & Co., contractors, Weightman Bldg., Philadelphia, Pa.  
 Dwyer, Cornelius, cornices & skylights, Amsterdam, N. Y.  
 Dwyer, Jas. P., Co., hgt. contrs., 31 Albany, Boston, Mass.  
 Dwyer, J. Frank, masons' & bldrs.' matls., Geneva, N. Y.  
 Dwyer, J. W., & Son, contractors, Ellicott sq, Buffalo, N. Y.  
 Dwyer Mach. Co., Lynn, Mass.  
 Dwyer & Mannix, contrs., 335 Shelton av, New Haven, Conn.  
 Dwyer, M. J., stone producers, Newburgh, N. Y.  
 Dwyer & Waldorf, architects, Three Forks, Mont.  
 Dwyer, W. E., architect, New York Bldg., Seattle, Wash.  
 Dwyer, Wm. J., contractor, Kirk blk, Syracuse, N. Y.  
 Dyar Supply Co., contractors' municipal equipment, mfrs., 66 Broadway, Cambridge, Mass. *See adv index at end of book*  
 Dye Bros., stone renovators, 100½ W. 54th, New York.  
 Dye, John K., contractor, Gloversville, N. Y.  
 Dye Lumber Co., Hamlet, Ind.  
 Dye, Milton, masons' & bldrs.' matls., Cumberland, Ohio.  
 Dye Products Co. of U. S., aniline colors, Krams & Wilde, Philadelphia, Pa.  
 Dye Products & Chemical Co., 200 5th av, New York.  
 Dye, Walter F., contractor, Gloversville, N. Y.  
 Dyer, A. H., Co., architects, Fremont, Neb.  
 Dyer, B. H., & Co., masons' & bldrs.' matls., Provincetown, Mass.  
 Dyer Bros. Iron Works, 17th & Kansas, San Francisco, Cal.  
 Dyer, C. C., brick, Greenfield, Mass.  
 Dyer, Chas. N., shoe goring, cotton webbing, Haverhill, Mass.  
 Dyer Co., 2031 Euclid, Cleveland, Ohio.  
 Dyer, G. H., Co., autogenous welding & garage tools, mfrs., 155 Brookline, Cambridge, Mass.  
 Dyer, J. H., naval architect, 338 Spring, Portland, Me.  
 Dyer, Jno., Jr., dock bldr. & contractor, 6 S. Pearl, Albany, N. Y.  
 Dyer, J. Milton, architect, Cuyahoga Bldg., Cleveland, Ohio.  
 Dyer, John N., & Son, granite prod., Long Island City, N. Y.  
 Dyer Packing Co., Vincennes, Ind.  
 Dyer, Jno. T., Quarry Co., stone producers, Norristown, Pa.  
 Dyer Saddlery Co., 321 E. Water, Milwaukee, Wis.  
 Dyer, Scott C., architect, 38 S. Dearborn, Chicago, Ill.  
 Dyer, W. E. S., architect, Land Title Bldg., Philadelphia, Pa.  
 Dyer, W. J., & Bro., pianos, N. St. Paul, Minn.  
 Dyer, William H., sashes, doors & blinds, 13th cor. Ohio av, N. W., Washington, D. C.  
 Dyersburg Hoop Co., Dyersburg, Tenn.  
 Dyett, Frank J., Co., machsts., Ilion, N. Y.  
 Dyke Bros., lumber mfrs., Fort Smith, Ark.  
 Dykeman & Murray, architects, 15 Exchange, Boston, Mass.  
 Dykes Lbr. Co., 348 W. 44th, New York.  
 Dymond, E. P., cornices, Plymouth, Pa.  
 Dymond-Simmons Hardware Co., Sioux City, Ia.  
 Dynes-Pohlman Lbr. Co., Indianapolis, Ind.  
 Dyneto Electric Co., auto lighting systems, Syracuse, N. Y.  
 Dyno Utilities Mfg. Co., commutator compounds, 608 S. Dearborn, Chicago, Ill.  
 Dysart Brick & Tile Co., Dysart, Ia.



- Dysart Canning Co., Dysart, Ia.  
 Dyson Brick Co., Dyson, S. C.  
 Dyson, Jos., & Son, drop forgings, 5125 St. Clair, Cleveland, O.  
 Eacrett Mill Co., lumber, Port Angeles, Wash.  
 Eadie Bldg. Supply Co., masons' & bldrs.' mtls., 316 Scarrit Bldg., Kansas City, Mo.  
 Eady, Geo. M., Co., contractors, Louisville, Ky.  
 Eagan, Chas., contractor, Little Falls, N. Y.  
 Eagan & Dougan, contractors, Mutual Life Bldg., Buffalo, N. Y.  
 Eagan-Rogers Steel & Iron Co., mchsts. & fndrs., Crum Lynne, Pa.  
 Eagan, Thos. F., Hdwe Co., machsts., Worcester, Mass.  
 Eagen, Jas. A., machsts., Wyoming, Pa.  
 Eager Elec. Co., dynamo mfrs., generators, etc., Watertown, N. Y.  
 Eager, W. A., architect, Story Bldg., Los Angeles, Cal.  
 Eagle Beer Pump Co., 17 Chambers, New York.  
 Eagle Bolt & Forging Co., Cleveland, Ohio.  
 Eagle Brass Foundry, machsts. & fndrs., Seattle, Wash.  
 Eagle Building & Constr. Co., 405 E. 117th, New York.  
 Eagle Button Wks., 55 Chrystie, New York.  
 Eagle Carriage Co., Court & McLean av., Cincinnati, Ohio.  
 Eagle Co., machsts., 98 Warren, Newark, N. J.  
 Eagle Constr. Co., Drexel Bldg., Philadelphia, Pa.  
 Eagle Cornice Co., 312 Blackstone, Providence, R. I.  
 Eagle Cornice & Metal Co., Jacksonville, Fla.  
 Eagle Cornice & Roofing Co., ft. of 24th, Detroit, Mich.  
 Eagle Cornice & Skylight Wks., Cambridge, Mass.  
 Eagle Cornice Wks., 2726 Sheffield av., Chicago, Ill.  
 Eagle Cotton Mills Co., bags & bagging, Madison, Ind.  
 Eagle Cotton Oil Co., Meridian, Miss.  
 Eagle Counter & Leather Co., 416 E. 8th, Cincinnati, Ohio.  
 Eagle Distillery, Stanley, Ky.  
 Eagle Emery & Corundum Wheel Co., 715 S. Robey, Chicago, Ill.  
 Eagle Flouring Mill Co., Sweetwater, Tenn.  
 Eagle Foundry Co., Belleville, Ill.  
 Eagle Foundry Co., gray iron castings, Muncie, Ind.  
 Eagle Fdry. & Mach. Co., Jamestown, N. Y.  
 Eagle Furnace Co., blast furnaces, Attalla, Ala.  
 Eagle Glass & Mfg. Co., grease buckets, Wellsburg, W. Va.  
 Eagle Gray Granite Co., Fryeburg, Me.  
 Eagle Hay Press & Implement Co., Muskogee, Okla.  
 Eagle Iron & Brass Fdry., Passaic, N. J.  
 Eagle Iron Co., blast furnaces, Curtin, Pa.  
 Eagle Iron Foundry, Salem, Mass.  
 Eagle Iron Works, Des Moines, Ia.  
 Eagle Iron Wks., fndrs., Muskegon, Mich.  
 Eagle Iron Wks., Norfolk, Va.  
 Eagle Iron Wks., 850 De Kalb av., Brooklyn, N. Y.  
 Eagle Iron Wks., 403 E. 17th, New York.  
 Eagle Iron Wks., arch't iron, Wilkes-Barre, Pa.  
 Eagle Iron Wks. Co., 9 av S & 5th, Minneapolis, Minn.  
 Eagle Iron Wks. Co., screens, wheels, etc., Terre Haute, Ind.  
 Eagle, J. W. P., machsts. & fndrs., Roncerverte, W. Va.  
 Eagle Knife & Bar Co., Lawrence, Mass.  
 Eagle Knitting Mills, gloves, etc., 382 Broadway, Milwaukee, Wis.  
 Eagle Lake Fruit & Canning Co., Eagle Lake, Tex.  
 Eagle Lake Rice Milling Co., Eagle Lake, Tex.  
 Eagle Lock Co., trunk, hardware, Terryville, Conn.  
 Eagle Lubricating Oil Co., 226 1st av, Pittsburgh, Pa.  
 Eagle Lumber Co., Eagle Mills, Ark.  
 Eagle Lye Wks., 28 Erie, Milwaukee, Wis.  
 Eagle Machine Co., Lancaster, Ohio.  
 Eagle Mach. Wks., Richmond, Ind.  
 Eagle-Macomber Motor Car Co., Sandusky, Ohio.  
 Eagle Mfg. Co., machsts. & fndrs., Appleton, Wis.  
 Eagle Mfg. Co., special machinery, dies, etc., Blue Rock & Tur-rill, Cincinnati, Ohio.  
 Eagle Metal Works, plumbers' specialties mfrs., 127 Purchase, Boston, Mass.  
 Eagle Metal Works, cornices, 1512 Clark av, St. Louis, Mo.  
 Eagle Milling Co., flour mills, Bentonville, Ark.  
 Eagle Milling Co., flour, Tucson, Ariz.  
 Eagle Mills, plushes, Woonsocket, R. I.  
 Eagle Oil & Supply Co., 45 India, Boston, Mass.  
 Eagle Paint & Varnish Co., N. S., Pittsburgh, Pa.  
 Eagle Paper Co., Richmond, Va.  
 Eagle Paving Co., contractors, Rosenbloom Bldg., Syracuse, N. Y.  
 Eagle Pencil Co., 703 E. 13th, New York.  
 Eagle & Phenix Mills, flannels, tickings, Columbus, Ga.  
 Eagle Picher Lead Co., lead products, 208 S. La Salle, Chicago, Ill.  
 Eagle Pipe Supply Co., 16 Roebling, Brooklyn, N. Y.  
 Eagle Point Lime Wks., Dubuque, Iowa.  
 Eagle Polishing Co., S. Quincy, Quincy, Mass.  
 Eagle Printing Ink Co., 83 Grand, New York.  
 Eagle Rock Mfg. Co., sashes, doors & blinds, Eagle Rock, N. C.  
 Eagle Roller Mill Co., flour, New Ulm, Minn.  
 Eagle Roller Mills, flour, Greenville, S. C.  
 Eagle Roller Mills, flour, Lawrenceburg, Ky.  
 Eagle Roofing & Art Metal Works, cornices, Tampa, Fla.  
 Eagle Rubber Co., balloons, footballs, etc., Ashland, Ohio.  
 Eagle Rubber Supply Co., Stamford, Conn.  
 Eagle Safety Razor Co., 66 W. Broadway, New York.  
 Eagle Saw Works, Chattanooga, Tenn.  
 Eagle Smelting & Refining Wks., 233 Broadway, New York.  
 Eagle Soap Co., Cooper & Turill, Cum., Cincinnati, Ohio.  
 Eagle Spec. Mfg. Co., sink brackets, mop sticks, etc., Jamestown, N. Y.  
 Eagle Square Mfg. Co., steel & iron bedsteads, machsts. & fndrs., etc., South Shaftsbury, Vt.  
 Eagle Stamping Co., 1400 Niagara, Buffalo, N. Y.  
 Eagle Talking Mach. Co., 200 Broadway, New York.  
 Eagle Tank Co., wooden tanks, 2426 N. Crawford av, Chicago, Ill.  
 Eagle Tool & Machine Co., cut gears, 519 South av, Pittsburgh, Pa.  
 Eagle Tool Wks., Bayonne, N. J.  
 Eagle Valley Canning Co., New Bridge, Ore.  
 Eagle Wagon Works, Auburn, N. Y.  
 Eagle Woodenware Mfg. Co., Hamilton, Ohio.  
 Eagle Wrought Iron Wks., 580 Robbins av, New York.  
 Eagles, Israel C., architect, 153 N. 16th, East Orange, N. J.  
 Eaglesfield & Shepard, lbr. mfrs., Indianapolis, Ind.  
 Eagleton Bros., shoe counters, Lynn, Mass.  
 Eakins, J. S. & W. R., paint, 12 Wallabout, Brooklyn, N. Y.  
 E. A. Laboratories, elec'l horns, 80 Broadway, Brooklyn, N. Y.  
 Eames, Alfred M., & Co., carriage wheels, Framingham, Mass.  
 Eames, C. S., & Co., cornices, Bridgeport, Conn.  
 Eames & Young, architects, Wright Bldg., St. Louis, Mo.  
 Eardley, Wm. F., & Bro., printing presses & machy., etc., 138 Centre, New York.  
 Eareckson, Wm. M., masons' & bldrs.' matls., 814 N. Stricker, Baltimore, Md.  
 Earhart, Chas., architect, Champaign, Ill.  
 Earl, Andrew, sash, door & blind mfrs., Hickory & Water, Columbus, Ohio.  
 Earl Auto. Wks., springs, windshields auto., Los Angeles, Cal.  
 Earl, Chas. F., & Co., granite, 1133 Broadway, New York.  
 Earl Cooperage Co., Earl, Ark.  
 Earl, J. W., architect, Rochester, Pa.  
 Earl, Jno., sash, door & blind mfrs., Champlain, N. Y.  
 Earl, Launcelot M., Jr., architect, Idaho Falls, Idaho.  
 Earl, M. J., pads & tablets, Reading, Pa.  
 Earl, W. D., Co., horn buttons, celluloid combs, etc., Leominster, Mass.  
 Earle Bros., crude rubber, 66 Broad, New York.  
 Earle Brush Co., Columbia, Pa.  
 Earle & Co., colors, dyes, etc., 20 W. 3d, New York.  
 Earle, E. P., ores, minerals, metals, etc., 165 Broadway, New York.  
 Earle, Edw. E., cornices & skylights, Sacramento, Cal.  
 Earle Gear & Machine Co., machinery mfrs., 101 E. Wyoming av, Philadelphia, Pa.  
 Earle, H. S., Mfg. Co., hooks, Detroit, Mich.  
 Earley, John H., brick, Nicetown La., Philadelphia, Pa.  
 Earley, Wm., combination & steam heaters, 1216 Ridge av, Philadelphia, Pa.  
 Earlham College, engng. schools & coll., Richmond, Ind.  
 Earlham Land Co., stone producers, Des Moines, Ia.  
 Earlington Mach. Wks., Earlington, Ky.  
 Earlville Brick & Tile Mfg. Co., Earlville, Ill.  
 Early, Edw. E., Co., compounds, Canton, Ohio.  
 Early Fndry Co., Dickson City, Pa.  
 Early Gas Engine Co., Williamsport, Pa.  
 Early, Jos. N., street signs, 320 Broadway, New York.  
 Early Times Distillery Co., Early Times, Ky.  
 Early Times Dist. Co., Paducah, Ky.  
 Early, W. C., canned goods, Munford, Va.  
 Early W. J., & Sons, machsts. & fndrs., 812 Sarah, Pittsburgh, Pa.  
 Earp, Edwin, architect, 333 Union, Lynn, & Peabody, Mass.  
 Easiest Way Mfg. Co., clothes washing machines, Sandusky, Ohio.  
 Easley Cotton Mills, cotton sheetings, Easley, S. C.  
 Easley Oil Mill Co., meal, Easley, S. C.  
 Eason, Wm. E., architect, 1036 Sharp av, Nashville, Tenn.  
 East Arkansas Lumber Co., Paragould, Ark.  
 East Bangor Consolidated Slate Co., East Bangor, Pa.  
 East Bangor Mfg. Co., hame clips, snap hooks, harness & hitching snaps, machsts. & fndrs., Bangor, Pa.  
 East Birmingham Iron Roofing Co., cornices, Birmingham, Ala.  
 East Brooklyn Box Co., East Brooklyn, Md.  
 East Coast Lumber Co., Watertown, Fla.  
 East Coast Lumber & Supply Co., Eau Gaille, Fla.  
 East End Boiler Works, 13 St. Aubin av, Detroit, Mich.  
 East End Brick Co., Louisville, Ky.  
 East Hampton Bell Co., East Hampton, Conn.  
 East Hampton Lumber & Coal Co., masons' & bldrs.' matls., East Hampton, N. Y.  
 Easthampton Rubber Thread Co., Easthampton, Mass.  
 East Hartford Mfg. Co., paper pulp mill, Burnside, Conn.  
 East & Hobbs, contractors, Norfolk, Va.  
 East Hoquiam Shingle Co., lumber, Hoquiam, Wash.  
 East Iron & Machine Co., asphalt, paving, plant machinery, etc., 351 E. Market, Lima, Ohio.  
 East Jersey Pipe Corp., Boilers, cylinders, tanks, etc., Paterson, N. J.  
 East Jordan Furnace Co., blast, East Jordan, Mich.



East Jordan Lumber Co., maple flooring, East Jordan, Mich.  
 East Liverpool Brick Mfg. Co., East Liverpool, Ohio.  
 East Liverpool Potteries Co., East Liverpool, Ohio.  
 East Ohio Sewer Pipe Co., Irondale, Ohio.  
 East Pembroke Canning Co., East Pembroke, N. Y.  
 East Point Lumber Co., East Point, Ga.  
 East River Planing Mill Co., sash door & blind mfrs., Green Bay, Wis.  
 East St. Cloud Granite Co., St. Cloud, Minn.  
 East St. Louis Cotton Oil Co., East St. Louis, Ill.  
 East St. Louis Lbr. Co., 2022 State, East St. Louis, Ill.  
 East St. Louis Stone Co., East St. Louis, Ill.  
 East Side Boiler Works, Portland, Ore.  
 East Side Canning Co., Los Angeles, Cal.  
 East Side Copper Works, 353 E. 31st, New York.  
 East Side Iron Works, 448 E. 167th, New York.  
 East Side Machine Co., Los Angeles, Cal.  
 East Side Mill & Lumber Co., Portland, Ore.  
 East Side Pckg. Co., meat packers, East St. Louis, Ill.  
 East Stroudsburg Lumber Co., East Stroudsburg, Pa.  
 East Tacoma Mfg. Co., sash, door & blind, Tacoma, Wash.  
 East Tennessee Packing Co., meat packers, Knoxville, Tenn.  
 East Tennessee Woodworking Co., Morristown, Tenn.  
 East Texas Fertz. Co., Tyler, Tex.  
 East Trenton Mach. Wks., East Trenton, N. J.  
 East, Wm. J., architect, Asheville, N. C.  
 East Windsor Hill Brick Wks., East Windsor Hill, Conn.  
 Eastburn, Chas. T., stone producers, Yardley, Pa.  
 Easterbrook, Wm., Jr., & Bro., cornices, steel hames, 311 Cherry, Philadelphia, Pa.  
 Easterday, Bros., brick & tile, Sparta, Ohio.  
 Easterday, Wm. P., & Co., cornices, Charlestown, W. Va.  
 Easterling Lbr Co., Ora, Miss.  
 Eastern Bedstead Co., Hoboken, N. J.  
 Eastern Bolt & Nut Co., E. Providence, Providence, R. I.  
 Eastern Brass & Ingot Corp. of N. Y., 208 S. La Salle, Chicago, Ill.  
 Eastern Bridge & Structural Co., fabrication of steel for buildings and bridges, 88 Cushing, Worcester, Mass.  
 Eastern Carbon Wks., 580 Henderson, Jersey City, N. J.  
 Eastern Casket Co., 421 W. Camden, Baltimore, Md.  
 Eastern Cement Co., masons' & bldrs.' matls., Bangor, Me.  
 Eastern Chemical Co., fertilizer mfrs., 45 Union av, Boston, Mass.  
 Eastern Clay Goods Co., masons' & bldrs.' matls., 141 Milk, Boston, Mass.  
 Eastern Concrete Steel Co., D. S. Morgan Bldg., Buffalo, N. Y.  
 Eastern Constr. Co., 110 W. 40th, New York.  
 Eastern Constr. Co., Woonsocket, R. I.  
 Eastern Cornices & Roofing Co., 9 Rutgers, New York.  
 Eastern Cotton Oil Co., Hartford, N. C.  
 Eastern Distilling Co., Bowershill, Va.  
 Eastern Engineering & Construction Co., Derby, Conn.  
 Eastern Expanded Metal Co., concrete binder, 201 Devonshire, Boston, Mass.  
 Eastern Felt Co., Winchester, Mass.  
 Eastern Flexible Conduit Co., 41 Gardiner av, Brooklyn, N. Y.  
 Eastern Handle Co., 36 Whittier, Boston, Mass.  
 Eastern Hard Fibre Co., Merrimac, Mass.  
 Eastern Ky. Lbr. Co., Hitchens, Ky.  
 Eastern Lumber Co., Tonawanda, N. Y.  
 Eastern Machine Screw Corp., die heads & screw machine products, mfrs., Freeman & Barclay, New Haven, Conn.  
 Eastern Machy. Co., freight elev., Ashmn & Gregory, New Haven, Conn.  
 Eastern Malleable Iron Co., malleable iron & semi-steel castings, machsts. & fndrs., Naugatuck, Conn.  
 Eastern Mfg. Co., paper & pulp mill, Bangor, Me.  
 Eastern Marble & Granite Works, stone producers, 2700 Diamond, Philadelphia, Pa.  
 Eastern Metal & Refining Co., Babbitt metal, 121 Beverly, Boston, Mass.  
 Eastern Nail Co., cement coated wire, shoe & special wire nails, mfrs., Providence, R. I.  
 Eastern Oil Tank Co., Lowell, Mass.  
 Eastern Parts Mfg. Co., stamping, springs, etc., 27 Thames, New York.  
 Eastern Pattern Wks., Detroit, Mich.  
 Eastern Penna. Supply Co., whol. hdwe., plumbers' supplies, jobbers, mill & facty. supplies & masons' & bldrs.' matls., Wilkes-Barre, Pa.  
 Eastern Pin Ticket & Tag Co., Perkasio, Pa.  
 Eastern Plumbing Supply Co., Hartford, Conn.  
 Eastern Printing & Mfg. Co., muslin signs, Dayton, Ohio.  
 Eastern R'way & Lumber Co., wood cross arms, Centralia, Wash.  
 Eastern Range Boiler & Welding Co., expansion tanks, Conshohocken, Pa.  
 Eastern Salt Co., 186 State, Boston, Mass.  
 Eastern Shore Fertilizer Co., Cape Charles, Va.  
 Eastern Slate Co., Fair Hassen, Vt.  
 Eastern Specialty Co., jewels, 3409 N. 13th, Philadelphia, Pa.  
 Eastern Spec. Mfg. Co., bathroom fix. & furnishings, Scranton, Pa.  
 Eastern Steel Casting Co., 30 Kemble, Boston, Mass.  
 Eastern Steel Co., Pottsville, Pa.  
 Eastern Straw Board Co., Versailles, Conn.

Eastern Supply Co., masons' & bldrs.' matls., Phila. rd & 8th, Baltimore, Md.  
 Eastern Supply Co., soaps & lubricating oils & greases, 2 Canterbury, Worcester, Mass.  
 Eastern Tablet Co., writing pads, Albany, N. Y.  
 Eastern Tale Co., 45 Milk, Boston, Mass.  
 Eastern Tanner's Glue Co., Gowanda, N. Y.  
 Eastern Testing Laboratories, Allentown, Pa.  
 Eastern Tool & Mfg. Co., machsts., Bloomfield av, Bloomfield, N. J.  
 Eastern & Western Lbr. Co., Portland, Ore.  
 Easthampton Rubber Thread Co., Easthampton, Mass.  
 Eastlake Mfg. Co., auto. binding, silk fringes, Adams av & Leiper, Philadelphia, Pa.  
 Eastlake Sheet Metal & Cornice Wks., Seattle, Wash.  
 Eastman, C. E., architect, Observatory Bldg., Des Moines, Ia.  
 Eastman Co., canned goods, Fryeburg, Me.  
 Eastman Cotton Mills, Eastman, Ga.  
 Eastman, G. A., architect, Lewis Bldg., Portland, Ore.  
 Eastman, Gardiner, & Co., lumber mfrs. & wholesalers, Laurel, Miss.  
 Eastman, H. T., & Co., bldg. contrs. & archl. iron, Cambridge, Mass.  
 Eastman, J. N., & Co., canned goods, Casco, Me.  
 Eastman, Jas. H., contractor, Newton, Ia.  
 Eastman Kodak Co., photo materials, Rochester, N. Y.  
 Eastman Lumber Co., Platteville, Wis.  
 Eastman Mach. Co., 779 Washington, Buffalo, N. Y.  
 Eastman Oil Mills, meal—cottonseed, Jonestown, Miss.  
 Eastman Plastic Relief Co., 23d & Dickson, St. Louis, Mo.  
 Eastman, S. L., Flooring Co., Saginaw, Mich.  
 Eastman, Sam'l Co., hose nozzle mfrs., machsts. & fndrs., East Concord, N. H.  
 Eastmond & Co., crude rubber, cocoa mats, 82 Beaver, New York.  
 Easton Brass & Mach. Wks., Easton, Pa.  
 Easton & Burnham Machine Co., pine, machsts. & fndrs., Pawtucket, R. I.  
 Easton Car & Construction Car Co., 4th, Easton, Pa.  
 Easton, Crane & Pike Co., paper & pulp mills, Pittsfield, Mass.  
 Easton Cypress Co., lbr. mfrs., Albany, N. Y.  
 Easton Lime Co., 16 N. Bank, Easton, Pa.  
 Easton Mach. Co., case hardening, 24 Milk, Boston, Mass.  
 Easton Machinery Co., Drake Bldg., Easton, Pa.  
 Easton Packing Co., Easton, Md.  
 Easton, Roland J., & Son, architects, Newport, R. I.  
 Easton, Thos. G., architect, New Kensington, Pa.  
 Easton Tool & Mach. Co., Easton, Pa.  
 Easton, Vance & Co., contractors, Aberdeen, S. D.  
 Eastwood, Benj., Co., broad looms, & machsts. & fndrs., Paterson, N. J.  
 Eastwood Chemical Co., Belleville, N. J.  
 Eastwood-Park Co., silver nov., 102 Murray, Newark, N. J.  
 Eastwood Wire Mfg. Co., wire mfrs., Belleville, N. J.  
 Easum Bros., brick, Colfax, Wash.  
 Easy Fastener Co., Atlanta, Ga.  
 Eaton, A. A., architect, Ottumwa, Ia.  
 Eaton & Brownell, architects, Smith Bldg., Watertown, N. Y.  
 Eaton Builders' Supply Co., Niles, Ohio.  
 Eaton Canning Co., Eaton, Ohio.  
 Eaton-Chase Co., mill & facty. supplies & whol. hdwe., Norwich, Conn.  
 Eaton-Dikeman Co., paper & pulp mills, Lee, Mass.  
 Eaton & Glover Co., machsts., Sayre, Pa.  
 Eaton, H. B., & Co., machsts.' tools, 144 Pearl, Boston, Mass.  
 Eaton Hardware Co., Brunswick, Me.  
 Eaton, Harry H., machinist, Jennings, La.  
 Eaton, Hy. A., & Son, bobbins, Littleton, N. H.  
 Eaton, J. C., & Co., brooms, cornices & skylights, Lyndonville, Vt.  
 Eaton, Jas. B., lbr., Bluffton, Ind.  
 Eaton, John A., machy. dlrs., Bridgeport, Conn.  
 Eaton Laboratories, chemists, 340 Sansome, San Fran., Cal.  
 Eaton Mach. Wks., 37 S. Scioto, Columbus, Ohio.  
 Eaton, Rhodes & Co., pig iron & coke dlrs., 1st Nat. Bank Bldg., Cincinnati, Ohio.  
 Eaton, Schlaich & Woll, hair, bristles, 97 Maiden la, New York.  
 Eaton & Smith, contractors, 715 Ocean, San Francisco, Cal.  
 Eaton, W. J., lbr. mfrs., Albany, N. Y.  
 Eaton, W. K., Lumber Co., Lockwood, Mo.  
 Eaton & Wilson, mill & facty. supplies, New London, Conn.  
 Eatonton Oil & Fertilizer Co., Eatonton, Ga.  
 Eatonville Lumber Co., Eatonville, Wash.  
 Eau Claire Bedding Co., Eau Claire, Wis.  
 Eau Claire Book & Stationery Co., Eau Claire, Wis.  
 Eau Claire Cornice & Htg. Co., Eau Claire, Wis.  
 Eau Claire Mfg. Co., marine gas & gasoline engines, Eau Claire, Wis.  
 Eau Claire Trunk Co., Eau Claire, Wis.  
 Evanson, J., & Sons, soap, Camden, N. J., & Philadelphia, Pa.  
 Eavey Packing Co., canned goods, Xenia, Ohio.  
 Ebbecke, M. C., Hardware Co., Allentown, Pa.  
 Ebe Lumber & Shingle Co., Elbe, Wash.  
 Ebel Co., brass castings, Canton, Ohio.  
 Ebeling, Arthur H., architect, Security Bldg., Davenport, Ia.  
 Ebenreiter Lbr. Co., masons' & bldrs.' matls., Sheboygan, Wis.  
 Ebensburg Foundry & Mach. Co., Ebensburg, Pa.  
 Eberbach & Son Co., refractometers, Ann Arbor, Mich.  
 Eberhard, Geo., metal spinning, 9 Calander, Providence, R. I.



- Eberhard Mfg. Co., saddlery hdwe. & spec. mfrs., Cleveland, O.  
 Eberhard & Splater, cooperage stock, Troy, Ind.  
 Eberhardt & Co., contrs. tents, Indianapolis, Ind.  
 Eberhardt, Henry W., architect, Collinsville, Ill.  
 Eberhardt, Hugo, & Co., leaded glass, etc., 2411 W. 16th, Chicago, Ill.  
 Eberhardt Lumber Co., Salina, Kan.  
 Eberhardt & Podgur, contractors, 505 5th av, New York.  
 Eberhart, M., & Son Co., mill & facty. supplies, 1462 1st av, New York.  
 Eberle Cornice Co., 4014 Laclede av, St. Louis, Mo.  
 Eberle, Jos. J., architect, 489 5th av, New York.  
 Eberlee, T. J., cornices, Cattaraugus, N. Y.  
 Eberlin, Christ, & Son, cornices & skylights, Hermann, Mo.  
 Eberling Machy. Co., 1319 Williamson Bldg., Cleveland, Ohio.  
 Eberly, D. L., Pottery Co., Strasburg, Va.  
 Eberly & Orris Mfg. Co., wagon & carriage materials, Mechanicsburg, Pa.  
 Eberly, Wilber A., Wheel Wks., York, Pa.  
 Ebersson, Lindsey, Paint Co., 1832 Morgan, St. Louis, Mo.  
 Ebert, Geo. W., Co., glass, Salt Lake City, Utah.  
 Ebert, Norris, cement importers, 119 S. 4th, Philadelphia, Pa.  
 Eberts Bros. Co., masons' & bldrs.' matls., Wyandotte, Mich.  
 Ebinger, D. A., Sanitary Mfg. Co., sanitary earthenware, 181 Lucas, Columbus, Ohio.  
 Eble, Chas., cornices, 1907 Vine, Cincinnati, Ohio.  
 Ebling, John D., stone, Myerstown, Pa.  
 Ebstein Bros., twist drills, 127 Duane, New York.  
 Eby, Amos, & Co., fertilizer mfrs., Leaman Place, Pa.  
 Eby, F. B., Handle Co., 12th & Stanley, Detroit, Mich.  
 Eby Machinery Co., 35 Main, San Francisco, Cal.  
 Eccles, John L., Co., hgt. contrs., 117 Mercer, New York.  
 Eccles Lumber Co., Ogden, Utah.  
 Eccles, Richard, Co., carriage hardware, etc., Auburn, N. Y.  
 Eccles & Smith Co., machinery, 71st, San Francisco, Cal.  
 Eccleston, Chas. P., contractor, Westerly, R. I.  
 Eccleston, F. B., machst. & fndr., Neb. City, Neb.  
 Eccleston Machy. Co., ball mills, Los Angeles, Cal.  
 Echota Cotton Mills, Calhoun, Ga.  
 Eck Dynamo & Motor Co., mfrs., Belleville, N. J.  
*See adv index at end of book.*  
 Eckart, Fred, Packing Co., meat packers, Ft. Wayne, Ind.  
 Eckart Plumbing & Heating Co., Seattle, Wash.  
 Eckbold's, Wm., Sons, machy. dealers, Aramingo & Girard av, Philadelphia, Pa.  
 Eckel & Aldrich, architects, Corby-Forsee Bldg., St. Joseph, Mo.  
 Eckel Hydrostat Co., regulators, 458 Mt. Elliott av, Detroit, Mich.  
 Eckel, Louis P., architect, 191 York, Buffalo, N. Y.  
 Eckels-Nye Steel Co., rolling mills, high carbon steel & steel bars, Syracuse, N. Y.  
 Eckenrode Bros., contractors, Wilkes-Barre, Pa.  
 Eckenrode, Chas. E., carriages, 18 N. Carrollton, Baltimore, Md.  
 Eckenroth, F., & Son, lbr., 921 E. 5th, New York.  
 Eckerman, Oscar A., architect, Moline, Ill.  
 Eckerson Bedding Co., Mechanicville, N. Y.  
 Eckert, John A., packing box mfrs., 214 Pearl, New York, & 54 Hopkins, Brooklyn, N. Y.  
 Eckert Knitting Co., 923 20th av, N., Minneapolis, Minn.  
 Eckerts, John, Sons, cornices & skylights, Madison, Ind.  
 Eckhardt Mfg. Co., agricultural implements, 2300 University av, W., St. Paul, Minn.  
 Eckhardt Monumental Co., Toledo, Ohio.  
 Eckhart Carriage Co., Auburn, Ind.  
 Eckhart, Chris., filter presses, 1237 W. 6th, Cincinnati, Ohio.  
 Eckiff Automatic Boiler Circulation Co., 48 Shelby, Detroit, Mich.  
 Eckland, Fugard & Knapp, architects, 111 W. Monroe, Chicago, & Moline, Ill.  
 Eckler, Henry, Mfg. Co., masons' & bldrs.' matls., & contrs., South Bend, Ind.  
 Eckles, W. G., architect, New Castle, Pa.  
 Ecklund, Fugard & Knapp, architects, Sterling, Ill.  
 Eckman, Chas. H., architect, Marshalltown, Ia.  
 Eckman Furniture Co., desk mfrs., Jamestown, N. Y.  
 Eckstorm, Christian A., architect, 5 N. La Salle, Chicago, Ill.  
 Eclair Film Co., 18 E. 41st, New York.  
 Eclipse Air Brush Co., 77 Orange, Newark, N. J.  
 Eclipse Cement & Blacking Co., metal polish, 1240 Belmont av, Philadelphia, Pa.  
 Eclipse Co., bars, hangers, etc., North Girard, Pa.  
 Eclipse Fireproof Sash & Door Co., 273 Russell, B'klyn, N. Y.  
 Eclipse Folding Mach. Co., hand vacuum cleaners & paper folding machines, Sidney, Ohio.  
 Eclipse Fuel Engineering Co., 100 Forbes, Rockford, Ill.  
 Eclipse Gas Stove Co., S. Main, Rockford, Ill.  
 Eclipse Lawn Mower Co., Prophetstown, Ill.  
 Eclipse Light Co., 583 B'way, New York.  
 Eclipse Machine Co., auto steering gears, etc., Elmira, N. Y.  
 Eclipse Machine Tool Co., 7 Sherman, Charlestown, Mass.  
 Eclipse Mfg. Co., automobile accessories, spark plugs, etc., Indianapolis, Ind.  
 Eclipse Mfg. Co., bolt and screw cases, Wellston, Ohio.  
 Eclipse Mfg. Co., revolving chairs, York, Pa.  
 Eclipse Metal Mfg. Co., stove pipe mfrs., Eden, N. Y.  
 Eclipse Mill Co., lumber, Everett, Wash.  
 Eclipse Paint & Mfg. Co., Citizens' Bldg., Cleveland, Ohio.  
 Eclipse Pulley Covering Co., 2028 W. Lake, Chicago, Ill.  
 Eclipse Railway Supply Co., car fenders and wheel guards, E. 49th & Luther, Cleveland, Ohio.  
 Eclipse Sign & Advertising Co., Reading, Pa.  
 Eclipse Stove Co., Mansfield, Ohio.  
 Eclipse Tanning Co., 119 Sussex av, Newark, N. J.  
 Eclipse Wall Plaster Co., masons' & bldrs.' matl., Waynesboro, Pa.  
 Eclipse Wood Pulley Co., Berlin, Pa.  
 Eco Magneto Clock Co., 197 Congress, Boston, Mass.  
 Eco Mfg. Co., piston rings, Exchange Bldg., Boston, Mass.  
 Ecob, Robt. Gilbert, architect, 299 Madison av, New York.  
 Economic Machinery Co., labeling machy., Worcester, Mass.  
 Economic Perculator Co., 265 Broadway, New York.  
 Economical Elec. Lamp Wks. of G. E. Co., 25 Broadway, New York.  
 Economy Baler Co., machsts., Ann Arbor, Mich.  
 Economy Boiler Compound Co., Flatiron Bldg., New York.  
 Economy Box & Pie Plate Co., paper dishes, plates, etc., Marion, Ind.  
 Economy Building Co., 23 E. 15th, Cincinnati, Ohio.  
 Economy Construction Co., 318 W. 10th, Kansas City, Mo.  
 Economy Distilling Co., whiskey, Manufacturers' Bldg., Pittsburgh, Pa.  
 Economy Drawing Table Co., Nasby Bldg., Toledo, Ohio.  
 Economy Elec. Co., sadirons, 211 Fulton, Brooklyn, N. Y.  
 Economy Elec. Wks. of G. E. Co., Warren, Ohio.  
 Economy Elec'l Spec. Co., conduit benders & junction boxes, 2857 S. Halsted, Chicago, Ill.  
 Economy Eng'n'g Co., portable elevators & tiering mach., 415 So. Washtenaw av, Chicago, Ill.  
 Economy Eng'n'g Co., electric hoists, Willoughby, Ohio.  
 Economy Excavator Co., machines, Iowa Falls, Ia.  
 Economy Fuse & Mfg. Co., Kinzie & Orleans, Chicago, Ill.  
 Economy Gas Lamp Co., 213 Goodrich, Kansas City, Mo.  
 Economy Gas Mach. Co., Rochester, N. Y.  
 Economy Glove Co., Ft. Wayne, Ind.  
 Economy Heater Co., automatic water heaters and boilers, gas heating, 108 So. La Salle, Chicago, Ill.  
 Economy Iron Works, feed water purifiers, Chester, Pa.  
 Economy Lubrg. Co., 655 Main, Boston, Mass.  
 Economy Machinery Co., dealers, 428 E. Pearl, Cincinnati, Ohio.  
 Economy Mfg. Co., tool chests, 508 Commerce, Philadelphia, Pa.  
 Economy Metal Edge Box Co., 500 S. Peoria, Chicago, Ill.  
 Economy Motor Co., automobile builders, Tiffin, Ohio.  
 Economy Oil Co., 13th & Clinton, Chicago, Ill.  
 Economy Pottery Co., Trenton, N. J.  
 Economy Pumping Mach'y Co., 116 N. Carpenter, Chicago, Ill.  
 Economy Separable Switch Point Co., Louisville, Ky.  
 Economy Silo & Mfg. Co., Frederick, Md.  
 Economy Stay Co., handles, bags, Jefferson City, Mo.  
 Economy Stove Co., Cleveland, Ohio.  
 Economy Switchbox & Mfg. Co., Cleveland, Ohio.  
 Economy Toggle Co., 21 Storer, Boston, Mass.  
 Economy Tumbler Co., glass, Morgantown, W. Va.  
 Economy Welding Mach. Co., Kansas City, Mo.  
 Ecorse Fdry. & Mach. Co., Ecorse, Mich.  
 E. C. Sales Co., auto. tire holders, 140 W. Van Buren, Chicago, Ill.  
 Edbrooke, H. W. J., architect, Opera House blk., Denver, Colo.  
 Eddleman, Wm. H., & Sons, contractors, 453 Green La Rox, Philadelphia, Pa.  
 Eddy Brass Fndry. & Mach. Co., 301 N. Halsted, Chicago, Ill.  
 Eddy Bros. & Co., lbr. mfrs., Bay City, Mich.  
 Eddy, C. F., Co., masons' & bldrs.' matls., West Newton, Mass.  
 Eddy, C. K., & Sons, lbr. mfrs., Saginaw, Mich.  
 Eddy Co., razor strops, Worcester, Mass.  
 Eddy, D., & Sons Co., refrigerators, 326 Adams, Boston, Mass.  
 Eddy & Eddy, starch, Main & Market, St. Louis, Mo.  
 Eddy Eng'n'g Co., Alpena, Mich.  
 Eddy, F. W., contractor, Wilkes-Barre, Pa.  
 Eddy, Geo. M., Co., measuring tapes, 351 Classon av, Brooklyn, N. Y.  
 Eddy Paper Co., Three Rivers, Mich.  
 Eddy, R. M., Fndry Co., 372 W. Grand av, Chicago, Ill.  
 Eddy Valve Co., fire hydrants, valves, etc., Waterford, N. Y.  
 Eddy, W., Plow Co., Greenwich, N. Y.  
 Eddy's, Titus, Son., lamp black mfr., Troy, N. Y.  
 Eddystone Mfg. Co., machsts. & fndrs., Eddystone, Pa.  
 Ede, G. A., machsts. & fdrs., Cobden, Ill.  
 Edelman & Barnett, architects, Black Bldg., Los Angeles, Cal.  
 Edelmans, E., & Co., automobile accessories mfrs., 341-369 E. Ohio, Chicago, Ill.  
 Edelmeyer & Morgan Hod Elevator Co., 333 W. 49th, New York.  
 Edelstein, Carl, scrap brass, 279 Front, New York.  
 Eden, John, contractor, Attleboro, Mass.  
 Ederer, R. J., Co., cotton rope, fish nets, etc., 317 N. Mich. av, Chicago, Ill.  
 Ederer, R. J., Thread Co., Elizabeth & Unity, Philadelphia, Pa.  
 Edes Mfg. Co., battery coppers, plates & zinc rods, Plymouth, Mass.  
 Edgar Bros. Co., clay, miners & shippers, Metuchen, N. J.  
 Edgar & Campbell, cornices & skylights, Seattle, Wash.  
 Edgar Canning Co., Edgar, Nebr.



- Edgar, Chas. S., masons' & bldrs.' matls., Metuchen, N. J.  
 Edgar Lumber Co., Wesson, Ark.  
 Edgar Mfg. Co., nutmeg graters, Reading, Mass.  
 Edgar Plastic Kaolin Co., Metuchen, N. J.  
 Edgar Steel Seal & Mfg. Co., Lawrence, Kans.  
 Edgar Zinc Co., Security Bldg., St. Louis, Mo.  
 Edge & Brethour, sash, door & blind mfrs., Grand Rapids, Mich.  
 Edge & Edwards Machy. Co., filing machines, Newark, N. J.  
 Edge, Frank, & Co., machsts., Grand Rapids, Mich.  
 Edge Hill Silica Rock Co., cupola linings or blocks, New Brunswick, N. J.  
 Edge Moor Iron Co., Edge Moor, Del.  
 Edgecomb, W. H., & Sons, lumber, Knoxville, Pa.  
 Edgecombe Co., pipe joint compound, Cuyahoga Falls, Ohio.  
 Edgecombe, J. C., & Co., packing mfrs., 149 Broadway, New York.  
 Edgemont Machine Co., friction clutches, etc., Dayton, Ohio.  
 Edgerton Mfg. Co., coal baskets, Plymouth, Ind.  
 Edgerton, William S., architect, 234 Lark, Albany, N. Y.  
 Edgett-Burnham Co., canned goods, Newark, N. Y.  
 Edgett & Ellis Co., lumber, Somerset, Ky.  
 Edgett & Patterson, contractors, Carbondale, Pa.  
 Edgewood Dist. Co., 417 Elm, Cincinnati, Ohio.  
 Edgeworth, Jas. J., stone, 2701 Stewart av, Chicago, Ill.  
 Edginton, Walter, pearl buttons, 210 Vine, Philadelphia, Pa.  
 Edible Products Co., coconut oil, 120 Broadway, New York.  
 Edinburg Milling Co., flour, Edinburg, Va.  
 Edinger, Ed. Co., contractors & stone producers, Cedar Rapids, Ia.  
 Edington Bros., cornices & skylights, Harriman, Tenn.  
 Edison, J. D., fertilizer mfrs., Johnston, S. C.  
 Edison Lamp Wks. of G. E. Co., x-ray app., Sussex, Harrison, N. J.  
 Edison Phonograph Wks., machsts., Orange, N. J.  
 Edison Portland Cement Co., Stewartsville, N. J.  
 Edison Storage Battery Co., Orange, N. J.  
 Edison, Thos. A., machsts., Orange, N. J.  
 Edisto Kaolin Co., 154 Nassau, New York.  
 Edlin, S. H., & Co., machsts., Indianapolis, Ind.  
 Edmonds, Arthur B., Co., mill & facty. supplies, Slater av, Pawtucket, R. I.  
 Edmonds, Walter S., elec. light baths, 134 Congress, Boston, Mass.  
 Edmonds Elev. Co., 519 Champlain av, N. W., Cleveland, Ohio.  
 Edmonds, F. E., cornices, Springfield, Ill.  
 Edmonds, J., metal polish, 212 West, New York.  
 Edmonds, Thos. C., & Co., plate glass, 1826 Park av, New York.  
 Edmonds, W. A., & Co., brass castings, Norfolk, Va.  
 Edmondson, R. Q., & Bro., fertilizer mfrs., Eufaula, Ala.  
 Edmonston, Sam'l H., Co., contractors, 611 G, N. W., Washington, D. C.  
 Edmunds, Franklin D., architect, Real Est. Tr. Bldg., Phila., Pa.  
 Edmunds, Jas. R., Jr., architect, 12 E. Read, Baltimore, Md.  
 Edmunds & Jones Corp., auto. lamps & whistles, 436 Lawton, Detroit, Mich.  
 Edmunds Mfg. Co., interior hardwood wk., 1220 S. Robey, Chicago, Ill.  
 Edmunds, W. C., & Son, whol. hdwe., 112 S. Howard, Baltimore, Md.  
 Edna Brass Mfg. Co., 529 Reading rd, Cincinnati, Ohio.  
 Edna Cotton Mills, Reidsville, N. C.  
 Edson, Gilbert, architect, Connell Bldg., Scranton, Pa.  
 Edson Mfg. Co., diaphragm pumps, marine steering gears & bottle filling machines, mfrs., 257 Atlantic av, Boston, Mass.  
 Edson, Starks, paint mrf., Saxton's River, Vt.  
 Edson, Wyman L., agricultural implts., creamery testers, etc., Union Center, N. Y.  
 Edstrand & Olson, plating wks., 159 N. Jefferson, Chicago, Ill.  
 Edtbauer, E., automatic weighing machs., 817 Washington blvd., Chicago, Ill.  
 Educational Film Corp., wood fillers, 729 7th av, New York.  
 Edward Bros., sea green rfg. slate, Granville, N. Y.  
 Edward Slate Co., blackboards, Granville, N. Y.  
 Edward Valve & Mfg. Co., 343 S. Dearborn, Chicago, Ill.  
 Edwards, B. V., & Co., machinists, 45 Austin, Newark, N. J.  
 Edwards, B. W., & Sons, lumber mfrs., 17 S. Gay, Baltimore, Md.  
 Edwards Bros., sealing wax, Milton, Mass.  
 Edwards, C. D., agricultural implements, Albert Lea, Minn.  
 Edwards, C. J., Co., masons' & bldrs.' matls., Vicksburg, Miss.  
 Edwards & Chamberlain Hardware Co., whol. hdwe., Kalamazoo, Mich.  
 Edwards, Chas., architect, 129 Market, Paterson, N. J.  
 Edwards & Co., machinists, Exterior & 140th, New York.  
 Edwards & Co., masons' & bldrs.' matls., Kingston, Pa.  
 Edwards Construction Co., Tampa, Fla.  
 Edwards, E. A., & Co., stone producers, Denver, Colo.  
 Edwards, E. L. Lbr. Co., Dayton, Ohio.  
 Edwards, Edwd. T., iron & steel trolley mills, Columbia, Pa.  
 Edwards & Edwards, scythe snaths, Waterbury, Vt.  
 Edwards Folding Box Co., 27 N. 6th, Philadelphia, Pa.  
 Edwards, G. B., Lumber Co., Bessemer, Ala.  
 Edwards, Geo. B., cornices, Mendota, Ill.  
 Edwards, H. B., masons' & bldrs.' matls., Titusville, Pa.  
 Edwards, H. D., & Co., mill, facty. & steam fitters' supplies, 18 Woodward, Detroit, Mich.  
 Edwards Instrument Co., 966½ Ft. Wayne av, Indianapolis, Ind.  
 Edwards, J. R., & Co., contractors, Pottsville, Pa.  
 Edwards, Jas., pearl buttons, Newark, N. J.  
 Edwards, John H., stone, 5837 Justine, Chicago, Ill.  
 Edwards, Jos. & Co., steam pumps, 829 E. 9th, New York.  
 Edwards, L. T., consulting htg. engineers, 18th & 7th, Phila., Pa.  
 Edwards Lighting Fixture Co., 65 E. Lake, Chicago, Ill.  
 Edwards Mfg. Co., cotton sheetings, Augusta, Me.  
 Edwards Mfg. Co., machinists & founders, Laceyville, Pa.  
 Edwards Mfg. Co., metal ceilings, shingle, tile, etc., 545-565 Eggleston av, Cincinnati, Ohio. *See adv index at end of book.*  
 Edwards Mfg. Co., washing machs., Honey Creek, Ind.  
 Edwards Mills, cotton twine, Crawford, Ga.  
 Edwards & Monohan Co., contractors, 6 Beacon, Boston, Mass.  
 Edwards & Norberg, architects, Phelan Bldg., San Francisco, Cal.  
 Edwards, O. D., masons' & bldrs.' matls., Ithaca, N. Y.  
 Edwards, O. M., Co., filing cabinets & railway sash fixtures, Syracuse, N. Y.  
 Edwards, R. M., cornices, Los Angeles, Cal.  
 Edwards, Robert C., architect, 6 Hillside rd, Elizabeth, N. J.  
 Edwards, S. E., architects, Sheidley Bldg., Kansas City, Mo.  
 Edwards & Sayward, architects, Candler Bldg., Atlanta, Ga.  
 Edwards Vitrified Brick Co., sewer pipe, Albion, Ill.  
 Edwards, W. F., & Co., contractors, Orange, N. J.  
 Edwards, W. G., machinist, Plainview, Minn.  
 Edwards, W. Harry, architect, Boston Bldg., Denver, Colo.  
 Edwards, W. J., architect, Grand Forks, N. D.  
 Edwards & Walker Co., whol. hdwe., mill & facty. supplies, Monument sq., Portland, Me.  
 Edwards, Wm., contractor, Ridgway, Pa.  
 Edwardsville Bras Co., machsts. & fndrs., Edwardsville, Ill.  
 Edwins & Edwins, architects, N. W. Bldg., Minneapolis, Minn.  
 Eells & Mott Co., carriage & wholesale hdwe., Oneida, N. Y.  
 Eely, Fred H., architect, Lyceum Bldg., Memphis, Tenn.  
 Effbee Co., manicure sets, 512 S. 5th av, Chicago, Ill.  
 Efferding, T. G., contractor, Dubuque, Ia.  
 Effert & Gerisch, stone producers, West New York, N. J.  
 Efficiency Oil Corp, 1716 B'way, New York.  
 Efficiency Oil Corp., Kingshighway & Manchester, St. Louis, Mo.  
 Efficient Service Co., engineers, draftsmen, etc., employment agency, 358 E. 60th, Chicago, Ill.  
 Efland Milling Co., flour, Efland, N. C.  
 Efron, Jacob, steam fitters' supplies, 233 Broome, New York.  
 Egan Cement Paving & Constr. Co., 490 S. 13th, Newark, N. J.  
 Egan & Co., contractors, 133 W. Washington, Chicago, Ill.  
 Egan, Seth S., machst., Lebanon, Ind.  
 Egan, Thos., contractor, New Orleans, La.  
 Egan, Thos. J., contractor, 1721 Bluff, Pittsburgh, Pa.  
 Egan, Thos. P., contractor, Coptan Bldg., Cleveland, Ohio.  
 Egan Waste Co., 19 Burling, New York.  
 Egan, Wm. H., contractor, Lexington av & 125th, New York.  
 Egbers, Geo. H., & Bro., iron, 228 E. 7th, Cincinnati, Ohio.  
 Egbert, W. V., & Co., plumbers' supplies—jobbers, 35 Mechanic, Newark, N. J.  
 Egdorf, John, stone, 1227 Otto, Chicago, Ill.  
 Egg Harbor Brick Mfg. Co., Egg Harbor City, N. J.  
 Eggan, Fred J., mill & facty. supplies, Ishpeming, Mich.  
 Eggers, Aug., wholesale hdwe., 97 Warren, New York.  
 Eggers, Chas. F., & Co., contractors, Uniontown, Pa.  
 Eggers, Fred, Veneer Seating Co., Two Rivers, Wis.  
 Eggers & Heinlein, crude rubber, 59 Pearl, New York.  
 Eggers, Jno., Iron Wks., 219 N. Elizabeth, Chicago, Ill.  
 Eggers Milling Co., flour, Hermann, Mo.  
 Eggers-O'Flynn Co., boxes, trunks, Omaha, Neb.  
 Eggers, Wm. J., & Sons, rubber molds, 294 Taaffe pl, Brooklyn, N. Y.  
 Eggert, Chas., masons' & bldrs.' matls., North Milwaukee, Wis.  
 Eggert, G. S., lbr. mfrs., Getchell, Wash.  
 Egginton, O. F., Co., cut glassware, Corning, N. Y.  
 Eggle Bros., Mfg. Co., china kilns, 169 Sylvester, Detroit, Mich.  
 Egly Register Co., Dayton, Ohio.  
 Egypt Canning Co., Fairport, N. Y.  
 Egyptian Chemical Co., disinfectants, 255 Atlantic av, Boston, Mass.  
 Egyptian Lacquer Mfg. Co., buffing compositions, Rahway, N. J.  
 Egyptian Powder Co., East Alton, Ill.  
 Ehler Hardware Co., 209 3d, Milwaukee, Wis.  
 Ehlers, A., architect, Carthage, Mo.  
 Ehlers, Geo. C., architect, 721 3d, Milwaukee, Wis.  
 Ehlers, Robt. J., Co., refrigerators, furniture, 125 E. 46th, New York.  
 Ehlers, Wm. H., architect, Catonsville, Md.  
 Ehrlert Hdwe. Co., 209 3d, Milwaukee, Wis.  
 Ehrlert, W. G., contractor, 1360 7th, E., Salt Lake City, Utah.  
 Ehmann Olive Co., canned, Oroville, Cal.  
 Ehrensperger, H., machsts. & fndrs., Cullman, Ala.  
 Ehret Magnesia Mfg. Co., Land Title Bldg., Philadelphia, Pa.  
 Ehret Roofing & Mfg. Co., Drexel Bldg., Phila., Pa.  
 Ehrhard Mfg. Co., carriages, St. Charles, Mo.  
 Ehrhardt, C. & Son, lbr., Ehrhardt, S. C.  
 Ehrhart, Louis, & Son, sash, door & blind mfrs., 2415 Fullerton av, Chicago, Ill.  
 Ehrlich, A. B., & Co., scrap iron, Springfield, Mass.  
 Ehrlich, Mrs. F., knitted gloves, 1211 Arch, Philadelphia, Pa.  
 Ehrlich, H., & Sons Mfg. Co., bk. fixtures, lumber, St. Joseph, Mo.  
 Ehrman Mfg. Co., advertising novelties & specialties, Milford, N. H.  
 Ehrman Mfg. Co., celluloid signs, 185 Devonshire, Boston, Mass.



- Ehrmann & Co., meat packers, Terre Haute, Ind.  
 Ehrmann, Ludwig, color mfrs. & imprs., 288 Bowery, New York.  
 Ehram, Fritz., architect, 922 Franklin, Reading, Pa.  
 Ehram, J. B., & Sons Mfg. Co., mill & facty. supplies, Enterprise, Kans.  
 Eich, Geo. B., architect, 39 S. State, Chicago, Ill.  
 Eichberg & Lang, cornices, Memphis, Tenn.  
 Eichberg S., Milton, architect, 64 W. Randolph, Chicago, Ill.  
 Eichel, Jas., machsts., 381 Broome, New York.  
 Eichelberger's, T. D., Sons, masons' & bldrs.' matls., Dayton, O.  
 Eichenbusch, J. W., & Bro., bags & suit cases, 9 W. Kinzie, Chicago, Ill.  
 Eichenfeld, Daniel, architect, Tulsa, Okla.  
 Eichholtz, Geo. W., & Son, lbr. mfrs., Indianapolis, Ind.  
 Eichhorn, Augustus, architect, 81 Essex, Orange, N. J.  
 Eicheley, John, Jr., Co., contractors, Pittsburgh, Pa.  
 Eichman, J. C., Mfg. Co., plumbers' supplies, mfrs., Balto., Md.  
 Eichmann, Robt. W., contractor, 234 Summit av, Jersey City, N. J.  
 Eichorn, Mrs. Ludwig, cornices, New Orleans, La.  
 Eickoff, O. S., architect, Spring Valley, N. Y.  
 Eid, L., Concrete Steel Co., 1206 Liberty, Cincinnati, Ohio.  
 Eidlitz, Marc, & Son, contractors, 30 E. 42d, New York.  
 Eidlitz & Ross, steel structural wk., 110 W. 40th, New York.  
 Eidt, Julius, cornices & skylights, Sioux City, Ia.  
 Eielson, A., lbr. mfrs., Springfield, Ill.  
 Eifert, Hy. F., auto. & furn. binding, 42 Union sq., New York.  
 Eifert, Paul, auto. trunks, Grand Rapids, Mich.  
 Eifert & Stochr, organs, 920 2d av, Long Island City, N. Y.  
 Eifer, Chris., organs, Darby, Pa.  
 Eilers, Henry, contractor, Burlington, Ia.  
 Elmer & Amend, chemicals, chemical apparatus, etc., 205 3d av, New York.  
 Einsiedel, Julius, brick, Egg Harbor City, N. J.  
 Einsweller, C. W., masons' & bldrs.' matls., Utica, Ohio.  
 Eisaman & Richer, lumber, Peru, Ind.  
 Eisbach, Peter, contractor, Dubuque, Ia.  
 Eiseman, G. Chas., cornices, Houston, Tex.  
 Eisemann, Ed., cornices & skylights, Houston, Tex.  
 Eisen & Son, architects, Wilcox Bldg., Los Angeles, Cal.  
 Eisenberg Bros., arch'l iron, 438 E. 10th, New York.  
 Eisenberg, S., architect, Chelsea, Mass.  
 Eisenbrandt, F. B., machinist, ft. of Light, Baltimore, Md.  
 Eisendrath Glove Co., leather gloves, Armitage & Elston, Chicago, Ill.  
 Eisendrath, Simon B., architect, 500 5th av, New York.  
 Eisenla, Frederic W., architect, 186 Remsen, Brooklyn, N. Y.  
 Eisenmann, John, architect, The Arcade, Cleveland, Ohio.  
 Eisenmann, M., & Son, fireplace furnishings, mfrs., 165 Grand, New York.  
 Eisenmann, S. J., ironing boards, 369 B'way, New York.  
 Eisenmayer Milling Co., flour, Springfield, Mo.  
 Eisenmenger, L., Meat Co., St. Paul, Minn.  
 Eisenstadt, Wm., soap, 1615 W. 42d, Chicago, Ill.  
 Eisenstark & Lipshitz, advtg. nov., 297 Mercer, New York.  
 Eisermann, W., scrap rubber, 127 Duane, New York.  
 Eisinger, L. W., architect, 52 Vanderbilt av, New York.  
 Eisler, Anthony & Co., paper clips, gummed labels, tags, tickets, etc., 227 Canal, New York.  
 Eisler Mfg. Co., machinists, Rochester, N. Y.  
 Eisner Bros. & Birenberg, archl. iron, 652 E. 12th, New York.  
 Eissler, J. Fred, carriages, Fostoria, Ohio.  
 Eiswerth Co., sash, door & blind, Williamsport, Pa.  
 Eitel, H. G., masons' & bldrs.' matls., Elberton, Wash.  
 Eizner & Anderson, architects, Ingalls Bldg., Cincinnati, Ohio.  
 Ekle, A. R., stone producers, Mankato, Minn.  
 Ekroth Piano Co., Rockford, Ill.  
 Ekstrand, Oscar, & Co., contractors, Evanston, Ill.  
 Ela, M. T., lbr., Warner, N. H.  
 Elaborated Ready Roofing Co., 4417 Wentworth av, Chicago, Ill.  
 Elam, Thos., & Son, contractors, 180 Jessie, San Francisco, Cal.  
 Elastic Tip Co., small molded rubber goods, mfrs., 370 Atlantic av, Boston, Mass.  
 Elaterite Paint & Mfg. Co., Des Moines, Ia.  
 Elba Fertilizer Wks., Elba, Ala.  
 Elba Mfg. Co., cottonseed meal, Charlotte, N. C.  
 Elba Products Co., canned goods, Batavia, N. Y.  
 Elbel Co., machinists & founders, Canton, Ohio.  
 Elbert & Co., oil importers, 71 Wall, New York.  
 Elbert County Fertilizer Co., Elberton, Ga.  
 Elberton Brick Co., Elberton, Ga.  
 Elberton Granite Corp., Elberton, Ga.  
 Elberton Guano Co., Elberton, Ga.  
 Elberton Machine Works, Elberton, Ga.  
 Elberton Oil Mills, Atlanta, Ga.  
 Elblight Co. of Am., lamps, etc., 133 W. 24th, New York.  
 Elboeuf Knitting Co., bathing suit mfrs., Utica, N. Y.  
 Elcessor, Andrew, tubular boilers, Marietta, Ohio.  
 Elco Co., ship builders, Bayonne, N. J.  
 Elcock & Sons, granite, W. Quincy, Quincy, Mass.  
 El Comercio, trade publication, 114 Liberty, New York.  
 Elden, T. G., bolt, nut & rivet mfr., 115 Sycamore, Cincinnati, O.  
 Elder-Conroy Hardware Co., Clarksville, Tenn.  
 Elder, Hiram, architect, Marion, Ind.  
 Elder, J. E., Hardware Co., Clarksville, Tenn.  
 Elder, Jas., cordage mfrs., 230 W. Coulter, Germantown, Philadelphia, Pa.  
 Elder Mercantile Co., cornices & skylights, Ottawa, Kan.  
 Elder Paving & Contrg. Co., Montebello av, Baltimore, Md.  
 Elder, Robert L., contractor, 219 N. Delaware, Indianapolis, Ind.  
 Elder, W. F., Lumber Co., Macon, Ga.  
 Elderfield-Hartshorn Hardware Co., Niagara Falls, N. Y.  
 Eldora Pipe & Tile Co., Eldora, Ia.  
 Eldorado Brick Co., Eldorado, Ill.  
 Eldorado Foundry & Mach. Co., Eldorado, Ark.  
 Eldorado Lumber Co., Eldorado, Ark.  
 Eldorado Oil Mill & Fertilizer Co., Eldorado, Ark.  
 El Dorado Oil Works, 433 California, San Francisco, Cal.  
 Eldorado Packing Co., canners, Oak Grove, Del.  
 Eldred, Anson, Co., paper & pulp mills, Stiles, Wis.  
 Eldred Mfg. Co., cigar lighters, 46 W. Kinzie, Chicago, Ill.  
 Eldred Mill Co., flour, Jackson, Mich.  
 Eldred, Williard H., harness mfrs., Battle Creek, Mich.  
 Eldred Window Glass Co., Punxsutawney, Pa.  
 Eldredge Electric Mfg. Co., machinists, Springfield, Mass.  
 Eldredge, Geo. W., architect, Consolidated Realty Bldg., Los Angeles, Cal.  
 Eldridge Bros., sash, door & blind mfrs., Dexter, Me.  
 Eldridge, C. W., architect, Cutler Bldg., Rochester, N. Y.  
 Eldridge, Geo. G., machinist & founder, Des Moines, Ia.  
 Eldridge Mfg. Co., automobile bldrs., 140 Stuart, Boston, Mass.  
 Eldridge, T. H., fertilizer mfrs., Norwich, Conn.  
 Eldridge, Wm. K., architect, Board of Trade Bldg., Indianapolis, Ind.  
 Eldt, Geo. M., soap, Tiffin, Ohio.  
 Electra Lightning Rod Co., Cresco, Ia.  
 Electrene Co., fire extinguishers, 17 Battery pl, New York.  
 Elec. Accumulator Co., rectifiers, 811 Penna., Pittsburgh, Pa.  
 Elec. Apparatus Co., mail boxes, 127 S. Green, Chicago, Ill.  
 Elec. Appliance Co., Burlington, Kan.  
 Elec. Appliance Co., car bells, 701 W. Jackson blvd., Chicago, Ill.  
 Elec. Auto-Lite Co., Chestnut & Champlain, Toledo, Ohio.  
 Elec. Automatic Appliance Co., fire alarms, 1749 Arapahoe, Denver, Colo.  
 Elec. Blower Co., electric forge blowers, electric blowers & exhausters & electric ventilating fans, mfrs., 352 Atlantic av, Boston, Mass.  
 Elec. Boat Co., Groton, Conn.  
 Elec. Boiler Co., Rochester, N. Y.  
 Elec. Cable Co., insulating compounds & rubber goods, 10 E. 43d, New York.  
 Elec. Carriage Call & Spec. Co., 311 W. 40th, New York.  
 Elec. Carrier Co., 15 Park Row, New York.  
 Elec. City Brick Co., Augusta, Ga.  
 Elec. City Glass Co., 480 Genesee, Buffalo, N. Y.  
 Elec. Cleanser Co., Canton, Ohio.  
 Elec. Compound Co., soap powders, 211 W. 16th, Los Angeles, Cal.  
 Elec. Const. & Machy. Co., Rock Island, Ill.  
 Elec. Construction & Motor Co., Findlay, Ohio.  
 Electric Controller & Mfg. Co., 2698 E. 79th, Cleveland, Ohio.  
*See adv index at end of book.*  
 Elec. Dumbwaiter Co., 116 Morgan, Pittsburgh, Pa.  
 Elec. Economy Co., rectifiers, 1529 Columbus av, Roxbury, Boston, Mass.  
 Elec. Emery Wheel Co., 827 Broad, Newark, N. J.  
 Elec. Engineering Co., 21 N. 6th, Minneapolis, Minn.  
 Elec. Engrs. Equipment Co., 711 Meridian, Chicago, Ill.  
 Elec. Fire Alarm Co., Sheboygan, Wis.  
 Elec. Flasher Co., 80 5th av, New York.  
 Elec. Floor Surfacers Co., 149 W. 36th, New York.  
 Elec. Furnace Co. of America, Alliance Bank Bldg., Alliance, O.  
 Elec. Fuseguard Co., 60 Shipman, Newark, N. J.  
 Elec. & Glass Spec. Wks., Toledo, Ohio.  
 Elec. Goods Mfg. Co., Canton, Mass.  
 Elec. Heat Regulator Co., 2753 4th av, S., Minneapolis, Minn.  
 Elec. Heat Storage Co., 9 Church, New York.  
 Elec. Heating Apparatus Co., electric furnaces, 121 Sussex av, Newark, N. J.  
 Elec. Horn & Spec. Co., Utica, N. Y.  
 Elec. Hose & Rubber Co., 12th & Dure, Wilmington, Del.  
*See adv index at end of book.*  
 Elec. Launch Co., machinists, Bayonne, N. J.  
 Elec. Lustre Starch Co., 26 Central, Boston, Mass.  
 Elec. Mach. Co., corn poppers, New Albany, Ind.  
 Elec. Machinery Co., 14th av & N. E. Tyler, Minneapolis, Minn.  
 Elec. Machy. Sales Co., 327 S. La Salle, Chicago, Ill.  
 Elec. Mfg. Co., auto. supplies, 166 W. 6th, St. Paul, Minn.  
 Elec. Mfg. Co., cooking app., 59 New Montgomery, San Francisco, Cal.  
 Elec. Materials Co., bearings, castings, forgings, etc., North East, Pa.  
 Elec. Novelty Works, 533 Mission, San Francisco, Cal.  
 Elec. Operations Co., machsts. & fndrs., 254 36th, Brooklyn, N. Y.  
 Elec. Panelboard Co., junction boxes, 27 N. Water, Rochester, N. Y.  
 Elec. Porcelain & Mfg. Co., Trenton, N. J.  
 Elec. Products Co., rectifiers, 1067 E. 152d, Cleveland, Ohio.  
 Elec. Railway Equipment Co., 2900 Corman, Cincinnati, Ohio.  
 Elec. Railway Improvement Co., Cleveland, Ohio.  
 Elec. Ry. Journal, 239 W. 39th, New York.  
 Elec. Railway & Mfrs. Supply Co., 36 2d, San Francisco, Cal.  
 Elec. Refining Co., lubricating oils & greases, Toledo, Ohio.



- Elec. Review & Western Electrician, trade publication, 608 S. Dearborn, Chicago, Ill.
- Elec. Rotary Mach. Co., 333 S. Dearborn, Chicago, Ill.
- Elec. Service Co., commutator rings, 212 Walnut, Cincinnati, O.
- Elec. Service Supplies Co., clamps & trailer connectors, 17th & Cambria, Philadelphia, Pa.
- Elec. Smelting & Aluminum Co., Lockport, N. Y.
- Elec. Spark Appliance Co., auto. horns, 140 Imlay, Bklyn., N. Y.
- Elec. Specialties Mfg. Co., cooking app., Benton Harbor, Mich.
- Elec. Specialty Co., condensers, testers, Cresco, Ia.
- Elec. Specialty Mfg. Co., interior tele., Moorhead Bldg., Pittsburgh, Pa.
- Elec. Steel Castings Co., 64th & R. R., Milwaukee, Wis.
- Elec. Steel Co., W. 31st & S. Wood, Chicago, Ill.
- Elec. Steel Co. of Ind., castings, Indianapolis, Ind.
- Elec. Storage Battery Co., 19th & Allegheny av., Phila., Pa.
- Elec. Storage Supply Co., batteries, Somerville, Mass.
- Elec. Supply Co., armature rewinding & commutator refilling, Charleston, S. C.
- Elec. Supply Co., sockets, incandescent lamps, Sioux City, Ia.
- Elec. Supply Co., storage batteries, 727 Superior av., N. E., Cleveland, Ohio.
- Elec. Tachometer Co., Perry Bldg., Philadelphia, Pa.
- Elec. Time & Mfg. Co., clocks, West Lafayette, Ind.
- Elec. Vehicles, trade publications, 53 W. Johnson blvd., Chicago, Ill.
- Elec. Vulcanizer Co., 618 3d av. S., Minneapolis, Minn.
- Elec. Water Sterilizer Co., Scottsdale, Pa.
- Elec. Welding Co., reinforcing materials, Benediun Trees Bldg., Pittsburgh, Pa.
- Elec. Welding Products Co., gear blanks, 2196 Clarkwood rd, Cleveland, Ohio.
- Elec. Wheel Co., metal wheels, cars, carts, etc., Quincy, Ill.
- See adv index at end of book.*
- Elec'l Age, trade publication, 233 B'way, New York.
- Elec'l Alloy Co., nickel steel & wire mfrs., Morristown, N. J.
- Elec'l Appliance Mfg. Co., blind fasteners & oven thermometers, mfrs., Waterbury, Conn.
- Elec'l Const. Supply Co., arc lamp insulators, Springfield, Ohio.
- Elec'l Decorative Flower Co., 140 W. 16th, New York.
- Elec'l Industries Mfg. Co., 328 W. 41st, New York.
- Elec'l Mfg. Co., switchboards, light & power, 112 Hamilton av, Cleveland, Ohio.
- Elec'l Products Corp., elec. illumin. signs, 1112 W. 16th, Los Angeles, Cal.
- Elec'l Record, 116 Liberty, New York.
- Elec'l Repair Co., 548 W. 23d, New York.
- Elec'l Sales Co., fire alarms, elec. bells & horns, 176 Federal, Boston, Mass.
- Elec'l Specialty Mfg. Co., outlet bushings, 49 Beaufort, Providence, R. I.
- Elec'l Testing Co., storage battery charging sets, Peoria, Ill.
- Elec'l Testing Laboratories, 80th & E. End av, New York.
- Elec'l World, trade publication, 239 W. 39th, New York.
- Electro-Ad Co., elec. illuminated signs, Detroit, Mich.
- Electro Bleaching Gas Co., 18 E. 41st, New York.
- Electro Chemical Co., Dayton, Ohio.
- Electro Chemical Engraving Co., advtg. novelties, etched metal signs, etc., 450 19th, Brooklyn, N. Y.
- Electro Dental Mfg. Co., heaters, surgical instruments, etc., 33d & Arch, Philadelphia, Pa.
- Electro-Dynamic Co., machs., Bayonne, N. J.
- Electro Importing Co., 233 Fulton, New York.
- Electro Magnetic Tool Co., 2902 Carroll, Chicago, Ill.
- Electro-Metallurgical Co., 42d St. Bldg., New York.
- Electro Silicon Co., metal polish, 30 Cliff, New York.
- Electro Steel Co., elec. furnace, Curry Bldg., Pittsburgh, Pa.
- Electro Surgical Instrument Co., Rochester, N. Y.
- Electrolamp Co., spark plugs, Detroit, Mich.
- Electrolytic Zinc Co., 3 So. William, New York.
- Electromechanical Co., armatures, 530 N. Calvert, Balto., Md.
- Electromobile Motor Car Co., Boatmen's Bank Bldg., St. Louis, Mo.
- Electron Chemical Co., chemical machinery mfrs., 120 Exchange, Portland, Me.
- Electrose Mfg. Co., arc lamps, insulators, insulating compounds, etc., 70 Washington, Brooklyn, N. Y.
- Electrova Co., pianos, 117 Cypress av, New York.
- Elektra Toy & Novelty Co., 400 Lafayette, New York.
- Elenbrok, Caroline, masons' & bldrs. matls., 2104 Fkd. av., Baltimore, Md.
- Elevator Construction Co., freight elev., 327 Second av, Pittsburgh, Pa.
- Elevator Roller Mills Co., flour, Columbus, Neb.
- Elevator Signal Co., 116 West, New York.
- Elevator Supplies Co., Inc., elevator Supplies mfrs., Hoboken, N. J.
- Eley, Frederick H., architect, Santa Ana, Cal.
- Elford, Edw., contractor, Hayden Clinton Bk. Bldg., Columbus, Ohio.
- Elfreth & Co., contractors, 1708 Sansom, Philadelphia, Pa.
- Elgar Bros., contractors, 103 Park av, New York.
- Elgensom, Eros, bags & suit cases, 771 Mather, Chicago, Ill.
- Elgin Brass Co., 92 John, New York.
- Elgin Brass & Electrical Mfg. Co., machsts. & fndrs., Elgin, Ill.
- Elgin-Butler Brick & Tile Co., Austin, Tex.
- Elgin Butter Tub Co., Elgin, Ill.
- Elgin Canning Co., Elgin, Ia.
- Elgin Cotton Oil Co., meal, Elgin, Tex.
- Elgin Gas Engine & Mach. Co., Elgin, Ill.
- Elgin, Joliet & Eastern Ry. Co., 208 S. La Salle, Chicago, Ill.
- Elgin Mfg. Co., machinists & founders, Elgin, Ill.
- Elgin Metal Novelty Co., machinists, Elgin, Ill.
- Elgin Motor Car Corp., automobile bldrs., McCormick Bldg., Chicago, Ill.
- Elgin National Soap Co., Elgin, Ill.
- Elgin Nat. Watch Co., 10 S. Wabash av, Chicago, Ill.
- Elgin Packing Co., Elgin, Ill.
- Elgin Saddlery & Harness Co., Elgin, Ill.
- Elgin Silver Plate Co., hardware, casket trimmings, Elgin, Ill.
- Elgin Street Sweeper Co., machy., Elgin, Ill.
- Elgin Tool Works, machinists & founders, Elgin, Ill.
- Elgin Wheel & Engine Co., Elgin, Ill.
- Elgin Wind Power & Pump Co., Elgin, Ill.
- Elias, G., & Bro., basswood, ties, poles, etc., 965 Elk, Buffalo, N. Y.
- Elias, Jos., & Co., plate glass, Jackson av, Long Island City, N. Y.
- Eliason, J. T. & L. E., lumber, masons' & bldrs. matls. New Castle, Del.
- Elig, Chas. J., Carriage Co., Wheeling, W. Va.
- Elite Button Co., 220 W. 19th, New York.
- Elite Mfg. Co., concrete mixers, etc., Ashland, Ohio.
- Elite Pottery Co., Trenton, N. J.
- Elite Vacuum Cleaner Mfg. Co., Kesner Bldg., Chicago, Ill.
- Elitsac Mfg. Co., lumber mfrs., Castile, N. Y.
- Elizabeth City Brick Co., Elizabeth, N. C.
- Elizabeth City Buggy Co., Elizabeth City, N. C.
- Elizabeth City Iron Works & Supply Co., Elizabeth City, N. C.
- Elizabeth Cornice Wks., Elizabeth, N. J.
- Elizabeth Hardware Co., Elizabeth, N. J.
- Elizabeth Iron Wks., Norfolk, Va.
- Elizabeth Mach. & Iron Wks., castings, Elizabeth, N. J.
- Elizabeth Mfg. Co., machinists, Elizabeth, N. J.
- Elizabeth Mills, cotton thread, Hills Grove, R. I.
- Elizabeth Sash, Door & Supply Co., Elizabeth, N. J.
- Elizabeth Street Fndry., 5837 S. Elizabeth, Chicago, Ill.
- Elizabethtown Milling Co., Elizabethtown, Ky.
- Elizabethtown Smelting Co., 503 Mulberry, Newark, N. J.
- Eljer Co., plumbers, Cameron, W. Va.
- Elk City Flour Mills Co., Elk City, Okla.
- Elk Engng. Wks., machsts. & fndrs., St. Marys, Pa.
- Elk Eye Milling Co., McConnellsville, Ohio.
- Elk Fire Brick Co., St. Marys, Pa.
- Elk Graphite Milling Co., St. Marys, Pa.
- Elk Ridge Coal & Coke Co., Kyle, W. Va.
- Elk Tanning Co., machinists & founders, Ridgway, Pa.
- Elk Valley Lbr. Co., Elkhart, Ind.
- Elkan, H., & Co., tallow, 10 W. Austin, Chicago, Ill.
- Elkan, M. M., contractor, Macon, Ga.
- Elkhart Brass Mfg. Co., machinists & founders, Elkhart, Ind.
- Elkhart Bridge & Iron Co., Elkhart, Ind.
- Elkhart Carriage & Motor Car Co., Elkhart, Ind.
- Elkhart Fdry. & Mach. Co., Elkhart, Ind.
- Elkhart Hdwe. Mfg. Co., Elkhart, Ind.
- Elkhart Iron Wks., machinists, Elkhart, Ind.
- Elkhart Junk Co., scrap iron, Elkhart, Ind.
- Elkhart Mfg. Co., gas ignitors, Monroe, Mich.
- Elkhart Musical Instrument Co., Elkhart, Ind.
- Elkhart Rubber Works, plumbers' rubber goods, etc., Elkhart, Ind.
- Elkhoff, John, contractor, Grand Forks, N. D.
- Elkhorn Lumber Co., Elkhorn, Wis.
- Elkin Buggy Co., carriages, Elkin, N. C.
- Elkin Canning Co., Elkin, N. C.
- Elkin Roller Mills, Elkin, N. C.
- Elkin Veneer & Mfg. Co., Elkin, N. C.
- Elkins Brick Co., common, Elkins, W. Va.
- Elkins Fndry. & Mach. Co., Elkins, W. Va.
- Elkins Milling Co., flour, Elkins, W. Va.
- Elkins Pail & Lumber Co., Elkins, W. Va.
- Elkins Refrigerator & Fixt. Co., Elkins, W. Va.
- Elkus Co., umbrellas, 729 Mission, San Francisco, Cal.
- Ella Furnace Co., bessemer, basic foundry & malleable pig iron, Frick Bldg., Pittsburgh, Pa.
- Ella Mfg. Co., cotton sheeting, Shelby, N. C.
- Ellard, W. B., masons' & bldrs. matls., Cornelia, Ga.
- Ellaville Guano Co., Ellaville, Ga.
- Ellbacher, Chas., contractor, Elizabeth, N. J.
- Elledge & Norman Marble Co., Columbus, Ga.
- Ellenberger, H., & Co., contractors, 122 S. Michigan av, Chicago, Ill.
- Ellenberger, Henry C., architect & contractor, Youngstown, O.
- Ellenberger & MacNeal, lumber, Towanda, Pa.
- Ellenton Fertilizer Co., Ellenton, S. C.
- Eller Mfg. Co., steel roofing, etc., Canton, Ohio.
- Eller, W. J., flour mills, Hillsdale, Tenn.
- Ellerbe, F. H., architect, Endicott Bldg., St. Paul, Minn.
- Ellerbe, Round & Moore, architect, Eau Claire, Wis.
- Ellers, H. P., Mfg. Co., nut tapping machs., Cleveland, Ohio.
- Ellert, C. H., belt dressing, cements, mops, Evansville, Ind.
- Ellery Knitting Mills, sweaters, cardigans, etc., 251 Stockton, Brooklyn, N. Y.
- Ellett, Thos. H., architect, Mad. Sq. Gdn. Tower, New York.
- Elfeldt Hdwe. & Machst. Supply Co., 1219 McGee, Kansas City, Mo.



- Ellicott Brick Co., Jewettville, N. Y.  
 Ellicott & Emmart, architects, Union Trust Bldg., Baltimore, Md.  
 Ellicott Machine Corp., hydraulic dredge mfrs., Bush & Severn, Baltimore, Md. *See adv index at end of book.*  
 Ellicottville Milling Co., lumber mfrs., Ellicottville, N. Y.  
 Ellin, Kitson & Co., carvers, arch'l modelers, marble interior wk., Madison av & 34th, New York.  
 Ellingson, E., machst., Canton, S. D.  
 Ellingson Lumber Co., Hawkins, Wis.  
 Ellington Elec. Co., storage battery charging sets, Quincy, Ill.  
 Ellington & Guy, lumber mfrs., 611 Times Dispatch Bldg., Richmond, Va.  
 Ellington Piano Co., Eden Park Entrance, Cincinnati, Ohio.  
 Ellingwood Turning Co., pike poles, West Paris, Me.  
 Elliot, F., & Co., knitted gloves, Waltham, Mass.  
 Elliot Woodworker Co., machinery, Congress & Brush, Detroit, Mich.  
 Elliott Addressing Mach. Co., 539 Market, San Francisco, Cal.  
 Elliott, B. K., Co., scientific instruments, 126 6th, Pittsb'h, Pa.  
 Elliott & Barry Eng. Co., Mo. Tr. Bldg., St. Louis, Mo.  
 Elliott Bay Dry Dock Co., Seattle, Wash.  
 Elliott, Ben. C., architect, Mexico, Mo.  
 Elliott, Blair Steel Co., New Castle, Pa.  
 Elliott Bros., machsts. & fndrs., Sacramento, Cal.  
 Elliott Cedar River Gravel Co., sand dlr., Seattle, Wash.  
 Elliott, Chas. H., Co., calendar pads, 17th & Lehigh av, Philadelphia, Pa.  
 Elliott Co., machsts. & addressing machy., 143 Albany, Cambridge, Mass.  
 Elliott Co., machsts. & fndrs. & power accessories, 6905 Susquehanna, Pittsburgh, Pa.  
 Elliott & Co., meat packers, Duluth, Minn.  
 Elliott Contracting Co., McKay Bldg., Portland, Ore.  
 Elliott-Cornwall Mfg. Co., Inc., screw mach. products, special tools & sheet metal stampings, 542 Ironistan av, Bridgeport, Conn.  
 Elliott, D. J., canned goods, Salisbury, Md.  
 Elliott, D. J., machst. & fndr., Monte Vista, Colo.  
 Elliott, E. A., ladders, Rumney, N. H.  
 Elliott Elec. Co., vacuum cleaners, 322 Champlain av, Cleveland, Ohio.  
 Elliott-Fisher Co., adding, billing & bookkeeping mach., Harrisburg, Pa.  
 Elliott Fndry. & Mach. Wks., 1921 S. Fairfield av, Chicago, Ill.  
 Elliott, Fred. W., architect, Cham. of Com. Bldg., Columbus, O.  
 Elliott Frog & Switch Co., 301 S. Main, E. St. Louis, Ill.  
 Elliott, G. Benj., foundry facings, San Francisco, Cal.  
 Elliott, G. W., & Co., machsts., De Smet, S. D.  
 Elliott & Hall, cloth folders, Worcester, Mass.  
 Elliott, Hayden, & Co., masons' & bldrs.' matls., La Salle, Ill.  
 Elliott, J. & W. A., Co., contractors, Lumber Exchange, Minneapolis, Minn.  
 Elliott, J. Wilkinson, landscape architect, 336 4th av, Pittsburgh, Pa.  
 Elliott, Jno., arch'l iron, 356 Pearl, New York.  
 Elliott Mach. Co., Calais, Me.  
 Elliott Mach. Co., Grand Rapids, Mich.  
 Elliott Mfg. Co., tinware mfrs., Warren, Ill.  
 Elliott & Reid Co., fence machs., Richmond, Ind.  
 Elliott, S. B., architect, Sherman, Texas.  
 Elliott, T. Albert, contractors, 625 Onondaga av, Syracuse, N. Y.  
 Elliott-Thompson Electric Co., armature & field coils, Ajax Bldg., Cleveland, Ohio.  
 Elliott Varnish Co., 711 S. Kolmar av, Chicago, Ill.  
 Elliott, W. J., masons' & bldrs.' matls., Canonsburg, Pa.  
 Elliott, Wm. J., contractor, Coatesville, Pa.  
 Ellis, A. Raymond, architect, 36 Pearl, Hartford, Conn.  
 Ellis, A. W., Mill, flour, Farmington, N. C.  
 Ellis Adding Typewriter Co., 338 Elizabeth av, Newark, N. J.  
 Ellis, Austin A., handles, Keene, N. H.  
 Ellis Bros., masons' & bldrs.' matls., Kokomo, Ind.  
 Ellis, C. C., architect, Lorain, Ohio.  
 Ellis, C. R., architect, Macon, Ga.  
 Ellis Canning Co., Brant, N. Y.  
 Ellis Carriage Works, Kingston, N. C.  
 Ellis, Chas. H., & Son, insecticides, Port Chester, N. Y.  
 Ellis, Clark & Sons, mill & facty. supplies, Milford, Mass.  
 Ellis & Cummings Oil Wks., Reading, Pa.  
 Ellis, Mrs. E. B., turpentine, Newbern, N. C.  
 Ellis, E. R., brick, Coatesville, Ind.  
 Ellis, E. W., Lumber Co., sash, door & blind, Grand Rapids, Wis.  
 Ellis, Edmund L., architect, 3 W. 29th, New York.  
 Ellis Engine Co., 2843 E. Grand blvd, Detroit, Mich.  
 Ellis & Ford Mfg. Co., chain pipe vises, pipe cutter wheels, Detroit, Mich.  
 Ellis, Frank M., architect, 801 S. Boulevard, Oak Park, Ill.  
 Ellis, Geo. D., & Sons Co., machsts. & fndrs., 309 N. 3d, Philadelphia, Pa.  
 Ellis, H. G., architect, Realty Bldg., Spokane, Wash.  
 Ellis, J. B., flour, Kittrell, N. C.  
 Ellis, J. Lewis, architect, Marion, Ohio.  
 Ellis, J. S., & Son, ship bldrs., ft Main, Tottenville, S. I., N. Y.  
 Ellis, Jno. E., contractors, Troy, N. Y.  
 Ellis, John W., lbr. mfrs., Kansas City, Kans.  
 Ellis Keystone Agricultural Wks., Pottstown, Pa.  
 Ellis, L. R., contractor, Central Bldg., Seattle, Wash.  
 Ellis Mfg. Co., can openers, sheet metal stamping, etc., Milldale, Conn.  
 Ellis, R. E., Engng. Co., 549 Wash'n blvd., Chicago, Ill.  
 Ellis, R. S., flour mill, Steprock, Ark.  
 Ellis & Smith, broom & wood handles, Bleecker, N. Y.  
 Ellis-Smith Mfg. Co., hack saws, jacks, etc., 216 Niagara, Buffalo, N. Y.  
 Ellis, T. M., & Co., flour mills, Russellville, Ky.  
 Ellis Time Stamp Co., 229 W. Ill., Chicago, Ill.  
 Ellis, W. H., & Son Co., dock bldrs. & contractors, 479 Meridian, Boston, Mass.  
 Ellis, Walter, sashes, doors & blinds, Stockport, Ohio.  
 Ellis, Wm. C., & Sons Iron Wks., agricultural implements, Memphis, Tenn.  
 Ellis, Wm. H., contractor, 344 N. 4th, Philadelphia, Pa.  
 Ellis, Wm. J., architect, 28 E. Federal, Youngstown, Ohio.  
 Ellison Brass Mfg. Co., furniture trimmings, etc., Jamestown, N. Y.  
 Ellison Bros., machsts., 2213 Bridge, Fkd., Philadelphia, Pa.  
 Ellison & Co., htg. contrs., 211 E. 126th, New York.  
 Ellison, Lewis M., calorimeters, 214 W. Kinzie, Chicago, Ill.  
 Ellison, W., & Sons Mfg. Co., machsts., 1020 N. 6th, St. Louis, Mo.  
 Elliston Lime Co., Elliston, Montana.  
 Ellithorpe, F. T., & Sons, elev. air cushions, 74 Cortlandt, New York.  
 Ellms, H. E., & Co., sash, door & blind, 22 Washington, N. Boston, Mass.  
 Ells, Irving B., architect, 47 W. 34th, New York.  
 Ellsworth Brass Fdry. Co., Bridgeport, Conn.  
 Ellsworth & Filley, canned goods, Windsor, Conn.  
 Ellsworth Fndry. & Mach. Wks., Ellsworth, Me.  
 Ellsworth Hardwood Co., toys, games & nov., Ellsworth, Me.  
 Ellsworth & Howes, paper & pulp mill architects, 356 Dwight, Holyoke, Mass.  
 Ellsworth, J. E., contractor, Elreno, Okla.  
 Ellsworth, M. D., & Co., lumber, Tavera, Wis.  
 Ellsworth Mfg. Co., metallic furniture, store stools, etc., Toledo, Ohio.  
 Ellsworth, S. P., machsts., 430 Kent av, Brooklyn, N. Y.  
 Ellsworth Salt Co., Ellsworth, Kans.  
 Ellsworth Stone Co., Iowa Falls, Ia.  
 Ellsworth & Thayer Mfg. Co., auto. gloves, 338 B'way, Milwaukee, Wis.  
 Ellsworth Woolen Mill, blankets, Ellsworth, Me.  
 Ellwood City Forge Co., Ellwood City, Pa.  
 Ellwood City Iron & Wire Co., Ellwood City, Pa.  
 Ellwood City Nail Co., Ellwood City, Pa.  
 Ellwood Foundry Co., Ellwood City, Pa.  
 Ellwood Stone Co., producers, House Bldg., Pittsburgh, Pa.  
 Elm City Brass & Rivet Co., Plainville, Conn.  
 Elm City Cornice Wks., New Haven, Conn.  
 Elm City Cotton Mills, La Grange, Ga.  
 Elm City Lbr. Co., Newbern, N. C.  
 Elm City Lbr. Co., New Haven, Conn.  
 Elm City Mfg. Co., toys, games & nov., New Haven, Conn.  
 Elm Grove Milling Co., flour, Elm Grove, W. Va.  
 Elma Shingle Co., lbr. mfrs., Elma, Wash.  
 Elmendorf Varnish Co., 841 Larrabee, Chicago, Ill.  
 Elmer, H. M., contractor, 1329 Hague, St. Paul, Minn.  
 Elmer & Moody Co., sash, door & blind mfrs., Seattle, Wash.  
**ELMES, CHAS. F., ENGINEERING WORKS, INC., Hydraulic Machinery, Presses, Pumps, Accumulators,** cor. Fulton & Sangamon, Chicago, Ill.  
*See adv index at end of book.*  
 Elmhurst-Chicago Stone Co., Elmhurst, Ill.  
 Elmira Boiler & Iron Wks., Elmira, N. Y.  
 Elmira Casket Co., Elmira, N. Y.  
 Elmira Commercial Motor Car Co., Owego, N. Y.  
 Elmira Cotton Mills Co., Burlington, N. C.  
 Elmira Fdry. Co., Elmira, N. Y.  
 Elmira Storage & Supply Co., mill & facty. supp., Elmira, N. Y.  
 Elmore Fertilizer Co., Tallassee, Ala.  
 Elmore Ginning & Fertilizer Co., Laurinburg, N. C.  
 Elmore Milling Co., flour, Oneonta, N. Y.  
 Elmore Packing Co., Astoria, Ore.  
 Elmore Veneer Co., Conneaut, Ohio.  
 Elms, Jas., mill & facty. supplies, Auburn, Me.  
 Elmwood Box Co., 87 Willard av, Providence, R. I.  
 Elmwood Button Co., Bridgeport, Conn.  
 Elmwood Castings Co., Murray rd, Cincinnati, Ohio.  
 Elmwood Mills, shoe laces, Daboll, Providence, R. I.  
 Elnora Packing Co., Elnora, Ind.  
 El-Oso Asphalt Co., contrs., Victoria Bldg., St. Louis, Mo.  
 El Paso Brick Co., El Paso, Tex.  
 El Paso Bridge & Iron Co., El Paso, Tex.  
 El Paso Foundry & Machine Co., El Paso, Tex.  
 El Paso Grain & Milling Co., flour, El Paso, Tex.  
 El Paso Ice & Refrigerator Co., stone (crushed), El Paso, Tex.  
 El Paso Lumber Co., El Paso, Tex.  
 El Paso Sash & Door Co., El Paso, Tex.  
 El Paso Trunk Fcty., El Paso, Tex.  
 El Reno Foundry & Machine Co., El Reno, Okla.  
 El Reno Mill & Elevator Co., flour, El Reno, Okla.  
 Elsenhans Mach. Wks., 500 Washington, Buffalo, N. Y.  
 Elsesser, Michael, machsts., ft Court, Brooklyn, N. Y.  
 Elsey Canning Co., Elsey, Mo.



Elsimere Paper Co., 29 Beekman, New York.  
 Elsinghorst, John H., cornices, 574 Mich., Buffalo, N. Y.  
 Elsmere Granite Co., 1752 N. Spaulding Av., Chicago, Ill.  
 Elsner, G. W., canned goods, Aberdeen, Md.  
 Elson & Brewer, oils, 20 Gold, New York.  
 Elson Williams Construction Co., 830 Hennepin av, Minneapolis, Minn.  
 Elterich, Chas., Co., machsts., 177 Grand, New York.  
 Elvin, Frank F., architect, 182 State, Springfield, Mass.  
 Elvin-Grahn Co., contractors, 1916 Chicago av, Minneapolis, Minn.  
 Elway Miller Co., heating contractors, Aberdeen, Wash.  
 Elwell, B. F., Glue Co., Rockport, Mass.  
 Elwell, C. A., seines & fish nets, Gloucester, Mass.  
 Elwell, H. F., Iron Wks., Springfield, Mass.  
 Elwell-Parker Electric Co., electric industrial trucks, 4300 St. Clair av, Cleveland, O.  
 Elwood, C. C., architect, Elkhart, Ind.  
 Elwood Iron Wks. Co., machsts. & fndrs., Elwood, Ind.  
 Elwood Lawn Mower Mfg. Co., Elwood, Ind.  
 Elwood, Robt., architect, New Canaan, Conn.  
 Elworthy, Helwick, Co., contractors, Wimson Bldg., Cleveland, O.  
 Ely, C. Upham, nickel anodes, 60 Vesey, New York.  
 Ely, Chas. H., architect, Sharon, Mass.  
 Ely, E. C., Co., machsts. & fndrs., Leona, Pa.  
 Ely, Ethelbert, assayer, Dover, N. J.  
 Ely, J. H. & W. C., architects, Fireman Bldg., Newark, N. J.  
 Ely Lumber Co., sash, door & blind, Holyoke, Mass.  
 Ely, T. J., Mfg. Co., carpet beaters, handles, mop wringers, etc., Erie, Pa.  
 Ely & Williams Co., cans, boxes, 257 B'way, New York.  
 Elyria Belting & Machinery Co., Elyria, Ohio.  
 Elyria Canning Co., Elyria, Ohio.  
 Elyria Concrete Co., masons' & bldrs.' matls., Elyria, Ohio.  
 Elyria Constr. Co., Elyria, Ohio.  
 Elyria Enameled Products Co., chemical apparatus, stills, tanks, etc., Elyria, Ohio. *see adv. index at end of book.*  
 Elyria Foundry Co., Elyria, Ohio.  
 Elyria Hdwe. Co., Elyria, Ohio.  
 Elyria Iron & Steel Co., E. 131st, Cleveland, Ohio.  
 Emack, John D., Co., rig. slate mfrs., Stephen Girard Bldg., Philadelphia, Pa.  
 Emanuel & Co., slag products, Catasauqua, Pa.  
 Emanuel, N., & Co., ties, poles & posts, Brunswick, Ga.  
 Embalmers' Supply Co., disinfectants, Westport, Conn.  
 Embalming Burial Case Co., Burlington, Ia.  
 Emblem Mfg. Co., machinists, Angola, N. Y.  
 Embossed Wall Covering Co., 880 N. 48th, Philadelphia, Pa.  
 Embossing Co., toys, Albany, N. Y.  
 Embree Co., paper doilies, Buena Vista, Va.  
 Embree Elevator & Millwright Co., Lynn, Mass.  
 Embree Iron Co., Embreeville, Ill.  
 Embury Box Co., Louisville, Ky.  
 Embury, Aymar 2d, architect, 132 Madison av, New York.  
 Embury Mfg. Co., lanterns, Warsaw, N. Y.  
 Embury-Martin Lumber Co., Cheboygan, Mich..  
 Em-Em Selling Co., portable benches, 422 E. 16th, New York.  
 Emergency Forge Co., Lansing, Mich.  
 Emerson, A. C., & Co., masons' & bldrs.' matls., Warrensburg, N. Y.  
 Emerson Apparatus Co., calorimeters, 251 Causeway, Boston, Mass.  
 Emerson-Brantingham Co., farm machy., buggies, tractors, wagons, etc., Rockford, Ill.  
 Emerson-Brantingham Implement Co., Rockford, Ill.  
 Emerson Co., engineers, 30 Church, New York.  
 Emerson & Co., granite, Lancaster, N. H.  
 Emerson Dry Kiln Co., Flatiron Bldg., New York.  
 Emerson, E. F., Co., sash, door & blind mfrs., Randolph, Vt.  
 Emerson Elec. Mfg. Co., elec. disc. fans, 2024 Washington av, St. Louis, Mo.  
 Emerson Engine Co., Alexandria, Va.  
 Emerson, F. M., Co., contractors, 82 Wisconsin av, Milwaukee, Wis.  
 Emerson Mfg. Co., machinists, Lawrence, Mass.  
 Emerson & Norris Co., artificial bldg. stone, Boston, Mass.  
 Emerson Paper Co., Sunapee, N. H.  
 Emerson Phonograph Co., talking machines, 3 W. 35th, New York.  
 Emerson Piano Co., 560 Harrison av, Boston, Mass.  
 Emerson, Sam'l W., Co., contractors, Engineers' Bldg., Cleveland, Ohio.  
 Emerson, Smith & Co. (Ltd.), grinders, saws, tools, etc., Beaver Falls, Pa.  
 Emerson Steam Pump Co., Alexandria, Va.  
 Emerson & Stevens Mfg. Co., machinists & founders, Oakland, Me.  
 Emerson, Wm., architect, 597 5th av, New York.  
**EMERY CANDLE CO.**, Mercantile Library Bldg., Cincin., Ohio.  
 Emery, Chas. W., hand vacuum cleaners, 2036 N. 13th, Phila., Pa.  
 Emery, G. J., Co., cider mills, Fulton, N. Y.  
 Emery, Geo. D., Co., lbr., 220 11th av, New York.  
 Emery Hardware Co., Bradford, Pa.  
 Emery, Hy. G., architect, Bible House, New York, & Nyack, N. Y.  
 Emery & Hoffer, contractors, Waterloo, Ia.  
 Emery, Howard B., architect, Bennett Bldg., Wilkes-Barre, Pa.  
 Emery, J. Paul, contractor, 4907 Wynnefield, Philadelphia, Pa.  
 Emery, L., Jr., oil well supplies, Bradford, Pa.

Emery Lumber & Coal Co., Williamsport, Pa.  
 Emery, M. L. & H. G., architect, 42 N. Pearl, Albany, N. Y.  
 Emery & Macpherson, architects, 121 N. Pearl, Albany, N. Y.  
 Emery Mfg. Co., oils, etc., Bradford, Pa.  
 Emery, Marshall L., architect, Bible House, New York.  
 Emery & Nelson, lumber, Napavine, Wash.  
 Emery Pneumatic Lubricator Co., air brake & pneumatic lubricators, 1932 N. B'way, St. Louis, Mo.  
 Emery, Thompson, Machy. & Supply Co., 235 E. 41st, New York.  
 Emery, V. J., machinists & founders, Wollaston, Mass.  
 Emery, W. N., & Son, machinists & founders, Franklin, Pa.  
 Emery-Waterhouse Co., whol. hdwe., mill & facty. supplies, 143 Middle, Portland, Me.  
 Emery, Wm. S., seats, 74 Cliff, New York.  
 Emig & Hatmaker, mill & facty. supplies, Geneva, N. Y.  
 Emigsville Quarry Co., lime mfrs., Emigsville, Pa.  
 Eminence Dist. Co., St. Paul, Minn.  
 Eminence Milling Co., Eminence, Ky.  
 Emlenton Milling Co., Ltd., flour, Emlenton, Pa.  
 Emlenton Refining Co., lubrg. oils., Emlenton, Pa.  
 Emmart Packing Co., 5425 S. State, Chicago, Ill.  
 Emmel, Chas. & Rose, Co. archl. modelers, 383 Albany, Boston, Mass.  
 Emmel Co., classic wood carvers, 81 Bristol, Boston, Mass.  
 Emmelman Bros. Mfg. Co., gasoline blow torches, Indianapolis, Ind.  
 Emmens & Abbott, architects, Stamford, Conn.  
 Emmerich, Fred'k, machinist, 365 Flushing av, Brooklyn, N. Y.  
 Emmers Cornice Co., 1007 B'way, Cincinnati, Ohio.  
 Emmert Hdwe. Co., Hagerstown, Md.  
 Emmert Mfg. Co., draughting appliances, Waynesboro, Pa.  
 Emmons, E. G., scythe rifles, West Morris, Conn.  
 Emmons, Hawkins Hardware Co., Huntington, W. Va.  
 Emmons Loom Harness Co., Lawrence, Mass.  
 Emory & Eisenbrey, mill & chemical engrs., Harrison Bldg., Philadelphia, Pa.  
 Emory & Nussear, architects, Professional Bldg., Baltimore, Md.  
 Emory, P. P., Mfg. Co., founders, Springfield, Mass.  
 Emory, Robt. J., Co., machinists, 27 Runyon, Newark, N. J.  
 Emory & Webb, architects, Honolulu, Hawaii.  
 Empire Art Metal Co., Inc., metal products, mfrs., College Point, L. I., N. Y.  
 Empire Automobile Co., S. W. cor. Capitol & Michigan, Indianapolis, Ind.  
 Empire Axle Co., axle bldrs. for motor trucks, Dunkirk, N. Y.  
 Empire Bending Works, rim, shafts & bows, mfrs., Lancaster, Pa.  
 Empire Blower & Pipe Co., Rochester, N. Y.  
 Empire Braid Wks., 413 W. B'way, New York.  
 Empire Brass Co., 329 E. 26th, New York.  
 Empire Brass Mfg. Co., 8410 Lake av, N. W., Cleveland, Ohio.  
 Empire Brass & Metal Wks., 29 W. 34th, New York.  
 Empire Brass Works, 824 Fulton, Chicago, Ill.  
 Empire Brick & Supply Co., masons' & bldrs.' matls., 103 Park av, New York.  
 Empire Buggy Co., Jackson, Ga.  
 Empire Button Mold Mfg. Co., 722 E. 11th, New York.  
 Empire Carbon Wks., 415 Locust, St. Louis, Mo.  
 Empire China Wks., porcelain spec., 156 Greene, Bklyn., N. Y.  
 Empire City-Gerard Co., sash, door & blind mfrs., 265 Greenpoint av, Brooklyn, N. Y.  
 Empire City Pearl Button Wks., 10th, Long Island City, N. Y.  
 Empire Coal & Coke Co., masons' & bldrs.' matls., Rock Island, Ill.  
 Empire Coarse Salt Co., Syracuse, N. Y.  
 Empire Coke Co., Geneva, N. Y.  
 Empire Co., bread boards, North Girard, Pa.  
 Empire Cooping Co., bird cages, Fultonville, N. Y.  
 Empire Cotton Oil Co., Atlanta, Ga.  
 Empire Cream Separator Co., machinists, Bloomfield, N. J.  
 Empire Cut Glass Co., Flemington, N. J.  
 Empire Dist. Co., 200 5th av, New York.  
 Empire Door & Trim Co., 15 W. 40th, New York.  
 Empire Duplex Gin Co., 346 B'way, New York.  
 Empire Electric & Mfg. Co., fuses, elec. rosettes, switches, etc., Plainville, Conn.  
 Empire Elec. Sign Co., 162 E. 118th, New York.  
 Empire Engineering Corp., 6 Church, New York.  
 Empire Feather Duster Co., 203 Centre, New York.  
 Empire Fndry. Co., New Brunswick, N. J.  
 Empire Foundry Co., Oakland, Cal.  
 Empire Foundry Co., Syracuse, N. Y.  
 Empire Fringe Co., 909 Faile, New York.  
 Empire Galvanizing Co., 2507 E. Cumberland, Philadelphia, Pa.  
 Empire Glass Co., Shingle House, Pa.  
 Empire Grate Co., Chester, Pa.  
 Empire Guano Co., fertilizer mfrs., New Albany, Ind.  
 Empire Gypsum Co., wall plaster mfrs., Cutler Bldg., Rochester, N. Y.  
 Empire Iron & Steel Co., Niles, Ohio.  
 Empire Iron Wks., 416 E. 107th, New York.  
 Empire Ivory Button Wks., 826 B'way, New York.  
 Empire Knife Co., Winsted, Conn.  
 Empire Knitting Mills, sweaters, 154 Whiting, Chicago, Ill.  
 Empire Knitting Mills, sweaters, etc., 74 Richmond, Newark, N. J.  
 Empire Knitting Wks., sweaters, cardigans, etc., 10 Varet, Brooklyn, N. Y.



- Empire Lamp Mfg. Co., 1214 W. Madison, Chicago, Ill.  
 Empire Laundry Machy. Co., 352 Western av, Boston, Mass.  
 Empire Lighting fixture Co., 224 Centre, New York.  
 Empire Lime Kilns, Bellefonte, Pa.  
 Empire Lime & Stone Co., Milwaukee, Wis.  
 Empire Limestone Co., 19 Hudson, Buffalo, N. Y.  
 Empire Lbr. Co., 2034 Southport av, Chicago, Ill.  
 Empire Lumber Co., Toledo, Ohio.  
 Empire Mach. Co., Corning, N. Y.  
 Empire Mach. & Stamping Co., 59 Terrace, Buffalo, N. Y.  
 Empire Mach. Wks., Berry, Brooklyn, N. Y.  
 Empire Mach. Wks., machinists, Mount Morris, N. Y.  
 Empire Machinery & Supply Corp., mill & facty. supplies, 36 Commercial pl, Norfolk, Va.  
 Empire Mfg. Co., agricultural implements, Quincy, Ill.  
 Empire Mfg. Co., belting, hose, rubber goods, etc., Lockport, N. Y.  
 Empire Mfg. Co., hard fibre, 26th & Tatnell, Wilmington, Del.  
 Empire Mfg. Co., packing box mfrs., Goldsboro, N. C.  
 Empire Mattress Co., 2231 W. Madison, Chicago, Ill.  
 Empire Metal Co., 820 E. Water, Syracuse, N. Y.  
 Empire Mills Co., flour, Columbus, Ga.  
 Empire Nickel Plating Wks., Troy, N. Y.  
 Empire Oil Works, oil refining, Oil City, Pa.  
 Empire Optical Co., Rochester, N. Y.  
 Empire Ornamental Glass Co., 437 Washington, New York.  
 Empire Paper Co., Ithaca, N. Y.  
 Empire Paper Tube & Box Co., 155 Bk., New York.  
 Empire Pipe Bending & Supply Co., 253 Park av, Brooklyn, N. Y.  
 Empire Plow Co., agricultural implement mfrs., 3140 E. 65th, Cleveland, Ohio.  
 Empire Polishing Co., S. Quincy, Quincy, Mass.  
 Empire Provision & Beef Co., 247 Lewis, Buffalo, N. Y.  
 Empire Rice Milling Co., Ltd., 1676 Tchoupitoulas, New Orleans, La.  
 Empire Roller Fifth Wheel Wks., Quincy, Ill.  
 Empire Rolling Mill Co., Cleveland, Ohio.  
 Empire Rubber Co., 126 W. 22d, New York.  
 Empire Rubber & Tire Co., 148 Chambers, New York.  
 Empire Sash & Door Co., Friendship, N. Y.  
 Empire Slag Co., Watervliet, N. Y.  
 Empire Smelting Co., Depew, N. Y.  
 Empire Soap Co., 203 W. B'way, New York.  
 Empire Spring Bed Wks., Elmira, N. Y.  
 Empire State Bag Co., 760 Wythe av, Brooklyn, N. Y.  
 Empire State Canning Co., Rome, N. Y.  
 Empire State Chemical Co., Athens, Ga.  
 Empire State Guano Co., fertilizer mfrs., Americus, Ga.  
 Empire State Pickling Co., canned goods, Phelps, N. Y.  
 Empire State Silk Label Co., 218 Tyler, West New Brighton, N. Y.  
 Empire Steel & Iron Co., blast furnaces, Catasauqua, Pa.  
 Empire Stone Co., Bloomington, Ind.  
 Empire Supply Co., coal & dumping cars, North Miami, Okla.  
 Empire Tin Ware Co., ash, garbage, paint & varnish cans, etc., 29 S. 5th, Brooklyn, N. Y.  
 Empire Tire & Rubber Corp., Trenton, N. J.  
*See adv index at end of book.*  
 Empire Transformer Co., elec. bells, 2723 N. Clark, Chicago, Ill.  
 Empire Varnish Co., 2638 E. 76th, Cleveland, Ohio.  
 Empire Wall Plaster Co., Utica, N. Y.  
**EMPIRE WEAVING & BELTING CORP.**, solid woven belting & webbings, East Rochester, N. Y.  
*See adv index at end of book.*  
 Empire Wheel Wks., auto. wheel pullers, Utica, N. Y.  
 Empire Wood Type Co., 31 Ferry, New York.  
 Empire Zinc Co., Denver, Colo.  
 Empkie-Shugart-Hill Co., wholesale hardware, Council Bluffs, Ia.  
 Employees' Indemnity Co. of Philadelphia, steam boiler insurance, 331 Walnut, Philadelphia, Pa.  
 Employers' Liability Assurance Corp. (Ltd.), insurance, 33 Broad, Boston, Mass.  
 Emporia Lumber & Coal Co., masons' & bldrs.' matls., Emporia, Kan.  
 Emporia Machine Co., Emporia, Va.  
 Emporium Iron Co., blast furnaces, Emporium, Pa.  
 Emporium Lbr. Co., Utica, N. Y.  
 Emporium Machine Co., Emporium, Pa.  
 Emporium Milling Co., flour, Emporium, Pa.  
 Empson Packing Co., Longmont, Colo.  
 Emrath, Louis, machinist, 4236 N. Ashland av, Chicago, Ill.  
 Emrich, C., founder, S. W. cor. Fulton & 2d, Columbus, Ohio.  
 Emrich, C., stove mfr., 371 S. High, Columbus, Ohio.  
 Emrich, Phil., tanners' tools, 824 Main, Cincinnati, Ohio.  
 Emrick, A. E., agricultural implements, Germantown, Ohio.  
 Emsley, John W., bags, burlaps, Adams & Emerald, Phila., Pa.  
 Emswiler, L. A., contractor, Cliftonforge, Va.  
 Enamel Concrete Co., Des Moines, Ia.  
 Enamel Farm Co., lumber, Blundale, Ga.  
 Enamel Products Co., Cleveland, Ohio.  
 Enamel Vitrified Brick Co., 1348 Nicholas Bldg., Toledo, Ohio.  
 Enameled Metals Co., interior conduits, 61 Bridge, Pittsb'g, Pa.  
 Enameled Steel Sign Co., 222 N. State, Chicago, Ill.  
 Enameled Tank Co., Kalamazoo, Mich.  
 Endailey & Lewis, flour mills, Kunath, Va.  
 Endebrook Wm. P., architect, American Mechanic Bldg., Trenton, N. J.  
 Enders, P., & Son, contractors, Rochester, N. Y.  
 Enders Sales Co., safety razor mfrs., 17 Battery pl, New York.  
 Endersen Spar & Timber Co., masts & spars, Hoquiam, Wash.  
 Endicott Forging & Mfg. Co., Endicott, N. Y.  
 Endicott-Johnson & Co., paper & pulp mills, Endicott, N. Y.  
 End-Oxy Appliance Co., welding app., 29 N. Willow, Trenton, N. J.  
 Endres, H. W., landscape architect, Syndicate Tr. Bldg., St. Louis, Mo.  
 Endres, J. A., & Son, cornices & skylights, Leavenworth, Kan.  
 Endress & Watkin, architects, Littlefield Bldg., Austin, Tex.  
 Endsley, J. W., insulator pins, Somersfield, Pa.  
 Endura Mfg. Co., packing mfrs., 63d & Eastwick av, Phila., Pa.  
 Endurance Autoil Co., metal polish, Muncie, Ind.  
 Endurance Tire & Rubber Co., New Brunswick, N. J.  
 Endurance Tire & Rubber Co., 17 Battery pl, New York.  
 Engerine Refining & Mfg. Co., soap, 242 Arcade, Cleveland, Ohio.  
 Energy Elevator Co., 214 New, Philadelphia, Pa.  
 Engberg Electric & Mechanical Works, dynamo & motor, St. Joseph, Mich.  
 Engel Bros., barrels, 1153 Center, Chicago, Ill.  
 Engel & Kirchheiner, coppersmiths, 1611 Thames, Baltimore, Md.  
 Engel Lbr. Co., Grand Rapids, Mich.  
 Engelbach Mach. Mfg. Co., Leadville, Colo.  
 Engelberger, F. & W. V., Co., cornices, 159 Jelliff av, Newark, N. J.  
 Engelburg Huller Co., rice & coffee machinery, 831 W. Fayette, Syracuse, N. Y.  
 Engelhard, Chas., furnaces, chemical thermometers, etc., 30 Church, New York.  
 Engelhardt-Seybold Co., 316 S. Wabash av, Chicago & Elgin, Ill.  
 Engelhardt, Theobald, brewery architect, 905 B'way, Bklyn., N.Y.  
 Engelhart Trunk Co., Cleveland, Ohio.  
 Engeln & Co., coils, gas lighting sparks, 1904 Euclid, Cleveland, Ohio.  
 Engeln, M., & Son, machsts. & fndrs., McHenry, Ill.  
 Enger, Frank J., carriages, wagons, Marion & Dakota av, Avon, Cincinnati, Ohio.  
 Enger Motor Car Co., Cincinnati, Ohio.  
 Engerbretsen, John, contractor, San Diego, Cal.  
 Engine & Machinery Co., Canton, Ohio.  
 Engineer Co., mechanical draft, etc., 17 Battery pl, New York.  
 Engineering Agency, Monadnock Bldg., Chicago, Ill.  
 Engineering Co., machinists, Ft. Wayne, Ind.  
 Engineering Co. of Phila., Harrison Bldg., Philadelphia, Pa.  
 Engineering Const. Co., Scranton, Pa.  
 Engineering & Contracting, trade publication, 608 S. Dearborn, Chicago, Ill. *See adv. index at end of book.*  
 Engng. & Mining Journal, 10th av & 36th, New York.  
 Engineering News Record, trade publication, 10th av & 36th, New York. *See adv index at end of book.*  
 Engineering Products Co., annunciators, elec. bells, 40 Goldsmith av, Detroit, Mich.  
 Engng. Products Co., 50 Church, New York.  
 Engineering & Steam Supplies Co., 1029 S. 3rd, Minneapolis, Minn.  
 Engineering Wks., Van Buren, Ark.  
 Engineers Appliance Co., steam traps, valves, etc., Cleveland, O.  
 England Bros., flour mills, Springfield, Tenn.  
 England, S. B., cornices, Altoona, Pa.  
 England, Walton, & Co., leather belting, butts & harness, 3d & Vine, Philadelphia, Pa.  
 Englander Spring Bed Co., 88 35th, Brooklyn, N. Y.  
 Englar, John A., fertilizer mfr., Linwood, Md.  
 Engle & Gohn, contractors, Belmont av, Dayton, Ohio.  
 Englebert & Co., stone producers, Nashville, Tenn.  
 Englebert, Tyer, Co., 1928 B'way, New York.  
 Englehard, Frank, & Sons, copper floats, 200 Franklin, Springfield, Mass.  
 Englehardt, C. P., architect, 905 B'way, Brooklyn, N. Y.  
 Englehardt Piano Co., St. Johnsville, N. Y.  
 Englehart Heating Co., Atlanta, Ga.  
 Engle's, Jno. S., Sons, masons' & bldrs.' matls., Hummelstown, Pa.  
 Englewood Art Glass Co., 6749 Emerald, Chicago, Ill.  
 Englewood Chandelier Wks., 6142 Cottage Grv. Av, Chicago, Ill.  
 Englewood Desk Co., 58th & Lowe av, Chicago, Ill.  
 Englewood Sash & Door Co., 5935 Lowe av, Chicago, Ill.  
 Englewood Window Glass Co., 731 W. 63d pl, Chicago, Ill.  
 Englis, Chas. M., ship bldrs., 34 Greenpoint, av, Brooklyn, N. Y.  
 Englis, Geo. H., contractor, White Plains, N. Y.  
 English Bros., contractors, Champaign, Ill.  
 English, C. R., Co., mill & facty. supplies, 167 Oliver, Boston, Mass.  
 English Canning & Mfg. Co., English, Ind.  
 English, Frank G., contractor, 1608 N. Carlisle, Philadelphia, Pa.  
 English Iron Wks. Co., boom swinging gears, Leekes, Mo.  
 English, Jno. J., cornices, Kenosha, Wis.  
 English Mfg. Co., wood pails & buckets., Antigo, Wis.  
 English & Mersick Co., lamps, hdwe, mfrs., Winchester av, New Haven, Conn.  
 English Mica Co., Insurance Bldg., Williamsport, Pa.  
 English, R. W., Lumber Co., Denver, Colo.  
 English Tool & Supply Co., 408 W. 5th, Kansas City, Mo.  
 Engman-Matthews Range Co., South Bend, Ind.  
 Engravers' & Printers' Machy. Co., Sag Harbor, N. Y.  
 Engstrum, F. O., Co., contractors, 500 Seaton, Los Angeles, Cal.  
 Enid Fdry. & Mach. Co., Enid, Okla.  
 Enid Mill & Elevator Co., flour, Enid, Okla.



- Enid Sash & Door Co., Enid, Okla.  
 Enid Vitrified Brick & Tile Co., Enid, Okla.  
 Ennis, C. W., & Co., masons' & bldrs.' matls., Morristown, N. J.  
 Ennis, Geo. T., & Sons, machsts., 329 C. N. W., Washington, D. C.  
 Enoch Mfg. Co., boxes, lunch, Mount Sterling, Ky.  
 Enochs Bros., lbr., Fernwood, Miss.  
 Enochs Lumber Co., Jackson, Tenn.  
 Enochs Lumber & Mfg. Co., Jackson, Miss.  
 Enochs Yellow Pine Co., lumber, Jackson, Miss.  
 Enoree Mills, cotton sheetings, Greenville, S. C.  
 Enos Fire Escape Co., 522 N. Sangamon, Chicago, Ill.  
 Enos & Sanderson, whol. hdwe., 43 Carroll, Buffalo, N. Y.  
 Enos, W. B., & Co., ties, poles & posts, Metropolitan & Liverpool, Pittsburgh, Pa.  
 Enright, P. J., Co., cornices & skylights, Chicopee Falls, Mass.  
 Ensey & Gildea, contractors, Munsey Bldg., Baltimore, Md.  
 Ensey, Orvis B., cornices, Indianapolis, Ind.  
 Ensign, Bickford, Co., blasting fuse, caps, etc., Simsbury, Conn.  
 Ensign Cotton Mills, Forsyth, Ga.  
 Ensign Foundry Co., Toledo, Ohio.  
 Ensign, G. W., Inc., contractors, Harrisburg, Pa.  
 Ensign Mfg. Co., machsts. & fndrs., 19 brook, Fanueili, Boston, Mass.  
 Ensinger Contr. Co., New Rochelle, N. Y.  
 Ensley, G. W., cornices & skylights, Chariton, Ia.  
 Enslin, Franklin, & Co., cornices, Ashland, Mass.  
 Enstice Bros., contractors, 45 Clinton, Newark, N. J.  
 Ensworth, L. L., & Son, whol. hdwe., mill & facty. supplies, 344 Front, Hartford, Conn.  
 Entenman, A., sash, door & blind mfr., 669 73d, Brooklyn, N. Y.  
 Enterprise Art Glass Wks., Enterprise Bldg., Milwaukee, Wis.  
 Enterprise Bed Co., Hammond, Ind.  
 Enterprise Brass Fdry., machsts. & fndrs., Seattle, Wash.  
 Enterprise Brass Foundry Co., Tacoma, Wash.  
 Enterprise Brass & Plating Wks., 6th & Baymiller, Cincinnati, O.  
 Enterprise Brass Wks., machsts. & fndrs., Muskegon, Mich.  
 Enterprise Brick Co., Duluth, Minn.  
 Enterprise Brick Co., Mountainview, N. J.  
 Enterprise Brick Wks. Co., 915 Olive, St. Louis, Mo.  
 Enterprise Broom Works, 321 E. Grand av, Chicago, Ill.  
 Enterprise Carriage Wks., Piqua, Ohio.  
 Enterprise Coal Co., masons' & bldrs.' matls., East Liverpool, O.  
 Enterprise Coal & Supply Co., masons' & bldrs.' matls., Elizabeth, N. J.  
 Enterprise Co., agricultural implements, mill & facty. supplies, etc., Columbiana, Ohio.  
 Enterprise Contracting Co., dock bldrs., Bessemer Bldg., Pittsburgh, Pa.  
 Enterprise Cornice Wks., 759 N. Markol, Philadelphia, Pa.  
 Enterprise Cotton Mills, Enterprise, Ala.  
 Enterprise Cotton Oil Co., Enterprise, Ala.  
 Enterprise Cut Glass Co., Elmira Heights, N. Y.  
 Enterprise Electric Co., transformers, Warren, Ohio.  
 Enterprise Elec. Nov. Co., 137 Greene, New York.  
 Enterprise Elec. Supply Co., open batteries, Latrobe, Pa.  
 Enterprise Electric Works, 654 Mission, San Francisco, Cal.  
 Enterprise Fertilizer Wks., Enterprise, Ala.  
 Enterprise Fndry. Co., Auburn, N. Y.  
 Enterprise Foundry Co., gray iron castings, 1257 Warren av E., Detroit, Mich.  
 Enterprise Fdry. Co., Kansas City, Mo.  
 Enterprise Foundry Co., Nixon & Manhattan, N. S., Pitts'bg, Pa.  
 Enterprise Fndry. Co., Rochester, N. Y.  
 Enterprise Fdry. Co., brake shoes, 2902 19th, San Francisco, Cal.  
 Enterprise Fdry. & Mach. Co., Hattiesburg, Miss.  
 Enterprise Foundry & Machine Works, Bristol, Tenn.  
 Enterprise Garnetting Co., absorbent cotton, Cohoes, N. Y.  
 Enterprise Hdwe. Mfg. Co., Frederick, Md.  
 Enterprise Iron & Fdry. Co., Fort Worth, Texas.  
 Enterprise Iron Wks., machsts. & fndrs., Indianapolis, Ind.  
 Enterprise Lime & Ballast Co., Hyndman, Pa.  
 Enterprise Lumber Co., Alexandria, La.  
 Enterprise Lbr. Co., Buch Norwd., Cincinnati, Ohio.  
 Enterprise Machine Co., 1118 S. 3rd, Minneapolis, Minn.  
 Enterprise Mach. & Garage Co., Franklin, Ky.  
 Enterprise Machine Works, Los Angeles, Cal.  
 Enterprise Mfg. Co., cotton sheeting, Augusta, Ga.  
 Enterprise Mfg. Co., sheet metal stampings, etc., 217 Ash, Akron, Ohio.  
 Enterprise Mfg. Co., grass catchers, hdwe. specialties, etc., 3d & Dauphin, Philadelphia, Pa.  
 Enterprise Mfg. & Cons. Co., gas ovens, 1706 Washington av, Kansas City, Mo.  
 Enterprise Mill Soap Wks., 2229 N. 12th, Philadelphia, Pa.  
 Enterprise Oil Co., 164 Chandler, Buffalo, N. Y.  
 Enterprise Optical Mfg. Co., 564 W. Randolph, Chicago, Ill.  
 Enterprise Paint Mfg. Co., 854 W. Van Buren, Chicago, Ill.  
 Enterprise Paving & Constr. Co., 8444 B'way, S. E., Cleveland, Ohio.  
 Enterprise Planing Mill Co., Hastings, Neb.  
 Enterprise Planing Mill Co., Hillsboro, Ohio.  
 Enterprise Plumbing Supply Co., 26 W. Kinsey, Chicago, Ill.  
 Enterprise Roofing Co., cornices, Memphis, Tenn.  
 Enterprise Sand Co., Fulton Bldg., Pittsburgh, Pa.  
 Enterprise Soap Works, Nashville, Tenn.  
 Enterprise Steam & Hot Water Heating Co., 600 N. Howard, Baltimore, Md.  
 Enterprise Stone Co., Peoria, Ill.  
 Enterprise Tool Co., E. 72nd, Cleveland, Ohio.  
 Enterprise Tool & Metal Wks., 126 S. Clinton, Chicago, Ill.  
 Enterprise Wire & Iron Wks., bk. railings, 1524 N. Regester, Baltimore, Md.  
 Entin & Rubin, contractors, 1357 W. Rockwell, Chicago, Ill.  
 Entlich, Henry M., architect, 432 S. 5th, Brooklyn, N. Y.  
 Entrekin, J. H., masons' & bldrs.' matls., Greenfield, Ill.  
 Entress Brick Co., common, Bedford av & Duff Hill, Pittsb'h, Pa.  
 Entwistle, T. C., Co., machsts., Lowell, Mass.  
 Envillie Mill & Gin Co., flour, Envillie, Tenn.  
 ENZ & ORR Fdry. Co., Denver, Colo.  
 ENZLER, Jos. A., trunk mfrs., Dubuque, Iowa.  
 Epeneter, G. F., Cornice Wks., Omaha, Neb.  
 Ephraim Sanitary Canning Co., Ephraim, Utah.  
 Ephrata Fdry & Mach. Wks., Ephrata, Pa.  
 Ephrata Stove Works, Ephrata, Pa.  
 Epling, Emery, architect, Lewiston, Idaho.  
 Eppelsheimer & Co., bakers' molds, 34 Hubert, New York.  
 Epperson, W. S., architect, Canton, Ohio.  
 Epping-Carpenter Pump Co., deep well, ft. 43d, Pittsburgh, Pa.  
 Epping Handle Co., Epping, N. H.  
 Eppinger & Russell Co., lbr., etc., 165 B'way, New York.  
 Eppler's, Jno., Mach. Wks., 629 Filbert, Philadelphia, Pa.  
 Epps, Orlo, architect, Oneonta, N. Y.  
 Epstein, Sam'l (Inc.), auto tops, 109 8th av, New York.  
 Epstein & Vollweller, packing box mfrs., 814 E. 5th, New York.  
 Equipment Co., machy. dlrs., mill & facty. supplies, etc., 1522 Grand av, Kansas City, Mo.  
 Equipment Co., marine hdwe., etc., South Paris, Me.  
 Equipoise Rivet Co., Waterbury, Conn.  
 Equitable Asphalt Maintenance Co., mixers, 1901 Campbell, Kansas City, Mo.  
 Equitable Brick Mfg. Co., Perry Bldg., Philadelphia, Pa.  
 Equitable Contrg. Co., 1834 B'way, New York.  
 Equitable Meter Co., machsts. & fndrs., 424 1st av, Pittsburgh, Pa.  
 Equitable Powder Mfg. Co., East Alton, Ill.  
 Erb Hdwe. Co., Lewiston, Idaho.  
 Erb, Isaac, architect, Port Huron, Mich.  
 Erb, W. B., & Co., machsts., 405 S. Clinton, Chicago, Ill.  
 Erbeck, F. J., contractor, Homestead, Pa.  
 Erbeling, E. J., Co., heating contractors, Augusta, Ga.  
 Erbestos Brake Lining Co., 242 N. 17th, Philadelphia, Pa.  
 Erby, Wm., & Sons Co., carriages, 121 W. Grand av, Chicago, Ill.  
 Erd Motor Co., machsts., Saginaw, Mich.  
 Erda, Gustave, architect, 826 Manhattan av, Brooklyn, N. Y.  
 Erdle Perforating Co., perforated metals, 181 York, Rochester, N. Y. *See adv index at end of book.*  
 Erdman, Geo. F., lumber, Williamsport, Pa.  
 Erdman-Guider Co., auto. wood bodies, 2290 Woodward av, Detroit, Mich.  
 Erhart, Chris., grey iron castings, 1237 W. 6th, Cincinnati, O.  
 Erhart, Fred, architect, Norton Bldg., Louisville, Ky.  
 Erich, G. F., Co., masons' & bldrs.' matls., Allentown, Pa.  
 Ericka Mfg. Co., metal polish & hand soap, Springfield, Mass.  
 Ericksen, A. G., contractor, 404 N. Prior av, St. Paul, Minn.  
 Ericksen, F., Co., stone producers, Stone City, Ia.  
 Erickson, Andrew L., machsts., Ladd, Ill.  
 Erickson, Aug., & Co., granite, St. Cloud, Minn.  
 Erickson & Bissell, lumber, Escanaba, Mich.  
 Erickson, C. E., & Co., advtg. specialties, Des Moines, Ia.  
 Erickson, G., & Bro., lumber, Fall River, Mass.  
 Erickson, Henry E., archt., Am. Nat. Bk. Bldg., St. Paul, Minn.  
 Erickson, Herbert, architect, Gary, Ind.  
 Erickson, J. M., boxes—rural mail, Slater, Ia.  
 Erickson, John E., machst., Fillmore av & Walter, St. Paul, Minn.  
 Erickson, Louis, & Son, contractors, Ishpeming, Mich.  
 Erickson & Petterson, contractors, Monadnock Bldg., San Francisco, Cal.  
 Erickson Soap Co., Hartford, Conn.  
 Ericsson, Henry, Co., contractors, 139 N. Clark, Chicago, Ill.  
 Ericsson Mfg. Co., lightning arresters, & telephone apparatus, 1100 Military rd, Buffalo, N. Y.  
 Erie Art Metal Co., Erie, Pa.  
 Erie Basin Dry Dock, ft. of Beard & Lond Dock, B'klyn, N. Y.  
 Erie Blue Stone Association, 341 5th av, New York.  
 Erie-Buffalo Tube Co., seamless tubes, 1227 W. 18th, Erie, Pa.  
 Erie Bldg. Co., Erie Co. Bk. Bldg., Buffalo, N. Y.  
 Erie Burial Case Co., coffins, caskets, etc., Erie, Pa.  
 Erie Button Wks., Erie, Pa.  
**ERIE CAR WORKS**, mfrs. industrial cars, 1150 West 17th, Erie, Pa.  
 Erie City Iron Works, steam boilers, engines & tanks, East av & L. L. & M. C. Ry., Erie, Pa.  
 Erie City Mfg. Co., carpet beaters, handles, mops, etc., Erie, Pa.  
 Erie Clutch & Mach. Co., flanged pulleys, Cuyahoga Falls, Ohio.  
 Erie Clutch & Pulley Co., hoisting machinery, 20th & Holland, Erie, Pa.  
 Erie Constr. Co., Marine Natl. Bk. Bldg., Buffalo, N. Y.  
 Erie Contr. Co., D. S. Morgan Bldg., Buffalo, N. Y.  
 Erie Distilling Co., 154 E. Eagle, Buffalo, N. Y.  
 Erie Elec. Blue Print Co., Erie, Pa.  
 Erie Engine Works, engine & boiler builders, 12th & Walnut, Erie, Pa.



- Erie Forge Co., forgings in carbon & alloy steels, 15th & Cascade, Erie, Pa.  
 Erie Foundry Co., drop hammers, 12th & Cranberry, Erie, Pa.  
 Erie Foundry Co., Rochester, N. Y.  
 Erie Gas Mantle Mfg. Co., Erie, Pa.  
 Erie Hard Wall Plaster Co., Erie, Pa.  
 Erie Hardware Co., Erie, Pa.  
 Erie Iron & Metal Co., Erie, Pa.  
 Erie Iron & Steel Co., iron & steel scrap, 16th & Raspberry, Erie, Pa.  
 Erie Lay Boy Co., paper stackers, Erie, Pa.  
 Erie Machine Shops, road rollers, 1301 Peach, Erie, Pa.  
 Erie Malleable Iron Co., automobile castings, 12th & Cherry, Erie, Pa.  
 Erie Mfg. & Supply Co., mill & factory supplies, 1215 Peach, Erie, Pa.  
 Erie Mill & Marine Supply Co., 80 Pearl, Buffalo, N. Y.  
 Erie Mop & Wringer Co., Erie, Pa.  
 Erie Motor Truck Co., Erie, Pa.  
 Erie Oil Co., lubrg., Erie, Pa.  
 Erie Pail Fcty., Erie, Pa.  
 Erie Pump & Equipment Co., Erie, Pa.  
 Erie Reduction Co., fertilizer mfrs., Erie, Pa.  
 Erie Sand & Gravel Co., Erie, Pa.  
 Erie Specialty Co., hdwe. mfrs., castings, etc., 510 W. 12th, Erie, Pa.  
 Erie Stamping & Mfg. Co., metal stampings, 644 W. 12th, Erie, Pa.  
 Erie Stone Co., Toledo, Ohio.  
 Erie Toe Calk Mach. Co., Erie, Pa.  
 Erie Tool Wks., machsts., Erie, Pa.  
 Erie Trailer Mfg. Co., auto. truck trailers, Erie, Pa.  
 Erie White Metal Co., fndrs., Erie, Pa.  
 Erie Window Glass Co., Erie, Pa.  
 Erieg, Wm. J., paint mfrs., Williamsport, Pa.  
 Erietz Stove & Mfg. Co., Erie, Pa.  
 Erikson, L., Elec. Co., lamp adapters, 6 Portland, Boston, Mass.  
 Erixson, Fred. A., contractor, Salem, Ore.  
 Erk Bros., cornices, Honesdale, Pa.  
 Erkenbrach, Geo. A., Co., soluble cotton, ammonia, acetone, etc., chem., 115 Maiden la, New York.  
 Erker, Adam M., cornices, 432 W. 37th, New York.  
 Erkins Studios, sun dials, 227 Lexington av, New York.  
 Erlandsen, Julius, machinist, 172 Centre, New York.  
 Erlbacher, B., machinist, Cape Girardeau, Mo.  
 Erlar, Richard W., architect, 45 Clinton, Newark, N. J.  
 Ermeling, Ralph W., architect, 189 W. Madison, Chicago, Ill.  
 Ermold, Edw., Co., labeling machs., 656 Hudson, New York.  
 Ernecke & Salmstein Co., paints, enamels, etc., 1509 N. Halsted, Chicago, Ill.  
 Erner Electric Co., knife switches, St. Clair av & E. 2d, Cleveland, Ohio.  
 Ernest Piano Co., 30 Greenwich av, New York.  
 Erndol, Geo., Co., surgical instruments, 362 2d av, New York.  
 Ernsdorff, John, Iron Co., Dubuque, Ia.  
 Ernst, B., Bros., meat packers, 2920 N. 6th, Philadelphia, Pa.  
 Ernst, C. K., machinist, Buffalo, N. Y.  
 Ernst, Chas., architect, Tiffin, Ohio.  
 Ernst, Chas. K., ash hoists, conveyors, etc., 1001 E. Ferry, Buffalo, N. Y.  
 Ernst, Frank, lumber mfrs., Bleecker, N. Y.  
 Ernst, Gustave, arch'l iron, 505 E. 165th, New York.  
 Ernst Hardware & Plumbing Co., cornices & skylights, Seattle, Wash.  
 Ernst, Louis, & Sons, whol. hdwe., mill & facty. supplies, etc., 43 South av, Rochester, N. Y.  
 Ernst's, Chas. F., Sons, steel, iron, Buffalo, N. Y.  
 Erny, Hy., ice cream machs., etc., 75 Fulton, New York.  
 Erogh, Fred., architect, Farmers Ln. & Tr. Bldg., Sioux City, Ia.  
 Errington, F. A., machinist, 39 Cortlandt, New York.  
 Erskine, Alex., woolen blankets, 4th & Somerset, Phila., Pa.  
 Erskine, Jas. Lowe, Co., brushes, 462 Greenwich, New York.  
 Ertel, Geo., Co., agricultural implements, Quincy, Ill.  
 Ertz, C. W., architect, Pittock Blk., Portland, Ore.  
 Ervien, Chas. W., & Co., steel plate wk., stacks, tanks, etc., Venango & G, Philadelphia, Pa.  
 Ervin Bros. Co., wholesale hardware, Jackson, Ohio.  
 Ervin, D. S., Co., lime, Cedarville, Ohio.  
 Ervin Mfg. Co., mattresses, El Paso, Tex.  
 Erving Paper Mills, Erving, Mass.  
 Erwin, Arch. B., stone producers, Port Kennedy, Pa.  
 Erwin & Co., machinists, 3736 Cottage Grv. av, Chicago, Ill.  
 Erwin Cotton Mill Co., West Durham, N. C.  
 Erwin, Hy., & Sons, mortar color mfrs., Bethlehem, Pa.  
 Erwin, J. M., flour, Byers, Tex.  
 Erwin Motor & Machine Co., 31st & Dauphin, Phila., Pa.  
 Esberjornson, John, masons' & bldrs.' matls., Litchfield, Minn.  
 Escambia Land & Mfg. Co., lumber, Pace, Fla.  
 Escanaba Hardware Co., Escanaba, Mich.  
 Escanaba Mfg. Co., paper & wood plates & handles, etc., St. Louis, Mo.  
 Escanaba Pulp & Paper Co., Groos, Mich.  
 Esche-Nelson Milling Co., wheat flour, Manawa, Wis.  
 Eschmann, B. & J., marble wk., 412 E. 37th, New York.  
 Eschweiler, Alex., Co., architect, Goldsmith Bldg., Milwaukee, Wis.  
 Esenwein & Johnson, architects, 775 Ellicott sq., Buffalo, N. Y.  
 Esenwine, Geo. W., founders, Salona, Pa.  
 Eshelman, David, & Son, contractors, Anderson, Ind.  
 Eshelman, Jas. C., contractor, 35 N. Dearborn, Chicago, Ill.  
 Eshelman, U. H., contractor, Franklin, Pa.  
 Eskrigge, Frank T., architect, 17 Milk, Boston, Mass.  
 Esleack Mfg. Co., paper & pulp mills, Turners Falls, Mass.  
 Esllen Sheet Metal Wks., 1001 30th, Milwaukee, Wis.  
 Esmeralda Canning Co., Circleville, Ohio.  
 Esmond Mills, blankets, carriage robes, Esmond, R. I.  
 Esmueller Mill Furnishing Co., 1222 S. 8th, S., St. Louis, Mo.  
 Espedahl, Jacob, architect, Daytona, Fla.  
 Espen-Lucas Machine Works, machinery mfrs., 21 Girard, Philadelphia, Pa.  
 Ess Bros., machinists, Chaska, Minn.  
 Essanay Film Mfg. Co., 1333 Argyle, Chicago, Ill.  
 Essebagger, C. M., architect, Houseman Bldg., Grand Rapids, Mich.  
 Essena, Chas., contractor, Somerville, Boston, Mass.  
 Essenwanger, Chas., & Son., cornices, 280 E. 148th, New York.  
 Esser, Herman J., architect, Camp Bldg., Milwaukee, Wis.  
 Esser, John F., storage batteries, 1206 2d av, New York.  
 Esser & Schmidt, cornices & skylights, Hartford, Wis.  
 Essex Brass Foundry Co., Cambridge, Mass.  
 Essex Cornice Wks., 107 Houston, Newark, N. J.  
 Essex Engine Co., Lynn, Mass.  
 Essex Foundry, Murray, Newark, N. J.  
 Essex, G. B., Brass Co., dial cocks, lubricators, pumps, etc., Detroit, Mich.  
 Essex Glass Co., Mount Vernon, Ohio.  
 Essex Heel Co., Haverhill, Mass.  
 Essex Horse Nail Co. (Ltd.), Essex, N. Y.  
 Essex Mach. Co., Lynn, Mass.  
 Essex Packing Co., Tappahannock, Va.  
 Essex Pad & Paper Co., Holyoke, Mass.  
 Essex, Robt., Incubator Co., Buffalo, N. Y.  
 Essex Rubber Co., Trenton, N. J.  
 Essex Supply Co., mill & facty. supplies, 54 Polk, Newark, N. J.  
 Essex Varnish Co., 84 Vesey, Newark, N. J.  
 Essig & Myers, brick, N. 2d n. Butler, Philadelphia, Pa.  
 Essig, W. W., & Co., landscape archs., Farwell Bldg., Detroit, Mich.  
 Essley, E. L., Machy. Co., 555 Washington blvd., Chicago, Ill.  
 Essmueller Mill Furnishing Co., 1222 S. 8th, St. Louis, Mo.  
 Esson Sand & Gravel Co., 111 W. Washington, Chicago, Ill.  
 Estabrook, Frank E., architect, Newburgh, N. Y.  
 Estabrook, Geo. R., cornices, Springfield, Mass.  
 Estabrook's, R., Sons, plumbers' supplies—jobbers, 202 1st, Boston, Mass.  
 Estate Stove Co., elec. cooking app., Hamilton, Ohio.  
 Este, Chas., Co., lumber, 3d & Allegheny, Philadelphia, Pa.  
 Estep, Chas. A., & Son, masons' & bldrs.' matls., Portland, Mich.  
 Estep, Harry S., architect, Empire Bldg., Pittsburgh, Pa.  
 Estep, Miles E., landscape arch., Paulsen Bldg., Spokane, Wash.  
 Ester, W. E., hgt. contrs., Auburn, Wash.  
 Esterbrook Steel Pen Mfg. Co., machinists, Camden, N. J.  
 Estergreen, F. E., machinist, Hastings, Minn.  
 Esterline Co., watermeters, tachometers, recorders, etc., Indianapolis, Ind.  
 Estes, E. B., & Sons, wood turnings, wooden ware & novelties, etc., mfrs., 358 5th av, New York.  
*See adv index at end of book.*  
 Estes, L. V., efficiency engineers, 332 S. Mich. av, Chicago, Ill.  
 Estes Mills, cordage, twine & waste mfrs., Fall River, Mass.  
 Estey Bros., archl. iron, 270 Union av, Brooklyn, N. Y.  
 Estey Organ Co., pianos, Brattleboro, Vt.  
 Estey Piano Co., So. Blvd. & Lincoln av, New York.  
 Estey Wire Wks. Co., wire goods mfrs., 34 Cliff, New York.  
 Estle & O'Brien Boiler Co., Portland, Me.  
 Esty Sprinkler Co., machsts. & fndrs., Laconia, N. H.  
 Esty, Wm., machst. & fndr., Laconia, N. H.  
 Etheridge, J. E., Lumber Co., Norfolk, Va.  
 Etherton, E. E., Co., contractors, Monadnock Bldg., San Francisco, Cal.  
 Etiwan Fertz. Co., Charleston, S. C.  
 Etna Co., machinists & founders, Taunton, Mass.  
 Etna Forge & Bolt Co., House Bldg., Pittsburgh, Pa.  
 Etna Foundry Co., Etna, Pa.  
 Etna Machine Co., machsts. & fndrs., metal cutting-off machines, Maplewood av., Toledo, Ohio.  
 Etnyre, E. D., & Co., street sprinkling carts & wagons, Oregon, Ill.  
 Etsweiler, Wm., mill & facty. supplies, 230 N. 3d, Phila., Pa.  
 Etter Bros., brick, Dupont, Ohio.  
 Etting, A. E., flour, David City, Neb.  
 Ettinger, J. M., heaters, 70 W. Lake, Chicago, Ill.  
 Ettler, Jno. A., architect, 604 Mission, San Francisco, Cal.  
 Ettlinger, Louis, & Sons, jewelry cases, 65 Nassau, New York.  
 Ettman, H. L., Sponge Co., 112 Pine, St. Louis, Mo.  
 Etzel, M., & Sons, Inc., wood auto. bodies, 101 Fairmont av, New Haven, Conn.  
 Eubank & Amacher Wagon Wks., Portland, Ore.  
 Eubank Canning Co., Eubank, Ky.  
 Eubank Machy. Co., Dallas, Tex.  
 Eubank Tankard Co., canned goods, Kilmarnock, Va.  
 Euclid Av. Electric Fixture Co., 5213 Euclid av, Cleveland, O.  
 Euclid Av. Lumber Co., 11710 Euclid av, Cleveland, Ohio.



- Euclid Crane & Hoist Co., Euclid, Ohio.  
 Euclid Furnace & Cornice Wks., 749 N. Euclid, St. Louis, Mo.  
 Euclid Mfg. Co., acid storage tanks, Paden City, W. Va.  
 Euclid Stone & Brick Co., Electric Bldg., Cleveland, Ohio.  
 Euell, Geo. Raymond, architect, 125 Sherman av., New York.  
 Eugene Fruit Growers' Assn., canned goods, Eugene, Ore.  
 Eugene Lbr. Co., Eugene, Ore.  
 Eugene Woolen Mill Co., carriage robes, Eugene, Ohio.  
 Eureka Art Glass Co., 2915 Lincoln, Chicago, Ill.  
 Eureka Automatic Elec. Signal Co., Tamaqua, Pa.  
 Eureka Bending & Wheel Works, wood bending, York, Pa.  
 Eureka Blotter Bath Co., 6221 Wentworth av., Chicago, Ill.  
 Eureka Boiler Works Co., 166 Fremont, San Francisco, Cal.  
 Eureka Brass Co., 601 Red Bud av., St. Louis, Mo.  
 Eureka Brass Wks., machsts. & fndrs., 1040 Hulbert av., Cincinnati, Ohio.  
 Eureka Brick Co., Norfolk, Va.  
 Eureka Button Co., 684 B'way, New York.  
 Eureka Calcium Wks., chloride of calcium, Pomeroy, Ohio.  
 Eureka Canning Co., Bishopville, Md.  
 Eureka Cedar Lumber & Shingle Co., Hoquiam, Wash.  
 Eureka Chandelier Co., 153 Lafayette, New York.  
 Eureka Chemical Co., paint mfrs., 970 Grand av., B'klyn, N. Y.  
 Eureka Co., armatures, machsts. & fndrs., North East, Pa.  
 Eureka Co., carriages, Rock Falls, Ill.  
 Eureka Cotton Mills, cotton twine, Englewood, Tenn.  
 Eureka Cotton Mills, sheetings, Lancaster, S. C.  
 Eureka Digger Co., machsts., 227 W. Huron, Chicago, Ill.  
 Eureka Fence Mfg. Co., Richmond, Ind.  
 Eureka Fire Brick Wks., Mount Braddock, Pa.  
 Eureka Fire Hose Mfg. Co., 27 Barclay, New York.  
 Eureka Flint & Spar Co., silica mfrs., Feldspar Mines, Trenton, N. J.  
 Eureka Fluid Wks., chemicals, 129 Valencia, San Francisco, Cal.  
 Eureka Foundry Co., Chattanooga, Tenn.  
 Eureka Granite Co., Hardwick, Vt.  
 Eureka Htg. & Ventg. Co., Saginaw, Mich.  
 Eureka Instrument & Appliance Co., 419 Granite Bld., Rochester, N. Y.  
 Eureka Iron Mfg. Co., steam traps, 1451 W. Harrison, Chicago, Ill.  
 Eureka Iron & Wire Works, 374 11th, San Francisco, Cal.  
 Eureka Lamp Co., 424 Columbia, Weehawken, N. J.  
 Eureka Machine Co., machsts. & fndrs., Lansing, Mich.  
 Eureka Machine Shop, machy., Cleveland, Ohio.  
 Eureka Mfg. Co., oilers, Council Bluffs, Ia.  
 Eureka Mills Co., 711 Theresa av., St. Louis, Mo.  
 Eureka Mower Co., agricultural implement mfrs., 16 Hickory, Utica, N. Y.  
 Eureka Packing Co., sheet packing, 78 Murray, New York.  
 Eureka Paper Co., 265 W. B'way, New York, & Fulton, N. Y.  
 Eureka Planing Mill & Lumber Co., sash, door & blind, Fostoria, Ohio.  
 Eureka Pneumatic Spray Co., 62 9th av., New York.  
 Eureka Rubbing Stone Co., 157 W. Austin, Chicago, Ill.  
 Eureka Sash, Door & Moulding Mills, 1715 Mission, San Francisco, Cal.  
 Eureka Silk Mfg. Co., silk thread, Putnam, Conn.  
 Eureka Slate Mfg. Co. (Ltd.), roofing slate mfrs., Slatington, Pa.  
 Eureka Slate Quarries, Fair Haven, Vt.  
 Eureka Spring Co., 150 Bleecker, New York.  
 Eureka Stone & Paving Co., St. Petersburg, Fla.  
 Eureka Supply Co., archl. iron, Chattanooga, Tenn.  
 Eureka Supply Co., terminal blocks, nails, elec. cable hangers & battery holders, Sewell, N. J.  
 Eureka Tackle Block Mfg. Co., 442 E. Front, Cincinnati, Ohio.  
 Eureka Vacuum Cleaner Co., D. Whitney Bldg., Detroit, Mich.  
 Eureka Vibrator Co., 131 W. 42d, New York.  
 Eureka Water Heater Co., 37 W. Lake, Chicago, Ill.  
 Eureka White Marble Quarries, Talladega, Ala.  
 Eurich, Frank, Jr., architect, 173 Main, Hackensack, N. J.  
 European Color & Chemical Co., 154 Nassau, New York.  
 European Knitting Mills, sweaters, cardigans, etc., 80 Manhattan av., Brooklyn, N. Y.  
 Eustis, J. P., Mfg. Co., bathroom accessories mfrs., Cambridge, Mass.  
 Eutsler Bros., contractors, Grottoes, Va.  
 Euston Process Co., white & red lead mfrs., Scranton, Pa.  
 Euston White Lead Co., Wabash tracks, St. Louis, Mo.  
 Evangeline Iron Works, Evangeline, La.  
 Evans, A. E., contractor, 5 McIntyre av., Pittsburgh, Pa.  
 Evans, A. J., Canning Co., Fort Valley, Ga.  
 Evans, Almirall & Co., htg. contrs., 1 Dominick, New York.  
 Evans, Andrew J., corn brooms, Terre Haute, Ind.  
 Evans, B. A., agricultural implements, Hammond, N. Y.  
 Evans, B., & Bro., masons' & bldrs.' matls., Norristown, Pa.  
 Evans & Black, architects, Flint, Mich.  
 Evans Bros., contractors, Lafayette, Ind.  
 Evans Bros. Const. Co., 2312 av F, Birmingham, Ala.  
 Evans, Burd P., & Co., contractors, 13th & Wallace, Phila., Pa.  
 Evans, C. H., & Co., crank & fly wheel steam pump mfrs., 179 Fremont, San Francisco, Cal.  
 Evans, C. P., architect, Felt Bldg., Salt Lake City, Utah.  
 Evans & Calloway, lbr., Fowler, Ind.  
 Evans, Chas., Jr., cardigans, sweaters, etc., Needham Heights, Mass.  
 Evans, Chas. P., sash, door & blind mrs., Rochester, N. Y.  
 Evans, Chas. S., architect, Hall Bldg., Kansas City, Mo.  
 Evans, Clark W., architect, Coal Exchange Bldg., Wilkes-Barre, Pa.  
 Evans Clay Mfg. Co., Uhrichsville, Ohio.  
 Evans & Co., wool wadding, Lockport, N. Y.  
 Evans & Convery, rubber & steel stamps, stencils, etc., 24 N. 6th, Philadelphia, Pa.  
 Evans & Coppins Co., machsts., Princeton, Ill.  
 Evans, Dan'l, Const. Co., Odd Fellows Bldg., St. Louis, Mo.  
 Evans & Eichner, oven bldrs., 29 W. Lake, Chicago, Ill.  
 Evans, Evan, contractor, 1226 Ida, Cincinnati, O.  
 Evans, F. H., expansion bolts, heaters, etc., 31 Hewes, Brooklyn, N. Y.  
 Evans Friction Cone Co., pulleys, variable speed transmission, etc., Newton Centre, Mass.  
 Evans, G. H., Lumber Co., Chattanooga, Tenn.  
 Evans, G. W., canned goods, Aberdeen, Md.  
 Evans, H. C., & Co., toys, games & nov., 75 W. Van Buren, Chicago, Ill.  
 Evans, H. R., & So., contrs., 10 Mathewson, Providence, R. I.  
 Evans, I. H., turpentine, Halcyon Dale, Ga.  
 Evans, J. B., Constr. Co., Mexico, Mo.  
 Evans, John A., Co., ventg. app. for power plants, etc., Richmond, Ind.  
 Evans, Jno., & Co., archl. modelers & sculptors, 77 Huntington av., Boston, Mass.  
 Evans, John, Sons, machsts., 506 N. 13th, Philadelphia, Pa.  
 Evans, John, Stone & Lime Co., Marion, Ohio.  
 Evans, Jos. T., masons' & bldrs.' matls., Riverton, N. J.  
 Evans, L. N., & Co., pkg. box mfrs., Bennington, Vt.  
 Evans-Lee Co., masons' & bldrs.' matls., Eau Claire, Wis.  
 Evans & Liddle, corn brooms, Lockport, N. Y.  
 Evans Linseed Oil Co., Indianapolis, Ind.  
 Evans Mfg. Co. (Ltd.), machsts. & fndrs., Butler, Pa.  
 Evans Marble Co., marble producers, Baltimore, Md.  
 Evans Marble Co., 133 N. Clark, Chicago, Ill.  
 Evans, Melvern R., architect, 10½ E. Orange, Lancaster, Pa.  
 Evans Milling Co., cereal foods, Indianapolis, Ind.  
 Evans Mill Supply Co., 212 Summer, Boston, Mass.  
 Evans Mold & Fndry. Co., Uniontown, Pa.  
 Evans Oil Wks., 637 Elsinore, Cincinnati, Ohio.  
 Evans, Oscar E., & Co., architects, 2367 Mission, San Fran., Cal.  
 Evans Products Corp., duplicators, 46 Murray, New York.  
 Evans, R. H., & Co., contractors, Columbus Savings & Trust Bldg., Columbus, Ohio.  
 Evans, S. T., contractor, Mount Vernon, N. Y.  
 Evans, S. W., & Son, machsts. & fndrs., 4623 Paul, Phila., Pa.  
 Evans & Son, masons' & bldrs.' matls., Thomasville, Ga.  
 Evans Stamping & Plating Co., marine gears & tapping machines, Taunton, Mass.  
 Evans, T. L., Sons, stone producers, Danville, Pa.  
 Evans, Thos. E., brick, Reynoldsville, Pa.  
 Evans, W. Lewis, & Co., hinges, Washington, Ind.  
 Evans, W. P., granite prod., Lithonia, Ga.  
 Evans, W. S., & Son, lumber, Elba, La.  
 Evans & Warner, architects, Witherspoon Bldg., Phila., Pa.  
 Evans, Wylie H., architect, 612 Ohio, Terre Haute, Ind.  
 Evanston Bldg. Matl. Co., masons' & bldrs.' matls., & contractors, Evanston, Ill.  
 Evansville Brass Wks., Evansville, Ind.  
 Evansville Brick & Tile Co., Evansville, Ind.  
 Evansville Broom Co., Evansville, Ind.  
 Evansville Canning Co., Evansville, Wis.  
 Evansville Coffin Co., Evansville, Ind.  
 Evansville Desk Co., Evansville, Ind.  
 Evansville Lthr. & Belting Co., Evansville, Ind.  
 Evansville Metal Bed Co., Evansville, Ind.  
 Evansville Mirror & Beveling Co., Evansville, Ind.  
 Evansville Oil Co., lubrg., Evansville, Ind.  
 Evansville Packing Co., meat packers, Evansville, Ind.  
 Evansville Paint & Varnish Co., plate glass, Evansville, Ind.  
 Evansville Planing Mill Co., Evansville, Ind.  
 Evansville Sand & Gravel Co., Evansville, Ind.  
 Evansville Sash & Door Co., Evansville, Ind.  
 Evansville Stove Wks., Evansville, Ind.  
 Evansville Supply Co., machsts' tools & steam fitters' supplies, Evansville, Ind.  
 Evansville Surprise Bed Spring Co., Evansville, Ind.  
 Evansville Tool Wks., machsts. & fndrs., Evansville, Ind.  
 Evansville Trunk Co., Evansville, Ind.  
 Evansville Veneer Co., Evansville, Ind.  
 Everts Machine Co., piston rings, Hartford, Conn.  
 Eveland, G. H., canned goods, Miami, Ohio.  
 Evenlid, B., architect, Ramge Bldg., Omaha, Neb.  
 Evans & Howard Fire Brick Co., 920 Howard, St. Louis, Mo.  
 Evensta, E. G., & Co., contrs., N. W. Bldg., Minneapolis, Minn.  
 Ever Ready Mfg. Co., fire extinguishers, 42 Pearl, Buffalo, N. Y.  
 Ever Tight Piston Ring Co., 1424 Chestnut, St. Louis, Mo.  
 Everal, F. H., & Co., tile, Westerville, Ohio.  
 Evered Fndry. & Mach. Wks., Superior, Wis.  
 Everest, W. S., carriages, Easthampton, N. Y.  
 Everett, A. F. N., architect, Grand Bldg., Atlanta, Ga.  
 Everett, A., & Son, letters & figures, Auburn, N. Y.  
 Everett & Barron Co., shoe blacking & marking inks, 217 Canal, Providence, R. I.  
 Everett Brick Co., common, Everett, Wash.



- Everett Bros., fertilizer mfrs., Rockingham, N. C.  
 Everett Constr., Co., Everett, Wash.  
 Everett Distilling Co., Everett, Mass.  
 Everett Flour Mill Co., Everett, Wash.  
 Everett, J. A., hand seed sowers, Indianapolis, Ind.  
 Everett, J. F., architect, Boston Bldg., Seattle, Wash.  
 Everett, J. Guy, Co., cornices, 1119 W. Market, Louisville, Ky.  
 Everett Mfg. Co., wagon dump boxes, Newark, N. Y.  
 Everett Marine Ways, Inc., dry docks, Everett, Wash.  
 Everett Mills, denims, 120 Franklin, Boston, Mass.  
 Everett, Oliver, architect, 1940 Webster, San Francisco, Cal.  
 Everett Packing Co., canned goods, Everett, Wash.  
 Everett Piano Co., Albany, Boston, Mass.  
 Everett Pulp & Paper Co., Lowell, Wash.  
 Everett Sand & Gravel Co., Everett, Wash.  
 Everett Sash & Door Co., Everett, Wash.  
 Everett Shingle Co., lumber, Everett, Wash.  
 Everett, W. D. J., masons' & bldrs.' matls., West Milton, Ohio.  
 Everglade Cypress Lumber Co., Parkersburg, W. Va.  
 Evergreen Steam Stone Wks., Evergreen, N. Y.  
 Evergrip Gliding Caster Co., 41 Warren, New York.  
 Everham, Melville B., contractor, Chamber of Com., Detroit, Mich.  
 Everhard Co., brick, Massillon, Ohio.  
 Everhart, A. C., contractor, Williamsport, Pa.  
 Everhart Brass Works, 422 Penn. av, Scranton, Pa.  
 Everitt Bros., auto. tops, 669 Mack av, Detroit, Mich.  
 Everitt, C. H., contractor, Auburn Bldg., Buffalo, N. Y.  
 Everly, Wm., contractor, 314 Newton Claypool, Indianapolis, Ind.  
 Everman, Walton, architect, Bartlesville, Okla.  
 Evers, Geo. C., cornices & skylights, Spokane, Wash.  
 Evers Iron Works, machsts. & fndrs., 1569-71 Merwin, N. W., Cleveland, Ohio.  
 Evers, Jno., molding sand, Waterford, N. Y.  
 Eversharp Pencil Co., Peoples Gas Bldg., Chicago, Ill.  
 Eversole, A. B., ties & poles, Buckhorn, Ky.  
 Everson, C. G., & Co., elec. & gas light fixtures, 70 W. Lake, Chicago, Ill.  
 Everson & Co., granite, Rutland, Vt.  
 Everson Filter Co., 70 W. Lake, Chicago, Ill.  
 Everson Mfg. Co., hand vacuum cleaners, 271 Franklin, Boston, Mass.  
 Everson & Reed Co., rubber stamps, 88 Chambers, New York.  
 Everstick Anchor Co., handles, clamps, etc., 1624 N. 8th, St. Louis, Mo.  
 Everts, G. W., Lumber Co., ties, poles, etc., Plym. Bldg., Minneapolis, Minn.  
 Everts Mfg. Co., agricultural implements, Meridian, N. Y.  
 Everswear Mfg. Co., playground equipment, Springfield, Ohio.  
 Eves, A. W., lbr., Iola, Pa.  
 Evick, Thomas A., flour mills, Ceredo, W. Va.  
 Evinrude Motor Co., gas engines, 279 Walker, Milwaukee, Wis.  
 Ewald, Allen & Toensfeldt, architects, Security Bldg., St. Louis, Mo.  
 Ewald, F. H., contractor, Morrisville, Pa.  
 Ewald Iron Co., Louisville, Ky.  
 Ewart, A. C., architect, Beck Building, Portland, Ore.  
 Ewers Bros., contractors, 189 W. Broad, Columbus, O.  
 Ewert & Kutscheld, squaring shears, 3108 S. Halsted, Chicago, Ill.  
 Ewing, B., flour mills, Springville, Ala.  
 Ewing & Brockenbrough, contractors, Lafayette, Ind.  
 Ewing & Chappell, architects, 101 Park av, New York.  
 Ewing & Hooper, trunks, Nashville, Tenn.  
 Ewing, Jas., machst. & fndr., Fremont, Ind.  
 Ewing, W. R., Inc., contractor, 112 W. Adams, Chicago, Ill.  
 Excel Mfg. Co., tool & machine work, 7 Sherman, Charlestown, Mass.  
 Excel Mfg. Co., machsts., fndrs. & feed grinding & oil cake mills, Pottersville, N. J.  
 Excelsior Bag & Mfg. Co., canvas bags, hammocks, etc., Troy, N. Y.  
 Excelsior Ball Clay Co., modeling & potters' supplies, Cincinnati, Ohio.  
 Excelsior Bobbin & Spool Co., Newtown, Pa.  
 Excelsior Box Co., 311 S. Jefferson, Chicago, Ill.  
 Excelsior Brass Wks., founders, 1517 Spring, Philadelphia, Pa.  
 Excelsior Brass Works, Reading, Pa.  
 Excelsior Brick Co., Benson av nr. Caton, Baltimore, Md.  
 Excelsior Brick Co., Denver, Colo.  
 Excelsior Brick Co., Fredonia, Kan.  
 Excelsior Brick Co., Haverstraw, N. Y.  
 Excelsior Brick Co., Menomonie, Wis.  
 Excelsior Brick Co., Montgomery, Ala.  
 Excelsior Buggy Co., carriages, Goshen, Ind.  
 Excelsior Can Wks., 281 Pearl, New York.  
 Excelsior Car Roof Co., Chemical Bldg., St. Louis, Mo.  
 Excelsior Carriage Co., Watertown, N. Y.  
 Excelsior Cereal Milling Co., 726 Santa Fe av, Los Angeles, Cal.  
 Excelsior Cornice Wks., 1926 S. Colorado, Philadelphia, Pa.  
 Excelsior Cycle Store, machinists, 5430 B'way, Chicago, Ill.  
 Excelsior Drill Co., agricultural implements, Springfield, Ohio.  
 Excelsior Fence Co., farm gates, Spokane, Wash.  
 Excelsior Fire Clay Co., Lisbon, Ohio.  
 Excelsior Foundry Co., Belleville, Ill.  
 Excelsior Granite Co., Montpelier, Vt.  
 Excelsior Hardware Co., Stamford, Conn.  
 Excelsior Knitting Machine Mfg. Co., Allentown, Pa.  
 Excelsior Loom Reed Wks., Pawtucket, R. I.  
 Excelsior Mixer & Machy. Co., Milwaukee, Wis.  
 Excelsior Motor Mfg. & Supply Co., 3701 Cortland, Chicago, Ill.  
 Excelsior Needle Co., needles, "Dayton" swaging machines, hard specialties & ball bearing mfrs., Torrington, Conn.  
*See adv index at end of book.*  
 Excelsior Nickel Plating Wks., 40 Clifford, Providence, R. I.  
 Excelsior Package Handle Co., 44 N. 4th, Philadelphia, Pa.  
 Excelsior Pearl Wks., 178 Grand, New York.  
 Excelsior Plating Co., padlock locks, Lancaster, Pa.  
 Excelsior Powder Mfg. Co., dynamite mfrs., Kansas City, Mo.  
 Excelsior Press Brick Co., 1010 Chestnut, St. Louis, Mo.  
 Excelsior Pulley Co., Cuba, N. Y.  
 Excelsior Seat Co., carriage bodies, 5th av & River rd, Columbus, Ohio.  
 Excelsior Slate Co., Pen Argyl, Pa.  
 Excelsior Steam Engine & Mach. Co., 32 Friendship, Providence, R. I.  
 Excelsior Steel Ball Co., P. O. Box 52, Buffalo, N. Y.  
*See adv index at end of book.*  
 Excelsior Steel Furnace Co., 517 W. Monroe, Chicago, Ill.  
 Excelsior Stove & Mfg. Co., Quincy, Ill.  
 Excelsior Supply Co., excelsior, 1732 Merwin rd, Cleveland, Ohio.  
 Excelsior Tool & Machine Co., 32d & Ridge, E. St. Louis, Ill.  
 Excelsior Traveling Goods Co., 612 S. Canal, Chicago, Ill.  
 Excelsior Trunk Co., 606 Delaware, Kansas City, Mo.  
 Excelsior Umbrella Mfg. Co., 73 Summer, Boston, Mass.  
 Excelsior Valve Co., 108 Fulton, New York.  
 Excelsior Varnish Works, 1242 W. 74th, N. W., Cleveland, Ohio.  
 Excelsior Varnish Wks., 261 B'way, New York.  
 Excelsior Whiting Wks., York & Almond, Philadelphia, Pa.  
 Excelsior Wrapper Co., Sheboygan, Wis.  
 Excelvalve Co., valves, etc., 1777 B'way, New York.  
 Exchange Lumber Co., Roanoke, Va.  
 Exchange Mill Co., flour, Grafton, W. Va.  
 Exeter Brass Wks., Exeter, N. H.  
 Exeter Mach. Wks., Pittston, Pa.  
 Exeter Mfg. Co., cotton sheetings, Exeter, N. H.  
 Exline & Son, machinists, North Baltimore, Ohio.  
 Exner, Paul J., & Son, contractors, 109th & E. R., New York.  
 Expanded Metal Engng. Co., 101 Park av, New York.  
 Expanded Metal Fireproofing Co., floors & partitions, 541 Wood, Pittsburgh, Pa.  
 Export Am. Industries, trade publication, 30 Church, New York.  
 Export Lbr. Co., 15 William, New York.  
 Export Phosphate Co., 53 State, Boston, Mass.  
 Exportador Am., trade publication, 17 Battery pl, New York.  
 Exporters & Importers Journal, 17 State, New York.  
 Exporters' Review, trade publication, 80 Broad, New York.  
 Exposition Cotton Mills, cotton sheetings, Atlanta, Ga.  
 Extensive Mfg. Co., hack saw, labeling, envelope sealing machs., etc., 90 West, New York.  
 Eyelet Tool Co., 40 Lincoln, Boston, Mass.  
 Eyerma, Edw., contractor, Wilkes-Barre, Pa.  
 Eyerma, G., & Bro., bldg. contrs., 1216 S. Grand av, St. Louis, Mo.  
 Eynon-Evans Mfg. Co., engrs. specialties & brass comp. castings, N. 15th & Clearfield, Philadelphia, Pa.  
 Eyre-Shoemaker, contractors, Com. Trust Bldg., Philadelphia, Pa.  
 Eyre, Wilson, architect, 1003 Spruce, Philadelphia, Pa.  
 Eyre, Wilson & McIlvaine, architects, 317 Lexington av, New York.  
 Eyring, E., & Sons, contractors, 800 S. 3d, Baltimore, Md.  
 Eyssell, M., Const. Co., Odd Fellows Bldg., St. Louis, Mo.  
 Eyster, Weiser Co., machsts. & fndrs., York, Pa.  
 Ezell-Griffin Co., fertilizer, Eatonton, Ga.  
 Ezell-Wall Hardware Co., Spartanburg, S. C.  
 E-Z Mfg. Co., animal traps, Galesburg, Ill.  
 E-Z Opener Bag Co., Decatur, Ill.  
 E-Z Opener Bag Co., Fulton, N. Y.  
 Ezzel Mill & Stone Co., Newsoms Station, Tenn.  
 Faas, Chas. R., machsts., 34 S. 6th, Brooklyn, N. Y.  
 Fabbri, Frank, contractor, Litchfield, Conn.  
 Faber, A. W., lead pencils, rubber bands, 41 Dickerson, Newark, N. J.  
 Faber, Eberhard, fountain pen & crayon mfr., 200 5th av, New York.  
 Faber, Eberhard Pencil Co., 39 Greenpoint av, B'klyn, N. Y.  
 Faber, Eberhard Rubber Co., erasers, Newark, N. J.  
 Faber Engineering & Constr. Co., Bessemer Bldg., Pittsburgh, Pa.  
 Faber, F. H., & Co., slaughter house machy. dirs., Peoria, Ill.  
 Faber, H. C., & Son Co., trunk mfrs., Utica, N. Y.  
 Faber, Jacob, trunk mfrs., 78 Public sq, Cleveland, Ohio.  
 Faber, Johann, lead pencils, 54 Lafayette, New York.  
 Faber, L. Jr., & Sons, contractors, Carlisle, Pa.  
 Faber, Peter, bldg. contr., Madison, Wis.  
 Faber Piano Co., 351 Rider av, New York.  
 Faber Sulky Co., Rochester, N. Y.  
 Fabian, Robert W., architect, 33 Eld, New Haven, Conn.  
 Fabre & Bearwald, architects, Merchants National Bk. Bldg., San Francisco, Cal.  
 Fabric Fire Hose Co., rubber goods, 127 Duane, New York.  
 Fabric Roll Protector Co., South Bend, Ind.



- Fabry, T. P. J., wood carver, Rochester, N. Y.  
 Fabyan Woolen Co., Stafford Springs, Conn.  
 Face, E. W., & Son, brick, Norfolk, Va.  
 Fachtle, J., Sons, carriages, Middleport, Ohio.  
 Facile Window Co., 103 Park av, New York.  
 Factory Magazine, trade publication, 5 N. Wabash av, Chicago, Ill.  
 Factory & Mill Supply Co., 137 Oliver, Boston, Mass.  
 Fadeley, Harrison, flour mills, Edinburg, Va.  
 Fadum, Fred'k, machsts., 408 W. German, Baltimore, Md.  
 Faessler, J., Mfg Co., mill & facty. supplies, Moberly, Mo.  
 Faeth Iron Co., whol. hdwe., 1125 N. 8th, Kansas City, Mo.  
 Fafnir Bearing Co. (The), ball bearings for automobiles, trucks, tractors, electric motors, machine tools & machinery in general, New Britain, Conn. *See adv index at end of book.*  
 Fagan Iron Wks., 14th, Jersey City, N. J.  
 Fagan, Jas., & Son, packing box mfrs., 204 W. Houston, New York.  
 Fager, G. C., & Sons, cornices, Harrisburg, Pa.  
 Fager, John A., cornices, 213 E. 144th, New York.  
 Fahn, McJunkin, tungsten wire, pumps, etc., 50 E. 41st, New York.  
 Fahnestock Elec. Co., testing clamps, & elect'l spec. mfrs., Meadow, Long Island City, N. Y.  
 Fahnestock, Frank G., Jr., architect, Harrisburg, Pa.  
 Fahle & Dietrich, cornices, 537 Oliver, Cincinnati, Ohio.  
 Fahnestock & Miller, mattresses, Chambersburg, Pa.  
 Fabrig Metal Co., 34 Commerce, New York.  
 Fahrney, Edw. B., fruit evaporators, Waynesboro, Pa.  
 Fahys, Jos., & Co., 54 Maiden la, New York.  
 Faiella, Wm. A., architect, 391 E. 149th, New York.  
 Failing, McCalman Co., whol. hdwe., 2d & Ash, Portland, Ore.  
 Falls, N. B., Lubricating Co., Prudential Bldg., Buffalo, N. Y.  
 Fain Knitting Mills, sweaters, cardigans, etc., 902 Park av, Brooklyn, N. Y.  
 Fair, D. J., Lumber Co., Sterling, Kans.  
 Fair, D. McClure, contractor, 6023 Hoevler, Pittsburgh, Pa.  
 Fair Foundry Co., Knoxville, Tenn.  
 Fair, Geo., & Son, agricultural implements, Blaine, Mich.  
 Fair Haven Laundry & Machine Co., hoisting engines, etc., Fair Haven, Vt.  
 Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.  
 Fair Mfg. Co., machinists, 617 Bryant, San Francisco, Cal.  
 Fair, Perry W., architect, Bass blk., Fort Wayne, Ind.  
 Fair Play Canning Co., Fair Play, Mo.  
 Fair, S., & Son, fndrs., Saginaw, Mich.  
 Fairbank, N. K., Co., soap, 111 W. Washington, Chicago, Ill.  
 Fairbanks Co., valves, scales, mill, facty. & plumbers' supplies, machy. dlrs., 416 Broome, New York.  
 Fairbanks Co., founders, Springfield, Ohio.  
 Fairbanks, E. & T., & Co., machsts., fndrs. & scales, St. Johnsbury, Vt.  
 Fairbanks, Geo. L., & Son, machsts., Worcester, Mass.  
 Fairbanks, Morse & Co., cars, cranes, engines, pumps & machy. mfrs., fndrs., machsts., tools & supplies, compressors, steam fitters' supplies, 900 S. Wabash av, Chicago, Ill.  
 Fairbanks-Morse Elec'l Mfg. Co., machsts. & fndrs., Indianapolis, Ind.  
 Fairbanks, R. J., & Sons, lumber mfrs., Hermon, N. Y.  
 Fairbanks Steam Shovel Co., 173 Leader, Marion, Ohio.  
 Fairburn Oil & Fertilizer Co., cottonseed meal, Fairburn, Ga.  
 Fairbury Carriage Co., Fairbury, Ill.  
 Fairchance Distilling Co., Fairchance, Pa.  
 Fairchild & Betts, machsts. & fndrs., Warren, Pa.  
 Fairchild, Chas. A., architect, Kalamazoo, Mich.  
 Fairchild, Gilmore & Wilton Co., contractors, 607 S. Main, Los Angeles, & San Diego, Cal.  
 Fairchild, L. C., corn brooms, Greene, N. Y.  
 Fairchild, W. H., & Bro., soap, metal polish, 6 W. Austin av, Chicago, Ill.  
 Fairchild, M. H., & Bros., soap, 620 Atlantic av, Boston, Mass.  
 Fairchild & Shelton Co., soap, 305 Housatonic av, Bridgeport, Conn.  
 Fairdale Canning Co., Bridgeton, N. J.  
 Fairfacts Co., china for plumbing wk., 104 E. 41st, New York.  
 Fairfax Refining Co., lubrg. oils, Cleveland, Ohio.  
 Fairfield Auto Co., gas engines, Bridgeport, Conn.  
 Fairfield Gin & Milling Co., Cochrane, Ala.  
 Fairfield Lawn Swing Co., Brunswick, Me.  
 Fairfield Lumber Co., Fairfield, Ill.  
 Fairfield Paper Co., Baltimore, Ohio.  
 Fairfield Plow Wks., North Fairfield, Ohio.  
 Fairfield Rubber Co., Fairfield, Conn.  
 Fairforest Cotton Oil Co., fertz. mfrs., Fairforest, S. C.  
 Fairhall, Jos., Jr., machsts., Danville, Ill.  
 Fairhaven Iron Foundry Co., Fairhaven, Mass.  
 Fairlamb, P. H., Co., masons' & bldrs.' matls., 113 S. 30th, Philadelphia, Pa.  
 Fairmont Bottle Co., glass, Fairmont, W. Va.  
 Fairmont Box Co., Canajoharie, N. Y.  
 Fairmont Coal Co., 14 Wall, New York.  
 Fairmont Feed & Storage Co., flour mills, Fairmont, W. Va.  
 Fairmont Gas Engine & Ry. Motor Car Co., Fairmont, Minn.  
 Fairmont Mining Machinery Co., machsts. & fndrs., Fairmont, W. Va.  
 Fairmont Packing Co., meat, Fairmont, W. Va.  
 Fairmont Window Glass Co., Fairmont, W. Va.  
 Fairmount Elec. & Mfg. Co., sleeve wire connectors, & testing clamps, cable roller & cars, cones, etc., 59th & Woodland, Philadelphia, Pa.  
 Fairmount Fdr. Co., Duncannon & Clinton, Philadelphia, Pa.  
 Fairmount Glass Wks., bottles, Indianapolis, Ind.  
 Fairmount Packing Co., canned goods, Fairmount, Md.  
 Fair Oaks Fruit Co., canners, Fair Oaks, Cal.  
 Fairport Lumber & Coal Co., masons' & bldrs.' matls., Fairport, N. Y.  
 Fairton Canning Co., Fairton, N. J.  
 Fairview Brick Co., 80 Griswold, Detroit, Mich.  
 Fairview Cannery, Lockport, N. Y.  
 Fairview Foundry Co., ft. of Vanilla, Detroit, Mich.  
 Fairview Slate Co., roofing slate mfrs., Slatington, Pa.  
 Fairwater Canning Co., Markesan, Wis.  
 Fairweather, C. W., architect, Grantwood, N. J.  
 Fairweather, J. Stewart, architect, Balboa Bldg., San Fran., Cal.  
 Faith, S., & Co., high pressure piping, 2427 Penna. av, Phila., Pa.  
 Faith, Victor E., gin distillers, Johnstown, Pa.  
 Faitoute Iron & Steel Co., 180 Frelinghuysen av, Newark, N. J.  
 Falch & Knoll, architects, Hearst Bldg., San Francisco, Cal.  
 Falck, F. L., & Co., soap, 1400 High, Pittsburgh, Pa.  
 Falcon Bronze Co., Youngstown, Ohio.  
 Falcon, Jos. G., flexible joints, Evanston, Ill.  
 Falconer & Co., granite, Quincy, Mass.  
 Falconer Mirror Co., Falconer, N. Y.  
 Falconer Towel Mills, Falconer, N. Y.  
 Falconer, W. T., Mfg. Co., beekeepers' supplies, Falconer, N. Y.  
 Fales, C. E., Machy. Co., Kerr Bldg., Detroit, Mich.  
 Fales & Jenks Mach. Co., Pawtucket, R. I.  
 Fales, L. F., paper slitting & sewing machy., Walpole, Mass.  
 Fales, W. H., Co., paste, shellac, 62 Maiden la., New York.  
 Falk Co., gears, ft. 30th, Milwaukee, Wis.  
 Falk, Frank, Co., contractors, 60 Old B'way, New York.  
 Falk, Geo. L., architect, Brockton, Mass.  
 Falkenbach Mfg. Co., elec. & gas light fixture mfrs., 159 E. 54th, New York.  
 Falkenburg & Laucks, testing laboratories, chemists, Seattle, Wash.  
 Falkenhainer, E., architect, 25 W. 42d, New York.  
 Fall, Chas., architect, 1400 Washington, Hoboken, N. J.  
 Fall Creek Canneries, Pendleton, Ind.  
 Fall Creek Mfg. Co., lawn furniture, Mooresville, Ind.  
 Fall Creek Milling Co., wheat flour, Ithaca, N. Y.  
 Fall, J. H., & Co., steam fitters' supplies, Nashville, Tenn.  
 Fall River Bobbin & Shuttle Co., tex. machy., supplies, etc., Fall River, Mass.  
 Fall River Boiler Works, Fall River, Mass.  
 Fall River Canning Co., Fall River, Wis.  
 Fall River Foundry & Machine Co., Fall River, Mass.  
 Fall River Rubber Co., Fall River, Mass.  
 Fall River Sheet Metal & Cornice Works, Fall River, Mass.  
 Fall River Steam & Gas Pipe Corp., Fall River, Mass.  
 Fallas, Edwin, canned goods, Lowell, Mich.  
 Fallin, T. H., canned goods, Coan, Va.  
 Fallis, E. O., architect, The Nasby, Toledo, Ohio.  
 Fallis, M. S., Architect Co., Ideal Bldg., Denver, Colo.  
 Fallon, T. F., & Co., brass fndrs., castings, Lawrence, Mass.  
 Fallon, W. J., shoe welting, 34 Norfolk av, Boston, Mass.  
 Fallows, E. T., archt., New York Life Bldg., Minneapolis, Minn.  
 Falls City Bedding Co., mattresses, Louisville, Ky.  
 Falls City Cornice & Roofing Co., Louisville, Ky.  
 Falls City Lbr. Co., Portland, Ore.  
 Falls City Plbg. Supply Co., steam fitters' supplies, Louisville, Ky.  
 Falls Clutch & Machinery Co., Cuyahoga Falls, Ohio.  
 Falls Co., cotton duck & canvas, Norwich, Conn.  
 Falls Elec. Co., guy anchors, Lima, Ohio.  
 Falls Foundry Co., Chagrin Falls, Ohio.  
 Falls, Frank H., mill & facty. supplies, Rochester, N. Y.  
 Falls Hollow Staybolt Co., Cuyahoga Falls, Ohio.  
 Falls Machine Co., wood planing, boring, etc., machines, Sheboygan Falls, Wis.  
 Falls Mfg. Co., paper & pulp mills, Oconto Falls, Wis.  
 Falls Motors Corp., automobile, truck & marine engines, Sheboygan Falls, Wis.  
 Falls Rivet Co., Kent, Ohio.  
 Falls Rubber Co., Cuyahoga Falls, Ohio.  
 Falls & Withers, machsts. & fndrs., Louisville, Ky.  
 Fallston Fire Clay Co., Oliver Bldg., Pittsburgh, Pa.  
 Falst, Adam G., carriages, Chelsea, Mich.  
 Falstrom & Tornquist Co., cornices, Passaic, N. J.  
 Falt, J. P., Co., stone prod., 33 Lynn, Springfield, Mass.  
 Falter, Geo. A., stone, 917 S. Keeler av, Chicago, Ill.  
 Falter, Herman, meat packers, Columbus, Ohio.  
 Falulah Paper Co., Fitchburg, Mass.  
 Falvey, Arthur W., contractor, Springfield, Mass.  
 Falvey, John J., bldg. contr., Somerville, Mass.  
 Falvey, Michael J., granite producer, 602 11th, N. W., Washington, D. C.  
 Fambrough, Porter Co., masons' & bldrs.' matls., Bishop, Ga.  
 Famiglietti Bros. Co., contractors, 166 B'way, Providence, R. I.  
 Famous Mfg. Co., agric'l implements, automobile bldrs., machsts. & fndrs., etc., East Chicago, Ind.  
 Famous Mfg. Co., runners & wrenches, Grand Rapids, Mich.  
 Famous Players Film Co., moving picture films, 130 W. 56th, New York.



- Fancher, H. M. & Co., architects, Panama Bldg., Portland, Ore.  
 Fancleve Spec. Co., junction boxes, Boston, Mass.  
 Fanke, F., Steam Trap Co., Milwaukee, Wis.  
 Fanner Mfg. Co., stone trimmings & iron stairs, Brookside Park, Cleveland, Ohio.  
 Fanning, Edw. F., architect, 2 W. 45th, New York.  
 Fanning, Geo. H., architect, 221 Essex, Salem, Mass.  
 Fanning, J. P., models wk., 678 Jefferson av, Br'klyn, New York.  
 Fanning, P., granite, Quincy, Mass.  
 Fanning, Wm. T., architect, Colt Bldg., Paterson, N. J.  
 Fansher Bros., platers & polishers' supplies, Dayton, Ohio.  
 Fanslow Bros., machsts. & fndrs., Yankton, S. D.  
 Fantoni, Chas., architect, 916 Kearney, San Francisco, Cal.  
 Fanwood Stone Crusher & Quarry Co., Scotch Plains, N. J.  
 Far West Clay Co., brick hollow bldg. blocks, Tacoma, Wash.  
 Far West Lumber Co., Tacoma, Wash.  
 Farad Elec. Co., cooking app., Engineers Bldg., Cleveland Ohio.  
 Faragher, B. P., landscape arch., 10600 Euclid av, Cleveland, O.  
 Faragher, Jno., scaffolds, Madison, Wis.  
 Faraquhar, R. A. J. & Co., landscape architect, 6 S. Market, Boston, Mass.  
 Farber Clay & Mining Co., Farber, Mo.  
 Farber & Markwitz, architects, 189 Montague, Brooklyn, N. Y.  
 Farber, S. W., elec. light portable, 147 S. 5th, Brooklyn, N. Y.  
 Farbstein, Jos., contractors, 908 Walnut, Philadelphia, Pa.  
 Farbwerke-Hoechst Co., aniline colors, dyes, chemicals, 122 Hudson, New York.  
 Fard & Donneley, machsts. & fndrs., Kokomo, Ind.  
 Fargo Bridge & Iron Co., Fargo, N. D.  
 Fargo Cornice & Ornament Co., Fargo, N. D.  
 Fargo, E. A., Co., metal nov. & spec., Taunton, Mass.  
 Fargo Fdry. Co., Fargo, N. D.  
 Fargo Iron & Metal Co., Fargo, N. D.  
 Fargo Motor Car Co., 164 W. 22d, Chicago, Ill.  
 Faribault Canning Co., Faribault, Minn.  
 Faribault Engine Mfg. Co., Faribault, Minn.  
 Faribault Furniture Co., Faribault, Minn.  
 Faribault Woolen Mill Co., Faribault, Minn.  
 Faries Mfg. Co., electric fixtures, Decatur, Ill.  
 Farish & Gray, bldg. contrs., 3d Nat. Bk. Bldg., St. Louis, Mo.  
 Farist Steel Co., Bridgeport, Conn.  
 Farley, C. H., & Co., glass stainers, Portland, Me.  
 Farley, Edw. P., Co., architects, Ry. Exch. Bldg., Chicago, Ill.  
 Farley, Ed. & Son, stone producers, Columbia, Mo.  
 Farley, Frank C., architect, 15 W 38th, New York.  
 Farley, Jas. A., contractor, 569 5th av, New York.  
 Farley & Loetscher Mfg. Co., ornamental woodwk, Dubuque, Ia.  
 Farley Paper Co., Farley, Mass.  
 Farley, W. E., & Bro., plastic orna., 3635 Market, Phila., Pa.  
 Farm Implement News Co., trade publication, Masonic Temple, Chicago, Ill.  
 Farm Implements, trade publications, 1018 Lumber Exch., Minneapolis, Minn.  
 Farm Progress, trade publication, 7th & Olive, St. Louis, Mo.  
 Farmer Coal & Supply Co., masons' & bldrs. matls., Asbury Park, N. J.  
 Farmer, Jas. E., steel struct. wk., 41 Judson av, New Haven, Conn.  
 Farmer Roller Mill Co., Farmer, N. C.  
 Farmers' & Builders' Supply Co., Owego, N. Y.  
 Farmers' Canning Co., Dunreith, Ind.  
 Farmers' Canning Co., Mt. Carmel, Ill.  
 Farmers' Canning Co., Red Lion, Pa.  
 Farmers' Cement Tile Mach. Co., machsts., St. Johns, Mich.  
 Farmers' Co-operative Guano Co., fertilizer mfrs., Blackstone, Va.  
 Farmers' Co-operative Warehouse & Gin Co., Troy, Ala.  
 Farmers' Cotton Oil Co., Americus, Ga.  
 Farmer's Cotton Oil Co., cottonseed meal, Dothan, Ala.  
 Farmer's Cotton Oil Co., meal, Farmersville, Tex.  
 Farmer's Cotton Oil Co., La Grange, Ga.  
 Farmer's Cotton Oil Co., cottonseed meal, Mangum, Okla.  
 Farmers Cotton Oil Co., fertilizer, Wilson, N. C.  
 Farmers' Cotton Oil & Fertilizer Co., Huntsville, Ala.  
 Farmers Cotton Oil & Fertilizer Co., Toccoa, Ga.  
 Farmer's Cotton Seed Oil Mill, Martin, Ga.  
 Farmers E. & C. Union Warehouse Co., fertilizer mfrs., Dewey Rose, Ga.  
 Farmers' Exchange, flour mills, Romney, W. Va.  
 Farmers Exchange Co., fertilizer mfrs., Union Bridge, Md.  
 Farmers' Fertilizer Co., Columbus, Ohio.  
 Farmers' Fertilizer & Feed Co., Westminster, Md.  
 Farmers Fertilizer & Phosphate Co., Camilla, Ga.  
 Farmers' Fertilizer Works, Byromville, Ga.  
 Farmers' Fertilizer Wks., Elizabethtown, Pa.  
 Farmers' Fertilizer Wks., Milan, Ga.  
 Farmers' & Ginners' Cotton Oil Co., Austin, Tex.  
 Farmers' & Ginners' Cotton Oil Co., fertz. mfrs., Sulphur Springs, Tex.  
 Farmers' Ginning & Milling Co., flour, Rich Square, N. C.  
 Farmers' Grain & Milling Co., masons' & bldrs. matls., Sidney, Ohio.  
 Farmers Guano Co., fertilizer mfrs., Bainbridge, Ga.  
 Farmers Guano Co., fertilizer mfrs., Norfolk, Va.  
 Farmers' Machine Shop, Gueydon, La.  
 Farmers Manfg. Co., basket mfrs., Norfolk, Va.  
 Farmers' & Merchants' Milling Co., flour, Brooksville, Ky.  
 Farmers' Mill & Elevator Co., flour, Enid, Okla.  
 Farmers' Milling Co., flour, Beaver Dam, Ky.  
 Farmers Milling Co., flour, Tree, Va.  
 Farmers' Milling & Mer. Co., flour, Berthoud, Colo.  
 Farmers' Mutual Benefit & Trading Co., machsts. & fndrs., Brooklyn, Wis.  
 Farmers' Oil & Fertz. Co., Texarkana, Tex.  
 Farmers Oil & Fertilizer Co., Texarkana, Ark.  
 Farmers' Oil Mill, fertz. mfrs., Newberry, S. C.  
 Farmer's Oil Mill, Royston, Ga.  
 Farmers & Planters' Co., fertilizer mfrs., Salisbury, Md.  
 Farmers & Planter's Gin & Mill Co., Greenville, Ala.  
 Farmers' Roller Mills, flour, Spencer, W. Va.  
 Farmers Storage & Fertz. Co., Aiken, S. C.  
 Farmers' Union Fertilizer Co., Baskerville, Va.  
 Farmers Union Warehouse Co., fertilizer mfrs., Bowersville, Ga.  
 Farmers' Union Warehouse Co., Monticello, Ga.  
 Farmers' Union Warehouse Storage & Mfg. Co., Conyers, Ga.  
 Farmers' Warehouse & Fertilizer Co., Reynolds, Ga.  
 Farmersville Mill & Light Co., Farmersville, Tex.  
 Farmington Brush & Scraper Co., Farmington, N. H.  
 Farmington Milling Co., flour, Farmington, Mo.  
 Farmville Mfg. Co., handles, Farmville, Va.  
 Farmville Mills, flour, Farmville, Va.  
 Farmville Oil & Fertilizer Co., Farmville, N. C.  
 Farnam Bros. Co., contractors, Plymouth Bldg., Minneapolis, Minn.  
 Farnam-Cheshire Lime Co., 39 Cortlandt, New York.  
 Farnan Brass Works Co., 1105 Center N. W., Cleveland, Ohio.  
 Farnham, H. F., Co., sah, door & blind mfrs., R. R. Wharf, Portland, Me.  
 Farnham, J. F., excelsior & lbr. mfrs., Union, N. H.  
 Farnham Mfg. Co., textile machy. supplies, etc., 39 Indiana, Buffalo, N. Y.  
 Farnham & Nelson Co., trunk racks, auto metal bodies, 47 Union av, Jamaica pl, Boston, Mass.  
 Farnham Printing & Stationery Co., 806 Lbr. E., Minneapolis, Minn.  
 Farnsworth Co., woolen flannels, Lisbon Center, Me.  
 Farnsworth, F. C., Co., steam traps, 2d av & 39th, B'klyn, N. Y.  
 Farnsworth, Hoyt & Co., shoe buttons, 58 Lincoln, Boston, Mass.  
 Farnsworth, Jas. M., architect, 644 8th av, New York  
 Farnsworth Packing Co., Brooklyn, Me.  
 Farnum & Co., granite, 1088 Westminster, Providence, R. I.  
 Farnum, J. B., Co., mill & facty. supplies, Woonsocket, R. I.  
 Farnum, Jas. J., Sr., architect, Chester, Pa.  
 Farnum, John & Co., cotton sheetings, 235 Chestnut, Phila., Pa.  
 Farnworth Co., flannels-woolen, Lisbon Center, Me.  
 Farquahar Machy. Co., Jacksonville, Fla.  
 Farquhar, A. B., Co. Ltd., farm machy. & implement mfrs., York, Pa.  
 Farquhar Furnace Co., Wilmington, Ohio.  
 Farquhar, R. D., architect, Van Nuys Bldg., Los Angeles, Cal.  
 Farquharson, Robt., granite producers, South Ryegate, Vt.  
 Farr, Albert, architect, 68 Post, San Francisco, Cal.  
 Farr & Bailey Mfg. Co., oil cloth mfrs., Camden, N. J.  
 Farr Brick Co., 222 Leader News Bldg., Cleveland, Ohio.  
 Farr, D., flour mills, Franklin, Tenn.  
 Farr Mfg. Co., soap, cutting & drilling oils & compounds, N. Tonawanda, N. Y.  
 Farr Telephone & Const. Supply Co., 112 N. 5th av., Chicago, Ill.  
 Farra, Harry W., contractor, West Chester, Pa.  
 Farrand, Teo. S., contractor, Verona, N. J.  
 Farrar & Guy, lumber & contractors, 312 Quincy B., Denver, Colo.  
 Farrar Iron & Steel Co., Buffalo, N. Y.  
 Farrar Lumber Co., Dalton, Ga.  
 Farrar, R. L., flour mills, Mulberry, Tenn.  
 Farrar & Trefts, machsts. & fndrs., Buffalo, N. Y.  
 Farrel, John & Son, agric. implts., Newton, N. J.  
 Farrel Foundry & Machine Co., paper & pulp mill, rolling mill, rubber & stone working machy., etc., Ansonia, Conn.  
 Farrell, Andrew & Sons, granite, Westerly, R. I.  
 Farrell, C. H., & Co., sash, door & blind, 6 Northampton, Boston, Mass.  
 Farrell-Cheek Steel Foundry Co., Sandusky, Ohio.  
 Farrell & Conaton, steam fitters' supplies, Lowell, Mass.  
 Farrell, Edw. P., fndrs., 1414 Philpot, Baltimore, Md.  
 Farrell, Francisco, Llado & Co., corkwood impts., 99 Maiden La., New York.  
 Farrell, James F., stone producer, Covington, Ky.  
 Farrell, Jas. P., & Co., contractors, 1621 Sansom, Phila., Pa.  
 Farrell, M., contractor, Hoboken, N. J.  
 Farrell, M. & T. E., contractors, West Chester, Pa.  
 Farrell Mach. & Boiler Wks., Brinkley, Ark.  
 Farrell, Patrick, contractor, 2d Nat. Bk. Bldg., Cincinnati, Ohio.  
 Farrell & Reed, contractors, 3d & Mission, San Francisco, Cal.  
 Farrell, W. J., cork mfr., bottle openers, 115 Maiden La., New York.  
 Farrell, Wm., Lumber Co., Hensley, Ark.  
 Farrend, Mrs. Beatrix, architect, 21 E. 11th, New York.  
 Farrenkopf, Chas. & Sons, machsts., 623 Minna, San Fran., Cal.  
 Farrin, M. B., Lumber Co., station, Winton pl, Cincinnati, Ohio.  
 Farrington Case Co., 48 Maiden La., New York.  
 Farrington, Frank, Co., contractors, Scherer Bldg., Detroit, Mich.  
 Farrington, H., drift & expansion bolts, 45 B'way, New York.



- Farrington Mfg. Co., door stops, 23 Vale, Boston, Mass.  
 Farrington, Robt. M., architect, Grand Cent. Term., New York.  
 Farrington, W. U. (Est. of), soaps, East Greenwich, R. I.  
 Farris Bridge Co., steel struct. wk. & mine tipples, Charleston, W. Va.  
 Farris, Jos., grate bar mfrs., Springfield, Ill.  
 Farris Milling Co., flour, Cave City, Ky.  
 Farris, Arthur, Lumber Co., Asotin, Wash.  
 Farrow Arms Co., mchsts., 210 2d N. W., Washington, D. C.  
 Fars, Fred. F., architect, Schmulbach Bldg., Wheeling, W. Va.  
 Farwell Cornice Co., 3935 Southport av, Chicago, Ill.  
 Farwell, J. B., & Co., masons' & bldrs.' matls., Oswego, N. Y.  
 Farwell, Lyman, architect, 610 S. B'way, Los Angeles, Cal.  
 Farwell Mills, cotton sheetings, Lisbon, Me.  
 Farwell, Ozmun, Kirk & Co., wholesale hdwe., 2d & Jackson, St. Paul, Minn.  
 Farwell & Rhines, Inc., flour mills, Watertown, N. Y.  
 Fash, Robt. A., architect, 163 W. 20th, New York.  
 Fashion Button Wks., 344 W. 38th, New York.  
 Fashion Silk Mfg. Co., umbrells cloth, Paterson, N. J.  
 Fass, Jos., & Co., contractors, Madison, Wis.  
 Fassett, J. E., Boiler Works, Wellsville, Ohio.  
 Fassett, E. F., architect, 95 Exchange, Portland, Me.  
 Fassett, Fred W., lumber mfrs., Wellsville, N. Y.  
 Fassett Lumber Co., Fresno, Cal.  
 Fassett, M. L., sashes, doors & blinds, Findlay, Ohio.  
 Fassler, Jacob, desk mfr., Utica, N. Y.  
 Fassnacht, A., & Sons, carriages, Chattanooga, Tenn.  
 Fate, J. D., Co., brick & clay machinery, Plymouth, Ohio.  
 Fath, Chas., & Co., contractors, Illinois Bldg., Cleveland, Ohio.  
 Fath Construction Co., 5103 Euclid av, Cleveland, Ohio.  
 Fathauer, Theo., Co., lbr., 1428 Cherry av, Chicago, Ill.  
 Fatzler, Fred, Co., contractors, 810 Broad, Newark, N. J.  
 Faucher Bros., contractors, 58 Front, Worcester, Mass.  
 Faudel, Henry J., stone producer, Independence, Ohio.  
 Faught & Macklin, architects, Barnes Bldg., Wichita, Kan.  
 Faul & Timmins, metallic gaskets, seats, Buffalo, N. Y.  
 Faul, Wm. J., Co., lubrg. oils, 133 Front, New York.  
 Fauldrath, C. H., & Bro., mattresses, 219 N. Howard, Baltimore, Md.  
 Faulkenburg Fdry. & Mach. Co., Andalusia, Ala.  
 Faulkner, Chas. D., architect, 322 S. Michigan av, Chicago, Ill.  
 Faulkner, D. A., machinist, Woodland, Cal.  
 Faulkner, Frank G., contractor, Sedalia, Mo.  
 Faulkner Lumber Co., sash, door & blind, Pittsfield, Mass.  
 Faulks, Jas. H., Co., cornices & skylights, Elizabeth, N. J.  
 Faultless Anchor Co., Fostoria, Ohio.  
 Faultless Caster Co., Evansville, Ind.  
 Faultless Engine Co., 1511 Cypress av, Kansas City, Mo.  
 Faultless Iron Works, machsts. & fndrs., St. Charles, Ill.  
 Faultless Rubber Co., rubber goods, Ashland, Ohio.  
 Faultless Starch Co., 1025 W. 8th, Kansas City, Mo.  
 Faunt Bros., brass castings, 1555 Fulton, Chicago, Ill.  
 Faunt Le Roy Elev. Co., 8th nr. Pratt, Baltimore, Md.  
 Faust Bros. Lbr. Co., Jackson, Miss.  
 Faust, J. U., & Co., lumber, Paducah, Ky.  
 Faust, John K., & Son, contractors, Reading, Pa.  
 Faust, Samuel, contractor, New Castle, Ind.  
 Favor, Frank M., masons' & bldrs.' matls., Gardner, Mass.  
 Favor, Ruhl & Co., architects' instruments, 43 W. 23d, New York.  
 Favorite Boiler Compound Co., 8568 Vine av, Chicago, Ill.  
 Favorite Mfg. Co., machinists, 115 W. Vine, Columbus, Ohio.  
 Favorite Stove & Range Co., Piqua, Ohio.  
 Favret, Lionel F., contractor, 307 Tulane Newcourt, New Orleans, La.  
 Favrot & Liyaudais, architects, Perrin Bldg., New Orleans, La.  
 Faw, J. H., Inc., auto. creepers, 41 Warren, New York.  
 Fawcett, C. E., mill & facty. supplies, Cedar Rapids, Ia.  
 Fawcett, Hughes, harness twine, 115 Franklin, New York.  
 Fawcett, Wm., bldg. contr., Duluth, Minn.  
 Fawcus Machine Co., gears & rolling mill mach., 1st Nat. Bank Bldg., Pittsburgh, Pa.  
 Faxon & Gallagher Drug Co., whol. & retail plate & window glass, 80 B'way, Kansas City, Mo.  
 Fay & Bowen Engine Co., Geneva, N. Y.  
 Fay Bros., machy. dhrs., Jeanerette, La.  
 Fay Bros. & Co., lumber mfrs., Cedar Rapids, Ia.  
 Fay, Edward, & Son, building contractors, 2 S. Mole, Phila., Pa.  
 Fay Improvement Co., Phelan Bldg., San Francisco, Cal.  
 Fay, J. A., & Egan Co., wood working machinery, Front & John, Cincinnati, Ohio.  
 Fay Mach. Tool Co., 2d & Glenwood av, Philadelphia, Pa.  
 Fay, Robert, pianos, 567 Valencia, San Francisco, Cal.  
 Fay & Scott, engine lathes, mill & facty. supplies, Dexter, Mo.  
 Fay, U. G., architect, Central Bldg., Seattle, Wash.  
 Fayette Canning Co., Fayette, Ohio.  
 Fayette Canning Co., Washington Court House, Ohio.  
 Fayette Coke Co., New Salem, Pa.  
 Fayette Fertilizer Co., Fayetteville, Ga.  
 Fayette Lumber Co., Connellsville, Pa.  
 Fayetteville Canning Co., Fayetteville, Ark.  
 Fayetteville Mfg. Co., butchers' blocks, Fayetteville, N. Y.  
 Fayetteville Milling Co., flour, Fayetteville, Tenn.  
 Fayetteville Oil Co., Fayetteville, Ga.  
 Fayetteville Oil Mills, Fayetteville, Ohio.  
 Fayfield, Robert C., architect, Iroquois Bldg., Buffalo, N. Y.  
 Fazon & Zimmers, lbr. mfrs., Goshen, Wash.
- Fead, John L., & Sons, knitted gloves, Port Huron, Mich.  
 Feaga, Gaylord W., contractor, 280 E. 131st, Cleveland, Ohio.  
 Feagans, W. C., flour mills, Wheatland, W. Va.  
 Fear, Fred, Match Co., Bloomsburg, Pa.  
 Fearless Dishwasher Co., Rochester, N. Y.  
 Fearnley, Arthur J., tex. mach'y, supplies (slashers, reeds), Fall River, Mass.  
 Fearon Brown Co., camphor, oils, 96 Wall, New York.  
 Fearon, F. G., Co., contractors, 280 Madison av, New York.  
 Fearon Lumber & Veneer Co., Ironton, Ohio.  
 Fearon-Tillotson Fndry. Co., 1420 W. Kinzie, Chicago, Ill.  
 Feather, N. B., mercury testing columns, Hackett, Newark, N. J.  
 Featheredge Rubber Co., rubber sponge mfrs., 408 W. Grand av, Chicago, Ill.  
 Featherley, Emmett R., Jr., architect, 443 11th, Niagara Falls, N. Y.  
 Featherweight Eyeshade Co., Merchantville, N. J.  
 Febrey, E. J., & Co., heating contractors, Pacific Bldg., Washington, D. C.  
 Fechtmeier, A. Lincoln, architect, Union Trust Bldg., Cincinnati, Ohio.  
 Fechtmeier Steel & Iron Co., Allentown, Pa.  
 Fechteler, Frank, transfer ornaments, 42 Union sq., New York.  
 Fedders Mfg. Co., water cooling radiators, Buffalo, N. Y.  
 Fedell, A. F., Co., contractors, Vickers Bldg., Baltimore, Md.  
 Federal Asbestos Co., 931 30th, Milwaukee, Wis.  
 Federal Bearing Co., ball bearings, Poughkeepsie, N. Y.  
 Federal Betterment Co., brick, Cherryvale, Kansas.  
 Federal Body Co. of N. Y., 250 W. 54th, New York.  
 Federal Brass & Bronze Co., machsts. & fndrs.' castings, Ridge, Astoria, N. Y.  
 Federal Brass Wks., 3100 Kedzie, Chicago, Ill.  
 Federal Bridge Co., Des Moines, Ia.  
 Federal Bridge & Structural Co., Waukesha, Wis.  
 Federal Button Co., 365 Market, Newark, N. J.  
 Federal Cement Tile Co., 920 Westminster Bldg., Chicago, Ill.  
 Federal Chemical Co., fertilizer mfrs., phosphate rock, Louisville, Ky.  
 Federal Clay Product Co., Mineral City, Ohio.  
 Federal Concrete Co., Mutual Life Bldg., Buffalo, N. Y.  
 Federal Const. Co., circle swings, 111 W. Monroe, Chicago, Ill.  
 Federal Construction Co., Odd Fellows Bldg., St. Louis, Mo.  
 Federal Construction Co., Sharon Bldg., San Francisco, Cal.  
 Federal Creosoting Co., Louisville, Ky.  
 Federal Dist. Co., Colgate Station, Canton, Baltimore, Md.  
 Federal Distilling Co., gin, 129 McKean, Pittsburgh, Pa.  
 Federal Dyestuff & Chemical Corp., 2 Rector, New York.  
 Federal Elec. Co., 640 W. Lake, Chicago, Ill.  
 Federal Enam. & Stamping Co., ash cans, Thompson & Chartiers, Pittsburgh, Pa.  
 Federal Equipment Co., bank fix., Carlisle, Pa.  
 Federal Felting Co., Clark's Falls, Conn.  
 Federal Filter Co., 1364 Grand av, Chicago, Ill.  
 Federal Foundry Supply Co., 2639 E. 79th, Cleveland, Ohio.  
 Federal Furnace Co., 108 & Calumet River, Chicago, Ill.  
 Federal Glen Co., Innis av, Columbus, Ohio.  
 Federal Granite Brick Co., common brick, Scranton, Pa.  
 Federal Graphite Mills, 2639 E. 79th, Cleveland, Ohio.  
 Federal-Huber Co., machsts. & fndrs. plumbers' supplies—jobbers, 234 N. Halsted, Chicago, Ill.  
 Federal Knitting Mills Co., cardigans, sweaters, Detroit & W. 29th, Cleveland, Ohio.  
 Federal Leather Co., 30 E. 42d, New York.  
 Federal Lumber Co., Guardian Bldg., Cleveland, Ohio.  
 Federal Machy. Sales Co., 12 N. Jefferson, Chicago, Ill.  
 Federal Malleable Co., castings, West Allis, Wis.  
 Federal Mfg. Co., machsts., 21 E. Van Buren, Chicago, Ill.  
 Federal Mfg. Co., machsts. & fndrs., 168 W. Long, Columbus, O.  
 Federal Metallic Packing Co., 48 Hanover, Boston, Mass.  
 Federal Mill Co., lumber, San Francisco, Cal.  
 Federal Milling Co., flour, Lockport, N. Y.  
 Federal Miniature Lamp Division Nat'l Lamp Wks. of G. E. Co., 501 Jefferson, Chicago, Ill.  
 Federal Mining & Smelting Co., Mullan, Idaho.  
 Federal Motor Truck Co., motor fire engines, Leavitt & Campbell avs, Detroit, Mich.  
 Federal Packing Co., canned goods, Evansburg Falls, Vt.  
 Federal Paper Board Co., Bogota, N. J.  
 Federal Parquetry Mfg. Co., 3 W. 14th, New York.  
 Federal Plate Glass Co., Ottawa, Ill.  
 Federal Pressed Steel Co., Keefe av & N. Pierce, Milwaukee, Wis.  
 Federal Process Co., paint mfrs., Cleveland, Ohio.  
 Federal Radiator Co., New Castle, Pa.  
 Federal Refractories Co., brick, ores, etc., Cleveland, Ohio.  
 Federal Rubber Co., The, auto tires, Cudahy, Wis.  
 Federal Sash & Door Co., 18th & Wabash av, Kansas City, Mo.  
 Federal Sign System, fire alarms, elec'l horns, etc., 640 W. Lake, Chicago, Ill.  
 Federal Signal Co., railway signals, etc., Albany, N. Y.  
 Federal Steam & Gas Supply Co., 195 High, Boston, Mass.  
 Federal Steel Cement Mills, hardeners (concrete), 2639 E. 79th, Cleveland, Ohio.  
 Federal Steel Fixture Co., metallic lockers, etc., 4545 Homer, Chicago, Ill.  
 Federal Steel Fdry. Co., Chester, Pa.  
 Federal Sugar Refining Co., 91 Wall, New York.



- Federal Terra Cotta Co., architectural, 111 B'way, New York.  
*See adv. index at end of book.*
- Federated Glass Co., Point Marion, Pa.
- Fee-Crayton Harwood Lumber Co., Dermott, Ark.
- Fee, Grant, contractor, 2440 16th, San Francisco, Cal.
- Fee & Mason, plates, clamps, straps, hangers, etc., 81 Beekman, New York.
- Feed Oil Co., cottonseed meal, Tuscaloosa, Ala.
- Feeley, Wm. J., Co., silver nov., 169 S. Angell, Providence, R. I.
- Feely, John, contractor, Ogdensburg, N. Y.
- Feeney & Atherton, granite producers, Woodstock, Md.
- Feeney, Jno., cornices, 1 N. Grove, Boston, Mass.
- Feeney, John J., architect, Coal Exch. Bldg., Scranton, Pa.
- Feeney & Sheehan Bldg. Co., building contractors, 164 Montgomery, Albany, N. Y.
- Feeny-Hurd Co., machsts., Muncie, Ind.
- Feeny Mfg. Co., clothes line reels, vacuum cleaners, Muncie, Ind.
- Feeser, A. W., & Co., canned goods, Silver Run, Md.
- Feeser, Frank S., Co., tool kits, auto. radiator covers, 1102 Prospect, Indianapolis, Ind.
- Fegely, J., & Son, steam fitters' suppl., and whol. hdwe., Pottstown, Pa.
- Fegley, Morris, lumber, Pine Grove, Pa.
- Fehl, Henry, carriages, Springfield, Ohio.
- Fehlig Bros. Box Mfg. Co., 1919 Washington, St. Louis, Mo.
- Fehlig Const. Co., Theresa av & Hickory, St. Louis, Mo.
- Fehn, Sidney M., architect, College Point, N. Y.
- Fehring Carriage Co., Columbus, Ind.
- Feick Bros. Co., surg'l instr., 809 Liberty av, Pittsburgh, Pa.
- Feick, Geo., & Son, contractors, Sandusky, Ohio.
- Feldt, Geo. D., & Co., viscosimeters, 244 N. 5th, Philadelphia, Pa.
- Feigel, M., & Bro., paint, varnish, etc., 185 Wooster, New York.
- Feigenbaum Trunk Co., 1272 W. 6th, Cleveland, Ohio.
- Feibach Motor Co., machsts., Weil & Burleigh, Milwaukee, Wis.
- Feinberg, Abe, scrap iron & steel, Muncie, Ind.
- Feinberg & Feinberg, furniture tops, 433 4. 42d, New York.
- Feine, August, & Sons Co., machsts., 152 Terrace, Buffalo, N. Y.
- Feiner, P., cornices, 325 W. 44th, New York.
- Feis, Arthur B., heating contr., Portland, Me.
- Feist, John, & Sons Co., sash, door & blind mfrs., 115 Ash, Buffalo, N. Y.
- Feitel, Maurice, masons' & bldrs.' matls., 3722 Tulane av, New Orleans, La.
- Felch, L. G., lumber, Monroe Center, Ohio.
- Felchlin, R. F., architect, Rowell Bldg., Fresno, Cal.
- Feld, Geo. A., Co., tin plate, 162 E. 129th, New York.
- Feldhake, J. J., cornices & skylights, Effingham, Ill.
- Feldheim, Lyman, Co., sash, door & blind mfrs., Erie, Pa.
- Feldman, Chas., cornices & skylights, St. Peter, Minn.
- Feldman, H. & Co., scrap rubber, 324 S. Del., Philadelphia, Pa.
- Feldman, Jno., archl. iron, 1323 Gates av, Brooklyn, N. Y.
- Feldman, L. A., Fixture Co., 24 W. 30th, New York.
- Feldman, L. & Co., brooms, 110 Davis, San Francisco, Cal.
- Feldman Mfg. Co., elec. water heaters, Times Bldg., New York.
- Feldman & Seeler, architects, Kresge Bldg., Detroit, Mich.
- Feldstein, Chas. H., Co., hair cloth mfrs., 1839 Madison, Philadelphia, Pa.
- Felgemaker, A. B., Erie Organ Co., Erie, Pa.
- Felgenhauer, Frank J., Co., contractors, 4 Court sq, B'klyn, N. Y.
- Felger & Caston, brick, Arcola, Ind.
- Felin, Chas. F., & Co., sash, door & blind, Old York rd & Butler, Philadelphia, Pa.
- Felin, John J., & Co., meat packers, 4142 Germantown, Philadelphia, Pa.
- Felkel, F., architect, 413 4th av, Pittsburgh, Pa.
- Felker Bros., lbr., Rochester, N. H.
- Felker, L. J., architect, Weiser, Idaho.
- Fell, Hy. R., Co., reinf. concrete steel const., Trenton, N. J.
- Fell, Jos. E., machsts. & fndrs., Ogdensburg, N. Y.
- Fell, W. J., lbr. mfrs., Salt Lick, Ky.
- Fellabom, L. H., contractor, Wellesley & Heberton av, Pittsburgh, Pa.
- Fellers Bros., lumber, Harriette, Mich.
- Fellheimer, Alfred, architect, 5 E. 42d, New York.
- Felli, P. C., & Co., granite producers, Milford, N. H.
- Fellows, Allen D., architect, East Auburn, Cal.
- Fellows, Azro, mill & facty. supplies, Belvidere, Ill.
- Fellows & Co., ladders, 234 Friend, Boston, Mass.
- Fellows Gear Shaper Co., machsts. & fndrs., Springfield, Vt.
- Fellows, Gertrude F., lbr., West Brentwood, N. H.
- Fellows, John N., contractor, Columbia, Mo.
- Fellows & Son, packing boxes, Manchester, N. H.
- Fellrath, John B., Co., wooden shoes, Fond Du Lac, Wis.
- Fellson Tire Co., 1995 B'way, New York.
- Fellweck Auto. & Mfg. Co., windshields, Evansville, Ind.
- Felmlee, Oscar R., architect, New Windsor, Colo.
- Fels & Co., soap, 73d & Woodland av, Philadelphia, Pa.
- Fels Fibre Fabric Co., Lowell, Mass.
- Felson, J. M., architect, 1133 B'way, New York.
- Felss Flour Milling Co., Cincinnati, Ohio.
- Felsworth Lime Co., Stanton, Va.
- Felt & Almy, masons' & bldrs.' matls., Randolph, N. Y.
- Felt, Geo. F., Fbr. Co., Salt Lake City, Utah.
- Felt, J. H., & Co., architects, Grand av Temple, Kansas City, Mo.
- Felt Paper Co., Rowlandsville, Md.
- Felt & Tarrant Mfg. Co., adding machines, 1717 N. Paulina, Chicago, Ill.
- Feltch, E. S., & Co., carriages, Amesbury, Mass.
- Felters Co., felt mills, 111 Summer, Boston, Mass.
- Feltes & Donegan, machsts., 1410 Kansas av, Kansas City, Mo.
- Felton, D. D., Brush Co., Atlanta, Ga.
- Felton, M., Sons Co., contractors, Covington, Ky.
- Felton Packing Co., canned goods, Felton, Del.
- Felton, S. A., & Son Co., brushes—fdry., mach., factory, etc., Manchester, N. H.
- Felton, Sibley & Co., paint mfrs., 136 N. 4th, Philadelphia, Pa.
- Felton & Son, gin distillers, 516 E. 2d, Boston, Mass.
- Felton-Turner Heating Co., 34 Warren, Boston, Mass.
- Felton, Wm. F., contractor, 1450 Michigan av, Buffalo, N. Y.
- Feltus Bros., mill & facty. supplies, whol. hdwe., Natchez, Miss.
- Fender Lumber Co., Valdosta, Ga.
- Fenderson, John, & Co., lbr. mfrs., Springfield, Mass.
- Fenderson, W. N., canned goods, Chebeague Island, Me.
- Fensterstein, S. B., & Co., printing presses & machy., 542 W. Jackson blvd, Chicago, Ill.
- Fenimore, Edw. C., contractor, 8 E. Broad, Columbus, Ohio.
- Fenn, C. E., & Co., marble, granite, 38 S. Dearborn, Chicago, Ill.
- Fenn Mfg. Co., post hole augers, Charlotte, Mich.
- Fenn Mfg. Co., tapping & drilling machines, cutter grinders & special machinery mfrs., 385 Broad, Hartford, Conn.
- Fenn Ventilator Co., rotary ventilator mfrs., 94 Blackstone, Boston, Mass.
- Fenn, Wm. J., cornices, Johnstown, Pa.
- Fennell, Geo. H., & Co., heating contractors, Newport, Ky.
- Fennell, James S., contractor, 180 Jessie, San Francisco, Cal.
- Fennell, John J., & Sons, horse lawn boots, Cynthia, Ky.
- Fenner, Brut L., architect, 101 Park av, New York.
- Fenner, Geo. L., varnish mfrs., West av, Long Isl. City, N. Y.
- Fenno, Ed. K., contrs., Esbnlm Bldg., Syracuse, N. Y.
- Fenny, Edmond J., Co., elec. portables, Muncie, Ind.
- Fenollosa, White & Shufeldt, landscape archts., 101 Tremont, Boston, Mass.
- Fensholt & Fechner, mill & facty. supplies, 16 S. Clinton, Chicago, Ill.
- Fensterer & Ruhe, elec'l glassware, 37 Murray, New York.
- Fenton Art Glass Co., table, Williamstown, W. Va.
- Fenton Bros. & Co., contr., Otis & McKinley av, Norwich, Conn.
- Fenton Construction Co., marble prod., Knoxville, Tenn.
- Fenton, David, ship bldr., Manchester, Mass.
- Fenton Fibre Box Co., North Tonawanda, N. Y.
- Fenton, J. H., & Co., steam fitters' supplies, Cedar Rapids, Ia.
- Fenton Label Co., 9th & Thompson, Philadelphia, Pa.
- Fenton & Sons, Box & Lbr. Co., North Tonawanda, N. Y.
- Fenwood Lumber Co., Wausau, Wis.
- Ferdinand, L. W., & Co., marine glue and linoleum cement mfrs., 154 Kneeland, Boston, Mass. *See adv index at end of book.*
- Ferdon & Feltham, architects, St. Petersburg, Fla.
- Ferer, J., egg testers, Falls City, Neb.
- Ferge, Hy., bldg. contr., 421 Milwaukee, Milwaukee, Wis.
- Fergus Casket Works, Fergus Falls, Minn.
- Fergus Falls Knitting Wks., Fergus Falls, Minn.
- Fergus Flour Mills Co., Fergus Falls, Minn.
- Fergus Iron Works Co., machsts. & fndrs., Fergus Falls, Minn.
- Fergus Mfg. Co., sashes, doors & blinds, Fergus Falls, Minn.
- Fergus Packing Co., meat, Fergus Falls, Minn.
- Ferguson, C. E., Saw Mill, lumber, Little Rock, Ark.
- Ferguson, Carlow & Wrenn, architects, Va. Nat'l Bk. Bldg., Norfolk, Va.
- Ferguson, Chas. A., architect, Arcade, Nashville, Tenn.
- Ferguson & Clarke, lbr. mfrs., 517 Flushing av, B'klyn, N. Y.
- Ferguson & Edmondson Co., contractors, Keystone Bldg., Pittsburgh, Pa.
- Ferguson, F., & Son, machsts. & fndrs., Hoboken, N. J.
- Ferguson-Flanigan Co., contractors, Vickers Bldg., Cleveland, O.
- Ferguson, Frank W., architect, 33 W. 42d, New York.
- Ferguson, G. B., trunk, McCall Bldg., Memphis, Tenn.
- Ferguson, H. E., contractor, Richmond, Va.
- Ferguson, Hardy S., mill engr., 200 5th av, New York.
- Ferguson, Henry, Packing Co., Elwood, Ind.
- Ferguson, Hugh, concrete steel constr., Pittsburgh Life Bldg., Pittsburgh, Pa.
- Ferguson & Hunt, masons' & bldrs.' matls., Rosedale, Ind.
- Ferguson, J. B., & Co., stone prod., Ittner pl & Webster av, New York.
- Ferguson, James, railroad ties, Montgomery City, Mo.
- Ferguson, John W., contractor, 253 B'way, New York.
- Ferguson, Jno. W., Co., contractors, Paterson, N. J.
- Ferguson & Lange Fndry. Co., Clybourne av & Willow, Chicago, Ill.
- Ferguson Lumber Co., Rockville, Ind.
- Ferguson Mfg. Co., machsts., Dubuque, Iowa.
- Ferguson Mfg. Co., machsts. & fndrs., Waterloo, Ia.
- Ferguson & Palmer Co., lumber, Paducah, Ky.
- Ferguson, Robt. B., contractor, 254 Lee av, Brooklyn, N. Y.
- Ferguson, Robt. T., contractor, Norfolk, Va.
- Ferguson & Son, contractors, 1739 Union, San Francisco, Cal.
- Ferguson Supply Co., plumbers' supplies—jobbers, Grand Rapids, Mich.
- Ferguson Synstone Co., concrete bldg. block machy., Century Bldg., Denver, Colo.
- Ferguson, Thos., contractor, 192 Bradhurst av, New York.
- Ferguson Tin Plate Co., Torrens & P. R. R., Pittsburgh, Pa.
- Ferguson, W. T., Lbr. Co., Wright Bldg., St. Louis, Mo.



- Ferguson Waterproof Co., mechanics' aprons, Grand & Hickory, St. Louis, Mo.
- Ferguson & Wheeler, lumber, Poplar Bluff, Mo.
- Ferguson, Wm. M., masons' & bldrs.' matls., Tipton, Mo.
- Ferguson, Wm., & Son, contractors, 405 E. 21st, Phila., Pa.
- Ferguson's, Wm. A., Sons, stone, Little Falls, N. J.
- Fergusson Bros., chemicals, 109 Chestnut, Philadelphia, Pa.
- Fernald Co., masons' & bldrs.' matls., 221 Tehama, San Francisco, Cal.
- Fernald, Geo. H., Hardware Co., Sanford, Fla.
- Fernald, Geo. Porter, architect, 70 Kilby, Boston, Mass.
- Fernald, Keene & True Co., canned goods, West Poland, Me.
- Fernald Mfg. Co., machsts. & fndrs., North East, Pa.
- Fernald, Willmont L., lumber, Logansport, Ind.
- Ferncliff Distillery Co., Louisville, Ky.
- Ferndale Canning Co., Ferndale, Wash.
- Ferndon, J. H., turpentine, Homerville, Ga.
- Fernekes & Cramer, architects, Pabst Bldg., Milwaukee, Wis.
- Fernholtz Brick Machinery Co., machsts., Boyle & Vandeventer av., St. Louis, Mo.
- Fernschild, Geo. J., Jr., architect, 192 Main, New Rochelle, N. Y.
- Fernstenmaker, W. E., brick, Pickerington, Ohio.
- Fernstrum, Frank G., tubular boilers, Menominee, Mich.
- Fernwood Lbr. Co., Fernwood, Miss.
- Ferracute Mach. Co., Bridgeton, N. J.
- Ferranti Contracting Co., Pottsville, Pa.
- Ferraries Macaroni Machine Co., family macaroni machine mfrs., 114 Portland, Boston, Mass.
- Ferray Bros. Co., tex. machy. hooks (reed), Paterson, N. J.
- Ferree, Albert G., architect, 6258 Stewart av., Chicago, Ill.
- Ferree, E. H., Co., machsts., leather & metal novelties & notions, Lockport, N. Y.
- Ferrell, A. T., & Co., agricultural implements, Saginaw, Mich.
- Ferrell Brake & Mfg. Co., Cassius av., S. E., Cleveland, Ohio.
- Ferrell, C. A., architect, Little Rock, Ark.
- Ferrell, M. T., & Son, canned goods, Haymakertown, Va.
- Ferrier, E. L., & Co., contractors, Ellensburg, Wash.
- Ferrin, F. M., flexible cords, 45 Arch, Boston, Mass.
- Ferris Bros., cornices & skylights, South Manchester, Conn.
- Ferris, Chas. S., sash, door & blind mfr., 232 McCullough, Cincinnati, Ohio.
- Ferris, F. A., & Co., meat packers, 262 Mott, New York.
- Ferris, Geo. A., architect, Reno, Nev.
- Ferris, Jno. & Sons, lbr., Brookville, Ind.
- Ferris Mfg. Co., dry measures, Cincinnati, Ohio.
- Ferris, O. J., paint, Plainville, Ohio.
- Ferris Pressed Brick Co., Ferris, Tex.
- Ferris Steam Mortar Wks., masons' & bldrs.' matls., 632 Gallo-way av., Columbus, Ohio.
- Ferris, Thos. E., naval architect, 30 Church, New York.
- Ferris, Warren B., Brick Co., C. S. & T. Bldg., Columbus, Ohio.
- Ferro Brick Co., Watsonstown, Pa.
- Ferro Concrete Construction Co., Richmond & Harriet, Cincinnati, Ohio.
- Ferro Construction Co., 537 S. Dearborn, Chicago, Ill.
- Ferro Machine & Laundry Co., marine engines, etc., E 66th & Hubbard av., Cleveland, Ohio.
- Ferrofix Brazing Co., brazing compounds, 225 S. 24th, Phila., Pa.
- Ferrofix Brazing & Machine Wks., cast iron, Seattle, Wash.
- Ferrosteel Co., 485 Prospect av., N. W., Cleveland, Ohio.
- Ferry-Baker Lumber Co., Everett, Wash.
- Ferry, C. S., & Son, sash, door & blind, Pittsfield, Mass.
- Ferry Cap & Screw Co., bolts, studs, etc., 2151 Scranton rd., S., Cleveland, Ohio.
- Ferry, Geo. B., architect, 419 B'way, Milwaukee, Wis.
- Ferry, John J., architect, Englewood, N. J.
- Ferry, T. Ross, architect, 277 B'way, New York.
- Fersinger, Peter, contractor, 1 N. N. W., Washington, D. C.
- Ferstler, Christian, cut glassware, 2346 Summerfield, Brooklyn, N. Y.
- Fertile Brick & Tile Co., Fertile, Minn.
- Fesenfeld & Barber, machsts. & fndrs., Black Earth, Wis.
- Fessenden, B. & A. D., Co., lumber, Townsend, Mass.
- Fessenden & Co., silver novelties, 100 Friendship, Providence, R. I.
- Fessler, David, cornices, 347 E. 105th, New York.
- Festus Pressed Brick Co., Festus, Mo.
- Feth, Wm. P., architect, Leavenworth, Kans.
- Fett, John, bedstead mfr., 2715 S. Halsted, Chicago, Ill.
- Fetterolf, Edwin H., architect, 1524 Chestnut, Phila., Pa.
- Fetter's, Jacob, Sons, sash, door & blind, Milton, Pa.
- Fettig, Jos., scrap iron, steel & rubber, 1910 Plum, Cincinnati, Ohio.
- Fetzer Bros., wholesale hdwe., Brookville, Pa.
- Fetzer & Co., machsts. & fndrs. agric'l implements, Springfield, Ill.
- Fetzer-Menger Co., contractors, Bessemer Bldg., Pittsburgh, Pa.
- Fetzger, G. W., turpentine, Eden, Ga.
- Feuchtwanger, L., & Co., acid, 54 Fulton, New York.
- Feudtner, Wm., iron, 391 7th, Jersey City, N. J.
- Feugill, Jno. H., architect, 316 Essex, Lawrence, Mass.
- Fewlass-Leen Brass & Iron Co., brass fndrs., 610 E. Front, Cincinnati, Ohio.
- Fey Spec. Co., conduit benders, Detroit, Mich.
- Fezandie, Felix, color mfr. & imptr., 205 Fulton, New York.
- F. & H. Wire Wheel Co., Columbus, Ohio.
- F. I. A. T., Inc., automobile bldrs., Poughkeepsie, N. Y.
- Fiber Barrel Mach. & Mfg. Co., 2516 Jane, Pittsburgh, Pa.
- Fiberide Sample Trunk Co., 191 Lafayette, New York.
- Fiberlic Co., wall coverings, Camden, N. J.
- Fiberold Co., Indian Orchard, Mass.
- Fiberoid Trunk Wks., 4621 B'way, Chicago, Ill.
- Fibre Board Box Co., 2622 N. Hancock, Philadelphia, Pa.
- Fibre Case & Nov. Co., 274 Church, New York.
- Fibre Conduit Co., Orangeburg, N. Y.
- Fibre Corp., paper & pulp mills, Lockport, N. Y.
- Fibre Cushion Horse Shoe Co., 88 Chambers, New York.
- Fibre & Fabric, trade publications, 127 Federal, Boston, Mass.
- Fibre Fabric Co., White Hall, Md.
- Fibre Package Co., corrugated paper, 88 Isabella, Detroit, Mich.
- Fibre Rock Mfg. Co., packing mfrs., 4566 Silverwood, Phila., Pa.
- Fibre Sample Case & Trunk Co., 535 B'way, New York.
- Fibre Specialty Mfg. Co., sample cases, Kennett Square, Pa.
- Fibre Trunk & Case Co., Nashville, Tenn.
- Fichtenberg, Hans H., soap powder, Merrill Bldg., Wis.
- Fichter & Brooker, architects, 2 Nat'l. Bk. Bldg., Akron, Ohio.
- Ficken, H. Edwards, architect, 10 W. 22d, New York.
- Ficken, Wm. H., htg. contrs., 232 Robinson, Brooklyn, N. Y.
- Fickes, H., & Son, contractors, Altoona, Pa.
- Fickett, O. A., Co., meat packers, Bangor, Me.
- Fickincher, Fred, cornices, Lock Haven, Pa.
- Ficks-Reed Co., rattan & reed furniture, children's carriages, 424 Findlay, Cincinnati, Ohio.
- Fidalgos Island Packing Co., Anacortes, Wash.
- Fidalgos Lumber & Box Co., shooks, Anacortes, Wash.
- Fiddelke, H. G., architect, Parkside Bldg., Oak Park, Ill.
- Fidelity Brass Mfg. Co., 1001 Washington blvd., Chicago, Ill.
- Fidelity & Casualty Co., insurance, 97 Cedar, New York.
- Fidelity Chemical Corp., fertilizer mfrs., Houston, Tex.
- Fidelity Coal & Supply Co., masons' & bldrs. matls., Lima, Ohio.
- Fidelity Constr. Co., Heed Bldg., Philadelphia, Pa.
- Fidelity Cotton Oil Co., meal, Houston, Tex.
- Fidelity & Deposit Co. (Develop. Dept.), bonding company, Baltimore, Md.
- Fidelity Electric Co., dynamo & motor mfrs., Lancaster, Pa.
- Fidelity Glass Co., bottles, Tarentum, Pa.
- Fidelity Mach. & Mfg. Co., tex. machy., cylinders & dials, knitting machines, etc., 4015 Paul, Fkd., Philadelphia, Pa.
- Fidelity Mfg. Co., cotton damasks, Charlotte, N. C.
- Fidelity Metal Co., babbit metal, 192 Diamond, Brooklyn, N. Y.
- Fieber & Holmes, sashes, doors & blinds, Brookville, Ind.
- Fiebing Chemical Co., oils, metal polish, etc., 240 Reed, Milwaukee, Wis.
- Fiedler, A. B., & Sons, silk fringes, 367 W. Adams, Chicago, Ill.
- Fiedler, Chas. K., architect, David Whitney Bldg., Detroit, Mich.
- Fiegel, Albert L., Co., architects, 28 E. Jackson blvd., Chicago, Ill.
- Fiegle, Geo., contractors, Austin, Tex.
- Fiego, Alex. J. R., instruments of precision, Lynn, Mass.
- Fiehler, Aug. D., contractor, Youngstown, O.
- Field, A. J., & Son, lbr. mfrs., Kings Creek, Ky.
- Field, Alfred & Co., core compounds, wholesale hdwe., etc., 93 Chambers, New York.
- Field, Barker & Underwood, contractors, 14 S. Penn sq., Philadelphia, Pa.
- Field-Brundage Co., machsts., Jackson, Mich.
- Field, C. B., Mfg. Co., children's carriages, Greenfield, Mass.
- Field, Chas. H., moulds, ladles & engraving machines, 113 Point, Providence, R. I.
- Field & Clarkson, architects, Wheat Bldg., Fort Worth, Tex.
- Field, D. S., & Levi, lbr., Chattanooga, Tenn.
- Field, David W., water filters, Builders' Exch., Philadelphia, Pa.
- Field Force Pump Co., Elmira, N. Y.
- Field, J. W. M., Inc., distillers, Owensboro, Ky.
- Field, Jas., Co., tents, Rochester, N. Y.
- Field, Julian, & Co., cottonseed oils, Atlanta, Ga.
- Field, L. H., Jr., architect, Jackson, Mich.
- Field, Robt. B., architect, 30 E. 42d, New York.
- Field, S. A., cornice & skylights, Putnam, Conn.
- Field & Shorb Co., mill & fcty., plumbers' & steam fitters' supplies, Decatur, Ill.
- Field, Walter W., & Son, machsts., Cambridge, Mass.
- Field & White Co., felt, paper & pulp mills, 116 Nassau, New York.
- Field, Wm. H., Co., mill & facty. supplies, 35 Washington, N., Boston, Mass.
- Fieldier, A. A., Lumber Co., Sherman, Tex.
- Fieldier & Allen Co., architects & engineers' instr. & supplies, Atlanta, Ga.
- Fieldier, Elbert O., contractor, Allenhurst, N. J.
- Fielding, A., & Bros., tassels, drapery, saddlery, etc., Hoboken, N. J.
- Fielding, Fred A., architect, 117 Buffalo av., Paterson, N. J.
- Fielding, Harry P., architect, 97 College av., Troy, N. Y.
- Fielding, Mantle, architect, 518 Walnut, Philadelphia, Pa.
- Fielding & Shepley, bldg. contrs., 216 W. University av., St. Paul, Minn.
- Fieldner & Son, lumber, Ney, Ohio.
- Fields Brick Co., Chester, Pa.
- Field's, Chas. J., Sons, wholesale hdwe., 633 Market, Phila., Pa.
- Fields, L. C., flour, McHenry, Ga.
- Fields Mfg. Co., woolen blankets, Mouth of Wilson, Va.
- Fieldstein, J. Ethun, architect, Hale Bldg., Philadelphia, Pa.
- Fiers, W. T., machsts., Red Key, Ind.



- Fifer & Beatty, mill & facty. supplies, Front & Lehigh av, Philadelphia, Pa.
- Fifield Bros. Co., mill & facty. supplies, Augusta, Me.
- Fifield Lumber Co., sash, door & blind, Janesville, Wis.
- Fifth Avenue Coal Co., masons' & bldrs.' matls., 5th av & Big Four, Columbus, Ohio.
- Figge, L. R., & Co., contractors, Louisville, Ky.
- Figge, Fred, Co., meat packers, 285 Atlantic av, Brooklyn, N. Y.
- Figge & Hutwelker Co., meat packers, 621 W. 40th, New York.
- Figliolo, J., contractor, 719 Union av, New York.
- Figueria Cut Glass Co., Hammonton, N. J.
- Fike, H. P., & Co., architects, Peru, Ind.
- Filament Supply Co., Hoboken, N. J.
- Filbert Paving Co., Old Builders Exchange, Baltimore, Md.
- File & Alexander, contrs., Decatur, Ill.
- File, D. A., & Co., contrs., Fitzsimons Bldg., Pittsburgh, Pa.
- Filer, Edw. T., sash, door & blind mfrs., 5503 Washington Bl., Chicago, Ill.
- Filer & Stowell Co., engines, pumps, saw mill machy., etc., 219 Beecher, Milwaukee, Wis.
- Filer, W. H., brick, Grove City, Pa.
- Fileri, Christian, Co., sash, door & blind mfrs., 1352 Genesee, Buffalo, N. Y.
- Filice & Perrelli Canning Co., Gilroy, Cal.
- Fillion Mill & Lumber Co., Port Angeles, Wash.
- Filip, Meydrech & Co., sash, door & blind mfrs., 1420 W. 21st, Chicago, Ill.
- Filkins, O. B., buckwheat flour, Stanton, Mich.
- Fill, S. M., architect, Chula Vista, Cal.
- Fillgrove, Louise A., cornices & skylights, Ironton, Ohio.
- Fillion, Jos., cornices, North Platte, Neb.
- Fillion, S. O., raw mica, 68 Murray, New York.
- Fillmore Av. Fdry. & Iron Wks., Buffalo, N. Y.
- Filoon, V. & F. W., Co., boot counters, Brockton, Mass.
- Filson, A. R., & Son, contrs., Bellefontaine, Ohio.
- Fimiani, Joseph, & Son, contrs., 483 Breckinridge, Buffalo, N. Y.
- Finacane Boiler Wks., Houston, Tex.
- Finch, D. C., turpentine, Rocky Ford, Ga.
- Finch, E. N., architect, Peoples' Bk. Bldg., Wilkes-Barre, Pa.
- Finch, J. H., Co., machsts., 24 Beach, Boston, Mass.
- Finch, Jos. S., & Co., gin distillers, 129 McKean, Pittsburgh, Pa.
- Finch Mfg. Co., mining machry., Scranton, Pa.
- Finch, Prun & Co., paper & pulp mills, Glens Falls, N. Y.
- Finch, T. A., flour, Eupora, Miss.
- Fincham, C. T., architect & contractor, Moore Bldg., San Antonio, Tex.
- Finck, J. C., Mine & Milling Co., barytes, 101 Barton, St. Louis, Mo.
- Finck & Oldroyd, silver nov., Elizabeth, N. J.
- Fincke, Oscar, bar fix., 1916 Bryant, San Francisco, Cal.
- Findelsen & Kropf Mfg. Co., plumbers' wood wk., auto. wind-shields, etc., 2550 W. 21st, Chicago, Ill.
- Findlater Hardware Co., San Angelo, Tex.
- Findlay Carriage Co., Findlay, Ohio.
- Findlay Clay Pot Co., Findlay, Ohio.
- Findlay Electric Porcelain Co., Findlay, Ohio.
- Findlay, Robt., Mfg. Co., elec. light fix. mfrs., 349 Adams, Brooklyn, N. Y.
- Findley Elec. Co., armatures, 215 S. 5th, Minneapolis, Minn.
- Findling, H. M., cornices, Valparaiso, Ind.
- Findorff, J. H., bldg. contr., Madison, Wis.
- Fine, Horace E. Co., monograms, Trenton, N. J.
- Finger & Bailey, architects, Kress Bldg., Houston, Tex.
- Fingerhut, Ed., elec. light fix. mfrs., 1206 N. 4th, Phila., Pa.
- Fingerle, Jno. C., machsts. & fndrs., Mason, Mich.
- Fingles, W. A., cornices, 29 S. Howard, Baltimore, Md.
- Finigan, Zabriskie Co., machsts., Paterson, N. J.
- Fink, A., & Sons, meat packers, Newark, N. J.
- Fink, Adam, cotton damasks, Orthodox & Large, Phila., Pa.
- Fink, Alexander W., mach. & fndr., Converse, Ind.
- Fink Bros., contractors, 302 Central av, Albany, N. Y.
- Fink, Chas. A., architect, 14 Wells, Milwaukee, Wis.
- Fink, F. B., Instrument Co., 804 Pine, St. Louis, Mo.
- Fink, Philip, & Sons, cornices, 213 S. 1st, Louisville, Ky.
- Fink, W. A., architect, 426 Franklin Reading, Pa.
- Finke Bros., cooperage stock, Portland, Ore.
- Finke Mfg. Co., arch'l. modelers & sculptors, 83 Plane, Newark, N. J.
- Finkel, Maurice H., architect, Ehrlich Bldg., Detroit, Mich.
- Finkel-Hackmeister Chemical Co., nickel salts, 1910 Forbes, Pittsburgh, Pa.
- Finkell, Wm. T., nickel salts, 103 Maiden la, New York.
- Finkelstein & Co., window display fixtures, 48 Mangin, New York.
- Finkelstein, M., cornices, 37 Spring, Boston, Mass.
- Finkenbinder, C. E., architect, Washington Bldg., Los Angeles, Cal.
- Finkensieper, Benj., architect, 134 Broadway, Brooklyn, N. Y.
- Finkl, A., & Sons, drop forgings, 1326 Cortland, Chicago, Ill.
- Finkle, A. N., lumber, Spring Mills, Pa.
- Finkle, J. J., contractor, Gloversville, N. Y.
- Finlay & Robb, cornices & skylights, Seattle, Wash.
- Finlayson & Fanning, architects, So. Norwalk, Conn.
- Finlayson, Frank L., architect, 2 W. 45th, New York.
- Finley Canning & Mfg. Co., Ozark, Mo.
- Finley & Son, mill & facty. supplies, Dalton, Ga.
- Finn, Alfred G., architect, 716½ Main, Houston, Tex.
- Finn, E. D., Construction Co., Dime Bk. Bldg., Detroit, Mich.
- Finn, Geo. M., soap, 427 E. Water, Syracuse, N. Y.
- Finn, Jas. E., bldg. & general contrs., Geneva, N. Y.
- Finn, James J., & Son, contractors, 9 Cuyler av, Albany, N. Y.
- Finn, John & Co., contractors, 234 E. Fort, Detroit, Mich.
- Finn, Jno., Metal Works, 384 2nd, San Francisco, Cal.
- Finn, Robert, architect, Free Press Bldg., Detroit, Mich.
- Finne & Gjarde, contractors, Northern Bk. Bldg., Seattle, Wash.
- Finnegan, Thos. J., heating contractors, Jersey City, N. J.
- Finnell, John H., contractor, Niagara Falls, N. Y.
- Finneran, Geo., architect, City Hall Annex, Boston, Mass.
- Finney, C. H., & Sons, stone, 139 W. 53d, New York.
- Finney, G. W., Lumber Co., Odessa, Wash.
- Finney, Wm. W., canned goods, Bel Air, Md.
- Finnigan, J. J., & Co., tubular boilers, Atlanta, Ga.
- Finola Mfg. Co., floor scrubbing machs., Hannibal, Mo.
- Finster, C. G., architect, 167 E. Grand av, Detroit, Mich.
- Finver Bros. & Co., umbrella mfrs., 126 5th av, New York.
- Finzer Bros. Clay Co., brick, Shanesville, Ohio.
- Fire Alarm Signal Co., 303 Congress, Boston, Mass.
- Fire Creek Coal & Coke Co., Fire Creek, W. Va.
- Fire & Gas Appliance Co., valve mfrs., 1906 Wyandotte, Kansas City, Mo.
- Fire Prevention Fire Door Mfg. Co., 231 W. 19th, New York.
- Fire Proof Sanitary Housing Co., portable houses, Portland Ore.
- Fire Protection & Equipment Co., automatic fire sprinklers, Merchants' Exc. Bldg., San Francisco, Cal.
- Fire & Water Engng., trade publication, 154 Nassau, New York.
- Firebaugh, D. W., canned goods, Fincastle, Va.
- Firebaugh, W. H., canned goods, Troutville, Va.
- Firestone, E. C., canned goods, Danville, Va.
- Firestone Tire & Rubber Co., Akron, Ohio.
- Firm L'br. Co., Hattiesburg, Miss.
- Firsching, J. A., textile machinery, 614 Broad, Utica, N. Y.
- First Avenue Brick & Tile Co., Evansville, Ind.
- Firth-Sterling Steel Co., McKeesport, Pa.
- Firth, Wm., tex. mach'y supplies, etc., 200 Devonshire, Boston, Mass.
- Fischback Mfg. Co., machsts. & fndrs., Peoria, Ill.
- Fischbeck Soap Co., 17th & Rhode Island, San Francisco, Cal.
- Fischer, Adam E., architect, 373 Fulton, Brooklyn, N. Y.
- Fisher, Adam, Mfg. Co., massage vibrators, St. Louis, Mo.
- Fischer, L. A., & Co., masons' & bldrs.' matls., Bradford, Pa.
- Fischer Bros., store fixtures, 5 E. 137th, New York.
- Fischer Bros. & Corwin, egg beaters, sink brushes, broom covers, etc., 635 N. 3d, Newark, N. J.
- Fischer, Chas., Spring Co., flexible shafts, metal nov. & special-ties, wire springs, etc., 473 Kent av, Brooklyn, N. Y.
- Fischer, F. L., contractor, 2004 Watson, Pittsburgh, Pa.
- Fischer & Flohr, hog rings, Bucyrus, Ohio.
- Fischer Foundry Co., 1615 Roland, Pittsburgh, Pa.
- Fischer, Fred'k Wm., architect, 9154 Commercial av, Chicago, Ill.
- Fischer, Geo., & Co., contractors, 406 12th av, Long Island City, N. Y.
- Fischer, Geo. J., architect, 406 12th av, Astoria, N. Y.
- Fischer, Henrich Co., soap, 2715 Colerain av, Cincinnati, Ohio.
- Fischer, J. A., contractors, Atlanta, Ga.
- Fischer, J. & C., pianos, 417 W. 28th, New York.
- Fischer & Jirouch Co., arch'l. modelers, 4821 Superior av., Cleveland, Ohio.
- Fischer Leaf Co., stove mfrs., Louisville, Ky.
- Fischer Lime & Cement Co., Memphis, Tenn.
- Fischer L'br. Co., Mascota, Ore.
- Fischer Machine Co., machsts., 310 N. 11th, Philadelphia, Pa.
- Fischer Mach. Wks., 1845 Carroll av, Chicago, Ill.
- Fischer, Philip, architect, 514 Dodge, Buffalo, N. Y.
- Fischer-Sweeney Bronze Co., pumps—vacuum, Hoboken, N. J.
- Fischer, Wm. G., Stove & Range Co., 328 Plum, Cincinnati, Ohio.
- Fiscus, W. J., cornices & skylights, Findlay, Ohio.
- Fish, A. E., & Co., machsts., Denver, Colo.
- Fish, A. E. & Co., screens—window & door, Keene, N. H.
- Fish Brush Factory, 4700 Lorain av, Cleveland, Ohio.
- Fish, Charles R., & Co., architects, Worcester, Mass.
- Fish, E. M., Co., bldg. contrs., Eau Claire, Wis.
- Fish, F. S., architect, Superior Bldg., Cleveland, Ohio.
- Fish, Ferd, architect, Larchmont, N. Y.
- Fish, G. R., wood handles, Hancock, N. Y.
- Fish, H. A., & Co., masons' & bldrs.' matls., Elmira, N. Y.
- Fish Hardware Co., Cloquet, Minn.
- Fish & Hunter Co., sashes, doors & blinds, Deadwood, S. D.
- Fish, M. J., & Son, contractors, 114 State, Boston, Mass.
- Fish Rotary Oven Co., Walworth, Wis.
- Fish Stone Co., West of Canal, Columbus, Ohio.
- Fishbeim Trunk & Sample Case Co., 103 Bleeker, New York.
- Fishburn, W. H., Mfg. Co., screens, Denver, Colo.
- Fishel & Marks, scrap iron & steel, 3018 E. 55th, Cleveland, O.
- Fishel-Nessler Co., silver nov., 184 5th av, New York.
- Fisher, A., machsts. & fndrs., Macomb, Ill.
- Fisher, A. B., Co., machsts. & fndrs., 18 Dunham pl, B'klyn, N. Y.
- Fisher, Aaron, stone producers, Delphos, Ohio.
- Fisher & Aitken, architects, Idaho Falls, Idaho.
- Fisher, Albert, carriages, 460 E. Grand Blvd., Detroit, Mich.
- Fisher, Albert J., & Son, architects, 4007 N. Robey, Chicago, Ill.
- Fisher, Alex. machsts., Shawnee, Okla.
- Fisher, Alfred, furnaces, 1453 Austin av, Chicago, Ill.
- Fisher Auto Top Co., Norwalk, Ohio.



- Fisher, B. E., & Co., folding paper boxes, 117 N. 5th av, Chicago, Ill.
- Fisher Bagasse Furnace Co. (Ltd.), New Orleans, La.
- Fisher Body Corp., auto. bodies, Oakland & Piquette, Detroit, Mich.
- Fisher Box Co., packing, Menominee, Mich.
- Fisher Bros., architects, Pontiac, Mich.
- Fisher Bros. Co., steam fitters' supplies, Astoria, Ore.
- Fisher, Carozza Bros. & Co., contractors, Equitable Bldg., Baltimore, Md.
- Fisher Carriage & Wagon Wks., Sedalia, Mo.
- Fisher, Charles H., masons' & bldrs.' materials, Reading, Pa.
- Fisher, Churchill Co., masons' & bldrs.' matls., Dedham, Mass.
- Fisher, Clellan Waldo, architect, 58 Front, Worcester, Mass.
- Fisher & Davis Mfg. Co., mill & facty. supplies, 934 N. 1st, St. Louis, Mo.
- Fisher Devore Construction Co., 34 W. 6th, Cincinnati, Ohio.
- Fisher, E. J., & Co., scrap iron, Wilkes-Barre, Pa.
- Fisher, E. W., Co., steam fitters' supplies, 811 Superior av, NE., Cleveland, Ohio.
- Fisher Electrical Wks., dynamo mfrs., Detroit, Mich.
- Fisher, Francis J., masons' & bldrs.' matls., 2663 Blake, Denver, Colo.
- Fisher, Geo. A., Co., contractors, 600 W. 144th, New York.
- Fisher, Geo. H., Jr., architect, 224 Manson pl, Plainfield, N. J.
- Fisher, Governor Co., machsts. & fdrs., Marshalltown, Ia.
- Fisher, Gurdon R., architect, Newton Highlands, Mass.
- Fisher, H. Messinger, architect, 483 Bloomfield av, Montclair, N. J.
- Fisher, Homer, architect, Anaconda, Mont.
- Fisher, J. L., canned goods, Boone Mill, Va.
- Fisher, Jacob, architect, 25 Av. A, New York.
- Fisher Knitting Machine Co., 19 Whitesboro, Utica, N. Y.
- Fisher, L., Co., contractors, Lawrence Bldg., Waltham, Mass.
- Fisher & Lambie, contractors, Austin, Tex.
- Fisher Leather Belting Co., 221 N. 3d, Philadelphia, Pa.
- Fisher, M., contractor, 687 Mission, San Francisco, Cal.
- Fisher Mach. & Tool Co., 102 Broadway, Buffalo, N. Y.
- Fisher Machine Works Co., Leavenworth, Kans.
- Fisher, Mahlon Leonard, architect, Williamsport, Pa.
- Fisher Mfg. & Fuel Co., masons' & bldrs. matls., Wilmington, O.
- Fisher, Martin, architect, 2156 Central av, Cincinnati, O.
- Fisher, Martin & Sons, cornices, 438 Pearl, Buffalo, N. Y.
- Fisher-Morris Co., store & bar fixtures, Charles City, Ia.
- Fisher, Nicholas E., architect, Williamsport, Pa.
- Fisher & Norris, anvils, vices, etc., Trenton, N. J.
- Fisher, Philip, cornices, 1066 Central av, Cincinnati, Ohio.
- Fisher, R. H., contractor, Cedar Rapids, Ia.
- Fisher, Richards & Todd, hardware (whol.), Hazleton, Pa.
- Fisher, Ripley & Le Boutillier, architects, 45 Bromfield, Boston, Mass.
- Fisher & Rohleder, elec. light fix. mfrs., 219 W. Saratoga, Baltimore, Md.
- Fisher, S. J., masons' & bldrs.' matls., Union City, Ind.
- Fisher & Stables, flour mills, Hebron, Va.
- Fisher, Thorsen & Co., paint, glass, Portland, Ore.
- Fisher, W. H., fndrs., Rebuck, Pa.
- Fisher, W. O., brick, Basco, Ill.
- Fisher, Wm. E., & Arthur A., architects, Century Bldg., Denver, Colo.
- Fisher & Wilson Co., lumber, 819 Rockefeller Bldg., Cleveland, O.
- Fishers Canning Co., Fishers, Ind.
- Fisherville Saw Co., Penacook, N. H.
- Fisk, E. W., cream separators, Newark, N. Y.
- Fisk Mfg. Co., ladders, washing machs., Churubusco, Ind.
- Fisk Mfg. Co., soap, Springfield, Mass.
- Fisk Paper Co., Hinsdale, N. H.
- Fisk Rubber Co., Chicopee Falls, Mass.
- Fiske Bros. Refining Co., oil & grease, 24 State, New York.
- Fiske-Carter Construction Co., 11 Foster, Worcester, Mass.
- Fiske & Co., masons' & bldrs.' matls., 25 Arch, Boston, Mass.
- Fiske & Co., sash, door & blind mfrs., Natick, Mass.
- Fiske, J. W., Iron Wks., 80 Pk. pl, New York.
- Fiske & Meginnis, architects, Bankers' Life Bldg., Lincoln, Neb.
- Fissell, Wm. H., & Co., contractors, 1328 Broadway, New York.
- Fit-All Adjustable Pedal Co., Tiffin, Ohio.
- Fitall, John C., Co., contractors, 181 Putnam av, Brooklyn, N. Y.
- Fitch, C. C., contractor, Norfolk, Va.
- Fitch Dustdown Co., sweeping compounds, 1028 W. Front, Cincinnati, Ohio.
- Fitch Gear Co., Rome, N. Y.
- Fitch, John & Son, cornices & skylights, Millersburg, Ohio.
- Fitch, R. F. & W. B. Co., harness mfrs., Oskaloosa, Ia.
- Fitch, W. & E. T. Co., fndrs., New Haven, Conn.
- Fitchburg Brick Co., Fitchburg, Mass.
- Fitchburg Duck Mills, Fitchburg, Mass.
- Fitchburg Enamel Co., Fitchburg, Mass.
- Fitchburg Fndry Co., Fitchburg, Mass.
- Fitchburg Grinding Machine Co., Fitchburg, Mass.
- Fitchburg Hardware Co., Fitchburg, Mass.
- Fitchburg Htg. & Plumbing Co., Fitchburg, Mass.
- Fitchburg Horn Goods Co., hair pin mfrs., Fitchburg, Mass.
- Fitchburg Machine Wks., Fitchburg, Mass.
- Fitchburg Paper Co., Fitchburg, Mass.
- Fitchburg Steam Engine Co., Fitchburg, Mass.
- Fite & Arbelo Co., sash, door & blind, 20th & Glenwood av, Philadelphia, Pa.
- Fite Hardware Co., wholesale, Dalton, Ga.
- Fitler, Edwin H., Co., cordage & twine mfrs., 517 Arch, Philadelphia, Pa.
- Fitts, Frank E., Mfg. & Supply Co., mills & facty. supplies, 88 Purchase, Boston, Mass.
- Fitzberger, John, Metal Cornice Co., 18 Clay, Baltimore, Md.
- Fitzberger, Thos. F., cornices, 213 Park av, Baltimore, Md.
- Fitzdale Paper Co., Fitzdale, Vt.
- Fitz-Dana & Brown, tin plate, 441 Pearl, New York.
- Fitz Dana & Co., wholesale hdwe., 110 North, Boston, Mass.
- Fitzgerald, Chas., architect, Hathaway Bldg., Milwaukee, Wis.
- Fitzgerald Cotton Mills, Fitzgerald, Ga.
- Fitzgerald Cotton Oil Co., Fitzgerald, Ga.
- Fitzgerald, D. F., granite, Quincy, Mass.
- Fitzgerald, David, cornices, Yonkers, N. Y.
- Fitzgerald, Edward P., architect, 340 Main, Worcester, Mass.
- Fitzgerald, F. H., architect, 1st Nat. Bk. Bldg., Duluth, Minn.
- Fitzgerald Iron Works, Fitzgerald, Ga.
- Fitzgerald, J. E., Co., contractors, New London, Conn.
- Fitzgerald, J. P., contractor, Saratoga Springs, N. Y.
- Fitzgerald, J. W., Co., sand dlrs., Savannah, Ga.
- Fitzgerald, Jas. H., packing box mfr., 417 E. 8th, New York.
- Fitzgerald, John J., & Co., masons' & bldrs.' matls., 2d & Butler, Philadelphia, Pa.
- Fitz Gerald, John L., journal bearings, castings, etc., Albany, N. Y.
- Fitzgerald Laboratories, Niagara Falls, N. Y.
- Fitzgerald, M. J., Co., mill & facty. supplies, 252 Lafayette, New York.
- Fitzgerald Mfg. Co., battery connectors, auto horns, etc., Torrington, Conn.
- Fitzgerald-Speer Co., sash, door & blind, Pen Argyl, Pa.
- Fitzgerald Trunk Co., 1214 Wells, Chicago, Ill.
- Fitzgerald, W. E., flour, Omaha, Ga.
- Fitzgerald, W. & Son, contractors, Salem, Mass.
- Fitzgerald, Wm. J., contractor, Beloit, Wis.
- Fitzgibbon Boiler Co., Oswego, N. Y.
- Fitzgibbon & Crisp, wood & metal auto bodies, carriages, Trenton, N. J.
- Fitz-Gibbon, J. D., contractor, Chemical Bldg., St. Louis, Mo.
- Fitzgibbons Bros., carriages, Monroe, Wis.
- Fitzgibbons, Jas., contractor, Ogdensburg, N. Y.
- Fitzhenry, E. L. & Co., machsts. & fndrs., 49 Washington, N. Boston, Mass.
- Fitzhenry-Guptill Co., spray pumps, 49 Washington N., Boston, Mass.
- Fitzhugh & Fitzhugh, architects, Phoenix, Ariz.
- FitzHugh Luther Co., machsts., 14 E. Jackson blvd, Chicago, Ill.
- Fitzhugh, Thornton, architect, Story Bldg., Los Angeles, Cal.
- Fitz-Mahony, Michael J., architect, 109 Broad, New York.
- Fitzpatrick Bros., cleaning compounds, 1319 W. 32d pl, Chicago, Ill.
- Fitzpatrick, Francis W., architect, 1200 16th, N. W., Washington, D. C.
- Fitzpatrick & Hoepfner, contractors, 63 E. Gay, Columbus, Ohio.
- Fitzpatrick, J. J., & Sons, contractors, Plattsburg, N. Y.
- Fitzpatrick, John, architect, 276 E. 201st, New York.
- Fitzpatrick, John, Co., soap, 28th & Western av, Chicago, Ill.
- Fitz Simmons, A. Burch, architect, Bond Bldg., Washington, D. C.
- Fitzsimmons & Connell Dredge & Dock Co., 2431 S. Paulina & 10 S. La Salle, Chicago, Ill.
- Fitzsimmons, Frank, contrs., Springfield, Ill.
- Fitzsimmons, Thos., brick, Prescott, Ariz.
- Fitzsimmons, Wm. J., architect, 207 Market, Newark, N. J.
- Fitzsimmons Co., machsts. & fndrs., Youngstown, Ohio.
- Fitz Water Wheel Co., Hanover, Pa.
- Five & Ten Store Magazine & Variety Review, trade publications, Gerke Bldg., Cincinnati, Ohio.
- Fix's, S., Sons, steam flue welding, Leonard & Winter, Cleveland, Ohio.
- Fixture Specialty Co., shade holders, Los Angeles, Cal.
- Fixture Spray Co., pneumatic spray brushes, 545 W. 22d, New York.
- Fizer, W. E., canned goods, Bedford, Va.
- Flaccus, C. L., Glass Co., bottles, tex. machy., spinning frames, Empire Bldg., Pittsburgh, Pa.
- Flaccus, E. C., Co., canned goods, Wheeling, W. Va.
- Flaccus, Wm., Oak Leather Co., blacksmiths' bellows, 1228 River av, Pittsburgh, Pa.
- Flack Bros., masons' & bldrs.' matls., East Chicago, Ill.
- Flack, Ernest, flour, Comfort, Tex.
- Flagg, Ernest, architect, 109 Broad, New York.
- Flagg, Geo. A., architect, 665 Newark av., Jersey City, N. J.
- Flagg, L. G. & Co., glass mosaic wk., Sudbury Bldg., Boston, Mass.
- Flagg, Stanley G. & Co., machsts. & fndrs., 1421 Chestnut, Philadelphia, Pa.
- Flagler & Allen, brick, Arlington, N. Y.
- Flagler Co., contractors, Atlanta, Ga.
- Flambeau Lbr. Co., Lac De Flambeau, Wis.
- Flambeau Paper Co., Park Falls, Wis.
- Flambeoe, A. G. H., architect, Keokuk, Ia.
- Flamer Water Tube Boiler Co., Akron, Ohio.
- Flanagan & Beidenweg Co., glass stainers, 312 W. Illinois, Chicago, Ill.



- Flanagan, C., Co., school supplies & specialties, 521 S. Wabash av., Chicago, Ill.
- Flanagan, John, Buggy Co., Greenville, N. C.
- Flanagan, Jno. J., Jr., stone producers, Lannon, Wis.
- Flanagan Lumber Co., Lake Keechelus, Wash.
- Flanagan, M. C., file mfrs., New Haven, Conn.
- Flanagan, Stephen, & Sons, contractors, Scranton, Pa.
- Flanagan, Wm. contractor, 118 E. 28th, New York.
- Flanagan-Zeller Brick Mfg. Co., 1st & Michigan av., Kansas City, Mo.
- Flanders, A. F., Mfg. Co., display racks, Buffalo, N. Y.
- Flanders, Chas., lbr., Brentwood, N. H.
- Flanders Co., auto horns, Detroit, Mich.
- Flanders, Geo. L., lbr., Lebanon, N. H.
- Flanders Hdwe. Co., North Weare, N. H.
- Flanders, J. E., architect, 1320 Puterbaugh, San Diego, Cal.
- Flanagin Hdwe. Co., cornices, Logansport, Ind.
- Flanigan, P., & Sons, contractors, Harford rd & B. & O. R. R., Baltimore, Md.
- Flanner-Steger Land & Lbr. Co., 28 E. Jackson blvd., Chicago, Ill.
- Flannery Bolt Co., Vanadium Bldg., Pittsburgh, Pa.
- Flannery, J. Rogers & Co., lock washers, Vanadium Bldg., Pittsburgh, Pa.
- Flannery, P. J., Co., steam cocks, fndrs., New Britain, Conn.
- Flannery, P. J., & Son, contractors, Yonkers, N. Y.
- Flannery, P., & Son, masons' & bldrs.' matls., State & Belt Line, East St. Louis, Ill.
- Flash Chemical Co., soaps, polishes & disinfectants, mfrs., Kendall sq., Cambridge, Mass.
- Flashlight Battery Co., 131 Wooster, New York.
- Flat O Roll Mfg. Co., toilet paper bldrs., Herkimer, N. Y.
- Flat-Slab Patent Co., concrete floors & arches, 332 So. Michigan av., Chicago, Ill.
- Flat-Top Fuel Co., coke, Bluefield, W. Va.
- Flater, H., & Son, pumps, Findlay, Ohio.
- Flather & Co., machsts., Nashua, N. H.
- Flather, E. J., Mfg. Co., gear cutting machines & machine tool mfrs. & fndrs., Nashua, N. H.
- Flather Fdry. Co., Nashua, N. H.
- Flatley Bros. Co., masons' & bldrs.' matls., Green Bay, Wis.
- Flavell Co., tallows, soap powders, Asbury Park, N. J.
- Flavell, Geo. W. & Bro., elastic hosiery, 1011 Spring Garden, Philadelphia, Pa.
- Flavin, W. H., & Co., plating wks., 247 Centre, New York.
- Fleck Bros. Co., plumbers' supplies—jobbers, 44 N. 5th Philadelphia, Pa.
- Fleck Carbon Co., 71 W. B'way, New York.
- Fleck, Chas. W., cornices, 2016 Cherokee, St. Louis, Mo.
- Fleck, M., clothes dryers, cans, etc., 119 E. 131st, New York.
- Fleckenstein, Geo. J., brick, Anna, Ohio.
- Fleckenstein, V., machsts. & fndrs., Dorchester, Wis.
- Fleet, Frank E., Co., patent leather, 112 Beach, Boston, Mass.
- Fleet-McGinley Co., R. R. stationery, cor. South & Water, Baltimore, Md.
- Fleetwood Metal Body Co., Fleetwood, Pa.
- Fleischer, Ernest, Knitting Co., sweaters, etc., 379 11th av., Milwaukee, Wis.
- Fleischman, Jno L., lbr. mfrs., Saginaw, Mich.
- Fleischmann Co., alcohol distillers, 427 Plum, Cincinnati, Ohio.
- Fleischmann Constr. Co., 7 W. 40th, New York.
- Fleischmann Mfg. Co., gin distillers, 69 Bank, New York.
- Fleisher & Hoffman, contractors, Palace Bldg., Minneapolis, Minn.
- Fleisher-Rise Construction Co., Plymouth Bldg., Minneapolis, Minn.
- Fleishhacker, A., & Co., folding paper boxes, 134 Fremont, San Francisco, Cal.
- Fleissner, Chas., leather embossing plates, 121 N. J. R. R. av., Newark, N. J.
- Fleming, Alfred J., stone, sand & gravel dlrs., 109 Broad, New York.
- Fleming, Arch, flour mills, Fairmont, W. Va.
- Fleming Bros. Co., masons' & bldrs.' matls., 701 S. B'way, Denver, Colo.
- Fleming, Bryant, architect, Prudential Bldg., Buffalo, N. Y.
- Fleming & Co., canned goods, S. W. cor. Cross & Race, Baltimore, Md.
- Fleming & Co., Masons' & bldrs.' matls., 253 B'way, New York.
- Fleming-Dearing Hardware Co., Athens, Ga.
- Fleming, E. L., flour, Middlesburg, N. C.
- Fleming Fdry. Co., Springfield, Mass.
- Fleming, J. H., & Son, stone producers, Henderson, Ky.
- Fleming, Jas., cornices & skylights, Lansing, Mich.
- Fleming, Jas. M., contractor, Adams, Mass.
- Fleming, John G., & Son, paper & pulp mills, Dallas, Tex.
- Fleming Lumber & Merc. Co., Red Cliff, Colo.
- Fleming, Otto, medical batteries, 1028 Arch, Philadelphia, Pa.
- Fleming & Sons Mfg. Co., agricl. implements, Huntsville, Mo.
- Fleming, Willis N., architect, Natick, Mass.
- Fleming's, Wm., Sons, tubular boilers, New Castle, Pa.
- Flemington Mill Co., flour, Flemington, W. Va.
- Flemins, C. C., contractor, 204 Omega, Pittsburgh, Pa.
- Flemish Lynn Phonograph Co., talking machs., 269 37th, Brooklyn, N. Y.
- Flemming Tank Co., wood, 3115 Liberty, Pittsburgh, Pa.
- Flenen, L., Jr., architect, 3697 Boulevard, Jersey City, N. J.
- Flentje, Ernest, shock absorber mfrs., 1643 Cambridge, Cambridge, Mass.
- Flesher, Chas. H., machsts., Dunkirk, N. Y.
- Fleshman, H. P., canned goods, Troutville, Va.
- Fletcher, Arthur G. C., architect, Park av & 41st, New York.
- Fletcher & Crowell Co., machsts. & fndrs., Portland, Me.
- Fletcher, E. F., architect, Independence, Kans.
- Fletcher, E. R., granite producer, Hardwick, Vt.
- Fletcher, E. R., machsts., Bloomington, Ind.
- Fletcher Furniture Co., Nashua, N. H.
- Fletcher, Geo. N., & Sons, lbr. mfrs., Alpena, Mich.
- Fletcher Guano Co., Columbus, Ga.
- Fletcher, H. B., architect, 306 North Sta., Boston, Mass.
- Fletcher, H. E., Co., crushed stone, contractors, West Chelmsford, Mass.
- Fletcher, H. N., granite producers, Graniteville, Mass.
- Fletcher, John C., machsts., McColl, S. C.
- Fletcher-Lahey Co., contractors, 31 State, Boston, Mass.
- Fletcher Lumber Co., Ottumwa, Ia.
- Fletcher Mfg. Co., brackets, guy clamps, insulators, pulleys, etc., Dayton, Ohio.
- Fletcher Mfg. Co., machsts. & fndrs., Newport, Ky.
- Fletcher Paper Co., Alpena, Mich.
- Fletcher & Robbins, contractors, Augusta, Me.
- Fletcher, Robert C., architect, 179 W. Washington, Chicago, Ill.
- Fletcher, Terry Co., glass cutters, putty knives, can openers, etc., Forestville, Conn.
- Fletcher, Thompson, Inc., mill engrs., Bridgeport, Conn.
- Fletcher, W. A., machst. & fndr., Clarksville, Mo.
- Fletcher, W. & A., Co., machsts. & fndrs., Hoboken, N. J.
- Fletcher, W. B., & J. A., meal, McCall, S. C.
- Fleurant, J. F., contractor, Woonsocket, R. I.
- Flexible Armored Hose Co., Buffalo, N. Y.
- Flexible Bolt Co., Thompson av., Pittsburgh, Pa.
- Flexible Compound Co., paint & varnish mfrs., 3607 Haverford, Philadelphia, Pa.
- Flexible Paint Co., Huntington, Ind.
- Flexible Steel Lacing Co., lamp guards, 522 S. Clinton, Chicago, Ill.
- Flexitall Gasket Co., Camden, N. J.
- Flexlune Sign Co., 1453 Niagara, Buffalo, N. Y.
- Flexner-Taylor Co., Ltd., fireproofing & waterproofing materials, 786 E. B'way, S. Boston, Mass.
- Flexol Co., waterproofing materials, 55 Liberty, New York.
- Flexotile Floor Co., Rockford, Ill.
- Flexstone Construction Co., sanitary composition flooring, Hartman Bldg., Columbus, Ohio.
- Flick, Ira C., architect, Snow Bldg., Syracuse, N. Y.
- Flick, J. H., Construction Co., 37 W. Van Buren, Chicago, Ill.
- Flickinger Bros., machsts., Hanover, Pa.
- Flickinger, J. H., Co., canned goods, San Jose, Cal.
- Flickinger, Jno. D., machsts., Hanover, Pa.
- Flickinger & Miller, carriages, Fort Scott, Kans.
- Flickner, J. O., & Sons, horse collars, Evansville, Ind.
- Flickwir & Bush, contractors, 1 Madison av., New York.
- Flickwir, D. W., contractor, Roanoke, Va.
- Fligeltaub, Hy., scrap iron & steel, Evansville, Ind.
- Flinchbaugh Machine Co., oil engine mfrs., York, Pa.
- Flinn & Breneman, hgt. contrs., Lancaster, Pa.
- Flinn & Drefflein Co., furnaces, gas producers, etc., 431 S. Dearborn, Chicago, Ill.
- Flinn & Treacy, contractors, 1st Natl. Bk. Bldg., San Fran., Cal.
- Flint, A. A., lbr. mfrs., Tyngsboro, Mass.
- Flint, A. W., & Co., ladders, New Haven, Conn.
- Flint Brick Co., Des Moines, Ia.
- Flint & Chester, mill & facty. supplies, 237 Lafayette, New York.
- Flint Coal Co., masons' & bldrs.' matls., Flint, Mich.
- Flint, Dayton Co., contractors, 335 Chene, Detroit, Mich.
- Flint Elec. & Mfg. Co., snap switches, 1402 Delgany, Denver, Colo.
- Flint, F. W., architect, Brandon, Vt.
- Flint, Geo. C., Co., interior hardwood wk., 20 W. 36th, New York.
- Flint Hollow Canning Co., Seymour, Mo.
- Flint Lumber Co., Flint, Mich.
- Flint, N. R., wood handles, East Hiram, Me.
- Flint Pattern & Foundry Co., Flint, Mich.
- Flint River Brick Co., Albany, Ga.
- Flint River Cotton Mill, cotton sheetings, Albany, Ga.
- Flint River Cypress Co., Albany, Ga.
- Flint River Milling Co., flour, Bainbridge, Ga.
- Flint Sandstone Brick Co., Flint, Mich.
- Flint Specialty Co., whip sockets, Flint, Mich.
- Flint Varnish & Color Wks., Flint, Mich.
- Flint & Walling Mfg. Co., mill & factory supplies & agri'l implements, Kendallville, Ind.
- Flint, Warren F., brushes, etc., 220 Franklin, Boston, Mass.
- Flint, Wyman, & Sons Co., paper & pulp mills, Bellows Falls, Vt.
- Flintkote Mfg. Co., asphalt shingles & prepared roofing mfrs., 88 Pearl, Boston, Mass.
- Flippor, H. O., canned goods, Buchanan, Va.
- Flizikowski, John S., architect, 138 N. La Salle, Chicago, Ill.
- Flocken, Chas., contractor, Elizabeth, N. J.
- Flocker, Jno., & Co., mill & facty. supplies, 957 Liberty, Pittsburgh, Pa.
- Floesch Construction Co., contractors, Cape Girardeau, Mo.
- Floeter, P. C., architect, Bay City, Mich.



- Flogaus, G. M., & Co., stone prod., 2635 3d av, New York.  
 Flohr, G., Co., cornices & skylights, Mansfield, Ohio.  
 Flood City Mfg. Co., machsts., Johnstown, Pa.  
 Flood & Conklin Co., enamels, varnishes, etc., 132 Chestnut, Newark, N. J.  
 Flood, Edw. F., & Co., caskets, etc., 24 Essex, Newark, N. J.  
 Flood, Geo. S., & Co., masons' & bldrs.' matls., Waterville, Me.  
 Flood & Van Wirt Co., contractors, Hudson Falls, N. Y.  
 Flood, Walter H., chemical engr., 3725 Langley av, Chicago, Ill.  
 Floodberg & McCaffery, contractors, Monadnock Bldg., San Francisco, Cal.  
 Floor-Shine Mfg. Co., 2744 Olive, St. Louis, Mo.  
 Floote Lumber Co., Spencer, Ia.  
 Flor, Edw., saddle trees, Demarest, Ga.  
 Flora, G. B., & Sons, canned goods, Wirtz, Va.  
 Flora Saw Mill Co., lbr., Flora, Ind.  
 Florence Bros. Mfg. Co., sash, doors & blinds, Paterson, N. J.  
 Florence, B. D., & Son, flour mills, New Haven, Ky.  
 Florence Column Co., Florence, Ala.  
 Florence Co., machsts. & fndrs., Florence, Mass.  
 Florence Furniture Co., caskets, coffins, Florence, Mass.  
 Florence Ginning & Milling Co., flour, Florence, S. C.  
 Florence Iron Co. of Wisc., 25 Broad, New York.  
 Florence Iron Wks., machsts. & fndrs., 400 Chestnut, Phila., Pa.  
 Florence Knitting Mills, sweaters, etc., Lehigh & Nutter, Philadelphia, Pa.  
 Florence Mach. Co., polishing machs., Florence, Mass.  
 Florence Mach. & R. R. Supply Co., Florence, Ala.  
 Florence Mfg. Co., metal nov. & specialties, Florence, Mass.  
 Florence Mills, cotton sheeting, Forest City, N. C.  
 Florence Silver Plate Co., 108 W. Lombard, Baltimore, Md.  
 Florence Table & Lbr. Co., Memphis, Tenn.  
 Florence Thread Co., Florence, N. J.  
 Florence Wagon Co., Florence, Ala.  
 Florentine Alabaster Cement Art Wks., 353 N. State, Chicago, Ill.  
 Florentine Art Plaster Co., 2208 Chestnut, Philadelphia, Pa.  
 Florentine Pottery Co., Chillicothe, Ohio.  
 Florey Bros., pianos, Washington, N. J.  
 Florey's Brick Wks., East Downingtown, Pa.  
 Florida Auto & Gas Engine Co., Tampa, Fla.  
 Florida Cotton Oil Co., cottonseed meal, Chattanooga, Tenn.  
 Florida Crushed Rock Co., Tampa, Fla.  
 Florida Electric & Machy. Co., Lakeland, Fla.  
 Florida Fertilizer Co., Gainesville, Fla.  
 Florida Hardware Co., Jacksonville, Fla.  
 Florida Land Co., lumber, Montbrook, Fla.  
 Florida Lime Co., Ocala, Fla.  
 Florida Mach. Wks., brass castings, Jacksonville, Fla.  
 Florida Mfg. Co., meal, Madison, Fla.  
 Florida Metal Products Co., Jacksonville, Fla.  
 Florida Phosphate Mining Corp., Bartow, Fla.  
 Florida Pine Co., lumber, Jacksonville, Fla.  
 Florida Pitch Pine Lumber Co., Fernandina, Fla.  
 Florida Soap Works, Jacksonville, Fla.  
 Florida Tie & Lumber Co., Jacksonville, Fla.  
 Florida Trunk Mfg. Co., Jacksonville, Fla.  
 Florida Woodenware Co., Palatka, Fla.  
 Floridin Co., fullers earth, Warren, Pa.  
 Florin, Philip, advtg. nov., 465 Broome, New York.  
 Florists' Exchange, trade publication, 448 W. 37th, New York.  
 Flory, S. Mfg. Co., slate & stone machinery & hoisting engines, Bangor, Pa.  
 Fostoria Stave & Barrel Co., cooperage stock, Fostoria, Ohio.  
 Floto Bros. Constr. Co., Steubenville, Ohio.  
 Floto, Julius, architect, Austin, Ill.  
 Flottemesch, H., canned goods, Magnolia, Md.  
 Flounders, Jas. B., contractor, 1329 Arch, Philadelphia, Pa.  
 Flounders, Newton, architect, Media, Pa.  
 Flour City Ornamental Iron Wks., 27th & 27th av, Minneapolis, Minn.  
 Flour City Trunk Co., 115 2d av, S. E., Minneapolis, Minn.  
 Flour, Hay, Grain & Feed Journal, 233 B'way, New York.  
 Flournoy, Addison H., landscape architect, McClean Bldg., Washington, D. C.  
 Flournoy, David, brick, Evergreen, La.  
 Flournoy & Flournoy, archts., McClean Bldg., Washington, D. C.  
 Flower City Plant Food Co., Rochester, N. Y.  
 Flower City Tissue Mills Co., Rochester, N. Y.  
 Flower Lumber Co., Jakin, Ga.  
 Flower, Walter L., Co., oil filters, 307 S. 8th, St. Louis, Mo.  
 Flowers, E. P., & Co., lumber mfrs., Montgomery, Ala.  
 Flowers Fndry. Co., Harmony, Pa.  
 Flowery Branch Gin & Oil Co., Flowery Branch, Ga.  
 Floyd Cotton Mills, Rome, Ga.  
 Floyd & Lee, turpentine, Thomasville, Ga.  
 Floyd-Niebuhr Co., contractors, 2508 Emerson, N. Minneapolis, Minn.  
 Floyd, W. H., architect, 656 Wabash av, Terre Haute, Ind.  
 Floyd, Warren L., architect, 124 Stevens, Lowell, Mass.  
 Floyd-Wells Co., stove mfrs., Royersford, Pa.  
 Fluck & Hamilton, stone, 7306 Kimbark av, Chicago, Ill.  
 Fludder, A. J., contractor, Newport, R. I.  
 Fluegel, Anton, archl. iron, 219 Cook, Brooklyn, N. Y.  
 Flugger, Jno. C., architect, 766 Second av, San Francisco, Cal.  
 Fluhrer, Lewis P., Co., contractors, 220 W. 42d, New York.  
 Fluke, J. B., & Son, contractors, Altoona, Pa.  
 Fluke, P. M., canned goods, Blue Ridge Springs, Va.  
 Fluor Bros. Const. Co., bldg. contrs., Oshkosh, Wis.  
 Fluor-Spar Waterproofing & Constr. Co., 366 B'way, New York.  
 Flurie, E. E., brick, New Cumberland, Pa.  
 Flury, Geo. B., contractor, 1138 S. 22d, Philadelphia, Pa.  
 Flushing Canning Co., Flushing, Mich.  
 Flushvalve Co., flushing valves, 245 Centre, New York.  
 Fluskey, J. B., tubular boilers, Pier 4, Pratt, Baltimore, Md.  
 Fly Swatter Mfg. Co., Canton, Ohio.  
 Flygare & Barnes, machsts. & fndrs., Connell, Wash.  
 Flynn Bros., brass fndrs., Hoboken, N. J.  
 Flynn Bros. Brush Mfg. Co., Troy, N. Y.  
 Flynn & Doyle Co., carriages, Bantam, Conn.  
 Flynn & Emrich Co., machinery manfrs., Baltimore, Md.  
 Flynn, John J., Co., contractors, 209 Essex, Salem, Mass.  
 Flynn, M. W., granite, Westerly, R. I.  
 Flynn, T. J., Metal Wks., Cambridge, Mass.  
 Flynn, W. S., clarifiers, condensers & stills, 76 Hudson, Jersey City, N. J.  
 Flynn, Wm. F., & Son, cornices & skylights, Attleboro, Mass.  
 Flynt Building & Construction Co., Palmer, Mass.  
 Flynt, W. N., Granite Co., crushed stone, Monson, Mass.  
 F. & N. Lawn Mower Co., Richmond, Ind.  
 Foale, F. A. S., architect, Ochsner Bldg., Sacramento, Cal.  
 Foard, S. B., canned goods, Rocks, Md.  
 F. & O. Cedar Wks. (Ltd.), 49 Murray, New York.  
 Focht, Geo., Sons, fndry. barrows, machsts., Hoboken, N. J.  
 Focht, L. H., & Son, contractors, Reading, Pa.  
 Fockens, R., architect, 7 Water, Boston, Mass.  
 Focke's, Wm., Sons Co., meat packers, Dayton, Ohio.  
 Foco Oil Co., lubrg., Franklin, Pa.  
 Foehringer, Fred'k W. L., architect, 186 N. La Salle, Chicago, Ill.  
 Foell, August, architect, 3349 California av, St. Louis, Mo.  
 Foell Supply Co., canned goods, 331 W. 22d pl, Chicago, Ill.  
 Foeller & Schober, architects, Green Bay, Wis.  
 Foerst, John, & Sons, fuel oil burners, Bayonne, N. J.  
 Foery & Kastner, contractors, Rochester, N. Y.  
 Fogarty, Jas. H., traps, heaters, regulators, 126 Liberty, New York.  
 Fogarty, M. J., machsts., 40 Harrison, Brooklyn, N. Y.  
 Fogarty, Michael, tubular boilers, 521 W. 33d, New York.  
 Fogarty, Philip, & Co., sink brushes, 49 Wyona, Brooklyn, N. Y.  
 Fogerty, Wm. J., heating contr., 26 Peck, Providence, R. I.  
 Fogg, Arthur A., patterns & models, Meriden, Conn.  
 Fogg, Ezra D., Co., lbr. mfrs., New Haven, Conn.  
 Fogg & Hires Co., canned goods, Salem, N. J.  
 Fogg, M. W., boat cushions, mattresses, 202 Front, New York.  
 Fogle Bros. Co., contractors, masons' & bldrs.' matls., Winston Salem, N. C.  
 Fogle Const. Co., contrs., Reliance Bldg., Kansas City, Mo.  
 Fogliasso-Clement Bldg. Co., 197 Bleeker, New York.  
 Foidel, S., canned goods, Knoxville, Ia.  
 Foisher Bros. Paper Co., pads & tablets, Fort Wayne, Ind.  
 Folberth Auto Specialty Co., carbureters, 7914 Lake av, Cleveland, Ohio.  
 Fold Easy House Mfg. Co., chairs, swings, etc., McClure, Pa.  
 Folding Mattress Co., New Haven, Conn.  
 Folding Partition Co., 200 Broadway, New York.  
 Folding Sawing Mach. Co., 161 W. Harrison, Chicago, Ill.  
 Folding Scaffold Bracket Co., 60 W. Lafayette av, Detroit, Mich.  
 Foley Bros., bldg. contrs., Gilfillan Bldg., St. Paul, Minn.  
 Foley Bros. Co., stone producers, Olean, N. Y.  
 Foley Contracting Co., Wabash & Violet, Pittsburgh, Pa.  
 Foley, D. A., & Co., contractors, Aitkin, Minn.  
 Foley, E. W., Contracting Corp., Woonsocket, R. I.  
 Foley, F. W., brass wire, Dollar Bay, Mich.  
 Foley Fertilizer Co., Foley, Ala.  
 Foley, John F., stationers' specialties, Attleboro, Mass.  
 Foley, John J., architect, 46 Kearney, San Francisco, Cal.  
 Foley, M., Co., contractors, Evanston, Ill.  
 Foley Supply Co., plumbers', mill & facty. supplies, 327 E. Water, New York.  
 Foley, W. E., architect, Baker Bldg., Springfield, Mo.  
 Foley-Wardwell Co., machsts., Cleveland, Ohio.  
 Foley & Williams Piano Co., 19 W. Jackson blvd, Chicago, Ill.  
 Foley-Williams Supply Co., machsts. & fndrs., 19 W. Jackson blvd, Chicago, Ill.  
 Folger, Jacob, meat packer, Toledo, Ohio.  
 Folk Bros., contractors, Findlay, Ohio.  
 Folk, E. L., Co., whol. hdwe., mill & facty. supplies, masons' & bldrs.' matls., Suffolk, Va.  
 Folks, T. John, architect, Colt Bldg., Paterson, N. J.  
 Foll Bros., flour, Mount Pleasant, N. C.  
 Folland, W. C., architect, W. South Temple, Salt Lake City, Utah.  
 Follansbee Brothers Co., tin plate & sheet metals, 3rd & Liberty, Pittsburgh, Pa.  
 Follett Time Recording Co., 29 Murray, New York.  
 Follmer, C. C., & Co., lbr. mfrs., Grand Rapids, Mich.  
 Follmer, Clogg & Co., umbrella mfrs., 114 5th av, New York.  
 Follrath, W. D., & Co., cornices, Springfield, Ohio.  
 Folsom, C. G., Mfg. Co., rural mail boxes, South Bend, Ind.  
 Folsom, H. & D., Arms Co., whol. h'dwe., 314 B'way, New York.  
 Folsom Snow Guard Co., 4 P. O. sq., Boston, Mass.  
 Folsom & Stanton, architects, 1328 Walnut, Philadelphia, Pa.  
 Folsom & Tillman Hardware Co., Helena, Ga.  
 Folsom, W. B., wholesale hdwe., McRae, Ga.



- Foltmer, Peter, sash, door & blind, St. Cloud, Minn.  
 Foltz, Cyrus, contractor, Swayzee, Ind.  
 Foltz, D. C., common brick, Dunbar, Pa.  
 Foltz, Fritz, & Son, architects, 111 W. Washington, Chicago, Ill.  
 Foltz, Herbert, architect, Lemcke Annex, Indianapolis, Ind.  
 Foltz Manufg. & Supply Co., mill & facty. supplies, whol., Hagerstown, Md.  
 Folz, Frank W., & Co., contractors, Dayton & Freeman av, Cincinnati, Ohio.  
 Foncar, Mary M., patent lthr., Woburn, Mass.  
 Fond du Lac Church Furniture Co., Fond du Lac, Wis.  
 Fonda, F. A., agricultural implements, East Galway, N. Y.  
 Fonda, W. B. (Est. of), lime mfrs., Saint Albans, Vt.  
 Fonder, Edw. F., contractor, Land Title Bldg., Philadelphia, Pa.  
 Fones Bros. Hardware Co., Little Rock, Ark.  
 Fontaine, B., Hardware Co., Green Bay, Wis.  
 Fontaine, Walter F., architect, Woonsocket, R. I.  
 Fontein, Wm., Piano Co., Columbus, Neb.  
 Foohey, Timothy, Dredging Co., Fort Wayne, Ind.  
 Fooks Lumber Co., Paducah, Ky.  
 Foos Gas Engine Co., Springfield, Ohio.  
 Foot, Homer, & Co., mill & facty. supplies & whol. h'dwe., Springfield, Mass.  
 Foot, M. D., architect, 1432 75th, Brooklyn, N. Y.  
 Foot Mfg. Co., platers & polishers' supplies, 36 Germania av, Jersey City, N. J.  
 Foote & Becker, whol. h'dwe., Scranton, Pa.  
 Foote Bros. Gear & Machine Co., 210-220 N. Carpenter, Chicago, Ill. *See adv index at end of book*  
 Foote-Burt Co., drilling machines, 4101 St. Clair, Cleveland, O.  
 Foote, C. H., Lumber Co., Scranton & Girard av, Cleveland, O.  
 Foote, C., Mfg. Co., machsts., Nunda, N. Y.  
 Foote Concrete Machinery Co., 110 South La Salle, Chicago, Ill.  
 Foote, D. E., & Co., canned goods, 2039 Aliceanna, Baltimore, Md.  
 Foote, Headley & Carpenter, architects, Cutler Bldg., Rochester, N. Y.  
 Foote, J. B., Foundry Co., Fredericktown, Ohio.  
 Foote Mfg. Co., combination tools, Dayton, Ohio.  
 Foote Mineral Co. (mineral products mfrs.), 109 N. 19th, Philadelphia, Pa.  
 Foote, Pierson & Co., elec'l testing instruments, etc, 160 Duane, New York.  
 Foote, R. W., architect, 185 Church, New Haven, Conn.  
 Foote's Trunk & Bag Fcty., Atlanta, Ga.  
 Foran Fndry. & Mfg. Co., Flemington, N. J.  
 Forbach, Christ, contractor, 204 French, Buffalo, N. Y.  
 Forbes, A. J., & Son, bank fix., 1530 Filbert, San Francisco, Cal.  
 Forbes, Benj. P. Co., metal polish, Cleveland, Ohio.  
 Forbes Boiler & Iron Wks., Peoria, Ill.  
 Forbes, Chas. M., chemicals, Crocker Bldg., San Francisco, Cal.  
 Forbes, Chas. W., architect, 837 Elmwood av, Fort Worth, Tex.  
 Forbes Co., water sterilizers, 1234 Callowhill, Philadelphia, Pa.  
 Forbes, D. H., cornices & skylights, Topeka, Kans.  
 Forbes Dry Plate Co., 26 Forbes, Rochester, N. Y.  
 Forbes E. M., contractor, Norfolk, Va.  
 Forbes, H. deB., architect, Richmond, Ky.  
 Forbes, J. P., coupon books, Coshocton, Ohio.  
 Forbes Mfg. Co., wholesale hdwe., Hopkinsville, Ky.  
 Forbes & Myers, electric grinder mfrs., 169 Union, Worcester, Mass. *See adv index at end of book.*  
 Forbes, Robt. R., ground connection clamps, Mt. Holly, N. J.  
 Forbes Silver Co., Meriden, Conn.  
 Forbes Varnish Co., West Park, Ohio.  
 Forbes, W. S., & Co., meat packers, Richmond, Va.  
 Forburger Stone Co., Lincoln, Neb.  
 Forbush Planing Mill Co., Gowanda, N. Y.  
 Force, Chas. C., & Son, mill & facty. supplies, Madison, N. J.  
 Force, W. A., & Co., hand stamp makers' machy., machsts., etc, 535 Pearl, New York.  
 Forchelmer, Hugo, lumber, Whitney Bldg., New Orleans, La.  
 Ford, A. H., stone producers, Huberton, N. Y.  
 Ford, A. P., & Co., canned goods, Crisfield, Md.  
 Ford Auger Bit Co., Holyoke, Mass.  
 Ford, Boos & Schoof, contractors, Janesville, Wis.  
 Ford Bros., canned goods, Syracuse, N. Y.  
 Ford Bros., machsts., 23 Illinois, Buffalo, N. Y.  
 Ford Bros. & Co., machsts. & fndrs., 1610 S. Front, Phila., Pa.  
 Ford Bros. Glass Co., 207 Washington av N., Minneapolis, Minn.  
 Ford, Butler & Oliver, architects, 101 Park av., New York.  
 Ford Chain Block & Mfg. Co., hoists (chain), 139 N. Oxford, Philadelphia, Pa.  
 Ford & Co., wheels, Tippecanoe City, Ohio.  
 Ford, E. J., stone producers, Scotts Crossing, Ohio.  
 Ford, Edw., Plate Glass Co., Rossford, Ohio.  
 Ford, F. Codman, masons' & bldrs.' matls., front brick, 738 Union, New Orleans, La.  
 Ford Fdry. Co., stoves, Concord, N. H.  
 Ford Flour Co., Nashville, Tenn.  
 Ford, Geo., machst. & fndr., Mystic, Ia.  
 Ford, H. L., architect, Hippodrome Arcade, Youngstown, Ohio.  
 Ford, Hamilton E., architect, Lorain, Ohio.  
 Ford Hardware Co., Washington C. H., Ohio.  
 Ford, Hudson & Co., flour, Plateau, N. C.  
 Ford, J. B., Co., metal cleaners, Wyandotte, Mich.  
 Ford, J. C., stone producers, Scotts Crossing, Ohio.  
 Ford, J. W., flour mills, Hartford, Ky.  
 Ford & Johnson Co., chairs, 1435 Wabash av, Chicago, Ill.  
 Ford & Kimball, machsts. & fndrs., Concord, N. H.  
 Ford & Kendig Co., plumbers' supplies—jobbers, 312 W. 24th, Philadelphia, Pa.  
 Ford Lbr. Co., sash, door & blind mfrs., Princeton, Ind.  
 Ford Lumber Co., Sioux City, Ia.  
 Ford, M. I., Co., contractors, Binghamton, N. Y.  
 Ford Mfg. Co., building sheathing, paper & pulp mills, felts, linings, etc., 2339 La Salle, Chicago, Ill.  
 Ford Mfg. Co., weather strips, Holyoke, Mass.  
 Ford Mfg. Co., machsts., Rockford, Ill.  
 Ford Mfg. Co., pot covers, Newark, N. J.  
 Ford Meter Box Co., Wabash, Ind.  
 Ford Motor Co., auto builders & gas engine mfrs., Detroit, Mich.  
 Ford Paving Co., Cedar Rapids, Ia.  
 Ford-Perry Co., silver novelties, 70 Ship, Providence, R. I.  
 Ford & Phillips Co., contractors, 723 S. 5th av, Chicago, Ill.  
 Ford, R. T., Co., plumbers' supplies, South, Rochester, N. Y.  
 Ford, S. N., & Co., sashes, doors & blinds, Mansfield, Ohio.  
 Ford, Stephen W., architect, Clarksburg, W. Va.  
 Ford, Thos. P., Co., machsts., 407 Broome, New York.  
 Ford, W. B., canned goods, Van Bibber, Md.  
 Ford, W. F., Surgical Instrument Co., 118 E. 59th, New York.  
 Ford, William B., machsts. & fndrs., Royal Center, Ind.  
 Forderer Cornice Works, 269 Patroer av, San Francisco, Cal.  
 Fordham Cornice Wks., 1004 Tremont av, New York.  
 Fordham Stone Renovating Co., 417 E. 34th, New York.  
 Fordland Canning & Packing Co., Fordland, Mo.  
 Fordney Fassett Co., lbr. mfrs., Franklinton, La.  
 Fordney, J. F., architect., Schmitz Bldg., Fort Wayne, Ind.  
 Fordney, J. W., lbr. mfrs., Saginaw, Mich.  
 Fords Porcelain Works, Perth Amboy, N. J.  
 Fordyce Lumber Co., Fordyce, Ark.  
 Fore Elec'l Mfg. Co., stor. battery charging sets, St. Louis, Mo.  
 Fore River Ship Building Corp., Quincy, Mass.  
 Foreign Crucibles, Ltd., importers of crucibles, Church & Fulton, New York. *See adv index at end of book.*  
 Foreign & Domestic Metal Co., alum. ingots, Cleveland, Ohio.  
 Foreign Languages Translation Bureau, 1st Natl. Bank Bldg., Chicago, Ill.  
 Foreman-Derrickson Veneer Co., Elizabeth City, N. C.  
 Foreman Pottery Co., Stockton, Ga.  
 Forest Box & Lbr. Co., 4th & E. R., New York.  
 Forest Chemical Co., alcohol, acetate of lime, Sheffield, Pa.  
 Forest City Bedstead Co., 1187 W. 67th, Cleveland, Ohio.  
 Forest City Bit & Tool Co., Rockford, Ill.  
 Forest City Box Co., packing box, 723 Stone's Levee, Cleveland, Ohio.  
 Forest City Canning Co., Forest City, Mo.  
 Forest City Fdry. & Mfg. Co., mail boxes, etc., 2202 Elm av, Cleveland, Ohio.  
 Forest City Furniture Co., Rockford, Ill.  
 Forest City Mach. Co., Rockford, Ill.  
 Forest City Machine & Forge Co., 5101 Lakeside av, N. E., Cleveland, Ohio.  
 Forest City Paint & Varnish Co., 3334 Lakeside av, Cleveland, Ohio.  
 Forest City Provision Co., meat packers, 2773 E. 37th, Cleveland, Ohio.  
 Forest City Steel & Iron Co., 110th nr Detroit av, Cleveland, O.  
 Forest City Woolen Mills Co., lumbermen's socks, Cleveland, O.  
 Forest Constr. Co., Forest, Ohio.  
 Forest Grove Fruit Growers' Ass'n, canned goods, Forest Grove, Ore.  
 Forest Lbr. Co., R. A. Long Bldg., Kansas City, Mo.  
 Forest Lbr. Co., Fulton Bldg., Pittsburgh, Pa.  
 Forest Products Co., charcoal, pine oil, rosin, turpentine mfrs., 1212 Whitney, New Orleans, La.  
 Forest Products Co., lbr., Red Wing, Minn.  
 Forg, Peter, Mfg. Co., sheet metal stamping, hdwe. spec., shade holders & elec. fixtures, 50 Park, Somerville, Mass.  
 Forged Steel Wheel Co., Pittsburgh, Pa.  
 Forgeson, J., & Son, architects, Findlay, Ohio.  
 Forhan, H. L., canned goods, Portland, Me.  
 Fork Township Oil Mill, meal, Townsville, S. C.  
 Forked Deer Mfg. Co., flour mills, Trenton, Tenn.  
 Forked Deer Milling Co., flour, Dyersburg, Tenn.  
 Forman-Breen Mfg. Co., harness, saddles & strap wk. mfrs., Louisville, Ky.  
 Forman, Ford & Co., glass, 111 S. 2d, Minneapolis, Minn.  
 Forman, Geo. A., stucco wk., 654 Gates av, Brooklyn, N. Y.  
 Forman H. M., lbr., Tionesta, Pa.  
 Forman & Light, architects, 40 Cedar, New York.  
 Forman, Thos., Co., maple flooring, Fort W. & P. M. R. R., Detroit, Mich.  
 Formen Trading Co., chemicals, 6 Church, New York.  
 Formhals & Son, carriages, Ottawa, Ill.  
 Forney, Chas. W., lbr., Cambridge, Ohio.  
 Forney Cotton Oil & Ginning Co., meal, Forney, Tex.  
 Forney, J. H., boxes, Burlington, Ia.  
 Fornwald Bros., sash, door & blind, Berlin, Pa.  
 Forquignon, Emile, manicure files & nippers, tweezers, 377 4th av, New York.  
 Forrest, A. Lowther, architect, Law Bldg., Baltimore, Md.  
 Forrest, C. S., architect, Concord, N. H.  
 Forrest City Box Co., Forrest City, Ark.



- Forrest, E. W., cornices and skylights, Fairhaven, Mass.  
 Forrestal, Chas., contractor, 2908 Chestnut, Milwaukee, Wis.  
 Forrester Bros. Stone Co., 35th & Roanoke blvd, Kansas City, Mo.  
 Forrester-Nace Box Co., pkg box mfrs., Kansas City, Mo.  
 Forrester Plaster Co. ft. E. 49th, Cleveland, Ohio.  
 Forsberg, Gustave W., machst., 8th & Water, S. W., Washington, D. C.  
 Forschler Motor Truck Mfg. Co., New Orleans, La.  
 Forschner, R. H., Co., scales, 230 3d, New York.  
 Forsell, Ernest, architect, First Natl. Bk. Bldg., Duluth, Minn.  
 Forsman, John A., cornices, 341 W. 58th, Chicago, Ill.  
 Forster, J., 'cornices, 583 1st av, New York.  
 Forster, John G., patterns, Indianapolis, Ind.  
 Forster Lbr. Co., Majestic Bldg., Milwaukee, Wis.  
 Forster Mfg. Co., tooth pick mfrs., Dixfield, Me.  
 Forster Paint Mfg. Co., Winona, Minn.  
 Forsyth, Chas. N., contractor, 3417 N. 16th, Philadelphia, Pa.  
 Forsyth, Edward A., architect, 220 Woodworth av, Yonkers, New York.  
 Forsyth Electric Co., commutators, Seattle, Wash.  
 Forsyth Hardware Co., Winston-Salem, N. C.  
 Forsyth Iron Bed Co., Winston-Salem, N. C.  
 Forsyth, J. E., draft gear, Peoples' Gas Bldg., Chicago, Ill.  
 Forsyth Metal Goods Co., hdwe. specialties, East Aurora, N. Y.  
 Forsyth Roller Mills, Winston-Salem, N. C.  
 Forsyth, W., & Sons Co., auto engines & ironing boards, Lynn, Mass.  
 Forsythe, Jas., masons' & bldrs.' matls., Clyde, Ohio.  
 Forsythe, John R., architect, 232 St. Paul, Baltimore, Md.  
 Fort Atkinson Canning Co., Fort Atkinson, Wis.  
 Fort Bragg Growers' Ass'n., canned goods, Fort Bragg, Cal.  
 Fort, O. M., architect, Camden, S. C.  
 Fort Dearborn Mfg. Co., sleeve wire connectors, 38 S. Dearborn, Chicago, Ill.  
 Fort Dodge Brick & Tile Co., Fort Dodge, Ia.  
 Fort Dodge Culv. Co., Fort Dodge, Ia.  
 Fort Dodge Portland Cement Corp., Fort Dodge, Ia.  
 Fort Gaines Fertilizer Co., Fort Gaines, Ga.  
 Fort Henry Mining Co., iron ores, Cleveland, Ohio.  
 Fort Hill Chemical Co., potash, Rumford Falls, Me.  
 Fort Jennings Stone Co., Fort Jennings, Ohio.  
 Fort Johnson Lumber Co., Shreveport, La.  
 Fort Madison Plow Co., Fort Madison, Ia.  
 Fort Miller Pulp & Paper Co., Fort Miller, N. Y.  
 Fort Motte Oil Cotton Co., cottonseed meal, Fort Motte, S. C.  
 Fort Orange Const. Co., 112 State, Albany, N. Y.  
 Fort Orange Paper Co., 200 5th av, New York.  
 Fort & Parslow, architects, Tampa, Fla.  
 Fort Pitt Bedding Co., mattresses, Liverpool & Preble, Pittsburgh, Pa.  
 Fort Pitt Bridge Wks., machsts. & fndrs., steel structural, House Bldg., Pittsburgh, Pa.  
 Fort Pitt Chemical Co., liquid soap, 14th & Etna, Pittsburgh, Pa.  
 Fort Pitt Malleable Iron Co., castings, machsts. & fndrs., Thompson & Crawford, Pittsburgh, Pa.  
 Fort Pitt Oil & Paint Co., 3209 Liberty, Pittsburgh, Pa.  
 Fort Pitt Spring & Mfg. Co., Pittsburgh, Pa.  
 Fort Pitt Steel Casting Co., McKeesport, Pa.  
 Fort Pitt Stone & Brick Co., Carnegie, Pa.  
 Fort Pitt Supply Co., plumbers' supplies—jobbers, 332 2d av, Pittsburgh, Pa.  
 Fort Recover Stirrup Co., stirrups—wooden, Ft. Recovery, Ohio.  
 Fort Recovery Tile Co., Fort Recovery, Ohio.  
 Fort Scott Hydraulic Cement Co., Ft. Scott, Kans.  
 Fort Scott Sorghum Syrup Co., canned, Fort Scott, Kans.  
 Fort Smith Chair Co., Fort Smith, Ark.  
 Fort Smith Handle Co., Fort Smith, Ark.  
 Fort Smith Lumber Co., Plainview, Ark.  
 Fort Smith Refrigerator Wks., Ft. Smith, Ark.  
 Fort Smith Rim & Bow Co., Fort Smith, Ark.  
 Fort Smith Wagon Co., Fort Smith, Ark.  
 Fort Stanwix Canning Co., Rome, N. Y.  
 Fort Valley Oil Co., Fort Valley, Ga.  
 Fort Wayne Brick Co., Fort Wayne, Ind.  
 Fort Wayne Builders' Supply Co., Fort Wayne, Ind.  
 Fort Wayne Corrugated Paper Co., Ft. Wayne, Ind.  
 Fort Wayne Electric Works of Gen. Elec. Co., Ft. Wayne, Ind.  
 Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind.  
 Fort Wayne Fdry. & Mach. Co., Ft. Wayne, Ind.  
 Fort Wayne Iron Store Co., Fort Wayne, Ind.  
 Fort Wayne Lumber Co., Fort Wayne, Ind.  
 Fort Wayne Oil & Supply Co., Fort Wayne, Ind.  
 Fort Wayne Rolling Mill Corp., Fort Wayne, Ind.  
 Fort Wayne Roofing & Paving Co., Fort Wayne, Ind.  
 Fort Wayne Saddlery Co., Ft. Wayne, Ind.  
 Fort Wayne Smelting & Refining Co., Fort Wayne, Ind.  
 Fort Worth Drill Machy. & Supply Co., Fort Worth, Tex.  
 Fort Worth Mattress & Comfort Mfg. Co., Fort Worth, Tex.  
 Fort Worth Packing Co., meat, Fort Worth, Tex.  
 Fort Worth Feather & Mattress Factory, Fort Worth, Tex.  
 Fortado, J. L., Co., stone prod., Springfield, Ill.  
 Fortenbacher, J., & Son, cornices & skylights, 538 E. Ohio, Pittsburgh, Pa.  
 Fortenbaugh, Chas., packing box mfrs., 636 W. Pratt, Baltimore, Md.  
 Forth, W. J., stone producers, Manistee, Mich.  
 Fortier, Theo., lawn furn., 1971 B'way, B'klyn, N. Y.  
 Fortin-Chambers Co., contrs., Ry. Exch. Bldg., Portland, Ore.  
 Fortin, Jos. T., architect, 600 Blue Island av, Chicago, Ill.  
 Fortner, L. B., Co., aniline colors, 36 Strawberry, Phila., Pa.  
 Fortner, S. A., canned goods, Smyrna, Del.  
 Fortson Shingle Co., lumber, Fortson, Wash.  
 Fortuna Lthr. Co., advtg. nov. & spec., 5909 Park av, Phila., Pa.  
 Fortuna Mach. Co., 127 Duane, New York.  
 Fortville Canning Co., Fortville, Ind.  
 Forve-Pettebone Co., elec. & gas light fixtures, Los Angeles, Cal.  
 Fosburgh Lumber Co., Norfolk, Va.  
 Fosdick Machine Tool Co., Blue Rock av, Cincinnati, Ohio.  
 Foshee, J. M., lumber, Cohasset, Ala.  
 Foss, Al., fishing bait, 1722 Cumberland rd, Cleveland, Ohio.  
 Foss, E. B., & Co., lbr. mfrs., Bay City, Mich.  
 Foss, E. P., Co., whol. hdwe., 56 Pearl, Boston, Mass.  
 Foss Engine Wks., machsts., Kalamazoo, Mich.  
 Foss, F. W., Co., masons' & bldrs.' matls., Berkeley, Cal.  
 Foss & Jones, contractors, Fitchburg, Mass.  
 Foss & Pevear, architects, 71 Brimmer, Boston, Mass.  
 Foss, W. J., Co., mill & facty. supplies, Springfield, Mass.  
 Fosseen, A. B., & Co., masons' & bldrs.' matls., North Yakima, Wash.  
 Fossett, Geo. W., & Son, cornices, 10 N Vogdes, Philadelphia, Pa.  
 Fossil, John, & Co., sponges, Tarpon Springs, Fla.  
 Fosston-Carpenter Co., agricultural implements, 473 Cleveland av, N. St. Paul, Minn.  
 Fosston Mfg. Co., agri. implts., 473 Cleveland, St. Paul, Minn.  
 Fossum, Geo. F., architect, Aberdeen, S. D.  
 Forsyth Street Planing Mills, Jacksonville, Fla.  
 Foster, A. V., machst, Millbridge, Me.  
 Foster, Arthur, architects, 230 S. La Salle, Chicago, Ill.  
 Foster, B. D., Mrs., stone producer, Carter, Ky.  
 Foster Bolt & Nut Mfg. Co., Union av & E. 72d, Cleveland, O.  
 Foster Bros., architects, Danbury, Conn.  
 Foster Box Board Co., Utica, N. Y.  
 Foster Bros. & Chatillon Co., cutlery mfrs., Fulton, N. Y.  
 Foster Bros. Mfg. Co., bedstead mfrs., mattresses, 320 N. Holliday, Baltimore, Md.; St. Louis, Mo., & Utica, N. Y.  
 Foster-Brown Co., machsts. & fndrs., Westbrook, Me.  
 Foster, C. A., architect, 2810 Newkirk av, Brooklyn, N. Y.  
 Foster, C. H., Accessories Co., auto. lamps, Chicago, Ill.  
 Foster, C. M., architect, Mer. Library Bldg., Cincinnati, Ohio.  
 Foster Const. Co., Caswell blk., Milwaukee, Wis.  
 Foster & Creighton Co., contractors, stone producers, Nashville, Tenn.  
 Foster, David S., Sons Co., wholesale hdwe., Utica, N. Y.  
 Foster Engng. Co., belt shifters, regulators, etc., 109 Monroe, Newark, N. J.  
 Foster, F. W., Mfg. Co., feed water regulators, Boston, Mass.  
 Foster, Fountain & Co., canned goods, Biloxi, Miss.  
 Foster & Gade, architects, 15 W. 38th, New York.  
 Foster Gear Co., machsts., 246 Kaiser, Columbus, Ohio.  
 Foster, Geo. L., & Son, architects, Mansfield, Mass.  
 Foster, H. M., Co., railway equipment, Baltimore & Calvert, Baltimore, Md.  
 Foster Hardware Co., Little Rock, Ark.  
 Foster, Harry H., soap spouts, Cabot, Vt.  
 Foster Heating Co., 15 Palmer, Boston, Mass.  
 Foster & Hosler, granite, 431 S. Dearborn, Chicago, Ill.  
 Foster, Jacob R., pegs—shoe, Plymouth, N. H.  
 Foster, Jas. P., & Co., sash, door & blind mfrs., 115 S. Frederick, Baltimore, Md.  
 Foster, John W., architect, 22 Worthington, Springfield, Mass.  
 Foster, L. B., Co., second hand pipe, Park Bldg., Pittsburgh, Pa.  
 Foster-Latimer Lumber Co., Mellen, Wis.  
 Foster & Long, contractors, Jacksonville, Fla.  
 Foster, Lothman Mills, sash, door & blind mfrs., Oshkosh, Wis.  
 Foster, Louis H., Turkish towels, D & Tioga, Philadelphia, Pa.  
 Foster Lumber Co., Long Bldg., Kansas City, Mo.  
 Foster Lumber Co., Tacoma, Wash.  
 Foster Mach. Co., turret lathes, Elkhart, Ind.  
 Foster Mach. Co., textile machy., supplies, etc., Westfield, Mass.  
 Foster-Mead Hardware Co., Huntington, W. Va.  
 Foster, Merriam & Co., machsts. & fndrs., Meriden, Conn.  
 Foster, Morgan, Lumber Co., Henry Bldg., Seattle, Wash.  
 Foster-Munger Co., sash, door & blind mfrs., etc., 1404 W. 37th, Chicago, Ill.  
 Foster, N. C., Lumber Co., Fairchild, Wis.  
 Foster Pump Wks., 36 Bridge, Brooklyn, N. Y.  
 Foster, R. S., Lbr. Co., Indianapolis, Ind.  
 Foster-Richardson Co., bedstead mfrs., Westboro, Mass.  
 Foster, Robt. W., machsts. & fndrs., New Bedford, Mass.  
 Foster Rubber Co., 105 Federal, Boston, Mass.  
 Foster, S. A., Lumber Co., Lincoln, Neb.  
 Foster, S. Willis, architect, 1107 Maxwell av, Spokane, Wash.  
 Foster Sheet Metal Co., ceilings, cornices, ornaments, etc., Springfield, Ill.  
 Foster Steel Stanchion Co., Rochester, N. Y.  
 Foster, Stevens & Co., wholesale hardware, 157 Monroe av, N. W., Grand Rapids, Mich.  
 Foster Stove Co., Ironton, Ohio.  
 Foster, Theo. W., & Bro. Co., shears, scissors, silver novelties, 100 Richmond, Providence, R. I.  
 Foster, Tobias, machinist, Spencerville, Ohio.  
 Foster-Vogt Co., concrete steel construction, Sharon Bldg., San Francisco, Cal.



- Foster, Wm., architect, Butler, Pa.  
 Foster, Wm. G., architect, Streator, Ill.  
 Foster & Williams Mfg. Co., agricultural implements, machsts. & fndrs., Racine, Wis.  
 Fostoria Glass Co., 311 Main, Buffalo, N. Y.  
 Fostoria Glass Co., lamp chimney, Moundsville, W. Va.  
 Fostoria Glass Novelty Co., glass tubing, Fostoria, Ohio.  
 Fostoria Incandescent Lamp Div. of G. E. Co., Fostoria, Ohio.  
 Fostoria Screw Co., Fostoria, Ohio.  
 Fothergill, Thos. W., cornices & skylights, Houston, Tex.  
 Fotheringham, John, contractor, 3367 Fkd. av, Philadelphia, Pa.  
 Foucart, J. E., machsts., Williamsport, Pa.  
 Fougere, E., & Co., filter paper, 90 Beekman, New York.  
 Fougner, Ernest H., architect, 800 Broad, Newark, N. J.  
 Foulds, I., & Son, belting, Hudson, Mass.  
 Foulds, Wm., & Co., paper & pulp mill, Manchester, Conn.  
 Foulk, Frank H., architect, New Castle, Pa.  
 Foulk, Walter L., contractor, Vineland, N. J.  
 Foulkes Contracting Co., Terre Haute, Ind.  
 Foulkes, Edw. T., architect, Crocker Bldg., San Francisco, Cal.  
 Foulkes & Hogue, architects, Commercial Club Bldg., Portland, Ore.  
 Foundation Co., The, dock bldrs., contractors, 233 Broadway, New York.  
 Foundries Co., Orrville, Ohio.  
 Foundry Equipment Co., Buffalo, N. Y.  
 Foundry Equipment Co., trade publication, 1831 Columbus rd, Cleveland, Ohio.  
 Foundry Manganese Co., ferro alloys, etc., Harrison Bldg., Philadelphia, Pa.  
 Foundry Specialty Co., fdry. flux, Cincinnati, Ohio.  
 Fountain & Choate, contractors, 113 E. 23d, New York.  
 Fountain Inn Mfg. Co., damasks—cotton, Fountain Inn, S. C.  
 Fountain Inn Oil Mill Co., fertz. mfrs., Fountain Inn, S. C.  
 Fountain, J., Lbr. Co., Appleton, Wis.  
 Fountain, Jno., Jr., cable joints, 120 Liberty, New York.  
 Fountain Spec. Co., Grand Haven, Mich.  
 Four-In-One Ladder Mfg. Co., Mishawaka, Ind.  
 Four Wheel Drive Auto Co., Clintonville, Wis.  
 Fourche River Lbr. Co., 5 N. La Salle, Chicago, Ill.  
 Fourchy, Robert, architect, Woodward Bldg., Washington, D. C.  
 Fourman Bros., lumber mfg., Arcanum, Ohio.  
 Foust's, Wm., Sons, gin distillers, Glen Rock, Pa.  
 Fouts, C. C. Co., silos & tanks, 650 Woodlawn av, Middletown, O.  
 Fouts & Hunter Carriage Mfg. Co., Terre Haute, Ind.  
 Foutz, C. J., & J. C., canned goods, Roanoke, Va.  
 Fow Mfg. Co., furnace pipe, 233 N. 2d, Philadelphia, Pa.  
 Fowble, Chas. A., contractor, Germ. Life Bldg., St. Paul, Minn.  
 Fowden Gasoline & Electric Rock Drill Co., 4th & Walnut, Philadelphia, Pa.  
 Fowden, Wm. T., blow-off valves, Chester, Pa.  
 Fowell, Wm., & Son, contractors, Nashua, N. H.  
 Fowle, John L., belt knives, Reading, Mass.  
 Fowler Bottling Mach. Co., 124 White, New York.  
 Fowler Bros. Co., fertilizer, Covington, Ga.  
 Fowler Canning & Mfg. Co., Fowler, Colo.  
 Fowler, Clarence, architect, 15 E. 40th, New York.  
 Fowler & Co., curtain rods, Worcester, Mass.  
 Fowler, D., Jr., & Co., brick, Haverstraw, N. Y.  
 Fowler, E. S., ophthalmoscopes, 31 State, Chicago, Ill.  
 Fowler, Everett, brick, Haverstraw, N. Y.  
 Fowler, F. S., mill & facty. supplies, Amesbury, Mass.  
 Fowler, Fred. H., architect, 327 Carson av, Rochester, N. Y.  
 Fowler, G. W., & Co., commutator compounds, North Tonawanda, N. Y.  
 Fowler, Geo. W., Co., machsts. & fndrs., West Palm Beach, Fla.  
 Fowler, J. Chandler, architect, 34 School, Boston, Mass.  
 Fowler, J. L., Co., billiard tables, 1812 W. Lake, Chicago, Ill.  
 Fowler, J. M., lbr., Benson, Vt.  
 Fowler, J. P., Mfg. Co., machsts. & fndrs., Salt Lake City, Utah.  
 Fowler, J. Sumner, architect, 19 Milk, Boston, Mass.  
 Fowler, John P., & Co., mattresses, 1434 Wabash av, Chicago, Ill.  
 Fowler, L. A., & Sons, contrs., 1409 Walnut, Kansas City, Mo.  
 Fowler Lamp & Mfg. Co., 59 E. 24th, Chicago, Ill.  
 Fowler, Lawrence H., architect, 347 N. Charles, Baltimore, Md.  
 Fowler, M. W., architect, 610 S. B'way, Los Angeles, Cal.  
 Fowler & McVitie, masons' & bldrs.' matls., Galveston, Tex.  
 Fowler-Manson-Sherman Cycle Mfg. Co., 1447 Austin av, Chicago, Ill.  
 Fowler Nail Co., Seymour, Conn.  
 Fowler Net & Twine Co., fish nets, 107 S. 2d, Philadelphia, Pa.  
 Fowler-Norwood-Greene Co., packing boxes, Keene, N. H.  
 Fowler, C. L., contractor, New London, Conn.  
 Fowler Packing Co., meat packers, Kansas City, Kans.  
 Fowler & Pay, masons' & bldrs.' matls., Mankato, Minn.  
 Fowler & Sellars Co., cornices, White Plains, N. Y.  
 Fowler, W. J., lumber, Bowdon, Ga.  
 Fowler & Wolfe Mfg. Co., hot water radiators, machsts. & fndrs., Bourse, Philadelphia, Pa.  
 Fowles, J. H., & Son, contractors, Holyoke, Mass.  
 Fownes Bros. & Co., gloves, 119 W. 40th, New York.  
 Fox, A. H., Gun Co., 4700 N. 18th, Philadelphia, Pa.  
 Fox, Arthur W., stereopticons, 83 Schermerhorn, Brooklyn, N. Y.  
 Fox, Benj., Inc., contractor, 15 Exchange, Boston, Mass.  
 Fox, Benj., Sons, machsts. & fndrs., 513 W. 34th, New York.  
 Fox-Borden Mfg. Co., desk tele. brackets, 103 Station A, Hartford, Conn.  
 Fox Bros. & Co., mill & facty. supplies, 126 Lafayette, New York.  
 Fox Bros. Hardware Co., Pine Bluff, Ark.  
 Fox, C. M., Silica Sound, Ridgway, Pa.  
 Fox, Chas. H., arch'l. iron, 360 W. 11th, New York.  
 Fox, Chas. J., heating contr., 1208 Grand av., Milwaukee, Wis.  
 Fox, Chas. J., soap, 313 S. Philip, Philadelphia, Pa.  
 Fox, Chas. K., Heel Co., wooden shoe heels Haverhill, Mass.  
 Fox Chemical Co., fertilizer mfgs., Louisville, Ky.  
 Fox, E. S., & Co., brick, stove linings, Reading, Pa.  
 Fox Furnace Co., Elyria, Ohio.  
 Fox & Gale, architects, 3 Park, Boston, Mass.  
 Fox, Geo. E., Co., plate glass desk pads, stationers' specialties, 54 W. Kinzie, Chicago, Ill.  
 Fox, Geo. H., & Co., contractors, 202 S. Clark, Chicago, Ill.  
 Fox, Geo. S., ladders, 137 N. 6th., Philadelphia, Pa.  
 Fox, H. K. C., htg. contrs., Frederick, Md.  
 Fox, H. W., & Co., contractors 2411 Greenmount av, Baltimore, Md.  
 Fox, Henry E., Const. Co., 81 E. 125th, New York.  
 Fox, J. W., Excelsior Co., Grand Rapids, Mich.  
 Fox, Jas., & Sons, contractors, Richmond, Va.  
 Fox, John A., architect, 126 Tremont, Boston, Mass.  
 Fox, Jno., & Co., cast iron pipe mfrs., 253 B'way, New York.  
 Fox, Jno. M., & Co., battery coppers, washers, Portland, Me.  
 Fox, Jno. C., & Co., masons' & bldrs.' matls., Putnam, Conn.  
 Fox, L. C., masons' & bldrs.' matls., Irwin, Pa.  
 Fox, L. E., brick, Medina, Ohio.  
 Fox Lake Canning Co., Fox Lake, Wis.  
 Fox Lime & Stone Co., Racine, Wis.  
 Fox, M. Ewing Co., 241 E. 136th, New York.  
*See adv under Paint Mfrs., branch offices, end of book.*  
 Fox Machine Co., 22 Front av, N. E., Grand Rapids, Mich.  
 Fox Mach. Co., Jackson, Mich.  
 Fox, Max, scrap iron, New Bedford, Mass.  
 Fox Paper Co., Lockland, Ohio.  
 Fox River Boiler & Sheet Iron Wks., machsts. & fndrs., Aurora, Ill.  
 Fox River Cornice Works, Green Bay, Wis.  
 Fox River Iron Co., machsts. & fndrs., Aurora, Ill.  
 Fox River Paper Co., Appleton, Wis.  
 Fox River Screen Plate Co., Appleton, Wis.  
 Fox River Valley Knitting Co., lumbermen's socks, Appleton, Wis.  
 Fox Supply Co., floor scraping machines, Brooklyn, Wis.  
 Fox, T. R., & Son, contractors, Hartford, Conn.  
 Fox, Thos., granite, Concord, N. H.  
 Fox Typewriter Co., Grand Rapids, Mich.  
 Fox, W. H., & Son, paper & pulp mills, Penn Yan, N. Y.  
 Fox, Wm., brick, Peoria, Ill.  
 Fox, Wm., freight elev., 71 Larned, W. Detroit, Mich.  
 Fox, Wm. B., & Bro., wholesale hdwe., 21 Warren, New York.  
 Fox, Z. F., & Son, clamps, gauges, trucks, etc., Freeport, Mich.  
 Foxboro Co., indicating & recording instruments for temperature, pressure, speed, time & combustion, mfrs., Foxboro, Mass.  
*See adv index at end of book.*  
 Fox's, Geo., Sons, boilers, 511 W. 34th, New York.  
 Foy, Edw. A., Co., lightning rods, etc., 815 B'way, Cincinnati, Ohio.  
 Foy, Edw. L., & Co., plastic slate roofers, 16 W. Camden, Baltimore, Md.  
 Foy Ice & Fertilizer Co., Eufaula, Ala.  
 Foy Paint Co., plate glass, 230 E. 5th, Cincinnati, Ohio.  
 Foy-Proctor Co., contractors, Nashville, Tenn.  
 Foyer, Chas. A., & Co., typewriter ribbons, 1120 Prospect av, Cleveland, Ohio.  
 Fraad Talking Mach. Co., 224 W. 26th & 225 Lex. av, New York.  
 Fradley, J. F., & Co., silver nov., 312 E. 32d, New York.  
 Frahm, L. Co., bldg. contrs., 29th av & Mitchell, Milwaukee, Wis.  
 Frahn, Harry J., architect, Ind. Life Bldg., Nashville, Tenn.  
 Frailey, J., & Bro., contractors, 24 10th, Buffalo, N. Y.  
 Fraim, E. T., Lock Co., latch & padlock mfrs., Lancaster, Pa.  
*See adv index at end of book.*  
 Fraley, W. A., & Bros., machsts. & fndrs., Emmitsburg, Md.  
 Fraley's, S. C., Sons, scrap iron & steel, 515 Richmond, Philadelphia, Pa.  
 Fralick, S. R., & Co., conduit hangers, 15 S. Clinton, Chicago, Ill.  
 Fralin, J. L., canned goods, Blue Ridge Springs, Va.  
 Framburg, H. A., & Co., elec. & gas light fixtures, 24 S. Clinton, Chicago, Ill.  
 Framingham Coal Co., masons' & bldrs.' matls., South Framingham, Mass.  
 Framingham Lumber Co., South Framingham, Mass.  
 France Co., stone producers, Toledo & Van Wert, Ohio.  
 France, David Co., masons' & bldrs.' matls., Tasker St. Wharf, Philadelphia, Pa.  
 France Dredging & Constr. Co., Bloomville & Mansfield, Ohio.  
 France Mfg. Co., rectifiers, 1434 W. 75th, Cleveland, Ohio.  
 France Milling Co., buckwheat flour, Cobleskill, N. Y.  
 France Packing Co., metallic packing mfrs., Tacony, Phila., Pa.  
 France, Roy F., architect, 155 N. Clark, Chicago, Ill.  
 France Stone Co., Holland, Ohio.  
 France Stone Co., 2nd Nat. Bank Bldg., Toledo, Ohio.  
 Francis Chemical Co., 131 Washington, Providence, R. I.  
 Frances, L. M., mach. & fdr., Reading, Pa.  
 Francesconi, J. C., & Co., chemicals, paraffine wax, 23 Beaver, New York.  
 Francesville Clay Product Co., brick, Francesville, Ind.



- Franche, C. E., & Co., lacquering for the trade, 400 Orleans, Chicago, Ill.  
 Francini, C., marble imptrs., Lexington av & 35th, New York.  
 Francis Bros & Jellett (Inc.), hlg. contrs. & machy. dtrs., 31 Madison av, New York, & Real Estate Trust Bldg., Philadelphia, Pa.  
 Francis, Chas. E., Co., mchsts. & fdrs., Rushville, Ind.  
 Francis & Co., diamond tools & diamonds for industrial purposes, Hartford, Conn.  
 Francis, Henry M., & Sons, architects, Fitchburg, Mass.  
 Francis Louttrell Co., R. R. stationery, 21 Cliff, New York.  
 Francis Machy. Co., St. Louis, Mo.  
 Francis Mfg. Co., dress hooks, Niagara Falls, N. Y.  
 Francis & Nygren Fndry. Co., 2542 Fillmore, Chicago, Ill.  
 Francis, Philip S., trolley pole brackets, 115 N. 6th, Phila., Pa.  
 Francis Vitric Brick Co., Boynton, Okla.  
 Francis, W. P., contractor, Atlanta, Ga.  
 Francis, W. R., & Bros., lumber mfrs., 1422 W. Cary, Richmond, Va.  
 Francisco, Geo. M., contractor, 3639 Stettinius av, Cincinnati, O.  
 Franciscus Co., masons' & bldrs.' matls., Lewiston, Pa.  
 Franciscus Hardware Co., Tyrone, Pa.  
 Francke Co., flexible couplings, New Brunswick, N. J.  
 Franco-Am. Chemical Co., 8 Gold, New York.  
 Franco Am. Chem. Wks., Carlstadt, N. J.  
 Franco-American Food Co., canned, Franklin, Jersey City, N. J.  
 Frand, M. J. & Co., mchsts., Camden, N. J.  
 Frandsen Construction Co., 64 W. Randolph, Chicago, Ill.  
 Frandsen, H. J., contractor, 510 Rice, St. Paul, Minn.  
 Frank, Aug. C., die sinkers, 732 Sansom, Philadelphia, Pa.  
 Frank, Benjamin, architect, 328 N. Charles, Baltimore, Md.  
 Frank Calladay Hardware Co., Hutchinson, Kans.  
 Frank Chicory Co., Bay City, Mich.  
 Frank & Gutmann, jewelry cases, 25 W. 8th, New York.  
 Frank, H. J., Fdry & Mach. Co., Davenport, Ia.  
 Frank & Hedden Co., machsts, 183 1st, Jersey City, N. J.  
 Frank, Henry, Jr., mill & facty. supplies, 374 Hudson, New York.  
 Frank, Howard C., architect, House Bldg., Pittsburgh, Pa.  
 Frank, J. H., architect, Real Est. Tr. Bldg., Philadelphia, Pa.  
 Frank, Joseph & Son, architects, Scott Bldg., Erie, Pa.  
 Frank, L., Saddlery Co., San Antonio, Tex.  
 Frank, L. & Sons, fertilizer mfrs., Zanesville, O.  
 Frank, L. & Son Co., meat packers, 644 Market, Milwaukee, Wis.  
 Frank, M. K., scrap iron & steel, R. R. equip't, Frick Bldg., Pittsburgh, Pa.  
 Frank Machy. Co., Buffalo, N. Y.  
 Frank Mfg. Co., concrete mixers, Des Moines, Ia.  
 Frank, Nathan, & Sons, scrap iron, 1404 Mullikin, Baltimore, Md.  
 Frank Oil Co., lubrg., Titusville, Pa.  
 Frank, P. M., Disinfecting Co., 91 Bleecker, New York.  
 Frank, Peter H., contractor, 257 Elmwood av, Buffalo, N. Y.  
 Frank Pure Food Co., canned goods, Milwaukee, Wis.  
 Frank, R. E., Steam Boiler Co., 6714 S. Chicago av, Chicago, Ill.  
 Frank, S. M., & Co., smoking pipes, 928 B'way, New York.  
 Frank-Wagner & Mitchell, architects, Permanent Title Bldg., Akron, Ohio.  
 Frank, Walter G., architect, Clarendon Bldg., Utica, N. Y.  
 Fraukau, Adolph, & Co., smoking pipes, 30 Burling sl, New York.  
 Francke, C. D., & Co., mill & facty. supplies, wholesale hdwre., Charleston, S. C.  
 Franke, F., & Co., machsts., Louisville, Ky.  
 Franke, George, Sons Co., Christmas novelties mfrs., Balto., Md.  
 Franke, H., lumber mfrs., Ft. Wayne, Ind.  
 Franke, H. E., elec. & gas light fixtures, 421 B'way, Milwaukee, Wis.  
 Franke, H., Steel Range Co., Cleveland, O.  
 Frankel, Albert B., architect, East St. Louis, Ill.  
 Frankel Bros. & Co., scrap rubber, Rochester, N. Y.  
 Frankel Connector Co., 177 Hudson, New York.  
 Frankel Display Fixture Co., 177 Hudson, New York.  
 Frankel, Max Co., bottlers' machy., 290 Pearl, New York.  
 Frankenmuth Woolen Mill Co., knitted gloves, Frankenmuth, Mich.  
 Frankford Brick Wks., Torsdle av, Philadelphia, Pa.  
 Frankford Fdry. & Mach. Wks., power presses, Widener Bldg., Philadelphia, Pa.  
 Frankford Gas Fixture Co., 4273 Frankford, Phila., Pa.  
 Frankford Waste Co., waste cotton & wool, Van Dyke & orchard, Philadelphia, Pa.  
 Frankfort Broom Co., Frankfort, Ky.  
 Frankfort Construction Co., Frankfort, Ind.  
 Frankfort Distillery, Frankfort, Ky.  
 Frankfort General Insurance Co., 123 William, New York.  
 Frankfort & Kirschner, architects, 820 Westchester av, New York.  
 Frankfurth, Wm., Hdwe. Co., 119 W. Water, Milwaukee, Wis.  
 Frankham, Wm., Brass & Bronze Co., Canton, Ohio.  
 Franklin, A. J., masons' & bldrs.' matls., Statesboro, Ga.  
 Franklin Automobile Co., Magnolia, Syracuse, N. Y.  
 Franklin, B. A., Stone, Laporte, Ind.  
 Franklin Board & Paper Co., Franklin, O.  
 Franklin Brass Co., fndrs., Battle Creek, Mich.  
 Franklin Brass Foundry, brass foundry, Long Island City, N. Y.  
 Franklin Brass Fdry. Co., Reading, Pa.  
 Franklin Bros., contractors, Akron, O.  
 Franklin Buggy Co., Barnesville, Ga.  
 Franklin Builders' Supply & Coal Co., 400 W. Broad, Columbus, Ohio.  
 Franklin Button Wks., 1023 Vine, Philadelphia, Pa.  
 Franklin, Chas., contractor, Iowa City, Ia.  
 Franklin Coffin Wks., 1326 Syramore, Cincinnati, Ohio.  
 Franklin Coil Hoop Co., Franklin, Ind.  
 Franklin Co., insulating compounds, Bound Brook, N. J.  
 Franklin Co., gas, steam, Canton, Ohio.  
 Franklin & Co., architects, Crozer Bldg., Philadelphia, Pa.  
 Franklin Contracting Co., 52 Vanderbilt av, New York, & 1504 W. Sara, Baltimore, Md.  
 Franklin Core Rod & Gagger Co., Franklin, Pa.  
 Franklin Cotton Mill Co., cordage, twine & belting mfrs., etc., Plum & Charles, Cincinnati, Ohio.  
 Franklin Cotton Oil & Fertilizer Co., Franklin, Va.  
 Franklin County Lumber Co., Carrabelle, Florida.  
 Franklin Crayon Co., Rochester, N. Y.  
 Franklin Electric Mfg. Co., lamps, Hartford, Conn.  
 Franklin Engineering & Constr. Co., bulletin, Philadelphia, Pa.  
 Franklin Fountain Pen Co., 51 N. 10th, Philadelphia, Pa.  
 Franklin Galvanized Ware Mfg. Co., Franklin, Ind.  
 Franklin, Geo., contractor, Sandwich, Ill.  
 Franklin Guano Co., fertz. mfrs., Liberty, S. C.  
 Franklin, H. H., Mfg. Co., castings, Magnolia, Syracuse, N. Y.  
 Franklin Institute, engng. schools, 15 S. 7th, Philadelphia, Pa.  
 Franklin Iron Works, machsts. & fndrs, La Crosse, Wis., & Mt. Vernon, Wash.  
 Franklin Knitting Mills, sweaters, 511 E. 72d, New York.  
 Franklin, L. Murray, Jr., architect, 50 E. 41st, New York.  
 Franklin Lumber Co., Franklin, Pa.  
 Franklin Machine Co., ball winders and shafting machy., 189 Charles, Providence, R. I.  
 Franklin Mach. Co., 126 Folsom, San Francisco, Cal.  
 Franklin Mach. & Steam Boiler Wks., 88 Quay, Brooklyn, N. Y.  
 Franklin Mfg. Co., asbestos matls., cements, packing mfrs., etc., Franklin, Pa.  
 Franklin Mfg. Co., "Crocker Lock" wire straightening and cutlery machinery mfrs., New Haven, Conn.  
 Franklin Mfg. Co., die cast parts, auto. bldrs., Magnolia, Syracuse, N. Y.  
*See adv index at end of book*  
 Franklin Mills, cotton sheetings, Greenville, S. C.  
 Franklin Mills Co., flour, Batavia, N. Y.  
 Franklin Mills Corp., towels, Unionville, Mass.  
 Franklin Needle Co., Franklin, N. H.  
 Franklin Oil & Gas Co., Bedford, Ohio.  
 Franklin Paper Co., Holyoke, Mass.  
 Franklin Park Foundry Co., malleable & gray iron castings, Herrs Island, Pittsburgh, Pa.  
 Franklin Pipe & Fndry. Co., 2438 S. Paulina, Chicago, Ill.  
 Franklin Plbg. & Tinning Co., cornices & skylights, Atlanta, Ga.  
 Franklin Portable Crane & Hoist Co., Box 516, Franklin, Pa.  
 Franklin Process Co., dyeing machy., 291 Promenade, Providence, R. I.  
 Franklin Ry. Supply Co., conduits, lock nuts, plugs, etc., 30 Church, New York.  
 Franklin & Readhead, canned goods, Thaxton, Va.  
 Franklin Rubber Co., clothing, 134 Federal, Boston, Mass.  
 Franklin Silica Sand Co., Franklin, Pa.  
 Franklin Silver Plate Co., Greenfield, Mass.  
 Franklin Soap Co., 514 Hunt, Cincinnati, Ohio.  
 Franklin Specialty Mfg. Co., adjustable light holders, mfrs., 710 Eddy, Providence, R. I.  
 Franklin Steel Wks., concrete reinf. materials, Franklin, Pa.  
 Franklin Steel Wks., toe-calks, Joliet, Ill.  
 Franklin Stone Co., Nicholson, Pa.  
 Franklin Sugar Refining Co., 125 S. Orianna, Philadelphia, Pa.  
 Franklin, Wm. W., & Son, architects, Commercial Tribune Bldg., Cincinnati, Ohio.  
 Franklinville Canning Co., lock corner boxes, Franklinville, N. Y.  
 Franklinville Mfg. Co., bags & bagging, Franklinville, N. C.  
 Frankman Bridge & Construction Co., Metropolitan Life Bldg., Minneapolis, Minn.  
 Franks Canning Co., Franks, Mo.  
 Franks, F. C., contractor, Phelan Bldg., San Francisco, Cal.  
 Franke Mfg. Co., elec. fixtures, Rock Island, Ill.  
 Franks Sani-Cover Supply Co., plating & enameling works, 748 Main, Cambridge, Mass.  
 Frankton Canning Co., Frankton, Ind.  
 Fransen, Nels P., & Co., bldg. contrs., Endicott Bldg., St. Paul, Minn.  
 Franssens, J. M., harness, saddles, etc., Green Bay, Wis.  
 Frantz, Chas., contractor, 365 Kosciusko, Brooklyn, N. Y.  
 Frantz, J. J., contractor, New York Blk., Seattle, Wash.  
 Frantz Mfg. Co., hdwe., door hangers, hinges, hooks, etc., Sterling, Ill.  
 Frantz, Premier Co., electric vacuum cleaners, Ivanhoe rd, Cleveland, Ohio.  
 Frantz, Wm. H., & Son, contractors, Geneva, N. Y.  
 Frantzke, Emil J., architect, Majestic Bldg., Milwaukee, Wis.  
 Franz Bros. Packing Co., meat packers, Springfield, Ill.  
 Franz Hardware Co., Webb City, Mo.  
 Franz, Val., contractor, 180 Jessie, San Francisco, Cal.  
 Franzen, Wm., furnaces, 3352 Sheffield av, Chicago, Ill.  
 Franzen, Wm., & Son, glass bottles, Chase & George, Milwaukee, Wis.



- Franzheim, E. B., architect, Schmulbach Bldg., Wheeling, W. Va.  
 Franzke, Arthur, cornices & skylights, Bellingham, Wash.  
 Franzmeier, Louis, clover bunchers, grain lifter guards, Timothy, Wis.  
 Frary Mfg. Co., mfrs. burned goods, & variety burning lathes, Charlemon, Mass.  
 Frary Spool Co., Berlin, N. Y.  
 Fraprie-Douglas Co., tex. machy., supplies (paper cop tubes), Fall River, Mass.  
 Fraser, A. L., cornices, Salem, Oregon.  
 Fraser & Berau, contractors, 749a Macon, Brooklyn, N. Y.  
 Fraser-Brace & Co., contractors, 1328 Broadway, New York.  
 Fraser Co., engines & milling machs., 667 E. Water, Milwaukee, Wis.  
 Fraser, E. L., machsts. tools, etc., 141 3rd, Philadelphia, Pa.  
 Fraser Granite Co., Mansfield, Ohio.  
 Fraser, H. A. & D. M., contractors, Ardmore, Pa.  
 Fraser, J. C., & Sons Co., contractors, 5 Providence, Boston, Mass.  
 Fraser, James M., architect, 44 Knowles (E. C.), Cleveland, O.  
 Fraser Lubricator Co., 2412 S. 7th, St. Louis, Mo.  
 Fraser Mfg. Co., machsts., 573 Henderson, Jersey City, N. J.  
 Fraser & Richardson Const. Co., stone producers, 6th & Wewatta, Denver, Colo.  
 Fraser, Robt. M., granite, Montpelier, Vt.  
 Fraser & Ross, contractors, 64 Dexter, Providence, R. I.  
 Fraser, Warren F., Co., machst. & tools, Freeport, Boston, Mass.  
 Frasier & Frasier, contractors, 180 Jessie, San Francisco, Cal.  
 Frasse Co., mill & facty. supplies, whol. hdwe., 170 Fulton, New York  
 Frasse, Peter A., & Co., Inc., machinists' tools & supplies, 417 Canal, New York.  
*See adv index at end of book*  
 Frauenfelder, J. J., architect, 610 S. B'way, Los Angeles, Cal.  
 Frauneder, Cornelius, iron, Oakland, Cal.  
 Frautz, Wm. H., & Son, bldg. contrs., Geneva, N. Y.  
 Fray, John S., Co., brace bits, tool sets, etc., Bridgeport, Conn.  
 Frazee, H. E., flour, Pelican Rapids, Minn.  
 Frazee, Jas., Milling Co., flour, Baldwinville, N. Y.  
 Frazer Bros. Co., machsts., Adams, N. Y.  
 Frazer & Burchenal, contractors, 80 Maiden la, New York.  
 Frazer, G. M., mach. & fdr., Eugene, Ore.  
 Frazer & Jones Co., saddlery hardware & malleable iron castings, Syracuse, N. Y.  
 Frazer Lubricator Co., 3921 Normal av, Chicago, Ill.  
 Frazer Paint Co., Hubbard & M. C. R. R., Detroit, Mich.  
 Frazeur, Dan'l B., lime, Bridgeton, N. J.  
 Frazeur Lime Wks., Bridgeton, N. J.  
 Frazier, C. E., architect, Candler Bldg., Atlanta, Ga.  
 Frazier-Evans Constr. Co., Weightman Bldg., Philadelphia, Pa.  
 Frazier, Henry F., architect, Nappanee, Ind.  
 Frazier, J. H., marine r'ways & dry docks, Marblehead, Mass.  
 Frazier Packing Co., canned goods, Elwood, Ind.  
 Frazier, R. H., & Son, contractors, 224 W. Mulberry, Baltimore, Md.  
 Frazier, W. J., Co., gin distillers, Covington, Ky.  
 Frazier, W. S., & Co., auto. wood bodies, Aurora, Ill.  
 Freas, Francis L., barometers, hydrometers, thermometers, etc., Conshohocken, Pa.  
 Fredella, Jos., contractor, Glens Falls, N. Y.  
 Fredenberg, M. D., machinist & founder, Alexandria, Minn.  
 Fredenburg & Lounsbury, masons' & bldrs.' matls., 381 4th av, New York.  
 Frederick, Adam, lumber, Woodbury, Pa.  
 Frederick, B. Stevens, mfrs. foundry facings & supplies, 3rd & Larned, Detroit, Mich.  
 Frederick Brick Co., Kingston, N. Y.  
 Frederick Brick Wks., Frederick, Md.  
 Frederick Bros., brick, Allentown, Pa.  
 Frederick Bros., contractors, 1910 Beaver av, Pittsburgh, Pa.  
 Frederick, Chas., contractor, Chambersburg, Pa.  
 Frederick City Packing Co., Frederick, Md.  
 Frederick-Elder Co., elec. light fix. mfrs., Bridgeville, Pa.  
 Frederick, Geo. H., Distilling Co., Harrison, Ohio.  
 Frederick Iron & Metal Co., scrap rubber, 235 Harrison, Baltimore, Md.  
 Frederick Machine Works, milling mach., vises, 460 Foster av, Norwalk, Ohio.  
 Frederick Piano Co., 125 Cypress av, New York.  
 Frederick, S. Y., & Son, masons' & bldrs.' matls., Hazleton, Pa.  
 Frederick, W. C., architect, Pensacola, Fla.  
 Frederick, W. F., Piano Co., 635 Smithfield, Pittsburgh, Pa.  
 Fredericks, Chas. C., masons' & bldrs.' matls., Wayne av. c. Reading Ry., Gtn., Philadelphia, Pa.  
 Fredericks, Wm. H., sashes, doors & blinds, Camden, N. J.  
 Frederickson, A. D. & J. V., bldg. contrs., Madison, Wis.  
 Frederickson, C. G., bldg. contr., Duluth, Minn.  
 Frederickson, Christian, architect, Lehi, Utah.  
 Frederickson Patents Co., aero. motors, 2231 Prairie, Chicago, Ill.  
 Fredericktown Lumber Co., Fredericktown, Mo.  
 Fredin, J. E., bldg. contr., Duluth, Minn.  
 Fredonia Brick Co., Fredonia, Kans.  
 Fredonia Canning Co., Fredonia, Wis.  
 Fredonia Portland Cement Co., Fredonia, Kans.  
 Fredonia Preserving Co., Fredonia, N. Y.  
 Fredonia Window Glass Co., Fredonia, Kans.  
 Free, D. F., contractor, 1752 3d, E., Salt Lake City, Utah.  
 Free, Hall & Mutchler, sash, door & blind, Paw Paw, Mich.  
 Free Sewing Machine Co., Rockford, Ill.  
 Freeborn, F. W., Engng. Const. Co., Rialto Bldg., Kansas City, Mo.  
 Freeburg, A. S., stone prod., Hartford, Conn.  
 Freed Heater Co., Bourse, Philadelphia, Pa.  
 Freedlander, Jos. H., architect, 244 5th av, New York.  
 Freedman, Louis, contractor, Trenton, N. J.  
 Freedman, Small & Co., plumbers' supplies—jobbers, 623 S. 6th, Philadelphia, Pa.  
 Freedner, Chas, contractor, Wallace, Idaho.  
 Freedom Casket Co., Freedom, Pa.  
 Freedom Lbr. Co., Freedom, Me.  
 Freedom Oil Wks. Co., petrolatum, Freedom, Pa.  
 Freela, D., Sons Co., tanks, steel, Sturgis, Mich.  
 Freeland, B. F., Sons Co., agricultural implements, oil pumps, machsts. & fndrs, Sturgis, Mich.  
 Freeland & Klyce Engng. Co., archtl., structl. & consult'g., 65 Life & Casualty, Nashville, Tenn.  
 Freeland Mfg. Co., woolen blankets & flannels, Freeland av & Walnut la, Philadelphia, Pa.  
 Freeland Plumbing & Plumbing Supplies Co., steam fitters' supplies, Freeland, Pa.  
 Freeland Steel Tank Co., farm boilers, feed cookers, Portage, Wis.  
 Freeman, A. W., hdwe. mfr., 229 Mulberry, Newark, N. J.  
 Freeman, Alfred, architect, 29 W. 34th, New York.  
 Freeman, Anthony, hdwe. mfr., 54 W. Lake, Chicago, Ill.  
 Freeman, Arthur C., Jr., architect, Arcade Bldg., Norfolk, Va.  
 Freeman & Brooks, contractors, Champaign, Ill.  
 Freeman, Chas. A., Mfg. Co., window screens, weather strips, 201 Devonshire, Boston, Mass.  
 Freeman, E. B., lumber mfrs., Norfolk, Va.  
 Freeman, E. G., & Co., cornices, Binghamton, N. Y.  
 Freeman, E. H., Elec. Co., machinists, Trenton, N. J.  
 Freeman Fire Brick Co., New Cumberland, W. Va.  
 Freeman, Frank, architect, 132 Nassau, New York.  
 Freeman, G. C., architect, 1111 N. 11th, Reading, Pa.  
 Freeman, G. R., architect, 56 Market, Poughkeepsie, N. Y.  
 Freeman, Geo. A., architect, 17 W. 44th, New York.  
 Freeman, H. C., & Co., belt conveyors, 141 Milk, Boston, Mass.  
 Freeman, J. Eugene, architect, Kohl Bldg., San Francisco, Cal.  
 Freeman, L. D., machst. & fndr., Seymour, Mo.  
 Freeman, Leon, woven labels, 355 Union Pk. Ct., Chicago, Ill.  
 Freeman, Louis G., Co., machsts., 210 E. 9th, Cincinnati, Ohio.  
 Freeman Mach. Co., Lawrence, Mass.  
 Freeman, Manning & Son, masons' & bldrs.' matls., Metuchen, N. J.  
 Freeman Mfg. Co., agr. imp. mfrs., Racine, Wis.  
 Freeman Mfg. Co., surgical hosiery, Detroit, Mich.  
 Freeman Pattern Works, Toledo, Ohio.  
 Freeman Perfume Co., almond meal, Cincinnati, Ohio.  
 Freeman, Philip, & Bros., elec. & gas light fixtures, 92 Bowery, New York.  
 Freeman, S., & Sons Mfg. Co., agricultural implements, Racine, Wis.  
 Freeman-Smith Lumber Co., Millville, Ark.  
 Freeman & Wasgatt, granite, Barre, Vt.  
 Freeport Brass Fdry., Freeport, Ill.  
 Freeport Clay Products & Mineral Co., brick, Freeport, Pa.  
 Freeport Gas Mach Co., Freeport, Ill.  
 Freeport Motor Co., machsts., Freeport, Ill.  
 Freeport Sulphur Co., Freeport, Tex.  
 Freese Bros., brick, Janesville, Wis.  
 Freese, E. M. & Co., machsts. & fndrs., Galion, Ohio.  
 Freese, F. E., sash, door & blind mfr., 3925 Armitage av, Chicago, Ill.  
 Frei Emil Art Glass Co., 3934 S. Grand av, St. Louis, Mo.  
 Frei Pickle Works, canned, Portland, Ore.  
 Freiberg Lbr. Co., lbr., Dalton & Findlay, Cincinnati, Ohio.  
 Freiberg & Workum Co., distillers, 220 B'way, New York, & 216 E. Front, Cincinnati, Ohio.  
 Freidus, M., machy. dlrs., 210 Centre, New York.  
 Frein Masonry & Contrg. Co., 3802 Forest Park blvd, St. Louis, Mo.  
 Freitag, Weinhardt & Co., mill & facty. & steam fitters' supplies, Terre Haute, Ind.  
 Freling & Steinle, trunks, Omaha, Neb.  
 Frelinger, J. G., Iron Wks., 115 W. 2d, Cincinnati, Ohio.  
 Fremont Canning Co., Fremont, Mich.  
 Fremont Fdry. & Mach. Co., Fremont, Neb.  
 Fremont Kraut Co., canned goods, Fremont, Ohio.  
 Fremont Mfg. Co., iron, archtl & ornamental, Fremont, Neb.  
 Fremont Milling Co., flour, Fremont, Neb.  
 Fremont Oil Mills Co., Fremont, N. C.  
 Fremont Steam Boiler Wks., Fremont, Ohio.  
 Fremont Stove Co., Fremont, Ohio.  
 Fremont Tile & Brick Co., Fremont, Ohio.  
 French, A. A., & Son, architects, University Bldg., Detroit, Mich.  
 French, Albert E., architect, Goebel Bldg., Detroit, Mich.  
 French, Arthur, common brick, Polo, Ill.  
 French Battery & Carbon Co., elec. lamp flashlights, Madison, Wis.  
 French & Batzer, pipe thawing app., Brooklyn, Mich.  
 French, Burt L., architect, Marion, Ind.  
 French Button Wks., 108 N. Franklin, Philadelphia, Pa.



- French, C. B., Cabinet Co., telephone booths, Metropolitan av, Maspeth, Borough of Queens, N. Y.
- French Cabinet Co., tele. cabinet wk., Metropolitan av nr. Flushing av, Brooklyn, N. Y.
- French China Co., Sebring, Ohio.
- French Creek Granite Co., St. Peters, Pa.
- French, E. C., & Co., boiler, flue & tube cleaners, 53 W. Jackson blvd, Chicago, Ill.
- French, Edw. V., architect, 143 North av, Plainfield, N. J.
- French, F. W., Oxygen Co., Oakland, Cal.
- French, Fred F., carriages, 930 Commonwealth av, Boston, Mass.
- French, G. N., & Son, carriages, Bellows Falls, Vt.
- French, H. Q. & Son, granite, 15 E. 40th, New York.
- French & Hecht, machsts. & fndrs., Davenport, Ia.
- French, James F., Brookston, Ind.
- French, Jesse Piano & Organ Co., St. Louis, Mo.
- French, Jesse, & Sons Piano Co., New Castle, Ind.
- French Lubrg. Oil Co., 226½ Bowery, New York.
- French, Mansfield, J., architect, Snow Bldg., Syracuse, N. Y.
- French Mfg. Co., fndrs., Waterbury, Conn.
- French, O. P., & Sons Co., cornices, Woonsocket, R. I.
- French Oil Mill Machinery Co., Piqua, Ohio.
- French Paper Co., Niles, Mich.
- French, R. T., flour mills, Middleville, Mich.
- French, Richard, Iron Wks., Worcester, Mass.
- French, Rollin E., archt, 1026 Kentucky av, Indianapolis, Ind.
- French, Samuel H., & Co., paints, masons' & bldrs.' matls. & cement, York av, 4th & Callowhill, Philadelphia, Pa.
- French, W. F., mill & facty. supplies, Milford, N. H.
- French, Walter S., contractor, Moorestown, N. J.
- French, William S., flour mills, Woodstock, Va.
- Frenchmen's Bay Packing Co., South Goldsboro, Me.
- Freney & Jackson, architects, 51 Leavenworth, Waterbury, Conn.
- Frenier, Maxime O., engineer, 583 Main, Springfield, Mass.
- Frenier & Son, machsts., Rutland, Vt.
- Frentz, Geo., ship bldr., Scranton, Miss.
- Frerk, Henry, Sons, masons' & bldrs.' matls., 3135 Belmont av, Chicago, Ill.
- Frescoat Co., cold water paints, Grand Rapids, Mich.
- Freshour, Hy. C., paper clips, float valves, etc., Bridgeport, Conn.
- Fresno Agricultural Wks., Fresno, Cal.
- Fresno Brick & Tile Co., Fresno, Cal.
- Fresno Flume & Lumber Co., Fresno, Cal.
- Fresno Lumber Co., Fresno, Cal.
- Fresno Soap Co., Fresno, Cal.
- Fretwell, John, architect, Adrian, Mich.
- Fretwell & Winburn, architects, Idaho Falls, Idaho.
- Fretz, A. L., & Son, contractors, Chancellor Bldg., Phila., Pa.
- Fretz, Gross & Co., steel umbrella parts, 22d & Sedgley av, Philadelphia, Pa.
- Freu Brick Co., Piggott, Ark.
- Freund Constr. Co., Bulletin Bldg., Philadelphia, Pa.
- Freund, Ernst, meat packer, 1215 W. Liberty, Cincinnati, Ohio.
- Freund, Frank, contractor, Galveston, Tex.
- Freund, H. H., malt mills, 154 W. 18th, New York.
- Freund, Jacob, Roofing Co., Mitchell av & B. & O. S. W. Ry., Cincinnati, Ohio.
- Freund, John, architect, 11 E. Lexington, Baltimore, Md.
- Freund Packing & Mfg. Co., meat, St. Joseph, Mo.
- Freund & Quay, contractors, Houston, Tex.
- Frevet Machinery Co., machinery dealer, 38 Vesey, New York.
- Frey, Joseph, masons' & bldrs.' matls., Norwalk, Ohio.
- Frey, Louis, & Co., blue prints & papers., 50 John, New York.
- Frey, Miley J., contractor, Pittsburgh, Pa.
- Frey Planing Mill Co., sash, door & blind mfrs., Louisville, Ky.
- Frey & Thomas, wholesale hdwe., York, Pa.
- Freyberg, Richard H., cornices, 1308 2d av, New York.
- Freyburg, C. B., Lbr. Co., Sheboygan, Wis.
- Freyder, F. X., architect & contr., Iowa City, Ia.
- Freyermuth & Maurer, archts., Warner Bldg., South Bend, Ind.
- Freyhof, John D., masons' & bldrs.' matls., Glendale, Ohio.
- Freys, Chas. T., architect, 150 E. Market, Indianapolis, Ind.
- Frejs, Chas. T., architect, Fletcher Sav. & Tr. Bldg., Indianapolis, Ind.
- Friberg-McLennan Co., contractors, Oregonian Bldg., Portland, Ore.
- Frick & Borwick Granite Co., St. Cloud, Minn.
- Frick Co., machinery & agricul. impts., mfrs., Waynesboro, Pa.
- Frick Gate Bar Co., steel stacks, 421 Chestnut, Phila., Pa.
- Frick, H. C., Coke Co., Carnegie Bldg., Pittsburgh, Pa.
- Frick, Howard A., architect, Hermiston, Ore.
- Frick, Julius C., cornices, 1802 Orange, Indianapolis, Ind.
- Frick & Lindsay Co., mill & facty. supplies, Robinson, Ptg., Pa.
- Frick-Reid Supply Co., machy. dlsrs., Bartlesville, Okla.
- Fricke, Adolf, iron holders, polishing cloths, etc., 73 Franklin, New York.
- Fricke, J. E., Co., cords, rope, twine, etc., 247 Market, Phila., Pa.
- Fricker, Fred., elec. signs, 428 11th av, New York.
- Fricker, John, Co., cornices, 10 Ely, Rochester, N. Y.
- Friction Pulley & Mach. Wks., machsts. & fndrs., Hudson Falls, N. Y.
- Frictionless Metal Co., fndrs. & mchsts., Chattanooga, Tenn.
- Friday Bros. Canning Co., Coloma, Mich.
- Friday Harbor Packing Co., Friday Harbor, Wash.
- Fridley, Seymour, lumber mfrs., Phelps, N. Y.
- Fridlund, A. J., contractor, Moorhead, Minn.
- Fridman Lumber Co., furniture for public bldgs., New Richmond, Ohio.
- Fridrich, Chas. L., architect, 5120 Wells av, St. Louis, Mo.
- Friebus, G. S., masons' & bldrs.' matls., Norfolk, Va.
- Fried, Jos., contractor, 530 E. 71st, New York.
- Fried-Ostermann-Meyer Co., auto. gloves, 623 Reed, Milwaukee, Wis.
- Fried & Reineman, meat packers, Spring Garden av, Pittsburgh, Pa.
- Friedberger-Aaron Mfg. Co., tapes, braids & cords, 18th & Courtland, Philadelphia, Pa.
- Friedburg & Son, cornices, 278 Division av, Brooklyn, N. Y.
- Friedel, J. E., Paper Box Co., Syracuse, N. Y.
- Friedel, W. R., Co., wood mouldings, 718 So. Dudley, Memphis, Tenn.
- Friederich, A., & Sons, contractors, Rochester, N. Y.
- Friederich, L., & Bros., desk mfrs., St. Louis, Mo.
- Friedhoff & Mahaffey, cornices, Johnstown, Pa.
- Friedl, Herman, architect, 154 W. Randolph, Chicago, Ill.
- Friedland, Louis H., architect, 177 Penn, Brooklyn, N. Y.
- Friedlander-Brady Knitting Mills, 501 S. Green, Chicago, Ill.
- Friedlander, Jos. B., Co., plate & window glass, 233 Washington, Brooklyn, N. Y.
- Friedlaender, Julius, & Co., carriages, Columbus, Ga.
- Friedlander, Paul N., brushes, 337 Broadway, New York.
- Friedley-Voshardt Co., sheet metal moldings, ornaments, etc., 733-727 So. Halsted, Chicago, Ill.
- Friedline, Wm., rye flour, Sipesville, Pa.
- Friedlund Bros., architects, Moorehead, Minn.
- Friedman Blau Farber Co., gloves & mittens, sweaters, cardigans, Cleveland, Ohio.
- Friedman Bros., plate glass, 461 Valcenia, San Francisco, Cal.
- Friedman, Chas., scrap iron, rubber, 3 Beacon, Newark, N. J.
- Friedman, F. J., & Son, contractor, 38 Fox, Buffalo, N. Y.
- Friedman & Fagon, trunk mfrs., 205 E. 101st, New York.
- Friedman, Jos., elec. portables, casseroles, etc., 133 5th av, New York.
- Friedman, M. A., iron, 152 Jelliff av, Newark, N. J.
- Friedman, Raphael N., architect, 6 N. Clark, Chicago, Ill.
- Friedman, Robertson & Keeler, architects, 90 West, New York.
- Friedman, S. M., Co., cornices, 95 Cedar, Brooklyn, N. Y.
- Friedman, Samuel, contractor, Keeline Bldg., Omaha, Nebr.
- Friedrich, Aloysius, contractor, 3427 East, Pittsburgh, Pa.
- Friedrich, E. H., Co., cornices & skylights, Holyoke, Mass.
- Friedrichs, Carl, machsts., Hoboken, N. J.
- Friend, Chas., & Son, harness, saddles, etc., 343 Jackson, St. Paul, Minn.
- Friend & Co., masons' & bldrs.' matls., Petersburg, Va.
- Friend, Henry P., contractor, Norristown, Pa.
- Friend, Jno. H., architect, 148 Alexander av, New York.
- Friend, John M., mason & bldrs. matl., Newport, R. I.
- Friend Mfg. Co., machsts., Gasport, N. Y.
- Friend & Terry Lumber Co., Sacramento, Cal.
- Friends University Engng. Schools & Coll., Wichita, Kans.
- Friendsville Roller Mills, flour, Friendsville, Tenn.
- Fries, A. G., Plating Co., 200 Terrace, Buffalo, N. Y.
- Fries, A., & Sons, brick, Connersville, Ind.
- Fries, Anthony J., stencils, soap & box printing dies, 717 Sycamore, Cincinnati, Ohio.
- Fries, Beall & Sharp Co., tin plate, 734 10th, N. W., Washington, D. C.
- Fries & Co., mchsts. & fndrs., 91 Main, Buffalo, N. Y.
- Fries, Geo., Sons, wash boilers, egg beaters, etc., 222 S. Front, Philadelphia, Pa.
- Fries, W. E., brick, Milton, Pa.
- Friese, G. M., masons' & bldrs.' matls., Rahway, N. J.
- Fugere, Geo. H., architect, Chicopee Falls, Mass.
- Frietchen, Edward, & Bro., soap, Mansfield, Ohio.
- Frink, I. P., Inc., reflector mfrs., 10th av & 24th, New York.
- Frink Pyrometer Co., Lancaster, O.
- Frink, S. R., architect, Commerce Bldg., Kansas City, Mo.
- Fringer, C. F., canned goods, Lithia, Va.
- Frings, Martin, parquet floors, 3639 N. 11th, Philadelphia, Pa.
- Frisbee Hardware Co., Connellsville, Pa.
- Frisbie Engine & Mach., Co., 33 E. Water, Cincinnati, Ohio.
- Frisbie, L. T., Co., fertilizer mfrs., New Haven, Conn.
- Frisbie Motor Co., machsts. & fndrs., Middletown, Conn.
- Frisch Bros., patterns & models, 29th & Tatnall, Wilmington, Del.
- Frisch, Nicholas, contrs., Aurora, Ill.
- Frisch Toilet Mirror Co., 161 W. 29th, New York.
- Frischkorn, Hunter B., mill & facty. supplies, 801 E. Cary, Richmond, Va.
- Fritch, Alfred R., architect, Trust Bldg., El Paso, Tex.
- Fritch, D. D. & N. D., flour mills, Macungie, Pa.
- Fritchey, J. U., & Son, contractors, Lancaster, Pa.
- Fritchie Auto. & Battery Co., storage battery trucks, Denver, Colo.
- Frith's Union Slaughter House, meat packers, Dubuque, Iowa.
- Fritsch Thermometer Mfg. Co., 210 Canal, New York.
- Fritschy, A. J., Corp., arch'l iron, 604 Greenwich, New York.
- Fritts, D. H., & Co., carved mouldings, 414 N. Wood, Chicago, Ill.
- Fritz Bros., dog collars, Meriden, Conn.
- Fritz, C. B. & A. K., bldg. contrs., Madison, Wis.
- Fritz, Geo., stone producer, 1213 East, N. S., Pittsburgh, Pa.
- Fritz, Geo. E., patterns & models, 4 Howard, New York.



- Fritz, Geo. J., Fndry. & Mach. Co., 2018 S. 3d, St. Louis, Mo.  
 Fritz, Herman, architect, 237 Main av, Passaic, N. J.  
 Fritz, John T., architect, Linton, Ind.  
 Fritz Mfg. Co., blue print cars & draughting tables, Grand Rapids, Mich.  
 Fritz, N., contractor, 62 Maywood, Boston, Mass.  
 Fritz-Rumer-Cooke-Grant Co., contractors, Ohio Elec. Trem. Bldg., Columbus, Ohio.  
 Fritz, W. G. Co., contractors, Essex Bldg., Newark, N. J.  
 Fritz, W. H., masons' & bldrs.' matls., Berwyn, Pa.  
 Fritz, Wm. H., & Co., lumber, Crozer Bldg., Philadelphia, Pa.  
 Fritzche & Kleason, glass, 197 E. Genesee, Buffalo, N. Y.  
 Fritzell, Oscar, brass fdrs., New Haven, Conn.  
 Fritzinger, Wm. A., masons' & bldrs.' matls., Slatington, Pa.  
 Fritsche Bros., oils, 82 Beekman, New York.  
 Fruit Belt Preserving Co., canned goods, East Williamson, N. Y.  
 Friz, J. J., flour mills, Walnut Grove, Ala.  
 Friz, Clyde N., architect, Munsey Bldg., Baltimore, Md.  
 Frizell Ladder Co., 135 Granite av, Boston, Mass.  
 Frizlen Cut Glass Co., Vineland, N. J.  
 Frobes & Smith, contractors, Wellsville, Ohio.  
 Froehlich, Chas. M., heating contrs., Harrisburg, Pa.  
 Froehling & Robertson, testing laboratories, Real Estate Bldg., Richmond, Va.  
 Froelich Bros., plumbers' supplies—jobbers, 142 N. 7th, Philadelphia, Pa.  
 Froerning Bros. Quarry Co., Milwaukee, Wis.  
 Frog-Switch & Mfg. Co., railroad supplies mfrs., Carlisle, Pa.  
 Frohe, Leo P., glass stainers, 220 B'way, Buffalo, N. Y.  
 Frohlich, Edw., Glass Co., sash, doors & blinds, Detroit, Mich.  
 Frohman & Martin, architects, Pasadena, Cal.  
 Frohne, Wm. C., architect, 2463 Davidson av, New York.  
 Fromberg & Drennan, contrs., Q. & C. Bldg., New Orleans, La.  
 Froment & Co., floor plates, 150 Bank, New York.  
 Fromherz & Drennan, architects, Q. & C. Bldg., New Orleans, La.  
 Fromm, S., sweaters, cardigans, etc., 93 Underhill av, Brooklyn, N. Y.  
 Frommann & Jebesen, architects, 64 W. Randolph, Chicago, Ill.  
 Front Drive Motor Co., 16th & Willow av, Hoboken, N. J.  
 Front & Morrison, paint mfrs., Portland, Ore.  
 Frontenac Motor Co., 1547 Gd. River av, Detroit, Mich.  
 Frontier Brass Fdry., Niagara Falls, N. Y.  
 Frontier Brick Wks., Niagara Falls, N. Y.  
 Frontier Contr. Co., Morgan Bldg., Buffalo, N. Y.  
 Frontier Cut Glass Co., Buffalo, N. Y.  
 Frontier Engine Wks., machsts., 9 Perry, Buffalo, N. Y.  
 Frontier Iron Wks., Letchworth & Grant, Buffalo, N. Y.  
 Frontier Meter Wks., Buffalo, N. Y.  
 Frontier Plumbing & Heating Co., 353 Ellicott, Buffalo, N. Y.  
 Frontier Stone Co., 1003 Fillmore av, Buffalo, N. Y.  
 Frontier Water & Steam Sup. Co., Buffalo, N. Y.  
 Frooks Engine Co., 352 1st av, New York.  
 Frorup, L. E., & Co., arc light carbons, 232 Greenwich, New York.  
 Frosch, Berthold, landscape architect, 1200 Chislet, Pitts'bg, Pa.  
 Frost & Adams Co., architects', engineers' & artists supplies, 37 Cornhill, Boston, Mass.  
 Frost Box Co., packing boxes, Beverly, Mass.  
 Frost, C. L., & Son, forming machs., Grand Rapids, Mich.  
 Frost & Chamberlain, architects, 390 Main, Worcester, Mass.  
 Frost, Chas. S., architect, 105 S. La Salle, Chicago, Ill.  
 Frost, Chas. S., architect, Capital Bk. Bldg., St. Paul, Minn.  
 Frost & Cundell, importers, Asiatic products, camphor, 60 Wall, New York.  
 Frost Engng. Co., farm elec. lighting plants, Evansville, Wis.  
 Frost Gear & Forge Co., automobile forgings & gears, Jackson, Mich.  
 Frost, Geo. T., & Sons, mill & facty. supplies, Paterson, N. J.  
 Frost, Hy. A., architect, Brattle Bldg., Cambridge, Mass.  
 Frost Insecticide Co., Arlington, Mass.  
 Frost-Johnson Lumber Co., 300 Broadway, St. Louis, Mo.  
 Frost, Jos., contractor, Gary, Ind.  
 Frost Mfg. Co., machsts. & fndrs., Galesburg, Ill.  
 Frost Mfg. Co., plumbers' brass goods, Kenosha, Wis.  
 Frost Ry. Supply Co., friction draft springs, weather strips, Penobscot Bldg., Detroit, Mich.  
 Frost-Sibley Lumber Co., Lamisan, Ala.  
 Frost Superior Fence Co., Cleveland, Ohio.  
 Frost, Willard A., architect, 50 Bromfield, Boston, Mass.  
 Frost & Walls, machsts., Vineland, N. J.  
 Frost & Winchester Co., contrs., Equity Bldg., Detroit, Mich.  
 Frost's Veneer Seating Co. (Ltd.), Sheboygan, Wis.  
 Fruchey Mfg. Co., machsts., 429 Bagg, Detroit, Mich.  
 Fruchtdender, L., & Co., bathing suit mfrs., 616 E. 5th, New York.  
 Frudden Lumber Co., Ackley, Ia.  
 Fruehauf Trailer Co., auto. truck trailers, 1371 Gratiot av, Detroit, Mich.  
 Fruehling, G. H., architect, Binz Bldg., Houston, Tex.  
 Fruen Cereal Co., 2600 3d av, N., Minneapolis, Minn.  
 Fruhling, A. G., machinist, Los Angeles, Cal.  
 Fruin-Bambrick Const. Co., contrs., 800 S. Spring av, St. Louis, Mo.  
 Fruin-Colnon Contr. Co., Laclede Bldg., St. Louis, Mo.  
 Fruin Drop Forge Co., 347 Root, Chicago, Ill.  
 Fruit Farm Preserving Co., Cedarville, N. J.  
 Fruit-Ohl Co., mill & facty. supplies, who. hdwe., Sharon, Pa.  
 Frush, J. P., & Son, contractors, Warsaw, Ind.  
 Fry, A. M., contractor, Piqua, Ohio.  
 Fry Art Co., color mfrs., 35 W. 31st, New York.  
 Fry Bros. & Co., soap, 111 E. Canal, Cincinnati, Ohio.  
 Fry Bros. Mfg. Co., lawn swings, Richmond, Ind.  
 Fry, E. Y., lumber, Stockton, Ga.  
 Fry, Edw. G., machsts., Lebanon, Pa.  
 Fry, Frank L., & Co., architects, 140 S. Dearborn, Chicago, Ill.  
 Fry, H. C., Glass Co., auto. lamp lenses, Rochester, Pa.  
 Fry, J. W., cornices, 1021 Pike, Seattle, Wash.  
 Fry, Jas. W., contractor, Greenfield, Ind.  
 Fry, John W., flour mills, Melber, Ky.  
 Fry, L. E., & Co., motor boat, launch & yacht bldrs., Clayton, N. Y.  
 Frye & Chesterman, architects, Roanoke, Va.  
 Frye & Co., meat packers, Seattle, Wash.  
 Frye, J. Marshall, Co., cross arms (wood), Hattiesburg, Miss.  
 Frye, Phipps & Co., wholesale hdwe., 23 Pearl, Boston, Mass.  
 Fryer, David E., & Co., masons' & bldrs.' matls., Seattle, Wash.  
 Fryer, R. D., turpentine, Sumatra, Fla.  
 Fryer, W. T., canned goods, Colora, Md.  
 Frymier & Hanna Co., contractors, 25 W. 45th, New York.  
 F. & S. Motors Co., 219 Becher, Milwaukee, Wis.  
 Fuchs, Geo. D., contractor, Scranton, Pa.  
 Fuchs & Lang Mfg. Co., machsts. & fndrs., 119 W. 40th, New York.  
 Fuchs, Louis, cornices, 76 Vermont, Brooklyn, New York.  
 Fuchs, Max, Co., sponges, chamois, 244 Pearl, New York.  
 Fudge, F. E., turpentine, Colquitt, Ga.  
 Fuehrer, Wm. J., architect, 127 Clifford av, Rochester, N. Y.  
 Fuel Saver Stove Co., mfrs., Alliance, Ohio.  
 Fuerst Bros. & Co., chemicals, 2 Stone, New York.  
 Fuerst Robt., contractor, 2704 Vine, Cincinnati, Ohio.  
 Fuerste, Chas., machst. & fndr., Guttenberg, Ia.  
 Fugere, Geo. H., architect, 67 Main, Chicopee Falls, Mass.  
 Fuhr, Jno. H., architect & contr., Macomb, Ill.  
 Fuhrer-Ford Milling Co., flour, Mount Vernon, Ind.  
 Fuhs, Adolph, architect, 302 E. 87th, New York.  
 Fulcher Brick Co., Nashville, Tenn.  
 Fuld, Wm., toys, games & nov., 1228 N. Central av, Balto., Md.  
 Fuldner Constr. Co., Majestic Bldg., Milwaukee, Wis.  
 Fulghum, S. F., & Co., contractors, Pensacola, Fla.  
 Fulham, W. F., architect, 2130 Berlin, New Orleans, La.  
 Fulkerson Bros. Handle Co., Puxico, Mo.  
 Fulkerson, J. C., masons' & bldrs.' matls., Cedar Rapids, Ia.  
 Fuller, A. W., flour, Fullers, N. C.  
 Fuller, Albert B., architect, Reliance Bldg., Kansas City, Mo.  
 Fuller, Alex. A., architect, 111 N. Dearborn, Chicago, Ill.  
 Fuller, Andrew D., Co., contractors, 3 Hamilton pl, Boston, Mass.  
 Fuller, Aug. P., Co., varnish mfrs., Portland, Me.  
 Fuller Auto. & Wagon Wks., Chattanooga, Tenn.  
 Fuller Bros., contractors, Frostburg, Md.  
 Fuller Bros., Lumber, Vermontville, Mich.  
 Fuller Bros., masons' & bldrs.' matls., Charleston, Ill.  
 Fuller Buggy Co., wagons, Jackson, Mich.  
 Fuller Canneries Co., Rockefeller Bldg., Cleveland, Ohio.  
 Fuller & Co., masons' & bldrs.' matls., Albany, N. Y.  
 Fuller Co., dynamo mfrs., Detroit, Mich.  
 Fuller & Cooper, machsts., Williamson, N. Y.  
 Fuller & Delano Co., architects, 44 Front, Worcester, Mass.  
 Fuller, E. C., Co., machsts., 28 Reade, New York.  
 Fuller, E. H., canned goods, Stanton, Ky.  
 Fuller, Elam H., contractor, 416 W. B'way, New York.  
 Fuller (The) Engineering Co., Allentown Natl. Bank Bldg., Allentown, Pa.  
 Fuller, Foley & Co., granite, W. Quincy, Quincy, Mass.  
 Fuller, Frederic, bell fndr., 277 Brook, Providence, R. I.  
 Fuller & Fuller Co., turmeric, 325 W. Randolph, Chicago, Ill.  
 Fuller, G. A., Co., contractors, 775 5th av, New York.  
 Fuller, G. E. & A. I., nails, tacks, pails, buckets, etc., Keene, N. H.  
 Fuller, G. W., Co., auto. baskets & trunks, Hartford, Conn.  
 Fuller, Geo. A., architect, 18 Tremont, Boston, Mass.  
 Fuller, Geo. A., Co., contractors, Penobscot Bldg., Detroit, Mich.  
 Fuller, Geo. A., & Co., contractors, 175 5th av, New York, & 804 N. Pennsylvania, Indianapolis, Ind.  
 Fuller, Geo. A., Constr. Co., Dwight Bldg., Kansas City, Mo.  
 Fuller, Geo. A., Contracting Co., Houston, Tex.  
 Fuller, Geo. H., contractor, Chicago Heights, Ill.  
 Fuller, Geo. H., & Son Co., band saw & gold solder, Pawtucket, R. I.  
 Fuller & Goepf, plate glass, 34 Davis, San Francisco, Cal.  
 Fuller-Goodman Co., lumber, Oshkosh, Wis.  
 Fuller, H. B., Co., adhesives, 188 W. 3d, St. Paul, Minn.  
 Fuller & Heller Hdwe. Co. (wholesale), Muscatine, Ia.  
 Fuller Iron Wks., founders, 40 Tockwotton, Providence, R. I.  
 Fuller, J. D., masons' & bldrs.' matls., Montville, Ga.  
 Fuller, J. J., wood handles, Westfield, Mass.  
 Fuller, J. N., Co., architects, Winfield, Kan.  
 Fuller & Johnson Mfg. Co., gasoline & kerosene engines, Madison, Wis.  
 Fuller, L. A., woodenware mfr., Marlboro Depot, N. H.  
 Fuller, Lemuel, lbr., Amherst, N. H.  
 Fuller, Louis E., inks, 226 W. 75th, New York.  
 Fuller, M. W., architect, Fort Collins, Colo.  
 Fuller Mfg. Co., machsts. & fndrs., New Haven, Conn.  
 Fuller, Otis L., Co., shear mfrs., Goshen, Ind.



- Fuller, Ralph L., & Co., paints & varnishes, Guardian Bldg., Cleveland, Ohio.
- Fuller & Robinson Co., architects, 95 State, Albany, N. Y.
- Fuller, Samuel B., architect, Pawtucket, R. I.
- Fuller-Saxton Co., paper bag machy., Drexel Bldg., Phila., Pa.
- Fuller, Thos. J. D., architect, 806 17th, N. W., Washington, D. C.
- Fuller, W. C., Co., mill & facty. supplies, Mansfield, Mass.
- Fuller, W. P., & Co., plate glass, varnish, 301 Mission, San Francisco, Cal.
- Fuller-Warren Co., stove mfrs., 930 32d, Milwaukee, Wis., & Troy, N. Y.
- Fuller, Wm., contractor, 83 Adams, Rochester, N. Y.
- Fuller, Wm. A., masons' & bldrs.' matls., sash, door & blind, Clinton, Mass.
- Fuller's Elec. Stone Wks., Utica, N. Y.
- Fuller's, G., Sons, steam engines, machsts. & fndrs., Hallowell, Me.
- Fullerton, Clarence A., architect, 386 5th av, New York.
- Fullerton, D., & Co., meat packers, Paterson, N. J.
- Fullerton Krueger Lumber Co., 915 Lbr. Ex., Minneapolis, Minn.
- Fullerton Lumber Co., Sioux City, Ia.
- Fullerton-Powell Hardwood Lumber Co., South Bend, Ind.
- Fullgraf, C. W., landscape arch., Chemical Bldg., St. Louis, Mo.
- Fullington, E. M., masons' & bldrs.' matls., Clearfield, Pa.
- Fullman, John G., contractor, E. E. Trust Bldg., Pittsburgh, Pa.
- Fullwider & Kernodle, contractors, Lebanon, Ind.
- Fulmer, Bennett R., contractor, Greensburg, Pa.
- Fulmer, C. F., timers, spark, Plainfield, N. J.
- Fulmer & Henderson, masons' & bldrs.' matls., Stenton av., Gtn., Philadelphia, Pa.
- Fulmer, J. H., roof snow guards, Nazareth, Pa.
- Fulper Pottery Co., water filters & coolers, Flemington, N. J.
- Fulton, Allan W., & Co., naval archs., 602 E. Pratt, Balto., Md.
- Fulton Asphalt Co., 53 W. Jackson Blvd., Chicago, Ill.
- Fulton Bag Co., Fulton, N. Y.
- Fulton Bag & Cotton Mills, Atlanta, Ga.
- Fulton Brick & Tile Co., Fulton, Ohio.
- Fulton Brick Wks., Richmond, Va.
- Fulton Bros., contractors, 58 Morton av, Albany, N. Y.
- Fulton & Butler, architects, Uniontown, Pa.
- Fulton, C. E., ship builders, Wilmington, Cal.
- Fulton, C. K., & Co., sash, door & blind, 1428 2d, N., Minneapolis, Minn.
- Fulton Co., machsts. & fndrs., Knoxville, Tenn.
- Fulton Co., auto. horns, 726 Nat. av, Milwaukee, Wis.
- Fulton-Conway & Co., wholesale hardware, Louisville, Ky.
- Fulton Cornice & Skylight Wks., 5 Rivington, New York.
- Fulton County Home Builders, Atlanta, Ga.
- Fulton County Silk Mills, knitted gloves, Gloversville, N. Y.
- Fulton Drop Forge Co., Canal Fulton, Ohio.
- Fulton Engine Wks., Los Angeles, Cal.
- Fulton Fire Brick Co., Fulton, Mo.
- Fulton Foundry Co., 1209 Marquette, Cleveland, Ohio.
- Fulton Fdry. & Mach. Co., 21 Furman, Brooklyn, N. Y.
- Fulton, Geo., Jr., architect, 191 Church, New Haven, Conn.
- Fulton Glass Co., 715 Fulton, Chicago, Ill.
- Fulton, H. K., corn brooms, 107 E. 4th, Wilmington, Del.
- Fulton Hardwood Brass Fdry. Co., South Bend, Ind.
- Fulton Iron Wks., anvil, blocks, upsetters, etc., Detroit, Mich.
- Fulton Iron Works, sugar machy., St. Louis, Mo.
- Fulton Lumber Co., Fulton, Kan.
- Fulton Mach. Co., pulleys, vises, etc., Canal Fulton, Ohio.
- Fulton Mach. & Vise Co., machsts. & fndrs., Lowville, N. Y.
- Fulton Mfg. Co., children's carriages, 1319 S. Mich., Chicago, Ill.
- Fulton Mfg. Co., machinists, Erie, Pa.
- Fulton, Mehring & Hauser Co., whol. hdwe., York, Pa.
- Fulton Packing Co., meat, 820 Fulton, Chicago, Ill.
- Fulton Pit Car Co., Canal Fulton, Ohio.
- Fulton Shoe Polish Co., 289 Pearl, New York.
- Fulton Spec. Co., metal nov. & spec., Fulton, N. Y.
- Fulton Spec. Co., rubber type, Elizabeth, N. J.
- Fulton Stone Co., Fulton, Ohio.
- Fulton Supply Co., mill & facty. supplies, Atlanta, Ga.
- Fulton Supply Co., plumbers' supplies—jobbers, 1600 Fulton, Chicago, Ill.
- Fulton & Taylor, architects, Hippodrome Bldg., Cleveland, Ohio.
- Fulton Tool Co., drills, etc., Huntington, W. Va.
- Fulton Tool Wks., Canal Fulton, Ohio.
- Fulton & Walker Co., ambulances, police wagons, 20th & Filbert, Philadelphia, Pa.
- Fulwider, W. A., Co., lbr. mfrs., Bloomington, Ind.
- Funck, Philip, Corp., machinists, Rochester, N. Y.
- Funda, Henry, contractor, 605 N. Geddes, Syracuse, N. Y.
- Fund Bros. Mfg. Co., machinists, Chicago Heights, Ill.
- Funk, H. E., architect, 253 B'way, New York.
- Funk, J. M., sash, door & blind mfr., Waynesburg, Pa.
- Funk, Jos. P., & Co., meat packers, 1024 N. Main, St. Louis, Mo.
- Funk & Wilcox, architects, 120 Boylston, Boston, Mass.
- Funke, Ferdinand, Sons, paper & pulp mills, Evansville, Ind.
- Funkbouser, R. J., & Co., ties, poles & posts, Hagerstown, Md.
- Funsten Clay Products Co., 55 New Montgomery, San Fran., Cal.
- Funston, Edmund B., Co., architects, Robinson Bldg., Racine, Wis.
- Fuqua Hardware Co., Baton Rouge, La.
- Fuqua, J. J., flour mills, Milan, Tenn.
- Fur Trade Review, 1181 B'way, New York.
- Furber, Stockford & Co., lumber, 89 State, Boston, Mass.
- Furber, Wm. C., architect, 418 Walnut, Philadelphia, Pa.
- Furhman, Louis P., meat packer, 1010 Clinton, Buffalo, N. Y.
- Furlong, Andrew J., scrap iron, Norristown, Pa.
- Furlong, Jas., contractor, Monadnock Bldg., San Francisco, Cal.
- Furlong, Jno. W., & Co., contrs., 46 Benevolent, Providence, R. I.
- Furlow Pressed Brick Co., Los Angeles, Cal.
- Furman Farm Improvement Co., fertilizer, Atlanta, Ga.
- Furnald, John C., machsts. & fndrs., Rochester, N. H.
- Furnam, Edw., brick, Sayreville, N. J.
- Furness Bros. Co., machsts. pumps, etc., 1613 W. Walnut, Chicago, Ill.
- Furness, Evans & Co., architects, Franklin Bk. Bldg., Phila., Pa.
- Furniture Industry, trade publication, Evansville, Ind.
- Furniture Journal, trade publication, 610 S. Dearborn, Chicago, Ill.
- Furniture Mfg. & Artisan, trade publications, Grand Rapids, Mich.
- Furniture World, trade publication, 15 W. 38th, New York.
- Furr & Kerr, flour mills, Broad Run, Va.
- Furrow, Edw., architect, I. O. O. F. Bldg., Springfield, Ill.
- Furst-Clark Construction Co., Fidelity Bldg., Baltimore, Md.
- Furst & Fanning, stone, 946 Kingsbury, Chicago, Ill.
- Furst, John E. K., architect, 624 Madison av, Chicago, Ill.
- Furst-Kerber Cut Stone Co., 2301 S. La Salle, Chicago, Ill.
- Furstenau, Martin C., naval architect, 308 Walnut, Phila., Pa.
- Furstenberg Bros., lbr. mfrs., Saginaw, Mich.
- Furman, Aug. J., cornices, 2453 Walnut, Milwaukee, Wis.
- Fusco, Donato, contractor, Montclair, N. J.
- Fuson Adjustable Shade Co., window shade mfrs., Logansport, Ind.
- Fuss, J. C., grain cradles, Kauffman, Pa.
- Futurity Investment Co., lumber, Bellingham, Wash.
- Fyans, Fraser & Blackway Co., mill & facty. supplies, Fall River, Mass.
- Fyfe, Alex. Co., machinist, 652 W. 44th, New York.
- Fyr-Fyter Co., fire extinguishers, Dayton, Ohio.
- Fyricide Mfg. Co., fire extinguishers, 124 W. 80th, New York.
- Fyster, Weiser & Co. (Ltd.), bark mills, York, Pa.
- Gabbert Lumber Co., Mattoon, Ill.
- Gabel Mfg. Co., poppers (corn), Hawkeye, Ia.
- Gabel Packing Co., meat, 221 N. Peoria, Chicago, Ill.
- Gabell, W. T., masons' & bldrs.' matls., 2308 N. 29th, Phila., Pa.
- Gabelle, Henry C., architect, 1900 Euclid av, Cleveland, Ohio.
- Gable, H. A., whol. hdwe., Harrisburg, Pa.
- Gable House & Carton Co., toys, etc., Met. Bldg., New York.
- Gable, R. F., architect, Bushnell Bldg., Springfield, Ohio.
- Gabler Constr. Co., 114 Leroy, New York.
- Gabler, Ernest, & Bro., pianos, 347 Rider av, New York.
- Gabriel Mfg. Co., horns, shock absorbers, Cleveland, Ohio.
- Gabriel Reinforcement Co., concrete reinf. matls., Penobscot Bldg., Detroit, Mich.
- Gabriel & Schall, chemicals, 205 Pearl, New York.
- Gabriel, W. H., Carriage & Wagon Co., 315 Prospect av, N. W., Cleveland, Ohio.
- Gadabout Motor Corp., 2000 B'way, New York.
- Gaddis, John W., architect, Vincennes, Ind.
- Gade Bros. Mfg. Co., engines, Iowa Falls, Ia.
- Gadfield, C. L., machinist, Millersburg, Ohio.
- Gadley, Carroll, Lbr. Co., Dallas, Tex.
- Gadsden Contracting Co., Savannah, Ga.
- Gadsden Fertilizer & Gin Co., Gadsden, Ala.
- Gadsden Foundry Co., Gadsden, Ala.
- Gadsden Hardware & Supply Co., Gadsden, Ala.
- Gadsden Pipe Co., Gadsden, Ala.
- Gaeller, J. F., & Son, sashes, doors & blinds, Klamath Falls, Ore.
- Gaenslen, Fred'k B., architect, Alamo Bk. Bldg., San Antonio, Tex.
- Gaertner, Otto, architect, 339 Palmer av, Yonkers, N. Y.
- Gaertner, Wm., & Co., laboratory app. & supplies, 5349 Lake Pk. av, Chicago, Ill.
- Gaetjens, Chas. F., embossing inks, 626 4th av, Brooklyn, N. Y.
- Gaffga, J. S., & Co., machsts, Greenport, N. Y.
- Gaffney, B., & Sons, contractors, Saratoga Springs, N. Y.
- Gaffney Constr. Co., 1927 Poplar, Philadelphia, Pa.
- Gaffney, J. J., architect, 437 S. 2nd, Louisville, Ky.
- Gaffney, J. W., Son, contractors, masons' & bldrs.' matls., 427 E. Main, Waterbury, Conn.
- Gaffney Mfg. Co., cotton sheetings, Gaffney, S. C.
- Gaffney Wood Products Co., wood alcohol, Bradford, Pa.
- Gaffy & Keefe Construction Co., 245 Kalamath, Denver, Colo.
- Gage, Carl A., architect, Auditorium Bldg., Minneapolis, Minn.
- Gage, E. E., Mfg. Co., knives, Gardner, Mass.
- Gage, Elbridge G., brick, Dover, N. H.
- Gage Elwell Milling Co., flour, Fulton, N. Y.
- Gage, G. L., Co., masons' & bldrs.' matls., Lawrence, Mass.
- Gage & Gemin, architects, 220 E. 6th, Dayton, Ohio.
- Gage, John S., netting, 510 B'way, New York.
- Gage, L. H., Lbr. Co., 32 Westminster, Providence, R. I.
- Gage Roller Mills, flour, Gage, Okla.
- Gage, S. Edson, architect, 28 E. 49th, New York.
- Gage Structural Steel Co., 3141 S. Hoyne av, Chicago, Ill.
- Gage, Thos. G., Co., contractors, 111 W. Monroe, Chicago, Ill.
- Gage Tool Co., machsts., Vineland, N. J.
- Gage, W. M., lbr. mfrs., 735 W. Green, Louisville, Ky.
- Gager Lime & Mfg. Co., Chattanooga, Tenn.



- Gaggin & Gaggin, architects, University blk, Syracuse, N. Y.  
 Gagley, Jos., & Son, spokes, Baldknob, Ark.  
 Gagnon & Co., contractors, Billings, Mont.  
 Gahagan, Walter H., caisson foundations & contr., 147 Remsen, Brooklyn, N. Y.  
 Gahagan's, J., Sons, sashes, doors & blinds, Hoboken, N. J.  
 Gahan, Wm. G., architect, 254 Huguenot, New Rochelle, N. Y.  
 Gaines, Joseph K., shoe display firms, 467 C, N. W., Washington, D. C.  
 Gaines, L. P., flour, Cave, Ga.  
 Gaines, Thos. P., masons' & bldrs.' matls., Sherburne, N. Y.  
 Gaines, W. A., & Co., distillers, Frankfort, Ky.  
 Gainesville Brick Co., Gainesville, Tex.  
 Gainesville Fdry. & Mach. Wks., Gainesville, Fla.  
 Gainesville Iron Wks., Gainesville, Ga.  
 Gainesville Planing & Coffin Co., Gainesville, Fla.  
 Gainesville Roller Mills Co., flour, Gainesville, Ga.  
 Gair & Binderup, Denver, Colo.  
 Gair, Robert, Co., packing & corrugated paper & boxes, labels, etc., Washington & Water, Brooklyn, N. Y.  
 Gaiser, W. H., carriages, Wichita, Kans.  
 Gaisford, Jno., architect, Goodwyn Institute Bldg., Memphis, Tenn.  
 Gaites, Peace & Co., elec. light fix. mfrs., 204 Willoughby, Brooklyn, N. Y.  
 Galanskv, Thos., scrap iron, Alliance, Ohio.  
 Galard Co., bath room fix., 327-341 6th av, Newark, N. J.  
 Galber, John, contractor, Seattle, Wash.  
 Galbert, Thos., brick, West Farmington, Me.  
 Galbraith, B. G., asphalt paving contrs., Harrisburg, Pa.  
 Galbraith, Bacon & Co., masons' & bldrs.' matls., Seattle, Wash.  
 Galbraith & Bowers, contractors, 177 La Porte av, Chicago, Ill.  
 Galbraith, John, pkg. box mfrs., 619 Commerce, Phila., Pa.  
 Galbraith Paving Co., 3732 Old York rd, Philadelphia, Pa.  
 Galbraith, T. J., architect, Slaughter Bldg., Dallas, Tex.  
 Galbraith, W. A., cornices & skylights, Opelika, Ala.  
 Goldsmith, M. W., lbr., Chester, N. H.  
 Gale, Conrad H., packing box, Tully, Mass.  
 Gale Mfg. Co., agricultural implements, Albion, Mich.  
 Gale, O. Milton, machsts., Syracuse, N. Y.  
 Galena Clay Products Co., Galena, Ohio.  
 Galena Foundry & Machine Co., Galena, Kans.  
 Galena Iron Works Corp., machsts. & fndrs., Galena, Ill.  
 Galena Signal Oil Co., Franklin, Pa.  
 Galesburg Coulter Disc Co., agric. impts., Galesburg, Ill.  
 Galesburg Machine Works, Galesburg, Ill.  
 Galesburg Malleable Castings Co., Galesburg, Ill.  
 Galesburg Sheet Metal Works, ventilators, Galesburg, Ill.  
 Galesburg Spec. Wks., lawn mower oilers, Galesburg, Ill.  
 Galesburg Writing Mach. Co., machsts. & fndrs., Galesburg, Ill.  
 Galeson Stave & Heading Co., cooperage stock, Galeson, Pa.  
 Galewski, A., & Son, bags, boxes, belts, straps, etc., 453 Broome, New York.  
 Galewski, David, traveling bags, 181 Mercer, New York.  
 Galewski, S., traveling bags, 261 Canal, New York.  
 Galey Hardware Co., Chester, Pa.  
 Galigher Machinery Co., Salt Lake City, Utah.  
 Gallon Brass & Bronze Co., Gallon, Ohio.  
 Gallon Dynamic Motor Truck Co., Gallon, Ohio.  
 Gallon Handle & Mfg. Co., Gallon, Ohio.  
 Gallon Iron Wks. Co., Gallon, Ohio.  
 Gallon Iron Works & Mfg. Co., machsts. & fndrs., Gallon, Ohio.  
 Gallon Lumber Co., Gallon, Ohio.  
 Gallon Metallic Vault Co., Gallon, Ohio.  
 Gall, Chas. H., granite, 127 N. Dearborn, Chicago, Ill.  
 Gall Cure Collar Pad Co., Richmond, Ind.  
 Gall, H. L. C., architect, 10 E. 14th, New York.  
 Gall, Jas. E., machsts. & fndrs., Wakarusa, Ind.  
 Gall, Wm., stone producers, Ableman, Wis.  
 Gallagher, B., & Son, contractors, 134 B'way, Brooklyn, N. Y.  
 Gallagher, Bernard, drills, Lynn, Mass.  
 Gallagher Bros., masons' & bldrs.' matls., Wallingford, Conn.  
 §Gallagher Bldg. Co., contractors, 257 Courtland, Bridgeport, Conn.  
 Gallagher & Co., contractors, 501 W. 145th, New York.  
 Gallagher, D. F., & Co., arch. iron, 37 Commercial whf., Boston, Mass.  
 Gallagher, Dan'l J., Mfg. Co., cotton waste, 513 S. Clinton, Chicago, Ill.  
 Gallagher, E. J., contractor, Crocker Bldg., San Francisco, Cal.  
 Gallagher, Frank J., contractor, 490 Park pl., Brooklyn, N. Y.  
 Gallagher, John, Co., contr. tents, Madison, Wis.  
 Gallagher Mfg. Co., machsts., Lynn, Mass.  
 Gallagher, P. J., glass, mirrors, etc., 24 New Chambers, New York.  
 Gallagher's, Jas., Sons, brass fndrs., 87 Centre, New York.  
 Gallaher, Louis, Co., masons' & bldrs.' matls., Savannah, Ga.  
 Gallaher & Speck, freight elevators & heating contrs., 215 Congress, Chicago, Ill.  
 Galland-Henning Mfg. Co., hydraulic presses, etc., Railway Exchange Bldg., Milwaukee, Wis.  
 Galland-Henning Pneumatic Matting Drum Co., 1103 Ry. Exch. Bldg., Milwaukee, Wis.  
 Gallaudet Aircraft Corp., 47 W. 34th, New York.  
 Gallaway, A. T., rye & wheat flour, Oakdale, Neb.  
 Gallaway, G. W., lubrg. oils, 322 Pearl, New York.  
 Gallaway & Wagner, carriages, 303 W. 53d, New York.  
 Gallery, John J., contractor, 133 W. Washington, Chicago, Ill.  
 Galle, W. F., & Co., lbr., 1262 Budd, Cincinnati, Ohio.  
 Galley Bros., carriages, Mount Pleasant, Pa.  
 Gallick, Jos., contractor, 469 Concord av, New York.  
 Gallie Machine Works, 429 Tehama, San Francisco, Cal.  
 Galligan, Thos., Inc., contractor, 518 E. 23rd, New York.  
 Galliher, C. F., architect, Bell Bldg., Montgomery, Ala.  
 Gallin, Jno., & Son, contractors, 6 Gold, New York.  
 Gallison, F. L., fndr. & castings, Lawrence, Mass.  
 Gallison, Wm. H., Co., mill & facty. supplies, plumbers' supplies, jobbers, 399 Atlantic av, Boston, Mass.  
 Gallivan Building Co., Greenville, S. C.  
 Gallivan, Jerry A., heating contrs., Muncie, Ind.  
 Gallivan, P. H., brick, Danvers, Mass.  
 Galloup, J. O., mill & facty. supplies, Battle Creek, Mich.  
 Galloway, Jas., Co., wholesale hdwe., 121 W. Pratt, Balto., Md.  
 Galloway, Kennedy Co., plow beams & wagon wheels, Clarendon, Ark.  
 Galloway, P. W., contractor, Racine, Wis.  
 Galloway-Pease Co., lbr. mfrs., Saginaw, Mich.  
 Galloway, R. L., flour mills, Falmouth, Ky.  
 Galloway Terra Cotta Co., fountains, etc., 3202 Walnut, Philadelphia, Pa.  
 Galloway, Wm., Co., agricultural implements, Waterloo, Ia.  
 Galloy & Van Etten, stone, 11756 S. Halsted, Chicago, Ill.  
 Gallum & Weltzien, cornices, 845 Kinncikinnic av, Milwaukee, Wis.  
 Gallup Hdwe. Co., mill & facty. supplies, Cortland, N. Y.  
 Gallup Ruffing Handle Co., Norwalk, Ohio.  
 Galpin's, Alfred, Sons, wholesale hdwe., Appleton, Wis.  
 Galusha, A. L., & Co., 11 Elkins, Boston, Mass.  
 Galusha Stove Co., 167 Court, Rochester, N. Y.  
 Galva Heater Co., corn planters, Aurora, Ill.  
 Galva Heater Co., Galva, Ill.  
 Galvanized Products Co., hardware mfrs., Phillipsburg, N. J.  
 Galveston Creosoting Co., Galveston, Tex.  
 Galveston Wharf Co., Galveston, Tex.  
 Galvin, A. J., contractor, Lennox Bldg., Cleveland, Ohio.  
 Gamage, J. W., & Co., masons' & bldrs.' matls., Norfolk, Va.  
 Gamage, John O., masons' & bldrs.' matls., Norfolk, Va.  
 Gamble Bros., lumber, Highland Park, Ky.  
 Gamble Const. Co., 620 Chestnut, St. Louis, Mo.  
 Gamble, Gheen & Co., flour mills, Bellefonte, Pa.  
 Gamble Hardware Co., Wetumpka, Ala.  
 Gamble, Jas., contractor, 15 William, New York.  
 Gamble Lumber Co., Brewster, Wash.  
 Gamble, R. L., architect, Topeka, Kans.  
 Gamble, Samuel, Co., contractors, Carnegie, Pa.  
 Gamble & Stockton Co., brick, Jacksonville, Fla.  
 Gambrill, C. A., Mfg. Co., flour mills, 104 Commercial, Baltimore, Md.  
 Gambrill & Melville Mills Co., towels, Havre De Grace, Md.  
 Gamer Co., machinists & fndrs., Fort Worth, Tex.  
 Gamewell Fire Alarm Tele. Co., elec. bells, fire alarm insts., machsts. & fndrs., 70 E. 45th, New York.  
 Gammeter, W. F., furnaces, Cadiz, Ohio.  
 Gammino, Frank A., contrs., 331 B'way, Providence, R. I.  
 Gamon Meter Co., mchsts. & fndrs., 282 South, Newark, N. J.  
 Gamp, Hy. S., contractor, 1935 Clinton av, New York.  
 Gamwell, C. C., masons' & bldrs.' matls., Pittsfield, Mass.  
 Ganado Mill & Elevator Co., rice, Ganado, Tex.  
 Ganahl, C., Lumber Co., Los Angeles, Cal.  
 Ganai Lumber Co., Newstead & Duncan, St. Louis, Mo.  
 Gandy (The) Belting Co., belting manfrs., 749 W. Pratt, Baltimore, Md.  
 Gandy, Wm. H. (Estate of), paper-cotton tissue, Lambertville, N. J.  
 Gangelhoff Bros., bedsteads, 909 S. 2d, Minneapolis, Minn.  
 Gangewere, Wm. H., & Co., contractors, Allentown, Pa.  
 Gangwer & Co., machsts., La Porte, Ind.  
 Gannaway, Jno. E., & Co., wholesale hardware, Lynchburg, Va.  
 Gannon Bros., contractors, West Newton, Mass.  
 Gannon, Michael G., granite producers, Concord, N. H.  
 Gano, Moore & Co., pig iron dlrs., Land Title Bldg., Phila., Pa.  
 Ganos & Smith, turpentine, Huntington, Fla.  
 Gans Bros., umbrella mfrs., 100 Hanover, Baltimore, Md.  
 Ganschow, Wm., & Co., gear cutters, 1001 Washington blvd., Chicago, Ill.  
 Ganter, F. X., & Co., store fixtures, cor. Sharp & Ostend, Baltimore, Md.  
 Gantner & Matten Co., sweaters, etc., Grant av & Post, San Francisco, Cal.  
 Gantner, Wm., Co., cornices & skylights, 9 Del Ray, Pittsburgh, Pa.  
 Gantt Mfg. Co., agricultural implements, Macon, Ga.  
 Gara-McGinley Co., steel awnings, ceilings, cornices & skylights, etc., 23 S. 17th, Philadelphia, Pa.  
 Garber & Cowles, contractors, South Bend, Ind.  
 Garber, I. C., contractor, Jackson, Miss.  
 Garber, Jos. S., brick, Pottstown, Pa.  
 Garber Mill & Elevator Co., flour, Garber, Okla.  
 Garber & Wilbarger Co., machsts., Harrisonburg, Va.  
 Garber & Woodward, architects, Union Central Bldg., Cincinnati, Ohio.  
 Garbutt & Weidner, architects, Casper, Wyo.  
 Gard Pattern Co., Denver, Colo.  
 Gardam, Wm., & Son, machsts., 114 Park pl., New York.



Garden City Canning Co., Provo, Utah.  
 Garden City Chandelier Co., 552 W. Jackson blvd., Chicago, Ill.  
 Garden, Edw. G., architect, Phelan Bldg., San Francisco, Cal.  
 Garden City Fan Co., blowers, exhaust fans, etc., machsts. & Fndry., 332 S. Michigan, Chicago, Ill.  
 Garden City Feeder Co., Pella, Ia.  
 Garden City Laboratory, disinfectants, soldering flux, etc., 161 W. Harrison, Chicago, Ill.  
 Garden City Plating & Mfg. Co., 1430 S. Talman av, Chicago, Ill.  
 Garden City Pottery Co., San Jose, Cal.  
 Garden City Sand Co., Chamber of Commerce Bldg., Chicago, Ill.  
 Garden City Spring Wks., 2300 Archer, Chicago, Ill.  
 Garden City Tablet Co., pads, Elkhart, Ind.  
 Garden, F. M., & Co., contractors, 251 Kearney, San Francisco, Cal.  
 Gardner Machine Co., disc grinders, Beloit, Wis.  
 Gardiner, Beardsell & Co., shoe counters, 50 Lincoln, Boston, Mass.  
 Gardiner, Clarence H., architect, Rensselaer, N. Y.  
 Gardiner, E. W., mill & facty. supplies, Amsterdam, N. Y.  
 Gardiner, Hy., granite producers, Millstone, Conn.  
 Gardiner Metal Co., 1364 W. Lake, Chicago, Ill.  
 Gardiner Mill Co., lumber, 16 California, San Francisco, Cal.  
 Gardiner Paint Co., 25 W. B'way, New York.  
 Gardiner Storage Battery Co., 2329 S. Wabash av, Chicago, Ill.  
 Gardiner, Thos. W., & Sons, wooden shoe lasts, Lynn, Mass.  
 Gardiner, W. B., Co., masons' & bldrs.' matls., Annapolis, Md.  
 Gardner, A. D., flour, Stayton, Ore.  
 Gardner, B. M., Co., metals, Citizens' Bldg., Cleveland, Ohio.  
 Gardner Broom Co., Amsterdam, N. Y.  
 Gardner Bros., flour mills, Leetown, W. Va.  
 Gardner-Bryan Co., machsts. & fndrs., Williamson Bldg., Cleveland, Ohio.  
 Gardner Carburetor & Brass Works, Shreveport, La.  
 Gardner, Clarence, architect, Penn Mutual Bldg., Phila., Pa.  
 Gardner, Colin, Paper Co., Middletown, Ohio.  
 Gardner & Co., soap, 222 E. 34th, New York.  
 Gardner Crusher Co., 1842 B'way, New York.  
 Gardner, David P., & Son, sash, door & blind mfrs., 49 Fleet pl, Brooklyn, N. Y.  
 Gardner & Doughtie, contractors, Columbus, Ga.  
 Gardner, E. C. & G. C., architects, 33 Lyman, Springfield, Mass.  
 Gardner, E. J., Axle & Mach. Co., Carlisle, Pa.  
 Gardner Elec. Drill & Machy. Co., Cleveland, Ohio.  
 Gardner, Everett M., architect, 198 Hollywood av, Lowell, Mass.  
 Gardner General Foundry Co., Gardner, Mass.  
 Gardner Governor Co., engines, pumps, regulators, etc., 23 Williamson, Quincy, Ill.  
 Gardner Grate Co., gauge glass protectors, 21 Burgess, Boston, Mass.  
 Gardner, H. S., architect, Ackerman Bldg., Binghamton, N. Y.  
 Gardner Hardware Co., 304 Henn av, Minneapolis, Minn.  
 Gardner-Harvey Paper Co., Middletown, Ohio.  
 Gardner, I. E., masons' & bldrs.' matls., Hackensack, N. J.  
 Gardner, J. H., architect, Fort Scott, Kans.  
 Gardner, Jas. Jr., Co., fire brick, gas retort benches, etc., Bolivar, Pa.  
 Gardner, John M., architect, Granby Bldg., Cedar Rapids, Ia.  
 Gardner, Jos., cornices, Indianapolis, Ind.  
 Gardner, L. H., Paper Co., Mumford, N. Y.  
 Gardner, Louis M., architect, Phelan Bldg., San Francisco, Cal.  
 Gardner, M. B. & L. B., brick, Hackensack, N. J.  
 Gardner Machine Works, Gardner, Mass.  
 Gardner & Meeks Co., masons' & bldrs.' matls., Guttenburg, N. J.  
 Gardner Mill Co., sash, door & blind mfrs., 2415 Elston av, Chicago, Ill.  
 Gardner, O. C., lumber mfrs., West Burlington, N. Y.  
 Gardner Paper Board Co., Middletown, Ohio.  
 Gardner, Peterman & Co., lumber mfrs., Saginaw, Mich.  
 Gardner, R., Electrical Works, forge blowers, 1712 Columbus rd, Cleveland, Ohio.  
 Gardner, Robt. W., 43 Cedar, New York.  
 Gardner, S. J., Fdry. & Machine Co., New Albany, Ind.  
 Gardner Sash Pulley Co., hdwe. mfrs., 15 N. Jeff., Chicago, Ill.  
 Gardner, T. W., architect, Stahlman Bldg., Nashville, Tenn.  
 Gardner, William, & Co., naval architects, 1 B'way, New York.  
 Gardner Wire Co., auto. belts, 5646 Race av, Chicago, Ill.  
 Gardner Wood Co., lumber, 175 5th av, New York.  
 Gareczky, A., sashes, doors & blinds, Boise, Idaho.  
 Garetson-Grease Lbr. Co., cypress & gum, St. Louis, Mo.  
 Garetson Mfg. Co., mattresses, San Diego, Cal.  
 Garey & Co., canned goods, Denton, Md.  
 Garfield, Abram, architect, Garfield Bldg., Cleveland, Ohio.  
 Garfield Bronze & Iron Works, Garfield, N. J.  
 Garfield Fire Clay Co., Robinson, Pa.  
 Garfield Smelting Co., Salt Lake City, Utah.  
 Garford Engrg. Co., Elyria, Ohio.  
 Garford Mfg. Co., elec'l horns, talking machines, elec. lighting system, Elyria, Ohio.  
 Garford Motor Car Co., Lima, O.  
 Garl Electric Co., Akron, O.  
 Garland, F. V., Co., trunks, 98 E. 5th, St. Paul, Minn.  
 Garland, M., Co., machsts. & fndrs., Bay City, Mich.  
 Garland Mfg. Co., textile machy., supplies, Saco, Me.  
 Garland Nut & Rivet Co., Lawrence County, W. Pittsburgh, Pa.  
 Garlock Packing Co., Palmyra, N. Y.  
 Garman, A. St. Clair, lbr., 8th, Bel. Diamond, Philadelphia, Pa.

Garman Bros., arch'l iron, 322 E. 75th, New York.  
 Garman, N. H., & Bro., contractors, Reading, Pa.  
 Garmen, C., & Sons, contractors, New Brighton, Pa.  
 Garmen & Forkenbrock, cornices & skylights, New Hampton, Ia.  
 Garmo Co., sash, door & blind mfrs., Keokuk, Iowa.  
 Garmroth, Geo., brick, Payne, O.  
 Garner-Blakely Co., canned goods, Cairo, Ga.  
 Garner Brick Wks., Haverstraw, N. Y.  
 Garner Bros., canned goods, Lewisetta, Va.  
 Garner, J. J., cornices & skylights, Seattle, Wash.  
 Garner Ventg. Co., 136 Liberty, New York.  
 Garnet Co., special oil manfrs., Allentown, Pa.  
 Garnet, Geo. H., Co., soaps and disinfectants, Allentown, Pa.  
 Garnett Corey Hardware Co., Medford, Ore.  
 Garnich, Emil, & Sons Hardware Co., Ashland, Wis.  
 Garnier, Emile, masons' & bldrs.' matls., 1601 Robertson, New Orleans, La.  
 Garnier, Joe I., heating contractor, Chattanooga, Tenn.  
 Garnjost Constr. Co., Yonkers, N. Y.  
 Garnjost, F. A., contractor, Yonkers, N. Y.  
 Garms, W. H., architect, Fletcher Sav. & Trust Bldg., Indianapolis, Minn.  
 Garnsey, Leigh G., contractor, 108 W. 6th, Los Angeles, Cal.  
 Garon, I., sweaters, etc., Duluth, Minn.  
 Garot Bros., heating contractors, Green Bay, Wis.  
 Garot, Edw., contractor, Green Bay, Wis.  
 Garbrandt, Wm. E., architect, 566 Main, East Orange, N. J.  
 Garrabrant Bros., brick, Funk, Neb.  
 Garrahan Canning Co., Luzerne, Pa.  
 Garrahan, P. F., cornices, Altoona, Pa.  
 Garrard Milling Co., flour, Lancaster, Ky.  
 Garratt-Callahan Co., packing mfrs., boiler compounds & metal polish, 30 Fremont, San Francisco, Cal.  
 Garratt, W. T., & Co., engines, 299 Fremont, San Francisco, Cal.  
 Garraty & Co., cornices, 1629 Ransted, Philadelphia, Pa.  
 Garren & Hines, boilers, Muscatine, Ia.  
 Garrett, Bryant, flour, Lena, Miss.  
 Garrett, C. S., & Son Co., paper & pulp mills, 20 S. Marshall, Philadelphia, Pa.  
 Garrett, E., paper & pulp mills, Chester, Pa.  
 Garrett, Edwin T., Co., paper & pulp mills, Lansdowne, Pa.  
 Garrett-Elliott Hdwe. & Heating Co., Denver, Colo.  
 Garret Go-Cart & Carriage Co., 1728 Arcade pl, Chicago, Ill.  
 Garrett, J. G., & Son, architects, Gainesville, Tex.  
 Garrett, J. T., bldg. contr., Fullerton Bldg., St. Louis, Mo.  
 Garrett, Jas., & Co., masons' & bldrs.' matls., 1432 S. Penn sq, Philadelphia, Pa.  
 Garrett, T. H., Lumber Co., Chemical Bldg., St. Louis, Mo.  
 Garrett, Urias E., architect, Danville, Ill.  
 Garrett, W. D., & Co., mill & facty, supplies, 136 Liberty, New York.  
 Garrett, W. S., architect, Currier Bldg., Los Angeles, Cal.  
 Garrett, Wilbur R., contractor, 1416 F. N. W., Washington, D. C.  
 Garrett, Wm., wagon spokes, Canandaigua, N. Y.  
 Garretts, Hy. G., & Son, plate glass, Quincy, Ill.  
 Garrigies, C. G., Mach., Co., Bristol, Conn.  
 Garrison, A., Fdry. Co., hot sawing machs., 901 Bingham, Pittsburgh, Pa.  
 Garrison Brass & Mach. Wks., 149 W. 35th, New York.  
 Garrison Bros. Co., tobacco transplanters, Bridgeton, N. J.  
 Garrison, G. B., contractor, Rochester, N. Y.  
 Garrison, J. H. (Est. of), masons' & bldrs. matls., Tully, N. Y.  
 Garrison, John D., contractor, 1435 Chestnut, Phila., Pa.  
 Garrison Mach. Wks., Dayton, Ohio.  
 Garry Iron & Steel Co., cornices, 615 St. Clair av, N. W., Cleveland, & Niles, Ohio.  
 Garry, Jos., & Son, contractors, 418 E. 25th, New York.  
 Garst, J. B., canned goods, Roanoke, Va.  
 Garstang, Chas. E., architect, Black Bldg., Los Angeles, Cal.  
 Gartelmann, Herman, & Co., machsts., 246 Canal, New York.  
 Gartland Fdry. Co., Terre Haute, Ind.  
 Gartland, P. J., contractor, 74 Spencer, San Francisco, Cal.  
 Gartman, C. C., mach. & fdr., Denver, Colo.  
 Gartman, W. D., cornices & skylights, Columbus, Ga.  
 Gartner, F. B., architect, Prudential Bldg., San Antonio, Tex.  
 Garton Toy Co., Sheboygan, Wis.  
 Garton, W. R., Co., trolley line materials, mine supplies, etc., 17 S. Desplaines, Chicago, Ill.  
 Gartrell, J. Burgess & Co., contractors, 2160 Hollins, Baltimore, Md.  
 Gartside, Benj. W., Jr., architect, Lane Bldg., Davenport, Ia.  
 Gartside, W. N., fndry. supplies, Richmond, Ind.  
 Gartside's Iron Rust Soap Co., 4054½ Lancaster, Phila., Pa.  
 Garver, Wm. L., architect, Neosho, Mo.  
 Garvey Bros., contractors, 1911 White Plains rd, New York.  
 Garvey, James, contractor, New Castle, Ind.  
 Garvin & Co., cornices, Elkhart, Ind.  
 Garvin Machine Co., machinery mfrs., 147 Varick, New York.  
 Garvin, Michael J., architect, 3307 3d av, New York.  
 Garwood Gas Lamp & Heater Co., Canton, Ohio.  
 Gary Construction Co., Gary, Ind.  
 Gary, James S., & Son, cotton duck mfrs., Baltimore, Md.  
 Gary Motor Truck Co., Gary, Ind.  
 Gary Screw & Bolt Co., Gary, Ind.  
 Gary, Theo. H., Co., chair seats, porch shades, 67 Irving pl, New York.  
 Gas Age, trade publication, 52 Vanderbilt av, New York.



- Gas Consumers' Assn., elec. light fix. mfrs., 467 O'Farrell, San Francisco, Cal.
- Gas-Elec. Motorbus Corp., storage battery trucks, 20th & Av B, New York.
- Gas Energy Co., trade publication, 55 Duane, New York.
- Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, N. Y.
- Gas Engng. Co., Trenton, N. J.
- Gas Fixture & Brass Co., elec. & gas, Cleveland, Ohio.
- Gas Machinery Co., 1900 Euclid, Cleveland, Ohio.
- Gas Power Engng. Co., 213 North av, Milwaukee, Wis.
- Gas Tip & Self-Lighter Co., 1 B'way, New York.
- Gasau-Thompson Co., bedstead mfrs., 10 Ashland pl, Bklyn., N. Y.
- Gasco Protector Co., respirators, protectors, etc., 1103 North av, Waukegan, Ill.
- Gascoigne & Goddard, contractors, 19 Milk, Boston, Mass.
- Gascoyne & Co., chemists, 27 S. Gay, Baltimore, Md.
- Gaskell, Wm., & Son, bolt, nut & rivet mfrs., 59 Freeman, Brooklyn, N. Y.
- GASKET SUPPLY CO.**, gaskets, washers & sheet metal stamping, 1927 Ludlow, Philadelphia, Pa.  
*See adv index at end of book.*
- Gaskill Hardware Co., Newbern, N. C.
- Gaskin, Edw., naval architect, Buffalo, N. Y.
- Gaskin & Hentz, turpentine, Buckhorn, Fla.
- Gaspardo Bros., granite, Barre, Vt.
- Gass, Anthony, cornices & skylights, La Crosse, Wis.
- Gass, John, architect, 600 Hastings, Pittsburgh, Pa.
- Gass, John H., sash, door & blind mfr., 601 Sackett, Bklyn., N. Y.
- Gasser, Chas., contractor, 814 W. Cary, Richmond, Va.
- Gassner, A., & Son, contractors, Utica, N. Y.
- Gast, A. A., & Son, brick, Akron, Ind.
- Gastmeyer, Chas., architect, 1652 Myrtle av, Brooklyn, N. Y.
- Gaston, G. G., lumber, Tionesta, Pa.
- Gaston Canning Co., Gaston, Ind.
- Gaston Mfg. Co., cotton sheeting, Cherryville, N. C.
- Gastonia Cotton Mfg. Co., Gastonia, N. C.
- Gaston's, N. B., Sons Co., pitless scales, Beloit, Wis.
- Gatchett, A., & Son, contractors, New Philadelphia, Ohio.
- Gate City Coffin Co., Atlanta, Ga.
- Gate City Fence Works, Atlanta, Ga.
- Gate City Mach. Wks., Kansas City, Mo.
- Gatterdam, Fred E., brewery architect, 154 W. Randolph, Chicago, Ill.
- Gateman Mfg. Co., agricultural implements, machsts., Manitowoc, Wis.
- Gates Bros. Co., lbr. mfrs., Union City, Ga.
- Gates, Chas. M., architect, Ideal Bldg., Denver, Colo.
- Gates, Ernest H., architect, Twin Falls, Idaho.
- Gates, F. E., Marble & Tile Co., Indianapolis, Ind.
- Gates Fdry. Co., machsts. & fndrs., Wilkes-Barre, Pa.
- Gates, H. M., & Son, machinists, Houlton, Me.
- Gates, J. J., & Co., common brick, Ashland, Ky.
- Gates Lumber Co., Wilmar, Ark.
- Gates Mfg. Co., auto. tops, Indianapolis, Ind.
- Gates, N. S., & Son, cornices, Findlay, Ohio.
- Gatlin, W. R., architect, Hopkinsville, Ky.
- Gatti, T. C., machst. & fndr., Pascagoula, Miss.
- Gaudalupe Valley Cotton Mills, sheetings, Cuero, Tex.
- Gauger, A. F., architect, Scandinavian Am. Bk. Bldg., St. Paul, Minn.
- Gauger, Jno. A., & Co., sash, door & blind mfrs., etc., 1434 W. 22d, Chicago, Ill.
- Gauger, Wm., architect, 36 W. Randolph, Chicago, Ill.
- Gaul, Hermann J., architect, 111 W. Washington, Chicago, Ill.
- Gauld Co., mill & facty. supplies, plumbers' supplies, jobbers, 69 N. 12th, Portland, Ore.
- Gauld, Joseph H., contractor, 15 Bruce, Boston, Mass.
- Gault, Edw. E., architect, Lafayette, Ind.
- Gault, Wm. A., & Son, masons' & bldrs.' matls., 9 E. Lexington, Baltimore, Md.
- Gaumer, E. B., & Sons, carriages, Urbana, Ohio.
- Gaumont Co., moving picture films, Congress av, Brooklyn, N. Y.
- Gauntt, F. G., Mfg. Co., mill & facty. supplies, Fort Wayne, Ind.
- Gaus, Hy., & Sons Mfg. Co., sash, door & blind mfrs., Main & Clinton, St. Louis, Mo.
- Gausckow, Wm., & Co., gear cutters, 1001 Washington blvd., Chicago, Ill.
- Gause & Lynch, architects, Wilmington, N. C.
- Gauthier, August, contractor, Hancock, Mich.
- Gautier, J. H., & Co., crucible, fire & clay brick, gas retorts, etc., Jersey City, N. J.
- Gavigan, Jas. J. F., architect, 1123 Broadway, New York.
- Gavin & Doris, contractors, 273 Grand, Jersey City, N. J.
- Gavin Hardware Co., Leominster, Mass.
- Gavin, Jos., mattresses, 1133 S. 8th, Philadelphia, Pa.
- Gavin Mirror & Art Glass Wks., mfrs., Home Bldg., Milwaukee, Wis.
- Gavin, Stephen T., Lbr. Co., 6400 Easton av, St. Louis, Mo.
- Gawn, D., architect, 11619 Detroit av, Cleveland, Ohio.
- Gawthrop, Allen, Jr., hydraulic rams, Wilmington, Del.
- Gawthrop, Jos. R., fertilizer mfr., Kennett Square, Pa.
- Gay, David S., tow, Winchester, Ky.
- Gay, E. L., Mach. Co., auto. tools, Southbridge, Mass.
- Gay, Fred E., belt lacing, Thornton, R. I.
- Gay, Geo. E., machst. & fndr., Augusta, Me.
- Gay, Henry Lord, architect, McNeece Bldg., San Diego, Cal.
- Gay, J. E., & Co., carriages, Easthampton, N. Y.
- Gay, John L., lumber, Suffolk, Va.
- Gay Mfg. Co., lamp cord adjusters, Rochester, N. Y.
- Gay Oil Co., Little Rock, Ark.
- Gay & Proctor, architects, 50 Bromfield, Boston, Mass.
- Gay, S. C., Co., spring wagons, Ottawa, Ill.
- Gayan Machine Shops, machsts. & fndrs., Logan, W. Va.
- Gaydoul Gold Pen Co., 50 John, New York.
- Gager Lime & Mfg. Co., Chattanooga, Tenn.
- Gayle, M. W., masons' & bldrs.' matls., Newport News, Va.
- Gaylord Bros., bags & bagging, Syracuse, N. Y.
- Gaylord & Butler Co., steam fitters' supplies, Scranton, Pa.
- Gaylord, Chas. E., mechanical draftsman, Marquette Bk., Chicago, Ill.
- Gaylord & Eitepence Co., machinery dealers, mill & facty. supplies, 179 Washington, Binghamton, N. Y.
- Gaylord Sanitary Mfg. Co., plumbing fixtures, Rochester, N. Y.
- Gayner Glass Wks., glass bottles, Salem, N. J.
- Gaynor Contracting Co., wood block paving contrs., Scranton, Pa.
- Gaynor Elec. Bulb Manipulator Co., incandescent lamp replacers, 24 Wooster, New York.
- Gaynor Mfg. Co., machinists, Bridgeport, Conn.
- Gaynor, Michael, brick, 30th & Moris, Philadelphia, Pa.
- Gaynor, P. F., brass castings, Albany, N. Y.
- Gayoso Oil Works, Memphis, Tenn.
- Gazzam, H. P., Machine Co., machsts. & fndrs., 32d & Penn av, Pittsburgh, Pa.
- G. B. Garage & Mfg. Co., valve reseating tools, Hempstead, N. Y.
- G. & C., Foundry Co., Sandusky, Ohio.
- G. & D. Mfg. Co., machinists, Streator, Ill.
- Geaber, Jos. F., & Bro., fertilizer mfrs., Narragansett Pier, R. I.
- Geake, Wm., stone producers, Ft. Wayne, Ind.
- Gealy Wrench & Mfg. Co., Grove City, Pa.
- Gear Grinding Mach. Co., Detroit, Mich.
- Geare, R. W., architect, Woodward Bldg., Washington, D. C.
- Gearhart, A. W., burners, Fresno, Cal.
- Gearhart Knitting Mach. Co., tex. machy., supplies, etc., Clearfield, Pa.
- Gearhart, Wm. L., & Son, founders, McEwensville, Pa.
- Gearing Bros. Co., Ltd., contractors, 15th & M. C. R. R., Detroit, Mich.
- Gearless Automatic Pump Co., machinists, Rock Island, Ill.
- Geary, Andrew J., plumbers' supplies, jobbers, 9311 Baltimore av, Chicago, Ill.
- Geary County Lumber Co., Junction City, Kan.
- Geary, Jas., contractor, Perrin Bldg., New Orleans, La.
- Geary, L. E., naval arch., Pier 1, Seattle, Wash.
- Geary Milling & Elevator Co., flour, Geary, Okla.
- Geary, Walter N., architect, 7528 Commercial, New Orleans, La.
- Geauga Mfg. Co., nail bins, Painesville, Ohio.
- Geauga Silica Sand Co., 367 Col. Arcade, Cleveland, Ohio.
- Gebhardt Chili Powder Co., canned goods, San Antonio, Tex.
- Gebhardt, H. J., machinist, 343 S. Dearborn, Chicago, Ill.
- Gebhardt, John, & Son, contractors, 1825 Orchard, Chicago, Ill.
- Gebhardt, Morow & Co., contractors, Alpena, Mich.
- Gebhart, R. E., architect, Callahan Bk. Bldg., Dayton, Ohio.
- Gebhart, S. T. & G. A., Co., wholesale hdwe., Dayton, Ohio.
- Gebhart-Wiuchet Lbr. Co., Dayton, Ohio.
- Gebert Shingle Co. (Ltd.), New Iberia, La.
- Gedaroleum Co., rust preventives, liquid soap, Perkinsville, Vt.
- Geddes, Jas., & Co., coffee mills, 353 Market, San Fran., Cal.
- Geddes, Jos., vent. mfrs., Rochester, N. Y.
- Gedge Bros. Iron Roofing Co., Anderson, Ind.
- Gedge-Gray Co., paint mixers, Lockland, Ohio.
- Gedig, Albert E., architect, Knoxville, Tenn.
- Gedney, M. A., Co., canned goods, Minneapolis, Minn.
- Gedney, Wm. N., contrs., 11th & Main, Kansas City, Mo.
- Gee, Chas. E., machsts., Lowell, Mass.
- Gee Elec. Co., elec. supplies for mines and industrial plants, 18 14th, Wheeling, W. Va.
- Gee, John W., & Son, contractors, Syracuse, N. Y.
- Geele, F., Hardware Co., Sheboygan, Wis.
- Geer, Harry R., Co., 858 McLaren av, St. Louis, Mo.
- Geerin Bros. & Co., steam fitters' supplies, 422 E. 8th, Cincinnati, Ohio.
- Geesenheimer & Co., chemicals, 134 Cedar, New York.
- Geeslin, Jos., contractor, Bellevue, Ky.
- Geforer, C., & Son, machsts., 1017 Ridge, Philadelphia, Pa.
- Gehl Bros. Mfg. Co., agricultural implements, West Bend, Wis.
- Gehr, H. W., machsts. & fndrs., Wadena, Minn.
- Geher, Fischer & Co., cornices, 227 S. 2d, Louisville, Ky.
- Gehl, M. C., Co., creamery machy., 3002 Melnecke av, Milwaukee, Wis.
- Gehner Dist. Co., 1016 Market, St. Louis, Mo.
- Gehrich Indirect Heat Oven Co., 60 Franklin av, B'klyn, N. Y.
- Gehres, Anna, stone, 1968 Fillmore av, Buffalo, N. Y.
- Gehres Bros., sashes, doors & blinds, Waverly, Ohio.
- Gehret Bros., steel struct. wk., Bridgeport, Pa.
- Gehron, Jacob, & Sons, contractors, Williamsport, Pa.
- Geib, E. L., Machine Co., Akron, Ohio.
- Geib, Frank, contractor, Sheboygan, Wis.
- Geib, Wm. H., masons' & bldrs.' matls., East Aurora, N. Y.
- Geier & Bluhm, architects & engineers' instruments, Troy, N. Y.
- Geier & Geier, contractors, New Orleans, La.
- Geier, P. A., Co., special machinery, etc., 5112 St. Clair av, Cleveland, Ohio.
- Geiger, A. C., architect, Miami, Fla.



- Geiger, A. M., Cement Co., masons' & bldrs.' matls., Leavenworth, Kans.
- Geiger, August, heating contr., 114 N. 6th, Philadelphia, Pa.
- Geiger & Finke, contractors, 1533 Germantown, Dayton, O.
- Geiger, J., machinist, Stockton, Cal.
- Geiger Lbr. & Mill Co., sash, door & blind mfrs., Mount Carmel, Pa.
- Geiger & Peters, archt. iron, Indianapolis, Ind.
- Geigy-Ter-Moer Co., aniline colors, 89 Barclay, New York.
- Geilfuss, H., & Son, architects, 46 Kearny, San Francisco, Cal.
- Geipel, Ernest C., stone, 7740 S. Sangamon, Chicago, Ill.
- Geis & Bichler, boilers, St. Joseph, Mo.
- Geis, Gustave, tubular boilers, Kansas City, Mo.
- Geis, Jno. H., & Co., masons' & bldrs.' matls., Brooklyn, Md.
- Geise Mann Hardware Co., Greenville, Miss.
- Geise, Martin J., architect, 800 Main, Quincy, Ill.
- Geisel, A., Mfg. Co., tinware mfrs., 219 S. 2nd, St. Louis, Mo.
- Geisenheimer & Co., aniline oils, color mfrs., 134 Cedar, New York.
- Geiser, Jos., & Son, contractors, 557 Academy, L. I. City, N. Y.
- Geisinger, L. H., Co., contractors, 539 31st, Milwaukee, Wis.
- Geisler Bros., cornices, Dubuque, Iowa.
- Geisler, Chas. R., architect, Hostetter Bldg., Pittsburgh, Pa.
- Geissel, A., & Sons, carriages, 485 N. 3d, Philadelphia, Pa.
- Geissel & Richardson, lumber, Ridge av, c Master, Phila., Pa.
- Geissinger Regulator Co., 203 Greenwich, New York.
- Geissler Bros., furnaces, Reading, Pa.
- Geissler, Chas. C., show cases, 62 N. 4th, Philadelphia, Pa.
- Geissler, Rudolph, glass stainers, 56 W. 8th, New York.
- Geister Bros., masons' & bldrs.' matls., Elgin, Ill.
- Gelb, J., & Co., machy. dtrs., 203 Centre, New York.
- Gelchsheimer, Fred, cornices, 4910 Lincoln av, Chicago, Ill.
- Gelgand, Joseph J., architect, 346 Herman, Buffalo, N. F.
- Gellen & Co., paints, 120 Liberty, New York.
- Gelinas, A., & Sons, contractors, Saginaw, Mich.
- Geller-Ward & Hasner Hdwe. Co., 414 N. 4th, St. Louis, Mo.
- Gem Button Co., 146 W. 23d, New York.
- Gem City Acet. Generator Co., gas machines, Dayton, Ohio.
- Gem City Boiler Co., 331 Leo, Dayton, Ohio.
- Gem City Elev. Wks., Dayton, Ohio.
- Gem City Machine Co., machinists, Dayton, Ohio.
- Gem City Pattern Wks., Dayton, Ohio.
- Gem City Press Brick Co., Quincy, Ill.
- Gem City Stove Co., Dayton, Ohio.
- Gem City Stove Mfg. Co., Quincy, Ill.
- Gem City Trunk Mfg. Co., Quincy, Ill.
- Gem Cutlery Co., 11th av & 25th, New York.
- Gem Fountain Pen Corp., 59 Pk. pl, New York.
- Gem Hammock & Fly Net Co., 191 Hanover, Milwaukee, Wis.
- Gem Mfg. Co., incubators, Greenville, Ohio.
- Gem Mfg. Co., woodenware & novelties (turned) mfrs., New Durham, N. H.
- Gem Mfg. Co., children's outdoor swings, etc., N. Girard, Pa.
- GEM MANUFACTURING CO.**, "Gem" oil cans—machine, engine & locomotive oilers—boiler flue & tube cleaners, "Gem" brush spiral & conform are wonders, "Pyramid" torches are best for factories & mines; made of heavy Brazed steel—"Gem" flexible shafts, rope or motor driven, Goebel, nr Fulton, N. S., Pittsburgh, Pa.  
*See adv index at end of book.*
- Gem Stamped Steel Co., cans, pans, etc., Chelsea, Mass.
- Gem Supply Co., dustless dust cloths, Waterbury, Conn.
- Gem Toothpick Co., Adrian, Mich.
- Gem Wire Fence Co., Pontiac, Mich.
- Gemco Mfg. Co., automobile access., 674 So. Pierce, Milwaukee, Wis.
- Gemmel Bros., stone producers, 902 Catharine, Richmond, Va.
- Germer Mfg. Co., engines, Detroit, Mich.
- Gemmi Bros. Co., pearl buttons, 125 N. 5th, Philadelphia, Pa.
- Gemmill & Billmeyer, architects, York, Pa.
- Gemrig, J. H., & Son, surgical instruments, 109 S. 8th, Philadelphia, Pa.
- Gendreau, H. L., architect, Willimansett, Mass.
- Gendreau, Hubert L., architect, 830 Chicopee, Holyoke, Mass.
- Gendron, A. D., architect, Astoria, Ore.
- Gendron Wheel Co., Toledo, Ohio.
- General Abrasive Co., emery mfrs., Niagara Falls, N. Y.
- General Accident Insurance Co., 421½ Walnut, Philadelphia, Pa.
- General Acoustic Co., 220 W. 42d, New York.
- General Advertising Co., signs, Reading, Pa.
- General Aluminum & Brass Mfg. Co., bearings, castings, St. Aubin av, Detroit, Mich.
- General American Tank Car Corp., Harris Trust Bldg., Chicago, Ill.
- General Asbestos & Rubber Co., metallic packing, Charleston, S. C.
- General Bakelite Co., 2 Rector, New York.
- General Briquetting Co., 41 Broad, New York.
- General Builders' Supply Co., Merchants blk, Indianapolis, Ind.
- General Building Supply Co., Savannah, Ga.
- General Carbonic Co., Bridge, Albany, N. Y.
- General Cement Construction Co., 1108 W. Lake, Chicago, Ill.
- General Chemical Co., 25 Broad, New York.
- General Compressed Air & Vacuum Machy. Co., vacuum cleaners, Pontiac Bldg., St. Louis, Mo.
- General Concrete Construction Co., 431 S. Dearborn, Chicago, Ill.
- General Condenser Co., steam & oil separators, 1240 N. 12th, Philadelphia, Pa.
- General Construction Co., Union Trust Bldg., Detroit, Mich.
- General Construction Co., Fort Worth, Tex.
- General Construction Co., 3038 Galena, Milwaukee, Wis.
- General Contracting Co., Plymouth Bldg., Minneapolis, Minn.
- General Contracting Co., 1218 Chackmaxon, Philadelphia, Pa.
- General Contracting & Engineering Co., 29 B'way, New York.
- General Crushed Stone Co., Easton, Pa.
- General Devices & Fittings Co., cable supporting clamps, 817 Washington blvd, Chicago, Ill.
- General Drop Forge Co., Buffalo, N. Y.
- General Eclipse Co., stationers' spec., Danielson, Conn.
- General Electric Co., electric lighting plants, etc., Schenectady, N. Y. *See adv index at end of book.*
- General Engineering Co., automobiles, Marquette Bldg., Detroit, Mich.
- General Engng. Co., machsts., 717 Front, Philadelphia, Pa.
- General Engng. & Const. Co., contrs., Rockford, Ill.
- General Equipt. Co., R. R. equipt., 30 Church, New York.
- General Erecting Co., steel struct. wk., Syracuse, N. Y.
- General Export & Commission Co., crude rubber, 8 Bridge, New York.
- General Filtration Co., filters, Rochester, N. Y.
- General Fire Extinguisher Co., automatic fire sprinklers, cast iron pipe & fittings, valves, fire alarms, etc., 275 W. Exchange, Providence, R. I.
- General Fireproofing Co., 3680 Logan av, Youngstown, Ohio.
- General Gas Light Co., Kalamazoo, Mich.
- General Gas Mantle Co., Camden, N. J.
- General Illuminating Co., 369 B'way, New York.
- General Incandescent Lamp Wks. of G. E. Co., 214 Electric Bldg., Cleveland, Ohio.
- General Insulate Co., insulators, dies, tools, etc., 1008 Atlantic av, Brooklyn, N. Y.
- General Iron Works, Osborn & Newport av, Brooklyn, N. Y.
- General Kompolite Co., composition flooring mfrs., 325 Borden av, Long Island City, N. Y.
- General Laboratories, disinfectants, Madison, Wis.
- General Lead Batteries Co., 4 Lstr. av, Newark, N. J.
- General Lighting Fixture Co., 28 W. Lake, Chicago, Ill.
- General Mach. Co., 417 E. 156th, New York.
- General Mach. Wks., York, Pa.
- General Machy. & Supply Co., air compressors, 39 Stevenson, San Francisco, Cal.
- General Malleable Co., machsts. & fndrs., Warren, Ohio.
- General Mfg. Co., screw mach. prod., Waterbury, Conn.
- General Manifold & Printing Co., 727 S. Dearborn, Chicago, Ill.
- General Manifold & Printing Co., carbon paper, Franklin, Pa.
- General Motors Truck Co., Pontiac, Mich.
- General Naval Stores Co., Inc., naval stores, 90 West, New York.
- General Oil Wks. Co., lubrg., Indianapolis, Ind.
- General Optical Co., 528 1st av, New York.
- General Ordnance Co., aeroplane guns & rifles, machsts. & fndrs., Derby, Conn.
- General Package Co., box hinging machs., 99 Warren, New York.
- General Pattern & Model Co., 178 Centre, New York.
- General Petroleum Co., Alaska Commercial Bldg., San Francisco, Cal.
- General Pipe & Fdry. Co., machsts. & fndrs., Atlanta, Ga.
- General Radio Co., wireles telegraph apparatus mfrs., 11 Windsor, Cambridge, Mass.
- General Ry. Signal Co., Rochester, N. Y.
- General Reduction Co., fullers earth, Atlanta, Ga.
- General Refractories Co., brick, ores, etc., 111 B'way, New York.
- General Repair Mach. Shop, Hamilton, Ohio.
- General Rim Co., Swetland Bldg., Cleveland, Ohio.
- General Roofing Mfg. Co., paper & pulp mills, Boatmen's Bk. Bldg., St. Louis, Mo.
- General Rubber Co., B'way & 58th, New York.
- General Slate Co., roofing slate, 200 Devonshire, Boston, Mass.
- General Specialty Co., cleaners, Buffalo, N. Y.
- General Spring & Wire Co., 26 Morrow, Detroit, Mich.
- General Storage Battery Co., 2005 Locust, St. Louis, Mo.
- General Supply Co., masons' & bldrs.' supplies, Easton, Pa.
- General Supply Co., mill & facty. supplies, Danielson, Conn.
- General Supply Co., platers' & polishers' supplies, 1122 St. Clair av, Cleveland, Ohio.
- General Supply Co., plumbers' supplies—jobbers, Atlanta, Ga.
- General Supply Co., woolen waste, wiping rags & leather mattress tufts, 146 Central, Worcester, Mass.
- General Supply & Equip. Co., plumbers' supplies—jobbers, 459 Canal, New York.
- General Supply & Machy. Co., Meridian, Miss.
- General Tire & Rubber Co., Akron, Ohio.
- General Vehicle Co., motor wagon mfrs., Borden & star av, Long Island City, N. Y.
- General Welding Co., Hoboken, N. J.
- Generator Valve Co., carbureters, 47 Dinsmore pl, Brooklyn, N. Y.
- Genesee Furnace Co., blast furnaces, Charlotte, N. Y.
- Genesee Iron Wks., machsts. & fndrs., Flint, Mich.
- Genesee Lime Co., Honeoye Falls, N. Y.
- Genesee Lime Co., Lima, N. Y.
- Genesee Lumber Co., Genesee, La.
- Genesee Metals Co., Rochester, N. Y.
- Genesee Optical Co., Rochester, N. Y.
- Genesee Plating Wks., Rochester, N. Y.



- Genesee Tack Co., 39 Mount Hope av, Rochester, N. Y.  
 Genesee Textile Co., Rochester, N. Y.  
 Genesee Valley Mfg. Co., agric. impts., Mount Morris, N. Y.  
 Geneseo Canning Co., Geneseo, N. Y.  
 Geneva Boiler Wks., Geneva, N. Y.  
 Geneva Brick & Tile Wks., Geneva, Ohio.  
 Geneva Canning Co., Geneva, Ohio.  
 Geneva Cutlery Co., Geneva, N. Y.  
 Geneva Fertilizer Wks., Geneva, Ala.  
 Geneva Mfg. Co., woodenware mfrs., Geneva, Ill.  
 Geneva Metal Wheel Co., Geneva, Ohio.  
 Geneva Milling Co., masons' & bldrs. matls., Geneva, Ohio.  
 Geneva Preserving Co., canned goods, Geneva, N. Y.  
 Geneva Wagon Co., Geneva, N. Y.  
 Genl. Apparatus Co., fine machine work, Aspinwall, Pa.  
 Gennert, G., cameras, moving picture machs., 24 E. 13th, New York.  
 Genovese Bros., contractors, 290 W. Main, Stamford, Conn.  
 Genseke, Merman, soap, Streator, Ill.  
 Gensel, Frederick, & Co., founders, 911 Vine, Philadelphia, Pa.  
 Gensman Bros. & Co., wholesale hardware, Enid, Okla.  
 Gent, John G., htg. contractor, 207 Mutrey av, New York.  
 Genter, J. H., Co., projection screens, Newburgh, N. Y.  
 Gentile Bros., contractors, 617 Abbott rd, Buffalo, N. Y.  
 Gentry, Frank H., architect, Union Oil Bldg., Los Angeles, Cal.  
 Gentz, A. G., canned goods, Lineboro, Md.  
 Gentz Bros., contractors, Grand Rapids, Mich.  
 Genuine Bangor Slate Co., Easton, Pa.  
 Genuine Washington Slate Co., Slatington, Pa.  
 Genung, C. W., agricultural implements, machinist, Madison, O.  
 Geographical Publishing Co., 621 Plymouth, Chicago, Ill.  
 Geometric Stamping Co., junction boxes, 1390 E. 40th Cleveland, Ohio.  
 Geometric Tool Co., New Haven, Conn.  
 George, A. H., Co., fertz. mfrs., Meridian, Miss.  
 George Automatic Roller Bearing Co., 4614 Spring Grove av, Cincinnati, Ohio.  
 George & Barker Salmon Packing Co., Point Roberts, Wash.  
 George & Borst, contractors, 277 S. 11th, Philadelphia, Pa.  
 George Bros., machinists, Grass Valley, Cal.  
 George Bros. & Co., Winchester, Ky.  
 George Bros., Griffith Co., rubber stamps, Lincoln, Neb.  
 George, Claude, Co., machy. dtrs., Omak, Wash.  
 George & Co., meat packers, 404 S. Charles, Baltimore, Md.  
 George, E. A., architect, Continental Bk. Bldg., Shreveport, La.  
 George, E. J., flour, Lexington, S. C.  
 George, J. R., & Bro., canned goods, Irvington, Va.  
 George, M. & R. L., machinists, New Lisbon, N. Y.  
 George, MacLucas & Fitton, architects, Lemcke Annex, Indianapolis, Ind.  
 George & O'Connor Co., contractors, 207 Market, Newark, N. J.  
 George, R. W., flour, Francisco, N. C.  
 George, Richard A., architect, 69 Genesee, Utica, N. Y.  
 George, S., Co., paper & pulp mills, Wellsburg, W. Va.  
 George & Sherrand Paper Co., Wellsburg, W. Va.  
 George, Thomas J., architect, 32 Nassau, New York.  
 George Washington University, engng. schools & coll., Washington, D. C.  
 George, Wm. H., contractor, Atlanta, Ga.  
 Georgeson, F. T., architect, Eureka, Cal.  
 Georgia Agr'l Wks., Fort Valley, Ga.  
 Georgia Belle Fertilizer Co., Newman, Ga.  
 Georgia Brick Co., Adairsville, Ga.  
 Georgia Car & Locomotive Co., Atlanta, Ga.  
 Georgia-Carolina Brick Co., Augusta, Ga.  
 Georgia-Carolina Lumber Co., Pottsville, Pa.  
 Georgia Cane Products Co., canned goods, Columbus, Ga.  
 Georgia Chemical Wks., fertilizer mfrs., Augusta, Ga.  
 Georgia Cordage Mills, Scottdale, Ga.  
 Georgia Fertilizer Co., Nashville, Tenn.  
 Georgia Fertilizer & Mfg. Co., Cairo, Ga.  
 Georgia Fertilizer & Oil Co., Valdosta, Ga.  
 Georgia Fertilizer Works, Sandersville, Ga.  
 Georgia Granite & Marble Wks., Rome, Ga.  
 Georgia Hardware Co., wholesale, Brunswick, Ga.  
 Georgia Iron Works, Augusta, Ga.  
 Georgia Kaoline Co., Macon, Ga.  
 Georgia Lumber Co., Bluefield, W. Va.  
 Georgia Lumber & Turpentine Co., Cutting, Ga.  
 Georgia Marble Co., Tate, Ga.  
 Georgia Marble Finishing Wks., Canton, Ga.  
 Georgia Metal Roof Co., mtic. shingles, Atlanta, Ga.  
 Georgia Milling Co., flour, Fort Valley, Ga.  
 Georgia Paint & Glass Co., Atlanta, Ga.  
 Georgia Paving & Constr. Co., Columbus, Ga.  
 Georgia-Peruvian Ochre Co., clays, Cartersville, Ga.  
 Georgia Phosphate Co., Athens, Ga.  
 Georgia Pine Co., lumber mfrs., Elliott & Linwood av, Baltimore, Md.  
 Georgia Pine Turpentine Co., 158 Perry, New York.  
 Georgia Products Co., fertilizer mfrs., Fort Gaines, Ga.  
 Georgia Quincy Granite Co., Macon, Ga.  
 Georgia Red Brick Co., Pooler, Ga.  
 Georgia School of Technology, engng. schools & coll., Atlanta, Ga.  
 Georgia Ship Building Co., Savannah, Ga.  
 Georgia Supply Co., mill & facty. supplles, Savannah, Ga.  
 Georgia Talc Co., crayon, Asheville, N. C.  
 Georgia Veneer & Packing Co., Brunswick, Ga.  
 Georgia Vitrified Brick & Clay Co., Augusta, Ga.  
 Georgia Warehouse Co., Macon, Ga.  
 Georges, C. W., Mfg. Co., sashes, doors & blinds, Beaumont, Tex.  
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 Gerawhty & Co., advtg. nov. & spec., 153 N. La Salle, Chicago, Ill.  
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 Gerard, G. H., Son & Co., sash, door & blind mfrs., 265 Greenpoint, Brooklyn, N. Y.  
 Gerard, Michael, machsts. & fndrs., Cissna Park, Ill.  
 Gerber, A. F., Stone Co., 202 Bigelow, Newark, N. J.  
 Gerber, J. J., cornices & skylights, 128 6th av, S., Minneapolis, Minn.  
 Gerber, Louis, & Son, mining mach. picks, 66 Walter av, Pittsburgh, Pa.  
 Gerbig, J. C., & Son, soap, Chambersburg, Pa.  
 Gerdan, Otto, Co., rattans, 83 Murray, New York.  
 Gerdes & Co., machinery mfrs., 42 Church, New York.  
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 Gerding, Geo. W., traveling bags, 405 Commerce, Phila., Pa.  
 Gerecke, August, sheet metal gauges, Carlstadt, N. J.  
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 Gerhard, E. C., Bldg. Co., Victoria Bldg., St. Louis, Mo.  
 Gerhard, F. J., drain tile, 110 Belmont av, Newark, N. J.  
 Gerhard, G. L., & Son, architects, 619 Penn, Reading, Pa.  
 Gerhardstein Bros., brick & tile, Bellevue, Ohio.  
 Gerhardt, C., brooms, brushes, cleaners, 591 Hudson, New York.  
 Gerhardt, Paul, architect, Schiller Bldg., Chicago, Ill.  
 Gerity, H. S., architect, 607 S. Hill, Los Angeles, Cal.  
 Gerkensmyer, H., brick, Martin, Ohio.  
 Gerkin, J. D., & Co., cornices & skylights, Toledo, Ohio.  
 Gerlach, H. C., architect, Mankato, Minn.  
 Gerlach, M. H., architect, Bellingham, Wash.  
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 Gerlinger Motor Car Co., Tacoma, Wash.  
 Gerlinger Steel Casting Co., steel castings, West Allis, Wis.  
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 Germain & Boyd Lbr. Co., Saginaw, Mich.  
 Germain Co., lumber, Farmers' Bank Bldg., Pittsburgh, Pa.  
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 Germain Piano Co., Saginaw, Mich.  
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 German-Am. Button Co., Rochester, N. Y.  
 German-Am. Car Co., Euclid & 145th, Chicago, Ill.  
 German-Am. Cinematograph & Film Co., 219 2d av, New York.  
 German-Am. Glass Wks., Philadelphia, Pa.  
 German-Am. Lumber Co., Pensacola, Fla.  
 German-Am. Paint Co., 717 Waldo ct, Chicago, Ill.  
 German-Am. Pitch Co., 414 Water, Cincinnati, Ohio.  
 German-Am. Portland Cement Wks., La Salle, Ill.  
 German-Am. Stain Co., wood stains, Grand Rapids, Mich.  
 German-Am. Stoneware Wks., chlorine generator, 50 Church, New York.  
 German-Am. Sugar Co., West Bay City, Mich.  
 German-Artistic Weaving Co., 141 W. 36th, New York.  
 German Chemical Supply Co., metal polish, 9420 Meach av, Cleveland, Ohio.  
 German-Compound Co., boiler compounds, 20 N. Market, Boston, Mass.  
 German, F. G., architect, Duluth, Minn.  
 German, Howard W., architect, Schwind Bldg., Dayton, Ohio.  
 German & Jenssen, architects, Exchange Bldg., Duluth, Minn.  
 German Kali Wks., 42 B'way, New York.  
 German Knitting Mills, gloves, 4283 Pk. av, New York.  
 German Rock Asphalt & Cement Co., D. S. Morgan Bldg., Buffalo, N. Y.  
 German Rock Asphalt Co., D. S. Morgan Bldg., Buffalo, N. Y.  
 Germania Cedar Wks., pencil timber, Christiana, Tenn.  
 Germania Imptg. Co., linoleum mfrs., 41 Union sq, New York.  
 Germania Knitting Wks., 440 Canal, New York.  
 Germania Mills, flour, Fredericksburg, Va.  
 Germania Refining Co., Rouseville, Pa., Oil City, Pa.  
 Germania Refrigerator & Mch. Co., Belleville, Ill.  
 Germania Supply & Fdry. Co., Covington, Ky.  
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 Germantown Milling Co., flour, Germantown, Ky.  
 Germantown Steam Co., heating contrs., 349 W. Hortter, Philadelphia, Pa.  
 Germantown Tool Works, tool mfrs., 521 Market, Phila., Pa.  
 Germantown Varnish, Color & Paint Co., 5434 Germantown av, Philadelphia, Pa.  
 Germer Stove Co., Erie, Pa.  
 Germueller, Julius, architect, Stewart Bldg., Washington, D. C.  
 Gernandt, W. F., architect, State Bank Bldg., Omaha, Nebr.  
 Gernert Bros. Lbr. Co., Louisville, Ky.  
 Gernhardt, H. T., & Co., glass enameled, 409 E. Fayette, Baltimore, Md.



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- Gernt, Rudolph C., architect, Campau Bldg., Detroit, Mich.
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- Gerow, Emma, pkg. box mfrs., 450 11th av, New York.
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- Gerrich, Chas. V., architect, Arcade Bldg., Seattle, Wash.
- Gerrick & Gerrick Co., steel structural work, Seattle, Wash.
- Gerrish Dredging Co., 101 Tremont, Boston, Mass.
- Gerritsen, Henry, architect, Garfield, N. J.
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- Gersmann, Rud., arch'l iron, 1431 Bryant av, New York.
- Gersmann, Lozner & Sachs, arch'l iron, 455 E. 173d, New York.
- Gerson & Carey, brass castings, Lansing, Mich.
- Gerson, I., & Son, scrap iron & steel, Toledo, Ohio.
- Gerson, Sam'l, scrap iron, Coatesville, Pa.
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- Gerstenslager Co., carriages, Wooster, Ohio.
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- Gerstner, H., & Sons, tools, cases & chests, Dayton, Ohio.
- Gertig, E. A., contractor, Albuquerque, N. M.
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- Gerwig, H., & Sons, packing mfrs., 1301 Penn av, Pittsb'h, Pa.
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- Geske, C., & Co., dock bldrs. & contrs., Seattle, Wash.
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- Getchell, Seth S., & Son, mill & facty. supplies, tin cylinders, Woonsocket, R. I.
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- Gettier Studios, glass stainers, 855 N. Howard, Baltimore, Md.
- Gettings Bros., contractors, Mansfield, Ohio.
- Gettins-Kopitke Co., contractors, Toledo, Ohio.
- Gettner, K. H., Co., machsts. & fndrs., Cecil pl, Pittsb'h, Pa.
- Getty, F. I., machinist, Jennings, La.
- Getty, Hugh, contractor, 359 W. 26th, New York.
- Gettys, M. H., contractor, Harrisburg, Pa.
- Getz Power Washer Co., clothes washing machines, Morton, Ill.
- Getz-There Soap Co., Conshohocken, Pa.
- Getz, W. F., architect, Lancaster, Ohio.
- Getzen, J. C., turpentine, Webster, Fla.
- Geuder, Paeschke & Frey Co., pressed steel parts, St. Paul av & 15th, Milwaukee, Wis. *See adv index at end of book.*
- Geving Bros., machsts., Lake Mills, Iowa.
- Geyer, Ed. J., tailors' pressing machs., Rochester, N. Y.
- Geyer, John, sash, door & blind mfrs., Prescott, Wash.
- Geyer's Stationer, trade publication, 318 B'way, New York.
- Gfell, John H., & Co., mill, facty. & plumbers' supplies, jobbers, Norwalk, Ohio.
- Ghent Canning Co., Ghent, Ky.
- Ghent Mfg. Co., grain separators, Ghent, Minn.
- Ghent Motor Co., 20 E. Jackson blvd, Chicago, Ill.
- Gherky, Wm. D., pole repair sleeves, 30th & Walnut, Phila., Pa.
- Ghirardi, P. B., architect, Morgan City, La.
- Gholstin-Cunningham Spring Bed Co., Atlanta, Ga.
- Gholston Bros., masons' & bldrs.' matls., Comer, Ga.
- Ghriskey's, Chas. M., Sons, wholesale hdwe., 508 Commerce, Philadelphia, Pa.
- Giannini, G. W., mill & facty. supplies, 437 W. 42d, New York.
- Giannini & Hilgart, glass stainers, 222 W. Madison, Chicago, Ill.
- Giant Cable Hoist Co., portable cranes, 1833 E. 55th, Cleveland, Ohio.
- Giant Grip Horse Shoe Co., Oshkosh, Wis.
- Giant Mfg. Co., pipe pushers & textile machy., Council Bluffs, Iowa.
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- Giant Powder Co., 1st Natl. Bk. Bldg., San Francisco, Cal.
- Gibb, Frank W., architect, Little Rock, Ark.
- Gibb Instrument Co., pyrometers, Highland Bldg., Pittsb'h, Pa.
- Gibb & Waltz, architects, Trust Co. Bldg., Ithaca, N. Y.
- Gibb, Wm. R., architect, 160 W. Jackson blvd., Chicago, Ill.
- Gibbens-Finney-Gordon Co., mill & factory supplies, 213 Canal, New Orleans, La.
- Gibbens, T. C., lumber, Washington, La.
- Gibbes Machinery Co., Columbia, S. C.
- Gibboney, A. R., & Co., blankets, flannels, woolen, Reedsville, Pa.
- Gibboney, Jacob, lumber, Bradford, Ohio.
- Gibbons, A. J., Metropolis, Ill.
- Gibbons, E. F., architect, Erie Bldg., Cleveland, Ohio.
- Gibbons, Edward, contractor, 203 Montgomery av, Providence, R. I.
- Gibbons, Ernest A., Co., mill & facty. supplies, 27 Montgomery, Jersey City, N. J.
- Gibbons, J. E., stone producers, Williamsport, Pa.
- Gibbons, Jno. V., mill & facty. supplies, 133 Greenwich, New York.
- Gibbons, M. J., Supply Co., plumbers' supplies, jobbers, Dayton, Ohio.
- Gibbons Mach. & Fdry. Co., Des Moines, Ia.
- Gibbons, Martin, contractor, Dunmore, Pa.
- Gibbons, N. L., steam heaters, Norristown, Pa.
- Gibbons, Patrick F., contractor, Scranton, Pa.
- Gibbons, Robt. E., architect, 1116 N. 9th, Terre Haute, Ind.
- Gibbons & Sons, pianos, Rochester, N. Y.
- Gibbs Bros., machinists, Commerce, Ga.
- Gibbs-Brower Co., angle straightening machs., 261 B'way, New York.
- Gibbs, Chas. E., machsts., Honesdale, Pa.
- Gibbs, Chas. M., contrs. tents, Syracuse, N. Y.
- Gibbs, Fred W., contractor, Montclair, N. J.
- Gibbs Gas Engine Co of Fla., Jacksonville, Fla.
- Gibbs Heddle Co., tex. machy., Leicester, Mass.
- Gibbs, J. B., contractor, 1633 O. N. W., Washington, D. C.
- Gibbs, Mrs. J. L., lumber, Mayfield, Mich.
- Gibbs, John, contractor, Carbondale, Pa.
- Gibbs, John W., contractor, Morgan Bldg., Buffalo, N. Y.
- Gibbs, L. Y., Son & Co., fertilizer, Savannah, Ga.
- Gibbs Loom Harness & Reed Co., tex. machy., supplies, Clinton, Mass.
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- Gibbs & Sanders, masons' & bldrs.' matls., Albion, Mich.
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- Gibbs, W. H., & Co., cut glassware, Stroudsburg, Pa.
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- Gibey Tire & Rubber Co., 215 N. Broad, Philadelphia, Pa.
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- Gibney Tire & Rubber Co., Conshohocken, Pa.
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- Gibraltar Knitting Mills, 1010 W. 12th, Chicago, Ill.
- Gibsland Oil Mills & Fertilizer Co., Gibsland, La.
- Gibson, A. C., Co., steel stamps, rubber type, stencils, etc., Buffalo, N. Y.
- Gibson, B. K., architect, 431 S. Dearborn, Chicago, Ill.
- Gibson Bedstead Co., machsts. & fndrs., 25 George, Boston, Mass.
- Gibson Canning Co., Gibson City, Ill.
- Gibson & Cobb, flour, Atlanta City, Tex.
- Gibson & Cole, contractors, Pendleton, Ore.
- Gibson Co., carbon removers, 424 N. Capitol blvd., Indianapolis, Ind.
- Gibson, David, machst. & fndr., Waterloo, Ia.
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- Gibson, G. N., & Son, lumber mfrs., West Stockholm, N. Y.
- Gibson, G. P., & Son, lbr. mfrs., 468 Genesee, Utica, N. Y.
- Gibson, Geo. H., Co., advtg. counsellors, 154 Nassau, New York.
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- Gibson Iron Works, machsts. & fndrs., Gibson City, Ill.
- Gibson Iron Wks. Co., blowers, kettles, etc., 168 1st, Jersey City, N. J.
- Gibson, J. A., contractor, 497 Artillery av, Detroit, Mich.
- Gibson, J. L., masons' & bldrs.' matls., North Conway, N. H.
- Gibson & Kirk Co., machsts. & fndrs., 217 Key Highway, Baltimore, Md.
- Gibson Musical String Co., Belleville, N. J.
- Gibson, Porter E., contractor, Cambridge, Ohio.
- Gibson & Price Co., lead pipe, 623 St. Clair av, N. E., Cleveland, Ohio.
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- Gibson, Richard, contractor, 65 Long Wharf, Boston, Mass.
- Gibson, Robt. W., architect, 185 Madison av, New York.
- Gibson & Robertson, architects, Herald Bldg., El Paso, Tex.
- Gibson, W. E., sash, door & blind mfr., 3527 Market, Phila., Pa.
- Gibson, Wm. D., Co., springs, 500 W. Huron, Chicago, Ill.
- Gichner, Ernest, cornices & skylights, 1107 E. N. W., Waterbury, D. C.
- Gichner, Fred S., founders, 1214 D. N. W., Washington, D. C.
- Giclas, H. J., cornices & skylights, 1134½ S. W., Waterbury, D. C.
- Giddings, Burt & Sons, fertilizer mfrs., Baldwinville, N. Y.
- Giddings & Lewis Mfg. Co., machsts. & fndrs., Fond du Lac, Wis.
- Gideon-Anderson Lbr. & Merc. Co., Gideon, Mo.
- Gidon, Jos. E., auto. lamps, 794 10th av, New York.
- Giebisch & Joplin, contractors, Rothchild Bldg., Portland, Ore.
- Giele, Louis H., architect, 1123 Broadway, New York.
- Gielow & Orr, naval architects, 52 B'way, New York.
- Gier, E. F., architect, Conrad, Ia.
- Gier, F. B., & Co., contractors, 517 Riddle rd, Cincinnati, Ohio.
- Gier Pressed Steel Co., stamping sheet metal, Lansing, Mich.
- Gierhart, J. B., architect, Huntington, Ind.
- Giertsen, M. O., architect, McKnight Bldg., Minneapolis, Minn.



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 Gies, Rowland C., architect, David Whitney Bldg., Detroit, Mich.  
 Giese, Frank, stone, Viaduct & Big 4, Cincinnati, Ohio.  
 Giese Mfg. Co., metal spinning, 260 S. 5th, Philadelphia, Pa.  
 Giesey, J. H., architect, 514 Smithfield, Pittsburgh, Pa.  
 Giesey, M. F., architect, German Bk. Bldg., Wheeling, W. Va.  
 Gieske, J. R., architect, Ceredo, W. Va.  
 Gieske, J. R., architect, Huntington, W. Va.  
 Gieske, Walter M., architect, Gunther Bldg., Baltimore, Md.  
 Giesler & Co., machsts. & fndrs., Muscatine, Ia.  
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 Gifford, Chas. A., architect, 25 Park pl, New York.  
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 Giglas, Louis, cornices, Waterbury, D. C.  
 Gigrich, A. A., & Co., umbrella sticks, Amityville, N. Y.  
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 Gilbert, Geo. W., contractor, York, Pa.  
 Gilbert, H., & Son, whol. hdwe., 219 Market, Harrisburg, Pa.  
 Gilbert, Harry W., masons' & bldrs.' matls., Hatchinson & Ve-nough, Philadelphia, Pa.  
 Gilbert, Hedge Lumber Co., Burlington, Ia.  
 Gilbert, J. L., & Bro., Lbr. Co., East Falls & Eastern avs, Baltimore, Md.  
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 Gilbert Trunk Factory, Birmingham, Ala.  
 Gilbert, V. P., contractor, 453 S. Spring, Los Angeles, Cal.  
 Gilbert, W. L., Clock Co., Winsted, Conn.  
 Gilbert Wall Paper Co., York, Pa.  
 Gilbert, Wm., machst. & fndr., Fulton, Mo.  
 Gilbert, Wright L., contractor, 133 Chambers, New York.  
 Gilbert, Z. R., lumber, Orange Hill, Fla.  
 Gilbertson, J., cornices & skylights, Bayonne, N. J.  
 Gilbreth, G. W., & Co., contractors, 606 S. Hill, Los Angeles, Cal.  
 Gilchrist, A. D., architect, Rock Hill, S. C.  
 Gilchrist Co., hdwe. mfrs., 236 Bank, Newark, N. J.  
 Gilchrist, David D., contractor, Summit, N. J.  
 Gilchrist, Edmund B., architect, 1424 Walnut, Philadelphia, Pa.  
 Gilchrist-Fordney Co., lumber, Laurel, Miss.  
 Gilchrist, Geo. E., Co., mill, facty. & plumbers' supplies—jobbers, 106 High, Boston, Mass.  
 Gilchrist, H. D., architect, Frick Bldg., Pittsburgh, Pa.  
 Gilchrist, John G., founders, South Bend, Wash.  
 Gilchrist, M. D., masons' & bldrs.' matls., Oskaloosa, Ia.  
 Gilchrist, Robt., Co., manganese dioxide carbon, Elizabeth, N. J.  
 Gilcrest, F. H., Lumber Co., Kearney, Neb.  
 Gilcrest, J. K. & W. H., Co., lumber mfrs., Des Moines, Ia.  
 Gildard, W. H., architect, Knoxville, Tenn.  
 Gildersleeve Ship Building Co., Gildersleeve, Conn.  
 Gile, J. M., architect, Pueblo, Colo.  
 Gile Tractor & Engine Co., Ludington, Mich.  
 Giles, Albert E., brick, Peoria, Ill.  
 Giles, Alfred C., architect, F Bldg., San Antonio, Tex.  
 Giles, Alfred, Co., architect, Laredo, Tex.  
 Giles, Geo., moss—tree, Ocala, Fla.  
 Giles & Hubbard, flour mills, Toshes, Va.  
 Giles & Nielsen Nickel Wks., ice cream dishes, spoons, etc., Troy, N. Y.  
 Gilfillan, F. C., machinists, Ebenezer, N. Y.  
 Gilford, F. E., hammers, cutters, boxes, etc., Concord, N. H.  
 Gilkerson Construction Co., Newhouse Bldg., Salt Lake City, Utah.  
 Gilkey, Jarboe, Hardware Co., Chickasha, Okla.  
 Gill, Arthur B., architect, Heed Bldg., Philadelphia, Pa.  
 Gill Bros. Co., lamp globes & chimneys, Steubenville, Ohio.  
 Gill, C. P., & Co., granite, Montpelier, Vt.  
 Gill Clay Pot Co., Muncie, Ind.  
 Gill & Co., lamp reflectors, globes, etc., E. York & Thompson, Philadelphia, Pa.  
 Gill, D. A., mill & facty. supplies, Meadville, Pa.  
 Gill, David, Jr., masons' & bldrs.' matls., Kingston, N. Y.  
 Gill & Gill, architects, 752 5th, San Diego, Cal.  
 Gill, Howard W., fertilizer mfrs., Avalon, Va.  
 Gill, J. H., machinist, Raleigh, N. C.  
 Gill, J. O., architect, N. Texas Bldg., Dallas, Tex.  
 Gill, John M., cornices, Waterbury, Conn.  
 Gill, Jno. N., & Co., contractors, 1215 Filbert, Philadelphia, Pa.  
 Gill, John P., contractor, Princeton, N. J.  
 Gill, Jno., & Sons Co., contractors, Citizens' Bldg., Cleveland, O.  
 Gill Lumber Co., 806 Hippodrome Bldg., Cleveland, Ohio.  
 Gill Mfg. Co., mill & facty. supplies, Phillipsburg, Pa.  
 Gill & Mulholland, masons' & bldrs.' matls., Jacksonville, Fla.  
 Gill, P. H., & Sons, machinists, 2 Lorraine, Brooklyn, N. Y.  
 Gill, R. J., architect, Murphysboro, Ill.  
 Gill, Thos., Soap Co., 711 Kent av, Brooklyn, N. Y.  
 Gill, W. E., machsts. & fndrs., Lake Geneva, Wis.  
 Gill, W. L., architect, Sherman, Tex.  
 Gillam, H. C., mill & facty. supplies, Centralia, Wash.  
 Gillaspie, J. W., canned goods, Bedford, Va.  
 Gille Mfg. Co., tinware mfrs., Kansas City, Mo.  
 Gillen, Chambers Co., gaskets, pipe & boiler coverings (asbestos), etc., Portland, Ore.  
 Gillen, Edw., Dock, Dredge & Const. Co., contrs., Racine, Wis.  
 Gillen, Edw. E., Co., bldg. contrs. & dock bldrs., Wells Bldg., Milwaukee, Wis.  
 Gillen, Edw. G., dredging contrs., ft. Nock, Milwaukee, Wis.  
 Giller, Louis, architect, 395 Broadway, New York.  
 Gilles, Campbell Co., contractors, 101 Park av, New York.  
 Gillespie, Adam, contractor, Greenfield, Ind.  
 Gillespie Bros. & Co., crude rubber, 11 B'way, New York.  
 Gillespie & Carrel, architects, 1123 Broadway, New York.  
 Gillespie, Chas. H., & Sons, paint & varnish remover, Dey, Jersey City, N. J.  
 Gillespie, D. L., & Co., lumber, Oliver Bldg., Pittsburgh, Pa.  
 Gillespie & Daly, contractors, International Life Bldg., St. Louis, Mo.  
 Gillespie, E. W., machy. dlrs., Knoxville, Tenn.  
 Gillespie, Earl A., sash, door & blind mfrs., Ozone Park, N. Y.  
 Gillespie, Jas., lumber mfr., North Tonawanda, N. Y.  
 Gillespie, Jno., Lbr. Co., sash, door & blind mfrs., W. 22d & Laflin, Chicago, Ill.  
 Gillespie, L. C., & Sons, oils, 6 Fletcher, New York.  
 Gillespie, Lowell, contractor, Danville, Ill.  
 Gillespie Machine Co., stamping dies, Phipps Pr. Bldg., Pittsburgh, Pa.  
 Gillespie Mfg. Co., machsts. & fndrs., 810 Brocket, Pittsburgh, Pa.  
 Gillespie, T. A., Co., contractors, 50 Church, New York.  
 Gillespy, John H., contractor, 15 Summit av, Albany, N. Y.  
 Gillett Building Supply Co., sash, door & blind mfrs., Gillett, Wis.  
 Gillett Canning Co., Gillett, Wis.  
 Gillett, Charles A., canned goods, Auburn Junction, Ind.  
 Gillett, E. A., & Sons, carriage rims, Charlestown, Boston, Mass.  
 Gillet, Eaton & Squire, machinists, Lake City, Minn.  
 Gillette, C. H., bent wood, Indianapolis, Ind.  
 Gillette Clipping Mach. Co., 129 W. 31st, New York.  
 Gillette, Edwin F., architect, 8 S. Dearborn, Chicago, Ill.  
 Gillette Elec. Street Clock Co., 728 Buckingham pl, Chicago, Ill.  
 Gillette Motors Co., Mishawaka, Ind.  
 Gillette Safety Razor Co., 41 W. 1st, Boston, Mass.  
 Gillette, Thurber J., architect, 811 Park, Syracuse, N. Y.  
 Gillette-Vibber Co., junction boxes, bushings, couplings, etc., New London, Conn.  
 Gillette, W. H., Mfg. Co., bent wood, & neck yoke centers, Louisville, Ky.  
 Gilliam Coal & Coke Co., Lynchburg, Va.  
 Gilliam Co., auto horns, Canton, Ohio.  
 Gillick Bros., bldg. contrs., 319 W. Stein, St. Louis, Mo.  
 Gillie Machine Co., boilers, tanks, etc., Tonawanda, N. Y.  
 Gillies & Dashiell, canned goods, Quantico, Md.  
 Gillies, Jas., & Sons, stone prod., 14th, L. I. City, N. Y.  
 Gillinder & Sons, chemical & druggists' glassware & engng. spec., State & Deverlaux, Philadelphia, Pa.  
 Gillingham, Frank C., & Son Co., lumber, Norris & Richmond, Philadelphia, Pa.  
 Gillingham, H. F., & Co., scrap iron, 1013 N. Front, Phila., Pa.  
 Gillings, Peter, Co., stone, 737 E. 219th, New York.  
 Gillinsky, M., scrap rubber, Trenton, N. J.  
 Gilliom Lbr. Co., sash, door & blind mfrs., Berne, Ind.  
 Gills, Chas. H., & Son, contractors, Battle Creek, Mich.  
 Gillis & Co., lbr., Heyworth Bldg., Chicago, Ill.  
 Gillis & Geohagan, boiler feeders, hoists, 537 W. B'way, New York.



Gillis, Russell A., architects, Fairmont, W. Va.  
 Gilliison & Carson, architects, Glencoe Bldg., Duluth, Minn.  
 Gillon, Edw. E., masons' & bldrs.' matls., 3944 Geary, San Francisco, Cal.  
 Gillon Machine Co., Waycross, Ga.  
 Gills Mfg. Co., mining picks, Phillipsburg, Pa.  
 Gilman, C. H., floor finish, paint, etc., mfr., 103 Merrimac, Boston, Mass.  
 Gilman Canning Co., Gilman, Ia.  
 Gilman, J. P., architects, Gloyd Bldg., Kansas City, Mo.  
 Gilman, J. W., & Son, contractors, 911 W. Clay, Richmond, Va.  
 Gilman Paint & Varnish Co., Chattanooga, Tenn.  
 Gilman, Roger, architect, Gloyd Bldg., Kansas City, Mo.  
 Gilman Snow Guard Co., 103 Merrimac, Boston, Mass.  
 Gilman & Son, machsts, Springfield, Vt.  
 Gilman, Wm., tubular boilers, 1110 Beach, Philadelphia, Pa.  
 Gilman, Wm. D., Co., sulphide soda, 22 S. 3d, Philadelphia, Pa.  
 Gilmartin, Edw., & Sons, lumber mfrs., Ft. Wayne, Ind.  
 Gilmer, L. H., Co., cotton belting mfrs., Tacony, Phila., Pa.  
 Gilmore, A. L., structural engineer, Binghamton, N. Y.  
 Gilmore Bros., contractors, Toledo, Ohio.  
 Gilmore, D. H., Co., mill, facty., plumbers' supplies, jobbers, 515 S. 3d, Minneapolis, Minn.  
 Gilmore Mfg. Co., riding harrows, Burlington, Ia.  
 Gilmore Mfg. Co., cloth mops, etc., 180 N. Dearborn, Chicago, Ill.  
 Gilmore-Puckett Grocery Co., fertz. mfrs., Amory, Miss.  
 Gilmore, R. E., Post, Tex.  
 Gilmore, S., calcined & wall plaster mfrs., Indian Falls, N. Y.  
 Gilmore Tube Scraper Wks., boiler cleaners, Buffalo, N. Y.  
 Gilmour, G. R. Howard, architect, 2415 Guilford av, Baltimore, Md.  
 Gilmour Hogshead Mach. Co., Owensboro, Ky.  
 Gilmour, J. A., pkg. box mfrs., 23 Bond, New York.  
 Gilmour, J. Morrison, cocks & bibbs, 8 W. 40th, New York.  
 Gilmour, R. M., Mfg. Co., asbestos cement, 105 John, New York.  
 Gilpin Carriage Co., Abingdon, Va.  
 Gilpin, Chas., contractors, Harrison Bldg., Philadelphia, Pa.  
 Gilroy, Jas. J., tubular boilers, 24th, Brooklyn, N. Y.  
 Gilson, J. E., contractor, 180 Jessie, San Francisco, Cal.  
 Gilson Mfg. Co., machsts. & fndrs., Port Washington, Wis.  
 Gilsonite Constr. Co., general contractors, Wainwright Bldg., St. Louis, Mo.  
 Gilt Edge Mfg. Co., metal polish, 35 Warren, New York.  
 Gindele, Chas. W., Co., contractors, 3333 La Salle, Chicago, Ill.  
 Gimms, S. R., flour, Pendleton, S. C.  
 Ginn Co., masons' & bldrs.' matls., Ironton, Ohio.  
 Ginn, E. R., sashes, doors & blinds, Vainville, S. C.  
 Ginn, I. L., & Co., fertilizer, Bowman, Ga.  
 Ginnold, Harold H., architect, Northern Bk. Bdg., Seattle, Wash.  
 Ginsburg, S., turpentine, Mossy Head, Fla.  
 Ginsburg, Abraham, architect, 11 Bloomfield, Passaic, N. J.  
 Ginsburg, R. L., Sons Co., scrap iron, 909 Greenwood av, Detroit, Mich.  
 Ginter-Wardein Co., sash, door & blind mfrs., Alton, Ill.  
 Ginther, Wm. P., architect, Everett Bldg., Akron, Ohio.  
 Ginther's, J., Sons Co., iron arch'l, Buffalo, N. Y.  
 Ginzburg, M., billiard tables, 134 Bowery, New York.  
 Ginzel, John, Co., dock bldrs., Buhl blk, Detroit, Mich.  
 Giometti Bros., cut glassware, Corning, N. Y.  
 Giordanni & Co., granite, Quincy, Mass.  
 Giorla Giuseppe, architect, 19 Madeleine av, New Rochelle, N. Y.  
 Gipson, H. M., & Son, sash, door & blind mfrs., Brandon, Vt.  
 Gipson Lumber Co., 405 Lbr. Ex., Minneapolis, Minn.  
 Gipson, W. A., masons' & bldrs.' matls., Upper Sandusky, Ohio.  
 Girard Canning Co., North Girard, Pa.  
 Girard Cornice & Roofing Co., 1022 Ridge, Philadelphia, Pa.  
 Girard Iron Co., blast furnaces, Girard, Ohio.  
 Girard Iron & Metal Co., scrap iron, E. York & Aramingo av, Philadelphia, Pa.  
 Girard Iron Works, fndrs., 22nd & Master, Philadelphia, Pa.  
 Girard Lumber Co., Menominee, Mich.  
 Girard Machine & Tool Co., 491 N. 3d, Philadelphia, Pa.  
 Girard Model Wks., Girard, Pa.  
 Girard Wrench Mfg. Co., Girard, Pa.  
 Girdletree Packing Co., Girdletree, Md.  
 Girnau Mfg. Co., cement mixers, Eau Claire, Wis.  
 Girrback, Paul, cornices, St. Johns pl, Tompkinsville, N. Y.  
 Girtanner-Vavies Engng. & Contrg. Co., Chemical Bldg., St. Louis, Mo.  
 Girtan Belting & Packing Co., Houston, Tex.  
 Girtan-Bowman Supply Co., mill & facty. supplies, Houston, Tex.  
 Gisborne Co., lbr., Montpelier, Vt.  
 Gisholt Machine Co., machine tools, Madison, Wis.  
 Gisriel, Wm., & Son, castings, Federal & Guilford av, Baltimore, Md.  
 Gisselbrecht & Sator, sash, door & blind mfrs., 2025 N. Mozart, Chicago, Ill.  
 Glt Mfg. Co., soap, Westfield, Mass.  
 Githens, Alfred Morton, architect, 52 Vanderbilt av, New York.  
 Gits Brothers Mfg. & Specialty Co., oil cups, grease caps, oil hole covers, 555 W. Monroe, Chicago, Ill.  
 Gits Elec'l Co., hand vacuum cleaners, 1121 Washington pl, Chicago, Ill.  
 Gitt, F. L., & Co., masons' & bldrs.' matls., Roanoke, Va.  
 Gittner Coal & Supply Co., masons' & bldrs.' matls., Waukesha, Wis.  
 Gitzendanner Muller Co., machsts., 15 Vandewater, New York.

Giudici Bros. & Co., granite, Barre, Vt.  
 Given & Given, architects, Charleston, W. Va.  
 Given, R., & Son Co., harness mfrs., Sidney, Ohio.  
 Givens, G. O., canned goods, Buchanan, Va.  
 Givinner, Joseph M., architect, 14 Mariner, Buffalo, N. Y.  
 Givyn-Harper Mfg. Co., blankets, Patterson, N. C.  
 G. & J. Tire Co., Indianapolis, Ind.  
 Glacier Metal Co., packing mfrs., Hull & 22d, Richmond Va.  
 Gladbrook Pressed Brick & Tile Co., Gladbrook, Ia.  
 Gladden, C. S., lumber, Memphis, Tenn.  
 Gladding, B. F., & Co., chalk lines, S. Otselic, N. Y.  
 Gladding, C. B., spokes, hubs (wagon), Geneva, Ohio.  
 Gladding, McGean & Co., brick, chimney tops & potteries, Crocker Bldg., San Francisco, Cal.  
 Glade, Henry, Milling Co., flour, Grand Island, Neb.  
 Glade, John, & Sons, contractors, Batavia, N. Y.  
 Glade Valley Milling Co., flour, Walkersville, Md.  
 Glader, Wm., machsts., 210 N. Ann, Chicago, Ill.  
 Gladfelter & Chambers, contractors, 729 Roland av., Baltimore, Md.  
 Gladwin & Lane, masons' & bldrs.' matls., Westfield, Mass.  
 Gladys Canning Co., Gladys, Va.  
 Glanzer & Co., electric magnets, 33 W. 34th, New York.  
 Glafey, F. A., Keenan Bldg., Pittsburgh, Pa.  
 Glamorgan Pipe & Foundry Co., machsts. & fndrs., Lynchburg, Va.  
 Glandorf, C. H., contractor, 8th & Plum, Cincinnati, Ohio.  
 Glasby, J. F., Lbr. Co., 9 Badger av, Newark, N. J.  
 Glascock Bros. Mfg. Co., washing machines, children's carriages, Muncie, Ind.  
 Glaser, A., metal spinning, 61 Frankfort, New York.  
 Glaser Co., fertilizer mfrs., Plainfield, N. J.  
 Glaser-Crandell Co., canned goods, 2006 S. Western av, Chicago, Ill.  
 Glaser, Emile F., architect, Gerke Bldg., Cincinnati, Ohio.  
 Glaser, Rohrer & Co., store fixtures, 502 E. 74th, New York.  
 Glaser & Schwartz, brewery archs., Cincinnati, Ohio.  
 Glaser, Wm. A., cornices & skylights, Covington, Ky.  
 Glasgow Canning Co., Glasgow, Mo.  
 Glasgow Iron Co., steel struct. mills, Pottstown, Pa.  
 Glasgow Iron Wks. & Supply Co., 28 West, New York.  
 Glasgow Milling Co., flour, Glasgow, Mo.  
 Glasow, Fred, agricultural implements, Fond du Lac, Wis.  
 Glass Brick Co., brick mfrs., 1st Nat. Bk. Bldg., Cincinnati, O.  
 Glass & Butner, architects, Republican Bldg., Fresno, Cal.  
 Glass, J. E., Lumber Co., 1129 Plymouth Bldg., Minneapolis, Minn.  
 Glass, Jas. A., archl. iron, 220 Devonshire, Boston, Mass.  
 Glass, Robt., & Co., Troy, N. Y.  
 Glasscock Stove & Mfg. Co., Greensboro, N. C.  
 Glasser & Co., architects, 70 Manhattan, New York.  
 Glassford & Dodd, masons' & bldrs.' matls., 6th, Jersey City, N. J.  
 Glattfelter, P. H., Co., paper & pulp mills, Spring Grove, Pa.  
 Glatt, Jacob, cornices, 3640 Dickens av, Chicago, Ill.  
 Glauber Brass Mfg. Co., plumbers' goods, etc., 4817 Superior, Cleveland, Ohio.  
 Glauber, M., & Co., basin wrenches, traps, chains, washers, plugs, etc., 103 Varick, New York.  
 Glauber, Sam S., plumbers, mill & facty. supplies, jobbers, 242 E. 79th, New York.  
 Glaubitz, R. B., ties, poles & posts, Wittenberg, Wis.  
 Glaze, Robert, contractor, Humboldt Bk. Bldg., San Francisco, Cal.  
 Glazier Headlight Co., Rochester, N. Y.  
 Gleason, E. P., Mfg. Co., elec. & gas light fixtures & mica chimneys, 37 Murray, New York.  
 Gleason, Frederick, contractor, Rochester, N. Y.  
 Gleason, Jno. L., boxes, Jamaica Plains, Boston, Mass.  
 Gleason Lumber Co., Van Wert, Ohio.  
 Gleason-Peters Air Pump Co., 384 Classon av, Brooklyn, N. Y.  
 Gleason, Thos. E., foundrinier wire, cylinder molds, etc., E. Newark, N. J.  
 Gleason, Thos. Jay, baseball score bks., 1552 Bergen, Brooklyn, N. Y.  
 Gleason, Thos. L., architect, 45 Maiden la., Albany, N. Y.  
 Gleason-Tiebout Glass Co., bottles, arc lamps, etc., 93 Commercial, Brooklyn, N. Y.  
 Gleason, W. J., Co., contractors, Aitkin, Minn.  
 Gleason Wks., iron founders, gears, gear planers, etc., Rochester, N. Y.  
 Gleckler, Fred, brick & tile, Oak Harbor, Ohio.  
 Gleckler, Geo., brick & tile, Elmore, Ohio.  
 Gledhill, A. C., sashes, doors & blinds, Galion, Ohio.  
 Gledhill & Co., machy. dtrs., Bridgeport, Conn.  
 Gledhill Wall Paper Co., 541 W. 34th, New York.  
 Gleek, Albert, & Son, contractors, Paterson, N. J.  
 Gleanor, C. M., architect, Bowling Green, Ky.  
 Gleim, Geo., Jr., architect, 149 B'way, New York.  
 Glen, Allan, Oil Mill, meal, Glen Allan, Mo.  
 Glen Alpine Milling Co., flour, Glen Alpine, N. C.  
 Glen-Gery Shales Brick Co., Reading, Pa.  
 Glen Mfg. Co., sashes, doors & blinds, Glen Rock, Pa.  
 Glenn-Martin Co., aeroplanes & supplies, Los Angeles, Cal.  
 Glen Mills Paper Co., Stephen Girard Bldg., Philadelphia, Pa.  
 Glen Raven Cotton Mills, Burlington, N. C.  
 Glen Union Supply Co., lbr. mfrs., Pottsville, Pa.



- Glen View Brick Co., common, Clarksburg, W. Va.  
 Glen Wagon & Car Corp., Cortland, N. Y.  
 Glencairn Mfg. Co., shoe laces, Pawtucket, R. I.  
 Glencoe Cotton Mills, twine, Columbia, S. C.  
 Glencoe Distillery Co., Louisville, Ky.  
 Glencoe Fdry. & Machine Co., Glencoe, Minn.  
 Glencoe Granite Co., W. Quincy, Quincy, Mass.  
 Glencoe Lime & Cement Co., Syndicate Tr. Bldg., St. Louis, Mo.  
 Glencoe Mills, cotton flannels, Burlington, N. C.  
 Glencoe Turpentine Co., New Smyrna, Fla.  
 Glendale Elastic Fabrics Co., elastic webbing, Easthampton, Mass.  
 Glendale Lbr. Co., Glendale, Ore.  
 Glendale Mfg. Co., clothes line reels, & ice picks, 1 Madison av, New York.  
 Glenmore Distilleries Co., Louisville, Ky.  
 Glenn Canning Co., Prospect, Va.  
 Glenn, Fred E., cast iron soil pipes & fittings, St. Charles, Ill.  
 Glenn, Hugh, & Co., masons' & bldrs.' matls., The Dalles, Ore.  
 Glennie, John, soap, North Andover, Mass.  
 Glenny, Wm., Glass Co., fruit jar wrenches, 10 W. Commerce, Cincinnati, Ohio.  
 Glenola Cotton Mills, Eufaula, Ala.  
 Glens Falls Mach. Wks., Glens Falls, N. Y.  
 Glens Falls Portland Cement Co., Glens Falls, N. Y.  
 Glenshaw Glass Co., glass bottles, Glenshaw, Pa.  
 Glenside Woolen Mills, woolen carriage cloth, Skaneateles Falls, N. Y.  
 Glenwood Lumber Co., San Jose, Cal.  
 Glenwood Lumber & Mfg. Co., Glenwood Springs, Colo.  
 Glesenkamp, L. E., carriages, 319 Liberty, Pittsburgh, Pa.  
 Glessing Milling Co., flour, Farmington, Mo.  
 Glessner Co., gray iron castings, Whitaker, Ohio.  
 Gleye Hardware Co., wholesale, Grand Rapids, Mich.  
 Glick, Harris, waste cotton & wool, Worcester, Mass.  
 Glick, Jacob, architect, 112 E. 6th, Newport, Ky.  
 Glick & Weitzel, contractors, Lorain, Ohio.  
 Glidden, Edw. H., architect, Garrett Bldg., Baltimore, Md.  
 Glidden, Guy A., lbr., New Market, N. H.  
 Glidden, H. W., architect, Wright & Callender Bldg., Los Angeles, Cal.  
 Glidden Mfg. Co., butter printing & cutting machs., Beverly, Mass.  
 Glidden Varnish Co., 1755 W. Madison, Cleveland, Ohio.  
 Glidden, W. L., ladders, 1035 Atlantic av, Brooklyn, N. Y.  
 Glidden, Wilmot, & Son, hand & power vacuum cleaners, Oak Park, Ill.  
 Glide Road Machine Co., 501 S. E. Huron, Minneapolis, Minn.  
 Globe Automobile Sprinkler, 2035 Washington av, Phila., Pa.  
 Globe, B. G., architect, Robinson Arcade Bldg., Tulsa, Okla.  
 Globe Boiler Compound Co., Binghamton, N. Y.  
 Globe Brass Fndry., 60 Elm, Cincinnati, Ohio.  
 Globe Brass Mfg. Co., machsts. & fndrs., 5532 Perkins ct, N. E., Cleveland, Ohio.  
 Globe Bldg. Co., contractors, 443 Broad, Newark, N. J.  
 Globe Canning Co., Eastport, Me.  
 Globe Casket Mfg. Co., Kalamazoo, Mich.  
 Globe Chemical Co., battery chemicals, Murray rd, Cincinnati, O.  
 Globe Cotton Mills, Augusta, Ga.  
 Globe Counter Co., Haverhill, Mass.  
 Globe Dredging Co., Savannah, Ga.  
 Globe Ear Phone Co., audiphones, 88 Tremont, Boston, Mass.  
 Globe Elec. Co., machsts., 6340 Stony Island av, Chicago, Ill.  
 Globe Elec. Co., storage batteries, 195 B'way, Milwaukee, Wis.  
 Globe Fertilizer Co., Louisville, Ky.  
 Globe Foundry & Machine Works, Niles, Ohio.  
 Globe Fdry. & Mach. Co., Sheboygan, Wis.  
 Globe Furniture Co. (Ltd.), Northville, Mich.  
 Globe Gas Light Co., gasoline, alcohol & kerosene specialties, 25 Union, Boston, Mass.  
 Globe Grain & Milling Co., Los Angeles, Cal.  
 Globe Granite Co., Montpelier, Vt.  
 Globe Iron Co., blast furnaces, Jackson, Ohio.  
 Globe Iron Fndry. Co., Johnstown, Pa.  
 Globe Iron & Metal Co., scrap iron & rubber, 117 E. York, Baltimore, Md.  
 Globe Iron Roofing & Corrugating Co., Newport, Ky.  
 Globe Iron Wks., Duluth, Minn.  
 Globe Iron Wks., fndrs., Erie, Pa.  
 Globe Iron Wks., machsts. & fndrs., Sacramento, Cal.  
 Globe Iron Wks., machsts. & fndrs., Tacoma, Wash.  
 Globe Jewelry Case Co., 127 Spring, New York.  
 Globe Leather Belting Co., 519 Atlantic av, Boston, Mass.  
 Globe Lumber Co., Globe, Wash.  
 Globe Mach. Co., Davenport, Ia.  
 Globe Mach. & Fdry. Co., Tackawana & Church, Fkd., Phila., Pa.  
 Globe Machine & Stamping Co., 1250 W. 76th, Cleveland, Ohio.  
 Globe Machy. & Supply Co., Des Moines, Ia.  
 Globe Malleable Iron & Steel Co., 101 Greenway av, Syracuse, N. Y.  
 Globe Mfg. Co., machsts., Battle Creek, Mich.  
 Globe Mfg. Co., towels, Gaffney, S. C.  
 Globe Mfg. Co., screw & washing machs., Perry, Ia.  
 Globe Mfg. Co., paint & varnish mfrs., Peoria, Ill.  
 Globe Mattress Mfg. Co., 164 North, Boston, Mass.  
 Globe Metal Co., fndrs., 1970 Clybourn av, Chicago, Ill.  
 Globe Milling Co., flour, Watertown, Wis.  
 Globe Nickel Plating Co., 15 Chardon, Boston, Mass.  
 Globe Optical Co., goggles, 403 Washington, Boston, Mass.  
 Globe Packing Box Co., Washington & I. C. R. R. crossing, New Orleans, La.  
 Globe Paper Box Co., 105 Jefferson, Chicago, Ill.  
 Globe Paper Co., Evansville, Ind.  
 Globe Porcelain Co., Trenton, N. J.  
 Globe Pressed Brick Co., Ferris, Tex.  
 Globe Razor Co., Fremont, Ohio.  
 Globe Refining Co., lubricating oils, 934 Rose Bldg., Cleveland, O.  
 Globe Register Co., 412 E. 6th, Cincinnati, Ohio.  
 Globe Rubber Tire Mfg. Co., Trenton, N. J.  
 Globe Seamless Steel Tubes Co., Colby-Abbott Bldg., Milwaukee, Wis.  
 Globe Sheet Metal Co., cornices & skylights, 1413 Platte, Denver, Colo., & Seattle, Wash.  
 Globe Silk Mills, thread, New Haven, Conn.  
 Globe Smoking Pipe Co., Cortland, N. Y.  
 Globe Soap Co., glycerine, etc., United Bank Bldg., Cincinnati, O.  
 Globe Spec. Machy. Co., 128 N. Jefferson, Chicago, Ill.  
 Globe Steam Boiler & Iron Wks., 349 Eddy, Providence, R. I.  
 Globe Steel Co., steel chilled shot, Mansfield, Ohio.  
 Globe Stove & Range Co., elec. cooking app., Kokomo, Ind.  
 Globe Ticket Co., 112 N. 12th, Philadelphia, Pa.  
 Globe Trimming & Button Co., 149 W. 23d, New York.  
 Globe Ventilator Co., Troy, N. Y.  
 Globe Vise & Truck Co., Grand Rapids, Mich.  
 Globe-Wernicke Co., filing cabinets and devices, etc., 25 Carthage av, Cincinnati, Ohio.  
 Globe Wire Co. (Ltd.), rods—drill, Sharpsburg, Pa.  
 Globe Wire & Iron Wks., Atkinson av, Milwaukee, Wis.  
 Globe Woven Belting Co., 1398 Clinton, Buffalo, N. Y.  
 Gloekler, Bernard, Co., butchers' machy. & supplies, 1127 Penn av, Pittsburgh, Pa.  
 Glogau & Co., alcohol stoves, 180 N. Dearborn, Chicago, Ill.  
 Glockner, Alexander M., cornices & skylights, Portsmouth, Ohio.  
 Gloninger & Co., front brick, Arrott Bldg., Pittsburgh, Pa.  
 Glor Bros. & Willis Mfg. Co., stalls, machsts., Attica, N. Y.  
 Gloria Light Co., gasoline lamps, 1100 Wash. blvd, Chicago, Ill.  
 Gloucester Isinglass & Glue Co., Gloucester, Mass.  
 Gloucester Net & Twine Co., Gloucester, Mass.  
 Gloucester Oiled Clothing Co., Gloucester, Mass.  
 Glove Creek Canning Co., Montvale, Va.  
 Glove Varnish Co., 6125 Butler, Pittsburgh, Pa.  
 Glover Bros., machsts. & fndrs., Paul & Vandyke, Phila., Pa.  
 Glover, Geo. J., contractor, 1022 Whiting, New Orleans, La.  
 Glover, H. W., wood handles, West Millbury, Mass.  
 Glover, Horatio M., & Son, gum substitutes, Mattapan, Boston, Mass.  
 Glover, J. G., architect, 222 Navy, Brooklyn, N. Y.  
 Glover Machine Works, Marietta, Ga.  
 Glover, W. H., Co., masons' & bldrs.' matls., Rockland, Me.  
 Gloversville Auto Glove Co., Gloversville, N. Y.  
 Gloversville Knitting Co., knitted gloves, Gloversville, N. Y.  
 Gloversville Silk Mills, knitted gloves, Gloversville, N. Y.  
 Glowacki, John B., Co., cornices, 1440 W. 47th, Chicago, Ill.  
 Glucroft & Glucroft, architects, 729 Flushing av, Brooklyn, N. Y.  
 Glunz Saddlery Co., Fort Scott, Kans.  
 Glynn Canning Co., Brunswick, Ga.  
 Glynn, John W., contractor, Middletown, Conn.  
 Glysson, Eugene C., granite, Barre, Vt.  
 Gminer, C., brick, Waupaca, Wis.  
 Gnu Sales Corp., copy holders, Monadnock Bldg., San Fran., Cal.  
 Goat, Fred, Co., book binders' machy., 10 Reade, New York.  
 Goble, Floyd S., contractor, Port Jervis, N. Y.  
 Goble, Frank N., contractor, 1 E. 42d, New York.  
 Goble, J. H., & T. C., ship bldrs., Oswego, N. Y.  
 Goblet, Wm. H., pumps, tanks, etc., 32 Old Slip, New York.  
 Goby Engine Co., machsts., Cleveland, Ohio.  
 Gochenour, W. J., flour mills, Penn Laird, Va.  
 Godbeer, Hy., granite, Fitchburg, Mass.  
 Godart, Jules, architect, 328 Montgomery, San Francisco, Cal.  
 Godby, W. H., & Bro., cornices & skylights, Harrison, N. J.  
 Godchaux Brick Co. (Ltd.), Abbeville, La.  
 Goddard & Co., flour mills, Estill Springs, Tenn.  
 Goddard, F. A., & Co., shoe counters, Lynn, Mass.  
 Goddard, F. H., masons' & bldrs.' matls., 520 Franklin, Detroit, Mich.  
 Goddard, Fred A., architect, Plymouth, Mass.  
 Goddard, H. I., architects, Reliance Bldg., Kansas City, Mo.  
 Goddard, John E., machsts. & fndrs., Spencer, Mass.  
 Goddard Pickle & Preserve Co., canned goods, Ogden, Utah.  
 Goddard, Simon, architect, Sheridan, Wyo.  
 Goddard Tool Co., cutters, jigs, gauges, etc., 351 W. Chicago, Chicago, Ill.  
 Goddard, Vallis V., contractor, Holyoke, Mass.  
 Goddard, Wm. M., architect, Cohoes, N. Y.  
 Godel, E., & Sons, meat packers, Peoria, Ill.  
 Godfrey, B. C., & Sons, masons' & bldrs.' matls., Elkhart, Ind.  
 Godfrey & Bolger, roll coverers, textile machy., Adams, Mass.  
 Godfrey, C. H., & Son, canned goods, Benton Harbor, Mich.  
 Godfrey, E. E., machsts. & fndrs., Ithaca, N. Y.  
 Godfrey, E. J., Co., tex. machy., roll coverers, No. Adams, Mass.  
 Godfrey, G. R., harness, saddles & strap wk., Gardner, Mass.  
 Godfrey, H. M., agricultural implements, Jonesburg, Mo.  
 Godfrey, Jas. A., & Co., bldg. contrs., Wainwright Bldg., St. Louis, Mo.



- Godfrey-Keeler Co., mill & facty. supplies, engines, boilers, etc., 70 Warren, New York. *See adv index at end of book.*
- Godfrey, L. N., Co., lumber, 66 Congress, Boston, Mass.
- Godfriaux & Kauffmann, stone, 2115 Girard, Chicago, Ill.
- Godkin, John, lbr. mfrs., Bay City, Miss.
- Godley, Fredk. A., architect, 15 E. 40th, New York.
- Godley, S. S., & G. H., architect, Neave Bldg., Cincinnati, Ohio.
- Godsey & Fry, armature rewinding, Richmond, Va.
- Godwin, Alfred, glass stainers, 2217 Chestnut, Philadelphia, Pa.
- Godwin Constr. Co., 251 4th av, New York.
- Godwin, Thos. W., & Co., engines, iron forgings, etc., Norfolk, Va.
- Goebel, J., & Co., clays, crayons, etc., 129 Maiden la, New York.
- Goecke, Jos., brick, Maria Stein, Ohio.
- Goedde, B. & Co., lbr. mfrs., Weber & Illinois av, East St. Louis, Ill.
- Goehner, Chas., archl. iron, Racine, Wis.
- Goelitz, Henry G., contractor, Oak Park, Ill.
- Goeller, H. R., fndr., 406 Frelinghuysen av, Newark, N. J.
- Goeller's, M. G., Sons, corn brooms, Circleville, Ohio.
- Goenner, Albert, architect, Bliss Bldg., Washington, D. C.
- Goepel, C. F., & Co., fibre washers, 137 E. 13th, New York.
- Goepper, Fred., masons' & bldrs.' matls., 445 N. Holmes av, Indianapolis, Ind.
- Goeppinger, L. & H., horse collars, Brane, Ia.
- Goertz, Aug., & Co., metal nov. & spec., 276 Morris av, Newark, N. J.
- Goerz, C. P., Am. Optical Co., cameras, etc., 317 E. 34th, New York.
- Goes Lithographing Co., calendar pads, 61st & Clark, Chicago, Ill.
- Goes, Oscar, & Co., saws, knives, 1822 W. Lake, Chicago, Ill.
- Goesse & Remmers Bldg. & Constr. Co., 805 Cass av, St. Louis, Mo.
- Goessling, Wm. F., Box Co., Blair av & Mullanphy, St. Louis, Mo.
- Goethe Lumber Co., Whitney, Fla.
- Goethel, Alex. G., cornices, 815 Winnebago, Milwaukee, Wis.
- Goethel, Alfred C., Co., ventilators, 301-303 4th, Milwaukee, Wis.
- Goetjen & Workman, canned goods, 906 Webster, San Francisco, Cal.
- Goetsch & Son, machsts. & fndrs., Naperville, Ill.
- Goette, Rudolph F. A., machst., Rochester, N. Y.
- Goetz Box Anchor Co., New Albany, Ind.
- Goetz, Chas., & Co., wire springs, 2548 S. Kedzie av, Chicago, Ill.
- Goetz-Coleman Mfg. Co., machsts. & fndrs., New Albany, Ind.
- Goetz Co., architects, Yankton, S. Dak.
- Goetz Const. Co., Yanktown, S. D.
- Goetz Pressed Brick Co., New Albany, Ind.
- Goetze Gasket & Packing Co., New Brunswick, N. J.
- Goetze, Siegfried, architect, 6778 Hollywood blvd, Los Angeles, Cal.
- Goetzman, H. W., sash, door & blind mfrs., Rochester, N. Y.
- Goff, Chas. A., architect, 149 Breckenridge, Detroit, Mich.
- Goff, D., & Sons, car plush, tapes, braids, etc., Pawtucket, R. I.
- Goff, E. W., masons' & bldrs.' matls., Cumberland Mills, La.
- Goff, Garner T., contractor, Atlantic City, N. J.
- Goff, Jas. C., Co., masons' & bldrs.' matls., 31 Point, Providence, R. I.
- Goff-Kirby Coal Co., masons' & bldrs.' matls., Electric Bldg., Cleveland, Ohio.
- Goff Lumber Co., Wilkes-Barre, Pa.
- Goff, T. J., machst., Arcadia, La.
- Goff, W. H., masons' & bldrs.' matls., Broadway, Ohio.
- Goffin & Zeifang, gas engines, Niagara Falls, N. Y.
- Gogebic Steam Boiler Wks., Duluth, Minn.
- Gogel Mfg. Co., heaters, Toledo, Ohio.
- Goggin Constr. Co., Arcola, Ill.
- Goben Mfg. Co., paints, Canton, Ohio.
- Gohl, Christian, & Sons, carriages, Williamsport, Pa.
- Gohmann Bros. & Kahler Co., machsts. & fndrs., New Albany, Ind.
- Goiler, Chas. H., sash, door & blind, Hicksville, Ohio.
- Going Mfg. Co., pearl buttons, Amsterdam, N. Y.
- Gokey, Wm. J., & Co., dry docks, Erie Basin, Brooklyn, N. Y.
- Golbert Last Co., wooden shoe lasts, Worcester, Mass.
- Golbranson & Co., granite, S. Quincy, Quincy, Mass.
- Gold Bros. Brick Co., Big Stone City, S. D.
- Gold Car Htg. & Lighting Co., 17 Battery pl, New York.
- Gold Coin Stove Co., Troy, N. Y.
- Gold Medal Camp Furn. Mfg. Co., Racine, Wis.
- Gold Medal Polish Co., floor & furniture polish, etc., Racine, Wis.
- Gold, P., & Co., masons' & bldrs.' matls., Elizabeth, N. J.
- Gold Spring Dist. Co., 1106 N. B'way, St. Louis Mo.
- Gold & Taylor Cut Stone Co., 312 3d av, Brooklyn, N. Y.
- Gold, Walter C., belt dressing, emery wheel mfrs., 235 Race, Philadelphia, Pa.
- Goldbar Lumber Co., Goldbar, Wash.
- Goldberg, Carl I., architect, 437 B'way, Bayonne, N. J.
- Goldberg, Chas. H. & E. S., whol. h'wre, 114 Reade, New York.
- Goldberg-Davidson & Co., buttons, 212 7th av, New York.
- Goldberg Display Fixtures Co., 135 W. 23d, New York.
- Goldberg, E., Iron Wks., 107 Hunterdon, Newark, N. J.
- Goldberg, J., & Son, steel struct. wk., 1737 Charlotte, Kansas City, Mo.
- Goldberg & Kavadlo, arch'l iron, 245 E. 110th, New York.
- Goldberg Ozone Mach. Co., generators, Indianapolis, Ind.
- Goldberg, S. E., cornices & skylights, Boston, Mass.
- Goldberger & Greisen, architects, Perth Amboy, N. J.
- Goldblatt, H., Tool Co., 213 E. 15th, Kansas City, Mo.
- Goldcamp Bros. & Co., masons' & bldrs.' matls. & wholesale h'wre, Ironton, Ohio.
- Goldcamp Mill Co., flour, Ironton, Ohio.
- Golden-Anderson Valve Specialty Co., Fulton Bldg., Pittsburgh, Pa.
- Golden & Bartlett, contractors, Manchester, N. H.
- Golden-Belknap & Swartz Co., machsts., 1248 Grand River av W, Detroit, Mich.
- Golden Belt Mfg. Co., bags & bagging, Durham, N. C.
- Golden & Crick, contractors, 3512 5th av, Pittsburgh, Pa.
- Golden Eagle Milling Co., flour, Petaluma, Cal.
- Golden Elevator & Mill Co., cereal foods, Golden, Ill.
- Golden Fairview Pressed Brick & Fireclay Co., 1801 14th, Denver, Colo.
- Golden Gate Brass & Mfg. Co., fndrs., 48 Tehama, San Francisco, Cal.
- Golden Gate Mfg. Co., brewers' mchys., 9 Desbrosses, New York.
- Golden Gate Packing Co., San Jose, Cal.
- Golden Lumber & Contracting Co., Golden, Ill.
- Golden, P., & Son, brick, Catskill, N. Y.
- Golden State Asparagus Co., canned, 16 California, San Francisco, Cal.
- Golden State Canning Co., Ontario, Cal.
- Golden State & Miners' Iron Wks., 249 1st, San Francisco, Cal.
- Golden State Portland Cement Co., Los Angeles, Cal.
- Golden West Motors Co., Sacramento, Cal.
- Golden West Plating Wks., electro plating, 131 Mission, San Francisco, Cal.
- Goldenblum, Wm., & Co., whol. h'dwe, 17 Murray, New York.
- Goldendale Garage, machsts., Goldendale, Wash.
- Goldendale Milling Co., feed mill, Goldendale, Wash.
- Golden's Foundry & Machine Co., Columbus, Ga.
- Goldfein, E. H., architect, Reserve Trust Bldg., Cleveland, Ohio.
- Goldie, Robert, Co., contractors, 19 S. La Salle, Chicago, Ill.
- Goldie, Wm., Jr., lbr. mfrs., Bay City, Mich.
- Golding Mfg. Co., machsts. & fndrs., Franklin, Mass.
- Golding Sons Co., potters' supplies, feldspar miners, Trenton, N. J.
- Goldingay Bros. Co., sash, door & blind mfrs., 88 E. Kinney, Newark, N. J.
- Goldman, A., masons' & bldrs.' matls., Victoria, Tex.
- Goldman, A., & Co., scrap iron & steel, 2580 W. Jefferson, Detroit, Mich.
- Goldman, Harold, architect, 47 W. 34th, New York.
- Goldman, Philip, plate glass, 81 Greene, New York.
- Goldmark, Jas., Co., staples, brushes, compounds, 81 Warren, New York.
- Goldner, David, architect, Highland Bldg., Pittsburgh, Pa.
- Goldner & Goldberg, architects, 391 E. 149th, New York.
- Goldrich, Phillip, architect, 326 E. 98th, New York.
- Goldrick, Philip, brick, Kingston, N. Y.
- Goldsboro Buggy Co., carriages, Goldsboro, N. C.
- Goldsboro Lumber Co., Dover, N. C.
- Goldschmidt-Detinning Co., 120 B'way, New York.
- Goldschmidt, M., & Co., machsts., 542 S. Clark, Chicago, Ill.
- Goldschmidt Thermit Co., thermit process welding, rail bonds, etc., 120 B'way, New York.
- Goldsmith Bros. Smelting & Refining Co., Heyworth Bldg., Chicago, Ill.
- Goldsmith, C. A., brass fndr., 42 Cutler, Newark, N. J.
- Goldsmith & Chatfield, contractors, 672 W. Main, Waterbury, Conn.
- Goldsmith, F. L., lumber, 19 Chardon, Boston, Mass.
- Goldsmith, Franklin, & Son, contractors, Catasaugua, Pa.
- Goldsmith, Jacob S., architect, Wheeler Bldg., Columbus, Ohio.
- Goldsmith, L., & Son, hdwe. mfrs., Cherry, Newark, N. J.
- Goldsmith Metal Lath Co., 53 Central av, Cincinnati, Ohio.
- Goldsmith, Stern & Co., sewing thimbles, 33 Gold, New York.
- Goldsmith & Tuthill, masons' & bldrs.' matls., Cutchogue, N. Y.
- Goldsmith's, P., Sons, base ball mfrs., etc., John, Findlay & Charlotte, Cincinnati, Ohio.
- Goldstein, Eli W., architect, 47 Niagara, Buffalo, N. Y.
- Goldstein Eng. Co., fire alarms, 45 Maiden la., New York.
- Goldstein, I. J., Co., architects, Ohio Bldg., Akron, Ohio.
- Goldstein, Irwin, contractor, Plymouth Bldg., Minneapolis, Minn.
- Goldstein, Jos. (Est. of), metallic shades, 323 Pearl, New York.
- Goldstein, Louis, plate glass, 197 Bowery, New York.
- Goldstein, Molse H., architect, Title Guarantee Bldg., New Orleans, La.
- Goldstein's, L., Sons, scrap brass, iron & steel, Allegheny bet. Richmond, Philadelphia, Pa.
- Goldstone, Jos., horse & coat hair, 335 B'way, New York.
- Goldstone, Tobias, architect, 50 Graham av, Brooklyn, N. Y.
- Goldwaite, C. D., contractor, Marsh-Strong Bldg., Los Angeles, Cal.
- Goldwater, J. M., scrap rubber, 943 N. American, Philadelphia, Pa.
- Goll, John, & Co., building contractors, 1539 Filbert, Philadelphia, Pa.
- Golley & Finley Iron Wks., machsts & fndrs., Lima, Ohio.
- Gollik & Smith, concrete steel const., 162 E. 23d, New York.



- Gollmar, E. T., machsts. & fndrs., Baraboo, Wis.  
 Gollner, Phillip, Co., plumbers', mill & facty. supplies, W. 33d & Archer av, Chicago, Ill.  
 Golucke, C. H., & Son, masons' & bldrs.' matls., Crawfordsville, Ga.  
 Gomer, John, mill & facty. supplies, Frederick, Md.  
 Gompert, Wm. H., architect, 171 Madison av, New York.  
 Gomperts, Chas. W., contractors, 503 Market, San Francisco, Cal.  
 Gomph, Hy. G., & Co., hdwe. mfrs., Albany, N. Y.  
 Gomer, John, mill supplies, Frederick, Md.  
 Gondert & Lienesch, packing box mfrs., Dayton, Ohio.  
 Gong Bell Mfg. Co., East Hampton, Conn.  
 Gonser, Jno. R., lumber, Kutztown, Pa.  
 Gonzales Cotton Mill Co., Gonzales, Tex.  
 Gonzales Cotton Oil & Mfg. Co., meal, Gonzales, Tex.  
 Gonzalez, Andres, beeswax, crude rubber, 82 Pine New York.  
 Goo & Hopkins, lumber, machy., Delevan, N. Y.  
 Gooch-Edenton Hardware Co., Jackson, Tenn.  
 Gooch Milling & Elevator Co., flour, Lincoln, Neb.  
 Good Bros., brick, South English, Ia.  
 Good Bros. Leather Co., 142 Frelinghuysen av, Newark, N. J.  
 Good, Charles, architect, Grand Island, Neb.  
 Good, Geo. S., Fire Brick Co., Patton, Pa.  
 Good Housekeeping Co., elec. cooking apparatus, Berkeley, Cal.  
 Good, J. R., & Co., sash, door & blind, Colfax, Wash.  
 Good, James, soap, 939 N. Front, Philadelphia, Pa.  
 Good Mfg. Co., pipe straps, tank balls, etc., 305 E. 134th, New York.  
 Good Pine Lumber Co., Goodpine, La.  
 Good Roads, trade publication, 150 Nassau, New York.  
 Good Roads Machy. Co., Kennett Square, Pa.  
 Good Tool & Supply Co., mill, factory & steamfitters' supplies, Lima, Ohio.  
 Good & Craft, elec. light fix. mfrs., 514 N. Eutaw, Baltimore, Md.  
 Good & Lee, contractors, Frankfort, Ind.  
 Goodale Co., machsts. & fndrs., Kalamazoo, Mich.  
 Goodall Hammock Co., Westbrook, Me.  
 Goodall, J. B., & Sons Co., masons' & bldrs.' matls. & contr., Peru, Ind.  
 Goodall Rubber Co., 19 N. 7th, Philadelphia, Pa.  
 Goodbody, Wm., envelopes, 505 W. B'way, New York.  
 Goode Canning Co., Henry, Va.  
 Goode & Hayward, masons' & bldrs.' matls., Springfield, Ohio.  
 Goode, R. L., & Sons, canned goods, Buchanan, Va.  
 Goode, W. P., Brush Co., 136 North, Boston, Mass.  
 Goodell Co., agricultural implements, Antrim, N. H.  
 Goodell Granite & Marble Co., Burlington, Vt.  
 Goodell, J. H., & Son, machsts., Marseilles, Ill.  
 Goodell Mfg. Co., boring tools, machsts., Greenfield, Mass.  
 Goodell-Pratt Co., 1,700 kinds of carpenters' and machinists' hand tools, Greenfield, Mass.  
 Goodell, Skiles Lumber Co., Chandlerville, Ill.  
 Goodell Tool Co., machsts. & fndrs., Shelburne Falls, Mass.  
 Goodell, Zina, mill & facty. supplies, Salem, Mass.  
 Goodenow-Brookfield Knitting Co., sweaters, cardigans, etc., 420 B'way, Kansas City, Mo.  
 Goodenow & Ginn, contractors, 435 Vinewood, Detroit, Mich.  
 Goodfarb, Chas., elec. & gas light fixtures, 219 Grand, New York.  
 Goodfellow, Irving, archt., Boston Bldg., Salt Lake City, Utah.  
 Goodfellow's, W. H., Sons, wholesale hdwe., Altoona, Pa.  
 Goodhue, Bertram G., architect, 2 W. 47th, New York.  
 Goodin, R. G., brick, Lebanon, Ky.  
 Goodin, Reid & Co., cloth, 3304 Beekman, Cincinnati, Ohio.  
 Goodland Cypress Co., lumber, Hibernia Bldg., New Orleans, & Chacahoula, La.  
 Goodland, Geo. W., contrs., S. W. cor 16th & White, Kansas City, Mo.  
 Goodlander Milling Co., flour, Fort Scott, Kans.  
 Goodlander-Robertson Lumber Co., Memphis, Tenn.  
 Goodlatte & Sons, oil cloth mfrs., Delawanna, N. J.  
 Goodlin, J. O., Son & Co., masons' & bldrs.' matls., Toronto, O.  
 Goodline Mfg. Co., index cards & brackets, Kent, Ohio.  
 Goodman Auto Body Co., 1737 B'way, New York.  
 Goodman Contracting Co., 263 E. 133d, New York.  
 Goodman, E. & Co., contrs., La Salle, Ill.  
 Goodman Engine & Machine Co., machsts. & fndrs., S. 15th & Muriel, Pittsburgh, Pa.  
 Goodman & Gavin, pkg. box mfrs., 248 Metropolitan av, Brooklyn, N. Y.  
 Goodman, John, contractor, 2133 Florence av, Cincinnati, Ohio.  
 Goodman, K. S., Co., lbr., 80 E. Jackson blvd, Chicago, Ill.  
 Goodman, K., & Son, cornices, Chester, Pa.  
 Goodman Lumber Co., Goodman, Wis.  
 Goodman Mfg. Co., mining machy., Halsted & 48th pl, Chicago, Ill.  
 Goodman, W. A., fndrs., Waterloo, Ia.  
 Goodman, W. W., contractor, Canton, Ohio.  
 Goodmiller, Preston V., architect, Stockton, Ill.  
 Gardner Pump & Mfg. Co., Rocky Ford, Colo.  
 Goodnow & Blake Mfg. Co., carbureter floats, 4th & Porter, Detroit, Mich.  
 Goodnow, E. J., lbr., Parkhill, N. H.  
 Goodnow, L. H., Foundry Co., emery grinders, fly wheels, etc., Fitchburg, Mass.  
 Goodpasture & Tenison, harness, saddles, etc., Nashville, Tenn.  
 Goodrich, B. F., Co., rubber belting, Akron, Ohio, and Broad & Spring Garden, Philadelphia, Pa.  
 Goodrich, B. F., Rubber Co., belting mfrs., 1925 Michigan av, Chicago, Ill.  
 Goodrich, C. E., stone, Auburn, N. Y.  
 Goodrich, Chas. W., brick, Wheatland, Wyo.  
 Goodrich & Clark, architects, Augusta, Ga.  
 Goodrich & Goodrich, architects, Abingdon Bldg., Portland, Ore.  
 Goodrich, H. M., saws, Bellingham, Wash.  
 Goodrich, J. F., & Co., carriages, New Haven, Conn.  
 Goodrich, W. J., fertilizer, Royal Center, Ind.  
 Goodrich, W. S., brick, Epping, N. H.  
 Goodrich, Wm., & Co., linseed oil & cake mills, 30th & Hopkins, Milwaukee, Wis.  
 Goodrich, Wm. F., architect, 3298 Jefferson E., Detroit, Mich.  
 Goodrum, John W., contractor, Seguin, Tex.  
 Goodsell, B. J., Hdw. Co., cornices & skylights, Ludington, Mich.  
 Goodsell Mfg. Co., sashes, doors & blinds, Toledo, Ohio.  
 Goodspeed Machine Co., Winchendon, Mass.  
 Goossen, Stephen B., architect, 92 B'way av, Detroit, Mich.  
 Goodville Bros., packing box & box shooks mfrs., 10 La Salle, Chicago, Ill.  
 Goodwater Fertilizer Co., Goodwater, Ala.  
 Goodwillie Bros., lumber & packing box mfrs., 10 S. La Salle, Chicago, Ill.  
 Goodwillie, D. M., Co., packing box mfrs., 22d & Allport, Chicago, Ill.  
 Goodwin Bros., common brick, Minonk, Ill.  
 Goodwin Bros. Pottery Co., Elmwood, Conn.  
 Goodwin, Bullard & Woolsey, architect, 4 E. 39th, New York.  
 Goodwin, C. E., & Sons, woolen blankets, Cumberland Gap, Tenn.  
 Goodwin Car Co., 17 Battery pl, New York.  
 Goodwin, E. S., architect, 42 Westminster, Providence, R. I.  
 Goodwin, F. C., cornices, 5556 Arch, Philadelphia, Pa.  
 Goodwin-Gallagher Sand & Gravel Corp., 61 B'way, New York.  
 Goodwin, J. C., underwear folding & cutting machs., 2d & Diamond, Philadelphia, Pa.  
 Goodwin, John A., brick, 27th & Tioga, Philadelphia, Pa.  
 Goodwin, L. P., wood handles, Erin, Tenn.  
 Goodwin Lumber Co., Pleasant Lake, Ind.  
 Goodwin & Mitchell, contractors, Brookline, Mass.  
 Goodwin, P. M., Olaf, Va.  
 Goodwin Preserving Co., canned goods, Louisville, Ky.  
 Goodwin Tile & Brick Co., Des Moines, Ia.  
 Goodyear, A. B., & Co., binders—lumber load, Bloomdale, Ohio.  
 Goodyear Bros., masons' & bldrs.' matls., Carlisle, Pa.  
 Goodyear, C. A., Lumber Co., Tomah, Wis.  
 Goodyear Lbr. Co., Marine Nat. Bank Bldg., Buffalo, N. Y.  
 Goodyear Rubber Co., 787 B'way, New York.  
 Goodyear Rubber Hose & Packing Co., belt dressing, 241 Chestnut, Philadelphia, Pa.  
 Goodyear Rubber Insulating Co., 105 E. 131st, New York.  
 Goodyear Tire & Rubber Co., Akron, Ohio.  
 Goodyear's India-Rubber Glove Mfg. Co., tubing, 503 B'way, New York.  
 Goodyear's Metallic Rubber Shoe Co., Naugatuck, Conn.  
 Googins & Clark, bldg. contrs., Portland, Me.  
 Gooley & Edlund, machsts., Cortland, N. Y.  
 Gooley, W. F., cornices, 1911 W. Fayette, Syracuse, N. Y.  
 Gopher Envelopes Co., 500 S. 5th, Minneapolis, Minn.  
 Gopher Hardware Co., 212 N. 1st, Minneapolis, Minn.  
 Gordon, Jas. L., cornices, Lowell, Mass.  
 Gordon, A. D., heaters, 231 Franklin, Buffalo, N. Y.  
 Gordon, Balch & Lippert, architects, Madison, Wis.  
 Gordon Bros., cotton waste, Hazardville, Conn.  
 Gordon Bros., dumb waiters, 45 Grand, New York.  
 Gordon Bros., curled hair, Pierce & Orthodox, Philadelphia, Pa.  
 Gordon, G. W., contractor, 166 11th, Portland, Ore.  
 Gordon, Geo. W., architect, Law Bldg., Indianapolis, Ind.  
 Gordon, H. L., machsts., West Garland, Me.  
 Gordon, H. W. (Est. of), stencils, Lynn, Mass.  
 Gordon-Hauss-Folk Co., flour, St. Marys, Ohio.  
 Gordon Hollow Blast Grate Co., Greenville, Mich.  
 Gordon, J. P., Co., tire covers, fabrics, etc., Columbus, Ohio.  
 Gordon, J. Riley, architect, 507 5th av, New York.  
 Gordon, L. S., pea pickers, Elizabeth City, N. C.  
 Gordon-Lawless Co., sheet metal goods, Omaha, Neb.  
 Gordon Lumber Co., Middletown, N. Y.  
 Gordon & Madden, architects, 300 Sibley blk., Rochester, N. Y.  
 Gordon Metal Co., tin plate, metals, etc., whol., Richmond, Va.  
 Gordon, Orville E., fire extinguishers, Rays Crossing, Ind.  
 Gordon Piano Co., 709 Whitlock av, New York.  
 Gordon Plumbing & Heating Co., 311 W. 47th, Chicago, Ill.  
 Gordon Primary Battery Co., 30 Church, New York.  
 Gordon Propeller & Mfg. Co., 9001 Desmond av, Cleveland, Ohio.  
 Gordon, R. W., & Co., soap, McKeesport, Pa.  
 Gordon Sand Co., Conneaut, Ohio.  
 Gordon & Smithline, brick, Phoenix, Ariz.  
 Gordon Supply Co., cotton duck, 537 Albany, Boston, Mass.  
 Gordon Supply Co., mill & facty. supplies & machy. dlrs., Chicago Heights, Ill.  
 Gordon & Taylor Const. Co., Century Bldg., Denver, Colo.  
 Gordon Tire & Rubber Co., Canton, Ohio.  
 Gordon, Van Tine Co., grille work, sash, doors & blinds, Davenport, Ia.  
 Gordon, Wm. M., & Son, woolen blankets, Galax, Va.  
 Gordon & Gordon, pea harvesters, Elizabeth City, N. C.



- Gordonsville Milling Co., flour, Gordonsville, Tenn.  
 Gordy, Geo. G., flour, Cusseta, Ga.  
 Gore, Howard M., paper & pulp mills, Freeland, Md.  
 Gore, Simeon T., architect, Walla Walla, Wash.  
 Gorham Bros. Co., machsts. & fndrs., Mount Pleasant, Mich.  
 Gorham Co., Architectural Bronze, 5th av & 36th, New York.  
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 Gorham, D. F., stone producers, Mount Kisco, N. Y.  
 Gorham Engng. Co., machsts., Oakland, Cal.  
 Gorham Fire Apparatus Co., 127 Mission, San Francisco, Cal.  
 Gorham, H. E., machsts., Oneonta, N. Y.  
 Gorham, H. W., cribbage boards, East Norwalk, Conn.  
 Gorlits, S., cornices, 65 Reid av, Brooklyn, N. Y.  
 Gorman, Chas. B., trunk mfrs., 329 N. Howard, Baltimore, Md.  
 Gorman Elec. Co., 315 Minn., St. Paul, Minn.  
 Gorman, Jas. J., cornices, Albany, N. Y.  
 Gorman, M. B., Co., masons' & bldrs.' matls., Defiance, Ohio.  
 Gorman, Thos. C., cotton damasks, Adams & Church, Phila., Pa.  
 Gormley, P. F., Co., bldg. contractors, Union Trust Bldg., Washington, D. C.  
 Gormley, Robt. W., & Co., machsts., Troy, N. Y.  
 Gorndt, C. A., & Co., oven bldrs., 189 W. Madison, Chicago, Ill.  
 Gornell, E., Sons Co., platers' brushes, 547 Quincy, Chicago, Ill.  
 Gorning & Luey, patterns & models, 1112 N. B'way, St. Louis, Mo.  
 Go-Ro Mfg. Co., roof flanges, 826 Baronne, New Orleans, La.  
 Gorrill, C. H., & A. W., contractors, Call Bldg., San Fran., Cal.  
 Gorse, F. W., Co., elastic hosiery, Needham Heights, Mass.  
 Gorse, Wm., & Co., elastic hosiery, Needham Heights, Mass.  
 Gorsline & Swan Const. Co., Rochester, N. Y.  
 Gorton, Geo., Machine Co., 1107 13th, Racine, Wis.  
 Gorton & Lidgerwood Co., steam & hot water heaters, valves, etc., 96 Liberty, N. Y.  
 Goseh Bros. & Sons, sash, door & blind mfrs., 6436 Wentworth av, Chicago, Ill.  
 Goshen Buggy Top Co., Goshen, Ind.  
 Goshen Churn & Ladder Co., Goshen, Ind.  
 Goshen Cornice Wks., sheet metal goods mfrs., Goshen, Ind.  
 Goshen Eyelet Co., Goshen, Ind.  
 Goshen Lightning Rod Co., Goshen, Ind.  
 Goshen Lumber Co., Goshen, Ind.  
 Goshen Mfg. Co., mfrs. of lawn swings, ladders & agricultural implements, Goshen, Ind.  
 Goshen Milk Condensing Co., canned, Goshen, Ind.  
 Goshen Milling Co., flour, Goshen, Ind.  
 Golden Novelty & Brush Co., medicine cabinets, lamps, racks, etc., Goshen, Ind.  
 Goshen Sash & Door Co., Goshen, Ind.  
 Goshen Stamping & Brass Co., machsts., Goshen, Ind.  
 Goshen Sweeper Co., Grand Rapids, Mich.  
 Goshen Veneer Co., Goshen, Ind.  
 Goshen Hardware Co., Charleston, W. Va.  
 Goss Bros., clothes line, Fall River, Mass.  
 Goss, C. B. & F. H., masons' & bldrs.' matls., Melrose, Mass.  
 Goss & Conly, granite prod., West Danville, Vt.  
 Goss, T. H., Brick Co., common, Tacoma, Wash.  
 Goss, J. C., Co., flag mfrs., Detroit, Mich.  
 Goss, J. & E., tex. machy., supplies (Reeds), Fall River, Mass.  
 Goss, John L., Corp., granite, Stonington, Me.  
 Goss, Jos., & Son, machsts. & fndrs., Centerville, Ia.  
 Goss Printing Press Co., 1535 S. Paulina, Chicago, Ill.  
 Goss, W., & Co., masons' & bldrs. matls., Geneseo, Ill.  
 Goss, Wm. Howard, lumber, Paintersville, Pa.  
 Gossard, A. R., mill & facty. supplies, Austin, Tex.  
 Gossert, Hy., classic wood carver, 320 Harmon, Philadelphia, Pa.  
 Gossett, A. F., & Son, fertilizer, Griffin, Ga.  
 Gosso Co., army cots, etc., 14 E. Jackson, Chicago, Ill.  
 Gosweiler, S. O., canned goods, Bel Air Md.  
 Gosweiler, W. L., canned goods, Aberdeen, Md.  
 Gotham Can Co., 60 Eagle, Brooklyn, N. Y.  
 Gotham Knitting Mills, sweaters, bathing suits, 30 W. 21st New York.  
 Gotham Pearl Button Wks., 45 E. 17th, New York.  
 Gothberg, H. & E., machsts. & fndrs., 139 Cator av, Jersey City, N. J.  
 Gotshall Mfg. Co., lumber & cooperage stock, Hawthorne & L. S. & M. S. Ry., Toledo, Ohio.  
 Gott, Francis H., architect, Carter Bldg., Rochester, N. Y.  
 Gotten, D. H., flour mills, Bartlett, Tenn.  
 Gottesleben, Oscar C., architect, Dime Bk. Bldg., Detroit, Mich.  
 Gottfried, A., & Co., organ pipes, Erie, Pa.  
 Gottko, J., & Sons, contractors, Bayonne, N. J.  
 Gottlieb, Albert S., architect, 303 5th av, New York.  
 Gottlieb, I., ale pumps, 306 E. 6th, New York.  
 Gottlieb, M., & Sons, packing box mfrs., 20 Clarke, New York.  
 Gotto, O. W., masons' & bldrs. matls., Michigan City, Ind.  
 Gottron Bros., Co., masons' & bldrs.' mtls., Fremont, Ohio.  
 Gottschalk, Andrew, brick, Berne, Ind.  
 Gottschalk, Chas. E., architect, Phelan Bldg., San Fran., Cal.  
 Gottschalk & Co., pan cleaning machines, Reedsville, Pa.  
 Gottschalk Construction Co., 219 Castle Hall, Indianapolis, Ind.  
 Gottschalk, F. S., Sons, cornices & skylights, Covington, Ky.  
 Gotwald, Robert C., architect, Gotwald Bldg., Springfield, Ohio.  
 Goubert, A. A., hammers, 90 West, New York.  
 Gouge & Ames, architects, 70 Genesee, Utica, N. Y.  
 Gough, Richard, & Co., china wood & soya bean oils, 13 William, New York.  
 Gough, W. L., Co., balata; crude rubber, 13 William, New York.  
 Gould, A. H., architect, Henry Bldg., Portland, Ore.  
 Gould, A. R., & Sons, carriages, Scranton, Pa.  
 Gould, A. W., architect, American Bk. Bldg., Seattle, Wash.  
 Gould & Ash, chemical engrs., 216 Pine, San Francisco, Cal.  
 Gould, Augustus, machst., Norwich, Conn.  
 Gould Balance Valve Co., Kellogg, Ia.  
 Gould, Carl F., architect, Denny Bldg., Seattle, Wash.  
 Gould Co., plumbers supplies, jobbers, 69 N. 12th, Portland, Ore.  
 Gould Coupler Co., machsts. & fndrs. & steel car platforms, 30 E. 42d, New York.  
 Gould & Cutler, paints, 45 Sudbury, Boston, Mass.  
 Gould & Eberhardt, gear hobbing & metal shaping machines, etc., Newark, N. J.  
 Gould, F. P., & Son, contractors, City Nat. Bk. Bldg., Omaha, Nebr.  
 Gould, G. E., carriages, Lake Grove, N. Y.  
 Gould, Geo. C., architect, Prudential Bldg., Buffalo, N. Y.  
 Gould & Gould, architects, 146 Westminster, Providence, R. I.  
 Gould Grain Co., 600 Flour Ex., Minneapolis, Minn.  
 Gould, John F., brick, 339 Durrell av, Cincinnati, Ohio.  
 Gould, Lee, H. & Co., cornices & skylights, 251 Arcade, Cleveland, Ohio.  
 Gould Mfg. Co., lbr., Oshkosh, Wis.  
 Gould-Mersereau Co., hdwe.; machsts. & fndrs., 52 W. 38th, New York.  
 Gould & Nowlen, mill & facty. supplies, Bath, N. Y.  
 Gould Packing Co., Cambridge, Mass.  
 Gould Paper Co., Lyons Falls, N. Y.  
 Gould Storage Battery Co., 30 E. 42d, New York.  
 Gould's, M. Son & Co., machsts. & fndrs., 115 Lafayette, Newark, N. J.  
 Goulds Mfg. Co., pumps, 71 W. Fall, Seneca Falls, N. Y. *See adv index end of book.*  
 Goulet & Co., sahes, doors & blinds, Toledo, Ohio.  
 Gourlay Granite Wks., Westerly, R. I.  
 Gourley, Arthur, & Co., lbr., 11 S. LaSalle, Chicago, Ill.  
 Gouverneur Marble Co., Gouverneur, N. Y.  
 Gove, Hartley, glass tubing, Vineland, N. J.  
 Gove & Walsh, architects, Boston Bldg., Denver, Colo.  
 Gow, Chas. R., Co., contractors, 166 Devonshire, Boston, Mass.  
 Gow, Geo., contractor, Carnegie, Pa.  
 Gowanda Agricultural Wks., Gowanda, N. Y.  
 Gowdey, J. A., Reed & Harness Mfg. Co., 1226 N. Main, Providence, R. I.  
 Gowdy, Francis, Distilling Co., Melrose, Conn.  
 Gower, Fielding, contractor, Yonkers, N. Y.  
 Gowing, D. H., & Co., dairy app. & supplies, 240 W. Jefferson, Syracuse, N. Y.  
 Gowing, D. H. Veneer Co., Portsmouth, Va.  
 Gowing, Frederick H., architect, 18 Tremont, Boston, Mass.  
 Goyen, W. L., contractor, Houston, Tex.  
 Goyme Steam Pump Co., Ashland, Pa.  
 G. & P. Engraving Co., name plates, Wollaston, Mass.  
 Grabe & Helleberg, architects, Columbus, Nebr.  
 Graber, Francis, cornices, 2306 N. 4th, Philadelphia, Pa.  
 Grabler Mfg. Co., conduit hangers & malleable iron castings, 6565 B'way, Cleveland, Ohio.  
 Grabo, E. O., Machine Works, machinery mfrs., 180 Center, New York.  
 Grace Harbor Lumber Co., ties, ft. Western blvd, Detroit, Mich.  
 Grace Varnish Co., 1014 Larrabee, Chicago, Ill.  
 Grace, W. R., & Co., crude rubber, 7 Hanover Sq., New York.  
 Grace, Wm., onyx importers, 123 Liberty, New York.  
 Grace, Wm., Co., contractors, 519 S. Oakley av, Chicago, Ill.  
 Gracey, R., & Sons Co., pile shoes, 115 1st av, Pittsburgh, Pa.  
 Grad, Frank, architect, 245 Springfield av, Newark, N. J.  
 Grade Casket Co., 734 E. 17th, Los Angeles, Cal.  
 Gradin Bros., scrap iron & rubber, Cleveland, Ohio.  
 Grady, F. M., carriages, Butte, Montana.  
 Grady, John, & Son, contractors, Bangor, Me.  
 Grady, M. J., Mixture Mfg. Co., shade or glove holders, 608 1st av, N. Minneapolis, Minn.  
 Grady Mfg. Co., metal polish, Ely av, Brooklyn, N. Y.  
 Grady, Michael, & Son, contractors, Beverly, Mass.  
 Grady, T., contractor, Yonkers, N. Y.  
 Graebert & Sons, machsts. & brass fndrs., 12 Sherman, Detroit, Mich.  
 Graef, Christ, sweaters, etc., 2261 N. 2d, Philadelphia, Pa.  
 Graef & Schmidt, whol. hdwe. & cutlery mfrs., etc., 107 Chambers, New York.  
 Graeser Mfg. Co., advtg. novelties, 55 Taggart, Pittsburgh, Pa.  
 Graf, Fred, architect, Matthews Bldg., Milwaukee, Wis.  
 Graf, Henry C., contractor, Baraboo, Wis.  
 Graf, Jos., machst. & fndr., 886 Park av, Brooklyn, N. Y.  
 Graf, Martin, archit'l iron, 279 Avenue B, New York.  
 Graf-Morsbach Co., harness, saddles & strap wk., Flint & Wade, Cincinnati, Ohio.  
 Graff, A., & Sons, bank railings, 39 Shipley, San Francisco, Cal.  
 Graff, Aaron, carriages, Oakbottom, Pa.  
 Graff Constr. Co., Seattle, Wash.  
 Graff Furnace Co., fndrs., 105 E. 29th, New York.  
 Graff, Geo. B., Co., office devices, mfrs., 294 Washington, Boston, Mass.  
 Graff, P., & Co., blankets, flannels, woolen, Worthington, Pa.  
 Graff, R. F., & Sons, architects, Knoxville, Tenn.  
 Graf-Webb Iron Mfg. Co., fndrs., Louisville, Ky.



- Grafried, W. F., flour mills, Danville, Tenn.  
 Grafton Coal & Coke Co., Grafton, W. Va.  
 Grafton Foundry Co., Grafton, Wis.  
 Grafton Quarry Co., Wright Bldg., St. Louis, Mo.  
 Grafton, R. E., canned goods, Forest Hill, Md.  
 Grafton Roller Mill Co., Grafton, N. D.  
 Grafton Stone Co., Hickox Bldg., Cleveland, Ohio.  
 Graham & Berwin, key rings, knobs, dog collars, etc., 107 Lafayette, New York.  
 Graham Bros., gin distillers, Rockford, Ill.  
 Graham Bros., & Co., soap, 1319 W. Lake, Chicago, Ill.  
 Graham, Burnham & Co., architects, First Nat'l Bk. Bldg., Omaha, Neb., Railway Exchange Bldg., Chicago, Ill., & 50 Maiden la, New York.  
 Graham-Campion Co., contractors, Heed Bldg., Philadelphia, Pa.  
 Graham, Chas., Chemical Pottery Wks., 980 Metropolitan av. Brooklyn, N. Y.  
 Graham, Chas. E., almn, castings, New Haven, Conn.  
 Graham, D. S. & Co., Ellzey, Fla.  
 Graham, Dwight, machst. & fndrs., Hamilton, N. Y.  
 Graham, Edward T. P., architect, 20 Beacon, Boston, Mass.  
 Graham, F. J., brick, Lynn, Mass.  
 Graham, F. M., & Co., masons' & bldrs. matls., Fitzgerald, Ga.  
 Graham-Granite Co., 4952 Lotus av, St. Louis, Mo.  
 Graham & Hill, archts., Hume-Mansur Bldg., Indianapolis, Ind.  
 Graham, J. W., & Co., architects & engrs. instrs. & supplies, Spokane, Wash.  
 Graham, James, & Co., brass fndrs., New Haven, Conn.  
 Graham, James, Mfg. Co., machsts., Newark, Cal.  
 Graham, Jas. & Co., fndrs., New Haven, Conn.  
 Graham, Jas. Mfg. Co., stoves, 531 Mission, San Francisco, Cal.  
 Graham, Jno., architect, Joshua Green Bldg., Seattle, Wash.  
 Graham, John B., contractors, 8 Beacon, Boston, Mass.  
 Graham, John H., architect, 1836 Euclid av, Cleveland, Ohio.  
 Graham, Jno. H., & Co., whol. hdwe., 113 Chambers, New York.  
 Graham, John, Jr., architect, Rl. Est. Tr. Bldg., Phila., Pa.  
 Graham, L. L., scenic artist, Brooklyn, N. Y.  
 Graham Lumber Co., 41 E. 4th, Cincinnati, Ohio.  
 Graham Lumber Co., Wright Bldg., St. Louis, Mo.  
 Graham Mfg. Co., drill speeders, knurl holders, drill vises, etc., mfrs., 96 Point, Providence, R. I. Foreign agencies—Great Britain: C. W. Burton, Griffiths & Co. France, Belgium, Italy, Switzerland, Spain and Holland: Fenwick Freres & Co. See adv index at end of book.  
 Graham Mattress Co., Graham, Va.  
 Graham & McKeon, contractors, Perth Amboy, N. J.  
 Graham Mill & Elevator Co., flour, Graham, Tex.  
 Graham Milling Co., Lancaster, Ohio.  
 Graham Nut Co., bolt ends, 1317 W. Carson, Pittsburgh, Pa.  
 Graham Paper Co., roofing & blasting paper, St. Louis, Mo.  
 Graham & Ross Mercantile Co., masons' & bldrs. matls., Great Falls, Mont.  
 Graham, Mrs. S. C., & Son, turpentine, Baxley, Ga.  
 Graham, S. P. Lbr. Co., 810 Magazine, Louisville, Ky.  
 Graham & Schenck, masons' & bldrs. matls., West Union, Ia.  
 Graham, Thos., & Co., wood singletrees, doubletrees & whiffletrees, Madison, Ind.  
 Graham, W. M., & Co., contractors, Erie, Pa.  
 Graham, Wm. H., contractor, Aurora, Ill.  
 Grahamton Mfg. Co., twine, yarn, Grahamton, Ky.  
 Graham Granitoid Co., bldg. contrs., 4952 Lotus av, St. Louis, Mo.  
 Granger & Co., machsts. & fndrs., Louisville, Ky.  
 Gram, Edmund, pianos, 414 Milwaukee, Milwaukee, Wis.  
 Gramm-Bernstein Co., motor trucks, Lima, Ohio.  
 Gramm Motor Truck Co., Lima, Ohio.  
 Gramercy Brass & Iron Wks., 615 10th av, New York.  
 Gramm-Bernstein Motor Truck Co., Lima, Ohio.  
 Gramm Motor Truck Co., Lima, Ohio.  
 Grammes, L. F. & Sons, machinery, tools, supplies & metal goods, mill & facty. supplies, 344 Union, Allentown, Pa.  
 Grams, Wm., sashes, doors & blinds, Sturgis, S. D.  
 Granam, Chas., lumber, Scotia, Wash.  
 Granberg, Emil, baseball bats, St. Louis, Mo.  
 Granby Mining & Smelting Co., St. Louis, Mo.  
 Granby Pulp & Paper Co., Fulton, N. Y.  
 Grand Canyon Lime & Cement Co., Los Angeles, Cal.  
 Grand Central Iron Wks., 212 E. 52d, New York.  
 Grand Corr. Paper Co., 30 Crosby, New York.  
 Grand Crossing Boiler Wks., 1244 E. 73d, Chicago, Ill.  
 Grand Crossing Tack Co., S. Chicago av & E. 79th, Chicago, Ill.  
 Grand Detour Plow Co., Dixon, Ill.  
 Grand Forks Fndry. & Mach. Co., Grand Forks, N. D.  
 Grand Haven Brass Fndry, Grand Haven, Mich.  
 Grand Island Culvert & Metal Wks., Grand Island, Neb.  
 Grand Island Tannery & Halter Co., Grand Island, Neb.  
 Grand Isle Lbr. Co., Van Buren, Me.  
 Grand Knitting Wks., sweaters, cardigans, etc., 868 Willoughby av, Brooklyn, N. Y.  
 Grand Lake Co., paper bags, 30 Broad, New York.  
 Grand Ledge Chair Co., piano benches, Grand Ledge, Mich.  
 Grand Ledge Clay Products Co., underground conduits, Grand Ledge, Mich.  
 Grand Rapids Art Glass Co., Grand Rapids, Mich.  
 Grand Rapids Blow Pipe & Dust Arrester Co., Grand Rapids, Mich.  
 Grand Rapids Bookcase & Chair Co., Hastings, Mich.  
 Grand Rapids Brass Co., machsts. & fndrs., Grand Rapids, Mich.  
 Grand Rapids Brick Co., Grand Rapids, Wis.  
 Grand Rapids Brush Co., Grand Rapids, Mich.  
 Grand Rapids Casket Co., Grand Rapids, Mich.  
 Grand Rapids Chair Co., music cabinets, Grand Rapids, Mich.  
 Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.  
 Grand Rapids Consol. Brick & Tiling Co., Grand Rapids, Mich.  
 Grand Rapids Fancy Furniture Co., Grand Rapids, Mich.  
 Grand Rapids Fire Proofing Co., Grand Rapids, Mich.  
 Grand Rapids Foundry Co., coal chutes, Grand Rapids, Wis.  
 Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.  
 Grand Rapids Glue Co., Grand Rapids, Mich.  
 Grand Rapids Hardware Co., near P. M. R. R., Grand Rapids, Mich.  
 Grand Rapids Lbr. Co., Grand Rapids, Mich.  
 Grand Rapids Malleable Wks., fndrs., Grand Rapids, Mich.  
 Grand Rapids Milling Co., flour, Grand Rapids, Wis.  
 Grand Rapids Orna. Iron & Wire Wks., Grand Rapids, Mich.  
 Grand Rapids Panel Co., wood graining machs., Grand Rapids, Mich.  
 Grand Rapids Paper Box Co., Grand Rapids, Mich.  
 Grand Rapids Pearl Button Co., Grand Rapids, Mich.  
 Grand Rapids Piano Case Co. (Ltd.), Grand Rapids, Mich.  
 Grand Rapids Plaster Co., Grand Rapids, Mich.  
 Grand Rapids Refrigerator Co., Grand Rapids, Mich.  
 Grand Rapids Salvage Co., mill & facty. supplies, Grand Rapids, Mich.  
 Grand Rapids School of Equipment Co., Grand Rapids, Mich.  
 Grand Rapids Screen Co., Grand Rapids, Mich.  
 Grand Rapids Sheet Metal & Rfg. Co., cornices, Grand Rapids, Mich.  
 Grand Rapids Shingle Co., lbr. mfrs., Sedro Woolley, Wash.  
 Grand Rapids Show Case Co., show cases & fixtures, Ottawa av & Coldbrook, N. W., Grand Rapids, Mich.  
 Grand Rapids Sticky Fly Paper Co., Grand Rapids, Mich.  
 Grand Rapids Supply Co., mill & facty. supplies, Grand Rapids, Mich.  
 Grand Rapids Tex. Machy. Co., Grand Rapids, Mich.  
 Grand Rapids Trunk Co., Grand Rapids, Mich.  
 Grand Rapids Veneer Works, Grand Rapids, Mich.  
 Grand River Canning Co., Markesan, Wis.  
 Grand Saline Salt Co., Grand Saline, Tex.  
 Grand Union Grill Wks., 3422 W. Lake, Chicago, Ill.  
 Grande, Andrew, contractor, Virginia, Minn.  
 Grande Ronde Lbr. Co., Perry, Ore.  
 Grandeur Stove Co., Royersford, Pa.  
 Grandgent & Elwell, architects, 44 Bromfield, Boston, Mass.  
 Grandfather Falls Co., paper & pulp mills, Merrill, Wis.  
 Grandview Cotton Oil Mill, cottonseed meal, Grandview, Tex.  
 Grandy, John, bldg. contr., Duluth, Minn.  
 Grandy, N. G., & Co., fertilizer, Elizabeth City, N. C.  
 Graner-Mahoney Contrg. Co., Wainwright Bldg., St. Louis, Mo.  
 Graner & Rowell Co., lbr., Schalls, Ore.  
 Grange Commercial Stores, fertilizer mfrs., Bridgeton, N. J.  
 Grange, Garrett S. de, architect architect, Frederick, Md.  
 Granger, A. D., Co., machy. dlrs., 15 Park row, New York.  
 Granger Brick & Tile Co., common, Granger, Wash.  
 Granger Lime & Marble Co., West Stockbridge, Mass.  
 Granger, Merton E., architect, 474 S. Salina, Syracuse, N. Y.  
 Grangers Lime Co., masons' & bldrs. mtls., W. Stockbridge, Mass.  
 Granite Bituminous Paving Co., Railway Exchange Bldg., St. Louis, Mo.  
 Granite City Granite Co., St. Cloud, Minn.  
 Granite City Iron Works, St. Cloud, Minn.  
 Granite City Lime & Cement Co., Granite City, Ill.  
 Granite City Soap Co., Newburgh, N. Y.  
 Granite Clay Co., Akron, Ohio.  
 Granite Cordage Co., Granite Falls, N. C.  
 Granite Linen Co., linen towels, Wortendyke, N. J.  
 Granite Ry. Co., Quincy, Mass.  
 Granite State Mfg. Co., toys, games & novelties, Concord, N. H.  
 Granite State Mowing Machine Co., Hinsdale, N. H.  
 Granite State Spring Bed Co., Nashua, N. H.  
 Granitine Wall Plaster Co., Lebanon, Pa.  
 Granitville Mfg. Co., cotton sheetings, Augusta, Ga.  
 Grant, Alex., & Son, wholesale hdwe., Syracuse, N. Y.  
 Grant Bros., contractors, Attleboro, Mass.  
 Grant Bros. Construction Co., Los Angeles, Cal.  
 Grant Bros. Foundry Co., 697 Beaufait av, Detroit, Mich.  
 Grant Canning Co., Grant, Mich.  
 Grant, Chas. C., architect, 37 E. 28th, New York.  
 Grant, Chas. H., Granite Co., Brattleboro, Vt.  
 Grant, Chas. M., stone producers, Troy, N. Y.  
 Grant Contracting Co., 7 E. 42d, New York.  
 Grant-Davis Lumber Co., Cabaal, Mo.  
 Grant, Edw. E., architect, 397 Washington av, Newark, N. J.  
 Grant & Fanning, contractors, 49 Yale, Bridgeport, Conn.  
 Grant, Francis W., architect, Mehlhorn Bldg., Seattle, Wash.  
 Grant, G. J., Construction Co., N. Y. Life Bldg., St. Paul, Minn.  
 Grant, G. M., Co., contractors, 865 Chapel, New Haven, Conn.  
 Grant Gear Works, 151 Pearl, Boston, Mass.  
 See adv index at end of book.  
 Grant, Geo. J., Const. Co., N. Y. Life Bldg., St. Paul, Minn.  
 Grant, H. L., & Son, brick, Goldsboro, N. C.  
 Grant-Hasson Hardware Co., Morristown, Tenn.  
 Grant Iron Wks., Mahanoy City, Pa.  
 Grant, J. C., Chemical Co., E. St. Louis, Ill.  
 Grant, J. W., contractor, Bayonne, N. J.  
 Grant, John, Paving Co., Paxton blk., Omaha, Nebr.



- Grant, Jno., & Son, contractors, 4500 Euclid av, Cleveland, Ohio.
- Grant-Lees Gear Co., auto. gear transmission, 2367 E. 69th, Cleveland, Ohio.
- Grant Locomotive & Car Wks., Houston, Tex.
- Grant Mfg. & Machine Co., riveting machine mfrs., Bridgeport, Conn.
- Grant Marble Co., 27th & Canal, Milwaukee, Wis.
- Grant, Michael F., & Co., machsts. & fndrs., 330 S. Clinton, Chicago, Ill.
- Grant Motor Car Co., Findlay, Ohio.
- Grant Nail & Supply Co., machsts., 47 High, Boston, Mass.
- Grant, P. S., machinist, St. Helena, Cal.
- Grants Pass Hardware Co., Grants Pass, Ore.
- Grant Planing Mill, sash, door & blind mfrs., Kenosha, Wis.
- Grant Portland Cement Co., Penna. Bldg., Philadelphia, Pa.
- Grant Pulley & Hdwe. Co., 101 Park av, New York.
- Grant, R. W., architect, Beatrice, Nebr.
- Grant, Thos., brick, Freeport, Ill.
- Grant Timber & Mfg. Co., Selma, La.
- Grant Yarn Co., warps, Fitchburg, Mass.
- Grants Pass Iron & Steel Wks., Grants Pass, Ore.
- Grantville Oil Mills, Grantville, Ga.
- Grantwood Moulding & Trim. Co., sashes, doors & blinds, Grantwood, N. J.
- Granular Metal Co., machsts. & fndrs., 77 Farnum, Boston, Mass.
- Granum, Martin, architect, Montevideo, Minn.
- Graphite Lubricating Co., Main, Bound Brook, N. J.
- Graphite Metallizing Corp., brushes, Yonkers, N. Y.
- Graphite Non-Friction Lubricants Co., Newark, N. J.
- Graphoil Lubricating Co., 1777 B'way, New York.
- Grasberger, B. A., & Co., paper dishes, 920 W. Moore, Richmond, Va.
- Graspit Mfg. Co., belt dressing, 721 Wash'gton blvd, Chicago, Ill.
- Grass Valley Hardware Co., Grass Valley, Cal.
- Grasscelli Chemical Co., fertilizer mfrs., Guardian Bldg., Cleveland, Ohio.
- Grasser Motor Co., Toledo, Ohio.
- Graston, G. W., Milling Co., Dupont, Ind.
- Grater-Bodey Co., lumber, Norristown, Pa.
- Grater, Ursinus, architect, Norristown, Pa.
- Gratke, G. E., architect, Strawberry Point, Ia.
- Graton & Knight Mfg. Co., leather belting, straps, etc., Worcester, Mass.
- Grattan & Lattimer, contractors, ft. of Main, Buffalo, N. Y.
- Grattan, T. F., Co., contractors, Cohoes, N. Y.
- Gratz, Geo. E., Jr., archt. iron, 1143 DeKalb av, Brooklyn, N. Y.
- Grau Bros., brooms, brushes, 1662 Central av, Cincinnati, Ohio.
- Grau, H. E., Co., contractors, 1707 Sansom, Philadelphia, Pa.
- Grau & Lehmann, silk fringes, 537 B'way, New York.
- Grauer, A., & Co., contractors, 41 E. Columbia, Detroit, Mich.
- Grauer, Albert, & Co., cornices, 318 Long av, N. W., Cleveland, Ohio.
- Grauert, Emile W., architect, 36 E. 23d, New York.
- Grauman, L., Fixture Co., bank railings, Denver, Colo.
- Grave, E., Co., carriages, Boardman & Brannan, San Francisco, Cal.
- Gravely, B. S. & R. P., insulator, pins & brackets, etc., Martinsville, Pa.
- Graveley, Frank P., & Co., architects, Board of Trade Office Bldg., New Orleans, La.
- Gravely, W. A., contractor, Danville, Va.
- Gravenhorst & Co., varnish gums, etc., 96 Wall, New York.
- Graver, Geo. A., machsts. & fndrs., Youngs, Pa.
- Graver, H. A., brick, Lehigh, Pa.
- Graver, Wm., Tank Wks., East Chicago, Ind.
- Graves, A. A., lumber, Loyal, Wis.
- Graves, B. S., architects, Hammond, Ind.
- Graves Bros., contractors, West Medford, Mass.
- Graves Bros. Co., turpentine, Hosford, Fla.
- Graves-Dawson Supply Co., fertilizer mfrs., Waverly, Ala.
- Graves, E. M., contractor, Sweetland Bldg., Cleveland, Ohio.
- Graves, F. E., Construction Co., 2520 Nicollet av, Minneapolis, Minn.
- Graves, Frank B., Co., absorbent & waste cotton, Albany, N. Y.
- Graves, Frank, Sash, Door & Mill Co., Los Angeles, Cal.
- Graves Fire Wks., file mfrs., 67 N. J. R. av, Newark, N. J.
- Graves, Geo. M., dry docks & marine rys., New Haven, Conn.
- Graves, Geo. Wm., architect, Rowland Bldg., Detroit, Mich.
- Graves, Harold S., architect, 57 Mt. Vernon, Boston, Mass.
- Graves, Harry Prescott, architect, 18 Shattuck, Lowell, Mass.
- Graves Heating Co., 207 N. Jefferson, Chicago, Ill.
- Graves-Humphreys Hardware Co., Roanoke, Va.
- Graves, L. C., & Co., carriages, Springboro, Pa.
- Graves, L. L., machsts., Streator, Ill.
- Graves, Manbert Geo., & Co., lbr. packing box mfrs., Ft. Hertel av, Buffalo, N. Y.
- Graves & Marshall Co., tubular boilers, Dayton, Ohio.
- Graves, N. Z., Corp., paint & varnish mfrs., 22 S. 3d, Philadelphia, Pa.
- Graves, Robt., Co., wall paper mfrs., 169 Madison av, New York.
- Graves Shale Paving Brick Co., Birmingham, Ala.
- Graves-Smith Co., fertilizer manufacturers, Camp Hill, Ala.
- Graves & Stamp, lumber, Des Arc, Mo.
- Graves-Tatum Co., lbr. & turpentine mfrs., De Funiak Springs, Fla.
- Gravois Mach. Shop Co., 12th, St. Louis, Mo.
- Gravois Planing Mill Co., Minnesota & Juniata, St., Louis, Mo.
- Grawl, Milton S., architect, Harrison Bldg., Philadelphia, Pa.
- Gray-Aldrich Co., mchsts. & fndrs., 33 Commercial Wharf Boston, Mass.
- Gray, Arthur F., architect, Watertown, Mass.
- Gray, Arthur F., mill engrs., 53 State, Boston, Mass.
- Gray Bros., flour, Graysville, Ga.
- Gray Bros., contractors, Rosemont, Pa.
- Gray Bros., wholesale hdwe., Seattle, Wash.
- Gray, C. L., Lbr. Co., Meridian, Miss.
- Gray, C. P., maps, 6 Church, New York.
- Gray, Chas. M., Marble & Slate Co., 709 Vernon av, Long Island City, N. Y.
- Gray & Co., elec. plating dynamos, 120 W. 3d, Cincinnati, Ohio.
- Gray Construction Co., 20th & Wyandotte, Kansas City, Mo.
- Gray Constr. Co., Watertown, S. D.
- Gray Court Oil & Fertz. Co., Gray Court, S. C.
- Gray & Davis, lamps, Boston, Mass.
- Gray Distilling Co., Masontown, Pa.
- Gray & Dudley Hardware Co., Nashville, Tenn.
- Gray, E. W., & Son, canned goods, Daysboro, Del.
- Gray Eagle Marble Co., Knoxville, Tenn.
- Gray, Edw., contractor, Ft. Orleans, Detroit, Mich.
- Gray, F. E., machst. & fndr., Middletown Springs, Vt.
- Gray, Frank B., architect, 10 S. La Salle, Chicago, Ill.
- Gray, Frank E., architect, 86 Michigan, Milwaukee, Wis.
- Gray, Fred E., machst., Middletown Springs, Vt.
- Gray, G. A., Co., machine tools, Gest, Cincinnati, Ohio.
- Gray, G. G., contractor, 51½ W. B'way, Salt Lake City, Utah.
- Gray, Geo. H., & Son, lumber, Entiat, Wash.
- Gray Hardware Co., Coshocton, Ohio.
- Gray, Hawley, Mfg. Co., hardware mfrs.—marine, 937 E. Jeff av, Detroit, Mich.
- Gray Iron Casting Co., Springfield, Ohio.
- Gray Iron Foundry Co., hardware mfrs., Reading, Pa.
- Gray, J. A., Co., machsts., 18th & Bryant, San Francisco, Cal.
- Gray, J. C., & Co., sash, door & blind mfrs., Lyondville, N. Y.
- Gray, J. J., Jr., ferro-phosphorus, Rockdale, Tenn.
- Gray, Joshua, & Sons, lbr., Gardiner, Me.
- Gray Motor Co., engines, Oakland & McLean, Detroit, Mich.
- Gray, Peter, & Sons, special stampings & railway sheet metal ware mfrs., 286 Third, East Cambridge, Mass.
- Gray & Prior Mach. Co., ball joints, Hartford, Conn.
- Gray, R. A., architect, Phoenix, Ariz.
- Gray, Ralph W., architect, 19 Congress, Boston, Mass.
- Gray, Richard H., architect, 1104 San Jacinto, Houston, Tex.
- Gray, S. & Co., cotton thread & twine, Walpole, Mass.
- Gray, Sidney T., cornices, Lapeer, Mich.
- Gray & Son, masons' & bldrs.' matls., Wooster, Ohio.
- Gray & Son Glass Co., Falls Creek, Pa.
- Gray Spec. Co., compounds, 148 Avon av, Newark, N. J.
- Gray Summit White Sand Co., Boatmen's Bank Bldg., St. Louis, Mo.
- Gray Telephone Pay Station Co., Hartford, Conn.
- Gray Tractor Mfg. Co., 1030 N. E. Marshall, Minneapolis, Minn.
- Gray, W. I., & Co., heating contractors, 704 S. 5th, Minneapolis, Minn.
- Gray, Wm. S., & Co., acetone, denatured & wood alcohol, 80 Maiden la, New York.
- Gray, Wm., & Sons Co., granite producers, 30th bel. Walnut, Philadelphia, Pa.
- Gray & Wischmeyer, architects, Starks Bldg, Louisville, Ky.
- Grayling Dowel Co., dowel pins, Grayling, Mich.
- Grayling Lumber Co., Detroit, Mich.
- Grays, A. W., Sons, agricultural implements, Middletown, Vt.
- Grays Ferry Abattoir Co., meat packers, 36th & Gray's Ferry rd, Philadelphia, Pa.
- Grays Harbor Commercial Co., lumber mfrs., ft. of 3d, San Francisco, Cal.
- Grays Harbor Hardware Co., Aberdeen, Wash.
- Grays Harbor Iron & Steel Co., mchsts & fndrs., Hoquiam, Wash.
- Grays Harbor Logging Co., lumber, Aberdeen, Wash.
- Grays Harbor Lumber Co., Hoquiam, Wash.
- Grays Harbor Shingle Co., lumber, Aberdeen, Wash.
- Gray's Harbor Shipbuilding Co., Aberdeen, Wash.
- Grayson Fertz. Co., Leitchfield, Ky.
- Grayson Home Mixture Co., Grayson, Ga.
- Grayson-McLeod Lbr. Co., Wright Bldg., St. Louis, Mo.
- Grayson, Owen, Co., meat packers, Oakland, Cal.
- Graysonia-Nashville Lumber Co., Nashville, Ark.
- Grazier Bros., masons' & bldrs.' matls., Tyrone, Pa.
- Grazier Elec. Sign Products Co., flashers, Johnstown, Pa.
- Greacen & Co., monograms & hdwe. mfrs., 480 Washington, Newark, N. J.
- Grear, P. L., contractor, Albion, N. Y.
- Grearson & Lane Co., granite, Barre, Vt.
- Greason Mfg. Co., mill & facty. supplies, 108 W. 99th, New York.
- Greason, Tweed & Co., mill & facty. supplies, 109 Duane, New York.
- Greasonia Paper Mills Co., Frankfort, N. Y.
- Great Barrington Mfg. Co., Turkish towels, Great Barrington, Mass.
- Great Eastern Clay Products Co., 175 5th av, New York.
- Great Falls Iron Wks., Great Falls, Mont.
- Great Falls Lumber Co., Great Falls, Mont.
- Great Falls Mfg. Co., cotton sheetings, Somersworth, N. H.
- Great Falls Meat Co., Great Falls, Mont.
- Great Falls Chemical Co., boiler compounds, Appleton, Wis.



- Great Lakes Boat Bldg. Corp., 333 Becher, Milwaukee, Wis.  
 Great Lakes Brass Fdry., castings, Bay City, Mich.  
 Great Lakes Dredge & Dock Co., 104 S. Mich. av, Chicago, Ill.  
 Great Lakes Engng. Wks., Detroit, Mich.  
 Great Lakes Mach. Co., North Chicago, Ill.  
 Great Lakes Refining Co., paints, Cleveland, Ohio.  
 Great Lakes Welding Co., 937 West, N. W., Cleveland, Ohio.  
 Great Northern Bridge Co., Lumber Exch., Minneapolis, Minn.  
 Great Northern Pail Co., Gillette, Wis.  
 Great Northern Paper Co., 30 E. 42d, New York.  
 Great Northern Sand & Stone Co., New Castle, Pa.  
 Great Northern Sewer Pipe Co., Empire, Ohio.  
 Great Southern Lumber Co., Bogalusa, La.  
 Great Western Brick Co., San Francisco, Cal.  
 Great Western Canning Co., Delphi, Ind.  
 Great Western Cutting & Welding Co., 884 Folsom, San Francisco, Cal.  
 Great Western Fixture Wks., 211 W. Schiller, Chicago, Ill.  
 Great Western Knitting Co., gloves, 110 Buffalo, Milwaukee, Wis.  
 Great Western Mfg. Co., agrlt. impts., mill & facty. supplies, etc., Leavenworth, Kans.  
 Great Western Oil Co., Cleveland, Ohio.  
 Great Western Pottery Co., Kokomo, Ind.  
 Great Western Portland Cement Co., Kansas City, Mo.  
 Great Western Re-Fillable Fuse Co., 326 3d, Pittsburgh, Pa.  
 Great Western Smelting & Refining Co., 4100 Wallace, Chicago, Ill.  
 Great Western Stove Co., Leavenworth, Kans.  
 Great Western Stove Repair Co., 312 Hennepin av, Minneapolis, Minn.  
 Great Western Sugar Co., Denver, Colo.  
 Greater N. Y. Bedding Co., 39 East, New York.  
 Greater N. Y. Metal Box Co., 143 W. 19th, New York.  
 Greathouse, David B., brick, Lewisport, Ky.  
 Greaves-Klusman Tool Co., engine lathes, Alfred, Cincinnati, O.  
 Greaves, Thos., sweaters, 5241 Wakefield, Gtn., Philadelphia, Pa.  
 Grebb, L., canned goods, Key Highway & Lawrence, Balto., Md.  
 Grebenzik, H., & Son, dyers' copper wks., N. Paterson, N. J.  
 Grecht, W. Co., canned goods, 1330 S. Sharp, Baltimore, Md.  
 Greco Canning Co., San Jose, Cal.  
 Greco, Charles R., architect, 8 Beacon, Boston, Mass.  
 Greece Constr. Co., Rochester, N. Y.  
 Grede, Geo., & Bro. Co., carriages, 248 Reed, Milwaukee, Wis.  
 Greek-Am. Sponge Co., 300 W. Randolph, Chicago, Ill.  
 Greeley, Mellen Clark, archit., Baldwin Bldg., Jacksonville, Fla.  
 Greely Stone Co., St. Paul, Ind.  
 Green, A. H., Co., lbr., etc., 97 Warren, New York.  
 Green, A. P., Fire Brick Co., Mexico, Mo.  
 Green, Adolph, contractor, Green Bay, Wis.  
 Green, B. G., archl. iron, 213 Pacific, Brooklyn, N. Y.  
 Green, B. S., Co., horse collars, Bloomington, Ill.  
 Green & Bauer, X-ray app., Hartford, Conn.  
 Green Bay Barker Co., machsts. & fndrs., Green Bay, Wis.  
 Green Bay Brick Co., Green Bay, Wis.  
 Green Bay Canning Co., Green Bay, Wis.  
 Green Bay Carriage & Wagon Co., Green Bay, Wis.  
 Green Bay Cornice & Corrugating Co., Green Bay, Wis.  
 Green Bay Drive Calk Co., Green Bay, Wis.  
 Green Bay Foundry & Machine Co., Green Bay, Wis.  
 Green Bay Lumber Co., Des Moines, Ia.  
 Green Bay Machine Co., Green Bay, Wis.  
 Green Bay Paper & Fibre Co., Green Bay, Wis.  
 Green Bay Planing Mill Co., sash, door & blind, Green Bay, Wis.  
 Green Bay Soap Co., Green Bay, Wis.  
 Green Bay Trunk & Bag Co., Green Bay, Wis.  
 Green Bros., canned goods, Ball Ground, Ga.  
 Green Bros., lumber mfrs., Blockville, N. Y.  
 Green Bros., machsts. & fndrs., Lewisburg, Tenn.  
 Green Bros. Box & Lbr. Co., Rockford, Ill.  
 Green, C. A., Co., fndry. ladles, sand sifters, molders' flasks, Toledo, Ohio.  
 Green, C. E., & Son, brass & wire ferrules, 95 Passaic, Newark, N. J.  
 Green, C. H., Canning Co., Denver, Colo.  
 Green, Casper, & Son, flour mills, Morgan, Minn.  
 Green Const. Co., Valparaiso, Ind.  
 Green County Oil Co., cottonseed meal, Union Point, Ga.  
 Green, Cyrus P., architect, Alva, Okla.  
 Green, D. D., cornices, 215 6th, Milwaukee, Wis.  
 Green, Daniel, Felt Shoe Co., Boston, Mass.  
 Green, E. E., architect, Northern Bk. Bldg., Seattle, Wash.  
 Green Elevator Co., freight elevators, 215 W. Front, Wilmington, Del.  
 Green Engineering Co., machsts. & fndrs., East Chicago, Ind.  
 Green, F. J., Engng. Wks., machsts., Racine, Wis.  
 Green Forest Canning Co., Green Forest, Ark.  
 Green Fdry. & Furnace Works, Des Moines, Ia.  
 Green, Fred C., granite producer, Freeport, Me.  
 Green Fuel Economizer Co., Matteawan, N. Y.  
 Green, Geo., Lbr. Co., 22d & Canal, Chicago, Ill.  
 Green, H. L., elec. fix. mfrs., Los Angeles, Cal.  
 Green, H. M., contractors, Kansas City, Mo.  
 Green-Haas-Schwartz Co., sweaters, cardigans, &c., Euclid av & E. 57th, Cleveland, Ohio.  
 Green Halter Co., Urbana, Ohio.  
 Green Hannibal's Son & Co., wholesale hwe., Troy, N. Y.  
 Green, Hy. J., barometers, gauges, recorders, thermometers, etc., 1191 Bedford av, Brooklyn, N. Y.  
 Green, Herbert H., architect, 30 N. Michigan av, Chicago, Ill.  
 Green, Herbert M., architect, Scarritt Bldg., Kansas City, Mo.  
 Green Hill Fire Brick Co., North East, Md.  
 Green Insulation Co., paper, Cleveland, Ohio.  
 Green, Isaac H., architect, Sagville, N. Y.  
 Green, J. A., & Sons, stone producers, Stone City, Ia.  
 Green, J. J., contractor, Houston, Tex.  
 Green, Jas. C., architect, 2 Columbus Circle, New York.  
 Green (John C.) School of Science, Engng. Schools & Coll., Princeton, N. J.  
 Green, John, & Sons, machsts., Hoopeston, Ill.  
 Green, Jordan, architect, 27 Clinton, Newark, N. J.  
 Green Piano Co., Louisville, Ky.  
 Green, Richard T., Co., ship bldrs., Chelsea, Mass.  
 Green, L. A., machinery dealers, 1st Nat. Bank Bldg., Pittsburgh, Pa.  
 Green, L. A., Equipment Co., mill & facty. supplies, Oliver Bldg., Pittsburgh, Pa.  
 Green, L. S., architect, 1818 F, Galveston, Tex.  
 Green, M. A., & Co., hot air furnaces, Bridgeport, Conn.  
 Green Machy. & Mfg. Co., Salt Lake City, Utah.  
 Green Mfg. Co., automobiles, Cobleskill, N. Y.  
 Green Mountain Pub. Co., Middlebury, Vt.  
 Green Mt. Packing Co., canned goods, Portland, Me.  
 Green Mountain Pulp Co., Middlebury, Vt.  
 Green Mt. Slate Co., roofing slate, Poultney, Vt.  
 Green & Pierson, masons' & bldrs.' matls., Madison, N. J.  
 Green, R. H., contractor, Pocatello, Idaho.  
 Green & Reading, canned goods, Eden, Md.  
 Green River Chair Co., Livermore, Ky.  
 Green River Dist. Co., Owensboro, Ky.  
 Green River Woolen Mills, Phil, Ky.  
 Green, Robt. M., & Sons, soda water fountains, 1413 Vine, Philadelphia, Pa.  
 Green, Robt. S., masons' & bldrs.' matls. & twine mfrs., 3232 Fkd. av ext., Baltimore, Md.  
 Green, Sam'l M., Co., Inc., architects, 293 Bridge, Springfield, Mass.  
 Green & Sons Co., contractors, Orland, Chicago, Ill.  
 Green, Thos. L., & Co., bakers' machy., Indianapolis, Ind.  
 Green, W. E. E., architect, Laverne, Minn.  
 Green, W., Elec. Co., 81 Nassau, New York.  
 Green, Warren E., Co., contractors, 29 W. 38th, New York.  
 Green & Wicks, architects, 110 Franklin, Buffalo, N. Y.  
 Greenbaum Bros., canned goods, Seaford, Del.  
 Greenbaum & Hardy, architects, Scarritt Bldg., Kansas City, Mo.  
 Greenbaum, M. H., & Co., distrs., Louisville, Ky.  
 Greenbaum, S. J., Co., distillers, Midway, Ky.  
 Greenberg & Bartlett, contractors, 56 W. 45th, New York.  
 Greenberg & Burke, architects, Evans Bldg., Washington, D. C.  
 Greenberg, Chas. F., soap, Scranton, Pa.  
 Greenberg, Edward, wagons, Arlington Heights, Ill.  
 Greenberg Guarantee Roofing Co., cornices, 20 Mott, New York.  
 Greenberg's, M., & Sons, castings, 225 Beale, San Francisco, Cal.  
 Greenbrier Distilling Co., Louisville, Ky.  
 Greenbrier Milling Co., flour, Alderson, W. Va.  
 Greencastle Cabinet Co., Greencastle, Ind.  
 Greencastle Fdry. & Mach. Co., Greencastle, Ind.  
 Greendale Distilling Co., Lawrenceburg, Ind.  
 Greene Aeronautical Co., aeroplane stabilizers, Elyria, Ohio.  
 Greene Bros., htg. contrs., 417 Hanover, Boston, Mass.  
 Greene, Byron W., Jr., Co., bldg. matls., 309 av B, New York.  
 Greene County Lbr. Co., Bexley, Miss.  
 Greene & Daniels Co., warps, thread, twine, Pawtucket, R. I.  
 Greene, Ernest, architect, 5 Beekman, New York.  
 Greene, F. J., Engineering Wks., Racine, Wis.  
 Greene & Greene, architects, Pasadena, Cal.  
 Greene, J. E., architect, American Trust Bldg., Birmingham, Ala.  
 Greene, J. W., architect, Ravenna, Ohio.  
 Greene, M. J., machsts. & fndrs., Tallapoosa, Ga.  
 Greene Mineral Paste Co., metal polish, Keene, N. H.  
 Greene, Nelson (Est. of), machsts., Edmeston, N. Y.  
 Greene & Sons, stone, 3403 Lowe av, Chicago, Ill.  
 Greene, Tweed & Co., hardware mfrs., 109 Duane, New York.  
 Greene, W. S., architect, 6687 Hollywood blvd, Los Angeles, Cal.  
 Greene & Wood, masons' & bldrs.' matls., New Bedford, Mass.  
 Greenville Packing Co., meat packers, Greenville, Tenn.  
 Greenfield, Arthur, Inc., concrete steel const., 204 E. 26th, New York.  
 Greenfield Box Co., 21 Gold, New York.  
 Greenfield Fruit Jar & Bottle Co., Muncie, Ind.  
 Greenfield, Geo. H., architect, 116 S. Michigan av, Chicago, Ill.  
 Greenfield, Jas. L., landscape architect, 1 B'way, New York.  
 Greenfield Machine Co., reamer and universal grinders, Greenfield, Mass.  
 Greenfield, Robt. A., architect, 33 W. 42d, New York; P. O. Bldg., Mount Vernon; 15 Court, White Plains, N. Y.  
 Greenfield Tap & Die Corp., screw cutting, tools, tops, dies, screw plates, reamers, gauges & threading machine mfrs., Greenfield, Mass. See adv index at end of book.  
 Greenford Tile & Clay Co., brick, Greenford, Ohio.



- Greengard, Bernhard C., architect, 6 N. Clark, Chicago, Ill.  
 Greenbald Bros., cotton & Turkish towels, 2218 Martha, Philadelphia, Pa.  
 Greenlaw, A., architect, Camden, Me.  
 Greenlaw Mfg. Co., flexible joints, 141 Milk, Boston, Mass.  
 Greenleaf, E. T., architect, Upland, Cal.  
 Greenleaf, Jno. C., architect, 15 W. 38th, New York.  
 Greenleaf, L. C., architect, 101 Tremont, Boston, Mass.  
 Greenleaf Stone Co., Green Bay, Wis.  
 Greenlee Bros. & Co., hollow bits, 225 W. 12th, Chicago, Ill.  
 Greenlee Bros. & Co., machsts. & fndrs., Rockford, Ill.  
 Greenlee Fndry. Co., 664 W. 12th, Chicago, Ill.  
 Greenlee Stone & Bldg. Co., Denver, Colo.  
 Greenley, Howard, architect, 101 Park av., New York.  
 Greenlie-Halliday Co., machsts., 499 Water, New York.  
 Greenlie, Wyatt & Co., nut mfrs., 499 Water, New York.  
 Greenman, Wm. B., contractor, 350 Fulton, Brooklyn, N. Y.  
 Greenmount Iron & Mfg. Co., fndrs., 889 Greenmount av, Baltimore, Md.  
 Greeno, C. C., ties, poles & posts, Burnside, Ky.  
 Greenpoint Brass Fdry., 38 Franklin, Brooklyn, N. Y.  
 Greenpoint Chemical Wks., 425 Greenpoint av, Brooklyn, N. Y.  
 Greenpoint Enameling Wks., 300 Greenpoint av, B'klyn, N. Y.  
 Greenpoint Fire Brick Co., 111 Clay, Brooklyn, N. Y.  
 Greenpoint Metallic Bed Co., 226 Franklin, Brooklyn, N. Y.  
 Greenport Basin & Const. Co., machsts., Greenport, N. Y.  
 Green's Car Wheel Mfg. Co., 3018 N. B'way, St. Louis, Mo.  
 Greensboro Cotton Oil Co., cottonseed meal, Greensboro, Ala.  
 Greensboro Fertilizer Co., Greensboro, Ga.  
 Greensboro Supply Co., mill & facty. supplies, Greensboro, N. C.  
 Greensburg Glass Co., bottles, jars—milk, Greensburg, Pa.  
 Greensburg Limestone Co., Greensburg, Ind.  
 Greenslade Fdry. Co., 172 Corcoran av, Milwaukee, Wis.  
 Greenspan, H., auto. bindings, 173 Grand, New York.  
 Greenspon's, Jos., Sons Iron & Steel Co., machy. dealers, B'way & Branch, St. Louis, Mo.  
 Greenstein, L., architect, Prudential Bldg., Buffalo, N. Y.  
 Greentown Canning, Ice & Mfg. Co., Greentown, Ind.  
 Greenup Milling Co., flour, Greenup, Ky.  
 Greenville Gravel Co., Greenville, Ohio.  
 Greenville Cotton Oil & Mfg. Co., Greenville, Ga.  
 Greenville Implement Co., Greenville, Mich.  
 Greenville Mfg. Co., lamp cord adjusters, & tanks, Greenville, Pa.  
 Greenville Mill & Elevator Co., flour, Greenville, Tex.  
 Greenville Milling Co., flour, Greenville, Ky.  
 Greenville Silica Co., silica sand, Greenville, Pa.  
 Greenville Steel Car Co., underframes, Greenville, Pa.  
 Greenwald Display Fixture Co., window display fix., 234 5th av, New York.  
 Greenwald Packing Co., meat packers, Brunswick nr Wilkens av, Baltimore, Md.  
 Greenwald & Pollak, contractors, 30 E. 42d, New York.  
 Greenwell, M., Lumber Co., New Haven, Ky.  
 Greenwich Sash & Door Co., Greenwich, Conn.  
 Greenwood Advertising Co., electric illuminated signs, Knoxville, Tenn.  
 Greenwood Advtg. Co., elec. sign flashers, 1942 S. Main, Los Angeles, Cal.  
 Greenwood Associates, revolving chairs, Gardner, Mass.  
 Greenwood-Atkinson-Armstrong Co., employees' uniforms, flag mfrs., Detroit, Mich.  
 Greenwood China Co., Trenton, N. J.  
 Greenwood & Co., masons' & bldrs.' matls., Warren, Ohio.  
 Greenwood Constr. & Supply Co., 48 Terminal wy, Pittsburgh, Pa.  
 Greenwood Cotton Mills, sheetings, Greenwood, S. C.  
 Greenwood Fertz. Co., Greenwood, S. C.  
 Greenwood Mfg. Co., fertilizer distributor mfrs., 316 S. B'way, Lawrence, Mass.  
 Greenwood Mfg. Co., water closet bends, 540 Greenwood, Detroit, Mich.  
 Greenwood Pottery Co., Trenton, N. J.  
 Greer-Beatty Clay Co., Magnolia, Ohio.  
 Greer Cotton Seed Oil & Fertz. Co., Greer, S. C.  
 Greer, Edwin K., masons' & bldrs.' matls., Wareham, Mass.  
 Greer Fertz. Co., Greer, S. C.  
 Greer, Fredric, screw mach. products, 525 W. Vanburen, Chicago, Ill.  
 Greer, J. L., lumber, Greer, Fla.  
 Greer & Laing, wholesale hdwe., Wheeling, W. Va.  
 Greer, Lloyd, architect, Valdosta, Ga.  
 Greer Lbr. Co., sash, door & blind mfrs., 247 Kimberly av, New Haven, Conn.  
 Greer-Wilkinson Lbr. Co., sash, door & blind mfrs., Indianapolis, Ind.  
 Greever, J. A., wholesale hdwe., Tazewell, Va.  
 Gregersten Bros. Co., lumber, McCormick Bldg., Chicago, Ill.  
 Gregg Fertilizer Co., Doerun, Ga.  
 Gregg Hardware Co., 44 Cadillac sq, Detroit, Mich.  
 Gregg & Leisenring, architects, 1320 New York av, N. W., Washington, D. C.  
 Gregg & Pletcher, contractors, Zanesville, Ohio.  
 Gregg & Son, sashes, doors & blinds, Nashua, N. H.  
 Gregg Varnish Co., Grand & McKissock av, St. Louis, Mo.  
 Gregg, Wm. D. Rogers, Co., carriages, & auto. wood bodies, 1926 Arch, Philadelphia, Pa.  
 Gregorio, Nicholas, & Co., contractors, 860 E. 228th, New York.  
 Gregory Coke, Coal & Lime Co., Marshalltown, Ia.  
 Gregory, E. R., contractor, 60 W. Dedham, Boston, Mass.  
 Gregory, E. W., architect, Campau Bldg., Detroit, Mich.  
 Gregory Elec. Co., machsts., 1601 S. Lincoln, Chicago, Ill.  
 Gregory, Frank M., contractor, Zionsville, Ind.  
 Gregory Fruit Co., canned, Colton, Cal.  
 Gregory, Julius, architect, 30 E. 42d, New York.  
 Gregory, M., lbr., Marydell, Ky.  
 Gregory Rubber Co., Akron, Ohio.  
 Gregory & Sherman, masons' & bldrs.' matls., Nyack, N. Y.  
 Gregory, T. J., Handle Wks., Cookeville, Tenn.  
 Gregory Talc Blackboard & Crayon Co., Nashville, Tenn.  
 Gregory, Thos., Galvanizing Wks., 263 N. Henry, Brooklyn, N. Y.  
 Gregory, W. T., contractor, Norfolk, Va.  
 Gregoy, Wm., machinist, Los Angeles, Cal.  
 Greif Bros. Cooperage Co., 1937 Willey av, Cleveland, Ohio.  
 Greig, George, lumber, Aradville, La.  
 Greilick Mfg. Co., lbr., sash, door & blind mfrs., Traverse City, Mich.  
 Greilling Bros. Co., dock bldrs. & contr., Green Bay, Wis.  
 Grein, Geo., contractor, Youngstown, Ohio.  
 Greiner, Emil, Co., chemical app., etc., 55 Fulton, New York.  
 Greiner, Gottlieb, laboratory app., 81 John, New York.  
 Greiner, T., Bldg. & Cont. Co., contractors, Louisville, Ky.  
 Greisler, Fred N., architect, Lafayette Bldg., Phila., Pa.  
 Greist Mfg. Co., machsts., New Haven, Conn.  
 Greiwe, E. & Bro., cornices, 1128 B'way, Cincinnati, Ohio.  
 Grell, Jacob W., elec. light fix. mfrs., 812 Noble, Phila., Pa.  
 Grendel Mills, cotton sheetings, Greenwood, S. C.  
 Gresham Fruit Growers' Assn., canned, Gresham, Ore.  
 Gresham Mfg. Co., machinists, Griffin, Ga.  
 Gress Mfg. Co., lumber, Jacksonville, Fla.  
 Greth Machine Works, Reading, Pa.  
 Grettenberger Sons, machsts., Tidioute, Pa.  
 Grewe, John, Construction Co., Century Bldg., St. Louis, Mo.  
 Grey, Elmer, archt., Wright & Callender Bldg., Los Angeles, Cal.  
 Grey, Henry, architect, 1312 W. 38th pl, Los Angeles, Cal.  
 Grey, Howard E., architect, Poulsbo, Wash.  
 Grey Iron Casting Co., Mount Joy, Pa.  
 Gribben, J. Upton, architect, Col. Sav. & Tr. Bldg., Columbus, O.  
 Gribben Lbr. Co., 975 E. 7th, St. Paul, Minn.  
 Griebel, E. G., machsts. & fndrs., Woodstock, Ill.  
 Griebel, Geo. H., architect, 1974 B'way, New York.  
 Griebel Instrument Co., thermometers, Carbondale, Pa.  
 Griebie, G. A., architect, Park Bldg., Cleveland, Ohio.  
 Grieco, Chas. P., & Co., contractors, Lock Haven, Pa.  
 Grieme, H. C., Co. (Est. of), masons' & bldrs.' matls., Amsterdam, N. Y.  
 Grieme, Henry W., architect, Amsterdam, N. Y.  
 Grier Bros., Ltd., miners' lamps, 124 2d av, Pittsburgh, Pa.  
 Grier, F. A., & Sons, machsts., Salisbury, Md.  
 Grier, R. D., Salisbury Mach. Wks., Salisbury, Md.  
 Grier, Robt. D., mill & facty. supplies, Salisbury, Md.  
 Griesbaum, Wm. J., contractor, Pottsville, Pa.  
 Griesemer Graphite Co., Anniston, Ala.  
 Grieshaber, B., & Co., fountain pen mfrs., 118 N. State, Chicago, Ill.  
 Grieshaber, Carl F., architect, 4 E. 39th, New York.  
 Grieshaber, Wm., scrap iron, steel & rubber, Reading, Pa.  
 Griesdeck, H. L., Dist. Co., 19 S. 4th, St. Louis, Mo.  
 Griesser, Richard, brewery architect, 64 W. Randolph, Chicago, Ill.  
 Griesser, Wilhelm, architect, 2819 S. King's Highway blvd., St. Louis, Mo., & 120 B'way, New York.  
 Grieve Grate Co., 11 B'way, New York.  
 Grieses, C. S., Paint Co., Amesbury, Mass.  
 Griffen, Benjamin, plate glass, 40 Vestry, New York.  
 Griffen, Geo. M., Lbr. Co., Oriol Bldg., St. Louis, Mo.  
 Griffin, A. J., architect, North Bend, Ore.  
 Griffin, A. M., architect, N. & C. Ry., Nashville, Tenn.  
 Griffin & Boehme, cornices, 121 W. University av, St. Paul, Minn.  
 Griffin Bros., school slates, Bangor, Pa.  
 Griffin Button Co., Shelton, Conn.  
 Griffin, C. N., Co., contractors, 3111 Carnegie av, S. E., Cleveland, Ohio.  
 Griffin, C. W., brooms, Chanute, Kans.  
 Griffin, Chas., mill engrs., 121 S. Walker, Lowell, Mass.  
 Griffin & Co., masons' & bldrs.' matls., Gloucester, Mass.  
 Griffin Construction Co., Atlanta, Ga.  
 Griffin, D. F., & Bros., contractors, Portland, Me.  
 Griffin Envelope Co., 156 Perry, San Francisco, Cal.  
 Griffin, E. W., architect, Porterville, Cal.  
 Griffin, G. W., Co., machsts. & fndrs., Franklin, N. H.  
 Griffin, Geo. B. & C. M., broom corn, Charleston, Ill.  
 Griffin, Geo. W., architect, Concord, N. H.  
 Griffin, H., & Bro., contractors, Nashville, Tenn.  
 Griffin, H. F., steel struct. wks., Mennen Annes, New Orleans, La.  
 Griffin, H. M., architect, Connersville, Ind.  
 Griffin Hardware Co., Rome, Ga.  
 Griffin, J. W., architect, Savings Bk. Bldg., Watertown, N. Y.  
 Griffin, John F., Co., contractors, 17 Milk, Boston, Mass.  
 Griffin, John J., & Co., machsts., 1513 Race, Philadelphia, Pa.  
 Griffin Lumber Co., Sandy Hill, N. Y.  
 Griffin, M. J., contractor, 169 Stanton av, Detroit, Mich.  
 Griffin Mfg. Co., hardware mfrs., 15th & Cherry, Erie, Pa.  
 Griffin Mill Co., lumber, Griffin, Ark.  
 Griffin Oil Co., Griffin, Ga.  
 Griffin Press Brick Co., Griffin, Ga.  
 Griffin Roofing Co., 506 W. 26th, New York.



- Griffin & Satterwhite, wholesale hdwe., Roanoke, Ala.  
 Griffin & Skelley Co., canned goods, San Francisco, Cal.  
 Griffin, T. M., coffins, caskets, etc., Linderman, S. C.  
 Griffin Transfer Co., masons' & bldrs.' matls., Tacoma, Wash.  
 Griffin, W. C., Land Co., lumber, Brooklyn, Miss.  
 Griffin, Walter Burley, landscape architect, 104 S. Michigan av., Chicago, Ill.  
 Griffin Wheel Co., machsts. fndrs., 332 S. Michigan, Chicago, Ill.  
 Griffin & Wynkoop, architects, 30 Church, New York.  
 Griffith & Boyd Co., fertilizer mfrs., 9 S. Gay, Baltimore, Md.  
 Griffith Bros., Slate Co., roofing slate mfrs., Slatington, Pa.  
 Griffith, C. H., cornices & skylights, Bernardsville, N. J.  
 Griffith Concrete & Constr. Co., 3513 Grand blvd., Ptg., Pa.  
 Griffith Cornice Wks., 2441 Indiana av., Chicago, Ill.  
 Griffith, David, granite producer, Penryn, Cal.  
 Griffith, E. R. & W. M., contractors, West Chester, Pa.  
 Griffith, F. Morrison, architect, 11511 St. Clair av., Cleveland, O.  
 Griffith, Frank H., masons' & bldrs.' matls., Kingston, N. Y.  
 Griffith, C. V., & Son, wood handles, Muncie, Ind.  
 Griffith, Geo. D., & Co., lbr., 11 S. La Salle, Chicago, Ill.  
 Griffith, Geo. J., & Co., archl. iron, Johnstown, Pa.  
 Griffith, Geo. T., architect, Crawfordsville, Ind.  
 Griffith & Goodrich, architects, Mo. Am. Bldg., Fort Wayne, Ind.  
 Griffith, Harry C., architect, Canby Bldg., Dayton, Ohio.  
 Griffith Hdwe. Co., cornices, Girardville, Pa.  
 Griffith, Henry C., architect, Ludlow, Ky.  
 Griffith, Jas. E., contractor, Freeland, Pa.  
 Griffith, Jas., & Sons Co., contractors, Reading rd & E. 12th, Cincinnati, Ohio.  
 Griffith Lumber Co., Santa Anna, Cal.  
 Griffith Mfg. & Supply Co., machsts. & fndrs., Griffith, Ind.  
 Griffith, Robt. C., cooperage stock, Terre Haute, Ind.  
 Griffith, T. A., sashes, doors & blinds, Okla, Okla.  
 Griffith & Turner Co., fanning mills, 215 N. Paca, Baltimore, Md.  
 Griffith, W. F. & Bro., canned goods, Emmerton, Va.  
 Griffith, Webster, lumber, Ebensburg, Pa.  
 Griffith & Wedge Co., machsts. & fndrs., Zanesville, Ohio.  
 Griffith, Wm. J., roofing slate, Poultney, Vt.  
 Griffith, Wm. M., architect, Sapulpa, Okla.  
 Griffiths, A. J., & Son, boiler compounds, 3526 Gtn. av., Philadelphia, Pa.  
 Griffiths Charcoal Iron mills, Washington, Pa.  
 Griffiths & Co., masons' & bldrs.' matls., Dallas, Tex.  
 Griffiths, Harry, architect, 105 Church, New Haven, Conn.  
 Griffiths, Jas. A., boiler castings, brass castings, 1315 Buttonwood, Philadelphia, Pa.  
 Griffiths, John, & Son Co., contractors, 112 W. Adams, Chicago, Ill.  
 Griffiths Machine Works, 22 Clementina, San Francisco, Cal.  
 Griffiths & Pierce, contractors, Utica, N. Y.  
 Griffoul, A., & Bros. Co., machsts. & fndrs., 280-286 Chestnut, Newark, N. J.  
 Grigg-Hanna Co., packing box mfrs., 1262 Michigan av., Detroit, Mich.  
 Griggs & Ball, masons' & bldrs.' matls., East Aurora, N. Y.  
 Griggs, D. B., & Sons, box shooks, Chicopee Falls, Mass.  
 Griggs, G. W., architect, San Bernardino, Cal.  
 Griggs, Ichabod N., & Son, masons' & bldrs.' matls., Holland, N. Y.  
 Griggs Packing Co., meat packers, Roanoke, Va.  
 Griggs, Wilfred E., architect, 111 W. Main, Waterbury, Conn.  
 Grigsby & Co., fertilizer mfrs., Bardstown, Ky.  
 Grimes Bros., feed, Lexington, N. C.  
 Grimes Canning & Preserving Co., Grimes, Ia.  
 Grimes, G. W., Co., well drilling machy., machsts. & fndrs., Bluffton, Ind.  
 Grimes & Harris, machsts. & fndrs., Leominster, Mass.  
 Grimes, J. O., turpentine distillers, Wilmington, N. C.  
 Grimes, Marshall R., architect, 39 E. 42d, New York.  
 Grimes Milling Co., flour, Salisbury, N. C.  
 Grimm, A. C., glass stainer, 39 Lexington av., New York.  
 Grimm, G. H., machst., Rutland, Vt.  
 Grimm Iron Works, architectural iron, etc., Spring Grove av., Cincinnati, Ohio.  
 Grimm, John A., masons' & bldrs. matls., Hartford, Wis.  
 Grimm, Max, masons' & bldrs.' matls., Troy, N. Y.  
 Grimm, Nicholas R., architect Bond Bldg., Washington D. C.  
 Grimm, Paul, scrap brass & rubber, 284 Front, New York.  
 Grimond, J. & A. D. (Ltd.), cordage & twine mfrs., 320 B'way, New York.  
 Grimschaw, Young & Co., fruit pickers, Lowell, Mass.  
 Grinberg Bros., stoves, 154 South, New York.  
 Grinden Art Metal Co., fire proof doors, mouldings, etc., 427 Marcy av., Brooklyn, N. Y.  
 Grindle, Alf., architect, Board of Trade Bldg., Indianapolis, Ind.  
 Grindol, W. H., & Sons, stone prod., Decatur, Ill.  
 Grinels, M. P., canned goods, Bushy, Va.  
 Gring, J. M., Co., masons' & bldrs.' matls., Reading Pa.  
 Grinnan, J. C., masons' & bldrs.' supplies, Arcade Bldg., Norfolk, Va.  
 Grinnell Washing Machine Co., Grinnell, Ia.  
 Grinnell Brick & Tile Co., Grinnell, Ia.  
 Grinnell Canning Co., Grinnell, Ia.  
 Grinnell Elec. Car Co., stor. battery trucks, 467 Wood av., Detroit, Mich.  
 Grinnell Electric & Heating Co., Grinnell, Ia.  
 Grip Nut Co., McCormick Bldg., Chicago, Ill.  
 Grip-Tite Co., belt dressing, New Brunswick, N. J.  
 Grippin Mfg. Co., wood fillers, Newark, N. J.  
 Grisco-Russell Co., machinery mfrs., 92 West, New York.  
*See adv index at end of book.*  
 Grisham, C. S., & Co., flour mills, Newbern, Tenn.  
 Grismore-Hyman Co., cooperage stock, Memphis, Tenn.  
 Grissele, J. P., Cornice Co., Cedar Rapids, Ia.  
 Grissinger Machine Works, 904 Quarry, Philadelphia, Pa.  
 Griswold, Geo., architect, Middletown, Conn.  
 Griswold, Geo. M., Mach. Co., New Haven, Conn.  
 Griswold Mfg. Co., aluminum & iron cooking utensils & stoves, Erie, Pa.  
 Griswold Mfg. Co., machsts., Rock Island, Ill.  
 Griswold, Richmond & Glock Co., cornices & skylights, Meriden, Conn.  
 Griswold-Sohl Co., whol. hdwe., 79 N. Front, Columbus, Ohio  
 Griswoldville Mfg. Co., crinoline, Griswoldville, Mass.  
 Groah, B. A., Constr. Co., 847 W. North, Pittsburgh, Pa.  
 Grobert, Henry, contractor, East Orange, N. J.  
 Groce, Charles E., meat packer, Circleville, Ohio.  
 Groch, Fred'k, Coal Co., masons' & bldrs.' matls., Sandusky, O.  
 Groch, Max, machst., 41 Av L, Newark, N. J.  
 Groendyke, J. C., cordage & twine mfr., 8 S. Dearborn, Chicago, Ill.  
 Groening Bros., flour, Lehigh, Kans.  
 Groeninger, J. J., Co., cornices, Evansville, Ind.  
 Groeschel, Jacob, heating contr., 1513 Lloyd, Milwaukee, Wis.  
 Groezinger's, G., Sons, leather & belting mfrs., Lancaster, Pa.  
 Groff, F. A., & Son, cow milking machines, St. Johnsville, N. Y.  
 Grof, Frank H., Mfg. Co., fireplace fixture mfrs., 322 7th av., New York.  
 Groff & Weaver, carriages, New Holland, Pa.  
 Grogan, Chas., canned goods, Los Angeles, Cal.  
 Grogan, H. F., & Co., paint & varnish mfrs., etc., 2113 E. Sergent, Philadelphia, Pa.  
 Groman Bros. (Ltd.), brick, South Bethlehem, Pa.  
 Gromann, Hy F., yacht sails, 320 Pearl, New York.  
 Grona, A., mattresses, San Antonio, Tex.  
 Gronborg, C. C., cornices, West New York, N. J.  
 Grone, Louis H., contractor, Benvist Bldg., St. Louis, Mo.  
 Gronen & Cowan, lumber mfrs., Waterloo, Ia.  
 Gronenberg & Leuchtag, architects, 303 5th av., New York.  
 Groomes, Thos. C., architect, Rockville, Md.  
 Grootenboer, R. H., architect, Castle Hall, Indianapolis, Ind.  
 Gropper, M., & Sons, toys, games & nov., 36 Union Sq., New York.  
 Grosback, Wm., & Co., archl. iron, 37 Maspeth av., Brooklyn, N. Y.  
 Grosch, Ernest L., architect, Hazleton, Pa.  
 Grosche, Bruno, & Co., paints, disinfectants, etc., 90 Wall, New York.  
 Groscup Co., heating contractors, St. Paul & 26th, Baltimore, Md.  
 Groseclose, J. C., flour mills, Crockett, Va.  
 Grosklaus, John, & Son, contractors, 299 Old Bergen rd, Jersey City, N. J.  
 Groskopf Bros., trunk mfrs., Grand Rapids, Mich.  
 Grosline, W., lumber mfrs., Millers Mills, N. Y.  
 Gross, A., & Co., candles, oils, etc., 90 West, New York.  
 Gross Bros., machsts. & fndrs., Eugene, Ore.  
 Gross Bros., sashes, doors & blinds, Homeworth, Ohio.  
 Gross Chandelier Co., 1107 Locust av., St. Louis, Mo.  
 Gross Co., agricultural implements, Carroll, Ia.  
 Gross, Conrad, carriages, Richmond, Va.  
 Gross Constr. Co., Oklahoma, Okla.  
 Gross, F. C., & Bros. Co., meat packers, Muskego av., Milwaukee, Wis.  
 Gross, F. H., cornices & skylights, Washington, Ind.  
 Gross-Feibel Co., machsts., Hillsboro, Ohio.  
 Gross, Fred B., & Son, brick, Orland, Me.  
 Gross, G. V., & Co., essential oils, 30 Old Slip, New York.  
 Gross, Geo. M., cornices, 1445 S. State, Chicago, Ill.  
 Gross, H. E., & Co., mattresses, 823 Rebecca, Pittsburgh, Pa.  
 Gross & Herman, contractors, 529 W. 158th, New York.  
 Gross, J. H., & Co., turpentine, Lessie, Fla.  
 Gross & Kleinberger, architects, Bible House, New York.  
 Gross, Otto, oils, ore, plumbago, etc., 66 Beaver, New York.  
 Gross, Philip, Hdwe. Co., 218 3d, Milwaukee, Wis.  
 Gross Star Gas Iron Co., 336 Van Buren, Chicago, Ill.  
 Gross, W. H., marble producers, Lee, Mass.  
 Grosseup & Sons, contractors, Bridgeton, N. J.  
 Grosse, R. E., masons' & bldrs.' matls., Mason, Tex.  
 Grosser Knitting Mach. Co., 260 W. B'way, New York.  
 Grossius, Jno., Furnace Co., machsts. & fndrs., 318 E. 8th, Cincinnati, Ohio.  
 Grooskopf, Fred A., lumber, Pella, Wis.  
 Grossman Bros. & Rosenbaum, elevators, vault lights, archl. iron, Willow av & 133d, New York.  
 Grossman, Emil, Mfg. Co., spark plugs, 167 41st, B'klyn, N. Y.  
 Grossman, G. J., stone producers, Meriden, Conn.  
 Grossman & Hooe Saddlery Co., 221 Main, Cincinnati, Ohio.  
 Grossman, M., scrap iron, 560 Maxwell, Chicago, Ill.  
 Grossman, W., & Son, fertilizer mfrs., Petersburg, Va.  
 Grosso, Flavio B., architect, 126 Market, Paterson, N. J.



- Grosswiller, Jos. F., Co., plumbers' supplies, 430 Huron, Toledo, Ohio.
- Grosvenor, W. J., & Co., contractors, 8 Beacon, Boston, Mass.
- Grosvenor-Dale Co., cotton sheetings, Grosvenor Bldg., Providence, R. I.
- Grotbe, Wm. H., brick, York, Pa.
- Grote, F., & Co., mirrors, monograms, buttons, etc., 82 4th av, New York.
- Grote, F., Mfg. Co., machsts. & fndrs., Evansville, Ind.
- Grote, Geo. W., & Co., cement, paints, putty, etc., 430 E. 102d, New York.
- Grote, Hy. C., architect, 5899 Delmar av, St. Louis, Mo.
- Grote Mfg. Co., freight elev., Evansville, Ind.
- Grottenrath, Fred, machy. dlr., 103 W. Water, Milwaukee, Wis.
- Groth, Adam, & Co., stone prod., Joliet, Ill.
- Groth, J. F., & Son, lime, Cedarburg, Wis.
- Grothe, John J., snow plows, Woburn, Mass.
- Grottes, Chas., machst., 128 N. Jefferson, Chicago, Ill.
- Groton Bridge Co., steel truct. wk., Groton, N. Y.
- Groton Leatherboard Co., 16 State, Boston, Mass.
- Grotz, Chas. J., architect, 54 W. Randolph, Chicago, Ill.
- Grovania Cotton Oil Co., Grovania, Ga.
- Grove City College Dept. of Mech. & C. E. Engng. School & Coll., Grove City, Pa.
- Grove City Limestone Co., Grove City, Pa.
- Grove Feed & Storage Co., flour mills, Elkins, W. Va.
- Grove, Geo. H., architect, 213 Walnut, Harrisburg, Pa.
- Grove, Isaac, machst., Rheems, Pa.
- Grove Linseed Oil Co., Del. av & Bigler, Philadelphia, Pa.
- Grove, M. J., Lime Co., Lime Kiln, Md.
- Grove, O. S., architect, 2911 Telegraph av, Berkeley, Cal.
- Grove-Wharton Constr. Co., New Omaha Nat. Bk. Bldg., Omaha, Nebr.
- Groveland Mills, woolen flannels, South Groveland, Mass.
- Groveman, J., silver nov., 119 Franklin, New York.
- Grover, C. L., architect, Willmar, Minn.
- Grover File Co., file makers & moving truck mfrs., Nashua, N. H.
- Grover, John D., & Son, cattle, plastering & curled hair, Somerset & Tulip, Philadelphia, Pa.
- Grover, R. A., handles, dowels, skewers, etc., Andover, Me.
- Groves, Albert B., architect, 314 N. 4th, St. Louis, Mo.
- Groves, Eugene G., architect, Gas & Elec. Bldg., Denver, Colo.
- Groves, L. M., contractor, 7 Rockwood av, Worcester, Mass.
- Grow, F. J., lumber, Napoleon, Ind.
- Growall, J. P., sash, door & blind, Rockwood, Pa.
- Growe, J. F., Constr. Co., 479 S. Pearl, Albany, N. Y.
- Growers' Canning Co., Council Bluffs, Iowa.
- Growney, E. P., architect, Granite Bldg., Rochester, N. Y.
- Grozier, Jas. H., Co., contractors, Hartford, Conn.
- Grubb, Geo. W., sashes, doors & blinds, Greencastle, Ind.
- Grube, Adam, & Son, brick, Springfield, Ohio.
- Grube Bros., brick, Springfield, Ohio.
- Grube, E. A., contractor, Youngstown, Ohio.
- Grube, H. L., lumber whol., Baltimore & South, Baltimore, Md.
- Grube, Martin, gin distillers, Huntingdon, Pa.
- Grube-Meyering Trunk Co., Fulton & Peoria, Chicago, Ill.
- Gruber & Co., masons' & bldrs.' matls., St. Cloud, Minn.
- Gruber & Doss, masons' & bldrs.' matls. & architects, Shelbyville, Ky.
- Gruber, E. Wm., brick, Ord, Neb.
- Gruber, Rupert & Co., cornices, 541 Sherman, Buffalo, N. Y.
- Grueby Faience & Tile Co., ant. & enamelled, 560 1st, S. Boston, Mass.
- Gruen, D., Sons & Co., watch case mfrs., 301 Johnson Bldg., Cincinnati, Ohio.
- Gruen, Wm. H., architect, Chemical Bldg., St. Louis, Mo.
- Gruendel, Geo., Mach. Wks., 440 N. Peoria, Chicago, Ill.
- Gruendler, A. H., cornices, 1018 Cass av, St. Louis, Mo.
- Gruendler Patent Crusher & Pulverizer Co., corn mills, 928 Main, St. Louis, Mo.
- Gruenebaum, L., scrap brass, 418 E. 7th, Cincinnati, Ohio.
- Gruhl Sash & Door Co., 195 Stewart, Milwaukee, Wis.
- Gruhl, Wm. J., Co., contractors, 219 E. High av, Phila., Pa.
- Gruman Ice Tool Wks., machsts, plows, Branchville, Conn.
- Grumb Bros., stone, Lowell, Mass.
- Grundford, J. A., architect, Brooks Arcade, Salt Lake City, Utah.
- Grundfor, M., architect, Pocatello, Idaho.
- Grundy Brass Wks., floor plates, Boston, Mass.
- Grundy, J. E., & Co., machsts. & fndrs., 82 Sudbury, Boston, Mass.
- Gruner, Phillip, & Bro. Lbr. Co., 4006 N. B'way, St. Louis, Mo.
- Grunert, James E., architect, 2409 Rich. rd, New Dorp, N. Y.
- Gruninger, F. H., architect, Warren, Pa.
- Grupe, John P., boilers, Davenport, Ia.
- Grupelli, Eney, contractor, Morristown, N. J.
- Grupp, Edw., & Son, contractors, 205 Riley, Buffalo, N. Y.
- Grush, Chas. E., architect, Beverly, Mass.
- Grussing, Geo. H., architect, 154 W. Randolph, Chicago, Ill.
- Grymes Engineering Co., drydocks & shipyards, Morris, Jersey City, N. J.
- Grzybowski, Albert, contractor, Toledo, Ohio.
- Guadalupe River Navigation Co., sand & gravel dlrs., Victoria, Tex.
- Guantanamo Sugar Co., 129 Front, New York.
- Guarantee Ash Can Co., 203 E. 101st, New York.
- Guarantee Co. of N. Am., indemnity bond insurance, 111 B'way, New York.
- Guarantee Construction Co., 131 State, Boston, Mass.
- Guarantee Const. Co., 140 Cedar, New York.
- Guarantee Elec. Co., 430 S. Green, Chicago, Ill.
- Guarantee Roofing Co., 61 E. 4th, New York.
- Guarantee Sheet Metal Wks., 439 E. 23d, New York.
- Guarantee Tire & Rubber Co., spark plugs, Indianapolis, Ind.
- Guaranteed Appliance Co., radiator valves, 14 E. Jackson blvd, Chicago, Ill.
- Guaranty Iron & Wire Co., fire doors & iron stairs, 2847 W. Lake, Chicago, Ill.
- Guard, Roy, architect, Norwich, N. Y.
- Guard, Shirley R., architect, 8 W. 40th, New York.
- Guardian Gas Appliance Co., gas furnaces & garbage incinerators, 3409 Superior, Cleveland, Ohio.
- Guarino, Fortunato, contractor, 254 E. 110th, New York.
- Gubbins, Wm. F., architect, 155 N. Clark, Chicago, Ill.
- Gubser Bros., contractors, 2nd & Saratoga, Cincinnati, Ohio.
- Guckenheimer, A., & Bros. Co., 125 1st av, Pittsburgh, Pa.
- Gude & Co., contractors, Atlanta, Ga.
- Gudeman & Co., decorative elec. lighting, 19 W. 36th, New York.
- Guentsch, L., buttons, 182 Centre, New York.
- Guentert, E., architect, 5707 Brilliante av, St. Louis, Mo.
- Guenther, C. H., & Son, flour mills, San Antonio, Texas.
- Guenther, Fred W., contractor, Burlington, Ia.
- Guenther Hardware Co., Owensboro, Ky.
- Guenzel, Louis, architect, 111 W. Washington, Chicago, Ill.
- Guerber Engng. Co., steel structl. wk., Bethlehem, Pa.
- Guerdan, F., & Son, iron, 829 S. 7th, St. Louis, Mo.
- Guerin, P. E., Inc., hdwe., machsts., 21 Jane, New York.
- Guernsey Earthenware Co., crucibles, Cambridge, Ohio.
- Guernsey, R. T., contractor, 253 S. Quince, Philadelphia, Pa.
- Guerriere, Daniel A., architect, 647 Main, Hartford, Conn.
- Guertin, J. Noel, architect & genl. contr., Manchester, N. H.
- Guest & Co., wholesale hdwe., New London, Conn.
- Guest, Geo., Son, fndrs., 4423 Ludlow, Philadelphia, Pa.
- Guffey, J. M., Petroleum Co., lubrg. oils, Pittsburgh, Pa.
- Gugert, Francis A., architect, Wayne, Pa.
- Guggenheim Bros., meat packers, 46th & Packers, Chicago, Ill.
- Gugler Lithographic Co., label mfrs., 696 B'way, Milwaukee, Wis.
- Guide Motor Lamp Co., W. 114th, Madison, Cleveland, Ohio.
- Guidone, A. L., & Son, contractors, 52 Vanderbilt av, New York.
- Guile, Jas., & Sons, paper & pulp mills, Downingtown, Pa.
- Guignon, E. E., cornices, Corry, Pa.
- Guignon, H. A., cornices, Corry, Pa.
- Guilbert & Betelle, architects, 665 Broad, Newark, N. J.
- Guilbert & Funston, architects, Robinson Bldg., Racine, Wis.
- Guild & Co., contractors, Chattanooga, Tenn.
- Guild & Garrison, pump mfrs., 463 Kent av, Brooklyn, N. Y.
- Guilderland Fdry. Co., Guilderland, N. Y.
- Guile & Windnagle, grape baskets, Penn Yan, N. Y.
- Guiler Engng. Co., cane sugar mchy., Framingham, Mass.
- Guilford Lbr. Mfg. Co., Greensboro, N. C.
- Guilford Mfg. Co., woodenware & novelties, Guilford, Me.
- Guilford & Waltersville Granite Co., Law Bldg., Baltimore, Md.
- Guilfooy Cornice Works, 209 8th, San Francisco, Cal.
- Guillott Metal Gasket & Supply Co., 24 S. Clinton, Chicago, Ill.
- Guinotte, K., architect, Midland Bldg., Kansas City, Mo.
- Guiou & Leitch, masons' & bldrs.' matls., Omaha, Nebr.
- Guiatino Bros., bldg. contrs., Portland, Ore.
- Guiterman, Rosenfield & Co., platinum, iridium, sheet alum., 35 S. William, New York.
- Gulbransen-Dickinson Co., pianos, 36 S. State, Chicago, Ill.
- Guldaman & Son, tubular boilers, Wichita, Kans.
- Guldberg, Chris A., architect, 198 President, Brooklyn, N. Y.
- Gulick-Henderson Co., chemists, 21 Park Row, New York.
- Gulf Arm & Creosoting Co., Hattiesburg, Miss.
- Gulf Bag Co., 330 Notre Dame, New Orleans, La.
- Gulf Boiler Works, Tampa, Fla.
- Gulf Chemical Co., Marianna, Fla.
- Gulf City Boiler Wks. Co., Mobile, Ala.
- Gulf City Milling Co., flour, Mobile, Ala.
- Gulf Coast Brick & Tile Co., Brownsville, Tex.
- Gulf Cooperage Co., oil barrels, Frick Annex, Pittsburgh, Pa.
- Gulf Fertilizer Co., Tampa, Fla.
- Gulf Galvanized & Metal Works, cornices & skylights, 2845 Magazine, New Orleans, La.
- Gulf Guano Co., Bainbridge, Ga.
- Gulf Iron Works, Tampa, Fla.
- Gulf Mach. Wks., Pensacola, Fla.
- Gulf Packing Co., canned goods, Biloxi, Miss.
- Gulf Pine Co., turpentine, Odessa, Fla.
- Gulf Pine Line Co., Frick Bldg. Annex, Pittsburgh, Pa.
- Gulf Red Cedar Co., lumber mfrs., Richmond, Va.
- Gulf Refining Co., petroleum products, Frick Bldg. Annex, Pittsburgh, Pa.
- Gulf States Belting & Hose Co., Shreveport, La.
- Gulf States Steel Co., Birmingham, Ala.
- Gulfport Creosoting Co., Gulfport, Miss.
- Gulfport Fertz. Co., Gulfport, Miss.
- Gulick-Henderson Co., engrs., 525 3d av, Pittsburgh, Pa.
- Gulickson, Geo., grate bar mfrs., 330 Milwaukee av, Chicago, Ill.
- Gullberg & Smith, book gathering machs., 187 Lafayette, New York.



- Gullett Gin Co., Amite City, La.  
 Gullett, John D., architect, Chamber of Com. Bldg., Birmingham, Ala.  
 Gulliver, John W., bldg. contr., Portland, Me.  
 Gumbinsky, Oscar & Bros., scrap iron & rubber, Kalamazoo, Mich.  
 Gunby, L. W., Co., wholesale hdwe., Salisbury, Md.  
 Gummell, Edw. G., contractor, 36 P. N. W., Washington, D. C.  
 Gummey, McFarland & Co., tin plate, 147 N. 10th, Phila., Pa.  
 Gump, B. F., Co., mill & facty. supplies & mchsts., 429 S. Clinton, Chicago, Ill.  
 Gump, Chas. A., mill & facty. supplies, Dayton, Ohio.  
 Gumz, Gutknecht & Wussow, bldg. contrs., M. & N. Bk. Bldg., Milwaukee, Wis.  
 Gumz, Herman, Boiler Wks., 7 Greenwood Lake R. R. av, Newark, N. J.  
 Gumz, R., & Co., meat packers, Muskego av, Milwaukee, Wis.  
 Gunby, L. W., Co., mill & facty. supplies & cornices, Salisbury, Md.  
 Gunckel, Frank, contractor, Germantown, Ohio.  
 Gund Mfg. Co., guy anchors, adjusters, etc., E. R., La Crosse, Wis.  
 Gund Mfg. Co., mechanical toys, 440 W. 42d, New York.  
 Gunderman, Geo. J., contractors, South Bend, Ind.  
 Gunderson Milling Co., flour, Kenyon, Minn.  
 Gundlach, Chas., cornices, Sandusky, Ohio.  
 Gundlach, H., contractor, Houghton, Mich.  
 Gundlach-Manhattan Optical Co., Rochester, N. Y.  
 Gundling, B. V., Co., sash, door & blind, West New York, N. J.  
 Gunkel, Otto F., cornices, Ft. Wayne, Ind.  
 Gunlach, P. M., Sons, agricultural implements, Belleville, Ill.  
 Gunlocke, W. H., Chair Co., Wayland, N. Y.  
 Gunn, E. G., lumber mfrs., 2211 E. Main, Richmond, Va.  
 Gunn Furniture Co., Grand Rapids, Mich.  
 Gunn, W. S., & Co., fndrs., 1312 W. Marshall, Richmond, Va.  
 Gunning, D., architect, 1664 W. 24th, Los Angeles, Cal.  
 Gunpowder Paper Mill, White Hall, Md.  
 Gunset, Louis E., htg. contr., 2259 Ryer av, New York.  
 Gunster Bros., plumbers' & steamfitters' supplies & wholesale hdwe., Scranton, Pa.  
 Gunther Bros., common brick, Port Washington, Wis.  
 Gunther, F. W., Co., canned goods, Racine, Wis.  
 Gunther Hardware Co., 505 Hampshire, Quincy, Ill.  
 Gurd, John A., architect, 281 5th av, New York.  
 Gurda, Leon M., architect, 478 Mitchell, Milwaukee, Wis.  
 Gurley, W. & L. E., architects & engineers & instruments & supplies, Troy, N. Y.  
 Gurney, Ansel S., & Co., masons' & bldrs.' matls., Wareham, Mass.  
 Gurney Ball Bearing Co., Jamestown, N. Y.  
 Gurney, D. B., tacks, Whitman, Mass.  
 Gurney Elec. Elev. Co., Honesdale, Pa.  
 Gurney Elevator Co., 62 W. 45th, New York.  
 Gurney Refrigerator Co., Fond Du Lac, Wis.  
 Gurney, Wm. H., htg. contrs., Paterson, N. J.  
 Guss, E. M., & Sons, wholesale hdwe., Mifflin, Pa.  
 Guss, Walter G., architect, 2804 14th, N. W., Washington, D. C.  
 Gussaroff Realty & Constr. Co., 601 W. 149th, New York.  
 Gussman Key Cutting Mach. Co., 1 Madison av, New York.  
 Gust, G. W., rural mail boxes, Morenci, Mich.  
 Gustafson, J. H., leaded glass, Rochester, N. Y.  
 Gustafson Mfg. Co., car brasses, machsts. & fndrs., Chattanooga, Tenn.  
 Gustafson & Scott Mfg. Co., saw clamps, 4325 Wabansia av, Chicago, Ill.  
 Gustaveson, P., machsts., Chehalis, Wash.  
 Gustin-Bacon Mfg. Co., mill & facty. supplies, fuel oil burners, machy., etc., 1604 Grand, Kansas City, Mo.  
 Gustin, N., & Son, machsts., Johnstown, N. Y.  
 Gutlius, Jno., & Son, carriages, Mifflinburg, Pa.  
 Gutleish, A. A., htg. contrs., Lancaster, Pa.  
 Guth, Alex. C., architect, 425 E. Water, Milwaukee, Wis.  
 Guth, J. P., architect, Paxton Bldg., Omaha, Nebr.  
 Guth Mfg. Co., curtain poles & stretchers, 116 E. 24th, New York.  
 Guthrieless, J. E., common brick, Leavenworth, Wash.  
 Gutherman, J. J., masons' & bldrs.' matls., 32 Chester, Brooklyn, N. Y.  
 Guthrie, A., & Co., bldg. contrs., Endicott Bldg., St. Paul, Minn.  
 Guthrie, B. B., lumber, Carbon Hill, Ala.  
 Guthrie Bros., red rfg. slate, West Pawlet, Vt.  
 Guthrie Iron Wks., machsts. & fndrs., Guthrie, Okla.  
 Guthrie, Jones & Co., carriages, Wilmington, Del.  
 Guthrie Mill & Elevator Co., Guthrie, Okla.  
 Guthrie-Thompson Co., contractors, Lemcke Bldg., Indianapolis, Ind.  
 Guthrie, Wm. A., lumber, Indianapolis, Ind.  
 Guthy, Peter, contractor, 926 B'way, Brooklyn, N. Y.  
 Gutleben Bros., contractors, New Call Bldg., San Francisco, Cal.  
 Gutmann, Ferdinand, Co., bottle sealing machs., 134 W. 29th, New York.  
 Guttradt, Jos., Co., soap, San Francisco, Cal.  
 Gutschmidt, W. H., cornices, West Hoboken, N. J.  
 Gutta Percha & Rubber Mfg. Co., rubber goods mfrs., 126 Duane, New York.  
 Guttentberg Canning Co., Guttentberg, Ia.  
 Guttentberg Excelsior Mfg. Co., excelsior, Guttentberg, Ia.  
 Guttentberg, S. A., architect, Proctor Bldg., Mount Vernon, N. Y.  
 Gutterson & Gould, scrap iron, Lawrence, Mass.  
 Gutterson, Harry H., architect, 278 Post, San Francisco, Cal.  
 Guttermann, Paul H., & Co., contractors, 1536 N. Gay, Baltimore, Md.  
 Guyton & Cumfer Mfg. Co., roofing machs., 4451 Fillmore, Chicago, Ill.  
 G. V. Sales Co., polishing cloths, 12 Spruce, New York.  
 Gwathmey Engineering Co., Norfolk, Va.  
 G. & W. Electric Specialty Co., junction boxes, switches, etc., 7440 So. Chicago av, Chicago, Ill.  
 Gwilliam Co., ball and roller bearings, 225 W. 58th, New York.  
*See adv index at end of book.*  
 Gwinn Bros. & o., flour mills, Huntington, W. Va.  
 Gwizdowski, J. J., architect, 901 Russell, Detroit, Mich.  
 Gwynn, Jas., Burner & Engineering Co., Empire Bldg., Pittsburgh, Pa.  
 Gwynn Island Fish & Oyster Co., canned, Grimstead, Va.  
 Gwynnbrook Dist. Co., Gwynnbrook, Md.  
 Gyllenberg, J. A., mach. & fndr., Baker, Ore.  
 Gypsite Fireproofing Co., tile ceilings, 4th & Holden, Detroit, Mich.  
 Gypsum Canning Co., Port Clinton, Ohio.  
 Gypsum Fireproofing Co., 205 Monroe, Chicago, Ill.  
 Gypsum Products Co., 14 E. Jackson, Chicago, Ill.  
 Gyro Metal Works, machinists, Norfolk, Va.  
 Gyro Motor Co., 744 Girard, N. W., Washington, D. C.  
 Haack, Louis, gas fixtures, 619 10th av, New York.  
 Haag Bros. Co., clothes washing machs., Peoria, Ill.  
 Haag, Jacob, contractor, Mount Vernon, N. Y.  
 Haag, Jos., Roofing & Cornice Co., 29 W. 3d, St. Paul, Minn.  
 Haagen, Paul T., architect, 139 N. Clark, Chicago, Ill.  
 Haag's Cutting Die Wks., glove machy., Gloversville, N. Y.  
 Haak, Wm. A., contractor, Flushing, N. Y.  
 Haaker, W., Co., canned goods, 99 N. Moore, New York.  
 Haarmann, G., & Co., steel structural wk., Holyoke, Mass.  
 Haartz, J. C. (Inc.), artificial leather, 136 Federal, Boston, Mass.  
 Haas, Chas. C., contractor, Jamestown, N. Y.  
 Haas, Chas., Sheet Metal Wks., cornices, Omaha, Neb.  
 Haas & Freid, contractors, 90 E. 10th, New York.  
 Haas, G. M., machsts., Town of Union, N. J.  
 Haas, Geo. J., architect, Kresge Bldg., Detroit, Mich.  
 Haas, Harvey B., machst. & fndr., East Greenville, Pa.  
 Haas & Hohmann, cornices & skylights, Kaukauna, Wis.  
 Haas, Morris, cornices & skylights, 1817 Mary, Pittsburgh, Pa.  
 Haas, Philip, Co., plbrs.' specialties, Dayton, Ohio.  
 Haas, R., Elec. & Mfg. Co., Springfield, Ill.  
 Haas, W. D., & Co., masons' & bldrs.' matls., Bunkie, La.  
 Haase-Bohle Carriage Co., 3958 Laclede av, St. Louis, Mo.  
 Haase, Conrad, mattresses, Evansville, Ind.  
 Haase, Edwin C., architect, 558 E. North, Buffalo, N. Y.  
 Haase Mach. Wks., milling mach. attachmts, Minneapolis, Minn.  
 Haase Motor Wks., machsts., Milwaukee, Wis.  
 Habenicht & Howlett, plate glass, 525 Clay, San Francisco, Cal.  
 Haber, C. A., architect, Monadnock Bldg., San Francisco, Cal.  
 Haberer & Co., carriage & wagon bodies & seats, Gest & Summer, Cincinnati, Ohio.  
 Haberer, Felix H., architect, 1510 High, Utica, N. Y.  
 Habernhorn, J. H. A., Co., contractors, 384 14th av, Detroit, Mich.  
 Haberkamp, Wm., Mach. Wks., 442 Wells, Chicago, Ill.  
 Haberkorn, C. H., & Co., tea wagons, B'klyn & Eighth, Detroit, Mich.  
 Haberle, J. B., machinist, South Bend, Ind.  
 Haberman, Chas., water heaters, Columbus, Ohio.  
 Haberman Hardware Co., Marion, Ohio.  
 Habersack, N. A., architect, 160 W. 99th, New York.  
 Habbegger, Fred, brick, Wrenshall, Minn.  
 Habig, Geo., iron, 2819 Stanford av, Los Angeles, Cal.  
 Habirshaw Elec. Cable Co., rubber goods, 10 E. 43d, New York.  
 Hach, Richard G., urinal strainers, 159 E. 26th, New York.  
 Hack, W. C., & Sons, wholesale hdwe., Shamokin, Pa.  
 Hackedorn Contracting Co., Rauh Bldg., Indianapolis, Ind.  
 Hackenburg, W. E., & Co., silk thread, 1211 Arch, Phila., Pa.  
 Hackendahl & Schmidt Co., machsts., 1513 St. Paul, Milwaukee, Wis.  
 Hackensack Brick Co., Hackensack, N. J.  
 Hackensack Coal & Lumber Co., Hackensack, N. J.  
 Hacker, C., Co., sash, door & blind mfrs., Joliet, Ill.  
 Hacker, C. E., contractors, Brunswick, Me.  
 Hacker, Horace, & Co., machsts., 312 N. May, Chicago, Ill.  
 Hackett Bros., castings, 242 Lillibridge, Detroit, Mich.  
 Hackett-Gates-Hurty Co., hdwe., tin plate, 4th & Rosabel, St. Paul, Minn.  
 Hackett, L. K., & Co., canned goods, Finchville, Md.  
 Hackett, M., & Sons, contractors, 224 Griffith, Jersey City, N. J.  
 Hackett Motor Car Co., Jackson, Mich.  
 Hackett, P., Hardware Co., Ogdensburgh, N. Y.  
 Hackett, R., & Co., cornices, Richmond, Va.  
 Hackett & Witham, machsts. & fndrs., Skowhegan, Me.  
 Hackley, A. C., lumber mfrs., West Winfield, N. Y.  
 Hackley-Phelps-Bonnell Co., lbr. mfrs., Grand Rapids, Mich.  
 Hackman, Klehfoth & Co., masons' & bldrs.' matls., Richmond, Ind.  
 Hackner, E., Co., church furniture, La Crosse, Wis.  
 Hackney Mfg. Co., agricultural implements, cor Prior & University, St. Paul, Minn.  
 Hackney Wagon Co., Wilson, N. C.



- Hackwell, E. A., & Co., lbr., Worcester, Mass.  
 Hackworthy Const. Co., contrs., Appleton, Wis.  
 Hadaway Bros., contractors, Elyria, Ohio.  
 Haddock, Chas., machy. dlrs., 343 N. 3d, Philadelphia, Pa.  
 Haddock & Talliferro, turpentine, Damascus, Ga.  
 Haddock, Wm. D., & Co., contrs., 804 Orange, Wilmington, Del.  
 Haddorff Piano Co., Rockford, Ill.  
 Hadentine Lbr. Co., Camden, N. J.  
 Hadesty, J. M., & Son, gas tapping machs., Tamaqua, Pa.  
 Hadgkins, J. F., Co., machsts. & fndrs., Gardiner, Me.  
 Hadler, W. E., architect, 1414 Oxford, Richmond Hill, N. Y.  
 Hadley-Dean Glass Co., 11th & Lucas av, St. Louis, Mo.  
 Hadley, Harriss Co., fertilizer, Wilson, N. C.  
 Hadsell Bros. Co., lumber mfrs., Worcester, N. Y.  
 Haebler Lumber Co., sash, door & blind, Niagara Falls, N. Y.  
 Haefell, Walter, Architect, 245 W. 55th, New York.  
 Haeger Brick & Tile Co., Coal City, Ill.  
 Haeger, Leonard, architect, 3844 Utah pl, St. Louis, Mo.  
 Haenichen Bros. Silk Co., umbrella cloth, Paterson, N. J.  
 Haenke, J., Martyn Co., architects, 15 Broad, New York.  
 Haensermann Metal Mfg. Co., dials, 1100 Brook av, New York.  
 Haese Track Sander Co., sand boxes, Milwaukee, Wis.  
 Haeseler, A. M., Bldg. & Const. Co., Wainwright Bldg., St. Louis, Mo.  
 Hausermann Metal Mfg. Co., 1100 Brook av, New York.  
 Haussler, A. F., architect, Roe Bldg., St. Louis, Mo.  
 Hafer, C., Lumber Co., Council Bluffs, Ia.  
 Hafer Foundry & Machine Works, boiler cleaners, Chambersburg, Pa.  
 Hafer, J. D., cornices & skylights, Reading, Pa.  
 Hafers, Chris., Iron Wks., archl. iron, 407 W. 37th, New York.  
 Haffner Bros. Co., harness leather, 1130 Hopple, C. W., Cincinnati, Ohio.  
 Haffner, Chas., cornices & skylights, Burlington, Ia.  
 Haffner, Chas., Co., boilers, 2246 S. Halsted, Chicago, Ill.  
 Haffner-Veder Cut Stone Co., 1024 Peralta, Pittsburgh, Pa.  
 Hafker, Bryan, archl. iron, 73 N. Portland av, Brooklyn, N. Y.  
 Hafleigh & Co., case hardening compounds, Cambria & N. America, Philadelphia, Pa.  
 Hafner Mfg. Co., plate glass; lbr., Main, c Dock, St. Louis, Mo.  
 Haftenkamp, G., cornices, 34th & Prospect av, Kansas City, Mo.  
 Hagaman, Andrew, contractor, Port Richmond, N. Y.  
 Hagaman, F. L., Co., contractors, Rochester, N. Y.  
 Hagan & Co., cornices & skylights, Huntington, W. Va.  
 Hagan & Cushing, meat, Moscow, Idaho.  
 Hagan, G. W., turpentine, Iron City, Ga.  
 Hagan Gas Engine Mfg. Co., Winchester, Ky.  
 Hagan, Geo. J., Co., furnaces, People's Bk. Bldg., Pittsburgh, Pa.  
 Hagan, Jas. A., stone, 1121 E. 42d, Chicago, Ill.  
 Hagan, John, & Co., stone, Comly Ab. Del., Philadelphia, Pa.  
 Hagan, L. T., belt shifters, Winchester, Ky.  
 Hagan, Lane & Co., turpentine, Buena Vista, Ga.  
 Hagans & Isleman, flour mills, Cameron, W. Va.  
 Hagar Hdwe. & Paint Co., Burlington, Vt.  
 Hagar Portland Cement Co., 208 S. La Salle, Chicago, Ill.  
 Hagar Straw Board Paper Co., Xenia, Ohio.  
 Hagelskamp Bros. & Haverskamp, canned gds, Indianapolis, Ind.  
 Hagemeyer & Brunn, crude rubber, Produce Exch., New York.  
 Hagen, Henry, contractor, Fort Benton, Mont.  
 Hagen Oil Mill & Fertilizer Co., Hagen, Ga.  
 Hager, C. C., Co., stamp pads & ink, 1234 Penn, Pittsburgh, Pa.  
 Hager, C. & Son, Hinge Mfg. Co., 2447 De Kalb, St. Louis, Mo.  
 Hager, Chas., & Son, grease bags, 1876 B'way, New York.  
 Hager, E. M., & Sons Co., contractors, 141 Elm, Buffalo, N. Y.  
 Hager, H. F., fertilizer mfrs., Quakertown, Pa.  
 Hager, Howard, Co., contractors, 6101 Penn av, Pittsburgh, Pa.  
 Hager, Julius, contractor, Janesville, Wis.  
 Hager, O. J., contractor, Muncie, Ind.  
 Hagerman & Phillips, masons' & bldrs.' matls., Findlay, Ohio.  
 Hagerstown Cap Co., Hagerstown, Md.  
 Hagerstown Fdry. Co., Hagerstown, Md.  
 Hagerstown Heating Co., Hagerstown, Md.  
 Hagerstown Mantel & Furniture Co., bank fix., Hagerstown, Md.  
 Hagerstown Metal & Refining Co., brass castings, Hagerstown, Md.  
 Hagerstown Shoe & Legging Co., Hagerstown, Md.  
 Hagerty Bros. Co., machsts & mill & facty. supplies, Peoria, Ill.  
 Hagerty Bros. & Co., chemical glassware, 10 Platt, New York.  
 Hagg Constr. Co., 1634 Sansom, Philadelphia, Pa.  
 Haggard & Marcusson Co., mattresses, cots, swings, 1109 W. 37th, Chicago, Ill.  
 Haggerty, J. Hy., contrs.' tools, 50 South, New York.  
 Haggerty Refining Co., lubrg. oils, 50 South, New York.  
 Hagglund, H. E., mop sticks & holders, 410 W. Elm, Chicago, Ill.  
 Haglin, Stahr Co., contractors, Lumber Exch., Minneapolis, Minn.  
 Haglock, Fred W., architect, Akron Sav. & Loan Bldg., Akron, O.  
 Hagstedt, Chas., arc flaming lamps, 139 E. 54th, New York.  
 Hagstrom Bros. Mfg. Co., lamp cord adjusters, Lindsborg, Kans.  
 Hagstrom, Chas. E., & Co., contractors, Plymouth Bldg., Minneapolis, Minn.  
 Hagstoz, T. B., & Son, gold alloys, Babbitt metal, etc., 709 Sansom, Philadelphia, Pa.  
 Hague Box & Lumber Co., Tacoma, Wash.  
 Hague, Walter E., & Son, electro plating, Barker pl, Pittsburgh, Pa.  
 Hagy, Clayton L., & Son, mach. wipers, waste cotton & wool, 16th & Carpenter, Phila., Pa.  
 Hagy, D. F., architect, Tampa, Fla.  
 Hagy, J. Milton, Waste Works, cotton & wool waste, Phila., Pa.  
 Hagy, W. N., contractor & architect, San Antonio, Tex.  
 Hahl Automatic Clock Co., 2644 N. Maplewood av, Chicago, Ill.  
 Hahn, A., & Co., traveling bags, 69 5th av, New York.  
 Hahn, A. F., contractor, Chattanooga, Tenn.  
 Hahn, Arthur W., brushes, 7 Dominick, New York.  
 Hahn, Edward, architect, Bridge Plaza, Long Island City, N. Y.  
 Hahn, F. P., contractor, Nazareth, Pa.  
 Hahn, Frank E., architect, 1112 Chestnut, Philadelphia, Pa.  
 Hahn, Frank K., contractor, Cedar Rapids, Ia.  
 Hahn, Granville, slate, Walnupport, Pa.  
 Hahn, Henry, contractor, 247 Summit av, Jersey City, N. J.  
 Hahn, Howard H., architect, Kenosha, Wis.  
 Hahn, J. N., Co., corrugated paper boxes, Cuyahoga & W. 3d, Cleveland, Ohio.  
 Hahn, Max, Packing Co., meat, Dallas, Tex.  
 Hahn Motor Truck & Wagon Co., Hamburg, Pa.  
 Hahn, Scott W., contractor, 5215 Chestnut, Philadelphia, Pa.  
 Hahne, Frank, cornices & skylights, Savannah, Ga.  
 Haibach Contracting Co., 1261 N. 26th, Philadelphia, Pa.  
 Haigermoser, Jos., archl. modelers, 459 Beaubien, Detroit, Mich.  
 Haigh, Jos., & Sons Co., contractors, 140 S. Dearborn, Chicago, Ill.  
 Haight, Alton, architect, 15 E. 40th, New York.  
 Haight, Chas. C., architect, 52 Vanderbilt av, New York.  
 Haiku Fruit & Packing Co., Haiku, Hawaii.  
 Hain, G. E., Co., cornices & skylights, Fremont, Mich.  
 Hain, Geo. M., carriages, Reading, Pa.  
 Hain, Wm. T., cornices & skylights, Reading, Pa.  
 Hainer Bookkeeping Mach. Co., adding, 45 Willard av., Providence, R. I.  
 Haines, A., cornices, 100 Fulton, Brooklyn, N. Y.  
 Haines Co., exhaust & blow piping, etc., 1933 W. Lake, Chicago, Ill.  
 Haines, E. C., lumber, Portageville, Mo.  
 Haines Gauge Co., 119 S. 4th, Philadelphia, Pa.  
 Haines, Geo. S., Co., trunk, 610 Wood, Pittsburgh, Pa.  
 Haines, Jones & Cadbury Co., plumbers', mill & facty. supplies—jobbers, machsts. & fndrs., 1136 Ridge av, Philadelphia, Pa.  
 Haines Jos. H., & Sons, fertilizer mfrs., Medford, N. J.  
 Haines Lumber Co., North Tonawanda, N. Y.  
 Haines, O. J., & Son, cornices, East St. Louis, Ill.  
 Haines, W. P., & Co., pianos, 113 E. 138th, New York.  
 Haines, William, architect, 85 Robbins, Waltham, Mass.  
 Haines, William S., & Co., Haines vento vacuum valves & Heintz steam trap, 12th & Buttonwood, Philadelphia, Pa.  
 Hainline Bros., common brick, Blandinsville, Ill.  
 Hair, C. E., & Co., architects, Terminal Bldg., Oklahoma City, Okla.  
 Haire, C. S., & J. G. Link, architects, Helena, Mont.  
 Haire, James A., machst. & fndr., Weyauwega, Wis.  
 Haish, Jacob, Co., castings, De Kalb, Ill.  
 Haisler Bros. Co., brooms, brushes, 740 N. Franklin, Chicago, Ill.  
 Haiss, Geo., Mfg. Co., machsts. & wagon loaders, 365 Rider av, New York.  
 Haist, Edw. R., contractor, 1701 Main, Buffalo, N. Y.  
 Hak, Anton, pearl buttons, West Willington, Conn.  
 Hake, A. M., & Co., contractors, York, Pa.  
 Hake, Harry, architect, Telephone Bldg., Cincinnati, Ohio.  
 Hakemeyer Mach. Co., Paterson, N. J.  
 Hakes, H. W., Mfg. Co., textile machy., supplies, etc., Millbury, Mass.  
 Hakill-Hunter Co., hardware—wholesale, 35 Terminal way, Pittsburgh, Pa.  
 Hal Motor Mfg. Co., automobiles, E. 72d, Cleveland, Ohio.  
 Halback, C. E., & Co., archl. iron, 23 E. 26th, New York.  
 Halbeisen, F., brick, Fremont, Ohio.  
 Halbert, Geo., & W., church & theatre decorations, 134 Livingston, Brooklyn, N. Y.  
 Halcomb Steel Co., Syracuse, N. Y.  
 Halcomb, W. A., machst. & fndr., Poplar Bluff, Mo.  
 Halcott, Geo. C., architect, City Hall, Worcester, Mass.  
 Halerow, Wm. J., Co., contractors, 88 Clifford, Providence, R. I.  
 Halden, John C., architect, 8 Beacon, Boston, Mass.  
 Haldy Marble & Granite Wks., stone producers, Lancaster, Pa.  
 Hale, Alfred, Rubber Co., diving apparatus, 17 Covington, S. B., Boston, Mass.  
 Hale Bros., Co., brass & jack chains, Worcester, Mass.  
 Hale Buggy Mfg. Co., carriages, Anniston, Ala.  
 Hale, F. E., Mfg. Co., book cases, Herkimer, N. Y.  
 Hale Fire Pump Co., Wayne, Pa.  
 Hale, Fred A., architect, Continental blk., Salt Lake City, Utah.  
 Hale Gas Co., natural gas valve, Neodesha, Kans.  
 Hale, Geo. C., steel hames, ladders, Kansas City, Mo.  
 Hale, Geo. D., & Co., contractors, 6401 Hollywood, Los Angeles, Cal.  
 Hale, J. H., & Son, flour mills, Litton, Tenn.  
 Hale, J. I., architect, Defiance, Ohio.  
 Hale, Jno., & Sons, buckwheat flour, Lyons, Mich.  
 Hale & Kelsey, steam fitters' supplies, Middletown, Conn.  
 Hale & Kilburn Co., auto metal bodies, sheet metal stampings, moldings, etc., 18th & Lehigh av, Philadelphia, Pa.  
 Hale Motor & Mach. Co., machsts., 654 Franklin, Detroit, Mich.  
 Hale, Mylrea Co., lbr. mfrs., Wausau, Wis.  
 Hale, Perley, architect, 6 N. Clark, Chicago, Ill. & 121 B'way, San Diego, Cal.



- Hale & Rogers, architects, 470 5th av, New York.  
Hales, Jas., contractor, 1431 Milburn, Toledo, Ohio.  
Haley & Blanch Elevator Co., 53 Sabin, Providence, R. I.  
Haley-Hammond Co., mangrove bark, valonea imprts., etc., 129 Pearl, New York.  
Haley, Michael S., contractor, Chelsea, Mass.  
Haley Patent Leather Co., Winchester, Mass.  
Haley, Philip J., contractor, Willmar, Minn.  
Haleyville Oil & Fertilizer Co., Haleyville, Ala.  
Halfhill Tuna Packing Co., canned, Los Angeles, Cal.  
Halifax Paper Corp., Richmond, Va.  
Halker Bros., lbr. mfrs., Fort Wayne, Ind.  
Halkett, J. H., machst., Bridgton, Me.  
Hall, A. D., & Son, refrigerators, 33 Spice, Boston, Mass.  
Hall, A. G., fish line mtrs., Highland Falls, N. Y.  
Hall, A. M., Co., machsts., Indianapolis, Ind.  
Hall, A. S., Co., marine steering wheels, Rochester, N. Y.  
Hall, A. W., & Co., machsts., 501 S. Dearborn, Chicago, Ill.  
Hall, Albert G., architect, 56 Linwood, Roxbury, Boston, Mass.  
Hall, Alfred G., architect, 204 N. Karlov av, Chicago, Ill.  
Hall, Amos H., & Sons, beer coolers, wood tanks, 2915 N. 2d, Philadelphia, Pa.  
Hall & Barr, masons' & bldrs.' matls., Cedartown, Ga.  
Hall, Benjamin M., architect, Warren, R. I.  
Hall Bros., dock bldrs., Gloucester, Mass.  
Hall Bros., carriages, Jacksonville, Ill.  
Hall Bros., Co., churns, West Acton, Mass.  
Hall Bros., Marine Ry. & Shipbuilding Co., 312 California, San Francisco, Cal.; dry docks, Winslow, Wash.  
Hall Bros. & Wood, sash, door & blind, 54th & Lancaster av, Philadelphia, Pa.  
Hall & Brown Wood Working Machine Co., wood working machy., 1913-33 W. B'way, St. Louis, Mo.  
Hall, C. B., brooms, Iola, Kans.  
Hall, C. M., Lamp Co., Hancock & Rivard, Detroit, Mich.  
Hall, C. R., Lbr. Co., 407 Com. Tribune Bldg., Cincinnati, Ohio.  
Hall, C. W., Carriage Co., 191 John, Bridgeport, Conn.  
Hall & Carlton, masons' & bldrs.' matls., Elizabeth, N. J.  
Hall & Carpenter, tin plate, etc., 518 Race, Philadelphia, Pa.  
Hall, Chas., brick, Cass City, Mich.  
Hall, Chas. A., Hdwe. Co., Urbana, Ill.  
Hall, Chas. Ward, contractor, 130 Nassau, New York.  
Hall China Co., East Liverpool, Ohio.  
Hall & Chowning, masons' & bldrs.' matls., Shelbyville, Ky.  
Hall Concrete Products Co., flower pots, Grassland, Pa.  
Hall-Crawford Contrg. Co., reinf. concrete steel const., Macon, Ga.  
Hall-Curry Construction Co., Board of Trade Bldg., Indianapolis, Ind.  
Hall & Donahue Coffin Co., Knoxville, Tenn.  
Hall, E. N., lye, 396 B'way, New York.  
Hall, E. O., & Son, Ltd., mill & facty. supplies, Honolulu, Hawaii.  
Hall, E. R., & Bro., contractors, 34 S. 17th, Philadelphia, Pa.  
Hall, Emery S., architect, 3230 W. Monroe, Chicago, Ill.  
Hall, F. A. & P., textile machy., supplies, etc., Lawrence, Mass.  
Hall, Fessenden, veneer mfrs., 218 S. 2d, Philadelphia, Pa.  
Hall, Frank A., & Sons, machsts., 120 Baxter, New York.  
Hall, Frank B., Co., croquet sets and cross arms, Newton Falls, Ohio.  
Hall, G. R., & Co., cornices & skylights, Marlboro, Mass.  
Hall, Gardiner, Jr., & Co., cotton thread, S. Willington, Conn.  
Hall Gas Engine Co., Garden Bldg., Philadelphia, Pa.  
Hall, Geo. M., Co., contractors, Homestead, Pa.  
Hall & Graf, architects, Syndicate Tr. Bldg., St. Louis, Mo.  
Hall Hardware Co., 137 W. Washington, Indianapolis, Ind.  
Hall Hardware Co., 517 N. 3d, Minneapolis, Minn.  
Hall, Harold, architect, Sarastoa, Fla.  
Hall, Harry J., & Son, contractors, Findlay, Ohio.  
Hall, Herman R., architect, Norwich, N. Y.  
Hall-Holmes Mfg. Co., machsts., etc., Jackson, Mich.  
Hall, Howard H., Const. Co., contractors, Murpuy Bldg., East St. Louis, Ill.  
Hall & Hurlbert, machsts., ft. of 24th, Brooklyn, N. Y.  
Hall, I. A., & Co., mill & facty. supplies, Paterson, N. J.  
Hall Iron Wks., machsts. & fndrs., Lockport, N. Y.  
Hall, Irving, stone producer, Norwalk, Conn.  
Hall, J. C., Co., R. R. stationery, 68 W. Exchange, Providence, R. I.  
Hall, J. F., brick, Hazelhurst, Ga.  
Hall, J. F., Martin Co., contractors, Stimson Bldg., Los Angeles, Cal.  
Hall, J. Herbert, architect, Huntington, Pa.  
Hall, J. L. & Son, brick, Derby, Ohio.  
Hall, J. P., masons' & bldrs.' matls., 588 Central av, Jersey City, N. J.  
Hall, Jas. B., cooperage stock, Lexington, Ky.  
Hall, Jas. H., Plow Co., Maysville, Ky.  
Hall, John Howe, metallurgical engrs., 395 B'way, New York.  
Hall, John L., lumber, Williamsport, Pa.  
Hall, Jos., contractor, Logansport, Ind.  
Hall & Knight Hardware Co., Lewiston, Me.  
Hall-Leeper Hardware Co., Denison, Tex.  
Hall & Lethly, architects, Fairbanks Bldg., Springfield, Ohio.  
Hall, Lincoln & Co., cotton duck, mops, twine, 154 Milk, Boston, Mass.  
Hall, Louis, ties, Heidelberg, Ky.  
Hall Lumber Co., 101 Milk, Boston, Mass.  
Hall Machine Works, Sebring, Ohio.  
Hall, Mackay Construction Co., Chemical Bldg., St. Louis Mo.  
Hall Mammoth Incubator Co., Little Falls, N. Y.  
Hall Mfg. Co., machsts., fndrs. & fillers, Harrison, N. J.  
Hall Mfg. Co., hdwe. specialties, Monticello, Ia.  
Hall, Morgan B., Co., architects & contrs., 434 Diamond, Pittsburgh, Pa.  
Hall, N. B., & Sons, cooperage stock, Decatur, Ala.  
Hall Organ Co., pianos, West Hartland, Conn.  
Hall & Ostergren, architects, 11 S. La Salle, Chicago, Ill.  
Hall Paint & Hardware Co., Lawrence, Mass.  
Hall-Patterson Bldg. Co., lumber exch., Minneapolis, Minn.  
Hall Printing Press Co., machsts. & fndrs., Dunellen, N. J.  
Hall, R. L. & W. H., fertilizer, Newton, Ga.  
Hall, R. S., & Co., turpentine, Ocala & Charlotte Harbor, Fla.  
Hall, Robt. H., architect, Seymour, Ind.  
Hall, S. L., Co., oven bldrs., 7 S. Dearborn, Chicago, Ill.  
Hall Scott Motor Car Co., Crocker Bldg., San Francisco, Cal.  
Hall Sherwood Co., whol hardware, Grand Rapids, Mich.  
Hall Sidney Carriage Wks., Huntington, Ind.  
Hall & Sons, brick, stove linings, etc., Buffalo, N. Y.  
Hall Steam Pump Co., gas & air compressors, 213 Galveston, Pittsburgh, Pa.  
Hall Switch & Signal Co., machsts., 50 Church, New York.  
Hall, T. J., & Co., masons' & bldrs.' matls., sand, gravel, 450 E. Pearl, Cincinnati, Ohio.  
Hall-Thompson Co., belt dressing, carbon removers, soap, etc., Hartford, Conn.  
Hall & Torrey, mill & facty. supplies, Rockland, Mass.  
Hall, W. A., Mfg. Co., elastic hosiery, St. Louis, Mo.  
Hall, W., & Co., filter cloths, etc., Lansdowne, Pa.  
Hall, W. D., masons' & bldrs.' matls., Harvard, Ill.  
Hall, W. J., Co., contractors, 412 5th S. E., Minneapolis, Minn.  
Hall, W. L., brick, Madisonville, Ky.  
Hall, W. N., sash, door & blind mfrs., Alleghany, N. Y.  
Hall, W. P., Stove Co., cooperage stock, Memphis, Tenn.  
Hall-Welter Co., check writing machs., Rochester, N. Y.  
Hall & Whittington, canned goods, Marion Station, Md.  
Hall, Wilbur B., metal nov. & spec., Meriden, Conn.  
Hall, Wm., Co., machsts. & fndrs., Quincy, Mass.  
Hall, Wm. M., Co., steamfitters' supps., North Attleboro, Mass.  
Hallack & Howard Lumber Co., packing box mfrs., Denver, Colo.  
Hallack Lumber & Supply Co., 3901 Gilpin, Denver, Colo.  
Halladay, L. P., Co., shock absorbers, lamp brackets & hdwe. mfrs., Streator, Ill.  
Halladan, P. O., contractor, Metropolitan Life Bldg., Minneapolis, Minn.  
Hallahan & Ahearn, contractors, 271 W. 125th, New York.  
Hallberg, J. H., rheostats, transformers, etc., 1604 B'way, New York.  
Hallberg, L. G. & Co., architects, 19 S. La Salle, Chicago, Ill.  
Hallenbeck, Earl, architect, 307 Maple, Syracuse, N. Y.  
Hallenberg, Adolph, architect, Keller Bldg., Louisville, Ky.  
Haller-Cummingham Elec. Co., wireless instruments, 428 Market, San Francisco, Cal.  
Haller, Joseph F., can filling mach., Chartiers & Oliff, Pittsburgh, Pa.  
Haller, Nicholas T., Co., architects, 211 10th N. W., Washington, D. C.  
Haller Sign Wks., 213 W. Austin, Chicago, Ill.  
Haller Wagon & Carriage Co., Louisville, Ky.  
Hallerman, G., contractor, Oehler av. Price Hill, Cincinnati, O.  
Hallet & Davis Piano Co., 146 Boylston, Boston, Mass.  
Hallett, H. H., architect, 982 Woodward av, Detroit, Mich.  
Hallett Iron Wks., S. Wood & B. & O. C. T. R. R. Trks., Harvey, Chicago, Ill.  
Hallett, Marcus, architects, Mutual Bldg., Richmond, Va.  
Hallettsville Hardware Co., Hallettsville, Tex.  
Halliday, H. H., masons' & bldrs.' matls., sand & gravel dlrs., Cairo, Ill.  
Halliday, H. H., Milling Co., wheat flour, Cairo, Ill.  
Hallidie Co., rock crushers, Spokane, Wash.  
Hallidie Machinery Co., 411 Occidental av, Seattle, Wash.  
Halligan, Thos., meat packers, 629 W. 40th, New York.  
Hallin Gas Engine & Boat Co., machsts. & fndrs., Tacoma, Wash.  
Hallinan Bros., contractors, Little Falls, N. Y.  
Halliwell Bros., 333 W. Pico, Los Angeles, Cal.  
Halliwell & Co., elec. hair dryers, 64 E. 12th, New York.  
Hallman, Oliver F., fndrs., Mont Clare, Pa.  
Hallman, Wm., masons' & bldrs.' matls., Pottstown, Pa.  
Hallock, Allanson E., carriages, Smithtown Branch, N. Y.  
Hallock Bldg. Co., contrs., Portland, Ore.  
Hallock, F., Co., mill & facty. supplies & whol. hdwe., Derby, Conn.  
Hallock, L. G., Son & Co., contractors, Wheeling, W. Va.  
Halloran, Matthews W., stone prod., New Britain, Conn.  
Halloran, Thos., fndrs., 890 Metropolitan av, Brooklyn, N. Y.  
Halloran, J., Lumber Co., Ottawa, Kans.  
Hallowell, Chas. T., contractor, 1231 N 61st, Philadelphia, Pa.  
Hallowell Granite Wks., Hallowell, Me.  
Hallowell & Souder, ties, poles & posts, Harrison Bldg., Philadelphia, Pa.  
Hall's, Ellis, Sons Co., dynamite, torpedoes, Knox, Pa.  
Hall's Safe Co., 3253-3269 Spring Grove av, Cincinnati, Ohio.



- Hall's, Sam'l, Sons, machsts., 229 W. 10th, New York.  
Hall's, Sidney, Sons, boilers, Rochester, N. Y.  
Halltown Canning Co., Halltown, Mo.  
Halltown Paper Board Co., box boards, Halltown, W. Va.  
Halman, Jason R., machst. & fndrs., Hinsdale, N. H.  
H. & A. Lock Co., trunk & bag hdwe. mfrs., 243 44th Brooklyn, N. Y.  
Halogen Chemical Co., Bay City, Mich.  
Haloid Co., photo. paper, Rochester, N. Y.  
Halpern Bros., elec. signs, 210 W. 26th, New York.  
Halpern, Isaac, Bros. & Co., scrap iron, 1333 N. Front, Philadelphia, Pa.  
Halpin-Boyle Const. Co., contrs., Midland Bldg., Kansas City, Mo.  
Halpin, Jas., cornices, 936 De Kalb av, Brooklyn, N. Y.  
Halpin, John B., Co., contractors, Elyria, Ohio.  
Halpin, Nicholas F., Sr., corn brooms, Deerfield, N. Y.  
Halsall, Geo., boiler compounds, Jamestown, N. Y.  
Halseman, J. C., Mfg. Co., sashes, doors & blinds, Jacksonville, Fla.  
Halsey, H. B., Co., masons' & bldrs.' matls., South Orange, N. J.  
Halsey, J. H., & Smith, patent lthr., New, Newark, N. J.  
Halsey Lbr. Co., Charleston, S. C.  
Halsh, Jacob, Co., agricultural implements, De Kalb, Ill.  
Halstead & Co., machsts. & fndrs., 1129 Cherry, Phila., Pa.  
Halstead, J. N., Lumber Co., Brazil, Ind.  
Halstead, Jos. Co., architectl. & ornamental iron, 1233 W. Randolph, Chicago, Ill.  
Halsted Brush Co., 71 Park pl., New York.  
Halsted, E. S., & Co., bags, burlap, 64 Pearl, New York.  
Halsted Lbr. Co., 529 84th, Brooklyn, N. Y.  
Halsted, W. D., Oil Co., 320 E. Water, Milwaukee, Wis.  
Halt Mfg. Co., caterpillar tractors & harvesters & agric. machy., Peoria, Ill.  
Halteman, J. L., masons' & bldrs.' matls. & contr., Pottstown, Pa.  
Halter Cut Glass Co., 265 Franklin av, Brooklyn, N. Y.  
Halton's, Thos., Sons, tex. machy., dobbies, card repeaters (Jacquard), Allegheny av & C, Philadelphia, Pa.  
Halverson Bros., steamfitters' supplies, Ogden, Utah.  
Halyard Hardware Co., Joplin, Mo.  
Halyard Mfg. Co., shoe eyelets, Providence, R. I.  
Ham, E. A., masons' & bldrs.' matls., Hunter, N. Y.  
Ham, E. W., Elec. Co., Worcester, Mass.  
Ham, L. M., Co., machsts. & fndrs., 158 Portland, Boston, Mass.  
Hamachek, Frank, agricultural implements, Kewaunee, Wis.  
Hamann, J. Henry, architect, 109 Forest av, Brooklyn, N. Y.  
Hamar, Alex., common brick, West Lebanon, Ind.  
Hambach, A., Co., mill & facty. supplies, plumbers, jobbers, 1st av S. & King, Seattle, Wash.  
Hamburg Vitrified Brick Co., 20th & Sedgley, Philadelphia, Pa.  
Hamblen, C. F., masons' & bldrs.' matls., mill & facty. supplies, wholesale hdwe., St. Augustine, Fla.  
Hamblet Brick Co., Portland, Me.  
Hamblet, Geo. W., castings, Lawrence, Mass.  
Hamblet Hardware Co., Peabody, Mass.  
Hamblet & Hayes Co., mill & facty. supplies, 284 Devonshire, Boston, Mass.  
Hamblet Machine Co., Lawrence, Mass.  
Hamblin & Russell Mfg. Co., wire specialties, Worcester, Mass.  
Hamborszki, Geza, architect, 1069 Meade av, Scranton, Pa.  
Hamburg Boiler Wks., tanks, Hamburg, Berge Co., Pa.  
Hamburg Broom Wks., Hamburg, Pa.  
Hamburg Bros., machsts. & fndrs., Mt. Vernon, Wash.  
Hamburg Button Co., 1140 B'way, New York.  
Hamburg Canning Co., Hamburg, New York.  
Hamburg Knitting Mills, sweaters, cardigans, etc., 685 Park av, Brooklyn, N. Y.  
Hamburg Planing Mill Co., Hamburg, N. Y.  
Hamburg Plow Wks., Hamburg, Pa.  
Hamburger Cotton Mills, Columbus, Ga.  
Hamburger, E., & Co., mfrs interior hardwood wk., 139 Emerson pl, Brooklyn, N. Y.  
Hamburger, Felix, arc lamps, 215 4th av, New York.  
Hamburger, H., goat & horse hair, bristles, 177 Pearl, New York.  
Hamby, A. W., architect, Columbia, S. C.  
Hamel, J. J., & Co., lubrg. oils, Union Bk. Bldg., Pittsburgh, Pa.  
Hamel Shoe Machinery Co., Haverhill, Mass.  
Hamer, Fred, cornices, 938 W. North av, Chicago, Ill.  
Hamer, J. W., common brick, Armstrong, Ill.  
Hamersville Canning Co., Hamersville, Ohio.  
Hamill, Alex., Iron Wks., machsts., 426 Montgomery, Jersey City, N. J.  
Hamill, D. L., Co., plumbers' supplies, jobbers, 60 Delaware av, Buffalo, N. Y.  
Hamill-Floyd Co., architects, Hirbour Bldg., Butte, Mont.  
Hamilton, A., & Son, contractors, 2490 Tiebout av, New York.  
Hamilton, Alex. D., contractor, Atlanta, Ga.  
Hamilton, Alfred O., furnaces, 820 E. 43d, Chicago, Ill.  
Hamilton Autographic Register Co., Hamilton, Ohio.  
Hamilton Bank Note Engraving & Printing Co., street ry. tickets, etc., 142 Adams, Brooklyn, N. Y.  
Hamilton-Beach Mfg. Co., curling irons, elec. portable fans & small elec. motors, Racine, Wis.  
Hamilton, Bradford, architect, 263 Summer, Boston, Mass.  
Hamilton Brick Co., Hamilton, Ohio.  
Hamilton Bros., contractors, Lynchburg, Va.  
Hamilton Bros. Co., spools, bobbins, Goffstown, N. H.  
Hamilton, C. J., & Son, machsts. & fndrs., Plymouth, Mich.  
Hamilton Caster & Mfg. Co., Hamilton, Ohio.  
Hamilton & Chambers Co., steel wks., 29 B'way, New York.  
Hamilton Co., casein, ferro manganese, castor oil, imp., etc., 50 Church, New York.  
Hamilton Copper & Brass Wks., machsts. & fndrs., Hamilton, O.  
Hamilton Corp., speedometer mfrs., Lancaster, Pa.  
Hamilton & De Loso (Inc.), grease cups mfrs. & sheet metal stampings, Bridgeport, Conn.  
Hamilton, E. N., architect, 502 Park rd., N. W., Washington, D. C.  
Hamilton, Ed. O., contractor, Omaha, Nebr.  
Hamilton Emery & Corundum Co., Chester, Mass.  
Hamilton Fdry. & Mach. Co., Hamilton, Ohio.  
Hamilton, Frank H., architects, City Hall, Springfield, Ill.  
Hamilton, G. H., Mfg. Co., canvas gloves, etc., Beaver, Pa.  
Hamilton, Geo., glass stainers, 956 Lind av, New York.  
Hamilton, Geo., jewelers' rolls, 144 Pine, Providence, R. I.  
Hamilton, Geo. A., architect, Jefferson Co. Bk. Bldg., Watertown, N. Y.  
Hamilton & Hamilton, cornices & skylights, Oskaloosa, Ia.  
Hamilton & Hamilton, Jr., silver nov., Providence, R. I.  
Hamilton & Hansell, elec. furnaces, 17 Battery pl, New York.  
Hamilton Hardware Corp., mill & automobile supplies & builders' hardware, wholesale, Waterbury, Conn.  
Hamilton Hosiery Mills, sweaters, cardigans, etc., Hamilton, N. Y.  
Hamilton, J. A., & Sons, lumber, Conyers, Ga.  
Hamilton, J. H., & Co., tapes, braids, 25 White, New York.  
Hamilton, J. M., stone producers, Marion, Ohio.  
Hamilton, J. T. & A., glass bottles, 26th & A. V. R. R., Pittsburgh, Pa.  
Hamilton, Jas. M., packing box mfrs., Chester, Pa.  
Hamilton, John A., contractor, Manticoke, Pa.  
Hamilton, John A., architect, 32 B'way, New York.  
Hamilton, Jno., Brass Wks., fndrs., Bridgeport, Conn.  
Hamilton, Joseph H. (Est. of), stone producers, Lowell, Mich.  
Hamilton, Jos. S., contractor, 829 Orange, Wilmington, Del.  
Hamilton Knitting Mills, sweaters, cardigans, &c., 70 3d, Brooklyn, N. Y.  
Hamilton-Low Co., dish washing machs., steam engines, 145 E. 42d, New York.  
Hamilton Lbr. & Box Co., Chattanooga, Tenn.  
Hamilton Lbr. Mfg. Co., glass, Paterson, N. J.  
Hamilton Machine Tool Co., lathes, drilling machines, etc., Hamilton, Ohio.  
Hamilton Mfg. Co., tickings, 201 Devonshire, Boston, Mass.  
Hamilton Mfg. Co., advtg. nov., Portland, Me.  
Hamilton Mfg. Co., wooden furniture, Two Rivers, Wis.  
Hamilton, Otto Coke Co., ammonia & tar mfrs., Hamilton, Ohio.  
Hamilton-Parker Fuel & Supply Co., masons' & bldrs' matls., 491 Kilbourne, Columbus, Ohio.  
Hamilton Piano Co., Chicago Heights, Ill.  
Hamilton, R. A., flour, Beaver Creek, N. C.  
Hamilton, Robt., & Son, soap, 709 Tasker, Philadelphia, Pa.  
Hamilton, Robt., & Sons, fndrs., 56 Water, Brooklyn, N. Y.  
Hamilton Rubber Mfg. Co., 1229 S. Michigan, Chicago, Ill.  
Hamilton, S. M., Co., masons' & bldrs' matls., Dunkirk, N. Y.  
Hamilton-Sargent Co., architects, Clearwater, Fla.  
Hamilton Sheet Metal Co., safe deposit boxes, Hamilton, Ohio.  
Hamilton Smithing & Mfg. Co., dumping wagons, Hamilton, O.  
Hamilton Supply Co., mill & facty. supplies, Hamilton, Ohio.  
Hamilton, Thomas H., architect, 11 N. Market sq, Harrisburg, Pa.  
Hamilton, W. C., & Sons, writing paper, Wm. Penn, Pa.  
Hamilton, W. C. T., heating contractors, 2721 Pleasant av, Minneapolis, Minn.  
Hamilton Wall Paper Co., Wayside av, Jersey City, N. J.  
Hamilton Watch Co., Lancaster, Pa.  
Hamilton Web Co., cotton webbing, woven labels, Hamilton, R. I.  
Hamilton's, T., Sons, steel wire, 1340 E. Berks, Phila. Pa.  
Hamler Boiler & Tank Co., 3906 S. Halsted, Chicago, Ill.  
Hamler-Eddy Smoke Recorder Co., 3906 S. Halsted, Chicago, Ill.  
Hamlet Mills, cotton batting, Otter River, Mass.  
Hamlin, A. L., contractor, 325 S. State, Salt Lake City, Utah.  
Hamlin, E. F., Brass Co., Union, N. H.  
Hamlin & Emery Brass Co., castings, 49 Island, Boston, Mass.  
Hamlin & Morrison, chemical engrs., 119 S. 4th, Phila., Pa.  
Hamlyn, W. H., & Son, contractors, 78 Mawney, Providence, R. I.  
Hamm, C. E., contractor, Warren, Pa.  
Hamm, M., Co., fertilizer, Washington C. H., Ohio.  
Hammacher, Schlemmer & Co., mill & facty. supplies, wholesale hdwe., 133 4th av, New York.  
Hammann Slate Co., Bangor, Pa.  
Hammann, Wm., ventg. caps, 1057 5th, Milwaukee, Wis.  
Hammant & Shoop, machsts. & fndrs., Vassar, Mich.  
Hammer Bros. White Lead Co., St. Louis, Mo.  
Hamme & Donnelly, contractors, 38 Park row, New York.  
Hamme, John B., architect, York, Pa.  
Hammel Oil Burner Co., Los Angeles, Cal.  
Hammel Riglander & Co., watch crystals, 47 Maiden la, New York.



- Hammer & Co., carpenters' clamps, machsts. & fndrs., Branford, Conn.
- Hammer Dry Plate Co., Ohio av & Miami, St. Louis, Mo.
- Hammer, H. H., machinist, Red Bluff, Cal.
- Hammer, Harry G., architect, Glenside, Pa.
- Hammer Iron Wks., Fort Smith, Ark.
- Hammer Lumber Co., Franklin Bk. Bldg., Philadelphia, Pa.
- Hammer, Thos. B., lumber, Franklin Bk. Bldg., Philadelphia, Pa.
- Hammermill Paper Co., Erie, Pa.
- Hammerschlag Mfg. Co., paper & pulp mills, 232 Greenwich, New York.
- Hammet, A., & H. G. Co., masons' & bldrs.' matls., Newport, R. I.
- Hammett, H. G., railroad specialties, 476 8th, Troy, N. Y.
- Hammett, J. L. Co., school supplies mfrs., Kendale sq, Cambridge, Mass.
- Hammill, A., fndrs., Beloit, Wis.
- Hammill & Gillespie, clays, minerals, etc., 240 Front, New York.
- Hammill, Wm. S., Co., contractors, Troy, N. Y.
- Hammon Coupler Co., pipe, Farmers Bk. Bldg., Pittsburgh, Pa.
- Hammond Asphalt Products Co., paints, Hammond, Ind.
- Hammond Bedding Co., cotton felt mattresses, Hammond, Ind.
- Hammond, Benj., fertilizer mfrs., Beacon, N. Y.
- Hammond Brass Wks., machsts. & fndrs., Hammond, Ind.
- Hammond Brick Co. (Ltd.), Hammond, La.
- Hammond Bros., contrs., 1732 Grand av, Kansas City, Mo.
- Hammond, C. S., & Co., maps, 30 Church, New York.
- Hammond, C. & Son, archts., 179 N. Water, New Bedford, Mass.
- Hammond, C., & Son, machsts., Ogontz, Pa.
- Hammond Cornice Wks., Hammond, Ind.
- Hammond Distilling Co., Hammond, Ind.
- Hammond, E. L., & Son, files, key rings, Sayre, Pa.
- Hammond, Edw. J., Co., lumber, 79 Milk, Boston, Mass.
- Hammond Engng. Co., vacuum dryers, etc., Warren, Pa.
- Hammond Fire Brick Co., Fairmont, W. Va.
- Hammond, Fred'k, architect, 3029 3d av, New York.
- Hammond & Freeman, brick, Dutchess Junction, N. Y.
- Hammond, G. H., Co., meat packers, Union Stock Yards, Chicago, Ill.
- Hammond, Geo. F., archt., 4220 Prospect av, S. E., Cleveland, O.
- Hammond Glue Co., Hammond, Ind.
- Hammond Hardware & Supply Co., Ltd., Hammond, La.
- Hammond, Harold, architect, Hale Bldg., Philadelphia, Pa.
- Hammond Heating Co., 130 E. Pearl, Cincinnati, Ohio.
- Hammond-Homberger Co., gas stoves, Silver Creek, N. Y.
- Hammond, Horace B., architect, Candler Bldg., Atlanta, Ga.
- Hammond Iron Works, steel plate construction, Warren, Pa.
- See adv index at end of book.*
- Hammond, J. T., & Son, toys, games & nov., 4534 Hedge, Philadelphia, Pa.
- Hammond, J. W., machst., Fredonia, N. Y.
- Hammond, John, Co., contractor, 68 N. Washington, Chicago, Ill.
- Hammond, Knowlton & Co., silk thread, Putnam, Conn.
- Hammond Lumber Co., 25th & Geo., San Francisco, Cal.
- Hammond Mach. Co., Haverhill, Mass.
- Hammond Mach. & Forge Wks., steel struct. wk., Hammond, Ind.
- Hammond Malleable Iron Co., castings, Hammond, Ind.
- Hammond Mfg. Co., mill & facty. supplies, Kamm Bldg., Portland, Ore.
- Hammond Packing Co., meat, Cheyenne, Wyo.
- Hammond Packing Co., machsts. & fndrs., St. Joseph, Mo.
- Hammond Process Co., paints, Norwich, Conn.
- Hammond Sheet Metal Mfg. Co., 119 Cass av, St. Louis, Mo.
- Hammond, Standish Co., meat packers, 20th & Standish, Detroit, Mich.
- Hammond Steel & Forging Co., Solway, N. Y.
- Hammond, Theo. C., cornices, 13 Ferry, Newark, N. J.
- Hammond Typewriter Co., 537 E. 69th, New York.
- Hammond, W. G., archt., 1 E. of MacDuff av, Jacksonville, Fla.
- Hammond & Yardley, masons' & bldrs.' matls., Stockton, Cal.
- Hammons, J. E., & Son, architects, Gary, Ind.
- Hampden Brass Co., fndrs., Springfield, Mass.
- Hampden Cornice Wks., Springfield, Mass.
- Hampden Corundum Wheel Co., Springfield, Mass.
- Hampden Glazed Paper & Card Co., Holyoke, Mass.
- Hampden Lbr. Co., sash, door & blind mfrs., Springfield, Mass.
- Hampden Mfg. Co., books, tacks, fasteners, 108 Fulton, New York.
- Hampden Paint & Chemical Co., Springfield, Mass.
- Hampden Toy Co., Westfield, Mass.
- Hampden Watch Co., Canton, Ohio.
- Hamper & Basket Mfg. Co., fruit & vegetable packages, Bridge-ton, N. J.
- Hampshire Mfg. Co., spark plugs, Hatfield, Mass.
- Hampshire Paper Co., South Hadley Falls, Mass.
- Hampshire Pearl Button Co., Amsterdam, N. Y.
- Hampshire Slate Co., Fair Haven, Vt.
- Hampson, Jas. A., stone, 3529 S. Leavitt, Chicago, Ill.
- Hampstead Fertilizer Co., Hampstead, Md.
- Hampton & Branchville R. R. Lbr. Co., Hampton, S. C.
- Hampton Bros. Co., contractors, Atlantic City, N. J.
- Hampton Buggy Co., carriages, Hampton, Ga.
- Hampton Fertilizer Co., Hampton, Ga.
- Hampton Guano Co., fertilizer mfrs., Norfolk, Va.
- Hampton, J. H., Buggy Co., Leaksville, N. C.
- Hampton-Kelly Canning Co., Hampton, Ia.
- Hampton Lumber Co., Omaha, Neb.
- Hampton Lumber Co., Southampton, N. Y.
- Hampton Mfg. Co., machsts. & fndrs., Hampton, Va.
- Hampton Mfg. Co., auto. reliners, Indianapolis, Ind.
- Hampton Normal & Ag'l Institute, Hampton, Va.
- Hampton Paper Co., Northampton, Mass.
- Hampton, Ralph C., baling presses, Honeybrook, Pa.
- Hampton Stave Co., lumber & cooperage stock, Fordyce, Ark.
- Hampton Stock Farm Co., lumber, Glenwood, Mich.
- Hampton, Thomas, contractor, Real Estate Trust Bldg., Washington, D. C.
- Hamrick Mills, cotton sheetings, Gaffney, S. C.
- Hamrick Tank & Barrel Hardshell Enameling Co., 5831 Wissahickon av, Philadelphia, Pa.
- Hamsber Metal Co., brass fndrs., 18-28 Rapelyea, B'klyn, N. Y.
- Hanson, J., & Son, soap, Lynn, Mass.
- Hance, J. W., Foundry Co., Westerville, Ohio.
- Hance, Wallace E., architect, Equitable Bldg., Wilmington, Del.
- Hanchett Swage Works, Big Rapids, Mich.
- Hancock Brick & Tile Co., Findlay, Ohio.
- Hancock Bros., flour mills, Albany, Ky.
- Hancock Bros., architects, Fargo, N. D.
- Hancock, C. W., & Son, contractors, Lynchburg, Va.
- Hancock, Flora L., canned goods, Salem, N. J.
- Hancock Fdry. Mach. Wks., Hancock, Md.
- Hancock Inspirator Co., machsts. & fndrs., valve mfrs., etc., 119 W. 40th, New York.
- Hancock, J. B., masons' & bldrs.' matls., Cookston, N. J.
- Hancock & Koch, architect, Coal Exch. Bldg., Scranton, Pa.
- Hancock, L. W., & Co., contrs., Louisville, Ky.
- Hancock Mfg. Co., machsts. & fndrs., Charlotte, Mich.
- Hancock, S. O., lbr., Saco, Me.
- Hancock Shale Brick Co., Hagerstown, Md.
- Hancock Stone Co., Findlay, Ohio.
- Hancock, W. C., machsts., Concord, Mass.
- Hancox, Chas., architect, 323 S. La Salle, Chicago, Ill.
- Hand, B. A., Co., wholesale hdwe., Ottumwa, Ia.
- Hand, Edw. L., & Co., 722 Arch, Philadelphia, Pa.
- Hand, Jas., lumber, Purvis, Miss.
- Hand, John E., & Sons Co., binnacles, compasses, indicators, etc., 222 Walnut, Philadelphia, Pa.
- Hand, Jos. A., contractor, 8029 Frankfort av, Philadelphia, Pa.
- Hand Knit Hosiery Co., lumbermen's socks, Sheboygan, Wis.
- Hand Made Furniture Shop, 426 Armour, Chicago, Ill.
- Hand Metal Products Corp., 681 Communipaw av, Jersey City, N. J.
- Hand, Robt. E., ties, poles & posts, Erma, N. J.
- Hand Stitch Broom Sewing Machine Co., 424 1st av, Pittsburgh, Pa.
- Hand Trading Co., fertilizer, Pelham, Ga.
- Hand, W. H., Jr., naval architect, New Bedford, Mass.
- Handel Co., machsts. & fndrs., Meriden, Conn.
- Handifold Toilet Paper Co., Leominster, Mass.
- Handlan-Buck Mfg. Co., whol. hdwe., mill, facty. & railway supplies, 210 N. 3d, St. Louis, Mo.
- Handle & Excelsior Co., Picture Rocks, Pa.
- Handley, W. A., Mfg. Co., canvas & cotton duck, Roanoke, Ala.
- Handlowitch, J., contractor, 579 S. 19th, Newark, N. J.
- Handshy, C. E., architect, Zanesville, Ohio.
- Handshy, Wm. C., & Son, contractors, Zanesville, Ohio.
- Handy Bros., lbr. mfrs., Bay City, Mich.
- Handy Bros., contractors, 106 Field pl, New York.
- Handy & Harman, gold anodes, 59 Cedar, New York.
- Handy Ladder Wks., Cleveland, Ohio.
- Handy Light Co., elec. desk lights, 215 Butler, Cincinnati, Ohio.
- Handy Mfg. Co., pipe threading dies, stocks, etc., Bridgeport, Conn.
- Handy Mfg. Co., screws, clamps, 29 E. Madison, Chicago, Ill.
- Handy, N. B., Co., wholesale hdwe., Lynchburg, Va.
- Handy Pail Co., 1777 B'way, New York.
- Handy Press Co., Grand Rapids, Mich.
- Handy Sack Baler Co., Cedar Rapids, Ia.
- Handy Supply Co., commutator compounds, 11737 Detroit av, Cleveland, Ohio.
- Handy Things Mfg. Co., woodenware & novelties, Ludington, Mich.
- Hane, F. O., contractor, Bradford, Pa.
- Hanel, A. B., Co., contractors, 118 Locust, Milwaukee, Wis.
- Hanemann, J. Theo., architect, 103 Park av, New York.
- Hanes, Jos. H., contractor, Cape May City, N. J.
- Hanes Roller Mills, State Road, N. C.
- Hanes, Samuel J., & Son, archts., 205½ S. 6th, Springfield, Ill.
- Haney Carriage & Mach. Co., machsts., Center Hall, Pa.
- Haney, J. H., & Co., harness, saddles, etc., Omaha, Neb.
- Haney School Furn. Co., Grand Rapids, Mich.
- Hanford, Arthur, architect, Sellwood Bldg., Duluth, Minn.
- Hanford, J. J., machinist, San Bernardino, Cal.
- Hanger, C. F., Co., carriages, 6520 Carnegie av, Cleveland, Ohio.
- Hanging Rock Iron Co., Hanging Rock, Ohio.
- Hanick Quarry & Constr. Co., Euclid & Ashland av, St. Louis, Mo.
- Hanifen, H. John, architect, Ottawa, Ill.
- Hanify, J. R., Co., ties, poles & posts, 24 Market, San Fran., Cal.
- Hank Bros., mill & facty. supplies, whol. hdwe., Paducah, Ky.
- Hanke Iron & Wire Wks., 800 N. Albany av, Chicago, Ill.
- See adv index at end of book.*
- Hanker & Cairns, architects, Scimitar Bldg., Memphis, Tenn.
- Hanker, Chas., architect, Toledo, Ill.



- Hankey, A., & Co., machsts.' tools, Bourse, Philadelphia, Pa.  
 Hankey, A., & Co., machsts. & fndrs., Rochdale, Mass.  
 Hankey Lumber Co., Bowling Green, Ohio.  
 Hankey Milling Co., flour, Petoskey, Mich.  
 Hankin, John, & Bro., machsts., 550 W. 25th, New York.  
 Hankin, Robt. F., contractor, 263 Riley, Buffalo, N. Y.  
 Hankins, H. H., & Bro., masons' & bldrs.' supplies, Bridgeton, N. J.  
 Hankins, S. R., & Sons, brooms, Hastings, Neb.  
 Hankinson Brick Co., North Augusta, S. C.  
 Hankinson & Hagler, brick, Augusta, Ga.  
 Hanks, A. A., assayers, chemists, 630 Sacramento, San Francisco, Cal.  
 Hanks, O. G., & Co., silk thread, Mansfield Center, Conn.  
 Hanks Stove & Range Co., Rome, Ga.  
 Hanks Lumber Co., Bowling Green, Ohio.  
 Hanlein, Hy., & Son, stone, 417 E. 103d, New York.  
 Hanley-Casey Co., htg. contrs., 1607 Olive, St. Louis, Mo.  
 Hanley, John, contractor, McGraw Bldg., Detroit, Mich.  
 Hanley, R. H., machsts., Palatka, Fla.  
 Hanley, Wm. T., dry dock & marine ry., ft. of Washington, Jersey City, N. J.  
 Hanline Bros., paint mfrs., 25 S. Howard, Baltimore, Md.  
 Hanlon Contracting Co., Gerke Bldg., Cincinnati, Ohio.  
 Hanlon Distilling Co., Covington, Ky.  
 Hanlon Dry Dock & Shipbuilding Co., Oakland, Cal.  
 Hanlon & Goodman Co., brushes, holders, dusters, etc., 270 Pearl, New York.  
 Hanlon-Gregory Galvanizing Co., 24th & A. V. R. R., Pittsburgh, Pa.  
 Hanlon, Thos., Co., lamps, 433 42d, New York.  
 Hanlon, Thos. H., contractor, 1217 Dorchester av, Boston, Mass.  
 Hanlon & Wilson, hand vacuum cleaners, Wilkesburg, Pa.  
 Hanna Bros., masons' & bldrs.' matls., Denison, Tex.  
 Hanna Color Mfg. Co., paint mfrs., 155 N. Clark, Chicago, Ill.  
 Hanna Engineering Works, 2059 Elston av, Chicago, Ill.  
 Hanna, F. C., contractor, Cambridge, Ohio.  
 Hanna, Jno., & Sons, contractors, Chester, Pa.  
 Hanna, M. A., & Co. iron ores & coke, Leader News Bldg., Cleveland, Ohio.  
 Hanna Stone Co., Chester, Pa.  
 Hanna & Todd, masons' & bldrs.' matls., Aurora, Ill.  
 Hanna & Young Handle Co., Poplar Bluff, Mo.  
 Hannaford, S., & Sons, architects, Hulbert blk., Cincinnati, Ohio.  
 Hannah, Fred A., efficiency engrs., 40 Wall, New York.  
 Hannah, J. D., contractors, Monadnock Bldg., San Francisco, Cal.  
 Hannah & Lay Co., wheat flour, Traverse City, Mich.  
 Hannah & May Mercantile Co., masons' & bldrs.' matls., Traverse City, Mich.  
 Hannah, Thomas., architect, Keenan Bldg., Pittsburgh, Pa.  
 Hannalass, R. L., canned goods, Goodview, Va.  
 Hannan, T. H., Supply Co., masons' & bldrs.' matls., Bridgeport, Conn.  
 Hannah & Finton Co., machy. dlrs., Springfield, Mass.  
 Hannan, P. J., Co., contractors, Boatmen's Bk. Bldg., St. Louis, Mo.  
 Hannawa Falls Water Power Co., Hannawa Falls, N. Y.  
 Hanne Paint Mfg. Co., 99 W. Long, Columbus, Ohio.  
 Hanneman, Aug., sash, door & blind mfrs., Milton av & Monument, Baltimore, Md.  
 Hanner & Fredericks, htg. contrs., 824 Amsterdam av, New York.  
 Hanni, Nicholas, flour, Troy, Mo.  
 Hannibal Car Wheel & Fdry. Co., Hannibal, Mo.  
 Hannibal, Jas., Mach. & Mfg. Co., Hannibal, Mo.  
 Hannibal Lime Co., Hannibal, Mo.  
 Hannibal Milling Co., flour, Hannibal, Mo.  
 Hannibal Wagon Co., Hannibal, Mo.  
 Hannifin Mfg. Co., machsts., 621 S. Kolmar av, Chicago, Ill.  
 Hannigan, John C., contractor, Schenectady, N. Y.  
 Hannis Distilling Co., 218 S. Front, Philadelphia, Pa.  
 Hannon, F. J., masons' & bldrs.' matls., 146 Summer, Boston, Mass.  
 Hannum, H. A., & Co., pinking & scalloping machy., 303 Wallace, Syracuse, N. Y.  
 Hannum, Philip G., contractor, Atlantic City, N. J.  
 Hanny, Chas. G., & Co., archl. iron, 856 W. North, Pittsburgh, Pa.  
 Hano, Philip, advtg. nov., 806 Greenwich, New York.  
 Hannak, Edw., Contracting Co., Houston, Tex.  
 Harold-O'Brien Co., contractors, 118 E. 28th, New York.  
 Hanover Bending & Mfg. Co., carriage rims, Hanover, Pa.  
 Hanover Brick Co., Morristown, N. J.  
 Hanover Contracting Co., 8 E. Fordham rd., New York.  
 Hanover Cordage Co., Hanover, Pa.  
 Hanover Heel & Innersole Co., boot counters, Hanover, Pa.  
 Hanover Red Pressed Brick Co., Hanover, Ohio.  
 Hanover Wire Cloth Co., Hanover, Pa.  
 Hanovia Chemical & Mfg. Co., thermometers, 233 N. J. R. R. av, Newark, N. J.  
 Hanrahan Brick & Ice Co., Kingston, N. Y.  
 Hanrahan, Thos. M., & Co., contractors, Schenectady, N. Y.  
 Hanreddy, Jos., contractor & brick, 127 N. Dearborn, Chicago, Ill.
- Hansbrough-Johnston Co., contractors, Monadnock Bldg., San Francisco, Cal.  
 Hanscom Construction Co., 70 Kilby, Boston, Mass.  
 Hanscom, Frank W., boot counters, Haverhill, Mass.  
 Hanscom Hardware Co., Haverhill, Mass.  
 Hansell-Elcock Co., mchsts. & fndrs., Archer & Normal avs, Chicago, Ill.  
 Hansell, Wm. S., & Sons, horse collars, 131 Market, Phila., Pa.  
 Hansen, A., motor boat bldrs., ft. 58th, Brooklyn, N. Y.  
 Hansen, A. M., mchsts. & fndrs., Waupaca, Wis.  
 Hansen Bros., common brick, Princeton, Ill.  
 Hansen, C. L., machsts., Helena, Mont.  
 Hansen, Christian, stone producers, New Milford, Conn.  
 Hansen Constr. Co., Caswell Bldg., Milwaukee, Wis.  
 Hansen, Cornelius, masons' & bldrs.' matls., Bessemer, Mich.  
 Hansen, H. C., Type Foundry, 190 Congress, Boston, Mass.  
 Hansen, Harold M., architect, 112 N. La Salle, Chicago, Ill.  
 Hansen, Joe, contractor, Council Bluffs, Ia.  
 Hansen, John F., contractor, Albert Lea, Minn.  
 Hansen, John & Sons, soap, 824 30th, Milwaukee, Wis.  
 Hansen, Marvin W., elec. lamp flashlights, 38 11th, Toledo, Ohio.  
 Hansen, O. C., Mfg. Co., leather gloves, 291 Milwaukee, Milwaukee, Wis.  
 Hansen, Otto, contractor, 1220 11th av, Spokane, Wash.  
 Hansen, Otto E., gas logs, Perth Amboy, N. J.  
 Hansen & Peterson Co., contractors, Joliet, Ill.  
 Hansen, Ramm, architect, Vermont Bldg., Salt Lake City, Utah.  
 Hansen, Richard, contractor, Duluth, Minn.  
 Hansen's Chr. Laboratory, butter colors, Little Falls, N. Y.  
 Hanshaft, Max, scrap iron, rubber, brass, etc., 262 Front, New York.  
 Hanson, A. P., & Son, concrete reinforcing materials, 1911 Emerson av, Chicago, Ill.  
 Hanson, Albert, Lumber Co., Ltd., Garden City, Ia.  
 Hanson, Alfred, & Son, contractors, Augusta, Me.  
 Hanson, Andrew, machsts. & fndrs., Alpena, Mich.  
 Hanson Bros., scales, 525 N. Ada, Chicago, Ill.  
 Hanson Bros., machsts. & fndrs., Plainville, Conn.  
 Hanson, C. H., Co., name plates, rubber stamps, stencils, etc., 178 N. Clark, Chicago, Ill.  
 Hanson, Chas., bldg. contr., Portland Me.  
 Hanson, Chas. A., contractor, Portland, Me.  
 Hanson, F. C., shavings & steel wool, Southbridge, Mass.  
 Hanson, Fred, bldg. contr., Madison, Wis.  
 Hanson, H. M., architect, Gloucester, Mass.  
 Hanson, Hy., metallurgical engrs., 1011 Hobart Bldg., San Francisco, Cal.  
 Hanson & Lantz, canned goods, Edgewood, Md.  
 Hanson, Louis Co., barbers' chairs, 1500 N. Kostner av, Chicago, Ill.  
 Hanson Mach. Co., Somerville, Mass.  
 Hanson Mfg. Co., clocks, Princeton, Ind.  
 Hanson, R., & Sons, lbr., Grayling, Mich.  
 Hanson Tool & Die Co., Detroit, Mich.  
 Hanson & Van Winkle Co., platers' machy. & supplies, 269 Oliver, Newark, N. J.  
 Hanson-Ward Veneer Co., Bay City, Mich.  
 Hansel, Frank G., contractor, White Bldg., Buffalo, N. Y.  
 Hanssen, Gustav A., architect, 2020 29th, San Diego, Cal.  
 Hanssen's, Louis, Sons, mill & facty. supplies, wholesale hdwe., Davenport, Ia.  
 Hanten Mach. Co., Watertown, S. D.  
 Hapgood, Edw. T., architect, 36 Pearl, Hartford, Conn.  
 Hapgood, Frost & Co., contractors, Wellesley, Mass.  
 Hapgood, J. J., & Co., lbr., Peru, Vt.  
 Hapgood Plow Co., Alton, Ill.  
 Hopkinsville Milling Co., flour, Hopkinsville, Ky.  
 Happ, Louis, stone producer, 1315 Penna av, Pittsburgh, Pa.  
 Happ & Shelverton, architects, Macon, Ga.  
 Happell, Adam, arch'l iron, 408 E. 93d, New York.  
 Happinger Co., loose leaf devices, 118 St. Clair av, N. E., Cleveland, Ohio.  
 Happy Farmer Co., engines, 322 3d av, Minneapolis, Minn.  
 Happy, Harrison G., architect, Eau Claire, Wis.  
 Harbach's, L., Sons Co., mattresses, Des Moines, Ia.  
 Harbater & Silk, contractors, 106 W. 13th, New York.  
 Harbauer Co., canned goods, Toledo, Ohio.  
 Harbaugh, A. G., Co., axle greases & oils, Hipp Annex Bldg., Cleveland, Ohio.  
 Harbeck & Neuhaus, hog ringers, Davenport, Ia.  
 Harber & Kaufman, contractors, Chamber of Commerce, Detroit, Mich.  
 Harbison & Gathright, harness, saddles & strap wk. mfrs., Louisville, Ky.  
 Harbison Mfg. Co., mill & facty. supplies & machsts., 1219 W. 10th, Kansas City, Mo.  
 Harbison-Walker Refractories Co., masons' & bldrs.' matls., Farmers' Bk. Bldg., Pittsburgh, Pa.  
 Harbor Springs Lumber Co., Harbor Springs, Mich.  
 Harburger & Stack, crude rubber, beeswax, horse hair, 27 Ferry, New York.  
 Marcus, Adam H., contractor, Racine, Wis.  
 Marcus & Co., contractors, 774 Russell, Detroit, Mich.  
 Hard Mfg. Co., bedstead mfrs., 117 Tonawanda, Buffalo, N. Y.  
 Hard, Straiton, contractor, Atlanta, Ga.



- Hardage & McMullen, lumber, Largo, Fla.  
 Hardaway, Cargill Co., canned goods, Columbus, Ga.  
 Hardaway Contracting Co., Columbus, Ga.  
 Hardcastle, Mrs. K. N., Co., canned goods, Denton, Md.  
 Harde & Hasselman, architects, 56 W. 45th, New York.  
 Hardee & Cordy, turpentine, Cherry Lake, Fla.  
 Hardeman-Belcher Constr. Co., Dallas, Tex.  
 Harden, Frank, contractor, Camden, N. J.  
 Hardenbergh, Henry J., architect, 47 W. 34th, New York.  
 Hardenbergh, P. R. L., & Co., fly nets, 237 E. 8th, St. Paul, Minn.  
 Harder, A. P., cornices, Rockford, Ill.  
 Harder Auto. Truck Co., 149 W. 62d, Chicago, Ill.  
 Harder, H. J., machsts. & fndrs., Beaver Dam, Wis.  
 Harder, Julius, architect, 120 W. 32d, New York.  
 Harder Mfg. Co., agricultural implements, Cobleskill, N. Y.  
 Hardesty Mfg. Co., machsts. & fndrs., Dover, Ohio.  
 Hardgrove, Wm., contractor, Somerville, N. J.  
 Hardie Mfg. Co., machsts. & fndrs., Hudson, Mich.  
 Hardie-Tynes Mfg. Co., machsts. & fndrs., Birmingham, Ala.  
 Hardin Construction Co., 534 N. La Salle, Indianapolis, Ind.  
 Hardin, D., Co., interior finish mfrs., Saginaw, Mich.  
 Hardin-Lavin Co., steam fitters' supps., 4543 Cottage Grove av. Chicago, Ill.  
 Hardin, M. T., architect, Muskogee, Okla.  
 Hardin, R. A., architect, 1315 Jackson, Houston, Tex.  
 Harding, B. W., boilers, Sioux Falls, S. D.  
 Harding, C. L., architect, Woodward Bldg., Washington, D. C.  
 Harding, E. R., Co., contractors, Racine, Wis.  
 Harding & Fancourt, oils, soap, cotton softeners, etc., 516 S. Del., Philadelphia, Pa.  
 Harding, H. C., mill soaps, Sedgley W. 17th, Philadelphia, Pa.  
 Harding, H. W., Lumber Co., Hamilton blvd & Midland av, Detroit, Mich.  
 Harding, J. W., flour mills, Claysville, Ky.  
 Harding, J. W., & Co., mill & facty. supplies, Lynn, Mass.  
 Harding, John W. R., umbrella mfrs., 1528 Gillingham, Philadelphia, Pa.  
 Harding, L., & Sons, scrap iron, steel & rubber, Omaha, Neb.  
 Harding, Malcolm B., architect, Westfield, Mass.  
 Harding Mfg. Co., screw driver & knife mfrs., Mansfield, Mass.  
 Harding, P. E., Constr. Co., 86 Weybosset, Providence, R. I.  
 Harding & Seaver, architects, 7 North, Pittsfield, Mass.  
 Harding, Slattery & Buchanan, contractors, Crawfordsville, Ind.  
 Harding, Thos., architect, Little Rock, Ark.  
 Harding, Walter J., architect, Lawrence, Mass.  
 Harding, Wm. & Co., roofing slate mfrs., Pen Argyl, Pa.  
 Harding, Wm. E., architect, Hyde Park, Boston, Mass.  
 Hardinge Bros., Inc., jewellers' & drilling machy., 4203 Ravenswood av, Chicago, Ill.  
 Hardinge Conical Mill Co., grinding mills, etc., 120 B'way, New York.  
 Hardison, W. T., & Co., masons' & bldrs.' matls., 11 S. Front, Nashville, Tenn.  
 Hardisty & Co., auger bits, etc., Garland Linwood, Cincinnati, O.  
 Hardman Button Co., Beverly, Mass.  
 Hardman, C. C. & Co., sashes, doors & blinds, Shreveport, La.  
 Hardman, Peck & Co., pianos, 433 5th av, New York.  
 Hardman Tire & Rubber Co., 35 S. William, New York.  
 Hardmuth, L., & Co., tracing cloth & paper, pencils, 34 E. 23d, New York.  
 Hardner, Geo. H., contractor, Allentown, Pa.  
 Hardock, Benj., mattresses, 531 N. 2d, Philadelphia, Pa.  
 Harsoeg Mfg. Co., adze mfrs., Ottumwa, Ia.  
 Harsoeg, Martin Co., spike pullers & tool mfrs., 922 South av, Pittsburgh, Pa.  
 Harsoeg Wonder Drill Co., drill sharpening machines, Ottumwa, Ia.  
 Hardtmuth, L. & C., copying ink pencils, 34 E. 23d, New York.  
 Hardware Age, trade publication, 239 W. 39th, New York.  
 Hardware Agency Co., 224 Franklin, Boston, Mass.  
 Hdwe. Dirs. Mag., trade publication, 253 B'way, New York.  
 Hdwe. Review, trade publication, Woolworth Bldg., New York.  
 Hdwe. Spec. Mfg. Co., Anderson, Ind.  
 Hdwe. Spec. Mfg. Co., 4414 Ravenswood av, Chicago, Ill.  
 Hardware & Supply Co., hardware, automobile & electrical supp., Akron, Ohio.  
 Hdwe. Supply Co., Grand Rapids, Mich.  
 Hardware & Supply Co., 215 Canal, New York.  
 Hardway, Geo. J., architect, 347 5th av, New York.  
 Hardwick, C. H., & Co., granite, Quincy, Mass.  
 Hardwick-Etter Co., mill & facty. supplies, Sherman, Tex.  
 Hardwick Polishing Co., granite prod., Hardwick, Vt.  
 Hardwick Stove Co., cast iron hollow ware, Cleveland, Tenn.  
 Hardwick, W. M., machy. dtrs., Dalton, Ga.  
 Hardwicke, Chas. W., & Co., sash, door & blind mfrs., 18th, Richmond, Va.  
 Hardwicke-Etter Co., wholesale hdwe., Sherman, Tex.  
 Hardwood Door Co., 160 W. 5th, St. Paul, Minn.  
 Hardwood Finish Co., sash, door & blind mfrs., Athens, Ohio.  
 Hardwood Interior Co., floors, 554 Bryant, San Francisco, Cal.  
 Hardwood Mfg. Co., bags & bagging, 101 3d av S., Minneapolis, Minn.  
 Hardwood Mfg. Co., lbr. mfrs., Monroe, La.  
 Hardwood Products Co., sash, door & blind, Neenah, Wis.  
 Harby-Abrons & Melius, contractors, 30 E. 42d, New York.  
 Hardy Buggy Co., Paducah, Ky.  
 Hardy, Chas. H., contractor, Ayer, Mass.  
 Hardy & Cole, pkg. box mfrs., Andover, Mass.  
 Hardy County Milling Co., flour, Moorefield, W. Va.  
 Hardy & Day, contractors, Beverly Farms, Mass.  
 Hardy & Dischinger Co., mill & facty. supplies, Toledo, Ohio.  
 Hardy, F. A., & Co., 10 S. Wabash av, Chicago, Ill.  
 Hardy, Frank H., mill baskets, foundry brushes, Andover, Mass.  
 Hardy, Geo. F., architect & mill engr., 309 B'way, New York.  
 Hardy, H., contractor, Jackson, Miss.  
 Hardy, Harry E., contractor, 148 Burrill, Lynn, Mass.  
 Hardy, L., Co., machsts., Worcester, Mass.  
 Hardy Mach. Co., N. Baltimore, Ohio.  
 Hardy Paint & Varnish Co., Toledo, Ohio.  
 Hardy & Streeter, contractors, 95 Milk, Boston, Mass.  
 Hardy & Tierney, pipe & boiler coverings, etc., 410 E. 23d, New York.  
 Hardy, Voorhees & Co., sash, door & blind mfrs., Met. av, Brooklyn, N. Y.  
 Hardy, W. F., machst., Champaign, Ill.  
 Hardy, Wallace L., machst., Joliet, Ill.  
 Hardy, Wm. A., & Sons Co., Babbitt metal, auto & brass castings, etc., Fitchburg, Mass.  
 Hare, A. A., hot air furnaces, 300 Woodward av, Detroit, Mich.  
 Hare & Hare, landscape archs., Gumbel Bldg., Kansas City, Mo.  
 Hare, J. M., machsts. & fndrs., Noblesville, Ind.  
 Hare, Robinson-Hughes, lumber mfrs., 15th, Richmond, Va.  
 Hare, W., & Son, carriages, Noblesville, Ind.  
 Harer, G. V., & Co., contractors, Lykens, Ohio.  
 Hargett, P. L., & Co., wholesale hdwe., Frederick, Md.  
 Hargrave, W. T., sash, door & blind, Petersburg, Va.  
 Hargrove & Ruth Lumber Co., Poplar Bluff, Mo.  
 Harig, Henry, & Co., contractors, 31 E. 4th, Cincinnati, Ohio.  
 Haring, D., contractor, Clinton, Ia.  
 Harker, H. J., architect, Little Rock, Ark.  
 Harker Mfg. Co., fire appliances, 410 E. Pearl, Cincinnati, Ohio.  
 Harker Pottery Co., East Liverpool, Ohio.  
 Harkins, T. B., Fdry. Co., Bristol, Pa.  
 Harkness & Cowing Co., stearic acid, candles, Murray av & Carthage Pike St. B., Cincinnati, Ohio.  
 Harl, David G., architect, Punxsutawney, Pa.  
 Harl, McKean, contractor, Punxsutawney, Pa.  
 Harlan & Hollingsworth Corp., ship builders, Wilmington, Del.  
 Harlan, J. A., & Son, contractors, Albuquerque, N. M.  
 Harlan, J. M., Lumber Co., Indianola, Ia.  
 Harland, Wm., & Son, varnishes, Buffalo, N. Y.  
 Harleigh Iron Wks. Co., machsts., Hazleton, Pa.  
 Harlem Mfg. Co., valves, 518 W. 55th, New York.  
 Harlem Oil & Fertilizer Co., Harlem, Ga.  
 Harlem River Lbr. & Wood Working Co., 138th & Gerard av, New York.  
 Harlem Supply Co., plumbers' supplies—jobbers, 116 E. 124th, New York.  
 Harley & Aga, architects, 139 N. Clark, Chicago, Ill.  
 Harley, Alvin E., & Marr, Richard H., architects, Kresge Bldg., Detroit, Mich.  
 Harley Bros., lime, Delphi, Ind.  
 Harley Bros., mill & facty. supplies, Geneva, Ohio.  
 Harley Burglar Proof Ventg. Sash Lock Mfg. Co., hdwe. mfrs., 3341 Ogden av, Chicago, Ill.  
 Harley, Chas., Co., scrap iron, 650 7th, San Francisco, Cal.  
 Harley Co., machts. & fndrs., Springfield, Mass.  
 Harley-Davidson Motor Co., motor cycles & bicycles, 3732 Chestnut, Milwaukee, Wis.  
 Harley, J. S., fly nets, Quakertown, Pa.  
 Harley, P. N., Hardware Co., Waycross, Ga.  
 Harlow, Hamilton, architect, 101 Tremont, Boston, Mass.  
 Harlow Lbr. Co., Hartford, Conn.  
 Harlow, William H., & Sons, masons' & bldrs.' matls., 95 Pierce, Boston, Mass.  
 Harman Bros., machsts., 1915 Washington av, Philadelphia, Pa.  
 Harman de Runderau, flour mills, Crimora, Va.  
 Harman Eave Trough Hanger Co., New Philadelphia, Ohio.  
 Harman, Ed. F., posts (steel), Rosewood, Ohio.  
 Harman & Hassert, machsts. & fndrs., Bloomsburg, Pa.  
 Harman, Jacob A., consulting htg. engr., Dime Savings Bank, Peoria, Ill.  
 Harman, John B., architect, 56 N. Duke, Lancaster, Pa.  
 Harman, Jno. H., architect, Uniontown, Pa.  
 Harman & Moyer, machsts. & fndrs., Freeburg, Pa.  
 Harman Sanford Saddlery Co., Springfield, Mo.  
 Harmer Rubber Reclaiming Works, East Millstone, N. J.  
 Harmon, Arthur Loomis, architect, 3 W. 29th, New York.  
 Harmon, C. A., & Son, machsts., Watertown, N. Y.  
 Harmon Color Works, Inc., color mfrs., College Point, L. I., N. Y.  
 Harmon & Dixon, whol. hdwe., 117 Chambers, New York.  
 Harmon Machy. Co., Cordova, Alaska.  
 Harmon Mach. Co., Watertown, N. Y.  
 Harmon Paper Co., Brownville, N. Y.  
 Harmon & Reid, flour, Kernersville, N. C.  
 Harmon & Son, stone producers, Lannon, Wis.  
 Harmon, William H., & Son, architects, Beverly, Mass.  
 Harmon Grove Mills, cotton sheetings, Commerce, Ga.  
 Harmony Mills, cotton sheetings, Cohoes, N. Y.  
 Harms Bros., machsts., 1730 Thames, Baltimore, Md.  
 Harn, Willard E., Co., contractors, 213 N. Calvert, Baltimore, Md.  
 Harnden, Jas. H., Co., stone prod., 901 Grand, Brooklyn, N. Y.  
 Harned, Henry P., architect, 231 Wisconsin av, Oak Park, Ill.



- Harney, G. E., architect, 320 5th av, New York.  
 Harney, Jos. G., contractor, 3619 18th, San Francisco, Cal.  
 Harney, Wm., range boilers, 1349 N. Warnock, Philadelphia, Pa.  
 Harnisch, Ad. A., archt. modelers, Syracuse, N. Y.  
 Harnois, F. Louis, architect, 100 E. 16th av, Denver, Colo.  
 Harpér Brick Co., Harrison, N. J.  
 Harper Brush Wks., mop handles, Fairfield, Ia.  
 Harper Buggy Co., Columbia City, Ind.  
 Harper & Buttendorff Co., contractors, Oak Park, Ill.  
 Harper, C. M. C., masons' & bldrs. matls., Boston, Pa.  
 Harper, David, masons' & bldrs. matls. & contr., Harrison, N. J.  
 Harper, Fred D., dry batteries, Everett, Mass.  
 Harper, G. H. Co., veneer mfrs., Orange, N. J.  
 Harper-Hill Brick Co., common, Seattle, Wash.  
 Harper Lumber & Bldg. Co., Meadville, Pa.  
 Harper & McIntire Co., wholesale hdwe., Ottumwa, Ia.  
 Harper Machy. Co., 50 Church, New York.  
 Harper Mfg. Co., mill & facty. supplies, Chester, Pa.  
 Harper Orlphone Co., audiphones, 294 Washington, Boston, Mass.  
 Harper & Reynolds Co., plumbers' supplies, jobbers, 219 S. Central av, Los Angeles, Cal.  
 Harper, Thos., brass fndrs., 204 Lafayette, New York.  
 Harper, W. E. Co., silver nov., New Britain, Conn.  
 Harper, Walter, stone, Ridley Park, Pa.  
 Harper, Wm. F., contractor, 68 V. N.W., Washington, D. C.  
 Harperly Hall Co., contractors, P. N. & 64th, New York.  
 Harpers Brass Wks., Portland, Ore.  
 Harpers Ferry Paper Co., Harpers Ferry, W. Va.  
 Harpham Bros., Co., horse collars, harness, etc., Lincoln, Nebr.  
 Harpold Bros., wholesale hdwe., Ravenswood, W. A.  
 Harpole, John A., brick, Clinton, Ky.  
 Harpring, L. H. & Bro., cornices, 1236 S. Shelby, Louisville, Ky.  
 Harps, J. A. Mfg. Co., oil cans, automobile tanks, Greenfield, O.  
 Harpster & Bliss, architects, Nantucket bldg., Akron, Ohio.  
 Harrah Mfg. Co., tools, Bloomfield, Ind.  
 Harrah & Stewart Mfg. Co., brooms, soap, Des Moines, Ia.  
 Harrah Soap Co., 136 Havemeyer, Brooklyn, N. Y.  
 Harrell, Ed. H. Co., lumber, Houston, Tex.  
 Harrigan, J., & Son, cornices & skylights, 111 Liverpool, E. Boston, Mass.  
 Harrigan, John J., masons' & bldrs. matls., Beverly, Mass.  
 Harrigan Safe Co., Kansas City, Mo.  
 Harriman Mfg. Co., agricultural implements & plow stocks, Harriman, Tenn.  
 Harriman Milling Co., flour, Harriman, Tenn.  
 Harriman Motors Co., South Glastonbury, Conn.  
 Harriman, S. H., dowels, Fryeburg, Me.  
 Harring, F. J., & Co., fndrs., Grand Rapids, Mich.  
 Harringford Mfg. Co., pick & mattock mfrs., 148 State, Boston, Mass.  
 Harrington, B. E., canned goods, Taylors Island, Md.  
 Harrington Bros., bldg. contrs., 3959 Flad av, St. Louis, Mo.  
 Harrington Canning Co., Harrington, Del.  
 Harrington Cutlery Co., Southbridge, Mass.  
 Harrington, E. G. & Co., pianos, 433 5th av, New York.  
 Harrington, Edwin, Son & Co., drilling, staybolt threading tapping machines, etc., 17th & Callowhill, Philadelphia, Pa.  
 Harrington, Geo. S., Co., tex. machy., pickers (hair), 77 Washington, N. Boston, Mass.  
 Harrington & Howard, architects, Dubois, Pa.  
 Harrington, Hubert, mill & facty. supplies, Fargo, N. D.  
 Harrington, Jno. (Est. of), stone, Chambridge, Mass.  
 Harrington, King & Co., mill & facty. supplies, 79 Commercial, Boston, Mass.  
 Harrington & King Perforating Co., mining screens, 614 N. Union av, Chicago, Ill.  
 Harrington Mach. Co., Erie, Pa.  
 Harrington Milling Co., lumber, Harrington, Wash.  
 Harrington, P. J., stone producers, Norwich, Conn.  
 Harrington-Peters Co., contractors, Oriental Bldg., Seattle, Wash.  
 Harrington & Richardson Arms Co., machsts, Worcester, Mass.  
 Harrington-Robinson & Co., steel structural dlrs., 45 Bromfield, Boston, Mass.  
 Harrington, S. W., lbr. mfrs., Lehigh, Ia.  
 Harrington, T. J., knives, shoemakers' tools, Southbridge, Mass.  
 Harrington, T., & Sons, contractors, 558 Montgomery, Jersey City, N. J.  
 Harris, A. H., sash, door & blind, Tunkannock, Pa.  
 Harris, A. J., & Co., scrap iron, Lowell, Mass.  
 Harris, A. L., architect, 1410 H. N.W., Washington, D. C.  
 Harris, A. W., & Co., lubrg. oils & greases, 100 Maiden La, New York.  
 Harris, A. W., Oil Co., boiler compounds, lubricating oils, etc, 326 S. Water, Providence, R. I.  
 Harris, Arthur, & Co., fndrs., 212 N. Curtis, Chicago, Ill.  
 Harris Automatic Press Co., Niles, Ohio.  
 Harris Bag Co., 508 Caxton, Cleveland, Ohio.  
 Harris, Benj. J., contractor, Bland Bldg., Stamford, Conn.  
 Harris Brick Co., Cincinnati, Ohio.  
 Harris Bros., masons' & bldrs. matls., Zanesville, Ohio.  
 Harris Bros., Co., second hand bldg. matls. & machy. dlrs., 35th & Iron, Chicago, Ill.  
 Harris, C. E., Hardware Co., Rockville, Conn.  
 Harris, C. F., contractor, Youngstown, O.  
 Harris, C. P., masons' & bldrs. matls., Meadville, Pa.  
 Harris, C. S., contractor, Price, Utah.  
 Harris, C. S., cornices, Shelter Island Heights, N. Y.  
 Harris, C. S., Co., machsts, Rome, N. Y.  
 Harris Calorific Co., Cleveland, Ohio.  
 Harris Carriage Co., Lynchburg, Va.  
 Harris, Chas. F., & Co., carriages, Littleton, N. H.  
 Harris Clay Co., Dillsboro, N. C.  
 Harris Co., auto. wheels, Easthampton, Mass.  
 Harris-Corliss Engine & Machine Co., steam engines, engine lathes, contractors' machine work, Park, Providence, R. I.  
 Harris, Delancey P., Hardware Co., 24 Murray, New York.  
 Harris, Edgar T., contractor, South Hadley Falls, Mass.  
 Harris Emery Co., cariage cloth, flannels—woolen, Penacook, N. H.  
 Harris Engine Co., Front & Orange, Wilmington, Del.  
 Harris, F. T., architect, Redlands, Cal.  
 Harris, Franklin M., & Co., contractors, 1820 Wylie, Phila., Pa.  
 Harris, G. H. Co., poker sets, 61 Clymer, Brooklyn, N. Y.  
 Harris, Geo. D., contractor, Albion, N. Y.  
 Harris, Geo. W., Co., loom harness, Lowell, Mass.  
 Harris Granite Quarries Co., Salisbury, N. C.  
 Harris, H. E., Engng. Co., jigs & fixtures, tapping machs., models, etc., 1041 Broad, Bridgeport, Conn.  
 Harris, H. P., cornices & skylights, Monticello, Ill.  
 Harris Hardware Co., Washington, N. C.  
 Harris & Harrington, English hall clock, 29 Park pl, New York.  
 Harris, Harvey E., architect, Monadnock Bldg., San Fran., Cal.  
 Harris, Herbert, lime mfr., Lime Rock, R. I.  
 Harris, I. H., lumber, Woodstock, Va.  
 Harris Ice Mach. Wks., Portland, Ore.  
 Harris Iron & Supply Co., Memphis, Tenn.  
 Harris, J., Co., gas stoves, Cleveland, Ohio.  
 Harris, J. P., canned goods, Preston, Md.  
 Harris, J. W., mill & facty. supplies, whol. hdwe., Americus, Ga.  
 Harris Knitting Mills, knitted gloves, Armat & Lena, Gtn., Philadelphia, Pa.  
 Harris, L., & Sons, plate glass, 177 Greenwich, New York.  
 Harris, Leonard B., architect, 411 Walnut, Philadelphia, Pa.  
 Harris, M. R., masons' & bldrs. matls., Ottawa, Kans.  
 Harris Machinery Co., Washington & University, S. E., Minneapolis, Minn.  
 Harris Mfg. Co., lumber, Johnson City, Tenn.  
 Harris Mfg. Co., feed carriers, bowls, cattle stanchions, etc., Salem, Ohio.  
 Harris Mfg. Co., machinists, Stockton, Cal.  
 Harris & Merritt, architects, Erie Co. Bk. Bldg., Buffalo, N. Y.  
 Harris, Morgan, contractor, Carnegie, Pa.  
 Harris Oil & Grease Wks., lubrg., Titusville, Pa.  
 Harris, P. E., & Co., canned goods, Seattle, Wash.  
 Harris, P. S., bank & office railings, Wheeling, W. Va.  
 Harris Player Piano Co., Binghamton, N. Y.  
 Harris Pump & Supply Co., water supply systems, 320 2d av, Pittsburgh, Pa.  
 Harris, R., traveling bags, 4824 S. Main, Los Angeles, Cal.  
 Harris, R. F., & Co., agricultural implements, Charlottesville, Va.  
 Harris, R. H., & Sons, carriages, Pulaski, Tenn.  
 Harris, Ralph C., architect, 30 N. La Salle, Chicago, Ill.  
 Harris & Reed, ball & roller bearing auto. hubs, bicycle parts & sundries, 1500 W. 15th, Chicago, Ill.  
 Harris & Richards, architects, Drexel Bldg., Philadelphia, Pa.  
 Harris, Robt. L., architect, 2027 Kennedy av, Baltimore, Md.  
 Harris, S. H., Co., archt. iron, 610 W. Lake, Chicago, Ill.  
 Harris Safety Co. (of Youngstown, O.), archt. iron, 39 E. 19th, New York.  
 Harris, Samuel, & Co., machsts., mill, facty. supplies & tools, 114 N. Clinton, Chicago, Ill.  
 Harris-Smith Coal & Coke Co., Uniontown, Pa.  
 Harris Soap Co., 18 Stetson, Buffalo, N. Y.  
 Harris Stevens Co., cages, cars, fans, etc., Pittsburgh, Pa.  
 Harris Trunk Mfg. Co., Portland, Ore.  
 Harris, W. E., architect, Portsmouth Bldg., Kansas City, Mo.  
 Harris, W. G., architect, Portsmouth Bldg., Kansas City, Mo.  
 Harris, W. H., lbr., East Sullivan, N. H.  
 Harris & Warner, fertilizer mfrs., Kellyton, Ala.  
 Harris-Wheaton Co., boot counters, 157 Pearl, Boston, Mass.  
 Harris, Wm. M., masons' & bldrs. matls., Uxbridge, Mass.  
 Harris, Wm. M., Jr., masons' & bldrs. matls., 546 Atwells av, Providence, R. I.  
 Harris Wood Fibre Mantle Co., 1569 Columbus, N. W., Cleveland, Ohio.  
 Harrisburg Bag & Box Co., paper flour bags, Harrisburg, Pa.  
 Harrisburg Brass & Bronze Foundry, Harrisburg, Pa.  
 Harrisburg Burial Case Co., Harrisburg, Pa.  
 Harrisburg Foundry & Machine Co., engine builders, Harrisburg, Pa.  
 Harrisburg Hdwe. Co., whol. hdwe., Harrisburg, Pa.  
 Harrisburg Iron & Steel Co., scrap, Harrisburg, Pa.  
 Harrisburg Pipe & Pipe Bending Co., rolling mill, Harrisburg, Pa.  
 Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.  
 Harrison, B. F., Mfg. Co., steamer chairs, Arkville, N. Y.  
 Harrison, B. J., Son Co., piano benches, Winsted, Conn.  
 Harrison Bros. & Co., chemicals, 35th & Grays Ferry av, Philadelphia, Pa.  
 Harrison Bros. & Co., carriages, Jersey, Ohio.  
 Harrison Bros. Co., sand & gravel dlrs., Tacoma, Wash.  
 Harrison & Co., key cutting machs., 81 New, New York.  
 Harrison Constr. Co., Petersburg, Va.



- Harrison & Craig Co., contractors, 837 Broad, Newark, N. J.  
Harrison & Curtis, masons' & bldrs.' matls., Newburgh, N. Y.  
Harrison, D. A., carriages, Clarksville, Tenn.  
Harrison, D. L., canned goods, Brosius, W. Va.  
Harrison Dust Guard Co., Toledo, Ohio.  
Harrison Elec. Co., Van Brunt, Brooklyn, N. Y.  
Harrison Engineering & Constr. Corp., Morgan Bldg., Buffalo, N. Y.  
Harrison Fertilizer Co., Harrison, Ga.  
Harrison Fdry. & Mach. Co., Harrison, Ark.  
Harrison Granite Co., 200 5th av, New York.  
Harrison, H. H., & Co., engrs., employment agencies, Assn. Bldg., Chicago, Ill.  
Harrison, Jas. S., & Co., wood handles, Addison, N. Y.  
Harrison, John (Est. of), mill & facty. supplies, 169 South, New York.  
Harrison, John F., cooperage stock, Bienville, La.  
Harrison, Joseph D., architect, 52 Vandervile av, New York.  
Harrison, M. Joseph, architect, 63 Park Row, New York.  
Harrison, M., & Son, cornices, 214 E. 52d, New York.  
Harrison Machine Wks., Belleville, Ill.  
Harrison Machine Works, Los Angeles, Cal.  
Harrison Mfg. & Boiler Co., boilers, pipe, etc., Harrisburg, Pa.  
Harrison Mfg. Co., machinists, Lockport, N. Y.  
Harrison, Merritt, architect, Bd. of Trade Bldg., Indianapolis, Ind.  
Harrison Planing Mill Co., Hastings, Neb.  
Harrison Postal Bag Rack Co., Fond du Lac, Wis.  
Harrison, R. C., & Co., stone, 3d & Allegheny, Philadelphia, Pa.  
Harrison, Robt., Co., auto. wood bodies, 330 W. 1st, So. Boston, Mass.  
Harrison Safety Boiler Works, machsts. & fndrs., 3147 N. 17th, Philadelphia, Pa. *See adv index at end of book.*  
Harrison Supply Co., machy., pumice, brick, etc., 5 Dorchester av, Boston, Mass.  
Harrison, T. P., contractor, Lincoln, Neb.  
Harrison, W. H., Co., masons' & bldrs.' matls., Grand Island, Neb.  
Harrison, W. R., & Co., agricultural implements, Massillon, Ohio.  
Harrison, Walter H., landscape architect, La Mott, Pa.  
Harrison Waterproof Materials Co., 30 Church, New York.  
Harrison, Wm. H., brick, E. 49th, opp. Guy av, Cleveland, Ohio.  
Harrisonburg Milling Co., flour, Harrisonburg, Va.  
Harrisons, Inc., chemicals, paints, varnishes, enamels, etc., 35th & Gray's Ferry rd, Philadelphia, Pa.  
Harris's, J. M., Sons, flour mills, Glen Easton, W. Va.  
Harrman & Son, brick, Antwerp, Ohio.  
Harrocks-Ibbotson Co., fishing rods, etc., Utica, N. Y.  
Harrold Tool & Forge Co., Columbiana, Ohio.  
Harrold, Wm. H., architect, Schenley Park, Pittsburgh, Pa.  
Harroll, R. A., Buggy Co., carriages, South Boston, Va.  
Harron, Rickard & McCone, machinery & supplies & machsts.' tools, 139 Townsend, San Francisco, Cal.  
Harroun, J. E., & Son, lumber mfrs., Watertown, N. Y.  
Harrow Spring Co., machsts., rolling mills, 1112 1st National Bk. Bldg., Milwaukee, Wis.  
Harroway, M. W., masons' & bldrs.' matls., Richmondville, N. Y.  
Harry Bros. Co., tanks, Dallas, Tex.  
Harry Bros. Co., corrugated galvanized iron lawn rollers, Carr & I. C. R. R., New Orleans, La.  
Harry Bros. Mfg. Co., dies & metal stamping, 282 E. Woodbridge, Detroit, Mich.  
Harry, I. H., flour mills, Falls Mills, Va.  
Harry, O. K., Steel Co., corr. steel awnings, tanks, etc., 2333 Papin, St. Louis, Mo., & Dallas, Tex.  
Harry, S. J., Co., contractors, Connellsville, Pa.  
Harryman Bro., broom corn, Wichita, Kan.  
Harsh-Miller Mfg. Co., hdwe. mfrs., Wabash, Ind.  
Harsha, L. R., Mfg. Co., weather strips, mouldings, 2010 Carroll av, Chicago, Ill.  
Harshaw, Fuller & Goodwin Co., chemical mfrs. & dealers, Electric Bldg., Cleveland, Ohio.  
Harshbarger Milling Co., flour, Milton, W. Va.  
Harshfield, Fred, canned goods, Shepherdsville, Ky.  
Harshman, John F., & Sons, machsts. & founders, Saratoga, Ind.  
Harstick Heating Co., Memphis, Tenn.  
Harston, L. M., Co., mill & facty. supplies, North Windham, Conn.  
Hart, B. F., Jr., & Co., water cooling towers & contractor, 50 Church, N. Y.  
Hart & Bailey, contractors, 16th & Loudon, Philadelphia, Pa.  
Hart & Bro. Co., meat packers, Wilmington, Del.  
Hart Bros., bldg. contrs., 36 Pacific, Lynn, Mass.  
Hart Bros. Machine Co., Clarksburg, W. Va.  
Hart, Chas., tex. machy., presses (cloth, rotary steam), Plum & Hedge, Philadelphia, Pa.  
Hart, Chas. H., cornices, Aurora, Ill.  
Hart & Co., brushes, commutator compounds, Fostoria, Ohio.  
Hart & Cooley Co., wrought steel hot air registers, Booth, New Britain, Conn.  
Hart & Crouse Co., furnaces, Utica, N. Y.  
Hart, Donald P., architect, 3 W. 29th, New York.  
Hart, Dow J., lock corner boxes, Marlboro, N. H.  
Hart, E. W., architect, East Las Vegas, N. M.  
Hart & Fleet, lbr. mfrs., Albany, N. Y.  
Hart Fndry. Co., Lawrence, Mass.  
Hart Fndry. Co., Peoria, Ill.  
Hart, Frank J. W., architect, Hot Springs, Ark.  
Hart, Fdk., & Co., designers & makers special machy., 837 Main, Poughkeepsie, N. Y.  
Hart Grain Weigher Co., Eaton, Water & Hancock, Peoria, Ill.  
Hart, H. C., Implement Co., La Crosse, Wis.  
Hart, H. C., Mfg. Co., die sinkers, letter openers, cutlery, etc., Unionville, Conn.  
Hart & Hegeman Mfg. Co., junction boxes, clamps, machsts., etc., 342 Capitol av, Hartford, Conn.  
Hart & Hutchinson Co., steel lockers & facty. equipment mfrs., New Britain, Conn.  
Hart, I. S., sash, door & blind, Sayre, Pa.  
Hart, Jas. A., Co., contractors, 256 B'way, New York.  
Hart, Jno. N., Lbr. Co., Portsmouth, Va.  
Hart Mfg. Co., machsts. & fndrs., 352 Atlantic av, Boston, Mass.  
Hart Mfg. Co., die stocks, E. 20th & Marion av, Cleveland, Ohio.  
Hart Mfg. Co., desk mfrs., Findlay, Ohio.  
Hart Mfg. Co. (The), "Diamond H" switches, mfrs., Hartford, Conn. *See adv index at end of book.*  
Hart Mfg. Co., belt fasteners, St. Louis, Mo.  
Hart Mirror Plate Co., Grand Rapids, Mich.  
Hart, P. A., contractor, 71 Lafayette av, New Brighton, N. Y.  
Hart, P., & Sons, stone prod., 71 Lafayette av, New Brighton, N. Y.  
Hart Packing Co., 144 High, Boston, Mass.  
Hart & Page, mason's & bldrs.' matls., Rockford, Ill.  
Hart-Parr Co., machsts. & fndrs., Charles City, Ia.  
Hart, Patrick, scrap iron, Newburgh, N. Y.  
Hart, Patrick J., cornices, Fitchburg, Mass.  
Hart, R. A., machsts., Battle Creek, Mich.  
Hart, R. E., architect, Stahlman Bldg., Nashville, Tenn.  
Hart, S. W., & Son, masons' & bldrs.' matls. & contr., Minerva, Ohio.  
Hart, Sanford P., architect, Carroll, Ia.  
Hart Sash Holder Co., Lexington, Mo.  
Hart & Schmidt, architects, 15 E. 40th, New York.  
Hart, T. T., Paper Co., Albany, Ind.  
Hart, Thos. H., Co., machsts. & fndrs., 364 Atlantic av, Boston, Mass.  
Hart-Ward Hardware Co., Raleigh, N. C.  
Hart, Wm., coffee roasters, 34 Catherine, New York.  
Hartbauer, Dan'l, stone producers, 4109 Liberty av., Pittsburgh, Pa.  
Harte, J. H., contractor, 1609 Webster, Omaha, Nebr.  
Harter Co., lamp cord adjusters, Waukegan, Ill.  
Harter Mfg. Co., fixture clusters, shade holders, 522 S. Clinton, Chicago, Ill.  
Harter Milling Co., Toledo, Ohio.  
Hartford Auto. Parts Co., Hartford, Conn.  
Hartford Blower Co., shavings collecting systems, Hartford, Conn.  
Hartford Board Co., Hartford, Conn.  
Hartford Bros., machsts. & fndrs., 102 South, Boston, Mass.  
Hartford Burial Case Co., Hartford, Conn.  
Hartford Canning Co., Hartford, Wis.  
Hartford City Paper Co., Hartford City, Ind.  
Hartford City Salt Co., Hartford, W. Va.  
Hartford Clock Co., Hartford, Conn.  
Hartford Const. Co., steel centering, Hartford, Conn.  
Hartford Contractors' Supply Co., Hartford, Conn.  
Hartford Drop Forge Co., Hartford, Conn.  
Hartford, Edw. V., auto. brakes, shock absorbers, 141 Morgan, Jersey City, N. J.  
Hartford Elec. Nov. Co., 160 N. 5th av, Chicago, Ill.  
Hartford Engine Wks., mtlc. packing, Hartford, Conn.  
Hartford Faience Co., archl. faience, Hartford, Conn.  
Hartford Fertilizer Wks., Hartford, Ala.  
Hartford & Hausler, architects, Pioneer Bldg., St. Paul, Minn.  
Hartford Lbr. Co., Hartford, Conn.  
Hartford Lumber Co., sash, door & blind, Hartford, Wis.  
Hartford Machine Screw Co., Hartford, Conn.  
Hartford Mill Supply Co., Hartford, Conn.  
Hartford Paper Co., Hartford, Conn.  
Hartford Rubber Wks. Co., Hartford, Conn.  
Hartford Special Machny. Co., dynamometers, Hartford, Conn.  
Hartford Stained Glass Wks., Hartford, Conn.  
Hartford Steam Boiler Inspection & Insurance Co., Hartford, Conn.  
Hartford Sterling Co., table silverware, 46th nr 6th, Phila., Pa.  
Hartford Stone Co., Youngstown, Ohio.  
Hartford Time Switch Co., 71 Murray, New York.  
Hartford Wire Wks., bed springs, Hartford, Conn.  
Hartge, C. E., architect, Raleigh, N. C.  
Hartig-Becker Plow Co., Evansville, Ind.  
Hartig, Louis, masons' & bldrs.' matls., wholesale hdwe., 1001 7th, N. W., Washington, D. C.  
Hartig Standard Gas Engine Co., ice breakers, 69 Commercial, Newark, N. J.  
Hartig, W. F., Plow Co., Evansville, Ind.  
Harting, S., contractor, 20 S. Johnson, Gtn., Philadelphia, Pa.  
Hartie Paper Mfg. Co., 113 Wood, Pittsburgh, Pa.  
Hartley Boiler Wks., Montgomery, Ala.  
Hartley, C. J., Co., machsts., Peoria, Ill.  
Hartlev, Geo., brass, copper, broom & brush wire, Wat-bury, Conn.  
Hartlev, John H., cornices, 3402 H., Philadelphia, Pa.  
Hartley, M., Co., rifles, guns, etc., 233 B'way, New York.



- Hartley-Rose Belting Co., 425 1st av, Pittsburgh, Pa.  
Hartley Screw Products Co., 65 N. J. R. R. av, Newark, N. J.  
Hartley Shingle Co., lumber, Everett, Wash.  
Hartley, T., machst., 75 Delevan, Brooklyn, N. Y.  
Hartley, W. H., Sons & Co., cornices & skylights, Cambridge, O.  
Hartline Mill & Elevator Co., flour, Hartline, Wash.  
Hartlove Packing Co., canned goods, 14 N. Schroeder, Baltimore, Md.  
Hartman, Albert, architect, Dunmore, Pa.  
Hartman Broom Co., Clay Center, Kans.  
Hartman Bros., mattresses, Quincy, Ill.  
Hartman Bros., contractors, Williamsport, Pa.  
Hartman Co., fndrs., 1231 N. Front, Philadelphia, Pa.  
Hartman, E. F., Co., pads & tablets, Springfield, Ill.  
Hartman Electrical Mfg. Co., circuit breakers & elec. specialties, Mansfield, Ohio.  
Hartman-Franz Co., tin plate, metals, etc., Dayton, Ohio.  
Hartman, G. W., Htg. Co., 12th & Oxford, Philadelphia, Pa.  
Hartman-Greiling Co., tubular boilers, Green Bay, Wis.  
Hartman, H. J., Fdry. Co., castings, Grand Rapids, Mich.  
Hartman Hardware Co., McKeesport, Pa.  
Hartman Ingot Metal Co., 2511 W. 21st, Chicago, Ill.  
Hartman, J., architect, 765 Amsterdam av, New York.  
Hartman, J. H. B., Co., machsts. & fndrs., Millheim, Pa.  
Hartman, John H., & Bros., contractors, Williamsport, Pa.  
Hartman-Malcolm Co., classic wood carvers, 847 N. Troy, Chicago, Ill.  
Hartman Mfg. Co., agricultural implements, Vincennes, Ind.  
Hartman, Robt., Co., cardboard signs, 409 Pearl, New York.  
Hartman, Wm. T., cornices, Lyons, N. Y.  
Hartmann Bricklaying & Contrg. Co., Odd Fellows Bldg., St. Louis, Mo.  
Hartmann, G., Contracting Co., Chemical Bldg., St. Louis, Mo.  
Hartmann, Neubert Lumber Co., cedar shingles, Seattle, Wash.  
Hartmann-Sanders Co., sash, door & blind mfrs., 2155-2187 Elston av Chicago, Ill.  
Hartmann Trunk Co., Racine, Wis.  
Hartnett, J. A., & Lro sash, door & blind mfrs., Dover, Del.  
Hartnett, John J., fndry., Albany, N. Y.  
Hartnett, W. J., cornices, Easton, Md.  
Harton, Pembroke D., Co., machsts. & fndrs., 15th & Fairmount av, Philadelphia, Pa.  
Hartranft, Frank, fertilizer mfrs., Coatesville, Pa.  
Hartranft, Wm. G., Co., masons' & bldrs.' matls., Real Estate Tr. Bldg., Philadelphia, Pa.  
Hartsburg & Hawksley Co., sash, door & blind, North Aurora, Ill.  
Hartsells Mach. Co., Hartsells, Ala.  
Hartshorn, C. H., reed & rattan wks., children's carriages & rattan furniture, Gardner, Mass.  
Hartshorn, F. E., lbr. mfrs., New Haven, Conn.  
Hartshorn, Stewart Co., shade rollers, Newark, N. J.  
Hartsig, Jacob, common brick, Warren, Mich.  
Hartson, L. M., Co., tex. machy., supplies, etc., N. Windham, Conn.  
Hartsville Fertz. Co., Hartsville, S. C.  
Hartsville Milling Co., flour, Hartsville, Tenn.  
Hartsville Oil Mill, meal, Hartsville, S. C.  
Hartsville Supply Co., mill & facty. supplies, Hartsville, S. C.  
Hartwell Bros., handles, wagon spokes, etc., Chicago Heights, Ill.  
Hartwell, C. L., & Co., handles, poles, neck yokes, etc., Chicago Heights, Ill.  
Hartwell Iron Wks., Houston, Tex.  
Hartwell Mills, cotton sheetings, Hartwell, Ga.  
Hartwell, Richardson & Driver, architects, 27 State, Boston, Mass.  
Hartwell, Walter A., bldg. contr., Fitchburg, Mass.  
Hartwick, E. F., & Co., landscape archs., Ford Bldg., Detroit, Mich.  
Hartwig, Harry F., contractor, 7403 J, Philadelphia, Pa.  
Hartwig & Kemper, chair manfrs., Baltimore, Md.  
Hartwig, Wm. J., Co., soldering flux, Detroit, Mich.  
Harty Bros. & Harty Co., sash, door & blind mfrs., 2100 Loomis, Chicago, Ill.  
Hartz, H. V., Co., machy., Cleveland, Ohio.  
Hartzell & Collins, architects, New York Life Bldg., Minneapolis, Minn.  
Hartzell, Geo. W., lumber mfrs., Dayton, Ohio.  
Hartzell Sales Co., sales agent, Huntington, W. Va.  
Hartzfeld, Clarence, architect, 7 S. Dearborn, Chicago, Ill.  
Harum, David, Canning Co., Homer, N. Y.  
Harvard Co., dental chairs, Canton, Ohio.  
Harvard Elec. Co., testing clamps & elec. cable hangers, 525 W. Van Buren, Chicago, Ill.  
Harvard Knitting Mills, sweaters, cardigans, etc., 19 E. 24th, New York.  
Harvard Piano Co., Dayton, Ky.  
Harvard-Pioneer Motor Car Co., Troy, N. Y.  
Harvard University School of Applied Science, engng. school & coll., Cambridge, Mass.  
Harvey, A. C., Co., whol. hdwe. & steel imp., 374 Congress, Boston, Mass.  
Harvey Brick & Tile Co., Harvey, Ia.  
Harvey-Burden Const. Co., Chemical Bldg., St. Louis, Mo.  
Harvey Chemical Co., metal polish & carbon removers, Lafayette, Ind.  
Harvey Coal & Coke Co., Macdonald, W. Va.  
Harvey Co., mill & facty. supplies, 113 South, Baltimore, Md.  
Harvey Fibre Carpet Co., Trenton & Allegheny av, Phila., Pa.  
Harvey Furnace Co., 337 W. 38th, New York.  
Harvey, Geo. E., machst., Lewiston, Me.  
Harvey, Geo. F., Jr., architect, Commonwealth Bldg., Denver, Colo.  
Harvey, Geo. L., architect, 105 S. Dearborn, Chicago, Ill., & Port Huron, Mich.  
Harvey, Geo. W., Co., contractors, 201 Devonshire, Boston, Mass.  
Harvey, H. H., Mfg. Co., contractors' tools & supplies, 15 Sherman, Boston, Mass., & Augusta, Me.  
Harvey, J. W., contractor, Sarasota, Fla.  
Harvey, John, Fuel & Feed Co., Leadville, Colo.  
Harvey Mill Co., lumber, Etna, Wash.  
Harvey Milling Co., feed, Harvey, N. D.  
Harvey Motor Truck Wks., auto. bldrs., Harvey, Ill.  
Harvey & Outerbridge, cod oil, 11 B'way, New York.  
Harvey Paper Co., rope, Wellsburg, W. Va.  
Harvey Spring & Forging Co., Racine, Wis.  
Harvey & Viegler, architects, American Bk. Bldg., Seattle, Wash.  
Harvey, W. T., Lumber Co., Columbus, Ga.  
Harvey, W. W., & Son, machsts. & fndrs., Constantine, Mich.  
Harvey & Watts, smoking pipes, 1822 E. Venange, Phila., Pa.  
Harvey, Wm., mattresses, Norristown, Pa.  
Harvey, Wm. A., contractor, New London, Conn.  
Harvey, Wm. H., architect, Fiskdale, Mass.  
Harvey's, A., Sons Mfg. Co., plumbers', steam fitters' & engineers', mill & facty. supplies, 1st & Woodbridge, Detroit, Mich.  
Harveysburg Fertilizer Co., Harveysburg, Ohio.  
Harward, C. F., canned goods, Halls, Tenn.  
Harwi, A. J., Hardware Co., Atchison, Kans.  
Harwood-Barley Mfg. Co., machsts. & fndrs., Marion, Ind.  
Harwood Counter Co., Lynn, Mass.  
Harwood, F. W., & Son, gold leaf, 7 Clay, Baltimore, Md.  
Harwood, Geo. S., & Son, tex. machy., supplies, etc., 53 State, Boston, Mass.  
Harwood, H., & Sons, base ball, Natick, Mass.  
Harwood & Moss, contractors, Newport News, Va.  
Harwood & Quincy Mach. Co., Worcester, Mass.  
Harwood & Son, contrs. tents, 175 W. B'way, New York.  
Harwood, W. S., Lumber & Coal Co., Bloomington, Ill.  
Harwood's, H. J., Sons, school furniture, 69 Pearl, Boston, Mass.  
Hasam Box Fcty., packing, 621 N. Rochblave av, New Orleans, La.  
Hasard, Wm., masons' & bldrs.' matls. & baling hay, Trumansburg, N. Y.  
Hasbrouck-Bergen Co., elec. & gas light fixtures, 223 E. 38th, New York.  
Hasbrouck, Chas. A., & Son, sash, door & blind mfrs., 863 3d av, New York.  
Hasbrouck Flooring Co., 501 E. 70th, New York.  
Hasbrouck, J. J., & Co., buhr-stones buggies, New Paltz, N. Y.  
Hascell Paint Co., W. 70th, Cleveland, Ohio.  
Hase & Weiher, bldg. contrs., 2916 McKinley blvd, Milwaukee, Wis.  
Hasecoster, J. A., architect, 2nd Nat. Bk. Bldg., Richmond, Ind.  
Haselbarth, C. R., & Son, machsts., Elk Lick, Pa.  
Haseltine, J. E., & Co., whol. hdwe., 88 Front, Portland, Ore.  
Haserot, Francis H., Co., canned goods, Huron rd, S. E., Cleveland, Ohio.  
Hasey Heating Co., 503 4th av, S., Minneapolis, Minn.  
Haskard, John S., scrap iron, Plainfield, N. J.  
Haskell & Barker Car. Co., Michigan City, Ind.  
Haskell & Barnes, architects, 301 N. Charles, Baltimore, Md.  
Haskell Bros., trunk mfrs., 165 N. Green, Chicago, Ill.  
Haskell, C. S., pianos, 1520 Kater, Philadelphia, Pa.  
Haskell Dawes Mach. Co., Boston, Mass.  
Haskell, J. B., machst. & fndr., East Waterford, Me.  
Haskell Quarry Co., Haskell, N. J.  
Haskell, Wm. H., Mfg. Co., bolt, nut & rivet mfrs., Pawtucket, R. I.  
Haskew Lumber Co., So. Pittsburgh, Tenn.  
Haskin, Chas. A., contractor, Boston, Mass.  
Haskin Glass Co., Martin's Ferry, Ohio.  
Haskin Glass Co., Martins Ferry, Ohio.  
Haskins Art Glass Co., Rochester, N. Y.  
Haskins Bros. & Co., soap, Sioux City, Ia.  
Haskins Glass Co., insulators, Wheeling, W. Va.  
Haskins, J. L., Lumber Co., lumber manfrs., Maryland Casualty Bldg., Baltimore, Md.  
Haskins, L. M., isinglass, 131 State, Boston, Mass.  
Haskins, R., & Co., meat packers, 205 Walnut, Cincinnati, Ohio.  
Haskins, Wm., & Son, lumber, 110 State, Boston, Mass.  
Haslam Lime & Chemical Co., Scranton, Pa.  
Haslehurt, W. W., machinery, 2122 Folsom, San Francisco, Cal.  
Haslet, Flanagan & Co., tinware mfrs., 116 N. 2d, Phila., Pa.  
Haslett Spiral Chute Co., special chutes & beet & roller conveyor systems, 1937 Tioga, Philadelphia, Pa.  
See adv. index at end of book.  
Hasley, Geo., & Sons, soap, 1540 East, Pittsburgh, Pa.  
Hass & Anderson, hardware, St. Paul, Minn.  
Hass Bros., quicksilver, 61 Broadway, New York.  
Hass, Hy., & Son, hdwe. mfrs., 1909 Pk. av, New York.  
Hass, Jonah, contractor, Johnstown, N. Y.



- Hassall, John, nails, screws, rivets & escutcheon pins mfrs., Clay & Oakland, Brooklyn, N. Y.  
*See adv. index at end of book.*
- Hassell, C., contractor, Burlington, Ia.
- Hassell Iron Wks. Co., Colorado Springs, Colo.
- Hasselbarth, C. O., spring beds & mattresses, Albany, N. Y.
- Hasselbarth-Whiton Co., bedsteads & woven-wire mattresses, Utica, N. Y.
- Hasselfeldt, Chas., & Co., contrs., La Porte, Ind.
- Hasselman, Fredk. R., architect, 10 R. R. pl. East Orange, N. J.
- Hassenbruch, Herman, Co., wholesale hdwe., 8 N. 5th, Phila., Pa.
- Hasseries, Carl, grass catchers, B'way & E. 55th, Cleveland, O.
- Hassler, Fred'k, archt. iron, 2 Sullivan, Brooklyn, N. Y.
- Hassler, S. R., flour, Rocky Face, Ga.
- Hasted-Hall Mould Works, glass molds, Bridgeton, N. J.
- Haster, Dennis, & Son, contractors, Hudson, N. Y.
- Hastings, A. J., Co., mfrs. saws—circular, hand, jig, band, etc., 41 Commercial, Newark, N. J.
- Hastings, A. W., & Co., sash, door & blind, 134 Friend, Boston, Mass.
- Hastings Cabinet Co., Hastings, Neb.
- Hastings Canning Co., Hastings, Neb.
- Hastings Casket Mfg. Co., Hastings, Minn.
- Hastings & Co., gold leaf, 819 Filbert, Philadelphia, Pa.
- Hastings Cut Stone Co., Main e. 6th av, S. E., Minneapolis, Minn.
- Hastings Equity Grain Bin Mfg. Co., chutes, portable houses, Hastings, Neb.
- Hastings, F. L., architect, Hastings-on-Hudson, N. Y.
- Hastings Foundry & Iron Works, Hastings, Neb.
- Hastings Industrial Co., refrigeration engrs., 326 W. Madison, Chicago, Ill.
- Hastings, J. M., Lumber Co., 541 Wood, Pittsburgh, Pa.
- Hastings, J. W., & Son, flour mills, Big Sandy, Tenn.
- Hastings, M. E., cornices, New York Mills, N. Y.
- Hastings & Morrison, stone producers, 1510 Washington av, Philadelphia, Pa.
- Hastings Packing Co., Laurel, Del.
- Hastings Pavement Co., 25 Broad, New York.
- Hastings Samuel A., architect, Farmers' Tr. Bldg., Indianapolis, Ind.
- Hastings Sporting Goods Wks., Hastings, Mich.
- Hastings, W. S., & Sons, fertilizer mfrs., Atglen, Pa.
- Hastings, W. W., architect, Everett, Wash.
- Hastings Wool Boot Co., Hastings, Mich.
- Hasty, J. F., & Sons, box shooks, 21st & Standish, Detroit, Mich.
- Hasty, John A., architect, 46 Cornhill, Boston, Mass.
- Haswell Steel Range & Furnace Co., Circleville, Ohio.
- Hatch & Bailey Co., masons' & bldrs.' matls., S. Norwalk, Conn.
- Hatch & Barnes, sash, door & blind mfrs., Worcester, Mass.
- Hatch, E. W., metallic packing, 14 L., Boston, Mass.
- Hatch, E. W., & Son, corn brooms, Union City, Pa.
- Hatch, Edw. G., architect, 269 Rozelle av, Cleveland, Ohio.
- Hatch, F. E., machsts., 74 Greene, New York.
- Hatch Hdwe. Co., cornices, Union City, Pa.
- Hatch, Hugh, brick, Camden, N. J.
- Hatch, J. E., masons' & bldrs.' matls., Garretttsville, O.
- Hatch, John D., architect, Humboldt Bk. bldg., San Francisco, Cal.
- Hatch, Southmayd, naval architect, Ft. Fordham, New York.
- Hatch & Sullivan, elec. disc. fans, Exeter, N. Y.
- Hatch's, W. W., & Son's Co., contractors, Goshen, Ind.
- Hatch, Wm. W., architect, 251 Broadway, Troy, N. Y.
- Hatfield Coal Co., masons' & bldrs.' matls., Middletown, Ohio.
- Hatfield & Scott, steam fitters' supplies, Troy, Ohio.
- Hathaway, H. H., architect, 6 Beacon, Boston, Mass.
- Hathaway, O. H., Co., roll covers, Central Falls, R. I.
- Hatheway Mfg. Co., machsts., Bridgeport, Conn.
- Hatheway & Reynolds, sweaters, cardigans, etc., Oriskany Falls, N. Y.
- Hathorne, A. C., Co., cornices, Burlington, Vt.
- Hattaway & Co., turpentine, Bluffton, Ga.
- Hatten Lumber Co., New London, Wis.
- Hatten, Owen, brick, Fisher's la & 9th, Philadelphia, Pa.
- Hatter, T. A., & Son, lumber mfr., Creola, Ala.
- Hattersley, A., & Sons, fndrs., Ft. Wayne, Ind.
- Hattersley Constr. Co., Spitzer Bldg., Toledo, O.
- Hattiesburg Wood Reduction Co., turpentine, Hattiesburg, Miss.
- Hatton & Co., architects, 1314 G. N. W., Washington, D. C.
- Hatton, Ed. T., contractor, Kokomo, Ind.
- Hatton, Horace T., architect, Cutler Bldg., Rochester, N. Y.
- Hatton, I. E., Lumber & Supply Co., cash, door & blind, Springfield, Mo.
- Hattroth, William, surgical instruments, 228 Powell, San Francisco, Cal.
- Hatzell & Buehler, contractors, 373 4th av, New York.
- Hauptman & Loeb Co., Ltd., mill & facty. supplies, 717 Magazine, New Orleans, La.
- Hauck, A. B., stone producers, Lebanon, Pa.
- Hauck Bros., wholesale hardware, Mechanicsburg, Pa.
- Hauck, Chas. F., & Co., cornices, Springfield, Ohio.
- Hauck Mfg. Co., furnaces (crucible, etc.), 140 Cedar, New York.
- Hauck, Michael, cornices, 1351 Walnut, Cincinnati, Ohio.
- Hauck, Wm. J., tools, 306 South West blvd, Kansas City, Mo.
- Hauke, Geo., Co., wholesale hardware, Springfield, Ohio.
- Hauer, J. B., hydrant rods, 23 Richardson, Brooklyn, N. Y.
- Hauer & Mowere, architects, 3110 Columbia av, Philadelphia, & Lebanon, Pa.
- Haugh, J. G., & Co., baling presses, Bassom, Ohio.
- Haumerson, F. H., & Sons, brick, Racine, Wis.
- Hauenstein, Alfred G., Lbr. Co., 3050 Main, Buffalo, N. Y.
- Hauenstein & Co., linseed oil & cake mills, 39 Vincennes, Buffalo, N. Y.
- Haugh, T. M., tubular boilers, Mannington, W. Va.
- Haugaard, Henry E., architect, Hillside Bk. Bldg., Richmond Hill, N. Y.
- Haughton Elev. Co., 679 Spencer, Toledo, Ohio.
- Haughton Elev. & Mach. Co., Toledo, Ohio.
- Hauke Iron & Wire Works, fire escapes and iron stairs, 800 N. Albany av, Chicago, Ill. *See adv. index at end of book.*
- Haupt & Swerdlhoff, contractors, 5th & Locust, Philadelphia, Pa.
- Hauptman, A., cup strainers, 23 Leonard, New York.
- Hauptmann, Wm., arch'l iron, 410 E. 104th, New York.
- Haury Hardware Co., 470 Broadway, Cleveland, O.
- Hausburg, E. O., watchman's clocks, 45 Maiden la, New York.
- Hausen Const. Co., Caswell blk., Milwaukee, Wis.
- Hauser Bros. Fdry. Co., 1859 E. 28th, Minneapolis, Minn.
- Hauser, John, architect, 358 W. 125th, New York.
- Hauser, John, stone prod., 2333 Ridge av, Philadelphia, Pa.
- Hauser Lumber Co., Franklin, Minn.
- Hauser-Owen-Ames Co., contractors, Grand Rapids, Mich.
- Hauser Packing Co., 9th & Mateo, Los Angeles, Cal.
- Hauser Shade Cloth Co., Chicago Heights, Ill.
- Hauser-Stander Tank Co., wood tanks, 2116 Division, Cincinnati, Ohio.
- Hauser & Weil, advtg. nov., 142 5th av, New York.
- Hausle, Frank, architect, 81 E. 125th, New York.
- Hausleiter, Julius, & Co., glass stainers, 298 Fulton, Brooklyn, N. Y.
- Hausling, F. M., waterproofing materials, 170 Washington, Newark, N. J.
- Hausman & Wimmer Co., scrap iron & steel & rubber, 111 2d av, Pittsburgh, Pa.
- Hausmann & Dunn Co., surgical & dental instruments, 708 S. Clark, Chicago, Ill.
- Hausmann, Geo., & Sons, meat packers, 51st & Westminster av, Philadelphia, Pa.
- Hausmann Mfg. Co., binder attachments, Long Prairie, Minn.
- Hausmann, Otto, & Co., organs, 1208 Kinnikinnic, Milwaukee, Wis.
- Haut, Gustave, brick, Perham, Minn.
- Hauthaway, C. L., & Sons, polishes, 346 Congress, Boston, Mass.
- Havana Mfg. Co., machsts. & fdrs., Havana, Ill.
- Havana Metal Wheel Co., Havana, Ill.
- Havard, O. D., Co., coal meters, Scranton, Pa.
- Havell Mfg. Co., hdwe. mfrs., 284 Washington, Newark, N. J.
- Haven, H. M., & Crosby, Wm. W., architects, 40 Central, Boston, Mass.
- Haven & Hoyt, architects, 220 Devonshire, Boston, Mass.
- Haven Malleable Castings Co., Knowlton, Cincinnati, Ohio.
- Haven Mfg. Co., floor scrapers, Racine, Wis.
- Havens Bros. Mfg. & Supply Co., machsts., Denver, Colo.
- Havens, Fred A., & Co., contractors, 845 N. 19th, Phila., Pa.
- Havens, Harold A., cable grips, Syracuse, N. Y.
- Havens Oil Co., Washington, N. C.
- Haverford Coll., engng. school & coll., Haverford, Pa.
- Haverhill Box Board Co., Haverhill, Mass.
- Haverhill Construction Co., Haverhill, Mass.
- Haverhill Fire Appliance Co., Haverhill, Mass.
- Haverhill Tack Co., Haverhill, Mass.
- Haverhill Wood Heel Co., Haverhill, Mass.
- Haverly Bros., lumber mfrs., Gallupville, N. Y.
- Haverstick, Albert, & Son, paper bags, 11 S. Lititia, Phila., Pa.
- Haverstick & Co., mill, factory and steam fitters' supplies, 66 Exchange, Rochester, N. Y.
- Haverstick Construction Co., Noblesville, Ind.
- Haviland Clay Works, Haviland, O.
- Haviland, L. P., canned goods, Camden, N. Y.
- Haviland Lumber Co., 52 William, New York.
- Haviland Shade Roller Co., 407 Broome, New York.
- Havoline Oil Co., lubrg., 44 Whitehall, New York.
- Haw Creek Turpentine Co., Dupont, Fla.
- Haw Hardware Co., Ottumwa, Ia.
- Hawaii Preserving Co., Ltd., canned goods, Honolulu, Hawaii.
- Hawaiian Commercial Sugar Co., Alaska Commercial Bldg., San Francisco, Cal.
- Hawaiian Fertilizer Co., 244 California, San Francisco, Cal.
- Hawaiian Fertz Co., bone meal, Honolulu, Hawaii.
- Hawaiian Islands Packing Co., Ltd., Wahiawa, Hawaii.
- Hawaiian Pineapple Co., canned, Honolulu, Hawaii.
- Hawbolt, Chas. H., sheet metal doors, Portland, Me.
- Hawes & Dodd, mosaic floor, mantels, 59 E. Adams, Chicago, Ill.
- Hawes, E. A. J., lumber, Atkinson, N. C.
- Hawes, Edwin, heating contr., 726 Main, Worcester, Mass.
- Hawes, Forest E., machinery building, pattern & machine jobbing, 307 Atlantic av, Boston, Mass.
- Hawes, Henry F., architect, Urban Bldg., Louisville, Ky.
- Hawes, J., Mfg. Co., toys, games & nov., Towanda, Pa.
- Hawes, R. H., Const. Co., Witherspoon Bldg., Philadelphia, Pa.
- Hawes, S. H., & Co., masons' & builders' materials, 1801 E. Cary, Richmond, Va.
- Hawes, Willard, & Co., lumber, Lewis & 7th, New York.
- Hawesville Hub Mfg. Co., Hawesville, Ky.



- Hawgood Tire Equipment Co., rubber vulcanizers, Indianapolis, Ind.
- Hawk, A. J., Sons, cooperage stock, Rockford, O.
- Hawk-Eye Compound Co., boiler compounds, 357 W. 63d, Chicago, Ill.
- Hawk, J. W., architect, Security Bldg., Oklahoma City, Okla.
- Hawk, O. E., & Co., architects, 522 Williamson av, Youngstown, Ohio.
- Hawk, Otis E. & Co., contractors, Youngstown, Ohio.
- Hawken-Wollgast Co., metal parts, 184 Beaubien, Detroit, Mich.
- Hawkes Boiler Co., 140 S. Dearborn, Chicago, Ill.
- Hawkes, E. M., granite, Rochester, N. H.
- Hawkes-Jackson Co., thumb tacks, 38 Murray, New York.
- Hawkes, T. G., & Co., glass tumblers, Corning, N. Y.
- Hawkeye Carriage & Auto Co., Cedar Rapids, Ia.
- Hawkeye Condensed Milk Co., canned, Brighton, Ia.
- Hawkeye Fdry Co., machsts & fndrs., Waterloo, Ia.
- Hawkeye Lumber & Coal Co., masons' & bldrs.' matls., Cedar Rapids, Ia.
- Hawkeye Lumber Co., Oskaloosa, Ia.
- Hawkeye Mach. & Brass Wks., Des Moines, Ia.
- Hawkeye Mfg. Co., machy., Waterloo, Ia.
- Hawkeye Mfg. & Repair Co., automobiles, Sioux City, Ia.
- Hawkeye Oil Co., Waterloo, Ia.
- Hawkeye Pearl Button Co., Muscatine, Ia.
- Hawkeye Portland Cement Co., Des Moines, Ia.
- Hawkeye Pump Co., poultry coops, Fairfield, Ia.
- Hawkeye Supply Co., plumbers' supplies, jobbers, Mason City, Ia.
- Hawkeye Wrench Co., Marshalltown, Ia.
- Hawkins, Alfred W., & Son, glass stainers, 1823 S. 19th, Philadelphia, Pa.
- Hawkins & Barnett Mach. Co., Trinidad, Colo.
- Hawkins Bros., cornices, Elgin, Ill.
- Hawkins Co., tacks, animal traps, South Britain, Conn.
- Hawkins, Francis O., contractor, Brazil, Ind.
- Hawkins, Geo. A., sash, door & blind mfrs., 367 Fulton, B'klyn, N. Y.
- Hawkins, H. J., machsts. & fndrs., Downers Grove, Ill.
- Hawkins Hardware Co., Hattiesburg, Miss.
- Hawkins, O. J., architect, Newark, Ohio.
- Hawkins, Rollyn, hot air furnaces, Indianapolis, Ind.
- Hawkins, Wilson Co., machsts., 712 Sansom, Philadelphia, Pa.
- Hawkinson, Carl N., architect, 332 S. Michigan av, Chicago, Ill.
- Hawkrige Bros. Co., steel importers, 303 Congress, Boston, Mass.
- Hawks Hardware Co., Goshen, Ind.
- Hawks-Maupin Co., masons' & bldrs.' matls., Portsmouth, Va.
- Hawksbill Cannery, Luray, Va.
- Hawley & Cheadle Construction Co., Clinton, Ia.
- Hawley Down Draft Furnace Co., Easton, Pa.
- Hawley, E. J. & C. H., machsts. & fndrs. & stone working machy., Manchester, Vt.
- Hawley Glass Co., bottles, glass, Hawley, Pa.
- Hawley Hardware Co., Bridgeport, Conn.
- Hawley, Hughson, arch'l water colorists, 1 Union sq, New York.
- Hawley, John F., contractor, Hostetter Bldg., Pittsburgh, Pa.
- Hawley Mfg. Co., cork pullers, Stepney, Conn.
- Hawley Produce & Storage Co., masons' & bldrs.' matls., Perry, N. Y.
- Hawley Pulp & Paper Co., Oregon City, Ore.
- Hawley School of Engng., Boston, Mass.
- Hawley, T. & Co., whol. hdwe., machsts. tools & supplies (dealers), Bridgeport, Conn.
- Hawley, W. O., contractor, Savannah, Ga.
- Haws, A. J., & Sons (Ltd.), brick, saddle sleeves, etc., Johnstown, Pa.
- Haws, Dan'l B., glue mfrs., 30 N. 5th, Philadelphia, Pa.
- Haws, Geo. A., lubrg. oils, 142 Front, New York.
- Haws, Harvey, architect, Ardmore, Pa.
- Haws, Samuel R., & Sons, contractors, Ardmore, Pa.
- Haws, Wm., pkgg. box mfrs., 154 9th, Brooklyn, N. Y.
- Hawthorn Pottery Co., Hawthorn, Pa.
- Hawthorn, W. S., masons' & bldrs.' matls., Dayton, O.
- Hawthorne Hardware Co., Elgin, Ill.
- Hawthorne, Lewis Co., sash, door & blind mfrs., New Haven, Conn.
- Hawthorne Mfg. Co., elec. lamp flashlights & machsts., Spruce & Howard, Bridgeport, Conn.
- Hawthorne Paper Co., Kalamazoo, Mich.
- Haxby & Gillespie, architects, Fargo, N. D.
- Hay, Alex., architect, 127 Carondelet, New Orleans, La.
- Hay-Budden Mfg. Co., anvils, forgings, rings, etc., 254 N. Henry, Brooklyn, N. Y.
- Hay Fndry. & Iron Wks., Plum Loint la, Newark, N. J.
- Hay Hdwe. Co., Oskosh, Wis.
- Hay, Houston Axle Co., Coshocton, Ohio.
- Hay, Jas. P., Lbr. Co., Murray, Ky.
- Hay, John, granite prod., Hardwick, Vt.
- Hay Lbr. Co., Spring Grove av & June, Cincinnati, Ohio.
- Hay, Mark, architect, Annawan, Ill.
- Hay & Peabody Casket Co., Portland, Me.
- Hay, Thos., & Sons Co., contractors, Racine, Wis.
- Hay Tool Mfg. Co., alfalfa stackers, Council Bluffs, Iowa.
- Hay Trade Journal Publishing Co., Canajoharie, N. Y.
- Hay, Wm. A., contractor, Orange, N. J.
- Hayde, S. J., Const. Co., contrs., Rialto Bldg., Kansas City, Mo.
- Hayden, A. W., contractor, Albuquerque, N. M.
- Hayden Automatic Block Mach. Co., Columbus, Ohio.
- Hayden Bros., lbr., Hollis, N. H.
- Hayden Co., interior hardwood work, 520 5th av, New York.
- Hayden-Corbett Chain Co., Columbus, Ohio.
- See adv index at end of book.*
- Hayden & Derby Mfg. Co., heaters, injectors, etc., 119 W. 40th, New York.
- Hayden, G. W., brass castings, Cambridge, Mass.
- Hayden, Geo. D., Mach. Co., Alton, Ill.
- Hayden Hardware Co., Windsor, Mo.
- Hayden, J. M., Co., mill & facty. supplies, Grand Rapids, Mich.
- Hayden, L. S., machsts. & fndrs., Essex, Conn.
- Hayden, P., Saddlery Hdwe. Co., machsts. & fndrs., Long & Scioto, Columbus, Ohio.
- Hayden, Samuel H., shoe patterns, Haverhill, Mass.
- Hayden, W. B., & Sons Co., masons' & bldrs.' matls., Cassopolis, Mich.
- Hayden & Westcott Lbr. Co., 80 E. Jackson bldg., Chicago, Ill.
- Hayden, Wm., Milling Co., wheat flour, Tecumseh, Mich.
- Haydenville Button Co., Haydenville, Mass.
- Haydenville Co., cocks, faucets, pumps, valves, etc., machsts. & fndrs., Haydenville, Mass.
- Haydon, A. & M., bolts, 304 N. 22d, Philadelphia, Pa.
- Hayek, Andrew A., architect, Edgewater, N. J.
- Hayes, A. L., Co., lumber, Nashville, Tenn.
- Hayes, A. W., masons' & bldrs.' matls., Joliet, Ill.
- Hayes, C. H., Corporation, packing box, Haverhill, Mass.
- Hayes, Chas. A., architect, Terminal Sta., Mobile, Ala.
- Hayes Constr. Co., Dunkirk, Ind.
- Hayes-Diefenderfer Co., truck units, 237 W. 55th, New York.
- Hayes Duster Co., 5 W. 4th, New York.
- Hayes, E. B., Mach. Co., Oshkosh, Wis.
- Hayes, E. L. S., bldg. contr., 1019 Chestnut, St. Louis, Mo.
- Hayes, F. H., canned goods, Dexter, Me.
- Hayes File Co., 474 Franklin, Detroit, Mich.
- Hayes, Geo. Co., cornices, metal lath, 71 8th av, New York.
- Hayes-Ionia Co., auto. metal bodies, Ionia, Mich.
- Hayes, J. L., & Co., masons' & bldrs.' matls., Lewiston, Me.
- Hayes, John, heating contr., 806 N. 14th, St. Louis, Mo.
- Hayes, Jos. A., escutcheons, 284 Devonshire, Boston, Mass.
- Hayes Loom, Reed & Harness Co., Woonsocket, R. I.
- Hayes-Lucas Lbr. Co., Winona, Minn.
- Hayes & McFerrin, flour mills, Readyville, Tenn.
- Hayes Mfg. Co., fenders, forgings, mufflers, auto, Detroit, Mich.
- Hayes Mfg. Co., range boilers, Paterson, N. J.
- Hayes & Miller Co., auto. wood bodies, 518 W. 57th, New York.
- Hayes, Norman B., contractor, Watertown, N. Y.
- Hayes, Paul J., architect, Austin, Minn.
- Hayes Pump & Planter Co., Galva, Ill.
- Hayes, R. L. & M. H., carriages, 203 E. Town, Columbus, & Cleveland, Ohio.
- Hayes Run Fire Brick Co., Orviston, Pa.
- Hayes Track Appliance Co., machsts., Richmond, Ind.
- Hayes Wheel Co., Jackson, Mich.
- Hayes, Wm. W., contractors, 180 Jessie, San Francisco, Cal.
- Hayman, Jos. C., masons' & bldrs.' matls., Racine, Ohio.
- Hayman, Mich'l. & Co., tin, spelter, ingots, etc., Buffalo, N. Y.
- Hayman & Stegkamper, contractors, 3250 Euclid av, Cleveland, Ohio.
- Haymond & Howard, contractors, Waldron, Ind.
- Hayner Dist. Co., Dayton, Ohio.
- Hayner Dist. Co., 305 S. 7th, St. Louis, Mo.
- Hayner, Geo. M., paper twine, 541 W. 56th, New York.
- Hayner, J. M., & Co., canned goods, South Lebanon, Ohio.
- Hayner, Norman C. Co., boiler compounds, Rochester, N. Y.
- Haynes, A. F., architect, Watertown, Mass.
- Haynes Auto. Co., Kokomo, Ind.
- Haynes Bros. Co., sashes, doors & blinds, Cadillac, Mich.
- Haynes & Chalmers Co., whol. hdwe., Bangor, Me.
- Haynes, Chas., architect, Mehlnhorn Bldg., Seattle, Wash.
- Haynes & Co., numbering machs., steel stamps, etc., 75 Westminster, Providence, R. I.
- Haynes Construction Co., 42 Court, Boston, Mass.
- Haynes, Geo. E., architect, Miller Bldg., Pittsfield, Mass.
- Haynes Hardware Co., Emporia, Kans.
- Haynes, L., architect, 83 Fairfield av, Bridgeport, Conn.
- Haynes-Langenberg Mfg. Co., htg. contrs., 4045-57 Forest Park blvd, St. Louis, Mo.
- Haynes Lumber Co., Port Huron, Mich.
- Haynes Mach. Co., Vanburen, Ind.
- Haynes Mattress Factory, Sealy, Tex.
- Haynes Stellite Co., stellite, Kokomo, Ind.
- Haynes-Thompson Co., plumbers' supplies, jobbers, 2107 Vine, Philadelphia, Pa.
- Hays, Alden F., masons' & bldrs.' matls., Sewickley, Pa.
- Hays, E. F., & Sons, whol. hdwe., Chicora, Pa.
- Hays, Frank A., architect, Weightman Bldg., Phila., Pa.
- Hays, G. W., & Son, cornices, Washington, Pa.
- Hays, Geo. W., ladders, 288 5th, Milwaukee, Wis.
- Hays & Hoadley, architects, 2010 B'way, New York.
- Hays, L., harness, Wichita, Kans.
- Hays Mfg. Co., brass & iron products for plumbing, gas, water & steam, Erie, Pa.
- Hays & Murdaugh, turpentine, Hays, Fla.
- Hays, N. R., turpentine, Apalachicola, Fla.
- Hays, O. G., lumber, Kell, Ill.
- Hay's, Sam'l W., Sons, machy. dlrs., Keeman Bldg., Pittsb'h, Pa.



- Hays, Wm. C., architect, First Nat. Bk. Bldg., San Fran., Cal.  
Haysen Mfg. Co., bakers' machinery, Sheboygan, Wis.  
Haysler Iron Co., whol. hdwe., 1206 Union, Kansas City, Mo.  
Haysler Mfg. Co., machsts., Clinton, Mo.  
Hayslip & Dear, lumber, Alexandria, La.  
Hayt, S. T. (Est. of), flour mills, Corning, N. Y.  
Hayton Pump Co., machsts. & fndrs., Quincy, Ill.  
Hayward Co. (The), digging, ditching, dredging & excavating machinery, etc., 50 Church, New York.  
*See adv index at end of book.*  
Hayward, G. B., starch mfrs., Ashland, Me.  
Hayward, S. F., & Co., fire extinguishers, mine rescue app., etc., 250 W. 54th, New York.  
Hayward Wrench Co., St. Louis, Mo.  
Haywood Implement Co., Indianapolis, Ind.  
Haywood Tire & Equipment Co., machsts., Indianapolis, Ind.  
Haywood, Wm. T., architect, Mt. Gilead, N. C.  
Hazard Lead Wks., paint mfrs., Hazardville, Conn.  
Hazard Mfg. Co., insulated wires & cables, Wilkes-Barre, Pa.  
Hazel Atlas Glass Co., Conservative Life Bldg., Wheeling, W. Va.  
Hazel Brick & Tile Co., Hazel, Ky.  
Hazel Dell Slate Co., roofing slate mfrs., Slatington, Pa.  
Hazel Hill Canning Co., Fredericksburg, Va.  
Hazel Mill Co., lbr. mfrs., Bellingham, Wash.  
Hazell, A. M., dock bldrs., 26 Cortlandt, New York.  
Hazen-Brown Co., metal polish, 100 South, Boston, Mass.  
Hazen-Brown Co., rubber goods, Brockton, Mass.  
Hazen, H. C., Contr. Co., 2070 Reading rd., Cincinnati, Ohio.  
Hazen Mfg. Co., machsts. & fndrs., Hudson, Mich.  
Hazen, Wyane S., agricultural implements, Ripon, Wis.  
Hazledine, E. T., Co., machsts., Terre Haute, Ind.  
Hazlehurst Lbr. Co., Hazlehurst, Miss.  
Hazlehurst Mach. Shop, Hazlehurst, Miss.  
Hazlehurst Oil Mill & Fertilizer Co., Hazlehurst, Miss.  
Hazleton Hardware Co., Hazleton, Pa.  
Hazleton Iron Wks. Co., machsts. & fndrs., Hazleton, Pa.  
Hazleton Machy. & Supply Co., contractors' tools & supplies, Hazleton, Pa.  
Hazleton Mfg. Co., coffins, Hazleton, Pa.  
Hazleton Steam Htg. Co., Hazleton, Pa.  
Hazlett, Wm. C., architect, 1133 B'way, New York.  
Hazzard, Elliott W., architect, 437 5th av, New York.  
H. & B. Am. Mach. Co., Pawtucket, R. I.  
H. B. Cement Co., Louisville, Ky.  
H. C. Tack Co., Cleveland, Ohio.  
Heacock & Hokanson, architects, Bailey Bldg., Philadelphia, Pa.  
Head Lumber Co., Prescott, Ariz.  
Head & Parker, distillers, Gethsemane, Ky.  
Head, W. F., & Son, lbr., Hookset, N. H.  
Head, W. H., Distillery Co., Raywick, Ky.  
Headfort Bros. & Hitchens Fdry. Co., Waterloo, Ia.  
Headland Fertilizer Works, Headland, Ala.  
Headley & Adams, sash, door & blind mfrs., Ocean City, N. J.  
Headley & Farmer Co., trav. bags & suit cases, Harrison, N. J.  
Headley Good Roads Co., 301 S. 30th, Philadelphia, Pa.  
Headley, Samuel H., contractor, Atlantic City, N. J.  
Headlund & Kent, architects, Dooly Bldg., Salt Lake City, Utah.  
Headman, Aug. G., architect, New Call Bldg., San Fran., Cal.  
Headrick, F. E., common brick, Bellingham, Wash.  
Readsboro Chair Co., school & church furniture, Readsboro, Vt.  
Heald, Addison & Son, planes, tools, Milford, N. H.  
Heald, Jno. H., & Co., tanning & bark extracts, Lynchburg, Va.  
Heald Machine Co., surface internal cylinder & ring grinders, magnetic chucks, New Bond, Worcester, Mass.  
Heald's School of Engineering, 130 Union sq, San Francisco.  
Heale, J. A. & Co., typewriter ribbons, oils, rubber stamp inks, etc., 96 John, New York.  
Healey & Co., stor. battery trucks & carriages, 1652-58 Broadway, New York.  
Healey, J. H., contractor, Pawtucket, R. I.  
Healey, Peter, fndrs., Evansville, Ind.  
Health Hog Oiler Co., Kenton, Ohio.  
Health Merry-Go-Round Co., carousels, organs, etc., Quincy, Ill.  
Healy, Geo., machst., 11 Alling, Newark, N. J.  
Healy, Henry J., architect, 320 5th av, New York.  
Healy, John E. & Son, 707 Tatnall, Wilmington, Del.  
Healy, Michael, boilers, Toledo, Ohio.  
Healy-Tibbitts Constr. Co., 9 Main, San Francisco, Cal.  
Healy, Wm. F., contractor, 82 W. Washington, Chicago, Ill.  
Healy's, S. A., Sons, wood handles, West Chesterfield, Mass.  
Heames, W. E. & Co., masons' & bldrs.' matls., Detroit, Mich.  
Heaney Mfg. Co., metal polish, 164 State, Boston, Mass.  
Heaney, Nicholas L., stone producers, Point Pleasant, Pa.  
Heaney, P. J. Co., masons' & bldrs.' malts, West Farms rd & 172d, New York.  
Heap, Thos., masons' & bldrs.' matls., Urbana, Ohio.  
Heap, Wm., & Sons, plumbers' woodwork, Grand Haven, Mich.  
Heaphy, Wm. A., masons' & bldrs.' matls., Lee, Mass.  
Heaps, Clarence E., contractor, Moline, Ill.  
Heaps, S. Leroy, architect, Kewanee, Ill.  
Heapy, Wm., architect, 288 Hawthorne av, Yonkers, N. Y.  
Heard Bros., fertilizer, Macon, Ga.  
Heard & Cardwell, architects, Peoples Nat'l Bk. Bldg., Lynchburg, Va.  
Heard, Cardwell & Craighill, architects, Danville, Va.  
Heard Co. Oil & Fertilizer Co., Franklin, Ga.  
Heard, J. P., & Sons Co., fertilizer, Vienna, Ga.  
Heard Lumber Co., Savannah, Ga.  
Hearne-Bocian, mill engineers, Springfield, Mass.  
Hearn, J. C., mach. wks., 115 Vine, Columbus, Ohio.  
Hearn, John J., Constr. Co., 65 W. 46th, New York.  
Hearne Bros. & Co., coffins, Whitakers, N. C.  
Hearne, Robt. J., perforating machs., 12 Wooster, New York.  
Hearne Timber Co., Times Bldg., St. Louis, Mo.  
Hearsch-Wesson Mfg. Co., lbr., Flint, Mich.  
Hearsey-Willis Co., automobile accessories (jobbers), 339 N. Capitol, Indianapolis, Ind.  
Heartick, E. G., cornices, 915 E. B'way, Louisville, Ky.  
Heartley Machine, Variety, Iron & Tool Wks., 960 Summit, Toledo, Ohio.  
Heath Chemical Co., fertilizer mfrs., Yonkers, N. Y.  
Heath & Cove, architects, Nat'l Realty Bldg., Tacoma, Wash.  
Heath, Edmund F., & Son, rubber & enamel carriage cloth, 225 Warren, Newark, N. J.  
Heath Fdry. & Mfg. Co., Post Mauls, Plymouth, Ohio.  
Heath, Geo. W., & Co., fountain pen mfrs., 208 1st, Newark.  
Heath Hardware Co., Monroe, N. C.  
Heath-Johnson Co., ornamental iron workers, 300 W. Ontario, Chicago, Ill.  
Heath & Milligan Mfg. Co., mfrs. paints & waterproofing matls., 1833 Seward, Chicago, Ill.  
Heath, Robt., machst, Binghamton, N. Y.  
Heath Samuel Co., masons' & bldrs.' matls., Trenton, N. J.  
Heath Siren Mfg. Co., elec'l horns, San Francisco, Cal.  
Heath Stove & Heating Co., 207 Park av, Baltimore, Md.  
Heath, W. A., Mach. Co., Lestershire, N. Y.  
Heath, Wm. G., & Co., heating contrs., 60 Friendship, Providence, R. I.  
Heathcock-Rush Mach. Co., Jackson, Tenn.  
Heathcote, John, & Son, 212 Eddy, Providence, R. I.  
Heathcote, S. E., & Co., flannels, blankets, woolens, Glen Rock, Pa.  
Heather, R. G., Co., elec. & gas light fixtures, 19 W. 36th, New York.  
Heatherman, Patrick, stone producer, Urbana, O.  
Hgt. & Ventg. Magazine, 1123 B'way, New York.  
Heaton, Arthur B., architect, Wilkins Bldg., Washington, D. C.  
Heaton, Butler & Bayne (Ltd.), glass stainers, 437 5th av, New York.  
Heaton & Ellison, contractors, 1818 4th av, S. Minneapolis, Minn.  
Heaton, J. M., common brick, Manchester, Ill.  
Heaton, Jno., architect, Xenia, Ohio.  
Heaton Mfg. Co., shoe buttons, 77 Cromwell, Providence, R. I.  
Heaton Peninsular Button Fastener Co., 65 Shirley, Boston.  
Heaton & Senft, harness, saddles, etc., Waco, Ga.  
Heaton & Vierling, trunk mfrs., 21 W. 3d, New York.  
Heaton & Wood, parquet floors, weather strips, etc., 1802 Chestnut, Philadelphia, Pa.  
Heatwole, J. S., & Co., architects, Harrisonburg, Va.  
Heavner, Frank R., contractor, Norristown, Pa.  
Heavner, R. A., architect, Jackson, Tenn.  
Heavy Hardware Co., Toledo, Ohio.  
Hebard, Chas., & Sons, lumber, Pequaming, Mich.  
Hebard-Cypress Co., lbr. mfrs., Scranton, Pa.  
Hebb, Geo. A., machsts., 70 William, Newark, N. J.  
Hebbard & Wenz, archl. iron, 240 N. 10th, Brooklyn, N. Y.  
Hebbard, Will Sterling, architect, Grant Bldg., San Diego, Cal.  
Hebendahl, J. P., Co., clamps & insulators, Elizabeth, N. J.  
Hebert Mfg. Co., piston rings, Franklin, N. H.  
Hebing, Henry, & Sons, who. hdwe., 107 North, Rochester, N. Y.  
Hebrew Tech. Inst., engng. schools & coll., New York.  
Hebron Fire & Pressed Brick Co., Hebron, N. Dak.  
Hebron Mfg. Co., cotton sheetings, 21 S. Main, Providence, R. I.  
Hechler, V., Packing & Commission Co., meat packers, Richmond, Va.  
Hecht, Albert S., architect, 154 W. Randolph, Chicago, Ill.  
Hecht, Jere M., brass fndr., 320 W. Grand av, Chicago, Ill.  
Heck, A. B., canned goods, Buchanan, Va.  
Heck, G. J., machst., St. Paul, Minn.  
Heck, J. E., carriages, Youngstown, Ohio.  
Heck Motor Car Co., Hamilton, Ohio.  
Heck, Wm., harness, saddles, California, Mo.  
Heckard, M., & Sons, common brick, Canton, Ill.  
Heckart, W. O., contractor, Eugene, Ore.  
Heckenbauer, C. F., carriages, Muncie, Ind.  
Heckenlively, J. L., architect, Landers Bldg., St. Louis, Mo.  
Hecker Cereal Co., Produce Exch. Bldg., New York.  
Hecker-Jones-Jewell Milling Co., farina, 207 Produce Exch. Bldg., New York.  
Heckert, Sidney F., architect, Bessemer Bldg., Pittsburgh, Pa.  
Heckethorn, W. N., machsts, Washington, Iowa.  
Heckler, Chas. J., contractor, 3001 N. Craskey, Phila., Pa.  
Heckler, Leidy B., contractor, Ambler, Pa.  
Heckman & Co., soap, Covington, Ky.  
Heckman, H. R., & Co., architects, 1604 Mineral Springs rd, Reading, Pa.  
Hecla Iron Works, ornamental iron & bronze, bank fixtures, etc., 118 W. 11th, Brooklyn, N. Y.  
Hedden Constr. Co., 52 Vanderbilt av, New York.  
Hedden, E. J., contractor, 14 S. Broad, Philadelphia, Pa.  
Hedden Iron Const. Co., Lyons Farms, Newark, N. J.  
Heddles Lumber Co., Madison, Wis.



- Heddon, Jas., & Son, fishing rods, Dowagiac, Mich.  
Hedenberg, Chas. L., machinist, Madison, Ga.  
Hedgecock Brick Co., Walnut Cove, N. C.  
Hedgecock, R. W., brick, Winston-Salem, N. C.  
Hedges-Atkins Supply Co., plumbers' supplies, Denver, Colo.  
Hedges & Bro., brass fndrs., 10 R. R. pl., Newark, N. J.  
Hedges, C. E., mach. & fdr., Lincoln, Neb.  
Hedges Construction Co., Springfield, Mo.  
Hedges, Geo. L., contractors, 335 Norton, New Haven, Conn.  
Hedges, Sam'l P., machsts, Greenport, N. Y.  
Hedman, Axel S., architect, 106 E. 19th, New York, & 371 Fulton, Brooklyn, N. Y.  
Hedman Mfg. Co., check protectors, 227 W. Erie, Chicago, Ill.  
Heebner, Geo. K., contractor, 1231 Vine, Philadelphia, Pa.  
Heebner & Sons, agricultural implements, Lansdale, Pa.  
Heekin Can Co., 6th, New & Culvert, Cincinnati, Ohio.  
Heer Bros., hgt. contrs., 218 W. Fayette, Baltimore, Md.  
Heer Engine Co., Portsmouth, Ohio.  
Heer, Frid. J., Jr., architect, 235 8th, Dubuque, Ia.  
Heer, L. L., machsts & fndrs., North Yakima, Wash.  
Heers, C. A., architect, New Ulm, Minn.  
Heeroy Mach. & Battery Wks., 918 W. 43d, Chicago, Ill.  
Hees, MacFarlane Co., window shade mfrs., 957 Hubbard, Detroit, Mich.  
Heeson Bros. Co., agricultural implements, Tecumseh, Mich.  
Heeter, C. M., Sons & Co., machinists, Butler, Pa.  
Hefflinger Co., masons' & bldrs.' matls., Hampton, Va.  
Heffernan Engine Wks., Seattle, Wash.  
Heffernan, Jas. P., Paper Co., 25 Water, New York.  
Heffernan & Mattanovich, architects, Hewes Bldg., San Francisco, Cal.  
Heffley Inst. Engng. Schools & Coll., Brooklyn, N. Y.  
Heffner, Dietrich & Co., masons' & bldrs.' matls., Kutztown, Pa.  
Heffner Lbr. & Coal Co., Elwood, Ind.  
Heffron Trenching Co., sewer excavating machs., Cleveland, O.  
Heflin, E. G., contractor, Fredericksburg, Va.  
Hefman, John, Co., office wardrobes, Rochester, N. Y.  
Hefner, O. V., cornices & skylights, Bluefield, W. Va.  
Hegan Co., wood mantels, Louisville, Ky.  
Hege & Co., masons' & bldrs.' matls., Columbus, Ind.  
Hegeler Zinc Co., Danville, Ill.  
Hegener, Rudolph, Co., sash, door & blinds mfrs., 9246 Harbor av., Chicago, Ill.  
Hegewald, Chas., Co., mchsts & fdrs., New Albany, Ind.  
Heggie, Jas. G., & Sons, cylinders, ladles, tanks, etc., Joliet, Ill.  
Heggie, Wm., steel plate wks., Joliet, Ill.  
Heginbottom, S. H., & Sons, locomotive bell ringers, Saginaw, Mich.  
Hegner Const. Co., contrs., Appleton, Wis.  
Hehnke, O. J., architect, Scottsbluff, Nebr.  
Heibel, P., & Sons, packing box mfrs., 1452 S. 2d., St. Louis.  
Heidbreder Bros. & Co., plate glass, Quincy, Ill.  
Heide, A. F., architect, Russ Bldg., San Francisco, Cal.  
Heidecker Brick Co., Brecon, Ohio.  
Heidelberg Lumber Co., sash, doors, blinds, Danville, Va.  
Heidelberg & Levy, architects, 345 5th av., New York.  
Heidelberg, Max G., architect, 15 W. 38th, New York.  
Heidemeier Art Glass Wks., 4613 N. Clark, Chicago, Ill.  
Heidemann Lbr. Co., masons' & bldrs.' matls., Quincy, Ill.  
Heidenkamp Plate Glass Co., Springdale, Pa.  
Heider Mfg. Co., engines, Carroll, Ia.  
Heidig, Jno. B., stone producers, Lancaster, Pa.  
Heidinger, Frank, machsts, Fairfield, Ill.  
Heidrich, Chas. A., architect, 11 Woodlawn av., Albany, N. Y., & 423 State, Schenectady, N. Y.  
Heidt, C., & Son, cooperage stock, 64 Fairmount, Jersey City, N. J.  
Heidt, W., Cornice Works, 152 1st, San Francisco, Cal.  
Heierman, Frank, & Bro., machs. & fdrs., Austin, Tex.  
Heights Plumbing Supply Co., 495 W. 145th, New York.  
Heikes, E. K., flannels, woolens, York Springs, Pa.  
Heil Co., steel tanks, 26th & Montana, Milwaukee, Wis.  
Heil, Henry, Chemical Co., chemicals, St. Louis, Mo.  
Heil, John C., cornices, 1204 N. Gay, Baltimore, Md.  
Heil Packing Co., meat, 2216 La Salle, St. Louis, Mo.  
Heil, Valentine, contractor, Lima, O.  
Heiland, Geo. W., mercury testing columns, 140 W. 35th, New York.  
Heiling, Tom B., mach. & fdr., Lampasas, Tex.  
Heilman Boiler Works, steel tanks & stacks, Allentown, Pa.  
Heilman Machine Wks., Evansville, Ind.  
Heim Bros., brick, Dubuque, Iowa.  
Heim Cement Products Co., brick, North Liberty, Ind.  
Heim, L. J., & Co., tin plate, Park Bldg., Pittsburgh, Pa.  
Heim Mach. Co., Danbury, Conn.  
Heim, R. F., architect, Corby-Forsee Bldg., St. Joseph, Mo.  
Heiman & Schwartz, architects, Nevada Bk. Bldg., San Francisco, Cal.  
Heimann, Morris A., Mfg. Co., window fixtures, 1122 Washington av., St. Louis, Mo.  
Heimbach Lbr. Co., Duluth, Minn.  
Heimbach Rubber Heel Co., Duluth, Minn.  
Heimbürger, G. U., architect, Merchants-Laclede Bldg., St. Louis, Mo.  
Heimerdinger, W. C., safety razors & shears, Louisville, Ky.  
Heimlich, John, stone prod., LeRoy, N. Y.  
Hein Furniture Co., Toledo, Ohio.  
Hein, John, Co., lumber, Tony, Wis.  
Heine (The) Chimney Co., 123 W. Madison, Chicago, Ill.  
Heine & Co., oils, 7 Platt, New York.  
Heine, Jno. F., & Son, cornices & skylights, Hooper, Neb.  
Heine Safety Boiler Co., 2449 E. Marcus av., St. Louis, Mo.  
Heinecke Bros. Co., contractors, Lumbermen's Bldg., Portland, Ore.  
Heineke & Co., agric. implement mfrs., Springfield, Ill.  
Heineman, Arthur S., architect, San Fernando Bldg., Los Angeles, Cal.  
Heineman, O., Co., silk thread, 2701 Armitage av., Chicago, Ill.  
Heinemann Chemical Co., wood alcohol, Olean, N. Y.  
Heinemann, Geo., fuse blocks, clamps, switches, etc., 500 W. Girard av., Philadelphia, Pa.  
Heinemann, Louis, & Son, machsts, 1801 Belmont av., Chicago, Ill.  
Heinfeldt Mfg. Co., sashes, doors, blinds, New Berlin, Ohio.  
Heinhart, Jno., & Son, stone producers, Massillon, Ohio.  
Heinicke, H. R., Inc., chimneys, 1147 4th av., New York.  
Heinigke & Smith, glass mosaic wks., 24 E. 13th, New York.  
Heinisch, Geo. H., brick, Portsmouth, Ohio.  
Heinisch, R., Sons' Wks., snips, Newark, N. J.  
Heinke, Chas. A., contractor, 160 W. Sharpnack Gtn., Phila., Pa.  
Heinlein, Fred'k., architect, 311½ S. Spring, Los Angeles, Cal.  
Heinlein, John, Cut Stone Co., 555 President, Brooklyn, N. Y.  
Heinman, John, contractor, St. Cloud, Minn.  
Heinman & Stern, meat packers, 1040 McAllister, San Francisco, Cal.  
Heinn Co., loose leaf devices, 354 Florida, Milwaukee, Wis.  
Heinrich Technical Laboratories, testing, Tacoma, Wash.  
Heins, Alex., Belting Co., 2441 Harrison, San Francisco, Cal.  
Heins, Daniel, mach. & fdr., Carrollton, Mo.  
Heins, W. F., mach. & fdr., Carrollton, Mo.  
Heins, Wm. R., & Co., contractors, 1713 Moravian, Phila., Pa.  
Heinskill, John, soap, Appleton, Wis.  
Heintz, Reid & Adler, architects, Candler Bldg., Atlanta, Ga.  
Heintz, W. H., cornices, New Rochelle, N. Y.  
Heintzelman-Earle-Wickeren Co., machinists, Los Angeles, Cal.  
Heinz, C., Stove Co., 100 N. 2d., St. Louis, Mo.  
Heinz, H. J., Co., canned goods, Pittsburgh, Pa.  
Heinz, Lorenz H., architect, 128 N. LaSalle, Chicago, Ill.  
Heinz & Munschauer, bird & animal cages; refrigerators, etc., Buffalo, N. Y.  
Heinze Elec. Co., Lowell, Mass.  
Heinze, John O., Co., automobile engine starters & lighting systems, Springfield, Ohio.  
Heinzelman Bros. Carriage Co., Belleville, Ill.  
Heinzmann, G. W., & Son, contractors, Lemcke Bldg., Indianapolis, Ind.  
Heipershausen Bros., marine & tubular boilers, 72 Mangin, New York.  
Heise & Bruns Mill & Lbr. Co., 600 S. Caroline, Baltimore, Md.  
Heise, Wm. F., Mfg. Co., mail boxes, 355 Union pk. ct., Chicago, Ill.  
Heisel, C., feed, flour, Plattsmouth, Neb.  
Heiser, H. J., & Co., who. hdwe., Mahanoy City, Pa.  
Heiser, J. B., handles (hammer), Atwater, Ohio.  
Heiser, Jno., & Son, masons' & bldrs.' matls., Sidney, Ohio.  
Heiser, Wm., & Sons Co., machsts, Buffalo, N. Y.  
Heisey, A. H., & Co., glassware, Newark, Ohio.  
Heishell, Jas. M., R. R. ties, Galveston, Tex.  
Heisler Locomotive Wks., Erie, Pa.  
Heissler Storage Battery Co., 1436 S. Michigan av., Chicago, Ill.  
Heist, Harry H., contractor, 65th & Limekiln pk., Phila., Pa.  
Heitger, Julius, brick common, Bedford, Ind.  
Heitland Grate & Mantel Co., fireplace heaters, heat deflectors, 120½ W. 5th, Quincy, Ill.  
Heitmann, F. W., Co., mill & facty. supplies, who. hdwe., Houston, Tex.  
Heitmann Lbr. Co., cash, door & blind mfrs., 5852 S. Ashland av., Chicago, Ill.  
Heitz, Louis R., mach. & fdr., Muscatine, Ia.  
Hektograph Mfg. & Dup. Co., 46 Murray, New York.  
Helander Fixture Mfg. Co., 2412 Milwaukee av., Chicago, Ill.  
Helb, Edw., levels, Railroad, Pa.  
Helbock, C., contractor, 633 Wales av., New York.  
Helbostad, H. K., architect, Kellogg, Idaho.  
Held, A., ivory nuts, crude rubber, 11 William, New York.  
Held, Albert, architect, Realty Bldg., Spokane, Wash.  
Helder, Arthur H., landscape arch., Kansas City, Mo.  
Helderberg Cement Co., Albany, N. Y.  
Heldmyer Hardware Co., Elyria, Ohio.  
Helena Hardware Co., Helena, Mont.  
Helena Job Wks., cornices & skylights, Helena, Ark.  
Helena Tin & Plumbing Co., Helena, Ark.  
Helfensteller, Hirsch & Watson, architects, Chemical Bldg., St. Louis, Mo.  
Helfrich Lbr. & Mfg. Co., Evansville, Ind.  
Helfrich, N. J., & Co., masons' & bldrs.' matls., Carthage, Ill.  
Helfrich Pottery Co., Evansville, Ind.  
Helgason Bros., contractors, Vicksburg, Miss.  
Helick Chauncey G., architect, 1910 Spring Garden, Phila., Pa.  
Hell Gate Sheet Metal Wks., 236 E. 95th, New York.  
Hellbron, Fred A., cornices & skylights, San Diego, Cal.  
Hellenberg, J. B., Co., turned wood novelties, Coldwater, Mich.  
Heller-Aller Co., agricultural implements & machsts, Napoleon, Ohio.



- Heller, B., & Co., writing inks, 3925 Calumet av, Chicago, Ill.  
Heller & Brightly, mfrs. engineering & surveying instruments, 1122 Spring Garden, Philadelphia, Pa.  
Heller Bros. Co., iron rolling mills, files & rasps, 879 Mt. Prospect av, Newark, N. J.  
Heller Bros. Co., contractors, Youngstown, Ohio.  
Heller, C. B., elec. fix. mfrs., 622 Arch, Philadelphia, Pa.  
Heller, C., Sons, sashes, doors & blinds, 49 Cambridge av, Jersey City, N. J.  
Heller, H. F., architect, Fond du Lac, Wis.  
Heller, Jos. S., potash, ammoniates, phosphate rock, etc., 62 William, New York.  
Heller & Merz Co., color mfrs., 503 Hudson, New York.  
Heller, S., machsts, 250 Milwaukee, Wis.  
Heller, Sam'l, trunk mfrs., 315 N. 2d, Philadelphia, Pa.  
Heller, W. C., & Co., hardware, shelf boxes, Montpelier, Ohio.  
Hellman Bros., brick, Tiffin, Ohio.  
Hellman Dist. Co., 508 N. 2d, St. Louis, Mo.  
Hellmann Lumber & Mfg. Co., Covington, Ky.  
Hellmer, M., sweaters, cardigans, etc., 311 Poplar, Phila., Pa.  
Hellmer, R. M., lumber, Dossman, La.  
Hellminger Bros., machsts. & fdrs., Adell, Wis.  
Hellmuth, Chas., printing inks, 154 W. 18th, New York.  
Hellmuth & Hellmuth, architects, Chemical Bldg., St. Louis, Mo.  
Hellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.  
Hellos Mfg. Co., storage batteries, lamps, etc., Garden av bridge, Philadelphia, Pa.  
Helm Brick Machine Co., Traverse City, Mich.  
Helm, S. D., Mfg. Co., fountains, stock, Crawfordsville, Ind.  
Helm, Wm. E., architect, Corona, N. Y.  
Helman, D. L., lumber mfrs., Warren, Ohio.  
Helmbacher Forge & Rolling Mills Co., crankshafts, Syndicate Trust Bldg., St. Louis, Mo.  
Helmbold, Fritz, meat packers, Troy, N. Y.  
Helme & McIlhenny, machsts, 1339 Cherry, Philadelphia, Pa.  
Helmer, Robert, architect, 286 5th av, New York.  
Helmerich, W. H., & Co., glass stainers, 719 Fulton, Chicago, Ill.  
Helmera, Jno. G., architect, 814 Union, West Hoboken, N. J.  
Helmerick Fdry. & Machine Co., Fairmont, W. Va.  
Helming, Wm., brick, Ferdinand, Ind.  
Helmlie & Corbett, architects, 190 Montague, Brooklyn, N. Y.  
Helmlie & Helmlie, architects, Ferguson Bldg., Springfield, Ill.  
Helmold, J. F., & Bro., machsts., 1462 Hamburg, Chicago, Ill.  
Helmrich, Geo., cornices, New Rochelle, N. Y.  
Helms Butler Co., bldg. contrs., Portland, Me.  
Helm's, D. D., Sons, meat packers, Camden, N. J.  
Helms, Edward F., architect, 5th av & California, San Francisco, Cal.  
Helms, F. W., contractor, Summit, N. J.  
Helms, Gabriel, silk tassels, 142 Greene, New York.  
Helper Bros., scrap iron, Bay City, Mich.  
Helrich, Otto A., architect, Everett, Mass.  
Helson, Richard, contractor, 121 Columbia W., Detroit, Mich.  
Heltzel Steel Form & Iron Co., Warren, Ohio.  
Helvetia Milk Condensing Co., canners, Highland, Ill.  
Helvetia Silk Mill, velvets, Paterson, N. J.  
Helwig Mfg. Co., pneumatic tools & labor-saving devices, St. Paul, Minn.  
Hely, Edw., stone, crushed, Cape Girardeau, Mo.  
Heman Constr. Co., Title Guarantee Trust Bldg., St. Louis, Mo.  
Hemenway Furniture Co., Alexandria, La.  
Hemenway, H. L., Co., contractors, 88 Broad, Boston, Mass., & Orchard av, Providence, R. I.  
Hemeon Bros., contractors, Somerville, Boston, Mass.  
Hemet Canning Co., Hemet, Cal.  
Hemingway Bros., brooms, Stockton, Cal.  
Hemingway & Co., color mfrs., 1 Broadway, New York.  
Hemingway, Frank, Inc., chemicals, 82 Beaver, New York.  
Hemingway Glass Co., Covington, Ky.  
Hemingway, H. C., & Co., canned goods, Syracuse, N. Y.  
Hemingway, H. F., & Co., canned goods, Orleans & Bradford, Baltimore, Md.  
Hemingway Mach. Co., Lynn, Mass.  
Heminway & Bartlett Silk Co., silk thread, Watertown, Conn.  
Heminway, M., Sons' Silk Co., artificial silk & silk thread, Watertown, Conn.  
Hemme, Charles, architect, DeSoto, Mo.  
Hemmer, Michael, contractor, 215 Sunset av, Syracuse, N. Y.  
Hemmerdinger, John H., & Son, razor strops, Vandervoort av, Brooklyn, N. Y.  
Hemmerdinger, L., & Co., paints, bronze powders, 438 E. 123d, New York.  
Hemmerle, Frank J., cornices, Sandusky, Ohio.  
Hemmi-Nygren Mfg. Co., lumber, Everson, Wash.  
Hemming Bros. Co., automatic grinding & polishing machinery mfrs., New Haven, Conn.  
Hemming Mfg. Co., insulators, battery covers, etc., Garfield, N. J.  
Hemmings, E. C., architect, 1203 J. Sacramento, Cal.  
Hemmler, A. H., architect, 524 S. Spring, Los Angeles, Cal.  
Hemp, C. E., draughting room equipment, Hamilton, Ohio.  
Hemp & Co., stoves, army canteens, etc., Vandeventer, nr. Shaw, St. Louis, Mo.  
Hempel, Max, cornices, 3016 E. 91st, Chicago, Ill.  
Hempelmann & Hector, machsts, 120 Longworth, Cincinnati, O.  
Hempfield Foundry, Greensburg, Pa.  
Hemphill, A. J., Co., mill & factory supplies, 11 Broadway, New York.  
Hemphill Mfg. Co., knitting machy, Central Falls, R. I.  
Hempshreys, E. C., Co., mill & facty. supplies, 445 Howard, Detroit, Mich.  
Hempstead, John, second-hand barrels, Waterford, N. Y.  
Hemsing & Son, sash, door & blind, Sonderton, Pa.  
Hemstreet, W. F., architect, Woolworth Bldg., New York.  
Henbeck, Geo. F., Jr., heating contr., 128 N. Fremont av, Baltimore, Md.  
Hench & Dromgold Co., agricultural implement mfrs., York, Pa.  
Hendee, C. C., Co., brushes, 48 7th, Milwaukee, Wis.  
Hendee-Connor Co., mill & facty. supplies, 60 Pearl, Buffalo.  
Hendee Mfg. Co., machsts, Springfield, Mass.  
Henderer, E., & Co., machsts, Wilmington, Del.  
Henderer, Earl M., architect, Atlantic City, N. J.  
Henderer's, A. L., Sons, pumps & punching machines, Maryland av & Beach, Wilmington, Del.  
Henderich, F. A., architect, St. Augustine, Fla.  
Henderson, A. P., roof brackets, Assinippi, Mass.  
Henderson, Alex., contractor, 305 W. 21st, New York.  
Henderson-Ames Co., machsts. & fdrs., Kalamazoo, Mich.  
Henderson & Baird Hardware Co., Greenwood, Miss.  
Henderson & Bro. Co., Ltd., contractors, S. 25th, below Spruce, Phila., Pa.  
Henderson Bros., carriages, Cambridge, Mass.  
Henderson Bros., glass stainers, 317 E. 64th, New York.  
Henderson Bros., contractors, Coshocton, Ohio.  
Henderson Bros., machsts, Waterbury, Conn.  
Henderson Buggy Mfg. Co., Henderson, N. C.  
Henderson, C. A., architect, Coffeyville, Kan.  
Henderson, C. C., Machine Co., Greenville, Ala.  
Henderson Canning Co., Aberdeen, Md.  
Henderson Cotton Mills, Henderson, Ky., & Henderson, N. C.  
Henderson Cotton Oil & Gin Co., meal, Henderson, Tex.  
Henderson, Edwin, contractor, Port Washington, N. Y.  
Henderson Elec. Co., portable benches, Ampere, N. J.  
Henderson, Frank, hot air furnaces, Troy, N. Y.  
Henderson Iron Works, Mobile, Ala.  
Henderson, J. G., sheet metal stamping, 12 Perry, Buffalo, N. Y.  
Henderson, J. H., contractors, 908 O'Farrell, San Francisco, Cal.  
Henderson, James G., stone, Ft. Worth, Tex.  
Henderson, John T., contractor, 139 Beltzhoover, Pittsburgh, Pa.  
Henderson & Johnson, paints, Gloucester, Mass.  
Henderson & Korn, crude rubber, 82 Beaver, New York.  
Henderson Lumber Co., Ocilla, Ga.  
Henderson Lumber Co., ties, poles & posts, 316 4th av, Pittsburgh, Pa.  
Henderson, M. E., architect, Knoxville, Tenn.  
Henderson Machine Co., 5032 Germantown av, Phila., Pa.  
Henderson Mfg. Co., carriages, Henderson, Ky.  
Henderson Molpus Co., fertilizer mfrs., Philadelphia, Miss.  
Henderson, P. J., heating contr., 171 Foster, Worcester, Mass.  
Henderson, Peter, & Co., fertilizer mfrs., 35 Cortlandt, New York.  
Henderson Roller Mills Co., Monroe, N. C.  
Henderson Rubber Co., rubber compound mfrs., Baltimore, Md.  
Henderson & Son, machsts. & fndrs., Watseka, Ill.  
Henderson, Mrs. W. C., flour mills, Worry, N. C.  
Henderson, W. D., contractors, Hearst Bldg., San Fran., Cal.  
Henderson, W. K., Iron Wks. & Supply Co., steam fitters' supplies, Shreveport, La.  
Henderson Wagon Wks., dumping wagons, Henderson, Ky.  
Henderson, Walter P., architect, 144 Congress, Boston, Mass.  
Henderson, Wm. H. Jr., Inc., contractor, 10 E. 30th, New York.  
Henderson-Willis Welding & Cutting Co., 2305 N. 11th, St. Louis, Mo.  
Hendey Machine Co., engine lathes, milling machines, shapers & cauterizing machine mfrs., Torrington, Conn.  
Hendley, Jas. W., htg. contrs., Corcoran Bldg., Washington, D. C.  
Hendrick Mfg. Co., cars, screens, steel tanks, etc., Carbondale, Pa.  
Hendricks Brick Co., East Kingston, N. Y.  
Hendricks Bros., brass & copper bolts, rivets, rods, etc., 49 Cliff, New York.  
Hendricks, G. C., architect, Winston-Salem, N. C.  
Hendricks & Class, wholesale hdwe., 30 Church, New York.  
Hendricks-Moore-Young Co., masons' & bldrs.' matls., Lexington, Ky.  
Hendricks & Weatherall, cornices & skylights, Memphis, Tenn.  
Hendricks, Wm. M., machist. & fndr., Watervally, Miss.  
Hendrickson & Dilatush, fertilizer mfrs., Robbinsville, N. J.  
Hendrickson, E. B., machsts. & fndrs., Demorest, Ga.  
Hendrickson, Edward E., architect, 925 Chestnut, Phila., Pa.  
Hendrickson Motor Truck Co., 3528 S. Wabash av, Chicago, Ill.  
Hendrickson Roofing Co., cornices, Springfield, Ohio.  
Hendrie & Bolthoff Mfg. & Supply Co., mill & facty. supplies, Denver, Colo.  
Hendrie, W. C., Rubber Co., Torrance, Cal.  
Hendrix, J. A., flour mills, Milligan College, Tenn.  
Henderson Bros., automobile bldrs., N. Cambridge, Mass.  
Hendry, Alex., contractors, 320 W. Grand av, Chicago, Ill.  
Hendry, C., architect, Elmhurst, N. Y.  
Hendryx, Andrew B., Co., chains, fndrs., etc., New Haven, Conn.  
Hendryx Cyanide Machy. Co., 136 Liberty, New York.  
Hendy, J., Iron Works, 75 Tremont, San Francisco, Cal.  
Henebry, Thos. F., machsts. & fndrs., Danbury, Conn.



- Henes & Keller Co., machsts. & fndrs., Menominee, Mich.  
Hengels, H. C., architect, Monadnock blk, Chicago, Ill.  
Hengels, Henry C., architect, 702 Grand av, Milwaukee, Wis.  
Henion & Hubbell, machy. dlrs., contrs.' tools & supplies, & wholesale hdwe., 219 N. Jefferson, Chicago, Ill.  
Henion & Hubbell, wholesale hdwe., Chicago, Ill.  
Henis, Wm. G., Sons & Co., weather vanes, 1347 Ridge av, Philadelphia, Pa.  
Henke, D. E., & Co., contractors, Zanesville, Ohio.  
Henke, Robt., gold leaf, 175 Park Row, New York.  
Henkel & Brown, contractors, Mason City, Ia.  
Henkel Co., cutlery mfrs., Fremont, Ohio.  
Henkel & Sullivan, contractors, Mercantile Library Bldg., Cincinnati, Ohio.  
Henkle & Joyce Hardware Co., Lincoln, Neb.  
Henley, Francis E., architect, 42 Weybosset, Providence, R. I.  
Henley Roller Skate & Mach. Co., Richmond, Ind.  
Henlon & Hubbell, plumbers', mill and facty. supplies—jobbers. 223 N. Jefferson, Chicago, Ill.  
Henne & Meyer Co., wholesale hdwe., Rockdale, Tex.  
Henneberry & Co., meat packers, Arkansas City, Kans.  
Henneberry & Halligan, granite producers, Concord, N. H.  
Hennebique Const. Co., 1170 B'way, New York.  
Henneboble, Frank, machst., 8101 S. Chicago av, Chicago, Ill.  
Hennecke, C., Co., structural steel, 1353 N. Pierce, Milwaukee, Wis.  
Hennen, Joseph E., architect, Fond Du Lac, Wis.  
Hennepin Bridge Co., 968 Laurel, Minneapolis, Minn.  
Hennepin Paper Co., Plymouth Bldg., Minneapolis, Minn.  
Hennepin Sash, Door & Lumber Co., Emerson av, & 29th, Minneapolis, Minn.  
Hennesey, D. R., machst. & fndr., Bellefontaine, Ohio.  
Hennessey Bros., contractors, Brookline, Mass.  
Hennessey Foundry Co., Springfield, Ohio.  
Hennessey, J. M., & Bro., contractors, Troy, Ohio.  
Hennessey, Wm. E., stone producers, Amsterdam, N. Y.  
Henessy, Dennis, tubular boilers, steel stacks & tanks, etc., Syracuse, N. Y.  
Henessy, J. D., & Co., masons' & bldrs.' matls., 195 Front, Portland, Ore.  
Henessy, P. M., Construction Co., Oppenheim Bldg., St. Paul, Minn.  
Henney Buggy Co., Moline, Ill.  
Henning Bros., cornices, cans, 3924 Indiana av, Chicago, Ill.  
Henning, Jno., & Sons, scrap iron & steel, 1016 E. Susquehanna av, Philadelphia, Pa.  
Henning, Julius, cornices & skylights, 315 Plymouth, N., Minneapolis, Minn.  
Henning, V., & Sons, smelters & refiners; alloys, ingots, etc., 330 Belmont av, Brooklyn, N. Y.  
Henning, Wm., brick, Newton, Ia.  
Henning, Wm., Co., canned goods, 1239 Wabansia, Chicago, Ill.  
Henninger, E. A., architect, Omaha Natl. Bk. Bldg., Omaha, Neb.  
Henningsen Bros., contractors, Irvington, N. J.  
Henon & Boyle, architects, Fuller Bldg., Philadelphia, Pa.  
Henrich, Edw. G., architect, Mutual Life Bldg., Buffalo, N. Y.  
Henrich, Geo. A., heating contr., 5650 B'way, Chicago, Ill.  
Henrich's, Wm., Sons Co., contractors, 193 Spring, Buffalo, N. Y.  
Henrick, John, contractor, Oswego, N. Y.  
Henricks, C. R., architect, Norristown, Pa.  
Henricks Magneto & Elec. Co., gas igniters, Indianapolis, Ind.  
Henrickson & Co., contracs., Globe Bldg., Seattle, Wash.  
Henrie, C. B., cornices, Xenia, Ohio.  
Henrietta Mills, cotton sheeting, Caroleen, N. C.  
Henrikson, Bernard T., & Co., wood working mach. knives, 664 W. Austin, Chicago, Ill.  
Henrotin, A., Co., soap, 447 Wells, Chicago, Ill.  
Henry, A. L., contractor, Gloversville, N. Y.  
Henry Airtight Weather Strip Co., Crawfordsville, Ind.  
Henry & Allen, flat spring keys, garden tools, etc., Auburn, N. Y.  
Henry-Bonnard Bronze Co., archl. & ornamental iron work & castings, 20 Exchange pl, New York.  
Henry Bros., canned goods, Poage's Mill, Va.  
Henry, C. P., Nov. Co., curtain rods, 184 Early, Providence, R. I.  
Henry, Chas., tubular boilers, Madison, Ind.  
Henry, Chas. D., architect, Kankakee, Ill.  
Henry Contracting Co., 633 W. 47th, New York.  
Henry, David, Bldg. Co., Paterson, N. J.  
Henry, Edw. P., contractor, Woodbury, N. J.  
Henry Engng. Co., machsts., 116 27th, Brooklyn, N. Y.  
Henry, Frank N., masons' & bldrs.' matls., Wilkes-Barre, Pa.  
Henry, J. E., & Sons Co., paper & pulp mills, Lincoln, N. H.  
Henry, J. G., contractor, Geneva, N. Y.  
Henry, J. W., architect, Aberdeen, S. D.  
Henry, Jas. M., contractor, Fort Wayne, Ind.  
Henry, John T., Mfg. Co., pruning knives, hdwe. mfrs., Hamden, Conn.  
Henry Mfg. & Grease Cup Co., oil lubricators, Terre Haute, Ind.  
Henry Marble Co., 3208 Shields av, Chicago, Ill.  
Henry, Millard & Henry Co., machsts. & fndrs., York, Pa.  
Henry-Miller Foundry Co., hot air furnaces, Cleveland, Ohio.  
Henry & Murphy, architects, 2d Natl. Bk. Bldg., Akron, Ohio.  
Henry Paper Co., Lincoln, N. H.  
Henry, Ralph C., architect, 12 West, Boston, Mass.  
Henry, Robt., brick, Lancaster, Ohio.  
Henry & Sheffer Mach. & Auto Co., Greensburg, Pa.  
Henry, T. A., brick, Gastonia, N. C.  
Henry, T. E., Furnace Co., 825 Long av, Cleveland, Ohio.  
Henry, Walter C., & Son, contractors, St. Petersburg, Fla.  
Henry, Wm., stone, 5837 Justine, Chicago, Ill.  
Henry, Wm., & Co., wholesale hdwe., Fort Worth, Tex.  
Henry & Wright Mfg. Co., machsts., Hartford, Conn.  
Henryetta Spelter Co., zinc, Henryetta, Okla.  
Henryson, L. P., & Co., umbrella mfrs., 20 W. 20th, New York.  
Henschien, H. P., architect, 37 W. Van Buren, Chicago, Ill.  
Hensel, E. R., Steel & Copper Co., Security Bldg., St. Louis, Mo.  
Hensel, Henry C., architect, 766 8th, Milwaukee, Wis.  
Hensel & Meyer, metal polish, 2116 Barry, Chicago, Ill.  
Hensel, Samuel, contractor, New Philadelphia, Ohio.  
Hensel Silk Mfg. Co., silk fringes, 1015 Diamond, Phila., Pa.  
Hensley, Melville O., archt., Corcoran Bldg., Washington, D. C.  
Hensgen, Fred, archt., 4118 Sherman av, Oakly, Cincinnati, O.  
Hensgen, Herman, contractor, Camden, N. J.  
Henshaw, Gorham, architect, 87 Weybosset, Providence, R. I.  
Hensil, Y. D., architect, Eugene, Ore.  
Hensley, Jas. W., & Co., dredging buckets, Indianapolis, Ind.  
Hensley Trolley & Mfg. Co., trolley wheels, machsts. & brass fndrs., 363 Holden av, Detroit, Mich.  
Henson Brick Supply Co., Hagerstown, Md.  
Henson, Edw. F., & Co., packing box mfrs., 921 N. Delaware av, Philadelphia, Pa.  
Henson, P., contractor, Huntington, W. Va.  
Henson, R. W., contractor, Geneva, N. Y.  
Henton, John R., contractor, Decatur, Ill.  
Hentschke, Albert & Son, machsts. & fndrs., 731 Race, Philadelphia, Pa.  
Henzmann & Richard, archl. & orna. iron, Louisville, Ky.  
Hepburn Telephone Mfg. Co., 325 S. Dearborn, Chicago, Ill.  
Heppe, Christopher J., & Son, pianos, 1117 Chestnut, Phila., Pa.  
Heppe, Wm., & Sons Co., soap, Logansport, Ind.  
Heppenstall Forge Co., Bridgeport, Conn.  
Heppenstall Forge & Knife Co., automobile, 47th & Hatfield, Pittsburgh, Pa.  
Heppenstall & Marquis, masons' & bldrs.' matls., 32d, Pittsburgh, Pa.  
Hepperle, J. & Son, stone, 4008 W. Taylor, Chicago, Ill.  
Heppert, Jos., lumber mfrs., 906 Catherine, Richmond, Va.  
Heppes-Nelson Roofing Co., cement, paints, shingles, etc., 4500 Fillmore, Chicago, Ill.  
Heps, Henri C., architect, 358 N. Y. av, Brooklyn, N. Y.  
Hepworth, Jno. W., & Co., tex. machy. (knitting machy.), loopers, Lehigh av & Mascher, Philadelphia, Pa.  
Hepworth, S. S., Co., sugar centrifugals & mixers, 2 Rector, New York.  
Herbert Boiler Co., 140 Root, Chicago, Ill.  
Herbert Brush Mfg. Co., Kingston, N. Y.  
Herbert, Derrick, architect, Menominee, Mich.  
Herbert, H. W., lbr., Rumney Depot, N. H.  
Herbert, T. L., & Sons, masons' & bldrs.' matls., Nashville, Tenn.  
Herbert, Wm. A., & Co., lbr., 11 S. La Salle, Chicago, Ill.  
Herbertson, John, Sons, machsts. & fndrs., Brownsville, Pa.  
Herbold, Chas., & Son, contractors, 2768 W. North av, Baltimore, Md.  
Herbrand Co., machsts., Fremont, Ohio.  
Herbst & Hufschmidt, architects, Caswell blk., Milwaukee, Wis.  
Herby's, Chas., Sons, architects, U. B. Bldg., Dayton, Ohio.  
Hercules Buggy Co., Evansville, Ind.  
Hercules Chemical Wks., metal polish, 2138 W. Van Buren, Chicago, Ill.  
Hercules Elec. Co., gas igniters, Indianapolis, Ind.  
Hercules Instrument Co., ammeters, Mount Vernon, N. Y.  
Hercules Iron & Supply Co., 473 Atlantic av, Boston, Mass.  
Hercules, J. W., architect, 308 Sherman av, Peoria, Ill.  
Hercules Mfg. Co., agricultural implements, Centerville, Ia.  
Hercules Mfg. Co., belt mfrs., 4328 Greenwood av, Chicago, Ill.  
Hercules Mfg. Co., labels—woven, Midvale, N. J.  
Hercules Mfg. Co., machy., Chattanooga, Tenn.  
Hercules Metal Corner Co., Kingston, N. Y.  
Hercules Metal Wks., brass fndrs., Castasauqua, Pa.  
Hercules Motor Mfg. Co., Canton, Ohio.  
Hercules Oil Refining Co., petroleum, 610 S. Main, Los Angeles, Cal.  
Hercules Paper Bag Co., Reading, Pa.  
Hercules Powder Co., Du Pont Bldg., Wilmington, Del.  
*See adv index at end of book.*  
Hercules Sandstone Co., stone producers, Tenino, Wash.  
Hercules Slate Co., rfg. slate mfrs., Bangor, Pa.  
Hercules Waterproof Cement Co., Buffalo, N. Y.  
Herdman Sash, Door & Lumber Co., Zanesville, Ohio.  
Herdrick, B. F., brick, Lebanon, Ind.  
Herf & Frerichs Chemical Co., Pierce Bldg., St. Louis, Mo.  
Herff, A. A., architect, 308 E. Houston, San Antonio, Tex.  
Herfort, F., Canning Co., Baraboo, Wis.  
Hergert, Theo., sheet metal ornaments, etc., 422 E. 53d, New York.  
Hering, Oswald C., & Fitch, architerts, 8 W. 33d, New York.  
Herkimer Fibre Co., Herkimer, N. Y.  
Herkimer Fdry. Co., Herkimer, N. Y.  
Herkless, A. R., contractor, Rushville, Ind.  
Herlan, Geo. J., heating contr., 132 Northampton, Buffalo, N. Y.  
Herlihy, J. J., heating contr., 751 W. Van Buren, Chicago, Ill.  
Herman, F. J., contractor, Toledo, Ohio.  
Herman, Geo., contractor, 28 Hillside av, Zuffalo, N. Y.  
Herman, Geo. G., Antigo, Wis.  
Herman & Herman, Inc., chemical mfrs., 6 Church, New York.  
Herman Iron Wks., machsts., West New York, N. J.



- Herman, K. I., Co., packing box mfrs., 217 N. Morgan, Chicago, Ill.
- Herman, M. S., & Bros., canned goods, Savannah, Ga.
- Herman Pneumatic Mach. Co., Zellenople, Pa.
- Herman, Q. E., architect, Hickory, N. C.
- Herman Safe Co., 126 Fremont, San Francisco, Cal.
- Hermance Mach. Co., Williamsport, Pa.
- Hermann Bros., stone producers, Dayton, Ohio.
- Hermann, E. A., architect, 2567 A. Mission, San Francisco, Cal.
- Hermann Eng. Co., machsts., 654 Franklin, Detroit, Mich.
- Hermann, F. W., Co., mill & facty. supplies, Guttenberg, N. J.
- Hemann & Grace Co., fire proof doors, 671 Bergen, B'klyn, N. Y.
- Herrmann, H., Lumber Co., Ashland, Ky.
- Herrmann, John, horse collars, Lawrence, Kans.
- Herrmann, M., & Son, carriages, Honesdale, Pa.
- Herrmann, Martin, lumber mfrs., Callicoon, N. Y.
- Herrmann Son, contractors, Grand Rapids, Mich.
- Hermanns, Madden & Co., contractors, 103 Park av, New York.
- Hermanson, Severin S., sweaters, cardigans, etc., Marinette, Wis.
- Herminghaus, E. H., architect, Lincoln, Neb.
- Hermitsge Cotton Mills, cotton sheetings, Camden, S. C.
- Hermitage Hardware Co., Nashville, Tenn.
- Herndon & Thompson, masons' & bldrs.' matls., Haralson, Ga.
- Herne, J. F., Co., sweeping compounds, Sanford, Boston, Mass.
- Hernke, Bernard, machsts. & fndrs., Wausau, Wis.
- Hero Mfg. Co., metal novelties & specialties, Gaul & Adams, Phila., Pa.
- Herold Bros., fdry. brushes, 62 Public sq., Cleveland, Ohio.
- Herold Bros. Co., barbers' supplies, 62 Public sq., Cleveland, O.
- Herold, P. J., architect, Forum Bldg., Sacramento, Cal.
- Herold, R. A., architect, Forum Bldg., Sacramento, Cal.
- Heron Iron Bedstead Co., Chattanooga, Tenn.
- Heron Mfg. Co., casters, Utica, N. Y.
- Heron, Thos. J., architect, Publication Bldg., Pittsburgh, Pa.
- Herow Granite Co., Willow av & 133d, New York.
- Hempel Bros., machinists, Reynoldsville, Pa.
- Herr Automatic Press Co., Ambler, Pa.
- Herr & Co., who. hardware & mill & factory supplies, Lancaster, Pa.
- Herr John, Mfg. Co., floor scrubbing & polishing machines, 44 N. 4th, Phila., Pa.
- Herr Mfg. Co., mattresses, Lancaster, Pa.
- Herr, Thornton A., architect, 72 W. Adams, Chicago, Ill.
- Herr, Wm., cornices, 1625 W. 15th, Chicago, Ill.
- Herreshoff Mfg. Co., ship builders, machsts & fndrs., Bristol, R. I.
- Herrfeldt, J. H., & Co., cut glassware, 72 Grand av, B'klyn, N. Y.
- Herrick, A. H., & Son, buckwheat flour, Watertown, N. Y.
- Herrick Bros., machsts & fndrs., Bethel, Me.
- Herrick, Chas. E., machsts. & fndrs., Northampton, Mass.
- Herrick Co., who. hdwe., 49 Broad, Boston, Mass.
- Herrick & Cowell, machsts, New Haven, Conn.
- Herrick, F. A., Co., bolt & screw cases & racks, Jackson, Mich.
- Herrick, Geo. S., grate bar mfrs., Syracuse, N. Y.
- Herrick Hardware Co., Waco, Tex.
- Herrick, Jason E., contractor, 15 State, Boston, Mass.
- Herrick, Jr., Howard, stone agent, Law Bldg., Baltimore, Md.
- Herrick, F. R., & Co., brushes, brooms, 3843 W. Lake, Chicago, Ill.
- Herrick Refrigerator & Cold Storage Co., Waterloo, Ia.
- Herring Buggy Co., Mansfield, O.
- Herring, G. B., & Son, contractors, Mansfield, O.
- Herring-Hall-Marvin Safe Co., Hamilton, O.
- Herrington, C. L., masons' & bldrs.' matls., Waynesboro, Ga.
- Herrington, Ed., masons' & bldrs.' matls., Hillsdale, N. Y.
- Herriott Shoe Polish Co., 2801 N. B'way, St. Louis, Mo.
- Herrlein & Henrich Co., glass stainers, metal & glass signs, 97 Hudson, New York.
- Herrlinger & Co., paper bags, 206 Walnut, Cincinnati, O.
- Herrlinger Paper Co., 211 Main, Cincinnati, O.
- Herrmann, Edmund, architect, Canton, O.
- Herrmann Bros., cornices, 6th & Clay Day, Cincinnati, O.
- Herrmann, Edmund, architect, Massillon, O.
- Herrmann, F. W., Co., plumbers' supplies, jobbers, Guttenberg, N. J.
- Herrmann, H., Furniture Co., refrigerators, 368 Broome, New York.
- Herrmann, H., Lbr. Co., E. 125th, New York.
- Herrmann, Jos. F., & Co., fertilizer, mtls, glue, axle grease & tallow, Fisher Bldg., Chicago, Ill.
- Herrmann, Morris, & Co., clays, color mfrs., 200 5th av, New York.
- Herrman's, Philip, Son, contractors, 409 W. 14th, New York.
- Herron, P. M., Hardware Co., mill & facty. supplies, 34 Genesee, Auburn, N. Y.
- Herron, R. H., Co., oil & gas well supplies, Los Angeles, Cal.
- Herruth Core Oil Co., Zion City, Ill.
- Hersch, Leo., masons' & bldrs. matls., Sante Fe, N. M.
- Herschel, R., Mfg. Co., agricultural implements & machsts, Peoria, Ill.
- Herschell-Spillman Co., machsts. & fndrs, North Tonawanda, N. Y.
- Herschler, L.C., contractor, Schultz Bldg., Columbus, O.
- Hersey, A. A., dock bldrs., 362 Border, E. B., Boston, Mass.
- Hersey, Ira G., & Sons Co., contractors, 53 Wareham, Boston.
- Hersey Mfg. Co., sugar mchy, pumps, etc., First, S. Boston, Mass.
- Hersh, A. J., contractor, Altoona, Pa.
- Hersh & Bros., heating contractors, Allentown, Pa.
- Hersh, F., Hardware Co., Allentown, Pa.
- Hersh, Harvey M., machsts & fndrs, Locust Valley, Pa.
- Hersh & Hersh, architects, Altoona, Pa.
- Hershey-Leaman Co., contrs., Lititz, Pa.
- Hershey Machine & Fndry. Co., Manheim, Pa.
- Hershey, P. H., canned goods, Spring Grove, Pa.
- Hershey & Rohrer, masons' & bldrs' matls., Ritman, O.
- Hershey & Sexton Co., dish washing machs., 833 Chestnut, Phila., Pa.
- Hersom, Thos., & Co., tex. mach'y., mill soaps, New Bedford, Mass.
- Hertenstein, C. A., Lumber Co., Chillicothe, O.
- Hertenstein, M., Co., stove mfrs., 1409 S. High, Columbus, O.
- Hertford Hardware & Supply Co., Hertford, N. C.
- Herthel, John W., architect, 119 N. 7th, St. Louis, Mo.
- Herther Electric & Mfg. Co., battery charging outfits, W. 112th, Cleveland, Ohio.
- Hertig Furnace Co., 1342 Columbus av, Boston, Mass.
- Hertlein, J. P. A., landscape architect, Louisville, Ky.
- Herts Bros. Co., interior hardwood work, 20 W. 57th, New York.
- Herta, Henry B., architect, 345 5th av, New York.
- Herty Turpentine Cup Co., Jacksonville, Fla.
- Hertz, Alfred W., architect, Gloyd Bldg., Kansas City, Mo.
- Hertz & Hosbach Co., cash, door & blind, 4th & Holden, Detroit, Mich.
- Hertzberg, H., & Son, bottle brushes, 96 Church, New York.
- Hertzler & Zook Co., machsts & fndrs., Belleville, Pa.
- Hervey, F. L., & Co., belting mfrs., Fall River, Mass.
- Hervey Mach. Wks., machsts, Kansas City, Mo.
- Herwig Art Shade & Lamp Co., holders, 2140 N. Halsted, Chicago, Ill. *See adv index at end of book*
- Herz & Co., battery connectors, spark timers, plugs, etc., 245 W. 55th, New York.
- Herz Mfg. Co., cigar lighters, sad irons, 388 Jackson, St. Paul, Minn.
- Herzler & Henninger Machine Works, machsts. & fndrs., Belleville, Ill.
- Herzog Art Furniture Co., music cabinets, Saginaw, Mich.
- Herzog Bros., carriages, 220 Wendell, Chicago, Ill.
- Herzog, Geo. P., contractor, Lafayette, Ind.
- Herzog Iron Works, ornamental & structl. iron & steel wks., St. Paul, Minn.
- Herzog, Jno., & Son, lime mfrs., Patterson, O.
- Herzog, W. F., Min. Lamp Co., 42 E. 23d, New York.
- Hesey-Wolf Machine Co., grinding & buffing machines, Colerain av, Cincinnati, O.
- Heslop, J. W. C., brass castings, Point Pleasant, W. Va.
- Hess, A. E., lbr. mfrs., Conyngham, Pa.
- Hess, Adam, arch'l iron, 417 E. 156th, New York.
- Hess & Barker, damper regulators, tablet machines, 236 S. 8th, Phila., Pa.
- Hess, Barney, scrap brass & copper, 94 Van Dyke, B'klyn, N. Y.
- Hess-Bright Mfg. Co., bearings, Front & Erie av, Phila., Pa.
- Hess, C. E., lumber mfrs., Cherry Creek, N. Y.
- Hess Carriage Co., wagon builders, Hagerstown, Md.
- Hess, Chas., Co., bath tub seats, etc., 96 Wall, New York.
- Hess, D. S., & Co., interior hardwood wks., 3 E. 40th, New York.
- Hess, Daniel T., carriages, Quarryville, Pa.
- Hess, E. C., contractor, Sterling, Ill.
- Hess, Ernest J., architect, Times Bldg., St. Louis, Mo.
- Hess Flume Co., Denver, Colo.
- Hess, Frank, & Sons, sash, door & blind mfrs., 2339 N. Cal. av., Chicago, Ill.
- Hess Furnace Co., Tacoma Bldg., Chicago, Ill.
- Hess, G. B., Co., flour mills, farina, Green Bay, Wis.
- Hess, Geo. F., & Son, contractors, Youngstown, O.
- Hess & Hopkins Lthr. Co., harness mfrs., Rockford, Ill.
- Hess, John, masons' & bldrs' matls., Steelton, Pa.
- Hess Machine Wks., 2512 Callowhill, Phila., Pa.
- Hess-Martin Iron Wks., Portland, Ore.
- Hess Planing Mill Co., Waynesboro, Pa.
- Hess Pontiac Spring & Axle Co., machsts. & fndrs., Pontiac, Mich.
- Hess & Rau, mach. & fdr., Watertown, S. D.
- Hess, S. M., & Bro., fertilizer mfrs., 328 Chestnut, Phila., Pa.
- Hess-Snyder Co., pumps & stoves, Massillon, Ohio.
- Hess & Son, match safes, rust preventives, Watkins Bldg., Phila.
- Hess Spring & Axle Co., carthage, Cincinnati, O.
- Hess Steel Corp., carbon, chromes, manganese, nickel, steel, etc., Penn. R. R. & E. av, Baltimore, Md.
- Hess, W. J., machst., Green Bay, Wis.
- Hess Warming & Ventilating Co., 1206 B, Tacoma Bldg., Chicago, Ill.
- Hess & Wiley, linseed oil mills, Fedonia, Kas.
- Hess, Wm. T., mattresses, York, Pa.
- Hesse Building Material Co., St. Joseph, Mo.
- Hesse Envelope & Lithograph Co., 501 N. 1st, St. Louis, Mo.
- Hesse Mfg. Co., cotton webbing, Valley Falls, R. I.
- Hesse, W. G., & Son, Mfg. Co., carriages, Leavenworth, Kas.
- Hessenbruch, H., Co., hdwe., who., razor mfrs., 8 N. 5th, Phila.
- Hessler Co., roof flanges, Syracuse, N. Y.
- Hessler Foundry & Mfg. Co., grey iron castings, Oswego, N. Y.
- Hessler, H. E., Co., hdwe. mfrs. who., Syracuse, N. Y.
- Hessler, H. H., elastic, surgical hosiery, 38 Arcade, Cleveland, O.
- Hessner, Hy., & Son, truck trailers, 62 Gerry, Brooklyn, N. Y.



- Hester Mfg. Co., brass door guards, grilles, railings & thresholds, etc., 1455 S. Michigan av, Chicago, Ill.
- Hetherington & Berner, mchsts. & fndrs., Indianapolis, Ind.
- Hetherington, J. T., architect, 69 W. Washington, Chicago, Ill.
- Hetherington, Jno., & Sons, Ltd., mchsts. & fndrs., 178 Devonshire, Boston, Mass.
- Hetherington, T. D., architect, Gazette Bldg., Colorado Springs, Colo.
- Hetrick, Wilson, & Co., flour mills, Indiana, Pa.
- Hettinger, C. F., & Co., brewery architects, 1140 Columbus av, Boston, Mass.
- Hettinger Engine Co., engine builders & mchsts, Bridgeton, N. J.
- Hettinger, H. C., landscape arch., McHenry, Ill.
- Hettinger, John P., architect, 3171 N. Halsted, Chicago, Ill.
- Hettler, Herman H., Lbr. Co., 2601 Elston av, Chicago, Ill.
- Hettrick Mfg. Co., tents, belting, etc., Toledo, Ohio.
- Hetzel, J. C., contractor, cements, compound, paints, etc., 67 Main, Newark, N. J.
- Hazel, John, meat packers, 1743 Larrabee, Chicago, Ill.
- Hetzel-Winget Co., contractors, Grant bldg., Los Angeles, Cal.
- Hetzell, John G., & Son, cornices, Paca & Mulberry, Baltimore, Md.
- Heuckeroth, Jno., brick, Quakertown, Pa.
- Heuer, William W., canned goods, Bel Air, Md.
- Heumader, Chris., trunks, St. Joseph, Mo.
- Heun, Arthur, architect, 64 E. Van Buren, Chicago, Ill.
- Heusinger Hardware Co., San Antonio, Tex.
- Hewell, T. J., Jr., fertilizer, Dewey Rose, Ga.
- Hewes & Phillips Iron Wks., 8 Orange, Newark, N. J.
- Hewea, Geo. D., contractor, Chester, Pa.
- Hewes, Sam'l, contractor, Chester, Pa.
- Hewett, C. G., cotton damasks, Unity & Leiper Phila., Pa.
- Hewett, Jas. A., contractor, Elyria, O.
- Hewett Mfg. Co. (of Chicago, Ill.), fndrs, Topeka, Kas.
- Hewitt & Bottomley, architects, 597 5th av, New York.
- Hewitt Bros., machsts. & fndrs., Punta Gorda, Fla.
- Hewitt Bros. Soap Co., Dayton, Ohio.
- Hewitt & Brown, architects, 716 4th av, S., Minneapolis, Minn.
- Hewitt, C. B., & Bros., pattern boards, etc., 49 Beekman, New York. *See adv index at end of book*
- Hewitt, Chas. W., architect, 604 Academy, Astoria, N. Y.
- Hewitt & Emerson, architects, 321 Main, Peoria, Ill.
- Hewitt, Ernest C., contractor, Bay City, Mich.
- Hewitt & Granger, architects, Bullitt Bldg., Philadelphia, Pa.
- Hewitt, Jno., machsts. & fndrs., East Newark, N. J.
- Hewitt, John, Iron Fdry. Co., 8 Orange, Newark, N. J.
- Hewitt, L. & R. T., mattresses, South Wethersfield, Conn.
- Hewitt-Ludlow Auto Co., 901 Indiana, San Francisco, Cal.
- Hewitt Mfg. Co., brass fndrs., St. Louis, Mo.
- Hewitt Mfg. Co., fndrs., 241 Greenfield av, Milwaukee, Wis.
- Hewitt Motor Co., 252 W. 64th, New York.
- Hewitt Rubber Co., hose, valves, etc., Buffalo, N. Y.
- Hewitt, Thos. J., vent. mfr., 57 Ann, New York.
- Hewitt & Warden, light switchboards, Newburgh, N. Y.
- Hewitt White Co., corset, shoe laces, Paterson, N. J.
- Hewitt, Wm. D., architect, Burlington, N. J.
- Hewitt, Wm. S., architect, Atlantic City, N. J.
- Hewlett Bros., lubrg. oils, 32 Front, New York.
- Hewlett, Geo. B., blue & black prints, 32 Front, New York.
- Hewlett, Wm. A., architect, 1265 Broadway, New York.
- Hews, A. H., & Co., potteries, Cambridge, Mass.
- Hexter & Co., who. hdwe., 13th & Hoyt, Portland, Ore.
- Hey, M., Mfg. Co., mchsts. & fndrs., 633 N. 3d, Phila., Pa.
- Hey, Richard, & Son, woolen blankets, Main Bl. Walnut lane, Philadelphia, Pa.
- Heyden Chemical Wks., Garfield, N. J.
- Heyden, F., telephone cabinet wks., 517 N. Halsted, Chicago, Ill.
- Heyer, A. Lester, meat packer, 318 E. 38th, New York.
- Heyer, T. A., Duplicator Co., 160 N. 5th av, Chicago, Ill.
- Heyl, Bros. Co., canned goods, 101 S. Front, Phila., Pa.
- Heyl & Patterson, conv. troughs, 51 Water, Pittsburgh, Pa.
- Heyl, Philip F., lbr., 1215 W. 6th, Cincinnati, Ohio.
- Heylmann, J. G., & Sons, carriages, Noblesville, Ind.
- Heyman, N. H., machsts., 438 E. 59th, New York.
- Helman, Solomon, smoking pipes, 814 Druid Hill, Baltimore, Md.
- Heyman-Well Co., who. hdwe., 720 Mission, San Francisco, Cal.
- Heywood Bros. & Wakefield Co., rattan & reed wks. & school furniture, Gardner, Mass.
- Heywood Mfg. Co., envelopes, 420 N. 3d, Minneapolis, Minn.
- Heyworth, Jas. O., contractor, 606 S. Michigan av, Chicago, Ill.
- H. H. H. Tire & Mfg. Co., 263 Halsey, Newark, N. J.
- Hibbard, B. H., Co., contractors' & masons' & bldrs.' matls., New Britain, Conn.
- Hibbard Basket Wks., South Butler, N. Y.
- Hibbard & Cody, architects, Marsh-Strong Bldg., Los Angeles, Cal.
- Hibbard Eng'ng Co., cam shafts, Majestic Bldg., Detroit, Mich.
- Hibbard, Frank W., contractor, 108 Fargo av, Buffalo, N. Y.
- Hibbard Gas Engine Co., Machsts, Hudson Falls, N. Y.
- Hibbard, Spencer, Bartlett & Co., wholesale hardware, 303 N. State Street Bridge, Chicago, Ill.
- Hibbard, W. E., Mfg. Co., machsts., 79 Washingt, B'klyn, N. Y.
- Hibben & Co., steel plate wks., 9376 Ewing av, Chicago, Ill.
- Hibberd Brick Co., Kearney, Neb.
- Hibbs, E. A., cupolas, range boilers, expansion tanks, etc., Bread & Quarry, Philadelphia, Pa.
- Hibbs, H. C., architect, Stahlman Bldg., Nashville, Tenn.
- Hibbs Hardware Co., Portsmouth, Ohio.
- Hibner-Hoover Hardware Co., Dubois, Pa.
- Hice, Harry M., architect, State Life Bldg., Indianapolis, Ind.
- Hice Mfg. Co., carriage rims, Johnson City, Tenn.
- Hickerson Mfg. Co., stoves & heaters, McComb, Ohio.
- Hickerson Roller Mill Co., flour, Grantsburg, Wis.
- Hickey & Baker, cornices & skylights, Englewood, N. J.
- Hickey Bros., contractors, Railway Exch. Bldg., St. Louis, Mo.
- Hickey Contracting Co., 841 B'way, New York.
- Hickey M. F. Co., stone prod., 83 9th, Brooklyn, N. Y.
- Hickey, M. H., arch'l iron, 36 Randolph, Chicago, Ill.
- Hickey, Michael & Co., boot & shoe counters, Haverhill, Mass.
- Hickey & Schneider, electrical specialties, 61 B'way, New York.
- Hickler Bros., contractors, Sault Sainte Marie, Mich.
- Hickman, C. F., architect, Columbus, Ga.
- Hickman, Charles L., architect, Clarksburg, W. Va.
- Hickman, Franklin P., machsts., 112 West, Wilmington, Del.
- Hickman, J. E., architect, 119 S. 5th, Reading, Pa.
- Hickman, Louis C., architect, Brown Bros. Bldg., Phila., Pa.
- Hickman Milling Co., flour, Hickman, Tenn.
- Hickman, Robt. E., canned goods, Wesley Station, Md.
- Hickman, V. Q., steam fitters' supls., Union Bk. Bldg., Pittsburgh, Pa.
- Hickman Wagon Co., Hickman, Ky.
- Hickman, Williams & Co., Coke Mfrs., Ferro-Phosphorus, Louisville, Ky.
- Hickmott, R., Canning Co., 310 California, San Francisco, Cal.
- Hickok Const. Co., grain elev. bldrs., 818 Flour Exch., Minneapolis, Minn.
- Hickok Electric Instrument Co., shunt ammeters, 10514 Dupont, Cleveland, Ohio.
- Hickok, Horatio, Co., Packing Box Mfrs., Burlington, Vt.
- Hickok, W. O., Mfg. Co., bookbinders mach., Harrisburg, Pa.
- Hickory Cariage Co., Sp. Grove av. & Rawson, Cincinnati, Ohio.
- Hickory Gas Mantle Mfg. Co., University & Griggs, St. Paul, Minn.
- Hickory Handle & Mfg. Co., Conover, N. C.
- Hickory Lbr. Co., Danielsville, Pa.
- Hickory Mfg. Co., sashes, doors & blinds, Hickory, N. C.
- Hickory Novelty Co., sashes, doors & blinds, Hickory, N. C.
- Hickory Run Mfg. Co., cooperage, Allentown, Pa.
- Hickory Steel Grip Glove Co., 2418 Diversey av, Chicago, Ill.
- Hicks, A. C., contractor, Cole Brook, N. H.
- Hicks, A. P., paint mfrs., Phelps, N. Y.
- Hicks Boiler Wks., 614 S. Main, Providence, R. I.
- Hicks, Burt, mach. & fdr., Portland, Ore.
- Hicks, C. W., & Co., machsts. & fndrs., Lynchburg, Va.
- Hicks Co., Ltd., masons' & bldrs.' matls., Shreveport, La.
- Hicks, Geo. F. H., R. R. track laying machines, 537 S. Dearborn, Chicago, Ill.
- Hicks & Harper, architects, Florence, S. C.
- Hicks, Harry, machsts & fndrs., North Vernon, Ind.
- Hicks, Howard W., Co., Auto Washing Brushes, Denver, Colo.
- Hicks, J. C., Sheet Metal Works, cornices & skylights, Knoxville, Tenn.
- Hicks, J. Howard, architect, Washington Court House, Ohio.
- Hicks, Jas. L., engines, tools, etc., 967 Howard, San Francisco, Cal.
- Hicks, Jewell, architect, Durant, Okla.
- Hicks, John H., lbr., Avondale, Pa.
- Hicks, S. D., & Sons, cornices & skylights, 9 Bowker, Boston, Mass.
- Hicks, W. R., contractor, Elwood, Ind.
- Hicks, Wm. Mather, gold pens, 235 Greenwich, New York.
- Hickson-Rogers Mfg. Co., dowel pins, spokes, etc., Paragould, Ark.
- Hickson, Stephen A., gold leaf, 559 Broome, New York.
- Hicksville Handle Co., Hicksville, Ohio.
- Hico Milling Co., flour, Burlington, N. C.
- Hico Oil Mill, meal, Hico, Tex.
- Hidalgo Steel Co., 253 B'way, New York.
- Hidden Otis Co., wholesale hardware, Louisville, Ky.
- Hide & Leather, trade publication, 136 W. Lake, Chicago, Ill.
- Hide, Leather & Belting Co., 227 S. Meridian, Indianapolis, Ind.
- Hide & Leather Working Mach. Co., 859 Grand Blvd., Milwaukee, Wis.
- Hieatt, F. L., Brick & Tile Co., San Diego, Cal.
- Hiener Hardware Co., Wheeling, W. Va.
- Hieronimus, G. D., lbr. mfrs., Monica, Ky.
- Hierspiel Bros., cornices, Peoria, Ill.
- Hiertz, Theo., Metal Co., Alaska & Tesson, St. Louis, Mo.
- Hiesand & Co., masons' & bldrs.' matls., Salunga, Pa., & Eaton, Ohio.
- Hiffington, R. M., contractor, Normal, Ill.
- Higbee, Enoch L., contractor, Atlantic City, N. J.
- Higbee Tool Co., Bremen, Ohio.
- Higbee, Wilbur S., contractor, Atlantic City, N. J.
- Higbie Oats Cleaner Co., 56 W. Lake, Chicago, Ill.
- Higby, Gilbert C., architect, 207 Market, Newark, N. J.
- Higganum Hardware Co., Higganum, Conn.
- Higgin Mfg. Co., hardware, steel anti-rattlers, buttons, etc., Newport, Ky.
- Higginbotham & Knapp, architects, Charleston, W. Va.
- Higgins, Alvah E., dowels, Jamaica, Vt.
- Higgins, Chas. M., & Co., mucilage, paste and ink mfgs., 271 9th, Brooklyn, N. Y.
- Higgins & Co., machsts. & fndrs., Holyoke, Mass.



- Higgins Dental Mfg. Co., Bellevue, Ohio.  
Higgins, E., Co., retail book store, 138 Monroe av N., Grand Rapids, Mich.  
Higgins, E. Leander, architects, 120 Exch., Portland Me.  
Higgins, F. J., 327 S. La Salle, Chicago, Ill.  
Higgins, Frank E., metal doors, 408 N. 11th, St. Louis, Mo.  
Higgins, G. F., Co., heating contrs., Wabash Bldg., Pittsburgh, Pa.  
Higgins, J. F., & Co., cornices, 5751 Eastern av, St. Louis, Mo.  
Higgins, J. H., Co., scrap iron, 59 B'way, Providence, R. I.  
Higgins, J. J., contractor, 349 Main, Worcester, Mass.  
Higgins, Jas., brick, Marshall, Tex.  
Higgins, John C., machsts., 812 W. Kinzie, Chicago, Ill.  
Higgins, Joseph I., architect, Borden Blk., Fall River, Mass.  
Higgins-Jung Kleinau Co., stone & granite producers, Bloomington, Ill.  
Higgins, M. C., contrs., Terre Haute, Ind.  
Higgins Machinery Co., belt clamps, Seattle, Wash.  
Higgins, Olstin M., architect, Hyde Park, Boston & Attleboro, Mass.  
Higgins, Robt., contractor, 4642 Lancaster av, Philadelphia, Pa.  
Higgins, Robt. J., lubrg. oils, Albany, N. Y.  
Higgins Spring & Axle Co., Racine, Wis.  
Higgins Stone Co., Bellevue, Ohio.  
Higgins, Thos. H., contractor, Glen Ridge, N. J.  
Higgins, W. R., sash, door & blind, Chelan, Wash.  
Higgins, W. S., contractor, Newtonville, Mass.  
Higgins, Walter, htg. contrs., 910 Mass av N. W., Washington, D. C.  
Higgins, Wm., Dry Docks & Marine Rys., Bayonne, N. J.  
Higgins, Wm. E., architect, Santa Clara, Cal.  
Higginson Mfg. Co., cements, mortar, plaster, etc., Newburgh, N. Y.  
Higginson, Wm., architect, 13 Park Row, New York.  
Higginsville Milling Co., flour, Higginsville, Mo.  
Higgs, J. Ed., architect, 910 N. 10th, Richmond, Ind.  
Higgs, P. F., architect, Pomona, Cal.  
High Falls Mfg. Co., flour, High Falls, N. C.  
High Falls Pulp & Paper Co., Chateaugay, N. Y.  
High Point Brick Co., High Point, N. C.  
High Point Buggy Co., High Point, N. C.  
High Point Mfg. Co., music cabinets, High Point, N. C.  
High Point Metallic Bed Co., High Point, N. C.  
High Point Mill Co., lumber, High Point, Wash.  
High Point Milling Co., flour, High Point, N. C.  
High Point Veneer & Panel Co., High Point, N. C.  
High Shoals Co., cotton sheetings, Charlotte, N. C.  
High Shoals Mfg. Co., cotton sheetings, High Shoals, Ga.  
High Speed Hammer Co., riveting machines, 307 St. Paul, Rochester, N. Y.  
High Speed Metallic Packing Co., 305 N. Michigan av, Chicago, Ill.  
High Tension Elec. Spec. Co., cut out hangers & arc lamp insulators, Newton, Mass.  
High, W. M., architect, Reading, Pa.  
Highby, H. A., lumber mfrs., Willsboro, N. Y.  
Highhouse's, E., Sons, brick, Warren, Pa.  
Highland Body Mfg. Co., carriage bodies & seats, Center Hill av & C. H. & D. R. R., Elmwood pl., Cincinnati, Ohio.  
Highland Chemical Products Co., cast iron pipe coatings, Connellsville, Pa.  
Highland Cherry Farm Co., canned, Clyde, Ohio.  
Highland Coal Co., masons' & bldrs. matls., Somerville, Mass.  
Highland Electro Chemical Mfg. Co., soldering flux, Connellsville, Pa.  
Highland Engraving Co., 256 Sherman, Passaic, N. J.  
Highland Foundry Co., stove mfrs., 1341 Columbus av, Boston, Mass.  
Highland Fndrs. & Mach. Co., Somerset, Pa.  
Highland Glass Co., Washington, Pa.  
Highland Iron & Steel Co., Terre Haute, Ind.  
Highland Knitting Mill, knitted gloves, Highland, N. Y.  
Highland Machine Co., 56 Kemble, Rox, Boston, Mass.  
Highland Mfg. Co., tablets & pads, Holyoke, Mass.  
Highland Milk Condensing Co., Elkland, Pa.  
Highland Mill Co., flour, Willette, Tenn.  
Highland Milling Co., flour, Highland, Ill.  
Highland Orchards Co., canned goods, Highland, N. Y.  
Highland Paper Co., Johnsonburg, Pa.  
Highland Park College, engn. schools & coll., Des Moines, Ia.  
Highland Park Mfg. Co., meal, cottonseed, Rock Hill, S. C.  
Highland Slate Co., roofing slate mfrs., Slatedale, Pa.  
Highland Stone Co., Olive Hill, Ky.  
Highland Worsteds Mills, sweaters, etc., Camden, N. J.  
Highlander Machine Co., washing machines, Spencerport, N. Y.  
Highlands Fire Clay Co., Mackind & Berthold av., St. Louis, Mo.  
Highrock Canning Co., Highrock, Pa.  
Highspire Dist. Co. (Ltd.), Highspire, Pa.  
Heighton, Wm., & Sons Co., builders' & cabinet hardware, brass bronze & iron castings, mfrs., Nashua, N. H.  
Hightower Box & Tank Co., Atlanta, Ga.  
Hightower Lumber Co., Birdview, Wash.  
Hightower Planing Mill, Cedartown, Ga.  
Highwood Mfg. Co., masons' & bldrs. matls., Highwood, Ill.  
Higley Mach. Co., Croton Falls, N. Y.  
Higman, John W. Co., china clays, flint pebbles, chalk, 29 Broadway, New York.  
Higman Lbr. Co., Los Angeles, Cal.  
Hignutt, O. M., canned goods, Denton, Md.  
Higrade Slate Co., roofing, Granville, N. Y.  
Hihn, F. A., Co., Lbr. Mfrs., Santa Cruz, Cal.  
Hilb & Bauer, scrap iron & steel, Union Tr. Bldg., Cincinnati, O.  
Hillboro Mach. Co., 2116 Colerain, Cincinnati, Ohio.  
Hilcher, Chas. G., & Co., oven bldrs., 4220 Indiana av, Chicago, Ill.  
Hild Canning Co., Pierre, S. D.  
Hildbrandt, Frank, contractor, Houghton, Mich.  
Hildebrand, A. M., contractor, Wilkes-Barre, Pa.  
Hildebrand Buggy Co., carriages, Terre Haute, Ind.  
Hildebrand, E. H., architect, Crocker Bldg., San Francisco, Cal.  
Hildebrand, Fred, contractor, 1346 Forest Home av, Milwaukee, Wis.  
Hildebrandt, John J., Co., fishing tackle, Logansport, Ind.  
Hildebrandt Provision Co., meat packers, 3620 Clark av, Cleveland, Ohio.  
Hildreth & Beckman, architects, 311 W. 17th, Cincinnati, Ohio, & First Natl. Bk. Bldg., Covington, Ky.  
Hildreth Bros., machsts. & fdrs., Harvard, Mass.  
Hildreth & Co., testing laboratories, 15 Broad, New York.  
Hildreth Granite Co., 31 State, Boston, Mass.  
Hildreth, H. V., granite, Graniteville, Mass.  
Hildreth, Herbert L., Co., confectioners' machy., 67 Battery-march, Boston, Mass.  
Hildreth Iron Wks., Hildreth, Neb.  
Hildreth, J. D., & Son, contractors, 514 Elm, New Haven, Conn.  
Hildreth Varnish Co., 90 West, New York, & 77 N. 12th, Brooklyn, N. Y.  
Hilf Bros., contractors, 9½ Norton, Pittsburgh, Pa.  
Hilfinger Bros., plow clamps, potteries, etc., Fort Edward, N. Y.  
Hilgard Lumber Co., Houston, Texas.  
Hilgartner Marble Co., So. Sharp & Ostend, Baltimore, Md.  
Hilgeman, Henry, contractor, Fort Wayne, Ind.  
Hilgen Mfg. Co., lumber, Cedarburg, Wis.  
Hilgen, Wm. F., architect, Cedarburg, Wis.  
Hilgendorf, C. F., whol. hdwe., 303 3rd, Milwaukee, Wis.  
Hilker Bros. Brick Mfg. Co., Racine, Wis.  
Hilker, Edw., Mop Co., 2614 W. Grand av, Chicago, Ill.  
Hilker, H. A., brick, Racine, Wis.  
Hilkert, A. B., contractor, Geneva, N. Y.  
Hill, A., Co., rural mail boxes, Napoleon, Ohio.  
Hill, A. E., Mfg. Co., machsts. & fdrs., Atlanta, Ga.  
Hill, A. R., & Co., masons' & bldrs. matls., Willoughby, Ohio.  
Hill, Arthur, & Co. (Ltd.), lbr. mfrs., Saginaw, Mich.  
Hill, Arthur E., architect, 75 Westminster, Providence, R. I.  
Hill & Bosley, fndrs., Winchendon, Mass.  
Hill Bros. & Co., turned wood novelties, Williamsburg, Mass.  
Hill-Brunner Foundry Supply Co., South & C. H. D. R. R., Cincinnati, Ohio.  
Hill Burton Wks., 230 W. 17th, New York.  
Hill, C. D., & Co., architects, 317 22d, Galveston & Sumpter, Dallas, Texas.  
Hill, C. V., & Co., refrigerators, stove trucks, etc., Trenton, N. J.  
Hill, C. W., masons' & bldrs. matls., Walden, N. Y.  
Hill, C. W., Chemical Co., 326 San Pedro, Los Angeles, Cal.  
Hill-Canton Dryer Co., Canton, Ohio.  
Hill City Machine Shop, Rome, Ga.  
Hill-Clarke & Co., machy. dtrs., 156 Oliver, Boston, Mass.  
Hill, Clemens F., carriages, Easton, Pa.  
Hill Clutch Co., friction clutches, 1000 W. 58th, Cleveland, O.  
Hill Crest Canning Co., Afton, Va.  
Hill & Cutler, cotton waste, 176 Federal, Boston, Mass.  
Hill, Dan L., machsts., Keene, N. H.  
Hill Dredging Co., Atlantic City, N. J.  
Hill-Drummond Lbr. Co., Saginaw, Mich.  
Hill, E. W., wagons, dumping, 24 Pollock av, Jersey City, N. J.  
Hill, Edwin M., sash, door & blind, 2601 Penn av, Pittsburgh, Pa.  
Hill & Evans, cornices, Nanticoke, Pa.  
Hill, F. H., Co., coffins, etc., 944 Wash'n blvd, Chicago, Ill.  
Hill, Mrs. Florence M., architect, 202 W. 74th, New York.  
Hill, Frank E., architect, Gas Office Bldg., Detroit, Mich.  
Hill, Frank L., masons' & bldrs. matls., Danville, Ill.  
Hill, Geo., arch'l engrs., 31 E. 27th, New York.  
Hill, Geo. H., architect, Bluefield, W. Va.  
Hill, Geo. Q., Co., metal nov. & spec., nuts, screws, etc., 32 Dorchester av, Boston, Mass.  
Hill, Geo. W., masons' & bldrs. matls., Rockville, Conn.  
Hill, Geo. W., & Sons, stone producers, Pittsburg, Kans.  
Hill & Griffith Co., foundry supplies, 1248 State av, Cincinnati, Ohio.  
Hill, Harry A., architect, 40 E. State, Trenton & Princeton, N. J.  
Hill Hydraulic Mach. Co., mine pumps, Seattle, Wash.  
Hill, I. Edgar, architect, Geneva, N. Y.  
Hill-Independent Mfg. Co., check protectors, stamps, stencils, etc., Emerald & Adams, Philadelphia, Pa.  
Hill, J. C., Lumber Co., Houston, Texas.  
Hill, J. H., & Sons, line tags, Coventry, R. I.  
Hill, J. R., architect, Winston-Salem, N. C.  
Hill, Jas. B., tile making machs., Deshler, Ohio.  
Hill, Jass. Mfg. Co., cans, tin cylinders, stovepipe mfrs., etc., 52 Westfield, Providence, R. I.



- Hill, John C., brick, Barnard, Ind.  
Hill, John Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.  
Hill & Karnes Brick Co., Paducah, Ky.  
Hill & Langstroth, hdwe. mfrs., 79 Beekman, New York.  
Hill, Lodowick J., Jr., architect, Atlanta Nat. Bk. Bldg., Atlanta, Ga.  
Hill Mfg. Co., auto. seats, tops, wooden bodies & windshields, 23 Fuller, Buffalo, N. Y.  
Hill Mfg. Co., cotton sheetings, Lewiston, Me.  
Hill Mfg. Co., machinist, New Madison, Ohio.  
Hill, Martin & Hill, cornices & skylights, Independence, Mo.  
Hill & Minneck, contractors, 4106 Woodbine av, Baltimore, Md.  
Hill, N. N., Brass Co., bell founders, gongs, toys, etc., East Hampton, Conn.  
Hill, Peter W., contractor, 97 Proctor, Boston, Mass.  
Hill Pump Co., Anderson, Ind.  
Hill Pump Valve Co., 23rd & Archer av, Chicago, Ill.  
Hill, R. G., & Co., contractors, Chamber of Com., Birmingham, Ala.  
Hill, Richard F., Mfg. Co., sporting goods, 219 High, Newark, N. J.  
Hill, Robt. H., architect, Ambridge, Pa.  
Hill, S., & Son, cornices & skylights, Santa Anna, Cal.  
Hill, Samuel, Hardware Co., Prescott, Ariz.  
Hill-Smith Metal Goods Co., for automobiles, 88 Pearl, Boston, Mass.  
Hill-Standard Mfg. Co., crank turning device, etc., Anderson, Ind.  
Hill & Stout, architects, 299 Madison av, New York.  
Hill, T. M., brick, Minburn, Ia.  
Hill, Thomas, common brick, Edgar, Wis.  
Hill, Thos., carts, 24 Pollock av, Jersey City, N. J.  
Hill, Thos., machsts., Bridgeport, Ohio.  
Hill-Thomas Lime & Cement Co., masons' & bldrs.' matls., East St. Louis, Ill.  
Hill, W. C., flour mills, Dandridge, Tenn.  
Hill, W. H., cornices & skylights, Marlboro, Mass.  
Hill, W. H., elec. fixtures, Cambridge Springs, Pa.  
Hill, W. V., stone, Morton, Pa.  
Hill, Walter E. & Co., htg. contrs., 203 N. Liberty, Baltimore, Md.  
Hill, Warren C., architect, 93 Federal, Boston, Mass.  
Hill, Wm. C., churns, wood pumps, Brasher Falls, N. Y.  
Hill, Wm. D., architect, Pottsville, Pa.  
Hill, Wm. E., Co., machsts. & fndrs., Kalamazoo, Mich.  
Hill, Wm. F., contractor, Superior, Wis.  
Hilland, W., mach. & fdr., Greensburg, Ind.  
Hillen, Frank, cornices & skylights, Burlington, Ia.  
Hillen Mfg. Co., machsts. & fndrs., Louisville, Ky.  
Hillenbrand Co., lbr., Batesville, Ind.  
Hillenbrand, Edw. F., glass stainers, 257 W. 29th, New York.  
Hiller, J. G., cardboard megaphone, 112 N. 4th av, Louisville, Ky.  
Hillerich & Bradsby Co., golf clubs, 725 S. Preston, Louisville, Ky.  
Hillerich, E. Walter, architect, 725 S. 24th, Louisville, Ky.  
Hillerich, J. F. & Sons Co., sporting & athletic goods mfrs., Louisville, Ky.  
Hiller's, R., Son Co., acetate of lead, 317 Pine, Jersey City, N. J.  
Hilles & Jones Co., machine tools, punching & sheering machy., etc., E. Wilmington, Del. *See adv index at end of book.*  
Hillger, Samuel E., architect, Seward blk, Auburn, N. Y.  
Hillgreen, Lane & Co., organs, Alliance, Ohio.  
Hillhouse & Taylor, masons' & bldrs.' matls., Willimantic, Conn.  
Hilliard Clutch & Machinery Co., clutches, etc., Elmira, N. Y.  
Hilliard Constr. Co., 7 E. 42d, New York.  
Hilliard, E. G., mill supplies, Duluth, Minn.  
Hillier's, R., Son Co., soap bark, powdered licorice, lac sulphur, etc., 100 William, New York.  
Hilliker, C. M., & Sons, machsts. & fndrs., Akron, Ia.  
Hillinger, R. J., & Co., fountain pen mfrs., 10 S. Wabash av, Chicago, Ill.  
Hillis, J. W., & Son, machsts. & fndrs., Ladoga, Ind.  
Hilliston Book Cloths, 2 W. 13th, New York.  
Hillje Bros., fertilizer mfrs., Weimar, Tex.  
Hillman Auto Supply Mfg. Co., auto windshields, 98 Massachusetts av, Boston, Mass.  
Hillman, Chas. L., & Son, architects, Provident Bldg., Phila., Pa.  
Hillman, F. G., mill & facty. supplies, New Bedford, Mass.  
Hillman, J. Constantine, architect, Pasadena, Cal.  
Hillman, J. H., & Sons Co., coal & coke, Oliver Bldg., Pittsburgh, Pa.  
Hillman, Jos., machy. dtrs., Minneapolis, Minn.  
Hillman, R. B., & Son, carriages, Pelham, N. H.  
Hillman, W. J., Co., turpentine, Jacksonville, Fla.  
Hillmann, Gustav F. C., naval architects, 470 Green av, Brooklyn, N. Y.  
Hillock & Pitman Co., wood handles, Logansport, Ind.  
Hills, Alfred L., contractor, Hartford, Conn.  
Hill's, Edw., Sons & Co., antimony, oils, soda ash, etc., 64 Wall, New York.  
Hills, Edwin, saddlery hardware, shovels, trowels, etc., Plainville, Conn.  
Hill's, F. J., Sons, machsts., 6 Howard, New York.  
Hills, F. O., machsts. & fndrs., Milroy, Ind.  
Hills, McCanna Co., mill & facty. supplies, pumps, etc., 153 W. Kinzie, Chicago, Ill.  
Hills, Robt. E., valve mfr., 153 W. Kinzie, Chicago, Ill.  
Hillsboro Brick & Tile Co., Hillsboro, Ill.  
Hillsboro Condensed Milk Co., canned, Hillsboro, Wis.  
Hillsboro Cotton Mills, Hillsboro, Tex.  
Hillsboro Dredging Co., Tampa, Fla.  
Hillsboro Milling & Mfg. Co., flour, Hillsboro, N. C.  
Hillsdale Plow Co., fndrs., Hillsdale, N. Y.  
Hillsdale Screen Co., Hillsdale, Mich.  
Hillsdale Canning Co., Fort Townsend, Wash.  
Hillsdale Granite Co., Roslyn, Pa.  
Hillsby & Perkins, contractors, 1825 Sansom, Philadelphia, Pa.  
Hillson, Hyman M., Co., ovens, Soverville, Mass.  
Hilltop Pure Food Co., Ltd., canned goods, Pittsburgh, Pa.  
Hillyard Lbr. Co., Hillyard, & Lake City, Wash.  
Hillyard Mfg. Co., disinfectants, St. Joseph, Mo.  
Hillyer-Speering-Dunn Co., ship bldrs., Jacksonville, Fla.  
Hilo Gum Co., vending mach., 1516 W. Van Buren, Chicago, Ill.  
Hils, Chas. L., Co., scrap iron, rubber, 832 Reedy, Cincinnati, O.  
Hilsenbeck, H. C., mill & facty. supplies, Greeley, Ia.  
Hiltebrant, C., Dry Dock Co., Kingston, N. Y.  
Hilton, A. H., Soap Co., Parsons, Kans.  
Hilton & Briggs, contractors, Battle Creek, Mich.  
Hilton-Dodge Sales Co., lbr. mfrs., Darien & Savannah, Ga.  
Hilton, J. C., canned goods, Nace, Va.  
Hilton, J. D., canned goods, Fincastle, Va.  
Hilton Lbr. Co., Wilmington, N. C.  
Hilton & Sadler, architects, Janesville, Wis.  
Hilton, Sam'l, fndrs., Paterson, N. J.  
Hilts, Wm. H., Co., cornices, 82 W. 3d, New York.  
Hilts Wrench & Mfg. Co., boiler flue cleaners, Richford, N. Y.  
Hilty, J. H., & Son, brick, Ada, Ohio.  
Hilty, M., Lbr. Co., ft. 12th, Milwaukee, Wis.  
Hiltz Harry B., architect, 141 Milk, Boston, Mass.  
Hiltz, John, & Sons, contractors, 3 Clay, Baltimore, Md.  
Himebaugh Bros., army cots, Jamestown, N. Y.  
Himebaugh, C. M., architect, Astoria, Ore.  
Himeblau, A. L., architect, 179 W. Washington, Chicago, Ill.  
Himes, Albert, Coal Co., masons' & bldrs.' matls., Grand Rapids, Mich.  
Himmel, M. L., & Son, show cases, 109 N. Frederick av, Baltimore, Md.  
Himmelberger-Harrison Lumber Co., Cape Girardeau, Mo.  
Himmelen & Bailey, belting mfrs., 248 Chestnut, Phila., Pa.  
Himoff Mach. Co., 50 Church, New York.  
Hinamon, D. M., stone producers, Marion, Ohio.  
Hincer Mfg. Co., folding chairs, garment hangers, Washington, Ind.  
Hinchey, Patrick F., & Co., slate mill stock, tubs, mantels, etc., Hydeville, Vt.  
Hinchliff, Geo., Co., contractors, 189 W. Madison, Chicago, Ill.  
Hinchliff Lumber Co., Galesburg, Ill.  
Hinchman, E. G., Co., htg. contrs., 1263 Atlantic av, Brooklyn, N. Y.  
Hinchman, Jno. R., architect, 437 5th av, New York.  
Hinchman & Pilat, architects, 52 B'way, New York.  
Hinchman-Renton Constr. Co., Granibold Holland Bldg., St. Louis, Mo.  
Hinckey, Jos. F., architects, Savings Bank Bldg., Ithaca, N. Y.  
Hinckley, Chas., machsts., Aurora, Ill.  
Hinckley-Dwight Lbr. Co., Gest & Dalon, Cincinnati, Ohio.  
Hinckley Fibre Co., Hinckley, N. Y.  
Hinckley, H. M., architect, Vineyard Haven, Mass.  
Hinckley, Henry N., architect, Savings Bk. Bldg., Ithaca, N. Y.  
Hinckley, W. R., architect, Bluehill, Me.  
Hinsks, Jos. L. S., caskets, coffins, etc., Old Town, Me.  
Hind, Edw. W., granite, Fitzwilliam Depot, N. H.  
Hind, Thos. J., contractor, 19 Milk, Boston, Mass.  
Hind, W. G., architect, 46 Kearny, San Francisco, Cal.  
Hinde Brick & Tile Co., Sandusky, Ohio.  
Hinde & Dauch Paper Co., Sandusky, Ohio.  
Hinderer's Iron Wks., machsts., 118 Camp, New Orleans, La.  
Hindle, Walter E., machst., 149 Lafayette, New York.  
Hindley, Edwin B., & Co., mill & facty. supplies, Paterson, N. J.  
Hindley Gear Co., 1105 Frankford av, Philadelphia, Pa.  
*See adv index at end of book.*  
Hindley Mfg. Co., screw eyes cotters, keys, etc., Valley Falls, R. I.  
Hindley Mfg. Co., screw hooks, Valley Falls, N. Y.  
Hinds & Coon, mill & facty. supplies, 126 Pearl, Boston, Mass.  
Hinds, J. A., & Co., flour mills, Rochester, N. Y.  
Hinds, Thomas, Co., machsts. & fndrs., Malone, N. Y.  
Hine Bros. Co., soap, fertilizer mfrs., 4023 S. Ashland av, Chicago, Ill.  
Hine, F. L., architect, 189 Montague, Brooklyn, N. Y.  
Hine & Froud Co., button mfrs., 271 Douglas, Brooklyn, N. Y.  
Hine-Watt Mfg. Co., auto lamps, track jacks, gasoline blow torches, 180 N. Market, Chicago, Ill.  
Hineline, J. M., & H. H., contrs., Freeport, Ill.  
Hiner, Lewis E., architect, Gary, Ind.  
Hines, Edward, Lumber Co., sash, door & blind mfrs., 2431 Lincoln, Chicago, Ill.  
Hines, Frank H., contractor, 128 W. 124th, New York.  
Hines, Frank, Jr., lumber, Ellsworth, Wis.  
Hines, H. C., & Co., cornices, 354 Humboldt av, Detroit, Mich.  
Hines & Ritchey, coppersmiths, Louisville, Ky.  
Hingley, J. A., machsts., Denver, Colo.  
Hinkel, J. K., Mfg. Co., carriage & wagon materials mfrs., Mechanicsburg, Pa.



- Hinkle, H. G., Inc., contractor, Altoona, Pa.  
Hinkle Iron Co., 534 W. 56th, New York.  
Hinkson Bros., machsts., East Brook, Pa.  
Hinman, Clarence G., architect, McKnight Bldg., Minneapolis, Minn.  
Hinman, D. A., & Co., machsts. & fndrs., Sandwich, Ill.  
Hinman Milking Mach. Co., Oneida, N. Y.  
Hinner's, E. H., Sons, masons' & bldrs.' matls., Edgewater, N. J.  
Hinner's Organ Co., Pekin, Ill.  
Hinnricks, Fredk., architect, 1750 Louis av, Milwaukee, Wis.  
Hinsdale, Reynold H., architect, Erie Bldg., Cleveland, Ohio.  
Hinsdale Woollen Mill, Hinsdale, Mass.  
Hinsdill Elec. Co., fixtures, 550 Fulton, Troy, N. Y.  
Hinslaw, S. T., & Co., flour, Yadkinville, N. C.  
Hinsman Machine & Tool Co., builders of special machinery tools, etc., Westfield, Mass.  
Hinson, C., & B. Co., auto. belts, 1511 Chase, Cincinnati, Ohio.  
Hinson, C., & Co., turpentine, Williston, Fla.  
Hinton Bros. Lbr. Co., Lumberton, Miss.  
Hinton & Cunningham, contractors, East Liverpool, Ohio.  
Hinton Hardware Co., Hinton, W. Va.  
Hinton Milling Co., flour, Hinton, W. Va.  
Hinton, W. C., contractor, Cordele, Ga.  
Hinz, Albert, cornices, 403 E. 16th, New York.  
Hinz Mfg. Co., annealing furnaces, Detroit, Mich.  
Hinz, H., machy., embossing & stamping presses, 116 Nassau, New York.  
Hi-Po Waterproof Battery Corp., 1007 Aalantic av., Brooklyn, N. Y.  
Hipolito Screen & Sash Co., Los Angeles, Cal.  
Hipp, Wm. S., contractor, Houston, Tex.  
Hippey, Edw., mach. & fndr., Portland, Ore.  
Hipple Planing Mill Co., sash, door & blind mfrs., Lock Haven, Pa.  
Hipple, W. B., machst., San Pedro, Cal.  
Hipskind, Alloys F., contr., Wabash, Ind.  
Hipskind, Alois F., contractor, Wabash, Ind.  
Hipskind, Chas., contr., Wabash, Ind.  
Hipskind Heating & Plumbing Co., Wabash, Ind.  
Hipskind, John F., contractor, Richmond, Ind.  
Hipwell, Chas. G., cornices & skylights, Davenport, Ia.  
Hipwell Mfg. Co., dry batteries, lamp guards, etc., 831 North W. av, Pittsburgh, Pa.  
Hiram Co-operative Canning Ass'n., Hiram, Me.  
Hire Stave & Tile Co., cooperage stock, Mark Center, Ohio.  
Hires Condensed Milk Co., 913 Arch, Philadelphia, Pa.  
Hires, Turner Glass Co., 30th & Walnut, Philadelphia, Pa.  
Hirons, J. A., architect, Dover, Del.  
Hirsch, Adolph, & Co., crude rubber, 63 Park Row, New York.  
Hirsch Bros., agricultural implmts, 267 Reed, Milwaukee, Wis.  
Hirsch Bros. & Co., canned goods, Louisville, Ky.  
Hirsch Bros. Co., canned goods, Pittsburgh, Pa.  
Hirsch Lbr. Co., 26 Beaver, New York.  
Hirsch Bros.' Mer. & Prov. Co., meat, Cape Girardeau, Mo.  
Hirsch, Cal., & Son, Iron & Rail Co., machinery dealers, 300 S. Broadway, St. Louis, Mo.  
Hirsch, D., & Bro., canned goods, Milford, Del.  
Hirsch Elec. Mine Lamp Co., 314 N. 12th, Phila., Pa.  
Hirsch, G., & Co., scrap iron, etc., Cleveland, Ohio.  
Hirsch, G., Sons, silk fringes, 890 Broadway, New York.  
Hirsch, H. O., contractor, Wainwright Bldg., St. Louis, Mo.  
Hirsch, I. L., cornices & skylights, Tacoma, Wash.  
Hirsch, John, smoking pipes, 130 W. 5th, Los Angeles, Cal.  
Hirsch, K., cornices, 2016 W. Division, Chicago, Ill.  
Hirsch, L. C., & Co., tin plate, metals, etc., 220 W. 19th, New York.  
Hirsch, Leo. H., & Co., buttons, 300 E. 22d, New York.  
Hirsch, Louis, knitting machs., 220 5th av, New York.  
Hirsch, Max, architect, 391 Fulton, Brooklyn, N. Y.  
Hirsch Rolling Mill Co., Ecoff & Manchester, St. Louis, Mo.  
Hirsch & Spitz Mfg. Co., mattresses, Atlanta, Ga.  
Hirsch, Willard, architect, Swetland Bldg., Cleveland, Ohio.  
Hirschberg, H. M., Co., arc light carbons, electrodes, etc., 1451 Broadway, New York.  
Hirschberger, H., Co., cornices & skylights, Portland, Ore.  
Hirschfeld, A., soap, Winona, Minn.  
Hirschfeld, Benjamin S., architect, 251 Kearny, San Francisco, Cal.  
Hirschfelder, Chas. M., architect, 62 State, Rochester, N. Y.  
Hirschfelder & Meaney, trunks, 519 Market, San Francisco, Cal.  
Hirschfeld, H., scrap iron, Bay City, Mich.  
Hirschfelds, Theo., Sons Co., contractors, 1036 Straight, Cincinnati, Ohio.  
Hirschl & Bendheim, smoking pipes, Washington, Mo.  
Hirschman, J. C., Co., mattresses, 1201 E. Maryland, Indianapolis, Ind.  
Hirschorn, Schoenberger & Krieger, arch'l iron, 608 E. 133d, New York.  
Hirsh, Leon, & Son, ammonia, potash, etc., 368 Greenwich, New York.  
Hirsh & Schofield, brewers' & malsters' machy & supplies, 50 Broad, New York.  
Hirsh, Stein & Co., glue & fertilizer mfrs., 111 W. Wash., Chicago, Ill.  
Hirshberg, Hollander & Co., paint mfrs., 106 W. Pratt, Baltimore, Md.  
Hirshfeld, Herman, pearl buttons, New Milford, N. J.  
Hirshi, E. L., who. hdwe., Guthrie, Okla.  
Hirshstein, J. M., architect, Century Bldg., St. Louis, Mo.  
Hirst & Begley Linseed Co., 2013 Mendel, Chicago, Ill.  
Hirt Bros., cornices, 2013 Elm, Cincinnati, Ohio.  
Hirth, A., & Co., stone producers, Grand Rapids, Mich.  
Hiscox, Jas. A., architect, Norwich, Conn.  
Hisgen Bros., oils & greases, Tivoli, Albany, N. Y.  
Hislop, Jas. W., machsts, Troy, N. Y.  
Hiss, Phillip, decorative architect, 452 5th av, New York.  
Hiss & Weekes, architects, 452 5th av, New York.  
Hist Potato Machinery Co., potato diggers, Alliance, Ohio.  
Histand, H. H., architect, Doylestown, Pa.  
Hitchcock, A. H., publisher, 508 E. Dearborn, Chicago, Ill.  
Hitchcock & Curtiss Knitting Co., Hartford, Conn.  
Hitchcock, F. F., cornices & skylights, Woodbury, Conn.  
Hitchcock Hardware Co., Watertown, Conn.  
Hitchcock, L., canned goods, Eagle Harbor, N. Y.  
Hitchcock, E. H., & Son, wholesale hdwe., Nashville, Tenn.  
Hitchcock, W. A., architect, Laramie, Wyo.  
Hitchens, Chas. P., architect, Keenan Bldg., Pittsburgh, Pa.  
Hitchings, Ben G., sash, door & blind mfrs., E. 34th nr. Av H., Brooklyn, N. Y.  
Hitchings & Co., mchsts & fndrs., Elizabeth, N. J.  
Hitchings, Geo. F., horticultural architect, 1170 Broadway, New York.  
Hitchner & Bassett, masons' & bldrs.' matls., Woodstown, N. J.  
Hite, W. W., & Co., mill & facty. supplies, 523 W. Main, Louisville, Ky.  
Hiteshew & Co., masons' & bldrs.' matls., Chambersburg, Pa.  
Hitners, Hy. A., Sons' Co., scrap iron & steel, Hunting & Aramingo av, Philadelphia, Pa.  
Hitt, H. H., Lumber Co., Decatur, Ala.  
Hitz, C., Foundry Co., Girard, Kas.  
Hitz, Chas., cornices, Providence, R. I.  
Hitzerth, Edw., archl. iron, 3120 Market, Phila., Pa.  
Hjermstad, J. M., machinist, Red Wing, Minn.  
Hjorth Lathe & Tool Co., 27 School, Boston, Mass.  
Hjorth Lathe & Tool Co., mchts. & fndrs., Woburn, Mass.  
Hjorth, Wm., Co., pliers & nippers, Jamestown, N. Y.  
Hjul, Jas. H., contractors, California & Davis, San Francisco  
Hladik, J. C., architect, Monadnock blk., San Francisco, Cal.  
H. & N. Carburetor Co., 1675 Broadway, New York  
H-O Co., oatmeal, feed, etc., Buffalo, N. Y.  
Hoadley, J., & Sons' Co., stone producers, Stinesville, Ind.  
Hoadley Stone Co., Bloomington, Ind.  
Hoag, C. F., Co., knitted gloves, Poughkeepsie, N. Y.  
Hoag Duster Co., Monticello, Ia.  
Hoag & Houseman, cash, door & blind, Springport, Mich.  
Hoag, Wm. M., masons' & bldrs.' matls., 120 Liberty, New York.  
Hoagland, E. L., contractor, Portsmouth, Va.  
Hoagland, G. A., & Co., masons' & bldrs.' matls., Omaha, Neb.  
Hoagland, Geo. E., architect, State Life Bldg., Indianapolis, Ind.  
Hoagland-Thayer, Inc., automobiles & stor. battery trucks, 300 Washington, Newark, N. J.  
Hoagland's, M., Sons' Co., mchsts. & fndrs., Rockaway, N. J.  
Hoaglin, F. L., gasoline funnels, Waupaca, Wis.  
Hoaglin Mfg. Co., fly killers, Waupaca, Wis.  
Hoarse, J., & Co., cut glassware, Corning, N. Y.  
Hoban Brass Fdry. Co., Dayton, Ohio.  
Hoban & Roach, contractors, South Bend, Ind.  
Hobart Allfree Co., car replacers, derailleurs, etc., 37 W. Van Buren, Chicago, Ill.  
Hobart Bros. Co., stor. battery charging sets, Troy, Ohio.  
Hobart-Lee Tie Co., lumber, Springfield, Mo.  
Hobart, Lewis P., architect, Crocker Bldg., San Francisco, Cal.  
Hobart Mfg. Co., mchsts, Troy, Ohio.  
Hobaugh & Weiner, stone, Butler, Pa.  
Hobbes, Jno. A., architect, Stewart Bldg., Utica, N. Y.  
Hobbs, Clinton E., bolt, nut & rivet mfrs., 12 Pearl, Boston, Mass.  
Hobbs Concrete Mach. Co., 1445 W. Gd. blvd., Detroit, Mich.  
Hobbs & Dunn, landscape archs, State Life Bldg., Indianapolis.  
Hobbs Hardware Co., Raton, N. Mex.  
Hobbs Mfg. Co., canned goods, Denton, Md.  
Hobbs Mfg. Co., paper box machy., Worcester, Mass.  
Hobbs, Raymond, architect, Pasadena, Cal.  
Hobbs, W. H., Supply Co., cornices & mill & facty. supplies, Eau Claire, Wis.  
Hobbs, Wall & Co., lumber, Fife Bldg., San Francisco, Cal.  
Hobensack, Wm., machsts., Ivyland, Pa.  
Hoberg, John, Co., paper & pulp mills, Green Bay, Wis.  
Hobert Mill & Elevator Co., flour, Thomas, Okla.  
Hoboken Bluestone Co., Hoboken, N. J.  
Hoboken Paper Mill Co., Hoboken, N. J.  
Hobron, Thos. W., gas engines, Lick Bldg., San Francisco, Cal.  
Hobson Bros., common brick, Wenatchee, Wash.  
Hobson & Co., agricultural implements, Easton, Pa.  
Hobson & Co., stone producers, Saginaw, Mich.  
Hobson-Houghton & Co., steel, 83 Beekman, New York.  
Hobson & Lawler Co., steam fitters' supplies, Lowell, Mass.  
Hoch Bros., who. hdwe., Chicora, Pa.  
Hoch, Hames Co., Hazelton, Pa.  
Hoch, Oscar S., contractor, Allentown, Pa.  
Hochenauer, Jos., machsts., Pueblo, Colo.  
Hochgesand, A. M., & Sons, common brick, Jasper, Ind.  
Hock, Chas., contractor, 180 Jessie, San Francisco, Cal.  
Hockaday Co., paint mfrs., 1831 Carroll, Chicago, Ill.



- Hockaday, E., & Co., who. hdwe., Kingfisher, Okla.  
Hockenjos, J. J., Co., plate glass., 829 Broad, Newark, N. J.  
Hockensmith Wheel & Mine Car Co., Penn Station, Pa.  
Hocker Bros., common brick, De Pere, Wis.  
Hocker, E. W., & Co., contractors, Springfield, Ill.  
Hockett, J. A., & Co., brown corn, Wichita, Kans.  
Hocking Valley Brick Co., Columbus, Ohio.  
Hocking Valley Fire Clay Co., Nelsonville, O.  
Hocking Valley Mfg. Co., agricultural implements, Lancaster, O.  
Hocking Valley Products Co., Greendale rug brick mfrs., 175 So. High, Columbus, Ohio.  
Hocking Valley Ry. Shops, mchsts. & fndrs., Columbus, Ohio.  
Hockman, J. P., canned goods, Shenandoah, Va.  
Hockman, Maurice Allen, architect, Watertown, S. D.  
Hocter, P., & Son, stone producers, Hudson, N. Y.  
Hodapp Hominy Co., Seymour, Ind.  
Hodapp & Miller, harness, saddles & strap wk. mfrs., Louisville, Ky.  
Hodder Constr. Co., Braddock, Pa.  
Hoddick, August C., architect, 126 Liberty, New York.  
Hodgart & Co., steam fitters' supplies, 122 S. Mich. av, Chicago.  
Hodgdon Bros., motor boat, launch & yacht bldrs., East Boothbay, Me.  
Hodgdon, Geo., & Son, architects, 333 4th av, Pittsburgh, Pa.  
Hodge, A. L., & Son, masons' & bldrs.' matls., Roxbury Station, Conn.  
Hodge, B. J., architect, Berry blk., Nashville, Tenn.  
Hodge Boiler Wks., steel plate wks., 99 Summer, E. Boston, Mass.  
Hodge Fence & Lumber Co., Lake Charles, La.  
Hodge & Graves Co., auto & folding seats, Amesbury, Mass.  
Hodge & Homer Co., machsts.' tools & supplies, 549 W. Madison, Chicago, Ill.  
Hodge, Jeremiah, packing boxes, sashes, doors, etc., Manchester, N. H.  
Hodge Mfg. Co., mchsts. & fndrs., Greenville, Pa.  
Hodge, Omar, architect, 1016 Main, Richmond, Ind.  
Hodgeden & McDonald, lumber, Aitken, Minn.  
Hodgens, H. Childs, architects, Finance Bldg., Philadelphia, Pa.  
Hodgenville Roller Mills, flour, Hodgenville, Ky.  
Hodges Broom Works, Atlanta, Ga.  
Hodges Bros., lumber, Olathe, Kans.  
Hodges, C. S., lumber, Cyrene, Ga.  
Hodges, Chas. E., architect, Bankers' Invst. Bldg., San Francisco, Cal.  
Hodges Fibre Carpet Co., 25 Madison av, New York.  
Hodges, Frederick G., mattresses, Reading, Pa.  
Hodges, W. W., Co., architects, Schofield Bldg., Cleveland, O.  
Hodgins, E. C., & Son, contractors, Bangor, Me.  
Hodgins, Victor, architect, Bangor, Me.  
Hodgkins, Howard G., architect, 179 W. Washington, Chicago, Ill.  
Hodgkins, J. F., Co., machsts. & fndrs., Gardiner, Me.  
Hodgkinson, J., & Son, sash, door & blind mfrs., Hyde Park, Mass.  
Hodgman Rubber Co., 8 W. 40th, New York.  
Hodgson, Chancey, W., architect, Penn Bldg., Pittsburgh, Pa.  
Hodgson, Ernest F., Co., portable houses, 116 Washington, Boston, Mass.  
Hodgson Fndry. Co., 2012 W. 13th, Chicago, Ill.  
Hodgson, G. C., & Co., contractors, Reibold Bldg, Dayton, Ohio.  
Hodgson, Leslie S., architect, Ogden, Utah.  
Hodgson, Oliver, contractor, 275 E. 7th S., Salt Lake City, Utah.  
Hodkinson, S. M., htg. contr., 410 W. 125th, New York.  
Hodnett, Adkins Mobley, Co., wholesale hardware, Danville, Va.  
Hodson, F. Garvin, architect, Redlands, Cal.  
Hodson, G. & A., machsts., 226 Arch, Philadelphia, Pa.  
Hodson, John M., pearl buttons, twine, tex. mchy., etc., Boone & Markle, Philadelphia, Pa.  
Hodson, O. O., cornices & skylights, McMinnville, Ore.  
Hoe, R., & Co., machsts. & fndrs., 504 Grand, New York.  
Hoe, Richard J. C., sash door & blind mfr., 78 Lake, Jersey City, N. J.  
Hoefel, Frederick, cornices, Pottsville, Pa.  
Hoefel Mfg. Co., machsts., Freeport, Ill.  
Hoefler & Co., contractors, 133 W. Washington, Chicago, Ill.  
Hoefler, Conrad, architect, 703 W. 5th, Fort Worth, Tex.  
Hoefner, A., & Sons, soap, 160 Van Rensselaer, Buffalo, N. Y.  
Hoeft & Co., drop forgings, dies, tools, etc., 1600 W. Kinzie, Chicago, Ill.  
Hoegge, Wm. H., Co., filter cloths & gun holsters, Los Angeles, Cal.  
Hoegg, D. W., Co., canned goods, Portland, Me.  
Hoehn, Fred, sad iron handles, Cleveland, Ohio.  
Hoehn, R., Co., hydrometers, 31 Union sq, New York.  
Hoehn, Wm., Co., arch'l iron, 218 W. 20th, New York.  
Hoehne, Ferdinand, machst., Kaukauna, Wis.  
Hoellerer, Jos., cornices, 91 Union av, Brooklyn, N. Y.  
Hoelscher Bros., plumbers' supplies, 1310 W. Division, Chicago, Ill.  
Hoen, Rudolph G., architect, Joliet Nat'l Bk. Bldg., Joliet, Ill.  
Hoenigsberger, A., carriage robes, 16 S. Market, Chicago, Ill.  
Hoepner Automatic Scale Co., 1401 W. Jackson blvd, Chicago, Ill.  
Hoepfner-Bartlett Co., contractors, Eau Claire, Wis.  
Hoepfner, Richard, contractor, 2602 Kilburn av, Milwaukee, Wis.  
Hoening, C. V., patterns & models, 427 N. Park, Columbia, Ohio.  
Hoerlein, F. G., gas stoves, 200 Nostrand av, Brooklyn, N. Y.  
Hoermann, Carl, architect, 30 N. Dearborn, Chicago, Ill.  
Hoernel Hardware Co., Racine, Wis.  
Hoerner, H. J., & Sons, stone, 30 Lister av, Newark, N. J.  
Hoersting & Holtmann, cornices, 1133 W. 3d, Dayton, Ohio.  
Hoertz, Chas., & Son, contractors, Grand Rapids, Mich.  
Hoevel Mfg. Corp., sand blast machs., 50 Church, New York.  
Hoey, Edw. D., contractor, McKeesport, Pa.  
Hoey & Gallaher Fndry. & Mach. Co., Kittanning, Pa.  
Hoey, John & Co., mattresses, Alameda & Rhode Island, San Francisco, Cal.  
Hof, Geo., Jr., architect, 371 E. 158th, New York.  
Hofeller-Loeser Co., scrap rubber, Depew, N. Y.  
Hofeller, Theo., & Co., scrap rubber, brass, copper, etc., 206 Scott, Buffalo, N. Y.  
Hofer, A. E., architect, 2120 E. 58th, Kansas City, Mo.  
Hofer, G., & Sons Co., cornices & skylights, Toledo, Ohio.  
Hoff & Bro., wholesale hardware, 403 Penn sq, Reading, Pa.  
Hoffecker Bros. & Hall Co., Smyrna, Del.  
Hoffecker Co., screw machine & sheet metal products, experimental & special machinery, 222 Eliot, Boston, Mass.  
Hoffecker, J. H., Canning Co., Smyrna, Del.  
Hoffeld, R., & Co., mill & facty. supplies, 61 Carroll, Buffalo, N. Y.  
Hoffer, Allen R., & Co., scrap iron, Penna. Bldg., Phila., Pa.  
Hoffer, W., Furniture Co., music cabinets, Cohoes, N. Y.  
Hoffheimer Bros. Co., distillers, 123 Sycamore, Cincinnati, Ohio.  
Hoffman-Ahlers Co., brewers' & malsters' machy. & supplies, 828 E. Pearl, Cincinnati, Ohio.  
Hoffman, B., Mfg. Co., mill, facty. & plumbers' supplies, 257 6th, Milwaukee, Wis.  
Hoffman & Baur, cornices, 279 Lake, Milwaukee, Wis.  
Hoffman & Billings Mfg. Co., mill, facty. & plumbers' supplies, 100 2d, Milwaukee, Wis.  
Hoffman Bros., contractors, Punxsutawney, Pa.  
Hoffman Bros. Co., lumber mfrs., Ft. Wayne, Ind.  
Hoffman & Bryan, cornices & skylights, Findlay, Ohio.  
Hoffman, C. J., & Son, contractors, Rochester, N. Y.  
Hoffman, Chas., contractor, Jamaica, N. Y.  
Hoffman, Chas., Co., cornices & skylights, Mansfield, Ohio.  
Hoffman Co., architects, Finance Bldg., Philadelphia, Pa.  
Hoffman-Corr Mfg. Co., tex. machy. (tapes, braids & cords), 312 Market, Philadelphia, Pa.  
Hoffman, De Witt & McDonough Co., Cheltenham, Pa.  
Hoffman, B., Mfg. Co., steam fitters', plumbers' & mill supplies, 257 6th, Milwaukee, Wis.  
Hoffman, Edward, canned goods, Denton, Md.  
Hoffman, Elias, contractors, 39 Center, New Haven, Conn.  
Hoffman Engineering & Contracting Co., Penna. Bldg., Phila., Pa.  
Hoffman, Eugene M., architect, Spreckles Bldg., San Diego, Cal.  
Hoffman, F. Burrall, Jr., architect, 17 E. 40th, New York.  
Hoffman, F., Co., contractors, Wilkinsburg, Pa.  
Hoffman, F. S., & Co., silver nov., 223 E. 23d, New York.  
Hoffman, Fred, Sons, contractors, Youngstown, Ohio.  
Hoffman, Geo. J., & Co., architects, Rochester, Minn.  
Hoffman, Geo. J., Co., contractors, South Bend, Ind.  
Hoffman, Geo. W., Co., metal polish, 557 E. Washington, Indianapolis, Ind.  
Hoffman, H. C., & Co., pkg. box mfrs., Bridgeport, Conn.  
Hoffman, H. Curtis, architect, Shiller Bldg., Oak Park, Ill.  
Hoffman Hardware Co., Los Angeles, Cal.  
Hoffman Hardware Co., Texarkana, Ark.  
Hoffman Heater Co., gas water heaters, Washington, Lorain, O.  
Hoffman, Henry, contractor, Millville, N. J.  
Hoffman, Hy., Spring Bed Co., mattresses, 396 Madison, New York.  
Hoffman Hinge & Fndry. Co., Hubbard, Porter & Burlington, Cleveland, Ohio.  
Hoffman, J. C., spools, mailing tubes, etc., 10 Jones, New York.  
Hoffman, J. C., & Bro., cornices, Sharon, Pa.  
Hoffman, J. H. B., cornices, Albany, N. Y.  
Hoffman, J. R., stone producers, Fort Worth, Texas.  
Hoffman, J. T., & Son, canned goods, Fincastle, Va.  
Hoffman, Jas., contractor, Millville, N. J.  
Hoffman, John F., Jr., soap, Sedalia, Mo.  
Hoffman, John, Packing Co., meat, Baymiller, nr. Central, Cincinnati, Ohio.  
Hoffman & Kropff Chemical Co., sulphur colors, Porter av, Brooklyn, N. Y.  
Hoffman, L., desk pads, 18 Spruce, New York.  
Hoffman, Louis, Hardware Co., Vicksburg, Miss.  
Hoffman, Louis P., architect, 826 Jefferson, Buffalo, N. Y.  
Hoffman, M. J., Const. Co., contrs., Evansville, Ind.  
Hoffman-Marks Co., whol. hdwe., 226 S. Main, Los Angeles, Cal.  
Hoffman-Marquard Iron & Mach. Co., St. Louis, Mo.  
Hoffman Motor Truck Co., Minneapolis, Minn.  
Hoffman, Oliver D., stone, Bechtelsville, Pa.  
Hoffman, Oscar, architect, Decatur, Ind.  
Hoffman, P., & Bro., fertilizer mfrs., Raubsville, Pa.  
Hoffman Paint & Varnish Co., Waters av, Boston, Mass.  
Hoffman, Paul, horse collars, Dubuque, Iowa.  
Hoffman, Peter, cornices & skylights, Madison, Ind.  
Hoffman, R. C., & Co., scrap iron, Continental Bldg., Baltimore, Md.  
Hoffman, R. S., paper & pulp mill, Bladwinville, N. Y.  
Hoffman, S. C., cornices & skylights, Leavenworth, Kan.  
Hoffman & Scofield, tin plate, 100 Beekman, New York.



- Hoffman, W. L., & Co., contractors, 133 W. 47th, Chicago, Ill.  
Hoffmann, E. J. T., architect, 63 E. 71st, Portland, Ore.  
Hoffman-La Roche Chemical Wks., 440 Washington, New York.  
Hoffmann, W. A., cornices & skylights, Galveston, Tex.  
Hoffman, Wm., auto. wood bodies, 51 3d, Milwaukee, Wis.  
Hoffman's, John, Sons Co., meat packers, 2148 Colerain av., Cincinnati, Ohio.  
Hoffman's, P., Son, cornices, Sharon, Pa.  
Hoffmeyer Bros., contractors, 308 Dearborn, Buffalo, N. Y.  
Hoffner, Adam, contractor, Butler, Pa.  
Hofherr, Geo. W., glass stainers, 409 E. Fayette, Baltimore, Md.  
Hofman, A. C., & Sons, meat packers, Syracuse, N. Y.  
Hofmann, John, cornices, Dixon, Ill.  
Hofstatter, Theo., & Co., interior hardwood wk., 668 5th av., New York.  
Hoffstetter & Dawson, contractors, Marion, Ohio.  
Hofius Steel & Equipment Co., structural dlrs., Seattle, Wash.  
Hog-Jay Co., oilers, Springfield, Ill.  
Hogan, Andrew S., contractor, Fargo, S. D.  
Hogan & Di Genno, sash, door & blind mfrs., 1616 Webster av., New York.  
Hogan, Jas. H., contr., 138 Davenport av., New Haven, Conn.  
Hogan, Martin J., contractors, 429 Burnet av., Syracuse, N. Y.  
Hogan Milling Co., flour, Junction City, Kan.  
Hogan Sheet Metal Wks., cornices, East St. Louis, Ill.  
Hogan, Wm. A., architect, Rockaway Park, N. Y.  
Hogarty, Edw., machsts. & fndrs., Unionville, Conn.  
Hogberg & Ludwig, contractors, 180 Jessie, San Francisco, Cal.  
Hogberg Oven Co., Marquette Bldg., Chicago, Ill.  
Hoge, H. H., cooperage stock, New Knoxville, Ohio.  
Hoge Mfg. Co., clutch pencils; thumb tacks, 45 John, New York.  
Hogg, Geo., Co., contractors, Braddock, Pa.  
Hogg-Harris Lbr. Co., Wright Bldg., St. Louis, Mo.  
Hogg, Jas. O., architect, N. Y. Life Bldg., Kansas City, Mo.  
Hogg Lumber Co., Glen Jean, W. Va.  
Hoggson Bros., contractors, 485 5th av., New York, & 129 Church, New Haven, Conn.  
Hoggson & Pettis Mfg. Co. (The), small tools, dies, molds, etc., mfrs., 161 Brewery, New Haven, Conn.  
Hoggson, S. H., & Co., models & experimental wk., 17 Thames, New York.  
Hogin, McKinney & Co., mill & fcty. supplies, Marion, Ind.  
Hogle, Albert P., Co., htg. contrs., 1522 Flatbush av., B'klyn, N. Y.  
Hoglund, G. E., Foundry Co., Gardner, Mass.  
Hogue, S. D., & Son, machinists, Baton Rouge, La.  
Hohenadel, P., Jr., Canning Co., Rochelle, Byron, Rockford, Ill., & Janesville, Wis.  
Hohenschild, H. H., architect, Navarre Bldg., St. Louis, Mo.  
Hohensee, Herman, contractor, 965 27th, Milwaukee, Wis.  
Hohlfeld Mfg. Co., hammock mfrs., 10th & Allegheny, Phila., Pa.  
Hohlfelder, F., Co., chaplets (foundry), 1197 W. 67th, Cleveland, Ohio.  
Hohlock, J. F., contractor, Youngstown, Ohio.  
Hohman, C., & Sons, meat packers, 2038 E. Monument, Baltimore, Md.  
Hohner, M., organs & harmonicas, 114 E. 16th, New York.  
Hohnsbehn Creamery Supply Co., Waverly, Ia.  
Hohulin Bros., woven wire fences, Goodfield, Ill.  
Hohl Mfg. Co., pumps, grinders, stamps, etc., 45 N. Division, Buffalo, N. Y.  
Hoisting Machy. Co., 50 Church, New York.  
Hoit, Henry F., architects, 315 E. 10th, Kansas City, Mo.  
Hoke Oil & Fertilizer Co., Raeford, N. C.  
Hoke Plumbing & Heating Co., Shreveport, La.  
Hoke Tractor Co., traction engines, South Bend, Ind.  
Holabird-Reynolds Elec. Co., Los Angeles, Cal.  
Holabird & Roche, architects, 104 S. Michigan av., Chicago, Ill., N. Y. Life Bldg., Kansas City, Mo., & 2 W. 47th, New York.  
Holaday & Bailey, cornices & skylights, Tacoma, Wash.  
Holahan, Thos., contractor, 164 Lewis, Rochester, N. Y.  
Holben, M. W., contractor, Gary, Ind.  
Holbert & Spedden Co., contractors, Fairmont, W. Va.  
Holbrook-Armstrong Iron Co., machsts. & fndrs., Racine, Wis.  
Holbrook Bros., plate glass, 89 Beekman, New York.  
Holbrook, Cabot & Rollins Corp., contractors, 6 Beacon, Boston, Mass.  
Holbrook Co., auto. metal bodies, West End & 67th, New York.  
Holbrook, Erwin G., architect, Whitaker Bldg., Davenport, Ia.  
Holbrook, F. G., lbr. mfrs., Bedford, N. H.  
Holbrook, H. E., Co., mfrs. casement hdwe., 200 Devonshire, Boston, Mass.  
Holbrook, Harry C., architect, Outlook Bldg., Columbus, Ohio.  
Holbrook, M. G., steam htg. contrs., The Arcade, Cleveland, O.  
Holbrook Mfg. Co., textile machy. & supplies, 18th, Jersey City, N. J.  
Holbrook, Merrill & Stetson, whol. hdwe., & plumbers' supplies, 6th & Bluxome, San Francisco, Cal.  
Holbrook Raw Hide Co., 748 N. Main, Providence, R. I.  
Holcker Bros. Buggy Co., carriages, Crestline, Ohio.  
Holcker-Elberg Mfg. Co., auto. bodies, tops & windshields, N. E. cor. 16th & McGee, Kansas City, Mo.  
Holcomb Bros., masons' & bldrs.' matls., Sycamore, Ill.  
Holcomb Co., auto. bodies, wood, New Haven, Conn.  
Holcomb, D. S., & Co., machy. dlrs., 243 Canal, New York.  
Holcomb & Hoke Mfg. Co., pop corn machs., Indianapolis, Ind.  
Holcomb, J. I., Mfg. Co., bottle brushes, & brooms, 1543 Van Buren, Indianapolis, Ind.  
Holcroft, W. H., & Co., contractors, Chester, Pa.  
Holdam & Son, contractors, Chattanooga, Tenn.  
Holden, B. E., architect, Main, Aurora, Ill.  
Holden Clay Products Co., brick, Mineral City, Ohio.  
Holden, E. M., contractor, Brattleboro, Vt.  
Holden, Frank H., architect, 485 5th av., New York.  
Holden, Jas., cordage & twine mfr., Fall River, Mass.  
Holden, Lansing C., architect, 103 Park av., New York.  
Holden Lumber Co., Gloversville, N. Y.  
Holden, M. J., Lumber Co., sash, door & blind, Adams, Mass.  
Holden & Martin Lbr. Co., sashes, doors & blinds, Brattleboro, Vt.  
Holden, N. E., masons' & bldrs.' matls., Danville, Ill.  
Holden Paper Co., Newburgh, N. Y.  
Holden & Quick, shoe patterns, 120 Centre, New York.  
Holden & White, overhead matl. (electric ry.), 1508 Fisher Bldg., Chicago, Ill.  
Holder Hardware Co., Bloomington, Ill.  
Holder, Henry, Jr., architect, 242 Franklin av., B'klyn, N. Y.  
Holderbaum, Jas. B., & Son, whol. hdwe., Somerset, Pa.  
Holderfield Supply Co., masons' & bldrs.' matls., Muncie, Ind.  
Holdridge, G. W., & Co., contractors & stone producers, Catskill, N. Y.  
Holdridge, Hiram A., Co., flour mills, Lima, Ohio.  
Holes Bros., granite, St. Cloud, Minn.  
Holesworth, Geo. E., architect, Reno, Nev.  
Holfeltz, J. R., Co., masons' & bldrs.' matls., Iron Mountain, Mich.  
Holgaard, C. J., Co., contractors' tents, 30 Washington av., N., Minneapolis, Minn.  
Holgan Bros., machsts., 9 Baxter, New York.  
Holgate Bros. Co., broom blocks, wood handles, Kane, Pa.  
Holladay, Henry T., Jr., flour mills, Rapidan, Va.  
Holland, A. Raymond, architect, Bailey Bldg., Philadelphia, Pa.  
Holland-American Fruit Products Co., canned, Decatur, Ark.  
Holland Aniline Co., Holland, Mich.  
Holland Brass Wks., 616 W. Monroe, Chicago, Ill.  
Holland Bros., meat packers, Albany, N. Y.  
Holland Canning Co., Holland, Mich.  
Holland & Co., wholesale hdwe., Mendota, Ill.  
Holland-Cook Mfg. Co., porch columns, Tacoma, Wash.  
Holland, E. J., Constr. Co., contractors, Atlantic City, N. J.  
Holland, Edw. S., architect, 78 Devonshire, Boston, Mass.  
Holland, Frank S., architect, 100 Haight, San Francisco, Cal.  
Holland, Frank, & Son, machsts., 683 Lorimer, B'klyn, N. Y.  
Holland Furnace Co., Holland, Mich.  
Holland, H. O., architect, Mutual Life Bldg., Buffalo, N. Y.  
Holland Hardware Co., wholesale, Newburgh, N. Y.  
Holland-Horr Mill Co., lumber, Spokane, Wash.  
Holland Instrument Corp., powder blowers, rubber syringes, 2314 N. 11th, Philadelphia, Pa.  
Holland, J. C., & Son, architects, Mills Bldg., Topeka, Kans.  
Holland, J. R., lumber, Collins, Ga.  
Holland, John, Gold Pen Co., 129 E. 4th, Cincinnati, Ohio.  
Holland Launch & Engine Co., machsts., Holland, Mich.  
Holland Leather Board Co., Hop River, Conn.  
Holland Mfg. Co., nails, tacks, staple mfrs., etc., Central av & Bank, Baltimore, Md.  
Holland Mfg. Co., silk thread, Willimantic, Conn.  
Holland Piano Mfg. Co., 205 Metropolitan Life Bldg., Minneapolis, Minn.  
Holland, S. G., Stave Co., cooperage stock, Nashville, Tenn.  
Holland-St. Louis Sugar Co., Holland, Mich.  
Holland, Sam'l., machst. & fndr., Park River, N. D.  
Holland, Stephen, & Sons, masons' & bldrs.' matls., Hornell, N. Y.  
Holland Supply Corp., fertilizer mfrs., Holland, Va.  
Holland, Thos., & Sons, dumb waiters, 211 E. 84th, New York.  
Holland Trolley Supply Co., boxes, trolley bases, etc., 1623 E. 43d, Cleveland, Ohio.  
Holland, William H., flour mills, Seale, Ala.  
Hollander & Johnson, drop forging dies, rubber molds, Worcester, Mass.  
Hollander & Morrill, wood auto. bodies, Amesbury, Mass.  
Hollands Mfg. Co., bench vices, 352 E. 18th, Erie, Pa.  
Hollenbach, Frank H., flour mills, Schnecksville, Pa.  
Hollenback, Edwin E., Inc., contractor, 200 N. 15th, Phila., Pa.  
Hollenbeck, A. C., brick, Missoula, Mont.  
Hollenbeck, Bush Planing Mill Co., Fresno, Cal.  
Hollenbeck Mfg. Co., drag road scrapers, rollers, etc., Holdrege, Neb.  
Holler, Chas., masons' & bldrs.' matls., Hummelstown, Pa.  
Holler, John H., Jr., architect, 82 Wall, New York.  
Hollerbach & May Contract Co., contrs., Evansville, Ind.  
Hollerlith Building & Contracting Co., 1298 Union av., New York.  
Hollern & Johnson, contractors, St. Cloud, Minn.  
Holley Bros. Co., carbureters, gas igniters, 141 Rowena, Detroit, Mich.  
Holley Co., knife sharpeners, 21 Elm, Rochester, N. Y.  
Holley Mfg. Co., cutlery mfrs., Lakeville, Conn.  
Holley-Mason Hardware Co., Spokane, Wash.  
Holliday Eng. Co., machsts., 1818 Milwaukee av., Chicago, Ill.  
Holliday-Kemp Co., chemicals, Woodside, L. I.  
Holliday, Lewis J., architect, Laramie, Wyo.  
Holliday, Read & Sons, Ltd., aniline colors, 160 Franklin, New York.



- Holliday, W. H., Co., whol. hdwe. & masons' & bldrs.' matls., Laramie, Wyo.
- Holliday, W. J., & Co., mill & facty. supplies, heavy iron, steel & whol. hdwe., etc., 326 W. Georgia, Indianapolis, Ind.
- Hollihan & Milostan, cornices, Duluth, Minn.
- Hollinger Cutlery Co., Fremont, Ohio.
- Hollinger, Jacob F., harness, Lowell, Ohio.
- Hollinger Job Construction Co., New Nelson Bldg., Kansas City, Mo.
- Hollinger, M. G., & Co., cornices, Marion, Ind.
- Hollinger Planing Mill Co., sash, door & blind, Chambersburg, Pa.
- Hollingshead, J. D., Co., cooperage stock, 208 S. La Salle, Chicago, Ill.
- Hollingshead-Kernan Co., sash, door & blind mfrs., Homestead, N. J.
- Hollingshead, R. M., Co., lubricating oils & greases, Camden, N. J.
- Hollingshurst & Co., bone dlrs., etc., 66 Beaver, New York.
- Hollingsworth & Bragdon, architect, 9 E. 40th, New York.
- Hollingsworth, Henry, flour, Wyandotte, Okla.
- Hollingsworth, J. E., & Co., contractors, Memphis, Tenn.
- Hollingsworth, Jos., masons' & bldrs.' matls., Temple, Tex.
- Hollingsworth & Peterson, chemicals, Lafayette Bldg., Philadelphia, Pa.
- Hollingsworth & Vose Co., paper & pulp mills, 141 Milk, Boston, Mass.
- Hollingsworth, W. T., archt. iron, Covington, Ky.
- Hollingsworth Wheel Co., Hagerstown, Md.
- Hollingsworth & Whitney Co., paper & pulp mills, 185 Devonshire, Boston, Mass.
- Hollingsworth, Wm., machinist, 229 N. Holliday, Baltimore, Md.
- Hollis, A. M., & Co., masons' & bldrs.' matls., Canandaigua, N. Y.
- Hollis & Duncan, paper bags, 732 W. Lake, Chicago, Ill.
- Hollis, H., Co., architectural & interior woodwork, Hartford City, Ind.
- Hollis, H. L., metallurgical engrs, 1228 Mich., Chicago, Ill.
- Hollis, J. A., & Son, lbr. mfrs., Reynoldsville, Pa.
- Hollis, N. F., machsts. & fndrs., Taylorsville, Ill.
- Hollister, Amos, & Co., lumber & masons' & bldrs.' matls, Oshkosh, Wis.
- Hollister & Bryant, lbr. mfrs., Chenango, N. Y.
- Hollister Builders' Supply Co., Rochester, N. Y.
- Hollister, F. W., architect, Saginaw, Mich.
- Hollister Lbr. Co. (Ltd.), Rochester, N. Y.
- Hollister-Whitney Co., freight elevators, mill & facty. supplies, etc., Quincy, Ill.
- Hollivan & Parker, cornices, Portland, Me.
- Hollow Cable Mfg. Co., shingle bands, beaters, weather vanes, etc., Hornell, N. Y.
- Hollow Center Packing Co., packing mfrs., 608 S. Dearborn, Chicago, Ill.
- Hollow Rock Roller Mill, flour, Hollow Rock, Tenn.
- Holloway, J. F., lumber, 312 Commercial Terrace blvd., Philadelphia, Pa.
- Hollowell & Bunch, flour, Selwyn, N. C.
- Hollowell & Wise Co., wholesale hdwe., Penn Yan, N. Y.
- Holly Condensed Milk Co., canned goods, Amity, Ore.
- Holly, Henry H., architect, 38 W. 32d, New York.
- Holly Springs Stoneware & Fire Brick Co., Holly Springs, Miss.
- Holly Sugar Co., Denver, Colo.
- Hollywell Mills, paper, Chambersburg, Pa.
- Hollywood Mfg. Co., woolen blankets, Hollywood, W. Va.
- Holm, G. A., & Bros., pads & tablets, Mansfield, Ohio.
- Holh, Gust., contractor, Rockford, Ill.
- Holm, Jas. M., contractor, 5566 Arch, Philadelphia, Pa.
- Holm & Merchant, contractor, 68 Post, San Francisco, Cal.
- Holman, F. C., machinist, Tuolumne, Cal.
- Holman, Hugh B., contractor, Rochester, Ind.
- Holman, Jno., & Co., spring beds, mattresses, 134 Richmond, Boston, Mass.
- Holman, R., & Co., desk mfrs., Chelsea, Mass.
- Holman Soap Co., 3104 Fox, Chicago, Ill.
- Holmberg, Chas., & Co., vacuum & steam revolving pans, etc., 1439 Austin, Chicago, Ill.
- Holmberg, Salomon, contractor, Warren, Pa.
- Holmboe & Lafferty, architects, Clarksburg, W. Va.
- Holmen Canning Co., Holmen, Wis.
- Holmes, A. E., & Bro. Co., cornices, Superior, Wis.
- Holmes, Alfred H., architect, Hyde Bldg., Spokane, Wash.
- Holmes & Binkley, contractors, Tampa, Fla.
- Holmes & Blanchard Co., machsts. & fndrs., 31 State, Boston, Mass.
- Holmes Bros., contractors, 256 B'way, New York.
- Holmes Bros., machinists, 500 S. Peoria, Chicago, Ill.
- Holmes Bros., stone producers, Wilkesburg, Pa.
- Holmes, Chas., Leather Working Machy. Co., Cambridge, Mass.
- Holmes Co., canned goods, Robbinston, Me.
- Holmes & Co., contractors, Nantucket, Mass.
- Holmes, D. H., architect, Timken Bldg., San Diego, Cal.
- Holmes & Dawson, fertilizer mfrs., Norfolk, Va.
- Holmes, E. A., Packing Co., Eastport, Me.
- Holmes, E. & B., Machy. Co., Buffalo, N. Y.
- Holmes, E. M., machinist, Lynn, Mass.
- Holmes & Edwards Silver Co., Bridgeport, Conn.
- Holmes & Ehmann, architects, 135 E. Bay, Jacksonville, Fla.
- Holmes Elec. Protective Co., burglar alarms, 26 Cortlandt, New York.
- Holmes, F. B., & Co., fire brick & masons' & bldrs.' matls., Penobscot Bldg., Detroit, Mich.
- Holmes Fibre Graphite Mfg. Co., graphite bearings & brushes, 5155 Wakefield, Philadelphia, Pa.
- Holmes & Flinn, architects, 8 S. Dearborn, Chicago, Ill., & Sioux Falls, S. D.
- Holmes, G. H., knitted gloves, Gloversville, N. Y.
- Holmes, Geo. H., & Co., lumber, Alpena, Mich.
- Holmes, H. E., & Co., carriages, 744 Folsom, San Francisco, Cal.
- Holmes-Herrick Lbr. Co., Gulfport, Miss.
- Holmes Iron Co., Rutland, Vt.
- Holmes, Isaac, elastic surgical hosiery, 3519 Zumstein av, Cincinnati, Ohio.
- Holmes, J. A., Lbr. Co., 10th, Spruce, St. Louis, Mo.
- Holmes, J. W., engng. instruments, Batavia, N. Y.
- Holmes, Jas., & Son, turpentine, Perry, Fla.
- Holmes, John, architect, Marathon, N. Y.
- Holmes, John G., elastic hosiery, 111 S. 8th, Philadelphia, Pa.
- Holmes, Jno. W., brick, New Britain, Conn.
- Holmes & Johnson, sashes, doors & blinds, Berea, Ohio.
- Holmes, L. T., lumber, Longstreet, La.
- Holmes-Landwehr Heating Co., Toledo, Ohio.
- Holmes Lime & Cement Co., Postal Tel. Bldg., San Francisco, Cal.
- Holmes, M. C., Canning Co., Eastport, Me.
- Holmes, M. D., & Son, heating contr., Salem sq, Worcester, Mass.
- Holmes Mfg. Co., filing machines, vises, etc., Shelton, Conn.
- Holmes Metallic Packing Co., Wilkes-Barre, Pa.
- Holmes Motor Co., machsts., West Mystic, Conn.
- Holmes, O. H., hosiery & elastic webbing, Conshohocken, Pa.
- Holmes, Pyott & Co., machsts. & fndrs., 159 N. Jefferson, Chicago, Ill.
- Holmes, Robt., & Bros., chutes, mill & facty. supplies, mine hoists, etc., Danville, Ill.
- Holmes, Rutledge, architect, Duval Bldg., Jacksonville, Fla.
- Holmes, Samuel, boilers, Salt Lake City, Utah.
- Holmes Tractor Co., engines, Port Clinton, Ohio.
- Holmes, Wm. G., Bronze Co., Bedford, Ohio.
- Holmes, Willis B., architect, Macomb, Ill.
- Holmes & Winslow, architects, 103 Park av, New York.
- Holmes, Zachariah, architect, Rapid City, S. Dak.
- Holmesburg Granite Co., Commercial Trust Bldg., Philadelphia, Pa.
- Holmgren, Eric O., architect, 373 Fulton, Brooklyn, N. Y.
- Holmquist & Co., ladders, ironing boards, etc., W. 35th & S. Maplewood av, Chicago, Ill.
- Holmquist & Swanson, curtain stretchers, 2536 S. Western av, Chicago, Ill.
- Holophane Glass Co., 340 Madison av, New York.
- Holophane Glass Wks. of Gen. Elec. Co., Newark, Ohio.
- Holsinger, Paul, & Son, canned goods, Downes, Md.
- Holsman, Henry K., architect, McCormick Bldg., Chicago, Ill.
- Holst, W. O., Builders' Supply Co., Toledo, Ohio.
- Holstead & Sullivan, architects, Palladio Bldg., Duluth, Minn.
- Holstein, Aug., contractor, 1726 Chestnut, Milwaukee, Wis.
- Holstein, Ferber & Deuprey, architects, Reno, Nev.
- Holston Box & Lumber Co., packing box, Knoxville, Tenn.
- Holt & Beebe Co., auto annunciators, lamps, etc., 51 Chardon, Boston, Mass.
- Holt Bros. Mfg. Co., carriage & wagon bodies, Concord, M. H.
- Holt, Chas. L., architect, 150 Nassau, New York.
- Holt Construction Co., Federalsburg, Md.
- Holt, Duane F., & Son, architects & contractors, Nashua, N. H.
- Holt Elec. Co., 379 S. Pierce, Milwaukee, Wis.
- Holt-Fairchild Co., contractors, Old South Bldg., Boston, Mass.
- Holt, Frank, soap, Manchester, N. H.
- Holt, G. L., Co., hdwe. mfrs., Hartford, Conn.
- Holt Gant & Holt Cotton Mfg. Co., Tlon College, N. C.
- Holt & Gregg Co., lime mfrs., Redding, Cal.
- Holt & Gregg Co., masons' & bldrs.' matls., Red Bluff, Cal.
- Holt, Jared, Co., shoemakers' wax, Albany, N. Y.
- Holt & Jeffery, contractors, Seattle, Wash.
- Holt, John, contractor, 950 E. 1st So., Salt Lake City, Utah.
- Holt, Jno., & Co., glue mfrs., Lowell, Mass.
- Holt Lumber Co., 431 S. Dearborn, Chicago, Ill.
- Holt-Lyon Co., carpt. & egg beaters, Tarrytown, N. Y.
- Holt Mfg. Co., mill & facty. supplies & agricultural implements, Stockton, Cal.
- Holt Mfg. Co., turkish towels, Paterson, N. J.
- Holt, O. C., contractor, 110 Jessie, San Francisco, Cal.
- Holt, Sam'l (Est of), brick, Concord, N. H.
- Holt, Samuel T. H., common brick, Philippi, W. Va.
- Holt, Shattuck & Co., mill & facty. supplies, 45 Washington, N. Boston, Mass.
- Holt-Williamson Mfg. Co., tickings, Fayetteville, N. C.
- Holter, A. M., Hardware Co., Helena, Mont.
- Holthaus Saddlery Co., 1449 N. 6th, St. Louis, Mo.
- Holtkamp, E. E., cornices & skylights, Houston, Tex.
- Holton-Abbott Mfg. Co., valve handles & wheels, 59 Goram, W. Somerville, Mass.
- Holton & Adams, almond meal, 29 E. 22d, New York.
- Holton, Alfred J. S., architect, 32 Nassau, New York.
- Holton Brick Co., Holton, Mich.
- Holton, Frank, & Co., musical instruments, 2638 Gladys av, Chicago, Ill.
- Holtz Co., machsts. & fndrs., Evansville, Ind.



- Holtz, F., Co., tubular boilers, Evansville, Ind.  
Holtz Fdry. & Mfg. Co., Fremont, Ohio.  
Holtzlaw, C. Taylor, architects, Hampton, Va.  
Holtzendorf Laboratories, chemists, Memphis, Tenn.  
Holtzer-Cabot Elec. Co., fire alarms, charging sets, etc., 125 Amory, Boston, Mass.  
Holtzman, Hy., & Sons Co., piano benches, Columbus, Ohio.  
Holtzman, W. D., Jr., architect, Adel, Ia.  
Holub-Dusha Co., machsts., 1799 1st av, New York.  
Holwick, B. C., meat choppers & slicers, Canton, Ohio.  
Holyoke Bar Co., machsts. & fndrs., Holyoke, Mass.  
Holyoke Belting Co., Holyoke, Mass.  
Holyoke Brick Co., Holyoke, Mass.  
Holyoke Card & Paper Co., R. R. stationery, etc., Springfield, Mass.  
Holyoke Envelope Co., Holyoke, Mass.  
Holyoke Halter Mfg. Co., Holyoke, Mass.  
Holyoke Machine Co., paper & pulp mill machy., Holyoke, Mass.  
Holyoke Plush Co., Holyoke, Mass.  
Holyoke Supply Co., mill & facty. supplies, Holyoke, Mass.  
Holyoke, Thos. G., architect, Endicott Bldg., St. Paul, Minn.  
Holyoke Valve & Hydrant Co., engineers & contractors for heating & automatic sprinkling systems, mill, facty. & steam fitters' supplies, Holyoke, Mass.  
Holzapfel's Am. Composition Co., 18 Broadway, New York.  
Holzapfel's Am. Composition Co., paint mfrs., 175 Beard, Brooklyn, N. Y.  
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Holzendorf, Geo. W., ties, poles & posts, Moniac, Ga.  
Holzer, R. G. (Est. of), fire doors, New Orleans, La.  
Holzinger, F. F., brick, Huntington, Ind.  
Homan, Andrew, Co., music cabinets, 450 Water, New York.  
Homan & Co., candle machy., Cincinnati, Ohio.  
Homan, J. & E., machsts., 435 W. B'way, New York.  
Homan Mfg. Co., silverware, etc., Findlay Western & Hulbert av, Cincinnati, Ohio.  
Homan, Vandever S., machsts., Pennsgrove, N. J.  
Home Art Glass Wks., signs, 290 14th, San Francisco, Cal.  
Home Building & Financing Co., Youngstown, Ohio.  
Home Canning Co., Blissfield, Mich.  
Home Canning Co., Kempton, Ind.  
Home Construction Co., Lexington, Ky.  
Home Construction Co., 1507 Walnut, Kansas City, Mo.  
Home Cotton Mills, sheeting, 2d & Barton, St. Louis, Mo.  
Home Embroidering Mach. Co., Kansas City, Kan.  
Home Equipment Co., tele. cabinet wk., Pleasanton, Kan.  
Home & Export Duplicator Co., 89 Front, New York.  
Home Fertilizer & Chemical Co., Calvert Bldg., Baltimore, Md.  
Home Fertilizer & Cotton Oil Co., Headland, Ala.  
Home Fuel Co., masons' & bldrs.' matls., Grand Rapids, Mich.  
Home Golf Game Co., toys, games & nov., 209 S. State, Chicago, Ill.  
Home Guano Co., fertilizer mfrs., Dothan, Ala.  
Home Industry Iron Wks., Mobile, Ala.  
Home Light Co. of Am., 1955 Park av, New York.  
Home Lumber Co., Carthage, Mo.  
Home Devices Corp., clothes washing machines, 33 35th, Brooklyn, N. Y.  
Home Mfg. Co., sash, door & blind, Port Huron, Mich.  
Home Milling Co., flour, Greenville, Ky.  
Home Mixture Guano Co., Columbus, Ga.  
Home Packing & Ice Co., Terre Haute, Ind.  
Home Roofing Co., cornices, 263 Winder, Detroit, Mich.  
Home Rubber Co., Trenton, N. J.  
Home Specialty Mfg. Co., clothes washing machines, 1051 Power av, Cleveland, Ohio.  
Home Stove Wks., 2622 W. 18th, Chicago, Ill.  
Home Stove Co., Indianapolis, Ind.  
Home Supply Co., kerosene oil lamps, 1411 N. Wyandotte, Kansas City, Mo.  
Homegardner Sand Co., Sandusky, Ohio.  
Homelius, H. W., & Son, architects, Batavia, N. Y.  
Homer Brass Wks., machsts. & fndrs., 231 Race, Phila., Pa.  
Homer Bros. & Muir Co., duster mfrs., 66 Pearl, Boston, Mass.  
Homer Commutator Co., armatures, 4748 Hough av, N. E., Cleveland, Ohio.  
Homer Cotton Oil Co., Homer, La.  
Homer, Eleazer B., architect, 87 Weybosset, Providence, R. I.  
Homestake Mining Co., machsts. & fndrs., Lead, S. D.  
Homestead Brick Co., Homestead, Pa.  
Homestead Brick Yards, Homestead, N. J.  
Homestead Iron Wks., machinists, Homestead, Pa.  
Homestead Valve & Mfg. Co., machsts. & fndrs., 134 6th av, Pittsburgh, Pa.  
Hommel, O., Co., bronzing liquids, Hope & Maple, Pittsburgh, Pa.  
Hondo Gin & Milling Co., flour, Hondo, Tex.  
Honeoye Falls Furniture Co., desk mfrs., Honeoye Falls, N. Y.  
Hones, Chas. A., gas soldering furnaces, 114 Franklin, Brooklyn, N. Y.  
Honesdale Union Cut Glass Co., Honesdale, Pa.  
Honess, Frank C., architect, 24 S. Sprague av, Pittsburgh, Pa.  
Honey Clark Canning Co., Aurora, Mo.  
Honeyman Hardware Co., 9th & Hoyt, Portland, Ore.  
Honeywell, A. A., Co., architects, Kokomo, Ind.  
Honeywell Heating Specialty Co., Wabash, Ind.  
Honhorst, Jos., Co., ore wagons, watering troughs, steel tanks & stacks, etc., 1016 W. 6th, Cincinnati, Ohio.  
Honkamp Bros., pig lead, brass ingots, 3951 Wentworth av, Chicago, Ill.  
Honolulu Iron Wks. Co., Honolulu, Hawaii.  
Honolulu Plantation Co., sugar refinery, Hooker & Lent Bldg., San Francisco, Cal.  
Honstain Bros. Co., grain elevator builders, 306 Corn Ex., Minneapolis, Minn.  
Hood, B. Midlin, brick, Candler Bldg., Atlanta, Ga.  
Hood Canning Wks., Portland, Ind.  
Hood Furnace & Supply Co., Corning, N. Y.  
Hood Milling Co., flour, Gulfport, Miss.  
Hood, R. H., Co., contractors & dock bldrs., 111 B'way, New York & 1842 Gtn. av, Philadelphia, Pa.  
Hood, Raymond M., architect, 7 W. 42d, New York.  
Hood Rubber Co., rubber boots & goods, Watertown, Mass.  
Hood, W. H., fertilizer mfrs., Mt. Airy, Md.  
Hood & Wright, lumber, Big Rapids, Mich.  
Hoodwin, J. W., Co., advertg. specialties, 2494 W. Van Buren, Chicago, Ill.  
Hook, Chas. C., architect, Charlotte, N. C.  
Hook, Gilman E., contractor, New Bedford, Mass.  
Hook & Hastings Co., organs, Kendal Green, Mass.  
Hook, Jacob W. & C. H., & Co., lubrg. oils, 3700 Bank, Baltimore, Md.  
Hook, Jno. H., contractor, Lancaster, Pa.  
Hook Patent Kiln Co., Columbus, Ohio.  
Hooke, Geo. H., Co., canned goods, 203 California, San Francisco, Cal.  
Hooker Electrochemical Co., 40 Wall, New York.  
Hooker, C. V., & Son, mill & facty. supplies, St. Johnsbury, Vt.  
Hooker, H. M., Co., glass stainers, paint mfrs., 651 W. Wash., Chicago, Ill.  
Hooker-Hendrix Hardware Co., Muskogee, Okla.  
Hooker Limestone Co., crushed stone, Chattanooga, Tenn.  
Hookey, W. T., & Sons Co., masons' & bldrs.' matls., 227 E. 129th, New York.  
Hookless Fastener Co., machsts., Meadville, Pa.  
Hoole & Gesswein, mill & facty. supplies, 84 Walker, New York.  
Hoole Mach. & Engraving Wks., 29 Prospect, Brooklyn, N. Y.  
Hooley, I. A., canned goods, Topeka, Ind.  
Hoonah Packing Co., canned goods, Port Townsend, Wash.  
Hooper, C. A., & Co., wood tanks, Balboa Bldg., San Francisco.  
Hooper Canning Co., Ogden, Utah.  
Hooper & Co., brewery architects, 118 Market, Newark, N. J.  
Hooper-Dombrink Art Glass Co., Oakland, Cal.  
Hooper, F. E., & Son, snow shovels & washboard mfrs., Biddeford, Me.  
Hooper, F. P., & J. A., lumber, Merchants' Exch. Bldg., San Francisco, Cal.  
Hooper, Francis X., Co., box board printing machines, Glenarm, Md.  
Hooper, Havey, & Co., granite producers, North Sullivan, Me.  
Hooper, Henry N., architect, Lincoln Inn Court, Cincinnati, O.  
Hooper, John A., lumber, 110 Market, San Francisco, Cal.  
Hooper, John W., contractor, Trenton, N. J.  
Hooper Milling Co., flour, Raht, Tenn.  
Hooper, Parker Morse, architect, 15 W. 38th, New York.  
Hooper, S. F., & Co., contractors, 101 Tremont, Boston, Mass.  
Hooper Sons' Mfg. Co., tex. machy., (tapes, braids & cords), Juniper & Cherry, Phila., Pa.  
Hooper, Wm. E., & Sons Co., cotton duck mfrs., Baltimore, Md.  
Hooper, Wm. T., architect, 116 S. Michigan av., Chicago, Ill.  
Hoopes Bros. & Darlington, wagon spokes, wheels, etc., West Chester, Pa.  
Hoopes, Isaac W., meat packers, Mount Cuba, Del.  
Hoopes, J. Willard, architect, Lansdowne, Pa.  
Hoopes, Ralston R., masons' & bldrs.' matls., West Chester, Pa.  
Hoopes, Rufus C., masons' & bldrs.' matls., Fernwood, Pa.  
Hoopes & Townsend Co., bolts, iron rolling mills, rivets, screws, washers, etc., Broad & Buttonwood, Philadelphia, Pa.  
Hoopeston Canning Co., Hoopeston, Ill.  
Hoopeston Planing Mill Co., cash, door & blind, Hoopeston, Ill.  
Hoonbeek's, John C., Sons, paper & pulp mills, wood, flour, etc., Napanoch, N. Y.  
Hoosac Co., marble dust, silica, North Adams, Mass.  
Hoosac Valley Lime Co., Adams, Mass.  
Hoose & Person Construction Co., Iron Mountain, Mich.  
Hoosier Brick Co., New Albany, Ind.  
Hoosier Fence Co., Frankton, Ind.  
Hoosier Mfg. Co., kitchen cabinets, grain separators, New Castle, Ind.  
Hoosier Mfg. Co., soap, 45 S. Cruse, Indianapolis, Ind.  
Hoosier Motor Co., machsts., Goshen, Ind.  
Hoosier Specialty Co., Veneer, Ladoga, Ind.  
Hoosier Storage Battery Co., Evansville, Ind.  
Hoosier Stove Co., Marion, Ind.  
Hooten, Chas. B., lbr. mfrs., Danville, Ill.  
Hooton Lbr. Co., Terre Haute, Ind.  
Hooton & Son, contractors, Greenfield, Ind.  
Hooven & Allison Co., cordage & twine mfrs., Xenia, Ohio.  
Hooven, Owens, Rentschler Co., Hamilton, Corliss and high duty pumping engines, Hamilton, Ohio.  
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Hoover, A. T., & Co., masons' & bldrs.' matls., Nashville, Tenn.  
Hoover, Chas., masons' & bldrs.' matls., Ashland, Ohio.



- Hoover, F. L., & Sons, contractors, 1023 Cherry, Phila., Pa.  
 Hoover, G. W., cornices, Audubon, Iowa.  
 Hoover, G. W., lumber, Williamsport, Pa.  
 Hoover, H. J., sash, door & blind, Marcellus, Mich.  
 Hoover, Ira W., architect, 105 S. La Salle, Chicago, Ill.  
 Hoover, J. B., machsts., 619 N. Fourth, Columbus, Ohio.  
 Hoover Mfg. Co., agricultural implements, Avery, Ohio.  
 Hoover & Mason, contractors, coal & ore handling machy., etc., 80 E. Jackson blvd., Chicago, Ill.  
 Hoover Spring Co., 617 Turk, San Francisco, Cal.  
 Hoover Steel Ball Co., steel balls, Ann Arbor, Mich.  
 Hoover Suction Sweeper Co., New Berlin, Ohio.  
 Hoover, W. H., Co., harness, New Berlin.  
 Hoover, W. H., Jr., architect, 10 W. Grand, Elizabeth, N. J.  
 Hoover Wagon Co., automobile bodies mfrs., York, Pa.  
 Hoover, Wallace A., sash, door & blind, Riverside, Pa.  
 Hope Brick Works, Hope, Ark.  
 Hope Bros., optical goods, Knoxville, Tenn.  
 Hope Building Co., Beaufort, Providence, R. I.  
 Hope Canning Co., Hope, Ind.  
 Hope, Clifton, brick, St. Michaels, Md.  
 Hope Co., cotton sheetings, Hope, R. I.  
 Hope Fertilizer Co., Hope, Ark.  
 Hope Forge & Machine Co., Mount Vernon, Ohio.  
 Hope Foundry Co., Auburn, R. I.  
 Hope, Geo. D., Lbr. Co., R. A. Long Bldg., Kansas City, Mo.  
 Hope Glass Wks., 161 Dorrance, Providence, R. I.  
 Hope Hardware Co., Hope, Ark.  
 Hope, John, & Sons Engraving & Mfg. Co., 1 Mashapaug, Providence, R. I.  
 Hope Lumber Co., Hope, Ark.  
 Hope Mill Supply Co., 3 Washington, Providence, R. I.  
 Hope Vacuum Cleaner Co., 1800 Central, Kansas City, Mo.  
 Hope Webbing Co., insulating tape, etc., 1005 Main, Providence, R. I.  
 Hope, Wm. H., Co., bolts, screws, Lowell, Mass.  
 Hopedale Mfg. Co., textile machy., supplies, etc., Millford, Mass.  
 Houeman, A. W., & Sons Co., contractors, Rochester, N. Y.  
 Hopeman Bros. Lbr. & Mfg. Co., Rochester, N. Y.  
 Hopewell Lumber Co., Hopewell Junction, N. Y.  
 Hopewell Valley Canning Co., Hopewell, N. J.  
 Hopkins, Albert Hart, architect, German Ins. Bldg., Buffalo, N. Y.  
 Hopkins, Alfred, architect, 101 Park av., New York.  
 Hopkins & Allen Arms Co., machsts. & fndrs., Norwich, Conn.  
 Hopkins Bros., contractors, Youngstown, Ohio.  
 Hopkins & Co., bk. & office railings, 199 Franklin, New York.  
 Hopkins, E. L., architect, Delta Bldg., Los Angeles, Cal.  
 Hopkins Fertilizer Co., New Albany, Ind.  
 Hopkins, Frank, tubular boilers, Seattle, Wash.  
 Hopkins, Frank, & Co., clothes bars, North Girard, Pa.  
 Hopkins, Harold V., mill & facty. supplies, South Attleboro, Mass.  
 Hopkins, J. F., carriages, Waco, Tex.  
 Hopkins, J. L., & Co., powdered licorice, 100 William, New York.  
 Hopkins, Johns, Oil Co., lubrg., Stewart Bldg., Baltimore, Md.  
 Hopkins, Jonathan L., canned goods, Vernon, Del.  
 Hopkins, L., Mfg. Co., clothes bars, North Girard, Pa.  
 Hopkins & McEntee, architects, 37 E. 28th, New York.  
 Hopkins, P. B., contractor, Atlanta, Ga.  
 Hopkins, R. C., shoe counters, Lynn, Mass.  
 Hopkins, S. H., masons' & bldrs.' matls., Newton, N. J.  
 Hopkins, W. F., ice tongs, Groton, N. Y.  
 Hopkinson, Chas. W., architect, Rose Bldg., Cleveland, Ohio.  
 Hopkinson Leather Co., Woburn, Mass.  
 Hopkinson Mach. Wks., Springfield, Mass.  
 Hopkinsville Lime Wks., Hopkinsville, Ky.  
 Hopmann Cornice Co., 2573 Benton, St. Louis, Mo.  
 Hopp Carriage Co., Mifflinburg, Pa.  
 Hopp, J. Lawrence, architect, 404 Summit av., Pittsburgh, Pa.  
 Hopp, J. W., Construction Co., Cedar Rapids, Ia.  
 Hoppe, Chas., Co., brass castings, 121 Opera pl., Cincinnati, O.  
 Hoppe, J. P., architect, Mitchell, S. D.  
 Hoppe, Paul F., Co., clocks, gauges, 123 Liberty, New York.  
 Hoppen, J. E., & Sons, mfg. machinists, 75 Main, Belleville, N. J.  
 Hoppenberg Machine Co., Findlay, Ohio.  
 Hopper, Daniel A., architect, Irvington, N. J.  
 Hopper, Falkenau Eng. Co., architects, Woolworth Bldg., New York.  
 Hopper, Havey & Co., granite, North Sullivan, Me.  
 Hopper, James C., architect, Leaksville, N. C.  
 Hopper, Jno. J., Inc., contractor, 217 W. 125th, New York.  
 Hopper Paper Co., pads, Johnsonburg, Pa.  
 Hopper, Thos. T., Co., contractors, 280 Madison av., New York.  
 Hopper, Wm. E., hand fids., Paterson, N. J.  
 Hoppes Mfg. Co., machsts., Springfield, Ohio.  
 Hopplin & Field, architects, 32 Westminster, Providence, R. I.  
 Hopplin & Koen, architects, 244 5th av., New York.  
 Hopple Elec. Co., dry batteries, Lawndale, Cal.  
 Hopson & Chapin Mfg. Co., htg. contrs.; castings, etc., New London, Conn.  
 Hopson, Chas. H., architect, Healey Bldg., Atlanta, Ga.  
 Hopson, W. C., Co., cornices & skylights, shingles, etc., Grand Rapids, Mich.  
 Hoquiam Lumber & Shingle Co., Hoquiam, Wash.  
 Hoquiam Packing Co., Hoquiam, Wash.  
 Hoquiam Sash & door Co., Hoquiam, Wash.  
 Hoquiam Steam Boiler Wks., tubular, Hoquiam, Wash.  
 Horan, Jas. J., & Co., mill & facty. supplies, Troy, N. Y.  
 Horan Stay Hanger Co., cups, circles, hangers, washers, etc., 1932 W. Jefferson, Louisville, Ky.  
 Horat, Joseph, piston rings, Lafayette, Ind.  
 Hord, T. B., Alfafa Meal Co., Central City, Neb.  
 Horenburger & Bardes, architects, 122 Bowery, New York.  
 Horenburger, Herrman, & Son, architects, 656 E. 163d, New York.  
 Horicon Wind Mill Co., Horicon, Wis.  
 Horgan Supply Co., mill & facty. & plumbers' supplies, St. Joseph, Mo.  
 Horine, John T., & Sons, masons' & bldrs.' matls., Delphos, Ohio.  
 Horlick's Mated Milk Co., cereal foods, Racine, Wis.  
 Hormeister, Leo, Co., lubrg. oils & greases, Frest Hill & Hofmeister av., Wilwaukee, Wis.  
 Horner, Geo. A., & Co., meat packers, Austin, Minn.  
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 Horn & Brannen Mfg. Co., fndrs., 427 N. Broad, Phila., Pa.  
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 Horn, Carl J., architect & contractor, Logansport, Ind.  
 Horn, E. Co., sash, door & blind mfrs., Topeka, Kans.  
 Horn, Edward C., Sons, architects & contractors, 1476 B'way, New York.  
 Horn Elec. Co., 110 S. Desplaines, Chicago, Ill.  
 Horn, Geo. J., architect & contractor, Findlay, Ohio.  
 Horn, I. W., & C. Co., granite, 2514 Park av., New York.  
 Horn, J. G., architect, Hot Springs, Ark.  
 Horn-Johnston Co., flour, Mockville, N. C.  
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 Horn & Sandstrom, bldg. contrs., Portland, Ore.  
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 Horn, W. S., Sign Posting Co., Springfield, Ill.  
 Horn, Wm. H., & Bro., tannery machy., 451 N. 3d, Phila., Pa.  
 Horn, Wm., Structural Iron Wks., 336 N. Leavitt, Chicago, Ill.  
 Hornbeak Milling Co., flour, Hornbeak, Tenn.  
 Hornbeck, F. S., architect, Livingston, Mont.  
 Hornbeck, J. K., & Son, excelsior mfrs., Hancock, N. Y.  
 Hornberger, J. A., & Son, masons' & bldrs.' matls., Vermillion, Ill.  
 Hornblower & Marshall, architects, 1410 H. N. W., Washington, D. C.  
 Hornbrook-Price Co., poultry coops, 1970 Madison av., Indianapolis, Ind.  
 Horne & Butler, turpentine, Havana, Fla.  
 Horne, Geo. W., Co., cornices, Lawrence, Mass.  
 Horne & Hall, contractors, Concord, N. H.  
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 Horne, J. K., & Son, masons' & bldrs.' matls., Struthers, Ohio.  
 Horner, W. S., & Co., steel bars, tin plate, metals, etc., Oliver Bldg., Philadelphia, Pa.  
 Horner, Wm., lumber, Reed City, Mich.  
 Horner, Wm. J., burlap, 62 Beaver, New York.  
 Hornet Mantel Co., 1112 Market, St. Louis, Mo.  
 Horning Electric Mfg. Co., machsts., Cleveland, Ohio.  
 Hornthal & Co., coffins, etc., 1339 S. Wabash av., Chicago, Ill.  
 Hornum, Louis A., architect, 405 Lexington av., New York.  
 Hornung, Jacob, cooperage stock, New Batavia, Ohio.  
 Horowitz, Max R., architect, 25 W. 32d, New York.  
 Horridge & Hinman, machsts., 628 Race, Philadelphia, Pa.  
 Horrocks Desk Co., Herkimer, N. Y.  
 Horrocks Iron Wks., 234 N. Broad, Philadelphia, Pa.  
 Horrum, W. H., brick, Auburn, Neb.  
 Horsburgh Forging Co., 17310 St. Clair, Cleveland, Ohio.  
 Horsburgh & Scott Co., gears & pinions, 5114 Hamilton av., N. E., Cleveland, Ohio.  
 Horsch, Philip, contractor, Irvington, N. J.  
 Horseless Age, trade publication, 95 Madison av., New York.  
 Horseshoers' Journal, trade publication, 142 Lafayette, Detroit, Mich.  
 Horsey, Outerbridge Co., distillers, Burkittsville, Md.  
 Horsey, Roe, & Co., fertilizer mfrs., Greensboro, Md.  
 Horsford Bros. Co., mill & facty. supplies, 235 Mission, San Francisco, Cal.  
 Horsman, E. I., Co., toys, games, etc., 11 Union sq., New York.  
 Horst, Henry W., Co., contractors, Horst Bldg., Rock Island Ill.  
 Horstmann, F. W., Co., feed water heaters, Irvington, N. J.  
 Horstmann, John, Co., silicate of soda & soda ash, 685 Bryant, San Francisco, Cal.  
 Horstmann, Wm. H., Co., leg protectors, military supplies, etc., 5th & Cherry, Phila., Pa.  
 Horstmeier Lbr. Co., Stiles & E. Falls av., Baltimore, Md.  
 Horstman Co., contractors, 3110 S. Carr, New Orleans, La.  
 Horton, A. E., cornices, Poultney, Vt.  
 Horton Concrete Construction Co., Reliance Bldg., Kansas City, Mo.  
 Horton, D. E., Construction Co., Marine Nat. Bk. Bldg., Buffalo, N. Y.  
 Horton, E., & Son Co., chucks, mfrs., Windsor Locks, Conn.



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- Horton, F. T., bird gravel, chloride of lime, Hoboken, N. J.
- Horton, Fred L., contractor, Conneaut, Ohio.
- Horton, H. R., Co., masons' & bldrs.' matls., 459 S. Water, Providence, R. I.
- Horton, Harvey S., architect, 27 Manchester pl, Buffalo, N. Y.
- Horton & Hemenway, contrs., 682 Atlantic av, Boston, Mass.
- Horton & Horton, contractors, Houston, Tex.
- Horton & Hubbard Mfg. Co., traveling bags, Somerville, Mass.
- Horton Lumber Co., Altmar, N. Y.
- Horton, M. V. B., lumber mfrs., Warwick, N. Y.
- Horton Machine Wks., Elmira, N. Y.
- Horton Mfg. Co., ironing machs., Ft. Wayne, Ind.
- Horton Mfg. Co., patterns & models, 3008 Univ. av, S. E., Minneapolis, Minn.
- Horton & Moseley, contractors, 140 S. Dearborn, Chicago, Ill.
- Horton Stone Co., Springfield, Mo.
- Hortsmann, F. W., Co., machsts., East Newark, N. J.
- Horvath, M. H., landscape architect, 649 Leader, Cleveland, O.
- Horvay, Chas. Z., architect, 1808 Marmion av, New York.
- Horwich, Vitkin Co., curled hair, 2455 Archer, Chicago, Ill.
- Horwitz, Bernhard, architect, 500 5th av, New York.
- Horschton Cotton Oil Mill & Mfg. Co., Horschton, Ga.
- Hose, A. C., contractor, San Diego, Cal.
- Hosford, R., contractor, Lebanon, Ind.
- Hosie, Horace W., mill & facty. supplies, Franklin, Mass.
- Hosket, Chas. F., contractor, 662 E. Richard, Dayton, Ohio.
- Hoskins & Hudley, flour mills, Essex Mill Va.
- Hoskins, J. S., Lumber Mfg. Co., Baltimore, Md.
- Hoskins, John M., architect, 2837 W. Madison, Chicago, Ill.
- Hoskins, L. G., machsts. & fndrs., Tacoma, Wash.
- Hoskins Mfg. Co., elec. cooking apparatus, 453 Lawton, Detroit, Mich.
- Hosley, M. B., lumber mfrs., Wells, N. Y.
- Hosmer Bros., granite, Groton, Vt.
- Hosmer, Clare C., archt., First Natl. Bk. Bldg., Milwaukee, Wis.
- Hosmer, G. A., Co., lubricating oils & greases, 375 Ellicott, Buffalo, N. Y.
- Hosmer, W. A., lbr., Bellaire, Mich.
- Hospital Rubber Co., medicinal atomizers, Attleboro, Mass.
- Hospital Supply Co., 53 5th av, New York.
- Hossack Bros., contractors, 62 Schermerhorn, Brooklyn, N. Y.
- Hossafous, H. C., lumber mfrs., Dayton, Ohio.
- Hossfeld Trunk, Bag & Suit Case Co., Topeka, Kan.
- Hossman, Henry, steel structural work, Portsmouth, Ohio.
- Hosteter, O. H., Hanover, Pa.
- Hostetter Connellsville Coke Co., 434 5th, Pittsburgh, Pa.
- Hot Blast Feather Co., mattresses, Grand Rapids, Mich.
- Hot Springs Plumbing & Machine Co., Hot Springs, Ark.
- Hot Springs Sanitary Fertilizer Co., Hot Springs, Ark.
- Hotchkin, R. B., architect, Rowell Bldg., Fresno, Cal.
- Hotchkiss, Blue & Co., machsts., 80 E. Jackson blvd, Chicago, Ill.
- Hotchkiss Bros. Co., masons' & bldrs.' matls., sash, door & blind mfrs., etc., Torrington, Conn.
- Hotchkiss, E. H., Co., machy., Norwalk, Conn.
- Hotchkiss, Edw. S., hdwe. mfrs., Bridgeport, Conn.
- Hotchkiss & Harris, architects, 229 S. Jefferson av, Peoria, Ill.
- Hotchkiss Metal Form Co., Binghamton, N. Y.
- Hotchkiss, Sam., contractor, St. Joseph, Mo.
- Hotchkiss & Son, mattresses, Lawrenceville, Pa.
- Hotchkiss, T. D., Co., nippers, Deep River, Conn.
- Hotchkiss & Templeton, mill & facty. supplies & whol. hdwe., Waterbury, Conn.
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- Hotstream Heater Co., 1385 E. 11th, Cleveland, Ohio.
- Hottel, Benj. K., wood handles, Passer, Pa.
- Hotton, Bartholomew J., architect, Schiller Bldg., Chicago, Ill.
- Hotz Lbr. Co., masons' & bldrs.' matls., Edwardsville, Ill.
- Houchin-Aiken Co., candle & soap makers' machy., etc., 37 53d, Brooklyn, N. Y.
- Houchin, Thos. W., Co., ice cream freezers, vegetable slicers, corers, graters, etc., 38 E. 21st, New York.
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- Hough, Sam'l L., contractor, 344 Roebling, Brooklyn, N. Y.
- Hough Shade Corporation, Janesville, Wis.
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- Hough, Wm. C., architect, 110 W. 40th, New York.
- Houghland Bros. Canning Co., Underwood, Ind.
- Houghland, O. A., architect, Chariton, Ia.
- Houghtaling, Dougen, architect, Henry Bldg., Portland, Ore.
- Houghtaling, E. M., & Co., brick, 103 Park av, New York.
- Houghten, Chas. T., & Co., canvas gloves, 493 Baker, Detroit, Mich.
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- Houghton, E. W., Lbr. Co., masons' & bldrs.' matls., Galva, Ill.
- Houghton, E. W., & Son, architects, Collins Bldg., Seattle, Wash.
- Houghton, F. O., heating contr., Worcester, Mass.
- Houghton Mfg. Co., textile machinery & sheet metal stamping, 89 Exchange, Worcester, Mass.
- Houghton-Merkel Co., delivery wagons, Marion, Ohio.
- Houghton Motor Car Co., automobile mfrs., Marion, Ohio.
- Houghton & Richards, iron & steel, 149 Oliver, Boston, Mass.
- Houk Mfg. Co., auto. wheels, forgings, 1710 Elmwood, Buffalo, N. Y.
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- Houlton Lumber Co., Houltonville, La.
- Houlton, Sam'l P., stone prodcs, Lagonda Creek, Springfield, O.
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- Houma Brick Mfg. Co., Houma, La.
- Houma Iron & Machy. Co., Houma, La.
- Houman, Oakley, architect, 6 Park av, Paterson, N. J.
- Houpert Mach. Co., piston rings, 351 W. 52d, New York.
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- Housatonic Rubber Wks., Bridgeport, Conn.
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- House Cold Tire Setter Co., St. Louis, Mo.
- House Furnishing Review, trade publication, 253 B'way, New York.
- House-Hasson Hardware Co., Knoxville, Tenn.
- House, John H., Jr., architect, 503 5th av, New York.
- Household Equipment Co., fireless cookers, 171 27th av, S. E., Minneapolis, Minn.
- Household Granite Tub Co., ldry. tub covers, New Haven, Conn.
- Household Mfg. Co., carpet, vacuum sweepers, 1221 Filbert, Philadelphia, Pa.
- Household Mfg. Co., household specialties, Royersford, Pa.
- Housekeeper, Benj., masons' & bldrs.' matls., 1526 N. American, Philadelphia, Pa.
- Houser Elev. Co., 314 E. Water, Syracuse, N. Y.
- Houser Lumber Co., Anniston, Ala.
- Houser, O. E., machinist, Chillicothe, Ohio.
- Houser & Son, flour mills, Pataha City, Wash.
- Houser, W. L., Canning Co., Fort Valley, Ga.
- Houser, Wm. H., architect, Pottsville, Pa.
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- Housman, C. H., jwly cases, 78 Bedford, Boston, Mass.
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- Houston Bros. Co., masons' & bldrs.' matls., 32d & P. R. R., Pittsburgh, Pa.
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- Houston Car Wheel & Mach. Co., Houston, Tex.
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- Houston Cotton & Fertilizer Co., Dothan, Ala.
- Houston County Oil Mill & Mfg. Co., Crockett, Texas.
- Houston, E. C., & Co., masons' & bldrs.' matls., Tekamah, Neb.
- Houston, Geo. T., & Co., lbr., 80 E. Jackson, Chicago, Ill.
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- Houston Iron Wks., Houston, Tex.
- Houston, J. E., butter tubs, Stowe, Vt.
- Houston & Liggett, ties, poles, etc., Houston, Tex.
- Houston Mfg. Co., machsts., Rockford, Ill.
- Houston Packing Co., Houston, Tex.
- Houston Planing Mill, interior hardwood wk., Houston, Tex.
- Houston Show Case & Mfg. Co., Houston, Tex.
- Houston Soap Wks., Houston, Tex.
- Houston, Stanwood & Gamble Co., machs. & fdrs., Covington, Ky.
- Houston Structural Steel Co., Houston, Tex.
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- Hovey, Geo. Walter, architect, Marietta, Ohio.
- Hovorka, John D., elec. & gas light fixtures, 3509 W. 12th, Chicago, Ill.
- Howard, A. Co., automobiles, Galien, Ohio.
- Howard, A. G., lightning arresters, Holdredge, Neb.
- Howard, A. L., contractor, 19 S. La Salle, Chicago, Ill.
- Howard, Albert, contractor, Lexington, Ky.
- Howard, Alonzo, cornices & skylights, Shelbyville, Ind.
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- Howard Brick Co., Claremore, Okla.
- Howard Brick Co., Howard, Pa.
- Howard Broom Co., 4437 N. Lincoln pk, Chicago, Ill.
- Howard Bros., contractors, 412 Dorchester av, Boston, Mass.
- Howard Bros. Boiler Wks., 23 Indiana, Buffalo, N. Y.
- Howard Bros. Mfg. Co., textile machy., Worcester, Mass.
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 Howard Co., masons' & bldrs.' matls., New Haven, Conn.  
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 Toward, Emmons Organ Co., Westfield, Mass.  
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 Howard, Frank, machy. dlr. & masons' & bldrs.' matls., Pittsfield, Mass.  
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 Howard & Howard, archts., O'Kane Bldg., Far Rockaway, N. Y.  
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 Howard, J. L., architect, Tulsa, Okla.  
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 Howard, John T., Co., tin plate, metals, etc., Norfolk, Va.  
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 Howard Mfg. Co., elastic webbing, 97 Monument, Boston, Mass.  
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 Howard Miniature Lamp Co., elec. toys, 338 Main, E. Orange, N. J., & 487 Orange, Newark, N. J.  
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 Howard, Norman B., architect, 5899 Delmar av., St. Louis, Mo.  
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 Howard Plumbing & Supply Co., Howard & Mercer, Newark, N. J.  
 Howard, R. S., Co., pianos, 35 W. 42d, New York.  
 Howard Shipyards Co., machsts. & fndrs., Jeffersonville, Ind.  
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 Howe, Geo. R., common brick, Medaryville, Ind.  
 Howe, H. M., Co., carriages, 417 Fountain, Providence, R. I.  
 Howe, John Jay, rustic woodwork, 56 Pine, New York.  
 Howe, Lois L., & Manning, archts., 101 Tremont, Boston, Mass.  
 Howe, Louis W. S., feldspar miners, Glastonbury, Conn.  
 Howe Mfg. Co., lamps, 1732 S. Mich. av., Chicago, Ill.  
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 Howe Scale Co. of Ill., industrial & portable rys., 1315 S. Wabash av., Chicago, Ill.  
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 Howell Fertilizer Co., Newark, Ohio.  
 Howell, Field & Goddard, metal windows & doors, Long Island City, N. Y.  
 Howell, F. R., Brass Wks., fndrs., 122 N. Franklin, Phila., Pa.  
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 Howell, H. W., architect, Lewisohn Bldg., Butte, Mont.  
 Howell, Harry T., architect, 149th & Willis av., New York.  
 Howell-Hill Mill Co., lumber mfrs., Tacoma, Wash.  
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 Howell, J. W., contractor, Danville, Ill.  
 Howell Lumber Co., New Brunswick, N. J.  
 Howell & Murray, machinists' clamps, Waverly, N. Y.  
 Howell, R. R., & Co., agricultural implements, mill & facty. supplies, 31st av., S. E., & 4th, Minneapolis, Minn.  
 Howell Shingle Co., Ry. Exch. Bldg., Portland, Ore.  
 Howell, T. P., & Co., patent leather, New st. Newark, N. J.  
 Howell & Thomas, architects, Cuyahoga Bldg., Cleveland, & 151 E. Broad, Columbus, Ohio.  
 Howell, Thos. H., flour mills, Camden, Del.  
 Howell, W. H., Co., machsts. & fndrs., Geneva, Ill.  
 Howell's, D. J., Sons, stone producers, Easton, Pa.  
 Howells Mining Drill Co., machsts. & fndrs., Plymouth, Pa.  
 Howells & Stokes, architects, 100 William, New York, & Henry Bldg., Seattle, Wash.  
 Hower, Henry, architect, Bloomsburg, Pa.  
 Hower, J. K., slate, Danielsville, Pa.  
 Hower & Stender, contractors, Scranton, Pa.  
 Howery-Taylor Milling Co., flour, Roanoke, Va.  
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 Howes Lbr. Co., 545 W. 71st, Chicago, Ill.  
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 Howes, S., Co., machsts. & fndrs., Silver Creek, N. Y.  
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 Howes, W. J., architect, 243 High, Holyoke, Mass.  
 Howie, A., & Son, granite, Quincy, Mass.  
 Howie Roofing Co., fireproof doors, Detroit, Mich.  
 Howison, Charles, architect, Sandwich, Ill.  
 Howland, B., architect, Brandon, Vt.  
 Howland Bag & Paper Co., Dexter, N. Y.  
 Howland, E. H., Lumber & Coal Co., masons' & bldrs.' matls., South Omaha, Neb.  
 Howland, Henry R., architect, 103 Park av., New York.  
 Howland-Kirk Co., mill & refrigeration engrs., 20 Broad, New York.  
 Howland Parchment Co., Parchment paper, Dexter, N. Y.  
 Howland Pulp & Paper Co., Howland, Me.  
 Howland & Son, masons' & bldrs.' matls., Athens, N. Y.  
 Howland, Wm. O., mill & facty. supplies, Chester, Pa.  
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 Howlet, J. & Co., seals & sealing presses, car, Irvington, N. J.  
 Howley Hardware Co., Bridgeport, Conn.  
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 Howrey, Marion E., common brick, Kingman, Ind.  
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 Hoy & Co., plumbers' supplies—jobbers, Albany, N. Y.  
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 Hoyles, J. T., brick, Marion, Ohio.  
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 Hoyt, Canner & Co., machsts. & fndrs., Ellenville, N. Y.  
 Hoyt, Clarence P., architect, 8 Beacon, Boston, Mass.  
 Hoyt, Dudley E., architect, South Norwalk, Conn.  
 Hoyt, E. S., landscape architects, 38 W. 11th, New York.  
 Hoyt Elec. Instrument Wks., Penacook, N. H.  
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 Hoyt, Fred'k M., & Bro., brushes, Troy, N. Y.  
 Hoyt, H. P., Co., contractors, Monadnock Bldg., San Fran., Cal.  
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 Hoyt Heater Co., Los Angeles, Cal.  
 Hoyt, J. M., & Co., lumber, Prairie, Wash.  
 Hoyt, John, Co., carriage & wagon shafts, poles, etc., Delaware, N. J.  
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 Hoyt & Miles, contractors, Yonkers, N. Y.  
 Hoyt & Milne, Inc., granite producers, Barre, Vt.  
 Hradlek, Henry, architect, Illuminating Bldg., Cleveland, Ohio.  
 Hron, John B., architect, 25 W. 42d, New York.  
 Hroneck, F. J., architect, Rose Bldg., Cleveland, Ohio.  
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- Hubbard, Archie H., architect, Champaign, Ill.
- Hubbard & Carmichael Bros., lumber, San Jose, Cal.
- HUBBARD & CO.**, Hubbard pole line hardware & bow arrow arms, Peirce forged steel pins, house brackets, mast arms, clamp pins, expansion bolts & hammer drills & Universal lightning arresters, for electric light overhead pole lines, shovels, spades and scoops, railroad track tools, washers & Co-z barrel plates, Pittsburgh, Pa.
- Hubbard, Eldredge & Miller, chairs, Rochester, N. Y.
- Hubbard, F. F., canned goods, Canastota, N. Y.
- Hubbard Fertilizer Co., Keyser Bldg., Baltimore, Md.
- Hubbard, Geo. W., Hardware Co., Flint, Mich.
- Hubbard, H. V., landscape architect, 101 Tremont, Boston, Mass.
- Hubbard, H. W., machst., Keene, N. H.
- Hubbard, James, Co., canned goods, Ottoman, Va.
- Hubbard & McClary, machsts. & fndrs., & hdwe. specs., Windsor, Vt.
- Hubbard, M. D., Spring Co., Pontiac, Mich.
- Hubbard, M. P. & Co., fertilizer mfrs., Calvert Bldg., Balto., Md.
- Hubbard Machine Co., ball bearing application for textile machinery, 72 Commercial, Worcester, Mass.
- Hubbard, Melvin H., architect, Paul Bldg., Utica, N. Y.
- Hubbard Motor Co., machsts. & fndrs., Middletown, Conn.
- Hubbard, O. W., canned goods, East New Market, Md.
- Hubbard Portable Oven Co., 1130 Belden av, Chicago, Ill.
- Hubbard, Robt. M., brick, San Diego, Cal.
- Hubbard, S. B., Co., whol. hdwe., mill, facty. & plumbers' supplies, etc., Jacksonville, Fla.
- Hubbard Sash, Door & Lbr. Co., Manchester, N. H.
- Hubbard Steel Foundry Co., castings, machine molded gears, & rolling mill machy., East Chicago, Ind.
- Hubbard, W. B., & Sons Co., mill & facty. & plumbers' supplies, 176 Oliver, Boston, Mass.
- Hubbard, W. J., canned goods, Teagues, Mo.
- Hubbard's, Norman, Sons, soldering machs., 265 Water, Brooklyn, N. Y.
- Hubbel, J. L., horse blankets, Kanado, Ariz.
- Hubbel, S. W., Bldg. Co., 589 Knowlton, Bridgeport, Conn.
- Hubbell & Benes, architects, 4500 Euclid av, Cleveland, Ohio.
- Hubbell & Benninger, hat blocks, 324 Lafayette, New York.
- Hubbell, C. E., decorative architects, 305 Madison av, New York.
- Hubbell, C. T., & Co., lbr. mfrs., Albany, N. Y.
- Hubbell Construction Co., Davenport, Ia.
- Hubbell & Greene, architects, N. Texas Bldg., Dallas, Tex.
- Hubbell, Hall & Randall Co., masons' & bldrs.' matls., Norwalk, Conn.
- Hubbell, Harvey, screws, Bridgeport, Conn.
- Hubbell-Kelly Co., architects, Falls City blk, Spokane, Wash.
- Hubbell & Merwin Co., contrs., 19 Artizan, New Haven, Conn.
- Hubbell, Ray, & Co., ice creepers, Northville, N. Y.
- Hubbell & Staples Hardware Co., Norwalk, Conn.
- Hubbell, W. W., & Co., dock bldrs., Bridgeport, Conn.
- Hubby, R. G., architect, Caxton Bldg., Cleveland, Ohio.
- Huber Cornice Co., 3744 St. Louis av, St. Louis, Mo.
- Huber, E. S., lbr. mfrs., Charlotte, Mich.
- Huber Grate Bar & Stocking Co., 1114 E. Monument, Balto., Md.
- Huber & Huber, contractors, 23 Spear, San Francisco, Cal.
- Huber, J. M., color mfrs. & imptrs., 602 62d, Brooklyn, N. Y.
- Huber, Jacob & Co., contractors, 4332 Tower av, Cincinnati, O.
- Huber, Julius H., architect, 6712 N. Clark, Chicago, Ill.
- Huber Lumber Yard, Moultrie, Ga.
- Huber Machy, Co., 261 46th, Brooklyn, N. Y.
- Huber Mfg. Co., agril. impts., 170 N. Greenwood, Marion, Ohio.
- Huber Mfg. Co., key blanks, night latches, etc., 417 E. 93d, New York.
- Huber, Thomas F., architect, The Spitzer, Toledo, Ohio.
- Huber Victor, Marble & Granite Co., Scott & St. Louis, New Orleans, La.
- Hubert, Jno., coppersmith, 1714 Thames, Baltimore, Md.
- Huberty, Ernest, archt., 8017 Whitethorn av, N. E., Cleveland, O.
- Hubinger, J. C., Bros. Co., corn oils, starch mfrs., New Haven, Conn.
- Hubley, Gordon A., leather mattress tufts, wiping cloths & paper mill felts, Worcester, Mass.
- Hubley Mfg. Co., toy mfrs., Lancaster, Pa.
- Huck, Fred J., machsts., Tucson, Ariz.
- Huck Mfg. Co., store & bar fix., Quincy, Ill.
- Hucke, Carl, contractor, Burlington, Ia.
- Hucke, Geo., & Sons Building Co., 307 Midland, Kansas City, Ia.
- Hucke Hardware Co., Belleville, Ill.
- Huckins, P. S., Co., lumber, 40 Central, Boston, Mass.
- Hucknall, Thos., contractor, Albion, N. Y.
- Huddart, John J., architect, Bank blk, Denver, Colo.
- Huddleston, A. E., lumber, White Sulphur Springs, W. Va.
- Huddleston Canning Co., Thaxton, Va.
- Huddleston, J. S. F., thermometers, 20 Devonshire, Boston, Mass.
- Huddleston-Marsh Mahogany Co., 33 W. 42d, New York.
- Hudson, A. K., architect, Salina, Kans.
- Hudson, B. A., & Co., carriages, Kingston, N. C.
- Hudson Bag Mfg. Co., Bayonne, N. J.
- Hudson Belt Fastener Co., 103 Chambers, New York.
- Hudson Belting Co., leather belts & washers mfrs., 3 Eaton pl, Worcester, Mass.
- Hudson, Benj. F., architect, 319 9th, Brooklyn, N. Y.
- Hudson Boiler Mfg. Co., 359 W. 42d, New York.
- Hudson Brass Fdry., 352 Pearl, New York.
- Hudson Brass Wks., elec. light fix. mfrs., 16 Nassau, Brooklyn, N. Y.
- Hudson, C. F., & Son, canned goods, Rocky Mount, Va.
- Hudson, C. H., contrs., Trust & Savings Bldg., Los Angeles, Cal.
- Hudson Cement & Supply Co., Baltimore nr 5th av, Balto., Md.
- Hudson & Chester Granite Co., Chester, Mass.
- Hudson, Collins & Hammerich, contractors, Rock Island, Ill.
- Hudson Companies, contractors, 111 B'way, New York.
- Hudson & Co., canned goods, Holley, N. Y.
- Hudson Concrete Constr. Co., 452 Montgomery, Jer. City, N. J.
- Hudson Counter Co., Hudson, Mass.
- Hudson & Dugger Co., cooperage stock, Memphis, Tenn.
- Hudson Export & Import Co., auto. springs, ball bearings, 1737 Broadway, New York.
- Hudson Fibre Co., cotton felts, Hudson, N. Y.
- Hudson Fdry. Co., 173 2d, Jersey City, N. J.
- Hudson, H. L., Co., litho metal boxes, 56 Pearl, B'klyn, N. Y.
- Hudson Hose Mender Co., Melrose, Mass.
- Hudson, J. L., & Co., mill & facty. supplies, Springfield, Ill.
- Hudson, M. D., Jr., & Co., brick, Gainesville, Ga.
- Hudson, M. M., masons' & bldrs.' matls., Holly, Mich.
- Hudson Machy. Co., Passaic, N. J.
- Hudson, Mathew J., contractor, Erie Co. Bk. Bldg., Buffalo, N. Y.
- Hudson Metal Bed Co., Lexington av & 46th, New York.
- Hudson Motor Car Co., automobile builders, 2901 Jefferson av, Detroit, Mich.
- Hudson & Munsell, architects, Stimson Bldg., Los Angeles, Cal.
- Hudson Oil Co., lubrg., 109 Broad, New York.
- Hudson Oil & Supply Co., 49 Hudson, Jersey City, N. J.
- Hudson Paper Co., Leominster, Mass.
- Hudson Products, goggles & eye protectors, 44 E. 23d, New York.
- Hudson River Blue Stone Co., Kingston, N. Y.
- Hudson River Fdry. Co., Poughkeepsie, N. Y.
- Hudson River Lumber Co., De Ridder, La.
- Hudson-Sharp Machine Co., Green Bay, Wis.
- Hudson Supply Co., machsts.' tools, mill & facty. supplies, etc., Front & Market, Wilmington, Del.
- Hudson & Thurber Co., barn equipments & whol. hdwe., 308 3d av, N., Minneapolis, Minn.
- Hudson, W. Asa, architect, Williamson Bldg., Cleveland, Ohio.
- Hudson Wood Working Co., 1616 Webster av, New York.
- Huebel, C. J., Co., lumber, Menominee, Mich.
- Huebel Mfg. Co., machsts. & hdwe. mfrs., 103 Monroe, Newark, N. J.
- Hueber Bros., contrs., Syracuse, N. Y.
- Hueber Bldg. Co., Syracuse, N. Y.
- Huebner, Bleistein Patents Co., machsts., 1200 Niagara, Buffalo, N. Y.
- Huebner, E., & Sons, pearl buttons, 123 Van Buren, Newark, N. J.
- Huebner Mfg. Co., sash, door & blind, Detroit, Mich.
- Huebner Screen Door Co., Detroit, Mich.
- Huefner, V., & Son, distillers, Clarion, Pa.
- Huegly Milling Co., flour, Nashville, Ill.
- Huehl, Schmid & Holmes, archt., 154 W. Randolph, Chicago, Ill.
- Huenefeld Co., stoves, Spring Grove & Straight, Cincinnati, O.
- Huenerberg, William, architect, 1114 Forest av, New York.
- Huesmann & Co., bristles, 47 Cliff, New York.
- Huestis & Huestis, architects, 145 Chestnut, Springfield, Mass.
- Huethwohl, Louis, fndr., 513 Flushing av, Brooklyn, N. Y.
- Huetteman & Cramer Co., machsts., Mack & Beaufait, Detroit, Mich.
- Huetter Constr. Co., Ex. Bk. Bldg., Spokane, Wash.
- Huetter Mach. & Tool Co., Indianapolis, Ind.
- Huetteman & Cramer Co., mfrs. of refrigerating machinery, 26 Griswold, Detroit, Mich.
- Huey, Geo. D., architect, N. Y. Life Bldg., Minneapolis, Minn.
- Huey & Phillip Hardware Co., Dallas, Tex.
- Huff, Chas. B., architect, First Nati. Bk. Bldg., Shreveport, La.
- Huff & Cook, flour mills, Roanoke, Va.
- Huff Electrostatic Separator Co., India, Boston, Mass.
- Huff & Findley, ties, poles & posts, Buckhorn, Ky.
- Huff, James A., cornices & skylights, Northville, Mich.
- Huff, John P., umbrella mfrs., Troy, N. Y.
- Huff, K. E., contractor, Canton, Ohio.
- Huff, S. E., & Co., masons' & bldrs.' matls., Urbana, Ill.
- Huff, Walter S., & Co., architects, Fort Scott, Kan.
- Huffins, Chas. C., & Co., contractors, Frankfort, Ind.
- Huffman, J. W., architect, 221 Nora av, Spokane, Wash.
- Huffman, W. D., Co., canned goods, Indianapolis, Ind.
- Huffman, W. H. C., Sons, contractors & masons' & bldrs.' matls., Williamsport, Pa.
- Hufford & Harding, canned goods, South Lebanon, Ohio.
- Hufschmidt, L. A., Mfg. Co., elec. & gas light fixtures, 773 Mission, San Francisco, Cal.
- Hug, A. C., machinist, Chambersburg, Pa.
- Hug, R., & Son, sashes, doors & blinds, Navarra, Ohio.
- Hugaboom, S. G., architect, Malone, N. Y.
- Hugel, Fred, & Son, brooms, Lawrence, Mass.
- Hugger Bros., contractors, Montgomery, Ala.
- Huggins, Geo. W., Constr. Co., Commerce Bldg., Kansas City, Mo.
- Huggins, Jas., & Son, coal tar products, Malden, Mass.
- Hughart & Kendal, lbr. mfrs., Grand Rapids, Mich.



- Hughart, W. O., Jr., lbr. mfr., Grand Rapids, Mich.  
 Hughes & Aaron, brick, Natchitoches, La.  
 Hughes, Andrew F., architect, 323 W. 69th, Chicago, Ill.  
 Hughes, B. S., architect, Commercial Tribune Bldg., Cincinnati, Ohio.  
 Hughes, B. & T., masons' & bldrs.' matls., Hudsonville, Mich.  
 Hughes & Backoff, architects, 31 Clinton, Newark, N. J.  
 Hughes-Bozarth-Anderson Co., harness, saddles, etc., Oklahoma, Okla.  
 Hughes Bros., contractors, 1123 B'way, New York.  
 Hughes Bros., gin distillers, Bedford, Pa.  
 Hughes Bros., miners' lamps, Scranton, Pa.  
 Hughes Bros. Co., masons' & bldrs.' matls., Bloomington, Ind.  
 Hughes Buggy Co., carriages, Lynchburg, Va.  
 Hughes, C. H., naval architect, 82 Beaver, New York.  
 Hughes & Chipman, billiard tables, 1228 Maine, Kansas City, Mo.  
 Hughes, Clifton D., contractor, Altoona, Pa.  
 Hughes Co., masons' & bldrs.' matls., Charleston, S. C.  
 Hughes & Co., plumbers' supplies—jobbers, Spokane, Wash.  
 Hughes, D. C., architect, Buckhannon, W. Va.  
 Hughes, D. C., & Co., elec. cooking app. & soldering irons, 4642 Ravenswood av, Chicago, Ill.  
 Hughes, D. E., architect, Espy, Pa.  
 Hughes David, stone producer, Fort Worth, Tex.  
 Hughes, E. F., cornices, furnaces, Titusville, Pa.  
 Hughes, E. G., contractor, Scranton, Pa.  
 Hughes, Edw. S., & Co., whol. hdwe., Abilene, Tex.  
 Hughes Electric Heating Co., cooking apparatus, 5660 W. Taylor, Chicago, Ill.  
 Hughes, Elwood, architect, 210 W. 34th, New York.  
 Hughes Eyelet Co., Taunton, Mass.  
 Hughes, F. E., & Co., builders' iron work, etc., 190 South av, Rochester, N. Y.  
 Hughes, F. J., & Co., architects, Hume-Mansur Bldg., Indianapolis, Ind., & 38 S. Main, Dayton, Ohio.  
 Hughes, G. V., lumber, Mount Orab.  
 Hughes, Geo. F., contractor, Council Bluffs, Ia.  
 Hughes, Geo. M., contractor, 211 E. Utica, Buffalo, N. Y.  
 Hughes Granite Co., Clyde, Ohio.  
 Hughes, Hugh, sash, door & blind mfrs., Turin, N. Y.  
 Hughes, J. D., Lumber Co., Highbridge, Ky.  
 Hughes, J. W., Co., massage vibrators, 110 E. 23d, New York.  
 Hughes, James T., cornices & skylights, Fall River, Mass.  
 Hughes, Jno., machst. & fndrs., Mount Morris, Mich.  
 Hughes, Jno., Hardware Co., Fond Du Lac, Wis.  
 Hughes, Jno. R., & Co., trunk mfrs., 40 N. High, Columbus, O.  
 Hughes, John, & Son., contractors, Muskegon, Mich.  
 Hughes & Johnson, granite, Quincy, Mass.  
 Hughes-Keenan Co., structural steel, etc., 260 W. Mulberry, Mansfield, Ohio.  
 Hughes Mfg. Co., dress books & eyes, etc., Rome, N. Y.  
 Hughes & O'Rourke Constr. Co., Dallas, Tex.  
 Hughes & Patterson, fndrs., iron rolling mills, etc., 800 Richmond, Philadelphia, Pa.  
 Hughes, R. H., contractor, Long Branch, N. J.  
 Hughes, Richard, contractor, Wilkes-Barre, Pa.  
 Hughes & Russum, textile machy., supplies, etc., Oxford & Hedge, Philadelphia, Pa.  
 Hughes & Smythe, agricultural implements, Galena, Ohio.  
 Hughes & Son Piano Mfg. Co., Foxcroft, Me.  
 Hughes Supply Co., mill, facty. & plumbers' supplies, Mansfield, Ohio.  
 Hughes, Thos. R., architect, 141 Milk, Boston, Mass.  
 Hughes Universal Arc Lamp Co., 628 Race, Philadelphia, Pa.  
 Hughes, W. J., & Sons Co., plate glass, lbr. mfrs., etc., Louisville, Ky.  
 Hughes, Wm., Co., machinists, Bough, Providence, R. I.  
 Hughey, Wm. J., & Son, auto. wood bodies, 2518 Michigan av, Chicago, Ill.  
 Hughson & Co., lbr. mfrs., Albany, N. Y.  
 Hughson Steam Spec. Co., 5021 State, Chicago, Ill.  
 Hugo Mfg. Co., gas regulators & burners, screw drivers, etc., Duluth, Minn.  
 Hugo Milling Co., flour, Hugo, Okla.  
 Hugo & Tims, contractors, Duluth, Minn.  
 Hugro Mfg. Co., clothes line reels, vacuum cleaners, etc., 327 S. La Salle, Chicago, Ill.  
 Hulle Co., lubrg. oil & greases, 152 Pleasant, Lynn, Mass.  
 Huke, Wm., Rattan & Willowware Mfg. Co., 1007A 7th, St. Louis, Mo.  
 Hukill, Hunter Co., mill & facty. supplies, 414 Wood, Pittsburgh, Pa.  
 Hulbert Bros., trunks, Salt Lake City, Utah.  
 Hulbert, E. S., & Co., butchers' knives, Bernardstown, Mass.  
 Hulburt, S. W., broom & wood handles, Brasher Falls, N. Y.  
 Hulburt, C., & Co., lubrg. oils, 240 Arch, Philadelphia, Pa.  
 Hulburt, Geo. D., architect, Broadway Market Bldg., Detroit, Mich.  
 Hule-Hodge Lumber Co., Ltd., Hodge, La.  
 Hulen, Taylor A., Carriage & Wagon Wks., Denver, Colo.  
 Hulett, Ralph M., Co., architects, Erie Bldg., Cleveland, Ohio.  
 Huling, Lundy, & Sons, sashes, doors & blinds, Myrtle Point, Ore.  
 Hull, A. E., Pottery Co., Crooksville, Ohio.  
 Hull Bros. Umbrella Co., Toledo, Ohio.  
 Hull, C. W., Co., masons' & bldrs.' matls., Omaha, Neb.  
 Hull & Dillon, meat packers, Pittsburg, Kan.  
 Hull, Emmett J., architect, Jackson, Miss.  
 Hull, F. A., & Son, whol. hdwe. & mill, facty., plumbers' & steamfitters' supplies, Danbury, Conn.  
 Hull, Henry, contractor, 1418 F, N. W., Washington, D. C.  
 Hull, Jno. L., common brick, Cambridge, Ill.  
 Hull-Longnecker Co., lumber, Traverse City, Mich.  
 Hull Vehicle Mfg. Co., Savannah, Ga.  
 Hulla, John, architect, 140 S. Dearborn, Chicago, Ill.  
 Hulley Fdry. & Mach. Wks., 802 S. Adams, Marion, Ind.  
 Hull's, D. F., Sons, foundry, Hagerstown, Md.  
 Hulme, Norman, architect, 1524 Chestnut, Philadelphia, Pa.  
 Hulse Bros. & Daniel Co., umbrella mfrs., 16 W. 22d, New York.  
 Hulse, W. E., & Co., architects, Hutchinson, Kan.  
 Hulsebus, Bernhard L., architect, Jefferson Bldg., Peoria, Ill.  
 Hulsander, John D., architect, Park Bldg., Worcester, Mass.  
 Hulson Grate Co., grate bar mfrs., Keokuk, Ia.  
 Hulst & Van Heulen Fuel Co., masons' & bldrs.' matls., Grand Rapids, Mich.  
 Hultgreen, C. O., architect, Jamestown, N. Y.  
 Hultgren, W. P., architect, 1314 Marquette av, Minneapolis, Minn.  
 Hultquist Bros., machsts. & fndrs., Holdridge, Neb.  
 Hults, Ellsworth H., Jr., paper & pulp mills, 28 S. 6th, Philadelphia, Pa.  
 Hum & Leatherman, lightning rods, 103 Market, Pittsbg., Pa.  
 Humane Restraint Co., furniture, Madison, Wis.  
 Humane Tug Post Co., 1639 S. Wabash av, Chicago, Ill.  
 Humason & Beckley Mfg. Co., hdwe. mfrs. & machsts. & fndrs., New Britain, Conn.  
 Humber, R. L., Mach. Wks., Greenville, N. C.  
 Humbert & Andrews, canned goods, 646 Dean, Brooklyn, N. Y.  
 Humbert, B. F., contractor, Uniontown, Pa.  
 Humbert, C. S., canned goods, Troutville, Va.  
 Humbert, J. S., machy. dir., 114 Liberty, New York.  
 Humbert, Wm. S., masons' & bldrs.' matls., Niagara Falls, N. Y.  
 Humbird Lbr. Co., Sand Point, Idaho.  
 Humbird Supply Co., mill & facty. supplies, Cumberland, Md.  
 Humble, W. H., stoves, Holly Grove, La.  
 Humboldt Brick Mfg. Co., Humboldt, Kan.  
 Humboldt Cotton Mills, cordage mfrs., Humboldt, Tenn.  
 Humboldt Mach. & Stamping Co., Vernon av & 10th, L. I. City, N. Y.  
 Humboldt Mfg. Co., scientific instruments, 2014 Nebraska av, Chicago, Ill.  
 Humboldt Milling Co., sashes, doors & blinds, Fortuna, Cal.  
 Hume-Bennett Lbr. Co., Muskegon, Mich.  
 Hume, G. W., canned goods, 112 Market, San Francisco, Cal.  
 Hume Mfg. Co., laundry marking machines, Kansas City, Kan.  
 Hume Mfg. Co., traction engines, Hume, Ill.  
 Hume Milling Co., flour, Bowling Green, Mo.  
 Hume, Raphael, architect, 477 5th av, New York.  
 Humes, Albert H., architect, Pawtucket, R. I.  
 Humes Construction Co., 76 Dorrance, Providence, R. I.  
 Humes Mfg. Co., mill & facty. supplies, East Providence, R. I.  
 Humiston, Edgar, contractor, Sandwich, Ill.  
 Hummel, A. E., architect, Sheridan, Wyo.  
 Hummel C. & Sons, machinists, 320 Pearl, New York.  
 Hummel, David, Bldg. Co., 2629 Spring Grove av, Cincinnati, O.  
 Hummel & Downing Co., paper & pulp mills, N. Cambridge av, Milwaukee, Wis., & 343 S. Dearborn, Chicago, Ill.  
 Hummel, Geo. J., Saddletree Co., Madison, Ind.  
 Hummel & Hillebrand, contractors, Toledo, Ohio.  
 Hummel, J. F., & Sons, stone producers, Huntsville, Ala.  
 Hummel, W. F., Knitting Wks., sweaters, etc., 926 3d, Milwaukee, Wis.  
 Hummell, Wm. W., contractor, Toledo, Ohio.  
 Hummerch, Benj., brick, Freelandville, Ind.  
 Hump Hair Pin Mfg. Co., 1918 Prairie av, Chicago, Ill.  
 Humphreville, W. E., contractor & masons' & bldrs.' matls., Houston, Tex.  
 Humphrey Brick & Tile Co., Brookville, Pa.  
 Humphrey Bros., lumber, Gaylord, Mich.  
 Humphrey Co., water heaters, 715 Rose, Kalamazoo, Mich.  
 Humphrey, E. C., contractor, Hackensack, N. J.  
 Humphrey, H. W., washers, Unionville, Conn.  
 Humphrey, John, contractor, 56 Perkins, New Haven, Conn.  
 Humphrey Mach. Co., Keene, N. H.  
 Humphrey Mfg. Co., machsts. & fndrs., Elkins, W. Va.  
 Humphrey Mfg. Co., machsts. & fndrs., Towanda, Pa.  
 Humphrey Pipe & Foundry Co., Bellefontaine, Ohio.  
 Humphrey, R. T., htg. contrs., 210 E. 7th, Brooklyn, N. Y.  
 Humphrey & Son, agricultural implements, Joliet, Ill.  
 Humphrey-Widman Bookcase Co., Kirby & 14th, Detroit, Mich.  
 Humphrey & Young, paper & pulp mills, Napanoch, N. Y.  
 Humphreys, C. Gilbert, architect, Winston-Salem, N. C.  
 Humphreys, E. C., Co., alloys, blast furnaces, metals, etc., Book Bldg., Detroit, Mich.  
 Humphreys, Geo., dock bldr., 575 Clinton, Brooklyn, N. Y.  
 Humphreys, H., & Co., lbr., Camden, N. J.  
 Humphreys Mfg. Co., plumbers' supplies—jobbers, Mansfield, O.  
 Humphries, C. J., sash, door & blind, Ogden, Utah.  
 Humphries Mfg. Co., pumps, etc., 201 E. 5th, Mansfield, Ohio.  
 Humphry's R. A., Sons, contractors' tents, tool bags, flag mfrs., etc., 1021 Callowhill, Philadelphia, Pa.  
 Humpton-Scott Co., toys, games & nov., Columbus, Ohio.  
 Humrickhouse, Samuel J., architect, Shepherdstown, W. Va.  
 Hundley, J., architect, Pittock Bldg., Portland, Ore.  
 Hundred Milling Co., flour, Hundred, W. Va.



- Huner, John T., match mfr., Evergreen, N. Y.  
 Hungarian Milling & Elevator Co., Denver, Colo.  
 Hungerford, Darius, architect, 842 Broadway, Nashville, Tenn.  
 Hungerford, J. A., cornices, 31 Wall, Auburn, N. Y.  
 Hungerford, P. B., sash, door & blind, Lincoln, Ill.  
 Hungerford & Terry, water fitters, Penna. Bldg., Phila., Pa.  
 Hungerford, U. T., Brass & Copper Co., pruning cups, 80 Lafayette, New York.  
 Hunkin, Conkey Construction Co., Cuyahoga Bldg., Cleveland, O.  
 Hunkins-Willis Lime & Cement Co., Century Bldg., St. Louis, Mo.  
 Hunnewell Soap Co., 312 Genesee, Cincinnati, Ohio.  
 Hunnicutt, Chas., Co., seed corn graders, Wilmington, Del.  
 Hunnicutt, J. E., Co., cornices, Atlanta, Ga.  
 Hunsader, John, Mach. Co., Sturgeon Bay, Wis.  
 Hunsicker Engng. Co., machsts. & fndrs., Lebanon, Pa.  
 Hunt, A. C., & Co., meat packers, Springfield, Mass.  
 Hunt Bros., contractors, Kingston, N. Y.  
 Hunt Bros. Co., canned goods, San Francisco, Cal.  
 Hunt & Brown, architects, Laughlin Bldg., Los Angeles, Cal.  
 Hunt, C. H., Co., mining screens, Wilkes-Barre, Pa.  
 Hunt, C. Howard, Pen Co., machsts., Camden, N. J.  
 Hunt, C. W., Co., machy. mfrs., West New Brighton, New York.  
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 Hunt-Crawford Co., paper, Coshocton, Ohio  
 Hunt & Dorman Mfg. Co., stamping wks., 1600 E. 24th, Cleveland, Ohio.  
 Hunt, E. Hamilton, machsts.' tools & supplies, 136 W. Lake, Chicago, Ill.  
 Hunt, Edmund S., & Sons Co., fireworks, Weymouth, Mass.  
 Hunt, Edw. J., transformer oils, 707 Ordway Bldg., Newark, N. J.  
 Hunt Engineering Co., Republic Bldg., Kansas City, Mo.  
 Hunt, Geo. L., contractor, St. Petersburg, Fla.  
 Hunt, Geo. W., architect, 75 State, Albany, N. Y.  
 Hunt, Gilbert J., contractor, Richmond, Va.  
 Hunt Glass Co., Corning, N. Y.  
 Hunt, Harry, machst. & fndr., 97 Haverhill, Boston, Mass.  
 Hunt, Helm, Ferris & Co., agricultural implements & barn equipments, Harvard, Ill.  
 Hunt, Henry, glass stainers, 175 Steuben, Pittsburgh, Pa.  
 Hunt, Henry C., Co., mill & facty. supplies, 135 Oliver, Boston, Mass.  
 Hunt & Hunt, architects, 28 E. 21st, New York.  
 Hunt, J. Osborn, architect, 114 N. Montgomery, Trenton, N. J.  
 Hunt, J. T., & Co., contractors, Greensboro, N. C.  
 Hunt, Jas. B., Mfg. Co., masons' & bldrs.' matls., Trenton, N. J.  
 Hunt, Jarvis, architect, 30 N. Michigan av, Chicago, Ill.  
 Hunt & Kopitke, architects, The Spitzer, Toledo, Ohio.  
 Hunt, L. F., contractor, Decatur, Ill.  
 Hunt, M. A., Co., mattresses, Dempsey & C. H. & D. Ry., Cincinnati, Ohio.  
 Hunt, M. N., contractor, Sault Sainte Marie, Mich.  
 Hunt Mfg. Co., disinfectants, 3335 Broadview, Cleveland, Ohio.  
 Hunt Metal Corner Co., sherardizing, Westboro, Mass.  
 Hunt Mottet Co., whol. hdwe. & mill & facty. supplies, Tacoma, Wash.  
 Hunt, Myron, architect, Hibernian Bldg., Los Angeles, Cal.  
 Hunt Packing Co., Beaufort, S. C.  
 Hunt, Philip A., Co., gold leaf, 225 5th av, New York.  
 Hunt, R. H., architect, James Bldg., Chattanooga, Tenn.  
 Hunt, Robt. W., & Co., inspecting engrs., 175 W. Jackson blvd., Chicago, Ill.  
 Hunt, Rodney, Machine Co., machsts. & fndrs., Orange, Mass.  
 Hunt, Roland E., architect, First Natl. Bk. Bldg., Norwood, Cincinnati, Ohio.  
 Hunt-Spiller Mfg. Corp., gun metal castings, 395 B'way, Boston, Mass.  
 Hunt Spring Bed Co., Chattanooga, Tenn.  
 Hunt, W. A., sashes, doors & blinds, Cambridge, Ohio.  
 Hunt, W. W., & Co., landscape archt., 24 State, Hartford, Conn.  
 Hunt & Washburn, buckwheat flour, Delanson, N. Y.  
 Hunt, Wm. A., architect, Lonsdale Bldg., Duluth, Minn.  
 Hunt, Wm. E., architect, Torrington, Conn.  
 Hunter, A. J., machst. & fndr., Knobnoster, Mo.  
 Hunter, Alfred, & Co., brick, Albany, N. Y.  
 Hunter, Allen & Co., lumber, Winchester, Ill.  
 Hunter Arms Co., rifles, guns etc., Fulton, New York.  
 Hunter, B. Frischkorn, mill & facty. supplies—wholesale, Richmond, Va.  
 Hunter & Bell, architects, Southern Bldg., Washington, D. C.  
 Hunter, Benn & Co., lumber mfrs., Mobile, Ala.  
 Hunter Bros. Stone Co., Bloomington, Ind.  
 Hunter Brush Mfg. Co., Blanchester, Ohio.  
 Hunter, Chas. E. Farmer's Friend Plow Wks., Fredericksburg, Va.  
 Hunter Co., lumber, Jacksonville, Fla.  
 Hunter Constr. Co., Youngstown, Ohio.  
 Hunter, D. H., contractor, 1820 N. 11th, Reading, Pa.  
 Hunter, Dexter, lbr. mfrs., Albany, N. Y.  
 Hunter & Dickson Co., steam fitters' supplies, 241 Arch, Philadelphia, Pa.  
 Hunter Dry Kiln Co., Fidelity Trust Bldg., Indianapolis, Ind.  
 Hunter-Everett Boat Co., launch & yacht motor boat bldrs., McHenry, Ill.  
 Hunter Fan & Motor Co., Fulton, N. Y.  
 Hunter, Frank B., architect, State Life Bldg., Indianapolis, Ind.  
 Hunter & Gordon, architects, Charlotte, N. C.  
 Hunter, Harry Edgar, archt., Security Bldg., Cedar Rapids, Ia.  
 Hunter & Havens, whol. hdwe. & mill & facty. supplies, Bridgeport, Conn.  
 Hunter Illuminated Car Sign Co., Linden av, Flushing, N. Y.  
 Hunter & Irvine, flour mills, Washington, Ky.  
 Hunter, Jas., Htg. & Contrg. Co., Albany, N. Y.  
 Hunter, Jas., Machine Co., North Adams, Mass.  
 Hunter, Jas. S., machst. & fndr., Ashland, Ohio.  
 Hunter, Jno. D., architect, 335 Sterling, Watertown, N. Y.  
 Hunter, John S. V., pipes, smoking, Camden, N. J.  
 Hunter, K. C., contractor, Grand Forks, N. D.  
 Hunter, L. L. (Est. of), lumber, Tidouete, Pa.  
 Hunter Lumber Co., Berkeley, Cal.  
 Hunter, M. W., contractor, Bedford, Ind.  
 Hunter Milling Co., flour, Wellington, Kans.  
 Hunter, Paul C., architect, 191 9th av, New York.  
 Hunter Pressed Steel Co., cor. Orthodox & Horrocks, Phila., Pa.  
 Hunter, R. Malcolm, architect, Annapolis, Md.  
 Hunter, S. M., & Co., contractors, 5643 Harper av, Chicago, Ill.  
 Hunter & Saner, lumber, Prosperity, S. C.  
 Hunter Saw & Machine Co., 57th & Butler, Pittsburgh, Pa.  
 Hunter & Son, stone producers, Gloversville, N. Y.  
 Hunter, Stevens & Co., lumber mfrs. & masons' & bldrs.' matls., La Salle, Ill.  
 Hunter & Strehlow Co., cornices, Peoria, Ill.  
 Hunter, W. E. N., architect, Cham. of Com. Bldg., Detroit, Mich.  
 Hunter, W. H., masons' & bldrs.' matls., Wingate, Ind.  
 Hunter, Wm., Mach. Co., Hoboken, N. J.  
 Hunters Point Dry Docks, 1 B'way, New York.  
 Hunting Co., plumbers' supplies—jobbers, Rochester, N. Y.  
 Hunting-Davis Co., architects, Century Bldg., Pittsburgh, Pa.  
 Huntingburg Dry Pressed Brick Co., Huntingburg, Ind.  
 Huntingburg Wagon Wks., Huntingburg, Ind.  
 Huntington, Alfred, machsts., Ripley, N. Y.  
 Huntington Brick Co., Huntington, Ind.  
 Huntington, Chas. W., lumber, Washington, Vt.  
 Huntington, Dan'l R., architect, Colman Bldg., Seattle, Wash.  
 Huntington, G. W., Architect Co., McPhee Bldg., Denver, Colo.  
 Huntington, H. J., cornices & skylights, 1010 Superior av, Cleveland, Ohio.  
 Huntington Handle Co., Huntington, W. Va.  
 Huntington Hardware Co., Huntington, W. Va.  
 Huntington Hogshead & Specialty Mfg. Co., Huntington, W. Va.  
 Huntington Iron Wks., Huntington, W. Va.  
 Huntington Mach. & Fdry. Co., Huntington, Ind.  
 Huntington Machy. & Supply Co., Wilkes-Barre, Pa.  
 Huntington Piano Co., Shelton, Conn.  
 Huntington Roofing & Tile Co., Huntington, W. Va.  
 Huntington Seating Co., church furniture, Huntington, W. Va.  
 Huntington & Son, sash, door & blind, Ladoga, Ind.  
 Huntington Spring Bed Co., Huntington, W. Va.  
 Huntington Stove & Foundry Co., Huntington, W. Va.  
 Huntington Tumbler Co., glass, Huntington, W. Va.  
 Huntley & Dardinger Corp., contractors, Electric Bldg., Buffalo, New York.  
 Huntley, J. G., machsts., Pittston, Pa.  
 Huntley Machy. Co., Holland, Mich.  
 Huntley Mfg. Co., machsts. & fndrs., Silver Creek, N. Y.  
 Huntley, W. S., lbr., Ripton, Vt.  
 Hunton & Weeks, lumber, 1015 Russell, Detroit, Mich.  
 Huntsville Brick Co., Huntsville, Ala.  
 Huntsville Coffin Co., Huntsville, Ark.  
 Huntsville Cotton Oil Co., meal, fertz. mfrs., Huntsville, Tex.  
 Huntsville Fibre & Veneer Works, Huntsville, Ala.  
 Huntsville Foundry & Machine Co., Huntsville, Ala.  
 Huntsville Handle Mfg. Co., Huntsville, Mo.  
 Huntsville Lumber & Mfg. Co., Huntsville, Ala.  
 Huntsville Warehouse Co., fertilizer mfrs., Huntsville, Ala.  
 Hunt, Albert F., architect, 1107 E. Main, Richmond, Va.  
 Hunzicker, John, architect, Eugene, Ore.  
 Hunzinger, Geo., & Son, card tables, 323 W. 16th, New York.  
 Hunzinger, J. H., & Co., contractors, Iowa City, Ia.  
 Hupfaut, Herman, contractor, 7 E 42d, New York.  
 Hupp Motor Car Co., Milwaukee & Mt. Elliott av, Detroit, Mich.  
 Hupp-Yeats Electric Car Co., Lyncaste & Detroit ter, Detroit, Mich.  
 Hurck Indian Motor Co., 109 N. 12th, St. Louis, Mo.  
 Hurd Bros., lbr., 719 Bailey av., Buffalo, N. Y.  
 Hurd, Geo. B., & Co., pads & tablets, 425 Broome, New York.  
 Hurd, Geo. R., Co., masons' & bldrs.' matls., Monroe, Mich.  
 Hurd & Gore, architects, 8 Beacon, Boston, Mass.  
 Hurd, Jos. A., Lumber Co., 53 State, Boston, Mass.  
 Hurd, O. P., Jr., & Co., lbr. mfrs., Cairo, Ill.  
 Hurd, T. P., & Son, masons' & bldrs.' matls., Clyde, Ohio.  
 Hurewitz, J., button molds, 33 Bleecker, New York.  
 Hurlburt Motor Truck Co., 30 E. 42d, New York.  
 Hurlbut, Rogers Machinery Co., South Sudbury, Mass.  
 Hurley Bros., contractors, Newton Center, Mass.  
 Hurley-Grant Co., mill & facty. supplies, Willimantic, Conn.  
 Hurley, J. W., canned goods, Urbana, Va.  
 Hurley, John E., boilers, 1219 Ohio av, Washington, D. C.  
 Hurley, Jno. H., contractor, Trenton, N. J.  
 Hurley Machine Co., electric labor driving machines, 36 S. Clinton, Chicago, N. Y.  
 Hurley-Mason Co., contractors, Tacoma, Wash.  
 Hurley, P. J., contractor, 1233 Cherry, Philadelphia, Pa.  
 Hurley, W. S., sashes, doors & blinds, Aberdeen, N. C.



- Hurley & Wainwright, brass ingots, 81 Fulton, New York.  
Hurline, Henry, contractor, Old York rd. Baltimore, Md.  
Hurlock, C. S., canned goods, Massey, Md.  
Burmus Paper Co., West Dudley, Mass.  
Hurni, R., Packing Co., meat, Sioux City, Ia.  
Huron Canning Co., Port Austin, Mich.  
Huron Implement Co., Bad Axe, Mich.  
Huron Milling Co., flour, Huron, S. D.  
Huron Milling Co., starch, Harbor Beach, Mich.  
Huron Portland Cement Co., Ford Bldg., Detroit, Mich.  
Huron Rubber Co., pneu. tel. cushions, Cleveland, Ohio.  
Hurricane Creek Lumber Co., Guy, La.  
Hursh, Joseph, architect & contractor, Mansfield, O.  
Hurst, A. (Est. of), lime mfrs., Maquoketa, Ia.  
Hurst, H. L., Mfg. Co., machsts., Canton, Ohio.  
Hurst, Leo., contractor, Pocatello, Idaho.  
Hurt, R. D., canned goods, Salem, Va.  
Hurwitz Bros. Iron & Metal Co., scrap iron, Syracuse, N. Y.  
Hurwitz, H., architect, 270 Grand, New York.  
Huse, Jos., & Son, mica chimneys, 91 Blackstone, Boston, Mass.  
Huse, W. D., & Sons, mill & facty. supplies, Laconia, N. H.  
Huselton Automobile Co., Butler, Pa.  
Huseman, Augustus, common brick, Pittsfield, Ill.  
Huss Bros. Co., store fixtures, 203 W. 3d, Cincinnati, Ohio.  
Huss Mfg. Co., cotton damasks, Bessemer City, N. C.  
Hussa, Theo. F., singeing machs., 50 Church, New York.  
Hussebrath Importing Co., rattans, bamboo, 37 Liberty, New York.  
Hussey-Binns Shovel Co., shovels, spades & scoops, 223 4th av. Pittsburgh, Pa.  
Hussey-Binns Steel Co., mfrs. of tool steel, 223 4th av, Pittsburgh, Pa.  
Hussey, C. G., & Co., copper hammers, 2850 2d av, Pittsburgh, Pa.  
Hussey Drop Forge & Mfg. Co., auto axles, radiators, wheels, etc., Cleveland, Ohio.  
Hussey, John R., dry kiln doors, Indianapolis, Ind.  
Hussey, McCann & Co., machsts.' tools & supplies, 87 Warren, New York.  
Hussey, M. M., & E. T., lime mfrs., Palmyra, Tenn.  
Hussey Plow Co., North Berwick, Me.  
Hussey, W. H., & Son, plumbers' supplies—jobbers, 148 W. 35th, New York.  
Hussong Dyeing & Mach. Co., Groveville, N. J.  
Hust, Fred, architect, Felf Bldg., Salt Lake City, Utah.  
Hustead-Semans Coal & Coke Co., Uniontown, Pa.  
Husted, A. P., Co., masons' & bldrs.' matls., Tarrytown, N. Y.  
Hustisford Canning Co., Hustisford, Wis.  
Huston, Darbee & Co., fertilizer mfrs., Seaford, Del.  
Hutchens, Chas. E., contractor, Huntsville, Ala.  
Hutchens & Sampson, flour mills, Yackinville, N. C.  
Hutcheson Mfg. Co., rope, Banning, Ga.  
Hutcheson, Wm., machsts., 212 N. Holliday, Baltimore, Md.  
Hutchings & Co., horticultural archts., Penna. Bldg., Phila., Pa.  
Hutchings, Geo. T., granite producers, Milford, Mass.  
Hutchings, John Bacon, & Sons, architects, Columbia Bldg., Louisville Ky.  
Hutchings, John F., contractor, Muncie, Ind.  
Hutchings Organ Co., 18 Tremont, Boston, Mass.  
Hutchins, A. W., & A. B., brick, Orland, Me.  
Hutchins, Arthur L., contractor, Watertown, Mass.  
Hutchins Car Roofing Co., Ford Bldg., Detroit, Mich.  
Hutchins & French, architects, 6 Beacon, Boston, Mass., & Manchester, N. H.  
Hutchins, Geo. E., mill & facty. supplies, Lowell, Mass.  
Hutchins, H. Wesley Co., lbr., Auburn, Me.  
Hutchins, J. C., butter tubs, Montgomery Center, Vt.  
Hutchins, J. W., brick, Durham, N. C.  
Hutchins-Kilbourne Co., broilers & hdwe. mfrs., 895 Niagara, Buffalo, N. Y.  
Hutchins, S. B., contractor, Portsmouth, Va.  
Hutchins, Wallace J., contractor, Fitchburg Mass.  
Hutchinson Box Board & Paper Co., Hutchinson, Kans.  
Hutchinson Bros., hotel cooking apparatus mfrs., Balto., Md.  
Hutchinson Bldg. Co., Concord, N. H.  
Hutchinson Co., contractors, Oakland, Cal.  
Hutchinson Concrete Co., Hutchinson, Kans.  
Hutchinson & Cutler, architects, Cutler Bldg., Rochester, N. Y.  
Hutchinson, D. W., oils, 94 John, New York.  
Hutchinson Forman S., contractor, Belmar, N. J.  
Hutchinson Foundry & Machine Wks., Hutchinson, Kans.  
Hutchinson, Homer H., saw bucks & frames, Bristol, N. H.  
Hutchinson, Jno., Mfg. Co., ball wheels, Jackson, Mich.  
Hutchinson, John, & Sons, stone, 2383 1st av, New York.  
Hutchinson Leather Machine Co., Winchester, Mass.  
Hutchinson Lbr. Co., Lynn, Mass.  
Hutchinson Lumber & Planing Mill Co., Hutchinson, Kans.  
Hutchinson Lumber & Supply Co., Cordele, Ga.  
Hutchinson, Robert C., architect, 126 Liberty, New York.  
Hutchinson, Sam'l R., stone producers, Trenton, N. J.  
Hutchinson, W. R., & Co., contractors, Michigan City, Ind.  
Hutchinson, W. H., & Son, tin foil, 319 S. Desplaines, Chicago, Ill.  
Hutchinson, W. Henry, whol. hdwe., 49 Monroe, Lynn, Mass.  
Hutchison, Darby H., architect, Huntington, W. Va.  
Hutchison & Denham, architects, City Bk. Bldg., Mobile, Ala.  
Hutchison, Frank, machst., Jackson, Mich.  
Hutchison, Jas. G., architect, 101 Tremont, Boston, Mass.  
Hutchison, T. T., & Co., harness mfrs., Wheeling, W. Va.  
Hutchison Vapor Heating Corp., heating system, Woodward Bldg., Washington, D. C.  
Huth, N. G., Dredging Co., Franklin, La.  
Huther Bros Saw Mfg. Co., University av, Rochester, N. Y.  
Hutkoff, Nathan, & Co., plate glass, 80 Greene, New York.  
Hutsinpillar, Sheridan Co., whol. hdwe. & masons' & bldrs.' matls., Ironton, Ohio.  
Hutt, J. E., Contracting Co., Midland Bldg., Kansas City, Mo.  
Hutt & Knod, contractors, Pottstown, Pa.  
Hutter Constr. Co., Fond Du Lac, Wis.  
Hutter, Frank, masons' & bldrs.' matls., Cle Elum, Wash.  
Hutter, Karl, bottle stoppers, 241 Lafayette, New York.  
Huttig Mfg. Co., sashes, doors & blinds, Muscatine, Ia.  
Huttig Sash & Door Co., 1206 Old Manchester, St. Louis, Mo.  
Hutton & Bourbonnais Co., lbr., Hickory, N. C.  
Hutton & Buys, architects, 103 Park av, New York.  
Hutton Co., brick, Kingston, N. Y.  
Hutton, Isaac E., sash, door & blind, Ridgewood, N. J.  
Hutton, J. M., & Co., coffins, etc., Richmond, Ind.  
Hutton, Jos. T., & Son, architects, Hammond, Ind.  
Hutton, L. Percival, architect, Orlando, Fla.  
Hutton Mfg. Co., bathing suit mfrs., 44 N. 3d, Philadelphia, Pa.  
Hutton, Robt. Co., cornices, 116 Fort, E. Detroit, Mich.  
Huxley, Frank, contractor, Northampton, Mass.  
Huxley Valve Co., machsts., 281 Chicago, Buffalo, N. Y.  
Huyck, F. C., & Sons, wood felts, Rensselaer, N. Y.  
Huyette, Paul B., Co., steamfitters' supplies, 5 S. 18th, Philadelphia, Pa.  
Hvass, Chas., & Co., machsts., 511 E. 18th, New York.  
Hyacinth Packing Co., Hyacinth, Va.  
Hyatt, F. H., stone, Columbia, S. C.  
Hyatt Roller Bearing Co., roller bearing mfrs., Harrison, N. J.  
Hyatt-Wise Mfg. Co., mantles, Columbus, Ohio.  
Hyde, Albert, & Son, mns. & bldrs.' matls., Grand Rapids, Mich.  
Hyde Bros. & Co., water tube boilers, Commonwealth Bldg., Pittsburgh, Pa.  
Hyde, C. L., Construction Co., San Diego, Cal.  
Hyde Carbon Black Co., Ridgway, Pa.  
Hyde, Chas. J., agricultural implements & mill & facty. supplies, Meridian, Miss.  
Hyde, E. Belcher, maps, 97 Liberty, Brooklyn, N. Y.  
Hyde, E. H., machst. & fndr., Lancaster, Wis.  
Hyde, Frank D., contractor, 90 West, New York.  
Hyde, Geo. E., & Co., canned goods, Campbell, Cal.  
Hyde, Harjes & Co., contractors & dock bldrs., 110 Market, San Francisco, Cal.  
Hyde, L. F., architect, 2745 26th av, Oakland, Cal.  
Hyde Mfg. Co., knives, broom needles, shoemakers' blades, etc., Southbridge, Mass.  
Hyde-Murphy Co., masons' & bldrs.' matls. & sash, door & blind mfrs., Ridgway, Pa.  
Hyde Park Foundry & Mach. Co., Hyde Park, Pa.  
Hyde, Robt. M., architect, 110 S. Dearborn, Chicago, Ill.  
Hyde, W. F., Co., contractors, 1008 Scoville av, Cleveland, Ohio.  
Hyde, W. H., & Co., masons' & bldrs.' matls., Ridgway, Pa.  
Hyde, W. L., & Co., blackboard erasers, 94 Blackstone, Boston, Mass.  
Hyde Windlass Co., machsts. & fndrs., Bath, Me.  
Hyder, Jas. B., architect, 1609 Franklin, Denver, Colo.  
Hyder, K. Lee, architect, David Whitney Bldg., Detroit, Mich.  
Hydeville Slate Wks., for elec. purposes, Hydeville, Vt.  
Hydrated Lime Bureau, Arrott Bldg., Pittsburgh, Pa.  
Hydraulic Engng. Wks., machsts., 708 Fulton, Chicago, Ill.  
Hydraulic Hoist Mfg. Co., St. Paul, Minn.  
Hydraulic Press Brick Co., St. Louis, Mo.  
Hydraulic Press Mfg. Co., briquetting mach., Mount Gilead, O.  
Hydraulic Pressed Steel Co., 3182 E. 61st, Cleveland, Ohio.  
Hydraulic Specialty Co., closet couplings, 427 Walnut, Philadelphia, Pa.  
Hydraulic Supply Mfg. Co., riveted steel pipe, Seattle, Wash.  
Hydrex Felt & Engng. Co., 120 Liberty, New York.  
Hydro Construction Co., Mutual Life Bldg., Buffalo, N. Y.  
Hydro Damp-Proofing & Engng. Co., paint mfrs., Pittsburgh, Pa.  
Hydro Mfg. Co., water level gauges, Bullitt Bldg., Phila., Pa.  
Hydro Palm Soap Co., Neponset, Boston, Mass.  
Hydro-Pneumatic Disinfecting Co., 221 Mercer, New York.  
Hydro Stone Products Co., Insurance Exch. Bldg., Chicago, Ill.  
Hydrofluoric Mfg. Co., acid, York, Pa.  
Hydrolith Co., sanitary flooring, 25 Dean, Brooklyn, N. Y.  
Hyer, David B., architect, Charleston, S. C.  
Hyer, W. C., cornices & skylights, Aiken, S. C.  
Hyett, Robt. L., architect, 606 S. Michigan av, Chicago, Ill.  
Hyfield Mfg. Co., safety razor blade sharpening machs., 21 Walker, New York.  
Hygeia Antiseptic Toothpick Co., 160 W. 14th, New York.  
Hygeia Filter Co., 348 Denton, Detroit, Mich.  
Hygeno Disinfectant Co., sheep dips, Cleveland, Ohio.  
Hygenol Co., soap, 2837 Henn, Minneapolis, Minn.  
Hygia Can Co., c Duane & Elm, New York.  
Hygienic Blanket Mills, Hubbardston, Mass.  
Hygienic Fleeced Underwear Co., 2415 Howard, Phila., Pa.  
Hygienic Products Co., soap, Canton, Ohio.  
Hygrade Lamp Co., Salem, Mass.  
Hyland, Paul V., architect, 29 E. Madison, Chicago, Ill.  
Hyland, R. H., & Co., contractors, 323 Wells, Chicago, Ill.



- Hyland, W. J., Mfg. Co., ball cocks, Springfield, Mass.  
 Hyland Wm. A., Jr., fndr., Galena, Md.  
 Hyman, Frank, mattresses, 1329 Clybourn, Chicago, Ill.  
 Hyman, Louis P., & Co., scrap iron & steel, Louisville, Ky.  
 Hyman-Michaels Co., scrap iron, People's Gas Bldg. Chicago, Ill.  
 Hyman Supply Co., mill & facty. supplies, Newbern, N. C.  
 Hymera Canning Co., Hymera, Ind.  
 Hymes Bros. Co., oils, 235 Pearl, New York.  
 Hyndman Roofing Co., corrugated iron roofing, etc., 318 E. 2d, Cincinnati, Ohio.  
 Hyne, F. T., & Son, masons' & bldrs.' matls., Brighton, Mich.  
 Hynes, Frank R., machst., Camden, N. Y.  
 Hynes, John, granite prod., Bond & Union, Brooklyn, N. Y.  
 Hynes & Myers, brass fndrs., 458 E. 10th, New York.  
 Hynne-Benrud Granite Co., La Crosse, Wis.  
 Hynson Tool & Supply Co., 4758 Easton av, St. Louis, Mo.  
 Hyslop, W. W., architect, Anaconda, Mont.  
 Hyslop & Westcott, architects, Rookery Bldg., Spokane, Wash.  
 Hysor, C. H., archt., Wright & Callender Bldg., Los Angeles, Cal.  
 Hyssong, C. A., potteries, Bloomsburg, Pa.  
 Hytee's Factories, Inc., elec. lanterns, Indianapolis, Ind.
- Iatt Lumber Co., Ltd., Colfax, La.  
 Ibberson, T. E., contractor, Corn Exchange, Minneapolis, Minn.  
 Ibbotson, Jos. N. C., architect, Haverhill, Mass.  
 Iberia Canning Co., Iberia, Mo.  
 Ice & Cold Mach. Co., 3003 N. B'way, St. Louis, Mo.  
 Ice Cream Trade Journal, 150 Nassau, New York.  
 Ice, F. P., & Son, lumber, Mount Summit, Ind.  
 Ice & Refrigeration, trade publication, 431 S. Dearborn, Chicago, Ill.  
 Ickelheimer Bros. Co., elec. & gas light fixtures, 439 Sutter, San Francisco, Cal.  
 Icy-Hot Bottle Co., 144 W. 2d, Cincinnati, Ohio.  
 Ida Canning Co., Ida, Mich.  
 Idaho Canning Co., Payette, Idaho.  
 Idaho Elec. & Mfg. Co., cooking app., Porcatell, Idaho.  
 Idaho Fire Brick Co., Troy, Idaho.  
 Idaho Hardware & Plumbing Co., Ltd., Boise, Idaho.  
 Idaho Lime Co., masons' & bldrs.' matls., Spokane, Wash.  
 Idaho Nat. Harvester Co., machsts. & fndrs., Moscow, Idaho.  
 Idaho Portland Cement Wks., Spokane, Wash.  
 Idaho Prov. & Packing Co., meat, Boise, Idaho.  
 Idaho Soap Co., Boise, Idaho.  
 Iddings Co., oil cans, lanterns, etc., Warren, Ohio.  
 Ide, A. L., & Sons, steam engines, Springfield, Ill.  
 Ide, E. T., & H. K., masons' & bldrs.' matls., St. Johnsbury, Vt.  
 Ide Lumber Co., packing boxes, Southbridge, Mass.  
 Ideal Acetylene Co., heating contrs., Johnstown, Pa.  
 Ideal Aeroplane & Supply Co. toys, 84 W. B'way, New York.  
 Ideal Air Brush Co., 88 E. 10th, New York.  
 Ideal Auto Co., Fort Wayne, Ind.  
 Ideal Automatic Mfg. Co., metallic packing mfrs., 125 Watts, New York.  
 Ideal Book Mach. Corner Co., Worcester, Mass.  
 Ideal Bronze Co., fndrs., 1265 E. 55th, Cleveland, Ohio.  
 Ideal Case Hardening Compound Co., 29 B'way, New York.  
 Ideal China Kiln Co., Port Huron, Mich.  
 Ideal Clamp Mfg. Co., 202 Bradford, Brooklyn, N. Y.  
 Ideal Coated Paper Co., Brookfield, Mass.  
 Ideal Concrete Machinery Co., 1346 Monmouth av, Cincinnati, O.  
 Ideal Cornice Co., 1040 Howard, San Francisco, Cal.  
 Ideal Cut Glass Co., Canastota, N. Y.  
 Ideal Desk Co., book cases, Auburn, Me.  
 Ideal-Die Casting Co., castings in gold, silver, brass & compositions, 756 Eddy, Providence, R. I.  
 Ideal Elec. Mfg. Co., stor. battery charging sets, Mansfield, O.  
 Ideal Engine Co., gas & gasoline, Lansing, Mich.  
 Ideal Epworth Acet. Co., htg. contrs., Waterloo, Iowa.  
 Ideal Fishing Float Co., Richmond, Va.  
 Ideal Floor Sander Co., floor surfacing machines, 440 N. Peoria, Chicago, Ill.  
 Ideal Fdry. Co., Grand Rapids, Mich.  
 Ideal Furnace Co., 88 Jefferson av, Detroit, Mich.  
 Ideal Fuse Co., 149 2d, San Francisco, Cal.  
 Ideal Gas & Electric Fixture Co., electric & light fixture mfrs., 412 B'way, New York.  
 Ideal Gas Engine Co., Independence, Ia.  
 Ideal Gas Light Co., machsts. & fndrs., Kalamazoo, Mich.  
 Ideal Hanger Co., stone & wall anchors, etc., 1270 E. 53d, Cleveland, Ohio.  
 Ideal Heat & Draft Regulator Co., 419 E. 22d, New York.  
 Ideal Htg. Co., 16 E. First av, Columbus, Ohio.  
 Ideal Htg. Co., 915 Gates av, Brooklyn, N. Y.  
 Ideal Heating Co., 6312 Wentworth av, Chicago, Ill.  
 Ideal Hoop Co., Ashtabula, Ohio.  
 Ideal Knitting Mills, 587 Hendrix, Brooklyn, N. Y.  
 Ideal Leather Goods Co., 326 Dean, Providence, R. I.  
 Ideal Lbr. & Coal Co., masons' & bldrs.' matls., Appleton, Wis.  
 Ideal Machine & Tool Co., dies, etc., 128 Opera pl, Cincinnati, O.  
 Ideal Mfg. Co., bottle capping machs., Kewanee, Ill.  
 Ideal Mfg. Co., meat slicers, cheese cutters, Anderson, Ind.  
 Ideal Mfg. Co., plumbers' wood wk., closet pulls, Franklin & Dubois, Detroit, Mich.  
 Ideal Mfg. Corp., stationers' specialties, 552 Pearl, New York.  
 Ideal Mfg. & Supply Co., heaters, Oskaloosa, La.
- Ideal Metallic Furniture Co., racks (hat & clothes), 1259 Military, Detroit, Mich.  
 Ideal Metallic Packing Co., So. Stillwater, Minn.  
 Ideal Moistener Co., Findlay, Ohio.  
 Ideal Oil Co., 931 Clinton, Buffalo, N. Y.  
 Ideal-Peerless Mfg. Co., machsts., Cleveland, Ohio.  
 Ideal Power Lawn Mower Co., Lansing, Mich.  
 Ideal Pump & Mfg. Co., Green City, Me.  
 Ideal Riverside Hinge & Cabinet Co., 3666 Pk. av, St. Louis, Mo.  
 Ideal Sad Iron Mfg. Co., Cleveland, Ohio.  
 Ideal Spec. Co., post cards, Albums, 552 Adams, Chicago, Ill.  
 Ideal Stencil Machine Co., stencil cutting machy., Belleville, Ill.  
 Ideal Supply Co., plumbers' supplies—jobbers, Somerville, Mass.  
 Ideal Switch Co., spark plugs, Plainville, Conn.  
 Ideal Tire Setter Co., McGehee, Ark.  
 Ideal Tool & Mfg. Co., die mfrs., 7th av & 4th, Beaver Falls, Pa.  
 Ideal Tool & Spec. Co., 5211 Prospect av, Cleveland, Ohio.  
 Ideal Vacuum Cleaner Co., Newark, N. J.  
 Ideal Ventilator Co., window ventilators, 370 Waterman, Providence, R. I.  
 Ideal Water Cooler Co., Monadnock Bldg., Chicago, Ill.  
 Ideal Window Glass Co., West Union, W. Va.  
 Ideal Wrapping Mach. Co., Middletown, N. Y.  
 Idealite Co., fire proof floors, Cincinnati, Ohio.  
 Idealo Co., metal polish, Bourse Bldg., Philadelphia, Pa.  
 Idell, Geo. S., architect, 34 S. 16th, Philadelphia, Pa.  
 Iden, Hy., electric & light fixture mfrs., 46 University pl, New York.  
 Iglehart Bros., flour mills, Evansville, Ind.  
 Igo, Jno., & Co., granite, Quincy, Mass.  
 Igoe Bros., nails, tinning & japanning, etc., 69 Metropolitan av, Brooklyn, N. Y.  
 Igon Mfg. Co., machsts., Springfield, Ohio.  
 Ikeler, Roland R., flour mills, Bloomsburg, Pa.  
 Ikenberry Bros., canned goods, Daleville, Va.  
 Ikenbury, H. C., & Co., canned goods, Cloverdale, Va.  
 Iler Co., disc pulverizers, crucible furnaces, 694 E. 82d, Cleveland, Ohio.  
 Iles, Edw., machsts. & fndrs., Lincoln, Ill.  
 Ilg Elec. Ventg. Co., elec. disc. fans, blowers, etc., 154 Whiting, Chicago, Ill.  
 Ilgentritz, E. C., & Co., landscape architects, 30 Prentiss av, Detroit, Mich.  
 Iliff Bros., contractors, London, Ohio.  
 Iliff, John W., & Co., mop tacks, 352 N. Michigan av, Chicago, Ill.  
 Iliffe, Wm. H., contractor, Watertown, Mass.  
 Ilfelder, B., & Co., slate pencils, 29 Union sq, New York.  
 Ilig & Hartmann, burning brands, 211 Pine, St. Louis, Mo.  
 Illingsworth, Fred., contractor, Muncie, Ind.  
 Illingworth, John, Steel Co., high speed steel, Tacony & Lewis, Philadelphia, Pa.  
 Ill. Art Metal Co., tin plate, metals, etc., Springfield, Ill.  
 Ill. Boiler Cleaning Compound Co., 1338 N. La Salle, Chicago, Ill.  
 Ill. Brick Co., 111 W. Washington, Chicago, Ill.  
 Ill. Bridge Co., Monadnock Bldg., Chicago, Ill.  
 Ill. Bronze Powder Co., 162 W. Randolph, Chicago, Ill.  
 Ill. Canning Co., Hoopston, Ill.  
 Ill. Car Co., Urbana, Ohio.  
 Ill. Car & Mfg. Co., machsts., 20 W. Jackson blvd., Chicago, Ill.  
 Ill. Carriage Lamp Co., 224 W. Ill., Chicago, Ill.  
 Ill. Casket Co., 2330 W. Van Buren, Chicago, Ill.  
 Ill. Clay Products Co., fire clay, Oglesby, Ill.  
 Ill. Concrete Machine Co., steel centering, Buda, Ill.  
 Ill. Condensed Milk Co., canners, White Hall, Ill.  
 Ill. Corr. Metal Co., road cuiverts, Bloomington, Ill.  
 Ill. Die & Tool Wks., 162 N. Desplaines, Chicago, Ill.  
 Ill. Electric Porcelain Co., Macomb, Ill.  
 Ill. Elec'l Mfg. Co., Peoria, Ill.  
 Ill. Elevator Co., 224 N. Union av, Chicago, Ill.  
 Ill. Engng. Co., 5021 S. State, Chicago, Ill.  
 Ill. Fire Proof Covering Co., 154 W. Randolph, Chicago, Ill.  
 Ill. Flower Box Co., 180 N. Dearborn, Chicago, Ill.  
 Ill. Foundry & Machine Co., Belleville, Ill.  
 Ill. Glass Co., Alton, Ill.  
 Ill. Granite & Stone Wks., Springfield, Ill.  
 Ill. Hydraulic Stone & Construction Co., Elgin, Ill.  
 Ill. Improvement & Ballast Co., 208 S. La Salle, Chicago, Ill.  
 Ill. Iron & Bolt Co., Carpentersville, Chicago, Ill.  
 Ill. Kaolin Co., fire clay, Anna, Ill.  
 Ill. Knitting Mills, 640 B'way, New York.  
 Ill. Leather Co., 930 N. Halsted, Chicago, Ill.  
 Ill. Lumber, Grain & Coal Co., Hoopston, Ill.  
 Ill. Maintenance Co., machsts., 72 W. Adams, Chicago, Ill.  
 Ill. Malleable Iron Co., iron fndrs., pipe fittings & plumbers' gas & water work supplies; conduit hangers, etc., 1801 Diversey blvd, Chicago, Ill. *See adv index at end of book.*  
 Ill. Mfg. & Supply Co., dust arresters, feed & fireless cookers, sand blast machy., tumbling & water cinder mills, Quincy, Ill.  
 Ill.-Michigan Fibre Box Co., Battle Creek, Mich.  
 Ill. Mineral Milling Co., flint, color mfrs. & importers, East St. Louis, Ill.  
 Ill. Modern Button & Mach. Co., 2407 W. Ohio, Chicago, Ill.  
 Ill. Mosaic Tile Co., 3601 Ashland av, Chicago, Ill.  
 Ill. Moulding Co., 2411 W. 23d, Chicago, Ill.  
 Ill. Nail Co., 826 Dix, Chicago, Ill.  
 Ill. Nat. Supply Co., oil & gas well supls, machy. dlrs., Casey, Ill.



- Ill. Pacific Glass Co., 15th & Folsom, San Francisco, Cal.  
 Ill. Packing Box Co., 925 N. Halsted, Chicago, Ill.  
 Ill. Paper Co., Peoria, Ill.  
 Ill. Printing Co., pads & tablets, Danville, Ill.  
 Ill. Pump & Brass Co., machsts. & fndrs., Peoria, Ill.  
 Ill. Pure Aluminum Co., cooking apparatus mfrs., Lemont, Ill.  
 Ill. Razor Strop Co., 330 W. Kinzie, Chicago, Ill.  
 Ill. Refrigerator Co., Morrison, Ill.  
 Ill. School Furniture Co., Rockford, Ill.  
 Ill. Show Case Wks., 1735 N. Ashland av, Chicago, Ill.  
 Ill. Silo Co., Bloomington, Ill.  
 Ill. Smelting & Refining Co., 410 N. Peoria, Chicago, Ill.  
 Ill. Spring & Stamping Co., 2341 N. Keystone av, Chicago, Ill.  
 Ill. Steel Bridge Co., steel structural work, Jacksonville, Ill.  
 Ill. Steel Co., machsts. & fndrs., 208 S. La Salle, Chicago, Ill.  
 Ill. Stoker Co., Alton, Ill.  
 Ill. Stone Co., 1257 Elston av, Chicago, Ill.  
 Ill. Supply & Construction Co., masons' & bldrs.' matls., Wright Bldg., St. Louis, Mo.  
 Ill. Terra Cotta Lbr. Co., 119th & Calu. Lake, Chicago, Ill.  
 Ill. Thresher Co., Sycamore, Ill.  
 Ill. Tool Wks., die filing machines, 154 E. Erie, Chicago.  
 Ill. Valley Silica Co., silica sand, Ottawa, Ill.  
 Ill. Watch Case Co., Elgin, Ill.  
 Ill. Watch Co., machsts., Springfield, Ill.  
 Ill. Zinc Co., spelter & zinc mfrs., etc., Peru, Ill.  
 Illumination Development Co., 24 Wooster, New York.  
 Illuminator Engin'g Publishing Co. (technical), 15 W. 38th, New York.  
 Illustrated Postal Card & Novelty Co., 141 E. 25th, New York.  
 Ils, John G., & Co., cooking apparatus, 839 Mission, San Francisco, Cal.  
 Ilsley, Doubleday & Co., paint mfrs. & greases, 229 Front, New York.  
 Imbler Fence & Mfg. Co., Alexandria, Ind.  
 Imboden Harrow & Roller Co., Cleona, Pa.  
 Imboden, I. C., Co., bit brace chucks, Cleona, Pa.  
 Imbs, J. F., Milling, flour, Belleville, Ill.  
 Imbs, Thomas F., architect, 2442 N. Grand av, St. Louis, Mo.  
 Imhauser, E., Co., time recorders, 212 B'way, New York.  
 Imitation Typewriting & Addressing Co., 71 W. Randolph, Chicago, Ill.  
 Immaculate Kaolin Co., Langley, S. C.  
 Immel Constr. Co., Fond Du Lac, Wis.  
 Immel, Jno., & Sons Co., carriages, 16 E. Livingston, Columbus, Ohio.  
 Impellittere, Jos., architect, 185 Virginia, Buffalo, N. Y.  
 Imperato, F. P., architect, 237 Union, Brooklyn, N. Y.  
 Imperial Art Glass & Lamp Wks., glass shades, etc., 205 W. 19th, New York.  
 Imperial Bearing Co., 1217 Forest av, E., Detroit, Mich.  
 Imperial Belting Co., 400 N. Lincoln, Chicago, Ill.  
 Imperial Bit & Snap Co., saddlery hdwe. mfrs., N. W. cor 14th, Racine, Wis.  
 Imperial Brass Mfg. Co. 524 S. Racine av, Chicago, Ill.  
*See adv index at end of book.*  
 Imperial Broom Wks., 172 N. May, Chicago, Ill.  
 Imperial Button Co., 27 N. 7th, Philadelphia, Pa.  
 Imperial Canning Co., Parkersburg, W. Va.  
 Imperial Car Cleaner Co., 218 McWhorter, Newark, N. J.  
 Imperial Chemical Co., boiler compounds, 514 N. American, Philadelphia, Pa.  
 Imperial Co., fertilizer mfrs., Norfolk, Va.  
 Imperial Co., machsts. & brass fndrs., Grove City, Pa.  
 Imperial Construction & Real Estate Co., 42 Church, New Haven, Conn.  
 Imperial Cotton Mills., Eatonton, Ga.  
 Imperial Cotton Oil Co., Statesville, N. C.  
 Imperial Desk Co., Evansville, Ind.  
 Imperial Elec. Clock Co., St. Louis, Mo.  
 Imperial Electric Co., motors & generators, Akron, Ohio.  
 Imperial Elec. Co., rectifiers, Union City, Ind.  
 Imperial Elec. Mfg. Co., arc lamps, 4 Murray, New York.  
 Imperial Floor Co., Rochester, N. Y.  
 Imperial Furnace Co., hot air, Marshalltown, Ia.  
 Imperial Furn. Co., Grand Rapids, Mich.  
 Imperial Gas Engine Co., 60 Clementina, San Francisco, Cal.  
 Imperial Glass Co., Bellaire, Ohio, Charleroi, Pa., 29 E. Madison, Chicago, Ill.  
 Imperial Harness Co., Richmond, Va.  
 Imperial Glue Co., Koll Bldg., San Francisco, Cal.  
 Imperial Iron Wks., machsts. & fndrs., Duluth, Minn.  
 Imperial Knitting Co., sweaters, etc., 1075 3d, Milwaukee, Wis.  
 Imperial Leather Mfg. Co., 847 W. Harrison, Chicago, Ill.  
 Imperial Machine Co., fruits & vegetables, 108 W. 34th, New York.  
 Imperial Machy. Co., Grand Rapids, Mich., & 1611 Central av, Minneapolis, Minn.  
 Imperial Mfg. Co., aprons (canvas, duck, mechanics'; waterproof), 310 E. 5th, Dayton, Ohio.  
 Imperial Mfg. Co., carbon paper, typewriter ribbons, 297 Washington, Newark, N. J.  
 Imperial Mfg. Co., clothes washing machs., Sand Springs, Okla.  
 Imperial Mfg. Co., piano cases, Stamford, Conn.  
 Imperial Mfg. & Trading Co., corn brooms, 253 B'way, New York.  
 Imperial Methods Co., filing cabinets & devices, 312 W. Madison, Chicago, Ill.  
 Imperial Oil & Gas Products Co., carbon black, Harrisville, W. Va.  
 Imperial Pearl Button Co., 131 W. 23d, New York.  
 Imperial Paint Co., 80 10th, Long Island City, N. Y.  
 Imperial Polish Co., 54 N. 2d, Philadelphia, Pa.  
 Imperial Porcelain Wks., porcelain specialties, Trenton, N. J.  
 Imperial Steel Cabinet Co., 2144 Fulton, Chicago, Ill.  
 Imperial Steel Range Co., 2900 Detroit av, Cleveland, Ohio.  
 Imperial Stone Co., Bedford, Ind.  
 Imperial Sugar Co., Sugarland, Tex.  
 Imperial Tool Co., Bloomington, Ill.  
 Imperial Valley Hdwe. Co., Holtville, Cal.  
 Imperial Wall Paper Co., Glens Falls, N. Y.  
 Imperial Water Proof Co., 105 W. Monroe, Chicago, Ill.  
 Imperial Wheel Co., Flint, Mich.  
 Imperial Wire & Iron Wks., bank & office railings, Louisville, Ky.  
 Imperial Woolen Co., blankets, Main & Rector, Phila., Pa.  
**IMPERVIOUS METAL CORPORATION**, lacquering & japaning for the trade & manufacturers of varnishes, japans, lacquers & enamels, 421 Wood, Pittsburgh, Pa.  
 Impervious Packing Co., cans, kegs, Keene, N. H.  
 Import Sales Co., dec. elec. lighting, 318 E. 32d, New York.  
 Improved Appliance Co., furnaces, brazing tables, 455 Kent av, Brooklyn, N. Y.  
 Improved Brick Co., Salt Lake City, Utah.  
 Improved Equipment Co., gas wks. app., 60 Wall, New York.  
 Improved Gauge Mfg. Co., 320 W. Water, Syracuse, N. Y.  
 Improved Guano Co., Eastman, Ga.  
 Improved Mailing Case Co., 309 B'way, New York.  
 Improved Paper Machy. Co., Nashua, N. H.  
 Improvement Bulletin, trade publications, 610 Exchange Minneapolis, Minn.  
 Imse-Schilling Sash & Door Co., 21st & Papin, St. Louis, Mo.  
 Incandescent Burner Co., Arc, gas lamps, 395 Claremont av, Brooklyn, N. Y.  
 Incandescent Light Mfg. Co., Council Bluffs, Ia.  
 Incandescent Light & Stove Co., machsts. & fndrs., Marbury av & B. & O. R. R., Okly., Cincinnati, Ohio.  
 Indeliba Mfg. Co., carbon paper, etc., Rochester, N. Y.  
 Indelli & Conforti Co., contractors, 847 Bryant av, New York.  
 Independence Canning Corp., Independence, Ia.  
 Independence Corrugated Culv. Co., Independence, Ia.  
 Independence Electric & Milling Co., flour, Independence, Va.  
 Independence Elevator Co., 710 Cherry, Philadelphia, Pa.  
 Independence Iron Works, Independence, Kan.  
 Independence Shale Brick Plant, Independence, Mo.  
 Independence Stove & Fdry. Co., mfrs., Independence, Mo.  
 Independence Veneer & Box Mfg. Co., Ltd., Independence, La.  
 Independent Asphalt Paving Co., Seattle, Wash.  
 Independent Brick Co., Md. Trust Bldg., Baltimore, Md.  
 Independent Bridge Co., steel constn., 829 Beaver av, Pittsburgh, Pa.  
 Independent Chair Co., 32 Pitts, Boston, Mass.  
 Independent Construction Co., Davenport, Ia., & Terre Haute, Ind.  
 Independent Cork Co., 81-83 Sedwick, Brooklyn, N. Y.  
*See adv index at end of book.*  
 Independent Die Co., Brockton, Mass.  
 Independent Dist. Co., 30 Delaware, Kansas City, Mo.  
 Independent Elec. Machy. Co., stor. battery charging sets, 1917-21 Central, Kansas City, Mo.  
 Independent Fertilizer Co., Jacksonville, Fla.  
 Independent Fdry. Co., Portland, Ore.  
 Independent Glass Co., window, Sistersville, W. Va.  
 Independent Gravel Co., Webb City, Mo.  
 Independent Guano Co., fertz. mfrs., Greenville, S. C.  
 Independent Harvester Co., Plano, Ill.  
 Independent Lamp & Wire Co., 1733 B'way, New York.  
 Independent Lime & Stone Co., Druecker, Wis.  
 Independent Lumber & Coal Co., Sauk Center, Minn.  
 Independent Motors Corp., Port Huron, Mich.  
 Independent Oil Co., Mansfield, Ohio.  
 Independent Oil & Fertz. Wks., Columbus, Miss.  
 Independent Oil & Grease Co., 291 S. Water, Milwaukee, Wis.  
 Independent Packers Fertilizing Co., Columbus, Ohio.  
 Independent Packing Co., meat, 41st & Halsted, Chicago, Ill., & Tulsa, Okla.  
 Independent Pneumatic Tool Co., pneumatic & electric tools, 1307 Michigan av, Chicago, Ill.  
 Independent Refining Co., Rouseville, Pa., Oil City, Pa.  
 Independent Register & Mfg. Co., machsts. & fndrs., 715 Frankfort, Cleveland, Ohio.  
 Independent Roller Milling Co., flour, North Mountain, W. Va.  
 Independent Sheet Metal Co., corn. & skylights, Seattle, Wash.  
 Independent Stove Co., Owosso, Mich.  
 Independent Whip Co., Westfield, Mass.  
 Inderriden Canning Co., 332 River, Chicago, Ill.  
 Indestructible Ash Can Co., 495 Broome, New York.  
 Indestructible Phonograph Record Co., Albany, N. Y.  
 Indestructible Sign Co., 62 Prescott, Columbus, Ohio.  
 Indestructible Wheel Co., Lebanon, Ind.  
 Index Co., tooth brushes, 33 W. 42d, New York.  
 Index-Galena Co., lumber, Index, Wash.  
 India Alkali Wks., soap powders & cleaning compds., 28 India Wharf, Boston, Mass.



- India Cocoa Matting Mfg. Co., 393 Flushing av, Brooklyn, N. Y.  
 India Palmetto Brush Co., 720 Grand River av, Detroit, Mich.  
 India Rubber Co., hard rubber, New Brunswick, N. J.  
 India Rubber Tire Co., 1512 S. Mich. av, Chicago, Ill.  
 India Rubber World, trade publication, 25 W. 45th, New York.  
 Indianahoma Refining Co., petroleum & its prod., New Bank of Commerce, St. Louis, Mo.  
 Indian Head Mills of Ala., Cordova, Ala.  
 Indian Orchard Co., cable cords, tex. machy., warps, Indian Orchard, Mass.  
 Indian Refining Co., asphalt miners, oils, wax, etc., 44 Whitehall, New York.  
 Indian Territory Illuminating Oil Co., Bartlesville, Okla.  
 Ind. Air Pump Co., Indianapolis, Ind.  
 Ind. & Ark. Lumber & Mfg. Co., Marianna, Ark.  
 Ind. Bedford Stone Co., Bedford, Ind.  
 Ind. Bent Rung Ladder & Mfg. Co., Indiana, Pa.  
 Ind. Board & Filler Co., Vincennes, Ind.  
 Ind. Box Co., Elwood, Ind.  
 Ind. Brick Co., Anderson, Ind.  
 Ind. Bridge Co., steel struct. wk., Muncie, Ind.  
 Ind. Brass Co., machsts. & fndrs., Frankfort, Ind.  
 Ind. Brass & Iron Bed Co., Mooresville, Ind.  
 Ind. Canning Co., Evansville, Ind.  
 Ind. Car & Equipment Co., 20 W. Jackson blvd., Chicago, Ill.  
 Ind. Chemical Co., printing inks, 608 S. Dearborn, Chicago, Ill.  
 Ind. Collar Co., Evansville, Ind.  
 Ind. Concrete Mold Co., curb forms, Peru, Ind.  
 Ind. Condensed Milk Co., canned, Sheridan, Ind.  
 Ind. Creosoting Co., Louisville, Ky.  
 Ind. Die Casting Development Co., machy., Indianapolis, Ind.  
 Ind. Drain Tile Co., Brooklyn, Ind.  
 Ind. Dredging Co., Royal Center, Ind.  
 Ind. Fan Co., 40 E. South, Indianapolis, Ind.  
 Ind. Flooring Co., 232 Rider av, New York.  
 Ind. Foundry Co., Indiana, Pa.  
 Ind. Glass Co., Dunkirk, Ind.  
 Ind. Handle Co., Vincennes, Ind.  
 Ind. Hollow Ware Co., machsts. & fndrs., Jeffersonville, Ind.  
 Ind. Indestructible Paint Co., 870 W. North av, Chicago, Ill.  
 Ind. Lamp Co., Connersville, Ind.  
 Ind. Limestone Co., Bedford, Ind.  
 Ind. Lumber Co., Kokomo, Ind. & Nashville, Tenn.  
 Ind. Lumber & Mfg. Co., interior Woodwork mfrs., 742 So. Michigan, South Bend, Ind.  
 Ind. Mfg. Co., agricultural implements, Telephone Bldg., Indianapolis, Ind.  
 Ind. Match Corp., Crawfordsville, Ind.  
 Ind. Molding & Frame Co., La Porte, Ind.  
 Ind. Motor Truck Co., auto. bldrs., Marion, Ind.  
 Ind. Mould & Mach. Wks., Muncie, Ind.  
 Ind. Moulding & Frame Co., La Porte, Ind.  
 Ind. Paper Co., pads & tablets, Indianapolis, Ind.  
 Ind. Paving Brick & Block Co., Brazil, Ind.  
 Ind. Quarries Co., stone prod., 280 Madison av, New York, & 112 W. Adams, Chicago, Ill.  
 Ind. Rolling Mill Co., New Castle, Ind.  
 Ind. Rubber & Insulated Wire Co., Jonesboro, Ind.  
 Ind. Sewer Pipe Co., Mecca, Ind.  
 Ind. Shovel Co., New Castle, Ind.  
 Ind. Silo Co., Anderson, Ind.  
 Ind. Steel Co., 208 S. La Salle, Chicago, Ill.  
 Ind. Steel Co., rolling mills, Gary, Ind.  
 Ind. Steel Products Co., 127 N. Peoria, Chicago, Ill.  
 Ind. Steel & Wire Co., Muncie, Ind.  
 Ind. Stove Wks., Evansville, Ind.  
 Ind. Tank Heater Co., Argos, Ind.  
 Ind. Tie Co., Evansville, Ind.  
 Ind. Truck Co., Marion, Ind.  
 Ind. Veneer & Lbr. Co., Indianapolis, Ind.  
 Ind. Veneer & Panel Co., New Albany, Ind.  
 Ind. Wagon Co., Lafayette, Ind.  
 Ind. Wood Products Co., broom handles, Spencer, Ind.  
 Ind. Zinc Creosoting Co., Terre Haute, Ind.  
 Indianapolis Abattoir Co., meat packers, W. Morris & Drover, Indianapolis, Ind.  
 Indianapolis Alumn. Casting Co., fndrs., Indianapolis, Ind.  
 Indianapolis Belting & Supply Co., 32 S. Capitol av, Indianapolis, Ind.  
 Indianapolis Bleaching Co., cotton sheetings, Indianapolis, Ind.  
 Indianapolis Blue Print & Supply Co., Indianapolis, Ind.  
 Indianapolis Bolster Spring Co., 326 W. Georgia, Indianapolis, Ind.  
 Indianapolis Brass Co., mchsts. & fndrs., Indianapolis, Ind.  
 Indianapolis Brush & Broom Mfg. Co., 26 Brush, Indianapolis, Ind.  
 Indianapolis Cable Excavator Co., Indianapolis, Ind.  
 Indianapolis Casket Co., 521 W. North, Indianapolis, Ind.  
 Indianapolis Chemical Co., boiler compounds, 1444 Madison av, Indianapolis, Ind.  
 Indianapolis Coal Co., masons' & bldrs.' matls., 234 Newton, Indianapolis, Ind.  
 Indianapolis Cordage Co., 1959 S. Meridian, Indianapolis, Ind.  
 Indianapolis Cordage & Implt. Co., Indianapolis, Ind.  
 Indianapolis Corrugating Co., sheet steel ceilings, incubators & brooders, etc., Indianapolis, Ind.  
 Indianapolis Dash Co., auto. tops, 2116 S. Meridian, Indianapolis, Ind.  
 Indianapolis Drop Forging Co., Indianapolis, Ind.  
 Indianapolis Drug Cabinet Co., Indianapolis, Ind.  
 Indianapolis Excelsior Machy. Co., Indianapolis, Ind.  
 Indianapolis Fdry. Co., Indianapolis, Ind.  
 Indianapolis Glove Co., Indianapolis, Ind.  
 Indianapolis Mfrs. & Carpenters' Union, lbr. mfrs., Indianapolis, Ind.  
 Indianapolis Mortar & Fuel Co., 407 Odd-Fellow, Indianapolis, Ind.  
 Indianapolis Paint & Color Co., Indianapolis, Ind.  
 Indianapolis Paste Co., Indianapolis, Ind.  
 Indianapolis Roofing Co., cornices, 155 Kentucky av, Indianapolis, Ind.  
 Indianapolis Saddlery Co., horse collars, 237 S. Meridian, Indianapolis, Ind.  
 Indianapolis Sawed Veneer Co., Indianapolis, Ind.  
 Indianapolis Stove Co., Indianapolis, Ind.  
 Indianapolis Switch & Frog Co., Springfield, Ohio.  
 Indianapolis Tent & Awning Co., Indianapolis, Ind.  
 Indianapolis Terra Cotta Co., Indianapolis, Ind.  
 Indianapolis Tool & Mfg. Co., machsts., Indianapolis, Ind.  
 Indianapolis Varnish Co., Indianapolis, Ind.  
 Indianapolis Wire Bound Box Co., 10th. & Canal, Indianapolis, Ind.  
 Indianola Cotton Oil Co., Indianola, Miss.  
 Indicator Instruction Co., engng. school & coll., Newark, N. J.  
 Indispensable Mfg. Co., lump cord adjusters, San Francisco, Cal.  
 Individual Drinking Cup Co., paper cups, 220 W. 19th, New York.  
 Individual Key Ring Co., Hartford, Conn.  
 Industrial Brick Co., Mount Vernon, Ind.  
 Industrial Brick Wks., Boonville, Ind.  
 Industrial Chemical Co., 200 5th av, New York.  
 Industrial Controller Co., electric controllers & specialties, 890 Greenbush, Milwaukee, Wis.  
 Industrial Cotton Oil Properties, Houston, Tex.  
 Industrial Distilling Co., Waterloo, N. Y.  
 Industrial Elec. Mfg. Co., cooking app., Boydell Bldg., Detroit, Mich.  
 Industrial Engin'g, trade publication, 118 E. 28th, New York.  
 Industrial Engin'g Co., reinforced concrete steel const., 30 Church, New York.  
 Industrial Foundry Co., cow watering bowls, St. Johns, Mich.  
 Industrial Fdry. & Mach. Co., Pottstown, Pa.  
 Industrial Glass Co., glass bottles, Lancaster, N. Y.  
 Industrial Iron Co., iron & steel wks., 1 Madison av, New York.  
 Industrial Iron Wks., Clinton, Mo.  
 Industrial Iron Works, machsts. & fdrs., Ludington, Mich., & Union City, Pa.  
 Industrial Lbr. Co., Beaumont, Texas, Elizabeth & Oakdale, La.  
 Industrial Management, The Engineering Magazine, trade publication, 6 E. 39th, New York.  
 Industrial Mfg. Co., machsts.—sewing machines, Camden, N. J.  
 Industrial Oxygen Co., 11 Pine, New York.  
 Industrial Requirements Co., Mill & Fcty. supplies, 136 Chestnut, Philadelphia, Pa.  
 Industrial Rice Mill, Houston, Tex.  
 Industrial Starch Co., 185 Devonshire, Boston, Mass.  
 Industrial Supply Co., mill & fcty. supplies, Jenkins Arcade, Pittsburgh, Pa., Brazil, Ind., & Keokuk, Iowa.  
 Industrial Supply & Equipment Co., rail benders, braces, joints, etc., 407 Sansom, Phila., Pa.  
 Industrial Tape Mills Co., tex. machy., supplies, etc., Jasper & Huntington, Phila., Pa.  
 Industrial Welding Co., welded products mfrs., Balto., Md.  
 Industrial Wire & Metal Wks., 95 High, Newark, N. J.  
 Industrial Works, wrecking cranes, 11th & Wash., Bay City, Mich.  
 Industry File Works, Cleveland, Ohio.  
 Infanger, Chas., architect, 2634 Atlantic av, Brooklyn, N. Y.  
 Ingalls, Arthur R., architect, 7207 Yale av, Chicago, Ill.  
 Ingalls & Co., binders' board, Castleton, N. Y.  
 Ingalls, Harry C., architect, 17 E. 40th, New York.  
 Ingalls Iron Wks., machsts. & fdrs., Birmingham, Ala.  
 Ingalls & Kendrick, htg. contrs., 47 Bowker, Boston, Mass.  
 Ingalls-Shepard Forging Co., 322 S. Mich. av, Chicago, Ill.  
 Ingalls Stone Co., Bedford, Ind., & Binghamton, N. Y.  
 Ingemann Co., contractors, 1930 St. Anthony av, St. Paul, Minn.  
 Ingersoll Constr. Co., 324 Fourth av, Pittsburgh, Pa.  
 Ingersoll, J. H., & Co., canned goods, Exeter, N. H.  
 Ingersoll, John W., contractor, Atlantic City, N. J.  
 Ingersoll Milling Machine Co., Rockford, Ill.  
 Ingersoll, O. W., paint mfrs., 243 Plymouth, Bklyn, N. Y.  
 Ingersoll Paper Co., Troy, N. Y.  
 Ingersoll, R. H., & Bro., watches, toys, tire pumps, etc., 315 4th av, New York.  
 Ingersoll-Rand Co., fndrs. & pneumatic machy. mfrs., 11 B'way, New York. *See adv. index at end of book.*  
 Ingersoll-Rand Drill Co., 300 N. B'way, St. Louis, Mo.  
 Ingersoll-Sergeant Drill Co., air compressors, 32 Oliver, Boston, Mass.  
 Ingerson & Glaser Co., stained glass, 1739 Sacramento, San Francisco, Cal.  
 Ingham & Boyd, architects, Vandergrift Bldg., Pittsburgh, Pa.  
 Ingham Lumber Co., Long Bldg., Kansas City, Mo.



- Ingham-Veazie, architects, 114 Baldwin, Elmira, N. Y.  
 Ingle, John W., architect, 527 5th av, New York.  
 Ingle Machine Co., chamfering, crozing & gear tooth rounding machy., 371 St. Paul, Rochester, New York.  
 Ingle Mfg. Co., stove mfrs. & mchsts., San Diego, Cal.  
 Inglee, Lewis, architect, Amityville, New York.  
 Inglenook Construction Co., 2008½ 2d av, Birmingham, Ala.  
 Inglis, Wm., Wire & Iron Wks., 61 Woodbridge av, Detroit, Mich.  
 Ingold, F. B., masons & bldrs.' matls., Hickory, New York.  
 Ingold Unit System Co., architects, 600 S. 1st, W. Cedar Rapids, Ia.  
 Ingraham, A. S. Co., plating works, Attleboro, Mass.  
 Ingraham, George Hunt, architect, 2 A Park, Boston, Mass.  
 Ingraham, John, granite prod., South Thomaston, Me.  
 Ingraham, T. & Co., mill & fcty. supplies, 1539 Columbus rd, Cleveland, O.  
 Ingraham, Wm. B., contractor, Uniontown, Pa.  
 Ingram, A. P., lbr., Lewes, Del.  
 Ingram & Co., brick, New Brighton, Pa.  
 Ingram-Day Lbr. Co., Lyman, Miss.  
 Ingram, J. D., lbr., McBee, S. C.  
 Ingram Lbr. Co., Wausau, Wis.  
 Ingram-Richardson Mfg. Co., Enameled Iron Signs, Beaver Falls, Pa.  
 Ingram, W. H., cooking apparatus, coppersmiths, 106 N 3d, Philadelphia, Pa.  
 Ingram, W. T., sand & gravel, Jeffersonville, Ind.  
 Inlaid Floor Co., 600 Alabama, San Francisco, Cal.  
 Inlaid Slate Co., roofing, Pen Argyl, Pa.  
 Inlaid Slate Co., Wickliffe, Newark, N. J.  
 Inland Casket Co., Spokane, Wash.  
 Inland Construction Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Inland Crystal Salt Co., Salt Lake City, Utah.  
 Inland-Delray Salt Co., Telegraph Bldg., Detroit, Mich.  
 Inland Elec. Co., 211 Chestnut, St. Louis, Mo.  
 Inland Knitting Works, Knitted Gloves, Green Bay, Wis.  
 Inland Machine Works, 808 Mound, St. Louis, Mo.  
 Inland Portland Cement Co., Spokane, Wash.  
 Inland Printer, trade publication, 632 Sherman, Chicago, Ill.  
 Inland Steel Casting Co., Terre Haute, Ind.  
 Inland Steel Co., rolling mills, mchsts. & fndrs., 38 S. Dearborn, Chicago, Ill.  
 Inland Storekeeper, trade publication, 122 S. Michigan av, Chicago, Ill.  
 Inland Supply Co., mill & fcty. & plbrs.' supplies, Danville, Ill.  
 Inland White Lead Co., paint mfrs., 741 Boston av, Chicago, Ill.  
 Inman Box Co., pkgg. box mfrs., 2d & Delaware, Kansas City, Mo.  
 Inman Mfg. Co., mchsts. & fndrs., Amsterdam, N. Y.  
 Inman Mills, cotton sheetings, Inman, S. C.  
 Inman Poulsen Lbr. Co., ft. of E. Caruthers, Portland, Ore.  
 Inman Tile Co., common brick, Millgrove, Ind.  
 Inner Braced Furniture Co., desks, Ellhart, Ind.  
 Innis, Speiden & Co., Inc., chemicals, 46 Cliff, New York  
*See adv. index at end of book.*  
 Innovation Electric Co., hand & power vacuum cleaners, 585 Hudson, New York.  
 Innovation Trunk Co., trunk mfrs., 3 Canal pl, New York.  
 Inscho, C. L., architect, Brunsen Bldg., Columbus, Ohio.  
 Insecticide Co., Phalen Bldg., San Francisco, Cal.  
 Insinger Co., machsts., Stenton av, Phila., Pa.  
 Inskeep Mfg. Co., gloves, Washington, Ohio.  
 Insley, G. C., canned goods, Lakesville, Md.  
 Insley Mfg. Co., derricks, hoists, etc., bldrs., 3500 E. St. Clair, Indianapolis, Ind.  
 Insley & Mitchell, canned goods, Salisbury, Md.  
 Instantaneous Water Htg. Co., Kalamazoo, Mich.  
 Institute of Applied Arts, engng. schools & coll., Cincinnati, O.  
 Insulative Co., wax, insulating compounds, 1 B'way, New York.  
 Insulating Materials Co., commutator compounds, 805 Wesson av, Detroit, Mich.  
 Insulator Arrester Co., Duluth, Minn.  
 Insulite Chemical Co., waterproof mtls., Aurora, Ill.  
 Insull, Thos., coil, spiral & elliptic springs, 1439 Hutchinson, Philadelphia, Pa.  
 Insurance Fdry. Co., Covington, Ky.  
 Insurance Packing Mills, case linings, Brockton, Mass.  
 Integrity Const. Co., Lincoln Bldg., Philadelphia, Pa.  
 Interborough Plumbing Supply Co., 3923 3d av, New York.  
 Interborough Sash & Door Co., 340 Junius, Brooklyn, N. Y.  
 Interior Hardwood Co., oak flooring, 1334 Beecher, Indianapolis, Ind.  
 Interior Lumber Co., Keenan Bldg., Pittsburgh, Pa.  
 Interior Metal Mfg. Co., hollow steel doors, etc., Jamestown, N. Y. *See adv index at end of book.*  
 Interior Woodwork Co., 523 Park, Milwaukee, Wis.  
 Interlaced Parquetry Co., parquet floors, 13 Lawrence, New York.  
 Interlake Pulp & Paper Co., Appleton, Wis.  
 Interlaken Mills, book cloth, shade cloth mfrs., Turks Head Bldg., Providence, R. I.  
 Interlocking Fence Co., Morton, Ill.  
 Intermountain Bridge & Constr. Co., Tecumseh, Neb.  
 Intermountain Concrete Co., contractors, Ogden, Utah.  
 International Aerial Navigation Co., aeroplane mfrs., 1270 Broadway, New York.  
 International Agricultural Corp., gimp. & fertilizer mfrs., 61 Broadway, New York.  
 International Arms & Fuse Co., annunciators, Bloomfield, N. J.  
 International Asphalt Co., 133 W. Washington, Chicago, Ill.  
 International Ball & Roller Bearing Co., machsts., 1283 Niagara, Buffalo, N. Y.  
 International Battery Co., 453 Broome, New York.  
 International Bedding Co., mattresses, Chase & Guilford, Baltimore, Md.  
 International Boiler Cleaning Co., 343 N. Calvert, Balto., Md.  
 International Boiler Compound Co., 144 W. Austin av, Chicago, Ill.  
 International Braid Co., 47 Charles, Providence, R. I.  
 International Brass & Elec. Co., 76 Beckman, New York.  
 International Brick Mach. Co., Binghamton, N. Y.  
 International Button Co., Rochester, N. Y.  
 International Carbon Paper Co., typewriter ribbons, 206 Broadway, New York.  
 International Casement Co., window frame & sash, Jamestown, N. Y.  
 International Cigar Machy. Co., 5520 2d av, Brooklyn, N. Y.  
 International Clay Machinery Co., Dayton, Ohio.  
 International Concentration Co., ore, 149 B'way, New York.  
 International Confectioner, trade publication, 109 Lafayette, N. Y.  
 International Cork Co., 99 Sutton, Brooklyn, N. Y.  
 International Cotton Mfg. Co., East Killingly, Conn.  
 International Cotton Mills, tire fabrics, 60 Federal, Boston, Mass.  
 International Correspondence Schools, engng. school & coll., Scranton, Pa.  
 International Creosoting & Canstr. Co., Galveston, Tex.  
 International Diamond Drill Contracting Co., Spokane, Wash.  
 International Distilling Co., Ltd., Pine & Ferdinand, New Orleans, La.  
 International Distributing Co., rubber goods, 34 Tudor, Cambridge, Mass.  
 International Ditching & Road Machy. Co., Owensboro, Ky.  
 International Engineer Supply Co., 123 Prince, New York.  
 International Engineering Co., Society for Savings Bldg., Cleveland, Ohio.  
 International Engng. Wks., machy. dlrs., 15 Park Row, New York.  
 International Engineering Wks., machsts., grate bars, steel tanks, etc., Framingham, Mass.  
 International Extract & Color Co., Utica, N. Y.  
 International Filter Co., 30 So. Dearborn, Chicago, Ill.  
 International Floor Mach. Co., 149 W. 36th, New York.  
 International Glass Co., Millville, N. J.  
 International Glue Co., 24 T Wharf, Boston, Mass.  
 International Golf Shaft Co., Dayton, Ohio.  
 International Guarantee Roofing Co., cornices & skylights, 165 Lexington av.  
 International Gymnasium Supply Co., Springfield, Mass.  
 International Harness Machy. Co., 708 B'way, Cincinnati, Ohio.  
 International Harrow Cultivator Co., Birmingham, Ala.  
 International Harvester Co. of America, Harvester Bldg., Chicago, Ill. *See adv index at end of book.*  
 International Heater Co., Utica, N. Y.  
 International High Speed Steel Co., 99 Nassau, N. Y.  
 International Instrument Co., Cambridge, Mass.  
 International Lime Co., Sumas, Wash.  
 International Lumber Co., 11 So. La Salle, Chicago, Ill. & 600 Andrews Bldg., Minneapolis, Minn.  
 International Mach. & Screw Co., Springfield, Mass.  
 International Machine Tool Co., Indianapolis, Ind.  
 International Mailing Tube & Wrapper Co., Concord & Prince, Brooklyn, N. Y.  
 International Mfg. Co., machsts., seed cleaners, Crestline, Ohio.  
 International Marine Engin'g, trade publication, Whitehall Bldg., New York.  
 International Metal Polish Co., Quill & Belt Ry., Indianapolis, Ind.  
 International Mill & Timber Co., house manufactures, Salzburg & M. C. R. R., Bay City, Mich.  
 International Molding Mach. Co., 2614 W. 16th, Chicago, Ill.  
 International Money Machine Co., adding, Terre Haute, Ind.  
 International Motor Co., machsts., 252 W. 64th, New York.  
 International Nickel Co., 43 Exch. pl, New York.  
 International Oil Refining Co., 1001 S. Wabash av, Chicago, Ill.  
 International Oxygen Co., gas mfrs., 115 Broadway, New York.  
 International Packing Mach. Co., 66 Leonard, New York.  
 International Paper Box Mach. Co., Nashua, N. H.  
 International Paper Co., 30 Broad, New York.  
 International Phosphate Co., 27 State, Boston, Mass.  
 International Portland Cement Co., Spokane, Wash.  
 International Postal Supply Co., machsts., 634 Prospect pl, Brooklyn, N. Y.  
 International Pottery Co., Trenton, N. J.  
 International Process Co., digesters, paper & pulp mill machy., 5 Beckman, New York.  
 International Products Co., paint, White Bldg., Buffalo, N. Y.  
 International Provision Co., 33 Degraw, Brooklyn, N. Y.  
 International Pulp Co., clays, minerals, etc., 41 Park Row, New York.  
 International Refining Co., naphtha, Tulsa, Okla.  
 International Register Co., trolley arc lamp cords, cane fans, registers, badges, emblems, etc., 15 Throop, Chicago, Ill.  
 International Roll Paper Co., North Manchester, Ind.



- International Roofing Mfg. Co., 5301 S. Western av, Chicago, Ill.  
 International Rubber Co., 120 B'way, New York.  
 International Salt Co., Scranton, Pa.  
 International Seal & Lock Co., Hastings, Mich.  
 International Seed Co., Rochester, N. Y.  
 International Silo Co., Linesville, Pa.  
 International Silver Co., sterling silver ware, Meriden, Conn.  
 International Slate Co., Slatington, Pa.  
 International Smokeless Powder & Chemical Co., 120 B'way, New York.  
 International Sprinkler Co., automatic fire sprinklers, 123 William, New York.  
 International Steam Engng. Co., water cooling towels, Atlanta, Ga.  
 International Steam Pump Wks., 115 B'way, New York & Harrison, N. J.  
 International Steel & Iron Co., Edgar & Cleveland av, Evansville, Ind.  
 International Steel Tie Co., 16702 Waterloo av, Cleveland, Ohio.  
 International Stereograph Co., lantern slides, Decatur, Ill.  
 International Sugar Feed Co., 15 Av, S. E. & Rollins, Minneapolis, Minn.  
 International Supply Co., soap makers, Kendall sq., Cambridge, Mass.  
 International Tag Co., 652 W. Lake, Chicago, Ill.  
 International Time Recording Co., self-winding clocks, Endicott, N. Y.  
 International Trade Developer, publications, 220 S. State, Chicago, Ill.  
 International Typesetting Mach. Co., ft. Montague, Brooklyn, N. Y.  
 International Ultramarine Wks., ultramarine blues, 115 Leonard, New York.  
 International Window Mfg. Co., 2007 W. Allegheny av, Philadelphia, Pa.  
 Inter-State Auto. & Supply Co., metal polish, Sioux City, Ia.  
 Interstate Bottle Stopper Co., 39th & 2d, Brooklyn, N. Y.  
 Interstate Building Material Co., Union City, Ind.  
 Inter-State Car Co., Indianapolis, Ind.  
 Interstate Chem. Co., soap, compounds, 12 Bayview av, Jersey City, N. J.  
 Interstate Chemical Corp., fertilizer mfrs., Charlotte, N. C.  
 Interstate Contract Co., Bates Bldg., Portland, Ore.  
 Interstate Contrg. & Supply Co., stone prod., East St. Louis, Ill.  
 Interstate Drainage & Trust Co., Britt, Ia.  
 Interstate Elec. Nov. Co., elec. lamp flashlights, 104 S. 4th, Brooklyn, N. Y.  
 Inter-State Engine & Tractor Co., farm implements, Waterloo, Ia.  
 Interstate Fire Clay Co., Citizens Bldg., Cleveland, Ohio.  
 Interstate Foundry Co., E. 61st, Cleveland, Ohio.  
 Interstate Hardware & Supply Co., Bristol, Tenn.  
 Interstate Heater Co., hot air furnaces, 403 Lang av, Cleveland, Ohio.  
 Interstate Iron & Steel Co., 1st Natl. Bank Bldg., Chicago, Ill.  
*See adv index at end of book.*  
 Interstate Limestone Co., Youngstown, Ohio.  
 Interstate Lumber Co., Quitman, Ga., Stillwater, Minn., & The Arcade, Cleveland, Ohio.  
 Interstate Machine Co., force feed lubricators, Rochester, N. Y.  
 Interstate Machinery Co., Troy, N. Y.  
 Interstate Mfg. Co., furnaces, Oskaloosa, Ia.  
 Interstate Material Co., masons' & bldrs.' matls., Davenport, Ia.  
 Interstate Motor Co., Muncie, Ind.  
 Interstate Oil & Fertilizer Co., Birmingham, Ala.  
 Interstate Packing Co., meat, Winona, Minn.  
 Interstate Roofing & Foundry Co., Anniston, Ala.  
 Interstate Rubber Co., Spokane, Wash.  
 Interstate Stone Co., Lima, Ohio.  
 Introstile Mfg. Co., nail boxes, twine holders, Marietta, Ohio.  
 Invader Oil Co., graphite lubricants & greases, 80 Broad, New York.  
 Inverness Mills Co., cotton sheetings, Winston-Salem, N. C.  
 Invincible Blow Pipe Co., 2527 Homer, Chicago, Ill.  
 Invincible Grain Cleaner Co., machsts. & fndrs., Silver Creek, N. Y.  
 Invincible Mfg. Co., vacuum clnrs., Point Power Bldg., Pittsburgh, Pa.  
 Invincible Metal Furn. Co., filing cabinets & devices, Manitowoc, Wis.  
 Invisible Roll Screen Co., East av, Long Island City, N. Y.  
 In Vu Mfg. Co., Rochester, N. Y.  
 Iola Brick Co., Iola, Kan.  
 Iola Portland Cement Co., Iola, Kan.  
 Iona Ventilator Co., 2319 N. Laura, Philadelphia, Pa.  
 Ione Firebrick Co., Monadnock Bldg., San Francisco, Cal.  
 Ionia Fine Art Pottery, domestic china, Trenton, N. J.  
 Ionia Pottery Co., Ionia, Mich.  
 Iowa Boiler Works, Des Moines, Ia.  
 Iowa Brass Fdry., Waterloo, Ia.  
 Iowa Bridge Co., Des Moines, Ia.  
 Iowa Canning Co., Vinton, Ia.  
 Iowa City Canning Co., Iowa City, Ia.  
 Iowa Coffin Co., Dubuque, Ia.  
 Iowa Ditching Mach. Co., Mt. Pleasant, Ia.  
 Iowa Fdry. Co., Sioux City, Ia.  
 Iowa Fdry. & Mfg. Co., Fort Dodge, Ia.  
 Iowa Gasoline Engine Co., Waterloo, Ia.  
 Iowa Gate Co., Cedar Falls, Ia.  
 Iowa Lumber Co., Waterloo, Ia.  
 Iowa Mach. Works, Works, Clinton, Ia.  
 Iowa Machy. & Supply Co., Des Moines, Ia.  
 Iowa Malleable Iron Co., Fairfield, Ia.  
 Iowa Motor Truck Co., Ottumwa, Ia.  
 Iowa Paint Mfg. Co., Fort Dodge, Ia.  
 Iowa Pipe & Tile Co., flue linings, Des Moines, Iowa.  
 Iowa Portland Cement Co., Des Moines, Ia.  
 Iowa Pure Iron Culvert Co., Des Moines, Ia.  
 Iowa Radiator Co., Cedar Rapids, Ia.  
 Iowa Soap Co., Burlington, Ia.  
 Iowa Soda Products Co., Council Bluffs, Ia.  
 Iowa Spreader & Engine Co., Waterloo, Ia.  
 Iowa State College Div., engng. school & coll., Ames, Ia.  
 Iowa Steel & Iron Works, Cedar Rapids, Ia.  
 Iowa Stone Co., Cedar Rapids, Ia.  
 Iowa Sugar Co., Waverly, Ia.  
 Iowa Valley Canning Co., Marengo, Ia.  
 Iowa Valve Co., Oskaloosa, Ia.  
 Iowa Wind Mill & Pump Co., Cedar Rapids, Ia.  
 Iredell, F. W., machy. dealers, 11 B'way, New York.  
 Iredell, Leslie N., architect, Littlefield Bldg., Austin, Tex.  
 Ireland, Bertram, architect, Atlantic City, N. J.  
 Ireland, C. L., contractor, Van Wert, Ohio.  
 Ireland & Helfrich, agricultural implements, Spencerport, N. Y.  
 Ireland Machine & Foundry Co., Norwich, N. Y.  
 Ireland Mfg. Co., machinery, Washington, C. H., Ohio.  
 Ireland & Matthews Mfg. Co., machsts. & sheet metal goods mfrs., 51 Iron, Detroit, Mich.  
 Ireland, Robt. D., & Co., elec. fix., 278 Boylston, Boston, Mass.  
 Ireland & Rollings, sashes, doors & blinds contr., Fort Scott, Kans.  
 Ireland, W. H., stone producers, 1220 Filbert, Philadelphia, Pa.  
 Irene Mills, towels, damasks, cotton, Gaffney, S. C.  
 Ireson, Chas. L., mill & facty. supplies, 221 High, Boston, Mass.  
 Irish, Geo., Paper Co., Buffalo, N. Y.  
 Irish, Hiram E., architect, 402 S. Tremont av, Los Angeles, Cal.  
 Irish, W. F., Elec. Supplies, conduit pipe hanging clamps, road oilers, tank switches, etc., 19 W. 36th, New York.  
 Iron Age, trade publications, 239 W. 39th, New York.  
 Iron City Brick & Stone Co., common, Stanton & McCandless av, Pittsburgh, Pa.  
 Iron City Electric Co., mine supplies, Pittsburgh, Pa.  
 Iron City Foundry Co., Lebanon, Pa.  
 Iron City Grate Bar Co., Warren, Ohio.  
 Iron City Heating Co., contrs., 843 Jackson, Pittsburg, Pa.  
 Iron City Lumber Co., Birmingham, Ala.  
 Iron City Oil & Varnish Co., Inwood & Frankstown, Pittsburgh, Pa.  
 Iron City Roofing Co., cornices & skylights, 6943 Frankstown av, Pittsburgh, Pa.  
 Iron City Sand Co., Bessemer Bldg., Pittsburgh, Pa.  
 Iron City Sanitary Mfg. Co., bath tubs, machsts. & fndrs., Oliver Bldg., Pittsburgh, Pa.  
 Iron City Spring Co., carriage, 2920 Smallman, Pittsburgh, Pa.  
 Iron City Stone & Constr. Co., Wilkinsburg, Pa.  
 Iron City Tool Wks., Ploe anvils, spike pullers, 3201 Smallman, Pittsburgh, Pa.  
 Iron Clad Mfg. Co., waste cans, 178 Cook, Brooklyn, N. Y.  
 Iron Crib & Bin Co., Wooster, Ohio.  
 Iron Hydroxide Co., oxide of iron, Philadelphia, Pa.  
 Iron Ridge Canning Co., Iron Ridge, Wis.  
 Iron Spec. Co., junction boxes, 166 E. 114th, New York.  
 Ironclad Incubator Co., Racine, Wis.  
 Ironclay Brick Co., Columbus, Ohio.  
 Irondequoit Coal & Supply Co., masons' & bldrs.' matls., Irondequoit, N. Y.  
 Ironite Co., waterproof matl. mfrs., 111 W. Washington, Chicago, Ill.  
 Irons & Todd, contractors, 101 Park av, New York.  
 Ironsides Co., Hartman Bldg., Columbus, Ohio.  
 Ironton Cross Tie Co., Ironton, Ohio.  
 Ironton Engine Co., Ironton, Ohio.  
 Ironton Incandescent Light & Supply Co., gas stoves, Ironton, Ohio.  
 Ironton Lumber Co., Ironton, Ohio.  
 Ironton Portland Cement Co., Ironton, Ohio.  
 Ironton Punch & Shear Co., Ironton, Ohio.  
 Ironton Roofing & Corrugating Co., Ironton, Ohio.  
 Ironton Wood Mantel Co., Ironton, Ohio.  
 Ironwood Mfg. Co., agricultural implements, Bellefontaine, Ohio.  
 Iroquois Auto. Top Co., bow separators, Utica, N. Y.  
 Iroquois Bag Co., Buffalo, N. Y.  
 Iroquois Canning Co., Onarga, Ill.  
 Iroquois Door Co., sash, door & blind mfrs., Buffalo, N. Y.  
 Iroquois Engng. Co., 343 S. Dearborn, Chicago, Ill.  
 Iroquois Iron Co., 3267 E. 95th, Chicago, Ill.  
 Iroquois Pulp & Paper Co., Thomson, N. Y.  
 Irvin, Jewell & Vinson Co., plate glass, paint mfrs., Dayton, Ohio.  
 Irvin, R. J. Mfg. Co., auto. windshields, Indianapolis, Ind.  
 Irvin, Richard, architect, Union Bk. Bldg., Pittsburgh, Pa.  
 Irvin, Richard, & Co., architects, Commerce Bldg., Erie, Pa.  
 Irvine & Jackens, badges & emblems, 1027 Market, San Francisco, Cal.



- Irvine, Robt. C., lumber, Hollidaysburg, Pa.  
 Irving Canning Co., La Conner, Wash.  
 Irving & Casson, wood mantels, 573 Boylston, Boston, Mass.  
 Irving Cut Glass Co., Honesdale, Pa.  
 Irving, E. A., contractor, 3821 Spring Grove av, Cincinnati, Ohio.  
 Irving Iron Works Co., grating-subway, 3d, Long Island City, N. Y.  
 Irving, J. S., masons' & bldrs.' matls., Westfield, N. J.  
 Irving Mfg. Co., crinoline, book cloth, 23 Jersey, New Brighton, S. I., N. Y.  
 Irving Mfg. & Tool Co., 157 Chambers, New York.  
 Irving, Newell, Constr. Co., Watervliet, N. Y.  
 Irving Park Sash & Door Co., 4254 N. Crawford av, Chicago, Ill.  
 Irving-Pitt Mfg. Co., loose leaf devices, Kansas City, Mo.  
 Irving, W. A., packing box mfrs., Salem, Mass.  
 Irvington Bldg. Co., Law Bldg., Indianapolis, Ind., & Irvington, N. J.  
 Irvington Coal & Lime Co., masons' & bldrs.' matl., 5643 Bonna av. (Irvington), Indianapolis, Ind.  
 Irvington Mfg. Co., machsts., Irvington, N. J.  
 Irvington Mill & Elevator Co., Irvington, Ky.  
 Irvington Packing Co., canned goods, Irvington, Va.  
 Irvington Smelting & Refining Wks., Irvington, N. J.  
 Irvington Varnish & Insulator Co., Irvington, N. J.  
 Irwin Auger Bit Co., Wilmington, Ohio.  
 Irwin Foundry & Mine Car Co., Irwin, Pa.  
 Irwin, H. C., masons' & bldrs.' matls., Springfield, Ill.  
 Irwin, John B., contractor, Sault Ste. Marie, Mich.  
 Irwin, Jno. W. (Est. of), lbr. mfrs., Goshen, Ind.  
 Irwin & Leighton, contractors, 126 N. 12th, Philadelphia, Pa.  
 Irwin Mfg. Co., clothes washing machs., Front & Pike, Cincinnati, Ohio.  
 Irwin, Paul W., architect, Renshaw Bldg., Pittsburgh, Pa.  
 Irwin, R. J., machinist, Steubenville, Ohio.  
 Irwin, S. C., architect, Chamber of Com. Bldg., Tacoma, Wash.  
 Irwin, Thos. W., Mfg. Co., cornices & skylights, 307 Cremo, Pittsburgh, Pa.  
 Irwin, Wm. R., contractor, Mason City, Ia.  
 Isaac, Hyman, Cons Co., scrap iron & steel, Elizabeth, N. J.  
 Isaacs, A., & Co., sponges & chamols imp., 58 Beekman, New York.  
 Isaacs, R. D., & Son, contractors, Wilkes-Barre, Pa.  
 Isaacs, S., & Co., glue & gelatine mfrs., 100 William, New York.  
 Isaacson, L. G., Co., mill & facty. supplies, wholesale hdwe., Aberdeen, Wash.  
 Isabella Limestone Co., New Castle, Pa.  
 Isakson, P. A., contractor, Ogden, Utah.  
 Isbell, J. A., wood handles, Batten, Tenn.  
 Isbell-Porter Co., gas works apparatus & contr., Newark, N. J.  
 Isco-Bautz Co., silica, 46 Cliff, New York.  
 Isco Chemical Co., chemical mfrs., Niagara Falls, N. Y.  
 Isear, Meyer, contractor, 481 E. 174th, New York.  
 Isecovitz, Morris, scrap iron & steel, Reading, Pa.  
 Isele, A. W., & Son, hammers, tools, etc., 51 Pitt, Boston, Mass.  
 Iselin, Wm. O'D., architect, 14 E. 46th, New York.  
 Isely, Samuel, contractor, Monroe, Wis.  
 Isenberg Bedding Co., mattresses, Wilmington, Del.  
 Isenberg Bros., Baraboo, Wis.  
 Isenberg & Krevitzkin, contractors, 54th & Springfield, Philadelphia, Pa.  
 Isensee, Wm., & Co., machsts. & fndrs., Portland, Ore.  
 Isenstein, Otto, & Co., essential oils, varnish gums, etc., 10 Hubert, New York.  
 Isgrigg, W. H., & Son, brick contractors, Greensburg, Ind.  
 Isham, Arlington D., architect, 115 B' way, New York.  
 Isham, Norman M., architect, Grosvenor Bldg., Providence, R. I.  
 Isham, Phillips, pig iron & coke dlrs., 55 Liberty, New York.  
 Isherwood, J. W., architect, 17 Battery pl., New York.  
 Isko, Inc., elec. refrigerating machinery, Detroit, Mich.  
 Island Box Co., packing, Haverhill, Mass.  
 Island Mfg. Co., lumber, Couperville, Wash.  
 Island Paper Co., Carthage, N. Y., & Menasha, Wis.  
 Island Petroleum Co., lubrg. oils, Keyser Bldg., Baltimore, Md.  
 Isles, Andrew, architect, Diamond Bk. Bldg., Pittsburgh, Pa.  
 Isolated Plant Publish. Co., trade, 366 5th av, New York.  
 Isotta Fraschini Motor Co., 2 W. 57th, New York.  
 Israel Bros. Iron & Metal Co., scrap, Dayton, Ohio.  
 Israeli, E., architect, Girard Bldg., Philadelphia, Pa.  
 Isseks, David, wood tanks, 94 Mangin, New York.  
 Issenhuth, George, architect, Huron, S. D.  
 Iszard-Warren Co., levels, 136 N. 12th, Philadelphia, Pa.  
 Italian Marble Mosaic Co., mosaic mantels, 431 Spruce, Philadelphia, Pa.  
 Italian Mosaic & Marble Co., Buffalo, N. Y.  
 Italy Cotton Oil Co., meal, Italy, Tex.  
 Itasca Cotton Mfg. Co., Itasca, Tex.  
 Itasca Lbr. Co., 827 Lbr. Ex., Minneapolis, Minn.  
 Itasca Mfg. Co., advtg. nov. & spec., 510 W. Van Buren, Chicago, Ill.  
 Itasca Paper Co., Grand Rapids, Minn.  
 Itasca Roller Mills & Elevator Co., flour, Itasca, Tex.  
 Ithaca Calendar Clock Co., Ithaca, N. Y.  
 Ithaca Glass Mfg. Co., Spring City, Pa.  
 Ithaca Gun Co., shot guns, Ithaca, N. Y.  
 I. T. S. Rubber Co., heels, Elyria, Ohio.  
 Ittenbach, G., & Co., stone producers, 916 Harrison, Indianapolis, Ind.  
 Itter, Chas., contractor, Hazleton, Pa.  
 Ittner, Anthony, Brick Co., 3412 Market, St. Louis, Mo.  
 Ittner, Wm. B., architect, Bd. of Education Bldg., St. Louis, Mo.  
 Itzel, Carl J., architect, 1362 Prospect av, New York.  
 Ivanhoe Furnace Co., blast furnaces, Ivanhoe, Va.  
 Ivanhoe-Regent Works, lamp reflectors, Cleveland, Ohio.  
 Ivens, Wm. H., Sons Co., terra cotta, clayworking, pottery machinery, etc., Trenton, N. J.  
 Iver Glass Co., milk bottle caps, Columbus, Ohio.  
 Iver, John, & Co., contractors, Bradford, Pa.  
 Ivers, F., & Son, carriages, Cambridge, Mass.  
 Ivers & Pond Piano Co., 114 Boylston, Boston, Mass.  
 Iverson Bros., machinists, Salinas, Cal.  
 Iverson, E., & Sons, contractors, 175 W. Jackson, Chicago, Ill.  
 Iverson, J. B., lumber, Forks, Wash.  
 Ives, H. B., Co., hdwe. mfrs., New Haven, Conn.  
 Ives, Loyal T., Co., textile machy. supplies, New Brunswick, N. J.  
 Ives Mfg. Co., motorcycles, Oswego, N. Y.  
 Ives Mfg. Corp., mechl. toys, Bridgeport, Conn.  
 Ives, W. A., Mfg. Co., machsts. & fndrs., auger bits, screw-drivers, etc., Wallingford, Conn.  
 Ives, Wallace A., machsts. & fndrs., Sturgeon Bay, Wis.  
 Ivins, Ellwood, Tube Wks., Oak Lane Sta., Philadelphia, Pa.  
 Ivory Handle Co., Hope, Ark.  
 Ivory, J. C., contractor, Altoona, Pa.  
 Iwan Bros, bush hooks, Streator, Ill.  
 Iwan Bros., machsts., South Bend, Ind.  
 I. X. L. Furniture Co., kitchen cabinets, Goshen, Ind.  
 I. X. L. Handle Co., Dexter, Mo.  
 I. X. L. Pump & Mfg. Co., 957 N. 9th, Philadelphia, Pa.  
 Izmirian, Chas., cornices & skylights, 4417 3rd av, New York.  
 Jaastad, Henry O., architect, Tucson, Ariz.  
 Jabelonsky, C. H., architect, Peyton Bldg., Spokane, Wash.  
 Jaburg Bros., dough mixing machines, 10 Leonard, New York.  
 Jackes-Evans Mfg. Co., stove pipes, currycombs, Main & Tyler, St. Louis, Mo.  
 Jackman, W. J., guy anchors, Lima, Ohio.  
 Jacksboro Mill & Elevator Co., flour, Jacksboro, Tex.  
 Jacksboro Oil & Milling Co., meal, Jacksboro, Tex.  
 Jackson, A. D., Saddlery Co., horse collars, Benton, Ill.  
 Jackson, A. R., Kansas City Show Case Wks. Co., 620 E 3d, Kansas City, Mo.  
 Jackson, Allen W., architect, Equitable Bldg., Boston, Mass.  
 Jackson, Arthur C., architect, 25 Madison av, New York.  
 Jackson Automobile Co., Jackson, Mich.  
 Jackson Bangor Slate Co., roofing, Pen Argyl, Pa.  
 Jackson Brass Fdry. Co., machsts. & fndrs., Jackson, Mich.  
 Jackson Brick Co., Jackson, Tenn.  
 Jackson Bros. Co., lbr., Salisbury, Md.  
 Jackson-Byron Iron Wks., self feeders, hay carriers, Berkeley, Cal.  
 Jackson, C. D., & Co., marble, onyx, etc., 105th & E. R., New York.  
 Jackson, C. E., & Co., machsts. & fndrs., 518 Prospect, N. W., Cleveland, Ohio.  
 Jackson, C. P., lumber, Lawrenceville, Ga.  
 Jackson, C. W., & Sons, canned goods, Indianapolis, Ind.  
 Jackson Casket & Mfg. Co., Jackson, Miss.  
 Jackson, Chas. H., mill & facty. supplies, Rome, N. Y.  
 Jackson & Church Co., machsts. & fndrs., Saginaw, Mich.  
 Jackson, Church & Wilcox Co., machsts., Saginaw, Mich.  
 Jackson Co., flannels & sheetings, cotton, Nashua, N. H.  
 Jackson & Co., machsts. & fndrs., Rochester, Mich.  
 Jackson Cushion Spring Co., cushion springs & assemblies, 710 Water, Jackson, Mich.  
 Jackson, E. E., Lbr. Co., Keyser Bldg., Baltimore, Md.  
 Jackson, E. S., & Co., indry. facings & supplies, 224 E. 2d, Cincinnati, Ohio.  
 Jackson-Eagleton Brick Co., Maryville, Tenn.  
 Jackson, Edwin A., & Bro., mantels and grates, 50 Beekman, New York. *See adv index at end of book.*  
 Jackson Fence Co., Jackson, Mich.  
 Jackson Fertz. Co., Jackson, Miss.  
 Jackson Fibre Co., bags, Bemis, Tenn.  
 Jackson Flue Scraper Co., boiler flue cleansers, Jackson, Mich.  
 Jackson Foundry & Machine Co., Paducah, Ky.  
 Jackson, Francis E., x-ray fluoroscopes, Orange, N. J.  
 Jackson, Frank H., architect, 1240 Kearney, N. E., Washington, D. C.  
 Jackson, Frank J., architect, Orear-Leslie Bldg., Kansas City, Mo.  
 Jackson, G. Edwin, architect, Clarendon Bldg., Utica, N. Y.  
 Jackson Gas Engine Co., clothes washing machs., Jackson, Mich.  
 Jackson, Geo., Carriage & Implement Co., Pueblo, Colo.  
 Jackson Glass Wks., Jackson, Mich.  
 Jackson Hardware Co., Aberdeen, S. D.  
 Jackson Iron & Steel Co., Jackson, Ohio.  
 Jackson, J. A., canned goods, Goldsboro, Md.  
 Jackson, J. Elvin, architect, 727 Walnut, Philadelphia, Pa.  
 Jackson, J. M., Lumber Co., Parkersburg, W. Va.  
 Jackson, J. O., Jr., flour, Comet, Tex.  
 Jackson, J. Richard, contractor, Perry Bldg., Philadelphia, Pa.



- Jackson, J. T., sash, doors & blinds, Lexington, Ky.  
 Jackson, J. W., contractor, Noblesville, Ind.  
 Jackson, J. W., oilers, cans, Sharpsville, Pa.  
 Jackson, Jerome P., architect, Sec. Bk. Bldg., Minneapolis, Minn.  
 Jackson, John H., Tile Co., Albany, N. Y.  
 Jackson, John W. & C. R., flour, Kirwin, Kans.  
 Jackson, Jos. A., architect, 1123 B'way, New York.  
 Jackson, L. A., lbr., Crystal, N. H.  
 Jackson, Louis E., architect, 8 Beacon, Boston, Mass.  
 Jackson Lumber Co., Lockhart, Ala., & Jackson, Miss.  
 Jackson Lumber & Supply Co., Waterloo, Ia.  
 Jackson, M. L., contractor, Lorain, Ohio.  
 Jackson Mach. Tool Co., die sinking machs., Jackson, Mich.  
 Jackson Mfg. Co., machsts., Rockford, Ill., & Jackson, Ohio.  
 Jackson Mfg. Co., wheel barrows & small car mfrs., Harrisburg, Pa. *See adv index at end of book.*  
 Jackson & Maurice, contractors, Ford Bldg., Detroit, Mich.  
 Jackson Mill & Lumber Co., Jackson, Ohio.  
 Jackson Milling Co., flour, Stevens Point, Wis.  
 Jackson Mills, cotton sheetings, Iva., S. C.  
 Jackson Mills Emery Co., polishers' materials mfrs., Easton Pa.  
 Jackson Motor Shaft Co., Jackson, Mich.  
 Jackson & Newton Co., sash, door & blind, 105 Portland, Boston, Mass.  
 Jackson Organ Co., Burlington, Ia.  
 Jackson, P. H., & Co., vault & sidewalk lights, 237 1st, San Francisco, Cal.  
 Jackson Potteries Co., Inc., vitreous china plumbing fixtures, Fulton Bldg., Pittsburgh, Pa.  
 Jackson Repairing Co., carriages, Washington, Pa.  
 Jackson, Rich., Slate Co., roofing, Pen Argyl, Pa.  
 Jackson-Richter Iron Wks. Co., Denver, Colo.  
 Jackson, Robertson & Adams, architects, Turk's Head Bldg., Providence, R. I.  
 Jackson, Rosencrans & Waterbury, architects, 1328 B'way, New York.  
 Jackson, S. R., levels, plumb bobs, etc., Watertown, N. Y.  
 Jackson & Salomonson, architects, 36 Bromfield, Boston, Mass.  
 Jackson, Sam'l. Co., steam fitters' supplies, Pawtucket, R. I.  
 Jackson Sand Mining Co., Jackson, Ohio.  
 Jackson Shear & Razor Co., Fremont, Ohio.  
 Jackson Shovel & Tool Co., Montpelier, Ind.  
 Jackson Stone Co., Bridgeport, Conn., & Covington, Ohio.  
 Jackson Supply Co., fertilizer, Baconton, Ga.  
 Jackson, Thos., & Co. (Ltd.), sash, door & blind mfrs., Saginaw, Mich.  
 Jackson, Thos. F., Co., stone prod., Waterbury, Conn.  
 Jackson, Thos., & Son Co., cord & twine, Reading, Pa.  
 Jackson, Thos. W., masons' & bldrs.' matls., Middleport, N. Y.  
 Jackson Tile & Brick Co., Jackson, Minn.  
 Jackson & Tindle, lbr., Buffalo, N. Y.  
 Jackson, W. C., architect, Northern B. & T. Bldg., Seattle, Wash.  
 Jackson, W., & Co., adv. novelties & specialties, 39 S. La Salle, Chicago, Ill.  
 Jackson, Walter H., architect, 500 5th av., New York.  
 Jackson, Willard F., architect, Brockton, Mass.  
 Jackson, Wm. E., architect, 1003 Spruce, Philadelphia, Pa.  
 Jackson, Wm. H., Co., galvano-bronze wks., fire-places & mantels, 2 W 47th, New York.  
 Jackson's Mantel & Grate Wks., fire-place furnishings mfrs., 2 W. 33d, New York.  
 Jackson's, Sam'l. Sons, ry. signal torpedoes, 1129 S. 15th, Philadelphia, Pa.  
 Jacksonville Brick Co., Jacksonville, Fla.  
 Jacksonville Concrete Co., Jacksonville, Fla.  
 Jacksonville Cotton Oil Co., fertz. mfrs., Jacksonville, Tex.  
 Jacksonville Fertilizer Co., Jacksonville, Fla.  
 Jacksonville Packing Co., meat packers, Jacksonville, Ill.  
 Jacob Bros., scrap brass & iron, babbitt metal, etc., Bridgeport, Conn.  
 Jacob Bros. Co., pianos, 539 W. 39th, New York.  
 Jacob, Chas. W., & Allison, wax, powdered licorice, grass matting, ultramarine blues, 16 Cedar, New York.  
 Jacob, Edgar A., cornices & skylights, Port Angeles, Wash.  
 Jacob, Jas. W., & Allison, gum substitutes, 18 Cedar, New York.  
 Jacob, Robt., motor boat, launch & yacht bldrs., City Island, N. Y.  
 Jacob, Robt., Engine & Mach. Co., 211 Chouteau av, St. Louis, Mo.  
 Jacob & Youngs, contractors, 116 W. 32d, New York.  
 Jacobberger & Smith, architects, Board of Trade, Portland, Ore.  
 Jacobi, Alex., cornices, Saginaw, Mich.  
 Jacobi, Jac. L., architect, 1311 Chestnut, Milwaukee, Wis.  
 Jacobi, N., Hardware Co., Wilmington, N. C.  
 Jacobs, Alfred Henry, architect, 110 Sutter, San Francisco, Cal.  
 Jacobs, Arthur, architect, 128 N. La Salle, Chicago, Ill.  
 Jacobs, Barney, contractor, Ashland, Wis.  
 Jacobs Bros., machsts. & fndrs., Avoca, Ia.  
 Jacobs Bros. Co., counter & platform scales & slicing machs., 78 Warren, New York.  
 Jacobs Bros. Mfg. Co., mattresses, Champaign, Ill.  
 Jacobs, C. B., elec. & gas light fixtures, 5241 W., Chicago, Ill.  
 Jacobs, Chas., & Co., heaters, purifiers & separators, 258 Franklin, Boston, Mass.  
 Jacobs, Chas. J., Co., contractors, 107 Terrace, Boston, Mass.  
 Jacobs, Chas. N., architect, 3630 Minnesota av, St. Louis, Mo.  
 Jacobs, David H., & Son, contractors, 166 Devonshire, Boston, Mass.  
 Jacobs, E. H., Mfg. Co., mill & facty. supplies & loom pickers, Danielson, Conn.  
 Jacobs, E. P., Mfg. Co., stone mfrs., Bridgeport, Ala.  
 Jacobs, Elmer F., architect, Morgantown, W. Va.  
 Jacobs, F. M., mill & facty. supplies, Columbus, Miss.  
 Jacobs, Geo. M., architect, 6 Beacon, Boston, Mass.  
 Jacobs, Geo. P., & Co., plumbers', mill & facty. supplies, jobbers, 276 S. 9th, Brooklyn, N. Y.  
 Jacobs, H. M., architect, 1504 E. 35th, Kansas City, Mo.  
 Jacobs, Harry A., architect, 320 5th av, New York.  
 Jacobs-Hutchinson Hardware Co., Fairmont, W. Va.  
 Jacobs, J. L. & M., Co., underwear labels, 324 Lafayette, New York.  
 Jacobs, Jacob J., contractor, Toledo, Ohio.  
 Jacobs, Julius, masons' & bldrs.' matls., 276 W. McMicken av, Cincinnati, Ohio.  
 Jacobs, Kenneth W., barrel heaters, 1901 St. Paul, Milwaukee, Wis.  
 Jacobs, L. W., miter boxes, West Willington, Conn.  
 Jacobs Mfg. Co. (The), drill chuck mfrs., 894 Park, Hartford, Conn. *See adv index at end of book.*  
 Jacobs, S. R., machy. dlrs., Atlanta, Ga.  
 Jacobs, S., & Sons, green house bldrs. & materials, 1365 Flushing av, Brooklyn, N. Y.  
 Jacobs-Shupert U. S. Firebox Co., locomotive fire boxes, 30 Church, New York.  
 Jacobs, W. S., architect, Puyallup, Wash.  
 Jacobs & Wait, mattresses, Champaign, Ill.  
 Jacobsen Constr. Co., McKay Bldg., Portland, Ore.  
 Jacobsen-Jenson Co., contrs., Portland, Ore.  
 Jacobsen, W. H., heating contractors, Belleville, N. J.  
 Jacobson, A. C., & Sons, lbr. mfrs., 81 Bridge, Brooklyn, N. Y.  
 Jacobson, Anton, contractor, Racine, Wis.  
 Jacobson Bros., contractors, Duluth, Minn.  
 Jacobson Bros., auto. windshields, 254 Central, Newark, N. J.  
 Jacobson, I. M., & Sons Co., ingots, metals, etc., 70 Catherine, Detroit, Mich.  
 Jacobson, John, contractor, Marshalltown, Ia.  
 Jacobson Machine Mfg. Co., gas engines & auto. axles, Warren, Pa.  
 Jacobson, O. B., brick, Kimballton, Ia.  
 Jacobson-Peterson-Peltz & Kaufer Co., corn brooms, South Bend, Ind.  
 Jacobson, R. A., contractor, 699 17th av, N. E., Minneapolis, Minn.  
 Jacobson, Silas, architect, Cap. Bk. Bldg., St. Paul, Minn.  
 Jacobus, A. G., Sons, tex. machy. brushes (mill), Verona, N. J.  
 Jacobus, Wm. H., wholesale hdwe., 79 Walker, New York.  
 Jacoby Art Glass Co., 2700 St. Vincent, St. Louis, Mo.  
 Jacoby, J. H., & Co., trunk mfrs., Burlington, Ia.  
 Jacoby & Son Co., marble interior work, 2025 Market, Philadelphia, Pa.  
 Jacoby & Weishambel, architects, Allentown, Pa.  
 Jacot, A. H., music boxes, 29 John, New York.  
 Jacques, Jno., & Son, machsts., Worcester, Mass.  
 Jacques, Urgel, architect, 311 Main, Worcester, Mass.  
 Jaack, Hector C., battery chemicals, 215 Russell, Brooklyn, N. Y.  
 Jaack, Louis, Co., dyestuffs & mill soaps, 257 Front, New York.  
 Jaeger Asbestos Flat Iron Waxer Co., sad iron waxers, 390 Hudson, New York.  
 Jaeger Automatic Machine Co., 2238 N. 9th, Philadelphia, Pa.  
 Jaeger, Fred'k. architect, 441 E. Tremont av, New York.  
 Jaeger, H. J., Co., lamps, 280 Park av, Weehawken, N. J.  
 Jaeger Machine Co., concrete mixers, 417 W. Rich, Columbus, Ohio.  
 Jaehn, Frank, Constr. Co., Horn, S. D.  
 Jaehnig Gas Fixture Co., 221 13th av, Newark, N. J.  
 Jaekle, W. L., architect, U. B. Bldg., Dayton, Ohio.  
 Jaenecke Printing Ink Co., printg. ink & dry colors, Wright & Av B, Newark, N. J.  
 Jaeschke Bros. Fndry. Co., 3026 Locust, Milwaukee, Wis.  
 Jager, Chas. J., Co., mill & facty. supplies, 15 Custom House, Boston, Mass.  
 Jagger Brick Co., Minneapolis, Minn.  
 Jahn, Rudolph B., architect, Sheboygan, Wis.  
 Jahn, Wm. R., archl. iron, 3239 Germantown av, Phila., Pa.  
 Jahncke, Fritz, masons' & bldrs.' matls., 814 Howard, New Orleans, La.  
 Jahncke Navigation Co., 816 Howard av, New Orleans, La.  
 Jahnke Welding & Mfg. Co., 111 Main, San Francisco, Cal.  
 Jahn's, Robt., Sons, cornices, Scotch Plains, N. J.  
 Jaicks, A., Co., contrs., Amer. Bank Bldg., Kansas City, Mo.  
 Jaicks Co., contractors, Amer. Bk. Bldg., Kansas City, Mo.  
 Jaite Co., paper & pulp mills, Boston, Ohio.  
 Jakes Fdry. Co., Nashville, Tenn.  
 Jakin Brick Co., Jakin, Ga.  
 Jakobson & Peterson, ship bldrs., ft. of 24th Brooklyn, N. Y.  
 Jakoby, Anton, cornices, 3122 Kensington, Philadelphia, Pa.  
 Jakway-Motor Cone Vacuum Cleaning Mfg. Co., 135 Wood av, Syracuse, N. Y.  
 Jallade, Louis E., architect, 37 Liberty, New York.  
 Jamaica Dyewood & Chemical Co., 50 Church, New York.  
 James & Abbott Co., lumber, 155 Milk, Boston, Mass.  
 James, Alfred, machsts. & fndrs., La Crosse, Wis.  
 James, B. L., Mercantile & Mfg. Co., Denver, Colo.



- James Bros., cornices & htg. contr., West Chester, Pa.  
 James, D. B., architect, Campton, N. H.  
 James, D. O., Mfg. Co., machsts. & fndrs., 1120 W. Monroe, Chicago, Ill.  
 James, E. B., Lumber Co., 40 Central, Boston, Mass.  
 James, E. L., fertilizer mfrs., Warrenville, Conn.  
 James Fertilizer Co., James, Ala.  
 James, Fred J., architect, Tampa, Fla.  
 James, Geo. A., Co., assayers, 28 Belden pl, San Francisco, Cal.  
 James & Graham Wagon Co., Memphis, Tenn.  
 James Granite Co., Hardwick, Vt.  
 James, Harry H., architect, Crary Bldg., Seattle, Wash.  
 James, Henry, & Son, tallow, Boston, Mass.  
 James & Holmstrom, pianos, 23 E. 14th, New York.  
 James, John E., contractor, Wilkes-Barre, Pa.  
 James, J. T., canned goods, Roanoke, Va.  
 James Lbr. Co., 921 Alicanna, Baltimore, Md., & Franklin, Pa.  
 James Ore Concentrator Co., 35 Runyon, Newark, N. J.  
 James, Thos. M., architect, 185 Devonshire, Boston & Sherborn, Mass.  
 James Mfg. Co., hose couplings, rubber heels, flexible fabric tubing, Cleveland, Ohio.  
 James Mfg. Co., cattle stanchions, pens, barn equipments, Fort Atkinson, Wis.  
 James Mfg. Co., wood alcohol, charcoal, Kane, Pa.  
 James, Marshall T., contractor, 10 E. 41st, New York.  
 James River Brick Co., Norfolk, Va.  
 James River Furniture & Mattress Co., mattress mfrs., Richmond, Va.  
 James, S. H., architect, Gary, Ind.  
 James & Schow Co., harness mfrs., Fort Worth, Texas.  
 James Supply Co., plumbers, mill & facty. supplies & wholesale hdwe., Chattanooga, Tenn.  
 James, W. J., tics, Franklin, Pa.  
 Jameson, Rabinovitch & Jameson, scrap rubber, 1510 Newberry av, Chicago, Ill.  
 Jamestown Boiler Wks., Jamestown, N. Y.  
 Jamestown Cabinet Co., Jamestown, N. Y.  
 Jamestown Canning Co., Jamestown, Ind.  
 Jamestown Car Parts Mfg. Co., radiators, Jamestown, N. Y.  
 Jamestown Construction Co., masons' & bldrs.' matls., Jamestown, N. Y.  
 Jamestown Iron Wks. Co., machsts. & fndrs., Jamestown, N. Y.  
 Jamestown Mantel Co., Falconer, N. Y.  
 Jamestown Milling Co., flour, Jamestown, Ark.  
 Jamestown Paint & Varnish Co., Jamestown, Pa.  
 Jamestown Panel Co., Jamestown, N. Y.  
 Jamestown Shale Paving Brick Co., Jamestown, N. Y.  
 Jamestown Spring Bed Co., Jamestown, N. Y.  
 Jamestown Window Screen Co., Jamestown, N. Y.  
 Jamestown Wood Finishing Co., paints & stains, Jamestown, N. Y.  
 Jamestown Worsted Mills, woolen flannels, Jamestown, N. Y.  
 Jamieson & Bond Co., masons' & bldrs.' matls., Bond av, Oceanus, N. Y.  
 Jamieson, Jas. P., architect, Security Bldg., St. Louis, Mo.,  
 Jamieson, M. W., & Co., machsts. & fndrs., Warren, Pa.  
 Jamieson Mach. Co., St. Joseph, Mo.  
 Jamieson's, D., Sons, towels, Trenton & Sergeant, Phila., Pa.  
 Jamison Coal & Coke Co., Oliver Bldg., Pittsburgh, Pa.  
 Jamison Cold Storage Door Co., Hagerstown, Md.  
 Jamison & Hallowell, contractors, Montgomery, Ala.  
 Jamison, I. M., fndrs., Swales, Pa.  
 Jamison Mill Co., lumber, Everett, Wash.  
 Jamison & Morris, contractors, Greenville, S. C.  
 Jamison Rail Bond & Electrical Supply Co., Jenkins Arcade, Pittsburgh, Pa.  
 Jamison Spring & Mattress Co., Nashville, Tenn.  
 Jamison, T. H., natural gas burners, Claysville, Pa.  
 Jamison, W. L., contractor, 42 W. Town, Columbus, Ohio.  
 Janes, Elisha Harris, architect, 414 Madison av, New York.  
 Janes, Franklin Hawley, architect, 154 Nassau, New York.  
 Janes & Kirtland, hot air furnaces, 133 W. 44th, New York.  
 Janes & Leo, architects, 124 W. 45th, New York.  
 Janesboro Yarn Mills Co., cotton twine, Janesboro, Tenn.  
 Janesville Barb Wire Co., Janesville, Wis.  
 Janesville Batting Mills, cotton batting, Janesville, Wis.  
 Janesville Brick Works, Janesville, Wis.  
 Janesville Carriage Works, Janesville, Wis.  
 Janesville Cement Co., cement shingle machinery, Janesville, Wis.  
 Janesville Contracting Co., Janesville, Wis.  
 Janesville Machine Co., agricultural implements, Janesville, Wis.  
 Janesville Sand & Gravel Co., Janesville, Wis.  
 Janette Mfg. Co., circuit breakers, air compressors, etc., 617 W. Jackson blvd., Chicago, Ill.  
 Janeway Button Co., New Brunswick, N. J.  
 Janeway & Carpenter, wall paper mfrs., New Brunswick, N. J.  
 Janisch, John L., contractor, 530 Ravenswood av, Chicago, Ill.  
 Janney & Co., machsts. & fndrs., Montgomery, Ala.  
 Janney, Jos. W., lumber, Pier 52, North Wharves, Phila., Pa.  
 Janney-Semple, Hill & Co., wholesale hdwe., mill & facty. supplies, 1st av. S., & 2d, Minneapolis, Minn.  
 Janney, Steinmetz & Co., indicators, etc., 1421 Chestnut, Philadelphia, Pa.  
 Janowitz, A. F., architect, 746 Euclid av, Cleveland, Ohio.  
 Jansen, Ed., rattan & reed furniture, 110 W. 18th, New York.  
 Jansen, J. A., architect, Eustis & Como, Minneapolis, Minn.  
 Jansen & Joosten, organs, Flanagan, Ill.  
 Jansen-Petersen Co., machsts., Cleveland, Ohio.  
 Jansen, T. E., cornices, Kenosha, Wis.  
 Jansen, Wm. C., architect, 813 Prospect, Cleveland, Ohio.  
 Jansen & Zoeller, contractors, common brick, Pekin, Ill.  
 Janson Iron Works, Oakland, Cal.  
 Janson Steel & Iron Co., iron bar mill, Columbia, Pa.  
 Janssen & Abbott, architects, Century Bldg., Pittsburgh, Pa.  
 Janssen, Ben. H. E., pianos, 132d & Brown pl, New York.  
 Janssen, Bernard H., archl. iron, 135 Huron, Brooklyn, N. Y.  
 Janssen Bros. Co., contractors, Yoakum, Tex.  
 Janssen, Ernest C., architect, Chemical Bldg., St. Louis, Mo.  
 Janssen, J. B., fndr., Woonsocket, S. D.  
 Janssen, Otto, architect, 765 Pyrites, Los Angeles, Cal.  
 Janssen, Wm. H., contractor, Galveston, Tex.  
 Jante, N. S., machsts. & fndrs., Nashville, Tenn.  
 Janton, A. & J., coffins, etc., 1410 11th, Philadelphia, Pa.  
 Janton, Geo., & Sons Co., soap, 272 W. Mound, Columbus, Ohio.  
 Jantz Leist Electric Co., dynamos for isolated electric light & power plants, Cincinnati, Ohio. *See adv index end of book.*  
 January & Wood Co., cordage & twine, Maysville, Ky.  
 Janus Vacuum Goods Co., vacuum bottles, 260 West, New York.  
 Janusch Mfg. Co., colonial candlesticks, machsts. & fndrs., 496 E. 134th, New York.  
 Janvier, Walter, soap, 417 Canal, New York.  
 Japanese Tissue Mills, Holyoke, Mass.  
 Japes, Frank, Co., sash, door & blind, 8th & Plum, Detroit, Mich.  
 Japs, Frank A., machst., Redwood Falls, Minn.  
 Jarboe, E. R., Canning Co., Mechanicsville, Md.  
 Jarden Brick Co., Land Title Bldg., Philadelphia, Pa.  
 Jarden, C. J., architect, 1780 81st, Brooklyn, N. Y.  
 Jarden Lithographing Co., label mfrs., 310 N. 11th Phila., Pa.  
 Jardine & Anderson, contractors, Fargo, N. D.  
 Jardine, Hill & Murdock, architects, 50 E. 42d, New York.  
 Jardine, Matheson & Co., tallow & oils, 63 Wall, New York.  
 Jardine, Walter S., & Sons Co., fire place furnishings mfrs., 85 Haverhill, Boston, Mass.  
 Jarecki Chemical Co., Sandusky, Ohio.  
 Jarecki Mfg. Co., brass & malleable iron, 149 E. 9th, Erie, Pa.  
 Jarl, C. O., contractor, Great Falls, Mont.  
 Jarratt, J. S., & Co., lumber, Savannah, Ga.  
 Jarrell, B. C., & Co., sash, door & blind, Humboldt, Tenn.  
 Jarrell Bros., flour mills, Standardville, Va.  
 Jarrell, R., & Son, canned goods, Maryland, Md.  
 Jarrell, R., & Sons, canned goods, Goldsboro, Md.  
 Jarrell, W. G., Machine Co., Charlotte, N. C.  
 Jarrett, Chas. L., architect, North Wales, Pa.  
 Jarrett Construction Co., Springfield, Mo.  
 Jarrett, F. H., stone producers, Bethayres, Pa.  
 Jarrett-Richardson Paving Co., Springfield, Mo.  
 Jarvis, Charles L., Co., drilling, tapping attachments, hdwe, spec., Gildersleeve, Conn.  
 Jarvis Engine & Mach. Wks., machsts. & fndrs., Lansing, Mich.  
 Jarvis Engineering Co., refrigeration, 261 Franklin, Boston, Mass.  
 Jarvis & Jarvis, bed castors, Southbridge, Mass.  
 Jarvis, Jos. T., models & patterns, 73 Haverhill, Boston, Mass.  
 Jarvis Paper Mills, West Claremont, N. H.  
 Jarvis, W. B., Co., sporting goods mfrs., Grand Rapids, Mich.  
 Jaslin, A. D., Mfg. Co., time stamps, 223 W. Erie, Chicago, Ill.  
 Jasper, Chas., contractor, Hyde Bldg., Spokane, Wash.  
 Jasper Desk Co., Jasper, Ind.  
 Jasper Lumber Co., Newton, Ia.  
 Jasper Machine Works, machsts. & fndrs., Jasper, Ind.  
 Jasper Oil & Fertilizer Co., Jasper, Ala.  
 Jasper Veneer Mills, Jasper, Ind.  
 Jasperson Supply Co., plumbers, Mill & facty. supplies, jobbers, St. Marys, Ohio.  
 Jastrum, Fred'k., machsts., Freeport, Ill.  
 Jayn, W. T., flour mills, Gate City, Va.  
 J. C. H. Galvanizing Co., 1110 N. Front, Philadelphia, Pa.  
 Jean, Augustine, sash, door & blind, Nadeau, Mich.  
 Jean & Welde, machsts., Los Angeles, Cal.  
 Jeandron, W. J., carbon brushes, 172 Fulton, New York.  
 Jeanerette Lumber & Shingle Co., Ltd., Jeanerette, La.  
 Jeanesville Iron Wks. Co., machsts. & fndrs., Hazleton, Pa.  
 Jeannette Glass Co., glass bottles, Jeannette, Pa.  
 Jeannette Mach. Co., Jeannette, Pa.  
 Jeannette Window Glass Co., Point Marion, Pa.  
 Jefferis, Joshua C., architect, 1001 Chestnut, Philadelphia, Pa.  
 Jefferis, P. E., contractor, West Chester, Pa.  
 Jefferis, Richard W., Co., bins lockers (metallic), Camden, N. J.  
 Jefferis, W. W., cornices & skylights, Wilmington, Ohio.  
 Jeffers, F. H., lumber, Custer, Wash.  
 Jeffers, J. Allen, contractor, Schenectady, N. Y.  
 Jeffers, J. H., architect, Mason City, Ia.  
 Jeffers, Lewis, contractor, Schenectady, N. Y.  
 Jeffers, Wm., cornices & skylights, 77 Joy, Boston, Mass.  
 Jefferson Brass Fdry., monel metal castings, 209 King, Brooklyn, N. Y.  
 Jefferson Brick & Tile Mfg. Co., Jefferson, Wis.  
 Jefferson, Christ D., die sinkers, 25 N. 7th, Philadelphia, Pa.  
 Jefferson Construction Co., Q. & C. Bldg., New Orleans, La.  
 Jefferson Cotton Oil Co., fertz. mfrs., Jefferson, S. C.  
 Jefferson Distilling & Denaturing Co., cologne spirits, Harvey, La.



- Jefferson, E. D. & Son, kiers, 53 State, Boston, Mass.  
 Jefferson, Edw., & Bro., textile machy., supplies, etc., 123 S. 2d, Philadelphia, Pa.  
 Jefferson Elec. Mfg. Co., 847 W. Harrison, Chicago, Ill.  
 Jefferson Fertilizer Co., Birmingham, Ala.  
 Jefferson Fdry. & Mach. Shops, Jefferson, Texas.  
 Jefferson Glass Co., arc lamp globes, table, etc., 30 W. Mich., Chicago, Ill. & Follansbee, W. Va.  
 Jefferson Iron Co., Oak Hill, Ohio.  
 Jefferson Iron Wks., machy. dlr., Detroit, Mich.  
 Jefferson Iron Wks. Co., machsts., Detroit, Mich.  
 Jefferson Mach. Wks., 2005 Oxford, Philadelphia, Pa.  
 Jefferson Plumber & Mill Supply Co., Birmingham, Ala.  
 Jefferson Powder Co., Birmingham, Ala.  
 Jefferson & Thomas, architects, McNeece Bldg., San Diego, Cal.  
 Jefferson Union Co., couplings, pipe fittings, etc., Lexington, Mass.  
 Jeffersonville Canning Co., Jeffersonville, Ind.  
 Jeffersonville Mfg. Co., kitchen cabinets, Jeffersonville, Ind.  
 Jeffery-Dewitt Co., lavatory apparatus, Butler av & Grand Trunk Ry., Detroit, Mich.  
 Jeffery, E. R., architect, 210 W 7th, Los Angeles, Cal.  
 Jeffery, A. L., sashes, doors & blinds, Marengo, Ohio.  
 Jeffery, Dan'l. & Sons, tubular boilers, Jeanerette, La.  
 Jeffery, H. T., architect, Union Bldg., Cleveland, Ohio.  
 Jeffery, H. T., Jr., architect, Butler Bldg., Brooklyn, N. Y.  
 Jeffery, Henry T., Jr., architect, Butler Bldg., Richmond Hill, N. Y.  
 Jeffery, John, Co., contractors, 127 N. Dearborn, Chicago, Ill.  
 Jeffrey Louis, Mfg. Co., catalog envelopes, 78th & Brunswick av, Philadelphia, Pa.  
 Jeffrey Mfg. Co., conveying, mining, pulverizing, etc., machinery, 961 N. Fourth, Columbus, Ohio.  
*See adv index at end of book.*  
 Jeffrey, W. A. & Sons, contractors, Ottawa, Ill.  
 Jeffreys-Spaulding Mfg. Co., box shooks, Chase City, Va.  
 Jeffries, A. H., architect, Estherville, Ia.  
 Jeffries, Wm., machinist, Thibodaux, La.  
 Jelke, John F., Co., canned goods, 759 S. Washtenaw av, Chicago, Ill.  
 Jelks, W. A., & Co., fertilizer, Hawkinsville, Ga.  
 Jelley's, J. C., Sons, fertilizer, Mitchell, Ga.  
 Jellico Foundry Co., Jellico, Texas.  
 Jellico Hardware Co., Jellico, Tenn.  
 Jelliff, C. O., Mfg. Co., agricultural implements & wire goods mfrs., Southport, Conn.  
 Jelliff, Geo. H., & Son, sieves, New Canaan, Conn.  
 Jeltet Stuck, & Co., sash, door & blind mfrs., Grand Rapids, Mich.  
 J-E-M Shade Holder Co., 221 W. 33d, New York.  
 Jennison, J. B., & Co., lumber, Thomasville, Ga.  
 Jenckes Knitting Mach Co., Pawtucket, R. I.  
 Jenckes Spinning Co., tire fabrics, Pawtucket, R. I.  
 Jencks, E., Mfg. Co., machsts., Worcester, Mass.  
 Jencks Paper Box Co., 45 Waldo, Providence, R. I.  
 Jenison, L. & L., Co., flour mills, Jenison, Mich.  
 Jenkins, A. C., architect, Albany, Ore.  
 Jenkins Auto Specialty Co., Sumter, S. C.  
 Jenkins, Branscombe & Romberg, architects, Grand Junction, Colo.  
 Jenkins Brick Co., Montgomery, Ala.  
 Jenkins Bros., mill & facty. supplies, 133 N. 7th, Phila, Pa.  
 Jenkins Bros., valves, traps, washers, gauges, injectors & ejectors, 80-82 White, New York.  
 Jenkins, C. C., masons' & bldrs.' matls., Willoughby, Ohio.  
 Jenkins, Charles B., architect, Newkirk, Okla.  
 Jenkins, D. C., Glass Co., Kokomo, Ind.  
 Jenkins, Daniel, contractor, Streator, Ill.  
 Jenkins, Geo. O., Co., leather boards & paper & pulp mills, Whitman, Mass.  
 Jenkins, Geo. R., & Co., lubricating oils & greases, 608 S. Dearborn, Chicago, Ill.  
 Jenkins Hay Rake & Stacker Co., Chillicothe, Mo.  
 Jenkins, J. E., flour, Central City, Mo.  
 Jenkins, J. W., lumber, Macon, Ga.  
 Jenkins, Jas. H., granite, Quincy, Mass.  
 Jenkins, John W., stone producers, Springfield, Ohio.  
 Jenkins, L. Chastine, contractor, Richmond, Va.  
 Jenkins Lumber Co., Birmingham, Ala.  
 Jenkins-McKay Hdwe. Co., Central City, Colo.  
 Jenkins Machine Co., woodworking machy., Sheboygan, Wis.  
 Jenkins Mfg. Co., machs. & fdrs., Bloomfield, N. J.  
 Jenkins Mfg. Co., sewage ejectors, plugs, etc., 20 Vesey, New York  
 Jenkins Paint & Oil Co., paint manufrs., Norfolk, Va.  
 Jenkins-Phipps Co., rattan & reed wks., Wakefield, Mass.  
 Jenkins & Reynolds Co., masons' & bldrs.' matls., Chicago, Ill.  
 Jenkins Rubber Co., Elizabeth, N. J., & 80 White, New York.  
 Jenkins, Thos., & Co., stone producers, Memphis, Tenn.  
 Jenkins, U. R., masons' & bldrs.' matls., Wrightsville, Ga.  
 Jenkins, W. M., Machine Works, 18th & Treat av, San Francisco, Cal.  
 Jenkins, W. S., & Sons, machsts., Portland, Mich.  
 Jenkins & Wells, contractors, Sacramento, Cal.  
 Jenkinson, John, brass fndr., Pawtucket, R. I.  
 Jenkinson, R. C., & Co., hdwe. mfrs., 293 Washington, Newark, N. J.  
 Jenks, A. Murray, architect, Mt. Vernon, N. Y.  
 Jenks, Edw. B., dock bldrs., 143 Liberty, New York.  
 Jenks, H. F., Co., tapping & threading mach., drinking & sanitary fountain, etc., Pawtucket, R. I.  
 Jenks Lantern Co., 208 N. 5th av, Chicago, Ill.  
 Jenks & Muir Mfg. Co., brass & iron bedsteads and mattresses, 1441 Hastings, Detroit, Mich.  
 Jenks & Plume, contractors, Mount Vernon, N. Y.  
 Jenks & Son, machsts. & fndrs., Prairie City, Ia.  
 Jenne Acetylene Gas Machine Co., Traction Terminal Bldg., Indianapolis, Ind.  
 Jenne Bros., cornices & skylights, Yazoo City, Miss.  
 Jennens, W. H., composition & plastic ornaments, archl. decorators, etc., 1811 Baltimore av, Kansas City, Mo.  
 Jenner, John H., machsts. & fndrs., Leavenworth, Ind.  
 Jennes, C. A., l'br., Rye Beach, N. H.  
 Jenness Bros., l'br., Farmington, N. H.  
 Jennet Bridge & Iron Works, steel bridge bldrs., 3541 Shields av, Chicago, Ill.  
 Jennett Brass Co., fertilizer mfrs., Elizabeth City, N. C.  
 Jenney, Alex S., architect, 50 Bromfield, Boston, Mass.  
 Jennings Bros. Mfg. Co., machsts. nut crackers, etc., Bridgeport, Conn.  
 Jennings, C. E., & Co., whol. hdwe., 71 Murray, New York.  
 Jennings Cypress Tank Co., Shreveport, La.  
 Jennings, E. M., machsts., Webster, N. Y.  
 Jennings Graphite Co., Lineville, Ala.  
 Jennings & Griffin, machsts. & fndrs., Meriden, Conn.  
 Jennings & Griffin Mfg. Co., machsts., Port Jervis, N. Y.  
 Jennings & John, ornamental architectural iron, 83 Manhattan, New York.  
 Jennings, M. L., Co., cornices, 433 S. Western av, Chicago, Ill.  
 Jennings, Martin, & Bros., contractors, 902 E. Triggs av, Memphis, Tenn.  
 Jennings Pump Dredge Co., centrifugal pumps with adjustable liners, 305 N. Michigan av, Chicago, Ill. (Going to move.)  
 Jennings, R. J., Yarn Clearing Machine Co., Elmira, N. Y.  
 Jennings & Ross Co., contractors, ft. Erie, Milwaukee, Wis.  
 Jennings-Russell Mfg. Co., machsts. & fndrs., augers & mach. bits, Chester, Conn.  
 Jennings, S. P., & Sons, wood handles, New Castle, Ind.  
 Jennings Silver Co., Irvington, N. J.  
 Jennings, W. G., & Sons, brick, Greensboro, N. C.  
 Jennings, W. J., Co., flour, Appleton, Minn.  
 Jennings & Welstead Corp., contractors, 237 W. 50th, New York.  
 Jennison Hardware Co., mill & facty. supplies, 901 N. Water, Bay City, Mich.  
 Jennison, O. M., lbr., Peacham, Vt.  
 Jennison, W. J., Co., flour, 922 Flour Exch., Minneapolis, Minn.  
 Jennison-Wright Co., flooring blocks, wood, 2461 Broadway, Toledo, Ohio.  
 Jennrich, Anton, architect, 1023 Davis, Milwaukee, Wis.  
 Jensen Bros., contractors, Council Bluffs, Ia.  
 Jensen, C. E., cornices, 3331 W. North av, Chicago, Ill.  
 Jensen Construction Co., Fort Dodge, Ia.  
 Jensen Creamery Machinery Co., Eastern office, 13th & Boulevard, Long Island City, N. Y.; Western office, 2nd & Oak, Oakland, Cal.  
 Jensen, Emil, contractor, Kenosha, Wis.  
 Jensen, G. P. W., contractor, 320 Market, San Francisco, Cal.  
 Jensen, J. C., & Co., contractors, 7022 St. Lawrence av, Chicago, Ill.  
 Jensen, J. Chris., architect, Council Bluffs, Ia.  
 Jensen, Jens K., architect, Perth Amboy, N. J.  
 Jensen-King-Byrd Co., mill & facty. supplies, whol. hdwe., Spokane, Wash.  
 Jensen & Krage, contractors, Sioux City, Ia.  
 Jensen, P. C., mach. & fndr., Central City, Neb.  
 Jensen & Steenhill, contractors, 105 S. Dearborn, Chicago, Ill.  
 Jensen, Louis, contractor, Lincoln, Neb.  
 Jensen Trunk Fcty., 815 Wyandotte, Kansas City, Mo.  
 Jeppener, Paul, molds, models & experimental wks., 114 Center, New York.  
 Jeysen, Geo. L., & Son, contractors, West Newton, Mass.  
 Jerald, S. E., Sulky Co., carriages, Waterloo, Ia.  
 Jeremiah Woodring Co., whol. hdwe., Hazelton, Pa.  
 Jergens, Andrew, Co., hand soap, 599 Broadway, New York.  
 Jergens, Andsen, Co., soap mfrs., Spring Grove av, Cincinnati, O.  
 Jerguson Gage & Valve Co., machsts. & fndrs., 88 Broad, Boston, Mass.  
 Jerns, Nicholas, lumber, Bellingham, Wash.  
 Jerome, Edgar, contractor, Rockville, Ind.  
 Jerome-Edwards Metallic Packing Co., 80 E. Jackson blvd., Chicago, Ill.  
 Jerome, Hy., carriage rims, Worcester, Mass.  
 Jerome Paper Co., toilet paper, 314 W. 53d, New York.  
 Jersemann, Max, jewelry cases, 105 Maiden la, New York.  
 Jersey, Albert, canned goods, Belcamp, Md.  
 Jersey Button Wks., 345 W. 40th, New York.  
 Jersey City Galvanizing Co., pipe straps, iron & steel roofing & ventilator mfrs., 112 John, New York.  
 Jersey City Machine Co., shell tools, chucks, mandrels, etc., 113 Plymouth, Jersey City, N. J.  
 Jersey City Supply Co., plumbers', mill & facty. supplies—jobbers, 12 Mercer, Jersey City, N. J.  
 Jersey Oil Mill Co., Jersey, Ga.  
 Jerslid Knitting Co., sweaters, cardigans, etc., Neenah, Wis.



- Jervis Foundry & Machine Co., Decatur, Ala.  
 Jervis Lbr. Co., Decatur, Ala.  
 Jeschke Mfg. Co., machinist & founder, agric'l implments, Bellevue, Ohio.  
 Jeske, Gust. J., & Son., bldg. contr., 1089 Richards, Milwaukee, Wis.  
 Jeske, R., & Bro. Co., cornices, metal doors, 119 Reservoir av, Milwaukee, Wis.  
 Jespersion, C. M., contractor, Omaha, Neb.  
 Jess & Sturdy, carriages, Springfield, Mo.  
 Jesse, August, machinist, Stillwater, Minn.  
 Jesseman Granite Co., North Haverhill, N. H.  
 Jesson, Jno. B., machsts., 424 Vine, Philadelphia, Pa.  
 Jessop Steel Co., iron rolling mills, Washington, Pa.  
 Jessop, Wm., & Sons, Inc., steel, 81 John, New York.  
*See adv index at end of book.*  
 Jessup & Moore Paper Co., Commercial Trust Bldg., Phila., Pa.  
 Jeter, A. H., & Co., cornices & skylights, 91 Webster av, Long Island City, N. Y.  
 Jett Bros. Distilling Co., Carrollton, Ky.  
 Jetter & Co., machsts., 861 Jefferson, Buffalo, N. Y.  
 Jewel Cut Glass Co., 200 5th av, New York.  
 Jewel Elec. Co., 112 N. 5th av, Chicago, Ill.  
 Jewel Engng. Co., Monadnock Bldg., Chicago, Ill.  
 Jewel Mfg. Co., metal polish, wall paper cleaners, etc., 2863 W. 22d, Chicago, Ill.  
 Jewel Supply & Equipment Co., mill & facty. supplies, whol. hdwe., 34 S. Calvert, Baltimore, Md.  
 Jewel Vacuum Cleaner Co., 226 N. Jefferson, Chicago, Ill.  
 Jewelers' Circular, trade publication, 11 John, New York.  
 Jewelers' Technical Advice Co., jewelers' & refiners' platinum melting outfits, 14 John, New York.  
 Jewell Belting Co., Hartford, Conn.  
 Jewell & Co., plain envelopes, 1302 Filbert, Philadelphia, Pa.  
 Jewell Electric Co., electrical controller mfrs., Munsey Bldg., Baltimore, Md.  
 Jewell Electrical Instrument Co., ammeters & voltmeters, 810 West Lake, Chicago, Ill.  
 Jewell & Jewell, contractors, Prov. Bk. Bldg., Cincinnati, Ohio.  
 Jewell-Loudermilk Co., Gainesville, Ga.  
 Jewell Mfg. Co., heat regulators, etc., Auburn, N. Y.  
 Jewell Steel & Malleable Co., Buffalo, N. Y.  
 Jewell Supply & Equipment Co., contractors' tools & supplies, dealers, 34 S. Calvert, Baltimore, Md.  
 Jewell Water Improvement Co., 9 S. Clinton, Chicago, Ill.  
 Jewett, A. B., architect, Durant, Okla.  
 Jewett Car Co., Newark, Ohio.  
 Jewett & Co., machsts., Buffalo, N. Y.  
 Jewett Cornice & Roofing Co., San Antonio, Texas.  
 Jewett, E. C., granite, Whitefield, Me.  
 Jewett, G. S., & F. E., canned goods, Norridgewock, Me.  
 Jewett, Geo. H., Co., auto. wood bodies, Worcester, Mass.  
 Jewett, Grace, architect, 58 Sutter, San Francisco, Cal.  
 Jewett Lumber Co., Des Moines, Ia.  
 Jewett Piano Co., Leominster, Mass.  
 Jewett Refrigerator Co., Buffalo, N. Y.  
 Jewett & Sowers Oil Co., 20 W. Jackson blvd, Chicago, Ill.  
 Jewett Stamping & Enameling Co., Jewett, Ohio.  
 Jewett Typewriter Co., Des Moines, Ia.  
 Jewettville Brick Co., Builders' Exchange, Buffalo, N. Y.  
 Jewkes, Jos., & Sons, contractors, 676 Montgomery, Jersey City, N. J.  
 Jex Lumber Co., Spanish Fork, Utah.  
 J. H. M. Constr. Co., 54 Maiden la, New York.  
 Jidas, J. D., Bros. & Co., soap powders, 906 W. North av, Chicago, Ill.  
 Jiffy Fire Hose Rack Co., hose nipples, reels & drain boxes, 727 7th av, New York.  
 Jiffy Jack Mfg. Co., 1104 Prospect av, Cleveland, Ohio.  
 Jiles, Jas., Co., masons' & bldrs.' matls., Stayton, Pittsburgh, Pa.  
 Joannes, Francis Y., architect, 52 Vanderbilt av, New York.  
 Job, Fred'k. watchmakers' & jewelers' tools, Wilkes-Barre, Pa.  
 Jobbins, Wm. F., chemicals, Aurora, Ill.  
 Jobbers' Mfg. Co., belt dressing, 327 S. La Salle, Chicago, Ill.  
 Jobs, Emmor W., machsts., Minerva, Ohio.  
 Jobson, C. Frank, architect, Pullman Bldg., Chicago, Ill.  
 Jobson-Gifford Co., steel struct. wk., 30 E. 42d, New York.  
 Jobst, B. J., contractor, Paxton Bldg., Omaha, Neb.  
 Jobst, Jacob J., contr., Peoria, Ill.  
 Jobst, V., & Sons, contrs., Peoria, Ill.  
 Jobst, Valentine, architect, 511 N. Madison, Peoria, Ill.  
 Jochim, J. W., Hardware Co. (Ltd.), cornices & skylights, Ishpeming, Mich.  
 Joerns Bros. Mfg. Co., sewing cabinets, Exposition Bldg., St. Paul, Minn.  
 Joesting & Schilling Co., hotel supplies, 379 Sibley, St. Paul, Minn.  
 Jogerst, Jos. J., architect, Kresge Bldg., Detroit, Mich.  
 Johannes, H. J., Pickling Co., canned goods, Clintonville, Wis.  
 Johannesburg Mfg. Co., lumber, Johannesburg, Mich.  
 Johannesen Mfg. Co., bank fixtures, Erie, Pa.  
 Johanning, Chas., cornices, Richmond, Ind.  
 Johannsen, Henry H., architect, Orangeburg, S. C.  
 Johansen, A. B., Mill Co. (Ltd.), machsts., Honolulu, Hawaii.  
 Johanson, A., & Co., arch. iron, 529 Dorchester av, Boston, Mass.  
 Johns Hopkins Univ. Dept. of Engng., engng. schools & coll., Baltimore, Md.  
 John, J. T., Co., fertilizer, N. C.  
 John, R. H., trunks, Galveston, Tex.  
 John Mfg. Co., paper cups, Springfield, Ohio.  
 Johnetta Fndry. & Mach. Co., Marianna, Pa.  
 Johns Bros. Milling Co., flour, Henshaw, Ky.  
 Johns & Brown Co., sash, door & blind mfrs., Aurora, Ill.  
 Johns H. W.-Manville Co., paper & pulp mills, enclosed fuses, Madison av & 41st, New York.  
 John's Hanger Mfg. Co., hdwe. mfrs., 709 Harrison, San Francisco, Cal.  
 Johns-Pratt Co., fuse insulators & packing mfrs., Hartford, Conn.  
 Johns, S. P., & Sons, masons' & bldrs.' matls., Sedalia, Mo.  
 John's Stamping & Machine Works Co. (The), punches, dies, models & experimental work, Columbur rd, Cleveland, Ohio.  
*See adv index at end of book.*  
 Johnson, A. A., cornices, Altoona, Pa.  
 Johnson, A. H., architect, Tampa, Fla.  
 Johnson, A., & Sons, brick, Mediapolis, Ia.  
 Johnson, A. V., & Co., contractors, 1123 B'way, New York.  
 Johnson, A. W., flour mills, Dolphin & Gate City, Va.  
 Johnson, Albert, & Co., bank fix., E. Boston, Mass.  
 Johnson, Alfred, & Son, contractors, Boston, Mass.  
 Johnson, Algot, contractor, Burlington, Ia.  
 Johnson-Anderson Co., contractors, Commercial Bldg., Portland, Ore.  
 Johnson, August N., machsts. & fdrs., Manistee, Mich.  
 Johnson Automatic Sealer Co. (Ltd.), machsts., Battle Creek, Mich.  
 Johnson, B. J., Soap Co., 42 4th, Milwaukee, Wis.  
 Johnson, B., & Son, contractors, Richmond, Ind.  
 Johnson & Bassett, textile machy., Worcester, Mass.  
 Johnson Belt'g Co., mfrs., 342 E. 38th, New York.  
 Johnson & Berntson, sash, door & blind mfrs., Corona, N. Y.  
 Johnson Bros., cornices & skylights, 4 Industry, Pittsburgh, Pa.  
 Johnson Bros. Co., mill & facty. supplis, who. hdwe., Bath, Me.  
 Johnson Bros. Motor Co., machsts., Terre Haute, Ind.  
 Johnson & Briggs, ties, poles & posts, Mutual Bldg., Richmond, Va.  
 Johnson Bronze Co., car trimmings, castings, etc., New Castle, Pa.  
 Johnson & Burns, architects, 26 State, Hartford, Conn.  
 Johnson, C. A., & Co., cloth folding machs., 55 Pine, Providence, R. I.  
 Johnson, C. H., sashes, doors & blinds, Burton, O.  
 Johnson, C. L. Mfg. Co., machsts., 48 E. 3d, St. Paul, Minn.  
 Johnson, C. J., contractor, Railway Exch. Bldg., Seattle, Wash.  
 Johnson, C. O., stone, Salt Lake City, Utah.  
 Johnson, C., Upholstering Co., Youngstown, Ohio.  
 Johnson, C. W., shoes, Natick, Mass.  
 Johnson, Carey & Helmers Co., contractors, Metropolitan Bldg., St. Paul, Minn.  
 Johnson, Carl P., architect, 30 E. 42d, New York.  
 Johnson & Carlson, wood tanks, 848 Eastman, Chicago, Ill.  
 Johnson-Carlson Cut Glass Co., 30 E. Randolph, Chicago, Ill.  
 Johnson Carlyle Machine Co., friction & gas engine clutches, marine gears, etc., Manchester, Conn.  
 Johnson Carriage Co., shaft ends, 53 Baltimore, Detroit, Mich.  
 Johnson, Chas. E., & Co., color mfrs., 509 S. 10th, Phila., Pa.  
 Johnson, Chas. Eneu, & Co., print'g, lithographic varnishes, 410 Pearl, New York.  
 Johnson, Chas. H., shoe counters, Lynn, Mass.  
 Johnson, Chas. H., Co., cornices, Jacksonville, Fla.  
 Johnson, Chas. Hdwe. Co., Peoria, Ill.  
 Johnson, Chas. O., contractor, 240 10th av, 240 10th av, New York.  
 Johnson, Chas., & Son, arch'l iron, 320 W. Grand, Chicago, Ill.  
 Johnson, Chris., & Son, contractors, Oshkosh, Wis.  
 Johnson City Boiler & Tank Co., Johnson City, Tenn.  
 Johnson, Clarence H., architect, Cap. Bk. Bldg., St. Paul, Minn.  
 Johnson Coin Counting Mach. Co., 239 4th av, New York.  
 Johnson & Co., hgt. contrs., 1477 Flatbush av, B'klyn, N. Y.  
 Johnson & Co., buckwheat flour, Franklin, Pa.  
 Johnson Compound & Supply Co., Rochester, N. Y.  
 Johnson & Crowley, printers' machinists, 182 Centre, New York.  
 Johnson, D. E., Co., stencils, steel stamps, etc., 140 William, New York.  
 Johnson-Danforth Co., carriages, Omaha, Neb.  
 Johnson & De Lano, contrs., 3231 Harrison, Kansas City, Mo.  
 Johnson & Dryden, canned goods, Pocomoke City, Md.  
 Johnson, E. E., pump sockets; well screens, etc., St. Paul, Minn.  
 Johnson, E. F., machsts, Kalkaska, Mich.  
 Johnson, E. G., Co., contractors, Portland, Me.  
 Johnson, E. J., Inc., slate, 19 W. 44th, New York.  
 Johnson, E. J., Quarrying Co., Poultney, Vt.  
 Johnson, E. P. Piano Co., Ottawa, Ill.  
 Johnson, E. P., Rule Mfg. Co., 565 Wash. Blvd., Chicago, Ill.  
 Johnson, E. S., & Co., bldg. contrs., Mt. Bldg., St. Paul, Minn.  
 Johnson Educator Food Co., 40 Broad, Boston, Mass.  
 Johnson Elec. Washer Co., clothes washing machines, 2074 market, San Francisco, Cal.  
 Johnson, Elmer C., Co., who. & retail plate glass, Evansville, Ind.  
 Johnson Engng. Wks., 38 S. Dearborn, Chicago, Ill.  
 Johnson, Ezra, Novelty Co., advtg. nov., Newman, Ga.



- Johnson, F., & Co., contractors, 1943 N. Cal. av, Chicago, Ill.  
 Johnson, F. E., architect, Superior, Wis.  
 Johnson, F. J., & Co., bgt. contrs., 4187 Park av, New York.  
 Johnson, F. S., Co., harness saddle & strap mfrs., 576 Howard, San Francisco, Cal.  
 Johnson Fare Box Co., 236 S. Robey, Chicago, Ill.  
 Johnson & Field Mfg. Co., agric. implement mfrs., cleaners, separators, etc., Racine, Wis.  
 Johnson-Portnum mehsts. & fndrs., Berlin, Wis.  
 Johnson Foundry & Machine Shops, Madison, Ind.  
 Johnson Fdry. & Mach. Wks., Los Angeles, Cal.  
 Johnson, Frank, bldg. contr., Duluth, Minn.  
 Johnson, Frank A., brick, 5008 N. Lyndale av, Minneapolis, Minn.  
 Johnson, Frank H., steel & iron mercht., 208 South La Salle, Chicago, Ill.  
 Johnson, Frank L., & Co., contractors, Duluth, Minn.  
 Johnson, Fred, architect, 46 Prospect av, Flushing, N. Y.  
 Johnson, Fred R., contractor, 179 Kenilworth, Detroit, Mich.  
 Johnson, G. A., & Son, contractors, 1335 N. Clark, Chicago, Ill.  
 Johnson Gas Appliance Co., Cedar Rapids, Ia.  
 Johnson Gear Co., 735 Folsom, San Francisco, Cal.  
 Johnson, Geo. H., architect, Citizens Bldg., Cleveland, Ohio.  
 Johnson, Geo. T., & Co., scrap iron & steel, Widener Bldg., Philadelphia, Pa.  
 Johnson, Geo. T. Co., toilet paper, 76 Batterymarch, Boston, Mass.  
 Johnson, Geo. W., Limestone Co., New Castle, Pa.  
 Johnson, Geo. W. Mfg. Co., doors—elevator, fireproof, etc., 1210 S. 8th, St. Louis, Mo. & Kansas City, Mo.  
 Johnson, Grafton, canned goods, Greenwood, Ind.  
 Johnson Granite Co., Lithonia, Ga. & Montpelier, Vt.  
 Johnson-Greenleaf Lumber Co., Norfolk, Va.  
 Johnson, Greenleaf & Son, lumber mfrs., Marine Bk. Bldg., Baltimore, Md.  
 Johnson & Gustafson, granite, Barre, Vt.  
 Johnson, H., architect, Farrell, Pa.  
 Johnson, H., Co., mill & factory supplies, ft. Gates av, Jersey City, N. J.  
 Johnson, H. F., & Sons, cornices, Kingston, Pa.  
 Johnson, H. S., sashes, doors & blinds, 18th av, N. E., & Marshall, Minneapolis, Minn.  
 Johnson, H. S., Co., meat packers, Pawtucket, R. I.  
 Johnson Hardware Co., Lafayette, Ind.  
 Johnson Hardware & Implement Co., Greenville, Ala.  
 Johnson Heat Regulating Co., 106 N. 10th, St. Louis, Mo.  
 Johnson, Henry, Co., mill & factory supplies, ft. Gates av, Jersey City, N. J.  
 Johnson, Henry Hall, architect, Great Falls, Mont.  
 Johnson, Henry Hall, & Co., architects, Henry Bldg., Seattle, Wash.  
 Johnson & Hibbard, auto. wood bodies, trucks, etc., Westfield, Mass.  
 Johnson & Holloway, architects, State Life Bldg., Indianapolis, Ind.  
 Johnson, I. M., Co., architects, 3245 22d av, S., Minneapolis, Minn.  
 Johnson Ice Co., masons & bldrs.' matls., Jamestown, N. Y.  
 Johnson Iron Works, Ltd., Morgan & Sequin, New Orleans, La.  
 Johnson, Isaacs G., & Co., malleable iron & steel castings, railway track drills, Spuyten Duyvil, New York.  
 Johnson, Israel H., Jr., Co., machsts., 337 N. 15th, Phila., Pa.  
 Johnson, J. A., cornices, Middletown, Ohio.  
 Johnson, J. A., & Co., contractors, 115 S. 6th, Minneapolis, Minn.  
 Johnson, J. D., Co., machsts. & fndrs., Hainesport, N. J.  
 Johnson, J. F., contractor, Denton, Tex.  
 Johnson, J. G., Co., masons' & bldrs.' matls., Manitowoc, Wis.  
 Johnson, J. H., architect, Sumter, S. C.  
 Johnson, J. Henry, architect, 95 State, Albany, N. Y.  
 Johnson, J. R., & Co., car axles, Richmond, Va.  
 Johnson, J. T., mill & facty. supplies, who. hdwre., Kingston, N. Y.  
 Johnson, J. T., & Co., architects, State Life Bldg., Indiana, Ind.  
 Johnson, Joel, contractor, 110 Jessie, San Francisco, Cal.  
 Johnson, John, lumber, Monroe, Wash.  
 Johnson, Jno. & Co., tin plate, etc., 311 W. Lake, Chicago, Ill.  
 Johnson, John, Co., miners, pumps, hydraulic presses, etc., 37th & 2d av, Brooklyn, N. Y.  
 Johnson, Jno., Co., tarpaulins, wagon covers, etc., Detroit, Mich.  
 Johnson, John H., contractor, 1142 S. Michigan, Chicago, Ill.  
 Johnson, Jno. L., sash, door & blind mfr., 4250 Lincoln av, Chicago, Ill.  
 Johnson, John S., & Son, agricultural implements, Waukon, Ia.  
 Johnson, John W., granite, Burlington, Vt.  
 Johnson & Johnson, auto. tops, 422 E. Saratoga, Baltimore, Md.  
 Johnson & Johnson, rubber goods, medicine cabinets, etc., New Brunswick, N. J.  
 Johnson, Jos. B., mach. dealer, Tampa, Fla.  
 Johnson, Kirk, & Co., pianos, Lebanon, Pa.  
 Johnson, L. H., contractor, 968 Laurel av, Minneapolis, Minn.  
 Johnson, L. S., Co., lumber, 414 Albany, Boston, Mass.  
 Johnson, L. W., machy dealer, Lake City, Fla.  
 Johnson & Larson, contractors, Sioux City, Ia.  
 Johnson, Lawrence, & Co., crude rubber, 209 S. 3d, Phila., Pa.  
 Johnson Lthr. Co., decorative art lthrs., 43 W. 16th, New York.  
 Johnson, Lindley, architect, Harrison Bldg., Philadelphia, Pa.  
 Johnson, Louis, lumber, Bayou Chicot, La.  
 Johnson Lumber Co., Erie, Pa.  
 Johnson Lumber Co., 1st Nat'l Bk. Bldg., Milwaukee, Wis.  
 Johnson Lumber Co., masons & bldrs.' matls., Kewanee, Ill.  
 Johnson, M. B., lumber, Graham, Ga.  
 Johnson, M. H., Jr., architect, Brazil, Ind.  
 Johnson, M. L., & Sons, sashes, doors & blinds, 1311 Yale av, S. E., Minneapolis, Minn.  
 Johnson, M. M., Co., cornices & skylights; incubators & brooders, Colton, Cal. & Clay Centre, Neb.  
 Johnson-Mandeville Co., mill & facty. supplies, 496 Broad, Newark, N. J.  
 Johnson Mfg. Co., asparagus bunchers, 103 N. Front, Philadelphia, Pa.  
 Johnson & Mayer, architects, Commercial Club Bldg., Portland, Ore.  
 Johnson & Morris, steam & hot water heating contractors, 538 W. 23d, New York.  
 Johnson, Meier, fndr., 153 Wendell, Chicago, Ill.  
 Johnson & Miller, architects, 105 S. 7th, Terre Haute, Ind.  
 Johnson-Morehouse & Dickey Co., mill & facty. supplies, 106 Market, Ptg., Pa.  
 Johnson-Morse Can Co., tin can mfrs., 480 Eoff, Wheeling, W. Va.  
 Johnson, Nestor, Mfg. Co., ice skates, 1237 N. Cal. av, Chicago, Ill.  
 Johnson, O., cornices, 1002 W. Randolph, Chicago, Ill.  
 Johnson, O. C., architect, Butler, Pa.  
 Johnson, O. D., Stamping Wks., Batavia, N. Y.  
 Johnson, Ole, Sons, Co., machsts., Milwaukee, Wis.  
 Johnson, Oliver & Co., plate glass, paint, 24 Custom House, Providence, R. I.  
 Johnson, Oscar, architect, 3410 Sheffield av, Chicago, Ill.  
 Johnson, Otto, bldg. contr., Duluth, Minn.  
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 Johnson, Paul S., can filling machs., 1906 E. 93d, Cleveland, O.  
 Johnson, Peter, tubular boilers, Thief River Falls, Minn.  
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 Johnson, Peter, & Sons, mill & facty. supplies, Decorah, Ia.  
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- Johnston, Clarence H., architect, Capital Bk. Bldg., St. Paul, Minn.
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- Johnston, Frederick G., machsts., 74 State, Detroit, Mich.
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J. R. Baker & Sons Co., machsts. & fndrs. (specialty mfrs.), Kendallville, Ind.  
 Jubilee Mfg. Co., machsts. & fndrs., Omaha, Neb.  
 Judah, E. H., & Co., paint mfrs., 2200 Santa Fe av, Los Angeles, Cal.  
 Judd, A. F., architect, 141 E. Federal, Youngstown, Ohio.  
 Judd, B. F., masons' & bldrs.' matls., Bristol, Conn.  
 Judd, Burritt, contractor, South Hadley Falls, Mass.  
 Judd, H. L., Co., binding, hooks, poles, tassels, hdwe. mfrf., etc., 87 Chambers, New York.  
 Judd & Leland Mfg. Co., leather cups, pumps, etc., Clifton Springs, N. Y.  
 Judd Paper Co., tablets & pads, Holyoke, Mass.  
 Judd, R. D., hdwe. mfrs., New Britain, Conn.  
 Judd, Walter S., granite, Swanton, Vt.  
 Judd, Wm. F., masons' & bldrs.' matls., Dowagiac, Mich.  
 Judelson, Oscar I., machsts., 36 E. 8th, New York.  
 Judevins, A. & H., contractors, Baraboo, Wis.  
 Judge, Harry W., machsts., Nutria al, Brooklyn, N. Y.  
 Judkins, J. B., Co., auto. metal bodies, carriages, Merrimac, Mass.  
 Judlin, Peter, masons' & bldrs.' matls., 2331 N. Rampart, New Orleans, La.  
 Judson, C. P., & Co., mill & facty. supplies, Big Rapids, Mich.  
 Judson, Carl A., rubber horse shoe pads., 214 W. Erie, Chicago, Ill.  
 Judson Cutlery Co., oil cloth knives, 41 Union Sq, New York.  
 Judson Governor Co., Browns Race, Rochester, N. Y.  
 Judson Mfg. Co., whol. hdwe., 819 Folsom, San Francisco, Cal.  
 Judson, P. O., linoleum mfrs., 230 5th av, New York.  
 Judson, W. H., architect, 1121 Washington, Oakland, Cal.  
 Judson & Williams, machsts. & fndrs., Holyoke, Mass.  
 Judy & Cook, common brick, Mackinaw, Ill.  
 Juelson, Edwin, architect, Williston, N. D.  
 Juengst, Geo., & Son, machsts., Croton Falls, N. Y.  
 Julian Milling Co., flour, Julian, N. C.  
 Julian, V. S. & R. E., architects, 576 N. High, Columbus, Ohio.  
 Julian, W. A., Co., cornices & skylights, Tucson, Ariz.  
 Julianelle & Abramowitz, architects, 42 Church, New Haven, Conn.  
 Julian, Jas., stone producers, Madisonville, Ohio.  
 Jumbo Plaster & Cement Co., Sigurd, Utah.  
 Jump, G. L., canned goods, Queen Anne, Md.  
 Jump House Wrecking Co., 45 W. 34th New York.  
 Junction City Mfg. Co., coffins, caskets, Junction City, Ga.  
 Junction City Sewer Pipe Co., Junction City, Ohio.  
 June, D., Machinery Co., Waco, Tex.  
 Jung Carriage Co., Sheboygan, Wis.  
 Jung, Fred'k., contractor, Evergreen av, Brooklyn, N. Y.  
 Jungblatt, Aug., Co., pool tables, 833 Fillmore, San Francisco, Cal.  
 Junglaus, W. P., Co., contractors, 827 Mass. av, Indianapolis, Ind.  
 Jungers Stove & Range Co., Grafton, Wis.  
 Junior Monarch Hay Press Co., San Leandro, Cal.  
 Junkune Bros., padlock locks, W. 76th & Wallace, Chicago, Ill.  
 Junod, P., & Co., fishing tackle mfrs., Celina, Ohio.  
 Jurak, Chas., patterns & models, cut gears, etc., 201 Oregon, Milwaukee, Wis.  
 Jurras Granite Co., Montpelier, Vt.  
 Jury, A. C., contractors, Bloomsburg, Pa.  
 Jury, W. U., architect, Shamokin, Pa.  
 Just, Geo. A., Co., contractors, 239 Vernon av, Long Island City, N. Y.  
 Justice, A. R., Co., metal polish, 612 Chestnut, Philadelphia, Pa.  
 Justice Coal & Lime Co., masons' & bldrs.' matls., Camden, N. J.  
 Justice, F. T., & Co., masons' & bldrs.' matls., Lexington, Ky.  
 Justice, J. H., flour mills, Hillsboro, Tenn.  
 Justice, Philip S., & Co., jacks, hammers, etc., 421 Chestnut, Philadelphia, Pa.  
 Justin Mill & Elevator Co., flour, Justin, Tex.  
 Justis & Butler Canning Co., So. Richmond, Va.  
 Justis, J. G., Co., masons' & bldrs.' matls., Newport, Del.  
 Justrite Mfg. Co., cans, fire extinguishers, lamps, 2061 Southport av, Chicago, Ill.  
 Justus Plumbing & Heating Co., Massillon, Ohio.  
 Juul & Sixta, architects, Manitowoc, Wis.  
 Juvenile Vehicle Mfg. Co., 3401 S. Hoyne av, Chicago, Ill.  
 Jyrch, Karl E., architect, 1916 Fulton, Chicago, Ill.

Kaaz Mfg. Co., sashes, doors & blinds, Atchison, Kans.  
 Kablitz-Kahn Co., scrap iron & steel, 2374 Canal rd, Cleveland, Ohio.  
 Kadel, L. J., cornices & skylights, Nashville, Tenn.  
 Kadow, Stanley F., architect, 988 Kinnickinnic av, Milwaukee, Wis.  
 Kaehle Stone Co., 6 Hamilton, New Haven, Conn.  
 Kaestner, August J., carriages, 412 Cedar, Milwaukee, Wis.  
 Kaestner & Hecht Co., machsts., brewers' & malsters' machy., agric'l implements, etc., 500 Throop, Chicago, Ill.  
 Kafoff, Otto H., architect, 254 Elizabeth, E., Detroit, Mich.  
 Kagel Bros., fndrs., 1208 St. Paul, Milwaukee, Wis.  
 Kahan, S., archl. iron, 122 Newton, Brooklyn, N. Y.  
 Kahl, Fredk., machsts., 382 E. Gd. blvd., Detroit, Mich.  
 Kahl-Holt Co., tin plate, metals, etc., 111 S. Charles, Baltimore, Md.

Kahl Iron Foundry, gray iron castings, 537 Atwater, E. Detroit, Mich.  
 Kahl Pattern Wks., Detroit, Mich.  
 Kahle, Wm., jwlry. cases, 65 Franklin, Boston, Mass.  
 Kahlenberg Bros. Co., engines (gas & gasoline), Twin Rivers, Wis.  
 Kahler Co., automobile dashes, New Albany, Ind.  
 Kahn, A., masons' & bldrs.' matls., Petaluma, Cal.  
 Kahn, Albert, architect, 58 Lafayette blvd., Detroit, Mich.  
 Kahn Bros., old metal, smelters & refiners, 785 Humboldt, Brooklyn, N. Y.  
 Kahn, Ely Jacques, architect, 381 4th av, New York.  
 Kahn, Jacques, wholesale window & plate glass, 533 W. 37th, New York.  
 Kahn, Leopold, & Co., paint mfrs., Philadelphia, Pa.  
 Kahn Mfg. Co., machsts., 598 Clinton, Milwaukee, Wis.  
 Kahn, Sam, brick, Blakeley, Minn.  
 Kahn's, E., Sons & Co., meat packers, 517 Livingston, Cincinnati, Ohio.  
 Kahnweiler's David, Sons, life boats, fenders, hooks, etc., 260 Front, New York.  
 Kahrs, G. W., architect, Long Beach, Cal.  
 Kallen, M., & Son, soap, Madison, Wis.  
 Kain, C. H., architect, Arcade Bldg., Harrisburg, Pa.  
 Kain, Jas. R., contractor, Mount Vernon, N. Y.  
 Kaiser, Chas. S., architect, Mech. Inst. Bldg., San Francisco, Cal.  
 Kaiser, F. C., & Son, mach. knives, Muncie, Ind.  
 Kaiser, Geo. J., tin cans & canisters, 194 Duane, New York.  
 Kaiser, H., Buggy Co., Kenton, Ohio.  
 Kaiser, Jacob, Mfg. Co., 3d & Elm, St. Louis, Mo.  
 Kaiser, John, & Bros. Co., contractors, Elyria, Ohio.  
 Kaiser, Jno. H., Lbr. Co., Eau Claire, Wis.  
 Kaiser Knitt'g Wks., sweaters, cardigans, etc., 260 Stone av, Brooklyn, N. Y.  
 Kaiser Mfg. Co., ash, garbage & waste cans, 245 Pearl, New York.  
 Kaiser, Wm. P., architect, 313 Carondelet, New Orleans, La.  
 Kaiserman Shade Roller Co., Kankakee, Ill.  
 Kalamazo Folding Canvas Boat Co., Kalamazoo, Mich.  
 Kalamazoo Fdry. & Mach. Co., Kalamazoo, Mich.  
 Kalamazoo Loose Leaf Binder Co., loose leaf devices, 314 N. Kalamazoo, Kalamazoo, Mich.  
 Kalamazoo Mach. & Tool Co., Kalamazoo, Mich.  
 Kalamazoo Malleable Iron Co., Kalamazoo, Mich.  
 Kalamazoo Paper Co., Kalamazoo, Mich.  
 Kalamazoo Plating Wks., Kalamazoo, Mich.  
 Kalamazoo Ry. Supply Co., machsts. & fndrs., Kalamazoo, Mich.  
 Kalamazoo Rendering & Fertilizer Co., Kalamazoo, Mich.  
 Kalamazoo Sheet Metal Mfg. Co., Kalamazoo, Mich.  
 Kalamazoo Sled Co., Kalamazoo, Mich.  
 Kalamazoo Soap Co., Kalamazoo, Mich.  
 Kalamazoo Specialty Co., lawn clothes dryers, Kalamazoo, Mich.  
 Kalamazoo Spring & Axle Co., Kalamazoo, Mich.  
 Kalamazoo Stationery Co., pads & tablets, Kalamazoo, Mich.  
 Kalamazoo Steel Goods Co., 412 E. Runson, Kalamazoo, Mich.  
 Kalamazoo Stove Co., Kalamazoo, Mich.  
 Kalamazoo Tank & Silo Co., Harrison & M. C. R. R., Kalamazoo, Mich.  
 Kalamazoo Vegetable Parchment Co., paper & pulp mills, Kalamazoo, Mich.  
 Kalamein Co., kalameined doors & windows, 10th, Long Island City, N. Y.  
 Kalb & McCauley, contractors, Atlanta, Ga.  
 Kalbach Lumber Co., Oskaloosa, Ia.  
 Kalbert, Adolph, & Son, cornices & skylights, 170 E. 3d, New York.  
 Kalbfleisch, Franklin H., Co., battery chemicals, acids, aniline colors, etc. B'way & 16th, New York.  
 Kalbfleisch Supply Co., mill & facty. supplies, Watertown, N. Y.  
 Kalbfleisch, Theo. F., mill & facty. supplies, Glens Falls, N. Y.  
 Kalbitzer Packing Co., meat packers, Wheeling, W. Va.  
 Kaldenberg Trad'g. Co., billiard & pool balls, ivory impts., etc., 433 Broome, New York.  
 Kale Canning Co., Everson, Wash.  
 Kalchbrenner, John, contractor, 133 W. Washington, Chicago, Ill.  
 Kalem Co., films, 235 W. 23d, New York.  
 Kales-Haskel Co., auto. horns, conduit hangers, washers, etc., 443 Lafayette, W. Detroit, Mich.  
 Kale Mfg. Co., chemicals, 1406 N. Front, Philadelphia, Pa.  
 Kalispell Lbr. Co., Kalispell, Mont.  
 Kalispell Mercantile Co., wholesale hdwe. & mill & facty. supplies, Kalispell, Mont.  
 Kalle Color & Chem. Co., mfrs. & imp. of indigo, dyes & dye-stuffs, 530 Canal, New York.  
 Kallich & Lubroth, architects, 215 Montague, Brooklyn, N. Y.  
 Kallmeren & Baer, masons' & bldrs.' matls., Mansfield, Ohio.  
 Kalman, Jos., & Son, cornices, 361 Chelsea, E. B., Boston, Mass.  
 Kalmath River Packers Ass'n, canned goods, Requa, Cal.  
 Kalo Brick & Tile Co., Fort Dodge, Ia.  
 Kalor, Fred. N. H., architect, Plattsburgh, N. Y.  
 Kalsa, Rudolph, elec. & gas light fixtures, 2320 S. Kedzie av, Chicago, Ill.  
 Kalsch, John, architect, 5400 Euclid av, Cleveland, Ohio.  
 Kalt Lbr. Co., lbr. mfrs., 314 E. 64th, New York.  
 Kaltenbach & Griess, steel struct. wk., Chamber of Commerce Bldg., Cleveland, Ohio.



- Kaltenthaler, H. J., machsts., 234 Cherry, Philadelphia, Pa.  
 Kalter & Rolnick Iron Wks., 415 Dumont av, Brooklyn, N. Y.  
 Kamargo Supply Co., mill & facty. supplies, Watertown, N. Y.  
 Kameron, Andrew, contrs., Harrisburg, Pa.  
 Kameron, I., plumbers' & steam fitters' supplies, 1660 Park av, New York.  
 Kaminis, Arthur, mach. & fndr., Tarpon Springs, Fla.  
 Kaminski Hardware Co., Georgetown, S. C.  
 Kaminsky, Louis, Co., scrap iron and steel, Houston, Tex.  
 Kamlee Co., auto trucks, 225 B'way, Milwaukee, Wis.  
 Kamman, Hy. A., meat packers, 447 Bailey av, Buffalo, N. Y.  
 Kammern, Walter, bank office railings, 3258 Spring Grove av, Cincinnati, Ohio.  
 Kammer & Ertle, cornices & skylights, Massillon, Ohio.  
 Kammerer, Edward W., architect, Lebanon, Ore.  
 Kamowski, Jos., contractor, Nanticoke, Pa.  
 Kamp Dist. Co., 401 N. Main, St. Louis, Mo.  
 Kamper, Louis, architect, fine arts Bldg., Detroit, Mich.  
 Kampfe Bros, shaving brushes, razor strops, etc., 3303 Atlantic av, Brooklyn, N. Y.  
 Kamschulte & Webster, architects, 216 N. Water, Milwaukee, Wis.  
 Kanapaux, C., & Co., contractors, Charleston, S. C.  
 Kanawha Brick Co., common, Charleston, W. Va.  
 Kanawha Mfg. Co., tipples mine, Charleston, W. Va.  
 Kanawha Mine Car Co., Charleston, W. Va.  
 Kandel Elec. Co., elec. motors, lamps, etc., 58 Reade, New York.  
 Kane Blind & Screen Co., Kane, Pa.  
 Kane Brick Co., Kane, Pa.  
 Kane Bldg. & Contrg. Co., 82 Rapelyca, Brooklyn, N. Y.  
 Kane, Ed. J., contractor, Youngstown, Ohio.  
 Kane Flint Bottle Co., Kane, Pa.  
 Kane Glass Co., Kane, Pa.  
 Kane, H. S., canned goods, Brooklin, Me.  
 Kane, John, tubular boilers, Nyack, N. Y.  
 Kane, John P., Co., masons' & bldrs.' matls., 103 Park av, New York.  
 Kane-Kelly Contrg. Co., Audubon, New Orleans, La.  
 Kane & Keyser Hardware Co., Belington, W. Va.  
 Kane, Michael B., architect, Edwardsville, Ill.  
 Kane, Michael, Brick Co., Hartford, Conn.  
 Kane, Michael J., contractor, 9 Wade, Worcester, Mass.  
 Kane & Roach, carriage builders' machinery, Syracuse, N. Y.  
 Kane Supply Co., mill & facty. supplies, Kane, Pa.  
 Kane, T. P., Co., contractors, 40 W. 141st, New York.  
 Kane, Wm., Mfg. Co., heaters, 1909 Adams, Philadelphia, Pa.  
 Kangaroo Mfg. Co., children's vehicles, 25 E. Washington, Chicago, Ill.  
 Kankakee Foundry Co., Kankakee, Ill.  
 Kankakee Tile & Brick Co., Kankakee, Ill.  
 Kann, Robt., chemist, 124 Front, New York.  
 Kanneberg Roofing & Ceiling Co., Canton, Ohio.  
 Kanner, Sam'l., razor stroppers, 556 B'way, New York.  
 Kanouse, H. W., Lumber Co., Ford Bldg., Detroit, Mich.  
 Kanoy, C. E., lbr., Biscoe, N. C.  
 Kansas Agricultural Coll. Div of Mechanic Arts, Manhattan, Kans.  
 Kansas Buff Brick & Mfg. Co., Buffville, Kans.  
 Kansas City Bolt & Nut Co., Kansas City, Mo.  
 Kansas City Bridge Co., contrs., Orear-Leslie Bldg., Kansas City, Mo.  
 Kansas City Carriage & Wagon Wks., 237 W. 4th, Kansas City, Mo.  
 Kansas City Construction Co., 7th & Ewing, Kansas City, Mo.  
 Kansas City Engine Works, 1613 Crystal av, Kansas City, Mo.  
 Kansas City Engineering Co., machsts., Scarritt Bldg., Kansas City, Mo.  
 Kansas City Foundry Co., Kansas City, Kans.  
 Kansas City Furnace Co., Kansas City, Mo.  
 Kansas City Galvanizing & Mfg. Co., Kansas City, Mo.  
 Kansas City Hay Press Co., Kansas City, Mo.  
 Kansas City Htg. Co., 15th & Grand av, Kansas City, Mo.  
 Kansas City Mach. Wks., Kansas City, Mo.  
 Kansas City Material Co., crushed stone, Kansas City, Mo.  
 Kansas City Motion Picture Co., moving picture films, 1017 Central av, Kansas City, Mo.  
 Kansas City Packing Box Co., Kansas City, Kans.  
 Kansas City Pump Co., mill & facty., plumbers' & steam fitters' supplies, 1314 W. 10th, Kansas City, Mo.  
 Kansas City Rubber & Belting Co., pkg. mfrs., 710 Delaware, Kansas City, Mo.  
 Kansas City Scale & Supply Co., Kansas City, Mo.  
 Kansas City Sheet Metal & Furnace Co., cornices, 3803 Woodward, Kansas City, Mo.  
 Kansas City Slide Co., moving picture films & lantern slides, 1017 Central av, Kansas City, Mo.  
 Kansas City Soap Co., Kansas City, Kans., & Shawanee & R. R., Kansas City, Mo.  
 Kansas City Stained Glass Wks. Co., 1514 Wyandotte, Kansas City, Mo.  
 Kansas City Structural Steel Co., Kansas City, Mo.  
 Kansas City Terra Cotta & Faience Co., 19th & Manchester av, Kansas City, Mo.  
 Kansas City Testing Laboratory, Kansas City, Mo.  
 Kansas City Wire & Iron Wks., fndrs., Kansas City, Mo.  
 Kansas Co-operative Refining Co., Chanute, Kans.  
 Kansas Lumber Co., Hutchinson, Kans.  
 Kansas Milling Co., flour, Wichita, Kans.  
 Kansas Vitrified Brick Co., Chanute, Kans.  
 Kansas Voting Machine Co., Topeka, Kans.  
 Kanter & Altman, contractors, 1125 Commonwealth av, Boston, Mass.  
 Kanter, R. J., Co., lubricating oils, 647 Water, New York.  
 Kantrowitz, Morris, contractors, 20½ Market, Albany, N. Y.  
 Kantslip Co., cabinet benches, clamps, gauges, trucks, etc., Freeport, Mich.  
 Kanzler, Chris., & Son, contractors, Evansville, Ind.  
 Kaolin Mining Co., Franklin Bank Bldg., Philadelphia, Pa.  
 Kapailo Mfg. Co., artificial bldg. stone, 103 Park av, New York.  
 Kaplan, L., scrap rubber, Salem, Ohio.  
 Kapp, A. Jos., Sons Ivory Co., billiard & pool balls, 124 E. 14th, New York.  
 Kapple, Andrew C., contractor, Racine, Wis.  
 Kappler-Fox Fdry. Co., stove mfrs., York & Thompson, Philadelphia, Pa.  
 Kaps Bros., contractors & masons' & bldrs.' matls., Portsmouth, Ohio.  
 Karas Elec. Co., machsts., 215 W. Ill. Chicago, Ill.  
 Karus, Sigmund, machsts. & fndrs., Wausau, Wis.  
 Karbach, Chas., architect, 7229 Madison, Forest Park, Ill.  
 Karbatzki, J. B., & Son, machsts., 1302 W. 22d, Chicago, Ill.  
 Karcher, Jacob, mattresses, Castorland, N. Y.  
 Karcher & Smith, architects, 34 S. 17th, Philadelphia, Pa.  
 Karselen, E., glass cutters, 68 Nassau, New York.  
 Karge, Frank, stone, 5831 Bishop, Chicago, Ill.  
 Karges, H. Gilbert, architect, Furniture Bldg., Evansville, Ind.  
 Karges Wagon Co., Evansville, Ind.  
 Karle, A., carriages, St. Joseph, Mo.  
 Karle, Geo. J., joiners, 195 Elk, Buffalo, N. Y.  
 Karlsson, E. K., architect, 65 W. 107th, New York.  
 Karnes Bros., canned goods, Buchanan, Va.  
 Karnes, Howard, harness, etc., Knoxville, Tenn.  
 Karnes, W. M., & Sons, contractors, Paducah, Ky.  
 Karns, Jas. F., cornices, Everett, Wash.  
 Karol, B., plumbers' supplies, 800 S. Kedzie av, Chicago, Ill.  
 Karpen, S., & Bros., revolving chairs, 900 S. Mich., Chicago, Ill.  
 Karr, Francis, Co., bed springs, mattresses, 1322 W. Monroe, Chicago, Ill.  
 Karr Portable House Co., 2554 W. Irving Pk. blvd., Chicago, Ill.  
 Karr Supply Co., mill & facty. supplies, Belleville, Ill.  
 Karr, Thos. H., contractor, Troy, N. Y.  
 Karr, Wallace V., architect, Westfield, Mass.  
 Karsmeyer Co., electric light plants, Lincoln, Neb.  
 Karstadt, J. G., contractor, Lemcke Bldg., Indianapolis, Ind.  
 Karstens, August, brick, Moline, Ill.  
 Kartheiser, Frank, sash, door & blind, Menominee, Mich.  
 Kasch Roofing Co., Akron, Ohio.  
 Kasdorf, Walter D., contractor, 1099 Halton, Milwaukee, Wis.  
 Kase, J. M., & Co., stained glass window, Reading, Pa.  
 Kasebier Chatfield Shellac Co., 179 Pearl, New York.  
 Kasent Co., case hardening compounds, 11 Water, New York.  
 Kashner & Son, architects, Lafayette, Ind.  
 Kasota Marble & Tile Co., Kasota, Minn.  
 Kasper & Koetzle, mill & facty. supplies, 565 Bushwick, Brooklyn, N. Y.  
 Kasper Stamp & Seal Co., 821 Locust, St. Louis, Mo.  
 Kassing, Henry, contractor, Utica, N. Y.  
 Kast Copper & Sheet Iron Co., 91 Main, Buffalo, N. Y.  
 Kast & Ehinger, printing & lithographic inks, 154 W. 18th, New York.  
 Kast, M. I., architect, Commonwealth Tr. Bldg., Harrisburg, Pa.  
 Kasten & Schwinke Pressed Brick Co., Jackson, Mo.  
 Kastens H'y., time recorders & stamps & numbering mach., 418 W. 27th, New York.  
 Kaster, P. M., agricultural implements, Rimersburg, Pa.  
 Kastl, J. F., cornices & skylights, Omaha, Neb.  
 Kastler, J. G., & Co., architects, Ch. of Com. Bldg., Detroit, Mich.  
 Kastner, A. & J. B., cornices & skylights, Tacoma, Wash.  
 Kastner, Chas., cornices & skylights, Salina, Kans.  
 Kastner Cut Stone Co., Memphis, Tenn.  
 Kastor, Adolph, & Bros., cutlery mfrs., razors, scizzors, etc., 109 Duane, New York.  
 Kasurin, John, architect, Hotel Statler, Detroit, Mich.  
 Kasyer Raw Hide Co., 3914 N. B'way, St. Louis, Mo.  
 Katahdin Pulp & Paper Co., Lincon, Me.  
 Katchen, Barnett Iron Wks., 700 So. 15th, Newark, N. J.  
 Kates, Geo. W., contractor, Avalon, N. J.  
 Kathodion Bronze Wks., 366 Gerard av, New York.  
 Katterjorn Brick Co., Paducah, Ky.  
 Katterjohn, F. W., Cons. Co., masons' & bldrs.' matls., Paducah, Ky.  
 Katterjohn, G. W., contractor, Paducah, Ky.  
 Kattmann & Kneeland Tent Co., Houston, Tex.  
 Katz Bros. Leather Goods Co., 135 W. 20th, New York.  
 Katz Construction Co., Brandeis Theatre Bldg., Omaha, Nebr.  
 Katz & Feiner, architects, 505 5th av, New York.  
 Katz, Samuel, architect, 405 Lexington av, New York.  
 Katz, Saml., cornices & skylights, 439 E. 23d, New York.  
 Katz, Wm., & Co., thermometers, 179 Central av, Brooklyn, N. Y.  
 Katz, Wm. P., architect, 12 N. B'way, Yonkers, N. Y.  
 Katzenbach & Bullock Co., chemicals, Trenton, N. J.



- Katzenbach, F. S., & Co., wholesale hdwe., electrical, mill & facty. & plumbers' supplies, Trenton, N. J.
- Katzenstein, Leopold, & Co., mill & facty. supplies, 358 West, New York.
- Katzinger, Edw., Co., confectioners' gas furnaces, dough dividing machs., 122 N. Peoria, Chicago, Ill.
- Kau, Max, architect, 2241 Stratford av, Clifton Heights, Cincinnati, Ohio.
- Kauai Trust & Land Co., canned goods, Lawai, Hawaii.
- Kauffman Architectural Co., Rose Bldg., Cleveland, Ohio.
- Kauffman Engng. Co., machsts., St. Louis, Mo.
- Kauffman, F. A., Mfg. Co., canned goods, 106 S. 2d, St. Louis, Mo.
- Kauffman, Harry M., machsts., Windom, Pa.
- Kauffman, J. L., machsts. & fndrs., Garden City, Mo.
- Kauffman Mfg. Co., beds, Ashland, Ohio.
- Kauffman Pasteurizer Co., Three Rivers, Mich.
- Kauffman, William, architect, Conestoga Bldg., Pittsburg, Pa.
- Kaufherr & Co., patent leather, 42 Garden, Newark, N. J.
- Kauffie, John, contractor, Landsdale, Pa.
- Kaufman, A. C., Mfg. Co., stoves, heaters, etc., 542 B'way, New York.
- Kaufman, Benj., & Sons, prepared cereal foods, etc., 146 Ludlow, New York.
- Kaufman, C. R., architect, Boise, Idaho.
- Kaufman, David, & Sons Co., scrap iron & steel, Elizabeth, N. J.
- Kaufman, E. L., & Co., plate glass, Liberty & Fayette, Baltimore, Md.
- Kaufman, Emanuel, steel mfrs., Farmers Bank Bldg., Pittsburgh, Pa.
- Kaufman, H. J., architect, Flint, Mich.
- Kaufman-Haas Heating Co., 1117 23d, Milwaukee, Wis.
- Kaufman Hardware Co., Anderson, Ind.
- Kaufman, Jacob, Co., fertilizer mfrs., Seattle, Wash.
- Kaufman, Jos., cereal foods, 148 Ludlow, New York.
- Kaufman, Lewis R., architect, 373 4th av, New York.
- Kaufman, M., scrap iron, rubber, 347 N. Sheldon, Chicago, Ill.
- Kaufman Mach'y Co., dealers, 89 Center, New York.
- Kaufman Mill'g Co., prepared cereal foods, etc., 148 Ludlow, New York.
- Kaufman, W. R., architect, Amarillo, Tex.
- Kaufman, Wm. S., & Son, architects, Kelly & Hutchinson Bldg., Richmond, Ind.
- Kaufmann Bros. & Bondy, smoking pipes, 33 E. 17th, New York.
- Kaufmann, K., & Co., bags & suit cases, 169 Murray, Newark, N. J.
- Kaufmann, Killan & White, architects, 110 E. 23d, New York.
- Kaukauna Lumber & Mfg. Co., Kaukauna, Wis.
- Kaukauna Machine Works, machsts. & fndrs., Kaukauna, Wis.
- Kaukauna Pulp Co., Kaukauna, Wis.
- Kaul Clay Mfg. Co., Toronto, Ohio.
- Kaul & Hall Lumber Co., St. Marys, Pa.
- Kaul, J. & A., machsts. & fndrs., St. Mary's Pa.
- Kaul Lumber Co., Birmingham, Ala.
- Kaulback, W. S., masons' & bldrs.' matls., Malden, Mass.
- Kaumagraph Co., trade mark stamps, 209 W. 38th, New York.
- Kaumier, John C., architect, Port Huron, Mich.
- Kausel, John, machinist, Minneapolis, Minn.
- Kaustine Co., dry earth closets, Buffalo, N. Y.
- Kautz, Chas. E., lumber mfrs., Boyntonville, N. Y.
- Kautz, Fred. C., & Co., name plates, rubber stamps, stencils, etc., 2633 W. Lake, Chicago, Ill.
- Kauzer, Jno. E., architect, Benshaw Bldg., Pittsburgh, Pa.
- Kavanagh Bros. & Co., corn brooms, 1234 W. Kinzie, Chicago, Ill.
- Kavanagh Bros. Co., crushed stone & granite, Quincy, Mass.
- Kavanagh, Hugh I., architect, 226 E. Eager, Baltimore, Md.
- Kavanagh, Jos., Co., coppersmiths, Pratt & Central av, Baltimore, Md.
- Kavanaugh, Daniel, lumber, Williamsport, Pa.
- Kavanaugh, Geo. W., mill & facty. supplies, Cohoes & Utica, N. Y.
- Kavanaugh, J. F., architect, Union Oil Bldg., Los Angeles, Cal.
- Kavanaugh, Patrick H., cornices, Peoria, Ill.
- Kavanaugh Sand Co., 20 Madison, Memphis, Tenn.
- Kaw Milling Co., flour, Topeka, Kans.
- Kaw Paving Co., Topeka, Kans.
- Kawalle Automatic Mitre Box Co., Manitowoc, Wis.
- Kawin, Chas. C., Co., chemists, 417 S. Dearborn, Chicago Ill.
- Kawnear Cabinet Co., chemical closets, Kawnear Bldg., Kansas City, Mo.
- Kawnear Mfg. Co., steel structl. mills, copper, brass, bronze, mouldings, etc., Grand Rapids & Niles, Mich.
- Kay & Ess Co., paint mfrs., varnishes, etc., Dayton, Ohio.
- Kay Glove Co., Manitowoc, Wis.
- Kay, H. E. (Est. of), machsts. & fndrs., Fall River, Mass.
- Kay Lumber Co., Franklin Bank Bldg., Philadelphia, Pa.
- Kay, T., Woolen Mill Co., Salem, Ore.
- Kaye & Carter Lumber Co., 1115 Lumber Exch., Minneapolis, Minn.
- Kayler J. Chalmers, architect, 161 S. Woodward av, Dayton, Ohio.
- Kaylor, John, brick, McClure, Ohio.
- Kayser & Allman, wall paper mfrs., 1522 Chestnut, Phila., Pa.
- Kayser & Hegner Siemer Co., distillers, 319 E. 2d, Cincinnati, O.
- Kayser, Julius, & Co., knitted gloves & mittens, 45 E. 17th, New York.
- Kaysing Iron & Fndry. Co., St. Louis, Mo.
- Kaysville Brick Co., Salt Lake City, Utah.
- Kaysville Canning Corp., Kaysville, Utah.
- K. & B. Co., tel. cord weights, 25 N. 7th, Philadelphia, Pa.
- K. & B. Packing & Prov. Co., Denver, Colo.
- K. C. Elevator Mfg. Co., 2601 Madison av, Kansas City, Mo.
- K. C. Lumber Co., Lucedale, Miss.
- K. & C. Mfg. Co., rims—auto., carriage & wagon-wheel, Henneker, N. H.
- K. D. Carburetor Co., 5915 Banna av, Cleveland, Ohio.
- Keafer, L., billiard & pool tables, 329 W. Girard av, Phila., Pa.
- Keagy, Henry W., lumber, Hagerstown, Ind.
- Keagy & Lear Machine Co., mill & facty. supplies, Coshocton, O.
- Kealer, G. H., machst., Batesville, Ark.
- Keane, P. J., & Son, contractors, Manchester, N. H.
- Kear, H. J., contractor, St. Clair, Pa.
- Kearfott, Clarence B., architect, Bristol, Tenn.
- Kearney Alfalfa Meal Co., Kearney, Neb.
- Kearney Flour Mills, Kearney, Neb.
- Kearney Fdry., Mach. & Auto. Co., Kearney, Neb.
- Kearney Hardware Co., cornices & skylights, Kearney, Neb.
- Kearney, John & Co., steam htg. contrs., 328 New, Cincinnati, O.
- Kearney, P. H., & Sons, coppersmiths, 504 W. 27th, New York.
- Kearney, Thos., contractor, Meriden, Conn.
- Kearney & Trecker Co., milling machines, W. Allis, Milwaukee, Wis.
- Kearns, Gorsuch Bottle Co., Zanesville, Ohio.
- Kearns Motor Truck Co., Beavertown, Pa.
- Kearns, P. J., Contracting Co., 2306 Creston av, New York.
- Kearns, Patrick, contractor, Orange, N. J.
- Kearns, T. A., & Co., contractors & dock bldrs., 343 S. Dearborn, Chicago, Ill.
- Kearns, W. F., Co., concrete steel const., Cambridge, Mass.
- Kearney, J. Watts, & Sons, masons' & bldrs.' matls., 514 S. Peters, New Orleans, La.
- Kearsarge Peg Co., Bartlett, N. H.
- Keasbey & Matison Co., paper & pulp mills, Ambler, Pa.
- Keasbey, Robt. A., Co., mill & facty. supplies, 445 West, New York.
- Keasey, M. T., Lbr. Co., Brazil, Ind.
- Keating, E. F., Co., plumbers' supplies—jobbers, 446 Water, New York.
- Keating, J. L., Co., sand & gravel dlrs., 323 E. 38th, New York.
- Keating, Jas. A., & Co., steam fitters' supplies, 105 Christopher, New York.
- Keating, John S., contractor, Poughkeepsie, N. Y.
- Keating, M., & Son Co., floor mosaics, 4046 Wentworth av, Chicago, Ill.
- Keaton Bros., cooperage stock, Memphis, Tenn.
- Keays, A. A., cornices & skylights, 1228 E. 9th, Los Angeles, Cal.
- Keays Cable Grip Co., 95 Liberty, New York.
- Keck, Bert D., architect, Crookston, Minn., & Grand Forks, N. D.
- Keck & Co., meat packers, Pottstown, Pa.
- Keck-Gonnermann Co., agricultural impts., Mount Vernon, Ind.
- Keckley, O. C., Co., steam fitters' supplies, 608 S. Dearborn, Chicago, Ill.
- Keckonen Hardware Co., Calumet, Mich.
- Kee Lox Mfg. Co., Rochester, N. Y.
- Keeble, Alex. N., machsts. & fndrs., Lawrence, Mass.
- Keefe, John J., Co., contractors, Sioux City, Ia.
- Keefe, Lawrence (Est.), machsts. & fndrs., Thibodeaux, La.
- Keefe, W. F., architect, Amer. Nat. Bk. Bldg., St. Paul, Minn.
- Keefer & Bailey, contractors, Huntington, Ind.
- Keefer, Geo. H., contractor, Mt. Carmel, Pa.
- Keefer, Hy., crushed stone, Huntington, Ind.
- Keefer, John S., contractor, Sunbury, Pa.
- Keefer & Maxwell, sweaters, etc., Camillus, N. Y.
- Keefer, Peter R., contractor, Sunbury, Pa.
- Keefer, Wm. Wesley 2d., architect, 1802 Chestnut, Phila., Pa.
- Keeher, Thomas F., contractor, Newport, R. I.
- Keeler Brass Co., machsts. & fndrs., Grand Rapids, Mich.
- Keeler, E., Co., mill & facty. supplies, Williamsport, Pa.
- Keeler Lumber & Fuel Co., masons' & bldrs.' matls., Beloit, Wis.
- Keeler, Peter, Bldg. Co., 425 Orange, Albany, N. Y.
- Keeler, W. P., cornices & skylights, Spokane, Wash.
- Keeley, Jas. J., waste closet tanks, Jackson, Mich.
- Keeley, Jerome, & Co., scrap iron & steel, 421 Chestnut, Philadelphia, Pa.
- Keeley, John, & Patrick, contrs., 2100 State, East St. Louis, Ill.
- Keeley Stove Co., Columbia, Pa.
- Keely, S. S., & Son, sash, door & blind mfrs., Main & Umbria, Philadelphia, Pa.
- Keeman, Otto A., architect, Stafford & Trainor, Wilkes-Barre, Pa.
- Keenan Structural Slate Co., Easton, Pa.
- Keen, Chas. Barton, landscape archt., 1218 Chestnut, Phila., Pa.
- Keen Kleener Mfg. Co., soap, Ottawa, Ill.
- Keen, W. B., & Son, carriages, Malden, Mass.
- Keen, W. F., & Co., sash, door & blind mfrs., 4317 York rd, Baltimore, Md.
- Keenan, Samuel, contractor, Parkersburg, W. Va.
- Keenan, Walter C., architect, 824 Gravier, New Orleans, La.
- Keene-Belvidere Canning Co., Belvidere, Ill.
- Keene Bros. Mach. Co., Elkhart, Ind.
- Keene Canning Co., Freeport, Ill.
- Keene, Fred. H., steel letters & figures mfrs., 149 Church, New York.
- Keene, Geo. C., & Co., machsts., 2327 Florence av, Cincinnati, O.



- Keene Glue Co., Keene, N. H.  
 Keene, H. A., molders' sand, Hartman Bldg., Columbus, Ohio.  
 Keene Mica Products Co., insulating cloth, 34 W. 33d, New York.  
 Keene, R. A., & Son, canned goods, Poland, Me.  
 Keene & Simpson, architects, Reliance Bldg., Kansas City, Mo.  
 Keene Woodenware Co., pails & buckets, Keene, N. H.  
 Keener, Geo. I., common brick, Weston, W. Va.  
 Keener, S. N., Co., sash, door & blind mfrs., Newark, N. Y.  
 Keeney, H. M., architect, Winston-Salem, N. C.  
 Keenoh Co., razor stropers, 82 First, Detroit, Mich.  
 Keep Bros., mill & facty. supplies, 225 Sansom, Phila., Pa.  
 Keepport, A. B., & Co., masons' & bldrs.' matls., 620 N. Senate, Indianapolis, Ind.  
 Keeran & Co., lead pencils, Bloomington, Ill.  
 Keerner Sand & Clay Co., Hartman Bldg., Columbus, Ohio.  
 Keery Chemical Co., Hancock, N. Y.  
 Keery, Thos., Co., chemicals, Hancock, N. Y.  
 Kees & Colburn, architects, Donaldson Bldg., Minneapolis, & Lowery Annex, St. Paul, Minn.  
 Kees, F. D., Mfg. Co., machsts. & fndrs., Beatrice, Neb.  
 Kees, Wm. J., pkg. box mfrs., 113 N. Orianna, Philadelphia, Pa.  
 Keese & Chamberlin Bros., common brick, Litchfield, Ill.  
 Keessing & Son, flour mills, Cedar Springs, Va.  
 Keeveny, T. W., Lbr. Co., 1045 W. 8th, Cincinnati, Ohio.  
 Keever Starch Co., Chamber of Commerce Bldg., Columbus, O.  
 Keevil, A. S., envelopes, 210 N. 4th, St. Louis, Mo.  
 Kefauver & McLaran, contractors, Equitable Bldg., Balto., Md.  
 Keferstein, Carl B., architect, Stoneleigh ct, Washington, D. C.  
 Keffel & Esser Co., machsts. & fndrs., Hoboken, N. J.  
 Keffler & Jones, architect, Youngerman Bldg., Des Moines, Ia.  
 Keffler, Wm., smoking pipes, 1128 N. Orianna, Philadelphia, Pa.  
 Keffler Bros., machinists, Malvern, Ohio.  
 Kegl, E. R., archit., Plaza Theatre Bldg., Norwood, Cincinnati, O. 10.  
 Kegl, G. F., granite producers, Plymouth, Wis.  
 Kegley, F. T., archit., Cons. Realty Bldg., Los Angeles, Cal.  
 Kehl, G., & Son Co., contractors, 1225 N. Maplewood av, Chicago, Ill.  
 Kehl Mercantile Co., lbr., Northport, Mich.  
 Kehm Bros Co., heating contrs., high & low pressure, 15 W. Kenzie, Chicago, Ill.  
 Kehm, Jno. R., Co., heating contrs., 8 E. Austin, Chicago, Ill.  
 Kehoe, Alfred L., & Co., architects, 657 W. 183d, New York.  
 Kehoe, C. C., machsts., Schenectady, N. Y.  
 Kehoe & Co., stone producers, Hazelton, Pa.  
 Kehoe Display Fixture Co., bank railings, 541 Market, San Francisco, Cal.  
 Kehoe Iron Wks., Savannah, Ga.  
 Kehoe & Mowery Co., contractors, Wilkes-Barre, Pa.  
 Kehr, A. P., Co., stone, Buffalo, N. Y.  
 Kehr Packing Co., meat, 3832 Cote Brillante av, St. Louis, Mo.  
 Keich, R. J., architect, Warren, Ohio.  
 Keidel, Hy., & Co., whol. hdwe., 405 W. German, Baltimore, Md.  
 Keighley, Chas., & Sons, machsts., Vineland, N. J.  
 Keighley, S., Metal Ceiling & Mfg. Co., metal ceiling & lockers, 124 3d av, Pittsburgh, Pa.  
 Keil-Dedlow Mfg. Co., saw filing machines, Plainview, Neb.  
 Keil, Francis, & Son, hdwe. mfrs., 401 E. 163d, New York.  
 Keil Mfg. Co., washing machines, Albert Lea, Minn.  
 Keim Brick & Tile Co., Louisville, Ohio.  
 Kein, Reuben, contractor, Easton, Pa.  
 Keim, T. B., architect, Haas Bldg., Los Angeles, Cal.  
 Keimig, Louis J., architect, 347 5th av, New York.  
 Keiner-Williams Stamping Co., Richmond Hill, N. Y.  
 Keiper, Howard O., contractor, Easton, Pa.  
 Keirn, J. Edw., architect, 3945 Brighton rd, Pittsburgh, Pa.  
 Keiser Bros., machsts. & fndrs., Hamburg, Pa.  
 Keiser, F. H., & Co., contractors, Pottstown, Pa.  
 Keiser, Geo., & Co., farm machy., mill, facty. & plumbers' supplies, Muncie, Ind.  
 Keiser Mfg. Co., machsts. & fndrs., Reading, Pa.  
 Keiser-Van Leer Co., whol. hdwe., mill, facty. & plumbers' supplies, Bloomington, Ill.  
 Keister, A. L., & Co., coke mfrs., Scottdale, Pa.  
 Keister, Geo., architect, 56 W. 54th, New York.  
 Keith Bros., flour mills, Buffalo, Ky.  
 Keith Car & Mfg. Co., Sagamore, Mass.  
 Keith Furnace Co., Des Moines, Ia.  
 Keith, Geo. H., architect, Hutton Bldg., Spokane, Wash.  
 Keith & Hiles Lumber Co., Crandon, Wis.  
 Keith, J. M., & Co., wood handles, Eastford, Conn.  
 Keith Lumber Co., Beaumont, Tex., & 2350 Laflin, Chicago, Ill.  
 Keith Mfg. Co., elec. fixtures, Clinton, N. Y.  
 Keith Paper Co., Turners Falls, Mass.  
 Keith, Simmons & Co., whol. hdwe., mill & facty. supplies, Nashville, Tenn.  
 Keith, Walter J., archit., 1722 Hennepin av, Minneapolis, Minn.  
 Keith, Wm. S., soap, Milford, N. H.  
 Keithly Co., plumbers' supplies—jobbers, Houston, Tex.  
 Kelham, Geo. W., archit., Sharon Bldg., San Francisco, Cal.  
 Kelk Carriage Wks., Sedalia, Mo.  
 Kelker, Thos. M., architect, 16 N. 2d, Harrisburg, Pa.  
 Kell Bros., masons' & bldrs.' matls., Lexington, Ohio.  
 Kell Milling Co., flour, Yernon, Tex.  
 Kell, Otto, architect, Davidson Bldg., Des Moines, Ia.  
 Kellam-Shaffer Co., contractors, Schenectady, N. Y.  
 Kellar, O. J., Lime Co., Frederick, Md.  
 Kellaway, Herbert J., landscape archit., 12 West, Boston, Mass.  
 Kelleher, John J., scrap iron & steel, 89 Tomkins, New York.  
 Keller, A. C., Collar Co., Council Bluffs, Ia.  
 Keller, A. E., oven bldrs., 136 Beekman, New York.  
 Keller Brick Co., Cuyahoga Falls, Ohio.  
 Keller Bros., contractors, Harmon rd, Philadelphia, Pa.  
 Keller Bros., masons' & bldrs.' matls., 6347 Station, Pittsburgh, Pa.  
 Keller, C., Co., contractors, 210 Moran, Detroit, Mich.  
 Keller, Chas. J., architect, Germania Bldg., Milwaukee, Wis.  
 Keller, Christian M., machst. & fndr., Columbus, Ind.  
 Keller-Dunham Piano Co., Scranton, Pa.  
 Keller, Frank P., architect, Monongahela, Pa.  
 Keller, G. M., & Son, brick & tile, Attica, Ohio.  
 Keller, G. P., balances (assay & analytical), Salt Lake City, Utah.  
 Keller, Geo., architect, 24 Park Terrace, Hartford, Conn.  
 Keller, George, coppersmith, 1051 Wyckoff av, Brooklyn, N. Y.  
 Keller, Geo., & Son, potteries, 2618 Herndon, Chicago, Ill.  
 Keller, H. P. S., architect, Raleigh, N. C.  
 Keller, Hy., & Sons, pianos, Whitlock av & 156th, New York.  
 Keller, J. D., blankets, flannels, woolens, Houserville, Pa.  
 Keller & Jeffers, machsts. & fndrs., Plymouth, Ind.  
 Keller, John, glass stainers, 1050 B'way, Brooklyn, N. Y.  
 Keller, John H., flour mills, Fisher's Hill, Va.  
 Keller Knitting Co., sweaters, cardigans, 1538 E. 49th, Cleveland, Ohio.  
 Keller, Luther, lime mfrs., masons' & bldrs.' matls., Scranton, Pa.  
 Keller Mfg. Co., agricultural implements, 1325 N. E. Quincy, Minneapolis, Minn.  
 Keller Mfg. Co., case hardening, 21st, Allegheny, Phila., Pa.  
 Keller Mfg. Co., wagons, Corydon, Ind.  
 Keller Mechanical Engineering Co., dies & die cutting machines, 70 Washington, Brooklyn, N. Y.  
 Keller & Milliken, masons' & bldrs.' matls., Braddock, Pa.  
 Keller, Oswald, architect, 1443 Potomac av, Pittsburgh, Pa.  
 Keller Pneumatic Tool Co., Fond du Lac, Wis.  
 Keller Pottery Co., Norristown, Pa.  
 Keller Printing Co., street ry. tickets, 295 Lafayette, New York.  
 Keller, Robt., Irish moss, brewers' machy., 334 N. 3d, Phila., Pa.  
 Keller, Robt., Ink Co., paste, 523 Fort W., Detroit, Mich.  
 Keller & Sons, stone producers, Ft. Wayne, Ind.  
 Keller & Tamm Mfg. Co., wagon spokes; handles, etc., Victor & Leeve, St. Louis, Mo.  
 Keller, Walter S., architect, Timken Bldg., San Diego, Cal.  
 Keller, Wm. H., & Son, pianos, Easton, Pa.  
 Kellerman Contracting Co., general contractors, Internatl. Life Bldg., St. Louis, Mo.  
 Kellerstrass Dist. Co., 320 W. 2d, St. Louis, Mo.  
 Kelley, B., & Co., granite & stone cutters' tools, Belfast, Me.  
 Kelley Bros., contractors, Haverhill, Mass.  
 Kelley Bros. & Spielman, whitening & Paris white mfrs., Swanson & Moore, Philadelphia, Pa.  
 Kelley Canning Co., Waverly, Ia.  
 Kelley, Chas. H., architect, Fairfield, Conn.  
 Kelley, Edw., heating contr., Fall River, Mass.  
 Kelley Elec. Co., interior telephones, 427 Elm, Cincinnati, Ohio.  
 Kelley Electric Mach. Co., Buffalo, N. Y.  
 Kelley, Frederic P., architect, 437 5th av, New York.  
 Kelley, H. M., & Co., masons' & bldrs.' matls., Harrisburg, Pa.  
 Kelley-How-Thomson Co., whol. hdwe., mill & facty. supplies, Duluth, Minn.  
 Kelley, Irving W., architect, 127 N. Dearborn, Chicago, Ill.  
 Kelley Island Lime Co., Clay Center, Ohio, & Duluth, Minn.  
 Kelley Island Lime & Transport Co., masons' & bldrs.' matls., Leader Bldg., Cleveland, Ohio.  
 Kelley, Jas. F., & Son, granite, Quincy, Mass.  
 Kelley, James T., architect, 57 Mt. Vernon, Boston, Mass.  
 Kelley, John, contrs., S. Sal. & Brighton av, Syracuse, N. Y.  
 Kelley, John A., Co., contractors, Penna Bldg., Phila., Pa.  
 Kelley, John M., contractor, Camden, N. J.  
 Kelley, Jos., sash, door & blind, Reedsville, Pa.  
 Kelley, Koelt Mfg. Co., X-ray apparatus, Covington, Ky.  
 Kelley, M. A., Broom Co., Leavenworth, Kans.  
 Kelley Milling Co., mill feed, Kansas City, Mo.  
 Kelley, Samuel D., contractor, 4 Gold, New York.  
 Kelley, Samuel Dudley, architect, 209 Washington, Boston, Mass.  
 Kelley-Spear Co., ship builders, Bath, Me.  
 Kelley, Thos. F., architect, 107 Wall, Bridgeport, Conn.  
 Kelley & Williams, architects, 1st Nat. Bk. Bldg., Duluth, Minn.  
 Kelling, H. C., Constr. Co., 885 7th, Milwaukee, Wis.  
 Kellmer Piano Co., Hazleton, Pa.  
 Kellock, Jas. A., Cut Stone Co., Yonkers, N. Y.  
 Kellogg Bros., teasels, Shaneateles, N. Y.  
 Kellogg Bros. & Co., machsts. & fndrs., Jacksonville, Ill.  
 Kellogg Bros. Lumber Co., Grand Rapids, Wis.  
 Kellogg & Buck, flour mills, Morenci, Mich.  
 Kellogg Brick & Tile Works, Kellogg, Ia.  
 Kellogg, Chas. C., & Sons Co., plate glass, Utica, N. Y.  
 Kellogg, E. H., Co., oils & greases, 243 South, New York.  
 Kellogg, Fay, architect, 32 Union sq., E., New York.  
 Kellogg-Food Co., Battle Creek, Mich.  
 Kellogg, H., harness, saddles & strap wk., Hudson, Mich.  
 Kellogg, Harold Field, architect, 141 Milk, Boston, Mass.  
 Kellogg, M. W., Co., piping mfrs., 90 West, New York.  
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- Kellogg, Mackey Co., heating contrs., plumbers & steamfitters' supplies, 419 W. 18th, Chicago, Ill.
- Kellogg Mfg. Co., advrtg. nov. & spec., 116 Nassau, New York.
- Kellogg Mfg. Co., grinders, pumps, Rochester, N. Y.
- Kellogg Marble Co., Carthage, Mo.
- Kellogg, P. P., & Co., plain envelopes, Springfield, Mass.
- Kellogg, Spencer, & Sons, linseed oil & cake mills, Buffalo, N. Y.
- Kellogg Structural Steel Co., 31 Stone, Buffalo, N. Y.
- Kellogg Switchboard & Supply Co., 1066 W. Adams, Chicago, Ill.
- Kellogg, T. D., Lumber & Mfg. Co., carriage hubs, Antigo, Wis.
- Kellogg Toasted Corn Flake Co., cereal foods, Battle Creek, Mich.
- Kellogg, W. H., machsts. & fndrs., Sebewaing, Mich.
- Kelloggs & Miller, linseed oil mills, Amsterdam, N. Y.
- Kells Mill & Lbr. Co., Java & Provost, Brooklyn, N. Y.
- Kells, W. J., Mfg. Co., auto. hoods, tanks, radiators, etc., 521 W. 45th, New York.
- Kelly, A. R., architect, Story Bldg., Los Angeles, Cal.
- Kelly-Atkinson Construction Co., 189 W. Madison, Chicago, Ill.
- Kelly Auto. Co., wire wheels, 4560 W. Congress, Chicago, Ill.
- Kelly Axe Mfg. Co., Charleston, W. Va.
- Kelly, Benj. F., & Sons, oil & grease extractors, exhaust heads, feeders, pumps, etc., 25 Church, New York.
- Kelly Brass Wks., 226 W. Ontario, Chicago, Ill.
- Kelly Bros., children's carriages, rattan furn., Gardner, Mass.
- Kelly Bros., contractors, Portsmouth, Ohio.
- Kelly Bros., stone prod., 93 Charter Oak, Hartford, Conn.
- Kelly, Christopher, brick, Fisher's av & Clinton, Olney, Philadelphia, Pa.
- Kelly Constr. Co., Bryan, Ohio.
- Kelly, D. B., wood handles, Lucas, Mich.
- Kelly, D. L., Lumber Co., Warrenton, Ore.
- Kelly-Derby Co., R. R. tie plates, People's Gas Bldg., Chicago, Ill.
- Kelly, F. Co., paper fasteners, Derby, Conn.
- Kelly, F. J., contractor, Yonkers, N. Y.
- Kelly Foundry & Machine Co., 614 Ninth, Goshen, Ind.
- Kelly Fdry. & Mach. Wks., Mount Gilead, Ohio.
- Kelly, Frank E., architect, 390 Douglass, Brooklyn, N. Y.
- Kelly, G. A., Plow Co., Longview, Tex.
- Kelly Graphite Mills, 355 W. 26th, New York.
- Kelly, H., & Co., mill & facty. supplies, 1029 S. 3d, Minneapolis, Minn.
- Kelly, H. M., architect, Broad & 5th, Columbus, Ga.
- Kelly Handle Co., wood, Charleston, W. Va.
- Kelly Hardware Co., Duluth, Minn.
- Kelly, J. K., & Co., turpentine, Griffin, Fla.
- Kelly, J. W., & Son, carriages, Marietta, Ohio.
- Kelly, John C., & Sons, carriages, 5215 Gtn. av, Phila., Pa.
- Kelly, John F., architect, P. O. Bldg., Passaic, N. J.
- Kelly, John H., contractor, 1208 E. Biddle, Baltimore, Md.
- Kelly, John J., contractor, Newport, R. I.
- Kelly, Jno., & Son, sash, door & blind mfrs., Malone, N. Y.
- Kelly & Jones Co., pipe fittings & plumbers' supplies—jobbers, 135 Water, Pittsburgh, Pa.
- Kelly-Jordan Belting Co., Atlanta, Ga.
- Kelly & King Fertilizer Co., Opp, Ala.
- Kelly, L. J., Mfg. Co., lifting jacks, Albany, N. Y.
- Kelly, Leonard & Forrester Co., corn brooms, Ogdensburg, N. Y.
- Kelly-Linehan Belting Co., 33 Minna, San Francisco, Cal.
- Kelly & McLaughlin, patent leather, 93 Golden, Newark, N. J.
- Kelly Machine Co., Troy, Ohio.
- Kelly Mfg. Co., tubular boilers, burial vaults, etc., Bucyrus, O.
- Kelly, Michael, machst. & fndr., Parkersburg, W. Va.
- Kelly Nail & Door Co., Ironton, Ohio.
- Kelly, Nicholas, & Son, glass molds, 1704 Wharton, Pitts., Pa.
- Kelly, O. S., Co., machsts. & fndrs., Springfield, Ohio.
- Kelly, P. H., contractor, Lippincott Bldg., Philadelphia, Pa.
- Kelly, Patrick & Son, stone producers, Easton, Pa.
- Kelly, R. A., Co., cordage & twine mfrs., Xenia, Ohio.
- Kelly Reamer Co., Kelly reamers & boring tools, 1553 Columbus rd, Cleveland, Ohio. *See adv index at end of book.*
- Kelly-Springfield Motor Truck Co., Springfield, Ohio.
- Kelly-Springfield Tire Co., B'way & 57th, New York.
- Kelly & Steinman, cut glassware, Deposit, N. Y.
- Kelly, T. P., & Co., foundry supplies, 355 W. 26th, New York.
- Kelly, Thos., contractor, East New York av, Brooklyn, N. Y.
- Kelly, Thos., & Bros., machinists, 404 S. Kelmar av, Chicago, Ill.
- Kelly, Thos., & Co., horse blankets, 89 Chauncy, Boston, Mass.
- Kelly, Thos. P., contractor, Anderson, Ind.
- Kelly, Wm. J., sheet metal ornaments, 446 Adelphi, Bklyn., N. Y.
- Kelly's, James T., Sons, scrap iron & steel, 249 Greene, Brooklyn, N. Y.
- Kelman Elec. & Mfg. Co., Los Angeles, Cal.
- Kelsey, Newton, hame chains, machsts., etc., Evansville, Ind.
- Kelsey, Albert, architect, Perry Bldg., Philadelphia, Pa.
- Kelsey & Freeman, lumber, Toledo, Ohio.
- Kelsey, Harlan P., architect, Salem, Mass.
- Kelsey Htg. Co., steam & hot water contr., 103 Park av, New York.
- Kelsey Heating Co., warm air furnaces, Syracuse, N. Y.
- Kelsey, Horatio, handles & wagon spokes, Clinton, Conn.
- Kelsey Press Co., machsts. & fndrs., Meriden, Conn.
- Kelsey, W. E., & Son, lumber mfrs., North Tonawanda, N. Y.
- Kelsey Wheel Co., brake drums, 1203 Military av, Detroit, Mich.
- Kelsh, Hy., machst., South River, N. J.
- Kelso & Co., fruit & veg. pulp rubbing machy., 559 W. Quincy, Chicago, Ill.
- Kelso & Co., pianos, 2 W. 140th, New York.
- Kelso Lbr. Co., Kelso, Wash.
- Kelting, Alb. J., machst. & fndr., 459 Carroll, Brooklyn, N. Y.
- Kelton's, M. M., Son, printing presses & machy., 76 S 8th, Brooklyn, N. Y.
- Kelty, S. L., canned goods, Quinton, N. J.
- Kelwin, H. J., architect, Babylon, N. Y.
- Kemlein & Leahy, marble interior wk., Long Island City, N. Y.
- Kemler Lbr. Co., 1168 N. Halsted, Chicago, Ill.
- Kemmer, Alva E., contractor, Lafayette, Ind.
- Kemmerer, C. J., contractor, Ambler, Pa.
- Kemeter, Gottlieb, brick, Jefferson, Wis.
- Kemnitz, Geo. A., architect, 1107 Island av, Milwaukee, Wis.
- Kemnitz, Emil, glass stainers, 280 S. 3d, Memphis, Tenn.
- Kemp, Alex., granite, S. Quincy, Quincy, Mass.
- Kemp, C. M., Mfg. Co., fuel gas machines & burners, mfrs., Balto., Md.
- Kemp, F. H., architect, Beloit, Wis.
- Kemp, J. W., flour, Wynnewood, Okla.
- Kemp, Jas. F., & Bro., cornices, McKeesport, Pa.
- Kemp, Jas. N., Mach. Wks., Albany, N. Y.
- Kemp, John F., & Co., machsts., Quincy, Mass.
- Kemp, Lysander & Sons, soap, Cambridge, Mass.
- Kemp Mach. Wks., Muncie, Ind.
- Kemp Rubber Co., 326 Washington, Buffalo, N. Y.
- Kemp, W. H. Co., bronze powders & aluminum alloys, gold leaf, etc., 165 Spring, New York.
- Kempe, P., & Co., stone, 571 Mather, Chicago, Ill.
- Kemper, B. F., architect, Marshall town, Ia.
- Kemper Constr. Co., 905 Walnut, Philadelphia, Pa.
- Kemper-Odee Engine Co., Albert Lea, Minn.
- Kempert, A. F., brick, contractor, 245 S. Morton av, Dayton, O.
- Kempert & Sherer, brick, Dayton, Ohio.
- Kempf, Geo., Sons, contractors, 823 Virginia, Buffalo, N. Y.
- Kempsmith Mfg. Co., milling machines, tools & vises, West Allis, Wis.
- Kendall, Frank A., architect, 45 Bromfield, Boston, Mass.
- Kendall, Hadley, & Co., sash, door & blind mfrs., Goffstown, N. H.
- Kendall Heating Co., Portland, Ore.
- Kendall, J. B. Co., whol. hdwe., mill & facty. supplies, 485 Missouri av, Washington, D. C.
- Kendall & Little, canned goods, Copalis, Wash.
- Kendall, M. K., & Co., contractors, 110 Pearl, Boston, Mass.
- Kendall Mfg. Co., glycerine, soap, powder, etc., 90 Friendship, Providence, R. I.
- Kendall Refining Co., belt dressing, oils, etc., Bradford, Pa.
- Kendall & Smith, architects, Southern Bldg., Washington, D. C.
- Kendall Specialty Co., envelope sealing machines, 1270 B'way, New York.
- Kendall, Taylor, & Co., architects, 93 Federal, Boston, Mass.
- Kendall, William C., flour mills, Berry, Ky.
- Kendall, Wm. Mitchell, architect, 101 Park av, New York.
- Kenderline, T. S., & Sons, fertilizer mfrs., Newtown, Pa.
- Kendrick & Brown Co., lumber mfrs., Glens Falls, N. Y.
- Kendrick, Chas. E., architect, Gary, Ind.
- Kendrick, Davis, Co., dynamo & motor mfrs., tools, toys, etc., Lebanon, N. H.
- Kendrick, J. H. & M. B., masons & bldrs.' matls., Thomson, Ga.
- Kendrick, Jas. R., Co., elastic hosiery, 125 Herman, Phila., Pa.
- Kendrick Valve & Washer Co., Syracuse, N. Y.
- Keneffick, Wm., contractor, Bryant Bldg., Kansas City, Mo.
- Kenehan Steel Belt Fastener Co., 1252 W. 3d, N. W., Cleveland, Ohio.
- Keney Bros., stone producers, Long Eddy, N. Y.
- Kenfield-Lamoureux Co., lumber, packing boxes, etc., Washburn, Wis.
- Kenilworth Tile Co., Newell, W. Va.
- Keniston, Geo. D., & Son, handles, Rumney, N. H.
- Kenker, Fred., & Sons, packing box mfrs., 3904 N. Bend rd, Cheviot, Cincinnati, Ohio.
- Kenll, Andrew, Jr., contractor, 215 St. Paul, Baltimore, Md.
- Kenn-Well Contracting Co., 841 B'way, New York.
- Kenna, Hermann, architect, Miner Bldg., Butte, Mont.
- Kennard Canning Co., Kennard, Ind.
- Kennard, F. H., landscape architect, 220 Devonshire, Boston, Mass.
- Kennard, Francis J., architect, Tampa, Fla.
- Kennard Iron Wks., fdrs., Plainfield, N. J.
- Kennebunk Mfg. Co., megaphones, shoes, trees, trav. bags, suit cases, etc., Rochester, N. Y.
- Kennedy Bros., contractors, Midland Bldg., Kansas City, Mo. & Youngstown, Ohio.
- Kennedy Bros., sashes, doors & blinds, Sumter, S. C.
- Kennedy Car Liner & Bag Co., paper shipping covers, Shelbyville, Ind.
- Kennedy Co., masons & bldrs.' matls., Montgomery, Ala.
- Kennedy Co., plumbers & steam fitters' supplies, Euclid av, Cleveland, Ohio.
- Kennedy & Co., stoves, Rochester, N. Y.
- Kennedy, D. J., Co., masons & bldrs.' matls., 6306 Frankstown av, Ptg., Pa.
- Kennedy, D., & Sons, woolen blankets, Monticello, Wis.
- Kennedy, D. V., & Co., flour mills, Stanford, Ky.
- Kennedy, David E., sanitary flooring & cork tile, 53 5th av, New York.
- Kennedy, Ernest, architect, Essex Bldg., Minneapolis, Minn.



- Kennedy & Forbes, architects, Missoula, Mont.  
 Kennedy & Greig, machsts., 209 2d av, Detroit, Mich.  
 Kennedy, H. E., Co., architects, Home Trust Bldg., Ptg., Pa.  
 Kennedy Heating Co., cooperage stock, Memphis, Tenn.  
 Kennedy, J. D. & Co., masons & bldrs.' matls., Dime Bk. Bldg., Detroit, Mich.  
 Kennedy, J. E., pumps, 30 E. 42d, New York.  
 Kennedy, J. E. & Co., surgical & dental instruments, 201 E. 23d, New York.  
 Kennedy, J. J., masons & bldrs.' matls., Zelienople, Pa.  
 Kennedy, J. M., architect, Raleigh, N. C.  
 Kennedy, J. Sarsfield, architect, 157 Remsen, Brooklyn, N. Y.  
 Kennedy, Jas., contractor, Fargo, N. D.  
 Kennedy Jerome, masons & bldrs.' matls., Dexter, Ga.  
 Kennedy, Jesse F., architect, Lexington, Ky.  
 Kennedy, Jno., & Co., contractors, 1133 B'way, New York.  
 Kennedy, John J., architect, Ford Bldg., Wilmington, Del.  
 Kennedy, Jno. W., architect, Cohokio Bldg., East St. Louis, Ill.  
 Kennedy, Joseph, architect, 6 N. 4th, Harrison, N. J.  
 Kennedy, Julian, blast furnaces, Bessemer Bldg., Pittsburgh, Pa.  
 Kennedy, L. J., & Sons, contractors, Port Chester, N. Y.  
 Kennedy-Lopez Oyster & Fish Co., canned, Biloxi, Miss.  
 Kennedy Mfg. Co., cooperage stock, Memphis, Tenn.  
 Kennedy Mfg. Co., tool kits, 14 E. Jackson blvd, Chicago, Ill.  
 Kennedy, P. J., & Co., contractors, Holyoke, Mass.  
 Kennedy, P. W., tubular boilers, 1201 Beecher, Indianapolis, Ind.  
 Kennedy & Pegelow, canned goods, Williamsburg, Md.  
 Kennedy & Peterson Construction Co., 7 Water, Boston, Mass.  
 Kennedy, Ralph M., saws, 117 N. 7th, Philadelphia, Pa.  
 Kennedy-Stroh Corporation, castings, Pittsburgh, Pa.  
 Kennedy, T., machinist, Galena, Kans.  
 Kennedy Valve Mfg. Co., Elmira, N. Y.  
 Kennedy Van Saun Mfg. & Eng. Corp., crushing, mining, cement machinery, etc., 120 B'way, New York.  
*See adr. index at end of book.*  
 Kennedy, W. A., Hardware Co., whol., Canton, Ohio.  
 Kennedy, W. T., & Co., architects, 462 blvd, Rockaway Beach, New York.  
 Kennedy Wall Cabinet Co., 4439 N. Clark, Chicago, Ill.  
 Kennedy, Walter, blast furnaces, Bessemer Bldg., Pittsburgh, Pa.  
 Kennedy-Webster Co., time switches, 536 S. Clark, Chicago, Ill.  
 Kennedy's, P., Fdry. Co., So. Charles & Wells, Baltimore, Md.  
 Kennehan, P. E., agricultural implements, Brasher Falls, N. Y.  
 Kennel Food Supply Co., canned, Fairfield, Conn.  
 Kennelly, Jno. J., machsts., 794 10th av, New York.  
 Kennerly Hardware Co., Palatka, Fla.  
 Kennerly, S. G., hardware, whol., Gainesville, Tex.  
 Kennerly & Stiegmeyer, architects, Benoist Bldg., St. Louis, Mo.  
 Kennesaw Marble Co., Marietta, Ga.  
 Kenneth, W. D., architect, 258 B'way, New York.  
 Kennett, A. C., lumber, Conway, N. H.  
 Kennett Cypress & Hardwood Lumber Co., Davenport, Ia.  
 Kennett Engine & Boiler Wks., Kennett, Mo.  
 Kennett Fndry. & Mach. Co., Kennett Square, Pa.  
 Kenney, B. E., Lumber Co., Frankfort, Ky.  
 Kenney Bros., sashes, doors & blinds, Fort Smith, Ark.  
 Kenney, F. Mfg. Co., tex. machy. (mill soaps), 368 Dorchester av, Boston, Mass.  
 Kenney, J. R., cornices, 251 S. Wayne av, Dayton, Ohio.  
 Kenney, Jos. B. & Co., die stamping & electroplating, 1205 Olive, St. Louis, Mo.  
 Kenney Machinery Co., 124 S. Capitol av, Indianapolis, Ind.  
 Kenney, R. S., brick, Hebron, Ind.  
 Kennicott Co., machsts., Chicago Heights, Ill.  
 Kennington Iron Wks., 414 3d av, Brooklyn, N. Y.  
 Kennison, H. A., architect, McKnight Bldg., Minneapolis, Minn.  
 Kennon, Chas. C., contractor, 715 18th, N. W., Washington, D. C.  
 Kenny Boiler & Mfg. Co., 6th & Locust, St. Paul, Minn.  
 Kenny, J. T., & Co., soap & scouring powders, St. Paul, Minn.  
 Kenny, Wm. F., & Co., stone producers, wkrs. & dhrs., 347 Columbia, Brooklyn, N. Y.  
 Kenosha Knitting Co., sweaters, cardigans, etc., Kenosha, Wis.  
 Kenova Poplar Mfg. Co., oak flooring, Kenova, W. Va.  
 Kenower, John, & Sons, lumber mfrs., Huntington, Ind.  
 Kensington Engine Wks. Co., machsts. & fndrs., Beach & E. Berks, Philadelphia, Pa.  
 Kensington Hair Cloth Co., Palethorp & Somerset, Phila., Pa.  
 Kensington Pearl Button Co., 2d & Diamond, Philadelphia, Pa.  
 Kent, Amos, Lumber & Brick Co., Hammond, La.  
 Kent, Atwater, Mfg. Wks., auto. horns, 4937 Stenton, Philadelphia, Pa.  
 Kent, E., & Co., masons & bldrs.' matls., Clinton, Ill.  
 Kent, Geo. W., contractor, Arlington Heights, Mass.  
 Kent Iron & Steel Corp., 40 S. 8th, Brooklyn, N. Y.  
 Kent, J. H., architect, Dooly Bldg., Salt Lake City, Utah.  
 Kent, J. S. Co., lumber, Harrison Bldg., Philadelphia, Pa.  
 Kent, Lindley C., Co., mill & facty. supplies, Front & Monroe, Wilmington, Del.  
 Kent Lubricating Co., Waukesha, Wis.  
 Kent Machine Co., chocolate, paint grinding & varnish makers, machinery, etc., 37 Gold, Brooklyn, N. Y.  
 Kent Machine Co., concrete, Kent, Ohio.  
 Kent Mill Co., mfrs. grinding & crushing mills, 10 Rapelyea, Brooklyn, N. Y.  
 Kent Milling Co., flour, Kent, Ind.  
 Kent Motors Corp., 1790 B'way, New York.  
 Kent-Owens Machine Co., Toledo, Ohio.  
 Kent, Percy, Co., second hand bags, burlap, etc., 33 Pearl, New York.  
 Kent & Purdy Paint Co., 11th & Mullanphy, St. Louis, Mo.  
 Kent, T., Mfg. Co., woolen blankets, Clifton Heights, Pa.  
 Kent Vacuum Cleaner Co., Rome, N. Y.  
 Kent, Willard, architect, Woonsocket, R. I.  
 Kent, Wm. P., & Co., printing & lithographic inks, 49 Rose, New York.  
 Kenton Carriage Co., Kenton, Ohio.  
 Kenton Hardware Co., iron & steel toys, Kenton, Ohio.  
 Kenton Marble & Granite Co., Kenton, Ohio.  
 Kenton Supply Co., masons & bldrs.' matls., Covington, Ky.  
 Kentucky Bedding Co., mattresses, Louisville, Ky.  
 Kentucky Bluestone Co., Freestone, Ky.  
 Kentucky Consumers' Oil Co., boiler compounds, Louisville, Ky.  
 Kentucky Culvert Mfg. Co., Buechel, Ky.  
 Kentucky Distilleries & Warehouse Co., 27 William, New York.  
 Kentucky Electrical Co., Owensboro, Ky.  
 Kentucky Fertilizer Co., Louisville, Ky.  
 Kentucky Fire Brick Co., Portsmouth, Ohio.  
 Kentucky Fluor Spar Co., Marion, Ky.  
 Kentucky Freestone Co., stone producers, 2629 Spring Grove av, Cincinnati, Ohio.  
 Kentucky Lumber Co., Burnside, Ky.  
 Kentucky Peerless Dist. Co., Henderson, Ky.  
 Kentucky Portland Cement & Coal Co., Pine Hill, Ky.  
 Kentucky Rim & Shaft Co., Louisville, Ky.  
 Kentucky River Mills, cordage & twine, Frankfort, Ky. G  
 Kentucky River Stone & Sand Co., Lawrenceburg, Ky.  
 Kentucky Saw Wks., 1004 W. Main, Louisville, Ky.  
 Kentucky Silica Co., sand, Louisville, Ky.  
 Kentucky Stamping Co., rural mail boxes, fountains, lamps, etc., Louisville, Ky.  
 Kentucky Stove Co., Louisville, Ky.  
 Kentucky Tobacco Product Co., Louisville, Ky.  
 Kentucky Univ., engng. school & coll., Lexington, Ky.  
 Kentucky Veneer Wks., 13th & Magnolia, Louisville, Ky.  
 Kentucky Wagon Mfg. Co., carts, storage battery trucks & trailers, 3d & K, Louisville, Ky.  
 Kentucky Wall Plaster Co., Louisville, Ky.  
 Kentucky Whip & Collar Co., Eddyville, Ky.  
 Kenvil Lumber & Store Co., Kenvil, N. J.  
 Kenwood Bridge Co., First Nat'l Bank Bldg., Chicago, Ill.  
 Kenwood Heating Co., 4825 St. Lawrence, Chicago, Ill.  
 Kenyon, A. P., ship builders, Marine City, Mich.  
 Kenyon Canning Co., Kenyon, Minn.  
 Kenyon, Chas. E., mattresses, Ocean Grove, N. J.  
 Kenyon, D. R., & Son, machsts. & fndrs., Raritan, N. J.  
 Kenyon, Geo. G., Lbr. Co., 601 E. Watts, Syracuse, N. Y.  
 Kenyon, H. T., & Co., contractors, masons' & bldrs.' matls., Westerly, R. I.  
 Kenyon, J. J., Mfg. Co., shoe laces, Pawtucket, R. I.  
 Kenyon, Jas. S., contractor, Bremerton, Wash.  
 Kenyon Lumber Co., Sandy Hill, N. Y.  
 Kenyon, R. L., Co., portable houses, Waukesha, Wis.  
 Kenyon & Stanley, stone producers, Bethany, Mo.  
 Kenyon, Wm. M., & Maine, Maurice F., architects, Metropolitan Life Bldg., Minneapolis, Minn.  
 Keo Shingle Co., England, Ark.  
 Keogh, John W., & Co., tow, 1807 S. Clark, Chicago, Ill.  
 Keokuk Brick & Tile Co., Keokuk, Ia.  
 Keokuk Canning Co., Keokuk, Ia.  
 Keokuk Hydraulic Tire Setter Co., Keokuk, Ia.  
 Keonig, D. B., & Co., garment hangers, Hazleton, Pa.  
 Keough Bros., contractors, Hamline & Otto av, St. Paul, Minn.  
 Kepler, H. A., contractor, 700 N. 12th, Kansas City, Kan.  
 Kepner, Arthur S., architect, Pottstown, Pa.  
 Kepner & Smith, architects, Frederick, Md.  
 Keppler Glass Constr. Co., plain & prismatic vault & sidewalk lights, 101 Park av, New York.  
 Kepplinger, Geo. J., floor scraping machines, Dwight, Ill.  
 Ker, Lloyd, Iron Wks., founders, 252 Spear, San Francisco, Cal.  
 Keramic Studio, trade publications, Syracuse, N. Y.  
 Keratol Co., artificial leather, 348 Van Buren, Newark, N. J.  
 Kerbaugh, H. S., Inc., contractor, 6 Church, New York.  
 Kerbaugh Lime Co., Washington av. c. 15th, Philadelphia, Pa.  
 Kerber Packing Co., meat packers, Elgin, Ill.  
 Kerby & Bro., tailors' squares & glass cutters' rules, 51 Fulton, New York.  
 Kerby & Cali, architects, 470 E. Tremont av, New York.  
 Kerchoff-Cuzner Lumber Co., Pasadena, Cal.  
 Kerchoff-Cuzner Mill & Lbr. Co., 900 S. Main, Los Angeles, Cal.  
 Kerens Cotton Oil Co., meal, Kerens, Tex.  
 Kerite Insulated Wire & Cable Co., rubber goods, Seymour, Conn.  
 Kerkelager, M. W., mill soaps, 17th & Sedgley av, Phila., Pa.  
 Kerkow, Chas., architect, 101 Park av, New York.  
 Kermath Mfg. Co., marine engines, 45 Fort. E. Detroit, Mich.  
 Kern, A., picks, mattocks, etc., Fleetwood, Pa.  
 Kern Burner Co., arc & gas lamps, 217 & 125th, New York.  
 Kern Commercial Co., packing mfrs., 114 Liberty, New York.  
 Kern, Geo., meat packer, 350 W. 38th, New York.  
 Kern, J. B. A., & Sons, wheat flour, 31 Cherry, Milwaukee, Wis.  
 Kern, Jno., & Son, meat packers, Portland, Me.  
 Kern, S. Y., & Son, carriages, Coopersburg, Pa.  
 Kern & Son, mailing tubes, etc., 409 Pearl, New York.  
 Kern, Thos., Lumber Co., sash, door & blind, Slatington, Pa.



Kern, Wm. S., machinists, Wilkes-Barre, Pa.  
 Kernan, John F., mattresses, Oswego, N. Y.  
 Kernan, R. H., contractor, South Orange, N. J.  
 Kernan, W. J., & Co., contractors, 425 S. Cincinnati, Dayton, O.  
 Kernchen Co., ventilator mfrs., 332 S. Mich. av, Chicago, Ill.  
 Kernchen, J. C., vent. mfr., 105 S. Dearborn, Chicago, Ill.  
 Kerner Contr. Co., 405 Lexington av, New York.  
 Kerner, E. V., architect, Century Bldg., Pittsburgh, Pa.  
 Kerner Incinerator Co., 596 Clinton, Milwaukee, Wis.  
 Kerner, P., & Sons, contractors, Utica, N. Y.  
 Kernochan & Co., whol. hdwe., mill, facty. & plumbers' supplies, Titusville, Pa.  
 Kerns & Carroll, architects, Coatesville, Pa.  
 Kerns, Geo. M., architect, Commercial Trust Bldg., Ottumwa, Ia.  
 Kerns, John A., architect, Washington, Pa.  
 Kerns & Reese, flour mills, Jamestown, Ky.  
 Kerns, T. A., machst. & fndr., Sutherland, Va.  
 Kernshaw, C. G., Contracting Co., Woodward Bldg., Birmingham, Ala.  
 Kerr, A. H., & Co., bottles, glass, Portland, Ore.  
 Kerr, Alex., & Son, contractors, Elizabeth, N. J.  
 Kerr Bros. Co., cornices & skylights, Coldwater, Mich.  
 Kerr, C. H., Co., contractors, 2565 5th av, Pittsburgh, Pa.  
 Kerr & Co., belt lacing & fasteners, 114 Liberty, New York.  
 Kerr, Gifford & Co., masons' & bldrs.' matls., Seattle, Wash.  
 Kerr Glass Mfg. Co., Portland, Ore.  
 Kerr, H. L., architect, Honolulu, Hawaii.  
 Kerr & Ingram, sash, door & blind mfrs., Homestead, Pa.  
 Kerr, J. E., & Co., Annatto, 25 Beaver, New York.  
 Kerr, J. M., Co., wholesale hardware, Gallipolis, Ohio.  
 Kerr, J. T., machst. & fndr., Durham, N. C.  
 Kerr, L. S. D., rims, spokes, wheels, etc., wagon & carriage, Frenchtown, N. J.  
 Kerr Machy. & Supply Co., mill & facty. supplies.  
 Kerr Paper Mill Co., East Downingtown, Pa.  
 Kerr, R. J., Co., contractors, Farmers Bank Bldg., Pitts'bg., Pa.  
 Kerr Turbine Co., Wellsville, N. Y.  
 Kerrick Construction Co., 607 3d av, N. E., Minneapolis, Minn.  
 Kerrihard Co., machsts. & fndrs., Red Oak, Ia.  
 Kerry & Hanson Flooring Co., Grayling, Mich.  
 Kershaw, John W., Co., Turkish towels, 23d & Hamilton, Philadelphia, Pa.  
 Kershaw, Nelson, Turkish towels, Clifton Heights, Pa.  
 Kershaw Oil Mill, fertilizer mfrs., Kershaw, S. C.  
 Kershaw, W. B., carriages, New Rochelle, N. Y.  
 Kershaw, W. F., lumber mfr., Marianna, Ark.  
 Kershner, Matthias, & Fritch, hardware, whol., Reading, Pa.  
 Kersten, S., heating contr., 554 W. Jackson Blvd., Chicago, Ill.  
 Kersting, J. H., embossing dies, stencils, etc., 75 Fulton, New York.  
 Kertscher & Co., interior finish mfrs., Elmira, N. Y.  
 Kertz, Herman, architect, Com. Bldg., St. Paul, Minn.  
 Kerwin, Andrew J., Jr., contractor, 1133 B'way, New York.  
 Kerwin Glass Co., 929 N. 6th, St. Louis, Mo.  
 Kerwin Mach. Co., Detroit, Mich.  
 Keshin, Blithstein & Co., sash, door & blind mfrs., Burroughs av, Brooklyn, N. Y.  
 Kesler Mfg. Co., cotton sheeting, Salisbury, N. C.  
 Kesler, P. W., & Co., canned goods, Roanoke, Va.  
 Kessel, Henry A., Co., mill & facty. supplies, 38 Pearl, New York.  
 Kesselman & Co., machinists, Butler, Pa.  
 Kessler-Barkow Saddlery Co., Atchison, Kan.  
 Kessler Co., acetate of lime, 720 Electric Bldg., Cleveland, Ohio.  
 Kessler, F. M., & Son, canned goods, Buchanan, Va.  
 Kessler, Fred, cornices, 2708 Larimer, Denver, Colo.  
 Kessler, Geo., Contr. Co., Drexel Bldg., Philadelphia, Pa.  
 Kessler, Geo. E., & Co., landscape architects, Security Bldg., St. Louis, & Fidelity Bldg., Kansas City, Mo.  
 Kessler, J., lbr., Daggett, Mich.  
 Kessler, Jos. G., spelter, 269 Russell, Brooklyn, N. Y.  
 Kessler, Julius, & Co., gin distillers, 337 W. Madison, Chicago, Ill., 63 Park Row, New York.  
 Kessler, P., & Son, canned goods, Butler, Md.  
 Kessler, S. E., masons' & bldrs.' matls., Columbia City, Ind.  
 Kessling, Edw., clinical thermometers, 96 Suydam, Bklyn., N. Y.  
 Kester Elec. Co., machinists, Terre Haute, Ind.  
 Kesti & Son, granite producers, Rocklin, Cal.  
 Kestler, John A., machinist, Lynchburg, Ohio.  
 Kestner Evaporator Co., 18th & Allegheny, Philadelphia, Pa.  
 Ketcham, Howard, lumber, 1160 N. 3d, Philadelphia, Pa.  
 Ketcham Iron Co., Fort Smith, Ark.  
 Ketcham & McDougall, sewing thimbles, 15 Maiden la, New York.  
 Ketcham & McQuade, contractors, 1029 Brown, Philadelphia, Pa.  
 Ketcham, O. W., front brick & terra cotta mfrs., 24 So. 7th, Philadelphia, Pa.  
 Ketcham, Tredwell, contractor, 424 E. 165th, New York.  
 Ketchen-Wilder, architects, 36 N. Main, Waterbury, Conn.  
 Ketcheson, J. C., pads & tablets, Leavenworth, Kan.  
 Ketchum, D. A. (Est.), masons' & bldrs.' matls., Middletown, N. Y.  
 Ketchum, W. E., architect, 1st Nat'l Bk. Bldg., Austin, Tex.  
 Ketler-Elliott Erection Co., contractors, 155 N. Clark, Chicago, Ill.  
 Kettenhofen, N., stone prod., Manitowoc, Wis.  
 Ketter Buggy Co., Ironton, Ohio.  
 Ketter, Fred (Est. of), cooperage, Milwaukee, Wis.

Ketterlinus Lithographic Mfg. Co., advtg. novelties, 4th & Arch, Philadelphia, Pa.  
 Ketterman Packing Co., canned goods, Urbana, Ia.  
 Kettle River Co., stone producers, Plymouth Bldg., Minneapolis, Minn.  
 Keuffel & Esser Co., barometers, measuring rods, Hoboken, N. J.  
 Kevil, R. U., & Sons, flour mills, Princeton, Ky.  
 Kewanee Boiler Co., Kewanee, Ill.  
 Kewanee Mfg. Co., coal chutes & sleeping berths, Kewanee, Ill.  
 Kewanee Mfg. Co., laboratory wood work, Kewanee, Wis.  
 Kewanee Private Utilities Co., mfrs. engines, pumps, tanks, etc., Kewanee, Ill.  
 Key City Decorative Glass Wks., Dubuque, Ia.  
 Key City Packing Co., canned goods, Port Townsend, Wash.  
 Key City Roofing Co., Dubuque, Ia.  
 Key, E. H., sweaters, etc., Fort Hunter, N. Y.  
 Key, James, Brick Co., Chattanooga, Tenn.  
 Key-Lock Arch Construction Co., tile mfrs., 103 Park av, New York.  
 Keyes-Davis Co., radiator brushes & waste cans, Battle Creek, Mich.  
 Keyes, F. E., paper mill machy. etc., 20 Broad, New York.  
 Keyes Fibre Co., wood & paper dishes, Waterville, Me.  
 Keyes, Henry F., architect, 78 Devonshire, Boston, Mass.  
 Keyes, Jas. A., machst. & fndr., 652 Hudson, New York.  
 Keyes, L. D., contractor, Des Moines, Ia.  
 Keyes Products Co., artificial lumber, paper & pulp mills, veneer panels, etc., 120 Broadway, New York.  
 Keyes, W. H., & Co., contractors, 319 Washington, Boston, Mass.  
 Keyless Auto Clock Co., 246 W. 59th, New York.  
 Keyless Lock Co., Indianapolis, Ind.  
 Keyoke Ry. Equipment Co., Monadnock Bldg., Chicago, Ill.  
 Keyport Dry Dock Co., Keyport, N. J.  
 Keys Bros., carriages, Council Bluffs, Ia.  
 Keys & Miller Lumber Co., sash, door & blind mfrs., Elkton, Md.  
 Keys Piston Ring Co., 3049 Olive, St. Louis, Mo.  
 Keys, T. W., contractor, La Salle, Ill.  
 Keys-Walker Lumber Co., lumber, Roanoke, Va.  
 Keyser Canning Co., Keyser, W. Va.  
 Keyser Clarence A., architect, 41 S. 15th, Philadelphia, Pa.  
 Keyser Hardware Co., Keyser, W. Va.  
 Keystone Bros., harness, saddles, etc., 120 2d, San Francisco, Cal.  
 Keystone Albumen & Paint Co., 1346 N. Marston, Phila., Pa.  
 Keystone Axle Works, car, 33d & A. V. R. R., Pittsburgh, Pa.  
 Keystone Blue Paper Co., 910 Filbert, Philadelphia, Pa.  
 Keystone Boiler Works, Main & Folsom, San Francisco, Cal.  
 Keystone Bone Fertilizer Co., 15 N. 5th, Philadelphia, Pa.  
 Keystone Bottle Mfg. Co., Uniontown, Pa.  
 Keystone Box Co., packing, 26th & Liberty av, Pittsburgh, Pa.  
 Keystone Box Mfg. Co., packing, 701 E. Girard av, Phila., Pa.  
 Keystone Brass Co., machsts. & fndrs., Erie, Pa.  
 Keystone Brick Co., Godfrey, E. 2d, St. Park, Philadelphia, Pa.  
 Keystone Bronze Co., machsts. & fndrs., 39th & A. V. R. R., Pittsburgh, Pa.  
 Keystone Clay Products Co., common brick, Greensburg, Pa.  
 Keystone Coal & Coke Co., Greensburg, Pa.  
 Keystone Cut Glass Co., Hawley, Pa.  
 Keystone Die Stock Co., 652 W. 47th, Chicago, Ill.  
 Keystone Driller Co., steam shovels, well drilling machines & deep well pumps, 8th av & 20th, Beaver Falls, Pa.  
 Keystone Drop Forge Wks., Chester, Pa.  
 Keystone Emery Mills, 4325 Paul, Philadelphia, Pa.  
 Keystone Equipment Co., tool holders, 1825 Walnut, Phila., Pa.  
 Keystone Farm Machine Co., agri. implmt. mfrs., York, Pa.  
 Keystone Fibre Co., mill boxes, Yorklyn, Del.  
 Keystone Film Co., 1459 Broadway, New York.  
 Keystone Fire Door Co., 1231 Irwin av, Pittsburgh, Pa.  
 Keystone Fireproofing Co., Chester, Pa.  
 Keystone Flour Co., cereal foods, 1534 Ridge av, Phila., Pa.  
 Keystone Forging Co., Northumberland, Pa.  
 Keystone Fdry. Co., Pottstown, Pa.  
 Keystone Fndry. Supply Co., Buffalo, N. Y.  
 Keystone Friction Hinge Co., Williamsport, Pa.  
 Keystone Furnace Construction Co., blast, Farmers' Bk. Bldg., Pittsburgh, Pa.  
 Keystone Gas Fixture Wks., Reading, Pa.  
 Keystone Glue Co., Williamsport, Pa.  
 Keystone Guano Co., fertilizer mfrs., Sylvester, Ga.  
 Keystone Hair Insulator Co., 1243 Spring Garden, Pittsburgh, Pa.  
 Keystone Handle Co., Corydon, Pa. & Johnsonville, Tenn.  
 Keystone Heating Co., Reading, Pa.  
 Keystone Iron & Metal Co., Bessemer Bldg., Pittsburgh, Pa.  
 Keystone Iron Works, Los Angeles, Cal.  
 Keystone Lantern Co., screw caps, etc., Tacony & Cottman, Philadelphia, Pa.  
 Keystone Latch Needle Co., textile machy., supplies, etc., 543 W. Lehigh av, Philadelphia, Pa.  
 Keystone Lime Co., Charleston, S. C.  
 Keystone Lubricating Co., Philadelphia, Pa.  
 Keystone Lumber Co., sash, door & blind mfrs., Tacoma, Wash.  
 Keystone Lumber Co., Williamsport, Pa.  
 Keystone Mach. Wks., Sunbury, Pa.  
 Keystone Mfg. Co., machsts., Buffalo, N. Y.  
 Keystone Mills Co., lumber, Waukegan, Tex.  
 Keystone Oil & Mfg. Co., 111 N. Market, Chicago, Ill.



- Keystone Ornamental Iron & Bronze Wks., 830 Howard, San Francisco, Cal.
- Keystone Ornamental Iron Co., Homestead, Pa.
- Keystone Paint & Filler Co., Muncy, Pa.
- Keystone Paint & Oil Co., lubricating, Columbus, Ohio.
- Keystone Paper Mills Co., Upper Darby, Pa.
- Keystone Pipe & Supply Co., Butler, Pa.
- Keystone Planing Mill, sash, door & blind, Lancaster, Pa.
- Keystone Plaster Co., Chester, Pa.
- Keystone Pottery Co., Trenton, N. J.
- Keystone Roofing Mfg. Co., York, Pa.
- Keystone Screw Co., 17th & Lehigh, Philadelphia, Pa.
- Keystone Seal & Press Co., meter seals, 39 Cortlandt, New York.
- Keystone Slate Co., roofing slate, Chapman Quarries, Pa.
- Keystone Spring Wks., machsts., 13th & Buttonwood, Philadelphia, Pa.
- Keystone State Constr. Co., Penna Bldg., Philadelphia, Pa.
- Keystone Steel Casting Co., fndrs., Chester, Pa.
- Keystone Steel Co., floor plates & stair treads, Warren, Pa.
- Keystone Steel & Wire Co., Peoria, Ill.
- Keystone Stoker Co., mechl. stokers, Greenfield, Mass. & 30 Church, New York.
- Keystone Stone & Lime Co., Paxtang, Pa.
- Keystone Stove Fdry., Spring City, Pa.
- Keystone Structural Co., steel structural work, Royersford, Pa.
- Keystone Supply & Mfg. Co., plumbers' supplies, jobbers, 917 N. 9th, Philadelphia, Pa.
- Keystone Tag Co., West Chester, Pa.
- Keystone Tube Wks., Connellsville, Pa.
- Keystone Type Fdry., 9th & Spruce, Philadelphia, Pa.
- Keystone Underwear Co., sweaters, Lititz, Pa.
- Keystone Varnish Co., 71 Otsego, Brooklyn, N. Y.
- Keystone Vehicle Co., auto. metal bodies, Reading, Pa.
- Keystone Watch Case Co., 1411 Walnut, Philadelphia, Pa.
- Keystone Wire Matting Co., Beaver Falls, Pa.
- Keysville Plow Works, Machsts. & fndrs., Keysville, Va.
- K. G. Welding & Cutting Co., 556 W. 34th, New York.
- Khalizog Silk Co., silk thread, 91 5th av, New York.
- Khin Trunk & Bag Co., 215 Bergen, Newark, N. J.
- K-H Sign Co., elec., Aiken av. & P. R. R., Pittsburgh, Pa.
- Kiamansi Woolen Co., blankets, Stanton, Del.
- Kiamensi Clay Co., clay, miners & shippers, Newport, Del.
- Kibbee, A. S., & Son, lumber mfrs., Albany, N. Y.
- Kibele, Cuno, architect, Muncie, Ind.
- Kibler, Benj. W., contractor, Tacoma, Wash.
- Kibler, Fred W., masons & bldrs.' matls., Mount Orab, Ohio.
- Kicharo, W. F., & Co., contractors, Des Moines, Ia.
- Kickapoo Sand & Gravel Co., Attica, Ind.
- Kidd & Ashly, architects, Charlottesville, Va.
- Kidd Cap. Jos., & Son, naval architects, Duluth, Minn.
- Kidd Drawn Steel Co., Aliquippa, Pa.
- Kidd, Jos., & Son, naval architects, Palladio Bldg., Duluth, Minn.
- Kidd, Russ, Trunk & Bag Co., Shreveport, La.
- Kidd, William A., architect, Chamber of Commerce, Buffalo, N. Y.
- Kidder & Craig, pruning shears, Rumney, N. H.
- Kidder, J. F., Mfg. Co., cutting & punching machy., Burlington, Vt.
- Kidder, Jerome, Mfg. Co., medical batteries, 907 7th av, New York.
- Kidder, Oswald, Co., dies, Fifth & Norwood, Dayton, Ohio.
- Kidder Press Co., machsts. & fndrs., Dover, N. H.
- Kidder, R. E., Co., woodworking & special machinery, pattern & model making & envelope cutting presses, Worcester, Mass.
- Kidder, R. E., Flour Mills, Kansas City, Mo.
- Kiddie, Richard H., machinist, Kinseman, Ohio.
- Kidds, Alex., Son, cornices, York, Pa.
- Kidney, Geo., packing box mfrs., 7 Walker, New York.
- Kidney, Jas., Co., auto. wood bodies, 429 E. 2d, Cincinnati, O.
- Kiechler Mfg. Co., exhaust & blow piping, etc., Wade & Denman, Cincinnati, Ohio.
- Kieckhefer, A., Elevator Co., St. Paul av, Milwaukee, Wis.
- Kieckhefer Box Co., 16th, Viaduct, Milwaukee, Wis.
- Kiefer, Albert, architect, Jefferson Bldg., Peoria, Ill.
- Kiefer Bros. Cut Glass Co., 4 Ralph av, Brooklyn, N. Y.
- Kiefer, Edgar S., Fanning Co., 216 W. Lake, Chicago, Ill.
- Kiefer, Karl, Machine Co., bottless machinery, 919 Martin, Cincinnati, Ohio.
- Kiefer, W. L., iron, Reading, Pa.
- Kieff, D. D., architect, 335 Sterling, Watertown, N. Y.
- Kieffer Bros., steam fitters' supplies, Syracuse, N. Y.
- Kieffer Paper Co., Brownstown & Ewing, Ind.
- Kieft, Chas., architect, 9 Pike pl, Middletown, Conn.
- Kiehm, Chas., architect, Gardner Bldg., Utica, N. Y.
- Kiehnel & Elliott, architects, Keenan Bldg., Pittsburgh, Pa.
- Kiel & Daues Bricklaying & Contracting Co., 2621 Clark av, St. Louis, Mo.
- Kiel Machine Co., Kiel, Wis.
- Kieley & Mueller, valves, traps, separators, regulators, etc., 43 W. 13th, New York.
- Kientz, John, stone producers, 464 W. State, Columbus, Ohio.
- Kienzle-Merrick Mfg. Co., bank & office railings, 1214 S. 3d, Minneapolis, Minn.
- Kienzie, Wm. F., hdwe. mfrs., plating wks., etc., 4855 N. Paulina, Chicago, Ill.
- Kier, A. H., plate glass, Paterson, N. J.
- Kier Fire Brick Co., Oliver Bldg., Pittsburgh, Pa.
- See adv index at end of book.*
- Kierman, W. C., & Co., contractors, Whitewater, Wis.
- Kies, Wolfgang, stone, 3310 Vleit, Milwaukee, Wis.
- Kieselguhr Co. of America, fireproof contrs., Van Nuys Bldg., Los Angeles, Cal.
- Kiesler, Jos. F., Co., machsts., N. Sangamon & W. Huron, Chicago, Ill.
- Kiesling, Homer, architect, 7 Water, Boston, Mass.
- Kiesslich, Ed. R., contractor, Sherman blvd & Wright, Milwaukee, Wis.
- Klewert, Chas. L., Co., brewers' machy. & supplies, 114 Huron, Milwaukee, Wis.
- Klewert, Chas. L., Co., flam'g arc lamps, 165 Greenwich, New York.
- Kleswetter, Jos., vacuum cleaners, Toledo, Ohio.
- Kift Milling Co., flour, Sunbury, Pa.
- Kilborn & Bishop Co., hdwe. mfrs., New Haven, Conn.
- Kilbourn, R. A., lumber mfrs., Harrisville, N. Y.
- Kilbourne & Clark Mfg. Co., wireless instruments, Seattle, Wash.
- Kilbourne & Jacobs Mfg. Co., agricultural instruments, cars, trucks, etc., Lincoln & Fourth, Columbus, Ohio.
- Kilbourne, M., & Co., machy. dls., 24 W. Mound, Columbus, O.
- Kilbourne Mfg. Corp., knitting machy., New Brunswick, N. J.
- Kilburn, Edw., machinist, Spring Valley, Minn.
- Kilburn, Lincoln, Machine Co., Fall River, Mass.
- Kilby Car & Foundry Co., Anniston, Ala.
- Kilby Frog & Switch Co., Birmingham, Ala.
- Kilby Mfg. Co., sugar & wire & nail machy., etc., 4623 Lakeside av, Cleveland, Ohio.
- Kildust Co., sweeping compounds, Rome, Ga.
- Kile Mfg. Co., machinists & founders, Akron, Ohio.
- Kile & Morgan Co., lbr., R. I. Tr. Bldg., Providence, R. I.
- Kiley, Jas. A., carriages, Somerville, Mass.
- Kiley, Thos. W., & Co., whol. hdwe., mill & facty. supplies, 57 Grand, Brooklyn, N. Y.
- Kilgen, Geo., & Sons, organs, 3825 Laclede av, St. Louis, Mo.
- Kilgore, L. W., contractor, Canton, Ohio.
- Kilgore Mfg. Co., iron toys, Homestead, Pa.
- Kilgore, W. B., contractor, 1272 W. North av, Chicago, Ill.
- Kilgus, Fred, contractor, 13 S. 6th, Newark, N. J.
- Kilham & Hopkins, architects, 9 Park, Boston, Mass.
- Killam, Chas., W., architect, Harvard University, Cambridge, Mass.
- Killam, O. W. & W. T., flour, Grove, Okla.
- Killark Elec. Mfg. Co., enclosed fuses, 22d & Washington, St. Louis, Mo.
- Killeen's Foundry, 774 S. Liberty, New Orleans, La.
- Killefer Mfg. Co., agricultural implements, 2209 Santa Fe, Los Angeles, Cal.
- Killen-Strait Mfg. Co., traction engines, machsts., Appleton, Wis.
- Killen, W. N., packing box, Cato, Wis.
- Killgreen, J. G., contractor, Lewis Bldg., Portland, Ore.
- Killian, A., architect, Owensboro, Ky.
- Killian, D., & Son, fertilizer mfrs., Collinsville, Ala.
- Killian Fire Brick Corp., Killian, S. C.
- Killian Lumber Co., Valdosta, Ga.
- Killingly Mfg. Co., tire fabrics, Killingly, Conn.
- Killion Rubber Co., 26 Clayton, Boston, Mass.
- Killman & Charlie, masons' & bldrs.' matls., Green Bay, Wis.
- Killoch, David, Co., elec. lights (desk), 57 Murray, New York.
- Killorin Contracting Co., Wakefield, Mass.
- Killough, Robt., contractor, Wayne & Dunae, Philadelphia, Pa.
- Kilmer, M. D., & Co., ties, bale, 6001 Quinby, Cleveland, Ohio.
- Kilmer, Roy, architect, Greenville, Tex.
- Kilpatrick, A., & Sons Fndry. Co., Carrie & Bulwer av, St. Louis, Mo.
- Kilpatrick Bros., contractors, Beatrice, Neb.
- Kilpatrick, S. F., lumber manufacturer, Carrolton, Ala.
- Kilroy, Wm. E., Co., contractors, Pawtucket, R. I.
- Kilthan, Gustave, architect, Tuckahoe, & 6 Neptune pl, New Rochelle, N. Y.
- Kilty, Jno. J., masons' & bldrs.' matls., Stillwater, Minn.
- Kim, Geo. A., & Co., plate glass, 318 1st av, Pittsburgh, Pa.
- Kimball, A., Co., pin tickets, 307 B'way, New York.
- Kimball, A. M., & Son, machy. dls., Pine River, Wis.
- Kimball, B. F., & Co., patent leather, Woburn, Mass.
- Kimball Bros. Co., carriages, 112 Sudbury, Boston, Mass.
- Kimball Bros. Co., elevators, P. O. Box 154, Council Bluffs, Ia.
- Kimball Bros. & Sprague, machy. dls., Brockton, Mass.
- Kimball, C. E., & Son, dumb waiters, 178 High, Boston, Mass.
- Kimball, C. J., Co., oil cloth knives, Bennington, N. H.
- Kimball, C. M., Co., metal polish, Winthrop, Mass.
- Kimball, C. P., & Co., autos. & wood & metal bodies, 3900 S. Michigan av, Chicago, Ill.
- Kimball Carriage Co., Manchester, N. H.
- Kimball & Chapell Co., machsts. & fndrs., 2834 Loomis, Chicago, Ill.
- Kimball-Clark Co., lbr., Oshkosh, Wis.
- Kimball & Colwell Co., meat packers, 461 Washington, Providence, R. I.
- Kimball & Combe Co., granite, 96 Westminster, Providence, R. I.
- Kimball-Dietrich Hardware Co., gas ovens, Elgin, Ill.
- Kimball, E. D., & Co., whol. hdwe., 159 N. Market, Chicago, Ill.
- Kimball, E. P., & Son, masons' & bldrs.' matls., Troy, N. H.
- Kimball-Eisenberg Co., plumbers' supp.—jobbers, Detroit, Mich.
- Kimball Elec. Lamp Co., 42 E. 23d, New York.



- Kimball, F. J., Co., engineers, 842 Traction, Los Angeles, Cal.  
 Kimball, Francis H., theatre arch's, 71 B'way, New York.  
 Kimball, Geo. E., masons' & bldrs.' matls., Hingham, Mass.  
 Kimball Glass Co., glassware mfrs., 402 W. Randolph, Chicago, Ill.  
 Kimball, H. M., architect, 1334 Harper av, Los Angeles, Cal.  
 Kimball, Harry Smith, architect, 113 Orchard, Elizabeth, N. J.  
 Kimball, Herbert S., paper & pulp mill architect, 111 Devonshire, Boston, Mass.  
 Kimball & Kopcke, lumber, Knoxville, Tenn.  
 Kimball, L. S., loom pickers, Lowell, Mass.  
 Kimball Lbr. Co., Ry. Exch. Bldg., St. Louis, Mo.  
 Kimball Lbr. & Mfg. Co., Laark, La.  
 Kimball & Prince Lumber Co., Vineland, N. J.  
 Kimball & Roosa, architects, 71 B'way, New York.  
 Kimball, Smallman & Frazee Organ Co., 101 B'way, Ext., Boston, Mass.  
 Kimball & Son, lumber mfrs., Harrisville, N. Y.  
 Kimball, Thos. R., architect, McCague Bldg., Omaha, Neb.  
 Kimball, Tyler Co., wood kegs & tanks, 261 S. 8th, Balto., Md.  
 Kimball, W. A., architect, 114 Howard, Lawrence, Mass.  
 Kimball, W. W., Co., pianos, organs, 304 S. Wabash av, Chicago, Ill.  
 Kimball, Wm. H., lbr., Stratford, N. H.  
 Kimball's, S. G., Son, founders, Newburgh, N. Y.  
 Kimballton Construction Co., Atlantic, Ia.  
 Kimbel, A., & Son, interior hardwood wk., 12 W. 40th, New York.  
 Kimbell, S. S., Brick Co., 133 W. Washington, Chicago, Ill.  
 Kimber, G. A., machinist, 1326 N. Hamlin, Chicago, Ill.  
 Kimberlin, C. W., architect, Owensboro, Ky.  
 Kimberly-Clark Co., paper & pulp mills, Neenah, Wis.  
 Kimberly Mfg. Co., elec. & gas light fixtures, 80 E. Jackson blvd., Chicago, Ill.  
 Kimble Elec. Co., elec. disc fans & motors, 634 N. Western, Chicago, Ill.  
 Kimble, G. A., & Bro., canned goods, Abington, Md.  
 Kimble Glass Co., tubing, vials, 402 W. Randolph, Chicago, Ill.  
 Kimbrough Hardware Co., Muncie, Ind.  
 Kimes, J. B., & Co., slate burial cases, 24th & Callowhill, Philadelphia, Pa.  
 Kimmel, J. W., lumber, Bluffton, Ohio.  
 Kimmey, Frank M., contractor, 1007 W. Onondaga, Syracuse, N. Y.  
 Kimpton, Edw., Co., stationers' specialties, 60 John, New York.  
 Kincade, Cal., & Co., lumber, Spickard, Mo.  
 Kincaid Bros., boiler injectors, 211 Water, Pittsburgh, Pa.  
 Kincaid, Geo. F., architect, Hearst Bldg., San Francisco, Cal.  
 Kincaid Mfg. Co., towels, tickings, Griffin, Ga.  
 Kind & Landesmann, gelatine mfrs., Camden, N. J.  
 Kindel Bed Co., 419 W. Erie, Chicago, Ill.  
 Kindel Bedding & Renovating Co., Denver, Colo.  
 Kinder, Paul P., contractor, Fort Wayne, Ind.  
 Kinderhook Knitting Co., knitted gloves, Kinderhook, N. Y.  
 Kindler & Collins, pianos, 520 W. 48th, New York.  
 Kinemacolor Co. of Am., films, 1600 B'way, New York.  
 Kinetic Elec. Co., machsts., 16 S. Schell, Philadelphia, Pa.  
 Kinetic Elec. Co., storage batteries, Norfolk, Va.  
 Kinetic Engng. Co., organ blowers, 60th & Baltimore av, Philadelphia, Pa.  
 King, A. R., Mfg. Co., automobile bldrs., Kingston, N. Y.  
 King & Andrews Co., founders, Chicago Heights, Ill.  
 King, Arthur B., machinist, Lewiston, Me.  
 King, Beverly S., architect, 103 Park av, New York.  
 King Bridge Co., E. 69th, Cleveland, Ohio  
 King Bros, brick, Colchester, Ill.  
 King Bros., cornices, Danville, Ill.  
 King Buggy Co., carriages, Oxford, N. C.  
 King, C. F., & Co., contractors, Pottsville, Pa.  
 King, C. Volney, masons' & bldrs.' matls., 517 West, New York.  
 King, C. W., lumber, Bowdon, Ga.  
 King Cereal & Mfg. Co., 559 W. Rand., Chicago, Ill.  
 King, Chas. S., masons' & bldrs.' matls., Dayton, Ohio.  
 King, Chas. T., & Co., htg. contrs., 523 N. Charles, Balto., Md.  
 King, Clarence W., architect, 1st Nat'l Bk. Bldg., Shreveport, La.  
 King Construction Co., greenhouse bldrs., North Tonawanda, N. Y.  
 King Contracting Co., 33 Harvard, Boston, Mass.  
 King Cork & Seal Co., 8th & Fayette, Baltimore, Md.  
 King Counter Co., Salem, Mass.  
 King & Dexter Co., mill & facty. supplies, plate glass & whol. hdwe., Portland, Me.  
 King Drill Mfg. Co., Nebraska City, Neb.  
 King, E. & F., Co., aniline colors, 367 Atlantic av, Boston, Mass.  
 King & Estridge, contractors, Bedford, Ind.  
 King, F. E., Co., heating contrs., Norfolk, Va.  
 King Fifth Wheel Co., 5027 Beaumont av, Philadelphia, Pa.  
 King Fire Signal Co., 105 William, New York.  
 King-Fisher Mattress Co., Portland, Ore.  
 King Foundry Co., St. Joseph, Mo.  
 King, Geo. M., Construction Co., Des Moines, Ia.  
 King, Geo. M., Mfg. Co., static elec. machs, Des Moines, Ia.  
 King, Geo. R., contractor, Duluth, Minn.  
 King, Geo. S., architect, 746 Euclid av, Cleveland, Ohio.  
 King-Gerber Co., machinists, Paterson, N. J.  
 King, Graham, architect, South Orange, N. J.  
 King, Guy, & Co., architects, 1513 Walnut, Philadelphia, Pa.  
 King, H. C., Lumber Co., Marion, Ohio.  
 King, H. G., architect, Buhl Bldg., Detroit, Minn.  
 King, H. P., Foundry & Machine Works, Osgood, Ind.  
 King, H. R., heating contr., 617 10th, N. E., Washington, D. C.  
 King & Hamilton Co., agricultural implements, farm trucks, etc., Ottawa, Ill.  
 King Hardware Co., Atlanta, Ga.  
 King, Henry J., architect, 9 Clinton, Newark, N. J.  
 King, Hugh D., contractor, Bloomfield, N. J.  
 King Investment & Lumber Co., Pueblo, Colo.  
 King Iron Wks., 226 Ohio, Buffalo, N. Y.  
 King, J. B., & Co., wall plaster mfrs., etc., 17 State, New York.  
 King, J. M., architect, Ashland, Ky.  
 King, John, machsts., Oakland, Me.  
 King, Jno. F., architect, Bank blk., Fort Wayne, Ind.  
 King, John F., Jr., architect, Central Nat. Bk. Bldg., Peoria, Ill.  
 King, John J., architect, 1600 Morningside av, Pittsburgh, Pa.  
 King, John P., Mfg. Co., cotton sheeting, Augusta, Ga.  
 King, Jno. V., architect, 9 Clinton, Newark, N. J.  
 King, Jos., brick, Eliot, Me.  
 King, Jos., Mfg. Co., hdwe. mfrs., Troy, N. Y.  
 King, Julius, Optical Co., instruments, lathes, etc., 10 Maiden Lane, New York.  
 King Klip Co., finger nail clippers & cigar cutters, 1328 B'way, New York.  
 King, L. D., lumber, Audrey, Ore.  
 King Level Works, Brighton, Mich.  
 King Light Co., machsts., Peoria, Ill.  
 King Lumber Co., Charlottesville, Va.  
 King Lumber & Mfg. Co., Nocatee, Fla.  
 King, M. D., Milling Co., flour, Pittsfield, Ill.  
 King Mach. & Mfg. Co., Los Angeles, Cal.  
 King Machine Tool Co., Winton Place, Cincinnati, Ohio.  
 King, Mantel & Furn. Co., masons & bldrs.' matls., Knoxville, Tenn.  
 King Mfg. Co., bags & bagging, Front & Main, Cincinnati, Ohio.  
 King Mfg. Co., emery grinders, Piqua, Ohio.  
 King Mfg. Co., radiator brushes, Newark, N. J.  
 King Milling Co., buckwheat flour, Lowell, Mich.  
 King Motor Car Co., Jefferson & Concord av, Detroit, Mich.  
 King, Murry S., architect, Orlando, Fla.  
 King, O. P., machinist, Wrens, Ga.  
 King Paint Mfg. Co., varnish, iron & steel fillers, 449 Kent av, Brooklyn, N. Y.  
 King Paper Co., Kalamazoo, Mich.  
 King, Patrick J., sash, door & blind mfr., N. Crawford av & Bloomingdale, Chicago, Ill.  
 King Piano Co., 238 S. Wabash av, Chicago, Ill.  
 King Powder Co., 1st Nat. Bank Bldg., Cincinnati, Ohio.  
 King, R. C., agricultural implements, Carlisle, Ky.  
 King, R. M., Lumber Co., Lebanon, Fla.  
 King Refining Co., asphalt, 158 Sutter, San Francisco, Cal.  
 King, Robt., contractor, Youngstown, Ohio.  
 King-Ryder Lumber Co., Bonami, La.  
 King Sash, Door & Lumber Co., Spokane, Wash.  
 King Sewing Mach. Co., Buffalo, N. Y.  
 King Stove & Range Co., Sheffield, Ala.  
 King & Taylor, architects, Cons. Realty Bldg., Los Angeles, Cal.  
 King Ventilating Co., Owatonna, Minn.  
 King, W. F., & Co., contractors, Duluth, Minn.  
 King, W. H., machinist, Coshocton, Ohio.  
 King, W. H., masons & bldrs.' matls., Geneva, Ohio.  
 King, W. H., scrap rubber, 149 S. Hancock, Philadelphia, Pa.  
 King, W. H., & Co., brick, Rockford, Ohio.  
 King, W. O., & Co., lumber, 2453 Loomis, Chicago, Ill.  
 King, W. P., & Son, canned goods, Peach Bottom, Pa.  
 King, Walter, architect, Stockton, Cal.  
 King, Walter E., Co., plumbers' supplies, jobbers, 115 W. 3d, Cincinnati, Ohio.  
 King, Wm. H., paint mfrs., 124 Greene, Brooklyn, N. Y.  
 King, Wm. H., Jr., architect, House Bldg., Ptg., Pa.  
 King, Wm. P., metal nov. & spec., Syracuse, N. Y.  
 King & Winge Ship Yard, bldrs., Seattle, Wash.  
 Kingan & Co., Ltd., canned meats, W. End, Maryland & Blackport, Indianapolis, Ind.  
 Kingan Provision Co., meat packers, 626 W. 35th, New York, & Callowhill & 8th, Philadelphia, Pa.  
 Kingery Mfg. Co., peanut roasting machines, 420 E. Pearl, Cincinnati, Ohio.  
 Kingfisher Mill & Elevator Co., flour, Kingfisher, Okla.  
 Kingham, R. L., machst., Enid, Okla.  
 Kinghorn, Alex., contractor, Reliance Bldg., Kansas City, Mo.  
 Kingler, C. P., brick, Paulding, Ohio.  
 Kingman & Co., fanning mills, Peoria, Ill.  
 Kingman, E. B., Co., celluloid combs, Leominster, Mass.  
 Kingman Plow Co., Peoria, Ill.  
 Kings County Iron Fdry. Co., machsts. & fndrs., N. 13th & Berry, Brooklyn, N. Y.  
 Kings County Packing Co., canned goods, Armona, Cal.  
 Kings County Rich Cut Glass Wks., 174 N. 4th, Brooklyn, N. Y.  
 Kings Creek Quarry Co., stone producers, New Cumberland, W. Va.  
 King's Crown Plaster Co., Cedar Rapids, Ia.  
 Kings Mountain Cotton Seed Oil Co., King's Mountain, N. C.  
 Kingsbridge Contrg. Co., 30 E. 42d, New York.  
 Kingsbridge Iron Works, 405 E. 99th, New York.



- Kingsbury, A. W., stone producers, Stafford Springs, Conn.  
 Kingsbury Constr. Co., Hudson Falls, N. Y.  
 Kingsbury & Davis Machine Co., South Coventry, Conn.  
 Kingsford Foundry & Machine Works, engines, boilers & pumps, Oswego, N. Y.  
 Kingsley Bros., shoe pegs, Salisbury Center, N. Y.  
 Kingsley Chas. E., contractor, St. Joseph, Mich.  
 Kingsley, George S., architect, 109 N. Dearborn, Chicago, Ill.  
 Kingsley, H. B., lubricating oils, 325 St. Clair av, N. W., Cleveland, Ohio.  
 Kingsley, L. J., Co., whol. hdwe., Binghamton, N. Y.  
 Kingsley & Maxwell, contractors, Yonkers, N. Y.  
 Kingsley Paper Co., 321 St. Clair av, N. W., Cleveland, Ohio.  
 Kingsley, W. M., architect, Syracuse, Ind.  
 Kingsley & Wescott, contractors, Scranton, Pa.  
 Kingsley Wood Pulp Co., Salisbury, Vt.  
 Kingsport Brick Corp., Johnson City, Tenn.  
 Kingston, F. G., & Co., contractors, 55 Eddy, Providence, R. I.  
 Kingston Granite Co., Newport, Vt.  
 Kingston Granite Tub Wks., artificial stone laundry tubs, Kingston, N. Y.  
 Kingston, J. B., & Co., flour mills, Shelbyville, Tenn.  
 Kingston, Jno., soap, 300 N. Beacon, Boston, Mass.  
 Kingston, John P., & Son, architects, 518 Main, Worcester, Mass.  
 Kingston Knitting Co., sweaters, etc., 37 Kingston, Boston, Mass.  
 Kingston Lumber Co., Kingston, La.  
 Kingston Spoke Mfg. Co., Kingston, Ark.  
 Kingston's, Wm., Son, paper & pulp mills, Little Falls, N. Y.  
 Kingsville Lumber Co., Kingsville, Tex.  
 Kingsway Drain Tile Co., Kingsway, Ohio.  
 Kingwood Quarries Co., 50 Pine, New York & Kingwood, W. Va.  
 Kinkead Mfg. Co., pulley covering, 45 High, Boston, Mass.  
 Kinkel's, P. H., Sons, miners feldspar, Bedford, N. Y.  
 Kinkarter & Sheppard Co., mill & facty. supplies, 4669 Frankford, Philadelphia, Pa.  
 Kinnard-Haines Co., agricultural implements, 44th av, N. & Bryant, Minneapolis, Minn.  
 Kinne, Linn, architect, Mayro Bldg., Utica, N. Y.  
 Kinne Mfg. Co., stoves, 1401 Central av, Minneapolis, Minn.  
 Kinne, W. A., fndrs., New Britain, Conn.  
 Kinnear & Gager Mfg. Co., metal ceilings, etc., Columbus, Ohio.  
 Kinnear Mfg. Co., fireproofing & steel rolling doors & shutters, Columbus, Ohio.  
 Kinnel, Philip H., cleavers, Columbus, Ohio.  
 Kinney, A. C., contractor, Norwalk, Ohio.  
 Kinney, C. M., Co., changeable bldg. dir., 18 E. 41st, New York.  
 Kinney, E., tubular boilers, Oakdale, Pa.  
 Kinney, F. W., architect, Plymouth Bldg., Minneapolis, Minn.  
 Kinney Lumber Co., Orrville, Ohio.  
 Kinney Mfg. Co., road oiler, tar pumps, 3529 Washington, Boston, Mass.  
 Kinney, Myron, & Son, masons & bldrs.' matls., Putnam, Conn.  
 Kinney, R. W., Co., plumbers' supplies, jobbers, San Francisco, Cal.  
 Kinney-Rome Co., spring beds, 3617 S. Racine av, Chicago, Ill.  
 Kinnison Bros., steam fitters' supplies, Dallas, Tex.  
 Kinockon Apparatus Corp., moving picture machines, Bridge-ton, N. J.  
 Kinselia, Walter A., Co., tennis rackets, 338 Madison av, New York.  
 Kinser Construction Co., Terre Haute, Ind.  
 Kinsey, E. A., Co., contrs. tools, mill & facty. supplies, 331 W. 4th, Cincinnati, Ohio.  
 Kinsey, Howard P., cornices, Easton, Pa.  
 Kinsey & Johnson, paint mfrs.' color cards, 230 Pearl, Cincinnati, Ohio.  
 Kinsey & Mahler Co., machsts. & fndrs., mill, facty. & plumbers' supplies, Peoria, Ill.  
 Kinsey, Wm. A., steel structural wk., 192 Market, Newark, N. J.  
 Kinsila, Ed. B., architect, 228 W. 42d, New York.  
 Kinsler-Bennett Co., universal joints, Hartford, Conn.  
 Kinsler, John, & Son, contractors, Marion, Ohio.  
 Kinsley, John R., fndrs., 115 E. 6th, Cincinnati, Ohio.  
 Kinsman & Wagner, carriages, Calumet, Mich.  
 Kinter, F. D., masons' & bldrs.' matls., Athens, Pa.  
 Kintz, P. C., & Sons, contractors, Terre Haute, Ind.  
 Kintzing, Lester, architect, Grand Central Terminal, New York.  
 Kinum, Henry, contractor, Schenectady, N. Y.  
 Kinyon, E. H., masons' & bldrs.' matls., Quincy, Mich.  
 Kinyon, Willis, machst., Amber, N. Y.  
 Kizlie, T. D., canned goods, Troutville, Va.  
 Kipp, A. B., & Co., masons' & bldrs.' matls., Minonk, Ill.  
 Kipp, B. A., & Co., lumber, 818 W. 6th, Cincinnati, Ohio.  
 Kipp Engine Works, machinists, Ossining, N. Y.  
 Kipp, John, contractor, Lorain, Ohio.  
 Kipp, Ralph P., freight elevators, Ossining, N. Y.  
 Kipp, S. C., Jr., & Son, damper & pressure regulators, Ossining, N. Y.  
 Kirby, C. K., Jr., architect, 525 Forthcamp, Fresno, Cal.  
 Kirby Canning Co., Trappe, Md.  
 Kirby, Clement S., architect, 757 E. 6th, Erie, Pa.  
 Kirby, Edmund B., metallurgical engrs., Security Bldg., St. Louis, Mo.  
 Kirby, G. J., Co., optical goods, Willimantic, Conn.  
 Kirby & Gallup, canned goods, Oxford, Md.  
 Kirby, Geo., Jr., Paint Co., Gloucester, Mass.  
 Kirby, Henry, & Petit, J. J., architects, 103 Park av, New York.  
 Kirby Lumber Co., Houston, Tex.  
 Kirby Mfg. Co., machsts. & fndrs., Middletown, Conn.  
 Kirby & Mauber, cornices & skylights, Springfield, Mo.  
 Kirby Planing Mill Co., Thomasville, Ga.  
 Kirby, Thos. H., & Sons, ship bldrs., St. Michaels, Md.  
 Kirby, Walter B., architect, 527 5th av, New York.  
 Kirby-Wood Lumber Co., Muncie, Ind.  
 Kirchberger, M., & Co., glass shades, gas burner tips, 116 E. 27th, New York.  
 Kirchheimer Bros. Co., paper bags, 433 W. Ohio, Chicago, Ill.  
 Kirchhoff, Frank, contractor, 7th & Lawrence, Denver, Colo.  
 Kirchhoff Piano Co., 250 E. 139th, New York.  
 Kirchner, A. H., architect, 2726 S. 7th, E., Salt Lake City, Utah.  
 Kirchner Constr. Co., 221 W. 9th, Cincinnati, Ohio.  
 Kirchner, H. Wm., architect, International Life Bldg., St. Louis, Mo.  
 Kirchner Iron & Wire Co., 1149 Norwood rd, Cleveland, O.  
 Kirchoff, A. G. J., contractor, New Rochelle, N. Y.  
 Kirchoff Bros., masons & bldrs.' matls., Hampshire, Ill.  
 Kirchoff & Rose, architects, Majestic Bldg., Milwaukee, Wis.  
 Kirjham & Parlett, architects, 25 Harrison av, Springfield, Mass.  
 Kirk, Bimpson, steam & hot water htg. contr., 441 W. 50th, New York.  
 Kirk & Blum Co., dust collectors, etc., York & Western av, Cincinnati, Ohio.  
 Kirk, C. H., architect, Helena, Montana.  
 Kirk, E. W., Soap Cleanser Co., glycerine, Edina, Mo.  
 Kirk, Geo. H., htg. contrs., 6711 Wentworth av, Chicago, Ill.  
 Kirk, Halbicht, Co., skylight ventilating apparatus, 108 S. Calvert, Baltimore, Md.  
 Kirk, Harry D., inks, mucilage mfr., 184 W. Washington, Chicago, Ill.  
 Kirk, J. B., mach. & fndr., The Dalles, Ore.  
 Kirk, Jas. S., & Co., glycerine & soap, 106 E. Austin, Chicago, Ill., 727 46th, Milwaukee, Wis. & Wabash Bldg., Pittsburgh, Pa.  
 Kirk, John P., ship bldr., Toms River, N. J.  
 Kirk, Joseph H., Co., barrels, 3105 Emerald av, Chicago, Ill.  
 Kirk-Latty Mfg. Co., machsts., Cleveland, Ohio.  
 Kirk, Sam'l, & Son Co., silver nov., 108 E. Baltimore, Baltimore, Md.  
 Kirk Supply Co., mill & facty. supplies, Farmers' Bk. Bldg., Ptg., Pa.  
 Kirk, W. P., Co., cornices, Bridgeport, Conn.  
 Kirk, Walter R., chemicals & glycerine, 327 S. La Salle, Chicago, Ill.  
 Kirk, William, flour mills, Parkersburg, W. Va.  
 Kirker, L. C., & Son, contractors, Beaver Falls, Pa.  
 Kirkland, F. W., architect, Rome, N. Y.  
 Kirklin Clay Mfg. Co., brick, Kirklin, Ind.  
 Kirkman Die & Tool Wks., Denver, Colo.  
 Kirkman Engng. Corp., elec. fuses, 237 Lafayette, New York.  
 Kirkman & Son, soap & soap powders, etc., 215 Water, Brooklyn, N. Y.  
 Kirkman, Wm. J., models & experimental work, Denver, Colo.  
 Kirkpatrick Bros., stone prod., Hancock, N. Y. & 1047 S. 23d, Philadelphia, Pa.  
 Kirkpatrick Christian M., contractor, Greenfield, Ind.  
 Kirkpatrick Hardware Co., Atlanta, Ga.  
 Kirkpatrick, J. C., & Sons, masons & bldrs.' matls., Nashville, Tenn.  
 Kirkpatrick Lumber Co. (Ltd.), Glenmora, La.  
 Kirkpatrick Mfg. Co., elec. wiring mouldings, Glenwood & N. American, Philadelphia, Pa.  
 Kirkpatrick Norton, architect, Gluck Bldg., Niagara Falls, N. Y.  
 Kirkpatrick, Robt. A., architect, 3976 Ellis av, Chicago, Ill.  
 Kirkpatrick Sand & Cement Co., Birmingham, Ala.  
 Kirkpatrick, W. J., masons & bldrs.' matls., Battle Creek, Mich.  
 Kirkup, Robt., & Co., brass fndrs., 616 Lodge, Cincinnati, Ohio.  
 Kirn, M. L., & Bro., fndrs., 2135 N. Lawrence, Philadelphia, Pa.  
 Kirsch, Jacob Co., cornices & skylights, 3234 Penn av, Pittsburgh, Pa.  
 Kirsch, Peter, sashes, doors & blinds, Decatur, Ind.  
 Kirsch, Robt. G., architect, 4067 Magnolia av, St. Louis, Mo.  
 Kirsch, Sellemeyer, & Sons Co., masons & bldrs.' matls., Decatur, Ind.  
 Kirschke, Oscar R., architect, Grand Island, Nebraska.  
 Kirschner Bros., contractors, Erie, Pa.  
 Kirsh, Frank W., cornices & skylights, Everett, Wash.  
 Kirst, J. Wilfred, architect, 12 N. Broadway, Yonkers, N. Y.  
 Kirstein, E., Sons Co., optical goods, Rochester, N. Y.  
 Kirstin, A. J., Co., stump pullers, Escanaba, Mich.  
 Kirtland Bros., & Co., safety razors mfrs., 96 Chambers, New York.  
 Kirtland, W. H., slate slabs, stairs, threads, etc., 1123 B'way, New York.  
 Kirwan Bros., lumber mfrs., Fulton & Adams, Louisville, Ky.  
 Kirwan, J. E., Co., canned goods, Atlantic Wharf, Baltimore, Md.  
 Kirwan, Wm. T. A., & Son, cornices, 12 W. Fort av, Baltimore, Md.  
 Kirwin Bros., contractors, Newport, R. I.  
 Kisner, John M., & Bro., Lumber Co., Fairmont, W. Va.  
 Kiss Bros. Pottery Co., Sag Harbor, N. Y.  
 Kissam, Henry Snyder, decorative architect, 25 Madison av, New York.



- Kissel Motor Car Co., Hartford, Wis.  
 Kissinger's, Benj., Sons, brick, York, Pa.  
 Kissinger's, Jacob, Sons, machsts., 75 Fulton, New York.  
 Kissner, J. N., Constr. Co., Coshocton, Ohio.  
 Kissner, R. D., masons & bldrs.' matls., Delaware, Ohio.  
 Kister, F. L., Jr., lumber, Bowling Green, Ky.  
 Kistler, Lesh, & Co., leather belting butts, 321 A, Boston, Mass.  
 Kistler & Steppstedt, machsts. & fndrs., Odebolt, Ia.  
 Kistler, W. H., Stationery Co., Denver, Colo.  
 Kistner, Geo. C., contractor, Elkhart, Ind.  
 Kistner, Theodore C., architect, Amer. Nat'l Bk. Bldg., San Diego, Cal.  
 Kitchell, Bruce P., architect, 207 Market, Newark, N. J.  
 Kitchell, H. G., machsts. & fndrs., Greenwood, Miss.  
 Kitchen Cabinet & Table Co., High Point, N. C.  
 Kitchen Specialty Mfg. Co., pot covers, Reading, Pa.  
 Kitfield, Edw. H., mill engrs., 201 Devonshire, Boston, Mass.  
 Kitko, Chas., cornices, 2923 Olive, St. Louis, Mo.  
 Kitner, F. H., common brick, Woodson, Ill.  
 Kitselman Bros., fence machines, metal fence posts, etc., Muncie, Ind.  
 Kitson Co., cocks, 2819 Oakford, Philadelphia, Pa.  
 Kitson Hydro-Carbon Htg. & Incandescent Lighting Co., machsts. & fndrs., 2819 Oakford, Philadelphia, Pa.  
 Kittanning Brick & Fire Clay Co., common, Empire Bldg., Pittsburgh, Pa.  
 Kittanning Clay Mfg. Co., brick, Kittanning, Pa.  
 Kittanning Clay Products Co., brick, Bradford, Pa.  
 Kittanning Iron & Steel Mfg. Co., Kittanning, Pa.  
 Kittanning Plate Glass Co., machsts. & fndrs., Kittanning, Pa.  
 Kittel Bros., machst. & fndr., Jacksonville, Fla.  
 Kittinger & Stock, sash, door & blind mfrs., Canal Fulton, Ohio.  
 Kittitas Lumber Co., Ellensburg, Wash.  
 Kittle, H. M., & Co., trunk mfrs., 197 Jefferson av, Detroit, Mich.  
 Kittoe Boiler & Tank Co., Inc., Canton, Ohio.  
 Kittredge Quarries, Milford, N. H.  
 Kittredge, R. J., & Co., label mfrs., 812 W. Superior, Chicago, Ill.  
 Kittredge-Waters Supply Co., mill & facty. supplies, 422 Common, New Orleans, La.  
 Kitts Mfg. Co., steam specialties—regulators, taps, etc., Oswego, N. Y.  
 Kitts Steam Specialty Co., Oswego, N. Y.  
 Kitzelman & Dilley Co., cornices, 5918 Lowe av, Chicago, Ill.  
 Kivett, W. M., brick, Carthage, N. C.  
 K. & K. Brick Co., Los Angeles, Cal.  
 Klaas, Max, shears, knives, etc., 298 B'way, New York.  
 Klaber, A., & Son, plumbers' marble wks., 211 Vernon av, Long Island City, N. Y.  
 Klaber, Eugene H., architect, 101 Park av, New York.  
 Klaber, John J., architect, 225 5th av, New York.  
 Klaber, S., & Co., brass fndrs., Carlstadt, N. J.  
 Klaffer, David Saul, architect, 64 W. Randolph, Chicago, Ill.  
 Klaine, F. A., Co., stove mfrs., Front & Central av, Cincinnati, Ohio.  
 Klamt & Miner, bldg. contrs., Portland, Ore.  
 Klappert's, C. W., Sons, contractors, 328 E. 25th, New York.  
 Klapproth, Wm. C., architect, Oshkosh, Wis.  
 Klarer Provision Co., meat packers, Louisville, Ky.  
 Klarquist, S. M., & Son, contractors, Security Bk. Bldg., Minneapolis, Minn.  
 Klatt, W. C., & Sons, lumber mfrs., Goldendale, Wash.  
 Klauberg, C., & Bros., razors mfrs., 173 William, New York.  
 Klauder-Weldon Mach. Co., machsts. & fndrs., Amsterdam, N. Y.  
 Klauer Mfg. Co., metal ceilings, etc., Dubuque, Ia.  
 Klaunerg, Hugo, willow furniture, Berkeley, Cal.  
 Klaus & Baxter, contractors, 1745 S. Conestoga, Phila., Pa.  
 Klaus & Co., machsts., 541 Ferry, Newark, N. J.  
 Klaus Canning & Packing Co., Columbus, Neb.  
 Klaus, Chas., fndrs., 460 N. 12th, Philadelphia, Pa.  
 Klaus, Jos. P., elec. light fix. mfrs., 11th & Ridge, Phila., Pa.  
 Klausmann, Henry W., contractor, 2611 Cornell av, Indianapolis, Ind.  
 Klaxon Co., fire alarms, 194 Wright, Newark, N. J.  
 Klayman, I., & Son, contractors, 1337 W. North av, Baltimore, Md.  
 Kleansall Co., soap, 332 McKnight Bldg., Minneapolis, Minn.  
 Kleban, Louis E., contractor, 1714 Crotona Park E., New York.  
 Klebansky, Wolf, bristles, horse hair, 246 S. 3d, Phila., Pa.  
 Kleber Piano Co., 237 5th av., Pittsburgh, Pa.  
 Kleck, J. W., mattresses, San Antonio, Tex.  
 Klee-Thomson Co., archl. decorators, 327 E. 40th, New York.  
 Kleeb Lumber Co., South Bend, Wash.  
 Kleeman, L. F., Mfg. Co., archl. & orna. Iron, 1923 Central, Kansas City, Mo.  
 Kleeman, Wm., & Co., interior hardwood work (mfrs. & erectors), 479 1st av, New York.  
 Kleemann, August M., architect, 741 Broad, Newark, N. J.  
 Kleemann, Otto, architect, 155 E. 14th, Portland, Ore.  
 Klehm, John & Sons, landscape archs, 428 Jefferson, Milwaukee, Wis.  
 Kleiber & Co., automobile bldrs., 1426 Folsom, San Francisco, Cal.  
 Klein, A., cornices & skylights, 210 E. 38th, New York.  
 Klein, Albert F., architect, Union Trust Bldg., Cincinnati, Ohio.  
 Klein, Bella, cornices, Pueblo, Colo.  
 Klein Bros., bamboo furniture, Paynstar av, Long Island City, N. Y.  
 Klein Bros., Co., contractors, Dallas, Tex.  
 Klein Bros. Packing Co., meat packers, Presto, Pa.  
 Klein, C. H., Brick Co., Chaska, Minn.  
 Klein & Cohn, scrap iron, rubber, 518 Hannibal, Cincinnati, O.  
 Klein, Ernest, & Bro., ground connect. clamps, 44 Fulton, New York.  
 Klein, Fred, cornices & skylights, Findlay, Mass.  
 Klein, Fred'k J., architect, Anheuser-Neil Bldg., Peoria, Ill.  
 Klein, J. B., Iron Fdry. Co., Oklahoma, Okla.  
 Klein-Logan Co., stone axes, 13th & Breed, Pittsburgh, Pa.  
 Klein Mfg. Co., rfg. cements, Am. Trust Bldg., Cleveland, Ohio.  
 Klein, Mathias, & Sons, guy anchors & expansion bolts, etc., 562 W. Vanburen, Chicago, Ill.  
 Klein, Nathan, & Co., machy. dlrs., 208 Center, New York.  
 Klein, Oscar, paper, Clinton, Ia.  
 Klein, Paul, masons' & bldrs.' matls., Iola, Kan.  
 Klein, Wm., sash, door & blind mfrs., 67 Murray, New York.  
 Klein, Wm. C., Jr., architect, 1218 Chestnut, Philadelphia, Pa.  
 Kleinbeck, C. H., Co., caramel paste, Geneva, Ill.  
 Kleine & Daumeyer, carriages, 14 W. 12th, Cincinnati, Ohio.  
 Kleine Optical Co., moving picture machs., 166 N. State, Chicago, Ill.  
 Kleine, Wm. E., & Co., whol. hdwe., 120 W. B'way, New York.  
 Kleinert, Albert E., contractor, 316 Flatbush av, Bklyn, N. Y.  
 Kleinhammer, H., architect, Plattville, Wis.  
 Kleinke, Aug., contractor, West Hoboken, N. J.  
 Kleinpell, W. E., architect, 618 Aldama ter, Los Angeles, Cal.  
 Klemann & Fowler, architects, First Nat'l Bk. Bldg., Trenton, N. J.  
 Klemm & Co., lamps, shades, etc., 132 N. 5th, Philadelphia, Pa.  
 Klemm, E. R., machinist, 1453 Austin av, Chicago, Ill.  
 Klenk, August, billiard & pool tables, 483 Alfred, Detroit, Mich.  
 Klenk, Martin, carriages, Sandusky, Ohio.  
 Kleno Mfg. Co., soap, North Weymouth, Mass.  
 Klenz Soap Co., 57 E. 43d, Chicago, Ill.  
 Klepach, John, contractor, Cedar Rapids, Ia.  
 Klesius, Geo. A., cornices, 609 12th, Altoona, Pa.  
 Klett, Jacob, & Sons, lumber mfrs., Ft. Wayne, Ind.  
 Kletting, R. K. A., architect, Felt Bldg., Salt Lake City, Utah.  
 Klewer, Wm. L., & Son, architects, 64 W. Randolph, Chicago, Ill.  
 Kleymer-Klute Brick & Tile Wks., Henderson, Ky.  
 Klicka, Jos., Co., mouldings, W. 20th & S. California av, Chicago, Ill.  
 Klieves, Archibald L., architect, 1219 Chapline, Wheeling, W. Va.  
 Klieves Lumber Co., sash, door & blind, Wheeling, W. Va.  
 Klink Bros., meat packers, 588 Howard, Buffalo, N. Y.  
 Klink, C., Packing Co., meat, 50 Depot, Buffalo, N. Y.  
 Klincke, Wm. C., contractor, 1715 W. Venango, Philadelphia, Pa.  
 Klindt, Geiger Canning Co., Cassville, Wis.  
 Kline, C. A., contractor, Carthage, N. C.  
 Kline Car Corp., Richmond, Va.  
 Kline & Co., machinists & founders, Reading, Pa.  
 Kline & Co., masons' & bldrs.' matls., & whol. hdwe., Williamsport, Pa.  
 Kline, D. Milton, brick, Reading, Pa.  
 Kline, Dan'l M., contractor, Wilkes-Barre, Pa.  
 Kline, Mrs. Eliz., flour mills, Brookville, Pa.  
 Kline, Geo. W., architect, Butler, Pa.  
 Kline, Jas. M., hydraulic rams, Beavertown, Pa.  
 Kline, John, Brick Co., Wickliffe, Ohio.  
 Kline Kar Corp., auto. builders, Richmond, Va.  
 Kline, Lewis T., mill & facty. supplies, Alpena, Mich.  
 Kline Lumber & Constr. Co., New Castle, Pa.  
 Kline, M. L., mill, facty. & plumbers' supplies, 84 Front, Portland, Ore.  
 Kling Bros. Engng. Wks., drilling, punching & shearing machs., etc., 1304 Kingsbury, Chicago, Ill.  
 Kling Co., contractors, Union League Bldg., Los Angeles, Cal.  
 Kling Mfg. Co., fly nets, 2425 Fond du Lac av, Milwaukee, Wis.  
 Kling & Zenk, architects, 115 W. Federal, Youngstown, Ohio.  
 Klingberg, W., & Son, contractors, 50 Church, New York.  
 Klingenhagen, F. M., stone, 2654 Flournoy, Chicago, Ill.  
 Klingsmith, A., architect, Merchant's Nat'l Bk. Bldg., Fort Smith, Ark.  
 Klingsmith, H. A., & Son, masons' & bldrs.' matls., New Kensington, Pa.  
 Klinger, H. J., & Co., buckwheat flour, Butler, Pa.  
 Klings, J. P., Jr., architect, 1012 Walnut, Philadelphia, Pa.  
 Klingsor Talking Mach. Co., 415 Armour, Chicago, Ill.  
 Klinkart, A. J., architect, Hagerstown, Md.  
 Klintz, A., & Co., elec. signs, 905 W. Randolph, Chicago, Ill.  
 Klipfel Mfg. Co., machinists, 2651 W. Harrison, Chicago, Ill.  
 Klip-Klip Co., nail clippers, Rochester, N. Y.  
 Klipstein, A., & Co., chemicals, 644 Greenwich, New York.  
 Klipstein & Rathmann, architects, Chemical Bldg., St. Louis, Mo.  
 Klipstine, Wm., Lumber Co., Sidney, Ohio.  
 Klise Mfg. Co., carved mouldings, Grand Rapids, Mich.  
 Kloak Bros. & Co., store fixtures, Pearl & Elm, Cincinnati, Ohio.  
 Klock, A. B., machinist, Herkimer, N. Y.  
 Klondike Incubator Co., Des Moines, Ia.  
 Klopfer, Fred'k, carriages, Muncie, Ind.  
 Klopp, John F., contractor, 100 Dorchester av, Buffalo, N. Y.  
 Klopping, A. C., stampings, etc., 1678 Norwood av, Toledo, Ohio.  
 See adv index at end of book.  
 Klose, C., & Co., brick, Aurora, Neb.



- Klose, J. Chas., landscape architect, West Hoboken, N. J.  
 Klostermeier Bros., whol. hdwe., Atchison, Kan.  
 Klostermeier, Louis, brick, Boonville, Ind.  
 Klotz, A. E., Fireproofing Co., concrete floors & arches & flue linings, 27 E. 137th, New York.  
 Klotz, E. L., masons' & bldrs.' matls., Little Falls, N. J.  
 Klotz Machine Co., handle making & wood polishing machy., Sandusky, Ohio.  
 Klubertanz Bros. Co., cornices, 889 23d, Milwaukee, Wis.  
 Kluegel, T. J., Carriage & Wagon Mfg. Co., 827 S. B'way, St. Louis, Mo.  
 Klufke, H. E., Saddlery Co., hdwe. mfrs., 109 N. 3d, Phila., Pa.  
 Kluge, E. H., Weav'g Co., labels, 33 W. 34th, New York.  
 Klump's, Jno. G., Sons, bowling alley bldrs., etc., 13 Baxter, New York.  
 Klung, H. G., architect, 160 S. Virgil av, Los Angeles, Cal.  
 Klunk, Wm. J., contractor, Hanover, Pa.  
 Klutho, H. J., architect, St. James Bldg., Jacksonville, Fla.  
 Klutho, Victor J., architect, Syndicate Tr. Bldg., St. Louis, Mo.  
 Klyce, Harvey A., contractor, Sheldon Bldg., San Francisco, Cal.  
 K & M. Casting Co., 10611 Quincy av, Cleveland, Ohio.  
 Knabb, L., ties, poles, etc., Moniac, Ga.  
 Knabe, William, & Co., pianos, 439 5th av, New York.  
 Knape, Jno., Mach. Co., Grand Rapids, Mich.  
 Knapheide, Hy., Wagon Co., Quincy, Ill.  
 Knapp, Arthur P., arch'l iron, Lowell, Mass.  
 Knapp & Bosworth, architects, 15 S. Franklin, Wilkes-Barre, Pa.  
 Knapp Bros. Mfg. Co., valves, feed water regulators, metal studs, 2419 W. 14th, Chicago, Ill.  
 Knapp, C. H., machinist, Paterson, N. J.  
 Knapp Co., desk calendars, 52 E. 19th, New York.  
 Knapp, E. J., & Co., paint, Belding, Mich.  
 Knapp, Edw. J., Candle Co., Syracuse, N. Y.  
 Knapp Elec. & Nov. Co., elec. portable fans, 509 W. 51st, New York.  
 Knapp, Fred H., Co., labeling mach. mfrs., Baltimore, Md.  
 Knapp, G., machinist, Plattsmouth, Neb.  
 Knapp, Gardner & Co., machsts. & fndrs., 62 Sudbury, Boston, Mass.  
 Knapp, Geo. E., lbr., Tilton, N. H.  
 Knapp, Geo. S., horse tail ties, Bridgeport, Conn.  
 Knapp, Herbert E., architect, Waterville, Me.  
 Knapp, Homer, contractor, Rochester, N. Y.  
 Knapp, Horace Greeley, architect, 123 Liberty, New York.  
 Knapp, Jerome, architect, Bay State Bldg., Lawrence, Mass.  
 Knapp, John, & Sons, machsts. & fndrs., Akron, Ohio.  
 Knapp Mfg. Co., dust pans, regulating sockets, tack molds, etc., 48 Warren, New York.  
 Knapp Mfg. & Supply Co., brass trays, lamps, oilers, torches, etc., 241 Water, New York.  
 Knapp, O. H. P., cornices & skylights, Emporia, Kan.  
 Knapp, O. P., & Son, carriages, Aurora, Ill.  
 Knapp & Ronneberger, machsts. & fndrs., Anacortes, Wash.  
 Knapp Rubber Bind'g Co., stair nos'g & carpet bind'g, 31 E. 17th, New York.  
 Knapp & Spencer Co., whol. hdwe., Sioux City, Ia.  
 Knapp Supply Co., mill, facty. & plumbers' supplies, Union City, Ind.  
 Knappmann, Wm., & Co., chalk & whit'g mfrs., Grand, Brooklyn, N. Y.  
 Knappton Mills & Lumber Co., Knappton, Wash.  
 Knauer, H. J., architect, 106 N. 3d, Los Angeles, Cal.  
 Knauer, Newton W., contractor, Atlantic City, N. J.  
 Knauff & Esterbrook, stopper rod sleeves, Cleveland, Ohio.  
 Knaur & Howe, machsts. & fndrs., Denison, Tex.  
 Knaur, W. C., machst. & fndr., Denison, Tex.  
 Knauth Bros., surgical & dental instruments, 220 4th av, New York.  
 Kneass, Geo. W., motor boat bldrs., 18th & Illinois, San Francisco, Cal.  
 Knecht, M., & Sons, machsts. & fndrs., West Salisbury, Pa.  
 Knecht Milling Co., flour, Mill Hall, Pa.  
 Knecht & Thomas Pump Co., Union City, Ind.  
 Kneeder & Co., awning stripes, tickings, Eadon & Kennedy, Philadelphia, Pa.  
 Kneeland-Bigelow Co., lbr. mfrs., Bay City, Mich.  
 Kneeland-McClurg Lumber Co., Phillips, Wis.  
 Kneeskern, J. H., & Sons, sash, door & blind mfrs., St. Johnsville, N. Y.  
 Kneezel, Edward, architect, State Nat'l Bk. Bldg., El Paso, Tex.  
 Knell, Albert, architect, Odd Fellows Bldg., St. Louis, Mo.  
 Knelling, A., architect, Union Trust Bldg., San Francisco, Cal.  
 Knepper, Jno. H., & Son, heating contractors, 501 Washington, Buffalo, N. Y.  
 Knerr, H. E., contractor, Stimson Bldg., Los Angeles, Cal.  
 Knetzger, Chas., Lbr. Co., Peoria, Ill.  
 Knickerbocker Bag Co., second-hand bags, 7 Front, New York.  
 Knickerbocker Case Co., traveling bags & suit cases, 230 No. Clinton, Chicago, Ill.  
 Knickerbocker Chandelier & Elect'l Supply Co., gas light fixture mfrs., 361 W. 42d, New York.  
 Knickerbocker Co., dust collectors & concrete mixers, cor. Park & Liberty, Jackson, Mich.  
 Knickerbocker Elec. Co., annunciators & elev. indicators, 116 West, New York.  
 Knickerbocker Elev. Gate Co., automatic, 116 West, New York.  
 Knickerbocker Lbr. & Nov. Co., advtg. nov. & spec., 79 5th av, New York.  
 Knickerbocker Lime Co., 364 N. 24th, Philadelphia, Pa.  
 Knickerbocker Mach. Works., machsts. & fndrs., 161 Perry, New York.  
 Knickerbocker Mfg. Co., hrwe. mfrs., Belleville, N. J.  
 Knickerbocker Metallic Bed Co., machinists, Bayonne, N. J.  
 Knickerbocker Motor Truck Mfg. Co., 151st & River av, New York.  
 Knickerbocker Paint Co., mfrs., 185 Madison av, New York.  
 Knickerbocker Portland Cement Co., 30 E. 42d, New York.  
 Knickerbocker Silver Co., Port Jervis, N. Y.  
 Knickerbocker Watch Co., Woolworth Bldg., New York.  
 Knight, Arthur J., lbr., Dublin, N. H.  
 Knight-Brinckerhoff Piano Co., Brazil, Ind.  
 Knight Bros., brass castings, Portland, Me.  
 Knight Buggy Co., carriages, Franklin, Va.  
 Knight Co., machinist, Sutter Creek, Cal.  
 Knight & De Micco, contractors, 2353 Washington av, New York.  
 Knight, Eugene H., architect, Brown Marx Bldg., Birmingham, Ala.  
 Knight, F. C., & Co., architects instruments & supplies, 400 Locust, Philadelphia, Pa.  
 Knight, Geo. C., machsts., Woonsocket, R. I.  
 Knight, Geo., & Co., machsts. & fndrs., Brockton, Mass.  
 Knight, H. W., & Sons, metal numbers & letters, Seneca Falls, N. Y.  
 Knight & Jilson Co., water heaters, Indianapolis, Ind.  
 Knight Light Co., 351 W. Chicago av, Chicago, Ill.  
 Knight, M. A., pottery, Akron, Ohio.  
 Knight Mfg. Co., machinists, Canton, Ohio.  
 Knight, Maurice A., acids & chem. stoneware, East Akron, Ohio.  
 Knight, Maurice L., stone producers, 1025 W. Mulberry, Baltimore, Md.  
 Knight Packing Co., canned goods, Portland, Ore.  
 Knight Soda Fountain Co., 351 W. Chicago, Chicago, Ill.  
 Knight & Thomas, fire extinguishers, etc., 212 Summer, Boston, Mass.  
 Knight Tire & Rubber Co., Canton, Ohio.  
 Knight, W. B., Machinery Co., 2000 Lucas av, St. Louis, Mo.  
 Knight, W. E., contractor, Decatur, Ill.  
 Knight & Wall Co., whol. hdwe., masons & bldrs.' matls. & mill & facty. supplies, Tampa, Fla.  
 Knight Woolen Mills, Provo, Utah.  
 Knightley Milling Co., flour mills, Fort Defiance, Va.  
 Knighton, W. C., architect, Salem, Ore.  
 Knights, W. R., htg. contrs., 1224 E. Lake, Minneapolis, Minn.  
 Knightstown Buggy Co., carriages, Knightstown, Ind.  
 Knightstown Conserve Co., Knightstown, Ind.  
 Knipe, Robt. T., architect, New York Bldg., Seattle, Wash.  
 Knisely Bros., cornices, fireproof windows & metallic window frames, 2799 S. 5th av, Chicago, Ill.  
 Knisely, H. C., Co., cornices & fireproof sashes & windows, 1908 S. Western av, Chicago, Ill.  
 Knit Goods Mfg. Co., sweaters, cardigans, etc., 142 Stockholm, Brooklyn, N. Y.  
 Knit Goods Specialty Co., mantle knittings machy., Chicopee Falls, Mass.  
 Knitted Padding Co., Canton Junction, Mass.  
 Knittel, Jos., Show Case Co., Quincy, Ill.  
 Knoble Filter Co., 1587 Clybourn av, Chicago, Ill.  
 Knoblock-Heideman Mfg. Co., electrical supplies, So. Bend, Ind.  
 Knoburn Co., doors, window frames, etc.—metallic, Hoboken, N. J.  
 Knobview Canning Co., Knobview, Mo.  
 Knoche Gottfried, architect, 516 E. 72d, New York.  
 Knodle, B. C., cornices & skylights, De Kalb, Ill.  
 Knodler, Fred J., tin plate, metals, etc., 68 N. 2d, Phila., Pa.  
 Knoek, L. S., & Co., whol. hdwe., 188 State, Hartford, Conn.  
 Knoell Bros., contractors, 1211 S. L., Tacoma, Wash.  
 Knoell, John, & Sons, refrigerators, 179 Jefferson, Phila., Pa.  
 Knoff Mfg. Co., machinists, Mankato, Minn.  
 Knoll, J. H., washing machines (clothes), Reading, Pa.  
 Knoll, Janas L., Mfg. Co., clothes washing machines, Lebanon, Pa.  
 Knollenberg Milling Co., flour, Quincy, Ill.  
 Knoop, Otto, Lumber & Realty Co., 1217 Julia, New Orleans, La.  
 Knopel-Mappa Co., machsts., Louisville, Ky.  
 Knopf, Chas., architect, 523 Springfield av, Newark, N. J.  
 Knopp, Bernard, contractor, 431 W. 41st, New York.  
 Knopp Bros. Co., contractors & masons & bldrs.' matls., Toledo, Ohio.  
 Knopp, John, contractor, Winona, Minn.  
 Knorr, Edwin B., & Bro., plate glass, 1817 Orthodox, Fkd., Phila., Pa.  
 Knott, E. R., Mach. Co., 156 Pearl, Boston, Mass.  
 Knott & Harker Co., glass house machy., Beaver Falls, Pa.  
 Knott & Heald Co., elec. fix. mfrs., 290 Devonshire, Boston, Mass.  
 Knott, L. & Co., sash, door & blind mfrs., Cassadaga, N. Y.  
 Knott, L. E., Apparatus Co., scientific & chemical apparatus mfrs., 79 Amherst, Cambridge, Mass.  
 Knott Mfg. Co., plumbers' woodwork, Tell City, Ind.  
 Knott's, David N., Sons, second hand bags, 104 Callowhill, Philadelphia, Pa.  
 Knotts, R. W., canned goods, Great Mills, Md.  
 Knowlan Mach. & Supply Co., Victoria, Tex.



- Knowles, A. E., carriages, North Chesterville, Me.  
 Knowles, Adam, machst., Woodstown, N. J.  
 Knowles & Bassoe, architects, 280 Madison av, New York.  
 Knowles-Bradley Co., saltpetre & nitrate of soda, 82 Wall, New York.  
 Knowles, C. S., porcelain or clay cleats, Boston, Mass.  
 Knowles, Edwin M., China Co., East Liverpool, Ohio.  
 Knowles, Harry P., architect, 52 Vanderbilt av, New York.  
 Knowles-Lombard Co., canned goods, Guilford, Conn.  
 Knowles & Mathewson, contractors, Call Bldg., San Francisco, Cal.  
 Knowles, Morris, modernizing engrs., Oliver Bldg., Pittsburgh, Pa.  
 Knowles Mushroom Ventilator Co., mfrs., 9 Church, New York.  
 Knowles & Peck, cornices, Rochester, N. Y.  
 Knowles Scale & Supply Co., mill & fcty. supplies, Lowell, Mass.  
 Knowles Scale Works, Lowell, Mass.  
 Knowles, Taylor & Knowles, crockery, East Liverpool, Ohio.  
 Knowles, W. H., Foundry & Machine Co., machsts. & fndrs., Ottawa, Ill.  
 Knowles, Wm., architect, Central Bk. Bldg., Oakland & Hearst Bldg., San Francisco, Cal.  
 Knowles, Wm. H., & Co., mill & fcty. supplies, New Bedford, Mass.  
 Knowles, Wm. W., architect, 35 W. 39th, New York.  
 Knowlson, A. B., Co., masons & bldrs.' matls., Grand Rapids, Mich.  
 Knowlson & Kelley, machinists, Troy, N. Y.  
 Knowlton, A. T., Co., toasters, 99 Congress, Detroit, Mich.  
 Knowlton, B. E., lumber, Burnett, Wash.  
 Knowlton Bros., machsts. & fndrs., Camden, Me.  
 Knowlton Bros., paper & pulp mills, Watertown, N. Y.  
 Knowlton, Dallas, copper paints, Washington, D. C.  
 Knowlton, Geo. W., Rubber Co., 60 Pearl, Boston, Mass.  
 Knowlton, Harry B., carriages, North Chesterville, Me.  
 Knowlton, M. D., Co., paper box machinery, 26 Elizabeth, Rochester, N. Y.  
 Knowlton Mach. Co., Westbrook, Me.  
 Knowlton & Stone Co., masons & bldrs.' matls., Keene, N. H.  
 Knox & Allen, metallurgical engineers, 82 Beaver, New York.  
 Knox, Arthur Howell, architect, 118 N. La Salle, Chicago, Ill.  
 Knox, C. B., Co., glue mfrs., Johnstown, N. Y.  
 Knox City Iron Wks., stove mfrs., Knoxville, Tenn.  
 Knox Construction Co., 405 Lexington av, New York.  
 Knox, E. I., ties, poles, etc., Lulaton, Ga.  
 Knox & Elliott, architects, Rockefeller Bldg., Cleveland, Ohio.  
 Knox, Geo. S., Co., hand vacuum cleaners, Wilkinsburg, Pa.  
 Knox, J. E., & Co., rubber & cutting dies, Lynn, Mass.  
 Knox Lumber Co., Aitken, Minn.  
 Knox Mfg. Co., hose clamps, couplings, cocks, valves, etc., 321 Cherry, Philadelphia, Pa.  
 Knox Metal Wheel Co., Knox, Ind.  
 Knox Motors Co., builders of "Knox" tractors, Wilbrohon rd, Springfield, Mass.  
 Knox Pressed & Welded Steel Co., Farmers' Bk. Bldg., Pittsburgh, Pa.  
 Knox Stove Works, Knoxville, Tenn.  
 Knox, Strauss & Bragdon, masons & bldrs.' matls., Juniata & Preble, Ptg., Pa.  
 Knox, W. & J., Net & Twine Co., cor. Calvert & Lombard, Baltimore, Md.  
 Knox Woolen Co., wood felts, etc., Camden, Me.  
 Knoxville Abattoir Co., meat packers, Knoxville, Tenn.  
 Knoxville Brick Co., Knoxville, Tenn.  
 Knoxville Coffin Co., Knoxville, Tenn.  
 Knoxville Excelsior & Mattress Co., Knoxville, Tenn.  
 Knoxville Foundry & Machine Co., Knoxville, Tenn.  
 Knoxville Furniture Co., wood mantels, Knoxville, Tenn.  
 Knoxville Glove Mfg. Co., Knoxville, Tenn.  
 Knoxville Iron Co., Knoxville, Tenn.  
 Knoxville Lumber & Mfg. Co., masons & bldrs.' matls., Knoxville, Tenn.  
 Knoxville Veneer Co., Knoxville, Tenn.  
 Knubel, John H., architect, 305 W. 43d, New York.  
 Knudson & Ferguson, bldg. contrs., Duluth, Minn.  
 Knudson, H. P., contractor, Waupaca, Wis.  
 Knudson, Knud P., contrs., Kenosha, Wis.  
 Knudson & Mercer Lumber Co., 28 E. Jackson blvd, Chicago, Ill.  
 Krust, Leo, F., architect, 110 W. 40th, New York.  
 Knutson & Ferguson, contractors, Duluth, Minn.  
 Kny-Scheerer Co., surgical instrs. & X-ray app., 404 W. 27th, New York.  
 Koban Mfg. Co., rowboat motors, 241 S. Water, Milwaukee, Wis.  
 Koberlein Fred'k, machst. & fndr., 508 W. 24th, New York.  
 Kobert, H. G., contractor, 721 Delaware, Kansas City, Mo.  
 Kobmann, Chas., cornices, 1919 Central av, Cincinnati, Ohio.  
 Koch A. D., architect, Wells Bldg., Milwaukee, Wis.  
 Koch, Alfred S., & Sons, machsts., Lancaster, Pa.  
 Koch, Ands., musical instruments (strings, etc.), 296 B'way, New York.  
 Koch Bros., fndrs., Harvey, Ill.  
 Koch Bros. Co., carriages, New Waterford, O.  
 Koch Building & Supply Co., Ann Arbor, Mich.  
 Koch Butcher Supply Co., racks for cold storage rooms, 519 Wyandotte, Kansas City, Mo.  
 Koch, C. L., Co., masons & bldrs.' matls., Maumee, Ohio.  
 Koch, G., & Son, parquet floors, 537 W. 53d, New York.  
 Koch Cut Glass Co., 159 N. State, Chicago, Ill.  
 Koch, E. B., contractor, 28 4th, E., Salt Lake City, Utah.  
 Koch, Edward A., & Co., cornices, Front & John, Cincinnati, O.  
 Koch, Ernest, architect, Hoffman blk., Ottumwa, Ia.  
 Koch, F. A., & Co., surgical & veterinary instruments, cutlery mfrs., etc., 524 B'way, New York.  
 Koch, Geo. A., contractor, Reading, Pa.  
 Koch, Gustav, & Co., badges & emblems, stencils, etc., 71 W. Rand, Chicago, Ill.  
 Koch, H. C., & Son, architect, Wells Bldg., Milwaukee, Wis.  
 Koch, Hy., test indicators, Nyack, N. Y.  
 Koch, Jerv A., architect, Hippodrome Bldg., Peoria, Ill.  
 Koch, Julius, architect & contractor, 219 Carondelet, New Orleans, La.  
 Koch, Rupert W., architect, Chamber of Commerce Bldg., Detroit & Ann Arbor, Mich.  
 Koch & Son Mfg. Co., bob sleds, St. Cloud, Minn.  
 Koch, W. Tilden, architect, 3131 Hull av, New York.  
 Koch & Wagner, architects, 26 Court, Brooklyn, N. Y.  
 Koch, Wm., contractor, La Salle, Ill.  
 Kocher, A. L., architect, State College, Pa.  
 Kocher & McCellan, architects, 806 W. 79th, Chicago, Ill.  
 Kochs, Theo. A., Co., barbers' chairs, 659 Wells, Chicago, Ill.  
 K. & O. Co., cigar cutters & bottle openers, 366 Butler, Brooklyn, N. Y.  
 Kodak, Stephen J., architect, 34 Warburton av, Yonkers, N. Y.  
 Koebig, H. K., Lumber Co., 173 E. Jefferson, Los Angeles, Cal.  
 Koechl, Otto R., architect, 15 E. 40th, New York.  
 Koegel, Chas., & Son, paper wire mill & coating mill, machinery mfrs., 306 Race, Holyoke, Mass.  
 Koehl, J. W., & Son, screens, 658 S. Anderson, Los Angeles, Cal.  
 Koehl, Wm., architect, Park Bldg., Cleveland, Ohio.  
 Koehler, A., Co., masons' & bldrs.' matls., Geneva, Neb.  
 Koehler Bros., machinists, Saginaw, Mich.  
 Koehler Bros.-Fowler Constr., 68 Court av, Memphis, Tenn.  
 Koehler, Chas. W., architect, 221 Hazelwood av, Detroit, Mich.  
 Koehler, F. A., contractor, Peru, Ill.  
 Koehler, F. D., htg. contrs., 560 Richard ter., New Brighton, N. Y.  
 Koehler, Fred., cornices, Hazleton, Pa.  
 Koehler, H. J., S. G., Co., automobile bldrs., 154 Ogden, Newark, N. J.  
 Koehler, Hy. L., Mfg. Co., lbr. mfrs., rubber stamps, stencils, etc., Louisville, Ky.  
 Koehler & Hinrichs Co., billiard tables, etc., St. Paul, Minn.  
 Koehler, J. P., Co., scrap iron & steel, 2837 Smallman, Pittsburgh, Pa.  
 Koehler Mfg. Co., miners' safety lamps, Marlboro, Mass.  
 Koehler & Streng Co., scrap iron & steel, Noblestown rd, Pittsburgh, Pa.  
 Koehler, V. Hugo, brewery architect, 2 Columbus Cir., New York.  
 Koehring Machine Co., concrete mixers, 31st & Concordia av, Milwaukee, Wis.  
 Koelble, Henry A., architect, 114 E. 28th, New York.  
 Koelle, Aug., contractor, 61 Bissell av, Buffalo, N. Y.  
 Koellen, Henry, contractor, Michigan City, Ind.  
 Koenig, Chas. J. U., contractor, 110 Jessie, San Francisco, Cal.  
 Koenig & Christiansen, architects, Humboldt Bk. Bldg., San Francisco, Cal.  
 Koenig, Edw. L., contrs.' tools & supplies, 136 W. Lake, Chicago, Ill.  
 Koenig, F. C., architect, 4920 Parkside av, Philadelphia, Pa.  
 Koenig, Fred, architect, 4770 Lincoln av, Chicago, Ill.  
 Koenig, H. B., cornices, Tonawanda, N. Y.  
 Koenig & Luhrs Wagon Co., Quincy, Ill.  
 Koenig, William, architect, 1106 Cabrillo, San Francisco, Cal.  
 Koenigkramer, F. & F., spraying machines, 1914 Western av, Cincinnati, Ohio.  
 Koenigsberger, F. H., architect, 665 Broad, Newark, N. J.  
 Koenigsmark Mill Co., flour, Waterloo, Ill.  
 Koepfle Bros., contractors, Ogdensburg, Ind.  
 Koeppen Mould Wks., Marion, Ind.  
 Koepsell, J. J., Co., mill & fcty. supplies, Sheboygan, Wis.  
 Koering Cyaniding Process Co., Hammond Bldg., Detroit, Mich.  
 Koerner, C. A., & Co., contractors, Louisville, Ky.  
 Koerner, Robert A., architect, 651½ Wabash av, Terre Haute, Ind.  
 Koetting, John, brick, Muscatine, Ia.  
 Kofoed, Aug., contractor, Silver Creek, N. Y.  
 Koger Pea & Bean Thresher Co., Morristown, Tenn.  
 Kohaut, John C., engravers' chucks, wooden mallets, etc., 117 Green, Newark, N. J.  
 Kohfeldt, Walter G., architect, 64 E. Van Buren, Chicago, Ill.  
 Kohl & Madden Mfg. Co., inks, 124 Polk, Chicago, Ill.  
 Kohlbusch, Herman, assay balances, 149 N. Y. av, Jersey City, N. J.  
 Kohler Brick Co., Toledo, Ohio.  
 Kohler & Campbell, pianos, 601 W. 50th, New York.  
 Kohler Co., cast iron enamel & sanitary ware, Sheboygan, Wis.  
 Kohler Die & Specialty Co., weather strips, De Kalb, Ill.  
 Kohler, F. E., Co., agricultural implements & hinge mfrs., Canton, Ohio.  
 Kohler, F. F., rims & felloes, South Zanesville, Ohio.  
 Kohler & Liebich, machinists, 1751 Addison, Chicago, Ill.  
 Kohlhaas Co., card system & files, 3121 Lake, Chicago, Ill.  
 Kohlhepp, Anthony, cornices, 616 N. Eutaw, Baltimore, Md.  
 Kohlman, Nathan, architect, Godchaux Bldg., New Orleans, La.



Kohlmann Moss & Cotton Felt Co., New Orleans, La.  
 Kohlmetz, Chas. E., iron; elevators, Rochester, N. Y.  
 Kohlmetz, H. L., iron; elevators, Rochester, N. Y.  
 Kohlmeier, Geo. E., cornices, 8222 N. B'way, St. Louis, Mo.  
 Kohls, Wm., machinists, Cologne, Minn.  
 Kohn, Alfred, contractor, 110 Jessie, San Francisco, Cal.  
 Kohn, Jacob & Josef, revolving chairs, 110 W. 27th, New York.  
 Kohn, Robert D., architect, 56 W. 45th, New York.  
 Kohner, Henry, architect, Kresge Bldg., Detroit, Mich.  
 Kohnstamm, H., & Co., starch & color mfrs. & imp., 87 Park pl, New York.  
 Kohrs Packing Co., meat packers, Davenport, Iowa.  
 Kohken Barbers' Supply Co., razor strops, etc., Sidney & Texas, St. Louis, Mo.  
 Kokenberger, F. H., contractor, Hazleton, Pa.  
 Kokomo Bale Tie Co., Kokomo, Ind.  
 Kokomo Brass Wks., machinists & founders, Kokomo, Ind.  
 Kokomo Construction Co., Kokomo, Ind.  
 Kokomo Elec. Co., machinists, Kokomo, Ind.  
 Kokomo Fence Mach. Co., Kokomo, Ind.  
 Kokomo Fertilizer Co., Kokomo, Ind.  
 Kokomo Hardware Co., Kokomo, Ind.  
 Kokomo Nail & Brad Co., Kokomo, Ind.  
 Kokomo Opalescent Glass Co., Kokomo, Ind.  
 Kokomo Oscillating Fan Co., Kokomo, Ind.  
 Kokomo Rubber Co., Kokomo, Ind.  
 Kokomo Sanitary Mfg. Co., plumbers' sanitary earthenware mfrs., Kokomo, Ind.  
 Kokomo Steel & Wire Co., Kokomo, Ind.  
 Kokomo Stone Co., Kokomo, Ind.  
 Kokomo Supply Co., mill & facty. supplies, Kokomo, Ind.  
 Kokomo Trunk Co., Kokomo, Ind.  
 Kola Lumber Co., Kola, Miss.  
 Kolar Bros., window display fixtures & poles (curtain, etc.), 9 Baxter, New York.  
 Kolb, Edw., machinist, Lockport, N. Y.  
 Kolb, Wm. A., cornices, Tacoma, Wash.  
 Kolbe, John, Co., glass, paint, 229 W. 5th, Cincinnati, Ohio.  
 Kolesch & Co., engineering & surveying instruments, 138 Fulton, New York.  
 Kolisch, J., & Son, soap, 512 E. 76th, New York.  
 Koll, A. J., wooden columns, Los Angeles, Cal.  
 Koller, E. L., coal chutes, sand screens, etc., 276 Sussex av, Newark, N. J.  
 Koller Fertilizer Co., Seitzland, Pa.  
 Koller, J. B., & Co., carriage & wagon materials mfrs., Mechanicsburg, Pa.  
 Koller & Smith Co., filing cabinets & devices, 159 Leonard, New York.  
 Kolling Husker Works, Arlington Heights, Ill.  
 Kollock, L. R., & Co., masons & bldrs.' matls., Mtrl. Ry. Ex. Bldg., Portland, Ore.  
 Kollmyer & Talbot, machsts. & fndrs., Keokuk, Ia.  
 Kolloge Hardware Co., 367 3d, Milwaukee, Wis.  
 Kaltzau & Myers, contractors, Davenport, Ia.  
 Komada Bros., fruit pickers, 1008 Vine, Philadelphia, Pa.  
 Komp Mach. Wks., Hattiesburg, Miss.  
 Konigslow, E., Stamping & Tool Wks., Cleveland, Ohio.  
 Konigslow, Otto, Mfg. Co., stamping works, Perkins & E. 35th, Cleveland, Ohio.  
 Konold, M. J., Co., valves, steam traps, etc., Bessemer Bldg., Pittsburgh, Pa.  
 Koochook Rubber Co., 1120 Pine, St. Louis, Mo.  
 Koon, E. B. & H. J., contractors, 31 Mill, Auburn, N. Y.  
 Koons, E. W., & Co., steamfitters' supplies, 911 Filbert, Philadelphia, Pa.  
 Koons, Fred'k S., stone producers, Schwenkville, Pa.  
 Koons, Wm. U., hot air furnaces, Danville, Ill.  
 Koos, N. S., & Son Co., fertilizer mfrs., Kenosha, Wis.  
 Kopelent, Hy., cornices, 2723 Vine, Cincinnati, Ohio.  
 Kopelson Bros., arch'l & ornamental iron, 4118 Park av, New York.  
 Kopf Bros. Co., canned goods, New Haven, Conn.  
 Kopf Engng. Co., machinists, Battle Creek, Mich.  
 Kopf, J. Edwin, architect, Lemcke Annex, Indianapolis, Ind.  
 Kopp, J. K., granite producers, New London, Conn.  
 Kopp, Jos. D., architect, 327 S. La Salle, Chicago, Ill.  
 Kopp Motor Truck Co., Buffalo, N. Y.  
 Koppe & Steinichen, sculptors & modelers, architectural, Atlanta, Ga.  
 Koppe, Wm., architect, 830 Westchester av, New York.  
 Koppelman, Wm. H., contractor, Louisville, Ky.  
 Kopperman, Jos., & Sons, coppersmiths, 307 Florist, Phila., Pa.  
 Koppitz-Smith Mill Co., lumber, Pacific, Mo.  
 Kopps, Jno. I., Sons, cornices & skylights, Boonton, N. J.  
 Kopriwa, E., Co., classic wood carvers, 2220 Ward, Chicago, Ill.  
 Kops, J. deBruyn, architect, 47 Drayton, Savannah, Ga.  
 Korber, Albert, & Son, dec. architects, 42 Hanson pl, Brooklyn, N. Y.  
 Korber, Herbert W., architect, 42 Hanson pl, Brooklyn, N. Y.  
 Korber, J., & Co., hardware, wholesale, Albuquerque, N. Mex.  
 Kordes, Hy. E., contractor, 243 Moffat, Brooklyn, N. Y.  
 Korell, Emil, architect, 1234 S. Preston, Louisville, Ky.  
 Korell, J. A., cornices, 2061 Hayes, San Francisco, Cal.  
 Korette, F. H., Brass & Mfg. Co., Ltd., 922 Magazine, New Orleans, La.  
 Korff, F. W., Elec. Co., machinists, Lockport, N. Y.

Korff Mfg. Co., sink frames, Lansing, Mich.  
 Korfmann, Fred'k W., architect, 406 9th av, Long Island City, N. Y.  
 Korn, A. F., Jr., architect, Security Bldg., Galveston, Tex.  
 Korn, Geo. W., Razor Mfg. Co., Little Valley, N. Y.  
 Korn, Wm., crayons & pencils, 120 Centre, New York.  
 Kornmeyer Bros., brick, Decorah, Ia.  
 Korncs, C. C., Co., insulator clamps, Johnstown, Pa.  
 Korster, John M., Co., mill & facty. supplies, Rochester, N. Y.  
 Kortick Falls Mfg. Co., cross arm braces, 335 1st, San Francisco, Cal.  
 Kortlang, Chas., sash, door & blind mfr., Hoboken, N. J.  
 Korver, Albert, & Son, decorative architects, 56 Lafayette av, Brooklyn, N. Y.  
 Koscherak Stopper Co., 489 5th av, New York.  
 Koschig, Julius C., glass stainers, 717 6th av, New York.  
 Koshollek, Paul F., machst. & fndr., Stevens Point, Wis.  
 Kosicky Patent Bake Oven Co., 1079 Mt. Ell, Detroit, Mich.  
 Kosmath Co., automobile bldrs., 1506 Fort, Detroit, Mich.  
 Kosmos Portland Cement Co., Kosmosdale, Ky.  
 Koss Construction Co., Des Moines, Ia.  
 Koss & German Co., sash, door & blind, Fostoria, Ohio.  
 Kostecky, Jos., carriages, Hoboken, N. J.  
 Koster, John L., architect, 115 S. Dearborn, Chicago, Ill.  
 Kotcher, C. W., lumber, 649 Gratiot av, Detroit, Mich.  
 Kottolowski, Ernest F., & Co., contractors, 1123 Olive, Indianapolis, Ind.  
 Kouns, Wesley, agricultural implements, Salina, Kan.  
 Kovalsky Bros., contractors, 7 E. 42d, New York.  
 Koven, L. O., & Bro., boilers, tanks, etc., 154 Ogden av, Jersey City, N. J.  
 Koym, H. W., flour, East Bernard, Tex.  
 Kozick, Edward, architect, 2025 Walnut, Milwaukee, Wis.  
 Krabbenschmidt, E. A. P., architect, Newark, N. J.  
 Krack, Gust., & Son, cornices, Erie, Pa.  
 Kracke & Flanders, masons' & bldrs.' matls., 819 Julia, New Orleans, N. J.  
 Kraemer Bros., masons' & bldrs.' matls., College Point, N. Y.  
 Kraemer Mfg. Co., cigar, range & gas lighters, 157 Chambers, New York.  
 Kraetke Bros. Mach. Co., 399 Macomb, Detroit, Mich.  
 Kraetsch & Kraetsch, architects, Securities Bldg., Des Moines, Ia.  
 Kraetzer Co., sash, door & blind mfrs., 1034 W. 22d, Chicago, Ill.  
 Kraetzer Cured Lumber Co., Moorehead, Miss.  
 Kraeuter & Co., carpenters' & upholsterers' tools, 583 18th av, Newark, N. J.  
 Kraft & Sons, architects, Phelan Bldg., San Francisco, Cal.  
 Kraft, A. B., contractors, bldg. & gen., York, Pa.  
 Kraft, A. C., measures, mill & facty. supplies, outing goods, pumps, etc., 323 W. Lake, Chicago, Ill.  
 Kraft, Bates & Spencer, pianos, 156 Boylston, Boston, Mass.  
 Kraft, Theo., & Sons, jewelry cases, 458 W. B'way, New York.  
 Krager, J., cotton damasks, 1543 Ruan, Philadelphia, Pa.  
 Krager Turpentine Cup Co., Daisy, Tenn.  
 Krah Const. Co., 62 W. Madison, Chicago, Ill.  
 Krahm Mfg. Co., air pumps, 598 Clinton, Milwaukee, Wis.  
 Krais, William, architect, 121 S. 9th av, Mount Vernon, N. Y.  
 Krajewski-Pesant Corp., sugar machy. & fndrs., 54 Beard, Brooklyn, N. Y.  
 Krakauer Bros., pianos, 125 W. 42d, New York.  
 Krakauer, Zork & Moye's, whol. hdwe., mill & facty. supplies, El Paso, Tex.  
 Kral, Wm., & Co., pearl buttons, Franklin, Long Island City, N. Y.  
 Kramb Brick & Tile Co., Oak Harbor, Ohio.  
 Kramer Automatic Tamper Co., Peoria, Ill.  
 Kramer Bros. Co., masons & bldrs.' matls., Frankfort, Ind.  
 Kramer Bros. & Co., sashes, doors & blinds, Elizabeth City, N. C.  
 Kramer Bros. Fdry. Co., Dayton, Ohio.  
 Kramer, C. & W., Co., lumber, Richmond, Ind.  
 Kramer, Geo. W., & Son, architects, 1 Madison av, New York.  
 Kramer, H., & Co., smelters & refiners, 730 S. Canal, Chicago, Ill.  
 Kramer-Hadeler & Co., whol. hdwe., Dayton, Ohio.  
 Kramer, I. N., carriages, Goodville, Pa.  
 Kramer, J. B., architect, Elizabeth City, N. C.  
 Kramer, J. & Sons Mfg. Co., coal & coke wagons & chutes, 675 Water, New York.  
 Kramer, John, & Co., 1003 S. Clinton, Baltimore, Md.  
 Kramer, Ludwig, contractor, Hazleton, Pa.  
 Kramer, Morris, cornices & skylights, 569 3d av, New York.  
 Kramer Rotary Harrow Co., agricultural implements, Morton, Ill.  
 Kramer, W. J., Oil Co., 216 Reed, Milwaukee, Wis.  
 Kramer Wagon Co., Oil City, Pa.  
 Kramer, Wm. K., machst., Perkasi, Pa.  
 Kramer, X. A., architect, Magnolia, Miss.  
 Kranich & Bach, pianos, 235 E. 23d, New York.  
 Krantz, John J., contractor, 64 Peck, Buffalo, N. Y.  
 Krantz & McCoy, contractors, 365 Soho, Ptg., Pa.  
 Krantz Mfg. Co., electrical instruments, 160 7th, Brooklyn, N. Y.  
 Krantz & Sell Co., cut glassware, Honesdale, Pa.  
 Kranz Carriage & Wagon Mfg. Co., 3032 Gravois rd, St. Louis, Mo.  
 Krapp, Herbert J., architect, 114 E. 16th, New York.  
 Krasberg Mfg. Co., herringbone gears, milling cutters & screw pitch gauges, 420 Orleans, Chicago, Ill.  
 Krasin, Gustav A., architect, Madison, Wis.  
 Krasser, F., & Co., archl. iron, 31 George, Rox. Boston, Mass.



- Kratt, George, lumber, Lorain, Ohio.  
 Kratz, A. S., Co., folding paper boxes, Richmond, Va.  
 Kratz, C. F., contrs., Portland, Ore.  
 Kratz, E. V., architect, Champaign, Ill.  
 Kratz, Peter A., brass castings, 1301 Centre, Syracuse, N. Y.  
 Kratzer Carriage Co., Des Moines, Ia.  
 Kratzer, W. N., & Co., structural iron & steel, 3212 Smallman, Pittsburgh, Pa.  
 Krauch, Walter T., architect, La Grange, Ill.  
 Kraus, J. C., Cast Stone Works, 363 Lexington av, New York.  
 Krause, C. A., Milling Co., corn feed & flour, 37th & Burnham, Milwaukee, Wis.  
 Krause, C. H., Lumber Co., crates, Antigo, Wis.  
 Krause, Edmund R., architect, 22 W. Monroe, Chicago, Ill.  
 Krause, Ernest, architect, Morgan Bldg., El Paso, Tex.  
 Krause, F., contractor, Wausau, Wis.  
 Krause, F. A., flour, Gayhill, Tex.  
 Krause, Geo., Hardware Co., Lebanon, Pa.  
 Krause, J. S., Hardware Co., Bethlehem, Pa.  
 Krause-Managan Lumber Co., Ltd., Westlake, La.  
 Krause, R. F., grass catchers, Zion City, Ill.  
 Krause & Stone, lumber, Marshfield, Wis.  
 Krause, Wm., masons & bldrs.' matls., 1621 N. 5th, Phila., Pa.  
 Kraushaar Brass Mfg. Co., St. Louis, Mo.  
 Krauss & Co., willow, wire & trout baskets, 11 Houston, New York.  
 Krauss, O., & Son, harness, Topeka, Kans.  
 Krauss & Roberts, plumbers' supplies—jobbers, cor. Baltimore & Eden, Baltimore, Md.  
 Krauss, W. K., architect, Law Bldg., Indianapolis, Ind.  
 Krauth & Benninghofen, machsts., Hamilton, Ohio.  
 Krawik, G. H., machst. & fndr., Everett, Wash.  
 Krawiec, I., architect, Baldwin, N. Y.  
 Kreamer, A., coal hods & urns, 307 Kent av, Brooklyn, N. Y.  
 Krebs Commercial Car Co., Clyde, Ohio.  
 Krebs, Emil, machinist, Elwood, Ind.  
 Krebs Pigment & Chemical Co., lithopone, Newport, Del.  
 Krefeld Steel Co., 50 Church, New York.  
 Krefling, Edward, cornices, 622 W. Vanburen, Chicago, Ill.  
 Kregel Casket Co., 18th & Cass av, St. Louis, Mo.  
 Kregel Windmill Co., Nebraska City, Neb.  
 Kreidler Auto Top Co., Trenton, N. J.  
 Kreig, M. A., & Co., sashes, doors & blinds, Nelsonville, Ohio.  
 Krein Chain Co., Wapakoneta, Ohio.  
 Kreis, H., & Sons, contractors, Knoxville, Tenn.  
 Kreis & Hubbard, umbrella mfrs., 320 S. Franklin, Chicago, Ill.  
 Kreischer Brick Mfg. Co., Kreischerville, S. I., N. Y.  
 Kreisle Edwin C., architect, Scarbrough Bldg., Austin, Tex.  
 Kreiter, Louis, & Co., machsts., 313 S. Clinton, Chicago, Ill.  
 Kreiter Mfg. Co., pianos, 1043 Winnebago, Milwaukee, Wis.  
 Kreittler, Chas., twine, Newark, N. J.  
 Kreittler, Herman, architect, 45 Clinton, Newark, N. J.  
 Kreitzburg, Ernest J., contractor, Broad & Arch, Phila., Pa.  
 Kreitzer Buggy Co., Wapakoneta, Ohio.  
 Krell Auto Grand Piano Co., Connersville, Ind.  
 Krell Piano Co., 9th & Harriet, Cincinnati, Ohio.  
 Krelle, F. W., architect, Omaha Nat'l Bk. Bldg., Omaha, Neb.  
 Krembs & Co., brazing compounds, 173 N. Green, Chicago, Ill.  
 Kremer & Voirol Contr. Co., 810 Olive, St. Louis, Mo.  
 Krempel & Erkes, architects, Henne Bldg., Los Angeles, Cal.  
 Krenz, Oscar, Copper & Brass Works, 431 Folsom, San Francisco, Cal.  
 Kreselguhr Co. of America, infusorial earth, Los Angeles, Cal.  
 Kress Bros., carriages, Lawrence, Mass.  
 Kress, F. J., Box Co., packing, 2930 Liberty av, Pittsburgh, Pa.  
 Kress, Frank F., horse collars, Green Bay, Wis.  
 Kress, O. F., & Son, fire extinguishers, Lawrence, Mass.  
 Kretschmer Mfg. Co., bee & poultry supplies, Council Bluffs, Ia.  
 Kretsch & Priester, machsts. & fndrs., 25 Bleeker, New York.  
 Kretschmer Mfg. Co., plumbing & heating supplies, Dubuque, Ia.  
 Kretz, Adolph H., contractor, Reading, Pa.  
 Kretz, Joseph, common brick, Washington, Ind.  
 Kreul Bros., machsts. & fndrs., Laurens, Ia.  
 Kreusler, H. L., contractor, 3301 Penn av, Ptg., Pa.  
 Kreutzburg Meter Co., 9 S. Clinton, Chicago, Ill.  
 Kreuzberger, Bartie, masons & bldrs.' matls., Sacramento, Cal.  
 Krewson, T. C., ladders, 801 Master, Philadelphia, Pa.  
 Krey Packing Co., meat, 21st & Breman av, St. Louis, Mo.  
 Kreymborg Architectural Co., 1029 E. 163d, New York.  
 Krick, P. Monroe, contractor, Reading, Pa.  
 Krick, Tyndall, & Co., brick, Decatur, Ind.  
 Krickwell Motor Co., 1373 E. 55th, Chicago, Ill.  
 Krider, C. V., architect, Paris, Tenn.  
 Kriebee & Co., pipe hangers, 826 Spring Garden, Phila., Pa.  
 Krieger, Ed., contractor, Clinton, Ia.  
 Krieger, J. P., Saddlery Co., Louisville, Ky.  
 Kriegshaber, V. H., & Son, masons & bldrs.' matls., Atlanta, Ga.  
 Kriel, Chas. G., meat packers, 7 W. Henrietta, Baltimore, Md.  
 Krier Preserving Co., canned goods, Belgium, Wis.  
 Kries, Henry A., & Sons Co., heating contractors, Baltimore, Md.  
 Kries, Michael A., elec. light fix. mfrs., 303 W. Lombard, Baltimore, Md.  
 Kriete, J. E., canned goods, Dunnsville, Va.  
 Krietenstein, Carl, whol. & retail plate & window glass, Terre Haute, Ind.  
 Krietenstein, John, contractor, 35 N. Dearborn, Chicago, Ill.  
 Kring, Harvey H., architect, 6614 Colorado av, St. Louis, Mo.  
 Krippene Hardware Co., Oshkosh, Wis.  
 Krischer's Mfg. Co., stamping, belt buckles, etc., 186 Lewis, New York.  
 Krittenbrink, J. H., brick, South Omaha, Neb.  
 Kritzer Co., lime hydrating machinery, 72 W. Adams, Chicago, Ill.  
 Kroder, John, & Hy. Reubel Co., hdwe. mfrs., Meeker av, Brooklyn, N. Y.  
 Kroeger Bros., wood stains, 880 McKim, Baltimore, Md.  
 Kroeger Piano Co., Stamford, Conn.  
 Kroehler Bros., cornices & skylights, Plattsmouth, Neb.  
 Kroehles' A., Sons Co., leather harness, Jennings rd, S. W., Cleveland, Ohio.  
 Kroening Constr. Co., Majestic Bldg., Milwaukee, Wis.  
 Kroepke, W. H., steam & hot water htg. contr., 383 College av, New York.  
 Kroeschell Bros. Co., heating contrs. & steam litters supplies, 472 W. Erie, Chicago, Ill.  
 Kroeschell Bros. Ice Machine Co., 472 W. Erie, Chicago, Ill.  
 Krogh Mfg. Co., agricultural implements, 147 Beale, San Francisco, Cal.  
 Kroh, C. Irving, canned goods, Silver Run, Md.  
 Kroh, C. Z. Mfg. Co., auto. tops—dashes, Toledo, Ohio.  
 Krokyn, J. Frederick, architect, 44 Bromfield, Boston, Mass.  
 Kroll Bros., machsts. & fndrs., 97 Essex, New York.  
 Krom Mach. Works, 170 Broadway, New York.  
 Kromholz, L., architect, 1765 Townsend av, New York.  
 Kronauer, Chas., & Co., harness mfrs., 844 Fulton, Chicago, Ill.  
 Kronbrodt Cornice Co., 1811 Troost av, Kansas City, Mo.  
 Kroncke, H. G., Hardware Co., Madison, Wis.  
 Krone, Chas., machinist, Davenport, Ia.  
 Krone, Kreutz F., Co., patterns & models, 204 1st, San Francisco, Cal.  
 Kronenberg, F. L., architect, Madison, Wis.  
 Kroner, Ernest, architect, Worcester Bldg., Portland, Ore.  
 Kroner, Fred., Hardware Co., La Crosse, Wis.  
 Kronheimer & Oldenbusch Co., silver nov., 362 5th av, New York.  
 Kronman, E., cabinets, urns, etc., 40 Catherine, New York.  
 Kronmiller, Geo., & Son, umbrella mfrs., 139 N. Gay, Baltimore, Md.  
 Kronquest, August C., gas heaters, Maywood, Ill.  
 Kroonen, Leo., architect, Corona, Cal.  
 Kroot, Jos., scrap iron, Edinburg, Ind.  
 Kropff, Henry M., architect, Renshaw Bldg., Ptg., Pa.  
 Kropff, Carl, contractor, St. Cloud, Minn.  
 Kropff Forge Co., forgings, etc., 2512 W. 21st, Chicago, Ill.  
 Kroske, Paul C., architect, David Whitney Bldg., Detroit, Mich.  
 Krouse, Geo., castings, bronze, brass, etc., 150 Morgan, Jersey City, N. J.  
 Krouse, P. J., architect, Meridian, Miss.  
 Krouse, W. E., & Bro., white metal castings, Bridgeport, Conn.  
 Krouskop, A. H., masons & bldrs.' matls., Richland Center, Wis.  
 Krout & Fite Mfg. Co., tex. machy. (tapes, braids & cords), Allegheny av & Emerald, Philadelphia, Pa.  
 Kruckmeyer, Edward H., architect, St. Paul Bldg., Cincinnati, Ohio.  
 Kruecke Bros. Mfg. Co., brass castings, 515 Park, Milwaukee, Wis.  
 Krueger, A. L., Lumber Co., 511 Lbr. Ex., Minneapolis, Minn.  
 Krueger, E. F., mchst. & fndr., Glenwood City, Wis.  
 Krueger & Lachmann Milling Co., wheat flour, Neenah, Wis.  
 Krueger, Wm., Co., whol. hdwe., mill & facty. supplies, Neenah, Wis.  
 Kruegl, Chas., architect, 1133 27th, San Diego, Cal.  
 Krug, G., & Son, archl. iron, 415 W. Saratoga, Baltimore, Md.  
 Krug, Geo. E., architect, 320 5th av, New York.  
 Krug Paint Mfg. Co., 449 Kent av, Brooklyn, New York.  
 Krug, Wm., & Son Co., contractors, 6529 S. State, Chicago, Ill.  
 Kruger & Blind Co., boiler feed pumps, 511 Master, Phila., Pa.  
 Kruger, Philip J., mchst. & fndr., Greenville, Ill.  
 Krulowitch, E. M., contractor, 30 E. 42d, New York.  
 Krumm, Martin, archl. iron, Columbus, Ohio.  
 Krumsiek, Hy., brick, Shackelford, Mo.  
 Krupp Foundry Co., Lansdale, Pa.  
 Kruse & Bahlmann Hardware Co., 410 Pioneer, Cincinnati, O.  
 Kruse & Banks, ship bldrs., North Bend, Ore.  
 Kruse & Dewenter, hot air furnaces, 427 E. Washington, Indianapolis, Ind.  
 Kruse, Fred'k., lumber mfrs., Fredonia, N. Y.  
 Kruse Hardware Co., Carlisle & Baymiller, Cincinnati, Ohio.  
 Kruse & Murphy Mfg. Co., sew'g mach., 100 E. 130th, New York.  
 Kruse Printing Ink Co., duplicator inks, typewriter ribbon & carbon paper, 437 Pearl, New York.  
 Kruse, Wm., & Co., cornices, 523 Wade, Cincinnati, Ohio.  
 Krusing, Geo. G., contractor, Jefferson, Wis.  
 Kubach, C. J., Co., contractors, 8th, Los Angeles, Cal.  
 Kuball, Albert C., architect, Lincoln Inn Court, Cincinnati, Ohio.  
 Kubias, F., & Co., steamfitters' supplies, Cedar Rapids, Ia.  
 Kubias, J. C., canned goods, Redlands, Cal.  
 Kubick, Chas. F., cornices,  
 Kuder, Chas. V., & Co., camp stoves, 5315 Wentworth av, Chicago, Ill.  
 Kuder, Millard A., masons' & bldrs.' matls., Allentown, Pa.  
 Kuebler Foundries, Easton, Pa.  
 Kuebler, J. M., Co., sash, door & blind, Wausau, Wis.  
 Kuehl Bros., machinists, 1218 Milwaukee av, Chicago, Ill.



Kuehl, Chas. W., lbr. mfrs., Saginaw, Mich.  
 Kuehl Clock Co., 125 N. Wabash av, Chicago, Ill.  
 Kuehn, F. C. W., architect, Huron, S. D.  
 Kuehn & Metz, stor. batteries, 318 W. 48th, New York.  
 Kuehne, Carl Oscar, architect, 1572 N. Halsted, Chicago, Ill.  
 Kuehne, Chasey & Geisecke, architects, Littlefield Bldg., Austin, Tex.  
 Kuehnie, Jno., & Son, machinists, 2110 Colerain, Cincinnati, O.  
 Kuenzel Bros., brick & tile, Nevada, Ohio.  
 Kuenzel Mills Co., blankets, New Bremen, Ohio.  
 Kuenzli, E. O., architect, Camp Bldg., Milwaukee, Wis.  
 Kuenzli, Hy., & Co., masons' & bldrs.' matls., Milwaukee, Wis.  
 Kuert Contracting Co., Majestic Bldg., Indianapolis, Ind.  
 Kugler, Clarence B., Jr., & Co., masons' & bldrs.' matls., Land Title Bldg., Philadelphia, Pa.  
 Kugler, Geo. W., & Sons Co., lumber, 921 New Market, Philadelphia, Pa.  
 Kugler, Layton T., machinist, Lambertville, N. J.  
 Kugler Lbr. Co., Washington, N. C.  
 Kugler & Shane, founders, Woodall & Clement, Baltimore, Md.  
 Kub Bros., brooms, corn, Sioux Falls, S. D.  
 Kuh, E. S., & Valk Co., stearic acid, glue, tallow & wax, etc., Produce Exchange, New York.  
 Kuhl & Bent Co., advtg. counsellors, 732 Sherman, Chicago, Ill.  
 Kuhl, Chas., Artificial Stone Co., 601 Hunt, Cincinnati, Ohio.  
 Kuhlke, M. D., machinist, Akron, Ohio.  
 Kuhlman Elec. Co., machinists, Elkhart, Ind.  
 Kuhlman, G. C., Car Co., trucks (car, steam & elec.), Adams av & L. S. & M. S. Ry, Collingwood, Cleveland, Ohio.  
 Kuhlmann Hardware Co., 1320 Main, Cincinnati, Ohio.  
 Kuhlmann & Meyer, flour mills, California, Mo.  
 Kuhmarker Mfg. Co., paper cups, 260 West, New York.  
 Kuhn, E. C., umbrella mfr., 8 W. 4th, Cincinnati, Ohio.  
 Kuhn, J. R., Torpedo Co., Parkersburg, W. Va.  
 Kuhn Sash & Door Co., 204 N. E. 7th, Minneapolis, Minn.  
 Kuhne-Libby Co., lubrg. oils & greases, 51 Front, New York.  
 Kuhne, Paul, architect, 165½ E. 33d, Portland, Ore.  
 Kuhmer Packing Co., meat, Muncie, Ind.  
 Kuhns Bros., machsts. & fndrs., Dayton, Ohio.  
 Kuhns, W. T., Lumber Co., Savannah, Ga.  
 Kulage Brick Wks., Hobart, Ind.  
 Kulas, Henry, archt., 883 Windlake av, Milwaukee, Wis.  
 Kullman, Salz & Co., leather, Benicia, Cal.  
 Kulm Mill Co., flour, Kulm, N. D.  
 Kulp Bros. Brick Co., Columbus, Ohio.  
 Kulp Lbr. Co., Shamokin, Pa.  
 Kulzer, Jno. G., lumber, Valley, Wash.  
 Kumberger Gas Engine Co., marine & gasoline, 153 Lafayette, New York.  
 Kump, E. J., architect, Rowell Bldg., Fresno, Cal.  
 Kumpf, C. R., contractor, Canton, Ohio.  
 Kunde, J. A., architect, Ripon, Wis.  
 Kundert Bros., cornices, Monroe, Wis.  
 Kundtz, Theo., Co., auto. wood bodies, school furniture, etc., Winslow & Elm, Cleveland, Ohio.  
 Kuner Pickle Co., canned, Denver, Colo.  
 Kuney, M. D., architect, Diamond, W. Va.  
 Kunkel Carriage Works, Galion, Ohio.  
 Kunkely of N. Y., contr., tents, etc., 296 E. 157th, New York.  
 Kunkle, E. B., & Co., machsts. & fndrs., Ft. Wayne, Ind.  
 Kunst, John, children's vehicles, 70 Murray, New York.  
 Kuntz-Johnson Co., lumber mfrs., Dayton, Ohio.  
 Kuntz, Jos. F., architect, Westinghouse Bldg., Pittsburgh, Pa.  
 Kuntz, Peter, Co., lumber mfrs., Dayton, Ohio.  
 Kunz, Anthony, Jr., architect, 955 W. Court, Cincinnati, Ohio.  
 Kunz Bros. & Messinger, machsts., Phoenix, Ariz.  
 Kunz Oil Co., 12 Wilder, Minneapolis, Minn.  
 Kunze, A. E., contractor, McKeesport, Pa.  
 Kunzi, Albert C., architect, 65 Elliott av, Brooklyn, N. Y.  
 Kupfer, Otto A., architect, 1865 Millard av, Chicago, Ill.  
 Kupfer, Theo., machsts. & fndrs., Madison, Wis.  
 Kupferle Bros. Mfg. Co., brass fndrs., 600 N. 2d, St. Louis, Mo.  
 Kupferle, Jno. C., Fndry. Co., 1st & Wright, St. Louis, Mo.  
 Kupka & Follimel, pearl buttons, West New York, N. J.  
 Kupler, Theo., archt. iron, Madison, Wis.  
 Kurdle, Thos. J., meat packers, 3811 Eastern av, Baltimore, Md.  
 Kurfus, C. F., & Sons, flour, Rockford, N. C.  
 Kurfees, J. F., Paint Co., Louisville, Ky.  
 Kurke, W. F., architect, Fargo, N. D.  
 Kurrie Packing Co., meat packers, Taylor & 22d, Baltimore, Md.  
 Kurst, J. E., architect, Higgins Bldg., Los Angeles, Cal.  
 Kurtz, A. E., canned goods, Forest Hill, Md.  
 Kurtz Action Co., Rockford, Ill.  
 Kurtz Bag Co., 414 B'way, New York.  
 Kurtz Brass Bed Co. (Ltd.), Corry, Pa.  
 Kurtz Bros., interior woodwork & finish, Bethlehem, Pa.  
 Kurtz, L. H., Co., whol. hdwe. & plumbers' supplies, Des Moines, Iowa.  
 Kurtz, Langbein & Swartz, arch. engrs.' instrs. & supplies, 535 Wood, Pittsburgh, Pa.  
 Kurtz, N. M., Rattan Co., 155 Valencia, San Francisco, Cal.  
 Kurtz, W. W., canned goods, Moclips, Wash.  
 Kurtzer, William, architect, 1753 Boston rd, New York.  
 Kurtzman, C. & Co., pianos, 526 Niagara, Buffalo, N. Y.  
 Kurtzner Radiator Co., 7512 Carnegie av, Cleveland, Ohio.  
 Kusel, D., & F. Co., cornices & skylights, & whol. hdwe., Watertown, Wis.

Kusener, Casper, architect, 804 Commercial av, Cairo, Ill.  
 Kush, Gustave, printers' blankets, 3 Park Row, New York.  
 Kushakow, Jacob, archt. & ornamental iron, 49 3d av, New York.  
 Kushequa Brick Co., Kushequa, Pa.  
 Kushequa Ceramic Co., promenade roofing tile, Kushequa, Pa.  
 Kuske, H. P., canned goods, Mayer, Minn.  
 Kuster, J. A., floor scrapers, Plymouth, Wis.  
 Kutner-Goldstein Co., cornices & skylights, Fresno, Cal.  
 Kutsche, C. H., whol. hdwe., Grand Rapids, Mich.  
 Kuttawa Milling Co., flour, Kuttawa, Ky.  
 Kuttroff, Adolf, color mfg. & imp., 128 Duane, New York.  
 Kutz & Gift, machsts. & fndrs., Allentown, Pa.  
 Kutzendorf, C., & Co., trunk mfrs., 160 W. Van Buren, Chicago, Ill.  
 Kutztown Foundry & Machine Co., fndrs. & machsts., 1421 Chestnut, Philadelphia, Pa. *See adv index at end of book.*  
 Kutztown Lime & Crushed Stone Co., Kutztown, Pa.  
 K-W Ignition Co., Chester av & E. 30th, Cleveland, Ohio.  
 K. & W. Rubber Co., Ashland, Ohio.  
 Kyle, Geo., masons' & bldrs.' matls., 73d c Grays av, Phila., Pa.  
 Kyle Lumber Co., Ltd., Franklin, La.  
 Kyle Oil & Gin Co., meal, Kyle, Tex.  
 Kyle & Purdy, motor boat, launch & yacht bldrs., City Island, N. Y.  
 Kyle, R. W., Co., steam heating contrs., Wheeling, W. Va.  
 Kyle, W., & Sons Co., canned goods, Florence, Ore.  
 Kynoch, Chas., & Co., mill & facty. supplies, St. Ignace, Mich.  
 Kyoto Mfg. & Trading Co., harness rings, lanterns, dice, etc., 31 E. 17th, New York.

Labough & Armstrong Wood Turn'g Co., bowling balls & pins, 50 Ann, New York.  
 La Beaume & Klein, architects, Chemical Bldg., St. Louis, Mo.  
 La Belle Box Co., pkgg., Muskegon, Mich.  
 La Belle Iron Works, Steubenville, Ohio.  
 Laboratory Supply Co. (dlrs. & mfrs.), chemical glassware, 236 N. 3d, Columbus, Ohio.  
 Labouisse, S. S., architect, City Bk. & Tr. Bldg., New Orleans, La.  
 Labovich, B., cornices & skylights, 1250 Tremont, Boston, Mass.  
 Labrat & Graham Co., distillers, Frankfort, Ky.  
 Lachi, Primo, architect, 448 N. Luzerne av, Baltimore, Md.  
 Lacene Mfg. Co., machs. & fndrs., Manchester, N. H.  
 Lacey, Adin Benedict, architect, 1012 Walnut, Philadelphia, Pa.  
 Lacey, Geo. E., machinist, Salinas, Cal.  
 Lacey, R. S. & A. B., Washington, D. C.  
 Lacey, Sanford O., architect, Phelps Bk. Bldg., Binghamton, N. Y.  
 Lacey, T. I., & Son, architects, Kilmer Bldg., Binghamton, N. Y.  
 Lachele, Hy. L., cornices, 1511 Carmen av, Chicago, Ill.  
 Lachman & Murphy, architects, Witherspoon Bldg., Phila., Pa.  
 Lackmund Lumber & Coal Co., Sauk City, Wis.  
 Lachowsky, A. L., mach. & fndr., Morrilton, Ark.  
 Lack, F. T., & Son, architects, Ward Bldg., Shreveport, La.  
 Lackawanna Bridge Co., Buffalo, N. Y.  
 Lackawanna Chemical Co., wood alcohol, Straight, Pa.  
 Lackawanna Iron & Steel Co., blast furnaces, Buffalo, N. Y.  
 Lackawanna Leather Co., Hackettstown, N. J.  
 Lackawanna Lbr. Co., Scranton, Pa.  
 Lackawanna Mfg. Co., machsts., Ballston Spa., N. Y.  
 Lackawanna Steel Co., Buffalo, N. Y.  
 Lackey, H. A., contractors, Carlisle, Pa.  
 La Clair & McNulty, granite, Barre, Vt.  
 La Claire & Eggleston, carriages, Big Rapids, Mich.  
 Lackland, L. C., & Sons, canned goods, Lithia, Va.  
 Laclede Brass Wks., 307 Cedar, St. Louis, Mo.  
 Laclede-Christy Clay Products Co., Manchester & Sulphur avs, St. Louis, Mo.  
 Laclede Iron Wks., 1315 Chestnut, St. Louis, Mo.  
 La Clede Mfg. Co., paint mfrs.' color cards, Buffalo, N. Y.  
 Laclede Steel Co., Federal Reserve Bk. Bldg., St. Louis, Mo.  
 Laco-Phillips Co., tungsten lamps, 131 Hudson, New York.  
 Lacona Co., carbon paper, 17 Rose, New York.  
 Laconia Car Co., 60 Congress, Boston, Mass.  
 Laconia Needle Co., Laconia, N. H.  
 Lacoste Hardware Co. (whol.), masons' & bldrs.' matls., Long Branch, N. J.  
 Lacour, Crammer & Co., masons' & bldrs.' matls., Long Branch, N. J.  
 La Crescent Canning Co., La Crescent, Minn.  
 Lacroix, W. & E. W., shoe counters, Lynn, Mass.  
 La Crosse Boiler Co., La Crosse, Wis.  
 La Crosse Bridge & Steel Co., La Crosse, Wis.  
 La Crosse Hammock Works, La Crosse, Wis.  
 La Crosse Knitting Works, knitted gloves, La Crosse, Wis.  
 La Crosse Lumber Co., Louisiana, Mo.  
 La Crosse Motor Truck Co., La Crosse, Wis.  
 La Crosse Plumbing Supply Co., La Crosse, Wis.  
 La Crosse Rubber Mills Co., La Crosse, Wis.  
 La Crosse Scrap Iron & Metal Co., Marietta, Ohio.  
 La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.  
 La Crosse Stone Co., contractors, La Crosse, Wis.  
 La Crosse Well Drill Works, well drilling machy., La Crosse, Wis.  
 La Crosse Woolen Mills, wool batting, La Crosse, Wis.



- Lacy Bros., contractors, Arkansas City, Ark.  
 Lacy, Jas. J., Co., propeller wheels, Block & Wills, Baltimore, Md.  
 Lacy Mfg. Co., steel plate work, Los Angeles, Cal.  
 Ladd, C. M., lbr., Worcester, Vt.  
 Ladd, Carrol W., architect, 101 Park av, New York.  
 Ladd Co., metal & shoe polish, 35 Warren, New York.  
 Ladd, Geo. W., & Co., elastic hosiery, 147 Colorado av, Boston, Mass.  
 Ladd, Jno. W., Co., machsts. & fndrs., Detroit, Mich.  
 Ladd Lime & Stone Co., Atlanta, Ga.  
 Lade, Rudolph, heating contrs., 1730 Galena, Milwaukee, Wis.  
 Ladehoff & Sohn, architects, Clinton, Ia.  
 Laderer, W. C., Carriage Co., Zellenpole, Pa.  
 Ladew, Edw. R., Co., belting mfrs., mill & facty. supplies, etc., 54 Franklin, New York, & at Boston, Chicago & Philadelphia.  
 Ladew, Jones Co., lthr. belting butts, 105 South, Boston, Mass.  
 Ladewry Stock Co., casseroles, crucibles, cups & milk pasteurizer & machsts., Waukesha, Wis.  
 Ladish Drop Forge Co., Cudahy, Wis.  
 Ladner, C. F., Hardware Co., cornices & skylights, St. Cloud, Minn.  
 Ladoga Canning Co., Ladoga, Ind.  
 Ladow, J. S., architect, 35 Market, Poughkeepsie, N. Y.  
 Ladue & Rables, architects, Kresge Bldg., Detroit, Mich.  
 Ladysmith Brick & Tile Co., Ladysmith, Wis.  
 Laeche, W. C., & Co., granite producers, 30 N. La Salle, Chicago, Ill.  
 Laetscher & Burch Mfg. Co., sashes, doors & blinds, Des Moines, Ia.  
 Lafarge Lumber Co., Lafarge, Wis.  
 La Farge & Morris, architects, 101 Park av, New York.  
 Lafave, J. R., Lbr. Co., Croghan, N. Y.  
 La Favorite Rubber Co., packing mfrs., Hawthorne, N. J.  
 Lafaye, Geo. E., architect, Columbia, S. C.  
 Lafayette Box Board & Paper Co., Lafayette, Ind.  
 Lafayette College, engng. school & coll., Easton, Pa.  
 Lafayette, Cornwell, architect, Connerville, Ind.  
 Lafayette Cotton Mills, Lafayette, Ga.  
 Lafayette Cotton Oil Mills, Lafayette, Ala.  
 Lafayette Elec. & Mfg. Co., lightning arresters, telephones, etc., Lafayette, Ind.  
 Lafayette Engineering Co., Lafayette, Ind.  
 Lafayette Fence Works, ornamental bronze & iron gates, Lafayette, Ind.  
 Lafayette Fertilizer Co., Lafayette, Ga.  
 Lafayette Hominy Mill Co., grits, Lafayette, Ind.  
 Lafayette Lbr. Co., interior hardwood work, Lafayette, Ind.  
 Lafayette Mill & Lbr. Co., Lafayette av & P. B. & W. R. R., Baltimore, Md.  
 Lafayette Mills Co., turkish towels, Howard & Lehigh av, Philadelphia, Pa.  
 Lafayette Mirror Co., furniture tops, 173 Grand, New York.  
 Lafayette Roller Mills, flour, Lafayette, Ga.  
 Lafayette Stamping & Enameling Co., West Lafayette, Ohio.  
 Lafayette Sugar Refining Co. (Ltd.), New Orleans, La.  
 Lafayette Window Glass Co., Clarksburg, W. Va.  
 Laferty, J. E., architect, 11 E. Pleasant, Baltimore, Md.  
 Laffargue Co., pianos, E. 134th & Cypress av, New York.  
 Lafferty, Sam'l J. & Sons, cornices, Springfield, Ohio.  
 Laflamme, Frank X., contractor, Manchester, N. H.  
 Lanau Paper Co., roof sheathing & bldg. paper, York, Pa.  
 La Follette Coal & Iron Co., blast furnaces & iron ores, La Follette, Tenn.  
 Lafond, T., & Son, sewer pipes, Kankakee, Ill.  
 Lafontaine Handle Co., Decatur, Ind.  
 La France, L. A., contractor, Holyoke, Mass.  
 Laganke, Chas. F., machsts. & fndrs., 118 St. Claire av, N. E., Cleveland, Ohio.  
 Lagarde Lime & Stone Co., Anniston, Ala.  
 Lagasse, Paul, contractor, 826 9th, New Orleans, La.  
 Lage, B. H., artistic tile & floor mosaics, 484 Greenwich, New York.  
 Lage Canning Co., Eau Claire, Wis.  
 Lagerduist, Gust., elevators, 516 N. 3d, Minneapolis, Minn.  
 Lageschulte & Hager, masons' & bldrs.' matls., Barrington, Ill.  
 Lagonda Mfg. Co., boiler tube cleansers, etc., Springfield, Ohio.  
 Lagoon Co., turpentine, Apalachicola, Fla.  
 La Grande Milling Co., flour, La Grande, Ore.  
 La Grange, A., contractor, Schenectady, N. Y.  
 La Grange Fdry. Co., Quincy, Ill.  
 La Grange Mach. Wks., La Grange, Ind.  
 La Grange Mills, flour, Red Wing, Minn.  
 La Grange Pearl Button Co., La Grange, Mo.  
 Lagrange Specialty Co., brick, Lagrange, Ind.  
 Laban Stove & Mfg. Co., Quincy, Ill.  
 Laboma Roller Mills, flour, Laboma, Okla.  
 Lahr & Co., light fixture mfrs., 154 W. 27th, New York.  
 Lahue, M. M., & Co., machsts., Lowell, Mass.  
 Laib, Arthur J., architect, Russ Bldg., San Francisco, Cal.  
 Laib Co., plumbers, mill & facty. supplies, & jobbers, 1401 S. 8th, Louisville, Ky.  
 Laidlaw, Adam, & Co., contractors, Bessemer Bldg., Pittsburgh, Pa.  
 Laidlaw-Dunn-Gordon Co., machsts. & fndrs., Cincinnati, Ohio.  
 Laidlaw, R., Lbr. Co., Buffalo, N. Y.  
 Laimbeer, John, Jr., contractor, 103 Park av, New York.  
 Laing, Harrar & Chamberlin, heel plates, 42 N. 3d, Phila., Pa.  
 Laing Mach. Auto. Repair Co., Plainfield, N. J.  
 Lainhart & Potter, masons' & bldrs.' matls. & lumber, West Palm Beach, Fla.  
 Lair, John M., contractor, Gloversville, N. Y.  
 Laird & Sons, marine ry. bldrs., Ashtabula, Ohio.  
 Laird & Wilson Mfg. Co., excelsior, Crandon, Wis.  
 Lairsen, J., contractor, Davenport, Ia.  
 La Junta Brick & Tile Co., La Junta, Colo.  
 Lake Breeze Motor, fans, oil or alcohol driven, 560 West Monroe, Chicago, Ill.  
 Lake Building Material Co., 2144 W. 47th, Chicago, Ill.  
 Lake Champlain Pulp & Paper Co., Plattsburg, N. Y.  
 Lake Charles Carriage & Implement Co., Lake Charles, La.  
 Lake Charles Rice Milling Co., Lake Charles, La.  
 Lake City Stone Co., Dunkirk, N. Y.  
 Lake County Canning Co., Ukiah, Cal.  
 Lake Erie Boiler Wks., Buffalo, N. Y., & 250 Elm av, Cleveland, Ohio.  
 Lake Erie Builders' Supply Co., 1220 E. 55th, Cleveland, Ohio.  
 Lake Erie Dredging Co., Morgan Bldg., Buffalo, N. Y.  
 Lake Erie Dry Dock & Mill Co., Sandusky, Ohio.  
 Lake Erie Engng. Wks., Buffalo, N. Y.  
 Lake Erie Forging Co., Scranton & Univ. rds, Cleveland, Ohio.  
 Lake Erie Fndry. Co., Buffalo, N. Y., & Girard, Pa.  
 Lake Erie Iron Co., bolts & nuts, E. 63d, Cleveland, Ohio.  
 Lake Erie Limestone Co., Youngstown, Ohio.  
 Lake Erie Lumber & Supply Co., 5459 Hamilton av, Cleve., O.  
 Lake Erie Mfg. Co., pumps, valves, etc., Buffalo, N. Y.  
 Lake Erie Ore Co., 1025 Rockefeller Bldg., Cleveland, Ohio.  
 Lake Erie Provision Co., meat packers, Clark av & C. C. C. & St. L. Ry., Cleveland, Ohio.  
 Lake Erie Rubber Co., packing mfrs., Erie, Pa.  
 Lake Erie Sand Co., Sandusky, Ohio.  
 Lake Erie Smelting & Refining Co., 7909 Bessemer av, Cleve., O.  
 Lake, Frank G., lumber, Atlanta, Ga.  
 Lake & Harris, masons' & bldrs.' matls., Harvard, Ill.  
 Lake, Lily, Canning Co., Mountain Grove, Mo.  
 Lake Mills Canning Co., Lake Mills, Ia.  
 Lake Odessa Milk Co., canned, Lake Odessa, Mich.  
 Lake Placid Lumber & Supply Co., masons' & bldrs.' matls., Lake Placid, N. Y.  
 Lake Riley Mill Co., lumber, Hazel, Wash.  
 Lake & Risley Co., masons' & bldrs.' matls., Pleasantville, N. J.  
 Lake, Robert, Co., masons' & bldrs.' matls., Jackson, Mich.  
 Lake Sand Co., 19 S. La Salle, Chicago, Ill.  
 Lake Shipbuilding Co., Buffalo, N. Y.  
 Lake Shore Canning Co., Sheboygan, Wis.  
 Lake Shore Elec. Ry. Co., machsts. & fndrs., Fremont, Ohio.  
 Lake Shore Engine Works, Marquette, Mich.  
 Lake Shore Sand & Gravel Co., Cuyahoga & W. 3d, Cleveland, O.  
 Lake Shore Stone Co., 1406 1st Nat. Bk. Bldg., Milwaukee, Wis.  
 Lake Superior Brass Fdry., Laurium, Mich.  
 Lake Superior Electrical Co., Superior, Wis.  
 Lake Superior Iron & Chemical Co., blast furnaces, Ishpeming, Mich.  
 Lake Superior Knitting Wks., sweaters, cardigans, etc., Appleton, Wis.  
 Lake Superior Lumber Co., Ellsworth & McPherson, Kans.  
 Lake Superior Piling Co., ties, poles & posts, 961 22d, Chicago, Ill.  
 Lake Superior Stone Brick Co., Calumet, Mich.  
 Lake Torpedo Boat Co., machsts., Bridgeport, Conn.  
 Lake Union Brick Co., common, Seattle, Wash.  
 Lake View Art Glass Wks., 4908 Lincoln, Chicago, Ill.  
 Lake View Brick Co., 2756 Irving pk, Chicago, Ill.  
 Lakeside Bridge & Steel Co., steel structural work, N. Milwaukee, Wis.  
 Lakeside Craft Shops, card tables, Sheboygan, Wis.  
 Lakeside Dist. Co., 140 W. Water, Milwaukee, Wis.  
 Lakeside Dredging Co., contrs., Penobscot Bldg., Detroit, Mich.  
 Lakeside Forge Co., Erie, Pa.  
 Lakeside Fdry., Muskegon, Mich.  
 Lakeside Foundry Co., engine pistons, Lycaste av & Det. Terminal Ry., Detroit, Mich.  
 Lakeside Malleable Castings Co., 23d, bet. Clark & Ry., Racine, Wis.  
 Lakeside Motor Truck Co., 10 S. Dearborn, Chicago, Ill.  
 Lakeside Paper Co., Menasha, Wis.  
 Lakeside Rice Mill Co., Eagle Lake, Tex.  
 Lakeview Milling Co., flour, Lakeview, Mich.  
 Lakewood Chemical Co., carbon removers, 1134 Schofield Bldg., Cleveland, Ohio.  
 Lakewood Engineering Co., steel cars, etc., Cleveland, Ohio.  
*See adv index at end of book.*  
 Lakewood Lumber Co., sash, door & blind, 10217 Beria rd, Cleveland, Ohio.  
 Lakey, A. L., Co., paint mfrs., Kalamazoo, Mich.  
 Lakey, C. T., roll coverers, Georgiaville, R. I.  
 Lakin, Bruce, machsts., Sidney, N. Y.  
 Laks & Zucker, trunk mfrs., 597 B'way, New York.  
 Lalance & Grosjean Mfg. Co., machsts. & fndrs.—seamless stamped metal & enamel wares, 299 B'way, New York.  
 La Liberte Bros., contractors, Holyoke, Mass.  
 Lallie Surveying Instruments & Supply Co., 1710 Champa, Denver, Colo.



- Lally Commercial Body Co., auto hoists, Everett, Mass.  
 Lally, Jas. H., masons' & bldrs.' matls., Olyphant, Pa.  
 Lally, M., & Co., coffee roasters, 29 W. 3d, Cincinnati, Ohio.  
 Lam Building Co., 1001 Wood, Philadelphia, Pa.  
 Lamar Fertz Co., Lamar, S. C.  
 Lamar Ginning & Cottonseed Exchange Co., fertilizer mfrs., Lamar, S. C.  
 Lamar, L., & E., meal—cottonseed, Selma, Ala.  
 La Marche & Brault, contractors, Plattsburg, N. Y.  
 Lamarche's, H., Sons, tin plate, metals, etc., 81 John, New York.  
 Lamb Bros. & Greene, electric portables, Nappanee, Ind.  
 Lamb-Davis Lumber Co., Leavenworth, Wash.  
 Lamb, E. C., contractor, Houston, Tex.  
 Lamb Engine Co., Clinton, Ia.  
 Lamb, F. W., Co., htg. contrs., 24 E. Kinzie, Chicago, Ill.  
 Lamb-Field Co., contractors, Houston, Tex.  
 Lamb-Fish Lumber Co., Charleston, Miss.  
 Lamb, Frank H., Timber Co., lbr., Hoquiam, Wash.  
 Lamb, Geo. L., piano benches, Nappanee, Ind.  
 Lamb, J. K., machy. dlsrs., 246 Chestnut, Philadelphia, Pa.  
 Lamb, J. R., furn., stained glass, etc.—decorative architects, 25 6th av, New York.  
 Lamb, John J., contractor, Summit, N. J.  
 Lamb Knit Goods Co., gloves & mittens, Colon, Mich.  
 Lamb Knitting Machine Co., planer stops, knitting machy., etc., Chicopee Falls, Mass.  
 Lamb Machine Co., dlsrs., Hoquiam, Wash.  
 Lamb, Maskell T., glass stainers, 44 Bergen, Brooklyn, N. Y.  
 Lamb & Richie Co., speaking tubes, stainers, pipe, etc., Cambridge, Mass.  
 Lamb, Thos. W., architect, 644 8th av, New York, & 112 Water, Boston, Mass.  
 Lamberg, A., & Co., machy. dlsrs., 243 Centre, New York.  
 Lamberson, C. A., & Co., flour mills, Colon, Mich.  
 Lambert Bros. & Wirt, contractors, Delaware, Ohio.  
 Lambert, Chas. B., architect, Walla Walla, Wash.  
 Lambert Gas & Gasoline Engine Co., Anderson, Ind.  
 Lambert-Grisham Hardware Co., Henderson, Ky.  
 Lambert, H., Co., masons' & bldrs.' matls., Beaverville, Ill.  
 Lambert & Hartsoak, architects, Travelers Bldg., Richmond, Va.  
 Lambert Hoisting Engine Co., machsts., Poinier, Newark, N. J.  
 Lambert, Jacob, flour mills, Rapid City, S. Dakota.  
 Lambert Lumber Co., Leavenworth, Kans.  
 Lambert Machine Co., Marshall, Mich.  
 Lambert Multiplus Co., belting mfrs., 110 Union av, Portland, Ore.  
 Lambert, P. W., Co., advert. nov. & specialties, 64 Lispenard, New York.  
 Lambert, R. R., Co., common brick, Taggart & Crispen, Ptg., Pa.  
 Lambert & Todd Mach. Co., Camden, N. J.  
 Lambert, Wm. A., architect, Woolworth Bldg., New York.  
 Lambertson, W. W., carriages, Brainerdsville, N. Y.  
 Lambertville Iron & Steel Co., Lambertville, N. J.  
 Lambertville Pottery Co., Lambertville, N. J.  
 Lambertville Rubber Co., shoes, balls, etc., Lambertville, N. J.  
 Lambertville Stone Quarry Co., 1218 Filbert, Philadelphia, Pa.  
 Lamberty & Co., cornices, 4917 S. Ashland av, Chicago, Ill.  
 Lambeth Rope Corp. Co., New Bedford, Mass.  
 Lambie, James B., Co., hardware, whol., Washington, D. C.  
 Lamble, C. S., & Co., contractors, Tramway Bldg., Denver, Colo.  
 Lamble, Jas B., Co., machsts., 1415 N. Y. av, N. W., Wash., D. C.  
 Lambou & Noel Lbr. & Mfg. Co., New Orleans, La.  
 Lamb's, Daniel, Son, whol. hdwe., Saugerties, N. Y.  
 Lamb's, Levi, Son, masons' & bldrs.' matls., Poughkeepsie, N. Y.  
 Lamey & Co., masons' & bldrs.' matls., Barrington, Ill.  
 Laminated Shim Co., 533 Canal, New York.  
 Lamm, Edw. C., sash, door & blind mfrs., Danville, Ill.  
 Lammerding, John, contractor, Elizabeth, N. J.  
 Lemmert & Mann, machsts., 221 N. Wood, Chicago, Ill.  
 Lammond & Robertson Co., cocoa mats, Paterson, N. J.  
 La Mont, A. G., architect, Clarksburg, W. Va.  
 La Mont Chemical Co., Kane, Pa.  
 Lamont Engine Co., 1470 Jefferson, Detroit, Mich.  
 Lamont, Matthew, Sons Co., lbr. mfrs., Bay City, Mich.  
 La Monte, Geo., & Son, paper & pulp mills, 61 B'way, New York.  
 Lamoreaux Bros., contrs., Brandies Theatre Bldg., Omaha, Neb.  
 Lamoreaux, Milton S., wire reels & box shooks, 10 S. La Salle, Chicago, Ill.  
 Lamoureux, F. & Co., cornices, 39 Friendship, Providence, R. I.  
 Lamos, Chas. A., Co., sash, door & blind mfrs., Peekskill, N. Y.  
 Lamp, John J., architect, Orange, N. J.  
 Lamp & Miller Mfg. Co., machsts. & fndrs., 382 4th, Milwaukee, Wis.  
 Lamparter, Geo., Sons, glue mfrs., Lancaster, Pa.  
 Lampel, F. L., chamois importers, 315 Locust, St. Louis, Mo.  
 Lamper, J. B., & W. A., masons' & bldrs.' materials, Lynn, Mass.  
 Lampitt, Ed. F., masons' & bldrs.' matls., Pekin, Ill.  
 Lamphear, Henry L., contractor, Rahway, N. J.  
 Lampman, J. T., & Co., buckwheat flour, Claverack, N. Y.  
 Lampton Lbr. Co., New Haven, Conn.  
 Lamson Co., machsts. & fndrs. (carriers, conveyors, etc.), 100 Boylston, Boston, Mass.  
 Lamson Cutter Head Co., machsts., 30 N. Jefferson, Chicago, Ill.  
 Lamson, E. F., machsts. & fndrs., Abington, Mass.  
 Lamson & Goodnow Mfg. Co., knives, Shelburne Falls, Mass.  
 Lamson-Gray Construction Co., Fergus Falls, Minn.  
 Lamson, J. H., & Sons, masons' & bldrs.' matls., Randolph, Vt.  
 Lamson, John S., & Bro., waterproof'g matls., etc., 80 Maiden la, New York.  
 Lamson & Sessions Co., bolt & nut imprs., 2188 Scranton rd, Cleveland, Ohio.  
 Lana Construction Co., Council Bluffs, Ia.  
 Lanahan, Wm., & Son, gin distillers, 20 Light, Baltimore, Md.  
 Lanark Canning Co., Lanark, Ill.  
 Lancaster, A., & Co., blankets, woolen, Chester, N. J.  
 Lancaster Board & Paper Co., Lancaster, Mass.  
 Lancaster Bone fertilizer Co., Lancaster, Pa.  
 Lancaster Brick Co., Lancaster, N. H.  
 Lancaster Brick & Tile Co., Builders Exch., Buffalo, N. Y.  
 Lancaster, C. G., architect, Marshall, Tex.  
 Lancaster Cement Paving Co., Lancaster, Pa.  
 Lancaster Chemical Co., fertilizer mfrs., Lancaster, Pa.  
 Lancaster Clamp Window Shade Pull Co., hardware mfrs., Lancaster, Pa.  
 Lancaster Cork Works (see Armstrong Cork Works), Pittsburgh, Pa.  
 Lancaster Cotton Mills, sheetings, Lancaster, S. C.  
 Lancaster Cut Stone Co., Lancaster, Pa.  
 Lancaster Elevator & Flour Mills, Lancaster, Ky.  
 Lancaster Foundry Co., castings, Lancaster, Pa.  
 Lancaster Glass Co., Lancaster, Ohio.  
 Lancaster, Harry, contractor, Utica, N. Y.  
 Lancaster, Harry, & Co., flooring, hard wood, Lebanon, Ky.  
 Lancaster Iron Wks., brake shoes & tank mfrs., Lancaster, Pa.  
 Lancaster Leather Co., Lancaster, Ohio.  
 Lancaster Lens Co., Lancaster, Ohio.  
 Lancaster & Libby, architects, 11 Exchange, Portland, Me.  
 Lancaster Lime & Supply Co., masons' & bldrs.' matls., Lancaster, Pa.  
 Lancaster Lumber & Mfg. Co., Lancaster, Ky.  
 Lancaster, Luther, contractor, Bedford, Ind.  
 Lancaster Mach. & Knife Wks., Lancaster, N. Y.  
 Lancaster Machine & Structural Works, steel, Lancaster, Pa.  
 Lancaster Paint & Glass Co., Lancaster, Pa.  
 Lancaster Roller Mills, flour, Kilmarnock, Va.  
 Lancaster Steel Products Co., steel & rods, Lancaster, Pa.  
 Lance, Arch., contractor, Washington, N. J.  
 Lance, Geo. A., machsts. & bldrs., Watertown, N. Y.  
 Lance, L. D., architect, Hill Crest, Reading, Pa., & Wyomissing, Pa.  
 Lancot, H. H., & Sons, contractors, 700 Ellicott sq, Buffalo, N. Y.  
 Land, Chas. D., contractor, 28th & Cambria, Philadelphia, Pa.  
 Land Construction Co., St. Joseph, Mo.  
 Land Milling Co., flour, Neodesha, Kans.  
 Land, Mose H., flour mills, Marshall, Mo.  
 Land, A., & Sons Co., advtg. nov. & spec., 1706 Foster av, Chicago, Ill.  
 Landan Bros., contractors, 311 2d av, Pittsburgh, Pa.  
 Lande, S., & Co., corn brooms, 160 W. Kinzie, Chicago, Ill.  
 Landeck Lbr. Co., 1st Nat. Bk. Bldg., Milwaukee, Wis.  
 Landien, J. C., contractor, Jackson, Miss.  
 Landenbach, H. L., architect, Sidney, Ohio.  
 Lander & Ayer, lbr. mfrs., Bingham, Mo.  
 Lander, Isaac, & Son, stone prod., Binghamton, N. Y.  
 Landers Bros. Co., artificial leather oil cloth, Toledo, Ohio.  
 Landers, Frary & Clark, fruit presses, hdwe. mfrs., machsts. & fndrs., etc., New Britain, Conn.  
 Landers Lumber & Cement Co., Springfield, Mo.  
 Landers, Morrison & Christenson Co., masons' & bldrs.' matls., Lumber Exch., Minneapolis, Minn.  
 Landers, W. E., Co., fndrs., Syracuse, N. Y.  
 Landgraff, Frank, brick, Albion, Ind.  
 Landis Brick Co., New Cumberland, Pa.  
 Landis, E. M., machinist, Toledo, Ohio.  
 Landis Engng. & Mfg. Co., clocks, all kinds, Waynesboro, Pa.  
 Landis, Jerome S., architect, Souderton, Pa.  
 Landis Machine Co., bolt & nut threading mach., Waynesboro, Pa., & St. Louis, Mo.  
 Landis Milling Co., flour, Landis, N. C.  
 Landis, S. H., & Bro., handles, carriage hubs, etc., Quakers-town, Pa.  
 Landis Tool Co., grinders, Waynesboro, Pa.  
 Landis, Wm. G., masons' & bldrs.' matls., Norristown, Pa.  
 Landon, E. R., iron works, 166 N. May, Chicago, Ill.  
 Landon, Walter C., & Co., masons' & bldrs.' matls. & wholesale hdwe., Rutland, Vt.  
 Lander, Edward J., contractor, Canton, Ohio.  
 Landreth Machinery Co., dealers, Joplin, Mo.  
 Landreth, W. H., machsts. & fndrs., Ritzville, Wash.  
 Landsberger, Hugo, Co., ivory imp., 260 B'way, New York.  
 Landshaft, Wm., & Sons, automobile bldrs., 2900 Darwin tr., Chicago, Ill.  
 Landsman, Geo. M., architect, 502 W. 34th, New York.  
 Landvoigt, Albert E., architect, 1403 N. Y. av, Washington, D. C.  
 Landy Stove & Range Co., 1402 N. 16th, St. Louis, Mo.  
 Lane, A. W., contractor, 19 La Salle, Chicago, Ill.  
 Lane, Alb. A., Jacquard cards, 73 Warren, New York.  
 Lane & Bodley Co., Tennessee av & Paddock rd., Cincinnati, Ohio.  
 Lane Bros., contractors, Melrose, Mass.  
 Lane Bros., stone, 910 S. Main, Los Angeles, Cal.  
 Lane Bros. Co., machsts. & fndrs., Poughkeepsie, N. Y.



- Lane, C. L., pails & buckets, wood, East Swanzey, N. H.  
 Lane, C. M., Life Boat Co., 250 Huron, Brooklyn, N. Y.  
 Lane, C. W., & Co., contractors, Atlanta, Ga.  
 Lane, Chas. R., mill & facty. supplies, masons' & bldrs.' matls., Haverstraw, N. Y.  
 Lane, Chas. W., carriages, Butte, Mont.  
 Lane Construction Corp., Meriden, Conn.  
 Lane, D. & A. W., lbr. mfrs., Iron City, Ga.  
 Lane, D. T., & Sons, machsts. & fndrs., Franklin, Pa.  
 Lane, F. M., machsts. & fndrs., Memphis, Tenn.  
 Lane, G. W. & C. A., mill & facty. supplies, Exeter, N. H.  
 Lane, Geo. W., & Co., contractors, Lewiston, Me.  
 Lane, Geo. W., & Co., China wood oils, 307 Pearl, New York.  
 Lane, Ira G., Co., htg. contrs., pipe hangers, 1077 3d av, New York.  
 Lane, J. H., & Co., filter cloths, bags, cotton duck, etc., 334 4th av, New York.  
 Lane, J. L., & Co., lumber mfrs., 11 S. La Salle, Chicago, Ill.  
 Lane, Jno. S., & Son, stone producers, Meriden, Conn.  
 Lane Mfg. Co., power transmitting & wood cutting machy., Montpelier, Vt.  
 Lane Mfg. Co., clothing fasteners, buttons, etc., Waterbury, Conn.  
 Lane, Maurice F., contrs., Syracuse, N. Y.  
 Lane Mill & Mach'y Co., Chilian mills, Los Angeles, Cal.  
 Lane Motor Truck Co., Kalamazoo, Mich.  
 Lane Quarry Co., stone producers, Meriden, Conn.  
 Lane, Roy E., architect, Peerless Bldg., Waco, Tex.  
 Lane & Sutliff, machsts., Eureka, Cal.  
 Lane, T. W., carriages & auto. bodies, Amesbury, Mass.  
 Lane, Thos., Co., ornamental iron work, Farmers' Bank Bldg., Pittsburgh, Pa.  
 Lane, W. T., & Bro., coal bags, trucks, etc., Poughkeepsie, N. Y.  
 Lane & Wyman, architects, 576 Quinpiac av, Bridgeport, Conn.  
 Laner, True & Co., sashes, doors & blinds, Byesville, Ohio.  
 Lanesboro Canning Co., Lanesboro, Minn.  
 Lanese Co., contractors, Columbia Bldg., Cleveland, Ohio.  
 Lanett Cotton Mills, West Point, Ga.  
 Lang Broom Co., corn, 2029 Chateau, Pittsburgh, Pa.  
 Lang & Bro. Mfg. & Mercantile Co., masons' & bldrs.' matls., Farmington, Mo.  
 Lang & Browitt, contractors, Lincoln, Nebr.  
 Lang, C. E., Co., cornices, Mishawaka, Ind.  
 Lang, C. H., Inc., contractor, 131 W. 58th, New York.  
 Lang, C., & Son, stone, Vine & Ehrman av, Avon, Cincinnati, Ohio.  
 Lang Canning & Preserving Co., Beatrice, Nebr.  
 Lang & Cochran, machinists, Wasea, Minn.  
 Lang, E. & C., stone producers, Columbus, Ohio.  
 Lang, E. D., stone producers, Canton, Ohio.  
 Lang, E. M., Co., soldering, canning & sizing machs., etc., Portland, Me.  
 Lang, Eugene J., architect, 477 5th av, New York.  
 Lang, F. S., Mfg. Co., stove mfrs., Seattle, Wash.  
 Lang, Hy., Co., patent lthr., 17th av, Newark, N. J.  
 Lang, J. A., & Sons, mach'y, 280 Dover, Boston, Mass.  
 Lang, J., Elec. Co., machsts., 123 N. Lincoln, Chicago, Ill.  
 Lang, J. M., & Co., acid phosphate, Savannah, Ga.  
 Lang, J. O., Engine & Garage Co., machsts. & fndrs., Ithaca, N. Y.  
 Lang, John, Paper Co., 24th & Vine, Philadelphia, Pa.  
 Lang, R. B., Mfg. Co., machsts., Racine, Wis.  
 Lang, R. F., copper & bronze powders, etc., 8 Bridge, New York.  
 Lang, Robt. A., architect, Eau Claire, Wis.  
 Lang & Scharmann, machsts. & fndrs., Marshfield, Wis.  
 Lang, Wm., & Sons Co., iron, Patterson nr. Bank, Cincinnati, Ohio.  
 Lang & Wittchell, architects, Southwestern Life Bldg., Dallas, Tex.  
 Langan Constr. Corp., 90 State, Albany, N. Y.  
 Langan, P. T., Lumber Co., Cairo, Ill.  
 Langan, Thos., Lumber Co., Perth Amboy, N. J.  
 Langdon, C. S., lbr. mfrs. & wholesale dlrs., 71 Beaver, New York.  
 Langdon & Hohly, architects, Nicholas Bldg., Toledo, Ohio.  
 Langdon, Horace, machinist, Monterey, Cal.  
 Langdon, Jas. G., landscape arch., Munsey Bldg., Baltimore, Md.  
 Langdon Lime & Cement Co., Salt Lake City, Utah.  
 Lange, August K., pipe hooks, clamps & hangers, 606 E. 15th, New York.  
 Lange & Bergstrom, contractors, Sharon Bldg., San Francisco, Cal.  
 Lange Canning Co., Eau Claire, Wis.  
 Lange, Emil, sweaters, cardigans, etc., 1256 Clybourne av, Chicago, Ill.  
 Lange, Ferdinand, contractor, Wilkes-Barre, Pa.  
 Lange, H. G., machst., 162 N. May, Chicago, Ill.  
 Lange, John A., architect, Security Bldg., St. Louis, Mo.  
 Lange Motor Truck Co., 145 S. St. Claire, Pittsburgh, Pa.  
 Lange Soap Co., oils, San Antonio, Tex.  
 Langland Mfg. Co., pkg. box, sash, door & blind mfrs., Muskegon, Mich.  
 Langelier Mfg. Co., builders of multiple drilling, hammering & swaging machines, Arlington, Providence, R. I.  
 Langenan Mfg. Co., hdwe. mfrs., 8403 Franklin av, N. W., Cleveland, Ohio.  
 Langenberg, Wm. E., common brick, Stevens Point, Wis.  
 Langenberger Const. Co., 302 6th, Milwaukee, Wis.  
 Langenbrunner & Son, horse collars, 315 Hammond, Cincinnati, Ohio.  
 Langenfeld, Jno., machst., Marytown, Wis.  
 Langar, Nathan, architect, 81 E. 125th, New York.  
 Langever, J. J., elec. illuminated signs, Fort Worth, Texas.  
 Langfeld Bros. & Co., advtg. nov., 1421 Wallace, Phila., Pa.  
 Langford, Geo., contractor, Alisky Bldg., Portland, Ore.  
 Langham, Wm., masons' & bldrs.' matls., Keysport, Ill.  
 Langlands-Whitney Co. contractors, 142 Golden Hill, Bridgeport, Conn.  
 Langley, Chas. A., contractor, 310 12th, N. W., Washington, D. C.  
 Langley, Edward, architect, Connell Bldg., Scranton, Pa.  
 Langley, Geo. H., Lbr. Co., Rochester, N. H.  
 Langley & Scampini, granite, Concord, N. H.  
 Langlois Co., mill & facty. supplies, Racine, Wis.  
 Langlotz, G. G., & Co., trunk mfrs., Washington, D. C.  
 Langmaid, J. P., & Son, masons' & bldrs.' matls., 311 Derby, Salem, Mass.  
 Langrall, J., & Bro., canned goods, 2105 Aliceanna, Baltimore, Md.  
 Langsenkamp, F. H., faucets, pipe bends, etc., Indianapolis, Ind.  
 Langsenkamp-Wheeler Brass Wks., machsts. & fndrs., Indianapolis, Ind.  
 Langstoft-Orm Mfg. Co., lumber mfrs., Paducah, Ky.  
 Langston, Sam'l M., Co., textile machy. supplies, etc., Camden, N. J.  
 Langstroth, T. W., horse feed bags, blankets, halters, surcingles, etc., 77 Warren, New York.  
 Langtry Mach. & Tool Co., 700 Commonwealth av, Detroit, Mich.  
 Langville Woolen Mills Co., blankets, flannels, woolen, Langville, Pa.  
 Langworthy, Leslie P., architect, 87 Weybosset, Providence, R. I.  
 Langworthy, R. O., archt., 608 E. Georgia av, San Antonio, Tex.  
 Lanier, Dennis, brick, Chinguapin, N. C.  
 Lanigan Bros., contractors, Bronx River & 165th, New York.  
 Lanigan & Rosemont Elec. Co., dynamo & motor mfrs., 6 W. 3d, New York.  
 Laning, Geo. D., canned goods, Bridgeton, N. J.  
 Laning, W., & Son, canned goods, Bridgeton, N. J.  
 Lankford, J. A., architect, 1863 Pearce, Jacksonville, Fla.  
 Lankford, Robt., dry docks & marine rys., Bayonne, N. J.  
 Lanman, Wm. H., contractor, 165 B'way, New York.  
 Lann & Carter Hardware, Aberdeen, Miss.  
 Lannert Co., machsts., Cleveland, Ohio.  
 Lannert Mfg. Co., carriages, Evansville, Ind.  
 Lanning, G. W., mill & facty. supplies, Trenton, N. J.  
 Lannon Crushed Stone, 3019 Wright, Milwaukee, Wis.  
 Lannon, John, stone producers, Plainfield, N. J.  
 Lanoix, Alphonse, brick, Gonie, N. H.  
 Lanpher Carriage & Auto. Co., Carthage, Mo.  
 Lanquist & Illsley Co., contractors, 1100 N. Clark, Chicago, Ill., & Omaha, Neb.  
 Lansburgh, G. Albert, architect, 709 Mission, San Fran., Cal.  
 Lansdale Pure Food Co., canned goods, 1227 Germantown av, Philadelphia, Pa.  
 Lansden Co., stor. battery trucks, & auto. bldrs., 2211 Nostrand av, Brooklyn, N. Y.  
 Lansdowne, J. T., canned goods, Stone Mountain, Va.  
 Lansing, A. F., architect, Burdick Bldg., Watertown, N. Y.  
 Lansing, Bley & Lyman, archts., Prudential Bldg., Buffalo, N. Y.  
 Lansing Co., machsts. & fndrs., Lansing, Mich.  
 Lansing Foundry Co., Lansing, Mich.  
 Lansing Lbr. Co., sash, door & blind mfrs., 824 N. Main, Providence, R. I.  
 Lansing Motor & Pump Co., machsts. & fndrs., Lansing, Mich.  
 Lansing Stamping & Tool Co., Lansing, Mich.  
 Lansing Wagon Works, Lansing, Mich.  
 Lansing Wheelbarrow Co., Lansing, Mich.  
 Lanski, I., & Son Scrap Iron Co., 2117 S. Jefferson, Chicago, Ill.  
 Lanston Monotype Mach. Co., type setting machines, 24th & Locust, Philadelphia, Pa.  
 Lanterman, Wm., contractor, Easton, Pa.  
 Lantz, Fred, brick, Pioneer, Ohio.  
 Lantz, I. M., sashes, doors & blinds, McArthur, Ohio.  
 Lantz, W. K., Carriage & Auto Wks., Muskogee, Okla.  
 Lanum, S. O., Planing Mill Co., sash, door & blind mfrs., Bloomington, Ind.  
 Lanyon, D. M., brick, Hillsdale, Ind.  
 Lanyon, Jos. L., contractor, Seymour, Conn.  
 Lanyon, Robert, Zinc & Acid Co., Hillsboro, Ill.  
 Lanyon Star Smelter Co., Bartlesville, Okla.  
 Lanz, A., & Sons, machsts. & fndrs., Monroe, Wis.  
 Lanz, Louis, soap, Oakland, Cal.  
 Lanz, M., & Sons, pole rings, conduit hangers, bolt, nut & rivet mfrs., 2907 Carson, Pittsburgh, Pa.  
 Lanz, Owen, & Co., laundry & school bags, 392 Florida, Milwaukee, Wis.  
 Lanzit Corrugated Paper Co., boxes, 503 S. Jefferson, Chicago, Ill.  
 Lapachet, A. L., architect, 110 Sutter, San Francisco, Cal.  
 Lapat, L., scrap iron, Paterson, N. J.  
 Lapel Bottle Co., Lapel, Ind.  
 Lapel Canning Co., Lapel, Ind.  
 Lapierre, A. A., & Co., granite producers, Concord, N. H.  
 La Pierre Mfg. Co., silver nov, Newark, N. J.



- La Pierre-Sawyer Handle Co., Jackson, Mo.  
 La Plant Co., furnaces, Marshalltown, Ia.  
 Lapoint & Sullivan, bldg. contrs., Burlington, Vt.  
 La Pointe, Henry, architect, Miami, Fla.  
 Lapointe, J. N., Co., machsts., New London, Conn.  
 Lapointe Machine Tool Co., machsts. & fndrs.—broaching machy., Hudson, Mass.  
 La Porte Braiding Mills Co., laces, La Porte, Ind.  
 La Porte Canning Co., La Porte, Ind.  
 La Porte Harness Co., La Porte, Ind.  
 La Porte Mat & Mfg. Co., La Porte, Ind.  
 La Porte Sash & Door Co., La Porte, Ind.  
 Lapp, Jos., sash, door & blind mfr., Leroy, N. Y.  
 Lappan, Jas., Mfg. Co., steel stacks, 20th & Pike, Pittsburgh, Pa.  
 Lapworth Webbing Co., Brockton, Mass.  
 Lapworth, Wm., & Sons, elastic webbing, Milford, Mass.  
 Laragy, P., fndrs., Hartford, Conn.  
 Laramore, O. O., machsts., Portage, Ohio.  
 Larcom, Fred A., bldg. contr., Waltham, Mass.  
 Laredo Iron Wks., machsts., Laredo, Tex.  
 Larendon, M. W., & Co., pitch, turpentine & rosin mfrs., 82 Wall, New York.  
 Large, A. T., architect, Central Bldg., Los Angeles, Cal.  
 Large Bros. Lbr. Co., N. Tonawanda, N. Y.  
 Large Distilling Co., whiskey, Benedun Trees Bldg., Ptgh., Pa.  
 Large, J. E., architect, Bay City, Tex.  
 Large, Wm. H., machst., Pottstown, Pa.  
 Lariew, J. R., mattresses, Elmira, N. Y.  
 Larimer Co., Co-operative Milk Condensing Co., Loveland, Colo.  
 Larimer, E. K., Hardware Co., Cedar Rapids, Ia.  
 Larke, Simon, architect, 719 Main, Niagara Falls, N. Y.  
 Larkin, C. J., contrs., Rock Island, Ill.  
 Larkin & Co., machsts., sand pumps, etc., Butler, Pa.  
 Larkin Co., soap, glycerine, etc., 663 Seneca, Buffalo, N. Y.  
 Larkin, E. L., architect, 259 W. 34th, New York.  
 Larkin, J. J., machst. & fndr., Bartlesville, Okla.  
 Larkin, J. K., & Co., whol. hdwe., 34 Reade, New York.  
 Larkin, M. D., Supply Co., mill & facty. supplies, 113 E. 3d, Dayton, Ohio.  
 Larkin Mfg. Co., coupling expanding machs. & fire extinguishers, Dayton, Ohio.  
 Larkin, Michael & Son, contractors, 519 E. 16th, New York.  
 Larkin, P. J., submarine divers, 3 Coenties Slip, New York.  
 Larkin Reed Co., tex. machy., supplies, etc., Danielson, Conn.  
 Larmon, L. M., flour mills, Alvaton, Ky.  
 Larmon, Philip, architect, U. S. Yards, Chicago, Ill.  
 La Roche, E. B., architect, Empire Bldg., Birmingham, Ala.  
 Larcome, Fred A., contractor, Waltham, Mass.  
 Laros, D. A., & Sons Co., carriages, Grinnell, Ia.  
 Larrabee, Albert S. (Est. of), Lakewood, N. J.  
 Larrabee, C., Jr., stone producers, Willimantic, Conn.  
 Larrabee-Deyo Motor Truck Co., Binghamton, N. Y.  
 Larrabee, John E., Co., whol. hdwe., Amsterdam, N. Y.  
 Larrabee, R. B., glass stainers, 98 Portland, Boston, Mass.  
 Larrivee, Sam'l, contractor, Williamsport, Pa.  
 Larrowe Buckwheat Flour Corp., Cohocton, N. Y.  
 Larrowe Construction Co., 1199 Woodward av, Detroit, Mich.  
 Larrowe Milling Co., buckwheat flour, Cohocton, N. Y.  
 Larsen, Anton, & Son, dumb waiters, Brook av & 134th, New York.  
 Larsen, C., & Co., mouldings, 401 N. Leavitt, Chicago, Ill.  
 Larsen Canning Co., Green Bay, Wis.  
 Larsen, Chris., contractor, 110 Jessie, San Francisco, Cal., & Hennen Bldg., New Orleans, La.  
 Larsen, Clarence H., arcitect, Williamson Bldg., Lincoln, Neb.  
 Larsen Constr. Co., Oshkosh, Wis.  
 Larsen Contr. Co., Stone Harbor, N. J.  
 Larsen, Fred, contrs., Kenosha, Wis.  
 Larsen & Grant, archts., Vermont Bldg., Salt Lake City, Utah.  
 Larsen, Hans, sashes, doors & blinds, Rawlins, Wyo.  
 Larsen, Holger E., machsts., Janesville, Wis.  
 Larsen, Ivert, machsts., 221 N. Elizabeth, Chicago, Ill.  
 Larsen-Sampson Co., contrs., Crocker Bldg., San Francisco, Cal.  
 Larson Bros., ventilator mfrs., Johnsonburg, Pa.  
 Larson, C. A., cornices & skylights, Sioux City, Ia.  
 Larson, O. F., contractor, Prov. Bldg., Tacoma, Wash.  
 Larson & Carlson, granite, Concord, N. H.  
 Larson & Danielson Const. Co., contrs., La Porte, Ind.  
 Larson Hardware Co., Sioux Falls, S. D.  
 Larson, L. P., architect, Chicasha, Okla.  
 Larson, Oscar, contrs., 515 Quinpiac av, New Haven, Conn.  
 Larson, Peter, brick, Barronett, Wis.  
 Larson, Thos., brick, Shawano, Wis.  
 La Rue Tile Co., La Rue, Ohio.  
 Larzelere, H. L., architect, Mercantile Bldg., Rochester, N. Y.  
 Larzelere Mach. Co., Williamsport, Pa.  
 La Salle Mach. & Tool Co., La Salle, Ill.  
 La Salle Paper Co., South Bend, Ind.  
 La Salle Pressed Brick Co., La Salle, Ill.  
 Lasar Mfg. Co., machsts. & fndrs., 1313 16th, St. Louis, Mo.  
 Lasar Ornamental Iron Co., 16th & O'Fallon, St. Louis, Mo.  
 Lash, A. F., Co., masons' & bldrs.' matls., 25 D., Boston, Mass.  
 Lash Lee Studios, scenic artists, 308 E. 48th, New York.  
 Lash, David H., contractor, 720 Grandview av, Pittsburgh, Pa.  
 Lasher Mfg. Co., pot covers, Davenport, Ia.  
 Lasker & Bernstein, sponges & chamolis imp., 161 William, New York.  
 Lasley, W. M., contractor, Temple ct, Minneapolis, Minn.  
 Laspia & Salvati, architects, 525 Grand, Brooklyn, N. Y.  
 La Spina, Peter Co., granite & stone prod., 2 Canal pl, New York.  
 Lassiter, A. L., & Bro., architects, Paducah, Ky.  
 Lassiter, C. J., corn & flour mills, Raleigh, N. C.  
 Lassiter, Robert G., & Co., contractors, Oxford, N. C.  
 Lasure Friction Clutch Pulley Co., Madison, Wis.  
 Latane & Watson, canned goods, Munford, Va.  
 Latenser, Jno., architect, Bee Bldg., Omaha, Neb.  
 Latham & Co., spray pumps, Sandusky, Ohio.  
 Latham & Crane, contractors, Willimantic, Conn.  
 Latham, E. B., & Co., incandescent lamp replacers, 4 Murray, New York.  
 Latham Machy. Co., 1153 Fulton, Chicago, Ill.  
 Latham & Walters, contrs., State Life Bldg., Indianapolis, Ind.  
 Lathbury, B. B., testing laboratories, Franklin Bank Bldg., Philadelphia, Pa.  
 Lather & Carlton, architects, O'Neil Bldg., Binghamton, N. Y.  
 Lather, Geo., contractor, Traverse City, Mich.  
 Lathey Steel Type Co., machsts., 224 W. Illinois, Chicago, Ill.  
 Lathrop, C. P., & Co., masons' & bldrs.' matls., 1600 E. Marshall, Richmond, Va.  
 Lathrop, C. S., contractor, Lima, Ohio.  
 Lathrop, E. M., sash, door & blind mfr., Arlington, Vt.  
 Lathrop, J. W., Co., machsts. & fndrs., Mystic, Conn.  
 Lathrop Lumber Co., Birmingham, Ala.  
 Lathrop, Noah, & Son, lbr., Bristol, Vt.  
 Lathrop & Shea Co., contractors, 185 Church, New Haven, Conn.  
 Lathrop, Shea & Henwood Co., contractors, Scranton, Pa.  
 Lathrop, T. A., contractor, 418 1st av, S. E., Minneapolis, Minn.  
 Lathwood Foundry Co., 30th & Wayne, Pittsburgh, Pa.  
 Latimer, Alfred F., landscape archts., 15 E. 40th, New York.  
 Latimer & Laurence Packing Co., canned goods, Biloxi, Miss.  
 Latimer, R. L., & Co., mill & facty. supplies, 24 N. Front, Philadelphia, Pa.  
 La Tosca Knitting Co., sweaters, cardigans, etc., Utica, N. Y.  
 Latourrette-Fical Co., machsts., Oak Park, Cal.  
 Latrobe Brick Co., Latrobe, Pa.  
 Latrobe Distilling Co., Latrobe, Pa.  
 Latrobe Elec. Steel Co., Latrobe, Pa.  
 Latta, John S., Co., mill & facty. supplies, 1227 Arch, Phila., Pa.  
 Latta-Martin Pump Co., Hickory, N. C.  
 Lattner, Arthur, plumbers' & steam fitters' supplies, wholesale, Washington, D. C.  
 Lattig-Shimer Mfg. Co., school furn., Bethlehem, Pa.  
 Lattimer Fndry. & Mach. Co., Lattimer Mines, Pa.  
 Lattimer, Frank H., & Son, contractors, Kansas City, Mo.  
 Lattimer Stove Co., fndrs., Columbus, Ohio.  
 Lattimer, W. H., & Sons, rattan furniture, Orwell, N. Y.  
 Latty Bros. Granite Co., Stonington, Me.  
 Latz, Hy., contrs., Joliet, Ill.  
 Lau, J. H., & Co., rifles, guns, etc., 75 Chambers, New York.  
 Laub Bros., trunk mfrs., Louisville, Ky.  
 Laubach, C. J., Co., sash, door & blind mfrs., Phillipsburg, N. J.  
 Laubenheimer, Geo. E., Co., brewers' machy., 17 N. La Salle, Chicago, Ill.  
 Laubenstein Mfg. Co., perforated metals, screens, Ashland, Pa.  
 Lauber, Alb., cornices & skylights, 433 W. 42d, New York.  
 Lauber, J. C., & Co., cornices, South Bend, Ind.  
 Laub's, Geo., Sons, shoe thread, Buffalo, N. Y.  
 Lauby, C. W., cornices & skylights, Vincennes, Ind.  
 Lauck & Lauck, architects, Scarritt Bldg., Kansas City, Mo.  
 Laud, Mrs. E. A., lumber, New Madrid, Mo.  
 Lauer Bros., contrs., ft. of Chestnut, St. Paul, Minn.  
 Lauer, J. J., cornices, Ashland, Pa.  
 Lauer, J., & Sons, contractors, 10 Portland, Pittsburgh, Pa.  
 Lauer, Jno., Mach. Co., crankshafts, Detroit, Mich.  
 Lauer, M. P., architect, Hamilton Bldg., Akron, Ohio.  
 Lauer, N., masons' & bldrs.' matls., Ottoville, Ohio.  
 Lauffer, W. A., Co., granite producers, 2319 Liberty av, Pittsburgh, Pa.  
 Laughlin, Alex., & Co., furnaces & gas producers, 1st Nat. Bk. Bldg., Pittsburgh, Pa.  
 Laughlin, Homer, China Co., East Liverpool, Ohio.  
 Laughlin, Homer, Engineers Corp., 262 Long Beach av, Los Angeles, Cal.  
 Laughlin, John, mill & facty. supplies, Cohoes, N. Y.  
 Laughlin Mfg. Co., fountain pen mfrs., Detroit, Mich.  
 Laughlin, Thos., Co., marine hdwe., & galvanized iron & brass, 143 Fore, Portland, Me.  
 Laughlin, W. F., & Son, contractors, Altoona, Pa.  
 Laughlin, Wm. M., architect, New Kensington, Pa.  
 Loughton Pad Co., Westfield, Mass.  
 Lauhoff Bros., machsts., 35 Chene, Detroit, Mich.  
 Lauk Bros., contractors, 3257 Granshaw, Chicago, Ill.  
 Laun, J. B., lumber, Kiel, Wis.  
 Laun Mach. Co., mixers, 715 Root, Chicago, Ill.  
 Laundry Queen Steam Washer Co., clothes washing machines, Centerville, Ia.  
 Laura, John, & Co., plastic slate roofers, 101 Park av, New York.  
 Laurel Canning Co., Laurel, Del.  
 Laurel Cotton Mills, Laurel, Miss.  
 Laurel Cut Glass Co., Jermyn, Pa.  
 Laurel Mach. & Fdry. Co., Laurel, Miss.  
 Laurel Mfg. Co., cornices, 627 N. 3d, Philadelphia, Pa.  
 Laurel Motor Car Co., Richmond, Ind.  
 Laurel Oil & Fertz. Co., Laurel, Miss.



- Laurel River & Lumber Co., Jenningsston, W. Va.  
 Laurel Rubber Co., Garfield, N. J.  
 Laurel Soap Co., 1528 Frankford av, Philadelphia, Pa.  
 Laurence Belting Co., belting mfrs., 111 Chambers, New York.  
 Laurence Stamping Co., Toledo, Ohio.  
 Laurent Cherry Pulley Block Co., wire pullers, Trenton, N. J.  
 Laurents & Hartshorn Packing Co., meat packers, Ft. Wayne, Ind.  
 Laurie & Harper, contractors, 229 W. 50th, New York.  
 Laurie, Jas., brick, Scranton, Pa.  
 Laurinburg Oil Co., Laurinburg, N. C.  
 Lauritzen Construction Co., Waterloo, Ia.  
 Lauritzen, John, contractor, Fergus Falls, Minn.  
 Lauritzen, L., architect, 65 DeKalb av. Brooklyn, N. Y.  
 Laursen Automatic Pump Co., hydraulic, water driven, & deep well, Menomoneie, Wis.  
 Lausberg & Macke, church furniture, Louisville, Ky.  
 Lauson, John, Mfg. Co., machsts. & fndrs.—traction engines, New Holstein, Wis.  
 Lauson-Lawton Co., machsts. & fndrs.—clutches, De Pere, Wis.  
 Lauter Co., pianos, 593 Broad, Newark, N. J.  
 Lauter, H., Co., music cabinets, W. Wash. & Harding, Indianapolis, Ind.  
 Lauth, Philip, contractor, 29 S. La Salle, Chicago, Ill.  
 Lautz Bros. & Co., glycerine, Buffalo, N. Y.  
 Lautz Co., Onyx, etc., Buffalo, N. Y.  
 Laux Carriage Co., 1627 Oak, Kansas City, Mo.  
 Lavalle, John, architect, 7 Water, Boston, Mass.  
 Lavalier, Theophile, contractor, Watervliet, N. Y.  
 Lavan, P. J., steam heating contr., Seattle, Wash.  
 Lavanburg, Fred. L., arsenate of lead, Paris green, etc., 100 William, New York.  
 La Vaute, N. H., architect, Bastable Bldg., Syracuse, N. Y.  
 Lavelle Fndry. Co., Anderson, Ind.  
 La Velle, Paul B., Inc., architect, 103 Park av, New York.  
 Lavelle, Peter J., packg. box mfrs., 224 Mulberry, New York.  
 Lavender, Jas. B., architect, Hinton, W. Va.  
 La Vergne Pump Co., 284 N. 5th, Newark, N. J.  
 Lavey, James B., potter, Milan, Ohio.  
 La Vies, John G., architect, Merrill Bldg., Milwaukee, Wis.  
 Lavigne Mfg. Co., lubricators, valves, etc., Detroit, Mich.  
 Lavine Gear Co., Racine, Wis.  
 Lavino, E. J., & Co., ores, Bullitt Bldg., Philadelphia, Pa.  
 Lavo Co., soap, 48 7th, Milwaukee, Wis.  
 Law & Burwell, granite producers, Union & Ogden, Phila., Pa.  
 Law, Ernest, & Co., pig iron & coke dtrs., Harrison Bldg., Philadelphia, Pa.  
 Law, F. A., Mach. Co., Hartford, Conn.  
 Law & Hawxhurst, elec. light fix. mfrs., 164 Pine, Providence, R. I.  
 Law, J. Douglas, Co., hdwe.—wholesale, mill & facty. supplies, Springfield, Mass.  
 Law, Jas. R., architect, Madison, Wis.  
 Law, John H., masons' & bldrs.' matls., Hollidaysburg, Pa.  
 Law, Martha, common brick, Chester, Pa.  
 Lawder, Arthur A., & Sons, carriages, 6910 Lafayette, Chicago, Ill.  
 Lawhead Brick & Tile Wks., Loogootee, Ind.  
 Lawler, Allen, canned goods, Southwest Harbor, Me.  
 Lawler Bros., contractors—dock bldrs., 16 City sq, Chan., Boston, Mass.  
 Lawler, Edw. J., architect, 408 Olive, St. Louis, Mo.  
 Lawlor Iron Wks., 64 Gull, Buffalo, N. Y.  
 Lawlor Regulator Co., boiler couplings, water, feeders, etc., apparatus, 55 W. Houston, New York.  
 Lawless Bros., contractors, 1072 3d av, New York.  
 Lawless Paper Co., Rochester, N. Y.  
 Lawley, Geo., & Son Corp., motor boat bldrs., Neponset, Boston, Mass.  
 Lawlor & Haase, architects, 69 Wall, New York.  
 Lawlor, Jno. J., architect, 360 W. 23d, New York.  
 Lawn, Jno. A., washboard mfrs., Lewiston, Pa.  
 Lawrence, A. H., canned goods, Wrangell, Alaska.  
 Lawrence, A. I., architect, Burlington, Vt.  
 Lawrence Belting Co., 111 Chambers, New York.  
 Lawrence, Bostwick Mfg. Co. (Ltd.), tinware mfrs., Phelps, N. Y.  
 Lawrence Bros., machsts. & fndrs., Sterling, Ill.  
 Lawrence Bros., masons' & bldrs.' matls., Yonkers, N. Y.  
 Lawrence Bros. Co., lbr., South Gardiner, Me.  
 Lawrence Canning Co., Rockland, Me.  
 Lawrence Contrg. Co., 2409 Walton av, New York.  
 Lawrence Duck Co., Union cor. Island, Lawrence, Mass.  
 Lawrence, Eli., Jr., heating contractors, Burlington, N. Y.  
 Lawrence, F. D., Elec. Co., elec. mine supplies, 219 W. 4th, Cincinnati, Ohio.  
 Lawrence Felting Co., Millville, Mass.  
 Lawrence, Geo., Co., harness, saddles, etc., Portland, Ore.  
 Lawrence, Geo. E., speedometers, Bullitt Bldg., Philadelphia, Pa.  
 Lawrence Granite Co., Lawrence, Mass.  
 Lawrence, Harry A., & Co., sash, door & blind mfrs., Fitchburg, Mass.  
 Lawrence & Hill, machsts., Watertown, N. Y.  
 Lawrence & Holford, architects, Chamber of Com., Portland, Ore.  
 Lawrence, I. G., contractor, Durham, N. C.  
 Lawrence Iron Works, Lawrence, Kans.  
 Lawrence, J. Custis, architect, East Hampton, N. Y.  
 Lawrence, J. H., & Scns, machsts. & fndrs., Nashville, Tenn.  
 Lawrence, J. T., architect, Greenville, S. C.  
 Lawrence, L., & Co., brass fndrs., 292 Halsey, Newark, N. J.  
 Lawrence, Lewis M., architect 125 Tremont, Boston, Mass.  
 Lawrence Limestone Co., New Castle, Pa.  
 Lawrence Lumber Co., Lawrence, Mass.  
 Lawrence-McFadden Co., iron fillers, varnish mfrs., etc., 1400 Fkd. av, Philadelphia, Pa.  
 Lawrence Machine Co., steam & motor driven pumps, mfrs., 46 Island, Lawrence, Mass.  
 Lawrence, Newhall, Page & Co., porch columns, Augusta, Me.  
 Lawrence Pain Co., plate glass, Binghamton, N. Y.  
 Lawrence Paper Co., 151 Spring, New York.  
 Lawrence Paper Mfg. Co., Lawrence, Kans.  
 Lawrence Portland Cement Co., Siegfried, Pa.  
 Lawrence Pump & Engine Co., Marston, Lawrence, Mass.  
 Lawrence Sand Co., New Castle, Pa.  
 Lawrence Shot & Lead Co., pipes, Omaha, Neb.  
 Lawrence Steel Casting Co., A. V. R. R. & 32d, Pittsburgh, Pa.  
 Lawrence Steel Construction Co., structl. wk., 3324 Smallman, Pittsburgh, Pa.  
 Lawrence Vitrified Brick & Tile Co., Lawrence, Kans.  
 Lawrence, W. E., architect, Glens Falls, N. Y.  
 Lawrence, W. W., & Co., enamels, W. Caron, Pittsburgh, Pa.  
 Lawrence & Wambolt, architects, 112 Water, Boston, Mass.  
 Lawrence, Warrington G., architect, 225 5th av, New York.  
 Lawrence & Wiggins, lumber, 50 Terminal, Boston, Mass.  
 Lawrence, Wm. M., & Bro. Trunk Wks., Birmingham, Ala.  
 Lawrenceburg Lumber Co., Lawrenceburg, Ind.  
 Lawrenceburg Milling Co., flour, Lawrenceburg, Tenn.  
 Lawrenceburg Roller Mills Co., flour & feed, Lawrenceburg, Ind.  
 Lawrenceville Bronze Co., babbit metal, Penn av & 31st, Pittsburgh, Pa.  
 Lawrenceville Fertilizing Co., Lawrenceville, Ga.  
 Lawrenceville Mfg. Co., machsts., Lawrenceville, Ga.  
 Lawrenceville Mill & Ice Corp., flour, Lawrenceville, Va.  
 Lawrie, Harry, architect, Paxton blk, Omaha, Neb.  
 Lawry, E. H., canned goods, Lowry, Me.  
 Lawson, C. K., Hardware Co., Hastings, Neb.  
 Lawson, F. H., Co., tin plate, ovens, etc., Cincinnati, Ohio.  
 Lawson, H. J., cornices & skylights, Manchester, N. H.  
 Lawson Hardware Co., Newburgh, N. Y.  
 Lawson, J. F., contractor, Jamestown, N. Y.  
 Lawson, Jacob, Bag Co., burlap, 264 Water, New York.  
 Lawson Mfg. Co., hdwe. mfrs., 230 W. Superior, Chicago, Ill.  
 Lawson Mfg. Co., natural gas burners, Homestead, Pa.  
 Lawson, O. P., heaters, stoves, Homestead, Pa.  
 Lawson Piano Co., 372 E. 149th, New York.  
 Lawson & Segar, canned goods, Lockies, Va.  
 Lawson, T. D., masons' & bldrs.' matls., Tullahoma, Tenn.  
 Lawson, L. H., Co., ventilators, 308 Walnut, Cincinnati, Ohio.  
 Lawton & Bushman, machsts. & fndrs., Burlington, Wis.  
 Lawton, Chas. A., Co., machsts. & fndrs., De Pere, Wis.  
 Lawton, Geo. M., architect, 30 E. 42d, New York.  
 Lawton, Lewis, & Sons, contractors, Trenton, N. J.  
 Lawton Spinning Co., cotton thread, Woonsocket, R. I.  
 Lawton Tractor Co., St. Marys, Ohio.  
 Lawton, Wm., machst. & fndr., Kingston, N. Y.  
 Lay, Chas., Downing, landscape archt., 15 E. 40th, New York.  
 Lay, Jos., Co., brooms, brushes, scrapers, Ridgeville, Ind.  
 Layare Boat Wks., Ogdensburg, N. Y.  
 Laycock Lbr. Co., Ellicott sq., Buffalo, N. Y.  
 Laycock, T. B., Son & Co., mattresses, Indianapolis, Ind.  
 Laycock, W., Co., machsts. & fndrs., Libertyville, Ill.  
 La Yellow Pine Co., lbr. mfrs., Shreveport, Ia.  
 Layer, Robt. W., architect, 118 N. La Salle, Chicago, Ill.  
 Layman, A. C., Mach. Co., 11th & Lombard, Wilmington, Del.  
 Layman Bros. Co., canned goods, Daleville, Va.  
 Layman, C. A., canned goods, Troutville, Va.  
 Layman, C. E., canned goods, Troutville, Va.  
 Layman, C. T., canned goods, Roanoke, Va.  
 Layman, J. W., & Son, canned goods, Troutville, Va.  
 Layman, M., canned goods, Roanoke, Va.  
 Layman, Wm. M., canned goods, Roanoke, Va.  
 Layne & Bowler Co., pumps—turbine, 37 N. Van Buren, Chicago, Ill. & Houston, Tex.  
 Layne & Bowler Corp., wall screens & pumps, Los Angeles, Cal.  
 Lays Bros., contractors, Brockton, Mass.  
 Layton Co., meat packers, Muskego av, Milwaukee, Wis.  
 Layton Elastic Glue Co., 703 Fulton, Chicago, Ill.  
 Layton Fire Clay Co., brick, McKeesport, Pa.  
 Layton, Fred'k W., contractor, Haller Bldg., Seattle, Wash.  
 Layton, J. R., architect, Johnstown, Pa.  
 Layton, Jos., contractor, Far Hills, N. J.  
 Layton Milling & Elevator Co., flour, Layton, Utah.  
 Layton Park Oil & Soap Co., 29th & Forest Home avs, Milwaukee, Wis.  
 Layton & Smith, archts., Majestic Bldg., Oklahoma City, Okla.  
 Lazansky, Emil, wholesale plate & window glass, 324 Myrtle av, Brooklyn, N. Y.  
 Lazar & Lazarus, trunk mfrs., 1230 S. Jefferson, Chicago, Ill.  
 Lazard, S. A., traveling bags, 221½ S. Los Angeles, Los Angeles, Cal.  
 Lazarus, Edgar M., architect, Chamber of Com., Portland, Ore.  
 Lazarus, J. & Co., umbrella mfrs., 74 Franklin, New York.  
 Lazarus, M. H., Co., whol. hdwe., Charleston, S. C.



- Lazarus Mfg. Co., hand vacuum cleaners, 750 Prospect av, Cleveland, Ohio.
- Lazenby, F. A. & Co., cotton machy., winders, etc., 414 Key Highway, Baltimore, Md.
- Lazere & Kaplan Iron Wks., archl. & ornamental, 434 E. 124th, New York.
- Lazier Gas Engine Co., machsts., 190 Main, Buffalo, N. Y.
- L. B. Brass Co., ball cocks, Peabody, Mass.
- Lea-Courtenay Co., centrifugal pumps, 90 West, New York.
- Lea, David M., & Co., shooks, packing mfrs., 1923 E. Maine, Philadelphia, Pa.
- Lea, J. Tatnall, & Co., pig iron, ores & coke, St. Girard Bldg., Philadelphia, Pa.
- Lea Lumber Co., Richmond, Va.
- Lea Milling Co., flour, Wilmington, Del.
- Leach, Alfred C., architect, 323 N. Charles, Baltimore, Md.
- Leach Bros., machsts. & fndrs., 614 Hood, Portland, Ore.
- Leach, Ellery F., brick, Penobscot, Me.
- Leach, Frank, Hdwe. Co., Oshkosh, Wis.
- Leach & Greene, surgical instruments, 100 Boylston, Boston, Mass.
- Leach, Hy., steam & hot water htg. contr., 1103 Fulton Brooklyn, N. Y.
- Leach, I. M., Jr., contractor, Wilkes-Barre, Pa.
- Leach, J. M. Mfg. Co., stone prod., Kokomo, Ind.
- Leach, L. D. & Co., ties, poles & posts, etc., 343 S. Dearborn, Chicago, Ill.
- Leach Lbr. & Tie Co., Poplar Bluff, Mo.
- Leach, Otis, brick, Penobscot, Me.
- Leach, Wendall G., brick, Orland, Me.
- Leach Windmill & Tank Co., Joliet, Ill.
- Leacock, A. M., armatures, 85 Columbia, Newark, N. J.
- Leacock, B. J., Sporting Goods Co., 810 Pine, St. Louis, Mo.
- Lead Lined Iron Pipe Co., Wakefield, Mass.
- Lead Products Co., 3215 Papin, St. Louis, Mo.
- Leader Buggy Co., Marysville, O.
- Leader Button Co., 7 W. 20th, New York.
- Leader Iron Wks., gas engines, Decatur, Ill.
- Leader Machine Co., grain cleaning & grading machy., 2841 N. Francisco av, Chicago, Ill.
- Leader Mfg. Co., center grinders, Springfield, Ohio
- Leader Plow Co., Staunton, Va.
- Leading Brass & Metal Co., 2715 Hickory, St. Louis, Mo.
- Leadite Co., Land Title Bldg., Phila., Pa.
- Leaf, E. B. Co., scrap iron, Real Estate Trust Bldg., Phila., Pa.
- Leafgreen, Hans A., contractor, 133 W. Washington, Chicago, Ill.
- League Tire Co., South Bend, Ind.
- Leahy John J., tank alarms, conduit hangers, 48 Dey, New York.
- Leahy, M. H., contractor, 1446 Prospect av, New York.
- Leahy Mfg. Co., bee keepers' supplies, etc., Higginsville, Mo.
- Leahy, Thos. Bldg. Co., 122 E. 25th, New York.
- Leake, A. G. Erecting Co. (The), erectors & riggers, structural steel, ornamental iron, bridges, boilers, machinery, Ash & Holland av, Bridgeport, Conn.
- Leake, Boudinot G., architect, Fort Worth, Tex.
- Leake, T. S., & Co., contractors, 608 S. Dearborn, Chicago, Ill.
- Leaman, Lafayette, contractor, 1426 N. Y. av, Washington, D. C.
- Lean, Roderick, Mfg. Co., agricultural implements, Mansfield, O.
- Lear, W. H., lumber, 979 N. Front, Phila., Pa.
- Leard & Massey, fertilizer, Hartwell, Ga.
- Leard, Wm. E., crankshafts, forgings, rods, strap joints, etc., New Brighton, Pa.
- Learman, Frank J., machsts., 150 Ellicott, Buffalo, N. Y.
- Learn & Brindle, dry measures & rural mail boxes, Canton & Columbus, Ohio.
- Learned, A. C. J., contractor, 7 Charles, Providence, R. I.
- Learned, Chas. H., architect, Lonesdale, R. I.
- Learned Lbr. Co., 711 Lbr. Ex., Minneapolis, Minn.
- Learned, R. F. & Son, lumber, Natchez, Miss.
- Lears, C. H. & Sons, mattresses, 934 W. Baltimore, Baltimore, Md.
- Leas & McVitty, lthr. belting belts, 303 Vine, Phila., Pa.
- Leasburg Canning Co., Leasburg, Mo.
- Lease, G. D., & Son, boat oars, Jeffersonville, Vt.
- Lease, M. N., contractor, Great Falls, Mont.
- Leasure Vacuum Cleaner Co., Bradford, Pa.
- Leath, A., & Co., mattresses, Elgin, Ill.
- Leather, Geo. E., mosquito netting, 1543 Ruan, Phila., Pa.
- Leather Preserver Mfg. Co., belt dressing, 542 W. Jackson bl, Chicago, Ill.
- Leather Tire Goods Co., auto belts, chains, anti-skid chains & tire protectors, Niagara Falls, N. Y.
- Leatherbury, W. K., canned goods, Salisbury, Conn.
- Leatheroid Mfg. Co., paper & pulp mill, Kennebunk, Me., & trunk mfrs., 45 W. 16th, New York.
- Leatheroid Sales Co. (selling agents for Leatheroid Mfg. Co.), 1024 Filbert, Phila., Pa.
- Leathers, A. H., Handle Co., Dickson, Tenn.
- Leathers, Earl H., wood handles, Mountain Eagle, Pa.
- Leavens, Frank A., mill & facty. supplies, Neenah, Wis.
- Leavenworth Bag & Mfg. Co., Leavenworth, Kans.
- Leavenworth Bridge Co., steel struct. wk., Leavenworth, Kans.
- Leavenworth Milling Co., flour, Leavenworth, Kans.
- Leavery Frank, htg. contrs., 306 E. Water, Syracuse, N. Y.
- Leavitt, C. W., & Co., ores, metals & alloys, 34 Church, New York.
- See adv index at end of book.*
- Leavitt, Chas. W., landscape architect, 220 B'way, New York.
- Leavitt, Louis, paint mfrs., 454 Driggs av, Brooklyn, N. Y.
- Leavitt Machine Co., valve reseating machy., Orange, Mass.
- Leavitt Mfg. Co., machsts. & fndrs., Urbana, Ill.
- Leavitt, W. C. Co., cornices & skylights, Norway, Me.
- Leaw Bros., contractors, Ocean Grove, N. J.
- Lebam Mill & Timber Co., lumber, Lebam, Wash.
- Lebanon Chain Wks., Lebanon, Pa.
- Lebanon Engineering & Supply Co., Lebanon, Pa.
- Lebanon Fertilizer Wks., Lebanon, Pa.
- Lebanon Lumber Co., Lebanon, Ky., & Lebanon, Ore.
- Lebanon Mach. Co., electricians' drills & auger bits, Lebanon, N. H.
- Lebanon Milling Co., flour, Lebanon, Pa.
- Lebanon Paper Co., San Francisco, Cal.
- Lebanon Pressed Brick Co., Lebanon, Ohio.
- Lebanon Steel Foundry, Lebanon, Pa.
- Lebanon Stone Co., Lebanon, Pa.
- Lebanon Stove Co., fndrs., Lebanon, Pa.
- Lebanon Stove Co., Pottstown, Pa.
- Lebanon Valley Iron & Steel Co., Lebanon, Pa.
- Lebanon Woolen Mills, woolen blankets, Lebanon, Tenn.
- Le Baron, E. L., Foundry Co., Brockton, Mass.
- Lebeau, Adolph F., architect, 358 Hamilton, Worcester, Mass.
- Lebeck, Leander, contractor, Astoria, Ore.
- Lebedjeff, V. V., Eng. & Supply Co., machinery dlrs., 11 B'way, New York.
- Lebenbaum, Marx & Vigeant, architects, Ins. Exch. Bldg., Chicago, Ill.
- Leber, Edward, architect, York, Pa.
- Lebknecher, L., cornices & skylights, Belleville, Ill.
- Le Blanc, C. J., fndrs., Franklin, La.
- Le Blond, R. K., Machine Tool Co., 4609 Eastern av, Cincinnati, Ohio.
- Lebo, E. N., contrs., Harrisburg, Pa.
- Lebo, Willis R., & Co., masons' & bldrs.' matls., Aberdeen, Wash.
- Lebzelter, P., & Son Co., rims, bows & shafts mfrs., Lancaster, Pa.
- Leck, H. A. Co., contractors, 2324 4th av, Minneapolis, Minn.
- Leck, Jas. Co., contractors, 311 S. 7th, Minneapolis, Minn.
- Leclair Mfg. Co., fndrs., Edwardsville, Ill.
- Le Claire, Marcisse & Co., graphite W. Quincy, Quincy, Mass.
- Le Claire Stone Co., Davenport, Ia.
- Le Compte Mfg. Co., auto tire holders, bridle bits, 44 Elm, Newark, N. J.
- Lecomte & Co., tin cans, Wolcott, Brooklyn, N. Y.
- Le Coney, Wm. G., architect, Moorestown, N. J.
- Le Count, Wm. G., clamps, wrenches, mandrels, etc., -So. Norwalk, Conn.
- Lecouteur Bros. Stair Mfg. Co., 4523 Shaw av, St. Louis, Mo.
- Lecroix, Wm., brick, Colfax, La.
- Ledbetter, Chas. P., contractor, Austin, Tex.
- Ledbetter, Louis, architect, Queen Theatre Bldg., Houston, Tex.
- Leddell Metals Co., babbitt, 281 Borden av, Long Island City, N. Y.
- Ledder & Probst, engng. instruments, 56 Franklin, Boston, Mass.
- Leddy & Moore, contractors, 105 W. 40th, New York.
- Ledebrink, Fred C., architect, 615 1/4 Hampshire, Quincy, Ill.
- Leder Oil Co., Demopolis, Ala.
- Lederer, S. & B., Co., silver novelties, 100 Stewart, Providence, R. I.
- Lederer, Sam'l & Son, fertilizer mfrs., New Brunswick, N. J.
- Ledger, Jno., stone producer, Ravenrock, N. J.
- Ledlie, David B., & Son, contractors, Saratoga Springs, N. Y.
- Lednum, J. F., canned goods, Preston, Md.
- Lednum, R. I., & Co., canned goods, Pocomoke City, Md.
- Ledoux, Augustus D., sulphur ores, 15 William, New York.
- Ledoux & Co., assayers, 99 John, New York.
- Le Doyen, Frank J., Co., metal polish, 827 Mangold, Baltimore, Md.
- Lee, A. S., & Sons, masons' & bldrs.' matls., Richmond, Va.
- Lee, Benj., archl. iron, 628 N. 5th, Phila., Pa.
- Lees-Bradner Co., milling machines, 6210 Carnegie av, Cleveland, O.
- Lee & Brinton, naval architects, Seattle, Wash.
- Lee, Brown & Duster Co., Davenport, Ia.
- Lee Bros., agricultural implements, Watertown, S. D.
- Lee Canning Co., Hamilton, N. Y.
- Lee Chair Co., Oneida, N. Y.
- Lee, Chester A., canned goods, Easton, Md.
- Lee-Colt Andreesen Hardware Co., Omaha, Nebr.
- Lee, Conrad, sash, door & blinds, Wilkes-Barre, Pa.
- Lee, D. J., contractor, Atlanta, Ga.
- Lee, Edward B., architect, 345 4th av, Pittsburgh, Pa.
- Lee, Edw. F., Glass Co., Detroit, Mich.
- Lee, Edwin S., flour mills, Coshocton, Ohio.
- Lee Elec. Co., desk tel, brackets, 219 N. Calvert, Baltimore, Md.
- Lee Electric Radiator Co., 7031 Stewart av, Chicago, Ill.
- Lee Fibre Co., Wadleys Falls, N. H.
- Lee, Geo., masons' & bldrs.' matls., South Whitley, Ind.
- Lee, Geo. E., cornices, Piqua, Ohio.
- Lee, Geo. E., Co., gas governors, Caxton Bldg., Cleveland, O.
- Lee, Geo. H., Co., insecticides, Omaha, Neb.
- Lee, H. K., machst., Hartford, Conn.
- Lee Hardware Co., Salina, Kans., & Shreveport, La.
- Lee, Harry C., & Co., sporting & athletic goods mfrs., 97 Chambers, New York.
- Lee Htg. Co., steam htg. contr., 3536 B'way, New York.



- Lee & Hewitt, architects, 1123 B'way, New York.  
 Lee & Hoff Mfg. Co., freight elev. & mach. wk., 65 E. Water, St. Paul, Minn.  
 Lee & Hurley, canned goods, Jerusalem, Md.  
 Lee, James S., architect, 6 Beacon, Boston, Mass.  
 Lee, Jas W., architect, Seaboard Bk. Bldg., Norfolk, Va.  
 Lee, John D., soap, Denver, Colo.  
 Lee, Jos., architect, 703 State, Erie, Pa.  
 Lee, L. F., Constr. Co., Oklahoma, Okla.  
 Lee, L. V., brick, Morenci, Mich.  
 Lee Ladder Co., wagon loaders, 1355 S. Michigan av, Chicago, Ill.  
 Lee Lime Co., Lee, Mass.  
 Lee Loader Co., hoists, 2343 S. La Salle, Chicago, Ill.  
 Lee & Lyman Lbr. Co., sash, door & blind mfrs., 2425 E. 18th, Kansas City, Mo.  
 Lee, M. J., Drain Tile Co., Colfax, Ind.  
 Lee Marble Wks., Lee, Mass.  
 Lee Milling Co., flour, Tushes, Va.  
 Lee Paper Co., Vicksburg, Mich.  
 Lee & Piper, architects, Chamber of Com. Bldg., Pittsburgh, Pa.  
 Lee & Porter Mfg. Co., machsts. & fndrs., Buchanan, Mich.  
 Lee, R. C., canned goods, Bedford, Va.  
 Lee, R. E., architect, Clemson College, S. C.  
 Lee Radtke Hardware Co., cornices & skylights, Baraboo, Wis.  
 Lee, Rus., brick, Bellmore, Ind.  
 Lee, S. A., flour mills, Lexington, Va.  
 Lee, Stanton P., architect, 55 Third, Troy, N. Y.  
 Lee, F. H., contractor, Pawtucket, R. I.  
 Lee, Thos., ventilators, fireproof doors, etc., 129 W. 2d, Cincinnati, Ohio.  
 Lee, Thos. C., architect, Syndicate Tr. Bldg., St. Louis, Mo.  
 Lee, Thos. P., contractor, 5629 Cherry, Philadelphia, Pa.  
 Lee Tire & Rubber Co., Conshohocken, Pa.  
 Lee, W. D., architect, Travelers' Bldg., Richmond, Va.  
 Lee, W. H., architect, Shamokin, Pa.  
 Lee, W. H., wholesale hdwe., Sutton, W. Va.  
 Lee, W. J., hubs, carriage & wagon wheel, Arcadia, Mo.  
 Lee-Warren Milling Co., flour, Salina, Kans.  
 Lee, William, knitted gloves, Needham Heights, Mass.  
 Lee, Wm. M., cotton batting, Athol, Mass.  
 Lee, Wm. O., Co., machsts. & fndrs., Port Huron, Mich.  
 Leece-Neville Co., auto. starting devices, 5363 Hamilton av, Cleveland, Ohio.  
 Leech, Austin, architect, 214½ Texas, El Paso, Tex.  
 Leech, J. C., flour mills, Arden, Pa.  
 Leech Lake Lbr. Co., 1128 Plymouth Bldg., Minneapolis, Minn.  
 Leech & Leech, architects, Lima, Ohio.  
 Leedom, W. F., masons' & bldrs.' matls., Bristol, Pa.  
 Leeds, Kyle W., show cases, Kansas City, Mo.  
 Leeds & Northrup Co., laboratory apparatus & supplies, 4901 Stenton av, Philadelphia, Pa.  
 Leeds Packing Co., canned goods, Easton, Md.  
 Leefers, J. F., Co., contractors, Cedar Rapids, Ia.  
 Leeming & Wardner, architects, 1 Washington, Poughkeepsie, N. Y.  
 Leeming, Woodruff, architect, 20 Broad, New York.  
 Leenhouts & Guthrie, architects, 424 Jefferson, Milwaukee, Wis.  
 Leeper, A. S., architect, Kent, Wash.  
 Leer, Leopold, architect, 632 Fillmore pl, West New York, N. J.  
 Leerburger Bros., essential oils, 170 B'way, New York.  
 Lees, Daniel (Est. of), plushes, Glen Riddle, Pa.  
 Lees International Gas Governor Co., 128 N. Main, Providence, R. I.  
 Lees, John, dies, machsts., etc., Indianapolis, Ind.  
 Lees Mfg. Co., cordage & twine mfrs., Westport, Conn.  
 Lees, R. E., contractor, 303 6th av, S. E., Minneapolis, Minn.  
 Lees, Wm., htg. contrs., 548 W. Washington, Chicago, Ill.  
 Leesburg Canning Co., Leesburg, Ohio.  
 Leesburg Lime Co., Leesburg, Va.  
 Leesville Coffin & Casket Co., Leesville, S. C.  
 Leesville Iron Wks., machsts. & fndrs., Leesville, La.  
 Leesville Oil Mill Co., meal, Leesville, S. C.  
 Leet, H., Lumber Co., Portsmouth, Ohio.  
 Leete, Chas. H., machsts. & fndrs., Potsdam, N. Y.  
 Leetonia Boiler Co., Leetonia, Ohio.  
 Leetonia Tool Co., Leetonia, Ohio.  
 Lefebvre, A. H., paper & pulp mills, Felts Mills, N. Y.  
 Le Fevre, A. P., masons' & bldrs.' matls., New Paltz, N. Y.  
 Lefevre, Edw. Y., paper & pulp mills, Fallsburg, N. Y.  
 Leffel, James, & Co., turbine water wheels, engines, etc., 500 Lagonda, Springfield, Ohio.  
 Lefferts, Chas. A., & Co., machsts. & fndrs., 109 2d av, Brooklyn, N. Y.  
 Lefferts Galvanizing Wks., 508 E. 20th, New York.  
 Leffler, A., Co., fertilizer, Savannah, Ga.  
 Leffler & Bland, masons' & bldrs.' matls., contr., Marion, Ohio.  
 Leffler, Chas., & Co., mfrs. sheet metal workers machines & tools, 59 Clymer, Brooklyn, N. Y.  
*See adv index at end of book.*  
 Leffler, John A., contractor, Hazleton, Pa.  
 Lefton Mfg. Co., bones, bottle wrappers, cases, etc., 1301 W. 35th, Chicago, Ill.  
 Leftwich, W. M., Co., contractors, Nashville, Tenn.  
 Legalite Corp., auto. lamp lenses, 120 Boylston, Boston, Mass.  
 Leger, Supplein J., bldg. contr., Fitchburg, Mass.  
 Legg Brick Co., Calhoun, Ga.  
 Legg, Fred. A., architect, Salem, Ore.  
 Leggett & Bro., insecticide dusters, drug, paint, etc., spec., 301 Pearl, N. Y.  
 Leggett, Clarence F., architect, Rochester, N. Y.  
 Leggett & Duryea, cement sidewalk name plates, Princeton, N. J.  
 Leggett & Platt Spring Bed Mfg. Co., Carthage, Mo.  
 Leggett, Wm. T., Co., masons' & bldrs.' matls., 2621 Liberty, Pittsburgh, Pa.  
 Legier, Mell & Son, masons' & bldrs.' matls., Valley Falls, Kans.  
 Legler-Eilerman Co., white metal castings, Dayton, Ohio.  
 Le Gore Combination Lime Co., Le Gore, Md.  
 Le Goullon, P., roofing tile, 27th & Liberty, Pittsburgh, Pa.  
 Le Grand Mine Drill Wks., Wilkes-Barre, Pa.  
 Leh, A. W., architect, South Bethlehem, Pa.  
 Le Haye Mfg. Co., metallic burial cases, 298 11th, San Francisco, Cal.  
 Lehi Canning Co., Lehi, Utah.  
 Lehigh Car Wheel & Axle Works, Catasauqua, Pa.  
 Lehigh Clay Product Co., Lehigh, Ia.  
 Lehigh Coal & Supply Co., masons' & bldrs.' matls., Hoboken, N. J.  
 Lehigh Fire Brick Wks., Catasauqua, Pa.  
 Lehigh Foundry Co., Fullerton, Pa.  
 Lehigh Paper Mills, Inc., Pittston, Pa.  
 Lehigh Portland Cement Co., machsts. & fndrs., Allentown, Pa.  
 Lehigh Sewer Pipe & Tile Co., Fort Dodge, Ia.  
 Lehigh Stone Co., Kankakee, Ill.  
 Lehigh Stove & Mfg. Co., Lehigh, Pa.  
 Lehigh Structural Slate Mfg. Co., Bangor, Pa.  
 Lehigh Structural Steel Co., Allentown, Pa.  
 Lehigh Univ., engng. school & coll., South Bethlehem, Pa.  
 Lehigh Valley Cornice Wks., Bethlehem, Pa.  
 Lehlbach, Edward, architect, 507 5th av, New York.  
 Lehle, Louis, brewery architect, 38 S. Dearborn, Chicago, Ill.  
 Lehmaier, Schwartz & Co., tin foil, 207 E. 22d, New York.  
 Lehman Bros., auto. & carriage htrs., 197 Grand, N. Y.  
 Lehman Bros., scrap iron, steel & rubber, Hoboken, N. J.  
 Lehman, Chas. T., mach. & founder, Birmingham, Ala.  
 Lehman, Ludwig, jewelry cases, 72 Beekman, New York.  
 Lehman & Schmitt, architects, Electric Bldg., Cleveland, Ohio.  
 Lehman, Wm. E., architect, 738 Broad, Newark, N. J.  
 Lehmann Machine Co., engine lathes, 606 S. B'way, St. Louis, Mo.  
 Lehmann & Schaefer, machsts. & fndrs., 321 Palmetto, Brooklyn, N. Y.  
 Lehmer, Jos. R., Co., machy. dlrs., Omaha, Neb.  
 Lehn & Fink, camphor & carbolic acid, 120 William, New York.  
 Lehnert & Co., machsts. & fndrs., 313 E. 22d, New York.  
 Lehnert Textile Co., 184 Summer, Boston, Mass.  
 Lehon Co., waterproofing materials, etc., W. 45th & S. Western av, Chicago, Ill.  
 Lehr Agricultural Co., Fremont, Ohio.  
 Lehr, H., & Co., pianos, Easton, Pa.  
 Leibach, W. F., masons' & bldrs.' matls., Iowa City, Ia.  
 Leibig, Chas. P., contractor, Ashland, Pa.  
 Leich Elec. Co., lightning arresters, switchboards & transmitters, Genoa, Ill.  
 Leidecker Tool Co., Marietta, Ohio.  
 Leidich, W. H., htg. contrs., Pottsville, Pa.  
 Leight & Havens Lbr. Co., R. A. Long Bldg., Kansas City, Mo.  
 Leides, J. & Son, pianos, 1956 Larrabee, Chicago, Ill.  
 Leif Buggy Co., Attica, Ind.  
 Leigh Banana Case Co., baling presses, 2230 S. Union av, Chicago, Ill.  
 Leigh & Butler, tex. machy., supplies, etc., 232 Summer, Boston, Mass.  
 Leighton, A. J., contractor, Lorain, Ohio.  
 Leighton, Arthur, Co., wood acids, Methol, N. Y.  
 Leighton, H. J., machsts., Syracuse, N. Y.  
 Leighton, H. N., & Co., contractors, 127 S. 10th, Minneapolis, Minn.  
 Leighton Mach. Co., winders, Manchester, N. H.  
 Leighton-Mitchell Co., contractors, 95 Milk, Boston, Mass.  
 Leighton Plumbing & Heating Co., cornices, Bangor, Me.  
 Leighton Supply Co., plumbers, mill & facty. supplies, jobbers, Fort Dodge, Ia.  
 Leikauf Packing Co., meat packers, Ft. Wayne, Ind.  
 Leiman Bros., machy., 62 John, New York.  
 Leimann, Wm., & Bro., contractors, 2303 Clifton, Cincinnati, Ohio.  
 Leiner, Jos., architect, Mutual Sav. Bk. Bldg., Wheeling, W. Va.  
 Leinkenheimer (The) Co., valves, etc., Beekman & Waverly, Cincinnati, Ohio. *See adv index end of book.*  
 Leiper, Callender I., stone producers, Chester, Pa.  
 Leiper, E., stone producers, Chester, Pa.  
 Leiper, G. A., & Co., masons' & bldrs.' matls., Little Rock, Ark.  
 Leopold, Gustave H., architect, 160 Martin, Milwaukee, Wis.  
 Leippe's, Jacob A., Sons, carriage & wagon shafts, poles & wheels, Reading, Pa.  
 Leipzig, A., porch shades, wires, willow, etc., baskets, 127 W. 17th, New York.  
 Leisen, John H., fire clay, Woodbridge, N. J.  
 Leiser & Holst, architects, Germania Bldg., Milwaukee, Wis.  
 Leiser Mfg. Co., machsts. & fndrs., 46 Walworth, Brooklyn, N. Y.  
 Leising, Jos. F., & Co., masons' & bldrs.' matls., Chicago Heights, Ill.  
 Leister, Frank H., masons' & bldrs.' matls., North Wales, Pa.



- Leistner, Paul, & Sons Mfg. Co., plumb bobs, St. Charles, Mo.  
 Leisure Packing Co., canned goods, Elwood, Ind.  
 Leisy-Patton Co., screw machines, 3405 Perkins av, Cleveland, Ohio.  
 Leitch, J. N., Co., auto. bodies, Amesbury, Mass.  
 Leitchfield Milling Co., flour, Leitchfield, Ky.  
 Leitelt, Adolph, Iron Works, iron forgings, Grand Rapids, Mich.  
 Leiter, E. T., & Sons, contractors, Call Bldg., San Francisco, Cal.  
 Leitha, J. F., architect, Waverly, Ia.  
 Leitner, Frank V., contractor, Scranton, Pa.  
 Leitner, J. F., architect, Wilmington, N. C.  
 Leetonia Tool Co., adze mfrs., Leetonia, Ohio.  
 Leitz, Ernest, condensers, photo-micrographic app., etc., 30 E. 18th, New York.  
 Lutz, Isadore, canned goods, Bloomington, Ill.  
 Lekko Soap Co., 925 S. 5th av, Chicago, Ill.  
 Lektrik Sales Co., corn poppers, Louisville, Ky.  
 Leland Bros. Co., mill & factory supplies, 414 E. 3d, Los Angeles, Cal.  
 Leland Fruit & Packing Co., canned goods, Leland, Wash.  
 Leland-Gifford Co., crank shafts & drilling machines, Worcester, Mass.  
 Leland, H. G., lumber, McClellanville, S. C.  
 Leland, Stanford, Jr., Univ., engng. school & coll., Palo Alto, Cal.  
 Le Laurin, A. A., machst. & fndrs., Pine Bluff, Ark.  
 Lelong, L., & Bro., smelters & refiners, 345 Halsey, Newark, N. J.  
 Leman Bros., machsts., 68 Benykamper av, Newark, N. J.  
 Lemana, B., & Bro., masons' & bldrs.' matls., Donaldsville, La.  
 Lemberg Enameling Co., fndrs., Florence av, Cincinnati, Ohio.  
 Lembke, Chas. F., architect, Valparaiso, Ind.  
 Lemcke, Theo. C., Novelty Co., 1923 Mills av, Norwood, Cincinnati, Ohio.  
 Leming, M. E., Lumber Co., Cape Girardeau, Mo.  
 Lemke, E., contractor, Albuquerque, N. M.  
 Lemke Elec. Co., 509 Cedar, Milwaukee, Wis.  
 Lemme, E. S., architect, 337 7th av, San Francisco, Cal.  
 Lemmer, Fredk., architect, Irvington, N. J.  
 Lemmerman & Hoffman Granite Co., Mount Airy, N. C.  
 Lemmers Umbrella Co., 39 The Arcade, Cleveland, Ohio.  
 Lemmon Milling Co., flour, Bedford, Ind.  
 Lemont Limestone Co., 2433 S. Ashland av, Chicago, Ill.  
 Lempert, Leon H., & Son, architects— theatre, Cutler Bldg., Rochester, N. Y.  
 Lena Casket & Supply Co., Lena, Ill.  
 Lenahan, B. J., stone, granite, 140th & Rider av, New York.  
 Lenahan, Frank, & Son, machy., scrap iron, etc., 53 Fulton, Buffalo, N. Y.  
 Lenahan, R., & Co., ship bldrs., Kingston, N. Y.  
 Lenderking, P. H., Jr., cornices, Linwood av & Dillon, Balto., Md.  
 Lendrim, H. C., Co., cornices, Paterson, N. J.  
 Lenehan, Pat. H., contractor, Malden, Mass.  
 Lengacher, Wm., cornices, 2046 Larrabee, Chicago, Ill.  
 Lengel, Jonathan D., contractor, Wayne, Pa.  
 Lenges, Philip, Iron Wks., 309 E. 122d, New York.  
 Lengfelt, F. H., & Co., dyes & dyestuffs, 100 Maiden la, New York.  
 Lenhart, I. S., masons' & bldrs.' matls., Hamburg, Pa.  
 Lenhart Wagon Co., machsts. & fndrs., 2600 University av, Minneapolis, Minn.  
 Lenher Engin'g Co., machy., 95 Liberty, New York.  
 Lenker, Frank K., & Co., machsts., Millersburg, Pa.  
 Lennan, John, Son Co., contractors, Niagara Falls, N. Y.  
 Lennane Bros., contractors, Union Trust Bldg., Detroit, Mich.  
 Lennig, Chas., & Co., acetic acid, ores, etc., 112 S. Front, Philadelphia, Pa.  
 Lennon, Adelbert J., contractor, Watervliet, N. Y.  
 Lennoa, Jas. E., Lime & Cement Co., 352 Church, San Fran., Cal.  
 Lennox Furnace Co., Marshalltown, Ia.  
 Lennox, Jos. W., contractor, New Orleans, La.  
 Lennox Mach. Co., corn mills, 2558 W. 16th, Chicago, Ill.  
 Lennox Throatless Shear Co., Marshalltown, Ia.  
 Lenoir Car Wks., machsts. & fndrs., Washington, D. C.  
 Lenoir Mills, Inc., flour, Lenoir, N. C.  
 Lenoir Oil & Ice Co., Kingston, N. C.  
 Lenox, Inc., domestic china, Trenton, N. J.  
 Lenox Brick Co., Clifford, N. J.  
 Lenox Building Supply Co., 27 Clinton, Newark, N. J.  
 Lenox Knitting Wks., sweaters, cardigans, etc., 400 Nostrand av, Brooklyn, N. Y.  
 Lenox Mfg. Co., machsts., Catasauqua, Pa.  
 Lenox Motor Car Co., 18 Columbus av, Boston, Mass.  
 Lenox Shear Co., Brookfield, Conn.  
 Lens Co., cereal foods, 3d av & Ross, Pittsburgh, Pa.  
 Lensed Elec. Shade Co., 101 Warren, New York.  
 Lensing Bros., masons' & bldrs.' matls., Evansville, Ind.  
 Lents, Walter T., archt., 4942 Univ. av, Indianapolis, Ind.  
 Lentz, Chas., & Sons, surgical & dental instruments, 33 S. 17th, Philadelphia, Pa.  
 Lentz, Hy., fndr., Mount Pleasant, Pa.  
 Lentz, Robt. A., contractor, Freeland, Pa.  
 Lentz-Schebler Co., variable speed transmission, Indianapolis, Ind.  
 Lenz Apparatus Co., glass quartz, 9 E. 16th, New York.  
 Lenzen, Louis T., architect, 110 S. 2d, San Francisco, Cal.  
 Lenzen, Theo. W., architect, Humboldt Bk. Bldg., San Fran., Cal.  
 Leo, Jas., Co., paper & pulp mills, 231 Varick, Jersey City, N. J.  
 Leo, John P., architect, 770 St. Nicholas av, New York.  
 Leola Mach. Co., Leola, Pa.  
 Leolastic Mills, webbing (elastic), Bayonne, N. J.  
 Leoma Union Warehouse Mfg. Co., fertilizer mfrs., Leoma, Tenn.  
 Leominster Hardware Co., Leominster, Mass.  
 Leona Mills Lbr. Co., Leona, Ore.  
 Leonard, B. A., contractor, 4170 Mad Anthony, Cincinnati, Ohio.  
 Leonard & Baker Stove Co., Taunton, Mass.  
 Leonard-Bundy Elect. Co., rheostats, switches, switch boards, Cleveland, Ohio.  
 Leonard, Chas., Hardware Co., Petersburg, Va.  
 Leonard Co., masons' & bldrs.' matls., Albany, N. Y.  
 Leonard Construction Co., 332 S. Michigan, Chicago, Ill.  
 Leonard Die & Seal Co., steel letters & figures, 522 S. Clinton, Chicago, Ill.  
 Leonard, Elizabeth, architect, Abbott Bldg., Cambridge, Mass.  
 Leonard, F. B., & Co., neck yokes, Metropolis, Ill.  
 Leonard, F. J., contractor, Lewis Bldg., Portland, Ore.  
 Leonard, G. Francis, architect, 5 Beekman, New York.  
 Leonard Hi-Oven Range Co., stove mfrs., Cedar Rapids, Ia.  
 Leonard, J. J., contractor, Phelan Bldg., San Francisco, Cal.  
 Leonard, J. M., machsts. & fndrs., Osterville, Mass.  
 Leonard, J. N., & Co., contractors, 902 Chapel, New Haven, Conn.  
 Leonard & Lally, cornices & skylights, Maysville, Ky.  
 Leonard & McCoy, mill & facty. supplies, 161 Washington, New York.  
 Leonard Mach. Wks., 1222 Race, Philadelphia, Pa.  
 Leonard Mfg. Co., dinner pails, Scranton, Pa.  
 Leonard, Peterson & Co., laboratory wodo work, 1234 Fullerton, Chicago, Ill.  
 Leonard, Rodney W., architect, Rea Bldg., Terre Haute, Ind.  
 Leonard, S. O., contractor, Galveston, Tex.  
 Leonard Sheet Metal Wks., Hoboken, N. J.  
 Leonard, Thos. F. Co., whol. hdwe., Scranton, Pa.  
 Leonardis, Peter, & Sons, scrap iron, rubber, etc., 57 River, Newark, N. J.  
 Leonhardt & Peck, contractors, 356 Spring, Los Angeles, Cal.  
 Leonhardt, Chas., machinist, New Ulm, Minn.  
 Leonhardt, Louis, rubber stamps & stencils, 111 Warren, New York.  
 Leonhardt Wagon Mfg. Co., 417 E. Saratoga, Baltimore, Md.  
 Leopold Desk Co., Burlington, Ia.  
 Leopold, J., & Co., stone, granite, wood paving blocks, Woolworth Bldg., New York.  
 Leopold, J. & Co., china imptrs. & jobbers, 101 Hanover, Baltimore, Md.  
 Leousi, Clonney & Co., chamois imp. & sponges, 39 Walker, New York.  
 Lepley, Matthew G., architect, 1406 G. N. W., Washington, D. C.  
 Le Poidevin, A., & Co., granite producers & wkrs., 286 5th av, New York.  
 Lepper, W. H., architect, Brooks Arcade Bldg., Salt Lake City, Utah.  
 Leppert, Chas. H., machst., Hartford, Conn.  
 Lerch Bros., harness & saddlery mfrs., Baltimore, Md.  
 Lerch, F. J., & Co., contractors, Easton, Pa.  
 Lercher, A., trunk mfrs., 435 Broome, New York.  
 Lerio Patent Cup Co., Mobile, Ala.  
 Le Roi Motor Co., lathes; machine tools, West Allis, Wis.  
 Le Roy Canning Co., Le Roy, N. Y.  
 Leroy Plow Co., Leroy, N. Y.  
 Le Roy, Rockwell A., architect, Kalamazoo, Mich.  
 Leroy Salt Co., Leroy, N. Y.  
 Leschen, A., & Sons Rope Co., 920 N. 1st, St. Louis, Mo.  
 Lescher, J. G., Constr. Co., Delmar Bldg., St. Louis, Mo.  
 Lescher & Kibbey, architects, Phoenix, Ariz.  
 Lescher, T. H., architect, 920 Monroe, Topeka, Kans.  
 Lesh, C. P., Paper Co., pads & tablets, Indianapolis, Ind.  
 Lesh & Matthews Lumber Co., 140 S. Dearborn, Chicago, Ill.  
 Lesh & Roess, stone producers, Oil City, Pa.  
 Lesinski-Leszczynski Co., contractors, 715 Forrest av, Detroit, Mich.  
 Lesley & Trinkle Co., masons' & bldrs.' matls., Penna Bldg., Philadelphia, Pa.  
 Leslie Co., machsts. & fndrs., Lyndhurst, N. J.  
 Leslie, Elliott & Co., boilers, caissons, stills, tanks, etc., Paterson, N. J.  
 Leslie, Jno., carved mouldg. & blind mfrs., 138 W. 15th, New York.  
 Leslie, John, Paper Co., 3d av S. & 5th, Minneapolis, Minn.  
 Leslie Sheet Metal Works, Bristol, Tenn.  
 Le Sourd, A., & Sons, sashes, doors & blinds, Bellefontaine, Ohio.  
 Lesselyong Hardware Co., Ironwood, Mich.  
 Lesser, Chas. L., architect, West Allis, Wis.  
 Lessig, Geo. B., Co., iron & steel rolling mills, Pottstown, Pa.  
 Lessig, Geo. D., & Son, agricultural implements, Reading, Pa.  
 Lessig, J., cornices & skylights, East Stroudsburg, Pa.  
 Lessig, John, & Son, common brick, Grand Rapids, Wis.  
 Lessley, A. L., soap, Lebanon, Pa.  
 Lesswing's, Peter, Sons, carriages, Buffalo, N. Y.  
 Lester, A. W., meat packers, Albany, N. Y.  
 Lester Clay Co., Jacksonville, Fla.  
 Lester Co., aluminum solder, Fayetteville, N. Y.  
 Lester Piano Co., 1308 Chestnut, Philadelphia, Pa.  
 Lester, W. C., architect, Scimitar Bldg., Memphis, Tenn.  
 Lester & Wasley Co., machsts. & fndrs., Norwich, Conn.



- Lestershire Lumber & Box Co., Lestershire, N. Y.  
 Lestershire Spool Mfg. Co., spools, Lestershire, N. Y.  
 Lestershire Towel Mills, Lestershire, N. Y.  
 Lesueur, W. D., & C. H., brick, Nashville, Tenn.  
 Letcher, R. J., & Son, plumbers' supplies—jobbers, 191 Morgan, Jersey City, N. J.  
 Letellier, F., & Co., lbr. mfrs., Grand Rapids, Mich.  
 Letteney, C. F., contractor, 11 Central, Boston, Mass.  
 Lettes, A. C., Mfg. Co., stove polish, Kansas City, Mo.  
 Letts, E. M., stove pipe mfrs., Waverly, N. Y.  
 Letts, R. G., lumber, Bannister, Mich.  
 Letts, W. T., Box & Cooperage Co., St. Joseph, Mo.  
 Letz Mfg. Co., agricultural implements, Crown Point, Ind.  
 Letzgus, Anton A., Jr., architect, Bailey Bldg., Phila., Pa.  
 Leu, F., Co., machsts., 231 Vernon av, Long Island City, N. Y.  
 Leuckel, A. N., & Co., sash, doors & blinds, Trenton, N. J.  
 Leukart, J., Co., lock mortising machines, 44 E. Columbus, Columbus, Ohio.  
 Leupold & Voelpel, scientific instruments—water level recorders, 107 E. 70th N., Portland, Ore.  
 Leuton Brick Co., 25th & Passy'k av, Philadelphia, Pa.  
 Leutwiler Bros., machsts. & fndrs., Highland, Ill.  
 Leutwiler, J. H., machsts. & fndrs., Trenton, Ill.  
 Leutz, C. F., Sons, handles (wood), Maryville, Ohio.  
 Le Valley, Frank J., contractor, Lockport, N. Y.  
 Le Valley-McLeod-Kinkaid Co., plumbers' suppl., Elmira, N. Y.  
 Le Valley Vitae Carbon Brush Co., commutator compounds, 521 W. 23d, New York.  
 Levandouski, Peter, contractor, Lafayette, Ind.  
 Lovell, F. H., & Co., machs. & fndrs., Arlington, N. J.  
 Levensaler-Speir Corp., magnesite & manganese, Monadnock Bldg., San Francisco, Cal.  
 Le Veque Construction Co., 108 Jeff, Detroit, Mich.  
 Lever, Oswald, Co., textile machy., supplies, etc., 13th & Cumberlandland, Philadelphia, Pa.  
 Leverer, J. S., & Co., cornices, Saginaw, Mich.  
 Leveridge, Chas. W., elec. & gas light fixtures, fire alarm signal boxes, lamp guards, etc., 133 Liberty, New York.  
 Levering Bros., sash weights, castings, etc., Wicomico & Monroe, Baltimore, Md.  
 Levering & Garrigues Co., machsts., fndrs., steel & iron wks., 552 W. 23d, New York.  
 Levering Mfg. Co., broom handles, Wilmington, N. C.  
 Levert Lbr. & Shingle Co. (Ltd.), Lottie, La.  
 Leveson, S., scrap iron, 464 Grand, Jersey City, N. J.  
 Levesque, J. T., & Co., architects, Great Falls, Mont.  
 Levett, Walker M., Co., fndrs., 417 E. 23d, New York.  
 Levey, Fred H., Co., inks, 59 Beekman, New York.  
 Levi, B., & Co., scrap iron, brass & copper, Scranton, Pa.  
 Levi, Louis, architect, Munsey Bldg., Baltimore, Md., & Real Estate Tr. Bldg., Philadelphia, Pa.  
 Levi, M. A., scrap rubber, Rochester, N. Y.  
 Levick & Mobley, contractors, Tampa, Fla.  
 Levick's, Richard, Son & Co., mill & facty. supplies, 720 Chestnut, Philadelphia, Pa.  
 Levien, Louis, Cut Glass Co., 164 5th av, New York.  
 Levin, Kroneneberg & Co., sash, door & blind mfrs., Van Sinderen av, Brooklyn, N. Y.  
 Levin, Wm., sweaters, cardigans, etc., 204 Canal, New York.  
 Levine, A., & Co., scrap iron, 1461 S. State, Chicago, Ill.  
 Levine, Abram, carbons, black diamonds, etc., 35 Nassau, New York.  
 Levine, B., & Bro., contractors, Allston, Boston, Mass.  
 Levine & Co., sweaters, bath'g suits, etc., 291 Essex, Bklyn, N. Y.  
 Levine, H. & Co., cloth covered buttons, 104 W. 30th, New York.  
 Levine, P., & Co., umbrella handles, 247 Center, New York.  
 Levine & Posner, architect'l & ornament. iron, 533 E. 119th, New York.  
 Levingson, S., architect, 101 W. 42d, New York.  
 Levinson Packing Co., meat, Newport News, Va.  
 Levinson, Schubb & Caplan, scrap iron & steel, 35 Pride, Pittsburgh, Pa.  
 Levinstein, I., & Co., aniline colors, 74 India, Boston, Mass.  
 Levis, Henry, Co., railroad equipment (second hand), 26 S. 15th, Phila., Pa.  
 Levison & Blythe Mfg. Co., 209 Locust, St. Louis, Mo.  
 Levitan, Benj. W., architect, 20 W. 31st, New York.  
 Leviton, Morton, architect, 155 N. Clark, Chicago, Ill.  
 Levy, Albert D., fndrs., Cleveland, Ohio.  
 Levy, Alex. L., architect, 111 W. Washington, Chicago, Ill.  
 Levy, Chas., architect'l & ornament. iron, 511 W. 45th, New York.  
 Levy & Clarke, architects, Germania Bldg., Savannah, Ga.  
 Levy, Emilio, architect, 56 W. 45th, New York.  
 Levy, Max & Co., cullet, 845 Rees, Chicago, Ill.  
 Levy & Merzbach, advert. nov. & spec., 1255 B'way, New York.  
 Levy Rice Milling Co., 448 Julia, New Orleans, La.  
 Levy, Robt., Co., cigar cutters, 473 Washington, Newark, N. J.  
 Levy, S., duster mfr., 618 New Market, Phila., Pa.  
 Levy, Samuel S., architect, 35 Court, Boston, Mass.  
 Levy, Wm., architect, Wright Bldg., St. Louis, Mo.  
 Lewald, F., & Co., screw driver mfrs., 206 W. Adams, Chicago, Ill.  
 Lewers & Cooke, Ltd., masons' & bldrs.' matls., sashes, doors & blinds, Honolulu, Hawaii.  
 Lewes Machine Co., dies, straightening & cutting machines, etc., 830 Long av, Cleveland, Ohio.  
 Lewes Packing Co., canned goods, Lewes, Del.  
 Lewin, A. M., Lbr. Co., Bank & McLean, Cincinnati, Ohio.  
 Lewinsohn Imptg. & Trading Co., bristles, 74 5th av, New York.  
 Lewinson & Co., steel structural wk., 128 W. 42d, New York.  
 Lewis, A. E., architect, Miami, Fla.  
 Lewis, Baldwin & Co., turpentine, Bowling Green, Fla.  
 Lewis & Bennett Hardware Co., whol. hardware, 4 N. Main, Wilkes-Barre, Pa.  
 Lewis Bros., Co., contractors, Nashville, Tenn.  
 Lewis Canning Co., Westport, Cal.  
 Lewis, Chas. C., Co., whol. hardware, Springfield, Mass.  
 Lewis & Co., cottonseed meal, Edwards, Miss.  
 Lewis Comyn, mattresses, Charleston, W. Va.  
 Lewis Contr. Co., 327 1st, Pittsburgh, Pa.  
 Lewis County Canning Assn., Chehalis, Wash.  
 Lewis, D. C., architect, Couch Bldg., Portland, Ore.  
 Lewis, David W., Co., drain pipes, Cambridge, Mass.  
 Lewis & Davis, steam htg. contrs., 412 E. 31st, Kansas City, Mo.  
 Lewis & Dougherty, architects, 35 N. Dearborn, Chicago, Ill., & Danville, Ill.  
 Lewis Drilling Compound Co., Sauquoit, N. Y.  
 Lewis, E. J., machst., Middleport, N. Y.  
 Lewis, Edwin B., architect, Lansdowne, Pa.  
 Lewis, Edwin J., Jr., architect, 9 Park, Boston, Mass.  
 Lewis & Egginton, Machsts. & fndrs., Berry, Brooklyn, N. Y.  
 Lewis Electric Welding & Mfg. Co., Toledo, Ohio.  
 Lewis & Ellery, architects, Reno, Nev.  
 Lewis, F. C., canned goods, Hopkins, Va.  
 Lewis, F. H., lumber, ties, poles, posts, 636 Lumber Exch. Bldg., Minneapolis, Minn.  
 Lewis, F. J., Mfg. Co., roofing materials, Moline, Ill.  
 Lewis File Mfg. Co., Beach City, Ohio.  
 Lewis Foundry & Mach. Co., machsts. & fndrs., Groveton, Pittsburgh, Pa.  
 Lewis, G. B., Co., bee keepers' supplies, Watertown, Wis.  
 Lewis, G. Wilton, architect, 34 School, Boston, Mass.  
 Lewis-Geer Mfg. Co., children's vehicles, Ypsilanti, Mich.  
 Lewis, Geo. A., contractor, 1115 Midland av, Syracuse, N. Y.  
 Lewis, H., Co., boiler compounds, 832 Washington blvd, Chicago, Ill.  
 Lewis-Hall Iron Wks., Ferry av & G. T. Ry., Detroit, Mich.  
 Lewis Hardware Co., Rhinelander, Wis.  
 Lewis, Harry I., lbr. mfrs., 62 Beaver, New York.  
 Lewis, Hy. B., steel struct. wk., Ferry av & G. T. Ry., Detroit, Mich.  
 Lewis & Hill, architects, Brisbane Bldg., Buffalo, N. Y.  
 Lewis Institute, engng. schools & coll., Chicago, Ill.  
 Lewis, J. E., architect, New Philadelphia, O.  
 Lewis, J. L., photographic paper, 522 6th av, New York  
 Lewis, J. M. B., architect, 914 Main, Lynchburg, Va.  
 Lewis, J. P., Co., jute boards, paper & pulp mills, Beaver Falls, N. Y.  
 Lewis, J. R., machst. & fndr., Weatherford, Tex.  
 Lewis, Jno. D., aniline colors, dyes, starch, etc., 8 Exchange pl, Providence, R. I.  
 Lewis, John L., contractor, Binghamton, N. Y.  
 Lewis, Jno. S., Jr., brick, Wayne, Neb.  
 Lewis, John T., & Bros. Co., color mfrs. & imptrs., Lafayette Bldg., Phila., Pa.  
 Lewis, Jos. E., pipe bends & coils, 1218 Warner, Baltimore, Md.  
 Lewis Lumber Co., Asbury Park, N. J.  
 Lewis Machine Co., straighteners & cutters, 830 Long av, Cleveland, Ohio.  
 Lewis Mfg. Co., cotton, Walpole, Mass.  
 Lewis Mfg. Co., milk & cream coolers, Cortland, N. Y.  
 Lewis Mfg. Co., lbr. mfrs., Bay City, Mich.  
 Lewis, Mirt E., htg. contrs., Binghamton, N. Y.  
 Lewis & Neville Mfg. Co., carriages, Goshen, Ind.  
 Lewis Robt., Co., car curtains, Richmond & Brill, Phila., Pa.  
 Lewis Run Mfg. Co., acetate of lime, wood alcohol, etc., Bradford, Pa.  
 Lewis, Sam'l, janitors' supplies, 73 Barclay, New York.  
 Lewis, Slocum & Lefevre Co., paper & pulp mills, Beaver Falls, N. Y.  
 Lewis Spring & Axle Co., Chelsea, Mich.  
 Lewis, Tom, fertilizer mfrs., Sacramento, Cal.  
 Lewis-Weller Mfg. Co., bed & coil or spiral springs, Utica, N. Y.  
 Lewis & Wheeler Merc. Co., lbr. mfrs., 1537 18th, Denver, Colo.  
 Lewis, Wiley & Morse, contractors, Seattle, Wash.  
 Lewis, Wm. A., common brick, Knox, Ind.  
 Lewis, Wm. W., architect, 15 Exchange, Boston, Mass.  
 Lewis-Wilson-Hicks Co., lumber, Glasgow, Ky.  
 Lewisburg Chair Co., Lewisburg, Pa.  
 Lewisburg Foundry Co., Lewisburg, Tenn.  
 Lewisburg Mill & Elevator Co., flour, Lewisburg, Tenn.  
 Lewisburg Stone Co., Lima, Ohio.  
 Lewisport Mill Co., flour, Lewisport, Ky.  
 Lewiston Handle Co., Lewiston, Me.  
 Lewiston Metal Cornice & Skylight Wks., Lewiston, Me.  
 Lewistown Foundry & Mach. Co., Lewistown, Pa.  
 Lewisville Canning Co., Lewisville, Ind.  
 Lewthwaite, Geo. A., Co., machsts. & fndrs., 116 Walker, N. Y.  
 Lewthwaite, T. H. Mach. Co., 413 E. 31st, New York.  
 Lewy Chemical Co., camphor, 26 E. 22d, New York.  
 Lexington Brick Co., Lexington, Ky.  
 Lexington Engine & Boiler Works, Lexington, Ky.  
 Lexington Flouring Mills, Lexington, Mo.



- Lexington-Howard Co., automobile bldrs., Connersville, Ind.  
 Lexington Instrument Wks., calorimeters & machsts., Lexington, Richmond Co., Ohio.  
 Lexington Mfg. Co., tickings, Columbia, S. C.  
 Lexington Mill & Elevator Co., feed, flour, Lexington, Neb.  
 Lexington Roller Mills Co., feed, flour, Lexington, Ky.  
 Lexington Triumph Press Brick Co., Lexington, Mo.  
 Ley Constr. Co., house bldg., Pittsburgh, Pa.  
 Ley, E. T. Co., contractors, 1024 Main, Bridgeport, Conn.  
 Ley, Fred T., & Co., general contractors, 499 Main, Springfield, Mass., 185 Devonshire, Boston, Mass., Vanderbilt av, New York, & Milwaukee, Wis.  
 Ley, H., & Co., iron, Lincoln av, Cincinnati, Ohio.  
 Ley, Jno., machsts. & fndrs., Bradford, Pa.  
 Leyden-Orsterfen Co., contractors, 53 W. Jackson, Chicago, Ill.  
 Leyhe Piano Co., Houston, Tex.  
 Leyland, Thos. & Co., aniline colors, Tex. machy., etc., Readville, Boston, Mass.  
 Leyland, Thos. & Co., sewing machine mfrs., Readville, Mass.  
 Leyner, J. Geo., Engng. Wks. Co., pneumatic pile drivers, Littleton, Colo.  
 L. F. S. Syndicate, contractors, Investment Bldg., Los Angeles, Cal.  
 L'Honnmedieu, Chas. F., & Sons Co., platers' & polishers' supplies, 24 S. Clinton, Chicago, Ill.  
 L'Honnmedieu's, J. H., Son & Co., contractors, 132 Madison av, New York.  
 Lhote & Co., lbr. mfrs., Whitney Bldg., New Orleans, La.  
 Libbe, Henry, stone producer, Toledo, O.  
 Libbey, F. B., sashes, doors & blinds, 3018 K, N. W., Washington, D. C.  
 Libbey Glass Co., Toledo, Ohio.  
 Libbey, H. S. & Co., contractors, 46 Cornhill, Boston, Mass.  
 Libbey, W. S., woolen carriage cloth, Lewiston, Me.  
 Libby, A. A., Sons Co., contractors, 10 Milk, Boston, Mass.  
 Libby, C. A., Co., stable fixtures, feed truck mfrs., etc., Oshkosh, Wis.  
 Libby, E. D., & Son, contractors, Portland, Me.  
 Libby, E. & Sons Co., lumber mfrs., Gorham, N. H.  
 Libby-Harlow & Co., collars, 250 Devonshire, Boston, Mass.  
 Libby, J. H., Co., contractors, 4500 Euclid av, Cleveland, Ohio.  
 Libby & Libby Co., contractors, 244 2d av S, Minneapolis, Minn.  
 Libby Lbr. Co., Libby, Mont.  
 Libby-McNeill & Libby, canned goods, 300 W. S. Water, Chicago, Ill., & Honolulu, Hawaii.  
 Libby, T., & L. D. Co., contractors, Temple ct, Minneapolis, Minn.  
 Liberman Mfg. Co., cigar machy., 248 N. 8th, Phila., Pa.  
 Liberty Brand Canning Co., Dover, Del.  
 Liberty Brass Works, machsts. & fndrs., Baltimore, Md.  
 Liberty Cut Glass Wks., Egg Harbor City, N. J.  
 Liberty Elec. Co., incandescent elec. lamps., 543 4th, Pittsburgh, Pa.  
 Liberty Fdry. Co., grey iron castings, 7601 Reilly av, St. Louis, Mo.  
 Liberty Incandescent Light Co., 7 Chatham sq, New York  
 Liberty Iron Pipe & Nipple Wks., 138 Center, New York  
 Liberty Iron Wks., 462 10th av, New York.  
 Liberty Mfg. Co., flue cutters, 6905 Susquehanna, Pittsburgh, Pa.  
 Liberty Milling Co., flour, Liberty, N. C.  
 Liberty Mills, flour, Nashville, Tenn.  
 Liberty Mirror Wks., hand, 6615 Kelly, Pittsburgh, Pa.  
 Liberty Motor Car Co., Ft. Lycaete av, Detroit, Mich.  
 Liberty Stove Co., machsts. & fndrs., 308 Chestnut, Phila., Pa.  
 Libman Constr. Co., 126 W. 46th, New York.  
 Libman, Wm., corn brooms, 1109 Blue Island av, Chicago, Ill.  
 Library Bureau, 43 Federal, Boston, Mass.  
 Licht, Adam, contractor, 80 Alyea, Newark, N. J.  
 Licht, Geo. A., architect, 126 E. 38th, New York.  
 Lichtenstein, Milton, architect, 111 Ellis, San Francisco, Cal.  
 Lichtenstein's, L., Sons, fish nets, Richmond, Va.  
 Lichtman, S., & Son, second hand bags, 21 Grey, Buffalo, N. Y.  
 Lichty, B. F., & Sons Co., cupolas, barns, cornices & skylights, Waterloo, Ia.  
 Licking Window Glass Co., Utica, Ohio.  
 Liddell Co., saw mill machy., agric'l implements, mill & facty. supplies, Charlotte, N. C.  
 Liddell, G. J., canned goods, Liberty Grove, Md.  
 Liddell, Jno., machst. & fndr., Omaha, Neb.  
 Lidderdale, A. E., machst., Junction City, O.  
 Lidgerwood Mfg. Co., steam & elec. hoists, etc., 96 Liberty, New York. *See adv index at end of book.*  
 Lidgerwood Mill Co., flour, Lidgerwood, N. D.  
 Lidseen, Gustav, machst., 224 N. Desplaines, Chicago, Ill.  
 Liebau, Hans, architect, Fulton, Jamaica, N. Y.  
 Liebbe, Nourse & Rasmussen, architect, Utica Bldg., Des Moines, Iowa.  
 Lieber, H., & Co., incandescent light chem., 14 Platt, New York.  
 Lieberman, Jos. L., Iron Co., scrap iron, 110 S. Dearborn, Chicago, Ill.  
 Lieberman, Loveman & O'Brien, lumber, Nashville, Tenn.  
 Lieberman & Sanford Co., architect'l & ornament. iron, 623 W. 57th, New York.  
 Lieberman Trunk Co., Saginaw, Mich.  
 Liebert, E. R., architect, Colby-Abbott Bldg., Milwaukee, Wis.  
 Liebert, Hans T., architect, Wausau, Wis.  
 Liebhardt, Wm. L., & Co., flannels, blankets, woolen, Middletown, Ind.  
 Liebig, Wm., & Co., mchsts., 96 Leland, Detroit, Mich.  
 Liebke, C. F. Hardware Mills & Lbr. Co., 2d & Buchanan, St. Louis, Mo.  
 Liebman, Ernest F., contractor, Fort Wayne, Ind.  
 Liebmann, R., Mfg. Co., metal buttons, 73 Bruen, Newark, N. J.  
 Liebold, H. Albin, architect, Denison blk., Toledo, Ohio.  
 Liebrick, Fred., concrete sockets, Monadnock Bldg., Chicago, Ill.  
 Liebstein, J., & Sons, scrap iron & steel, 1226 Broad, Newark, N. J.  
 Liedberg, Hugo J., architect, 154 W. Randolph, Chicago, Ill.  
 Lieker, Fred'k, contractor, Chattanooga, Tenn.  
 Leisch, Pierre A., architect, 213 Lexington av, Pittsburgh, Pa.  
 Liese & Ludwick, architects, Danville, Ill.  
 Liese Lumber Co., Belleville, Ill.  
 Liesinger, R. T. G., machsts., Ellicott sq, Buffalo, N. Y.  
 Liesum, Geo., & Co., arch'l modelers, etc., 228 E. 24th, New York.  
 Lietz, A., Co., engineers' chronometers, 61 Post, San Francisco, Cal.  
 Life-Photo Film Corp., 220 W. 42d, New York.  
 Life Saving Devices Co., 180 N. Market, Chicago, Ill.  
 Liger Mill Co., flour, Altus, Okla.  
 Liggett, J. W., & Son, machy. dlrs., 601 W. 5th, Kansas City, Mo.  
 Liggett Spring & Axle Co., Monongahela, Pa.  
 Light, A. L., scrap iron, Punxsutawney, Pa.  
 Light Draft Harrow Co., machsts. & fndrs., Marshalltown, Ia.  
 Light Mfg. & Foundry Co., castings mfrs., Pottstown, Pa.  
 Light Railway Equipment Co., Commercial Tr. Bldg., Phila., Pa.  
 Lighthiser, C. H., canned goods, 602 William, Baltimore, Md.  
 Lighthouse Canning & Packing Co., Cardova, Alaska.  
 Light's Journal, trade publication, 241 W. 37th, New York.  
 Lightner Bros., contractors, Cedar Rapids, Ia.  
 Lightner, N., granite producers, Gettysburg, Pa.  
 Lightning Letter Opener Co., Rochester, N. Y.  
 Lightning Mfg. Co., compounds, Cornish Flat, N. H.  
 Lightning Needle Co., pins, 564 B'way, New York.  
 Lightwell Steel Sash Co., window frames, Newport, Del.  
 Lignell, A. Werner, architect, Alworth Bldg., Duluth, Minn.  
 Lignum Chem. Wks., sawdust, Morgan av, Brooklyn, N. Y.  
 Ligonier Carriage Co., Ligonier, Ind.  
 Liken & Bach, lumber, Sebewaing, Mich.  
 Liken, John C., & Co., mill feed, Sebewaing, Mich.  
 Likly, Hy., & Co., trunks, traveling bags, Rochester, N. Y.  
 Likly & Rackett Trunk Co., 1365 Euclid av, Cleveland, Ohio.  
 Liles Bros., spokes, Forest, Miss.  
 Lillenthal Crockery Co., Atlanta, Ga.  
 Liljenberg, N. Edw., architect, Newhouse Bldg., Salt Lake City, Utah.  
 Lillard Milling Co., flour, Decatur, Tex.  
 Liller, W. A., Building Co., Keyser, W. Va.  
 Lilley, Geo. M., masons' & bldrs.' matls., Fairmont, W. Va.  
 Lilley, M. C., & Co., machsts. & fndrs., 6th & Long, Columbus, Ohio.  
 Lillie, Dexter P., Co., cotton waste, Indian Orchard, Mass.  
 Lillie Granite Co., Montpelier, Vt.  
 Lillie, O. E., brooms, Hiawatha, Kans.  
 Lilly, Arthur L., machsts., Rixford, Pa.  
 Lilly Bros., fndrs., Los Angeles, Cal.  
 Lilly Carriage Co., Memphis, Tenn.  
 Lilly, Chas. H., Co., fertilizer mfrs., Seattle, Wash.  
 Lilly Oil Mill Co., Cottonseed meal, Lilly, Ga.  
 Lilly & Stalnaker, wholesale hdwe., 114 E. Washington, Indianapolis, Ind.  
 Lilly Varnish Co., Indianapolis, Ind.  
 Lillyblad, Gust., lime mfrs., Red Wing, Minn.  
 Lily Cup Co., 120 B'way, New York.  
 Lima Cleaning Mach. Co., hand vacuum cleaners, Lima, Ohio.  
 Lima Cut Stone Co., Lima, Ohio.  
 Lima Locomotive Corp., locomotive bldrs., Lima, Ohio.  
 Lima Packing Co., meat packers, Lima, Ohio.  
 Limbacher Paint & Color Wks., 162 E. 35th, New York.  
 Limbach & Jeffrey, lumber, Cedar Rapids, Ia.  
 Limberg Enameling Co., sinks, etc., Florence & Symes, Cincinnati, Ohio.  
 Limbert, Chas. P., Co., mission lamps, Holland, Mich.  
 Limbert, Geo. B., Co., mill & facty. supplies, 558 Fulton, Chicago, Ill.  
 Limeburner, J. E., Co., optical instruments, Philadelphia, Pa.  
 Limerick, J. Arthur, Co., name plates, 960 N. Howard, Baltimore, Md.  
 Limeton Lime Co., Limeton, Va.  
 Limestone Mills, cotton sheetings, Gaffney, S. C.  
 Limoges China Co., Sebring, Ohio.  
 Limousine-Carriage Mfg. Co., auto. bodies, 3515 S. Michigan av, Chicago, Ill.  
 Linberger, Emil P., contractor, Youngstown, Ohio.  
 Linch, T. O., machsts' & bldrs.' matls., Gloville, Ga.  
 Linck, Jacob H., wholesale hdwe., Williamsport, Pa.  
 Lincoln Archl. Iron Co., Rockaway, N. J.  
 Lincoln Auto. Top Co., Lincoln, Neb.  
 Lincoln Bonding Co., rail bonds, 636 Huron rd, Cleveland, Ohio.  
 Lincoln & Boss Lumber & Coal Co., masons' & bldrs.' matrls., Willimantic, Conn.  
 Lincoln Casket Co., Lincoln, Ill.  
 Lincoln, Chas. H., architect, 6 Park av, Worcester, Mass.



- Lincoln Cornice & Metal Wks., Lincoln, Neb.  
 Lincoln Cotton Co., Evansville, Ind.  
 Lincoln Creek Lumber Co., Centralia, Wash.  
 Lincoln Electric Co., electric welding machines, dynamos & motors, 149 B'way, New York, & 38th & Kelly av, Cleveland, Ohio.  
 Lincoln Feed & Fuel Co., paste, Lincoln, Neb.  
 Lincoln Fixture & Supply Co., metal polish, Lincoln, Neb.  
 Lincoln Gas & Electric Light Co., Lincoln, Neb.  
 Lincoln, Geo. H., Co., machsts. & fndrs., 191 Old Colony av, S. B., Boston, Mass.  
 Lincoln, Ill., Collar Co., Lincoln, Ill.  
 Lincoln Iron Wks., Rutland, Vt.  
 Lincoln, L., & Co., paper & pulp mills, North Dighton, Mass.  
 Lincoln Metal Products Co., elec'l horns, Lincoln, Ill.  
 Lincoln Milling Co., flour, Lincoln, N. C.  
 Lincoln Mills, Inc., flour, Lincoln, Neb.  
 Lincoln Monument Co., stone producers, Lincoln, Ill.  
 Lincoln Motor Truck Co., 16 Alexandrine, E., Detroit, Mich.  
 Lincoln Packing Co., meat, Lincoln, Neb.  
 Lincoln Paint & Color Co., Dallas, Tex.  
 Lincoln Paint & Color Co., floor polish, Lincoln, Neb.  
 Lincoln Paper Co., Lincoln, Neb.  
 Lincoln Sash & Door Co., 1916 S. Laramee av, Chicago, Ill.  
 Lincoln-Steele-Fleming Co., contractors, 17 Madison av, New York.  
 Lincoln Stove Co., Fremont, Ohio.  
 Lincoln Tent & Awning Co., Lincoln, Neb.  
 Lincoln-Williams Twist Drill Co., cutters, drills, reamers, etc., Taunton, Mass.  
 Lincrusta Wks., plastic relief decorations, 121 E. 24th, New York.  
 Lind, C. E., contractor, Bellingham, Wash.  
 Lind, J., contractor, Galva, Ill.  
 Lind, Wm., contractor, Henry Bldg., Portland, Ore.  
 Lindahl, Hy., Mach. Co., 954 W. Lake, Chicago, Ill.  
 Lindale Canning Co., Lindale, Tex.  
 Lindauer-O'Connell Co., wood pulp, Little Rapids, Wis.  
 Lindauer Pulp Co., Kaukauna, Wis.  
 Lindbeck, Chas., contractor, Jamestown, N. Y.  
 Lindblad, K. F. M., elec. fixtures, 65 Sudbury, Boston, Mass.  
 Linde Air Products Co., oxygen mfrs., 42d St. Bldg., New York.  
*See adv index at end of book.*  
 Linde & Griffith Co., contractors, ft. 4th av, Newark, N. J.  
 Lindeberg, Harrie T., architect, 2 W. 47th, New York.  
 Lindell Die & Tool Co., Lansing, Mich.  
 Lindeman & Sons Piano Co., 599 11th, New York.  
 Lindemann, A. J., & Hoverson Co., stoves, 1st & Cleveland, Milwaukee, Wis.  
 Lindemann, O., & Co., animal cages, etc., 35 Wooster, New York.  
 Lindemans, Henry J., architect, McKeesport, Pa.  
 Lindemuth Engng. Co., heating contrs., York, Pa.  
 Linden Co., glass stainers, 1216 S. Michigan av, Chicago, Ill.  
 Linden Construction Co., Duluth, Minn.  
 Linden Lumber Co., Linden Heights, Ohio.  
 Lindenberg Steel Co., 90 West, New York.  
 Lindenhurst Mfg. Co., button mfrs., Lindenhurst, N. Y.  
 Lindemeyer, Ludwig, architect, 37 E. 28th, New York.  
 Lindenschmidt Co., archl. iron, machsts, etc., Evansville, Ind.  
 Linder Grader Co., road machs., Matthews, Ind.  
 Linder, H. J., machy., 50 Church, New York.  
 Linderman Mach. Co., Muskegon, Mich.  
 Lindermann Box & Veneer Co., Eau Claire, Wis.  
 Linderoth, S., & Co., architects, 7900 S. Halsted, Chicago, Ill.  
 Lindgren Co., contractors, Monadnock Bldg., San Francisco, Cal.  
 Lindholm Metal Stamping Co., lubricators, oil & grease cups, Camden, N. J.  
 Lindhout, Pierre, architect, Ashton Bldg., Grand Rapids, Mich.  
 Lindl, Joseph, architect, Kenosha, Wis.  
 Lindsey, Arthur G., architect, Hollingworth Bldg., Los Angeles, Cal.  
 Lindley Box & Paper Co., Gas City, Ind.  
 Lindley, Chas. D., machsts. & fndrs., Olympia, Wash.  
 Lindley, Geo. W., tex. machy. (lace machines), (winders hos- iery), 5122 Wakefield, Gtn., Philadelphia, Pa.  
 Lindley Mfg. Co., mosquito netting, Tusculum & A, Phila., Pa.  
 Lindley, Thomas F., drain tile, Kempton, Ind.  
 Lindley, W. H., Co., gasoline strainers, Canastota, N. Y.  
 Lindloff, H. C., sweaters, cardigans, etc., Bennington, Vt.  
 Lindner, P. S., & Co., masons' & bldrs.' matls., Sandwich, Ill.  
 Lindner & Vradenburgh, machsts. & fndrs., textile machy., 239 Centre, New York.  
 Lindow, W. J., machinist, Napa, Cal.  
 Linguist, Fred'k F., architect, 179 W. Washington, Chicago, Ill.  
 Lindsay, Andrew, architect, 37 Liberty, New York.  
 Lindsay Bros., agricultural implements, 78 Reed, Milwaukee, Wis.  
 Lindsay, D. M., wagon & carriage spokes, Newport, Tenn.  
 Lindsay, F. L., architect, Long Beach, Cal.  
 Lindsay, Hyde & Co., machsts., 2130 E. York, Philadelphia, Pa.  
 Lindsay, J. C., Hardware Co., 12 Sth, Pittsburgh, Pa.  
 Lindsay, J. L., machinery dealers, Richmond, Va.  
 Lindsay, J. R., architect, Kennedy Heights, Cincinnati, Ohio.  
 Lindsay, James, architect, Bridgeport, Ohio.  
 Lindsay, Jas. G., & Co., steel struct. dlrs., Commercial Trust Bldg., Philadelphia, Pa.  
 Lindsay, John C., & Co., fndrs., Burlington, N. J.  
 Lindsay, Jno. L., mill & facty. supplies, 1321 E. Main, Richmond, Va.  
 Lindsay Light Co., mantles, 161 E. Grand av, Chicago, Ill.  
 Lindsay Mfg. Co., handles—wood, Ottumwa, Ia.  
 Lindsay, W. W., & Co., steel structural, chaplets, foundry, Harrison Bldg., Phila., Pa.  
 Lindsay Wagon Co., Laurel, Miss.  
 Lindsay, Wm. P., lime, Texas, Md.  
 Lindsay Wire Weaving Co., 14025 Aspinwall, Cleveland, Ohio.  
 Lindsborg Milling & Elevator Co., Lindsborg, Kans.  
 Lindsey, Arthur G., architect, Kenilworth, Washington, D. C.  
 Lindsey, Geo., architect, Greenville, Tex.  
 Lindsey, Jas. C., Hardware Co., 12 Sth, Ptg., Pa.  
 Lindsey Lumber Co., Laurel, Miss. & Pollard, Ala.  
 Linskog Auto Carriage & Wagon Wks., 3522 Vinc av, Chicago, Ill.  
 Lindsey, Robinson, & Co., flour mills, Roanoke, Va.  
 Linsley Bros. Co. (The), ties, poles & posts, cross arms, etc., 72 West Adams, Chicago, Ill., & Spokane, Wash.  
 Linsley, John N., steam fitters' supplies, Orange, N. J.  
 Lindstrom & Almars, architects, Plymouth Bldg., Minneapolis, Minn.  
 Lindstrom, C., machinist, El Campo, Tex.  
 Lindstrom Die, Tool & Gauge Works (Inc.), special machinery & tools, Bridgeport, Conn.  
 Lindstrom-Handforth Lumber Co., Tacoma, Wash.  
 Lindstrom & Oren, contractors, Billings, Montana.  
 Lindstrom Ship Building Co., Aberdeen, Wash.  
 Lindstrom-Smith Co., elec. cooking app., 1104 S. Wabash av, Chicago, Ill.  
 Line-a-Time Mfg. Co., copy holders, 277 B'way, New York.  
 Line Material Co., guy anchors & wire connectors, pole line, hdwe., etc., South Milwaukee, Wis.  
 Linebaugh, W. A., flour mills, Clinton, Tenn.  
 Linehan, Chas., contractor, Cambridge, Mass.  
 Lineham, P., & Sons, stone, Greystone, N. C.  
 Linemen Protector Co., shields, shoes & cross arm protectors, Detroit, Mich.  
 Linen Thread Co., twine, etc., 96 Franklin, New York.  
 Linenfelser Brick & Tile Co., Maybee, Mich.  
 Lineograph Co., duplicators, 112 Fulton, New York.  
 Lines, H. Wales, Co., masons & bldrs.—contrs., Meriden, Conn.  
 Ling Packing Co., canned goods, Newburyport, Mass.  
 Lingerman Bros., brick, Brownsburg, Ind.  
 Lingle Mfg. Co., elec. cable hangers, Clinton, Mo.  
 Lingler, Wm. D., architect, Hamilton, Ohio.  
 Lingo-Leeper Co., masons & bldrs.' matls., Denison, Tex.  
 Lingo, R. D., & Co., canned goods, Daysboro, Del.  
 Lingsweller, J. G., Lumber Co., Lebanon, Mo.  
 Linhart, S. A., sash, door & blind, Bloomdale, Ohio.  
 Linhoff, Peter J., architect, Ger. Life Bldg., St. Paul, Minn.  
 Linihan, M. E., machinist, Kalamazoo, Mich.  
 Link, A. F., architect, 407 N. Craig, Ptg., Pa.  
 Link, Anthony, contractor, 654 South, Rochester, N. Y.  
 Link Belt Co., 39th & Stewart av, Chicago, Ill. & Hunting Park av & P. & R. Ry., Philadelphia, Pa.  
*See adv index at end of book.*  
 Link Belt Supply Co., 410 S. 3d, Minneapolis, Minn.  
 Link Chain Co., Williamsport, Pa.  
 Link, D. C., & Co., oils & tallow, Produce Exch., New York.  
 Link, H. W., contractor, Dallas, Tex.  
 Link & Haire, architects, Butte, Mont.  
 Link, J., & Son, cornices & skylights, 1918 East, Pittsburgh, Pa.  
 Link Milling Co., flour, Springfield, Mo.  
 Link, Newcomb Mill & Lumber Co., Bentonla, Miss.  
 Link, Theodore C., & Son, archts., Carlton Bldg., St. Louis, Mo.  
 Linke, T., water portable filters, 235 W. 46th, New York.  
 Linkenheil Planing Mill Co., 182 E. Columbus, Columbus, Ohio.  
 Linker, Wm., Co., contractors, 831 Cherry, Philadelphia, Pa.  
 Linkman, M., & Co., pipes, 323 Wells, Chicago, Ill.  
 Linn-Benton Co-operative Growers' Assn., canned goods, Albany, Ore.  
 Linn County Lumber & Coal Co., masons' & bldrs.' matls., Cedar Rapids, Ia.  
 Linn Mills Co., twine, Landis, N. C.  
 Linn, V., & Son, carriages, 49 Bergen, Brooklyn, N. Y.  
 Linn Woolen Co., steamer rugs, Hartland, Me.  
 Linney, W. T., cornices, Fort Plain, N. Y.  
 Lino Paint Co., 16908 Waterloo rd, Cleveland, Ohio.  
 Linograph Co., machy., Davenport, Ia.  
 Linsell Co., contractors, 370 Fort W., Detroit, Mich.  
 Linstrom, R. S., architect, 237 S. 5th av., Chicago, Ill.  
 Linstroth Wagon Co., 2616 Chouteau av, St. Louis, Mo.  
 Lin-Stun Co., switch bases, 5010 Gloster, Pittsburgh, Pa.  
 Linthicum, Hill C., & H. Colvin, architects, Durham, N. C.  
 Linton & Co., gold & plumbers' solder, etc., 95 Pine, Providence, R. I.  
 Linton Mach. Co., 26 Cortlandt, New York.  
 Linton Mill Co., rivet, Linton, Ind.  
 Lintz Bros. Mach. Wks., Fort Branch, Ind.  
 Linville Graphite Co., Linville, Ala.  
 Linville Lime Co., Linville, Va.  
 Linwood Construction Co., Marine Nat. Bk. Bldg., Buffalo, N. Y.  
 Linwood Quarries Co., Davenport, Ia.  
 Lion Buggy Co., auto. truck trailers, etc., C. H. & D. R. R., nr. Gest, Cincinnati, Ohio.



- Lion Hardware Co., Springfield, Ohio.  
 Lion Tractor Co., engines, 638 Sec Bk. Bldg., Minneapolis, Minn.  
 Lion Varnish Wks., Glendale Station, N. Y.  
 Lionel Mfg. Co., elec. toys, games & nov., 48 E. 21st, New York.  
 Lipe, W. C., machsts., Syracuse, N. Y.  
 Lipes, S. H., canned goods, Springwood, Va.  
 Lipman Air Appliance Co., Beloit, Wis.  
 Lipman Mfg. Co., pumps, Beloit, Wis.  
 Lipp, Louis, Co., plumbers' goods, Mitchell av & B. & O. Ry., Cincinnati, Ohio.  
 Lippard-Stewart Motor Car Co., Buffalo, N. Y.  
 Lippe & Co., picture frame moulding, 329 E. 29th, New York.  
 Lippe Contrg. Co., 52 Vanderbilt av, New York.  
 Lipper & Laisy, contractors, 3704 W. Wash., Los Angeles, Cal.  
 Lippert, E. T., Saw Co., Millvale, Pa.  
 Lippert, F. G., architect, 132 Nassau, New York.  
 Lippert & Rhenstrom, machsts., Kenosha, Wis.  
 Lippincott, A. H., & F. H., soda water fountains, 24th & Locust, Philadelphia, Pa.  
 Lippincott, Clement G., masons' & bldrs.' matls., Salem, N. J.  
 Lippincott Co., canned goods, Cincinnati, Ohio.  
 Lippincott, Edwin, brick, Farmindeale, N. J.  
 Lippincott Glass Co., arc lamp globes, etc., Greenwood Bldg., Cincinnati, Ohio.  
 Lippincott, Mrs. J. W., canned goods, Salem, N. J.  
 Lippincott, Thos. B., architect, St. Girard Bldg., Phila., Pa.  
 Lippman & Sugarman, chemists, 135 Stockton, San Fran., Cal.  
 Lippold Valve Co., Erie, Pa.  
 Lipscomb, H. G., & Co., wholesale hdwe., Nashville, Tenn.  
 Lipscomb, Wm. P., & Co., contractors, 1405 F, N. W., Washington, D. C.  
 Liquid Carbonic Co., pneu. spray brushes, 3100 S. Kedzie av, Chicago, Ill.  
 Lisbon Cement Co., Lisbon, Ohio.  
 Lisbon Lime Co., Lisbon, Ohio.  
 Lisby & Masten, contractors, Coatesville, Ind.  
 Lisenby Mfg. Co., machinery, Fresno, Cal.  
 Lisk Mfg. Co. (Ltd.), baskets, cans, lanterns, etc., Canandaigua, N. Y.  
 Lisle-Dunning Constr. Co., Oklahoma, Okla.  
 Lisle Mfg. Co., machsts. & fndrs., Clarinda, Ia.  
 Lisotto, E., architect, 6413 Deary, Pittsburgh, Pa.  
 Lissa, Hy., & Co., trunk mfrs., 595 B'way, New York.  
 Lissberger, B., & Co., babbitt metal, plumbers', etc., solder, 233 Broadway, New York.  
 Lissberger, Marks, & Son, smelters & refiners, 281 Borden av, Long Island City, New York.  
 List, Alex., & Sons, contractors, 105 W. 40th, New York.  
 List & Gifford Construction Co., Dwight Bldg., Kansas City, Mo.  
 List, J., & Son, soap, 1776 N. Hancock, Philadelphia, Pa.  
 Lister & Fee, archtl. & ornamental iron, 42 S. 8th, B'klyn, N. Y.  
 Lister, Jos., glue mfrs., 2429 Elston av, Chicago, Ill.  
 Lister's Agricultural Chem. Wks., glue, fertilizer mfrs., Lister av, Newark, N. J.  
 Listman Mill Co., wheat flour, La Crosse, Wis.  
 Litch, L. D., Building Co., 7 Berkeley, Lynn, Mass.  
 Litchfield Bros., lumber, North Vernon, Ind.  
 Litchfield Bros., masons' & bldrs.' matls., Planagan, Ill.  
 Litchfield, Electus D., architect, 477 5th av, New York.  
 Litchfield Foundry & Machine Co., Litchfield, Ill.  
 Litchfield Mfg. Co., agricultural implements, Waterloo, Ia.  
 Litchfield, Metzner & Co., contractors, Louisville, Ky.  
 Litchfield, Orin E., granite, Fitchburg, Mass.  
 Litchfield Shuttle Co., tex. machy., supplies, etc., Southbridge, Mass.  
 Litchfield, Wm. E., lumber, 70 Kilby, Boston, Mass.  
 Litchfield Woolen Mills Co., Litchfield, Minn.  
 Litherland & Abrey Co., contractors, Beck Bldg., Portland, Ore.  
 Littejohn, L., & Co., crude rubber, 138 Front, New York.  
 Littell, Geo. S., brick, Greensburg, Ind.  
 Litterer Bros. Mfg. Co., sinks & sheet metal goods, 154 Whiting, Chicago, Ill.  
 Littig Construction Co., Davenport, Ia.  
 Little, A. P., carbon paper, etc., Rochester, N. Y.  
 Little Androscoggin Water Power Co., cotton sheetings, Auburn, Me.  
 Little, Arthur D., Inc., chemists, 93 Broad, Boston, Mass.  
 Little & Browne, architects, 70 Kilby, Boston, Mass.  
 Little, Chas. H., Co., masons' & bldrs.' matls., Dock River Rouge, Detroit, Mich.  
 Little, Chute Paper & Fibre Co., Little Chute, Wis.  
 Little & Coffin Oil Co., Portland, Me.  
 Little, Edmund C., architect, Cen. Nat. Bk. Bldg., St. Louis, Mo.  
 Little Falls Felt Shoe Co., Little Falls, N. Y.  
 Little Falls Fibre Co., wood felts, Little Falls, N. Y.  
 Little Falls Paper Co., Newburgh, N. Y.  
 Little, G. H., machsts., Peabody, Mass.  
 Little Giant Mfg. Co., pruning shears, Saugatuck, Mich.  
 Little Giant Punch & Shear Co., Sparta, Ill.  
 Little, Hy. H., architect, 56 Norwood av, Buffalo, N. Y.  
 Little, J. H., tubs—butter, Arlington, Ia.  
 Little, J. R., Metal Wheel Co., Quincy, Ill.  
 Little, J. W., spokes, Paducah, Ky.  
 Little, Jno. J., lumber, Land Title Bldg., Philadelphia, Pa.  
 Little, Jos., spokes (wagon), Kennett, Mo.  
 Little, Mathew A., contractor, 2640 Jackson, San Fran., Cal.  
 Little Mountain Oil & Fertilizer Co., Little Mountain, S. C.  
 Little & O'Connor, architects, 103 Park av, New York.  
 Little & Phillips, contractors, Cordele, Ga.  
 Little River Lumber Co., Franklin Bank Bldg., Philadelphia, Pa.  
 Little River Mfg. Co., cordage & twine, Willardville, N. C.  
 Little River Redwood Co., Bulwinkle, Cal.  
 Little Rock Furniture Mfg. Co., Little Rock, Ark.  
 Little Rock Mattress Co., Little Rock, Ark.  
 Little Rock Tent & Awning Co., Little Rock, Ark.  
 Little Rock Trunk & Gag Co., Little Rock, Ark.  
 Little & Russell, architects, 45 Bromfield, Boston, Mass.  
 Little, Thos. A., water motors, Wheeling, W. Va.  
 Little, Thos., & Son, contractors, 1713 Moravian, Phila., Pa.  
 Little, Wm., concrete slag, Conshohocken, Pa.  
 Little Wolf River Lumber Co., Manawa, Wis.  
 Little & Zenzen, contractors, 284a Quail, Albany, N. Y.  
 Littlefield, Alvord, & Co., machy., 26 & D, N. W., Wash., D. C.  
 Littlefield, Clark Co., machsts., Mutual Life Bldg., Buffalo, N. Y.  
 Littlefield, H. A., & Co., armatures West Lynn, Mass.  
 Littlefield, Sidney, lumber mfr., Centralia, N. Y.  
 Littlefield, Walter T., architect, 9 Hamilton pl, Boston, Mass.  
 Littlefard Bros., steel tanks, etc., 444 E. Pearl, Cincinnati, O.  
 Littleford, Geo., lbr., 1768 Central av, Cincinnati, Ohio.  
 Littlejohn, Odgers & Milne, granite, Barre, Vt.  
 Littleton Lbr. Co., sashes, doors & blinds, Littleton, N. H.  
 Littleton, T. R., & Son, machsts. & fndrs., Fredericktown, Mo.  
 Litzelman, T. J., architect, Williamsport, Pa.  
 Litzmann, Paul, architect, 1119½ Congress av, Houston, Tex.  
 Liver, C. B., & Co., refrigerators, Omaha, Neb.  
 Livermore Falls Pulp Co., Plymouth, N. H.  
 Livermore Fire Brick Co., Livermore, Cal.  
 Livermore, H. F., Co., mill & facty. supplies, 85 Pearl, Boston, Mass.  
 Livermore, Hy. H., lbr., Wilton, N. H.  
 Livermore & McWayne, architects, Sioux Falls, S. D.  
 Livermore, Norman B., & Co., contractors' tools & supplies & machy. dtrs., National Bank Bldg., San Francisco, Cal.  
 Livick, A. J., contractor, Staunton, Va.  
 Living-Stone Co., bond concrete, Law Bldg., Baltimore, Md.  
 Livingston, Jas., machsts. & fndrs., Marathon, N. Y.  
 Livingston, Jas., plumbers' marble wks., 163 E. 88, New York.  
 Livingston, Jas., Flax Co., Ltd., Yale, Mich.  
 Livingston Roller Mill Co., flour, Livingston, Tenn.  
 Livingstone Grain Co., Lowell, Mass.  
 Livingston Mfg. Co., machsts. & fndrs., Rockland, Me.  
 Lizotte, Joseph, contractors, Manchester, N. H.  
 Llewellyn & Doyle, machsts., Pearl & Hickory, Syracuse, N. Y.  
 Llewellyn Iron Wks., Los Angeles, Cal.  
 Llewellyn, Jos. C., architect, 1st Nat. Bk. Bldg., Chicago, Ill.  
 Llewellyn, Ralph C., architect, 1st Nat. Bk. Bldg., Chicago, Ill.  
 Lloyd Bros. Co., stone producers, W. Central & Auburs avs, Toledo, Ohio.  
 Lloyd, C. Howard, architect, Telegraph Bldg., Harrisburg, Pa.  
 Lloyd Co., mill & facty. supplies, Everett, Wash.  
 Lloyd Construction Co., 860 Greenwood av, Detroit, Mich.  
 Lloyd-Garrett Co., elec. light fix mfrs., 15th & Locust, Phila., Pa.  
 Lloyd, Geo. H., tin plate, metals, etc., 131 State, Boston, Mass.  
 Lloyd, H., Bldg. & Constr. Co., Odd Fellows Bldg., St. Louis, Mo.  
 Lloyd, J. E., & Sons, carriages, Rockford, Ohio.  
 Lloyd Mfg. Co., fireworks, 22 Park pl, New York.  
 Lloyd Mfg. Co., machsts. & fndrs., Menominee, Mich.  
 Lloyd Metal Co., Houston, Tex.  
 Lloyd & Moore Canning Co., Blades, Del.  
 Lloyd, Percival N., landscape archt., Poughkeepsie, N. Y.  
 Lloyd, R. I., metallurgical engrs., 29 B'way, New York.  
 Lloyd, Richard G., & Co., contractors, Utica, N. Y.  
 Lloyd, Sam'l, & Co., lbr., Girard Bldg., Philadelphia, Pa.  
 Lloyd, T. C., contractor, Oxford, Ohio.  
 Lloyd, W. H., roofing slate mfr., Fair Haven, Vt.  
 Lloyd, W. H., & Co., wall paper importers, 529 S. Wabash av, Chicago, Ill.  
 Lloyd, Wm. M., Co., lumber, Ridge av, c. N. 29th, Phila., Pa.  
 Lloyed, W. H. S., Co., wall paper mfrs., enamel, etc., 105 W. 40th, New York.  
 Lloyds Packing Co., canned goods, Lloyds, Md.  
 L. & M. Rubber Co., gloves, Carrollton, Ohio.  
 Lobb, C. A., & Sons, masons' & bldrs.' matls., Devon, Pa.  
 Lobb, Perry & Co., roofing slate mfrs., Danielsville, Pa.  
 Lobdell Car Wheel Co., chilled rolls, etc., Wilmington, Del.  
 Lobdell, Emery, Mfg. Co., lumber, Onaway, Mich.  
 Lobe Pump & Machy. Co., 111 Dearborn, Buffalo, N. Y.  
 Lobenstein, Geo. J., architect, 230 Martense, Brooklyn, N. Y.  
 Lober Art Brass & Spec. Co., 124-30 11th, Toledo, Ohio.  
 Loberg Milling Co., flour, Nelsonville, Wis.  
 Lobin Distilling Co., 114 Market, St. Louis, Mo.  
 Lobinger, Martin, contractor, Youngstown, O.  
 Lobnitz Co., sash, door & blind, 1714-22 Cleneay av., Norwood, O.  
 Lobo, Arthur, architect, 105 W. 40th, New York.  
 Locatelli, J. E., Co., contractors, 46 Cornhill, Boston, Mass.  
 Lochridge, H. H., architect, Long Beach, Cal.  
 Lock City Mfg. Co., sash, door & blind mfrs., Sault Sainte Marie, Mich.  
 Lock Haven Fire Brick Co., Lock Haven, Pa.  
 Lock Haven Silk Co., umbrella cloth, Lock Haven, Pa.  
 Lock Joint Pipe Co., 165 Broadway, New York.  
 Lock Rail Iron Bedstead Co., mchsts. & fndrs., Tacoma, Wash.  
 Lock Singletree Co., Paducah, Ky.  
 Lockard, E. M., contractor, Indiana, Pa.



- Locke, A. W. S., masons' & bldrs.' matls., Eldorado, O.  
 Locke Coal Co., masons' & bldrs.' matls., Malden, Mass.  
 Locke Cotton Mills Co., Concord, N. C.  
 Locke, Miss Harriet F., architect, Nashua, N. H.  
 Locke Insulator Mfg. Co., clamps, Victor, N. Y.  
 Locke, L. E., contractor, Lawrence, Mass.  
 Locke, Moore & Co., Ltd., lumber, Westlake, La.  
 Locke, R. A., flour mills, Lynchburg, Tenn.  
 Locke Regulator Co., Salem, Mass.  
 Locke Steel Belt Co., Bridgeport, Conn.  
 Locke, Stevens & Co., plumbers' supplies, jobbers, 94 Warren-ton, Boston, Mass.  
 Lockett, A. M., & Co., Ltd., contractors, Houston, Tex.  
 Lockett Crimping Mach. Co., 77 Summer, Boston, Mass.  
 Lockey & Todd, contractors, Munsey Bldg., Baltimore, Md.  
 Lockhart, Geo. L., architect, Endicott Bldg., St. Paul, Minn.  
 Lockhart, H. A., contractor, Chamber of Commerce Bldg., Bir-mingham, Ala.  
 Lockhart-Hodge Co., guards & safety devices, White Bldg., Buf-falo, N. Y.  
 Lockhart Iron & Steel Co., McKees Rocks, Pa.  
 Lockhart Mills, sheetings, cotton, Lockhart, S. C.  
 Lockhart Oil & Gin Co., meal, Lockhart, Tex.  
 Lockhart, R. James, pipe grips, 201 Millvale, Pittsburgh, Pa.  
 Lockland Lumber Co., Benson & Mill, Lockland, O.  
 Lockomotive Superheater Co., 30 Church, New York.  
 Lockport Canning Co., Lockport, N. Y.  
 Lockport Central Sugar Refining Co., Lockport, La.  
 Lockport Cotton Batting Co., Lockport, N. Y.  
 Lockport Glass Co., milk jars & bottles, Lockport, N. Y.  
 Lockport Machine Co., paper bag machinery, Lockport, N. Y.  
 Lockport Paper Co., Lockport, N. Y.  
 Lockport Textile Co., towels, Lockport, N. Y.  
 Lockward, Lynn G., architect, Caldwell, N. J.  
 Lockwood & Almqvist, self winding clocks, 112 E. 19th, New York.  
 Lockwood, Arth. J., steel struct'l dls., 260 West, New York.  
 Lockwood Ash Motor Co., marine engines, Jackson, Mich.  
 Lockwood, B. F., masons' & bldrs.' matls., Lyons, N. Y.  
 Lockwood, Brackett & Co., soap, 222 State, Boston, Mass.  
 Lockwood, Chas. H., architect, 171 Westminster, Providence, R. I.  
 Lockwood Co., cotton sheetings, Waterville, Me.  
 Lockwood Co., wholesale hardware, 16 Reade, New York.  
 Lockwood, David T., stone producers, workers & dealers, 280 Broadway, New York.  
 Lockwood, Frank, architect, 121 Adams, Montgomery, Ala.  
 Lockwood, Greene & Co., architects, 101 Park av, New York;  
 60 Federal, Boston, Mass., & Healey Bldg., Atlanta, Ga.  
 Lockwood, Gus, contractor, Paducah, Ky.  
 Lockwood, Jesse H., architect, 117 Gates av, Montclair, N. J.  
 Lockwood, John B., cornices & skylights, North Manchester, Ind.  
 Lockwood-Luetkemeyer-Henry Co., who. h'dwe, mill, factory & steam fitters' supplies, 725 Superior av, N. W., Cleveland, O.  
 Lockwood Mfg. Co., mchsts. & fdrs., 65 Sumner, E., Boston, Mass., & South Norwalk, Conn.  
 Lockwood & Strickland Co., sash, door & blind mfrs., 49th & Halsted, Chicago, Ill.  
 Lockwood, T. F., architect, Columbus, Ga.  
 Locomobile Co. of America, automobile bldrs., Bridgeport, Conn.  
**LOCOMOTIVE CRANE CO.,** Bucyrus, Ohio.  
*See adv index at end of book.*  
 Locomotive Finished Material Co., Atchison, Kans.  
 Locomotive Stoker Co., Schenectady, N. Y.  
 Locomotive Super Heater Co., mchsts., East Chicago, Ind.  
 Locust Pin Co., insulator & brackets, Front Royal, Va.  
 Lodge Mfg. Co., mchsts. & fdrs., So. Pittsburg, Tenn.  
 Lodge, Martin P., stone producers, wkrs. & dls., 532 W. 44th, New York.  
 Lodge & Shipley Machine Tool Co., 3059 Colerain av, Cincin-nati, O.  
 Lodge, W. F., masons' & bldrs.' matls., Monticello, Ill.  
 Lodge, Wm. J., architect, 749 Broadway, Bayonne, N. J.  
 Loeb Bros., contractors, Dubois, Pa.  
 Loeb Hardware Co., Montgomery, Ala.  
 Loeb, Laurence M., architect, 37 E. 28th, New York.  
 Loeb, Leopold, & Sons, masons' & bldrs.' matls., Morgan City, La.  
 Loebecke, Robt., architect, Columbia Bldg., Duluth, Minn.  
 Loeber, H. G., Co., soda water fountains, 151 E. 126th, New York.  
 Loebke, Herman G., cornices, Troy, N. Y.  
 Loeffelholz Co., brass foundry, 170-182 Clinton, Milwaukee, Wis.  
 Loeffler, Louis J., telephone switchboards, 20 Fulton, New York.  
 Loeffler, Otto, architect, 14 Jackson, Stapleton, N. Y.  
 Loeffler, Theo. J. M., cornices & skylights, Toledo, O.  
 Loehler, G. G., Co., contractors, Franklin Natl. Bank Bldg., Washington, D. C.  
 Loeper, Anton, & Sons, store fixtures, Ashland, Pa.  
 Loesch, H. C., carriages, Colo. Springs, Colo.  
 Loescher, J., Tannery Co., harness lthr., Muskegon, Mich.  
 Loetscher-Ryan Mfg. Co., h'dwe specialties, Jones, Dubuque, Ia.  
 Loetzer Valve & Mfg. Co., Monroeton, Pa.  
 Loew Mfg. Co., bottle cleaning & brewers' machy., 9100 Mad-ison av, N. W., Cleveland, O.  
 Loewenstein & Sons, wholesale hardware, Charleston, W. Va.  
 Loewenthal Co., scrap iron, steel & rubber, 23 Heyward, Brook-lyn, N. Y.  
 Loewenthal, Gustav, Co., sash, door & blind, Middletown, Conn.  
 Loewer, John E., wire & iron works, 914 Campbell, Kansas City, Mo.  
 Loew's, John A., Sons, cornices, Braddock, Pa.  
 Loffland Bros., machinists, Woodfield, O.  
 Loeffler, A., Provision Co., Bennings, D. C.  
 Lofgren, Wm. R., architect, Quincy, Mass.  
 Lofquist, Jno., architect, 742 Market, San Francisco, Cal.  
 Loftus, John, contractor, 283 May, Worcester, Mass.  
 Loftus, Martin, brick, Jefferson, O.  
 Logan, A. F., & Co., contractors, Youngstown, O.  
 Logan, A. J., Co., mattresses, 29th & Liberty, Pittsburgh, Pa.  
 Logan Brick & Lime Co., Logan, Utah.  
 Logan Bros., contractors, Tampa, Fla.  
 Logan, C. A., architect, Beaumont, Tex.  
 Logan Carriage & Auto Co., Parkersburg, W. Va.  
 Logan Clay Product Co., Logan, O.  
 Logan Coal & Supply Co., masons' & bldrs.' matls., Jackson-ville, Fla.  
 Logan Constr. Co., 1428 Rockland, Phila., Pa.  
 Logan County Cotton Oil Co., Paris, Ark.  
 Logan, Edw., Mach. Co., machsts., Trenton, N. J.  
 Logan Fdry. & Machine Co., Logan, O.  
 Logan & Giertz Construction Co., Elgin, Ill.  
 Logan-Gregg Hardware Co., 121 9th, Ptg., Pa.  
 Logan Iron & Steel Co., rolling mills, Morris Bldg., Phila., Pa.  
 Logan Iron Wks., steel wk. & boilers, 54 Commercial, Brooklyn, N. Y.  
 Logan, J. J., contractor, Clinton, Ia.  
 Logan, J. M., Lumber Co., Knoxville, Tenn.  
 Logan, J. W., & Sons Co., lumber, Parnassus, Pa.  
 Logan, John A. & W. B., masons' & bldrs.' matls., Paris, Ill.  
 Logan-Moore Lumber Co., R. A. Long Bldg., Kansas City, Mo.  
 Logan Pottery Co., Logan, O.  
 Logan & Rankin, architects, Rockefeller Bldg., Cleveland, O.  
 Logan, Swift & Brigham, envelopes, Worcester, Mass.  
 Logan & Whaley, cornices & skylights, Marshall, Tex.  
 Logan, Wm. S., masons' & bldrs.' matls., Paris, Ill.  
 Logansport Boiler & Mach. Wks., Logansport, Ind.  
 Logansport Carriage Works, Logansport, Ind.  
 Logansport Distillery Co., Logansport, Pa.  
 Logansport Furniture Co., piano benches, Logansport, Ind.  
 Logansport Oxygen Co., Logansport, Ind.  
 Logansport Radiator & Equipment Co., Logansport, Ind.  
 Logansport Stone & Const. Co., Huntington, Ind.  
 Logeman, F. H., Chair Mfg. Co., 2000 N. Main, St. Louis, Mo.  
 Logeman Bros. Co., baling presses, 3130 Burleigh, Milwaukee, Wis.  
 Loggie, A. & R., canned goods, Columbia Falls, Me., & Island Pond, Vt.  
 Logie, Alex., & Co., bags & bagging, 2 Rector, New York.  
 Logie, Jam., & Co., bags & burlap, Produce Exchange, New York.  
 Logue, Chas., Building Co., 18 Tremont, Boston, Mass.  
 Lohman, H. J., architect, McKeesport, Pa.  
 Lohman, J. A., architect, Monessen, Pa.  
 Lohrey, Henry, meat packers, 2234 E. N. Side, Pittsburgh, Pa.  
 Lohrey & Moellering, meat pkrs., 2151 Kendel av, Cincinnati, O.  
 Lohrey Packing Co., meat, 2827 Mass., C. W., Cincinnati, O.  
 Lohse Brick Co., Common, Seattle, Wash.  
 Lohse, H., Co., cornices, Evansville, Ind.  
 Lohse, John, contractor, Winona, Minn.  
 Lohse, M., & Son, masons' & bldrs.' matls., Boonville, Mo.  
 Lohse Patent Door Co., St. Louis, Mo.  
 Loisel, Jos., sash, door & blind mfrs., Cloquet, Minn.  
 Loiseaux, Joshua D., Lumber Co., Plainfield, N. J.  
 Loma Prieta Lumber Co., New Bank Bldg., San Francisco, Cal.  
 Loma Ranch, canned goods, Fall Brook, Cal.  
 Lombard Brick & Tile Co., Lombard, Ill.  
 Lombard & Co., grindstones & pulp stones, 236 A, Boston, Mass.  
 Lombard Governor Co., Ashland, Mass.  
 Lombard Iron Works & Supply Co., Augusta, Ga.  
 Lombard, John T., lumber, Hastings, Mich.  
 Lombard & Ludwig, decorators, 309 14th, N. W., Washington, D. C.  
 Lombard Mach. Co., Worcester, Mass.  
 Lombard Traction Engine Co., mchsts., Waterville, Me.  
 Lombardi Constr. Co., Lincoln Bldg., Philadelphia, Pa.  
 Lombardi Motor Co., battery connectors, Derby, Conn.  
 Lomley, L. F., & Son, common brick, Strasburg, Va.  
 Lonaka, V. A., Co., piston rings, Indianapolis, Ind.  
 Londeluis, C. A., & Sons Co., water heaters, wall ties, joist hangers, etc., 847 W. 63d, Chicago, Ill.  
 London Auto Supply Co., windshields, 2540 S. Wabash av, Chi-cago, Ill.  
 London, Geo. G., Mfg. Co., shoe counters, Lynn, Mass.  
 London Guarantee & Accident Co., employers' liability ins., 55 John, New York.  
 London Guarantee & Accident Co., insurance, 134 La Salle, Chi-cago, Ill.  
 London Knitting Mills, sweaters, cardigans, etc., 371 Quincy, Brooklyn, N. Y.  
 London Mfg. Co., masons' & bldrs.' mtl., London, Ky.  
 London, N., brass, copper, iron & steel scrap, 263 Front, New York.  
 London & Sack, electrotype metals, etc., 259 Front, New York.  
 London-Savannah Naval Stores Co., Savannah, Ga.  
 London Wine & Spirit Co., distillers, 14 Water, New York.



- Lone Mountain Milling Co., flour, Lone Mountain, Tenn.  
 Lone Oak Cotton Oil & Gin Co., meal, Lone Oak, Tex.  
 Lone Star Culv. Co., Houston, Tex.  
 Lone Star Oil Co., Houston, Tex.  
 Lone Star Pottery Co., Winnsboro, Tex.  
 Lone Star Pressed Brick Co., Terris, Tex.  
 Lonek, Adolph, architect, 118 N. La Salle, Chicago, Ill.  
 Lonergan, J. E., Co., mchsts & fndrs., 211 Race, Phila., Pa.  
 Loney, Samuel, & Co., masons' & bldrs.' matls., Walla Walla, Wash.  
 Long, A. E., contractor, Monadnock Bldg., San Francisco, Cal.  
 Long, Adam A., special machinery, tools & dies, Rochester, N. Y.  
 Long, Albert, architect, 7 W. Madison, Chicago, Ill.  
 Long & Allstatter Co., agricultural implements, Hamilton, O.  
 Long-Arm System Co., mchsts., Lakeside & E. 38th, Cleveland, O.  
 Long Beach Brick Co., Long Beach, Cal.  
 Long Beach Tuna Packing Co., cannery, Long Beach, Cal.  
 Long-Bell Lumber Co., Kansas City, Mo.  
 Long Bell Naval Stores Co., De Ridder, La.  
 Long Bros., mchsts. & fndrs., Kokomo, Ind.  
 Long Bros., canned goods, Westover, Md.  
 Long, C. Frederick, architect, 1 Montgomery, Jersey City, N. J.  
 Long, C. R., Jr., Co., paint mfrs., Louisville, Ky.  
 Long, C. W., brick, Washington, Ia.  
 Long Cider & Canning Co., Brownville, Nebr.  
 Long, Clifford, brick, Columbus Junction, Ia.  
 Long Const. Co., contrs., 3332 Summit, Kansas City, Mo.  
 Long Distance Spark Plug Co., Indianapolis, Ind.  
 Long Distance Telephone Mfg. Co., So. Bend, Ind.  
 Long, E. B. & H. J., architects, 804 Penn av, Pittsburgh, Pa.  
 Long, E. C., Mfg. Co., machsts. & fndrs., Hannibal, Mo.  
 Long, E. G., Co., mchsts & fndrs., railway supplies mfrs., 50 Church, New York.  
 Long, E. H., brick, Sturgis, Ky.  
 Long, E. M., & Sons, masons' & bldrs.' matls., sashes, doors & blinds, Cadiz, O.  
 Long, E. T., & Co., contractors, Wilkes-Barre, Pa.  
 Long, Edwin, & Co., paint mfrs., 845 Clinton, Cincinnati, O.  
 Long, F. R., W. G. Broadhurst Co., contractors, dock bldrs., Hackensack, N. J.  
 Long, Fred H., engineers, 29 S. La Salle, Chicago, Ill.  
 Long, Fred W., & Co., contractors, Jacksonville, Fla.  
 Long Fruit Products Co., canned goods, Portland, Ore.  
 Long, Geo. A., Cabinet Co., Hanover, Pa.  
 Long, Geo. Baker, general contractor, 315 State Mutual Bldg., Worcester, Mass.  
 Long, Geo., Contracting Co., 1st & 1st av, Baltimore, Md.  
 Long Grate Bar Co., Buffalo, N. Y.  
 Long, Harry W., contractor, Franklin, Pa.  
 L. I. Charcoal Co., 212 24th, Brooklyn, N. Y.  
 L. I. Knitting Mills Co., bathing suit mfrs., 335 Throop av, Brooklyn, N. Y.  
 L. I. Mach. & Marine Const. Co., ft. E. av, Long Island City, N. Y.  
 L. I. Soap Co., Bridgewater & Meeker av, Brooklyn, N. Y.  
 Long, J. H., Machine Co., 184 High, Boston, Mass.  
 Long, J. K., & Son, contractors, Punxsutawney, Pa.  
 Long, Jas. D., architect, 307 Main, Springfield, Mass.  
 Long, Jas. Lee, architect, Hopkinsville, Ky.  
 Long, John A., architect, 223 4th av, Pittsburgh, Pa.  
 Long-Knight Lumber Co., 1025 Lewis, Indianapolis, Ind.  
 Long, L. B., brick, common, Jackson, Tenn.  
 Long, Lamoreaux & Long, architects, 830 Hennepin av, Minneapolis, Minn.  
 Long, Landreth, Schneider Co., gas water heaters, New Brunswick, N. J.  
 Long, Lewis, Hardware Co., Bessemer, Ala.  
 Long & Long, architects, Leader-News Bldg., Cleveland, Ohio.  
 Long & McAuliffe, contractors, Brockton, Mass.  
 Long, M. D., stone producers, Brockton, Mass.  
 Long Mfg. Co., water cooling radiators, Cameron av & E. Gd. blvd, Detroit, Mich.  
 Long, P. Beauregard, flour mills, Alaska, W. Va.  
 Long, S. M., & Son, flour mills, Shelbyville, Ky.  
 Long & Saunders Co., granite, S. Quincy, Mass.  
 Long Syrup Refining Co., 16th & Division, San Francisco, Cal.  
 Long, T. C., stone producers, Allentown, Ohio.  
 Long-Thompson Co., masons' & bldrs.' matls., Knox, Ind.  
 Long, W. H., flour mills, Howard, Pa.  
 Long, W. Z., Co., confectioners' machy., Springfield, Ohio.  
 Long, Walter Mfg. Co., tubular boilers, 1312 Muriel, Pittsburgh, Pa.  
 Longacre Constr. Co., Widener Bldg., Philadelphia, Pa.  
 Longaker, H. G., & Co., canned goods, Federalsburg, Md.  
 Longbridge Cotton Oil Co., cottonseed meal, Longbridge, La.  
 Longcor, W. J., contractor, 709 5th, Minneapolis, Minn.  
 Longdale Iron Co., blast furnaces, Longdale, Va.  
 Longdin Brugger Co., solid tires, Fond du Lac, Wis.  
 Longest Bros. Co., automobile bldrs., Louisville, Ky.  
 Longfellow, A. W., architect, Tremont Bldg., Boston, Mass.  
 Longford Co. of America, Truck Units, Cambridge, Mass.  
 Longman & Martinez, paints, varnish mfrs., etc., 54 Maiden la., New York.  
 Longmont Flour Milling Co., Longmont, Colo.  
 Longshore James, trunk mfr., Sacramento, Cal.  
 Longslow, Fowler Co., school furniture, Rochester, N. Y.  
 Longstreet Lumber Co., Longstreet, La.  
 Longview Cotton Oil Co., meal, fertz. mfrs., Longview, Tex.  
 Longview Lime Wks., Longview, Ala.  
 Longview Mattress Co., Longview, Tex.  
 Longville Lumber Co., Longville, La.  
 Longwell-Cummings Co., tablets & pads, Logansport, Ind.  
 Longwell Teaming & Storage Co., masons' & bldrs.' matls., 2245 Lumber, Chicago, Ill.  
 Longworth, I. R., Co., spokes, Somerset, Ky.  
 Longworth, W. P., & Co., htg. contrs., 1 N. 7th, Richmond, Va.  
 Longyear, E. J., Co., drills, 710 Sec. Bk. Bldg., Minneapolis, Minn.  
 Lonoke Rice Mill Co., Lonoke, Ark.  
 Lonsdale Bros., contrs., Bryant Bldg., Kansas City, Mo.  
 Lonsdale Co., shade cloth mfrs., Providence, R. I.  
 Lonsdale Face Brick Co., Knoxville, Tenn.  
 Lonsdale Foundry Co., Knoxville, Tenn.  
 Lonsdale's, J., Sons, blankets—woolen, Dale, Ia.  
 Lontz, S. C., & Sons, masons' & bldrs.' matls., South Bend, Ind.  
 Lonyo-Harsha Brick Co., Larkin rd, nr. Mich., Detroit, Mich.  
 Lonyo & M. C. R. R., brick, Detroit, Mich.  
 Looby, Wm. H., paint brushes, Centerbrook, Conn.  
 Loogootee Glass Sand Co., Loogootee, Ind.  
 Look & Lincoln, machsts. & fndrs., Marion, Va.  
 Lookout Boiler Mfg. Co., Chattanooga, Tenn.  
 Lookout Paint Mfg. Co., Chattanooga, Tenn.  
 Lookout Planing Mills, cedar chests, Chattanooga, Tenn.  
 Loom Reed & Harness Co., tex. machy. combs (slasher), Charlotte, N. C.  
 Looman, W. J., cornices, 856 E. Gd. blvd, Detroit, Mich.  
 Loomer & Allen, contractors, Belmont, Mass.  
 Loomis Bros., contractors, Cedar Rapids, Ia.  
 Loomis & Hart Mfg. Co., lumber, Chattanooga, Tenn.  
 Loomis & Hartman, architect, Todd Bldg., Louisville, Ky.  
 Loomis, J. H., & Sons, silos, Phoenix, N. Y.  
 Loomis, John S., Lumber Co., sash, door & blind mfrs., Baltic & Nevins, Brooklyn, N. Y.  
 Loomis Machine Co., well drilling & prospecting machinery, Tiffin, Ohio.  
 Loomis-Manning Mfg. Co., 1421 S. 37th, Philadelphia, Pa.  
 Loonan Lumber Co., Yankton, S. D.  
 Looney & Bloess Lumber Co., Sedalia, Mo.  
 Looney Rivers Lumber Co., Boyce, La.  
 Loos, Adam, boilers, Toledo, Ohio.  
 Loos & Dilworth, lubrg. oils, paraffine wax, etc., 134 S. Front, Philadelphia, Pa.  
 Loos & Dohard, contractors, Commercial Tr. Bldg., Phila., Pa.  
 Loos, E. D., mchsts. & fndrs., Colby, Wis.  
 Loos, Richard C., architect, 1017 Chestnut, Philadelphia, Pa.  
 Looschen Piano Case Co., Paterson, N. J.  
 Loose, Chas. Co., sash, door & blind, Myerstown, Pa.  
 Loose, Sam'l A., & Son, mchsts. & fndrs., Hamburg, Pa.  
 Loper Bros., sash, door & blind mfrs., Port Jefferson, N. Y.  
 Loper, Eli & Son, sashes, doors & blinds, Bridgeton, N. J.  
 Loper Fire Alarm Co., Stonington, Conn.  
 Lopez-Desporte Packing Co., canned goods, Biloxi, Miss.  
 Loptien Bros., carriages, Sycamore, Ill.  
 Loptien, G., & Sons (est. of), carriages, Sycamore, Ill.  
 Lorain Boiler Works, Lorain, Ohio.  
 Lorain Brass & Bronze Foundry Co., Lorain, Ohio.  
 Lorain Casting Co., Lorain, Ohio.  
 Lorain Hardware Co. (whol), Lorain, Ohio.  
 Lorain Lumber & Mfg. Co., Lorain, Ohio.  
 Lorain Sand & Gravel Co., Lorain, Ohio.  
 Lorain Steel Co., iron forgings, rolling mills, etc., Johnstown, Pa.  
 Loraine Smelting & Refining Co., 25 N. Dearborn, Chicago, Ill.  
 Loray Mills, sheeting, Gastonia, N. C.  
 Lorch, Emil, architect, Ann Arbor, Mich.  
 Lord Bowler Co., carbonizers & indigo mills, Cleveland, Ohio.  
 Lord & Burnham Co., mchsts. & fndrs., 30 W. 42d, New York.  
 Lord & Burnham Co., steam heaters, Tremont Bldg., Boston, Mass.  
 Lord & Bushnell Co., lumber mfrs., 2424 Lafin, Chicago, Ill.  
 Lord & Caswell, coffins, etc., Skowhegan, Me.  
 Lord Elec. Co., brake handles, 105 W. 40th, New York.  
 Lord, F. K., architect, 120 B'way, New York.  
 Lord, F. T., Polish Co., Cambridge, Mass.  
 Lord, Geo. W. Co., boiler compounds, 2238 N. 9th, Phila., Pa.  
 Lord, H. & G. W., Co., fish nets, Boston, Mass.  
 Lord, Hy., Chemical Co., boiler compounds, 1628 Moreland av, Baltimore, Md.  
 Lord, Herman A., architect, 5th & Merchant, Pittsburgh, Pa. & Ambridge, Pa.  
 Lord, Hewlett & Tallant, architects, 345 5th av, New York.  
 Lord, L. L., boiler cleaners, Meadville, Pa.  
 Lord, Lee H., & Co., lumber mfrs., Peoria, Ill.  
 Lord Lumber Co., hardwood doors, La Grange, Ill.  
 Lord Mfg. Co., elec. instr., light'g. arresters, etc., 105 W. 40th, New York.  
 Lord, R. W., Co., fish line mfrs., Kennebunk, Me.  
 Lord, Rufus E., bldg. contr., Waltham, Mass.  
 Lord Stone & Co., stove, Otter River, Mass.  
 Lord, W. M., Co., excelsior, Union, N. H.  
 Lord & Waterman, contractors, Scranton, Pa.  
 Lord, Wm. Henry, architect, Asheville, N. C.  
 Lord-Young Engineering Co. (Ltd.), Honolulu, Hawaii.



Lorehn, Olle J., architect, Light & Power Co. Bldg., Houston, Tex.  
 Lorentzen, H. K., vending machines, 60 Grand, New York.  
 Lorenz Bros., & Co., contractors, 4540 W. Madison, Chicago, Ill.  
 Lorenz, Chas., cornices, 1018 Callowhill, Philadelphia, Pa.  
 Lorenz Knit Goods Mfg. Co., sweaters, etc., 237 S. 5th av, Chicago, Ill.  
 Lorenz, P. H., contractor, Moline, Ill.  
 Lorenz, Wm., tool cases, 212 Marquette av, Minneapolis, Minn.  
 Lorenzen, Chas. F., & Co., grille work, 105 N. Clark, Chicago, Ill.  
 Loretto Iron Co., ores, 1400 Fulton, Chicago, Ill.  
 Loric Bros., cornices & skylights, Columbia, S. C.  
 Lorick & Lowrence, masons' & bldrs.' matls., Columbia, S. C.  
 Lorillard Refrigerator Co., stretchers—portable, 25 W. 32d, New York.  
 Lorimer & Gallagher Co., contractors, 226 La Salle, Chicago, Ill.  
 Lorimer Mach. Co., Ontario & Lawrence, Philadelphia, Pa.  
 Loring, Alden C., architect, 53 State, Boston, Mass. & Everett, Mass.  
 Loring & Leland, architects, 7 Water, Boston, Mass.  
 Loring & Phipps, architects, Exchange Bldg., Boston, Mass.  
 Loring, Ralph S., architect, Lewiston, Idaho.  
 Loring, Sanford, mchsts. & fndrs., Coldwater, Mich.  
 Lorio, Jacob, sweaters, etc., Dedham, Mass.  
 Lorned Mfg. Co., potash, Long Beach, Cal.  
 Los Angeles Brick Co., Los Angeles, Cal.  
 Los Angeles Can Co., Los Angeles, Cal.  
 Los Angeles Carbonic Co., 514 Molino, Los Angeles, Cal.  
 Los Angeles Casket Co., 639 Banning, Los Angeles, Cal.  
 Los Angeles Creamery Auto & Machine Co., 1020 Towne av, Los Angeles, Cal.  
 Los Angeles Engine Works, Los Angeles, Cal.  
 Los Angeles Fertilizer Co., 2643 E. Edwin, Los Angeles, Cal.  
 Los Angeles Foundry Co., Los Angeles, Cal.  
 Los Angeles Heavy Hdwe. Co., 218 N. Los Angeles, Los Angeles, Cal.  
 Los Angeles Ladder Co., Los Angeles, Cal.  
 Los Angeles Lime Co., Los Angeles, Cal.  
 Los Angeles Mfg. Co., machinists, Los Angeles, Cal.  
 Los Angeles Olive Growers' Assn., canned, Los Angeles, Cal.  
 Los Angeles Paper Mfg. Co., Los Angeles, Cal.  
 Los Angeles Planing Mill Co., Los Angeles, Cal.  
 Los Angeles Pressed Brick Co., Los Angeles, Cal.  
 Los Angeles Saddlery & Finding Co., Los Angeles, Cal.  
 Los Angeles Shipbuilding & Drydock Co., Los Angeles, Cal.  
 Los Angeles Soap Co., Los Angeles, Cal.  
 Los Angeles Stone Co., Baker Detwiler Bldg., Los Angeles, Cal.  
 Los Angeles Telescope Co., Los Angeles, Cal.  
 Los Angeles Tuna Canning Co., Long Beach, Cal.  
 Losch, C. E., architect, Union City, Ind.  
 Losee, F. E., brick, Newton, N. J.  
 Losekann, Joseph, architect, Stockton, Cal.  
 Losey & Co., whol. hdwe., Easton, Pa.  
 Loshbough-Jordan Tool & Machine Co., Elkhart, Ind.  
 Losie, C. S., architect, Hornell, N. Y.  
 Loth, Edw. W., architect, 253 B'way, Troy, N. Y.  
 Loth, Herman W., architect, 42 Church, New Haven, Conn.  
 Loth, Joseph, & Co., woven labels, Norwalk, Conn.  
 Loth, W. J., Stove Co., mchsts. & fndrs., Waynesboro, Va.  
 Loth & White, architects, 130 State, Albany, N. Y.  
 Lotham Cypress Co., lumber mfrs., ft. of Angelica, St. Louis, Mo.  
 Lothrop, F. B., Co., ferrules, South Acton, Mass.  
 Lothrop, H. A., & Co., cutlery, Sharon, Mass.  
 Lothrop, John M., contractor, 2381 Boulevard, Jersey City, N. J.  
 Lothrop, L. D., & Son, fish hooks, Gloucester, Mass.  
 Lothrop Mfg. Co., steel benches, 15 W. Kinzie, Chicago, Ill.  
 Lott, K. F., & Co., masons' & bldrs.' matls., 101 E. 8th, St. Paul, Minn.  
 Lott, Louis, architect, U. B. Bldg., Dayton, Ohio.  
 Lott, W. W., turpentine, Jacksonville, Ga.  
 Lotter Bros. Mfg. Co., mchsts. & fndrs., Seymour, Wis.  
 Lotter, Hy. G., architect, 304 W. Water, Milwaukee, Wis.  
 Lottman, C. F., mattresses, Houston, Tex.  
 Lotus Cut Glass Co., Barnesville, Ohio.  
 Lotz, August, & Co., bee keepers' supplies, Boyd, Wis.  
 Lotz, Philip, & Co., contractors, 56 E. Randolph, Chicago, Ill.  
 Louck & Hill Co., sash, door & blind mfrs., Richmond, Ind.  
 Loucks & Clarke Co., contractors, Wallingford, Conn.  
 Loucks, Elmer E., carriages, Schenectady, N. Y.  
 Loucks Hardware Co., Scottsdale, Pa.  
 Laud, D. A., & Co., blankets—woolen, Lexington, Ky.  
 Loud, Joseph Prince, architect, 85 Water, Boston, Mass.  
 Loud, M., Sons Co., ties, poles, etc., Oscoda, Mich.  
 Loudon & Hill, sponges, 624 Arch, Philadelphia, Pa.  
 Loudon Machine Works, Lebanon, Pa.  
 Loudon Machinery Co. (The), barn equipments, Fairfield, Ia.  
 Loudenslager, H., Fdry. Co., 465 S. Canal, Columbus, Ohio.  
 Loudon Packing Co., canned goods, Terre Haute, Ind.  
 Louderback, A. E., varnish mfrs., 75 Murray, New York.  
 Loudoun Valley Milling Co., flour, Purcellville, Va.  
 Loudoun Mach. Co., Purcellville, Va.  
 Louer Bros., sweaters, cardigans, etc., 651 S. 5th av, Chicago, Ill.  
 Lougeay, John M., contractor, 5822 Douglas, Pittsburgh, Pa.  
 Lougee, Wm. S., architect, Marshall Bldg., Cleveland, Ohio.  
 Loughman, Jos., & Son, contractors, 1133 N. Vandeventer av, St. Louis, Mo.

Loughran Machine Co., Ames, Iowa.  
 Louis, Hy. D., packing box mfrs., Leadenhall & Ostend, Baltimore, Md.  
 Louis, J. H., Carriage & Wagon Co., 314 W. Court, Cincinnati, O.  
 Louis, Jno. C., contrs. tools & supp. 131 So. Howard, Baltimore, Md.  
 Louise Lumber Co., Lexington, Ky.  
 Louisiana Building & Contr. Co., 411 W. Rampart, New Orleans, La.  
 Louisiana Central Lumber Co., Clarks, La.  
 Louisiana Cornice Works, New Orleans, La.  
 Louisiana Creosoting Co., Winnifield, La.  
 Louisiana Cypress Lumber Co., Ltd., Harvey, La.  
 Louisiana Distillery Co. (Ltd.), 865 S. Peters, Harvey, La.  
 Louisiana Fibre Board Co., Bogalusa, La.  
 Louisiana Glass & Mirror Works, 309 Lafayette, New Orleans, La.  
 Louisiana Grain & Milling Co., Ltd., Lake Charles, La.  
 Louisiana Long Leaf Lumber Co., Fisher, La.  
 Louisiana Lumber Co., Bogalusa, La.  
 Louisiana Lumber & Shingle Co. (Ltd), Galbraith, La.  
 Louisiana Oil Refining Co., petroleum products, Shreveport, La.  
 Louisiana Paper Co., Ltd., Shreveport, La.  
 Louisiana Red Cypress Co., Hibernia Bk. Bldg., New Orleans, La.  
 Louisiana Red Cypress Lumber Co., Wichita, Kans.  
 Louisiana Rice Milling Co., New Orleans, La.  
 Louisiana Saw Mill Co., Glenmora, La.  
 Louisiana Scale Co., mchsts., New Orleans, La.  
 Louisiana State Rice Milling Co., Whitney Bldg., New Orleans, La.  
 Louisiana State University, Engng. Schools & Coll., Baton Rouge, La.  
 Louisville Auto. Supply Co., spark plugs, Louisville, Ky.  
 Louisville Axe & Tool Co., Highland Park, Ky.  
 Louisville Brick Co., Louisville, Ky.  
 Louisville Brick & Tile Co., Louisville Ohio.  
 Louisville Bridge & Iron Co., steel struct. wk., Louisville, Ky.  
 Louisville Car Wheel & Ry. Supply Co., Louisville, Ky.  
 Louisville Cement Co., 325 W. Main, Louisville, Ky.  
 Louisville Cereal Mill Co., flour mills, Louisville, Ky.  
 Louisville Coal & Coke Co., Goodwill, W. Va.  
 Louisville Cornice & Roofing Co., Louisville, Ky.  
 Louisville Cotton Mills Co., twine, Louisville, Ky.  
 Louisville Cotton Oil Co., Louisville, Ky.  
 Louisville Drying Mach. Co., Louisville, Ky.  
 Louisville Fertilizer Co., Louisville, Ky.  
 Louisville Fire Brick Works, Highland Park, Ky.  
 Louisville Gas & Electric Co., Louisville, Ky.  
 Louisville Girth & Blanket Mills, Louisville, Ky.  
 Louisville Guano Co., fertilizer mfrs., Louisville, Ala.  
 Louisville Lead & Color Co., Louisville, Ky.  
 Louisville Machine Co., concrete block, Louisville, Ohio.  
 Louisville Paint Mfg. Co., Louisville, Ky.  
 Louisville Pillow Co., mattresses, Louisville, Ky.  
 Louisville Planing Mill & Hardwood Flooring Co., Louisville, Ky.  
 Louisville Point Lumber Co., 1138 Fulton, Louisville, Ky.  
 Louisville Pottery Co., Floyd & Bloom av, Louisville, Ky.  
 Louisville Provision Co., meat packers, Louisville, Ky.  
 Louisville Silo & Tank Co., Louisville, Ky.  
 Louisville Soap Co., Shelby & Ormsby, Louisville, Ky.  
 Louisville Tin & Stove Co., whol. hdwe., Louisville, Ky.  
 Louisville Varnish Co., Louisville, Ky.  
 Louisville Veneer Mills, Louisville, Ky.  
 Lounsberry, G. H., & Sons, hdwe. mfrs., 8 W. 3d, Cincinnati, O.  
 Lounsberry, Geo. H., contractor, Duluth, Minn.  
 Lounsberry, H. C., heating contractors, Camden, N. J.  
 Lounsbury & Bissell Co., wood felts, Winnipauk, Conn.  
 Lourdon, F. X., architect, Merchants' Trust Bldg., Los Angeles, Cal.  
 Loutre Shingle Co., lumber, Cargile, Ark.  
 Lovatt, Geo. I., architect, 416 Walnut, Philadelphia, Pa.  
 Lovdall, Geo. F., architect, 953 Belmont av, Chicago, Ill.  
 Love, Boyd & Co., masons & bldrs.' matls., Nashville, Tenn.  
 Love Bros., brass castings & arch'l iron, Aurora, Ill.  
 Love, Edgar L., architect, Huntsville, Ala.  
 Love, J., & Co., meat packers, ft. W. 40th, New York.  
 Love, J. M., & Co., lumber, Red Springs, N. C.  
 Love, J. P., stone producers, Webster, Mass.  
 Love, Jos. V., & Co., rubber stamps, stencils, Galveston, Tex.  
 Love, M. A., Mfg. Co., mchsts. & fndrs., Rockford, Ill.  
 Love Mfg. Co., mchsts. & fndrs., Corry, Pa.  
 Love Piket & Nulsen Co., heating contr., 8th & B'way, Cincinnati, Ohio.  
 Love & Richards, architects, 116 S. Michigan av, Chicago, Ill.  
 Love Thompson Co., whol. hdwe., 209 1st av, Pittsburgh, Pa.  
 Love Wagon Co., Durant, Miss.  
 Lovegrove & Co., machy. dhrs., 1524 Chestnut, Philadelphia, Pa.  
 Lovegrove Milling & Feed Co., flour, Charlottesville, Va.  
 Lovejoy, C. H., Chaplet Co., Cambridge, N. Y.  
 Lovejoy, D., & Son, mach. knives, etc., Lowell, Mass.  
 Lovejoy, Ellis, dry kilns, Columbus, Ohio.  
 Lovejoy Granite Co., Milford, N. H.  
 Lovejoy, J. E., contractor, Des Moines, Ia.  
 Lovejoy Planing Mill Co., sash, door & blind mfrs., 823 E. 17th, Kansas City, Mo.  
 Lovejoy, R. N., carriages, North Chesterville, Me.



- Lovejoy Tool Works, 319 W. Ohio, Chicago, Ill.  
 Lovekin Pipe Expanding & Flanging Mach. Co., 421 Chestnut, Philadelphia, Pa.  
 Lovekin Water Heater, 39 Laurel, Philadelphia, Pa.  
 Lovelace Lumber Co., Brewton, Ala.  
 Loveland, A. C., & Co., scrap rubber, Hartford, Conn.  
 Loveland, F. L., contractor, 2928 Baker, San Francisco, Cal.  
 Loveland, J. E., masons & bldrs.' matls., Moscow, Pa.  
 Loveland, L. H., Co., picker sticks, Rumney, N. H.  
 Loveland, L. L., contractor, Cranford, N. J.  
 Loveland, M. E., mill & facty. supplies, Gouverneur, N. Y.  
 Loveland Plaster & Mfg. Co., Loveland, Colo.  
 Loveless, L. W., Mfg. Co., razor strops, Lafayette, Ind.  
 Lovell, Clinton P., architect, 30 E. 42d, New York.  
 Lovell, F. H., & Co., mail boxes & conduit hangers, Arlington, N. J.  
 Lovell-McConnell Mfg. Co., mchsts. & fndrs., 194 Wright, Newark, N. J.  
 Lovell, Sidney, theatre architect, 30 N. Michigan, Chicago, Ill.  
 Lovering, Robert H., htg. Contrs., 37 Savin, Rox., Boston, Mass.  
 Lovett, Solon, boot & shoe counters, Beverly, Mass.  
 Lovewell-Henrici Co., laundry machy. & screw presses, Chelsea, Mass.  
 Lo Vis Co., cutters—can, Kalamazoo, Mich.  
 Lovitt, C. W., contractor, Victor Bldg., Kansas City, Mo.  
 Lovvorn, W. J., flour mills, Cedartown, Ga.  
 Low Bros., & Co., lime mfrs., Limeridge, Pa.  
 Low, F. Eliot, & Co., mill & facty. supplies, Paterson, N. J.  
 Low Moor Iron Co., blast furnaces, Low Moor, Va.  
 Low, N. S., & Co., surgical instruments, 44 ave. A, New York.  
 Low, Robert, & Co., stone producers, 115 3d, S. W., Washington, D. C.  
 Lowden, G. W., canned goods, Savannah, Ga.  
 Lowe, Albert G., architect, 237 4th av, Pittsburgh, Pa.  
 Lowe & Bollenbacker, architects, 14 E. Jackson blvd, Chicago, Ill.  
 Lowe Bros. Co., paints, 450 E. 3d, Dayton, Ohio.  
 Lowe Bros., Mach. & Engine Works, Columbus, Ohio.  
 Lowe & Co., whol. hdwe., Weatherford, Tex.  
 Lowe, E. E., & Co., lumber, Atlanta, Ga.  
 Lowe, Geo., architect, Kingston, N. Y.  
 Lowe, Geo. A., Co., whol. hdwe., mill & facty. supp., masons & bldrs.' matls., Ogden, Utah.  
 Lowe, H. W., canned goods, Florence, Neb.  
 Lowe, Hy. A., test indicators, Cleveland, Ohio.  
 Lowe-Hord Hardware Co., fertilizer, Knoxville, Tenn.  
 Lowe, John, contractor, 352 Grand av, New Haven, Conn.  
 Lowe & Jones, masons & bldrs.' matls., Duluth, Ga.  
 Lowe, Lloyd C., architect, Huntington, W. Va.  
 Lowe Mfg. Co., parers—hoof, Enderlin, N. D.  
 Lowe, Perley, & Co., lumber, 332 S. Mich. av, Chicago, Ill.  
 Lowe, S. C., Supply Co., mill & facty. supp., cabinet oil, New Bedford, Mass.  
 Lowe, T. F., machinist, Buford, Ga.  
 Lowe, T. J., fertilizer, Mableton, Ga.  
 Lowe, Willis C., architect, Crocker Bldg., San Francisco, Cal.  
 Lowekamp Bros., canned goods, Jessups, Md.  
 Lowell Canning Co., Lowell, Wis.  
 Lowell Casket Co., Lowell, Mass.  
 Lowell Crayon Co., crayons & pencils, Lowell, Mass.  
 Lowell Cutter Co., carriage bodies & seats, Lowell, Mich.  
 Lowell Felt Co., Lowell, Mass.  
 Lowell Fertilizer Co., 40 N. Market, Boston, Mass.  
 Lowell Furnace Co., Lowell, Mass.  
 Lowell, Guy, architect, 225 5th av, New York.  
 Lowell, Guy, architect, 12 West, Boston, Mass.  
 Lowell Insulated Wire Co., flexible cords, rubber covered & telephone wires, Lowell, Mass.  
 Lowell Mfg. Co., clothes wringers, 13th & French, Erie, Pa.  
 Lowell-Meservey Hardware Co., Colorado Springs, Colo.  
 Lowell Paper Tube Corp., Lowell, Mass.  
 Lowell Planing Mill Co., Lowell, Ohio.  
 Lowell Polish Co., Lowell, Mass.  
 Lowell Pottery Co., Lowell, Ill.  
 Lowell Rendering Co., soap, Lowell, Mass.  
 Lowell Shuttle Co., Lowell, Mass.  
 Lowell Specialty Co., mchsts. & fndrs., Lowell, Mich.  
 Lowell Textile Co., towels, North Chelmsford, Mass.  
 Lowell Waste Co., Lowell, Mass.  
 Lowell Wrench Co., mfrs. reversible ratchet wrenches, 54 Commercial, Worcester, Mass. *See adv index at end of book.*  
 Lowenthal Co., scrap iron, 947 W. 20th, Chicago, Ill.  
 Lowenthal, Max, & Sons, gloves, sweaters, Rochester, N. Y.  
 Lowenthal, W., & Co., cotton batting, Cohoes, N. Y.  
 Lowentraut, P. Mfg. Co., hdwe. mfrs., 36 Brenner, Newark, N. J.  
 Lower California Fisheries Co., canned, San Diego, Cal.  
 Lowerator Co., gravity conveyors, 244 W. 23d, New York.  
 Lowery Bros., contractors, 1631 S. Salina, Syracuse, N. Y.  
 Lowinson, Oscar, 5 W. 31st, New York.  
 Lowman & Hanford Co., pads & tablets, Seattle, Wash.  
 Lowmoor Iron Co., blast furnaces, Covington, Va.  
 Lowm & Son, buckets, churns, pails, etc., Poughkeepsie, N. Y.  
 Lowndes & Butler, machinists, Norristown, Pa.  
 Lowndesville Cotton Oil Co., meal, fertz. mfrs., Lowndesville, S. C.  
 Lowrance Bros., & Co., contractors, Memphis, Tenn.  
 Lowrey Bros., fertilizer mfrs., Dawson, Ga.  
 Lowrie, C. N., landscape architect, 101 Park av, New York.  
 Lowrie Mfg. Co., forging machines, presses, etc., Springfield, Ill.  
 Lowrie & Robinson Lumber Co., sash, door & blind, 2569 Jefferson av, W. Detroit, Mich.  
 Lowrie Safe & Lock Mfg. Co., 400 N. Oakley blvd, Chicago, Ill.  
 Lowry Bros., potteries, Roseville, Ohio.  
 Lowry Co., plumbers', mill & facty. supp.—jobbers, Atlanta, Ga.  
 Lowry, F. S., potter, Roseville, Ohio.  
 Lowry, I. B., architect, Phoenixville, Pa.  
 Lowry, Robt. C., & Co., lumber mfrs.—cloth boards, machy., etc., 23 Beaver, New York.  
 Lowry Top & Body Co., 1211 Vine, Philadelphia, Pa.  
 Lowry Wagon Works, Augusta, Ga.  
 Lowther, M. R., & Co., masons & bldrs.' matls., Parkersburg, W. Va.  
 Lowy, A., travel'g bags & suit cases, 18 Greene, New York.  
 Lowy & Co., travel'g bags & suit cases, 79 Grand, New York.  
 Lowy, D., & Co., scrap iron & steel, 66 10th av, New York.  
 Loy-Lange Box Co., pkg. box mfrs., 3d & Russell, St. Louis, Mo.  
 Loy & Nawrath, machinists, 25 Runyon, Newark, N. J.  
 Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa.  
 Loyd, H. C., canned goods, Goodview, Va.  
 Loyd, John Co., dies, knives, machy., etc., 558 Water, New York.  
 Loyola University Engineering Dept., Engng. Schools & Coll., Chicago, Ill.  
 Lozier Motor Co., machsts. & fndrs., Plattsburg, N. Y.  
 Lozier Motor Co., Mack & Belt Line, Detroit, Mich.  
 L. P. C. Motor Co., mchsts., Racine, Wis.  
 L. & P. Knitting Co., sweaters, etc., Hawley, Pa.  
 L. S. & M. S. Ry. Shops, mchsts. & fndrs., Elkhart, Ind.  
 L. S. P. Calking Mach. Co., Wyalusing, Pa.  
 Lubbers & Bell Mfg. Co., adv. nov. & baling presses, Clinton, Ia.  
 Lubec Sardine Co., canned, Lubec, Me.  
 Lubenow Mfg. Co., mach. screws, 592 1st av, Milwaukee, Wis.  
 Luber Button Works, 18 E. 31st, New York.  
 Lubin Mfg. Co., moving picture films, Indiana & 20th, Phila., Pa.  
 Lublin, B., & Son, scrap rubber, Hartford, Conn.  
 Lubricating Metal Co., 188 1st, Jersey City, N. J.  
 Lubricating Metal Co., metallic packing, 2 Rector, New York.  
 Lubron Co., packing mfrs., Everett, Mass.  
 Lubshez, Ben J., architect, Reliance Bldg., Kansas City, Mo.  
 Luby, Wm. J., stone producers, Meriden, Conn.  
 Lucas, A., & Sons, fndrs., mine cages, coal chutes, 1329 S. Washington, Peoria, Ill.  
 Lucas, A. T., contractor, Houston, Tex.  
 Lucas Bros., flour mills, Shinnston, W. Va.  
 Lucas, D. A., & Co., architects, 98 3rd, Brooklyn, N. Y.  
 Lucas, H. N., cornices, Negaunee, Mich.  
 Lucas, Herbert, architect, 2 W. 45th, New York, & Lucas Bldg., Mt. Vernon, N. Y.  
 Lucas, I. L., brick, Dover, N. H.  
 Lucas, J. Craig, sash, door & blind, Brookville, Pa.  
 Lucas, J. L., & Son, gas blast forges, Bridgeport, Conn.  
 Lucas, John, & Co., enamels, paints, varnishes, etc., 322 Race, Philadelphia, Pa.  
 Lucas Land & Lumber Co., Paducah, Ky.  
 Lucas Mach. Co., sand papering, Jamestown, N. Y.  
 Lucas Machine Tool Co., 524 E. 99th, Cleveland, O.  
 Lucas Pump Co., Dayton, O.  
 Lucas-Tuttle Mfg. Co., school rulers, Silver Springs, N. Y.  
 Lucas, W. L., & Son, canned goods, Troutville, Va.  
 Lucas-Wallace Mfg. Co., carbureters, Paducah, Ky.  
 Lucas, Wm., contractor, Galveston, Tex.  
 Lucas, Wm., brick, Portland, Me.  
 Lucas, Wm. A., architect, Odd-Fellows Bldg., St. Louis, Mo.  
 Luce Bros., sashes, doors & blinds, 214 19th av, N., Minneapolis, Minn.  
 Luce, Clarence, architect, 52 Vanderbilt, New York.  
 Luce, Geo. D., tree moss, Hagan av & St. Peters, New Orleans, La.  
 Luce Trunk Factory, 1026 Maine, Kansas City, Mo.  
 Lucey, J. F., Co., engineers, Oliver Bldg., Pittsburgh, Pa.  
 Lucey Mfg. Corp., oil & gas well supplies, 233 B'way, New York.  
 Luchte, Jos. L., mach. & fdr., Greensburg, Ind.  
 Lucia Granite Co., East Barre, Vt.  
 Lucius Engineering Co., Hartje Bldg., Pittsburgh, Pa.  
 Luck, C. H., Envelope Co., 374 W. Monroe, Chicago, Ill.  
 Luck Constr. Co., Roanoke, Va.  
 Luckel King & Cake Soap Co., Portland, Ore.  
 Luckenbach, D. & A., flour mills, Bethlehem, Pa.  
 Luckett, Fred'k, light fixture mfrs., 266 State, Brooklyn, N. Y.  
 Luckhardt, C. A., Co., assayers, 53 Stevenson, San Francisco, Cal.  
 Luckhardt, Louis, cornices, 85 Sweetbriar, Pittsburgh, Pa.  
 Lucy, G. R., & Co., soap, 100 San Bruno, San Francisco, Cal.  
 Ludeman, Ed. H., mach'y, 165 B'way, New York.  
 Luders Marine Constr. Co., motor boat, launch & yacht bldrs., Stamford, Conn.  
 Ludgin, Jos. G., architect, 189 W. Madison, Chicago, Ill.  
 Ludington Cigarette Mach. Co., Waterbury, Conn.  
 Ludington, Ira M., Sons, contractors, Powers Bldg., Rochester, N. Y.  
 Ludington, J., & Co., canned goods, 2211 Boston, Baltimore, Md.  
 Ludington Lumber Co., Ludington, La.  
 Ludington, N., Co., masons' & bldrs.' matls., Marinette, Wis.  
 Ludlam, Fred'k, Co., fertilizer mfrs., 2 Rector, New York.  
 Ludlow, L. V., & Co., masons' & bldrs.' matls., Far Hills, N. J.



- Ludlow Mfg. Associates, bags & bagging, 111 Devonshire, Boston, Mass.
- Ludlow & Peabody, architects, 101 Park av, New York, & Stahlman Bldg., Nashville, Tenn.
- Ludlow-Saylor Wire Co., mats, 20 E. Jackson bl, Chicago, Ill.
- Ludlow-Saylor Wire Co., St. Louis, Mo.
- Ludlow & Squier, mill & facty. supplies, 97 Market, Newark, N. J.
- Ludlow Valve Mfg. Co., machsts. & fdrs., 141 Milk, Boston, Mass.
- Ludlow Valve Mfg. Co., Troy, N. Y.
- Ludowici-Celadon Co., roofing tile mfrs., Monroe Bldg., Chicago, Ill.
- Ludvigsen Bros., steel toes, calks, Jackson, Minn.
- Ludwig & Co., pianos, 136th & Willow av, New York.
- Ludwig, Edward R., architect, N. Y. Life Bldg., Minneapolis, Minn.
- Ludwig, J., carriages, 20 Canfield, Newark, N. J.
- Ludwig, L. O., starch mfr., Cary, Me.
- Ludwig Piano Co., 1103 Chestnut, Philadelphia, Pa.
- Ludwig, Wm. H., architect, 16 Court, Brooklyn, N. Y.
- Ludy, J. W., cornices & skylights, Zanesville, O.
- Lueck, E. A., Co., metal specialists, 601 Caswell blk, Wilwaukee, Wis.
- Luecke, H. C., mach. & fdr., Wichita Falls, Tex.
- Lueders, Geo., & Co., soap colors & oils, 218 Pearl, New York.
- Luedinghaus Bros., lumber, Dryad, Wash.
- Luedinghaus-Espenschied Wagon Co., 1717 N. B'way, St. Louis, Mo.
- Luehrmann, Chas. F., Hardwood Lumber Co., 148 Carroll, St. Louis, Mo.
- Luenzmann, Frank, Co., bldg. contrs., 1912 Prairie, Milwaukee, Wis.
- Luer Bros. Packing & Ice Co., meat packers, Alton, Ill.
- Luetke, Oscar, architect'l & ornament. iron, 328 7th av, New York.
- Lutscher, Jacob J., contractor, Madison, Wis.
- Lufbery, Geo. F., Jr., rubber substitutes, chemicals, Elizabeth, N. J.
- Lufkin, C. F., tackle blocks, Gloucester, Mass.
- Lufkin Foundry & Machine Co., Lufkin, Tex.
- Lufkin, Jno. W. & R. H., machy, 38 Chardon, Boston, Mass.
- Lufkin Land & Lumber Co., Lufkin, Tex.
- Lufkin Rule Co., rules & measuring tapes, Hess, Saginaw, Mich.
- Lugar, C. W., canned goods, Troutville, Va.
- Lugger, F. W., & Son, machinists, Delaware, O.
- Lugosch, J. D., architect, 408 Kossuth, Weehawken, N. J.
- Luick Bros. & Co., lbr. mfrs., Ann Arbor, Mich.
- Luippold, Jno. M., architect, 89 Mozart, Boston, Mass.
- Luitink & Sons Mfg. Co., mchsts, 775 18th av, Milwaukee, Wis.
- Lukehart, A. L., architect, Falls Creek, Pa.
- Lukemeyer, Wm. H., & Son, brick, Huntingburg, Ind.
- Lukens Bros., lumber, 9th & Girard, Philadelphia, Pa.
- Lukens Milling Co., flour, Atchison, Kans.
- Lukens Steel Co., steel plate manfrs., Coatesville, Pa.
- Lukens, Thos. F., Metal Co., fndrs., 238 N. 4th, Phila., Pa.
- Lukens, Wm. A., contractor, Clearfield, Pa.
- Lukens & Yerkes, masons' & bldrs.' matls. & lime mfrs., Stephen Girard Bldg., Philadelphia, Pa.
- Lukes, Wm., hdwe. mfr., 857 S. 19th, Newark, N. J.
- Luley Abattoir Co., meat packers, St. Paul, Minn.
- Lull Carriage Co., delivery & spring wagons, Kalamazoo, Mich.
- Lum, A. L., & Co., plumber supp., Norfolk, Va.
- Lum, Geo. E., Machine & Supply Co., Birmingham, Ala.
- Lum, L. C., masons' & bldrs.' matls., Barker, N. Y.
- Lum Machinery & Supply Co., mill & facty. supplies, Montgomery, Ala.
- Lum, Wm. H., & Son, cut glassware, 508 Broome, New York.
- Lumber Mfrs. Agency, Centralia, Wash.
- Lumber Mfg. Co., Gainesville, Fla.
- Lumber Mineral Co., Arbo, Miss.
- Lumber & Supply Co., masons' & bldrs.' matls., Logan, O.
- Lumber World Review, trade publications, 608 S. Dearborn, Chicago, Ill.
- Lumberman (St. Louis), trade publications, Wright Bldg., St. Louis, Mo.
- Lumberman's Cement & Brick Co., Kansas City, Mo.
- Lumberman's Supply Co., Topeka, Kans.
- Lumen Bearing Co., bearings, castings, lubricating oils & greases, etc., 200 Lathrop, Buffalo, N. Y.
- See adv. index at end of book.*
- Luminous Specialty Co., elect. light reflectors, Indianapolis, Ind.
- Luminous Unit Co., electric fixtures, Jefferson & Washington av, St. Louis, Mo.
- Lumley & Denly Co., adjusters & hinge mfrs., Ashtabula, O.
- Lumi Bay Packing Co., canned goods, Green Bay, Wis.
- Lummus Cotton Gin Co., Columbus, Ga.
- Lummus, Walter E., Co., chemical apparatus mfrs., 173 Milk, Boston, Mass.
- Lumpkin Hardware Co., Cartersville, Ga.
- Lumpkin Home Mixture Guano Co., Lumpkin, Ga.
- Lumsden & Van Stone Co., mill & facty. supplies, 69 High, Boston, Mass.
- Lunan, J., & Sons, packing box, Fall River, Mass.
- Lunbeck Bros., lumber, South Salem, O.
- Lund, Anders G., architect, 810 W. 63d, Chicago, Ill.
- Lund, Chas. N., Construction Co., 810 Olive, St. Louis, Mo.
- Lund & Nelson, 19 S. La Salle, Chicago, Ill.
- Lundahl Bros. Fuel & Contracting Co., Moline, Ill.
- Lundale Bros. Fuel & Contracting Co., Moline, Ill.
- Lundberg, Gustaf, Swedish iron, Board of Trade Bldg., Boston, Mass.
- Lundberg & Mahon, architects, Provident Bldg., Tacoma, Wash.
- Lundburg, Geo. E., contractor, Omaha, Nebr.
- Lundgren, Edward, brick, Warren, Minn.
- Lundgren, John, & Co., punching dies, Detroit, Mich.
- Lundin Elec. & Mach. Co., arc lamp insulators, 10 Thatcher, Boston, Mass.
- Lundin Steel Casting Co., machsts. & fndrs., Neponset, Boston, Mass.
- Lundquist, C. A., & Co., wholesale hardware, Jamestown, N. Y.
- Lundquist, C. W., & Co., contractors, 712 15th av, N. E., Minneapolis, Minn.
- Lundstrom, C. J., Mfg. Co., filing cabinets, Little Falls, N. Y.
- Lundstrum, A., architect, North Yakima, Wash.
- Lundy, John, starch mfrs., Fort Fairfield, Me.
- Lunenberg Mfg. Co., coffins, etc., Lunenberg, Vt.
- Lunkenheimer Co., mill & factory supplies, Beekman & Waverly, Cincinnati, O. *See adv. index at end of book.*
- Lunsford, G. A., & Sons, machy. dlrs., Elberton, Ga.
- Lunt Moss Co., mill & facty. supp., 43 S. Market, Boston, Mass.
- Lupfer, Geo. B., Co., mattresses, Columbus, O.
- Lupien, A., architect, 1204 Carroll, Brooklyn, N. Y.
- Lupprain, Chas. A., architect, 180 Main, New Rochelle, N. Y.
- Lupton's, D., Sons Co., steel partitions, Majestic Bldg., Detroit, Mich.
- Lupton's, David, Sons Co., cornices & skylights, 50 Church, New York, & Allegheny av & Tulip, Phila., Pa.
- Luquer, Lynch, architect, 9 Cornhill, Boston, Mass.
- Luray Canning Co., Luray, Va.
- Lurch Piano Co., 369 3d av, New York.
- Luria Bros. & Co., scrap iron & steel, Reading, Pa.
- Luria Rag Co., scrap rubber, iron & steel, York, Pa.
- Lurie, Aaron, cornices, Hartford, Conn.
- Lurz, Frank, Co., contractors, Elmhurst, N. Y.
- Lushbaugh, W. H., contrs., tents, Covington, Ky.
- Lusher & Rockett, contractors, Fort Worth, Tex.
- Lusk Bros. Fdry. Co., Jackson, Mich.
- Lusse Bros., machsts., 2807 N. Fairhill, Phila., Pa.
- Lust, Wm., traveling bags, 925 Van Ness av, San Fran., Cal.
- Lustbader Constr. Co., 103 Park row, New York.
- Luster-Jordan Co., lock corner box machy., Norristown, Pa.
- Lustig & Weil, contractors, 338 E. 95th, New York.
- Lustre Creme Mfg. Co., metal polish, Rock Island, Ill.
- Lustre Mfg. Co., polish, 16 W. Kinzie, Chicago, Ill.
- Lutcher & Moore Cypress Lbr. Co., Lutcher, La.
- Lutcher & Moore Lumber Co., Orange, Tex.
- Lutes-Sinclair Co., machsts. & fndrs., Benton Harbor, Mich.
- Lutgens, Adolph C., architect, 525 Market, San Francisco, Cal.
- Luth Carriage Co., 1911 W. 8th, Cincinnati, O.
- Luthe Hardware Co., Des Moines, Ia.
- Luther, B. G., Co., machsts., Worcester, Mass.
- Luther, C. A., & Co., textile machy., Pawtucket, R. I.
- Luther Grinder Mfg. Co., tool grinders & sharpeners, 285 S. Water, Milwaukee, Wis.
- Luther, Jno., & Sons, contractors, 176 North, Rochester, N. Y.
- Luther Mfg. Co., machsts. & fndrs., Olean, N. Y.
- Luther, Reed, Mfg. Co., mill & facty. supplies, Fall River, Mass.
- Luthy & Co., port. grain elev., corn planters, clothes washing machs., etc., Peoria, Ill.
- Lutke Mfg. Co., show cases, Portland, Ore.
- Lutter Brick Co., 1503 Wellington av, Chicago, Ill.
- Lutter & Gies, machsts., 258 Lake, Milwaukee, Wis.
- Lutton, Wm. H., horticultural architect, 70 E. 45th, New York.
- Luttrell Bros., canned goods, Unger's Store, W. Va.
- Luttrell Hardware Co., Brewton, Ala.
- Luttrell, S. B., & Co., mill & facty. supplies & whol. hdwe., Knoxville, Tenn.
- Lutwiller Pumping Engine Co., 125 Ames, Rochester, N. Y.
- Lutz, Alois M., machsts., Hoboken, N. J.
- Lutz & Boaz, contractors, Easton, Pa.
- Lutz Co., draughting tables, Guttenberg, N. J.
- Lutz File Co., hack saw blades, etc., 806 B'way, Cincinnati, O.
- Lutz, J. C., architect, Thief River Falls, Minn.
- Lutz, J. H., machinist, Circleville, Ohio.
- Lutz, Robt., stone, Oshkosh, Wis.
- Lutz & Schramm Co., canned goods, Pittsburgh, Pa.
- Lutz-Webster Engineering Co., tool mfrs., 31st & Grays Ferry rd, Philadelphia, Pa.
- Luverne Auto Co., Luverne, Minn.
- Luverne Oil Mills, Luverne, Ala.
- Lux Mfg. Co., tungsten lamps, 1328 B'way, New York, & Hoboken, N. J.
- Luxemburg & Haskell, umbrella handles, 122 Centre, New York.
- Luxemoor Co., advtg. nov. & spec., 100 Sumner, Boston, Mass.
- Luyster, Cornelius W., Jr., contractor, 35 Nassau, New York.
- Luzerne Chemical Co., wood acids, Pittston, Pa.
- Luzerne Mfg. Co., machsts. & fndrs., Luzerne, Pa.
- Luzerne Milling Co., flour, Luzerne, Pa.
- Luzerne Rubber Co., Trenton, N. J.
- Luzier, T. B., & Son, patterns & models, 1641 N. 10th, Phila., Pa.
- Luzius, P. H., architect, 942 Prospect, Cleveland, Ohio.
- L.-W.-F. Engineering Co., aeroplane mfrs., College Point, L. I., N. Y.



- Lyall, Earl H., architect, 335 5th av, New York.  
 Lyall, J., & W., machsts., Passaic, N. J.  
 Lybrink, Chas., & Co., htg. contrs., 37 W. Vanburen, Chicago, Ill.  
 Lycoming Bedding Co., mattresses, Williamsport, Pa.  
 Lycoming Calcining Co., gypsum, stucco & wall plaster mfrs., Williamsport, Pa.  
 Lycoming Fdry. & Mach Co., Williamsport, Pa.  
 Lycoming Timber & Lumber Co., Pottsville, Pa.  
 Lydall & Foulds Paper Co., Manchester, Conn.  
 Lydall, H., & Foulds, machsts. & fndrs., Manchester, Conn.  
 Lydia Cotton Mills, sheetings, Clinton, S. C.  
 Lydon, M. J., contractor, Elgin, Ill.  
 Lyle Corr. Culv. Co., 171 27th av, S. E., Minneapolis, Minn.  
 Lyle & Reynolds, machsts. & fndrs., Crawfordsville, Ind.  
 Lyle Rock Co., stone prod., Kansas City, Mo.  
 Lyman, Abner A., contractor, New Britain, Conn.  
 Lyman, H. B., conductor pipe, Southampton, Mass.  
 Lyman, Harry B., masons' & bldrs.' matls., Lafayette, Ind.  
 Lyman, Hawkins Lumber Co., Akron, Ohio.  
 Lyman Hun Sight Corp., Middlefield, Conn.  
 Lyman, J. B., Jr., architect, 861 6th, San Diego, Cal.  
 Lyman, John R., Co., platers' supplies, Springfield, Mass.  
 Lyman, Jno. T., sash, door & blind mfr., Montclair, N. J.  
 Lyman Mfg. Co., candy pails, Warren, Ohio.  
 Lyman Mills, cotton sheetings, Holyoke, Mass.  
 Lyman Sand Co., Omaha, Neb.  
 Lyman, Wm. H., contractors, 155 N. Clark, Chicago, Ill.  
 Lynch, Alonzo K., belt dressing, 310 Flushing av, B'klyn, N. Y.  
 Lynch, Austin J., Co., contractors, 111 W. Monroe, Chicago, Ill.  
 Lynch Brick Co., Haverstraw, N. Y.  
 Lynch Bros. Brick Co., Holyoke, Mass.  
 Lynch Bros., & Co., brick, East Kingston, N. Y.  
 Lynch-Clarisey Co., boiler compounds, 3211 S. Wood, Chicago, Ill.  
 Lynch-Cannon Eng. Co., Dooly Bldg., Salt Lake City, Utah.  
 Lynch Co., steam fitters' supplies, Honolulu, Hawaiian Islands.  
 Lynch Construction Co., McIntyre Bldg., Salt Lake City, Utah.  
 Lynch, Edw., & Co., mill & facty. supplies, 31 S. Clinton, Chicago, Ill.  
 Lynch, Elliott, architect, 341 5th av, New York.  
 Lynch, Geo. C., Co., silk, etc., shades, 235 5th av, New York.  
 Lynch, J. Hal, architect, Dolph Bldg., St. Louis, Mo.  
 Lynch James H., contractor, 501 River av, Providence, R. I.  
 Lynch & Larkin, contractors, Yonkers, N. Y.  
 Lynch-McDonald Construction Co., Moberly, Mo.  
 Lynch, Michael, Constr. Co., Paterson, N. J.  
 Lynch & O'Brien, brick, Haverstraw, N. Y.  
 Lynch, P. J., contractor, 110 Jessie, San Francisco, Cal.  
 Lynch, V., & Co., contractors, 13 Park row, New York.  
 Lynch, W. B., lumber, Darlington, Ind.  
 Lynch Wall Trunk Co., 213 W. Austin, Chicago, Ill.  
 Lynch, Wm., boiler compounds, 32 Bay, Brooklyn, N. Y.  
 Lynch, Wm. H., contractor, West New Brighton, N. Y.  
 Lynch & Woodward, htg. contrs., 26 Beach, Boston, Mass.  
 Lynchburg Brick Co., Lynchburg, Va.  
 Lynchburg Coal & Coke Co., Lynchburg, Va.  
 Lynchburg Cotton Mills, cotton sheetings & tickings, Lynchburg, Va.  
 Lynchburg Foundry Co., Lynchburg, Va.  
 Lynchburg Lumber Mfg. Co., sash, door & blind, Lynchburg, Va.  
 Lynchburg Milling Co., flour, Lynchburg, Va.  
 Lynchburg Plow Wks., Lynchburg, Va.  
 Lynchburgh Foundry Co., machsts. & fndrs., Anniston, Ala.  
 Lynch's, Jno. R., Sons, cornices, Binghamton, N. Y.  
 Lynd-Farquhar Co., machine tool dealers, 419 Atlantic av, Boston, Mass.  
 Lynd, Leonard E., Mfg. Co., stove lid lifters, & door knobs, Mechanicville, N. Y.  
 Lyndale Dist. Co., Louisville, Ky.  
 Lynden Mill & Light Co., lumber, Lynden, Wash.  
 Lyne, C. H., castings, Miami, Fla.  
 Lyne, S. T., contractor, Fredonia, N. Y.  
 Lynn Bros., contrs., Wabash, Ind.  
 Lynn, Elliott C., contractor, Youngstown, Ohio.  
 Lynn Stall Co., hinges, Lynn, Mass.  
 Lynn Superior Co., bakers' machy., 3250 Spring Grove av, Cincinnati, Ohio.  
 Lynn Tile & Brick Works, Lynn, Ind.  
 Lynne, Sheldon, architect, 2415 Verbena, New Orleans, La.  
 Lynnhaven Lbr. Co., Norfolk, Va.  
 Lynnport Slate Wks., roofing slate mfrs., Lynnport, Pa.  
 Lynott Stove & Churn Wks., Louisiana, Mo.  
 Lynwood Mfg. Co., machsts., Hancock & Westmoreland, Philadelphia, Pa.  
 Lyon, A., contr., Ithaca, N. Y.  
 Lyon, A. S., lumber, West Bridgewater, Mass.  
 Lyon & Billard Co., masons' & bldrs.' matls., Meriden, Conn.  
 Lyon Bros., masons' & bldrs.' matls., Menominee, Mich.  
 Lyon, C. B., & Son, brick, Memphis, Tenn.  
 Lyon, C. S., flour mills, Stanford, Ky.  
 Lyon, Conklin & Co., Inc., tin plate, metals, etc.—wholesale, Baltimore, Md.  
 Lyon Cypress Lumber Co., 208 S. La Salle, Chicago, Ill.  
 Lyon, G. S., & Sons Lbr. & Mfg. Co., Decatur, Ill.  
 Lyon-Gray Lbr. Co., Sherman, Tex.  
 Lyon, H. F., Co., machy. dtrs., 24 California, San Francisco, Cal.  
 Lyon & Healy, organs, pianos, 245 S. Wabash av, Chicago, Ill.  
 Lyon Iron Wks., Greene, N. Y.  
 Lyon, J. W., brass castings, 46 Clifford, Providence, R. I.  
 Lyon, John C., soap, Newark, N. J.  
 Lyon Lumber Co., 208 S. La Salle, Chicago, Ill.  
 Lyon Metallic Mfg. Co., Aurora, Ill.  
 Lyon, Moses J., architect, Nevada Bk. Bldg., San Francisco, Cal.  
 Lyon, Robt., contractor, New Brighton, N. Y.  
 Lyon Rubber Co., Akron, Ohio.  
 Lyon, W. E., & Co., masons' & bldrs.' matls., Carthage, Ill.  
 Lyon, W. E., Iron Works, 202 E. 46th, New York.  
 Lyons, A. J., Sons, lbr. mfrs., Binghamton, N. Y.  
 Lyons, Andrew C., architect, Fairmont, W. Va.  
 Lyons Atlas Co., air compressors & Diesel oil engines, 19th & Martindale, Indianapolis, Ind.  
 Lyons Counter Co., Lynn, Mass.  
 Lyons, Edw. S., belt knives, Woburn, Mass.  
 Lyons, F. P., Iron Wks., 319 Elm, Manchester, N. H.  
 Lyons, G. E., Granite Co., West Bummerston, Vt.  
 Lyons Handle & Furniture Co., Lyons, Mich.  
 Lyons, Hugh, & Co., show cases, Lansing, Mich.  
 Lyons, J. C., Sons Co., contractors, 30 E. 42d, New York.  
 Lyons, Jas. T., contractor, Swampscott, Mass.  
 Lyons, John H., pkg. box mfrs., 548 Canal, Syracuse, N. Y.  
 Lyons, John P., brooms, 2016 26th av, S., Minneapolis, Minn.  
 Lyons Lumber Co., Hume, Ill.  
 Lyons Lumber Co., Ltd., Lake Charles, La.  
 Lyons Mach. Wks., mirrors, Lyons Station, Ia.  
 Lyons, Michael F., & Co., contractors, 7 Willow, Lynn, Mass.  
 Lyons Milling Co., flour, Lyons, Kans.  
 Lyons's Mills, lumber mfrs., Solsville, N. Y.  
 Lyons-Morgan Co., carriages, Fresno, Cal.  
 Lyons, Robt. T., architect, 52 Vanderbilt av, New York.  
 Lyons, S. C., & Bros., ochres, Bennington, Vt.  
 Lyons Stoneware & Pottery Co., Lyons, N. Y.  
 Lyons, T. H., architect, East Setauket, N. Y.  
 Lyons, Thos., & Co., broom corn, Arcola, Ill.  
 Lype Bros., cornices, Oneida, N. Y.  
 Lyraphone Co. of America, talking machines, 220 5th av, New York.  
 Lysle, J. C., Milling Co., flour, Leavenworth, Kans.  
 Lysle, Wilson (Est. of), paper & pulp mills, Landenberg, Pa.  
 Lyster Sheet Metal Co., cornices, 1220 Filbert, Philadelphia, Pa.  
 Lyth, A., & Sons Co., masons' & bldrs.' matls., 48 W. Eagle, Buffalo, N. Y.  
 Lyth Tile Co., Ellicott sq. Buffalo, N. Y.  
 Lytle Construction Co., Sioux City, Ia.  
 Lytle Logging & Mercantile Co., lumber, Hoquiam, Wash.  
 Lytle Lumber Co., Deshler, Ohio.  
 Lytton Mfg. Corp., air regulators, valves, etc., Franklin, Va.  
 L. & Z. Suit Case Co., traveling bags, 644 5th av, Pittsburgh, Pa.  
 McAlbee, G. R., Powder & Oil Co., dynamite & powder mfrs., 2d Nat. Bk. Bldg., Pittsburgh, Pa.  
 McAdam, R. B., contractor, Everett, Wash.  
 McAdams, Jno., & Sons, machsts. & fndrs., 978 Kent av, Brooklyn, N. Y.  
 McAden Mills, denims, McAdenville, N. C.  
 McAdoo & Allen, lthr. belting butts, 329 N. 3d, Phila., Pa.  
 McAleenan Boiler Co., riveted steel pipe, Peoria, Ill.  
 McAleenan Bros Co., tanks (all kinds), 25th & Railroad, Pittsburgh, Pa.  
 McAleer, E. J., & Co., tinware mfrs., 1422 N. 8th Phila., Pa.  
 McAleer, M. Frank, lime mfrs., Walkersville, Md.  
 McAlister, G., architect, Billings, Mont.  
 McAllaster & Bennett, naval archts., Central Bldg., Seattle, Wash.  
 McAllaster, J. E., & Sons, flour mills, Gouverneur, N. Y.  
 McAllister & Bell, flour mills, Covington, Va.  
 McAllister Dry Dock & Shipyard Co., machsts. & fndrs., marine rys. & ship bldrs., 24 State, New York.  
 McAllister & Kline, cornices & skylights, Lancaster, Pa.  
 McAllister & Son Constr. Co., Lewis Bldg., Portland, Ore.  
 McAllister, T. H.-Keller Co., stereopticons, 176 Fulton, New York.  
 McAllister, W. B., Co., contractors, 2165 E. 31st, Cleveland, O.  
 McAlpine, A., machsts. & fndrs., Lincoln, Neb.  
 McAlpine, A. G., & Co., granite producers, Concord, N. H.  
 McAlpine, W. J., contractor, Dixon, Ill.  
 McAndrews, John, contractor, Kankakee, Ill.  
 McAnelly Hardware Co., Huntsville, Ala.  
 McAnespie, J., & Co., woolens, Lancaster, Ohio.  
 McAnney, Jno. A., common brick, Atlantic City, N. J.  
 McArdle & Co., 2d hand barrels, 912 W. 38th pl, Chicago, Ill.  
 McArdle & Cooney, steam fitters' supplies, 519 Arch, Phila., Pa.  
 McArdle, James W., contractor, 319 Wash., Boston, Mass.  
 McArdle, Montrose P., architect, Chemical Bldg., St. Louis, Mo.  
 McArdle, P. H., machy. dir., 513 Carondelet, New Orleans, La.  
 McArdle, Wm. H., & Son, archl. iron, 511 Bainbridge, Phila., Pa.  
 McArthur, Albert C., architect, 64 W. Randolph, Chicago, Ill.  
 McArthur Brick Co., McArthur, Ohio.  
 McArthur Cut Stone Co., 4610 Rice, Chicago, Ill.  
 McArthur, Geo., & Son, towels, Baraboo, Wis.  
 McArthur, Jos. G., architect, Lincoln, Neb.  
 McArthur Junction Coal & Brick Co., Columbus, Ohio.  
 McArthur Portable Fire Escape Co., Cleveland, Ohio.  
 McArthur, W. T., turpentine, McGregor, Ga.  
 McAtee, Jno. C., contractor, Clearfield, Pa.



McAuley Automatic Trap Co., steam, 3d & Penn, Pittsburgh, Pa.  
 McAuley, J. B., contractor, Galesburg, Ill.  
 McAuliffe & Co., carriages, 108 W. 53d, New York.  
 McAuliffe-Non Siphoning Trap Co., Chelsea, Mass.  
 McAuliffe, T. G., plumbers' supplies—jobbers, Augusta, Ga.  
 McAvey Vitrified Brick Co., Phila., Pa.  
 McBee Binder Co., Athens, Ohio.  
 McBee Engine & Implement Co., Lexington, Miss.  
 McBee Lumber Co., Lexington, Miss.  
 McBrady, Jno. E., & Son, cornices, Portland, Me.  
 McBrayer Canning Co., McBrayer, Ky.  
 McBride, Michl. J., cornices, South Bethlehem, Pa.  
 McBride Parquetry Co., floors, 139th & Ryder av, New York.  
 McBride, R. L., architect, Independence, Mo.  
 McBride, T., & Son, masons' & bldrs.' matls., Elgin, Ill.  
 McBride, Thomas, lamp chimneys, Industrial, W. Va.  
 McCabe, Benj., Bro., cocoa mats & matting, 37 E. 18th, New York.  
 McCabe, Bernard, Carriage Co., Pawtucket, R. I.  
 McCabe Boiler Wks., machsts. & fndrs., 195 Commerce, Newark, N. J.  
 McCabe Bros., contractors, Bayonne, N. J.  
 McCabe & Brown, contrs., 1st Nat. Bk. Bldg., San Fran., Cal.  
 McCabe, Chas. A., conduit couplings, Wilkes-Barre, Pa.  
 McCabe Constr. Co., 1758 Central av, Cincinnati, Ohio.  
 McCabe, E., & Co., boiler makers, Lawrence, Mass.  
 McCabe, E. R., & Co., flour mills, Jackson, Tenn.  
 McCabe, Edw., stone producers, New Baltimore, N. Y.  
 McCabe Fertz. Co., Charleston, S. C.  
 McCabe, Geo. M., architect, 96 6th av, New York.  
 McCabe, Geo., & Son, tubular boilers, Richmond, Va.  
 McCabe-Hanger Mfg. Co., door hanger mfrs., 425 W. 25th, New York.  
 McCabe, J. J., machy. & lathes, 149 Broadway, New York.  
 McCabe, J. W., Co., photographic mounts, 215 Pearl, New York.  
 McCabe, Jas. F., Co., contractors, Equitable Bldg., Balto., Md.  
 McCabe, Jas. J., machsts & fndrs., 149 B'way, New York.  
 McCabe Mfg. Co., flanging mach. mfrs., Water, Lawrence, Mass.  
 McCabe, Peter, masons' & bldrs.' matls., Albany, N. Y.  
 McCabe-Powers Carriage Co., 1217 N. B'way, St. Louis, Mo.  
 McCabe, W. F., Contr. Co., White Plains, N. Y.  
 McCabe, Walter, lumber, Knoxville, Tenn.  
 McCadden Machine Works, engine pistons, 316 6th av, N., St. Cloud, Minn.  
 McCafferty, J. H., Co., machsts. & fndrs., 434 Harrison av, Boston, Mass.  
 McCafferty, Jas. A., & Sons Mfg. Co., paint mfrs., 505 Driggs av, Brooklyn, N. Y.  
 McCaffrey File Co., 5th & Berks, Philadelphia, Pa.  
 McCahan, W. J., Sugar Refining Co., Chestnut & Front, Philadelphia, Pa.  
 McCahill Soda Fountain Co., 256 W. 23d, New York.  
 McCain, W. W., radiator air moisteners, Indianapolis, Ind.  
 McCall & Abare, granite, Barre, Vt.  
 McCall, C. W., architect, Central Bk. Bldg., Oakland, Cal.  
 McCall Incinerator Co., Memphis, Tenn.  
 McCall Machine Works, dies, etc., 89 Allen, Rochester, N. Y.  
 McCall, Thos., architect, 30 N. La Salle, Chicago, Ill.  
 McCalla, Harold, Co., tin plate, metals, etc., 444 Fairmount av, Philadelphia, Pa.  
 McCallister, Wm. H., masons' & bldrs.' matls., Hurricane, W. Va.  
 McCallom Piano Co., Houston, Tex.  
 McCallum, John, contractor, 323 E. 22d, New York.  
 McCallum, Wm., cornices, Battle Creek, Mich.  
 McCalman Const. Co., contrs., Decatur, Ill.  
 McCalmont & Co., masons' & bldrs.' matls., Bellefonte, Pa.  
 McCambridge Co., brass pipe fittings, 20th & Wood, Phila., Pa.  
 McCammon, L. H., Bros., masons' & bldrs.' matls., Johnston Bldg., Cincinnati, Ohio.  
 McCance Bros. Co., galvanizing wks., Plum, Pittsburgh, Pa.  
 McCandless, Chas. W., contr., 1208 Palo Alto, Pittsburgh, Pa.  
 McCandless, H. W., & Co., decorative elec. lighting, 406 W. 31st, New York.  
 McCann Bldg. Co., 68 State, Albany, N. Y.  
 McCann Co., contractors, Evanston, Ill.  
 McCann, E. G., architect, Maryville, Ohio.  
 McCann, J. J., masons' & bldrs.' matls., Poughkeepsie, N. Y.  
 McCann & Sullivan, archt. iron, 249 E. 138th, New York.  
 McCann's, D. E., Sons, carriages, Portland, Me.  
 McCants, J. J., flour, Butler, Ga.  
 McCardell & Co., carriages & trolley wagons, Trenton, N. J.  
 McCardell, R. W., cornices & skylights, Little Rock, Ark.  
 McCargar, L. B., Feed Mill Co., North Kansas City, Mo.  
 McCarroll Bros., cornices & skylights, Ottumwa, Ia.  
 McCarroll Lumber Co., Ltd., Holden, La.  
 McCarroll Mfg. Co., machsts. & fndrs.—stoves, Ottumwa, Ia.  
 McCarroll, W. W., machsts., Geneva, N. Y.  
 McCarten, A. J., contractor, Mount Vernon, N. Y.  
 McCarthy Bros., masons' & bldrs.' supplies, 17 N. Green, Auburn, N. Y.  
 McCarthy Bros., contractors, 10 S. La Salle, Chicago, Ill.  
 McCarthy Bros. & Ford, dynamo & motor mfrs., Buffalo, N. Y.  
 McCarthy, D. F., cornices, Waterbury, Conn.  
 McCarthy, Felix, expansion joints, Pottstown, Pa.  
 McCarthy, Geo. T., contr., 929 Ironistan av, Bridgeport, Conn.  
 McCarthy Improvement Co., contractors, Davenport, Ia.

McCarthy, Jas., stone producers, wks. & dhrs., 439 W. 47th, New York.  
 McCarthy, Jas. F., contractor, 80 N. Chambers, New York.  
 McCarthy, John A., & Bro., masons' & bldrs.' matls., 551 Exterior, New York.  
 McCarthy, John J., architect, New Britain, Conn.  
 McCarthy, Jos. W., architect, 139 N. Clark, Chicago, Ill.  
 McCarthy Lumber & Constr. Co., Farmington, Mo.  
 McCarthy, M. C., contractor, Bloomington, Ill.  
 McCarthy & Malinski, mill & facty. supplies, Cairo, Ill.  
 McCarthy, Michael J., contr., 2910 Woodburn av, Cincinnati, O.  
 McCarthy, Richard, Jr., contr., Hennen Bldg., New Orleans, La.  
 McCarthy & Sons Co., contractors, Princeton, N. J.  
 McCarthy, T. C., contractor, Madison, Wis.  
 McCarthy, T. F., felt & axle washers, 255 A. S. Boston, Mass.  
 McCarthy, W. B., scrap iron, Rose Bldg., Cleveland, Ohio.  
 McCarthy, W. T., architect, 16 Court, Brooklyn, N. Y.  
 McCarthy, Wm. J., Co., bldg. contrs.—stone, Somerville, Mass.  
 McCartney, R. C., Const. Co., 622 St. Nicholas av, New York.  
 McCarty, Chas. D., architect, Exch. Bk. Bldg., Wheeling, W. Va.  
 McCarty, Chas. O., mill & facty. supplies, 300 W. Water, Syracuse, N. Y.  
 McCarty, J. C., & Co., nitre boxes & whol. hdwe., 29 Murray, New York.  
 McCarty, Merrell S., contr., 7107 Manchester, St. Louis, Mo.  
 McCarty & Moore, machsts. & fndrs., Leadville, Colo.  
 McCaskey Register Co., Alliance, Ohio.  
 McCaskill, J. J., Co., turpentine, Fla.  
 McCaslin, Jas. R., contractor, Youngstown, Ohio.  
 McCathron Boiler Wks. Co., Bridgeport, Conn.  
 McCaughey Mill Co., lumber, Fortson, Wash.  
 McCaul, Chas., Co., contractors, 1715 Sansom, Philadelphia, Pa.  
 McCauley Belting Co., leather belting, 412 Orleans, Chicago, Ill.  
 McCauley, Chas., scrap iron & steel, Montpelier, Ind.  
 McCauley, Frank, brass & bronze castings, etc., 502 W. 25th, New York.  
 McCauley, Geo. A., masons' & bldrs.' matls., Anoka, Minn.  
 McCauley, J. L., architect, N. Y. Bldg., Seattle, Wash.  
 McCauley, J., & W., packing box mfrs., 636 Filbert, Phila., Pa.  
 McCauley, W. H., & Son, contrs., 1018 Myrmns av, Balto., Md.  
 McCauliff, F. A., granite, Fitchburgh, Mass.  
 McCaulley, Harry, contractor, 42 Helen, New Haven, Conn.  
 McCaully Storage Battery Co., 1060 St. Clair, Cleveland, Ohio.  
 McCausland Bros., brick, Akron, Ohio.  
 McCausland, J. N., & Co., cornices & skylights, Charlotte, N. C.  
 McCausland, John, paper cop tubes, East Providence, R. I.  
 McCausland, W. B., contractor, Portland, Me.  
 McCausland, W. H., Son, contrs., 116 Larned W., Detroit, Mich.  
 McCavick Constr. Co., Dallas, Tex.  
 McCoy, H. B., cornices & skylights, Bozeman, Mont.  
 McCellan, Wm., stone, Wayne, Pa.  
 McChesney & Tracy Lbr., Co., 120 Plum, Syracuse, N. Y.  
 McClanahan & Shea, cornices & skylights, Maysville, Ky.  
 McClanahan & Terry, architects, Columbus, Miss.  
 McClaran, E. E., architect, Lumber Exchange, Portland, Ore.  
 McClare & Boyd, architects, 649 Mass. av, Cambridge, Mass.  
 McClarren, S. T., architect, St. Petersburg, Fla.  
 McClary-Jemison Machine Co., Birmingham, Ala.  
 McClaskey, B., & Son, distillers, Bloomfield, Ky.  
 McClaskey, W. A., cornices, Albuquerque, N. M.  
 McClaugherty, J. K., canned goods, Springwood, Va.  
 McClave Grate Bar Co., grate bar mfrs., 30 Warren, New York.  
 McClay, A. W., contractor, Richmond, Va.  
 McClay, John H., contr., Hammond, Ind.  
 McClean, C., & W. Merc. Co., fish nets & seines, 415 Washington av, St. Louis, Mo.  
 McClean, Geo. H., Co., steam hgt. contrs., Springfield, Mass.  
 McClelland, Thos., Hardware Co., Jackson, Miss.  
 McClellan, A. H., machinist, Montague, Cal.  
 McDermott, Wm., contractor, Stapleton, N. Y.  
 McDonald, A. H., gas engines, 547 W. Monroe, Chicago, Ill.  
 McDonald, A. Y., Mfg. Co., mill & facty., plumbers' & steam fitters' supplies, Dubuque, Iowa.  
 McDonald, Alex., trunks, 15 Beacon, Boston, Mass.  
 McDonald, Alex., stone producers, Trenton, N. J.  
 McDonald, Andrew W., contractor, Steubenville, Ohio.  
 McDonald Bros., automobile tire trunks, Seattle, Wash.  
 McDonald Bros., fndrs., Omaha, Neb.  
 McDonald Bros., lumber mfrs., Helena, Ark.  
 McDonald, C. C., archt., 1st Nat. Bk. Bldg., Houston, Tex.  
 McDonald, C. S., archt., Brooks Arcade Bldg., Salt Lake City, Utah.  
 McDonald, Chas. V., architect, Ephrata, Wash.  
 McDonald, Chas. W., contractor, 3923 B'way, New York.  
 McDonald, E. L., & Son, contractors, Lebanon, Ind.  
 McDonald Educational Inst., engng. schools & col., 7th & Walnut, Cincinnati, Ohio.  
 McDonald Elec. Co., watch demagnetizers, Chenoa, Ill.  
 McDonald Fdry., iron castings, Columbus, Ohio.  
 McDonald & Hartman, masons' & bldrs.' matls., Rochester, Pa.  
 McDonald, J., machst., 37 S. Clinton, Chicago, Ill.  
 McDonald, J. A., Co., masons' & bldrs.' matls., Miami, Fla.  
 McDonald, J. C., & Son, brick, Hammond Bldg., Detroit, Mich.  
 McClellan, Chas. P., auto. tops, Fall River, Mass.  
 McClellan & Gotwalt, Ltd., masons' & bldrs.' matls., York, Pa.  
 McClellan, James A., turpentine, Monticello, Fla.  
 McClellan, Jos. B., contractors, 131 State, Boston, Mass.



- McClellan Paper Co., 700 S. 4th, Minneapolis, Minn.  
 McClellan Refrigerating Mach. Co., 570 W. Adams, Chicago, Ill.  
 McClellan, Wm., File Co., 3444 Hamilton rd., Cleveland, Ohio.  
 McClelland, R. E., cornices, 4220 E. 56th, Kansas City, Mo.  
 McClelland, T. W., Co., lumber mfrs., Davenport, Ia.  
 McClelland Tile Co., brick, Laurelvill, Ohio.  
 McClellanville Canning Co., McClellanville, S. C.  
 McClellan, H. A., & Bro., contractors, 13th & Shunk, Phila., Pa.  
 McClenahan, H. J., & Co., machsts., 617 Water, Baltimore, Md.  
 McClenahan, T. W., & Co., contrs., Rialto Bldg., San Fran., Cal.  
 McClennan Metal Products Co., cabinets, 122 S. Michigan av, Chicago, Ill.  
 McCleverty, Jas., duster mfrs., 148 Wilkey, Philadelphia, Pa.  
 McClintic-Marshall Co., machsts. & fndrs., Lexington & P. R. R., Pittsburgh, Pa.  
 McClintic-Marshall Construction Co., Oliver Bldg., Pittsburgh, Pa.  
 McClintock, A., steam htg. contrs., 1937 Ridge av, Phila., Pa.  
 McClintock & Craig, architects, 33 Lyman, Springfield, Mass.  
 McClintock, John T., architect, 15 Exchange, Boston, Mass.  
 McClintock & Weaver, contrs., 24 N. Phila., Ellena, Germantown, Philadelphia, Pa.  
 McClinton & Co., carriages, 309 Sandusky, Pittsburgh, Pa.  
 McCloy, Howard, architect, Gerke Bldg., Cincinnati, Ohio.  
 McCloskey & Bahls, contractors, 1820 Thompson, Phila., Pa.  
 McCloskey Varnish Co., S. 30th, e Locust, Philadelphia, Pa.  
 McCloud, Wm. J., & Co., contractors, Elizabeth, N. J.  
 McClove-Brooks Co., mechanical stokers & castings, Poplar, Scranton, Pa.  
 McClung, C. N., & Co., plumbers', mill & facty. supplies & wholesale hardware, Knoxville, Tenn.  
 McClunie, J. A., naval archt., 177 Asylum, Hartford, Conn.  
 McClure Co., silos, Saginaw, Mich.  
 McClure Contracting Co., 61 E. 6th, St. Paul, Minn.  
 McClure, G. W., Son & Co., open hearth furnace, Bessemer Bldg., Pittsburgh, Pa.  
 McClure, Geo. W., & Son, archts., 34 Gates Circle, Buffalo, N. Y.  
 McClure, J. W., machst. & fndr., Assumption, Ill.  
 McClure, Jas., bldg. contr., McClure Bldg., St. Paul, Minn.  
 McClure, John C., patterns & models, 21 Hackett, Newark, N. J.  
 McClure, Johnston & Co., tin plate & metals, 1143 Liberty av, Pittsburgh, Pa.  
 McClure Lumber Co., Wagar, Ala.  
 McClure Mfg. Co., kitchen cabinets, Marion, Ind.  
 McClure, R. P., Constr. Co., Ozark Bldg., St. Louis, Mo.  
 McClure-Taylor Co., fertilizer, Duluth, Ga.  
 McCluskey, H. & T., & Sons, wire & wire cloth, New Haven, Conn.  
 McCoig, Harry L., & Co., contractors, 348 McKnight, Minneapolis, Minn.  
 McColl & Abare, granite, Barre, Vt.  
 McColl Const. Co., 327 S. La Salle, Chicago, Ill.  
 McCollin, Thos. H., & Co., architects' instruments & supplies, 54 N. 9th, Philadelphia, Pa.  
 McCollum, J. M., architect, Berger Bldg., Pittsburgh, Pa.  
 McComas Bros., fertilizer mfrs. & masons' & bldrs.' matls., Bel Air, Md.  
 McComas, G. W., & Co., canned goods, Monrovia, Md.  
 McComas, Geo. W., & Sons, canned goods, Singer, Md.  
 McComb, A. M., mill & facty. supplies, 116 N. 3d, Phila., Pa.  
 McComb Bros., harness, Wichita, Kans.  
 McComb Supply Co., whol. hdwe., Jellico, Tenn.  
 McComb, Thos., mill & facty. supplies, 209 Shipley, Wilmington, Del.  
 McComber & White Rope Co., wire rope mfrs., 507 S. Clinton, Chicago, Ill.  
 McComeskey, T., harness twine, fish lines, etc., 3731 Frankford, Philadelphia, Pa.  
 McConegly, Frank P., contractor, 6023 St. Maria, Pittsburgh, Pa.  
 McConnell & Bro., cornices, Ashland, Pa.  
 McConnell-Browning Eng. Co., machsts., 1015 E. Cary, Richmond, Va.  
 McConnell Hardware Co., steam fitters' supplies, Hurley, Wis.  
 McConnell, S. R., & I. C., horse collars, Burlington, Ia.  
 McConnell & Watterson Co., masons' & bldrs.' matls., Kittanning, Pa.  
 McConway & Torley Co., machsts. & fndrs., 48th & A. V. R. R., Pittsburgh, Pa.  
 McCook Brick Co., McCook, Neb.  
 McCoppin, Jos., contractor, Little Rock, Ark.  
 McCord & Co., journal boxes, draft gear, loco. lubricators, 122 S. Michigan av, Chicago, Ill.  
 McCord & Ives, architects, Powers Bldg., Rochester, N. Y.  
 McCord Mfg. Co., carburetors, metallic gaskets, sash locks, etc., Detroit, Mich.  
 McCorkell & Hurd, machsts. & fndrs., Flint, Mich.  
 McCormack, Chas. B., & Son, contrs., Columbia Bldg., St. Louis, Mo.  
 McCormack-Combs Constr. Co., Columbia Bldg., St. Louis, Mo.  
 McCormack, P. H., Co., stone producers, Columbus, Ind.  
 McCormick, advertising novelties, Coshocton, Ohio.  
 McCormick, A. D., contractor, Holyoke, Mass.  
 McCormick Bros., harvesters—blue grass, Winchester, Ky.  
 McCormick Bros. Iron Works, Main & Folsom, San Fran., Cal.  
 McCormick & Co., glue mfrs., Baltimore, Md.  
 McCormick, D. G., Co., turpentine, Edge, Fla.  
 McCormick, D., & Son, stone, Holyoke, Mass.  
 McCormick & Dunn, whol. hdwe., Troy, N. Y.  
 McCormick, E. H., & Sons, patent leather, Av C, Newark, N. J.  
 McCormick, E. J., Rubber Co., 355 W. 36th, New York.  
 McCormick, Eugene, architect, Brookhaven, Miss.  
 McCormick & French, archts., 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.  
 McCormick, Geo. H., Son & Co., brick, Gallipolis, Ohio.  
 McCormick, Harry E., archt., 270 Main, New Rochelle, N. Y.  
 McCormick, J. S., Co., foundry faces, 25th & A. V. R. R., Pittsburgh, Pa.  
 McCormick, John C., contractor, Ottawa, Ill.  
 McCormick, Jos., contractor, East Providence, R. I.  
 McCormick, Jos. M., & Bro., contractors, Erie, Pa.  
 McCormick Lumber Co., McCormick, Wash.  
 McCormick, M. L., & Bro., carriages, Penna av & Retreat, Baltimore, Md.  
 McCormick Mfg. Co., machsts., Dayton, Ohio.  
 McCormick Mer. & Dist. Co., Waldron, Mo.  
 McCormick Plumbing Supply Co., 179 Baker, Detroit, Mich.  
 McCormick, S. O., masons' & bldrs.' matls., New Salem, Pa.  
 McCormick-Saeltzner Co., mill & facty. supplies—wholesale hdwe., Redding, Cal.  
 McCormick, Thos. E., contractor, 810 Lincoln rd, Brooklyn, N. Y.  
 McCormick, W. H., & Son, mill & facty. supplies, Perth Amboy, N. J.  
 McCormick Waterproof Portland Cement Co., Main & Angelica, St. Louis, Mo.  
 McCormick, Wm. D., architect, Century Bldg., Pittsburgh, Pa.  
 McCormick & Winters, mfrs. agts., Widener Bldg., Phila., Pa.  
 McCosh & Co., masons' & bldrs.' matls., Davenport, Ia.  
 McCourt Label Cabinet Co., Bradford, Pa.  
 McCourt, P. T., contractor, Riverside Cemetery, Cleveland, Ohio.  
 McCowen, H. A., & Co., lbr. & fndrs., Salem, Ind.  
 McCoy & Brandt, machy. dtrs., 216 Penn av, Pittsburgh, Pa.  
 McCoy Brick & Tile Co., Augusta, Ga.  
 McCoy Canning Co., Urbana, Ohio.  
 McCoy, Henry J., Co., mill & facty. supplies, 65 Dey, New York.  
 McCoy, J. B., & Son, elec. & gas light fixture mfrs., machsts. & fndrs., 114 W. 30th, New York.  
 McCoy, Jno. F., architect, Danville, Ill.  
 McCoy, Jos. F., Co., shears, miners' safety lamps, hygrometers & wholesale hardware, 157 Chambers, New York.  
 McCoy-Linn Iron Co., Milesburg, Pa.  
 McCoy Lumber Co., 847 Sec. Bk. Bldg., Minneapolis, Minn.  
 McCoy Sanitary Stoneware Co., Roseville, Ohio.  
 McCoy Silo Form Co., concrete forms, Bakewell Bldg., Pittsburgh, Pa.  
 McCoy, Thos., & Sons, fndrs., San Diego, Cal.  
 McCracken, E. Leo., architect, 417 Main, Springfield, Mass.  
 McCracken, J., Co., masons' & bldrs.' matls., Blake-McFall Bldg., Portland, Ore.  
 McCracken, J. E., Supply Co., masons' & bldrs.' matls., 629 E. Front, Cincinnati, Ohio.  
 McCracken, M. J., flour mills, Waynesville, N. C.  
 McCrady, A. C., cornices, Watertown, N. Y.  
 McCrady Bros. Co., masons' & bldrs.' matls.—contrs., Brad-dock, Pa.  
 McCrary, J. B., Co., contractors, Atlanta, Ga.  
 McCray, J. Henry, architect, Rockville, Conn.  
 McCray Refrigerator Co., 6655 Lake, Kendallville, Ind.  
 McCray, Wm. H., contractor, Bond Bldg., Washington, D. C.  
 McCrea, A. Wallace, & Co., architects, 23 E. 15th, New York.  
 McCrea, W. S., & Son, masons' & bldrs.' matls., St. Petersburg, Fla.  
 McCready, J. B., machst., Parksley, Va.  
 McCready, John, lumber, Twining, Mich.  
 McCready, R. W., Cork Co., 344 W. Illinois, Chicago, Ill.  
 McCready & Webster, canned goods, Chance, Md.  
 McCreary, Edw., machsts., Cohoes, N. Y.  
 McCreary Engng. Co., humidifying app., Detroit, Mich.  
 McCreary Lumber Co., Franklinton, La.  
 McCreary Mfg. Co., mailing tubes, Erie, Pa.  
 McCreary & Willard, contractors, Spokane, Wash.  
 McCredie, Jas., masons' & bldrs.' matls., Aurora, Ill.  
 McCreery Mfg. Co., machsts., Toledo, Ohio.  
 McGreevy & Ortman Co., masons' & bldrs.' matls., Dayton, O.  
 McCrillis Handle Co., Norwalk, Ohio.  
 McCrillis, J. B., & Son, carriage bodies, Manchester, N. H.  
 McCroden, Jno., & Co., grindstones, 33 West, New York.  
 McCrosky Reamer Co., elec. fixtures, Meadville, Pa.  
 McCubbin, Wm. M., brick, Braymer, Mo.  
 McCue, John J., cut glassware, 683 Lorimer, Brooklyn, N. Y.  
 McCun, Thos., & Son, contractors, Brookline, Mass.  
 McCulloch, A. P., Machine Co., engineers, machinists & designers & builders of tools, dies & special machinery, 216 High, Boston, Mass., *See adv index at end of book.*  
 McCulloch, H. M., canned goods, Buchanan, Va.  
 McCulloch & Moss Lbr. Co., 310 Lbr. Ex., Minneapolis, Minn.  
 McCulloh, R. N., & Co., contractors, 118 E. Lexington, Balto., Md.  
 McCullom, Geo., pipe hangers, Muskegon, Mich.  
 McCullough & Cheney, contrs., Temple ct, Minneapolis, Minn.  
 McCullough-Dalzell Crucible Co., 36th & A. V. R. R., Pittsburgh, Pa.  
 McCullough, Frank W., lumber, Norfolk, Va.  
 McCullough, H., masons' & bldrs.' matls., Swedesboro, N. J.  
 McCullough, Herbert M., architect, Ferguson Bldg., Ptg., Pa.  
 McCullough Iron Co., Equitable Bldg., Wilmington, Del.  
 McCullough, Jas. A., architect, 1631 M, Sacramento, Cal.



- McCullough, Jas., Jr., masons' & bldrs.' matls., Kittanning, Pa.  
 McCullough, John, scrap iron & steel, New Bedford, Mass.  
 McCullough Lumber & Coal Co., Monmouth, Ill.  
 McCullough Mfg. Co., lubricators, 2632 Central av, N. C., Minneapolis, Minn.  
 McCullough, Richard H., sash, door & blind, Plainfield, N. J.  
 McCullough & Taft, machsts. & fndrs., Calais, Me.  
 McCullough, W. J., Co., machsts. & fndrs., Ypsilanti, Mich.  
 McCully & Miles Co., glass mosaic wk., 338 River, Chicago, Ill.  
 McCully, R. P., & C. H., sheet metal stamping, screw mach. products, etc., 331 Van Buren, Brooklyn, N. Y.  
 McCumber, Wm., contractor, 140 S. Dearborn, Chicago, Ill.  
 McCune, F. G., architect, Winne Bldg., Wichita, Kans.  
 McCurdy-Miller Co., elec. & gas light fixtures, Van Nuys Bldg., Los Angeles, Cal.  
 McCurry & Inman Co., harness mfrs., Fairburn, Ga.  
 McCutcheon Bros. & Quality, printing inks, 1130 Callowhill, Philadelphia, Pa.  
 McCutcheon, C. H., mill & facty. supplies, 27 Washington, Buffalo, N. Y.  
 McDade Pottery, McDade, Tex.  
 McDaniel, A. H., masons' & bldrs.' matls., Augusta, Ga.  
 McDaniel, C. E., boilers, Ottumwa, Ia.  
 McDaniel Milling Co., flour, Carthage, Mo.  
 McDaniel, R. B., Co., contractors, New Brighton, Pa.  
 McDaniel & Son, steel tanks, windmills, Litchfield, Ill.  
 McDaniels, Wm., lumber, Conconully, Wash.  
 McDermaid, J., churns, dog power treads, Rockford, Ill.  
 McDermott Bros., tanks & dryers mfrs., Allentown, Pa.  
 McDermott Bros., contractors, 46 High, Worcester, Mass.  
 McDermott, Chas., contractor, Penna. Bldg., Philadelphia, Pa.  
 McDermott & Collopy, archts., 1st Nat. Bk. Bldg., Cincinnati, O.  
 McDermott & Cooper, contractors, Grand Rapids, Mich.  
 McDermott, Edward, Co., archts., 582 Spring, W. Hoboken, N. J.  
 McDermott Engineering Co., Allentown, Pa.  
 McDermott & Hanigan, contractors, 103 Park av, New York.  
 McDermott, Jno., Co., contractors, Schenectady, N. Y.  
 McDermott, P. J., machsts., Martin's Ferry, Ohio.  
 McDermott Stone Co., McDermott, Ohio.  
 McDermott Surgical Instrument Co., 734 Poydras, New Orleans, La.  
 McDonald, D., & Co., gas meters, 991 B'way, Albany, N. Y.  
 McDonald, J. S., Co., loose leaf devices, 638 Federal, Chicago, Ill.  
 McDonald, J. W., Co., contrs., Monadnock Bldg., San Fran., Cal.  
 McDonald, Jas., contractor, Delaware, Ohio.  
 McDonald, Jas., & Sons Co., plumbers' supplies—jobbers, Cincinnati, Ohio.  
 McDonald, John, brick, Brewer, Me.  
 McDonald, John, architect, Omaha Nat. Bk. Bldg., Omaha, Neb.  
 McDonald, John F., Lumber Corp., Lumber Exch., Minneapolis, Minn.  
 McDonald, John S., machst., New Orleans, La.  
 McDonald, Jno. W., & Son, lbr. mfrs., 106 Wall, New York.  
 McDonald, Kenneth, Sr., architect, Call Bldg., San Fran., Cal.  
 McDonald & Kivell, contractors, 155 Milk, Boston, Mass.  
 McDonald Mach. Co., 3207 Shields av, Chicago, Ill.  
 McDonald Mfg. Co., lbr., Portland, Me.  
 McDonald Packing Co., Eastport, Me.  
 McDonald Paint & Glass Co., 1408 Grand av, Kansas City, Mo.  
 McDonald, Peter, Co., contractors, Bethel, Conn.  
 McDonald & Sons, flour mills, Rogersville, Tenn.  
 McDonald & Weaver, fertilizer, Cuthbert, Ga.  
 McDonald, Wm., Sons, agricultural implements, Lapeer, Mich.  
 McDonald's, T. R., Fdry., Athens, Pa.  
 McDonnell Boiler & Iron Wks., Des Moines, Ia.  
 McDonnell & Brannen, machsts. & fndrs., Bolivar, N. Y.  
 McDonnell Brick Co., Middletown, Conn.  
 McDonnell, D. P. J., stone producer, Clinton, Ia.  
 McDonnell Foundry & Machine Co., Jackson, Miss.  
 McDonnell, J. Philip, architect, Ford Bldg., Detroit, Mich.  
 McDonnell, P., contractor, Duluth, Minn.  
 McDonnell & Sons, stone, 858 Main, Buffalo, N. Y.  
 McDonnell, T. F., & Co., contractors, Waterloo, Ia.  
 McDonough Automatic Regulator Co., machsts., 716 Grand River av, Detroit, Mich.  
 McDonough, E. J., & Co., meat packers, Peoria, Ill.  
 McDonough, H., contractor, 265 Bergen av, Jersey City, N. J.  
 McDonough Iron Wks., Galveston, Tex.  
 McDonough, J. J., machinist, Savannah, Ga.  
 McDonough, John, contractor, 394 Blecker, New York.  
 McDonough Mfg. Co., machsts. & fndrs., Eau Claire, Wis.  
 McDonough, Mich'l, Co., contractors, Swampscott, Mass.  
 McDougal, Outland & Co., turpentine, Clito, Ga.  
 McDougal, Victor, brick, North Robinson, Ohio.  
 McDougald, J. A., turpentine, Statesboro, Ga.  
 McDougall, Benj. G., architect, Sheldon Bldg., San Fran., Cal.  
 McDougall Bros., architects, Russ Bldg., San Francisco, Cal.  
 McDougall Co., kitchen cabinets, Frankfort, Ind.  
 McDougall-Duluth Co., steel shipbuilders, Duluth, Minn.  
 McDougall, G. M., Co., landscape archts., 45 Monument pl, Indianapolis, Minn.  
 McDougall & Potter Co., machsts. & fndrs., 606 W. 55th, New York.  
 McDougall Varnish Co., 1317 Elk, Buffalo, N. Y.  
 McDowell, Chas. M., masons' & bldrs.' matls., Mansfield, Pa.  
 McDowell & Co., 2d hand pipe, Grant & Western, Pittsburgh, Pa.  
 McDowell Crate & Lumber Co., Oak, Fla.  
 McDowell, E. O., fixture joints, 154 Nassau, New York.  
 McDowell Fdry. Co., Chicago Heights, Ill.  
 McDowell & Henderson, architects, Burlington, Vt.  
 McDowell, John Kenyon, lbr. mfr., 211 Wilkinson, Syracuse, N. Y.  
 McDowell Mfg. Co., stamping inks, dies, etc., Home Trust Bldg., Pittsburgh, Pa.  
 McDowell Oven Co., 282 State, Boston, Mass.  
 McDowell Paper Mills, Main & Levering, Philadelphia, Pa.  
 McDowell, R. G., & Co., architects, Good blk, Des Moines, Ia.  
 McDowell Stocker & Co., machy. dhrs., 121 N. Jeff'n, Chicago, Ill.  
 McDowell, W. B., architect, Lexington, Va.  
 McDowell, W. L., oil & gas well supplies, Knox, Pa.  
 McDuff, J. Leo, contr., 1350 Pawtucket av, Providence, R. I.  
 McDuff, Wm. J., machst. & fndr., Lakeport, N. H.  
 McDuffie-Emerson, machsts. & fndrs., Marion, S. C.  
 McDuffie Oil & Fertilizer Co., Thomson, Ga.  
 McEachern, J. A., Co., dock & ship bldrs., Seattle, Wash.  
 McElfatrick, Wm. H., theatre archt., 701 7th av, New York.  
 McElliott, D. P., medical batteries, 175 N. State, Chicago, Ill.  
 McElnea, David, contractor, Orange, N. J.  
 McElnea, Henry, contractor, West Orange, N. J.  
 McElraevy & Hauck Co., plumbers', mill & facty. supplies—jobbers, 440 Broadway, Brooklyn, N. Y.  
 McElroy & Kinports, architects, Essex Bldg., Minneapolis, Minn.  
 McElwaine Mfg. & Auto Co., machsts. & fndrs., Bradford, Pa.  
 McElwee Bros., contractors, 1629 South, Philadelphia, Pa.  
 McElwee, Geo. D., machst. & fndr., Centerville, Miss.  
 McEnhill Bros., contractors, 192 15th, Detroit, Mich.  
 McEntee, Geo. H., contractor, 1123 B'way, New York.  
 McEntire Brothers, mattresses, Topeka, Kans.  
 McErlain & Jackson Co., masons' & bldrs.' matls., South Bend, Ind.  
 McEvoy, Chas. H., cords, elec. card tips, Dowell, Mass.  
 McEvoy, J. H., & Co., oil & gas well supplies, Houston, Tex.  
 McEwan Bros., paper & pulp mills, Whippany, N. J.  
 McEwen Bros., machsts. & fndrs., Wellsville, N. Y.  
 McEwen Bldg. & Mfg. Co., sash, door & blind mfrs., 828 Wells, Chicago, Ill.  
 McEwen Lbr. Co., Asheville, N. C.  
 McEwen, Peter J., architect, 15 Beacon, Boston, Mass.  
 McEwing & Thomas Clay Products Co., hollow brick, Fullerton Bldg., St. Louis, Mo.  
 McFadden, H. G., & Co., elec. portables & shade holders, 38 Warren, New York.  
 McFadden, John, cornices & skylights, Santa Anna, Cal.  
 McFadden Rice Milling Co., Beaumont, Tex.  
 McFaddin, H. G., & Co., lamps, 38 Warren, New York.  
 McFann, Cassius C., architect, Kokomo, Ind.  
 McFarlan Motor Co., auto, bldrs., Connersville, Ind.  
 McFarlan & Spilker Mfg. Co., machsts., Colerain & Dorman, Cincinnati, Ohio.  
 McFarland Bros., tubular boilers, 5527 S. State, Chicago, Ill.  
 McFarland, C. T., architect, Haverhill, Mass.  
 McFarland, E. H., architect, Valley City, N. D.  
 McFarland Foundry & Machine Co., castings, friction clutches, machy. dealers, patterns & models & rubber molds, Trenton, N. J.  
 McFarland-Hyde Co., cornices, fire proof doors & windows, 2701 S. 5th av, Chicago, Ill.  
 McFarland, Jesse D., architect, 721 Olive, St. Louis, Mo.  
 McFarland Meade Co., metallic window frame, Woodland av & 46th, Philadelphia, Pa.  
 McFarlane & Co., machsts. & fndrs., Central City, Colo.  
 McFarlane Mfg. Co., wire rope tramways—machsts. & fndrs., 3309 Blake, Denver, Colo.  
 McFarlane, Peter, & Sons Iron Wks. Co., machsts., Denver, Colo.  
 McFeely Brick Co., Latrobe, & 1st Nat. Bk. Bldg., Pittsburgh, Pa.  
 McFeely Bros., masons' & bldrs.' matls.—contrs., Steubenville, O.  
 McFeeters, Chas., contractor, 586 Orchard, New Haven, Conn.  
 McFell Signal Co., fire alarms, 2857 S. Halsted, Chicago, Ill.  
 McFerran, J. W., canned goods, Fincastle, Va.  
 McFerson & Foster Co., lbr. mfrs., Evansville, Ind.  
 McFetrick Lumber & Coal Co., masons' & bldrs.' matls., Valparaiso, Ind.  
 McFie, W. T., Supply Co., machinists' tools & supplies, Los Angeles, Cal.  
 McCaghey, P. B., & Co., contractors, Little Falls, N. Y.  
 McGahee Cut Granite Co., Lithonia, Ga.  
 McGahey & O'Connor, contractors, 319 Washington, Boston, & Cambridge, Mass.  
 McGann, Thos. F., & Sons Co., architectural & sculptural bronze, 117 Portland, Boston, Mass. *See adv index at end of book.*  
 McGarigle Mach. Co., miniature locomotives, Niagara Falls, N. Y.  
 McGarry, John A., & Co., contrs., 189 W. Madison, Chicago, Ill.  
 McGarry, W. P., Co., contractors, 306 Freeman, Brooklyn, N. Y.  
 McGarvey, G. A., architect, New Richland, Minn.  
 McGarvey, John N., contr., 61st & Oxford, Philadelphia, Pa.  
 McGaughey Bros. Hdwe. Co., Pine Bluff, Ark.  
 McGavic Lbr. Co., masons' & bldrs.' matls., Decatur, Ill.  
 McGavic, S. L., Lumber Co., Ottumwa, Ia.  
 McGavock Bros., masons' & bldrs.' matls., Beloit, Wis.  
 McGee, H. T., architect, Tenn. Trust Bldg., Memphis, Tenn.  
 McGee, Jos., Iron & Brass Fdry. Co., 51 6th, L. I. City, N. Y.  
 McGee Mfg. Co., woolen blankets, Greenville, S. C.  
 McGee, O. G., & Son, foundry, Richmond, Va.  
 McGee, Percy, Jr., architect, Mills Bldg., El Paso, Tex.



- McGee-Ross Hardware Co., Jackson, Tenn.  
 McGee, W. J., contractor, Jackson, Miss.  
 McGhee's Geo., Sons, stone, Elizabeth, N. J.  
 McGeoy, Frank R., architect, Greenwood, Miss.  
 McGibbon Engng. & Iron Wks., tubular boilers, 14 Columbia, Brooklyn, N. Y.  
 McGill, E. G., contractor, Cumberland, Md.  
 McGill, Irvin H., contractor, 347 5th av, Pittsburgh, Pa.  
 McGill, J. A., Match. Co., 2267 Clybourne av, Chicago, Ill.  
 McGill Mfg. Co., electrical specialties, lamp guards, etc., 26 Oak, Valparaiso, Ind. *See adv index at end of book.*  
 McGill Ticket Punch Co., 542 W. Harrison, Chicago, Ill.  
 McGillivray Construction Co., Sacramento, Cal.  
 McGillivray, J. J., architect, Black River Falls, Wis.  
 McGillivray, J. J., sash, door & blind, Black River, Wis.  
 McGilvray Stone Co., 634 Townsend, San Francisco, Cal.  
 McGinley Cut Stone Co., Altoona, Pa.  
 McGinley, Howard J., & Co., cornices, 1719 Ludlow, Phila., Pa.  
 McGinn, G. W., & Co., contrs., Phelan Bldg., San Fran., Cal.  
 McGinnes Bros., contractors, 202 Milvale, Pittsburgh, Pa.  
 McGinnes, M., contractor, 20 Margaret, Providence, R. I.  
 McGinness Co., heating contrs., 320 Liberty, Pittsburgh, Pa.  
 McGinnis, A. Co., distillers, Carrollton, Md.  
 McGinnis Bros. Co., gin distillers, Canton av & 7th, Balto., Md.  
 McGinnis & Co., sash, door & blind, Nashville, Tenn.  
 McGinnis, N. C., & Co., contractors, Memphis, Tenn.  
 McGinniss, Joseph, architect, 16 Arlington, Boston, Mass.  
 McGinty, Wm. H., architect, 101 Tremont, Boston, Mass.  
 McGirr, Edw. B., architect, 6 Beacon, Boston, Mass.  
 McGlashan, Norman, architect, 1123 B'way, New York.  
 McGlaulin, J. R., architect, Hoquiam, Wash.  
 McGlinn Distilling Co., 145 S. 2d, Philadelphia, Pa.  
 McGlone Bros., spokes, Morehead, Ky.  
 McGloughlin Iron & Brass Fdry Co., Laconia, N. H.  
 McGoldrick Lumber Co., Spokane, Wash.  
 McGonegal, Frank E., machsts. & fndrs., Holly, Mich.  
 McGoodwin, Robt. R., architect, 34 S. 16th, Philadelphia, Pa.  
 McGoogan, J. J., machsts., St. Louis, Mo.  
 McGookin, D. H., bolt, nut & rivet mfrs., 1630 N. 9th, Phila., Pa.  
 McGovern, M. H., contractor, 332 S. Michigan av, Chicago, Ill.  
 McGovern & Smith, tubular boilers, 2046 E. Lehigh av, Philadelphia, Pa.  
 McGovney, C. A., architect, 1056 W. Gold, Butte, Mont.  
 McGowan Bros. Hardware Co., Spokane, Wash.  
 McGowan, Jas., & Co., sash, door & blind mfrs., 14 Exchange pl, Providence, R. I.  
 McGowan, John H., Co., 52 Central, Cincinnati, Ohio.  
 McGowan-Lyons Hardware & Supply Co., Mobile, Ala.  
 McGowan, P. J., & Sons, canned goods, McGowan, Wash.  
 McGranor, Jas. G., contractor, 1900 Enoch, Pittsburgh, Pa.  
 McGrath Bros., granite, S. Quincy, Mass.  
 McGrath, Daniel W., contractor, New First Nat. Bk. Bldg., Columbus, Ohio.  
 McGrath, H. J., Co., canned goods, Atlantic Wharf & Lakewood av, Baltimore, Md.  
 McGrath, J. B., Hardware Co., Hastings, Neb.  
 McGrath, J. P., architect, Schofield Bldg., Cleveland, Ohio.  
 McGrath, J. T., & Son, machsts. & fndrs., Bloomington, Ill.  
 McGrath, Jas. E., lumber, Stillwater, Minn.  
 McGrath, John J., cotton waste, 1338 N. Front, Phila., Pa.  
 McGrath, Jno. L., stone producers, Phoenixia, N. Y.  
 McGrath, Michael, & Co., granite prod., B'way, L. I. City, N. Y.  
 McGrath, Robert, machsts. & fndrs., Lafayette, Ind.  
 McGratty & Sons, marble interior wk., 313 Butler, B'klyn, N. Y.  
 McGratty & Wheeler, sash, door & blind, Haverhill, Mass.  
 McGraw Co., mill & facty. supplies, Sioux City, Ia.  
 McGraw & Crone, cornices, Jackson, Mich.  
 McGraw, Jas., mill & facty. supplies—whol. hdwe., 1442 E. Main, Richmond, Va.  
 McGraw, Jas., Co., contrs., Commercial Trust Bldg., Phila., Pa.  
 McGraw, John H., & Sons, contractors, Bellaire, Ohio.  
 McGraw Plaster Co., masons' & bldrs.' matls., Free Press Bldg., Detroit, Mich.  
 McGraw Tire & Rubber Co., East Palestine, Ohio.  
 McGraw-Yarbrough Co., plumbers' supplies—jobbers, Richmond, Va.  
 McGreece, Jas. P., & Co., hdwe. mfrs., 262 Dover, Boston, Mass.  
 McGreevy, McGuigan & Baum Constr. Co., Elmira, N. Y.  
 McGregor, J. F., Mfg. Co., whol. hdwe., Chattanooga, Tenn.  
 McGregor-Noe Hardware Co., Springfield, Mo.  
 McGregor & Sons, tex. machy., supplies (slasher combs, reeds), Fall River, Mass.  
 McGregor Working Barrel Co., Bradford, Pa.  
 McGregory & Casman, stone prod., 531 Main, Springfield, Mass.  
 McGrew, F. L., architect, St. Anthony, Idaho.  
 McGrew & Soderlund, architects, Idaho Falls, Idaho.  
 McGrory, Philip, scrap rubber, Trenton, N. J.  
 McGuckin & Hyer, contractors, Tampa, Fla.  
 McGuffick, J. R., & Co., lubricating oils & greases, 148 Stewart, San Francisco, Cal.  
 McGugin, R. H., blast furnaces, Olive Furnace, Ohio.  
 McGuigan, John, & Co., coal hole covers, 144 Stillman, San Francisco, Cal.  
 McGuigan, T., contractor, Meadville, Pa.  
 McGuinness, J. F., tin plate, metals etc., Worcester, Mass.  
 McGuire, B. A., cornices, Rockford, Ill.  
 McGuire, B. A. J., grain cradles, Wilmore, Pa.  
 McGuire Cedar Lbr. Co., Anacortes, Wash.  
 McGuire, Chas. F., steam fitters' supplies, Hornell, N. Y.  
 McGuire-Cummings Mfg. Co., machsts. & fndrs., 111 W. Monroe, Chicago, Ill.  
 McGuire, F. J., contractor, Norfolk, Va.  
 McGuire, H. J., contractor, Coppe Bldg., Los Angeles, Cal.  
 McGuire, J. G., & Co., contractors, New Brighton, Pa.  
 McGuire, J. J., contractor, 546 W. Van Buren, Chicago, Ill.  
 McGuire, Milton H., architect, 101 Park av, New York.  
 McGuire Nat. Lubrg. Oil & Supply Co., 2924 Locust, St. Louis, Mo.  
 McGuire & Shook, architects, Indiana Pythian Bldg., Indianapolis, Ind.  
 McGuire & Tymeson Co., mill & facty. supplies, Johnstown, N. Y.  
 McGunigle & Tounge, contractors, 34 Colbery av, Boston, Mass.  
 McGurk, B. L., carriages, Hartford, Conn.  
 McHale, Martin, contractor, Logansport, Ind.  
 McHale, T. H. & Son, contractors, Syracuse, N. Y.  
 McHarg-Barton Co., contractors, 171 Madison av, New York.  
 McHatton Foundry Co., 1500 Washington av, Phila., Pa.  
 McHenry, Jas., stove linings, 2310 Washington av, Phila., Pa.  
 McHenry Mfg. & Mchy. Co., McHenry, Ky.  
 McHenry-Millhouse Mfg. Co., paint mfrs. (asphaltum), So. Bend, Ind.  
 McHenry-Rohr Distilling Co., Benton, Pa.  
 McHlynn, Owen, architect, Simon Long Bldg., Wilkes-Barre, Pa.  
 McHose, L. H., fire clay, Perth Amboy, N. J.  
 McHose & Pardoe, mattresses, Fargo, N. D.  
 McHose, S. M., brick, Nevada, Ia.  
 McHugh Bros., contractors, Springfield, O.  
 McHugh Contr. Co., Tacoma, Wash.  
 McHugh Fdry. Co., grey iron castings, 90 Sargent, Holyoke, Mass.  
 McHugh, Jno., stone producer, 5816 Normal av, Chicago, Ill.  
 McHugh, M. & J. B., contractors, 892 N. Market, Phila., Pa.  
 McHugh Mfg. Co., tent contrs., 242 W. 41st, New York.  
 McHugh, Owen, contractor, Russ Bldg, San Francisco, Cal.  
 McHugh, P. J., Paving & Constr. Co., Seattle, Wash.  
 McHugh, Thos. J., architect, 357 E. 63d, Chicago, Ill.  
 McIlhenny Co., canned goods, Avery Island, La.  
 Mellroy Belting & Hose Co., Hammond, Ind.  
 McIlroy, J. D., & Sons, cornices & skylights, 508 2d av, Pittsburgh, Pa.  
 McIlvain Bros., drugs, Phila., Pa.  
 McIlvain, J. Gibson, & Co., lumber, Crozer Bldg., Phila., Pa.  
 McIlvain & Roberts, architects, Land Title Bldg., Phila., Pa.  
 McIlvain & Speigel Boiler & Tank Co., Lawrence & Pearl, Cincinnati, Ohio.  
 McIlvana, Wm. T., contractor, 206 Wood av, Boston, Mass.  
 McInnes, Chas. E., & Co., tin plate, metal, etc., Mar. & Mer. Bldg., Phila., Pa.  
 McInnes Steel Co. (Ltd.), Corry, Pa.  
 McInnis Lumber Co., Hattiesburg, Miss.  
 McIntire, C., Co., miscellaneous elec. fuses, etc., 35 Vesey, Newark, N. J.  
 McIntire Coal & Builders' Supply Co., Zanesville, Ohio.  
 McIntire & Co., staple drivers, Port Chester, N. Y.  
 McIntire, Walter C., & Co., freight elevators, 12 N. 5th, Phila., Pa.  
 McIntosh, A. M., & Co., granite, Quincy, Mass.  
 McIntosh & Alberts, corn brooms, 550 W. 39th, Chicago, Ill.  
 McIntosh Battery & Optical Co., 217 N. Desplaines, Chicago, Ill.  
 McIntosh Bros., contractors, Pabst Bldg., Milwaukee, Wis.  
 McIntosh, Jas. A., architect, Helena, Mont.  
 McIntosh, Jno. L., tablets & pads, 185 Franklin, Boston, Mass.  
 McIntosh Lbr. Co., Moss Point, Miss.  
 McIntosh, Samuel Frazer, engineer, Turks Head Bldg., Providence, R. I.  
 McIntosh & Seymour Corp., Diesel type oil engines, Auburn, N. Y.  
 McIntosh Stereopticon Co., 30 E. Randolph, Chicago, Ill.  
 McIntyre & Ahearn, contractors, Hartford, Conn.  
 McIntyre, Archibald, contractor, New Brighton, N. Y.  
 McIntyre Bros. & Roudebush, tissue paper, Fayetteville, N. Y.  
 McIntyre-Burrall Co., horse collars, Green Bay, Wis.  
 McIntyre, C. F., hay rakes, Maine, N. Y.  
 McIntyre & Henderson, tubular boilers, Key Highway & Warner, Baltimore, Md.  
 McIntyre, J. F., & Sons, lbr. mfrs., Pine Bluff, Ark.  
 McIntyre, Jas., architect, Clifford Bldg., New Bedford, Mass.  
 McIntyre Lumber Co., Millville, Ark.  
 McIntyre Mfg. Co., piston rings, 172 W. Locust, Columbus, O.  
 McIntyre, T. W., architect, Cooper Bldg., Denver, Colo.  
 McIntyre & Walter, cornices, Binghamton, N. Y.  
 McIntyre, William M., architect, Corona, N. Y.  
 McIntyre, Wm., & Son, brick, Equality, Ill.  
 McIntyre, Wm., & Sons, contractors, Sharon, Pa.  
 McIver, Cohagen & Marshall, architects, Billings, Mont., & Great Falls, Mont.  
 McIver, J. M., flour, Gulf, N. C.  
 McIver & McKay, machy. dealers, Ocala, Fla.  
 McJoynt Jas., contractor, 414 Floral av, Cincinnati, Ohio.  
 McKunkin Machine Co., machsts. & fndrs., Sistersville, W. Va.  
 McKaig Drop Forge Co., Buffalo, N. Y.  
 McKaig, Merwin, mill & facty. supplies, Cumberland, Md.  
 McKann, M., & Co., lmb. mfrs., Norfolk, Va.  
 McKanna Cut Glass Co., Honesdale, Pa.



McKay, Angus Co., embossed moulding, grille work, etc., 724 S. Desplaines, Chicago, Ill.  
 McKay Carriage Co., Grove City, Pa.  
 McKay & Co., lumber, 311 California, San Francisco, Cal.  
 McKay, Geo. G., machst., Youngstown, Ohio.  
 McKay, Jas., Co., machsts., chains, bits, etc., Thompson av, Pittsburgh, Pa.  
 McKay, Jno. A., Mfg. Co., machy dealers, Dunn, N. C.  
 McKay & Morris, contractors, 1336 G, N. W., Washington, D. C.  
 McKay-Storer Co., stone producers, 5 N. La Salle, Chicago, Ill.  
 McKean Chemical Co., Williamsport, Pa.  
 McKean, J. S., & Sons Co., Ltd., masons' & bldrs.' matls., New Kensington, Pa.  
 McKecknie, J. W., architect, Lathrop Bldg., Kansas City, Mo.  
 McKee, Arthur G., & Co., engineers, Rockefeller Bldg., Cleveland, Ohio.  
 McKee & Bliven Button Co., Muscatine, Ia.  
 McKee Const. Co., contractors, Springfield, Ill.  
 McKee Glass Co., Jeannette, Pa.  
 McKee, J. L., Supply Co., machy. dlsr., Cortland, N. Y.  
 McKee, J. S., architect, 815 E. San Antonio, El Paso, Tex.  
 McKee, R. D., whol. hdwe., Hagerstown, Md.  
 McKee Refrigerator Co., 119 Lorimer, Brooklyn, N. Y.  
 McKee, Robert J., architect, 334 5th av, New York  
 McKee & Shade, carriages, Bloomington, Ill.  
 McKee, W. I., Lbr. Co., Quincy, Ill.  
 McKee, W. S., glass house molds, 107 Carson, Pittsburgh, Pa.  
 McKeefrey & Co., crushed stone & coke, Leetonia, Ohio.  
 McKeefrey, John, contractor, 1416 B'way, New York.  
 McKeel-Richardson Hardware Co., Washington, N. C.  
 McKeen Motor Car Co., Omaha, Neb.  
 McKeesport 8-in Plate Co., iron rolling mills, McKeesport, Pa.  
 McKeesport Steel Constr. Co., McKeesport, Pa.  
 McKeever, A. Boyd, flour mills, Wardensville, W. Va.  
 McKeever Barrel & Keg Co., 911 Penna, Pittsburgh, Pa.  
 McKeever Electric Co., 244 S. High, Columbus, Ohio.  
 McKeithan, D. T., Lbr. Co., Lumber, S. C.  
 McKelvy, J. A., contractor, Harrisburg, Pa.  
 McKelvy, J. J., contractors, Harrisburg, Pa.  
 McKenan's, Wm., Sons, contractors, 200 E. 37th, New York.  
 McKendall, Frank D., masons' & bldrs.' matls.—Contr., 519 Charles, Providence, R. I.  
 McKenna Brass & Mfg. Co., machy., plating, castings, bearing metal, brass specialties, rod, sheet, pipe, tubing, railings, thresholds, grilles, 1st av & Ross, Pittsburgh, Pa.  
 McKenna Co., machsts., 1851 E. 38th, Cleveland, Ohio.  
 McKenna, Frank, brass fndr., Pawtucket, R. I.  
 McKenna, H., distiller, Fairfield, Ky.  
 McKenna, J. H., plumbers' supplies—jobbers, Savannah, Ga.  
 McKenna, J. L., & Co., dyewood extracts, 524 W. B'way, New York.  
 McKenna, Jas. H., mill & facty. supplies, Savannah, Ga.  
 McKenney, Chas. H., lbr., Bar Mills, Me.  
 McKenny & Waterbury Co., electric fixtures & fire place furnishings, 181 Franklin, Boston, Mass.  
 McKenzie, Alex., contractor, Superior, Wis.  
 McKenzie, Barrett Carriage Co., Mobile, Ala.  
 McKenzie Brick Co., Augusta, Ga.  
 McKenzie Bros., Mfg. Co., machsts. & fndrs., potato machy., La Crosse, Wis.  
 McKenzie, Chas. S., architect, Bank of San Jose Bldg., San Jose, Cal.  
 McKenzie, Donald, contractor, Middletown, Conn.  
 McKenzie, Donald N., architect, 2107½ Post Office, Galveston, Tex.  
 McKenzie, F. L., contractor, 7 Water, Boston, Mass.  
 McKenzie Furnace Co., Orland, Ill.  
 McKenzie Lumber Co., Delaware, Ohio.  
 McKenzie, M. A., carriages, Wichita, Kans.  
 McKenzie Milling Co., flour, McKenzie, Tenn.  
 McKenzie, Voorhees & Gmelin, architects, 1123 B'way, New York.  
 McKenzie, W., contractor, 734 Washington, San Francisco, Cal.  
 McKenzie, Wm. D., contractor, Springfield, Mass.  
 McKeown Bros., contractors, 4817 Cot. Grove, Chicago, Ill.  
 McKeown, Thos., Inc., 103 Park av, New York.  
 McKeown, W. O., & Sons, machsts. & fndrs., Cornwell, S. C.  
 McKernan, Hugh, sash, door & blind, Washington, Ind.  
 McKesson & Robbins, oils, acids, chalk, etc., 91 Fulton, New York.  
 McKibben, G. N., auto switches, veneer seating, So. Norwalk, Conn.  
 McKibbin, David, contractor, 2900 Frankford av, Phila., Pa.  
 McKie Shipbuilding Co., machsts. & fndrs., 100 Border, E. B., Boston, Mass.  
 McKierman-Terry Drill Co., machsts., Woolworth Bldg., New York.  
 McKiernan & Bergin, contractors, Paterson, N. J.  
 McKiernan, Geo. F., & Co., loose leaf devices, 430 S. Green, Chicago, Ill.  
 McKim & Co., machsts. & fndrs., Baker, Ore.  
 McKim Fdry. & Machine Co., castings, engines, plows, etc., Lockport, N. Y.  
 McKim, Mead & White, architects, 101 Park av, New York.  
 McKinlay, P., Jr., lime mfr., Garfield, Ark.  
 McKinney & Co., masons' & bldrs.' matls., El Paso, Ill.  
 McKinney, Corliss, architect, Press Bldg., Binghamton, N. Y.

McKinney, J., Son, builders' iron work, Albany, N. Y.  
 McKinney Mfg. Co., hinge mfrs., Locust, Pittsburgh, Pa.  
 McKinnon Chain Co., 252 Amherst, Buffalo, N. Y.  
 McKinnon Constr. Co., 70 Water, Providence, R. I.  
 McKinnon, D., turpentine, Winter Garden, Fla.  
 McKinnon Dash Co., camp chairs, auto. covers, etc., Buffalo, N. Y.  
 McKinnon, H. A., cornices & skylights, Helena, Mont.  
 McKinnon Iron Works Co., Ashtabula, O.  
 McKinnon, L. T., & Co., turpentine, Fendig, Ga.  
 McKinnon & McCarthy, turpentine, White Oak, Ga.  
 McKinnon Rockaway Axe Co., Rockaway, N. J.  
 McKinsey & Jenkins, contractors, Frankfort, Ind.  
 McKlery, T., lumber, Conyers, Ga.  
 McKnight, C. C., & Bros., fertilizer, Senoia, Ga.  
 McKnight, H. B., brick, Ramsey, Ill.  
 McKnight, L. G., & Son Co., mchsts. & fndrs., Gardner, Mass.  
 McKnight, Samuel, Hardware Co., 225 Federal, Pittsburgh, Pa.  
 McKnight & Son, masons' & bldrs.' matls., Brookville, Pa.  
 McKnight & Teasley, fertilizer mfrs., Hartwell, Ga.  
 McKown & Beattie, contractors, Coraopolis, Pa.  
 McKune, C. S., Co., contractors, 409 W. 55th, New York.  
 McLachlan Bldg. Co., 112th & Pullman, Chicago, Ill.  
 McLagon Fdry. Co., mchsts. & fndrs., New Haven, Conn.  
 McLain Fire Brick Co., Fulton Bldg., Pittsburgh, Pa.  
 McLain-Hadden-Simpers Co., advertising counsellors, 210 W. Washington sq, Philadelphia, Pa.  
 McLanahan, M. Hawley, architect, 908 Bellevue Court, Philadelphia, Pa.  
 McLanahan Stone Mach. Co., Hollidaysburg, Pa.  
 McLanathan, F. W., & Son, belting, roll coverers, Lawrence, Mass.  
 McLane, Cyrus D., architect, Rock Island, Ill.  
 McLane & Hepburn, contractors, Lisbon, O.  
 McLane, John B., & Co., contractors, Newport, Ky.  
 McLane Mfg. Co., post office equipments, Milford, N. H.  
 McLaren Iron Works Co., Cleveland, O.  
 McLaren & Sons, stone producers, workers & dealers, Court & Bay, Brooklyn, N. Y.  
 McLaren & Wommer, stone producers, Marietta, O.  
 McLaughlin Bros., contractors, 915 Bolton, Baltimore, Md.  
 McLaughlin Bldg. Material Co., 29 S. La Salle, Chicago, Ill.  
 McLaughlin & Burchill, contrs., Bastable Blk, Syracuse, N. Y.  
 McLaughlin Canning Co., Sunnyside, Wash.  
 McLaughlin Contracting Co., Germania Bk. Bldg., Pittsburgh, Pa.  
 McLaughlin, D., & Sons, contractors, Woburn, Mass.  
 McLaughlin, Geo. G., Mfg. Co., boiler cleaners, machy., 24 Washington, N. Boston, Mass.  
 McLaughlin, George S., archt., 44 Bromfield, Boston, Mass.  
 McLaughlin, H., contractor, 473 Tremont, Boston, Mass.  
 McLaughlin & Hulsken, architects, Lima, Ohio.  
 McLaughlin, J. L., contractor, 244 Kearney, San Francisco, Cal.  
 McLaughlin, J. L., & Sons, wood handles, Bedford, Pa.  
 McLaughlin, Jas., Co., stone producers, wkrs. & dlsr., 28 W. 144th, New York.  
 McLaughlin, Jas. E., architect, 88 Tremont, Boston, Mass.  
 McLaughlin, John J., architect, Burlington, Vt.  
 McLaughlin & Johnson, archts., Peoples Nat. Bk. Bldg., Lynchburg, Va.  
 McLaughlin, K. M., lbr., Salem, N. H.  
 McLaughlin & McLaughlin, contractors, 7309 Finance, Ptg., Pa.  
 McLaughlin, Peter F., architect, 24 North, Pittsfield, Mass.  
 McLaughlin, Thos., machsts., 53 Essex, Jersey City, N. J., & 3016 Poplar, Richmond, Va.  
 McLaughlin, Thomas S., archt., 87 Weybosset, Providence, R. I.  
 McLaughlin, Wm. F., architect, Meriden, Conn.  
 McLaughlin, Wm. J., picture mats, 9 E. 8th, New York.  
 McLaurin, James D., Co., gummed tapes & paper & machy., 260 West, New York.  
 McLaurin, W. B., lbr., McCall, S. C.  
 McLaury, D. H., Tile Co., marble wk. & flooring, 103 Park av, New York.  
 McLauthlin, Geo. T., Co., elevators, pulverizing machy., etc., 120 Fulton, Boston, Mass.  
 McLay, John H., contractor, Hammond, Ind.  
 McLean, A. C., Construction Co., 320 Market, San Fran., Cal.  
 McLean, Andrew, pkg. box mfrs., New Haven, Conn.  
 McLean, Andrew, Co., buckram, shade cloth, etc., Passaic, N. J.  
 McLean Bros., lbr. mfrs., Tonawanda, N. Y.  
 McLean Contracting Co., ft. of Fort av, Baltimore, Md.  
 McLean & Cousens Co., htg. contrs., 204 Purchase, Boston, Mass.  
 McLean, D., contractor, Newport, R. I.  
 McLean, Frank, & Co., cornices, Jackson, Mich.  
 McLean, Geo. A., & Co., scrap iron & steel, 915 Beaver, Ptg., Pa.  
 McLean, Hugh, Lbr. Co., Buffalo, N. Y.  
 McLean, I. F., cooperage stock, Nashville, Tenn.  
 McLean, J. A., contractor, Walla Walla, Wash.  
 McLean, Jno., cemetery railing & iron & lawn settees & chairs, 440 Water, New York.  
 McLean, Jno., peanut blanchers, Lockport, N. Y.  
 McLean-Jones Oil & Supply Co., 40 India Wharf, Boston, Mass.  
 McLean, M., Co., architects, 1048 Mt. Elliott, Detroit, Mich.  
 McLean, Neil A., contractor, Chronicle Bldg., San Francisco, Cal.  
 McLean, W. B., Mfg. Co., bank fixtures, 1050 Herron av, Pittsburgh, Pa.  
 McLean, W. H., & Henry, architects, 101 Tremont, Boston, Mass.  
 McLeannan Bros., contractors, Pickering Bldg., Cincinnati, O.



- McLee, John, contrs., Rockford, Ill.  
 McLellan, Frank X., contractor, Seattle, Wash.  
 McLellan, J. L., architect, San Marcos, Tex.  
 McLellan, Wm. L., mill & facty. supplies, Norwalk, Conn.  
 McLelland, John, architect, Beatty Bldg., Houston, Tex.  
 McLelland, Jno. C., flour, Thornton, Tex.  
 McLendon Hardware Co., Waco, Tex.  
 McLendon, R. R., turpentine, Blakeley, Ga.  
 McLennan Construction Co., 30 N. Michigan av, Chicago, Ill.  
 McLeod, Alex., contractor, 608 S. Dearborn, Chicago, Ill.  
 McLeod, Geo. A., turpentine, San Antonio, Fla.  
 McLeod & Henry Co., brick; cupola & stove linings, Troy, N. Y.  
 McLeod, J. A., stone producers, 207 N. E. 2d, Minneapolis, Minn.  
 McLeod, John, contractor, 517 Hope, Providence, R. I.  
 McLeod, W. J., & Co., granite, Quincy, Mass.  
 McLeod, Ward & Co., desk lights, lamps, elec. portables, etc., 27 Thames, New York.  
 McLeod-Ward & Co., brackets (desk telephone), 27 Thames, New York.  
 McLeran & Peterson, contrs., Sharon Bldg., San Francisco, Cal.  
 McLeroy, D. L., fire brick, Ashby, Ala.  
 McLoughlin Bros., toys & nov., 890 B'way, New York.  
 McLoughlin & Donovan, plumbers' supplies—jobbers, 47 Cliff, New York.  
 McMahan, Jas., cornices & skylights, Chattanooga, Tenn.  
 McMahan, Wm. H., mattresses, 44 S. 2d, Philadelphia, Pa.  
 McMahon, Bernard H., machinery dlr., Worcester, Mass.  
 McMahon & Co., friction clutches, gear & pulleys, Worcester, Mass.  
 McMahon, D., contractor, P. O. Bldg., Phila., Pa.  
 McMahon & Hickey, shoe lasts, Ellicottville, N. Y.  
 McMahon, J. L., & Son, cornices & skylights, State Center, Ia.  
 McMahon, Jas. T., Constr. Co., contrs., 1106a Hickory, St. Louis, Mo.  
 McMahon, Jno. F., contractor, Wainwright Bldg., St. Louis, Mo.  
 McMahon, Wm. P., architect, Wainwright Bldg., St. Louis, Mo.  
 McMann & Taylor Co., pipe, boiler tubes, fittings, valves, etc., 104 John, New York. *See adv index at end of book.*  
 McMannamy, Wm. P., sashes, doors & blinds, Kalispell, Mont.  
 McManus, C. H., & Co., shoe counters, Lynn, Mass.  
 McManus, Edw., masons' & bldrs.' matls., Waterbury, Conn.  
 McManus, Edw. C., architect, Bankers Inv. Bldg., San Fran., Cal.  
 McManus, P., contractor, Commercial Tr. Bldg., Phila., Pa.  
 McManus Quarries Co., stone producers, wkrs. & dlr., Keokuk, Iowa.  
 McManus, Sandy, gas engines, Waterloo, Ia.  
 McManus & Tucker, crushed stone, Iowa Falls, Ia.  
 McManus, W. L., Lumber Co., Petoskey, Mich.  
 McMaster-Carr Supply Co., mill & facty. supplies, 174 N. Market, Chicago, Ill.  
 McMaster, L. W., contractor, Zanesville, Ohio.  
 McMaster, R. C., plow points, Adamsville, Pa.  
 McMeekan, D., Mfg. Co., ground & pulp mica, size, etc., 1070 Pacific, Brooklyn, N. Y.  
 McMeekan, David, Mfg. Co., chemicals, 1070 Pacific, B'klyn, N. Y.  
 McMenamin & Co., canned goods, Campton, Va.  
 McMenamin & Sims, contrs., Commercial Tr. Bldg., Phila., Pa.  
 McMenemy, R. A., bldg. contr., 645 Endicott Bldg., St. Paul, Minn.  
 McMichael, Abner, machst., 22 Armat, Gtn., Philadelphia, Pa.  
 McMichael, J. M., architect, Charlotte, N. C.  
 McMichael, J. P., & Co., flour, Madison, N. C.  
 McMichen, A. M., Jr., flour, Dallas, Ga.  
 McMillan, A. & Co., masons' & bldrs.' matls., 341 Williams av, Portland, Ore.  
 McMillan, B. F., & Bro., lbr., McMillan, Wis.  
 McMillan Book Co., loose leaf devices, Syracuse, N. Y.  
 McMillan Bros., coppersmiths, Savannah, Ga.  
 McMillan Bros., lumber mfrs., Stockton, Ala.  
 McMillan Bros. Co., brass castings, Jacksonville, Fla.  
 McMillan, C. W., & Son, granite, Barre, Vt.  
 McMillan Co., contractors, 1794 E. 55th, Cleveland, Ohio.  
 McMillan Contracting Co., 37 W. Van Buren, Chicago, Ill.  
 McMillan, F. G., contractor, 2 S. E. 5th, Minneapolis, Minn.  
 McMillan & Harrison, fertilizer mfrs., Mobile, Ala.  
 McMillan, J. T., Co., meat packers, St. Paul, Minn.  
 McMillan, Jas., & Co., hot air furnaces, 114 Clarkson ct, Chicago, Ill.  
 McMillan & Johnson, turpentine, Helena, Ga.  
 McMillan Mill Co., lumber, Pine Barren, Fla.  
 McMillan, Robt., masons' & bldrs.' matls., Painesville, Ohio.  
 McMillan, Samuel, contractor, 250 W. 106th, New York.  
 McMillan, W., & Son, stone producers, 910-920 Otis Bldg., Chicago, Ill.  
 McMillan & Werner, machsts. & fndrs., 81 Centre, New York.  
 McMillan's, W. H., Sons, marine hdwe. mfrs.; ten pins, 153 South, New York.  
 McMillen, R., Co., hardwood doors, Oshkosh, Wis.  
 McMiller & Taft, contractors, Hulbert blk., Cincinnati, Ohio.  
 McMinds, I. F., architect, Security Bldg., Cedar Rapids, Ia.  
 McMorris, W. H., & Co., harness, saddles, etc., Portland, Ore.  
 McMorran, Edw. E., & Co., fire extinguishers, 126 N. Union, Chicago, Ill.  
 McMorrow Co., contractors, 271 W. 125th, N. Y. City.  
 McMorrow, Jno., contractors, 322 Adams, Dor., Boston, Mass.  
 McMullen, A. & Melvin, Co., contractors, 1540 Maryland av, Baltimore, Md.  
 McMullen, Arthur, Co., contractors, caisson bridge foundations, 149 B'way, N. Y. City.  
 McMullen, C. E., contractor, 110 Jessie, San Francisco, Cal.  
 McMullen & Co., masons' & bldrs.' matls., Seattle, Wash.  
 McMullen, Harry, contractor, Kankakee, Ill.  
 McMullen, Henry J., architect, 127 N. Dearborn, Chicago, Ill.  
 McMullen, Leo A., architect, Jenkins Bldg., Pittsburgh, Pa.  
 McMullen Machy. Co., Grand Rapids, Mich.  
 McMullen, Snare & Triest, Inc., contractors, Park av & 131st, N. Y. City.  
 McMurray & Baker, carriages, Jacksonville, Fla.  
 McMurray, Louis, Pkg. Co., Pontiac, Ill.  
 McMurray & Pullis, architects, 31 Clinton, Newark, N. J.  
 McMurray, S. M., architect, Arcade, Nashville, Tenn.  
 McMurray Sulky Co., carriages, Marion, Ohio.  
 McMurry J. W., Contracting Co., Sharp Bldg., Kansas City, Mo.  
 McMurtie Milling Co., flour, Belvidere, N. J.  
 McMurtrie, Harry G., architect, 1012 Walnut, Philadelphia, Pa.  
 McMurtry, A. J. & G. H., contractors, crushed stone, 16 Shepard, Boston, Mass.  
 McMurtry Mfg. Co., paint mfrs., Denver, Colo.  
 McMyler-Interstate Co., cranes, etc., Bedford, Ohio.  
 McNab & Harlin Mfg. Co., brass bushings, posts, plugs, etc., 55 John, N. Y. City.  
 McNabb, John, contractor, Bound Brook, N. J.  
 McNabb, Jno., & Son, contractors, Grand Rapids, Mich.  
 McNabb, Wm. O., architect, Decatur, Ill.  
 McNair Phosphate Co., fertilizer, Laurinburg, N. C.  
 McNair & Wade Land Co., lumber, Montbrook, Fla.  
 McNair-Young Co., fertilizer, Wrens, Georgia.  
 McNairy, A. B., & Co., paint mfrs., 1163 E. 40th, Cleveland, Ohio.  
 McNally, C. S., architect, 46 Kearney, San Francisco, Cal.  
 McNally, C. W., Co., plumbers' supplies, jobbers, 199 E. Water, Milwaukee, Wis.  
 McNally Construction Co., Fall River, Mass.  
 McNally, D. E., & Co., cornices, 24 Houghton, Worcester, Mass.  
 McNally Ranch, canned goods, La Mirada, Cal.  
 McNally & Son, masons' & bldrs.' matls., St. Marys, Ohio.  
 McNamar, Julius J. P., engines, Newark, Ohio.  
 McNamar Mach. Wks., Newark, Ohio.  
 McNamara Bros., slate for electrical purposes, Fair Haven, Vt.  
 McNamara Bros. Co., tank & boiler work, Baltimore, Md.  
 McNamara, C. B., & Co., contractors, Dubuque, Ia.  
 McNamara, Henry L., cornices & skylights, Janesville, Wis.  
 McNamara, J., & Co., boot counters, Haverhill, Mass.  
 McNamara, J. H., Trunk Co., 109 W. Monroe, Chicago, Ill.  
 McNamara-Koster Fdry. Co., Indianapolis, Ind.  
 McNamara, Michael, Varnish Wks., Clark & M. C. R. R., Detroit, Mich.  
 McNamara, Thos. J., Co., meat packers, Bridgeport, Conn.  
 McNamara's, J., Sons, masons' & bldrs.' matls., Keokuk, Ia.  
 McNatt Coffin & Casket Co., Vidalia, Ga.  
 McNaughton, Angus J., stone products, Battle Creek, Mich.  
 McNaughton Mfg. Co., grate bar mfrs., Maryville, Tenn.  
 McNaughton, Wm. D., paint mfrs., 185 Oakland, Brooklyn, N. Y.  
 McNaull Auto Tire Co., 810 Madison av, Toledo, Ohio.  
 McNaull Boiler Mfg. Co., Toledo, Ohio.  
 McNeal, David H., architect, 333 N. Salem av, Dayton, Ohio.  
 McNeal Machinery Co., mill & factory supplies, Joplin, Mo.  
 McNear Brick Agency, Monadnock Bldg., San Francisco, Cal.  
 McNeel Marble Co., Marietta, Ga.  
 McNeil Boiler Co., 96 Crozier, Akron, Ohio.  
 McNeil Bros., contractors, 57 Stanley, Boston, Mass.  
 McNeil Construction Co., 201 Devonshire, Boston, Mass.  
 McNeil, H. C., & Son, masons' & bldrs.' matls., Sioux City, Ia.  
 McNeil, J. V., contractor, Wesley Roberts Bldg., Los Angeles, Cal.  
 McNeil, Jas. & Bro., Co., steel plate wk., Pittsburgh, Pa.  
 McNeil, Lawrence W., cornices, Paterson, N. J.  
 McNeil Lbr. Co., 98 River, Buffalo, N. Y.  
 McNeil & Webb, contractors, Tampa, Fla.  
 McNeill, Lauff & McNeill, packing box mfrs., 925 N. Halsted, Chicago, Ill.  
 McNeill Milling Co., flour, Fayetteville, N. C.  
 McNichol, D. E., Pottery Co., East Liverpool, Ohio.  
 McNichol Paving & Construction Co., 1923 Cherry, Phila., Pa.  
 McNicholl, John, machinists, Washington, La.  
 McNicol-Corns Co., china, Wellsville, Ohio.  
 McNicol, Walter, machinists, Mt. Vernon, Wash.  
 McNiece, Wm., & Son, machinists, 515 Cherry, Philadelphia, Pa.  
 McNier, F. W., architect, 2603 Chartress, Houston, Texas.  
 McNierney Bros., stone products, Utica, N. Y.  
 McNown Mfg. Co., kitchen cabinets, Columbia City, Ind.  
 McNulty, C. W., Co., contractors, Huntington, W. Va.  
 McNulty, F. D., contractor, Columbia, S. C.  
 McNutt, Hubert C., machinists, Woodston, Kans.  
 McNutt & McConnell Co., brick & sewer pipe, Brazil, Ind.  
 McPhail, A. M., Piano Co., 120 Boylston, Boston, Mass.  
 McPhee, D. A., contractor, 403 Newbury, Boston, Mass.  
 McPhee & McGinnity Co., lumber mfrs., Tacoma, Wash.  
 McPhee & McGinnity Co., masons' & bldrs.' matls., 1630 Arapahoe, Denver, Colo.  
 McPherson, C. D., contractors, Evanston, Ill.  
 McPherson, J. W., & Sons, paints, Shippensburg, Pa.  
 McPherson, Jos. C., cornice & skylights, Asheville, N. C.  
 McPherson, W. G., Co., furnaces, steam fitters' supplies, Portland, Ore.  
 McQuade & Bannigan, masons' & bldrs.' matls., Utica, N. Y.



- McQuade, J. W., contractor, Albuquerque, N. M.  
 McQuade, Jas. H., & Sons Co., contractors, Bessemer Bldg., Pittsburgh, Pa.  
 McQuade, John, & Co., wood stains & paint mfrs., 134 Clason av., Brooklyn, N. Y.  
 McQuade, Walter, architect, 47 W. 34th, New York.  
 McQuady Milling Co., flour, McQuady, Ky.  
 McQuarrie, John T., masons' & bldrs.' matls., Blair, Nebr.  
 McQuay-Norris Mfg. Co., piston rings, 2806 Locust, St. Louis, Mo. *See adv. index at end of book.*  
 McQuesten, Geo., Co., lumber, 27 Kilby, Boston, Mass.  
 McQuesten Hardware Co., Muscatine, Ia.  
 McQuilkin, Geo., machsts., Elkton, Md.  
 McQuillan, Bernard, Co., contractors, 437 E. 65th, New York.  
 McQuinn, Rob't. & Co., trunk mfrs., 437 Market, Phila., Pa.  
 McQuirk, Wm. H., contractors, Norwich, Conn.  
 McRae Bros., lumber manufacturers, Fort Gaines, Ga.  
 McRae & Davis, lumber, Orange Heights, Fla.  
 McRae & Roberts Co., brass goods, steam, water & gas, 227 Campbell av., Detroit, Mich. *See adv. index at end of book.*  
 McRainey & Bridges, lumber, Wildwood, Fla.  
 McRedmond, Wm. H., architect, Stamford, Conn.  
 McRee & McNill, turpentine, Camilla, Ga.  
 McReynolds, A. V., contractor, Kennewick, Wash.  
 McReynolds, R., & Sons, carriages, Washington, D. C.  
 McShaffrey, E., & Son, contractors, Akron, Ohio.  
 McShain, John, contractor, 1610 North, Philadelphia, Pa.  
 McShane Bell Fdry. Co., 50 Church, New York.  
 McShane, Jas., contractor, 251 E. 62d, New York.  
 McShane Lumber Co., Omaha, Neb.  
 McShane, Wm. J., contractor, 413 S. 13th, Philadelphia, Pa.  
 McSheehy Bros., contractors, 47 Langdon, San Francisco, Cal.  
 McSherry Mfg. Co., mach'y, Pittsburgh, Pa.  
 McSorley, John, contractor, 1912 Wightman, Pittsburgh, Pa.  
 McSpirit, John & Jos., contractors, 118 Wayne, Jersey City, N. J.  
 McSweeney, A. McF., architect, Pocatello, Idaho.  
 McTague, Martin F., scrap rubber, 1221 Bainbridge, Phila., Pa.  
 McTernan & Halpin Const. Co., contrs., 2500 Grand av., Kansas City, Mo.  
 McTernan Rubber Mfg. Co., Reading, Mass.  
 McVay-Walker Co., lavatories & fittings, Braddock, Pa.  
 McVey, Hugh, fndrs., Syracuse, N. Y.  
 McVey, Jos., & Co., lumber mfrs., Escambia, Fla.  
 McVicar, Thos., cornices, Yonkers, N. Y.  
 McVicar, Wm. H., cornices, Yonkers, N. Y.  
 McVicker, J. B., Co., soap & boiler compounds, 115 B'way, New York.  
 McVoy Sheet & Tin Plate Co., 1042 W. 36th, Chicago, Ill.  
 McVoy Tub, Pail & Package Co., 11th av, N. E., & Water, Minneapolis, Minn.  
 McWade, Wm. J., speaking tubes, 3140 S. Canal, Chicago, Ill.  
 McWain Canning & Packing Co., East Waterford, Me.  
 McWalters, Jas., & Sons, contractors, 1493 B'way, New York.  
 McWane Pipe Works, Lynchburg, Va.  
 McWhinnie, Thos., wooden barrows, Poughkeepsie, N. Y.  
 McWhirter, W. H., Co., stone products, 82 Woolsey, Long Island City, N. Y.  
 McWhorter Mfg. Co., agricultural implements, Riverton, N. J.  
 McWhorter, Weaver & Co., wholesale hardware, Nashville, Tenn.  
 McWilliams, Frank, dry docks & marine ry, 1 B'way, New York.  
 McWilliams, Frank, machsts. & fndrs., Burgher av, West New Brighton, N. Y.  
 McWilliams, R. H., & G. A., contractors, 332 S. Michigan, Chicago, Ill.  
 McWilliams & Schulte, packing box mfrs., McLean av & Richmond, Cincinnati, Ohio.  
 McWilliams, Thos., polishing & wire drawing machines, jewelers' tools, etc., 237 Eddy, Providence, R. I.  
 Maag, August, Co., bakers' & confectioners' utensils mfrs., Baltimore, Md.  
 Maas, Chas. W., architect, Houghton, Mich.  
 Maas-Neimeyer Lumber Co., Indianapolis, Ind.  
 Maas & Waldstein, oils, lacquer mfrs., etc., 91 William, New York.  
 Mabie, Todd & Co., fountain pen mfrs., 17 Maiden la, New York.  
 Mabie, Wm. I., contractor, Equitable Bldg., Boston, Mass.  
 Mabscoot Coal & Coke Co., Macdonald, W. Va.  
 MacAdams Bros., elastic hosiery, 912 Walnut, Phila., Pa.  
 Macalaster-Wiggin Co., time switches, 66 B'way, Boston, Mass.  
 Macallen Co., trolley line materials, 16 Macallen, S. Boston, Mass.  
 Macan, Jr., Co., mill & facty. supplies, Easton, Pa.  
 MacAndrews & Forbes Co., box board, Camden, N. J.  
 MacAndrews & Forbes Co., wall boards, 200 5th av, New York.  
 MacArthur Bros. Co., contractors, 120 B'way, New York.  
 Mac Arthur Concrete Pile & Foundation Co., 120 B'way, New York.  
 MacArthur, Jas., Co., contractors, 22 Ormond pl, Brooklyn, N. Y.  
 Mac Arthur & Kauffman, lumber, 461 Market, San Francisco, Cal.  
 MacArthur, Perks & Co., Ltd., contractors, 120 B'way, New York.  
 Macatee, W. L., & Sons, masons' & bldrs.' matls., Houston, Tex.  
 Macauley Bros., meatting contractors, Grand Rapids, Mich.  
 Macauley, C. R., Co., sash, door & blind mfrs., 255 18th, Brooklyn, N. Y.  
 Macauley, Geo. W., lumber, 385 Albany, Boston, Mass.  
 Macauley, H. C., Foundry Co., Berkeley, Cal.  
 Macbeth-Evans Glass Co., elec. & gas light fixtures, Wabash bldg., Pittsburgh, Pa.  
 Maccar Truck Co., Scranton, Pa.  
 MacCarthy & Harper, who. hdwe., 345 N. Calvert, Baltimore, Md.  
 Macchi & Co., granite, Milford, N. H.  
 MacCleary, J. H., railroad equipments, Suffolk, Va.  
 MacClure & Spahr, architects, 320 4th av, Pittsburgh, Pa.  
 MacCordy Button Mach., Co., Amsterdam, N. Y.  
 MacCormack, W., fertilizer mfrs., Wolcott, Conn.  
 Macdiarmid & Co., masons' & bldrs.' matls., Newport, Vt.  
 MacDonald, Angus, contractor, 79 Milk, Boston, Mass.  
 MacDonald Colliery Co., coke, Macdonald, W. Va.  
 MacDonald, Donald N., lamps, Boston, Mass.  
 Macdonald Engng. Co., coal machy., 53 W. Jackson blvd, Chicago, Ill.  
 MacDonald Hay Co., die cast castings, Syracuse, N. Y.  
 MacDonald & Joslin Co., contractors, 161 Devonshire, Boston, Mass.  
 MacDonald & MacDonald, architects, 58 Sutter, San Fran., Cal.  
 MacDonald, Murdo F., granite, South Ryegate, Vt.  
 Macdonald Ticket & Ticket Box Co., 215 Penn Bldg., Cleveland, Ohio.  
 MacDonnell, Francis J., archt., Hennen Bldg., New Orleans, La.  
 MacDowell, Sam'l B., & Son, contractors, 1927 Montgomery av, Philadelphia, Pa.  
 MacDuff, Robt. A., & Co., contractors, 376 Richmond, Providence, R. I.  
 Mace, Edw., building contractor, Oshkosh, Wis.  
 Mace, L. H., & Co., refrigerators, step ladders, 15 E. 22d, New York.  
 Mace & Mansfield, fertilizer mfrs., Greenville, Ohio.  
 MacEachron, J. R., & Co., architects, Candler Bldg., Atlanta, Ga.  
 Macey Co., book cases (wood), Division av, S. & P. M. R. R., Grand Rapids, Mich.  
 Macfarlane, Maul & Lentz, architects, David Whitney Bldg., Detroit, Mich.  
 MacGillis & Gibbs Co., ties, poles, Wells Bldg., Milwaukee, Wis.  
 MacGovern & Co., second hand contr. supplies & Mach', 114 Liberty, New York.  
 MacGowan & Cooke Printing Co., loose leaf devices, Chattanooga, Tenn.  
 Macgowan & Finigan Cordage Co., power hammers, Gay Bldg., St. Louis, Mo.  
 MacGregor, Thos. F., cornices, Schenectady, N. Y.  
 Mach Mfg. & Engineering Co., Council Bluffs, Ia.  
 Machado & Roller, speed indicators, etc., 203 B'way, New York.  
 Machen, Thos. G., architect, Fidelity Bldg., Baltimore, Md.  
 Machenheimer Bros., machsts. & fndrs., Port Angeles, Wash.  
 Machias Canning Co., Machias, Me.  
 Machiasport Packing Co., Machiasport, Me.  
 Machine Appliance Corporation, fasteners, paper & eyelet machinery, 351 Jay, Brooklyn, N. Y.  
 Machine Parts Co., Elyria, Ohio.  
 Machinery, trade publications, 140 Lafayette, New York.  
 Machinery Designing & Mfg. Co., soap wrapping machinery & Presses, 656 Hudson, New York.  
 Machinery Exchange, 1219 Washington blvd, Chicago, Ill.  
 Machinery Forging Co., Hamilton av & Marquette, Cleveland, O.  
 Machinery Merchants, Inc., 50 Church, New York.  
 Machinists Foundry Co., Muncie, Ind.  
 Machinists Supply Co., mill & factory supplies, 19 N. Jefferson, Chicago, Ill., & 324 3d av, Pittsburgh, Pa.  
 Machler, Paul, Co., ovens, 807 W. Lake, Chicago, Ill.  
 Machold & Riddell (dredge pipe & fittings), Stephen-Girard Bldg., Philadelphia, Pa.  
 Machover, S., second hand bags & bagging, 239 Front, New York.  
 Machwirth Bros. Co., doors, windows, roofing, mfrs., 201-9 Oak, Buffalo, N. Y.  
 Mac-It Parts Co., set hollow screws, Lancaster, Pa.  
 Mack Automatic Heat Regulator Co., Detroit, Mich.  
 Mack Ave. Building Co., 185 Division, Detroit, Mich.  
 Mack Axe Co., Beaver Falls, Pa.  
 Mack Bros., contractors, 166 Devonshire, Boston, & 221 Essex, Salem, Mass.  
 Mack Bros., tubular boilers, 409 Marcellus, Syracuse, N. Y.  
 Mack, Clyde F., architect, 6 W. 43d, Kansas City, Mo.  
 Mack & Co., picks, mattocks, etc., Brown's Race, Rochester, N. Y.  
 Mack, Henry, traveling bags & suit cases, 104 Prospect, Jersey City, N. J.  
 Mack Iron & Wire Works, machsts., Sandusky, O.  
 Mack & Kountz, architects, Hagerstown, Md.  
 Mack Mfg. Co., common brick, Arrott Bldg., Pittsburgh, Pa., & New Cumberland, W. Va.  
 Mack Mfg. Co., rail blocks, bricks, sewer pipes, etc., Lincoln Bldg., Philadelphia, Pa.  
 Mack & Moore, contractors, 161 Tremont, Boston, Mass.  
 Mack Paving & Construction Co., 20th & Sedgley av, Phila., Pa.  
 Mack, Thos. A., Mfg. Co., furnaces, 401 St. Paul's av, Jersey City, N. J.  
 Mack Trunk Co., Memphis, Tenn.  
 Mack Trunk Co., Ltd., 157 Baronne, New Orleans, La.  
 Mack Ventilator Co., 602-603 Swetland Bldg., Cleveland, O.  
 Mack, W. A., & Co., cornices, Howell, Mass.  
 Mack & Winkle, saws, 172 Skillman av, Brooklyn, N. Y.  
 MacKay, Geo., architect, Ocala, Fla.  
 Mackay, Kenneth, contractor, Yonkers, N. Y.



- Mackay Mfg. Co., steam & hot water heaters & radiators, 234 Water, New York.
- Mackay, W. M., consulting heating & ventilating engineers, 234 Water, New York.
- Mackay, W. R., bldg. contr., Owasco Terrace, Auburn, N. Y.
- Macke Marble & Granite Works, Birmingham, Ala.
- Mackee & Williams, architects, Newport News, Va.
- MacKellar's, R., Sons Co., fdry. facings, Peekskill, N. Y.
- Mackemer, J. W., & Co., masons' & bldrs.' matls., Peoria, Ill.
- MacKenney Trunk & Sample Case Co., Knoxville, Tenn.
- MacKenzie, Clinton, architect, 15 Broad, New York.
- MacKenzie, Geo. M., dumb waiters & freight elev., New Haven, Conn.
- MacKenzie, H. Jordan, architect, 827 Gravier, New Orleans, La.
- Mackenzie, J. P., lumber mfrs., North Tonawanda, N. Y.
- MacKenzie, Murdoch, contractor, 346 Belgrade av., Boston, Mass.
- MacKenzie, Quarrier & Ferguson, steam engines, 2 Rector, New York.
- Mackenzie, R. H., contractor, Englewood, N. J.
- MacKenzie & Temple, contractors, 180 Milk, Boston, Mass.
- MacKenzie's, Duncan, Sons Co., mchsts. & fndrs., Trenton, N. J.
- Mackey Brick & Tile Mfg. Co., San Antonio, Tex.
- Mackey, Leroy B., contractor, Altoona, Pa.
- Mackey, M. E., brick, Verplanck, N. Y.
- Mackin, F. M., & Co., mchsts. & fndrs., 1729 Lamont av., Baltimore, Md.
- Mackinnon Boiler & Machine Co., 218 N. Water, Bay City, Mich. *See adv. index at end of book.*
- MacKinnon, F., Mfg. Co., wagons, Grand Rapids, Wis.
- Mackinnon & Nicholson, contractors, Attleboro, Mass.
- Mackintosh, Alexander, architect, Bible House, New York.
- Mackintosh, D., & Sons Co., absorbent cotton, Holyoke, Mass.
- Mackintosh, Hemphill & Co., engine builders, 1227 Liberty, Pittsburgh, Pa.
- Mackie Construction Co., Atlanta, Ga.
- Macklin & Faught, architects, Chickasha, Okla.
- Macklin, H. B., architect, Greenville, Tex.
- Macknet, Dan, masons' & bldrs.' matls., Dectaur, Ill.
- Macknet & Doremus Co., who. h'dwe, machinists' tools, mill, facty. & steamfitters' supplies, 798 Broad, Newark, N. J.
- Macknet Grate Bar Co., mfrs., 30 Pine, New York.
- Macksburg Tool Co., Macksburg, Ohio.
- Mackwirth Bros. Co., cornices & skylights, metallic window sashes, etc., 201-09 Oak, Buffalo, N. Y.
- MacLac Co., shellac, 30 Burling slip, New York.
- MacLagan, Peter T., architect, 552 Summer av., Newark, N. J.
- MacLane, Edw., granite producer, 186 N. La Salle, Chicago, Ill.
- MacLaren & Thomas, architects, Hagerman Bldg., Colorado Springs, Colo.
- MacLean Box Factory, Buffalo, N. Y.
- Maclean Building Co., 92 B'way, Detroit, Mich.
- Maclean Construction Co., 76 W. Monroe, Chicago, Ill.
- Maclean, J. S., store fixtures, Spring & Water, Columbus, Ohio.
- MacLean & McCurdy, dumping carts, Dorchester, Boston, Mass.
- Maclear Mfg. & Supply Co., mchsts. & fndrs., Denver, Colo.
- Mac Leith, Walter D., architect, Am. Natl. Bk. Bldg., St. Paul, Minn.
- MacLellan, H. G., rf. slate mfrs., 175 W. Jackson, Chicago, Ill.
- MacLeod & Co., hemp & jute impts., 82 Beaver, New York.
- Macleod Co., metallurgical furnaces & equipment, 2227 Bogen, Cincinnati, O. *See adv. index at end of book.*
- MacLeod Mfg. Co., window cleaners, 412 Orleans, Chicago, Ill.
- MacLeod & Smith, bldg. contrs., Duluth, Minn.
- Maclure, A. J., architect, Lewis Bldg., Portland, Ore.
- Macmurray Co., fertilizer mfrs., Charleston, S. C.
- MacMurray Steel Hoop Co., 4082 Princeton av., Chicago, Ill.
- MacNaughton & Raymond, architects, Title & Trust Bldg., Portland, Ore.
- MacNaughton & Robinson, architects, Paddock Bldg., Boston, Mass.
- Macneal, Jas. B., & Co., varnish & color mfrs., Baltimore, Md.
- Macneil & Macneil, architects, Union Trust Bldg., Washington, D. C.
- MacNichol Packing Co., Eastport, Me.
- Macomb, Henry A., architect, 214 S. 7th, Philadelphia, Pa.
- Macomb Sewer Pipe Co., Macomb, Ill.
- Macomber Bros. Co., brick, Toledo, Ohio.
- Macomber, Geo. B. H., Co., contractors, 44 Bromfield, Boston, Mass.
- Macomber, Hy. S., & Co., lubrg. oils, 150 Milk, Boston, Mass.
- Macomber & Whyte Rope Co., wire & rope, Kenosha, Wis.
- Macomber, Wm. K., architect, McKnight Bldg., Minneapolis, Minn.
- Macon Brick Co., Macon, Ga.
- Macon County Oil Co., Tuskegee, Ala.
- Macon Fertilizer Works, Macon, Ga.
- Macon Mattress Mfg. Co., Macon, Ga.
- Macordi Fibre Co., bobbins, spools, Woonsocket, R. I.
- MacPhee Bros., contractors, 1045 Bergen, Newark, N. J.
- Macrae Bros., contractors, Seattle, Wash.
- MacRae, Hector C., machinist, 216 St. Paul, Baltimore, Md.
- Macropal, Harry, contractor, Manchester, N. H.
- Mac-Sim-Bar Paper Co., Otsego, Mich.
- MacTavish, Archibald, contractor, 1515 Pine, Philadelphia, Pa.
- Macungie Brass & Mfg. Co., mchsts. & fndrs., Macungie, Pa.
- Macwatty, D., & Co., mill & facty. supplies, 103 Chambers, N. Y. City.
- Macy, Chas. W., Co., masons' & bldrs.' matls., Hudson, N. Y.
- Macy, Frank R., cornices, Hudson, N. Y.
- Macy, R. H., & Co., glass mosaic wk., B'way & 34th, N. Y. City.
- Madary Planing Mill, Fresno, Cal.
- Madco Foundry & Machinery Co., castings mfrs., Phoenixville, Pa.
- Madden Boiler Wks., Hollidaysburg, Pa.
- Madden Bros. Co., mchsts. & fndrs., Rushville, Ind.
- Madden & Gaskill, fndrs., Millville, N. J.
- Madden, Jerry, Shingle Co., lumber, Rapid River, Mich.
- Madden, John, & Co., advtg. signs, 718 Natonia, San Francisco, Cal.
- Madden Lbr. Co., sash, door & blind mfrs., Troy, N. Y.
- Madden & Morrison File Co., Middletown, N. Y.
- Maddock & Co., steam fitters' supplies, 44 N. 6th, Phila., Pa.
- Maddock, John, & Sons, potteries, Trenton, N. J.
- Maddock Textile Co., cotton mops, Milford Centre, Ohio.
- Maddock's, Thomas, Sons Co., potteries & plumbers' earthenware supplies, Trenton, N. J.
- Maddox Fdry. & Mach. Co., Archer, Florida.
- Maddox, J. M., architect, Chamber of Commerce Bldg., Birmingham, Ala.
- Maddox Machine Co., wood-working machinery, Jamestown, N. Y.
- Madero Bros., chemicals, 115 Broadway, New York City.
- Madigan, G. Harry, architect, 243 Withers, Brooklyn, N. Y.
- Madigan Lumber Co., Dunkirk, N. Y.
- Madill Grain & Elevator Co., flour, Madill, Okla.
- Madill Oil & Cotton Co., meal, Madill, Okla.
- Madison Auto & Machine Co., Madison, Ga.
- Madison Brass Wks., Madison, Wis.
- Madison Brick Co., Madison, Ind.
- Madison Construction Co., Anderson, Ind. & 212 Clay, Baltimore, Md.
- Madison Fertilizer Co., Madison, Ga.
- Madison Foundry Co., Addison Rd., N. E., Cleveland, Ohio.
- Madison Iron Wks., arch'l & ornamental, 449 E. 120th, New York City.
- Madison-Jackson-Estill Lumber & Development Co., Panola, Ky.
- Madison, Jas., sash, door & blind, New Palestine, Ind.
- Madison-Kipp Lubricator Co., Madison, Wis.
- Madison Machine Co., mchsts. & fndrs., Madison, Ind.
- Madison Motors Corp., Anderson, Ind.
- Madison Plow Co., Madison, Wis.
- Madison Saddlery Co., Madison, Wis.
- Madison Tent & Awning Co., Madison, Wis.
- Madison Wheel Co., Madison, Ohio.
- Madisonville Flouring Mills, Madisonville, Tenn.
- Madisonville Milling Co., flour, Madisonville, Ky.
- Madorie, Edgar P., architect, Reserve Bk. Bldg., Kansas City, Mo.
- Madry, J. W., brick, Scotland Neck, N. C.
- Madsen Bros., contractors, Plymouth Bldg., Minneapolis, Minn.
- Madsen, M. C., brick, Hutchinson, Minn.
- Madsen & Wistoft Constr. Co., Poughkeepsie, N. Y.
- Madson, Christensen & Ingbrtson, bldg. contrs., 379 31st, Milwaukee, Wis.
- Maeglin, Gustave, brick, Muscatine, Ia.
- Maehler, Paul, Co., cornices, 807 W. Lake, Chicago, Ill.
- Maene, Edw., archl. modelers, 309 S. Lawrence, Phila., Pa.
- Maenner & Senne, architects, Central Nat. Bk. Bldg., St. Louis, Mo.
- Maer Knitting Mills, sweaters, cardigans, etc., 392 Broadway, New York.
- Maerky, Emil, machsts., 218 Arch, Philadelphia, Pa.
- Maes, Jacob, brick, Hoffmeister av E. of Mo. Pac. Tracks, St. Louis, Mo.
- Maescher, Chas. V., & Co., contractors, 617 Hunt, Cincinnati, O.
- Maescher & Co., meat packers, 1754 Central av, Cincinnati, O.
- Maettig, Fredk., architect, 2812 North av, Milwaukee, Wis.
- Maifeto Mach. & Tool Co., Worcester, Mass.
- Magaril, Morris, mattresses, 19 Moore, Brooklyn, N. Y.
- Magaziner & Potter, architects, 603 Chestnut, Philadelphia, Pa.
- Magee, Alonzo H., radiator valves, 136 Beekman, New York.
- Magee Bros., packing box, Janesville, Wis.
- Magee Carpet Co., 103 Fifth av, New York.
- Magee Furnace Co., 38 Union, Boston, & Chelsea, Mass.
- Magee, Jno. A., & Son, wholesale hardware, Clarion, Pa.
- Magee, M., & Son, flag mfrs. & tents (cont., eac.), 147 Fulton, New York.
- Magee Mfg. Co., brass & iron bedsteads, 1518 Tchoupt, New Orleans, La.
- Magee & Richards, tailors' squares, 223 Grand, New York.
- Mager, C., ale & beer pumps, 314 W. 39th New York.
- Mager & Newman Tinware Co., ash & garbage cans, stove pipe & elbow mfrs., 71 Rutgers slip, New York.
- Maggard, L. D., & Co., cross ties, Paintsville, Ky.
- Maggs, Herbert B., architect, 125 Alpine ter., San Fran., Cal.
- Magic-Keller Works, 1583 Washington, Louisville, Ky.
- Magie Bros., lubrg. oils, 110 S. Clinton, Chicago, Ill.
- Magie, E. E., Specialty Mfg. Co., 268 S. Water, Milwaukee, Wis.
- Magill, J. R., canned goods, Bellingham, Wash.
- Magill Hardware Co., Chattanooga, Tenn.
- Magill, W., contractor, Beloit, Wis.
- Maginn, Chas., stained glass window mfrs., 17 E. 14th, New York.
- Maginn, P. F., & Co., htg. contrs., 1025 Forbes, Pittsburgh, Pa.
- Maginnis & Walsh, architects, 30 E. 42d, New York, & 100 Boylston, Mass.



- MaGirl, P. H., hot air furnaces, Bloomington, Ill.  
 Maglatblin, F. W., & Co., tacks, Kingston, Mass.  
 Magley Bros., machsts. & fndrs., Columbia City, Ind.  
 Magnesia Covering Co., 1927 Market, Phila., Pa.  
 Magness, R. L., & Co., canned goods, Emmorton, Md.  
 Magnet Cement & Dressing Co., glue mfrs., Primos, Pa.  
 Magneta Co., clocks, time recorders & Stamps, 58 W. 15th, New York.  
 Magnetic Manufacturing Co., magnetic separators, fndry. vibrators, & lifting magnets, Enterprise Bldg., Milwaukee, Wis. *See adv. index at end of book.*  
 Magnetic Separator Co., Troy, N. Y.  
 Magnolia Boiler Compound Co., 106 E. 2d, Cincinnati, Ohio.  
 Magnolia Cotton Mills, Magnolia, Miss.  
 Magnolia Cotton Oil Co., meal, Houston, Tex.  
 Magnolia Metal Co., babbitt metal mfrs., 113 Bank, New York. *See adv. index at end of book.*  
 Magnolia Petroleum Co., Galveston, Tex.  
 Magnus, A., sons Co., bottlers' machy. & supplies, 327 W. Randolph, Chicago, Ill.  
 Magnus, Andrew, crushed stone, Elgin, Ill.  
 Magnus Co., babbitt metal, Detroit, Mich.  
 Magnus Co., mchsts. & fndrs., 80 E. Jackson blvd, Chicago, Ill., & 111 B'way, New York.  
 Magnus, Henry, cornices & skylights, Winona, Minn.  
 Magnus & Lauer, essential oils, 139 Fremont, San Francisco, Cal.  
 Magnus, Mabee & Reynard, cocoanut oils, 257 Pearl, New York.  
 Magnus, Wm. J., mchsts., Webster, S. D.  
 Magnusson, Fred., architect, Marshfield, Ore.  
 Magonigle, H. Van Burne, architect, 101 Park av, New York.  
 Magoon, M. A., architect, Logan, Ohio.  
 Magor Car Co., industrial portable rys., frogs, switches & crossings, 30 Church, New York.  
 Magosy & Buscher, metal spinning, 118 Walker, New York.  
 Magruder, Benj. E., brick, tile, Winfield, Mo.  
 Magruder, W. P., masons' & bldrs.' matls., Hyattsville, Md.  
 Mague, Wm. H., architect, West Newton, Mass.  
 Maguire Bros. Co., second-hand barrels, 820 Girard av, New York.  
 Maguire, Chas. B., Co., contractors, Turks Head Bldg., Providence, R. I.  
 Maguire, Edward J., contractor, 1263 Atlantic av, Brooklyn, N. Y.  
 Maguire, W. J., cornices & skylights, 46 Cornhill, Boston, Mass.  
 Maguire, Wm. G., fringes, silk upholstery, etc., Camden, N. J.  
 Mahaffey, David, architect, 118 N. La Salle, Chicago, Ill.  
 Mahaffy Bros., woolen flannels, Pulaski, N. Y.  
 Mahan & Broadwell, architects, Germania Bk. Bldg., Memphis, Tenn.  
 Mahan Co., stone producers, 2132 S. Kedzie av, Chicago, Ill.  
 Mahan, Frank H., contractor, Ardmore, Pa.  
 Mahan, Jas., machsts., Canastota, N. Y.  
 Mahan, John E., contractor, Davenport, Ia.  
 Mahanna, William, common brick, Lenox, Mass.  
 Mahar Bros. Slate Co., Fair Haven, Vt.  
 Mahar, M. A., masons' & bldrs.' matls., Greenville, Ohio.  
 Maher Bros., stone producers, 200 S. Hampton, Boston, Mass.  
 Maher Bros. Corp., masons' & bldrs.' matls., Greenwich, Conn.  
 Maher & Flockhart, founders, 76 Polk, Newark, N. J.  
 Maher, Frank W., contractor, 320 5th av, New York.  
 Maher, Geo. W., architect, 206 S. La Salle, Chicago, Ill.  
 Maher, J. J., lightning rods, Preston, Ia.  
 Maher, Jas. S., architect, 431 W. 14th, New York.  
 Maher & McNicholas, contractors, Kearny, N. J.  
 Maher, Patrick, mchsts. & fndrs., Jamestown, N. Y.  
 Maher, Philip, & Son, stone producers, Burmont, Pa.  
 Maher, Thos. F., contractor, 883 Orange, New Haven, Conn.  
 Maher & Winchester, architects, 8 Beacon, Boston, Mass.  
 Maher's, Edw., Sons, mchsts. & fndrs., 216 Berlin, Newark, N. J.  
 Mahl, Herman, contractor, Hartford, Conn.  
 Mahle, C. A., & Son, Ltd., broom blocks, wood handles, Corry, Pa.  
 Mahler, Harry H., architect, 1600 W. Madison, Chicago, Ill.  
 Mahler, P., & Sons, brushes (steel, wire, etc.), 299 Pearl, New York.  
 Mahlike, R. H., mchsts. & fndrs., Wheeling, W. Va.  
 Mahlow & Wyckoff, rubbers, dies molds, Trenton, N. J.  
 Mahlstedt, J. A., Lumber & Coal Co., masons' & bldrs.' matls., New Rochelle, N. Y.  
 Mahnken Bldg. Material Co., 955 B'way, Brooklyn, N. Y.  
 Mahon, M. J. & C. M., canned goods, Ellendale, Del.  
 Mahon, R. C., Co., cornices & skylights, & sheet metal workers, St. Aubin & E. Grand blvd, Detroit, Mich.  
 Mahoney Bros., contractors, 28 Binney, Boston, Mass.  
 Mahoney Bros., meat, Wallace, Idaho.  
 Mahoney Construction Co., Portland, Me.  
 Mahoney, Daniel, & Sons, mill & facty. supplies, 17 Main, Buffalo, N. Y.  
 Mahoney, E. H., Chair Co., Gardner, Mass.  
 Mahoney, J. & E., gin distillers, Alexandria, Va.  
 Mahoney, John, contractor, Jamestown, N. Y.  
 Mahoney, P. J., masons' & bldrs.' matls., Westfield, Mass.  
 Mahoney, Pat'k F., brass castings, 552 W. Lake, Chicago, Ill.  
 Mahoney Railroad Ditching Machine Co., Vincennes, Ind.  
 Mahoney & Swanson, contractors, Jamestown, N. Y.  
 Mahoney, Thos., contractor, Jamestown, N. Y.  
 Mahoney, Wm. P., contractor, Harrison Bldg., Philadelphia, Pa.  
 Mahoning Foundry Co., Youngstown, Ohio.  
 Mahoning Limestone Co., New Castle, Pa.  
 Mahoning Ore & Steel Co., Widener Bldg., Philadelphia, Pa.  
 Mahoning Steel Products Co., stamping works, Warren, Ohio.  
 Mahony Bros., cigar lighters, 140 W. Van Buren, Chicago, Ill.  
 Mahony Bros., contractors, Hobart Bldg., San Francisco, Cal., & 473 W. 153d, New York.  
 Mahony, Fred W., architect, 31 State, Boston, Mass.  
 Mahony Mfg. Co., mchsts & fndrs., Troy, N. Y.  
 Mahood, Alex B., architect, Bluefield, W. Va.  
 Mahr, Mfg. Co., forges, 715 15th av, N. E., Minneapolis, Minn.  
 Mahurin & Mahurin, architects, Swinney blk, Fort Wayne, Ind.  
 Mahwell, F. P., & Co., packing box mfrs., 190 A, Boston, Mass.  
 Maibohm Motor Co., Racine, Wis.  
 Maiden, Wm. M., corn brooms, Muscatine, Ia.  
 Maier, Fred., & Sons, masons' & bldrs.' matls., Seneca Falls, N. Y.  
 Maier, Henry A., architect, Coal Exch. Bldg., Wilkes-Barre, Pa.  
 Maier, Martin, & Co., trunk mfrs., 102 Wood av, Detroit, Mich.  
 Maier, S., stone, St. Joseph, Mo.  
 Maier, Wm., machsts., 3408 N. 22d, St. Louis, Mo.  
 Maiers, G. F., machinist, Goleta, Cal.  
 Maier's, John G., Sons, lacquer mfrs., 153 N. Gay, Baltimore, Md.  
 Mail Wrapper Tube Co., 162 E. 118th, New York.  
 Mailander Co., show cases, fixtures, Waco, Tex.  
 Mailometer Co., machy., dies, gauges, etc., 1093 Jefferson av, Detroit, Mich.  
 Maimin, H., Co., mach., 251 W. 19th, New York.  
 Main Belting Co., 1219 Carpenter, Philadelphia, Pa.  
 Main Bros. Box & Lumber Co., Karnak, Ill.  
 Main, Chas. T., textile mills, industrial plant, steam and water power engineers, 201 Devonshire, Boston, Mass.  
 Main Electric Co., Portland, Ore.  
 Main Elec. Mfg. Co., storage batteries, lighting plants, etc., 500 Aiken av, Pittsburgh, Pa.  
 Main, Lucius Clark, architect, Maplewood, N. J.  
 Main Street Iron Works, 163 Main, San Francisco, Cal.  
 Main, Thos. B., archl. engineers, Stephen Girard Bldg., Philadelphia, Pa.  
 Maine Electric Co., 25 Commercial, Portland, Me.  
 Maine, H. A., & Co., contractors, Waterloo, Ia.  
 Maine Iron Works, centrifugal pumps, 2036 Dominick, Chicago, Ill.  
 Maine, Jas., & Sons Co., contractors, Des Moines, Ia.  
 Maine Machine works, 701 N. Main, Los Angeles, Cal.  
 Maine Mfg. Co., refrigerators & cooling rooms, Nashua, N. H.  
 Maine & N. H. Granite Corp., North Jay, Me.  
 Maine Screen Co., Fairfield, Me.  
 Mainstream Lumber Co., Gorham, N. H.  
 Maintenance Co., freight elev., 417 Canal, New York.  
 Mainzer, H. R., architect, 105 W. 40th, New York.  
 Maire Paint Co., 329 Boston block, Minneapolis, Minn.  
 Mairs, W. H., & Co., wall paper mfrs., 68 Sackett, Brooklyn, N. Y.  
 Mais Motor Truck Co., Indianapolis, Ind.  
 Maiser & Dion, lumber mfrs., 2349 Loomis, Chicago, Ill.  
 Maish, Chas. A., Co., packing pads, 1125 Bank, Cincinnati, O.  
 Maish Mfg. Co., mchsts. & fndrs., Warsaw, Ind.  
 Maitland, Robert, & Son, cornices & skylights, Clinton, Mass.  
 Maiwurm Aluminum Corp., hollow ware mfrs., Ashland, Ohio.  
 Majert, Emil, Co., transfer graining paper, 9 E. 37th, New York.  
 Majestic Co., mfrs. refuse cans, coal chutes, dumps, furnaces, etc., 610 Erie, Huntington, Ind.  
 Majestic Electric Development Co., heaters, O'Farrell, San Francisco, Cal.  
 Majestic Mfg. Co., mchsts. & fndrs., 2018 Morgan, St. Louis, Mo.  
 Majestic Milling Co., flour, Aurora, Mo.  
 Major Bros. Packing Co., fertilizer mfrs., Mishawaka, Ind.  
 Major, Chas. M., architect, Portsmouth, Va.  
 Major, Howard, architect, 281 5th av, New York.  
 Major & Loomis Co., lumber, Hertford, N. C.  
 Major, M. E., Elec. Co., armatures, Wilkes-Barre, Pa.  
 Major Mfg. Co., cements & water coolers, 461 Pearl, New York.  
 Major, R. H., & Co., lumber, Smithville, Mo.  
 Major, S. C., & Co., lumber, Memphis, Tenn.  
 Major Stave Co., cooperage stock, Ashdown, Ark.  
 Make, A., Motor Truck Co., 1508 Michigan av, Chicago, Ill.  
 Makel, John, contractor, Camden, N. J.  
 Makepeace, B. L., archs. instruments, 387 Washington, Boston, Mass.  
 Makepeace, C. R., & Co., mill engrs., 429 Butler Exch., Providence, R. I.  
 Makepeace & Makepeace, architects, Everson Bldg., Syracuse, N. Y.  
 Makepeace, Stanley, architect, David Whitney Bldg., Detroit, Mich.  
 Makin Heating Co., furnaces, 1827 Filbert, Phila., Pa.  
 Makley Bros., carriages, St. Mary's, O.  
 Makutchan Roller Bearing Co., machsts., Hobart, Ind., & McCormick Bldg., Chicago, Ill.  
 Malbin, Mayer, plumbers' supplies, jobbers, 303 E. 60th, New York.  
 Malbon, P. J., hdwe., 109 Commercial pl., Norfolk, Va.  
 Malcolm & Dyer Co., cornices & skylights, Augusta, Me.  
 Malcolm, J. B., & Co., canned goods, Marion, N. Y.  
 Malcolm, Thos., contractor, Hartford, Conn.  
 Malcolmson Briquet Engng. Co., Old Colony Bldg., Chicago, Ill.  
 Malcolmson & Higginbotham, architects, 404 Moffatt, Detroit, Mich.



- Malcom, A. G., & Bro., lumber, Crawfordsville, Ga.  
 Malcomb, B. H., & Bro., lumber, Fairplay, Ga.  
 Malden, C. C., & Mattress Co., Malden, Mass.  
 Malden City Lumber Co., masons' & bldrs.' matls., sash, door & blind mfrs., Malden, Mass.  
 Malden Knitting Mills, lamp wicks & sweaters, Malden, Mass.  
 Malecot, P. B., & Co., cornices, West Hoboken, N. J.  
 Maley & Kelly Contracting Co., Mass. Bldg., Kansas City, Mo.  
 Maley, R. S., masons' & bldrs.' matls., Daytona, Fla.  
 Maley & Wertz, lbr. mfrs., Evansville & Vincennes, Ind.  
 Malin & Co., belt lacing, beaters, insulated wire, Cleveland, O.  
 Malin, S. L., & Son, lumber mfrs., Painesville, Ohio.  
 Malkin, A. R., & Co., contractors, Norwalk, Conn.  
 Mallander, Herman, contractor, Wilkes-Barre, Pa.  
 Mallard Distilling Co., 232 W. 27th, New York.  
 Mallary & Roper Co., mchsts & fndrs., boilers, Macon, Ga.  
 Malleable Iron Fittings Co., mchsts. & fndrs., Branford, Conn.  
 Malleable Iron Range Co., stove, Beaver Dam, Wis.  
 Malleable Iron Works, mchsts. & fndrs., New Britain, Conn.  
 Malleable Steel Range Mfg. Co., So. Bend, Ind.  
 Mallory, S. W., reducing wheels, 123 Liberty, New York.  
 Mallory, W. A., Jr., agricultural implements, Hillsdale, N. Y.  
 Mallett Contracting & Supply Co., Walker av & Kirk, New York.  
 Mallett, Geo. A., Co., landscape architects, 341 Fairfield av, Bridgeport, Conn.  
 Mallett & Nutt, fertilizer, Jackson, Ga.  
 Malley, Mary, brick, Haverstraw, N. Y.  
 Mallinckrodt Chemical Works, 3600 W. 2d, St. Louis, Mo.  
 Mallison Braided Cord Co., Athens, Ga.  
 Malloch, J. S., contractor, 110 Jessie, San Francisco, Cal.  
 Malone Paper Co., Malone, N. Y.  
 Mallonee Engineering Co., Savannah, Ga.  
 Mallory Bros. & Turner, turpentine, Fenholloway, Fla.  
 Mallory, C. M., ladders, Albion, N. Y.  
 Mallory Machy. Co., 522 Light, Baltimore, Md.  
 Mallory, W. A., & Bro., lumber, Sylvania, Ga.  
 Malloy, D. C., & Co., turpentine, Hahira, Ga.  
 Malloy & Miller, turpentine, Haines City, Fla.  
 Malloy, Smith & Co., turpentine, Hampton Springs, Fla.  
 Malm, C. A., & Co., trunks, 2199 Folsom, San Francisco, Cal.  
 Malmer, Eugene, architect, 73 Fox, Aurora, Ill.  
 Malnati, A., & Co., granite, S. Quincy, Mass.  
 Malnati Bros., granite, Barre, Vt.  
 Malone, Bernard, contractor, 163 Corey rd, Boston, Mass.  
 Malone Bros., carriages, Cadiz, Ky.  
 Malone Excelsior Co., Malone, N. Y.  
 Malone Hardware Co., Malone, N. Y.  
 Malone Oil Co., Wade Bldg., Cleveland, O.  
 Malone Stone Co., Garfield Bldg., Cleveland, Ohio.  
 Malone, Watson, & Sons, lumber, Laurel St. Wharf, Phila., Pa.  
 Maloney, C. S., steel tanks, Nowata, Okla.  
 Maloney, J. A., & Co., lbr. mfrs. & wholesale dlrs., 16 Beaver, New York.  
 Maloney, John, stone producers, Skykomish, Wash.  
 Maloney, Michael, contractor, Springfield, Mass.  
 Maloney Oil & Mfg. Co., masons' & bldrs.' matls., Scranton, Pa.  
 Maloney, T. J., scrap iron & steel, A. V. R. R. & 29th, Phila., Pa.  
 Maloney Tank Mfg. Co., Tulsa, Okla.  
 Maloney, Wm., steam htg. contrs., 4632 Olive, St. Louis, Mo.  
 Malpass Bros., mchsts. & fndrs., East Jordan, Mich.  
 Malsby Co., mill & factory supplies, Atlanta, Ga.  
 Malta Mfg. Co., sashes, doors & blinds, Malta, Ohio.  
 Maltby, Geo. W., & Sons Co., contractors, 21 Maryland, Buffalo, N. Y.  
 Maltby Prism Co., cornices & skylights, Flatiron Bldg., New York.  
 Maltby, W. H., & Sons, masons' & bldrs.' matls., Corning, N. Y.  
 Malvern Fire Clay Co., Malvern, O.  
 Malvern Lumber Co., Chemical Bldg., St. Louis, Mo.  
 Malz, Herman, glass stainers, 19 E. 14th, New York.  
 Mamer Bros., common brick, Campus, Ill.  
 Mammele, C. C., & Son, meat packers, Wilmington, Del.  
 Mammoth Spring Milling Co., Mammoth Spring, Ark.  
 Mamolith Carbon Paint Co., 2d & Main, Cincinnati, Ohio.  
 Mampoteng, Fred., architect, 103 Park av, New York.  
 Manahan Bros. Heating Co., Town of Union, N. J.  
 Manahan, Edwin F., architect, North Bergen, N. J.  
 Manahan Moth Paper Co., moth proof bags, 370 Pearl, New York.  
 Manashaw, Chas. C., fringes (silk upholstery, etc.), 131 W. 31st, New York.  
 Manayunk Coal & Lime Co., masons' & bldrs.' matls., Main & Umbria, Philadelphia, Pa.  
 Manbeck, W. H., & Co., masons' & bldrs.' matls., Mifflin, Pa.  
 Manchester, Albert C., Co., contractors, 136 Dorrance, Providence, R. I.  
 Manchester Board & Paper Co., Richmond, Va.  
 Manchester & Co., tubular boilers, 3108 Smallman, Pittsburgh, Pa.  
 Manchester Cotton Mills, cotton sheetings, La Grange, Ga.  
 Manchester Cotton Mills, Manchester, Ga.  
 Manchester Cotton Mills, tickings, Rock Hill, S. C.  
 Manchester Distilling Co., Richmond, Va.  
 Manchester, E., & Sons, fertilizer mfrs., Winsted, Conn.  
 Manchester, Geo. L., Co., mill & factory supplies, Easthampton, Mass.  
 Manchester Hardware Co., Manchester, N. H.  
 Manchester & Hudson Co., masons' & bldrs.' matls., 55 Point, Providence, R. I.  
 Manchester, J. B., Co., coppersmiths, 190 Eddy, Providence, R. I.  
 Manchester Mfg. Co., cotton twine, Macon, Ga.  
 Manchester Mfg. Co., mchsts. & fndrs., North Manchester, Ind.  
 Manchester Mfg. Co., rims & felloes, Manchester, Tenn.  
 Manchester Mill & Elevator Co., flour, Manchester, Okla.  
 Manchester Mills, flour, Richmond, Va.  
 Manchester Real Estate & Mfg. Co., brick, Manchester, N. H.  
 Manchester Supply Co., plumbers, mill & factory supplies, jobbers, Manchester, N. H.  
 Mandalian Mfg. Co., bags, mesh, North Attleboro, Mass.  
 Mandel, A. J., gloves & mittens, 1220 W. 6th, Cleveland, O.  
 Mandel Bros., contractors, 1109 Plymouth av, Minneapolis, Minn.  
 Mandel Mfg. Co., talking machines, 501 Laflin, Chicago, Ill.  
 Mandeville Co., contractors, Wilkes-Barre, Pa.  
 Mandeville Mills, fertilizer, Carrollton, Ga.  
 Mandt Wagon Co., Stoughton, Wis.  
 Maneely, John, mill & factory & steam fitters' supplies, 300 Arch, Philadelphia, Pa.  
 Manegold, A. F. & L., stone, 47th & State, Milwaukee, Wis.  
 Manegold Contr. Co., Navarre Bldg., St. Louis, Mo.  
 Manehan, F. T., landscape architect, 12 Fairview av, Spokane, Wash.  
 Maner, J. D., & Co., flour mills, New Market, Va.  
 Manetta Mills, blankets, flannels—cotton, Lando, S. C.  
 Maney Bros., contractors, Oklahoma, Okla.  
 Maney, Maurice H., architect, 50 Bromfield, Boston, Mass.  
 Maney Milling Co., flour, Omaha, Neb.  
 Mang, G. A., architect, Erie Co. Bk. Bldg., Buffalo, N. Y.  
 Manganese Steel Rail Co., sheets, rods, plates, buckets & screens, 30 Church, New York.  
 Manganese Steel Safe Co., machsts., High Bridge, N. J.  
 Mangels, Wm. F., Co., miniature organs, r'ys., etc., 2863 W. 8th, Brooklyn, N. Y.  
 Manger, E. C., & Son Co., coffins, caskets, etc., Green Bay, Wis.  
 Mangin, Thos. F., architect, 332 S. Salina, Syracuse, N. Y.  
 Mangini, Nicholas, contractor, Yonkers, N. Y.  
 Mangold Stave & Cooperage Co., wooden kegs, Weber rd & Grand av, St. Louis, Mo.  
 Mangrum & Otter, cooking apparatus, 561 Mission, San Francisco, Cal.  
 Mangrum & Otter Co., cornices & skylights, San Jose, Cal.  
 Mangum Milling Co., flour, Mangum, Okla.  
 Mangum Pressed Brick Co., Mangum, Okla.  
 Mangus, C. B., & S. D., canned goods, Vesuvius, Va.  
 Manhard, M. R., & Son, mill & facty. supplies—whol. hdwe., Marquette, Mich.  
 Manhasset Mfg. Co., tire fabrics, Putnam, Conn.  
 Manhattan Auto Parts & Lamp Wks. Co., 162 W. 56th, New York.  
 Manhattan Bedding Co., Anable av, L. I. City, N. Y.  
 Manhattan Belting Co., 329 Lafayette, New York.  
 Manhattan Box Co., pack'g box mfrs., 410 E. 32d, New York.  
 Manhattan Brass Co., 333 E. 26th, New York.  
 Manhattan Briar Pipe Co., Jersey City, N. J.  
 Manhattan Brush Co., brooms (bamboo, rattan, etc.), 667 1st av, New York.  
 Manhattan College, engng. school & coll., 131st & B'way, New York.  
 Manhattan Color Wks., paint, kalsomine & size mfrs., etc., 793 111th, New York.  
 Manhattan Constr. Co., 1328 B'way, New York, & Muskogee, Okla.  
 Manhattan Contracting Co., Seattle, Wash.  
 Manhattan Dental Co., imitation platinum, & non-fus'g platinum, Times Bldg., New York.  
 Manhattan Dial Mfg. Co., 40 Lex. av, Brooklyn, N. Y.  
 Manhattan Drug Co., cuttlefish bone, 50 Warren, New York.  
 Manhattan Elec'l Supply Co., machsts., 17 Pk. pl, New York.  
 Manhattan Fire Alarm Co., 17 Madison av, New York.  
 Manhattan Gas Htg. Co., stoves, htrs. & ranges, 909 7th av, New York.  
 Manhattan Hickory Broom Co., 171 3d av, New York.  
 Manhattan Iron & Steel Sales Co., 122 E. 132d, New York.  
 Manhattan Lime Co., 1325 37th, Brooklyn, N. Y.  
 Manhattan Lumber Co., 8338 Coml. av, Chicago, Ill.  
 Manhattan Machine & Tool Works, Grand Rapids, Mich.  
 Manhattan Machy. Exchange, 30 Church, New York.  
 Manhattan Metal Bed Co., bedstead mfrs., 41 Tompkins, New York.  
 Manhattan Metallic Casket Co., 2426 1st av, New York.  
 Manhattan Paint Co., 1348 W. 70th, Cleveland, Ohio.  
 Manhattan Pearl Button Mfg. Co., 195 Park pl, L. I. City, N. Y.  
 Manhattan Perfected Ventilator Co., 11 Baxter, New York.  
 Manhattan Perforated Metal Co., screen dashes, 237 Centre, New York.  
 Manhattan Reduction Co., ferro-tungsten, 165 B'way, New York.  
 Manhattan Repair & Supply Co., machsts., 212 W. 101st, New York.  
 Manhattan Roll Label Co., 31 Beekman, New York.  
 Manhattan Roofing Co., cornices & skylights, 133 E. 118th, New York.  
 Manhattan Rubber Mfg. Co., Passaic, N. J.  
 Manhattan Shoe Polish Co., 367 Hamilton av, B'klyn, N. Y.



Manhattan Soap Co., 426 W. 38th, New York.  
 Manhattan Spring Bed Co., 9 Elizabeth, New York.  
 Manhattan Straw Board Co., B'way & 42d, New York.  
 Manhattan Trunk Box Factory, 505 E. 18th, New York.  
 Manhattan Washboard Co., 323 Pearl, New York.  
 Manhattan Wood Nov. Co., jewelry cases, 40 Fulton, New York.  
 Manheim Mfg. & Belting Co., belting mfrs., Manheim, Pa.  
 Manheim Milling Co., flour, Manheim, Pa.  
 Manheimer, J., essential oils, 28 Gold, New York.  
 Manicure Nov. Mfg. Co., 49 E. 21st, New York.  
 Manierre Engng. & Machy. Co., Colby-Abbott Bldg., Milwaukee, Wis.  
 Manifold, J. H. C., masons' & bldrs.' matls., Dillonville, Ohio.  
 Manifold Supplies Co., carbon paper & typewriter ribbons, 188 3d av, Brooklyn, N. Y.  
 Manion & Co., plumbers' supplies—jobbers, 618 Baronne, New Orleans, La.  
 Manistee Iron Works Co., machsts. & fndrs., Manistee, Mich.  
 Manistique Lumbering Co., Ford Bldg., Detroit, Mich.  
 Manitowoc Boiler Works Co., locomotive, marine return tubular & tubular boilers, Manitowoc, Wis.  
 Manitowoc Bldg. Supply Co., sash, door & blind mfrs., Manitowoc, Wis.  
 Manitowoc Church Furniture Co., Waukesha, Wis.  
 Manitowoc Clay Products Co., Manitowoc, Wis.  
 Manitowoc Electric Implement Co., vibrators—foundry, Manitowoc, Wis.  
 Manitowoc Engng. Works, digestors, dryers, heavy tanks, heavy plate fabricators, Manitowoc, Wis.  
 Manitowoc Fdry. & Mach. Co., Manitowoc, Wis.  
 Manitowoc Land & Fuel Co., masons' & bldrs.' matls., Manitowoc, Wis.  
 Manitowoc Ship Building Co., steel ship builders, Manitowoc, Wis.  
 Manke, B. C., Sheet Metal Wks., cornices & skylights, Seattle, Wash.  
 Mankoff, L. G., boxes, Verden, Okla.  
 Manley, A. H., sashes, doors & blinds, Enosburg Falls, Vt.  
 Manley Carriage Co., 1319 N. 9th, St. Louis, Mo.  
 Manley, F. J., architect, Lexington, Ky.  
 Manley-Moore Lumber Co., Tacoma, Wash.  
 Manley & Son, lumber mfrs., Bellingham, Wash.  
 Manley & Young, architects, Knoxville, Tenn.  
 Manly Jail Works, Dalton, Ga.  
 Mann Bros., contractors, 1002 av E, Birmingham, Ala.  
 Mann Bros., scrap iron, Norristown, Pa.  
 Mann Bros. Co., linseed oil, etc., 340 Ohio, Buffalo, N. Y.  
 Mann, Chas. A., engine lathes, watchmakers' tools, etc., 166 Doyle av, Providence, R. I.  
 Mann, & Christen Co., contractors, Decatur, Ind.  
 Mann & Cook, architects, Dun Bldg., Buffalo, N. Y.  
 Mann Edge Tool Co., machsts., Lewistown, Pa.  
 Mann, F. R., & Son, plate glass, 437 St. Peter, St. Paul, Minn.  
 Mann, F. W., Co., agricultural implements, Milford, Mass.  
 Mann, Fred'k. M., architect, McKnight Bldg., Minneapolis, Minn.  
 Mann & Garancio Land & Lumber Co., New Madrid, Mo.  
 Mann, Geo., stone producers, Columbia av & B. & O. R. R., Baltimore, Md.  
 Mann & Gerow, architects, Hutchinson, Kans.  
 Mann, H. D., Co., disinfectants, 124 N. Warren, Syracuse, N. Y.  
 Mann, Herbert R., pads & tablets, Troy, N. Y.  
 Mann & Hunter Lbr. Co., 834 S. Salina, Syracuse, N. Y.  
 Mann, Jas. H., Co., machsts., Lewistown, Pa.  
 Mann, Joseph, fertilizer, Stockbridge, Ga.  
 Mann, Lewis M., & Son, wood handles, West Paris, Me.  
 Mann-McCann Co., cars, rattlers, smoke jacks, etc., 305 S. La Salle, Chicago, Ill.  
 Mann & MacNeille, architects, 70 E. 45th, New York.  
 Mann & Pinault, architects, St. Cloud, Minn.  
 Mann & Stern, architects, Little Rock, Ark.  
 Mann, V., fringes (silk, upholstery, etc.), 484 6th av, New York.  
 Mann, Wm., Co., paper & pulp mills, 529 Market, Phila., Pa.  
 Mann, Wm. D., architect, Ashland blk, Austin Sta., Chicago, Ill.  
 Mannan-Smith Supply Co., masons' & bldrs.' matls., St. Joseph, Mo.  
 Mannen, John E., Co., cornices, dust collectors, furnaces, etc., 2247 St. Clair, Cleveland, Ohio.  
 Mannesmann Light Co. of Am., 329 4th av, New York.  
 Manning-Bowman & Co., machsts. & fndrs.—elec. cooking app., plated silver ware, etc., Pratt, Meriden, Conn.  
 Manning, Chas. W., lbr. mfrs. & wholesale dlrs., 66 Broad, New York.  
 Manning & Frewen, architects, Majestic Bldg., Denver, Colo.  
 Manning, Jas. C., contractor, Plainfield, N. J.  
 Manning, Jas. E., contractor, 26 Beacon Hill av, Lynn, Mass.  
 Manning, John A., Paper Co., Troy, N. Y.  
 Manning, L. H., Co., contractors, Tucson, Ariz.  
 Manning, L. L., & Son, stone producers, Plainfield, N. J.  
 Manning Mfg. Co., dairy app., Rutland, Vt.  
 Manning, Maxwell & Moore, mill & facty. supplies, 119 W. 40th, New York.  
 Manning Oil Mill, meal, fertz. mfrs., Manning, S. C.  
 Manning Sand Paper Co., Troy, N. Y.  
 Manning Trunk Mfg. Co., Fort Worth, Texas.  
 Manning, Warren H., landscape archt., Tremont Bldg., Boston, Mass.  
 Mannington Window Glass Co., Mannington, W. Va.  
 Mannix Bros., stone, Portland, Me.

Mannix, Jas., contractor, 25 Gilchrist, Jersey City, N. J.  
 Mannix, Patrick W., granite, W. Quincy, Quincy, Mass.  
 Manny, Anthony, & Co., stone producers, Hankins, N. Y.  
 Manny, Edmund A., architects, De Menil Bldg., St. Louis, Mo.  
 Manogue, Edw. Co., cornices, Troy, N. Y.  
 Manor, Jos. J., contractor, 1317 Ewing, Toledo, Ohio.  
 Manown Mfg. Co., fire brick, Oliver Bldg., Pittsburgh, Pa.  
 Manross, F. N., & Sons, clock & hair springs, Forestville, Conn.  
 Mans, Nicholas A., masons' & bldrs.' matls., Trenton, Mich.  
 Mans, Wm. S., cornices & skylights, Lexington, Mo.  
 Mansel, Jas., lumber, Williamsport, Pa.  
 Mansel & Metzger, lumber, Williamsport, Pa.  
 Mansell-Hunt-Catty & Co., paper cups, 22 Reade, New York.  
 Mansfield Brass Foundry, Mansfield, Ohio.  
 Mansfield & Co., glass signs & ceilings, 229 West, New York.  
 Mansfield, Edw., & Co., machsts. & fndrs., Orono, Me.  
 Mansfield Elastic Web Co., Mansfield, Ohio.  
 Mansfield Electric Hardware Mfg. Co., Mansfield, Ohio.  
 Mansfield Engineering Co., Fletcher Sav. & Trust Bldg., Indianapolis, Ind. *See adv index at end of book.*  
 Mansfield, Fred C., Co., canned goods, Johnson Creek, Wis.  
 Mansfield Furnace & Coal Co., machsts. & fndrs., Mansfield, Mass.  
 Mansfield, G. H., & Co., fish line, Canton, Mass.  
 Mansfield, Geo. W., architect, 906 Main, Richmond, Ind.  
 Mansfield Hardwood Lumber Co., Winnfield, La.  
 Mansfield, Jos. W., knitted gloves, 1527 Ridge av, Phila., Pa.  
 Mansfield Lock Washer Co., Mansfield, Ohio.  
*See adv index at end of book.*  
 Mansfield Lumber Co., Mansfield, Ohio.  
 Mansfield Lumber & Constr. Co., Mansfield, Ga.  
 Mansfield Lbr. Yards, Mansfield, La.  
 Mansfield Novelty Co., toys, Mansfield, Pa.  
 Mansfield Packing Co., canned goods, Jonesport, Me.  
 Mansfield Pattern Works, Mansfield, Ohio.  
 Mansfield Piano Co., Willow av. & E. 135th, New York.  
 Mansfield, R., & Son, store & bar fix., Louisville, Ky.  
 Mansfield Sheet & Tin Plate Co., Mansfield, Ohio.  
 Mansfield Specialty & Machine Co., Mansfield, Ohio.  
 Mansfield Tire & Rubber Co., Mansfield, Ohio.  
 Manson Bldg. Materials Co., 44 Bromfield, Boston, Mass.  
 Manson-Campbell Co., incubators, Campbell & Leavitt, Detroit, Mich.  
 Manson Co., contractors, Engineers Bldg., Cleveland, Ohio.  
 Manson Hdwe. Co., Burlington, Vt.  
 Mansur, Wilfred E., architect, Bangor, Me.  
 Mansure, E. L., Co., fringes, 185 N. Michigan av, Chicago, Ill.  
 Mantapike Canning Co., Mantapike, Va.  
 Manteca Canning Co., Manteca, Cal.  
 Manteno Brick & Tile Co., Manteno, Ill.  
 Mantley Mfg. Co., steel tanks, Milwaukee, Wis.  
 Manticoke Constr. Co., Manticoke, Pa.  
 Mantik Packing Co., canned goods, 249 S. 7th, Baltimore, Md.  
 Mantle Machy. & Patents Co., 150 Lafayette, New York.  
 Mantion, John, tubular boilers, ft. of Court, Brooklyn, N. Y.  
 Mantorville Stone Co., Mantorville, Minn.  
 Mantz, M. A., architect, 234 Spicer, Akron, Ohio.  
 Manufactured Rubber Co., Penna Bldg., Philadelphia, Pa.  
 Manufacturers' Assn., York, Pa.  
 Manufacturers' Belt Hook Co., 113 N. Green, Chicago, Ill.  
 Manufacturers' Broom & Brush Co., Memphis, Tenn.  
 Manufacturers' Brush Co., 1958 W. 45th, Cleveland, Ohio.  
 Manufacturers' Can Co., 426 Mulberry, Newark, N. J.  
 Manufacturers' Charcoal Co., Bradford, Pa.  
 Manufacturers' Contracting Co., Law Bldg., Wilmington, Del.  
 Manufacturers' Equipment Co., brick & clay dyers, Dayton, O.  
 Manufacturers' Equipment Co., tools, 175 N. Jefferson, Chicago, Ill.  
 Manufacturers' Equipment & Engineering Co., 136 Federal, Boston, Mass.  
 Manufacturers' Fdry. Co., 15th & Oklahoma av, Milwaukee, Wis., & Sinking Spring, Pa., & Waterbury, Conn.  
 Manufacturers' & Inventors' Elec. Co., models & experimental wk., batteries, etc., 29 Gold, New York.  
 Manufacturers' Iron Fdry, Bridgeport, Conn.  
 Manufacturers' Oil & Grease Co., Century Bldg., Cleveland, O.  
 Manufacturers' Paraffine Co., oils, Chester, Pa.  
 Manufacturers' Record, trade publication, Baltimore, Md.  
*See adv index at end of book.*  
 Manufacturers' Selling Co., mill & facty supplies, Trenton, N. J.  
 Manufacturers' Supplies Co., mill & facty. supplies, Juniper & Cherry, Philadelphia, Pa.  
 Manufacturers' Supply Co., mill & facty supplies, 2323 Univ. av, S. E., Minneapolis, Minn., & New Bedford, Mass.  
 Manufacturing Equipment & Engineering Co., steel factory equipment mfrs., 136 Federal, Boston, Mass.  
 Manufacturing Jeweler, trade publication, 42 Weybosset, Providence, R. I.  
 Manville Co., cotton sheeting, Board of Trade Bldg., Providence, R. I.  
 Manville, E. J., Machine Co., Waterbury, Conn.  
 Manville, J. A., pianos, Grand Rapids, Mich.  
 Manwell, J. W., heating contr., East Downington, Pa.  
 Manweller, A. C., Co., inc. lamps, Ft. Wayne, Ind.  
 Manz, Jos., stone, 1609 Clark, Milwaukee, Wis.  
 Manzel Bros. Co., machsts., 315 Babcock, Buffalo, N. Y.  
 Manzelmann, Chas., corn brooms, 741 Bellevue, Detroit, Mich.



- Mapes, E. B., & Co., machsts., South Haven, Mich.  
 Mapes Formula & Peruvian Guano Co., fertilizer mfrs., 143 Liberty, New York.  
 Maphet & Shea Lbr. Co., Knoxville, Tenn.  
 Maple City Foundry & Furnace Co., Monmouth, Ill.  
 Maple City Glass Co., Honesdale, Pa.  
 Maple City Mfg. Co., oil cans, miners' lamps, Monmouth, Ill.  
 Maple Flooring Mfrs. Ass'n, Stock Exchange Bldg., Chicago, Ill.  
 Maplecroft Mills, cotton sheetings, Liberty, S. C.  
 Maples Lumber Co., Knoxville, Tenn.  
 Maplewood Mills, absorbent cotton mfrs., Fall River, Mass.  
 Maplewood Planing Mill & Stair Co., sash, door & blind mfrs., 2718 Sutton av, St. Louis, Mo.  
 Mar, Jno. E., & Son, ship bldrs., West Haven, Conn.  
 Mara, P. J., contractor, Flushing, N. Y.  
 Marask, Chas., steam htg. contrs., Ozone Park, N. Y.  
 Marathon Granite Co., Wausau, Wis.  
 Marathon Lumber Co., Laurel, Mass.  
 Marathon Motor Car Co., machsts. & fndrs., Nashville, Tenn.  
 Marathon Paper Mills Co., Rothschild, Wis.  
 Marathon Tire & Rubber Co., Cuyahoga Falls, Ohio.  
 Maravigli, John, & Co., granite, Quincy, Mass.  
 Marble Arms & Mfg. Co., machsts. & fndrs., Gladstone, Mich.  
 Marble, P. L., Chair Co., Bedford, Ohio.  
 Marble Cliff Quarries Co., Hartman Bldg., Columbus, Ohio.  
 Marble, E. W., & Co., tex. machy. (shuttle irons), Wilkinsville, Mass.  
 Marble Head Lime Co., Chicago, Ill.  
 Marble, J. Russell & Co., mill & facty. supplies & chemicals, Worcester, Mass.  
 Marble & Shattuck Chair Co., 96 Foster, Cleveland, Ohio.  
 Marble, W. A., & Co., canned goods, West Farmington, Me.  
 Marblehead Lime Co., 159 N. State, Chicago, Ill.  
 Marblehead Mfg. Co., glue, Marblehead, Mass.  
 Marbleoid Co., tile, pipe joint compounds, cements, etc., 47 W. 34th, New York.  
 Marbleized Sanitary Flooring Co., New Haven, Conn.  
 Marburg Bros., gas igniters, lamps, spark plugs, etc., 90 West, New York.  
 Marcellus, Geo. A., masons' & bldrs.' matls.—contr., Oneida, N. Y.  
 Marcellus Paper Co., Syracuse, N. Y.  
 March, A. H., Packing Co., meat, Bridgeport, Pa.  
 March-Brownbach Stove Co., Pottstown, Pa.  
 March-Tenny Co., drinking fountains, Muskegon, Mich.  
 Marchant Calculating Machine Co., Oakland, Cal.  
 Marchant, Geo. F., Co., machsts., 1420 S. Rockwell, Chicago, Ill.  
 Marchant, Wm. T., architect, 36 Pearl, Hartford, Conn.  
 Marchetti, J. E., architect, 736 Main, Hartford, Conn.  
 March's, I. F., Sons, masons' & bldrs.' matls., Bridgeport, Pa.  
 Marcell & Smith, machsts., Springfield, Mass.  
 Marco Mills, cereals, Pine Bluff, Ark.  
 Marconi Wireless Telegraph Co., elec. condensers, Woolworth Bldg., New York.  
 Marcott, O. J., & Sons, lbr., Randolph, Vt.  
 Marcotte & Guillory, machsts., Eunice, La.  
 Marcum, S. M., & Bro., flour mills, Sulphur Well, Ky.  
 Marcus, Bertram N., architect, 347 5th av, New York.  
 Marcus Bros., ground connection clamps, 135 Pearl, Boston, Mass.  
 Marcus Bros., glass stainers, 866 N. 10th, Phila., Pa.  
 Marcus, Harris & Sons Co., insulator pins & brackets, Muscoda, Wis.  
 Marcus, Harry, Iron Wks., 237 Van Sinderen av, B'klyn, N. Y.  
 Marcus, J. L., wood handles, Round Hill, Va.  
 Marcus, M., Bldg. Co., 2023 Reading rd, Cincinnati, Ohio.  
 Marcussen, E., flashlight, etc., 136 Liberty, New York.  
 Marcussen, Marius, contractor, 201 Sansome, San Fran., Cal.  
 Marcy, Geo. L., architect, Dorranceton, Pa.  
 Marcy Stove Repairing Co., machsts. & fndrs., 340 Grove, Jersey City, N. J.  
 Marcy Tool Wks., Putnam, Conn.  
 Marden, Orth & Hastings Co., chemicals, dyes & oils mfrs., 61 B'way, New York.  
 Mardis, J. C., Co., contractors, Des Moines, Ia. & Brandeis Theatre Bldg., Omaha, Neb.  
 Marean & Norton, architects, Ch. of Com. Bldg., Denver, Colo.  
 Marengo Canning Co., Marengo, Ind.  
 Marengo Foundry & Machine Co., Marengo, Ill.  
 Marentette, J. E., contractor, 137 W. Larned, Detroit, Mich.  
 Maresh, Wm., cornices, Iowa City, Ia.  
 Maret & Kauger, cornices, Paducah, Ky.  
 Maret, Jos., granite prod., Barre, Vt.  
 Maret, F. J., architect, 805 Dennis av, Houston, Tex.  
 Margerison, W. H., & A. E. & Co., towels, Jasper & Huntington, Phila., Pa.  
 Margerum, H. W., cornices, Princeton, N. J.  
 Margon, Irving, architect, 370 E. 149th, New York.  
 Margraff Mfg. Co., machsts. & fndrs., Augusta, Ky.  
 Marianna Mfg. Co., cottonseed meal, Marianna, Fla.  
 Marianna Spoke Co., Marianna, Ark.  
 Marienthal Co., glue, 1709 John, Cincinnati, Ohio.  
 Marienthal, Oscar B., architect, 4630 Prairie av, Chicago, Ill.  
 Marietta Bone & Phosphate Co., Marietta, Ohio.  
 Marietta Casting Co., Marietta, Pa.  
 Marietta Chair Co., Marietta, Ohio.  
 Marietta Fertilizer Co., Atlanta, Ga.  
 Marietta Glass Mfg. Co., Indianapolis, Ind.  
 Marietta Hollow Ware & Enameling Co., machsts. & fndrs., Marietta, Pa.  
 Marietta Paint & Color Co., Marietta, Ohio.  
 Marietta Rustic Co., gas logs, Williamstown, W. Va.  
 Marietta Stone Co., Marietta, Ohio.  
 Marietta Torpedo Co., Marietta, Ohio.  
 Marine, Arlando, stone producers, wkrs. & dlrs., 5 E. 42d, New York.  
 Marine Boiler Works Co., Toledo, Ohio.  
 Marine Electrical Co., Lorain, Ohio.  
 Marine Engine & Boiler Co., Philpot & Point, Baltimore, Md.  
 Marine Hardware Co., Peabody, Mass. & San Pedro, Cal.  
 Marine Hdwe. Equipt. Co., Portland, Me.  
 Marine Insulated Wire & Rubber Co., Marion, Ind.  
 Marine Iron & Shipbldg. Wks., Duluth, Minn.  
 Marine Iron Wks., machy., 2036 Dominick, Chicago, Ill.  
 Marine Mfg. & Supply Co., machsts. & fndrs., 35 Water, Pittsburgh, Pa.  
 Marine Mfg. & Supply Co., mill & facty. supplies—machsts. & fndrs., 158 South, New York.  
 Marine Metal & Supply Co., 2d hand pipes, 167 South, New York.  
 Marinek, J. M., Hardware Co., Cedar Rapids, Ia.  
 Mariner, Frank W., contractor, Youngstown, Ohio.  
 Mariner, Guy C., architects, Chemical Bldg., St. Louis, Mo.  
 Mariner & Hoskins, chemists, 111 W. Monroe, Chicago, Ill.  
 Marinette Flour Mill Co., Marinette, Wis.  
 Marinette-Green Bay Mfg. Co., excelsior, Marinette, Wis.  
 Marinette Iron Works, machsts. & fndrs., Marinette, Wis.  
 Marinette Knitting Mills, sweaters, cardigans, etc., Marinette, Wis.  
 Marinette & Menominee Box Co., Marinette, Wis.  
 Marinette & Menominee Paper Co., Marinette, Wis.  
 Maring, H., Const. Co., South Norwalk, Conn.  
 Maring, Hart & Co., bottles, jars, Dunkirk, Ind.  
 Maring, Herman, architect, South Norwalk, Conn.  
 Marion Brick Wks., Marion & Montezuma, Ind.  
 Marion Cotton Oil Co., meal, Marion, S. C.  
 Marion County Construction Co., 1600 S. West, Indianapolis, Ind.  
 Marion Extract Co., tanning, Marion, Va.  
 Marion Flint Glass Co., bottles, Marion, Ind.  
 Marion Fdry. & Machine Works, Marion, Va.  
 Marion Fruit & Produce Co., fertilizer mfrs., Marion, Va.  
 Marion Grey Iron Fdry. Co., Marion, Ind.  
 Marion Guano Co., fertilizer mfrs., Marion, S. C.  
 Marion Handle & Mfg. Co., farm tool handles, Marion, Ind.  
 Marion Hardware Co., Marion, Ind. & Ocala, Fla.  
 Marion Lime Co., Ocala, Fla.  
 Marion Lbr. Co., Marion, Ind.  
 Marion Mach. Fdry. & Supply Co., Bartlesville, Okla. & Marion, Ind.  
 Marion Malleable Iron Wks., 2300 W. 9th, Marion, Ind.  
 Marion Mattress Wks., Marion, Ind.  
 Marion Milling Co., flour, Marion, Ky.  
 Marion Paper Box Co., Marion, Ind.  
 Marion Paper Co., jute board, box board mfrs., Marion, Ind.  
 Marion Steam Shovel Co., P. O. Box 505, Marion, Ohio.  
 Marion Stove Co., Marion, Ind.  
 Marion Tire & Rubber Co., Marion, Ohio.  
 Marionville Canning Co., Marionville, Mo.  
 Maris Bros., cranes & hoists, 56th & Gray's Ferry rd, Phila., Pa.  
 Maritime Dredging Co., 50 E. 42d, New York.  
 Maritz & Henderson, architects, New Bank of Commerce Bldg., St. Louis, Mo.  
 Mark, F. W., Constr. Co., E. 46th & Euclid av, Cleveland, Ohio.  
 Mark, Frank, Constr. Co., 2816 N. 21st, Phila., Pa.  
 Mark & Lally Co., plumbers' supplies, 2d & Tehama, San Francisco, Cal.  
 Mark Mfg. Co., machsts. & fndrs., Evanston, Ill.  
 Mark & Mohl, architect'l & ornament'l iron, 3d av & 6th, Brooklyn, N. Y.  
 Mark & Sheftall, architects, Clark Bldg., Jacksonville, Fla.  
 Markels, Leonard, button machy. & dies, 165 William, New York.  
 Markert Mfg. Co., pkg. box mfrs., Syracuse, N. Y.  
 Markesan Canning Co., Markesan, Wis.  
 Market Forge Co., fndrs., Chelsea, Mass.  
 Market Forge Co., racks, 217 5th, Boston, Mass.  
 Markey, Wm. T., lbr. mfrs., Saginaw, Mich.  
 Markgraf & Mampe, architects, Benson Bldg., Wichita, Kans.  
 Markgraf, Rudolph, architect, Ridge Bldg., Kansas City, Mo.  
 Markham, A. G., Co., soap, Springfield, Mass.  
 Markham Air Rifle Co., Plymouth, Mich.  
 Markham, F. E., machst. & fndrs., Frankfort, Mich.  
 Markham, F. J., canned goods, Munford, Va.  
 Markham, G. J., canned goods, Lowry, Va.  
 Markham, J. W., common brick, Traverse City, Mich.  
 Markham, L. R., canned goods, Lithia, Va.  
 Markham Mfg. Co., wood nov., Plymouth, Mich.  
 Markham Shingle Co., lbr., Markham, Wash.  
 Markland Canning Co., Markland, Ind.  
 Markle, R. B., contractor, Hearst bldg., San Francisco, Cal.  
 Markle Stone & Lime Co., Markle, Ind.  
 Markley, A. G., sash, door & blind, Georgetown, Ohio.  
 Markley, C., contractor, Roanoke, Va.  
 Markley, Geo. J., brick, Mineral City, Ohio.  
 Markley, R. R., architect, Patriot Bldg., Harrisburg, Pa.  
 Markley, Wm. D., contractor, Harrisburg, Pa.



- Marko, Paul M., storage batteries, 1191 Bedford av, Brooklyn, N. Y.
- Markowitz, Philip, architect, 405 Lexington av, New York.
- Marks Bros. Co., bldg. contrs., West Allis, Wis.
- Marks Bros. Saddlery Co., Omaha, Neb.
- Marks, H., masons' & bldrs.' matls., Sheffield, Ala.
- Marks, H., Sons, scrap iron, 1045 W. 14th, Chicago, Ill.
- Marks & Hammacher Co., whol. hdwe., 194 West, New York.
- Marks & Knoring Co., toys, games & nov., 40 Winchester, Boston, Mass.
- Marks Mfg. Co., toys, 101 Albany, Boston, Mass.
- Markwith, Roland I., architect, 111 5th av, New York.
- Mariatt, S., insulators, Richmond, Ind.
- Marlboro Cotton Mills, tire fabrics, McColl, S. C.
- Marlboro Fertz Co., Bennettsville, S. C.
- Marlett, Sam'l, machsts., Richmond, Ind.
- Marley Bros., cornices & skylights, 17 Southampton, Boston, Mass.
- Marley Mill Corp., paper & pulp mills, Childs, Md.
- Marlin Fire Arms Corp., New Haven, Conn.
- Marlow & Eldridge, contractors, Brockton, Mass.
- Marlow, Frank S., architect, 11 E. 24th, New York.
- Marmac Constr. Co., 316 W. 30th, New York.
- Marmet-Halm Coal & Coke Co., 1st Nat. Bk. Bldg., Cincinnati, O.
- Marnell, Nicholas, contractors, Syracuse, N. Y.
- Marnock, A. & Co., granite, S. Quincy, Quincy, Mass.
- Maroa Mfg. Co., agricultural implements, Maroa, Ill.
- Maroney & Hearn, machsts., Colusa, Cal.
- Marquardt Sash & Door Mfg. Co., 307 Canal rd, Cleveland, Ohio.
- Marquardt Bros., masons' & bldrs.' matls., New London, Conn.
- Marquardt, H. & Co., German-Portland cement imprts. of crude rubber, 35 S. William, New York.
- Marquardt & Ormond, machsts., Rochester, Minn.
- Marquess Milling Co., flour, Marquess, W. Va.
- Marquette Box & Lumber Co., Marquette, Mich.
- Marquette Cement Mfg. Co., 140 S. Dearborn, Chicago & La Salle, Ill.
- Marquette Construction Co., 133 W. Washington, Chicago, Ill.
- Marquette, Jno. N., Sons, machsts., 513 S. Eden, Baltimore, Md.
- Marquette Piano Co., 1608 S. Canal, Chicago, Ill.
- Marquette Univ. Coll. Applied Science & Engng., Milwaukee, Wis.
- Marr Bros. & Stewart Co., contractors, 319 Washington, Boston, Mass.
- Marr Canning Co., Gravette, Ark.
- Marr, Daniel, & Son Co., contractors, 334 Dorchester av, S. B., Boston, Mass.
- Marr & Gordon, granite, Barre, Vt.
- Marr & Holman, architects, Stahlman Bldg., Nashville, Tenn.
- Marr, Richard H., architect, Kresge Bldg., Detroit, Mich.
- Marra, Owen, stone prod., 293 Bridge, Springfield, Mass.
- Marresford, Wm. F., machsts. & fndrs., 56 Pearl, Br'klyn, N. Y.
- Marrin, E. & J., Co., contractors, 520 E. 18th, New York.
- Marrison & O'Leary, granite, Barre, Vt.
- Marriott, Allen & Hall, architects, 20 E. Broad, Columbus, O.
- Marryman, Geo., & Bros., broom corn, Wichita, Kans.
- Marscheider & Co., pianos, 15 E. 14th, New York.
- Marseilles Co., machsts. & fndrs.—corn shellers, E. Moline, Ill.
- Marseilles Harrow Mfg. Co., Marseilles, Ill.
- Marseilles Works (John Deere & Co.), agricultural impléments, East Moline, Ill.
- Marsellus, John, Casket Co., Syracuse, N. Y.
- Marsh, B. F., Co., masons' & bldrs.' matls., Worcester, Mass.
- Marsh & Bingham Co., lumber mfrs., 1405 W. 37th, Chicago, Ill.
- Marsh Bros., Co., contractors, R. F. D. 1, Bridgeport, Conn.
- Marsh Bros. & Gardenier, contractors, Monadnock Bldg., San Francisco, Cal.
- Marsh-Capron Mfg. Co., concrete & mortar mixers, 480 Lumber Exchange Bldg., Chicago, Ill.
- Marsh, Chas. W., Co., packing (leather), Muskegon, Mich.
- Marsh & Co., contractors, tools & supplies, Old Colony Bldg., Chicago, Ill.
- Marsh Corp., elevators, Garrett Bldg., Baltimore, Md.
- Marsh, E. B., Bro. & Co., machsts. & fndrs., Stroudsburg, Pa.
- Marsh, Geo. B., Inc., whol. hdwe., Nogales, Ariz.
- Marsh, Geo. E., Co., soap, Boston & Lynn, Mass.
- Marsh & Gette, architects, 46 Cedar, New York.
- Marsh, H. C. & Co., machsts., Rockford, Ill.
- Marsh, J. Hy., ship bldr., Solomons, Md.
- Marsh, Jas. P., & Co., machsts., 118 S. Clinton, Chicago, Ill.
- Marsh, Jos. J., architect, 17 Cone, Orange, N. J.
- Marsh-Lee Co., fertilizer, Marshville, N. C.
- Marsh Mfg. Co., oil can faucets, spouts, etc., 56 Pine, New York.
- Marsh-Murdoch Co., masons' & bldrs.' matls., cor Stanton av & Shillets, Cincinnati, Ohio.
- Marsh, Norman F., architect, B'way Central Bldg., Los Angeles, Cal.
- Marsh & Peter, architects, 520 13th, N. W., Washington, D. C.
- Marsh & Truman Lumber Co., 332 S. Michigan av, Chicago, Ill.
- Marsh Valve Co., Dunkirk, New York.
- Marsh, W. E., wood pails, Westport, N. H.
- Marsh, W. M., architect, St. James Bldg., Jacksonville, Fla.
- Marsh & Wallingsford, architect, Phoenix, Ariz.
- Marshall, A. H., Co., whol. hdwe., Plattsburgh, N. Y.
- Marshall, A. L., contractor, Roanoke, Va.
- Marshall, Barrick Co., cornices, Lyons, N. Y.
- Marshall & Beglin, masons' & bldrs.' matls., Midland, Pa.
- Martin Bros., brick, Dunkirk, Ind.
- Martin Bros., machsts., Akron, Ohio.
- Marshall Bros., masons' & bldrs.' matls., New Castle, Pa.
- Marshall Bros., paper & pulp mill, Yorklyn, Del.
- Martin Bros., ties, poles & posts, Manhattan Bldg., Duluth, Minn.
- Marshall Bros., Co., freight elev., S. 21st, Pittsburgh, Pa.
- Martsof Bros., Co., masons' & bldrs.' matls.—contrs., New Brighton, Pa.
- Marshall Bros., & Co., tin plate, etc., Front & Girard av, Phila., Pa.
- Marshall, C. A., brick, Cresco, Ia.
- Marshall, C. P., cleanout ferrules, Rochester, N. Y.
- Marshall, C. W. Const. Co., contractors, Reserve Bank Bldg., Kansas City, Mo.
- Marshall Canning Co., Marshalltown, Ia.
- Marshall Car Wheel & Fdry. Co., Marshall, Tex.
- Marshall, D. E., Contr. & Mfg. Co., 2011 E. 10th, Kansas City, Mo.
- Marshall Fertilizer Factory, Marshall, Tex.
- Marshall Foundry Co., gray iron castings, 28th & Railroad, Pittsburgh, Pa.
- Marshall & Fox, architects, 38 S. Dearborn, Chicago, Ill.
- Marshall Furnace Co., Marshall, Mich.
- Marshall, Geo. B., machst., Charlottesville, Va.
- Marshall, Godfrey, harness, etc., Indiana, Pa.
- Marshall, Henry Rutgers, architects, 3 W. 29th, New York.
- Marshall & Huschart Machy. Co., 17 S. Jefferson, Chicago, Ill.
- Marshall, J. L., & J. O., canned goods, Overbrook, Del.
- Marshall, Jas. G., flour mills, Gladys, Va.
- Marshall, Jas. L., contr., 700 10th, N. W., Washington, D. C.
- Marshall, Jesse, stone producer, Carrollton, Ohio.
- Marshall, John & Co., sashes, doors & blinds, Apalachicola, Fla.
- Marshall, Joseph, architect, 1601 West, Topeka, Kans.
- Marshall, L. D., canned goods, Thaxton, Va.
- Marshall Mfg. Co., thermometers, Coshocton, Ohio.
- Marshall Mill & Elevator Co., flour, Marshall, Tex.
- Marshall Milling Co., flour, Marshall, Minn.
- Marshall & Mitchell, paper & pulp mill, Wooddale, Del.
- Marshall Oil Co. of Iowa, Marshalltown, Ia.
- Marshall-Rogers Co., contractors, 6 Beacon, Boston, Mass.
- Marshall, Son & Co., machsts. & fndrs., 226 Purchase, Boston, Mass.
- Marshall & Spencer Co., masons' & bldrs.' matls., Jacksonville, Fla.
- Marshall, T. J., lbr., Blue Ridge, Ind.
- Marshall, Thos. H., contractor, 413 Locust, Phila., Pa.
- Marshall Vibrator Co., massage vibrators, 141 W. 36th, New York.
- Marshall, W. E., cornices, 628 Sheridan av., Detroit, Mich.
- Marshall-Wells Hdwe. Co., whol. hdwe., Lake av, S., Duluth, Minn.
- Marshall, Wm., tubular boilers, Dubuque, Ia.
- Marshall, Wm., tele. condensers, 709 Lexington av, New York.
- Marshalltown Buggy Co., Marshalltown, Ia.
- Marshalltown Trowell Co., Marshalltown, Ia.
- Marshallfield Canning Co., Marshallfield, Mo.
- Marshallfield Mfg. Co., bee keepers' supplies, Marshallfield, Wis.
- Marsland, Jas., roll coverers, Lawrence, Mass.
- Marsteller, S. A., architect, 215 Wood, Pittsburgh, Pa.
- Marston Bros., Co., masons' & bldrs.' matls., Appleton, Wis.
- Marston Cooperage Co., hoops (coiled elm), Marston, Mo.
- Marston, I. G., & Co., washers, 226 Ruggles, Boston, Mass.
- Marston, J. M. & Co., machsts. & fndrs., 226 Ruggles, Boston, Mass.
- Marston Rake Co., dowels, roof brackets, cloth boards, etc., Lebanon, N. H.
- Marston & Van Pelt, architects, Pasadena, Cal.
- Mart & Lawton, tile imp. & floor mosaics, 1123 B'way, New York.
- Martercross Co., bars, 164 N. Wabash av, Chicago, Ill.
- Martel, L. E., contractor, Manchester, N. H.
- Martel Lumber Co., Martel, Fla.
- Martell Packings Co., Inc., metallic packings, Elyria, Ohio.
- See adv index at end of book.
- Marten, A. W., sashes, doors & blinds, Hartland, Vt.
- Martens & Coffey, architects, Humboldt Bk. Bldg., San Francisco, Cal.
- Martens, E. W., architect, Storm Lake, Ia.
- Martens-Leary Co., carriages, Bloomington, Ill.
- Martens, Wm., architect, 1330½ Commerce, Dallas, Tex.
- Martenstein, Jacob, & Co., flour mills, San Francisco, Cal.
- Marthens, Chester N., Marble Co., W. 53d & Wallace, Chicago, Ill.
- Martin, A. A., stone producer, Gilroy, Cal.
- Martin, A. C., architect, Higgins Bldg., Los Angeles, Cal.
- Martin, A. E., Fdry. & Mach. Co., cast iron cylinders, grey iron castings & metallic packing mfrs., 705 Park, Milwaukee, Wis.
- Martin, A. O., architect, Doylestown, Pa.
- Martin, A. W., sash, door & blind mfr., Hartland, Vt.
- Martin, Adam, stone, Phillipsburg, N. J.
- Martin, Adolph (Est. of), wooden shells, Passaic, N. J.
- Martin & Andrews, architects, Greenville, S. C.
- Martin & Anson Co., machsts., 2226 Indiana av, Chicago, Ill.
- Martin, Arch T., flour mills, Moundsville, W. Va.
- Martin & Armstrong, contractors, Lake Charles, La.
- Martin, B. M., machts. & fndr., 473 B'way, New York.
- Martin, B. S. D., architect, 86 Weybosset, Providence, R. I.
- Martin Band Instrument Co., Elkhart, Ind.



- Martin-Barriss Co., lumber, 2048 W. 3d, Cleveland, Ohio.  
 Martin Brick Co., Empire Bldg., Pittsburgh, Pa.  
 Martin & Bro., brick, 1504 S. Capitol, Washington, D. C.  
 Martin Bros., Co., barrels, Toledo, Ohio.  
 Martin, C. E., & Bros., cornices & skylights, Mansfield, Ohio.  
 Martin, C. F., architect, Hutchinson, Kans.  
 Martin, C. & Son, masons' & bldrs.' matls., Mechanicsburg, Pa.  
 Martin, C. W., Co., masons' & bldrs.' matls., Annapolis, Md.  
 Martin Carriage Works, wagon & motor truck bldrs., York, Pa.  
 Martin, Clarence L., architect, Claremont, N. H.  
 Martin & Co., stencils, 119 S. Clark, Chicago, Ill.  
 Martin Co., machsts. & fndrs., Sac City, Ia.  
 Martin Construction Co., 74 W. Washington, Chicago, Ill.  
 Martin County Buggy Co., carriages, Williamston, N. C.  
 Martin Crate Co., Martin, Fla.  
 Martin, D. B., Co., fertilizer & glue mfrs., 30th & Market, Phila., Pa.  
 Martin, D. B., Co., meat packers, Brunswick nr Wilkens, Baltimore, Md., & Wilmington, Del.  
 Martin, E. E., contractor, Steubenville, Ohio.  
 Martin, E. S., & Son Co., cornices & skylights, Eastport, Me.  
 Martin, Eugene K., architect, 2192 Shattuck av, Berkeley, Cal.  
 Martin Fertilizer Co., Norfolk, Va.  
 Martin Fndry. Co., Port Washington, Wis.  
 Martin & Freethy, architects, 141 Milk, Boston, Mass.  
 Martin Grate Co., Fisher Bldg., Chicago, Ill.  
 Martin, H. H. Lumber Co., Centralia, Wash.  
 Martin, H. H., Mfg. Co., fndrs., Louisville, Ky.  
 Martin, H. L., steam btg. contrs., 1411 E. 14th, Kansas City, Mo.  
 Martin, H. P., & Sons, portable benches & conduit benders, Owensboro, Ky.  
 Martin & Hall, architects, Union Trust Bldg., Providence, R. I.  
 Martin Hardware Co., Mansfield, Ohio.  
 Martin & Heagy Mfg. Co., barrows, vehicles, wagons, etc., Elizabethtown, Pa.  
 Martin Hub Wks., Tidioute, Pa.  
 Martin, J. B., architect, East Liverpool, Ohio.  
 Martin, J. B., Co., velvets, Norwich, Conn.  
 Martin, J. Diller, carriages, Ephrata, Pa.  
 Martin, J. S., Co., masons' & bldrs.' matls., Marblehead, Mass.  
 Martin, Jas G., machsts. & fndrs., Middletown, N. Y.  
 Martin, John, packing box mfrs., 1432 N. 6th, Philadelphia, Pa.  
 Martin, John, Lbr. Co., 217 Como av, St. Paul, Minn.  
 Martin, Jos., contractor, Trenton, N. J.  
 Martin, Jos., & Sons, starch mfrs., Van Buren, Me.  
 Martin & Kirkpatrick, architects, 130 S. 15th, Philadelphia, Pa.  
 Martin, L. Co., carbon & lamp black mfrs., 81 Fulton, New York.  
 Martin, Leason, woodenware mfrs., Richmond, N. H.  
 Martin, M. R., agricultural implements, St. Louis, Park, Minn.  
 Martin, Malcolm S., architect, Hannibal, Mo.  
 Martin Mfg. Co., buckets—collapsible, Lancaster, Ohio.  
 Martin & Martin, shoe blacking, 3005 Carroll, Chicago, Ill.  
 Martin Metal Mfg. Co., Wichita, Kans.  
 Martin, O. J., flour, Siloam, N. C.  
 Martin, Otto, & Co., printing inks, 130 N. 4th, Philadelphia, Pa.  
 Martin, P. J., elec. illuminated signs, 302 W. 53d, New York.  
 Martin Pulp & Paper Co., Norwood, N. Y.  
 Martin, R. H., Co., asbestos miners, 220 B'way, New York.  
 Martin Rocking Fifth Wheel Co., 244 Main, Springfield, Mass.  
 Martin, S. B., hdwe. mfrs.—door hangers, Dalton, Ohio.  
 Martin, Sam'l, Co., beetle, post, etc., rings, 81 Adams, Brooklyn, N. Y.  
 Martin-Semour Co., paints & varnishes, 2520 Quarry, Chicago, Ill.  
 Martin, Sidney, webbing, Chelsea, Mass.  
 Martin Stove Co., Ltd., Haynesville, La.  
 Martin & Strickland, masons' & bldrs.' matls., Plain City, Ohio.  
 Martin, T. J., Co., contrs., Terre Haute, Ind.  
 Martin, Thom., tent contr., 304 Canal, New York.  
 Martin Tram Co., lumber, Lake Charles, La.  
 Martin & Van Oven, common brick, Naperville, Ill.  
 Martin Vibroplex & Megograph Co., 253 B'way, New York.  
 Martin, W. B., stone producers, Rockville, Conn.  
 Martin, W. H., mattresses, Sioux Falls, S. D.  
 Martin, W. T., Hardware Co., Charlottesville, Va.  
 Martin, Wm., contractor, 110 Jessie, San Francisco, Cal.  
 Martin, Wm. A., machst., Hopewell Junction, N. Y.  
 Martin, Wm. A., & Co., pine pitch & tar, turpentine, Wilmington, N. C.  
 Martin, Wm. E., Co., contractors, Troy, N. Y.  
 Martin, Wm. F., hide & lthr. finishing machs., Salem, Mass.  
 Martin, William, & Son, contrs., 164 State, Bridgeport, Conn.  
 Martina Mosaics Co., 132 E. Pearl, Cincinnati, Ohio.  
 Martindale, Clarence, architect, Fletcher Tr. Bldg., Indianapolis, Ind.  
 Marting Iron & Steel Co., Ironton, Ohio.  
 Martini, E. A., architect, 64 E. Van Buren, Chicago, Ill.  
 Martin's, E. J., Sons, fish line mfrs., Rockville, Conn.  
 Martinson Estate Co., granite, Barre, Vt.  
 Martinsville Brick Co., Martinsville, Ind.  
 Martinsville Construction Co., Martinsville, Ind.  
 Martinsville Cotton Mills Co., cotton sheetings, Martinsville, Va.  
 Martling, J. H., architect, 15 W. 9th, Kansas City, Mo.  
 Martsoff, Geo. W., masons' & bldrs.' matls., New Brighton, Pa.  
 Martucci, R., contractor, 539 Ogden, Bridgeport, Conn.  
 Marty, F., & Co., wax tapers, Syracuse, N. Y.  
 Marty Fdry. Co., Meridian, Miss.  
 Hartz Bros., brick, Shelbyville, Ill.  
 Marvel Accessories Mfg. Co., auto accessories, Marvel Bldg., Cleveland, Ohio.  
 Marvel Carburetor Co., Flint, Mich.  
 Marvel Machy. Co., re-boring machines, Minneapolis, Minn.  
 Marvel, T. S., Shipbuilding Co., machsts. & fndrs., Newburgh, N. Y.  
 Marvell, E. I., architect, 57 N. Main, Fall River, Mass.  
 Marvil Package Co., fruit & veg. baskets, Laurel, Del.  
 Harvin & Casler Co., machsts., Canastota, N. Y.  
 Marvin, D. E., machinist, Findlay, Ohio.  
 Marvin & Davis, architects, 303 5th av, New York.  
 Marvin Elec. Drill Co., Binghamton, N. Y.  
 Marvin, Henry, architect, Stamford, Conn.  
 Marvin Mfg. Co. (Ltd.), lubricating oils & greases, Franklin, Pa.  
 Marvin, W. B., Mfg. Co., telephones, Urbana, Ohio.  
 Marvindale Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.  
 Marwedel, C. W., machsts.' tools & supplies, 76 1st, San Francisco, Cal.  
 Marx, Alfred B., & Co., bowl'g alley bldrs., cues, etc., 30 Union sq, New York.  
 Marx, Alphonse, & Sons, scrap iron, 6435 Tchoupitoulas, New Orleans, La.  
 Marx Hide & Tallow Co., Louisville, Ky.  
 Marx, Jno., paint mfr., Hoboken, N. J.  
 Marx, M. F., Mfg. Co., dog biscuits, Louisville, Ky.  
 Marx, Wm. F., architect, Emporia, Kans.  
 Marx-Winkler Co., machsts., 473 Washington, Newark, N. J.  
 Marx Zero Sign Wks., 126 N. Peoria, Ill.  
 Mary, Leila, Cotton Mill, Greensboro, Ga.  
 Maryland Agricultural Coll., College Park, Md.  
 Maryland Belting & Packing Co., 1626 Bank, Baltimore, Md.  
 Maryland Bolt Co., nut, bolt & rivet mfrs., Continental Bldg., Baltimore, Md.  
 Maryland Brass & Metal Wks., fndrs., Guilford & Federal, Baltimore, Md.  
 Maryland Brick & Supply Co., masons' & bldrs.' matls., Frederick, Md.  
 Maryland Car Wheel Wks., Curtis Bay, Baltimore, Md.  
 Maryland Casualty Co., insurance, North & Fay, Baltimore, Md.  
 Maryland Color Printing Co., label mfrs., Holliday & Hillen, Baltimore, Md.  
 Maryland Coppersmith Co., 3831 Eastern av, Baltimore, Md.  
 Maryland Distilling Co., North & Davis, Baltimore, Md.  
 Maryland Dredging & Contracting Co., Fidelity Bldg., Balto., Md.  
 Maryland Enamel & Sign Co., O'D & 8th, Baltimore, Md.  
 Maryland Filling Mach. Co., 336 Guilford av, Baltimore, Md.  
 Maryland Glass Corp., Mt. Winans, Md.  
 Maryland Granite Co., Guilford, Md.  
 Maryland Lime & Cement Co., masons' & bldrs.' supplies, 443 S. Central av, Baltimore, Md.  
 Maryland Lumber Co., Denmar, W. Va.  
 Maryland Mfg. Co., steam jacketed, 521 Baker, Baltimore, Md.  
 Maryland Meter Works, meter mfrs., Baltimore, Md.  
 Maryland Mould & Fndry. Co., Cumberland, Md.  
 Maryland Steel Co., dry docks, Sparrows Point, Md.  
 Maryland Wood Products Co., acetate of lime, wood alcohol, etc., Bradford, Pa.  
 Marysville Cabinet Co., Marysville, Ohio.  
 Masbach Hardware Co., 84 Warren, New York.  
 Maschmeier-Schaefering Carriage & Wagon Co., 2000 N. 15th, St. Louis, Mo.  
 Mascot Stove Mfg. Co., Dalton, Ga.  
 Masem, Nicholas, & Co., contractors, 369 Troutman, B'klyn, N. Y.  
 Mashburn, W. E., contractor, Atlanta, Ga.  
 Mashek Chemical & Iron Co., Wells, Mich.  
 Mashek Engin'g Co., ore contr., plants & machy., 90 West, New York.  
 Mashell Paint Co., Tacoma, Wash.  
 Masi Bros., contractors, 1246 Grotto, Pittsburgh, Pa.  
 Masinda, Wm., pearl buttons, West Willington, Conn.  
 Maslin, Chas W., architect, 34 S. 17th, Philadelphia, Pa.  
 Mason, A. G., Mfg. Co., machy., St. Clair & E. 79th, Cleve., O.  
 Mason Box Co., Attleboro Falls, Mass.  
 Mason Brush Works, foundry & mill brushes, Worcester, Mass.  
 Mason Canning Co., 3d & Walnut, Cincinnati, Ohio.  
 Mason Carriage Wks., Davenport, Ia.  
 Mason City Brick & Tile Co., Mason City, Ia.  
 Mason City Clay Works, brick, Mason City, Ia.  
 Mason City Sewer Pipe Co., Mason City, Ia.  
 Mason City Supply Co., plumbers' supplies—jobbers, Mason City, Ia.  
 Mason County Fruit Growers' Assn., canned, Shelton, Wash.  
 Mason, D. E., butter tubs, Fulton, N. Y.  
 Mason, Davis & Co., machsts. & fndrs., 7740 S. Chicago av, Chicago, Ill.  
 Mason-Donaldson Lumber Co., flooring—maple, Rhinelander, Wis.  
 Mason, F. C., & Co., agricultural implements, St. Johns, Mich.  
 Mason Fence Co., Leesburg, Ohio.  
 Mason, Fenwick & Lawrence, patent attorneys, 600 F, N. W., Washington, D. C. *See adv index at end of book.*  
 Mason, Geo. C., architect, Perry Bldg., Philadelphia, Pa.  
 Mason, Geo. D., architect, 80 Griswold, Detroit, Mich.  
 Mason, Geo. H., Co., tinware mfrs., Boston, Mass.  
 Mason, H. R., brick & tile, Monroeville, Ohio.



- Mason & Hanger Co., contractors, 52 Vanderbilt av, New York.  
 Mason & Hamlin Co., organs, 492 Boylston, Boston, Mass.  
 Mason, Harold E., architect, Keene, N. H.  
 Mason, Hilton, & Co., contractors, 17 Battery pl, New York.  
 Mason, J., contractor, Newport, R. I.  
 Mason, J. B., architect, Paxton blk, Omaha, Neb.  
 Mason, J. S., & Sons, cotton webbing, Westboro, Mass.  
 Mason Jar Glass Cap Co., fruit jars, Anderson, Ind.  
 Mason, Jas. S., Co., shoe blacking, 136 N. Front, Phila., Pa.  
 Mason, John, & Sons, carriages, Bangor, Me.  
 Mason, Joseph, architect, Jamestown, N. Y.  
 Mason Machine Wks., Taunton, Mass.  
 Mason Mfg. Co., churns, Canton, Ohio.  
 Mason Mfg. Co., mop sticks, Perkinsville, Vt.  
 Mason Mfg. Co., tin cans, 156 S. Water, Providence, R. I.  
 Mason, Marcus, & Co., machsts., Framingham, Mass.  
 Mason & Moore, machsts. & fndrs., 30 E. 4th, New York.  
 Mason & O'Connell, masons' & bldrs.' matls., Fort Dodge, Ia.  
 Mason, Olson & Co., flour mills, Mazeppa, Minn.  
 Mason & Parker Mfg. Co., toys, games & nov., Winchendon, Mass.  
 Mason-Perkins Paper Co., Bristol, N. H.  
 Mason, Randolph B., contractor, 308 W. Madison, Balto., Md.  
 Mason Regulator Co., reducing valves & pressure regulators; also regulating devices for use on steam, water, air & gas, mfrs., 1192 Adams, Boston, Mass.  
*See adv. index at end of book.*  
 Mason Silk Mills, Paterson, N. J.  
 Mason & Snowdon Lumber Co., Scranton, Pa.  
 Mason & Starin, masons' & bldrs.' matls., Cortland, N. Y.  
 Mason Tire & Rubber Co., Kent, Ohio.  
 Mason, Volney W., & Co., freight elevators, hand hoist & friction pulleys, 2 Lafayette, Providence, R. I.  
 Mason, W. L., & Co., steel pens, Keene, N. H.  
 Mason, W. N., lbr., South Tamworth, N. H.  
 Mason, Wm. E., steam & hot water htg. contr., 416 E. 161st, New York.  
 Mason, Wm. R., stone prodrs., 1601 W. Marshall, Richmond, Va.  
 Masonry Waterproofing Co., 307 Herkimer, Brooklyn, N. Y.  
 Mason's Supply Co., Easton, Pa.  
 Masons' Supplies Co., 116 Nassau, New York.  
 Masontown Glass Co., Masontown, Pa.  
 Masow & Morrison, contrs., Monadnock Bldg., San Fran., Cal.  
 Masqueray, Emmanuel L., architect, 16 E. 23d, New York.  
 Masquary, E. L., architect, Endicott Bldg., St. Paul, Minn.  
 Massa, Geo., dumbwaiter mfrs., 245 S. 6th, Philadelphia, Pa.  
 Mass. Agricultural Coll., Amherst, Mass.  
 Mass. Commission for the Blind, brooms, Cambridge, Mass.  
 Mass. Cotton Mills, Lowell, Mass.  
 Mass. Dress Suit Case Co., 294 Harrison av, Boston, Mass.  
 Mass. Elec. Mfg. Co., magnet wire, Lynn, Mass.  
 Mass. Institute of Technology, engng. school & coll., 491 Boylston, Boston, Mass.  
 Mass. Lime & Cement Co., masons' & bldrs.' matls., Cambridge, Mass.  
 Mass. Machine Shop, Inc., washers & sheet metal stampings, 54-70 Commercial, Worcester, Mass.  
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 Mass. Mohair Plush Co., 200 Devonshire, Boston, Mass.  
 Mass. Pink Granite Co., New York.  
 Mass. Saw Wks., Springfield, Mass.  
 Massarine, Wm. G., architect, 15 E. 40th, New York.  
 Massasoit Mfg. Co., mops, Fall River, Mass.  
 Massee & Co., oxide of manganese, 24 Stone, New York.  
 Massee & Felton Lumber Co., Macon, Ga.  
 Masseth Packer & Mach. Wks., machinists, Butler, Pa.  
 Massey, Geo. W., masons' & bldrs.' matls., Lambertville, N. J.  
 Massey Gin & Machine Works, Macon, Ga.  
 Massey, H. C., & Bro., flour, Alpha, Miss.  
 Massey Iron Co., Wichita, Kans.  
 Massey Mach. Co., Watertown, N. Y.  
 Massie & Pierce, lumber, Lynchburg, Va.  
 Massillon Aluminum Co., Massillon, Ohio.  
 Massillon Brick Co., Massillon, Ohio.  
 Massillon Bridge & Structural Co., Massillon, Ohio.  
 Massillon-Cleveland-Akron Sign Co., advtg. novelties, Massillon, Ohio.  
 Massillon Foundry & Machine Co., Massillon, Ohio.  
 Massillon Iron & Steel Co., Massillon, Ohio.  
 Massillon Paper Co., Massillon, Ohio.  
 Massillon Rolling Mill Co., Massillon, Ohio.  
 Massillon Rubber Co., Massillon, Ohio.  
 Massillon Sand & Stone Co., Massillon, Ohio.  
 Massillon Stone & Fire Brick Co., Massillon, Ohio.  
 Massillon Wire Basket Co., Massillon, Ohio.  
 Massino, J., Mfg. Co., elec. & gas light fixtures, 740 3d, Milwaukee, Wis.  
 Mast, Foos & Co., pumps, windmills, agricultural implements, etc., 30 Isabella, Springfield, Ohio.  
 Mast, J. W., whol. hdwe., Little Rock, Ark.  
 Mast Lighting Rod Co., West Milton, Ohio.  
 Master Builders Co., Merchants Bk. Bldg., Indianapolis, Ind.  
 Master Cutter Mach. Co., meat choppers & slivers, North av, Oakley, Cincinnati, Ohio.  
 Master Sheet Metal Workers' Journal, trade publications, 261 S. 4th, Phila., Pa.  
 Masters, H. B., Co., steam fitters, Ocala, Fla.  
 Masters, J. H., & Co., masons' & mldrs.' matls., Brookville, Ind.  
 Masters & Mullen Constr. Co., Rose Bldg., Cleveland, Ohio.  
 Masters Planters Co., 229 N. State, Chicago, Ill.  
 Masters, R. M., cornices & skylights, Charleston, S. C.  
 Masterson Bros., wooden shoe lasts, Brockton, Mass.  
 Masterton, Albert B., cornices, 9108 Baltimore av, Chicago, Ill.  
 Mastropasqua, Louis, architect, 580 Washington, San Fran., Cal.  
 Masury, John W., & Son, paints, 50 Jay, Brooklyn, N. Y.  
 Masury-Young Co., sweeping compds., disinfectants, 196 Milk, Boston, Mass.  
 Matador Tire & Vulc. Co., spark plugs, 1400 Michigan av, Chicago, Ill.  
 Matawan Steel & Iron Co., Matawan, N. J.  
 Matawan Tile Co., Matawan, N. J.  
 Matchett, W. W., architect, Alliance, Ohio.  
 Matchless Brass Mfg. Co., burners, lamps, etc., 31 Washington, Brooklyn, N. Y.  
 Matchless Heater Co., Holyoke, Mass.  
 Matchless Metal Polish Co., buff'g compositions, 151 Varick, New York.  
 Matear, F. W., & Co., machsts., 222 W. Ontario, Chicago, Ill.  
 Materne, John P., Mfg. Co., machsts. & fndrs., steam fitters' supplies, 18th & Gratiot, St. Louis, Mo.  
 Materne Mfg. Co., steam fitters' supplies—machsts. & fndrs., 18th & Gratiot, St. Louis, Mo.  
 Matheis Hdwe. Co., cornices, Springfield, Ill.  
 Matheny, Allen & Mounts, archts., Harrison Bldg., Columbus, O.  
 Matheny, C. A., architect, Sharon, Pa.  
 Mather Bros., Co., masons' & bldrs.' matls., Richmond, Ind.  
 Mather & Burner, archts., McKnight Bldg., Minneapolis, Minn.  
 Mather, E., Co., plumbers' supplies, jobbers, Harrisburg, Pa.  
 Mather, Ralph, architect, Endicott Bldg., St. Paul, Minn.  
 Mather, S. W., coffins, caskets, etc., 3227 W. 25th, Cleveland, O.  
 Mather, S. W. Auto Co., Cleveland, O.  
 Mather, S. W., & Sons, contractors, Trenton, N. J.  
 Mather Spring Co., Toledo, O.  
 Mather & Waechter, vises, kettles—machsts. & fndrs., 105th & Quebec av, Cleveland, Ohio.  
 Mathers, D. C., brick, Chelan, Wash.  
 Mathers Stone Co. (of Chicago), Bloomington, Ind.  
 Mathesius, F., Jr., architect, 320 5th av, New York.  
 Matheson, J. D., & Sons, fertilizer, Hartwell, Ga.  
 Matheson Lead Co., 569 Vernon av, Long Island City, N. Y.  
 Matheson, W. A., mill & facty. supplies, Toccoa, Ga.  
 Mathews & Boucher, whol. hdwe., 26 Exchange, Rochester, N. Y.  
 Mathews Bros., sash, door & blind mfrs., Belfast, Me.  
 Mathews, Chas. T., architect, 381 4th av, New York.  
 Mathews Co., boats, Port Clinton, Ohio.  
 Mathews Construction Co., Sacramento, Cal.  
 Mathews, Edgar A., architect, 251 Post, San Francisco, Cal.  
 Mathews, F. E., architect, Rochester, Pa.  
 Mathews, F. I., machst., Oakland, Cal.  
 Mathews Gravity Carrier Co., machsts., Ellwood City, Pa.  
 Mathews, Hugh, machst., Kansas City, Mo.  
 Mathews, J. D., architect, N. Slaughter Bldg., Dallas, Tex.  
 Mathews, Jas., masons' & bldrs.' matls.—contr., Evanston, Ill.  
 Mathews, Jas. H. & Co., marking devices—signs, stamps, stencils, dies, etc., 3946 Forbes Field, Pittsburgh, Pa.  
 Mathews, L. J., machsts. & fndrs., Milford, Del.  
 Mathews, W. J., architect, 969 B'way, Oakland, Cal.  
 Matthews, W. N., & Bro., guy anchors, clamps, switches, etc., 3722 Forest Park blvd, St. Louis, Mo.  
 Mathewson, E., architect, Cory Bldg., Fresno, Cal.  
 Mathias-Hart Co., strain insulators, 516 Atlantic av, Boston, Mass.  
 Mathias, P. S. & Co., flour mills, Mathias, W. Va.  
 Mathiason, P. B., Mfg. Co., fertilizer & glue mfrs., 5310 N. 2d, St. Louis, Mo.  
 Mathieson Alkali Wks., 53 Canal, Providence, R. I.  
 Mathieson, Thos. P., corn brooms, 2042 Warren av, Chicago, Ill.  
 Mathis, Hiram, contractor, Atlantic City, N. J.  
 Mathis, J., & Son, contractors, Atlantic City, N. J.  
 Mathis, J. Vaughan, architect, Atlantic City, N. J.  
 Mathis, John H., Co., machsts. & fndrs.—ship bldrs., Camden, N. J.  
 Mathis Yacht Building Co., motor boat bldrs., Camden, N. J.  
 Mathushek & Son Piano Co., 1569 B'way, New York.  
 Mathy Co., cornices, 1918 Pa. av, N. W., Washington, D. C.  
 Matisse, C., & A., auto lamp lenses, 551 E. 116th, New York.  
 Maton & Mitchell, machy. dtrs., Waterbury, Conn.  
 Matson Mach. Co., geared pumps, grinders—reamer & cutter, Concord, N. H.  
 Matt, F., & Co., carriage top dressing, 491 Washington, Newark, N. J.  
 Matt & Klenzendorff, architects, 792 3d, Milwaukee, Wis.  
 Mattatuck Mfg. Co., handcuffs, springs, tacks, etc., Waterbury, Conn.  
 Mattawamkeag Lbr. Co., Island Falls, Me.  
 Matteau, J. Adam, contractor, Manchester, N. H.  
 Matteson Paint Co., Cape Girardeau, Mo.  
 Matteson, Victor A., architect, Hartford Bldg., Chicago, Ill.  
 Matthes Bros., masons' & bldrs.' matls.—contr., Adrian, Mich.  
 Matthes, C. P. & Son, contractors, Adrian, Mich.  
 Matthews & Boucher, mill & facty. supplies, Rochester, N. Y.  
 Matthews Bros. Co., stone, Bloomington, Ind.  
 Matthews Bros. Mfg. Co., cabinet makers, 61 4th, Milwaukee, Wis.  
 Matthews, C. E. Lumber Co., Kansas City, Mo.



- Matthews Carriage & Auto Co., Des Moines, Ia.  
 Matthews Co., motor boat bldrs., Port Clinton, Ohio.  
 Matthews Constr. Co., Princeton, N. J.  
 Matthews Engineering Co., electric lighting systems for residences, Sandusky, Ohio.  
 Matthews Gas Mach. Co., 180 N. Dearborn, Chicago, Ill.  
 Matthews, Geo. T. & Co., lubrg. oils, mill & facty. supplies, 20 S. Main, St. Louis, Mo.  
 Matthews, H. A., Mfg. Co. (The), machsts. & fndrs., 109 River, Seymour, Conn.  
 Matthews, Harry L., contractor, Richmond, Va.  
 Matthews, L. F., architect, Lima, O.  
 Matthews, Lewis E., cornices, McKeesport, Pa.  
 Matthews Lbr. & Mfg. Co., Sikeston, Mo.  
 Matthews Mfg. Co., sheet metal stampings, 104 Gold, Worcester, Mass. *See adv index at end of book.*  
 Matthews Ship Bldg. Co., Hoquian, Wash.  
 Matthews, T. E., & Bro., machsts. & fndrs., Martinsburg, W. Va.  
 Matthews, Thos., & Son, lbr. mfrs., Fleet & Albermarle, Baltimore, Md.  
 Matthews, W. Edw., architects, 721 Olive, St. Louis, Mo.  
 Matthews & Willard Mfg. Co., mchsts. & fndrs., Waterbury, Conn.  
 Matthewson, Fred G., masons' & bldrs.' matls., Flint, Mich.  
 Matthiessen & Hegeler Zinc Co., La Salle, Ill.  
 Mattingly, Jno. G., cornices, La Grange, Ill.  
 Mattingly, M. P., Disty. Co., Owensboro, Ky.  
 Mattingly & Moore, Dist. Co., Louisville, Ky.  
 Mattison, A. S., contractor, Youngstown, Ohio.  
 Mattison, C., Machine Works, wood turning machy., Beloit, Wis.  
 Mattison, Geo., lumber mfrs., Barkersville, N. Y.  
 Matton Rubber Co., mechanical & plumbers' rubber goods, Lodi, N. J.  
 Mattson & Anderson, lumber, Bellingham, Wash.  
 Mattusch, Frank, & Co., stone prod., 3702 Chestnut, Milwaukee, Wis.  
 Matushek Piano Mfg. Co., New Haven, Conn.  
 Matuskowitz, Jos., & Sons, contractors, Hazleton, Pa.  
 Matzinger, Paul, architect, Lennox Bldg., Cleveland, Ohio.  
 Matzke, Otto A., stone, Richmond, Va.  
 Mau, Chas., architect, Macdonough Bldg., Oakland, Cal.  
 Mau-Sherwood Supply Co., mill & facty. supplies, 1616 W. 3d, Cleveland, O.  
 Mauch Chunk Iron Wks., machsts. & fndrs., Mauch Chunk, Pa.  
 Maud Canning Co., Maud, Ohio.  
 Maud S. Windmill & Pump Co., steel tanks, Lansing, Mich.  
 Mauer, Ed., Co., crude rubber & varnish gums, 80 Maiden la., New York.  
 Mauer, H. C., architect, First Natl. Bk. Bldg., El Paso, Tex.  
 Mauer, Hy., & Son, terra cotta roofing tile, 420 E. 23d, New York.  
 Mauer, Herman W., architect, Schofield Bldg., Cleveland, O.  
 Mauer-Knoblock-Simank, architects, Beaumont, Tex.  
 Maui Pineapple Co., canners, Panwela, Hawaii.  
 Maul, G. F., sash, door & blind mfrs., 780 E. 18th, Newark, N. J.  
 Maul, Walter, contractor, Pendleton, Ind.  
 Maulsby, A. R., coffins, caskets, etc., Everett, Wash.  
 Maupin, Jas. M., architect, Commercial Bldg., Alton, Ill.  
 Mauran, Russell & Crowell, architects, Chemical Bldg., St. Louis, Mo., & Wilson Bldg., Dallas, Texas.  
 Maurepas Milling Co., lumber, New Orleans, La.  
 Maurer, F. X., Co., agricultural implements, Spencer, Ia.  
 Maurer, Harry, architect, 529 Court, Reading, Pa.  
 Maurer, Henry C., architect, 302 W. Water, Milwaukee, Wis.  
 Maurer, Henry, & Son, brick, 420 E. 23d, New York.  
 Maurer, John, machst., 344 Center, Salem, Ore.  
 Maurer, William, architect, 2426 Augusta, Chicago, Ill.  
 Maurer, Wm., & Co., machsts., South Bend, Ind.  
 Mauro, Vincent, contractor, 203 Federal, Providence, R. I.  
 Maury, Mason, architect, Board of Trade Bldg., Louisville, Ky.  
 Maus, C. W., contractor, St. Elmo, Ill.  
 Maus, Geo. H., fishing poles, Amsterdam, N. Y.  
 Mauser Mill Co., flour, Laury's Station, Pa.  
 Maute, J., & Sons, castings, 23 Kane, Buffalo, N. Y.  
 Mauterstock, Albert, contractor, Kingston, N. Y.  
 Mavor, Wm., Co., contractors, 72 W. Adams, Chicago, Ill.  
 Mawhinney Last Co., wooden shoe lasts, Brockton, Mass.  
 Mawhinney & Ramsdell, canned goods, Lubec, Me.  
 Maxwell, Jno., Haircloth Co., Venango E. of Kensington, Phila., Pa.  
 Max, Lewis, glass, 52 Green, Jersey City, N. J.  
 Max Mach. Co., boiler cleaners, valves, etc., Clinton, Mass.  
 Max & Rawolle, shellac & glycerine, 100 William, New York.  
 Maxam, L. J., lumber mfr., Chestertown, N. Y.  
 Maxant Butter & Supply Co., 118 S. Clinton, Chicago, Ill.  
 Maxfer Truck Co., 5035 Wabash av., Chicago, Ill.  
 Maxi Co., carburetors, 115 B'way, New York.  
 Maxim Constr. Co., 36 W. 57th, New York.  
 Maxim Motor Co., Middleboro, Mass.  
 Maxim Munitions Corp., aerial torpedoes & aeroplane guns, Equitable Bldg., New York.  
 Maxim Silencer Co., Hartford, Conn.  
 Maximotor Makers, 1526 Jefferson av., E. Detroit, Mich.  
 Maxon-Miller Jack Co., automobile, Huntington, W. Va.  
 Maxson, E. C., & Son, masons' & bldrs.' matls., Adams Center, N. Y.  
 Maxson, Ira, brick, Grove City, Ohio.  
 Maxson & Starin, masons' & bldrs.' matls., Cortland, N. Y.  
 Maxton Casket Co., Maxton, N. C.  
 Maxwell, F. A., Machine Co., boring tools, 1011 Power av., Cleveland, Ohio.  
 Maxwell Filing System Co., register account, Cleveland, Ohio.  
 Maxwell Hdwe. Co., Oakland, Cal.  
 Maxwell, Jno., & Son, stone prod., 112 Winchester av., New Haven, Conn.  
 Maxwell Motor Co., Woodward & Warren, Detroit, Mich.  
 Maxwell-Rolf Stone Co., Williamson Bldg., Cleveland, Ohio.  
 Maxwell Steel Vault Co., Oneida, N. Y.  
 Maxwell, Wymer W., architect, Urbana, Ill.  
 Maxwell's, John Sons, animal cages, 259 Pearl, New York.  
 Maxwell's, Jno., Sons, stone producers, 30th below Spruce, Phila., Pa.  
 May Bros., machsts. & fndrs., Galesburg, Ill.  
 May Bros., common brick, Lafayette, Ind.  
 May, Chas. F., architects, Laclede Bldg., St. Louis, Mo.  
 May, Edward C., architect, du Pont Bldg., Wilmington, Del.  
 May, F. P., Hdwe. Co., 460 C, N. W., Washington, D. C.  
 May, Fieberger Co., machsts. & fndrs., Akron, Ohio.  
 May & Grimwood, contractors, Los Angeles, Cal.  
 May, H. A., Foundry Co., 30th & Chestnut, Phila., Pa.  
 May, H., & Co., canned goods, Egg Harbor City, N. J.  
 May Hardware Co., Portland, Ore.  
 May, Howard, architect, Calvert Bldg., Baltimore, Md.  
 May, Jacob, architect'l & ornament'l iron, 850 De Kalb av., Brooklyn, N. Y.  
 May, M. W., Co., soap, 79 E. 130, New York.  
 May Supply Co., mill & facty., steam fitters', plumbers' supplies, Anderson, Ind.  
 May, Sylvester, light fixture mfrs., 98 Schermerhorn, Brooklyn, N. Y.  
 May, Wm., machst. & fndr., Bremen, Ind.  
 May, Wm. H., & Son, agricultural implements, Alexandria, Va.  
 May, Wm. M., Co., cornices & skylights, 537 W. 54th, New York.  
 Mayall, Lewis A., & Son, machsts, 748 S. Samson, Phila., Pa.  
 Maybeck, Howard & White, architects, Lick Bldg., San Francisco, Cal.  
 Mayberger, Edw. F., cornices & skylights, 1 Willow Park, Boston, Mass.  
 Mayberry, C. B., & Son, flour mills, Sparta, Tenn.  
 Mayberry & Parker, architects, Pac. Elec. Bldg., Los Angeles, Cal.  
 Mayberry, R. R., architect, Grandy Bldg., Cedar Rapids, Ia.  
 Mayclim & Duncan, contractors, 621 S. Dearborn, Chicago, Ill.  
 Maydell Brush Co., Troy, N. Y.  
 Maydole, David Hammer Co., Norwich, N. Y.  
 Mayer, Albert A., contractor, 128 Fillmore av., Buffalo, N. Y.  
 Mayer, Bez Stone Co., East Orange, N. J.  
 Mayer Bros., machsts. & fndrs., Antigo, Wis.  
 Mayer Bros., Co., machsts., Mankato, Minn.  
 Mayer Bros., Constr. Co., Erie, Pa.  
 Mayer, C. P., Brick Co., Bridgeville, Pa.  
 Mayer China Co., Beaver Falls, Pa.  
 Mayer Carburetor Co., 2673 Main, Buffalo, N. Y.  
 Mayer & Co., glass stainers & memorial windows, 178 Madison av., New York.  
 Mayer, Daniel, scrap iron & steel, Albany, Ga.  
 Mayer, Daniel, masons' & bldrs.' matls., Milwaukee, Wis.  
 Mayer, E. W., cut glassware, Port Jervis, N. Y.  
 Mayer & Eachus, machsts., West Chester, Pa.  
 Mayer, Geo., & Co., Phila., Pa.  
 Mayer, Geo. J., & Co., badges, trade checks, dies, stamps, etc., 36 S. Meridian, Indianapolis, Ind.  
 Mayer & Loewenstein, enamels, Varnishes, wood fillers, etc., 164 Water, New York.  
 Mayer, MacDonald, architect, 146 Montague, Brooklyn, N. Y.  
 Mayer & Manahan, architect, 711 Bergenline av., West New York, N. J.  
 Mayer, Max, bags & suit cases, 10th & Cherry, Phila., Pa.  
 Mayer, Michael, sash, door & blind mfrs., 181 Moore, Brooklyn, N. Y.  
 Mayer, O. F., & Bro., meat packers, Beethoven pl & Sedgwick, Chicago, Ill.  
 Mayer & Reichert, lamp adapters, 84 Evergreen av., Brooklyn, N. Y.  
 Mayer, Robt., & Co., printing inks, 461 8th av., New York.  
 Mayer Tank Mfg. Co., wood tanks, 212 Russell, Brooklyn, N. Y.  
 Mayer, Wm., Co., sash, door & blind mfrs., 646 W. 3d, Cincinnati, Ohio.  
 Mayer, Willy & Co., paper shades, 41 Union sq., New York.  
 Mayfield, J. S., Lbr. Co., sash, door & blind mfrs., Dallas, Texas.  
 Mayfield Plaining Mills, packing box mfrs., Mayfield, Ky.  
 Mayflower Mills, flour, Fort Wayne, Ind.  
 Mayher, Wm., Lumber Co., Greeley, Colo.  
 Mayhew, H. H., Co., machsts. & fndrs., Shelburne Falls, Mass.  
 Mayhugh, J. D., Mfg. Co., lumber, Walton, Ky.  
 Maylan, John J., contractor, 117 E. Centre, Baltimore, Md.  
 Maynard, A. W., contractor, Richmond, Va.  
 Maynard, C. A., pavement cleaners, Northampton, Mass.  
 Maynard, E. W., architect, 226 Tremont, Boston, Mass.  
 Maynard, Everett W., contractor, 6408 Harvard av., Chicago, Ill.  
 Maynard, J. F., ice & refrig. machs., 116 Geyer av., St. Louis, Mo.  
 Maynard Lumber Co., Maynard, Minn.  
 Maynard Steel Fndry. Co., 716 Reed, Milwaukee, Wis.  
 Maynicke & Franko, architects, 25 E. 26th, New York.



- Maynz & Co., varnish mfrs., 13 Water, New York.  
 Mayo, A. H., canned goods, Naskeag, Me.  
 Mayo Const. Co., 333 Union, Lynn, Mass.  
 Mayo, Ernest A., architect, 140 S. Dearborn, Chicago, Ill.  
 Mayo, Frank H., architect, Jenkintown, Pa.  
 Mayo, Geo. D., Mach. Co., Laconia, N. H.  
 Mayo, L. T., contractor, Black Bldg., Los Angeles, Cal.  
 Mayo Milling Co., flour, Richmond, Va.  
 Mayo Radiator Co., New Haven, Conn.  
 Mayo-Skinner Mfg. Co., air pumps, 54 E. 18th, Chicago, Ill.  
 Mayo Turpentine Co., Belleview, Fla.  
 Mayo, Walter T., architect, 1701 Chestnut, Philadelphia, Pa.  
 Mayor, Thos., & Son, flyers, 26 Olney, Providence, R. I.  
 Mayre, P. Thornton, architect, Candler Bldg., Atlanta, Ga.  
 Mays Brick Co., Greenwood, S. C.  
 May's Landing Cut Glass Co., May's Landing, N. J.  
 Mays Rattan Wks., furniture, 3347 N. Clark, Chicago, Ill.  
 Maysville Brick Co., Maysville, Ky.  
 Maysville Guano Co., fertilizer mfrs., Maysville, Ga.  
 Maysville Oil Mills, Maysville, Ga.  
 Maytag Co., agricultural implements, Newton, Ia.  
 Mayville Canning Co., Mayville, Wis.  
 Mayville White Lime Works, Mayville, Wis.  
 Maywald, Fred'k J., chemist, 89 Pine, New York.  
 Maywood Packing Co., canned goods, Corning, Cal.  
 Maze, W. H., Co., masons' & bldrs.' matls.—shingle nails, points, etc., Peru, Ill.  
 Mazer Acoustic Co., acoustical engines & contrs., 525 3rd av, Pittsburgh, Pa.  
 Mazzoni, R., contractor, West New York, N. J.  
 Meacham & Wright Brick Co., 133 W. Washington, Chicago, Ill.  
 Mead, A. G., Co., presses, 364 Atlantic av, Boston, Mass.  
 Mead, Charles A., architect, Upper Montclair, N. J.  
 Mead, Chas. H., contractors, 15 Beacon, Boston, Mass.  
 Mead & Co., machinists & founders, 19th & M. C. R. R., Detroit, Mich.  
 Mead Cycle Co., bicycle mfrs., 33 N. Canal, Chicago, Ill.  
 Mead, Earl H., architect, Harbor Springs, Mich.  
 Mead & Eastwood, sashes, doors & blinds, San Marcos, Texas.  
**MEAD ELECTRIC SIGNAL CO.**, factory & office signals, 2056 E. 4th, Cleveland, Ohio.  
 Mead Gas Heater Co., Delawanna, N. J.  
 Mead, I. V., & Co., granite & stone cutter's tools & chisels, 418 E. 110th, New York.  
 Mead-Morrison Mfg. Co., conveyors, hoists, etc., Prescott & Orleans, East Boston, Mass.  
 Mead Pulp & Paper Co., Dayton, Ohio.  
 Mead & Requa, architects, 6th & B., San Diego, Cal.  
 Mead, Samuel W., architect, Barristers Hall, Boston, Mass.  
 Meade, F. B. & J. M. Hamilton, architects, 1002 Garf, Cleveland, Ohio.  
 Meade Laboratories, Law Bldg., Baltimore, Md.  
 Meade, Maurice P., architect, 44 Broomfield, Boston, Mass.  
 Meader, Herman Lee, architect, 2 W. 33d, New York.  
 Meadows Blower & Pipe Wks., 25 Meserole av, Brooklyn, N. Y.  
 Meadow Marble Co., Meadow, Tenn.  
 Meadowbrook Condensed Milk Co., canned, Issaquah, Wash.  
 Meadows, E. H., & J. A. Co., fertilizer, New Bern, N. C.  
 Meadows Mfg. Co., agricultural implements, Pontiac, Ill.  
 Meads, Chas., & Co., contractors, 38 Park row, New York.  
 Meadville Malleable Iron Co., fndrs., Meadville, Pa.  
 Meadville Metallic Vault Co., steel burial vaults, Meadville, Pa.  
 Meadville, Pa., Dist. Co., Ellicott sq., Buffalo, N. Y.  
 Meagher, Jas. A., contractor, Bay City, Mich.  
 Meagher, Jas., Sons, cordage & twine, 1625 San Bruno, San Francisco.  
 Meagher & Smith, contractors, Perth Amboy, N. J.  
 Meagher, T. H., elevators, 103 Walker, New York.  
 Meagher, Thos. F., cornices, 30 Center, New Haven, Conn.  
 Meagher, Wm. J., & Co., contractors, Bay City, Mich.  
 Meaker Galvanizing Co., 1249 Fulton, Chicago, Ill.  
 Meals, Jacob F., contractor, Oil City, Pa.  
 Meals, Saml. A., contractor, 2910 Shadeland, Pittsburgh, Pa.  
 Meanor & Sweeney, architects, Huntington, W. Va.  
 Means, Justin, excelsior, Edgar, Wis.  
 Means, Mark A., Co., mill & facty. supplies, Lewiston, Idaho.  
 Means & Thatcher, paints, Norfolk Downs, Quincy, Mass.  
 Meany, Edw. F., & Co., stone producers, 534 Albany, Boston, Mass.  
 Mears Earphone Co., audiphones, 43 W. 34th, New York.  
 Mears, Henry A., architect, 6 Beacon, Boston, Mass.  
 Mears Improved Line Co., Gloucester, Mass.  
 Mears-Slayton Lumber Co., 1237 Blemont av, Chicago, Ill.  
 Mebane Bedding Co., Mebane, N. C.  
 Meccano Co., toy metal bldg. matls., 46 W. 24th, New York.  
 Mechanic Falls Brick Co., Mechanic Falls, Me.  
 Mechanical Accountant Co., adding machs, 17 Warren, Providence, R. I.  
 Mechanical Appliance Co., machsts., Milwaukee, Wis.  
 Mechanical & Electrical Mfg. Co., carburetors, joints, lubricators, etc., 2227 Prairie av, Chicago, Ill.  
 Mechanical Equip't Co., steam & hot water htg. contr., 206 Centre, New York.  
 Mechanical Fabric Co., rubber carriage cloth, etc., 40 Sprague, Providence, R. I.  
 Mechanical Mach. & Tool Wks., 549 Fulton, Chicago, Ill.  
 Mechanical Mfg. Co., road scrapers, packing house machy., Union Stock Yards, Chicago, Ill.  
 Mechanical Mold & Machine Co., Akron, Ohio.  
 Mechanical Nov. & Mfg. Co., toys, St. Louis, Mo.  
 Mechanical Rubber Co., washers, cotton & air brake hose, etc., 73 Reade, New York.  
 Mechanical Specialties Co., automobile & pipe wrenches, ratchets, pliers, tools, etc., 122 S. Michigan av, Chicago, Ill.  
 Mechanics' Foundry & Machine Co., castings & engines, Fall River, Mass.  
 Mechanics Furniture Co., music cabinets, Rockford, Ill.  
 Mechanics Iron Foundry Co., 38 Kemble, Rox., Boston, Mass.  
 Mechanics Iron Wks., 909 S. Ewing av, St. Louis, Mo.  
 Mechanics Machine Co., Rockford, Ill.  
 Mechanics Paint Co., 707 S. 4th, St. Louis, Mo.  
 Mechanics' Planing Mill Co., lbr. mfrs., 372 N. B'way, St. Louis, Mo.  
 Mechanics' Planning Mill Co., sash, door & blind mfrs., Evansville, Ind., & Fort Smith, Ark.  
 Mechanicville Spec. Supply Mfg. Co., pipe cutters, Mechanicville, N. Y.  
 Mechling Bros. Mfg. Co., chemicals, Camden, N. J.  
 Mecke & Co., crude rubber, 44 Whitehall, New York.  
 Meckel, Fred L., tool bags, steel belts, jack-straps, etc., 11 E. 13th, Chicago, Ill.  
 Meckel, Jno., architect, Anderson, Ind.  
 Meckelburg, A. F., Sash & Door Co., 710 31st, Milwaukee, Wis.  
 Mecklenburg, B. O., architect, Newhouse Bldg., Salt Lake City, Utah.  
 Mecklenburg Iron Wks., Charlotte, N. C.  
 Mecklenburg Marble & Granite Co., Charlotte, N. C.  
 Mecky, A. Co., children's vehicles, 1707 W. Allegheny, Phila., Pa.  
 Medal Paving Brick Co., 1305-8 Swetland Bldg., Cleveland, O.  
 Medart, Fred, Mfg. Co., playground & gymnasium equip. & steel lockers, Potomac & De Kalb sts., St. Louis, Mo.  
*See adv index at end of book*  
 Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.  
 Medary, M. B., Jr., architect, 15th & Walnut, Philadelphia, Pa.  
 Medders, T. L., & Co., contractors, Birmingham, Ala.  
 Meder Bros., corn brooms, Minneapolis, Minn.  
 Meder-Staudt Co., storage batteries, 1904 Broadway, New York.  
 Medford Mill & Elevator Co., flour, Medford, Okla.  
 Medford Woolen Mfg. Co., felt boots & shoes, Medford, Mass.  
 Medina Bending Works, Medina, Ohio.  
 Medina Fdry. Co., Medina, N. Y., & Medina, Ohio.  
 Medina Machine Co., machsts., Medina, Ohio.  
 Medina Stamping & Mach. Co., Medina, N. Y.  
 Medinger, Thom. G., chronometers, 16 Beaver, New York.  
 Medoff, Barnet J., architect, 524 Walnut, Philadelphia, Pa.  
 Medora Canning Co., Medora, Ind.  
 Medora Shale Brick Co., Medora, Ind.  
 Medway Box Co., packing, Medway, Mass.  
 Mee, F. B., contractor, Yonkers, N. Y.  
 Meech Foundry & Castings Co., Meech av, S. E., Cleveland, O.  
 Meehan Boiler & Const. Co., Lowellville, Ohio.  
 Meehan, James D., architect, 1511 First North, Syracuse, N. Y.  
 Meehan, Jas. F., architect, 1029 E. 163d, New York.  
 Meehan, Jno. F., stone prod., New Britain, Conn.  
 Meehan, Thos., & Sons, landscape architects, 7106 Germantown, Phila., Pa.  
 Meek, A. E., Trunk & Bag Co., Denver, Colo.  
 Meek, B. F., & Sons, fishing reels, Louisville, Ky.  
 Meek, J. F., Co., advertising novelties, Coshocton, Ohio.  
 Meek, James Edwin, architect, 470 4th av, New York.  
 Meek Lumber Co., East Palestine, Ohio.  
 Meek Milling Co., flour, Marissa, Ill.  
 Meek Oven Co., Newburyport, Mass.  
 Meeker Coal Co., Norwalk, Conn.  
 Meeker Fndry. Co., Newark, N. J.  
 Meeker, M. C., lumber, Occidental, Cal.  
 Meeker Mfg. Co., carriage axles, tires, wheels, etc., Dayton, O.  
 Meeker Union Foundry Corp., grey iron castings, Norwalk, Conn.  
 Meeker, Wm. M., architect, 9 Bloomfield, Passaic, N. J.  
 Meeker's Union Fndry. Corp., Norwalk, Conn.  
 Meeks, B. F., & Sons, fishing tackle mfrs., Louisville, Ky.  
 Meerhoff, H. H., vault valves, Richmond, Ind.  
 Meers & Dayton, contractors, Chattanooga, Tenn.  
 Meers, R., cornices, Joliet, Ill.  
 Meerse, J., mops, 1960 W. 6th, Cincinnati, Ohio.  
 Meese, G., & Co., corn brooms, Spokane, Wash.  
 Meese & Gottfried Co., machsts., 660 Mission, San Francisco, Cal.  
 Megargee Bros., blasting paper, Scranton, Pa.  
 Megargee Paper Mills, Modena, Pa.  
 Megerly, Chas. O., machsts. & fndrs., Boyertown, Pa.  
 Megirian, Jno., architect, 38 W. 32d, New York.  
 Megler, J. G., & Co., canned goods, Brookfield, Wash.  
 Megquier & Jones, brass fndrs., etc., Portland, Me.  
 Megrail, Alfred H., architect, Stephen Girard Bldg., Phila., Pa.  
 Mehl Hardware Co., hardware (wholesale), Erie, Pa.  
 Mehl, Wm., landscape arch., Euclid & McPherson, St. Louis, Mo.  
 Mehlberger & Jones, mchsts. & fndrs., Fort Smith, Ark.  
 Mehler & Eckstenkemper Lbr. Co., 901 Fehr av, Louisville, Ky.  
 Mehlin, Frank, mchsts., Belcher, La.  
 Mehlin, Paul G., & Sons, pianos, 4 E. 43d, New York.  
 Mehner, B. E., architect, Fond Du Lac, Wis.  
 Mehrhof Brick Co., Little Ferry, N. J.



- Mehrbhof, Philip, brick, Hackensack, N. J.  
 Mehring, F., fertilizer mfr., Bruceville, Md.  
 Mehring, H. B., & Co., mill & facty. supplies, York, Pa.  
 Mehring, John A., brick & tile, Napoleon, O.  
 Mehring & Kline Co., contractors, Spitzer Bldg., Toledo, O.  
 Mehring, S. D., carriages, Littlestown, Pa.  
 Mehring, Wm. M., cow milking machs., Keymar, Md.  
 Meicheimer, G. T., sash, door & blind, Elnora, Ind.  
 Meicher & Hadley, granite prod., Barre, Vt.  
 Meid, Frank, contractor, Farmers Trust Bldg., Indianapolis, Ind.  
 Meier, A., & Co., brick, Covington, Ky.  
 Meier-Andrews Belting Co., 301 Market, Newark, N. J.  
 Meier Dental Mfg. Co., water htrs., 3927 Olive, St. Louis, Mo.  
 Meier, Hubert A., stone producers, Detroit, Mich.  
 Meier & James, contractors, Hazleton, Pa.  
 Meier Packing Co., meat packers, 545 W. Ray, Indianapolis, Ind.  
 Meier, Rudolph, architect, Lincoln Bldg., St. Joseph, Mo.  
 Meier, Theo. G., architect, Monadnock Bldg., San Francisco, Cal.  
 Meier-Wiese Co., structural iron work, Ft. Wayne, Ind.  
 Meier's, Jos., Sons, mill & facty. supplies, 306 Market, Newark, N. J.  
 Meigs, H. G., Co., masons' & builders' materials, West Allis, Wis.  
 Meigs Lumber & Mfg. Co., Meigs, Ga.  
 Meilicke Calculator Co., 352 N. Clark, Chicago, Ill.  
 Meilink Mfg. Co., filing cabinets, safes, etc., Toledo, Ohio.  
 Meinecke Mfg. Co., bamboo furniture, toys, children's carriages, etc., Richards, Milwaukee, Wis.  
 Meinersman, H. T., Co., landscape architects, Steger Bldg., Chicago, Ill.  
 Meinhardt, John, & Sons, contractors, Massillon, Ohio.  
 Meinig, E. Richard, Co., gloves & mittens, Reading, Pa.  
 Meinken, Detrich, contractor, 2126 Western av, Cincinnati, Ohio.  
 Meints, Fred, contractor, Peoria, Ill.  
 Meirowsky Brothers, raw & manufd. mica, insulating cloths, tapes, etc., Jersey City, N. J.  
 Meisel, Ferdinand, cornices, 1439 N. Halsted, Chicago, Ill.  
 Meisel Press Mfg. Co., gears, also printing presses & paper slitting & winding machinery mfrs., 942 Dorchester av, Boston, Mass.  
 Meiser, H., & Son, fndrs., 204 Clay, Baltimore, Md.  
 Meisinger, Emil J., architect, 394 Graham av, Brooklyn, N. Y.  
 Meislahn, C. F., & Co., mattresses, 19 Clay, Baltimore, Md.  
 Meisle, G., & Bro., packing box mfrs., 217 New, Phila., Pa.  
 Meisselbach, A. F., & Bros., fishing reels, can openers, etc., 29 Congress, Newark, N. J.  
 Meisselbach-Catucci Mfg. Co., gears, machine tools, etc., Congress, Newark, N. J.  
 Meissner, Henry C. L., architect, Superior, Wis.  
 Meister, A., & Sons Co., auto. metal bodies, & Carriages, Sacramento, Cal.  
 Meister Bros.-Bracht Co., plumbers' supplies, jobbers, Ft. Smith, Ark.  
 Meister, C. M., mach. & fndr., Muskogee, Okla.  
 Meister & Cochran, mchsts. & fndrs., Sterling, Ill.  
 Meister Contr. Co., Dunkirk, N. Y.  
 Meister Piano Co., 470 4th av, New York.  
 Meister, R., & Son, machsts., Bay City, Mich.  
 Meixel, Coleman & Co., lumber, Montgomery, Pa.  
 Melan, Henry J., contractor, Wilkes-Barre, Pa.  
 Melan, Ernest, architectural iron, Indianapolis, Ind.  
 Melbourne, Frank J., contractor, 45 Kearney, San Francisco, Cal.  
 Melchoirs, Peter, Mach., Works, Omaha, Neb.  
 Meldahl, Jens J., architect, 431 S. Dearborn, Chicago, Ill.  
 Meldrim & Sinclair, turpentine, Sinclair, Fla.  
 Melee, Owen J., dock bldrs., Long Branch, N. J.  
 Melendy, C. F., shooks-box, Nashua, N. H.  
 Melendy, Geo. E., architect, Orange, N. J.  
 Melidossian, G. G., architect, Farragut av, Providence, R. I.  
 Melles Mfg. Co., moving picture films, 326 Lexington av, New York.  
 Melillo Constr. Co., 4215 3rd av, New York.  
 Melin, Chas. W., architect, 1302 Columbia av, Rogers Park, Ill.  
 Mellin-Winkel Piano Co., South Haven, Mich.  
 Melind Louis Co., stamps, 183 W. Madison, Chicago, Ill.  
 Meliorate Mfg. Co., sleeve wire connectors, 246 Hall, Brooklyn, N. Y.  
 Mell, Marvin M., & Co., masons' & bldrs.' matls., Akron, O.  
 Mell-Vaill Lumber Co., Kane, Pa.  
 Mellen, Daniel W., contractor, Springfield, Mass.  
 Mellen Lumber Co., Mellen, Wis.  
 Mellen & Walker, architects, 101 Park av, New York.  
 Mellen, Walter L., contractor, 393 Main, Worcester, Mass.  
 Melling & Co., contractors, 139 N. Clark, Chicago, Ill.  
 Melling, I. F., masons' & bldrs.' matls., Leetonia, O.  
 Mellin's Food Co., 261 Franklin, Boston, Mass.  
 Mellish-Hayward Co., htg. contrs., 213 W. Austin av, Chicago, Ill.  
 Mellon, Edward P., architect, 52 Vanderbilt av, New York.  
 Mellon & Storm Mfg. Co., machsts., St. Louis, Mo.  
 Mellor Box Opener Co., Sedalia, Mo.  
 Mellor, Jos., mach. & fdr., Aspen, Colorado.  
 Mellor & Meigs, architects, 205 S. Juniper, Phila., Pa.  
 Mellott Furnace Co., 955 Liberty av, Pittsburgh, Pa.  
 Mellow & Storm Mfg. Co., spring beds, 10th & Mullanphy, St. Louis, Mo.  
 Mellus Bros. & Co., ore bags, Los Angeles, Cal.  
 Mellwood Dist. Co., Louisville, Ky.  
 Melmore Stone Co., Toledo, Ohio.  
 Melody & Keating, contractors, Bailey Bldg., Phila., Pa.  
 Melone-Bovey Lbr. Co., 1228 S. 4th, Minneapolis, Minn.  
 Melophone Talking Co., 376 Lafayette, New York.  
 Meloy, A. S., architect, P. O. Arcade, Bridgeport, Conn.  
 Meloy, John F., contractor, Shelbyville, Ind.  
 Melrose Granite Co., St. Cloud, Minn.  
 Melrose Mill Co., sash, door & blind mfrs., 2707 Clybourn av, Chicago, Ill.  
 Melrose Milling Co., flour, Melrose, Minn.  
 Melton Construction Co., Real Estate Trust Bldg., Washington, D. C.  
 Melton Hardware Co., Meridian, Miss.  
 Melton-Rhodes Co., filing cabinets & devices, Greensboro, N. C.  
 Melvale Distillery Co., Continental Bldg., Baltimore, Md.  
 Melville, Frank L., lubricating oil & greases, Bayonne, N. J.  
 Melville Woolen Co., woolen flannels, Chambersburg, Pa.  
 Melvin Bros. Pattern Wks., 37½ S. Scioto, Columbus, Ohio.  
 Melvin, Thos. H., contractor, 525 E. 9th, Wilmington, Del.  
 Melvin Tile & Brick Co., Melvin, Ohio.  
 Melzer, William, stone producers, Clintonville, Wis.  
 Memler, Arthur H., architect, Lissner Bldg., Los Angeles, Cal.  
 Memphis Asphalt & Paving Co., Memphis, Tenn.  
 Memphis Bag Co., Memphis, Tenn.  
 Memphis Boiler Works, Memphis, Tenn.  
 Memphis Brass Valve Works, mchsts. & fdrs., Memphis, Tenn.  
 Memphis Bridge Co., steel structural, Memphis, Tenn.  
 Memphis Broom & Brush Co., Memphis, Tenn.  
 Memphis Coffin Co., Memphis, Tenn.  
 Memphis Hardwood Flooring Co., Memphis, Tenn.  
 Memphis Heating Co., Memphis, Tenn.  
 Memphis Iron & Metal Co., Memphis, Tenn.  
 Memphis Machine Works, Memphis, Tenn.  
 Memphis Mattress Co., Memphis, Tenn.  
 Memphis Repair Works, mchsts. & fdrs., Memphis, Tenn.  
 Memphis Rice Mill, Memphis, Tenn.  
 Memphis Sash & Door Co., Memphis, Tenn.  
 Memphis Stave Mfg. Co., cooperage stock, Memphis, Tenn.  
 Memphis Veneer & Lumber Co., Memphis, Tenn.  
 Menan Milling Co., flour, Menan, Idaho.  
 Menasha Carton Co., folding paper boxes, Menasha, Wis.  
 Menasha Mfg. Co., sash, door & blind, Menasha, Wis.  
 Menasha Paper Co., Ladysmith, Wis.  
 Menasha Printing Co., paper mill, Menasha, Wis.  
 Menasha Wood Split Pulley Co., Menasha, Wis.  
 Menasha Wooden Ware Co., Menasha, Wis.  
 Mench, S. B., & Co., pkg., box mfrs., 2031 E. Fletcher, Phila., Pa.  
 Menconi & Ardolino, architects, 335 W. 24th, New York.  
 Menczer, E. A., machsts., Los Angeles, Cal.  
 Mendel Drucker Co., trunks, 335 Main, Cincinnati, Ohio.  
 Mendel, Louis L., architect, Oriental Bldg., Seattle, Wash.  
 Mendell, J. H., Engineering & Constr. Co., Manchester, N. H.  
 Mendelson, Her., bath'g suit, sweaters, etc., mfrs., 159 Court, Brooklyn, N. Y.  
 Mendenhall, Hayes & Son, contractors, Drexel Bldg., Phila., Pa.  
 Mendes Cutting Factories, diamond dies, drills, etc., 14 John, New York.  
 Mendleson, A., Sons, lye, Albany, N. Y.  
 Mendocino Lumber Co., Crocker Bldg., San Francisco, Cal.  
 Mendon, Theo., contrs., Racine, Wis.  
 Mendota Mfg. & Transfer Co., mchsts. & fdrs., rakes, Mendota, Ill.  
 Mendoza, Frank, & Son, canned goods, Dighton, Mass.  
 Mendum, Jos. W., cornices & skylights, 187 Summer, E. B., Boston, Mass.  
 Menely Bell Co., bell founders, Troy, N. Y.  
 Menefee Art Stone Co., Ft. Wayne, Ind.  
 Menefee Fdry. Co., Ft. Wayne, Ind.  
 Menefee, L. B., Lbr. Co., N. W. Bank Bldg., Portland, Ore.  
 Meng, Anthony, & Co., masons' & bldrs.' matls., 17 S. Front, Philadelphia, Pa.  
 Menge, John, Jr., architect, Matthews Bldg., Milwaukee, Wis.  
 Menge Marine Hardware & Supply Co., 338 Camp, New Orleans, La.  
 Menge, Wm., machsts., Dolgeville, N. Y.  
 Mengel Box Co., Louisville, Ky.  
 Mengel, C. C., & Bro., veneer mfrs., Louisville, Ky.  
 Mengel, E., lbr. mfrs., Bay City, Mich.  
 Menke, Chas., children's carriages, 535 E. 15th, New York.  
 Menke, F. W., Stone & Lime Co., Quincy, Ill.  
 Menke-Grimm Planing Mill Co., lbr. mfrs., Quincy, Ill.  
 Menke, Thielberg Co., contractors, 139 N. Clark, Chicago, Ill.  
 Meno Milling Co., flour, Meno, Okla.  
 Menominee Brick Co., Menominee, Mich.  
 Menominee Motor Truck Co., Menominee, Mich.  
 Menominee River Shingle Co., Menominee, Mich.  
 Menominee River Sugar Co., Menominee, Mich.  
 Menominee Saw Co., Menominee, Mich.  
 Menominee Stained Glass Co., Menominee, Mich.  
 Menominee White Cedar Co., lumber mfrs., Menominee, Mich.  
 Menominee Falls Mfg. Co., mchsts. & fdrs., Menominee Falls, Wis.  
 Menomonie Milling Co., flour, Menomonie, Wis.  
 Menough Foundry Co., Wellsville, Ohio.  
 Menough, Jas. L., & Son, contractors, York, Pa.  
 Mente & Co., burlap, Robin & S. Peters, New Orleans, La.



- Mentel, C. G., architect, 422 Federal, Ptg., Pa.  
 Mentels The, machsts., gas stoves, Springfield, Ohio.  
 Mentges Folder Co., paper folding machines, Sidney, Ohio.  
 Mentz, Geo. B., Co., brick molds, Walkill, N. Y.  
 Mentzer, J. P., storage batteries, 2210 S. Park av, Chicago, Ill.  
 Mentzer, Samuel F., contractor, Harrisburg, Pa.  
 Menzel & Jeffrey Co., fndrs., 900 S. 4th, Minneapolis, Minn.  
 Menzel Trunk Co., Court & B'way, Cincinnati, Ohio.  
 Menzel, Wm. & Son, wood preservatives & shingle stains, 64 Broad, New York.  
 Menzies & Menzies, cornices, 196 Orange, New Haven, Conn.  
 Mephram, Geo. S., & Co., clays, metal polish, paint mfrs., etc., 20th & Lynch, East Et. Louis, Ill.  
 Merall, F. R., & Co., pack'g box mfrs., 505 E. 18th, New York.  
 Meramec Portland Cement & Material Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Mercantile Advtg. Co., elec. illuminated signs, 17 Battery plc, New York.  
 Mercantile Box Co., packing, 318 Market, San Francisco, Cal.  
 Mercantile Corp., plain envelopes, 120 B'way, New York  
 Mercantile Lumber Co., Jackson, Miss.  
 Mercantile Tie & Lbr. Co., Kansas City, Mo.  
 Mercantile Warehouse Co., broom & whisk sew'g machs., 53 Beach, New York.  
 Merced Lumber Co., Merced, Cal.  
 Mercedita Sugar Co., 129 Front, New York.  
 Mercer Automobile Co., Trenton, N. J.  
 Mercer, Brannun & Bevington Co., masons' & bldrs.' matls., Fairmount, Ind.  
 Mercer, F. T., Co., contractors, 1706 Delancey, Phila., Pa.  
 Mercer, Geo. W., Constr. Co., Perth Amboy, N. J.  
 Mercer Mfg. Co., wall ties, Mercer, Pa.  
 Mercer Milling Co., flour, Baldwinville, N. Y.  
 Mercer Pottery Co., Brenton, N. J.  
 Mercer Rubber Co., air drill hose, 95 Broad, New York.  
 Mercer Rubber Co., Hamilton Sq. N. J.  
 Mercereau Bridge & Construction Co., Pacific Electric Bldg., Los Angeles, Cal.  
 Mercereau-Hawkins Tie Co., Huntington, W. Va.  
 Merchandise & Laundry Tag Co., 19 Washington, Boston, Mass.  
 Merchant, A. W., contractor, 86 Weybosset, Providence, R. I.  
 Merchant, Alexander, architect, 363 George, New Brunswick, N. J.  
 Merchant Box & Cooperage Co., packing box, Gloucester, Mass.  
 Merchant & Evans Co., sheet metal workers machines & tools, who. hdwe., etc., 2035 Washington av, Philadelphia, Pa.  
*See adv index at end of book.*  
 Merchant, P. A., mchsts. & fndrs., Guilford, N. Y.  
 Merchants Distilling Co., Terre Haute, Ind.  
 Merchants Steel & Supply Co., R. R. Equipments, 208 S. La Salle, Chicago, Ill.  
 Merchants Stone Co., Joliet, Ill.  
 Mercier Bryan-Larkins Brick Co., Detroit, Mich.  
 Mercier, John A., contractor, Hammond Bldg., Detroit, Mich.  
 Merck & Co., chemicals, 45 Park pl, New York.  
 Mercurio Bros. Spaghetti Mfg. Co., canned, St. Louis, Mo.  
 Mercury Machine Co., 2127 N. Broad, Philadelphia, Pa.  
 Mercury Mfg. Co., storage battery trucks & auto bldrs., 4118 S. Halsted, Chicago, Ill.  
 Mercury Mfg. Co., typewriter ribbons, Rochester, N. Y.  
 Meredith Bros. Co., contractors, 1043 Kinnikinnic av, Milwaukee, Wis.  
 Meredith Casket Co., Meredith, N. H.  
 Meredith, J. P., Cedar Co., Memphis, Tenn.  
 Meredith Linen Mills, towels, 79 Milk, Boston, Mass.  
 Merene-Johnson Mach. Co., 44th av N. & River, Minneapolis, Minn.  
 Meremec-Portland Cement & Material Co., sand & gravel dlrs., St. Louis, Mo.  
 Meres, F. Guy, architect, Mount Kisco, New York  
 Mergenthaler Co., reamers, mfrs., Baltimore, Md.  
 Mergenthaler Linotype Co., type sett'g & distribut'g mach'y, 154 Nassau, New York.  
 Mergenthaler, Richard H., architect, Atlantic City, N. J.  
 Meriam Co., gas engine indicators, 1514 Prospect av, Cleveland, O.  
 Mericle, Aaron, brick, Fort Jennings, Ohio.  
 Meriden Britannia Co., table silverware, Meriden, Conn.  
 Meriden Cut Glass Co., Meriden, Conn.  
 Meriden Cutlery Co., Meriden, Conn.  
 Meriden Fire Arms Co., rifles, guns, &c., Meriden, Conn.  
 Meriden Iron & Brass Co., Meriden, Conn.  
 Meriden Machine Tool Co., Meriden, Conn.  
 Meriden Optical & Jewelry Co., Meriden, Conn.  
 Meriden Press & Drop Co., mchsts. & Fdrs., Meriden, Conn.  
 Meriden Silver Plate Co., Meriden, Conn.  
 Meridian Fertz Factory, Meriden, Miss.  
 Meridian Mattress Factory, Meridian, Miss.  
 Meridian Mill Co., flour, Meridian, Tex.  
 Merrill, E. R., Spring Co., elliptic & auto., 530 W. 28th, New York.  
 Merillat Culvert Core Co., concrete forms, Winfield, Ia.  
 Merlon Lime & Stone Co., Norristown, Pa.  
 Merion Paper Co., binder boards, 2447 Locust, Phila., Pa.  
 Meritas Mills, cotton, duck & canvas, 320 B'way, N. Y. City  
 Meritt S. Whyte Co., piston rings, 311 W. 59th, N. Y. City  
 Merkel, A. P., agricultural machy., Fleetwood, Pa.  
 Merkel Bros. Co., plumber's mill & fcty. supplies—jobbers, Canal & Jackson, Cincinnati, O.  
 Merkel Herman, gasoline lamps, 511 Elm, St. Louis, Mo.  
 Merker & Wirsing, carriages, Belleville, Ill.  
 Merkle-Wiley Broom Co., Paris, Ill.  
 Merle Hy. J. & Co., hardware mfrs., 1112 W. 22d, Chicago, Ill.  
 Merrell Canning Co., Harlan, Ia.  
 Merrell Co., wholesale hardware, Toledo, O.  
 Merrell Mfg. Co., pipe threading & cutting machines, 278 Curtis, Toledo, Ohio.  
 Merrell-Soule Co., canned goods, Syracuse, N. Y.  
 Merrell, W. S., Chemical Co., salicylic acid, 5th, Pike & Butler, Cincinnati, Ohio.  
 Merriam A. Co., piano benches, South Acton, Mass.  
 Merriam F. M., brass castings, Utica, N. Y.  
 Merriam Mfg. Co., fishing tackle boxes, Durham, Conn.  
 Merrick Albert W., contractor, Boone, Ia.  
 Merrick Chas. H., brick, Syracuse, N. Y.  
 Merrick Fredc. I., architect, Empire bldg., Pittsburgh, Pa.  
 Merrick Lumber Co., packing box, Holyoke, Mass.  
 Merrick Lumber Co., sash, door & blind mfrs., Northampton & Westfield, Mass.  
 Merrick & Pemble, architects, 51 State, Albany, N. Y.  
 Merrick Scale Mfg. Co., Passaic, N. J.  
 Merrifield, A. M., lumber, Williamsville, Vt.  
 Merrifield Co., killers-fly, swatters, Springvale, Me.  
 Merrifield J. E., stone producers, Booneville, Mo.  
 Merrill Adam H., steam htg. contrs., 8 Friend, Boston, Mass.  
 Merrill Bros., iron & steel forgings, 3 Arnold, Maspeth, New York.  
*See adv index at end of book.*  
 Merrill Bros. Co., silver nov., 122 Green, Newark, N. J.  
 Merrill C. N. & Son, mason's & blds. matls., Bristol, N. H.  
 Merrill, Chas. B., & Co., landscape archt., 53 Bowers, Newtonville, Mass.  
 Merrill Co., htg. contrs., 19 Pearl, Boston, Mass.  
 Merrill & Co., lbr. mfrs., 1700 Brooklyn av, Kansas City, Mo.  
 Merrill Constr. Co., Century Bldg., St. Louis, Mo.  
 Merrill, E. R., Spring Co., 530 W. 28th, New York.  
 Merrill, F. H., architect, Yarmouthville, Me.  
 Merrill, Francis S., carriage wheels, Amesbury, Mass.  
 Merrill, Geo. B., & Co., granite, Lynn, Mass.  
 Merrill, Geo. E., architect, 109 Broad, New York.  
 Merrill Iron Works, machsts. & fndrs., Merrill, Wis.  
 Merrill, J. W., Lbr. Co., sash, door & blind mfrs., Southwest blvd & Summit, Kansas City, Mo.  
 Merrill Metallurgical Co., 121 2d, San Francisco, Cal.  
 Merrill Process Co., heating & ventilating engineers, 70 Devonshire, Boston, Mass.  
 Merrill, Samuel S., contractor, Salem, Mass.  
 Merrill Silk Co., knitted gloves, Hornell, N. Y.  
 Merrill-Stevens Co., machsts. & fndrs.—ship bldrs., Jacksonville, Fla.  
 Merrill Veneer Co., Merrill, Wis.  
 Merrill, Wm. B., & Co., packing, Jamaica Plain, Boston, Mass.  
 Merrill, Willis, lumber mfrs., Butler Center, N. Y.  
 Merrill Woodenware Co., Merrill, Wis.  
 Merrill's, R., Sons, nautical instruments, 66 South, New York.  
 Merrimac Chemical Co., 33 Broad, Boston, Mass.  
 Merrimac Fdry. & Mach. Co., Lawrence, Mass.  
 Merrimac Mattress Mfg. Co., 129 Portland, Boston, Mass.  
 Merrimac Paper Co., Lawrence, Mass.  
 Merrimac Plating Wks., Merrimac, Mass.  
 Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl, New York.  
 Merritt, F. M., wire hooks, Penn Yan, N. Y.  
 Merritt Hardware Co., Macon, Ga.  
 Merritt Hydraulics Co., 110 N. Broad, Philadelphia, Pa.  
 Merritt, Jas. H., & Co., steam htg. contrs., 244 Water, New York.  
 Merritt & Jarvis, contractors, 12 Marshall, Boston, Mass.  
 Merritt Mfg. Co., machsts. & fndrs., Lockport, N. Y.  
 Merritt, Mortimer C., architect, 1170 B'way, New York.  
 Merritt, R. B., & Son, canned goods, Warwick, Md.  
 Merritt, W. H., contractor, Moorhead, Minn.  
 Merrow, F. S., shock absorbers, 154 Nassau, New York.  
 Merrow Machine Co., Hartford, Conn., & Salem, Mass.  
 Merrow Packing Co., meat, Auburn, Me.  
 Merry Bros., brick, Augusta, Ga.  
 Merry Steel Truck Co., Augusta, Ga.  
 Merryday Grocery Co., Palatka, Fla.  
 Merryman Mfg. Co., lbr. mfrs., Marshfield, Wis.  
 Merryman, Ridgeway, lbr. mfrs., Marine Bk. Bldg., Balto., Md.  
 Merryman, S. Howard, incubators, Towson, Md.  
 Mersch, Frank, & Sons, stone, 1037 Wade, Cincinnati, Ohio.  
 Mersereau Metal Bed Co., machsts. & fndrs., 292 Johnson av, Jersey City, N. J.  
 Mersereau, Wm. H., architect, 32 B'way, New York.  
 Mersfelder's, W. L., Pattern Wks., Lawrence & Friendship, Cincinnati, Ohio.  
 Mershon-Bacon Co., lbr. mfrs., Bay City, Mich.  
 Mershon, Eddy, Parker Co., Mershon Station, Saginaw, Mich.  
 Mershon, John D., Lbr. Co., Saginaw, Mich.  
 Mershon & Morley Co., portable houses, Saginaw, Mich.  
 Mershon Patent Shaking Grate Wks., 147 N. 3d, Phila., Pa.  
 Mershon, W. B., & Co., machsts., Saginaw, Mich.  
 Mersick, C. S., & Co., mill & fcty. & plumbers' supplies—jobbers, wholesale hdwe., New Haven, Conn.  
 Mersman Bros., battery holders, Ottawa, Ohio.



- Mertens, F., Sons, contractors, Cumberland, Md.  
 Mertens, Paul, architect, Rahway, N. J.  
 Mertes Machy. Co., dealers, 153 Barclay, Milwaukee, Wis.  
 Mertes-Miller Co., boilers, 239 Lake, Milwaukee, Wis.  
 Mertin, Adolph, architect, 34 W. 28th, New York.  
 Mertz, F. C., contractor, Port Chester, N. Y.  
 Mertz, John, Mfg. Co., stamping works, Sandusky, Ohio.  
*See adv index at end of book.*  
 Mertz Matt Co., bldg. contrs., Oshkosh, Wis.  
 Mertz Oil Co., bodies, auto, 764 Woodland, Cleveland, Ohio.  
 Mertz & Sons, cornices, Sandusky, Ohio.  
 Mertz's, Geo., Sons, rope mouldings, contrs., Port Chester, N. Y.  
 Merwin & Brown Co., mill & facty. supplies, Winsted, Conn.  
 Merwin, C. P., Brick Co., Berlin, Conn.  
 Merwin Mfg. Co., sheet metal stampings, 330 E. 19th, Erie, Pa.  
 Merwin Paper Co., Rainbow, Conn.  
 Merwin Paper Co., press papers & boards, Hartford, Conn.  
 Mery, M. L., machinist, Chico, Cal.  
 Merz Bros., carriages, 9 Crawford, Newark, N. J.  
 Merz, N., & Son, machsts. & fndrs., Salem, Ill.  
 Mesa Flour Mill Co., Grand Junction, Colo.  
 Mesaba Boiler & Mfg. Co., Duluth, Minn.  
 Mesce, Fasquale, stone producers, 1659 N. Western, Chicago, Ill.  
 Meserve, Geo. N., architect, 95 Milk, Boston, Mass.  
 Messenger-Whitney Elec. Co., New York.  
 Mesker Bros. Iron Co., steel structural wk., 421 S. 6th, St. Louis, Mo.  
 Mesker, Geo. L., & Co., steel awnings, railings, ceilings; iron stair bldrs., etc., Evansville, Ind.  
 Mesmer & Rice, contrs., Marsh-Strong Bldg., Los Angeles, Cal.  
 Mess, Henry G., archt., 1004 Ontario, Niagara Falls, N. Y.  
 Mess, Matthew, lbr. mfrs., Wellsville, N. Y.  
 Messenger, Benj., glass stainers, Erie, Pa.  
 Messenger Bros., stone producers, Steelton, Pa.  
 Messenger, F. H., Co., paint mfrs., Auburn, N. Y.  
 Messenger, H. B., canned goods, Federalsburg, Md.  
 Messenger & Parks Mfg. Co., ceilings, tanks, ventilator mfrs., etc., Aurora, Ill.  
 Messenger, R. W., & Co., canned goods, Federalsburg, Md.  
 Messenger & Richardson, canned goods, Williamsburg, Md.  
 Messer Bros., stone producers, Brockton, Mass.  
 Messer & Co., welding & cutting app., oxyacetylene, 121 N. 7th, Philadelphia, Pa.  
 Messer, E. B., & Son, cornices & skylights, Hartley, Ia.  
 Messer, John B. (Est. of), brick, Easton, Pa.  
 Messer, Jos. J., wood mantels, 461 Central av, Newark, N. J.  
 Messer, Richard, stone, Claremont, N. H.  
 Messerschmidt, H. Carl, architect, Mutual Bldg., Richmond, Va.  
 Messersmith, Clarence, contractor, Pottsville, Pa.  
 Messick, A. J., lbr., Bethlehem, Md.  
 Messick, J. B., & Co., canned goods, Bethel, Del.  
 Messick, P. S., canned goods, Hurlock, Md.  
 Messick, R. M., & Son, canned goods, Bethlehem, Md.  
 Messick, W. F., & Bro., canned goods, Salisbury, Md.  
 Messinger, H. & F., Mfg. Co., shock absorbers, saddles & tires, Austin pl & 144th, New York.  
 Messinger Hardwood Lbr. Co., 2139 Elston av, Chicago, Ill.  
 Messinger, Jacob H., contractor, Nazareth, Pa.  
 Messinger Mfg. Co., agricultural implements, Tatamy, Pa.  
 Messinger Teaming & Supply Co., masons' & bldrs.' supplies, Easton, Pa.  
 Messinger's, H. C., Sons, machsts. & fndrs., Consohocken, Pa.  
 Messmer, Andrew, Co., fndrs., Patterson nr. Bank, Cincinnati, O.  
 Messmer, Fred, Mfg. Co., machsts. & fndrs., 2700 S. 7th, St. Louis, Mo.  
 Messmer, John P., architect, 140 4th, Weehawken, N. J.  
 Messmer, R. A., & Bro. archt., Majestic Bldg., Milwaukee, Wis.  
 Messner & Co., steam fitters' supplies, Cedar Rapids, Ia.  
 Mesta Machine Co., rolling mill & heavy power machy., Oliver Bldg., Pittsburgh, Pa. *See adv index at end of book.*  
 Meta Canning Co., Meta, Mo.  
 Metal Barrel Co., Galesburg, Ill.  
 Metal Block Corp., brass ingots, 208 S. La Salle, Chicago, Ill.  
 Metal Block & Ingot Co., machsts., 2215 Elston av, Chicago, Ill.  
 Metal Cornice & Roofing Co., Front & Dickinson, Phila., Pa.  
 Metal Crafters, stamping & drawings, sheet metal, E. Stroudsburg, Pa. *See adv index at end of book.*  
 Metal Engng. Co., road culverts, Danville, Pa.  
 Metal Furniture Co., bedstead mfrs.; spring beds, Evansville, Ind.  
 Metal Hose & Tubing Co., hose mfrs., Raymond & Tillery, Brooklyn, N. Y.  
 Metal Industry, trade publication, 99 John, New York.  
 Metal Office Furniture Co., Grand Rapids, Mich.  
 Metal Package Co., decorated boxes & cans, 346 Carroll, Brooklyn, N. Y.  
 Metal Post & Culvert Co., Niles, Ohio.  
 Metal Products Co., welding wire & rods, 29 Central, Boston, Mass.  
 Metal Products Corp., metal novelties & specialties mfrs., 1012 Eddy, Providence, R. I.  
 Metal Reversible Window Device Co., Fremont, Ohio.  
 Metal Seal & Decorating Co., crowns-cork, 255 W. 54th, New York.  
 Metal Shelter Co., port. fireproof garages, S. Wabash, St. Paul, Minn.  
 Metal Specialties Co., hot water bottles, Attleboro, Mass.  
 Metal Spec. Co., hdwe. mfrs.—stampings, 6th & Burns, Cincinnati, Ohio.  
 Metal Spec. Mfg. Co., lamp adapters, advertising novelties, etc., 338 N. Kedzie av, Chicago, Ill.  
 Metal Spec. Mfg. Co., machsts., 125 Patchen av, B'klyn, N. Y.  
 Metal Spec. Mfg. Co., Waterbury, Conn.  
 Metal Stamping Co., auto. seats, carriage fasteners, etc., 13th, Long Island City, N. Y.  
 Metal Stamping Co., refrigerators, Jackson, Mich.  
 Metal Stamping Corp., Streator, Ill.  
 Metal Stamping & Mfg. Co., 15th & Oklahoma avs, Milwaukee, Wis.  
 Metal Toy Soldier Co., 156 Chestnut av, Jersey City, N. J.  
 Metal Treating & Equip. Co., cold process galvanizing, 252 Eagle, Brooklyn, N. Y.  
 Metal Welding & Supply Co., Denver, Colo.  
 Metal Wkr., trade publication, 239 W. 39th, New York.  
 Metaline Co., bearings, bushings, etc., 4 West av, Long Island City, N. Y.  
 Metallic Automobile Matting Co., 181 York, Rochester, N. Y.  
 Metallic Batten Co., Owensville, Ind.  
 Metallic Chocolate Mould Co., bakers' & confectioners', 160 William, New York.  
 Metallic Drawing Roll Co., machsts., Indian Orchard, Mass.  
 Metallic Flexible Hose Co., 230 Varet, Brooklyn, N. Y.  
 Metallic Mfg. Co., ventilator mfrs., Camden, N. J.  
 Metallic Mfg. Co., elec. light fix. mfrs., 745 E. 39th, Chicago, Ill.  
 Metallic Novelty Co., elec. light fix. mfrs., Troy, Ohio.  
 Metallic Sash Operator Co., sash operating devices, 2233 Chestnut, St. Louis, Mo.  
 Metallic Screen Co., Collins, Wis.  
 Metallic Sign Letter Co., 433 N. Clark, Chicago, Ill.  
 Metallurgical & Chem. Engin'g, trade publication, 239 W. 39th, New York.  
 Metals Coating Co. of Am., pneu. spray brushes, 100 Summer, Boston, Mass.  
 Metals Production Equipment Co., machy. mfrs., Springfield, Mass.  
 Metals Welding Co., 4400 Perkins av, Cleveland, Ohio.  
 Metals Working Co., 305 5th av, Pittsburgh, Pa.  
 Metalwood Mfg. Co., hydraulic presses, Detroit, Mich.  
 Metatype Co., lamps, 366 W. 15th, New York.  
 Metcalf, Chas., steam fitters' supplies, Streator, Ill.  
 Metcalf, E. J., sash, door & blind, Normal, Ill.  
 Metcalf, Fred L., architect, 143 North av, Plainfield, N. J.  
 Metcalf, J. C. Machy. Co., 102 Pearl, Boston, Mass.  
 Metcalf J. J., mill & facty. supplies, Hopkinsville, Ky.  
 Metcalf, J. S., Co., grain elev. bldrs., 108 S. La Salle, Chicago, Ill.  
 Metcalf, O. F., & Sons, masons' & bldrs.' matls., Franklin, Mass.  
 Metcalf, Sam'l, machst. & fndr., Seabring, Brooklyn, N. Y.  
 Metcalfe, L. A., masons' & bldrs.' matls., 2433 Gilbert av, Cincinnati, Ohio.  
 Metcalfe, Louis R., architect, 2 W. 47th, New York.  
 Meteor Motor Car Co., Piqua, Ohio.  
 Methvin Hardware Co., Columbus, Ga.  
 Methvin & Maund, fertilizer mfrs., Dublin, Ga.  
 Metler, C. L., & Co., lumber, Flat Rock, Mich.  
 Met-ol Polish & Mfg. Co., 1027 Larrabee, Chicago, Ill.  
 Metric Metal Works, Erie, Pa.  
 Metric Packing Co., steam packing, Kensington, Buffalo, N. Y.  
 Metropolis Bending Co., neck yokes, Metropolis, Ill.  
 Metropolitan Air Goods Co., rubber goods, Reading, Mass.  
 Metropolitan Basket Co., wire, 151 Spring, New York.  
 Metropolitan Button Co., 133 W. 22d, New York.  
 Metropolitan Contracting Co., Wilson blk, Los Angeles, Cal.  
 Metropolitan Cut Glass Co., Metropolitan av, B'klyn, N. Y.  
 Metropolitan Dredging Co., 90 West, New York.  
 Metropolitan Elec. Mfg. Co., switches, 14th, L. I. City, N. Y.  
 Metropolitan Elec. Protective Co., burglar & fire alarms, 130 W. 26th, New York.  
 Metropolitan Elec. Stage Lighting Co., 123 W. 40th, New York.  
 Metropolitan Engng. Co., elec. testing & measuring instruments, 35 Vestry, New York.  
 Metropolitan Engng. Co., incandescent cut-outs, 1250 Atlantic av, Brooklyn, N. Y.  
 Metropolitan Fire-Proofing Co., 47 W. 34th, New York City.  
 Metropolitan Gas & Elec. Fix. Co., 1767 E. 55th, Cleveland, Ohio.  
 Metropolitan Glass Co., 1545 N. Western av, Chicago, Ill.  
 Metropolitan Iron & Steel Co., 560 W. 26th, New York City.  
 Metropolitan Match Co., 503 Market, San Francisco, Cal.  
 Metropolitan Material Co., green house materials, 1335 Flushing av, Brooklyn, N. Y.  
 Metropolitan Mattress Co., 47 Wareham, Boston, Mass.  
 Metropolitan Motors, Inc., 220 W. 42d, N. Y. City.  
 Metropolitan Paint & Varnish Co., 322 Race, Philadelphia, Pa.  
 Metropolitan Paving Brick Co., Canton, Ohio.  
 Metropolitan Paving Co., 120 E'way, New York & St. Joseph, Mo.  
 Metropolitan Redwood Lumber Co., 112 Market, San Francisco, Cal.  
 Metropolitan Sewing Machine Co., Nyack, N. Y.  
 Mets, P. A., Paint Co., 769 Clinton, Buffalo, N. Y.  
 Metsch, Cassius M., architect, East Liverpool, Ohio.  
 Metter Fertilizer Co., Metter, Ga.  
 Metz & Bowles, beading & crimping machines, Clinton, Ill.  
 Metz Bros. Co., contractors, 1295 Fillmore av, Buffalo, N. Y.



- Metz Co., auto. bldrs., Woerd av, Waltham, Mass.  
 Metz Mfg. Co., lumber manufacturers, Dubuque, Ia.  
 Metz, Peter J., surface grinders, 560 W. Washington, Chicago, Ill.  
 Metz & Schloerb, moccasins, Oshkosh, Wis.  
 Metz Struct. Steel Co., Bridgeport, Conn.  
 Metzger, Chas. S., contractor, Denckla Bldg., Philadelphia, Pa.  
 Metzger & Field, contractors, 47th & Bruce, Philadelphia, Pa.  
 Metzger & Fisher, contractors, Denckle bldg., Philadelphia, Pa.  
 Metzger, Geo. C., architect, 18 E. 41st, New York.  
 Metzger, Geo. J., architect, 19 W. Huron, Buffalo, N. Y.  
 Metzger, Harry, brooms, Muscatine, Ia.  
 Metzger, J., Mfg. Co., machsts., 2165 McLean av, Cincinnati, O.  
 Metzger Mattress Co., spring beds, Atlanta, Ga.  
 Metzger, R. A., fly swatters, New Philadelphia, O.  
 Metzger, Richard, glass stainers, 54 Duryee, Newark, N. J.  
 Metzger Seed & Oil Co., Toledo, O.  
 Metzger, T. M., cornices & skylights, Los Angeles, Cal.  
 Metzler, J., & Sons Co., carriages, 158 E. Grand, Chicago, Ill.  
 Metzler, Wm. G., contractor, 28 Paul pl, Buffalo, N. Y.  
 Metzner, Louis L., architect, 714 E. Penna, Evansville, Ind.  
 Meulenbergh, Emil C., contractor, 103 Park av, New York.  
 Meurer Bros. Co., ventilator, stove pipe & elbow mfrs., 575 Flushing av, Brooklyn, N. Y.  
 Meurer Steel Barrel Co., 567 Flushing av, Brooklyn, N. Y.  
 Meuron, F. A. de, architect, 31 E. 27th, New York.  
 Meuser Bros., pianos, Massillon, Ohio.  
 Mexican Crude Rubber Co., 668 Penobscot, Detroit, Mich.  
 Mexican Petroleum Co., Los Angeles, Cal.  
 Mey Chain Belt Co., machsts., Buffalo, N. Y.  
 Meyberg Co., elec. & gas light fixtures, Los Angeles, Cal.  
 Meyer, A., architects, Central Na. Bank Bldg., St. Louis, Mo.  
 Meyer, A. B., & Co., masons' & bldrs. matls., 17 N. Penn, Indianapolis, Ind.  
 Meyer, A., Co. bldg. contrs., Portland, Ore.  
 Meyer, A. F. Mfg. Co., portable grain elev., Morton, Ill.  
 Meyer, A. G., & Sons, stone producers, Mankato, Minn.  
 Meyer, Albert T., architect, 1059 Newberry, Toledo, Ohio.  
 Meyer & Anselm, architect's & ornamental iron, 173 Van Sinderen av, Brooklyn, N. Y.  
 Meyer & Brenner, architects, Paul Jones bldg., Louisville, Ky.  
 Meyer Bros., stone, 342 E. North av., Milwaukee, Wis.  
 Meyer Bros., traveling bags, 234 N. Front, Philadelphia, Pa.  
 Meyer Bros. Saddlery Co., Sioux City, Ia.  
 Meyer & Brown, crude rubber, 35 So. William, New York  
 Meyer, C. G., & Son, auto tops, Tiffin, Ohio.  
 Meyer, C. R., Sons Co., contractors, Oshkosh, Wis.  
 Meyer, Chas., brick, Freelandville, Ind.  
 Meyer & Co., mchsts. & fndrs—self feeders, Throopsville, N. Y.  
 Meyer Const. Co., Merrill bldg., Milwaukee, Wis.  
 Meyer Contracting Co., 56 Cooper sq., New York.  
 Meyer Corporation, hog oilers, feed grinders, etc., Morton, Ill.  
 Meyer, E. H., & Co., glass, paint, 35 E. Court, Cincinnati, Ohio.  
 Meyer, Edw., & Co., cornices, 212 Wade, Cincinnati, Ohio.  
 Meyer, Ed. H., contrs., Terre Haute, Ind.  
 Meyer, Eugene, mill & facty. supplies—whol. hdwe., Jefferson, Tex.  
 Meyer, F., & Bro. Co., mill & factory supplies; cornices, tin plate, etc., Peoria, Ill.  
 Meyer, F. H., architect, 3019 Preston av, Houston, Tex.  
 Meyer Fdry. & Mfg. Co., South Bend, Ind.  
 Meyer, Fred. H., architect, Bankers' Investment Bldg., San Francisco, Cal.  
 Meyer, Fred'k C., grey iron & brass castings, Shelton, Conn.  
 Meyer, Frederick H., architect, 64 W. Randolph, Chicago, Ill.  
 Meyer Furnace Co., Peoria, Ill.  
 Meyer, G. A., & E., color mfrs., & imports, 135 William, New York.  
 Meyer, G. E., & Son, cornice, South Bend, Ind.  
 Meyer, Geo. J., Mfg. Co., machsts.—boilers, 598 Clinton, Milwaukee, Wis.  
 Meyer, H. H., Packing Co., meat, Central av & Linn, Cincinnati, Ohio.  
 Meyer, Hans, architect, Woodbridge, N. J.  
 Meyer & Harris, contracts, 607 Chalkstone, av, Providence, R. I.  
 Meyer, Harry C., architect, Zanesville, Ohio.  
 Meyer, Hy. H., Co., contractors' tool & supplies—mill & facty. supplies, 110 S. Howard St., Baltimore, Md.  
*See adv index at end of book.*  
 Meyer, J. C., & Co., thread, Lowell, Mass.  
 Meyer J. F. Mfg. Co., sashes, doors & blinds, Hannibal, Mo.  
 Meyer, J., & Sons, varnish gums, Bourse Bldg., Philadelphia, Pa.  
 Meyer, Jos. F., & Co., whol. hdwe., Houston, Texas.  
 Meyer, L. M., & Co., coal bags, contrs., tents, etc., Springfield, Mass.  
 Meyer, Louis, Co., meat packers, 374 Flushing av, Brooklyn, N. Y.  
 Meyer, Louis J., plated silverware, 804 Walnut, Philadelphia, Pa.  
 Meyer & Martin, contractors, 118 E. 88th, New York  
 Meyer, N., corn brooms, Green Bay, Wis.  
 Meyer, Otto C., & Co., boiler wks. & iron castings, 30 Franklin av, Brooklyn, N. Y.  
 Meyer, R. M., masons' & bldrs.' matls., 3010 Jefferson av, W., Detroit, Mich.  
 Meyer & Ruh Co., mill & fcty. supplies, masons' & builders' materials, Bayonne, N. J.  
 Meyer Scale & Hdwe. Co., 409 Elizabeth av, Newark, N. J.  
 Meyer-Sniffin Co., plumbers' supplies—jobbers, 11 W. 36th, New York  
 Meyer, Theodore A., architect, 114 E. 28th, New York.  
 Meyer & Thomas Const. Co., contrs., Canokia bldg., East St. Louis, Ill.  
 Meyer, W. D., masons' & bldrs., matls., Quincy, Ill.  
 Meyer, W. F., Diamond Saw Co., mfrs., tools, jigs, dies and automatic machine parts, Bedford, Ind.  
 Meyer & Walker, machinery dealers, Rockville, Mo.  
 Meyer & Wenthe, numbering machines, stamps, stencils, etc., 108 N. Dearborn, Chicago, Ill.  
 Meyer, Wm., packing box mfr., 214 Quarry, Philadelphia, Pa.  
 Meyer, Wm., Co., batteries, rectifiers, vibrators, etc., 817 Washington, Chicago, Ill.  
 Meyer, Wm. D., masons' & bldrs.' supplies, 301 Delaware, Quincy, Ill.  
 Meyer, Wm., Son, contractors, Arlington Height, Ill.  
 Meyer, Wilson & Co., cement importers, 454 California, San Francisco, Cal.  
 Meyer Cord Co., transfer ornaments, Cham. of Com., Chicago, Ill.  
 Meyerlambers, W. H., architect, Navastota, Texas.  
 Meyerowitz, E. B., surgical instruments, 237 5th av, New York.  
 Meyers, B. Frank, architect, Bond Bldg., Washington, D. C.  
 Meyers Broom Wks., Omaha, Neb.  
 Meyers Bros., brick, common, Azalia, Mich.  
 Meyers Bros., mill & facty. supplies, Charleston, W. Va.  
 Meyers, Chas. B., architect, 1 Union sq, New York.  
 Meyers, E. B., stone producers, Hanover, Pa.  
 Meyers, F. Guy Co., contractors, 908 Chestnut, Philadelphia, Pa.  
 Meyers, Fred J., Mfg. Co., ornamental wire, iron, brass & bronze work, Hamilton, Ohio. *See adv index at end of book.*  
 Meyers, H. J. & W. A., masons' & bldrs.' matls., Hooversville, Pa.  
 Meyers, Henry H., architect, Kohl Bldg., San Francisco, Cal.  
 Meyers, W. H., & Co., canned goods, Bryansville, Pa.  
 Meyers, Willard F., Machine Co., 614 Hamilton, Astoria, N. Y.  
 Meyne, Gerhardt F., contractor, 127 N. Dearborn, Chicago, Ill.  
 Meystre, Frede J., architect, 84 Washington, Hoboken, N. J.  
 Mezger, C. A., auto. windshields, 13 Canal pl, New York.  
 Mezger, G., & Son, granite producers, 1032 W. Baltimore, Baltimore, Md.  
 M. & G. Mach. Co., 3918 Superior av, N. E., Cleveland, Ohio.  
 M. H. Foundry & Mfg. Co., Grey iron castings, Belleville, Ill.  
 Miami Boiler Compound Co., 505 Elm, Cincinnati, Ohio.  
 Miami Brass Fdry. Co., Dayton, Ohio.  
 Miami Canning Co., Lebanon, O.  
 Miami Cycle & Mfg. Co., Middletown, Ohio.  
 Miami Fertilizer Co., Hamilton, Ohio.  
 Miami Fdry. Co., Hamilton, Ohio.  
 Miami Garage, machinists, Miami, Fla.  
 Miami Lbr. & Veneer Co., Dayton, Ohio.  
 Miami Paper Co., West Carrollton, Ohio.  
 Miami Stone & Gravel Co., 2103 Un. Cent. Bldg., Cincinnati, O.  
 Miami Trailer Co., auto. truck trailers, Troy, Ohio.  
 Miami Valley Paint Co., wood fillers, Dayton, Ohio.  
 Miamisburg Paper Co., Miamisburg, O.  
 Mianus Mfg. Co., plushers—horse blankets, Coscob, Conn.  
 Mianus Motor Wks., machinists & fdrs., Stamford, Conn.  
 Mica Crystal Co., mica quartz—grit, Concord, N. H.  
 Mica Insulator Co., insulating mtrl. mfrs., 68 Church, New York  
 Mica Mfg. Co., 454 18th, Brooklyn, N. Y.  
 Micanopy Turpentine Co., Micanopy, Fla.  
 Michael Heating Co., Denver, Colo.  
 Michael, James, machinist, Lake Charles, La.  
 Michael, M., & Bro., whol. hdwe., Paducah, Ky.  
 Michael, R. M., canned goods, Aberdeen, Md.  
 Michael Supply & Roofing Co., Talladega, Ala.  
 Michael, W. O., canned goods, Fountain Green, Md.  
 Michaelis, A. C., architect, Joplin, Mo.  
 Michaelis, Frederick H., architect, McGee Bldg., Kansas City, Mo.  
 Michael's Art Bronze Co., Covington, Ky.  
 Michaels & Minnick Construction Co., Marion, Ind.  
 Michaels, T. M., lumber manufacturers, Knoxville, Tenn.  
 Michalak, Albert, architect, 642 Becher, Milwaukee, Wis.  
 Michel & Eugene & Staff, advtg. counsellors, Woolworth Bldg., New York  
 Michel, J. G., architect, 323 45th, Brooklyn, N. Y.  
 Michel, Louis, scrap iron & steel, 560 Elk, Buffalo, N. Y.  
 Michelin Tire Co., Milltown, N. J.  
 Michelmann Steel Const. Co., boilers, stacks, tanks, etc., Quincy, Ill.  
 Michels, J. J., contractor, Houghton, Mich.  
 Michener, E. S., carbon removers, New Castle, Pa.  
 Michie, Andrew Y., hair cloth mfr., 5th & Columbia, Phila., Pa.  
 Michigan Alkali Co., chemicals, Wyandotte, Mich.  
 Michigan Ammonia Wks., ammonia concentrators, ft. Meldrum av, Detroit, Mich.  
 Michigan Auto Trailer Co., 224 21st, Detroit, Mich.  
 Michigan Bay & Paper Co., Jackson, Mich.  
 Michigan Bedding Co., mattresses, 262 Orleans, Detroit, Mich.  
 Michigan Bent Rim & Basket Mfg. Co., Lowell, Mich.  
 Michigan Bolt & Nut Wks., clamps, nuts, rivets, screws, &c., Detroit, Mich.  
 Michigan Brass & Iron Works, mchsts. & fdrs., Lansing, Mich.  
 Michigan Bridge & Pipe Co., steel structural wk., Lansing, Mich.



Michigan Builders' Supply Co., Dequindre & Forest, Detroit, Mich.  
 Michigan Cabinet Co., Grand Rapids, Mich.  
 Michigan Carbon Works, bone black, Delray, Detroit, Mich.  
 Michigan Carton Co., Battle Creek, Mich.  
 Michigan Cash Register Co., 85 Porter, Detroit, Mich.  
 Michigan Casket Co., 245 Rivard, Detroit, Mich.  
 Michigan Chair Co., piano benches, Grand Rapids, Mich.  
 Michigan Chemical Co., ethyl & wood alcohol, Bay City, Mich.  
 Michigan City Lumber & Coal Co., masons' & bldrs.' matls., Michigan City, Ind.  
 Michigan College of Mines, eng'ng schools & colleges, Houghton, Mich.  
 Michigan Copper & Brass Co., rods, rolling mill, tubing, wire brass, etc., Detroit, Mich.  
 Michigan Cornices & Slate Works, 117 Fort, E., Detroit, Mich.  
 Michigan Crank Shaft Co., Lansing, Mich.  
 Michigan Desk Co., Grand Rapids, Mich.  
 Michigan Elec. Welding Co., Detroit, Mich.  
 Michigan Enameling Works, Kalamazoo, Mich.  
 Michigan Engine Valve Co., machsts., 115 Columbia, W., Detroit, Mich.  
 Michigan Engng. Co., water softening, Union Trust Bldg., Detroit, Mich.  
 Michigan Game Board Mfg. Co., toys, games & nov., Flint, Mich.  
 Michigan Glass Co., fruit jars, Saginaw, Mich.  
 Michigan Glass Works, Detroit, Mich.  
 Michigan Grey Iron Castings Co., fndrs., Harbaugh & C, Detroit, Mich.  
 Michigan Hardware Co., Grand Rapids, Mich.  
 Michigan Hearse & Carriage Co., Grand Rapids, Mich.  
 Michigan Hearse & Motor Co., 1500 Union av, S. E., Grand Rapids, Mich.  
 Michigan Hoop & Stave Co., Marinette, Wis.  
 Michigan Knitting Co., Lansing, Mich.  
 Michigan Ladder Co., Ypsilanti, Mich.  
 Michigan Leather Packing Co., Detroit, Mich.  
 Michigan Lubricator Co., Detroit, Mich.  
 Michigan Lbr. Co., 929 E. St. Clair, Indianapolis, Ind.  
 Michigan Machy. Mfg. Co., dies & drills, Ypsilanti, Mich.  
 Michigan Malleable Iron Co., journal boxes, Delray, Detroit, Mich.  
 Michigan Maple Block Co., Petoskey, Mich.  
 Michigan Metal Spinning & Mfg. Co., copper floats, 528 Woodridge, E., Detroit, Mich.  
 Michigan Milling Co., flour, Ann Arbor, Mich.  
 Michigan Motor Casting Co., Flint, Mich.  
 Michigan Motor Specialties Co., battery connectors, holders, spark plugs, etc., 40 Dubois, Detroit, Mich.  
 Michigan Optical Co., Detroit, Mich.  
 Michigan Paper Co., Plainwell, Mich.  
 Michigan Paper Tube & Can Co., 9 Center, Detroit, Mich.  
 Michigan Paste & Mfg. Co., 711 Fort, W., Detroit, Mich.  
 Michigan Pattern Works, 1085 Jefferson av, E., Detroit, Mich.  
 Michigan Pipe Co., underground conduits, Bay City, Mich.  
 Michigan Plumbing Supply Co., 256 Jefferson av, Detroit, Mich.  
 Michigan Portland Cement Co., Chelsea, Mich.  
 Michigan Portland Cement Paving Co., sand dlrs., Detroit, Mich.  
 Michigan Press Co., Ypsilanti, Mich.  
 Michigan Pressed Brick Co., 480 Lawton, Detroit, Mich.  
 Michigan Pressed Steel Co., 229 Artillery, Detroit, Mich.  
 Michigan Refining & Preserving Co., Menominee, Mich.  
 Michigan Safety Furnace Pipe Co., 113 Fort, E., Detroit, Mich.  
 Michigan Salt Works, Marine City, Mich.  
 Michigan Saw Co., Saginaw, Mich.  
 Michigan Scrap Iron Co., Ironwood, Mich.  
 Michigan Screw Co., Lansing, Mich.  
 Michigan Show Case Co., 480 Fort, W., Detroit, Mich.  
 Michigan Smelting & Refining Co., smelters & refiners of lead, tin, etc., also copper bearing by-products, Detroit, Mich.  
*See adv. index at end of book.*  
 Michigan Sprocket Chain Co., Delray, Detroit, Mich.  
 Michigan Stamping Co., Detroit, Mich.  
 Michigan State Agricultural College, eng'ng schools & colleges, Lansing, Mich.  
 Michigan Steel Boat Co., motor boats, Detroit, Mich.  
 Michigan Steel Casting Co., 248 Guion av, Detroit, Mich.  
 Michigan Storage Battery Co., 69 Atwater, E., Detroit, Mich.  
 Michigan Stove Co., electric cooking app., Adair & Jeff., E., Detroit, Mich.  
 Michigan Sugar Co., Eddy Bldg., Saginaw, Mich.  
 Michigan Supply Co., mill, facty. & plumbers' supplies, Lansing, Mich.  
 Michigan Tanning & Extract Co., Wells, Mich.  
 Michigan Tea Rusk Co., cereal foods, Holland, Mich.  
 Michigan Trailer Co., auto. truck trailers, Kalamazoo, Mich.  
 Michigan Truck & Lumber Co., Holly, Mich.  
 Michigan Veneer Co., Alpena, Mich.  
 Michigan Washing Mach. Co., Muskegon, Mich.  
 Michigan Welding Co., Jackson, Mich.  
 Michigan Wheel Co., Grand Rapids, Mich.  
 Michigan Wire Cloth Co., 500 Howard, Detroit, Mich.  
*See adv. index at end of book.*  
 Michigan Wire Fence Co., Adrian, Mich.  
 Michigan Wood Preserving Co., creosoting wks., Pittsburgh, Pa.  
 Michigan Wool Boot Co., Hastings, Mich.  
 Michler, Wm. M., architect, Easton, Pa.

Michlovitz & Co., scrap iron, Harrisburg, Pa.  
 Mickelson, A. A., & Son, masons' & bldrs.' matls., Black Earth, Wis.  
 Mickelson, A. P., contractor, 511 9th, E., Salt Lake City, Utah.  
 Mickelson, Carl P., masons' & bldrs.' matls., Mason, Mich.  
 Mickle, Geo. T., Lumber Co., 30 N. La Salle, Chicago, Ill.  
 Mickle, H. L., Lumber Co., 914 2d Nat. Bk. Bldg., Cincinnati, O.  
 Mickler, O. O. Brick Co., Callahan, Fla.  
 Micro Piston Ring Co., 1960 B'way, New York.  
 Micrometer Balance Scale Co., balata & mchsts., Troy, N. Y.  
 Middaugh, E. H., cornices, Kalamazoo, Mich.  
 Middaugh, L. G., architect, 3700 Roberts, Kansas City, Mo.  
 Middle Georgia Fertilizer Co., Dublin, Ga.  
 Middle States Constr. Co., Union Nat. Bk. Bldg., Columbus, O.  
 Middle States Oil Co., 848 B. of L. E. Bldg., Cleveland, Ohio.  
 Middle Tenn. Milling Co., flour, Tullahoma, Tenn.  
 Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.  
 Middleburg Mills, tickings, Columbia, S. C.  
 Middleburg Stone Co., Elyria, Ohio.  
 Middlebury Marble Co., marble producers, Branton, Vt.  
 Middleby-Marshall Oven Co., 769 W. Adams, Chicago, Ill.  
 Middleditch, Benj., buffing lathes, match plates, etc., Detroit, Mich.  
 Middleport Boiler Works, Middleport, O.  
 Middleport Brick Co., Middleport, Ohio.  
 Middlesex Aniline Co., Singer Bldg., New York.  
 Middlesex Machine Co., Lowell, Mass.  
 Middleton & Clark, masons' & bldrs.' matls., Highland Park, Ill.  
 Middleton Cooperage Co., lumber, Middleton, Mich.  
 Middleton, Howard W., Co., cement coated wire nails, 911 Cal-lowhill, Philadelphia, Pa.  
 Middleton Union Warehouse Co., Middleton, Ga.  
 Middleton, Wm. B., architect, 8 S. 4th av, Mount Vernon, N. Y.  
 Middletown Car Co., Middletown, Pa.  
 Middletown Coal Co., stone producers, Middletown, Conn.  
 Middletown Iron, Metal & Coal Co., Middletown, Pa.  
 Middletown Machine Co., mchsts. & fndrs., Middletown, Ohio.  
 Middletown Milling Co., flour, Middletown, Va.  
 Midoka Supply Co., mill & facty. supplies, Oklahoma, Okla.  
 Midgely, Geo., sashes, doors & blinds, Eugene, Ore.  
 Midland Brass Works, mchsts. & fndrs., Fort Worth, Tex.  
 Midland Bridge Co., Midland Bldg., Kansas City, Mo.  
 Midland Chemical Co., chloroform, Midland, Mich.  
 Midland Crusher-Pulverizer Co., 37 W. Van Buren, Chicago, Ill.  
 Midland Fndry. & Mach. Works Co., zinc lathes, 2156 15th, Denver, Colo.  
 Midland Glass & Paint Co., Omaha, Neb.  
 Midland Glue Co., Madison, Ind.  
 Midland Knitting Mills, 1256 Clybourne av, Chicago, Ill.  
 Midland Linseed Products Co., 1254 Cham. of Com., Minneapolis, Minn.  
 Midland Mach. Co., fndry molding machines, Detroit, Mich.  
 Midland Metal Co., mchsts., 21st & Jefferson, Philadelphia, Pa.  
 Midland Metal Mfg. Co., Ottumwa, Ia.  
 Midland Petroleum Co., dealers, 111 W. Monroe, Chicago, Ill.  
 Midland Pottery Co., Zanesville, O.  
 Midland Steel Co., blast furnaces, Pittsburgh, Pa.  
 Midland Supply Co., baling presses, cigar lighters, etc., Davenport, Ia.  
 Midland Terra Cotta Co., 3 S. La Salle, Chicago, Ill.  
 Midland Tile Works, Midland, Mich.  
 Midmer, Reuben, & Son, organs, 375 Fulton, Brooklyn, N. Y.  
 Midnight Sun Packing Co., canned goods, Seattle, Wash.  
 Midtown Contrg. Co., Creston av & 184th, New York.  
 Midvale Chemical Works, aniline oils, soap, etc., 610 Locust, St. Louis, Mo.  
 Midvale Mining & Mfg. Co., cements, compounds, ferro-alloys, etc., Central Nat'l Bk. Bldg., St. Louis, Mo.  
 Midvale Steel Co., car axles, castings, engines, forgings, etc., Widener Bldg., Philadelphia, Pa.  
 Midway Milling Co., flour, Steeles Tavern, Va.  
 Mid-West Box Co., paper, Kokomo, Ind.  
 Mid-West Construction Co., Dwight Bldg., Kansas City, Mo.  
 Mid-West Iron Works Co., Omaha, Neb.  
 Mid-West Refining Co., petroleum & its products, Casper, Wyo.  
 Miehle Printing Press & Mfg. Co., 14th & Robey, Chicago, Ill.  
 Miehpaull Mfg. Co., sweaters, etc., Orchard & Tradi., Phila., Pa.  
 Mier Carriage & Buggy Co., Ligonier, Ind.  
 Miers, D. K., & Co., stone producers, 76 W. Monroe, Chicago, Ill.  
 Mietz, August, engines, grey iron castings, pumps, etc., 138 Mott, New York.  
 Mifflinburg Body & Gear Co., Mifflinburg, Pa.  
 Mifflinburg Buggy Co., carriages, Mifflinburg, Pa.  
 Mignon Wireless Corp., Elmira, N. Y.  
 Mihl & Allegretti, letter openers, Geneva, N. Y.  
 Mikesell Bros. Co., asbestos gloves, carbon brushes, etc., 26 N. Jefferson, Chicago, Ill.  
 Mikesell & Co., canned goods, Traverse City, Mich.  
 Milam, B. C., & Sons, fishing reels, Frankfort, Ky.  
 Milance, Dominic, contractor, 213 E. 183d, New York.  
 Milbrandt Mfg. Co., rolling & trolley ladders, 2419 N. 10th, St. Louis, Mo.  
 Milburn, Alex., Co., acetylene apparatus mfrs., Baltimore, Md.  
*See adv. index at end of book.*  
 Milburn, Heister & Co., architects, Union Sav. Bk. Bldg., Washington, D. C.  
 Milburn Wagon Co., 31 Monroe av, Toledo, O.



- Milden Packing Co., canned goods, Sharps, Va.  
 Mildner & Eisen, architects, Hammond Bldg., Detroit, Mich.  
 Mildrum, W. W., Jewel Co., East Berlin, Conn.  
 Miles & Brandt Co., contractors, Austell bldg., Atlanta, Ga.  
 Miles Bros. & Co., brusnes, 1957 Pitkin av, Brooklyn, N. Y.  
 Miles, Franklins Co., screw mfrs., 205 Quarry, Phila., Pa.  
 Miles, Geo. W., chemists, 88 Broad, Boston, Mass.  
 Miles, Geo. W., Timber & Lbr. Co., Wright Bldg., St. Louis, Mo.  
 Miles, Jas., & Sons Co., contractors, 393 Main, Worcester, Mass.  
 Miles Mfg. Co., machsts., Jackson, Mich.  
 Miles Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.  
 Miles Planting & Mfg. Co., sugar rehneries, Burnside, La.  
 Miles-Tighe Contr. Co., Easton, Pa.  
 Miley Soap Co., Providence, R. I.  
 Milford Canning Co., Milford, Ill.  
 Milford Granite Co., Milford, N. H.  
 Milford Iron Foundry, Milford, Mass.  
 Milford Lbr. Co., Milford, Del.  
 Milford Mfg. Co., boards & brushes, Mansfield, Ohio.  
 Milford, W., contractor, Calumet, Mich.  
 Milhaupt Co., carriages, Appleton, Wis.  
 Milholland, Geo., brick, Franklin, La.  
 Milholland, J. & J. B., Co., mchsts. & fdrs., 714 5th av, Pittsburgh, Pa.  
 Militaire Motor Vehicle Co., Kensington av, Buffalo, N. Y.  
 Mill Hall Brick Wks., Mill Hall, Pa.  
 Mill & Mine Supply Co., Seattle, Wash.  
 Mill Remnants Co., polishing cloths, 19 Bond, New York.  
 Mill Shoals Canning Co., Mill Shoals, Ill.  
 Mill Shoals Cooperage Co., Mill Shoals, Ill.  
 Mill Specialties Co., mill & factory supplies, Westfield, Mass.  
 Millar, Allison R., contractor, Bay City, Mich.  
 Millar Carriage Wks., Chicago, Ill.  
 Millar, Chas., & Son Co., whol. hdwe. & plumbers', mill & facty. supplies, etc., Utica, N. Y.  
 Millar & Ellis, architects, Hoge Bldg., Seattle, Wash.  
 Millar, Louis du P., architect, Pasadena, Cal.  
 Millar, R. J., architect, 37 Rodgers av, Pittsburgh, Pa.  
 Millar, R. M., Elec. Wks., 9 S. Clinton, Chicago, Ill.  
 Millard, Geo. P., scrap iron, Clyde, N. Y.  
 Millard, J. B., & Sons, contractors, Lebanon, Pa.  
 Millard, J. W., & Bro., naval architects, 17 State, New York.  
 Millard, Jas., & Son, mchsts. & fndrs., Kingston, N. Y.  
 Millard Lumber Co., New Hamburg, N. Y.  
 Millbourne, L. M., canned goods, Kingston, Md.  
 Millbridge Packing Co., Millbridge, Me.  
 Millbrook Co., contractors, Grand Central Terminal, New York.  
 Millbury Machine Co., Millbury, Mass.  
 Millbury Steel Foundry Co., steel castings, Millbury, Mass.  
 Millcreek Dist. Co., Cincinnati, Ohio.  
 Millcreek Wagon Co., carriage bodies, 225 Budd, Cincinnati, O.  
 Milled Screw & Mach. Co., Sayre, Pa.  
 Milledgeville Brick Works, Milledgeville, Ga.  
 Milledgeville Oil Mills, Atlanta, Ga.  
 Millen Fertilizer Co., Millen, Ga.  
 Millen Portland Cement Co., Jamesville, N. Y.  
 Milten & Williamson, plate glass, 26 Kneeland, Boston, Mass.  
 Mil. r. A. D., Sons Co., oils, Columbus & Preble, Pittsburgh, Pa.  
 Milde A. G., cooking apparatus, coffee urns, etc., 108 Centre, New York.  
 Miller, A. J., & Co., auto. metal bodies, Bellefontaine, Ohio.  
 Miller, A. J., Four Point Hay Fork Co., Albion, Ill.  
 Miller, A. K., architect, Penn Bldg., Pittsburgh, Pa.  
 Miller, A. L., Co., sash, door & blind, Conshohocken, Pa.  
 Miller, A. N., Saw Mill Co., ties, poles & posts, Seattle, Wash.  
 Miller, Alex., stone, Chester, Pa.  
 Miller Anchor Co., Norwalk, Ohio.  
 Miller, Aug., & Son, brooms, La Crosse, Wis.  
 Miller, B. P., contractor, North Vernon, Ind.  
 Miller, Baker & Strengson Building Co., U. T. Bldg., Detroit, Mich.  
 Miller, Ballard P., flour mills, Newbern, Va.  
 Miller & Bauer, contractors, Panama Bldg., Portland, Ore.  
 Miller, Bonner & Co., soap, St. Louis, Mo.  
 Miller & Borcharding, contractors, Frisco Bldg., St. Louis, Mo.  
 Miller Bros., auto. bodies, Amesbury, Mass.  
 Miller Bros., contractors, Shelbyville, Ky., & Youngstown, Ohio.  
 Miller Bros., sash, door & blind, Lebanon, Pa.  
 Miller Bros. & Co., canned goods, 901 S. Wolfe, Baltimore, Md.  
 Miller Bros. & Co., metal polish, 894 B'way, New York.  
 Miller Bros. Cutlery Co., ink erasers, knives & steel pens, Meriden, Conn.  
 Miller Bros. Hardware Co., Richmond, Ind.  
 Miller Bros. Lumber Co., Bellingham, Wash.  
 Miller-Bryant-Pierce Co., typewriter ribbons, carbons, etc., Aurora, Ill.  
 Miller, Burt F., architect, Brandeis Theatre Bldg., Omaha, Nebr.  
 Miller, C., architect, Fullenwider & Dowling, 6 N. Michigan av, Chicago, Ill.  
 Miller, C. Brownlow, machsts., Canton, Ohio.  
 Miller, C. C., architect, Washington, N. C.  
 Miller, C. F., masons' & bldrs.' matls., Bedford, Ohio.  
 Miller, C. H., architect, Foxcroft Bldg., San Francisco, Cal.  
 Miller, C. H., Hardware Co., Huntingdon, Pa.  
 Miller, C. & Son, cornices, Fort Wayne, Ind.  
 Miller, C. W., & Co., meat packers, Newark, Ohio.  
 Miller Cabinet Co., Rochester, N. Y.  
 Miller & Chaffee, architects, Jefferson City, Mo.  
 Miller, Chas., wrenches, Syracuse, N. Y.  
 Miller, Chas. A., Co., plumbers' wood work, pipes, etc., Sturgis, Mich.  
 Miller, Chas. E., rubber goods, tires, etc., Anderson, Ind.  
 Miller, Chas. E., spark plugs, auto. horns & chains, 97 Reade, New York.  
 Miller, Chas. E., Brick Mfg. Co., York, Pa.  
 Miller, Chas. R., Co., contractors, 8 N. Front, Memphis, Tenn.  
 Miller Chemical Engine Co., fire extinguishers, 222 W. Huron, Chicago, Ill.  
 Miller Chemical Engine Co., mchsts. & fdrs., 1411 W. 9th, Cleveland, Ohio.  
 Miller, Chester H., architect, 1st Sav. Bk. Bldg., Oakland, Cal.  
 Miller City Tile Co., Miller City, Ohio.  
 Miller, Clarence A., architect, 1738 Lamont av, Washington, D. C.  
 Miller-Clark Grain Co., flour mills, Fairmont, W. Va.  
 Miller, Clifford L., & Co., masons' & bldrs.' matls., 110 E. 23d, New York.  
 Miller, Clyde, architect, 112 W. Adams, Chicago, Ill.  
 Miller & Co., buffing & polishing wheels, 12 William, Newark, N. J.  
 Miller Co., sand dhrs., Marshalltown, Iowa.  
 Miller Constr. Co., 530 Fernando, Pittsburgh & Lock Haven, Pa.  
 Miller & Coulson, masons' & bldrs.' matls., Diamond Bk. Bldg., Pittsburgh, Pa.  
 Miller & Cramer, fertilizer mfrs., Woodsboro, Md.  
 Miller & Crowningshield, bench milling machs., Greenfield, Mass.  
 Miller, D. C., stone producers, Newburgh, N. Y.  
 Miller, D. H., & Co., canned goods, Moneta, Va.  
 Miller, Dan, Buggy Co., carriages, Alton, Ill.  
 Miller, David, stone producers, wkrs. & dhrs., 315 E. 103d, New York.  
 Miller & Devore, sash, door & blind, Meadville, Pa.  
 Miller & Doing, roof'g tile, metals, etc., 60 York, B'klyn, N. Y.  
 Miller, Du Brul & Peters Mfg. Co., cigar & cigarette machy., 507 E. Pearl, Cincinnati, Ohio.  
 Miller & Dyatt Co., contractors, 47 W. 34th, New York.  
 Miller, E. A., architect, 1816 Royal av, Portland, Ore.  
 Miller, E. H., cornices, Easton, Pa.  
 Miller, E. L., fertilizer mfrs., Washington, C. H., Ohio.  
 Miller, E. M., canned goods, Fincastle, Va.  
 Miller, E. M., Co., carriages, Quincy, Ill.  
 Miller, E. S., barrows, Stanwood, Ohio.  
 Miller, Earl F., architect, Manitowoc, Wis.  
 Miller, Edw., cornices & skylights, Tacoma, Wash.  
 Miller, Edw., & Co., lamp burners, lamps, oil stoves, etc., Meriden, Conn.  
 Miller, Edwin M., steel structural wk., Kansas City Life Bldg., Kansas City, Mo.  
 Miller Engineering Co., Little Rock, Ark.  
 Miller, Enoch, sash, door & blind, Mifflinburg, Pa.  
 Miller-Enwright Co., wholesale hdwe. & plumbers' supplies, Sacramento, Cal.  
 Miller, F. J., architect, People's Nat. Bk. Bldg., Scranton, Pa.  
 Miller, F. K., soap, Reading, Pa.  
 Miller, F. W., Heating Co., McCormick Bldg., Chicago, Ill.  
 Miller Fertilizing Co., 5 S. Gay, Baltimore, Md.  
 Miller Fdry. Co., Uniontown, Pa.  
 Miller Fdry. & Specialty Co., North Tonawanda, N. Y.  
 Miller, Frank, Co., harness oils, soap & dress'g, dyes, polishes, etc., 349 W. 26th, New York.  
 Miller, Frank, Lbr. Co., Bridgeport, Conn.  
 Miller, Frank P., contractor, Columbia, Mo.  
 Miller, Frank P., fertilizer mfrs., Springtown, Pa.  
 Miller, Frank P., Paper Co., box board mfrs., East Downing-ton, Pa.  
 Miller, Franklin, Bassett & Co., efficiency engrs., 17 Battery pl, New York.  
 Miller, Fred R., Blank Book Co., pads, Williamsport, Pa.  
 Miller Furnace Co., Grand Rapids, Mich.  
 Miller, G. A., contractor, Tampa, Fla.  
 Miller, G. L., cooperage stock, Java, N. Y.  
 Miller, G. W., Shingle Co., lumber, Acme, Wash.  
 Miller, Geo. B., architect, Grand Rapids, Wis.  
 Miller, Geo. H., architect, Bloomington, Ill.  
 Miller, Geo. H., landscape architect, 6 Beacon, Boston, Mass.  
 Miller, Geo. H., masons' & bldrs.' matls., Grand Rapids, Ohio.  
 Miller, Geo. H., motor boat bldrs., Patchogue, N. Y.  
 Miller, Geo. L., architect, 13 S. 3d av, Mount Vernon, N. Y.  
 Miller, Geo. T., contractor, Lebanon, Ind.  
 Miller & Gleason, carriages, Newport News, Va.  
 Miller & Graham, enamels, paints, etc., 21 S. Gay, Baltimore, Md.  
 Miller, H. A., architect, Pittsburgh Bldg., St. Paul, Minn.  
 Miller, H. A., & Co., lumber, Williamsport, Pa.  
 Miller, H. C., machsts., Waterford, N. Y.  
 Miller, H. M., architect, Roanoke, Va.  
 Miller, H. N., brick, Pleasantville, Ohio.  
 Miller, H., & Sons Co., contractors, Center & La Place, Pittsburgh, Pa.  
 Miller & Hall, architects, 204 Karlov av, Chicago, Ill.  
 Miller, Harry A., Mfg. Co., piston rings, Los Angeles, Cal.  
 Miller, Harry E., architect, Law Bldg., Indianapolis, Ind.  
 Miller & Hart, meat packers, Union Stock Yards, Chicago, Ill.



- Miller, Hy., steam & hot water hgtg. contr., 384 E. 144th, New York.
- Miller, Hy. F., & Sons Piano Co., 395 Boylston, Boston, Mass.
- Miller, Hy. R., cornices, Easton, Pa.
- Miller & Herlocker, machsts., Los Angeles, Cal.
- Miller, Herman, architect, Crozer Bldg., Philadelphia, Pa.
- Miller & Hoy Mfg. Co., galvanized steel tanks, Kendallville, Ind.
- Miller, Hugo V., architect, M. & M. Bk. Bldg., Milwaukee, Wis.
- Miller Improved Gas Engine Co., Springfield, Ohio.
- Miller Incline Truck Co., 561 W. 57th, New York
- Miller, Isaac J., cornices, 1926 S. Colorado, Philadelphia, Pa.
- Miller, J., cornices, Allentown, Pa.
- Miller, J. A., brick, Bascom, Ohio.
- Miller, J. A., & Bro., cornices, 427 N. Ashland, Chicago, Ill.
- Miller, J. B., architect, Lincoln, Neb.
- Miller, J. B., Keyless Lock Co., Kent, O.
- Miller, J. D., mach'y dlr., 39 Cortlandt, New York.
- Miller, J. D. & J. L., flour mills, Millersburg, Ohio.
- Miller, J. E., & Co., carriages, Columbus, Ga.
- Miller, J. E., & Co., cutters, 330 W. Kinzie, Chicago, Ill.
- Miller, J. F., & Bro., common brick, Bellingham, Wash.
- Miller, J. H., contractor & sash, door & blind mfr., North Vernon, Ind.
- Miller, J. Henry, Inc., contractor, cor. Eutaw & Franklin, Baltimore, Md.
- Miller, J. L., granite, S. Quincy, Quincy, Mass.
- Miller, J. M., architect, Leader-News Bldg., Cleveland, Ohio.
- Miller, J. M., flour mills, Ronceverte, W. Va.
- Miller, J. R., architect, Lick Bldg., San Francisco, Cal.
- Miller, J. W., Co., incubators & brooders, Rockford, Ill.
- Miller, J. Walter, Co., hardware mfrs., Lancaster, Pa.
- Miller, Jacob, carriages, Palmyra, Pa.
- Miller, Jas. G., Lumber Co., 11 S. La Salle, Chicago, Ill.
- Miller, Jas. S., powder mfrs., Summeytown, Pa.
- Miller, John, contractor, 1543 Knox, Cincinnati, O.
- Miller, John, lumber, Rochester, N. Y.
- Miller, John A., ale beer pumps, 600 Bergen av, New York.
- Miller, John K., Co., cornices & skylights, Seattle, Wash.
- Miller, John Lawson, architect, Goebel Bldg., Detroit, Mich.
- Miller, Jno., Saddlery Co., Louisville, Ky.
- Miller, John W., & Son, contractors, Alliance, O.
- Miller, Jos. A., architect, Ashland blk, Chicago, Ill.
- Miller, Jos., & Sons, lbr. & masons' & bldrs.' matls., Peoria, Ill.
- Miller, Judson J., & Son, contrs., Syracuse, N. Y.
- Miller, Julius W., machsts., So. Norwalk, Conn.
- Miller, L. J., agricultural implements, 1421 State av, Cincinnati, O.
- Miller, L. L., landscape architect, 143 Liberty, New York.
- Miller, L. Z., contractor, Akron, Pa.
- Miller-Lampert Co., masons' & bldrs.' matls., Iowa Falls, Ia.
- Miller Light & Fixture Co., 815 Gratiot av, Detroit, Mich.
- Miller Lighting Co., acetylene gas machines, Detroit, Mich.
- Miller Lightning Rod Co., 3d & Geyer av, St. Louis, Mo.
- Miller Lime & Cement Co., Alton, Ill.
- Miller-Link Lumber Co., Orange, Tex.
- Miller Lock Co., mfrs., 4523 Tacony, Philadelphia, Pa.
- Miller, Louis, common brick, Highland, Ill.
- Miller, Louis E., machsts. & fndrs., Houston, Tex.
- Miller Lumber Co., 893 Eagle, Buffalo, N. Y., & Marianna, Ark.
- Miller Lbr. Co., sash, door & blind mfrs., Appleton, Wis.
- Miller, Lyman M. (Est. of), varnish, Chelsea, Mass.
- Miller & McLean, mill & facty. supplies, 120 Liberty, New York.
- Miller, M. E., architect, Vermont Bldg., Salt Lake City, Utah.
- Miller, M. E., contractor, New Castle, Pa.
- Miller Mach. & Mould Works, Columbus, Ohio.
- Miller & Mallory, architects, 139 E. State, Ithaca, N. Y.
- Miller Mfg. Co., handles, Hicksville, O.
- Miller Mfg. Co., oils, soap, etc., 668 Eddy, Providence, R. I.
- Miller Mfg. Co., refrigerators, 1105 Pine, St. Louis, Mo.
- Miller Mfg. Co., sash, door & blind mfrs., Richmond, Va.
- Miller Mfg. Co., spark plugs, Peekskill, N. Y.
- Miller, Mark P., Milling Co., flour, Moscow, Idaho.
- Miller & Martin, architects, Title Guarantee Bldg., Birmingham, Ala.
- Miller, Martin C., architect, Mutual Life Bldg., Buffalo, N. Y.
- Miller & Mayo, architects, Fidelity Bldg., Portland, Me.
- Miller & Morrow, machsts., Sunnyside, Wash.
- Miller, N. C., & Son, hay loaders, Dodgeville, Wis.
- Miller, N. H., canned goods, Pleasantville, Ohio.
- Miller, Nathan, & Sons, Ltd., steam fitters' supps., Fall River, Mass.
- Miller, O. A., Slate Co., Slatington, Pa.
- Miller, O. A., Treering Machine Co., Brockton, Mass.
- Miller Organ & Piano Co., Lebanon, Pa.
- Miller, Orville J., machsts. & fndrs., Bergen, N. Y.
- Miller Pasteurizing Machine Co., Canton, Ohio.
- Miller & Piehl, lumber & masons' & bldrs.' materials, Seymour, Wis.
- Miller-Reed Co., contractors, 103 Park av, New York.
- Miller & Rellium Co., harrows (toothless), College Corner, Ohio.
- Miller Rubber Co., tires, druggists' sundries, etc., Akron, Ohio.
- Miller, S. E., contractor, Connorsville, Ind.
- Miller, S. W., Piano Co., Sheboygan, Wis.
- Miller Safe Co., Fremont av & Briscoe, Baltimore, Md.
- Miller Saw-Trimmer Co., mchy., Point Bldg., Pittsburgh, Pa.
- Miller & Short, lumber, Cle Elum, Wash.
- Miller & Smith, carriages, Sidney, Ohio.
- Miller & Son, architects, Dollar Savings Bk. Bldg., Youngstown, Ohio.
- Miller & Stein, wholesale hardware, Wheeling, W. Va.
- Miller Storage Battery Co., Toledo, Ohio.
- Miller Supply Co., masons' & bldrs.' matls., mill & facty supplies & who. hdwe., Huntington, W. Va.
- Miller, T. B., Co., masons' & bldrs.' matls., Summit, N. J.
- Miller, T. C., & Son, fertilizer mfrs., Lula, Ga.
- Miller, T. Frank, architect, 1012 Walnut, Philadelphia, Pa.
- Miller, T. M., flour mills, Ben Franklin, Tex.
- Miller, T. M., Co., coffins, caskets, etc., Scranton, Pa.
- Miller, T. T., Hardware Co., 30 N. 4th, Easton, Pa.
- Miller, Theo., Mfg. Co., manicure sets & files, 55 Duane, New York.
- Miller, Thos. C., mach'y dlr., 78 Bible House, New York.
- Miller, Thomas D., canned goods, Havre de Grace, Md.
- Miller, Thos. E., contractor, Youngstown, O.
- Miller, Thompkins & Co., paper bags, 485 Washington, New York.
- Miller Trolley Shoe Co., 15 Elkins, Boston, Mass.
- Miller-Ullen Carter Hardware Co., Dexter, Mo.
- Miller & Van Winkle, mfrs. of all kinds of springs, 18 Bridge, Brooklyn, N. Y.
- Miller, W. A., & Son, fertilizer mfrs., Lynchburg, Va.
- Miller, W. B., & Co., lumber, Salisbury, Md.
- Miller, W. B., & Son, wholesale hardware, contractors & machinists' tools & mill factory supplies, Springfield, Ill.
- Miller, W. C., & A. N., contrs., Bond Bldg., Washington, D. C.
- Miller, W. E., phosphorum copper, 17 State, New York.
- Miller, W. H., cornices & skylights, Galveston, Tex.
- Miller, W. H., machst. & fndr., Bridgewater, Va.
- Miller, W. H., & Son, flour mills, Warm Springs, Va.
- Miller, W. H., & Sons, masons' & bldrs.' matls., Madison, Ind.
- Miller, W. J., architect, 417 Market, San Francisco, Cal.
- Miller, W. L., contractors, 166 Devonshire, Boston, Mass.
- Miller, W. R., Co., furnaces, House Bldg., Pittsburgh, Pa.
- Miller, W. W., Saddletree Co., Madison, Ind.
- Miller Wagon Co., Edina, Mo.
- Miller Waste Mfg. Co., Snyder & Swanson, Philadelphia, Pa.
- Miller, Wm. A., Elevator Mfg. Co., 9th & Victor, St. Louis, Mo.
- Miller, Wm., Co., wool combs, 228 Aborn, Providence, R. I.
- Miller, Wm. G., contractor, 16 Bedford av, Brooklyn, N. Y.
- Miller, Wm. L., dock bldrs., Charlestown, Boston, Mass.
- Miller, Wm. P., architect, 52 Vanderbilt av, New York.
- Miller, Wm. P., Co., lubricating oils, 2316 S. Wabash av, Chicago, Ill.
- Miller, Wm. P., Co., oils, machsts. & fndrs., 250 Greene, Brooklyn, N. Y.
- Miller, Wm., Range & Furnace Co., 7th & B'way, Cincinnati, O.
- Miller, William S., contractor, Harrisburg, Pa.
- Miller, Wm., & Sons Co., contrs., 530 Fernando, Pittsburgh, Pa.
- Miller, Wm. W., machst., Shillington, Pa.
- Miller Wire Cloth Co., weavers of sieve & strainer cloth, 70 Commercial, Worcester, Mass.
- Miller Wire Spring Department Bridgeport Chain Co., wire springs of all kinds, mfrs., 964 Crescent av, Bridgeport, Conn.
- Miller's, A. B., Sons, machsts. & fndrs., Stonington, Conn.
- Millers Falls Co., electricians' drills, Millers Falls, Mass.
- Millers Falls Co., machsts. & fndrs., 28 Warren, New York.
- Millers Falls Paper Co., Millers Falls, Mass.
- Millers', H. J., Sons, nail mill mchy., Bridgewater, Mass.
- Miller's, J. F., Sons, carriages, Vincennes, Ind.
- Miller's, M. J., Sons, gin distillers, Western Port, Md.
- Millers & Ritzell, canned goods, Westover, Md.
- Millersburg Brick & Tile Co., Millersburg, Ohio.
- Millersburg Fifth Wheel Co., Millersburg, Pa.
- Millersburg Fdry. & Machine Works, Millersburg, Ohio.
- Milles, C. H., Fdry. Co., castings, 2443 W. 21st pl, Chicago, Ill.
- Millett Core Oven Co., Springfield, Mass.
- Milleville Bros., cornices, 679 Kercheval av, Detroit, Mich.
- Millgard, D., & Co., marble interior work, Colfax, Wash.
- Millhiser Bag Co., Richmond, Va.
- Millholland, W. K., Machine Co., lathes & screw machines, Indianapolis, Ind.
- Millhouse Bros. & Co., hardware, wholesale, Galena, Ill.
- Milliard, Julian, architect, Altoona, Pa.
- Milligan, Chas., architect, Wilson, Wood & Roes, Pittsburgh, Pa.
- Milligan Hardware & Supply Co., East Liverpool, O.
- Milligan & Higgins Glue Co., 222 Front, New York.
- Milligan & Nesbitt, masons' & bldrs.' matls., Seattle, Wash.
- Milligan & Webber, architects, 520 Walnut, Philadelphia, Pa.
- Millikan, Lynn B., Inc., contractor, Lemcke Bldg., Indianapolis, Ind.
- Milliken, B. F., & Son, tin plate, etc., Eastport, Me.
- Milliken Bros., steel structural work, 111 B'way, New York, & West New Brighton, N. Y.
- Milliken-Kellam Co., screens, Newton, N. J.
- Milliken, L. W., & Son, mill facty. supplies, Franklin, Mass.
- Milliken Mach. Works, turret heads, West Newton, Mass.
- Milliken Refining Co., petroleum & its products, Merchants' Exch. Bldg., St. Louis, Mo.
- Millington & Bradshaw, machsts., 69 N. J. R. R. av, Newark, N. J.
- Millinocket Fndry. & Mach. Co., Millinocket, Me.
- Milliron Bros., brick tile, Attica, O.
- Millken, H. O., architect, 331 Madison av, New York.



- Millmade Const. Co., portable houses, 548 Water, Portland, Ore.  
 Millman, L. N., Stoll Bldg., Troy, N. Y.  
 Millman, S. & Son, architects, 1780 Pitkin av, Brooklyn, N. Y.  
 Millner, Frank, scrap iron, Trenton, N. J.  
 Millott, Henry C., architect, Sandusky, O.  
 Mills, A. D., lumber, Rauer, Ala.  
 Mills, Andrew & Sons, tent contr., flag mfrs., yacht sails, etc., 53 South, New York.  
 Mills Bros., masons' & bldrs.' matls., Carbondale, Pa. & Springfield, Ohio.  
 Mills, C. E., Oil Co., Syracuse, N. Y.  
 Mills-Carleton Co., lbr., 1886 Carter rd, N. W., Cleveland, Ohio.  
 Mills & Co., granite, Montpelier, Vt.  
 Mills-Ellsworth Co., automobiles, poles & shafts, Keokuk, Ia.  
 Mills, Elmer D., stone prod., Far Rockaway, N. Y.  
 Mills, Eugene D., brick, Hartford, Conn.  
 Mills, G. A. & Son, contractors, Benton Harbor, Mich.  
 Mills, Geo. A., architect, Morristown, N. J.  
 Mills, Geo. A., Woodworking Co., sashes, doors & blinds, Morristown, N. J.  
 Mills, H. E., Mfg. Co., core compounds, Syracuse, N. Y.  
 Mills, H. W. & Co., whol. hdwe., mill, facty. & steam fitters' supplies, 59 Washington, Paterson, N. J.  
 Mills, Herbert L., mill & facty. supplies, New Britain, Conn.  
 Mills, I. J., & Sons, rice mills, Fenton, La.  
 Mills Iron Wks., 927 N. Main, Los Angeles, Cal.  
 Mills, J. C., Co., architect'l decorators, 44 Clinton, Bklyn, N. Y.  
 Mills, J. Layng, architect, 15 E. 40th, New York.  
 Mills, Jos. E., & Son, architects, Kresge Bldg., Detroit, Mich.  
 Mills, L. H., Co., steam fitters' supplies, Bridgeport, Conn.  
 Mills & Lupton, mill & facty. supplies, Chattanooga, Tenn.  
 Mills, Lyman D., Co., steam fitters' supplies, Middleton, Conn.  
 Mills & McClintock, steam fitters' supplies, Haverhill, Mass.  
 Mills Machine Co., Lawrence, Mass. & Vanburen, Ind.  
 Mills Mfg. Co., savers (gasoline fuel), Sabina, Ohio.  
 Mills, N. Lumber & Mfg. Co., sash, door & blind, St. Clair, Mich.  
 Mills Novelty Co., machsts. & fndrs., 221 S. Green, Chicago, Ill.  
 Mills & Ott, sash, door & blind mfrs., 216 George, Cincinnati, O.  
 Mills, R. C., advtg. nov. & spec., 525 Market, San Fran., Cal.  
 Mills, Rhines, Bellman & Nordoff, architects, Ohio Bldg., Toledo, & Schofield Bldg., Cleveland, Ohio.  
 Mills, Thos. & Bro., bakers & confec. machy., Thompson & 8th, Phila., Pa.  
 Mills & Van Kirk, architects, Harrison Bldg., Phila., Pa.  
 Mills, W. H., architect, Chemical Bldg., St. Louis, Mo.  
 Mills, W. J., brass & bronze fndrs. & machsts., 198 Roebling, Brooklyn, N. Y.  
 Mills, Wilbur T., Co., architects, 65 E. Long, Columbus, Ohio.  
 Mills Woven Cartridge Belt Co., Worcester, Mass.  
 Millsap, G. S., lumber, Winder, Ga.  
 Milltown Lumber Co., Milltown, Ga.  
 Milltown Mfg. Co., chemicals, Milltown, N. J.  
 Millville Bottle Wks., glass, Millville, N. J.  
 Millville Mfg. Co., cotton sheetings, 626 Chestnut, Phila., Pa.  
 Milmine, H. B., & Co., machsts., Toledo, Ohio.  
 Milmo, Alex. J., contractor, 83 Littleton av, Newark, N. J.  
 Milne, A., & Co., iron & steel imp., 741 Washington, New York.  
 Milne, Alex., granite, Barre, Vt.  
 Milne Alexander, contractor, Plainfield, N. J.  
 Milne Bros. Co., lbr. mfrs. & who. dls., 18 B'way, New York.  
 Milne & Chalmers, granite, S. Quincy, Quincy, Mass.  
 Milne & Hector, granite, S. Quincy, Quincy, Mass.  
 Milne Mfg. Co., agricultural implements, Monmouth, Ill.  
 Milne Wm. Granite Co., Barre, Vt.  
 Milner B. C. & Sons Co., contrs. Louisville, Ky.  
 Milner Warren H. & Co., architects, Haight Bldg., Seattle, Washington.  
 Milnes Jno. Co., contractors, Richmond av, Port Richmond, N. Y.  
 Milnor & Goodman, steel imp., 17 Bridge, New York.  
 Milone Constr. Co., 800 Broad, Newark, N. J.  
 Milstead Mfg. Co., cotton duck & canvas, Milledge, Ga.  
 Miltenberg Emil, ivory imprtrs, 563 B'way, New York.  
 Miltiplex Display Fix. Co., 918 N. 10th, St. Louis, Mo.  
 Milton Boat Wks., dry docks, Rye, N. Y.  
 Milton Brick Co., Milton, Pa.  
 Milton Chemical Co., dustless floor mfrs. & dustless dust cloths, 156 Sixth, Cambridge, Mass.  
 Milton Cork Co., 42 Wilson, Brooklyn, N. Y.  
 Milton Fertilizer Co., Milton, Del.  
 Milton Leather Board Co., Milton, N. H.  
 Milton Mfg. Co., carriages, Milton, Ind.  
 Milton Mfg. Co., rolling mill, Milton, Pa.  
 Milton Mill Co., flour, Milton, N. C.  
 Milton Piano Co., 772 12th av, New York.  
 Milton S. G. & Son, cranes machinery, Franklin, Pa.  
 Milton W. H., fertilizer mfr., Marianna, Fla.  
 Milwain Bros., architects, Albany Bldg., Oakland, Cal.  
 Milwaukee Aluminum & Brass Fndry. Co., 295 Reed, Milwaukee, Wis.  
 Milwaukee Auto. Engine & Supply Co., 706 Winnebago, Milwaukee, Wis.  
 Milwaukee Auto. Specialty Co., 711 Chestnut, Milwaukee, Wis.  
 Milwaukee Bag Co., paper bags, 206-220 S. Water, Milwaukee, Wis.  
 Milwaukee Bedding Co., 292 4th, Milwaukee, Wis.  
 Milwaukee Boiler Co., 220 Oregon, Milwaukee, Wis.  
 Milwaukee Brass Mfg. Co., 251 Lapham, Milwaukee, Wis.  
 Milwaukee Brewers' Specialty Co., 116 Huron, Milwaukee, Wis.  
 Milwaukee Bridge Co., steel structural work, 1400 34th, Milwaukee, Wis.  
 Milwaukee Bronze Casting Co., 119 Clinton, Milwaukee, Wis.  
 Milwaukee Building Co., Wright & Callender Bldg., Los Angeles, Cal.  
 Milwaukee Bldg. Supply Co., masons' & bldrs.' matls., Pabst Bldg., Milwaukee, Wis.  
 Milwaukee Button Co., 710 Merrill blvd., Milwaukee, Wis.  
 Milwaukee Casket Co., 54 15th, Milwaukee, Wis.  
 Milwaukee Chair Co., 3022 Center, Milwaukee, Wis.  
 Milwaukee Coke & Gas Co., coke mfrs., 1st Nat'l Bank, Milwaukee, Wis.  
 Milwaukee Corrugating Co., sheet metal building products, 36th & Burnham, Milwaukee, Wis.  
 Milwaukee Counter Co., 246 Pearson, Milwaukee, Wis.  
 Milwaukee Die Casting Co., 297 4th, Milwaukee, Wis.  
*See adv index at end of book.*  
 Milwaukee Dry Dock Co., ft. Mineral, Milwaukee, Wis.  
 Milwaukee Dustless Brush Co., 122 Sycamore, Milwaukee, Wis.  
 Milwaukee Elec. Crane & Mfg. Co., 60th & Greenfield av, Milwaukee, Wis.  
 Milwaukee Electric Ry. & L. Co., Public Service Bldg., Milwaukee, Wis.  
 Milwaukee Falls Lime Co., Milwaukee, Wis.  
 Milwaukee Flush Valve Co., 70 W. Water, Milwaukee, Wis.  
 Milwaukee Fndry. Supply Co., Milwaukee, Wis.  
 Milwaukee Gas & Elec. Fixture Co., 1010 Fond du Lac, Milwaukee, Wis.  
 Milwaukee Gas Light Co., 182 Wisconsin, Milwaukee, Wis.  
 Milwaukee Gas Specialty Co., lighters, 133 2nd, Milwaukee, Wis.  
 Milwaukee General Construction Co., 857 8th av, Milwaukee, Wis.  
 Milwaukee Gummed Label & Seal Co., labels (gummed & plain), 161 Michigan, Milwaukee, Wis. *See adv index at end of book.*  
 Milwaukee Hay Tool Co., agr. imp. mfrs., Layton Park, Milwaukee, Wis.  
 Milwaukee Heater Mfg. Co., 458 11th av, Milwaukee, Wis.  
 Milwaukee Lace Paper Co., 050 Lee, Milwaukee, Wis.  
 Milwaukee Leather Belting Co., 146 W. Water, Milwaukee, Wis.  
 Milwaukee Locomotive Mfg. Co., ft. Bellevue pl., Milwaukee, Wis.  
 Milwaukee Machy. Co., 3015 Walnut, Milwaukee, Wis.  
 Milwaukee Malleable & Grey Iron Wks., Layton Pk., Milwaukee, Wis.  
 Milwaukee Metal Working Co., sheet metal stampings, 383 Clinton, Milwaukee, Wis.  
 Milwaukee Mirror, Art & Glass Wks., 203 B'way, Milwaukee, Wis.  
 Milwaukee Motor Sales Co., 1802 North av, Milwaukee, Wis.  
 Milwaukee Ornamental Carving Co., 423 Poplar, Milwaukee, Wis.  
 Milwaukee Piano Mfg. Co., 183 3d, Milwaukee, Wis.  
 Milwaukee Refrigerator Transit & Car Co., ft. Wash'n rd., Milwaukee, Wis.  
 Milwaukee Reliance Boiler Wks., 1102 32d, Milwaukee, Wis.  
 Milwaukee River Canning Co., Thiensville, Wis.  
 Milwaukee Sand & Gravel Co., 779 N. Water, Milwaukee, Wis.  
 Milwaukee Seat & Tank Co., Milwaukee, Wis.  
 Milwaukee Separator Mfg. Co., 247 Madison, Milwaukee, Wis.  
 Milwaukee Shaper & Transmission Appliance Co., Milwaukee, Wis.  
 Milwaukee Sidewalk Co., Matthews' Bldg., Milwaukee, Wis.  
 Milwaukee Soap Co., 539 2d av, Milwaukee, Wis.  
 Milwaukee Stamping Co., trunk & bag hdwe. mfrs., West Allis, Wis.  
 Milwaukee Steel Fndry. Co., 101 S. Water, Milwaukee, Wis.  
 Milwaukee Steel Post Co., 510 Iron Bldg., Milwaukee, Wis.  
 Milwaukee Stove & Heater Wks., 100 W. Water, Milwaukee, Wis.  
 Milwaukee Structural Steel Co., 19th & St. Paul av, Milwaukee, Wis.  
 Milwaukee Tack Co., 27 & Wahl av, Milwaukee, Wis.  
 Milwaukee Talking Mach. Mfg. Co., 416 4th, Milwaukee, Wis.  
 Milwaukee Tallow & Grease Co., Vogels' Island, Milwaukee, Wis.  
 Milwaukee Tank Wks., 156 Clinton, Milwaukee, Wis.  
 Milwaukee Vacuum Machy. Co., 195 B'way, Milwaukee, Wis.  
 Milwaukee Valve Co., 139 Barrell, Milwaukee, Wis.  
 Milwaukee Vault & Elec. Cabinet Box Co., 521 Market, Milwaukee, Wis.  
 Milwaukee Wood Preserving Co., Milwaukee, Wis.  
 Milwaukee Woven Wire Wks., 3014 Clarke, Milwaukee, Wis.  
 Milwood White Sand Co., Jackson, O.  
 Mimbres Valley Growers' & Canners' Assn., canned goods, Handale, N. Mex.  
 Mims A. & Co., wholesale hardware, Cattelletsburg, Ky.  
 Minard Run Chemical Co., Degolia, Pa.  
 Minaret Mills, hair cloth mfrs., Cambria & Ormes, Phila., Pa.  
 Minch John E., fertilizer mfrs., Bridgeton, N. J.  
 Minckler P. K., cornices & skylights, Seattle, Wash.  
 Minco Mill & Grain Co., flour, Minco, Okla.  
 Mindeleff Victor, architect, 2900 Tunlow rd, Washington, D. C.  
 Minden Cotton Oil & Ice Co., Minden, La.  
 Minden Lumber Co., Minden, La.  
 Mine & Mill Supply Co., Mulberry, Fla.  
 Mine & Smelter Supply Co., 42 B'way, New York.  
 Mineola Mill Co., lumber, Mineola, Ga.



- Mineola Naval Stores Co., Mineola, Ga.  
 Miner B. C. & Sons Co., contractors, Louisville, Ky.  
 Miner Bros., lumber, Carter, Wis.  
 Miner Co., contractors, Richland Center, Wis.  
 Miner Edgar Co., wood alcohol, chemicals, clays, etc., 52-60 Warren, Brooklyn, N. Y.  
 Miner Edward F. Building Co., contrs., 25 Foster, Worcester, Mass.  
 Miner F. W., machinist, Newport, Wash.  
 Miner & Frees, lumber mfrs., Bethany, Mo.  
 Miner J. H. Saw Mfg. Co., Lumberton, Miss.  
 Miner & Peck Mfg. Co., machinists, New Haven, Conn.  
 Miner Stanley H., ties, poles, posts & lbr. mfrs., etc., 17 Battery pl., New York  
 Miner, Thos. T. W., acetylene gas & str. lamps, 821 Eagle av, New York  
 Miner, W. H., draw-bar attachments, etc., The Rookery, Chicago, Ill.  
 Mineral Lake Lumber Co., Tacoma, Wash.  
 Mineral Milling Co., flour, Mineral, Va.  
 Mineral Mining Co., Milwaukee, Wis.  
 Mineral Point Zinc Co., Marquette Bldg., Chicago, Ill.  
 Mineral Product Mfg. Co., ores, tungsten, tungstic acid, etc., Equitable Bldg., Wilmington, Del.  
 Mineral Products Co., tanks, refrigerator linings & laundry tubs, Rhineland, Wis.  
 Mineral Ridge Mfg. Co., mchsts. & fndrs., Mineral Ridge, Ohio.  
 Mineral Electric Co., conduit hangers, insulating compounds, pins, time switches, etc., 1045 Washington blvd, Chicago, Ill.  
 Miners' Foundry & Supply Co., Nevada City, Cal.  
 Miners' Supply Co., miners' squibs, St. Clair, Schuylkill Co., Pa.  
 Minerva Mfg. Co., hardware, Minerva, O.  
 Minerva Motor Car Co., 1896 B'way, New York.  
 Minford Ribbon & Carbon Co., 444 Pearl, New York  
 Minglehoff & Co., boilers, Savannah, Ga.  
 Mingo & Bailey, granite producers, Red Beach, Me.  
 Mingst, C. P., tool holders, Evansville, Ind.  
 Mingus & Rutter, lumber, Franklin Bank Bldg., Phila., Pa.  
 Miniature Storage Battery Co., Niagara Falls, N. Y.  
 Minier Bros., lumber, Nebo, Ill.  
 Mining Safety Device Co., Bowerston, O.  
 Minkin Bros., contractors, Omaha, Neb.  
 Minks, Richard, architect, 290 Hoyt, Buffalo, N. Y.  
 Minneapolis Baby Carriage Co., 1901 Nicollet av, Minneapolis, Minn.  
 Minneapolis Bedding Co., E. Henn. av & S. E. 5th, Minneapolis, Minn.  
 Minneapolis Brass & Iron Mfg. Co., 115 N. 9th, Minneapolis, Minn.  
 Minneapolis Brick & Supply Co., Plym Bldg., Minneapolis, Minn.  
 Minneapolis Bridge Co., Metropolitan Life Bldg., Minneapolis, Minn.  
 Minneapolis Cereal Co., 7th Lincoln Bldg., Minneapolis, Minn.  
 Minneapolis Crucible Steel Co., 38th av, N. E., & 5th, Minneapolis, Minn.  
 Minneapolis Desk Mfg. Co., Minneapolis, Minn.  
 Minneapolis Electric & Const. Co., 112 S. 7th, Minneapolis, Minn.  
 Minneapolis Furniture Co., 6th av & S. E. 9th, Minneapolis, Minn.  
 Minneapolis Gas Fixture Co., 814 Hennepin av, Minneapolis, Minn.  
 Minneapolis Heat Regulator Co., 2753 4th av, S., Minneapolis, Minn.  
 Minneapolis Iron Store Co., 204 N. 2d, Minneapolis, Minn.  
 Minneapolis Lbr. Co., 943 Lbr. Ex., Minneapolis, Minn.  
 Minneapolis Office & School Furniture Co., 801 S. E. 8th, Minneapolis, Minn.  
 Minneapolis Ornamental Iron Co., 143 27th av, S. E., Minneapolis, Minn.  
 Minneapolis Paper Co., 4th av, S. & 5th, Minneapolis, Minn.  
 Minneapolis Paving & Cement Brick Co., Minneapolis, Minn.  
 Minneapolis Roofing & Cornice Co., 1121 S. 7th, Minneapolis, Minn.  
 Minneapolis Sand Lime Brick Co., 307 Kasota, Minneapolis, Minn.  
 Minneapolis Sash & Door Co., 962 Central av, N. E., Minneapolis, Minn.  
 Minneapolis Separator Co., machsts., Minneapolis, Minn.  
 Minneapolis Steel & Machy. Co., 29th & Drexel, Minneapolis, Minn., & Felt Bldg., Salt Lake City, Utah.  
 Minneapolis Stone Co., silos, Filmore & 16th av, N. E., Minneapolis, Minn.  
 Minneapolis Threshing Machine Co., 226 N. 2d, Minneapolis, Minn.  
 Minneola Mfg. Co., cotton flannels, Gibsonville, N. C.  
 Minn. Billard Co., 1520 Buffum, Milwaukee, Wis.  
 Minn. Boiler Compound Co., 248 Fairfield av, St. Paul, Minn.  
 Minn. Box Co., 827 Forest, St. Paul, Minn.  
 Minn. Chandelier Co., 369 Jackson, St. Paul, Minn.  
 Minn. Crushed Stone Co., 15th & Johnson, Minneapolis, Minn.  
 Minn. Elec. Co., conduit benders, 309 2d av, S., Minneapolis, Minn.  
 Minn. Fama Stonewood Co., 1704 Rondo, St. Paul, Minn.  
 Minn. Farmers Brick & Tile Co., Austin, Minn.  
 Minn. Fibre Co., flax & tow, Heron Lake, Minn.  
 Minn. Harness Factory, Winona, Minn.  
 Minn. Knitting Mills, sweaters, 514 St. Peter, St. Paul, Minn.  
 Minn. Kohl Casket Co., 722 Central av, Minneapolis, Minn.  
 Minn. Linseed Oil Co., 1101 S. 3d, Minneapolis, Minn.  
 Minn. Lumber Co., Albert Lea, Minn.  
 Minn. Mfis Ass'n, conveyors, N. St. Paul, Minn.  
 Minn. Mining & Mfg. Co., flint paper, 791 Forest, St. Paul, Minn.  
 Minn. Moline Plow Co., 401-7 N. 3d, Minneapolis, Minn.  
 Minn. & Ontario Power Co., Andrus Bldg., Minneapolis, Minn.  
 Minn. Pipe & Tile Co., Mankato, Minn.  
 Minn. Potato Starch Co., Anoka, Minn.  
 Minn. Roofing & Cornices Wks., 135 E. 12th, St. Paul, Minn.  
 Minn. Stove Co., Shakopee, Minn.  
 Minn. Tank Co., 1415 S. E. 8th, Minneapolis, Minn.  
 Minn. Tent & Awning Co., 15 W. 3d, St. Paul, Minn.  
 Minn. Valley Canning Co., Le Sueur, Minn.  
 Minn. Western Lumber Co., Bellingham, Wash.  
 Minnetonka Canning Co., St. Bonifacius, Minn.  
 Minnetonna Co., churns, Owatonna, Minn.  
 Minnich, D. B., contractor, Chambersburg, Pa.  
 Minnich Mach. Wks., Landisville, Pa.  
 Minnick-Gibbons Co., contractors, 5309 Prospect av, Cleveland, Ohio.  
 Minogue Bros. & Quinn, slate floor tile, Hydeville, Vt.  
 Minor Bros., contractors, 222 W. Pratt, Baltimore, Md.  
 Minor, C. E., contractor, Fairmont, W. Va.  
 Minor Firebrick Co., Empire, Ohio.  
 Minor, Henry B., architect, South Norwalk, Conn.  
 Minor, W. E., Disinfectant Co., 328 Champlain av, Cleveland, Ohio.  
 Minor, W. H., architect, Bowling Green, Ohio.  
 Minor, Wesley L., architect, 43 Tremont, Boston, Mass.  
 Minot Packing Co., Mechanic Falls, Me.  
 Minotola Glass Co., glass bottles, Minotola, N. J.  
 Minsinger Bros., contractors, Shingiss nr. Locust, Pittsburgh, Pa.  
 Minster Mach. Co., Minster, Ohio.  
 Minter, E. W., & Co., contractors, 115 B'way, New York.  
 Minter Mfg. Co., sash, door & blind mfrs., Bloomington, Ill.  
 Minton, Henry A., architect, 3480 Clay, San Francisco, Cal.  
 Minton, Richard, tubular boilers, 119 Sumner, E. B. Boston, Mass.  
 Minton, T. W., & Son, lumber, Barbourville, Ky.  
 Minton, Thos. F., contractors, 4 Hyde Park, Boston, Mass.  
 Minusa Cine Prod. Co., projection screens, Houser Bldg., St. Louis, Mo.  
 Minwax Co., acid proof paints, elastic cements, fire extinguishers, etc., 18 E. 41st, New York.  
 Minzing, Fred., brick, Delphos, Ohio.  
 Mion, C., marble wk., Atlanta, Ga.  
 Mion, P. Co., interior marble work, Atlanta, Ga.  
 Mione Mfg. Co., hand soap, Collingdale, Pa.  
 Miotke, Jos., machsts., 144 Clinton, Milwaukee, Wis.  
 Mirabile Contrg. Co., White Plains & Morris Pk. avs, New York.  
 Mirc's Fuel-Oil Equipment Co., oil furnace mfrs., Lancaster, Pa.  
 Mirror Mfg. Co., 356 W. B'way, New York.  
 Mirroscope Co., Waterloo rd, Cleveland, Ohio.  
 Miscampbell, H., lime hydrating machy., Duluth, Minn.  
 Misch, Otto, Co., contractors, Cham. of Com., Detroit, Mich.  
 Mischel, Geo. A., Sons, stone producers, Owensboro, Ky.  
 Mishawaka Machine Co., Mishawaka, Ind.  
 Mishawaka Woolen Mfg. Co., rubber goods, Mishawaka, Ind.  
 Mishler Mfg. Co., cloth mops, Smithville, Ohio.  
 Miskill, Edw. J., contractor, Hartford, Conn.  
 Missing Link Apple Co., canned, Clayton, Ill.  
 Missio, R. L., Brick & Supply Co., Memphis, Tenn.  
 Mission Fixture Co., elec. & gas light, 1100 S. Main, Los Angeles, Cal.  
 Mission Fdry. & Stove Works Treat av & 19th, San Francisco, Cal.  
 Mission Soap & Candle Wks., 18th & Harrison, San Francisco, Cal.  
 Mission Trunk Fcty., Los Angeles, Cal.  
 Missisquoi Lime Wks., High Gate Springs, Vt.  
 Missisquoi Pulp & Paper Co., Sheldon Springs, Vt.  
 Miss. Agricultural & Mech. Coll., Agricultural College, Miss.  
 Miss. Coal & Ice Co., masons' & bldrs.' matls., Keokuk, Ia.  
 Miss. Fdry. & Machine Co., Jackson, Miss.  
 Miss. Glass Co., Morgantown, W. Va.  
 Miss. L'br Co., Quitman & Vicksburg, Miss.  
 Miss. Pearl Button Co., Burlington, Ia.  
 Miss. Valley Constr. Co., De Menil Bldg., St. Louis, Mo.  
 Miss. Valley Mfg. Co., logging wagons, Quincy, Ill.  
 Miss. Valley Stove Wks., steel ranges, Fulton, Ill.  
 Miss. Wire Glass Co., glass mfrs., 220 5th av, New York.  
 Missoula Brick & Tile Co., Missoula, Mont.  
 Missoula Lbr. Co., Missoula, Mont.  
 Missoula Mercantile Co., Missoula, Mont.  
 Missouri Belting Co., Grand & La Salle, St. Louis, Mo.  
 Missouri Boiler & Sheet Iron Wks., stacks, tanks, etc., 23d & Paplin, St. Louis, Mo.  
 Missouri Brass Type Fdry. Co., 1620 W. 22d, St. Louis, Mo.  
 Missouri Bridge & Iron Co., Fullerton Bldg., St. Louis, Mo.  
 Missouri Chemical Wks., alkali mfrs., 4004 Duncan av, St. Louis, Mo.  
 Missouri Condensed Milk Co., canned, Kahoka, Mo.  
 Missouri Cotton Yarn Mfg. Co., 300 Lynch, St. Louis, Mo.  
 Missouri Engine Co., 2810 N. 11th, St. Louis, Mo.  
 Missouri Fire Brick Co., 411 Olive, St. Louis, Mo.



- Missouri Fire Door & Cornice Co., St. Louis, Mo.  
 Missouri Granite & Constr. Co., 3410 Gratiot av, St. Louis, Mo.  
 Missouri Hay Press Co., Moberly, Mo.  
 Missouri Iron Co., fndrs., La Salle Bldg., St. Louis, Mo.  
 Missouri Lamp & Mfg. Co., fire extinguishers, 114 Elm, St. Louis, Mo.  
 Missouri Lumber & Land Exchange Co., Long Bldg., Kansas City, Mo.  
 Missouri Lbr. & Mining Co., Grandin, Mo.  
 Missouri Malleable Iron Co., refrigerator car drs., E. St. Louis, Ill.  
 Missouri Mattress & Glove Mfg. Co., Cape Girardeau, Mo.  
 Missouri Meerschbaum Co., pipes (smoking), Washington, Mo.  
 Missouri Plate Glass Co., Valley Park, Mo.  
 Missouri Pottery & Mfg. Co., Kansas City, Mo.  
 Missouri Press Brick & Improvement Co., St. Louis, Mo.  
 Missouri School of Mines & Metallurgy, Rolla, Mo.  
 Missouri Stair Co., 4205 Forest Park blvd, St. Louis, Mo.  
 Missouri Tent & Awning Co., 208 Chestnut, St. Louis, Mo.  
 Missouri Valley Bridge & Iron Co., Leavenworth, Kans.  
 Missouri Valley Const. Co., contrs., 3rd Nat'l Bk. Bldg., St. Louis, Mo.  
 Missouri Water & Steam Supply Co., St. Joseph, Mo.  
 Missouri Zinc Co., Beckemeyer, Ill.  
 Mitcham, R. W., architect, Camden, S. C.  
 Mitchell, A., flour mills, Walkerton, Va.  
 Mitchell, A. H., contractor, La Crosse, Wis.  
 Mitchell, A. L., & Son, plumbers' washers, 1866 Atlantic av, Brooklyn, N. Y.  
 Mitchell Alfalfa Milling & Light Co., Mitchell, Neb.  
 Mitchell, Benj. F., architect, Seaboard Bk. Bldg., Norfolk, Va.  
 Mitchell-Bissell Co., mill & facty. supplies, 251 4th av, New York.  
 Mitchell Brick Co., Lawrenceburg, Ind., & Lower River rd, Delhi, Cincinnati, Ohio.  
 Mitchell Bros., contractors, 2125 Race, Phila., Pa., & Spokane, Wash.  
 Mitchell Bros., stone, Ogden, Utah.  
 Mitchell Bros. Co., lumber, Cadillac, Mich.  
 Mitchell, C. G., architect, Johnson City, Tenn.  
 Mitchell, C. H., Elev. Co., 4744 Byron, Chicago, Ill.  
 Mitchell, Chas. D., architect, Mitchell Bldg., Charleston, Ill.  
 Mitchell Clay Mfg. Co., brick, 5627 Manchester av, St. Louis, Mo.  
 Mitchell Co., tubular boilers, mchsts. & fndrs., 621 W. 34th, New York.  
 Mitchell Contrg. Co., 17 Battery pl, New York.  
 Mitchell County Fertilizer Co., Pelham, Ga.  
 Mitchell-Diggins Iron Co., blast furnaces, Cadillac, Mich.  
 Mitchell, Donald, contractor, 304 W. 53rd, New York.  
 Mitchell, E. S., contractor, 342 Center, Salt Lake City, Utah.  
 Mitchell, F. A., mill & facty. supplies, 20th & Callowhill, Philadelphia, Pa.  
 Mitchell, F. C., machsts., 714 S. Dearborn, Chicago, Ill.  
 Mitchell, F. O., & Bro., canned goods, Perryman, Md.  
 Mitchell Fertilizer Co., 26 S. Water, Providence, R. I.  
 Mitchell, G. F., & Son, stamping works, Cedar av, Cleveland, O.  
 Mitchell, G. L., machsts. & fndrs., Ellenburg, Wash.  
 Mitchell, H., cornices & skylights, Salt Lake City, Utah.  
 Mitchell, H. B., & Co., whol. hdwe., Emlenton, Pa.  
 Mitchell Hardware Co., Ashtabula, Ohio.  
 Mitchell Harness Co., Mitchell, S. D.  
 Mitchell, Isam, & Co., masons' & bldrs.' matls., Brockton, Mass.  
 Mitchell, J. D., fertilizer mfrs., Spring Valley, Ala.  
 Mitchell, J. E., masons' & bldrs.' matls., Glenolden, Pa.  
 Mitchell, J. H., contractor, Danville, Ill.  
 Mitchell, J. S., & Bro., canned goods, Aberdeen, Md.  
 Mitchell, J. S., & Sons, sash, door & blind mfrs., Beaver Falls, Pa.  
 Mitchell, J. W., lumber, Rinaldo, Ky.  
 Mitchell, J. W., & Roberts, contractors, Madison, Wis.  
 Mitchell, Jas. E., & Son, contractors, 332 W. 24th, New York.  
 Mitchell, Jas. J., contractor, Wilkes-Barre, Pa.  
 Mitchell, Jos. N., contractor, 4 S. Markoe, Philadelphia, Pa.  
 Mitchell, John, cornices & skylights, Helena, Mont.  
 Mitchell, John, machsts., 2224 Vine, Philadelphia, Pa.  
 Mitchell, John, Jr., & Co., plumbers' & steam fitters' supplies, 1000 Pennsylvania, Washington, D. C.  
 Mitchell, Jno. R., Co., machsts., 702 S. Washington, Baltimore, Md.  
 Mitchell-Lewis & Staver Co., mill & facty. supplies, E. Mar-  
 rison & E. 3rd, Portland, Ore.  
 Mitchell Lime Co., Allentown, Pa.  
 Mitchell, Louis M., architect, 19 S. La Salle, Chicago, Ill.  
 Mitchell, M., canned goods, Aberdeen, Md.  
 Mitchell Mfg. Co., barn equipments, cow stalls, stable fixtures  
 & cattle stanchions, Milwaukee, Wis.  
 Mitchell Mfg. Co., laces, Portsmouth, Ohio.  
 Mitchell & Moffet, packing box mfrs., 54 Crosby, New York.  
 Mitchell Motors Co., automobile mfrs., Racine, Wis.  
 Mitchell Moulding Co., 946 W. 21st, Chicago, Ill.  
 Mitchell, P. E., masons' & bldrs.' matls., Morrow, Pa.  
 Mitchell, P. R., Co., curled hair, Harrison & Spring Grove av,  
 Cincinnati, Ohio.  
 Mitchell Polishing Co., S. Quincy, Quincy, Mass.  
 Mitchell-Powers Hardware Co., Bristol, Tenn.  
 Mitchell, R. F. & G. H., canned goods, Aberdeen, Md.  
 Mitchell, Ralph M., canned goods, Aberdeen, Md.  
 Mitchell-Rand Mfg. Co., wax, paints, carbon brushes, etc., 99  
 John, New York.  
 Mitchell Reynolds Co., contractors, Binghamton, N. Y.  
 Mitchell, Robt., Furniture Co., 616 Race, Cincinnati, Ohio.  
 Mitchell, Rossel Edward, architect, Paul-Gale-Greenwood Bldg.,  
 Norfolk, Va.  
 Mitchell, Sam'l (Est. of), sash, door & blind mfrs., Yonkers,  
 N. Y.  
 Mitchell & Shank, flour mills, Timberville, Va.  
 Mitchell & Son, flour, Stoneville, N. C.  
 Mitchell & Son Co., Paper & pulp mjlls, Palmyra, Mich.  
 Mitchell & Sutherland, contractors, 166 Devonshire, Boston,  
 Mass.  
 Mitchell, T. C., architect, Salisbury, Md.  
 Mitchell-Tappen Co., contractors, 50 Broad, New York.  
 Mitchell-Tappen Co., steel plate wk., 17 John, New York.  
 Mitchell Vance Co., machsts. & fndrs., 507 W. 24th, New York  
 Mitchell, W. F., Co., contractors, Des Moines, Ia.  
 Mitchell, W. Garden, architect, Bankers Investment Bldg., San  
 Francisco, Cal.  
 Mitchell, W. H., masons' & bldrs.' matls., Morgantown, Ind.  
 Mitchell, W. I., lumber, 508 Penn av, Pittsburgh, Pa.  
 Mitchell, W. K., & Co., lap joints, separators, traps, etc., 2940  
 Ellsworth, Phila., Pa.  
 Mitchell Wheel Co., Miamisburg, Ohio.  
 Mitchell, Wm. A., fishing ods, 446 Canal, New York.  
 Mitchell, Wm. W., lumber, Stevens Point, Wis.  
 Mitermiller, A. S., architect, 1592 94th pl, N. E., Cleveland, O.  
 Mithoff, H., & Co., whol. hdwe., 284 S. High, Cleveland, Ohio.  
 Mithskun, M., Co., Machy. dlrs., Detroit, Mich.  
 Mitsui & Co. (Importers), china wood oils, crude rubber & anti-  
 mony, zinc dust, etc., 25 Madison av, New York.  
 Mittag & Volgar, carbon paper, Park Ridge, N. J.  
 Mittag, Frank B., architect, Kalamazoo, Mich.  
 Mitts & Merrill, special machinery, Saginaw, Mich.  
 Mix Stone Co., Schoharie, N. Y.  
 Mixer & Co., lbr., Prudential Bldg., Buffalo, N. Y.  
 Mixer, J. W., Saw Tool Co., machsts. & fndrs., Plymouth, Mass.  
 Mizner, Addison C., architect, 431 5th av, New York.  
 M. & M. Mfg. Co., rubber, Akron, Ohio.  
 Moab Canning Co., Moab, Utah.  
 Moate, J. M., fertilizer, Devereux, Ga.  
 Moatz, D. L., wood handles, Round Hill, Va.  
 Mobach Tool & Machine Mfg. Co., special tools, vises & contract  
 machine work, 26 Portland, Cambridge, Mass.  
 Moberg, C. J., die cast castings, Mount Vernon, N. Y.  
 Moberly Paving Brick Co., Moberly, Mo.  
 Mobile Coal Co., Mobile, Ala.  
 Mobile Dredge Sleeve & Vulcanizing Co., Mobile, Ala.  
 Mobile Foundry Co., Mobile, Ala.  
 Mobile Hoe & Rake Co., Mobile, Ala.  
 Mobile Pulley & Mach. Co., Mobile, Ala.  
 Mobile Stove & Pulley Co., Mobile, Ala.  
 Mobile Top Co., 62 Randolph, Detroit, Mich.  
 Mobley, G. W., machst., Waynesboro, Ga.  
 Mobridge Canning Co., Mobridge, S. D.  
 Mock, Isidor, contractor, 838 Flushing av, Brooklyn, N. Y.  
 Mock, Julius, & Sons, architect'l & ornament'l iron, 777 Rutland  
 rd, Brooklyn, N. Y.  
 Mockbee, C. M., & Co., guy clamps & wire rope clips, 816 E.  
 Pearl, Cincinnati, Ohio.  
 Mockbridge, Jas. D., carriages, Montclair, N. J.  
 Mockette Constr. Co., contractors, Camden, N. J.  
 Model Brass Fndry. Co., 411 Chicago, Buffalo, N. Y.  
 Model Carriage Co., Houston, Tex.  
 Model Generator Co., acet. gas machs., Louisville, Ky.  
 Model Glass Wks., glass bottles, Summitville, Ind.  
 Model Incubator Co., Buffalo, N. Y.  
 Model Knitting Wks., Salt Lake City, Utah.  
 Model Mach. Wks., Frankfort, Ind. & Trenton, N. J.  
 Model Machy. Co., Trenton, N. J.  
 Model Mfg. Co., sweaters, cardigans, etc., 442 B'way, New York.  
 Model Mill Co., flour, Johnson City, Tenn.  
 Model Milling & Elevator Co., Greeley, Colo.  
 Model Roller Mills Co., flour, Smiths Grove, Ky.  
 Model Sign Works, 9th & Venango, Philadelphia, Pa.  
 Model Tool & Gauge Co., specialists in gauges, jigs, fixtures,  
 dies & tools, etc., Bridgeport, Conn.  
 Modena Cotton Mill, Gastonia, N. C.  
 Modern Appliance Co., desk tele. brackets, 117 S. Clinton, Chi-  
 cago, Ill.  
 Modern Bag Co., packing machs., East Orange, N. J.  
 Modern Building Const. Co., 1407 W. Grand av, Chicago, Ill.  
 Modern Carriage Co., Seattle, Wash.  
 Modern Construction Co., Los Angeles, Cal., Whitney Bldg.,  
 Detroit, Mich.  
 Modern Die & Plate Press Mfg. Co., machsts. & fndrs., Belle-  
 ville, Ill.  
 Modern Die & Tool Co., 202 S. Penn, Indianapolis, Ind.  
 Modern Electric Co., Burlington, Ia.  
 Modern Elec. Fixture Co., 5317 Euclid av, Cleveland, Ohio.  
 Modern Electric & Machine Co., 936 Ft. Wayne av, Indian-  
 apolis, Ind.  
 Modern Engng. Co., oxy-acet. welding app., 14th & St. Charles,  
 St. Louis, Mo.  
 Modern Equipment Co., machy. dlrs., Savannah, Ga.



- Modern Fndry. Co., 4601 Marburg, Oakley, Cincinnati, Ohio.  
 Modern Htg. Co., 3935 Olive, St. Louis, Mo.  
 Modern Iron Works, Quincy, Ill.  
 Modern Laundry Equipment Co., 717 Sycamore, Cincinnati, Ohio.  
 Modern Laundry Mach. Co., 1907 Central, Kansas City, Mo.  
 Modern Mach. Tool Co., Albany, N. Y., & Jackson, Mich.  
 Modern Machy. Co., bottle washing & soaking machines, Wilmington, Del.  
 Modern Machy. Exchange, 52 Walker, New York.  
 Modern Mfg. Co., ironing boards, mats, swings, etc., Hagerstown, Md.  
 Modern Mfg. Co., stationers' spec., 543 N. Lawrence, Philadelphia, Pa.  
 Modern Milling & Mfg. Co., flour, Waxahachie, Tex.  
 Modern Pattern Co., wood & metal patterns & models, Springfield, Ohio. *See adv index at end of book.*  
 Modern Pen Co., fountain pen mfrs., 170 B'way, New York.  
 Modern Safety Gas Iron Co., 608 Arch, Philadelphia, Pa.  
 Modern Sales Co., harness, Hampton, Ia.  
 Modern Steel Struct. Co., machsts., Waukesha, Wis.  
 Modern Stove Co., Chicago Heights, Ill.  
 Modern Tool Co., machine shop tools, 500 State, Erie, Pa.  
**MODERN TOOL DIE & MACHINE CO. (THE)**, 216-220 N. 4th, Columbus, Ohio. *See adv index end of book.*  
 Modern Toy Co., 181 Belmont av, Brooklyn, N. Y.  
 Modern Wagon & Carriage Co., 1948 Papin, St. Louis, Mo.  
 Modern Window Glass Co., Salem, W. Va.  
 Modesto Repressed Brick Co., Modesto, Cal.  
 Modjeski & Angier, inspecting engrs., 220 S. Michigan av, Chicago, Ill.  
 Modjeski, Ralph, archt, engn., 220 S. Michigan av, Chicago, Ill.  
 Modoc Co., lubfg. oils, hand soap, etc., Fernwood, Pa.  
 Moeck & Redmon Basket Mfg. Co., Peru, Ind.  
 Moedinger's, Jno. M., Sons, stone producers, Lancaster, Pa.  
 Moeller, A. F., contractor, New Braunfels, Tex.  
 Moeller, Edw. H., architect, 394 Pearl, Buffalo, N. Y.  
 Moeller, John H., cooperage stock, Mount Vernon, Ind.  
 Moellering Construction Co., Fort Wayne, Ind.  
 Moellering's, Wm., Sons, masons' & bldrs.' matls., Fort Wayne, Ind.  
 Moen Casket & Furniture Co., Peterson, Minn.  
 Moench, C., Sons Co., machsts., Gowanda, N. Y.  
 Moers, E. M., Sons, scrap rubber, 183 South, New York.  
 Moeschl-Edwards Corrugating Co., cornices & port. fireproof garages, Covington, Ky., & 120 W. 9th, Cov., Cincinnati, O.  
 Moessner Building Co., Birmingham, Ala.  
 Moeszinger-Marquis Hardware Co., Clinton, Ia.  
 Moffat, Frank D., & Co., pig iron & coke dlrs., 81 Fulton, New York.  
 Moffat, H. R., & J., auto. crankshafts & iron forgings, Waterbury, Conn.  
 Moffat Paper Goods Co., plain envelopes, New Haven, Conn.  
 Moffatt Co., contractors, Des Moines, Ia.  
 Moffatt, L., masons' & bldrs.' matls., Mamaroneck, N. Y.  
 Moffatt Machinery Mfg. Co., Charlotte, N. C.  
 Moffet, C. W., contractor, 3008 4th av. S., Minneapolis, Minn.  
 Moffett & Mead, contractors, Monadnock Bldg., San Francisco, Cal.  
 Moffett & Stewart, architects, Camden, N. J.  
 Moffitt Iron Works Co., Sanford, N. C.  
 Moffitt, C. R., architect, Masonic Temple, Pittsburgh, & McKeesport, Pa.  
 Moffitt, Clare, architect, Nat'l Realty Bldg., Tacoma, Wash.  
 Moffitt, J. D., mast hoops, Scotland, Conn.  
 Mogadore Lumber & Supply Co., Mogadore, Ohio.  
 Moge, W. & D., telescopes, Plainfield, N. J.  
 Mogul Logging Co., lumber mfrs., Bellingham, Wash.  
 Mogul Metal Co., babbitt metal & die castings, 161 Larned, W., Detroit, Mich.  
 Mogul Motor Truck Co., auto. bldrs., 4125 Forest Park blvd., St. Louis, Mo.  
 Mogul Wagon Co., Hopkinsville, Ky.  
 Mohawk Brush Co., Industrial Bldg., Albany, N. Y.  
 Mohawk Condensed Milk Co., 71 Hudson, New York.  
 Mohawk Elec. Mfg. Co., fire alarms, 45 Lawrence, Newark, N. J.  
 Mohawk Mach. Shop, Fonda, N. Y.  
 Mohawk Refining Co., lubricating oils, 1187 W. 11th, Cleveland, Ohio.  
 Mohawk Rubber Co., Akron, Ohio.  
 Mohawk Silk Fabric Co., knitted gloves, Fultonville, N. Y.  
 Mohawk Valley Broom Co., Fonda, N. Y.  
 Mohawk Valley Mfg. Co., machsts., Oneida, N. Y.  
 Mohawk Valley Paper Co., Little Falls, N. Y.  
 Mohegan Granite Co., 101 Park av, New York.  
 Mohegan Stove Co., Peekskill, N. Y.  
 Mohegan Tube Co., tubing mfrs., Scott & Meserole, Brooklyn, N. Y. *See adv index at end of book.*  
 Mohican Pulp & Paper Co., Greenwich, N. Y.  
 Mohrlite Co., lighting fixtures, Urbana, Ohio.  
 Mohland & Co., machsts., Burlington, Ia.  
 Mohler Lumber Co., Lock Seven, W. Va.  
 Mohn, H., machsts. & fndrs., Lincoln, Ill.  
 Mohn, W. D., & Co., vise mfrs., Reading, Pa.  
 Mohney, C. L., contractor, 615 W. Diamond, Pittsburgh, Pa.  
 Mohr, C. F., masons' & bldrs.' matls., Portage, Wis.  
 Mohr, E. H., picks, mattocks, etc., Vera Cruz, Pa.  
 Mohr, Henry, Hardware Co. (wholesale), Tacoma, Wash.  
 Mohr, J. J., & Son, scrap iron & steel, Bullitt Bldg., Philadelphia, Pa.  
 Mohr, John F., stone producers, Saginaw, Mich.  
 Mohr, John, & Sons, blast furnaces, rotaries, sterilizers, tanks, cupolas, etc., 349 W. Illinois, Chicago, Ill.  
 Mohr-Jones Hardware Co., wholesale hardware, Kenosha, Wis.  
 Mohr, Oscar P., architect, Macheca Bldg., New Orleans, La.  
 Mohr, R., & Sons, optical goods, San Francisco, Cal.  
 Mohrlite Co., electrical fixtures, Urbana, Ohio.  
 Moland's, Wm., Sons, meat packers, 120 Market, Philadelphia, Pa.  
 Molby, Boiler Co., 101 Park av., New York.  
 Molby, E. C., down draft boilers, 101 Park av, New York.  
 Moline Automobile Co., East Moline, Ill.  
 Moline, C. H., stone producer, Waterloo, Ia.  
 Moline Fdry. Co., machsts. & fndrs., Moline, Ill.  
 Moline Furniture Wks., bank, office & store fix., Moline, Ill.  
 Moline Heating & Constr. Co., Moline, Ill.  
 Moline Malleable Iron Co., St. Charles, Ill.  
 Moline Plow Co., Moline, Ill.  
 Moline Pressed Steel Co., East Moline, Ill.  
 Moline Scale Co., machsts. & fndrs., East Moline, Ill.  
 Moline Stone Co., Moline, Ill.  
 Moline Tool Co., frog & switch drilling machs., Moline, Ill.  
 Moline Vacuum-Vapor Htg. Co., Moline, Ill.  
 Molino Canning Co., Molino, Fla.  
 Molitor, Chas., Machy. Co., 215 S. Clinton, Chicago, Ill.  
 Molitor, Jno., architect, 130 S. 15th, Philadelphia, Pa.  
 Molitor, Jos., architect, 167 W. Washington, Chicago, Ill.  
 Moll, Wm., clamps, pipe, 1660 Columbus rd, N. W., Cleveland, Ohio.  
 Mollenberg-Betz Mach. Co., 110 Washington, Buffalo, N. Y.  
 Mollenhauer Sugar Refining Co., Kent av, Brooklyn, N. Y.  
 Moller, M. P., organ mfrs., Hagerstown, Md.  
 Moller, R. W., contractor, 1634 California, San Francisco, Cal.  
 Moller & Schumann Co., enamels, lacquer & varnish mfrs., Marcy av, Brooklyn, N. Y.  
 Moller & Vanden Boom Lumber Co., Quincy, Ill.  
 Mollett, Chas., cornices, Champaign, Ill.  
 Mollineaux Bros., masons' & bldrs.' matls., Hempstead, N. Y.  
 Mollohon Mfg. Co., cotton sheetings, Newberry, S. C.  
 Moloch Stoker Co., 208 S. La Salle, Chicago, Ill.  
 Molohan, Dave, brick, Zenobia, Ill.  
 Moloney Belting Co., 301 W. Randolph, Chicago, Ill.  
 Moloney Electric Co., transformers, 7th & Hickory, St. Louis, Mo.  
 Molony & Carter Co., fertz. mfrs., Charleston, S. C.  
 Moltbrup Steel Products Co., Beaver Falls, Pa.  
 Moltz, Jacob J., machsts., Williamsport, Pa.  
 Momsen-Dunnegan-Ryan Co., wholesale hdwe., mill, facty. & plumbers' supplies, El Paso, Tex.  
 Monadnock Blanket Mills, Marlboro, N. H.  
 Monadnock Mills, cotton sheetings, Claremont, N. H.  
 Monadnock Paper Mills, 201 Devonshire, Boston, Mass.  
 Monaghan, Paul, architect, Drexel Bldg., Philadelphia, Pa.  
 Monahan Antiseptic Co., soaps, cutting & drilling compounds, etc., 166 N. Curtis, Chicago, Ill.  
 Monahan, R. C. N., architect, Pawtucket, R. I.  
 Monahan Stone Co., Plum Point, Ia., Newark, N. J.  
 Monarch Aluminum Ware Co., 4613 Payne av, Cleveland, Ohio.  
 Monarch Black Board Struct. Slate Co., Slattington, Pa.  
 Monarch Box Co., packing, 925 N. Halsted, Chicago, Ill.  
 Monarch Brass Co., cocks, traps, valves, etc., Cleveland, Ohio.  
 Monarch Carriage Goods Co., 2842 Spring Grove av, Cincinnati, Ohio.  
 Monarch Cement Co., Humboldt, Kans.  
 Monarch Cotton Mills, sheetings, Union, S. C.  
 Monarch Elec. & Wire Co., 622 W. Adams, Chicago, Ill.  
 Monarch Engineering Co., Chamber of Com. Bldg., Buffalo, N. Y.  
 Monarch Engineering & Mfg. Co., furnace mfrs., American Bldg., Baltimore, Md.  
 Monarch Foundry Co., grey iron castings, Greenwood & G. T., Detroit, Mich.  
 Monarch Foundry Co., Los Angeles, Stockton, Cal.  
 Monarch Glue Co., ink, etc., 202 Main, Cincinnati, Ohio.  
 Monarch Knitting Co., sweaters, etc., Buffalo, N. Y.  
 Monarch Light Truck Co., Milwaukee, Wis.  
 Monarch Lbr. Co., 15th & Market, Philadelphia, Pa.  
 Monarch Machine Mfg. Co., Leonard Bldg., Grand Rapids, Mich.  
 Monarch Machine Tool Co., Sidney, Ohio.  
 Monarch Mach. Wks., blow-off valves, Altoona, Pa.  
 Monarch Manifold Book Co., R. R. stationery, etc., West & Hubert, New York.  
 Monarch Mfg. Co., lubricants, oils & greases, Council Bluffs, Ia.  
 Monarch Mfg. Corp., machsts., Boone, Ia.  
 Monarch Metal Co., babbitt, 119 S. Lincoln, Chicago, Ill.  
 Monarch Metal Weather Strip Co., 4121 Forest Park blvd, St. Louis, Mo.  
 Monarch Mill & Supply Co., 53 W. Jackson blvd, Chicago, Ill.  
 Monarch Milling Co., flour, Elizabethtown, Tenn., & Wytheville, Va.  
 Monarch Mining Co., stone, etc., Culver av, Jersey City, N. J.  
 Monarch Motor Mfg. Co., machsts., 4636 W. Madison, Chicago, Ill.  
 Monarch Oil Refining Co., petroleum, 24 California, San Francisco, Cal.



- Monarch Paint Co., W. 70th, Cleveland, Ohio  
 Monarch Paper Co., Kalamazoo, Mich.  
 Monarch Pneumatic Tool Co., East St. Louis, Ill.  
 Monarch Refillable Fuse Co., 147 Leslie, Buffalo, N. Y.  
 Monarch Rubber & Oil Cloth Co., Drexel Bldg., Philadelphia, Pa.  
 Monarch Screen & Mfg. Co., 39th & Ross, Los Angeles, Cal.  
 Monarch Steam Boiler Co., Troy, N. Y.  
 Monarch Steel Castings Co., Detroit, Mich.  
 Monarch Telephone Mfg. Co., Fort Dodge, Ia.  
 Monarch Tool Co., Murdock Bldg., Cincinnati, Ohio.  
 Monarch Tool & Machy. Co., 1901 S. Western av, Chicago, Ill.  
 Monarch Valve Co., 112 Front, Brooklyn, N. Y.  
 Monarch Valve & Mfg. Co., machsts. & fndrs., Warren, Mass.  
 Monarch Ventilator Co., window, 30 Church, New York.  
 Monarch Water Heater Co., 193 Chartis av, Pittsburgh, Pa.  
 Monash-Younger Co., separators, traps, valves, etc., 1407 W. Jackson Blvd., Chicago, Ill.  
 Monatquot Rubber Wks. Co., reclaimed rubber, So. Braintree, Mass.  
 Monce, S. G., hdwe. mfrs., stencils, etc., Unionville, Conn.  
 Moncrieff, Z. E., contractor, 1119 18th, Denver, Colo.  
 Monday, Chas. E., & Co., contractors & consulting engineers, 1318 Olive, Philadelphia, Pa.  
 Mondovi Co-operative Canning Co., Mondovi, Wis.  
 Monessen Box Co., Monessen, Pa.  
 Monessen Brick Wks., Monessen, Pa.  
 Monessen Coal & Coke Co., Frick Bldg., Pittsburgh, Pa.  
 Monessen Fndry. & Mach. Co., Monessen, Pa.  
 Money, Chas., contractor, 52 Vanderbilt av, New York.  
 Monfils & Murphy Machine Co., Haverhill, Mass.  
 Monford, W. J., contractor, Poughkeepsie, N. Y.  
 Monger, C. L., Co., lumber mfrs., Elkhart, Ind.  
 Monger, R. W., Co., lumber mfrs., Elkhart, Ind.  
 Monges, H. B., architect, Hobart Bldg., San Francisco, Cal.  
 Mongio, Geo., & Son, contractors, 482 Jackson av, New York.  
 Monighan Machine Co., hoisting & hauling engines, derricks, excavators, etc., 2032 Carroll av, Chicago, Ill.  
 Moninger, John C., Co., greenhouse bldrs., 47 W. 34th, New York.  
 Moninger, John C., Co., greenhouse sash, 900 Blackhawk, Chicago, Ill.  
 Monitor Bi-Loop Radiator Co., radiator mfrs., Lancaster, Pa.  
 Monitor Boat & Engine Co., 217 Emet, Newark, N. J.  
 Monitor Controller Co., electric controller mfrs., 514 E. Lombard, Baltimore, Md.  
 Monitor Drill Co., St. Louis Park, Minn.  
 Monitor Furnace Co., C. H. & D. R. R. nr. Gest, Cincinnati, O.  
 Monitor Mills, flour, Claremont, N. C.  
 Monitor Oil Co., Cleveland, Ohio.  
 Monitor Sad Iron Co., Big Prairie, Ohio.  
 Monitor Stove & Range Co., machsts. & fndrs., C. H. & D. Ry. nr. Gest, Cincinnati, Ohio.  
 Monitor Time Clock Co., recorders, Syracuse, N. Y.  
 Monk, Chas., moulders' tools, 83 18th, Brooklyn, N. Y.  
 Monk, John, contractor, Sharon Bldg., San Francisco, Cal.  
 Monks, G. R. M., architect, 148 Weld, Rochester, N. Y.  
 Monks, John, & Sons, contractors & dock bldrs., 82 Beaver, New York.  
 Monks & Johnson, architects, 78 Devonshire, Boston, Mass.  
 Monks & Miller, masons' & bldrs.' matls., Seattle, Wash.  
 Monks-Ripley Pile Co., 82 Beaver, New York.  
 Monks, Wm. C., contractor, 503 5th av, New York.  
 Monmonier & Sorrell, contractors, 1711 McCulloh, Baltimore, Md.  
 Monmouth Acet.-Elec. Mfg. Co., gas machines, Monmouth, Ill.  
 Monmouth Brick & Tile Co., Monmouth, Ill.  
 Monmouth Canning Co., Portland, Me.  
 Monmouth Contracting Co., Red Bank, N. J.  
 Monmouth County Farmers' Exchange, fertilizer mfrs., Freehold, N. J.  
 Monmouth-Galesburg Construction Co., Galesburg, Ill.  
 Monmouth Plow Factory, Monmouth, Ill.  
 Mono-Crest Co., monograms, 1777 B'way, New York.  
 Monocacy Volley Canning Co., Frederick, Md.  
 Monoghan Mills, cotton sheetings, Greenville, S. C.  
 Monohan, Mc., granite, W. Quincy, Quincy, Mass.  
 Monolithic Silo & Construction Co., 122 S. Michigan av, Chicago, Ill.  
 Monon Crushed Stone Co., Monon, Ind.  
 Monongah Glass Co., beer mugs, tumblers, etc., Fairmont, W. Va.  
 Monongahela Boiler Wks., Monongahela, Pa.  
 Monongahela Clay Mfg. Co., brick, Monongahela, Pa.  
 Monongahela Constr. Co., Oliver Bldg., Pittsburgh, Pa.  
 Monongahela Dist. Co., 311 N. 3d, Philadelphia, Pa.  
 Monongahela Iron & Steel Co., rolling mills, Farmers' Bank Bldg., Pittsburgh, Pa.  
 Monongahela Saw & Planing Mill Co., lumber, Monongahela, Pa.  
 Monongahela Stone Clay & Brick Co., Monongahela, Pa.  
 Monongahela Tube Co., iron rolling mills, Ferguson Bldg., Pittsburgh, Pa.  
 Monongahela & Western Dredging Co., 7 Wood, Pittsburgh, Pa.  
 Monongahela & Yough. Fndry. Co., McKeesport, Pa.  
 Monroe Binder Board Co., Monroe, Mich.  
 Monroe Body Co., wood & metal auto bodies, Pontiac, Mich.  
 Monroe Brick & Builders' Supply Co., Monroe, La.  
 Monroe Bridge Paper Co., Monroe Bridge, Mass.  
 Monroe, C. F., Co., cut glassware, Meriden, Conn.  
 Monroe Calculating Mach. Co., 625 Market, San Francisco, Cal.  
 Monroe Canning & Packing Co., Monroe, Mich.  
 Monroe Cotton Mills, Monroe, Ga.  
 Monroe County Canning Co., Brockport, N. Y.  
 Monroe County Chemical Co., starch mfrs., Fairport, N. Y.  
 Monroe County Oolitic Stone Co., Bloomington, Ind.  
 Monroe Foundry & Furnace Co., Monroe, Mich.  
 Monroe Grocer Co., Ltd., masons' & bldrs.' matls., Monroe, La.  
 Monroe Hardware Co., Monroe, La.  
 Monroe & Johnson, contractors, Lebanon, Ohio.  
 Monroe Mfg. Co., coffins, caskets, etc., Webster, N. Y.  
 Monroe Mill Co., lbr. mfrs., Monroe, Wash.  
 Monroe Milling Co., flour, Sellingsgrove, Pa.  
 Monroe Motor Co., Flint, Mich.  
 Monroe Novelty Co., brushes, Rochester, N. Y.  
 Monroe Oil & Fertilizer Co., Monroe, Ga.  
 Monroe Paper Co., Monroe, Mich.  
 Monroe Refrigerator Co., Lockland, Ohio.  
 Monroe, Sam'l. & Son Co., contractors, Portsmouth, Ohio.  
 Monroe Shingle Co., Monroe, La.  
 Monroe Spec. Co., machsts., Monroe, Mich.  
 Monroe Spec. Co., metal polish, 379 Pearl, New York.  
 Monroe Steel Castings Co., Monroe, Mich.  
 Monroe, W. H., turpentine, Blackman, Fla.  
 Monroe, W. H., Co., blinds & wood rolling partitions, Lima, O.  
 Monroe, Wm. E., cornices, 3704 Irving pl, Chicago, Ill.  
 Monsanto Chemical Works, 1800 S. 2d, St. Louis, Mo.  
 Monschke & Co., carriages, Dallas, Tex.  
 Monson Bros., contractors, 1907 Bryant, San Francisco, Cal.  
 Monson Maine Slate Co., 112 Water, Boston, Mass.  
 Monson & Price, architects, Vermont Bldg., Salt Lake City, Utah.  
 Monsted, A., Co., contractors, Pabst Bldg., Milwaukee, Wis.  
 Mont Alto Sand Co., Waynesboro, Pa.  
 Montag Bros., envelopes, Atlanta, Ga.  
 Montague City Rod Co., Montague City, Mass.  
 Montague Machine Co., Turners Falls, Mass.  
 Montague Mfg. Co., lbr., sash, door & blind mfrs., 4 S. 10th, Richmond, Va.  
 Montague O'Reilly Co., contractors, Blake-McFall Bldg., Portland, Ore.  
 Montague, W. W., & Co., wholesale hdwe. & plumbers' supplies, 577 Market, San Francisco, Cal.  
 Montala Mfg. Co., cotton sheetings, Montgomery, Ala.  
 Montana Culvert & Flume Co., Missoula, Mont.  
 Montana Hardware Co., Butte & Lewistown, Mont.  
 Montana Iron Wks., Butte, Montana.  
 Montana Mattress & Furniture Co., Butte, Mont.  
 Montana State Coll. of Agriculture & Arts, Bozeman, Mont.  
 Montana State School of Mines, Engng. School & Coll., Butte, Mont.  
 Montanini & Grillo, machsts. & fndrs., 155 W. Houston, New York.  
 Montauk Lther. Spec. Co., sailors' palms, 149 N. 1st, Brooklyn, N. Y.  
 Montauk Paint Co., furniture polish, etc., 170 2d av, Brooklyn, N. Y.  
 Montcalm Chemical Works, Indianapolis, Ind.  
 Montclair Jam Kitchens, canned goods, Montclair, N. J.  
 Monte Wrench Co., Shelbyville, Ind.  
 Monteath, J. H., Co., lbr. mfrs. & wholesale dlrs., 202 Lewis, New York.  
 Monterey Packing Co., 110 Market, San Francisco, Cal.  
 Montezuma Fertilizer Co., Montezuma, Ga.  
 Montezuma Mach. Wks., machsts. & fndrs., Montezuma, Ind.  
 Montezuma Mfg. Co., cotton seed meal, Montezuma, Ga.  
 Montgomery Broom Mfg. Co., Grove City, Pa.  
 Montgomery Bros., belt dressing, packing mfrs. & rubber goods, 45 S. 2d, Philadelphia, Pa.  
 Montgomery Bros., contractors, 58 Lombard, New Haven, Conn.  
 Montgomery Bros. & Co., lbr., sashes, doors, etc., Buffalo, N. Y.  
 Montgomery Carriage Wks. Co., Montgomery, Ala.  
 Montgomery Coal Washing & Mfg. Co., Birmingham, Ala.  
 Montgomery & Co., wholesale hdwe. & mill & facty, supplies, 105 Fulton, New York.  
 Montgomery Cordage Co., Montgomery, Ala.  
 Montgomery Cotton Mills, Montgomery, Ala.  
 Montgomery & Crawford, wholesale hdwe., mill & facty. supplies, Spartanburg, S. C.  
 Montgomery Elev. Co., Moline, Ill.  
 Montgomery, F. W., htg. contrs., 29 Purchase, Boston, Mass.  
 Montgomery & Flora, canned goods, Wirty, Va.  
 Montgomery, G. S., architect, 17 Main, E., Rochester, N. Y.  
 Montgomery, H. P. Alan, architect, 105 W. 40th, New York.  
 Montgomery, Harry B., architect, Lewistown, Pa.  
 Montgomery, J. R., Co., tex. machy. (warps), Windsor Locks, Conn.  
 Montgomery, Jas., architect, Charlestown, W. Va.  
 Montgomery Land Co., Yazoo City, Mo.  
 Montgomery Lime & Cement Co., Montgomery, Ala.  
 Montgomery Lbr. Co., mfrs & wholesale dlrs, 52 Vanderbilt av, New York.  
 Montgomery Lumber Co., Suffolk, Va.  
 Montgomery & Montgomery, architects, Merritt Bldg., Los Angeles, Cal.  
 Montgomery, S. P., canned goods, Buchanan, Va.



- Montgomery Slate Co., Danielsville, Pa.  
 Montgomery Table Wks., desk mfrs., Montgomery Pa.  
 Montgomery, W. L. & Co., degreas, 10 High, Boston, Mass.  
 Montgomery, W. M., Co., meat, Anaconda, Mont.  
 Montgomery, Wesley, masons' & bldrs.' matls., Newark, Ohio.  
 Monticello Buggy Mfg. Co., Monticello, Ga.  
 Monticello Canning Co., Monticello, Ia.  
 Monticello Cotton Mills, Monticello, Ark.  
 Monticello Distilling Co., 409 N. Holliday, Baltimore, Md.  
 Monticello Preserving Co., canned goods, Monticello, Minn.  
 Montigel, J. M., machsts. & fndrs., Alma, Mich.  
 Montour Brick Co., imperial, Pittsburgh, Pa.  
 Montour Steel Co., structural steel, Montour Falls, N. Y.  
 Montowese Brick Co., New Haven, Conn.  
 Montpelier Canning Co., Montpelier, Ohio.  
 Montrose Milling Co., Montrose, Minn.  
 Montrose Pottery Co., Montrose, Ala.  
 Montross, A. W., cornices, Warwick, N. Y.  
 Montross Metal Roofing Co., shingles, metallic, Camden, N. J.  
 Montvale Canning Co., Montvale, Va.  
 Monument Cornice Wks., 822 Hartford av, Baltimore, Md.  
 Monument Mills, tex. machy. (warps), Housatonic, Mass.  
 Monument Plaster Co., stucco mfrs., Harrison, N. J.  
 Monument Plumbing Supply Co., 2635 Locust, St. Louis, Mo.  
 Monument Pottery Co., Trenton, N. J.  
 Monumental Bronze Co., fndrs., Bridgeport, Conn.  
 Monumental & Cut Stone Co., Fort Smith, Ark.  
 Monumental Iron & Metal Co., scrap iron, 228 W. Pratt, Baltimore, Md.  
 Monumental Mould & Plate Co., 307 S. Paca, Baltimore, Md.  
 Monumental News, trade publications, 538 S. Clark, Chicago, Ill.  
 Monville, Gilles & Co., barrel covers, 127 Catherine, Phila., Pa.  
 Moody, A. M., architect, Camden, Me.  
 Moody Bros., contractors, Hartford & Scovill, Detroit, Mich.  
 Moody Calculator Co., machines, Dallas, Texas.  
 Moody, Chas. J., machsts. & fndrs., Elgin, Ill.  
 Moody, E. A., cornices & skylights, Abbeville, Ga.  
 Moody, John, contractor, Galveston, Texas.  
 Moody, John, & Son, common brick, Carlinville, Ill.  
 Moody, P. S., flour mills, Ellis, W. Va.  
 Moody, W. Frank, machsts., Loogoote, Ind.  
 Moog, John A., lbr. mfrs., Bryan, Ohio.  
 Moomaw, C. M., sash, door & blind, Sugar creek, Ohio.  
 Moomaw, G. A., canned goods, Troutville, Va.  
 Moomaw, J. C., Co., canned goods, Cloverdale, Va.  
 Moon Bros. Carriage Co., Gano & McKissock, St. Louis, Mo.  
 Moon, C. H., contractor, 1843 N. Alabama, Indianapolis, Ind.  
 Moon, D. B., architect, Lansing, Mich.  
 Moon Desk Co., Muskegon, Mich.  
 Moon, Geo. C., Co., wire rope, clips & strand wire, 124 White, New York.  
 Moon, Geo. O., & Co., flour mills, Binghamton, N. Y.  
 Moon-Hopkins Billing Mach. Co., adding typewriters, 2235 O'Fallon, St. Louis, Mo.  
 Moon, John, contractor, Lockport, N. Y.  
 Moon, Jos. W., Buggy Co., auto. bldrs., Main & Douglas, St. Louis, Mo.  
 Moon Machine Co., nut & bolt machy, Muncie, Ind.  
 Moon Mfg. Co., annunciators, push buttons, etc., 122 N. Jefferson, Chicago, Ill.  
 Moon Motor Car Co., auto. bldrs., 4402 Main, St. Louis, Mo.  
 Mooney Belting Co., 844 W. 6th, Cincinnati, Ohio.  
 Mooney & Bueter, dies, 507 W. Jackson blvd, Chicago, Ill.  
 Mooney, Elwood W., contractors, Asbury Park, N. J.  
 Mooney, Frank E., sashes, doors & blinds, Farmington, N. M.  
 Mooney, Jas. J., contractor, 333 E. 24th, New York.  
 Mooney, W. E., contractor, Evans Bldg., Washington, D. C.  
 Mooney, W. W. & Sons, leather—harness, Columbus, Ind.  
 Mooney, Wm. J., architect, Amer. Trust Bldg., Cleveland, Ohio.  
 Moonlight Bait Co., Paw Paw, Mich.  
 Moore, A. H., contractor, 1720 1st av, Birmingham, Ala.  
 Moore, Alfred, contractor, Atlantic City, N. J.  
 Moore, Alfred F., wire mfrs., 200 N. 3rd, Philadelphia, Pa.  
 Moore, Benj., & Co., paints, varnishes, etc., mfrs., 231 Front, Brooklyn, N. Y.  
 Moore, Benj., & Co., yacht sails, tarpaulins, wagon covers, etc., 27 South, New York.  
 Moore & Brady Co., canned goods, Key Highway & Boyle, Baltimore, Md.  
 Moore Bros., brick, Akely, Minn.  
 Moore Bros., grey iron castings, Wichita, Kan.  
 Moore Bros. Co., machsts., Elizabeth, N. J., & Joliet, Ill.  
 Moore Bros. Co., soap, 288 Greenwich, New York.  
 Moore Bros. Lighting Rod Co., Maryville, Mo.  
 Moore & Burgess Webbing Co., South Acton, Mass.  
 Moore & Burlingame, contractors, 110 Jessie, San Francisco, Cal.  
 Moore & Butts, machsts. & fndrs., West Newton, Pa.  
 Moore, C. C., bobbins, pegs (shoe), Lisbon, N. H.  
 Moore, C. & Co., braided banding, thread, twine, etc., 5th & Market, Philadelphia, Pa.  
 Moore, C. H., machinist, Toledo, Ohio.  
 Moore, C. P., whol. hdwe., Ravenswood, W. Va.  
 Moore, Chas., architect, Eau Claire, Wis.  
 Moore, Chas. C., & Co., machinery dealers, Sheldon Bldg., San Francisco, Cal.  
 Moore, Chas. P., shelf hdwe. boxes, Ravenswood, W. Va.  
 Moore, Charles P., & Co., hardware—whol., Spencer, W. Va.  
 Moore, Chas. T., contractor, Lansdowne, Pa.  
 Moore, Clifton S., machst. & fndr., New Orleans, La.  
 Moore & Co., contractors, 12 Pemberton sq., Boston, Mass.  
 Moore & Co., machsts., 305 W. Grand av, Chicago, Ill.  
 Moore & Co., masons' & bldrs.' matls., Dallas, Texas.  
 Moore & Co., meat packers, Stock Yards, Indianapolis, Ind.  
 Moore, Daniel, contractor, Fall River, Mass.  
 Moore, Dan'l E., sash, door & blind mfrs., Geneva, N. Y.  
 Moore & Danner, contractors, Kokomo, Ind.  
 Moore Distilling Co., Latrobe, Pa.  
 Moore Drop Forging Co., Springfield, Mass.  
 Moore, E. C., & Son Co., metal polish, 17 Elizabeth, W. Detroit, Mich.  
 Moore, E. S., contractor, Danville, Ill.  
 Moore, Edgar M., & Co., steel struct. work, Farmers' Bank Bldg., Pittsburgh, Pa.  
 Moore, F. W., architect, Newhouse Bldg., Salt Lake City, Utah.  
 Moore Filter Co., 43 Exchange pl., New York.  
 Moore, Frank A., architect, 542 5th av, New York.  
 Moore, Frank K., Co., machy. dls., 182 High, Boston, Mass.  
 Moore, Franklin, Co., bolt, nut & rivet mfrs., Winsted, Conn.  
 Moore, Fred. E., architect, Saginaw, Mich.  
 Moore, Fred'k E., sash, door & blind mfr., Williamstown, Mass.  
 Moore, G. W., & Co., masons' & bldrs.' matls., Moore, Pa.  
 Moore, G. W., Constr. Co., Dallas, Texas.  
 Moore & Galloway Lumber Co., Fond Du Lac, Wis.  
 Moore, George A., architect, 44 Orchard, Cambridge, Mass.  
 Moore, Geo. C., cotton waste, North Chelmsford, Mass.  
 Moore, Geo., & Sons, contractors, Nashville, Tenn.  
 Moore, Geo. W., hdwe. mfrs., 44 Farnsworth, Boston, Mass.  
 Moore & Gibson Corp., broom holders, 39 W. 19th, New York.  
 Moore, Given, Co., feed grinding mills, Spring Valley, Ill.  
 Moore & Goodman, lumber, Galveston, Texas.  
 Moore, H. H., contractor, Spring Lake, N. J.  
 Moore-Handley Hardware Co., Birmingham, Ala.  
 Moore Hardware & Iron Co., Denver, Colo.  
 Moore, Harry S., contractor, Middletown, Conn.  
 Moore & Horkan, turpentine, Moultrie, Ga.  
 Moore, J. C., Co., parquet floors, 9 S. 18th, Philadelphia, Pa.  
 Moore, J., & I. E., writing inks & mucilage, Warren, Mass.  
 Moore, J. J., & Son, flour mills, Murray, Ky.  
 Moore, J. K., granite & stone producers, Bloomington, Ill.  
 Moore, J. N., lumber, Kelso, Wash.  
 Moore, J. S., architect, Weston, W. Va.  
 Moore, J. W., Mach. Co., 592 E. 1st, S., Boston, Mass.  
 Moore, Jno. C., architect, White Plains, N. Y.  
 Moore, John C., Corp., loose leaf devices, Rochester, N. Y.  
 Moore, John E., machinist, Jackson, N. C.  
 Moore, John L., contractor, 112 McAlvy, Pittsburgh, Pa.  
 Moore, John T., & Co., rural mail boxes, Terre Haute, Ind.  
 Moore, John T., & Son, paper & pulp mills, Bellows Falls, Vt.  
 Moore, John V., architect, Lexington, Ky.  
 Moore, Joshua, pipe hangers & hooks, Marseilles, Ill.  
 Moore, L., Dry Kiln Co., Jacksonville, Fla.  
 Moore, L. E., Stave Co., Weiss Bldg., New Orleans, La.  
 Moore, L. F., masons' & bldrs.' matls., Lancaster, N. H.  
 Moore, L. F., Carriage Co., Knoxville, Tenn.  
 Moore & Landsiedel, architects, 3d av & 148th, New York.  
 Moore-Leland Paint & Oil Co., Charleston, S. C.  
 Moore Lime Co., Richmond, Va.  
 Moore & Lipscomb, sash, door & blind, Lynchburg, Va.  
 Moore & Lorenz Co., belting mfrs., belts, conveyors, etc., 2144 W. Fulton, Chicago, Ill.  
 Moore & McFerren, lumber, Hoopston, Ill.  
 Moore, M. A., Co., masons' & bldrs.' matls., Le Mars, Ia.  
 Moore, M. F., architect, Colorado Bldg., Washington, D. C.  
 Moore Machy. Co., 217 North, Baltimore, Md.  
 Moore Mfg. Co., furniture—church & lodge, Springfield, Mo.  
 Moore Mfg. Co., port. fireproof garages, Waterloo, Iowa.  
 Moore Mfg. Co., spring beds, Muncie, Ind.  
 Moore-Master Mfg. Co., machsts., 320 W. Grand av, Chicago, Ill.  
 Moore-Meagher, cornices & skylights, Portland, Ore.  
 Moore & Moore, masons' & bldrs.' matls., Waterloo, Ia.  
 Moore Motor Vehicle Co., 1st av & 5th, N. E., Minneapolis, Minn.  
 Moore & Munger, clays, minerals, etc., 29 Broadway, New York.  
 Moore Oil Co., York & McLean av, Cincinnati, Ohio.  
 Moore Peg Co., Lisbon, N. H.  
 Moore Plow & Implement Co., Greenville, Mich.  
 Moore-Prince & Co., turpentine, Pelham, Ga.  
 Moore Push-Pin Co., push-pins & thumb tacks, 120 Berkley, Philadelphia, Pa.  
 Moore, R. P., Milling Co., flour, Princeton, Ind.  
 Moore & Richter Lbr. Co., masons' & bldrs.' matls., La Porte, Ind.  
 Moore, Robert S., contractor, Lafayette, Ind.  
 Moore, S. B., architect, Wilson, N. C.  
 Moore, S. S., corn brooms, Quenemo, Kans.  
 Moore, Sam'l L., & Sons Corp., grey iron castings, engines, machy., nitrating kettle, presses, etc., Elizabeth, N. J.  
 Moore & Scott Iron Wks., ship bldrs., 678 2d, San Francisco, Cal.  
 Moore-Sieg Construction Co., Waterloo, Ia.  
 Moore Steam Turbine Corp., Wellsville, N. Y.



Moore, Stewart, architect, Texarkana, Ark.  
Moore, Thos., Dist. Co., McKeesport, Pa.  
Moore, Thos. J., machsts. & fndrs., Blossburg, Pa.  
Moore & Thompson Paper Co., Bellows Falls, Vt.  
Moore, Tom, Distillery, Bardstown, Ky.  
Moore Vegetable Boiler Purger Co., 35 Bates, Detroit, Mich.  
Moore, W. S., architect, 30 E. 42d, New York.  
Moore, W. Scott, & Co., architects, Public Savings Bldg., Indianapolis, Ind.  
Moore & Wall, flour, Huffins, Tex.  
Moore, Warner & Co., masons' & bldrs.' matls., 17th, Richmond, Va.  
Moore & White Co., paper & pulp mill machy. mfrs., N. 15th & Lehigh av. Philadelphia, Pa.  
Moore, Wm., Co., contractors, 1278 W. 4th, N. W., Cleveland, Ohio.  
Moore, Wm. D., & Sons, contractors, Winthrop, Brooklyn, N. Y.  
Moore, Wm. R., contractor, Far Hills, N. J.  
Moore, Wm. R. (Coll. of Technology), engng. schools & coll., Memphis, Tenn.  
Moore & Wyman Elev. & Mach. Wks., 72 Granite, S. B., Boston, Mass.  
Moore & Zimmerman, lbr. mfrs., Albany, N. Y.  
Moorefield, J. Frank, architect, Gainesville, Ga.  
Moore's, A., Sons, contractors, 423 W. 50th, New York.  
Moore's-Rode Gravel Co., Tara & Geneva, San Francisco, Cal.  
Moore's-Coney Co., masons' & bldrs.' matls., St. Paul Bldg., Cincinnati, Ohio.  
Moore's & Dunford, architects, 10 S. La Salle, Chicago, Ill.  
Moore's, Joel, & Co., fertilizer mfrs., 920 E. Fort av, Baltimore, Md.  
Moore's Lime Co., crushed stone, Springfield, Ohio.  
Moore's, Roger, Sons & Co., masons' & bldrs.' matls., Wilmington, N. C.  
Moore's Telephone System, Caro, Mich.  
Mooreville Cotton Mills, Mooreville, N. C.  
Moorhead, A. R., masons' & bldrs.' matls., Walton, Kans.  
Moorhead Bros. & Co., machsts. & fndrs., Sharpsburg, Pa.  
Moorhead, H. S., contractor, 220 S. Highland av, Pittsburg, Pa.  
Moorhead, J. R., Lumber Co., Lexington, Mo.  
Moorhead Mfg. Co., lbr. mfrs., Moorhead, Miss.  
Moorhead Oil Co., cottonseed meal, Moorhead, Miss.  
Moorhouse, G. W., oil supplies, Kinzua, Pa.  
Moorhouse, R. T., paper pulp mills, 2655 Bridge, Bridesburg, Philadelphia, Pa.  
Moorman, Eli S., & Son, boat oars, Plaquemine, La.  
Moormann Bros., contractors, Bloomfield, N. J.  
Moormon Bros. Co., contractors, Lynchburg, Va.  
Moorow, John, flour mill, Leadhill, Ark.  
Moose River Lbr. Co., McKeever, N. Y.  
Mooser, Wm., architect, Nevada Bk. Bldg., San Francisco, Cal.  
Mosaic Mfg. Co., canvas gloves, Mousic, Pa.  
Mora Power Wagon Co., 5320 St. Clair av, Cleveland, Ohio.  
Moran Boiler Co., steam htrs., Hopkins, Minn.  
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.  
Moran Bros., flour, Bonne Terre, Mo.  
Moran Co., meat packers, Marysville, Cal.  
Moran, D. E. & J. F., carriages, New London, Conn.  
Moran, D. W., stone producers, wkrs. & dhrs., 270 Burnside av, New York.  
Moran Flexible Steam Joint Co., Louisville, Ky.  
Moran & Hastings Mfg Co., elec. light fix. mfrs., etc., 16 W. Washington, Chicago, Ill.  
Moran, John, contractor, Fitchburg, Mass.  
Moran, John, & Son, bags & bagg'g, 213 Franklin, New York.  
Moran & Macnair, elec. light fix. mfrs., 72 W. Lake, Chicago, Ill.  
Moran, Patrick, machsts. & fndrs., Grafton, W. Va.  
Moran, R. J., htg. contrs., 1307 Atlantic av, Brooklyn, N. Y.  
Moran, Robert, ship bldrs., Rosario, Wash.  
Moran, S. L., contractor, 2415 Symmes, Cincinnati, Ohio.  
Moran, Wm. Edgar, architect, 15 W. 38th, New York.  
Morandi-Proctor Co., steel ranges, 86 Washington, Boston, Mass.  
Moratz, Arthur F., architect, Bloomington, Ill.  
Moratz, Paul O., flooring oak, Bloomington, Ill.  
Morava Construction Co., 85th & Stewart av, Chicago, Ill.  
Moravian Pottery & Tile Wks., Doylestown, Pa.  
Morawetz Co., auto. gloves, 217 E. Water, Milwaukee, Wis.  
Morck, Wm. O., architect, Lombard Bldg., Indianapolis, Ind.  
Morcombe, F. T., & Co., contractors, 155 Kneeland, Boston, Mass.  
Morden Frog & Crossing Wks., machsts., 208 S. La Salle, Chicago, Ill.  
Morden Mfg. Corp., loose leaf devices & key rings, Waterbury, Conn.  
More, Jonas, Glass Co., Bridgeton, N. J.  
More-Jones Brass & Metal Co., B'way & Dock, St. Louis, Mo.  
Moree, Wm. B., Lbr. Co., Rochester, N. Y.  
Morehead Mfg. Co., machsts & fndrs., Detroit, Mich.  
Morehouse Bros. Co., sash, door & blind, Meriden, Conn.  
Morehouse, C. C., contractor, 872 Folsom, San Francisco, Cal.  
Morehouse, Ferris S., architect, South Norwalk, Conn.  
Morehouse & Wells Co., wholesale hdwe., mill & facty. supplies, Decatur, Ill.  
Morel Bros., machsts. & fndrs., Wolcottville, Ind.  
Moreland, H. D., Co., contractors, 105 N. Clark, Chicago, Ill.  
Moreland Motor Truck Co., Los Angeles, Cal.  
Morell, Jas., machsts. & fndrs., Van Buren, Ark.

Morell & Nichols, landscape architects, Palace Bldg., Minneapolis, Minn.  
Morelli, Nicholas A., architect, Orange, N. J.  
Morency-Van Buren Mfg. Co., machsts. & fndrs., Sturgis, Mich.  
Moreng, Jos., Iron Wks., 208 E. 19th, New York.  
Moreno-Burkham Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.  
Morenus, E., Co., thermometers, Cleveland, N. Y.  
Morenus Piano Co., 341 W. Superior, Chicago, Ill.  
Moresi, Antoine, Co., Ltd., Jeanerette, La.  
Morewood Standard Safety Devices Co., window bolts & display fixtures, 253 B'way, New York.  
Morey, Alex W., machsts., Troy, N. Y.  
Morey, Chas. H., lbr., Bemis, N. H.  
Morey, Clarence E., organs, Utica, N. Y.  
Morey Clay Products Co., Ottumwa, Ia.  
Morey Flux & Chemical Co., welding compound, Parkesburg, Pa.  
Morey, Richard, contractor, Chemical Bldg., St. Louis, Mo.  
Morgan, Austin Co., sashes, doors & blinds, Greenville, S. C.  
Morgan Bros., sash, door & blind mfrs., Burlington, Vt.  
Morgan Canning Co., Morgan, Utah.  
Morgan Carriage Co., Wheeling, W. Va.  
Morgan Casket Co., 572 Park av, Brooklyn, N. Y.  
Morgan, Chas. L., architect, 116 S. Michigan av, Chicago, Ill.  
Morgan Co., built-in furniture, Oshkosh, Wis.  
Morgan Co., sash, door, blind & lbr. mfrs. & wholesale dhrs., 6 E. 39th, New York.  
Morgan Construction Co., Adams, Boston, Mass.  
Morgan Construction Co., wire & rolling mill machy., Worcester, Mass.  
Morgan Crucible Co., brushes, 519 W. 38th, New York.  
Morgan & Dillon, architects, Grant Bldg., Atlanta, Ga.  
Morgan Drug Co., soap, 1512 Atlantic av, Brooklyn, N. Y.  
Morgan, E., contractor, Savannah, Ga.  
Morgan, E. E., masons' & bldrs.' matls., Ravenna, Ohio.  
Morgan, E. S., machsts., Dublin, Ind.  
Morgan, Edw., Mach. Co., 35 Vesey, Newark, N. J.  
Morgan Engineering Co., Alliance, Ohio.  
*See adv index at end of book*  
Morgan Envelope Co., toilet paper & holders, Division, Springfield, Mass.  
Morgan, Flaherty, granite producers, St. Cloud, Minn.  
Morgan, Flidner & Boyce, architects, Morgan Bldg., Portland, Ore.  
Morgan-Gardner Elec. Co., coal cutting & mining machines, 2640 Shields av, Chicago, Ill.  
Morgan, Geo. W., architect, East Haddam, Conn.  
Morgan & Hamilton Co., bag & bagging, Nashville, Tenn.  
Morgan & Horton, masons' & bldrs.' matls., Jackson, Ohio.  
Morgan & Humiston Co., plate glass, New Haven, Conn.  
Morgan, J. E., contractor, El Paso, Tex.  
Morgan, J. F., & Son, heaters, Lynn, Mass.  
Morgan, J. L., flour, Marion, N. C.  
Morgan, J. M., & Co., contractors, Birmingham, Ala.  
Morgan, John, lbr. mfrs., Guys Mills, Pa.  
Morgan, John, & Sons, stained glass, 96 5th av, New York, & 17 Union av, Brooklyn, N. Y.  
Morgan, John T., & Son, flour mills, Stone Mountain Va.  
Morgan, Julia, architect, Merchants' Ex. Bldg., San Francisco, Cal.  
Morgan Knitting Mills, sweaters, 457 18th av, Newark, N. J.  
Morgan Lbr. & Cedar Co., Oshkosh, Wis.  
Morgan Lumber & Mfg. Co., bank fixtures, Charleston, W. Va.  
Morgan Machine Co., boxmakers machinery, Rochester, N. Y.  
Morgan Mfg. Co., hose clamps, piston rings, tool holders, metal polish, etc., Newport, R. I.  
Morgan Mfg. Co., wooden handles, Wyaconda, Mo.  
Morgan & Marsh All Rubber & Tire Co., East Liverpool, Ohio.  
Morgan & Morgan, contractors, Madison, Wis.  
Morgan, O. E., lumber, Gresham, Wis.  
Morgan Paint Co., Reading, Pa.  
Morgan, S. D., architect, Lisbon, N. H.  
Morgan Sash & Door Co., columns, lumber, moulding, etc., 2287 Blue Island av, Chicago, Ill.  
Morgan Silver Plate Co., hdwe. mfrs., Winsted, Conn.  
Morgan Spring Co., wire, springs & wire hardware mfrs., Worcester, Mass.  
Morgan Steel & Wire Co., fence staples, Kokomo, Ind.  
Morgan, W., & Co., heating contractors, 540 Brannan, San Francisco, Cal.  
Morgan, Walls & Morgan, architects, Van Nuys Bldg., Los Angeles, Cal.  
Morgan-West Box Co., packing, Memphis, Tenn.  
Morgan, Wm., cornices, Mahanoy City, Pa.  
Morgan & Williams Co., carriages, Warren, Ohio.  
Morgan & Wright, rubber tires, etc., Detroit, Mich.  
Morgan's C. Sons, wholesale hdwe., Wilkes-Barre, Pa.  
Morgan's Enoch Sons Co., soap, 439 West, New York.  
Morgans & Wilcox Mfg. Co., machsts., Middletown, N. Y.  
Morgantown Brick Co., masons' & bldrs.' matls., Morgantown, W. Va.  
Morgantown Hardware Co., cornices & skylights, Morgantown, W. Va.  
Morgantown Packing Co., canned goods, Morgantown, Ind.  
Morgenstern & Brill, advert. nov. & specialties, 26 W. 17th, New York.  
Morgenstern, F. Louis, contractor, Easton, Pa.



- Morgenstern, Geo. A., architect, Easton, Pa.  
Moriarty Bros., cornices & skylights, South Hadley Falls, Mass.  
Moriarty, E. A., cornices, 84 John, Hartford, Conn.  
Moriarty, G. J., range boilers, 28 Harvard, Boston, Mass.  
Moriarty, W. H., lbr., Waistfield, Vt.  
Morimura Bros., Japanese lanterns, 55 W. 23d, New York.  
Morin, Eugene, architect, Missoula, Mont.  
Morin, J. B., contractor, 90 Aiken, Lowell, Mass.  
Morin, S. J., saw gauges, Seattle, Wash.  
Morison, Augustus B., architect, Hasbrouck Heights, N. J.  
Morison Bros., fertilizer mfrs., Bangor, Me.  
Morison, David, contractor, 119 W. 33d, New York.  
Morison, W. K. & Co., wholesale hdwe., mill & facty. supplies, 15 S. 7th, Minneapolis, Minn.  
Moritz, F. G., masons' & bldrs.' matls., Pabst Bldg., Milwaukee, Wis.  
Moritz, Herman, & Excelsior Shrinking Co., machy., 310 6th av, New York.  
Moritz, Isaac, cornices & skylights, 1192 2d av, New York.  
Mork, P. F., fndrs., Beloit, Wis.  
Morkrum Co., machsts., 24 W. Austin, Chicago, Ill.  
Morley Bros., harness mfrs., wholesale hdwe., mill & facty. supplies, Saginaw, Mich.  
Morley Button Mfg. Co., upholsterers' tacks, Portsmouth, N. H.  
Morley Cypress Co., Morley, La.  
Morley, Geo., lbr. mfrs., U. T. Bldg., Detroit, Mich.  
Morley Mfg. Co., shoe buttons, insulating washers, 120 Boylston, Boston, Mass.  
Morley, Patrick J., contractor, 709 Wyandote, Kansas City, Mo.  
Morlock Machine Works, Danbury, Conn.  
Morlok, F., canned goods, Abington, Md.  
Morman, S. A., & Co., machsts. & bldrs.' matls., Grand Rapids, Mich.  
Morner & Smith, patterns & models, Dayton, Ohio.  
Morningside Distilling Co., Oak Ridge, Pa.  
Morningstar, Chas., & Co., tapioca flour & seal'g wax, 233 B'way, New York.  
Moroff, John, & Son, contractors, Bradley, Ill.  
Moroney Hardware Co., Dallas, Tex.  
Morrall Bros., machinists, Morral, Ohio.  
Morrall Clay Co., Morral, Ohio.  
Morrall Drain Tile Co., brick, Morral, Ohio.  
Morreau Co., machsts. & fndrs., 1305 Oregon av, N. E., Cleveland, Ohio.  
Morrell, John, & Co., canned goods & meat packers, Ottumwa, Ia.  
Morrell, John, & Son, architects, Clinton, Ia.  
Morrell, R. P., architect, Stockton, Cal.  
Morrice, Wm., Co., contractors, 17 N. La Salle, Chicago, Ill.  
Morrill, C. E., & Son, carriages, Readfield, Me.  
Morrill, Chas., tools, 100 Lafayette, New York.  
Morrill, Geo. H., Co., bronze powders, inks, size, etc., Norwood, Mass.  
Morrill & Morley Mfg. Co., pumps, Benton Harbor, Mich.  
Morrilton Cotton Oil Co., Morrilton, Ark.  
Morris, A. F., contractor, Bryant Bldg., Kansas City, Mo.  
Morris & Allan, contractors, Builders' Exch., Buffalo, N. Y.  
Morris & Bailey Steel Co., Slate, Pittsburgh, Pa.  
Morris, C. E., Co., steel structural work, Curtis av, Columbus, Ohio.  
Morris, C. L., masons' & bldrs.' matls., Plymouth, Ind.  
Morris Canning Co., Lambertville, N. J.  
Morris, Chas., architect, 16 E. 23d, New York.  
Morris, Chas. O., architect, Lombard Bldg., Indianapolis, Ind.  
Morris, Chas. S., common brick, Berlin, Wis.  
Morris China Co., potteries, Trenton, N. J.  
Morris & Co., bags & baskets, Groveville, N. J.  
Morris & Co., meat packers, 38 S. Dearborn, Chicago, Ill.  
Morris Cotton Mills Co., cotton sheetings, Catechee, S. C.  
Morris County Crushed Stone Co., Morristown, N. J.  
Morris & Cumings Dredging Co., 17 State, New York.  
Morris Cutlery Co., Morris, Ill.  
Morris, E. Joy, carousels, locomotives, etc., 902 Walnut, Philadelphia, Pa.  
Morris, E. K., & Co., heavy & wholesale hdwe., mill & facty supplies, etc., 317 W. 2d, Cincinnati, Ohio.  
Morris, Elias, & Sons Co., masons' & bldrs.' matls., Salt Lake City, Utah.  
Morris, Elmer P., Iron Works, iron lamp posts, etc., 136 Liberty, New York.  
Morris & Erskine, architects, Crozer Bldg., Philadelphia, Pa.  
Morris Fertilizer Co., Atlanta, Ga.  
Morris, G. E., architect, Elgin, Ill.  
Morris Grain Dryers & Salvage Co., Milwaukee, Wis.  
Morris, I. P., Co. machsts. & fndrs., Beach and Ball, Phila., Pa.  
Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.  
Morris Iron & Steel Co., iron works, Frederick, Md.  
Morris, J. F., masons' & bldrs.' matls., Warrenton, Ga.  
Morris, J. S., carriages, Waupun, Wis.  
Morris, John B., Fndry. Co., Court & Harriet, Cincinnati, Ohio.  
Morris-Jones-Brown Mfg. Co., excelsior mfrs., Dubuque, Ia.  
Morris, M. F., architect, Atlanta Nat'l Pk. Bldg., Atlanta, Ga.  
Morris Machine Wks., pumps, Baldwinville, N. Y.  
Morris Machy. Co., Huntington, W. Va.  
Morris Mfg. Co., caskets, etc., 10 Cross, Newark, N. J.  
Morris Metallic Packing Co., Lehigh av & Mutter, Phila., Pa.  
Morris Paper Mill Co., Morris, Ill.  
Morris, Percival J., architect, Burr Bldg., Scranton, Pa.  
Morris, R. B., Lbr. Co., Mount Olive, Miss.  
Morris, R. F., flour mills, Henderson, W. Va.  
Morris, R. W., Mfg. Co., metal & furniture polish, 815 E. 21st, Kansas City, Mo.  
Morris, Richard S., & Co., metal polish, 138 N. Dearborn, Chicago, Ill.  
Morris, Shepard & Dougherty, contractors, Globe Bldg., St. Paul, Minn.  
Morris, T. J., mill & facty. supplies, Springfield, Mass.  
Morris, Theo., W. Co., wholesale plate & window glass, 440 Canal, New York.  
Morris, Thos., Jr. (Est. of), archl. iron, Yonkers, N. Y.  
Morris, W. J., contractor, Trenton, N. J.  
Morris, Wheeler & Co., steel struct. dlrs., 1608 Market, Philadelphia, Pa.  
Morris, Wm. G., & Bro., masons' & bldrs.' matls., Frankfort, Ind.  
Morris, Wm., & Sons Co., sash, door & blind mfrs., 1000 W. 50th, Chicago, Ill.  
Morrison, Angus Co., mchsts. & fndrs., 189 High, Boston, Mass.  
Morrison Bros., tanks, Dubuque, Iowa.  
Morrison Bros. Co., stone prod., 459 South, Pittsburgh, Pa.  
Morrison, Chas. C., Co., paint mfrs., 15 S. Clinton, Chicago, Ill.  
Morrison, Charles H., canned goods, Aurora, Mo.  
Morrison Co., machsts., Mayo's Isle, Richmond, Va.  
Morrison Contracting Co., Cooper bldg., Denver, Colo.  
Morrison, D. B., Co., lumber, Morriston, Fla.  
Morrison, David G., stone prod., 373 Vernon av, Long Island City, N. Y.  
Morrison, E. W., architect, Hyde Bldg., Spokane, Wash.  
Morrison Fndry Co., 111 Gotthart, Newark, N. J.  
Morrison, Frank, crates, Marion, N. Y.  
Morrison, H. D., machinists, Charlotte, N. Y.  
Morrison & Harvey, lbr. mfrs., Valdosta, Ga.  
Morrison, J. L., Co., machsts., Niagara Falls, N. Y.  
Morrison, J. R., architect, 20 W. Jackson blvd., Chicago, Ill.  
Morrison, J. W., Lumber Co., 927 Lbr. Ex., Minneapolis, Minn.  
Morrison, Jas. J., Mach. Co., Paterson, N. J.  
Morrison, L. E., & Co., auto baskets, 27 W. Washington, Indianapolis, Ind.  
Morrison & Levanair, turpentine, Bartow, Fla.  
Morrison & McIntyre, turpentine, Fort Meade, Fla.  
Morrison, Merrill & Co., masons' & bldrs.' matls., Salt Lake City, Utah.  
Morrison Mill Co., lumber, Bellingham, Wash.  
Morrison, R. W., Constr. Co., International Life Bldg., St. Louis, Mo.  
Morrison, Richard H., who. h'dwe., 1200 3rd av, New York.  
Morrison-Ricker Mfg. Co., gloves—automobile, Grinnell, Ia.  
Morrison & Risman, scrap iron & steel, Bailey av & B'way, Buffalo, N. Y.  
Morrison Tent & Awning Co., 213 N. 3d, St. Louis, Mo.  
Morrison, W. E., brick, Statesville, N. C.  
Morrison, W. E., coiled elm hoops, Poplar Bluff, Mo.  
Morrison, W. H., mill & facty. supplies, Torrington, Conn.  
Morrison, Wm. E., & Son, contractors, Meadville, Pa.  
Morrison, Wm. L., architect, 70 Kilby, Boston, Mass.  
Morrison Woolen Co., woolen flannels, Dexter, Me.  
Morriss Bros., stone producers, Memphis, Tenn.  
Morrisset Carriage Co., Pueblo, Colo.  
Morrisset & Co., brick, Grassy Point, N. Y.  
Morristown Boat & Engine Co., Morristown, N. Y.  
Morrisville Fdry. Co., Morrisville, Vt.  
Morrow Bros., contractors, Fidelity Bldg., Baltimore, Md.  
Morrow Co., hand vacuum cleaners, Waukegan, Ill.  
Morrow, David W., architect, Garfield Bldg., Cleveland, O.  
Morrow & Garren, arch's., Chronicle Bldg., San Francisco, Cal.  
Morrow, Jas. R., spring beds, Ft. Wayne, Ind.  
Morrow, John, Co., cornices, 313 W. 20th, New York.  
Morrow & Licklider, masons' & bldrs. matls., Piqua, O.  
Morrow Mfg. Co., machinery & mine tipples, Wellston, O.  
Morrow Mfg. Co., machsts., Elmira, N. Y.  
Morrow Packing Co., Morrow, O.  
Morrow Thos. Hardware Co., Amarillo, Tex.  
Morrrows, J., Sons, flour, Oaks, N. C.  
Morsani Canning Co., Tontitown, Ark.  
Morschhauser, W. A., add'g mach'y., 1 Madison av, New York.  
Morse, A. J., & Son, couplings, nozzles, wrenches, etc., 221 High, Boston, Mass.  
Morse Adding Mach. Co., 430 N. Oakley, Chicago, Ill.  
Morse-Boulger Destructor Co., garbage disposal plants, 39 Cortlandt, New York.  
Morse Bros., machy. & supply Co., Denver, Colo.  
Morse Burton E., architect, Twin Falls, Idaho.  
Morse Canning Co., Mora, Wash.  
Morse Chain Co., power transmission appliances, Ithaca, N. Y.  
Morse & Co., lumber, Bangor, Me.  
Morse Dry Dock & Repair Co., Ft. 56th, Brooklyn, N. Y.  
Morse, E. W., Co., mill & facty. supplies, Binghamton, N. Y.  
Morse, Edward P., architect, Winthrop, Mass.  
Morse, Edwin K., arch'tl. eng'rs., 316 4th av, Pittsburgh, Pa.  
Morse, Frank E., Co., masons' & bldrs.' matls., 17 State, New York.  
**MORSE, FRANK W.**, electric lighting appliances for factories, mills & street lights, automobiles & motor boats, also attachments for household labor saving devices, mfrs., 293 Congress, Boston, Mass. *See adv index at end of book.*



- Morse, Fred S., lbr. mfrs., Springfield, Mass.  
Morse Gasoline Economizers Co., Barrington, R. I.  
Morse, H. A., & Co., lbr. mfrs., Walpole, Mass.  
Morse, H. M., architect, Citizens Bldg., Cleveland, O.  
Morse Hardware Co., Bellingham, Wash.  
Morse, Henry G., architect, 101 Park av. New York.  
Morse, J. F., & Co., soap, 66 Norfolk av. Rox., Boston, Mass.  
Morse-Klinkner Co., advertising novelties & specialties, 1212 Market, San Francisco, Cal.  
Morse, L., & Sons, window ventilators, Athol, Mass.  
Morse, Leonard, architect, 41 S. 15th, Philadelphia, Pa.  
Morse, R. F., gauge glass preservers, 86 Weybosset, Providence, R. I.  
Morse, Roy B., mill & factory supplies, 3d av & 35th, Brooklyn, N. Y.  
Morse & Son Co., steel sheets, 1881 E. 87th, Cleveland, Ohio.  
Morse, Tenney & Co., steamfitters' supplies, 143 Pearl, Boston, Mass.  
Morse Thermo Gage Co., Ithaca, N. Y.  
Morse Twist Drill & Machine Co., countersinks, cutters, dies, drills, gages, etc., New Bedford, Mass.  
Morse, Walter I., mill & facty. supplies, Andover, Mass.  
Morss, A. S., Co., hdwe. mfrs. (marine), 43 High, Boston, Mass.  
Morss & Whyte Co., bank railings, 33 Pearl, Boston, Mass.  
Mortensen & Co., brewery architects, 405 Lexington av, New York.  
Mortensen & Kelton, contractors, 1509 7th, Seattle, Wash.  
Mortenson Construction Co., 19th & Indiana, San Francisco, Cal.  
Mortenson, Jacob, Lumber Co., Wausau, Wis.  
Mortenson, Sam'l, & Co., pennant mfrs., 833 W. Jackson blvd, Chicago, Ill.  
Morton, A. M., & Co., mill & facty. supplies, 25 Washington, Boston, Mass.  
Morton Bros., contractors, 3517 Main, Kansas City, Mo.  
Morton Bros. & Co., contractors, Washington, Ind.  
Morton Canning Co., Morton, N. Y.  
Morton, E. D., & Co., machsts.' tools, mill, facty. & steamfitters' supplies, 516 W. Main, Louisville, Ky.  
Morton, Geo. L., Co., turpentine distillers, Wilmington, N. C.  
Morton, Gregson Co., meat packers, 80 E. Jackson blvd, Chicago, Ill.  
Morton, Jas. & Son, Co., whol. hdwe., Omaha, Neb.  
Morton Mfg. Co., metal planing, shaping & slotting machines, Muskegon Heights, Mich.  
Morton Motor Co., machsts., 46 Lafayette av. E. Detroit, Mich.  
Morton Oil Mills, Millen, Ga.  
Morton-Pettitt Co., whol. hdwe., mill & facty. supplies, 3951 St. Clair, Cleveland, Ohio.  
Morton, R. P., brick, Brickton, Minn.  
Morton Salt Co., soda ash, salt mfrs., etc., Railway Exchange Bldg., Chicago, Ill.  
Morton-Simmons Hardware Co., Wichita, Kans.  
Morton & Son Co., counters, Rochester, N. Y.  
Morton, Thom., sash chains & hdwe. mfrs., 245 Center, New York.  
Morton, Thos. S., & Son, machsts., Blooming Prairie, Minn.  
Morton Truck & Tractor Co., Harrisburg, Pa.  
Morton & West, architects, 16 State, Boston, Mass.  
Morton, Wm. A., contractor, Wabash Bldg., Pittsburgh, Pa.  
Morton's, John, Sons Co., masons' & bldrs.' matls., 387 Carroll, Brooklyn, N. Y.  
Mosaic Shade Co., 415 W. Superior, Chicago, Ill.  
Mosaic Tile Co., Zanesville, Ohio.  
Mosberger Lbr. Co., 653 Morlin av. St. Louis, Mo.  
Mosby-Goodrich Constr. Co., N. Y. Life Bldg., Kansas City, Mo.  
Moschel, Jacob, Sons, meat packers, 153 Peckham, Buffalo, N. Y.  
Mosechl-Edwards Corrugating Co., metallic windows, etc., Covington, Ky.  
Mosehart & Keller Co., carriages, Houston, Tex.  
Moseley & Co., knitted gloves, Needham Heights, Mass.  
Moseley-Horne Co., starch mfrs., Keokuk, Iowa.  
Moseley Lathe Co., Elgin, Ill.  
Moseley & Motley Milling Co., flour, Rochester, N. Y.  
Moser, A. J., & Co., machsts. & fndrs., Berne, Ind.  
Moser, A. P., architect, 803 1/2 E. Main, Richmond, Va.  
Moser, Chas., Co., paints, 227 E. 9th, Cincinnati, Ohio.  
Moser, Geo. W., flour mills, Evening Shade, Ark.  
Moser, M. A., contractor, Raleigh, N. C.  
Moser Mfg. Co., machsts. & fndrs., Kane, Pa.  
Moser Pattern & Fdry. Co., match plates, Newark, Ohio.  
Moser, Philip B., architect, Dickson Bldg., Norfolk, & 1108 E. Main, Richmond, Va.  
Moser, Wm., brick, Perrysburg, Ohio.  
Moses, A., Sons & Co., sponges & chamois imp., 73 Wooster, New York.  
Moses, Arnold H., architect, 136 S. 4th, Philadelphia, Pa.  
Moses, Chas. A., Construction Co., 133 W. Washington, Chicago, Ill.  
Moses, F. L. & Bro., flour mills, Chatham, Va.  
Moses, Geo. C. & Son, masons' & bldrs.' matls., Junction City, Ia.  
Moses, Lionel 2d, architect, 101 Park av. New York.  
Moses, Pope & Messer, chem. engrs., 366 5th av, New York.  
Mosheik, Philip, wash boilers 1108 S. Halsted, Chicago, Ill.  
Mosher & Castle, masons' & bldrs.' matls., Sandwich, Ill.  
Mosher, F. M., racks, Canton, Ill.  
Mosher, J. R., fndrs., Greene, N. Y.  
Mosher Mfg. Co., machsts. & fndrs., Dallas, Tex.  
Mosier & Summers, contractors, 1266 Seneca, Buffalo, N. Y.  
Mosinee Land, Log & Timber Co., lumber, Mosinee, Wis.  
Moskowitz Bros., scrap iron, rubber, 7th & Freeman, Cincinnati, Ohio.  
Mosle, H., & Co., cement importers, Galveston, Tex.  
Mosler, A. R., & Co., carburetors, ignition cables, spark plugs, etc., Webster & Wakefield avs, New York.  
Mosler Safe Co., bank vaults, safes, etc., Hamilton, Ohio.  
Mosler Safe Co., safety deposit boxes, Canton, Ohio.  
Moss, Arthur J., circular & band saws, knives, etc., 178 Center, New York.  
Moss Bros. Mfg. Co., corn cutting machs., Davenport, Iowa.  
Moss, C. W., masons' & bldrs.' matls., 218 Tennyson, Cincinnati, Ohio.  
Moss, Chas. E., Co., blue prints, 38 Broad, Boston, Mass.  
Moss, Geo. A., machsts., Plymouth, Pa.  
Moss, Hy., & Co., rubber stamps, 37 Beaver, New York.  
Moss, J. E., Iron Wks., archl. iron, Wheeling, W. Va.  
Moss & Kendall, machsts. & fndrs., 550 W. 25th, New York.  
Moss, L. R., architect, Bk. of Com. Bldg., Norfolk, Va.  
Moss, Morris L., cornices, 38 S. Eden, Baltimore, Md.  
Moss Point Fertilizer Co., Moss Point, Miss.  
Moss, R. L., Mfg. Co., lumber, Athens, Ga.  
Moss & Satterlee, elec. ry. supplies, Kansas City, Mo.  
Moss, T. J., Tie Co., Security Bldg., St. Louis, Mo.  
Moss, W. E., mach. fndr., Charles City, Ia.  
Mossberg, Frank, Co., advertising novelties, etc., Attleboro, Mass.  
Mossberg Wrench Co., machsts., Central Falls, R. I.  
Mosser, J. K., Co., boot counters, Williamsport, Pa.  
Mosser, W. F., & Son, machsts. & fndrs., Allentown, Pa.  
Mossman Bros. Co., masons' & bldrs.' matls., Huntington, W. Va.  
Mossman, Jerome (Est. of), wood novelties, Fitchburg, Mass.  
Mossman, Wm. E., lumber mfrs., Ft. Wayne, Ind.  
Mossman, Yarnelle & Co., machy. dhrs., Fort Wayne, Ind.  
Mosso, C. A., compounds, 2253 Warren av, Chicago, Ill.  
Mostberger Iron Co., 878 S. Division, Buffalo, N. Y.  
Motch & Merryweather Machy. Co., machsts' tools, 711 Lakeside av. N. W., Cleveland, Ohio.  
Motionscope Co., moving picture films, 107 S. Capitol av, Indianapolis, Ind.  
Motkins, A. L., & Sons, contractors, 23 Church, New Haven, Conn.  
Motl, Chas. K., architect, 117 Fort W., Detroit, Mich.  
Motley, Jas. H., mill & facty. supplies, 71 Beaver, New York.  
Motley, Thornton N., & Co., contrs. tools & supplies, 70 E. 45th, New York.  
Motor Age, trade publication, 5 S. Wabash, Chicago, Ill.  
Motor Boat, trade publication, 110 W. 40th, New York.  
Motor Car Equip. Co., horns & valve grind'g compounds, 19 W. 62nd, New York.  
Motor Car Spring Co., castings, screw machy. prod. & metal stamp'g, 243 W. 17th, New York.  
Motor Car Supply Co., 1453 Michigan av, Chicago, Ill.  
Motor Conveyance Co., 420 Jefferson, Milwaukee, Wis.  
Motor Fdry. Co., 710 Hart av, Detroit, Mich.  
Motor & Machsts. Supply Co., metal polish, 1519 Grand, Kansas City, Mo.  
Motor Sheet Metal Wks., cornices & skylights, Seattle, Wash.  
Motor Spec. Co., Waltham, Mass.  
Motor Truck Body Co., auto. bodies, Central & Wabash R. R., Detroit, Mich.  
Motor World, trade publication, 239 W. 39th, New York.  
Motorcycle Equipment Co., Hammondsport, N. Y.  
Motsinger Device Mfg. Co., carburetors, machsts. & fndrs., Lafayette, Ind.  
Motsinger Rotary Engine Co., Fredonia, Pa.  
Mott, A. H., architect, Nebraska Bldg., Tulsa, Okla.  
Mott, Chas. Earle, architect, Prudential Bldg., Buffalo, N. Y.  
Mott Haven Color Wks., varnish, paint, etc., 395 Mott av, New York.  
Mott, J. L., Iron Works, plumbing fixtures, Trenton, N. J.  
Mott Sand Blast Mfg. Co., 24 S. Clinton, Chicago, Ill.  
Mott, Wallace A., label, gummed tapes, Norwalk, Conn.  
Mott Wheel Works, Jackson, Mich.  
Mottet, Jacob, & Son, carriages, Canton, Ohio.  
Mottet's, Geo. F., Sons, mill & factory supplies, York, Pa.  
Mottey Bros. Elec. Co., signs, Memphis, Tenn.  
Mottu, Theo., & Co., sash, door & blind mfrs., 1022 Penna av, Baltimore, Md.  
Mottu & Whyte, architects, 322 N. Charles, Baltimore, Md.  
Motz, C. C., architect, Stahlman Bldg., Nashville, Tenn.  
Motz Clincher Tire & Rubber Co., Akron, Ohio.  
Motz, W. E., cornices, 1197 Michigan, Detroit, Mich.  
Mouat-Squires Co., radiator valves, 1246 W. 4th, Cleveland, O.  
Moudy, T. S., & Co., contractors, Chattanooga, Tenn.  
Moul, C., & Co., sash, door & blind mfrs., Hanover, Pa.  
Moul, Henry S., architect, Gloversville, & Hudson, N. Y.  
Moul, J. H., & Sons, lime, Bittinger, Pa.  
Mould, C. T., architect, Pottsville, Pa.  
Mould, F. W., granite, Morrisville, Vt.  
Moulding, Thos., Brick Co., 133 W. Washington, Chicago, Ill.  
See adv index at end of book.  
Moulds & Brown, contractors, Rowland Bldg., Detroit, Mich.



- Moulton, A. H., hgt. contr., Portland, Me.  
Moulton, C. W. H., Co., clothes bars, roof brackets, wagon jacks, etc., Somerville, Mass.  
Moulton Engineering Corp., chemical engineers, 120 Exchange, Portland, Me.  
Moulton & Evans, grain elev. bldrs., Minneapolis, Minn.  
Moulton, G. H., Co., ladders, Somerville, Mass.  
Moulton Ladder Co., York Corner, Me.  
Moulton, W. A., canned goods, Phoenix, N. Y.  
Moulton Wireless Umbrella Co., Wilmington, Ohio.  
Moultrie Cotton Mills, Moultrie, Ga.  
Moultrie Fertilizer & Mfg. Co., Moultrie, Ga.  
Moultrie Oil & Fertilizer Co., Moultrie, Ga.  
Mounce, D. H., & Co., sashes, doors & blinds, Moberly, Mo.  
Mound City Brick & Gas Co., Mound City, Kans.  
Mound City Buggy & Auto Co., carriages, Broadway & Cass, St. Louis, Mo.  
Mound City Cut Glass Wks., Moundsville, W. Va.  
Mound City Duck & Rubber Co., contrs.' tents, 832 N. B'way, St. Louis, Mo.  
Mound City Iron Wks., St. Louis, Mo.  
Mound City Mach. & Pattern Wks., St. Louis, Mo.  
Mound City Oil & Supply Co., lubrg., 204 N. Commercial, St. Louis, Mo.  
Mound City Paint & Color Co., 1531 N. 11th, St. Louis, Mo.  
Mound City Roofing Tile Co., 3301 Morganford rd, St. Louis, Mo.  
Mound Coffin Co., Main & Chambers, St. Louis, Mo.  
Mound, Rose, Cornice Co., 726 N. Euclid av, St. Louis, Mo.  
Mound Tool Co., 1205 S. 7th, St. Louis, Mo.  
Mound Valley Glassware Mfg. Co., Mount Valley, Kans.  
Moundridge Milling Co., flour, Moundridge, Kans.  
Mounster, R. C., masons' & bldrs.' matls., Charleroi, Pa.  
Mount, A. P., & Son, architects, Corry, Pa.  
Mount Airy Buggy Co., Mount Airy, N. C.  
Mount Airy Granite Cutting Co., Mount Airy, N. C.  
Mount & Brady, leather belting mfrs., 46 Mechanic, Newark, N. J.  
Mount Calvary Canning Co., Mount Calvary, Wis.  
Mount Carmel Brass Fdry. Wks., hook head bolts, Mount Carmel, Conn.  
Mount Carmel Iron Wks., machsts. & fndrs., Mount Carmel, Pa.  
Mount Clemens Brick & Tile Co., Mount Clemens, Mich.  
Mount Clemens Sugar Co., Mount Clemens, Mich.  
Mount Gilead Lumber Co., Mount Gilead, Ohio.  
Mount Gilead Tile & Pottery Co., flower pots, Mount Gilead, O.  
Mount Gretna Brownstone Co., Lebanon, Pa.  
Mount, Henry, architect, Brownwood, Tex.  
Mount Holyoke Tissue Mills, Holyoke, Mass.  
Mount Hood Soap Co., Portland, Ore.  
Mount Hope Chemical Charcoal Wks., Mount Hope, Pa.  
Mount, J. W., Co., auto. metal bodies, Maple av, Red Bank, N. J.  
Mount Morris Canning Co., Mt. Morris, N. Y.  
Mount Olive Brick & Tile Co., Mount Olive, Ill.  
Mount Olive Stave Co., cooperage stock, Batesville, Ark.  
Mount Penn Sand & Stone Wks., Reading, Pa.  
Mount Penn Stove Wks., Reading, Pa.  
Mount Pleasant Banding Co., New Bedford, Mass.  
Mount Pleasant Canning Co., Mount Pleasant, Ia.  
Mount Pleasant Fertilizer Co., Mt. Pleasant, Tenn.  
Mount Pulaski Wind Mill Co., Mount Pulaski, Ill.  
Mount Shasta Milling Co., flour, Montague, Cal.  
Mount Tom Sulphite Pulp Co., 50 State, Boston, Mass.  
Mount Union Refractories Co., brick, Mount Union, Pa.  
Mount Union Tanning & Extract Co., Mount Union, Pa.  
Mount Vernon Belting Co., 333 Warren av, Baltimore, Md.  
Mount Vernon Bridge Co., Mount Vernon, Ohio.  
Mount Vernon Car Mfg. Co., Mount Vernon, Ill.  
Mount Vernon Cream Co., canned goods, Seattle, Wash.  
Mount Vernon Dist. Co., Eastern av & 16th, Baltimore, Md.  
Mount Vernon Lime Co., Mount Vernon, Ky.  
Mount Vernon Mattress & Furn. Co., Mount Vernon, Ill.  
Mount Vernon Straw Board Co., Mount Vernon, Ind.  
Mount Vernon-Woodberry Mills, cotton goods mfrs., Balto., Md.  
Mount Waldo Granite Wks., Frankfort, Me.  
Mountain City Cabinet Co., Chattanooga, Tenn.  
Mountain City Fdry. & Mach. Wks., Greenville, S. C.  
Mountain City Mill Co., flour, Chattanooga, Tenn.  
Mountain City Milling Co., flour, Greenville, S. C.  
Mountain City Stove & Fdry. Co., Fairmont, W. Va.  
Mountain City Stove & Mfg. Co., Chattanooga, Tenn.  
Mountain Copper Co., 332 Pine, San Francisco, Cal.  
Mountain Dist. Co., 131 W. 3d, Cincinnati, Ohio.  
Mountain Grove Distilling Co., 325 N. Main, St. Louis, Mo.  
Mountain Iron Wks. Co., Denver, Colo.  
Mountain Mill Paper Co., Lee, Mass.  
Mountain Milling Co., flour, White Sulphur Springs, W. Va.  
Mountain Paper Co., Wilkes-Barre, Pa.  
Mountain Timber Co., lumber, Kalama, Wash.  
Mountford Mfg. Wks., cameras, Dumont, N. J.  
Mountford & Son, potters' supplies, East Liverpool, Ohio.  
Mountjoy, Carl H., architect, 1452 Bryden rd, Columbus, Ohio.  
Mountjoy & French, architects, Ch. of Com. Bldg., Denver, Colo.  
Mountstephen, Edw. J., architect, U. B. Bldg., Dayton, Ohio.  
Mountville Brick Co., Mountville, Pa.  
Mountville Mfg. Co., agricultural implements, Mountville, Pa.  
Mourot, Julien, architect, 812 15th, Modesto, Cal.  
Mousam Counter Co., 121 Beach, Boston, Mass.  
Mousley, Arthur J., buttons, 673 S. 16th, Newark, N. J.  
Mousley's, Chas., Sons, machsts. & fndrs., 437 N. 12th, Philadelphia, Pa.  
Mousette, O. J., Co., water cinder mills, 22 Clay, Brooklyn, N. Y.  
Moustgaard, M., masons' & bldrs.' matls., 2016 N. Kostner av, Chicago, Ill.  
Mouton Lumber Co., Lafayette, La.  
Movg Picture World, trade publication, 17 Madison av, New York.  
Movius, Hallam L., landscape archs., 89 State, Boston, Mass.  
Movius & Rotch, landscape architects, 89 State, Boston, Mass.  
Mowat Lumber Co., Edmonds, Wash.  
Mowbray & Robinson Co., lbr., 8th & Horn, Cincinnati, Ohio.  
Mowbray & Uminger, architects, 56 Liberty, New York.  
Mowday, David Y. (Est. of), furniture, Norristown, Pa.  
Mowell, Augustus, & Co., relief valves, Paterson, N. J.  
Mower, Chas. D., architect, Lafayette Bldg., Philadelphia, Pa.  
Mower, Earl A., shoe counters, Lynn, Mass.  
Mowers, H. H., & Co., brick, Grover Hill, Ohio.  
Mowery, W. R., architect, Great Falls, Mont.  
Mowly, W. L., architect, Unity Bldg., Boston, & 40 Avon Hill, Cambridge, Mass.  
Mowry Car Wheel Wks. Co., brake shoes, Cincinnati, Ohio.  
Mowry, David C., & Son, tents, wagon covers, etc., Geneva, Neb.  
Mowry, Jacob, contractor, Royersford, Pa.  
Moxeys Mfg. Co., fertilizer, Moxeys, Ga.  
Moxey, J. E., Jr., architect, 1709 Edmonston av, Balto., Md.  
Moyer, A. F., architect, Louis blk., Dayton, Ohio.  
Moyer, Chas. L., & Co., machsts., 85 W. Harrison, Chicago, Ill.  
Moyer, Chas., & Son, contractors, Niagara Falls, N. Y.  
Moyer & Co., brick, Reading, Pa.  
Moyer Engng. & Constr. Co., 375 Fulton, Brooklyn, N. Y.  
Moyer, Gabriel, steam fitters' supplies, Mount Joy, Pa.  
Moyer, H. A., automobile bldrs., Syracuse, N. Y.  
Moyer, Jerome, contractor, Sedalia, Mo.  
Moyer Mfg. Co., feed & litter carriers, Montevideo, Minn.  
Moyer & Pratt, paper & pulp mills, Lyonsdale, N. Y.  
Moyer-Shaw Mfg. Co., metal novelties & spec., Detroit, Mich.  
Moyer & Son, masons' & bldrs.' matls., Souderton, Pa.  
Moyer, Tilgman H., architect & contr., 824 Hamilton, Allentown, Pa.  
Moyle, E. H., Engineering & Equipment Co., grinding & crushing mills, Los Angeles, Cal.  
Moyles, Peter, contractor, Wilkes-Barre, Pa.  
Moyles, Wm., contractor, Wilkes-Barre, Pa.  
Moynahan & Duchene, archt. iron, 122 State, Detroit, Mich.  
Moynes, Jas. A., & Co., contrs., 231 Milwaukee av, Detroit, Mich.  
Moynihan, C. S., steam hgt. contrs., 1814 N. Grand av, St. Louis, Mo.  
Moynihan, T. J., & Co., boilers, 401 Folsom, San Fran., Cal.  
Mozar & Co., jewelry cases, 38 Maiden la, New York.  
Mozier, H. P., architect, 334 S. Dearborn, Chicago, Ill.  
Muscatine Lumber & Coal Co., Muscatine, Ia.  
Muchison, Kenneth M., architect, 101 Park av, New York.  
Muchmore, Geo. V., masons' & bldrs.' matls., Summit, N. J.  
Muckenfuss Mfg. Co., corn brooms, Spartanburg, S. C.  
Mucklow, Evan S., architect, 908 Chestnut, Philadelphia, Pa.  
Muddox, H. C., sewer pipe, Sacramento, Cal.  
Mudford, Wm., cornices, Lansing, Mich.  
Mudge & Co. cranes, 80 E. Jackson Blvd, Chicago, Ill.  
Mudrak, Rudolph, architect, 314 18th, Galveston, Tex.  
Muehlman, Harry G., archt., 505 Wash. Arcade, Detroit, Mich.  
Muehlmann, Adolph, ball vises, 17 Lion Bldg., Cincinnati, Ohio.  
Muehlstein, H., & Co., scrap rubber, 114 W. Van Buren, Chicago, Ill.  
Mueller, A. H., Htg. Co., Mass. Bldg., Kansas City, Mo.  
Mueller & Brockmeyer, archts., Arcade Bldg., East St. Louis, Ill.  
Mueller Bros. Art & Mfg Co., mats, 2641 Polk, Chicago, Ill.  
Mueller, Chas. R., & Sons, machsts., 75 Shelby, Detroit, Mich.  
Mueller Co., heating contrs., 168 Reed, Milwaukee, Wis.  
Mueller Construction Co., 179 W. Wabash, Chicago, Ill.  
Mueller, Eric, machst., Princeton, Wis.  
Mueller, F. C., & Co., shooting galleries, 1702 N. Western av, Chicago, Ill.  
Mueller, Frank C., & Co., contractors, 3933 Chouteau av, St. Louis, Mo.  
Mueller, Fred'k G., architect, Hamilton, Ohio.  
Mueller, Gustave A., brewery archt., Breitmeyer Bldg., Detroit, Mich.  
Mueller, H. G., Lbr. & Mfg. Co., sash, door & blind mfrs., Sheboygan, Wis.  
Mueller, H. H., meat, Jackson, Mo.  
Mueller, H., Mfg. Co., machsts., fndrs.' & plumbers' supplies—jobbers, Decatur, Ill.  
Mueller, H. P., fndr. 219 Lombard, St. Louis, Mo.  
Mueller, H. W., stone producer, Columbus, Ohio.  
Mueller, Henry, contractor, Dubuque, Ia.  
Mueller, Henry B., architect, Saginaw, Mich.  
Mueller, John, Co., contractors, 302 E. 87th, New York.  
Mueller, John, Co., masons' & bldrs.' matls., Hartwell, Ohio.  
Mueller, L. J., Furnace Co., furnaces, 197 Reed, Milwaukee, Wis.  
Mueller Lumber Co., Davenport, Ia.  
Mueller Mach. Co., Trenton, N. J.  
Mueller Machine Tool Co., 2427 Colerain, Cincinnati, Ohio.  
Mueller Mosaic Co., art, encaustic & ceramic tiles, Trenton, N. J.



- Mueller, P. L., landscape archt., 4845 Bryant, S. Minneapolis, Minn.
- Mueller, R. S., clips, connectors, etc., 42 High av, S. E., Cleveland, Ohio.
- Mueller, Rudolph, patterns & models, 2122 Chestnut, Milwaukee, Wis.
- Mueller & Son Co., packing box mfrs., 361 Canal, Milwaukee, Wis.
- Mueller, V., & Co., instruments, 1779 Ogden av, Chicago, Ill.
- Mueller, Vincent G., architect, 506 N. Vandeventer av, St. Louis, Mo.
- Mueller, Wathen & Kobert, distillers, Lebanon, Ky.
- Mueller & Werking, architects, 17½ N. 9th, Richmond, Ind.
- Mueller, Wm., & Co., insulator films, 332 S. Michigan, Chicago, Ill.
- Muench, Geo., bronze powder machines, Stamford, Conn.
- Muenzenmaier & Smith, brick, Dallas City, Ill.
- Muenzenmayer, J. J., & W. F., mill & facty. supplies, Junction City, Kans.
- Mufson, M., contractor, 115 Norfolk, New York.
- Mugge, A. B., architect, Tampa, Fla.
- Mugler's Iron Wks., stair & gates bldrs., 841 E. 136th, New York.
- Muhl, F. C., & Son, cornices & skylights, Bloomington, Ill.
- Muhlenberg Bros., architects, 513 Penn. Reading, Pa.
- Muhlenberg, Frederick A., archt., Colonial Trust Co. Bldg., Reading, Pa.
- Muhlethaler, Th., Co., oils, 80 John, New York.
- Muhs, Hy., Co., meat packers, Paterson, N. J.
- Muhs Mfg. Co., jewelry cases, 114 Kearny, San Fran., Cal.
- Muir, Jas. A., boards—binders, leather, etc., Morristown, N. J.
- Muir, Jas. F., & Co., contractors, 2395 University av, Minneapolis, Minn.
- Muir, John, masons' & bldrs.' matls. Manchester, N. H.
- Muir-O'Sullivan Dredge & Dock Co., Port Huron, Mich.
- Muir & Symon, machsts., 1015 Battery, San Francisco, Cal.
- Muir, Thos., North Coast Contract Co., Portland, Ore.
- Muirhead, Jno., & Son, miners' spades, tools, etc., Pittston, Pa.
- Muirhead, Robt., stone, 76 Montgomery, Jersey City, N. J.
- Mukilteo Shingle Co., lumber, Everett, Wash.
- Mukle Bros. Mfg. Co., pulp & cardboard, Clearwater, Minn.
- Mulberry Fdry. & Machy. Co., Mulberry, Fla.
- Mulberry Roof'g Co., cornices & skylights, 208 Mulberry, New York.
- Mulby Bros., brick, Linden Heights, Ohio.
- Mulcahy Bros., contractors, 180 Jessie, San Francisco, Cal.
- Mulconroy Co., rubber goods, 54th & Jefferson, Phila., Pa.
- Mulford Coal & Lumber Co., masons' & bldrs.' matls., Elizabeth, N. J.
- Mulford, H. K., Co., granulating, tablet, capsule machines, 428 S. 13th, Philadelphia, Pa.
- Mulgrew, F. A., & Sons, lbr. mfrs. & whol. dtrs., ft. E. 8th, New York.
- Mulhaupt, F. Joseph, emblems & badges, Lafayette, Ind.
- Mulhens & Kropff, soap, 25 W. 45th, New York.
- Mulhern Steam Htg. Co., steam & hot water htg. contr., 103 Park av, New York.
- Mulholland Co., machsts., Dunkirk, N. Y.
- Mulholland Hatch Fastener Co., Marion Bldg., Cleveland, Ohio.
- Mulholland, Wm., boiler cleaners, brushes & brooms, 79 White, New York.
- Mulinari, P., burning brands, stencils, etc., 118 Light, Baltimore, Md.
- Mullay, Thos. H., architect, 53 W. Jackson, Chicago, Ill.
- Mullen-Blackledge-Nellis Co., canned goods, Brazil, Ind.
- Mullen Bros. Paper Co., St. Joseph, Mich.
- Mullen, J. L., Constr. Co., Wabash Bldg., Pittsburgh, Pa.
- Mullen, Jas. A., contractor, 5512 Vine, Philadelphia, Pa.
- Mullen, John, & Son, machsts. & fndrs., Shamokin, Pa.
- Mullen Replaceable Vault Light Co., Hartje Bldg., Pittsburgh, Pa.
- Mullen, W. B., masons' & bldrs.' matls., 319 Washington, Boston, Mass.
- Mullen, Wesley, architect, Maple Glen, Pa.
- Muller, Bernhardt E., architect, 477 5th av, New York.
- Muller Bros., canned goods, Oakland, Cal.
- Muller, Chas. H. A., architect, 322 15th, West New York, N. J.
- Muller & Co., contractors, Hoboken, N. J.
- Muller, E. A., & Bro., cornices & skylights, 687 4th av, Brooklyn, N. Y.
- Muller, E. B., & Co., chicory, Port Huron, Mich.
- Muller, Franklyn H., & Co., sanitary flooring, Waukegan, Ill.
- Muller, Fred, machsts., 214 Lackawanna av, Newark, N. J.
- Muller, Geo. W., Bank Fixture Co., Atlanta, Ga.
- Muller, Gloria, Mills, umbrella cloth, Norwalk, Conn.
- Muller, Harry, cornices, Woodbury, N. J.
- Muller, J. A., lithographic & print'g inks, 254 Pearl, New York.
- Muller, Julius, sweaters, cardigans, etc., 13 Bleecker, Brooklyn, N. Y.
- Muller, Max, architect, 115 Nassau, New York.
- Muller, Oscar, Co., add'g machs., 32 B'way, New York.
- Muller, R., & Co., cornices & skylights, 358 E. 151st, New York.
- Mullett, A. B., & Co., archts., Union Trust Bldg., Wash., D. C.
- Mullett Bros., common brick, Nappanee, Ind.
- Mullgardt, Louis C., architect, Chronicle Bldg., San Fran., Cal.
- Mullica, W. F., machinist, Ortonville, Minn.
- Mulligan-Bilgman Co., soap, 670 W. Randolph, Chicago, Ill.
- Mulliken, Harry B., architect, Park av. & 41st, New York.
- Mullin, Charles Whitely, architect, 507 5th av, New York.
- Mullin, D. W., & Co., slasher cylinders, Lowell, Mass.
- Mullin, Dan., machst. & fndr., 520 W. 22d, New York.
- Mullin, Jos., masons' & bldrs.' matls, Lowell, Mass.
- Mullin & Wendt, piano cases, New Brunswick, N. J.
- Mulliner Box & Planing Co., hard wood doors, Quincy, Ill.
- Mullins Mfg. Co., cattle stanchions, feed mangers, milking machines, Brillion, Wis.
- Mullins, W. H., Co., motor bt., launch & yacht bldrs., etc., 341 Franklin, Salem, Ohio.
- Mullon Bros., architect'l & ornamental iron, 1 Devoe, Brooklyn, N. Y.
- Mulrein, J. H., Plumbing Supply Co., Phoenix, Ariz.
- Mulstein, Jno., Co., machsts. & fndrs., 211 3d av, B'klyn, N. Y.
- Multi-Color Copying Co., blue prints, 125 Woodward av, Detroit, Mich.
- Multi Electric Mfg. Co., service boxes & soldering irons, 703 Fulton, Chicago, Ill.
- Multi-Lux Illuminating Co., reflectors (show case), 6712 Union av, Cleveland, Ohio.
- Multi-Metal Separating Co., 68 E. 131st, New York.
- Multi Phonograph Co., talking machines, Winonah, Minn.
- Multiple Storage Battery Co., 427 W. 50th, New York.
- Multiplex Concrete Machinery Co., Elmore, Ohio.
- Multiplex Display Fixture Co., 918 N. 10th, St. Louis, Mo.
- Multiplex Faucet Co., molasses gates, St. Louis, Mo.
- Multipost Co., postage stamp affixing machs., Rochester, N. Y.
- Multi-Refillable Fuse Co., 703 Fulton, Chicago, Ill.
- Multi Signal Co., 210 B'way, Boston, Mass.
- Multnomah Lumber & Box Co., Portland, Ore.
- Multnomah Trunk & Bag Co., Portland, Ore.
- Mulvanity, T. (Est. of), granite, Nashua, N. H.
- Mulvey, Chas., Mfg. Co., concrete hangers & tie rods, 1840 Carroll av, Chicago, Ill.
- Mumaw David G., brick, Stone Creek, Ohio.
- Mumby Lumber & Shingle Co., Bordeaux, Wash.
- Mumford, E. H., Co., fndry molding, & squeezing machines, rammers, etc., Elizabeth, N. J.
- Mumford Molding Machine Co., 2059 Elston, Chicago, Ill.
- Mumford Packing Co., Showell, Md.
- Mumm, Fred J., contractor, 174 Best, Buffalo, N. Y.
- Mummert, Dixon Co., grinders, machy., etc., Hanover, Pa.
- Mummert, Jonas S., machst. & fndr., Aurelia, Ia.
- Mummert, W. C., & Co., veneer, Wawaka, Ind.
- Muncie Boiler & Sheet Iron Wks., Muncie, Ind.
- Muncie Bldrs. Supply Co., masons' & bldrs.' matls., Muncie, Ind.
- Muncie Casket Co., Muncie, Ind.
- Muncie Fndry. & Mach. Co., Muncie, Ind.
- Muncie Gear Wks., for automobiles, Muncie, Ind.
- Muncie Lumber Co., Muncie, Ind.
- Muncie Mould Wks., Muncie, Ind.
- Muncie Oil Engine Co., Muncie, Ind.
- Muncie Ornamental Iron Wks., Muncie, Ind.
- Muncie Wheel Co., for carriages & wagons, Muncie, Ind.
- Muncy, Thos. F., & Son, ship bldrs., Bay Shore, N. Y.
- Muncy Woolen Mills Co., woolen blankets, Muncy, Pa.
- Munday, J. A., & Son, cornices & skylights, Knoxville, Tenn.
- Munday Mill & Elevator Co., flour, Munday, Tex.
- Munden, R. A., architect, Petersburg, Va.
- Mundet, L., & Sons, life preservers & cork mfrs., Ferris, Brooklyn, N. Y.
- Mundie, Alex., granite, Quincy, Mass.
- Mundie & Jensen, architects, 30 S. La Salle, Chicago, Ill.
- Mundorf Chain Wks., York, Pa.
- Mundt, Chas., & Sons, perforated metals, 53 Fairmount av, Jersey City, N. J.
- Mundt, H. C., contractor, Oil City, Pa.
- Mundy, H. H., architect, Miami, Fla.
- Mundy, J. S., Hoisting Engine Co., 722 Frelinghuysen av, Newark, N. J. *See adv index at end of book.*
- Munford, E. H., Co., machy., Elizabeth, N. J.
- Munger, A. F., contractor, Corry, Pa.
- Munger & Bennett, lbr., Camden, N. J.
- Munger & Munger, cornices & skylights, Pasadena, Cal.
- Munger Oil & Cotton Co., meal, Mexia, Tex.
- Munger, Walter R., Co., architects Lyric Theatre Bldg., Cincinnati, Ohio.
- Mungo, A., contractor, 391 E. 149th, New York.
- Munhall, R. J., Lumber Co., Sidney & Brady, Pittsburgh, Pa.
- Munich Art Glass Co., 667 Mission, San Francisco, Cal.
- Munich Studio, glass stainers, 300 W. South Water, Chicago, Ill.
- Municipal Engineering, trade publication, 538 S. Clark, Chicago, Ill. *See adv index at end of book.*
- Municipal Engineering & Construction Co., Oklahoma, Okla.
- Municipal Engineering & Contracting Co., Railway Exchange, Chicago, Ill.
- Municipal Journal & Engin'r, trade publication, 239 W. 39th, New York.
- Munising Co., lumber, Munising, Mich.
- Munising Paper Co., Munising, Mich.
- Munkwitz, Edw. H., Co., machsts., 159 Muskego, Milwaukee, Wis.
- Munn & Co., trade publications, 699 Woolworth Bldg., New York. *See adv index at end of book.*
- Munn, G. J., architect, Pittsburgh, Kans.
- Munn Piano Co., Walton, N. Y.



- Munn, Thos. C., Co., motor boats & rafts, Wilmington, Del.  
Munning-Loeb Co., brass fndrs., Matawan, N. J.  
Munns, E. A., Kalsomine Co., waterproof'g matls., 217 Fulton, Brooklyn, N. Y.  
Munnsville Plow Co., screw jacks, Munnsville, N. Y.  
Munro, Daniel, machsts. & fndrs., 433 S. Jefferson, Chicago, Ill.  
Munro, Robt. A., & Co., bone-meal, oils, etc., 56 Pine, New York.  
Munroe Edw. K., contractor, 212 Clay, Baltimore, Md.  
Munroe Falls Paper Co., Massillon, Ohio.  
Munroe Felt & Paper Co., 79 Summer, Boston, Mass.  
Munroe Plumbing Co., cornices & skylights, Taunton, Mass.  
Munroe, R. & Sons Mfg. Corp., boilers & steel tanks, 23d & Smallman, Pittsburgh, Pa.  
Munroe, Wm. Co., sash, door & blind, 994 Scotten av, Detroit Mich.  
Munsell, Eugene, & Co., mica mfrs., 68 Church, New York.  
Munsey Shank & Counter Co., Lynn, Mass.  
Munsing Woolenware Co., paper roll plugs, Munsing, Mich.  
Munson Bros., canned goods, Phoenix, Ariz.  
Munson Bros., cornices, Connellsville, Pa.  
Munson Bros. Co., common brick, Capron, Ill.  
Munson Co., machsts., Grand Rapids, Mich.  
Munson Heater Co. (Ltd.), founders, Connellsville, Pa.  
Munson & Johnson, wood mantels, Jamestown, N. Y.  
Munson Mill Machinery Co., Utica, N. Y.  
Munson, P. O., contractor, Galesburg, Ill.  
Munson-Whitaker Co., architects, 470 4th av, New York.  
Munt, H. F., flour mills, Petersburg, Va.  
Muralo Co., kalsomine & paint mfrs., wall finish, etc., Richmond Ter., New Brighton, N. Y.  
Murbach Coal Co., masons' & bldrs.' matls., Elyria, Ohio.  
Murcell, Wm., contractors, Sacramento, Cal.  
Murch Bros. Constr. Co., Railway Exch. Bldg., St. Louis, Mo.  
Murch, E. B., granite prod., Hardwick, Vt.  
Murchey Mach. & Tool Co., die grinding & pipe cutting machy., 85 Porter, Detroit, Mich.  
Murchie, Chas. F., lumber, Calais, Me.  
Murchie, Horace B., & Co., lbr. mfrs. & whol. dlrs., 58 Pine, New York.  
Murchison, D. T., flour mills, Atwood, Tenn.  
Murchison, J. W., & Co., whol. hdwe., Wilmington, N. C.  
Murchison, Jno. R., steam & hot water htg. contr., 1101 Flatbush av, Brooklyn, N. Y.  
Murcott & Campbell, file & rasp mfrs., 296 Union av, Brooklyn, N. Y.  
Murdoch, Chas. W., contractor, New Haven, Conn.  
Murdoch-Dunwiddle Co., cornices, Beloit, Wis.  
Murdoch, E., & Co., wood pails, Winchendon, Mass.  
Murdoch, Francis W., machsts., Norway, Me.  
Murdoch & Geb Co., bobbin holders, Franklin, Mass.  
Murdoch, Geo., contractor, 2521 Melrose av, Cincinnati, Ohio.  
Murdoch, Hamilton, architect, 425 Kearney, San Francisco, Cal.  
Murdoch, Harvey, contractor, 116 Nassau, New York.  
Murdoch, J. M., & Bro., lumber, Johnstown, Pa.  
Murdoch Liquid Food Co., 78 Tyler, Boston, Mass.  
Murdoch Lumber Co., Washington, Ind.  
Murdoch Mfg. & Supply Co., plumbers' supplies—jobbers, 426 Plum, Cincinnati, Ohio.  
Murdoch, Reed Co., hub caps, 127 Federal, Boston, Mass.  
Murdoch, W. J., Co., push buttons, telephone receivers & wireless telegraph instruments, Chelsea, Mass.  
Murdoch, W. James, Co., rubber & steel stamps, etc., 116 Opera pl., Cincinnati, Ohio.  
Murdoch, W. S., architect, 220 21st, Galveston, Tex.  
Murdough, A. P., contractor, Watertown, Mass.  
Murell Lthr. Goods Co., traveling bags, 775 Washington, Boston, Mass.  
Murfit, J. H., contractor, 971 3d av, Salt Lake City, Utah.  
Murfreesboro Mfg. Co., pencil timber, Murfreesboro, Tenn.  
Murgatrovd, Everett F., architect, 2761 Morris av, New York.  
Murillo Paint Co., brick & concrete paint, Binghamton, N. Y.  
Murland, Jno. W., Co., agricultural implements, Barton, Vt.  
Murless, H. B., machsts. & fndrs., Rockville, Conn.  
Murphey-Hardy Lbr. Co., 150 Passaic, Newark, N. J.  
Murphy, A. F., Die & Mach. Co., cream separators, 364 Atlantic av, Boston, Mass.  
Murphy, Andrew, & Son, carriages, Omaha, Neb.  
Murphy Boiler Co., 2511 Elm av, Cleveland, Ohio, & 153 Barclay, Milwaukee, Wis.  
Murphy Bros., cornices, Erie, Pa.  
Murphy Bros., heating contrs., Galesburg, Ill.  
Murphy Bros., contractors, Madison av & 42d, New York.  
Murphy Bros. Co., contrs., Bowling Green, Ky.  
Murphy, C. E., & Sons, contractors, 516 Federal, Pittsburgh, Pa.  
Murphy, C., & Sons, canned goods, Rocks, Md.  
Murphy Chair Co., Russell & L. S. R. R., Detroit, Mich.  
Murphy, Chas. J., & Co., paint mfrs., 322 N. Calvert, Balto., Md.  
Mprphy, Christopher, & Co., cutters, 122 S. Michigan av, Chicago, Ill.  
Murphy Construction Co., Murphv Bldg., East St. Louis, Ill., Manitowac, Wis., & 50 Church, New York.  
Murphy, Cornelius & Son, contrs., Dorchester, Boston, Mass.  
Murphy, D. B., & Co., lumber, London, Ky.  
Murphy, D., & F., stone prod., Joliet, Ill.  
Murphy, D. X., & Bro., architects, Louisville Tr. Bldg., Louisville, Ky.  
Murphy & Dana, architects, 829 Chapel, New Haven, Conn., & 331 Madison av, New York.  
Murphy, David, contractor, Syracuse, N. Y.  
Murphy & Diggins, lumber, Cadillac, Mich.  
Murphy Distilling Co., Vincennes, Ind.  
Murphy, E., & Co., cornices, 3727 Easton av, St. Louis, Mo.  
Murphy, E., & F., contractors, Oakville, Conn.  
Murphy Electricity Rectifier Co., Rochester, N. Y.  
Murphy Fndry. Co., Beaver Falls, Pa.  
Murphy Fdry. & Mfg. Co., Asbury Park, N. J.  
Murphy, G. W. J., Co., auto mountings, Merrimac, Mass.  
Murphy, Geo., lenses, 57 E. 9th, New York.  
Murphy, Geo. E., architect, Candler Bldg., Atlanta, Ga.  
Murphy, Geo. M., cornices & skylights, 43 New Chambers, New York.  
Murphy, Harry F., & Co., steam htg. contrs., 1615 Sansom, Philadelphia, Pa.  
Murphy, Hindle & Wright, architects, 146 Westminster, Providence, R. I.  
Murphy, Hugh, contractor, Bee Bldg., Omaha, Neb.  
Murphy Iron Wks., machsts. & fndrs., Detroit, Mich.  
Murphy, J. A., lbr., Atkinson, N. C.  
Murphy, J. H., stone, Burgoon, Ohio.  
Murphy, J. T., cornices, Havre De Grace, Md.  
Murphy, John, masons' & bldrs.' matls., Holley, N. Y.  
Murphy, John A., Co., papetric paper, Springfield, Mass.  
Murphy, Jno. H., machsts. & mill & facty. supplies, 643 Magazine, New Orleans, La.  
Murphy, Jos., contractor, West Hoboken, N. J.  
Murphy & Kenny, lbr., Converse, Ind.  
Murphy, Leavens & Co., mill & facty. supplies, 168 Commercial, Boston, Mass.  
Murphy, Lewis A., contractor, Pawtucket, R. I.  
Murphy-MacClay Hardware Co., Great Falls, Mont.  
Murphy Mfg. Co., machsts., Kansas City, Mo.  
Murphy & O'Brien, coppersmiths, 5512 Detroit, Cleveland, Ohio.  
Murphy & Olmstead, architects, 1413 H, N. W., Washington, D. C.  
Murphy, P. C., Trunk Co., 13th & Papin, St. Louis, Mo.  
Murphy, P. H., Co., galvanizing wks., East St. Louis, Ill.  
Murphy Sam'l M., contractor, Monongahela Nat. Bk. Bldg., Pittsburgh, Pa.  
Murphy Specialty Co., brass fndrs., 90 2d, Milwaukee, Wis.  
Murphy Supply Co., mill, facty & plumbers' supplies, Green Bay, Wis.  
Murphy, T. Iron Works, Jacksonville, Fla.  
Murphy, T. J., architect'l & ornamental iron, 619 Greenwich, New York.  
Murphy Varnish Co., Chestnut & McWhorter, Newark, N. J.  
Murphy, W. J., contractor, Tacoma, Wash.  
Murphy, W. J., harness mfr., Fort Smith, Ark.  
Murphy & Walsh, air receivers, tanks, etc., Pekin, Ill.  
Murphy, Wm. J., brass fndrs., 279 10th, Jersey City, N. J.  
Murphy's, C. P., Sons, contractors, Atlanta, Ga.  
Murphy's, Robert, Sons Co., knives, Ayer, Mass.  
Murphysboro Paving Brick Co., Murphysboro, Ill.  
Murray, T. A., cornices & skylights, Union, S. C.  
Murray, Alex., & Co., granite, Westerly, R. I.  
Murray Brick Co., 10553 Euclid av, Cleveland, O.  
Murray-Brooks Hardware Co., Ltd., Lake Charles, La.  
Murray Bros. Machine Works, 233 Folsom, San Francisco, Cal.  
Murray, C. F., & Son, stone producers, Blairsville, Pa.  
Murray City Coal Co., masons' & bldrs.' matls., W. Fifth av, & H. V. Ry., Columbus, Ohio.  
Murray Co., agricultural implements, Dallas, Tex.  
Murray & Co., tens, 625 Fulton, Chicago, Ill.  
Murray, D. J., Mfg. Co., mill & facty supplies, trimmers & lath binders, etc., Wausau, Wis.  
Murray, E. T., & Co., cornices & skylights, Nashville, Tenn.  
Murray, G. M., Sons Canning Co., Odenton, Md.  
Murray, H. J., mill & facty. supplies, 85 Warren, New York.  
Murray, Hy., Co., stone producers, 21 Arlington, Boston, Mass.  
Murray & Hill Co., interior finish mfrs., Blvd. & 143d, New York.  
Murray Hill Iron Wks. Co., 101 W. 25th, New York.  
Murray Iron Works Co., Burlington, Ia.  
Murray, James, architect, 101 Tremont, Boston, Mass.  
Murray, Jas. T., masons' & bldrs.' matls., Troy, N. Y.  
Murray, Jas. T., & Sons, steam htg. contrs., 62 Market, Hartford, Conn.  
Murray Japanning Co., patent leather, Woburn, Mass.  
Murray, Jno. A., machsts. & fndrs., 112 Front, Bklyn, N. Y.  
Murray, Jno. A. & Co., mill, facty & plumbers' supplies, 310 W. 39th, New York.  
Murray, Jos., & Co., stone producers, wkrs. & sand, etc., dlrs., 263 av C, New York.  
Murray, L. A., & Co., school furniture, Kilbourn, Wis.  
Murray, L. W., architect, 120 E. 14th, Portland, Ore.  
Murray & Lomb, contractors, 13 Hayden, Providence, R. I.  
Murray Machy Co., Kansas City, Mo.  
Murray Mfg. Co., shipping tags, Newman, Ga.  
Murray Martin & Co., contractors, Troy, N. Y.  
Murray Motor Car Co., 3724 Grant blvd., Pittsburgh, Pa.  
Murray & Murray, lubrg. oils, 219 Quarry, Phila., Pa.  
Murray Oxygen Co., 449 E. 53d, New York.  
Murray, P. A., & Co., Newton, Mass.  
Murray & Patterson, canned goods, Hollins, Va.  
Murray, Ralph, architect, Ironton, O.



- Murray, Richard, Brick Co., Berlin, Conn.  
Murray, Robt., who. h'dwe., 85 Warren, New York.  
Murray Roofing Tile Co., Cloverport, Ky.  
Murray & Simpson, cornices, Houston, Texas.  
Murray & Sorensen, flushing valves, 227 W. 17th, New York.  
Murray Specialty Mfg. Co., blow-off valves, 97 Woodbridge, Detroit, Mich.  
Murray Stone Co., grindstones, Williamson Bldg., Cleveland, Ohio.  
Murray, Thos., masons' & bldrs.' matls., Warren, O.  
Murray, Thomas N., architect, Monadnock bldg., San Francisco, Cal.  
Murray & Tregurtha Co., aeroplanes, boilers, marine engines, motor boats, etc., 340 W. 1st, S. Boston, Mass.  
Murray, W. B., gas engines, N. Winchester & Wabansia avs, Chicago, Ill.  
Murray, W. D. & Co., contractors, Bennings rd, Washington, D. C.  
Murray, W. D., & Co., contractors & dock bldrs., Norfolk, Va.  
Murray, Wilber H., Mfg. Co., carriages, 5th & Eggleston av, Cincinnati, O.  
Murray, Williams, & Co., flour, Maiden, N. C.  
Murray Wire Co., Verona av, Newark, N. J.  
Murrill & Keizer, machsts., 206 N. Holliday, Baltimore, Md.  
Murry Construction Co., Sikeston, Mo.  
Murta-Appleton & Co., mill & facty. supplies, 12th & Samsome, Philadelphia, Pa.  
Murtagh, Chas. E., masons' & bldrs.' matls., ft. Rivington, New York.  
Murtagh, P. J., contractors, Malone, N. Y.  
Murtaugh Elev. Co., dumb waiters, 535 W. 33d, New York.  
Murtfeldt, W. A., Co., contractors, 161 Devonshire, Boston, Mass.  
Murtha & Schmoll Co., masons' & bldrs.' matls., 814 E. 14th, New York.  
Murland, Christopher G., contractor, Atlantic City, N. J.  
Muscofee Mfg. Co., tickings, Columbus, Ga.  
Musconetong Iron Wks., Netcong, N. J.  
Muscovite Mica Co. of Alabama, raw & manufac'd mica, Tupelo, Miss.  
Muse, A. W., & Co., fertilizer, Albany, Ga.  
Muse & Gottfried Co., conveyor chains, 660 Mission, San Francisco, Cal.  
Musgrave Leather Co., hame strings, 414 N. Front, Baltimore, Md.  
Musgrove, N. C., flour mills, Grafton, W. Va.  
Muskegon Aluminum Fdry. Co., Muskegon, Mich.  
Muskegon Boiler Works, structural specialties, Muskegon, Mich.  
Muskegon Extract Co., Muskegon, Mich.  
Muskegon Motor Specialties Co., machsts., Muskegon, Mich.  
Muskingum Coffin Co., Zanesville, O.  
Muskingum Contr. Co., Zanesville, O.  
Muskingum Valley Fertilizer Co., Marietta, O.  
Muskogee Crushed Stone Co., Muskogee, Okla.  
Muskogee Hardware Co., Muskogee, Okla.  
Muskogee Harness & Buggy Co., Muskogee, Okla.  
Muskogee Iron Wks., Muskogee, Okla.  
Muskogee Lbr. Co., Muskogee, Okla.  
Muskogee Mattress & Mfg. Co., Muskogee, Okla.  
Muskogee Refining Co., petroleum & its products, Muskogee, Okla.  
Muskogee Vitriified Brick Co., Muskogee, Okla.  
Muskopf & Irish Co., landscape architects, Commonwealth Tr. Bldg., St. Louis, Mo.  
Mussell, A., & Sons, contractors, 1220 Hertel av, Buffalo, N. Y.  
Musselman Canning Co., Biglerville, Pa.  
Musselman & Schwarz, htg. contrs., Lancaster, Pa.  
Musser, D. B., flour mills, Atkins, Va.  
Musser, D., & Son, architects, Abington, Va.  
Musser, H. M., umbrella handles, Lancaster, Pa.  
Musser, Wm., Lumber & Mfg. Co., Spokane, Wash.  
Mussillon, J. A., & Bro., machsts., Springfield, Ill.  
Musson, J. W., soap, Sandusky, Ohio.  
Mustard Bros., flour mills, Bland, Va.  
Mustee Water Heater Co., 3409 Superior av, N. E., Cleveland, O.  
Musterfield Sand & Gravel Co., Richmond, Va.  
Musto, Jos., Sons Keenan Co., marble importers, 535 North Point, San Francisco, Cal.  
Mutch & Calder Granite Co., Barre, Vt.  
Muth, Geo. F., & Co., glass, 418 7th, N. W., Washington, D. C.  
Mutschler, A., & H. G., machsts., Rochester, N. Y.  
Mutton Hollow Fire Brick Co., Woodbridge, N. J.  
Muttly, L. J., Co., artificial leather, rubber cloth, etc., 175 Congress, Boston, Mass.  
Mutual Auto Accessories Co., metal polish & windshields, 1777 B'way, New York.  
Mutual Beer Pump Co., 809 3d av, New York.  
Mutual Box Board Co., Utica, N. Y.  
Mutual Chem. Co. of Am., 55 John, New York.  
Mutual Elec. & Mach. Co., battery cut-out bases, nuts, switches, etc., 232 Fort, W. Detroit, Mich.  
Mutual Elec. & Mach. Co., incandescent cut-outs, Wheeling, W. Va.  
Mutual Fertilizer Co., Savannah, Ga.  
Mutual Guano Co., fertilizer mfrs., Ozark, Ala.  
Mutual Lamp Mfg. Co., leaded glass shades, 21 E. Houston, New York.  
Mutual Machine Co., Hartford, Conn.  
Mutual Mfg. Co., carbureters, Rudd, Iowa.  
Mutual Mfg. Co., tea wagons, Dayton, Ohio.  
Mutual Milling & Supply Co., flour, Harrisonburg, Va.  
Mutual Mining Co., Savannah, Ga.  
Mutual Motors Co., Jackson, Mich.  
Mutual Oil Co., lubrg., Interstate Bldg., Kansas City, Mo.  
Mutual Railways Utilities Co., 42 B'way, New York.  
Mutual Refining Co., oils & naphtha, Warren, Pa.  
Mutual Supply Co., mill & facty. supplies, 87 Penna av, Newark, N. J.  
Mutual Warehouse Co., fertilizer m'frs., Montgomery, Ala.  
Mutual Wheel Co., Moline, Ill.  
Muzzal, F. E., contractor, Crown Point, Ind.  
Muzzy-Lyon Co., Ltd., die cast castings, 161 Larned W., Detroit, Mich.  
M. & W. Co., inc. lamps, 30 Taylor, Springfield, Mass.  
M. W. Supply Co., rail anchors, Real Estate Trust Bldg., Philadelphia, Pa.  
Myall-Wallace Co., case hardening, 17 E. Austin av, Chicago, Ill.  
Mycock Mach. Wks., porcelain dies, Trenton, N. J.  
Myer, Berlin E., masons' & bldrs.' matls., Towanda, Pa.  
Myer-Bridges Co., corn brooms, Louisville, Ky.  
Myer, Henry G., contractor, Arlington Heights, Ill.  
Myer, O. C., & Co., steel tanks, 30 Franklyn, B'klyn, N. Y.  
Myer, T. J., & Co., canned goods, 1235 S. Sharp, Baltimore, Md.  
Myers, Angelo, gin distiller, 311 N. 3d, Philadelphia, Pa.  
Myers, Angelo, distillery, Linfield, Pa.  
Myers Broom Wks., Omaha, Neb.  
Myers Bros., furnaces, Dover, O.  
Myers, C. A., Awl Co., harness awls, 6316 University av, Chicago, Ill.  
Myers, C. B., Constr. Co., Atlanta, Ga.  
Myers Carriage Co., Franklin, Pa.  
Myers, Chas. E., contractor, Wolcottville, Ind.  
Myers, Christopher, architect, 460 Bloomfield av, Montclair, N. J.  
Myers Constr. Co., 3rd Natl. Bk. Bldg., St. Louis, Mo.  
Myers, D. J., architect, Central Bldg., Seattle, Wash.  
Myers & Davis, flour mills, New Tazewell, Tenn.  
Myers, E. H., Mfg. Co., machsts., Myerstown, Pa.  
Myers, E. L., contractor, Norfolk, Va.  
Myers, E., Lye Co., mfrs., 3d & Clark, St. Louis, Mo.  
Myers, Elwood Co., advertising specialties, Springfield, O.  
Myers, F. E., & Bro., pumps, agricultural implements, etc., 800 Orange, Ashland, Ohio. *See adv index at end of book.*  
Myers, Frederick M., architect, Welles Bldg., Wilkes-Barre, Pa.  
Myers, G. A., & Co., mill, facty. & steam fitrs. supplies & whol. hdwe., 63 Washington, Paterson, N. J.  
Myers, G. T., & Co., canned goods, Seattle, Wash.  
Myers, Geo. W., architect, 210 Bethune av, Detroit, Mich.  
Myers, H. C., Co., whiskey dist., 25 Leonard, New York.  
Myers Hardware Co., Lexington, Va.  
Myers, J. E., masons' & bldrs.' matls., Penn Station, Pa.  
Myers, J. M., architect, Hanover, Pa.  
Myers, Jacob, Sons Co., contractors, Witherspoon Bldg., Philadelphia, Pa.  
Myers, Jos. F., Jr., & Co., contractors, 1237 Ridge, Phila., Pa.  
Myers, L. E., Co., contractors, 53 W. Jackson blvd., Chicago, Ill.  
Myers, M. P., & Co., whol. hdwe., Plattsburg, N. Y.  
Myers Mach. Co., Sheybogan, Wis.  
Myers Mach. Tool Co., engine lathes, Columbia, O.  
Myers & Mahoney Plumbing Co., Portland, Me.  
Myers Mfg. Co., druggists' rubber goods, Fremont, O.  
Myers, Nathan, architect, 7 Nelson pl., Newark, N. J., & Woolworth Bldg., New York.  
Myers, Nathan, cornices & skylights, Hamiliten, Va.  
Myers, Otto R., bldg. contr., Oshkosh, Wis.  
Myers, R. M., & Co., pads & tablets, Rochester, N. Y.  
Myers-Spalti Mfg. Co., mattresses, Houston, Tex.  
Myers-Wmley Co., mining machine shovels, Knoxville, Tenn.  
Myers, Wm., contractor, Pittston, Pa.  
Myhre, A. E., architect, Winona, Minn.  
Myles Salt Co. (Ltd.), 713 Whitney, New Orleans, La.  
Mynderse, W. T. B., architect, Scotia, Schenectady, N. Y.  
Myrick, Franklin W., contractors, 108 S. La Salle, Chicago, Ill.  
Myrick Mach. Co., Olean, N. Y.  
Myrtle Desk Co., High Point, N. C.  
Myrtle Lumber Co., Myrtle Creek, Oregon.  
Myrtue Bros., contractors, Council Bluffs, Ia.  
Mystic Milling Co., flour, Sioux City, Ia.  
Mystic Rubber Co., West Medford, Mass.  
Mystic Woolen Co., Mystic, Conn.  
Myton, W. R., architect, Johnston, Pa.  
Nachtigall, J. M., architect, Paxton blk, Omaha, Neb.  
Nack Carriage & Wagon Wks., Mobile, Ala.  
Nacke, A., & Son, machsts. & fndrs., 236 S. 9th, Phila., Pa.  
Nacogdoches Oil Mill, fertz. mfrs., Nacogdoches, Tex.  
Nadeau Bros., lumber, Nadeau, Mich.  
Nadelman, Lesser, jewelry cases, 166 W. 28th, New York.  
Nadig, C. H., Mfg. Co., machsts. & fndrs., Allentown, Pa.  
Nadig, L. F., machst., Quakertown, Pa.  
Nadler, Henry machinist, Plaquemine, La.  
Naff & Flora, canned goods, Boone Mill, Va.  
Nagel-Chase Mfg. Co., connectors, 154 E. Erie, Chicago, Ill.  
Nagel, Frank J., archl. iron, 1011 1st, S. E., Washington, D. C.



- Nagel, Herman, steam & hot water htg. contr., 450 Bergen, Brooklyn, N. Y.
- Nagel, Samuel, contractor, Geneva, N. Y.
- Nagel, W. G., Electric Co., Toledo, Ohio.
- Nagele, Anton, stone producer, 2168 Western av, Cincinnati, O.
- Nagely, John, hangers, Toledo, Ohio.
- Nagle Corliss Engine Works, Erie, Pa.
- Nagle Engine & Boiler Works, 16th & Holland, Erie, Pa.
- Nagle, Geo. W., stone, Pottstown, Pa.
- Nagle, Jacob A., contractor, Allentown, Pa.
- Nagle, Jno. C., auto. truck trailers, 431 Baker, Detroit, Mich.
- Nagle, Louis A., & Co., masons' & bldrs.' matls., Ogontz, Pa.
- Nagle Packing Co., meat, 683 Henderson, Jersey City, N. J.
- Nagley Mfg. Co., agricultural implements, Lyons, N. Y.
- Nahcotta Ciam Canning Co., So. Bend, Wash.
- Nahsey & Schwab, cornices & skylights, Memphis, Tenn.
- Nailon Bros. Co., mill & facty., plumbers' & steam fitters' supplies, Peoria, Ill.
- Nairn, Gillies Co., lumber mfrs., Burlington, Ia.
- Nairn Linoleum Co., Kearny, N. J.
- Naismith, Geo., blast furnace, 6312 Butler, Pittsburgh, Pa.
- Naknek Packing Co., San Francisco, Cal.
- Nalle & Co., sashes, doors & blinds, etc., Austin, Tex.
- Nalle & Douglas, common brick, Elkwood, Va.
- Nalle, T. E., machst., Culpepper, Va.
- Nampa Iron Wks., Nampa, Idaho.
- Nance & Phelps, contrs., 846 Linden, Los Angeles, Cal.
- Nancy Hanks Hay Press & Foundry Co., Dalton, Ga.
- Nanes, Nathan, second hand bags, 414 B'way, New York.
- Nannen, Chas. B., & Son, machsts. & fndrs., 212 W. 101st, New York.
- Nansemond River Brick & Tile Co., Norfolk, Va.
- Nansen Chemical Co., wood alcohol, Nansen, Pa.
- Nansen Composition & Paint Co., 44 Whitehall, New York.
- Nanz Clock Co., time recorders, 178 Fulton, New York.
- Naomi Canning Co., Edinburg, Ind.
- Napanoch Knife Co., Napanoch, N. Y.
- Napier-Browning Co., advtg. nov. & spec., 105 W. 40th, New York.
- Napier Chem. Co., almond meal, 80 Pearl, New York.
- Napier Iron Works, Nashville, Tenn.
- Naples Lumber Co., Ltd., Naples, La.
- Napoleon Cypress Co., Ltd., Napoleonville, La.
- Napoleon Lumber & Handle Co., Napoleon, Ohio.
- Naporano, Louis, scrap rubber, 17 Van Buren, Newark, N. J.
- Nappanee Lumber & Mfg. Co., silos, Nappanee, Ind.
- Naptha Washing Tablet Co., soap powders, 714 S. Dearborn, Chicago, Ill.
- Naramore, Edgar H., lumber mfrs., Winchester, N. H.
- Narbett, J. F., architect, Richmond, Cal.
- Narcross Co., marble exterior work, Harvard & Jennings rd, Cleveland, Ohio.
- Nardy, F., Co., contractors, 1226 Fitzwater, Philadelphia, Pa.
- Narowetz Heating & Ventg. Co., 225 W. Lake, Chicago, Ill.
- Narragansett Improvement Co., 122 Public, Providence, R. I.
- Narragansett Machine Co., machsts. & engrs., ft of Vale, Providence, R. I.
- Narrow Fabric Co., corset & shoe laces, Reading, Pa.
- Narrow Fabric Corp., cotton & elastic webbing, New Haven, Conn.
- Narrows Milling Co., flour, Narrows, Va.
- Nartker & Schroeder, brick & tile, Glandorf, Ohio.
- Nary, F. E., machst. & fndr., 51 Chardon, Boston, Mass.
- Naschold, Jacob, architect, 210 New, Philadelphia, Pa.
- Nash, Arthur C., architect, 345 5th av, New York.
- Nash Bros., contractors, 10 S. La Salle, Chicago, Ill.
- Nash, C. A., & Son, glass, Norfolk, Va.
- Nash-Dowdle Co., contractors, 29 S. La Salle, Chicago, Ill.
- Nash, Duane H., agricultural implements, Millington, N. J.
- Nash, E. W., Co., glue mfrs., 559 Atlantic av, Boston, Mass.
- Nash Engng Co., compressors, pumps, etc., S. Norwalk, Conn.
- Nash, F. & C. B., Co., cornices, Portland, Me.
- Nash, Franklin P., contractor, 1331 8th, N. W., Wash., D. C.
- Nash, Geo., Co., steel imprs., 304 Hudson, New York.
- Nash Hardware Co., Fort Worth, Tex.
- Nash, J. M., machst., 842 30th, Milwaukee, Wis.
- Nash-Jones, contractors, Norfolk, Va.
- Nash Motors Co., The, auto mfrs., Kenosha, Wis.
- Nash, O. M., & D. W., cornices, Portland, Me.
- Nash-Robinson Co., masons' & bldrs.' matls., Waco, Tex.
- Nash, S. H., & Sons, contractors, 364 E. 142d, New York.
- Nash, Stauley, contractor, Dorranceton, Pa.
- Nash, Thos., architect, 52 Vanderbilt av, New York.
- Nashua Building Co., Nashua, N. H.
- Nashua Co-operative Iron Fdy. Co., Nashua, N. H.
- Nashua Granite Co., Nashua, N. H.
- Nashua Gummed & Coated Paper Co., Nashua, N. H.
- Nashua Mach. Co., 127 Federal, Boston, Mass., & Nashua, N. H.
- Nashua Mfg. Co., blankets & flannels—cotton, Nashua, N. H.
- Nashua River Paper Co., East Pepperell, Mass.
- Nashua Saddlery Hdwe. Co., Nashua, N. H.
- Nashua Spool & Bobbin Co., Grove Hall Station, Boston, Mass.
- Nashua Woolen Mills, Nashua, Ia.
- Nashville Abattoir, Hide & Melting Ass'n, meat packers, Nashville, Tenn.
- Nashville Bridge Co., steel structural work, Nashville, Tenn.
- Nashville Builders' Supply Co., Nashville, Tenn.
- Nashville Cut Stone Co., Nashville, Tenn.
- Nashville Hardwood Flooring Co., Nashville, Tenn.
- Nashville Machine Co., Nashville, Tenn.
- Nashville Pottery Co., Nashville, Tenn.
- Nashville Press Brick Co., Nashville, Ill.
- Nashville Roller Mills, flour, Nashville, Tenn.
- Nashville Saddlery Co., Nashville, Tenn.
- Nashville Spoke & Handle Co., Nashville, Tenn.
- Nashville Spring & Mattress Co., Nashville, Tenn.
- Nashville Tie Co., Nashville, Tenn.
- Nashville Trunk & Mfg. Co., Nashville, Tenn.
- Nason, Fred. W., Co., engines, regulators & gov. pumps, 39 Cortlandt, New York.
- Nason, J. M., architect, Corn Exch., Minneapolis, Minn.
- Nason Mfg. Co., engineering supplies & specialties, 71 Fulton, New York. *See adv index at end of book.*
- Nason, R. N., & Co., lubricating oils & greases, 151 Potrero av, San Francisco, Cal.
- Nass, Geo., & Son, lbr., Broad & Vine, Philadelphia, Pa.
- Nass & Hare Constr. Co., 113 Tasker, Philadelphia, Pa.
- Nassau Contracting Co., masons' & bldrs.' matls., Long Beach, N. Y.
- Nassau Fertilizer Co., 2 Rector, New York.
- Nassau Mills Corp., paper, Buck Run, Pa.
- Nassau Smelting & Refining Wks., electrotype metals, 603 W. 29th, New York.
- Nassau Sponge Co., rubber goods, 234 W. Lake, Chicago, Ill.
- Nassau Sulphur Wks., brimstone, 92 William, New York.
- Nast, Adolph E., architect, 546 5th av, New York.
- Nast Bros. Lime & Stone Co., Marblehead, Wis.
- Natalbany Lumber Co., Hammond, La.
- Natchelder, R. C., masons' & bldrs.' matls., Albany, N. Y.
- Natchez Oil Mill, cottonseed meal, Natchez, Miss.
- Nathan, Chas. E., second hand pipe, 133 W. Washington, Chicago, Ill.
- Nathan Mfg. Co., machsts. & fndrs.—cocks, steam fire extinguishers, lubricators, valves, etc., 416 E. 106th, New York.
- Nathan Nov. Mfg. Co., auto trunks, baskets, etc., 88 Reade, New York.
- Natick Box Co., Natick, Mass.
- National-Acme Mfg. Co., bearings, bolts, dies, drilling, etc., machy., 7500 Stanton, Cleveland, Ohio.
- National Adding Machine Co., machsts. & fndrs., 1366 W. 70th, Cleveland, Ohio.
- National Advertising Co., advertising novelties, Seneca Falls, N. Y.
- National Aeroplane Co., 555 Washington blvd., Chicago, Ill.
- National Air Cell Covering Co., pipe & boiler coverings, 163 Henderson, Jersey City, N. J.
- National Aluminum Works, hollow ware, Elmira, N. Y.
- National Ammonia Co., chemicals, 3600 N. B'way, St. Louis, Mo.
- National Aniline & Chemical Co., 100 William, New York.
- National Appraisal Co., 131 State, Boston, Mass.
- National Architect Co., Crozer Bldg., Philadelphia, Pa.
- National Art Bronze Wks. Co., brass, bronze & aluminum castings, Pope & Carrie av, St. Louis, Mo.
- National Art Glass Co., 5247 S. Green, Chicago, Ill.
- National Asbestos Packing Mfg. Co., packing mfrs., 130 Pearl, New York.
- National Auto Top Co., 244 W. 49th, New York.
- National Automatic Knitter Co., textile machy., supplies, etc., 2725 Nutter, Philadelphia, Pa.
- National Automatic Mach. Co., postage stamp affixing machines, Brattleboro, Vt.
- National Automatic Press Co., printing presses, Lehigh, Pa.
- National Automatic Tool Co., Richmond, Ind.
- National Base Ball Mfg. Co., Schenectady, N. Y.
- National Bauxite Co., 35th & Grays Ferry, Philadelphia, Pa.
- National Bed Spring Co., 2728 Hillock av, Chicago, Ill.
- National Bedding Co., cotton felt mattresses, 237 S. 2d, Philadelphia, Pa.
- National Belting & Hose Co., 13th & Pine, St. Louis, Mo.
- National Billiard Mfg. Co., 20 W. Canal, Cincinnati, Ohio.
- National Binding Machine Co., gummed tapes, 260 West, New York.
- National Blank Book Co., loose leaf devices, Holyoke, Mass.
- National Blow Pipe & Mfg. Co., 738 Dryades, New Orleans, La.
- National Blower Wks., machsts., Milwaukee, Wis.
- National Blue Print Co., black prints & paper, 110 W. 32d, New York.
- National Boat & Engine Co. of Fla., machsts., Jacksonville, Fla.
- National Body & Top Corp., Buffalo, N. Y.
- National Boiler & Sheet Iron Wks., Indianapolis, Ind.
- National Boiler Washing Co. Ry. Exchange Bldg., Chicago, Ill.
- National Bolt & Nut Co., 62d & A. V. R. R., Pittsburgh, Pa.
- National Box Co., packing box mfrs., 38th & Racine av, Chicago, Ill., Cleveland, Ohio, & 534 Am. av. Milwaukee, Wis.
- National Brake & Clutch Co., 164 Federal, Boston, Mass.
- National Brake Co., machsts., Ellicott sq., Buffalo, N. Y.
- National Brake & Elec. Co., air compressors, Pacific Bldg., San Francisco, Cal.
- National Brake & Elec. Co., ft. Bellevue pl. Milwaukee, Wis.
- National Brass Co., fndrs., Grand Rapids, Mich.
- National Brass & Copper Co., Lisbon, Ohio.
- National Brass & Copper Tube Co., 639 Mission, San Francisco, Cal.



National Brass Mfg. Co., cabinet hdwe mfrs., 1115 Marshall, Cincinnati, Ohio.  
 National Brass Mfg. Co. brass cocks, valves, etc., Rochester, N. Y.  
 National Brick Co., 118 N. La Salle, Chicago, Ill.  
 National Bridge Co., reinf. concrete steel const., Indianapolis, Ind.  
 National Bridge Wks., Review av, Long Island City, N. Y.  
 National Bronze & Aluminum Foundry Co., 2539 E. 79th, Cleveland, Ohio.  
 National Broom Co., Lockport, N. Y.  
 National Brush Co., Aurora, Ill.  
 National Bldr. trade publication, 537 S. Dearborn, Chicago, Ill.  
 National Builders Co., M. & M. Bk. Bldg., Milwaukee, Wis.  
 National Building Supply Co., North av & Oak, Baltimore, Md.  
 National Bush Co., 2 Rector, New York.  
 National Can Co., 121 N. Caroline, Baltimore, Md., & 36 Washington, Boston, Mass.  
 National Can Co., litho metal boxes, Grand blvd. & D. & M. R. R., W., Detroit, Mich.  
 National Canning Co., Olympia, Wash.  
 National Car Coupler Co., machsts. & fndrs., 332 S. Michigan av, Chicago, Ill.  
 National Car Seal Co., Hamilton, Ohio.  
 National Car Wheel Co., machsts. & fndrs., Keystone Bldg., Pittsburgh, Pa.  
 National Carbon Co., batteries, graphite brushes, etc., Madison av N. W. & W. 117th, Cleveland, Ohio.  
 National Card Mat & Board Co., 218 W. Superior, Chicago, Ill.  
 National Cash Register Co., Dayton, Ohio.  
 National Casket Co., 7th & Duquesne wy, Pittsburgh, Pa.  
 National Cast Iron Pipe Co., machsts. & fndrs., Birmingham, Ala.  
 National Chain Co., chain mfrs., College Point, L. I., N. Y.  
 National Chamber Oven Co., 404 Lombardy, Cincinnati, Ohio.  
 National Chemical Co., Syracuse, N. Y.  
 National Chemical Co., wood alcohol, Bradford, Pa.  
 National Chemical Co. of California, 906 E. 3d, Los Angeles, Cal.  
 National China Co., Salineville, Ohio.  
 National Clay Co., Hatton, Ohio.  
 National Clock & Mfg. Co., 20 W. Lake, Chicago, Ill.  
 National Coated Paper Corp., Pawtucket, R. I.  
 National Cob Pipe Wks., Union, Mo.  
 National Coil Co., Lansing, Mich.  
 National Color & Chemical Wks., 59th & 11th av, New York.  
 National Co., rubber substitutes, 1404 Cortland, Chicago, Ill.  
 National Concrete Co., Traction Ter. Bldg., Indianapolis, Ind.  
 National Concrete Const. Co., Louisville, Ky.  
 National Concrete Fireproofing Co., Citizens Bldg., Cleveland, O.  
 National Conduit & Cable Co., tel. feeders, etc., wire, 41 Park Row, New York.  
 National Conduit Wir'g Mach. Co., 25 Broad, New York.  
 National Coning Machy. Co., Indianapolis, Ind.  
 National Cooperage & Woodenware Co., Peoria, Ill.  
 National Copper Refining Co., Bradley rd, Cleveland, O.  
 National Cornice Wks., 1327 Channing, Los Angeles, Cal.  
 National Cornices & Skylight Wks., 417 E. 9th, New York.  
 National Corrugated Culvert Mfg. Co., Warren, Pa.  
 National Corundum Wheel Co., 2984 Main, Buffalo, N. Y.  
 National Cotton Oil Co., Montgomery, Ala.  
 Nat. Crash Co., towels, Millbury, Mass.  
 National Crayon Co., West Chester, Pa.  
 National Cutlery Co., Westmoreland & Boudinot, Phila., Pa.  
 National Cycle & Mfg. Co., Bay City, Mich.  
 National Dairy Machine Co., Goshen, Ind.  
 National Decalcomania Co., transfer ornaments, 240 N. 60th, Phila., Pa.  
 National Desk Co., Herkimer, N. Y.  
 National Dictagraph Co., interior telephones, 220 W. 42d, New York.  
 National Dish Water Co., dish washing machs., Binghamton, N. Y.  
 National Disinfect'g Co., 306 E. 59th, New York.  
 National Distill'g Co., ft. 27th, Milwaukee, Wis., 254 W. 29th, New York.  
 National Drain Tile Co., Terre Haute, Ind.  
 National Drawn Steel Co., E. Liverpool, Ohio, Pittsburgh district. *See adv index at end of book.*  
 National Dredging & Lighterage Co., filtering & sand blast sand & gravel dealers, Penna Bldg., Phila., Pa.  
 National Drill Co., Cambridge City, Ind.  
 National Druggist, trade publications, Century Bldg., St. Louis, Mo.  
 National Dry Kiln Co., Indianapolis, Ind.  
 National Dump Car Co., 80 E. Jackson blvd, Chicago, Ill.  
 National Dust-Dawn Co., sweeping compounds, 102 N. 1st, Brooklyn, N. Y.  
 National Duster Co. (Ltd.), 736 S. 2d, Phila., Pa.  
 National Egg Carrier Co., Council Bluffs, Ia.  
 Nat. Elec. Co., machy., 120 Centre, New York.  
 National Elec. Co., cooking app., 140 W. Austin av, Chicago, Ill.  
 National Elec. Controller Co., storage battery charging sets, 154 Whiting, Chicago, Ill.  
 National Elec. Lamp Co., Cleveland, Ohio.  
 National Electric Lighting Co., Wilton Junction, Ia.  
 National Electric Porcelain Co., Carey, Ohio.

National Electric Signaling Co., wireless telegraph instrts., Farmers' Bank Bldg., Pittsburgh, Pa.  
 National Electric Specialty Co., Toledo, O.  
 National Elec. Utilities Corp., etc., cooking app., 103 Park av, New York.  
 National Electric Welder Co., Warren, Ohio.  
 National Elec'l Mfg. Co., massage vibrators, 1161 B'way, New York.  
 National Electrical Supply Co., 1330 New York av, N. W., Washington, D. C.  
 National Electrolytic Co., potash—chemicals, Niagara Falls, N. Y.  
 National Elevator Co., machsts., 124 Longworth, Cincinnati, Ohio, and 62 W. 45th, New York.  
 National Enameling Co., signs, Montgomery & Lex. avs, Cincinnati, Ohio.  
 National Enameling & Mfg. Co., flexible mtlc. conduits, Renshaw bl, Pittsburgh, Pa.  
 National Enamel'g & Stamp'g Co., army canteens, 411 5th av, New York.  
 National Engineer, trade publication, 417 S. Dearborn, Chicago, Ill.  
 National Engng. Co., 922 S. Niagara, Saginaw, Mich.  
 National Engineering Co., sand mixing machines & screen separators, 5 N. La Salle, Chicago, Ill.  
 National Engng. & Equipment Co., hydraulic rams; air compressors; heating & power boilers, Seattle, Wash.  
 National Engineering & Tool Works, engine lathes, Oak Park, Ill.  
 National Envelope Co., 424 Liberty, Cincinnati, Ohio, & Waukegan, Ill.  
 National Equipment Co., machsts., Springfield, Mass.  
 National Equipment Co., tackle blocks, derricks, etc., 1255 Racine, Chicago, Ill. *See adv index at end of book.*  
 National Excavation & Foundation Co., 103 Park av, New York.  
 National Expanding Envelope Co., 136 Liberty, New York.  
 National Felt Co., Easthampton, Mass.  
 National Fertilizer Co., 2 Rector, New York.  
 National Fibre Board Co., 121 Beach, Boston & Lawrence, Mass.  
 Nat. Fibre & Insulation Co., Yorklyn, Del.  
 National Fiberstock Envelope Co., 34 E. Allen, Phila., Pa.  
 National Filter & Cloth Weav'g Co., 57 Hope, Brooklyn, N. Y.  
 National Fire Brick Co., Strasburg, Ohio.  
 Nat. Fire Proof'g Co., fire brick, Flatiron Bldg., New York.  
 National Fire Proofing Co., fire doors, 450 W. Broad, Columbus, Ohio.  
 National Fire Proofing Co., Fulton Bldg., Pittsburgh, Pa.  
 National Fireproofing Sash & Door Co., 449 Stagg, Bklyn, N. Y.  
 National Fireworks Distributing Co., 64 Sudbury, Boston, Mass.  
 National First Aid Cabinet Wks., 443 S. Dearborn, Chicago, Ill.  
 National Flag Co., 1012 Flint, Cincinnati, Ohio.  
 National Flue Cleaner Co., Trenton, N. J.  
 National Fly Paper Co., Kenosha, Wis.  
 National Folding Box & Paper Co., New Haven, Conn.  
 National Foundation & Engineering Co., Citizens' Bldg., Cleveland, Ohio.  
 National Fndry. Co., Albuquerque, N. Mexico, Erie, Pa., & 24th av & Pk., Milwaukee, Wis.  
 National Foundry Co. of N. Y., 10 Sanford, Brooklyn, N. Y.  
 National Fdry. & Mach. Co., Louisville, Ky.  
 National Foundry Mfg. & Supply Co., Williamsport, Pa.  
 National French Fancy Nov. Co., toys, games & nov., 276 Hinsdale, Brooklyn, N. Y.  
 National Fuel Co., coke, Oliver Bldg., Pittsburgh, Pa.  
 National Fulton Brass Mfg. Co., machsts. & fndrs., 28 Brush, Detroit, Mich.  
 National Furnace Co., Dayton, Ohio.  
 National Galvanizing Co., hot process galvanizing, 1918 Carroll av, Chicago, Ill.  
 National Gauge Co., gauge mfrs., 300 Pacific, Brooklyn, N. Y.  
 National Gear Wheel Fdry., gears (machine moulded), South & Walker, Pittsburgh, Pa.  
 National Glass Co., 705 Blue Island av, Chicago, Ill.  
 National Glove Co., Columbus, Ohio.  
 National Glue Co., 539 W. 4th, Indianapolis, Ind.  
 National Glue & Gelatine Wks., 11th av & 59th, New York.  
 National Granite Co., Montpelier, Vt.  
 National Graphite Lubricator Co., Scranton, Pa.  
 National Grinding Wheel Co., 2984 Main, Buffalo, N. Y.  
 National Gum & Mica Co., glue, paste, starch, size, etc., mfrs., 59th & 11th av, New York.  
 National Hair Cloth Co., 2950 N. Jasper, Phila., Pa.  
 National Handle Co., Cleveland, Ohio.  
 National Hanger & Fixture Mfg. Co., 496 E. 134th, New York.  
 National Hardware Co., 327 W. 4th, Cincinnati, Ohio.  
 National Hardware & Supply Co., Duluth, Minn.  
 National Harness Review, trade publications, 1054 Buena av, Chicago, Ill.  
 National Harrow Co., harrows & pulverizers, Le Roy, Ill.  
 National Heater Co., Cleveland, Ohio.  
 National Htg. Co., 2050 Geyser av, St. Louis, Mo.  
 National Helmet Co., 250 W. 54th, New York.  
 National Hoisting Engine Co., machsts., Harrison, N. J.  
 National Home Bldg. Co., portable houses, Portland, Ore.  
 National Hygienic Floor Co., 1911 Pine, St. Louis, Mo.  
 National Incubator Co., Racine, Wis.



- Nat. India Rubber Co., rubber goods—druggists', surgical & mech'l, etc., Bristol, R. I.
- National Indicator Co., egg beaters, 852 Vernon av, Long Island City, N. Y.
- National Inspection Co., fire extinguishers, 25th & Wharton, Phila., Pa.
- National Insulating & Mfg. Co., Indianapolis, Ind.
- National Insulator Co., insulating compounds, 39 Sudbury, Boston, Mass.
- National Iron Co., 50th & Ramsey, Duluth, Minn.
- National Iron & Steel Publishing Co., 108 Smithfield, Pittsburgh, Pa.
- Nat'l Iron & Wire Co., Cleveland, Ohio.
- National Iron Wks., 5926 S. Ashland av, Chicago, Ill.; Detroit, Mich., & Spokane, Wash.
- National Jack & Mfg. Co., 130 S. Clinton, Chicago, Ill.
- National Jewelry Case Co., 7 Ellicott, Buffalo, N. Y.
- National Juvenile Auto Co., Toledo, Ohio.
- National Kellastone Co., sanitary flooring & stucco, 5 S. Wash av, Chicago, Ill.
- National Knitting Co., gloves, socks, 905 Clinton, Milwaukee, Wis.
- National Knitting Wks., sweaters, etc., Randolph & Jefferson, Phila., Pa.
- National Knitting Works Co., bathing suit mfrs., 1967 E. 57th, Cleveland, Ohio.
- National Labeling Machine Co., 342 Vernon av, Long Island City, N. Y.
- National Lamp Wks., of Gen'l Elec. Co., mazda lamps, Nela Park, Cleveland, Ohio.
- National Lathe Co., 15 W. 2d, Cincinnati, Ohio.
- National Ldry. Journal, trade publications, 124 N. Ann, Chicago, Ill.
- National Ldry. Machy. Co., 700 W. 22d, Chicago, Ill.
- National Lead Co., linseed oil & cake mills, 1406 W. 13th, Kansas City, Mo., 111 B'way, New York, & 10th & Howard, Detroit, Mich.
- National Lead Co., Omaha, Neb.
- National Lead Co., of Mass., linseed oil, 131 State, Boston, Mass.
- National Lead & Oil Co. of Pa., Commonwealth Bldg., Pittsburgh, Pa.
- National Leather Belt'g Co., asbestos brake lin'g, etc., 342 E. 38th, New York.
- National Leather Mfg. Co., belting, packing, loomstrapping mfrs., etc., Niles, Mich.
- National Lime & Stone Co., Carey, Ohio.
- National Limestone Co., Naginey, Pa.
- National Lock Co., Rockford, Ill.
- National Lock Washer Co., machsts., 65 Johnson, Newark, N. J.
- National Lumber & Creosoting Co., Texarkana, Ark.
- National Lumber & Mfg. Co., Hoquiam, Wash.
- National Mach. Co., Hartford, Conn., 686 Nat. av, Milwaukee, Wis., & 507 Orange, Wilmington, Del.
- National Mach. & Const. Co., Kansas City, Mo.
- National Mach. & Stamping Co., lawn mower sharpeners, Detroit, Mich.
- National Mach. & Tool Co., 253 A, Boston, Mass.
- National Machine Tool Co., 2270-2272 Spring Grove av, Cincinnati, Ohio.
- National Mach. Wks., 1559 Sheffield av, Chicago, Ill.
- National Machinery Co., bolt, nut, etc., machinery, Tiffin, Ohio.
- National Machy. Co., cotton machy., 11 Eddy, Providence, R. I.
- National M'chy. & Wrecking Co., 1914 Scranton rd, Cleveland, Ohio.
- National Malleable Castings Co., 7706 Platt av S. E., Cleveland, Ohio.
- National Mantel Co., McKeesport, Pa.
- Nat. Mfg. Co., hdwe. specialties, Des Moines, Ia.
- National Mfg. Co., lumber, Dime Savings Bank Bldg., Detroit, Mich.
- National Mfg. Co., machsts., Sterling, Ill. & West Unity, Ohio.
- National Mfg. Co., seed testers, Decorah, Ia.
- National Mfg. Co., wire goods & wire hdwe., 19-23 Sumner, Worcester, Mass.
- National Mfg. & Electro Plating Co., 16 Calendar, Providence, R. I.
- National Mfg. & Engng. Co., pkg. mfrs., valve seats, etc., 1537 Race, Phila., Pa.
- National Mfg. & Steel Supply Co., 15 River, Newark, N. J.
- National Mfg. & Supply Co., plumbers, mill & facty. supplies—jobbers, 256 3d av S., Minneapolis, Minn.
- National Marine Lamp Co., flashlights, Forestville, Conn.
- National Marking Mach. Co., 1054 Gilbert, Cincinnati, Ohio.
- National Mattress Co., Lynchburg, Va.
- National Musical String Co., New Brunswick, N. J.
- National Megaphone Co., Wakefield, Mass.
- National Metal Edge Box Co., 1217 Callowhill, Phila., Pa.
- National Metal Molding Co., electrical conduits & fittings, 1110 Fulton Bldg., Pittsburgh, Pa.
- National Metal Seal Corp., bottle, glass & jar caps, 60 Wall, New York.
- National Metal Stamp & Mfg. Co., fire engines, phonographic horns, shades & reflectors, etc., 494 Mulberry, Newark, N. J.
- National Metal Weather Strip Co., 117 W. Erie, Pittsburgh, Pa.
- National Metalizing Co., electric & gas light fixture mfrs., 236 5th av, New York.
- National Metallic Bed Co., machsts. & fndrs., Everett, Mass.
- National Metal Sash Co., window frame, 2012 W. Kinzie, Chicago, Ill.
- National Meter Co., 84 Chambers, New York, & 42d & 1st av, Brooklyn, N. Y.
- National Mill Supply Co., Fort Wayne, Ind., & Paterson, N. J.
- National Milling & Chemical Co., casein, Harper's Mills, Phila., Pa.
- National Milling Co., 820 Flour Ex., Minneapolis, Minn., & Toledo, Ohio.
- National Mirror Wks., Rockford, Ill.
- National Mortar & Supply Co., masons' & bldrs.' matls., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
- National Mosaic Co., marble, 338 Pennsylvania av, Washington, D. C.
- National Mosaic Flooring Co., tile, Mobile, Ala.
- National Mosaic Tile Co., ceramic tile, 2101 S. Kedzie av, Chicago, Ill.
- National Mortar Co., 1st & M, N. E., Washington, D. C.
- National Motor Car & Vehicle Corp., 1004 E. 22nd, Indianapolis, Ind.
- National Motor Co., clothes washing machines, Springfield, O.
- National Motor Supply Co., gasoline savers, 5604 Euclid av, Cleveland, Ohio.
- National Moving Picture Co., machy., 537 S. Dearborn, Chicago, Ill.
- National Neck Yoke Co., Rock Island, Ill.
- National Novelty Co., machsts., 519 3d S., Minneapolis, Minn.
- National Oats Co., Cedar Rapids, Ia.
- National Oil Co., soap & greases, 25 W. 31st, New York.
- National Oil & Sup. Co., 180 Frelgysen av, Newark, N. J.
- National Oxygen Co., 105 W. Monroe, Chicago, Ill.
- National Packaging Machinery Co., machsts., 172 Green, Jamaica Plains, Boston, Mass.
- National Paint & Manganese Co., Lynchburg, Va.
- National Paint Syndicate, 33 E. 12th, New York.
- National Paint & Varnish Co., 8709 Kinsman rd, Cleveland, O.
- National Paper Co., paper bags, Atlanta, Ga.
- National Paper Mills & Filler Co., W. 43d & S. Racine av, Chicago, Ill.
- National Patent Reed Co., Unionville, Conn.
- National Pearl Wks., buttons, 30 E. 23d, New York, & 502 Mulberry, Newark, N. J.
- National Pencil Co., Atlanta, Ga.
- National Photograph Mach. Co., 85 Beaver, New York.
- National Piano Bench Co., 1433 Carroll av, Chicago, Ill.
- National Piano Co., 621 Albany, Boston, Mass.
- National Piano Mfg. Co., automatic pianos, 31 Ottawa, N. W., Grand Rapids, Mich.
- National Pickle & Canning Co., Blue Island, Ill., & Granite Bldg., St. Louis, Mo.
- National Pin & Bracket Co., insulator, North Vernon, Ind.
- National Pin Co., Derby, Conn.
- National Pipe Bending Co., New Haven, Conn.
- National Pipe Die & Machine Co., Archbold, Ohio.
- National Plaster Board Co., Cleveland, Ohio.
- National Plastic Relief Co., Blue Rock & Turrill, Cincinnati, O.
- National Plumbing & Heating Supply Co., 6044 S. State, Chicago, Ill.
- National Pole Co., ties, poles & posts, Escanaba, Mich.
- National Porcelain Co., Trenton, N. J.
- National Pottery Co., Evansville, Ind.
- National Pressed Brick Co., Mascoutah, Ill., & 407 N. 8th, St. Louis, Mo.
- National Printing Mch. Co., Athol, Mass.
- National Products Co., 2d-hand machy. dlrs., East Liverpool, O.
- National Provisioner, trade publication, 116 Nassau, New York.
- National Pulley & Mfg. Co., engines, Webster Bldg., Chicago, Ill.
- National Pulp & Turpentine Co., Green Cove Springs, Fla.
- National Pulverizer Co., machy., Denver, Colo.
- National Pump Co., Dayton, Ohio.
- National Radiator Co., machsts. & fndrs., Johnston, Pa.
- National Railroad Trolley Guard Co., Olean, N. Y.
- National Railway Constr. Co., 43 Cedar, New York.
- National Ry. Devices Co., doors, 224 N. Desplaines, Chicago, Ill.
- National Red Oil & Soap Co., Harrison, N. J.
- National Refining Co., oils, etc., Rose Bldg., Cleveland, Ohio.
- National Refining Co., lubrg. oils, Indianapolis, Ind., & Springfield, Ill.
- National Refining & Mfg. Co., petroleum, Bakersfield, Cal.
- National Refrigerator & Fixture Co., 8th & Park av, St. Louis, Mo.
- National Regulator Co., 208 S. Jefferson, Chicago, Ill.
- National Retarder Co., Port Clinton, Ohio.
- National Ribbon & Carbon Co., 411 Frankfort av, Cleveland, O.
- National Ring Traveler Co., textile mchy., 257 W. Exch., Providence, R. I.
- National Roadmate Paving & Supply Co., 356 S. Spring, Los Angeles, Cal.
- National Roll & Foundry Co., Avonmore, Pa.
- National Roller Chafe Iron Co., West Medway, Mass.
- National Rolling Mill Co., Vincennes, Ind.
- National Roofing Co., Tonawanda, N. Y., & Ware blk, Omaha, Nebr.
- National Roofing Co., paper, Emigsville, Pa.



- National Roofing Materials Co., Edwardsville, Ill.  
 National Roofing & Supply Co., contrs., 140 Main, Louisville, Ky.  
 National Roofing Tile Co., Lima, Ohio.  
 National Rosin Oil & Size Co., 90 West, New York.  
 National Rubber Co., automobile tires & tubes, Pottstown, Pa.  
 National Rubber & Specialties Co., rubber cement, Winton pl, Cincinnati, Ohio.  
 National Safe & Lock Co., 2341 E. 69th, Cleveland, Ohio.  
 National Safety Fifth Wheel Co., Lancaster, Pa.  
 National Safety Snap Co., Wilmington, Ohio.  
 National Sales Co., minerals & earths, 31 E. 13th, Cincinnati, Ohio.  
 National Sand & Stone Co., Niles, Ohio.  
 National Sanitary Co., fndrs., Salem, Ohio.  
 National Sanitary Co., disinfectants, Sedalia, Mo.  
 National Sash & Door Co., Coffeyville, Kans., & N. Dupre & Carondelet walk, New Orleans, La.  
 National Saw Co., kraut cutters, Newark, N. J.  
 National Sawdust Co., sawdust, 102 N. 1st, Brooklyn, N. Y.  
 National Scale Co., machsts, automatic loading trucks, factory signals, etc., 11 Hendricks, Chicopee Falls, Mass.  
 National School Slate Co., Slatington, Pa.  
 National Screen Mfg. Co., 1456 Harrison av, Cincinnati, Ohio.  
 National Screw & Tack Co., Stanton av, Cleveland, Ohio.  
 National Selling Co., cigar packing machy., Allentown, Pa.  
 National Separator & Mach. Co., Concord, N. H.  
 National Sewer Pipe Co., Webster City, Ia.  
 National Sewing Mach. Co., arc lamp insulators, Belvidere, Ill.  
 National Sheet Metal Co., Peru, Ill.  
 National Sheet Metal Roofing Co., 339-345 Grand, Jersey City, N. J. *See adv index at end of book*  
 National Shipbuilding Co., Seattle, Wash.  
 National Shoe Plate Mfg. Co., Cleveland, Ohio.  
 National Show Case Co., Columbus, Ga., & 486 Leonard, Brooklyn, N. Y.  
 National Silica Wks., silex, Berkeley Springs, W. Va.  
 National Skylight & Ventilator Co., York & N. Y. C. Ry., Rochester, N. Y.  
 National Smelting Co., Grant av, Cleveland, Ohio.  
 National Soap Co., 440 Franklin, Detroit, Mich., & Leavenworth, Kans.  
 National Soap Corp., 444 Southamptn, Boston, Mass.  
 National Specialty Mfg. Co., meat choppers, coffee mills, etc., 3d & Lehigh av, Philadelphia, Pa.  
 National Specialty Mfg. Co., Montgomery Bldg., Milwaukee, Wis.  
 National Sponge & Chamois Co., 158 William, New York.  
 National Spring Bed Co., New Britain, Conn.  
 National Spring Clip Co., clothespins, Montpelier, Vt.  
 National Spring Co., for automobiles, New Castle, Ind.  
 National Spring & Wire Co., Albion, Mich.  
 National-Standard Co., blowers, seed mills, pumps, etc., Box 211, Niles, Mich.  
 National Starch Co., 17 Battery pl, New York.  
 National Steam Heating Co., 1130 N. Clark, Chicago, Ill.  
 National Steam Pump Co., Upper Sandusky, Ohio.  
 National Steam Spec. Co., gauges, valves, etc., 16 S. Clinton, Chicago, Ill.  
 National Steel Casting Co., machsts. & fndrs., Montpelier, Ind.  
 National Steel Fndries., Bellevue pl & Larkin, Milwaukee, Wis.  
 National Steel Fdry. Co., boat anchors, New Haven, Conn.  
 National Steel Prod. Co., gates, East Moline, Ill.  
 National Steel Products Co., lock-nuts, Marquette Bldg., Cleveland, Ohio.  
 National Steel Tank & Mfg. Co., Bradford, Ill.  
 National Stone Co., Bloomington, Ind.; 122 S. Michigan av, Chicago, Ill., & New Castle, Pa.  
 National Stone Renovat'g Co., 409 W. 55th, New York.  
 National Stove Co., Lorain, Ohio.  
 National Sucker Rod Co., machsts., Parkersburg, W. Va.  
 National Sugar Mfg. Co., Sugar City, Colo.  
 National Sugar Refin'g Co., 129 Front, New York.  
 National Sulphur Co., brimstone, 80 Maiden la, New York.  
 National Sumac & Herb Co., Henderson, N. C.  
 National Supply Co., machsts. & fndrs., Curtis Bay, Baltimore, Md., & Independence, Kans.  
 National Supply Co., mill & facty. supplies, Toledo, Ohio.  
 National Supply & Constr. Co., reinf. concrete steel const., Ellwood City, Pa.  
 National Supply & Equipment Co., foundry facings, Bulletin Bldg., Philadelphia, Pa.  
 National Supply & Mfg. Co., door hangers, wood skewers, etc., 2362 Palm, St. Louis, Mo.  
 National Surety Co., indemnity bond ins., 115 B'way, New York.  
 National Surface Guard Co., Rookery, Chicago, Ill.  
 National Sweeper Co., hand vacuum cleaners, 59 Field, Torrington, Conn.  
 National Synthetic Co., chemicals, Perth Amboy, N. J.  
 National Tack Co., East Bridgewater, Mass.  
 National Tag Co., Dayton, Ohio.  
 National Tank & Pipe Co., wood, Portland, Ore.  
 National Telephone Supply Co., Cleveland, Ohio.  
 National Terra Cotta Co., s. cor. 16th & Oakland, Kansas City, Mo.  
 National Textile Mfg. Co., cotton batting, Cohoes, N. Y.  
 National Thermometer Co., chem. needles, etc., 125 E. 23d, New York.  
 National Ticket Case Co., 842 W. 35th, Chicago, Ill.  
 National Ticket Co., 205 St. Clair av, N. E., Cleveland, Ohio.  
 National Tile Co., Anderson, Ind.  
 National Time Switch Co., South Bend, Ind.  
 National Tin Co., detinn'g plants, 21 Park Row, New York.  
 National Tool Co., machine tools (cutting, etc.), Cleveland, O.  
 National Toy Co., 277 Congress, Boston, Mass.  
 National Tracing Cloth Co., Saylesville, R. I.  
 National Transit Pump & Machine Co., Oil City, Pa.  
*See adv index at end of book*  
 National Trunk Co., 24 Morton, Newark, N. J.  
 National Trunk Fcty., 110 W. 9th, Kansas City, Mo.  
 National Tube Co., iron & steel rolling mills, machsts. & fndrs., valve mfrs., etc., Frick Bldg, Pittsburgh, Pa.  
*See adv index at end of book*  
 National Tubular Axle Co., Emigsville, Pa.  
 National Twist Drill & Tool Co., Brush nr. E. Grand blvd, Detroit, Mich.  
 National Umbrella Co., 1372 W. 6th, Cleveland, Ohio.  
 National Umbrella Frame Co., lock washers, 30th & Thompson, Philadelphia, Pa.  
 National Vacuum Mch. Co., Dayton, Ohio.  
 National Varnish Co., 153 West av, Long Island City, N. Y.  
 National Vault Casket Co., 2145 Bay, Los Angeles, Cal.  
 National Veneer Products Co., trunk mfrs., Mishawaka, Ind.  
 National Ventilat'g Co., cornices & skylights, 337 E. 26th, New York.  
 National Washboard Co., 72 W. Adams, Chicago, Ill.  
 National Water Lift Co., Kalamazoo, Mich.  
 National Water Main Clen'g Co., 50 Church, New York.  
 National Waterproof Film Co., 19 S. La Salle, Chicago, Ill.  
 National Waterproofing Co., waterproof paper, Drexel Bldg., Philadelphia, Pa.  
 National Wax & Paper Mfg. Co., 203 37th, Brooklyn, N. Y.  
 National Web Co., elastic webbing, 263 Linden av, Jersey City, N. J.  
 National Welding & Mfg. Co., Buffalo, N. Y., & 527 W. Jackson blvd, Chicago, Ill.  
 National Whalebone Co., 25 W. 45th, New York.  
 National Wheel Co., Perrysburg, Ohio.  
 National Wood Floor Co., 1328 B'way, New York.  
 National Woodenware Co. (Ltd.), ironing boards, Grand Rapids, Mich.  
 National Woodworking Mach. Co., Dover, N. H.  
 National Wrought Iron Annealing Box Co., Washington, Pa.  
 National X-Ray Reflector Co., 233 W. Jackson blvd, Chicago, Ill.  
 National Zinc Co., 2 Stone, New York.  
 Nattress, Geo., & Son, architects, 1129 Walnut, Phila., Pa.  
 Natural Falls Milling Co., flour, Bridgewater, Va.  
 Natural Power Co., elec. disc fans, St. Louis, Mo.  
 Natural Products Refining Co., potash, 902 Garfield av, Jersey City, N. J.  
 Natural Slate Blackboard Co., Penn Argyl, Pa.  
 Natwick, J., & Co., lbr. mfrs., Munsey Bldg., Baltimore, Md.  
 Naubuc Paper Co., Glastonbury, Conn.  
 Nauffts, Theo., contractor, Duluth, Minn.  
 Naugatuck Chemical Co., acids, chemicals, etc., Naugatuck, Conn.  
 Naugatuck Malleable Iron Co., machsts. & fndrs., Naugatuck, Conn.  
 Naugatuck Mfg. Co., seamless copper floats mfrs., Naugatuck, Conn.  
 Naughton Constr. Co., 79 William, New York.  
 Naughton & Weimar, barrel hoop driving & barrel washing machines, Westmoreland & Jasper, Philadelphia, Pa.  
 Naugle Pole & Tie Co., 22d & S. Morgan, Chicago, Ill.  
 Nault, Onesime E., architect, 8 Wall, Worcester, Mass.  
 Nauman Co., automobile bldrs., 138 6th, Milwaukee, Wis.  
 Nauman Co., lumber mfrs., Waterloo, Ia.  
 Naumann Hardware & Supply Co., 4324 Gtn. av, Phila., Pa.  
 Naumkeag Buffing Machine Co., Beverly, Mass.  
 Naumkeag Steam Cotton Co., cotton sheetings, Salem, Mass.  
 Nauss, L. B., Sons, masons' & bldrs.' matls. & sash, door & blind mfrs., Gloucester, Mass.  
 Nauvoo Canning Co., Nauvoo, Ill.  
 Naval Gun Fcty., steel castings, U. S. Naval Yard, Washington, D. C.  
 Naval Stores Marketing Co., rosin, turpentine mfrs., Canal Bank Bldg., New Orleans, La.  
 Navassa Guano Co. of Wilmington, Wilmington, N. C.  
 Nave, J. H., architect, Lewiston, Idaho.  
 Naveili & Calcagni Co., granite, Barre, Vt.  
 Nawn, Harry P., contractors, 82 Savin, Boston, Mass.  
 Nawrath, J. P., & Co., cotton mops, 109 Wooster, New York.  
 Nax, Leonard, smoking pipes, 144 Noble, Philadelphia, Pa.  
 Nay, E. O., & Co., heating contractors, Pasadena, Cal.  
 Naylon-Pierson-Hough Co., horse collars, 158 Congress, W. Detroit, Mich.  
 Naylor Bros., mill & facty. supplies, Peekskill, N. Y.  
 Naylor & Co., ores, steel imp., mchsts. & fndrs., 120 B'way, New York.  
 Naylor, M. E., architect, 1319 Walnut, Cincinnati, O.  
 Nazareth Cement Co., Nazareth, Pa.



- Nazareth Coal & Lumber Co., masons' & bldrs.' matls., Nazareth, Pa.
- Nazareth Foundry & Machine Co., Nazareth, Pa.
- Nazel Engineering Works, engineers & mchsts., 4049 No. 5th, Philadelphia, Pa.
- Neabrey, Leonard, cornices, 637 W. Court, Cincinnati, O.
- Neahr, M. J., & Co., bags, 1600 S. Dearborn, Chicago, Ill.
- Neal, B. B., Hardware Co., 117 Leonard, New York.
- Neal-Blum Co., masons' & bldrs.' matls. & who. hdwe., Savannah, Ga.
- Neal & Brinker Co., mill & facty. supplies, who. hdwe., 81 White, New York.
- Neal Co., hardware (who.), Buffalo, N. Y.
- Neal, E. H., architect, Williamstown, Mass.
- Neal Elec. Headlight Co., Board of Trade Bldg., Boston, Mass.
- Neal, James, cornices & skylights, Rome, Ga.
- Neal, Johns & Co., wagons, Lake City, Minn.
- Neal, Joseph L., architect, 245 4th av, Pittsburgh, Pa.
- Neal, W. H., & Son Co., tin cans, Hurlock, Md.
- Nealon, Jno. J., & Co., webbing (elastic), Bayonne, N. J.
- Nearpase, E. E., granite & stone producers, Port Jervis, N. Y.
- Neary, J. H., & Sons, contractors, Cohoes, N. Y.
- Neary, Peter, & Son Co., granite prod., Blissville, Long Island City, N. Y.
- Nease, C., Lumber Co., East Liverpool, O.
- Neast, Chas. & Co., masons' & bldrs.' matls., Mauch Chunk, Pa.
- Nebel, M. A., mchsts. & fndrs., 72 Grand av, B'klyn, N. Y.
- Nebergall, F. J., contractor, Davenport, Ia.
- Nebergall, L. E., contractor, City Natl. Bk. Bldg., Omaha, Nebr.
- Neb. Bridge Supply & Lbr. Co., Omaha, Neb.
- Neb. Carbonic Acid Gas Co., 615 S. 11th, Omaha, Neb.
- Neb. Compound & Oil Co., Omaha, Neb.
- Neb. Corn Mills, grits-hominy, Lincoln, Neb.
- Neb. Culv. & Mfg. Co., Wahoo, Neb.
- Neb. Incubator Co., Fairfield, Neb.
- Neb. & Ia. Steel Tank Co., Omaha, Neb.
- Neb. Lightning Rod Co., Omaha, Neb.
- Neb. Paint & Lead Co., Lincoln, Neb.
- Neb. Portland Cement Co., Omaha, Neb.
- Neb. Stone Co., Omaha, Neb.
- Nebes, David, mill brushes, Lowell, Mass.
- Necarsulmer, Edward, architect, 507 5th av, New York.
- Neck Bros Co., Ltd., brick, Marksville, La.
- Nedrow Mfg. Co., post office furniture, screens, etc., Caledonia, N. Y.
- Nee, Coleman, masons' & bldrs.' matls., Escanaba, Mich.
- Neebe, Jno. K., architect, 2101 W. Chicago av, Chicago, Ill.
- Needham Bros., brick, Miami, Ind.
- Needham, P. A., architect, Brockman Bldg., Los Angeles, Cal.
- Needham Piano Co., organs, 520 W. 48th, New York.
- Needles Mach. Wks., machsts., Needles, Cal.
- Neel-Armstrong Co., generators, Akron, O.
- Neeld, Benj. M., contractor, Decatur, Ill.
- Neeld, C. M., Constr Co., Oliver Bldg., Pittsburgh, Pa.
- Neelen & Daly, contractors, Fitzsimmons Bldg., Pittsburgh, Pa.
- Neely Nut & Bolt Co., Ltd., 22nd & Merriman, N. S., Pittsburgh, Pa.
- Neely, R. C. Co., fertilizer, Waynesboro, Ga.
- Neemes Bros., grate mfrs., Troy, N. Y.
- Neenah Brass Works, mchsts. & fdrs., Neenah, Wis.
- Neenah Packing Co., canned goods, Neenah, Va.
- Neenah Paper Co., Neenah, Wis.
- Neenah Sewer Pipe Co., Neenah, Wis.
- Neer, Delos D., architect, Commercial Bk, Portland, Ore.
- Nees & Co., contractors, Frankford, Ind.
- Nees, Louis & Co., cornices, 1207 S. 3d, Minneapolis, Minn.
- Neevel Mfg. Co., concrete reinf. materials, 1409 Kansas av, Kansas City, Mo.
- Neff, Benj. F. & Sons, brick, Bryan, O.
- Neff Bros., cornices & skylights, Allentown, Pa.
- Neff Bros., brick, North Creek, O.
- Neff, C. H., masons' & bldrs.' matls., Canfield, O.
- Neff, H. S., machsts., West Newton, Pa.
- Neff, J. M., brick, Baltimore, O.
- Neff, N. W., & C. D., masons' & bldrs.' matls., Geneseo, N. Y.
- Neff & Thames, architects, 1213 Filbert, Philadelphia, Pa.
- Neff & Thompson, architects, Seaboard Bk. Bldg., Norfolk, Va.
- Negley Clay Co., Negley, O.
- Negley, H. D., contractor, 7134 Idelwild, Pittsburgh, Pa.
- Negus, S. P., landscape arch., 284 Dart, Boston, Mass.
- Negus, T. S., & J. D., nautical instruments, etc., 140 Water, New York.
- Neher, O. H., architect, Garland Bldg., Los Angeles, Cal.
- Nehls, Barney, plating wks., Detroit, Mich.
- Nehrich, R. B., sweaters, cardigans, etc., 1260 B'way, B'lyn, N. Y.
- Neider, F. A., Co., top prop nuts & carriage & auto trimmings, Augusta, Ky.
- Nelderpreum Bldg. Co., 1170 Jefferson, Buffalo, N. Y.
- Neidich Process Co., typewriter ribbons, paper—carbon, etc., Burlington, N. J.
- Neidig, Chas. E., masons & bldrs.' matls., Goshen, Ind.
- Neighbour, E. J., lime, German Valley, N. J.
- Neil, F. Boyle, & Co., whol. hdwe., Blackfoot, Idaho.
- Neil, Jas., & Co., flour mills, Carmichaels, Pa.
- Neil & Smith Electric Tool Co., portable electric tools, 120 E. 6th, Cincinnati, Ohio.
- Neild, E. F., architect, Continental Bk. Bldg., Shreveport, La.
- Neiler, Rich. & Co., consulting engineers—heating and ventilating, Manhattan Bldg., Chicago, Ill.
- Neill, J. O., Hardware Co., masons & bldrs.' matls., Fall River, Mass.
- Neill, W. H., Co., mill & facty. supplies, 505 W. Main, Louisville, Ky.
- Neillville Canning Co., Neillville, Wis.
- Neils Lumber Co., Cass Lake, Minn.
- Neily, Jos. W., whol. hdwe., 121 South, Baltimore, Md.
- Neimeyer, A. J., Lumber Co., Little Rock, Ark.
- Neiner, John, Carriage Co., 4736 Easton av, St. Louis, Mo.
- Neitzel, B. H., contractor, South Bend, Ind.
- Neitzel Bros. & Theilmann, corn brooms, Spokane, Wash.
- Nejdl & Greenwald, contractors, Whiting, Ind.
- Nekonegan Paper Co., Oldtown, Me.
- Nekoosa-Edwards Paper Co., Port Edwards, Wis.
- Neich, Hy., & Son, masons & bldrs.' matls., Springfield, Ill.
- Neligh Brick & Mfg. Co., Neligh, Neb.
- Nelite Works, lamp chimneys, globes, reflectors, etc., Cleveland, Ohio.
- Nelke, L. D., elec. illuminated & enameled iron signs, 23 E. 26th, New York.
- Nellan, G. M., machst. & fndr., Newton, Kan.
- Neller, Louis, contractor, Lansing, Mich.
- Nellis, Amos & Swift, lumber mfrs., Utica, N. Y.
- Nelman & Saul, mchsts. & fndrs., Hamburg, Pa.
- Nelms & Co., horse brushes, 407 Commerce, Philadelphia, Pa.
- Nelsen, H. O., Iron Works, fndrs., Knoxville, Tenn.
- Nelson, A. G., Lumber Co., Waupaca, Wis.
- Nelson, A. J., architect, L. & L. & G. Bldg., New Orleans, La.
- Nelson, A. J., Mfg. Co., iron roofing, New Orleans, La.
- Nelson, A., Mfg. Co., machsts., 564 W. Randolph, Chicago, Ill.
- Nelson, Alex., & Co., dumbwaiters, 103 W. 96th, New York.
- Nelson & Ashworth, architects, Provo City, Utah.
- Nelson, B. F., Mfg. Co., paper & box board mfrs., 414 Marshall, Minneapolis, Minn.
- Nelson & Bauer, contractors, Fulton & Gough, San Francisco, Cal.
- Nelson-Blanck Mfg. Co., drilling heads, Dubois & Clay av, Detroit, Mich.
- Nelson Blower & Furnace Co., machsts. & fndrs—designers & bldrs of machy., 11 Elkins, Boston, Mass.
- Nelson Brick & Tile Co., New Haven, Ky.
- Nelson Bros., archl. iron, 62½ Thayer, Boston, Mass.
- Nelson Bros., mattresses, Wilkes-Barre, Pa.
- Nelson Bros., lumber mfrs., Jamestown, N. Y.
- Nelson Bros. Co., machsts. & fndrs., Saginaw, Mich.
- Nelson Building Co., chamber of Commerce, Detroit, Mich.
- Nelson, C. H., Metal Co., tin plate, metals, etc., 104 So. Charles, Baltimore, Md.
- Nelson, C., Mfg. Co., ice cream cabinets, 2300 Division, St. Louis, Mo.
- Nelson, C. N., architect, Beatty Bldg., Houston, Tex.
- Nelson & Call Co., hdwe. mfrs., Cortland, N. Y.
- Nelson, Chas., grille work, 1939 W. Lake, Chicago, Ill.
- Nelson, Chas., distillers, gin, Nashville, Tenn.
- Nelson, Chas. Co., lumber, 230 California, San Francisco, Cal.
- Nelson & Co., sash, door & blind mfrs., Jamestown, N. Y.
- Nelson Constr. Co., Orange, N. J.
- Nelson Corp., loose leaf devices, 4114 Ravenswood av, Chicago, Ill.
- Nelson Dist. Co., 922 N. Broadway, St. Louis, Mo.
- Nelson, Edward J., architect, Greensburg, Pa.
- Nelson, F. P., & Sons Co., contractors, 139 N. Clark, Chicago, Ill.
- Nelson, Fred. A., architect, Connell Bldg., Scranton, Pa.
- Nelson, G. M., architect, 819 Halsey, Brooklyn, N. Y.
- Nelson Gas Engine & Auto Co., Harlan, Ia.
- Nelson, H. P., & Son Piano Co., 1254 Marianna, Chicago, Ill.
- Nelson & Hall Co., butter tubs, Montgomery Center, Vt.
- Nelson Hardware Co., Roanoke, Va.
- Nelson & Hawkinson, stone producers, 6153 B'way, Chicago, Ill.
- Nelson, Henry, mach. & fndr., Northwood, Ia.
- Nelson, Hy., & Co., soap, 1510 W. Ohio, Chicago, Ill.
- Nelson, I. R., vacuum process impregnating, 1 Bond, Newark, N. J.
- Nelson Indra Machinery Co., Green Bay, Wis.
- Nelson Iron Works, machsts. & fndrs., Marshfield, Ore.
- Nelson, J. B., Construction Co., Mankato, Minn.
- Nelson, J. L., & Co., canned goods, Hebron, Md.
- Nelson, J. M., oiled clothing, Gloucester, Mass.
- Nelson, J. M., architect, Roswell, N. M.
- Nelson, Jacks, Lumber Co., Shreveport, La.
- Nelson, James E., Co., contractors, 7 Water, Boston, Mass.
- Nelson, John F., contractor, 693 Hicks, Brooklyn, N. Y.
- Nelson, Jos. E., & Sons, contractors, 118 N. La Salle, Chicago, Ill.
- Nelson, Jos., Supply Co., plumbers' supplies—jobbers, Salt Lake City, Utah.
- Nelson, L. H., Co., paper cups, Portland, Me.
- Nelson & Le Moon, automobile bldrs., 849 N. Kedzie, Chicago, Ill.
- Nelson & Lewin, contractors, 30 N. La Salle, Chicago, Ill.
- Nelson Lumber & Mfg. Co., interior finish mfrs., 372 Dublin av, Columbus, Ohio.
- Nelson Mfg. Co., tank heaters, animal traps, Deerfield, Wis.
- Nelson Mfg. & Supply Co., machinists, Hutchinson, Kansas.
- Nelson, Myers, Co., brick, West Manchester, Ohio.



- Nelson, N., machst. & fndr., Waukegan, Ill.  
 Nelson, N. A., Co., contractors, 3047 4th av, S., Minneapolis, Minn.  
 Nelson, N. O., Co., mill & facty. supplies, Memphis, Tenn.  
 Nelson, N. O., Co., plumbing supplies, Houston, Tex.  
 Nelson, N. O., Mfg. Co., plumbers, mill & facty. supplies—jobbers, 10th & Chestnut, St. Louis, Mo.  
 Nelson, N. O., Marble Co., Edwardsville, Ill.  
 Nelson-Neal Lumber Co., Montborne, Wash.  
 Nelson, Neis, & Son, machsts., Aberdeen, Wash.  
 Nelson, Nels P., contractor, Montclair, N. J.  
 Nelson, Peter, contractor, Temple ct., Minneapolis, Minn.  
 Nelson, Peter, & Son, contractors, La Crosse, Wis.  
 Nelson, R., Canning Co., Galena, Mo.  
 Nelson, Robt., contractor, Racine, Wis.  
 Nelson, S., architect, Arlington, Tex.  
 Nelson, Samuel, brush holders, 1748 Grace, Chicago, Ill.  
 Nelson & Thompson, contractors, Albert Lea, Minn.  
 Nelson Tool Co., machsts. & fndrs., etc., 781 E. 142d, New York.  
 Nelson Valve Co., machsts. & fndrs., Wyndmoor, Pa.  
 Nelson & Van Wagnen, architects, 15 W. 38th, New York.  
 Nelson, W. H., & Son, rivets, Taunton, Mass.  
 Nelson, W. P., Co., decorators, 614 S. Michigan av, Chicago, Ill.  
 Nelson, Weber, Constr. Co., Oconomowoc, Wis.  
 Nelsonville Brick Co., Nelsonville, Ohio.  
 Neltge, Otto, contractor, Mankato, Minn.  
 Nemann & Hieronymus, Mount Olive, Ill.  
 Nemes, B., machsts. & fndrs., 652 E. 12th, New York.  
 Neosho Canning Co., Neosho, Mo.  
 Neosho Foundry & Plow Works, Neosho, Mo.  
 Neosho Milling Co., flour, Neosho, Mo.  
 Neostyle Co., duplicators, 319 B'way, New York.  
 Neostyle Envelope Co., 5 S. Wabash av, Chicago, Ill.  
 Nephi Plaster & Mfg. Co., Salt Lake City, Utah.  
 Neponset Engine & Machine Co., gas & gasoline engine builders, Neponset, Boston, Mass.  
 Neponset Woolen Mills, woolen carriage cloth, Canton Junction, Mass.  
 Neptune Hardware Mfg. Co., 54 South, New York.  
 Neptune Meter Co., machsts. & fndrs., 50 E. 42d, New York.  
 Neptune Packing Co., canned goods, Boothbay Harbor, Me.  
 Neptune Paint Co., Hudson, Mich.  
 Neptune Twine & Cord Mills, Moodus, Conn.  
 Nernst Lamp Co., incandescent electric lamps, Fayette & Garrison pl, Pittsburgh, Pa.  
 Nesbitt, B. Morgan, architect, Twin Falls, Idaho.  
 Nesbitt & Bro., cornices, Wheeling, W. Va.  
 Nesser, John E., archt. & ornament iron, 4 7th av, New York.  
 Nesser & Quinn Co., plumbers' supplies, Lexington & Green, Baltimore, Md.  
 Neslage, Herman F., patterns & models, St. Louis, Mo.  
 Ness Bros. & Co., wagon & carriage material mfrs., York, Pa.  
 Ness, Geo. M., Jr., stamps, sinkers, stencils, etc., 61 Fulton, New York.  
 Ness, J. E., architect, Plymouth, Ind.  
 Ness, J. S., contractor, Plymouth, Ind.  
 Nessen, J. O., Lumber Co., 122 S. Michigan av, Chicago, Ill.  
 Nester, P. H., canned goods, Thaxton, Va.  
 Nestor Mfg. Co., die mfrs., 40 W. 13th, New York.  
 Nestos Timber Co., Ltd., lumber, Bellingham, Wash.  
 Netcher, George W., architect, Tiffin, Ohio.  
 Netcott, H. E., architect, Independence, Ia.  
 Nethercott, R., flour mills, Rutherford, Tenn.  
 Netting, C. J., Co., elec. fix., 71 B'way, Detroit, Mich.  
 Nettleton-Bruce-Echbach Co., contractors, Seattle, Wash.  
 Nettleton & Weaver, architects, Penobscot Bldg., Detroit, Mich.  
 Netz, Edwin A., heating contr., 463 27th, Milwaukee, Wis.  
 Netzow, C. F., Mfg. Co., pianos, 304 W. Water, Milwaukee, Wis.  
 Neubauer & Boyd, architects, 1118 Chestnut, Philadelphia, Pa.  
 Neubeck, G., Iron Wks., architectl. & ornament., 517 W. 46th, New York.  
 Neuberger, Fred'k. & Co., turkish towels, Paterson, N. J.  
 Neubert, R. F., Co., incubators, Mankato, Minn.  
 Neuchatel Asphalt Co., bridge foundations, etc., 79 Thompkins, New York.  
 Neuer, H., Glass Co., 518 Reading rd, Cincinnati, Ohio.  
 Neuer & Hoffman, advert. nov. & spec., 75 Grand, New York.  
 Neuhaus, C. & Co., surgical instruments, 510 N. Eutaw, Baltimore, Md.  
 Neuhauser, D. L., glass stainers, elec. portables, 326 W. Grand av, Chicago, Ill.  
 Neuhoft Abattoir & Packing Co., meat packers, Nashville, Tenn.  
 Neuken, Albert, Cut Stone Co., Toledo, Ohio.  
 Neuman, J. C., architect, Winchester, Va.  
 Neuman, J. C., cornices, Springfield, Ill.  
 Neumann, Arthur H., & Co., contractors, Des Moines, Ia.  
 Neumann, H. W., Mach. Co., Davenport, Ia.  
 Neumann, R., & Co., sumac, 76 Worth, New York.  
 Neumann, R., Hdwe. Co., 9 St. Francis, Newark, N. J.  
 Neumann, W., architect, 314 Palisade av, Jersey City, N. J.  
 Neumann, Walter F., architect, Caswell blk., Milwaukee, Wis.  
 Neumann, William, architect, 314 Palisade av, Jersey City, N. J.  
 Neumarket, E. A., architect, Sharon Bldg., San Francisco, Cal.  
 Neumeister, F. P., & Co., carriages & knocked-down boats, Rockford, Ill.  
 Neumeyer & Dimond, blast furnace; pipe & tube mill & punching machinery, etc., 82 Beaver, New York.  
 Neumeyer, H. F., & Son, machsts. & fndrs., Macungie, Pa.  
 Neumiller, J. & G., carriages, 125 Fell, San Francisco, Cal.  
 Neumkirchen & Harssch, contractors, 133 W. Washington, Chicago, Ill.  
 Neupert & Budwig, packing box, Waterloo, Wis.  
 Neureitter & Horre, masons' & bldrs.' matls., Elizabeth, N. J.  
 Neustadt Auto. & Supply Co., 3200 Locust, St. Louis, Mo.  
 Nevada City Hdwe. Co., Nevada City, Cal.  
 Nevada County Cannery Ass'n, Grass Valley, Cal.  
 Nevada Engineering Wks., Reno, Nev.  
 Nevada Metal Mfg. Co., road culverts, Reno, Nev.  
 Nevada Packing Co., meat, Reno, Nev.  
 Nevada Sheet Metal Wks., Reno, Nev.  
 Nevada State Univ., engng. school & coll., Reno, Nev.  
 Nevate, G. H., architect, 220 W. 5th, Los Angeles, Cal.  
 Nevels Bros., contractors, Hartford, Conn.  
 Never Fall Co., razor strops, Toledo, Ohio.  
 Never Slip Safety Clamp Co., 141 B'way, New York.  
 Neverslip Mfg. Co., horseshoes & calks, New Brunswick, N. J.  
 Never Split Seat Co., 1400-1408 Morgan av, Evansville, Ind.  
 Neves, W. D., architect, Greenville, S. C.  
 Neville & Bagge, architects, 105 W. 40th, New York.  
 Neville Bros., fertz. mfrs., West Union, S. C.  
 Neville, Jerry, contractor, London, Ohio.  
 Neville Steering Wheel & Mfg. Co., 700 Woodward av, Detroit, Mich.  
 Neville, T., carriages, Oshkosh, Wis.  
 Neville, Thos., & Co., automobile bldrs., Oshkosh, Wis.  
 Neville, Thos. J., masons' & bldrs.' matls., Malden, Mass.  
 Neville, W. N., flour mills, Arlington, Ky.  
 Nevin, Chas. K. B., architect, 6 Beacon, Boston, Mass.  
 Nevin, H. L., architect, Starks Bldg., Louisville, Ky.  
 Nevin, T. H., Co., paints, Island & Preble, Pittsburgh, Pa.  
 Nevinger, Dan'l D., contractor, 1259 Abbott rd, Buffalo, N. Y.  
 Nevins, Ed. J., stone producer, wkr. & dlr., 638 W. 51st, New York.  
 Nevins, Sam'l, Co., clay, crayon, pencil & silica mfrs., 109 S. 2d, Philadelphia, Pa.  
 Nevitt, John J., architect, 21 Bay, Savannah, Ga.  
 New Acme Plating Co., 59 Page, Providence, R. I.  
 New Aetna Portland Cement Co., 412 Union Trust Bldg., Detroit, Mich.  
 New Albany Box & Basket Co., New Albany, Ind.  
 New Albany Hosiery Mills, lumbermen's socks, New Albany, Ind.  
 New Albany Machine Mfg. Co., New Albany, Ind.  
 New Albany Veneering Co., New Albany, Ind.  
 New Albany Wall Plaster Co., New Albany, Ind.  
 New Alexandria Coke Co., Greensburg, Pa.  
 New Amsterdam Casualty Co., accident & empls.' liability, ins., 59 John, New York.  
 New Baden Milling Co., flour, New Baden, Ill.  
 New Bedford Boiler & Machine Co., New Bedford, Mass.  
 New Bedford Cordage Co., New Bedford, Mass.  
 New Bedford Foundry & Machine Co., New Bedford, Mass.  
 New Bedford Mill Supply Co., New Bedford, Mass.  
 New Bedford Rubber Co., New Bedford, Mass.  
 New Bedford Shuttle Co., tex. machy., supplies, etc., New Bedford, Mass.  
 New Bedford Valve Mfg. Co., New Bedford, Mass.  
 New Bern Cotton Oil & Fertilizer Mills, New Bern, N. C.  
 New Bethlehem Fabric Mfg. Co., canvas gloves, New Bethlehem, Pa.  
 New Bethlehem Window Glass Co., New Bethlehem, Pa.  
 New Bremen Bridge Co., New Bremen, Ohio.  
 New Bremen Broom Co., New Bremen, Ohio.  
 New Brighton Plaster Co., New Brighton, Pa.  
 New Britain Carriage Co., New Britain, Conn.  
 New Britain Hdwe. Mfg. Co., mach. handles, New Britain, Conn.  
 New Britain Machine Co., automatic screw and chucking machines, woodworking machinery & shop furniture mfrs., 190 Chestnut, New Britain, Conn.  
 New Britain Mfg. Co., machsts., New Britain, Conn.  
 New Britain Sheet Metal Co., radiator fans, New Britain, Conn.  
 New Brunswick Iron Wks., New Brunswick, N. J.  
 New Can Co., 326 A. Boston, Mass.  
 New Castle Casket Co., New Castle, Ind.  
 New Castle Elastic Pulp Plaster Co., New Castle, Pa.  
 New Castle Fndry. Co., New Castle, Ind.  
 New Castle Limestone & Clay Co., New Castle, Pa.  
 New Castle Lumber & Constr. Co., New Castle, Pa.  
 New Castle Paper Mills, New Castle, Pa.  
 New Castle Steel & Iron Co., bolts, chains, forgings, etc., Pittsburgh, Pa.  
 New Central Foundry Co., Lewisburg, Pa.  
 New Century Gas Elec. Fixture Co., 17 Crosby, New York.  
 New Chicago Specialty Co., toys, games & novelties, New Chicago, Ind.  
 New City Iron Wks., 4857 S. Racine av, Chicago, Ill.  
 New Columbia Iron Wks., architectl. & ornament., 246 E. 118th, New York.  
 New Conklin Wagon Co., Olean, N. Y.  
 New Cumberland Brick Co., New Cumberland, Pa.  
 New, D. F., flour, Carrollton, Ga.



- New Departure Mfg. Co., New Departure ball bearing in double row, single row "Rodax" & magneto types; coaster brakes & hubs for bicycles; bells for bicycles, fire alarm and house door use; steel balls and cyclometers for bicycles, 269 N. Main, Bristol, Conn. *See adv index at end of book.*
- New Departure Service Station, ball & roller bearings, 255 W. 58th, New York.
- New Doty Mfg. Co., machy., Janesville, Wis.
- New Edmonton Mills, Inc., Edmonton, Ky.
- New Egyptian Portland Cement Co., Detroit, Mich.
- New England Annealing & Tool Co., machsts. & fndrs., 74 K, S. Boston, Mass.
- New England Auto Top & Body Co., 317 W. 47th, New York.
- New England Bedding Co., mattresses, 321 Congress, Boston, Mass.
- New England Blacking Co., rubber goods, 24 Binford, Boston, Mass.
- New England Bolt Co., Everett, Mass.
- New England Bolt & Steel Co., arch'l iron, Boston & Everett, Mass.
- New England Bolt & Supply Co., guy anchors, Everett, Mass.
- New England Box Co., Greenfield, Mass.
- New England Brick Co., 18 Post Office Square, Boston, Mass.
- New England Broom & Supply Co., 191 Forest Hills, Boston, Mass.
- New England Bunting Co., Lowell, Mass.
- New England Butt Co., machsts. & fndrs., 304 Pearl, Providence, R. I.
- New England Button Co., 79 Summit, Newark, N. J.
- New England Canning Co., Eastport, Me.
- New England Carpet Lining Co., New London, Conn.
- New England Cement Gun Co., 12 West, Boston, Mass.
- New England Collapsible Tube Co., New London, Conn.
- New England Concrete Construction Co., 201 Devonshire, Boston, Mass.
- New England Construction Co., Springfield, Mass.
- New England Contr. Co., Worcester, Mass.
- New England Cornice Co., 191 Dudley, Boston, Mass.
- New England Counter Co., Nashua, N. H.
- New England Crushed Stone Co., 125 Forest Hills, J. P., Boston, Mass.
- New England Distilling Co., Covington, Ky.
- New England Drawn Steel Co., soft steel mfrs., Mansfield, Mass.
- New England Dressed Meat & Wool Co., 41 No. Market, Boston, Mass.
- New England Electrical Wks., Lisbon, N. H.
- New England Enameling Co., coffee percolators, Middletown, Conn.
- New England Engineering Co., 23 W. Main, Waterbury, Conn.
- New England Envelope Co., Worcester, Mass.
- New England Felt Roofing Wks., 101 Milk, Boston, Mass.
- New England Fibre Blanket Co., Worcester, Mass.
- New England Forge Co., Worcester, Mass.
- New England Gas & Coke Co., ammonium sulphate, 111 Devonshire, Boston, Mass.
- New England Gear Wks., machsts., 100 Purchase, Boston, Mass.
- New England Granite Wks., granite paving blocks, producers, etc., Westerly, R. I.
- New England Iron Wks. Co., boilers, stacks, etc., Summer, Boston, Mass.
- New England Lamp Co., incandescent lamps, Malden, Mass.
- New England Lime Co., Danbury, Conn.
- New England Lock & Hinge Co., Winchendon, Mass.
- New England Mach. & Elec. Co., Pawtucket, R. I.
- New England Machy. Co., stranding machs., New Haven, Conn.
- New England Mfg. Co., acetylene gas machs., 1st Nat. Bk. Bldg., Chicago, Ill.
- New England Marble Mosaic Co-operative Co., 147 Orleans, E. B., Boston, Mass.
- New England Metal Culvert Co., Palmer, Mass.
- New England Nov. Mfg. Co., cigar lighters, Boston, Mass.
- New England Novelty Wks., cutters, glass, irons—waffle, Hill, N. H.
- New England Oil, Paint & Varnish Co., Waters av, Boston, Mass.
- New England Plumbing Supply Co., Springfield, Mass.
- New England Pressed Steel Co., Natick, Mass.
- New England Quartz Co. of N. Y., 107 William, New York.
- New England Reed Co., rattan furn., 11A Green, Boston, Mass.
- New England Road Machy. Co., rock crushers, 15 S. Market, Boston, Mass.
- New England Roller Grate Co., Springfield, Mass.
- New England Rubber Shoe Co., 284 Summer, Boston, Mass.
- New England Rug Co., Lawrence, Mass.
- New England Screw Co., 44 Farnsworth, Boston, Mass.
- New England Steel Casting Co., fndrs., Trenton, N. J.
- New England Steel Roofing Co., Worcester, Mass.
- New England Stone Co., New Haven, Conn.
- New England Structural Co., Everett, Mass.
- New England Supply Co., meat packers, 15 Garden av, Providence, R. I.
- New England Tank & Tower Co., steel structural wk., Everett, Mass.
- New England Truck Co., Fitchburg, Mass.
- New England Trunk Co., 125 Summer, Boston, Mass.
- New England Turpentine Cup Co., Mobile, Ala.
- New England Ventg. & Heating Co., 926 Manton av, Providence, R. I.
- New England Westinghouse Co., guns & rifles, Chicopee & Springfield, Mass.
- New Era Canning Co., New Era, Mich.
- New Era Elec. Blower Co., 2248 W. Lake, Chicago, Ill.
- New Era Mfg. Co., alloy metals, boiler compounds, packing mfrs., etc., Kalamazoo, Mich.
- New Era Mfg. Co., pencil sharpeners, etc., 450 4th av, New York.
- New Era Milling Co., flour, Arkansas City, Kan.
- New Era Optical Co., Chicago, Ill.
- New Era Spring & Specialty Co., Detroit, Mich.
- New, F. J., contractor, New Rochelle, N. Y.
- New Farson Mfg. Co., music cabinets, Chester, Pa.
- New Fdry. Appliance Co., Hamilton, Ohio.
- New Fdry. & Mfg. Co., Sioux City, Ia.
- New Glarus Lumber Co., New Glarus, Wis.
- New Glasgow Planing Mill Co., Glasgow, Ky.
- N. H. Artistic Web Co., Barnstead, N. H.
- N. H. Coll. of Mec. Arts, engng. schools & coll., Durham, N. H.
- New Hartford Canning Co., Ltd., New Hartford, N. Y.
- New Hartford Cotton Mfg. Co., surgical gauze, New Hartford, N. Y.
- New Haven Boiler Wks., New Haven, Conn.
- New Haven Button Co., New Haven, Conn.
- New Haven Carriage Co., auto. metal bodies, Water & Franklin, New Haven, Conn.
- New Haven Clock Co., New Haven, Conn.
- New Haven Copper Co., anodes, auger bits & copper, Seymour, Conn.
- New Haven Cornice & Metal Wks., New Haven, Conn.
- New Haven Elec. Mfg. Co., knife switches, New Haven, Conn.
- New Haven Engineering & Constr. Co., contractors, 82 Church, New Haven, Conn.
- New Haven Fence & Fire Escape Co., iron railings, 683 Grand av, New Haven, Conn.
- New Haven Folding Box Co., New Haven, Conn.
- New Haven Gas Light Co., aqua ammonia, tar mfrs., etc., New Haven, Conn.
- New Haven Granite Wks., artificial stone ldry. tubs, New Haven, Conn.
- New Haven Lumber & Supply Co., New Haven, Ind.
- New Haven Mill Co., flour, New Haven, Ky.
- New Haven Milling Co., flour, New Haven, W. Va.
- New Haven Pulp & Board Co., New Haven, Conn.
- New Haven Rigging Co., dock bldrs., New Haven, Conn.
- New Haven Sand Blast Co., 49 Orange, New Haven, Conn.
- New Haven Saw Mill Co., lbr. mfrs., New Haven, Conn.
- New Haven Screw Co., screw machine products, New Haven, Conn.
- New Haven Sherardizing Co., New Haven, Conn.
- New Haven Spring Bed Co., New Haven, Conn.
- New Haven Truck & Auto Wks., New Haven, Conn.
- New Holland Machine Co., agricultural implements, stone pulverizers & corn mills, New Holland, Pa.
- Jackson blvd, Chicago, Ill.
- New Holstein Canning Co., New Holstein, Wis.
- New Home Sewing Machine Co., Orange, Mass.
- New I. D. Seat Co., carriage bodies, Rohrerstown, Pa.
- New Idea Arc Light Co., 20 W. Houston, New York.
- New Idea Spreader Co., Coldwater, Ohio.
- N. J. Adamant Mfg. Co., plaster boards, etc., East Newark & Harrison, N. J.
- N. J. Blind & Screen Co., Paterson, N. J.
- N. J. Brick Co., 841 B'way, New York.
- N. J. Brush Co., Bloomfield, N. J.
- N. J. Button Wks., Duryea, Newark, N. J.
- N. J. Car Spring & Rubber Co., 91 Brunswick, Jersey City, N. J.
- N. J. Cement Constr. Co., 359 Park av, Newark, N. J.
- N. J. China Pottery Co., Trenton, N. J.
- N. J. Clay Pot Co., glass house clay supplies, Vineland, N. J.
- N. J. Clay Prod. Co., brick, New Brunswick, N. J.
- N. J. Co., brick & fire proof tile, 17 Battery pl, New York.
- N. J. Dock & Bridge Bldg. Co., Dix Bldg., Elizabeth, N. J.
- N. J. Dry Dock & Transportation Co., machsts., Elizabeth, N. J.
- N. J. Engineering & Constr. Co., Morristown, N. J.
- N. J. Engineering & Supply Co., Passaic, N. J.
- N. J. Lime Co., Hamburg, N. J.
- N. J. Machinery Exchange, machy. dealer, 21 Mechanic, Newark, N. J.
- N. J. Optical Co., Newark, N. J.
- N. J. Paint Wks., Wayne, Jersey City, N. J.
- N. J. Rubber Co., Lambertville, N. J.
- N. J. School & Church Furniture Co., Trenton, N. J.
- N. J. Stone & Tile Co., Atlantic City, N. J.
- N. J. Terra Cotta Co., Singer Bldg., New York.
- N. J. Trap Rock Co., Morristown, N. J.
- N. J. Tube Co., rolling mills—brass & copper—Harrison, N. J.
- N. J. Wire Cloth Co., Trenton, N. J.
- N. J. Wire Stitching Mach. Co., Camden, N. J.
- N. J. Zinc Co., furnaces, Palmerton, Pa., & machsts. & fndrs., 55 Wall, New York.
- New Kensington Fibre Plaster Co., New Kensington, Pa.
- New Kensington Stone Co., Wilkinsburg, Pa.
- New Lexington Clay Mfg. Co., New Lexington, Ohio.
- New Lexington Sand Co., New Lexington, Ohio.
- New Lisbon Canning Co., New Lisbon, Ind.
- New London Marine & Iron Wks., machsts. & fndrs., New London, Conn.



- New London Motor Co., machsts., New London, Conn.  
 New London Ship & Engine Co., Diesel type heavy oil engine bldrs., Groton, Conn.  
 New London Vise Wks., New London, Conn.  
 New Machine Co., Danbury, Conn.  
 New Martinsville Glass Mfg. Co., table, New Martinsville, W. Va.  
 New Method Stove Co., Mansfield, Ohio.  
 New Mex. Coll. of Mec. Arts, engng. school & coll., State College, N. M.  
 New Mex. School of Mines, engng. school & coll., Socorro, N. M.  
 New Milford Foundry & Machine Co., New Milford, Conn.  
 New Monarch Mach. & Stamping Co., Des Moines, Ia.  
 New Occidental Mill Co., buckwheat flour, Minneapolis, Minn.  
 New Orleans Acid & Fertilizer Co., Gretna, La.  
 New Orleans Boiler Wks., 643 Magazine, New Orleans, La.  
 New Orleans Butchers' Hide & Tallow Co. (Ltd.), New Orleans, La.  
 New Orleans Cornice Wks., Co., Cortez & Orleans, New Orleans, La.  
 New Orleans Dry Dock & Shipbuilding Co., machsts. & fndrs., Whitney-Central Bldg., New Orleans, La.  
 New Orleans Machine Works, 509 Conti, New Orleans, La.  
 New Orleans Roofing & Metal Co., Cortez & Orleans, New Orleans, La.  
 New Orleans Sash & Door Co., 826 Perdido, New Orleans, La.  
 New Orleans Trunk & Bag Co., 145 Baronne, New Orleans, La.  
 New Phoenix Fdry. & Mach. Co., Springfield, Mo.  
 New Prague Flouring Mill Co., New Prague, Minn.  
 New Prague Foundry Co., New Prague, Minn.  
 New Process Fertilizer Co., Columbus, Ohio.  
 New Process Gas Mantle Co., 27 Bank, Philadelphia, Pa.  
 New Process Gear Corp., Syracuse, N. Y.  
 New Process Specialty Co., special tools, jigs & fixtures, Enterprise Bldg., Milwaukee, Wis. *See adv. index at end of book.*  
 New Process Stove Co., 4415 Perkins av., Cleveland, Ohio.  
 New Process Twist Drill Co., drill sockets, drills & reamers, Taunton, Mass.  
 New Roads Oil Mill & Mfg. Co., New Roads, La.  
 New Rochelle Coal & Lumber Co., masons' & bldrs.' matls., New Rochelle, N. Y.  
 New River Lumber Co., Union Trust Bldg., Cincinnati, Ohio.  
 New River Turpentine Co., Vilas, Fla.  
 New Riverside Ochre Co., clays, Cartersville, Ga.  
 New Spar Prod. Co., soap powders, Columbia & B. & O. R. R., Baltimore, Md.  
 New Specialty Mfg. Co., gasoline lighting systems, Council Bluffs, Ia.  
 New Standard Hdwe. Wks., machsts. & fndrs., Mount Joy, Pa.  
 New State Sash & Door Co., Okla., Okla.  
 New Stone Canning Co., Fordland, Mo.  
 New Trinidad Lake Asphalt Co., Land Title Bldg., Phila., Pa.  
 New Ulm Feed & Cereal Mill Co., New Ulm, Minn.  
 New Ulm Roller Mill Co., flour, New Ulm, Minn.  
 New Ulm Stone Co., New Ulm, Minn.  
 New Union Lumber Co., Linton, Ind.  
 New Wapakoneta Wheel Co., Wapakoneta, Ohio.  
 New Washington Brick Co., Wilkins Bldg., Washington, D. C.  
 New Way Knitting Co., sweaters, cardigans, Williamston, Mich.  
 New Way Motor Co., pumping engines, Lansing, Mich.  
 New Westerly Granite Co., Milford, N. H.  
 New Winona Mfg. Co., agricultural implements, Winona, Minn.  
 New Writerpress Co., addressing, duplicating & office printing machines, Shelton, Conn.  
 N. Y. Academy of Science, engng. schools & coll., New York.  
 N. Y. Air Brake Co., mchsts. & fndrs., 165 B'way, New York.  
 N. Y. Architectural Terracotta Co., 401 Vernon av., Long Island City, N. Y.  
 N. Y. Asbestos Co., 203 Front, New York.  
 N. Y. Bath Mfg. Co., 103 Chambers, New York.  
 N. Y. Belting & Packing Co., billiard & pool table cushions, 91 Chambers, New York.  
 N. Y. Blank Book Co., r. r. stationery, 316 Hudson, New York.  
 N. Y. Blower Co., blowers, fans, forges, heating apparatus, etc., Archer av. & Canal, Chicago, Ill.  
 N. Y. Blue Print Paper Co., engineering & surveying instruments, 102 Reade, New York.  
 N. Y. Boat Oar Co., scoops, mast hoops, etc., 69 West, New York.  
 N. Y. Boston Bag Co., 56 Commercial Wharf, Boston, Mass.  
 N. Y. Brass Foundry Co., plumbing supplies mfrs., 104 Centre, New York.  
 N. Y. Brass & Iron Works, mchsts & fndrs., Spokane, Wash.  
 N. Y. Brass & Wire Wks. Co., bank & office railings, 177 Grand, New York.  
 N. Y. & Brooklyn Casket Co., 703 Bedford av., Bklyn., N. Y.  
 N. Y. Buff Co., compositions, 202 Centre, New York.  
 N. Y. Butchers' Dressed Meat Co., stearine & meat packers, 11th av. & 39th, New York.  
 N. Y. Button Works, 143 W. 19th, New York.  
 N. Y. Car Wheel Co., machsts. & fndrs., Buffalo, N. Y.  
 N. Y. Carbonate Co., 104th & Park av., New York.  
 N. Y. Carved Moulding Co., 3d av. & 139th, New York.  
 N. Y. Central Iron Works, steam heaters, Hagerstown, Md.  
 N. Y. Coil Co., 338 Pearl, New York.  
 N. Y. Consolidated Card Co., playing card mfrs., 4th & Webster avs., Long Island City, N. Y.  
 N. Y. Consolidated Slate Co., roofing slate, Poughkeepsie, N. Y.  
 N. Y. Continental Jewell Filtration Co., filter systems, 15 Broad, New York.  
 N. Y. Cornice Works, skylights, 230 E. 22d, New York.  
 N. Y. Cotton Batting Co., Lockport, N. Y.  
 N. Y. Couch Bed Co., hammock mfrs., 418 W. 25th, New York, & Meadow & Anable av., Long Island City, N. Y.  
 N. Y. Cut Stone Co., producers, workers & dealers, Walnut av. & 133d, New York.  
 N. Y. Die-White-Schroeder Co., 245 Center, New York.  
 N. Y. Dock Co., ft. Irving, Brooklyn, N. Y.  
 N. Y. Dry Dock & Repair Co., marine railways, Erie Basin, Brooklyn, N. Y.  
 N. Y. Elec. Controller Co., 35 Rose, New York.  
 N. Y. Elev. Co., 50 Grand, New York.  
 N. Y. Engine Co., 165 B'way, New York.  
 N. Y. Engng. Co., dredges, drills, etc., 2 Rector, New York.  
 N. Y. Feather Duster Co., 649 Broadway, New York.  
 N. Y. Flexible Wood Flooring Co., 112 W. 42d, New York.  
 N. Y. Fndry. Co., Pacific av., Jersey City, N. J.  
 N. Y. Gas Tubing Co., rubber goods, 95 Bank, New York.  
 N. Y. Gear Works, 57 Milton, Brooklyn, N. Y.  
 N. Y. Hagerstown Metal Stamping Co., Hagerstown, Md.  
 N. Y. High Grade Button Works, 166 Geary, San Francisco, Cal.  
 N. Y. Independent Meat Co., packers, 12th av. & 131st, New York.  
 N. Y. Insulated Wire Co., rubber goods, 114 Liberty, New York.  
 N. Y. Iron Roofing & Corrugating Co., 94 1st, Jersey City, N. J.  
 N. Y. & Kentucky Co., distillers, Rochester, N. Y.  
 N. Y. Knife Co., cutlery mfrs., 225 5th av., New York.  
 N. Y. Knitting Mills, sweaters, bathing suits, etc., 141 Wooster, New York.  
 N. Y. Ladder Co., 384 Hudson, New York.  
 N. Y. Lap Robe Co., 219 Greene, New York.  
 N. Y. Lead Wool Co., 93 Nassau, New York.  
 N. Y. Leather Belting Co., 465 Kent av., Brooklyn, N. Y.  
 N. Y. Leather Belting Co., strings & auto straps, 51 Beekman, New York.  
 N. Y. Lubricating Oil Co., 116 Broad, New York.  
 N. Y. Machinery Exchange, contractors' tools & supplies, 50 Church, New York.  
 N. Y. Mallet & Handle Works, mauls, chisels, etc., 743 E. 11th, New York.  
 N. Y. Marble & Granite Co., Gouverneur, N. Y.  
 N. Y. Mattress Co., 32 Green, Boston, Mass.  
 N. Y. Metal Ceiling Co., tile, signs, etc., 537 W. 24th, New York.  
 N. Y. Metal Edge Box Works, 212 Front, New York.  
 N. Y. Metallic Bedstead Co., 198 Pacific av., Jersey City, N. J.  
 N. Y. Mica & Mfg. Co., 38 Market, Auburn, N. Y.  
 N. Y. Mills Corp., cotton duck, New York Mills, N. Y.  
 N. Y. Motion Picture Corp., films, 1459 B'way, New York.  
 N. Y. Motor Works Co., Nutley, N. J.  
 N. Y. Multi-Color Cop'g Co., blue & black prints & papers, 25 Pearl, New York.  
 N. Y. Net & Twine Co., Moodus, Conn.  
 N. Y. New England Co., paper & pulp mills, Holyoke, Mass.  
 N. Y. & New England Cement & Lime Co., 30 Broad, New York.  
 N. Y. & N. J. Chandelier Co., 512 Paterson Plank rd., Jersey City, N. J.  
 N. Y. & N. J. Lubricant Co., grease guns & syringes, 165 B'way, New York.  
 N. Y. Nickel Plating & Mfg. Co., supply pipes, 327 E. 63d, New York.  
 N. Y. Nov. Co., mchsts. & fndrs., 423 Broome, New York.  
 N. Y. Oil Cabinet Co., 103 Walker, New York.  
 N. Y. Oilless Bearing Co., 126 Liberty, New York.  
 N. Y. & Penn. Co., envelope & express paper, 200 5th av, New York, & paper & pulp mills, Willsboro, N. Y.  
 N. Y. Phila. Coal & Coke Co., Produce Exchange, New York.  
 N. Y. Piano Hdwe. Co., 168 S. Blvd., New York.  
 N. Y. Piano Stool & Mfg. Co., East Stroudsburg, Pa.  
 N. Y. Portable Elevator Co., Jersey City, N. J.  
 N. Y. Pottery Co., flue linings & chimney tops, Fuller Bldg., New York.  
 N. Y. Pulp & Plaster Co., 1123 B'way, New York.  
 N. Y. Purchasing Co., mill & factory supplies, Syracuse, N. Y.  
 N. Y. Quebracho Extract Co., 80 Maiden la., New York.  
 N. Y. Quinine & Chem. Works, 114 William, New York.  
 N. Y. Radiator Co., Utica, N. Y.  
 N. Y. Revolving Portable Elevator Co., 357 Garfield av., Jersey City, N. J.  
 N. Y. Roll Wrapping Paper Co., twine holders, 84 Beekman, New York.  
 N. Y. Rosin Oil & Varnish Co., 90 West, New York.  
 N. Y. Rubber Co., 84 Reade, New York.  
 N. Y. Rug Co., auto rugs, 65 E. 59th, New York.  
 N. Y. Sand & Fac'g Co., 106 Grand av., Brooklyn, N. Y.  
 N. Y. Sewage Disposal Co., 37 E. 18th, New York.  
 N. Y. Shipbuilding Co., Camden, N. J.  
 N. Y. Silicate Book Slate Co., crayon mfrs., etc., 24 Vesey, New York.  
 N. Y. Slate Works, laundry tubs, sinks, trays, etc., 255 E. 138th, New York.  
 N. Y. Soap Works, 427 W. 13th, New York.  
 N. Y. Sporting Goods Co., 15 Warren, New York.  
 N. Y. Stamping Co., N. 11th & Berry, Brooklyn, N. Y.  
 N. Y. Standard Ash Can Mfg. Co., 436 E. 10th, New York.



- N. Y. Standard Watch Works, counters, pole, 403 Communipaw av., Jersey City, N. J.
- N. Y. State Sewer Pipe Co., Rochester, N. Y.
- N. Y. Steel & Copper Plate Co., 30 Morton, Brooklyn, N. Y.
- N. Y. Stencil Works, mach'y, 100 Nassau, New York.
- N. Y. Store Fixture Co., 5 E. 137th, New York.
- N. Y. Submarine Contracting Co., 130 Pearl, New York.
- N. Y. Switch & Crossing Co., machsts. & fndrs., Hoboken, N. J.
- N. Y. Tassel & Cord Co., 35 Howard, New York.
- N. Y. Trap Rock Co., crushed stone, 17 Battery pl., New York.
- N. Y. University Engng. School & Coll., University Heights, New York.
- N. Y. Veneer Seating Co., 171 Pacific av., Jersey City, N. J.
- N. Y. Washer Works Co., 89 Morton, New York.
- N. Y. Wheelbarrow Co., 180 West, New York.
- N. Y. Wire Cloth Co., Woolworth Bldg., New York.
- N. Y. Wire & Spring Co., Washington & Leroy, New York.
- N. Y. Wood Working Corp., fixtures, carved mouldings, etc., 502 E. 19th, New York.
- N. Y. Woven Label Mfg. Co., 1204 B'way, New York.
- N. Y. Yacht, Launch & Engine Co., Morris Heights, N. Y.
- Newala Lime Works, Newala, Ala.
- Newall, Jos., & Co., granite, Westerly, R. I.
- Newark Blue Stone Co., 120 Passaic, Newark, N. J.
- Newark Boxboard Co., Blanchard, Newark, N. J.
- Newark Brass Plate Engraving Co., 53 Lawrence, Newark, N. J.
- Newark Brush Co., 253 Mulberry, Newark, N. J.
- Newark Brush & Scraper Co., 266 Fabian pl., Newark, N. J.
- Newark Canning Co., Newark, Ark.
- Newark Cork Products Co., 245 N. J. R. R. av., Newark, N. J.
- Newark Cornice & Skylight Works, 9-15 17th av., Newark, N. J.
- Newark Cut Glass Co., 61 Arlington, Newark, N. J.
- Newark Door Co., 221 Sussex av., Newark, N. J.
- Newark Gas Engine & Mfg. Co., friction clutches, 479 Canal, New York, & 676 N. 6th, Newark, N. J.
- Newark Gear Cutting Machine Co., 69 Prospect, Newark, N. J.
- Newark Glass Co., 273 Market, Newark, N. J.
- Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
- Newark Hat Block & Mach. Co., 320 Ogden, Newark, N. J.
- Newark Jewel Co., Newark, N. J.
- Newark Knitting Wks., sweaters, etc., 587 S. 10th, Newark, N. J.
- Newark Leather Goods Wks., 28 Division pl., Newark, N. J.
- Newark Leather Machy. Co., 127 N. J. R. R. av., Newark, N. J.
- Newark Lime & Cement Mfg. Co., ft Bridge, Newark, N. J.
- Newark Mantel Co., 307 18th av., Newark, N. J.
- Newark Metal Co., scrap iron, Newark, N. J.
- Newark Metal Treating Co., case hardening, Newark, N. J.
- Newark Packing Co., meat, Newark, N. J.
- Newark Paraffine & Parchment Paper Co., 90 West, New York.
- Newark Paving Co., 133 1st, Newark, N. J.
- Newark Rivet Wks., 262 Lafayette, Newark, N. J.
- Newark Sand Box Co., locomotive sanders, Newark, Ohio.
- Newark Sand Co., ft Center, Newark, N. J.
- Newark Second Hand Machy. Co., 99 Chestnut, Newark, N. J.
- Newark Sheet Metal Co., Newark, N. J.
- Newark Soap Co., Newark, N. J.
- Newark Spring Mattress Co., 220 B'way, New York, & 80 Madison, Newark, N. J.
- Newark Steel & Iron Wks., 12 Mercer, Newark, N. J.
- Newark Tallow Co., soap, Newark, Ohio.
- Newark Technical School, engng. school & coll., 367 High, Newark, N. J.
- Newark Trunk Co., 11 W. 42d, New York.
- Newark Tube & Metal Wks., 560 Ferry, Newark, N. J.
- Newark Varnish Wks., 111 Delancey, Newark, N. J.
- Newark Vegetable Ivory Button Co., 71 Austin, Newark, N. J.
- Newark Weather Strip & Screen Co., 7 Nevada, Newark, N. J.
- Newark Wire Cloth Co., 222-230 Verone av., Newark, N. J.
- See adv index at end of book*
- Newaygo Portland Cement Co., Grand Rapids, Mich.
- Newbern Iron Works & Supply Co., Newbern, N. C.
- Newberry, C. A., whol. hdwe., Alliance, Neb.
- Newberry Cotton Mills, sheetings, Newberry, S. C.
- Newberry & Foster, architects, Miners' Bk. Bldg., Wilkes-Barre, Pa.
- Newberry, Isaac, turpentine, Arlington, Ga.
- Newberry Mach. & Motor Co., Newberry, Fla.
- Newberry, Robt. Thorne, architect, 108 S. La Salle, Chicago, Ill.
- Newbold, R. S., & Son Co., machsts. & fndrs., Morristown, Pa.
- Newborn, W. H., & Co., bottle mfrs., Royersford, Pa.
- Newburg, Carl A., contractor, Ridgway, Pa.
- Newburgh Brick & Clay Co., engineers bldg., Cleveland, Ohio.
- Newburgh Cornice Wks., galv. iron store fronts, Newburgh, N. Y.
- Newburgh Lumber Co., Newburgh, N. Y.
- Newburgh Planing Mill Co., Newburgh, N. Y.
- Newburgh Silk Co., umbrella cloth, Newburgh, N. Y.
- Newbury, J. G., Iron Wks., machsts. & fndrs., Cossackie, N. Y.
- Newbury, J. H., machsts. & fndrs., Goshen, N. Y.
- Newbury Mfg. Co., machsts. & fndrs., Monroe, N. Y.
- Newburyport Counter Co., Newburyport, Mass.
- Newby, C. H., brick, Lynnvill, Ia.
- Newby & Evans Co., pianos, So. blvd. near E. 136th, New York.
- Newcastle Portland Cement Co., fire brick, New Castle, Pa.
- Newcomb, E. A. P., architect, Honolulu, Hawaii.
- Newcomb, F. H., employees' uniforms, 136 Flatbush av., Brooklyn, N. Y.
- Newcomb, Geo. W., lbr. mfrs., Bridgton, Me.
- Newcomb Loom Co., Davenport, Ia.
- Newcombe, T. J., granite, Barre, Vt.
- Newcomber, J. M., & Co., masons' & bldrs.' matls., Waynesboro, Pa.
- Newcomer Coke Co., Uniontown, Pa.
- Newcomer, John D., architect, Carlestown, S. C.
- Newell & Brother, soap, Army & San Bruno, San Fran., Cal.
- Newell Bros., contractors, 1623 1st av, N., Birmingham, Ala.
- Newell Coal & Lumber Co., masons' & bldrs.' matls., Pawtucket, R. I.
- Newell, Frank V., architect, 14 E. Jackson blvd., Chicago, Ill.
- Newell, Fred E., machsts., Central Falls, R. I.
- Newell, H., & Co., masons' & bldrs.' matls., Shelburne Falls, Mass.
- Newell & Knowlton, machsts. & fndrs., Peabody, Mass.
- Newell Mfg. Co., machsts. & fndrs., Ogdensburg, N. Y.
- Newell Mfg. Co., sugar cane shredders, mills, etc., 149 B'way, New York.
- Newell Mill & Lumber Co., Seattle, Wash.
- Newell-Putnam Mfg. Co., cloth covered buttons, Springfield, Mass.
- Newell, T. D., contractor, Richmond, Va.
- Newell, Walter, architect, Continental Bk. Bldg., Fort Worth, Tex.
- Newell, Wm. B., contractor, Richmond, Va.
- Newgard, Hy., & Co., boxes, plugs, switchboards, etc., 947 Washington blvd., Chicago, Ill.
- Newhall & Blevins, architects, 9 Park, Boston, Mass.
- Newhall, Geo. M., paper & pulp mill architect, Com'l Trust Bldg., Philadelphia, Pa.
- Newhall, Geo. M., Engng. Co., 149 B'way, New York.
- Newhof, L., fertilizer mfrs., Albany, N. Y.
- Newhouse & Co., advtg. nov., 127 N. Dearborn, Chicago, Ill.
- Newhouse, Henry L., architect, 4630 Prairie av, Chicago, Ill.
- Newichawanick Co., carriage robes, woolen blankets, South Berwick, Me.
- Newington Naval Stores Co., turpentine, Newington, Ga.
- Newkirk, Clement R., architect, Cutler Bldg., Rochester, N. Y.
- Newkirk, Jno. B., & Co., scrap iron & steel, Harrison Bldg., Philadelphia, Pa.
- Newland Hat Co., umbrella mfrs., 162 Jefferson av, Detroit, Mich.
- Newlands Bros., machsts. & fndrs., 28th & A. V. Ry., Pittsburgh, Pa.
- Newlin-Knight Hardware Co., 411 Commerce, Philadelphia, Pa.
- Newlon Foundry & Machine Co., Grafton, W. Va.
- Newman, A., machst. & fndr., Amber, N. Y.
- Newman, A. J., stone producer, Shreveport, La.
- Newman, Andrew, Co., wire drawing plates & dies, 26 Cortland, New York.
- Newman Bros. Co., organs, pianos, 806 Dix, Chicago, Ill.
- Newman, C., Wire Co., 25 Church, New York.
- Newman & Carey Sub. Constr. Co., 1228 Nostrand av, Brooklyn, N. Y.
- Newman Clock Co., 565 Wash. blvd., Chicago, Ill.
- Newman & Co., cornices, Ogden, Utah.
- Newman, E. B., Charcoal Co., 548 W. 25th, New York.
- Newman, E. W., flour mills, Ashland, Va.
- Newman, Edgar M., architect, 30 N. La Salle, Chicago, Ill.
- Newman, H. H., architect, Little Rock, Ark.
- Newman & Harris, architects, 1123 B'way, New York.
- Newman, J. J., Lbr. Co., Scranton, Pa.
- Newman Mach. Co., wood planing machs., Greensboro, N. C.
- Newman Mfg. Co., architectural & ornamental brass work, 717 Sycamore, Cincinnati, Ohio, & 68 W. Washington, Chicago, Ill. *See adv index at end of book.*
- Newman, W. A., architect, 7th & Mission, San Francisco, Cal.
- Newman, W. H. H., & Co., tin plate, metals, etc., 70 Main, Buffalo, N. Y.
- Newman, W. J., Co., contractors, 19 N. Curtis, Chicago, Ill.
- Newmann, R. F., architect, 1123 E. Houston, San Antonio, Tex.
- Newman's Akron Cement Co., 141 Erie, Buffalo, N. Y.
- Newmarket Mfg. Co., cotton sheetings, Newmarket, N. H.
- Newport Chemical Works, Milwaukee, Wis.
- Newport Constr. Co., Herkimer, N. Y.
- Newport Culvert Co., Newport, Ky.
- Newport Engng. Wks., Newport, R. I.
- Newport Fdry. Co., Newport, Ky.
- Newport Hydro Carbon Co., chemicals, Milwaukee, Wis.
- Newport Lumber Co., Newport, Ark.
- Newport Mill Co., flour, Newport, Tenn.
- Newport Mining Co., iron ores, Milwaukee, Wis.
- Newport News Shipbuilding & Dry Dock Co., steel cast'g, 233 B'way, New York.
- Newport Pressed Brick & Stone Co., Newport, Ky.
- Newport Rolling Mill Co., plain ridge roll, Newport, Ky.
- Newport Sand Bank Co., Newport, Ky.
- Newport Turpentine & Rosin Co., Milwaukee, Wis.
- Newsom, Sidney B., & Noble, architect, Nevada Bk. Bldg., San Francisco, Cal.
- Newsom, John Henry, architect, Williamson Bldg., Cleveland, O.
- Newson, J. Cather, architect, 1422 B'way, Oakland, Cal.
- Newson, Wm. A., contractor, Sharon Bldg., San Francisco, Cal.
- Newth, N. J., Hardware Co., Ilion, N. Y.
- Newton, A. C., brick, Crescent, N. Y.
- Newton, A. E., & Co., oils & greases, 164 Prospect av, B'klyn, N. Y.



- Newton, Albro J., Co., sash, door & blind mfrs., 528 Union, Brooklyn, N. Y.
- Newton Arms Co., rifles, etc., Mutual Life Bldg., Buffalo, N. Y.
- Newton Automatic Shading Pen Co., lettering, Pontiac, Mich.
- Newton, B. S., architect, 1125 Pleasant, Worcester, Mass.
- Newton Beef Co., meat packers, 1075 14th av, Standish, Detroit, Mich.
- Newton, C., stage lights & stereopticons, 305 W. 15th, New York
- Newton Canning Co., Newton, Miss.
- Newton Chemical Co., wood alcohol, Olean, N. Y.
- Newton & Co., woolen flannels, Homer, N. Y.
- Newton County Oil Co., Covington, Ga.
- Newton, Edwin A., machsts. & fndrs., 310 N. 4th, Phila., Pa.
- Newton Engineering Co., 185 Mason, Milwaukee, Wis.
- Newton, F. C., sash, door & blind, 57 Bristol, Boston, Mass.
- Newton Falls Mfg. Co., carpenters, etc., mallets, Newton Falls, Ohio.
- Newton Falls Paper Co., Watertown, N. Y.
- Newton, Geo. F., architect, 6 Beacon, Boston, Mass.
- Newton & Haggerty Ladder Co., Ann Arbor, Mich.
- Newton, James, print'g presses & mach'y, 116 Nassau, New York
- Newton Line Co., fish line mfrs., Homer, N. Y.
- Newton Louis Sheldon, architect, Hartford, Vt.
- Newton Lumber Co., Newton, Kans.
- Newton Lumber & Investment Co., Pueblo, Colo.
- Newton Lumber & Mfg. Co., Colo. Springs, Colo.
- Newton Machine Tool Works, 23rd & Vine, Philadelphia, Pa.
- Newton Mfg. Co., packing mfrs., Worcester, Mass.
- Newton Milling & Elevator Co., Newton, Kans.
- Newton Oil Mill, fertilizer mfrs., Newton, Miss.
- Newton Paper Co., Holyoke, Mass.
- Newton Roller Mills, Newton, N. C.
- Newton, Theo., & Co., contractors, Hartford, Conn.
- Newton, W. A., & Co., contractors, Springfield, Mass.
- Newton, W. H., & Son, carriage bodies, forgings, trunks, etc., Cortland, N. Y.
- Newton, Weller & Wagner Co., whol. hdwe., San Antonio, Tex.
- Newton's Cal. Fireworks Co., 249 Front, San Francisco, Cal.
- Newtonsville Canning Co., Newtonsville, Ohio.
- Ney, Albert, contractor, Dubuque, Ia.
- Ney, J. M., Co., gold & silver alloys & solder, Hartford, Conn.
- Ney Mfg. Co., agricultural implements, Canton, Ohio.
- Ney, V. L., Co., agricultural implements, Canton, Ohio.
- Niagara Alkali Co., nitric acid, chlorine, potash, etc., Niagara Falls, N. Y.
- Niagara Auto Radiator Co., auto metal bodies, 151 W. 68th, New York.
- Niagara Box Co., 820 S. Division, Buffalo, N. Y.
- Niagara Brass Mfg. Co., 165 Adams, Buffalo, N. Y.
- Niagara Clip Co., paper clips, 155 Waverly pl., New York.
- Niagara Cotton Batting Co., Lockport, N. Y.
- Niagara Cut Glass Co., Buffalo, N. Y.
- Niagara Electro Chemical Co., Niagara Falls, N. Y.
- Niagara Emery Mills, emery grains, Lockport, N. Y.
- Niagara Envelope Manufactory, Buffalo, N. Y.
- Niagara Falls Builders' Supply Co., Niagara Falls, N. Y.
- Niagara Falls Furnace Co., Niagara Falls, N. Y.
- Niagara Falls Hair Cloth Wks., Niagara Falls, N. Y.
- Niagara Falls Hardware & Supply Co., Niagara Falls, N. Y.
- Niagara Falls Metal Stamping Wks., dog tags, chains, dies, signs, etc., Niagara Falls, N. Y.
- Niagara Falls Milling Co., flour, Buffalo, N. Y.
- Niagara Falls (Ont.) Gaskets & Packing Co., packing mfrs., Church & Fulton, New York. *See adv index at end of book.*
- Niagara Fire Extinguisher Co., 209 S. La Salle, Chicago, Ill.
- Niagara Forged Steel Co., Buffalo, N. Y.
- Niagara Fdry. Co., Niagara Falls, N. Y.
- Niagara Gypsum Co., wall plaster mfrs., Buffalo, N. Y.
- Niagara Hydraulic Engine Co., Chester, Pa.
- Niagara Litho Co., signs, 1050 Niagara, Buffalo, N. Y.
- Niagara Machine & Tool Works, Buffalo, N. Y.
- See adv index at end of book.*
- Niagara Mfg. Co., battery holders, Holyoke, Mass.
- Niagara Metal Weather Strip Co., 33 W. Tupper, Buffalo, N. Y.
- Niagara Motor Boat Co., North Tonawanda, N. Y.
- Niagara Motors Corp., machsts., Buffalo, N. Y.
- Niagara Musical Instrument Co., North Tonawanda, N. Y.
- Niagara Paper Mills, Lockport, N. Y.
- Niagara Radiator & Boiler Co., machsts. & fndrs., North Tonawanda, N. Y.
- Niagara Refrigerator Works, 22 Randell, Buffalo, N. Y.
- Niagara River Mfg. Co., paper & pulp mills, Niagara Falls, N. Y.
- Niagara Screw Co., Buffalo, N. Y.
- Niagara Searchlight Co., projectors, Niagara Falls, N. Y.
- Niagara Silk Mills, knitted gloves, North Tonawanda, N. Y.
- Niagara Smelting Corp., caustic soda, Niagara Falls, N. Y.
- Niagara Sprayer Co., machsts., Middleport, N. Y.
- Niagara Textile Co., huck towels, Lockport, N. Y.
- Niagara Thread Co., Ontario & Janney, Philadelphia, Pa.
- Nial Bros. Constr. Co., Troy, N. Y.
- Niantic Menhaden Oil & Guano Co., fertilizer mfrs., South Lyme, Conn.
- Niblick, F. C., masons' & bldrs.' matls., Concord, N. C.
- Nice Ball Bearing Co., Land Title Bldg., Philadelphia, Pa.
- Nice, Eugene E., mfr. of paints, varnishes, stains & enamels, 268 S. 2nd, Phila., Pa. *See adv index at end of book.*
- Nicetown Plate Washer Co., iron discs, 1324 Juniata, Nicetown, Philadelphia, Pa.
- Nichol, Chisholm, Lbr. Co., Frazee, Minn.
- Nichol, Thos. J., & Co., steam fitters' supplies, Pearl & Ludlow, Cincinnati, Ohio.
- Nicholas, Frank J., contractor, Sullivan, Ind.
- Nicholas, L. V., Oil Co., Omaha, Neb.
- Nicholas & Stephenson, machsts. & fndrs., 208 Summer, Boston, Mass.
- Nicholls Mfg. Co., mchsts. & fndrs.—fry squares, Ottumwa, Iowa.
- Nicholls, Ralph, metallurgical engrs., Gilmore City, Iowa.
- Nicholls, Wm. H. Co., molding machines, 2 College pl, Brooklyn, N. Y.
- Nicholls, Wm. R., contractor chsn., Boston, Mass.
- Nichols, A. W., wood handles, Albion, Mich.
- Nichols, Arthur R., landscape architect, Palace Bldg., Minneapolis, Minn.
- Nichols Bros., knives, cleavers & steel mfrs., Greenfield, Mass.
- Nichols, C. M., cleaners—gun, Beaumont, Tex.
- Nichols Contracting Co., Atlanta, Ga.
- Nichols Copper Co., refiners & smelters, 25 Broad, New York.
- Nichols & Cox Lbr. Co., Grand Rapids, Mich.
- Nichols, D. M., Iron Wks., mchsts. & fndrs., 2 Gouvernor pl, New York.
- Nichols, Dean & Gregg, whol. hdwe., 8th & Sibley, St. Paul, Minn.
- Nichols, Dennis, architect, Vancouver, Wash.
- Nichols, E. M., htg. contrs., 212 W. Washington sq, Philadelphia, Pa.
- Nichols, Edward, architect, 70 Kilby, Boston, Mass.
- Nichols Gas Fixture Mfg. Co., 1100 Myrtle av, Bklyn, N. Y.
- Nichols, Geo., architect, 34 Lynwood pl, New Haven, Conn.
- Nichols, Geo. P., & Bro., turntable tractors & transfer tables, Old Colony Bldg., Chicago, Ill.
- Nichols, H. D., contractor, 1381 Stevenson, San Francisco, Cal.
- Nichols, J. B., & Son, fertilizer mfrs., 9 E. Camden, Baltimore, Md.
- Nichols, J. M., brick, common, Dyersburg, Tenn.
- Nichols, J. M., & Co., contractors, Tacoma, Wash.
- Nichols, J. S., brick, Columbus, Neb.
- Nichols, John Lincoln, architect, Bloomington, Ind.
- Nichols & Lindeman, contractors, Norfolk, Va.
- Nichols, Martin S., contractor, Atlantic City, N. J.
- Nichols, N. J., Co., leather boards, South Coventry, Conn.
- Nichols Read Co., masons' & bldrs.' matls., Bath, Me.
- Nichols & Shepard Co., agricultural implements, Battle Creek, Mich.
- Nichols & Stepard Co., machsts. & fndrs., Battle Creek, Mich.
- Nichols & Stone Co., combination step ladder chairs, Gardner, Mass.
- Nichols, W. H., architect, 120 Tremont, Boston, Mass.
- Nichols, W. H., watchmakers' machy., typewriter parts, etc., Waltham, Mass.
- Nichols, Wm. C., architect, Oxford Bldg., Washington, D. C.
- Nichols Wire Co., 21st. & Baltimore, Kansas City, Mo.
- Nichols & Wright Motor Co., Buffalo, N. Y.
- Nicholson, Aaron, machsts., Albany, N. Y.
- Nicholson Brick Co., Steubenville, Ohio.
- Nicholson Bros., brick, Dutchess Junction, N. Y.
- Nicholson & Co., crane chains, Rankin, Pa.
- Nicholson File Co., file & rasp mfrs., 23 Acorn, Providence, R. I.
- See adv index at end of book.*
- Nicholson & Galloway, cornices & skylights, 646 Hudson, New York.
- Nicholson, J. B., architect, Wright & Callender Bldg., Los Angeles, Cal.
- Nicholson, John G., sash, door & blind, New Bedford, Mass.
- Nicholson, Jos., & Son, contractors, 101 Tremont, Boston, Mass.
- Nicholson Ship Log & Realty Co., 409 Superior, N. W., Cleveland, Ohio.
- Nicholson, W. H., & Co., compression couplings, exp. mandrels, steam traps, etc., Wilkes-Barre, Pa.
- Nicholson & Zimmerman, contractors, 133 W. Washington, Chicago, Ill.
- Nichthauser & Levy, tinware mfrs., 252 Java, Bklyn, N. Y.
- Nickel, Adolph, Mfg. Co., buffing wheels, 311 Main, Cincinnati, Ohio.
- Nickel, Chas., mach. & fdr., Hebron, Neb.
- Nickel Hardware & Supply Co., Wausau, Wis.
- Nickel, J. H., contractor, N. Y. Life Bldg., St. Paul, Minn.
- Nickel Plate Stove Polish Co., 362 E. Illinois, Chicago, Ill.
- Nickel, R. A., architect, 523½ S. Main, Butte, Mont.
- Nickels, Frank V., architect, Rl. Est. Tr. Bldg., Philadelphia, Pa.
- Nickells, C. C., flour mills, Nickells Mills, W. Va.
- Nickelsburg Bros. Co., harness leather, Meadow, Newark, N. J.
- Nickerson, Levi, Co., oiled clothing, Gloucester, Mass.
- Nickerson Mfg. Co., porch & interior columns, Knoxville, Tenn.
- Nickerson, Wallace F., granite producers, Lanesville, Mass.
- Nickey, F. P., Hardware Co., cornices & skylights, Santa Anna, Cal.
- Nicklas, Wm. H., architect, 1900 Euclid av, Cleveland, O.
- Nickless, W. H., lbr. mfrs., Bay City, Mich.
- Nickson & Duggan, contractors, Bailey Bldg., Philadelphia, Pa.
- Nicol, Chas. W., architect, Lafayette, Ind.
- Nicol & Co., hdwe. mfrs. specialties, 218 N. Jefferson, Chicago, Ill.
- Nicol, J. M. & J. S., color mfrs. & importrs, Hawthorne, N. J.



- Nicol, Langford & Johnston, contractors, Louisville, Ky.  
 Nicola Building Co., Lambert & Penn av, Pittsburgh, Pa.  
 Nicola Lumber Co., Farmers' Bank Bldg., Pittsburgh, Pa.  
 Nicola, Stone & Myers Co., lumber, Sweetland Bldg., Cleveland, O.  
 Nicolai-Neppach Co., sashes, doors & blinds, Portland, Ore.  
 Nicollet Sash & Door Co., 2900 Nicollet av, Minneapolis, Minn.  
 Nicolette Lumber Co., Nicolette, W. Va.  
 Nicols, Dean & Gregg, wholesale hardware, 8th & Sibley, St. Paul, Minn.  
 Nicoll's Granite Wks., S. Quincy, Quincy, Mass.  
 Nicotine Mfg. Co., insecticides, 117 N. Main, St. Louis, Mo.  
 Niebling, F. W., Co., ice & refrigerating machs., Norwood, Highland av, Cincinnati, Ohio.  
 Niederer, J., Co., bank & office railings, Los Angeles, Cal.  
 Niederhaus, Fred., fertilizer, Staser, Ind.  
 Niederhauser, C. P., architect, St. James Bldg., Jacksonville, Fla.  
 Niederhut Carriage Co., Denver, Colo.  
 Niedermeier, Henry, contractor, Youngstown, O.  
 Niedner's, Chas., Sons Co., hose, Malden, Mass.  
 Niehaus, E. F., & Co., lumber, 564 Brannan, San Francisco, Cal.  
 Niehaus, Jos., Co., chamois importers, 341 W. 4th, Cincinnati, O.  
 Niehus, Gustave A., architect, Callahan Blk., Dayton, Ohio.  
 Nielsen, C. A., Coal Co., masons' & bldrs.' matls., Sandusky, O.  
 Nielsen, Carl, architect, 154 W. Randolph, Chicago, Ill.  
 Nielsen, N. P., architect, 810 W. 7th, Topeka, Kans.  
 Nielsen, S. N., & Co., contractors, 3059 Augusta, Chicago, Ill.  
 Nielson, Anton E., machsts. & fndrs., 78 Barclay, New York.  
 Nieman & Hieronymus, rotary hoes, Mt. Olive, Ill.  
 Niemann Bros., poultry coops, Mt. Olive, Ill.  
 Niemes, Hy., heating contr., 4112 Hamilton av, Cincinnati, Ohio.  
 Niemeyer, W. H., & Co., patterns, Bush & Severn, Baltimore, Md.  
 Niemi, Arthur R., contractor, 847 Bradley pl, Chicago, Ill.  
 Niessen Bros. & Co., cabinet hdwe. mfrs., 3153 Army, San Francisco, Cal.  
 Niewenhous, S., Inc., contractor, 412 8th av, New York.  
 Niggel's, J., Son, masons' & bldrs.' matls., Butler, Pa.  
 Nigh Lumber Co., Ironton, Ohio.  
 Nigh, S. H., & Bro., lumber, Catlettsburg, Ky.  
 Night Commander Lighting Co., gas machines (acetylene), Jackson, Mich.  
 Nightingale & Childs Co., mill & facty. supplies, 205 Congress, Boston, Mass.  
 Nightingale Co., garbage disposal plants, etc., 103 Park av, New York.  
 Nightingale, J. E., machsts., Danvers, Mass.  
 Nightingale-Morse Mills, cotton sheetings, Putnam, Conn.  
 Nikolas, G. J., & Co., lacquer & varnish mfrs., 1227 W. Van Buren, Chicago, Ill.  
 Niksah Snow Guard Co., roofing cements, 5 Mt. Pleasant, Worcester, Mass.  
 Nikulas, Herman, soap, Republic, Mich.  
 Niland, J. J., Co., cut glassware, Meriden, Conn.  
 Niles-Bement-Pond Co., punching machinery manfrs., 111 Broadway, New York.  
 Niles Board & Paper Co., Niles, Mich.  
 Niles Car & Mfg. Co., Niles, Ohio.  
 Niles Corrugating Co., iron mfrs., Niles, Ohio.  
 Niles Fire Brick Co., Niles, Ohio.  
 Niles Forge & Mfg. Co., rolls—bending & straightening, etc.  
 Niles Iron & Steel Roofing Co., Niles, Ohio.  
 Niles Mfg. Co., hdwe. mfrs., 216 S. Jefferson, Chicago, Ill.  
 Niles Mine & Mill Supply Co., cars, scrapers, wagons, etc., Cleveland, Ohio.  
 Niles Mine & Mill Supply Co., mchsts. & fndrs., Niles, Ohio.  
 Niles Mine & Supply Co., incline drums, wheels, etc., Citizens Bldg., Cleveland, Ohio.  
 Niles & Scott Co., machsts., La Porte, Ind.  
 Niles Tool Works Co., Hamilton, Ohio.  
 Nill, Thos. A., cornices & skylights, Monroeville, Ind.  
 Niloak Pottery, Benton, Ark.  
 Nilson, A. H., Machine Co., corset, wire forming & stationary machinery, etc., Bridgeport, Conn.  
 Nilson Bros., lgtg. contrs., 3222 N. Halsted, Chicago, Ill.  
 Nilson Farm Machine Co., 426 Wash. Av., N., Minneapolis, Minn.  
 Nilson-Miller Co., machsts., Hoboken, N. J.  
 Nilson, Olaf, contractor, 2014 4th, E., Salt Lake City, Utah.  
 Nilson & Smith Co., contractors, Great Falls, Mont.  
 Nimmo Fence & Wire Wks. Co., Dana av & C. H. & N. R. R., Evan, Cincinnati, Ohio.  
 Nimmo, Geo., contractor, 634 Clay, San Francisco, Cal.  
 Nimmons, Geo. C., architect, 122 S. Michigan av, Chicago, Ill.  
 Nimmons & Nimmons, masons' & bldrs.' matls., Plymouth, O.  
 Nimmons, W. P., fertilizer mfrs., Seneca, S. C.  
 Nims Mfg. Co., cords, Mt. Holly, N. C.  
 Nims, Whitney, & Co., plate & window glass. & sash, door & blinds mfrs., Keene, N. H.  
 Nineteen Hundred Washer Co., clothes washing machs., Binghamton, N. Y.  
 Ninety-Six Cotton Mill, cotton sheetings, Ninety-Six, S. C.  
 Nippell, Max, architect, Fort Dodge, Ia.  
 Nippon Lumber Co., Alpine, Wash.  
 Nirdinger, Max, architect, Fidelity Bldg., Pittsburgh, Pa.  
 Nisbet, Brown & Dunwody, architects, Macon, Ga.  
 Nisen, Michael, & Sons, common brick, Union Grove, Wis.  
 Nissen, Geo. E., & Co., barrows, Winston-Salem, N. C.  
 Niswander, G. W., & Co., masons' & bldrs.' matls.—who. hdwe., Parkersburg, W. Va.  
 Nitchie, John E., architect, 61 Park row, New York.  
 Nitrate Agencies Co., potash, kainit, etc., 102 Pearl, New York.  
 Nitro Powder Co., Kingston, New York.  
 Nittinger, Aug., Sr., butchers' knives, 826 N. 4th, Philadelphia, Pa.  
 Nittinger, S., pianos, 1204 N. 5th, Philadelphia, Pa.  
 Nitz & Darkow, machinists & founders, Akron, O.  
 Niver Iron Works Co., Muscatine, Ia.  
 Nivision-Weiskopf Co., corr. paper, glass bottles, etc., 318 Elm, Cincinnati, Ohio.  
 Nixa Canning Co., Nixa, Mo.  
 Nixdorf-Krein Mfg. Co., hdwe. mfrs., 900 Howard, St. Louis, Mo.  
 Nixon & Costello Co., corr. bottle wrappers, Dayton, Ohio.  
 Nixon Mfg. Co., cotton sheetings, Augusta, Ga.  
 Nixon, Martin, & Wm. H., Paper Co., 1011 Chestnut, Phila., Pa.  
 Nixon Mining Drill Co., Chattanooga, Tenn.  
 Nixon-Smith Hardware Co., Rome, Ga.  
 Nlackburn, J. T. D., masons' & bldrs.' matls., Albany, N. Y.  
 No-Dust Drying Machine Co., metal drying and polishing machines, & mechanical dust collectors, mfrs., 157 Dorrance, Providence, R. I.  
 Nobbe, Fred G., architect, 142 Market, Newark, N. J.  
 Nobbe, Kaphan, Co., bags & suit cases, 301 Market, Newark, N. J.  
 Nobbitt Bros. & Co., who. hdwe., 222 S. 2nd, Philadelphia, Pa.  
 Nobel, A., canned goods, Preston, Md.  
 Nobin Tooth Brush Co., 684 B'way, New York.  
 Noble Brick Co., Glenwood, Ohio.  
 Noble, Chas. H., corn brooms, Thompsonville, Conn.  
 Noble, Chas. W., steel struct. work, La Crosse, Wis.  
 Noble, Clinton, architect, 67 Milk, Boston, Mass.  
 Noble & Cooley Co., nov. toys & games, Granville, Mass.  
 Noble County Canning Co., Lisbon, Ind.  
 Noble, E. L., lumber, Mesopotamia, Ohio.  
 Noble, E. M., & Co., cornices, 108 S. Desplaines, Chicago, Ill.  
 Noble Electric Steel Co., 995 Market, San Francisco, Cal.  
 Noble, F. H., & Co., advertising novelties, 555 W. 59th, Chicago, Ill.  
 Noble, H., Co., plastic slate roofers, 623 S. Caroline, Baltimore, Md.  
 Noble, H. H., masons' & bldrs.' matls., Gouverneur, N. Y.  
 Noble, Hy. A., Co., patterns & models, sewage disposal outfits, 203 Dock, Philadelphia, Pa.  
 Noble & Hunt, machsts., 359 Mulberry, Newark, N. J.  
 Noble Machine Co., Ft. Wayne, Ind.  
 Noble, R. E., & Co., inspecting engrs., 785 Market, San Francisco, Cal.  
 Noble, R. F., & Co., canned goods, Cannon, Del.  
 Noble, Sidney A., contractor, Rockville, Ind.  
 Noble & Westerbrook Mfg. Co., marking, grinding & polishing machine mfrs., 19 Asylum, Hartford, Conn.  
*See adv. index at end of book.*  
 Noble, Wm. K., cooperage stock, Ft. Wayne, Ind.  
 Noble & Wood Mach. Co., mchsts. & fndrs., Hoosick Falls, N. Y.  
 Nobles, R. E., & Son, lumber, Pensacola, Fla.  
 Noblit Bros. & Co., wholesale hardware, 222 S. 2d, Phila., Pa.  
 Nobs, Chas., & Son, screw mach. products, 156 Astor, Newark, N. J.  
 Noceti, Louis, contractor, Winthrop, Mass.  
 Nock, E. Withereda, architect, 6012 Market, Philadelphia, Pa.  
 Nock, F. S., naval architect & machst., East Greenwich, R. I.  
 Nock & Garside Elevator Co., 1844 Wagee, Denver, Colo.  
 Nock, Geo. W., Co., hdwe. mfrs., 126 N. 4th, Philadelphia, Pa.  
 Nock, W. S., lumber, Hallwood, Va.  
 Noe, C., ale & beer pumps, 492 E. 167th, New York.  
 Noe, G. D., Mfg. Co., harness, saddles, Minneapolis, Minn.  
 Noe, Nicholas, contractor, Lombard Bldg., Indianapolis, Ind.  
 Noe-Wadlow Co., archl. iron, 1026 Ridge av, Philadelphia, Pa.  
 Noecker & Ake Shipbuilding Co., Camden, N. J.  
 Noel, R. E., stone producer, Hinton, W. Va.  
 Noell, J. A., canned goods, Bedford, Va.  
 Noera Mfg. Co., hdwe. mfrs., oilers, pumps, etc., Waterbury, Conn.  
 Noesting Pin Ticket Co., Mount Vernon, N. Y.  
 Nofftz, R. T., contractor, Champaign, Ill.  
 No-Filler Fertz. Co., Orangeburg, S. C.  
 Nofsinger, M. P., canned goods, Fincastle, Va.  
 Noirtas Sales Co., novelty mfrs., 151 High, Waltham, Mass.  
 Noiseless Typewriter Co., Middletown, Conn.  
 Nolan Bros., contractors, Chester & Reading, Pa., & Johnstown, N. Y.  
 Nolan, E. A., architect, Miami, Fla.  
 Nolan, Jas. H., Sons Co., stone producers, Bloomington, Ill.  
 Nolan, John F., contractor, Hartford, Conn.  
 Nolan, John F., architect, 47 W. 236th, New York.  
 Nolan, John H., Constr. Co., 1413 G. N. W., Washington, D. C.  
 Nolan & Johnson, contractors, Crawfordsville, Ind.  
 Nolan, Thomas, architect, University of Penn., Phila., Pa.  
 Nolan, Thos. J., architect, Courier-Journal Bldg., Louisville, Ky.  
 Nolan & Torre, architects, Hennen Bldg., New Orleans, La.  
 Nolan, Wm., Co., machinists, Lockport, N. Y.  
 Noland & Baskervill, architects, Travelers Bldg., Richmond, Va.  
 Noland, L. C., cornices, Boone, Ia.  
 Nold, C. H., Lumber Co., St. Joseph, Mo.  
 No Leak Paper Dish Co., Wheeling, W. Va.  
 Nolen, John, landscape architect, Cambridge, Mass.



- Nolin Milling Co., flour, Nolin, Ky.  
 Noll Bros., agri. machy. & hdwe., 849 Allis, Milwaukee, Wis.  
 Noll Bros. & Smith, bowls, lawn swings, Bausman, Pa.  
 Noll Constr. Co., Chattanooga, Tenn.  
 Noll, E. P., & Co., maps, 21 N. 7th, Philadelphia, Pa.  
 Noll, Geo. H., clothes line fasteners, 27 Crescent, Brooklyn, N. Y.  
 Noll, J. F., & Co., fertilizer mfrs., 115 Mulberry, Newark, N. J.  
 Nollau & Wolff Mfg. Co., sash, door & blind mfrs., 1711 Fullerton av, Chicago, Ill.  
 Nolte Brass Co., founders, Springfield, Ohio.  
 Nolte Brass Co., valve mfrs. for steam, gas & water, Springfield, Mass.  
 Nolte, Edw. F. & Fred R., architects, Fullerton Bldg., St. Louis, Mo.  
 Nolte & Nauman, architects, Fullerton Bldg., St. Louis, Mo.  
 Noltz, Hy., Jr., carriages, Lancaster, Pa.  
 No-Mar Mfg. Co., cloth mops, Cleveland, Ohio.  
 Nomini Packing & Mfg. Co., canned goods, Montrose, Va.  
 Nominny Grove Canning Co., Nominny Grove, Va.  
 Non-Smut Carbon Mfg. Co., Rochester, N. Y.  
 Nona Mills Co., Ltd., lumber, Leesville, La.  
 Nonantum Coal Co., masons' & bldrs.' matls., Newtonville, Mass.  
 Nonotuck Silk Co., Florence, Mass.  
 Nonpareil Horn Mfg. Co., 73 Wooster, New York.  
 Nonpareil Mfg. Co., auto. truck trailers, Cochran, Pa.  
 Nonpareil Skylight Co., skylights puttyless, 2611 Penna. av. N. W., Washington, D. C.  
 Noon Bag Co., tents, Portland, Ore.  
 Noon, E., & Son, bathing suit mfrs., 4019 Gtn. av, Phila., Pa.  
 Noonan, A. S., Tool & Mach. Wks., Rome, N. Y.  
 Noonan, Fred'k, architect, 752 S. B'way, Los Angeles, Cal.  
 Noone's, Jos., Sons Co., blankets, printers' & lithographers', Peterboro, N. H.  
 Nooter, Jno., Boiler Wks. Co., 1400 S. 2d, St. Louis, Mo.  
 Nopack Brass Mfg. Co., compression & basin cocks, Du Bois, Pa.  
 Norbeck & Nicholson Co., machsts. & fndrs., Redfield, S. D.  
 Norbom Engng. Co., machsts., Denckla Bldg., Philadelphia, Pa.  
 Norby & With, cornices & skylights, Port Townsend, Wash.  
 Norcross Bros. Co., general building construction, 10 E. Worcester, Worcester, Mass.  
 Norcross Brown Stone Co., 10 E. Worcester, Worcester, Mass.  
 Norcross, C. S., & Sons, agri. implts., Bushnell, Ill.  
 Norcross, F. A., architect, 46 Cornhill, Boston, Mass.  
 Norcross, J. J., contractor, Burlington, N. J.  
 Norcross, W. C., Co., masons' & bldrs.' matls., 486 Albany, Boston, Mass.  
 Nordberg Mfg. Co., hoisting engines, Chicago & Oklahoma, Milwaukee, Wis.  
 Nord-Buffum Pearl Button Co., Louisiana, Mo.  
 Nordeen, H. G., gray iron castings, fittings, inlets, posts, etc., Everett, Wash.  
 Norden, A., & Co., importers of antimony & oils, Cotton Exch. Bldg., New York.  
 Norden, Andrew B., architect, Napanoch, N. Y.  
 Norden Elec. Sign Co., elec. carriage calls, 311 W. 40th, New York.  
 Norden, J., cornices, Mount Vernon, N. Y.  
 Nordheim, Henry, architect, 1087 Tremont av, New York.  
 Nordin, August, architect, Mills Bldg., San Francisco, Cal.  
 Nording, F. George, contractor, 1403 Boston av, Bridgeport, Conn.  
 Nordone, Frank, contractor, Mount Vernon, N. Y.  
 Nordquist & Nelson, sash, door & blind, Seattle, Wash.  
 Nordyke & Marmon Co., mill & facty. supplies, agricultural implements & auto. bldrs., 1290 Kentucky av, Indianapolis, Ind.  
 Nore, J. A., architect, Dunmore, W. Va.  
 Norfleet Hardware Co., Winston-Salem, N. C.  
 Norfolk Bed Mfg. Co., mattresses, Norfolk, Va.  
 Norfolk Cereal & Flour Mills, Norfolk, Neb.  
 Norfolk Collar Pad Co., Norfolk, Va.  
 Norfolk Creosoting Co., underground conduits, Norfolk, Va.  
 Norfolk Dredging Co., 217 Water, Norfolk, Va.  
 Norfolk Granite Co., Quincy, Mass.  
 Norfolk Hdwe. Co., 115 Washington, Norfolk, Va.  
 Norfolk Iron Co., Quincy, Mass.  
 Norfolk Iron & Wire Works, iron works, Norfolk, Va.  
 Norfolk Mfg. Co., steel clamps, Norfolk, Conn.  
 Norfolk Oil Wks., paints, Norfolk, Neb.  
 Norfolk Mattress Co., mattress mfrs., Norfolk, Va.  
 Norfolk Packing Co., Norfolk, Neb.  
 Norfolk Veneer Co., packing box mfrs., Norfolk, Va.  
 Norfork & New Brunswick Hosiery Co., sweaters, etc., New Brunswick, N. J.  
 Norgaard, C. C., contractor, Council Bluffs, Ia.  
 Norlander, Fred Co., contractor, Am. Nat. Bk. Bldg., St. Paul, Minn.  
 Norley-Murphy Hardware Co., Green Bay, Wis.  
 Norma (The) Co. of America, steel balls & bearings, 1790 Broadway, New York. *See adv. index at end of book.*  
 Normal Nov. Wks., garden weedeers, Normal, Ill.  
 Normalair Co., tex. machy., air moistening apparatus, Winston-Salem, N. C.  
 Norman, Andrew E., architect, 1562 Devon av, Chicago, Ill.  
 Norman Bros., turpentine, Norman Park, Ga.  
 Norman Buggy Co., Griffin, Ga.  
 Norman, C. Erwin, & Co., mill & facty. supplies, 18 W. Kinzie, Chicago, Ill.  
 Norman Lbr. Co., Louisville, Ky.  
 Norman, M. D. & J. T., turpentine, Norman Park, Ga.  
 Norman Milling & Grain Co., flour, Moore, Okla.  
 Norman, N., contractor, Mohawk Bldg., Spokane, Wash.  
 Norman, R. L., turpentine, Norman Park, Ga.  
 Norman Slate Picker Co., machsts., Nanticoke, Pa.  
 Norman, U. G., contractor, Champaign, Ill.  
 Norman, W. F., Sheet Metal Mfg. Co., wall ties, Nevada, Mo.  
 Norman, Wm., Co., hosiery, 1832 Ogden av, Chicago, Ill.  
 Normile, Simon, contractor, Seattle, Wash.  
 Norris Bros., textile machy., supplies, Greenville, S. C.  
 Norris, D. M., & Son, mill & facty. supplies, Kankakee, Ill.  
 Norris Elec. Spec. Co., wire pullers, cable grips, etc., 38 Park Row, New York.  
 Norris, F. Edgar, architect, 12 West, Boston, Mass.  
 Norris, J. T., canned goods, Van Bibber, Md.  
 Norris, Lemuel, architect, 1441 U. N. W., Washington, D. C.  
 Norris, R. H., Hardware Co., Childress, Tex.  
 Norris, R. W., & Sons, whol. hdwe., 342 N. Gay, Baltimore, Md.  
 Norris, Robert O., flour mills, Lively, Va.  
 Norris Safe & Lock Co., fire & burglar proof, Seattle, Wash.  
 Norris, W. C., machinist, Tiona, Pa.  
 Norris, W. H., Lbr. Co., Houston, Tex.  
 Norris, Wm. H., & Sons, soap, Chelsea, Mass.  
 Norristown Brick Co., Norristown, Pa.  
 Norristown Iron & Steel Co., scrap iron, Norristown, Pa.  
 Norristown Magnesia & Asbestos Co., Norristown, Pa.  
 Norristown Varnish Co. (Ltd.), Norristown, Pa.  
 Norse Pottery Co., Rockford, Ill.  
 North, Aaron E., machinist, West Rutland, Vt.  
 North Alabama Brick Co., New Decatur, Ala.  
 North Alaska Salmon Co., canned goods, San Francisco, Cal.  
 North American Accident Insurance Co., 209 S. La Salle, Chicago, Ill.  
 North American Chemical Co., potash, salt mfrs., etc., Bay City, Mich.  
 North American Chemical & Engineering Co., 23 Old Slip, New York.  
 North American Construction Co., Bay City, Mich.  
 North American Dist. Co., gin & whiskey, 114 Liberty, New York.  
 North American Dredging Co., Central Bldg., Los Angeles, & Mer. Exch. Bldg., San Francisco, Cal.  
 North American Handle Co., hickory handles, Fort Hill sq., Boston, Mass.  
 North American Knitting Mills, sweaters, cardigans, etc., 435 B'way, Brooklyn, N. Y.  
 North American Mercantile Co., rice mill, 330 Front, San Francisco, Cal.  
 North American Metaline Co., loose pulley bushings, 4 West av, Long Island City, N. Y.  
 North American Motors Co., automobile engines, Pottstown, Pa.  
 North American Railway Construction Co., 53 W. Jackson blvd., Chicago, Ill.  
 North American Slide Co., 122 N. 13th, Philadelphia, Pa.  
 North American Smelting Co., Philadelphia, Pa.  
 North American Tuna Canning Co., Terminal, Cal.  
 North American Watch Co., Mansfield, Ohio.  
 North Augusta Warehouse & Fertilizer Co., Augusta, Ga.  
 North Baltimore Bottle Glass Co., Terre Haute, Ind.  
 North Bangor Slate Co., Bangor, Pa.  
 North Barre Granite Co., Barre, Vt.  
 North Bend Fire Brick Co., Gleason, Pa.  
 North Bend Iron Wks., North Bend, Ore.  
 North Berwick Co., woolen flannels, North Berwick, Me.  
 North Birmingham Fire Brick & Proofing Co., hollow bldg. blocks, Birmingham, Ala.  
 North Bradshaw Co., contractors, Jackson, Mich.  
 North Branch Flooring Co., 2415 Barry av, Chicago, Ill.  
 North Branch Milling Co., flour, North Branch, Minn.  
 North Bridge Brush Co., sanitary brushes, all kinds, Freeport, Ill.  
 North Bros. Mfg. Co., hardware specialties & tools, Phila., Pa.  
 North Buffalo Hdwe. Fndry. Co., 743 Hertel av, Buffalo, N. Y.  
 North Carolina College of Agricultural & Mechanical Art, Mount Pleasant, N. C.  
 North Carolina Coll. of Mech. Arts., engng. schools & coll., Raleigh, N. C.  
 North Carolina Granite Corp., Mount Airy, N. C.  
 North Carolina Mica Co., 80 North, Boston, Mass.  
 North Carolina Tale & Mining Co., crayons, Hewitts, N. C.  
 North Carolina Wheel Co., High Point, N. C.  
 N. C. & St. L. Ry. machsts. & fndrs., Nashville, Tenn.  
 North Chelmsford Machine & Supply Co., mill & facty. supplies, North Chelmsford, Mass.  
 North Chicago Machine Co., North Chicago, Ill.  
 North Chicago Roofing Co., felts, 851 W. North av, Chicago, Ill.  
 North Coast Dry Kiln Co., Seattle, Wash.  
 North Coast Lumber Co., 1040 Lbr. Exch., Minneapolis, Minn.  
 North Dakota Harness Co., Fargo, N. D.  
 North Dakota Metal Culv. Co., Fargo, N. D.  
 North Dakota Metal Culvert Co., Fargo, N. D.  
 North Dakota State School of Science, engng. schools & coll., Wahpeton, N. D.  
 North Dighton Co-operative Stove Co., North Dighton, Mass.



- North East Electric Co., automobile accessories, 348 Whitney, Rochester, N. Y.
- North East Fire Brick Co., North East, Md.
- North Eastern Constr. Co., 225 5th av, New York.
- North Eastern General Supply Co., masons' & bldrs.' matls., Gunther Bldg., Baltimore, Md.
- North Elec. Co., dry batteries, Am. Trust Bldg., Cleveland, Ohio.
- North End Fndry. Co., 60th av & Ry. Tracks, Milwaukee, Wis.
- North End Paper Co., Fulton, N. Y.
- North, Frazier, & Co., lumber mfrs., Portland, Ind.
- North Indianapolis Cradle Works, Indianapolis, Ind.
- North Iowa Brick & Tile Co., Mason City, Ia.
- North Jersey Excelsior Co., excelsior, Butler, N. J.
- North Jersey Paint Co., Stewartsville, N. J.
- North Jersey Quarry Co., Morristown, N. J.
- North, Jos. W. & Sons, polishing cloths, Elizabeth, N. J.
- North & Judd Mfg. Co., harness, automobile, baggage strap, razor strop & dog collar hardware mfrs., New Britain, Conn.
- North Lebanon Foundry Co., Lebanon, Pa.
- North Liberty Lumber & Coal Co., masons & bldrs.' matls., North Liberty, Ind.
- North Louisiana Shingle Co., Monroe, La.
- North Lubec Mfg. & Canning Co., North Lubec, Me.
- North Machine Co., 324 Main, San Francisco, Cal.
- North Mississippi Oil Mills, cottonseed meal, Holly Springs, Miss.
- North, O. B., & Co., machsts. & fndrs., New Haven, Conn.
- North Ogden Canning Co., North Ogden, Utah.
- North Pacific Lumber Co., Portland, Ore.
- North Pacific Trading & Packing Co., Hobart Bldg., San Francisco, Cal.
- North Packing & Provision Co., Somerville, Mass.
- North Penn Washer Co., Drexel Bldg., Philadelphia, Pa.
- North & Pfeiffer Mfg. Co., hdwe. mfrs., Hartford, Conn.
- North Phila. Brick Works, Rising Sun & Luzerne, Phila., Pa.
- North Pole Knitting Works, sweaters, 182 2d av, New York.
- North River Lumber Co., 531 W. 57th, New York.
- North, Robt., architect, Prudential Bldg., Buffalo, N. Y.
- North Scituate Cotton Mills, crinoline, mosquito netting, N. Scituate, R. I.
- North Shore Ferneries Co., conservatory, garden lawn & porch furniture mfrs., Beverly, Mass.
- North Shore Improvement Co., contractors, 25 N. Dearborn, Chicago, Ill.
- North Side Carriage Works, Milwaukee, Wis.
- North Side Constr. Co., Bessemer Bldg., Pittsburgh, Pa.
- North Side Foundry Co., Durham, N. C.
- North Side Glass Co., 2542 Lincoln av, Chicago, Ill.
- North Side Lumber Co., Sycamore, Ill.
- North Side Packing Co., meat packers, 1448 Spring Garden av, Pittsburgh, Pa.
- North Side Sash & Door Co., 1015 S. Cal. av, Chicago, Ill., & 2328 N. 2d, Minneapolis, Minn.
- North Star Ash Can Co., ice, waste, etc., cans, 167 Chrystie, New York.
- North Star Egg Case Co., Quincy, Ill.
- North Star Fdry. Co., 32d av & 27th, Minneapolis, Minn., & Spokane, Wash.
- North Star Furniture Co., music cabinets, Faribault, Minn.
- North Star Iron Works Co., machinists, Owatonna, Minn.
- North Star Mfg. Co., paper & pulp mill & egg cases, Coffeyville, Kans.
- North Star Mfg. Co., canvas gloves, Tacoma, Wash.
- North Star Woolen Mill Co., 228 S. 2d, Minneapolis, Minn.
- North States Milling Co., flour, Greensboro, N. C.
- North & Strong, sash, door & blind mfrs., Battle Creek, Mich.
- North Tex. Foundry & Machine Co., Paris, Tex.
- North Tonawanda Musical Instrument Works, organs (military band), N. Tonawanda, N. Y.
- North Vernon Lumber Co., North Vernon, Ind.
- North Wales Fdry. Co., North Wales, Pa.
- North Wales Mach. Co., North Wales, Pa.
- North Wayne Tool Co., Hallowell, Me.
- North Wheeling Glass Co., glass bottles, Wheeling, W. Va.
- North Wilkesboro Rolling Mills, N. Wilkesboro, N. C.
- North, Wm. F., architect, Glenolden, Pa.
- Northampton Cutlery Co., Northampton, Mass.
- Northcutt Bros. Co., contractors, Covington, Ky.
- Northeast Metal Culv. Co., Nashua, N. H.
- Northeast Preserving Works, canned goods, Northeast, Pa.
- Northeastern Co., preservative, wood, 6 Beacon, Boston, Mass.
- Northeastern Iron & Metal Co., scrap iron & steel, Kenosha, Wis.
- Northern Bag & Plate Co., paper dishes, Carthage, N. Y.
- Northern Blower Co., hoods, grinding, buffing & polishing wheel, 4515 Storer av, Cleveland, Ohio.
- Northern Boiler & Struct. Iron Works, Appleton, Wis.
- Northern Brass Mfg. Co., machsts. & fndrs., Waukegan, Ill.
- Northern California Engineering Works, Redding, Cal.
- Northern Casket Co., Fond Du Lac, Wis.
- Northern Chemical Co., lubricating oils, Cleveland, Ohio.
- Northern Clay Co., arch'l terra cotta, Auburn, Wash.
- Northern Construction Co., Elkhart, Ind. & Grand Forks, N. D.
- Northern Cornice & Roofing Co., 1681 Carter av, New York.
- Northern Dredge & Dock Co., Duluth, Minn.
- Northern Engineering Works, cranes, derricks, elevators, hoists, etc., 9 Chene, Detroit, Mich. *See adv index at end of book.*
- Northern Engng. Works, rheostats, 120 Liberty, New York.
- Northern Fire Apparatus Co., 2422 Univ. av, S. E., Minneapolis, Minn.
- Northern Foundry Co., Alpena, Mich.
- Northern Hardware Co., Duluth & Petoskey, Mich., & Great Falls, Mont.
- Northern Hardware & Supply Co., Menominee, Mich.
- Northern Illinois Cereal Co., foods, 1306 Belmont av, Chicago, Ill.
- Northern Indiana Brass Fndry. Co., Elkhart, Ind.
- Northern Insulating Co., cold storage insulation, St. Paul, Minn.
- Northern Iron Co., ores, Real Estate Bldg., Philadelphia, Pa.
- Northern Knitting Mills, sweaters, cardigans, etc., 59 W. 19th, New York.
- Northern, L. B., flour mills, Hyacinth, Va.
- Northern Lime Co., Petoskey, Mich.
- Northern Linseed Oil Co., St. Anthony Park, Minneapolis, Minn.
- Northern Lumber Co., Cloquet, Minn., & Woolworth Bldg., New York.
- Northern Lumber Mfg. Co., Batchelor, La.
- Northern Machine Works, Marshall & Jefferson, Phila., Pa., & Wausau, Wis.
- Northern Machinery Co., 503 S. 6th, Minneapolis, Minn.
- Northern Maine Packing Co., Corinna, Me.
- Northern Malleable Iron Co., Wells & Forest, St. Paul, Minn.
- Northern Metallic Packing Co., 253 E. 8th, St. Paul, Minn.
- Northern Ohio Cooperage & Lumber Co., Parkin, Ark.
- Northern Ore Co., zinc ores, Edwards, N. Y.
- Northern Paper Mills, Green Bay, Wis.
- Northern Pine Crating Co., Cass Lake, Minn.
- Northern Redwood Lumber Co., Korb, Cal.
- Northern Refrigerator Co., Grand Rapids, Mich.
- Northern Tool Co., machsts., Utica, N. Y.
- Northern Welding Co., 2429 Univ. av, S. E., Minneapolis, Minn.
- Northern White Cedar Ass'n, Lumber Exchange, Minneapolis, Minn.
- Northern Wrecking Co., 103 Park av, New York.
- Northey Mfg. Co., cooling rooms & dtrs. butchers' supplies, Waterloo, Ia.
- Northfield Furnace Co., cornices & skylights, Northfield, Minn.
- Northfield Iron Co., mortar mixers, Northfield, Minn.
- Northfield Knife Co., Northfield, Conn.
- Northfield Knitting Co., sweaters, Northfield, Minn.
- Northfield Knitting Co., 1301 Central av, Minneapolis, Minn.
- Northland Lumber Co., Grand Rapids, Mich.
- Northland Pipe Co., lumber, 3201 N. 2d, Minneapolis, Minn.
- Northland Rubber Co., tires, Buffalo, N. Y.
- Northland Ski Mfg. Co., St. Paul, Minn.
- Norton Door Check Co., 904 W. Lake, Chicago, Ill.
- Norton Door Check Co., hdwe. mfrs., 170 Purchase, Boston, Mass.
- Northrop Bros., masons' & bldrs.' matls., Southport, Conn.
- Northrop, Coburn & Dodge Co., enameled metal tile & steel ceiling, 40 Cherry, New York.
- Northrop, Jos. W., architect, Court Ex. Bldg., Bridgeport, Conn.
- Northrop Lubrg. Oil Co., 308 Commercial av, St. Louis, Mo.
- Northrup, B. D., machsts. & fndrs., Washington, Pa.
- Northrup Hardware Co., Ltd., Boise, Idaho.
- Northrup, Jay H., lumber mfrs., ties, poles & posts, Louisa, Ky.
- Northrup Lumber Co., Iola, Kans.
- Northrup & O'Brien, architects, Winston-Salem, N. C.
- Northway Motor & Mfg. Co., auto. engines, Detroit, Mich.
- Northway Trailer Car Co., truck trailers (automobile), East Rochester, N. Y.
- Northwest Aluminum & Brass Fndry., Rochester, N. Y.
- Northwest Arkansas Lumber Co., Fayetteville, Ark.
- Northwest Canning Co., Vashon, Wash.
- Northwest Hardware Co., Bellingham, Wash.
- Northwest Harvester Co., Spokane, Wash.
- Northwest Lumber Co., Seattle, Wash.
- Northwest Material Co., masons' & bldrs.' matls., 3690 Milwaukee av, Chicago, Ill.
- Northwest Paper Co., Cloquet, Minn.
- Northwest Steel Co., Portland, Ore.
- Northwestern Barb Wire Co., Sterling, Ill.
- Northwestern Bedding & Mfg. Co., St. Anthony Park, St. Paul, Minn.
- Northwestern Boiler Works, Superior, Wis.
- Northwestern Brass Works, fndrs., 2117 N. 9th, St. Louis, Mo.
- Northwestern Bridge & Iron Co., 127 S. Water, Milwaukee, Wis.
- Northwestern Bridge Works, steel struct. work, Portland, Ore.
- Northwestern Cabinet Co., piano benches, Burlington, Iowa.
- Northwestern Car Seal Co., 108 N. Jefferson, Chicago, Ill.
- Northwestern Casket Co., 661 17th av, N. E., Minneapolis, Minn.
- Northwestern Chem. Co., platers' compounds, soaps, etc., Marietta, Ohio.
- Northwestern Clay Mfg. Co., sewer pipe, drain tile, flue linings, etc., New Windsor, Ill.
- Northwestern Compo Board Co., 44th av, N. & Lyndl, Minneapolis, Minn.
- Northwestern Construction Co., Franklin, Pa.
- Northwestern Cooperage & Lumber Co., Gladstone, Mich.
- Northwestern Copper & Brass Works, 59 W. 3d, St. Paul, Minn.
- Northwestern Cornice Works, 1500 Penn av, Baltimore, Md., & 2637 W. Hogert, Phila., Pa.
- Northwestern Electric Co., rotary converters, variable motors, etc., 408 S. Hoyne av, Chicago, Ill.
- Northwestern Expanded Metal Co., 407 So. Dearborn, Chicago, Ill.



- Northwestern Fireproofing Co., 107 Kasota blk, Minneapolis, Minn.
- Northwestern Foundry Co., 662 W. 12th, Chicago, Ill.
- Northwestern Furniture Co., 271 W. Water, Milwaukee, Wis.
- Northwestern Glass Co., 219 N. 2d, Minneapolis, Minn.
- Northwestern Glue Co., 44th pl & Packers av, Chicago, Ill.
- Northwestern Granite Co., St. Cloud, Minn.
- Northwestern Iron Co., 1st Nat. Bk. Bldg., Milwaukee, Wis.
- Northwestern Iron & Metal Co., scrap iron & steel, Racine, Wis.
- Northwestern Iron Works, machsts. & fndrs., Seattle, Wash.
- Northwestern Lime Co., Ryan Bldg., St. Paul, Minn.
- Northwestern Lumber Co., Eau Claire, Wis., & Hoquian, Wash.
- Northwestern Mail Box Co., 5029 McKissock, St. Louis, Mo.
- Northwestern Malleable Iron Co., 756 Park, Milwaukee, Wis.
- Northwestern Mfg. Co., carriages, Fort Atkinson, Wis.
- Northwestern Mfg. Co., disinfectants & oils, 725 E. Vermont, Indianapolis, Ind.
- Northwestern Mfg. Co., dynamos & motors, Clinton & Madison, Milwaukee, Wis.
- Northwestern Mfg. Co., logging tools, Duluth, Minn.
- Northwestern Marble & Tile Co., 27th av, S. & 27th, Minneapolis, Minn.
- Northwestern Milling Co., flour, Little Falls, Minn.
- Northwestern Parquet Floor Co., 308 E. Lake, Minneapolis, Minn.
- Northwestern Pine Tar Co., 1905 Diversey, Chicago, Ill.
- Northwestern Roofing Cornice & Stamping Works, 1111 S. 5th, Minneapolis, Minn.
- Northwestern Safe Mfg. Co., machsts. & fndrs., Columbia Heights, Minneapolis, Minn.
- Northwestern Sheet & Iron Works, Wahpeton, N. D.
- Northwestern Sheet Metal Works, cornices & skylights, Seattle, Wash.
- Northwestern Shot & Lead Works, 90 Fairfield av, W., St. Paul, Minn.
- Northwestern Stamp Works, 110 E. 3d, St. Paul, Minn.
- Northwestern Stamping Co., conduit hangers, Burlington, Ia.
- Northwestern States Portland Cement Co., Mason City, Ia.
- Northwestern Steel & Iron Works, Eau Claire, Wis.
- Northwestern Storage Battery Co., elec. lamp flashlights, 140 Mason, Milwaukee, Wis.
- Northwestern Terra Cotta Co., 2525 Clybourne av, Chicago, Ill.
- Northwestern Trunk Co., 248 Nicollet av, Minneapolis, Minn.
- Northwestern Univ., engng. school & coll., Evanston, Ill.
- Northwestern Wind Engine Co., 110 3d av, N., Minneapolis, Minn.
- Northwood, H., Co., table glassware, Wheeling, W. Va.
- Northmann-Duffke Foundry Co., Layton Park, Milwaukee, Wis.
- Norton, A. O., Inc., jacks mfrs., 286 Congress, Boston, Mass.
- Norton, Alfred E., Co., steel struct'l Works, 105 W. 40th, New York.
- Norton Bros., roofing slate mfrs., Granville, N. Y.
- Norton Bros., contrs., 3517 Main, Kansas City, Mo.
- Norton, C. A., masons' & bldrs.' matls., West Mentor, Ohio.
- Norton, C. H., paper & pulp mill, binder's boards, North Westchester, Conn.
- Norton, C. S., Blue Stone Co., Bedford, Ind.
- Norton Car & Foundry Co., machsts. & fndrs., Norton, Va.
- Norton, Chas. L., architect, Wayne, Me.
- Norton Coal Co., coke mfrs., Norton, Va.
- Norton Co., grinding wheel mfrs., Worcester, Mass.
- Norton Electric Instrument Co., electrical instruments & ammeters, Manchester, Conn.
- Norton, Geo. W., soap, Somerville, Mass.
- Norton & Gorman, contractors, 301 Douglas, Brooklyn, N. Y.
- Norton Grinding Co., grinding & polishing machinery & grinding wheels mfrs., Worcester, Mass.
- Norton Hardware Co., Norton, Va.
- Norton Hardwood Co., lumber mfrs., Norwalk, Ohio.
- Norton Iron Works, Ashland, Ky.
- Norton, John, contractor, 47 S. Main, Providence, R. I.
- Norton, John C., architect, Ardmore, Pa.
- Norton Laboratories, metallic magnesium, Lockport, N. Y.
- Norton, M., & Co., scrap rubber, Charlestown, Boston, Mass.
- Norton Machy. Co., 610 Baymiller, Cincinnati, Ohio.
- Norton Mfg. Co., machinists, Norton, Kans.
- Norton Mattress & Mfg. Co., Norton, Va.
- Norton, S. Tilden, architect, Title Ins. Bldg., Los Angeles, Cal.
- Norton, W. A., Co., dock bldrs., 285 Dorchester av., Boston, Mass.
- Norton, W. R., architect, Phoenix, Ariz.
- Norton, W. T., guy clamps, elec. cable hangers, West Park, Ohio.
- Norton, Willis & Co., wheat flour, Topeka, Kans.
- Norvell-Wilder Hardware Co., Beaumont, Tex.
- Norvell & Wallace, masons' & bldrs.' matls., Nashville, Tenn.
- Norvell-Wilder Hardware Co., Beaumont, Tex.
- Norviel, H., Scraper Co., fndrs., Pixley, Cal.
- Norwalk Brick & Stone Co., Norwalk, Ohio.
- Norwalk Drilling Tool Co., Norwalk, Ohio.
- Norwalk Foundry Co., Norwalk, Ohio.
- Norwalk Iron Works Co. (The), air & gas compressor mfrs., So. Norwalk, Conn. *See adv. index at end of book.*
- Norwalk Lock Co., So. Norwalk, Conn.
- Norwalk Mfg. Co., plumbers' supplies, E. Norwalk, Conn.
- Norwalk Motor Car Co., Martinsburg, W. Va.
- Norwalk Tire & Rubber Co., Norwalk, Conn.
- Norway Graphite Milling Co., Birmingham, Ala.
- Norwich Belt Mfg. Co., Norwich, Conn.
- Norwich Chemical Co., acetate of lime, wood alcohol, etc., Crosby, Pa.
- Norwich Knitting Co., sweaters, cardigans, etc., Norwich, N. Y.
- Norwich Nickel & Brass Co., machsts. & fndrs., Norwich, Conn.
- Norwich Pharmacal Co., aloin, Norwich, N. Y.
- Norwich Plumbing Supply House, Norwich, Conn.
- Norwich Univ., engng. school & coll., Northfield, Vt.
- Norwich Wire Works, display stands & store trucks, Norwich, N. Y.
- Norwood & Berdan, paint mfrs., Paterson, N. J.
- Norwood Concrete Block & Const. Co., stone, Madison av. & C. L. & N. Ry., Norwood, Ohio.
- Norwood Engng. Co., freight elev., filters & paper mill machinery, Florence, Mass.
- Norwood, Jos. W., fish oils, Gloucester, Mass.
- No-Shammy Product Co., gasoline funnels, 5710 Haugh av., Cleveland, Ohio.
- Nositzer, Barnett, horse hair, 307 Pearl, New York.
- Noss, Herman, & Sons, sash, door & blinds, York, Pa.
- Nosser, J. J., architect, Charles City, Ia.
- Nostrand Knitting Mills, sweaters, bathing suits, etc., 1287 Madison, Brooklyn, N. Y.
- Nott-Atwater Co., mill & facty. supplies, Spokane, Wash.
- Nott, F. H., scrap iron, steel & rubber, Richmond, Va.
- Nott Fire Engine Co., 1624 Central av., Minneapolis, Minn.
- Nott, H. L., machine shop, White River Junction, Vt.
- Nott, W. S., Co., mill & facty. supplies, 2d av. N., & 3d, Minneapolis, Minn.
- Nottingham & Co., masons' & bldrs.' matls., E. 2d & Wash., Portland, Ore.
- Nottingham Mill, cotton sheetings, 314 Dyer, Providence, R. I.
- Nottingham, Wm. N., switch boxes, 204 W. Brighton, Syracuse, N. Y.
- Nottingham & Wrenn Co., masons' & bldrs.' matls., Norfolk, Va.
- Nottleman, Wm. J., contractor, Lockport, N. Y.
- Nourse, C., architect, Story Bldg., Los Angeles, Cal.
- Novak, Frank, contractor, 744 N. Kenwood av., Baltimore, Md.
- Novelli & Calcagni Co., granite, Barre, Vt.
- Novelty Advertising Co., Coshocton, Ohio.
- Novelty Art Glass Co., leaded shades, 415 Federal, Pittsburgh, Pa.
- Novelty Brick & Coal Co., masons' & bldrs.' matls., New Comers-town, Ohio.
- Novelty Button Works, 312 7th av., New York.
- Novelty Cutlery Co., Canton, Ohio.
- Novelty Elec. Co., sheet metal gauges & trailer connectors, 50 N. 4th, Philadelphia, Pa.
- Novelty Electric Sign Co., 165 Eddy, San Francisco, Cal.
- Novelty Gas & Elec. Fixture Co., 5th & Green, Philadelphia, Pa.
- Novelty Incandescent Lamp Co., Emporium, Pa.
- Novelty Iron Works, Lock Haven, Pa.; Passaic, N. J., & Sterling, Ill.
- Novelty Knitting Co., bathing suits, Woonsocket, R. I.
- Novelty Knitting Mills, sweaters, etc., 1015 Diamond, Phila., Pa.
- Novelty Mfg. Co., machsts. & fndrs., Jackson, Mich.
- Novelty Mfg. Co., mill & facty. supplies, Sioux City, Ia.
- Novelty Mfg. Co., hardware manufacturers, Waterbury, Conn.
- Novelty News Co., trade publications, 9 S. Clinton, Chicago, Ill.
- Novelty Printing Co., hosiery bands & labels, 7th & Watkins, Philadelphia, Pa.
- Novelty Sign Co., 118 W. 2d, Cincinnati, Ohio.
- Novelty Slide Co., 15 E. 23d, New York.
- Novelty Steam Boiler Works, steel plate work, Baltimore, Md.
- Novelty Turning Co., textile machy., supplies, Norway, Me.
- Novelty Wire Works, window display fixtures, 840 B'way, New York.
- Novelty Wood Works Co., music cabinets, desks, etc., Union City, Pa.
- Novelty Wooden Shoe Co., Holland, Mich.
- Novelty Yarn Co., auto. binding, 2304 Waterloo, Phila., Pa.
- Novo Engine Co., Lansing, Mich.
- Novo Mfg. Co., dry batteries, 424 W. 33d, New York.
- Novy, L., & Son, architects, 3223 W. 22d, Chicago, Ill.
- Nowack, F. C., stone producers, Menominee, Mich.
- Nowakowski, Jos., & Co., contractors, 666 Forest, E., Detroit, Mich.
- Nowata Hardware & Supply Co., Nowata, Okla.
- Nowell-Atherly Co., contractors, Billings, Mont.
- Nowell, J. M., fertilizer mfrs., Monroe, Ga.
- Nowell, Wm., contractor, McKeesport, Pa.
- No Xal Polish Mfg. Co., 1238 Belmont av., Philadelphia, Pa.
- Noxall Mfg. Co., grain separators, Seward, Nebr.
- Noxon Broom Co., Avoca, N. Y.
- Noxon, C. Per Lee, spark coils, Syracuse, N. Y.
- Noxon & Whitney Co., mill & facty. supplies, Middletown, Conn.
- Noye Bros. Co., sawmill machy., Buffalo, N. Y.
- Noyes, A. L., lumber, Limestone, Me.
- Noyes, B. B., & Co., machsts. & fndrs., Greenfield, Mass.
- Noyes Bros. & Cutler, plate glass, 6th & Sibley, St. Paul, Minn.
- Noyes, C. A., Co., mill & facty. supplies, Brockton, Mass.
- Noyes Carriage Co., Elkhart, Ind.
- Noyes, Chas. E., starch mfr., Limestone, Me.
- Noyes Comb Co., Binghamton, N. Y.



- Noyes, E. A., cornices, 1606 W. Lake, Chicago, Ill.  
 Noyes, Frank A., architect, Chelsea, Mass.  
 Noyes, H. F., (Est. of), sash, door & blind mfrs., Rutland, Vt.  
 Noyes, J. B., & Co., lumber, Linnton, Ore.  
 Noyes & Nutter Mfg. Co., fndrs., Bangor, Me.  
 Noyes Stove Co., fndrs., Waterville, Me.  
 Noyes, W. H., Co., wood flag poles, scaffold bldrs., etc., 154 1st, Newark, N. J.  
 Noyes, W. W., architect, Boston blk, Seattle, Wash.  
 Noyes, Walter D., lumber, 33 Broad, Boston, Mass.  
 N. & S. Foundry Co., mchsts. & fndrs., Seattle, Wash.  
 Nu-Back Mfg. Co., metal polish, 114 N. Commercial, St. Louis, Mo.  
 Nubian Paint & Varnish Co., 1856 Leclair av., Chicago, Ill.  
 Nuckolls Packing Co., meats, Pueblo, Colo.  
 Nuckols, John T., contractor, Richmond, Va.  
 Nuedling, A., & Son, bldg. contrs., 998 16th, Milwaukee, Wis.  
 Nuera Canning Co., No. Wilkesboro, N. C.  
 Nu-Ex Fire Appliance Co., Columbus, O.  
 Nufer Cedar Co., Whitehall, Mich.  
 Nuffer, John, architect, Preston, Idaho.  
 Nugent, Robinson, contractor, 2165 Market, San Francisco, Cal.  
 Nugent, Thos., hot air furnace mfrs., 223 E. 80th, New York.  
 Nugent, Wm. H., & Co., oiling systems, filters & devices, 146 W. Superior, Chicago, Ill. *See adv. index at end of book.*  
 Nuhring, Chas., & Bro., mill & facty. supplies, 1212 Walnut, Cincinnati, Ohio.  
 Null, Geo. W., machsts., Greenmount, Pa.  
 Nulomoline Co., glycerine substitute, 11 Wall, New York.  
 Nulsen, Klein & Krausse Mfg. Co., barytes, whiting mfrs., Main & Sidney, St. Louis, Mo.  
 Numa Rock Drill Sharpener Co., machy., Salt Lake City, Utah.  
 Number One Dist. Co., Cincinnati, Ohio.  
 Numsen, Wm., & Son, canned goods, 18 Light, Baltimore, Md.  
 Nunberger, Jos., flour mills, St. Albans, W. Va.  
 Nunda Casket Co., Nunda, N. Y.  
 Nungesser Carbon & Battery Works of National Carbon Co., dry batteries, carbon brushes, 1170 E. 38th, Cleveland, Ohio.  
 Nunn Brass Works, Rochester, N. Y.  
 Nunner & Ashton Co., bedstead mfrs., 641 Main, Cincinnati, O.  
 Nunning, Frank, & Son, machsts., 215 W. 2d, Cincinnati, Ohio.  
 Nunns, Robt., contractor, Sayville, N. Y.  
 Nurick, H. J., architect, 830 Putnam av., Brooklyn, N. Y.  
 Nurre Mirror Plate Co., medicine cabinets, Bloomington, Ind.  
 Nurse, Howard B., architect, Cutler Bldg., Rochester, N. Y.  
 Nusbaum Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.  
 Nusbaum, D., & Co., sweaters, bathing suits, etc., 341 5th av., New York.  
 Nusbaum, F. A., clamps, oil filters, etc., 219 Ruffner, Lockland, Ohio.  
 Nuss Mfg. Co., musical instruments, Harrisburg, Pa.  
 Nuss & Moore Trunk Co., 1408 Walnut, Kansas City, Mo.  
 Nussbaum & Hunold, silver nov., 14 Blount, Providence, R. I.  
 Nussbeck, John G., cornices & skylights, Topeka, Kan.  
 Nute Foundry Co., Cuyahoga Falls, Ohio.  
 Nutt, Geo. D., contractor, Farwell Bldg., Detroit, Mich.  
 Nutt, Walter J., Lumber Co., Mendon, Ill.  
 Nuttall, Jno., machy. dls., Montgomery & 5th, Philadelphia, Pa.  
 Nuttall, R. D., Co., gears, pinions & trolleys, McCandless & Harrison av., Pittsburgh, Pa. *See adv. index at end of book.*  
 Nutter & Barnes Co., saw cutting-off & sharpening machines, Hinsdale, N. H.  
 Nutter & Barnes Mfg. Co. *See Greenfield Top & Die Corporation, Greenfield, Mass.*  
 Nutter Elec. Equipment Co., dry batteries, Old South Bldg., Boston, Mass.  
 Nutter, F. H., architects, landscape, 710 Sykes blk., Minneapolis, Minn.  
 Nutter, J. C., sash, door & blind mfrs., Berwick, Me.  
 Nutting, C. A., mchsts., Randolph, Wis.  
 Nutting Truck Co., Faribault, Minn.  
 Nuttle, H. T. & H. H., canned goods, Hobbs, Md.  
 Nydegger, Max, hosiery knitting mach'y, 260 W. B'way, New York.  
 Nyden, John A., architect, Schiller Bldg., Chicago, Ill.  
 Nye, A. T., & Son Co., stoves & ranges, Marietta, O.  
 Nye Lusk & Hudson Co., lumber, Thorp, Wis.  
 Nye & Robinson, architects, Brandeis Bldg., Omaha, Nebr.  
 Nye-Schneider-Fowler Co., masons' & bldrs.' matls., Fremont, Nebr.  
 Nye Steam Pump & Machinery Co., 701 N. Western av., Chicago, Ill.  
 Nye Tool & Mach. Works, 108 N. Jefferson, Chicago, Ill.  
 Nye & Trelick Co., mchsts., 720 Cherry, Philadelphia, Pa.  
 Nye, Wm. F., oils, New Bedford, Mass.  
 Nyelec Switchboard Co., 422 E. 53d, New York.  
 Nygard, Alfred F., stone carver, Detroit, Mich.  
 Nystrom, Carl E., architect, Palladio Bldg., Duluth, Minn.  
 Nytanday Letter & Design Co., 100 William, New York.  
 Oades, Walter H., ship bldr., ft. of Dubois, Detroit, Mich.  
 Oak Grove Canning Co., Oak Grove, Va.  
 Oak Grove Handle Co., Cameron, Wis.  
 Oak Hill Fire Brick & Coal Co., Oak Hill, Ohio.  
 Oak Hill Foundry & Machine Works, Oak Hill, Ohio.  
 Oak Hill Marble Wks., Birmingham, Ala.  
 Oak Rubber Co., balloons (rubber), Akron, Ohio.  
 Oakdale Baking Co., prepared cereal foods, 10th & Susquehanna av., Philadelphia, Pa.  
 Oakdale Cotton Mills, Jamestown, N. C.  
 Oakdale Milling Co., flour, Oakdale, Cal.  
 Oake Pckg. Co., meat packers, Rockford, Ill.  
 Oakes Bros., brick, Iowa City, Ia.  
 Oakes & Burger Co., dairy apparatus & supplies, machy., etc., Cattaraugus, N. Y.  
 Oakes Co., automobile horns, mountings, wheels, etc., Division & Vandalia R. R., Indianapolis, Ind.  
 Oakes & Dow Co., spark plug mfrs., 15 Chardon, Boston, Mass.  
 Oakes, Geo. W., & Co., contractors, Endicott Bldg., St. Paul, Minn.  
 Oakes Mfg. Co., mail boxes, poultry fountains, Tipton, Ind.  
 Oakes, W. L., machsts., Decatur, Ill.  
 Oakland Brass Foundry, Oakland, Cal.  
 Oakland Foundry Co., Belleville, Ill.  
 Oakland Fndry. & Mach. Co., Oakland, Me.  
 Oakland Meat & Packing Co., Oakland, Cal.  
 Oakland Mills, denims, tickings, Taunton, Mass.  
 Oakland Motor Car Co., Pontiac, Mich.  
 Oakland Paving Co., Oakland, Cal.  
 Oakley, Chas. T., architect, Mamaroneck, N. Y.  
 Oakley Chem. Co., oakite, rust preventives, etc., 22 Thames, New York.  
 Oakley & Jansen Machine Co., sanding, Parkersburg, W. Va.  
 Oakley & Keating, machsts., 673 Manhattan av, Brooklyn, N. Y.  
 Oakley Machine Tool Co., reamer & cutter grinders, Oakley, Cincinnati, Ohio.  
 Oakley & Son, architects, 280 N. Broad, Elizabeth, N. J.  
 Oakman, Jno., architect, 345 5th av, New York.  
 Oaks, A. J., machsts., South Fork, Pa.  
 Oakton Canning Co., Oakton, Ky.  
 Oakville Co., machsts., Waterbury, Conn.  
 Oakville Shingle Co., lumber, Bothell, Wash.  
 Oarr, H. J., & Son, machsts. & fndrs., Cos Cob, Conn.  
 Oast, Samuel P., masons' & bldrs.' matls., 1101 Court, Portsmouth, Va.  
 Oat, Jos., & Sons, fndrs., Philadelphia, Pa.  
 Oates, Isaac E., flour mills, Elk Garden, W. Va.  
 Oates Mattress Co., Little Rock, Ark.  
 Oatman Condensed Milk Co., canned, Dundee, Ill.  
 Oatman's Furnace Co., cornices, Medina, Ohio.  
 O'Bannon Corp., artificial lthr., 30 State, Boston, Mass.  
 Obdyke, Benj. P., conductor pipe mfrs., 1217 Callowhill, Philadelphia, Pa.  
 Obear-Nester Glass Co., bottles, 2d & Chestnut, St. Louis, Mo.  
 Obenberger, J., & Son Co., machsts., 125 Barclay, Milwaukee, Wis.  
 Obenchain-Boyer Co., machsts. & fndrs., Logansport, Ind.  
 Obenhack, C. F., architect, Gluck Bldg., Niagara Falls, N. Y.  
 Obenhaus-Nichols Co., architects, 208 S. Center, Schenectady, N. Y.  
 Obenshain, E. P., canned goods, Nace, Va.  
 Obenshain, J. B., & Sons, canned goods, Montvale, Va.  
 Obenus, Nichols Co., architects, 119 State, Albany, N. Y.  
 Ober, G., & Sons Co., fertilizer mfrs., ammoniates, U. S. Fidelity & Guar. Bldg., Baltimore, Md.  
 Ober Mfg. Co., machinery, Chagrin Falls, Ohio.  
 Oberdorfer, M. L., Brass Co., castings & pumps, 804 E. Water, Syracuse, N. Y.  
 Oberhelman, J. A., Foundry Co., 3323 Colerein av, Cincinnati, O.  
 Oberholtzer, Francis D., contractor, Norristown, Pa.  
 Oberkircher, Jacob, architect, 46 Orange, Buffalo, N. Y.  
 Oberle, Jno., mach. & fndr., Mellette, S. D.  
 Oberlies, Jos. H., architect, Granite Bldg., Rochester, N. Y.  
 Oberlin Brick & Tile Co., Oberlin, Ohio.  
 Oberly, Jas. B., brick, Delaware Trust Bldg., Wilmington, Del.  
 Obermayer Co., boat fenders, 11 B'way, New York.  
 Obermayer, S., Co., foundry plant equipments, etc., 2563 W. 18th, Chicago, Ill.  
 Oberschelp, H. G., brick, Princeton, Ill.  
 Oberst, Richard E., architect, 353 Nat'l av, Milwaukee, Wis.  
 Obert, Jos., Co., meat packers, Leighton, Pa.  
 Oberwarth, Leo L., architect, Frankfort, Ky.  
 Obion Mill & Elevator Co., flour, Obion, Tenn.  
 Obitz, John E., architect, 6200 Penn av, Pittsburgh, Pa.  
 Oblaski & Sweeney, crude rubber, 26 Stone, New York.  
 Obold Hardware Co., hardware wholesale, Reading, Pa.  
 Obold, J. H., Co., whol. hdwe., Reading, Pa.  
 Obrecht, Chas. F., Co., machsts., 8 E. Perry, Baltimore, Md.  
 Obrechts, John, Sons Mfg. Co., carriage & wagon wheel hubs, Tell City, Ind.  
 O'Brien, A. P., complete acid plants, Richmond, Va.  
 O'Briend, Andrew M., contractor, Lockport, N. Y.  
 O'Briend Bros., architects, 240 Montgomery, San Francisco, Cal.  
 O'Brien Bros., contractors, 54 South, New York, & 5624 Chew, Philadelphia, Pa.  
 O'Brien Bros., roofing slate mfrs., Granville, N. Y.  
 O'Brien Bros., fndrs., 276 W. Main, Columbus, Ohio.  
 O'Brien Constr. Co., Syracuse, N. Y.  
 O'Brien, D. L., cornices, 2827 Walnut, Denver, Colo.  
 O'Brien, Dennis, contractor, Middletown, Conn.  
 O'Brien, E. J., & Co., contractors, Corn Exch., Minneapolis, Minn.



- O'Brien, Edw. J., & Bro., steam & hot water contrs., 284 Rodney, Brooklyn, N. Y.
- O'Brien Electrophone Co., horns, Hallowell, Me.
- O'Brien & Jackson Const. Co., 25 S. La Salle, Chicago, Ill.
- O'Brien, Jas. H., contractor, Hearst Bldg., San Francisco, Cal.
- O'Brien, Jas. H., Scale & Supply Co., butchers' machy. & supplies, 313 Ellery, Brooklyn, N. Y.
- O'Brien, John, Boiler Wks. Co., 11th & Mullanphy, St. Louis, Mo.
- O'Brien, Jos. F., Mfg. Co., auto. annunciators, switches, etc., 391 B'way, New York.
- O'Brien, Laurence, contractor, 70 Beach, New Haven, Conn.
- O'Brien, Louis H., stone producer, West Conshohocken, Pa.
- O'Brien, M., cornices & skylights, Manchester, N. H.
- O'Brien Machy. Co., 107 N. 3d, Philadelphia, Pa.
- O'Brien, Matthew, architect, Hearst Bldg., San Francisco, Cal.
- O'Brien, Morgan M., architect, 49 E. 90th, New York.
- O'Brien & Mosher, pack'g box mfrs., 223 Greene, New York.
- O'Brien, P. J., carriages, 194 Pine, Providence, R. I.
- O'Brien, P. M., contractor, 11 E. 42d, New York.
- O'Brien, Philip, brick, Verplanck, N. Y.
- O'Brien, Smith, architect, Humboldt Bk. Bldg., San Francisco, Cal.
- O'Brien, Thos., contractor, Watertown, N. Y.
- O'Brien, Thos., & Sons, contractors, Quincy, Mass.
- O'Brien, Timothy, & Son, contractors, 137 Black Rock av., Bridgeport, Conn.
- O'Brien Varnish Co., mfrs., South Bend, Ind.
- Ocala Fertilizer Co., Ocala, Fla.
- Ocala Gas Co., Ocala, Fla.
- Ocala Iron Wks., Ocala, Fla.
- Ocala Lbr. & Supply Co., brick, Ocala, Fla.
- Ocala Mfg. Co., lumber, Ocala, Fla.
- Occidental Construction Co., 2643 Andrews, Los Angeles, Cal.
- Occidental Sheet Metal Wks., cornices & skylights, Seattle, Wash.
- Ocean Accident & Guarantee Corp., insurance, 59 John, New York.
- Ocean Bath'g Suit Co., 116 W. 23d, New York.
- Ocean Food Packing Co., canned goods, Everett, Wash.
- Ocean Shore Canning Co., 112 Market, San Francisco, Cal.
- Ocean Shore Iron Works, 550 8th, San Francisco, Cal.
- Ocean Springs Packing Co., canned goods, Ocean Springs, Miss.
- Oceana Canning Co., Shelby, Mich.
- Ochs, A. C., Brick & Tile Co., Springfield, Minn.
- Ochs Construction Co., masons' & bldrs.' matls., Allentown, Pa.
- Ochsner, A., & Son, hdwe. mfrs., New Haven, Conn.
- Ocilla Oil & Fertilizer Co., Ocilla, Ga.
- Ocilla Planing Mill, Ocilla, Ga.
- Ocklocknee Brick Co., Tallahassee, Fla.
- O'Clair, C. L., granite, Waterbury, Vt.
- O'Clair, John, contractor, Cohoes, N. Y.
- Ocmulgee Guano Co., Hawkinsville, Ga.
- Oconee Brick & Tile Co., Milledgeville, Ga.
- Oconee Fertilizer Co., Dublin, Ga.
- Oconee Mills Co., cotton sheetings, Westminster, S. C.
- Oconee River Mills, flour, Milledgeville
- O'Connell Extension Light Fix. Co., lamp cord adjusters, Dallas, Tex.
- O'Connell, J. D., bldg. contr., Duluth, Minn.
- O'Connell, J. P., & Co., masons' & bldrs.' matls., 174 Freeport, Mass.
- O'Connell, Louis, Co., masons' & bldrs.' matls., Tiffin, Ohio.
- O'Connell Lumber Co., Winlock, Wash.
- O'Connell, M., granite & stone producers, etc., 523 W. 40th, New York.
- O'Connell, Martin E., carriages, Terre Haute, Ind.
- O'Connell, Michael, contractor, New London, Conn.
- O'Connell, T. G., architect, 18 Boylston, Boston, Mass.
- O'Connell, Thos., contractor, Fond Du Lac, Wis.
- O'Connell's, D., Sons, masons' & bldrs.' matls., contr., Holyoke, Mass.
- O'Connor Concrete Constr. Co., Stamford, Conn.
- O'Connor & Andrews, contractors, 47 Orange, New Haven, Conn.
- O'Connor, Arthur E., cut glassware, Goshen, N. Y.
- O'Connor Bros., contrs., Syracuse, N. Y.
- O'Connor & Co., Ltd., carriages, 518 Julia, New Orleans, La.
- O'Connor Co., heating contrs., Muskogee, Okla.
- O'Connor, Francis X., contractor, 230 W. 49th, New York.
- O'Connor, J. J., & Co., metal brokers, 1st Natl. Bank Bldg., Pittsburgh, Pa.
- O'Connor, J. P. & J. W., Co., contractors, 1559 Estes av., Chicago, Ill.
- O'Connor, Jas., contractor, Middletown, Conn.
- O'Connor, Jas., landscape archs., Hale Bldg., Philadelphia, Pa.
- O'Connor, Jas. W., architect, 3 W. 29th, New York.
- O'Connor, John, architect, 216½ 6th av., Des Moines, Ia.
- O'Connor, John C., & Son, contractors, Delphi, Ind.
- O'Connor, M., architect, Hudson, N. Y.
- O'Connor, Maurice M., & Son, granite, Pawtucket, R. I.
- O'Connor, Peter, masons' & bldrs.' matls., Bayonne, N. J.
- O'Connor-Schweers Paint Co., Augusta, Ga.
- O'Connor-Walker Cut Stone Co., 200 5th av., New York.
- O'Connor, Wm. F., Co., contractors, 2540 Callowhill, Phila., Pa.
- Oconto Co., lumber mfrs., 80 E. Jackson blvd., Chicago, Ill.
- Oconto Co., packing box mfrs., Oconto, Wis.
- Oetigan Drop Forge Co., horse & mule shoes, 2428 Lowe av., Chicago, Ill.
- O'Day Bros., slate for elec. purposes, billiard tables, etc., Hydeville, Vt.
- O'Day, John, contractor, 90 Miami, Buffalo, N. Y.
- O'Day, P. H., & Son, machsts. & fndrs., 253 South, New York.
- O'Dea, Jno., masons' & bldrs.' matls., Winona, Minn.
- O'Dell Bros., sash, door & blind mfrs., Webster, N. Y.
- Odell & Eddy Co., crates, Chaffee, N. Y.
- Odell & Ennis, ties, Schaal, Ark.
- O'Dell, H. A., architect, Hammond Bldg., Detroit, Mich.
- Odell Hardware Co., Greensboro, N. C.
- Odell, J. H. & C. S., & Co., organs, 409 W. 42d, New York.
- Odell Mfg. Co., sharpening machines, 343 S. Dearborn, Chicago, Ill.
- Odell Mfg. Co., paper & pulp mills, Groveton, N. H.
- O'Dell, O. A., sashes, doors & blinds, Gallipolis, Ohio.
- O'Dell & O'Dell, contractors, 913 Light, Baltimore, Md.
- Odend-Hal-Monks Corp., cornices, Norfolk, Va.
- Odessa Canning Co., Oak Grove, Mo.
- Oddie, H. H., Inc., contractor, 251 4th av., New York.
- Oddy, Hodgson & Son, carriage wheels, Wallingford, Conn.
- Odin Stove Mfg. Co., Erie, Pa.
- Odlen, Herman, iron, Camden, N. J.
- Odium-Taylor Boiler Co., Memphis, Tenn.
- O'Donnell Bros., bldg. contrs., 1215 Clybourn, Milwaukee, Wis.
- O'Donnell Co., contractors, Hartford, Conn.
- O'Donnell Lumber Co., Dunkirk, N. Y.
- O'Donnell Safety System Co., fire doors, Cleveland, Ohio.
- O'Donnell Steam Htg. Co., Evansville, Ind.
- O'Donnell & Thornberry, contractors, Lazarus Bldg., Columbus, Ohio.
- O'Donnell & Wolfe, architects, Sandusky, Ohio.
- Odorless Refrigerator Co., Chattanooga, Tenn.
- O'Dougherty, Francis Co., water tube boilers, 1650½ Fulton, Brooklyn, N. Y.
- Oeden, Carl E., architect, Middletown, Ohio.
- Oehme, C. C., architect, Billings, Mont.
- Oehrle Bros. Co., silk fringes, 427 N. 3d, Philadelphia, Pa.
- Oelman, Curt, machinist, 224 St. Antonio, Detroit, Mich.
- Oelschaeger Bros., pyrometers, 30 E. 23d, New York.
- Oelschlager, Chas. E., architect, Harrison Bldg., Philadelphia, Pa.
- Oemler Oyster Canneries, Savannah, Ga.
- Oenning Glass & Book Co., Quincy, Ill.
- Oesterle Stained Glass Wks., 327 N. 11th, Philadelphia, Pa.
- Oesterlein Machine Co., milling machines, etc., Spring Grove av., Cincinnati, Ohio.
- Oettinger Buggy Co., Greensboro, N. C.
- Oettinger, F. W., Corp., lamps & enclosed fuses, 52 Vanderbilt av., New York.
- O'Fallon, M. J., Supply Co., plumbers' supplies—jobbers, Denver, Colo.
- Ofeldt, F. W., & Sons, machinists, Nyack, N. Y.
- Off, Christian, & Co., cornices, Indianapolis, Ind.
- Offerle & Smith, contractors, Warren, Pa.
- Offerman, Joseph W., architect, 364 Haynes, Atlanta, Ga.
- Office Appliances Magazine, trade publication, 417 S. Dearborn, Chicago, Ill.
- Office Outfitter, trade publication, 445 Plymouth ct., Chicago, Ill.
- Officer, R. H., & Co., assayers, Salt Lake City, Utah.
- Official Mfg. Co., dairy app., La Crosse, Wis.
- Ofstein, A., scrap iron & steel, 2 av B, New York.
- O'Gara & Maguire, contractors, 127 Freylinhuysen av., Newark, N. J.
- Ogborn, J. B., architect, Richmond, Cal.
- Ogburn Canning Co., Dallas, Tex.
- Ogburn, Sam'l D., flour mills, Springfield, Tenn.
- Ogden, C. G., & Co., masons' & bldrs.' matls., Swarthmore, Pa.
- Ogden & Cadmus, masons' & bldrs.' matls., Bloomfield, N. J.
- Ogden, Chas. G., architect, 61 State, Albany, N. Y.
- Ogden & Co., cornices, Warwick, N. Y.
- Ogden, E. F., flour mills, Slaughterville, Ky.
- Ogden, Henry E., & Sons Co., masons' & bldrs.' matls., 428 Clinton, Newark, N. J.
- Ogden, J. Edward, Co., machsts. & fndrs., mill & facty supplies, 147 Cedar, New York.
- Ogden, J. G., machinist, Marysville, Cal.
- Ogden, Jos. R., architect, Atlantic City, N. J.
- Ogden Milling & Elevator Co., flour, Ogden, Utah.
- Ogden Packing & Prov. Co., meat, Ogden, Utah.
- Ogden Paint, Oil & Glass Co., Ogden, Utah.
- Ogden, Palmer H., architect, 105 W. 40th, New York.
- Ogden Portland Cement Co., Ogden, Utah.
- Ogden Pressed Brick & Tile Co., Ogden, Utah.
- Ogden Sewer Pipe & Clay Co., Ogden, Utah.
- Ogden & Wallace, steel struct'l dtrs., 577 Greenwich, New York.
- Ogdensburg Mach. Co., marine engines, Ogdensburg, N. Y.
- Ogeechee Brick Co., Union Point, Ga.
- Ogeechee Fertilizer Works, Mayfield, Ga.
- Ogeechee River Brick Co., Rocky Ford, Ga.
- Ogelthorpe Oil & Fertilizer Co., Athens, Ga.
- Ogg, A., contractor & stone producer, Portsmouth, Va.
- Ogle Const. Co., loco. coaling stations, 332 S. Michigan av., Chicago, Ill.
- Ogle, Geo. A., & Co., maps, 538 S. Clark, Chicago, Ill.
- Oglebay, Norton & Co., pig iron, Wade Bldg., Cleveland, Ohio.
- Oglesby Granite Co., Elberton, Ga.



- Oglesby, W. B., Paper Co., Middletown, Ohio.  
 Oglethorpe Oil & Fertilizer Co., Crawford, Ga.  
 O'Gorman, Thos. F., patterns & models, 114 Centre, New York.  
 Ogren Motor Car Co., 39 S. La Salle, Chicago, Ill.  
 O'Halloran & Jacobs, slate stair treads & risers, Park Bldg., Pittsburgh, Pa.  
 O'Halloran's, Thos., Sons, glass stainers, 276 Halsey, Newark, N. J.  
 O'Hanlon, Thos., & Sons, tubular boilers, Utica, N. Y.  
 O'Hare-Waltham Dial Co., Waltham, Mass.  
 O. H. C. Mfg. Co., hog oilers, Peoria, Ill.  
 O'Hearn, M. J., contractor, Brookline, Mass.  
 O'Hearn, P., contractor, 1464 Dorchester av, Boston, & Lowell, Mass.  
 O'Herron, M., Co., contractors, S. 1st & McKean, Pittsburgh, Pa.  
 O'Herron, M., & Son, contractors, 5706 Vine, Philadelphia, Pa.  
 Ohio Anchor Fence Co., wire fences & gates, Cleveland, Ohio.  
 Ohio Art Glass Co., Youngstown, Ohio.  
 Ohio Blower Co., 5125 Perkins av, N. E., Cleveland, Ohio.  
 Ohio Box Board Co., 1390 E. 30th, Cleveland, Ohio.  
 Ohio Brass Co., car bells, Mansfield, Ohio.  
 Ohio Brick Co., Toledo, Ohio.  
 Ohio Broom & Supply Co., Toledo, Ohio.  
 Ohio Builders' Supply Co., Toledo, Ohio.  
 Ohio Bldg. & Constr. Co., 1434 Main, Cincinnati, Ohio.  
 Ohio Canvas Goods Mfg. Co., Toledo, Ohio.  
 Ohio Carriage Mfg. Co., South High, Columbus, Ohio.  
 Ohio Casket Co., coffins, caskets, etc., Columbus, Ohio.  
 Ohio Cement Co., Lisbon, Ohio.  
 Ohio Ceramic Engng. Co., scale boxes, Berea rd, Cleveland, O.  
 Ohio Chemical Co., Findlay, Ohio.  
 Ohio Chemical & Mfg. Co., 250 Tremont, San Francisco, Cal.  
 Ohio China Co., East Palestine, Ohio.  
 Ohio Clay Co., blocks, brick, Hippodrome Bldg., Cleveland, Ohio.  
 Ohio Clay Products Co., Salineville, Ohio.  
 Ohio Coal & Supply Co., masons' & bldrs.' matls., Columbia Bldg., Cleveland, Ohio.  
 Ohio Corrugating Co., sheet steel products, Warren, Ohio.  
*See adv index at end of book.*  
 Ohio Corr. Culv. Co., Middletown, Ohio.  
 Ohio Cultivator Co., Bellevue, Ohio.  
 Ohio Culvert Pipe Co., Tiffin, Ohio.  
 Ohio Dairy Co., canned goods, Toledo, Ohio.  
 Ohio Duster Co., Cleveland, Ohio.  
 Ohio Elec. Car Co., stor. battery trucks, Auburn & W. Bancroft, Toledo, Ohio.  
 Ohio Elec. Co., machsts. & fndrs., 112 Colonial Arc., Cleveland, Ohio.  
 Ohio Elec. Specialty Mfg. Co., sheet metal & woven wire brushes, Troy, Ohio.  
 Ohio Elec. Wks., Cleveland, Ohio.  
 Ohio Elevator & Machine Co., Jefferson & Curtis, Columbus, O.  
 Ohio Enamel Co., tinware, 1016 B'way, Cleveland, Ohio.  
 Ohio Falls Iron Co., New Albany, Ind.  
 Ohio File Renewing Co., Niles, Ohio.  
 Ohio Filler & Shield Co., compounds, lubrg. oils, paints, etc., 522 City av, Columbus, Ohio.  
 Ohio Fire Brick Co., Oak Hill, Ohio.  
 Ohio Fireproofing Co., Nelsonville, Ohio.  
 Ohio Forge Co., special drop & smooth hammered forgings, Cleveland, Ohio. *See adv index at end of book.*  
 Ohio Foundry Co., E. 71st & Stanton, Cleveland, Ohio.  
 Ohio Foundry & Mfg. Co., Steubenville, Ohio.  
 Ohio Galvanizing & Mfg. Co., cans, etc., Niles, Ohio.  
 Ohio Gas & Elec. Fix. Co., Cincinnati, Ohio.  
 Ohio Gas & Elec. Fixture Mfg. Co., 2183 2d, Cleveland, Ohio.  
 Ohio Gas Meter Co., 912 Soc. for Sav. Bldg., Cleveland, Ohio.  
 Ohio Grease Co., sight feed lubricators, Loudonville, Ohio.  
 Ohio & Ind. Stone Co., Greencastle, Ind.  
 Ohio Injector Co., Wadsworth, Ohio.  
 Ohio Iron & Metal Co., R. R. equipments, 38 S. Dearborn, Chicago, Ill.  
 Ohio Iron & Steel Co., Lowellville, Ohio.  
 Ohio Kiln Co., Vigo, Ohio.  
 Ohio Knife Co., South Side Station, Cincinnati, Ohio.  
 Ohio Lantern Co., 60 Hudson, Tiffin, Ohio.  
 Ohio Locomotive Crane Co. (The), Bucyrus, Ohio.  
*See adv index at end of book.*  
 Ohio Machine & Boiler Co., 1501 University rd, Cleveland, Ohio.  
 Ohio Machine Tool Co., machinists, Kenton, Ohio.  
 Ohio Malleable Iron Co., machsts. & fndrs, 961 N. 4th, Columbus, Ohio.  
 Ohio Mfg. Co., agricultural implements, Upper Sandusky, Ohio.  
 Ohio Mfg. Co., steel shop foundry & truck barrels, annealing pans, tote boxes & factory equipment, Painesville, Ohio.  
*See adv index at end of book.*  
 Ohio Marble Co., Piqua, Ohio.  
 Ohio Match Co., Wadsworth, Ohio.  
 Ohio Mechanics Inst., engng. schools & coll., Cincinnati, Ohio.  
 Ohio Metal Co., smelters & refiners, 1137 N. 4th, Columbus, O.  
 Ohio Metal Products Co., screw mach. products, Dayton, Ohio.  
 Ohio & Mich. Sand & Gravel Co., Toledo, Ohio.  
 Ohio Motor Co., machinists, Sandusky, Ohio.  
 Ohio Northern Univ., engng. schools & coll., Ada, Ohio.  
 Ohio Nov. Mfg. Co., advtg. nov., Massillon, Ohio.  
 Ohio Nut & Bolt Co., Berea, Ohio.  
 Ohio Pail Co., Middlefield, Ohio.  
 Ohio Paint & Stain Co., Findlay, Ohio.  
 Ohio Paper Co., Miamisburg, Ohio.  
 Ohio Pattern Works, 2730 Spring Grove av, Cincinnati, Ohio.  
 Ohio Pipe Co., new & second hand pipe & machinery, Findlay, O.  
 Ohio Plumbers' Supply Co., Toledo, Ohio.  
 Ohio Post Mold Co., 1348 Nicholas blvd., Toledo, Ohio.  
 Ohio Pottery Co., "Ohio" laboratory porcelain, 236 North Third, Columbus, & Zanesville, Ohio.  
 Ohio Provision Co., meat packers, Clark av & Big 4 R. R., Cleveland, Ohio.  
 Ohio Pump & Brass Co., Columbus, Ohio.  
 Ohio Quarries Co., Ohio sandstone, Citizens Bldg., Cleveland, O.  
 Ohio Rake Co., agricultural implements, Albany, Dayton, Ohio.  
 Ohio Realty & Constr. Co., 8 E. Broad, Columbus, Ohio.  
 Ohio Reamer Co., 5333 St. Clair av, Cleveland, Ohio.  
 Ohio River Sand Co., Louisville, Ky.  
 Ohio River Saw Mill Co., lbr. mfrs., Louisville, Ky.  
 Ohio River Sewer Pipe Co., Empire, Ohio.  
 Ohio River Stone Co., Newport, Ky.  
 Ohio Road Machinery Co., Oberlin, Ohio.  
 Ohio Roofing Co., cornices, doors, window frames, Cleveland, O.  
 Ohio Roofing Tool Co., Tiffin, Ohio.  
 Ohio Rubber Co., 725 St. Clair av, N. E., Cleveland, Ohio.  
 Ohio Salt Co., 100 Hudson, New York.  
 Ohio Sandstone Co., 14 S. Dearborn, Chicago, Ill.  
 Ohio Sash & Door Co., 711 Canal rd, N. W., Cleveland, Ohio.  
 Ohio Scrap Iron & Metal Co., Piqua, Ohio.  
 Ohio Scroll & Lumber Co., Covington, Ky.  
 Ohio Seamless Tube Co., Shelby, Ohio.  
 Ohio Seat Co., 1964 Central av, Cincinnati, Ohio.  
 Ohio Sherardizing Co., Whitney Power Blk., Cleveland, Ohio.  
 Ohio Shovel & Stamping Co., Dover, Ohio.  
 Ohio Signal Co., fire alarms, Canton, Ohio.  
 Ohio Silica Co., East Liverpool, Ohio.  
 Ohio Spoke & Bending Co., Botkins, Ohio.  
 Ohio Spring Bed Co., Cleveland, Ohio.  
 Ohio Standard Chemical Co., fertilizer mfrs., Toledo, Ohio.  
 Ohio State Stove Co., Columbus, Ohio.  
 Ohio State Univ., engng. schools & coll., Columbus, Ohio.  
 Ohio Stave Co., Cardington, Ohio.  
 Ohio Steel Foundry Co., Lima, Ohio.  
 Ohio Stove Co., Portsmouth, Ohio.  
 Ohio Tanning Co., patent lthr., Av C, Cincinnati, Ohio.  
 Ohio Tool Co., glaziers, Charleston, W. Va.  
 Ohio Torpedo Co., Steubenville, Ohio.  
 Ohio Tractor Mfg. Co., machsts. & fndrs., Marion, Ohio.  
 Ohio Truss Co., 12 E. 9th, Cincinnati, Ohio.  
 Ohio Valley Canning Co., Charlestown, Ind.  
 Ohio Valley Clay Co., Steubenville, Ohio.  
 Ohio Valley Coffin Co., Lawrenceburg, Ind.  
 Ohio Valley Enameling Co., signs, Huntington, W. Va.  
 Ohio Valley Ice & Storage Co., masons' & bldrs.' matls., Steubenville, Ohio.  
 Ohio Valley Mattress Co., Wheeling, W. Va.  
 Ohio Valley Mill & Supply Co., masons' & bldrs.' matls., Ashland, Ky.  
 Ohio Valley Pulley Works, Marysville, Ky.  
 Ohio Valley Stone Co., Evansville, Ind.  
 Ohio Valley Tie Co., Louisville, Ky.  
 Ohio Valley Wagon Co., Marietta, Ohio.  
 Ohio Varnish Co., 8604 Kinsman, Cleveland, Ohio.  
 Ohio Veneer Co., lbr., 2624 Colerain av, Cincinnati, Ohio.  
 Ohio Wax Paper & Printing Co., Columbus, Ohio.  
 Ohio & Western Lime Co., Huntington, Ind., & Luckey, Ohio.  
 Ohio Wire Goods Co., spring cotters & keys, Akron, Ohio.  
 Ohio Wood Preserving Co., creosoted materials, Commonwealth Bldg., Pittsburgh, Pa.  
 Ohl. Geo. A., & Co., shears, 159 Oraton, Newark, N. J.  
 Ohlemacher Brick Co., Michigan City, Ind.  
 Ohlen, J., & Sons Saw Mfg. Co., 900 Factory, Columbus, Ohio.  
 Ohling Bros. & Everard Co., note book holders, Kalamazoo, Mich.  
 Ohlmacher, C. J., & Co., cornices & skylights, Sycamore, Ill.  
 Ohlsen, John, & Son, contractors, Loup City, Neb.  
 Ohlson, O. F., contractor, 10 Brunswick, Worcester, Mass.  
 Ohman Map Co., 258 Broadway, New York.  
 Ohmart, C., & Son, contractors, Springfield, Ohio.  
 Ohmen Engine Works, 17th & Capp, San Francisco, Cal.  
 Ohmer Fare Register Co., Dayton, Ohio.  
 Ohmer's, M., Sons Co., bank fixtures, Dayton, Ohio.  
 Ohmlac Mfg. Co., cements, compounds, enamels, paints, etc., 140 S. Dearborn, Chicago, Ill.  
 Ohr, F. G., carriages, Monroe, Mich.  
 Ohrenstein, Ernest J., architect, 105 S. Dearborn, Chicago, Ill.  
 Oichman, S., Trunk Co., 29 Howard, New York.  
 Oil City Boiler Works, special steel plate work and machinery, 351 Seneca, Oil City, Pa.  
 Oil City Foundry Co., Oil City, Pa.  
 Oil City Iron Works, Corsicana, Tex.  
 Oil City Woodworking & Mfg. Co., sash, door & blind mfrs., Oil City, Pa.  
 Oil Furnace & Engng. Co., 51 Liberty, New York.  
 Oil & Grease Co., soap, 261 Broadway, New York.  
 Oil, Paint & Drug Reporter, trade publication, 100 William, New York.  
 Oil Products Co., 17 Battery pl, New York.  
 Oil Seeds Co., castor, corn, etc., 358 William, New York.



- Oil & Waste Saving Machine Co., Real Estate Trust Bldg., Philadelphia, Pa.
- Oil Well Supply Co., pump rods, 215 Water, Pittsburgh, Pa.
- O. K. Clutch Machinery Co., clutch & hoist mfrs., Columbia, Pa.
- O. K. Co., poultry supplies, 157 Water, New York.
- O. K. Display Fixture Co., 37 Broome, New York.
- O. K. Mfg. Co., rubber erasers, Woolworth Bldg., New York.
- O. K. Mfg. Co., stationer's specialties, O. C. S. Bk. Bldg., Syracuse, N. Y.
- O. K. Nut Lock Co., Turks Head Bldg., Providence, R. I.
- O. K. Paper Pail Co., Middletown, Ohio.
- O. K. Soap Co., mill soaps, 968 Franklin, Philadelphia, Pa.
- O. K. Stove & Range Co., Louisville, Ky.
- O. K. Tool Holder Co., machsts. & fndrs., Derby, Conn.
- Okadee Co., gauges, 14 E. Jackson blvd., Chicago, Ill.
- Okeberg, Jno. V., architect, Geneseo, Ill.
- O'Keefe, Arthur W., contractor, Plymouth, Ind.
- O'Keefe, Jno. J. contractor, 1 Hague, New York.
- O'Keefe Lumber Co., Plymouth, Ind.
- O'Keefe & Orbison, architects, Appleton, Wis.
- O'Keefe-Orbison Engng. & Consulting Co., paper & pulp mill architects, Appleton, Wis.
- Okeene Milling Co., feed, Okeene, Okla.
- Okel & Cooper, architects, Vandiver Bldg., Montgomery, Ala.
- O'Kelly Brick Co., Ashland, Ky.
- Okerstrom, J. E., architect, Virginia, Minn.
- Okie, F. E., Co., printing inks, 127 S. 2d, Philadelphia, Pa.
- Okie, Francis G., printing inks, 411 Cherry, Phila., Pa.
- Okla. Agricultural & Mech. Coll., Stillwater, Okla.
- Okla. Broom Corn Warehouses, Lincoln, Neb.
- Okla. Carriage Works, Oklahoma, Okla.
- Okla. City Foundry & Machine Co., Oklahoma, Okla.
- Okla. City Hardware Co., Oklahoma, Okla.
- Okla. City Mill & Elevator Co., flour, Oklahoma, Okla.
- Okla. Iron Works, Tulsa, Okla.
- Okla. Mill Co., flour, Kingfisher, Okla.
- Okla. Plaster Co., Alva, Okla.
- Okla. Portland Cement Co., Ada, Okla.
- Okla. Refining Co., petroleum, Oklahoma, Okla.
- Okla. Sash & Door Co., Oklahoma, Okla.
- Okla. Spring Bed Mfg. Co., Oklahoma, Okla.
- Okla. Supply & Nov. Co., sand & gravel, Muskogee, Okla.
- Okonite Co., wire, 501 Fifth av, New York.
- Olathe Packing Co., meat packers, Olathe, Kans.
- O'Laughlin, A. C., Co., stone producers, 133 W. Washington, Chicago, Ill.
- O'Laughlin, John, Stone Co., Racine, Wis.
- Olcott, Chas. A., Planing Mill Co., sash, door & blind mfrs., 3300 N. Broadway, St. Louis, Mo.
- Olcott & Corning, metallurgical engng., 36 Wall, New York.
- Old Berkshire Mills Co., paper & pulp mills, Dalton, Mass.
- Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
- Old Buck Guano Co., fertilizer mfrs., Richmond, Va.
- Old Colony Foundry Co., East Bridgewater, Mass.
- Old Colony Mfg. Co., cotton blankets, flannels, Taunton, Mass.
- Old County Green Soap Co., Winona, Minn.
- Old Dexter Distilling Co., Covington, Ky.
- Old Dominion Dist. Co., Richmond, Va.
- Old Dominion Glass Co., bottles, Alexandria, Va.
- Old Dominion Guano Co., fertilizer mfrs., Atlanta, Ga.
- Old Dominion Iron & Nail Works Co., rolling mill, Belle Isle, Richmond, Va.
- Old Dominion Marine Railway, engines, boilers, etc., Berkley, Va.
- Old Dominion Packing Co., canned goods, Buchanan, Va.
- Old Dominion Soapstone Co., griddles & foot warmers, Esmont, Va.
- Old English Slate Co., Glens Falls, N. Y.
- Old English Slate Quarries**, producers of artistic roofing slate in all colors and slate for landscape gardening, 200 Devonshire, Boston, Mass.
- Old Grand Dad Dist. Co., Louisville, Ky.
- Old Homestead Cannery Co., Fork Union, Va.
- Old Kentucky Dist. Co., Louisville, Ky.
- Old King Cole Papier Mache Co., Canton, Ohio.
- Old Lexington Club Dist. Co., Nicholasville, Ky.
- Old Lowman Distilling Co., Lowman, N. Y.
- Old Mission Portland Cement Co., Mills Bldg., San Francisco, Cal.
- Old Oregon Lumber Co., Seattle, Wash.
- Old Prentice Distillery, McBrayer, Ky.
- Old Reliable Motor Truck Co., 3921 S. Michigan av, Chicago, Ill.
- Old '76 Dist. Co., Newport, Ky.
- Old Spring Dist. Co., 129 W. 3d, Cincinnati, Ohio.
- Old Town Canoe Co., Old Town, Me.
- Old Town Sheet Metal Works, cornices & skylights, Tacoma, Wash.
- Old Town Supply Co., masons' & bldrs.' matls., Oldtown, Me.
- Old Tub Fawler Distillery Co., Falmouth, Ky.
- Old Vincennes Distillery Co., Vincennes, Ind.
- Oldberg Mfg. Co., auto. mufflers, 78 Forest E., Detroit, Mich.
- Olden's, Geoffrey, J., Son, shoe patterns, 82 Gold, New York.
- Older, G. B., architect, Lancaster, Ohio.
- Oldershaw, F. H. & L. A., architect, New Britain, Conn.
- Oldfield, James W., machinist, Laurel, Del.
- Oldham, Geo., & Son Co., pneumatic tools & appliances, 4326 Tackawanna, Frankford, Phila., Pa.
- Oldham, Joshua, & Sons, cork cutters, 112 26th, Brooklyn, N. Y.
- Oldman Boiler Works, 38 Illinois, Buffalo, N. Y.
- Olds, C. L., Construction Co., Fort Wayne, Ind.
- Olds & Hixson, lumber, Vanderbilt, Mich.
- Olds, M. D., lumber, Cheboygan, Mich.
- Olds Motor Works, Lansing, Mich.
- Olds Soap & Chemical Co., 540 W. McCarthy, Indianapolis, Ind.
- Olds & Whipple, fertilizer mfrs., Hartford, Conn.
- Olean Pressed Brick Co., Olean, N. Y.
- O'Leary, Arthur J., & Son Co., iron forgings, etc., 65th & 57th av, Chicago, Ill.
- O'Leary, J. J., Co., contractors, Passaic, N. J.
- O'Leary, John, contractor, 991 E. 167th, New York.
- Oleslager, John B., cornices, Jackson, Mich.
- Oleum Products Co., belt dressing, Scranton, Pa.
- Olewine, Wm., & Son, mine hames, Hazelton, Pa.
- Oloff-McCormick Brick Co. (Ltd.), Shreveport, La.
- Olin Gas Engine Co., machsts., Buffalo, N. Y.
- Oline Lumber Co., Warren, Ind.
- Olive, F. W., machsts., 1007 Marion, St. Louis, Mo.
- Olive Milling Co., flour, Olive, Cal.
- Olive & Myers Mfg. Co., mattresses, Dallas, Tex.
- Olive Stove Works, Rochester, Pa.
- Oliver, A. C., lumber, Frozard, La.
- Oliver, A. F., Gear & Mach. Co., 60 Cherry, Buffalo, N. Y.
- Oliver Bros., whol. hdwe., 71 Murray, New York.
- Oliver Chilled Plow Works, South Bend, Ind.
- Oliver & Co., granite producers, Barre, Vt.
- Oliver Continuous Filter Co., thickeners, 503 Market, San Francisco, Cal.
- Oliver Cotton Oil Mills, Ginnery & Fertilizer Works, Shellman, Ga.
- Oliver, E. J., & A. W., contractors, Chester, Pa.
- Oliver, Edwin L., engineer, 503 Market, San Francisco, Cal.
- Oliver Elec. & Mach. Co., Birmingham, Ala.
- Oliver Elec. & Mfg. Co., battery connectors, armature, coils, machy., etc., 2221 Lucas, St. Louis, Mo.
- Oliver, Geo. D., architect, 9 Dewey av, Watertown, N. Y.
- Oliver, Horace T., contractors, 328 South av, Rochester, N. Y.
- Oliver & Howland Co., mill & facty. supplies, Springfield, Mass.
- Oliver Iron Mining Co., Wolvin Bldg., Duluth, Minn.
- Oliver Iron & Steel Co., pole rings, guy anchors, S. 10th & Muriel, Pittsburgh, Pa.
- Oliver, J. H., & Co., contrs., tools & supplies, 1414 S. Penn sq., Philadelphia, Pa.
- Oliver, Jos. B., brick, Danville, Me.
- Oliver Lumber Co., Hastings, Neb.
- Oliver Machinery Co., woodworking machines and machine tools — Coldbrook & Clancy, N. E., Grand Rapids, Mich.
- Oliver Mfg. Co., jacks, wrenches, etc., 326 S. Desplaines, Chicago, Ill.
- Oliver, Ralph H., architect, 234 S. La Salle, Chicago, Ill.
- Oliver Silica Sand Co., Massillon, Ohio.
- Oliver, Thos., contractor, Chester, Pa.
- Oliver, Thos. (Est. of), masons' & bldrs.' matls., Rochester, N. Y.
- Oliver Typewriter Co., machsts. & fndrs., 159 N. Dearborn, Chicago, Ill.
- Oliver, W. E., canned goods, Bynum, Md.
- Oliver, W. J., Mfg. Co., contractors, Knoxville, Tenn.
- Oliver, W. W., Mfg. Co., machsts., 1483 Niagara, Buffalo, N. Y.
- Oliver, Wilbur C., Galvanizing Works, Bath, Me.
- Oliver, Wm. J., Mfg. Co., flat cars & plows, Knoxville, Tenn.
- Oliver & Williams, steel rings, 39 Pitts, Boston, Mass.
- Olivia Canning, Preserving & Mfg. Co., Olivia, Minn.
- Olivolet Chemical Co., 275 Post, San Francisco, Cal.
- Olley, Geo., masons' & bldrs.' matls., Racine, Wis.
- Ollie & McKean Lumber Co., North Tonawanda, N. Y.
- Ollinger & Bruce Dry Dock Co., Mobile, Ala.
- Ollinger, Harry W., machinist & founder, Mobile, Ala.
- Olman & Rothstein, arch'l & orna'l iron, 633 Concord av, New York.
- Olmo, Frank, cornices & skylights, 3460 Mission, San Francisco, Cal.
- Olmstead, A. E., machinist & founder, Orwell, N. Y.
- Olmstead Bros., architects, Brookline, Mass.
- Olmstead, Fernando C., contractor, Danbury, Conn.
- Olmstead-Flint Co., belting mfrs., 32 Water, Lawrence, Mass.
- Olmstead-Thomson Mfg. Co., plumbers' wood work, New Britain, Conn.
- Olmstead & Tuttle Co., calking cotton, mattresses, etc., Chicopee, Mass.
- Olmstead, W. H., Mfg. Co., insulators, 526 Townsend av, Detroit, Mich.
- Olmsted, H. R., & Son, harness, saddles & strap work mfrs., Syracuse, N. Y.
- Olmsted's, L. H., Son, machsts., Hasbrouck Heights, N. J.
- Olney, B., Canning Co., Oneida, N. Y.
- Olney & Floyd, canned goods, Westerville, N. Y.
- Olney, G. W., Woolen Co., Cherry Valley, Mass.
- Olney Milling Co., flour, Olney, Ill.
- Olney Paving Brick & Tile Mfg. Co., Olney, Ill.
- Olney & Payne Bros., masons' & bldrs.' matls., Pawtucket, R. I.
- Olney & Warrin, mill & facty. supplies, 406 Broome, New York.
- Olneyville Hay & Grain Co., masons' & bldrs.' matls., 25 Manton av, Providence, R. I.
- O'Loughlin, James, contractor, Hartford, Conn.



- Olphert, Geo. H., Jr., architect, Proctor Bldg., Mount Vernon, N. Y.
- Olschner, C. E., architect, Commercial Nat. Bk. Bldg., Shreveport, La.
- Olsen, Andrew, machst. & fndr., 39 Union, Brooklyn, N. Y.
- Olsen, C. H., contractor, Stillwater, Minn.
- Olsen & Lesh, contractors, Exchange Bldg., Memphis, Tenn.
- Olsen, O. C. S., Co., desk mfrs., 2511 Moffat, Chicago, Ill.
- Olsen, O. Herman, contractor, 1558 Crotona Park E., New York.
- Olsen, P. M., architect, Sellwood Bldg., Duluth, Minn.
- Olsen, Paul F., architect, 110 S. Dearborn, Chicago, Ill.
- Olsen, Peter S., & Co., heating contrs., 154 W. Randolph, Chicago, Ill.
- Olsen & Tilgner Mfg. Co., machsts., 2280 Elston av., Chicago, Ill.
- Olsen, Tinius, Testing Machine Co., machinery mfrs., 500 W. 12th, Philadelphia, Pa.
- Olson, A. J., & Co., furnaces, 217 W. Lake, Chicago, Ill.
- Olson & Bergquist, contractors, Isheming, Mich.
- Olson-Boettger Elec. Mfg. Co., 202 W. 3d, St. Paul, Minn.
- Olson Broom Co., Sterling, Kans.
- Olson Bros., cornices & skylights, Omaha, Neb.
- Olson Bros., contractors, 6200 Evans av., Chicago, Ill.
- Olson, Charles T., architect, Brockton, Mass.
- Olson Construction Co., Lincoln, Neb.
- Olson & Detlie Carriage Co., Sioux Falls, S. D.
- Olson, F. M., Engng. Co., 5477 W. Madison, Chicago, Ill.
- Olson, J. H., contractor, 4012 S. State, Chicago, Ill., & Willmar, Minn.
- Olson, John, contractor, Danville, Ill.
- Olson, John, fullers earth, Benton, Ark.
- Olson & Johnson, contractors, Missoula, Mont.
- Olson-Klopf Welding & Cutting Co., antogenous, Seattle, Wash.
- Olson & Mahoney Lumber Co., 5th & Channell, San Francisco, Cal.
- Olson Mfg. Co., feed & litter carriers, hay tools, Albert Lea, Minn.
- Olson Mfg. Co., screw machine products, Worcester, Mass.
- Olson & Nelson Cut Stone Co., 3401 S. La Salle, Chicago, Ill.
- Olson, O. C., agricultural implements, Waupin, Wis.
- Olsen, O. L., arch'l iron, 203 Diamond, Brooklyn, N. Y.
- Olson, Peter T., contractor, Galesburg, Ill.
- Olson-Schmidt Constr. Co., St. Joseph, Mo.
- Oltman, L. P., contractor, Grand Rapids, Mich.
- Oltman, Schmidt & Co., machsts., Peoria, Ill.
- Oltmer Iron Works, machsts. & fndrs., Hoboken, N. J.
- Olvan, Wm. J., steam & hot water heating contr., 177 Christopher, New York.
- Olympia Door Co., lumber, Olympia, Wash.
- Olympia Games Co., toys, games & Nov., 126 S. Clinton, Chicago, Ill.
- Olympia Hardware Co., cornices & skylights, Olympia, Wash.
- Olympia Knitting Mills, sweaters, cardigans, etc., 15 Mercer, New York.
- Olympian Knit Goods Co., sweaters, cardigans, etc., New Hartford, N. Y.
- Olympian Motors Co., Pontiac, Mich.
- Olympic Foundry Co., Seattle, Wash.
- Olympic Portland Cement Co., Ltd., Seattle, Wash.
- Olyphant Foundry Co., Olyphant, Pa.
- Olyphant Silk Co., silk fringes, Olyphant, Pa.
- Omaha Alfalfa Milling Co., meal, Omaha, Neb.
- Omaha Box Co., Omaha, Neb.
- Omaha Brick & Tile Co., Omaha, Neb.
- Omaha Canning Co., Omaha, Ill.
- Omaha Carriage Top Co., Omaha, Neb.
- Omaha Clay Works, Omaha, Neb.
- Omaha Cooperage Co., Omaha, Neb.
- Omaha Cotton Oil Co., meal, Omaha, Tex.
- Omaha Electrical Works, Omaha, Neb.
- Omaha Fibre & Corrugated Box Co., Omaha, Neb.
- Omaha Fixture & Supply Co., Omaha, Neb.
- Omaha Folding Machine Co., Omaha, Neb.
- Omaha Foundry Co., Omaha, Neb.
- Omaha General Iron Works, Omaha, Neb.
- Omaha Hardwood Lumber Co., Omaha, Neb.
- Omaha Iron Store Co., Omaha, Neb.
- Omaha Leather Novelty Co., Omaha, Neb.
- Omaha Machine Works, Omaha, Neb.
- Omaha Metal & Rubber Co., Omaha, Neb.
- Omaha Optical Co., Omaha, Neb.
- Omaha Packing Co., meat, Halsted & Lumber, Chicago, Ill.
- Omaha Planing Mill Co., sashes, doors & blinds, Omaha, Neb.
- Omaha Reed & Rattan Co., Omaha, Neb.
- Omaha Safe & Iron Works, Omaha, Neb.
- Omaha Sanitary Supply Co., steam fitters' & plumbers' supplies, jobbers, Omaha, Neb.
- Omaha Steel Ceiling Co., Omaha, Neb.
- Omaha Stove Repair Works, Omaha, Neb.
- Omaha Structural Steel Works, Omaha, Neb.
- Omaha Trunk Factory, Omaha, Neb.
- Omaha Wood Working Co., Omaha, Neb.
- O'Mahoney, M., masons' & bldrs.' matls., Lawrence, Mass.
- Omak Lumber Co., Omak, Wash.
- O'Malley-Beare Valve Co., Ry. Exchange Bldg., Chicago, Ill.
- O'Malley, Jno. F., architect, 75 Westminster, Providence, R. I.
- O'Malley, Peter J., contractor, Waltham, Mass.
- Oman Bowling Green Stone Co., Bowling Green, Ky.
- O'Mara Bros. Brick Co., Terre Haute, Ind.
- O'Mara Heating Co., Victoria Bldg., St. Louis, Mo.
- O'Meara Bros., paint, Hillsdale, Mich.
- O'Meara Constr. Co., 253 S. Quince, Philadelphia, Pa.
- O'Meara, J. (Inc.), valve mfr., etc., 2 Lispenard, New York.
- O'Meara, Maurice, Co., rubber roofing, 448 Pearl, New York.
- O'Mella, J. H., Lumber Co., Rhinelander, Wis.
- Omo Mfg. Co., rubber goods, Middletown, Conn.
- Omohudro Bros. Lumber Co., Griffin, Fla.
- Omohundro, T. E., canned goods, Farmers Fork, Va.
- Omolite Co., light controlling devices, Jamestown, N. Y.
- Omslaer Co., contractors, 211 E. Robinson, N. S., Pittsburgh, Pa.
- Omstead, O. J., turpentine, Millcreek, Fla.
- Onalaska Pickle & Canning Co., Onalaska, Wis.
- Onderdonk, C. B., architect, Pocatello, Idaho.
- One Minute Mfg. Co., machsts. & fndrs., Newton, Ia.
- One Minute Washer Co., El Reno, Okla., & Sandusky, Ohio.
- One Piece Chaplet Works, 3327 Ludlow, Phila., Pa.
- O'Neal, C. L., lime mfrs., Eureka, Ala.
- O'Neal-Gowen Lumber Co., Everett, Wash.
- O'Neal, Wm. G., Co., culverts—road, Crawfordville, Ind.
- Oneida Chain Co., Oneida, N. Y.
- Oneida Community (Ltd.), table silverware, Kenwood, N. Y.
- Oneida Community, Ltd., canned goods, Oneida, N. Y.
- Oneida County Canning Co., Ltd., Verona, N. Y.
- Oneida Lime Co. (Ltd.), Buffalo, N. Y.
- Oneida National Chuck Co., Oneida, N. Y.
- Oneida Wood Pulley Co., Oneida, N. Y.
- O'Neil Bros., cotton waste, Oxford & Howard, Philadelphia, Pa.
- O'Neil, Francis A., architect, 108 Fulton, New York.
- O'Neil, Geo. F., contractor, Binghamton, N. Y.
- O'Neil, H. C., brick, Montowese, Conn.
- O'Neil, Jas., carriages, Binghamton, N. Y.
- O'Neil, Jas., contractor, Binghamton, N. Y.
- O'Neil, Jerry, stone, F. & Wyoming, Philadelphia, Pa.
- O'Neil, John P., contractor, Faribault, Minn.
- O'Neil Lbr. Co., Kings Highway & Manchester av., St. Louis, Mo.
- O'Neil, M. J., mill & facty. supplies, Henderson, N. C.
- O'Neil, Mich. F., sash, door & blind mfrs., Walton & Cheever pl., New York.
- O'Neil Oil & Paint Co., 297 E. Water, Milwaukee, Wis.
- O'Neil, T. L., portable grain elevator, disc harrows, street flushing machines, Marseilles, Ill.
- O'Neil Tire & Protector Co., Akron, Ohio.
- O'Neil Tire & Rubber Co., Akron, Ohio.
- O'Neil, W. H., & Co., lumber, Dallas, Tex.
- O'Neil, W. J., Co., wholesale hardware, Fresno, Cal.
- O'Neil, Wm. F., contractor, Hartford, Conn.
- O'Neil, Wm., & Son Co., contractors, Faribault, Minn.
- O'Neill, Edward C., contractor, Montclair, N. J.
- O'Neill Elevator Co., 628 Cherry, Philadelphia, Pa.
- O'Neill, J. J., Co., contractors, Holyoke, Mass.
- O'Neill Lumber Co., Jersey av., Jersey City, N. J.
- O'Neill Mfg. Co., masons' & bldrs.' matls., Rome, Ga.
- O'Neill, Maurice R., contractor, 143 Dyer, Providence, R. I.
- O'Neill, Michael, archl. iron, 1531 Filbert, Philadelphia, Pa.
- O'Neill & O'Neill, belt buckles, 82 Union, Newark, N. J.
- O'Neill Stone Co., Conshohocken, Pa.
- O'Neill, Wm. A., masons' & bldrs.' matls., Lima, N. Y.
- Onen Hardware Co., Dowagiac, Mich.
- Oneonta Oil & Fertilizer Co., Oneonta, Ala.
- Onken, Oscar, & Co., window display fixtures, 4th & Park, Cincinnati, Ohio.
- Onondaga Bed Mfg. Co., mattresses, Syracuse, N. Y.
- Onondaga Brass Co., machinists, Syracuse, N. Y.
- Onondaga Coarse Salt Association, Syracuse, N. Y.
- Onondaga Indian Wigwam Co., Syracuse, N. Y.
- Onondaga Litholite Co., artificial bldg. stone, Syracuse, N. Y.
- Onondaga Paper Co., Marcellus Falls, N. Y.
- Onondaga Pottery Co., Syracuse, N. Y.
- Onondaga Storage Battery Co., Syracuse, N. Y.
- Onondaga Vitrified Brick Co., Syracuse, N. Y.
- Onoto Pen & Red Dwarf Repairing Co., 68 Barclay, New York.
- Onstine, A., lumber, Echo, Wash.
- Ontalaunee Slate Mfg. Co., Lynnpport, Pa.
- Ontario Coal Co., masons' & bldrs.' matls., Geneva, N. Y.
- Ontario Drill Co., Rochester, N. Y.
- Ontario Knife Co., Franklinville, N. Y.
- Ontario Mfg. Co., machinists, Ontario, Cal.
- Ontario Tale Co., Gouverneur, N. Y.
- Ontario Thread Co., 17 Waverly pl., New York.
- Onward Mfg. Co., commutator compounds, Menasha, Wis.
- Onyx Button Works, 24 E. 21st, New York.
- Onyx Oil & Chemical Co., Jersey City, N. J.
- Oostburg Canning Co., Oostburg, Wis.
- Opal Chemical Co., bronzing liquids, Kenilworth, N. J.
- Opal Sign Co., 254 10th av., New York.
- Opalite Tile Co., Monaca, Pa.
- Opalux Co., shades & reflectors, 71 W. 23d, New York.
- Opdenweger-Alcus Cypress Co., Sorrento, La.
- Opdenweger-George Lumber Co., Perdido & Lopez, New Orleans, La.
- Opdike, F. W., architect, Bisbee Bldg., Jacksonville, Fla.
- Opelika Oil Mill Corp., fertilizer mfrs., Opelika, Ala.
- Open Coil Heater & Purifier Co., Indianapolis, Ind.
- Openberg Iron Works Co., steel tanks, Sheboygan, Wis.
- Operative Miller, trade publications, 721 S. Wood, Chicago, Ill.
- Operator's Piano Co., 1911 Clybourn av., Chicago, Ill.
- Opie Brush Co., Kansas City, Mo.



Opit, John, & Co., stone producers, Oak Park, Ill.  
 Oplinger, G. T., architect, Slatington, Pa.  
 Oppel, Rudolph, cornices & skylights, 230 E. 22d, New York.  
 Oppenheimer & Co., second hand bags, Buffalo, N. Y.  
 Oppenheimer, J., & Co., scrap brass, copper, iron & steel, 81 Fulton, New York.  
 Oppenheimer, S., & Co., sausage making machines, 2700 S. Wabash av., Chicago, Ill.  
 Opperman, C. B., architect, Webster Groves, Mo.  
 Optenberg Iron Works, Sheboygan, Wis.  
 Optical Journal & Review, trade publication, 11 John, New York.  
 Optical Lens Co., lenses, Southbridge, Mass.  
 Optical Specialty Mfg. Co., optical goods, Southbridge, Mass.  
 Optigraph Co., moving picture machines, 564 W. Randolph, Chicago, Ill.  
 O'Quinn, W. J., & Sons, turpentine, Odum, Ga.  
 O'Quinn-William Lumber Co., Ltd., Natchitoches, La.  
 Oram, Jas. C., & Co., stencils, 100 W. South Water, Chicago, Ill.  
 Oram, Jno. S., Co., machinery, pumps, steamers, knives, etc., Cleveland, Ohio.  
 Orange Carriage Co., Orange, N. J.  
 Orange Cotton Mills, rope, twine, Orangeburg, S. C.  
 Orange Hardware Co., Orange, Mass.  
 Orange Iron Works, Orange, Tex.  
 Orange Mch. & Mfg. Co., Orange, N. J.  
 Orange Mfg. Co., metal buttons, 178 Emmette, Newark, N. J.  
 Orange Rice Mill Co., Orange, Tex.  
 Orangeburg Fertz. Co., Orangeburg, S. C.  
 Orangeburg Mfg. Co., cotton sheetings, Orangeburg, S. C.  
 Orbon Stove & Range Co., Belleville, Ill.  
 Orcas Lime Co., Deer Harbor, Wash.  
 Orchard Mch. Mfg. Co., traction engines, Gasport, N. Y.  
 Orchard, Wm. H., architect, 9 E. 40th, New York.  
 Orcutt, B. L., & Sons, butter tubs, Dickinson Center, N. Y.  
 Orcutt Pipe Hanger Co., Toledo, Ohio.  
 Ord Milling Co., flour, Ord, Neb.  
 Ore. Boiler Works, tubular, Seattle, Wash.  
 Ore. Brass Works, Portland, Ore.  
 Ore. Canning Co., Oregon, Mo.  
 Ore. City Foundry, Ore. City, Ore.  
 Ore. City Mfg. Co., blankets, robes, Ore. City, Ore.  
 Ore. Fisheries Co., canners, Bay City, Ore.  
 Ore. Iron & Steel Co., Portland, Ore.  
 Ore. Lumber Co., Baker, Ore., & Denver, Colo.  
 Ore. Packing Co., canned goods, Portland, Ore.  
 Ore. Portland Cement Co., Oswego, Ore.  
 Ore. Sheet Metal Works, Portland, Ore.  
 Ore. Short Line R. R., mchsts. & fndrs., Salt Lake City, Utah.  
 Ore. State Agricultural Coll., Corvallis, Ore.  
 Ore.-Washington Lumber & Mfg. Co., Seattle, Wash.  
 Ore. Woodenware Mfg. Co., Portland, Ore.  
 Oregon Bridge Co., Lebanon, O.  
 O'Reilly Contr. Co., 90 Neptune av., Jersey City, N. J.  
 O'Reilly Lumber Co., Main & Chambers, St. Louis, Mo.  
 O'Reilly, M. J., natural gas burners, 217 Franklin, Buffalo, N. Y.  
 Orenstein, Arthur Koppel, Co., New York, Chicago, Koppel, Pa.; Pittsburgh, San Francisco. *See adv index at end of book.*  
 Orestes Drain Tile Co., Orestes, Ind.  
 Orford Soap Co., 17 Battery pl., New York.  
 Organ Power Co., blowers, 620 Capitol av., Hartford, Conn.  
 Organ & Stohr, contractors, Everett, Wash.  
 Organic Products Corp., betha naphtol, Schenectady, N. Y.  
 Orgill Bros. & Co., wholesale hardware, Memphis, Tenn.  
 Orgler Envelope Co., 66 Duane, New York.  
 Oriel Cabinet Co., Grand Rapids, Mich.  
 Oriel Glass Co., 722 Chestnut, St. Louis, Mo.  
 Orient Coke Co., Uniontown, Pa.  
 Orient Milling Co., flour, Chillicothe, Tex.  
 Oriental Emery Co., New Haven, Conn.  
 Oriental Glass Co., 800 Sarah, Pittsburgh, Pa.  
 Oriental Rouge Co., buffing compositions & metal polish, Bridgeport, Conn.  
 Oriental Textile mills, burlap, Houston, Tex.  
 Oriental Varnish Wks., 979 Franklin av., Brooklyn, N. Y.  
 Original Gas Engine Co., Lansing, Mich.  
 Original Mfg. Co., toys, games, etc., Greenville, Mich.  
 Originator Mfg. Co., coffee & peanut roasters, 302 B'way, New York.  
 O'Riorden, P., contractor, 6 City sq., Boston, Mass.  
 Oriskany Malleable Iron Co. (Ltd.), fndrs., Oriskany, N. Y.  
 Orleans Bobbin Works, Newport, Vt.  
 Orleans County Canning Co., Barre Center, N. Y.  
 Orleans County Quarry Co., stone producers, Albion, N. Y.  
 Orleans Felt Mattress Works, 512 Conti, New Orleans, La.  
 Orleans Mfg. Co., coffins, New Orleans, La.  
 Orleans Metal Bed Co. (Ltd.), 518 City Park, New Orleans, La.  
 Orleans Sand Stone Co., 438 S. Salina, Syracuse, & Holley, N. Y.  
 Orlopp, H. A., architect, 107 Texas, El Paso, Tex.  
 Orman Lumber Co., Lancaster, O.  
 Orman-Partee Saddlery Co., Nashville, Tenn.  
 Orme-McMahon-Thompson Co., masons' & bldrs.' matls., Cambridge, Ohio.  
 Orme's, Hy., Sons, mchsts & fndrs., St. Paul, Minn.  
 Ormsby, E. A., & Sons, ventilating apparatus, Melrose Sta., Boston, Mass.  
 Ornamental Art Metal Works, 50 Church, New York.  
 Ornamental Iron & Bronze Co., mchsts. & fndrs., 10611 Quincy, Cleveland, Ohio.

Ornamental Iron & Wire Works, Detroit, Mich.  
 Ornamental Iron Works Co., Akron, Ohio.  
 Ornamental Lighting Pole Co., 114 Liberty, New York.  
 Ornamental Products Co., classic wood carvers, Detroit, Mich.  
 Ornamental Wire & Iron Co., Elliott & University, St. Louis, Mo.  
 Ornamental Woodworking Co., mantels, Springfield, Mass.  
 Orndorff & Chaney, flour mills, Adairsville, Ky.  
 Orndorff, M. M., lime mfrs., Oranda, Va.  
 Orndorff, O. F., agricultural implements, Council Bluffs, Ia.  
 Orne & Lawrence, contractors, 39 Court, Boston, Mass.  
 Orner, J. W., contractor, Altoona, Pa.  
 Oro Grande Lime & Stone Co. Works, Halleck, Cal.  
 Orofino Portland Cement Co., Spokane, Wash.  
 Orona Mfg. Co., metal polish, hand soap, 224 Milk, Boston, Mass.  
 Oronogo Machy. Co., Oronogo, Mo.  
 O'Rourke Bros., stone, Salem, Mass.  
 O'Rourke Engineering Constr. Co., 17 Battery pl., New York, & Weehawken, N. J.  
 O'Rourke, J. P., heating contractors, Prosser, Wash.  
 O'Rourke, Jeremiah, & Sons, architects, Essex Bldg., Newark, N. J.  
 O'Rourke, John, contractor, White Plains, N. Y.  
 O'Rourke, John H., Co., contractors, 264 39th, Brooklyn, N. Y.  
 Oroville Dredging, Ltd., 165 B'way, New York.  
 Orpin Bros., desk mfrs., Charlestown, Boston, Mass.  
 Orr & Booth, architects, Meriden, Conn.  
 Orr Bros. Supply Co., mill & facty. supplies, Cedar Rapids, Ia.  
 Orr, C. F., & Co., uniforms, 209 S. State, Chicago, Ill.  
 Orr Cotton Mills, sheetings, Anderson, S. C.  
 Orr Felt & Blanket Co., Piqua, Ohio.  
 Orr, Fred J., architect, Athens, Ga.  
 Orr, Galen & Co., hardware manufacturers, Needham, Mass.  
 Orr, Hugh, architect, 88 Broad, Boston, Mass.  
 Orr Iron Co., who. hdwe., mill & facty. supplies, etc., Evansville, Ind.  
 Orr, J. C., & Co., sash, door, lbr., etc., mfrs., West & Java, Brooklyn, N. Y.  
 Orr, Jas. W., contractor, 6618 Torresdale av., Philadelphia, Pa.  
 Orr & Jennings, machsts., Portland, Me.  
 Orr, Jno. F., architect, Cambridge, O.  
 Orr, Robt. H., architect, Van Nuys Bldg., Los Angeles, Cal.  
 Orr & Sembower, engines & boiler mfrs., Reading, Pa.  
 Orr, Ulysses G., architect, 32 Builders' Exchange, Buffalo, N. Y.  
 Orr, Wm. L., packing box mfr., 1609 S. 19th, Philadelphia, Pa.  
 Orrock Carriage Co., Denver, Colo.  
 Orrtanna Canning Co., Orrtanna, Pa.  
 Orrville Bedding Co., Orrville, O.  
 Orrville Milling Co., Orrville, O.  
 Orswell Igniter Co., 95 Milk, Boston, Mass.  
 Ort & Lang, wagon spokes, Vanceburg, Ky.  
 Ortega, E. C., canned goods, 602 Santa Fe av., Los Angeles, Cal.  
 Orth, Adam J., Co., cornices, 170 Hastings, Detroit, Mich.  
 Orth, Frank, contractor, Indiana Harbor, Ind.  
 Orth, Geo. S., & Bros., architects, Farmers Bank Bldg., Pittsburgh, Pa.  
 Ortil, Chas. F., cornices & skylights, 2510 Barber av., S. W., Cleveland, Ohio.  
 Ortman, F. A., common brick, Cullum, Ill.  
 Ortman, F. C., stone producers, 1099 Wabash, Detroit, Mich.  
 Ortmann, A., & Son, advtg. nov. & spec., 2340 3d av., New York.  
 Ortmayer, A., & Son, collars, 165 W. Illinois, Chicago, Ill.  
 Ortner, Geo. J., mach. & fndr., Pueblo, Colo.  
 Ortner, Jno. E., & Co., silver nov., 481 Washington, Newark, N. J.  
 Ortner, Jos. J., dumb waiters, 481 Washington, Newark, N. J.  
 Orton Machine Co., 315 Fremont, San Francisco, Cal.  
 Orton & Steinbrenner Co., mchsts., 610 S. Dearborn, Chicago, Ill.  
 Orum, Morris L., machinist, 503 N. 11th, Philadelphia, Pa.  
 Orvis, Chas. F., fishing bait, reels & rods, Manchester, Vt.  
 Orwiler, Sherman, lumber, Wattsville, Ohio.  
 Orwiler & Armstrong, sashes, doors & blinds, Nevada, Ohio.  
 Osada Sheet Metal & Wood Works, closet seats, 1422 S. Front, Philadelphia, Pa.  
 Osage Mfg. Co., cotton sheetings, Bessemer City, N. C.  
 Osakis Milling Co., flour, Osakis, Minn.  
 Osborn, C. D., Co., leather gloves, 2201 Wabansia av., Chicago, Ill.  
 Osborn, C. J., Co., color mfrs. & imprtrs., 132 Nassau, New York.  
 Osborn-Crew Mfg. Co., cleaners, dressers, Cleveland, Ohio.  
 Osborn Engineering Co., Engineers' Bldg., Cleveland, Ohio.  
 Osborn, F. C., mchst. & fndr., 64 Lawrence av., Detroit, Mich.  
 Osborn, H. A., canned goods, Havre de Grace, Md.  
 Osborn, Harris, architect, Hearst Bldg., San Francisco, Cal.  
 Osborn, J. F., Sons, machinery dealers, Clarksburg, W. Va.  
 Osborn, J. H., Lumber Co., Humboldt, Kans.  
 Osborn, J. K., Mfg. Co., brass fndrs., Harrison, N. J.  
 Osborn, J. M. & L. A., Co., maple sugar, reducers, registers, Cleveland, Ohio.  
 Osborn Lumber Co., Osborn, Ohio.  
 Osborn Machine Co., Dubois, Pa.  
 Osborn Mfg. Co., animal cages, 675 Hudson, New York.  
 Osborn Mfg. Co., foundry supplies, brushes, etc., 5405 E. Hamilton, Cleveland, Ohio.  
 Osborn Paper Co., pads & tablets, Marion, Ind.  
 Osborn & Son, masons' & bldrs.' matls., Monticello, N. Y.  
 Osborn, W. B., Machy. Co., Clarksburg, W. Va.



- Osborn, W. H., Co., canned goods, Honeoye Falls, N. Y.  
 Osborn, W. W., & Son, contrs., Mariners Harbor, N. Y.  
 Osborn & Whitney, canned goods, Rush, N. Y.  
 Osborne, A. C., masons' & bldrs.' matls., Danbury, Conn.  
 Osborne, C. S., Co., harness makers' tools, presses, etc., Harrison, N. J.  
 Osborne & Clark, flooring, 300 Lbr. Ex., Minneapolis, Minn.  
 Osborne Co., advtg. nov. & spec., 759 Summer av, Newark, N. J.  
 Osborne, Edwin, contractor, Franklin, Pa.  
 Osborne & Flinkers, sash, door & blind, 10217 Berea rd, N. W., Cleveland, Ohio.  
 Osborne, Geo. H., brass castings, New Britain, Conn.  
 Osborne, Hy. G., electricians' drills & bits, 157 Chambers, New York.  
 Osborne, John, & Son, contractors, Franklin, Pa.  
 Osborne, M. W., contractor, Dubois, Pa.  
 Osborne & Marsellis Co., contractors, Montclair, N. J.  
 Osborne & Sexton Machinery Co., 4th & Russell, Columbus, Ohio.  
 Osborne & Stephenson Mfg. Co., screw mach. products, Plainville, Conn.  
 Osborne, W., & Co., tacks, Lakeville, Mass.  
 Osborne, Wm., sweaters, etc., 1118 W. Montgomery av, Philadelphia, Pa.  
 Osborne, William L., common brick, Leominster, Mass.  
 Osborn's, J. F., Sons, machsts. & fndrs., Clarksburg, W. Va.  
 Osburn, Millard P., & Co., architects, 34 S. 17th, Phila., Pa.  
 Osceola Cotton Oil Co., Osceola, Ark.  
 Osceola Fertilizer Co., Jacksonville, Fla.  
 Osceola Silica & Fire Brick Co., Osceola Mills, Pa.  
 Osceola Turpentine Co., Branford, Fla.  
 Oschwald Brick Wks., Cliffwood, N. J.  
 Oschwald Bros., contractors, 845 Broad, Newark, N. J.  
 Osco Machine Co., printers' & engravers' tools, mfrs., 185 Franklin, Boston, Mass.  
 Oser Bros., architects, 165 Post, San Francisco, Cal.  
 Osgood & Blodgett Mfg. Co., interior finish mfrs., Duluth av & E. 7th, St. Paul, Minn.  
 Osgood Co., steam shovels, dredging machy., etc., Marion, Ohio.  
 Osgood Construction Co., Nashua, N. H.  
 Osgood, David J., Co., contractors, 220 W. Elizabeth, Detroit, Mich.  
 Osgood, E. B., masons' & bldrs.' matls., Claremont, N. H.  
 Osgood, H. H., & Co., weather strips, 4 Washington, N., Boston, Mass.  
 Osgood, Isaac, spiral oil grooving machs., Amesbury, Mass.  
 Osgood, J. L., machinery dealer, 45 Pearl, Buffalo, N. Y.  
 Osgood, J. L., Lubricator Co., hose connections, etc., Buffalo, N. Y.  
 Osgood, J. L., Tool Co., Buffalo, N. Y.  
 Osgood Lime Stone Co., Osgood, Ind.  
 Osgood & Osgood, architects, New Herald Bldg., Grand Rapids, Mich.  
 O'Shea, A. J., architect, Fargo, N. D.  
 O'Shea, W. L. & G. H., contractors, 29 B'way, New York.  
 Oshkosh Bedding & Couch Co., Oshkosh, Wis.  
 Oshkosh Bottle Wrapper Co., packing matl., bottle wrappers, furniture pads, etc., Oshkosh, Wis.  
 Oshkosh Excelsior Mfg. Co., excelsior, wood wool, Oshkosh, Wis.  
 Oshkosh Mfg. Co., logging & lumbermen's machy., tools, etc., 555 So. High, Oshkosh, Wis.  
 Oshkosh Trunk Co., Oshkosh, Wis.  
 Oslason, J., mattresses, Fall River, Mass.  
 Oskamp, Nolting & Co., silver novelties, 30 W. 7th, Cincinnati, Ohio.  
 Osmundson Spade Mfg. Co., Perry, Ia.  
 Ostdiek, H. B., common brick, Ottumwa, Ia.  
 Ostenberg, Chas., sash, door & blind mfrs., Okanogan, Wash.  
 Ostendorf, W. G., wood mantels, 2923 N. Broad, Phila., Pa.  
 Oster Bros., carriages, 1418 Frenchmen, New Orleans, La.  
 Oster Mfg. Co., pipe cutting & threading tools, E. 61st, Cleveland, Ohio.  
 Ostergren, Sam'l, cornices & skylights, 725 3d av, Bklyn, N. Y.  
 Osterhage, Louis H., architect, Vincennes, Ind.  
 Osterhorn, Robt., architect, 1023 N. 6th, St. Louis, Mo.  
 Osterhoudt, P. C., & Co., contractors, Kingston, N. Y.  
 Osterhout, Guy W., architect, Connell Bldg., Scranton, Pa.  
 Osterling, F. J., architect, 316 4th, Pittsburgh, Pa.  
 Osterman & Sebert, architects, Walla Walla, Wash.  
 Ostermoor & Co., mattresses & bedstead mfrs., 116 Elizabeth, New York.  
 Osteyee Bros., contractors, Pittsfield, Mass.  
 Ostheimer, Wm. H., steam & hot water htg. contr., 385 7th av, Brooklyn, N. Y.  
 Ostholthoff & Braukmann, carriages, 42 W. McMicken av, Cincinnati, Ohio.  
 Ostlind, Benjamin, architect, Marshfield, Ore.  
 Ostling, Andrew, contractor, Sioux City, Ia.  
 Ostrander Fire Brick Co., Troy, N. Y.  
 Ostrander R'y & Timber Co., lumber, Ostrander, Wash.  
 Ostrander-Seymour Co., machinists, 7 S. Dearborn, Chicago, Ill.  
 Ostrander, W. R., & Co., battery holders, 371 B'way, New York.  
 O'Sullivan, Jas., & Son Co., contractors, Port Huron, Mich.  
 O'Sullivan, John A., bldg. contractor, Cambridge, Mass.  
 O'Sullivan, John J., architect, 314 Main, Worcester, Mass.  
 O'Sullivan, Joshua C., architect, 146 E. 12th, Erie, Pa.  
 O'Sullivan, M. F., contractor, 145 Oak, Toledo, Ohio.  
 O'Sullivan Rubber Co., 131 Hudson, New York.  
 Oswald Bros., masons' & bldrs.' matls., Weston, Ohio.  
 Oswayo Chemical Co., acetate of lime, wood alcohol, etc., Bradford, Pa.  
 Oswego Falls Pulp & Paper Co., Fulton, N. Y.  
 Oswego Machine Wks., bookbinding, paper cutting, pinking & scalloping machines, etc., Oswego, N. Y.  
 Oswego Milling Co., mixed feed, Oswego, Kan.  
 Oswego Preserving Co., canned goods, Oswego, N. Y.  
 Oswego River Paper Mills, Phoenix, N. Y.  
 Oswego Shade Cloth Co., Oswego, N. Y.  
 Oswego Tool Co., hardware mfrs., Oswego, N. Y.  
 Other, J. C., Art Glass Co., 312 N. 17th, St. Louis, Mo.  
 Otis Bed Mfg. Co., 818 Main, Buffalo, N. Y.  
 Otis Cement Construction Co., Hammond Bldg., Detroit, Mich.  
 Otis & Clark, architects, 6 N. Michigan av, Chicago, Ill.  
 Otis Co., denims, Boston, Mass.  
 Otis Elevator Co., 11th av & 26th, New York.  
*See adv index at end of book.*  
 Otis, H. F., contractor, 488 Clermont av, Brooklyn, N. Y.  
 Otis, J. W., contractor, Antigo, Wis.  
 Otis Mach. Wks., Rochester, N. Y.  
 Otis Mfg. Co., lumber, Peters av & River, New Orleans, La.  
 Otis, Spencer, Co., brake jaws, doors, pins, etc., 80 E. Jackson blvd., Chicago, Ill.  
 Otis Steel Co., Leader-News Bldg., 3441 Jennings rd, Cleveland, Ohio.  
 Otisco Canning Co., Otisco, Ind.  
 Otley Paint Mfg. Co., 1742 N. Winchester av, Chicago, Ill.  
 Otee Food Products Co., canned goods, Nebraska City, Neb.  
 O'Toole Bros., cornices & skylights, Clinton, Mass.  
 Otsego Chair Co., Otsego, Mich.  
 Otsego Power & Mfg. Co., filing cabinets & devices, Otsego, Mich.  
 Otselic Mfg. Co., poultry coops, Whitney Point, N. Y.  
 Ott Benj., & Sons Co., machsts. & fndrs., La Crosse, Wis.  
 Ott Bros., crushed stone, Lancaster, N. Y.  
 Ott C. J., architect, K. of C. Bldg., Youngstown, Ohio.  
 Ott Edgar F., architect, Bailey Bldg., Philadelphia, Pa.  
 Ott Geo. F., Co., founders, 209 Buttonwood, Philadelphia, Pa.  
 Ott Hdwe. Co., Santa Barbara, Cal.  
 Ott-Heiskell Hardware Co., wholesale, 86 19th, Wheeling, W. Va.  
 Ott L. W., Mfg. Co., revolving chairs, Indianapolis, Ind.  
 Ott Matthew, & Co., contractors, 414 Warrington, Pittsb'g, Pa.  
 Ott Paul, brewery architect, 50 Church, New York.  
 Ottawa Brick & Tile Co., Ottawa, Kan.  
 Ottawa Fdry. Co., Ottawa, Kan.  
 Ottawa Lthr. Co., 288 W. Lake, Chicago, Ill.  
 Ottawa Mfg. Co., oil engines, Ottawa, Kan.  
 Ottawa Silica Co., silica sand, Ottawa, Ill.  
 Ottawa Tile Co., brick, Ottawa, Ohio.  
 Ottaway Alfalfa Milling Co., Wichita, Kan.  
 Otten Bros. Co., card cutting machines, 24 Richmond, Detroit, Mich.  
 Ottenheimer, Stern & Reichert, architects, 200 S. State, Chicago, Ill.  
 Otter Creek Boom & Lbr. Co., Hambleton, W. Va., & Wither-  
 spoon Bldg., Philadelphia, Pa.  
 Otter Creek Lumber Co., Otter Creek, Fla.  
 Otter Lake Brick & Tile Co., Otter Lake, Mich.  
 Otter River Board Co., Otter River, Mass.  
 Otter River Brick Co., Otter River, Mass.  
 Ottman, Millard, lumber mfr., Central Bridge, N. Y.  
 Otto, Albert T., & Sons, automobile bldrs., 1876 B'way, New York.  
 Otto, Carl L., architect, 45 B'way, New York.  
 Otto Chemical Co., Williamsport, Pa.  
 Otto Coking Co., Inc., coke plant construction, 6 Church, New York.  
 Otto Gas Engine Works, 33d & Walnut, Philadelphia, Pa.  
 Otto, Geo. F., contractor, Savannah, Ga.  
 Otto & Scherf, machinists, Springfield, Ill.  
 Ottumwa Box Car Loader Co., Ottumwa, Ia.  
 Ottumwa Bridge Co., Ottumwa, Ia.  
 Ottumwa Iron Works, Ottumwa, Ia.  
 Ottumwa Lime & Cement Co., Ottumwa, Ia.  
 Ottumwa Mill & Construction Co., Ottumwa, Ia.  
 Ottumwa-Moline Engine & Pump Co., Ottumwa, Ia.  
 Ottumwa Supply & Construction Co., Ottumwa, Ia.  
 Ouderirk, Thomas A., architect, Alpena, Mich.  
 Outagamie Paper Co., Kaukauna, Wis.  
 Outcalt, D. D. A., architect, Natl. Realty Bldg., Tacoma, Wash.  
 Oval & Koster, canners' labels, Indianapolis, Ind.  
 Oval Oak Mfg. Co., plow handles, Silver City, N. C.  
 Oval Wood Dish Co., Delta, Ohio.  
 Oven Equipment & Mfg. Co., New Haven, Conn.  
 Ovenden, W. C., machinist, West Boylston, Mass.  
 Over, Ewald, founder, Indianapolis, Ind.  
 Overbagh & Ayres Mfg. Co., lamp guards, shades, etc., 411 S. Clinton, Chicago, Ill.  
 Overbaugh-Camp Co., masons' & bldrs.' matls., Morris Dock, New York.  
 Overbeck, H. A., architect, Juanita Bldg., Dallas, Tex.  
 Overbeck, J. Ed., architect, Wilson Bldg., Dallas, Tex.  
 Overbey Saw & Planing Mill, Brodnax, Va.  
 Overdorf, Wm. H., architect, Dubois, Pa.  
 Overdorff, Edmund, contractor, Johnstown, Pa.  
 Overholt, A., & Co., gin distillers, Frick Bldg., Pittsburgh, Pa.



Overholt Co., mitre boxes, saw guides, Galesburg, Ill.  
Overholt, I. M., machinist, Seville, Ohio.  
Overland Mfg. Co., manicure files, 71 W. 23d, New York.  
Overly, W. F., cornices, Greensburg, Pa.  
Overman Cushion Tire Co., 250 W. 54th, New York.  
Overpack, S. C., carriages, Manistee, Mich.  
Overstreet, N. W., architect, Jackson, Miss.  
Overton, D. D., lbr., Greenville, N. C.  
Overturf, C. W., concrete machy., Dumont, Ia.  
Oviatt, A. N., architect, Guardian Bldg., Cleveland, Ohio.  
Owatonna Canning Co., Owatonna, Minn.  
Owatonna Fanning Mill Co., Owatonna, Minn.  
Owatonna Mfg. Co., agricultural implements, Owatonna, Minn.  
Owego Bridge Corp., steel struct. wk., Owego, N. Y.  
Owen-Arnold Co., caskets, etc., Allegan, Mich.  
Owen Bros., carriages, Lima, Ohio.  
Owen Bucket Co., 525 Rockefeller Bldg., Cleveland, Ohio.  
Owen Canning Co., Owen, Wis.  
Owen China Co., Minerva, Ohio.  
Owen, E. H., & Co., machinists 101 N. Jefferson, Chicago, Ill.  
Owen, Geo., naval architect, Newton, Boston, Mass.  
Owen, J. D. & E. G., lightning rods, Janesville, Wis.  
Owen, John S., Lumber Co., Owen, Wis.  
Owen & Payson, architects, Scarritt Arcade, Kansas City, Mo.  
Owen, T. G., machst., Newport, R. I.  
Owen, W. C., architect, Leader-News Bldg., Cleveland, O., & Jackson, Tenn.  
Owens, A. H., & Bro., canned goods, Perryville, Md.  
Owens Bottle Machine Co., Toledo, Ohio.  
Owens, Chas. S., architect, 6739 Bramble av, Madisonville, Cincinnati, Ohio.  
Owens, Chas. W., architect, Commercial Nat. Bk. Bldg., Shreveport, La.  
Owens, G. W., Lumber Co., Fort Worth, Tex.  
Owens, H. W., architect, Xenia, Ohio.  
Owens, J. A., machinist, Belle Plaine, Kans.  
Owens, J. B., Floor & Wall Tile Co., Zanesville, Ohio.  
Owens, J. L., & Co., agricultural implements, Fulton & S. E. Huron, Minneapolis, Minn.  
Owens, John, & Co., packing box, Haverhill, Mass.  
Owens, John D., & Son Co., lime mfrs., Owens, Ohio.  
Owens, John, & Son, contractors, East St. Louis, Ill.  
Owens, M. R., contractor, 308 Longworth, Cincinnati, Ohio.  
Owens, Owen W., Sons, sea green roofing slate, Granville, N. Y.  
Owens & Sisco, architects, Continental Bldg, Baltimore, Md.  
Owensboro Buggy Co., carriages, Owensboro, Ky.  
Owensboro Canning Co., Owensboro, Ky.  
Owensboro Forging Co., Owensboro, Ky.  
Owensboro Hardware & Iron Co., Owensboro, Ky.  
Owensboro Planing Mill Co., lumber, Owensboro, Ky.  
Owensboro Sewer Pipe Co., Owensboro, Ky.  
Owensboro Shovel & Tool Co., Owensboro, Ky.  
Owensboro Wagon Co., Owensboro, Ky.  
Owensboro Wheel Co., Owensboro, Ky.  
Owings, Thomas B., architect, 347 N. Charles, Baltimore, Md.  
Owl Bayou Cypress Co., lumber mfrs., Cincinnati, Ohio.  
Owl Plumbing Supply Co., 967 Mission, San Francisco, Cal.  
Owosso Boiler Works, Owosso, Mich.  
Owosso Canning Co., Owosso, Mich.  
Owosso Casket Co., Owosso, Mich.  
Owosso Mfg. Co., crates, Owosso, Mich.  
Owosso Mfg. Co., screens, Benton, Ark.  
Owosso Sugar Co., Owosso, Mich.  
Owsley, Burt T., contractor, 119 Jessie, San Francisco, Cal.  
Owsley, C. H. & C. F., architects, Mahoning Nat. Bk. Bldg., Youngstown, Ohio.  
Ox Fibre Brush Co., brush mfrs., Frederick, Md.  
Oxenham, Wm. P., & Bro., canned goods, Kirkham, Md.  
Oxford Buggy Co., Oxford, N. C.  
Oxford Cotton Mills, Oxford, N. C.  
Oxford, J. E., contractor, 310 Hemphill av, Atlanta, Ga.  
Oxford Oil Co., Oxford, Ala.  
Oxford Packing Works, fertilizer mfrs., Oxford, Pa.  
Oxford Paper Co., 200 5th av, New York.  
Oxford Plush Mills, Front & Oxford, Philadelphia, Pa.  
Oxford Tripoli Co., silica mfrs., etc., 11 Broadway, New York.  
Oxweld Acetylene Co., 646 Frelinghuysen av, Newark, N. J.  
Oxy-Acetylene Appliance Co., welding & cutting apparatus, 149 Broadway, New York.  
Oxyozon Disinfecting Co., 410 W. 13th, New York.  
Oyen, O. O., contractor, 718 S. 4th, Minneapolis, Minn.  
Oyler Carriage Co., 120 N. 2d, St. Louis, Mo.  
Oyster, L. A., machst. & fndr., Savana, Ill.  
Ozan Lumber Co., Prescott, Ark.  
Ozark Cooperage & Lumber Co., International Life Bldg., St. Louis, Mo.  
Ozark Elec. Co., egg testers, Aurora, Mo.  
Ozark Fertilizer Co., Ozark, Ala.  
Ozark Land & Lumber Co., Winona, Mo.  
Ozark White Lime Co., Fayetteville, Ark.  
Ozone Lumber Co., Ltd., Talisheek, La.  
Ozone Pure Airfier Co., 536 S. Clark, Chicago, Ill.

Pasche Air Brush Co., 1219 W. Washington blvd., Chicago, Ill.  
Pabst Brewing Co., 917 Chestnut, Milwaukee, Wis.  
Paca Glass Co., homeopathic vials, 424 W. Conway, Balto., Md.

Pace Bros., contractors, Marshall Bldg., Cleveland, Ohio.  
Pace Bros. & Sons, crockery, Roseville, Ohio.  
Pace, S. E., architect, Covington, Va.  
Pace, W. H., lumber, Athens, La.  
Pacetti's, E. C., Sons, cornices & skylights, Savannah, Ga.  
Pacific Aero Products Co., Seattle, Wash.  
Pacific-American Fisheries, canners, So. Bellingham, Wash.  
Pacific Ammonia & Chemical Co., St. Louis, Mo.  
Pacific Blower & Htg. Co., 224 5th, San Francisco, Cal.  
Pacific Bone, Coal & Fertilizer Co., 519 California, San Francisco, Cal.  
Pacific Box Co., packing mfrs., Tacoma, Wash.  
Pacific Box Factory, Beach, nr. Mason, San Francisco, Cal.  
Pacific Brass & Bronze Fdry., 528 Folsom, San Francisco, Cal.  
Pacific Brass & Hardware Mfg. Co., Los Angeles, Cal.  
Pacific Bridge Co., ft. of E. Salamon, Portland, Ore.  
Pacific Builder & Engineer, trade publication, Seattle, Wash.  
*See adv index at end of book.*  
Pacific Carbonator Co., machy., 133 W. 24th, New York.  
Pacific Carbonic Gas Co., ft. 6th av, Oakland, Cal.  
Pacific Casket Co., 715 S. Johnson, Los Angeles, Cal.  
Pacific Coast Beef & Provision Co., oils, Los Angeles, Cal.  
Pacific Coast Borax Co., Oakland, Cal.  
Pacific Coast Canning Co., Oakland, Cal.  
Pacific Coast Concrete Co., 51st & Sta. Fe, Los Angeles, Cal.  
Pacific Coast Dredging & Reclamation Co., 112 Market, San Francisco, Cal.  
Pacific Coast Envelope Co., 435 Mission, San Francisco, Cal.  
Pacific Coast Glass Works, bottles, 7th & Irwin, San Francisco, Cal.  
Pacific Coast Gypsum Co., wall plaster mfrs., Tacoma, Wash.  
Pacific Coast Lumber & Mill Co., Oakland, Cal.  
Pacific Coast Mfg. Co., machsts., Los Angeles, Cal.  
Pacific Coast Pipe Co., wood, Seattle, Wash.  
Pacific Coast Planing Mill Co., sash, door & blind, 3310 S. Main, Los Angeles, Cal.  
Pacific Coast Pole Co., ties, poles, etc., Spokane, Wash.  
Pacific Coast Pottery & Terra Cotta Co., San Jose, Cal.  
Pacific Coast Steel Co., Rialto Bldg., San Francisco, Cal.  
Pacific Coast Syrup Co., canned goods, San Francisco, Cal.  
Pacific Coast Testing Laboratory, Seattle, Wash.  
Pacific Construction Co., 16 California, San Francisco, Cal.  
Pacific Copper Works, 85 Minna., San Francisco, Cal.  
Pacific Creamery Co., canned goods, Temple, Ariz.  
Pacific Creosoting Co., Seattle, Wash.  
Pacific Door & Mfg. Co., Seattle, Wash.  
Pacific Electric Co., electric portables, La Crosse, Wis.  
Pacific Elec. & Mfg. Co., enclosed fuses, circuit breakers, switches, 827 Folsom, San Francisco, Cal.  
Pacific Elec. Ry Co., machsts. & fndrs., Los Angeles, Cal.  
Pacific Engineering Co., Los Angeles, Cal.  
Pacific Engineering & Construction Co., 544 Market, San Francisco, Cal.  
Pacific Export Lumber Co., Portland, Ore.  
Pacific Fence Constr. Co., 423 Market, San Francisco, Cal.  
Pacific Fir Co., lumber mfrs.—ties, poles & posts, Seattle, Wash.  
Pacific Fire Extinguisher Co., automatic fire sprinklers, 507 Montgomery, San Francisco, Cal.  
Pacific Fish Co., canned goods, 112 Market, San Francisco, Cal.  
Pacific Fisheries & Packing Co., Aberdeen, Wash.  
Pacific Flush Tank Co., 4241 Ravenswood av, Chicago, Ill.  
Pacific Foundry Co., 18th & Harrison, San Francisco, Cal.  
Pacific Gear & Tool Works, 1055 Folsom, San Francisco, Cal.  
Pacific Glass & Paint Co., Tacoma, Wash.  
Pacific Guano & Fertilizer Co., 343 Sanson, San Francisco, Cal.  
Pacific Hardware Co., Everett, Wash.  
Pacific Hardware Mfg. Co., Los Angeles, Cal.  
Pacific Hardware & Steel Co., 923 E. 3rd, Los Angeles, & 7th & Townsend, San Francisco, Cal., & Portland, Ore.  
Pacific Improvement Co., Crocker Bldg., San Francisco, Cal.  
Pacific Iron Works, Astoria & Portland, Ore.  
Pacific Iron Works, brass castings, Spokane, Wash.  
Pacific Knitting Mills, gloves & mittens, Seattle, Wash., & Los Angeles, Cal.  
Pacific Lime & Plaster Co., Sonora, Cal.  
Pacific Lock Joint Pipe Co., sewer, Seattle, Wash.  
Pacific Lubricating Co., oils & greases, Seattle, Wash.  
Pacific Lumber Agency, Aberdeen, Wash.  
Pacific Lumber Co., Hobart Bldg., San Francisco, Cal.  
Pacific Mfg. Co., sashes, doors & blinds, Santa Clara, Cal.  
Pacific Manure & Fertilizer Co., 429 Davis, San Francisco, Cal.  
Pacific Metal Products Co., Torrance, Cal.  
Pacific Metal Works, Babbit metal, Portland, Ore.  
Pacific Metal Works, 153 1st, San Francisco, Cal.  
Pacific Mill & Mine Supply Co., 616 Mission, San Francisco, Cal.  
Pacific Mill & Timber Co., lumber mfrs., Portland, Ore.  
Pacific Milling Co., cereal foods, 74 Langton, San Francisco, Cal.  
Pacific Mutual Door Co., porch columns, Tacoma, Wash.  
Pacific National Lumber Co., Tacoma, Wash.  
Pacific Nov. Co., manicure sets & hand mirrors, hair pins, etc., 41 E. 11th, New York.  
Pacific Oil & Lead Works, 155 Townsend, San Francisco, Cal.  
Pacific Ornamental Iron Co., Seattle, Wash.  
Pacific Paper Co., Portland, Ore.  
Pacific Pea Packing Co., Oakdale, Cal.  
Pacific Pennant & Novelty Co., Los Angeles, Cal.



- Pacific Porcelain Ware Co., 67 New Montgomery, San Francisco, Cal.
- Pacific Portable Construction Co., cottages, 1420 S. Hill, Los Angeles, Cal.
- Pacific-Portland Cement Co., Pacific Bldg., San Francisco, Cal.
- Pacific Pumping Co., 350 Battery, San Francisco, Cal.
- Pacific Refining & Roofing Co., 16th & Texas, San Francisco, Cal.
- Pacific Rolling Mill Co., 17th & Mississippi, San Francisco, Cal.
- Pacific Sanitary Mfg. Co., water closets, New Montgomery, San Francisco, Cal.
- Pacific Sash & Door Co., 3310 S. Main, Los Angeles, Cal.
- Pacific Sewer Pipe Co., Los Angeles, Cal.
- Pacific Shade Cloth Co., Oakland, Cal.
- Pacific Shingle Co., lumber mfrs., Tacoma, Wash.
- Pacific Ship Yards & Ways Co., 24 California, San Francisco, Cal.
- Pacific Spring Bed Co., Berkeley, Cal.
- Pacific States Casket Co., 235 9th, San Francisco, Cal.
- Pacific States Lumber Co., Tacoma, Wash.
- Pacific States Refineries, petroleum, 110 Sutter, San Francisco, Cal.
- Pacific Steel Furn. Mfg. Co., spring beds, Seattle, Wash.
- Pacific Stove & Range Mfg. Co., fndrs., St. Johns, Ore.
- Pacific Structural Iron Works, 370 10th, San Francisco, Cal.
- Pacific Surety Company, First Nat. Bk. Bldg., San Francisco, Cal.
- Pacific Surgical Mfg. Co., Los Angeles, Cal.
- Pacific Tank & Pipe Co., door hangers, 318 Market, San Francisco, Cal.
- Pacific Tank & Silo Co., Chehalis, Wash.
- Pacific Tent & Awning Co., Fresno, Cal.
- Pacific Timber Co., lumber, Everett, Wash.
- Pacific Tool & Supply Co., Fremont & Mission, San Francisco, Cal.
- Pacific Trunk & Bag Co., 533 Market, San Francisco, Cal.
- Pacific Tuna Canning Co., San Diego, Cal.
- Pacific Vinegar & Pickle Works, canned, 204 Sacramento, San Francisco, Cal.
- Pacific Wagon & Carriage Co., Seattle, Wash.
- Pacific Wasserman Laboratories, chemists, Pacific Bldg., San Francisco, Cal.
- Pacific Welding & Brazing Works, 503 Van Ness av, San Francisco, Cal.
- Pacific Wood & Coal Co., San Diego, Cal.
- Pachoud, A. L., & Co., masons' & bldrs.' matls., 3459 Montgomery av, Cincinnati, Ohio.
- Pachoud Bros., contractors, 1037 Gilbert av, Cincinnati, Ohio.
- Pack, Geo. W., & Son, masons' & bldrs.' matls., Syracuse, N. Y.
- Package Machinery Co., machinists, Springfield, Mass.
- Packages, trade publication, Montgomery Bldg., Milwaukee, Wis.
- Packard, A., & Co., paint brushes, 166 Commercial, Boston, Mass.
- Packard, Allen A., architect, 7609 Eastlake tr., Chicago, Ill.
- Packard Electric Co., Dana av, Warren, Ohio.
- Packard, F. L., theatre architect, Hayden Bldg., Columbus, O.
- Packard, Geo. A., metallurgical engr., 50 Congress, Boston, Mass.
- Packard Hardware Co., Greenville, Pa.
- Packard, J. R., steam fitters' supplies, Greenville, Pa.
- Packard, J. S., Dredging Co., Turks Head Bldg., Providence, R. I.
- Packard Lamp Works of G. E. Co., Warren, Ohio.
- Packard Motor Car Co., Boulevard & Belt Line, Detroit, Mich.
- Packard Piano Co., organs, Ft. Wayne, Ind.
- Packard, R. G., Co., contractors, Bayonne, N. J.
- Packel, T. Sch., & Co., yacht builders & marine railway, Neponset, Boston, Mass.
- Packer Auto Specialty Co., wrenches, 122 S. Michigan av, Chicago, Ill.
- Packer Mfg. Co., liquid soap, 81 Fulton, New York.
- Packer & Sons, horse clipping machines, La Grange, Ill.
- Packer, Thos., store trucks, Union City, Conn.
- Packer, W. H., fndrs., Saddle River, N. J.
- Packett Motor Car Mfg. Co., 2743 Lyndale av, S., Minneapolis, Minn.
- Packham Crimper Co., Mechanicsburg, Ohio.
- Packard Hardware Co., Greenville, Pa.
- Packwood Northwood Glass Co., Sandwich, Mass.
- Pacolet Mfg. Co., cotton sheetings, Spartanburg, S. C.
- Paddock, A. N., architect, South Norwalk, Conn.
- Paddock Bond & Co., contractors, 25 N. Dearborn, Chicago, Ill.
- Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
- Paddock, Frank E., contractor, Memphis, N. Y.
- Paddock, J. H., Co., cork mfrs., 219 36th, Brooklyn, N. Y.
- Paddock Tube Paper Co., Elbridge, N. Y.
- Paddock-Williamson Co., needle—talking machine, 1036 Euclid av, Cleveland, Ohio.
- Paddon, Harold E., architect, 50 Church, New York.
- Padgett, P. M., & Co., turpentine, Raiford, Fla.
- Padgett, W. H., contractor, Vicksburg, Miss.
- Padgitt Bros. Co., harness, saddles, etc., Dallas, Tex.
- Padgitt, Tom, Co., whol. hdwe., Waco, Tex.
- Paducah Box & Basket Co., Paducah, Ky.
- Paducah Brick & Tile Co., Paducah, Ky.
- Paducah Construction Co., Paducah, Ky.
- Paducah Dry Dock Co., Paducah, Ky.
- Paducah Pole & Timber Co., Paducah, Ky.
- Paducah Pottery Co., Paducah, Ky.
- Paepcke-Leicht Lumber Co., 111 W. Washington, Chicago, Ill.
- Paetz, Chas. H., mattress, St. Joseph, Mo.
- Paff, Chas., & Co., architects, Sansome, San Francisco, Cal.
- Paff, Wm. A., masons' & bldrs.' matls., Wausau, Wis.
- Pagan, Franklin D., architect, 57 Lawton, New Rochelle, N. Y.
- Paganetti, J. S., Co., masons' & bldrs.' matls., Mount Clemens, Mich.
- Pagano, Jerome, stone producers, wkrs. & dlrs., 2642 Park av, New York.
- Page Belting Co., 587 Market, San Francisco, Cal.
- Page Belting Co., textile mchy., supplies, etc., Concord, N. H.
- Page Boiler Co., 815 Larrabee, Chicago, Ill.
- Page Bros. Co., Lawrence, Mass.
- Page Bros. Buggy Co., carriages, Marshall, Mich.
- Page, C. H., & Bro., architects, Austin Nat'l Bank Bldg., Austin, Tex.
- Page, Carroll S., ground bone, Hyde Park, Vt.
- Page Engng. Co., buckets, 189 W. Madison, Chicago, Ill.
- Page Engineering Co., engine bldrs., Baltimore, Md.
- Page, Frank W., machst. & fndr., Monticello, Ia.
- Page, Fred., Contrg. Co., 115 B'way, New York.
- Page, Fred M., & Co., gummed paper, East Lynn, Mass.
- Page, Geo. G., Box Co., wooden & corrugated box makers, 19 Hampshire, Cambridge, Mass.
- Page, George H., architect, Pawtucket, R. I.
- Page, Geo. W., architect, Rea Bldg., San Jose, Cal.
- Page, Harvey L., Co., architects, 741 E. Houston, San Antonio, Tex.
- Page & Hill, lbr., 812 Plymouth Bldg., Minneapolis, Minn.
- Page, Jno. M., & Co., steamfitters' supplies, Naugatuck, Conn.
- Page, L. A., Lumber Co., Alexandria, Minn.
- Page, Leroy J., architect, Leominster, Mass.
- Page Lbr. Co., Buckley, Wash.
- Page Mfg. Co., cotton batting, Cohoes, N. Y.
- Page Milk Co., canned, Uby, Mich.
- Page Milling Co., flour, Luray, Va.
- Page, N. L., & Son Co., packing box mfrs., Auburn, Mo.
- Page Needle Co., tex. machy., supplies, Chicopee Falls, Mass.
- Page-Newell & Co., steel importers, 93 Broad, Boston, Mass.
- Page & Page, architects, 87 Weybosset, Providence, R. I.
- Page, Samuel F., architect, 87 Milk, Boston, Mass.
- Page-Storms Drop Forge Co., bolts, forges, wrenches, etc., Chicopee, Mass.
- Page, Thos., canned goods, Albion, N. Y.
- Page, Thomas, Milling Co., flour, Topeka, Kans.
- Page, W. C., Wirtz Co., masons' & bldrs.' matls., Ionia, Mich.
- Page, Wm. H., Boiler Co., 141 W. 36th, New York.
- Page Woven Wire Fence Co., copper-clad wires, Monessen, Pa.
- See adv. index at end of book.*
- Pagels, Wm. F., architect, 19 S. La Salle, Chicago, Ill.
- Pagnod, A., & Sons, soap, 250 46th, Brooklyn, N. Y.
- Pagosa Lumber Co., Pagosa Springs, Colo.
- Pague Mfg. Co., tin pails, 29th & Southwest blvd., Kansas City, Mo.
- Pahl, August, brick, Arcadia, Wis.
- Pahl, E. F., & Co., children's carriages, 1032 3d, Milwaukee, Wis.
- Pahlow Reed & Willow Mfg. Co., furniture, 154 W. 18th, New York.
- Paige, C. F., & Co., mill & facty. supplies, masons' & bldrs.' matls., Athol, Mass.
- Paige & Conary Co., contractors, South Portland, Me.
- Paige-Detroit Motor Car Co., McKinstry & Fort, Detroit, Mich.
- Paige, Frank E., & Co., felt mills, 68 Essex, Boston, Mass.
- Paige Sign Co., Worcester, Mass.
- Pain & Young, landscape architects, Tampa, Fla.
- Paine, A., & Son, contractors, Oswego, N. Y.
- Paine & Co., meat packers, Wilkes-Barre, Pa.
- Paine Co., bolts, 140 S. Dearborn, Chicago, Ill.
- Paine-Fishburn Granite Co., stone producers, Grand Island, Neb.
- Paine-Ford Co., mill & facty. supplies, Ashtabula, Ohio.
- Paine Furn. Co., tool chests, 81 Arlington, Boston, Mass.
- Paine, H. A., machinery dealer, Houston, Tex.
- Paine Lumber Co. (Ltd.), 111 W. Washington, Chicago, Ill., & Oshkosh, Wis.
- Paine & Nixon Co., masons' & bldrs.' supplies, 312 W. Michigan, Duluth, Minn.
- Paine, O. R., machst. & fndr., Blackwell, Okla.
- Paine, S. S., & Bro., masons' & bldrs.' matls., New Bedford, Mass.
- Paine & Stevens, contractors, Gary, Ind.
- Paine, Walter J., architect, Newtonville, Mass.
- Painesville Coal & Builders' Supply Co., Painesville, Ohio.
- Painesville Metallic Binding Co., Painesville, Ohio.
- Painter, E. O., Fertilizer Co., Jacksonville, Fla.
- Painter & Frankland, agricultural implements, Albion, Ill.
- Painter, Joel T., Co., paint mfrs., McKeesport, Pa.
- Painter, Jos., & Sons, machsts. & fndrs., Myerstown, Pa.
- Painters' Magazine, trade publication, 100 William, New York.
- Painton Brick Co., Troy, N. Y.
- Pairpoint Corp., paper & pulp mills, New Bedford, Mass.
- Paisler & Willis, masons' & bldrs.' matls., New Bedford, Mass.
- Paisley, Wm. C., Roofing Co., cornices & skylights, Ottawa, Ill.
- Paisle, H. T., Co., mchsts., N. 32d, cor. Arch, Phila., Pa.
- Pajeau, Jos., & Son, granite bldg. work, McCormick Bldg., Chicago, Ill.



- Pajoria Valley Mercantile Co., masons' & bldrs.' matls., Watsonville, Cal.
- Palace Hardware Co., Tacoma, Wash.
- Paladino Contr. Co., 339 E. 115th, New York.
- Palanca, A., architect, 17 Battery pl., New York.
- Palaora Bros., granite prod., Barre, Vt.
- Palen's, H. W., Sons, sash, door & blind mfrs., Kingston, N. Y.
- Palisades Park Lumber & Supply Co., Palisades Park, N. J.
- Pall Mall Elec. Co., safety razor mfrs., 128 W. 34th, New York.
- Pallarín & Co., floor mosaics, 32 Greenwich av, New York.
- Palliser & Hills, architects, 827 McIntyre Bldg., Salt Lake City, Utah.
- Palliser, Robt., contractor, Galveston, Tex.
- Palme, Edw. F., architect, 3 W. 29th, New York.
- Palm, E. E., organs, Mount Penn, Pa.
- Palm, Fechteler & Co., transfer ornaments, 67 5th av, New York.
- Palm Iron & Bridge Works, Sacramento, Cal.
- Palm, Louis F., Co., tire coolers, Defiance, O.
- Palm Vacuum Cleaner Co., 2671 E. Gd. blvd, Detroit, Mich.
- Palmberg & Mattson Co., contractors, Astoria, Ore.
- Palmenberg's, J. R., Sons, window display fixtures, 63 W. 36th, New York.
- Palmer, Albert E., & Sons, cabinet makers' iron clamps, Owosso, Mich.
- Palmer, B., archt. iron, 312 W. 43d, New York.
- Palmer-Bee Co., machsts., Cameron & E. Gd. blvd, Detroit, Mich.
- Palmer Bros., machsts, Belle Plaine, Ia., & Cos Cob, Conn.
- Palmer Bros., stone producers, Connellsville, Pa.
- Palmer, C. S., architect, 191 Church, New Haven, Conn.
- Palmer, C. W., & Co., masons' & bldrs.' matls., Herkimer, N. Y.
- Palmer, Chas. B., contractor, Wayne, Pa.
- Palmer, Clarence C., architect, New Britain, Conn.
- Palmer, Clarence William, architect, David Whitney Bldg., Detroit, Mich.
- Palmer Co., tracing cloth & paper, 157 Westminster, Providence, R. I.
- Palmer & Co., fruit evaporators, Noble, Ill.
- Palmer-Corcoran Co., shakers, salt, etc., N. Ashland av, Chicago, Ill.
- Palmer & De Mooy Foundry Co., 1658 Leonard, N. W., Cleveland, Ohio.
- Palmer & Dreher, contractors, Stroudsburg, Pa.
- Palmer, Edward, flour mills, Waynesboro, Va.
- Palmer, Edw. L., Jr., architect, 112 Elmhurst rd, Baltimore, Md.
- Palmer Electric & Mfg. Co., automatic electric switch mfrs., 60 K, Boston, Mass.
- Palmer-Elison Constr. Co., Henry Bldg., Portland, Ore.
- Palmer, F. E., architect, Pasadena, Cal.
- Palmer, Fred A., contractor, 3003 Hennepin av, Minneapolis, Minn.
- Palmer Galvanic Bed Co., mattresses, 231 E. 9th, New York.
- Palmer, Geo. H., masons' & bldrs.' matls., Sheridan, Ind.
- Palmer, Geo. J., cornices, West Chester, Pa.
- Palmer, Geo., Lumber Co., La Grande, Ore.
- Palmer & Hardin, mattresses, Louisville, Ky.
- Palmer, Hy. A., machsts., Westfield, Mass.
- Palmer, Henry S., Supply Co., mill & facty. supplies, Beaver Falls, Pa.
- Palmer & Hornbostel, architects, 63 William, New York.
- Palmer, Hornboster & Jones, architects, 345 4th av, Pittsburgh, Pa.
- Palmer, I. E., Co., textile mach'y, supplies, etc., Middletown, Conn.
- Palmer, J. C., masons' & bldrs.' matls., Ashland, O.
- Palmer, J., Co., meat packers, Charleston, Tenn.
- Palmer, J. J., turpentine, Champaign, Fla.
- Palmer, J. R., machst. & fndr., San Bernardino, Cal.
- Palmer, Jarvis, cultivators & ladders, Northville, Mich.
- Palmer, John E., contractor, Old South Bldg., Boston, Mass.
- Palmer, Joseph, auto. springs, 333 Rutherford av, Boston, Mass.
- Palmer, L. M., lime mfrs., York, Pa.
- Palmer, L. P., & Sons, granite producers, Graniteville, Mass.
- Palmer Lime & Cement Co., 103 Park av, New York.
- Palmer, Lowell M., cooperage stock, 78 Beekman, New York.
- Palmer & Lynch, contractors, 415 Campbell av, New Haven, Conn.
- Palmer & McBryde, contractors, Hooker & Lent Bldg., San Francisco, Cal.
- Palmer & McBurney, architects, Hollywood, Cal.
- Palmer, M. S., Co., elec. fix., 151 Franklin, Boston, Mass.
- Palmer-Marshall Supply Co., mill & facty. supplies, Morgantown, W. Va.
- Palmer-Meyer Motor Car Co., auto. bldrs., 5027 McKissock av, St. Louis, Mo.
- Palmer-Moore Co., auto. bldrs., Syracuse, N. Y.
- Palmer, Moore & Co., contractors, Logansport, Ind.
- Palmer, N., & Co., mill & facty. supplies, Bridgeport, Conn.
- Palmer & Parker Co., lumber dealers, 103 Medford char., Boston, Mass.
- Palmer Press Brick Works, Palmer, Tex.
- Palmer-Price Co., paint & varnish remover, etc., 270 Chestnut, Newark, N. J.
- Palmer, Robt., & Son, Ship Bldg. & Marine Ry. Co., Noank, Conn.
- Palmer, S. S., masons' & bldrs.' matls., Seneca Falls, N. Y.
- Palmer & Somans Lumber Co., Uniontown, Pa.
- Palmer & Linkhorn, flour mills, Stamping Ground, Ky.
- Palmer, W. G., sash, door & blind, North Tonawanda, N. Y.
- Palmer, W. H., Co., contractors, Youngstown, O.
- Palmer, W. M., Mfg. Co., clothes line reels, 42 B'way, New York.
- Palmer, Wm. J., architect, Warder Bldg., Washington, D. C.
- Palmer, Willis B., paper & pulp mills, Doe Run, Pa.
- Palmetier & Abel Lumber Co., Waukesha, Wis.
- Palmetto Cotton Mills, Palmetto, Ga.
- Palmetto Guano Corp., fertz. mfrs., Columbia, S. C.
- Palmetto Iron Works, Columbia, S. C.
- Palmetto Lumber Co., Houston, Tex.
- Palmetto Oil Co., meal, Bishopville, S. C.
- Palmetto Phosphate Co., Keyser Bldg., Baltimore, Md.
- Palmour Hardware Co., Gainesville, Ga.
- Palmyra Sand Co., Palmyra, N. Y.
- Paltzer, C. A., Lbr. Co., 112 A. Adams, Chicago, Ill.
- Palubiak, J., & Son, cornices, 4107 Chippewa, St. Louis, Mo.
- Pamlico Chemical Co., fertilizer mfrs., Washington, N. C.
- Pamlico Lumber Co., Land Title Bldg., Phila., Pa.
- Pamona Mfg. Co., pumps, Pamona, Cal.
- Pan-American Brick Co., steel structl. wks., New Castle, Ind.
- Pan. Elec. Mfg. Co., meat choppers & slicers, dynamos, generators, motors, etc., 735 S. 4th, St. Louis, Mo.
- Panama Oil & Grease Co., metal polish, belt dress'g, etc., 159 W. 51st, New York.
- Panama Tank Co., Carr av & I. C. R. R., New Orleans, La.
- Panaro, P., architect, 489 5th av, New York.
- Pancoast, Henry B., Co., mill & facty. supplies, 243 S. 3d, Philadelphia, Pa.
- Pancoast Shingle Co., lbr. mfrs., Bellingham, Wash.
- Panenbergh, F. G., & Co., brick, Mankota, Minn.
- Pangborn Corp., sand blast, Hagerstown, Md.
- Pangle, L. A., machsts. & fndrs., Marion, N. C.
- Panhandle Lbr. Co., Spirit Lake, Idaho.
- Panigot, C. W., contractor, Hudson, N. Y.
- Pankow Bros., machsts. & fndrs., Sioux Falls, S. D.
- Pankow, C. J., architect, Champagne, Ill.
- Pannier Bros., Stamp Co., 530 Fernando, Pittsburgh, Pa.
- Panning Bros., lumber, Hamler, Ohio.
- Panola Cotton Oil Co., cottonseed meal, Carthage, Tex.
- Pan-o-Lite Grease & Oil Co., 298 Hancock, Long Island City, N. Y.
- Pantagraph Printing & Stationery Co., tablets & pads, Bloomington, Ill.
- Pantasote Co., artificial leather mfrs., 11 B'way, New York.
- Pantasote Leather Co., Passaic, N. J.
- Panther Rubber Mfg. Co., rubber heels, Stoughton, Mass.
- Panunack, Edw. F., bldg. contr., Madison, Wis.
- Panzer-Hamilton Co., cornices & skylights, Los Angeles, Cal.
- Pape Bros., Moulding Co., Plum & Canal, Cincinnati, Ohio.
- Pape, M. H., contractor, Twin Falls, Idaho.
- Pape, P. C., architect, Consolidated Realty Bldg., Los Angeles, Cal.
- Papac Machine Co., Shortsville, N. Y.
- Paper, trade publication, 117 E. 24th, New York.
- Paper City Brass Foundry, Holyoke, Mass.
- Paper Maker's Chemical Co., clays, minerals, etc., Easton, Pa.
- Paper Manufacturers Co., rolls—adding machine, 526 Cherry, Phila., Pa.
- Paper Mills, trade publication, 154 Nassau, New York.
- Paper Mills Spec. Co., 222 W. Kinzie, Chicago, Ill.
- Paper Novelty Co., Green Bay, Wis.
- Paper Products Co., 2405 W. Franklin, Baltimore, Md.
- Paper Record, The, trade publication, 38 Park Row, New York.
- Paper Trade Journal, 10 E. 39th, New York.
- Paper Work'g Machines Co., machsts. & fndrs., 667 Kent av, Brooklyn, N. Y.
- Papier Mache Works of America, toys, etc., 115 Spring, New York.
- Pappano, D. J., architect, 1211 Wharton, Phila., Pa.
- Pa Pro Co., milk bottle caps, Lowville, N. Y.
- Papyrus Artificial Paper Mfg. Co., ropes—auto towing, Kenilworth, N. J.
- Paradice, Frank H., Jr., architect, Pocatello, Idaho.
- Paradine Mfg. Co., curb boxes, Erie, Pa.
- Paraffin Paint Co., San Francisco, Cal.
- Paragon Brass Mfg. Co., needle baths, cocks, brackets, etc., 1221 Superior, Cleveland, Ohio.
- Paragon Elec. Co., cooking app., 9 S. Clinton, Chicago, Ill.
- Paragon Insulating Co., insulating paints, Cleveland, Ohio.
- Paragon Light Co., 1389 Delaware av, Buffalo, N. Y.
- Paragon Mach. Co., Rochester, N. Y.
- Paragon Mfg. Co., machsts., 2427 W. 14th, Chicago, Ill.
- Paragon Mat Co., Frankford & Worrell, Phila., Pa.
- Paragon Metal Co., babbitt, 3050 S. Ashland av, Chicago, Ill.
- Paragon Plaster Co., masons' & bldrs.' matls., 300 W. Water, Syracuse, N. Y.
- Paragon Plaster & Supply Co., lime mfrs., Scranton, Pa.
- Paragon Refining Co., lubricating oils & greases, Toledo, Ohio.
- Paragould Brick Co., Paragould, Ark.
- Paragould Handle Mfg. Co., Paragould, Ark.
- Paramount Brass & Mfg. Co., 2187 E. 2d, Cleveland, Ohio.
- Paramount Bldg. Co., 45 Kearny, San Francisco, Cal.
- Paramount Hosiery Form Drying Co., 337 W. Madison, Chicago, Ill.
- Paramount Motor Co., motor cycles, 1432 S. Parsons av, Columbus, Ohio.
- Paramount Utensil Mfg. Co., coffee percolators, 24 Murray, New York.
- Parcell Machy. Exchange, Tampa, Fla.



- Parchen Drug Co., glass, Helena, Mont.  
 Parcher, E. P., architect, 6719 Hollywood blvd, Los Angeles, Cal.  
 Pardee, C. A., flour mills, Colesburg, Ky.  
 Pardee, C., Wks., iron rolling mills, etc., Perth Amboy, N. J.  
 Pardee, Geo. M., architect, 427 W. 5th, Los Angeles, Cal.  
 Pardon Fish Hook Co., Owensboro, Ky.  
 Pardoner, John H., Jr., architect, 313 S. Jefferson, Dayton, O.  
 Pardy, T. J., Construction Co., 15 Fairfield av, Bridgeport, Conn.  
 Parent, Arthur E., mill & facty. supplies, Berlin, N. H.  
 Parfitt, Albert E., architect, Woolworth Bldg., New York.  
 Parfitt Bros., architects, 26 Court, Brooklyn, N. Y.  
 Parfrey, Chas. A., tubs, boxes, Richland Center, Wis.  
 Parger, Oscar A., landscape architect, 742 Market, San Francisco, Cal.  
 Paris Belt & Novelty Co., leather specialties, 231 N. 5th av, Chicago, Ill.  
 Paris Fdry. & Mach. Wks., broom corn harvesters, Paris, Ill.  
 Paris Mfg. Co., step ladders, ski & children's carriage mfrs., etc., South Paris, Me.  
 Paris Mattress Mfg. Co., Paris, Tex.  
 Paris Milling Co., flour, Paris, Ky., Tex. & Tenn.  
 Paris Roller Mills Co., flour, Paris, Idaho.  
 Paris Saddlery Co., Paris, Tex.  
 Paris Stone Renovat'g Co., 5 Gt. Jones, New York.  
 Paris, W. F., flour mills, Lola, Ky.  
 Paris, W. Franklyn, decorative archt., 53 W. 39th, New York.  
 Parish, Alford Fence & Machine Co., machsts. & fndrs., Knightstown, Ind.  
 Parish & Bingham Co., stamping wks., Cleveland, Ohio.  
 Parish Bros., contractors, Youngstown, Ohio.  
 Parish Mfg. Co., stamping wks., Mt. Elliott & Trombley, Detroit, Mich.  
 Parish Mfg. Co., automobile frames, Reading, Pa.  
 Parish & Schroeder, architects, 12 W. 31st, New York.  
 Parizek, Frank, pearl buttons, West Willington, Conn.  
 Park City Cornice Wks., Inc., 56 McKinley av, Bridgeport, Conn.  
 Park City Milling Co., flour, Bowling Green, Ky.  
 Park City Silverware Co., silver nov., Bridgeport, Conn.  
 Park Drop forge Co., 760 E. 79th, Cleveland, Ohio.  
 Park, Elizabeth D. (Est. of), lbr., Warren, N. H.  
 Park, H. C., architect, Ridgway, Pa.  
 Park Hardware Co., Warren, Ohio.  
 Park Iron Wks., 712 E. 136th, New York.  
 Park, Jas., & Co., contractors, Belle Plaine, Ia.  
 Park, Lawrence, architect, 8 Beacon, Boston, Mass., & Groton, Mass.  
 Park & McKay, plumbers' supplies—jobbers, 55 Bagley av, Detroit, Mich.  
 Park Mfg. Co., elevators, Charlotte, N. C.  
 Park Nov. Co., corrugated paper & boxes, 25th & Loest, Philadelphia, Pa.  
 Park Rapids Lumber Co., Minneapolis, Minn.  
 Park River Milling Co., flour, Park River, N. D.  
 Park & Tucker, brick, Avery, Ohio.  
 Park, W. R., & Son, mill & facty. supplies, Taunton, Mass.  
 Park, Walter L., architect, Taunton, Mass.  
 Park, Winton & True Co., sash, door & blind mfrs., Addison, N. Y.  
 Parke, David, architect, 300 Elysian av, Pittsburgh, Pa.  
 Parke, Davis & Co., camphor, disinfectants, Detroit, Mich.  
 Parke, John Y., & Co., metal nov. & spec., 29 N. 7th, Philadelphia, Pa.  
 Parker, A. A., machinist, Waterford, N. Y.  
 Parker & Banfield, architects, Columbia Bldg., Portland, Ore.  
 Parker, Bateman & Chase, landscape architects, Clinton, Mass.  
 Parker Bell Lumber Co., Pilchuck, Wash.  
 Parker Boiler Co., Penna. Bldg., Philadelphia, Pa.  
 Parker Bros., machinists & founders, Meriden, Conn.  
 Parker Bros., cornices & skylights, Lyons, Ia.  
 Parker Bros., masons' & bldrs.' matls., Bloomington, Ill.  
 Parker Bros., toys, games & nov., Salem, Mass.  
 Parker Bros. Glass Mfg. Co., Bridgeton, N. J.  
 Parker, Byron, mill & facty. supplies, Hudson, N. Y.  
 Parker, C. H., Co., paints, enamels, varnishes, Valparaiso, Ind.  
 Parker, C. W., organs, Leavenworth, Kans.  
 Parker, Carl R., landscape archt., 465 Congress, Portland, Me.  
 Parker, Charles, Co., bathroom fixtures, coffee mills, etc., Meriden, Conn.  
 Parker, Chas. H., Co., enamels, paints & varnishes, Valparaiso, Ind.  
 Parker, Chas. N., architect, Electrical Bldg., Asheville, N. C.  
 Parker Clock Co., Meriden, Conn.  
 Parker Distilling Co., 213 Market, St. Louis, Mo.  
 Parker, E. E., & P., lbr., Reed's Ferry, N. H.  
 Parker, E. F., flour mills, Elihu, Ky.  
 Parker, E. L., & Nimmo Co., tin plate, metals, whol. hdwe., etc., 203 S. Charles, Baltimore, Md.  
 Parker, E. W., contractors, Tampa, Fla.  
 Parker, F. E., architect, Kemper Bldg., Kansas City, Mo.  
 Parker, Geo. D., machinery, Riverside, Cal.  
 Parker & Granville, muslin signs, Ithaca, N. Y.  
 Parker, Gurdon S., architect, 10 E. 43d, New York.  
 Parker, H., architect, Drexel Bldg., Philadelphia, Pa.  
 Parker, H. C., & Bro., lumber, Tenaha, Tex.  
 Parker, H. Hanley, decorative archt., 1710 Chestnut, Phila., Pa.  
 Parker & Hafner, nail lthr., insulating washers, Williamsport, Pa.  
 Parker, Hy., elastic surgical hosiery, 100 W. 23d, New York.  
 Parker-Hensel Engng. Co., machsts. & fndrs., Brunswick, Ga.  
 Parker, Ira, & Sons Co., paint, Oshkosh, Wis.  
 Parker Iron Wks., machsts. & fndrs., San Bernardino, Cal.  
 Parker, John, contractor, Norwalk, Ohio.  
 Parker, John H., Co., contractors, 315 4th av, New York.  
 Parker & Johnston, sash, door & blind, Logansport, Ind.  
 Parker, Jos., & Son Co., paper & pulp mill, New Haven, Conn.  
 Parker-Kellogg Lumber Co., 1017 Lbr. Exch., Minneapolis, Minn.  
 Parker, L. B., lbr. mfrs., Parkers, N. Y.  
 Parker Lumber Co., Findlay, Ohio.  
 Parker Machine Co., designers & builders of machinery, 221 High, Boston, Mass.  
 Parker Mach. & Fan Wks., Kansas City, Kans.  
 Parker, Martin, Co., architects, Beaumont, Tex.  
 Parker Milling Co., flour, Parker's Landing, Pa.  
 Parker, N. D., & Sons, lumber mfrs., Mantua, Ohio.  
 Parker Orene Co., distillers, Covington, Ky.  
 Parker, P. N., fertilizer mfrs., Gainesville, Ga.  
 Parker & Page Co., lumber, 40 First, E. C. Boston, Mass.  
 Parker Pen Co., fountain pens, Janesville, Wis.  
 Parker Plow Co., machsts. & fndrs., Richmond, Mich.  
 Parker, Preston & Co., waterproofing matls., Norwich, Conn.  
 Parker Quarries Co., crushed stone, Macon, Ga.  
 Parker, R. S., architect, Kemper Bldg., Kansas City, Mo.  
 Parker Refining Co., soap, 1307 W. 11th, Cleveland, Ohio.  
 Parker-Russell Mining & Mfg. Co., brick, locomotive tiles, gas retorts, etc., Laclede Gas Light Bldg., St. Louis, Mo.  
 Parker & Stearns, lbr., Johnson, Vt.  
 Parker, Stearns & Co., rubber goods, 286 Sheffield av, Brooklyn, N. Y.  
 Parker Supply Co., sheet metal screws, 785 E. 135th, New York.  
 Parker, Surry, machinist, Pinetown, N. C.  
 Parker, T. M., burning brands, presses, etc., Hartford, Conn.  
 Parker, Thos., Co., stone producers, wkrs. & dhrs., 1259 Flushing av, Brooklyn, N. Y.  
 Parker, Thomas, & Rice, architects, 110 State, Boston, Mass., & Union Trust Bldg., Baltimore, Md.  
 Parker & Topping Co., machinists, Brainerd, Minn.  
 Parker, V. C., & Son, contractors, Waycross, Ga.  
 Parker, W. B., canned goods, Denton, Md.  
 Parker, W. H., architect, Greenville, Miss.  
 Parker W. T. Mfg. Co., patterns, Springfield, Ohio.  
 Parker-Washington Co., contrs., 2309 Penn av, Kans. City, Mo.  
 Parker, Webb & Co., meat pkrs, 20th & Mich. av, Detroit, Mich.  
 Parker White Metal & Machine Co., Erie, Pa.  
 Parker, Wm., contractor, Norwalk, Ohio.  
 Parker, Wm. Stanley, architect, 120 Boylston, Boston, Mass.  
 Parker, Wilson B., architect, Board of Trade Bldg., Indianapolis, Ind.  
 Parker Wire Goods Co., hooks, screws, etc., Worcester, Mass.  
 Parker, Walter, architect, 12 Geary, San Francisco, Cal.  
 Parker-Young Co., masons' & bldrs.' matls., Lisbon, N. H.  
 Parkersburg Iron & Steel Co., corrugated, Parkersburg, W. Va.  
 Parkersburg Machine Co., Parkersburg, W. Va.  
 Parkersburg Mattress Co., Parkersburg, W. Va.  
 Parkersburg Mill Co., butchers' blocks, Parkersburg, W. Va.  
 Parkersburg Rig & Reel Co., irons, Parkersburg, W. Va.  
 Parkes File Co., 117 Verona av, Newark, N. J.  
 Parkes-King Bldg. Co., Investment Bldg., Los Angeles, Cal.  
 Parkesburg Iron Co., iron rolling mills, Parkesburg, Pa.  
 Parkesburg Stamping & Mfg. Co., stamping & stamped goods, Parkesburg, Pa.  
 Parkhurst, J. F., & Son Co., trunks, Bangor, Me.  
 Parkhurst, L. D., knives, Danielson, Conn.  
 Parkins, E. P., machinist, Dickey, Ga.  
 Parkins, W. B., flour mills, Maysville, Ark.  
 Parkinson, Chas., Inc., contractor, 67 Greenwich, New York.  
 Parkinson & Dockendorff, architects, La Crosse, Wis.  
 Parkinson, Edw., Mfg. Co., mill & facty. supplies, 84 Sprague Providence, R. I.  
 Parkinson, John, architect, Security Bldg., Los Angeles, Cal.  
 Parks, Alexander, flour mills, Martinsburg, W. Va.  
 Parks Ball Bearing Machine Co., wood working machy., Knowlton & Fergus, N. S., Cincinnati, Ohio.  
 Parks & Bros., canned goods, Kinsale, Va.  
 Parks, C. M., machst., West Manchester, Ohio.  
 Parks, G. M., Co., mill & facty. supplies & hgt. contrs., Fitchburg, Mass.  
 Parks, Geo., & Sons Co., contractors, 217 15th, Buffalo, N. Y.  
 Parks & Jeffreys, brick, Graham, N. C.  
 Parks, M. H., & Co., barrel covers, Winchendon, Mass.  
 Parks & Parks, shoe brushes, racks, tongs, etc., Troy, N. Y.  
 Parks & Woolson Machine Co., Springfield, Vt.  
 Parkston Canning Co., Parkston, S. D.  
 Parkyn & Sons, masons' & bldrs.' matls., Palisades Park, N. J.  
 Parlee, H. C., & Co., window screens, 25 Haverhill, Boston, Mass.  
 Parlett & Parlett Co., masons' & bldrs.' matls., Annapolis, Md.  
 Parlette, H. Leslie, overhead trolleys, Media, Pa.  
 Parliman, Lawrence E., masons' & bldrs.' matls., Sea Cliff, N. Y.  
 Parlin & Orendorff Co., agricultural implements, Canton, Ill.  
 Parlor Furniture & Mattress Co., Fremont, Neb.  
 Parlor Golf Co., toys, games & novelties, Hoboken, N. J.  
 Parlor Pride Mfg. Co., stove polish, North Andover, Mass.



- Parlow, W. E., architect, Cape Girardeau, Mo.  
 Parmalee Wrench Co., 2515 W. Monroe, Chicago, Ill.  
 Parmalee, M. E., & Son, architects, Knoxville, Tenn.  
 Parmalee, S. S., Co., carriages, Macon, Ga.  
 Parmelee Tool Co., machsts., 2515 W. Monroe, Chicago, Ill.  
 Parmelee, Z. L., Co., machsts., 217 E. 17th, Los Angeles, Cal.  
 Parmenter Fender & Wheel Guard Co., 89 State, Boston, Mass.  
 Parrigoni Bros., granite, Barre, Vt.  
 Parr Lumber Co., window screens, St. Johns, Mich.  
 Parr, Wm., & Co., masons' & bldrs.' matls., Galveston, Tex.  
 Parr, Wm., & Son, aprons, Lowell, Mass.  
 Parrett Tractor Co., traction engines, 343 S. Dearborn, Chicago, Ill.  
 Parris, C. S., archt. iron, 7 Province Ct., Boston, Mass.  
 Parrish, J. O., Lumber Co., Shelbyville, Ind.  
 Parrish, S. H., & Co., stained glass substitutes, 202 S. Clark, Chicago, Ill.  
 Parrish, W. S., flour mills, San Luis, Colo.  
 Parrott & Hahn, machsts., Olympia, Wash.  
 Parrott Heater Co., 64 West High, Detroit, Mich.  
 Parrott, Matt., & Sons Co., desk calendars, Waterloo, Ia.  
 Parrott, Richard, dock bldrs., Newburgh, N. Y.  
 Parrott & Smith, cornices & skylights, Owatonna, Minn.  
 Parrott Varnish Co., Bridgeport, Conn.  
 Parrott, Wm., dock bldrs., Newburgh, N. Y.  
 Parrott, Wm., & Co., lbr., Produce Exch., New York.  
 Parry, A. N., & Co., auto. mountings, Amesbury, Mass.  
 Parry Brick Co., 166 Devonshire, Boston, Mass.  
 Parry & Jones Co., brick & granite, Rome, N. Y., & Barre, Vt.  
 Parry, Jos., & Sons Co., contractors, Ogden, Utah.  
 Parry Mfg. Co., auto. truck trailers, wagons, etc., Indianapolis, Ind.  
 Parry, Oliver R., architect, 115 B'way, New York, & 1631 Chestnut, Philadelphia, Pa.  
 Parry, Sam'l R., machst., Rochester, N. Y.  
 Parry, W. B., & Son, whol. hdwe., 200 Seneca, Utica, N. Y.  
 Parsche, F. X., & Son, glassware, 1434 Orleans, Chicago, Ill.  
 Par-Sil Metal Co., brush holders, Lansdale, Pa.  
 Parson Mfg. Co., pneu. conveyors, 149 B'way, New York.  
 Parsons, Anthony, architect, Wausau, Wis.  
 Parsons Bros. Slate Co., roofing, Pen Argyl, Pa.  
 Parsons, C. H., Co., bags & bagging, 78 Water, New York.  
 Parsons, C. Howard archt., Phoenix Bldg., Minneapolis, Minn.  
 Parsons, F. F., Architectural Co., 115 N. Lawrence av, Wichita, Kans.  
 Parsons, Floyd Y., architect, 1133 B'way, New York.  
 Parsons Fdry. Co., Bridgeport, Conn.  
 Parsons, G. E., architect, 93 Federal, Boston, Mass.  
 Parsons, G. W., Co., R. R. ditching machs., Newton, Pa.  
 Parsons, Grant, contractor, 5303 N. 42d, Omaha, Neb.  
 Parsons & Hamilton, soap, Santa Cruz, Cal.  
 Parsons, J. H., boiler compounds, 122 S. Michigan av, Chicago, Ill.  
 Parsons, Jas. L., contractor, Munsey Bldg., Washington, D. C.  
 Parsons Lumber Co., Rockford, Ill.  
 Parsons Machinery Co., Marlboro, Mass.  
 Parsons Mfg. Co., boxes & box shooks, Chelsea, Mass.  
 Parsons Mfg. Co., hdwe. mfrs., 411 S. Clinton, Chicago, Ill.  
 Parsons Marine Steam Turbine Co., 97 Cedar, New York.  
 Parsons, P., boilers, Shreveport, La.  
 Parsons Paper Co., Holyoke, Mass.  
 Parsons Pulp & Lumber Co., fibre & screening paper, Finance Bldg., Philadelphia, Pa.  
 Parsons, Robert E., architect, 28 E. 48th, New York, & 371 B'way Flushing, N. Y.  
 Parsons, Samuel, & Co., landscape architects, 101 Park av, New York.  
 Parsons Specialty & Machine Wks., metal stamping & hardware specialties, 2427 N. 4th, Philadelphia, Pa.  
 Parsons, T. G., sashes, doors & blinds, Kent, Ohio.  
 Parsons, W. A., & Co., cash boxes, Durham Center, Conn.  
 Parsons Wagon Co., Earlville, N. Y.  
 Parten-Blomstrom Mfg. Co., machsts., 249 6th av., S., Minneapolis, Minn.  
 Partenheimer, Otto, metal spinn'g, 2 Howard, New York.  
 Partin, W. E., machst. & fndr., Dardanelle, Ark.  
 Partola Mfg. Co., chemicals, 160 2d av, New York.  
 Partrick & Wilkins Co., tank alarms, 51 N. 7th, Phila., Pa.  
 Partridge, C. M., & W. A., masons' & bldrs.' matls., Rockport, Ind.  
 Partridge, C. S., Hardware Co., Mobile, Ala.  
 Partridge, Edw. O., bench & emery grinders, etc., 2047 Lake, Chicago, Ill.  
 Partridge, Jere., stone producers, Narrowsburg, N. Y.  
 Partridge Smelter Co., smelting furnaces, Denver, Colo.  
 Partridge, T. M., Lbr. Co., 730 Lbr. Ex., Minneapolis, Minn.  
 Parvin & Co., steel struct. wks., Stephen Girard Bldg., Phila., Pa.  
 Pasadena Canning Co., Pasadena, Cal.  
 Pasadena Mfg. Co., lattice work, Pasadena, Cal.  
 Pasadena Milling Co., flour, Pasadena, Cal.  
 Pasquini, Attello, contractor, Madison av & 42d, New York.  
 Pash, Martin, masons' & bldrs.' matls., Wanatah, Ind.  
 Pashley, Alfred F., architect, 431 S. Dearborn, Chicago, Ill.  
 Pasman Valve Co., Jersey City, N. J.  
 Pasold, John I., stone prod., Decatur, Ill.  
 Pasquale, B., & Co., badges & emblems, 115 Post, San Fran., Cal.  
 Pass, Geo., & Son, architects, Mankato, Minn.  
 Pass & Seymour, conduit hangers, Solvay, N. Y.  
 Passaic Artistic Iron Wks., Passaic, N. J.  
 Passaic Cotton Mills, tire fabrics, cotton duck, etc., 120 B'way, New York.  
 Passaic Knitting Wks., Garfield, N. J.  
 Passaic Metal Fare Co., litho metal boxes, Passaic, N. J.  
 Passaic Print Wks., bunting & flag mfrs., Passaic, N. J.  
 Passaic Struct. Steel Co., Paterson, N. J.  
 Passe, F. J., brick, Preston, Minn.  
 Passera Bros., granite, Williamstown, Vt.  
 Passmore, H. T., lbr., Bath, Me.  
 Passolt, Hy., Co., potash, soap, Saginaw, Mich.  
 Passow & Sons, store fixtures, 832 W. Madison, Chicago, Ill.  
 Passumpsic Fibre Leather Co., Passumpsic, Vt.  
 Pastoret Construction Co., Duluth, Minn.  
 Patapsco Guano Co., fertilizer mfrs., Vickers Bldg., Balto., Md.  
 Patapsco Iron Works, iron works, Baltimore, Md.  
 Patapsco Oil & Grease Co., 109 Cheapside, Baltimore, Md.  
 Patch, A. H., agricultural implements, Clarksville, Tenn.  
 Patch, Chas. E., architect, 52 Kilby, Boston, Mass.  
 Patch & Co., granite, Adamant, Vt.  
 Patch, Dan, Nov. Co., children's vehicles, Connorsville, Ind.  
 Patch, F. R., Mfg. Co., machsts. & fndrs., Rutland, Vt.  
 Patch, S. B., & Sons Co., machsts. & fndrs., Streator, Ill.  
 Patchett, J. P., canned goods, Federalburg, Md.  
 Patchett, Tom., machst. & fndr., Stoneham, Mass.  
 Patchin, C. P., & Co., masons' & bldrs.' matls., Middlefield, O.  
 Patchogue Trunk Wks., Patchogue, N. Y.  
 Pate, Charles J., architect, Wichita Falls, Tex.  
 Pate & Co., turpentine, Worth, Ga.  
 Pate, D. S., Lumber Co., 11 S. La Salle, Chicago, Ill.  
 Pate, Z. V., fertilizer, Laurel Hill, N. C.  
 Patek Bros., plate glass, 232 E. Water, Milwaukee, Wis.  
 Patelski, Erich J., architect, 167 W. Washington, Chicago, Ill.  
 Patent Brick Co., Merchant Exch., San Francisco, Cal.  
 Patent Button Co., Waterbury, Conn.  
 Patent Cereals Co., Geneva, N. Y.  
 Patent Novelty Co., clothes line reels, Fulton, Ill.  
 Patent Pearl Wks., buttons, 948 B'way, New York.  
 Patent Specialty Supply Co., fdry. chaplets, Shushan, N. Y.  
 Patent Volcanite Roofing Co., roofing cements, felts, rubber, etc., 49th & Oakley av, Chicago, Ill.  
 Paterno & Son Contg. Co., 128 Convent av, New York.  
 Paterson-Boardman & Knapp, plumbago, 10 Bridge, New York.  
 Paterson Clay Products Co., brick, Clearfield, Pa.  
 Paterson Crushed Stone Co., Morristown, N. J.  
 Paterson Fdry. Co., Paterson, N. J.  
 Paterson, Geo. B., buckwheat & wheat flour, Burdett, N. Y.  
 Paterson-Leitch Co., concrete reinforcing supplies & elev. gates, 936 E. 67th, Cleveland, Ohio.  
 Paterson Monumental Works, Bellefontaine, Ohio.  
 Paterson Parchment Paper Co., Passaic, N. J.  
 Paterson Reed & Harness Co., Paterson, N. J.  
 Paterson Supply Co., mill & facty. supplies, Paterson, N. J.  
 Paterson Vehicle Co., auto windshields, Paterson, N. J.  
 Paterson, W. A., Co., automobile bldrs., Flint, Mich.  
 Paterson, Wm., contractor, 47 Orange, New Haven, Conn.  
 Pathe Exchange, moving picture films, 25 W. 45th, New York.  
 Pathe Freres Phono Co., talking machines, 29 W. 38th, New York.  
 Pathfinder Co., automobile bldrs., Indianapolis, Ind.  
 Pathie, Wm., Co., metal signs, bronze tablets, etc., Worcester, Mass.  
 Patlajohn, L., Roofing Co., cornices, 657 Antoinil, Detroit, Mich.  
 Paton, J., & Co., shingle bands, Cleveland, Ohio.  
 Patriarche & Bell, steel dlrs., 215 Pearl, New York.  
 Patric Furnace Co., Springfield, Ohio.  
 Patric, Milan W., machsts., Rochester, N. Y.  
 Patrick, F. A., & Co., woolen blankets, flannels, Duluth, Minn.  
 Patrick, Robt., Plumbing Co., htg. contrs., 3231 Cottage Grove av, Chicago, Ill.  
 Patrick & Shore, flour mills, Bodenham, Tenn.  
 Patrizio & Hendrickson, contractors, 340 E. 27th, New York.  
 Pattee Plow Co., Monmouth, Ill.  
 Patten Mfg. Co., machsts. & fndrs., Chattanooga, Tenn.  
 Patten Paper Co., Appleton, Wis.  
 Patten, Paul B., Co., heating contrs., Salem, Mass.  
 Patten, S. G., lbr., Alexandria & Alsted, N. H.  
 Patterson, A. W., architect, Carthage, N. Y.  
 Patterson, Alex., masons' & bldrs.' matls., 3036 W. 6th, Cincinnati, Ohio.  
 Patterson-Allen Engng. Co., gauge cocks, 2 Rector, New York.  
 Patterson, B. C., architect, Barnesville, Ohio.  
 Patterson Bros., mill & facty. supplies, wholesale hdwe., 27 Park row, New York.  
 Patetson Bros., potteries, Wellsville, Ohio.  
 Patterson Building Co., Akron, Ohio.  
 Patterson, C. A., architect, Winona, Minn.  
 Patterson, C. R., & Sons, carriages, Greenfield, Ohio.  
 Patterson, C. T. Co., Ltd., mill & facty. supplies, 801 Tchoupitoulas, New Orleans, La.  
 Patterson, Carlross, architect, 127 Madison av, Memphis, Tenn.  
 Patterson, D. W., feed water purifiers, Harrison Bldg., Philadelphia, Pa.  
 Patterson, Daniel J., architect, 46 Kearny, San Francisco, Cal.  
 Patterson & Dula, architects, 15 E. 40th, New York.



- Patterson, Edward M., architect, 1 Montgomery, Jersey City, N. J.
- Patterson Foundry & Machine Co., East Liverpool, Ohio.
- Patterson, Frank L. & Co., mach'y, 26 Cortlandt, New York.
- Patterson, Fred'k A., architect, Bangor & Waterville, Me.
- Patterson, G. W. S., & Co., varnish gums & wood oils, 135 Front, New York.
- Patterson, Geo. B., Coal & Supply Co., masons' & bldrs.' matls., Wellsville, Ohio.
- Patterson Glass Mfg. Co., window, Cameron, W. Va.
- Patterson, Gottfried & Hunter, mill & facty. supplies, wholesale hdwe., 211 Centre, New York.
- Patterson, H. M., architect, O. T. Johnson Bldg., Los Angeles, Cal.
- Patterson & Harral, wholesale hdwe., 88 White, New York.
- Patterson, Jas. E., & Co., masons' & bldrs.' matls., Wilkes-Barre, Pa.
- Patterson-Kiser Seat Co., Greensboro, N. C.
- Patterson Lubricating Co., 114 Broad, Boston, Mass.
- Patterson Mfg. Co., agricultural implements, Holly, Mich.
- Patterson Mfg. Co., boxes curb, Keystone Bldg., Pittsburgh, Pa.
- Patterson Mfg. Co., cotton sheeting, China Grove, N. C.
- Patterson Mfg. Co., hammock mfrs., E. Indiana cor A, Philadelphia, Pa.
- Patterson, Melville C., architect, Decatur, Ill.
- Patterson Monumental Wks., stone producers, Bellevue, Ohio.
- Patterson-Sargent Co., paint mfrs., E. 38th, Cleveland, Ohio.
- Patterson & Schroeder Supply Co., machsts.' tools, 560 W. Van Buren, Chicago, Ill.
- Patterson & Shaw, contractors, 30 E. Robinson, Pittsburgh, Pa.
- Patterson & Stirling, fndrs., Erie, Pa.
- Patterson, T. H. (Est. of), masons' & bldrs.' matls., Joliet, Ill.
- Patterson, Thos. D., mattresses, 89 Manhattan, New York.
- Patterson, Thos. G., pack'g box mfrs., 637 W. 55th, New York.
- Patterson Tool & Supply Co., machinery dealers, Dayton, Ohio.
- Patterson, W. W., Co., tackle blocks, 54 Water, Pittsburgh, Pa.
- Pattiani, A. W., architect, 625 Market, San Francisco, Cal.
- Pattillo Lumber Co., Atlanta, Ga.
- Pattin Bros. Co., machinists, Marietta, Ohio.
- Pattinson Mfg. Co., machsts. & fndrs., 48 Stanhope, Boston, Mass.
- Pattison Bros. Ky. Bourbon Dist. Co., Covington, Ky.
- Pattison, J. L., & Co., elec. light. fix. mfrs., 552 W. Jackson blvd, Chicago, Ill.
- Pattison, Louis E., sash, door & blind, Webster, Mass.
- Pattison Oil Co., lubrg., 27 Woodward av, Detroit, Mich.
- Pattison, Oscar A., contractor, N. Y. blk, Seattle, Wash.
- Pattison, W. M., Supply Co., mill & facty. supplies, 777 Rockwell av, Cleveland, Ohio.
- Patton-Black Mfg. Co., mattresses, Jackson, Tenn.
- Patton-Bowman Hardware Co., Omaha, Neb.
- Patton Clay Mfg. Co., brick, etc., Patton, Pa.
- Patton & Co., lbr. mfrs., Albany, N. Y.
- Patton, Holmes & Flinn, architects, 8 S. Dearborn, Chicago, Ill.
- Patton, Jas. E., Co., plate glass, 486 Market, Milwaukee, Wis.
- Patton Milling Co., flour, Catlettsburg, Ky.
- Patton Paint Co., paint mfrs., 213 Lake, Milwaukee, Wis.
- Patton, R. B., architect, South Pittsburg, Tenn.
- Patton, R. J., & Co., flags, 222 E. 4th, Cincinnati, Ohio.
- Patton, S. E., architect, Caples Bldg., El Paso, Tex.
- Patton, Wm., architect, Newark, Ohio.
- Patton, Wm. Howe, architect, Parkersburg, W. Va.
- Patzig, August, & Son, arch'l photographers, 238 Hancock av, Jersey City, N. J.
- Pauck, E., Machine Co., button machinery, 3440 Summit av, Toledo, Ohio.
- Paukin, John, Broom Co., Maumee, Ohio.
- Paul, A. S., sash, door & blind, Cle Elum, Wash.
- Paul, Andrew G., Co., htg. contrs., 131 State, Boston, Mass.
- Paul Bros. Co., contractors, Citizens' Bldg., Cleveland, Ohio.
- Paul Casket Co., Cambridge City, Ind.
- Paul, D. W., & Co., masons' & bldrs.' matls., 11842 Parnell av, Chicago, Ill.
- Paul, Edw. E., Co., contractors, 101 Park av, New York.
- Paul & Ford, architects, 220 S. 4th, Philadelphia, Pa.
- Paul & Fulton, hooks, 31 W. Kinzie, Chicago, Ill.
- Paul, G. A., cornices & skylights, Pana, Ill.
- Paul & Henry Constr. Co., Barberton, Ohio.
- Paul, Henry S., architect, Portsmouth, N. H.
- Paul, Herman L., machsts. & fndrs., 159 E. 128th, New York.
- Paul, J. C., & Co., metal polish, 130 N. 5th av, Chicago, Ill.
- Paul & Post, masons' & bldrs.' matls., Washington, Pa.
- Paul Steam System, Hickox Bldg., Cleveland, Ohio.
- Paul, W. E., cornices & skylights, Portsmouth, N. H.
- Paulding Lumber Co., Paulding, Ohio.
- Pauls, G. E., architect, Columbia, Pa.
- Pauli, Augustus C., architect, 331 Madison av, New York.
- Pauli, Frank M., Co., contractors, 40 Shipherd av, Detroit, Mich.
- Pauli, Hermann, varnish gums, 80 Pine, New York.
- Pauline, F. S., & Co., stone producers, Cannelton, Ind.
- Pauline Mills, cotton damasks, Kings Mountain, N. C.
- Pauline Oil & Fertilizer Co., cottonseed meal, Pauline, S. C.
- Paulissen, J. P., contractor, Kankakee, Ill.
- Paulissen Mfg. Co., sash, door & blind, Kankakee, Ill.
- Paul's Brick Co., El Paso, Tex.
- Paulsen, Hans, brick, Rock Island, Ill.
- Paulsen, Hy. F., contrs., Rock Island, Ill.
- Paulson, Thos., & Son, machsts. & fndrs., 97 2d av, Bklyn., N. Y.
- Paulu, John, architect, Station D. R. T., Milwaukee, Wis.
- Paulus, John, bags & suitcases, 655 N. May, Chicago, Ill.
- Paulus, John D., architect, 408 Olive, St. Louis, Mo.
- Paulus, Jos. C., & Co., mill & facty. supplies, 2507 Potter, Philadelphia, Pa.
- Paulus, Peter, wholesale hdwe., 499 E. Water, Milwaukee, Wis.
- Pauly Bros., patterns, Springfield, Ohio.
- Pauly, Charles, architect, Edwardsville, Ill.
- Pauly, Chas., & Son, architects, Granite City, Ill.
- Pauly & Ipsen, contractors, Springfield, Mo.
- Pauly Jail Bldg. Co., steel jail & cell work, 2215 De Kalb, St. Louis, Mo.
- Paunack, Edw. F., contractor, Madison, Wis.
- Paundre, H., machst. & fndr., Coal Gate, Okla.
- Pause, P., & Co., glass & elec. signs, 400 W. Erie, Chicago, Ill.
- Paussek & Carr, glass stainers, St. Paul, Minn.
- Pavo Fertilizer Co., Pavo, Ga.
- Pavyer Printing Mach. Co., Broadway Poplar, St. Louis, Mo.
- Pawhuska Mill & Elevator Co., flour, Pawhuska, Okla.
- Pawhuska Vittrified Brick & Tile Co., Pawhuska, Okla.
- Pawling, Geo. F., & Co., contractors, 1432 S. Penn sq, Philadelphia, Pa.
- Pawling & Harnischfeger, electric cranes, hoists, etc., Milwaukee, Wis.
- Pawnee Land & Lumber Co., Pawnee, La.
- Pawson, J. E., & Co., contractors, Ft. Wells av, Yonkers, N. Y.
- Pawtucket Braided Line Co., Pawtucket, R. I.
- Pawtucket Mfg. Co., bolt, nut & rivet mfrs., Pawtucket, R. I.
- Pawtucket Mordant Co., soluble oils, paste, etc., Pawtucket, R. I.
- Pawtucket Sash & Blind Co., Pawtucket, R. I.
- Pawtucket Spinning Ring Co., Pawtucket, R. I.
- Paxson, Edward S., architect, 729 Walnut, Philadelphia, Pa.
- Paxson, J. W., Co., foundry supplies & equipment, 1021 N. Delaware av, Philadelphia, Pa.
- Paxton Canning Co., Paxton, Ill.
- Paxton & Gallagher Co., wholesale hdwe. & machsts.' tools & supplies, Omaha, Nebr.
- Paxton, John C., lime mfrs., Toms Brook, Va.
- Paxton-Mitchell Co., packing (metallic), Omaha, Neb.
- Paxton & O'Neill, machsts., 541 N. 3d, Philadelphia, Pa.
- Paxton & Vierling Iron Wks., lamp posts, Omaha, Neb.
- Paxton, Wm. L., sash, door & blind mfr., 128 Wakeman av, Newark, N. J.
- Pay, Chas., & Co., machsts., 307 S. Water, Providence, R. I.
- Paye & Baker Mfg. Co., silver novelties, North Attleboro, Mass.
- Payne & Adams, architects, New Haven, Conn.
- Payne Bros., steel structural wk., cor. av D, Newark, N. J.
- Payne Bldg. Co., 8th & Plume, Cincinnati, Ohio.
- Payne & Co., excelsior mfrs. & sea moss, Dayton, Ohio.
- Payne Dental & Surgical Mfg. Co., surgical instruments, Matthews, Yonkers, N. Y.
- Payne, E. C., Lumber Co., New Decatur, Ala.
- Payne, E. F., & Son, fishing rods, Highland Mills, N. Y.
- Payne, E. Scott, Co., whol. hdwe., 362 N. Gay, Baltimore, Md.
- Payne & Estes, flour mills, Eubank, Ky.
- Payne, F. S., Co., freight elevators, 295 Franklin, Boston, Mass.
- Payne, F. T., cornices & skylights, Dallas, Tex.
- Payne, Geo. F., & Co., contractors, 401 S. Juniper, Phila., Pa.
- Payne, Geo. H., leaded glass, Paterson, N. J.
- Payne, Geo. W., & Co., textile machy., Pawtucket, R. I.
- Payne, Geo. W., & Son, architects, Carthage, Ill.
- Payne, H. J., contractor, Caswell blk, Milwaukee, Wis.
- Payne & Joubert Machine & Fdry. Co., Howard & Euprosine, New Orleans, La.
- Payne Mfg. & Canning Co., Payne, Ohio.
- Payne & Scammell, contractors, Land Title Bldg., Phila., Pa.
- Payne & Spinaler, common brick, Drakes Branch, Va.
- Payne, W. J., contractor, 7 Beltzhoover av, Pittsburgh, Pa.
- Payne's Bolt Works, 133 Howard, San Francisco, Cal.
- Payograph Co., cash paying machines, 105 3d av, Detroit, Mich.
- Payson, Geo. H., masons' & bldrs.' matls., Englewood, N. J.
- Payson Mfg. Co., knobs, hinges, locks, door pulls, etc., 2920 Jackson blvd, Chicago, Ill.
- Payson Varnish Co., 141st & Walnut av, New York.
- Payton Bros. Lumber Co., Saline, La.
- Peyton, Jno. B., lbr., Trinity, Tex.
- P. C. W. Mfg. Co., window anti-rattlers, York, Pa.
- Pea Ridge Milling Co., Pea Ridge, Ark.
- Peabody Anti-Dust Co., sweeping compounds, Peabody, Mass.
- Peabody & Buland, lumber, Castle Rock, Wash.
- Peabody, E. A., & Son, contractors, Bay State Bldg., Lawrence, Mass.
- Peabody, Geo. L., contractor, 6101 Penn av, Pittsburgh, Pa.
- Peabody, Hy. W., & Co., hdwe. mfrs., shellac, etc., 17 State, New York.
- Peabody Leather Co., machsts. & fndrs., Peabody, Mass.
- Peabody, S. J., Lbr. Co., Columbia City, Ind.
- Peabody School Furniture Co., North Manchester, Ind.
- Peabody & Stearns, architects, 53 State, Boston, Mass.
- Peabody, Wilson & Brown, architects, 389 5th av, New York.
- Peace Bros., contractors, 20 Main, Flushing, N. Y.
- Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.
- Peach, J. A., sporting & athletic gds. mfrs., Gloversville, N. Y.
- Peacock & Co., turpentine, Climax, Ga.



Peacock, Kelly & Co., turpentine, Vidalia, Ga.  
 Peacock Mill Co., flour, Freewater, Ore.  
 Peagler, H. M., turpentine, Homerville, Ga.  
 Peak, C. W., wood alcohol, Peakville, N. Y.  
 Peak, Cyrus, stone producers, Long Eddy, N. Y.  
 Peak, Hy., butchers' blocks, Peabrook, N. Y.  
 Peak Lumber Co., sash, door & blind, Lynchburg, Va.  
 Peale-Coryell Lbr. Co., 200 5th av, New York.  
 Pear, C. A., architect, Pittsburgh Bldg., St. Paul, Minn.  
 Pearce Bros., contrs., Rockford, Ill.  
 Pearce, Chas. W., machsts., Scranton, Pa.  
 Pearce, F. T., Co., gold pens, 85 Sprague, Providence, R. I.  
 Pearce, Fredk., Co., telegraphic instruments & elect'l apparatus, 20 Rose, New York.  
 Pearce, Geo. B., & Co., knitting mach., cylinders, etc., 2316 N. 8th, Philadelphia, Pa.  
 Pearce, H. B., architect, Arcade Bldg., Seattle, Wash.  
 Pearce, J. F., & Son, masons' & bldrs.' matls., 270 Jackson, St. Paul, Minn.  
 Pearce Mfg. Co., woolen blankets, Latrobe, Pa.  
 Pearce, W. H., & Co., meters, traps, etc., 333 S. Dearborn, Chicago, Ill.  
 Pearce, Wm., & Sons, machsts. & fndrs., Ogden, Utah.  
 Pearch, J., masons' & bldrs.' matls., Uhrichsville, Ohio.  
 Peare & Quiner, architects, 6 Beacon, Boston, Mass.  
 Pearl City Fruit Co., canners, Honolulu, Hawaii.  
 Pearl City Veneer Co., Jamestown, N. Y.  
 Pearl Clay Products Co., brick, Bradford, Pa.  
 Pearl Cotton Mills, East Durham, N. C.  
 Pearl Roller Mill Co., Oswego, Kans.  
 Pearlman Co., smelters & refiners, Clarksburg, W. Va.  
 Pearlman, Victor S., & Co., elec. light fix. mfrs., 75 E. Adams, Chicago, Ill.  
 Pearsall, A. B., lbr., Red Springs, N. C.  
 Pearsall & Co., fertilizer, Wilmington, N. C.  
 Pearse, Howard, meat packers, W. 46th & Packers av, Chicago, Ill.  
 Pearson, A. E., & Son, canned goods, Lottsburg, Va.  
 Pearson, Andrew P., stone producers, Oil City, Pa.  
 Pearson & Avera, lbr. mfrs., Zenith, Ga.  
 Pearson, Carl H., sash, door & blind mfrs., 193 Wallabout, Brooklyn, N. Y.  
 Pearson, E. Martin, machsts., nailing tools, Robbinsdale, Minn.  
 Pearson, Fred, & Co., plushes, Leverington & Wilde, Phila., Pa.  
 Pearson, Geo. T., architect, 427 Walnut, Philadelphia, Pa.  
 Pearson, H. T., contractor, Danville, Va.  
 Pearson, Harry & Son, contractors, Duluth, Minn.  
 Pearson, J. C., cornices & skylights, Shelbyville, Ind.  
 Pearson, J. C., Co., cement coated wire nails, Old South Bldg., Boston, Mass.  
 Pearson, J. H., Supply Co., mill & facty. supplies, 79 White, New York.  
 Pearson Jack, Co., mfrs. jacks, 185 Franklin, Boston, Mass.  
 Pearson, Jno. W., Co., armatures, 839 W. Lake, Chicago, Ill.  
 Pearson, Jos. T., tex. machy. (hosiery boards), packing box mfrs., 1825 E. Boston, Phila., Pa.  
 Pearson, Leroy, fndr., Portland, Pa.  
 Pearson Mfg. Co., tubular boilers, 800 Beaver, Pittsburgh, Pa.  
 Pearson-Mowbray Co., masons' & bldrs.' matls., Spokane, Wash.  
 Pearson, Olaf & Son, bldg. contrs., Duluth, Minn.  
 Pearson & Son, masons' & bldrs.' matls., Beaver Falls, Pa.  
 Pearson, T. Brooks, architect, Bankers Trust Bldg., Waco, Tex.  
 Pearson, W. A., mill & facty. supplies, Holyoke, Mass.  
 Pearson, Walter, machst., Whitman, Mass.  
 Pearson's, Saml. S., Sons, cornices & skylights, Ottawa, Ill.  
 Peart, Nields & McCormick Co., lbr. mfrs., Harrison Bldg., Phila., Pa.  
 Pearse, Austin W., architect, Fidelity Bldg., Portland, Me.  
 Pease, C. F., Co., engineering & surveying instruments, 220 W. Institute pl, Chicago, Ill.  
 Pease, C. R., Construction Co., Bd. of Trade Bldg., Indianapolis, Ind.  
 Pease Co., granite prod., Milford, N. H.  
 Pease, E. H., Mfg. Co., grain car loaders, Racine, Wis.  
 Pease, F. B., Co., ladders, vacuum cleaners, Rochester, N. Y.  
 Pease, Horace C., lumber, Hartford, Vt.  
 Pease, L. A., architect, Independence Bldg., Colorado Springs, Colo.  
 Pease, L. F., Co., loom aprons, yacht sails, 7 Crawford, Providence, R. I.  
 Pease Mfg. Co., sad irons, Cincinnati, Ohio.  
 Pease Piano Co., Leggett av & Barry, New York.  
 Pease, Sidney B., contr., Joliet, Ill.  
 Peaslee, D. G., lbr., Bradford, N. H.  
 Peaslee, E. E., lbr., Westville, N. H.  
 Peaslee-Gaillert Co., plate glass; paint mfrs., Louisville, Ky.  
 Peaslee, Horace W., architect, 808 17th, N. W., Washington, D. C.  
 Peasley, J. D., & Sons, lbr. mfrs., Creston, Wash.  
 Peats, Alf., Co., wall paper mfrs., 41 W. 14th, New York.  
 Peavey Mfg. Co., axes, cant-dogs, etc., Rangor, Me.  
 Peavy-Bryant Lumber Co., Shreveport, La.  
 Pech, Gustave, Fdry. & Mfg. Co., archl. iron, Le Mars, Ia.  
 Peching Belting Co., Orchard & Torsdle, Phila., Pa.  
 Peck, A. W., & J. F., lumber mfrs., Gloversville, N. Y.  
 Peck, Anderson & Peck Co., heating contrs., Court & Sycamore, Cincinnati, Ohio.  
 Peck, Asa, & Co., cotton waste, 556 Atwell av, Providence, R. I.

Peck, Benj. T., plumbers' supplies—jobbers, 251 Eddy, Providence, R. I.  
 Peck & Benson, contractors, 31 Clinton, Newark, N. J.  
 Peck Brick Co., Haverstraw, N. Y.  
 Peck Bros., Co., whol. hdwe., Montpelier, Vt.  
 Peck Bros., & Co., plumbers' supplies—jobbers, New Haven, Conn.  
 Peck-Burkett Lumber Co., masons' & bldrs.' matls., Danbury, Conn.  
 Peck, C. L., & Son, canned goods, Fincastle, Va.  
 Peck, C., & Son, stone producers, Toledo, Ohio.  
 Peck, Chas. F., architect, 5 E. 42d, New York.  
 Peck, E. E. & Co., soft metal rivets, Batavia, N. Y.  
 Peck, E. W., & L. K. Co., machsts. & fndrs., Grand Rapids, Mich.  
 Peck, Frank B., Co., whol. hdwe., Hornell, N. Y.  
 Peck, Geo. W., Co., whol. hdwe., Bath, N. Y.  
 Pack Hardware Co., Canandaigua, N. Y.  
 Peck Hdwe. Mfg. Co., Christmas tree holders, Berlin, Wis.  
 Peck, J. S., & Son, interior finish, Cardington, Ohio.  
 Peck, John L., & Co., machsts., New Haven, Conn.  
 Peck, Laurence F., architect, 15 E. 40th, New York.  
 Peck Lbr. Mfg. Co., sash, door & blind mfrs., Scranton, Pa.  
 Peck & McKay, contractors, Brockton, Mass.  
 Peck, McWilliams & Co., masons' & bldrs.' matls., Norwich, Conn.  
 Peck & Mack Co., whol. hdwe., 356 B'way, New York.  
 Peck Mill & Grain Co., flour, Jefferson City, Tenn.  
 Peck, N., & W. J. Co., masons' & bldrs.' matls., 103 Park av, New York.  
 Peck, Stow & Wilcox Co., tobacco counter cutters, Southington, Conn.  
 Peck, Theo. B., architect, 65 Bank, Waterbury, Conn.  
 Peck & White, carriages, Taunton, Mass.  
 Peck & Young Mfg. Co., screw machine prods., Forestville, Conn.  
 Pecke & Pratt, canned goods, Hilton, N. Y.  
 Peckham, Harry, Jr., hfg. contrs., 209 Milwaukee, Chicago, Ill.  
 Peckham Mfg. Co., metal surfacers, polishing leather, etc., 244 South, Newark, N. J.  
 Peckham, Wolf & Co., lumber mfrs., Schenectady, N. Y.  
 Peckinpaugh, Harrison & Co., plow beams, handles—wood, Alton, Ind.  
 Pecora Paint Co., 4th & P. & R. R. R., Phila., Pa.  
 Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex.  
 Pecos Valley Farm Products Co., canned goods, Dayton, N. Mex.  
 Pecos Valley Lbr. Co., Roswell, N. Mex.  
 Pecoto Packing Co., canned goods, Indianapolis, Ind.  
 Peddle, Chas. R., architect, 136 S. 4th, Phila., Pa.  
 Peden Iron & Steel Co., San Antonio, Tex.  
 Peden, W. H., Excelsior Co., Fredericksburg, Va.  
 Pedersen, J. C., architect, Gering, Neb.  
 Pedersen Lubricator Co., surgical instruments, 636 1st av, New York.  
 Pederson, C. C., architect, Jamestown, N. Y.  
 Pederson, C., & Son, machsts., La Crosse, Wis.  
 Pederson & Grobben, sash, door & blind mfrs., 594 National av, Milwaukee, Wis.  
 Pederson, Hans, contractors, Seattle, Wash.  
 Pederson, N. P., cornices, Tacoma, Wash.  
 Pedigo & Garry, architects, Bluefield, W. Va.  
 Ped-O-Graph Co., duplicators, Gaff Bldg., Chicago, Ill.  
 Pedrick, Geo. C., brick, Flemington, N. J.  
 Pedrick, Harry Morrison, architect, Lansdowne, Pa.  
 Pedrick Tool & Machine Co., 3639 Lawrence, Phila., Pa.  
 Peebles, J. K., architect, Kevan Law Bldg., Norfolk, Va.  
 Peebles Paving Brick Co., Portsmouth, Ohio.  
 Pee Dee Brick & Tile Co., blue brick, Marion, S. C.  
 Pee Dee Iron Wks., machsts. & fndrs, Cheraw, S. C.  
 Peege, E., Julius, architect, 643 Oakland av, Milwaukee, Wis.  
 Peck & Velsor, powered licorice, 9 Gold, New York.  
 Peck's, S. H., Sons, agricultural implements, East Aurora, N. Y.  
 Peekskill Fire Brick Wks., Peekskill, N. Y.  
 Peekskill Stone Co., Peekskill, N. Y.  
 Peeling, Geo., paint mfr., Joliet, Ill.  
 Pelle Co., elevator & folding doors, gates, etc., Stewart av & Harrison pl, Brooklyn, N. Y.  
 Peoples Hardware Co., Savannah, Ga.  
 Peeps, Wm. H., architect, Charlotte, N. C.  
 Peer Mfg. Co., steam & vertical engines, Comstock, Mich.  
 Peerless Accessories Mfrs., air tire pumps, 1926 Wabash av, Chicago, Ill.  
 Peerless Alloy Co., metals, Denver, Colo.  
 Peerless Athletic Supply Co., 383 Pearl, Brooklyn, N. Y.  
 Peerless Automatic Machine Co., bolt, nut & rivet machy., Cleveland, Ohio.  
 Peerless Bedding Co., Bellefontaine, Ohio.  
 Peerless Belt Lacing Mach. Co., Swanson & Moore, Phila., Pa.  
 Peerless Belting Co., Indian Church rd, Buffalo, N. Y.  
 Peerless Blue Print Co., architect'l & engng. supplies, 341 5th av, New York.  
 Peerless Bread Machine Co., Sidney, Ohio.  
 Peerless Brick Co., Lebanon, Pa., & Seattle, Wash.  
 Peerless Brick Mach. Co., cement brick machines, 13 N. 6th, Minneapolis, Minn.  
 Peerless Broom Wks., 2243 W. Lake, Chicago, Ill.  
 Peerless Buggy Co., Owensboro, Ky.  
 Peerless Carbon Black Co., 1st Nat'l Bk Bldg., Pittsburgh, Pa.  
 Peerless Chandelier Works, Greensboro, N. C.



- Peerless Coal & Coke Co., Vivian, W. Va.  
 Peerless Drawn Steel Co., Massillon, Ohio.  
 Peerless Elec. Co., machsts., 550 W. Harrison, Chicago, Ill., & Warren, Ohio.  
 Peerless Fertilizer Co., Chestertown, Md.  
 Peerless Foundry, Hamilton, Ohio.  
 Peerless Fdry. Co., Indianapolis, Ind.  
 Peerless Freezer Co., Winchendon, Mass.  
 Peerless Granite Co., artificial stone laundry tubs, Town of Union, N. J., & Barre, Vt.  
 Peerless Handcuff Co., handcuff makers, Springfield, Mass.  
 Peerless Heater Co., 117 N. State, Chicago, Ill., & 7 Wood, Pittsburgh, Pa.  
 Peerless Husker Co., canning machy., 82 Terrace, Buffalo, N. Y.  
 Peerless Ice Machine Co., refrigerating machy., 72 W. Adams, Chicago, Ill.  
 Peerless Key Co., 176 Fulton, New York.  
 Peerless Lthr. Spec. Co., advertis'g nov. & spec., 54 Greene, New York.  
 Peerless Mach. Co., 1611 Racine, Racine, Wis., & Rockford, Ill.  
 Peerless Mach. Wks., Freeport, Ill.  
 Peerless Mach'y Co., 44 Binford, S. B., Boston, Mass.  
 Peerless Mfg. Co., paper towels & toilet paper, Norristown, Pa.  
 Peerless Mfg. Co., cameras, Norwalk, Conn.  
 Peerless Mfg. Co., machsts. & fndrs., Louisville, Ky.  
 Peerless Marine Motor Co., 10 Lock, Buffalo, N. Y.  
 Peerless Mill Supply Co., 25 Terrace, Buffalo, N. Y.  
 Peerless Milling Co., flour, Parkersburg, W. Va.  
 Peerless Moistener Co., envelope moisteners, 824 S. Claremont av, Chicago, Ill.  
 Peerless Motor Car Co., 660 Beacon, Boston, Mass., & Quincy av & E. 93d, Cleveland, Ohio.  
 Peerless Pacific Co., plumbers' supplies, etc., 6 N. Front, Portland, Ore.  
 Peerless Paint & Varnish Co., Hippodrome Annex, Cleveland, O.  
 Peerless Paper Co., Dayton, Ohio.  
 Peerless Paper Box Mfg. Co., 1137 W. 6th, Cleveland, Ohio.  
 Peerless Pattern & Machine Works, Delaware, Ohio.  
 Peerless Pattern Wks., models, 82 Gold, New York.  
 Peerless Piano Player Co., 316 Wabash av, Chicago, Ill.  
 Peerless Plush Mfg. Co., Paterson, N. J.  
 Peerless Portland Cement Co., Union City, Mich.  
 Peerless Printing Press Co., Palmyra, N. Y.  
 Peerless Roller Mills, flour, Austin, Minn.  
 Peerless Rubber Horseshoe Co., 1014 S. Kildare av, Chicago, Ill.  
 Peerless Rubber Mfg. Co., mallets, 31 Warren, New York.  
 Peerless Sand Co., H. W. Oliver Bldg., Pittsburgh, Pa.  
 Peerless Selling Co., water closet mfrs., Evansville, Ind.  
 Peerless Slate Co., Delta, Pa.  
 Peerless Statuary Co., potteries, Rahway, N. J.  
 Peerless Stock Powder Co., sheep dips, insecticides, Falls City, Neb.  
 Peerless Stove & Range Co., Columbus, Ohio.  
 Peerless Surface Mach. Co., 222 Washington, Newark, N. J.  
 Peerless Tool Co., shears, 1500 S. Western av, Chicago, Ill.  
 Peerless V-Belt Co., automobile belts, 608 S. Dearborn, Chicago, Ill.  
 Peerless Water Co., heaters, 7 Wood, Pittsburgh, Pa.  
 Peerless White Lime Co., Century Bldg., St. Louis, Mo.  
 Peerless Window Glass Co., Clarksburg, W. Va.  
 Peerless Wire Fence Co., Adrian, Mich.  
 Peerless Wire Goods Co., Lafayette, Ind.  
 Peery, W. E., whol. hdwe., Tazewell, Va.  
 Peet Bros., Mfg. Co., soap, 17th & Kansas av, Kansas City, Mo.  
 Peet, C. D., common brick, Ithaca, Mich.  
 Peet & Schuster Co., cornices, Springfield, Ohio.  
 Peffer, E. Z., contractor, Wilkinsburg, Pa.  
 Peglar Mfg. Co., machsts. & fndrs., Chattanooga, Tenn.  
 Pehrson Bros., Mill Co., lumber, Ferndale, Wash.  
 Peightan, Nevin, contractor, Huntington, Pa.  
 Peirce, A. H., cornices & skylights, Wellington, Ohio.  
 Peirce, A. S., lumber, Rhinelander, Wis.  
 Peirce City Lime Co., Peirce City, Mo.  
 Peirce Co., rubber substitutes, East Rochester, N. Y.  
 Peirce, J. Co., granite prod., Greenp't av & Newt'n creek, Brooklyn, N. Y.  
 Peirce, T. J. H., architect, Jackson Bldg., Providence, R. I.  
 Peirce, W. E., & Co., mill & facty. supplies, Milford, N. H.  
 Pierson Hardware Co., Pittsfield, Mass.  
 Pejepsco Paper Co., Brunswick, Me.  
 Peker, Chas. G., architect, 345 5th av, New York.  
 Pekin Canning Co., Salem, Ind.  
 Pekin Cooperage Co., Pekin, Ill.  
 Pekin Engine & Machine Works, Pekin, Ill.  
 Pekin Wagon Co., Pekin, Ill.  
 Pekor, Chas. F., throttle valves, Columbus, Ga.  
 Pekor Iron Works, Columbus, Ga.  
 Pelaggi, N., & Co., granite, Northfield, Vt.  
 Pelcher, Harry W., architect, Nat'l Bk. Bldg., Fort Richmond, N. Y.  
 Pelee Island Sand & Gravel Co., 1800 Scranton rd, Cleveland, O.  
 Pelham, Geo. F., architect, 30 E. 42d, New York.  
 Pelham Hod Elevat'g Co., 416 W. 26th, New York.  
 Pelham Mfg. Co., cotton duck & canvas, Pelham, Ga.  
 Pelham Mills, thread, twine (cotton), Pelham, S. C.  
 Pelham Oil & Fertilizer Co., Pelham, Ga.  
 Pelham Operat'g Co., hoist'b engines, 410 W. 26th, New York.  
 Pelican Box Factory, Miro & Julia, New Orleans, La.  
 Pelican Cooperage & Lumber Co., Ltd., Mound, La.  
 Pelican Lake Oyster & Packing Co., Ltd., Houma, La.  
 Pelkey, W. H., scythe stones, Fair Haven, Vt.  
 Pell City Mfg. Co., denims, Pell City, Ala.  
 Pell, F. Livingston, architect, 122 E. 25th, New York.  
 Pell, Geo. E., crude rubber, 68 Broad, New York.  
 Pella Canning Co., Pella, Ia.  
 Pellegrini, A., & Co., elec. & gas light fixture mfrs., 155 W. 29th, New York.  
 Pelletier, Alpheus J., architect, Manchester, N. H.  
 Pellett & Skinner, contractors, Brattleboro, Vt.  
 Pelli, Alexanler, & Co., marble interior wk., 509 E. 120th, New York.  
 Pelligreen Constr. & Inv. Co., Grand & Park av, St. Louis, Mo.  
 Pellston Planing Mills, lbr., Pellston, Mich.  
 Pelouze Mfg. Co., scales, etc., 232 E. Ohio, Chicago, Ill.  
 Pels, Henry & Co., machinery importers, 90 West, New York.  
 Peltier, C. H., contractor, Fairbault, Minn.  
 Peltier Glass Co., Ottawa, Ill.  
 Pelton Bros., masons' & bldrs.' matls., Herkimer, N. Y.  
 Pelton, C. H., machst. & fndr., Lyons, Ia.  
 Pelton & Crane Co., surgical instruments, Detroit, Mich.  
 Pelton, George E., & Co., typewriter ribbons, Georgetown, Ky.  
 Pelton, Henry Co., architect, 8 W. 38th, New York.  
 Pelton, R. B., contractor, 2906 Clinton av, Minneapolis, Minn.  
 Pelton Water Wheel Co., 19th & Harrison, San Francisco, Cal.  
 Pelzer Mfg. Co., cotton sheetings, Pelzer, S. C.  
 Pemberton Co., cotton flannels, denims, Lawrence, Mass.  
 Pemble, Wm., & Sons, paper & pulp mills, Stillwater, N. Y.  
 Pembroke Roller Mills, flour, Pembroke, Ky.  
 Pemple Fr., cornices, 17 Bismarck, Boston, Mass.  
 Pemple, Geo. C., cornices & skylights, 27 Eustis, Boston, Mass.  
 Pen Carbon Manifold Co., typewriter ribbons, etc., New Brunswick, N. J.  
 Penberthy Injector Co., machsts. & brass fndrs., 346 Holden av, Detroit, Mich.  
 Penbryn Brick Co., Bridgeton, N. J.  
 Pence Automobile Co., 800 Hennepin av, Minneapolis, Minn.  
 Pence, John, steel structural work, West Alexandria, Ohio.  
 Pence, M. E., pearl buttons, Dallas City, Ill.  
 Pence, Wm. H., machst. & fndr., Fairfield, Ia.  
 Pencert & Wunder, architects, 310 Chestnut, Philadelphia, Pa.  
 Pencil-Printing Co., 140 S. 4th, Philadelphia, Pa.  
 Pender, R. T., heaters, Lynn, Mass.  
 Pendergrass Oil Mill, cottonseed meal, Pendergrass, Ga.  
 Pendleton & Gilkey, lbr., 954 McKnight Bldg., Minneapolis, Minn.  
 Pendleton Iron Wks., machsts. & fndrs., Pendleton, Ore.  
 Pendleton, Louis B., archt, Cen. Nat. Bk. Bldg., St. Louis, Mo.  
 Pendleton Lumber Co., Santa Ana, Cal.  
 Pendleton Oil Mill, meal, Pendleton, S. C.  
 Pendleton, S. H., Lumber & Mill Co., Santa Ana, Cal.  
 Pendleton & Townsend, sash, door & blind mfrs., Paterson, N. J.  
 Pendleton Woolen Mills, Pendleton, Ore.  
 Penfield & Stone, flour mills, Camden, N. Y.  
 Penick, Hughes Co., whol. hdwe., Stamford, Tex.  
 Penick, R. A., & Son, whol. hdwe., South Boston, Va.  
 Penick & Ford, Ltd., canned goods, New Orleans, La.  
 Peninsula Box & Lumber Co., Menominee, Mich.  
 Peninsula Iron Wks., St. Johns, Ore.  
 Peninsula Lbr. Co., Portland, Ore.  
 Peninsula Shipbuilding Co., Portland, Ore.  
 Peninsula Tool & Salvage Co., dies, etc., 45 Fort E., Detroit, Mich.  
 Peninsular Auto Parts Co., cam shafts, Detroit, Mich.  
 Peninsular Box & Lbr. Co., shooks, Menominee, Wis.  
 Peninsular Brass Wks., machsts., York, bet. Cass & 2d, Detroit, Mich.  
 Peninsular Brick Co., Salisbury, Md.  
 Peninsular Casket Co., 23 Galster av, Detroit, Mich.  
 Peninsular Emery Wheel Co., Detroit, Mich.  
 Peninsular Fertilizer Co., Palatka, Fla.  
 Peninsular Milled Screw Co., Detroit, Mich.  
 Peninsular Naval Stores Co., Jacksonville, Fla.  
 Peninsular Paint & Varnish Co., Detroit, Mich.  
 Peninsular Paper Co., Ypsilanti, Mich.  
 Peninsular Portland Cement Co., Jackson, Mich.  
 Peninsular Shipbuilding Co., Portland, Ore.  
 Peninsular Stove Co., 8th & Fort, Detroit, Mich.  
 Peninsular Tool Salvage Co., cutters (milling), 45 Fort, E. Detroit, Mich.  
 Penlev, E. W., meat packers, Auburn, Me.  
 Penley, Gilman H., fndr. & machst., South Paris, Me.  
 Pen-Mar Distilling Co., Waynesboro, Pa.  
 Penn. A. C., safety razor mfrs., 100 Lafayette, New York.  
 Penn-Allen Cement Co., Allentown, Pa.  
 Penn Beef Co., meat packers, Philadelphia, Pa.  
 Penn Boiler & Mach. Wks., Reading, Pa.  
 Penn Brass & Bronze Wks., machsts. & fndrs., 111 Dobbin, Brooklyn, N. Y.  
 Penn Bridge Co., machsts. & fndrs., Beaver Falls, Pa.  
 Penn Button Wks., 13th & Hamilton, Philadelphia, Pa.  
 Penn Chemical Co., wood acids, Susquehanna, Pa.  
 Penn Chemical Wks., 1332 Washington av, Philadelphia, Pa.  
 Penn Coke Co., Uniontown, Pa.  
 Penn Const. Co., metallic furn., Marietta, Pa.  
 Penn Electrical & Mfg. Co., machsts., Irwin, Pa.



- Penn Equipment Co., mill & facty supplies, Park Bldg., Pittsburgh, Pa.
- Penn Foundry & Mfg. Co., machsts. & fndrs., Basic, Va.
- Penn, H. M., Co., elec. & gas light fixtures, 70 William, Newark, N. J.
- Penn-Hardware Co., Reading, Pa.
- Penn Iron & Coal Co., blast furnaces, Dover, Ohio.
- Penn Iron Mining Co., ores, Philadelphia, Pa.
- Penn-Keystone Co., pumice stone imprts., 21 E. 42d, New York.
- Penn Lock Wks., 126 N. 4th, Philadelphia, Pa.
- Penn Mfrs. Assn., Finance Bldg., Philadelphia, Pa.
- Penn Mfg. Co., clothes bars, North Girard, Pa.
- Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Philadelphia, Pa.
- Penn Metal Co., sheet iron & steel building material, 201 Devonshire, Boston, Mass.
- Penn Mill Co., flour, Hanover, Pa.
- Penn Mold & Mfg. Co., ingot molds, German Bk. Bldg., Wheeling, W. Va.
- Penn Oil Products Co., lubrg., 69 E. 28th, Chicago, Ill.
- Penn Oil & Supply Co. (Ltd.), compounds, Oil City, Pa.
- Penn Planing Mill Co., Reading, Pa.
- Penn Refining Co., bicycle oils, Oil City, Pa.
- Penn Seaboard Steel Corp., marine, locomotive, ordnance, etc., castings, Franklin Bank Bldg., Philadelphia, Pa.
- Penn Spring Wks., Baldwinville, N. Y.
- Penn Steel Castings & Machine Co., Chester, Pa.
- Penn Swing & Ladder Co., com. step ladder chairs, Lancaster, Pa.
- Penn Tack Co., Norristown, Pa.
- Penn Toy Co., 5125 Coral, Pittsburgh, Pa.
- Penn, Wm. H., contractor, Lowell, Mass.
- Pennant Nov. Co., 322 B'way, New York.
- Pennell, C. M., contractor, Council Bluffs, Ia.
- Pennell, Edmond, lumber, Penna Bldg., Philadelphia, Pa.
- Pennell, W. C., architect, 412 W. 6th, Los Angeles, Cal.
- Penney & Bunt, stone & granite producers, wkrs. & dhrs., Wil-low av. & 132d, New York.
- Penney, Frederic Houghton, architect, Union Bk. Bldg., Pittsburgh, Pa.
- Penney, J. W., & Sons Co., mill & facty. supplies, Mechanic Falls, Me.
- Penniman, A. C., & Sons Hardware Co., Fort Scott, Kans.
- Penniman & Browne, testing laboratories, 215 E. Fayette, Baltimore, Md.
- Pennington, A. R., & Co., paper & pulp mills, Forestport, N. Y.
- Pennington, Alfred, contractor, Plattsburgh, N. Y.
- Pennington, C. S., contractor, 438 W. 45th, New York.
- Pennington Canning Co., Pennington, N. J.
- Pennington, Chas. S., architect, 14707 Lake av, Cleveland, Ohio.
- Pennington, Geo. W., Sons, crankshafts, forgings, rods, etc., 1699 Montgomery, San Francisco, Cal.
- Pennington, Prince A., contractor, 221 W. 40th, New York.
- Pennock & Brosius, masons' & bldrs.' matls., Avondale, Pa.
- Pennock, Meda H., brick, Arlington, N. Y.
- Pennock-Walter, Mfg. Co., wagon & carriage spokes, Algood, Tenn.
- Pennoyer, J. C., Co., cooperage stock, 226 S. La Salle, Chicago, Ill.
- Pennsburg Mfg. Co., sash, door & blind, Pennsburg, Pa.
- Pennsy Motors Co., Penn av, nr. Allegheny av, N. S., Pittsburgh, Pa.
- Pa. Alcohol & Chemical Co., 136 N. Water, Philadelphia, Pa.
- Pa. Blackboard Co., Slatinton, Pa.
- Pa. Boiler Wks., Erie, Pa.
- Pa. Brake Beam Co., steel struct. mills, Danville, Pa.
- Pa. Burial Case Co., coffins, etc., Reynoldsville, Pa.
- Pa. Casket Co., 2056 N. 6th, Philadelphia, Pa.
- Pa. Casting & Machine Co., 501 Preble, Pittsburgh, Pa.
- Pa. Cement Co., Bath, Pa., & 30 E. 42d, New York.
- Pa. Clay Co., brick, 421 Wood, Pittsburgh, Pa.
- Pa. Coal & Coke Co., 17 Battery pl, New York.
- Pa. Coal & Supply Co., masons' & bldrs.' matls., Caswell blk., Milwaukee, Wis.
- Pa. Cooperage Co., oil barrels, Oil City, Pa.
- Pa. Crusher Co., Stephen Girard Bldg., Philadelphia, Pa.
- Pa. & Delaware Oil Co., 90 West, New York.
- Pa. Door & Sash Co., 902 2d av, Pittsburgh, Pa.
- Pa. Elevator Co., Hartje Bldg., Pittsburgh, Pa.
- Pa. Engineering Co., heating contrs. & steam fitters' supplies, Philadelphia, Pa.
- Pa. Engng. Wks., machsts. & fndrs., New Castle, Pa.
- Pa. Equipment Co., 2d hand R. R. equip., Coleman Bldg., Philadelphia, Pa.
- Pa. Feldspar Co., Harrison Bldg., Philadelphia, Pa.
- Pa. Fibreform Co., shipping cases, 119 S. 4th, Philadelphia, Pa.
- Pa. Fire Brick Co., Beech Creek, Pa.
- Pa. Fireproofing Co., Palace Bldg., Erie, Pa.
- Pa. Flexible Metallic Tubing Co., 201 N. Broad, Phila., Pa.
- Pa. Forge Co., Wakeling & Bermuda, Philadelphia, Pa.
- Pa. Furnace & Stove Co., Warren, Pa.
- Pa. Gas Co., Oil City, Pa.
- Pa. Glass Co., glass bottles, fruit jars etc., Anderson, Ind.
- Pa. Glass Sand Co., 341 4th av, Pittsburgh, Pa.
- Pa. Globe Gas Light Co., 1934 Market, Philadelphia, Pa.
- Pa. Hard Vein Slate Co., roofing slate mfrs., Easton, Pa.
- Pa. Iron Wks., fndrs., Eddystone, Pa.
- Pa. Knitting Mills, sweaters, 16th & Callowhill, Phila., Pa.
- Pa. Lubricating Co., 34th & A. V. R. R., Pittsburgh, Pa.
- Pa. Lbr. Co., Sheffield, Pa.
- Pa. Marble & Granite Co., West Grove, Pa.
- Pa. Marine & Ordnance Castings Co., Wilmington, Del.
- Pa. Match Co., Bellefonte, Pa.
- Pa. Metal Culv. Co., Warren, Pa.
- Pa. Military Coll., engng. school & coll., Chester, Pa.
- Pa. Oil Co., lubrg., Erie, Pa.
- Pa. Oil Products Ref. Co., Eldred, Pa.
- Pa. Oiler Co., engine oilers, 250 Fulton, New York.
- Pa. Optical Co., Reading, Pa.
- Pa. Paraffine Wks., oils, etc., Titusville, Pa.
- Pa. Petroleum & Supply Co., lubrg. oils, packing mfrs., 115 N. 2d, Philadelphia, Pa.
- Pa. Pulverizing Co., flint, Lewistown, Pa.
- Pa. R. R. Co., machsts. & fndrs., North Side, Pittsburgh, Pa.
- Pa. R. R. Shops, machsts., ft. 12th, Hoboken, N. J.
- Pa. Range Boiler Co., 2024 N. 10th, Philadelphia, Pa.
- Pa. Refining Co., petrolatum, Kansas City, Pa.
- Pa. Rubber Co., Jeannette, Pa.
- Pa. Salt Mfg. Co., chemicals, Widener Bldg., Philadelphia, Pa.
- Pa. Shafting Co., machsts. & fndrs., Spring City, Pa.
- Pa. Shipbuilding Co., Land Title Bldg., Philadelphia, Pa.
- Pa. Silk Co., umbrella cloth, Bangor, Pa.
- Pa. Slate Co., roofing slate mfrs., Slatinton, Pa.
- Pa. Smelting Co., Benedum Trees Bldg., Pittsburgh, Pa.
- Pa. Smelting & Refining Wks., babbitt metal, 906 Filbert, Philadelphia, Pa.
- Pa. Soap Co., Lancaster, Pa.
- Pa. Stamping Co., York, Pa.
- Pa. State Coll., engng. school & coll., State College, Pa.
- Pa. Steel Co., 141 Milk, Boston, Mass., & Morris Bldg., Philadelphia, Pa.
- Pa. Stone, Cement & Supply Co., masons' & bldrs.' supplies, Lancaster, Pa.
- Pa. Stove Pattern Wks., 215 N. 2d, Philadelphia, Pa.
- Pa. Stove & Range Co., Spring City, Pa.
- Pa. Tank Car Co., tank cars (all kinds), Sharon, Pa.
- Pa. Trojan Powder Co., Hunsicker Bldg., Allentown, Pa.
- Pa. Trunk Co., 2 Washington, Pittsburgh, Pa.
- Pa. Window Glass Co., Kane, Pa.
- Pa. Wire Glass Co., rough & skylight glass, Penn Bldg., Philadelphia, Pa.
- Pa. Wire Wks., refuse burners, 235 Arch, Philadelphia, Pa.
- Pa. Woven Wire Co., woven wire fences, Lock Haven, Pa.
- Penny, Geo. L., masons' & bldrs.' matls., Mattituck, N. Y.
- Penny, Isaac, contractor, Phelan Bldg., San Francisco, Cal.
- Pennypacker W. G., Jr., cooperage stock, Mutual Life Bldg., Buffalo, N. Y.
- Penobscot Chemical Fibre Co., 49 Federal, Boston, Mass.
- Penobscot Machy. Co., Bangor, Me.
- Penobscot Snow Shoe Co., Olamon, Me.
- Penrhyn Slate Co., Hydeville, Vt.
- Penrod Walnut & Veneer Co., lbr. mfrs., Kansas City, Mo.
- Penrose Motor, Inc., gas engines, Penna Bldg., Phila., Pa.
- Pensacola Excelsior Co., excelsior mfrs., Pensacola, Fla.
- Pensacola Gas Engine & Supply Co., Pensacola, Fla.
- Pensacola Lumber & Timber Co., Pensacola, Fla.
- Pensacola Tar & Turpentine Co., Gull Point, Fla.
- Pentecost, Douglas S., architect, 127 N. Dearborn, Chicago, Ill.
- Pentecost, Geo. F., Jr., landscape architect, 15 E. 40th, New York.
- Pentucket Narrow Fabric Mills, Lowell, Mass.
- Pentucket Wood Heel Co., Haverhill, Mass.
- Penwarden, E. Darwin, chemicals, Carley Brook, Pa.
- Penwick Dist., gin distillers, Cincinnati, Ohio.
- Peo, Leon L., & Co., motor boat bldrs., Cape Vincent, N. Y.
- Peoples, Alfred D., mill & facty. supplies, 507 Market, Wilmington, Del.
- Peoples Bros., masons' & bldrs.' matls. & contrs., 25th & Callowhill, Philadelphia, Pa.
- Peoples & Cheney, architects, Haas Bldg., Los Angeles, Cal.
- Peoples Coal & Masons' Supply Co., Lynn, Mass.
- Peoples Cotton Oil Co., Lafayette la, Selma, Ala.
- Peoples Dist. Co., 1016 Sycamore, Cincinnati, Ohio.
- Peoples Fertilizer Co., Bay Minette, Ala.
- Peoples' Fertilizing Wks., Midland City, Ala.
- Peoples Gas Fixture Co., 6th & Main, Cincinnati, Ohio.
- People's Hardware Co., Gary, Ind.
- Peoples, J. W., lumber, Brooks, Ga.
- Peoples Lumber Co., Salem, Ohio.
- Peoples Lumber & Supply Co., Augusta, Ga.
- Peoples Oil Co., Augusta, Ga.
- Peoples Oil & Fertz. Co., Anderson, S. C.
- Peoples Scrap Iron & Metal Co., 1528 N. 2d, Minenapolis, Minn.
- Peoples Supply Co., fertilizer mfrs., Kellyton, Ala.
- Peoples, U. J. L., architect, Vandergrift Bldg., Pittsburgh, Pa.
- Peoria Auto-Kot Co., Peoria, Ill.
- Peoria Builders' Supply Co., Peoria, Ill.
- Peoria Can Co., Peoria, Ill.
- Peoria Casket Co., Peoria, Ill.
- Peoria Coal Drill Wks., Peoria, Ill.
- Peoria Cordage Co., Peoria, Ill.
- Peoria Drill & Seeder Co., Peoria, Ill.
- Peoria Elec. Fix. Co., Peoria, Ill.
- Peoria Fdry. Co., Peoria, Ill.



- Peoria Fuel Co., masons' & bldrs.' matls., Peoria, Ill.  
 Peoria Lounge & Mattress Co., Peoria, Ill.  
 Peoria Roofing Co., cornices, Peoria, Ill.  
 Peoria Stone & Marble Wks., 140 S. Dearborn, Chicago & Peoria, Ill.  
 Peoria Tent & Awning Co., 119 Main, Peoria, Ill.  
 Peoria Tractor Co., engines, Peoria, Ill.  
 Peoria Trunk Fcty., Peoria, Ill.  
 Peper, J. W., mill & facty. supplies, machst., Madison, Wis.  
 Pepin, Delos T., contractor, East Hampton, Mass.  
 Pepper, J. H., brick, Middle Granville, N. Y.  
 Pepper, Jas. E., & Co., distillers, Lexington, Ky.  
 Pepper, Jas. E., Dist. Co., 79 Monroe, Chicago, Ill.  
 Pepper, Jno., Sr., fishing tackle & rods, Rome, N. Y.  
 Pepperell Mfg. Co., cotton sheetings, Biddleford, Me.  
 Peppers, H. D. & L. W., architects, Third Nat. Bk. Bldg., Atlanta, Ga.  
 Pepperton Cotton Mills, Jackson, Ga.  
 Peppler, Thos., Son & Co., agric. impts., Highstown, N. J.  
 Pequannoc Rubber Co., Butler, N. J.  
 Pequannock Valley Paper Co., Butler, N. J.  
 Pequannock Fdry., gray iron castings, Bridgeport, Conn.  
 Pequot Brass Foundry, Norwich, Conn.  
 Percival Iron Co., 232 Aliso, Los Angeles, Cal.  
 Percy & Small, ship bldrs., Bath, Me.  
 Perdue, W. B., brick, Elba, Ala.  
 Pereira, Percival R., architect, 220 W. 42d, New York.  
 Perelberg, M., Iron Wks., 903 E. 135th, New York.  
 Perfect Cornice & Roofing Co., 457 E. 180th, New York.  
 Perfect Floor Surfacing Co., 34 W. 6th, Cincinnati, Ohio.  
 Perfect Gas Controller & Fix. Co., regulators, 4046 S. State, Chicago, Ill.  
 Perfect Safety Window Guard, clean'g appliances, 15 E. 40th, New York.  
 Perfect Stove & Mfg. Co., Belleville, Ill.  
 Perfect Tank & Sheet Co., closet seats, Syracuse, N. Y.  
 Perfect Window Regulator Co., 20 Exchange pl, New York.  
 Perfection Adjuster Co., Fort Worth, Tex.  
 Perfection Bed Spring Co., Mansfield, Ohio.  
 Perfection Bottle Stopper Co., 327 S. La Salle, Chicago, Ill.  
 Perfection Chilled Plow Co., South Bend, Ind.  
 Perfection Concrete Stave Silo Co., Hubbell Bldg., Des Moines, Iowa.  
 Perfection Dyeing Machine Co., Columbus, Ga.  
 Perfection Furnace Pipe Co., Toledo, Ohio.  
 Perfection Grate Co., Springfield, Mass.  
 Perfection Mfg. Co., veneer mfrs., Jefferson W. River Range, Detroit, Mich.  
 Perfection Mfg. Co., cow milking machs., 2600 E. 26th, Minneapolis, Minn.  
 Perfection Mfg. Co., toothpicks, River Rouge, Mich.  
 Perfection Mfg. Co., staple drivers, Oakland, Cal.  
 Perfection Mfg. Co., canvas aprons, wagon umbrellas, etc., Montgomery & Leffingwell, St. Louis, Mo.  
 Perfection Metal Bar Co., store front const., 3321 Lorain av, Cleveland, Ohio.  
 Perfection Metal Products Co., road culverts, silos, tanks, etc., Topeka, Kans.  
 Perfection Metallic Weather Strip Co., Detroit, Mich.  
 Perfection Mortise Mach. Co., Columbus, Ohio.  
 Perfection Oil Co., lubrg., Olean, N. Y.  
 Perfection Spring Co., automobile springs, Central av & 65th, Cleveland, Ohio.  
 Perfection Storage Battery Co., 2909 Indiana, Chicago, Ill.  
 Perfection Supply Co., elect'l brushes, holders, etc., 98 Park pl, New York.  
 Perfection Vacuum Cleaner Co., 25 N. Jefferson, Chicago, Ill.  
 Perforated Pad Co., hdwe. mfrs., Woonsocket, R. I.  
 Perine, M., & Sons, potteries, 1009 W. Baltimore, Baltimore, Md.  
 Perine Machinery Co., dtrs., Seattle, Wash.  
 Perine Plow Works, Topeka, Kans.  
 Perkes, Chas., Co., plumbers' supplies, jobbers, 627 Arch, Philadelphia, Pa.  
 Perkins Appliance Co., concrete hangers, Springfield, Mass.  
 Perkins, Arthur L., Co., mill, facty. & plumbers' supplies, 144 12th, Jersey City, N. J.  
 Perkins, B. F., carriages, Farmington, N. H.  
 Perkins, B. F. & Son, paper & pulp mill machy., Holyoke, Mass.  
 Perkins Box Co., packing, Gloucester, Mass.  
 Perkins Bros., machsts. & fndrs., Havana, Ill.  
 Perkins Bros. Co., pads & tablets, Sioux City, Ia.  
 Perkins Bros. Co., plate glass, sash, door & blind mfrs., 970 Westminster, Providence, R. I.  
 Perkins, C. N., Co., hook & ladder trucks, Lawrence, Mass.  
 Perkins-Campbell Co., harness, saddles, etc., 622 B'way, Cincinnati, Ohio.  
 Perkins, Chas. Bruen, architect, Perkins nr. Jamaica Pond, Boston, Mass.  
 Perkins, Chas., Co., machsts., 132 S. Clinton, Chicago, Ill.  
 Perkins, Chas. P., skiver knives, Brockton, Mass.  
 Perkins & Co., machsts. & fndrs., Grand Rapids, Mich.  
 Perkins, E. B., contractor, 133 W. Washington, Chicago, Ill.  
 Perkins Elec. Switch Mfg. Co., Bridgeport, Conn.  
 Perkins, Fellows & Hamilton, architects, 6 N. Clark, Chicago, Ill.  
 Perkins Fdry. Co., Amsterdam, N. Y.  
 Perkins, Frank E., architect, 225 5th av, New York.  
 Perkins, Frank W., architect, 80 E. Jackson blvd, Chicago, Ill.  
 Perkins, Fred'k W., architect, Alworth Bldg., Duluth, Minn.  
 Perkins, Geo. E., chemists, 1620 Smith, Providence, R. I.  
 Perkins Glue Co., Lansdale, Pa.  
 Perkins, Goodwin & Co., china clays, 33 W. 42d, New York.  
 Perkins, H. F., mill & facty. supplies, Malone, N. Y.  
 Perkins, H. F., stone producers, Lena, Ill.  
 Perkins, Harland A., architect, 44 Bromfield, Boston, Mass.  
 Perkins, Hy., Co., machsts. & fndrs., Bridgewater, Mass.  
 Perkins, Isaiah W., carriage bodies, Lynn, Mass.  
 Perkins, J. A., architect, Haverhill, Mass.  
 Perkins, J. T., Co., press cloths, 669 Kent av, Brooklyn, N. Y.  
 Perkins & Jackson, contractors, Wheeling, W. Va.  
 Perkins, Lloyd, stone polishing lathes, Middleboro, Mass.  
 Perkins Machine Co., 216 N. Jefferson, Chicago, Ill., & Lowell & Warren, Mass.  
 Perkins Mfg. Co., iron architect & ornamental, fireproof doors, shutters, etc., University & Fairview avs, St. Paul, Minn.  
*See adv index at end of book.*  
 Perkins Mfg. Co., lumber, Augusta, Ga.  
 Perkins Oil Co., Memphis, Tenn.  
 Perkins, S. W., lumber, Fairlee, Vt.  
 Perkins & Sons, elec. disc fans, Holyoke, Mass.  
 Perkins, T. C., architects, 362 Bement av, West New Brighton, N. Y.  
 Perkins, W. J., flour, Helton, N. C.  
 Perkins, W. L., Mach'y Co., 30 Church, New York.  
 Perkins, Wilbur C., & Co., vacuum cleaners & furniture polish, Fisher Bldg., Chicago, Ill.  
 Perkins Wind Mill Co., wind mill & gasoline engine mfrs., Mishawaka, Ind.  
 Perkinson Bros., Constr. Co., 3237 Carter av, St. Louis, Mo.  
 Perkinson & Brown, cornices, 412 N. Lincoln, Chicago, Ill.  
 Perkinson Const. Co., contrs., 3237 Carter av, St. Louis, Mo.  
 Perkinson & Finn, contractors, Petersburg, Va.  
 Perkiomen Crushed Stone Co., Green Lane, Pa.  
 Perkiomen Paper Co., Pennsylvania, Pa.  
 Perks, John, contractor, Scranton, Pa.  
 Perl Bros., architects, N. Y. Life Bldg., Minneapolis, Minn.  
 Perley, A. P., lbr., Williamsport, Pa.  
 Perlman, A., Iron Wks., 1735 West Farms rd, New York.  
 Permutit Co., water softening app., 30 E. 42d, New York.  
 Pero Fndry. Co., Worcester, Mass.  
 Pero & Stoecker, fertilizer mfgs., Louisville, Ky.  
 Perolin Co. of America, boiler compounds, 1112 W. 37th, Chicago, Ill.  
 Perot, Robeson Lea, architect, 34 S. 17th, Philadelphia, Pa.  
 Provident Mfg. Co., almond meal, 2017 Chouteau av, St. Louis, Mo.  
 Perpete Mfg. Co., hdwe. mfrs., New Haven, Conn.  
 Perram, Henry T., architect, 435 Brisbane, Buffalo, N. Y.  
 Perrigo, A. B., coffins, etc., 3913 Cottage Grove av, Chicago, Ill.  
 Perrin, Seamans & Co., steamfitters' supplies, 57 Oliver, Boston, Mass.  
 Perrin, Wm. R., & Co., power hydraulic presses, etc., Old Colony Bldg., Chicago, Ill.  
 Perrin, Winfield M., architect, North Yakima, Wash.  
 Perrine-Armstrong Co., lumber mfrs., Ft. Wayne, Ind.  
 Perrine, Atwood, masons' & bldrs.' matls., Harrison, Ohio.  
 Perrine & Buckelow, masons' & bldrs.' matls., Jamesburg, N. J.  
 Perritt Iron & Roofing Co., cornices, Rosedale & P. R. R., Pittsburgh, Pa.  
 Perrizo & Sons, lbr. mfrs., Daggett, Mich.  
 Perrow-Evans Hardware Co., Lynchburg, Va.  
 Perry, A. G., Plow Co., machsts. & fndrs., Coldwater, Miss.  
 Perry-Austen Mfg. Co., paint remover, Grasmere, S. I., N. Y.  
 Perry, Bennett & Son, granite producers, Stoneham, Mass.  
 Perry Bros., granite producers, Concord, N. H.  
 Perry & Brown, cornices & skylights, Putnam, Conn.  
 Perry, Buxton, Doane Co., second-hand pipe, 307 Atlantic av, Boston, Mass.  
 Perry, C. H., machst. & fndr., Miami, Fla.  
 Perry, C. H., & Son, canned goods, Manlius, N. Y.  
 Perry, C. T., & Co., soap, Helena, Mont.  
 Perry, Chas. B., contractor, 3022 14th, N. E., Washington, D. C.  
 Perry, Chas. E., Co., paper, 183 Congress, Boston, Mass.  
 Perry, D. S., & Co., corn brooms, Urbana, Ohio.  
 Perry, D. T., contractor, Brattleboro, Vt.  
 Perry Distilling Co., Brownsville, Pa.  
 Perry, E. C., & Son, contractors, Duluth, Minn.  
 Perry, Emerson E., contractor, Attleboro, Mass.  
 Perry, F. A., Warehouse, fertilizer, Sale City, Ga.  
 Perry, F. S., architect, 410 25th, Ogden, Utah.  
 Perry-Fay Mfg. Co., screw machine products, Elyria, Ohio.  
 Perry, Fred, contractor, Logansport, Ind.  
 Perry, G. F., & Sons, masons' & bldrs.' matls., 261 Fabian pl, Newark, N. J.  
 Perry, Geo. H., stone, Sioux Falls, S. D.  
 Perry Glove & Mitten Co., Perry, Mich.  
 Perry Grain & Cement Co., masons' & bldrs.' matls., Vicksburg, Miss.  
 Perry Granite Co., Waterbury, Vt.  
 Perry, H. M., cornices, 218 George, New Haven, Conn.  
 Perry-Hanna Mercantile Co., charcoal, Beaty, Ark.  
 Perry & Henderson, flour mills, Connellsville, Pa.  
 Perry Iron Co., blast furnaces, Erie, Pa.



- Perry, J. P., & Co., steamfitters' supplies, 276 Devonshire, Boston, Mass.
- Perry, James H., architect, 349 S. 4th, Mount Vernon, N. Y.
- Perry, Jno. W., & Son, tubular boilers, Syracuse, N. Y.
- Perry Mfg. Co., masons' & bldrs.' matls., Perryopolis, Pa.
- Perry Mill Co., flour, Perry, Okla.
- Perry Oil Co., soap, Pawtucket, R. I.
- Perry Packing Co., canned goods, Perry, Ia.
- Perry, Samuel E., architect, Rocky Mount, N. C.
- Perry & Thomas, architects, 140 S. Dearborn, Chicago, Ill.
- Perry Ventilator Corp., passenger car ventilator mfrs., 200 Devonshire, Boston, Mass.
- Perry-Victoria Sand Co., Buffalo, N. Y.
- Perry, W. A., Contracting Co., 406 S. Main, Los Angeles, Cal.
- Perry, W. C., architect, 604 Mission, San Francisco, Cal.
- Perry, W. D., cross ties, Longstreet, La.
- Perry, W. G., architect, 19 Congress, Boston, Mass.
- Perry, Wm. H., Co., scrap iron, 103 Harris av, Providence, R. I.
- Perry, Wm. H., Lbr. Co., 1821 Gilbert av, Cincinnati, Ohio.
- Perrysburg Tile & Brick Co., Perrysburg, Ohio.
- Persault, Moses J., fndr., Fitchburg, Mass.
- Persverance Iron Fndry. Co. (Ltd.), Passynk & Federal, Philadelphia, Pa.
- Perske, Frank, cornices & skylights, 439 E. 92d, New York.
- Persley, L. H., architect, Macon, Ga.
- Personius, D. V., & Son, flour mills, Waverly, N. Y.
- Persons-Arter Machine Co., surface grinders & magnetic chucks mfrs., Worcester, Mass.
- Persons, W. O., masons' & bldrs.' matls., Montclair, N. J.
- Perth Amboy Chemical Wks., formaldehyde, Perth Amboy, N. J.
- Perth Amboy Dry Dock Co., machsts., Perth Amboy, N. J.
- Perth Amboy Fire Brick Co., sand & gravel dlrs., 114 Liberty, New York.
- Perth Amboy Fndry. & Mach. Co., Perth Amboy, N. J.
- Perth Amboy Tile Wks., Perth Amboy, N. J.
- Perth Const. Co., 220 B'way, New York.
- Peru Auto Parts Mfg. Co., machsts. & fndrs., Peru, Ind.
- Peru Basket Co., Peru, Ind.
- Peru Canning Co., Peru, Ind.
- Peru Canning & Mfg. Co., Peru, Nebr.
- Peru Construction Co., Peru, Ill.
- Peru Electric Co., electrical mechanical porcelain spec., Peru, Ind.
- Peru Lumber Co., Peru, Ind.
- Peru Milling Co., flour, Peru, Ind.
- Peru Plow & Wheel Co., Peru, Ill.
- Peru-Van Zandt Implement Co., Wichita, Kans.
- Peruvian Guano Corp., Charleston, S. C.
- Peshtigo Lumber Co., Peshtigo, Wis.
- Pessin, Theo., & Co., cornices & skylights, Roanoke, Va.
- Pestel Cooperage Co., wooden kegs, 2828 Bismarck, Richmond, Va.
- Petaluma Incubator Co., Petaluma, Cal.
- Petchtle, Emmet, masons' & bldrs.' matls., Middleburg, N. Y.
- Peteler Car Co., machsts. & fndrs., Minneapolis, Minn.
- Peter, Alfred, 238 Washington, Newark, N. J.
- Peter Bros., Mfg. Co., tapping & abrasive metal cutting machines, Algonquin, Ill.
- Peter & Burghard Stone Co., Louisville, Ky.
- Peter & Guckenberger, cordage & twine mfrs., 1205 Budd., Cincinnati, Ohio.
- Peter, H. A., Supply Co., mill & facty. supplies, Paducah, Ky.
- Peter & Melcher Steam Stone Wks., Louisville, Ky.
- Peter & Volz Co., machsts. & fndrs.—desk mfrs., Arlington Heights, Ill.
- Peterman, A. J., sashes, doors & blinds., Fredericksburg, Ohio.
- Peterman Mfg. Co., sash, door & blind, Tacoma, Wash.
- Peters & Bradley Mill Co., flour, Knoxville, Tenn.
- Peters Buggy Co., carriages, 330 W. Spring, Columbus, Ohio.
- Peters Cartridge Co., 1st National Bank Bldg., Cincinnati, O.
- Peters Co., gummed cloth, paper & tapes, 33 35th, Bklyn, N. Y.
- Peters, David, & Son Fence & Gate Co., Homer, Ill.
- Peters, E. D., & Sons, roofing slate mfrs., Slatington, Pa.
- Peters, E. E., Mach. Co., Springfield, Ohio.
- Peters, E. J., architect, Shawnee, Okla.
- Peters, Edw. D., metallurgical engrs., 38 Percival, Boston, Mass.
- Peters-Eichler Htg. Co., 1516 Pine, St. Louis, Mo.
- Peters, F. H., architect, 129 W. 3d, Los Angeles, Cal.
- Peters, F. N., & Bro., machsts. & fndrs., Newside, Pa.
- Peters, Frank L., masons' & bldrs.' matls., Saegertown, Pa.
- Peters, G. H., Co., cornices, 293 Oak, Buffalo, N. Y.
- Peters, H. A., Co., contractors, 19 S. La Salle, Chicago, Ill.
- Peters, H. J., Co., elec. light fix, mfrs., 320 S. Wabash av, Chicago, Ill.
- Peters Harness & Saddlery Co., 364 Mulberry, Newark, N. J.
- Peters, Hy., Brass Fdry. Co., Aurora, Ill.
- Peters, Herman, & Bros., architects, Reibold Bldg., Dayton, O.
- Peters & Herron Dash Co., automobile dashes, aprons, etc, Gift & Cuthbertson, Columbus, Ohio.
- Peters Home Bldg. Co., 654 McKnight, Minneapolis, Minn.
- Peters, I. A., contractor, N. W. Bank Bldg., Portland, Ore.
- Peters, Jas., & Son., hdwe. mfrs., 1934 N. Front, Phila., Pa.
- Peters, John., meat packers, Williamsport, Pa.
- Peters, John M., Jr., lumber mfr., Blecker, N. Y.
- Peters, Jno. M., Sons, wood novelties, Blecker, N. Y.
- Peters, L. W., contractor, 785 Euclid av, St. Louis, Mo.
- Peters Machine & Mfg. Co., 7320 Madison av, Cleveland, Ohio.
- Peters Machine Wks., machsts. & fndrs., Kelso, Wash.
- Peters Mill Work & Lumber Co., sash, door & blind, Carter rd, Cleveland, Ohio.
- Peters, Nicholas D., & Co., contractors, 301 Kossuth av, Utica, N. Y.
- Peters Oil & Compound Co., 356 Clinton, Milwaukee, Wis.
- Peters Packing Co., meat, McKeesport, Pa.
- Peters Paper Co., Latrobe, Pa.
- Peters Pump Co., Kewanee, Ill.
- Peters, R. G., Salt & Lbr. Co., Eastlake, Mich.
- Peters & Reed Pottery Co., Zanesville, Ohio.
- Peters Trimming Co., fringes, 923 Fulton, Chicago, Ill.
- Peters, White & Co., caustic chem., 55 John, New York.
- Peters, Wm. C., cornices & skylights, 1859 Carter av., New York.
- Petersburg Excelsior Mill, Petersburg, Va.
- Petersburg Fire Brick & Tile Co., Coal Grove, Ohio.
- Petersburg Hardware Co., Petersburg, Va.
- Petersburg Packing Co., canned goods, Seattle, Wash.
- Petersburg Rim & Veneer Co., spokes, Petersburg, Va.
- Petersburg Sand & Gravel Corp., Petersburg, Va.
- Petersburg Sanitary Canning Co., Petersburg, Ind.
- Petersburg Trunk & Bag Co., Petersburg, Va.
- Petersen, A., Desk Co., 426 Armour, Chicago, Ill.
- Petersen, H. Adolphus, architect, New York Life Bldg., Minneapolis, Minn.
- Petersen, Jens. C., architect, Traverse City, Mich.
- Petersen Oven Co., 112 W. Adams, Chicago, Ill.
- Petersen, Walter, contractor, Nat. Fld. & Cas. Bldg., Omaha, Neb.
- Peterson, A., lumber, Soldiers' Grove, Wis.
- Peterson Art Furniture Co., Faribault, Minn.
- Peterson, B. G., architect, Sheridan, Wyoming.
- Peterson, Bell & Co., lumber mfrs., Clinton, Ia.
- Peterson Bros., lumber, Camas, Wash.
- Peterson Bros., cornices & skylights, Storm Lake, Ia.
- Peterson, C. E., Co., sash, door & blind mfrs., 4914 Wentworth av, Chicago, Ill.
- Peterson, Chas., Co., contractors, Keystone Bldg., Pittsburgh, Pa.
- Peterson, Chas. E., contractor, Midland Bldg., Kansas City, Mo.
- Peterson & Clark, architects, Steubenville, Ohio.
- Peterson, Edward, Co., contractors, W. O. W. Bldg., Omaha, Neb.
- Peterson, F. W., Co., wood turners, 68 Thomas, New York.
- See adv index at end of book.*
- Peterson, Fred, architect, State Bk. Bldg., Omaha, Neb.
- Peterson, Gust, architect, Manistee, Mich.
- Peterson & Hiss Co., masons' & bldrs.' matls., Sandusky, Ohio.
- Peterson, Horace B., architect, 34 S. 17th, Phila., Pa.
- Peterson, J., Co., organs, pianos, Moline, Ill.
- Peterson & Johnson, architects, Lundberg Bldg., Rockford, Ill.
- Peterson, Leonard, & Co., draughting tables, 1234 Fullerton av, Chicago, Ill.
- Peterson & Loveland, machsts., Woodstown, N. J.
- Peterson Lumber Co., sash, door & blind, Warsaw, Ind.
- Peterson Mfg. Co., agricultural implements, Kent, Ohio.
- Peterson, Martin, common brick, Barronette, Wis.
- Peterson, N. F., steam htg. contr., 147 Morton pl, New York.
- Peterson, P., contractor, Omaha, Neb.
- Peterson, P. L., contractor, Spokane, Wash.
- Peterson, P. N., Granite Co., 62 E. 5th, St. Paul, Minn.
- Peterson, Peter, contractor, Moline, Ill.
- Peterson, Robt. M., contractor, 5250 Wakefield, Germantown, Phila., Pa.
- Peterson, S. C., architect, 445 E. 58th, Portland, Ore.
- Peterson, Sam'l, handles, neck yokes, etc., Warren, Pa.
- Peterson, Simon, Brick, Benson, Ill.
- Peterson, V. S., contractor, 237 Essex, Salem, Mass.
- Peterson, W. R., turpentine, O'Brien, Fla.
- Peterson, Wm. F., contractor, 110 S. Dearborn, Chicago, Ill.
- Petertyl, Victor, insulator pins & braces, Traverse City, Mich.
- Petgen Co., glass mosaic wk., 6709 Hamilton av, Pittsburgh, Pa.
- Petigor, M. H., soda water fountains, 434 Water, New York.
- Petrel Motor Car Co., 1st & Oklahoma av, Milwaukee, Wis.
- Petremont Boat Co., dry docks & marine rys., New Haven, Conn.
- Petrik, J. F. & Sons, mattresses, Topeka, Kan.
- Petrik, J. G., architect, Cambridge, Ohio.
- Petro Pulp Floor Co., Grand av Temple, Kansas City, Mo.
- Petroleo Co., lubrg. oils, Waterford, N. Y.
- Petroleum Iron Works Co., The, steel plate const., Sharon, Pa.
- Petroleum Products Co., lubrg. oils & greases, 51 Front, New York.
- Petroleum Products Co., petroleum products, 3917 Neville, Pittsburgh, Pa.
- Petroleum Refining Co., 156 N. La Salle, Chicago, Ill.
- Petrolia Refining Co., benzine, petroleum, etc., Petrolia, Pa.
- Petry, Jno. W., Co., mill & facty. supplies, 87 5th, Long Island City, N. Y.
- Petry, Louis M., architect, White Plains, N. Y.
- Petry, N. A., Co., brass castings, 1309 Race, Phila., Pa.
- Pette, John P., architect, 131 Jackson, Trenton, N. J.
- Pettee, W. J., & Co., whol. hdwe., Oklahoma, Okla.
- Pettebone-Catacraft Paper Co., Niagara Falls, N. Y.
- Pettebone & Lewis, archts., 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.
- Petterson, Edw., coppersmith, 231 South, New York.
- Petterson, L. M., contractor, 21 Edward, Worcester, Mass.
- Petterson & Persson, contractors, 62 Post, San Francisco, Cal.
- Pettes & Randall Co., watchman's clocks, 150 Nassau, New York.
- Petteway Turpentine Co., Wauchula, Fla.
- Petti, N., architect, 11805 Euclid av, Cleveland, Ohio.



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- Pettibone Mulliken & Co., machsts. & fndrs., 140 S. Dearborn, Chicago, Ill.
- Pettigrew Fdry Co., grey iron castings, Harvey, Ill.
- Pettigrew, Wm., machst. & fndr., Everett, Pa.
- Pettingell-Andrews Co., spark plugs, 511 Atlantic av, Boston, Mass.
- Pettingell Machine Co., Amesbury, Mass.
- Pettingill, Geo. S., brick, Lewiston, Me.
- Pettinos Bros., graphite refiners, etc., 25 Church, New York.
- Pettis, B. H., Co., scrap iron, 102 Harris av, Providence, R. I.
- Pettit & Co., brick, New Brunswick, N. J.
- Pettit & Co., lamp wicks, Lockport, N. Y.
- Pettit & Cook Co., brick, South River, N. J.
- Pettit, B. G., masons' & bldrs.' matls., Crooksville, Ohio.
- Pettit Feather & Bedding Co., Portland, Ore.
- Pettit & Firestone, architects, Canton, Ohio.
- Pettit, Frank, Ornamental Iron Wks., bank railings, 809 Master, Phila., Pa.
- Pettit, S. P., contractor, 110 W. 34th, New York.
- Pettler Steel Mat & Mfg. Co., iron settees, Beaver Falls, Pa.
- Pettler Wire Products Co., Beaver Falls, Pa.
- Petty, J. A., lumber, Sycamore, Ohio.
- Petty, J. A., contractor, 607 Godchaux, New Orleans, La.
- Petty, J. K., & Co., boilers, tanks, etc., Stephen Girard Bldg., Phila., Pa.
- Petty, Wm., stone producers, McKees Rocks, Pa.
- Pettyjohn Co., machsts., Terre Haute, Ind.
- Pettyjohn, J. P., & Co., contractors, Lynchburg, Va.
- Petzelt & Keyser, carriages, 24th & Locust, Phila., Pa.
- Petzold, Herman H., architect, Lawrence, Mass.
- Peuchen, Stanley C., belt dressing, N. Tonawanda, N. Y.
- Peugeot Auto Import Co., 1800 B'way, New York.
- Pevear, Everett S., bldg. contr., 486 Chestnut, Lynn, Mass.
- Pevear, W. H., & Co., masons' & bldrs' matls., Watertown, Mass.
- Peveley Bros., marble producers, 1215 Filbert, Phila., Pa.
- Pevey Fndry Co., Lowell, Mass.
- Pewabic Pottery Co., 2161 Jefferson E., Detroit, Mich.
- Pewabic Co., iron ores, Milwaukee, Wis.
- Pfaelzer, L., & Sons, meat packers, 3927 S. Halsted, Chicago, Ill.
- Pfaelzer, Liebachutz Packing Co., meat, 4057 S. Union av, Chicago, Ill.
- Pfaender Bros., contractors, Toledo, Ohio.
- Pfaff, Geo., mill & facty. supplies, 109 Lafayette, New York.
- Pfaff, Jno., Varnish Co., 1665 Providence, Cincinnati, Ohio.
- Pfaff & Kendall, fndrs., Newark, N. J.
- Pfaller, Frank, machsts. & fndrs., 6947 Susquehanna, Pittsburgh, Pa.
- Pfaltz & Bauer, chem. & glues, 300 Pearl, New York.
- Pfaltzgraff Pottery Co., flower pots, York, Pa.
- Pfandler Co., chutes, Rochester, N. Y.
- Pfannmueller Engineering Co., 38 S. Dearborn, Chicago, Ill.
- Pfanstiehl Co., electric sad irons, North Chicago, Ill.
- Pfarr & Hobart Co., masons' & bldrs' matls., Akron, Ohio.
- Pfau Mfg. Co., machsts. & fndrs., Mentor & Huston, Norwood, Cincinnati, Ohio.
- Pfaudler Co., glass enamelled steel tanks, Cutler Bldg., Rochester, N. Y.
- Pfaus, Geo., Sons Co., lard oils, Jeffersonville, Ind.
- Pfeffer, Jacob, masons' & bldrs.' matls., 10 Vernon av, Long Island City, N. Y.
- Pfeffer, Mrs. P., brick, Gainesville, Ga.
- Pfeifer, John C., machst. & fndr., Rockport, Ind.
- Pfeifer, Jno., & Co. (Ltd.), shovel mfrs., 222 Race, Phila., Pa.
- Pfeifer, Mathias, Heating Co., 314 18th, Milwaukee, Wis.
- Pfeifer Bros., cornices & skylights, 473 Greenwich, New York.
- Pfeifer, F., pipe wrenches, 97 Reade, New York.
- Pfeifferberger, L. & Son, architects, 102 W. 3d, Alton, & Main & Division, East St. Louis, Ill.
- Pfeiffer & Burch, lumber, Edmore, Mich.
- Pfeiffer, C. B., turpentine, Sylvania, Ga.
- Pfeiffer, C. P., heating contractor, Denver, Colo.
- Pfeiffer Color Co., mfrs. & imp., 100 William, New York.
- Pfeiffer, G., architect, Miami, Fla.
- Pfeiffer, Geo. L., architect, Lemon City, Fla.
- Pfeiffer, Henry, & Son Co., mill & facty. supplies, whol. hdwe., Fort Wayne, Ind.
- Pfeiffer & Smith Co., machsts., Milwaukee, Wis.
- Pfeiffer & Soellner, cornices & skylights, 1263 Jerome av, New York.
- Pfeiffer Stone Co., Batesville, Ark.
- Pfeiffer, Walter, architect, 10 E. McMillan, Cincinnati, Ohio.
- Pfeiffer, Wm., Carriage Wks., Omaha, Neb.
- Pfeiffers, Jno., Plating Wks., Syracuse, N. Y.
- Pfeife, Robt., contractor, South Bethlehem, Pa.
- Pfeil, C. O., architect, Tennessee Trust Bldg., Memphis, Tenn.
- Pfell, Chas. J., Co., sash, door & blind mfrs., 1976 W. 3d, Cleveland, Ohio.
- Pfender, G. W., chain pumps, Evansville, Ind.
- Pfennig, J., cornices, 24 Hamburg pl, Newark, N. J.
- Pfister, J. J., Knitting Co., 114 Sansome, San Francisco, Cal.
- Pfister, Ludwig O., contractor, 600 21st av, Milwaukee, Wis.
- Pfister & Vogel Leather Co., 443 Virginia, Milwaukee, Wis.
- Pfister, Wm. H., machst. & fndr., 230 W. 4th, Cincinnati, Ohio.
- Pfisterer, C. H., traveling bags, 800 E. Jefferson, Los Angeles, Cal.
- Pfistner, Fred'k, cornices, 108 Lincoln, Jersey City, N. J.
- Pfizer, Chas., & Co., chem. crystals, 81 Maiden la, New York.
- Pfleggar Hdwe. Spec. Co., New Haven, Conn.
- Pflug, Albert, & Co., paint mfrs., Hoboken, N. J.
- Pfoertner, Lehmann Mach. Co., St. Louis, Mo.
- Pfund, G. F., & Son, meat packers, 3945 Germantown av, Philadelphia, Pa.
- Pfundstein, S., Tool Wks., machsts., Peoria, Ill.
- Phair, C. F. A., starch mfr., Presque Isle, Me.
- Phair, Fred, contractor, Paulsen Bldg., Spokane, Wash.
- Phair, Thos. H., lbr. & starch mfr., Presque Isle, Me.
- Pharis Tire & Rubber Co., Newark, Ohio.
- Pharmaceutical Era, trade publication, 3 Park pl, New York.
- Pharo, J. A., contractor, Bayonne, N. J.
- Pharr, G. F., lumber, Dacula, Ga.
- Pharr, King, canned goods, Catherine, Ala.
- Phiby, Geo. E., architect, Phoenix, Ariz.
- Pheiffer Stone Co., St. Joseph, Mo.
- Phelan-Faust Paint Mfg. Co., 1008 Pine, St. Louis, Mo.
- Phelan, Jos. E., machsts. & fndrs., 429 Kent av, B'klyn, N. Y.
- Phelan, S. F., carriages, Stockton, Cal.
- Phelan & Shirley, contractors, 306 S. 24th, Omaha, Nebr.
- Phelps & Bigelow Wind Mill Co., Kalamazoo, Mich.
- Phelps Bros. Co., steam fitters' supps., 25 Cliff, New York.
- Phelps, C. R., architect, Gluck Bldg., Niagara Falls, N. Y.
- Phelps Can Co., ft. of Lawrence, Baltimore, Md.
- Phelps, Dodge & Co., brass & copper ingots, 99 John, New York.
- Phelps, Elmer E., brass castings, Syracuse, N. Y.
- Phelps, Frank K., cornices & skylights, Ashland, Ky.
- Phelps, Fred A., architect, Union Bldg., Newark, N. J.
- Phelps, Geo. S., & Co., fertilizer mfrs., Thompsonville, Conn.
- Phelps Guardant Time Lock Co., 114 Liberty, New York.
- Phelps, H., canned goods, North Bay, N. Y.
- Phelps, H. D., machsts. & fndrs., Ansonia, Conn.
- Phelps, H. T., architect, Gunter Bldg., San Antonio, Tex.
- Phelps, J. Wesson, landscape archt., 26 State, Hartford, Conn.
- Phelps, Levi W., sash, door & blind mfr., Ayer, Mass.
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- Phelps Mfg. Co., acet. gas machines, 53 W. Jackson blvd, Chicago, Ill.
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- Phelps, Stowe, architect, 20 W. 43d, New York.
- Phelps, Walter J., machsts., ft. of Lawrence, Baltimore, Md.
- Phenix Iron Works, Winona, Minn.
- Phenix Lace Mills, Phenix, R. I.
- Phenix Mfg. Co., sash & screen hangers, Center & Humboldt av, Milwaukee, Wis.
- Phenix Marble Co., 19th & Olive, Kansas City, Mo.
- Phenix Plate Co., dry plates, Worcester, Mass.
- Phenix Quarries Co., stone prod., Boyle & Wabash Ry., St. Louis, Mo.
- Phenix Supply Co., mill & facty. supplies, Atlanta, Ga.
- Phenix Tube Co., 182 N. 11th, Brooklyn, N. Y.
- Pheoll Mfg. Co., screw machine products, 3021 Carroll, Chicago, Ill.
- Phetteplace Oil Co., lubrg., 334 S. Water, Providence, R. I.
- Phifer, W. B. Co., lumber mfrs., Gainesville, Fla.
- Phila. Aniline & Extra Co., coal tar prod., Bourse Bldg., Philadelphia, Pa.
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- Phila. Brick Co., 25th, c Passayunk av, Philadelphia, Pa.
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- Phila. Elec'l & Mfg. Co., hangers & arc lamp insulators, 1236 N. 31st, Philadelphia, Pa.



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- Phila. Game Co., toys, etc., 337 N. 3d, Philadelphia, Pa.
- Phila. Gear Works, 1120 E. Vine, Philadelphia, Pa.
- Phila. Grease Mfg. Co., 848 S. Swanson, Philadelphia, Pa.
- Phila. Lawn Mower Co., 31st & Chestnut, Philadelphia, Pa.
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- Phila. Lye & Chemical Co., 1811 Fitzwater, Philadelphia, Pa.
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- Phila. Mach. Wks., marine steering gears, 67 Laurel, Phila., Pa.
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- Phila. Novelty Mfg. Co., screw driver mfrs., 13th & Noble, Philadelphia, Pa.
- Phila. Packing Box Co., 2624 American, Philadelphia, Pa.
- Phila. Paper Mfg. Co., River Road, Philadelphia, Pa.
- Phila. Pickling Co., canned goods, 262 S. 2d, Phila., Pa.
- Phila. Pipe Bending Co., 4135 N. 5th, Philadelphia, Pa.
- Phila. Pure Rye Whiskey Dist. Co., Ltd., Bourse Blvd, Philadelphia, Pa.
- Phila. Quartz Co., 121 S. 3d, Philadelphia, Pa.
- Phila. & Reading Coal & Iron Co., machsts. & fndrs., Pottsville, Pa.
- Phila. Roll & Machine Co., 23d & Washington av, Phila., Pa.
- Phila. Rubber Works, Land Title Bldg., Philadelphia, Pa.
- Phila. Sash Weight Wks., fndrs., Glenwood av nr. 22d, Philadelphia, Pa.
- Phila. Scoop Co., 134 N. 2d, Philadelphia, Pa.
- Phila. Screen Mfg. Co., 56th, bel. Woodland, Philadelphia, Pa.
- Phila. Second Hand Pipe Supply Co., 1003 N. 7th, Phila., Pa.
- Phila. Sheet Metal & Wood Wks., 108 Reed, Philadelphia, Pa.
- Phila. Steam Heating Co., Juniper & Cherry, Philadelphia, Pa.
- Phila. Steel & Forge Co., 50 Church, New York.
- Phila. Storage Battery Co., Ontario & C, Philadelphia, Pa.
- Phila. Stove & Iron Fdry. Co., 1631 N. 5th, Philadelphia, Pa.
- Phila. Textile Machinery Co., Tabor, Philadelphia, Pa.
- Phila. Thermometer Co., 9th & Arch, Philadelphia, Pa.
- Phila. Toboggan Co., 130 E. Duval, Gtn., Philadelphia, Pa.
- Phila. Tram-Rail Co., overhead trolleys, Front & Tusculum, Philadelphia, Pa.
- Phila. Transportation & Lighterage Co., 119 Walnut, Phila., Pa.
- Phila. Turntable Co., New Castle, Del.
- Phila. Whiting Wks., 2609 E. York, Philadelphia, Pa.
- Philbrick Cutter Head Co., machsts., Seattle, Wash.
- Philbrick, E. J., fertilizer mfr., Augusta, Me.
- Philbrick, John A., & Bros., masons' & bldrs.' matls., ft. E. 97th, New York.
- Philbrick, L. B., paint, Salem, Mass.
- Philbrook, Jos., & Son, contractors, Lisbon Falls, Me.
- Philbrook, Wm. H., granite, Rockport, Me.
- Philip, Rossman, machst., Stockport, N. Y.
- Phillips, A. A., Jr., joist hangers, etc., 2219 Pitkin av, Brooklyn, N. Y.
- Phillips Hardware Co., Columbus, Ga.
- Phillips Pressed Steel Pulley Wks., Chestnut Hill, Phila., Pa.
- Phillips, Townsend & Co., nails, N. 4th & Glenwood av, Philadelphia, Pa.
- Phillipp Bros., chem. minerals & ores, 29 B'way, New York.
- Phillipp-Kell Co., Inc., cornices & skylights, Baltimore, Md.
- Philippine Vegetable Oil Co., 11 B'way, New York.
- Phillipps, R. Stenner, architect, 15 W. 38th, New York.
- Phillips, A. G., & Son, whol. bdwe., Morristown, N. J.
- Phillips, Aaron, common brick, Bowling Green, Ky.
- Phillips, Albert, architect, Pompton Plains, N. J.
- Phillips, Alexander, architect, 160 5th av, New York.
- Phillips & Bartlett, brick, Lead, S. D.
- Phillips Bros., cornices & skylights, Allegan, Mich.
- Phillips Buggy Works, Ironton, Ohio.
- Phillips & Buttorff Mfg. Co., stoves, Nashville, Tenn.
- Phillips, Chas., Tool Co., machsts. & fndrs., Mannington, W. Va.
- Phillips & Clark Stove Co., machsts. & fndrs., Geneva, N. Y.
- Phillips, D. E., contractor, Newport News, Va.
- Phillips, David, Co., machsts. & fndrs., Bradford, Pa.
- Phillips & Dickenson, flour mills, Wallace, Va.
- Phillips & Douglass, canned goods, Preston, Md.
- Phillips, E. A., architect, Warren, Pa.
- Phillips, E. B., architect, Poplar Bluff, Mo.
- Phillips, E. K., brick, Willimansett, Mass.
- Phillips, E., & Sons, nails, South Hanover, Mass.
- Phillips, E. W., architect, New Iberia, La., & Lake Charles, La.
- Phillips, Eugene B., architect, Lansing, Mich.
- Phillips, Ezra L., architect, Gloucester, Mass.
- Phillips, F. R., & Sons Co., steel importers, Penna. Bldg., Philadelphia, Pa.
- Phillips, F., & Son, contractors' tools mfrs., 1336 Greenmount av, Baltimore, Md.
- Phillips, Frank, architect, 79 Morningside, Yonkers, N. Y.
- Phillips, Fred., Sr., contractor, Albion, N. Y.
- Phillips-Getschow Co., hgt. contrs., 130 W. Kinzie, Chicago, Ill.
- Phillips & Guest, turpentine, Sumner, Ga.
- Phillips, H. W., submarine divers, Quincy, Mass.
- Phillips, Harry W., contractor, Davenport, Ia.
- Phillips Heating Vent. & Mfg. Co., Los Angeles, Cal.
- Phillips, Henry A., architect, 120 Tremont, Boston, Mass.
- Phillips & Hodgson, masons' & bldrs.' matls., Chelsea, Mass.
- Phillips & Homer, architects, Madison, Wis.
- Phillips, I. W., & Co., masons' & bldrs.' matls., Tampa, Fla.
- Phillips Insulated Wire Co., bare & insulated wire, Pawtucket, R. I.
- Phillips Iron Wks., Los Angeles, Cal.
- Phillips, J., & H., mill & facty. supplies, 627 Liberty av, Pittsburgh, Pa.
- Phillips, J. H., & Sons, canned goods, Berkeley, W. Va.
- Phillips, Jacobs, machst. & fndr., Westfield, Pa.
- Phillips, Jno. H., architect, 604 Chartiers av, Pittsburgh, Pa.
- Phillips & Johnson, broom corn, Mattoon, Ill.
- Phillips-Lafitte Co., compounds, plates, etc., Penna Bldg., Philadelphia, Pa.
- Phillips Lead & Supply Co., 91 S. Main, Providence, R. I.
- Phillips Lime & Coal Co., Burlington, Ia.
- Phillips Lbr. Co., Eugene & Tifton, Ga.
- Phillips & McCreedy, machsts. & fndrs., Mt. Clemens, Mich.
- Phillips & McLaren Co., grinding pans, crushers, shears & castings, 24th & Smallman, Pittsburgh, Pa.
- Phillips Mfg. Co., guards—saw, Orlando, Fla.
- Phillips Mine & Mill Supply Co., 2227 Jane, Pittsburgh, Pa.
- Phillips, Morris T., cattle tool mfrs., Pomeroy, Pa.
- Phillips, N. W., & Bro., machinists, Royston, Ga.
- Phillips, Oliver P., incubators & brooders, Amo, Ind.
- Phillips, P. S., contractor, Newark, Ohio.
- Phillips Packing Co., Cambridge, Md.
- Phillips, Richard, architects, Jacobson Bldg., Denver, Colo.
- Phillips & Sanders, granite producers, Concord, N. H.
- Phillips & Slack, granite, Northfield, Vt.
- Phillips & Sons, contractors, Ridgewood, N. J.
- Phillips Sheet & Tin Plate Co., black, Weirton, W. Va.
- Phillips, T. W., machinist, Butler, Pa.
- Phillips, Thos., Co., paper & pulp mills, Akron, Ohio.
- Phillips, W. C., architect, 158 Pierce av, San Francisco, Cal.
- Phillips, W. E., contractor, Braddock, Pa.
- Phillips, Waller Co., canned goods, Salisbury, Md.
- Phillips, Watson K., architect, 430 Walnut, Phila., Pa.
- Phillips White Rock Lime Co., 125 Front, Newark, N. J.
- Phillips & Wilcox, architects, Kresge Bldg., Detroit, Mich.
- Phillips, Wm., & Co., laundry machy., Northville, Mich.
- Phillips, Wm. H., lime mfrs., 125 Front, Newark, N. J.
- Phillips, William R., construction engineer, 1188 Main, Bridgeport, Conn.
- Phillips, Wm. S., architect, 103 Park av., New York.
- Phillips & Worthington, contractors, 90 West, New York.
- Phillips-Yarbrough Hardware Co., Montgomery & Opelika, Ala.
- Phillipsdale Paper Mill Co., Phillipsdale, R. I.
- Philopt, S. M., & Son, masons' & bldrs.' matls., Humboldt, Nebr.
- Philpot & Co., flour mills, Hardyville, Ky.
- Philpot & Life, flour mills, Rocky Hill Station, Ky.
- Philpot Lumber Co., Morrison, Tenn.
- Philpott & Leuppie Co., machsts., Niagara Falls, N. Y.
- Philpott Rubber Co., 1408 W. 3d, Cleveland, O.
- Philsbury Flour Mills Co., 3d fl., Met. Life Bldg., Minneapolis, Minn.
- Phinotas Chem. Co., disinfectants, 237 Front, New York.
- Phipps Charcoal Co., Ironton, O.
- Phipps Furnace Co., 90 Oneida, Milwaukee, Wis.
- Phipps, Horace J., & Co., glass tainers, 65 Bedford, Boston, Mass.
- Phipps, J. H., contractor, Galveston, Tex.
- Phipps, J. H., Lumber Co., Fayetteville, Ark.
- Phipps, Sanford, architect, Hopkinton, Mass.
- Phoenix Am. Pipe Wks., Boonville, Mo.
- Phoenix Auto Supply Co., spark plugs, 3225 Locust, St. Louis, Mo.
- Phoenix Boiler Wks. Co., Terre Haute, Ind.
- Phoenix Bridge Co., 410 Walnut, Philadelphia, Pa.
- Phoenix Brush & Mfg. Co., 160 N. 5th av, Chicago, Ill.
- Phoenix Carriage Co., 901 Evans, Cincinnati, O.
- Phoenix Caster Co., machsts., Indianapolis, Ind.
- Phoenix Chair Co., Sheboygan, Wis.
- Phoenix Construction Co., 41 Park Row, New York.
- Phoenix Cotton Oil Co., Memphis, Tenn.
- Phoenix Die Casting Co., mchsts., 21 Illinois, Buffalo, N. Y.
- Phoenix Distillery Co., Chamber of Commerce, St. Louis, Mo.
- Phoenix Electric Co., Mansfield, O.
- Phoenix Elec. Co., storage batteries, 133 W. Washington, Chicago, Ill.
- Phoenix Flour Mills, Evansville, Ind., & Phoenix, Ariz.
- Phoenix Fdry. Co., 1455 S. Jefferson, Chicago, Ill., & Voorheesville, N. Y.
- Phoenix Foundry & Machine Co., Ashtabula, O.
- Phoenix Fdg. & Mfg. Co., St. Joseph, Mo.
- Phoenix Furniture Co., Charleston, S. C., & Eau Claire, Wis.
- Phoenix Gas & Improvement Co., Harrison Bldg., Phila., Pa.
- Phoenix Glass Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.
- Phoenix Hdwe. Co., Buffalo, N. Y.
- Phoenix Hdwe. Mfg. Co., cork pressers, Homer, N. Y.
- Phoenix Harry D., architect, Union Bldg., Syracuse, N. Y.
- Phoenix Hermetic Co., bottle caps, 3720 14th av, B'klyn, N. Y.
- Phoenix Horse Shoe Co., toe-calks, 209 S. La Salle, Chicago, Ill.
- Phoenix Ice Machine Co., mchsts. & fdrs., 2711 Church av, Cleveland, O.
- Phoenix Iron & Boiler Works, Sacramento, Cal.
- Phoenix Iron Co., structural steel mfrs., 410 Walnut, Phila., Pa.
- Phoenix Iron Wks., Portland, Ore.
- Phoenix Iron Works Co., Meadville, Pa., & Oakland, Cal.



- Phoenix Light Co., 525 Market, Milwaukee, Wis.  
 Phoenix Lock Wks., mchsts. & fndrs., 3d av, Newark, N. J.  
 Phoenix Mach. & Cold Storage Co., Phoenix, Ariz.  
 Phoenix Mfg. Co., furniture, Covington, Ky.  
 Phoenix Mfg. Co., machsts., Eau Claire, Wis., & Hartford, Conn.  
 Phoenix Meter Co., machsts., Camden, N. J.  
 Phoenix Mill Co., flour, Marietta, O., & 3d av, S. E., & Main, Minneapolis, Minn.  
 Phoenix Milling Co., flour, Sacramento, Cal.  
 Phoenix Oil Co., belt dressing, compounds, soaps, 2554 W. 5th, Cleveland, O.  
 Phoenix Paint & Varnish Co., 124 Market, Philadelphia, Pa.  
 Phoenix Paper Co., Greenwich, N. Y.  
 Phoenix Planing Mill, sash, door & blind, Atlanta, Ga.  
 Phoenix Portland Cement Co., Nazareth, Pa.  
 Phoenix Pottery Co., Bordentown, N. J.  
 Phoenix Refining Co., petroleum & its products, Tulsa, Okla.  
 Phoenix Refining & Mfg. Co., petroleum, Bakersfield, Cal.  
 Phoenix Sand & Gravel Co., 17 State, New York.  
 Phoenix Slate Co., Wind Gap, Pa.  
 Phoenix Sliding Blind Co., Phoenix, N. Y.  
 Phoenix Soapstone Co., 71 Murray, New York.  
 Phoenix Spec. Mfg. Co., metallic gaskets, 48 Duane, New York.  
 Phoenix Toilet & Paper Mfg. Co., Phoenix, N. Y.  
 Phoenix Trimming Co., fringes, 2008 N. Racine av, Chicago, Ill.  
 Phoenix Wire Wks., Detroit, Mich.  
 Phosphate Mining Co., 55 John, New York.  
 Phospho Food Co., Los Angeles, Cal.  
 Phosphor Bronze Smelting Co., 2200 Washington av, Phila., Pa.  
 Photo Products Co., paper, 6100 La Salle, Chicago, Ill.  
 P. & H. Supply Co., plumbers' supplies, Fort Wayne, Ind.  
 Phyfe, Lloyd I., architect, University av & Wash Bridge, New York.  
 Pia, Peter F., Britannia ware mfrs., 129 White, New York.  
 Pianista Piano Co., 614 W. 51st, New York.  
 Piano & Organ Supply Co., actions, 2132 N. Racine av, Chicago, Ill.  
 Picard-Law Co., chemists, Atlanta, Ga.  
 Picayune Turpentine Co., Covington, Ky.  
 Pich, Richard, Mfg. Co., inc. lamp filaments, 224 N. 5th av, Chicago, Ill.  
 Picher Lead Co., battery chemicals, 208 S. La Salle, Chicago, Ill.  
 Picher Lead Co., Joplin, Mo.  
 Pick, Albert, & Co., cooking apparatus, metal novelties & specialties, etc., W. 35th & S. Racine av, Chicago, Ill.  
 Pick, Richard, Mfg. Co., chair seats, 224 N. 5th av, Chicago, Ill.  
 Pickands, Brown & Co., pig iron, 332 S. Michigan av, Chicago, Ill.  
 Pickard, H. A., architect, Ipswich, Mass.  
 Pickarts Vinegar & Pickle Co., canned, Leavenworth, Kans.  
 Pickel, Benj., stone, Warrensburg, Mo.  
 Pickel Marble & Granite Co., 1901 N. B'way, St. Louis, Mo.  
 Pickel Stone Co., 1320 S. Vandeventer av, St. Louis, Mo.  
 Pickell, F. Gordon, architect, Kresge Bldg., Detroit, Mich.  
 Pickens' Auto Cloth Co., artificial lthr., 1777 B'way, New York.  
 Pickens Mills, cotton sheetings, Pickens, S. C.  
 Pickens Oil Mill, meal, Pickens, S. C.  
 Pickens, R. O., cornices & skylights, Spartanburg, S. C.  
 Pickerell, O. L., contractor, Trafalgar, Ind.  
 Pickering, Arthur D., architect, 103 Park av, New York.  
 Pickering, Geo., & Co., aniline colors, Elmira, N. Y.  
 Pickering Governor Co., roller bearings & steam engine governors, Portland, Conn.  
 Pickering Hardware Co., 5th & E. Main, Cincinnati, Ohio.  
 Pickering Mfg. Co., brush machy., 228 S. 4th, Philadelphia, Pa.  
 Pickering, Ridgway S., hinges, nails, staples, tacks, etc., Sharon Hill, Pa.  
 Pickering, W. H., & Co., machsts., Hartford, Conn.  
 Pickering, W. R., Lumber Co., Long Bldg., Kansas City, Mo.  
 Pickering, Wm. H., masons' & bldrs.' matls., Spencerville, O.  
 Pickert, John, contractor, Batavia, N. Y.  
 Pickert, L., Fish Co., canned, 16 New, Boston, Mass.  
 Pickett Hardware Co., Warren, Pa.  
 Pickett, Wm., & Co., contractors, Washington, Pa.  
 Pickin, Ephraim M., architect, Hunsicker Bldg., Allentown, Pa.  
 Picking, D., & Co., mill & facty. supplies, Bucyrus, O.  
 Picklands, Mather & Co., blast furnaces, Western Reserve Bldg., Cleveland, O.  
 Pickthall Supply Co., mill & facty. supplies, 321 Fremont, San Francisco, Cal.  
 Pictorial Post Card Co., Rochester, N. Y.  
 Piedgon, Thos., Iron Co., Memphis, Tenn.  
 Piedmont Cotton Mills, Egan, Ga.  
 Piedmont Fertilizer Co., Opelika, Ala.  
 Piedmont Fdry. & Mach. Co., Piedmont, W. Va.  
 Piedmont Fdry. & Machine Wks., Hickory, N. C.  
 Piedmont Hardware Co., Danville, Va.  
 Piedmont Mfg. Co., sheetings, Piedmont, S. C.  
 Piedmont Mills, flour, Lynchburg, Va.  
 Piedmont Mt. Airy Guano Co., fertilizer mfrs., Keyser Bldg., Baltimore, Md.  
 Piedmont Wagon & Mfg. Co., Hickory, N. C.  
 Piel Bros. Starch Co., Indianapolis, Ind.  
 Piel Construction Co., 2519 Edmondson av, Baltimore, Md.  
 Piel, G., Co., auto. horns, 29 13th, Long Island City, N. Y.  
 Pielage, Hy., & Co., stone, 1032 Flint, Cincinnati, O.  
 Pierce, A. White, architect, 26 Court, B'klyn, N. Y.  
 Pierce-Arrow Motor Car Co., 1605 Elmwood av, Buffalo, N. Y.  
 Pierce, B. D., Jr., Co., contractors, 122 Bank, Bridgeport, Conn.  
 Pierce & Bickford, architects, 120 Lake, Elmira, N. Y.  
 Pierce Bros., paper & pulp mills, St. Johnsbury Center, Vt.  
 Pierce-Budd Co., machsts., Bay City, Mich.  
 Pierce, Butler & Pierce Mfg. Corp., steam & hot water heater mfrs., 437 E. 162nd, New York.  
 Pierce, C. Berlin, contractor, Youngstown, O.  
 Pierce, C. S., Co., boot counters, Brockton, Mass.  
 Pierce, C. S., Lumber Co., Fresno, Cal.  
 Pierce, Chas. W., ship knees, Milo, Me.  
 Pierce Chemical Co., soap, 910 W. Lake, Chicago, Ill.  
 Pierce City Packing Co., Pierce City, Mo.  
 Pierce & Cox, heating contrs., 143 Kingston, Boston, Mass.  
 Pierce Cycle Co., 18 Hanover, Buffalo, N. Y.  
 Pierce, F. B., Co., spinning wheels, brush handles, Keene, N. H.  
 Pierce, F. M., & Co., glass, Clayton, N. J.  
 Pierce, F. O., Co., paints, 12 W. B'way, New York.  
 Pierce, F. W., contractor, Lorain, O.  
 Pierce-Fordyce Oil Ass'n, Texas City, Tex.  
 Pierce, Frederick L., contractor, 74 Weybosset, Providence, R. I.  
 Pierce, Geo. F., fertilizer mfr., Milford, Del.  
 Pierce Governor Co., machsts., Anderson, Ind.  
 Pierce, H. Frank, contractor, Belmar, N. J.  
 Pierce Hardware Co., Taunton, Mass.  
 Pierce, Harry L., architect, Columbia, Mo.  
 Pierce, Jno. A., mchsts. & fndrs., Xenia, Ill.  
 Pierce, John H., contractor, Norfolk, Va.  
 Pierce, L. B., brick, Winfield, Ia.  
 Pierce Machine Tool Co., turret lathes, 617 W. Jackson blvd, Chicago, Ill.  
 Pierce Mfg. Co., contractors, 785 Housatonic av, Bridgeport, Ct.  
 Pierce, O. W., Co., cornices, Olean, N. Y.  
 Pierce Oil Corp., Bank of Com. Bldg., St. Louis, Mo.  
 Pierce Phosphate Co., rock, Pierce, Fla.  
 Pierce, R. A., architect, Century Bldg., Denver, Colo.  
 Pierce, R. G., architect, 10 S. La Salle, Chicago, Ill.  
 Pierce, R. L., architect, Central Bldg., San Antonio, Tex.  
 Pierce, S. K., & Son, revolving chairs, Gardner, Mass.  
 Pierce Sam'l Organ Pipe Co., Reading, Mass.  
 Pierce & Stevens, alcohol, Buffalo, N. Y.  
 Pierce, Thos. W., Hardware Co., Middleboro, Mass.  
 Pierce, Walter S., Co., pianos, 691 14th, San Francisco, Cal.  
 Pierce, Wm. B., Co., draft gauges, Buffalo, N. Y.  
 Pierce, Wm. L., contrs., Danville, Ill.  
 Pierce & Williams, masons' & bldrs.' matls., Bristol, Pa.  
 Pierce & Winn Co., masons' & bldrs.' matls., Arlington, Mass.  
 Pierce Wrapping Machine Co., 617 W. Jackson blvd, Chicago, Ill.  
 Piermont Paper Co., Piermont, N. Y.  
 Pierpoint, Jas., & Sons Co., pig iron & coke dlrs., Morris bl, Philadelphia, Pa.  
 Pierpont, Francis, architect, 321 W. 3d, Los Angeles, Cal.  
 Pierpont, John A., htg. contrs., 310 12th, N. W., Washington, D. C.  
 Pierpont Mfg. Co., wooden pails, buckets, Savannah, Ga.  
 Pierron Pottery Co., 31 Johnson, Milwaukee, Wis.  
 Piers, Eber F., architect, Ogden, Utah.  
 Pierson, A. B., & F. G., architects, Wash. Ln. & Tr. Bldg., Washington, D. C.  
 Pierson, Arthur S., architect, Morristown, N. J.  
 Pierson & Bro., contractors, Terre Haute, Ind.  
 Pierson, Chiron C., contractor, Mers. Bk. Bldg., Indianapolis, Ind.  
 Pierson & Co., iron & steel wks., 29 B'way, New York.  
 Pierson, E. R., contrs., Terre Haute, Ind.  
 Pierson Engineering & Construction Co., Hartford, Conn.  
 Pierson, Fred. L., architect, Bloomfield, N. J.  
 Pierson & Goodrich, contractors, 90 West, New York.  
 Pierson, Henry, & Sons, contractors, 1000 Olive, Baltimore, Md.  
 Pierson & Hough Co., horse collars, 158 Congress W., Detroit, Mich.  
 Pierson, J. K. C., architect, Jacksonville, Ill.  
 Pierson, J. N., & Son, architects, Perth Amboy, N. J.  
 Pierson, Jas. W., Co., masons' & bldrs.' matls., East Orange, N. J.  
 Pierson Lbr. & Coal Co., Copper & Cherry, Northside, Cincinnati, Ohio.  
 Pierson Telegraph Transmitter Co., Topeka, Kans.  
 Pierson U. Bar Co., green house bldrs., etc., 1 Madison av, New York.  
 Pierson Wilcox Elec. Co., 547 McKnight, Minneapolis, Minn.  
 Pietsch, Ferdinand, steel structural wk., 617 Cedar, Milwaukee, Wis.  
 Pietsch, Theodore W., architect, American Bldg., Baltimore, Md.  
 Pietz, Adam, die sinkers, 1011 Chestnut, Philadelphia, Pa.  
 Pietzman, J., & Son, scrap iron & steel, Kansas City, Mo.  
 Pifers, G. W., Sons, sash, door & blind, Dubois, Pa.  
 Pigeon Fraser Hollow Spar Co., E. Boston, Mass.  
 Pigeon River Lbr. Co., Grand Rapids, Wis.  
 Pigg, A. C., architect, Chronicle Bldg., Houston, Tex.  
 Piggins Motor Truck Co., machsts., Racine, Wis.  
 Piggins, Wm. S., & Sons, crushed stone, Detroit, Mich.  
 Pignolet, Louis M., elec'l. insts., 78 Cortlandt, New York.  
 Pigot, Sayre Co., oils & greases, 71 Front, New York.  
 Pigott, Jas. S., architect, 9 Clinton, Newark, N. J.



- Pigott, Thos. E., steel, 632 Frankford av, Cleveland, O.  
 Pihl & Miller, dock bldrs., Wabash Bldg., Pittsburgh, Pa.  
 Pike, A. W., & Co., whol. hdwe., 711 Mission, San Francisco, Cal.  
 Pike Bros. Lumber Co., La Grange, Ga.  
 Pike & Cook, contractors, 416 S. 5th, Minneapolis, Minn.  
 Pike Dial Lbr. Co., 2201 Loomis, Chicago, Ill.  
 Pike, E. N., & Son, belt dressing, 261 Franklin, Boston, Mass.  
 Pike, F. H., machsts & fndrs., Randolph, N. Y.  
 Pike-Gillette Corp., sweeping compounds, Syracuse, N. Y.  
 Pike, H. S., contractor, 28 Townsend, Worcester, Mass.  
 Pike & Heald Co., steamfitters' supplies, Manchester, N. H.  
 Pike, John B., contractor, Rochester, N. Y.  
 Pike, John E., sweaters, cardigans, etc., Mascher bl, York, Pa.  
 Pike Mfg. Co., emery & corundum wheel mfrs., Pike, N. H.  
 Pike River Granite Co., Marinette, Wis.  
 Pike Rubber Co., Akron, Ohio.  
 Pike Stained Glass Co., glass stainers, 191 East av, Rochester, N. Y.  
 Pike, W. N., & Sons, contractors, 264 Essex, Lawrence, Mass.  
 Pike & Whipple Co., carriages, Peabody, Mass.  
 Pikesville Dist. Co., Roslyn, Md.  
 Pilat, Carl F., landscape architect, 52 B'way, New York.  
 Pilcher, Lewis F., architect, Woolworth Bldg., New York.  
 Pilcher & Tachau, architects, 109 Lexington av, New York.  
 Pilcher's, Hy., Sons, organs, pianos, Louisville, Ky.  
 Pile, J. W., carriages, Marietta, Ind.  
 Pilgrim Iron Wks., Los Angeles, Cal.  
 Pillar Bay Packing Co., Seattle, Wash.  
 Pillar, S. L., architect, Riverside, Cal.  
 Pilley Flue Brush Co., wire brushes of all kinds, 604 South 3d, St. Louis, Mo.  
 Pilling Brass Co., platers' metals, Waterbury, Conn.  
 Pilling & Crane, Real Estate Trust Bldg., Philadelphia, Pa.  
 Pilling, Geo. P., & Son Co., milking tubes, 23d & Arch, Philadelphia, Pa.  
 Pillinger, W. A., Co., contractors, 11 S. La Salle, Chicago, Ill.  
 Pilliod Co., machinist, Swanton, Ohio.  
 Pilliod Lumber Co., Swanton, Ohio.  
 Pillsburg, Arthur L., architect, Bloomington, Ill.  
 Pillsbury Mfg. Co., collapsible buckets, 322 Hennepin av, Minneapolis, Minn.  
 Piloid Milling Co., wheat flour, Swanton, Ohio.  
 Pilot Motor Car Co., Richmond, Ind.  
 Pilot Point Cotton Oil Mill Co., meal, Pilot Point, Tex.  
 Pilot Point Roller Mill Co., flour, Pilot Point, Tex.  
 Pilsen Endry, & Iron Wks., 1530 W. 22d, Chicago, Ill.  
 Pilsen Lbr. Co., 2201 Laflin, Chicago, Ill.  
 Pilsen Sash & Door Co., 2926 W. 26th, Chicago, Ill.  
 Pimbley Paint & Glass Co., St. Joseph, Mo.  
 Pinal Dome Refining Co., petroleum, Santa Maria, Cal.  
 Pinches, John, & Sons, interior hardwood wk. mfrs., New Britain, Conn.  
 Pinckneyville Milling Co., flour, Pinckneyville, Ill.  
 Pine Bluff Brick Co., Pine Bluff, Ark.  
 Pine Bluff Iron Wks., machsts. & fndrs., Pine Bluff, Ark.  
 Pine & Co., mill & facty. supplies, 745 3d av (Lansingburgh), Troy, N. Y.  
 Pine-Fir Co., lumber, Spokane, Wash.  
 Pine Grove Vitrified Brick Co., 20th & Sedgley, Philadelphia, Pa.  
 Pine-Ihrig Mach. Co., Oshkosh, Wis.  
 Pine Level Oil Mills, Pine Level, N. C.  
 Pine Lbr. Co., Newbern, N. C.  
 Pine Mountain Granite Co., Atlanta, Ga.  
 Pine Tree Mfg. Co., Little Falls, Minn.  
 Pinehurst Fertilizer Co., Pinehurst, Ga.  
 Pineora Mfg. Co., lumber, Pineora, Ga.  
 Piner, John, brick, Stuart, Iowa.  
 Pingree, A. W., lbr., Auburn, N. H.  
 Pingree, D. W., Co., lbr., etc., Lawrence, Mass.  
 Pingree, Sam'l R. B., lbr. mfrs., Lewiston, Me.  
 Pingrey, Roy E., architect, 209 S. La Salle, Chicago, Ill.  
 Pinkerton Boiler Wks., steel tanks, Watervliet, N. Y.  
 Pinkerton Mfg. Co., jaw chucks, Philadelphia, Pa.  
 Pinkerton, Robt., Boiler Wks., Green Island, N. Y.  
 Pinkham, Everard, architect, Medham, Mass.  
 Pinkham, J. E., Lbr. Co., cedar shingles, Seattle, Wash.  
 Pinkham & Smith Co., lenses, 288 Boylston, Boston, Mass.  
 Pinkosowitz, Abr., trunk mfr., 113 2d, New York.  
 Pinnell, J. W., fndrs., Scranton, Pa.  
 Pinnell, J. W., & Co., lbr. mfrs., 230 E. Ohio, Indianapolis, Ind.  
 Pinnell & Tompkins Lumber Co., Rushville, Ind.  
 Pinneo & Daniels Co., carriage hubs, spokes & wheels, Dayton, Ohio.  
 Pinner, R. A., mach'y, 122 Water, New York.  
 Pinney, Casse & Lackey Co., window shade mfrs., Fairmount, Jersey City, N. J.  
 Pinney, E. J., contractor, Springfield, Mass.  
 Pinson, J. L., brick, Greenwood, S. C.  
 Pinyoun, F. C., & Son, portable fireproof garages, 2526 Carnegie av, Cleveland, Ohio.  
 Pioneer Asphalt Co., waterproofing materials, Lawrenceville, Ill.  
 Pioneer Asphaltum & Artificial Stone Pavement Co., 634 Clay, San Francisco, Cal.  
 Pioneer Boat & Pattern Co., Bay City, Mich.  
 Pioneer Boiler & Mach. Wks., Los Angeles, Cal.  
 Pioneer Brass Fdry. Co., Oakland, Cal.  
 Pioneer Brass Wks., machsts. & fndrs., Indianapolis, Ind.  
 Pioneer Brick Co., Spokane, Wash.  
 Pioneer Broom Co., Amsterdam, N. Y.  
 Pioneer Canning Co., St. Henry, Ohio.  
 Pioneer Canning & Pickling Co., St. Nazianz, Wis.  
 Pioneer Carriage Co., Seattle, Wash.  
 Pioneer Construction Co., 180 Jessie, San Francisco, Cal.  
 Pioneer Contr. Co., New Rochelle, N. Y.  
 Pioneer Cooperation Co., 2212 De Kalb, St. Louis, Mo.  
 Pioneer Corp., clocks, house numbers & switch plates, 1249 W. 65th, Chicago, Ill.  
 Pioneer Cotton Mills, twine, rope, wicks, Guthrie, Okla.  
 Pioneer Cut Glass Co., Carbondale, Pa.  
 Pioneer Flouring Mill Co., Island City, Ore.  
 Pioneer Granite Co., St. Cloud, Minn.  
 Pioneer Guano Co., Albany, Ga.  
 Pioneer Implement Co., Council Bluffs, Ia.  
 Pioneer Iron Co., blast furnaces, Cleveland, Ohio.  
 Pioneer Iron & Wire Wks. Co., Denver, Colo.  
 Pioneer Iron Wks., machsts. & fndrs., 149 Pioneer, B'klyn, N. Y.  
 Pioneer Knitting Co., sweaters, cardigans, etc., 19 S. 4th, Philadelphia, Pa.  
 Pioneer Lumber Co., Seattle, Wash.  
 Pioneer Mach. Wks., steam engine & rd. rollers, 75 Delavan, Brooklyn, N. Y.  
 Pioneer Mfg. Co., soaps, sweeping compounds, etc., E. 103d & Harvard, Cleveland, Ohio.  
 Pioneer Mfg. Co., galvanized steel tanks, Middlebury, Ind.  
 Pioneer Marble & Granite Wks., stone producers, El Paso, Tex.  
 Pioneer Mercantile Co., masons' & bldrs.' matls., Bakersfield, Cal.  
 Pioneer Metal & Glass Sign Co., 423 Hayes, San Francisco, Cal.  
 Pioneer Paint Co., glass, Portland, Ore.  
 Pioneer Paper Co., Ballston Spa, N. Y., & Los Angeles, Cal.  
 Pioneer Pearl Button Co., Poughkeepsie, N. Y.  
 Pioneer Plaster Co., Seattle, Wash.  
 Pioneer Plate & Window Glass Co., 1070 Mission, San Francisco, Cal.  
 Pioneer Pole & Shaft Co., Piqua, Ohio.  
 Pioneer Sand & Gravel Co., Seattle, Wash.  
 Pioneer Shoe & Rubber Co., 27 No. 3d, Minneapolis, Minn.  
 Pioneer Soap Co., 24 California, San Francisco, Cal.  
 Pioneer Stove & Stamping Co., Tacoma, Wash.  
 Pioneer Tar Soap Co., Dayton, Ohio.  
 Pioneer Tractor Mfg. Co., engines, Winona, Minn.  
 Piotti, Ambrogio, contractor, 38 Olney, Boston, Mass.  
 Pipe Coiling, Bending & Welding Co., 33d & A. V. R. R., Pittsburgh, Pa.  
 Pipe & Contractors' Supply Co., second-hand mach'y, 3 Dover, New York.  
 Pipe Machy. Co., Cleveland, Ohio.  
 Pipe Railing Construction Co., 79 6th, Long Island City, N. Y.  
 Piper, B. H., Co., bats, hammer handles, hockey & polo sticks, etc., Manchester, N. H.  
 Piper & Clark, starch mfrs., Sherman Mills, Me.  
 Piper, Edgar R., architect, 2707 Wisconsin, Washington, D. C.  
 Piper, F. Stanley, architect, Bellingham, Wash.  
 Piper, Geo. M., hdwe. mfrs., Winchendon, Mass.  
 Pipes, W. H., architect, Henry Bldg., Portland, Ore.  
 Pipkorn, W. H., Co., masons' & bldrs.' matls., Milwaukee, Wis.  
 Pipp, Herman W., architect, Ann Arbor, Mich.  
 Pippin, Walter T., contractor, Chestertown, Md.  
 Pippy & Weld, bldg. contrs., Portland, Ore.  
 Piqua Bracket Co., Piqua, Ohio.  
 Piqua Cap Co., Piqua, Ohio.  
 Piqua Flour Co., Piqua, Ohio.  
 Piqua Handle & Mfg. Co., P. O. Box 307, Piqua, Ohio.  
 Piqua Milling Co., flour, Piqua, Ohio.  
 Piqua Paper Box Co., scrap iron, Piqua, Ohio.  
 Piquet Box & Lbr. Co., pkg. box mfrs., Syracuse, N. Y.  
 Pirie, Jas. K., granite, Graniteville, Vt.  
 Pirner, Anton, architect, 2069 Westchester av, New York.  
 Pirring Mfg. Co., corn brooms & floor brushes, 4436 Greenview av, Chicago, Ill.  
 Pirrone, Frank, architect, Garfield, N. J.  
 Pirsch, Peter, & Co., metal auto. bodies, fire engines, hose, etc., Kenosha, Wis.  
 Pisanelli, Gennaro, contractor, 3553 Olinville av, New York.  
 Pisani Bros., mable & mosaic cube imptrs., 61 Mills, Astoria, L. I. City, N. Y.  
 Pisciotta, Lucian, architect, 391 E. 149th, New York.  
 Piston Ring Co., Muskegon, Mich.  
 Pitard's, G., Sons, whol. hdwe., 1031 Canal, New Orleans, La.  
 Pitcairn Varnish Co., varnish mfrs., 213 Lake, Milwaukee, Wis.  
 Pitcher, Geo. E., architect, Norwich, Conn.  
 Pitegoff Bros., brushes, 13 Crosby, New York.  
 Pitkin, F. H., contractor, 30 N. Michigan, Chicago, Ill.  
 Pitkin, Lucius, chemist, 47 Fulton, New York.  
 Pitkin, Wm., Jr., architect, Cutler Bldg., Rochester, N. Y.  
 Pitless Auto Turntable Co., Kansas City, Mo.  
 Pitman, Ernest W., Co., contractors, Bay Stable Bldg., Lawrence, Mass.  
 Pitman, John, contractor, Niagara Falls, N. Y.  
 Pitner Gasoline Lighting Co., lamps, 8 E. Kinzie, Chicago, Ill.  
 Pitometer Co., water waste detectors, 25 Elm, New York.  
 Pitt Car Gate Co., 219 W. 26th, New York.  
 Pitt Constr. Co., Fulton Bldg., Pittsburgh, Pa.  
 Pitt Engng. Co., elevators, 120 W. Kinzie, Chicago, Ill.  
 Pitt, W. C., flour, Lovelocks, Nev.



Pitt, Wm. R., Composite Iron Works, iron works, 219 W. 26th, New York. *See adv index at end of book*  
 Pittard, John T., fertilizer mfrs., Winterville, Ga.  
 Pittenger, Edw. S., contractor, Easton, Pa.  
 Pittet, Felix G., contractor, Paterson, N. J.  
 Pittman, Chas. H., brick, Brown Mills, N. J.  
 Pittman Construction Co., Atlanta, Ga.  
 Pittman, D. D., architect, Settegast Bldg., Houston, Tex.  
 Pittman, Henry C., architect, 52 William, New York.  
 Pitts, A. L., Slate Co., Arvon, Va.  
 Pitts Co., contractors, 58 E. Park av, Newark, N. J.  
 Pitts Fertilizer & Oil Co., cottonseed meal, Pitts, Ga.  
 Pitts, Henry S., architect, Turk's Head Bldg., Providence, R. I.  
 Pitts, I. H., & Son Co., fertilizer, Waverly Hall, Ga.  
 Pittsburgh Cotton Oil Co., meal, Pittsburgh, Tex.  
 Pittsburgh Fdry. Co., Los Angeles, Cal.  
 Pittsburgh Fdry. & Mach. Co., Pittsburgh, Tex.  
 Pittsburgh Paving Brick Co., Kansas City, Mo.  
 Pittsburgh Pneumatic Co., machsts., Canton, Ohio.  
 Pittsburgh Zinc Co., Pittsburgh, Kans.  
 Pittsburgh Air Tight Door Sill Co., weather strips, Liberty & Short, Pittsburgh, Pa.  
 Pittsburgh Annealing Box Co., 829 Beaver, Pittsburgh, Pa.  
 Pittsburgh Armature Wks., 207 S. Main, Pittsburgh, Pa.  
 Pittsburgh Block & Mfg. Co., pulley blocks, 818 South av, Pittsburgh, Pa.  
 Pittsburgh Brake Shoe Co., Farmers' Bank Bldg., Pittsburgh, Pa.  
 Pittsburgh Brass Mfg. Co., copper castings, Pittsburgh, Pa.  
 Pittsburgh Bridge & Iron Wks., steel struct. wk., Farmers' Bk. Bldg., Pittsburgh, & Rochester, Pa.  
 Pittsburgh Brush Co., 324 Liberty av, Pittsburgh, Pa.  
 Pittsburgh Can Co., steel kegs, 61 Bridge, Pittsburgh, Pa.  
 Pittsburgh Carbon Brush Co., 512 E. Diamond, Pittsburgh, Pa.  
 Pittsburgh Clay Pot Co., glass house supplies, 1261 Reedsdale, Pittsburgh, Pa.  
 Pittsburgh Clay Products Co., brick, Keenan Bldg., Pittsburgh, Pa.  
 Pittsburgh Coal Co. of Wis., Garfield av, Duluth, Minn.  
 Pittsburgh Coal of Penn., coke mfrs., Oliver Bldg., Pittsburgh, Pa.  
 Pittsburgh Coal Washer Co., mach'y, Fulton Bldg., Pittsburgh, Pa.  
 Pittsburgh Cold Rolled Steel Co., 39th & P. R. R., Pittsburgh, Pa.  
 Pittsburgh Construction Co., Diamond Bank Bldg., Pittsburgh, Pa.  
 Pittsburgh Conveying Machinery Co., wagon loaders, 4th & Duquesne wy, Pittsburgh, Pa.  
 Pittsburgh Crucible Steel Co., car axles, springs, etc., Midland, Pa.  
 Pittsburgh Crushed Steel Co., 61st & A. V. R. R., Pittsburgh, Pa.  
 Pittsburgh-Des Moines Steel Co., steel tanks & towers, 4th & Ross, Pittsburgh, Pa. *See adv index at end of book.*  
 Pittsburgh Elec. Furnace Co., Vanadium Bldg., Pittsburgh, Pa.  
 Pittsburgh Electric Specialties Co., cooking app. & projectors, Ross & 1st av, Pittsburgh, Pa.  
 Pittsburgh Electrical & Mach. Wks., machsts. & fndrs., Barker pl, Pittsburgh, Pa.  
 Pittsburgh Electro Galvanizing Co., 2624 Smallman, Pittsburgh, Pa.  
 Pittsburgh Emery Wheel Co., Rochester, Pa.  
 Pittsburgh Equipment Co., car wheel centers, House Bldg., Pittsburgh, Pa.  
 Pittsburgh Filter Mfg. Co., Farmers' Bank Bldg., Pittsburgh, Pa.  
 Pittsburgh Forge & Iron Co., car & locomotive axles, 1003 Penn av, Pittsburgh, Pa.  
 Pittsburgh Foundry & Machine Co., ft. 36th, Pittsburgh, Pa.  
 Pittsburgh Gage & Supply Co., gages, rasp & file, etc., 30th & Liberty av, Pittsburgh, Pa.  
 Pittsburgh Gallery Brick Co., Wabash Bldg., Pittsburgh, Pa.  
 Pittsburgh Gas & Elec. Fixture Co., 428 Penn., Pittsburgh, Pa.  
 Pittsburgh Hardwood Floor Co., sash, door & blind, Park Bldg., Pittsburgh, Pa.  
 Pittsburgh Harness Supply Co., 325 Penn av, Pittsburgh, Pa.  
 Pittsburgh Heating Co., 8 Wood, Pittsburgh, Pa.  
 Pittsburgh-Hickson Co., machsts. & fndrs., Butler, Pa.  
 Pittsburgh High Voltage Insulator Co., Berry, Pa.  
 Pittsburgh Instrument & Mach. Co., 236 3d, Pittsburgh, Pa.  
 Pittsburgh Insulating Co., insulating cloth, 96 43d, Pittsburgh, Pa.  
 Pittsburgh Iron Paint Co., mortar color mfrs., N. S. Pittsburgh, Pa.  
 Pittsburgh Iron & Steel Foundries Co., Midland, Pa.  
 Pittsburgh Iron Works, machsts. & fndrs., 2170 Bedford av, Pittsburgh, Pa.  
 Pittsburgh Knife & Forge Co., 709 Belmont, N. S., Pittsburgh, Pa.  
 Pittsburgh Lamp, Brass & Glass Co., machsts. & fndrs., Locust & River, Pittsburgh, Pa.  
 Pittsburgh Limestone Co., New Castle, Pa.  
 Pittsburgh Mach. Co., New Brighton, Pa.  
 Pittsburgh Machine Tool Co., Braddock, Pa.  
 Pittsburgh Mach. Tool Co., screw cutting lathes, Pittsburgh, Pa.  
 Pittsburgh Malleable Iron Co., 34th & Smallman, Pittsburgh, Pa.

Pittsburgh Metal Bed Co., 1136 Brown, Pittsburgh, Pa.  
 Pittsburgh Metal Brazing Co., elec. welding, 2939 Smallman, Pittsburgh, Pa.  
 Pittsburgh Metal Spinning & Stamping Co., shade holders, 400 Duquesne way, Pittsburgh, Pa.  
 Pittsburgh Meter Co., gas & water meters, East Pittsburgh, Pa.  
 Pittsburgh Model Engine Co., Lexington & P. R. R., Pittsburgh, Pa.  
 Pittsburgh Oil Refining Co., oils, Pittsburgh, Pa.  
 Pittsburgh Ornamental Iron Co., S. 20th & Wharton, Pittsburgh, Pa.  
 Pittsburgh Paint Supply Co., 617 Liberty, Pittsburgh, Pa.  
 Pittsburgh Paper Box Co., Vanadium Bldg., Pittsburgh, Pa.  
 Pittsburgh & Phila. Oil & Refining Co., Camden, N. J.  
 Pittsburgh Piping & Equipment Co., 35th & Charlotte, Pittsburgh, Pa.  
 Pittsburgh Plate Glass Co., Frick Bldg., Pittsburgh, Pa., & 53 Larned E., Detroit, Mich.  
 Pittsburgh Provision & Packing Co., Herrs Island, Pittsburgh, Pa.  
 Pittsburgh Reflector & Illuminating Co., Pittsburgh, Pa.  
 Pittsburgh Reinforced Brazing & Mach. Co., 2515 Liberty, Pittsburgh, Pa.  
 Pittsburgh Reinforcing Pole Co., 436 6th av, Pittsburgh, Pa.  
 Pittsburgh Rivet Co., 38th & Junction R. R., Pittsburgh, Pa.  
 Pittsburgh Safe Co., Connellsville, Pa.  
 Pittsburgh Saw Co., 216 2d av, Pittsburgh, Pa.  
 Pittsburgh Scrap Iron Co., second hand pipe, S. 20th & Wharton, Pittsburgh, Pa.  
 Pittsburgh Screw & Bolt Co., Preble av, Pittsburgh, Pa.  
 Pittsburgh Seamless Tube Co., Beaver Falls, Pa.  
 Pittsburgh Shafting Co. of Detroit, steel, tubing, Detroit, Mich.  
 Pittsburgh Sheet Metal Co., cornices & skylights, S. 20th & Wharton, Pittsburgh, Pa.  
 Pittsburgh Shovel Co., also spades, scoops, etc., Oliver Bldg., Pittsburgh, Pa.  
 Pittsburgh Smelting & Refining Co., Elizabeth & B. & O. R. R., Pittsburgh, Pa.  
 Pittsburgh Spring & Steel Co., Farmers' Bank Bldg., Pittsburgh, Pa.  
 Pittsburgh Stained Glass Wks., 6709 Hamilton av, Pittsburgh, Pa.  
 Pittsburgh Steel Co., iron rolling mills, steel to wire products, etc., 5th av & Grant, Pittsburgh, Pa.  
 Pittsburgh Steel Foundry, steel castings, House Bldg., Pittsburgh, Pa.  
 Pittsburgh Steel Products Co., iron & steel rolling Mills, Frick Bldg., Pittsburgh, Pa.  
 Pittsburgh Testing Laboratory, 7th & Bedford, Pittsburgh, Pa.  
 Pittsburgh Tool Steel Wire Co., Monaca, Pa.  
 Pittsburgh Transformer Co., Adams & Preble av, Pittsburgh, Pa.  
 Pittsburgh Trolley & Forge Co., drift pins & forgings, Pittsburgh, Pa.  
 Pittsburgh Trunk Co., 1041 Gibbon, Pittsburgh, Pa.  
 Pittsburgh Tube Co., pipe & tube mills, Keystone Bldg., Pittsburgh, Pa.  
 Pittsburgh Valve & Fittings Co., Frick Bldg., Pittsburgh, Pa.  
 Pittsburgh Valve, Foundry & Constr. Co., valves, 26th & A. V. Ry., Pittsburgh, Pa.  
 Pittsburgh Wall Paper Co., New Brighton, Pa.  
 Pittsburgh Water Heater Co., Columbia Bank Bldg., Pittsburgh, Pa.  
 Pittsburgh Waterproof Co., wagon covers, etc., 435 Liberty av, Pittsburgh, Pa.  
 Pittsburgh White Metal Co., babbitt metal, 3116 Penn av, Pittsburgh, Pa.  
 Pittsburgh White Sand Co., Farmers' Bk. Bldg., Pittsburgh, Pa.  
 Pittsburgh Wireless Equipment Co., Ridgway, Pa.  
 Pittsburgh Wood Preserving Co., creosoted materials, Commonwealth Bldg., Pittsburgh, Pa.  
 Pittsfield Carriage Co., Pittsfield, Mass.  
 Pittsfield Junk Co., scrap rubber, Pittsfield, Mass.  
 Pittsfield Lime Co., Richmond, Mass.  
 Pittsfield Spark Coil Co., coil switches, Pittsfield, Mass.  
 Pittston Iron Roofing Co., Pittston, Pa.  
 Pittston Stove Co., Pittston, Pa.  
 Pitz, John F., patterns & models, 61 Park Row New York.  
 Pitz & Weber, fndrs., 287 Scholes, Brooklyn, N. Y.  
 Pixley Safe & Lock Co., Toledo, O.  
 Piza, Nephews & Co., crude rubber, 18 B'way, New York.  
 P-K Engineers, contractors & expansion joints, St. Louis, Mo.  
 Placer County Growers' Ass'n, canned goods, Lincoln, Cal.  
 Plack Carriage Wks., Gallon, Ohio.  
 Plack, W. L., architect, 1208 Chestnut, Phila., Pa.  
 Placke, H. H., contractor, Andrus Bldg., Minneapolis, Minn.  
 Plackek, Jas. W., architect, Acheson Bldg., Berkeley, Cal.  
 Plager, Wm. S., architect, 2115 Kearney, N. E., Washington, D. C.  
 Plain Canning Co., Plain City, Ohio.  
 Plain City Canning Co., Plain City, Utah.  
 Plainview Canning Co., Plainview, Minn.  
 Plainville Canning Co., Plainville, Ind.  
 Plaistead, B. T., knitted gloves, Hartford, Conn.  
 Plambeck, H. Wm., contractor, Davenport, Ia.  
 Plamondon, A., Mfg. Co., mill & facty. supplies & power transmitting machy., 12 N. Clinton, Chicago, Ill.  
 Plane, I. C., cornices & skylights, Independence, Ia.  
 Planert, F. W., & Son, ice skates, 941 N. Roby, Chicago, Ill.



- Planet Co., auto trunks, halters, etc., Westfield, Mass.  
 Planet Engrg. Co., Beekman, New York.  
 Planing Mill Co., sash, door & blinds, Roaring Springs, Pa.  
 Plank Flexible Shaft Mach. Co., universal joints, Grand Rapids, Mich.  
 Plankington Packing Co., meat, 3012 Meinecke av, Milwaukee, Wis.  
 Plansifter Milling Co., flour, Okla., Okla.  
 Plant City Fdry. Mach. & Boiler Wks., Plant City, Fla.  
 Plant Rubber Co., 322 1st av N., Minneapolis, Minn.  
 Planters' Chemical & Oil Co., Talladega, Ala.  
 Planters' Cotton Oil Co., Augusta & Montgomery, Ga.  
 Planters' Cotton Oil & Fertilizer Co., Rocky Mount, N. C.  
 Planters' Fertilizer & Chemical Co., acid phosphate, Hibernia Bldg., New Orleans, La.  
 Planters' Fertilizer Co., Flowery Branch, Macon & Tennville, Ga.  
 Planters' Fertilizer Live Stock Co., Buena Vista, Ga.  
 Planters' Fertz. & Phosphate Co., Charleston, S. C.  
 Planters' Hardware Co., Thibodeaux, La.  
 Planters' Lumber Co., Ltd., Jeanerette, La.  
 Planters' Oil Co., Albany, Ga.  
 Planters' Oil & Fertilizer Co., Lilly, Ga.  
 Planters' Oil Mill, Tunica, Miss.  
 Planters' Oil Mill & Gin Co., fertilizer mfrs., Kosciusko, Miss.  
 Planters' Warehouse & Commission Co., fertilizer mfrs., Eutaw, Ala.  
 Planters' Warehouse Co., fertilizer, Reynolds, Ga.  
 Planters' Warehouse & Loan Co., Fitzgerald, Ga.  
 Plaquemine Brickyard, Plaquemine, La.  
 Plaquemine Stave & Heading Co., Ltd., Plaquemine, La.  
 Plastergon Wall Board Co., 11 Philadelphia av, Buffalo, N. Y.  
 Plastic Relief Mfg. Co., wood carvers, ornaments, etc., 49 N. Halsted, Chicago, Ill.  
 Plato, Samuel, architect, Marion, Ind.  
 Platt, Addison J., agricultural implements, Sterling, Ill.  
 Platt Bros. & Co., fndrs., Waterbury, Conn.  
 Platt, Chas. A., landscape architect, 101 Park av, New York.  
 Platt, Clarence B., stone, Bridgeton, N. J.  
 Platt & Co., cans & canned goods, Key Highway & Boyle, Baltimore, Md.  
 Platt, Frank S., Co., fertilizer mfrs., New Haven, Conn.  
 Platt, Fred'k P., architect, 1123 B'way, New York.  
 Platt, Geo. A., children's carriages, 489 5th av, Brooklyn, N. Y.  
 Platt, Hy. B., disinfectants, etc., 42 Cliff, New York.  
 Platt Iron Works, pumps, oil mill machinery, etc., Keowee & Valley, Dayton, Ohio.  
 Platt, J. Mills, architect, Cutler Bldg., Rochester, N. Y.  
 Platt, Jno., steam traps, 97 Cedar, New York.  
 Platt Pressed & Fire Brick Co., Van Meter, Ia.  
 Platt & Thornburgh Paint Co., 7th & Franklin, St. Louis, Mo.  
 Platt & Washburn Refin'g Co., oils & greases, 11 B'way, New York.  
 Platt, Wm. L., Constr. Co., Paterson, N. J.  
 Platte Valley Cement Tile Mfg. Co., Fremont, Neb.  
 Plattner Implement Co., Denver, Colo.  
 Plattsburg Foundry & Machine Co., Plattsburg, N. Y.  
 Plaut, L., & Co., elec. & gas light fixture mfrs., 432 E. 23d, New York.  
 Playthings, trade publication, 118 E. 28th, New York.  
 Plaza Mfg. Co., elec. & gas light fixtures, 1269 B'way, New York.  
 Plaza Music Co., talk'g Mach., 10 W. 20th, New York.  
 P. & L. Constrg. Co., 299 Grand, New York.  
 Pleas Concrete Construction Co., 30 N. La Salle, Chicago, Ill.  
 Pleasant Grove Canning Co., Pleasant Grove, Utah.  
 Pleasant Plains Canning Co., Pleasant Plains, Ill.  
 Pleasant River Granite Co., Addison, Me.  
 Pleasant Spring Distillery Co., 41 Union Sq., New York.  
 Pleasant Valley Shingle Co., lumber, Elbe, Wash.  
 Plew & Motter Co., loose leaf devices, 1200 Monroe, Chicago, Ill.  
 Plews, R., Mfg. Co., cornices, Central Falls, R. I.  
 Plimpton Elevating Truck Co., 70 5th av, New York.  
 Plimpton & Hills Corp., mill, facty. & plumbers' supplies, Hartford, Conn.  
 Plimpton, J. E., & Co., machsts. & fndrs., Norwood, Mass.  
 Plimpton Mfg. Co., plain envelopes, Hartford, Conn.  
 Plizer, Elias M., stone prod., Watkins, Brooklyn, N. Y.  
 Plocher, Andrew, Sons Co., 424 E. 1st, Dayton, Ohio.  
 Plock, A. F., safety catches, Park Bldg., Pittsburgh, Pa.  
 Plock, John, Co., contractor, 221 Huron, Toledo, Ohio.  
 Plome-Sinek Co., concrete floors & arches, 139 N. Clark, Chicago, Ill.  
 Plome Specialty Mfg. Co., gear protective composition, lubricating oils, etc., Cleveland, Ohio.  
 Plotkin, S. J., mattresses, Johnstown, Pa.  
 Plotz, Wm., machst., 401 Champlain av N. W., Cleveland, Ohio.  
 Plugh, August T., plugs—soil pipe testing, Hoboken, N. J.  
 Plum Point Canning Co., Plum Point, Md.  
 Plumb, D. S., clock works, Norfolk nr. Central av, Newark, N. J.  
 See adv index at end of book.  
 Plumb, Fayette R., machst., Tucker & James, Phila., Pa.  
 Plumbers' & Factory Supply Co., 33 E. Spring, Columbus, Ohio.  
 Plumbers' Supply Co., Joplin, Mo.  
 Plumbers' Trade Journal Pub. Co., 43 W. 34th, Chicago, Ill.  
 Plumbers' Woodwork Co., Algoma, Wis.  
 Plumbing & Mill Supply Co., 840 Baronne, New Orleans, La.  
 Plumbing Supply Co., Sioux Falls, S. D.  
 Plume & Atwood Mfg. Co., lamp adapters, 470 Bank, Waterbury, Conn.  
 Plumley, Morris, contractor, Chester, Pa.  
 Plummer-Adams Construction Co., Springfield, Mo.  
 Plummer, C. M., & H. T., steam fitters' supplies, Portland, Me.  
 Plummer, D. S., brick, 104 W. 90th, New York.  
 Plummer, Geo. E., & Son, sashes, doors & blinds, Alameda, Cal.  
 Plummer, Geo. L., lbr., Union, N. H.  
 Plummer, H. H., masons' & bldrs.' matls., Menasha, Wis.  
 Plummer, W. A., Mfg. Co., bags & bagging, 37 Front, San Francisco, Cal.  
 Plump, G. H., & Sons, contractors, 1415 Mansfield, Cincinnati, O.  
 Plumstead, Harry T., shoe patterns, Haverhill, Mass.  
 Plunket, Jas. E., machsts., 1342 W. Lake, Chicago, Ill.  
 Plunkett, A. N., flour, Conyers, Ga.  
 Plunkett, Chas., sink brushes & corn brooms, 205 Duane, New York.  
 Plunkett Chemical Co., disinfectants, 2540 Cottage Grove av, Chicago, Ill.  
 Plunkett, W. C., & Sons, warps, textile machy., Adams, Mass.  
 Plymouth Canning Co., Plymouth, Wis.  
 Plymouth Cordage Co., North Plymouth, Mass.  
 Plymouth Foundry Co., Plymouth, Mass.  
 Plymouth Fdry. & Machine Co., Plymouth, Wis.  
 Plymouth Gypsum Co., plaster, Ft. Dodge, Ia.  
 Plymouth Lumber Co., Plymouth, N. C.  
 Plymouth Mfg. Co., wire bound boxes, Plymouth, Ind.  
 Plymouth Milling Co., Le Mars, Ia.  
 Plymouth Mills, bolt, nut & rivet mfrs., Plymouth, Mass.  
 Plymouth Mills, fibre matt'g, 1115 B'way, New York.  
 Plymouth Rubber Co., cloths, heels, sheets, springs, etc., Canton, Mass.  
 Plymouth Seam Face Granite Co., 6 Beacon, Boston, Mass.  
 P. & M. Co., clamps, frogs, plates, etc., 80 E. Jackson Blvd, Chicago, Ill.  
 Pneumatic Conduit Threader Co., Richmond, Va.  
 Pneumatic Conveyor Co., 37 W. Van Buren, Chicago, Ill.  
 Pneumatic Cushion Co., auto springs, 179 Grove, San Francisco, Cal.  
 Pneumatic Cushion Rubber Heel Co., 19 Lincoln, Boston, Mass.  
 Pneumatic Gate Co., 1921 S. Fairfield av, Chicago, Ill.  
 Pneumatic Mfg. Co., buckets, life preservers, boat fenders, etc., 290 Prospect pk, W., Brooklyn, N. Y.  
 Pneumatic Scale Corp., automatic weighting, sealing & packing machine mfrs., Norfolk Downs, Mass.  
 Pneumatic Transit Co., pneumatic tubes, 926 Columbia, Philadelphia, Pa.  
 Pneumatic Machine Co., coal mining machinery, etc., Syracuse, N. Y.  
 Pneumercator Co., water level gauges, 118 Liberty, New York.  
 Pneuvac Co., hand vacuum cleaners, 59 Temple pl, Boston, Mass.  
 Poage, R. C., Milling Co., flour, Ashland, Ky.  
 Pocahontas Coke Co., Bluefield, W. Va.  
 Pocahontas Consolidated Collieries Co., coke, Bramwell, W. Va.  
 Pocahontas Guano Co., fertilizer mfrs., Lynchburg, Va.  
 Pocahontas Lbr. Co., Brookville, Pa., & Corinth, Miss.  
 Pocasset Mfg. Co., cotton sheetings, Fall River, Mass.  
 Pochoer, B. H., & Co., contractors, 880 Main, Cambridge, Mass.  
 Pockels Drug, Glass & Paint Co., Jefferson & Gravois, St. Louis, Mo.  
 Pocock, W. H., contractor, Hammond Bldg., Detroit, Mich.  
 Pocomoke Foundry & Machine Wks., Pocomoke City, Md.  
 Pocomoko Guano Co., fertilizer mfrs., Norfolk, Va.  
 Podmore, Thos., architect, Bennett Bldg., Wilkes-Barre, Pa.  
 Poe, E. A., Brick Co., Fayetteville, N. C.  
 Poe, F. W., Mfg. Co., cotton sheetings, Greenville, S. C.  
 Poe Hardware & Supply Co., Greenville, S. C.  
 Poeter, E., & Co., metal nov. & spec., 251 N. J. R. R. av, Newark, N. J.  
 Poetz, J. C., architect, 109 Ermina av, Spokane, Wash.  
 Poggi, C. Godfrey, architect, 2 Julian pl, Elizabeth, N. J.  
 Pogue, H. E., distillers, Maysville, Ky.  
 Pogue Lumber Co., masons' & bldrs.' matls., Hinckley, & Waterman, Ill.  
 Pohl, Geo. D., Mfg. Co., machsts. & fndrs., Vernon, N. Y.  
 Pohl, Jno. E., cornices, Lancaster, Pa.  
 Pohle, Geo. H., architect, 122 E. 25th, New York.  
 Pohlkamp, H., contractor, Covington, Ky.  
 Pohlmann, John W., Fndry. Co., 205 Baitz av, Buffalo, N. Y.  
 Poindexter, C. K., lumber, Marcellus, Ky.  
 Point Lobos Canning Co., Monterey, Cal.  
 Point Marion Glass Novelty Co., Point Marion, Pa.  
 Point Marion Window Glass Co., Point Marion, Pa.  
 Point Milling & Mfg. Co., barytes, Mineral Point, Mo.  
 Point Pleasant Machine Wks., machsts. & fndrs., Point Pleasant, W. Va.  
 Pointe Coupee Stave & Lumber Co., New Orleans, La.  
 Poitevent & Favre Lbr. Co., L. & L. & G. Bldg., New Orleans, La.  
 Polachek, Chas., & Bro. Co., elec. & gas light fixtures, 217 3d, Milwaukee, Wis.  
 Polachek, John, Bronze & Iron Co., 480 Hancock, Long Island City, N. Y.  
 Polack Co., bristles, horse & goat hair, 249 Pearl, New York.  
 Polack Truck Tyre Corp., rubber tires, Bridgeport, Conn., & New York.



- Polack Tyre & Rubber Co., 1876 B'way, New York.  
 Polan, Katz & Co., umbrella mfrs., 24 Hanover, Balto., Md.  
 Poland Laundry Mach'y Co., 47 Kemble, Boston, Mass.  
 Poland Paper Co., Mechanic Falls, Me.  
 Poland, W. A., architect, 9 S. Stockton, Trenton, N. J.  
 Polar Mfg. Co., stationers' specialties, 101 N. Marshall, Philadelphia, Pa.  
 Polay Fixture Service Co., window display fix., 515 N. Halsted, Chicago, Ill.  
 Pole Stock Lbr. Co., Hattiesburg, Miss.  
 Polenske Bros., Schellak & Co., brick, Hastings, Neb.  
 Poley, J. Vincent, architect, Royersford, Pa.  
 Polhemus & Mackenzie, architects, 15 E. 40th, New York.  
 Polhemus, P. B., architect, Roselle Park, N. J.  
 Polhemus, P. B., contractor, 110 W. 34th, New York.  
 Polish Prod. Co., metal, furniture & shoe polish, Kansas City, Mo.  
 Politano, D., Bros., contractors, 607 Webster av, Pittsburgh, Pa.  
 Politure Chemical Co., soap, St. Louis, Mo.  
 Polk, A. J., & Son, machsts., Millersburg, Pa.  
 Polk, J. T., Co., canned goods, Greenwood, Ind.  
 Polk, W. C., flour mill, Hindsville, Ark.  
 Polk, Willis, & Co., architects, Hobart Bldg., San Fran., Cal.  
 Polkton Brick Co., Polkton, N. C.  
 Poll, H. P., architect, Vermont Bldg., Salt Lake City, Utah.  
 Poll, J. C., contractor, Danville, Ill.  
 Pollack, Henry, Trunk Co., Dallas, Tex.  
 Pollack, Max., & Co., cotton thread, 12 E. 22d, New York.  
 Pollak, Max, archtl. & ornament. iron, 505 E. 76th, New York.  
 Pollak Steel Co., forgings, axles, etc., Carthage, Cincinnati, O.  
 Pollard-Alling Mfg. Co., machsts. & fndrs., 312 E. 23d, New York.  
 Pollard, C. A., Co., lock corner box machy., etc., Newfields, N. H.  
 Pollard, C. W., contractor, Richmond, Va.  
 Pollard & Campbell, contrs., Brandeis Thea. Bldg., Omaha, Neb.  
 Pollard & Co., lumber, 110 Market, San Francisco, Cal.  
 Pollard Engg. Co., machsts., 169 N. Jefferson, Chicago, Ill.  
 Pollard, Geo. Mort., architect, 347 5th av, New York.  
 Pollard, J. G., tool mfrs., 141 Raymond, Brooklyn, N. Y.  
 Pollard, John H., architect, Fort Worth Natl. Bk. Bldg., Fort Worth, Tex.  
 Pollard Lbr. Co., Westport, Cal.  
 Pollard, M. J. C., contractor, Columbus, Ga.  
 Pollitz Le Fort & Keon, carriage robes, 3d & Huntington, Philadelphia, Pa.  
 Pollmar & Ropes, architects, 45 State, Detroit, Mich.  
 Pollock, Alex., Co., mill & facty. supplies, 203 West, New York.  
 Pollock Brush Co., Easton, Pa.  
 Pollock Fertilizer Co., Fidelity Bldg., Baltimore, Md.  
 Pollock, John L. (Est. of), meat packers, Pawtucket, R. I.  
 Pollock, Mayer, machy. & metal dealers, Pottstown, Pa.  
 Pollock, Robt. S., Co., contractors, 118 E. 28th, New York.  
 Pollock, Robt. W., architect, 1802 Chestnut, Phila., Pa.  
 Pollock, S., & Son, masons' & bldrs.' matls., Coldwater, Mich.  
 Pollock, Wm. B., Co., machsts., Youngstown, Ohio.  
 Polo Pneumatic Tire Alarm Mfg. Co., 160 N. 5th av, Chicago, Ill.  
 Polsey, J. N., & Co., packing box mfrs., Pawtucket, R. I.  
 Polson Mfg. Co., automobile wind shields, 1750 Main, Buffalo, N. Y.  
 Polson, Wm., & Co., sash, door & blind mfrs., Saginaw, Mich.  
 Polytechnic College of Engineering, Oakland, Cal.  
 Polytechnic Institute, engng. school & college, 85 Livingston, Brooklyn, N. Y.  
 Polzella, Frank D., contractor, 512 Cortlandt av, New York.  
 Pomaria Oil Mfg. Co., meal, Pomaria, S. C.  
 Pomeroy Constr. Co., 1609 Ranstead, Philadelphia, Pa.  
 Pomeroy, E. A., contractor, Gloucester, Mass.  
 Pomeroy & Fischer, varnish mfrs., wood fillers, etc., 95 Madison av, New York.  
 Pomeroy Ink Mfg. Co., 218 N. J. R. R. av, Newark, N. J.  
 Pomeroy, John S., Co., contractors, Gloucester, Mass.  
 Pomeroy Machine Co., Pomeroy, Ohio.  
 Pomeroy, S. H., Co., fire-proof windows, sash, door & blind mfrs., 282 E. 134th, New York.  
 Pomeroy Salt Assn. Co., Pomeroy, Ohio.  
 Pomeroy & Stellrecht, machsts., 60 Indiana, Buffalo, N. Y.  
 Pomona Mfg. Co., machinists, Pomona, Cal.  
 Pomona Terra Cotta Co., Pomona, N. C.  
 Pomona Valley Canning Co., Pomona, Cal.  
 Pompeian Mfg. Co., water automatic heaters, E. 4th & Prospect, Cleveland, Ohio.  
 Ponca City Milling Co., flour, Ponca City, Okla.  
 Ponca Refining Co., petroleum, Ponca City, Okla.  
 Pond, E. K., Packing Co., 517 W. 24th pl, Chicago, Ill.  
 Pond, J. E., & Son, sash, door & blind mfrs., Crown Point, N. Y.  
 Pond, L. W., Mach. & Fndry. Co., Worcester, Mass.  
 Pond Lumber Co., Conneaut, Ohio.  
 Pond & Pond, architects, 64 E. Van Buren, Chicago, Ill.  
 Pond & Robinson, landscape archts., 101 Tremont, Boston, Mass.  
 Pond, Virgil S., Co., pkg. box mfrs., Foxboro, Mass.  
 Pondelick Bros., engine pistons, 215 S. Leavitt, Chicago, Ill.  
 Pondville Woolen Mills, Auburn, Mass.  
 Pone, Chas. A., parquet floors, 320 E. 95th, New York.  
 Pons & Sunday, contractors, Pensacola, Fla.  
 Ponsford, H. T., contractor, El Paso, Tex.  
 Pontiac Planing Mill Co., sash, door & blind, Pontiac, Mich.  
 Pontoosuc Woolen Mfg. Co., steamer rugs, Pittsfield, Mass.  
 Pontotoc Cotton Oil Co., Pontotoc, Miss.  
 Ponty, D. H., Jr., architect, Port Chester, N. Y.  
 Pontz, A. F., & Co., whol. hdwe., Lancaster, Pa.  
 Pontz, Adam, brick, Lancaster, Pa.  
 Pontz, Jacob, common brick, Lancaster, Pa.  
 Pool, S. P., machsts. & fndrs., Poolville, Va.  
 Poole-Dean Co., steel structural wk., Portland, Ore.  
 Poole, E. H., & Co., machsts. & fndrs., 1513 Orleans, Balto., Md.  
 Poole Engineering & Machine Co., machy. mfrs., Baltimore, Md.  
 Poole, J. Morton Co., brass & grey iron castings, etc., ft. of Thomas, Wilmington, Del.  
 Poole, Jas. W., speaking tubes, 16 Columbia, Boston, Mass.  
 Poole, John W., & Son, flour mills, Petersburg, Va.  
 Poole Mfg. Co., boiler cleaners, 325 Columbus av, Boston, Mass.  
 Poole Piano Co., Cambridge, Mass.  
 Poole, Roy, contractor, Frederick, Md.  
 Poole, T. H., & Co., archts., Colorado Bldg., Washington, D. C.  
 Poole, Thomas H., & Co., decorative archts., 13 W. 30th, N. York.  
 Poole, Wm., contractor, Springfield, Ohio.  
 Pooler, W. J., contractor, Ogdensburg, N. Y.  
 Poor, M. D., lbr., Antrim, N. H.  
 Poorman, H. B., Box Mfg. Co., pkg. box mfrs., 10th & Howard, St. Louis, Mo.  
 Poorman, J. E., tap wrenches, 1825 Bristol, Philadelphia, Pa.  
 Poorman, O. O., Co., machinist, New Bremen, Ohio.  
 Poos, John, cornices & skylights, Dayton, Ky.  
 Pope, B. F., crushed stone, Law Bldg., Baltimore, Md.  
 Pope & Burton, archts., Newhouse Bldg., Salt Lake City, Utah.  
 Pope Cannon Box Co., pkg. box mfrs., Geneva, Ill.  
 Pope, Chas., sugar refineries, McCormick Bldg., Chicago, Ill.  
 Pope, Fred, architect, 622 Tremont Bldg., Boston, Mass.  
 Pope-Gosser China Co., Conshohocken, Pa.  
 Pope, J. T., flour, Dublin, Ga.  
 Pope, Jno. Russell, architect, 527 5th av, New York.  
 Pope, Jos., contractor, Jefferson City, Mo.  
 Pope, L. A., contractor, Rock Hill, S. C.  
 Pope Mfg. Co., fertilizer, Washington, Ga.  
 Pope Mfg. Co., motor cycles & motor fire engines, Hartford, Conn.  
 Pope Metals Co., 90 West, New York.  
 Pope & Pracht, carriages, Brownsville, Tenn.  
 Pope, T. J., butchers' knives, Sauquoit, N. Y.  
 Pope & Talbot, lumber, ft. of 3d, San Francisco, Cal.  
 Pope, Theodate, architect, 15 E. 40th, New York.  
 Pope-Wheelock Mfg. Co., arresters (spark, traction engine, etc.), Watertown, S. D.  
 Pope, Wm. A., heating contrs., 26 N. Jefferson, Chicago, Ill.  
 Popkin, Charles Adrian, architect, Sapulpa, Okla.  
 Poplar Bluffs Handle Wks., Poplar Bluffs, Mo.  
 Popp, Jas., buttons, 401 S. Clinton, Chicago, Ill.  
 Popp, John C., brick, Perryville, Mo.  
 Popp & Wolf, wholesale hardware, Saginaw, Mich.  
 Popper, Leon, & Sons, glass, 143 Franklin, New York.  
 Poppke & Son, archtl. & ornamentl. iron, 805 Lex. av, Brooklyn, N. Y.  
 Popple & Knowles Co., cornices & skylights, Seattle, Wash.  
 Popplein, G. & N., paint & varnish mfrs., 220 North, Balto., Md.  
 Popular Mechanics Magazine, trade publication, 6 N. Michigan av, Chicago, Ill.  
 Porath, Ferd., & Son, contrs., Free Press Bldg., Detroit, Mich.  
 Porbeck Dust Arrester & Blow Pipe Co., 2017 B'way, St. Louis, Mo.  
 Porcelain Enameling Assn. of Amer., Sheboygan, Wis.  
 Porcupine Boiler Co., Bridgeport, Conn.  
 Pork City Lbr. Co., Bridgeport, Conn.  
 Porparato, Jno. A., archt., 619 Wash., San Francisco, Cal.  
 Porritt, Chas. H., contractor, Fargo, N. D.  
 Port Arthur Rice Milling Co., Port Arthur, Tex.  
 Port Blakeley Mill Co., 544 Market, San Francisco, Cal.  
 Port Byron Lime Assn., Port Byron, Ill.  
 Port Byron Material & Fuel Co., Rock Island, Ill.  
 Port Chester Mach. Wks., Port Chester, N. Y.  
 Port Clinton Buggy Co., carriages, Port Clinton, Ohio.  
 Port Costa Brick Works, 618 Mission, San Francisco, Cal.  
 Port Deposit Quarry Co., bldg. granite; grits & meal, Port Deposit, Md.  
 Port Gibson Oil Wks., Port Gibson, Miss.  
 Port Hy. Iron Ore Co., 2 Rector, New York.  
 Port Huron Const. Co., machsts., Port Huron, Mich.  
 Port Huron Engine & Thresher Co., Port Huron, Mich.  
 Port Huron Sulphite & Paper Co., Port Huron, Mich.  
 Port Morris Chem. Wks., 141st & Locust av, New York.  
 Port Republic Fndry., Port Republic, Va.  
 Port Republic Milling Co., flour, Port Republic, Va.  
 Port Townsend Pile Driving Co., Port Townsend, Wash.  
 Portable Const. Co., 50 Church, New York.  
 Portable Elec. Safety Light Co., 10 Johnson, Newark, N. J.  
 Portable Elevator Mfg. Co., portable grain elevator & wagon dumps, Bloomington, Ill.  
 Portable Welder Mfg. Co., Kansas City, Mo.  
 Portage Brick Co., Hollidaysburg, Pa.  
 Portage Entry Redstone Co. (Ltd.), Houghton, Mich.  
 Portage Hosiery Co., lumbermen's socks, Portage, Wis.  
 Portage Lake Foundry & Machine Co., machsts. & fndrs., Hancock, Mich.  
 Portage Lake Hdwe. Co. (Ltd.), cornices & skylights, Houghton, Mich.



- Portage Rubber Co., tires, Akron, Ohio.  
 Portage Silica Co., sand & gravel dls., etc., Youngstown, Ohio.  
 Portageville Bluestone Co., Portageville, N. Y.  
 Porter & Boyd, contractors, Charlotte, N. C.  
 Porter Bros., contractors, Ry. Exch. Bldg., Portland, Ore.  
 Porter Bros. Co., contractors, Spokane, Wash.  
 Porter-Burnham Co., contractors, Portland, Me.  
 Porter, Byron E., architect, 14 Central av, Lynn, Mass.  
 Porter, C. B., Co., tinware mfrs., 128 N. 2d, Philadelphia, Pa.  
 Porter, C. O., Machy. Co., Grand Rapids, Mich.  
 Porter-Cable Machine Co., 501 E. Water, Syracuse, N. Y.  
 Porter, Chas. M., contractor, 111 W. Washington, Chicago, Ill.  
 Porter Co., lamps, fire trumpets, etc., 241 Water, New York.  
 Porter, Cyrus K., & Sons, architects, 73 W. Eagle, Buffalo, N. Y.  
 Porter Fertilizer Co., Atlanta, Ga.  
 Porter, Finley Robertson, Co., automobile bldrs., Port Jefferson Station, Long Island City, N. Y.  
 Porter, Frank, Lumber Co., 11 S. La Salle, Chicago, Ill.  
 Porter, G. W., & Son, mchsts. & fndrs., Punxsutawney, Pa.  
 Porter, H. B., & Son, sash, door & blind, Norwich, Conn.  
 Porter, H. K., bolt & rivet clippers: rod & wire, storage battery & electric wire cutters mfrs., 6 Ashland, Everett, Mass.  
*See adv index at end of book.*  
 Porter, H. K., Co., locomotive mfrs., Union Bank Bldg., Pittsburgh, Pa.  
 Porter, Harry L., architect, Society for Sav. Bldg., Cleveland, O.  
 Porter Iron Roofing & Corrugating Co., 522 Culvert, Cincinnati, Ohio.  
 Porter, J. E., Co., agricultural implements, Ottawa, Ill.  
 Porter, J. N. W., architect, Royster Bldg., Norfolk, Va.  
 Porter, Jas., contractor, Carlisle, Pa.  
 Porter, John S., & Co., contractors, 3711 Coleraine av, Cincinnati, O.  
 Porter, Lew F., architect, Madison, Wis.  
 Porter Lumber Co., Reinbeck, Ia.  
 Porter Machine Works, engine lathes, Hatfield, Mass.  
 Porter Mill & Elevator Co., flour, Porter, Okla.  
 Porter & Moore Co., mill & factory supplies, Norfolk, Va.  
 Porter, S., & Co., wooden shoe lasts, 25 Union, Worcester, Mass.  
 Porter, S. J., architect, Tipton, Ind.  
 Porter Safety Seal Co., 1110 W. Lake, Chicago, Ill.  
 Porter Screen Co., Burlington, Vt.  
 Porter, W. H., freight elevators, 30 Wendell, Boston, Mass.  
 Porter, W. H., Sons, contractors, 505 Forrest, Baltimore, Md.  
 Porter-Wadley, lbr. mfrs., Cotton Valley, La.  
 Porterfield, Ira J., mattresses, 2019 Ridge av, Philadelphia, Pa.  
 Porterville Magnesite Co., San Francisco, Cal.  
 Porteus, Robert, contractor, Hartford, Conn.  
 Portin, M., brooms, Mobile, Ala.  
 Portland Art Glass Wks., Portland, Ore.  
 Portland Basket & Handle Co., Portland, Ore.  
 Portland Body Wks., Portland, Ind.  
 Portland Bridge Co., Yeon Bldg., Portland, Ore.  
 Portland Bridge & Bldg. Co., Portland, Ore.  
 Portland Bridge & Iron Co., Portland, Ore.  
 Portland Cement Co. of Utah, Salt Lake City, Utah.  
 Portland Co., freight elev., mill & fact'y. supplies, ship & marine engine bldrs., etc., 110 Broad, Boston, Mass., & Portland, Me.  
 Portland Contracting Co., Pottsville, Pa.  
 Portland Cordage Co., Portland, Ore.  
 Portland Drain Tile Co., Portland, Ind.  
 Portland Egg Case Co., Portland, Ind.  
 Portland Elevator Co., Portland, Ore.  
 Portland Extension Ladder & Pole Co., 130 Orange, Newark, N. J.  
 Portland Flouring Mills Co., Portland, Ore.  
 Portland Foundry Co., Portland, Mich.  
 Portland Garage Co., auto. turntables, 51 Cross, Portland, Me.  
 Portland Granite Co., Racine & Waterloo, Wis.  
 Portland Iron & Steel Co., South Portland, Me.  
 Portland Iron Wks., 14th & Northrup, Portland, Ore.  
 Portland Linseed Oil Wks., Portland, Ore.  
 Portland Lbr. Co., Portland, Ore., & St. Marys, Pa.  
 Portland Machinery Co., 62 1st, Portland, Ore.  
 Portland Mfg. Co., Veneer Panels, ft. Richmond, Portland, Ore.  
 Portland Mfg. Co., clothes washing machs., Portland, Mich.  
 Portland Milling Co., flour, Portland, Mich., & Tenn.  
 Portland-Monson Slate Co., slate for electrical purposes mfrs., Portland, Me. *See adv index at end of book.*  
 Portland Oil Mill, Portland, Ark.  
 Portland Packing Co., canned goods, Portland, Me.  
 Portland Products Co., canned goods, South Portland, Me.  
 Portland Pulley Co., wood split, Portland, Ore.  
 Portland Rendering Co., fertilizer mfrs., Portland, Me., & Ore.  
 Portland Rice Milling Co., Portland, Ore.  
 Portland Rubber Co., Portland, Me.  
 Portland Seed Co., fertz. mfrs., Portland, Ore.  
 Portland Sewer Pipe & Artificial Stone Co., Portland, Me.  
 Portland Shipbldg. Co., Portland, Me.  
 Portland Silo Co., Portland, Ind.  
 Portland Specialty Mfg. Co., machsts. & fndrs., Portland, Conn.  
 Portland Stone Co., Met. Life Bldg., St. Paul, Minn.  
 Portland Stone Ware Co., 49 Federal, Boston, Mass.  
 Portland Stove Fndry. Co., Portland, Me.  
 Portland Stove Wks., Portland, Ore.  
 Portland Tent & Awning Co., Portland, Ore.  
 Portland Trunk Mfg. Co., 60 3d, Portland, Ore.  
 Portland Wire & Iron Wks., Portland, Ore.  
 Portland Wood Pipe Co., Portland, Ore.  
 Portland Woolen Mills, blankets, Portland, Ore.  
 Portman, Albert F., cornices & skylights, Massillon, O.  
 Portsmouth Chemical Co., Portsmouth, Ohio.  
 Portsmouth Contractors Supply Corp., Portsmouth, Va.  
 Portsmouth Cotton Oil Refining Corp., cotton seed oil refiners, Portsmouth, Va.  
 Portsmouth Engine Co., Portsmouth, Ohio.  
 Portsmouth Fdry. Co., Portsmouth, N. H.  
 Portsmouth Machy. Wks., Portsmouth, Va.  
 Portsmouth Marine Ry., dry docks, etc., Portsmouth, Va.  
 Portsmouth Paving Brick Co., New Straitsville & Portsmouth, O.  
 Portsmouth Refractories Co., brick, cupola lining, etc., Portsmouth, & New Straitsville, Ohio.  
 Portsmouth Steel Co., machsts. & fndrs., Portsmouth, Ohio.  
 Portsmouth Stove & Range Co., Portsmouth, Ohio.  
 Portsmouth Veneer & Panel Co., Portsmouth, Ohio.  
 Portville Basket Co., Brockton, N. Y.  
 Posern, Herman, sweaters, cardigans, etc., 1808 South, Phila., Pa.  
 Posey Mfg. Co., sounding boards, Hoquiam, Wash.  
 Positive Lock Washer Co., Avenue A, Newark, N. J.  
 Positive Supply Co., tank heaters, Davenport, Iowa.  
 Poss, J. A., contractor, Springfield, Ohio.  
 Post, A. A., architect, Brisbane Bldg., Buffalo, N. Y.  
 Post, Amos, lumber mfrs., Catskill, N. Y.  
 Post Art Glass & Dec. Co., 311 Oak, Buffalo, N. Y.  
 Post, C. E., & Co., elec. & gas light fixtures, 2600 Lacy, Los Angeles, Cal.  
 Post, C. M., Co., carriages, 223 Halsey, Newark, N. J.  
 Post, E. L., & Co., babbitt metal, belt fasteners, etc., 50 Cliff, New York.  
 Post, Fred, Co., architects' & engineers' supplies, 3635 Hamlin av, Chicago, Ill.  
 Post, G. A., contractor, Port Jervis, N. Y.  
 Post, Geo. B., & Sons, architects, 101 Park av., New York & Schofield Bldg., Cleveland, Ohio.  
 Post, Geo. M., architect, Salem, Ore.  
 Post, Glover Elec. Co., 319 W. 4th, Cincinnati, Ohio.  
 Post, J. J. Hardware Co., Cheboygan, Mich.  
 Post, Jotham, brick, Glen Head, N. Y.  
 Post & Lester Co., machsts., Hartford, Conn.  
 Post & McCord, contractors, 101 Park av, New York.  
 Post Publishing Co., pads & tablets, Appleton, Wis.  
 Postamper Co., postage stamp machines, 608 S. Dearborn, Chicago, Ill.  
 Poste Bros. Buggy Co., Jefferson & Curtis av, Columbus, Ohio.  
 Postel, Ph. H., Milling Co., flour, Mascoutah, Ill.  
 Postle, D. C., brick, Mount Victory, Ohio.  
 Postle, David E., architect, Elgin, Ill.  
 Postle & Fisher, architects, 140 S. Dearborn, Chicago, Ill.  
 Postle, W. S., brick, Camp Chase, Ohio.  
 Poston, Clarence E., brick, Attica, Ind.  
 Poston Paving Brick Co., Crawfordsville, Ind.  
 Post's, John C., Sons, glass, 52 S. Division, Buffalo, N. Y.  
 Postum Cereal Co. (Ltd.), foods, Battle Creek, Mich.  
 Postville Clay Products Co., brick, Postville, Ia.  
 P. & O. Supply Co., foundry ladles & ladle shanks, Hanover & Florida, Milwaukee, Wis.  
 Posy & Sons, coffins, Juniper, Ga.  
 Potato Implement Co., Traversy City, Mich.  
 Potdevin Machine Co., corrugated paper; envelope & pasting machines, etc., 253 36th, Brooklyn, N. Y.  
 Potlatch Lbr. Co., Potlatch, Idaho.  
 Potomac Fire Brick Co., common, Piedmont, W. Va.  
 Potomac Glass Co., Cumberland, Md.  
 Potomac Lime & Stone Co., Frederick, Md.  
 Potomac Mill & Ice Co., flour, Keyser, W. Va.  
 Potsdam Milling Co., flour, Potsdam, N. Y.  
 Potsdam Red Sandstone Co., Potsdam, N. Y.  
 Potter, A. D., masons' & bldrs.' matls., Orange, Mass.  
 Potter, A. L., & Co., lumber, Norwich, Conn.  
 Potter, Alex., mill engineer, 50 Church, New York.  
 Potter Bros., bobbins, South Scituate, R. I.  
 Potter, C. D., Co., hdwe. mfrs. (piano), Stamford, Conn.  
 Potter, Chas. F., contractor, Wakefield, R. I.  
 Potter, Collamore & Co., machsts., Warren, R. I.  
 Potters Co. Operative Co., East Liverpool, Ohio.  
 Potter, D. M., brick, Fremont, Ohio.  
 Potter, E. B., architect, Glens Falls, N. Y.  
 Potter, F. M., heating contrs., Aberdeen, Wash.  
 Potter, Frank E., masons' & bldrs. matls., River Point, R. I.  
 Potter, Frank F., architect, 86 Weybosset, Providence, R. I.  
 Potter, Fred J., machsts., New Brunswick, N. J.  
 Potter Hardware Co., Alpena, Mich.  
 Potter, Howard N., architect, 35 E. 30th, New York.  
 Potter-Hoy Hardware Co., Bellefonte, Pa.  
 Potter, J. A., & Co., lbr., Crary, Providence, R. I.  
 Potter, J. H., Hdwe. Co., cornices, Santa Rosa, Cal.  
 Potter & Johnston Machine Co., milling machines, etc., Pawtucket, R. I.  
 Potter, Jos. R., & Co., lbr., sash, door, etc., mfrs., 270 W. 126th, New York.  
 Potter, M. H., & Sons, masons' & bldrs. matls., Morrison, Ill.  
 Potter Mfg. Co., hardware specialties, Geneva, Ohio.



- Potter Mfg. Co., junction boxes, 1060 Superior av, N. W., Cleveland, Ohio.
- Potter Mfg. Co., sewer & trench excavating machines, 3505 E. Washington, Indianapolis, Ind.
- Potter-Morgan Mfg. Co., machsts., Fishkill-on-the-Hudson, New York.
- Potter, P. W., & Co., sashes, doors & blinds, Silverton, Ore.
- Potter Printing Press Co., machsts. & fndrs., Plainfield, N. J.
- Potter, Robert, ladders, Orwell, N. Y.
- Potter Separator Co., steam superheaters, 17 Battery pl, New York.
- Potter & Snell, glove buttoners, Deep River, Conn.
- Potter, Teare & Co., sashes, doors & blinds, 1918 Carter rd, Cleveland, Ohio.
- Potter, Thos., Son & Co., linoleum mfrs., 2d & Erie av, Phila., Pa.
- Potter, V. W., mach. & fndr., Oelwein, Ia.
- Potter & Washington, dog biscuits, Board of Trade Bldg., Boston, Mass.
- Potter, Wm., stone producers, Ansonia, Conn.
- Potter, Wilson, architect, 1 Union sq W., New York.
- Potters Mining & Milling Co., East Liverpool, Ohio.
- Potters Supply Co., East Liverpool, Ohio.
- Potterton Bros., contractors, 215 W. 28th, New York.
- Potthoff Construction Co., steel structural wk., Front & Harriet, Cincinnati, Ohio.
- Pottier & Stymus Co., wooden mantels, 375 Lexington av, New York.
- Pottle, Geo. V., architect, David Whitney Bldg., Detroit, Mich.
- Potts Bros., glass bevelers & embossers, 415 B'way, New York.
- Potts Bros. Iron Co., Pottstown, Pa.
- Potts, C. & A. Co., clay machy. mfrs., Indianapolis, Ind.
- Potts, D. H., Co., blowers & forges, Lancaster, Pa.
- Potts, Horace T., & Co., steel impts., 316 W. 3d, Phila., Pa.
- Potts Mfg. Co., machsts. & fndrs., Mechanicsburg, Pa.
- Potts, R. L., & Son, flour mills, White's Station, Ky.
- Potts, W. F., Son & Co., tin plate, etc., 1224 Cherry, Phila., Pa.
- Potts, Wm. A., Co., contractors, Law Bldg., Baltimore, Md.
- Pottstown Mach. Co., Pottstown, Pa.
- Pottsville Bolt Co., R. R. track spikes, Pittsburgh & Pottsville, Pa.
- Pottsville Fndry. & Stove Co., Pottsville, Pa.
- Pottsville Supply Co., plumbers, mill & faty. supplies—jobbers, who. hdwe., Pottsville, Pa.
- Poughkeepsie Chair Co., Poughkeepsie, N. Y.
- Poughkeepsie Fndry. & Mach. Co., Poughkeepsie, N. Y.
- Poulan Cotton Mills, Poulan, Ga.
- Poulin, J., Granite Co., Montpelier, Vt.
- Poultney Consolidated Slate Co., roofing slate, Poultney, Vt.
- Poulton, Edwin, fndrs., 15 S. Scioto, Columbus, Ohio.
- Pounder, Geo. H., agricultural implements, Fort Atkinson, Wis.
- Pouvailsmith Corp., auto accessories, Poughkeepsie, N. Y.
- Povey Bros. Glass Co., Portland, Ore.
- Powder Springs Guano Co., fertilizer mfrs., Powder Springs, Ga.
- Powe, Thos. E., Lumber Co., 3100 Hall, St. Louis, Mo.
- Powell, Benj., ladders, Springfield, Mass.
- Powell Box Co., Ltd., Audubon Bldg., New Orleans, La.
- Powell Brass Mfg. Co., fndrs., Grand Rapids, Mich.
- Powell Bros., contractor, Alameda, Cal., & 11 S. La Salle, Chicago, Ill.
- Powell Bros., turpentine, Herndon, Fla.
- Powell, C. E., flour mills, Parkesville, Ky.
- Powell, C. L., contractor, American Bldg., Los Angeles, Cal.
- Powell, Chas. H., lumber, Tyner, Ind.
- Powell, Clouds & Co., mill & facty. supplies, 602 Arch, Philadelphia, Pa.
- Powell, Francis G., architect, 111 Columbia rd, Dorchester, Boston, Mass.
- Powell Hardware Co., cornices & skylights, St. Cloud, Minn.
- Powell, J. F. (Est. of), masons' & bldrs.' matls., Yazoo City, Miss.
- Powell, John R., architect'l & ornamental iron, 500 Leonard, Brooklyn, N. Y.
- Powell, Jno. R., miners' squibs, Plymouth, Pa.
- Powell & Jones, felts, 3544 Rhodes av, Chicago, Ill.
- Powell Lumber Co., Ltd., Lake Charles, La.
- Powell, M. W., Co., felts, roofing tile, etc., 140 S. Dearborn, Chicago, Ill.
- Powell & Mitchell, dock bldrs., Marquette, Mich.
- Powell Muffler & Timer Co., Utica, N. Y.
- Powell, Percival L., architect, 201 Devonshire, Boston, Mass.
- Powell Sealer & Tape Mfg. Co., Westerville, Ohio.
- Powell, W. Angelo, landscape arch., 615 S. 15th, St. Joseph, Mo.
- Powell, W. C., architect, Candler Bldg., Atlanta, Ga.
- Powell, W. S., architect, Ebensburg, Pa., & Johnstown, Pa.
- Powell, Wm., Co., valve mfrs., 2525 Spring Grove av, Cincinnati, Ohio.
- Powell, Wm. F., mill & facty. supplies, Clearfield, Pa.
- Powell, Wm. R., architect, Hippodrome Bldg., Cleveland, Ohio.
- Powell, Wm. T., contractor, 508 4th av, Pittsburgh, Pa.
- Powell's Fort Stave Co., machsts. & fndrs., Tomsbrook, Va.
- Powell's Steel Kitchen Co., 175 W. Jackson blvd, Chicago, Ill.
- Powellville Canning Co., Powellville, Md.
- Power, trade publication, 10th av & 36th, New York.
- Power Boating Co., trade publications, Cleveland, Ohio.
- Power, Chas. A., plate glass, sash, door & blind mfrs., Springfield, Ill.
- Power, Chas. O., architect, Medford, Ore.
- Power Equipment Co., contractors, Toledo, Ohio.
- Power Equipment Co., machinery, 212 3d av N., Minneapolis, Minn.
- Power & Grant, mill & factory supplies, 235 Charles, Providence, R. I.
- Power, J. H., & Co., stencils, 80 High, Boston, Mass.
- Power, John J., contractor, 1 Granite, Worcester, Mass.
- Power & Kelsay, pearl buttons, 377 B'way, New York.
- Power, L., Co., woodworking machinery, 20 S. 23d, Phila., Pa.
- Power Mfg. Co., oil & distillate engines, Marion, Ohio.
- Power, Nicholas, Co., films, 90 Gold, New York.
- Power Numbering Mach. Co., 209 Marginal, E. B., Boston, Mass.
- Power Plant Spec. Co., purifiers, 53 W. Jackson blvd, Chicago, Ill.
- Power, Richard W., architect, 30 Oakley, Boston, Mass.
- Power, S. A., architect, Wooster, Ohio.
- Power Spec. Co., superheaters & garbage disposal plants, 111 B'way, New York.
- Power, T. F., architect, Higgins Bldg., Los Angeles, Cal.
- Power Turbo Blower Co., 17 Battery pl, New York.
- Powerlight Co., lamps, 543 B'way, New York.
- Powers Account'g Mach. Co., 50 Church, New York.
- Powers & Boyd Cornice & Roofing Co., 3614 Laclede av, St. Louis, Mo.
- Powers Bros. & Co., htg. contrs., 1034 E. 43d, Chicago, Ill.
- Powers Bros. & Maynard, brick, Richmond, Va.
- Powers & Critchett, lumber mfrs., Ferry, Mich.
- Powers, Frank E., Co., masons' & bldrs.' matls., Worcester, Mass.
- Powers, Herbert W., architect, 211 N. 7th, St. Louis, Mo.
- Powers, J. P., Co., architects, 558 blvd, Rockaway Beach, N. Y.
- Powers, Jas. F., Fndry. Co., Elkton, Md.
- Powers, Jno. H., architect, 460 Montgomery, San Francisco, Cal.
- Powers, John J., contractor, 33 Myrtle av, Cambridge, Mass.
- Powers, M. F., contractor, 30 N. La Salle, Chicago, Ill.
- Powers Mfg. Co., collars, pads (horse), Waterloo, Ia.
- Powers, Patrick, contractor, Little Rock, Ark.
- Powers Paper Co., Springfield, Mass.
- Powers Regulator Co., gas pressure, heat & water pressure regulators, 5 S. Wabash av, Chicago, Ill.
- Powers Rubber Horseshoe Co., 224 W. Huron, Chicago, Ill.
- Powers, Thomas F., & Co., contractors, Fargo, N. D.
- Powers & Walker Casket Co., Grand Rapids, Mich.
- Powers-Weightman-Rosengarten Co., chemicals, 916 Parrish, Philadelphia, Pa.
- Powers, Wm., lumber mfrs., Pike, N. Y.
- Powhatan Basket & Veneer Co., basket mfrs., Norfolk, Va.
- Powhatan Clay Mfg. Co., brick, Richmond, Va.
- Powhattan Lime Co., Richmond, Va.
- Powley, Jos. L., Son, dock bldrs., Kingston, N. Y.
- Pownall, F. H., Iron Wks., machsts. & fndrs., Jamesburg, N. J.
- Pownall Hardware Co., wholesale hardware, Coatesville, Pa.
- Poynter, R. P., & Sons, flour mills, Horsecave, Ky.
- Poynton, Arthur M., Co., contractors, 715 14th, N. W., Washington, D. C.
- Poyntz Bros., gin distillers, Maysville, Ky.
- Pozzo Construction Co., 421 Macy, Los Angeles, Cal.
- Prack & Perrine, architects, Keystone Bldg., Pittsburgh, Pa.
- Pracna, A. B., architect, Railway Exch. Bldg., Seattle, Wash.
- Practical Engineer, trade publication, 537 S. Dearborn, Chicago, Ill.
- Prados, Henry J., & Son, masons' & bldrs.' matls., 1326 Hospital, New Orleans, La.
- Praeger Hardware Co. (wholesale), San Antonio, Tex.
- Pragel, Geo., trunk mfrs., 56 E. Hill, Baltimore, Md.
- Prager, Raphael, architect, 149 B'way, New York.
- Prague Mfg. Co., machsts., Cleveland, Ohio.
- Prairie City Canning Co., Prairie du Chien, Wis.
- Prairie du Chien Woolen Mill Co., woolen blankets, Prairie du Chien, Wis.
- Prairie, Frank, cornices, 3424 S. State, Chicago, Ill.
- Prairie Grove Vinegar & Preserving Co., Prairie Grove, Ark.
- Prairie Oil & Gas Co., Independence, Kans.
- Prairie Pebble Phosphate Co., 161 B'way, New York.
- Prairie Queen Mfg. Co., agricultural implements, Newton, Kans.
- Prairie State Canning Co., El Paso, Ill.
- Prairie State Incubator Co., Homer City, Pa.
- Prairie View Canning Co., Randolph, Wis.
- Prairieville Gin & Mill Co., flour, Prairieville, Tex.
- Prange, A. E., contractor, Grand Rapids, Mich.
- Prame, F. J., brick, Shiloh, Ohio.
- Praray, Chas. W., engineers, Times Bldg., New Bedford, Mass.
- Prasse Lumber Co., 1864 Columbus rd, N. W., Cleveland, Ohio.
- Prather, Fred'k V., architect, 20 W. Jackson blvd, Chicago, Ill.
- Prather, J. A., architect, Carthage, Mo.
- Prato, Paul, Jr., packing box mfr., 178 Wooster, New York.
- Pratt, A. J., cornices, Springfield, Mass.
- Pratt Amasa Co., lbr., etc., Howell, Mass.
- Pratt, B. G., Co., spray'g compounds & polish'g oils, 50 Church, New York.
- Pratt, Bickel & Campbell, architects, Bay City, Mich.
- Pratt Bldg. Material Co., brick, Hearst Bldg., San Francisco, Cal.
- Pratt & Cady Co., valve, hydrants, etc., mfrs., Hartford, Conn.
- Pratt-Chuck Co., Frankfort, N. Y.
- Pratt, E. O., mill & factory. supplies, Clinton, Mass.



- Pratt, Edwin, & Sons, machsts., Kankakee, Ill.  
 Pratt Engng. & Mach. Co., Atlanta, Ga.  
 Pratt Fork & Hoe Corp., Frankfort, N. Y.  
 Pratt-Gilbert Co., contractors, Phoenix, Ariz.  
 Pratt Gin & Milling Co., Prattville, Ala.  
 Pratt, Hy., Co., steel struct. wk., 2222 S. Halsted, Chicago, Ill.  
 Pratt, Hy. M., landscape arch., 53 State, Boston, Mass.  
 Pratt & Inman, wholesale hdwe., Worcester, Mass.  
 Pratt Institute of Science & Technology, Engng. School & Coll., 215 Ryerson, Brooklyn, N. Y.  
 Pratt, J. W., architect, Chanute, Kans.  
 Pratt, J. W., canned goods, Farmington, Me.  
 Pratt, J. Winthrop, architect, Quincy, Mass.  
 Pratt & Lambert, varnishes, etc., Buffalo, N. Y.  
 Pratt & Letchworth Co., steel castings, hdwe., Buffalo, N. Y.  
 Pratt Low Preserving Co., canned goods, Santa Clara, Cal.  
 Pratt Mfg. Co., furniture, Coldwater, Mich.  
 Pratt, N. P., Laboratory, chemists, Atlanta, Ga.  
 Pratt, R. W., & Son, mill & facty. supplies, 111 Haverhill, Boston, Mass.  
 Pratt-Read & Co., ivory buttons, Deep River Conn.  
 Pratt, Richard H., architect, Munsey Bldg., Baltimore, Md.  
 Pratt, W. D., hack saw machs., Canton, Ohio.  
 Pratt, W. E., Mfg. Co., agricultural implements, 35 W. Lake, Chicago, Ill.  
 Pratt & Whitney Co., machsts. & fndrs., 111 B'way, New York.  
 Pratt, Wm. E., Mfg. Co., agricl. implements, 35 W. Lake, Chicago, Ill.  
 Pratt, Wm. F., architect, Northampton, Mass.  
 Prauty-Bowler Soap Co., Des Moines, Ia.  
 Pray, Hubbard & White, landscape architects, 101 Tremont, Boston, Mass.  
 Pray, W. H., ice plows, Clove, N. Y.  
 Preacher, G. L., architect, Augusta, Ga.  
 Preble, Edw., iron forgings, 103 Summer, E. B., Boston, Mass.  
 Preble, Walter H., Co., contractors, 11 Pemberton sq, Boston, Mass.  
 Precision Die Casting Co., Fayetteville, N. Y.  
 Precision Instrument Co., gauges, indicators, recorders, etc., Detroit, Mich.  
 Precision Mach. Co., films & mov'g picture mach'y, 317 E. 34th, New York.  
 Precision Metal Workers, 1443 Carroll av, Chicago, Ill.  
 Precision Thermometer & Instrument Co., 1434 Brandywine, Philadelphia, Pa.  
 Precision Tool Co., boring heads, Lansing, Mich.  
 Preferred Accident Ins. Co., 80 Maiden la, New York.  
 Preiskel, Abram, architect, Hobart Trust Bldg., Passaic, N. J.  
 Preisler, Ernst, architect, Title Guaranty Bldg., St. Louis, Mo.  
 Preiss & Co., contractors, Orange, N. J.  
 Premier Aluminum Foundry Co., machsts. & fndrs., Nickel Plate & Ivanhoe rd, Cleveland, Ohio.  
 Premier Auto Nov. Mfg. Co., radiator covers, etc., 375 W. B'way, New York.  
 Premier Bed Co., machsts. & fndrs., Mishawaka, Ind.  
 Premier Cycle Works, 433 W. Washington, Chicago, Ill.  
 Premier Elec. Co., cords, auto. horns, 1123 S. Wabash av, Chicago, Ill.  
 Premier Machy. Co., 1001 22d av, Oakland, Cal.  
 Premier Metal Etch'g Co., name plates & dials, 617 E. 18th, New York.  
 Premier Motor Corp., 20th & Olney, Indianapolis, Ind.  
 Premier Packing Co., canned goods, San Diego, Cal.  
 Prendergast Bros., furnaces, 20 E. 6th, St. Paul, Minn.  
 Prendergast-Clark Constr. Co., chain of rocks, St. Louis, Mo.  
 Prendergast Co., masons' & bldrs.' matls., Marion, Ohio.  
 Prendergast, Geo. G., Constr. Co., 721 Olive, St. Louis, Mo.  
 Prendergast, T. J., contractor, 138 N. Clark, Chicago, Ill.  
 Prentice, F. W., & Co., snow shovels, Adrian, Mich.  
 Prentice, L. H., Co., exhaust heads, heating apparatus, etc., 330 Sherman, Chicago, Ill.  
 Prentice Co., masons' & bldrs.' matls., Englewood, N. J.  
 Prentice, Wm. H., contractor, 360 W. Central av, Toledo, Ohio.  
 Prentiss, Brooks & Co., masons' & bldrs.' matls., Holyoke, Mass.  
 Prentiss, G. W., & Co., wire, Holyoke, Mass.  
 Prentiss, Hy., & Co., mach'y, 149 B'way, New York.  
 Prentiss Tool & Supply Co., mchy. dlsr., Syracuse, N. Y.  
 Prentiss Vise Co., 110 Lafayette, New York.  
 Presbrey, A. A., & Son Co., packing box mfrs., Summer, Providence, R. I.  
 Presbrey-Coykendall Co., granite, Barre, Vt.  
 Presbrey, E. H., Co., auto. wheel pullers, 50 Broad, New York.  
 Presbrey-Field Co., mill & facty. supplies, Taunton, Mass.  
 Presbrey Stove Lining Co., masons' & bldrs.' matls., Taunton, Mass.  
 Prescott Co., machsts. & fndrs., Menominee, Mich.  
 Prescott, F. H., Co., gloves, canvas, Auburn, N. H.  
 Prescott, Frank R., barrows, Meredith, N. H.  
 Prescott, H. S., printing inks, 571 Atlantic av, Boston, Mass.  
 Prescott Iron Works, Prescott, Ariz.  
 Prescott, J. B., & Son, machsts. & fndrs., Webster, Mass.  
 Prescott, J. L., Co., stove & shoe polishes, 92 W. B'way, New York.  
 Prescott, Sam'l J., & Co., contractors, 814 13th, N. W., Washington, D. C.  
 Prescott & Sidebottom, architects, 12 Pearl, Boston, Mass.  
 Preservaline Mfg. Co., boiler compounds, 854 Lorimer, Brooklyn, N. Y.  
 Preservative Products Co., waterproof'g materials, 1133 B'way, New York.  
 Preservo Polish Co., shoe blacking, Kansas City, Mo.  
 Press, Jacob, Sons, auto. wood bodies, 300 N. Halsted, Chicago, Ill.  
 Press, Wells H., Co., machsts., Streator, Ill.  
 Press, Whiting G., Co., lbr. mfrs., Eureka, Cal.  
 Pressed Aluminum Co., metal hot water bottles, 3 Cypress, Worcester, Mass.  
 Pressed Metal Radiator Co., steam heaters, Pittsburgh, Pa.  
 Pressed Prism Plate Glass Co., Morgantown, W. Va.  
 Pressed Steel Car Co., machsts. & fndrs., 307 5th av, Pittsburgh, Pa.  
 Pressed Steel Co., fndry. vibrators, Muskegon, Mich.  
 Pressed Steel Co., metal stamping & dies, Wilkes-Barre, Pa.  
 Pressed Steel Mfg. Co., machsts., Land Title Bldg., Phila., Pa.  
 Pressed Steel Products Co., steel barrels & drums, Sharon, Pa.  
 Pressed Steel Tank Co., car bells, Greenfield av, Milwaukee, Wis.  
 Pressed Steel Truck Co., 844 Penna av, Pittsburgh, Pa.  
 Pressing, W. C., canned goods, Norwalk, Ohio.  
 Pressprich & Son Co., bar & pig tin, 96 Wall, New York.  
 Pressure Proof Piston Ring Co., Boston, Mass.  
 Prest Htg. & Fdry. Co., Kansas City, Mo.  
 Prest Mach. Wks. Co., Okla., Okla.  
 Presteel Co., toy phones, wheelbarrows, etc., Grafton, Ohio.  
 Presto Elec. Co., cooking app., 323 Geary, San Francisco, Cal.  
 Presto Electrical Mfg. Co., 323 Geary, San Francisco, Cal.  
 Presto Inner Rim Co., 320 Newberry, Boston, Mass.  
 Prest-o-Lite Co., Inc., Crawfordsville rd, Indianapolis, Ind.  
 Presto Machine Works, gauges, tools, spec machy., etc., 36-48 Flatbush av ext., Brooklyn, N. Y.  
 Presto-Phone Parts Corp., 36-48 Flatbush av ext., B'klyn, N. Y.  
 Preston, A. B., lbr., Sharon, Vt.  
 Preston Bluestone Co., Rowlesburg, W. Va.  
 Preston Bros., mill & facty. supplies—whol. hdwe., Norwich, Conn.  
 Preston, Brown & Walker, archts., David Whitney Bldg., Detroit, Mich.  
 Preston, Burton, & Co., granite producers, Mansfield, Ohio.  
 Preston Canning Co., Preston, Md.  
 Preston, Harry T., canned goods, Middletown, Del.  
 Preston, J. E., canned goods, Aberdeen, Md.  
 Preston, J. M., Co., silos, Lansing, Mich.  
 Preston Knitting Wks., sweaters, etc., Preston, Idaho.  
 Preston Mill Co., lumber, Preston, & Seattle, Wash.  
 Preston Milling Co., flour, Preston, Idaho.  
 Preston-Shaffer Milling Co., flour, Waitsburg, Wash.  
 Preston-Small Constr. Co., Macon, Ga.  
 Preston, W. A., lumber, Benton Harbor, Mich.  
 Prettyman, G. H., canned goods, Milford, Del.  
 Prettyman, Harry D., masons' & bldrs.' matls.—contr., 2603 S. Broad, Philadelphia, Pa.  
 Prettyman, Jacob H., archt., Cleburne Junct., Ft. Worth, Tex.  
 Pretzinger, Albert, & E. P. Musselman, archts., Reibold Bldg., Dayton, Ohio.  
 Preuss, B. J., Co., wire mattresses, 288 38th, Milwaukee, Wis.  
 Preusser, Jno., cornices & skylights, 302 W. 122d, New York.  
 Preuter, Louis, lumber, Baileys Harbor, Wis.  
 Prew, Jno. J., common brick, Holyoke, Mass.  
 Pribnow Swage & Tool Works, Mellen, Wis.  
 Price, A. D., Co., contractors, Houston, Tex.  
 Price, A. J., & Son, flour, Glen Rose, Tex.  
 Price, Ben., architect, Empire Bldg., Birmingham, Ala.  
 Price-Bond Varnish Wks., Plainfield, N. J.  
 Price-Brooks Mfg. Co., canned goods, Houston Heights, Tex.  
 Price Bros., machsts., Renfrew, Pa.  
 Price-Campbell Cotton Picker Corp., machy., 15 Wall, New York.  
 Price-Carcaran-Pfister Co., machinists, Los Angeles, Cal.  
 Price Concrete Construction Co., 225 St. Paul, Baltimore, Md.  
 Price, D. E., & Son, canned goods, Carlington, Md.  
 Price Elec. Co., pyrometers, 12369 Euclid av, Cleveland, Ohio.  
 Price-Evans Foundry Co., cast iron washers, Chattanooga, Tenn.  
 Price Fire & Water Proofing Co., Poughkeepsie, N. Y.  
 Price, G. W., Pump & Engine Co., 33 Stevenson, San Fran., Cal.  
 Price, H. Brooks, architects, 105 W. 40th, New York.  
 Price Hardware Co., Pulaski, Va.  
 Price, H. M., Hardware Co., Mobile, Ala.  
 Price, Harry M., architect, Mer. Library Bldg., Cincinnati, Ohio.  
 Price & Heald, lumber mfrs., Marriott & Decatur, Balto., Md.  
 Price & Howarth, lbr. mfrs., Scranton, Pa.  
 Price, J. L., Co., masons' & bldrs.' matls., Marion, Ohio.  
 Price, J. McD., lumber mfrs., Knickerbocker Bldg., Balto., Md.  
 Price, James, architect, Holland, Mich.  
 Price, Lewis M., fertilizer mfr., Symrna, Del.  
 Price Lbr. & Mfg. Co., masons' & bldrs.' matls., Fremont, Ohio.  
 Price & McLanahan, architects, 1418 Walnut, Philadelphia, Pa.  
 Price, R. A., contractor, 606 Washington, Reading, Pa.  
 Price & Teeple Piano Co., 218 S. Wabash, Chicago, Ill.  
 Price, Thomas H., contractor, 201 Sansome, San Francisco, Cal.  
 Price, Vernon J., & Co., architects, Palladio Bldg., Duluth, Minn.  
 Price, Walter F., architect, 314 Walnut, Philadelphia, Pa.  
 Price & Welker, heating contrs., 328 Champlain av, Cleveland, O.  
 Prichard Supply Co., oil & gas well, Mannington, W. Va.  
 Prickett, Walter S., lumber mfrs., Sidnaw, Mich.  
 Prichett, Wm. C., architect, 416 Walnut, Philadelphia, Pa.



- Pride Bros. Co., canned goods, Bellingham, Wash.  
 Pride, C. B., paper & pulp mill architect, Realty Bldg., Spokane, Wash.  
 Pride of the Kitchen Co., metal polish, soap & powders, 390 Smith, Brooklyn, N. Y.  
 Pride, Willis A., classic wood carvers, 43 Bristol, Boston, Mass.  
 Pridham, R. W., Co., paper folding cartons, 112 N. Center, Los Angeles, Cal.  
 Pridmore, Hy. E., foundry molding machy., 900 S. Rockwell, Chicago, Ill.  
 Pridmore, John E. O., architect, 38 S. Dearborn, Chicago, Ill.  
 Priebe, Mrs. D., flour mills, Jenifer, Ala.  
 Prier Brass Mfg. Co., machsts. & fndrs., Kansas City, Mo.  
 Priest, A. T., architect, 326 W. 3d, Los Angeles, Cal.  
 Priest, C. A., Lbr. Co., Fitchburg, Mass.  
 Priest, J. W., masons' & bldrs.' matls., Topeka, Ind.  
 Priestley Hardware Co., Princeton, Ill.  
 Priestman, Albert, airlocks, nozzles, pumps, etc., 328 Chestnut, Philadelphia, Pa.  
 Priggen, Geo. H., Co., port. fireproof garages, 318 Dover, Boston, Mass.  
 Prime Steel Co., 670 Kinnickinnis av., Milwaukee, Wis.  
 Prime Western Spelter Co., Gas, Kans.  
 Primos Chemical Co., Primos, Pa.  
 Prince Edward Canning Co., Buchanan, Va.  
 Prince Elev. Co., 231 W. Grand av., Chicago, Ill.  
 Prince, H. G., & Co., canned goods, Oakland, Cal.  
 Prince, J. W., contractor, Parsons, Kans.  
 Prince, Jas. H., Paint Co., paint mfrs., 5 Lancaster, Boston, Mass.  
 Prince, John A., machy., 154 W. 27th, New York.  
 Prince, L. M., Co., architects', engrs.' & surveying instruments, 108 W. 4th, Cincinnati, Ohio.  
 Prince Mfg. Co., roofing paints, 165 B'way, New York.  
 Prince, W. J., & Son, masons' & bldrs.' matls., Hurleyville, N. Y.  
 Prince, W. O., weather strips, 26 Edinboro, Boston, Mass.  
 Prince's Metallic Paint Co., Allentown, Pa.  
 Princess Furnace Co., blast, Glen Wilton, Va.  
 Princess Mfg. Co., clothes washing machs., etc., 433 E. Pearl, Cincinnati, Ohio.  
 Princess Motor Car Co., 348 Clay av., Detroit, Mich.  
 Princeton Brick Co., Brickton, Minn.  
 Princeton Canning Co., Brownsburg, Ind.  
 Princeton Mfg. Co., rope, Athens, Ga.  
 Princeton Milling Co., flour, Princeton, Ind.  
 Princeton Sealing Wax Co., Princeton, Ill.  
 Princeton Sheet Metal Co., road culverts, Princeton, Ind.  
 Princeton Univ., engng. school & coll., Princeton, N. J.  
 Prinderville, Chas. H., architect, 64 E. Van Buren, Chicago, Ill.  
 Prindville, J. J., Co., contractors, South Framingham, Mass.  
 Pringle & Brodie, machsts., 514 S. Canal, Chicago, Ill.  
 Pringle, Dunn & Co., contractors, 338 Pine, San Francisco, Cal.  
 Pringle Electrical Mfg. Co., 1906 N. 6th, Philadelphia, Pa.  
 Pringle, Thomas, architect, 514 Smithfield, Pittsburgh, Pa.  
 Pringle, Thos. G., machsts. & fndrs., Clay, Brooklyn, N. Y.  
 Pringle Turpentine Cup Co., Biloxi, Miss.  
 Printers' Chase & Mach. Wks., 159 N. Jefferson, Chicago, Ill.  
 Print'g. trade publication, 38 Park row, New York.  
 Printz Degreasing Co., 1001 Chestnut, Philadelphia, Pa.  
 Prinz, Geo. B., architect, Omaha Nat. Bk. Bldg., Omaha, Neb.  
 Prinz & Rau Mfg. Co., brewers' machy. & supplies, etc., 659 E. Water, Milwaukee, Wis.  
 Prisk, Wm. M., & Sons Mfg. Co., coffee percolators, britannia ware & casseroles, Yalesville, Conn.  
 Pritchard Bros. Co., htg. contrs., Memphis, Tenn.  
 Pritchard, E., canned goods, Bridgeton, N. J.  
 Pritchard, Edward H., architect, 87 Milk, Boston, Mass.  
 Pritchard Rice Milling Co., Houston, Tex.  
 Pritchard & Son, carriages, Ithaca, N. Y.  
 Pritchard Stamping Co., tinware, etc., 999 Main E., Rochester, N. Y.  
 Pritchard, T. G., Co., starch mfrs., 108 Grant, Baltimore, Md.  
 Pritchard, W. N., & I. W., flour, Chapel Hill, N. C.  
 Pritchett & Henderson, architects, Danville, Va.  
 Pritchett, Milton C., architect, Bedford, Ind.  
 Priteca, B. M., architect, Empire Bldg., Seattle, Wash.  
 Pritz, Miss Bessie, architect, 110 21st av., S., Nashville, Tenn.  
 Pritzlaff, John, Hardware Co., 51 W. Water, Milwaukee, Wis.  
 Pritzlaff, W. G., Co., cornices & skylights, Watertown, Wis.  
 Prizer-Painter Stove Co., stove & range mfrs., Reading, Pa.  
 P. R. Mfg. Co., elec. bells, push buttons, etc., Detroit, Mich.  
 Probeck, P. J., Co., machy., 2339 E. 4th, Cleveland, Ohio.  
 Probst, Edw., architect, Railway Exchange Bldg., Chicago, Ill.  
 Process Engng. Co., Stephen Girard Bldg., Philadelphia, Pa.  
 Prochaska, J., & Co., pearl buttons, 277 Broome, Newark, N. J.  
 Prochazka, Ferdinand, architect, 1 Madison av., New York.  
 Procter & Bowie Co., brick, Waterville, Me.  
 Proctor, Benjamin, Jr., architect, 46 Cornhill, Boston, Mass.  
 Proctor, E. O., Co., mill & facty. supplies, Ayer, Mass.  
 Proctor & Gamble Co., soap, oils, etc., Gwynne Bldg., Cincinnati, Ohio.  
 Proctor, J. C., Lbr. Co., Peoria, Ill.  
 Proctor, John R., & Co., contrs., Old South Bldg., Boston, Mass.  
 Proctor Mfg. Co., lumber mfrs., Ogdensburg, N. Y.  
 Producers Coke Co., Uniontown, Pa.  
 Producers' Cotton Oil Co., Yazoo City, Miss.  
 Producers' Material Co., crushed stone & stone screenings, 29 S. La Salle, Chicago, Ill.  
 Producers Mica Co., 225 E. 22d, Chicago, Ill.  
 Producers Oil Co., 17 Battery pl., New York.  
 Producers & Refiners Oil Co., petroleum & its products, 248 4th av., Pittsburgh, Pa.  
 Producers Refining Co., lubricating oils & greases, 156 N. La Salle, Chicago, Ill.  
 Producers Refining Co., petroleum, Gainesville, Tex.  
 Producers Supply Co., oil well, Franklin, Pa.  
 Producers Supply & Tool Co., Marietta, Ohio.  
 Producers Torpedo Co., Marietta, Ohio.  
 Producers' Turpentine Co., Beaumont, Tex., & Elizabeth, La.  
 Product Sales Co., clays, minerals, etc., Baltimore, Md.  
 Production Engr. Co., fuel oil burners, jib cranes & air regulating valves, 1716 Spring Garden, Philadelphia, Pa.  
 Products Development Co., fire clay, Sharon Bldg., San Francisco, Cal.  
 Proffitt, L. D., architect, Spartanburg, S. C.  
 Profile Oil & Fertilizer Co., Jacksonville, Ala.  
 Progress Blue Print Co., 42 E. 23d, New York.  
 Progress Button Co., 619 Filbert, Philadelphia, Pa.  
 Progress Button Wks., 35 W. 31st, New York.  
 Progress Distilling Co., Louisville, Ky.  
 Progress Furnace Co., Springfield, Ohio.  
 Progress Mach. Wks., 512 N. La Salle av., Chicago, Ill.  
 Progress Mfg. Co., canvas gloves, Racine, Wis.  
 Progress Press Brick & Mach. Co., King's Highway, nr. Arsenal, St. Louis, Mo.  
 §Progressive Building Co., contractors, 738 Grand, Bridgeport, Conn.  
 Progressive Canning Co., Elba, Wis.  
 Progressive Fdry. & Mfg. Co., Racine, Wis.  
 Progressive Incubator Co., Racine, Wis.  
 Progressive Iron Fdry & Machine Co., water filters, pipe & pressure strainers, Haydenville, Mass.  
 Progressive Knitt'g Wks., sweaters, cardigans, etc., 422 S. 5th, Brooklyn, N. Y.  
 Progressive Mfg. Co., bolt, nut & rivet mfrs., Torrington, Conn.  
 Progressive Mercantile & Mfg. Co., machsts. & fndrs., Pana, Ill.  
 Progressive Metal & Refining Co., 432 Barclay, Milwaukee, Wis.  
 Progressive Paper Products Co., 238 4th av., Pittsburgh, Pa.  
 Progressive Realty Co., stone producers, Souderton, Pa.  
 Progressive Shoe Machinery Co., 3132 Snelling av., Minneapolis, Minn.  
 Progressive Structural Steel Co., Builders Exch., Buffalo, N. Y.  
 Progressive Tool Equipment Co. (Inc.), engineers & builders of jigs, fixtures, tools, dies & gauges & automatic machinery, New Haven, Conn.  
 Progressive Wire Goods Co., 13th & Hamilton, Philadelphia, Pa.  
 Prometheus Elec. Co., 511 W. 42d, New York.  
 Propp, M., Co., dec. elec. lighting, 108 Bowery, New York.  
 Propst Lumber Co., Paris, Ill.  
 Proskauer, Adolph, architect, 117 N. Dearborn, Chicago, Ill.  
 Prosnitz, Chas., fringes, 124 W. 24th, New York.  
 Prospect Boiler Co., heaters, New Brunswick, N. J.  
 Prospect Canning Co., Bedford, Va.  
 Prospect Coal & Coke Co., Searights, Pa.  
 Prospect Construction Co., 2561 E. 89th, Cleveland, Ohio.  
 Prospect Mfg. Co., chemical fire engines, Prospect, Ohio.  
 Prospect Planing Mill Co., sashes, doors & blinds, Bayonne, N. J.  
 Prospect Sash Door Co., 137 Palisade av., Jersey City, N. J.  
 Prosper Canning Co., Prosper, Ore.  
 Prosser, Thos. D., Co., forging billets, Wheeling, W. Va.  
 Prosser, Thos., & Son, steel importers, 15 Gold, New York.  
 Prosser, Wm., & Son, lumber mfrs., Fall River, Mass.  
 Prosser, S., & Sons, stone producers, Rome, N. Y.  
 Protected Rail Bond Co., 17th & Cambria, Philadelphia, Pa.  
 Protective Electrical Supply Co., Ft. Wayne, Ind.  
 Protective Ventilator & Screen Corp., 332 E. 23d, New York.  
 Protectus Paint Co., North American Bldg., Philadelphia, Pa.  
 Prothero, Bailey & Goodwin, whol. hdwe., Dubois, Pa.  
 Protlow & Co., fertilizer mfrs., Franklin, Va.  
 Proto Bros., whol. hdwe., Nogales, Ariz.  
 Proudft Loose Leaf Co., loose leaf devices, 12 Prescott, S. W., Grand Rapids, Mich.  
 Proudfoot, Bird & Rawson, architects, Hubbell Bldg., Des Moines, Ia.  
 Proudfoot, Frank G., contractor, 127 N. Dearborn, Chicago, Ill.  
 Prout Bros., granite, S. Quincy, Quincy, Mass.  
 Prouty, C., & Co., hdwe. mfrs., tools, etc., Eldred, Pa.  
 Prouty & Glass Carriage Co., bodies, Wayne, Mich.  
 Proulx, Jos. B., brick, Epping, N. H.  
 Providence Arch'l Metal Wks., 237 Dyer, Providence, R. I.  
 Providence Art Metal Co., 137 Clifford, Providence, R. I.  
 Providence Base Wks. of General Elec. Co., 43 Hospital, Providence, R. I.  
 Providence Box & Lbr. Co., 1102 Cranston, Providence, R. I.  
 Providence Brass & Aluminum Fndry., 460 Eddy, Providence, R. I.  
 Providence Brick Co., Madisonville, Ky.  
 Providence Building Co., Grosvenor Bldg., Providence, R. I.  
 Providence Coppersmithing Co., 58 Point, Providence, R. I.  
 Providence Cornice Co., 311 Canal, Providence, R. I.  
 Providence Dry Dock & Marine Ry. Co., E. Providence, R. I.  
 Providence Drysalters Co., paste, East Greenwich, R. I.  
 Providence Elec. Blue Printing Co., 86 Weybosset, Providence, R. I.



- Providence Elec. Mfg. Co., 23 Broad, Providence, R. I.  
 Providence Electrotyping & Plating Wks., 78 Friendship, Providence, R. I.  
 Providence Enamel Co., 456 Fountain, Providence, R. I.  
 Providence Engng. Corporation, marine engines & equipment, mfrs., 521 S. Main, Providence, R. I.  
 Providence Gas & Elec. Fixture Co., 9 Fenner, Providence, R. I.  
 Providence Granite Co., 125 Harris av, Providence, R. I.  
 Providence Mfg. & Tool Co., 17 Warren, Providence, R. I.  
 Providence Metal Spinning Co., 185 Eddy, Providence, R. I.  
 Providence Mill Supply Co., 68 W. Exchange, Providence, R. I.  
 Providence Oil Co., metal polish, 10 Dorrance Wharf, Providence, R. I.  
 Providence Ornamental Iron ks., 72 Dudley, Providence, R. I.  
 Providence Plumbing Supply Co., 241 W. Exchange, Providence, R. I.  
 Providence Sash & Blind Co., 309 Dean, Providence, R. I.  
 Providence Sizing Co., mill soaps, cotton softeners, paste, etc., Cranston, R. I.  
 Providence Steam Trap Co., 16 Diamond, Providence, R. I.  
 Providence Steel & Iron Co., Kinsley av, Providence, R. I.  
 Providence Trunk Co., 457 Westminster, Providence, R. I.  
 Provident Chemical Works, St. Louis, Mo.  
 Provident Lumber Co., Water & Dickinson, Philadelphia, Pa.  
 Provident Slate Co., roofing slate mfrs., Slatington, Pa.  
 Provincial Lbr. Co., 16 Exchange pl, New York.  
 Provo Meat & Packing Co., Provo, Utah.  
 Provo Pressed Brick Co., Provo, Utah.  
 Provost, C. M., carriages, Bridgeport, Conn.  
 Provost, F. T., & Co., contractors, Manchester, N. H.  
 Provost, George, architect, 104 W. 42d, New York.  
 Provost, Napoleon L., contractor, Hartford, Conn.  
 Provost & Son, granite, West Berlin, Vt.  
 Provost, Wilfred E., architect, Manchester, N. H.  
 Provost, Wm., Jr., contractor, Chester, Pa.  
 Prox & Burget Co., brass castings, steam htg. contrs., Terre Haute, Ind.  
 Prox, Frank, Co., coal mining mach., Terre Haute, Ind.  
 Proximity Mfg. Co., denims, Greensboro, N. C.  
 Prucell & Elmslie, architects, People Gas Bldg., Chicago, Ill.  
 Prudden Wheel Co., Lansing, Mich.  
 Pruden, C. D., Co., portable bldgs., Baltimore, Md.  
 Pruden, W. E., Hardware Co., 864 8th av, New York.  
 Prudential Heating Co., Akron, Ohio.  
 Prudential Nursery & Landscape Co., landscape arch., Dime Bank Bldg., Detroit, Mich.  
 Prudential Oil Corp., 17 Battery pl, New York.  
 Prue, Frank J., knitted gloves & mittens, spindles, Woonsocket, R. I.  
 Pruett, Chas., architect, Hardin, Mont.  
 Pruitt-Barrett Hardware Co., Gainesville, Ga.  
 Pruitt, Edw. E., architect, Hartman Bldg., Columbus, Ohio.  
 Pruitt & Moore, contractors, 7541 N. Ashland av, Chicago, Ill.  
 Prusia Hardware Co., Fort Dodge, Ia.  
 Prutzman, M. G., architect, Mauch Chunk, Pa.  
 Prun, David H., Co., screw presses, 131 Columbus av, Boston, Mass.  
 Prun, Wm. H., Jr., architect, 122 S. Michigan av, Chicago, Ill.  
 Prybil, P., Machine Co., variety molding machines, etc., 520 W. 41st, New York.  
 Pryor, James & Son, sash, door & blind, Houghton, Mich.  
 Pryor, Jas. T., mach. & fndr., Rusk, Tex.  
 Public Service Constr. Co., 30 Broad, New York, and Krug Bldg., Omaha, Neb.  
 Public Service Cup Co., paper cups, 168 39th, Brooklyn, N. Y.  
 Publishers' Guide Co., trade publication, 117 E. 24th, New York.  
 Puck, Anthony, architect, Torrey Bldg., Duluth, Minn.  
 Puck, H. E., architect, Hibbing, Minn.  
 Puckey, Francis W., architect, 6 N. Michigan av, Chicago, Ill.  
 Puddicombe, H., & Co., glass mosaic wks., New Haven, Conn.  
 Puderbaugh, D. Geo., architect, Altoona, Pa.  
 Pudrith, A. F., Co., cornices, 301 Fort, E. Detroit, Mich.  
 Pudrith & Candler, cornices, 76 Bush, Detroit, Mich.  
 Pueblo Brass & Iron Fndry., Pueblo, Colo.  
 Pueblo Bridge Co., Pueblo, Colo.  
 Pueblo Carriage Co., Pueblo, Colo.  
 Pueblo Fndry. & Mach. Co., Pueblo, Colo.  
 Puente Oil Co., petroleum, Chino, Cal.  
 Puente Rancho Packing Co., canned goods, Puente, Cal.  
 Puffer, H. C., Co., masons' & bldrs.' matls., Springfield, Mass.  
 Puffer, Harry, architect, Battle Creek, Mich.  
 Puffer-Hubbard Mfg. Co., barrows, 32d av, S., & 26th, Minneapolis, Minn.  
 Puffer Mfg. Co., soda water fountains, 51 Portland, Boston, Mass.  
 Pugell, John, contractor, 207 Loepere, Buffalo, N. Y.  
 Puget Mill Co., lumber & ties, San Francisco, Cal.  
 Puget Sound Art Glass Co., stainers, Seattle, Wash.  
 Puget Sound Boiler Works, marine, Seattle, Wash.  
 Puget Sound Bridge & Dredging Co., ship bldrs., Seattle, Wash.  
 Puget Sound Flouring Mills Co., Tacoma, Wash.  
 Puget Sound Iron & Steel Wks., tubular boilers, Tacoma, Wash.  
 Puget Sound Lumber Co., Tacoma, Wash.  
 Puget Sound Machinery Depot, 318 1st av, S., Seattle, Wash.  
 Puget Sound Metal Wks., babbitt, Tacoma, Wash.  
 Puget Sound Mills & Timber Co., lumber, Port Angeles, Wash.  
 Puget Sound Sheet Metal Wks., cornices & skylight, Seattle, Wash.  
 Puget Sound Tent & Duck Co., contrs., Seattle, Wash.  
 Puget Stove & Range Co., Seattle, Wash.  
 Pugh, Andrew G., contractor, Commerce Bldg., Columbus, Ohio.  
 Pugh Fndry. Co., 19 W. Levee, Kansas City, Mo.  
 Pugh, Job T., auger bit mfrs., Philadelphia, Pa.  
 Pugh Mfg. Co., agricultural implements, Topeka, Kan.  
 Pugh & Rundlett, contractors, Ashland, Wis.  
 Pulaski Foundry & Machine Co., blast furnaces, Pulaski, Va.  
 Pulaski Iron Co., blast furnaces, Real Estate Trust Bldg., Philadelphia, Pa.  
 Pulaski Lbr. Co., 1833 N. Robey, Chicago, Ill.  
 Pulaski Mach. Co., Pulaski, Tenn.  
 Pulaski Mill, flour, Pulaski, Va.  
 Pulaski Roller Mills, flour, Pulaski, Tenn.  
 Pulaski Stone Co., Little Rock, Ark.  
 Puleston & McDougall, contractors, Fall River, Mass.  
 Pulfer, L. E., cornices & skylights, 2771 S. Vermont, Los Angeles, Cal.  
 Pulfrey, C. E., common brick, St. Johns, Mich.  
 Pulford, Dempsey Constr. Co., Elmira, N. Y.  
 Pullau Steel Spring Co., Mount Clemens, Mich.  
 Pullen, Leon W., Co., batteries, 618 Chestnut, Philadelphia, Pa.  
 Pulley Facing Co., 249 N. 11th, Philadelphia, Pa.  
 Pullman Automatic Ventilator Mfg. Co., York, Pa.  
 Pullman Co., car bldrs., Pullman Bldg., Chicago, Ill.  
 Pullman Mfg. Co., hardware specialties, Rochester, N. Y.  
 Pullman Motor Car Co., York, Pa.  
 Pullman & Stevens, pig iron dtrs., Penna. Bldg., Phila., Pa.  
 Pulp Wood Co., paper & pulp mills, Appleton, Wis.  
 Pulse & Porter, masons' & bldrs.' matls.—contr., Greensburg, Ind.  
 Pulsifer, Kingston Co., linoleum cements, 19 Eliot, Boston, Mass.  
 Pulsometer Steam Pump Co., Irvington, N. J.  
 Pulver, Peter, & Sons, Chemical Co., lubrg. oils & greases, 214 Franklin, New York.  
 Punchard, W. H., landscape arch., 284 Dart, Boston, Mass.  
 Punxsutawney Brick Co., Punxsutawney, Pa.  
 Punxsutawney Drilling & Contracting Co., Punxsutawney, Pa.  
 Punxsutawney Fndry. & Machine Co., Punxsutawney, Pa.  
 Punxsutawney Lumber & Supply Co., Punxsutawney, Pa.  
 Purcell Bros., contractors, 3226 Ogden av, Chicago, Ill.  
 Purcell & Elmslie, architect, Auditorium Bldg., Minneapolis, Minn.  
 Purcell & Gilfeather, contractors, 525 W. 29th, New York.  
 Purcell, Wm. R., architect, Ludlow, Ky.  
 Purchasing Agent Co., trade publications, 317 Main, Springfield, Mass.  
 Purdon, James, architect, 8 Beacon, Boston, Mass.  
 Purdue Univ., engng. schools & coll., Lafayette, Ind.  
 Purdy, Chester, machsts., Ghent, Ohio.  
 Purdy, D. C., & Sons, cornices & skylights, Highland Park, Ill.  
 Purdy, F. A., granite prod., Hardwick, Vt.  
 Purdy, Frank M., masons' & bldrs.' matls., Plattsburg, N. Y.  
 Purdy & Henderson, architect'l & struct'l engng., 45 E. 17th, New York.  
 Purdy, Raymond Jones, architect, 167 76th, Brooklyn, N. Y.  
 Purdy, W. S., architect, 320 5th av, New York.  
 Purdy, W. W., architect, McKnight Bldg., Minneapolis, Minn.  
 Purdy, Wm. Co., bldg. contr., Waltham, Mass.  
 Pure Air Range & Grate Co., Oakland, Cal.  
 Pure Carbon Co., carbon brushes, Wellsville, N. Y.  
 Pure Carbonic Co., 2008 S. Canal, Chicago, Ill.  
 Pure Clay Brick & Tile Co., 103 Main, San Francisco, Cal.  
 Pure Food Canning Co., Erie, Pa.  
 Pure Food Fish Co., canned, Ketchikan, Alaska.  
 Pure Gluten Food Co., 90 W. Broadway, New York.  
 Pure Oil Co., 17 Battery pl, New York; 1st & 13th av, S., Minneapolis, Minn.; Lafayette Bldg., Phila., Pa., & 423 Passaic av, Newark, N. J.  
 Purington, Andrew B., machsts., Bangor, Me.  
 Purington, O. D., & Co., general building contractors, 49 Westminster, Providence, R. I.  
 Purington Paving Brick Co., Galesburg, Ill.  
 Purinton Bros. Co., masons' & bldrs.' matls., Augusta, Me.  
 Purinton, Horace, Co., brick—contr., Waterville, Me.  
 Puritan Art Fixture Co., 151st & Melrose av, New York.  
 Puritan Bed Spring Co., 1002 Kentucky av, Indianapolis, Ind.  
 Puritan Brick Co., Hamden, Ohio.  
 Puritan Cement Stone Co., artificial bldg. stone, 164 Federal, Boston, Mass.  
 Puritan Comb Co., Leominster, Mass.  
 Puritan Cordage Mills, Louisville, Ky.  
 Puritan Counter Co., Brockton, Mass.  
 Puritan Iron Wks., 110 Portland, Boston, Mass.  
 Puritan Knitting Mills, sweaters, cardigans, etc., Juniper & Vine, Phila., Pa., & 34 Orchard, New York.  
 Puritan Machine Co. (Ltd.), machsts., Lafayette & 10th, Detroit, Mich.  
 Puritan Mfg. Co., machsts. & fndrs., 121 Beach, Boston, Mass.  
 Puritan Oil Co., 1244 W. 70th, Cleveland, Ohio.  
 Puritan Soap Co., Rochester, N. Y.  
 Purity Dist. Co., Cambridge, Mass.  
 Purity Fertilizer Co., Greenville, Ala.  
 Purity Milling Co., flour, Manhattan, Kan.  
 Purity Oats Co., Keokuk, Ia.



- Purity Soap Co., 100 Humboldt av N., Minneapolis, Minn.  
Purity Specialties Co., paper cups, Denckla Bldg., Phila., Pa.  
Purnell, A., contractor, 507 Jarvella, Pittsburgh, Pa.  
Purnell Art Co., cornices, 309 N. Charles, Baltimore, Md.  
Puro Sanitary Drinking Fountain Co., faucets & drinking fountains, Haydenville, Mass.  
Purolene Disinfecting Co., 956 S. B'way, Los Angeles, Cal.  
Purple, A. E., cordage & twine mfrs., Moodus, Conn.  
Purrlington, Elwin I., machst. & fndr., Wakefield, Mass.  
Pursel Carriage Co., Denver, Col.  
Pursell, Geo. G., architect, 140 S. Dearborn, Chicago, Ill.  
Puritan Brick & Tile Co., Farewell Bldg., Detroit, Mich.  
Purves, Adam, contractor, Hartford, Conn.  
Purves Machy. & Iron Co., scrap iron, South & Water, Phila., Pa.  
Purvis, Geo. B., architect, Northern Bk. Bldg., Seattle, Wash.  
Purvis & Shelton, steam & hot water htg. contr. & machsts. supplies, 241 Plymouth, Brooklyn, N. Y.  
Pusey, Ernest J., & Sons, canned goods, Venton, Md.  
Pusey, Holland Co., canned goods, Princess Anne, Md.  
Pusey & Jones Co., shipbuilding machinery & supplies, Wilmington, Del.  
Pusher, Jno. C., & Sons, paint brushes, 3 Randolph, Boston, Mass.  
Puster Belting & Pulley Co., 523 W. Van Buren, Chicago, Ill.  
Putteney Lime Co., lime mfrs., Putteney, Ariz.  
Putman & Co., rolling ladders, 32 Howard, New York.  
Putman Mfg. Co., scrapers—floor, Davenport, Ia.  
Putman, W. W., & Co., organs, Staunton, Va.  
Putnam & Chandler, architects., 376 Boylston, Boston, Mass.  
Putnam & Cox, architects, 6 Hancock av, Boston, Mass.  
Putnam Die Co., machsts., 911 N. Market, St. Louis, Mo.  
Putnam, E. M., corn feed, buckwheat flour, Columbus, Pa.  
Putnam, Eliot T., architect, 31 Beacon, Boston, Mass.  
Putnam Fertilizer Works, Eatonton, Ga.  
Putnam Foundry & Machine Co., heating contrs., Putnam, Conn.  
Putnam, H. E., masons' & bldrs.' matls., Hartford, Conn.  
Putnam, John Pickering, architect, 535 Beacon, Boston, Mass.  
Putnam Machine Co., lathes & planing machines, Fitchburg, Mass.  
Putnam Mfg. Co., cotton sheetings, Putnam, Conn.  
Putnam Mills & Power Co., Eatonton, Ga.  
Putnam, Moore & Brown, contractors, New Telegraph Bldg., Detroit, Mich.  
Putnam & Taylor, architects, Northampton, Mass.  
Putnam Veneer & Lumber Co., Roachdale, Ind.  
Putney, F. F., fertilizer mfrs., Putney, Ga.  
Putney, Oliver C., granite producers, Woodstock, Md.  
Puttmann, John J., lbr. mfrs., New Point, Ind.  
Putzel, Jos., architect, 29 W. 34th, New York.  
Puyallup & Sumner Fruit Growers' Assn., canned, Puyallup, Wash.  
Pyle, Fred'k B., architect, Evans Bldg., Washington, D. C.  
Pyle, J. F., & Son, canned goods, San Jose, Cal.  
Pyle-National Elec. Headlight Co., 500 Throop, Chicago, Ill.  
Pyle, Victor R., Co., masons' & bldrs.' matls., Market & D, Wilmington, Del.  
Pyles, Julius E., contractor, 410 Dover, Baltimore, Md.  
Pyles, Thos., stone producer, Cambridge Ohio.  
Pynch, E. A., & Co., machsts., 311 3d av S, Minneapolis, Minn.  
Pyne Co., mill & facty. supplies, 927 Rupp, Louisville, Ky.  
Pyne, Thos., contractor, Yonkers, N. Y.  
Pynetrees Paper Co., 460 Pearl, New York.  
Pynn & Cameron, show cases, Boston, Mass.  
Pyott Foundry Co., pulleys (cast iron), 328 N. Sangamon, Chicago, Ill.  
Pyramid Grate Bar Co., 30 E. 42d, New York.  
Pyramid Paint Co., 133 N. 22d, Phila., Pa.  
Pyre Clay Products Co., Oak Hill, Ohio.  
Pyrene Mfg. Co., fire extinguishers, 52 Vanderbilt av, New York.  
Pyro Chemical Co., 56 Pine, New York.  
Pyroelectric Instrument Co., pyrometers, 148 E. State, Trenton, N. J.  
Pyrolin Products Co., paints, Fort Dodge, Ia.  
Pyrone Process Co., interior finish mfrs., 20 E. Gay, Columbus, Ohio.
- Q. & C. Co., anti-rail creepers, 90 West, New York.  
Qua Jam., packg. box mfrs., 341 W. B'way, New York.  
Quabaug Rubber Co., rubber goods mfrs., N. Brookfield, Mass.  
Quackenboss, Leonard G., architect, 35 N. Dearborn, Chicago, Ill.  
Quackenbush, H. M., air rifles, ammunition, nut picks, etc., Herkimer, N. Y.  
Quackenbush, J. E., contractor, Webster City, Ia.  
Quackenbush & Son, mill & facty. supplies, Paterson, N. J.  
Quad Stove Mfg. Co., Columbus, Ohio.  
Quadriga Mfg. & Specialty Co., screw mfrs. & screw machine products, etc., 213 W. Grand av, Chicago, Ill.  
*See adv index at end of book.*  
Quaile, Wm. B., stained glass substitutes, 405 Lexington av, New York.  
Quaker City Brass Wks., elec. portables, 336 N. 3d, Phila., Pa.  
Quaker City Cut Glass Co., 60th & Baltimore av, Phila., Pa.  
Quaker City Flour Mills Co., 3040 Market, Phila., Pa.  
Quaker City Iron Wks., boilers, reamers, tanks, etc., Tioga & Edgemont, Phila., Pa.  
Quaker City Pneu. Tool Co., Barre, Vt.  
Quaker City Rubber Co., 629 Market, Phila., Pa.  
Quaker City Stained Glass Wks., 222 N. 4th, Phila., Pa.  
Quaker City Stencil & Stamp Wks., 234 Arch, Phila., Pa.  
Quaker City Sweater Mills, Broad & Wallace, Phila., Pa.  
Quaker City Wall Paper Co., E. Thompson & E. Westmoreland, Phila., Pa.  
Quaker Mfg. Co., furnaces, regulators, etc., 180 N. Dearborn, Chicago, Ill.  
Quaker Oats Co., 80 E. Jackson, Chicago, Ill.  
Quaker Soap Co., metal polish, 207 Provost, Jersey City, N. J.  
Qualey, J. R., & Co., Granite, S. Quincy, Quincy, Mass.  
Qualey, J. S., contractor, 25 Pine, New York.  
Quaffe, Ernst E., architect, 64 Harrison av, Jersey City, N. J.  
Quality Saw & Tool Works, Springfield, Mass.  
Quality Stove & Range Co., Belleville, Ill.  
Qualmann, Walter A., contractor, Saginaw, Mich.  
Quam, H. J., htg. contr., 1709 E. Lake, Minneapolis, Minn.  
Quam Pneumatic Cleaner Co., 243 Lake, Milwaukee, Wis.  
Quarles, J. E., Co., sashes, doors & blinds, Ft. Worth, Tex.  
Quaruby & Hilliker, shoe machy., Lynn, Mass.  
Quasuis, Geo., contr., Sheboygan, Wis.  
Quay Engng. Co., htg. contrs., 470 4th av, New York.  
Quayle Bros. & Cressey, architects, 121 B'way, San Diego, Cal.  
Queal, J. H., & Co., lumber mfrs. & masons' & bldrs.' matls., Des Moines & Sioux City, Ia.  
Queen Bee Stone Co., Tulsa, Okla.  
Queen City Box Co., Wade, Flint & McLean, Cincinnati, Ohio.  
Queen City Brass & Iron Works, valves, etc., Spring Grove av, Cincinnati, Ohio.  
Queen City Brass Wks., Denver, Colo.  
Queen City Brick Co., Builders' Exchange, Buffalo, N. Y., & Charlotte, N. C.  
Queen City Brick & Tile Co., Cumberland, Md.  
Queen City Engng. Co., machsts., 49 Illinois, Buffalo, N. Y.  
Queen City Exhaust & Blow Pipe Co., cornices, 423 York, Cincinnati, Ohio.  
Queen City Folding Bed Co., 26 W. 3d, Cincinnati, Ohio.  
Queen City Forging Co., Tennyson & Dumont, Columbia, Cincinnati, Ohio.  
Queen City Fndry. Co., Denver, Colo., & Spring Grove av & Alabama, Cincinnati, Ohio.  
Queen City Glass Wks., 118 W. 2d, Cincinnati, Ohio.  
Queen City Iron & Wire Wks. Co., Denver, Colo.  
Queen City Mach. Tool Co., 1405 Sycamore, Cincinnati, Ohio.  
Queen City Marine Railway Co., Eastern av & Waldon, Cincinnati, Ohio.  
Queen City Mattress Co., 946 Betts, Cincinnati, Ohio.  
Queen City Paper Co., 515 Eggleston av, Cincinnati, Ohio.  
Queen City Printing Ink Co., 1929 South, Cincinnati, Ohio.  
Queen City Quarry Co., stone prod., East St. Louis, Ill.  
Queen City Scale Co., 1628 John, Cincinnati, Ohio.  
Queen City Silver Co., Fillmore & Richmond, Cincinnati, Ohio.  
Queen City Supply Co., mill & facty. supplies, Peal & Elm, Cincinnati, Ohio.  
Queen City Varnish Co., Montgomery rd & Dana av, Cincinnati, Ohio.  
Queen City Watch Case Mfg. Co., Cincinnati, Ohio.  
Queen-Gray Co., architects' & engineers' instrs. & supplies, 618 Chestnut, Phila., Pa.  
Queen Hair Pin Co. (horn), Leominster, Mass.  
Queen Incubator Co., Lincoln, Neb.  
Queen Mfg. Co., bags, ironing boards, etc., 313 S. Clinton, Chicago, Ill.  
Queens Borough Blue Stone Co., Canal pl & 135th, New York.  
Queens Borough Brass & Bronze Fndry., 184 B'way, Long Island City, N. Y.  
Queen's Run Fire Brick Co., Lock Haven, Pa.  
Quellmalz Hy. Lbr. & Mfg. Co., Main, bet. Victor & Barton, St. Louis, Mo.  
Quenelda Graphite Co., Quenelda, Ala.  
Quenponco Packing Co., Newark, Md.  
Quentin, Peter N., machst. & fndr., Fond Du Lac, Wis.  
Quick Action Ignition Co., watch demagnetizers, South Bend, Ind.  
Quick Action Range Co., Marshalltown, Ia.  
Quick, H. Lansing, architect, 18 S. B'way, Yonkers, N. Y.  
Quick, James W., machsts. & fndrs., Shawneetown, Ill.  
Quick-Kleen Soap Co., 191 Sanford, B'klyn, N. Y.  
Quick Meal Stove Co., 2001 S. Kings Highway, St. Louis, Mo.  
Quick, S. F., & Son, contractors, Yonkers, N. Y.  
Quick & Thomas Co., agricultural implements, Auburn, N. Y.  
Quick Unloading Car Chute Co., Birmingham, Ala.  
Quidnick-Windham Mfg. Co., shade cloth mfrs., Willimantic, Conn.  
Quien, Louis, Jr., architect, 329 Broad, Elizabeth, N. J.  
Quier, C. D., Top Co., umbrella mfrs., Kansas City, Mo.  
Quigg Mfg. Co., lumber, Livermore, Ky.  
Quigley & Dorp., machsts., Camden, N. J.  
Quigley Furnace Specialties Co., furnace cement mfrs., 26 Cortlandt, New York.  
Quigley Furniture Co., desk mfrs., Whitesboro, New York.  
Quigley, Jas. J., & Son, steam htg. contrs., 1342 Ridge av, Phila., Pa.  
Quill & Co., Paste, 436 Aberdeen, Chicago, Ill.  
Quill, M. F., contractor, Provident Bk. Bldg., Cincinnati, Ohio.  
Quillman, Benj., Hardware Co., Norristown, Pa.



- Quimby Engng. Co., mercury gauges, indicators, etc., 913 Ridge av, Phila., Pa.
- Quimby, J. L., & Co., oils & greases, 278 Water, New York.
- Quimby Mfg. Co., pumps, 1700 Washington av N., Minneapolis, Minn.
- Quimby, Ralph A., landscape architect, 53 State, Boston, Mass.
- Quimby, Wm. E., machsts. & fndrs., 548 W. 23d, New York.
- Quin, Nicholas, contractor, Madison, Wis.
- Quinby, A. T., & Son, mill & facty. supplies, Laconia, N. H.
- Quinby, Frank H., architect, 99 Nassau, New York.
- Quinby, J. M., & Co., auto. bodies, guards, fenders, etc., 27 Division, Newark, N. J.
- Quincy Av. Granite Co., Quincy, Mass.
- Quincy Casket Co., Quincy, Ill.
- Quincy Casting Co., Quincy, Ill.
- Quincy Column Turning Co., Granite, Quincy, Mass.
- Quincy Egg Carrier Co., Quincy, Ill.
- Quincy Elev. Gate Co., Quincy, Ill.
- Quincy Engine Co., engine manfrs., Chambersburg, Pa.
- Quincy Fndry. & Nov. Co., Quincy, Ill.
- Quincy Lbr. Co., masons' & bldrs.' mtl's., Quincy, Ill.
- Quincy Motor Co., machsts., Quincy, Ill.
- Quincy Pattern Co., Quincy, Ill.
- Quincy Quarries Co., Quincy, Mass.
- Quincy Show Case Wks., Quincy, Ill.
- Quincy Stove Mfg. Co., Quincy, Ill.
- Quincy White Lime & Cement Co., Quincy, Ill.
- Quinebaug Co., cotton sheetings, Danielson, Conn.
- Quinlan, M. W., carriages, Brookline, Mass.
- Quinn Bros., plumbers, mill & facty. supplies—jobbers, Paterson, N. J.
- Quinn & Co., refuse burners, 222 E. 9th, Cincinnati, Ohio.
- Quinn & Fahrenkopi, lbr. mfrs., Gagetown, Mich.
- Quinn, H. A., Lumber Co., Council Bluffs, Ia.
- Quinn, J. E., horse collars, Toledo, Ohio.
- Quinn, Jno. F., Co., glass stainers, 256 W. 81st, New York.
- Quinn Mfg. Co., fire pots, Detroit, Mich.
- Quinn, P. J., cornices & skylights, Madison, Ind.
- Quinn Supply Co., plumbers' supplies—jobbers, 29 S. Western av., Chicago, Ill.
- Quinn, W. H., contractor, Beloit, Wis.
- Quinn, W. H., & Co., contractors, 103 Chambers, New York.
- Quinn Wire & Iron Wks., Boone, Iowa.
- Quinsigamond Pressed Steel Co., sheet metal stamping, Worcester, Mass.
- Quint, A. D., machst., Hartford, Conn.
- Quint, Frank, contr., Danville, Ill.
- Quintard Iron Wks. Co., machsts., fndrs., ship bldrs., etc., 742 E. 12th, New York.
- Quintin, Scott, architect, 2655 N. Griffin av, Los Angeles, Cal.
- Quinton Glass Co., fertilizer mfrs., Quinton, N. J.
- Quirin, John & Bro., machsts. & fndrs., St. Clair, Pa.
- Quirin Leather Press Co., Olean, N. Y.
- Quirk, Jas. A., Trunk Co., 114 S. 4th, St. Louis, Mo.
- Quist, A. W., & Co., contractors, Seattle, Wash.
- Quist, Samuel, contractor, Sycamore, Ill.
- Quitman Cooperage Co., wood tanks, Quitman, Ga.
- Quitman Foundry & Machine Co., Quitman, Ga.
- Quynn, Allen G., & Co., whol. hdwe., Frederick, Md.
- Raab, W. H., & Bro., pads, Johnstown, Pa.
- Raabe, Lawrence, architect, 111 E. 7th, Newport, Ky.
- Raapke, H. A., architect, City Nat'l Bk. Bldg., Omaha, Neb.
- Raasch, G. A., mach. & fndr., Higginsville, Mo.
- Raasch, J. C., brick, Beatrice, Neb.
- Rabbitt, Michael, & Sons Co., contractors, 115 Nasby, Toledo, O.
- Rabe Mfg. Co., sashes, doors, & blinds, New Bremen, Ohio.
- Rabe, Otto, patterns, 158 N. Desplaines, Chicago, Ill.
- Rabehl, G. F., Bldg. Co., 2592 Nicolett av, Minneapolis, Minn.
- Rabenold, C. F., architect, 622 Court, Reading, Pa., & Penn Bldg., Phila., Pa.
- Raber & Lang Mfg. Co., cement mixing machinery, Kendallville, Ind.
- Raber, P. W., ties, poles & posts, 30 N. La Salle, Chicago, Ill.
- Rabich, Herman, contractor, Cape Girardeau, Mo.
- Rabon, J. D., turpentine, Iron City, Ga.
- Rabus & Toeller, machsts. & fndrs., Cedar Rapids, Ia.
- Raby, Hinton & Co., stained glass window mfrs., Mechanicsburg, Pa.
- Racey, Cement L., advtg. novelties, Kansas City, Kans.
- Racich Asbestos Mfg. Co., 609 W. 55th, New York.
- Racine Alumn. & Brass Fdry., Racine, Wis.
- Racine Alumn. Shoe Co., Racine, Wis.
- Racine Auto Tire Co., Racine, Wis.
- Racine Auto Top Co., Racine, Wis.
- Racine Boat Co., Racine, Wis.
- Racine Brass & Iron Co., fndrs., Racine, Wis.
- Racine Canning Co., Racine, Ohio.
- Racine Elec. Co., elec. fans, grinders, etc., 53 W. Jackson blvd, Chicago, Ill.
- Racine Elec. Co., machsts, motors, hand vacuum cleaners, etc., Racine, Wis.
- Racine Engine & Machinery Co., confectioners machy., 1620 Racine, Racine, Wis.
- Racine Exerciser Co., Milwaukee, Wis.
- Racine, F. L., horse collars, Fort Wayne, Ind.
- Racine File Co., Racine, Wis.
- Racine Fdry. Co., ring pistons, 10th & C. M. & St. P. Ry., Racine, Wis.
- Racine General Mfg. Co., saddlery hdwe. mfrs., 1415 Junction av, Racine, Wis.
- Racine Implement Co., fanning mills, end gate seeders, Racine, Wis.
- Racine Iron & Metal Co., scrap iron & steel, Racine, Wis.
- Racine Iron & Wire Wks., door fasteners, wire household utilities, wire hanging baskets, conductor strainers, etc., Racine, Wis.
- Racine, Lewis, Architect, 806 Congress, Oak Park, Ill.
- Racine Malleable & Wrought Iron Co., machsts. & fndrs., Racine, Wis.
- Racine Mfg. Co., auto metal bodies, Racine, Wis.
- Racine Metal Stamping Co., Racine, Wis.
- Racine, Oliver & Co., granite producers, Concord, N. H.
- Racine Puttyless Window Co., Racine, Wis.
- Racine Rubber Co., Racine, Wis.
- Racine-Sattley Co., agric. implement. mfrs., Springfield, Ill.
- Racine Steel Casting Co., Racine, Wis.
- Racine Tank Lug Co., Racine, Wis.
- Racine Tool & Machine Co., metal cutting machines, Racine, Wis. *See adv index at end of book*
- Racine Traveling Bag Co., Racine, Wis.
- Racine Trunk Co., Racine, Wis.
- Racine-Truscott-Shell Lake Boat Co., canoes & marine engines, Muskegon, Mich.
- Rackle, Geo., & Sons Co., stone producers, Cleveland, Ohio.
- Rackliffe Bros., Co., plate glass, New Britain, Conn.
- Racky & Son Iron Works, 718 Wentworth av, Chicago, Ill.
- Racquette River Paper Co., Potsdam, N. Y.
- Radcliffe, C., & Sons Co., metal buttons, 276 N. J. R. R. av, Newark, N. J.
- Radcliffe, E. S., architect, Superior, Wis.
- Radcliffe & Gaskill, architects, Salisbury, Md.
- Radcliffe Mfg. Co., sash, door & blind mfrs., West Allis, Wis.
- Radcliffe & Shaw Co., cordage mfrs., Glen Rock, Pa.
- Radding Co., cornices, Springfield, Mass.
- Radecke, H. F., & Sons, packing box mfrs., Bush & Ridgely, Baltimore, Md.
- Radel Leather Mfg. Co., Hamburg pl, Newark, N. J.
- Rademacher, A. E., machst., Irvington, N. J.
- Rademacher Bros., cornices, 343 Fox, Buffalo, N. Y.
- Rademaker, H., & Sons, base ball mfrs., bats, etc., Grand Rapids, Mich.
- Rader, Edward B., brick, Coplay, Pa.
- Rader, F. B., canned goods, Troutville, Va.
- Rader, Hy., cornices, 27 Thorne, Jersey City, N. J.
- Radford Architectural Co., 1827 Prairie, Chicago, Ill., & 34 5th av, New York.
- Radford Bros., & Co., lbr., Oshkosh, Wis.
- Radford, John, contractor, Newport, R. I.
- Radford Sash & Door Co., 1827 Prairie av, Chicago, Ill.
- Radford & Wright Co., sashes, doors & blinds, Lbr. Ex., Minneapolis, Minn.
- Radical Boring Head Corp., 90 West, New York.
- Radina, L. W., Lbr. Co., Clark & Dalton av, Cincinnati, Ohio.
- Radio Apparatus Co., wireless instruments, Pottstown, Pa.
- Radio Elec. Spec. Co., 12 S. Jefferson, Chicago, Ill.
- Radium Gold Fibre Screen Co., projection screens, 220 W. 42d, New York.
- Radium Light Co., elec. lamp flashlights, Arrott Bldg., Pittsburgh, Pa.
- Radle, F., pianos, 609 W. 36th, New York.
- Radloff, Frank, contractor, Plymouth, Wis.
- Radke Co., masons' & bldrs.' mtl's., Monroe, Mich.
- Rae, G., & Co., glass embossers, 173 Prince, New York.
- Rae, Robt., Jr., architect, Wilmette, Ill.
- Rae, Thos., & Son, contractors, 253 W. 27th, Uew York.
- Raecolith Flooring Co., sanitary, Seattle, Wash.
- Raeder, Henry, architect, 20 W. Jackson blvd, Chicago, Ill.
- Raeford Hardware Co., Raeford, N. C.
- Rauber, W. J., architect, Manitowoc, Wis.
- Raff, A. Raymond, contractor, 1635 Thompson, Phila., Pa.
- Raff, Allan, Ross & Co., masons' & bldrs.' mtl's., Greenwood Bldg., Cincinnati, Ohio.
- Rafferty Contrg. Co., 624 W. 52d, New York.
- Rafferty, Wm. J., & Co., contractors, 33 Champney, S. B., Boston, Mass.
- Rafferty, John T., contractor, 55 Candace, Providence, R. I.
- Ragan-Brown, Lange Co., machsts. & fndrs., Napoleon, Ohio.
- Ragan, G. R., architect, Roanoke, Va.
- Raggie, P., & Co., bags & bagging, 52 Washington, San Francisco, Cal.
- Ragland Brick Co., Macon, Ga.
- Ragland, Edward H., architect, Sunnyside, Wash.
- Ragland, W. L., & Son, contractors, Richmond, Va.
- Ragsdale, W. R., architect, Greenville, Tex.
- Ragsdale, C. E., contractor, Trafalgar, Ind.
- Rahjen's Am. Composition Co., 1 B'way, New York.
- Rahn, August J., architect, 140 Market, Paterson, N. J.
- Rahmann, Geo., & Co., belting mfrs., clutch linings, 31 Spruce, New York.
- Rahn, C. E., architect, 410 Walnut, Phila., Pa.
- Rahn-Larmon Co., machine tools, Spring Grove av, Cincinnati, O.



- Rahtz & Schnitzer, archt. iron, 21 E. 137th, New York.  
 Raider, David, mattresses, 518 E. 20th, New York.  
 Raiguel, W. O., architect, 604 Mission, San Francisco, Cal.  
 Rail Joint Co., iron rolling mills, 61 B'way, New York.  
 Rail Joint Co., Penn Bldg., Phila., Pa.  
 Railroad Equip. Co., ties, poles, etc., 32 Church, New York.  
 Railroad Supply Co., lightning arresters, plates, rail joints, etc., 203 S. Dearborn, Chicago, Ill.  
 Ry. Age Gazette, trade publication, Woolworth Bldg., New York.  
 Ry. Appliance Co., journal boxes, buffers, replacers, etc., 122 S. Michigan av, Chicago, Ill.  
 Ry. Improvement Co., 61 B'way, New York.  
 Ry. & Industrial Engng. Co., arresters & enclosed, Peoples Bank Bldg., Pittsburgh, Pa.  
 Ry. Light Equipment Co., 526 Commercial Trust Bldg., Phila., Pa.  
 Ry. & Marine News, trade publications, Seattle, Wash.  
 Ry. Materials Co., Railway Exchange Bldg., Chicago, Ill.  
 Ry. Review, trade publication, 537 S. Dearborn, Chicago, Ill.  
 Railway Roller Bearing Co., Syracuse, N. Y.  
*See adv index at end of book.*  
 Ry. Specialty Co., Atchison, Kans.  
 Ry. Steel Spring Co., machsts. & fndrs., 30 Church, New York.  
 Ry. Storage Battery Car Co., 50 Broad, New York.  
 Ry. Supply & Curtain Co., car curtains, 618 S. Canal, Chicago, Ill.  
 Ry. Supply & Mfg. Co., second hand, 1242 Harrison av, Cincinnati, Ohio.  
 Ry. Track Work Co., 30th & Walnut, Phila., Pa.  
 Ry. & Traction Supply Co., locomotive sanders, posts, etc., 79 W. Monroe, Chicago, Ill.  
 Ry. Utility Co., controllers, thermostats, ventilators, etc., 721 Fulton, Chicago, Ill.  
 Ry. World, trade publications, 612 Chestnut, Phila., Pa.  
 Raimes & Co., shoe blacking & polishes, 50 Ferry, New York.  
 Rainaud, H. E., Co., leaded glass shades, Meriden, Conn.  
 Rainbow Guano Co., fertilizer mfrs., Montgomery, Ala.  
 Rainbow, John R., architect, 9 E. 40th, New York.  
 Rainbow Paper Mills, Rainbow, Conn.  
 Rainear, C. J., & Co., mill & facty. supplies, 518 Arch, Philadelphia, Pa.  
 Rainey, T. C., & Sons, flour mills, Mercer, Tenn.  
 Rainey, W. A., contractor, 180 Jessie, San Francisco, Cal.  
 Rainey, W. J., coke mfr., 52 Vanderbilt av, New York.  
 Rainsford, W. Kerr, architect, 665 5th av, New York.  
 Rainshine Umbrella Co., 715 Main, Kansas City, Mo.  
 Rainy River Timber Co., Spooner, Minn.  
 Rairight, O. C., architect, Kittaning, Pa.  
 Raister Heating Co., 129 Amsterdam av, New York.  
 Raitt, Chas. A., brick, Eliot, Me.  
 Rajah Auto Supply Co., Bloomfield, N. J.  
 Rajah Mfg. Co., Turkish towels, Jasper & Huntington, Philadelphia, Pa.  
 Rajotte, Albert, brick, Dunellen, N. J.  
 Rakow, Emil C., contrs., Decatur, Ill.  
 Raleigh Coal & Coke Co., Raleigh, W. Va.  
 Raleigh Iron Works Co., Raleigh, N. C.  
 Raley Rubber Co., bulbs, syringes & water bottles, New Haven, Conn.  
 Rall Bros., lumber, Glasgow, Mo.  
 Ralli Bros., bags, hemp, shellac, etc., 11 William, New York.  
 Ralph, C. S., & Bro., canned goods, Vienna, Md.  
 Ralston Iron Works, 20th & Indiana, San Francisco, Cal.  
 Ralston, J. G., architect, Waterloo, Ia.  
 Ralston Steel Car Co., Columbus, Ohio.  
 Ramaley Boat Co., Wayzata, Minn.  
 Ramapo Fdry. & Wheel Works, Ramapo, N. Y.  
 Ramapo Iron Works, machsts. & fndrs., Hillburn, N. Y.  
 Rambo, Theo. G., paint mfrs., 981 N. 2d, Philadelphia, Pa.  
 Rambusch Decorating Co., 2 W. 45th, New York.  
 Ramey Bros., contractos, Law Bldg., Baltimore, Md.  
 Ramey Co., vacuum cleaners, Chillicothe, Ohio.  
 Ramey, G. E., architect, Champaign, Ill.  
 Ramm, Wm. J., contractor, Youngstown, Ohio.  
 Ramming, John, Mach. Co., 300 S. Main, St. Louis, Mo.  
 Ramos Lumber Co. (Ltd.), Ramos, La.  
 Ramsaier, Gustav, Co., machinists, 216 William, New York.  
 Ramsaier, Wm. J., machinists, 15 Vandewater, New York.  
 Ramsay, H. M., architect, 50 Bromfield, Boston, Mass.  
 Ramsay, John E., architect, Salisbury, N. C.  
 Ramsay, John N., masons' & bldrs.' matl., 161 Devonshire, Boston, Mass.  
 Ramsay, R. H., sash, door & blind mfrs., Bellows Falls, Vt.  
 Ramsburg Fertilizer Co., Frederick, Md.  
 Ramsdell, A. T., architect, Dover, N. H.  
 Ramsdell, C. H., landscape architect, N. Y. Life Bldg., Minneapolis, Minn.  
 Ramsdell & Co., lumber manufacturers, Albany, N. Y.  
 Ramsdell, Homer (Est. of), brick, Dutchess Junction, N. Y.  
 Ramsdell, L. B., Co., children's carriages, Gardner, Mass.  
 Ramsdell, R. H., Construction Co., Sterling, Ill.  
 Ramsdell Spec. Co., screw mach. products, Worcester, Mass.  
 Ramseur Broom Wks., Ramseur, N. C.  
 Ramsey Bros., contractors, 5932 Catharine, Philadelphia, Pa.  
 Ramsey, Chas., Co., hdwe. mfrs., Kingston, N. Y.  
 Ramsey, D. G., & Sons, masons' & bldrs.' matls., New Castle, Pa.  
 Ramsey, Gilbert M., architect, 730 Boylston, Boston, Mass.  
 Ramsey, J., & Sons, silk thread, Phillipsburg, N. J.  
 Ramsey Mach. & Elev. Co., 207 N. 12th, St. Louis, Mo.  
 Ramsey, W. S., contractor, Manistique, Mich.  
 Ramsey Wheeler Co., lumber, Bainbridge, Ga.  
 Ramseier, Kline Co., contractors, Spitzer Bldg., Toledo, Ohio.  
 Ramstad, Louis, contractor, Duluth, Minn.  
 Ramus, C. F. W., paint brushes, E. Boston, Mass.  
 Rancocas Mills, cocoa mats & matting, Trenton, N. J.  
 Rand-Avery Supply Co., maps, 117 Franklin, Boston, Mass.  
 Rand, Ball & King Co., mill & facty. supplies, Claremont, N. H.  
 Rand & Byam, soap, Charlestown, Mass.  
 Rand Co., filing cabinets, North Tonawanda, N. Y.  
 Rand, L. L., architect, Rookery Bldg., Spokane, Wash.  
 Rand Lumber Co., Burlington, Ia.  
 Rand, McNally & Co., atlases, 538 S. Clark, Chicago, Ill.  
 Rand, W. Clarence, machst., Lewiston, Me.  
 Rand, W. H., carriages, Amesbury, Mass.  
 Randak, Frank, architect, 3401 W. 26th, Chicago, Ill.  
 Randall, A. H., Mill Co., lumber, Tekonsha, Mich.  
 Randall, Albert L., architect, Amarillo, Tex.  
 Randall & Baker, bldg. contrs., Portland, Ore.  
 Randall, Benj., fertilizer mfrs., Boston, Mass.  
 Randall Bros., masons' & bldrs.' matls., Peters Bldg., Atlanta, Ga.  
 Randall, C. A., architect, Sheridan, Wyo.  
 Randall, Chas. W., architect, 201 Lake, West Hoboken, N. J.  
 Randall, Edwin, contractor, Danville, Ill.  
 Randall-Faichney Co., horns, plugs, pyrometers, syringes, Boston, Mass.  
 Randall Graphite Sheet Lubricator Co., 816 W. Lake, Chicago, Ill.  
 Randall, J. D., Co., machsts., 610 W. Court, Cincinnati, Ohio.  
 Randall, James A., architect, S. A. & K. Bldg., Syracuse, N. Y.  
 Randall Lumber & Coal Co., masons' & bldrs' matls., Flint, Mich.  
 Randall, R. T., & Co., machy. dlsrs., 333 N. 2d, Philadelphia, Pa.  
 Randall & Stickney, gauges, Waltham, Mass.  
 Randall, T. A., & Co., porcelain products, 211 Hudson, Indianapolis, Ind.  
 Randall, W. I., stone producers, Hancock, N. Y.  
 Randall, W. L., masons' & bldrs.' matls., Doylestown, Pa.  
 Randerson, John P., contractor, 33 State, Albany, N. Y.  
 Randle, Geo. M., St. Girard Bldg., Philadelphia, Pa.  
 Randle Machinery Co., 1839 Powers, Cincinnati, Ohio.  
 Randolph Canning Co., Randolph, Wis.  
 Randolph-Clowes Co., plumbers' seamless tubing, Waterbury, Conn.  
 Randolph, H. C., auto truck trailers, Jonesville, Mich.  
 Randolph, J. R., brick, Ruston, La.  
 Randolph Mfg. Co., cotton sheeting, Franklinville, N. C.  
 Randolph, S. M., architect, Parkside Bldg., Oak Park, Ill.  
 Randolph, T. F., Co., engng. & surveying instruments, 238 E. 5th, Cincinnati, Ohio.  
 Randolph, W. L., Inc., rotary engines, 9-15 Clinton, Newark, N. J.  
 Randolph, W. S., architect, 200 W. 99th, New York.  
 Randolph Wagon Works, Randolph, Wis.  
 Randolph, Wm. C., bone handles, 243 Arch, Philadelphia, Pa.  
 Rands Mfg. Co., mountings, auto tops, Detroit, Mich.  
 Raney Bros., brick, Fairfield, Ia.  
 Raney & Dumas, architects, Hudson Press Bldg., Kansas City, Mo.  
 Raney, F. J., machsts., Shell Lake, Wis.  
 Ranger Casper Construction Co., Holyoke, Mass.  
 Ranger Casper Lumber Co., sash, door & blind, masons' & bldrs.' matls., Holyoke, Mass.  
 Rangnow & Hall, trunk mfrs., 67 Laurel, Philadelphia, Pa.  
 Raniville, F., Co., leather belting, belt tools, cements, dressing, etc., mfrs., 241 Pearl, N. W., Grand Rapids, Mich.  
 Rankin, A. J., mill & facty. supplies, Shelby, Mich.  
 Rankin & Arnold, mill & facty. supplies, New Bedford, Mass.  
 Rankin, Chas. F., masons, & bldrs., matls., Schenectady, N. Y.  
 Rankin Coffin & Casket Co., High Point, N. C.  
 Rankin, J. H., stone producers, East Long Meadow, Mass.  
 Rankin, Jos. H., architect, Braddock, Pa.  
 Rankin, Kellogg & Crane, architects, 1012 Walnut, Phila., Pa.  
 Rankin Lumber Co., Henderson, Ky.  
 Rankin & Ross Co., stone producers, wkrs. & dlsrs., 372 Carroll, Brooklyn, N. Y.  
 Rankin, Wm., stone producers, 625 Avery av, Detroit, Mich.  
 Ranney Refrigerator Co., Greenville, Mich.  
 Ranno-Speirs Co., harness, saddles, etc., 39 High, Boston, Mass.  
 Ransbottom Bros. Pottery Co., Roseville, Ohio.  
 Ransom, J. B., & Co., masons' & bldrs.' matls., lumber, Nashville, Tenn.  
 Ransom, L. E., Co., indigo, tumeric, annatto, etc., 279 Pearl, New York.  
 Ransom Mfg. Co., motor driven grinding machines, Oshkosh, Wis.  
 Ransome Concrete Machy. Co., Dunellen, N. J.  
 Ransome-Crummey Co., contractors, Oakland, Cal.  
 Ranson, Coray B., contractor, Dorranceton, Pa.  
 Rantin, Samuel J., architect, 1117 Columbus av, Boston, Mass.  
 Rantoul, W. G., architect, 6 Beacon, Boston, Mass., & 19 Chestnut, Salem, Mass.  
 Ranz Stamping Tool Co., dies, 1509 N. B'way, St. Louis, Mo.  
 Rapelye, Geo., mill & facty. supplies, New Britain, Conn.  
 Rapelye, Harry S., architect, 150 Mansion, Poughkeepsie, N. Y.



- Raphael, H., Co., plate glass, Los Angeles, Cal.  
 Rapid Addressing Mach. Co., 46 W. 23d, New York.  
 Rapid City Lime & Gypsum Co., Rapid City, S. D.  
 Rapid City Packing Co., meat, Rapid City, S. D.  
 Rapid Evaporating Co., pans, Detroit, Mich.  
 Rapid Heater Co., 101-103 Campau av, N. W., Grand Rapids, Mich.  
 Rapid Mixer Co., Grand Rapids, Mich.  
 Rapid Safety Filter Co., 92 Pine, New York.  
 Rapid Safety Fire Exting. Co., 92 Pine, New York.  
 Rapid Tap Plug Co., Grand Rapids, Mich.  
 Rapid Transit Subway Constr. Co., 165 B'way, New York.  
 Rapids Lumber Co., Ltd., Woodworth, La.  
 Rapp, A. C., Co., sand & gravel, Phillipsburg, N. J.  
 Rapp Bros., potteries, Morton, Ill.  
 Rapp, C. W. & G. L., architect, 69 W. Washington, Chicago, Ill.  
 Rapp, F. H., contractor, Rochester, N. Y.  
 Rapp, I. H. & W. M., & Hendrickson, A. C., architects, Trinidad, Colo., & Santa Fe, N. M.  
 Rapp, Jacob, & Co., masons' & bldrs.' matls., 375 S. High, Columbus, Ohio.  
 Rapp & Moller Carriage Co., 2220 Pine, St. Louis, Mo.  
 Rapp, Philip, hdwe. mfrs., Reading, Pa.  
 Rappeport, R. E., traveling bags, 904 S. Leavitt, Chicago, Ill.  
 Rappleyea, Geo. W., architect, Southport, N. C.  
 Raque, Philip E., arch'l engrs., 132 Nassau, New York.  
 Raquet Bros., bags & suit cases, 117 N. J. R. R. av, Newark, N. J.  
 Rare Metal Products Co., sulphuret of antimony, Glen Ridge, N. J.  
 Raritan Chemical Works, 8 W. 40th, New York.  
 Raritan Copper Works, 42 Broadway, New York.  
 Raritan Dry Dock Co., machsts., Perth Amboy, N. J.  
 Raritan Ridge Clay Co., Metuchen, N. J.  
 Rasch, C. F., Sons, cornices & skylights, Covington, Ky.  
 Rasch, T. J., flour mills, St. Florian, Ala.  
 Raschke, O. F., masons' & bldrs.' matls., 3609 S. Winchester av, Chicago, Ill.  
 Rasch's, C. F., Sons, cornices, 1113 Madison av, Cincinnati, Ohio.  
 Raschmire, John J., masons' & bldrs.' matls., Union City, Ind.  
 Raseman, R. E., architect, Penobscot Bldg., Detroit, Mich.  
 Rasin-Monumental Cq., fertilizer mfrs., National Marine Bk. Bldg., Baltimore, Md.  
 Rasmusse, Julius, belting mfr., 111 W. Water, Milwaukee, Wis.  
 Rasmusseen & Wayland, architects, 1133 Broadway, New York.  
 Rasmussen Charcoal & Fuel Co., St. Paul, Minn.  
 Rasmussen & Co., glass, Portland, Ore.  
 Rasmussen, John, & Sons Co., contractors, Oshkosh, Wis.  
 Rasner & Dinger Co., cornices & skylights, 2d av & Ferry, Pittsburgh, Pa.  
 Rasp, R. & W., cornices & skylights, Maysville, Ky.  
 Rassmann, F., Mfg. Co., cattle stanchion pens, Beaver Dam, Wis.  
 Rast, W. B., & Son, lumber, Swansen, S. C.  
 Rastetter, Louis, & Son, wood rims, Ft. Wayne, Ind.  
 Ratcliff Pure Food Products Co., canned goods, Ft. Worth, Tex.  
 Ratcliffe, Chas. A., sash, door & blind, Cheney, Wash.  
 Ratcliffe, Griffith, contractor, Camden, N. J.  
 Ratcliffe, W. H., Jr., architect, 1st Nat. Bk. Bldg., Oakland, Cal.  
 Rate, G. B., & Co., masons' & bldrs.' matls., Dekum Bldg., Portland, Ore.  
 Rateau Battu Smoot Co., 90 West, New York.  
 Rateau Steam Regenerator Co., 90 West, New York.  
 Ratermann Bldg. & Contrg. Co., 1943 St. Louis av, St. Louis, Mo.  
 Rath Aluminum & Brass Co., brass castings, New Philadelphia, Ohio.  
 Rath Alum. & Brass Fndry. Co., castings, New Philadelphia, Pa.  
 Rath, Chas. H., Co., metal polish, Columbia & Hancock, Philadelphia, Pa.  
 Rath, Geo. C., & Sons, meat packers, Dubuque, Ia.  
 Rath Mfg. Co., soap, Hedley, E. of Richmond, Philadelphia, Pa.  
 Rath Packing Co., meat, Waterloo, Ia.  
 Rath, Robert J., contractor, Hoboken, N. J.  
 Rathbone, A. B. & J., pinion wire, Palmer, Mass.  
 Rathbone, John S., architect, Mystic, Conn.  
 Rathbone Mfg. Co., fndrs., Grand Rapids, Mich.  
 Rathbone, Sard & Co., cooking app. & stoves, Albany, N. Y.  
 Rathborne, Hair & Ridgeway Co., beer boxes, etc., 2279 S. Union av, Chicago, Ill.  
 Rathbun & Bird Co., machsts., 8 Dutch, New York.  
 Rathbun & Co., machsts., 8 Dutch, New York.  
 Rathbun-Jones Engineering Co., "Rathbun" gas engines, 841 Spencer, Toledo, Ohio.  
 Rathbun & Kraft Lumber & Coal Co., sash, door & blind mfrs., Battle Creek, Mich.  
 Rathbun, P. T., & Co., carriages, Springfield, Ohio.  
 Rathbun, R. S., contractor, Allentown, Pa.  
 Rathfan Scent & Co., lumber, Barbourville, Ky.  
 Rathjens & Kupfer, meat packers, 1331 Pacific, San Francisco, Cal.  
 Rathsack, Wm., & Sons, cornices, Manitowoc, Wis.  
 Ratliff, D. O., turpentine, Wauchula, Fla.  
 Ratner, M., scrap iron & steel, Fall River, Mass.  
 Rattan & Cane Co., 66 W. Broadway, New York.  
 Rattan Mfg. Co., rattan & reed furniture, New Haven, Conn.  
 Ratzken & Zimble, button mfrs., 43 W. 21st, New York.  
 Rau, Conrad B., stone producers, Rockville, Conn.  
 Rau, Emanuel, paper box machy., 30 Church, New York.  
 Rau Fastener Co., 14 Blount, Providence, R. I.  
 Rau, Hy. M., zinc dust, 130 Pearl, New York.  
 Rau Perfect Flue Stopper Co., Louisville, Ky.  
 Rauch, Hy., & Son, preheaters, Mount Vernon, N. Y.  
 Rauch Mfg. Co., hose couplings, Galena, Kans.  
 Rauchbach-Goldsmith Co., trunk mfrs., 79 St. Francis, Newark, N. J.  
 Raudenbush & Sons Piano Co., St. Paul, Minn.  
 Rauen, Math., Contractor 111 W. Washington, Chicago, Ill.  
 Rauh, A., granite producers, 3601 Blake, Denver, Colo.  
 Rauh, E., & Sons Fertilizer Co., Union Stock Yards, Indianapolis, Ind.  
 Rauh, Robt., brewers & malsters machy. & supp., 310 Elizabeth av, Newark, N. J.  
 Raulf (The) Co., contractors, Patton Bldg., Milwaukee, Wis.  
 Raulf Mfg. Co., motor boat, launch & yacht bldrs., 560 Vedder, Chicago, Ill.  
 Raup's, H. P., Sons, contractors, Shamokin, Pa.  
 Rauschenberger, John Co., cordage & twine mfrs., 87 W. Water, Milwaukee, Wis.  
 Rauscher, E. W., lime, Erin, Tenn.  
 Rauscher, Fred'k, htg. contr., 1918 Rich. Ter., Port Richmond, N. Y.  
 Rauskolb, Fred. W., Co., aluminum, gold, silver leaf, 103 Arch, Boston, Mass.  
 Rautman Plumbing & Heating Co., Seattle, Wash.  
 Raux, E. T., & Sons, sashes, doors & blinds, Plant City, Fla.  
 Raven Mining Co. of Utah, Marquette Bldg., Chicago, Ill.  
 Ravenel, Samuel W., architect, Boonville, Mo.  
 Ravenna Furnace & Htg. Co., fndrs., Ravenna, Ohio.  
 Ravenna Iron Co., machsts. & fndrs., Ravenna, N. Y.  
 Ravenswood Co., marble interior wk., Island City, N. Y.  
 Ravenswood Office Specialties Co., stationers' specialties, 1800 Newport av, Chicago, Ill.  
 Ravenswood Paper Mill Co., Long Island City, N. Y.  
 Ravey, Jos. H., tubular boilers, Oil City, Pa.  
 Ravitch Bros., contractors, N. W. Bk. Bldg., Minneapolis, Minn.  
 Raw Products Co., balata, crude rubber, 80 Wall, New York.  
 Rawle, M., furniture tops, 796 7th av, New York.  
 Rawleigh-Schryer Co., machsts. & fndrs., Freeport, Ill.  
 Rawles, Jas. D., Co., mill & facty. supplies, 74 Pearl, Boston, Mass.  
 Rawlings Implement Co., agricultural, 11 W. Pratt, Balto., Md.  
 Rawlings Mfg. Co., sporting & athletic goods mfrs., 23d & Lucas av, St. Louis, Mo.  
 Rawlins, A. M., masons' & bldrs.' matls., Springfield, Ohio.  
 Rawlins, H. A., architect, 3 E. 3d av, Rome, Ga.  
 Rawson, Charles P., architect, 21 E. Van Buren, Chicago, Ill.  
 Rawson & Evans Co., glass, signs, etc., 710 W. Washington blvd., Chicago, Ill.  
 Rawson & Greene, contractors, 6410 Cottage Grove av, Chicago, Ill.  
 Ray Bros., machsts. & fndrs., Ashland, Mass.  
 Ray, Daisley & Co., metallic window frame & sash, 61 Fulton, Brooklyn, N. Y.  
 Ray, Edgar K., cotton waste, Franklin, Mass.  
 Ray Fabric Mills, horse blankets, Franklin, Mass.  
 Ray, G. G., & Co., cornices & skylights, Charlotte, N. C.  
 Ray, G. W., washing machines, Sterling, Kans.  
 Ray, Geo. A., Mfg. Co., cooking apparatus, water coolers, cuspidors, etc., Buffalo, N. Y.  
 Ray, Geo. N., architect, 1211 Connecticut av, N. W., Washington, D. C.  
 Ray, Jas., cornices, 2d & Indiana, Philadelphia, Pa.  
 Ray, L. S. W., masons' & bldrs.' matls., Blairsville, Pa.  
 Ray, Russel, architect, Santa Barbara, Cal.  
 Ray, S. W., architect, Jacksonville, Tex.  
 Ray Tile Works, brick, Ray, Ill.  
 Ray, W. A., Hardware Co., Pensacola, Fla.  
 Ray, Wm. A., Jr., mach. & fndr., Auburn, Me.  
 Ray, Wm. H., Printing Ink Mfg. Co., 735 E. 9th, New York.  
 Rayborn, J. J., machsts., Concord, Ill.  
 Rayfield, W. A., architect, 105 1st av, S., Birmingham, Ala.  
 Rayford Co., truck units, 2d & Indiana, Philadelphia, Pa.  
 Rayl, T. B., Co., whol. hdwe., 3 Grand River av, Detroit, Mich.  
 Raymer Hardware Co., 58 E. 5th, St. Paul, Minn.  
 Raymond, David, scrap iron, Toledo, Ohio.  
 Raymond, A. E., & Co., machsts. & fndrs., Fort Myers, Fla.  
 Raymond & Alexander Lumber Co., New London, Conn.  
 Raymond, Alfred J., sash, door & blind, Athol, Mass.  
 Raymond Bros. Co., contractors, Duluth, Minn.  
 Raymond Bros. Impact Pulverizer Co., see machsts. & fndrs., 1306 N. Branch, Chicago, Ill.  
 Raymond Co., pianos, 5213 Windsor av, N. E., Cleveland, Ohio.  
 Raymond Concrete Pile Co., 90 West, New York.  
 Raymond, F. B., contractor, Port Jervis, N. Y.  
 Raymond Foundry & Machine Co., Raymond, Wash.  
 Raymond, G. B., & Co., masons' & bldrs.' matls., 293 Borden av, Long Island City, N. Y.  
 Raymond Granite Co., Potrero av & Division, San Francisco, Cal.  
 Raymond, Harold, architect, Interstate Bldg., New Orleans, La.  
 Raymond Heating Co., Springfield, Mo.  
 Raymond Lead Co., 735 S. Washtenaw av, Chicago, Ill.  
 Raymond Lumber Co., Raymond, Wash.



- Raymond Mfg. Co. (Ltd.), carpet beaters, springs, etc., Corry, Pa.
- Raymond Stone Co., Los Angeles, Cal.
- Raymond, W. Oakley, architect, 1133 B'way, New York.
- Rayner, Geo., & Son, archts., 13 Warburton av, Yonkers, N. Y.
- Rayner, J., Co., lbr. mfrs., 142 Goerck, New York.
- Rayner & Parker, lbr. mfrs., Commercial Trust Bldg., Phila., Pa.
- Raynes, W. C., architect, Rumford, Me.
- Raynor, A., masons' & bldrs.' matls., Catskill, N. Y.
- Raynor & Perkins Envelope Co., 220 William, New York.
- Rayo Incubator Co., Omaha, Neb.
- Razall, H. G., Mfg. Co., loose leaf devices, 300 7th av, Milwaukee, Wis.
- Razorine Mfg. Co., 335 B'way, New York.
- R. C. H. Corp, storage battery trucks, 33 Woodbridge E., Detroit, Mich.
- Rea, Alfred W., architect, Black Bldg., Los Angeles, Cal.
- Rea, John J., masons' & bldrs.' matls., Clarington, Ohio.
- Rea & Page Milling Co., flour, Marshall, Mo.
- Rea & Read Mill & Elevator Co., feed, Tulsa, Okla.
- Reaburn, J. H., canned goods, Nace, Va.
- Reach, A. J., Co., sporting goods mfrs., Tulip & Palmer, Philadelphia, Pa.
- Read, A. P., Co., hdwe. mfrs., 427 W. Randolph, Chicago, Ill.
- Read Bros. Co., ship bldrs., Fall River, Mass.
- Read, Chas., sash, door & blind mfr., 406 W. 30th, New York.
- Read, Chas. H., brick, Oakland City, Ind.
- Read-Coddington Engineering Co., Niagara Falls, N. Y.
- Read, Dean D., architect, 274 Park, Hackensack, N. J.
- Read, Edward B., boiler compounds, 212 9th, San Fran., Cal.
- Read, Geo. H., & Son, cornices & skylights, Bloomington, Ill.
- Read, J. G., & Bros. Co., harness, saddles, etc., Ogden, Utah.
- Read Machinery Co., bakers' machy., York, Pa.
- Read, O. B., Mfg. Co., hdwe. mfrs., Troy, N. Y.
- Read Phosphate Co., fertilizer, Nashville, Tenn.
- Read Safety Gate Co., auto. elev. gates, 207 Guilford av, Baltimore, Md.
- Read, Wm., & Sons, duck decoys, 364 Washington, Boston, Mass.
- Reade, Chas. W., button mfr., New Haven, Conn.
- Read Mfg. Co., soldering flax, paste, salt & sticks, Hoboken, N. J.
- Reader Bros. & Hoffman, tubular boilers, Tyrone, Pa.
- Reader, John B., windmills, Delavan, Wis.
- Reading Abattoir Co., meat packers, Reading, Pa.
- Reading Bone Fertilizers Co., Reading, Pa.
- Reading Brass Works, 104 Court St., Reading, Pa.
- Reading Broom Co., Blandon, Pa.
- Reading Car Wheel Co., Buffalo, N. Y.
- Reading Chain Block Co., hoists mfrs., Reading, Pa.
- Reading Chandelier Works, Reading, Pa.
- Reading Chemical Mfg. Co., aniline colors, Reading, Pa.
- Reading Contr. Co., Reading, Pa.
- Reading Crane & Hoist Works, Moss, Reading, Pa.
- Reading Cycle Mfg. Co., Reading, Pa.
- Reading Engineering Wks., machinists' & mfrs.' agents, 116 Washington, Reading, Pa.
- Reading Fire Brick Wks., Reading, Pa.
- Reading Foundry & Supply Co., plumbers' supplies, Reading, Pa.
- Reading Glass Wks., Reading, Pa.
- Reading Hardware Co., hardware mfrs., Reading, Pa.
- Reading Heater & Supply Co., Church & Woodward av, Reading, Pa.
- Reading Iron Co., Baer Bldg., Reading, Pa.
- Reading Lime Co., Reading, Pa.
- Reading Lumber Co., Reading, Pa.
- Reading Mfg. Co., ladders, Akron, Ohio.
- Reading Paper Mills, Reading, Pa.
- Reading Ribbon Badge Co., 11th & Spruce, Reading, Pa.
- Reading Rubber Mfg. Co., Reading, Mass.
- Reading Saddle & Mfg. Co., Reading, Pa.
- Reading Sand Co., Bridgeton, N. J.
- Reading Scale & Machine Co., Reading, Pa.
- Reading Screw Co., Norristown, Pa.
- Reading Shale Brick Co., Reading, Pa.
- Reading Specialties Co., rail benders, clamps, joints, etc., Reading, Pa.
- Reading Standard Co., motor cycles, Reading, Pa.
- Reading Steam Heat & Power Co., Reading, Pa.
- Reading Steel Casting Co., Reading, Pa.
- Reading Stove Works, Reading, Pa.
- Reading Wood Pulley Co., Reading, Pa.
- Readon Bros. & Co., heaters, Lynn, Mass.
- Readrite Meter Wks., ammeters, Bluffton, Ohio.
- Readsboro Chair Co., furniture—schools, church, Readsboro, Vt.
- Ready Mfg. Co., stamping & yarn printing machs., Troy, N. Y.
- Ready Tool Co., lathe tool mfrs., Bridgeport, Conn.
- Reagal & S. F. & N. Tracks, sash, door & blind, mfrs., Spokane, Wash.
- Reagan, Ed., smoking pipes, Syracuse, N. Y.
- Reagan & Imorde Dist. Co., Louisville, Ky.
- Reagan, Lynch & Co., contractors, Uniontown, Pa.
- Realty Construction Co., 1st Nat. Bk. Bldg., Birmingham, Ala.
- Realty Iron Wks. Co., 231 E. 82d, New York.
- Realty Rubber Co., Massillon, Ohio.
- Ream, A. B., brick, River Styx, Ohio.
- Ream Foundry Co., Lebanon, Pa.
- Ream-McBee Co., granite, Barre, Vt.
- Reaney & Eliason, masons' & bldrs.' matls., Columbus Junction, Ia.
- Reardon & Beckwith Merc. Co., cornices & skylights, Midland, Mich.
- Reardon Glue Mfg. Co., vegetable glue, 2d & Clinton, St. Louis, Mo.
- Rearson, J. J., auto. tops, Amesbury, Mass.
- Reardon, John, & Sons Co., oils, soap, sal-soda, etc., Cambridge, Mass.
- Reason, J. D., Co., contractors, Pendleton, Ind.
- Reaugh Constr. Co., 2835 E. 51st, Cleveland, Ohio.
- Reaves, Albert S., Sheet Metal Cornice Co., 719 2d, N. E., Washington, D. C.
- Rebecka & Smith, auto. tops, Cleveland, Ohio.
- Reber, A. C., canned goods, Ridgely, Md.
- Reber, Calvin P., roller bearings, Reading, Pa.
- Reber Preserving Co., Eola, Ill.
- Rebhun Last Co., 1728 Dana av, Cincinnati, Ohio.
- Rebort, A. N., architect, 30 N. Michigan av, Chicago, Ill.
- Rebsamen & Almeroth, machsts., 2324 Elston av, Chicago, Ill.
- Rebuilt Typewriter Co., machsts., 138 S. Wabash av, Chicago, Ill.
- Reburn, J. M., flour mills, Mechem River, Va.
- Recamier Mfg. Co., almond meal, 131 W. 31st, New York.
- Rech-Marbaker Co., carriages, 8th & Girard av, Phila., Pa.
- Rechtin, Louis E., & Bro., machsts., 215 Butler, Cincinnati, O.
- Rechtin, Theo. E., masons' & bldrs.' matls., Evansville, Ind.
- Reckmeyer, W. R., sashes, doors & blinds, Fremont, Neb.
- Reckord Bros., canned goods, Bel Air, Md.
- Record Fdry. & Mach. Co., Livermore Falls, Me.
- Recording & Computing Machine Co., Essex av, Dayton, Ohio.
- Recording Register & Far Box Co., New Haven, Conn.
- Records, Francis B., Jr., archt., 220 Devonshire, Boston, Mass.
- Records, M., Sons Co., canned goods, Forest, Del.
- Records, W. T., & Son, flour mills, Laurel, Del.
- Rectigraph Co., photo. copying machs., Rochester, N. Y.
- Rector Brick Co., Rector, Ark.
- Rector Gas Lamp Co., 1777 B'way, New York.
- Rector & Hdwe. Spec. Mfg. Co., show case corner braces, 22d & Western av, Chicago, Ill.
- Rector Milling Co., flour, Rector, Ark.
- Red Apple Orchard Corp., canned, Shipman, Va.
- Red Bank Mills, flour, New Bethlehem, Pa.
- Red "C" Oil Mfg. Co., lubrg., Keyser Bldg., Baltimore, Md.
- Red Chief Mfg. Co., feed mills, corn shellers, Louisville, Ky.
- Red Cliff Lbr. Co., Duluth, Minn.
- Red Creek Canning Co., Red Creek, N. Y.
- Red Cross Hygienic Co., disinfectants, 1378 W. Lake, Chicago, Ill.
- Red Cross Mfg. Co., machinists & founders, Bluffton, Ind.
- Red Diamond Lumber Co., 1134 Central av, Minneapolis, Minn.
- Red Jacket Mfg. Co., machinists & founders, Davenport, Ia.
- Red Key Tile Brick & Bldg. Block Co., Red Key, Ind.
- Red King Co., machinists & founders, Wauseon, Ohio.
- Red Oak Bridge & Iron Works, Red Oak, Ia.
- Red Oak Canning Co., Red Oak, Ia.
- Red River Iron Wks., blast furnaces, Clarksville, Tenn.
- Red River Lumber Co., 807 Hennepin av, Minneapolis, Minn.
- Red River Oil Co., Alexandria, La.
- Red River Valley Brick Corp., Grand Forks, N. D.
- Red Star Lumber Co., Ltd., Mayna, La.
- Red Star Spoke Co., Fayetteville, Ark.
- Red Wing Filter Sand Co., Red Wing, Minn.
- Red Wing Linseed Co., Red Wing, Minn.
- Red Wing Mfg. Co., bedsteads, Red Wing, Minn.
- Red Wing Milling Co., flour, feed, Red Wing, Minn.
- Red Wing Motor Co., Red Wing, Minn.
- Red Wing Sewer Pipe Co., Red Wing, Minn.
- Redbird, Simon, architect, Genoa, Neb.
- Reddan Spec. Co., elec. cooking app., 25 W. B'way, New York.
- Redden Construction Co., New London, Conn.
- Redden, G. T., & Co., canned goods, Denton, Md.
- Redden Motor Truck Co., 676 Woodward av, Detroit, Mich., & 1442 S. Mich. av, Chicago, Ill.
- Reddick Lamb's Wool Polisher & Prod. Co., Harrison Bldg., Philadelphia, Pa.
- Reddick, T. T., contractor, Fort Smith, Ark.
- Reddick, W. A., potato scoops & ground mole traps, Niles, Mich.
- Reddin Iron Wks., founders, Syracuse, N. Y.
- Redding, Vernon, architect, Mansfield, Ohio.
- Redding, Wm., & Son, architects, Opera Hse. Bldg., Denver, Colo.
- Reddinger, P. H., Mfg. Co., classic wood carvers, Evansville, Ind.
- Reddy's, M., Sons, machinists & founders, Little Falls, N. Y.
- Reder Fdry. Co., 2125 Canalport av, Chicago, Ill.
- Redfield Brick & Tile Wks., Redfield, Ia.
- Redfield Brick Wks., Richmond, Va.
- Redfield & Davis, masons' & bldrs.' matls., Eden, N. Y.
- Redfield, Henry W., architect, Tenafly, N. J.
- Redfield, Robert S., packing house machinery, 327 So. La Salle, Chicago, Ill.
- Redgwick, Wm., contractor, Leavenworth Bldg., Omaha, Neb.
- Redhead, F. A., contractor, Toronto, Ohio.
- Redick, Jos. H., machinist, Spencerville, Ohio.
- Redifor Rod & Reel Co., Warren, Ohio.



- Redin, John E., machinist & founder, Rockford, Ill.  
 Reding & Howard, landscape architects, 11 E. Lexington, Baltimore, Md.  
 Redinger, S. G., & Sons, lumber, Templeton, Pa.  
 Redington, F. B., Co., flue cutters, counting machines, etc., 112 S. Sangamon, Chicago, Ill.  
 Redington Hub Co., Robys Corner, N. H.  
 Redlands Fruit Assn., fertilizer mfrs., Redlands, Cal.  
 Redlich Mfg. Co., cases, faucets, mallets, etc., 637 W. Oak, Chicago, Ill.  
 Redlon, N. E. Co., bldg. contractors, Portland, Me.  
 Redman, C. H., & Co., machinists, 48 Dickerson, Newark, N. J.  
 Redman & Co., brick, Cynthia, Ind.  
 Redman & Maher, architects, Great Bend, Kan.  
 Redman, Wm., lumber, Glasgow, Ky.  
 Redmon & Mattingly, flour mills, Morleyville, Ky.  
 Redmond, A., carriages, Harrisburg, Pa.  
 Redmond, B. V., & Son, cornices, 309 Decatur, New Orleans, La.  
 Redmond Engng. Co., auto. cranks, Drexel Bldg., Phila., Pa.  
 Redstone Co., lbr. mfrs., Pinos Altos, N. M.  
 Redwine Brothers, fertilizer, Fayetteville, Ga.  
 Redwood Mfrs. Co., Hobart Bldg., San Francisco, Cal.  
 Redwood Shingle Assn., Eureka, Cal.  
 Reeb Bros., masons' & bldrs.' matls., Belleville, Ill.  
 Reeb & Dinkins, sash, door & blind mfrs., 18 B'way, New York.  
 Reeb, M. A., masons' & bldrs.' matls., 599 Michigan av, Buffalo, N. Y.  
 Reeber's, Jos., Sons Co., bldg. materials, 2595 3d av, New York.  
 Reece Buttonhole Mach. Co., 502 Harrison av, Boston, Mass.  
 Reece & Crittenden Co., advtg. counsellors, Cleveland, Ohio.  
 Reece, E. G., Canning Co., Waldron, Ind.  
 Reece Folding Mach. Co., 502 Harrison av, Boston, Mass.  
 Reed, A. S., & Bro. Co., contractors, 815 Shipley, Wilmington, Del.  
 Reed, Allen & Reed, stone producers, Albion, N. Y.  
 Reed & Barton Corp., machsts. & fndrs., Taunton, Mass.  
 Reed Bros., stone producers, Birmingham, Ala.  
 Reed, C. D., canned goods, Troutville, Va.  
 Reed, C. R., cornices & skylights, Kent, Ohio.  
 Reed, Chas. M., brick, Pennsylvania, Pa.  
 Reed Coal Co., masons' & bldrs.' matls., Fair Haven, Vt.  
 Reed & Corlett, architects, Oak Bk. of Sav., Oakland, Cal.  
 Reed & Curtis Mach. Screw Co., Worcester, Mass.  
 Reed & Duecker, mill & facty. supplies, Memphis, Tenn.  
 Reed, E. L., architect, 20 Irwin av, Boston, Mass.  
 Reed, E. L., Mfg. Co., Christmas tree holders, Sterling, Ill.  
 Reed, Earl H., Jr., architect, 139 N. Clark, Chicago, Ill.  
 Reed, Edw. E., traveling bags, Somerville, Mass.  
 Reed, Edward H., architect, Amicable Bldg., Waco, Tex.  
 Reed, Evan L., Mfg. Co., racks, Sterling, Ill.  
 Reed, F. E., Glass Co., Rochester, N. Y.  
 Reed Foundry & Machine Co., Kalamazoo, Mich.  
 Reed, Francis, Co., drilling machines, Worcester, Mass.  
 Reed-French Piano Mfg. Co., Portland, Ore.  
 Reed, Geo. A., & Son, machsts. & fndrs., Gloucester, Mass.  
 Reed, Geo. F., architect, Holland Bldg., Springfield, Mo.  
 Reed, Geo. W., & Son, organs, West Boylston, Mass.  
 Reed Hardware & Mfg. Co., Cairo, Ill.  
 Reed-Hill Wm., architect, Dime Bk. Bldg., Detroit, Mich.  
 Reed, L. M., barrel heading machinery, Cleveland, Ohio.  
 Reed Mfg. Co., kitchen enameled ware mfrs., Newark, N. J.  
 Reed Mfg. Co., roller shaping & laundry machy., dies, etc., W. & O., E. & P. tracks, Erie, Pa.  
 Reed Mfg. Co., rug looms, Springfield, Ohio.  
 Reed Motor Supply Co., 78 W. 7th, St. Paul, Minn.  
 Reed Oil Co., lubricating, Atlanta, Ga.  
 Reed-Prentice Co., drilling machines & lathes, Worcester, Mass.  
 Reed & Prince Mfg. Co., bolts, nuts, screws & taps, Worcester, Mass.  
 Reed, R. H., & Bro., brick, Hightstown, N. J.  
 Reed & Rogers Mfg. Co., agricultural implements, Vernon, Ind.  
 Reed & Sherwood Mfg. Co., wood tanks, Anoka, Minn.  
 Reed Small Tool Wks., Worcester, Mass.  
 Reed & Sons Piano Mfg. Co., 28 E. Jackson blvd., Chicago, Ill.  
 Reed & Steeger Sash & Door Co., 4211 Chippewa, St. Louis, Mo.  
 Reed Stone Co., Bedford, Ind.  
 Reed & Vendret, granite, S. Quincy, Quincy, Mass.  
 Reed, Wm., architect, 1617 Enderly pl, Fort Worth, Tex.  
 Reeder, Jno. S., paint mfr., Hamilton, Ohio.  
 Reeder, Oliver & Son, dry docks, Key Highway & Covington, Baltimore, Md.  
 Reeds, C. H., Sons, meat packers, 185 1st av, New York.  
 Reedsburg Canning Co., Eau Claire, Wis.  
 Reedy, D. V., Elev. Co., 1026 Kentucky av, Indianapolis, Ind.  
 Reedy Elevator Co., Hoboken, N. J., & 202 9th av, New York.  
 Reedy Fndry. Co., 4600 Iowa, Chicago, Ill.  
 Reedy, H. J., Elev. Co., 11 W. 2d, Cincinnati, Ohio.  
 Reedy Mill Co., flour, Reedy, W. Va.  
 Reeger, Ed., contractor, Trenton, N. J.  
 Reely, T. W., architect, Fort Dodge, Ia.  
 Rees & Co., machsts., 220 E. 86th, New York.  
 Rees, Cyrus B., heating contractor, 1322 14th, N. W., Washington, D. C.  
 Rees, Glenn M., architect, Granite Bldg., Rochester, N. Y.  
 Rees, Hans, Sons, leather belting butts, 39 Frankfort, New York.  
 Rees, Jas., & Sons Co., tubular boilers, 18 4th, Pittsburgh, Pa.  
 Rees, S. W., & Co., steel stamps, stencils, 44 Vesey, New York.  
 Rees-Scott Co. (Ltd.), lumber, 911 Hibernia, New Orleans, La.  
 Rees, Wm. R., starch mfr., Mars Hills, Me.  
 Reese & Bro., rural mail boxes, Rolling Prairie, Ind.  
 Reese, E. C., canned goods, Harrington, Del.  
 Reese, F. W., broom corn cleaners, machsts. & fndrs., Paris, Ill.  
 Reese, Hiram, contractor, Punxsutawney, Pa.  
 Reese, S. P., & Co., Harrington, Del.  
 Reese, Sephaniah, machst., Plymouth, Pa.  
 Reese-Sheriff Lumber Co., Williamsport, Pa.  
 Reese, W. J., fndr., Quincy, Ill.  
 Reetz, Ewald R., hair cloth mfr., Hulmeville, Pa.  
 Reetz, R. C., Co., cornices, Pawtucket, R. I.  
 Reeve, Abner S., & Sons, masons' & bldrs.' matls, 88 Front, Newark, N. J.  
 Reeve, Augustus, brick, Maple Shade, N. J.  
 Reeve & Burr, contractors, Morristown, N. J.  
 Reeve, H. Edward, architect, 763 Broad, Newark, N. J.  
 Reeve, Hy. E., machsts. & fndrs., 459 Carroll, Brooklyn, N. Y.  
 Reeve, Wm. D., contractor, Englewood, N. J.  
 Reeve, Wm. K., contractor, 826 19th, N. W., Washington, D. C.  
 Reeves, Alfred J., architect, East Moline, Ill.  
 Reeves & Baillie, architects, Jefferson Bldg., Peoria, Ill.  
 Reeves Bros. Co., tanks, Alliance, Ohio.  
 Reeves Co., paint mfrs., 805 Howard, New Orleans, La.  
 Reeves-Cubberly Engine Co., machsts., Trenton, N. J.  
 Reeves, Frank, brick, New Albany, Miss.  
 Reeves, Geo. H., pack'g box mfrs., 290 Greene, Brooklyn, N. Y.  
 Reeves, H. Alban, architect, Cham. of Com. Bldg., Los Angeles, Cal.  
 Reeves Interior Marble Co., Atlanta, Ga.  
 Reeves, Jas. M., machsts., Alexandria, Ind.  
 Reeves Mfg. Co., mitre scales, models & experimental wks., Milford, Conn.  
 Reeves Mfg. Co., stove pipe & elbow mfrs., Dover, Ohio.  
 Reeves, Mark B., contractor, Wildwood, N. J.  
 Reeves, Paul S., & Co., bearings, bushings, castings, rods, etc., 1415 Catharine, Philadelphia, Pa.  
 Reeves Pulley Co., machs. & fndrs., Columbus, Ind.  
 Reeves & Ramsey, architects, Putnam Bldg, Davenport, Ia.  
 Reeves, S. V., heaters, 45 N. 2d, Philadelphia, Pa.  
 Reeves, Sam'l V., fndrs., 45 N. 2d, Philadelphia, Pa.  
 Reeves, Sexton Auto Co., Columbus, Ind.  
 Reeves, Stacy & Sons, contractors, 2011 Market, Phila., Pa.  
 Reeves Supply Co., plumbers' & steam fitters' supplies, 1304 McGee, Kansas City, Mo.  
 Reeves, T. C., contrs., 4955 Berlin av, St. Louis, Mo.  
 Reeves, T. J., & Co., fertilizer, Thomaston, Ga.  
 Reeves, W. H., & Co., contractors, Greenport, N. Y.  
 Reflector & Hdwe. Specialty Mfg. Co., 2235 S. Western av, Chicago, Ill.  
 Reflex Ignition Co., spark plugs, 1708 Payne av, Cleveland, Ohio.  
 Reflor Hardware Co., Ottawa, Ill.  
 Refrigerating World, trade publication, 233 Broadway, New York.  
 Refuge Cotton Oil Co., Vicksburg, Miss.  
 Regal Belting Co., 2520 Spring Grove, av, Cincinnati, Ohio.  
 Regal Gasoline Engine Co., Coldwater, Mich.  
 Regal Motor Car Co., Beaubien & Trombley, Detroit, Mich.  
 Regal Silver Mfg. Co., New Haven, Conn.  
 Regan & Weller, architects, Bank of Com. Bldg., Memphis, Tenn.  
 Regan, Wm. P., architect, 296 Essex, Lawrence, Mass.  
 Regar Co., machsts. & fndrs., 1523 E. 45th, Cleveland, Ohio.  
 Regelman, Henry, architect, 133 7th, New York.  
 Regenbogen, Philip, trunk mfrs., 736 South, Philadelphia, Pa.  
 Reger, H. P., & Co., heating contrs., 5512 Lake Pk. av, Chicago, Ill.  
 Regina Co., machts., 47 W. 34th, New York.  
 Regina Co., pianos, Rahway, N. J.  
 Regina Flour Mill Co., St. Louis, Mo.  
 Regina Swimming Devices & Nov. Co., 22 E. 21st, New York.  
 Register, F. P., Co., turpentine, Register, Ga.  
 Register, H., Bartol, architect, 1012 Walnut, Philadelphia, Pa.  
 Regnall, B. J., Co., contractors, 19 S. La Salle, Chicago, Ill.  
 Reh, I., architect, 320 5th av, New York.  
 Rehels Bros., pearl buttons, Newark, N. J.  
 Rehfuß, Geo., & Sons, machsts., 1311 Carlisle, Phila., Pa.  
 Rehfuß, Geo. U., architect, Weightman Bldg., Phila., Pa.  
 Rehfuß, Martin, Jr., harness mfrs., Indianapolis, Ind.  
 Rehkopf Bros., carriages, Topeka, Kans.  
 Behkopfs Mattress Co., Texarkana, Tex.  
 Rehm & Co., flag mfrs., tents, 214 Washington, New York.  
 Rehm Hardware Co., whol. hdwe. & screw drivers, 1501 Blue Island av, Chicago, Ill.  
 Rehman, August, architect, Bridgeville, Pa.  
 Rehoboth Packing Co., Rehoboth Beach, Del.  
 Rehtz, F. C., carriages, Rochester, N. Y.  
 Reich, John, heating contr., 623 Clark, Milwaukee, Wis.  
 Reich, V. E., green house bldrs. & materials, sash, door & blind mfrs., 1429 Metropolitan av, Brooklyn, N. Y.  
 Reichard, F. A., oxide of iron, chloride of lime, 95 Madison av, New York.  
 Reichard Supply Co., plumbers' supplies, Hagerstown, Md.  
 Reichardt, F. A., & Co., surgical instruments & safety razors, mfrs., 33 Barclay, New York.  
 Reichardt Piano Co., 733 Milwaukee av, Chicago, Ill.  
 Reichel & Drews, machsts., 559 W. Lake, Chicago, Ill.  
 Reichenbach-Wickenhiser Co., whol. hdwe., Huntington, Ind.  
 Reichert Mfg. Co., concrete forms, 1440 Booth, Milwaukee, Wis.  
 Reichert, N., contrs., Racine, Wis.



- Reichley Bros. & Co., lumber, St. Clair, Pa.  
 Reichmann, Theo., architect, Freeland, Pa.  
 Reid, A. E., Creamery & Dairy Supply Co., 69th & Haverford, Philadelphia, Pa.  
 Reid, A. P. (Est.), sash, door & blind, Parkesburg, Pa.  
 Reid, A. S., & Co., masons' & bldrs.' matls, 786 Broad, Newark, N. J.  
 Reid, Alex., & Co., tubular boilers, 165 Charles, New York.  
 Reid Brass Mfg. Co., bath, supply & waste fittings, 272 Kent av, Brooklyn, N. Y.  
 Reid Bros., architects, California Pacific Bldg., San Francisco, Cal., & 129 W. 3d, Los Angeles, Cal.  
 Reid Brothers, hospital furniture, Mission, San Francisco, Cal.  
 Reid Bros. Co., machsts. & fndrs, Beverly, Mass.  
 Reid Bros. Co., tubular boilers, Bellingham, Wash.  
 Reid Bros. Surgical Supply Co., hospital furniture, Seattle, Wash.  
 Reid Co., cornices, Moline, Ill.  
 Reid, Francis W., architect, 1725 6th av, Oakland, Cal.  
 Reid, Fred, stone prod., Rockford, Ill.  
 Reid, Geo. B., architect, Henry Bldg., Seattle, Wash.  
 Reid, J. B., architect, Alexandria Bay, N. Y.  
 Reid, J. H., & Son, contractors, 1057 12th, Detroit, Mich.  
 Reid, Jas., Gas Engine Co., Main, Oil City, Pa.  
 Reid, Jas. M., contractor, Mount Vernon, N. Y.  
 Reid, John, & Co., naval architects, 17 Battery pl, New York.  
 Reid, Jno., Jr., architect, 1st Nat. Bk. Bldg., San Francisco, Cal.  
 Reid, Jno. L., heating contr., 356 Mulberry, Newark, N. J.  
 Reid, M., & Co., contractors, 114 W. 39th, New York.  
 Reid, Murdoch & Co., canned goods, Clark St. Bridge, Chicago, Ill.  
 Reid-Palmer Constr. Co., 30 E. 42d, New York.  
 Reid Portable Oven Co., Palace Arcade, Buffalo, N. Y.  
 Reid, R. W., machst. & fndrs., 272 Kent av, Brooklyn, N. Y.  
 Reid, Robt., machst., 71 Laurel, Philadelphia, Pa.  
 Reid, Sidney, carriages, Marlboo, N. J.  
 Reid, Thos. J., & Co., contractors, New Rochelle, N. Y.  
 Reid, W. W., Mfg. Co., metal polish, 204 Milk, Boston, Mass.  
 Reid, Wilfred C., architect, 1023 Summit av, New York.  
 Reid, Wm. B., architect, 280 High, Holyoke, Mass.  
 Reid, Wm. E., contrs., Decatur, Ill.  
 Reid, Wm. G., & Co., parquet floors, 16 W. 47th, New York.  
 Reid, Wm., Glass Co., 753 Fort, W., Detroit, Mich.  
 Reid, Wm. W., harness leather, 235 W. Lake, Chicago, Ill.  
 Reidenbach, R. P., flour mills, Ashtabula, Ohio.  
 Reidenouer & Erickson, contractors, 535 E. 47th, Chicago, Ill.  
 Reidpath, Robert J., & Son, architects, Builders' Exch., Buffalo, N. Y.  
 Reidy, Jno. J., linemen's climbers, New Haven, Conn.  
 Reidy, M. J., architect, Albany, Ga.  
 Reif, Anton, architect, Higgins Bldg., Los Angeles, Cal.  
 Reif, H. A., cornices, Glendale, Cal.  
 Reiff, D. T., carriages, Kokomo, Ind.  
 Reiger, Harry J., architect, Ridgely Bldg., Springfield, Ill.  
 Reiges, Tobis B., mchsts., Pottstown, Pa.  
 Reiland Packing Co., meat packers, Grand Rapids, Wis.  
 Reiley, Robt. J., architect, 477 5th av, New York.  
 Reilley Bros. Ladder Co., 324 W. 41st, New York.  
 Reilly, A. E., roll grinding & corrugating, 12 Barnes Alley, Buffalo, N. Y.  
 Reilly, Austin L., architect, Bennett Bldg., Wilkes-Barre, Pa.  
 Reilly Bros. & Raub, masons' & bldrs.' matls., who. hdwe., mill & facty. supplies, Lancaster, Pa.  
 Reilly, C. J., hgt. contr., 1176 Gaylord, Denver Colo.  
 Reilly, Daniel, hgt. contr., North Yakima, Wash.  
 Reilly, Dennis E., architect, Derby, Conn.  
 Reilly, Eugene, architect, 63 W. 34th, Bayonne, N. J.  
 Reilly, Frank X., architect, Pottsville, Pa.  
 Reilly, Hugh, Co., paint, oils & glass wholesale, Washington, D. C.  
 Reilly, J. E., Stone Co., 10 Riverside av, Newark, N. J.  
 Reilly, J. F., & Co., artificial stone laundry tubs, San Francisco, Cal.  
 Reilly, J., Jr., cornices, Bridgeport, Conn.  
 Reilly, John, patent leather, 40 Av. C, Newark, N. J.  
 Reilly, John W., architect, 802 Hamilton, Allentown, Pa.  
 Reilly & Lathrop, masons' & bldrs.' matls., Northfield, Minn.  
 Reilly & Manz, bed springs, 192 R. av, Jersey City, N. J.  
 Reilly, P., & Son, patent leather, Passaic av, Newark, N. J.  
 Reilly Steam Pump Works, Louisville, Ky.  
 Reilly, Thos., contractor, 1616 Thompson, Philadelphia, Pa.  
 Reilly, W. W., & Bro., lumber, Brisbane Bldg., Buffalo, N. Y.  
 Reily, A. E., architect, Eau Claire, Wis.  
 Reiman, G. E. & E. E. Co., contractors, Nap av & Pitt, New Orleans, La.  
 Reiman Lime & Cement Co., masons' & bldrs.' matls., Terre Haute, Ind.  
 Reimar, C. F., & Co., contractors, Marshalltown, Ia.  
 Reimard Bros., contractors, Bloomsburg, Pa.  
 Reimer & Herlin, architects, Marshalltown, Ia.  
 Reimer, Jno. B., masons' & bldrs.' matls., Ozone Park, N. Y.  
 Reimer, Louis A., heating contr., 650 3d, Milwaukee, Wis.  
 Reimers-Kaufman Co., stone—artificial bldg., Lincoln, Neb.  
 Reimers Mfg. Co., elec. sad irons, 517 W. 45th, New York.  
 Reimers, Peter A., cornices & skylights, Davenport, Ia.  
 Reinbold, Ernst, brick, Sebewaing, Mich.  
 Reinbold, Jos., Bronze Co., fndrs., Newark, N. J.  
 Reindollar Co., fertilizer mfrs., Tanneytown, Md.  
 Reinemund Hardware Co., Audubon, Ia.  
 Reinert Bros. Constr. Co., St. Joseph, Mo.  
 Re-Inforced Concrete Co., Wright Bldg., St. Louis, Mo.  
 Reinforced Concrete Roof Co., Youngstown, Ohio.  
 Reinforced Rail Joint Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Reinhardt, Adolph, contractors, Terre Haute, Ind.  
 Reinhardt Bros., contractors, 645 5th av, New York.  
 Reinhardt, C. H., contractor, 41st & Oklahoma, Milwaukee, Wis.  
 Reinhart & Donovan Co., steel structural work, Oklahoma, Okla.  
 Reinhart, H. M., contractors, Calvert Bldg., Baltimore, Md.  
 Reinheimer Quarries Co., New Paris, Ohio.  
 Reinhold, Henry L., Jr., architect, 1309 Walnut, Phila., Pa.  
 Reinhold Mfg. Co., machsts., Detroit, Mich.  
 Reinhold & Meyer Mfg. Co., dairy apparatus & supplies, Plymouth, Wis.  
 Reinhold Noflux Aluminum Solder Co., cements, Newark, N. J.  
 Reinke, Gust., contractor, Sandusky, O.  
 Reinle Salmon Co., store fixtures, Warner & Stockholm, Baltimore, Md.  
 Reinschmidt, C. & H., blowing balls, Rochester, N. Y.  
 Reis, G., & Bro., hosiery bands & labels, 900 B'way, New York.  
 Reis, J. B., Lumber Co., Belleville, Ill.  
 Reis, John, contrs., Two Rivers, Wis.  
 Reiser, Mac L., architect, 189 Bristol, Brooklyn, N. Y.  
 Reiser Machine Shop, Ltd., Lake Charles, La.  
 Reisig, Chas. H., aniline colors, etc., 269 Water, New York.  
 Reisinger, Hugo, arc light carbons, 11 B'way, New York.  
 Reisinger, Robt. L., & Co., bldg. contrs., 724 Cramer, Milwaukee, Wis.  
 Reisman, Louis, architect, Dime Bank Bldg., Scranton, Pa.  
 Reisner, W. H., Mfg. Co., pipe organ hardware, optical specialties, etc., Hagerstown, Md.  
 Reiss Bros. & Co., pipes, 252 E. Erie, Chicago, Ill.  
 Reissman, Otto, architect, 147 4th av, New York.  
 Reite, J. B., contractor, 951 Mission, San Francisco, Cal.  
 Reiter, E. H., boiler flue & tube cleaners, Elgin, Ill.  
 Reiter, G. C., unmounted elec. bell gongs & stamping, Canton, O.  
 Reiter, Irvin T., Co., contrs., Commercial Trust Bldg., Philadelphia, Pa.  
 Reith Polish Co., metal polish, 2010 Larrabee, Chicago, Ill.  
 Reith, Wm., glass embossers & stainers, 134 N. 7th, Phila., Pa.  
 Reitnauer, Jas., flour mills, Pikesville, Pa.  
 Reitz Bros. Co., masons' & bldrs.' matls., Portsmouth, Ohio.  
 Reitz Bros. Stone Co., 4500 Chouteau av, St. Louis, Mo.  
 Reitz, Clemens, Sons Co., lumber mfrs., Evansville, Ind.  
 Reitz, John A., & Sons, lumber mfrs., Evansville, Ind.  
 Reitze Wall Paper & Paint Co., Denver, Colo.  
 Relc Extinguisher Corp. of America, 120 B'way, New York.  
 Reliable Auto. Parts Co., 244 W. 49th, New York.  
 Reliable Brass Bed Mfg. Co., 103 Mott, New York.  
 Reliable Case Mfg. Co., 309 S. Clinton, Chicago, Ill.  
 Reliable Elec. Co., testing clamps, horse clipping machines, etc., 411 S. Sangamon, Chicago, Ill.  
 Reliable Incubator & Brooder Co., Quincy, Ill.  
 Reliable Machine Co., Bridgeport, Conn.  
 Reliable Machine Co., gas engines, Anderson, Ind.  
 Reliable Machine Co., stamping sheet metal, 5320 St. Clair av, Cleveland, Ohio.  
 Reliable Match Co., Ashland, Ohio.  
 Reliable Stamping Co., cornices & skylights, Tacoma, Wash.  
 Reliable Stamping Co., folding rules, Buffalo, N. Y.  
 Reliable Stove Co., 1787 E. 40th, Cleveland, Ohio.  
 Reliable Water Motor & Mfg. Co., Burlington, Ia.  
 Reliance Arch'l Iron Wks., 253. Monitor, B'klyn, N. Y.  
 Reliance Ball Bearing Door Hanger Co., 30 E. 42d, New York.  
 Reliance Boiler Wks., Racine, Wis.  
 Reliance Buggy Co., St. Louis, Mo.  
 Reliance Coke Co., Frick Bldg., Pittsburgh, Pa.  
 Reliance Construction Co., Board of Trade Bldg., Indianapolis, Ind.  
 Reliance Electric & Engng. Co., "Reliance" electric motors and generators, 1064 Ivanhoe rd, Cleveland, Ohio.  
*See adv index at end of book.*  
 Reliance Elec. Htg. Co., cooking app., Columbia, Pa.  
 Reliance Elevator Co., 212 W. Austin av, Chicago, Ill.  
 Reliance Engng. Co., machsts. & fndrs., Lansing, Mich.  
 Reliance Equipment Co., mill & facty. supplies, Mobile, Ala.  
 Reliance Fertilizer Co., Savannah, Ga.  
 Reliance Fireproof Door Co., 47 Milton, Brooklyn, N. Y.  
 Reliance Fndry. Co., Richmond, Ind.  
 Reliance Gas Mantle Co., 103 Beekman, New York.  
 Reliance Gas Regulator & Machine Co., Pasadena, Cal.  
 Reliance Gauge Column Co., steam traps, etc., 5902 Carnegie av, Cleveland, Ohio.  
 Reliance Instrument Co., storage battery charging sets, ammeters, etc., 1135 W. Van Buren, Chicago, Ill.  
 Reliance Lumber Co., Seattle Wash.  
 Reliance Mach. & Tool Wks., Channing & Franklin avs, St. Louis, Mo.  
 Reliance Mach. Wks., Hedge & Plum, Phila., Pa.  
 Reliance Machy. & Supply Co., mill & facty. supplies, 217 S. Peters, New Orleans, La.  
 Reliance Mfg. Co., locks, nuts, & washers, Massillon, Ohio.  
 Reliance Mfg. Co., oil extractors, Cleveland, Ohio.  
 Reliance Metal Co., Quincy, Mass.  
 Reliance Milling Co., flour, Murphysboro, Ill.



- Reliance Oil & Grease Co., 50 South, New York.  
 Reliance Oil & Grease Co., wire rope coating, Cleveland, Ohio.  
 Reliance Paint Co., Akron, Ohio; 357 Bond, B'klyn, N. Y., & 25 Beaver, New York.  
 Reliance Pattern Wks., 3202 Smallman, Pittsburgh, Pa.  
 Reliance Quarry & Const. Co., stone prod., Alton, Ill.  
 Reliance Steel Casting Co., 28th & Smallman, Pittsburgh, Pa.  
 Remacle, Louis H., machsts., 246 Canal, New York.  
 Remaly Mfg. Co., buckets, etc., Tamaqua, Pa.  
 Remer Bros., masons' & bldrs. matls., Saginaw, Mich.  
 Remhof, Chas., globe holders, 375 Kent av, B'klyn, N. Y.  
 Remick, A. R., masons' & bldrs. matls., Kelso, Wash.  
 Remick, Arthur T., architect, 15 W. 38th, New York.  
 Remien & Kuhnert Co., enamels, 63 W. Grand av, Chicago, Ill.  
 Remillard Brick Co., Oakland, Cal.  
 Remington Arms Union Metallic Cartridge Co., 233 B'way, New York.  
 Remington, Cornelius G., architect, Hampton, Va.  
 Remington, F. H., contractor, Rutland, Vt.  
 Remington, H. E., & Co., pads & tablets, Fitchburg, Mass.  
 Remington Mach. Co., 411 E. Front, Wilmington, Delaware.  
 Remington Motor Co., 9 Central Park W., New York.  
 Remington Oil Engine Co., Stamford, Conn.  
 Remington Packing Co., canned goods, Moorhead, Minn.  
 Remington Paper & Power Co., Watertown, N. Y.  
 Remington Pulp & Paper Co., Watertown, N. Y.  
 Remington & Sherman Co., machsts. & fndrs., 636 Richmond, Phila., Pa.  
 Remington Typewriter Co., machsts., 374 B'way, New York.  
 Remley, Esley P., ties, Dermott, Ark.  
 Rimmel, B. E., architect, Porterville, Cal.  
 Rimmel, Nicholas, machsts. & fndrs., Kewaskum, Wis.  
 Remmers, B., & Sons, centrifugals, grain dryers, sand filters, etc., 1227 Germantown, Philadelphia, Pa.  
 Remmers, F. J., Contr. & Bldg. Co., 805 Cass av, St. Louis, Mo.  
 Remmers Soap Co., 2261 Spring Grv. av, Cincinnati, Ohio.  
 Remmey, Rich. C., Son, Co., chemical stoneware, cupola linings or blocks, etc., Hedley & Del., Philadelphia, Pa.  
 Remp, B., brick, Dresbach, Minn.  
 Rempe Co., pipe bends, 341 N. Sacramento av, Chicago, Ill.  
 Rempe, F., & Son, sash, door & blind mfrs., Oakley, Ohio.  
 Remphis, Wm. F., Co., arch. & ornamental iron works, 226 Spruce, Reading, Pa.  
 Rempis & Gallmeyer Fdry. Co., Grand Rapids, Mich.  
 Remy Elec. Co., Anderson, Ind.  
 Renault Selling Branch, automobile bldrs., 719 5th av, New York.  
 Rendle, G. T., Co., contractors, Boston, Mass.  
 Rendle & Stoddard, 333 Border, Boston, Mass.  
 Rendle, W. S., dock bldg. contractor, 135 Prescott, Boston, Mass.  
 Rendrock Powder Co., 106 Wall, New York.  
 Re-New Lamp Co., Malden, Boston, Mass.  
 Renfax Film Co., 110 W. 40th, New York.  
 Renfrew Machy. Co. (Ltd.), 1st Nat. Bk. Bldg., Milwaukee, Wis.  
 Renfrew Mfg. Co., cotton damasks, Adams, Mass.  
 Renfrew, R. M., canned goods, Fayetteville, Pa.  
 Renfrew & Dean, flour mills, Dundee, Ky.  
 Renim Specialty Co., boxes, panel board cabinets, Brighton, Boston, Mass.  
 Renn-Davis & Co., mattress mfrs., Portsmouth, Va.  
 Renn & Morrison, brick, Haverstraw, N. Y.  
 Rennacker Construction Co., 10 S. La Salle, Chicago, Ill.  
 Renneburg, Edw. & Sons Co., machinery mfrs., 2639 Boston, Baltimore, Md.  
 Rennie, John T., machsts. & fndrs., Cairo, Ill.  
 Renninger, John H., contractor, Schuylkill Haven, Pa.  
 Rennolds, J. A., & Bro., lbr., 116 Broad, New York.  
 Rennous, Kleinle & Co., paint brushes, 3221 Frederick av, Baltimore, Md.  
 Reno Bros. Paint Co., Pulaski, Pa.  
 Reno-Kaetker Elec. Co., motor charging rheostats, 610 Baymiller, Cincinnati, Ohio.  
 Reno Mfg. Co., neck yokes, staples, etc., Erie, Pa.  
 Reno Pressed Brick Co., Reno, Nevada.  
 Renoudet, P. L., Lumber Co., Ltd., New Iberia, La.  
 Renshlag, John D., coffins, Findlay, Ohio.  
 Rensselaer Lumber Co., Rensselaer, Ind.  
 Rensselaer Polytechnic Institute, engng. schools & colleges, Troy, N. Y.  
 Rensselaer & Valatie Mills, sweaters, cardigans, etc., Valatie, N. Y.  
 Rensselaer Valve Co., mfrs., Troy, N. Y.  
 Renton, G. W., trap vents, 28 Johnson av, Brooklyn, N. Y.  
 Renton, Wm., machst. & fndr., Pittsburgh, Pa.  
 Rentz Lbr. Co., Fort McCoy, Fla.  
 Renwick, Aspinwall & Tucker, architects, 8 W. 40th, New York.  
 Renwick, Wm. W., architect, 38 W. 32nd, New York.  
 Reo Motor Car Co., Lansing, Mich.  
 Reordway Mfg. & Sales Co., gauge glass reflectors, Marquette Bldg., Chicago, Ill.  
 Reppell-Murphy Elec. Co., bell ringing transformers, 3307 Summit, Kansas City, Mo.  
 Reppenhagen, M. E., razor strops, Highland Falls, N. Y.  
 Replogle Co., flour mills, Red Oak, Ia.  
 Reproduction Co., advt. nov. & spec., 351 Jay, Brooklyn, N. Y.  
 Repsdorph Tent & Awning Co., Houston, Tex.  
 Republic Construction Co., 233 B'way, New York, & Merchants Bank Bldg., Indianapolis, Ind.  
 Republic Creosoting Co., sanitary flooring & wood paving blocks, Merchants Bk. Bldg., Indianapolis, Ind.  
 Republic-Dodge Mfg. Co., carbon paper & typewriter ribbons, 188 3d av, Brooklyn, N. Y.  
 Republic Flow Meters Co., 565 Washington blvd, Chicago, Ill.  
 Republic Iron & Steel Co., Republic Bldg., Youngstown, Ohio.  
 Republic Mfg. Co., mill & facty. supplies, 14 N. Peoria, Chicago, Ill.  
 Republic Mfg. Co., steel ranges, cement rammers, hay racks, etc., Milwaukee, Wis.  
 Republic Metalware Co., 90 Alabama, Buffalo, N. Y.  
 Republic Mining & Mfg. Co., bauxite, Harrison Bldg., Phila., Pa.  
 Republic Motor Truck Co., Alma, Mich.  
 Republic Paint & Lead Wks., rfg. cements, E. 131st & Taft av, Cleveland, Ohio.  
 Republic Rubber Co., Youngstown, Ohio.  
 Republic Stamping & Enameling Co., Canton, Ohio.  
 Republic Stove & Mfg. Co., Cleveland, Ohio.  
 Republic Structural Iron Works Co., 1270 E. 53rd, Cleveland, O.  
 Republic Supply Co., oil & gas well supplies, Humble, Tex.  
 Repult, J. W., flour, Plantersville, Miss.  
 Requa Mfg. Co., manicure sets, 1193 Atlantic av, Brooklyn, N. Y.  
 Requa, S. E., lbr. mfrs., Monsey, N. Y.  
 Requarth, C. W., Co., reinf. concrete steel const., Charlotte, N. C.  
 Requarth, F. A., Co., sash, door & blind mfrs., Dayton, Ohio.  
 Res Mfg. Co., spice cabinets, holders, hooks, etc., 2907 Meinecke av, Milwaukee, Wis.  
 Resch, Jno. A., architect, 170 Lexington av, Jersey City, N. J.  
 Reschke Machine Works, Wichita, Kans.  
 Research Mfg. Co., pickling compounds, Oak Lane Station, Pa.  
 Reserve Mining Co., iron ores, Cleveland, Ohio.  
 Resler, J. A., sashes, doors & blinds, Caledonia, Ohio.  
 Resolute Pottery Co., Trenton, N. J.  
 Ress, W. N., machsts., Lincoln, Neb.  
 Ressler, G. S., & Co., carpet beaters, Lansing, Mich.  
 Ressler, Nick, architect, Mandan, N. D.  
 Restein Clement Co., mill & facty. supplies, 139 N. 2d, Philadelphia, Pa.  
 Restick Lumber Co., 992 Vinewood av, Detroit, Mich.  
 Retail Coalman, trade publication, Monadnock Bldg., Chicago, Ill.  
 Retardo Fire Proof Paint Co., 416 North av, Milwaukee, Wis.  
 Rethorford Bros., lighting devices & machy., Muncie, Ind.  
 Retlaw Mfg. Co., indicators, 812 Woodbridge, E. Detroit, Mich.  
 Retmier, Frank C., contractor, Lemcke Bldg., Indianapolis, Ind.  
 Retsof Mining Co., rock salt mfrs., 2 Rector, New York.  
 Retting Furn. Co., Grand Rapids, Mich.  
 Reubens, S., & Bro., scrap brass, 68 Cliff, New York.  
 Reul Bros., sash, door & blind, Helenville, Wis.  
 Reule Fred'k, mill & facty. supplies, Lafayette, Ind.  
 Reuter, Carl H., adding & calculating machines, Land Title Bldg., Philadelphia, Pa.  
 Reuter, G. A., lumber, Fort Recovery, Ohio.  
 Reuter & Harrington, architects, Frost Bldg., San Antonio, Tex.  
 Reuter, Henry, & Sons, cornices & skylights, Kankakee, Ill.  
 Reuter Hub & Spoke Co., Dexter, Mo.  
 Reuter Milling Co., flour, Flat River, Mo.  
 Reuter, O. P., architect, 105 S. 5th, Louisville, Ky.  
 Reuther Bros., fndrs., Harrison, N. J.  
 Reuther Mfg. Co., potato diggers, Hamburg, N. Y.  
 Reutter-Scanlon Handle Co., Nashville, Tenn.  
 Reuting, D. F., sash, door & blind, Titusville, Pa.  
 Reutschler Bros., carriages, 1767 15th, San Francisco, Cal.  
 Reuwer, Chas. H., architect, 710 N. Howard, Baltimore, Md.  
 Revell, A. H., Co., furniture for public bldgs., 141 S. Wabash av, Chicago, Ill.  
 Revels, Frederick W., architect, Syracuse University, Syracuse, N. Y.  
 Revere Drop Forge Co., Revere, Mass.  
 Revere Rubber Co., packing mfrs. & rubber gds., Chelsea, Mass.  
 Revere Rubber & Supply Co., machsts. tools, 1520 Main, Kansas City, Mo.  
 Revere Sugar Refinery, 15 Broad, Boston, Mass.  
 Reves-Shorter Co., fertilizer mfrs., Eufaula, Ala.  
 Revis, Wm. H., tile, cements, 1123 B'way, New York.  
 Revolute Mach. Co., blue & black prints & papers, 417 E. 93d, New York.  
 Revolution Cotton Mills, Greensboro, N. C.  
 Revolving Door & Fixture Co., revolving door mfrs., 1328 B'way, New York.  
 Rex Battery Co., 2505 S. State, Chicago, Ill.  
 Rex Buggy Co., carriages & wagons, Connorsville, Ind.  
 Rex Cleaner Co., vacuum cleaner mfrs., 431 Kent av, Brooklyn, N. Y.  
 Rex Distilling Co., 49 Causeway, Boston, Mass.  
 Rex File & Saw Co., Newcomerstown, Ohio.  
 Rex Ignition Mfg. Co., 1779 B'way, New York.  
 Rex Typewriter Co., 49 B'way, New York.  
 Rexford Gummed Tape Co., 598 Clinton av, Milwaukee, Wis.  
 Rex-Harris Fire Appliance Co., 36 E. 19th, New York.  
 Rex Hoop, Stave & Heading Co., Helena, Ark.  
 Rex Knitting Co., Little Falls, N. Y.  
 Rex Mfg. Co., clothes washing machines, Johnstown, Pa.  
 Rex Mfg. Co., tel. transmitter arms, Corry, Pa.  
 Rex Mfg. Co., tool post mfrs., Cambridge, Mass.  
 Rex Milling Co., flour, Drapers, Va.



- Rex Paper Co., Kalamazoo, Mich.  
 Rex Peaster Co., magnesite, Los Angeles, Cal.  
 Rex Typewriter Co., 180 N. Wabash, Chicago, Ill.  
 Rexim Co., blue prints, 908 Chestnut, Philadelphia, Pa.  
 Rexine Co., metal polish, hand soap, Sheboygan, Wis.  
 Rexroth, Louis, machsts., Indianapolis, Ind.  
 Reyburn-Hunter & Co., machsts., 494 N. American, Phila., Pa.  
 Reyburn Mfg. Co., R.R. manifold paper, tags, etc., 23d & Allegheny av., Philadelphia, Pa.  
 Reymann, Paul O., Co., meat packers, Wheeling, W. Va.  
 Reynertson, Theis J., architect, 1937 N. Crawford av., Chicago, Ill.  
 Reynes, E. M., architect, 316 Baronne, New Orleans, La.  
 Reynold-Zahn Co., hdwe. mfrs., 46 Mechanic, Newark, N. J.  
 Reynolds, A., masons' & bldrs.' matls., Russell, Pa.  
 Reynolds, A. W., architect, Majestic Bldg., Denver, Colo.  
 Reynolds, B. F., & Co., steam htrs, 414 N Dearborn, Chicago, Ill.  
 Reynolds Bros., hand cut files, Columbus, Ohio.  
 Reynolds Bros., wood handles, Corunna, Ind.  
 Reynolds Chalou Fdry. Co., grey iron castings, Troy, N. Y.  
 Reynolds, Chas. E., sash, door & blind mfrs., 634 1st av., New York.  
 Reynolds, Clifford W., contractor, 50 Church, New York.  
 Reynolds Constr. Co., 308 S. 9th, Newark, N. J.  
 Reynolds-Dull Flasher Co., 18 S. 5th av., Chicago, Ill.  
 Reynolds, E. J., & Co., furnace sand, Utica, N. Y.  
 Reynolds, E. J., Sand Co., Utica, Ill.  
 Reynolds, E. P., arch'l iron, 411 E. 91st, New York.  
 Reynolds, E. W., canned goods, Troutville, Va.  
 Reynolds Electric Co., electric motors & electric sign flashers, 421 S. Talman av., Chicago, Ill.  
 Reynolds Elec. Flasher Mfg. Co., 422 S. Talman av., Chicago, Ill.  
 Reynolds, G. W., flour mills, Chalk Level, Va.  
 Reynolds, G. W. H., Fndry. Co., Troy, N. Y.  
 Reynolds, Gardner W., plumbers' solder, Meriden, Conn.  
 Reynolds Gas Regulator Co., Anderson, Ind.  
 Reynolds, H. B., Mfg. Co., fountains (poultry), Fredericktown, Md.  
 Reynolds, H. M., Asphalt Shingle Co., Grand Rapids, Mich.  
 Reynolds Home Mixture Guano Co., Reynolds, Ga.  
 Reynolds & Hughes, contractors, 104 E. Saratoga, Baltimore, Md.  
 Reynolds, J. S., & Co., canned goods, Frederica, Del.  
 Reynolds, J., & Son, hot air furnaces, 1613 Filbert, Phila., Pa.  
 Reynolds, James, Mfg. Co., removable screw calks, New Haven, Conn.  
 Reynolds, James T., architect, Lawrence, Mass.  
 Reynolds, K. G., architect, 5 W. 16th, New York.  
 Reynolds Leather Goods Co., suit cases & traveling bags, Putnam, Conn.  
 Reynolds Mfg. Co., curtain rings, West Toledo, Ohio.  
 Reynolds, Marcus T., architect, 100 State, Albany, N. Y.  
 Reynolds Pattern & Machine Co., Moline, Ill.  
 Reynolds Preserving Co., Sturgeon Bay, Wis.  
 Reynolds, R. J., Tobacco Co., machinists, Winston Salem, N. C.  
 Reynolds & Reynolds Co., pads & tablets, Dayton, Ohio.  
 Reynolds, S. H., canned goods, Nace, Va.  
 Reynolds & Son, mill & facty. supplies, Barre, Vt.  
 Reynolds Stamp & Stencil Works, 103 Westminster, Providence, R. I.  
 Reynolds, T. H., Constrg. Co., 13 Park Row, New York.  
 Reynolds, W. A., Lumber Co., Spencerville, Ohio.  
 Reynolds, W. J., stone producers, Roscoe, N. Y.  
 Reynolds, Wm. E., architect, Green Bay, Wis.  
 Reynolds Wire Co., Dixon, Ill.  
 Reynoldsville Brick & Tile Co., Reynoldsville, Pa.  
 Reznor Mfg. Co., founders, Mercer, Pa.  
 Rezny, Jas. B., architect, 29 S. La Salle, Chicago, Ill.  
 R. & G. Soap & Supply Co., Binghamton, N. Y.  
 R. & G. Typewriter Co., 225 Fulton, New York.  
 Rhamy, W. H., masons' & bldrs.' matls., Findlay, Ohio.  
 Rhein, W. H., & Co., wholesale hardware, Lander, Wyo.  
 Rheinfrank Bldg. Material Co., 620 E. 14th, New York.  
 Rheinfrank, G. B., architect, Gardner Bldg., Toledo, Ohio.  
 Rheinfrank & Haas, contractors, 101 Park av., New York.  
 Rheinstrom Bros. Co., canned goods, Cincinnati, Ohio.  
 Rhinehart Grain Co., Unipolis, Ohio.  
 Rhineland Mach. Wks. Co., 1727 B'way, New York.  
 Rhineland Iron Co., Rhineland, Wis.  
 Rhineland Paper Co., Rhineland, Wis.  
 Rhineland, R. H., contractor, Glens Falls, N. Y.  
 Rhineland Refrigerator Co., Rhineland, Wis.  
 Rhinesmith & Simonson, sash, door & blind mfrs., Ft. Wayne, Ind.  
 Rhodes, Jas. H., & Co., chemicals, 162 W. Kinzie, Chicago, Ill.  
 Rhodes Mfg. Co., registers, shears, etc., Grand Rapids, Mich.  
 Rhodes Mfg. Co., shaping & slotting machine mfrs., 32 Union pl., Hartford, Conn. *See adv index at end of book.*  
 Rhoads, R. W., & Co., machsts. & fndrs., Long Island City, N. Y.  
 Rhoads, Irwin G., boiler compounds, Manhattan Bldg., Philadelphia, Pa.  
 Rhoads, J. E., masons' & bldrs.' matls., Harrisburg, Pa.  
 Rhoads, J. E., & Sons, mill & facty. supplies & round belting mfrs., 12 N. 3d, Philadelphia, Pa.  
 Rhoads, Maurice R., contractors, architects, Chambersburg, Pa.  
 Rhoads, Samuel, farm wagons, Anderson, Ind.  
 Rhode Bros., trunk mfrs., 121 Passyunk av., Philadelphia, Pa.  
 R. I. Braiding Mach. Co., 228 Aborn, Providence, R. I.  
 R. I. Brass Fndry. Co., 108 Pine, Providence, R. I.  
 R. I. Brush Co., 50 Daniel av., Providence, R. I.  
 R. I. Cement Drain Pipe Co., 500 Valley, Providence, R. I.  
 R. I. Malleable Iron Wks., Hills Grove, R. I.  
 R. I. Perkins Horse Shoe Co., Valley Falls, R. I.  
 R. I. State College Dept. of Engng., Kingston, R. I.  
 R. I. Supply & Engineering Co., 156 West Exchange, Providence, R. I.  
 R. I. Supply & Sprinkler Co., 141 Milk, Boston, Mass.  
 R. I. Telephone & Elec. Co., 55 Pine, Providence, R. I.  
 R. I. Tool Co., bolts, nuts, screws, etc., Providence, R. I.  
 R. I. Washer Co., insulating & plumbers' washers, Valley Falls, R. I.  
 R. I. Wire Wks., 45 Willard av., Providence, R. I.  
 Rhodes, A. Edward, architect, Masonic Temple, Wilmington, Del.  
 Rhodes Bros., masons' & bldrs.' matls., Mount Carroll, Ill.  
 Rhodes, G. W., turpentine, Woodville, Fla.  
 Rhodes & Gault, flour mills, Murphysville, Ky.  
 Rhodes Glass & Bottle Co., Massillon, Ohio.  
 Rhodes, I. A., contractor, Huntington, W. Va.  
 Rhodes, I. M., & Co., mill & facty. supplies, Meadville, Fla.  
 Rhodes, J. C., & Co., shoe eyelets, New Bedford, Mass.  
 Rhodes, Jamieson Co., masons' & bldrs.' matls., Alameda, Cal.  
 Rhodes, L. E., machinist, Hartford, Conn.  
 Rhodes, M. M., & Sons Co., shoe buttons, small nails, Taunton, Mass.  
 Rhodes Mfg. Co., cotton duck & canvas, Lincolnton, N. C.  
 Rhodes & Manvell, dock bldrs., 90 West, New York.  
 Rhodes, S. O., lumber, Elizabeth, Pa.  
 Rhodes Salt & Borax Co., San Francisco, Cal.  
 Rhodes, Wm. H., button molds, Cold Brook, N. Y.  
 Rhodhiss Mfg. Co., cotton sheeting, Rhodhiss, N. C.  
 Rhome Milling Co., flour, Rhome, Tex.  
 Rhyne, A. M., & Co., lbr., Avinger, Tex.  
 Rhyne Bros. Lumber Co., Cartersville, Ga.  
 "R. I." Advertising Lead Pencil Co., Rock Island, Ill.  
 Rianhard, F. Arthur, architect, Williamsport, Pa.  
 Rib Lake Lumber Co., Rib Lake, Wis.  
 Ribbeck, F. J., cornices & skylights, New Iberia, La.  
 Riblet Tramway Co., wire rope, Spokane, Wis.  
 Ric-Wil Underground Pipe Covering Co., conduits, New England Bldg., Cleveland, Ohio.  
 Ricard-Brewster Oil Co., 110 Orange, Wilmington, Del.  
 Ricardo, Geo., machinist, 22 Burling sl, New York.  
 Ricca, J. M., architect, 40 Hamburg av., Brooklyn, N. Y.  
 Ricca & Son, pianos, 89 South. blvd., New York.  
 Riccardino, A., scrap rubber, 1010 Webster, Pittsburgh, Pa.  
 Rice, A. H., Co., silk thread, Pittsfield, Mass.  
 Rice, A. L., paint mfrs., Adams, N. Y.  
 Rice, A. W., lumber, Millbury, Mass.  
 Rice & Adams, machinery, Buffalo, N. Y.  
 Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.  
 Rice, C., Packing Co., meat, Covington, Ky.  
 Rice & Co., rfg. slate mfrs., Granville, N. Y.  
 Rice, Daniel J., htg. contractors, 405 Lexington av., New York.  
 Rice & Dayton Mfg. Co., cements, Cedar Falls, Iowa.  
 Rice-Dobby Chain Co., Millbury, Mass.  
 Rice, E., elastic hosiery, St. Paul, Minn.  
 Rice, E. A., canned goods, 2230 S. La Salle, Chicago, Ill.  
 Rice, E. W., Co., architect, Brattleboro, Vt.  
 Rice, Edw. E., & Co., colors, extracts, etc., 620 Atlantic av., Boston, Mass.  
 Rice, Edw. J., & Son, plumbers, 11 Plymouth av., S., Rochester, N. Y.  
 Rice, Edw. L., Jr., Co., architects, 815 Market, Wilmington, Del.  
 Rice, F. L., & Bennett, htg. contrs., 74 Portland, Boston, Mass.  
 Rice, Frank L., Motor Co., machsts. & fndrs., East Boothbay, Me.  
 Rice, Geo. H., Co., junction boxes, 481 Sterling pl., Bklyn, N. Y.  
 Rice, H. H., Co., box shooks, South Athol, Mass.  
 Rice, Harry H., architect, Collingswood, N. J.  
 Rice & Hochester, tortoiseshell hair pins, 87 Fifth av., New York.  
 Rice, J. S. & W. M., Lbr. Co., Houston, Tex.  
 Rice, Jacob, & Sons, machinists, Kingston, N. Y.  
 Rice, James A., & Son, common brick, Roachdale, Ind.  
 Rice, Jas. H., Co., plate, glass, paint mfrs., etc., 451 St. Clair, Chicago, Ill.  
 Rice, John, machinist, Salineville, Ohio.  
 Rice, Josiah L., architect, Fort Sheridan, Ill.  
 Rice Lake Excelsior Co., Rice Lake, Wis.  
 Rice Lake Iron Works, machinists & founders, Rice Lake, Wis.  
 Rice Lake Lumber Co., Rice Lake, Wis.  
 Rice Lake Mfg. Co., sash, door & blind, Rice Lake, Wis.  
 Rice, Lawrence J., contractor, 405 Lexington av., New York.  
 Rice & Lockwood Lbr. Co., Springfield, Mass.  
 Rice, Louis P., & Co., horse collars, 230 Decatur, New Orleans, La.  
 Rice, M. P., contractor, Branford, Conn.  
 Rice, Marshall H., granite prod., Kansas City, Mo.  
 Rice & Miller Co., wholesale hardware, Bangor, Me.  
 Rice, Oran W., architect, Everett Bldg., New York.  
 Rice, P. G., & Co., contractors, 262 Washington, Boston, Mass.  
 Rice, P. J., bldg. contr., 459 Layton blvd., Milwaukee, Wis.  
 Rice & Rutledge, flour, Woodleaf, N. C.  
 Rice, T. B., & Sons Co., packing box mfrs., Mifflin St. Wharf, Philadelphia, Pa.



- Rice Veneer & Lbr. Co., Grand Rapids, Mich.  
 Rice, W. M., architect, Amarillo, Tex.  
 Rice (Wm. M.) Inst. of Technology, engng. schools & coll., Houston, Tex.  
 Rice's, Bernard, Sons, table silverware, 325 5th av, New York.  
 Rich, Arthur J., & Co., contractors, 8 S. Dearborn, Chicago, Ill.  
 Rich Bros., rattan furniture, 221 W. Pratt, Baltimore, Md.  
 Rich, Charles C., architect, Corbett Bldg., Portland, Ore.  
 Rich, Harry T., architect, 431 S. Dearborn, Chicago, Ill.  
 Rich, J., & Bros., flannels, gloves, lumbermen's socks, Woolrich, Pa.  
 Rich, J. & G., mill & facty. supplies, 126 N. 6th, Philadelphia, Pa.  
 Rich, J. W., canned goods, Deer Creek, Ill.  
 Rich, Jno. P., lime, Swanton, Vt.  
 Rich & McLean, machy. dtrs., 73 Beekman, New York.  
 Rich Mfg. Co., water gauges, lubricators, eccentric oilers, etc., 370 Atlantic av, Boston, Mass.  
 Rich & Mathesius, architects, 320 5th av, New York.  
 Rich, N. J., Co., sweaters, cardigans, Euclid & E. 61st, Cleveland, Ohio.  
 Rich, Patrick, contractor, 373 Commerce, Boston, Mass.  
 Rich Pump Co., machinists, South & Depot, Cincinnati, Ohio.  
 Rich & Putnam, landscape architects, 104 S. Warren, Syracuse, N. Y.  
 Rich-Simons-Culligan Co., lbr., 460 Cleveland av, St. Paul, Minn.  
 Rich, T. E., Co., sash, door & blind, Barre Plains, Mass.  
 Rich Tool Co., drills, reamers, etc., Railway Exchange, Chicago, Ill.  
 Rich, W. H., Son & Co., architects, Lowville, N. Y.  
 Rich, Wm. H., Jr., umbrella mfr., 164 5th av, New York.  
 Richard Auto Mfg. Co., engineers Bldg., Cleveland, Ohio.  
 Richard, L., stone, wood carvers, 110 West End av, New York.  
 Richard Mfg. Co., machy., presses, etc., Bloomsburg, Pa.  
 Richard, S. C., & Co., architects, 430 Library, Pittsburgh, Pa.  
 Richard, Stephen, Co., knives, Southbridge, Mass.  
 Richardi & Bechtold, woodenware mfrs., Bellaire, Mich.  
 Richards, A. J., & Son, masons' & bldrs.' matls., Quincy, Mass.  
 Richards, Albert J., auto. axles, springs & tops & carriages, 632 W. Jefferson, Louisville, Ky.  
 Richards, B. F., architect, 65 Main, New Haven, Conn.  
 Richards, Benj., & Co., machsts. & fndrs., Winsted, Conn.  
 Richards Brick Co., Edwardsville, Ill.  
 Richards Bros., machinists, Umbria & Pa. R. R., Manyunk, Philadelphia, Pa.  
 Richards Bros., cornices & skylights, Waldboro, Me.  
 Richards, C. Whitfield, lubricating oils & greases, drilling compounds, 1732 Carlton, Philadelphia, Pa.  
 Richards & Co., wholesale hdwe., 200 Causeway, Boston, Mass.  
 Richards & Conover Hardware Co., 5th, N. W., cor. Wyandotte, Kansas City, Mo.  
 Richards Constr. Co., Clarksburg, W. Va.  
 Richards, D. M., masons' & bldrs.' matls., Kettle Falls, Wash.  
 Richards, D. W., architect, 215 S. 2d, Cedar Rapids, Ia.  
 Richards, Dexter, & Sons Co., flannels, woolen, Newport, N. H.  
 Richards Dredging Co., Real Estate Trust Bldg., Phila., Pa.  
 Richards, E. V., architect, Bennettsville, S. C.  
 Richardson, E. W., & Co., mill & factory supplies, 2029 Frankford, Philadelphia, Pa.  
 Richards, Fred J., mattresses, mops, cotton waste, etc., Springfield, Mass.  
 Richards & Gaston, contractors, 143 Liberty, New York.  
 Richards, H. C., gas engines, mill & facty. supplies, Manitowoc, Wis.  
 Richards, H. H., Lumber Co., West Haven, Conn.  
 Richards, Henry, architect, Gardiner, Me.  
 Richards, Henry H., architect, 327 S. La Salle, Chicago, Ill.  
 Richards & Hirschfeld, Inc., machinery dealers, 50 Church, New York.  
 Richards, I. P., Co., boilermakers' punches, etc., 23 Pemberton, Providence, R. I.  
 Richards Iron Works, machsts. & fndrs., Manitowoc, Wis.  
 Richards, J. A., machinist, Albion, Mich.  
 Richards, J. R., diamond drilling, Indiana, Pa.  
 Richards, John R., granite, Quincy, Mass.  
 Richards & Kelly Mfg. Co., vault & sidewalk lights, 309-311 W. 23d, Chicago, Ill.  
 Richards, L. W., cornices & skylights, Memphis, Tenn.  
 Richards, McCarty & Bulford, architects, Hartman Bldg., Columbus, Ohio.  
 Richards Mach. Co., 3417 Vliet, Milwaukee, Wis.  
 Richards-Neustadt Construction Co., Wright & Callender Bldg., Los Angeles, Cal.  
 Richards, O. S., packing box mfrs., 87 34th, Brooklyn, N. Y.  
 Richards, R., & Sons Co., contractors, 246 Elizabeth, Utica, N. Y.  
 Richards, S. C., & Co., architects, Braddock, Pa.  
 Richards, Samuel, brick & tile, New London, O.  
 Richards Trunk Mfg. Co., 200 W. Mulberry, Baltimore, Md.  
 Richards, W. B., Jr., contractor, 2026 McClelland, Salt Lake City, Utah.  
 Richards, Walter W., buttons, Muscatine, Ia.  
 Richards-Wilcox Mfg. Co., doors, hangers & hardware specialties, Aurora, Ill.  
 Richards, Wm. G., architect, 17 Exchange, Providence, R. I.  
 Richards, Wm. P., architect, 112 Water, Boston, Mass.  
 Richardson, A. Edw., architect, 100 Amity, Flushing, N. Y.  
 Richardson, A. G., architect, 9 Cornhill, Boston, Mass.  
 Richardson, A. H., Lumber Co., 176 Federal, Boston, Mass.  
 Richardson, A. W., architect, 941 Church, San Francisco, Cal.  
 Richardson Ball Bearing Skate Co., 154 E. Erie, Chicago, Ill.  
 Richardson, Barott & Richardson, architects, 31 State, Boston, Mass.  
 Richardson & Bottomley, mchsts. & fndrs., West Mansfield, Mass.  
 Richardson & Boynton Co., mchsts. & fndrs., 31 W. 31st, New York.  
 Richardson Bros., carriages, Richmond, Va.  
 Richardson & Burgess, contractors, Colorado Bldg., Washington, D. C.  
 Richardson, C., architect, Moscow, Idaho.  
 Richardson & Clement, htg. contrs., 20 Union, Boston, Mass.  
 Richardson Co., cornices, Hohawk, N. Y.  
 Richardson & Co., second hand ry. equipments, Bessemer Bldg., Pittsburgh, Pa.  
 Richardson Co., lumber, 320 Marken, San Francisco, Cal.  
 Richardson Cypress Lumber & Shingle Co., Bucksport, S. C.  
 Richardson, Dana & Co., lumber, Portland, Me.  
 Richardson Drug Co., glass, Omaha, Neb.  
 Richardson & Dutt, sash, door & blind mfrs., 789 3d av, New York.  
 Richardson, E., Co., lumber mfrs., Saginaw, Mich.  
 Richardson, E. E., contractor, Norfolk, Va.  
 Richardson, Edro, Brass Co., mchsts. & fndrs., 318 N. Holliday, Baltimore, Md.  
 Richardson Engng. & Mfg. Co., auto. charging sets, Hartford, Conn.  
 Richardson, Ernest F., contractor, Dunkirk, N. Y.  
 Richardson, F. W., masons' & bldrs.' matls., Owego, N. Y.  
 Richardson, Frank M., Co., contractors, Jacksonville, Fla.  
 Richardson, G. W., masons' & bldrs.' matls., Clarinda, Ia.  
 Richardson, Geo. O., Machy. Co., St. Joseph, Mo.  
 Richardson, Geo. W., slide rules, 4212 W. 24th pl, Chicago, Ill.  
 Richardson, H. W., & Son, machinists, Warwick, N. Y.  
 Richardson, J. B., & Son, lumber mfrs., Brewersville, Ind.  
 Richardson, J. D., & Son, flour mills, White Mills, Ky.  
 Richardson, J. Edward, architect, Dover, N. H.  
 Richardson, J. Wilson, contractor, Equitable Bldg., Baltimore, Md.  
 Richardson, Jason F., Jr., architect, Ottawa, Ill.  
 Richardson, Jno., machinist, Corning, Ohio.  
 Richardson, Jos. B., & Sons, masons' & bldrs.' matls., Trenton, N. J.  
 Richardson-Lee & Co., mill & facty. supplies, wholesale hardware, Vicksburg, Miss.  
 Richardson-Lovejoy Engng. Co., dry kilns, Columbus, Ohio.  
 Richardson Lubricating Co., Quincy, Ill.  
 Richardson Lumber Co., Alpena, Mich., & Florence, Ala.  
 Richardson Mfg. Co., pie plates, Bath, N. Y.  
 Richardson Mfg. Co., anvil & vise combined, Worcester, Mass.  
 Richardson Mfg. Co., agricultural implements, Worcester, Mass.  
 Richardson, Orville H., lumber, Montpelier, Vt.  
 Richardson, P. B., masons' & bldrs.' matls., Trenton, N. J.  
 Richardson Paper Co., Wyoming & Cooper av, Lockland, Ohio.  
 Richardson-Phenix Co., lubricating apparatus, 122 Reservoir av, Milwaukee, Wis.  
 Richardson Piano Case Co., Leominster, Mass.  
 Richardson, R. E., ties, poles & posts, Talleyville, Va.  
 Richardson, R. E., & Co., lumber, West Point, Va.  
 Richardson, R. H., & Son, brick, Hampton, Va.  
 Richardson, R. R., & Co., contractors, Norfolk, Va.  
 Richardson & Robbins Co., canned goods, Dover, Del.  
 Richardson & Ross Quarry Co., granite & stone producers, Penna. Bldg., Philadelphia, Pa.  
 Richardson Sand Co., 6647 Ridge av, Chicago, Ill.  
 Richardson Scale Co., Passaic, N. J.  
 Richardson Silk Co., thread, Belding, Mich.  
 Richardson, T. P., canned goods, Boone Mills, Va.  
 Richardson, W. H., lumber mfrs., St. Louis, Mo.  
 Richardson, W. H., & Co., whosale hardware, Austin, Tex.  
 Richardson, W. P., & Co., contractors, Jacksonville, Fla.  
 Richardson, W. R., canned goods, Troutville, Va.  
 Richardson, W. T., & Co., canned goods, Rising Sun, Md.  
 Richardson, Wm. Symmes, architect, 101 Park av, New York.  
 Richardson, Wright & Co., bedstead mfrs. & hospital furniture, 65 Beverly, Boston, Mass.  
 Richardson & Yost, architects, Rockefeller Bldg., Cleveland, O.  
 Riche, M. L., & Co., contractors, Seattle, Wash.  
 Riches, Piver & Co., oxide of iron, 30 Church, New York.  
 Richeson, Nelson & Moore, brick, Greenville, Ohio.  
 Richey, Browne & Donald, architectural & ornamental iron works, 2101 Flushing av, Maspeth, N. Y.  
 Richey, Halstead & Quick, lbr., 702 Traction Bldg., Cincinnati, O.  
 Richholt Bros., brick, Holgate, Ohio.  
 Richie, Crawford Co., belting mfrs., 414 N. 3d, Phila., Pa.  
 Richie, Wm. H., landscape architect, 41 S. 15th, Phila., Pa.  
 Richland Canning Co., Brighton, Ia.  
 Richland Cotton Oil Co., Richland, Ga.  
 Richland Handle Co., Butler, Ohio.  
 Richland Home Mixture Guano Co., Richland, Ga.  
 Richmond, Andrew, & Son, contrs., 541 Wood, Pittsburgh, Pa.  
 Richmond & Backus Co., loose leaf devices, 111 Woodward av, Detroit, Mich.  
 Richmond Brick Co., 50 Church, New York.  
 Richmond Broom Co., broom mfrs., Richmond, Va.  
 Richmond Bros., paint mfrs., 117 E. 6th, Cincinnati, Ohio.  
 Richmond Bros. Co., metal nov. & spec., 177 Chestnut, Newark, N. J.



- Richmond Carriage Works, Richmond, Ky.  
 Richmond Casket Co., Richmond, Ind.  
 Richmond Cedar Works, candy & foundry pails, lumber mfrs., woodenware & novelties mfrs., Fulton, Richmond, Va.  
 Richmond, Chas. H., contractor, 321 W. 3d, Los Angeles, Cal.  
 Richmond Cotton Oil Co., Memphis, Tenn.  
 Richmond-Dewey Co., masons' & bldrs.' matls., Pontiac, Mich.  
 Richmond Distilling Co., Richmond, Va.  
 Richmond Elec. Works, mchsts. & fndrs., McDonough, Richmond, Va.  
 Richmond, F. C., Machinery Co., Salt Lake City, Utah.  
 Richmond Forgings Corp., Richmond, Va.  
 Richmond Foundry & Mfg. Co., foundry, Richmond, Va.  
 Richmond, Geo. H., brick, Rock Island, Ill.  
 Richmond Guano Co., fertilizer mfrs., Richmond, Va.  
 Richmond Hardware Co., 15th & Cary, Richmond, Va.  
 Richmond Hill Fdry. Co., Richmond Hill, N. Y.  
 Richmond & Holmes, tubular boilers, St. John, Mich.  
 Richmond Iron Works, blast furnaces, Richmond Furnace, Mass.  
 Richmond & Kemp, archl. iron, 21st & Washington, Phila., Pa.  
 Richmond, Knight C., mill engr., 10 Weybosset, Providence, R. I.  
 Richmond Leather Mfg. Co., belting mfrs., Richmond, Va.  
 Richmond Lumber Co., Richmond, Ky., & Vt.  
 Richmond Mfg. Co., mchsts. & fndrs., Lockport, N. Y.  
 Richmond Mica Co., Richmond, Va.  
 Richmond Paper Mfg. Co., Richmond, Va.  
 Richmond Pressed Metal Works, Inc., trunk hardware mfrs., Richmond, Va.  
 Richmond Radiator Co., mchsts. & fndrs., 1480 B'way, New York.  
 Richmond, Robt. P., paper & pulp mills, Valatie, N. Y.  
 Richmond Roller Mills, flour, Richmond, Ind.  
 Richmond Safety Gate Co., Richmond, Ind.  
 Richmond Sand & Gravel Co., Richmond, Va.  
 Richmond School Furniture Co., Muncie, Ind.  
 Richmond Screw Anchor Co., expansion bolts, Pulitzer Bldg., New York.  
 Richmond Slate Co., Arvon, Va.  
 Richmond Stay-Bolt Drilling Mach. Mfg. Co., Richmond, Va.  
 Richmond Stove Co., stove mfrs., Richmond, Va.  
 Richmond Structural Steel Co., 18th & Dock, Richmond, Va.  
 Richmond Trunk Mfg. Co., Richmond, Va.  
 Richmond Water Softener Co., Richmond, Ind.  
 Richmond Woodworking Co., coffins, caskets, etc., Richmond, Va.  
 Richter, A. A., architect, 6th & Court, Reading, Pa.  
 Richter, A. G., arch'l iron, 316 av A, New York.  
 Richter, C. G., & Co., ladders, Spokane, Wash.  
 Richter, Chas. A., contractor, Bay City, Mich.  
 Richter, Chas. H., architect, 68 Broad, New York.  
 Richter & Co., mchsts. & fndrs., 210 E. 9th, Cincinnati, Ohio.  
 Richter, Gustav F., surgical & dental insts., 855 De Kalb av, Brooklyn, N. Y.  
 Richter, H. F., Mach. Works, Los Angeles, Cal.  
 Richter, J. F., mchsts. & fndrs., Wahpeton, N. Dak.  
 Richter, Joseph, contractor, 863 Glenwood av, Buffalo, N. Y.  
 Richter, Julius, lumber, Chesaw, Wash.  
 Richter, Louis, sweaters, cardigans, etc., 617 S. 4th, Phila., Pa.  
 Richter Mfg. Co., buckram, burlap, book cloth, Tenafly, N. J.  
 Richter, Otto F., cornices & skylights, Holyoke, Mass.  
 Richter, R. E., & Son, contractors, San Antonio, Tex.  
 Richmond Clay Co., Richmond, Ohio.  
 Rickard, G. W., fertilizer mfr., Medina, Ohio.  
 Rickard, Ira D., machst. & fndr., Cobleskill, N. Y.  
 Rickard & Sloan, advtg. counsellors, 20 Vesey, New York.  
 Ricker, E., & Son Co., stone, Cambridge, Mass.  
 Ricker, L. H., brick, Chilton, Wis.  
 Ricker Mfg. Co., manhole junction boxes, hay carriers, etc., 239 N. Water, Rochester, N. Y.  
 Ricker, T. H., & Sons Co., machsts. & fndrs., Harrison, Me.  
 Rickersberg Brass Co., machsts. & fndrs., Perkins & E. 37th, Cleveland, Ohio.  
 Rickerson & Co., masons' & bldrs.' matls., Troy, N. Y.  
 Rickert, M. H., cornices, 2635 W. Madison, Chicago, Ill.  
 Rickert-Shafer Co., die heads & tapping machines, 618 W. 12th, Erie, Pa.  
 Rickert's Rice Mills, 210 Girod, New Orleans, La.  
 Rickert, C. W., architect, Bremen, Ohio.  
 Ricketson Mineral Paint Wks., S. Bay, Milwaukee, Wis.  
 Ricketson & Schwarz, masons' & bldrs.' matls., 111 Mason, Milwaukee, Wis.  
 Ricketts, B. W., wholesale hardware, Coshocton, Ohio.  
 Ricketts & Bartlett Range Co., 319 W. Randolph, Chicago, Ill.  
 Ricketts & Co., chemical engrs., 80 Maiden la, New York.  
 Rickless, A., & Co., buffing wheels, Chelsea, Mass.  
 Rickman Contraction Co., Kalamazoo, Mich.  
 Rickrise, Thos. S., architect, 105 Audubon av, New York.  
 Ricks Bros., lumber & canned goods, Reynolds, Ga.  
 Ricks-Neisler Fertilizer Co., Reynolds, Ga.  
 Riddell Bros., machinists & founders, Atlanta, Ga.  
 Riddiford Bros., fdry. brushes, 30 S. 5th av, Chicago, Ill.  
 Riddle Coach & Hearse Co., carriages, Ravenna, Ohio.  
 Riddle Co., sash, door & blind, plate & window glass mfrs., Nashville, Tenn.  
 Riddle, F. C., & Bro., Casket Co., 1400 Hogan, St. Louis, Mo.  
 Riddle, Frank D., machinist & founder, Caro, Mich.  
 Riddle-Rehbein Mfg. Co., sash, door & blind mfrs., 13th & O'Fallon, St. Louis, Mo.  
 Riddle & Riddle, architects, 122 S. Michigan av., Chicago, Ill.  
 Riddle & Shields, contractors, Bellingham, Wash.  
 Ridenbaugh, W. H., masons' & bldrs.' matls., Boise, Idaho.  
 Rider, A. J., contrs.' tents, Syracuse, N. Y.  
 Rider-Bagg Co., brass & bronze founders & coppersmiths, Springfield, Mass.  
 Rider-Ericsson Engine Co., machsts. & fndrs., 20 Murray, New York.  
 Rider Packing Co., canned goods, Crothersville, Ind.  
 Rider, Wm. E., & Co., grate bar mfrs., Mansfield, Mass.  
 Rider, Wm. W., brick, Athens, N. Y.  
 Ridersville Canning Co., Ridersville, W. Va.  
 Ridge Bros. Co., contractors, 407 4th av, Pittsburgh, Pa.  
 Ridge Spring Oil Mill, meal, Ridge Spring, S. C.  
 Ridgeley Trimmer Co., knives, tools, etc., Springfield, Ohio.  
 Ridgely Bros., contractors, 733 Jackson, New Orleans, La.  
 Ridges Food Co., 2080 Washington, Boston, Mass.  
 Ridgeview Sand Co., Oil City, Pa.  
 Ridgeville Tile & Brick Co., Ridgeville, Ind.  
 Ridgeway, J. A., architect, 861 W. Rich, Columbus, Ohio.  
 Ridgeway, Jas. B., file & rasp mfrs., Gorham, Me.  
 Ridgeway, Wilbur J., masons' & bldrs.' matls., Roselle Park, N. J.  
 Ridgewell & Hall, machsts. & fndrs., Norfolk, Va.  
 Ridgewood Iron Wks., architect'l & ornamental iron, 1604 De Kalb av, Brooklyn, N. Y.  
 Ridgway, B., & Son, stone producers, Meshoppen & N. 9th & Columbia av, Philadelphia, Pa.  
 Rodgway Brick Co., Ridgway, Pa.  
 Ridgway, Craig, & Son Co., elevator mfrs., Coatesville, Pa.  
 Ridgway Dynamo & Engine Co., Ridgway, Pa.  
 Ridgway Furnace Co., 80 Beverly, Boston, Mass.  
 Ridgway Mach. Co., Ridgway, Pa.  
 Ridgway Mfg. Co., mill & facty. supplies, Ridgway, Pa.  
 Ridgway Sand & Stone Co., Ridgway, Pa.  
 Ridington, A. Blair, architect, 5922 Cates av, St. Louis, Mo.  
 Ridley, Geo. B., & Sons, cornices & skylights, Brunswick, Me.  
 Ridlon, Frank Co., dtrs. & reprs. electrical apparatus, 261 Franklin, Boston, Mass.  
 Ridman, T. V., & Son, canned goods, Preston, Md.  
 Ridway Refrigerator Co., 3519 N. Lawrence, Philadelphia, Pa.  
 Riebe Green Soap Co., Seattle, Wash.  
 Riebe, Herman, Co., contractors, Lansford, Pa.  
 Riebel & Sons, architects, 1st Nat. Bk. Bldg., Columbus, Ohio.  
 Riebenack, William B., architect, Atlantic City, N. J.  
 Rieber, L., & Co., children's carriages, 16 N. 4th, Phila., Pa.  
 Rieboldt, Wolter, & Co., ship builders, Sturgeon Bay, Wis.  
 Riechman-Crosby Co., mill & facty. supplies, Memphis, Tenn.  
 Rieck Sheet Metal Co., cornices, Monument & Taylor, Dayton, Ohio.  
 Riedel, J. M. E., architect, Schmitz Blk., Fort Wayne, Ind.  
 Riedel & Sons Mfg. Co., brass founders, New Brighton, Pa.  
 Rieg, Anton, architect, 2554 Vine, Cincinnati, Ohio.  
 Riege, Archer, Co., enameled & magnet wire, 4317 Griscom, Philadelphia, Pa.  
 Rieger, Chas. J., architect, Germania Bk. Bldg., Pittsburgh, Pa.  
 Riehl, H., & Son, machinists, 1130 Orianna, Philadelphia, Pa.  
 Riehle Bros. Testing Machine Co., Philadelphia, Pa.  
 Riehm Knitting Mills, sweaters, etc., Adams & Unity, Frankfurt, Philadelphia, Pa.  
 Riele Bros., canned goods, Blue Ridge Springs, Va.  
 Rieley Bros., contractors, 348 Arcade, Cleveland, Ohio.  
 Riemeier Lumber Co., Sumner nr. Gest, Cincinnati, Ohio.  
 Riemenschneider, Emil R., architect, 987 9th, Milwaukee, Wis.  
 Riemeier, A. H., Shoe Co., 431 29th, Milwaukee, Wis.  
 Riemeier, Albert H., Shoe Co., 431 29th, Milwaukee, Wis.  
 Riemeier, Otto, contractor, 63 French, Buffalo, N. Y.  
 Rieppel, Jno., machst. & fndr., Cowanesque, Pa.  
 Ries & Fink, machsts. & fndrs., Houston, Tex.  
 Ries & Hoelzel, traveling bags, 1020 Race, Philadelphia, Pa.  
 Rieseck Iron Works, steel, structural, 1201 Metropolitan, Pittsburgh, Pa.  
 Riesen, Arthur W., contractor, University Bldg., Milwaukee, Wis.  
 Riesenman Mfg. Co. (Ltd.), oils, paints, varnishes, etc., Franklin, Pa.  
 Riesens, Paul, Sons, contractors, 1018 Humboldt av, Milwaukee, Wis.  
 Rieser, Ely J., & Co., interior hardwood wk., 1st av & 28th, New York.  
 Rieser, Solon J., architect, 334 E. 23d, New York.  
 Riesmeyer, G., Dist. Co., 1324 Franklin av, St. Louis, Mo.  
 Riesner, Bernard A., machst. & fndr., Houston, Tex.  
 Riess Light & Fixture Co., 415 Main, Cincinnati, Ohio.  
 Riessner, T., bronze powder, Gold & Ann, New York.  
 Riester & Rubach, architects, 412 E. Missouri av, East St. Louis, Ill.  
 Riester & Thesmacher Co., cornices, 1512 W. 25th, Cleveland, O.  
 Rietbrock Land & Lbr. Co., 700 Cedar, Milwaukee, Wis.  
 Rife, A. W. & J., Co., brick & tile, Good Hope, Ohio.  
 Rife Hydraulic Engine & Mfg. Co., 90 West, New York.  
 Riffe, David T., contractor, Keenan Bldg., Pittsburgh, Pa.  
 Riffe & Schoppert, machinists & founders, Waynesboro, Va.  
 Rigby, Ben, heating contractor, 545 W. Lake, Chicago, Ill.  
 Rigby, H., mill & facty. supplies, Paterson, N. J.  
 Rigby, James, & Son, flour mills, Cambria, Va.  
 Riger Constr. Co., 489 5th av, New York.  
 Rigg, A. G., architect, Peyton Bldg., Spokane, Wash.  
 Riffin, R., & Bro., canned goods, Crisfield, Md.



Riggs & Bro., binnacles, chronometers, instruments, etc., 310 Market, Philadelphia, Pa.  
Riggs Cypress Co., Ltd., Patterson, La.  
Riggs, Distler & Stringer, heating contractors, 25 Light, Baltimore, Md.  
Riggs, Geo. H., stone, Newport, R. I.  
Riggs, J. S., architect, Hutchinson, Kan.  
Riggs, John T., architect, 105 W. 40th, New York.  
Righetti, P., architect, Phelan Bldg., San Francisco, Cal.  
Rightbower, Frank, brick, Fremont, Neb.  
Righter, Geo. W., machinist, Radnor, Pa.  
Righter, J. C., cornices, Salem, N. J.  
Righter & Kolb, decorative architects, 420 Madison av, New York.  
Rightmire, B. W., lumber, Morgantown, W. Va.  
Rigling, Wm., Egg Tester & Mfg. Co., Hamilton, Ohio.  
Riker, J. L. & D. S., caustic soda, potash, etc., 19 Cedar, New York.  
Rikerd Lumber Co., hardwood doors, Lansing, Mich.  
Riley, Benj. F., mill & facty. supplies, Chester, Pa.  
Riley Bros., auto. windshields, Bridgeton, N. J.  
Riley, C. E., Co., tex. machy., supplies, etc., 65 Franklin, Boston, Mass.  
Riley, Frank M., architect, Madison, Wis.  
Riley & French, silver novelties, North Attleboro, Mass.  
Riley, J. M., bldg. contractor, Cambridge, Mass.  
Riley, John F., machst. & fndr., Charleston, S. C.  
Riley, John J., Co., machsts. & fndrs., Van Brunt, Bklyn, N. Y.  
Riley-Klotz Mfg. Co., machsts. & fndrs., 17 Mulberry, Newark, N. J.  
Riley Mach. Wks., machsts. & fndrs., 192 24th, Brooklyn, N. Y.  
Riley Packing Co., canned goods, Farmington, Del.  
Riley, Sanford, Stoker Co., Worcester, Mass.  
Riley, W. H., architect, El Reno, Okla.  
Riley, Wm., & Co., carriage robes, steamer rugs, etc., 238 Chestnut, Philadelphia, Pa.  
Riley, Wm. F., Const. Co., contrs., Victoria Bldg., St. Louis, Mo.  
Riley, Wm. H., & Son, harness, Bryan, Ohio.  
Riley's Dry Dock Co., ft. Mechanic, Buffalo, N. Y.  
Rill, Harry J., architect, 54 Ruhl Bldg., Detroit, Mich.  
Rilling, J. E., & Co., furniture for public bldgs., 295 S. Water, Milwaukee, Wis.  
Rimer & Byers, contractors, 1210 Harrison, Philadelphia, Pa.  
Rimmon Eyelet Co., Seymour, Conn.  
Rinaker, Jno. I., architect, Ridgely Bank Bldg., Springfield, Ill.  
Rinald Bros., enamels, paints, etc., 1142 N. Hancock, Phila., Pa.  
Rinaldi Tile Co., floor mosaics, 263 Atlantic av, Boston, Mass.  
Rinck, Chas., & Bro., oven bldrs., 826 Oliver, Cincinnati, Ohio.  
Rinck, Jno. G., oven bldr., Williams & Colerain, Cincinnati, Ohio.  
Rincon Foundry Co., 351 7th, San Francisco, Cal.  
Rinderman, Henry V., architect, 1031 Co. Blvd., New York.  
Rinehart Bros., contractors, East Liverpool, Ohio.  
Rinehart, Daniel, whol. hdwe., Waynesboro, Pa.  
Rinehart Harness Co., 18 E. 24th, Chicago, Ill.  
Rinehimer Bros. Mfg. Co., lumber, Elgin, Ill.  
Rinek Cordage Co., Easton, Pa.  
Riney, Thos. D., & Co., contractors, Decatur, Ill.  
Rineyville Roller Mills Co., flour, Rineyville, Ky.  
Ring, Edward D., contractor, Montclair, N. J.  
Ring, F. G., architect, 280 N. Broad, Elizabeth, N. J.  
Ring & Konneke, arch'l iron, 525 W. 24th, New York.  
Ringene Stove Co., 827 Chouteau av, St. Louis, Mo.  
Ringer, C. F., & Son, architects, 106 Mason, Milwaukee, Wis.  
Ringer, J. G., architect, Steiner Bldg., Birmingham, Ala.  
Ringer Stove Co., 827 Chouteau av, St. Louis, Mo.  
Ringle Brick Co., Wausau, Wis.  
Ringle, Jacob, & Son, cornices, 83 Newark av, Jersey City, N. J.  
Ringle Roofing & Plumbing Co., 83 Newark av, Jersey City, N. J.  
Ringler, F. A., Co., embossing dies, 39 Barclay, New York.  
Ringrose, R., & Son, contractors, 320 Market, San Francisco, Cal.  
Ringsmith, Chas. R., architect, 120 B'way, New York.  
Ringwait Linoleum Wks., New Brunswick, N. J.  
Ringwald, F. A., sash, door & blind mfrs., 39 S. La Salle, Chicago, Ill.  
Ringwald, W. H., & Son, heating contrs., Chillicothe, Ohio.  
Rinhart, H. M., & Co., contractors, Calvert Bldg., Baltimore, Md.  
Rinie, Geo. M., Hdwe. Co., 2101 Gravois av, St. Louis, Mo.  
Rink & Schnell, contractors, Clinton, Ia.  
Rinn, Philip, Co., sash, door & blind mfrs., Division & Crosby, Chicago, Ill.  
Rinshed-Gagnier Paint Co., 60 Congress E., Detroit, Mich.  
Rio Grande Hardware & Machinery Co., Mercedes, Tex.  
Rio Grande Packing Co., canned goods, 120 Spruce, Phila., Pa.  
Riordan, G. C., & Co., glass stainers, etc., 313 Walnut, Cincinnati, Ohio.  
Riordan Leather Co., 252 South, Newark, N. J.  
Riordan, T. G., Mfg. Co., razor strops, 3943 Lincoln av, Chicago, Ill.  
Ripley, B. W., ties, poles & posts, 30 N. La Salle, Chicago, Ill.  
Ripley & Bartlett, tacks, nails, Plymouth, Mass.  
Ripley Brick Co., Ripley, Ohio.  
Ripley, C. S., fndr., So. Union, Me.  
Ripley & Co., glass tumblers, 123 7th, Pittsburgh, Pa.  
Ripley, D., & Sons, lbr. packing box mfrs., 77 Commercial, Newark, N. J.  
Ripley, David, contractor, New Brighton, N. Y.  
Ripley & Davis, architects, Honolulu, Hawaii.

Ripley Fdry. & Machine Co., Ripley, Ohio.  
Ripley Lumber Co., Poultney, Vt.  
Ripon Canning Co., Ripon, Wis.  
Ripon Knitting Works, lumbermen's socks, Ripon, Wis.  
Ripon Veneer & Box Works, sash, door & blind, Ripon, Wis.  
Rippel, Henry S., contractor, Monford av & Chase, Balto., Md.  
Ripple, S. A., & Bros., broom mfrs., Baltimore, Md.  
Rippley Mfg. & Steel Boat Co., camp stoves, Grafton, Ill.  
Ripson, Wm., & Son, agricultural implements, Youngstown, N. Y.  
Ripton, M. H., contractor, Rochester, N. Y.  
Ripy Bros. Distilling Co., Lawrenceburg, Ky.  
Ripy, J. W., & Son, sash, door & blind mfrs., Ft. Worth, Tex.  
Risbridger Fillet Co., 5415 St. Clair av, Cleveland, Ohio.  
Rischard, John, masons' & bldrs.' matls., Wahpeton, N. D.  
Rische, Chas. H., architect, 2227 Grand av, Milwaukee, Wis.  
Risdon Tool & Machine Co., machsts. & fndrs., Naugatuck, Conn.  
Riser & Moulding Co., iron stair bldrs., Thomas & Stewart av, Brooklyn, N. Y.  
Rish, W. H., heating contr., Port Yakima, Wash.  
Rishel, J. K., Furn. Co., asbestos table mats, Williamsport, Pa.  
Rising, B. D., Paper Co., Housatonic, Mass.  
Rising & Nelson Slate Co., roofing slate, West Pawlet, Vt.  
Rising & Thorne, mill & facty. supplies—wholesale hdwe., 475 Broad, Newark, N. J.  
Risinger Bros., lamps, East Liverpool, Ohio.  
Risinger, Thos., mill & facty. supplies, masons' & bldrs.' matls., Carlisle, Ind.  
Risinger, W. A., architect, Elwood, Ind.  
Risley, C. V., lumber, Phila. Bourse, Philadelphia, Pa.  
Risser, A., & Co., masons' & bldrs.' matls., Paris, Ill.  
Risser, C., & Co., architects, Amarillo, Tex.  
Risser, D. R., masons' & bldrs.' matls., Vaughnsville, Ohio.  
Rissman, Maurice B., architect, 122 S. Michigan av, Chicago, Ill.  
Rissmann, Paul A., architect, Elyria, O., & Lorain, Ohio.  
Ritchie, E. S., & Sons, nautical & wireless instruments, etc., Brookline, Mass.  
Ritchie, F. R., & Co., contrs., Chronicle Bldg., San Fran., Cal.  
Ritchie, G., & Sons, machsts., Battle Creek, Mich.  
Ritchie, Geo. B., & Co., cattle, goat & horse hair, 57 Ferry, New York.  
Ritchie, Geo. W., architect, Leader-News Bldg., Cleveland, O.  
Ritchie, Jas. H., architect, 8 Beacon, Boston, Mass.  
Ritchie, John C., contractor, Wilkes-Barre, Pa.  
Ritchie, W. A., architect, Lindelle blk., Spokane, Wash.  
Ritchie, W. C., & Co., paper cans, 400 S. Green, Chicago, Ill.  
Ritchie, Wm., Co., contractors, 115 Bishop, New Haven, Conn.  
Rite-Lite Shaving Glass Co., shaving mirrors, Syracuse, N. Y.  
Riter Bros. & Co., ventilator mfrs., 1022 Race, Philadelphia, Pa.  
Riter-Conley Co., steel construction, Pittsburgh, Pa.  
Ritger Excelsior Pottery Co., 495 N. 5th, Newark, N. J.  
Rittenhouse, A. E., Co., comealongs or wire pullers, conduit benders, stretchers, etc., Honeoye Falls, N. Y.  
Rittenhouse Bros., columns, Cadiz, Ohio.  
Rittenhouse, C. C., architect, Wilcox Bldg., Los Angeles, Cal.  
Rittenhouse & Embree Co., lumber mfrs., 3500 S. Racine av, Chicago, Ill.  
Rittenhouse, Fleury Co., machsts., 316 N. Holliday, Balto., Md.  
Rittenhouse, Frank, machst., Norristown, Pa.  
Rittenhouse, J. F., agricultural implmts, Liberty Mills, Ind.  
Rittenhouse, John C., ties, poles & posts, Sheboygan, Mich.  
Rittenhouse, Wm. H., machst., Norristown, Pa.  
Ritter & Bates, architects, Portsmouth, Ohio.  
Ritter Dental Mfg. Co., dental equipment, Rochester, N. Y.  
Ritter, H. W., Co., architects, Clarksville, Tenn.  
Ritter, J. F., machinist, Abbeville, La.  
Ritter, Leonard, masons' & bldrs.' matls., Saint Marys, Pa.  
Ritter Mach. Co., 2310 E. Tioga, Philadelphia, Pa.  
Ritter, P., lumber, Belleville, Ohio.  
Ritter, P. J., Conserve Co., 2219 Frankford, Philadelphia, Pa.  
Ritter, Richard H., machst. & fndr., Sedalia, Mo.  
Ritter, Verus T., architect, Huntington, W. Va.  
Ritter, W. M., Lbr. Co., 115 E. Rich, Columbus, Ohio.  
Ritterbush, S. G., architect, Camden, Me.  
Rittler Box Co., shooks, 621 S. Caroline, Baltimore, Md.  
Rittman Tile & Clay Co., Rittman, Ohio.  
Ritty, A. E., Canning Co., Dayton, Ohio.  
Ritzert, Oliver, architect, Callahan Bk. Bldg., Dayton, Ohio.  
Ritzville Flouring Mills, Ritzville, Wash.  
Ritzwoller, M. H., Co., cooperage stock, 2119 W. 48th & Hoyne av, Chicago, Ill.  
Ritzwoller, Oliver Co., fuel level indicators, 166 W. Lake, Chicago, Ill.  
R-I-V Co., ball bearings, 1765 B'way, New York.  
Rivenes, Brynjulf, architect, Miles City, Mont.  
River Furnace Co., blast furnaces, 4002 Dille av, Cleveland, O.  
River & Harbor Improvement Co., contrs., Mariner & Merchant Bldg., Philadelphia, Pa.  
River Raisin Paper Co., Monroe, Mich.  
River Sand Co., Niagara Falls, N. Y.  
Riverdale Canning Co., Ogden, Utah.  
Riverdale Cotton Mills, West Point, Ga.  
Riverhead Agricultural Wks., Riverhead, N. Y.  
Riverside Acid Works, Warren, Pa.  
Riverside Boiler Wks., Cambridge, Mass.  
Riverside Brass Wks., Richmond, Ind.  
Riverside Brick Co., Charlotte, N. C.  
Riverside Brick & Mfg. Co., Hattiesburg, Miss.



- Riverside Bridge Co., steel structural wk., 3d & Walnut, Wheeling, W. Va.  
 Riverside Canning Co., Hamburg, Ia.  
 Riverside Carriage Co., Warren, Ohio.  
 Riverside Contracting Co., 39 Cortlandt, New York.  
 Riverside & Dan River Cotton Mills, cotton sheetings, Danville, Va.  
 Riverside Fibre & Paper Co., Appleton, Wis.  
 Riverside Fdry. Co., Wrightsville, Pa.  
 Riverside Fdry. & Galvanizing Co., Kalamazoo, Mich.  
 Riverside Fuel & Supply Co., masons' & bldrs.' matls., Fremont, Ohio.  
 Riverside Iron Wks., machsts. & fndrs., 106th & Buffalo, Chicago, Ill., and Charleston, S. C.  
 Riverside Lime & Stone Co., Chicago, Ill.  
 Riverside Lumber Co., Knoxville, Tenn.  
 Riverside Mach. Wks., Kokomo, Ind.  
 Riverside Mfg. Co., mattresses, Moultrie, Ga.  
 Riverside Mfg. Co., orchard heaters, Riverside, Cal.  
 Riverside Mfg. Co., fndrs., 162 Riverside av, Newark, N. J.  
 Riverside Metal Co., fndrs., Riverside, N. J.  
 Riverside Metal Refining Co., babbitt metal, Connellsville, Pa.  
 Riverside Mill Co., flour, Reno, Nev., & Shelbyville, Tenn.  
 Riverside Mills, bags & bagging, Augusta, Ga.  
 Riverside Mills, flour, Nashville, Tenn.  
 Riverside Oil Co., gasoline refiners, Benedun Tress Bldg., Pittsburgh, Pa.  
 Riverside Paper Mfg. Co., Glastonbury, Conn.  
 Riverside Portland Cement, Mills Bldg., San Francisco, Cal.  
 Riverside Printing Co., advtg. nov. & spec., Port Huron, Mich.  
 Riverside Pulp Co., Skowhegan, Me.  
 Riverside Pulp & Paper Co., Ballston Spa, N. Y.  
 Riverside Scrap Iron & Metal Co., 2580 Jefferson av, W. Detroit, Mich.  
 Riverside Steel Casting Co., Plank rd, Newark, N. J.  
 Riverton Canning Co., Riverton, Utah.  
 Riverton Co., paper & pulp mill, Riverton, Conn.  
 Riverton Lime Co., Riverton, Va.  
 Riverview Canning Co., Streator, Ill.  
 Riverview Coated Paper Co., Kalamazoo, Mich.  
 Riverview Iron Wks., Bordentown, N. J.  
 Rivetless Chain & Engng. Co., Avon, Pa.  
 Rivett Lathe & Grinder Co., 2 Brooks-Brighton, Boston, Mass.  
 Rivitz, H. S., & Co., plumbers' supplies, 2112 Ontario, Cleve., O.  
 Rix Compressed Air & Drill Co., 505 Howard, San Fran., Cal.  
 Rixford, Loring P., architect, Sharon Bldg., San Francisco, Cal.  
 Rixford Mfg. Co., machsts. & fndrs., East Highgate, Vt.  
 Rixse & Simmon, architects, Walters Bldg., Wichita, Kans.  
 Rixson, Oscar C., Co., adjusters, door check mfrs., etc., 501 S. Jefferson, Chicago, Ill.  
 Rizzi Bros., granite, Barre, Vt.  
 Rizzi, L. G., granite, Farre, Vt.  
 Rizzolo, D. R., architect, 238 Washington, Newark, N. J.  
 Roach, Harry F., architect, Syndicate Bldg., St. Louis, Mo.  
 Roach, Jos. A., & Co., printing inks, 622 S. Dearborn, Chicago, Ill.  
 Roach, Joseph S., archt., 40 Middlesex, Lowell, Mass.  
 Roach, M. J., & Co., contrs., No. Mem. Sav. Bk. Bldg., Memphis, Tenn.  
 Roach-Manigan Paving Co., Fort Worth, Tex.  
 Roach & Musser Co., sash, door & blind, Muscatine, Ia.  
 Roach & Stansell, contrs., No. Mem. Sav. Bk. Bldg., Memphis, Tenn.  
 Roach, W. R., & Co., canned goods, Hart, Mich.  
 Roach, Wm., masons' & bldrs.' matls., Rockville, Ind.  
 Road Sup. & Metal Co., Topeka, Kans.  
 Roane Iron Co., blast furnaces, Chattanooga, Tenn.  
 Roanoke Coal & Coke Co., Worth, W. Va.  
 Roanoke Drain Tile Co., Roanoke, Ind.  
 Roanoke Guano Co., fertilizer mfrs., Roanoke, Ala.  
 Roanoke Hardware Co., Roanoke, Ala., & Va.  
 Roanoke Iron Works, machsts. & fndrs., Roanoke, Va.  
 Roanoke Mills Co., cotton towels, Roanoke Rapids, N. C.  
 Roanoke Oil Co., Roanoke, Ala.  
 Roanoke R. R., & Lumber Co., Norfolk, Va.  
 Roanoke Stone & Lime Co., Roanoke, Va.  
 Roaring Spring Blankbook Co., pads, Roaring Springs, Pa.  
 Roat, A. J., Supply Co., masons' & bldrs.' matls., mill & facty. supplies, wholesale hdwe., Kingston, Pa.  
 Roat, Oakley, contractor, Kankakee, Ill.  
 Roaters, Chas. E., condensed milk machy., Detroit, Mich.  
 Roath, R. J., architect, Mohawk Bldg., Portland, Ore.  
 Robb & Blackmer, junction boxes, lamp guards, etc., 129 Pearl, Boston, Mass.  
 Robb, C. L., Mfg. Co., shoe blacking, Bellefontaine, Ohio.  
 Robb, J. W., architect, Ohio Bldg., Tulsa, Okla.  
 Robb, John A., architect, 16 State, Rochester, N. Y.  
 Robbins, A. G., Packing Co., canned goods, Robbins, Md.  
 Robbins, A. P., & Son, contractors, 58 Front, Worcester, Mass.  
 Robbins, A., Varnish Co., 1537 N. 8th, St. Louis, Mo.  
 Robbins, B. A., Lime Co., masons' & bldrs.' matls., Cavendish, Vt.  
 Robbins, C. C., architect, Ainsworth Bldg., Portland, Ore.  
 Robbins & Cowles, masons' & bldrs.' matls., whol. hdwe., Brattleboro, Vt.  
 Robbins, Gamwell & Co., machy. dlrs., Pittsfield, Mass.  
 Robbins, H. G., metal bldg. corners, Kewanna, Ind.  
 Robbins Hardware Co., Selma, Ala.  
 Robbins, I. R., masons' & bldrs.' matls., Perth Amboy, N. J.  
 Robbins, Jno., Mfg. Co., badges & emblems, 58 Kneeland, Boston, Mass.  
 Robbins, L. T., Lbr. Co., sash, door & blind mfrs., Plymouth, Mass.  
 Robbins Lumber Co., Rhinelander, Wis., & Wilkes-Barre, Vt.  
 Robbins & McGowin Co., fertilizer mfrs., Brewton, Ala.  
 Robbins Mach. Co., Worcester, Mass.  
 Robbins Mfg. Co., weather strips, 1815 N. Central Park av, Chicago, Ill.  
 Robbins & Myers Co., stor. battery charging sets, etc., 1400 Layonde, Springfield, Ohio.  
 Robbins, W. F., masons' & bldrs.' matls., Benton Harbor, Mich.  
 Roberts Mfg. Co., wall boards, Marion, Ind.  
 Roberson, Alonzo, & Son, sash, door & blind mfrs., Binghamton, N. Y.  
 Roberson, Jno. W., & Co., flour mills, Loudon, Tenn.  
 Roberson, W., Machine & Fndry. Co., 56 Rand, Buffalo, N. Y.  
 Robert, J. Breckenridge, Stone Co., stone producers, Grove City, Pa.  
 Roberts, A., bldg. contr., Duluth, Minn.  
 Roberts, B. A., Son & Co., masons' & bldrs.' matls., Chase City, Va.  
 Roberts, B. E., & Co., flour, Millsprings, Ky.  
 Roberts & Berwis, architects, Wichita Falls, Tex.  
 Roberts Brass Mfg. Co., brass fndrs., Detroit, Mich.  
 Roberts' Bros., canned goods, 427 E. Lexington, Baltimore, Md.  
 Roberts Bros., contractors, 17 N. La Salle, Chicago, Ill.  
 Roberts Bros. Flour Mills, Warsaw, N. Y.  
 Roberts-Brown Lbr. Co. (Ltd.), Shreveport, La.  
 Roberts & Carter, roofing slate, Poultney, Vt.  
 Roberts & Co., lumber, 1419 Gravier, New Orleans, La.  
 Roberts & Conner Co., lumber & veneer, New Albany, Ind.  
 Roberts Cotton Oil Co., Memphis, Tenn.  
 Roberts, D. E., street signs, Racine, Wis.  
 Roberts, E. J., & Son, turpentine, St. George, Ga.  
 Roberts, Earl A., architect, Selling Bldg., Portland, Ore.  
 Roberts, Eben E., architect, 82 W. Washington, Chicago, Ill.  
 Roberts, Ellwood, Co., fertilizer mfrs., Drexel Bldg., Phila., Pa.  
 Roberts Filter Mfg. Co., 6th & Columbus av, Darby, Phila., Pa.  
 Roberts, Frank C., & Co., archl. engineers, Real Estate Trust Bldg., Philadelphia, Pa.  
 Roberts, G. D., & Co., machsts. & fndrs., Columbus, Wis.  
 Roberts, G. G., Corp., tacks, Whitman, Mass.  
 Roberts, G. T., roofing slate mfr., West Pawlet, Vt.  
 Roberts, G. W., cornices, Superior, Wis.  
 Roberts, Geo. I., & Bros., mill & facty. supplies, 471 4th av, New York.  
 Roberts, Geo. J., Co., machsts., Dayton, Ohio.  
 Roberts, H. C., Elec. Supply Co., ry. supplies, 905 Arch, Philadelphia, Pa.  
 Roberts, H. L., & Co., book sewing machs., 63 Park Row, New York.  
 Roberts, H. W., canned goods, Clara, Md.  
 Roberts, H. W., & Co., contractors, Utica, N. Y.  
 Roberts-Hamilton Co., plumbers' supplies, htg. contrs., etc., 413 S. 4th, Minneapolis, Minn.  
 Roberts Hardware Co., Utica, N. Y.  
 Roberts, Hugh, architect, 1 Exchange pl, Jersey City, N. J.  
 Roberts Instrument Co., pocket meters, Detroit, Mich.  
 Roberts Iron Wks. Co., Cambridge, Mass.  
 Roberts, J. E., & W. P., Hdwe. Co., Valdosta, Ga.  
 Roberts, J. F., Construction Co., Denver, Colo.  
 Roberts, J. H., Elevator Co., 430 W. B'way, New York.  
 Roberts, J. J., contractor, 4 Wall, Worcester, Mass.  
 Roberts, J. N., Mfg. Co., wood dishes, Metropolis, Ill.  
 Roberts, J. R., architect, 412 Hopkins, Butte, Mont.  
 Roberts, J. S., & Co., flour mills, Broadford, Va.  
 Roberts, John, machst. & fndr., Lincoln, Neb.  
 Roberts, Jno. B., & Co., contractors, 3 W. 29th, New York.  
 Roberts, John, Co., contractors, 315 S. B'way, Los Angeles, Cal.  
 Roberts, John D., htg. contr., Gilfillan blk, St. Paul, Minn.  
 Roberts, John, & Son Co., paper & pulp mills, Waltham, Mass.  
 Roberts-Kingston Contracting Co., Virginia, Minn.  
 Roberts, Lewis, inks, 72 Union, Newark, N. J.  
 Roberts Lumber Co., Leesville, La.  
 Roberts & Mander Stove Co., heaters & ranges, 11th & Washington av, Philadelphia, Pa.  
 Roberts Mfg. Co., bolt & rivet clipper mfrs., Somerville, Mass.  
 See adv index at end of book.  
 Roberts Mfg. Co., case hardening, Lockport, N. Y.  
 Roberts Mfg. Co., elec. & gas light fixtures, 663 Mission, San Francisco, Cal.  
 Roberts Marble Co., Ball Ground, Ga.  
 Roberts, Marion I., machsts., Atlanta, Ga.  
 Roberts & Meck, pads, Harrisburg, Pa.  
 Roberts Motor Co., Sandusky, Ohio.  
 Roberts Numbering Machine Co., machsts., 706 Jamaica av, Brooklyn, N. Y.  
 Roberts & Oake, meat packers, 45th & S. Racine av, Chicago, Ill.  
 Roberts, P. & Co., contractors, 37 Sullivan, New York.  
 Roberts Portable Oven Co., 2024 N. Major av, Chicago, Ill.  
 Roberts Powder Co., Shenandoah, Pa.  
 Roberts, Robt., contractor, Scranton, Pa.  
 Roberts Safety Water Tube Boiler Co., 39 Cortlandt, New York, & Red Bank, N. J.



- Roberts Safety Razor Co., 706 Jamaica av, Brooklyn, N. Y.  
Roberts, Sanford & Taylor Co., mill & facty. supplies, whol. hdwe., Sherman, Tex.  
Roberts Sash & Door Co., 920 W. 20th, Chicago, Ill.  
Roberts & Schaefer Co., contractors, 332 S. Michigan av, Chicago, Ill.  
Roberts, T. W., wood tanks, Bradford, Pa.  
Roberts, Thos., agricultural implements, Springfield, Ohio.  
Roberts Tube Wks., 868 Military av, Detroit, Mich.  
Roberts, U. N., Co., lumber, Davenport, Ia.  
Roberts, W. H., & Co., canned goods, 1011 S. Lakewood av, Baltimore, Md.  
Roberts & Webster, canned goods, Princess Anne, Md.  
Roberts, Winner & Co., founders, Quakertown, Pa.  
Robertshaw Mfg. Co., plumbers' supplies, thermostats, etc., Youngwood, Pa.  
Robertson Art Tile Co., Morrisville, Pa.  
Robertson, Arthur R., tack hammers, 144 Oliver, Boston, Mass.  
Robertson Bros., paper & pulp mills, Hinsdale, N. H.  
Robertson Bros. Mfg. Co., lock seam, machine & steel riveted pipes, 1036 W. 37th, Chicago, Ill.  
Robertson & Butler, granite, North Sullivan, Me.  
Robertson, C. M., Co., paper & pulp mill, Montville, Conn.  
Robertson & Conry, htg. contrs., 167½ E. 115th, New York.  
Robertson, D. W., drilling tools, Bradford, Pa.  
Robertson, David, architect, 64 W. Randolph, Chicago, Ill.  
Robertson, E. B., machst., South Norwalk, Conn.  
Robertson, E. C., & Son, paper & pulp mills, Hinsdale, N. H.  
Robertson Fertilizer Co., Norfolk, Va.  
Robertson, G. A., & Co., paper & pulp mills, Hinsdale, N. H.  
Robertson, Geo. W., & Co., contractors, Columbus, Ind.  
Robertson & Goodrich, cornices, Fayetteville, Tenn.  
Robertson, Guy B., architect, Majestic Bldg., Denver, Colo.  
Robertson Hardware & Steel Co., 2nd & Ash, Portland, Ore.  
Robertson, J. G., machy. dlr., 2542 University av, St. Paul, Minn.  
Robertson, J. H., canned goods, Buchanan, Va.  
Robertson, J. L., Mach. Co., Paris, Ill.  
Robertson, J. T., masons' & bldrs.' matls., Woodstock, Ga.  
Robertson, J. T., Co., soap, Manchester, Conn.  
Robertson, Jas. C., granite, Barre, Vt.  
Robertson, Jas. L., & Son, mill & facty. supplies, 78 Murray, New York.  
Robertson, James, Lead Co., lead pipe mfrs., Baltimore, Md.  
Robertson, Jas., Mfg. Co., plumbers' supplies—jobbers, 108 Hopkins pl, Baltimore, Md.  
Robertson, Jesse, contractor, Terre Haute, Ind.  
Robertson, John, & Co., lead pipe & trap machy., 133 Water, Brooklyn, N. Y.  
Robertson, Jno. F., Co., valves, Park Bldg., Pittsburgh, Pa.  
Robertson & Larkin, masons' & bldrs.' matls., Hudson, Mass.  
Robertson Lumber Co., Grand Forks, N. D., & Warren, Minn.  
Robertson, Orrin C., Co., paper & pulp mills, Hinsdale, N. H.  
Robertson Paint & Varnish Co., 9808 Meech av, Cleveland, Ohio.  
Robertson Paper Co., Bellows Falls, Vt.  
Robertson, R., & Co., contractors, Amsterdam & 3rd, Detroit, Mich.  
Robertson, R. H., architect, 331 Madison av, New York.  
Robertson, T. Markoe, architect, 331 Madison av, New York.  
Robertson, Theo. B., Products Co., liquid soap, 700 W. Division, Chicago, Ill.  
Robertson, Vance, Co., soap, 103 Park av, New York.  
Robertson, W. H., lumber mfr., Clayton, Ala.  
Robertson, Wm., & Co., cinder pit conveyors, 20 W. Jackson blvd., Chicago, Ill.  
Robertson, Wm. S., contractor, Saratoga Springs, N. Y.  
Robertson, Wm., & Son, contractors, 15 Exchange pl, Jersey City, N. J.  
Robertson's, Wm., Sons, paper & pulp mills, Putney, Vt.  
Robeson Cutlery Co., Anderson av, Rochester, N. Y.  
Robeson Mfg. Co., fertilizer, Lumberton, N. C.  
Robeson Preserve Products Co., waterproofing materials, Port Huron, Mich.  
Robeson Process Co., tanning extracts, core compounds, 18 E. 41st, New York.  
Robesonia Iron Co. (Ltd.), blast furnaces, Robesonia, Pa.  
Robidoux, Jos., & Co., beam scales, 194 Front, New York.  
Robie Consolidated Concrete Co., 939 Elm, Manchester, N. H.  
Robin-Hirsch Co., showcases, 258 Canal, New York.  
Robin Hood Ammunition Co., Swanton, Vt.  
Robin, T. W., lumber, Castle Rock, Wash.  
Robineau Pottery, Syracuse, N. Y.  
Robinia Pin Co., insulator pins, Shippensburg, Pa.  
Robins, A. J., flour mills, Ozan, Ark.  
Robins, A. K., & Co., machsts., 116 Market pl, Baltimore, Md.  
Robins Bros., granite, Barre, Vt.  
Robins Conveying Belt Co., conveying machy. mfrs., 13 Park Row, New York. *See adv index at end of book.*  
Robins Dry Dock & Repair Co., machsts. & fndrs., Beard, Brooklyn, N. Y., & 15 Whitehall, New York.  
Robinson, A. F., Boiler Wks., Cambridge, Mass.  
Robinson, A. M., sash, door & blind mfr., Woonsocket, R. I.  
Robinson, A. S., canned goods, Fallston, Md.  
Robinson, Andrew J., Co., contractors, 123 E. 23rd, New York.  
Robinson, Aquila T., lbr. mfr., Brandywine, Md.  
Robinson, Argyle E., architect, 108 So. La Salle, Chicago, Ill.  
Robinson, Arthur N., architect, Candler Bldg., Atlanta, Ga.  
Robinson Automatic Mach. Co., polishing machines, Detroit, Mich.  
Robinson, B. J., mill & facty. supplies, Vicksburg, Miss.  
Robinson Brick Co., Denver, Colo.  
Robinson Bros., aqua & anhydrous ammonia, Montrose av, Brooklyn, N. Y.  
Robinson Bros. & Co., wholesale hardware, Louisville, Ky.  
Robinson Bros. Lbr. Co., North Tonawanda, N. Y.  
Robinson, C. E., Co., test indicators, Orange, Mass.  
Robinson, C. M., Inc., architect, Times-Dispatch Bldg., Richmond, Va.  
Robinson, C. P., lbr., Chaplin, S. C.  
Robinson Cabinet Mfg. Co., Toledo, Ohio.  
Robinson & Campau, architects, Houseman Blk., Grand Rapids, Mich.  
Robinson, Cary & Sands Co., whol. hdwe., 4th & Wasonta, St. Paul, Minn.  
Robinson, Chas. A., burlap, 46 Beekman, New York.  
Robinson Clay Product Co., brick & pottery ware, Akron, Ohio.  
Robinson Co., lumber, Pensacola, Fla.  
Robinson & Co., crude rubber, 25 Beaver, New York.  
Robinson Contracting Co., Wade Bldg., Cleveland, Ohio.  
Robinson & Curry Co., masons' & bldrs.' matls., Marysville, O.  
Robinson, D., & Sons, scrap iron, 646 Hastings, Detroit, Mich.  
Robinson, Edw., Lbr. Co., Burlington, Vt.  
Robinson, F. Delancey, architect, 25th & B'way, New York.  
Robinson, F. L., architect, 30 E. 42nd, New York.  
Robinson, F. S., & Co., contractors, Hammond Bldg., Detroit, Mich.  
Robinson Fire App. Mfg. Co., 4268 N. 20th, St. Louis, Mo.  
Robinson, Frank J., architect, 44 Bromfield, Boston, Mass.  
Robinson Furnace Co., 205 W. Lake, Chicago, Ill.  
Robinson, G. W., & Son, lumber, Tionesta, Pa.  
Robinson-Gage Lumber Co., Kenton, Ohio.  
Robinson & Gillespie, contractors, 1051 Sutter, San Francisco, Cal.  
Robinson-Graves Sewer Pipe Co., Uhrichsville, Ohio.  
Robinson Hardware Co., Lawrence, Mass.  
Robinson, Harry J., contractor, Mount Vernon, N. Y.  
Robinson Heavy Hardware Co., St. Joseph, Mo.  
Robinson, Henry J., Jr., architect, Rye, N. Y.  
Robinson, Henson Co., cornices, Springfield, Ill.  
Robinson, J. B., & Son, sashes, doors & blinds, Nevada, Mo.  
Robinson, J. C., & Son, general contractors, Rector Bldg., Chicago, Ill.  
Robinson, J. L., Co., contractors, 511 S. 7th, Minneapolis, Minn.  
Robinson, J. L., Construction Co., Knickerbocker Bldg., Baltimore, Md.  
Robinson, J. M., Mfg. Co., sheet metal workers' machines, Spring Grove av, Cincinnati, Ohio.  
Robinson, J. P., & Co., salt mfrs., 56 Beaver, New York.  
Robinson, J. T., architect, Montpelier, Idaho.  
Robinson, J. T., & Son, buttons, 45 E. 17th, New York.  
Robinson & James, contractors, Wilkinsburg, Pa.  
Robinson, Jas. E., contractor, 274 South, Newark, N. J.  
Robinson, Jas. P., founder, Lowell, Mass.  
Robinson & Jans, oakum, tow & packg. flax, Winthrop, Minn.  
Robinson, John C., & Son, contractors, 79 W. Monroe, Chicago, Ill.  
Robinson, Jno., & Co., lbr. mfrs., Albany, N. Y.  
Robinson, John J., Pipe Co., 54 John, New York.  
Robinson, John T., Co., paper box machy. mfrs., Hyde Park, Mass.  
Robinson & Jones Co., masons' & bldrs.' matls., Natick, Mass.  
Robinson, Jos. A., contractor, 87 Madison, Newark, N. J.  
Robinson Land & Lumber Co., Chicora, Miss., & Mobile, Ala.  
Robinson, Leon W., architect, 42 Church, New Haven, Conn.  
Robinson Lumber Co., 717 Whitney, New Orleans, La.  
Robinson-McGill Carriage Co., Nashville, Tenn.  
Robinson-McGill Hdwe. Co., carriages, Shelbyville, Tenn.  
Robinson-McGill Mfg. Co., harness, saddles & strap wk., Shelbyville, Tenn.  
Robinson, M. C., & Co., masons' & bldrs.' matls., Ashtabula, Ohio.  
Robinson, M. S., Cable Clamp Co., Donora, Pa.  
Robinson, M. W., Co., mechanics' tools, 203 37th, Brooklyn, N. Y.  
Robinson, M. W., Co., tinners' nippers, mitre boxes, 88 White, New York.  
Robinson Machine Co., 4629 N. Jefferson av, Detroit, Mich.  
Robinson Mfg. Co., clamps, hangers, straps, Cleveland, Ohio.  
Robinson Mfg. Co., flour mill machy., Quincy, Pa.  
Robinson Mfg. Co., machsts. & fndrs., Muncy, Pa.  
Robinson Mfg. Co., sash, door & blind, Everett, Wash.  
Robinson Motor Truck Co., 2d av. N. & 7th, Minneapolis, Minn.  
Robinson, N. B., contractor, Carbondale, Pa.  
Robinson, N. T., stone producers, Mercer, Pa.  
Robinson, O. E., contractor, 4647 Hamilton av, Cincinnati, Ohio.  
Robinson, P. E., architect, Leader-News Bldg., Cleveland, Ohio, & Sec. Natl. Bldg., Akron, Ohio.  
Robinson Packer & Mach. Co., Coffeyville, Kan.  
Robinson & Pierce, contractors, 589 Washington, Lynn, Mass.  
Robinson, Quincy, canned goods, Warrenton, Ore.  
Robinson, R. W., Co., clothes dryers, Worcester, Mass.  
Robinson-Ray Lumber Co., Dublin, Ga.  
Robinson, Rodgers Co., mattresses & life preservers, 27 N. J. R. R. av, Newark, N. J.  
Robinson, S. H., Co., electric signs, 814 Walnut, Philadelphia, Pa.



- Robinson, S. M., & Co., canned goods, 607 S. Luzerne av, Baltimore, Md.
- Robinson, S. R. H., & Son Contr. Co., Chemical Bldg., St. Louis, Mo.
- Robinson & Smith, carriages, Fall River, Mass.
- Robinson Spreader Co., Vinton, Ia.
- Robinson Stoneware Co., laundry tubs, 250 Greenpoint av, Brooklyn, N. Y.
- Robinson, T. K., Co., canned goods, Vicksburg, Miss.
- Robinson, T. W., turpentine, Holder, Fla.
- Robinson Tag & Label Co., 142 W. 18th, New York.
- Robinson, Thos., & Co., masons' & bldrs.' matls., Real Estate Tr. Bldg., Philadelphia, Pa.
- Robinson Tool Works, filing machines, punching dies & brass & steel stamping, Waterbury, Conn.
- Robinson, Van Alstine Co., contractors, Grand Forks, N. D.
- Robinson Ventilating Co., mine ventg. fans, Jenkins Arcade Bldg., Pittsburgh, Pa.
- Robinson, W. A., masons' & bldrs.' matls., Mechanicsville, N. Y.
- Robinson, W. A., & Co., lubricating oils & spermaceti, New Bedford, Mass.
- Robinson, W. B., lbr., Berlin, N. J.
- Robinson, W. D., & Sons, contractors, Jacksonville, Ill.
- Robinson, W. E., & Co., canned goods, Bel Air, Md.
- Robinson, W. F., brick, Maceo, Ky.
- Robinson, W. F., & Son, broom corn, Wichita, Kan.
- Robinson, W. J., contractor, Mount Vernon, N. Y.
- Robinson, W. Stanton, architect, 326 Purcell av, Cincinnati, O.
- Robinson, Wm. B., & Co., cornices & skylights, Old Orchard, Me.
- Robinson, Wm. C., & Son Co., oils & greases, Baltimore, Md.
- Robinson, Wm. P., architect, 95 State, Albany, N. Y.
- Robinson's, Geo. H., Sons, masons' & bldrs.' matls., Alexandria, Va.
- Robinson Collar & Leather Co., Indiana, Pa.
- Robson, Chas., & Co., bakers' oven doors & fittings, 8th & Washington av, Philadelphia, Pa.
- Robson, F. C., architect, Hagerman Bldg., Colorado Springs, Colo.
- Robson Mfg. Co., machsts. & fndrs., Galesburg, Ill.
- Roby, Sidney B., Co. (The), hardware & mill supplies, etc., 208-214 South av, Rochester, N. Y.
- Roc Bond Co., stucco mfrs., Wren, Ohio.
- Roca, Jos. V., Lumber & Hardware Co., 1533 Carondelet Wlk., New Orleans, La.
- Roccordino, Angela, scrap iron & steel, 1014 Webster av, Pittsburgh, Pa.
- Roch, Tobias, archl. iron & machst., Indianapolis, Ind.
- Rochards, O. S., Inc., packing box mfrs., 87 34th, Bklyn., N. Y.
- Roche-Bruner Bldg. Co., Johnston Bldg., Cincinnati, Ohio.
- Roche, John M., contractor, Haverhill, Mass.
- Roche, M. J., Construction Co., Erie & Shady, Cincinnati, Ohio.
- Rochester Athenaeum & Mchs. Inst., engng. schools & coll., Rochester, N. Y.
- Rochester Automatic Elevator Door Co., Rochester, N. Y.
- Rochester Ball Bearing Co., 203 State, Rochester, N. Y.
- Rochester Barrel Machine Wks., 10 St. James, Rochester, N. Y.
- Rochester Blue Printing Co., Rochester, N. Y.
- Rochester Box & Lbr. Co., Rochester, N. Y.
- Rochester Brass Bed Co., Rochester, N. Y.
- Rochester Bridge Co., Rochester, Ind.
- Rochester Brick & Tile Mfg. Co., Rochester, N. Y.
- Rochester Brush Mfg. Co., Rochester, N. Y.
- Rochester Button Co., Rochester, N. Y.
- ROCHESTER CAN CO., "Iron Horse" brand cans, Rochester, N. Y. See adv index at end of book.**
- Rochester Canning Co., Rochester, Ind.
- Rochester Carriage Co., Rochester, N. Y.
- Rochester Chemical Co., Rochester, N. Y.
- Rochester Composite Brick Co., Rochester, N. Y.
- Rochester Cooperage Co., wooden kegs, Rochester, N. Y.
- Rochester Cut Glass Co., Rochester, Pa.
- Rochester Cutting Die Co., Rochester, N. Y.
- Rochester Dist. Co., Rochester, N. Y.
- Rochester Fire Works Co., Rochester, N. Y.
- Rochester Folding Box Co., Rochester, N. Y.
- Rochester Fdry. & Mach. Wks., Rochester, N. H.
- Rochester Gas Engine Co., Rochester, N. Y.
- Rochester German Brick & Tile Co., Rochester, N. Y.
- Rochester Germicide Co., soaps, disinfectants, etc., Dowling pl, Rochester, N. Y.
- Rochester Head Light Works, Rochester, N. Y.
- Rochester Last Wks., Rochester, N. Y.
- Rochester Lead Wks., Rochester, N. Y.
- Rochester Lime Co., Rochester, N. Y.
- Rochester Lbr. Co., sashes, doors & blinds, Rochester, N. H.
- Rochester Lunch Box Mfg. Co., Rochester, N. Y.
- Rochester Machine Screw Co., 15 Caledonia av, Rochester, N. Y.
- Rochester Mfg. Co., gauges & indicators, Brighton Station, Rochester, N. Y.
- Rochester Moneter Co., butter printing & cutting machs., Rochester, N. Y.
- Rochester Motors Co., 609 Driving Park av, Rochester, N. Y.
- Rochester Mould & Mach. Co., machsts. & fndrs., Rochester, Pa.
- Rochester Pad & Wrapper Co., Rochester, N. Y.
- Rochester Paper Products Co., Rochester, N. Y.
- Rochester Pneumatic Crown Seal Co., Rochester, N. Y.
- Rochester & Pitt. Coal & Iron Co., Rochester, N. Y.
- Rochester Pressed Steel Co., Rochester, N. Y.
- Rochester Radiator Co., 268 State, Rochester, N. Y.
- Rochester Roll Grinding & Corrugating Co., Rochester, N. Y.
- Rochester Rotary Washer Co., Rochester, N. Y.
- Rochester Shank Co., shoe shanks, Rochester, N. Y.
- Rochester Show Case Wks., Rochester, N. Y.
- Rochester Spray Pump Co., Rochester, N. Y.
- Rochester Stamping Co., elec. cooking app., Anderson av, Rochester, N. Y.
- Rochester Tallow Co., Rochester, N. Y.
- Rochester Tank & Boiler Co., Rochester, N. Y.
- Rochester Tire Heater Co., Rochester, N. Y.
- Rochester Tool & Gauge Co., 203 State, Rochester, N. Y.
- Rochester Tumbler Co., Rochester, Pa.
- Rochester Vacuum Cleaner Co., Rochester, N. Y.
- Rochester Vulcanite Pavement Co., Rochester, N. Y.
- Rocheter, Theodore Arnold, architect, Torrington, Conn.
- Rochette & Parzini, wood & stone carvers, 218 E. 25th, New York.
- Rocho Bros. & Creswell, boilers, Boone, Ia.
- Rock Asbestos Roofing Co., 1501 Myrtle, Erie, Pa.
- Rock Asphalt Co., 24 Oakland, Boston, Mass.
- Rockcastle Cement & Lime Co., cement mfrs., Baltimore, Md.
- Rock City Machine Co., Nashville, Tenn.
- Rock City Mfg. Co., storm sash hangers, screen door hinges, Wabash, Ind.
- Rock City Spoke Co., Nashville, Tenn.
- Rock Cut Stone Co., ground limestone, Syracuse, N. Y.
- Rock Graphite Mining & Mfg. Co., 423 Walnut, Phila., Pa.
- Rock Hall Canning Co., 2203 E. Baltimore, Baltimore, Md.
- Rock Hill Buggy Co., Rock Hill, S. C.
- Rock Hill Fertilizer Co., Rock Hill, S. C.
- Rock Hill Mach. Wks., Roanoke, Va.
- Rock Island Bridge & Iron Wks., Rock Island, Ill.
- Rock Island Canning Co., Sears, Ill.
- Rock Island Hardware Co., Rock Island, Ill.
- Rock Island Lbr. & Mfg. Co., Rock Island, Ill.
- Rock Island Mfg. Co., anvils, grinders, jacks, vises, etc., Rock Island, Ill.
- Rock Island Metal Fndry., 505 4th, Rock Island, Ill.
- Rock Island Plow Co., agricl. implements, Rock Island, Ill.
- Rock Island Register Co., Rock Island, Ill.
- Rock Island Sand & Gravel Co., Rock Island, Ill.
- Rock Island Sash & Door Wks., cypress doors, Rock Island, Ill.
- Rock Island Stove Co., Rock Island, Ill.
- Rock Island Wood Wks., sash, door & blind mfrs., Rock Island, Ill.
- Rock Plaster Mfg. Co., masons' & bldrs.' matls., 381 4th av, New York, & Darby & Scott, Columbus, Ohio.
- Rock Products & Bldg. Materials, trade publications, 537 S. Dearborn, Chicago, Ill.
- Rock Products Equipment Corp., mill & factory supplies, 42 Church, New York. See adv index at end of book
- Rock River Cotton Co., Janesville, Wis.
- Rock River Lumber Co., Beloit, Wis.
- Rock River Machine Co., Janesville, Wis.
- Rock Run Carbon Co., Warren, Ohio.
- Rock Spring Distilling Co., Owensboro, Ky.
- Rock Springs Canning Co., Allentown, Mo.
- Rock Springs Ice & Stone Co., Kansas City, Kans.
- Rockafellow Grain Co., masons' & bldrs.' matls., Carson City, Mich.
- Rockaway Ladder Co., Newark, N. J.
- Rockaway Mfg. Co., coaster wagons, 421-441 Culvert, Cincinnati, Ohio.
- Rockaway Rolling Mill, iron concrete reinf. bars, Rockaway, N. J.
- Rockbluff Co., turpentine, Rockbluff, Fla.
- Rockbridge Lime & Stone Co., Lexington, Va.
- Rockdale Oil Co., fert. mfrs., Rockdale, Tex.
- Rockdale Powder Co., York, Pa.
- Rockefeller, Julius, brick & tile, Nankin, Ohio.
- Rocker Bros., archl. iron, 330 W. 26th, New York.
- Rocker, Henry, contractor, 357 Crescent, Brooklyn, N. Y.
- Rocker & Vattet, architects, 15 E. 40th, New York.
- Rockey Co., machsts., 275 E. Main, Columbus, Ohio.
- Rockfall Woolen Co., horse blankets, Middletown, Conn.
- Rockfield Canning Co., Rockfield, Wis.
- Rockford Art Glass Wks., Rockford, Ill.
- Rockford Bit Co., Kokomo, Ind.
- Rockford Bolt Co., Rockford, Ill.
- Rockford Bolt Co., electro galvanizing, 60 Mill, Chicago, Ill.
- Rockford Brass Wks., machsts. & fndrs., Rockford, Ill.
- Rockford Brick & Tile Co., Rockford, Ia.
- Rockford Builders' Supply Co., Rockford, Ill.
- Rockford Concrete Co., contrs., Rockford, Ill.
- Rockford Desk Co., Rockford, Ill.
- Rockford Drilling Machine Co., Rockford, Ill.
- Rockford Drop Forge Co., Rockford, Ill.
- Rockford Iron Works, Rockford, Ill.
- Rockford, John C., contractor, White Bldg., Seattle, Wash.
- Rockford Lathe & Drill Co., drilling machines, 1827 14th av, Rockford, Ill.
- Rockford Lthr. Goods Co., advtg. nov. & spec., Rockford, Ill.
- Rockford Leather Washer Co., Rockford, Ill.
- Rockford Light Furn. Co., elec. portables, Rockford, Ill.
- Rockford Lbr. & Fuel Co., masons' & bldrs.' matls., Rockford, Ill.



- Rockford Machine Tool Co., Rockford, Ill.  
 Rockford Malleable Iron Wks., machsts. & fndrs., Rockford, Ill.  
 Rockford Mfg. Co., circular saw mills, Indianapolis, Ind.  
 Rockford Mfg. Co., machsts. & fndrs., agricultural implements, Rockford, Ill.  
 Rockford Metal Spec. Co., tinning & japanning, Rockford, Ill.  
 Rockford Milling Machine Co., Rockford, Ill.  
 Rockford Mitre Box Co., metal cutting, 252 Mill, Rockford, Ill.  
 Rockford Palace Furniture Co., music cabinets, Rockford, Ill.  
 Rockford Paper Box Board Co., Rockford, Ill.  
 Rockford Paper Mills, Rockford, Ill.  
 Rockford Standard Furniture Co., book cases, Rockford, Ill.  
 Rockford Steel Fixture Co., Rockford, Ill.  
 Rockford Tool Co., Rockford, Ill.  
 Rockford Varnish Co., Rockford, Ill.  
 Rockford Watch Co., Elgin & Rockford, Ill.  
 Rockhill & Victor, oils, 22 Cliff, New York.  
 Rockland Lake Trap Rock Co., 17 Battery pl, New York.  
 Rockland Milling Co., flour, Weyer's Cave, Va.  
 Rockland & Rockport Lime Co., Camden & Rockland, Me.  
 Rockland Webbing Co., Rockland, Mass.  
 Rockland Welting Co., Rockland, Mass.  
 Rockmar Brick & Slate Co., Augusta, Ga.  
 Rockport Canning Co., Rockport, Mo.  
 Rockport Drain & Tile Co., Rockport, Ind.  
 Rockport Granite Co., crushed stone, Rockport, Mass., & Brooklyn, N. Y.  
 Rockport Isinglass Co., Rockport, Mass.  
 Rockton Paper Co., Rockton, Ill.  
 Rockville Granite Co., Rockville, Minn.  
 Rockwall Cotton Oil Co., meal, Rockwell, Tex.  
 Rockwell-Barnes Co., cash reg. paper, adding mach. rolls, filing cabinets, 823 S. Wabash av, Chicago, Ill.  
 Rockwell Bros. & Co., masons' & bldrs.' matls., Albany, Tex.  
 Rockwell City Canning Co., Rockwell, Ia.  
 Rockwell, Fred J., contractor, 261 Bowdoin, Dorchester, Boston, Mass.  
 Rockwell, Jno. L., toys, Monroeton, Pa.  
 Rockwell, John W., & Sons Co., packing box mfrs., Hartford, Conn.  
 Rockwell, L. A., Co., bakers' machy., 430 Smith, Brooklyn, N. Y.  
 Rockwell Lime Co., 133 W. Washington, Chicago, Ill.  
 Rockwell Mfg. Co., interior finish mfrs., 572 Park, Milwaukee, Wis.  
 Rockwell & Sherwin, carriages, Brattleboro, Vt.  
 Rockwell Silver Co., cut glassware, Meriden, Conn.  
 Rockwell, W. S., Co., furnace mfrs., 50 Church, New York.  
*See adv index at end of book*  
 Rockwood Mfg. Co., paper pulleys & iron & fibre frictions, 1801 English av, Indianapolis, Ind.  
 Rockwood Milling Co., flour mills, Rockwood, Pa.  
 Rockwood Photographer, 510 W. 145th, New York.  
 Rockwood Sprinkler Co., automatic sprinkler systems, pressed steel unions & pressed metal products, 38 Harlow, Worcester, Mass.  
 Rocky Ford Canning & Mfg. Co., Rocky Ford, Colo.  
 Rocky Hill Hdwe. Co., Rocky Hill, Conn.  
 Rocky Mount Mach. Wks. Co., Rocky Mount, N. C.  
 Rocky Mountain Chemical Co., fertilizer mfrs., Anaconda, Mont.  
 Rocky Mountain Fuel Co., masons' & bldrs.' matls., Foster Bldg., Denver, Colo.  
 Rocky Neck Railway, dry docks & marine r'ways, Gloucester, Mass.  
 Rocky Ridge Lime & Stone Co., Rocky Ridge, Ohio.  
 Rocky River Dry Dock Co., Blunt rd, Cleveland & Rocky River, Ohio.  
 Rod Pennant Mfg. Co., 3 Watkins, Brooklyn, N. Y.  
 Rodatz, J., contractor, 209 S. La Salle, Chicago, Ill.  
 Rodday, Robt. J., Co., hot air furnaces, 138 Harrison av, Boston, Mass.  
 Roddenberry, W. B., canned goods, Cairo, Ga.  
 Roddis Lumber & Veneer Co., hardwood doors, Marshfield, Wis.  
 Roddy, Jas., htg. contrs., 51 E. 9th, New York.  
 Rode, W. C., contractor, 153 Garfield av, Jersey City, N. J.  
 Rodefild Mfg. Co., cast iron pipe cutters, Richmond, Ind.  
 Rodefer Glass Co. (The), novelties & specialties in glassware, private mold production, Bellaire, Ohio.  
*See adv index at end of book*  
 Rodesch Piano Player Co., Dixon, Ill.  
 Rodger Ballast Car Co., Railway Exchange Bldg., Chicago, Ill.  
 Rodgers, A. D. & W. E., flour mills, New Market, Ala.  
 Rodgers Boiler & Burner Co., tanners' tanks, Muskegon, Mich.  
 Rodgers, D. M., masons' & bldrs.' matls., Corning, Ohio.  
 Rodgers, Geo. G., machsts., Springfield, Ohio.  
 Rodgers & Hagerty, contractors, Harlem River & 152d, New York.  
 Rodgers Iron Mfg. Co., steam pumps, Muskegon, Mich.  
 Rodgers, J. C. & Son, contractors, 271 W. 125th, New York.  
 Rodgers, J. E., Mfg. Co., printing inks, 206 E. 19th, New York.  
 Rodgers, Leonidas (Est. of), carriages, New Castle, Ind.  
 Rodgers, R. M., Mfg. Co., dumb waiters & elev., 74 Emerson pl, Brooklyn, N. Y.  
 Rodgers Sand Co., wood & water, Pittsburgh, Pa.  
 Rodier & Fitzgerald, glass signs, 296 Pearl, New York.  
 Rodman Lumber Co., Rodman, Fla.  
 Rodman Turpentine Co., Rodman, Fla.  
 Rodriguez, R. E., paint brushes, 56 Warren, New York.  
 Rodrock, E. M., Co., masons' & bldrs.' matls., Paterson, N. J.  
 Roe Bros., masons' & bldrs.' matls., Florida, N. Y.  
 Roe, Chas. S., machst., Hobart, Okla.  
 Roe & Conover, hdwe., tools, machy., supplies & equipment, steamfitters, mill & facty., 206 Frelinghuysen av, Newark, N. J. *See adv index at end of book*  
 Roe, F. P., canned goods, Greensboro, Md.  
 Roe, Geo. W., architect, Pueblo, Colo.  
 Roe, Justus, & Sons, machsts., Patchogue, N. Y.  
 Roe, Wm. S., mill & facty. supplies, 17 Mechanic, Newark, N. J.  
 Roebing's, John A., Sons Co., wire rope, insulated wires & cables, etc., Trenton, N. J. *See adv index at end of book*  
 Roebuck Weather Strip & Wire Screen Co., window ventilators, 3518 av H, Brooklyn, N. Y.  
 Roedel, Frank A., wholesale hdwe., Cheyenne, Wyo.  
 Roeder, Fred, Mfg. Co., auto. wood bodies, 1396 Atlantic av, Brooklyn, N. Y.  
 Roeder-Greeman Stone & Const. Co., Quincy, Ill.  
 Roedi & Jacobs Co., masons' & bldrs.' matls., Beaver Dam, Wis.  
 Roeding Olive Co., canners, Fresno, Cal.  
 Roehl Bros., contractor, Thompson Bldg., Cleveland, Ohio.  
 Roehm Bros., contractors, Terre Haute, Ind.  
 Roehm & Davison, wholesale hdwe. & curtain fasteners, 93 Woodbridge av, Detroit, Mich.  
 Roehr Co., interior finish mfrs., Bucyrus, Ohio.  
 Roehrig, Frederick L., architect, Am. Bk. Bldg., Los Angeles, Cal.  
 Roek Creek Lumber Co., Hampton Springs, Fla.  
 Roedel Co., plumbers' supplies, jobbers, Zanesville, Ohio.  
 Roelker, H. B., ice machs., 41 Maiden la, New York.  
 Roemer Bros., lumber, Bowling Green, Ky.  
 Roemer, J., Heating Co., 1808 E. 22d, Cleveland, Ohio.  
 Roemer & Roemer, machinists, Santa Maria, Cal.  
 Roemer-Worrick Mach. Co., Bowling Green, Ky.  
 Roeper Crane & Hoist Wks., overhead trolleys, Reading, Pa.  
 Roesch Bros. Plating Wks., Belleville, Ill.  
 Roesch, Geo. E., rural mail boxes, Aurora, Ill.  
 Roeschlaub & Fuller, architects, Foster Bldg., Denver, Colo.  
 Roessler, Herman, cornices, 1184 24th, Milwaukee, Wis.  
 Roessel, Louis, & Co., umbrella cloth, Hazleton, Pa.  
 Roessing Bronze Co., ingots, Etna, Pa.  
 Roessing, Ernst, Co., coils & pipe bends, Butler, Pittsburgh, Pa.  
 Roessler & Hasslacher Chemical Co., 100 William, New York.  
 Roeti-Hunt Corp., push pins & needle threaders, Putnam, Conn.  
 Roettiger, H. & F., masons' & bldrs.' matls., Fountain City, Wis.  
 Roff & Miller, mill & facty. supplies, Brenham, Tex.  
 Roff Underwear Co., sweaters, cardigans, etc., Cohoes, N. Y.  
 Roffers, John, common brick, De Pere, Wis.  
 Rogan Bros., lumber, Cable, Wis.  
 Roger Silver Co., casket hardware, Westfield, Mass.  
 Rogers, A., Co., animal foods, soap, etc., Aurora, Ill.  
 Rogers, Andrew J., Co., cornices, Paterson, N. J.  
 Rogers-Bailey Hardware Co., Chattanooga, Tenn.  
 Rogers & Baldwin Hardware Co., Springfield, Mo.  
 Rogers, Bonnah & Chaffee, architects, Penobscot Bldg., Detroit, Mich.  
 Rogers Bros. Co., contractors, Hibernian Bldg., Los Angeles, Cal.  
 Rogers Broom Co., Washington, Ind.  
 Rogers & Bro., table silverware, Waterbury, Conn.  
 Rogers Bros., hot process galvanizing, Batavia, Ill.  
 Rogers Bros. Co., steel structural wk., Albion, Pa.  
 Rogers Bros. Galvanizing Wks., Rockford, Ill.  
 Rogers Bros. & Kevan, trunk mfrs., Petersburg, Va.  
 Rogers-Brown & Co., pig iron & coke dtrs., etc., 77 Carew Bldg., Cincinnati, Ohio.  
 Rogers-Brown Iron Co., Erie Co. Bank Bldg., Buffalo, N. Y.  
 Rogers Button Co. (Est. of), Springfield, Mass.  
 Rogers, C. E., castings, 34 Beach, Boston, Mass.  
 Rogers, C. P., & Co., beds, springs, mattresses, 14 E. 33d, New York.  
 Rogers, C. R., & Co., contractors, Corry, Pa.  
 Rogers, C. W., cornices & skylights, Bath, Me.  
 Rogers, Chas. E., machst., 32 Goldsmith, Detroit, Mich.  
 Rogers, Chas. E. J., architect, Phelan Bldg., San Francisco, Cal.  
 Rogers & Co., paper, 521 Marquette av, Minneapolis, Minn.  
 Rogers & Co., stove linings mfrs., Roversford, Pa.  
 Rogers, E. A., & Co., glue mfrs., 161 Devonshire, Boston, Mass.  
 Rogers, E. F., & Co., megaphones, 410 Arch, Philadelphia, Pa.  
 Rogers, F. C., sash, door & blind mfrs., Leroy, N. Y.  
 Rogers, F. G., architect, Greenville, S. C.  
 Rogers Fdry. & Mfg. Co., Joplin, Mo.  
 Rogers, Frank H., gun cleaners, Deep River, Conn.  
 Rogers, G. W., & Co., dock bldrs., 29 B'way, New York.  
 Rogers, Geo. B., archt., Van Antwerp Bldg., Mobile, Ala.  
 Rogers, Geo. C. D., architect, Morristown, N. J.  
 Rogers, Geo. O., architect, Hartje Bldg., Pittsburgh, Pa.  
 Rogers, Geo. W., & Co., contractors, 29 B'way, New York.  
 Rogers, H. A., Co., mill & facty. supp., 87 Walker, New York.  
 Rogers, H. C., architect, Estes Park, Colo.  
 Rogers & Hamilton Co., table silverware, Waterbury, Conn.  
 Rogers, Hamilton W., architect, 25 Exchange, Lynn, Mass.  
 Rogers Hardware Co., Eutaw, Ala.  
 Rogers, Henry A., Co., mill & facty. supplies, 87 Walker, New York.  
 Rogers, Henry M., architect, Johnstown, Pa.  
 Rogers, Hervev E., stone producers, New London, Conn.  
 Rogers, Howard, architect, 463 B'way, Albany, N. Y.



- Rogers & Hubbard Co., bone buttons, case hardening compounds, handles, Middletown, Conn.
- Rogers, J. & J., Co., paper & pulp mills, Ausable Forks, N. Y.
- Rogers, J. S., Co., contractors, Moorestown, N. J.
- Rogers, J. Silver Co., 356 W. B'way, New York.
- Rogers, J. T., ties, poles & posts, Faceville, Ga.
- Rogers, Jas. Gamble, architect, 470 4th av, New York.
- Rogers, Jas. T., & Co., sash, door & blind mfrs., Peoria, Ill.
- Rogers, John F., shoe vamp marking machs., Belfast, Me.
- Rogers, John M., Wks., machsts. & fndrs., Gloucester City, N. J.
- Rogers, Jos. B., cornices, Hallstead, Pa.
- Rogers, L. C., fertilizer mfr., Frederica, Del.
- Rogers, Laussat R., architect, 911 Market, Wilmington, Del.
- Rogers Lbr. Co., Warren, Pa.
- Rogers & McLean, bldg. contrs., Duluth, Minn.
- Rogers, M. E., brick, Deshler, Ohio.
- Rogers Mach. Tool Co., Alfred, N. Y.
- Rogers Manifold & Carbon Paper Co., 33 Sullivan, New York.
- Rogers Mfg. Co., bone buttons, fertilizer mfrs., Rockfall, Conn.
- Rogers Metal Wks., Kansas City, Mo.
- Rogers & Miller, whol. hdwe., 135 Market, Philadelphia, Pa.
- Rogers, P. O., & Son, contractors, Chattanooga, Tenn.
- Rogers Paper Mfg. Co., ironing & leather boards, So. Manchester, Conn.
- Rogers, Pliny P., architect, 477 5th av, New York.
- Rogers Pyatt Shellac Co., 81 Water, New York.
- Rogers, R. J., Lbr. Co., Geneva, N. Y.
- Rogers Rake Co., New Hartford, Conn.
- Rogers, Robt. E., architect, 7 E. 42d, New York.
- Rogers, Rose, & Co., flour mills, Gradyville, Ky.
- Rogers, Rugor, Lbr. Co., Superior, Wis.
- Rogers, Sam'l C., & Co., machy., 10 Lock, Buffalo, N. Y.
- Rogers Sash & Door Co., New Britain, Conn.
- Rogers-Schmitt Wire & Iron Co., 1815 N. 23d, St. Louis, Mo.
- Rogers-Shear Co., plasters' steel corner beads, Warren, Pa.
- Rogers, Simeon L., & George H. Co., table silverware, Hartford, Conn.
- Rogers, Smith & Co., table silverware, Meriden, Conn.
- Rogers, Spencer, Son, bldg. contr., Portland, Me.
- Rogers Sporting Goods Co., base ball mfrs. & gloves, Springfield, Mass.
- Rogers, T. Mellon, architect, Devon, Pa.
- Rogers Tent & Awning Co., Fremont, Neb.
- Rogers, Virgil, soap, Gibbon, Neb.
- Rogers, W. A. (Ltd.), cutlery, Northampton, Mass.
- Rogers, W. C., ties, poles & posts, Broadhurst, Ga.
- Rogers, W. G., architect, Charlotte, N. C.
- Rogers, W. H., Paint Mill, varnish mfrs., Houston, Tex.
- Rogers & Wells, contractors, Middlebury, Vt.
- Rogers White Lime Co., Rogers, Ark.
- Rogers, Wm. A. (Ltd.), table silverware, Niagara Falls, N. Y.
- Rogers, Wm. J., architect, 50 E. 42d, New York.
- Rogers, Wm., Mfg. Co., table silverware, Meriden, Conn.
- Rogers Wire Works, Inc., wire cloth mfrs., Belleville, N. J.
- Rogerson, J. C., & Co., whol. hdwe., Hudson, N. Y.
- Rogersville Mill Co., flour, Rogersville, Tenn.
- Rogge Mach. Co., 519 Hillger, Detroit, Mich.
- Rogowski Bros. & Wedda, contractors, Canfield & G. T. Ry., Detroit, Mich.
- Rogue River Hardware Co., Grants Pass, Ore.
- Rogue River Valley Canning Co., Medford, Ore.
- Rohan, John A., Boiler Wks. Co., 1915 N. 9th, St. Louis, Mo.
- Rohde, Chas. L., & Sons Co., ship bldrs., Baltimore, Md.
- Rohde, W. H. L., masons' & bldrs.' matls., Ann Arbor, Mich.
- Rohde, Wm. contractor, 680 Elm ? ? ? ? ?
- Rohe & Bro., meat packers, 527 W. 36th, New York.
- Rohl, Richard, architect, 107 E. 10th, New York.
- Rohm, Jean Baptists, & Son, archts., 138 N. La Salle, Chicago, Ill.
- Rohn, Geo. F., knife switches, 446 E. Water, Milwaukee, Wis.
- Rohns, Albert, & Co., archl. iron, Detroit, Mich.
- Rohrbaugh, J. F., & Co., contractors, Hanover, Pa.
- Rohrer, D. J., sash, door & blind, Clintonville, Wis.
- Roitcz, W. Max, contractor, Galveston, Tex.
- Roka Battery Co., elec. lamp flashlights, 318 E. 32d, New York.
- Rokeach, I., & Sons, soap, 345 Hewes, Brooklyn, N. Y.
- Rolandi, F., contractor, 550 Montgomery, San Francisco, Cal.
- Rolf, Bernard, dock bldrs., 39 Cortlandt, New York.
- Rolfe Building Materials Co., New Brunswick, N. J.
- Roling, J. F., machst. & fndr., Salisbury, Mo.
- Roll Mfg. Co., mortar color mfrs., Nottingham, Ohio.
- Rollaway Screen Co., Burlington, Vt.
- Roller, Geo. B., common brick, Canton, Ill.
- Roller Lock Nut Co., 61 Broadway, New York.
- Roller-Smith Co., testers, switches, meters, etc., 233 B'way, New York.
- Rollin Mfg. Ass'n & Tank Line Co., Chanute, Kans.
- Rollins Engine Co., Nashua, N. H.
- Rollins, Sim. D., & Co., plumbers' supplies—jobbers, Minneapolis, Minn.
- Rollins Supply Co., mill & facty. supplies, 17 W. Kinzie, Chicago, Ill.
- Rollman Mfg. Co. (Ltd.), machsts., Orangeville, Pa., & meat choppers, hdwe., nut crackers, etc., Mount Joy, Pa.
- Rom, Robt., Co., plumbers', mill & facty. supplies—jobbers, 1023 St. Paul av, Milwaukee, Wis.
- Roman Bronze Wks., machsts. & fndrs., 275 Greene, B'klyn, N. Y.
- Romana & Forgione, bldg. contrs., Portland, Me.
- Rombaugh, W. N., contractor, Gorlock Bldg., St. Louis, Mo.
- Rome Bicycle Mfg. Co., Rome, N. Y.
- Rome Brass & Copper Co., Rome, N. Y.
- Rome Brick Co., Rome, Ga.
- Rome, Geo., & Co., cornices, Carnegie, Pa.
- Rome Hardware Co., Rome, Ga.
- Rome Hollow Wire & Tube Co., Rome, N. Y.
- Rome Locomotive & Mach. Wks., Rome, N. Y.
- Rome Machine & Fdry. Co., Rome, Ga.
- Rome Mfg. Co., wash boilers, elbows, ferrules, etc., Rome, N. Y.
- Rome Merchant Iron Mill, 30 Church, New York.
- Rome Metallic Bedstead Co., Rome, N. Y.
- Rome Oil & Fertilizer Co., Rome, Ga.
- Rome Scale & Mfg. Co., Rome, Ga.
- Rome Soap Mfg. Co., metal polish, Rome, N. Y.
- Rome Stone Cutting Co., 17 Grafton av, Newark, N. J.
- Rome Supply Co., plumbers' supplies—jobbers, Rome, Ga.
- Rome-Turney Radiator Co., Rome, N. Y.
- Rome Wire Co., Rome, N. Y.
- Roman Nose Gyp. Co., plasters, Bickford, Okla.
- Romeo Foundry Co., Port Huron, Mich.
- Rommel, Frank A., architect, Weightman Bldg., Phila., Pa.
- Rommel, G. H., Co., contractors, Louisville, Ky.
- Romer Axe Co., Dunkirk, N. Y.
- Romer & Co., hdwe. mfrs., 275 Passaic, Newark, N. J.
- Romer, F. J., Construction Co., 190 Ramsey, St. Paul, Minn.
- Romer Mfg. Co., black'g cases, 203 Diamond, Brooklyn, N. Y.
- Romeyn, Chas. W., architect, 55 B'way, New York.
- Romeyn, T. F., Co., pkg. box mfrs., Albany, N. Y.
- Romick Mill Furnishing Co., Niles, Ohio.
- Romig, P. A., masons' & bldrs.' matls., Uhrichville, Ohio.
- Romisch Mfg. Co., macsts. & fndrs., Morgantown, W. Va.
- Romona Oolitic Stone Co., Stinesville, Ind.
- Romsen, I. S., Mfg. Co., carriages, 740 Grand, Brooklyn, N. Y.
- Ronceverte Milling Co., flour, Ronceverte, W. Va.
- Ronchi & Son, pianos, West Hoboken, N. J.
- Roneo Co., pencil sharpeners, copying presses, 117 Leonard, New York.
- Roney & Rae Co., bobbin holders, Woonsocket, R. I.
- Ronfeldt, Chas. J., steel stamps, 61 Beekman, New York.
- Ronson Spec. Co., wrenches, etc., 7 Mulberry, Newark, N. J.
- Roo & Van Leeuwen Lumber Co., Lynden, Wash.
- Rood, M., & Co., flour mills, Bark River, Mich.
- Rood, R. A., packing box mfrs., Buttes av & Facy., Columbus, O.
- Roode, S. M., architect, Dillon, Mont.
- Roof, H. H., architect, Biloxi, Miss.
- Roof, J. W., contractor, McAlester, Okla.
- Rooke Automatic Register Co., 17 Warren, Providence, R. I.
- Rooke, Frank A., architect, 489 5th av, New York.
- Rooksby, E. J., & Co., machy. mfrs., 435 N. 11th, Phila., Pa.
- Rookwood Pottery Co., Mount Adams, Cincinnati, Ohio.
- Roome, E., flour mills, Sistersville, W. Va.
- Roome, James A., carriages, Peabody, Mass.
- Rooney, F. D., architect, Empire State Bldg., Spokane, Wash.
- Rooney, F. J., Lamp Co., 257 14th, Hoboken, N. J.
- Rooney, John A., contractors, 319 Wash., Boston, Mass.
- Rooney, Jno. B., mill & facty. supplies, Walpole, Mass.
- Roos, August, Sons, brewers' machy. & supplies, coppersmiths, 429 E. 91st, New York.
- Roos Bros., contractors, 2824 Stanton av, W. H., Cincinnati, O.
- Ross, Chas., lbr., Williamsport, Pa.
- Roos, Hy., Fdry. Co., archl. iron, 1749 Ballou, Chicago, Ill.
- Roos Mfg. Co., cedar chests, curtain poles, 967 W. 20th, Chicago, Ill.
- Roosen, H. D., Co., print'g & lithographic inks, 78 20th, Brooklyn, N. Y.
- Roosevelt, W. A., Co., plumbers', mill & facty. supplies—jobbers, La Crosse, Wis.
- Root, A. I., Co., bee keepers' supplies, Medina, Ohio.
- Root, Albert R., contractor, East Hampton, Mass.
- Root, B. M., Co., variety sawing machinery, York, Pa.
- Root, C. D., lbr., Crown Point, Ind.
- Root, C. J., Co., counting machines & wrought brass hinge mfrs., Bristol, Conn.
- Root, C. R., wood carvers, plastic orna., etc., Hartford, Conn.
- Root, G. L., Co., carriages, Coopersville, Mich.
- Root Glass Co., bottles, Terre Haute, Ind.
- Root-Heath Mfg. Co., cobblers' outfits, shoe cleaners, Plymouth, Ohio.
- Root, Hy. S., & Son, wholesale hdwe., Newport, Vt.
- Root, J. M., Piano Co., 6632 Kimbark av, Chicago, Ill.
- Root, J. V., canned goods, Versailles, Ill.
- Root & Kerr, architects, Henry Bldg., Portland, Ore.
- Root Mfg. Co., sash, door & blind, Michigan City, Ind.
- Root, Neal, & Co., mill & facty. supplies, etc., Buffalo, N. Y.
- Root, Neilson & Co., machsts. & fndrs., Sacramento, Cal.
- Root & Siemens, architects, Scarritt Bldg., Kansas City, Mo.
- Root Spring Scraper Co., Kalamazoo, Mich.
- Root & Vandervoort Engng. Co., East Moline, Ill.
- Root, W. A., & H. A., contractors, 1 Beacon, Boston, Mass.
- Root, W. H., cornices & skylights, Iola, Kans.
- Roots, P. H., F. M., Co., machsts. & fndrs., Connersville, Ind.
- Roovers Bros., embossing machines, presses, stationers' spec., etc., 100 Schermerhorn, Brooklyn, N. Y.
- See adv index at end of book.
- Rope Fire Escape Co., 1602 Market, Philadelphia, Pa.
- Ropelt & Sons Piano Co., Rochester, N. Y.



- Roper Bros., Co., bathing suits, Needham Heights, Mass.  
 Roper, C. F., & Co., oil pump mfrs., Hopedale, Mass.  
*See adv index at end of book.*  
 Roper, John L., Lumber Co., lumber mfrs., Norfolk, Va.  
 Ropes Bros., masons' & bldrs.' matls., Danvers, Mass.  
 Roquemore, O. G., architect, Amarillo, Tex.  
 Rork, M. D., Mfg. Co., windmills, Lansing, Mich.  
 Rosa Lbr. Co., Picayune, Miss.  
 Rosa, N. W., masons' & bldrs.' matls., Schenectady, N. Y.  
 Rosback, F. P., Co., book binders' machy., Benton Harbor, Mich.  
 Rosch, Math, cornices, 2937 N. Ashland av, Chicago, Ill.  
 Rosche, John, machst. & fndr., Schleisingerville, Wis.  
 Rosche & Suhs, machsts. & fndrs., Waupaca, Wis.  
 Roscoe, Edward F., contractor, Pittsfield, Mass.  
 Rose, Albert A., contractor, Penobscot Bldg., Detroit, Mich.  
 Rose Bros., & Co., umbrella mfrs., Lancaster, Pa.  
 Rose & Cecil, flour mills, Stillwater, Ky.  
 Rose, Charles Fred'k, architect, 118 E. 28th, New York.  
 Rose City Cotton Oil Mill, Little Rock, Ark.  
 Rose City Mfg. Co., lumber, Rose City, Mich.  
 Rose, Clarence T., architect, Corcoran Bldg., Washington, D. C.  
 Rose, D. M., & Co., sash, door & blind, Knoxville, Tenn.  
 Rose, Edw., architect, Elmhurst, N. Y.  
 Rose & Fisher, contractors, Sandusky & Duquesne wy, Pittsburgh, Pa.  
 Rose, Garland R., architect, Durham, N. C.  
 Rose, H., bowl'g alley bldrs., 145 Hamilton av, Brooklyn, N. Y.  
 Rose, H. A. (Est. of), masons' & bldrs.' matls., North Tona-wanda, N. Y.  
 Rose, H. Wilson, architect, Newton Centre, Mass.  
 Rose & Hastie, elec. portables, 754 Lexington av, Brooklyn, N. Y.  
 Rose, J. A., Mfg. Co., automobile pumps, guns & syringes, Hastings, Neb.  
 Rose, Jas. G., machst. & fndr., Victoria, Tex.  
 Rose & Johnson, mill & facty. supplies, Haverstraw, N. Y.  
 Rose Label Mach. Co., Middicomb Bldg., Grand Rapids, Mich.  
 Rose-Lyon Hardware Co., Little Rock, Ark.  
 Rose Mfg. Co., heaters, lamps, etc., 910 Arch, Phila., Pa.  
 Rose Patent Grate Co., Council Bluffs, Ia.  
 Rose, Peter, & Sons, harness mfrs., Baltimore, Md.  
 Rose & Peterson, architects, 715 Minnesota av, Kansas City, Mo.  
 Rose Point Stone & Lime Co., New Castle, Pa.  
 Rose Polytechnic Inst., engng. school & coll., Terre Haute, Ind.  
 Rose, Richard, wall paper mfr., Beverly, N. J.  
 Rose, Rich D., architect, Tiverton, R. I.  
 Rose, S., black carbons, 21 Maiden la, New York.  
 Rose, S., Co., emery wheel dressers, carbons, 12 John, New York.  
 Rose Spring & Mattress Co., Memphis, Tenn.  
 Rose Tool & Supply Co., 5 Wood, Pittsburgh, Pa.  
 Rose Trunk Co., Atchison, Kans.  
 Rose, Wm., & Bros., erasers, knives, trowels, Sharon Hill, Pa.  
 Roseberry, W. L., cornices, 345 N. Frazier, Phila., Pa.  
 Roseboom, J. A., & Co., corn brooms, Mattoon, Ill.  
 Roseboom, W. L., & Co., broom corn, 3544 S. Morgan, Chicago, Ill.  
 Roseboro, Chester E., carriages, New Holland, Pa.  
 Rosebrooks & Cummings, cornices & skylights, Webster, Mass.  
 Rosebud Oil & Cotton Co., meal, Rosebud, Tex.  
 Rosedale Contrg. & Supply Co., Delmar & Cates av, St. Louis, Mo.  
 Rosedale Foundry & Machine Co., Washington & Preble, Pittsburgh, Pa.  
 Rosehill Cornice Wks., 5909 N. Clark Chicago, Ill.  
 Roseland Can & Spec. Co., Rockford, Ill.  
 Roseland Farm & Mfg. Co., meat packers, Warrensburg, Mo.  
 Roseland Veneer & Package Co., Ltd., Roseland, La.  
 Rosell, T. J., contractors, Biloxi, Miss.  
 Rosema & Top, contractors, Grand Rapids, Mich.  
 Rosen, A. W., & Co., lamps, plugs, etc., 610 B'way, New York.  
 Rosen, Henry, scrap iron & steel, Toledo, Ohio.  
 Rosen Knitt'g Mills, sweaters, cardigans, etc., 441 Blake av, Brooklyn, N. Y.  
 Rosen, R. O., architect, Powers Bldg., Chicago, Ill.  
 Rosenbaum, C. E., Machinery Co., Little Rock, Ark.  
 Rosenbaum Hdwe. Co., hardware, wholesale, 2610 Washington av, Newport News, Va.  
 Rosenbaum Mfg. Co., machsts., 33 Bleecker, New York.  
 Rosenbaum & Philips, elec. & gas light fixtures, 204 W. Houston, New York.  
 Rosenberg Bros., scrap iron & rubber, Chelsea, Mass.  
 Rosenberg, F., Elev. Co., 174 Reed, Milwaukee, Wis.  
 Rosenberg, J. H., Jr., stone producers, Wheeling, W. Va.  
 Rosenblatt, Hy., plate glass, 148 Fountain, Providence, R. I.  
 Rosenblatt, Wm. (Inc.), scrap tin, brass, 262 Water, New York.  
 Rosenbush & Solomon, bronze powder, 23 S. Desplaines, Chicago, Ill.  
 Rosencrance, Bruce & Clay, flour mills, Mill Creek, W. Va.  
 Rosenfeld, I., cornices, 274 Av B, New York.  
 Rosenfeld Bros., & Co., gin distillers, 169 W. Randolph, Chicago, Ill.  
 Rosengren, Ed., brooms, Lindsborg, Kans.  
 Rosenheim, Alfred F., architect, H. W. Hellman Bldg., Los Angeles, Cal.  
 Rosenhirsch, H., Co., bristles, 10 Goddard, Providence, R. I.  
 Rosensohn, Hyman, architect, 800 Broad, Newark, N. J.  
 Rosenson, D., & Sons, bags & suit cases, 1600 Baronne, New Orleans, La.  
 Rosenson, David, paint mfr., 407 Watkins, Brooklyn, N. Y.  
 Rosenstiel, Chas., & Son, contractors, 606 Reading rd, Cincinnati, Ohio.  
 Rosenstock Chemical Co., disinfecting app., soap, etc., 245 W. 28th, New York.  
 Rosenthal, A. B., architect, 126 W. 3d, Los Angeles, Cal.  
 Rosenthal, Albert, contractor, Garrett Bldg., Baltimore, Md.  
 Rosenthal Bros., silk tassels, 463 Broome, New York.  
 Rosenthal, Christian, soap, Detroit, Mich.  
 Rosenthal & Cohen, packing box mfrs., 53 Great Jones, New York.  
 Rosenthal Corn Husker Co., West Allis, Milwaukee, Wis.  
 Rosenthal & Grosz, architects, 219 Carondelet, New Orleans, La.  
 Rosenthal, H. A., scrap rubber, Trenton, N. J.  
 Rosenthal, Jos., cornices, 220 N. 5th, Phila., Pa.  
 Rosenthal, O. W., & Co., contractors, 80 E. Jackson, Chicago, Ill.  
 Rosenthal's, Jos., Sons, babbitt metal, brass castings, 190 W. Berks, Phila., Pa.  
 Rosenwach, J., wood tanks, 619 Grand, New York.  
 Rosenwald & Weil, rubber sheeting & cloth, 1514 W. Kinzie, Chicago, Ill.  
 Roseville Pottery Co., Linden av, Zanesville, Ohio.  
 Rosewarne, Wm., contractor, Mishawaka, Ind.  
 Rosiclare Lead & Fluorspar Mines, Washington, D. C.  
 Rosie Mill & Gin Co., Rosie, Ark.  
 Rosing, Astrid S., masons' & bldrs.' matls., 111 W. Monroe, Chicago, Ill.  
 Rosman Tanning Extract Co., Rosman, N. C.  
 Ross, Adam, Cut Stone Co., 1003 B'way, Albany, N. Y.  
 Ross Automobile Co., Jefferson & McDougall av, Detroit, Mich.  
 Ross Boiler Co., 3600 Shields av, Chicago, Ill.  
 Ross Bros., Co., garden barrows, whol. hdwe., 90 Front, Worcester, Mass.  
 Ross, C. E., clothes washing machines, Lincoln, Ill.  
 Ross Carriage Mfg. Co., Union City, Ind.  
 Ross & Caso, architects, Bankers Trust Bldg., Waco, Tex.  
 Ross, Chas. & Son Co., paint grinding & mixing machy., 146 Classon av, Brooklyn, N. Y.  
 Ross Construction Co., Sacramento, Cal.  
 Ross, Donald, contractor, 459 7th av, New York.  
 Ross, E. C., canned goods, Seaford, Del.  
 Ross, E. W., Co., agricultural implements, Springfield, Ohio.  
 Ross, Frazer, Iron Co., St. Joseph, Mo.  
 Ross, Fred C., lumber, 517 Warren av, W. Detroit, Mich.  
 Ross Gear & Tool Co., Lafayette, Ind.  
 Ross, Giles, contractor, Wilkes-Barre, Pa.  
 Ross, H. W., Lumber Co., Sioux Falls, S. D.  
 Ross Hardware Co., Eufaula, Ala.  
 Ross Heel Co., South Easton, Mass.  
 Ross, Henry J., architect, 6741 Sheridan rd, Chicago, Ill.  
 Ross, I. R., architect, Winfield, Kans.  
 Ross, Ivory S., granite, Biddeford, Me.  
 Ross, J. A., turpentine, Surrency, Ga.  
 Ross, J. A., & Co., contractors, 4561 Armitage av, Chicago, Ill.  
 Ross, J. J., Mill furnishing Co., Portland, Ore.  
 Ross, J. M., marble prod., Knoxville, Tenn.  
 Ross, Jas., masons' & bldrs.' matls., 141 Erie, Buffalo, N. Y.  
 Ross, John A., contractors, Frankfort, Ind.  
 Ross, John B., & Co., bags & bagging, Charlotte, N. C.  
 Ross, Jos., & Co., cork screws, paper cutters, etc., Irving-ton, N. J.  
 Ross Lumber Co., Knoxville, Tenn.  
 Ross & McNeil, architects, 39 E. 42d, New York.  
 Ross Machine Co., machsts. & fndrs., Lafayette, Ind.  
 Ross Mach. Mfg. Co., tire applying machs., Jamestown, N. Y.  
 Ross Mfg. Co., back saw blades, 1225 Lydia, Kansas City, Mo.  
 Ross Mfg. Co., feed water heaters, Northville, Mich.  
 Ross-Mayer Mfg. Co., leather measuring machines, 1423 Olive, St. Louis, Mo.  
 Ross-Meehan Foundry Co., Chattanooga, Tenn.  
 Ross-Moyer Mfg. Co., harness machy., Cincinnati, Ohio.  
 Ross, P. Sanford, contractor & dock bldr., 277 Washington, Jersey City, N. J.  
 Ross, R. G., contractor, Jacksonville, Fla.  
 Ross, R. J., Mfg. Co., fire proof doors, 4241 Ogden av, Chicago, Ill.  
 Ross & Ralph, granite, Barre, Vt.  
 Ross & Republic Marble Co., Knoxville, Tenn.  
 Ross-Schofield Co., boiler circulators, 17 Battery pl, New York.  
 Ross Structural Iron Wks., Richmond, Va.  
 Ross Supply Co., machsts., Greenville, Ohio.  
 Ross-Tacony Crucible Co., Robins & Milner, Phila., Pa.  
 Ross Thos., & Bros. Soap Co., W. Mound & River, Columbus, O.  
 Ross, Thos. Patterson, architect, 310 California, San Fran., Cal.  
 Ross, U. G., & Bro., contractors, Easton, Md.  
 Ross Valley Mfg. Co., 9 Oakwood av, Troy, N. Y.  
*See adv index at end of book.*  
 Ross, W. A., & Bro., cements, stained glass substitutes, 11 S. William, New York.  
 Ross, W. H., architect, Grand Forks, N. D.  
 Ross, Walter D., htg. contrs., 263 Summer, Boston, Mass.  
 Ross, Warren Lbr. Co., Jamestown, N. Y.  
 Ross, Wm. S., stone producers, wkrs. & dtrs., 254 Douglass, Brooklyn, N. Y.  
 Ross & Williams, canned goods, Princess Anne, Md.  
 Ross-Willoughby Co., mill & facty. supplies, 178 3d, Columbus, O.



- Ross, Wortham Co., car ventilators, McCormick Bldg., Chicago, Ill.
- Ross & Young Mach. Co., Jefferson & McDougall avs, Detroit, Mich.
- Rosbach Art Glass Wks., 101 W. Broad, Columbus, Ohio.
- Rosbach, J. H., & Bros., crude rubber, 55 Frankfort, New York.
- Rosborough, W. J., & Co., elevators, 615 Long av, Cleveland, Ohio.
- Rosseau, S. L., architect, Avalon, Pa.
- Rossell Bros., & Co., revolving chairs, 255 S. 3d, Phila., Pa.
- Rossell, Geo. C., contractor, Triangle Bldg., Rochester, N. J.
- Rossell, Hy., high speed steel, 24 S. Jefferson, Chicago, Ill.
- Rossell, I. S., contractor, 1 Madison av, New York.
- Rossello, P. R., architect, 1489 Mack av, Detroit, Mich.
- Rossendale-Reddaway Belting & Hose Co., belting mfrs., Newark, N. J.
- Rosser, Chas., contractor, Bellaire, Ohio.
- Rosser & Maloney, contractors, Bellaire, Ohio.
- Rossi & Casellini, granite, Barre, Vt.
- Rossi Saddlery Co., St. Joseph, Mo.
- Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
- Rossie Velvet Co., Mystic, Conn.
- Rossiter, J. Morris, contractor, Wayne, Pa.
- Rossiter, MacGovern & Co., machy. dhrs., 90 West, New York.
- Rossiter & Muller, architects, 16 W. 38th, New York.
- Rosslyn Packing Co., meat packers, Rosslyn, Va.
- Rossman, Robert, Co., tile, mosaics, etc., 149 W. 24th, New York.
- Rossman, Roy G., wrapping machines tier, Seattle, Wash.
- Rossney Contrg. Corp., Mutual Life Bldg., Buffalo, N. Y.
- Rossville Canning Co., Rossville, Ill.
- Rossville Distilling Co., Lawrenceburg, Ind.
- Roswell Hardware Co., Roswell, N. M.
- Rostand Mfg. Co., fire place furnishings, auto & car hardware, etc., Milford, Conn.
- Roswell Mfg. Co., cotton sheeting, Roswell, Ga.
- Rotary File & Mach. Co., machsts. & fndrs., 176 N. 4th, Brooklyn, N. Y.
- Rotary Meter Co., 52 Vanderbilt av, New York.
- Rote, A. B., & Co., steel structural wk., Lancaster, Pa.
- Roth, A. L., Co., masons' & bldrs.' matls., Reading, Pa.
- Roth, Adam E., brick, Pottstown, Pa.
- Roth, Andrew, architect, La Crosse, Wis.
- Roth & Augspurger, machsts., Gibson City, Ill.
- Roth-Blum Packing Co., meat, 1490 Fairfax, San Francisco, Cal.
- Roth Bros. & Co., auto. engine starters, 1418 W. Adams, Chicago, Ill.
- Roth, Edward A., architect, Wabash Bldg., Pittsburgh, Pa.
- Roth Elevator Safety Device Co., 7 W. German, Baltimore, Md.
- Roth, Emery, architect, 119 W. 40th, New York.
- Roth, Gottlieb, machst., 602 Beach, Philadelphia, Pa.
- Roth, Henry W., contractor, Nazareth, Pa.
- Roth, J. C., carriages, Lowell, Mich.
- Roth, Jacob, scrap brass, 272 Clinton, Detroit, Mich.
- Roth, Jacob, auto. tops, Erie, Pa.
- Roth, John, architect, 199 Locust, Milwaukee, Wis.
- Roth, John C., Packing Co., meat, 1010 Oehler, Cincinnati, O.
- Roth, Joseph, & Co., knitted gloves, Toledo, Ohio.
- Roth, M. L., contractor, Wilkes-Barre, Pa.
- Roth & Study, archts., Wright Bldg., St. Louis, Mo.
- Rothan, Geo. J., sash, door & blind mfrs., Peoria, Ill.
- Rothchild Engine Co., 102 Centre, New York.
- Rothchild, M. M., carbon paper, 711 S. Dearborn, Chicago, Ill.
- Rothchild, W. S., architect, Rockaway Park, N. Y.
- Rothe, Jos. F., Foundry Co., Green Bay, Wis.
- Rothenberger, D. M., archt., 140 N. Queen, Lancaster, & 348 Greenwich, Reading, Pa.
- Rothert & Heeg, cornices, 1452 Walnut, Cincinnati, Ohio.
- Rothfritz, R. E. K., stone, Asbury Park, N. J.
- Rothfuss-Howard Iron Wks., machsts. & fndrs., Williamsport, Pa.
- Rotholz, A. N., crude rubber, 123 Liberty, New York.
- Rothschild Bros. & Co., button mfrs., 225 4th av, New York.
- Rothschild-Kuno Button Wks., 107 W. 25th, New York.
- Rothschild, Le Roy R., architect, Bulletin Bldg., Phila., Pa.
- Rothschild, M., zinc, 207 Norman av, Brooklyn, N. Y.
- Rothschild, Meyers, & Co., kitchen enameled ware, 30 Irvine pl, New York.
- Rothschild, R., scrap iron, steel & tin, 207 Norman av, Brooklyn, N. Y.
- Rothstein, Morris, architect, 1767 Pitkin av, Brooklyn, N. Y.
- Rothweiler Truck Co., Seattle, Wash.
- Rotier, H. J., architect, Goldsmith Bldg., Milwaukee, Wis.
- Roto Co., boiler cleaners, air & water motors, Hartford, Conn.
- Rotospeed Co., duplicators, Dayton, Ohio.
- Rotthouse, Chas. A., carriages, Edgemoor, Del.
- Roty, A., cornices, 206 High, Buffalo, N. Y.
- Rounce, J. S., machst. & fndr., Ellsworth, Wis.
- Round, D., & Son, chains & hoists (Newburgh), Cleveland, Ohio.
- Round, Harry W., machst. & fndr., Traverse City, Mich.
- Round, Olin H., architect, Oppenheim Bldg., St. Paul, Minn.
- Round Rock Broom Co., Round Rock, Tex.
- Round Top Glass Sand Co., Hagerstown, Md.
- Rounds Elec. Co., decorative elec., lighting, 44 Boylston, Boston, Mass.
- Rounds, T. W., Co. (Ltd.), harness mfrs., 48 Washington, Providence, R. I.
- Rounsville, F. G., masons' & bldrs.' matls., Fowlerville, Mich.
- Rountree, H. W., & Bro. Trunk & Bag Co., Richmond, Va.
- Roure-Bertrand Fils, oils, 18 Cedar, New York.
- Rourke Bros. Co., cornices, 834 Grand av, New Haven, Conn.
- Rourke, Henry L., architect, Hildreth Bldg., Lowell, Mass.
- Rourke, Jno., & Sons, mill & facty. supplies, Savannah, Ga.
- Rouse Constr. Co., Poughkeepsie, N. Y.
- Rouse, Geo., & Son, contractors, Canandaigua, N. Y.
- Rouse & Goldstone, architects, 40 W. 32d, New York.
- Roase, H. B., & Co., machsts., 2214 Ward, Chicago, Ill.
- Rouse, J. S., lumber, Limaburg, Ky.
- Rouse & Phillips, lbr. mfrs., West Oneonta, N. Y.
- Rouseville Supply Co., mill, facty. & oil well supplies—wholesale hdwe., Rouseville, Pa.
- Rouss, C. B., wholesale hdwe., 549 B'way, New York.
- Rousseau, A. F., & C. M., archts., Monadnock Bldg., San Francisco, Cal.
- Rousseau, Chas. J., architect, Maskey Bldg., San Fran., Cal.
- Rousseau Co., architects, 2 E. 23d, New York.
- Rousseau & Rousseau, architects, 110 Sutter, San Fran., Cal.
- Roussel, Albert C., marble importers, 524 W. 50th, New York.
- Routh, W. C., & Co., meat packers, Logansport, Ind.
- Roux, E. T., & Son, sash, door & blind, Plant City, Fla.
- Roux Granite Co., Barre, Vt.
- Rouzer, John, Co., contractors, 71 Wyandot, Dayton, Ohio.
- Rowan Canning Co., Salisbury, N. C.
- Rowan Controller Co., electric controller mfrs., Balto., Md.
- Rowan County Freestone Co., Farmers, Ky.
- Rowan, Hy. A., Jr., machst., 2036 Sansom, Philadelphia, Pa.
- Rowan, P. P., Co., whol. hdwe., 920 Peridido, New Orleans, La.
- Rowat Cut Stone Co., Des Moines, Ia.
- Rowbottom Machine Co. (The), bench power presses, corn mill-ing machines, cams, disc grinders, etc., Waterbury, Conn., factory, Waterville, Conn.
- Rowe, A. C., & Son, watchmen's portable clocks, 280 B'way, New York.
- Rowe, A. E., contractor, Kansas City, Kans.
- Rowe, Alvin L., brick, Eliot, Me.
- Rowe Calk Co., steel toe-calks, Hartford, Conn.
- Rowe Contracting Co., Chestnut Hill av, Boston, Mass.
- Rowe, E. H., lumber, Achilles, Va.
- Rowe, E. L., & Son, contractors' tents, flags, hammocks, etc., Gloucester, Mass.
- Rowe, Frank E., architect, New Milford, Conn.
- Rowe, Geo., & Son, saws, 121 W. 2d, Cincinnati, Ohio.
- Rowe & Giles Lumber Co., Chagrin Falls, Ohio.
- Rowe, Henry, Mfg. Co., automatic wood turnings, Newaygo, Mich.
- Rowe, Jas., machst., 1058 W. Harrison, Chicago, Ill.
- Rowe, John A., cut stone Co., Bedford, Ind.
- Rowe, Joseph W., architect, Schlueter Bldg., Dallas, Tex.
- Rowe, L. L., furnace regulators, washers, etc., 74 Portland, Boston, Mass.
- Rowe, Linden P., architect, 53 W. Jackson blvd, Chicago, Ill.
- Rowe, M. A., machst. & fndr., Martinsville, Ill.
- Rowe Mfg. Co., farm gates, hog oilers, Galesburg, Ill.
- Rowe Motor Mfg. Co., auto bldrs., Downingtown, Pa.
- Rowe Ring-Point Co., case hardening compounds & welding plates, Hartford, Conn.
- Rowe Sanitary Mfg. Co., chemical closets, 210 6th av, Detroit, Mich.
- Rowe & Smith, archts., 1123 B'way, New York, & 161 Devonshire, Boston, Mass.
- Rowe, Thomas F., archt., 518 Main, Worcester, Mass.
- Rowe, W. A., & Co., fertilizer, Comer, Ga.
- Rowekamp, Bernard J., steel structural wk., 2620 Colerain av, Cincinnati, Ohio.
- Rowell, D. G., machy., Appleton, Wis.
- Rowell, E. P., masons' & bldrs.' matls., Newport, N. H.
- Rowell, G. D., & Son, car movers & pushers, Appleton, Wis.
- Rowell, I. B., Co., agricultural implements, Waukesha, Wis.
- Rowell, J. C., contractor, Petersburg, Va.
- Rowell & Plummer, contractors, Concord, N. H.
- Rowell, W., lumber mfr., Sunapee, N. H.
- Rowena Stone & Sand Co., Johnstown, Pa.
- Rowe's, Robt., Sons, carriages & wagon wheels, Brentwood, N. H.
- Rowesville Oil Co., meal, Rowesville, S. C.
- Rowie, E. W., flour mills, Daleville, Va.
- Rowland, Alonzo, contractor, 4322 Pechin, Rox., Phila., Pa.
- Rowland & Branch, contractors, Augusta, Ga.
- Rowland Bros., masons' & bldrs.' matls., Bevier, Mo.
- Rowland Buggy Co., Sumter, S. C.
- Rowland, Chas. P., glass stainers, Binghamton, N. Y.
- Rowland, J. H., Granitoid Constr. Co., 610 Chestnut, St. Louis, Mo.
- Rowland, John B., fertilizer mfr., Monmouth Junction, N. J.
- Rowland, John R., charcoal, Clementon, N. J.
- Rowland, John T., Jr., architect, 100 Sip av, Jersey City, N. J.
- Rowland, Jos. H., Granitoid Const., Co., 610 Chestnut, St. Louis, Mo.
- Rowland Lbr. Co., Norfolk, Va.
- Rowland Mach. Co., New Haven, Conn.
- Rowland Mfg. Co., storm sash hangers, Denver, Colo.
- Rowland Sheet Iron & Cornice Wks., 3713 Cass av, St. Louis, Mo.
- Rowland, T. T., & Son, agricultural implements, Tuscumbia, Ala.
- Rowland, Wm., & Harvey, springs, Tacony & Lewis, Phila., Pa.
- Rowlands, John C., architect, Homestead, Pa.



Rowles, E. W. A., church & school furniture, 327 S. Market, Chicago, Ill.

Rowley Bros., contractors, 812 W. 63d, Chicago, Ill.

Rowley, C. B., contractor, Brainerd, Minn.

Rowley, Frank G., Co., contractor, Pawtucket, R. I.

Rowley, John F., architect, 477 5th av, New York.

Rowley, Wm. M., & Co., lumber mfrs., Cuba, N. Y.

Rowntree, Jno. T., metals, Denver, Colo.

Rowton, H. A., roll coverers, Fitchburg, Mass.

Roxana Petroleum Corp., Tulsa, Okla.

Roxbury Construction Co., 42 Wentworth, Boston, Mass.

Roxbury Shoe Thread Co., 35 Wormwood, Boston, Mass.

Roxton Cotton Oil Co., meal, Roxton, Tex.

Roy, B. S., & Son Co., textile machy., etc., Worcester, Mass.

Roy Bros., lbr. mfrs., East Barnet, Vt.

Roy & Dye, flour mills, Mintonville, Ky.

Roy, E. B., Lumber Co., Seattle, Wash.

Roy Engng. & Iron Wks., machsts. & fndrs., 51 Otsego, Brooklyn, N. Y.

Roy, Franz, architect, 9140 Commercial av, Chicago, Ill.

Roy, J. A., brick, Lafayette, La.

Roy, Melvin S., architect, Mt. Clemens, Mich.

Roy Plow Co., fndrs., Paragould, Ark.

Roy & Titcomb, mill & facty. supplies, Nogales, Ariz.

Roy Watch Case Co., 81 Prospect, Brooklyn, N. Y.

Royal Art Glass Co., 243 Canal, New York.

Royal Blue Slate Co., roofing slate mfrs., Slatedale, Pa.

Royal & Borden, cotton felts, Goldsboro, N. C.

Royal Brass Mfg. Co., machsts. & fndrs., 1417 E. 43d, Cleve., O.

Royal Bronze Ink Co., 150 N. 6th, Philadelphia, Pa.

Royal Button Wks., 35 W. 21st, New York, & 505 Market, Philadelphia, Pa.

Royal Chair Co., Sturgis, Mich.

Royal Chandelier Works, Allentown, Pa.

Royal Chemical Co., platers' & polishers' compounds, alkali, soap, etc., Phenix, R. I.

Royal China Co., Sebring, Ohio.

Royal Comb. Co., celluloid combs, Leominster, Mass.

Royal Display Fixture Co., 812 B'way, New York.

Royal Elec. Co., lightning arresters, Sidney, Ohio.

Royal Enameling Mfg. Co., metallic shades, car signs, Des Plaines, Ill.

Royal Equipment Co., auto brakes, asbestos packing, etc., Bridgeport, Conn.

Royal Fibre Co., brake bands, W. Somerville, Mass.

Royal Gas Light Co., 18 W. Kinzie, Chicago, Ill.

Royal Glue Co., 210 N. S. W., Washington, D. C.

Royal Heating Co., 280 Minna, San Francisco, Cal.

Royal Iron & Mfg. Co., Big Prairie, Ohio.

Royal Knitting Mills, sweaters, etc., 310 S. Racine av, Chicago, Ill.

Royal Lamp Co., Cleveland, Ohio.

Royal Lumber Co., Atlanta, Ga.

Royal Mfg. Co., cotton waste, Rahway, N. J.

Royal Mfg. Co., frying baskets, pot covers, Denckla Bldg., Philadelphia, Pa.

Royal Mfg. Miller-Hoefer Co., silver nov., 89 Jefferson av, Detroit, Mich.

Royal Metal Furniture Co., 125 8th, Brooklyn, N. Y.

Royal Metal Mfg. Co., metallic furniture, 2318 S. Western av, Chicago, Ill.

Royal Milling Co., flour, Nashville, Tenn.

Royal Mills, bags & bagging, Charleston, S. C.

Royal Motor Truck Co. of N. Y., 112 8th av, New York.

Royal Music Roll Co., 2964 Main, Buffalo, N. Y.

Royal Packing Co., canned goods, Los Angeles, Cal., Milton, Del., & Windfall, Ind.

Royal Polishing Wks., 255 Centre, New York.

Royal River Mfg. Co., bags, twine, etc., Yarmouth, Me.

Royal River Packing Co., canned goods, Portland, Me.

Royal Steam Heater Co., Gardner, Mass.

Royal Stove Co., stove mfrs., Spring City, Pa.

Royal Telephone Co., binding posts, Milford, Ind.

Royal Typewriter Co., 366 B'way, New York.

Royal Varnish Co., Toledo, Ohio.

Royal Ventilator Co., 415 Locust, Philadelphia, Pa.

Royall Cotton Mills, Wake Forest, N. C.

Royden Marble Machy. Co., 220 5th av, New York.

Roydhouse, Arey, Co., contractors, Fidelity Bldg., Phila., Pa.

Royer, Chas., brick, Belle Center, Ohio.

Royer, Jos. W., architect, Flatiron Bldg., Urbana, Ill.

Royer & Zwiebel, governors—electric hoist, Wilkes-Barre, Pa.

Royersford Foundry & Machine Co., machy. mfrs., Royersford, Pa.

Royle, John, & Sons, machsts., Paterson, N. J.

Roys Heat Control Co., 913 Gates av, Brooklyn, N. Y.

Royse Cotton Oil Co., meal, Royse City, Tex.

Royster Chemical Wks., acid mfrs., Norfolk, Va.

Royster, F. S., Guano Co., fertilizer mfrs., Columbus, Ga., & Norfolk, Va.

Royston Guano & Warehouse Co., Royston, Ga.

R. P. K. Pressed Metal Co., shoe-trees & sheet metal stamping, Bridgeport, Conn.

R. & R. Rectifier Co., Midway, Fla.

R. R. Sign Co., Dayton, Ohio.

R. & S. Mach. Co., 24 L. S. Boston, Mass.

Ruaddy Playthings Mfg. Co., toys, dolls, etc., Kansas City, Mo.

Ruark, Lafayette, canned goods, Westover, Md.

Rubber & Celluloid Harness Trimming Co., 56 Ferry, Newark, N. J.

Rubber Clothing Co., 727 B'way, New York.

Rubber Fibre Co., sheet packing & shoe cover mfrs., 560 First, Boston, Mass.

Rubber & Gauyle Agency, crude rubber, 108 Water, New York.

Rubber Goods Mfg. Co., B'way & 58th, New York.

Rubber Insulated Metals Corp., pliers, screw-drivers, Plainfield, N. J.

Rubber & Metal Supply Co., 157 South, New York.

Rubber Paint Co., paint mfrs., Baito., Mo.

Rubber Products Co., Barberton, Ohio.

Rubber Regenerating Co., rubber (reclaimed), Naugatuck, Conn.

Rubber Roofing Mfg. Co., 5 Cortlandt, New York.

Rubber Step Mfg. Co., killers—fly swatters, Exeter, N. H.

Rubber Stopples Co., rubber goods, West av, Long Island City, N. Y.

Rubber Trading Co., 9 Murray, New York.

Rubber Waste Co., 1724 Park av, New York.

Rubberhide Co., rubber boots, 212 Essex, Boston, Mass.

Rubberset Co., auto. tire preserver, roofing & carbon brushes, etc., 56 Ferry, Newark, N. J.

Rubel Loose Leaf Mfg. Co., 314 W. Superior, Chicago, Ill.

Rubelman, G. A., Hdwe. Co., 907 N. 6th, St. Louis, Mo.

Rubelmann, Lucas, Hdwe. Co., 1939 N. B'way, St. Louis, Mo.

Rubenstein, L., jewelry cases, 380 Lafayette, New York.

Rubes Elec. Devices, elec. & gas light portables, 255 Classon av, Brooklyn, N. Y.

Rubin, Jacob, plate glass, 11 James, New York.

Rubino, A. Francis, architect, Warner Bldg., Bridgeport, Conn.

Rubinow Edge Tool Wks., 35 Vesey, Newark, N. J.

Ruble & Lemon, canned goods, Nace, Va.

Rub-No-More Co., acids, soap, Ft. Wayne, Ind.

Ruboil Belting Co., 8th & Wallace, Philadelphia, Pa.

Rub-On Mfg. Co., valve reseating tools, 216 Niagara, Buffalo, N. Y.

Rubottom Plow Fcty., machsts., Felton, Cal.

Rubsam, W. A., stone producers, Springfield, Ohio.

Rubush & Hunter, architects, Amer. Cent. Life Bldg., Indianapolis, Ind.

Ruby Carriage Co., Louisville, Ky.

Ruby Chemical Co., soldering flux, Columbus, Ohio.

Ruby, Geo. H., Hardware Co., Oneida, N. Y.

Ruby Lumber Co., masons, & bldrs.' matls., Madisonville, Ky.

Ruby Mfg. Co., elec. illum. signs, Jackson, Mich.

Ruby Mfg. Co., oil & grease guns & syringes, Tuckahoe, N. Y.

Ruby, R. B., masons' & bldrs.' matls., Oneida, N. Y.

Ruch Auto Top Co., auto. trunks, Mt. Vernon, N. Y.

Ruch, John, cornices, Richmond, Ind.

Ruckel Art Glass Co., Pugh Bldg., Cincinnati, Ohio.

Ruckel, J. H., & Son, mill & facty. supplies, 81 Main, Buffalo, N. Y.

Rucker, Benton & Co., flour mills, Waco, Ky.

Rucker Bros., lumber mfrs., Lake Stevens, Wash.

Rucker, J. B., & Son, flour, Troup, Tex.

Rucker Quarries, stone producers, Greenfield, Ohio.

Ruckman Bros., fertilizer mfrs., New Brunswick, N. J.

Rud, C. O., & Co., wagons, Lansing, Ia.

Ruddell, Geo. B., architect, 721 Main, Hartford, Conn.

Ruddell, Geo. W., Co., contractors, 30 W. 42d, New York.

Rudder Publishing Co., 9 Murray, New York.

Ruddock Bucket Co., 1501-1513 University rd, Cleveland, Ohio.

Ruddock Orleans Cypress Co., Carrollton av & New Basin, New Orleans, La.

Ruddock Yacht Wks., 213th & Harlem River, New York.

Ruddy, M. J., contractor, Scranton, Pa.

Ruddy & Saunders Constr. Co., Troy, N. Y.

Rude, C. O., masons' & bldrs.' matls., South Bend, Wash.

Rude Mfg. Co., agricultural implements, Liberty, Ind.

Rudge & Guenzel Co., mattresses, Lincoln, Neb.

Rudge Jno. Foundry Co., Port Huron, Mich.

Rudge-Merle Co., machsts. & fndrs., 198 Bay, San Francisco, Cal.

Rudman, C., tinware mfrs., 57 Fulton, New York.

Rudolf Piano Co., 220 So. Blvd, New York.

Rudolph & Son Co., cornices, skylights, 416 Prospect av, N. W., Cleveland, Ohio.

Rudolph & West Co., wholesale hdwe., 1332 New York av, Washington, D. C.

Rudolph, Wm. F., experimental & models wk., 1308 Girard av, Philadelphia, Pa.

Rudy Bros. Co., glass stainers, Highland & Center, Pittsburgh, Pa.

Rudy Brown Co., brooms, Madisonville, Ky.

Rue, F. E., architect, 1610 Alamo, Houston, Tex.

Rue, John C., masons' & bldrs.' matls., Gallipolis, Ohio.

Rue Mfg. Co., boiler washing systems & injectors, 228 Cherry, Philadelphia, Pa.

Ruebel, Jno., Constr. Co., Colerain & Virginia avs, Cincinnati, Ohio.

Rueckert, Jacob J., architect, Allen Bldg., Cincinnati, Ohio.

Rueckert Mfg. Co., jewelry cases, 162 Clifford, Providence, R. I.

Ruecking Const. Co., contrs., Marine av & Gasconade, St. Louis, Mo.

Ruedlinger, C. N., landscape architect, 2929 Colfax av, S. Minneapolis, Minn.



- Ruedy, Albert, meat packer, Toledo, O.  
 Ruegg Bros., contractors, Pacific Bldg., San Francisco, Cal.  
 Ruehle, E. G., & Co., architects' instruments & supplies, 119 Fulton, New York.  
 Ruehle, John, fertilizer mfr., Defiance, Ohio.  
 Ruehrmund, Carl, architect, Allison Bldg., Richmond, Va.  
 Ruemmel-Dawley Mfg. Co., machsts. & fndrs., 3900 Chouteau av., St. Louis, Mo.  
 Ruesch, H. J., Mach. Co., 407 Mulberry, Newark, N. J.  
 Ruese, E. F., 111 Bay, Sidney, Ohio.  
 Rueth, Jos., archl. iron, 462 10th av., New York.  
 Ruf, Herman P., machsts., 93 Crosby, New York.  
 Ruff, E. G., canned goods, Delta, Pa.  
 Ruff & Rehmyer, canned goods, Woodbine, Pa.  
 Ruffini, Oscar, architect, San Angelo, Tex.  
 Rugby Distillery Co., Louisville, Ky.  
 Rugby Milling Co., flour, Rugby, N. D.  
 Ruge Bros. Canning Co., Apalachicola, Fla.  
 Ruger, J. W., Mfg. Co., engines, Buffalo, N. Y.  
 Ruger, Louis, cornices, 1603 N. 4th, Philadelphia, Pa.  
 Rugg, C. H., Co., plate glass, sash, door & blind mfrs., Rochester, N. Y.  
 Rugg, C. H., Co., sash, door & blind mfrs., 101 Park av., New York.  
 Rugg Construction Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Rugg, E. T., & Co., halters & rope, Newark, Ohio.  
 Rugg Mfg. Co., wood handles, Greenfield, Mass.  
 Ruggles-Coles Engineering Co., dryers, 50 Church, New York.  
 Ruggles, Edw. A., architect, Rose Bldg., Cleveland, Ohio.  
 Ruggles, L. H., architect, Tulsa, Okla.  
 Ruggles Mach. Co., machsts. & fndrs., Poultney, Vt.  
 Ruggles, Walter G., Co., exhaust heads, 54 High, Boston, Mass.  
 Ruh, Geo. W., trunks, Bloomington, Ill.  
 Ruhe & Lange, architects, 10 N. 6th, Allentown, Pa.  
 Ruhl, Geo. S., carriages, Bucyrus, Ohio.  
 Ruhl, J. W., stone producers, Covington, Ohio.  
 Ruhle & Borer, machsts. & fndrs., 517 W. 45th, New York.  
 Ruhle, Christian, masons' & bldrs.' matls., Kankakee, Ill.  
 Ruhlen & Miller, contractors, Lima, Ohio.  
 Ruhmann, G. E., furnaces, Schulenburg, Tex.  
 Ruickwork Co., sheet metal workers, machines & tools, St. Marys, Ohio.  
 Ruka Bros. Mfg. Co., Ltd., masons' & bldrs.' matls., Boscobel, Wis.  
 Ruke Carleton Co., tannery machy., Olean, N. Y.  
 Rule, Geo. B., contractor, New Brunswick, N. J.  
 Ruley-Covington Packing Co., canned goods, Tilghman, Md.  
 Rulifson, J. W., architect, Jamestown, N. Y.  
 Rullman & Wilson, marble exterior wk., Lafayette E. of Mt. Royal, Baltimore, Md.  
 Rulofson, A. C., Co., box straps, Monadnock Bldg., San Francisco, Cal.  
 Rumely, M. C., Co., traction engines, La Porte, Ind.  
 Rumely, M., Co., machsts. & fndrs., Battle Creek, Mich., & Richmond, Ind.  
 Rumely-Wachs Machy. Co., 121 N. Jefferson, Chicago, Ill.  
 Rumery, F. A., Co., contractors, Portland, Me.  
 Rumley, M., Co., machsts. & fndrs., La Porte, Ind.  
 Rummel, H. F. L., sashes, doors & blinds, Reading, Pa.  
 Rummel, Wm. B., mfrs. interior hardwood wk., 367 W. 11th, New York.  
 Rump, Fred J., contractor, Fort Wayne, Ind.  
 Rumpp, C. F., & Sons, advtg. nov. & spec., 5th & Cherry, Philadelphia, Pa.  
 Rumrill & Co., seamless tin boxes, 52 Purchase, Boston, Mass.  
 Rumsey, C. J., & Co., wholesale hdwe., Ithaca, N. Y.  
 Rumsey, F. A., Co., bldg. contrs., Portland, Me.  
 Rumsey & Greetert Co., crude rubber, 23 Beaver, New York.  
 Rumsey, L. M., Mfg. Co., plumbers', mill & facty. supplies, 810 N. 2d, St. Louis, Mo.  
 Rumsey Pump Co., Ltd., Seneca Falls, N. Y.  
*See adv index at end of book*  
 Rumsey Pump & Machine Co., 75 Warren, New York.  
 Rumscool Metal Co., 1095 Niagara, Buffalo, N. Y.  
 Runde, Otto, architect, 4831 Barry av., Chicago, Ill.  
 Rundio, Nelson L., fndrs., Williamsport, Pa.  
 Rundle, A. J., mill & facty. supplies, Iron Mountain, Mich.  
 Rundle Mfg. Co., machsts. & fndrs., 27th & Wahl, Milwaukee, Wis.  
 Rundle-Spence Mfg. Co., plumbers' mill & facty. supplies, jobbers, 63 2d, Milwaukee, Wis.  
 Runge, H., & Co., machy. dtrs., Cuero, Tex.  
 Runions, R. W., & Co., bldg. contrs., Superior, Wis.  
 Runnells, O. E., masons' & bldrs.' matls., Lawrence, Mass.  
 Runnels, E. A., & Co., games, toys, etc., 116 Pearl, Boston, Mass.  
 Runner, D. M., contractor, Corning, N. Y.  
 Runquist, Jno., bldg. contr., Duluth, Minn.  
 Runsvick, J. A., contractor, 750 Garfield av., Salt Lake City, Utah.  
 Runyan, C. C., & Son, cornices, Mansfield, Ohio.  
 Runyan & Co., lumber, Pensacola, Fla.  
 Runyan, Edwin S., architect, 220 Devonshire, Boston, Mass.  
 Runyon, A. D., fertilizer mfr., Millington, N. J.  
 Runyon Bros., boxes (tobacco), Eaton, Ohio.  
 Runyon, J. D., Mfg. Co., 190 1st, Jersey City, N. J.  
 Runyon & Ogden Co., htg. contrs., Binghamton, N. Y.  
 Runzel-Lenz Elec. Mfg. Co., tel. cords, tips, etc., 1751 N. Western av., Chicago, Ill.  
 Rupert, G. G., gun cleaning tools, Decatur, Ill.  
 Rupp Bros., Inc., architects, 189 Montague, Brooklyn, N. Y.  
 Rupp, Geo., & Bros. Co., scrap iron & steel, Quincy, Ill.  
 Rupp, Geo., Packing Co., meat packers, Hamilton, Ohio.  
 Rupp, Harry R., masons' & bldrs.' matls., Egg Harbor, N. J.  
 Rupp, J. J., lbr. mfrs., Saginaw, Mich.  
 Rupp, John J., stone, 2135 Fillmore, Buffalo, N. Y.  
 Rupp, Jos. F., Bldg. & Contr. Co., 1901 E. Warne av., St. Louis, Mo.  
 Rupp Mfg. Co., machsts., Hagerstown, Md.  
 Rupp, Michael, & Co., nautical instruments, 112 Broad, New York.  
 Rupp, William (Mrs.), potteries, Harrison, Ohio.  
 Ruppert, R. A., Co., cornices, Holyoke, Mass.  
 Rupprecht Co., stone producers, 129 Pennsylvania av., N. W., Washington, D. C.  
 Ruprecht Elec'l. Co., rectifiers, Cleveland, Ohio.  
 Ruprecht, W. & F., contrs., 8011 S. B'way, St. Louis, Mo.  
 Rupright Bros., masons' & bldrs.' matls., Van Wert, Ohio.  
 Rusche, J. P., contractor, Grand Rapids, Mich.  
 Rush, E., & Rush, architects, Tulsa, Okla.  
 Rush Eraser Co., Syracuse, N. Y.  
 Rush, Frank H., contractor, 393 Greene av., Brooklyn, N. Y.  
 Rush, John H., contractor, Pottstown, Pa.  
 Rush, Louis H., architect, 130 S. 15th, Philadelphia, Pa.  
 Rush Motor Truck Co., 1014 N. Front, Philadelphia, Pa.  
 Rushmore Dynamo Wks., machsts. & fndrs., Plainfield, N. J.  
 Rushton-Carroll Co., textile machinery, 34 Tudor, Cambridge, Mass.  
 Rushton-Carroll Co., waste end conveyors, 10 Ethan, Providence, R. I.  
 Rushton Cotton Mills, Griffin, Ga.  
 Rushton, J. H., motor boat bldrs., Canton, N. Y.  
 Rushton, J. W., sash, door & blind, Canton, N. Y.  
 Rushton, Sidney P., canoes, boat oars, Canton, N. Y.  
 Rushworth, Linblad & Corcilious, architects, Jamestown, N. Y.  
 Rushworth & Son, machsts., Jamestown, N. Y.  
 Rusk Bros., masons' & bldrs.' matls., Mansfield, Ohio.  
 Rusk, Robert V., contractor, Evans Bldg., Washington, D. C.  
 Rusk & Sheets, architects, Brunson Bldg., Columbus, Ohio.  
 Rusler, H. B., Mfg. Co., machinists, Johnstown, Ohio.  
 Rusling Co., steel tanks & towers, 39 Cortlandt, New York.  
 Russ, C., & Co., carriages, 263 Northampton, Boston, Mass.  
 Russ Co., faucets, plugs, pumps, refrigerators, 5700 Walworth av., Cleveland, Ohio.  
 Russ, J. B., mill & facty. supplies, Houston, Tex.  
 Russ Lumber & Mill Co., San Diego, Cal.  
 Russ, W. E., architect, Merchants' Bk. Bldg., Indianapolis, Ind., & Furniture Bldg., Evansville, Ind.  
 Russe & Burgess, lumber, Memphis, Tenn.  
 Russell, Howland, architect, Hathaway Bldg., Milwaukee, Wis.  
 Russell Wheel & Foundry Co., car builders, Detroit, Mich.  
 Russell, A. N., & Sons Co., store fixtures, Ilion, N. Y.  
 Russell, Albert, & Sons Co., mill & facty. supplies, Newburyport, Mass.  
 Russell, Ambrose J., architect, Chamber of Commerce Bldg., Tacoma, Wash.  
 Russell, Benton S., architect, Tarrytown, N. Y.  
 Russell & Boyd Bldg. Co., contractors, 41 Central av., Albany, N. Y.  
 Russell Box Co., folding paper boxes, Chelsea, Mass.  
 Russell Bronze Co., elec. light fix. mfrs., 151 E. Chicago av., Chicago, Ill.  
 Russell Bros., carriages, Lexington, Mo.  
 Russell Bros. & Estes Co., turned wood nov., etc., Farmington, Me.  
 Russell, Burdsall & Ward Bolt & Nut Co., Rock Falls, Ill.  
 Russell, C. A. & F. N., architects, 50½ Warren, Roxbury, Boston, Mass.  
 Russell, C. H., architect, Story Bldg., Los Angeles, Cal.  
 Russell Car & Snow Plow Co., Ridgway, Pa.  
 Russell Chemical Co. (Ltd.), Russell, Pa.  
 Russell & Co., agricultural implements, Massillon, Ohio.  
 Russell Constr. Co., Superior, Wis.  
 Russell, Daniel, Boiler Wks., steel plate wk., 93 Boston, Boston, Mass.  
 Russell-DeWolfe Co., advtg. counsellors, 537 S. Dearborn, Chicago, Ill.  
 Russell, E. L., Co., storage battery charging sets, 708 State Life, Indianapolis, Ind.  
 Russell, Edw. G., machst., Chesham, N. H.  
 Russell Elec. Co., fire alarms, Danbury, Conn.  
 Russell & Erwin Mfg. Co., hdwe. mfrs., New Britain, Conn., & 96 Lafayette, New York.  
 Russell Fdry. & Mach. Wks., 51 6th, Long Island City, N. Y.  
 Russell, Frank B., lbr. mfrs., Louisville, Ky.  
 Russell, Frank, Glove Co., Berlin, Wis.  
 Russell, G. A., contractor, Bloomington, Ill.  
 Russell, G. E., & Co., mill & facty. supplies, Holyoke, Mass.  
 Russell Grader Mfg. Co., 2005 Univ. av., S. E., Minneapolis, Minn.  
 Russell, Greene, Foell Co., contrs., Higgins Bldg., Los Angeles, Cal.  
 Russell, H. B., architect, 9 Park, Boston, Mass.  
 Russell, H. J., auto. windshields, Worcester, Mass.  
 Russell Hardware Co., McAlistar, Okla.



- Russell, J. C., cornices & skylights, Columbus, Ga.  
 Russell, J. C., Shovel Co., 336 4th av, Pittsburgh, Pa.  
 Russell, J., & Co., wholesale hdwe. & mill & facty supplies, 361 Dwight, Holyoke, Mass.  
 Russell, J. M., architect, Lumberton, N. C.  
 Russell, J. M., Mfg. Co., machsts. & fndrs., Naugatuck, Conn.  
 Russell, J. N., Lumber Co., Bowling Green, Ky.  
 Russell, J. W., Co., metal signs, 294 Pearl, New York.  
 Russell, Jas., Boiler Wks. Co., 307 C., Boston, Mass.  
 Russell, Jas., Co., meat, Ogden, Utah.  
 Russell & Jennison Co., contractors, 312 Huron, Toledo, Ohio.  
 Russell, John B., Knife Wks., Napanoch, N. Y.  
 Russell, Jno., Cutlery Co., Turners Falls, Mass.  
 Russell, Jno. W., & Sons Co., mill & facty. supplies, Springfield, Mass.  
 Russell & King, architects, Now blk, Syracuse, N. Y.  
 Russell Knitting Wks., gloves & mittens, Springfield, Mass.  
 Russell, L. R., mattresses, Bay City, Mich.  
 Russell, Lewis E., architect, 25 N. Dearborn, Chicago, Ill.  
 Russell, Lewis H., architect, 3916 N. H. av, N. W., Wash., D. C.  
 Russell, M. C., contractor, Springfield, Ohio.  
 Russell Machine Co., 28th, Pittsburgh, Pa.  
 Russell Mfg. Co., belting, halters & cotton webbing, Middletown, Conn.  
 Russell Mfg. Co., machsts., Greenfield, Mass.  
 Russell, Marble J., & Co., mill & facty. supplies & plate glass, Worcester, Mass.  
 Russell-Miller Milling Co., flour, Valley City, N. D.  
 Russell Milling Co., flour, Russell, Kans.  
 Russell Motor Axle Co., jack shafts, North Detroit, Mich.  
 Russell & Palmer, mill & facty. supplies, Batavia, N. Y.  
 Russell, Percy, electric-Dental machy., 12 E. 23d, New York.  
 Russell Playing Card Co., Milltown, N. J.  
 Russell, Robert G., flour, South Lowell, N. C.  
 Russell & Russell, mattresses, South Bend, Ind.  
 Russell, Sam'l G., contractor, 185 Church, New Haven, Conn.  
 Russell Sewage Disposal Co., 175 W. Jackson blvd, Chicago, Ill.  
 Russell Specialty Mfg. Co., fibre specialties, 317 S. Clinton, Chicago, Ill. *See adv index at end of book.*  
 Russell, Stanislaus, architect, 2900 Clifton av, Baltimore, Md.  
 Russell & Stoll Co., junction boxes, lamps, plugs, etc., 17 Vandewater, New York.  
 Russell, Thos. N., lumber, Lacey, Wash.  
 Russell & Trieber, stone producers, Elgin, Ill.  
 Russell, W. C., Mocassin Co., Berlin, Wis.  
 Russell, W. L., Box & Lbr. Co., McKees Rocks, Pa.  
 Russell, W. L., & Son, canned goods, Mila, Va.  
 Russell, W. R., & Co., crude rubber, 96 Wall, New York.  
 Russell & Watson, lamps, 225 Washington, Buffalo, N. Y.  
 Russell, Wm. J., architect, 25 W. 42d, New York.  
 Russell, Wm. J., & Co., contractors, 58 W. Wash., Chicago, Ill.  
 Russell, Wilson Raymond, archit., 100 E. Lexington, Balto., Md.  
 Russell Wind Stacker Co., 1001 Shelby, Indianapolis, Ind.  
 Russellville Iron Works, Russellville, Ark.  
 Russellville Packing Co., Russellville, Ohio.  
 Russia Cement Co., belt-dressing, Gloucester, Mass.  
 Rust Engineering Co., Farmers Bank Bldg., Pittsburgh, Pa.  
 Rust, Lawrence, & Sons, cornices & skylights, Newport, Ky.  
 Rust & Olin, lumber mfrs., Ellicottville, N. Y.  
 Rust-Owen Lumber Co., Drummond, Wis.  
 Rust Proof Roller Window Screen Co., Clyde, Ohio.  
 Rust & Swift, contrs., St. Louis, Mo.  
 Rustburg Canning Co., Rustburg, Va.  
 Ruston Endry, & Mach. Shop, Alexandria, La.  
 Ruston, Geo. J., contrs., Syracuse, N. Y.  
 Ruston Hardware & Furn. Co., Ruston, La.  
 Ruston Mfg. Co., lumber, Ruston, La.  
 Ruston Oil Mill & Fertilizer Co., Ruston, La.  
 Rutan, John W., masons' & bldrs.' matls., 1305 Arch, Phila., Pa.  
 Rutan & Russell, architects, Magee Bldg., Pittsburgh, Pa.  
 Rutger's College, engng. schools & coll., New Brunswick, N. J.  
 Ruth, Ario A., contractor, Hazleton, Pa.  
 Ruth, B. F., & Co., putty-glaziers' & painters', Reading, Pa.  
 Ruth Glass Co., glass rods, tubing, etc., Conshohocken, Pa.  
 Ruth, H. I., lumber, Poplar Bluff, Mo.  
 Ruth, J. F., cornices & skylights, 4299 Easton av, St. Louis, Mo.  
 Ruth Mach. Co., tex. machy., York, Pa.  
 Rutherford Bros. Co., elec. & gas light fixtures, Muncie, Ind.  
 Rutherford, Chas. W., masons' & bldrs.' matls., Chillicothe, O.  
 Rutherford & Co., brick, Augusta, Ga.  
 Rutherford, D. W., dock bldrs., Tacoma, Wash.  
 Rutherford, F. D., archit., McIntyre Bldg., Salt Lake City, Utah.  
 Rutherford, Geo. A., Co., contractors, 2160 E. 18th, Cleve., O.  
 Rutherford, Herman C., archit., 316 N. Wash. av, Scranton, Pa.  
 Rutherford, I., stone producers, Dowagiac, Mich.  
 Rutherford, J., & Son, stoves, heaters, Akron, Ohio.  
 Rutherford Paper Co., paper bags, Tarentum, Pa.  
 Rutherford Rubber Co., tires, etc., Rutherford, N. J.  
 Rutherford, Wm., wall paper cleaners, 2433 Leland av, Chicago, Ill.  
 Ruthon Elec. Co., New York.  
 Ruthven, R. C., contractor, Scranton, Pa.  
 Rutland Canning Co., Rutland, Ohio.  
 Rutland Fire Clay Co., Rutland, Vt.  
 Rutland Fire Clay Co., wall plaster mfrs., 550 W. 12th, Chicago, Ill.  
 Rutland, Florence, Marble Co., Fowler, Vt.  
 Rutland Mach. & Auto. Co., Rutland, Vt.  
 Rutland Marble & Granite Co., plumbers' marble wks., Rutland, Vt.  
 Rutledge, A. E., contractor, Rockford, Ill.  
 Rutledge, Geo., Co., signs, 309 E. 22d, New York.  
 Rutledge, Hugh E., masons' & bldrs.' matls., Martinsville, Ind.  
 Rutledge Oil Co., Rutledge, Ga.  
 Rutschman, Oscar F., toilet soap machy., soap makers, presses, etc., 1906 E. Westmoreland, Philadelphia, Pa.  
 Rutenber Elec. Co., cooking app., Marion, Ind.  
 Rutenber Electric Co., machsts. & fndrs., Logansport, Ind.  
 Rutenberg Bros., scrap iron dealers, Reading, Pa.  
 Ruud Mfg. Co., heaters, 428 Penn av, Pittsburgh, Pa.  
 Ruvio Elec. Co., cooking app. & water sterilizers, 50 Broad, New York.  
 Ruwell, Wm. F., packing mfrs., 719 Noble, Philadelphia, Pa.  
 Ruxton, Philip, printing inks, 220 W. 42d, New York.  
 Ryalls Machinery Corp., textile machy., supplies, etc., Charlottesville, Va.  
 Ryan-Allen Lumber Co., Heisson, Wash.  
 Ryan Co., contractors, 4500 W. Division, Chicago, Ill.  
 Ryan Contracting Co., Charlestown, Boston, Mass., & Portland, Ore.  
 Ryan Cotton Oil Co., meal, Ryan, Okla.  
 Ryan-Cushing Co., school bags, 126 Summer, Boston, Mass.  
 Ryan, D. J., Construction Co., Davenport, Ia.  
 Ryan, Edw., contractor, 101 Clifton, Springfield, Ohio.  
 Ryan, Geo. E., heaters, Lynn, Mass.  
 Ryan, H., architect, Northern Bk. Bldg., Seattle, Wash.  
 Ryan, H. J., lumber, Lagrange, Ohio.  
 Ryan, Miss Ida Annah, & Luscomb, F. H., architects, Lawrence Bldg., Waltham, Mass.  
 Ryan, J. D., Co., paper box covers, 735 Central av, Cleveland, O.  
 Ryan, J. J., contractor, New London, Conn.  
 Ryan, J. J., & Co., machsts. & fndrs., brass castings, etc., 100 S. Jefferson, Chicago, Ill.  
 Ryan, Jas. P., mill & facty. supplies, Easthampton, Mass.  
 Ryan, John (Estate of), hogsheads, Hoboken, N. J.  
 Ryan, Jno. H., carriages, St. Johnsbury, Vt.  
 Ryan, John, & Son, ship bldrs., Whitehall, N. Y.  
 Ryan & Keon, contractors, 176 Federal, Boston, Mass.  
 Ryan & Long, vehicle washers, Appleton, Wis.  
 Ryan & Lutz, carriages, Bridgeport, Conn.  
 Ryan, M. A., stone producers, Albion, N. Y.  
 Ryan, M. C., contractor, 13 3d av, Pittsburgh, Pa.  
 Ryan, M. C., Co., fasteners, hinges, etc., Phoenix, N. Y.  
 Ryan, M. E., & Son, contractors, Dime Bk. Bldg., Detroit, Mich.  
 Ryan, M. Pckg. Box Co., 550 W. 29th, New York.  
 Ryan, Martin, packing box mfr., 132 Mercer, New York.  
 Ryan, Michael, tubular boilers, Washington, Pa.  
 Ryan, N., Co., stone producers, wks. & dls., 491 Smith, Brooklyn, N. Y.  
 Ryan, P., packing box mfr., 556 Washington, New York.  
 Ryan, Patrick, Constr. Corp., Grand Central Terminal & 42d, New York.  
 Ryan, Patrick, & Son, contractors, Bay City, Mich.  
 Ryan, Peter J., Bldg. Co., 314 W. 44th, New York.  
 Ryan Rattan Chair Co., furn., Grand Rapids, Mich.  
 Ryan & Reilly Co., contractors, Union Trust Bldg., Balto., Md.  
 Ryan Soap Co., 2643 Spring Grove av, Cincinnati, Ohio.  
 Ryan, Wm., Co., masons' & bldrs.' matls., Portchester, N. Y.  
 Ryan, William J., architect, 162 Ryerson, Brooklyn, N. Y.  
 Rybolt Heating Co., furnaces, 309 E. 5th, Cincinnati, Ohio.  
 Rybolt Htg. Co., hot air furnaces, 632 Mass. av, Indianapolis, Ind.  
 Ryckman, Albert H., contractor, Saginaw, Mich.  
 Ryder Brass Foundry Co., Bucyrus, Ohio.  
 Ryder, G. Leslie, architect, 42 Market, Poughkeepsie, N. Y.  
 Ryder, H. W., masons' & bldrs.' matls., Phoenix, Ariz.  
 Ryder & Jenkins, stone prod., 3637 Woodland av, Phila., Pa.  
 Ryder, M. L., Bldg. Co., 362 State, Albany, N. Y.  
 Ryede Specialty Works, gum vending machines, Rochester, N. Y.  
 Ryegate Paper Co., East Ryegate, Vt.  
 Ryerson, J. T., & Son, whol. hdwe., & machy. mfrs., 2558 W. 16th, Chicago, Ill.  
 Ryland, B. L., & Son, masons' & bldrs.' matls., Bucyrus, Ohio.  
 Ryland & Brooks Lumber Co., American bldg., Baltimore, Md.  
 Ryno, John H., architect, Knoxville, Tenn.  
 Ryon, Augustus M., masons' & bldrs.' matls., 96 Main, Flushing, N. Y.  
 Ryon, John P., masons' & bldrs.' matls., Pottsville, Pa.  
 Rysdon, E. A., & Co., cornices, 527 W. 41st, Chicago, Ill.  
 Rysdon, Louis S., & Co., cornices, 3319 Wallace, Chicago, Ill.  
 Ryther & Pringle Co., machsts. & fndrs., Carthage, N. Y.  
 Saacke, Chas. W., asphalt dls., 27 William, New York.  
 Saal & Brookings, contractors, Pekin, Ill.  
 Saal, H. C., Co., 4410 Ravenswood av, Chicago, Ill.  
 Saam, Karl F., architect, Security Bldg., Dubuque, Ia.  
 Saart, W. H., Co., whisk brooms, manicure sets, etc., Attleboro, Mass.  
 Sabel Bros., railroad equipment, Jacksonville, Fla.  
 Sabel, J., Button Co., 6620 S. State, Chicago, Ill.  
 Sabin, Frederick, & Co., stove mfrs., 237 Broad, Phila., Pa.  
 Sabin Machine Co., machsts. & fndrs., 6536 Carnegie av, Cleveland, Ohio.  
 Sabin Mach. Co., springs, Montpelier, Vt.



- Sabin, Wm. Warren, architect, New England Bldg., Cleveland, O.  
 Sabina Pump Co., Sabina, Ohio.  
 Sabine, Jas., architect, 99 E. 16th South, Salt Lake City, Utah.  
 Sabine Lumber Co., Wright Bldg., St. Louis, Mo., & Zwolle, La.  
 Sabine Supply Co., masons' & bldrs.' matls., mill & facty. supplies, Orange, Tex.  
 Sabine Tram Co., lbr., Beaumont, Tex.  
 Sabo Trap Mfg. Co., animal traps, 3115 W. 25th, Cleveland, O.  
 Sac City Canning Co., Sac City, Ia.  
 Sachem's Head Canning Co., Guilford, Conn.  
 Sachnoff, G., & Co., garment hangers, collar supports, 356 W. B'way, New York.  
 Sachs-Lawlor Mach. & Mfg. Co., 1543 Lorimer, Denver, Colo.  
 Sachs, Wm. A., mill & facty. supplies, 1152 Germantown av., Phila., Pa.  
 Sackett, A. J., machst. & fndr., cor 4th av & 1st, Baltimore, Md.  
 Sackett Bros., Co., contractors, Springfield, Mass.  
 Sackett, E. H., machst. & fndr., Telluride, Colo.  
 Sackett, H. I., Elec. Co., 256 Pearl, Buffalo, N. Y.  
 Sackett Mine Supply Co., 164 N. 3d, Columbus, Ohio.  
 Sackett & Parks, architects, Syracuse Sav. Bk. Bldg., Syracuse, N. Y.  
 Sackett Plaster Board Co., 1170 B'way, New York.  
 Sackett Screen Co., coal chutes, Fredonia, N. Y.  
 Sackin & Levinson Co., plumbers' supplies—jobbers, 523 Atlantic av., Brooklyn, N. Y.  
 Sackler Bros., scrap brass & copper, 186 E. 64th, New York.  
 Sackley, Jas. A., Co., contractors, 1004 St. Keeler av, Chicago, Ill.  
 Sackman, F. A., stencils, 810 Prospect, S. E., Cleveland, Ohio.  
 Sackman, J. W., brick, Santa Anna, Cal.  
 Sackman Mfg. Co., invalid chairs, metal numbers, steel stamps, Akron, Ohio.  
 Saco Brick Co., Saco, Me.  
 Saco-Lowell Shops, machsts. & fndrs., 77 Franklin, Boston, Mass.  
 Saco Mfg. Co., wood porch columns, pumps, etc., Saco, Me.  
 Saco Valley Canning Co., Portland, Me.  
 Sacramento Pipe Works, Sacramento, Cal.  
 Sacramento Valley Sugar Co., Los Angeles, Cal.  
 Sadieville Milling Co., flour, Sadieville, Ky.  
 Sadler Canning Co., Cicero, N. Y.  
 Sadler Co., post office equip., Indianapolis, Ind.  
 Sadtler, Sam'l P., & Son, chemists, 210 S. 13th, Phila., Pa.  
 Safe Cabinet Co., medicine & filing, Marietta, Ohio.  
 Safe Padlock & Hardware Co., mfrs., Lancaster, Pa.  
 Safe Storm Shield Co., buggy aprons, Fremont, Ohio.  
 Safege Co., safety razor mfrs., Geneva, N. Y.  
 Saferlite Lens Co., lamp lens mfrs., 220 5th av, New York.  
 Safety Armorite Conduit Co., 525 3d av, Pittsburgh, Pa.  
 Safety Car Htg. & Lighting Co., 2 Rector, New York.  
 Safety Door Hanger Co., 246 E. 4th, Ashland, Ohio.  
 Safety Elec. Co., lamps, 537 N. Dearborn, Chicago, Ill.  
 Safety Elevator Stop Co., Kalamazoo, Mich.  
 Safety Emery Wheel Co., Springfield, Ohio.  
 Safety Engng., trade publication, 80 Maiden la, New York.  
 Safety Fire Extinguisher Co., 291 7th av, New York.  
 Safety First Supply Co., appliances, first aid & playground equipments, Hartje Bldg., Pittsburgh, Pa.  
 Safety Furnace Pipe Co., 1212 2d av, Detroit, Mich.  
 Safety Gas Lighter Co., Haverhill, Mass.  
 Safety Gas Main Stopper Co., 88 Alexander av, New York.  
 Safety Hopper Car Wrench Co., Harrison Bldg., Phila., Pa.  
 Safety Insulated Wire & Cable Co., 114 Liberty, New York.  
 Safety Ladder Mfg. Co., Seattle, Wash.  
 Safety Sled Co., Mount Jewett, Pa.  
 Safety Wire Gas Globe Co., Columbus, Ohio.  
 Saffell, J. M., architect, Bakersfield, Cal.  
 Saffell, W. B., distiller, Laurenceburg, Ky.  
 Safford, G. N., & Co., masons' & bldrs.' matls., Rockford, Ill.  
 Safford, Henry D., mill & facty. supplies, Mechanicsville, N. Y.  
 Safford, M. D., architect, 259 Sumner, Boston, Mass.  
 Safford's, S. Sons, stone producers, Paris, Ill.  
 Sagadahoe Fertilizer Co., Bowdoinham, Me.  
 Sage Brick Mfg. Co., Greenport, N. Y.  
 Sage, J. L., lumber mfrs., Williamstown, N. Y.  
 Sage Trunk Co., 134 Sumner, Boston, Mass.  
 Sager, A. C., sash, door & blind mfrs., Town & Bell, Columbus, Ohio.  
 Sager, C. H., Hardware Co., cornices & skylights, Lebanon, Ill.  
 Sager, J. H., Co., shock absorbers, Rochester, N. Y.  
 Sager Lock Co., bower barred wk. hinges, No. Chicago, Ill.  
 Sager & Nelson, contractors, Ithaca, N. Y.  
 Saginaw Bay Box Co., packing, Cleveland, Ohio.  
 Saginaw Bay Co., lumber, 2106 W. 3d, S. W., Cleveland, Ohio.  
 Saginaw Chemical Co., chloride of calcium, Saginaw, Mich.  
 Saginaw Hardware Co., Saginaw, Mich.  
 Saginaw Ladder Co. (Ltd.), Saginaw, Mich.  
 Saginaw Lime & Lumber Co., Saginaw, Ala.  
 Saginaw & Manistee Lumber Co., Williams, Ariz.  
 Saginaw Mfg. Co., mill & facty. supplies, Saginaw, Mich.  
 Saginaw Milling Co., flour, Saginaw, Mich.  
 Saginaw Motor Car Co., Saginaw, Mich.  
 Saginaw Paving Brick Co., Saginaw, Mich.  
 Saginaw Plate Glass Co., S. Michigan beyond Saginaw, Mich., city limits.  
 Saginaw Sheet Metal Works, automobile fenders & hoods, Saginaw, Mich.  
 Saginaw Show Case Co. (Ltd.), Saginaw, Mich.  
 Saginaw Timber Co., lumber, Aberdeen, Wash.  
 Saginaw Wheelbarrow Co., machsts. & fndrs., Saginaw, Mich.  
 Saginaw Wood Products Co., croquet sets, Gaylord, Mich.  
 Sagramoso, Alfonso, architect, 25 W. 7th, Erie, Pa.  
 Sahm, Frank B. R., architect, 2d Nat. Bk. Bldg., Wilkes-Barre, Pa.  
 Sailer & Melvin Mfg. Co., sad irons, Massillon, Ohio.  
 Sailer, Rudolph W., architect, 76 Montgomery, Jersey City, N. J.  
 Sailor, C. H., architect, Gordon, Neb.  
 Sailor Planing Mill & Lumber Co., Pottsville, Pa.  
 Sailor, Whitmore Machine Co., Menasha, Wis.  
 Sailors' Packing Co., Kokomo, Ind.  
 Sainberg, L., pads—desk, 65 W. Houston, New York.  
 Saino Fire Door & Shutter Co., Memphis, Tenn.  
 St. Agatha Starch Co., St. Agatha, Me.  
 St. Anne Brick & Tile Co., Saint Anne, Ill.  
 St. Bernard Cypress Co., Arabi, La.  
 St. Bernard Rendering & Fertilizing Co., 304 Baronne, New Orleans, La.  
 St. Charles Brick Co., St. Charles, Mo.  
 St. Charles Net & Hammock Co., St. Charles, Ill.  
 St. Charles Specialty Mfg. Co., machsts. & fndrs., St. Charles, Ill.  
 St. Clair Foundry, Belleville, Ill.  
 St. Clair Mfg. Co., acet. gas machines, Dayton, Ohio.  
 St. Clair, S. W., architect, 120 Boylston, Boston, Mass.  
 St. Cloud Granite Works, St. Cloud, Minn.  
 St. Cloud Iron Works Co., St. Cloud, Minn.  
 St. Croix Paper Co., box shook & lumber mfrs., 244 Washington, Boston, Mass.  
 St. Croix Timber Co., Stillwater, Minn.  
 St. Elizabeth Canning Co., St. Elizabeth, Mo.  
 St. Gemme, Frank, Fire Apparatus Co., St. Louis, Mo.  
 Ste. Genevieve Lime & Quarry Co., Mermod & Jaccard Bldg., St. Louis, Mo.  
 St. Geo. Fountain Pen Co., 90 Nassau, New York.  
 St. Geo. Hy. V., tracing cloth & paper, 8 Grand, New York.  
 St. George Pulp & Paper Co., Hudson Falls, N. Y.  
 St. Germain Bros., plate glass, Duluth, Minn.  
 St. Germain, Jos. A., contractor, New London, Conn.  
 St. Helens Lumber Co., San Francisco, Cal.  
 St. Helens Quarry Co., McFall Bldg., Portland, Ore.  
 St. Helens Shipbuilding Co., St. Helens, Ore.  
 St. Hilaire Retail Lumber Co., Grand Forks, N. D.  
 St. Ignatius University College, engng. schools & coll., San Francisco, Cal.  
 St. James Milling Co., flour, St. James, Minn.  
 St. James Timber Co. (Ltd.), ties, poles, 1110 Hibernian, New Orleans, La.  
 St. John & Barquist Co., ceilings, conductor pipes, radiator shields, etc., Des Moines, Ia.  
 St. John, F. E., architect, Cory Bldg., Fresno, Cal.  
 St. John, G. C., air & gas meters, 280 Madison av, New York.  
 St. John, J. T., flour mills, Watauga, Tenn.  
 St. John & Keyser, contractors, Norwalk, Conn.  
 St. John Wood Working Co., sash, door & blind, Stamford, Conn.  
 St. John's College, engng. school & coll., Annapolis, Md.  
 St. Johns Lumber Co., St. Johns, Ore.  
 St. Johnsbury Tool Wks., linemen's climbers, St. Johnsbury, Vt.  
 St. Joseph Art Glass Co., St. Joseph, Mo.  
 St. Joseph Brass & Iron Co., fndrs., St. Joseph, Mo.  
 St. Joseph Buggy Co., St. Joseph, Mo.  
 St. Joseph Iron Works, machsts. & fndrs., St. Joseph, Mich.  
 St. Jos. Lead Co., 61 B'way, New York.  
 St. Joseph Lumber Co., St. Joseph, Mo.  
 St. Joseph Plow Co., listers & drills, St. Joseph, Mo.  
 St. Joseph Pressed Brick Co., St. Joseph, Mo.  
 St. Joseph Rock Crusher Co., stone producers, St. Joseph, Mo.  
 St. Joseph's Battery Co., St. Joseph, Mo.  
 St. Landry Cotton Oil Co., Opelousas, La.  
 St. Lawrence Marine Ry. Co., Ogdensburg, N. Y.  
 St. Lawrence Pyrites Co., pyrites ores, De Kalb Junction, N. Y.  
 St. Lawrence Quarries, marble producers, Gouverneur, N. Y.  
 St. Lawrence Talc Co., 5 E. 42d, New York.  
 St. Louis Archl. Iron Co., Leskerance & De Kalb, St. Louis, Mo.  
 St. Louis Axle Co., La Salle W. of Jefferson, St. Louis, Mo.  
 St. Louis Bag & Burlap Co., Hall & Dock, St. Louis, Mo.  
 St. Louis Bank Equip. Co., bank, office & store fix., 811 Walnut, St. Louis, Mo.  
 St. Louis Basket & Box Co., trunk & veneer mfrs., etc., Wharf & Penrose, St. Louis, Mo.  
 St. Louis Bed & Mfg. Co., East St. Louis, Ill.  
 St. Louis Bell Fdry., 2735 Lyon, St. Louis, Mo.  
 St. Louis Belting & Supply Co., Machy. dtrs., 509 S. 4th, St. Louis, Mo.  
 St. Louis Blower & Htr. Co., machsts., St. Louis, Mo.  
 St. Louis Boat & Engine Co., machsts, 3608 S. Levee, St. Louis, Mo.  
 St. Louis Box Fcty., pkg. box mfrs., 721 S. 2d, St. Louis, Mo.  
 St. Louis Brass Mfg. Co., machsts. & fndrs., 2613 Washington av, St. Louis, Mo.  
 St. Louis Butchers' Supply Co., refrigerators, etc.; tin pails, 1543 N. 15th, St. Louis, Mo.  
 St. Louis Button Co., 415 Lucas av, St. Louis, Mo.  
 St. Louis Candle & Wax Co., 233 Market, St. Louis, Mo.  
 St. Louis Car Co., electric ry. supplies, 8000 N. B'way, St. Louis, Mo.  
 St. Louis Car Wheel Co., flag poles, St. Louis, Mo.



- St. Louis Chemical & Mfg. Co., silicate of soda, 112 Pine, St. Louis, Mo.
- St. Louis Coffin Co., 1821 Chouteau av, St. Louis, Mo.
- St. Louis Cont. Co., 4425 Clayton av, St. Louis, Mo.
- St. Louis Cooperage Co., wood pails & buckets, ft. of Arsenal, St. Louis, Mo.
- St. Louis Cordage Mills, 1715 S. 11th, St. Louis, Mo.
- St. Louis Cut Stone Co., 3535 Gratiot, St. Louis, Mo.
- St. Louis Elec'l Wks., stor. battery charging sets, 4060 Forest pk, St. Louis, Mo.
- St. Louis Electrotpe Fdry., pattern letters & figures, 214 Pine, St. Louis, Mo.
- St. Louis Felt & Bedding Co., mattresses, 208 S. 17th, St. Louis, Mo.
- St. Louis Fire Brick & Clay Co., Los Angeles, Cal.
- St. Louis Fire Door Co., 1512 Clark av, St. Louis, Mo.
- St. Louis Fireworks Co., 822 N. B'way, St. Louis, Mo.
- St. Louis Frog & Switch Co., Chemical Bldg., St. Louis, Mo.
- St. Louis Gas & Gasoline Engine Co., 2617 De Kalb, St. Louis, Mo.
- St. Louis Glue Mfg. Co., 2125 Division, St. Louis, Mo.
- St. Louis Hide & Tallow Co., 2d & Talcott, St. Louis, Mo.
- St. Louis Independent Pckg. Co., meat packers, 3855 Chouteau av, St. Louis, Mo.
- St. Louis Iron & Mach. Wks., 126 Chouteau av, St. Louis, Mo.
- St. Louis Iron Store Co., whol. hdwe., 700 Cass av, St. Louis, Mo.
- St. Louis Label Wks., 925 N. 11th, St. Louis, Mo.
- St. Louis Lantern Co., 18 Lucas av, St. Louis, Mo.
- St. Louis Lthr. Goods Co., trav. bags & suit cases, 1219 Chestnut, St. Louis, Mo.
- St. Louis Lightning Rod Co., 2135 De Kalb, St. Louis, Mo.
- St. Louis Lumber Co., 2509 S. B'way, St. Louis, Mo.
- St. Louis Lumberman, trade publications, Wright Bldg., St. Louis, Mo.
- St. Louis Mach. Tool Co., 2607 S. B'way, St. Louis, Mo.
- St. Louis Machsts. Supply Co., 920 N. B'way, St. Louis, Mo.
- St. Louis Malleable Casting Co., expansion bolts, 7701 N. Conduit, St. Louis, Mo.
- St. Louis Metalware Co., 2507 N. B'way, St. Louis, Mo.
- St. Louis Mill Wks. Supply Co., sash, door & blind mfrs., 2714 La Salle, St. Louis, Mo.
- St. Louis Motor Truck Co., auto bldrs., 4274 Easton av, St. Louis, Mo.
- St. Louis Oil Co., lubrg., 3000 N. 2d, St. Louis, Mo.
- St. Louis Oxygen Co., 2500 Montgomery, St. Louis, Mo.
- St. Louis Paper Co., folding paper boxes, 500 N. 3d, St. Louis, Mo.
- St. Louis Press Brick Co., St. Louis, Mo.
- St. Louis Rubber Cement Co., 3046 Lambdin av, St. Louis, Mo.
- St. Louis Sales Co., drilling mach., vises, arch't iron & tanners' snips, Chemical Bldg., St. Louis, Mo.
- St. Louis Sampling & Testing Wks., laboratories, 713 Clark av, St. Louis, Mo.
- St. Louis Sash & Door Works, 3440 N. B'way, St. Louis, Mo.
- St. Louis Screw Co., Clarence & Bulwer av, St. Louis, Mo.
- St. Louis Smelting & Refining Co., Internat'l Life Bldg., St. Louis, Mo.
- St. Louis Steel Barrel Corp., B'way, Benton & 9th, St. Louis, Mo.
- St. Louis Steel Foundry, 1501 Kienlen av, St. Louis, Mo.
- St. Louis Surfacer & Paint Co., Arlington & Terminal Belt Line, St. Louis, Mo.
- St. Louis Terra Cotta Co., 5801-15 Manchester av, St. Louis, Mo.
- St. Louis Tin & Sheet Metal Working Co., oil & grease cans, St. Louis, Mo.
- St. Louis Trunk Hdwe. Mfg. Co., 609 Chateau av, St. Louis, Mo.
- St. Louis Vitrified & Fire Brick Co., Wainwright Bldg., St. Louis, Mo.
- St. Louis Well Mach. & Tool Co., Kingsland av, St. Louis, Mo.
- St. Louis Wire & Iron Co., 926 Chouteau av, St. Louis, Mo.
- St. Louis Yacht & Boat Co., Pierce Bldg., St. Louis, Mo.
- St. Mary's Builders' Supply & Coal Co., St. Mary's, Ohio.
- St. Mary's Mach. Co., St. Mary's, Ohio.
- St. Mary's Mill Co., flour, St. Mary's, Mo.
- St. Mary's Milling Co., flour, St. Mary's, W. Va.
- St. Mary's Naval Stores Co., St. George, Ga.
- St. Mary's Oil Engine Co., St. Charles, Mo.
- St. Mary's Planing Mill Co., St. Mary's, Ohio.
- St. Mary's Sewer Pipe Co., St. Mary's, Pa.
- St. Mary's Woolen Mfg. Co., St. Mary's, Ohio.
- St. Meinrad Brick & Tile Co., St. Meinrad, Ind.
- St. Mungo Mfg. Co., golf balls, 121 Sylvan av, Newark, N. J.
- St. Paul Boiler & Mfg. Co., Water & Walter, St. Paul, Minn.
- St. Paul Brass Fndry. Co., Minn. & 2d, St. Paul, Minn.
- St. Paul Building Co., 460 Rice, St. Paul, Minn.
- St. Paul Crushed Stone Co., Steward & Victoria, St. Paul, Minn.
- St. Paul Foundry Co., steel structures, Comos av Mackubin, St. Paul, Minn. *See adv index at end of book*
- St. Paul Gas Appliance Co., stoves, St. Paul, Minn.
- St. Paul Gas Light Co., 6th & Jackson, St. Paul, Minn.
- St. Paul Lime & Cement Co., 270 Jackson, St. Paul, Minn.
- St. Paul Mach. Wks., 123 3d, St. Paul, Minn.
- St. Paul Machy. Mfg. Co., Comm. & Marion, St. Paul, Minn.
- St. Paul Roofing, Cornice & Ornament Co., cornices & skylights, St. Paul, Minn.
- St. Paul Stone Co., 868 E. Minnehaha, St. Paul, Minn.
- St. Paul Stone Quarries Co., St. Paul, Ind.
- St. Paul & Tacoma Lumber Co., Tacoma, Wash.
- St. Paul White Lead & Oil Co., Water Starkey, St. Paul, Minn.
- St. Regis Paper Co., Watertown, N. Y.
- St. Thomas Canning Co., St. Thomas, Mo.
- Saint, W. J. T., sash, door & blind mfr., Sharpsburg, Pa.
- Saiter, F. R., cornices, Marion, Ohio.
- Saiter-Morgan Co., wholesale hdwe., Vincennes, Ind.
- Sala & Mayo, architect, Stockton, Cal.
- Saladin, Louis, machsts. & fndrs., 1241 De Kalb av, Brooklyn, N. Y.
- Saladin Pneumatic Malting Cont. Co., 24 N. Clinton, Chicago, Ill.
- Salagona & Co., floor mosaics, 144 W. 39th, New York.
- Salamanca Engine-Iron Co., Salamanca, N. Y.
- Salamander Grate Bar Co., 126 Liberty, New York.
- Salaski, John, granite producers, St. Cloud, Minn.
- Salch, Geo. J., metal spinning, lumps, 239 Centre, New York.
- Salem Brass Foundry, Salem, Mass.
- Salem Brass & Iron Mfg. Co., machsts. & fndrs., Salem, N. J.
- Salem Canning Co., Salem, N. J.
- Salem Chemical & Supply Co., almond meal, Salem, Mass.
- Salem China Co., crockery, Salem, Ohio.
- Salem Constr. Co., Salem, Ore.
- Salem Co-operative Window Glass Co., Salem, W. Va.
- Salem Electrical Supply Co., woven wire brushes, Salem, Mass.
- Salem Elevator Wks., Salem, Mass.
- Salem Fdry. & Mach. Wks., Salem, Ohio.
- Salem Foundry & Machine Wks., Salem, Va.
- Salem Glass Wks., glass bottles, Salem, N. J.
- Salem Hardware Co., Salem, O.
- Salem Iron Co., blast furnaces, Lectoria, Ohio.
- Salem Iron Wks., Salem, Ore.
- Salem Iron Wks., R. R. cross tie machines, Winston-Salem, N. C.
- Salem Leather Co., insulating washers, Salem, Mass.
- Salem Mattress Co., Salem, Va.
- Salem Rubber Co., Salem, Mass.
- Salem Supply Co., canned goods, Salem, N. J.
- Salem Tool Co., Salem, Ohio.
- Sales, Jas. A., masons' & bldrs.' matls., Kalamazoo, Mich.
- Sales, Murray W., & Co., plumbers', mill & facty. supplies, jobbers, 76 Jefferson av, Detroit, Mich.
- Salesburg Refining Co. (Ltd.), sugar, Landerdale, La.
- Salisbury, J. E., & Co., contrs., Aurora, Ill.
- Salich, E., & Co., beet sugar plant const., Monadnock blk, Chicago, Ill.
- Salie & Mewhinney, architects, Woodward Bldg., Birmingham, Ala.
- Salina Packing Co., canned goods, Anacortes, Wash.
- Salina Solar Coarse Salt Co., Syracuse, N. Y.
- Salina Vitrified Brick Co., Salina, Kans.
- Saline Valley Roller Mills, flour, Bumpus Mills, Tenn.
- Saling-Hanson & Co., lumber, Grayling, Mich.
- Salinger, Chas., cornices, 1110 Ridge av, Philadelphia, Pa.
- Salisbury Ball Bearing Co., Jamestown, N. Y.
- Salisbury Brick Co., Salisbury, Md.
- Salisbury Brick & Tile Co., Salisbury, N. C.
- Salisbury Bros., lumber, Clinton, Wash.
- Salisbury Cutlery Handle Co., Salisbury, Conn.
- Salisbury, D. J., masons' & bldrs.' matls., 206 St. Mary's av, Syracuse, N. Y.
- Salisbury Hdwe. Co., cornices, Salisbury, Md.
- Salisbury Mfg. Co., tags, fasteners, envelopes, etc., 14 Leather av, Providence, R. I.
- Salisbury Metal Culvert Co., Salisbury, N. C.
- Salisbury, Robt. H., architect, Wheaton, Ill.
- Salisbury & Satterlee Co., machinists, 201 S. E. Main, Minneapolis, Minn.
- Salisbury, W. H., & Co., mill & facty. supplies, 105 S. Wabash av, Chicago, Ill.
- Salisbury Wheel & Mfg. Co., Jamestown, N. Y.
- Salisbury Wood-Working Co., sash, door & blind mfrs., Salisbury, Md.
- Sall Mountain Co., paper & pulp mill, 230 S. La Salle, Chicago, Ill.
- Salm, Ernest, canned goods, Phalanx, N. J.
- Salmarine Sea Salt Soap Co., Long Beach, Cal.
- Salmen Brick & Lumber Co. (Ltd.), White Bldg., New Orleans, La.
- Salmon Bay Iron & Brass Fndry, machsts. & fndrs., Seattle, Wash.
- Salmon Creek Lbr. Co., Little Rock, Wash.
- Salmon, Hamilton H., & Co., lbr., 88 Wall, New York.
- Salmon, Henry, & Son, masons' & bldrs.' matls., Boontown, N. J.
- Salmon, J. T., contractor, Durham, N. C.
- Salmon, J. W., architect, Lincoln, Nebr.
- Salmond Bros. Co., contractors, Arlington, N. J.
- Salmund, Sam'l, & Son, tacks, Hanover, Mass.
- Salmave, W. A., machsts., Canandaigua, N. Y.
- Salo Art Metal Co., glass shades, signs, etc., Binghamton, N. Y.
- Salom Elec. Storage Battery Co., Niagara Falls, N. Y.
- Salomon, L. A., & Bro., chemicals, 216 Pearl, New York.
- Saloman-Waterton Co., contractors, 343 S. Dearborn, Chicago, Ill.



- Salomon, Wm. E., & Co., contractors, 175 W. Jackson blvd, Chicago, Ill.
- Salt Lake Engineering Wks., Salt Lake City, Utah.
- Salt Lake Hardware Co., Salt Lake City, Utah.
- Salt Lake Knitting Wks., Salt Lake City, Utah.
- Salt Lake Mattress & Mfg. Co., Salt Lake City, Utah.
- Salt Lake Pressed Brick Co., Salt Lake City, Utah.
- Salt Lake Stamp Co., Salt Lake City, Utah.
- Salt Lake Wire & Iron Wks., bank railings, Salt Lake City, Utah.
- Salt Lick Lumber Co., Salt Lick, Ky.
- Salt Lick Milling Co., flour, Valmeyer, Ill.
- Salt, Wm. B., Mfg. Co., piston rings, Aspinwall, Pa.
- Salter Canning Co., North Rose, N. Y.
- Salter, E. D., architect, 4907 Wynnefield, Philadelphia, Pa., & Lansdowne, Pa.
- Salter, J. A., architect, Raleigh, N. C.
- Salter, J., & Son, granite, Groton, Conn.
- Salter Mfg. Co., music cabinets, 339 N. Oakley bl, Chicago, Ill.
- Salter, Thos., contractor, 118 Front av, Rochester, N. Y.
- Salt's Textile Mfg. Co., plushes, Bridgeport, Conn.
- Saltus, Roelin S., landscape architect, 9 E. 41st, New York.
- Salveson Bros., common brick, Petersburg, Ill.
- Salveter, H. D., architect, Central Bldg., Los Angeles, Cal.
- Salvers, C. D., & Son, cornices & skylights, Carrollton, Ky.
- Salz Bros., fountain pen mfrs., 71 W. 35th, New York.
- Salzer, B. F., Lumber Co., Denver, Colo.
- Salzman, G. O., machsts., Marietta, Ohio.
- Samels Bros. & White, canned goods, Chaska, Minn.
- Samet & Regenbogen, cornices, 219 av C, New York.
- Samlovitz, Max, cornices, 260 E. 78th, New York.
- Sammet, G. W., & Son Co., mattresses, 8 Atlantic av, Boston, Mass.
- Sammons, W. S., lumber mfrs., Sammonsville, N. Y.
- Sampel, J. F., machst. & fndr., Boone, Ia.
- Sampson, Alden, & Sons, oilcloth mfrs., 320 B'way, New York.
- Sampson, E. L., & Bros. Co., contractors, Springfield, Mass.
- Sampson, E. T., contractor, Brockton, Mass.
- Sampson, Ernest L., masons' & bldrs.' matls., Plymouth, Mass.
- Sampson, Geo. H., Co., machy. dlrs., 13 Pearl, Boston, Mass.
- Sampson, J. A., heating contr., 10 Summer, Providence, R. I.
- Sampson & Murdock Co., trade publication, 246 Summer, Boston, Mass.
- Sams, J. H., architect, Columbia, S. C.
- Samson Cordage Works, braided cord & cotton twine mfrs, Boston, Mass.
- Samson Elec. Co., bells, batteries, alarms, etc., 146 Summer, Canton, Mass.
- Samson Iron Works, Stockton, Cal.
- Samson Mfg. Co., rock crushers, Denver, Colo.
- Samuel, Frank, ferro manganese, Harrison Bldg., Phila., Pa.
- Samuels, M., & Sons, scrap iron & steel, N. 2d, Brooklyn, N. Y.
- Samuels, T. W., Distillery, Bardstown, Ky.
- Samuels, W. B., & Co., distillers, Samuels, Ky.
- San Angelo Fndry. & Mach. Co., San Angelo, Tex.
- San Antonio Foundry Co., San Antonio, Tex.
- San Antonio Machine & Supply Co., San Antonio, Tex.
- San Antonio Portland Cement Co., San Antonio, Tex.
- San Antonio Sewer Pipe Co., San Antonio, Tex.
- San Antonio Sheet Metal Wks., San Antonio, Tex.
- San Augustine Fertz. Co., San Augustine, Tex.
- San Diego Constr. Co., contractors, San Diego, Cal.
- San Diego Lumber Co., San Francisco, Cal.
- San Diego Sheet Metal Works, San Diego, Cal.
- San Diego Trunk & Bag Co., San Diego, Cal.
- San Francisco Art Glass Co., 862 Mission, San Francisco, Cal.
- San Francisco Brass Foundry, 48 Clementina, San Francisco, Cal.
- San Francisco Brazing & Welding Co., 131 Beale, San Francisco, Cal.
- San Francisco Bridge Co., Nevada Bk. Bldg., San Francisco, Cal.
- San Francisco Casket Co., 621 Guerrero, San Francisco, Cal.
- San Francisco Chemical Co., 332 Pine, San Francisco, Cal.
- San Francisco Engineering Co., 322 6th, San Francisco, Cal.
- San Francisco Galvanizing Works, 1176 Harrison, San Francisco, Cal.
- San Francisco Iron & Metal Co., 256 North Point, San Francisco, Cal.
- San Francisco Iron Works, 45 Shotwell, San Francisco, Cal.
- San Francisco Lime Co., Monadnock Bldg., San Francisco, Cal.
- San Francisco Mill Furnishing Co., brewers' & malsters' machy. & supplies, 521 7th, San Francisco, Cal.
- San Francisco-Oakland Terminal Rys., machsts. & fndrs., Oakland, Cal.
- San Francisco Pioneer Varnish Wks., 816 Mission, San Francisco, Cal.
- San Francisco Plating Works, 1349 Mission, San Francisco, Cal.
- San Francisco Quarries Co., Balboa Bldg., San Francisco, Cal.
- San Francisco Stove Works, 260 Townsend, San Francisco, Cal.
- San Gabriel Valley Canning Co., Los Angeles, Cal.
- San Giacomo Sons, scrap rubber, 9 Abel, Newark, N. J.
- San Joaquin Brick Co., Stockton, Cal.
- San Jose Brick Co., San Jose, Cal.
- San Jose Foundry, San Jose, Cal.
- San Juan Canning Co., Friday Harbor, Wash.
- San Juan Fishing & Packing Co., canned goods, Seattle, Wash.
- San-Knit-ary Textile Mills, knitted towels, 10th & Diamond, Philadelphia, Pa.
- San Pedro Lumber Co., 110 Market, San Francisco, Cal.
- San Ti Lite Corp., sanitary flooring, Syracuse, N. Y.
- Sanax Co., elec. hair dryers, 125 W. 23d, New York.
- Sanborn Brick & Ice Co., Portage, Wis.
- Sanborn Carriage Co., Manchester, N. H.
- Sanborn-Cutting Co., Astoria, Ore.
- Sanborn, Dana A., architect, 38 Exchange, Lynn, Mass.
- Sanborn Evaporator Co., 79 Wall, New York.
- Sanborn Furnace Co., machsts. & fndrs., Methuen, Mass.
- Sanborn, J. W., fertz. mfr., Pittsfield, N. H.
- Sanborn, John, & Son, tin plate, 134 Beekman, New York.
- Sanborn Map Co., 11 B'way, New York.
- Sand, J., & Sons, levels, 1023 Rivard, Detroit, Mich.
- Sand, Jno. A., sweaters, etc., 2408 W. Chicago av, Chicago, Ill.
- Sand Mixing Mach. Co., 52 Vanderbilt av, New York.
- Sand Point Lbr. & Pole Co., Sand Point, Idaho.
- Sandberg, Adolph L., machsts., 222 S. Clinton, Chicago, Ill.
- Sandbo Starter Co., Rock Island, Ill.
- Sandegren, Andrew, architect, 111 W. Washington, Chicago, Ill.
- Sandel, Monroe R., Architect, 155 N. Clark, Chicago, Ill.
- Sander, A., Packing Co., meat, 1026 Gest, Cincinnati, Ohio.
- Sanders, A. J., Sons, lbr., Gosport, Ind.
- Sanders, Alva, Spoke Factory, Ashland, Ky.
- Sanders & Barnett, steel & iron wks., Southern blvd. & 145th, New York.
- Sanders Bros. Mfg. Co., sash, door & blind mfrs., porch columns, Ottawa, Ill.
- Sanders Coal Co., masons' & bldrs. matls., Elkhart, Ind.
- Sanders Copper & Brass Works, 431 Folsom, San Francisco, Cal.
- Sanders Cotton Mills, Tuscaloosa, Ala.
- Sanders Duck & Rubber Co., contrs., tents, Silk Exch. Bldg., St. Louis, Mo.
- Sanders & Egbert Co., lumber mfrs., Goshen, Ind.
- Sanders, Frank F., architect, Union Bk. Bldg., Pittsburgh, Pa.
- Sanders, H. H., plate glass, Binghamton, N. Y.
- Sanders, J. K., cornices & skylights, Savannah, Ga.
- Sanders, J. S., & Co., lbr., Islandton, S. C.
- Sanders, J. W., sashes, doors & blinds, Pine Bluff, Ark.
- Sanders, John G., iron works, Monroe, La.
- Sanders Lumber Co., Taunton, Mass.
- Sanders Mfg. Co., meat & food choppers, 294 8th av, Newark, N. J.
- Sanders, Newell Plow Co., Chattanooga, Tenn.
- Sanders, Robert E., machsts. & fndrs., Ashland, Wis.
- Sanders, S. H., lbr. mfrs., Hartwell, Ga.
- Sanders, Smith & Co., cotton batting, Charlotte, N. C.
- Sanders, T. M., architect, Little Rock, Ark.
- Sanders, Wm., architect, Washington Court House, Ohio.
- Sanderson Cyclone Drill Co., blast hole & well drilling machinery, Orville, Ohio.
- Sanderson, E. P., & Co., wholesale hardware, 283 3d, Cambridge, Mass.
- Sanderson Fertilizer & Chemical Co., New Haven, Conn.
- Sanderson, L. M., clothes lines, cotton mops, Haydenville, Mass.
- Sanderson & McCreery, masons' & bldrs.' matls., Mount Vernon, Ohio.
- Sanderson & Porter, contractors, 52 William, New York.
- Sanderson, Robt., wood handles, Singac, N. J.
- Sandersville Enterprise Co., flour, Sandersville, Ga.
- Sandford-Robinson Lumber Co., Pittsburg, Kans.
- Sandiford, Chas., architect, 2692 Main, Buffalo, N. Y.
- Sandlin, J. R., turpentine, Jasper, Fla.
- Sandlund, Peter, machsts. & fndrs., Marinette, Wis.
- Sandoval Zinc Co., 410 N. Peoria, Chicago, Ill.
- Sandow Motor Truck Co., 1714 Michigan, Chicago, Ill.
- Sandow Tool Co., spring calipers, 570 W. B'way, New York.
- Sands, Alfred B., & Son Co., ship port-lights, vent., etc., 20 Vesey, New York.
- Sands, Geo. R., stone, Cambridge, Mass.
- Sands, H. S., Electrical & Mfg. Co., machsts., Wheeling, W. Va.
- Sands, Jos. S., mill & facty. supplies, 491 W. Side av, Jersey City, N. J.
- Sands, Louis, Salt & Lumber Co., Manistee, Mich.
- Sands & Maxwell Lumber Co., Pentwater, Mich.
- Sands Steel Specialties Co., engine oilers, 6947 Susquehanna, Pittsburgh, Pa.
- Sands, U. S., contractor, Norfolk, Va.
- Sandstrom, John, contractor, Ashland, Wis.
- Sandstrom Ship Bldg. Co., Seattle, Wash.
- Sandusky Box Co., packing, Sandusky, Ohio.
- Sandusky Cement Co., Engineers Bldg., Cleveland, Ohio.
- Sandusky Cooperage & Lumber Co., Galion, Ohio.
- Sandusky Foundry & Machine Co., Sandusky, Ohio.
- Sandusky Glass Co., Sandusky, Ohio.
- Sandusky Sand Co., Sandusky, Ohio.
- Sandusky Sash, Door & Lbr. Co., Sandusky, Ohio.
- Sandusky Tool Co., Sandusky, Ohio.
- Sandwich Mfg. Co., agricultural implements, Sandwich, Ill.
- Sandy Creek (N. Y.) Wood Mfg. Co., paper dishes, plates, etc., Sandy Creek, N. Y.
- Sandy Hill Iron & Brass Wks., machsts. & fndrs., Hudson Falls, N. Y.
- Sanford & Bennett Co., fountain pen mfrs., 51 Maiden la, New York.



- Sanford & Brooks Co., dock bldrs., Water & Commerce, Baltimore, Md.
- Sanford Buggy Co., carriages, Sanford, N. C.
- Sanford, C. L., brick, Southold, N. Y.
- Sanford, Chas. E., watchman's clocks, 18 B'way, New York.
- Sanford, Chas. E., & Co., mill & facty. supplies, 202 Washington av., N., Minneapolis, Minn.
- Sanford Concrete Machinery Co., Toledo, Ohio.
- Sanford Cotton Mills, Sanford, N. C.
- Sanford, David C., Co., machsts. & fndrs., Bridgeport, Conn.
- Sanford-Day Iron Wks., mine cars, Knoxville, Tenn.
- Sanford-Evans Co., masons' & bldrs.' matls., Helena, Mont.
- Sanford, F. C., Mfg. Co., machsts., Bridgeport, Conn.
- Sanford, Jas. A., machsts., Jackson, Mich.
- Sanford Mfg. Co., writing inks, paste & sealing wax, Congress & Peoria, Chicago, Ill.
- Sanford Mills, carriage robes, horse blankets, car plush, Sanford, Me.
- Sanford Motor Truck Co., auto. bldrs., Syracuse, N. Y.
- Sanford Sash & Blind Co., Sanford, N. C.
- Sanford & Son, machsts. & fndrs., Fayetteville, Ark.
- Sanford, Thos. F., bank & office railings, 84 B'way, Buffalo, N. Y.
- Sanford & Treadway, lbr. mfrs., New Haven, Conn.
- Sanford, W. H., canned goods, Tucker Hill, Va.
- Sangamo Elec. Co., circuit breakers, Springfield, Ill.
- Sanger Mill & Elevator Co., flour, Sanger, Tex.
- Sanger, W. Prentice, landscape architect, 8 W. 40th, New York.
- Sanguinet & Staats, architect, 1st Nat'l Bk. Bldg., Fort Worth, Tex.
- Sanguinett, Staats & Gottlieb, architects, First Nat'l Bk. Bldg., Houston, Tex.
- Sanguinette, Jos. B., granite, Barre, Vt.
- Sanguinetti, Augusto, granite, Barre, Vt.
- Sanguinetti Canning Co., Mountain View, Cal.
- Sanior, A. H., contractor, Bethel, Conn.
- Sanistee Co., tanks, cabinets, etc., 1200 Niagara, Buffalo, N. Y.
- Sanit Co., wire goods, Rochester, N. Y.
- Sanitary Appliance Co., garbage disposal plants, 949 B'way, N. Y.
- Sanitary Appliance Co., ventilators, Neenah, Wis.
- Sanitary Can Co., 120 B'way, New York.
- Sanitary Canning Co., Stoutland, Mo., & Westphalia, Ind.
- Sanitary Cesspool Co., 333 S. 20th, Philadelphia, Pa.
- Sanitary Co., cast iron soil pipe mfrs., Drexel Bldg., Phila., Pa.
- Sanitary Co., fndrs., Cleveland, Ohio.
- Sanitary Co. of Amer., brass elbows & elbows, Linfield, Pa.
- Sanitary Composition Floor Co., Syracuse, N. Y.
- Sanitary Cooler Co., Pottstown, Pa.
- Sanitary Earthenware Spec. Co., potteries, Trenton, N. J.
- Sanitary Feather Co., mattresses, 422 S. Canal, Chicago, Ill.
- Sanitary Felting & Mattress Co., South Bend, Ind.
- Sanitary Fire Proofing & Contrg. Co., Westchester Creek & 177th, New York.
- Sanitary Fish Co., canned, Anacortes, Wash.
- Sanitary Fixtures Co., 275 Congress, Boston, Mass.
- Sanitary Folding Bed & Mfg. Co., Kansas City, Mo.
- Sanitary Fountain & Spec. Co., 176 Federal, Boston, Mass.
- Sanitary Htg. Co., fire place htrs., 233 37th, Brooklyn, N. Y.
- Sanitary Mattress Co., Youngstown, Ohio.
- Sanitary Metal Basket Co., Lafayette, Ind.
- Sanitary Metal Kitchen Cabinet Co., Hot Springs, Ark.
- Sanitary Packing Co., Hollandsburg, Ohio.
- Sanitary Paper Cup Co., 17 Harcourt, Boston, Mass.
- Sanitary Paper Products Co., paper bottles, 400 Chestnut, Philadelphia, Pa.
- Sanitary Spec. Co., seats, 1836 E. Clearfield, Philadelphia, Pa.
- Sanitary Stamped Wares & Spec. Co., 415 B'way, New York.
- Sanitary Steel Furniture Co., Grand Rapids, Mich.
- Sanitary Stove Mfg. Co., Benton, Ill.
- Sanitary Strainer Co., Malden Rock, Wis.
- Sanitary Street Flushing Mach. Co., 508 Biddle, St. Louis, Mo.
- Sanitary Water Still Co., Hampton, N. Y.
- Sanitas Mfg. Co., drinking fountains, valves, etc., 54 Union, Boston, Mass.
- Sanitax Brush Co., 2333 S. Wabash av., Chicago, Ill.
- Sankey Bros., brick, common, 2112 Carson, Pittsburgh, Pa.
- Sanneman & Gould, architects, Reserve Bk. Bldg., Kansas City, Mo.
- Sanner Hardware Co., Shamokin, Pa.
- Sanoma Valley Canning Co., Vineburg, Cal.
- Sansbury, Geo. F., architect, Cumberland, Md.
- Sansbury, Theo. T., Jr., architect, Parkersburg, W. Va.
- Sansom, John H. A., handles, 174 Worth, New York.
- Sansom & Mayer, contractors, Iroquois Bldg., Buffalo, N. Y.
- Sansom & Rowland, wholesale hwe., 505 Commerce, Phila., Pa.
- Sant, John, & Sons Co., potters' supplies, East Liverpool, Ohio.
- Santa Clara Valley Mill & Lumber Co., San Jose, Cal.
- Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco, Cal.
- Santa Fe Fdry. Co., Richmond, Cal.
- Santa Fe Fuel Co., masons' & bldrs.' matls., El Paso, Tex.
- Santa Rosa Flour Mills, Santa Rosa, Cal.
- Santangelo, L. B., architect, 2364 8th av., New York.
- Santee River Cypress Lbr. Co., Ferguson, S. C.
- Santmyers, Geo. T., architect, 921½ N. Y. av., N. W., Washington, D. C.
- Santo Mfg. Co., bronze bushings, 21st & Alleghany av., Philadelphia, Pa.
- Santo Vacuum Cleaner Co., 820 6th av., New York.
- Saponol Chemical Co., polishing cloths, soap, etc., 1916 Park av., New York.
- Saporiti, J. P., & Co., granite prod., Barre, Vt.
- Sapulpa Pressed Brick Co., Sapulpa, Okla.
- Sapulpa Refining Co., petroleum & its products, Sapulpa, Okla.
- Sarachan & Rosenthal, scrap rubber, Rochester, N. Y.
- Saranac Co., paper & pulp mills, Plattsburg, N. Y.
- Saranac Machine Co., Benton Harbor, Mich.
- Sarco Engineering Co., gas composimeters, recorders, etc., South Ferry Bldg., New York.
- Sarcoxi Canning Co., Sarcoxi, Mo.
- Sargeant Bros., masons' & bldrs.' matls., Somerville, N. J.
- Sargeant Mfg. Co., hdwe. mfrs., 79 Summit, Newark, N. J.
- Sargent, A. R., landscape architect, 225 5th av., New York.
- Sargent & Co., hardware mfrs., 51 Water, New Haven, Conn.
- Sargent & Co., show case catches, 94 Centre, New York.
- Sargent Co., valves, gauges, car replaces, etc., Fisher Bldg., Chicago, Ill.
- Sargent, E. H., & Co., machsts., 125 W. Lake, Chicago, Ill.
- Sargent, E. P., lbr., Norwich, Vt.
- Sargent, Geo. F., Co., dictionary holders, 289 4th av., New York.
- Sargent, Geo. W., mach. & fndr., Keene, N. H.
- Sargent & Greenleaf Co., lock mfrs., 178 Court, Rochester, N. Y.
- Sargent & Ham Co., auto. wood bodies, 26 Bowker, Boston, Mass.
- Sargent, L. W., carriage bows, Newburyport, Mass.
- Sargent Lumber Co., 112 W. Adams, Chicago, Ill.
- Sargent & Lundy, mech. & elc. engineers, 72 W. Adams, Chicago, Ill.
- Sargent Mfg. Co., chairs, office wardrobes, etc., Muskegon, Mich.
- Sargent, Osgood & Roundy Co., agricultural implements, Randolph, Vt.
- Sargent Paint Co., N. J. & Mass. av., Indianapolis, Ind.
- Sargent Steam Meter Co., 1902 N. California, Chicago, Ill.
- Sargent, T. M., architect, 162 Tremont, Boston, Mass.
- Sargent Tile Ditcher Co., Ft. Dodge, Ia.
- Sargent's, Chas. G., Sons Corp., machsts. & fndrs., textile machy., Graniteville, Mass.
- Sargent's Lbr. Co., South Brewer, Me.
- Saron, David, cornices, 2164 Madison av., New York.
- Sarsfield, Thos. A., contractor, 324 Main, Stamford, Conn.
- Sartorius, A., & Co., architects, & engrs.' instruments, 57 Murray, New York.
- Sartorius Co., iron, 15th & Utah, San Francisco, Cal.
- Sartorius Provision Co., meat packers, 2734 Arsenal, St. Louis, Mo.
- Sarvis, W. H., granite, 941 W. 5th, Cincinnati, Ohio.
- Sasgen Derrick Co., 3101 W. Grand av., Chicago, Ill.
- See adv index at end of book.*
- Sass & Springsteen, architects, 32 Union sq., New York.
- Sasse, Geo. L., architect, 432 Norwood av., Buffalo, N. Y.
- Sassi, L., & Co., granite prod., Barre, Vt.
- Satin Gloss Polish Co., Portland, Me.
- Satler, Hamilton Lumber Co., Oliver Bldg., Pittsburgh, Pa.
- Satsuma Co., camphor, Satsuma Heights, Fla.
- Satter, H., & Son, stone, 219 Gordon, Perth Amboy, N. J.
- Satterlee & Boyd, architects, 3 W. 29th, New York.
- Satterlee, F. E., Co., mill & facty. supplies, 120 Washington, N., Minneapolis, Minn.
- Satterthwait, Edgar, masons' & bldrs.' matls., Salem, Ohio.
- Satterthwaite Bros., mill & facty. supplies, Tecumseh, Mich.
- Satterwaite, Pennington, architect, 345 5th av., New York.
- Sattler, Peter, Co., harness, Toledo, Ohio.
- Sattler, Wm., bldg. contrs., Geneva, N. Y.
- Sattley, Stakher Co., agricultural implements, 408 Telephone, Indianapolis, Ind.
- Saucer-Boyd & Co., turpentine, Baldwin, Fla.
- Saucier, Thos., contractor, Lewiston, Me.
- Sauer, Andrew J., & Co., architects, 112 Chestnut, Phila., Pa.
- Sauer, Chas. A., & Co., contractors, Ann Arbor, Mich.
- Sauer, F. C., architect, 804 Penn av., Pittsburgh, Pa.
- Sauer, F. J., contractors, Rochester, N. Y.
- Sauer, Henry G., contractor, Rochester, N. Y.
- Sauer, N., Milling Co., flour, Cherryvale, Kans.
- Sauerbrum Const. Co., Century Bldg., St. Louis, Mo.
- Sauerman Bros., sand excavating & screening plants, 334 S. Dearborn, Chicago, Ill.
- Saugatuck Mfg. Co., button mfrs., Saugatuck, Conn.
- Saugerties Coal & Lumber Co., masons' & bldrs.' matls., Saugerties, N. Y.
- Sauk Center Granite Co., Sauk Center, Minn.
- Sauk City Canning & Pickling Co., Sauk City, Wis.
- Sauk Rapids Granite Co., Sauk Rapids, Minn.
- Saulpaugh's, J. M., Sons, elec. wiring moldings, 180 Lewis, New York.
- Saulpaw, G. L., flour mills, Calhoun, Tenn.
- Saulsbury Bros., canned goods, Ridgely, Md.
- Sault Mfg. Co., locomotive sanders, Worcester, Mass.
- Saum Architects, architects, Leather Bldg., St. Louis, Mo.
- Saum, Jno. R., cornices & skylights, Harrisonburg, Va.
- Saunders, Arthur E., architect, Boulder, Colo.
- Saunders, Chas. W., architect, Alaska Bldg., Seattle, Wash.
- Saunders & Co., dies, models & envelope sealing machines, 519 Blvd., Kansas City, Mo.
- Saunders Cotton Mills, Saundersville, Mass.



Saunders', D., Sons, machsts. & fndrs., Yonkers, N. Y.  
 Saunders, E. E., & Co., glue, Pensacola, Fla.  
 Saunders & Franklin, chemists, 184 Whittier av, Providence, R. I.  
 Saunders, H. J., contractors, tents, 900 Hennepin av, Minneapolis, Minn.  
 Saunders, J. A., plate & window glass, 11830 Detroit av, Cleveland, Ohio.  
 Saunders, T. A., & Son, masons' & bldrs.' matls., Milton, Wis.  
 Saunders, W. J., architect, Laughlin Bldg., Los Angeles, Cal.  
 Sauquoit Canning Co., Utica, N. Y.  
 Sauquoit Toilet Paper Co., New Hartford, N. Y.  
 Saurer, Adolph, embroidering machs., River av & 151st, New York.  
 Sauselein, Theo., brick, Maple Shade, N. J.  
 Sauset, K., contractor, Bellingham, Wash.  
 Sauter, F. W., & Co., paint mfrs., 909 N. 9th, Philadelphia, Pa.  
 Sauveteur-Boysson, metallurgical engineers & metallurgical apparatus, Abbott Bldg., Cambridge, Mass.  
 Savage Arms Corporation, guns & ammunition, Utica, N. Y.  
 Savage Bros., lumber mfrs., Tacoma, Wash.  
 Savage Bros. Co., machsts., 321 W. Austin, Chicago, Ill.  
 Savage, Chas. M., contractor, Anderson, Ind.  
 Savage Distilling Co., Weverton, Md.  
 Savage, F. L., architect, Bar Harbor, Me.  
 Savage Fire Brick Co., Meyersdale, Pa.  
 Savage, Geo. E., architect, Witherspoon Bldg., Philadelphia, Pa.  
 Savage & Love Co., mill & facty. supplies, Rockford, Ill.  
 Savage, M. J., canned goods, Flatiron bldg., San Francisco, Cal.  
 Savage Mfg. Co., cotton duck & canvas, Savage, Md.  
 Savage Mfg. Co., tissue paper, Skowhegan, Me.  
 Savage Mountain Fire Brick Co., Frostburg, Md., & 2d Nat. Bk. Bldg., Pittsburgh, Pa.  
 Savage-Scotfield Co., sand & gravel dlrs., Tacoma, Wash.  
 Savage Tire Co., San Diego, Cal.  
 Savage, W. E., & Co., contractors, 39 Liberty, New York.  
 Savage, W. J., Co., corn mills, mill & facty. supplies, Knoxville, Tenn.  
 Savage, Wm., architect, Amsterdam, N. Y.  
 Savannah Blow Pipe & Exhaust Co., Savannah, Ga.  
 Savannah Brick Co., Savannah, Ga.  
 Savannah Chemical Co., Savannah, Ga.  
 Savannah Engineering & Constr. Co., Savannah, Ga.  
 Savannah Guano Co., Savannah, Ga.  
 Savannah Iron & Wire Works, Savannah, Ga.  
 Savannah Iron Works, Savannah, Ga.  
 Savannah River Lumber Co., Savannah, Ga.  
 Savannah Supply Co., plumbers', mill & facty. supplies, Savannah, Ga.  
 Savarsey, Frank, contractor, Billings, Mont.  
 Savels, O. M., & Co., machsts., Worcester, Mass.  
 Saver Mach. Co., 18 B'way, New York.  
 Savery & Scheetz, architects, St. Girard Bldg., Philadelphia, Pa.  
 Savignano, Ferd. architect, 18 E. 41st, New York, & 6005 14th av, Brooklyn, N. Y.  
 Savill's, Thos., Sons, plumbers', mill & facty. supplies—jobbers, 1310 Wallace, Philadelphia, Pa.  
 Savo Mfg. Co., radiator air moisteners, 39 S. La Salle, Chicago, Ill.  
 Saw Mill Constr. Co., Hennen Bldg., New Orleans, La.  
 Saw Mill Products Co., lumber, South av, Pittsburgh, Pa.  
 Sawbridge, Jno., cornices & skylights, North Yakima, Wash.  
 Sawders Paving & Constr. Co., Union Bk. Bldg., Pittsburgh, Pa.  
 Sawin, L. H., models & patterns, Gardner, Mass.  
 Sawyer, Avila, contractor, 139 White, Lowell, Mass.  
 Sawyer Belt Hook Co., Pawtucket, R. I.  
 Sawyer Belting Co., ft. Lisbon rd, S. E., Cleveland, Ohio.  
 Sawyer Bros., ship bldrs., Millbridge, Me.  
 Sawyer, C. L., comealongs or wire pullers, Millers Falls, Mass.  
 Sawyer, C. M., lumber mfrs., Hardwick, Vt.  
 Sawyer Carriage Co., Lowell, Mass.  
 Sawyer, E. C., carriages, Beverly, Mass.  
 Sawyer, E. E., & Co., canned goods, Atkinson, N. H.  
 Sawyer, Edw. G., Co., mill engrs., 12 Providence ct., Boston, Mass.  
 Sawyer Gear Wks., 5120 St. Clair, N. E., Cleveland, Ohio.  
 Sawyer, Geo. F., & Son, slasher combs, reeds, textile machy. supplies, Saco, Me.  
 Sawyer-Goodman Co., lbr. mfrs., Marshfield, Wis.  
 Sawyer, H. F., & Son, canned goods, Boothbay Harbor, Me.  
 Sawyer, H. M., & Sons, oiled cloth, Cambridge, Mass.  
 Sawyer, Houghton, architect, Shreve Bldg., San Francisco, Cal.  
 Sawyer, Howard B., Oil Co., metal polish, 62 Long wharf, Boston, Mass.  
 Sawyer, J. E., & Co., whol. hdwe., Glens Falls, N. Y.  
 Sawyer, Otis C., lbr., Sharon, Vt.  
 Sawyer & Son, fndrs., Oswego, N. Y.  
 Sawyer, Thos. J., machsts., Worcester, Mass.  
 Sawyer Tool Mfg. Co., gauges, rules, squares, etc., Ashburnham, Mass.  
 Sawyer, W. H., & Sons Co., machinery, Americus, Ga.  
 Sawyer & Watrous, architects, Watrous Bldg., Des Moines, Ia.  
 Sax, Alfred R., Lumber Co., 18 B'way, New York.  
 Sax, Moritz, architect, 4th Nat. Bk. Bldg., Cincinnati, Ohio.  
 Saxe, Albert M., architect, 64 E. Van Buren, Chicago, Ill.  
 Saxe, E. W., Pottery Co., 3519 E. 71st, Cleveland, Ohio.  
 Saxer Paper Mills, Syracuse, N. Y.  
 Saxman, P. H., machy. dlrs., Latrobe, Pa.

Saxon Lime & Lumber Co., Bluefield, W. Va.  
 Saxon Mfg. Co., auto accessories, 1034 Grand av, Toledo, Ohio.  
 Saxon Motor Car Co., 1305 Bellevue av, Detroit, Mich.  
 Saxonville Mills, carriage robes, 93 Summer, Boston, Mass.  
 Saxony Knitting Co., gloves & mittens, Seattle, Wash.  
 Saxony Knitting Mills, knitted gloves, Needham Heights, Mass.  
 Saxony Mills, flour, St. Louis, Mo.  
 Saxton, Glen L., archt., Plymouth Bldg., Minneapolis, Minn.  
 Saxton Heating Co., 405 6th av, S., Minneapolis, Minn.  
 Saxton & Strong, masons' & bldrs.' matls., Bristol, Conn.  
 Saxton Woolen Co., woolen carriage cloth, Norwich, Conn.  
 Sayers, Iven H., canned goods, Westminster, Md.  
 Sayers & Scovill Co., automobile bldrs., 2247 Colerain av, Cincinnati, Ohio.  
 Sayle, Thos., Jr., granite producers, New London, Conn.  
 Sayles, A. L., & Sons, carriage cloth, Pascong, R. I.  
 Saylor, D. L., & Son, masons' & bldrs.' matls., Annville, Pa.  
 Saylor Elec. & Mfg. Co., flexible metl. conduits, 115 S. Main, Pittsburgh, Pa.  
 Saylor, Wm. H., architect, Gumbel Bldg., Kansas City, Mo.  
 Sayman, Dr. Thomas M., soap, 2121 Franklin av, St. Louis, Mo.  
 Sayre, C. Gadsden, architect, Anderson, S. C.  
 Sayre & Fisher Co., brick, Sayreville, N. J.  
 Sayre, Jas. H., Jr., & Co., masons' & bldrs.' matls., River, Newark, N. J.  
 Sayre, L. A., Co., adze mfrs.; plumbers' soil cups, chisels, etc., 332 Mulberry, Newark, N. J.  
 Sayre Metal Co., aluminum leaf, Sayre, Pa.  
 Sayre-Newton Lumber Co., 23d & Blake, Denver, Colo.  
 Sayre Stamping Co., Sayre, Pa.  
 Sayre, T. F., & H. C., masons' & bldrs.' matls., Elizabeth, N. J.  
 S. B. R. Specialty Co., compounds, valve grinding, East Orange, N. J.  
 Scaar, Frank, & Co., archl. iron, 1042 W. 11th, Chicago, Ill.  
 Scagliola Mfg. Co., marble, 255 Lexington av, New York.  
 Scaife Foundry & Machine Co., roll turning lathes, German Nat. Bk. Bldg., Pittsburgh, Pa.  
 Scaife, Wm. B., & Sons Co., filters, tanks, etc., 1st Nat. Bk. Bldg., Pittsburgh, Pa., & 26 Cortlandt, New York.  
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 Scala, Vincent, contractor, 73 Carroll, Brooklyn, N. Y.  
 Scales, W. J., architect, Glens Falls, N. Y.  
 Scam, S., & Son, machst., South Norwalk, Conn.  
 Scandia Granite Co., Barre, Vt.  
 Scandinavia Belting Co., 106 Reade, New York.  
 Scandrett, G. L., ties, poles & posts, Cordele, Ga.  
 Scanlan-Morris Co., hospital furniture, Madison, Wis.  
 Scanlon, Michael J., contractor, New Castle, Pa.  
 Scannell Boiler Wks., Lowell, Mass.  
 Scannell, John, Co., soap, 3208 S. Robey, Chicago, Ill.  
 Scarborough-Davies Co., contractors, Evansville, Ind.  
 Scarborough, J. O., canned goods, Fallston, Md.  
 Scarborough Motor Guide Co., maps, Indianapolis, Ind.  
 Scarritt-Comstock Furn. Corp., reclining chairs, 817 Washington av, St. Louis, Mo.  
 Scatherd & Son, lbr., Ellicott sq, Buffalo, N. Y.  
 Schaad, Ben. D., Machy. Co., Little Rock, Ark.  
 Schaaf, Adam, organs, 700 W. Madison, Chicago, Ill.  
 Schaaf Co., contrs., Mutual Life Bldg., Buffalo, N. Y.  
 Schaaf Mfg. Co., sash, door & blind mfrs., Hastings, Neb.  
 Schaaf & Schnaus, sash, door & blind, Jasper, Ind.  
 Scharf & Co., heaters & ovens, 1025 S. State, Chicago, Ill.  
 Schabarum, P. C., architect, 756 S. B'way, Los Angeles, Cal.  
 Schacht, B., archl. iron, 279 E. 148th, New York.  
 Schacht, Emil, architect, Commonwealth Bldg., Portland, Ore.  
 Schacht, G. A., Motor Truck Co., Gest & Evans, Cincinnati, O.  
 Schacht Rubber Mfg. Co., Huntington, Ind.  
 Schack, J. H., architect, Lippy Bldg., Seattle, Wash.  
 Schad, Alva, machst., Carlock, Ill.  
 Schad, Chas., ladders & scaffold bldrs., 11 Jefferson, B'klyn. N. Y.  
 Schad, Fred, & Son Iron Wks., 1117 S. Crawford av, Chicago, Ill.  
 Schad, Jos., contractor, Wilmington, N. C.  
 Schade Valve Mfg. Co., 2528 N. American, Philadelphia, Pa.  
 Schade, Wm. C., architect, 25 S. Pearl, Albany, N. Y.  
 Schadel, J., & Co., scrap iron, Springfield, Ohio.  
 Schadewald Mills, hair cloth mfrs., 3d & Huntington, Phila., Pa.  
 Schadler, F. M., architect, Reno, Nev.  
 Schadt, Wm., sashes, doors & blinds, Galveston, Tex.  
 Schaedel & Bro. Co., contractors, 118 Bruce, Newark, N. J.  
 Schaedel, Geo. W., contractor, 133 Devoe, Brooklyn, N. Y.  
 Schaefer, H. P., masons' & bldrs.' matls., Schultenberg, Tex.  
 Schaefer Brass Mfg. Co., shade holders, 815 Clark av, St. Louis, Mo.  
 Schaefer Bros. Co., rheostats, switchboards, 1059 W. 11th, Chicago, Ill.  
 Schaefer & Co., plumbers' supplies—jobbers, Buffalo, N. Y.  
 Schaefer Constr. Co., 5 W. 31st, New York.  
 Schaefer, E. P., brick, Latty, Ohio.  
 Schaefer, Edw., stone producer, Toccoa, Ga.  
 Schaefer, Emil, fndrs., 1322 N. 5th, Philadelphia, Pa.  
 Schaefer, Geo., cornices & skylights, Memphis, Tenn.  
 Schaefer, Gustav, Wagon Co., carriages, 4180 Lorain av, Cleveland, Ohio.  
 Schaefer, Henry G., architect, Heed Bldg., Philadelphia, Pa.  
 Schaefer, Joseph, mattresses, Ft. Wayne, Ind.  
 Schaefer, Louis, archl. wood turning, etc., 1444 W. 21st, Chicago, Ill.  
 Schaefer, McLaughlin Co., brushes, 395 Reed, Milwaukee, Wis.



- Schaefer Mfg. Co., machsts. & fndrs., Birmingham, Ala.  
 Schaefer Mfg. Co., window frame machinery, Berlin, Wis.  
 Schaefer, Peter E., architect, 296 W. Water, Milwaukee, Wis.  
 Schaefer Piano Mfg. Co., 218 S. Wabash av, Chicago, Ill.  
 Schaefer Tent & Awning Co., Denver, Colo.  
 Schaefer, Wm. F., cornices & skylights, 692 S. 11th, Newark, N. J.  
 Schaeffer Bros. & Powell Mfg. Co., plumbers', etc., candles; soap, Barton & Kosciusko, St. Louis, Mo.  
 Schaeffer & Budenberg Mfg. Co., Berry & S. 5th, Brooklyn, N. Y.  
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 Schaeffer, Gengnagel & Co., masons' & bldrs.' matls., Dayton, O.  
 Schaeffer, Geo. H. T., & Co., contractors, Atchison, Kans.  
 Schaeffer, J. M., blankets, flannels, woolen, Sandy Lake, Pa.  
 Schaeffer Mach. Wks., 35th & Gray's Ferry rd, Phila., Pa.  
 Schaeffer Piano Wks., 218 S. Wabash, Chicago, Ill.  
 Schaeffer, R. F., slate stair treads & risers, Bangor, Pa.  
 Schaeffer & Schwartzkopf, flour, Columbus, Ind.  
 Schaeffer, Wanner & Co., masons' & bldrs.' matls., Fleetwood, Pa.  
 Schaeffer, Joseph C., & Co., architects, 38 W. 32d, New York.  
 Schaeffler, F., interior hardwood wk., 533 W. 34th, New York.  
 Schafer, E. G. & Co., steam fitters' & plumbers' supplies—jobbers, 218 13th, N. W., Washington, D. C.  
 Schafer, F., & Son, machsts., South Bend, Ind.  
 Schafer, Jacob C., Co., meat packers, 516 W. Lexington, Baltimore, Md.  
 Schafer, Louis, brick, Le Mars, Ia.  
 Schafer, Louis N., lbr., Argos, Ind.  
 Schaff Bros. Co., pianos, Huntington, Ind.  
 Schaff, C. S., contractor, Bushnell, Ill.  
 Schaffer, Chas. W., Co., plumbers' supplies, 3214 Chestnut, Philadelphia, Pa.  
 Schaffer Engineering & Equipment Co., Tiffin, Ohio.  
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 Schaffer, G. W., brick, Spencerville, Ohio.  
 Schaffer, J. C., handles (wood), Delphos, Ohio.  
 Schaffer, John P., htg. contrs., 108 Wood, Pittsburgh, Pa.  
 Schaffer Tinware Mfg. Co., wash boilers, 76 Sedgwick, Brooklyn, N. Y.  
 Schaffer, W. H., harness, Stockton, Cal.  
 Schaffner Bros. Co., meat packers, Erie, Pa.  
 Schaffner, Daniel J., architect, Ashland Bldg., Chicago, Ill.  
 Schaffner, Geo., stone producer, Butler, Pa.  
 Schaffer, S. B., architect, 80 Maiden la, New York.  
 Schaeble & Houser, wholesale hdwe., Troy, Ohio.  
 Schairer, Geo. E., hay racks, Saline, Mich.  
 Schal, Jno. D., & Co., machsts., Chambersburg, Pa.  
 Schalker Packing Co., meat, Leavenworth, Kans.  
 Schall, A., & Co., stone, Omaha, Neb.  
 Schall Packing Co., Atlantic Wharf, Baltimore, Md.  
 Schaller & Goebel, carriages, Mendota, Ill.  
 Schaller-McKey Lumber Co., Janesville, Wis.  
 Schantz, A. J., Sons & Co., organs, Orville, Ohio.  
 Schantz & Eckert, machsts. & fndrs., Perth Amboy, N. J.  
 Schaper Const. Material Co., carriage bolts, clamps, washers, etc., 90 West, New York.  
 Schaper & Koch, meat packers, Fort Madison, Ia.  
 Schardin, F. H., architect, Forum Bldg., Sacramento, Cal.  
 Scharf Tag & Label Co., Ypsilanti, Mich.  
 Scharff, L. & A., gin distillers, 515 Clark, St. Louis, Mo.  
 Scharsmith, Jno. E., architect, 523 W. 146th, New York.  
 Scharrow Mfg. Co., chains, clips, hame loops, saddlery hdwe., etc., Milwaukee, Wis.  
 Scharitzer, G. H., Co., contractors, Bayard, Dayton, Ohio.  
 Schastey, Geo. A., architect, 681 Market, San Francisco, Cal.  
 Schatt & Morgan Cutlery Co., Titusville, Pa.  
 Schatz Mfg. Co., bearings, punches & shears, Poughkeepsie, N. Y.  
 Schatzman, P., & Son, cornices & skylights, Glendale, Ohio.  
 Schaub, Justus, masons' & bldrs.' matls.—contr., Hazleton, Pa.  
 Schaub, C. F., Co., meat packers, 2060 3d av, New York.  
 Schauer Distilling Co., Dayton, Ohio.  
 Schaum, John G., htg. contrs., Lancaster, Pa.  
 Schaum & Uhlinger, textile machy., Glenwood av & 2d, Philadelphia, Pa.  
 Schaumberg, Henry, Jr., archt., 2811 Indiana av, St. Louis, Mo.  
 Schaw-Batchern Co., wholesale hdwe., Sacramento, Cal.  
 Schawe, G. C., cornices & skylights, Lexington, Mo.  
 Scheel, Wm. H., color mfrs., oils, pigments, etc., 159 Maiden la, New York.  
 Scheele, Hy., Jr., stone prod., Sheboygan, Wis.  
 Scheffek, Frank J., architect, Park av & 176th, New York.  
 Scheffel, Wm., stone, Grand Island, Neb.  
 Scheffer, Morris L. J., architect, Islip, N. Y.  
 Scheffer & Rossum Co., harness, saddles, etc., 216 E. 4th, St. Paul, Minn.  
 Scheibe, E. F., sewing trays, Somerville, Mass.  
 Scheibel, Henry, contractor, Wyandotte, Mich.  
 Scheible-Moncrief Heater Co., 1444 W. 9th, Cleveland, Ohio.  
 Scheibler, Fred'k, architect, 6024 Penn av, Pittsburgh, Pa.  
 Scheidenhelm, Ed. D., contractor, Wilmette, Ill.  
 Scheidenhelm, Edw. I., Co., contr., 111 W. Monroe, Chicago, Ill.  
 Scheiderer, Byron, architect, Majestic Bldg., Milwaukee, Wis.  
 Scheidig, Jno., & Co., telescopes, goggles, opera glasses, 32 Maiden la, New York.  
 Scheidler Machine Works, Newark, Ohio.  
 Scheier, John H., architect, 25 W. 42d, New York.  
 Scheinman, I. L., & Co., machine wipers, Grand blvd & Hastings, Detroit, Mich.  
 Scheipering, Gustav, cornices, Quincy, Ill.  
 Scheiter, Jos. J., & Co., hair cloth mfrs., 3d & Huntington, Philadelphia, Pa.  
 Scheldt Mfg. Co., sash, door & blind mfrs., 4433 N. Crawford av, Chicago, Ill.  
 Schelewa, C. F., contractor, Galveston, Tex.  
 Schelase, J. H., carriages, Canton, Ohio.  
 Schell & Baker, contractors, Mansfield, Ohio.  
 Schell, C. A., Provision Co., Akron, Ohio.  
 Schell, J. A., cornices, & skylights, Miamisburg, Ohio.  
 Schell & Kroner, cornices, Quincy, Ill.  
 Schell, M. P., Mfg. Co., cut gears, 342 Howard, San Fran., Cal.  
 Schell, P. A., & Co., mill & facty. supplies, Somerset, Pa.  
 Schellenbach-Hunt Tool Co., Murdock Bldg., Cincinnati, Ohio.  
 Schellenberger, F. F., & Co., contractors, Oliver Bldg., Pittsburgh, Pa.  
 Schellentrager, Louis F., & Co., stone carvers, E. 10th & Canfield ct., Cleveland, Ohio.  
 Scheller, Jesse E., architect, 4654 Cottage Grove av, Chicago, Ill.  
 Schelling, Geo., architect, Mad. Sq. Gdn. Tower, New York.  
 Schellings, C. J., & Co., glycerine, 160 Pearl, New York.  
 Schellschmidt, Alvin B., archt., 215 E. 34th, Indianapolis, Ind.  
 Schelly, C. Y., & Bro., hdwe.—whol., Allentown, Pa.  
 Schemmel, Geo. C., welding & cutting apparatus, Wapakoneta, O.  
 Schenck, Albert E., architect, Real Est. Tr. Bldg., Phila., Pa.  
 Schenck Bros., carriages, Great Neck, N. Y.  
 Schenck, Geo., & Co., contractors, Butler, Pa.  
 Schenck, M. B., Co., bed & stove casters, Meriden, Conn.  
 Schenck Mfg. & Supply Co., machsts., Parker's Landing, Pa.  
 Schenck & Mead, architects, 105 W. 40th, New York.  
 Schenck & Schenck, machsts., Hugo, Okla.  
 Schenck, T. L., contractor, Butler, Pa.  
 Schenck & Walker, architects, Conover Bldg., Dayton, Ohio.  
 Schenck & Williams, architects, Ludlow Arcade, Dayton, Ohio.  
 Schencke Piano Co., 273 Rider av, New York.  
 Schenectady Contr. Co., Schenectady, N. Y.  
 Schenectady Linonite Co., insulating cloth, Schenectady, N. Y.  
 Schenectady Tile Co., flooring, Schenectady, N. Y.  
 Schenectady Varnish Co., Schenectady, N. Y.  
 Scheninger, J. A., & Bro., corn brooms, Syracuse, N. Y.  
 Schenk, E. H., Hdw. Co., cornices & skylights, Mount Vernon, Ind.  
 Schenk, F., & Sons Co., meat packers, Wheeling, W. Va.  
 Schenkemeyer, Chas., & Sons, contractors, Johnstown, Pa.  
 Schenkler, Philip, halters & horse hair, 2060 Bergen, Brooklyn, N. Y.  
 Schenley Distillery Co., Lucerne, Pa.  
 Scheppele, Chas. A., gasoline marine engines, Dubuque, Ia.  
 Scherbner, Paul, Iron Wks., 306 E. 123d, New York.  
 Scherer, Adolf, architect, Indiana Trust Bldg., Indianapolis, Ind.  
 Scherer, H., & Co., carriage fasteners, separators, sockets, etc., Detroit, Mich.  
 Scherer Mach. Co., Danville, Ill.  
 Scherer, Wm. C., & Co., sash, door & blind mfrs., 810 W. Baltimore, Baltimore, Md.  
 Schermerhorn, Clarence E., architect, 430 Walnut, Phila., Pa.  
 Scherpe, B., & Sons, pianos, 2102 Clybourn av, Chicago, Ill.  
 Scherzer Rolling Lift Bridge Co., Monadnock blk, Chicago, Ill.  
 Schettler, C. A., & Co., electric car headlights, 507 Central av, Cleveland, Ohio.  
 Schetzel, M. P., architect, Blake & Moffit Bldg., Oakland, Cal.  
 Scheubner, Herman J., coppersmiths, 424 E. 110th, New York.  
 Scheve, J. L., Lbr. Co., Hall & St. Louis, av, St. Louis, Mo.  
 Schewe, Chas. R., Co., contractors, Chamber of Commerce, Detroit, Mich.  
 Schiavone, Frank P., architect, 4128 Park av, New York.  
 Schick, Wm., stone producer, 2143 Sawyer av, Chicago, Ill.  
 Schickel Motor Co., Stamford, Conn.  
 Schickran & Wickman, carriages, Guthrie, Okla.  
 Schieble Toy & Nov. Co., Dayton, Ohio.  
 Schieche, Frank, brick, Freeman, Wash.  
 Schieffelin & Co., camphor, carbolic acid, 170 William, New York.  
 Schield, Wm., Mfg. Co., lye, 619 N. 2d, St. Louis, Mo.  
 Schiele, Edwin, Distilling Co., 118 N. 3d, St. Louis, Mo.  
 Schielke & Blommer, carriages, 327 5th, Milwaukee, Wis.  
 Schieren, Chas. A., Co., mill & facty. supplies, 30 Ferry, New York.  
 Schietinger & Ladwig, cornices, Bridgeport, Conn.  
 Schifferle, Fredolin, water htrs., 1206 S. B'way, St. Louis, Mo.  
 Schiffers, Peter & Sons, machsts. & fndrs., San Antonio, Tex.  
 Schik, Wm., Mfg. Co., Topeka, Kans.  
 Schild Specialty Co., ball cocks, 111 High av, Cleveland, Ohio.  
 Schildwacher Automobile Co., 1887 Park av, New York.  
 Schill Bros. Co., fndrs., Crestline, Ohio.  
 Schill, Fredk., & Co., sash, door & blind mfrs., 784 Springfield av, Newark, & Irvington, N. J.  
 Schiller, Fred'k., & Co., machsts., 323 N. 3d, Phila., Pa.  
 Schiller, Jos. F., blow-off valves, 316 S. Lawrence, Phila., Pa.  
 Schiller, Nolan & Co., blow-off valves, 820 Cherry, Phila., Pa.  
 Schiller Piano Co., Oregon, Ill.  
 Schiller, V., architect, 391 10th, Astoria, N. Y.  
 Schilling, Adam & Sons, engines, 211 Main, San Francisco, Cal.  
 Schilling Bros., cornices & skylights, State Center, Ia.  
 Schilling, Chas., sword scabbards, Phila., Pa.  
 Schilling, John N., cornices, 479 N. 20th, Columbus, Ohio.  
 Schilling, L. S., architects, Punxsutawney, Pa.



- Schillinger, A. J., & J. G., tubular boilers, Moline, Ill.  
Schillinger Bros., contractors, Illinois, Detroit, Mich.  
Schillinger Bros., Co., contractors, 215 City Park av, Toledo, O.  
Schillinger Construction Co., 2322 N. Seeley av, Chicago, Ill.  
Schillinger, G. A., contractor, 133 W. Washington, Chicago, Ill.  
Schillner, G. C., architect, Rome, N. Y.  
Schimmel & Co., pianos, Faribault, Minn.  
Schimmel, Reid & Co., machinery, Faribault, Minn.  
Schimper, Wm., & Co., silver nov., Hoboken, N. J.  
Schimplefenig, Chas., cornices, Lafayette, Ind.  
Schindler, A. J., Co., machsts., 1314 W. 21st, Chicago, Ill.  
Schindler, Chas., advertising novelties, Toledo, Ohio.  
Schindler, H., & Co., carriages, 174 Spear, San Francisco, Cal.  
Schingel, Jos., Jr., contractor, Danville, Ill.  
Schinnerer, Geo., cooperage stock, Columbus, Ind.  
Schippel, Albert, architect, Mankato, Minn.  
Schirm, F., Contracting Co., 4336 College av, St. Louis, Mo.  
Schirm, J. S., Commercial Co., masons' & bldrs.' matls., San Diego, Cal.  
Schwerdle Stamp Co., steel & rubber stamps, mfrs., 43 Cannon, Bridgeport, Conn. *See adv index at end of book.*  
Schlachter, Henry, contractor, 348 Alpha pl, Brooklyn, N. Y.  
Schlachter, Phillips, Jr., masons' & bldrs.' matls.—contr., Streator, Ill.  
Schlachter's, Jacob, Sons, meat packers, 2839 Colerain av, Cincinnati, Ohio.  
Schlacks, Henry J., architect, 4306 S. Sheridan rd, Chicago, Ill.  
Schlafer Hardware Co., Appleton, Wis.  
Schlangen Racker Co., beer racking machy., Clybourn & Herndon, Chicago, Ill.  
Schlater, R. H., cornices & skylights, Des Moines, Ia.  
Schlatter, C. C., & Co., mill & facty. supplies—whol. hdwe., Fort Wayne, Ind.  
Schlecte, Wm., brick, Okawville, Ill.  
Schlede, Christian, brick, Kingston, N. Y.  
Schleesinger Bros., brick, Colo. Springs, Colo.  
Schleffarth, Chas. Co., surgical instruments, 8 S. B'way, St. Louis, Mo.  
Schlegel, Chas. H., contractor, Mt. Penn, Pa.  
Schlegel, Dan'l, machst., Boyertown, Pa.  
Schlegel Mfg. Co., silk fringes, Rochester, N. Y.  
Schlegel, Oscar, Mfg. Co., bronze powders, enamels, varnishes, etc., 111 E. 12th, New York.  
Schleicher Motor Vehicles Co., 37 W. 14th, New York.  
Schlelein, F. P., Mach'y Co., 32 W. Parkway, N. S., Pittsburgh, Pa.  
Schlemmer, Oliver Co., heating contr., 1060 Hulbert av, Cincinnati, Ohio.  
Schlenoff & Elson, carriages, 311 W. 15th, New York.  
Schlesinger, Jacob, contractor, 1269 B'way, New York.  
Schlesinger, Leo, & Co., advtg. nov.; tinware mfrs., etc., 64 Wooster, New York.  
Schlesinger, W. & S., & Co., bedstead mfrs., 137 5th av, New York & Richardson, Brooklyn, N. Y.  
Schlitz, Philip, machst., Wauseon.  
Schleunes, J. F., contractor, Duluth, Minn.  
Schlutter, Fred, contractor, Fort Smith, Ark.  
Schley Carriage & Wagon Co., Memphis, Tenn.  
Schley, Fred'k, & Co., cutting dies, etc., 59 Beekman, New York.  
Schley, Perce G., architect, 114 Grand av, Milwaukee, Wis.  
Schlieter, E. F., Co., wooden tank mfrs., 10 S. 18th, Phila., Pa.  
Schlichter Jute Cordage Co., 20 N. Front, Phila., Pa.  
Schlichter, P. M., & W., marble, 636 1st av, New York.  
Schliemann's Oil & Ceresine Co., 25 Beaver, New York.  
Schliesser, Wm., & Arnold, brick, Sherwood, Ohio.  
Schlom, Meyer J., cornices & skylights, Houston, Tex.  
Schlorer & Son, meat packers, Camden, N. J.  
Schlossberg & Cohen, contractors, Ann & Aramingo, Phila., Pa.  
Schloss, E., tree moss, Baton Rouge, La.  
Schloss, E., & Co., tea wagons, Grand & E. River, New York.  
Schloss, Jos. W., Co., crochet buttons, 160 5th av, New York.  
Schloss, Frank, stone producer, Covington, Ky.  
Schlosser, Henry, architect, San Rafael, Cal.  
Schlosser, Jacob, & Son, cornices, Hamilton, Ohio.  
Schlosser Mfg. Co., machsts., 151 E. 126th, New York.  
Schlothman, W. F., machst., Ketchikan, Alaska.  
Schlotter, Frank J., architect, 113½ Upper 4th, Evansville, Ind.  
Schluckebier Hardware Co., Petaluma, Cal.  
Schlueter, A., & Co., cutting dies, 297 Washington, Newark, N. J.  
Schlueter, M. L., floor polishing, scraping & surface machines, 225 W. Illinois, Chicago, Ill.  
Schlueter Mfg. Co., japanned & tinware mfrs., B'way & John av, St. Louis, Mo.  
Schlueter, Stephen, machst., Napoleon, Ind.  
Schlutt & Archut, contractors, St. Joseph, Mich.  
Schmadel Packing & Ice Co., meat packers, Evansville, Ind.  
Schmahl, Jacob, tin plate, etc., 28 Lloyd, Buffalo, N. Y.  
Schmalz, C. F., buttons, Muscatine, Ia.  
Schmatolla, Ernst, metallurgical engrs., 150 Nassau, New York.  
Schmauss Co., meat packers, Rockford, Ill.  
Schmedien, W. H., carriages, Coldwater, Mich.  
Schmeers Paper Box Co., sample cases, paste, Syracuse, N. Y.  
Schmeltz, F. L., Co., archts., 1st Nat. Bk. Bldg., Pittsburgh, Pa.  
Schmetzler, Chas. H., architect, Fairbury, Ill.  
Schmickl, F., & Co., trav. bags & suit bases, 873 B'way, New York.  
Schmid Bros., machsts. & fndrs., Lancaster, Pa.  
Schmid, E., Co., surgical instruments, 912 Wayne av, Indianapolis, Ind.  
Schmid, Emil, architect, 319 Spring, Pittsburgh, Pa.  
Schmid, John, bank fixtures, 58 Oak, San Francisco, Cal.  
Schmid, Leopold, surgical instruments, 1241 Buttonwood, Phila., Pa.  
Schmid Mfg. Co., hdwe. mfrs., Dubuque, Ia.  
Schmid, Matthew, contractor, 1308 N. 6th, Phila., Pa.  
Schmid & Parker Packing Co., meat, Sacramento, Cal.  
Schmidt, Arthur F., cornices, 419 State, Milwaukee, Wis.  
Schmidt & Ault Paper Co., York, Pa.  
Schmidt, B. L., Co., machsts. & fndrs., Davenport, Ia.  
Schmidt Bros., machsts., 909 Faile, New York.  
Schmidt Bros., contractors, Superior, Wis.  
Schmidt Bros., & Co., flour mills, Elkader, Ia.  
Schmidt Bros. Construction Co., 105 N. Clark, Chicago, Ill.  
Schmidt, C., Co., butchers' machy. & supplies, Livingston & John, Cincinnati, Ohio.  
Schmidt, C. P., architect, Shukert Bldg., Kansas City, Mo.  
Schmidt Construction Co., 904 W. Washington, Chicago, Ill.  
Schmidt Cut Stone Co., South Bend, Ind.  
Schmidt, D. H., Carriage & Wagon Co., St. Joseph, Mo.  
Schmidt-Dauber Co., pianos, 444 W. 13th, New York.  
Schmidt, David H., Co., piano key hammers, Poughkeepsie, N. Y.  
Schmidt, F. L., Co., 11th av & 21st, New York.  
Schmidt, F. W., stone, Morristown, N. J.  
Schmidt Fawcett Co., Rochester, N. Y.  
Schmidt, Fred A., architect's instruments & supplies, 721 13th, Washington, D. C.  
Schmidt, G. L., cottonseed meal, Lincoln, Ala.  
Schmidt, Geo., windmills, East Williston, N. Y.  
Schmidt, Geo., cornices & skylights, Oldenburg, Ind.  
Schmidt, Geo. A., Co., soap, 236 W. North av, Chicago, Ill.  
Schmidt, Geo. P., Co., cornices & skylights, 1020 E. Ohio, Pittsburgh, Pa.  
Schmidt, Geo. R., machst., Cedar Rapids, Ia.  
Schmidt, Geo. T., name plates, 136 W. Lake, Chicago, Ill.  
Schmidt, Geo. W., brick, 180 Linwood av, Buffalo, N. Y.  
Schmidt, H., & Co., cornices, 451 S. Clark, Chicago, Ill.  
Schmidt, H. E., & Co., reeds, New Bedford, Mass.  
Schmidt, Hy., & Sons, lbr. mfrs., Keokuk, Ia.  
Schmidt, Hugo, architect, 7222 Oglesby av, Chicago, Ill.  
Schmidt, J. C., fndrs., Passaic, N. J.  
Schmidt, John J., architect, 352 Avenue C, Bayonne, N. J.  
Schmidt, Jos., machst. & fndr., Moline, Ill.  
Schmidt, Lorentz, 126 N. Market, Wichita, Kans.  
Schmidt, Matthew, stone producer, Grand Rapids, Mich.  
Schmidt, Oscar, musical instruments, 87 Ferry, Jersey City, N. J.  
Schmidt, P. C., architects, Shukert Bldg., Kansas City, Mo.  
Schmidt, P., & Co., stone, 355 E. North av, Milwaukee, Wis.  
Schmidt, Philip, contractor, Youngstown, Ohio.  
Schmidt, Richard E., architect, Garden & Martin, Chicago, Ill.  
Schmidt, Sam'l, cornices, 162 N. Desplaines, Chicago, Ill.  
Schmidt & Stork Wagon Co., wagon spokes, West Bend, Wis.  
Schmidt, W. H. & Sons Co., sash, door & blind mfrs., 307 3d av, Milwaukee, Wis.  
Schmidt, W. T., architect, 1625 W. 10th, Oklahoma City, Okla.  
Schmidt Walter K. Co., wood stains, Grand Rapids, Mich.  
Schmidt, William, architect, 1188 Main, Bridgeport, Conn.  
Schmidt, Wm., contractor, 306 E. 159th, New York.  
Schmidt, Wm. C., archt., 520 Springdale av, East Orange, N. J.  
Schmidt, Wm. & Co., masons' & bldrs.' matls., Tipton, Mo.  
Schmidt, Wm. F. & Co., machsts., 3149 Texas av, St. Louis, Mo.  
Schmidt, Wiphart, brick & tile, Kenton, O.  
Schmidtman's, Theo. Sons Co., pads & tablets, Manitowoc, Wis.  
Schmidt, H., & Son, bldg. contrs., 684 Jackson, Milwaukee, Wis.  
Schmied, Sisman Co., contractors, 385 Beauport, Detroit, Mich.  
Schmile, Carl, & Son, architects, Prudential Bldg., Buffalo, N. Y.  
Schminke, H., Co., cornices, Evansville, Ind.  
Schmit Trunk & Bag Co., Oshkosh, Wis.  
Schmitt, Anthony, F. A., architect, 604 Courtlandt av., New York.  
Schmitt, Chas. N., glass stainers, 4th & Callowhill, Phila., Pa.  
Schmitt & Co., contractors, Wilkes-Barre, Pa.  
Schmitt, Edw. F., cornices, 521 Ludlow, Philadelphia, Pa.  
Schmitt, Ernest, architect, Hannibal, Mo.  
Schmitt, Frank, & Co., sashes, doors & blinds, Portland, Ore.  
Schmitt & Henry Mfg Co., bed springs & mattresses, Des Moines, Ia.  
Schmitt, J. B., contractor, 610 Sycamore, Cincinnati, O.  
Schmitt, Jacob, masons' & bldrs. matls., Secaucus, N. J.  
Schmitt, John A., Sons, contractors, Wilkes-Barre, Pa.  
Schmitt, M., Aeroplane & Motor Wks., airplane engines, Paterson, N. J.  
Schmitt, Max, brick, Cullman, Ala.  
Schmitt, Maximilian, aeroplanes & supplies, Paterson, N. J.  
Schmitt, W. M., contractor, Jamestown, N. D.  
Schmitt, F. W., & Co., lumber, Cashmere, Wash.  
Schmitt's, Jno. A., Sons, masons' & bldrs.' matls., Wilkes-Barre, Pa.  
Schmitz, Geo., & Bro., auto. wood bodies, 666 Genesee, Buffalo, N. Y.  
Schmitz, Harley C., & J. J., architects, 3344 Observatory rd, Hyde Park, Cincinnati, O.  
Schmitz, Jos., mattresses, Lancaster, Pa.  
Schmitz, Moore & Co., silver nov., 407 Mulberry, Newark, N. J.  
Schmitz, Robt. H., architect, 801 3d av., Milwaukee, Wis.  
Schmitz, Wm., pianos, 48 Bartlett, San Francisco, Cal.



- Schmoller & Mueller Piano Co., Omaha, Neb.  
 Schmook, H. B., mach. & fdr., Springfield, Mo.  
 Schmuck Co., masons' & bldrs.' mats., Hanover, Pa.  
 Schnaible, M., & J. Co., soap, Lafayette, Ind.  
 Schnair, Jacob, scrap brass, 297 Water, New York.  
 Schnaittcher, Sylvan, architect, 233 Post, San Francisco, Cal.  
 Schnauffer Roofing Co., cornices & skylights, 816 Concord, Pittsburgh, Pa.  
 Schnebelin, Fred., machsts. & fdrs., Mascoutah, Ill.  
 Schneck Mach. Co., 811 St. Paul, Milwaukee, Wis.  
 Schnefel Bros., cutlery mfrs.; ink erasers, etc., 684 S. 17th, Newark, N. J.  
 Schneible, C. A., ale & beer pumps, 132 E. 121st, New York  
 Schneider, A. H., brick, Nicholasville, Ky.  
 Schneider-Bowman Co., grey iron castings, Vandike & Frankford, Philadelphia, Pa.  
 Schneider Brick Co., Columbus, Ohio.  
 Schneider Bros., sample cases, 32 W. Pearl, Cincinnati, Ohio.  
 Schneider Bros., contractors, Hammond Bldg., Detroit, Mich.  
 Schneider Bros., brick, Pearl River, La.  
 Schneider & Brown Lumber Co., Marquette, Mich.  
 Schneider, Chas., Co., htg. contrs., 492 E. 163d, New York  
 Schneider, Chas. S., architect, 2248 Euclid av., Cleveland, O.  
 Schneider, Chris., architect, 216½ W. 3d, Duluth, Minn.  
 Schneider, Christ., & Son, contrs., 1251 De Kalb av., Brooklyn, N. Y.  
 Schneider, Eberhard, mov. picture machs., 219 2d av., New York  
 Schneider, Ed., architect, Corona, N. Y.  
 Schneider, Emil, soldering flux, paste, salts & sticks, 298 South, Newark, N. J.  
 Schneider, F. H., stucco work, 631 W. Belden, Syracuse, N. Y.  
 Schneider, Ferd. T., architect, 1314 F. N. W., Washington, D. C.  
 Schneider Granite Co., 2140 DeKalb, St. Louis, Mo.  
 Schneider, H. C., contractor, 514 S. 14th, Newark, N. J.  
 Schneider Hardware Co., Erie, Pa.  
 Schneider, Harvey W., architect, Parkersburg, W. Va.  
 Schneider, Henry, contractor, Jefferson City, Mo.  
 Schneider, Henry J., architect, Council Bluffs, Ia.  
 Schneider, J. S., telephone mouthpieces, door openers, etc., Ridgefield, Conn.  
 Schneider, John A., & Co., carriages, 3717 Colerain av., Cincinnati, Ohio.  
 Schneider, Louis, stencils, monograms, 249 Market, Newark, N. J.  
 Schneider & Metzger, machsts., Peoria, Ill.  
 Schneider, Peter F., clothes washing machines, B'way Mkt. Bldg., Detroit, Mich.  
 Schneider & Potter, architects, Cuyahoga Bldg., Cleveland, O.  
 Schneider & Thenkamp Co., water heaters, stoves, etc., Cleveland, Ohio.  
 Schneider, Walter S., architect, 346 5th av., New York  
 Schneider, Walter W., architect, 120 So. Main, South Bend, Ind.  
 Schneider's, C. A., Sons, iron railings, 212 12th, Washington, D. C.  
 Schneiderville Granite Co., St. Louis, Mo.  
 Schnell & Son, common brick, La Crosse, Wis.  
 Schneller, C. W., masons' & bldrs.' mats., Catasauqua, Pa.  
 Schnier Block Co., buttons, Muscatine, Ia.  
 Schnetzky & Son, architects, Germania Bldg., Milwaukee, Wis.  
 Schnitker & Sons Co., wood handles, New Haven, Ind.  
 Schnitzler, Chas. H., cornices, 215 N. 2d, Philadelphia, Pa.  
 Schnorr Box Co., pkg. box mfrs., Manitowoc, Wis.  
 Schnuerer & Murray, advtg. nov., 15 E. 32d, New York.  
 Schnur, P., Printing Co., Joplin, Mo.  
 Schnurmann, J., scrap rubber, 30 Church, New York.  
 Schnute-Holman Co., mfrs. & erectors interior hardwood wk., Evansville, Ind.  
 Schober, Geo. M., machsts., 3231 Market, Philadelphia, Pa.  
 Schoch, Christ, Lbr. Co., sash, door & blind mfrs., Manitowoc, Wis.  
 Schock, F. R., architect, 21 N. La Salle, Chicago, Ill.  
 Schock, G., & Son, machsts., 514 W. 57th, New York.  
 Schock Parlor Frame Co., picture frame mouldings, Minneapolis, Minn.  
 Schock Refining Co., petroleum, Niotage, Kans.  
 Schoder & Lombard Engraving Co., dies & stamps, 261 Canal, New York.  
 Schoedinger, F. O., 146 N. 3d, Columbus, Ohio.  
 Schoedinger-Marr Co., whol. hdwe., 102 N. High, Cleveland, O.  
 Schoelhorn-Albrecht Mach. Co., 416 N. Main, St. Louis, Mo.  
 Schoeller, A., architect, Corona, N. Y.  
 Schoellkopf Aniline & Chemical Wks., 100 William, New York.  
 Schoellkopf, G. H., Saddlery Co., Dallas, Tex.  
 Schoen, Alex C., architect, 711 Bline av., West New York, N. J.  
 Schoen, Eugene, architect, 106 E. 19th, New York, & 371 Fulton, Brooklyn, N. Y.  
 Schoen-Jackson Co., carbureters, Media, Pa.  
 Schoen & Walter Co., trunks, 762 11th, Milwaukee, Wis.  
 Schoenborn, A. J., automobile trunks, Greenleaf, Kans.  
 Schoenborn & Cowles Mfg. Co., screw mach. prod., 368 Mt. Elliott, Detroit, Mich.  
 Schoeneberg, Fred, iron, 8th & Evans, Cincinnati, Ohio.  
 Schoeneck Co., automobiles, Harvey, Chicago, Ill.  
 Schoeneman Bros. Co., lumber mfrs., Hawarden, Ia.  
 Schoenewald, Robt., machsts., Philadelphia, Pa.  
 Schoenfeldt, Frank, architect, 4058 W. Madison, Chicago, Ill.  
 Schoenfeldt, Wm., machsts., 787 3d av., New York.  
 Schoengarth, Aug., common brick, Neillsville, Wis.  
 Schoenbut, A., Co., swords, Adams & Sepviva, Philadelphia, Pa.  
 Schoenig, Wm. K., & Son, architect, 422 Springfield av., Newark, N. J.  
 Schoening-Koenigsmark Milling Co., flour mills, Prairie Du Rocher, Ill.  
 Schoepfle Mfg. & Lbr. Co., Sandusky, Ohio.  
 Schoepflin Co., automobiles, 80 W. Mohawk, Buffalo, N. Y.  
 Schofield Bros., lumber, Penna. Bldg., Philadelphia, Pa.  
 Schofield-Burkett Constr. Co., Macon, Ga.  
 Schofield & Co., agricultural implements, Freeport, Ill.  
 Schofield, Fred, machsts. & fndrs., Everett, Wash.  
 Schofield, Geo. L., cotton mchy., 123 N. Front, Phila., Pa.  
 Schofield, Geo. W., architect, First Nat. Bk. Bldg., Covington, Ky.  
 Schofield, J., & Son, woolen blankets, Madison, Ind.  
 Schofield, Wm., Co., machsts. & fndrs., Krams av, Wilde, Philadelphia, Pa.  
 Schofield's, J. S., Sons Co., mill & facty. supplies, Macon, Ga.  
 Scholding, C. E., cornices, Yonkers, N. Y.  
 Scholes Bros., cornices & skylights, 1241 Reedsdale, Pittsburgh, Pa.  
 Scholes, John, & Co., loom harness, etc., Lowell, Mass.  
 Scholl, Adam, machsts. & fndrs., 225 E. 128th, New York.  
 Scholl Bros., brick, Lansdale, Pa.  
 Scholl, Edw. Z., architect, 6th & Court, Reading, Pa.  
 Scholl, Leonard & Sons, contractors, 298 12th, Detroit, Mich.  
 Scholl, M. F., sash, door & blind, West Newton, Pa.  
 Scholl, W. J., Co., steamfitters' supplies, Youngstown, Ohio.  
 Schollborn, Wm., Co., hdwe. mfrs., New Haven, Conn.  
 Scholler Bros. Co., cotton softeners, 3301 Amber, Phila., Pa.  
 Scholler Mfg. Co., wrenches, 45 N. Division, Buffalo, N. Y.  
 Scholton, D. G., marble producers, Gouverneur, N. Y.  
 Scholz, Arthur G., architect, Phelan Bldg., San Francisco, Cal.  
 Scholz, F. J., & Son, stone prod., Evansville, Ind.  
 Scholze & Bro., fertilizer mfrs., Chattanooga, Tenn.  
 Scholze, E. W., soap, Chattanooga, Tenn.  
 Schomer, Hy., Co., spring beds, 509 Mather, Chicago, Ill.  
 Schommer, J. N., contractor, Chamber of Commerce, Minneapolis, Minn.  
 Schonbach, Anton, architect, 18 S. B'way, Yonkers, N. Y.  
 Schonemann, Fred, cornices, Rochester, N. Y.  
 Schonthal, J., Iron Co., scrap iron & steel, Columbus, Ohio.  
 School of Traction Eng., Engng. Schools & Coll., St. Paul, Minn.  
 Schoonmaker, A. O., insulating tape & washers, etc., 88 Park pl, New York.  
 Schoonover, Henry A., contractor, Columbus, Ind.  
 Schoor, Sam'l, pearl buttons, West New York, N. J.  
 Schorsch, & Co., paper bags, Brook av & 133d, New York.  
 Schott, J. B., Saddlery & Mfg. Co., Quincy, Ill.  
 Schott-Suter Co., meat packers, 52 Randall, Providence, R. I.  
 Schott, Wm., Mach. Shop, Batesville, Ind.  
 Schotte, Armin, architect, Erie Trust Bldg., Erie, Pa.  
 Schottland, Benj., plate glass, 105 Wooster, New York.  
 Schouler Cement Const. Co., weather strips, 154 Frelinghuysen av, Newark, N. J.  
 Schouten, J. W., & Co., lumber, 738 Bryant, San Francisco, Cal.  
 Schoverling, Daly & Gales, gun tubes & nipples, 302 B'way, New York.  
 Schrack, C., & Co., paint mfrs., 152 N. 4th, Philadelphia, Pa.  
 Schrade Cutlery Co., Walden, N. Y.  
 Schrader, Geo. F., architect, Saranac Lake, N. Y.  
 Schrader Iron Wks., fndrs., 1249 Harrison, San Francisco, Cal.  
 Schrader, Whittick & Co., paint mfrs., 1318 Clybourne av, Chicago, Ill.  
 Schrader's, A., Son, automobile castings, tire valves, etc., 783 Atlantic av, Brooklyn, N. Y.  
 Schrage, W. F., architect, 43 E. 32d, Kansas City, Mo.  
 Schram Glass Mfg. Co., bottles, Wright Bldg., St. Louis, Mo.  
 Schramm, Chris. D., & Son, granite machy., 308 N. 4th, Philadelphia, Pa.  
 Schran, J. H., contractor, Sharpsburg, Pa.  
 Schrauder & Co., meat packers, Monroe, Mich.  
 Schraven, J. T. & H. E., contractors, D. F. Walker's Bldg., Salt Lake City, Utah.  
 Schrayers, M., Sons & Co., handles, shovels, etc., 917 W. 18th, Chicago, Ill.  
 Schreck & Waelty, cornices, 27 Hague, Jersey City, N. J.  
 Schreiber Bros., cornices & skylights, Blue Island, Ill.  
 Schreiber Carriage Mfg. Co., Chariton, Ia.  
 Schriber, L., & Sons Co., arch'l iron & structl. iron & steel work, 30 E. 42d, New York, & 3869 Ivanhoe, Cincinnati, O.  
 Schreick, J., & Co., cornices, 906 S. Preston, Louisville, Ky.  
 Schreiner, Chas., Co., masons' & bldrs.' mats., Kerrville, Tex.  
 Schreiter, A. C., Co., contrs., Manitowoc, Wis.  
 Schreitmuller Stone Co., 174 Waverly av, Newark, N. J.  
 Schrenk & Co., mirrors, plate glass, Hoboken, N. J.  
 Schreyer, G., Co., fndrs., Columbus, Ohio.  
 Schriber & Bellman, architects, 2nd Nat. Bk. Bldg., Toledo, O.  
 Schridde, Wm., box printing dies, 358 W. Madison, Chicago, Ill.  
 Schrier, Walter, machsts., Utica, N. Y.  
 Schrimpf, Chas. G., cornices & skylights, Spokane, Wash.  
 Schriver, O. P., & Co., hardware specialties, 621 E. Pearl, Cincinnati, Ohio.  
 Schrock, W. A., mattresses, Richmond, Cal.



- Schroder Bros., contractors, 765 Folsom, San Francisco, Cal.  
 Schroder, J. B., & Co., hardware mfrs., 133 E. 5th, Cincinnati, Ohio.  
 Schroeck, Adolph, contractor, Erie, Pa.  
 Schroeder, A. J., boilers, Donaldsonville, La.  
 Schroeder Brick & Lime Co., Shakopee, Minn.  
 Schroeder Bros., sash locks, 902 Payne, St. Paul, Minn.  
 Schroeder, C. H., Co., sashes, doors & blinds, Toledo, Ohio.  
 Schroeder, Edw., Lamp Wks., machsts. & fndrs., 716 Jersey av, Jersey City, N. J.  
 Schroeder Electric Co., elec. lighting systems, Evansville, Ind.  
 Schroeder, Geo. F., architect, Weitzenhorn Bldg., Wilkes-Barre, Pa., & Hazleton, Pa.  
 Schroeder, H. V., Mfg. Co., agricultural implements, Minier, Ill.  
 Schroeder Headlight Co., Evansville, Ind.  
 Schroeder, John, contractor, Jamestown, N. D.  
 Schroeder, John, Lumber Co., Ft. Walnut, Milwaukee, Wis.  
 Schroeder, John M., architect, 35 N. Dearborn, Chicago, Ill.  
 Schoeder Milling Co., flour, St. Joseph, Minn.  
 Schroeder Paint Co., Lancaster, Pa.  
 Schroeder Paint & Glass Co., Detroit, Mich.  
 Schroeder-Rutka Hdwe. Co., cornices, Howell, Mich.  
 Schroeder, S. E. Mfg. Co., clothes washing machines, Minier, Ill.  
 Schroeder, W. H. R., cornices, Americus, Ga.  
 Schroepfer, Albert, architect, Foxcroft Bldg., San Francisco, Cal.  
 Schroeter Bros. Hardware Co., 717 Washington av., St. Louis, Mo.  
 Schroeter, J. H., & Bro., machsts. & fndrs., Atlanta, Ga.  
 Schroom River Pulp & Paper Co., Warrensburg, N. Y.  
 Schroth & Ahrens Co., sash, door & blind mfrs., 1534 S. Halsted, Chicago, Ill., & Winona, Minn.  
 Schroth, J. & F., Packing Co., meat, Cormany & Township av, C. W., Cincinnati, Ohio.  
 Schubert, August, Wagon Co., auto. metal bodies, Oneida, N. Y.  
 Schubert, Bernard, contractor, 155 Jamaica av, Brooklyn, N. Y.  
 Schubert, C., architect, 366 5th av, New York.  
 Schubert, Jos. C., Sons, contractors, 364 S. 11th, Newark, N. J.  
 Schubert, Geo. F., architect, 2551 Sheffield av, Chicago, Ill.  
 Schuch, John L., cornices, 930 Diamond, Philadelphia, Pa.  
 Schuchardt & Judell, architects, 428 Jefferson, Milwaukee, Wis.  
 Schuchardt & Schutte, butchers' machy. & supplies, engraving, drilling & gear cutting machs., etc., 90 West, New York.  
 Schuchter, Anton, contractor, Newport, Ky.  
 Schuchts, D. R., mill & facty. supplies, 215 President, Baltimore, Md.  
 Schuck, J. H., & Son, masons' & bldrs.' matls. & lbr. mfrs., Springfield, Ill.  
 Schuddemaye, Henry, contractor, Harrisburg, Pa.  
 Schueler Bros., carriages, 249 Milwaukee, Milwaukee, Wis.  
 Schueler, T., & Co., brass fndrs., 48 19th, av, Newark, N. J.  
 Schuesler, Edw. A. (Est. of), 254 Weiss, Buffalo, N. Y.  
 Schuessler, Jno., ventilator mfr., Covington, Ky.  
 Schuessler, Wm., trunk mfrs., 12 N. Market, Chicago, Ill.  
 Schuett & Frey, contractors, 791 Weil, Milwaukee, Wis.  
 Schuette Recording Compass Co., Manitowoc, Wis.  
 Schuette, Wm., & Co., lumber, Bndn. Trust Bldg., Pittsburgh, Pa.  
 Schug Elec. Mfg. Co., gas igniters, Detroit, Mich.  
 Schuh, Chas. P., contractor, 8 Albany, New York.  
 Schukraft, Wm., & Sons, auto. wood bodies, 941 Fulton, Chicago, Ill.  
 Schule, A., architect, 360 av C, Bayonne, N. J.  
 Schuler Art Glass Co., 617 W. Jackson blvd, Chicago, Ill.  
 Schuler, Chas., & Co., ash cans, 15 Stuyvesant, New York.  
 Schuler-Mueller Co., glass bevellers, stainers, memorial windows, 314 W. Superior, Chicago, Ill.  
 Schulte, C. B., Sons Co., whol. hdwe., 716 Main, Cincinnati, O.  
 Schulte, G. G., stone prod., Dubuque, Iowa.  
 Schultheiss, W. F., Co., machinists, San Diego, Cal.  
 Schultz, A. G., & Co., babbitt metal, 114 E. Lombard, Baltimore, Md.  
 Schultz, A. L., & Son, machsts., 1675 Elston av, Chicago, Ill.  
 Schultz, Alfred F., sash, door & blind mfrs., 10220 Vine av, Chicago, Ill.  
 Schultz, Algott, contractors, 222 Union av, Bridgeport, Conn.  
 Schultz, Baujan & Co., wheat flour, Beardstown, Ill.  
 Schultz Belting Co., 111 Chambers, New York.  
 Schultz, C. B., contractor, Plymouth, Wis.  
 Schultz & Co. gold, silver & aluminum leaf, 25 St. Mark's pl, New York.  
 Schultz, D. D., cornices, 2047 W. 22d, Chicago, Ill.  
 Schultz, F., & Co., printers' chases, 164 N. Clinton, Chicago, Ill.  
 Schultz & Hirsch Co., mattresses, 1300 Fulton, Chicago, Ill.  
 Schultz, Julius, brewery architect, 1370 Main, Buffalo, N. Y.  
 Schultz & Laning, cornices, Richmond, Ind.  
 Schultz, M., Co., organs, 711 Milwaukee av, Chicago, Ill.  
 Schultz Patent Rubber Co., 1230 St. James, Philadelphia, Pa.  
 Schultz, Peter L., architect, 256 Summit av, West Hoboken, N. J.  
 Schultz, Richard A., machsts., 1511 N. Halsted, Chicago, Ill.  
 Schultz, S. E., architect, Milan, Mo.  
 Schultz, Sam'l, contractor, 1139 N. 40th, Philadelphia, Pa.  
 Schultz, W. W. & A. J., ties, poles, posts, etc., Old Colony Bldg., Chicago, Ill.  
 Schultz, Walter L., machst., 6432 Nordica av, Chicago, Ill.  
 Schultz, Wm. H., contractor, 3340 N. Carlisle, Philadelphia, Pa.  
 Schultze & Emanuel, sash, door & blind, 614 3d, Pittsburgh, Pa.  
 Schultze, Geo., & Co., lbr. mfrs., Evansville, Ind.  
 Schultze Mfg. Co., trimmings, 46 Lawrence, Newark, N. J.  
 Schultze, Robertson & Schultze, Inc., ship bldrs., 1151 Evans av, San Francisco, Cal.  
 Schultze-Stove & Hardware Co., San Antonio, Tex.  
 Schultz's, Michael, Sons, gold leaf, 152 E. Houston, New York.  
 Schulz, Carl, architect, 67 Gregory, New Haven, Conn.  
 Schulz, H. C., cornices, Kenosha, Wis.  
 Schulz, M., Co., pianos, 711 Milwaukee av, Chicago, Ill.  
 Schulze & Emanuel, lbr., Allegheny, Pa.  
 Schulze Hardware Co., cornices & skylights, Portage, Wis.  
 Schulze Leather & Findings Co., Duluth, Minn.  
 Schulze, Wm., architect, 3942 Cornelia av, Chicago, Ill.  
 Schum, Albert D., contractor, Pottsville, Pa.  
 Schumacher, Anson B., fertilizer mfrs., Hazleton, Pa.  
 Schumacher, Edw. A., architect, Nevada Bk. Bldg., San Francisco, Cal.  
 Schumacher, F. E., Co., screens, Hartville, Ohio.  
 Schumacher, H., Oil Wks., meal, Navasota, Tex.  
 Schumacher, J., Sheet Metal Wks., 408 E. 151st, New York.  
 Schumacher, Ramon, architect, Scarritt Bldg., Kansas City, Mo.  
 Schumacher Stone Co., Pandora, Ohio.  
 Schuman, O. E., contractor, Newark, N. J.  
 Schumann, Chas. H., architect, 280 B'way, New York.  
 Schumann Piano Co., Rockford, Ill.  
 Schumann, Robt. A., architect, 932 Lambertson, Trenton, N. J.  
 Schumann & Roden, cornices, 914 3d, Milwaukee, Wis.  
 Schumann & Sons Piano Co., 229 E. 41st, New York.  
 Schunck & Ogg, massage vibrators, 235 Canal, New York.  
 Schunk Hardware Co., Toledo, Ohio.  
 Schupp, Wm., & Co., heating contractors, 616 S. 3d av, Minneapolis, Minn.  
 Schureman, D. S., & Son, architects, Delaware, Ohio.  
 Schureman, J. L., Co., mchsts., 122 S. Michigan av, Chicago, Ill.  
 Schurenberg, F. W., agricultural implements, Brenbam, Tex.  
 Schurk Iron Wks., 20 S. Cardinal, St. Louis, Mo.  
 Schurman, Frank M., architect, 18 Maple, Buffalo, N. Y.  
 Schurmann, E., glass stainers, Indianapolis, Ind.  
 Schurmeier Wagon Co., 9th & B'way, St. Paul, Minn.  
 Schurs, John, burners, Los Angeles, Cal.  
 Schurs Oil Burner Co., 1001 N. Main, Los Angeles, Cal.  
 Schuster, Benj. J., wholsale hdwe., Selma, Ala.  
 Schuster & Co., mattresses, 414 N. Howard, Baltimore, Md.  
 Schut & Kliehn, lumber, Hennen blk, New Orleans, La.  
 Schutte & Koerting Co., machinists, 1251 N. 12th, Phila., Pa.  
 Schutte, Albert J., architect, Camp Bldg., Milwaukee, Wis.  
 Schutte, Alfred H., machy. dlr., 90 West, New York.  
 Schutte, Hy., Sons, sash, door & blind mfrs., Quincy, Ill.  
 Schutte & Koerting Co., pumps, valves, condensers, etc., 1251 N. 12th, Philadelphia, Pa.  
 Schutte, Wm. H., carriages, Mount Joy, Pa.  
 Schuttler, Peter, Co., carts & wagons—dumping, 2509 W. 22d, Chicago, Ill.  
 Schutz Bros., Inc., wood turning, 71 W. B'way, New York.  
 Schutz Mfg. Co., ground connection & testing clamps, 3225 Ravenswood av, Chicago, Ill.  
 Schutz, Schreiner & Clyde Co., contractors (bldg. & gen.), May Bldg., Pittsburgh, Pa.  
 Schutz, Theo. F., architect, 296 W. Water, Milwaukee, Wis.  
 Schuyler Co., machinists, Berkeley, Cal.  
 Schuyler, J. P., contractor, Medina, N. Y.  
 Schuyler, W. S., gas stoves, Savannah, Mo.  
 Schuykill Pressed Brick Co., Schuykill Haven, Pa.  
 Schuykill Stone Co., Birdsboro, Pa.  
 Schuykill Valley Vitriified Products Co., Reading, Pa.  
 Schwab-Le Zotte Boiler Co., 16th & Canal, Milwaukee, Wis.  
 Schwab, Ph., Co., machsts., 16th & Canal, Milwaukee, Wis.  
 Schwab, R. J., & Sons Co., steam & hot water furnaces, 283 Clinton, Milwaukee, Wis.  
 Schwab Safe Co., machsts. & fndrs., Lafayette, Ind.  
 Schwabacher Hardware Co., Seattle, Wash.  
 Schwabe, F. J., & Son, patterns, Ft. Wayne, Ind.  
 Schwagari, Edw. D., landscape archt., Washington Bldg., Tacoma, Wash.  
 Schwager & Nettleton, Inc., lumber, Seattle, Wash.  
 Schwahn-Seyberth Saddlery Co., Eau Claire, Wis.  
 Schwalbe, Frank R., & Sons, contractors, LaCrosse, Wis.  
 Schwallers, C., Sons, masons' & bldrs.' matls., Hays, Kans.  
 Schwamb, Theo., Co., piano cases, Arlington Heights, Mass.  
 Schwan, Geo. H., architect, 307 4th av, Pittsburgh, Pa.  
 Schwarm & Jacobus Co., inks, 906 B'way, Cincinnati, Ohio.  
 Schwartz, Abr., mattresses, 62 Bergen, Brooklyn, N. Y.  
 Schwartz, Albert A., architect, 6 N. Clark, Chicago, Ill.  
 Schwartz Belting Co., 76 Murray, New York.  
 Schwartz & Berstein, oiled clothing, Gloucester, Mass.  
 Schwartz Bros. & Co., tubular boilers, Cheboygan, Mich.  
 Schwartz, Charles L., sash, door & blind, Naperville, Ill.  
 Schwartz, Fred'k, meat packers, Rensselaer, N. Y.  
 Schwartz, Geo., & Co., meat packers, Albany, N. Y.  
 Schwartz & Gross, architects, 347 5th av, New York.  
 Schwartz, Herrmann, cold rolled steel, 121 Nassau, New York.  
 Schwartz, J. C., carriages, 548 Baronne, New Orleans, La.



- Schwartz, Jacob, architect, 43 Tremont, Boston, Mass.  
 Schwartz, Jacob, contractor, 2308 N. 27th, Philadelphia, Pa.  
 Schwartz, Jos. Co., whol. hdwe., 548 Baronne, New Orleans, La.  
 Schwartz, L. H. A., & Co., tex. machy. (wool finishing machines), 40 Central, Boston, Mass.  
 Schwartz, Morris, architect, 190 B'way, New York.  
 Schwartz, Osear, archt., Provident Bk. Bldg., Cincinnati, Ohio.  
 Schwartz, S. Robt., & Bro., ground connection clamps, 729 B'way, New York.  
 Schwartz & Stewart, mill & facty. supplies—whol. hdwe., Natchez, Miss.  
 Schwartz, W. E., architect, Camden, Me.  
 Schwartzkopf's, J. G., Sons, mill & facty. supplies—whol. hdwe., Columbus, Ind.  
 Schwartz's, M., Sons, mill & facty. supplies, Bangor, Me.  
 Schwarz Bros. Co., jewelry cases, 402 W. 40th, New York.  
 Schwarz Bros. Co., tallow, Kearny, N. J.  
 Schwarz Foundry Co., Fort W. & Vermont, Detroit, Mich.  
 Schwarz, Fred'k J., architect, 146 Ellison, Paterson, N. J.  
 Schwarz, Jos., architect, Sioux Falls, S. D.  
 Schwarz, Jos., & Son, machsts., Belleville, Ill.  
 Schwarz, Julius J., architect, 1514 Elm, Cincinnati, Ohio.  
 Schwarz, L. I., ash cans, 357 B'way, New York.  
 Schwarz, S. A., Oil Co., soap, 1543 Columbus rd., Cleveland, O.  
 Schwarze Electric Co., electric bells, Adrian, Mich.  
 Schwarzenberg, E. A., scrap iron, Leader News Bldg., Cleve., O.  
 Schwarzler, A. J., contractor, 369 E. 167th, New York.  
 Schwarzwaelder, W. O., bank fixtures, Chichester, N. Y.  
 Schwarzwald, J., & Sons, kegs, tanks (wooden), Hoboken, N. J.  
 Schweers Hardware Co., machsts. & fndrs., Shawano, Wis.  
 Schwehms, John M., Sons, hair cloth mfrs., 13 Wister, Philadelphia, Pa.  
 Schweickhard, Jacob, cooperage stock, Tiffin, Ohio.  
 Schweinfurth, Chas. F., architect, Garfield Bldg., Cleveland, O.  
 Schweinfurth, J. A., architect, 53 State, Boston, Mass.  
 Schweitzer, C., & R., floor plates, 849 Center, Chicago, Ill.  
 Schweitzer, C. R., heating contrs., Everett, Wash.  
 Schweitzer, Chas. A., contractor, Shamokin, Pa.  
 Schweitzer & Conrad, transformer cut-outs & enclosed fuses, 1770 Berteau av., Chicago, Ill.  
 Schweitzer, E. R., architect, Shamokin, Pa.  
 Schweitzer, John, architect, Chillicothe, Ohio.  
 Schweitzer Mach. Co., Tucson, Ariz.  
 Schweitzer, Samuel, paste, 660 W. Lake, Chicago, Ill.  
 Schweizer, C. K., stencils, 214 Vine, St. Louis, Mo.  
 Schweizer, John, carriages, Hamilton, Ohio.  
 Schwender, Eugene, architect, 161 Devonshire, Boston, Mass.  
 Schwenger-Klein Co., machy. & refrigerators, 515 Woodland av., Cleveland, Ohio.  
 Schwenker, W. M., ice making & refrigerating apparatus, Irish moss, 342 E. 92d, New York.  
 Schwenn, August, architect, Madison, Wis.  
 Schwenn, Wm., archt. & ornamtl. iron, 830 Lex. av., B'klyn., N. Y.  
 Schwensen, Wm. (Est. of), silk fringes, 46 Walker, New York.  
 Schweppe & Wilt Mfg. Co., machsts., Detroit, Mich.  
 Schward, A. F., Mfg. Co., porch columns, 145 McClure, Pittsburgh, Pa.  
 Schwerdtle Stamp Co., steel stamps, etc., 43 Cannon, Bridgeport, Conn.  
 Schwyer, Hy. A., Co., marble producers, King of Prussia, Pa.  
 Schwers, F. W., Jr., Co., steel structural wk., 20 West, New York.  
 Schwikert, Frank, & Son, billiard tables, Rochester, N. Y.  
 Schwing & Co., cornices, 190 Ferry, Newark, N. J.  
 Schwing, Jno., Corp., cornices, Bridgeport, Conn.  
 Schwing Lumber & Shingle Co., Ltd., Plaquemine, La.  
 Schwing Bros., cornices, 2637 W. Hagert, Philadelphia, Pa.  
 Schwob, J. A., Co., grain cradles, Moundsville, W. Va.  
 Schwoerer, A., Const. Co., cornices, 140 W. 42d, New York.  
 Science Hill Canning Co., Science Hill, Ky.  
 Science Hill Milling Co., flour, Science Hill, Ky.  
 Scientific American, publication, Woolworth Bldg., New York.  
 Scientific Heater Co., Whitney Power Bldg., Cleveland, Ohio.  
 Scientific Instrument Co., hydrometers, regulators, etc., Detroit, Mich.  
 Scientific Materials Co., laboratory apparatus & supplies, 717 Forbes, Pittsburgh, Pa.  
 Scientific Physical Culture Co., sporting goods, 564 Jackson blvd., Chicago, Ill.  
 Scientific Products Co., elec. cooking app., Steubenville, Ohio.  
 Scio Condensed Milk Co., Scio, Ore.  
 Scio, Nicola, contractor, Grantwood, N. J.  
 Scioto Boiler Wks., 37 N. Scioto, Columbus, Ohio.  
 Scioto Firebrick Co., Scioto, Ohio.  
 Scioto Lime & Stone Co., Delaware, Ohio.  
 Scioto Valley Supply Co., plumbers', mill & facty. supplies, Long & 3d, Columbus, Ohio.  
 Sciple Sons, masons' & bldrs.' matls., W. Fair & Cen. R. R., Atlanta, Ga.  
 Seisorek, L., architect, 11 Clinton, Newark, N. J.  
 Seitate Mills, rubber cements, Greenbush, Mass.  
 Seabee R. P., & Son Co., lumber, Winchester, Ky.  
 Scofield & Co., desk telephone brackets, inkstands, etc., 150 Nassau, New York.  
 Scofield Engineering Co., consulting engineers, Commercial Trust Bldg., Philadelphia, Pa.  
 Scofield, Levi T., architect, Schofield Bldg., Cleveland, Ohio.  
 Scollay, J. A., plant sprinklers, 74 Myrtle av., Brooklyn, N. Y.  
 Scopes & Feustmann, architects, 37 E. 28th, New York, & Saranac Lake, N. Y.  
 Scotch Hill Slate Co., Fair Haven, Vt.  
 Scotch Lumber Co., Fulton, Ala.  
 Scotland Mills, lumber, Jacksonville, Fla.  
 Scotland Neck Guano Co., Scotland, N. C.  
 Scott & Bitterman, contractor, Davenport, Ia.  
 Scott Brick Process Co., N. American Bldg., Philadelphia, Pa.  
 Scott Bros., granite prod., Barre, Vt.  
 Scott Bros., machinists, Cadiz & Kilbourne, Ohio.  
 Scott Bros. Elec. Co., lamp guards, Detroit, Mich.  
 Scott, C. M., Packing Co., Dover, Del.  
 Scott, C. S., machinist, Cadiz, Ohio.  
 Scott, C. U., steel hardening, Davenport, Ia.  
 Scott, Chas. B., Co., plumbers', mill & facty. supplies—jobbers, Scranton, Pa.  
 Scott, Charles E., architect, Grand Opera House, Terre Haute, Ind.  
 Scott & Clark Corp., carriages, Norwich, Conn.  
 Scott, Claude D., architect, Grand Opera House, Terre Haute, Ind.  
 Scott Co., heating contractors, 243 Minna, San Francisco, Cal.  
 Scott-Coppage Co., loose leaf devices, 295 Lafayette, New York.  
 Scott County Milling Co., feed, Sikeston, Mo.  
 Scott, D. I., & Co., contractors, 932 E. Washington, Indianapolis, Ind.  
 Scott Drill Co., 1013 Chestnut, St. Louis, Mo.  
 Scott, Earl B., architect, Humboldt Bk. Bldg., San Francisco, Cal.  
 Scott Elec. Co., 357 Ogden, Newark, N. J.  
 Scott Fertilizer Co., Elkton, Md.  
 Scott, Fitzbugh, architect, 424 Jefferson, Milwaukee, Wis.  
 Scott, Geo., architect, Ann Arbor, Mich.  
 Scott, Geo. V., Co., machsts. & fndrs., Brockton, Mass.  
 Scott & Gilbert, chemists, 116 1st, San Francisco, Cal.  
 Scott-Graff Lbr. Co., Duluth, Minn.  
 Scott, H. C., machst. & fndr., Tarpon Springs, Fla.  
 Scott, H. L., & Co., contractors, San Antonio, Tex.  
 Scott Hay Press Co., bale tie machs., pitless scales, etc., 1209 Union av., Kansas City, Mo.  
 Scott, Hy. L., & Co., machsts., 101 Blackstone, Providence, R. I.  
 Scott & Howe, lumber mfrs., Tacoma, Wash.  
 Scott & Howe Lumber Co., Ironwood, Mich.  
 Scott, J. B., Co., street ry. tickets, Kansas City, Mo.  
 Scott, J. F., & Son, brick, common, Knoxville, Tenn.  
 Scott, Jas., & Sons, burlap, bags, 346 B'way, New York.  
 Scott, John, & Co., architects, Dime Bk. Bldg., Detroit, Mich.  
 Scott, John F., Co., contractors, 500 2nd av., Pittsburgh, Pa.  
 Scott, John M., & Sons, rail anchors, lock-nuts & washers, etc., Racine, Wash.  
 Scott, Jno., & Sons, contractors, Pierce Bldg., St. Louis, Mo.  
 Scott & Kemmerer, carriages, Hamburg, Pa.  
 Scott-Luggers Lbr. Co., Holland, Mich.  
 Scott, Lyman, & Stack Co., cornices & skylights, Sacramento, Cal.  
 Scott Mill Co., flour, Knoxville, Tenn.  
 Scott, Milton W., & Co., architects, Peerless Bldg., Waco, Tex.  
 Scott, N. S., Co., store & bar fixtures, 440 Adelphi, Bklyn., N. Y.  
 Scott, Nat'l G., contractor, Hennen Bldg., New Orleans, La.  
 Scott, Olin (Est. of), machinist & fndr., Bennington, Vt.  
 Scott, Oliver, contractor, Yonkers, N. Y.  
 Scott Paper Co., paper table covers & towels, 7th & Glenwood, Philadelphia, Pa.  
 Scott, R., Hardware Co., Muncie, Ind.  
 Scott, Rob't, steam htg. contractor, 1723 Ranstead, Phila., Pa.  
 Scott Roofing & Mfg. Co., 408 Culvert, Cincinnati, Ohio.  
 Scott & Sons Co., machinists, Medford, Mass.  
 Scott Supply & Machy. Co., Denver, Colo.  
 Scott, T. A., Co., dock bldrs. & contrs., New London, Conn.  
 Scott, T. H., architect, 307 4th av., Pittsburgh, Pa.  
 Scott-Taylor Co., contractors, Ashland, Wis.  
 Scott-Ullman Co., elec. & gas light fixtures, 3400 Perkins av., N. E., Cleveland, Ohio.  
 Scott Valve Co., 310 W. Randolph, Chicago, Ill.  
 Scott & Van Altena, lantern slides, 6 E. 39th, New York.  
 Scott, W. P., contractor, 133 W. Court, Indianapolis, Ind.  
 Scott, Walter, & Co., machsts. & fndrs., Plainfield, N. J.  
 Scott & Welch, architects, Dooly Bldg., Salt Lake City, Utah.  
 Scott & West Co., cork carpets, 9 E. 40th, New York.  
 Scott, Wm. H., Co., cornices, Portland, Me.  
 Scott & Williams, knitting machinery & textile machy. supplies, 366 B'way, New York, & 88 Pearl, Boston, Mass.  
 Scottdale Furnace Co., blast furnaces, Cleveland, Ohio.  
 Scottdale Mach. & Mfg. Co., Scottdale, Pa.  
 Scottdale Mills, cotton sheeting, Scottdale, Ga.  
 Scotten, Geo. P., & Son, canned goods, Magnolia, Del.  
 Scottsburg Canning Co., Scottsburg, Ind.  
 Scottsville Flour Mills, Scottsville, Va.  
 Scottsville Milling Co., flour, Scottsville, Ky.  
 Seourene Mfg. Co., soap, 539 W. 39th, New York.  
 Seovel Iron Store Co., 754 Howard, San Francisco, Cal.  
 Seovill Mfg. Co., brass, bronze & German silver in sheets, plates, wire rods, cups & circles, also special stampings of all kinds, Waterbury, Conn. *See adv index at end of book.*  
 Scoville, D. & H., agricultural implements, Higganum, Conn.  
 Scoville, E. U., Co., machsts. & fndrs., Manlius, N. Y.



Scoville, H. D., canned goods, Constantia, N. Y.  
 Scoville Iron Wks., machinists, Oakland, Cal.  
 Scoville, M. G., sons Co., brooms, Ogden, Utah.  
 Scoville & Peck Co., auto. & marine lamps, New Haven, Conn.  
 Scoville, Wm. H., contractor, Hartford, Conn.  
 Scow Bay Iron & Brass Wks., Astoria, Ore.  
 Scown, Wm. J., Bldg. Co., 36 W. Randolph, Chicago, Ill.  
 Scrannage Bros., machsts. & fndrs., 77 Travers, Boston, Mass.  
 Scranton Ave. Carriage & Wagon Wks., 2346 Scranton rd, Cleveland, Ohio.  
 Scranton Bedding Co., mattresses, Scranton, Pa.  
 Scranton Bolt & Nut Co., Scranton, Pa.  
 Scranton Button Co., electrical specialties, 409 Cherry, Scranton, Pa.  
 Scranton & Co., hdwe. mfrs., machsts., etc., New Haven, Conn.  
 Scranton Drop Forging Co., Scranton, Pa.  
 Scranton Elec. Const. Co., 629 Counelle Bldg., Scranton, Pa.  
 Scranton Gas & Water Co., Scranton, Pa.  
 Scranton Pump Co., Scranton, Pa.  
 Scranton Silk Mach. Co., Scranton, Pa.  
 Scranton Stove Wks., Scranton, Pa.  
 Scranton Supply & Machy. Co., machsts. tools, mill & facty. & steam fitters' supplies, Scranton, Pa.  
 Scranton Whetstone & Abrasive Wheel Co., Scranton, Pa.  
**"S-C" REGULATOR MFG. CO.,** valves, feed water regulators, brass & bronze castings, etc., Fostoria, Ohio.  
*See adv index at end of book.*  
 Screw Machine Products Corp., screw machine products & interior telephone mfrs., 1012 Eddy, Providence, R. I.  
 Screw Mach. Spec. Co., 1132 Austin av, Chicago, Ill.  
 Scribbins, John A., architect, Decatur, Ill.  
 Scribner, A. C., desk lights, Gloversville, N. Y.  
 Scribner Boiler Compound Co., 315 N. Wood, Chicago, Ill.  
 Scribner, Gilbert H., contractor, 108 S. La Salle, Chicago, Ill.  
 Scribner, Harvey (Est. of), Gardner, Me.  
 Scribner, W. E., Sons, contractors, Auburndale, Mass.  
 Scripps Booth Corp., automobile bldrs., Beaufait & Gratiot, Detroit, Mich.  
 Scripps Motor Co., engines, 629 Lincoln av, Detroit, Mich.  
 Scroggs, Philander P., architect, Augusta, Ga.  
 Scudder, Henry D., Jr., architect, Essex Bldg., Newark, N. J.  
 Scudder, R. G., & Son, lbr., Camden, N. J.  
 Scull Bros., contractors, Atlantic City, N. J.  
 Scull, Harry G., contractor, Atlantic City, N. J.  
 Scullin, Simon (Est. of), machsts. & fndrs., Cambria & American, Philadelphia, Pa.  
 Scullin Steel Co., steel castings, car trimmings, etc., 6700 Manchester av, St. Louis, Mo.  
 Scully, C. J., contractor, Holly Beach, N. J.  
 Scully, Jno. T., Foundation Co., dock bldrs., Cambridge, Mass.  
 Scully-Jones & Co., drill sockets, spacing collars, etc., 647 Railway Exchange Bldg., Chicago, Ill.  
 Scully Pattern & Model Wks., S. W. cor. 5th & Delaware, Kansas City, Mo.  
 Scully Steel & Iron Co., boiler braces, cleaners, flue heads, fronts, etc., New Continental & Commercial Bank Bldg., Chicago, Ill.  
 Sculthorpe, John H., architect, Miami, Fla.  
 Scusa, Lino, machinist, Phoenix, N. Y.  
 Scutt, Frank, canned goods, Verbank Village, N. Y.  
 Sea Beach Packing Wks., Aberdeen, Wash.  
 Seaberg, Gustav, dumb waiters, 407 Douglas, Brooklyn, N. Y.  
 Seaboard Constr. Co., Witherspoon Bldg., Philadelphia, Pa.  
 Sea-Board Oil Co., lubrg., Seattle, Wash.  
 Seaboard Rice Milling Co., Galveston, Tex.  
 Seaboard Steel Castings Co., Chester, Pa.  
 Seaboard Steel & Manganese Corp., 74 Broadway, New York, and Temple, Pa.  
 Seaboard Supply Co., plumbers' supplies, Norfolk, Va.  
 Seaborg, B. A., canned goods, Gold Beach, Ore.  
 Seaborn Shipyards Co., Tacoma, Wash.  
 Seabright Woven Felt Co., Camden, Me.  
 Seabury, B. Hammett, architect, Besse blk, Springfield, Mass.  
 Seabury, Chas. L., & Co., shipbuilders. (See Gas Engine & Power Co., Morris Heights, N. Y.)  
 Seabury, Dwight, mill engineers, 12 East av, Pawtucket, R. I.  
 Seabury & Johnson, rubber goods—medical & surgical plasters, cotton, gauze, etc., 59 Maiden la, New York.  
 Sea Coast Canning Co., Eastport, Me.  
 Seacoast Fertilizer Co., Savannah, Ga.  
 Seadler, Jas., architect, Forum Bldg., Sacramento, Cal.  
 Sea Food Co., canned, Biloxi, Miss.  
 Seafried Bros., trunk mfrs., 2811 Girard av, Phila., Pa.  
 Seager Engine Wks., machsts & fndrs., Lansing, Mich.  
 Seagrave Co., motor fire apparatus, Columbus, Ohio.  
 Seagraves & Purtil, contractors, Woodstown, N. J.  
 Seagrist, F. W. Jr., Co., granite, 533 E. 18th, New York.  
 Sea Island Cotton Oil Co., meal, Charleston, S. C.  
 Seal, W. E., & Co., canvas gloves, Millersburg, Pa.  
 Seale Fertilizer Co., Seale, Ala.  
 Sealwell Piston Ring Co., Sioux City, Ia.  
 Sealy Mattress Co., Sugarland, Tex.  
 Sealy & Rambo, fertilizer mfrs., Edison, Ga.  
 Sealy, Thos., rosin mfr., 138 Front, New York.  
 Seamless Rubber Co., tennis balls, New Haven, Conn.  
 Seamless Tube Co. of America, pipe & tube mills, Frick Bldg., Pittsburgh, Pa.

Seaman, A., architect, Baldwin, N. Y.  
 Seaman, A. C., expansion bolts, 124 N. 6th, Philadelphia, Pa.  
 Seaman, Jas., & Son, contractors, 303 S. Perry, Johnstown, N. Y.  
 Seaman Oil Co., soap, Glen Cove, N. Y.  
 Seaman & Schuske Metal Wks. Co., cornices, St. Joseph, Mo.  
 Seaman-Sleeth Co., machsts. & fndrs, 41 & Willow, Pittsburgh, Pa.  
 Seaman, W. S., Co., tele. cabinet wk.; auto. bodies, 480 Virginia, Milwaukee, Wis.  
 Seamans, S. D., masons' & bldrs.' matls., Aurora, Ill.  
 Seamon, Thos. H., stone producer, Poughkeepsie, N. Y.  
 Searchlight Co., oxy-acet. welding app., 910 S. Michigan av, Chicago, Ill.  
 Searie & Chapin Lumber Co., Lincoln, Nebr.  
 Searight Mfg. Co., pencil sharpeners, 143 Columbia W. Detroit, Mich.  
 Searles, E. M., architect, 3327 Market, San Diego, Cal.  
 Searls Mfg. Co., carriage hdwe mfrs., 29 Mulberry, Newark, N. J.  
 Searls Mfg. Co., top prop nuts, Cleveland, Ohio.  
 Sears, A. H., potato planters, plows, swings, cornices & skylights, Plano, Ill.  
 Sears Bros., punch & shear combined, Onslow, Ia.  
 Sears, C. E., & Co., canned goods, Circleville, Ohio.  
 Sears-Cross Co., automobile horns, Bush ter., Brooklyn, N. Y.  
 Sears, D. M., Co., canned goods, Fort Wayne, Ind.  
 Sears, Henry D., electrical supplies, rosettes, sockets, etc., 80 Boylston, Boston, Mass.  
 Sears Lumber Co., sash, door & blind, Middleboro, Mass.  
 Sears & Nichols Canning Co., Chillicothe, Ohio.  
 Sears, Roebuck, & Co., wallpaper, 1020 S. Spaulding av, Chicago, Ill.  
 Sears, Saddlery, Co., Davenport, Ia.  
 Sears, Thos. W., landscape architect, 107 Westminster, Providence, R. I.  
 Sears, W. H., architect, James Bldg., Chattanooga, Tenn.  
 Sears, W. T., architect, 70 Kilby, Boston, Mass.  
 Sears & Wendell, landscape architects, 1424 Wlnut, Phila., Pa.  
 Seas, J. F., & Sons, masons' & bldrs.' matls., Orrville, Ohio.  
 Seashore Mach. Wks., Atlantic City, N. J.  
 Seaside Canneries, Seaside, Ore.  
 Seaside Canning Co., Ocean City, Md.  
 Seaside Shingle Mill, lumber, Everett, Wash.  
 Seater Mfg. Co., machsts, Peoria, Ill.  
 Seaton, B. F., contractor, 62 Q, NW, Washington, D. C.  
 Seaton, John, Fdry. & Mfg. Co., Atchison, Kans.  
 Seator, Sinclair M., architect, 35 N. Dearborn, Chicago, Ill.  
 Seattle-Astoria Iron Wks., machsts. & fndrs., Seattle, Wash.  
 Seattle Boiler Works, marine, Seattle, Wash.  
 Seattle Brass Co., castings, Seattle, Wash.  
 Seattle Brick & Tile Co., common, Seattle, Wash.  
 Seattle Car & Fdry. Co., Seattle, Wash.  
 Seattle Cedar Lumber Mfg. Co., porch columns, Seattle, Wash.  
 Seattle Constr. & Dry Dock Co., Seattle, Wash.  
 Seattle Cornice Wks., Seattle, Wash.  
 Seattle Frog & Switch Co., Seattle, Wash.  
 Seattle Hardware Co., 501 1st av, S., Seattle, Wash.  
 Seattle Lumber Co., Seattle, Wash.  
 Seattle Machine Wks., Seattle, Wash.  
 Seattle Mattress & Uph. Co., Seattle, Wash.  
 Seattle Metal Ceiling Co., sheet steel ceilings, cornices & skylights, Seattle, Wash.  
 Seattle Packing Co., Seattle, Wash.  
 Seattle Paint Co., varnish mfrs., Seattle, Wash.  
 Seattle Saddlery Co., harness strap wk. mfrs., Seattle, Wash.  
 Seattle Sand & Gravel Co., Seattle, Wash.  
 Seattle Sheet Metal Shop, cornices & skylights, Seattle, Wash.  
 Seattle Stove Wks., machsts. & fndrs., Seattle, Wash.  
 Seattle Suit Case Mfg. Co., traveling bags, Seattle, Wash.  
 Seattle Tent & Awning Co., contrs., Seattle, Wash.  
 Seaver & Co., bone, carbon, drop, ivory & lamp blk, 120 Milk, Boston, Mass.  
 Seaverns Piano Action Co., Buffalo, N. Y.  
 Seavey, C. W., machinist, Paynesville, Minn.  
 Seavey Co., loose leaf devices, Portland, Me.  
 Seavey Hardware Co., Fort Wayne, Ind.  
 Seavey, J. F., Lbr. Co., Dover, N. H.  
 Seavy, Geo. E., lbr., Windham Depot, N. H.  
 Seay, E. W. & S. F., contractors, Norfolk, Va.  
 Sebastian Bros., corn brooms, fruit evaporators, Odin, Ill.  
 Sebastian Lathe Co., Covington, Ky.  
 Sebewaing Lumber & Mfg. Co., sash, door & blind, Sebewaing, Mich.  
 Sebold, R. Perry, contractor, commercial Bldg., Dayton, O.  
 Sebolt, Conrad, contractor, New Brunswick, N. J.  
 Sebring, E. H., China Co., Sebring, O.  
 Sebring Motor Car Co., Sebring, Ohio.  
 Seccomb-Kehew-Bradley Co., potato starch mfrs., Boston, Mass.  
 Sechler & Co., carriages, 538 E. 5th, Cincinnati, Ohio.  
 Sechler, D. M., Implement & Carriage Co., Moline, Ill.  
 Sechrist, Albert, Mfg. Co., gas & electric light fixtures, Denver, Colo.  
 Second Hand Pipe & Supply Co., machy. dlrs., Parkersburg, W. Va.  
 Secor, A. W., mill & facty. supplies, 76 Fulton, New York.  
 Secor, M. M., Trunk Co., Racine, Wis.  
 Secor Typewriter Rep. Co., Derby, Conn.  
 Secord & Orr Co., friction clutches, Jackson, Mich.



- Secrest, John P., stone producers, Laurel, Ind.  
 Secrist & Camper, canned goods, Buchanan, Va.  
 Sector, Jas., & Co., granite, Barre, Vt.  
 Security Auto Lock Co., 452 5th av, New York.  
 Security Bank Note Co., street ry. tickets, 223 Chestnut, Philadelphia, Pa.  
 Security Bridge Co., 36th & Hiawatha av, Minneapolis, Minn.  
 Security Cement & Lime Co., lime & cement mfrs., Hagerstown, Md.  
 Security Construction Co., Los Angeles, Cal., & Youngstown, O.  
 Security Elec. Lamp Co., 134 S. Clinton, Chicago, Ill.  
 Security Envelope Co., 29th & 5th av, S., Minneapolis, Minn.  
 Security Flour Mills Co., Abilene, Kans.  
 Security Insert Co., concrete inserts, 101 N. 33rd, Phila., Pa.  
 Security Lightning Rod Co., Burlington, Wis.  
 Security Roofing & Repair Co., 164 E. 35th, New York.  
 Security Steel & Iron Co., Watervliet, N. Y.  
 Security Stove & Mfg. Co., 17th & Oakland av, Kansas City, Mo.  
 Security Window Guard Co., 30 E. Randolph, Chicago, Ill.  
 Sedalia Fdry. & Mach. Wks., Sedalia, Mo.  
 Sedalia Milling Co., flour, Sedalia, Mo.  
 Sedgley, R. F., revolver mfrs., 2311 N. 16th, Philadelphia, Pa.  
 Sedgwick, C. S., architect, Lumber Exch., Minneapolis, Minn.  
 Sedgwick Mach. Wks., Poughkeepsie, N. Y.  
 Sedgwick Tie Co., Beals Bldg., Kansas City, Mo.  
 Sedlachek, E., bldg. contr., Superior, Wis.  
 See A. B. Elec. Elevator Co., 220 B'way, New York.  
 See, John W., architect, Burley, Idaho.  
 See, Milton, & Son, architects, 15 E. 40th, New York.  
 Seeber, John H., architect, Oswego, N. Y.  
 Seebboth Bros. Co., scrap iron, 7111 Reed, Milwaukee, Wis.  
 Seeburg, J. P., Piano Co., 419 W. Erie, Chicago, Ill.  
 Seeburger, Frank, architect, Penna. Bldg., Philadelphia, Pa.  
 Seed Filter & Mfg. Co., 96 Church, New York.  
 Seeder Mfg. Co., agricultural implements, Homer, Mich.  
 Seeds, Thos. M., Jr., contractor, 1207 Race, Philadelphia, Pa.  
 Seeger Refrigerator Co., Arcade & Wells, St. Paul, Minn.  
 Seeger, Valentine, machst. & fndr., Toledo, Ohio.  
 Seeger-Walraven Co., mill supplies, Atlanta, Ga.  
 Seegmuller Bros. Co., gummed labels, 21 E. 14th, New York.  
 Seehausen, Wehrs & Co., steamfitters' supplies, 179 N. Franklin, Chicago, Ill.  
 Seehorn, I. H., architect, 328 Clay, Los Angeles, Cal.  
 Seekamp, H. D., Mach. Co., cutting dies, St. Louis, Mo.  
 Seekins, R., architect, Stonington, Me.  
 Seelar Elev. Wks., 332 3d av, Pittsburgh, Pa.  
 Seeler, Edgar V., architect, 101 S. Juniper, Philadelphia, Pa.  
 Seeley Bros., machy., Blaine, Wash.  
 Seeley, John A., Mfg. Co., fndrs., Ogdensburg, N. Y.  
 Seeley Paper Mills Co., binders' & friction boards, Scotch Plains, N. J.  
 Seeley Tube & Box Co., paper cans, etc., 344 Central av, Newark, N. J.  
 Seelie, R., & Son, engng. instruments, 231 N. 5th av, Chicago, Ill.  
 Seely Bros., machsts., Blaine, Wash.  
 Seely, D. W., machst. & fndr., Sodus Point, N. Y.  
 Seely, Frances A., Co., fireless cookers, 5735 Harper av, Chicago, Ill.  
 Seely Office Appliance Co., 114 Liberty, New York.  
 Seelye, A. T., cornices & skylights, 32 N. E. 4th, Minneapolis, Minn.  
 Seelye Mfg. Co., machsts. & fndrs., 118 South, Boston, Mass.  
 Seerie Bros., granite producers, Denver, Colo.  
 Sees & Faber Co., mill & facty. supplies, 2008 N. Front, Philadelphia, Pa.  
 Seestedt, Henry W., machst. & fndr., Romulus, Mich.  
 Seever's Mfg. Co., machsts. & fndrs., Oskaloosa, Ia.  
 Seifert, Clarence L., architect, 110 W. 40th, New York.  
 Seifton Carriage Wks., Harrisburg, Pa.  
 Seifton, Chas. A. S. E., carriages, cor. Monument & Eden, Baltimore, Md.  
 Seifton Mfg. Co., wood dishes, 1301 W. 35th, Chicago, Ill.  
 Seifton, Wm. J., paper pails, 54 Lafayette, New York.  
 Segal, Nathan, architect, 124 W. 112th, New York.  
 Segale Mfg. Co., store fixtures, 68 E. Spring, Columbus, Ohio.  
 Segelke & Kohlhaus Mfg. Co., sash, door & blind, plate glass, La Crosse, Wis.  
 Seger & Gross Co., store & bar fixtures, 518 W. 55th, New York.  
 Seguin Milling & Power Co., flour, Seguin, Tex.  
 Seguin-Runyon-Stiles Co., masons' & bldrs.' matls., ft. Main, Princes Bay, N. Y.  
 Seib Bros., pulleys, mallets, etc., 96 Boyd, Jersey City, N. J.  
 Seibel-Suessdorf Copper & Iron Mfg. Co., 2d & Lombard, St. Louis, Mo.  
 Seiberling & Miller Co., agricultural implements, Doylestown, O.  
 Seibert, B. F., architect, Mansfield, Ohio.  
 Seibert Co., heating contractors, 1433 Divisadero, San Francisco, Cal.  
 Seibert, H. E., fly catchers, 475 B'way, St. Paul, Minn.  
 Seick Tent & Awning Co., Des Moines, Ia.  
 Seidel Buggy Co., Richmond, Ind.  
 Seidel Furniture Mfg. Co., 516 Barracks, New Orleans, La.  
 Seidel, Julius, Lumber Co., 2000 S. Kingshighway, St. Louis, Mo.  
 Seidel Mfg. Co., sash pulleys, Boatmen's Bank Bldg., St. Louis, Mo.  
 Seidel, Reuben R., crucible mfrs., 1322 Callowhill, Phila., Pa.  
 Seideman Bros., silk fringes, 121 N. 7th, Philadelphia, Pa.  
 Seidnitz & Werner, contractors, Winona, Minn.  
 Seidl-Best Mower & Harvester Guard Co., Milwaukee, Wis.  
 Seidler-Miner Co., lamp guards, spark plugs, etc., Detroit, Mich.  
 Seidmann, Chas., & Co., silk & upholstery fringes, 1801 N. Howard, Philadelphia, Pa.  
 Seiferlein & Malleis, iron railings, signs, Detroit, Mich.  
 Seifert, Frank A., Plastic Relief Co., arch. modelers & sculptors, 2629 Dayton, St. Louis, Mo.  
 Seifert, Karl F. J., architect, 104 W. 42d, New York.  
 Seiffert, H. O., Lumber Co., Davenport, Ia.  
 Seig Brewery Apparatus Co., 1320 N. 5th, Philadelphia, Pa.  
 Seigle, M. C., brick, Osceola, Ia.  
 Seiler, John, Co., meat packers, 2200 Spring Garden av, Pittsburgh, Pa.  
 Seim, Hy., & Co., paint mfrs., Fayette & Howard, Baltimore, Md.  
 Seimer, Henry J., contractor, Green Bay, Wis.  
 Seiner, Chas. F., chimney thimbles, Indianapolis, Ind.  
 Seinsheimer Paper Co., York & McLean, Cincinnati, Ohio.  
 Seiss Mfg. Co., machinists, Toledo, Ohio.  
 Seiter & Son, lumber, Owens, Ohio.  
 Seither & Cherry Co., separators (cream), Keokuk, Ia.  
 Seitter's, F., Sons, brick, Nicetown & G, Philadelphia, Pa.  
 Seitz, Edw. G., carriages, 745 Bowen av, Chicago, Ill.  
 Seitz, F. A., Co., auto. engines, Newark, N. J.  
 Seitz, J. H., & Son, sample cases, trunks, etc., 414 Brown, Philadelphia, Pa.  
 Seitz, L. T., contractor, Youngstown, Ohio.  
 Seitzinger, J. G., sand screens, Wilkes-Barre, Pa.  
 Seiz, E. C., architect, 10½ Auburn av, Atlanta, Ga.  
 Sel, Benj., & Co., tin plate, 59 Orchard, New York.  
 Selah Mfg. Co., pipe fittings, Green & Columbia, Newark, N. J.  
 Selas Co., gas machs., lighting systems, etc., 521 W. 23d, New York.  
 Selbach-Meyer Co., machsts., West New York, N. J.  
 Selby Smelting & Lead Co., San Francisco, Cal.  
 Selbyville Packing Co., canned goods, Selbyville, Del.  
 Selchow & Righter Co., toys, games, etc., 620 B'way, New York.  
 Selden-Breck Constr. Co., Fullerton Bldg., St. Louis, Mo.  
 Selden Cypress Door Co., Palatka, Fla.  
 Selden Motor Vehicle Co., Probert, Rochester, N. Y.  
 Selden Roofing & Manufacturing, 76 Western av, Minneapolis, Minn.  
 Seldner & Enequist, chem., 86 Hausman, Brooklyn, N. Y.  
 Self-Clinching Nail Co., 44 N. 4th, Philadelphia, Pa.  
 Self, H., architect, Grand Opera House, Terre Haute, Ind.  
 Self, James E., architect, Grand Opera House, Terre Haute, Ind.  
 Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.  
 Selfe, James E., architect, Godchaux Bldg., New Orleans, La.  
 Selfridge, O. B., Co., wood handles, Lima, Ohio.  
 Selig Polyscope Co., moving picture machines, 58 E. Wash., Chicago, Ill.  
 Seligman, Arthur, copper refiners, bar tin, bronze powders, aluminum sheets, liquid, etc., 165 B'way, New York.  
 Seligman & Co., wholesale hdwe., Tamaqua, Pa.  
 Seligman Dist. Co., 304 Perry, Cincinnati, Ohio.  
 Selkirk, Alex., architect, 133 N. Pearl, Albany, N. Y.  
 Sell, Geo., contractor, Hazelton, Pa.  
 Selle, H. W., & Co., sea moss, packing pads, 1000 N. Halsted, Chicago, Ill.  
 Seller Bros. & Co., wholesale hdwe., 14 Spear, San Francisco, Cal.  
 Seller Carriage Co., Versailles, Ky.  
 Sellers, Benj., & Sons, memorial windows, 80 Bible House, New York.  
 Sellers, E. A., lumber, Orwell, Ohio.  
 Sellers, Edw., steel tray barrows, Oak Hall Station, Pa.  
 Sellers, Horace W., architect, Stephen Girard Bldg., Philadelphia, Pa.  
 Sellers Mfg. Co., iron rolling mills, 332 S. Michigan av, Chicago, Ill.  
 Sellers, Philip, architect, 207 Orange, New Haven, Conn.  
 Sellers, Wm., & Co., hydraulic accumulators, etc., 1600 Hamilton, Philadelphia, Pa.  
 Sellew, B. A., architect, 756 Main, Hartford, Conn.  
 Sellew Machine Tool Co., grinders & vises, Pawtucket, R. I.  
 Selliger, Max, & Co., gin distillers, Louisville, Ky.  
 Selligman, Mitchell, architect, Pine Bluff, Ark.  
 Sellman, A. B., & Bro., canned goods, Watersville, Md.  
 Sellon, Geo. C., architect, 1005 K, Sacramento, Cal.  
 Sells, Corwin P., contractor, 1901 Talbot av, Indianapolis, Ind.  
 Sells, J. H. & F. A., Co., harness mfrs., Chestnut & Pearl, Columbus, Ohio.  
 Selma Brick & Tile Co., Selma, Ala.  
 Selma Canning Co., Selma, Cal.  
 Selma Hardware Co., Selma, Ala.  
 Selma Oil & Ice Co., fertilizer mfrs., Selma, Ala.  
 Selma Spoke Mfg. Co., Selma, Ala.  
 Selmore, Inc., show cases, 35 E. 12th, New York.  
 Selover Milling Co., flour, Moravia, N. Y.  
 Seltzer-Klahr Hardware Co., 535 Market, Phila., Pa.  
 Seltzer Packing Co., meat packers, Pottsville, Pa.  
 Selway Steel Post Co., 220 S. State, Chicago, Ill.  
 Selzer, J. M., Carriage & Business Wagon Mfg. Co., 1525 N. 14th, St. Louis, Mo.  
 Semco Mfg. Co., vacuum cleaners, Nashville, Tenn.  
 Semet-Solvay Co., chemical mfrs. (Solvay), Syracuse, N. Y.



- Semi-Steel Test Fdry. Co., 4916 Bloomingdale av, Chicago, Ill.  
 Semmes Hardware Co., Savannah, Ga.  
 Semones & Son, machsts. & fndrs., Union City, Tenn.  
 Semper, W. J., contractor, Watertown, N. Y.  
 Sempier, John, contractor, Bloomfield, N. J.  
 Semple, W. & A. C., mill & facty. supplies, 309 W. Main, Louisville, Ky.  
 Semprez, John, machinist, Topeka, Kans.  
 Semrow, Adolph C., architect, Walla Walla, Wash.  
 Semsch, O. F., architect, 109 Broad, New York.  
 Senatobia Cotton Oil Co., Senatobia, Miss.  
 Sendel & Rouse, whol. hdwe., Lehigh, Pa.  
 Seneca Brass & Plating Works, Utica, N. Y.  
 Seneca Camera Mfg. Co., Rochester, N. Y.  
 Seneca Cotton & Warehouse Co., Seneca, S. C.  
 Seneca Engng. Co., steel structural work, Montour Falls, N. Y.  
 Seneca Falls Mfg. Co., lathe mfrs., Seneca Falls, N. Y.  
 Seneca Fertilizer Co., Seneca, S. C., & Tiffin, Ohio.  
 Seneca Glass Co., tumblers, Morgantown, W. Va.  
 Seneca Iron & Steel Co., Buffalo, N. Y.  
 Seneca Kraut & Pickling Canned Co., Geneva, N. Y.  
 Seneca Motor Co., commercial cars, Fostoria, Ohio.  
 Seneca Oil Mills, meal, Seneca, S. C.  
 Seneca Oil Works, petroleum, Warren, Pa.  
 Seneca Wire & Mfg. Co., Fostoria, Ohio.  
*See adv index at end of book.*  
 Senefelder Litho Stone Co., 187 Washington, New York.  
 Sener, G., & Sons, masons' & bldrs.' matls., Lancaster, Pa.  
 Seng Co., hardware mfrs., 1450 Dayton, Chicago, Ill.  
 Seng Mfg. Co., burners—lamp, kerosene oil, Lincoln, Neb.  
 Sengbusch Self-Closing Inkstand Co., inkstands, etc., 401 Stroh Bldg., Milwaukee, Wis.  
 Sengel, Philip, & Son, wooden kegs, Louisville, Ky.  
 Senk, Jno., & W., fndrs., Syracuse, N. Y.  
 Senn Concentrator Co., First Nat. Bk. Bldg., San Francisco, Cal.  
 Senn, Edward R., architect, 126 E. 38th, New York.  
 Senseman, J. M., Lumber Co., Parkersburg, W. Va.  
 Sentenne & Green, glass & metal signs, 150 Nassau, New York.  
 Sentinel Mfg. Co., sad & soldering iron heaters, New Haven, Conn.  
 Sequatchie Handle Works, Sequatchie, Tenn.  
 Serafino, Andrew, contractor, Youngstown, O.  
 Serena, John, Co., masons' & bldrs.' matls., McKeesport, Pa.  
 Seretto, Michael, contractor, 3 Tremont, Boston, Mass.  
 Sergeant, A. W., masons' & bldrs.' matls., Albion, Pa.  
 Sergeant, E. M., Co., sulphite pulp, 95 Madison av, New York.  
 Sergeant Glass Co., Williamsport, Pa.  
 Sergeant Mfg. Co., engines, Greensboro, N. C.  
 Sergeant, Wm. H., contractor, Mount Vernon, N. Y.  
 Sergeson, R. A., Co., shuttles, Palmer & Tulip, Phila., Pa.  
 Serracino, Nicholas, architect, 1170 Broadway, New York.  
 Serratelli's, P., Sons, scrap iron, 156 Malvern, Newark, N. J.  
 Serrell & Schenck, hgt. & ventg. engrs., 71 Murray, New York.  
 Serson Hardware Co., hgt. contrs., 109 31st, Chicago, Ill.  
 Serven, W. A., masons' & bldrs.' matls., Pearl River, N. Y.  
 Service Electric Co., elec. bells, 122 S. Michigan av, Chicago, Ill.  
 Service Glove Co., 8 Oliver, Newark, N. J.  
 Service Motor Truck Co., machsts., Wabash, Ind.  
 Service Recorder Co., 2344 E. 105th, Cleveland, Ohio.  
 Serviss, Jean R., architect, 497 Blair rd, N. W., Washington, D. C.  
 Servoss, Chas. J., masons' & bldrs.' matls., Macedon, N. Y.  
 Servoss Furnace Co., 303 N. Michigan av, Chicago, Ill.  
 Servotte, Ernest W., contractor, Green Bay, Wis.  
 Servus Rescue Equipment Co., 10 Johnson, Newark, N. J.  
 Sessions Clock Co., Forestville, Conn.  
 Sessions, F. E., Co., coffins, caskets, etc., Worcester, Mass.  
 Sessions, G. M., & Son, contractors, Council Bluffs, Ia.  
 Sessions, H. M., Fertilizer Works, Enterprise, Ala.  
 Sester Mfg. Co., seeders, Peoria, Ill.  
 Seton, Frank J., cornices, 78 Washington av, Brooklyn, N. Y.  
 Seton Leather Co., patent & enameled leather, 62 Verona av, Newark, N. J.  
 Setter Bros. Co., wood skewers, Cattaraugus, N. Y.  
 Settle, J. C., & Co., contractors, 810 Olive, St. Louis, Mo.  
 Settle, T. F., blankets—woolen, Scottsville, Ky.  
 Settle, W. A., brick, common, Clarksville, Tenn.  
 S. E. T. Valve & Hydrant Co., 52 Church, New York.  
 Seufert Bros. Co., canned goods, The Dalles, Ore.  
 Seus, Rudolf, stone, 406 E. 109th, New York.  
 Seutter, Carl von, architect, Moore Bldg., San Antonio, Tex.  
 Severance Gas Machine Co., Freeport, Ill.  
 Severance, H. Craig, & Van Alen, Wm., architects, 4 W. 37th, New York.  
 Severance, S., Mfg. Co., bolt, nut & rivet, 3d, Pittsburgh, Pa.  
 Severance Tank & Silo Co., Lansing, Mich.  
 Severet, J. A., & Co., meat packers, 32 E. Front, Cincinnati, O.  
 Severin, N. P., contractor, 82 W. Washington, Chicago, Ill.  
 Severns, J. T., & Sons Co., sashes, doors & blinds, Burlington, N. J.  
 Sevier, J. D., Son, mach. & fndr., Milan, Mo.  
 Sevison Electric Co., igniters, Elkhart, Ind.  
 Sewall, Arthur, & Co., ship builders, Bath, Md.  
 Sewall Paint & Glass Co., 1009 W. 8th, Kansas City, Mo.  
 Seward & Co., machsts. & fndrs., Bloomington, Ind.  
 Seward, M., & Son Co., hdwe. mfrs., New Haven, Conn.  
 Seward Trunk & Bag Co., suit cases, Petersburg, Va.  
 Sewell-Clapp Envelopes Co., 23 N. Desplaines, Chicago, Ill.  
 Sewell Cushion Wheel Co., truck wheels, 1296 Gratiot, Detroit, Mich.  
 Sewell, R. P., & Sons, 540 Hudson av, Albany, N. Y.  
 Sewell, W. F., flour mills, Bethlehem, Ky.  
 Sewing Machine Cabinet Co., tel. cabinet works, Bridgeport, Conn.  
 Sewing Machine Supplies, 121 Beach, Boston, Mass.  
 Sewing Mach. Times, trade publication, 239 4th av, New York.  
 Sewing Thread Co., Pawtucket, R. I.  
 Sexauer, Chas., Roofing Co., cornices, 148 Sherman, Detroit, Mich.  
 Sexauer & Lemke, arch'l iron, Vernon av, Long Island City, N. Y.  
 Sexton Can Co., 228 Franklin, Boston, Mass.  
 Sexton, J. F., & Co., sash, door & blind mfrs.—lbr., Spokane, Wash.  
 Sexton, Jno. M. L., brick, 1459 Mich. av, Chicago, Ill.  
 Sexton Machine Co., machsts. & fndrs., Sisterville, W. Va.  
 Sexton, Norman H., Co., architects, Chronicle Bldg., San Francisco, Cal.  
 Sexton, S. B., Stone & Mfg. Co., stone mfrs., 789 S. Gay, Baltimore, Md.  
 Sexton, Wm. A., & Co., ice cream freezers, Grand Central Terminal, New York.  
 Seybold Foundry Co., Louie, Dayton, Ohio.  
 Seybold Machine Co., book binders' machinery, Dayton, Ohio.  
 Seybold Piano & Organ Co., Elgin, Ill.  
 Seyfang, Frank G., airships, balloons & aeronautical equipment, 1465 Broadway, New York.  
 Seyfarth, Robert E., architect, 134 S. La Salle, Chicago, Ill.  
 Seyfert, Simon (Est. of), rolling mills, Reading, Pa.  
 Seyfert's, L. F., Sons, machy. dtrs., 437 N. 3d, Phila., Pa.  
 Seyler Hardware Co., Marietta, Ohio.  
 Seymour, Charles F., architect, 258 E. 138th, New York.  
 Seymour Cotton Oil Co., meal, Seymour, Tex.  
 Seymour, Ernest, watch crystals, 60 Nassau, New York.  
 Seymour Iron Foundry, Seymour, Conn.  
 Seymour, J. M., Jr., water motor fans, etc., 51 Lawrence, Newark, N. J.  
 Seymour Lumber & Hardware Co., Seymour, Conn.  
 Seymour Mfg. Co., grain cradles, pruning shears, scythe snaths, etc., Seymour, Ind.  
 Seymour Mfg. Co., machsts. & fndrs., Seymour, Conn.  
 Seymour Metal Goods Co., Seymour, Conn.  
 Seymour Mill, Elevator & Light Co., flour, Seymour, Tex.  
 Seymour Planing Mill Co., sash, door & blind, Seymour, Ind.  
 Seymour & Schonewald, architects, Grand Central Terminal, New York.  
 Seymour Woolen Mills, Seymour, Ind.  
 S. F. K. Steel Barrel Co., 7930 Jones rd, Cleveland, Ohio.  
 Shabeck, John C. L., silver nov., 245 W. Exch., Providence, R. I.  
 Shaber, W. F., Co., cornices, 730 S. 12th, Louisville, Ky.  
 Shackelford Brick Co., Des Moines, Ia.  
 Shackelford Edgar, machsts., Cambridge, Md.  
 Shackelford, H. H., & Sons, carriages, Sassafras, Va.  
 Shackley, W. T., & Son Co., mill & facty. supplies, 49 High, Boston, Mass.  
 Shadbolt & Boyd Iron Co., 131 W. Water, Milwaukee, Wis.  
 Shadbolt Mfg. Co., wagons, 68 Flushing av, Brooklyn, N. Y.  
 Shadburn Bros., harness, Buffalo, Ga.  
 Shade, Grant, architect, Renova, Pa.  
 Shade, John W., contractor, Palmyra, N. J.  
 Shadegg, J. C., Engine Co., 315 S. 3d, Minneapolis, Minn.  
 Shafer, O. J., patterns, etc., 207 E. 6th, Cincinnati, Ohio.  
 Shafer, Perry C., Co., fertilizer mfrs., Brockport, N. Y.  
 Shafer, W. B., Co., steel work, 303 5th av, New York.  
 Shaffer, C. F., Lumber Co., Laurel, Md.  
 Shaffer, Edwin M., architect, Kokomo, Ind.  
 Shaffer, Matthew T., architect, Citizens' Bldg., Cleveland, Ohio.  
 Shahan, Patrick, & Son, contractors, Lebanon, Ind.  
 Shakespeare Co., carbureters & fishing tackle mfrs., Kalamazoo, Mich.  
 Shakespeare Iron Works, 913 Girod, New Orleans, La.  
 Shakopee Cement Lime Mfg. Co., 220 Chestnut, St. Paul, Minn.  
 Shale Brick & Tile Co., Chillicothe, Mo.  
 Shalen, Jos. (Est. of), meat packers, 310 Howard, Buffalo, N. Y.  
 Shaler, C. A., Co., elec. heating pads, stoves & vulcanizers, Waupun, Wis.  
 Shaler Umbrella Co., Waupun, Wis.  
 Shalita Bros., tin cans, 268 South, New York.  
 Shallcross, J., & Son, meat packers, Coatesville, Pa.  
 Shambaugh & Son, flour mills, Clarinda, Ia.  
 Shambow Shuttle Co., Woonsocket, R. I.  
 Shamburg & Allen Machine Co., machsts. & fndrs., Coraopolis, Pa.  
 Shamokin Lumber & Mfg. Co., Shamokin, Pa.  
 Shamokin Powder Co., Shamokin, Pa.  
 Shampan & Shampan, architects, 772 Broadway, Brooklyn, N. Y.  
 Shanafelt Mfg. Co., pattern makers' outfits, Canton, Ohio.  
 Shanaman Bros., brooms (corn), Reading, Pa.  
 Shanaman, W. B., corn—brooms, Reading, Pa.  
 Shand Builders' Supply Co., Columbia, S. C.  
 Shand, Charles K., architect, Columbia, Wash., & Virginia, Minn.  
 Shands, T. W., & Co., turpentine, Green Cove Springs, Fla.  
 Shaner, Geo. W., & Son, contractors, Palmyra, N. J.  
 Shank, D. C., & Co., sashes, doors & blinds, Pandora, Ohio.  
 Shank, Daniel, Lumber Co., Angola, Ind.



- Shank, I. L., masons' & bldrs.' matls., Titusville, Pa.  
 Shank Milling Co., flour, Salem, Va.  
 Shankel, Emanuel K., brick, Pennsburg, Pa.  
 Shankey, Thos., & Son, brick, Haverstraw, N. Y.  
 Shankland, E. C. & R. M., arch'l engrs., 209 S. La Salle, Chicago, Ill.  
 Shanley, G. H., architect, Great Falls, Mont.  
 Shanley, J. F., Co., contractors, 26 Exchange pl, Jersey City, N. J., & Commercial Trust Bldg., Philadelphia, Pa.  
 Shann Mfg. Co., mouse traps, card & label holders, Middletown, N. Y.  
 Shannahan & Wrightson Hardware Co., cornices, Easton, Md.  
 Shannon Bed Spring Co., Louisville, Ky.  
 Shannon, E. F., contractor, Haverhill, Mass.  
 Shannon, Grant S., cornices & skylights, Houston, Tex.  
 Shannon, J. A., architect, Devils Lake, N. D.  
 Shannon, J. B., Hardware Co., 816 Chestnut, Philadelphia, Pa.  
 Shannon, J. H. & R., contractors, 538 Bergen av, Jersey City, N. J.  
 Shannon, J. Jacob, & Co., whol. hdwe., mill & fndry. supplies, crane & derrick bldrs., etc., 1744 Market, Philadelphia, Pa.  
 Shannon Lave Co., vacuum cleaners, Waterloo, Ia.  
 Shannon & Mott Co., rye, wheat flour, Des Moines, Iowa.  
 Shannon, T. B., mill & facty. supplies, Lola, Kans.  
 Shannon, Wm., file mfrs., Middletown, N. Y.  
 Shannonhouse, H. T., fertilizer mfrs., Hertford, N. C.  
 Shantz, M. B., button mfrs., 237 S. 5th av, Chicago, Ill., & Rochester, N. Y.  
 Shape & Brady, architects, 220 W. 42d, New York.  
 Shaper, F. D., Elev. Co., 153 Franklin, New York.  
 Shapiro, Archibald J., architect, 1 Madison av, New York.  
 Shapiro & Aronson, elec. & gas light fixtures, 20 Warren, New York.  
 Shapiro, David, cornices, 3474 3d av, New York.  
 Shapiro, Hy., scrap brass, iron & steel, Wilkes-Barre, Pa.  
 Shapiro, M., & Son, contractors, 299 B'way, New York.  
 Shapleigh, Bertram, architect, 4 E. 44th, New York.  
 Shapleigh Hardware Co., 4th & Washington av, St. Louis, Mo.  
 Shapter, Rich. S., architect, Summit, N. J.  
 Sharber & White Hardware Co., Elizabeth City, N. C.  
 Shares, F. L., common brick, Hamden, Conn.  
 Sharink Elec. Mfg. Corp., wire connectors, 84 Walker, New York.  
 Sharkey, P., & Son, horse collars, 53 Union, Portland, Ore.  
 Sharkey & Peck, boiler cleaners, heaters, tanks, etc., 2433 W. 18th, Chicago, Ill.  
 Sharman Bros., machsts., 256 Pearl, New York.  
 Sharon Bldg. Co., Sharon, Pa.  
 Sharon Center Canning Co., Sharon Center, Ohio.  
 Sharon Clay Products Co., Sharon, Pa.  
 Sharon Fire Brick Co., Sharon, Pa.  
 Sharon Fndry. Co., Sharon, Pa.  
 Sharon Hdwe. Mfg. Co., shelf brackets, Sharon, Pa.  
 Sharon Iron & Steel Co., Sharon, Pa.  
 Sharon Mach. Co., Sharon, Pa.  
 Sharon, Sam'l A., ties, poles, Newport, Pa.  
 Sharon Steel Hoop Co., hoops & bands, Sharon, Pa.  
 Sharon Trunk Co., 1625 5th av, Pittsburgh, Pa.  
 Sharon, W. J., machinist, Wichita, Kans.  
 Sharp, A. J., & Co., machsts. & fndrs., Harrisonville, Mo.  
 Sharp Bros., wall plaster mfrs., Youngstown, Ohio.  
 Sharp, C. H., Const. Co., contrs., Sharp Bldg., Kansas City, Mo.  
 Sharp, F. K., architect, Selling Bldg., Portland, Ore.  
 Sharp & Fellows Contracting Co., Vernon, Los Angeles, Cal.  
 Sharp Fdry. & Supply Co., New Philadelphia, Ohio.  
 Sharp, I. A., cornices & skylights, Montezuma, Ind.  
 Sharp, J. C., Brass Works, machsts. & fndrs., Chattanooga, Tenn.  
 Sharp, J. V., Canning Co., Williamstown, N. J.  
 Sharp, Leander, contractor, Bridgeton, N. J.  
 Sharp Linen Mills, cotton & linen towels, Binghamton, N. Y.  
 Sharp Mfg. & Supply Co., stove mfrs., mill & facty. supplies, New Philadelphia, Ohio.  
 Sharp, Robert, architect, Cole Bldg., Nashville, Tenn.  
 Sharp Rotary Ash Receiver Co., ash cans & hoists, coal conveyors & rotary receivers, Binghamton, N. Y.  
 Sharp & Smith, surgical instruments, 155 N. Michigan av, Chicago, Ill.  
 Sharp Spark Plug Co., 3343 Broadview rd, Cleveland, Ohio.  
 Sharp, T. M., sashes, doors & blinds, Aberdeen, N. C.  
 Sharp, W. M., Co., machsts., Binghamton, N. Y.  
 Sharp, Wm. A., contractor, Reading, Pa.  
 Sharpe, A. R., architect, Willimantic, Conn.  
 Sharpe Bros., glass stainers, 951 Broad, Newark, N. J.  
 Sharpe & Co., lubrg. oils & greases, 97 Water, New York.  
 Sharpe, Jos., Construction Co., masons' & bldrs.' matls., Paterson, N. J.  
 Sharpe, W. H., turpentine, Halcyon Dale, Ga.  
 Sharples Separator Co., cream separator mfrs., West Chester, Pa.  
 Sharples Specialty Co., clarifiers & separators, West Chester, Pa.  
 Sharples, Stephen P., chemists, 26 Broad, Boston, Mass.  
 Sharpless & Watts Co., fire place furnishings, 1520 Sansom, Philadelphia, Pa.  
 Sharples, W. W., architect, Brown Bros. Bldg., Phila., Pa.  
 Sharps Brass Fdry., Seattle, Wash.  
 Sharpsburg Fndry. Co., Sharpsburg, Pa.  
 Sharpstown Marine Ry. Co., Sharpstown, Md.  
 Sharpsville Boiler Wks., Sharpsville, Pa.  
 Sharpsville Canning Co., Sharpsville, Ind.  
 Sharpsville Furnace Co., Sharpsville, Pa.  
 Shartle Bros. Mach. Co., Middletown, Ohio.  
 Shattuck, Austin M., contractor, Brazil, Ind.  
 Shattuck, C. E., architect, Mason Bldg., Los Angeles, Cal.  
 Shattuck, E. J., Co., inks, 130 Fremont, San Francisco, Cal.  
 Shattuck-George Iron Co., Wichita, Kans.  
 Shattuck & Hussey, architects, 19 S. La Salle, Chicago, Ill.  
 Shattuck, Jas. S., architect, 82 N. Pearl, Albany, N. Y.  
 Shattuck, R. P., machst. & fndr., Clinton, Ind.  
 Shattuck, T. N., lumber mfrs., Piffard, N. Y.  
 Shaub, Henry Y., architect, N. Queens & Chestnut, Lancaster, Pa.  
 Shaughnessy Constr. Co., 372 B'way, Albany, N. Y.  
 Shaver, B. F., canned goods, Troutville, Va.  
 Shaver, J. A., flour mills, Greenville, Ky.  
 Shaver & Moomaw, canned goods, Troutville, Va.  
 Shaver, S. S., flour mills, Lacey Springs, Va.  
 Shaver, W. B., contractor, Virginia, Minn.  
 Shaw, A., scrap iron & steel, 2687 E. 40th, Cleveland, Ohio.  
 Shaw, A. B., Estate, flour, Shawville, Pa.  
 Shaw, A. L., architect, Tampa, Fla.  
 Shaw Advtg. Co., Produce Exch. Bldg., Kansas City, Mo.  
 Shaw, Alex. L., contractor, Warren, Pa.  
 Shaw-Batcher Co., tin plate, Sacramento, Cal.  
 Shaw, Benj. F., Co., steamfitters' supplies, Wilmington, Del.  
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 Shaw Blue Print Mach. Co., 11 Campbell, Newark, N. J.  
 Shaw Bros., brass fndrs., 43 Hermon, Newark, N. J.  
 Shaw, C. K., Pneumatic Tool Co., Denver, Colo.  
 Shaw, C. P., & Co., machsts. & fndrs., Natchez, Miss.  
 Shaw Co., carriage hubs, Crandon, Wis.  
 Shaw & Co., modelers & sculptors, 2020 N. 10th, Phila., Pa.  
 Shaw Cotton Oil Co., cottonseed meal, Shaw, Miss.  
 Shaw Coupling Co., Syracuse, N. Y.  
 Shaw, E., brick, Joliet, Ill.  
 Shaw Elec. Crane Co., machsts., 119 W. 40th, New York.  
 Shaw, Fred'k E., contractor, 126 Melrose, Providence, R. I.  
 Shaw, Frederick J., architect, Tacoma Bldg., Tacoma, Wash.  
 Shaw Furniture Co., Cambridge, Mass.  
 Shaw, G., machsts., Ithaca, N. Y.  
 Shaw, G. M., & Co., architects, Tenn. Trust Bldg., Memphis, Tenn.  
 Shaw, Geo. H., Co., varnish, Middleboro, Mass.  
 Shaw, H. A., Metal Spinning Co., cornices & skylights, Seattle, Wash.  
 Shaw, H. C., Co., agricultural implements, Stockton, Cal.  
 Shaw, Hamlin J., machst., Cambridge, Mass.  
 Shaw, Harry W., masons' & bldrs.' matls., Everett, Wash.  
 Shaw, Herbert, stone producers, Walton, N. Y.  
 Shaw, Howard, architect, 39 S. State, Chicago, Ill.  
 Shaw Insulator Co., lightning arresters, 5 Kirk pl, Newark, N. J.  
 Shaw, J. D., architect, 510 S. Spring, Los Angeles, Cal.  
 Shaw, J. G., Blank Book Co., 72 Walker, New York.  
 Shaw, J. William, architect, Wayne, Pa.  
 Shaw, John, & Co., arsenate of soda & soluble oil, 15 Elkins, So. Boston, Mass.  
 Shaw, John L., contractor, Coshocton, Ohio.  
 Shaw, John P., & Co., paint mfrs., Bridgeton, N. J.  
 Shaw, Jno. W., & Son Co., contractors, 351 S. 9th, Newark, N. J.  
 Shaw-Kendall Engineering Co., Superior & Swan Creek, Toledo, Ohio.  
 Shaw, L. F., & Sons Co., sashes, doors & blinds, Cartersville, Ga.  
 Shaw, M. G., Lbr. Co., Bath, Me.  
 Shaw Mfg. Co., machsts., Galesburg, Kans.  
 Shaw, P. M., Jr., & Co., lbr., Duluth, Minn.  
 Shaw Piano Co., 9 N. Liberty, Baltimore, Md.  
 Shaw Propeller Co., propeller wheels & wrench mfrs., 15 Elkins, Boston, Mass.  
 Shaw, R. W., architect, Enid, Okla.  
 Shaw, Russell H., architect, 10 Weybosset, Providence, R. I.  
 Shaw Show Case Co., Seattle, Wash.  
 Shaw Silas Brick Co., Joliet, Ill.  
 Shaw & Tenney, dowels, Orono, Me.  
 Shaw, Thos. M., architect, 15 Beacon, Boston, Mass.  
 Shaw & Truloye, turpentine, Valdosta, Ga.  
 Shaw-Walker Co., filing devices, 1210-22 Western av, Muskegon, Mich.  
 Shaw, Wm. J., architect, Fulton Bldg., Pittsburgh, Pa.  
 Shaw, Wm. M., Co., machsts. & fndrs., Brazil, Ind.  
 Shaw, Wm. R., stone, Bridgeton, N. J.  
 Shaw, Willis, contrs. supplies, 80 E. Jackson blvd, Chicago, Ill.  
 Shaw Wire Fence Co., Warsaw, Ohio.  
 Shawsalter, S. C., & Son, canned goods, Troutville, Va.  
 Shawano Canning Co., Shawano, Wis.  
 Shawder, W. B., fndr., Richfield, Pa.  
 Shawhan Dist. Co., Kansas City, Mo.  
 Shawhan, Romer, architect, 50 E. 42d, New York.  
 Shawinigan Electro Products Co., ferro manganese, Lexington Street Bldg., Baltimore, Md.  
 Shawmut Clay Mfg. Co., flue linings & underground conduits, Drummond & Shawmut, Pa.  
 Shawmut Iron & Wire Wks., steel fcty. bins, Everett, Mass.  
 Shawmut Machy. Co., 82 Lincoln, Boston, Mass.  
 Shawmut Mfg. Co., paper & pulp mill, Shawmut, Me.  
 Shawnee Construction Co., Gumbel Bldg., Kansas City, Mo.



- Shawnee Flash Brick Co., Columbus, Ohio.  
 Shawnee Lbr. Co., 1775 Weber, Cumminsville, Cincinnati, O.  
 Shawnee Milling Co., flour, Shawnee, Okla., & Topeka, Kans.  
 Shawnee Supply Co., whol. hdwe., Plymouth, Pa.  
 Shawver Co., auto. jacks, tools, etc., Springfield, Ohio.  
 Shawver, John L., contractor, Bellefontaine, Ohio.  
 Shawver, W. F., Co., cornices & skylights, Charleston, W. Va.  
 Shay, C. M., Fertilizer Co., Groton, Conn.  
 Shay, E., & Son, machsts. & fndrs., Harbor Springs, Mich.  
 Shayne, C. C., & Co., carriage robes, 126 W. 42d, New York.  
 Shays, J. R., Jr., flexible couplings, 30 Church, New York.  
 Shea Bros. machsts. & fndrs., Fall River, Mass.  
 Shea & Co., cornices, Holyoke, Mass.  
 Shea, Daniel, Boiler Wks., Memphis, Tenn.  
 Shea & Donnelly Giberson Co., stone prod., Lynn, Mass.  
 Shea, J. L., contractor, Springfield, Mass.  
 Shea, John J., & Son, cut glassware, Cambridge, Mass.  
 Shea & Lofquist, architects, 742 Market, San Francisco, Cal.  
 Shea-Sullivan Co., contractors, Main, Stamford, Conn.  
 Shea, T., masons' & bldrs.' matls., Springfield, Mass.  
 Shea, Thos. J., Co., contractors, Jamaica, Boston, Mass.  
 Shea, Wm. D., architect, 244 Kearny, San Francisco, Cal.  
 Shea, Wm., & Son, contractors, Quincy, Mass.  
 Sheaff, A. P., contractor, Chester, Pa.  
 Sheaffer Pen Co., Ft. Madison, Ia.  
 Sheahan, A. J., Granite Co., Graniteville, Mo.  
 Sheahan & Groark, cornices, 285 State, New Haven, Conn.  
 Shean, Paul, Co., mill & facty. supplies, Galveston, Tex.  
 Shear, B. H., brick, West Point, Iowa.  
 Shearer, Kagey & Co., lumber mfg., Ashland, Ohio.  
 Shearer & Ronan, architects, 198 S. Main, Memphis, Tenn.  
 Shearer, Sam'l H., & Son, lbr., 1420 Chestnut, Philadelphia, Pa.  
 Shearman Heating Co., 18 Union, Boston, Mass.  
 Shearston-Lowell Mfg. Co., canvas gloves, Lockport, N. Y.  
 Sheblessy, J. F., architect, Blymer Bldg., Cincinnati, Ohio.  
 Sheboygan Chair Co., lawn settees, Sheboygan, Wis.  
 Sheboygan Coaster & Wagon Wks., Sheboygan, Wis.  
 Sheboygan Lime Wks., Sheboygan, Wis.  
 Sheboygan Mattress Co., Sheboygan, Wis.  
 Sheboygan Novelty Co., music cabinets, Sheboygan, Wis.  
 Sheboygan Pad Co., Sheboygan, Wis.  
 Shedd-Brown Mfg. Co., advertising novelties & specialties, 317½ 5th av, S., Minneapolis, Minn.  
 Shedd Elec. Co., dynamo mfrs., Roselle Park, N. J.  
 Shedd, L. F., masons' & bldrs.' matls., Jamestown, N. Y.  
 Shedd, W. A., & Co., masons' & bldrs.' matls., Nashua, N. H.  
 Shedden, Jas., & Co., contractors, 106 N. La Salle, Chicago, Ill.  
 Sheedy, Thos. W., lime mfrs., Fayetteville, N. Y.  
 Sheehan Construction Co., 309 Holiday, Indianapolis, Ind.  
 Sheehan, D. H., press cloths, Westford, Mass.  
 Sheehan, David J., Co., contractors, 424 B'way, Lynn, Mass.  
 Sheehan, Henry, & Son, contractors, 1208 Collingswood, Toledo, Ohio.  
 Sheehan, John R., contractor, Court Ex. Bldg., Bridgeport, Conn.  
 Sheehan, John W., contractor, 585 Western av. Lynn, Mass.  
 Sheehan, T. Edw., architect, Tremont Bldg., Boston, Mass.  
 Sheehan, Wm. G., Constr. Co., 28 De Witt, Albany, N. Y.  
 Sheeler-Hemsher Co., fndrs., 811 Fairmont av. Philadelphia, Pa.  
 Sheen, M. Roy, contractor, 450 W. Wilton, Philadelphia, Pa.  
 Sheenan, David J., Co., bldg. contrs., 424 B'way, Lynn, Mass.  
 Sheer Bros. Fence & Iron Co., bank & office railings, 715 E. 103d, Cleveland, Ohio.  
 Sheer, E., agricultural implements, Lincoln, Ill.  
 Sheer, H. M., Co., incubators & brooders, Quincy, Ill.  
 Sheermesser, H. S., machst. & fndr., McKeesport, Pa.  
 Sheet Metal, trade publication, 154 Nassau, New York.  
 Sheet Metal Mfg. Co., stove pipe mfrs., Niles, Ohio.  
 Sheet Metal Specialty Co., stove pipe, Follansbee, W. Va.  
 Sheet Metal & Supply Co., plumbers', steam fitters' & tinnerns' supplies, Lancaster, Pa.  
 Sheets Bros. Elevator Co., Cleveland, Ohio.  
 Sheets-Ingersoll Co., contrs., Danville, Ill.  
 Sheets, J. B., Co., contractors, Kelly & Murtland, Pittsburgh, Pa.  
 Sheets, Wm. H., Jr., Co., paint brushes, 121 S. Charles, Baltimore, Md.  
 Sheffer, Frank, machinist, St. Paul, Kans.  
 Sheffield Brick & Tile Co., Sheffield, Ia.  
 Sheffield Car Co., car wheels, Three Rivers, Mich.  
 Sheffield Car & Equipment Co., Sheffield, Mo.  
 Sheffield Cast Iron Pipe & Fdry. Co., Sheffield, Ala.  
 Sheffield Coal & Iron Co., blast furnaces, Sheffield, Ala.  
 Sheffield Co., wholesale hardware, Americus, Ga.  
 Sheffield F. E., excelsior mfs., Mooers, N. Y.  
 Sheffield Fdry. Co., Clybourn av. & Herndon, Chicago, Ill.  
 Sheffield Glass Bottle Co., Sheffield, Pa.  
 Sheffield King Milling Co., feed, 3rd Fl. Cham. Com., Minneapolis, Minn.  
 Sheffield Machine & Foundry Co., Sheffield, Ala.  
 Sheffield, (The) Machine & Tool Co., Dayton, Ohio.  
 Sheffield Mfg. Co., agricultural implements, Bull Oak, Mich.  
 Sheffield, R. H., turpentine, Blakely, Ga.  
 Shehan, Geo. C., brick, Asheville, N. C.  
 Sheinart, Louis A., architect, 194 Bowery, New York  
 Sheip, Henry H., Mfg. Co., box mfrs., Randolph & Columbia av, Philadelphia, Pa.  
 Sheip & Vandegrift, phono. horns, 814 W. Lawrence, Phila, Pa.  
 Shuster, F. B., Co., wire straightening & cutting machines & riveting machines mfrs., New Haven, Conn.  
*See adv index at end of book.*  
 Shelburne Mfg. Co., bobbins, Shelbourne, N. H.  
 Shelby & Bateman, contractors, Little Rock, Ark.  
 Shelby Cotton Mills, Shelby, N. C.  
 Shelby-Downard Asphalt Co., Ardmore, Okla.  
 Shelby Fdry. & Mach. Shop, Shelby, N. C.  
 Shelby Gas Engine Co., mchsts. & fndrs., Shelbyville, Ind.  
 Shelby Iron Co., Shelby, Ala.  
 Shelby Lamp Division of G. E. Co., Shelby, Ohio.  
 Shelby Oil Co., Shelby, Miss.  
 Shelby Spring Hinge Co., 20 E. Smiley av, Shelby, Ohio.  
 Shelby Wire Co., Shelby, Ohio.  
 Shelbyville Desk Co., Shelbyville, Ind.  
 Sheldon Axle & Spring Co., Wilkes Barre, Pa.  
 Sheldon Brick & Bldg. Supply Co., Champaign, Ill.  
 Sheldon Frank P. & Sons, mill engineers, 49 Westminster, Providence, R. I.  
 Sheldon Handle Co., Kinzua, Pa.  
 Sheldon, F. C., Slate Co., roofing slate mfrs., Granville, N. Y.  
 Sheldon, E. S., cornices & skylights, Janesville, Wis.  
 Sheldon, G. W. & Co., Rapeseed oils, 8 Bridge, New York  
 Sheldon, H. Mfg. Co., Dowels, Elkland, Pa.  
 Sheldon, J. A., contractor, Olean, N. Y.  
 Sheldon, J. J., architect, W. S. Concord, St. Paul, Minn.  
 Sheldon Mfg. Co., concrete mixers, Mehawka, Neb.  
 Sheldrake, J. W., canned goods, Harrington, Del.  
 Sheline, E. R., & Son, wood handles, Edon, Ohio.  
 Shellberg & Lawson, contractors, Jamestown, N. Y.  
 Shellbine Turpentine Co., Fernandina, Fla.  
 Shellman Home Mixture Guano Co., Shellman, Ga.  
 Shelton Bros., machs. & fndrs., Paducah, Ky.  
 Shelton Co., bolts, nails, screws, &c., Shelton, Conn.  
 Shelton Elec. Co., dental engines, drink mixers, etc., 30 E 42d, New York  
 Shelton, H. D., flour mills, Henry, Va.  
 Shelton Mills, flour, Chattanooga, Tenn.  
 Shelton, W. H. & Son, machs. fndrs., Hot Springs, Ark.  
 Shelton Water Co., boat cleats, Derby, Conn.  
 Shelverton, C., contractor, Atlanta, Ga.  
 Shenandoah Iron & Coal Co., blast fur's, Liberty Furnace, Va.  
 Shenandoah Lime Co., Strassburg, Va.  
 Shenandoah Packing Co., canned goods, Starkey, Va.  
 Shenandoah Pulp Co., Harper's Ferry, W. Va.  
 Shenango Furnace Co., blast, Oliver Bldg., Pittsburgh, Pa.  
 Shenango Limestone Co., Leetonia, O. & New Castle, Pa.  
 Shenango Mach. Co., Sharon, Pa.  
 Shenango Pottery Co., New Castle, Pa.  
 Shenk Henry Co., contractors, Erie, Pa.  
 Shenton Thos. H., slates, Slatedale, Pa.  
 Shepard Amos L., patterns & models, Plantsville, Conn.  
 Shepard-Belcher Designing & Const. Co., Kansas City, Mo.  
 Shepard Benj. H., architect, 564 Main, East Orange, N. J.  
 Shepard Daniel L., contractor, 46 Cornhill, Boston, Mass.  
 Shepard Edw. G., wholesale hardware, 102 Chambers, New York  
 Shepard Elec. Crane & Hoist Co., Montour Falls, N. Y.  
*See adv index at end of book.*  
 Shepard, Farrar & Wiser, architects, R. A. Long Bldg., Kansas City, Mo.  
 Shepard, Geo. C., architect—naval, Munsey Bldg., Baltimore, Md.  
 Shepard, Geo. F., architect, 14 Kilby, Boston, Mass.  
 Shepard, H. G., & Sons, auto. bodies, bows, &c., New Haven, Conn.  
 Shepard, J. J., masons' & bldrs.' matls.—firebrick, 1078 River av, N. W., Cleveland, O.  
 Shepard Lathe Co., machsts., 207 E. 6th, Cincinnati, Ohio.  
 Shepard Mfg. Co., dry plates, Worcester, Mass.  
 Shepard, Martin, architect, Perrin Bldg., New Orleans, La.  
 Shepard & Morse Lumber Co., 201 Devonshire, Boston, Mass.  
 Shepard Paint Co., 19 E. Long, Columbus, Ohio.  
 Shepard-Trail Co., lumber mfrs., Seattle, Wash.  
 Shepher Moomaw Bros., brick, Sugar Creek, O.  
 Shepherd Bros., brick, Columbus, Ga.  
 Shepherd Constr. Co., Wilkes-Barre, Pa.  
 Shepherd Engng. Co., mchsts. & fndrs., Williamsport, Pa.  
 Shepherd, Frank H., architect, Framingham, Mass.  
 Shepherd Lumber Co., Waterloo, Ia.  
 Shepherd, M. L., machinist, Newark, O.  
 Shepherd & Rust, elec. light fix. mfrs., Wilkes-Barre, Pa.  
 Shepherd & Son, architect, Wilmington, O.  
 Shepherd Supply Co., cor. & skylights, tin plate, Charleston, S. C.  
 Shepley & Wells, machts., 118 Washington, Binghamton, N. Y.  
 Sheppard, C. E., Co., loose leaf devices, Spring & Hudson, New York  
 Sheppard, E. A., stone producers, Pine Bluff, Ark.  
 Sheppard, Isaac A., & Co., mchsts. & fndrs., Erie & Sepviva, Philadelphia, Pa.  
 Sheppard, J. E., Co., counting machines, Worcester, Mass.  
 Sheppard Mfg. Co., machsts., Louisville, Ky.  
 Sheppard, W. S., lub. oils & greases, 21 Lawrence, Newark, N. J.  
 Sher. Louis, ivory buttons, 229 W. 28th, New York  
 Sherardizing Co., 318 S. Canal, Chicago, Ill.  
 Sherbahn, J., brick, Wayne, Neb.  
 Sherbrook Dist. Co., 1020 Sycamore, Cincinnati, Ohio.  
 Sherburne & Co., mill & facty. supplies, 53 Oliver, Boston, Mass.  
 Sherburne, W. A., lumber, Tyngsboro, Mass.



- Sherer, E., lumber, Mapleton, O.  
 Sherer Robert, & Co., contrs., Pacific Electric Bldg., Los Angeles, Cal.  
 Sherick, Harry C., loose leaf devices, 321 Walnut, Cincinnati, O.  
 Sheridan Commercial Car Co., Harvey, Ill.  
 Sheridan Green & Co., htg. contrs., Goshen, Ind.  
 Sheridan Iron Wks., mchsts. & fndrs., Champlain, N. Y.  
 Sheridan, Jas. & Sons, machsts., Franklin, Pa.  
 Sheridan, Jno. J. & Co., machsts., Mars, Pa.  
 Sheridan Milling Co., flour, Sheridan, Ind.  
 Sheridan Packing Co., Sheridan, Ind.  
 Sheridan Stove Mfg. Co., Quincy, Ill.  
 Sheridan T. W., & C. B. Co., paper box, wire stitching & book binders' machy., etc., 434 B'way, New York.  
 Sheriff Preserve Co., canned, Cincinnati, Ohio.  
 Sheriff's Mfg. Co., pro'ler wheels, 124 Barclay, Milwaukee, Wis.  
 Sherin W. R., Co., carriages, 547 Edison, Milwaukee, Wis.  
 Sherley, O. D., contractor, Hagerstown, Md.  
 Sherlock, John J., contrs., 206 Canal, Syracuse, N. Y.  
 Sherlock, Wm., Mfg. & Bldg. Co., contrs., Syracuse, N. Y.  
 Sherman, A., Lbr. Co., Grand Cen. Ter., New York  
 Sherman Canning & Preserving Co., Sherman, N. Y.  
 Sherman & Co., paper & pulp mill, Belfast, Me.  
 Sherman Envelope Co., Worcester, Mass.  
 Sherman, G. B., & Co., mill & factory supplies, 170 Summer, Boston, Mass.  
 Sherman, G. N. B., & Son, mill & facty. supplies, Newton Hlds., Boston, Mass.  
 Sherman, Geo., architect, Sedro Wooley, Wash.  
 Sherman, H. B. Mfg. Co., brass & bronze castings, etc., Battle Creek, Mich.  
 Sherman Hame Co., Sherman, Tex.  
 Sherman Herbert L., chemists, 12 Pearl, Boston, Mass.  
 Sherman Hog Greaser Co., oilers, Peoria, Ill.  
 Sherman, Isaac, contractor, Westerly, R. I.  
 Sherman, James L., sash, door & blind, New Bedford, Mass.  
 Sherman, John L., contr., 253 1st av, W. H., New Haven, Conn.  
 Sherman Mfg. Co., clamps & battery con's., Battle Creek, Mich.  
 Sherman Mfg. Co., cotton duck & canvas, Sherman, Tex.  
 Sherman-Moore Co., masons' & blds.' matls., Lowell, Mass.  
 Sherman Morris Co., boilers, tanks, &c., Chattanooga, Tenn.  
 Sherman, N. S., Machy. & Iron Wks., Oklahoma, Okla.  
 Sherman, R. A. & Son, contractors, New Bedford, Mass.  
 Sherman, S., & Son, masons' & bldrs.' matls., Poultney, Vt.  
 Sherman-Statler Co., contractors, Cleveland, O.  
 Sherman, Wm. U., contractor, 18 Lyndhurst, Boston, Mass.  
 Sherman's, R. A., & Sons Co., masons' & blds.' matls., Westerly, R. I.  
 Shermerhorn Richard, Jr., architect, 347 5th av, New York  
 Shermund, Henry, architect, Hearst Bldg., San Francisco, Cal.  
 Sherod, Ralph E., elec. fix., 866 Hudson, Detroit, Mich.  
 Sherrill, Chas. L., contractor, Morgan Bldg., Buffalo, N. Y.  
 Sherrill-King Mill & Lumber Co., Paducah, Ky.  
 Sherrill-Russell Lumber Co., Paducah, Ky.  
 Sherrill, S. C., contractor, Kearns Bldg., Salt Lake City, Utah.  
 Sherrill, T. B., contractor, Tampa, Fla.  
 Sherwin, E. C., & Son, agricultural implements, Brandon, Wis.  
 Sherwin Electr. Co., Burlington, Vt.  
 Sherwin-Williams Co., chemicals, 601 Canal rd, N. W., Cleveland, Ohio.  
 Sherwin-Williams Co., paint, Houston, Tex.  
 Sherwood Brass Works, brass founders & finishers, 1167 Jefferson E, Detroit, Mich.  
 Sherwood Bros., lubrg. oils, Bank & 8th, Baltimore, Md.  
 Sherwood Bros. Mfg. Co., auto truck trailers, vehicles, &c., Canastota, N. Y.  
 Sherwood Canning Co., Sherwood, Md.  
 Sherwood Co., school furniture, 1856 W. 14th, Chicago, Ill.  
 Sherwood Distilling Co., Fidelity Bldg., Baltimore, Md.  
 Sherwood, G. P., & Co., granite & stone producers, 52 Vanderbilt av, New York  
 Sherwood, J. F., contractor, Yonkers, N. Y.  
 Sherwood, J. M. Co., pot cleaners, 154 Chambers, New York  
 Sherwood, Lorenzo W., htg. contr., 117 Edgecombe av, New York  
 Sherwood Lumber Co., Brooklet, Ga.  
 Sherwood Mfg. Co., lubricators, injectors, cleaners, etc., 1709 Elmwood, Buffalo, N. Y.  
 Sherwood Metal Working Co., window screens, Syracuse, N. Y.  
 Sherwood, S. Clinton, granite prod., 61 Broadway, New York.  
 Sherwood & Snell, fndrs., Middleport, N. Y.  
 Sherwood, W. L., mach. & fdr., Kirksville, Mo.  
 Shetucket Co., Denims, Greenville, Conn.  
 Shevlin-Carpet Lbr. Co., 112 Lbr. Ex., Minneapolis, Minn.  
 Shevlin, Edwin C., lbr. mfrs., Spalding Bldg., Portland, Ore.  
 Shevlin, Geo. F. Mfg. Co., paper mill machy., Saratoga Springs, N. Y.  
 Shevlin-Hixon Co., lumber, Minneapolis, Minn.  
 Shewan, Jas. & Son, marine boilers, dry docks & marine ry's., 10 Bridge, New York  
 Sheybogan Woodworking Co., sash, door & blind mfr., Sheboygan, Wis.  
 Shiel-Chapin Construction Co., 220 N. Illinois, Indianapolis, Ind.  
 Shield Waldron & Co., granite, Barre, Vt.  
 Shields & Bro., wholesale hardware, 521 Market, Phila., Pa.  
 Shields, C. W., cut glassware, Hawley, Pa.  
 Shields Carriage Co., Amesbury, Mass.  
 Shields, D. B., lbr., Marienville, Pa.  
 Shields, E. M., contractor, Chambersburg, Pa.  
 Shields Foundry Co., Mansfield, Mass.  
 Shields-Geise Lumber Co., Dawson, Ga.  
 Shields & Hackett, cornices, 549 Howard, San Francisco, Cal.  
 Shields, J. H., doors, elevator gates, etc., 231 Sycamore, Cincinnati, Ohio.  
 Shields, John & Sons, brick, Washington, Iowa.  
 Shields, L. H., canned goods, English, Ind.  
 Shields, Moses, Sons, stone producers, Nicholson, Pa.  
 Shields, W. S. P., asphalt miners & refiners, Witherspoon, Bldg., Philadelphia, Pa.  
 Shiels Bros., cornices & skylights, Riverside, Cal.  
 Shiels, Chas. F., & Co., lbr. & veneer mfrs., Gest & McLean avs, Cincinnati, Ohio.  
 Shiels Bros., cornices & skylights, Riverside, Cal.  
 Shiels, Theo. E., architect, Bamlet Bldg., Detroit, Mich.  
 Shiffer Bros., contractors, Stroudsburg, Pa.  
 Shilling, L. S., architect, Punxsutawney, Pa.  
 Shilling, W. Walter, architect, Troy, O.  
 Shilling, Wm. K., architect, Bushnell Bldg., Springfield, Ohio.  
 Shilvey, S. H. & R. H., architects, Fremont, Ohio.  
 Shimer, J. R. Co., meat packers, Phillipsburg, N. J.  
 Shimer, McGlynn & Co., fndrs., 19th & Washington av, Philadelphia, Pa.  
 Shimer, Sam'l J., & Sons, mchsts. & fndrs., Milton, Pa.  
 Shimer Slate Co., Bangor, Pa.  
 Shimer, Wm., Son & Co., fndrs., Freemansburg, Pa.  
 Shimmin Harlen E., architect, Wilbrandt Bldg., Cleveland, O.  
 Shimp, E., Co., canned goods, Hancock's Bridge, N. J.  
 Shimp & Harris, canned goods, Canton, N. J.  
 Shiner & Appel, architects, 185 Church, New Haven, Conn.  
 Shingler, C. P., & Co., turpentine, Donaldsonville, Ga.  
 Shingler, J. S., & Bros., turpentine, Colquitt, Ga.  
 Shingler, T. J., & Bros., turpentine, Donaldsonville, Ga.  
 Shining Light Mfg. Co., greases & oils, Buffalo, N. Y.  
 Shinn-Pool Cable Co., lightning rods, Oklahoma, Okla.  
 Shipp, W. C. Co., lightning rods, Lincoln, Neb.  
 Shinol Co., shoe blackening, Rochester, N. Y.  
 Ship Island Lbr. Co., Sanford, Miss.  
 Shipley Construction & Supply Co., ice & refrig. machines; ammonia conds. & fittings, etc., Ft. of Warren Brooklyn, N. Y.  
 Shipley Hardware Co., cornices & skylights, Lafayette, Ind.  
 Shipley Hdwe. Co., steam fitters' supplies, Meyersdale, Pa.  
 Shipley, J. W., harness, Winston-Salem, N. C.  
 Shipley, Jas. M., contractor, Anna, Ill.  
 Shipley, W. E. Machy. Co., Morris Bldg., Philadelphia, Pa.  
 Shipman, Geo., eyelet machs., West Bridgewater, Mass.  
 Shipman Organ Co., High Point, N. C.  
 Shipman's, Asa L., Sons, loose leaf devices., 100 Chambers, New York  
 Shippen Bros. Lumber Co., Ellijay, Ga.  
 Shipperloc Co., elev. safety devs., 368 Atlantic av, Boston, Mass.  
 Shippey, Geo. W., contractor, Utica, N. Y.  
 Shippey, O. E., lumber, Lyle, Wash.  
 Shippey, Ward G., architect, Glens Falls, N. Y.  
 Shippey, Chas., architect, B'way Central Bldg., Detroit, Mich.  
 Shipway, John H. & Bro., marble, terrazzo flooring, etc., Locust av & 136th, New York.  
 Shire, Edward I., architect, 373 4th av, New York  
 Shirer, John W., cornices, Braddock, Pa.  
 Shirk, A. G., mchsts. & fdrs., Adamstown, Pa.  
 Shirk, J. C. M., architect, 421 Chestnut, Philadelphia, Pa.  
 Shirk, P. E., machinist, Blue Ball, Pa.  
 Shirk Refrigerator Co., 116 S. Michigan av, Chicago, Ill.  
 Shirk, Samuel & Son, wholesale hardware, Hanover, Pa.  
 Shirkey, C. G., architect, 462 blvd., Rockaway Beach, N. Y.  
 Shirley Canning Co., Shirley, Ind.  
 Shirley & Co., silk fringes, 250 W. 54th, New York  
 Shirley, John E., & Son, contractors, Arlington Heights, Mass.  
 Shirley, Jno. R. & Sons, fndrs., 68 Franklin, Providence, R. I.  
 Shirley Lbr. Co., Shirley Mills, Me.  
 Shirley Radiator & Fdry. Co., Indianapolis, Ind.  
 Shively, S. H. & R. H., architects, Sandusky, O.  
 Shivers, Clifford H., architect, Woodbury, N. J.  
 Shnable & Quinn, contractors, 30 N. La Salle, Chicago, Ill.  
 Shnyder, J. M., architect, Easton, Pa.  
 Shockley, Clinton P., architect, Waterloo, Ia.  
 Shockley, J. C., lumber, West Union, S. C.  
 Shoe Hdwe. Co., Waterbury, Conn.  
 Shoe & Leather Reporter, trade publications, 183 Essex, Boston, Mass.  
 Shoemaker, Benj. H., glass, 205 N. 4th, Philadelphia, Pa.  
 Shoemaker, C. H., Lumber Co., Ocean City, N. J.  
 Shoemaker, F. A., inspecting & testing engrs., 250 Pearl, Buffalo, N. Y.  
 Shoemaker, Harry W., architect, 227 W. 22d, Houston Heights, Tex.  
 Shoemaker, J. D., architect, 24 James, Albany, N. Y., & Rensselaer, N. Y.  
 Shoemaker, Lewis F., & Co., contractors, 45 B'way, New York.  
 Shoemaker, Lewis F., & Co., steel struct. wk., Harrison Bldg., Philadelphia, Pa.  
 Shoemaker, M. L., & Co., fertilizer mfrs., Venango & Del., Philadelphia, Pa.  
 Shoemaker, Robt., & Co., wood fillers, paints, etc., 4th & Race, Philadelphia, Pa.  
 Shoemaker, Sam'l, contractor, Land Title Bldg., Phila., Pa.



- Shoemaker, W. H., & Son, belting mfrs., 36 Vesey, New York.  
 Shoemaker's, J. B., Sons, packing box mfrs., Front & E, Philadelphia, Pa.  
 Shoenberg, Milton H., medical batteries, 323 Geary, San Francisco, Cal.  
 Shoff, Auslin H., contractor, Canton, Ohio.  
 Sholder Excel Mfg. Co., potato scoops, Cleveland, Ohio.  
 Sholler, F. J., architect, Altoona, Pa.  
 Shonberg, L., scrap brass & copper, 122 Flushing av, Bklyn, N. Y.  
 Shone Co., sewage ejectors, 231 Institute pl, Chicago, Ill.  
 Shoninger, B., Co., organs & pianos, New Haven, Conn.  
 Shoninger, B., Co., pianos, 505 5th av, New York.  
 Shonk, Chas. W., Co., advertising signs, 76 Wash. blvd., Detroit, Mich.  
 Shonk, Chas. W., Co., name plates, Maywood, Ill.  
 Shons, Wm. H., contractor, Freeport, Ill.  
 Shook & Fletcher Supply Co., machy. dlrs., R. R. equipments, etc., Birmingham, Ala.  
 Shook, Ira E., masons' & bldrs.' matls., Stoney Ridge, Ohio.  
 Shoop Bros., fndrs., Tarenum, Pa.  
 Shoop, Henry B., architect, 14th & Walnut, Harrisburg, Pa.  
 Shoop-Withers Co., masons' & bldrs.' matls., Suffolk, Va.  
 Shop, W. A., & Co., machsts. & fndrs., New Castle, Ind.  
 Shoppell, Clifford, & Co., architects, Furniture Bldg., Evansville, Ind.  
 Shore & Dodge, architects, 608 Chestnut, Philadelphia, Pa.  
 Shore Instrument & Mfg. Co., scientific instrument mfrs., 557 W. 22nd, New York.  
 Shore, W. A., & Co., fertilizer, Baldwin, Ga.  
 Shorey-Willis Brick & Supply Co., 1403 Un. Tr. Bldg., Cincinnati, Ohio.  
 Short, B. E., contractor, Sioux City, Ia.  
 Short, Chas. W., Jr., architect, 33 W. 42d, New York.  
 Short, F., Co., contractors, Louisville, Ky.  
 Short, John H., & Sons, sash, door & blind mfrs., 5 Uhler, Baltimore, Md.  
 Shorthill Steel & Iron Wks., machsts. & fndrs., Perry, Iowa.  
 Shortsville Wheel Co., Shortville, N. Y.  
 Shotten, Thos., Cut Glass Wk., 482 Driggs av, B'klyn, N. Y.  
 Shotwell Mfg. Co., corn poppers, 1021 W. Adams, Chicago, Ill.  
 Shoultz, A. H., architect, Watertown, S. Dak.  
 Shourds, Dalton B., architect, Tribune Bldg., Terre Haute, Ind.  
 Shover, Eugene F., contractor, Poughkeepsie, N. Y.  
 Showalter & Gorst, canned goods, Roanoke, Va.  
 Showell Mfg. Co., canned goods, Showell, Md.  
 Shower, Wm. H., machst. & fndr., Manchester, Md.  
 Shoyer, D. W., & Co., hammock mfrs., 394 B'way, New York.  
 Shoyer, D. W., & Co., sweaters, cardigans, etc., 30 Main, Brooklyn, N. Y.  
 Shrader Bros., contractors, Louisville, Ky.  
 Shrader, Ernest H., architect, 140 4th, Weehawken, N. J.  
 Shrauger & Johnson, lightning rods, Atlantic, Ia.  
 Shredded Wheat Co., 233 B'way, New York.  
 Shreeve & Madsen, architects, Ogden, Utah.  
 Shreffler, S., carriages, Shelby, Ohio.  
 Shreve, Crump & Low Co., elec. fix., 147 Tremont, Boston, Mass.  
 Shreve, R. H., architect, 52 Vanderbilt av, New York.  
 Shreve, W. A., & Co., masons' & bldrs.' matls., Bordentown, N. J.  
 Shreveport Blow Pipe & Sheet Iron Wks. (Ltd.), shavings collecting systems, Shreveport, La.  
 Shreveport Brick & Tile Co., Shreveport, La.  
 Shreveport Creosoting Co., Louisville, Ky.  
 Shreveport Fertilizer Works, Shreveport, La.  
 Shreveport Lumber Co., Shreveport, La.  
 Shreveport Mfg. Co., mattresses, Shreveport, La.  
 Shreveport Saddlery Co., Shreveport, La.  
 Shrewsbury, H. H., lumber, Sedro Woolley, Wash.  
 Shrewsbury & Washburn, flour mills, Caneyville, Ky.  
 Shriver, B. F., Co., canned goods, Westminster, Md.  
 Shriver, T., & Co., piano plates, machsts. & fndrs., Harrison, N. J.  
 Shryock, J. K., cloth boards, 301 N. 2nd, Philadelphia, Pa.  
 Shryock, Theo. J., & Co., 717 S. Caroline, Baltimore, Md.  
 Shubuta Oil & Mfg. Co., fertilizer mfrs., Shubuta, Miss.  
 Shucker & Shindel, soap, Lebanon, Pa.  
 Shuee-Bahls Hardware Co., Lafayette, Ind.  
 Shufeldt, Hy. H., & Co., gin distillers, 28 E. Kinzie, Chicago, Ill.  
 Shuffebarger, E. L., architect, Bluefield, W. Va.  
 Shuffebarger, F. N., architect, Dublin, Va.  
 Shugers Mfg. Co., auto tops, Los Angeles, Cal.  
 Shuler & Benninghofen, blankets, etc., Hamilton, Ohio.  
 Shuler, W. S., Spring Co., Amsterdam, N. Y.  
 Shull, J. & W. C., sash, door & blind dealers, Adrian, Minn.  
 Shull Lbr. & Shingle Co., Everett, Wash.  
 Shull, W. A., razor strops, 142 N. 4th, Philadelphia, Pa.  
 Shull, Wm. S., architect, Atlantic City, N. J.  
 Shults, H. H., Co., post office equipments, Gowanda, N. Y.  
 Shultz All Steel Corner Post Co., store front const., St. Joseph, Mo.  
 Shultz Belting Co., 116 N. 3d, Phila., Pa., & Bismarck & Barton, St. Louis, Mo.  
 Shultz-Goodwin Co., silk tassels, 31 Lincoln, Boston, Mass.  
 Shulz, Arthur P., architect, Bethlehem, Pa.  
 Shumacher, H., Oil Wks., fertz., mfrs., Navacota, Tex.  
 Shuman, C. F., cornices & skylights, Charlotte, N. C.  
 Shuman, F. G., Co., mirrors, 168 N. Michigan av, Chicago, Ill.  
 Shuman, I. J., machsts., Rockland, Me.  
 Shumate, Mary S., flour mills, Narrows, Va.  
 Shumate Razor Co., 630 Locust, St. Louis, Mo.  
 Shumway, C. W., & Son, machsts. & fndrs., Batavia, Ill.  
 Shumway, W. M., Co., contractors, 6057 Hollywood blvd, Los Angeles, Cal.  
 Shunk Plow Co., Bucyrus, Ohio.  
 Shupe, Harry L., architect, Marshall Bldg., Cleveland, Ohio.  
 Shupp, S., wagon spokes, Effort, Pa.  
 Shurick & Hansen, architects, Torrey Bldg., Duluth, Minn.  
 Shurloc Elevator Safety Co., 63 Park row, New York.  
 Shurrocks, A. F., architect, 511 Westminster, Providence, R. I.  
 Shurtleff, Arthur A., landscape arch., 89 State, Boston, Mass.  
 Shuster, F. B., Co., wire straightening & cutting machines, Cedar Hills, New Haven, Conn.  
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 Shuster Plumbing Supply Co., Willow & Franklin, Phila., Pa.  
 Shutt, Lewis A., & Son, contractors, Huntington, Ind.  
 Shutter, S. Z., sash, door & blind mfrs., 25th cor Grand, Kansas City, Mo.  
 Shuttle Mach. Co., 18 E. 17th, New York.  
 Shuttleworth, Edwin, Co., stone prod., Vernon av, Long Island City, N. Y.  
 Shuttleworth, Keiller & Co., paper bags, folding boxes, 474 W. B'way, New York.  
 Shutts & Morrison, architects, Marine Bank Bldg., Erie, Pa.  
 Shwab Bros. Co., plumbers' wood wk., 811 E. 9th, New York.  
 Shwayder Trunk Mfg. Co., Denver, Colo.  
 Sias & Grenfell, contractors, Oak Park, Ill.  
 Sibbel, Jos., marble altars, 214 E. 26th, New York.  
 Sibley Brick Co., common brick, Birmingham, Ala.  
 Sibley Coll. of Engn., engng. schools & coll., Ithaca, N. Y.  
 Sibley, E. L., Mfg. Co., machsts., Bennington, Vt.  
 Sibley, Ernest, architect, Palisade, N. J.  
 Sibley, F. M., Lumber Co., masons' & bldrs.' matls., Kercheval & Beaufait, Detroit, Mich.  
 Sibley Hardware Co., South Bend, Ind.  
 Sibley, J. B., & Son, mill & facty. supplies, Ware, Mass.  
 Sibley Lumber Co., Macon, Ga.  
 Sibley Machine Co., drilling machine mfrs., 8 Tutt, South Bend, Ind.  
 Sibley Pitman Elec'l Corp., batteries, lamps, meters, etc., 19 W. 36th, New York.  
 Sibley Quarry Co., stone producers, Detroit, Mich.  
 Sibley Scythe Co., North Newport, N. H.  
 Sibley Soap Co., Franklin, Pa.  
 Sibley Stove Co., fndrs., South Bend, Ind.  
 Sibly Mfg. Co., cotton duck & canvas, Augusta, Ga.  
 Sicilian Asphalt Paving Co., 41 Park row, New York.  
 Sickels, Geo. B., Marble Co., Sickels, Ga.  
 Sickels, H. P., Co., contractors, Rochester, N. Y.  
 Sickels-Loden Co., wholesale hdwe., 56 Murray, New York.  
 Sickels & Preston Co., wholesale hdwe., Davenport, Ia.  
 Sicking, Barnard, machsts., 1931 Freeman av, Cincinnati, Ohio.  
 Sickles, J. B., Saddlery Co., 2100 Washington, St. Louis, Mo.  
 Sicklesteel Lumber Co., 116 Forman av, Detroit, Mich.  
 Sidbury Lumber Co., Corpus Christi, Tex.  
 Siddons, John, Co., store fronts, Rochester, N. Y.  
 Sidebottom, G. H., architect, 67 Milk, Boston, Mass.  
 Sidells, Byron T., architect, Warren, Ohio.  
 Sider Bros., corn brooms, 1420 Blue Island av, Chicago, Ill.  
 Sider, H., & Son, corn brooms, 1311 Blue Island av, Chicago, Ill.  
 Side Weight Horse Shoe Co., mechanic, Hartford, Conn.  
 Sidney Elevator Mfg. Co., Sidney, Ohio.  
 Sidney Folder Co., machsts., Sidney, Ohio.  
 Sidney Hollowware Co., fellow oilers, Sidney, Ohio.  
 Sidney Mfg. Co., auto. metal bodies, Sidney, Ohio.  
 Sidney Pole & Shaft Co., neck yokes, Sidney, Ohio.  
 Sidney Spec. & Nov. Co., window screens, Sidney, N. Y.  
 Sidney Steel Scraper Co., barrows, road machinery, etc., Sidney, Ohio.  
 Sidney Tool Co., woodworking machinery, Sidney, Ohio.  
 Sidway Mercantile Co., manufacturers of collapsible baby carriages & furniture, Elkhart, Ind.  
 Sidwell, C. W., machsts. & fndrs., Delta, Pa.  
 Siebel, J. E., & Sons Co., chemists, 962 Montana, Chicago, Ill.  
 Sieben Chemical Spraying Nozzle Co., Kansas City, Mo.  
 Sieber Co., loose leaf devices, Pierce Bldg., St. Louis, Mo.  
 Sieber, F. C., soap, Harrisburg, Pa.  
 Siebert Bros., meat packers, Yonkers, N. Y.  
 Siebert, F. L., automobile bldrs., Toledo, Ohio.  
 Siebert, J. S., architect, 1520 6th, San Diego, Cal.  
 Siebert, Val. A., & Co., architects, 425 E. Water, Milwaukee, Wis.  
 Siebert, W. C., contractor, 366 42d, Pittsburgh, Pa.  
 Siebler, W. F., contractor, Easton, Pa.  
 Siebold, F. A., & Son, contractors, 189 W. Madison, Chicago, Ill.  
 Siebold, J. H. & G. B., printing inks, bronze powders, 106 Centre, New York.  
 Siebrand, Carl, architect, Nor. Life Bldg., Seattle, Wash.  
 Siedhoff, Geo. H., Construction Co., Finance Bldg., Kansas City, Mo.  
 Siefert, Aug., Hardware Co., cornices & skylights, Reedsburg, Wis.  
 Siefert, J. A., contractor, Youngstown, Ohio.  
 Siefert Elec. Co., junction boxes, Evansville, Ind.



- Sieg Co., mill & facty. supplies, whol. hwe., Davenport, Ia.  
 Sieg, John A., brick, tile, drain, Marshalltown, Ia.  
 Siegel, Abram, architect, 259 Baden, Rochester, N. Y.  
 Siegel, Rothschild & Co., umbrellas mfrs., Howard & Baltimore, Baltimore, Md.  
 Sieger & Son Mfg. Co., roofing slate mfrs., Slatington, Pa.  
 Siegle, G., Co., color mfrs. & imprts., red oil, Rosebank, N. Y.  
 Siegman & Weil, silk fringes, auto. binding, 20 E. 27th, New York.  
 Siemens & Halske, A. G., elec., melting & refining furnaces, etc., 90 West, New York.  
 Siemer Milling Co., flour, Teutopolis, Ill.  
 Siemon & Elting, color mfrs., 99 Nassau, New York.  
 Siemon Hard Rubber Corp., Bridgeport, Conn.  
 Siemund Wenzel Elec. Welding Co., 30 Church, New York.  
 Siems-Carey Co., bldg. contrs., Ger. Life Bldg., St. Paul, Minn.  
 Siener, John G., architect, 76 Thompson, Buffalo, N. Y.  
 Siepel-Kuhlman Co., architects, Williamson Bldg., Cleveland, O.  
 Sier-Bath Co., machsts., 143 W. 54th, New York.  
 Sierks, Henry, architect, 180 N. Dearborn, Chicago, Ill.  
 Sierra Nevada Wood & Lumber Co., San Francisco, Cal.  
 Siersdorfer Constr. Co., Bellingham, Wash.  
 Siess, A. C., cornices, Dobbs Ferry, N. Y.  
 Siever Hardware Co., Keyser, W. Va.  
 Sieverkropp Engine Co., Racine, Wis.  
 Siewers, Richard A., lumber mfrs., contr., 604 W. Canal, Richmond, Va.  
 Sightler, L. H., turpentine, Andalusia, Ala.  
 Sigler, Grey, ties, Houston, Tex.  
 Sigler, Wm. T., sash, door & blind mfr., Luke, Md.  
 Sigley, Wm. H., gasoline funnels, Sylvan Grove, Kans.  
 Sigman Furniture Mfg. Co., mattresses, Chickasha, Okla.  
 Sign Ad. Co., Geneva, N. Y.  
 Signal Accessories Co., railroad specialties mfrs., Utica, N. Y.  
 Signal Motor Truck Co., 672 Commonwealth, Detroit, Mich.  
 Signal Systems, Ltd., watchman's portable clock, 2 Robins Bldg., Toronto, Canada.  
 Signalphone Alarm Co., tel. & apparatus, Milwaukee, Wis.  
 Sign-O-Graph Mfg. Co., electric illuminated signs, 431 S. Dearborn, Chicago, Ill.  
 Signor, Ralph L., architect, Plattsburg, N. Y.  
 Sigourney Tool Co., machsts., Hartford, Conn.  
 Sigwalt Mfg. Co., seal presses, 3658 Armitage, Chicago, Ill.  
 Sigwart & Rolston, machy., 341 2d av, Pittsburgh, Pa.  
 Sikes Co., chairs, 23d & Passyunk av, Philadelphia, Pa.  
 Sikes Consolidated Chair Co., 30 E. 42d, New York.  
 Sikes Hay Press Co., Ocilla, Ga.  
 Sikes-McLean Lumber Co., Red Springs, N. C.  
 Sikes, S. R. Co., mill & facty. supplies, 1030 S. 3d, Minneapolis, Minn.  
 Silberman, Morris, & Son, scrap iron & steel, 2418 B'way, Cleveland, Ohio.  
 Silberstein, A. L., cutlery & razor mfrs., 74 5th av, New York.  
 Silent Washer Co., clothes washing machines, Appleton, Wis.  
 Siler City Milling Co., Siler City, N. C.  
 Siler Mill Co., shooks box, Raymond, Wash.  
 Silcox Co., elec. cooking app., 45 High, Boston, Mass.  
 Silica Brick & Clay Co., Denver, Colo.  
 Silican Products Co., sand producers, Lancaster, Pa.  
 Silicated Brick Co., lime mfrs., Denver, Colo.  
 Silkworth, Chas. E., Jr., architect, 258 B'way, New York.  
 Sill, Howard, architect, Md. Casualty Bldg., Baltimore, Md.  
 Sill Stone Works, 524 Oak, Rochester, N. Y.  
 Sillocks-Miller Co., car seats & material, bathroom fixtures, South Orange, N. J.  
 Siller Bros., contractors, Sacramento, Cal.  
 Sillers, John S., contractor, 2020 Alter, Philadelphia, Pa.  
 Silliman & Godfrey Co., masons' & bldrs.' matls., Bridgeport, Conn.  
 Silo Specialty Mfg. Co., Clinton, Ia.  
 Silsbee, J. R., architect, Elyria, Ohio.  
 Silsby Stove & Queensware Co., fndrs., Springfield, Mo.  
 Silver Beach Shingle Co., lumber, Bellingham, Wash.  
 Silver, C. B., canned goods, Havre de Grace, Md.  
 Silver Carriage Co., Oneida, N. Y.  
 Silver City Cut Glass Co., Meriden, Conn.  
 Silver & Co., silverware, 304 Hewes, Brooklyn, N. Y.  
 Silver Constr. Co., 411 E. 8th, New York.  
 Silver Creek Sand Co., Silver Creek, N. Y.  
 Silver Crown Disk Co., 1457 B'way, New York.  
 Silver Distilling Co., North Emporia, Va.  
 Silver, Geo. O., canned goods, Havre de Grace, Md.  
 Silver, H., & Son, machsts., Ogdensburg, N. Y.  
 Silver Lake Co., cordage & twine, Newtonville, Mass.  
 Silver Lake Railway & Lumber Co., Castle Rock, Wash.  
 Silver Mfg. Co., agricultural implements, etc., Broadway, Salem, Ohio.  
 Silver Plate Cutlery Co., Shelton, Conn.  
 Silver State Creamery & Produce Co., Fort Lupton, Colo.  
 Silver, W. F., canned goods, Havre de Grace, Md.  
 Silverman Engineering Co., architect, 43 Tremont, Boston, Mass.  
 Silverman, Hyman H., wholesale hwe., 164 Canal, New York.  
 Silverthorne Lbr. Co., North Tonawanda, N. Y.  
 Silverton Lbr. Co., Silverton, Ore.  
 Silvestro Co., elec. & gas light fixtures, 4149 Pk. av, New York.  
 Silvex Co., spark plugs, 30 Church, New York.  
 Silvey Elec. Co., lamps & storage batteries, Dayton, Ohio.  
 Sim, Chas., contractor, Rosemont, Pa.  
 Sim, Geo., machsts., 421 S. Clinton, Chicago, Ill.  
 Simcox, Jos. H., fndrs., Cohoes, N. Y.  
 Sime, John, contrs., Springfield, Ill.  
 Simmers & Campbell, granite, St. Cloud, Minn.  
 Simes Co., elec. & gas light fixtures, 18 Rose, New York.  
 Seminole Mfg. Co., cotton sheetings, Clearwater, S. C.  
 Simison, David D., buckwheat flour, Volant, Pa.  
 Simmon Automatic Railway Signal Co., 1575 Niagara, Buffalo, N. Y.  
 Simmings, Frank, mattresses, San Antonio, Tex.  
 Simmons, Aaron T., architect, Bloomington, Ill.  
 Simmons, B. Stanley, architect, 1340 N. Y. av, N. W., Washington, D. C.  
 Simmons, Benj. I., lbr., Charleston, S. C.  
 Simmons Co., bedstead mfrs., Kenosha, Wis.  
 Simmons, Dennis, Lbr. Co., Williamston, N. C.  
 Simmons Foundry & Mach. Wks., Monongahela, Pa.  
 Simmons, Francis A., architect, Corcoran Bldg., Washington, D. C.  
 Simmons, H. C., steam & hot water heaters, North Bennington, Vt.  
 Simmons Hardware Co., 9th & Spruce, St. Louis, Mo.  
 Simmons, J. C., whol. hwe., Ogden, Utah.  
 Simmons, J. T., masons' & bldrs.' matls., Greenwood, S. C.  
 Simmons, James H., lumber mfrs., Sherman, N. Y.  
 Simmons, Jno., Co., steam fitters', plumbers', mill & facty. supplies—jobbers, 110 Centre, New York.  
**SIMMONS MACHINE CO., INC.**, universal tool & cutter grinders, etc., 987 Broadway, Albany, N. Y.  
*See adv index at end of book*  
 Simmons Mfg. Co., children's cradles, 1347 Michigan, Chicago, Ill.  
 Simmons Mfg. Co., needies & pins, 77 & Lyons av, Phila., Pa.  
 Simmons, N., advtg. nov. & spec., 37 E. 12th, New York.  
 Simmons, Oren J., contrs., Marion, Ind.  
 Simmons, P. M., architect & contractor, 18 S. Market, Johnstown, N. Y.  
 Simmons Pipe Bending Wks., steam fitters' supplies, 40 Mechanic, Newark, N. J.  
 Simmons, R. L., Co., canned goods, Andrews, Md.  
 Simmons, S. G. & Bros. Co., lbr. mfrs., Front & Tatnall, Wilmington, Del.  
 Simmons, W. H., & Co., machsts., 208 Lawrence, Cincinnati, O.  
 Simmons Wood Working Co., Williamsport, Pa.  
 Simms, J. Clay, architect, 2643 Colerain av, Cincinnati, Ohio.  
 Simms Magneto Co., machsts., East Orange, N. J.  
 Simms, W. W., Co., sashes, doors & blinds, Wilson, N. C.  
 Simon August, machsts., Oil City, Pa.  
 Simon & Bassett, architects, 1112 Chestnut, Phila., Pa.  
 Simon Brick Co., Pasadena, Cal.  
 Simon, Chas., machsts., 34 W. 13th, New York.  
 Simon, Emil J., wireless instruments, 50 church, New York.  
 Simon, Geo. (Est. of), mchsts. & fndrs., New Iberia, La.  
 Simon Iron Co., scrap iron, Lansing, Mich.  
 Simon, J., & Co., cocoanut oil, 18 Broadway, New York.  
 Simon, Jno. W., mchsts. & fndrs., Hopewell, Pa.  
 Simon, Omer, machsts., 4030 Filbert, Philadelphia, Pa.  
 Simon Packing Co., meat packers, Youngstown, Ohio.  
 Simon, R. & H., Co., silk goods mfrs., 254 4th av, New York, & Town of Union, N. J.  
 Simon, S. C., & Co., trunks, 404 Brown, Philadelphia, Pa.  
 Simonds, A. A., & Sons Co., machine knives, etc., Dayton, Ohio.  
 Simonds, E. H., metallurgical engrs., Crocker Bldg., San Francisco, Cal.  
 Simonds File Co., Fitchburg, Mass.  
 Simonds, G. L., & Co., boiler flue cleaners, indicators, etc., 250 S. La Salle, Chicago, Ill.  
 Simonds Htg. & Spec. Co., 90 Park pl, Detroit, Mich., & Grand Rapids, Mich.  
 Simonds Mfg. Co., machinists, Liberty & 25th, Pittsburgh, Pa.  
 Simonds Mfg. Co., saws of all kinds for wood & metal cutting, machine knives, files, sheet & bar steel, mfrs., Fitchburg, Mass.  
*See adv index at end of book*  
 Simonds Mfg. Co., Ltd., mill & facty. supplies, 420 Canal, New Orleans, La.  
 Simonds, Warren J., architect, Marlboro, Mass.  
 Simonin's, C. F., Sons, degreasing, Tioga & Belgrade, Phila., Pa.  
 Simons Brick Co., Los Angeles, Cal.  
 Simons Bros., contractors, Scranton, Pa.  
 Simons Bros Co., thimbles, 618 chestnut, Philadelphia, Pa.  
 Simons & Co., trunks, 700 Arch, Philadelphia, Pa.  
 Simons, Edgar P., architect, 814 R. I. av, N. W., Washington, D. C.  
 Simon's, F. A., Bros., fertilizer mfrs., Maud, Pa.  
 Simon's, M., Sons, sash, door & blind, Robinson & Anderson, Pittsburgh, Pa.  
 Simons-Leedle Co., hot air furnaces, Marshall, Mich.  
 Simons & Mayer, machsts., 143 Av. D., New York.  
 Simons, Mayrant, Co., contractors, Charleston, S. C.  
 Simons, T. B., Mercantile Co., Coleman, Mich.  
 Simons, V. D., mill engrs., 39 S. La Salle, Chicago, Ill.  
 Simonsen Iron Works, shears, hand power, Sioux Rapids, Iowa.  
 Simonson, B. Hustace, architect, 315 5th av, New York.  
 Simonson Bros. Mfg. Co., sash, door & blind, 1733 S. 7th, Minneapolis, Minn.  
 Simonson, J. T., & Co., mchsts. & fndrs., Muskegon, Mich.



- Simonson, Otto G., architect, Md. Casualty Tower, Baltimore, Md.
- Simonson, R. A., & Co., filing cabinets & devices, 122 S. Michigan av, Chicago, Ill.
- Simpkins, Wm. H., contractor, 3005 Olive, St. Louis, Mo.
- Simple Account Salesbook Co., Fremont, Ohio.
- Simplex Aircraft Co., aeroplanes & Supplies, New Haven, Conn.
- Simplex Auto. Co., machsts., 755 5th av, New York.
- Simplex Automobile Corp., 60 Broadway, New York.
- Simplex Bed Mfg. Co., Kent, Wash.
- Simplex Brooder Stove Co., Grand Rapids, Mich.
- Simplex Chemical Co., soap, 31 W. Lake, Chicago, Ill.
- Simplex Concrete Piling Co., 3400 Disston, Philadelphia, Pa.
- Simplex Electric Heating Co., 85 Sidney, Cambridge, Mass.
- Simplex Foundation Co., 3400 Disston, Philadelphia, Pa.
- Simplex Hydrometer Co., mfrs. hydrometers & thermometers, Newark, N. J.
- Simplex Interior Telephone Co., 217 W. 3d, Cincinnati, Ohio.
- Simplex Machine Tool Co., Rockefeller Bldg., Cleveland, Ohio.
- Simplex Player Action Co., Worcester, Mass.
- Simplex Short-Turn Trailer Co., auto truck trailers, Auburn, Ind.
- Simplex Time Recorder Co., time recorders, 135 5th av, New York. *See adv index at end of book.*
- Simplex Tool Co., lathe chucks, Woonsocket, R. I.
- Simplex Tractor Co., 1611 Central av, Minneapolis, Minn.
- Simplex Typewriter Co., 644 1st av, New York.
- Simplex Vacuum Co., bottles, 80 5th av, New York.
- Simplex Vacuum Mfg. Co., bottles, 1729 Philip, Phila., Pa.
- Simplex Valve & Meter Co., 110 W. Broad, Philadelphia, Pa.
- Simplex Wire & Cable Co., insulated wires & cable mfrs., 201 Devonshire, Boston, Mass.
- Simpson, A. J., & Son, carriages, Omaha, Neb.
- Simpson, A. W., architect, Upper Montclair, N. J.
- Simpson, Albert J., cornices, 223 Clinton av, Newark, N. J.
- Simpson, Alex. E., wire connectors, 152 E. 53d, New York.
- Simpson, Alfred L., screens, 113 W. 132d, New York.
- Simpson Anchor Co., Niagara Falls, N. Y.
- Simpson Bros, machinery, Portsmouth, Ohio.
- Simpson Bros. Corp., contractors, 166 Devonshire, Boston, Mass.
- Simpson C. A., whol. hdwe., Troy, Ala.
- Simpson Cement Mold Co., Maple & West, Columbus, Ohio.
- Simpson, Chas. W., & Co., contractors, 415 E. Lexington, Baltimore, Md.
- Simpson, Clapp & Co., lbr., 42 Whitehall, New York.
- Simpson Co., masons' & bldrs.' matls., Stoneharbor, N. J.
- Simpson Construction Co., 1113 S. Hermitage av, Chicago, Ill.
- Simpson, D., architect, Wabash Bldg., Pittsburgh, Pa.
- Simpson & Doeller Co., label mfrs., 2800 Preston, Baltimore, Md.
- Simpson, Eugene A., archl. iron, 88 Broad, Boston, Mass.
- Simpson Foundry Co., Newark, Ohio.
- Simpson Frank B., architect, Raleigh, N. C.
- Simpson Garage & Machine Co., Newark, Ohio.
- Simpson, Geo., naval architect, 17 Battery pl, New York.
- Simpson Gray Lumber Co., Stockton, Cal.
- Simpson, H. W., architect, Board of Trade Bldg., Norfolk, Va., & Newport News, Va., & Newbern, N. C.
- Simpson, Hall, Miller & Co., table silverware, Wallingford, Conn.
- Simpson, J. T., architect, Essex Bldg., Newark, N. J.
- Simpson, Jas. C., & Co., lumber, Galesburg, Ill.
- Simpson, Jno., architect, 430 48th, Brooklyn, New York.
- Simpson, John, mach. & fdr., Fairbury, Neb.
- Simpson, John & Co., contractors, 412 W. 6th, Los Angeles, Cal.
- Simpson, John & Son, contractors, Sunbury, Pa.
- Simpson Logging Co., lumber, Shelton, Wash.
- Simpson Lbr. Co., 112 Market, San Francisco, Cal.
- Simpson & McClure Lumber Co., Galesburg, Ill.
- Simpson Mercantile Equipment Co., machsts., Northville, Mich.
- Simpson-Orville Co., flour mill machinery, 1230 Knowlton, Cincinnati, Ohio.
- Simpson Packing Co., canned goods, Trappe, Md.
- Simpson, Percy K., architect, Carthage, Mo.
- Simpson-Pirnie Granite Co., San Diego, Cal.
- Simpson, Ralph H., Co., structural steel & ornamental iron, Hearst Bldg., Chicago, Ill.
- Simpson, Robert, tubular boilers, 220 Russell, Brooklyn, N. Y.
- Simpson, Thos., brick, Columbia, Tenn.
- Simpson, W. A. J., & Son, contractors, Gallatin, Tenn.
- Simpson, Washington, archl. iron, 919 S. 46th, Phila., Pa.
- Simpson, Wm., Construction Co., Marsh-Strong Bldg., Los Angeles, Cal.
- Simpson, Wm. S., mason & bldrs.' mtls., Marion, Ind.
- Simpson's Dry Dock Co., E. Boston, Mass.
- Simpsonville Cotton Mills, fertz. mfrs., Simpsonville, S. C.
- Simpsonville Oil Mill, cottonseed mead, Simpsonville, S. C.
- Sims, Benj. G., contractor, Montclair, N. J.
- Sims Cereal Co., cereal foods, 426 Central av, Minneapolis, Minn.
- Sims Co., water heaters, 18th & Whitley, Erie, Pa.
- Sims, H. C., coffins, caskets, etc., Richmond, Va.
- Sims, L. H., contractor, 2555 Highland Pk. Drive, Salt Lake City, Utah.
- Sinclair & Bessey, cornices & skylights, Sacramento, Cal.
- Sinclair, C. W., turpentine, Hopewell, Fla.
- Sinclair, Fred W., contractor, 1629 Winter, Philadelphia, Pa.
- Sinclair Island Canning Co., Urban, Wash.
- Sinclair & Morrison Co., machinists, Lima, Ohio.
- Sinclair Oil Co., petroleum & its products, Conway Bldg., Chicago, Ill.
- Sinclair Quarry & Const. Co., contrs., Syndicate Tr. Bldg., St. Louis, Mo.
- Sinclair Rieger Co., contractors, 409 W. 55th, New York.
- Sinclair, S. B., architect, Oskaloosa, Iowa.
- Sinclair-Scott Co., hardware & machinery mfs., Baltimore, Md.
- Sinclair, T. M., & Co., meat packers, Cedar Rapids, Iowa.
- Sinclair & Valentine Co., color mfrs., 611 W. 129th, New York.
- Sinclair, H. P., & Co., cut glassware, Corning, N. Y.
- Sindle, H. S., felts-wood, Little Falls, N. J.
- Siner, H. M. & C. B., brick, Nicetown la & K., Phila., Pa.
- Singack Brick Co., Little Falls, N. J.
- Singer, A. L., & Co., employees' uniforms, 173 W. Adams, Chicago, Ill.
- Singer Bros., advtg. nov., 82 Bowery, New York.
- Singer Co., fertilizer, Lumpkin, Ga.
- Singer Knitt'g Mills, sweaters, cardigans, etc., 251 Varet, Brooklyn, N. Y.
- Singer Mfg. Co., iron rolling mills, Elizabeth, N. J.
- Singer Motor Co., 1790 Broadway, New York.
- Singer-Pentz Co., contractors, 600 Equitable Bldg., Balto., Md.
- Singer Piano Co., 238 S. Wabash av, Chicago, Ill.
- Singer Sewing Mach. Co., 149 Broadway, New York.
- Single Center Buggy Co., Evansville, Ind.
- Single Faucet & Flush Valve Co., 631 W. Jackson blvd., Chicago, Ill.
- Single, Jno., Paper Co., Syracuse, N. Y.
- Singletary Lumber Co., 1623 Mewin av, Cleveland, O.
- Singleton, F. J., architect, Burk Burnett Bldg., Fort Worth, Tex.
- Singmaster, J., & Co., masons' & bldrs.' matls., Macungie, Pa.
- Sink, Wm., Canning Co., Brandon, Wis.
- Sinker-Davis Co., mchsts. & fndrs., Indianapolis, Ind.
- Sinn, Fred'k, scrap iron, Paterson, N. J.
- Sinn, Geo. A., masons' & bldrs.' matls., 4430 Penn, Phila., Pa.
- Sinnott Bros., contractors, Ottawa, Ill.
- Sinnott, Peter, htg. contrs., 967 E. 105th, New York.
- Sintes, Chas., contractor, New Orleans, La.
- Sior, Heinrich, auto truck trailers, 245 Floyd, Brooklyn, N. Y.
- Sioux City Auto Top Co., Sioux City, Iowa.
- Sioux City Brick & Tile Co., Sioux City, Iowa.
- Sioux City Casket Co., Sioux City, Iowa.
- Sioux City Compressor Co., mchsts. & fndrs., Sioux City, Iowa.
- Sioux City Engine & Machy. Co., Sioux City, Iowa.
- Sioux City Iron Co., Sioux City, Iowa.
- Sioux Falls Metal Culv. Co., Sioux Falls, S. D.
- Sioux Falls Pressed Brick Co., Sioux Falls, S. D.
- Sioux Gas Engine Co., machsts., Sioux Falls, S. D.
- Sipe, Jas. B., & Co., oils, paints & varnishes, Bessemer Bldg., Pittsburgh, Pa.
- Siple Geo. H., & Co., masons' & bldrs.' matls., Otsego, Mich.
- Sipp Mach. Co., Paterson, N. J.
- Sippel, Theo. A., sand blast machs., 205 McWhorter, Newark, N. J.
- Sipps, Geo. L., contractor, 912 Locust, Philadelphia, Pa.
- Sipsey Valley Oil & Fertilizer Works, Fayette, Ala.
- Sirch Laboratories & Elec'l. Mfg. Co., rectifiers, Los Angeles, Cal.
- Sireno Co., auto. horns, 20 Rose, New York.
- Siro Carburetor Mfg. Co., machsts. & fndrs., Northampton, Mass.
- Sirrine, J. E., architect & mill engineer, Greenville, S. C.
- Sisk, R. J., Mfg. Co., size, New London, Conn.
- Sisson, Hugh, & Sons, marble producers, 21 N. Liberty, Baltimore, Md.
- Sisson, J. H., canned goods, Nace, Va.
- Sisson Marble Co., W. 23d & B. & O., Baltimore, Md.
- Sisson & Smalley, cornices, Cuba, N. Y.
- Sistare, F. B., & Son, contractors, New Bedford, Mass.
- Sites & Buell, stone producers, 505 E. 6th av, Denver, Colo.
- Sites, C. P., architect, Southwestern Life Bldg., Dallas, Tex.
- Sitler, C. E., architect, Berwick, Pa.
- Sitterding-Carneal-Davis Co., masons' & bldrs.' matls., 1601 W. Leigh, Richmond, Va.
- Sittig, J. W., chemical stoneware, steam traps, 5 Beekman, New York.
- Sittler, Peter, machsts., Eckert, Pa.
- Sittmann G., & Sons, machsts. & fndrs., 105 Liberty, Brooklyn, N. Y.
- Siver, M. L., & Co., lumber mfrs., Sidney, N. Y.
- Sivyer Steel Casting Co., motor truck, tracto & gen. mchy. castings, 37th av, Milwaukee, Wis.
- Sizer, A., & Co., canned goods, Buchanan, Va.
- Sizer Forge Co., axles, blooms, shaftings, etc., 238 Larkin, Buffalo, N. Y.
- Sizer, Robert R., & Co., lbr., 15 William, New York.
- S. & J. Co., hdwe. mfrs., auto. machy. & screw mach. products, Springfield, Mass.
- Sjefield Co., mill & facty. supplies, Americus, Ga.
- Sjoberg Bros., flour, Badger, Minn.
- Sjostrom, John E., Co., bank, office & store fixtures, 923 Columbia, Philadelphia, Pa.
- S. K. F. Ball Bearing Co., 1 Wall, New York.
- Skafgaard, A., contractor, 1656 Keystone av, Chicago, Ill.
- Skagit Commission Co., masons' & bldrs.' matls., Sedro Woolley, Wash.
- Skagit Mill Co., lumber, Lyman, Wash.
- Skagit Valley Fruit Growers' Assn., canned goods, Burlington, Wash.
- Skahen Steel Co., steel burial vaults, Syracuse, N. Y.
- Skandia Coal & Lbr. Co., masons' & bldrs.' matls., Rockford, Ill.



- Skaneateles Boat & Canoe Co., Skaneateles, N. Y.  
 Skaneateles Paper Co., Skaneateles, N. Y.  
 Skannel, Elbert, htg. contrs., 956 Lind av, New York.  
 Skat Co., soap, Hartford, Conn.  
 Skeel, Albert E., architect, Avenue Bldg., Cleveland, O.  
 Skeel Bros Co., contractors, 8311 Euclid av, Cleveland, O.  
 Skeel, Frank D., architect, Vickers Bldg., Cleveland, Ohio.  
 Skehan, W. J., & Co., machsts. & fndrs., Augusta, Me.  
 Skelley Bracket Co., 1265 W. 2d, Cleveland, Ohio.  
 Skelly, Thos. P., Bolt Co., 24th & Cariton, Philadelphia, Pa.  
 Skelton, Fred'k, contractor, tents, 200 5th av, New York  
 Skevington, H., & Co., tex. machy. (singeing machines), 1610 N. Philip, Philadelphia, Pa.  
 S. K. F. Ball Bearing Co., ball bearings & shaft hangers mfrs., Hartford, Conn.  
 Skidd, Chas., Mfg., Co., milk coolers, metal spinning, Kenosha, Wis.  
 Skidmore, Chas., sash, door & blind mfr., Riverhead, N. Y.  
 Skidmore, Geo. H., architect, Riverhead, N. Y.  
 Skidmore, Harry, architect, Hearst Bldg., San Francisco, Cal.  
 Skidmore, Wm., Sons & Co., lumber, Cutin, Ore.  
 Skiff, J. H., architect, McPherson, Kans.  
 Skillen-Goodin Glass Co., Yorktown, Ind.  
 Skillin & Richards Mfg. Co., mill & facty. supplies, 4520 Cortland, Chicago, Ill.  
 Skilling, C. F., architect, 740 S. B'way, Los Angeles, Cal.  
 Skilling, Julius P., spools, Bethel, Me.  
 Skillings, Warren, architect, Garden City Bk. Bldg., San Jose, Cal.  
 Skillings, Whitney & Barnes, lumber mfrs., Ogdensburg, N. Y.  
 Skillman, A. A., canned goods, Belcamp, Md.  
 Skillman Hdwe. Mfg. Co., Trenton, N. J.  
 Skinner & Garrett, contractors, 1416 F, N. W., Washington, D. C.  
 Skinner, A. M., architect, Roth Bldg., Watertown, N. Y.  
 Skinner & Arnold, machinists, 199 Broadway, Albany, N. Y.  
 Skinner Bros., diamond, turn'g, etc., tools, 430 Kent av, Brooklyn, N. Y.  
 Skinner Bros. Mfg. Co., blow pipes, blowers, exhausters, fans, etc., 10th & Tyler, St. Louis, Mo.  
 Skinner, C. E. & J. F., roll coverers, Valley Falls, R. I.  
 Skinner Chuck Co., New Britain, Conn.  
 Skinner & Connolly, machsts., Yonkers, N. Y.  
 Skinner Douglas Paint Co., 610 B'way, Kansas City, Mo.  
 Skinner, E. W., cornices, Warren, Ohio.  
 Skinner & Eddy Corp., shipbuilders, Seattle, Wash.  
 Skinner Engine Co., 12th & Chestnut, Erie, Pa.  
 Skinner, Ernst M., Co., organs, 215 Sydney, Boston, Mass.  
 Skinner, H. J., contractor, Eagle Bldg., Spokane, Wash.  
 Skinner, J. M., Bending Co., Toledo, Ohio.  
 Skinner & Kennedy Stationery Co., loose leaf devices, 416 N. 4th, St. Louis, Mo.  
 Skinner & Leary Co., machsts., 19 Commercial, Newark, N. J.  
 Skinner, Louis H., dry docks, Wilmington, N. C.  
 Skinner Lbr. Co., Barton Landing, Vt.  
 Skinner, M. B., & Co., mill & facty. supplies, 562 W. Washington, Chicago, Ill.  
 Skinner & Oyston, wholesale hdwe., Little Falls, N. Y.  
 Skinner, Theodore H., architect, Kenwood, N. Y.  
 Skinner, W. C., fertilizer, Waynesboro, Ga.  
 Skinner, W., & Son, glassware cut, Hammononton, N. J.  
 Skinner & Walker, architects, 1188 Main, Bridgeport, Conn.  
 Skipton, Valentine, Co., lubrg. oils, 221 Arch, Philadelphia, Pa.  
 Skirving, J. S., contractor, San Antonio, Tex.  
 Sklar, J., Mfg. Co., surgical & dental insts., 133 Floyd, Brooklyn, N. Y.  
 Skobis Co., machsts., 951 30th, Milwaukee, Wis.  
 Skoglund, Aug. H., contractor, 179 W. Washington, Chicago, Ill.  
 Skoglund, Emil G., stone, 4920 N. Clark, Chicago, Ill.  
 Skoglund, Eric, stone producers, 5555 N. Lincoln av, Chicago, Ill.  
 Skoog, G. A., architect, Mahoning Bk. Bldg., Youngstown, Ohio.  
 Skook & Booth, contractors, Youngstown, Ohio.  
 Skow Mfg. Co., lumber, Newton, Ia.  
 Skowhegan Pulp Co., Skowhegan, Me.  
 Skowronski, W. J., sash, door & blind mfr., 8201 Colfax av, Chicago, Ill.  
 Skrainka Const. Co., contrs., Security Bldg., St. Louis, Mo.  
 Skuse Cooperage, Rochester, N. Y.  
 Skvarla, John, contractor, Passaic, N. J.  
 Slack, Ben. F., Brass Mfg. Co., Denver, Colo.  
 Slack, Frank A., architect, Beloit, Kans.  
 Slack-Horner Brass Mfg. Co., Denver, Colo.  
 Slack, James W., mill & facty. supplies, Fall River, Mass.  
 Slack Mfg. Co., machsts., Springfield, Vt.  
 Slack, P. S., architect, Latrobe, Pa.  
 Slack, S. Alex., auger bits, Oxford, Pa.  
 Slack, Wm. H., architect, 210 Barrett, Syracuse, N. Y.  
 Slack, Wm. W., architect, American Mechanics' Bldg., Trenton, N. J.  
 Slade Elev. Co., 1565 Park av, New York.  
 Slade, S. E., Lumber Co., 112 Market, San Francisco, Cal.  
 Sladen, Geo. E., & Co., contractors, 1223 Clover, Phila., Pa.  
 Slagel, C. W., & Son, canned goods, Davenport, Nebr.  
 Slaight, E. E., & Co., canned goods, Seaford, Va.  
 Slake Spec. Co., boiler tees, Rock Island, Ill.  
 Slane, O. W., Glass Co., glass mirrors, store fronts, windshields, etc., York, Pa.  
 Slate River Milling Co., flour, Slate River, Va.  
 Slater Construction Co., sash, door & blind, Pontiac, Mich.  
 Slater, Forest E., architect, Berwick, Me.  
 Slater, Frank, architect, New Britain, Conn.  
 Slater, Howard P., architect, Port Chester, N. Y.  
 Slater, Jas. H., & Son, contractors, Poughkeepsie, N. Y.  
 Slater, John L., architect, La Grande, Ore.  
 Slater Mfg. Co., cotton sheetings, etc., Pawtucket, R. I.  
 Slater-Marsden-Whittenmore Co., punching & shearing mchy., Beloit, Wis.  
 Slater, Robt., felt mills, Pompton Lakes, N. J.  
 Slater, S., & Sons, woolen carriage cloth, Webster, Mass.  
 Slater, W. A., Mills, cotton thread, Jewett City, Conn.  
 Slater, W., Co., contractors, 2314 Sta. Fe, Los Angeles, Cal.  
 Slate's, Geo., Sons, belting mfrs., Williamsport, Pa.  
 Slatington-Bangor Slate Syndicate, Slatington, Pa.  
 Slatington Fdry. Mach. & Boiler Wks., Slatington, Pa.  
 Slatington Iron & Steel Co., Slatington, Pa.  
 Slatington Slate Co., Slatington, Pa.  
 Slatmyer, Henry G., & Son Constr. Co., 203 Lakeside av, N. W., Cleveland, Ohio.  
 Slattery, J. B., & Bros., gas stoves, 108 Lawrence, Brooklyn, N. Y.  
 Slaughter, G. W. & A. J., brick, Murray, Ky.  
 Slaughter, Wm., curling irons, 1712 S. Michigan av, Chicago, Ill.  
 Slavik & Co., cornices, 1500 Blue Island av, Chicago, Ill.  
 Slavik, Frank, cornices, 3025 W. Van Buren, Chicago, Ill.  
 Slavin, M., Son, contractor, Cohoes, N. Y.  
 Slawson, A. F., cornices & skylights, De Soto, Mo.  
 Slaymaker Lock Mfg. Corp., lock mfrs., Lancaster, Pa.  
 Slaymaker, S. E., & Co., lbr., 200 5th av, New York  
 Slaysman & Co., machsts., cor. Pratt & President, Baltimore, Md.  
 Slayter, Chas. Keeler, architect, 40 E. 53d, New York.  
 Slazenger, Frank L., golf balls, tennis racquet mfrs., 12 E. 43d, New York.  
 Sleden Motor Vehicle Co., Rochester, N. Y.  
 Sledge & Barkley Co., mill & facty. supplies, Lawrenceville, Va.  
 Slee & Bryson, architects, 165 Monague, Brooklyn, N. Y.  
 Sleep Well Mattress Co., Los Angeles, Cal.  
 Sleeper, B. R., rakes—garden or lawn—etc., Sunapee, N. H.  
 Sleeper Bros., cornices & skylights, Rockland, Me.  
 Sleeper Co., igniters, gas & gasoline engines, Fowler, Ind.  
 Sleeper & Hawley, wire spring machy., Worcester, Mass.  
 Sleeper, W. P., granite, South Thomaston, Me.  
 Sleight, Chas. E., architect, Romaine Bldg., Paterson, N. J.  
 Sleight Metallic Ink Co., 5907 Market, Philadelphia, Pa.  
 Slems-Carey Co., contractors, German Life Bldg., St. Paul, Minn.  
 Slensby, W. P., needle threaders, 36 Beekman, New York  
 Slessman & Sons, canned goods, Clyde, Ohio.  
 Slick, F. E., contractor, Richmond, Ind.  
 Slidell Brick & Lumber Co. (Ltd.), ties, poles, New Orleans, La.  
 Slidell Dry Dock & Shipbuilding Co., Slidell, La.  
 Slider, E. T., masons' & bldrs.' matls., New Albany, Ind.  
 Slifer Packing Co., meat packers, Hamilton, Ohio.  
 Sligo Furnace Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Sligo Iron Store Co., 6th & O'Fallon, St. Louis, Mo.  
 Sliney, John T., contractor, Branford, Conn.  
 Slinn, H. H., machsts., Chillicothe, Ill.  
 Slipno Co., belt dressing, 40 Clifton, Newark, N. J.  
 Slipper City Wool Heel Co., Haverhill, Mass.  
 Sloan & Chace Mfg. Co., Ltd., machsts., 351 6th av, Newark, N. J.  
 Sloan, Clifton B., architect, 321 E. 11th, Kansas City, Mo.  
 Sloan & Company, contr., masons' & bldrs.' matls., Chattanooga, Tenn.  
 Sloan, Frank B., & Co., sash, pulley mfrs., Baltimore, Md.  
 Sloan, J. J., architect, Marion, Ohio.  
 Sloan & Kilgour, architects, 1182 B'way, New York.  
 Sloan Lumber Co., 414 Light, Baltimore, Md.  
 Sloan Nov. Mfg. Co., patterns & models, S. W. cor. 20th & Wyandotte, Kansas City, Mo.  
 Sloan, Samuel, & Co., plumbers' supplies, jobbers, 67 Exchange, Rochester, N. Y.  
 Sloan Valve Co., 617 W. Jackson blvd, Chicago, Ill.  
 Sloan, W. G., architect, Greensburg, Pa.  
 Sloane Mfg. Co., aeroplanes & supplies, 1737 B'way, New York.  
 Sloane & Moller, interior hardwood wk., 316 E. 65th, New York.  
 Slocumb, F. F., & Co., leather working machinery & pneumatic tools, Wilmington, Del.  
 Slocumb, Harry A., architect, 511 Westminster, Providence, R. I.  
 Slocumb, J. T., Co., machine tool mfrs., 35 Oxford, Providence, R. I.  
 Slocum, Edward, architect, Lincoln Inn Court, Cincinnati, O.  
 Slocum, G. G., canned goods, Wingate, Md.  
 Slocum & Gifford, architects, 101 Park av, New York.  
 Slocum & Kilburn, mill & facty. supplies, New Bedford, Mass.  
 Slocum, Wm. H., Co., machsts., Pawtucket, R. I.  
 Sloss, Sheffield Steel & Iron Co., Birmingham, Ala.  
 Sloss, Wm. J., & Son, masons' & bldrs.' matls., Big Rapids, Mich.  
 Slover, Edward, Fertilizer Co., Camden, Ohio.  
 Slovynec, Jno., architect, 4580 S. Ashland av, Chicago, Ill.  
 Slusky, David, cornices & skylights, Augusta, Ga.



Slusser-McLean Scraper Co., road scrapers, Sidney, Ohio.  
 Slutter, L. L., lumber, Bartonville, Pa.  
 Sluyter, R. E., architect, Herkimer, N. Y.  
 Sly, L. H., contractor, 57 Post, San Francisco, Cal.  
 Sly, W. W., Mfg. Co., foundry equipment, 4700 Train av, Cleveland, Ohio.  
 Snyder, J. D. & I., lumber, New Lebanon, Ohio.  
 Small, Alvin E., architect, Madison, Wis.  
 Small Bros., cotton bandings, laces, tapes, etc., Fall River, Mass.  
 Small, F. & Son, cornices, Moravia, N. Y.  
 Small, Franklin M., architect, 265 Broadway, New York.  
 Small, P. A. & S. Co., masons' & bldrs.' matls, whol. hdwe, & mill, facty. & plumbers' supplies, York, Pa.  
 Small, R. B., Co., brick & sewer pipe, Columbus, Ga.  
 Small, Simon, & Sons Co., contractors, Mansfield, Ohio.  
 Small, W. E., machinist, Los Angeles, Cal.  
 Small, W. E. Spoke Mfg. Co., Cornith, Miss.  
 Smallbone Mfg. Co., machsts., 1821 Berneau, Chicago, Ill.  
 Smalley-General Co., machsts., Bay City, Mich.  
 Smalley, H. C., Granite Co., Quincy, Mass.  
 Smalley, Hobbs & Hunter, granite, Rochester, N. H.  
 Smalley Mfg. Co., agricultural implements, machsts. & fndrs., Manitowoc, Wis.  
 Smalley Stone Co., Plainfield, N. J.  
 Smallman-Brice Co., contractors, Am. Trust Bldg., Birmingham, Ala.  
 Smallwood Co., contractors, Chattanooga, Tenn.  
 Smallwood, Robert F., architect, 569 5th av, New York.  
 Smallwood, W. R., Mfg. Co., machsts., Gowanda, N. Y.  
 Smart, A. J., Mfg. Co., (see Greenfield Top & Die Corporation), Greenfield, Mass.  
 Smart, C. E. & H. P., sash, door & blind mfrs., Centr Ossipee, N. H.  
 Smart, George B., & Co., mill & factory supplies & cornices, Lawrence, Mass.  
 Smead Mfg. Co., envelopes, Hastings, Minn.  
 Smeallie & Voorhees, lining paper, Amsterdam, N. Y.  
 Smedley & Mehl, masons' & bldrs.' matls., Ardmore, Pa.  
 Smedley Pump Co., Dubuque, Ia.  
 Smedley, Walter, architect, Stephen Gerard Bldg., Phila., Pa.  
 Smeed Box Co., packing box mfrs., 1878 Scranton rd, Cleveland, Ohio.  
 Smeeth-Hardwood Co., fndrs., 2401 W. 22d, Chicago, Ill.  
 Smethport Extract Co., Exchange Bldg., Boston, Mass.  
 Smethport Glass Co., Smethport, Pa.  
 Smidth, F. L., & Co., cement machy., etc., 50 Church, New York.  
 Smiley, Albert F., contractor, Pawtucket, R. I.  
 Smiley, F. L., & Son, canned goods, Roanoke, Va.  
 Smiley, J. L., & Co., canned goods, Blaine, Wash.  
 Smiley, J. W., canned goods, Buchanan, Va.  
 Smilie, Edw. S., landscape architect, 394 Central, Newton, Mass.  
 Smith, A. A., machsts. & fndrs., Leominster, Mass.  
 Smith, A. A., Cotton Products Co., cottonseed linters, Prudential Bldg., Atlanta, Ga.  
 Smith, A. B., Chemical Co., Buffalo, N. Y.  
 Smith, A. B., Lumber Co., ties, poles & posts, Old Colony Bldg., Chicago, Ill., & Paducah, Ky.  
 Smith, A., & Co., cornices, Cambridge, Mass.  
 Smith, A. E., contractor, Fair Haven, N. J.  
 Smith, A. F., architect, 1029 Penn. Reading, Pa.  
 Smith, A. F., Co., brick, New Brighton, Pa.  
 Smith, A. H., masons' & bldrs.' matls., Paterson, N. J.  
 Smith, A. H., & Co., steam gauge springs, brass & nickel silver tubing, Waterbury, Conn.  
 Smith, A. J., contractor, Cedar Rapids, Ia.  
 Smith, A. J., Mfg. Co., shooting galleries, 3247 W. Van Buren, Chicago, Ill.  
 Smith, A. L., architect, 228 S. Hennessy, New Orleans, La.  
 Smith, A. L., Iron Works, archtl. & ornamental iron work, Chelsea, Mass.  
 Smith, A. M., stone producer, Findlay, Ohio.  
 Smith, A. O., Co., automobile bldrs., 27th & Keefe av, Milwaukee, Wis.  
 Smith, A. P., Mfg. Co., machsts. & fndrs., motors, valves, East Orange, N. J.  
 Smith, A., & Son, tubular boilers, 685 11th av, New York.  
 Smith, A. W., architect, 1004 B'way, Oakland, Cal.  
 Smith, A. W., Co., architects, Keenan Bldg., Pittsburgh, Pa.  
 Smith & Abbott Co., mill, plumbers' & steamfitters' supplies, Portland, Me.  
 Smith, Abe, mill, facty. & plumbers' supplies, jobbers, Paterson, N. J.  
 Smith Agricultural Chemical Co., fertilizer mfrs., Columbus, O.  
 Smith, Albert, contractor, Roachdale, Ind.  
 Smith, Albert C., & Co., steamfitters' supplies, Newburgh, N. Y.  
 Smith's, Albert, Sons, machsts. & fndrs., 73 N. J. R. R. av, Newark, N. J.  
 Smith-Alsop Paint & Varnish Co., Terre Haute, Ind.  
 Smith, Andrew J., Construction Co., Campau Bldg., Detroit, Mich.  
 Smith, Andrew J., & Sons, contractors, Port Huron, Mich.  
 Smith & Anthony Co., steam htrs., 52 Union, Boston, Mass.  
 Smith, Arthur F., contrs. tents, etc., 79 Beekman, New York.

Smith, Arthur L., & Co., contractors, Woodward Bldg., Washington, D. C.  
 Smith, Arthur T., architect, 1200 Chestnut, Philadelphia, Pa.  
 Smith, Aruth H., architect, Rutland, Vt.  
 Smith, Asa, & Son, contractors, Easton, Pa.  
 Smith, B. E., contractor, 633 E. 7th, Salt Lake City, Utah.  
 Smith, Barnes & Strohber Co., pianos, 1872 Clybourn av, Chicago, Ill.  
 Smith & Bassette, architects, 36 Pearl, Hartford, Conn.  
 Smith & Bell, lbr., Decatur, Ind.  
 Smith, Benjamin, mach. & fdr., Shenandoah, Ia.  
 Smith, Benj. F., Co., dye tubs & woodtanks contr., Pawtucket, R. I.  
 Smith-Booth-Usher Co., mill & facty. supplies, 228 S. Central av, Los Angeles, Cal.  
 Smith, Bowen B., architect, 104 W. 42nd, New York.  
 Smith Box & Lbr. Co., Manchester, N. H.  
 Smith & Brennan Pile Co., Main & Angelica, St. Louis, Mo.  
 Smith Brick Co., Omaha, Neb.  
 Smith Bros., architects, Rockefeller Bldg., Cleveland, Ohio.  
 Smith Bros., mattresses, Ogden, Utah.  
 Smith Bros. & Co., fertilizer, Bartow, Ga.  
 Smith Bros. Hardware Co., 38 W. Chestnut, Cleveland & Columbus, Ohio.  
 Smith & Brown Co., contractors, 128 S. La Salle, Chicago, Ill.  
 Smith, Burkley & Billingslea, canned goods, Taylor's Bridge, Del.  
 Smith, C. A., architect, Salina, Kans.  
 Smith, C. A., Lumber Co., Oakland, Cal.  
 Smith, C. C., canned goods, Airville, Pa.  
 Smith, C. C., contrs., Midland Bldg., Kansas City, Mo.  
 Smith, C. C., Boat & Engine Co., ship bldrs., Algonac, Mich.  
 Smith, C. D., & Co., contractors, Memphis Trust Bldg., Memphis, Tenn.  
 Smith, C. D., & Son, contractors, Oak Park, Ill.  
 Smith, C. G., Artesian Well Co., tube well strainers, 132 High, Boston, Mass.  
 Smith, C. H., architect, Rookery Bldg, Spokane, Wash.  
 Smith, C. H., & Co., machsts., Springfield, Mass.  
 Smith, C. R., masons' & bldrs.' matls., Niles, Mich.  
 Smith, C. S., contractor, center & Graham, Pittsburgh, Pa.  
 Smith, C. W., elevators, 80 Terrace, Buffalo, N. Y.  
 Smith, C. W., architect, 1802 Acklen av, Nashville, Tenn.  
 Smith, C. W., Copper Wks., 16 Washington, San Francisco, Cal.  
 Smith & Caffrey Co., iron foundry, Syracuse, N. Y.  
 Smith Cannery Machine Co., Seattle, Wash.  
 Smith-Carothers Lbr. Co., Memphis, Tenn.  
 Smith Carriage Co., Springfield, Mass.  
 Smith & Carrier, architects, Asheville, N. C.  
 Smith & Carter, architects, 21 Dexter av, Montgomery, Ala.  
 Smith, Chas., architect, 411 Walnut, Philadelphia, Pa.  
 Smith, Chas. C., tags—index, Exeter, Neb.  
 Smith, Chas., Co., fndrs., 57 W. Lake, Chicago, Ill.  
 Smith, Chas. H., architect, 124 Grove, Plainfield, N. J.  
 Smith, Chas. J., contrs., Union Bldg., Syracuse, N. Y.  
 Smith, Chas. J., & Co., whol. hdwe., 42 Murray, New York.  
 Smith, Chas. K., & Co., lubrg. oils, 123 Arch, Philadelphia, Pa.  
 Smith, Chas. O., contractor, Mahanoy City, Pa.  
 Smith, Cicero, Lumber Co., Fort Worth, Tex.  
 Smith, Clarence L., Co., masons' & bldrs.' matls.—contr., 30th & 11th av, New York.  
 Smith, Clarence W., architect, Asbury Park, N. J.  
 Smith, Claude, Co., brick kilns contractors, 417 S. Dearborn, Chicago, Ill.  
 Smith-Courtney Co., machinery dealers, Richmond, Va.  
 Smith & Crosby, collar button, Attleboro, Mass.  
 Smith, D. B., & Co., agricultural implement, Utica, N. Y.  
 Smith, D. B., & Sons Co., cotton duck, Pine Meadow, Conn.  
 Smith, D. E., masons' & bldrs.' matls., Milford, Conn.  
 Smith & Daudt, machsts., Jersey City, N. J.  
 Smith & Davis Mfg. Co., spring beds, hospital furn., etc., 20th & Locust, St. Louis, Mo.  
 Smith & Des Champs, contractors, Hartford, Conn.  
 Smith Distillery Co., Chicago, Ky.  
 Smith & Dodge, bldg. contrs., Portland, Ore.  
 Smith & Dove Mfg. Co., cordage & twine mfrs., Andover, Mass.  
 Smith Drill & Machy. Co., Chattanooga, Tenn.  
 Smith, Drum & Co., textile machy., Allegheny av & 5th, Phila., Pa.  
 Smith-Du Plain & Crumb Co., lbr. mfrs., Rockford, Ill.  
 Smith & Duckworth, sashes, doors & blinds, Crawfordsville, Ind.  
 Smith, E. A., compounds, lubrg. oils, soap, etc., Hamilton, Ohio.  
 Smith, E. A., & A. T., asphalt contrs., Lowell, Mass.  
 Smith, E. Baldwin, architect, Nyack, N. Y.  
 Smith, E. C., pack'g box mfrs., 420 Oakland, Brooklyn, N. Y.  
 Smith, E. C., Mfg. Co., bath room fix., 120 N. Union, Chicago, Ill.  
 Smith, E. E., Co., sash, door & blind mfrs., 136 Rhodes, Providence, R. I.  
 Smith, E. E., Contracting Co., 101 Park av, New York.  
 Smith, E. F., & Son, button mfrs., Union City, Conn.  
 Smith, E. H. H., Silver Co., Bridgeport, Conn.  
 Smith, E. J., & Sons, brick, North English, Ia.  
 Smith, E. L., & Co., granite, Barre, Vt.  
 Smith, E. M., & Co., machsts., Peoria, Ill.  
 Smith, E. M., Co., mill & facty. supplies, 618 Clarence, Los Angeles, Cal.



- Smith, E. R., meat packers, 2624 Montgomery, St. Louis, Mo.  
 Smith, Edgar M., contractors, Leominster, Mass.  
 Smith, Edward C., architect, 39 Market, Poughkeepsie, N. Y.  
 Smith, Edw., & Co., varnish mfrs., 127 West av, Long Island City, N. Y.  
 Smith, Edward E., architect, Williamson Bldg., Cleveland, Ohio.  
 Smith, Edw. F., archt. iron, New Haven, Conn.  
 Smith, Edw. J., brick, Albany, N. Y.  
 Smith, Edw., Packing Co., meat, 247 Lewis, Buffalo, N. Y.  
 Smith, Edwin, masons' & bldrs.' matls., Atlantic City, N. J.  
 Smith, Edwin A., & Son, masons' & bldrs.' matls., 1017 Frankford av, Philadelphia, Pa.  
 Smith & Egge Mfg. Co., hdwe. mfrs., Bridgeport, Conn., & 258 Broadway, New York.  
 Smith-Eggers Co., carriage, Court, bet. B'way & Sycamore, Cincinnati, Ohio.  
 Smith Elec. Fixture Co., Charlotte, N. C.  
 Smith, Ellsworth E., contractor, Atlantic City, N. J.  
 Smith, Elmer D., & Co., fertilizer, Adrian, Mich.  
 Smith, Emery, & Co., testing laboratories, 651 Howard, San Francisco, Cal.  
 Smith Engineering Works, rock crushers, etc., 1154 32d, Milwaukee, Wis.  
 Smith, Enoch, contractor, Kearns Bldg., Salt Lake City, Utah.  
 Smith-Ervin & Co., rims & felloes, York, Pa.  
 Smith, F. A., Mfg. Co., auto. lamps, gas mantles, burners, etc., Rochester, N. Y.  
 Smith, F. G., piano cases, 744 Fulton, Brooklyn, N. Y.  
 Smith, F. G. C., architect, Greenwich, Conn.  
 Smith, F. H., Mfg. Co., machsts., 3047 Carroll av, Chicago, Ill.  
 Smith, F. I., canned goods, Madison, Ind.  
 Smith, F. L., machinist, Fayette, Ohio.  
 Smith, F. L., & Co., architects, 7033 Hermitage, Pittsburgh, Pa.  
 Smith, F. L., Sons, sashes, doors & blinds, Clarkeville, Tenn.  
 Smith, F. M., architect, Fostoria, Ohio.  
 Smith, F. M., & Son, cornices & skylights, Fremont, Neb.  
 Smith, F. M., masons' & bldrs.' matls., Pontiac, Ill.  
 Smith, F. P., & Co., belt fasteners, wire goods, etc., Sharon Hill, Pa.  
 Smith, F. P., Wire & Iron Works, Lake & Dearborn, Chicago, Ill. *See adv index at end of book*  
 Smith, F. V., Inc., contractor, Lafayette av & Westchester creek, New York.  
 Smith, F. W., canned goods, Belcamp, Md.  
 Smith Facing & Supply Co., foundry facings, Columbia Bldg., Cleveland, Ohio.  
 Smith, Fasset & Co., lumber mfrs., North Tonawanda, N. Y.  
 Smith Fence & Iron Co., Waynesboro, Pa.  
 Smith, Frank, contractor, Augusta, Me.  
 Smith, Frank, & Co., masons' & bldrs.' matls., Lancaster, N. H.  
 Smith, Frank F., Metal Window Hdwe. Co., 81 Clay, Newark, N. J.  
 Smith, Frank S., contractor, Waukesha, Wis.  
 Smith, Frederick G. C., architect, Greenwich, N. Y.  
 Smith, Freeborn G., pianos, 774 Fulton, Brooklyn, N. Y.  
 Smith & Furbush Mach. Co., textile machy., supplies, etc., Hancock & Somerset, Philadelphia, Pa.  
 Smith, G. B. R., Milling Co., flour, Sherman, Tex.  
 Smith, G. L., brick, Canton, Miss.  
 Smith, G. L., & Co., hdwe. mfrs., 50 Spring, Newark, N. J.  
 Smith, G., & Son, mill & facty. supplies, 251 W. 28th, New York.  
 Smith, G. Tandy, Jr., architect, Clarksville, Tenn.  
 Smith, G. W., contractor, Fair Haven, N. J.  
 Smith, G. W., blue prints & papers, 915 Arch, Phila., Pa.  
 Smith, G. W., & Son, hockey sticks & fish net hoops, Canterbury, Conn.  
 Smith Gas Power Engng. Co., gas producers, Lexington, Richmond Co., Ohio.  
 Smith, Geo. B., machsts. & fndrs., Randolph, Wis.  
 Smith, Geo. E., cotton, woolen & worsted machy., Cohoes, N. Y.  
 Smith, Geo. H., architect, Colonial Arcade, Cleveland, Ohio.  
 Smith, Geo. H., Heating Co., 1109 Downer av, Milwaukee, Wis.  
 Smith, Geo. H., Steel Casting Co., 500 Clinton, Milwaukee, Wis.  
 Smith, Geo., Jr., contractor, Kearney, N. J.  
 Smith, Geo. L., architect, 20 Central, Boston, Mass.  
 Smith, Geo. L., Co., cornices, 108 E. Main, Louisville, Ky.  
 Smith, Geo. P., Co., sashes, doors & blinds, Charles City, Ia.  
 Smith, Gibson, contractors, Norwalk, Conn.  
 Smith Granite Co., Quincy, Mass., & Westerly, R. I.  
 Smith, Grant & Co., contractors, Seattle & Spokane, Wash.  
 Smith, Grant & Co. & Locher, contractors, Rome, N. Y.  
 Smith & Grater, masons' & bldrs.' matls., Rock Falls, Ill.  
 Smith, Green Co., masons' & bldrs.' matls., Worcester, Mass.  
 Smith & Griffiths, architects, Gerlinger Bldg., Portland, Ore.  
 Smith & Griggs Mfg. Co., machsts. & fndrs., Waterbury, Conn.  
 Smith & Guest, heating contrs., Atlanta, Ga.  
 Smith, Gus A., contrs., Bedford, Ind.  
 Smith, Gustavus L., architect, Taunton, Mass.  
 Smith, H. A., & Co., sashes, doors & blinds, Dublin, Texas.  
 Smith, H. A., Machy. Co., 384 W. Fayette, Syracuse, N. Y.  
 Smith, H. B., architect, Stonington, Me.  
 Smith, H. B., & Co., dowels, Hanover, Me.  
 Smith, H. B., Co., steam heating apparatus, boilers, radiators, mfrs., Westfield, Mass.  
 Smith, H. B., Mach. Co., machsts. & fndrs., Smithville, N. J.  
 Smith, H. B., & Co., hdwe. mfrs. (carriage), tools—pincers, wrenches, etc., Plantsville, Conn.  
 Smith, H. E., architect, Old Nat'l Bank Bldg., Spokane, Wash.  
 Smith, H. J., & Sons, glass stainers, 236 S. 8th, Philadelphia, Pa.  
 Smith, H. Lund, trunk racks & auto. turntables, Paterson, N. J.  
 Smith, H. P., & Co., stone producers, 23 Haverhill, Boston, Mass.  
 Smith, H. W., machsts. & fndrs., Anna, Ill.  
 Smith-Hardican Co., contractors, 1606 Cherry, Philadelphia, Pa.  
 Smith, Hall Hardware Co., Brownwood, Texas.  
 Smith Hardware & Mfg. Co., wire stretchers, De Kalb, Ill.  
 Smith, Harry E., architect, Lansing, Mich.  
 Smith, Harry T., architect, Free Press Bldg., Detroit, Mich.  
 Smith & Heitmeyer, architects, Atlas Bk. Bldg., Cincinnati, O.  
 Smith & Hemenway Co., tool mfrs.—whol. hdwe., 76 Chambers, New York. *See adv index at end of book*  
 Smith, Henry A., architect, 52 Vanderbilt av, New York.  
 Smith, Henry C., architect, Humboldt Bk. Bldg., San Francisco, Cal.  
 Smith, Hy., & Sons Co., contractors, German & Light, Baltimore, Md.  
 Smith & Henson, mill engrs., 10th & Westmoreland, Phila., Pa.  
 Smith, Hinchman & Grylls, architects, Wash'n Arcade, Detroit, Mich.  
 Smith, Hine, architect, Rome, Ga.  
 Smith-Holden Co., plate glass, 24 S. Water, Providence, R. I.  
 Smith & Holtum Mfg. Co., machsts. & fndrs., Clinton, Wis.  
 Smith, Homer P., mill & facty. supplies, Ashtabula, Ohio.  
 Smith, Horace H., architect, Bay State Bldg., Lawrence, Mass.  
 Smith-Howard & Co., mill & facty. supplies, Houston, Texas.  
 Smith, Howard J., & Son, contractors, 256 St. James pl. Brooklyn, N. Y.  
 Smith & Howland, architects, Union & Pleasant, New Bedford, Mass.  
 Smith, Hubbard Lbr. Co., masons' & bldrs.' matls., Wabash, Ind.  
 Smith, Hugh, patent leather, 210 Central av, Newark, N. J.  
 Smith, Hugh H., masons' & bldrs.' matls., Daly City, Cal.  
 Smith, Hugh M., & Son, contractors, Canandaigua, N. Y.  
 Smith & Hull Co., lumber, Traverse City, Mich.  
 Smith-Hutton & Krik Co., mill & facty. supplies—whol. hdwe., New Castle, Pa.  
 Smith, Ira A., machsts., Beverly, Mass.  
 Smith Iron Fndry. (Inc.), Lynn, Mass.  
 Smith, Isaac E., paper & pulp mills, St. Johnsville, N. Y.  
 Smith, Isaac O., sash, door & blind mfrs., Monticello, N. Y.  
 Smith, J. Allen, & Co., flour mills, Knoxville, Tenn.  
 Smith, J. Andre, architect, 15 E. 40th, New York.  
 Smith, J. B., handles (wood), Geneva, Ohio.  
 Smith, J. C., architect, Hellman Bldg., Los Angeles, Cal.  
 Smith, J. C., Co., carriages, 58 E. 20th, Chicago, Ill.  
 Smith, J. C., Hoe & Tool Co., Evansville, Ind.  
 Smith, J. Colby, & Son, canned goods, Willow Grove, Del.  
 Smith, J., & Co., cornices, 2755 W. 22d, Chicago, Ill.  
 Smith, J. D., Piano Co., Kansas City, Mo.  
 Smith, J. E., & Co., sash, door & blind mfrs., 65 Benedict, Waterbury, Conn.  
 Smith, J. E., Cotton Mfg. Co., Thomson, Ga.  
 Smith, J. F., & Bro., glass, sashes, doors & blinds, Galveston, Texas.  
 Smith, J. H., lumber mfrs., Clarksburg, N. Y.  
 Smith, J. H., contractor, Monadnock Bldg., San Francisco, Cal.  
 Smith, J. K., cornices & skylights, Evart, Mich.  
 Smith, J. Lee, & Co., paint colors manfrs., 19 Jacob, New York.  
 Smith, J. M., & Fitzer, masons' & bldrs.' matls., Bucyrus, Ohio.  
 Smith, J. N., lumber, Glasgow, Ky.  
 Smith, J. O., flour mills, Bumpss, Va.  
 Smith, J. O., Mfg. Co., cash boxes, varnish, hardware mfrs., Middletown, Conn.  
 Smith, J. T., canned goods, Fawn Grove, Pa.  
 Smith, J. W., architect, Monroe, La.  
 Smith, J. W., smoking pipes, Town of Union, N. J.  
 Smith, J. Wentworth, contractors, 2366 Woodhill rd, Cleveland, Ohio.  
 Smith, Jas., architect, Newport, R. I.  
 Smith, Jas. B., architect, 404 Boulevard, Rockaway Beach, N. Y.  
 Smith, Jas., & Co., mill & facty. supplies, 1820 N. 10th, Philadelphia, Pa.  
 Smith, Jas. M., htg. contrs., 6346 Stony Island av, Chicago, Ill.  
 Smith, James M., Co., machsts. & fndrs., Seymour, Conn.  
 Smith, James, & Son, grease bags, dog collars, etc., 40 Franklin av, Brooklyn, N. Y.  
 Smith, Jas., & Son, wool combs, Worcester, Mass.  
 Smith, Jas., Woolen Machy. Co., textile machy. supplies, etc., Hancock & Somerset, Philadelphia, Pa.  
 Smith, John B., & Co., mill & facty. supplies, Lewiston, Me.  
 Smith, Jno. C., Hoe & Tool Co., Evansville, Ind.  
 Smith, Jno. D., Co., heating contractors, 12 B'way, Buffalo, N. Y.  
 Smith, Jno. E., stone producers, Detroit, Mich.  
 Smith, John E., Sons Co., meat choppers & slicers, 50 B'way, Buffalo, N. Y.  
 Smith, John H., contractor, Lawrence, N. Y.  
 Smith, Jno. J., architect, Old South Bldg., Boston, Mass.  
 Smith, John, Jr., contractor, Peekskill, N. Y.  
 Smith, John L., maps, 27 N. 6th, Philadelphia, Pa.  
 Smith, John M., & Sons, wood tanks, 1425 Sp. Garden, Philadelphia, Pa.  
 Smith, John P., steam htg. contr., 148 N. 7th, Phila., Pa.  
 Smith, John P., & Co., wire goods mfrs., New Haven, Conn.



- Smith, John R., architect, Nebraska Street Bldg., Lincoln, Neb.  
 Smith, Jno. R., stone, 421 E. 103d, New York  
 Smith & Jones, mattresses, 216 E. 37th, New York  
 Smith, Joseph, architect, Anaconda, Mont.  
 Smith, Jos., & Co., stone carvers, etc., 428 E. 23d, New York  
 Smith, Jos., & Co., buckwheat flour, Stockton, N. J.  
 Smith, Jos. M., Co., masons' & bldrs.' matls., Madison, N. J.  
 Smith, Jos. N., & Co., carriage fasteners, rests, separators, etc., Detroit, Mich.  
 Smith, Joseph T., architect, 36 N. Main, Waterbury, Conn.  
 Smith, Julius A., architect, Ogden, Utah.  
 Smith, L. B., & Sons, masons' & bldrs.' matls., Exeter, N. H.  
 Smith, L. C., & Bros. Typewriter Co., Syracuse, N. Y.  
 Smith, L. C., Co., brass castings, Bridgeport, Conn.  
 Smith, L. E., cornices & skylights, Rockport, Mass.  
 Smith, L. E., & Bro., flour mills, Appomattox, Va.  
 Smith, L. E., Glass Co., Mount Pleasant, Pa.  
 Smith, L. J., egg cases, Eaton Rapids, Mich.  
 Smith, L. J., contrs., Commerce Bldg., Kansas City, Ia.  
 Smith, L. M., & Sons, patent leather, 59 Lock, Newark, N. J.  
 Smith Laboratory, chemists, Mt. Pleasant, Tenn.  
 Smith & Langmaid, machsts., Portland, Me.  
 Smith & Lawmaster, masons' & bldrs.' matls., McCutchenville, O.  
 Smith, Layton F., architect, 513 N. Charles, Baltimore, Md.  
 Smith, Leslie, lbr. mfr., West Brattleboro, Vt.  
 Smith, Levi, lubrg. oils, North Clarendon, Pa.  
 Smith Lime, Flour Co., masons' & bldrs.' matls., Elizabeth, N. J.  
 Smith Locomotive Adjustable Hub Plate Co., Pittsburg, Kans.  
 Smith & Loughlin, machsts. & fndrs., Driggs av & N. 5th, Brooklyn, N. Y.  
 Smith & Lovett Co., machsts. & fndrs., 135 Tyler, Boston, Mass.  
 Smith, Loyd J., 2nd-hand cars, 20 W. Jackson blvd, Chicago, Ill.  
 Smith, Lucien E., architect, 2 W. 47th, New York.  
 Smith Lumber Co., Meadville, Pa.  
 Smith, McCormack Co., contractors, Easton, Pa.  
 Smith & McCoy, boilers, machsts., etc., Norfolk, Va.  
 Smith, M., masons' & bldrs.' matls., Green Island, N. Y.  
 Smith, M. C., hoops—coiled elm, Moorhead, Miss.  
 Smith, M. D., & H. L. Co., bags & baggings, Dalton, Ga.  
 Smith, M. M., lbr. mfrs., N. Tonawanda, N. Y.  
 Smith, M. R., Lumber & Shingle Co., R. A. Long Bldg., Kansas City, Mo.  
 Smith, M. R., Shingle Co., lumber, Tacoma, Wash.  
 Smith, M. Z., contractor, Troy, Ohio.  
 Smith Mfg. Co., agricultural implements, La Crosse, Wis.  
 Smith, Marshall J., architect, Colorado Bldg., Washington, D. C.  
 Smith-Matthews Foundry Co., 650 Bellevue av, Detroit, Mich.  
 Smith, Mattress Co., Dayton, Ohio.  
 Smith & May, architects, Calvert Bldg., Baltimore, Md.  
 Smith, Millard F., machinist, Parsons, Kans.  
 Smith & Mills Co., shaping machines, Spring Grove av, Cincinnati, Ohio.  
 Smith, Milo, masons' & bldrs.' matls., Troy, N. Y.  
 Smith Monumental Wks., Norwalk, Ohio.  
 Smith, Morell, architect, Bank Bldg., Far Rockaway, N. Y.  
 Smith, Morton B., & Co., metal dross, scrap iron, brass, etc., 241 Front, New York.  
 Smith, Myers & Schnier Co., saw mill machinery, 621 W. Front, Cincinnati, Ohio.  
 Smith, N. A. (Est. of), machsts. & fndrs., Sunapee, N. H.  
 Smith, N., & Co., stone renovators, 131 Columbus av, New York.  
 Smith of N. Y. Co., soldering app. for rail bonding, lamps, torches, oilers, metal spinning, etc., 352 Pearl, New York.  
 Smith & Nichols, acids, oils, wax, etc., 121 Maiden la, New York.  
 Smith, Nimmo & Co., machsts., McKeesport Pa.  
 Smith & Nixon Mfg. Co., pianos, 126 W. 4th, Cincinnati, Ohio.  
 Smith, O. Everett, architect, Ashland, Ore.  
 Smith, O. F., architect, 70 Kilby, Boston, Mass.  
 Smith, O., & Sons Co., cotton batting & felts, 310 Spruce, Philadelphia, Pa.  
 Smith Organ Co., North Tonawanda, N. Y.  
 Smith, Orlando B., machsts., Frankfort, Ind.  
 Smith, Oscar B., Jr., architect, 25 Madison av, New York  
 Smith & Otis, architects, Morton Bldg., Louisville, Ky.  
 Smith, Otis A., machsts. & fndrs.—clamps, Rockfall, Conn.  
 Smith, P. B., flour mills, Pollockville, N. C.  
 Smith, P., & Co., carriages, 209 W. Austin av, Chicago, Ill.  
 Smith, P. J., Co., boot & shoe counters, Salem, Mass.  
 Smith Packing Co., meat, Colorado Springs, Colo.  
 Smith Paper Co., Lee, Mass.  
 Smith, Paul, fndrs., 558 Washington blvd, Chicago, Ill.  
 Smith, Paul R., landscape arch., 89 State, Boston, Mass.  
 Smith, Payson Lbr. Co., 911 Plymouth Bldg., Minneapolis, Minn.  
 Smith & Pearson, mill & facty. supplies, Auburn, N. Y.  
 Smith & Perry, contractors, New London, Conn.  
 Smith, Peter, Heater Co., Detroit, Mich.  
 Smith, Philip, stone, 1st & B., S. W., Washington, D. C.  
 Smith, Philip, Mfg. Co., machsts. & fndrs., Sidney, Ohio.  
 Smith-Phillips China Co., East Liverpool, Ohio.  
 Smith & Phillips Mfg. Co., machinists, 412 N. Sangamon, Chicago, Ill.  
 Smith & Pomeroy Windmill Co., machsts., Kalamazoo, Mich.  
 Smith Premier Wks., Remington Typewriter Co., Syracuse, N. Y.  
 Smith, R. F., & Son, lbr., Camden, N. J.  
 Smith, R. H., Mfg. Co., dies, meters, stamps, etc., Springfield, Mass.  
 Smith, R. J., brick, Roberts, Md.  
 Smith, R. R., Sons, contractors, Lewisville, Ind.  
 Smith, R. T., & Son, sashes, doors & blinds, Benton, Pa.  
 Smith, Rea & Lovitt, architects, Finance Bldg., Kansas City, Mo.  
 Smith & Reilly, htg. contrs., 411 New, Newark, N. J.  
 Smith, Rice Co., contractors, 148 Spear, San Francisco, Cal.  
 Smith, Richardson Co., burnishing & polishing machines, Attleboro, Mass.  
 Smith, Robert S., architect, 111 W. Monroe, Chicago, Ill.  
 Smith & Ross, architects, 15 E. 40th, New York.  
 Smith, Roswell E., architect, Morristown, Tenn.  
 Smith, Rudy, & Co., chemists, 411 Walnut, Philadelphia, Pa.  
 Smith, Rufus W., Co., fertilizer mfrs., Elmer, N. J.  
 Smith & Ruggles, contractors, 7 Clay, Baltimore, Md.  
 Smith, S. A., contractor, Elgin, Ill.  
 Smith, S. A., Mfg. Co., ladders, Brattleboro, Vt.  
 Smith, S. C., landscape architect, 107 Westminster, Providence, R. I.  
 Smith, S. L., & Co., contractors, Wilkesburg, Pa.  
 Smith, S. Morgan Co., hydraulic turbine mfrs., York, Pa.  
 See adv index at end of book.  
 Smith, S. R., contractor, Poughkeepsie, N. Y.  
 Smith, Sam'l F., stone prod., Mount Vernon, N. Y.  
 Smith, Sam'l, Mach. Co., Lawrence, Mass.  
 Smith, Sam'l, & Son Co., boilers, caissens, stills, tanks, etc., Paterson, N. J.  
 Smith Sash & door Co., 132 E. Lake, Minneapolis, Minn., & Rochester, N. Y.  
 Smith Scale Co., 611 N. Fourth, Columbus, Ohio.  
 Smith & Schwartzbeck, carriages, Tiffin, Ohio.  
 Smith, Sela A., contractor, Gary, Ind.  
 Smith, Seymour & Son, hdwe., hooks, pruning shears, etc., Oakville, Conn.  
 Smith & Sherrick, contractors, Lima, Ohio.  
 Smith & Simpson Lumber Co., Atlanta, Ga.  
 Smith & Sinclair Mach. Co., machsts., Camden, N. J.  
 Smith & Sons Co., hair pins, 102 Fifth av, New York.  
 Smith Sons Harness Co., Buffalo, N. Y.  
 Smith & Sons Mfg. Co., machsts. & fndrs.—agri'l implements, Guinotte & Lydia, Kansas City, Mo.  
 Smith Sparks Co., contractors, Houghton, Mich.  
 Smith & Stewart, architects, 244 Kearney, San Francisco, Cal.  
 Smith System Heating Co., 821 Washington av, S. E., Minneapolis, Minn.  
 Smith, T. J., turpentine, Nielly, Ga.  
 Smith, T. L., Co., concrete mixers, 1151 32d, Milwaukee, Wis.  
 Smith, T., & Son, machy. dlrs., old metals, etc., 410 3d av, Brooklyn, N. Y.  
 Smith, T. V., contractor, Norristown, Pa.  
 Smith, T. W., & E. O., architects, Columbus, Ga.  
 Smith Tablet Co., Holyoke, Mass.  
 Smith, Theo., & Son, masons' & bldrs.' matls., Phillipsburg, Kans.  
 Smith, Theo., & Sons Co., machsts. & fndrs., ft. Essex, Jersey City, N. J.  
 Smith, Thos., architect, Central Square, N. Y.  
 Smith, Thos. C., stone prod., New Britain, Conn.  
 Smith, Thos., Co., bolt, nut & rivet mfrs., Worcester, Mass.  
 Smith, Thos. J. D., glass benders, 65 Chambers, Newark, N. J.  
 Smith, Thos., Jr., lubrg. oils, 233 Water, New York.  
 Smith, Thos. W., plate glass, 1st c Ind. av, N. W., Wash., D. C.  
 Smith & Tomlinson Co., cornices & skylights, Hillsboro, Tex.  
 Smith & Thompson, contractors, 47 Park pl, Brooklyn, N. Y.  
 Smith Turpentine Co., Green Cove Spring, Fla.  
 Smith, V. R., fertilizer, Douglasville, Ga.  
 Smith, Vivian B., architect, Atlantic City, N. J.  
 Smith & Yokes, contractors, Duluth, Minn.  
 Smith, W. A., & Co., hot air furnaces, 625 Champlain, Cleve., O.  
 Smith, W. A., & Son, contractors, 188 Cannon, Bridgeport, Conn.  
 Smith, W. F., & Son, contractors, Rensselaer, Ind.  
 Smith, W. Frisbey, architect, 1345 Arch, Philadelphia, Pa.  
 Smith, W. G., contractor, 15 Florence, Buffalo, N. Y.  
 Smith, W. Grubber Co., machinists, La Crescent, Minn.  
 Smith, W. H., architect, Mass Bldg., Kansas City, Mo.  
 Smith, W. H., Hardware Co., Parkersburg, W. Va.  
 Smith, W. H., Heating Co., 34 W. 33d, New York.  
 Smith, W. L., mill & facty. supplies, Newburgh, N. Y.  
 Smith, W. P., flour, Effland, N. C.  
 Smith, W. R., machst., Gulfport, Miss.  
 Smith, W., & Sons, machsts., Lawrence, Mass.  
 Smith, W. T., Lumber Co., Chapman, Ala.  
 Smith-Wadsworth Hardware Co., Charlotte, N. C.  
 Smith-Wallace Corp., machsts. & fndrs., Woburn, Mass.  
 Smith, Walter, ties, poles & posts, Bickley, Ga.  
 Smith, Walter H., architect, Union Bldg., Cleveland, Ohio.  
 Smith, Walter J., architect, Bluefield, W. Va.  
 Smith-Watkins-Darnaby Co., mill & facty. supps., Lexington, Ky.  
 Smith & Watson Iron Wks., Portland, Ore.  
 Smith Webbing Co., Pawtucket, R. I.  
 Smith, Werner G., Co., core oils, Hird & Detroit, Cleveland, O.  
 Smith & Wesson, machsts., Springfield, Mass.  
 Smith Wheel, Inc., 101 N. Geddes, Syracuse, N. Y.  
 Smith, Whitcomb & Cook Co., mill & facty. supplies, Barre, Vt.  
 Smith, Wm. (Est of), carriages, Burlington, Vt.  
 Smith, Wm. A., hod elevators, 282 E. 141st, New York.  
 Smith, Wm. A., cornices, Lima, Ohio.  
 Smith, Wm. B., architect, Huntington, W. Va.  
 Smith, Wm., & Co., brick, Middletown, Ohio.  
 Smith, Wm. D., architect, 52 Vanderbilt av, New York.



- Smith, Wm. J., architect, 2502 Strand, Galveston, Tex.  
 Smith, Wm. M., lbr., Alpine, Pa.  
 Smith, Wm. Neil, architect, 101 Park av, New York.  
 Smith, Wm., & Soh Co., stone producers, Ashtabula, Ohio.  
 Smith, Wm. W., architect, 82 Wall, New York.  
 Smith & Williams Co., motor boat, launch & yacht bldrs., Salisbury, Md.  
 Smith, Wilson J., contractor, Wilkes-Barre, Pa.  
 Smith-Winchester Co., mill & facty. supplies—wholesale bdwe., Jackson, Mich.  
 Smith & Winchester Mfg. Co., paper & pulp mill machy., etc., So. Windham, Conn.  
 Smith, Winfield H., boiler flue cleaners, pumping engines, Buffalo, N. Y.  
 Smith, Worthington Co., horse collars, Hartford, Conn.  
 Smith & Wyman Co., sashes, doors & blinds, 3d av & 8th, Minneapolis, Minn.  
 Smith-Yingling Co., canned goods, Westminster, Md.  
 Smither, Henry C., Roofing Co., 430 S. Meridian, Indianapolis, Ind.  
 Smitheren Co., liquid soap dispensers, 4523 Cottage Grove av, Chicago, Ill.  
 Smithfield Brick & Tile Co., Smithfield, Utah.  
 Smithfield Garage & Machine Co., Smithfield, N. C.  
 Smithfield Packing Co., meat packers, Suffolk, Va.  
 Smithfield's Pure Food Co., canned goods, Clarkson, N. Y.  
 Smithonia Oil & Fertilizing Co., Smithonia, Ga.  
 Smith's, C. C., Sons Co., whol. hdwe., Terre Haute, Ind.  
 Smith's, H., Sons, carriages, Manteno, Ill.  
 Smith's, Hy., Sons, horse collars, New Haven, Conn.  
 Smith's, John E., Sons Co., butchers' machy. & supplies, Buffalo, N. Y.  
 Smith's, P., & Sons Lumber Co., Newark, Ohio.  
 Smith's, R. R., Sons, contractors, Lewisville, Ind.  
 Smith's, S. W., Son, contractors, White Plains, N. Y.  
 S. & M. Lamp Co., Los Angeles, Cal.  
 Smoak, J. W., machst. & fndr., Orangeburg, S. C.  
 Smoth, Benj. L., contractor, Asbury Park, N. J.  
 Smock, F. C., contractor, Lemcke Bldg., Indianapolis, Ind.  
 Smoky Valley Roller Mills, Lindsborg, Kans.  
 Smolk, Edw., Plumbing Supply Co., 231 E. 33d, New York.  
 Smoot, C. C., & Sons Co., belting butts, Alexandria, Va.  
 Smoot & Sheehan, contractors, Lynchburg, Va.  
 Smoot, W. A., & Co., masons' & bldrs.' matls., Alexandria, Va.  
 Smooth-On Mfg. Co., cements, compounds, hardeners, etc., 570 Communipaw av, Jersey City, N. J.  
 Smouse, Thos. F., lbr., Cumberland, Md.  
 Smucker, J. M., canned goods, Orrville, Ohio.  
 Smurr & Kamen Mach. Co., 313 N. Whipple, Chicago, Ill.  
 Smyers, Geo. W., sash, door & blind, Dubois, Pa.  
 Smyser, Royer Co., iron works, York, Pa.  
 Smyser's, E. G., Sons, archl. iron, 217 W. Madison, Balto., Md.  
 Smyth-Despard Co., belting, mill & facty. supplies, Utica, N. Y.  
 Smyth-Donagan Co., mill & facty. & plumbers' supplies—jobbers, 247 St. Marks av, Brooklyn, N. Y.  
 Smyth Mfg. Co., book binders' machy., Hartford, Conn.  
 Smyth, Neptune B., Inc., contractor, 417 E. 34th, New York.  
 Smyth, Wm., glass stainers, 620 N. Eutaw, Baltimore, Md.  
 Smythe, John M., Mdse. Co., 663 W. Wash. blvd, Chicago, Ill.  
 Smythe, S. R., Co., engrs. & contrs., House Bldg., Pittsburgh, Pa.  
 Snader, D. L., architect, Valparaiso, Ind.  
 Snaman, Wm. E., architect, Empire Bldg., Pittsburgh, Pa.  
 Snap Detachable Belt Fastener Co., 301 Market, Newark, N. J.  
 Snappy Fdry. Co., machsts. & fndrs., Winchester, Va.  
 Snapp, W. L., carriages, Princeton, Ind.  
 Snare & Triest Co., steel structural wk., Woolworth Bldg., New York.  
 Snead Architectural Iron Wks., 10th & Hill Sts., Louisville, Ky.  
 Snead & Co. Iron Works, Inc., racks, show cases, etc., 98 Pine, Jersey City, N. J.  
 Senad, W. B., & Co., contractors, Lynchburg, Va.  
 Sneath Glass Co., Hartford City, Conn.  
 Sneddon, D. M., Co., bldg. contrs., 972 Kinnickinnic av, Milwaukee, Wis.  
 Snedeker Bros., brick, Haverstraw, N. Y.  
 Snedeker, J. Vorhees, Jr., architect, 123 Bull, Savannah, Ga.  
 Snedan, Arthur Durant, architect, 149 B'way, New York.  
 Snelbaker, W. B., stone producer, Woodbury, N. J.  
 Snell & Atherton, leather gauges, knives, tools, Brockton, Mass.  
 Snell, C. R., & Sons Co., masons' & bldrs.' matls., Herkimer, N. Y.  
 Snell, Frank S., architect, 2214 W. 14th, Los Angeles, Cal.  
 Snell, Geo. H., masons' & bldrs.' matls., Walla Walla, Wash.  
 Snell Gro. & Hardware Co., Harrisonburg, Va.  
 Snell, J. M., & Sons, masons' & bldrs.' matls., Harrisburg, Va.  
 Snell, Jno. H., & Sons, machsts., Hamburg, Pa.  
 Snell Mill & Grain Co., Clay Center, Kans.  
 Snell Mfg. Co., augers, bits, countersinks, nails, punches, etc., Fiskdale, Mass.  
 Snell, R. D., contractor, Albany, Ore.  
 Snelling & Metcalfe, architects, 15 W. 38th, New York.  
 Snelling & Son, carbon paper & typewriter ribbons, 225 34th, Brooklyn, N. Y.  
 Snider, C. H., architect, Fairmont, W. Va.  
 Snider & Druker, contractors, 18 Tremont, Boston, Mass.  
 Snider, Edw., brick, Uniontown, Pa.  
 Snider-Flautt Lumber Co., Somerset, Ohio.  
 Snider, J. J., Lbr. Co., Taylor av, Columbus, Ohio.  
 Snider, T. A., Preserve Co., canners, 168 N. Michigan av, Chicago, Ill.  
 Snohomish Dairy Products Co., canned goods, Snohomish, Wash.  
 Snohomish Iron Works, machsts & fndrs., Snohomish, Wash.  
 Snook, John B., Sons, architects, 261 B'way, New York.  
 Snook & Sons, sashes, doors & blinds, Ottumwa, Ia.  
 Snook & Traver, contractors, Salem, Ore.  
 Snover Mfg. Co., fireplace dampers, Freeport, Ill.  
 Snow, Abbott L., packing box mfrs., 400 Border, E. Boston, Mass.  
 Snow & Barkley, screw machine products, 253 B'way, New York  
*See adv index at end of book.*  
 Snow, E. A., architect, 18 Tremont, Boston, Mass.  
 Snow, E. W., & Co., enclosed fuses, Rochester, N. Y.  
 Snow, F. A., Co., contractors, 79 Milk, Boston, Mass.  
 Snow Flake Axle Grease Co., Fitchburg, Mass.  
 Snow Flake Canning Co., Brunswick, Me.  
 Snow Flake Salt Co., 119 Fulton, New York.  
 Snow, Franklin A., Co., window screens, 79 Milk, Boston, Mass.  
 Snow, Geo. E., contr., 5415 Central, Los Angeles, Cal.  
 Snow & Goliani, machsts. & fndrs.' supplies, 537 2d, San Francisco, Cal.  
 Snow & Goodfellow, machsts. & fndrs., Blaine, Wash.  
 Snow, I. L., & Co., ship bldrs., Rockland, Me.  
 Snow Lbr. Co., Highpoint, N. C.  
 Snow & Nealley Co., mill & facty. supplies, Bangor, Me.  
 Snow & Petrelli Mfg. Co., machsts., New Haven, Conn.  
 Snow, S. M., mill engineers, Boston, Mass.  
 Snow, Sam'l E., bldg. contr., 16 Tilden, Lowell, Mass.  
 Snow Shoe Fire Brick Co., Snow Shoe, Pa.  
 Snow Steam Pump Wks., machsts. & fndrs., Buffalo, N. Y.  
 Snow, T. W., Const. Co., ditcher & grader, & water columns, 537 S. Dearborn, Chicago, Ill.  
 Snow, Tom, Heating & Roofing Co., cornices & skylights, Chattanooga, Tenn.  
 Snow, Walter B., advtg. counsellors, 136 Federal, Boston, Mass.  
 Snow, Wm. A. Iron Works (Inc.), ornamental iron work & iron fences, 19 Portland, Boston, Mass.  
 Snow Wire Wks. Co., Rochester, N. Y.  
 Snowden, A. D., & Bros., flour mills, Irvine, Ky.  
 Snowden Bros., machsts. & fndrs., Hughesville, Pa.  
 Snowden, T. H., brick & lbr. mfrs., Hawkinsville, Ga.  
 Snowden, Geo., leaded glass, Utica, N. Y.  
 Snowville Milling Co., flour, Snowville, Va.  
 Snyder, A. B., architect, Emuire Bldg., Pittsburgh, Pa.  
 Snyder & Baker, architects, 1st Nat'l Bk. Bldg., Shreveport, La.  
 Snyder & Barnett, contractors, Frankfort, Ind.  
 Snyder, C. J., lumber, Millersburg, Pa.  
 Snyder Co., sashes, doors & blinds, Hutchinson, Kans.  
 Snyder, D. D., & Co., carriages, Danville, Ill.  
 Snyder, E. C., sashes, doors & blinds, Harrisburg, Pa.  
 Snyder, E. F., slate laundry tubs, Slatington, Pa.  
 Snyder, Edw. H., front brick, Hanover, Pa.  
 Snyder Elec. Furnace Co., 53 W. Jackson blvd, Chicago, Ill.  
 Snyder, E. Edw., braces (screen doors), Massillon, Ohio.  
 Snyder, Frank Co., archl. iron, 513 E. N. W., Washington, D. C.  
 Snyder, Frank W., Contrg. Co., stone producers, 372 Grove, Newark, N. J.  
 Snyder-Gillett Contr. Co., Niagara Falls, N. Y.  
 Snyder, H. F., fndrs., Churchville, N. Y.  
 Snyder, H. P., Mfg. Co., machsts., Little Falls, N. Y.  
 Snyder, Harry M., Roofing Co., cornices & skylights, Spokane, Wash.  
 Snyder, Hy. J., lumber, Pottstown, Pa.  
 Snyder Hunt Co., porcelain insulators, Belle Plaine, Ia.  
 Snyder, J., contractor, 4436 Forest av, Cincinnati, Ohio.  
 Snyder, J. B., contractor, Everett, Wash.  
 Snyder, J. C., masons' & bldrs.' matls., Fulton, Ill.  
 Snyder, J. E., & Son, drilling machines, Worcester, Mass.  
 Snyder, J. O., contractor, Homestead, Pa.  
 Snyder, J. W., Co., contractors, 122 S. Michigan av, Chicago, Ill.  
 Snyder, Jos. B., contractor, Muncie, Ind.  
 Snyder, Kirby T., architect, Plymouth Bldg., Minneapolis, Minn.  
 Snyder, Lew V., contractor, 205 Ionic, Philadelphia, Pa.  
 Snyder, Louis B., cornices, Homestead, Pa.  
 Snyder, M. L., & Son, mill & facty. supplies, 223 Church, Philadelphia, Pa.  
 Snyder, M. V., contractor, Bethlehem, Pa.  
 Snyder, Paul J., & Co., Bailey Bldg., Philadelphia, Pa.  
 Snyder, Ralph, architect, Hayden Bldg., Columbus, Ohio.  
 Snyder, Robt. W., architect, 516 Spruce, Scranton, Pa.  
 Snyder Roofing Co., Zanesville, Ohio.  
 Snyder, Sam'l, architect, Chippewa Falls, Wis.  
 Snyder Steel & Iron Wks. Co., transfer tables, Kansas City, Mo.  
 Snyder, T. H., & Co., soap, 8 E. 3d, Cincinnati, Ohio.  
 Snyder, Thos. L., machsts. & fndrs., Pillow, Pa.  
 Snyder, W. P., & Co., iron ore & coke, Oliver Bldg., Pittsburgh, Pa.  
 Snyder, W. W., Mfg. Co., straw board, Cohoes, N. Y.  
 Snyder Wagon Co., Ltd., Shreveport, La.  
 Snyder, Wm. F., architect, Radford Bldg., Yonkers, N. Y.  
 Snyder, Wm. H., grain elevator builders, Carey, Ohio.  
 Snyder, Wm. H., Co., engravers' metal plates, 247 Centre, New York.  
 Soap Gazette & Perfumer, trade publication, 108 Fulton, New York.



- Soapitor Co., 154 W. 14th, New York  
 Sobel & Kraus, cornices, 307 W. 117th, New York.  
 Sober, C. K., acet. gas machines, Lewisburg, Pa.  
 Sobkowiak, Frank, masons' & bldrs.' mats., La Crosse, Wis.  
 S. O. & C. Co., shoe eyelets, Ansonia, Conn.  
 Social Circle Mfg. Co., fertilizer, Social Circle.  
 Society of Shakers, sweaters, etc., Enfield, N. H.  
 Socola Rice Milling Co., 600 Decatur, New Orleans, La.  
 Sodemann Heat & Power Co., 1512 Clark av, St. Louis, Mo.  
 Soden, J. R., flour, Emporia, Kans.  
 Soderberg, Fred, architect, 1st Nat'l Bk. Bldg., Oakland, Cal.  
 Soderberg, J. A., wood pipe, Seattle, Wash.  
 Soderstrom, E., patterns & models, Wichita, Kans.  
 Sodus Canning Co., Sodus, N. Y.  
 Soetemon Bros., contractors, Yonkers, N. Y.  
 Soe, James, tubular boilers, Olympic, Wash.  
 Sofranscy, H., Co., scrap rubber, iron & steel, Allentown, Pa.  
 Sohl, Fred E., tackle blocks, Seattle, Wash.  
 Sohl, J. E. W., architect, 1901 K. N. W., Washington, D. C.  
 Sohm Elec. Co., boxes, clocks, recorders, stamps, etc., 141 W. Austin av, Chicago, Ill.  
 Sohmer & Co., pianos, 315 5th av., New York.  
 Sohn, Dan'l, Mach. Co., Rochester, N. Y.  
 Sohst, John E. W., carriages, Oakland, Cal.  
 Soisson, Jos., Fire Brick Co., Connellsville, Pa.  
 Sokup, F. J., cornices, Grand Rapids, Mich.  
 Solano Iron Wks., cross arm braces, Benicia, Cal.  
 Solar Elec. Co., elec. illuminated signs, shade holders, etc., 154 W. Lake, Chicago, Ill.  
 Solar Heater Co., Los Angeles, Cal.  
 Solar Light Co., 69 Wooster, New York.  
 Solar Metal Products Co., hollow metal & steel doors, 470 E. Star av, Columbus, Ohio, & 56 W. Lake, Chicago, Ill.  
 Solar Prism Co., prismatic glass mfrs., Cleveland, Ohio.  
 Solarine Co., metal polish, 153 N. Carpenter, Chicago, Ill.  
 Solberg, A., Lumber Co., Blooming Prairie, Minn.  
 Solderall Co., solder, etc., 143 Liberty, New York.  
 Soldwedel & Tattan, architects, 542 5th av, New York, & 421 Bergenline av, Weehawken, N. J.  
 Sole Mfg. Co., paste (soldering), 148 Chambers, New York.  
 Solfishburg's, C., Sons, brick, Aurora, Ill.  
 Solidarity Watch Case Co., 242 Chestnut, Brooklyn, N. Y.  
 Sollitt Kitchen Door, 407 Rockery Bldg., Chicago, Ill.  
 Sollitt, Oliver, Construction Co., 209 S. La Salle, Chicago, Ill.  
 Solms, Geo., Co., masons' & bldrs.' mats., Maure av, Richmond Hill, N. Y.  
 Solmsen, M., Fly Screen Co., Bayard & Nanticoke, Baltimore, Md.  
 Solomon, Jos., scrap iron, Beaver Falls, Pa.  
 Solomon, Moses, scrap iron, Beaver Falls, Pa.  
 Solomon Packing Co., canned goods, North Cove, Wash.  
 Solshine Mfg. Co., metal polish, 206 Milk, Boston, Mass.  
 So-Lumbinum Mfg. & Engng. Co., aluminum solder mfrs., 1790 Broadway, New York.  
 Solvay Process Co., chemical mfrs., (Solvay), Syracuse, N. Y.  
 Solvay Process Co., stone producers, Detroit, Mich.  
 Sombart Milling Co., flour, Boonville, Mo.  
 Somers Brick Co., Atlantic City, N. J.  
 Somers Bros. Mfg. Co., concrete bldg. block mach'y, Urbana, Ill.  
 Somers, E. S., architect, 64 E. Van Buren, Chicago, Ill.  
 Somers, Fittler & Todd Co., machinery, mill & facty. supplies, 325 Water, Pittsburgh, Pa.  
 Somers, Harold, fly swatters, killers, 150 De Kalb av, Brooklyn, N. Y.  
 Somers, Jas. M., Co., rules, Bridgeport, Conn.  
 Somers Lumber Co., sash, door & blind, Atlantic City, N. J.  
 Somers Lbr. Co., Somers, Mont.  
 Somers, Patrick E., tacks, nails, etc., Worcester, Mass.  
 Somerset Canning Co., Still Pond, Md.  
 Somerset Door & Column Co., Somerset, Pa.  
 Somerset Knitting Co., bathing suit mfrs., 1 Station, Boston, Mass.  
 Somerset Milling Co., flour, Somerset, Ky.  
 Somerset Packing Co., canned goods, Upper Fairmount, Md.  
 Somerset Rubber Reclaiming Wks., New Brunswick, N. J.  
 Somerset Stone Co., Johnstown, Pa.  
 Somerset Stove Foundry Co., Somerset, Mass.  
 Somersworth Fdry. Co., Salmon Falls, N. H.  
 Somersworth Grain Co., masons' & bldrs.' mats., Somersworth, N. H.  
 Somervell, W. M., architect, White Bldg., Seattle, Wash.  
 Somerville Iron Fdry. Co., Somerville, Mass.  
 Somerville Iron Wks., mchsts. & fndrs., Somerville, N. J.  
 Somerville Stove Wks., Somerville, N. J.  
 Somerville, Thos., Co., plumbers' & steamfitters' supplies, 312 13th, N. W., Washington, D. C.  
 Somerville, Wm. L., architect, 331 Madison av, New York.  
 Somersworth Fdry. Co., Salmon Falls, N. H.  
 Somes & Parsons, architects, 1 Beacon, Boston, & 145 Munroe, Lynn, Mass.  
 Sommer, H. F., & Co., patent leather, 219 Hamburg pl, Newark, N. J.  
 Sommer, J. L., & Co., shoe horns, Newark, N. J.  
 Sommer, John, Faucet Co., woodenware mfrs., 355 Central av, Newark, N. J.  
 Sommer Motor Co., machsts., Bucyrus, Ohio.  
 Sommerfeld, A., cornices 4077 Pk. av, New York.  
 Sommerfeld Mach. & Mfg. Co., glass presses, 216 2d av, Pittsburgh, Pa.  
 Sommerfeld & Steckler, architects, 31 Union sq. New York.  
 Sommers Bros. Match Co., Saginaw, Mich.  
 Sommers Hardware Co., Clarksdale, Miss.  
 Somerville Brattice Cloth Co., 290 Front, New York.  
 Somerville Elevator Co., 156 W. 30th, New York.  
 Somerville Iron & Bronze Co., 5641 Butler, Pittsburgh, Pa.  
 Somonds Mfg. Co., mill & facty. supplies, 402 Occidental av, Seattle, Wash.  
 Soncrant, Leon, contractor, Wyandotte, Mich.  
 Sondheimer, E., Co., lumber, Memphis, Tenn.  
 Sones, C. W., lumber, Williamsport, Pa.  
 Sonestown Mfg. Co., clothes pins, Williamsport, Pa.  
 Sonn, A. L., Brush Co., Troy, N. Y.  
 Sonneborn, L., Sons, oils, paints, polishes, etc., 262 Pearl, New York.  
 Sönneman, C. G., & Son, lumber mfrs., Vandalia, Ill.  
 Sonnemann, Alex. H., architect, 1334 H, N. W., Washington, D. C.  
 Sonnenberg, Jos., architect, Irvington, N. J.  
 Sonner, P. J., contractor, Plymouth, Bldg., Minneapolis, Minn.  
 Sonnhalter Sand & Stone Co., Massillon, Ohio.  
 Sonntag, Geo. W., masons' & bldrs.' mats., Evansville, Ind.  
 Sonoma Magnesite Co., Humboldt Bank Bldg., San Francisco, Cal.  
 Sonora Chime Co., 106 Reade, New York.  
 Sonora Phonograph Corp., talking machines, 50 B'way, New York.  
 Soo Hardware Co., Sault Saint Marie, Mich.  
 Soo Woolen Mills, lumbermen's socks, Sault Ste Marie, Mich.  
 Soper, A. C., Co., canned goods, Farmingdale, N. J.  
 Soper Box Co., 2204 Loomis, Chicago, Ill.  
 Soper, F. J., architect, 610 S. B'way, Los Angeles, Cal.  
 Soper, Geo. E., machst. & fndr., Kankakee, Ill.  
 Soper Lumber Co., 2204 Loomis, Chicago, Ill.  
 Soperton Guano Co., Soperton, Ga.  
 Soracco, John J., scrap iron & steel, 116 3d av, Pittsburgh, Pa.  
 Soraci Contr. Co., 170 B'way, New York.  
 Soren & Kelman, contractors, 230 Saratoga, Providence, R. I.  
 Sorensen, Chas. F., architect, 3325 Fullerton av, Chicago, Ill.  
 Sorensen, H. P., contractor, 13th & Harrison, Omaha, Neb.  
 Sorensen, P., automatic switches, watch demagnetizers, etc., 18 Dunham pl, Brooklyn, N. Y.  
 Sorenson, C. M., surgical instruments, 1556 3d av, New York.  
 Sorenson, Gilbert, boilers, Casselton, N. D.  
 Sorenson, Louis, contractor, 189 W. Madison, Chicago, Ill.  
 Sorenson, N. C., architect, Albert Lea, Minn.  
 Sorenson, O. J., store & bar fixtures, La Crosse, Wis.  
 Sorenson, Walter, contractor, Berkeley, Cal.  
 Song, Paul A., Paper Co., Middletown, Ohio.  
 Sorge, A., Jr., & Co., steam traps, exhaust heads, Monadnock Bldg., Chicago, Ill.  
 Sorrell, Richard H., contractor, 329 N. S. W., Washington, D. C.  
 Sosman & Landis Co., scenic artists, 417 S. Clinton, Chicago, Ill.  
 Soss Mfg. Co., die casting machines, hinges, etc., 435 Atlantic av, Brooklyn, N. Y.  
 Sotter Bros., boilers, fndry. cupolas, heating contrs., tanks, etc., Pottstown, Pa.  
 Soucie, A., contractor, Medina, N. Y.  
 Soudan Specialty Mfg. Co., disinfectants, 961 Alexander, Milwaukee, Wis.  
 Souden & Morrison, granite, S. Quincy, Quincy, Mass.  
 Souder, C. P., architect, Niles, Ohio.  
 Souder & Crouthamel, masons' & bldrs.' mats., Souderton, Pa.  
 Souder, E. A., & Co., lbr., Franklin Bank Bldg., Phila., Pa.  
 Souder, F. M., stone, Millville, N. J.  
 Souder, Uriah H., lbr. mfrs., Souderton, Pa.  
 Souders, Byron, contractor, Atlanta, Ga.  
 Soule, L. P., & Son Co., contractors, 40 Central, Boston, Mass.  
 Soule, R. Spencer, architect, Hennen Bldg., New Orleans, La.  
 Soule Steam Feed Wks., Meridian, Miss.  
 Soule, Thomas H., architect, Caldwell, Idaho.  
 Soule, Turney, masons' & bldrs.' mats., New Milford, Conn.  
 Soule, Winsor, architect, 1206 State, Santa Barbara, Cal.  
 Sound Construction & Engineering Co., Hearst Bldg., San Francisco, Cal., & Seattle, Wash.  
 Sound Lumber Co., Seattle, Wash.  
 Sousley & Botkin, contractors, Ada, Ohio.  
 Soutar, R., contractor, Lake Geneva, Wis.  
 Soutar & Ritchie, contractors, Troy, N. Y.  
 South Alabama Fertilizer Co., Samson, Ala.  
 South Amboy Lumber & Supply Co., South Amboy, N. J.  
 South Amboy Terra Cotta Co., 150 Nassau, New York.  
 South Atlantic Blow Pipe & Sheet Metal Co., Savannah, Ga.  
 South Atlantic Fertilizer Co., Augusta, Ga.  
 South Atlantic Guano Co., fertilizer mfrs., Atlanta, Ga.  
 South Atlantic Packing & Provision Co., Savannah, Ga.  
 South Bend Bait Co., fishing tackle mfrs., South Bend, Ind.  
 South Bend Boiler Wks., steel tanks, South Bend, Ind.  
 South Bend Chilled Plow Co., plow stocks, South Bend, Ind.  
 South Bend Current Control Co., electrical specialties, South Bend, Ind.  
 South Bend Dowel Works, automatic furnishings and wood specialties, South Bend, Ind.  
 South Bend Foundry Co., South Bend, Ind.



- South Bend Lathe Works, 426 E. Madison, South Bend, Ind.  
 South Bend Mills & Timber Co., lumber, South Bend, Wash.  
 South Bend Motor Car Wks., South Bend, Ind.  
 South Bend Paper Co., paper bag machy., South Bend, Ind.  
 South Bend Spark Arrester Co., South Bend, Ind.  
 South Bend Spring Wagon & Carriage Co., auto. metal bodies, South Bend, Ind.  
 South Bend Supply Co., mill & facty. supplies, South Bend, Ind.  
 South Bend Toy Mfg. Co., South Bend, Ind.  
 South Bend Watch Co., machsts., South Bend, Ind.  
 South Carolina Pottery Co., North Augusta, S. C.  
 South Chester Tube Co., Pipe Mills, Chester, Pa.  
 South Coast Canning Co., Long Beach, Cal.  
 South Coventry Paper Co., South Coventry, Conn.  
 South Dakota Prov. Co., meat, Sioux Falls, S. D.  
 South Dakota State College, engrag. school & coll., Brookings, S. D.  
 South End Machine Co., Akron, Ohio.  
 South Fla. Fdry. & Mach. Works, Orlando, Fla.  
 South Fork Fire Brick Co., South Fork, Pa.  
 South Fork Fdry. & Mach. Wks., mine car wheels, South Fork, Pa.  
 South Gardiner Lbr. Co., South Gardiner, Me.  
 South Georgian Buggy Co., Valdosta, Ga.  
 South Georgia Fertilizer Co., McRae, Ga.  
 South Georgia Lumber Co., Quitman, Ga.  
 South Halsted Street Iron Wks., 2607 S. Halsted, Chicago, Ill.  
 South Haven Preserving Co., South Haven, Mich.  
 South Jersey Canning Co., Pedricktown, N. J.  
 South Jersey Farmers' Exchange, fertilizer mfrs., Woodstown, N. J.  
 South Lebanon Canning Co., South Lebanon, O.  
 South Memphis Brick Co., Memphis, Tenn.  
 South Park Foundry & Machine Co., Pioneer Bldg., St. Paul, Minn.  
 South Park Mfg. Co., machsts. & fndrs., Port Huron, Mich.  
 South Penn. Bldg. Co., Uniontown, Pa.  
 South Pittsburgh Fdry. Co., South Pittsburgh, Tenn.  
 South River Brick Co., South River, N. J.  
 South St. Louis Foundry Co., derricks, hoists, etc., 7514 So. Broadway, St. Louis, Mo.  
 South San Francisco Dock Co., San Francisco, Cal.  
 South San Francisco Packing & Provision Co., meat packers, 407 Front, San Francisco, Cal.  
 South Seattle Foundry Co., Seattle, Wash.  
 South Shore Constr. Co., Erie, Pa.  
 South Side Brick Co., Richmond, Va.  
 South Side Cereal Mills, cereal foods, Ft. Wayne, Ind.  
 South Side Chandelier Co., elec. light. fix. mfrs., 5852 S. Halsted, Chicago, Ill.  
 South Side Cornice Wks., 4324 Cottage Grove av. Chicago, Ill.  
 South Side Fdry. & Machine Wks., Charleston, W. Va.  
 South Side Interior Finish Co., sash, door & blind mfrs., 5837 Laffin, Chicago, Ill.  
 South Side Malleable Casting Co., 14th av & Ry. Tracks, Milwaukee, Wis.  
 South Side Stone Co., Bloomington, Ind.  
 South Western Portland Cement Co., stone producers, El Paso, Texas.  
 South Western Refining Co., petroleum, Bigheart, Okla.  
 Southall & Co., masons' & bldrs.' matls., Marion, Ind.  
 Southall, Geo. A. & Co., masons & bldrs.' matls., Marion, Ind.  
 Southard, Chas. H., Co., bldg. materials, 9th av nr 15th, New York.  
 Southard Novelty Co., advtg. nov., Columbus, Ohio.  
 Southard, Robertson Co., stoves, Peekskill, N. Y.  
 Souther, E. E., Iron Co., Klenlin & Hamburger, St. Louis, Mo.  
 Souther, Henry, Engineering Corp., Hartford, Conn.  
 Souther, Jno., & Co., machsts. & fndrs., 101 Tremont, Boston, Mass.  
 Southerland, W. M., Bldg. Cont'g. Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Southern Aseptic Laboratories, absorbent cotton, Columbia, S. C.  
 Southern Bedding Mfg. Co., mattresses, Austin, Tex.  
 Southern Belting Co., Atlanta, Ga.  
 Southern Belting Co. of New Orleans, La., 602 S. Peters, New Orleans, La.  
 Southern Board & Paper Mills, Los Angeles, Cal.  
 Southern Boiler & Tank Wks. Co., Memphis, Tenn.  
 Southern Boiler Works, Belleville, Ill.  
 Southern Box & Lumber Co., Savannah, Ga.  
 Southern Brass Mfg. & Plating Co., Houston, Tex.  
 Southern Brick Co., Athens, Ga.  
 Southern Brick & Tile Co., Louisville, Ky.  
 Southern Bridge Co., Birmingham, Ala.  
 Southern Broom Mfg. Co., Atlanta, Ga.  
 Southern Buggy Co., carriages, High Point, & Oxford, N. C.  
 Southern Building Supply Co., Montgomery, Ala.  
 Southern California Canning Co., Ontario, Cal.  
 Southern California Fish Co., canners, Los Angeles, Cal.  
 Southern California Hardwood & Mfg. Co., 1430 S. Alameda, Los Angeles, Cal.  
 Southern California Iron & Steel Co., 4th & Mateo, Los Angeles, Cal.  
 Southern California Lime & Cement Co., Los Angeles, Cal.  
 Southern Can Co., 717 S. Wolfe, Baltimore, Md.  
 Southern Car Co., High Point, N. C.  
 Southern Carbon Co., Warren, Ohio.  
 Southern Card Clothing & Reed Co., tex. machy., Charlotte, N. C.  
 Southern Carriage Wks., Beaumont, Tex.  
 Southern Casket Co., Louisville, Ky.  
 Southern Cement Co., Birmingham, Ala.  
 Southern Chair Co., High Point, N. C.  
 Southern Chemical Co., fertilizer mfrs., Roanoke, Va.  
 Southern Clay Mfg. Co., brick, Chattanooga, Tenn.  
 Southern Coffin & Casket Co., Knoxville, Tenn.  
 Southern Construction Co., St. Petersburg, Fla.  
 Southern Constr. & Supply Co., Atlanta, Ga.  
 Southern Coop Co., Nashville, Tenn.  
 Southern Cooperage Co., Claremont, Va.  
 Southern Co-Operative Foundry Co., Rome, Ga.  
 Southern Cotton Oil Co., fertilizer mfrs., Decatur, Ala., Sparta, S. C.  
 Southern Coupon Co., books, Birmingham, Ala.  
 Southern Creosoting Co., Ltd., Slidell, La.  
 Southern Elec. Co., armature re-windings, 16 Light, Baltimore, Md.  
 Southern Elec. Co., massage vibrators, 1100 Pine, St. Louis, Mo.  
 Southern Elev. Co., machsts., Louisville, Ky.  
 Southern Engine & Boiler Wks., Jackson, Tenn.  
 Southern Engineer, Atlanta, Ga.  
 Southern Exch. Co., ties, poles, etc., 97 Warren, New York.  
 Southern Extract Co., Knoxville, Tenn.  
 Southern Extracting Co., turpentine, Georgetown, S. C.  
 Southern Fero Concrete Co., Atlanta, Ga.  
 Southern Fertilizer & Chemical Co., Savannah, Ga.  
 Southern Fertilizer Co., Louisville, Ky., Clayton, Ala., Orlando, Fla.  
 Southern Fibre Co., paper mfrs., Portsmouth, Pa.  
 Southern Fire Brick & Clay Co., 133 W. Washington, Chicago, Ill.  
 Southern Fdry. Co., Nashville, Tenn., Owensboro, Ky. & Valdosta, Ga.  
 Southern Fdry. & Mach. Co., Lexington, Tenn.  
 Southern Furniture Co., Texarkana, Tex.  
 Southern Graphite Co., Ashland, Ala.  
 Southern Grocer Co., Ltd., masons' & bldrs.' matls., Monroe, La.  
 Southern Gypsum Co., wall plaster & stucco mfrs., North Holston, Va.  
 Southern Hardware Co., Charlotte, N. C.  
 Southern Hardware Co., Ltd., Monroe, La.  
 Southern Hardware Mfg. Co., Whitaker, N. C.  
 Southern Heating Co., Memphis, Tenn.  
 Southern Illinois Machine & Foundry Co., Murphysboro, Ill.  
 Southern Illinois Milling & Elevator Co., flour, Murphysboro, Ill.  
 Southern Ind. Mfg. Co., lbr., Birds Eye, Ind.  
 Southern Iron & Commission Co., Birmingham, Ala.  
 Southern Iron & Equipment Co., machsts. & fndrs., Atlanta, Ga.  
 Southern Lumber Co., Clayton, Ga., Memphis, Tenn., Myrtis, La. & Warren, Ark.  
 Southern Lumber & Supply Co., Paulding, O.  
 Southern Mach. Wks., 835 Tchoupitoulas, New Orleans, La. & Albany, Ga.  
 Southern Mfg. Co., machs. & fndrs., Columbus, Miss.  
 Southern Mfg. Co., flannels, Athens, Ga.  
 Southern Mfg. Co., sashes, doors & blinds, Gadsden, Ala.  
 Southern Marble Co., Worcester, Mass.  
 Southern Marble & Granite Co., Spartansburg, S. C.  
 Southern Mattress Wks., 1109 Annunciation, New Orleans, La.  
 Southern Metal & Fndry. Corp., Portsmouth, Va.  
 Southern Mill Supply Co., Nashville, Tenn.  
 Southern Milling Co., flour, Nashville, Tenn.  
 Southern Mills Corp., cordage & twine mfrs., Oxford, Ala.  
 Southern Novelty Co., cloth tubes, Hartsville, S. C.  
 Southern Oil Corp., Tulsa, Okla.  
 Southern Oil & Fertz. Co., Meridian, Miss.  
 Southern Oil & Ink Co., Savannah, Ga.  
 Southern Oregon Co., canned goods & lumber, Empire, Ore.  
 Southern Pacific Ry. Shops, machsts. & fndrs., New Orleans, La.  
 Southern Paint & Varnish Wks., Atlanta, Ga.  
 Southern Paper Co., Moss Point, Miss.  
 Southern Paving Construction Co., Chattanooga, Tenn.  
 Southern Paving Gravel Co., Savannah, Ga.  
 Southern Piano & Organ Co., Houston, Tex.  
 Southern Pine Co., Savannah, Ga.  
 Southern Pine Lumber Co., Montgomery, Ala. & Texarkana, Ark.  
 Southern Pine Mfg. Co., cross arms, Paducah, Ky.  
 Southern Pipe & Fdry. Co., grey iron castings, Knoxville, Tenn.  
 Southern Plow Co., Dallas, Tex.  
 Southern Plow Co., plow stocks, Columbus, Ga.  
 Southern Press Cloth Mfg. Co., Augusta, Ga.  
 Southern Product Co., canned goods, Seminary, Miss.  
 Southern Railway Supply Co., mill & factory supply, wholesale, 1323 E. Main, Richmond, Va.  
 Southern Railway Supply & Equipment Co., 113 N. 2nd, St. Louis, Mo.  
 Southern Refining Co., fertilizer, Athens, Ga.  
 Southern Refining Co., lubricating oils & greases, Los Angeles, Cal.  
 Southern Refining & Mfg. Co., Terminal Tracks nr. Frenchman, New Orleans, La.  
 Southern Rice Milling Co., 325 N. Peters, New Orleans, La.



- Southern Rock Island Plow Co., Dallas, Tex.  
 Southern Roller Stave & Heading Co., Elizabeth City, N. C.  
 Southern-Rome Co., metal bedsteads mfrs., Baltimore, Md.  
 Southern Saddlery Co., Chattanooga, Tenn.  
 Southern Sand & Gravel Co., Richmond, Va.  
 Southern Saw & Machinery Works, East Point, Ga.  
 Southern Saw Mill Co., Thomasville, Ga., & Whitney Bldg., New Orleans, La.  
 Southern Seating & Cabinet Co., car seats, chairs & fittings, Jackson, Tenn.  
 Southern Seed Co., acid phosphate, Louisville, Ky.  
 Southern Sewer Pipe Co., Birmingham, Ala.  
 Southern Skein & Foundry Co., Chattanooga, Tenn.  
 Southern Spoke & Mfg. Co., Shelby, Miss.  
 Southern Spring Bed Co., Atlanta, Ga.  
 Southern Stained Glass Co., 620 N. Eutaw, Baltimore, Md.  
 Southern Stamp Co., Little Rock, Ark.  
 Southern States Bag Co., Jacksonville, Fla.  
 Southern States Lime Corp., Charleston, S. C.  
 Southern States Lumber Co., Pensacola, Fla.  
 Southern States Phosphate & Fertilizer Co., Augusta, Ga.  
 Southern States Portland Cement Co., Rockmart, Ga.  
 Southern States Supply Co., mill & facty. & plumbers' supplies, Columbia, S. C.  
 Southern Stove Wks., Evansville, Ind.  
 Southern Stove Works, store mfrs., Richmond, Va.  
 Southern Structural Steel Co., San Antonio, Tex.  
 Southern Supply Co., mill & factory supplies, Norfolk, Va.  
 Southern Supply Co., plumbers' supplies—jobbers, Calvert & Sara, Baltimore, Md.  
 Southern Sweat Pad Co., Evansville, Ind.  
 Southern Syrup Co., canners, Montgomery, Ala.  
 Southern Tent & Awning Co., Lexington, Ky.  
 Southern Textile Machy. Co., Paducah, Ky.  
 Southern Tile & Brick Wks., Jackson, Tenn.  
 Southern Torpedo Co., Parkersburg, W. Va.  
 Southern Trading Co., mill & facty. supplies, Fort Worth, Tex.  
 Southern Trunk Co., Knoxville, Tenn.  
 Southern Welding & Reclaiming Co., Birmingham, Ala.  
 Southern Wheel Co., machsts. & fndrs., Railway Exch. Bldg., St. Louis, Mo.  
 Southern Wheel Stock Co., Ironton, Ohio.  
 Southern Wire & Iron Works, settees & chairs, lawn, Atlanta, Ga.  
 Southern Wis. Fndry. Co., Madison, Wis.  
 Southern Wood Preserving Co., ties, poles & posts & wood paving blocks, Fort McPherson, & Atlanta, Ga.  
 Southey, Ernest G., architect, 983 Broad, Bridgeport, Conn.  
 Southgate, Donald W., architect, Arcade, Nashville, Tenn.  
 Southgate Press, calender pads, 87 Broad, Boston, Mass.  
 Southington Hdwe. Co., bevels, glass cutters, etc., Southington, Conn.  
 Southington Lumber & Feed Co., Southington, Conn.  
 Southington Mfg. Co., bit braces, handles, screw driver mfrs., Southington, Conn.  
 Southside Roller Mills Co., Winston-Salem, N. C.  
 Southwark Foundry & Machine Co., 430 Wash. av, Phila., Pa.  
 Southwark Mfg. Co., whitening & Paris white mfrs., Camden, N. J.  
 Southwark Scale Co., machsts. & fndrs., Camden, N. J.  
 Southwest Mfg. Co., silos, Oklahoma, Okla.  
 Southwest Plumbing Supply Co., 2030 Walnut, Kans. City, Mo.  
 Southwest Wire & Iron Works Co., mining screens, 1811 Wyandotte, Kansas City, Mo.  
 Southwestern Broom Mfg. Co., Evansville, Ind.  
 Southwestern Mfg. Co., machsts. & fndrs., Okla., Okla.  
 Southwestern Mechanical Co., Ft. Worth, Tex.  
 Southwestern Portland Cement Co., El Paso, Tex.  
 Southwestern Sash & Door Co., Phoenix, Ariz.  
 Southwick, Geo., belt tighteners, 9 Maiden la, New York.  
 Southwick, Geo. W., Co., mill & facty. supplies, Stamford, Conn.  
 Southwick, Theron T., oils, Rochester, N. Y.  
 Southworth Co., paper & pulp mills, Mittineague, Mass.  
 Southworth Mach. Co., Portland, Me.  
 Souvenir Lead Pencil Co., Cedar Rapids, Ia.  
 Souweine Mfg. Co., hand mirrors, 103 Varick, New York.  
 Soverel, S. H., contractor, Orange, N. J.  
 Sovronsky, L., scrap iron, Cambridge, Mass.  
 Soverbutt, J. S. (Est. of), carriages, Paterson, N. J.  
 Sowers, Assa, chemist, 104 John, New York  
 Sowers Mfg. Co., machsts., Buffalo, N. Y.  
 Sowle, J. E., mill & facty. supplies, Gloversville, N. Y.  
 Sowney & Bros., carriages, 16th & Wood, Phila., Pa.  
 Space-Saving Appliance Co., needle baths, 30 Sullivan, New York.  
 Spacke, F. N., Machine Co., compressors—air, Indianapolis, Ind.  
 Spackman, Henry S., Engng. Co., 2024 Arch, Philadelphia, Pa.  
 Spafford, S. E., profiling machs., Hartford, Conn.  
 Spahr, Albert H., architect, Grosse Pointe, Detroit, Mich.  
 Spabr Mfg. Co., milk bottle caps, 1423 Vine, Philadelphia, Pa.  
 Spakrs, Thos. E., contractor, Kirklin, Ind.  
 Spalding, A. G., & Bros., sporting goods mfrs., 126 Nassau, New York.  
 Spahler, W. G., & Son, turpentine, Taft, Fla. Mass.  
 Spalding Canning Co., Griffin, Ga.  
 Spalding Construction Co., Rialto Bldg., San Francisco, Cal.  
 Spalding Fndry. Co., Atlanta, Ga.  
 Spalding, H. M., & Son, masons' & bldrs.' matls., Troy, Pa.  
 Spalding Lumber Co., 208 S. La Salle, Chicago, Ill.  
 Spalding-Robbins Disc Plow Co., 625 Market, San Francisco, Cal.  
 Spalding & Stewart, architects, Thief River Falls, Minn.  
 Spalding Tilling Machine Co., gang plows, 1434 W. 3d, Cleveland, Ohio.  
 Spalten Bros., cornices, 1240 S. Crawford av, Chicago, Ill.  
 Spang, Chalfant & Co., machsts. & fndrs., Union Bank Bldg., Pittsburgh, Pa.  
 Spang & Co., machinists, Butler, Pa.  
 Spangler, Chas., machinists & founders, Allentown, Pa.  
 Spangler, E. J., Co., paper cups, envelopes, etc., 1237 N. Howard, Philadelphia, Pa.  
 Spangler, Fay R., architect, Rialto Bldg., San Francisco, Cal.  
 Spangler, Frank, Co., stairs, builders' supplies, Toledo, Ohio.  
 Spangler, W. H., woolen flannels & blankets, Fitzpatrick, W. Va.  
 Spanish-American Cork & Specialty Co., cork mfrs., Balto., Md.  
 Spanish Fork Canning Co., Spanish Fork, Utah.  
 Spanjer Bros., wood models, trade marks & monograms, Ft. Center, Newark, N. J.  
 Spann, Henry L., architect, 38 Ardmore pl, Buffalo, N. Y.  
 Spannake, Otto L., architect, 13 Park Row, New York.  
 Spanogle-Yeager Milling Co., flour, Lewistown, Pa.  
 Sparger Concrete Co., Seattle, Wash.  
 Spargo, Wm. T., granite, S. Quincy, Quincy, Mass.  
 Spargo Wire Co., Rome, N. Y.  
 Sparklin & Childs, architects, Law Bldg., Baltimore, Md.  
 Sparks, C. A., contractors, Danville, Ill.  
 Sparks & Evans, contractors, Abbott Bldg., Philadelphia, Pa.  
 Sparks Milling Co., flour, Alton, Ill.  
 Sparks & Murphy, machinists, Petaluna, Cal.  
 Sparks, W. J., Co., crushed stone, Mt. Vernon, Ky.  
 Sparks-Withington Co., machinists, Jackson, Mich.  
 Sparr Cereal Co., farina, Marshfield, Wis.  
 Sparr, E. E., hgt. contractor, St. Paul, Minn.  
 Sparrow, E. S., & Co., masons' & bldrs.' matls., Somerville, Mass.  
 Sparta Foundry Co., Sparta, Mich.  
 Sparta Iron Wks. Co., Sparta, Wis.  
 Sparta Mfg. Co., water stills, South Bend, Ind.  
 Sparta Mill Co., flour, Sparta, Tenn.  
 Sparta Plow Works, Sparta, Ill.  
 Sparta Roller Mill Co., Sparta, N. C.  
 Sparta Sash & Door Co., Sparta, Wis.  
 Spartan Grain & Mill Co., Spartanburg, S. C.  
 Spartan Mfg. Co., agricultural implements & corn mills, Pontiac, Ill.  
 Spartan Mills, cotton sheetings, Spartanburg, S. C.  
 Spartan Wagon & Buggy Co., Spartanburg, S. C.  
 Spartanburg Canning & Preserving Co., Spartanburg, S. C.  
 Spartanburg Fertilizer Co., Spartanburg, S. C.  
 Spartanburg Roller Mills, flour, Spartanburg, S. C.  
 Spates, S. P., & Co., masons' & bldrs.' matls., St. Paul, Minn.  
 Spates, Wm. T., cornices & skylights, Eastport, Me.  
 Spatz, H. P., cornices, 3901 Colerain av, Cincinnati, Ohio.  
 Spaulding Avery Lumber Co., Sioux City, Ia.  
 Spaulding Brass & Iron Foundry Co., Peru, Ind.  
 Spaulding, Chas. K., Logging Co., Newberg, Ore.  
 Spaulding, D. S., key rings, shears & scissors, Mansfield, Mass.  
 Spaulding, H. S., Co., sash, door & blind mfrs., Elmira, N. Y.  
 Spaulding, H. H., sash, door & blind, Hemet, Cal.  
 Spaulding, J., & Sons Co., paper & pulp mills & mill baskets, North Rochester, N. H. See adv index at end of book.  
 Spaulding, J. R., & Co., maps, Boston, Mass.  
 Spaulding, M. O., architect, Keene, N. H.  
 Spaulding Mfg. Co., ladders, Clinton, Me.  
 Spaulding Mfg. Co., automobile bldrs., Grinnell, Ia.  
 Spaulding & Metcalf, mill & facty. supplies, 532 Arch, Philadelphia, Pa.  
 Spaulding Print Paper Co., 44 Federal, Boston, Mass.  
 Spaulding, W. H., architect, 34 Bergen av, Jamaica, N. Y.  
 Spayd Bros., machinists, Van Wert, S. P. Brick Co., Exeter, Cal.  
 Speaight, Geo. W., chemicals, 248 N. 10th, Brooklyn, N. Y.  
 Speakes, P. G., Co., masons' & bldrs.' matls., 2845 2nd av, S., Minneapolis, Minn.  
 Speakman Supply & Pipe Co., jobbers, 30th & Spruce, Wilmington, Del.  
 Spear Bros., bldg. contrs., Burlington, Vt.  
 Spear, F. R., masons' & bldrs.' matls., Rockland, Me.  
 Spear Gas Mach. Mfg. Co., Los Angeles, Cal.  
 Spear, H. A., Jr., cornices, Walpole, Mass.  
 Spear, Jas., Stove & Heating Co., 1823 Market, Philadelphia, Pa.  
 Spear & Miller Co., brake shoes, 80 E. Jackson blvd., Chicago, Ill.  
 Spear, Moylan & Lasley, contractors, Toledo, Ohio.  
 Speares, Alden, Sons Co., lubrg. oils & greases, 149 B'way, New York.  
 Speare's, Alden, Sons Co., oils, Cambridge, Mass.  
 Spearin & Preston, bridge foundations & dock bldrs., 90 West, New York.  
 Spears Axle Co., 27th & Main, Wheeling, W. Va.  
 Spears, C. A., & Son, lbr. mfrs., Grand Rapids, Mich.  
 Spears, E. F., & Sons, tow, Paris, Ky.  
 Spears & Riddle Co., mill & facty. supplies, Wheeling, W. Va.  
 Special Event Film Mfrs. Co., 216 W. 42d, New York.  
 Special Fire Alarm Elec. Signal Co., 44 E. 23d, New York.  
 Special Machy. Co., Bridgeport, Conn.  
 Specialty Box Mfg. Co., folding crates, Portland, Ore.



- Specialty Device Co., cross arms, etc., 112 W. 23d, Cincinnati, O.  
 Specialty Engng. Co., buckets, conveyors, crushers, etc., Trenton & Allegheny, Philadelphia, Pa.  
 Specialty Harness Co., bow rests, Dayton, Va.  
 Specialty Knitting Wks., sweaters, 593 6th, Detroit, Mich.  
 Specialty Mach. Wks., 72 2d, San Francisco, Cal.  
 Specialty Mfg. Co., machinists, Decatur, Ill., & So. Norwalk, Conn.  
 Specialty Mfg. Co., packing, 14 E. Jackson blvd., Chicago, Ill.  
 Specialty Mfg. Co., radiator air moisteners, 1049 N. Raymond av., St. Paul, Minn.  
 Specialty Mfg. Co., surgical instruments, 15 Spruce, New York.  
 Specialty Mfg. Co., step ladders, swings, etc., Titusville, Pa.  
 Specialty Mfg. Co., mechanics' aprons, St. Anthony Park, Minn.  
 Specialty Mattress Co., Huntington, W. Va.  
 Specialty Reed Works, Spartanburg, S. C.  
 Specialty Shoe Machy Co., St. Joseph, Mo.  
 Specification Soap & Oil Co., 427 W. 13th, New York.  
 Speck Bros., contractors, Bethlehem, Pa.  
 Speck, Forest F., contractor, Bethlehem, Pa.  
 Speck, Marshall Co., mill & facty. supplies, 314 2d av., Pittsburgh, Pa.  
 Speck, Wm., machinist, 2132 Folsom, San Francisco, Cal.  
 Spedden Packing Co., James, Md.  
 Spedden Ship Bldg. Co., machsts., Boston & Kenwood, Balto., Md.  
 Spedden Supply Co., mill & facty. supplies, Boston & Kenwood av., Baltimore, Md.  
 Speddy, T. H. & Co., steel structural dealers, 85 2d, San Francisco, Cal.  
 Speecheville Brick Mfg. Co., Speecheville, Pa.  
 Speed Controller Co., 257 William, New York.  
 Speed, J. B., & Co., masons' & bldrs.' supplies, Louisville, Ky.  
 Speed & Stephenson, mill & facty. supplies, 170 Summer, Boston, Mass.  
 Speelman, Edw., contractor, Piqua, Ohio.  
 Speer Carbon Co., St. Marys, Pa.  
 Speer Hardware Co., Fort Smith, Ark.  
 Speer, L. J., & Son, contractors, Sea Isle City, N. J.  
 Speer, M. B., & Co., scrap iron & steel, 515 Reedsdale, Pittsburgh, Pa.  
 Speer, M., Iron & Metal Co., Sharon, Pa.  
 Speer, W. B., glass blowers' pipes, 107 Carson, Pittsburgh, Pa.  
 Speich Stove Repair Co., 130 W. Water, Milwaukee, Wis.  
 Speicher, D. E., machinist, Urbana, Ind.  
 Speidel, J. G., elevator, hoists & crane-mfrs., Reading, Pa.  
*See adv index at end of book.*  
 Speidell, E. E., & Son, stone, Lincoln, Neb.  
 Speiden, Chas. E., archl. iron, 620 C. S. E., Washington, D. C.  
 Speiden & Hoffman, archl. iron, Washington, D. C.  
 Speiden & Speiden, architects, 1403 N. Y. av., N. Y., Washington, D. C.  
 Speiker, Henry J., Co., contractors, 409 Michigan, Toledo, Ohio.  
 Speirs Bros., boilers, tanks, etc., New London, Conn.  
 Speke Constr. Co., 56 Park Row, Stamford, Conn.  
 Spellman & Co., masons' & bldrs.' matls., Lincoln, Ill.  
 Spellman, Jas. F., & Sons Co., dock bldrs., Bangor, Me.  
 Spellman, Jos. R., metallurgical engrs., 300 W. 21st, New York.  
 Spena, John, machinists, Wakeeny, Kan.  
 Spence-Baggs Stove Co., Martin's Ferry, Ohio.  
 Spence, Bell & Co., glass stainers, 90 Canal, Boston, Mass.  
 Spence Bros., contractors & stone producers, 12960 Euclid av., Cleveland, Ohio, & Saginaw, Mich.  
 Spence Degreasing Co., 26 av L, Newark, N. J.  
 Spence, George, Jr., contractor, Troy, N. Y.  
 Spence, J. H., canned goods, Smithville, Me.  
 Spence, Jas., contractor, 131 E. 18th, New York.  
 Spence, Jas., founder, 923 Garfield av., Jersey City, N. J.  
 Spence & Rideout, machsts. & fndrs., Nashua, N. H.  
 Spence, Smith & Kootz Co., machy. dealers, Parkersburg, W. Va.  
 Spencer Bros., sashes, doors & blinds, Lebanon, N. H.  
 Spencer & Chatterton, cotton damasks, 5817 Walker, Phila., Pa.  
 Spencer Elec'l Co., telephones & app., 163 Greenwich, New York.  
 Spencer, F. A., cornices & skylights, Council Bluffs, I. A.  
 Spencer, F. M., & Son, contractors, Topeka, Kans.  
 Spencer, Geo. G., steel struct. dtrs., 332 S. La Salle, Chicago, Ill.  
 Spencer Hardware Co., Keene, N. H.  
 Spencer Heater Co., Scranton, Pa.  
 Spencer, J. A., baling presses, Dwight, Ill.  
 Spencer, J. N., road culverts, Havre de Grace, Md.  
 Spencer, John, architect, Bank & Ins. Bldg., Dubuque, Ia.  
 Spencer, L. D., masons' & bldrs.' matls., Hammond, La.  
 Spencer Lens Co., lenses & microscopes, etc., Buffalo, N. Y.  
 Spencer Mfg. Co., neck yokes, Spencer, Ind.  
 Spencer Mountain Mills, cotton damasks, Lowell, N. C.  
 Spencer, N. S., & Son, architects, 37 W. Van Buren, Chicago, & Champaign, Ill.  
 Spencer Optical Co., 5 Maiden la, New York.  
 Spencer, Otis, Co., grain doors, 80 E. Jackson blvd., Chicago, Ill.  
 Spencer & Powers, architects, 10 S. La Salle, Chicago, Ill.  
 Spencer, R. B., architect, Jackson, Miss.  
 Spencer, R. B., & Co., sashes, doors & blinds, Dublin, Texas.  
 Spencer Regulator Co., Salem, Mass.  
 Spencer, S. M., Mfg. Co., steel & rubber stamps & stencils, 9 Cornhill, Boston, Mass.  
 Spencer-Smith Machine Co., engine pistons, Howell, Mich.  
 Spencer Stone Co., Indianapolis, Ind., & Spencerville, Ohio.  
 Spencer Turbine Cleaner Co., hand vacuum cleaners, Hartford, Conn.  
 Spencer, Wm. M., Sons Co., canned goods, Cincinnati, Ohio.  
 Spencer, Wilton H., mill & facty. supplies, 11 Exchange pl., Providence, R. I.  
 Spencer Wire Co., 80 Webster, Worcester, Mass.  
 Spencerian Pen Co., 349 B'way, New York.  
 Spencer's, I. S., Sons, light iron & brass castings & genl. hdwe., Guilford, Conn.  
 Spencerville Tile Co., Spencerville, Ohio.  
 Spengemann Bros., masons' & bldrs.' matls., 304 N. Central av., Baltimore, Md.  
 Spengler-Loomis Mfg. Co., eyers, grinders, etc., 58 E. Washington, Chicago, Ill.  
 Spengler, S., sashes, doors & blinds, Vicksburg, Mass.  
 Sperry & Alexander Co., cutlery mfrs.—who. hdwe., 79 Chambers, New York.  
 Sperry & Amos Co., sash, door & blind mfrs., New Haven, Conn.  
 Sperry & Barnes Co., meat packers, New Haven, Conn.  
 Sperry & Beale Co., mattresses, 141 King, Brooklyn, N. Y.  
 Sperry & Buell, architects, Bristol, Conn.  
 Sperry, D. R., & Co., farm boilers, bake oven castings, filter presses, Batavia, Ill.  
 Sperry Engineering Co., 82 Church, New Haven, Conn.  
 Sperry Flour Co., San Francisco, Cal.  
 Sperry Gyroscope Co., aeronautic apparatus, 40 Flatbush av., Brooklyn, N. Y.  
 Sperry, Joseph E., architect, Calvert Bldg., Baltimore, Md.  
 Sperry Mfg. Co., wood handles, New Haven, Ind.  
 Sperry & Treat Co., contractors, 39 Church, New Haven, Conn.  
 Sperry Wire & Iron Works, 178 Oak, San Francisco, Cal.  
 Speth, John V., & Co., contractors, 1714 Sansom, Phila., Pa.  
 Spetnagle Hardware Co., Chillicothe, Ohio.  
 Speyer & Speyer, architects, 130 N. 5th av., Chicago, Ill.  
 Sphaler, W. G., & Son, turpentine, Taft, Fla.  
 Sphar Brick Co., Maysville, Ky.  
 Spicer, James S., contractors, 246 W. Brighton av., Syracuse, N. Y.  
 Spicer, John, sweaters, bathing suits, etc., 84 Woodbine, Brooklyn, N. Y.  
 Spicer Mfg. Co., drop forgings, cars & trucks, South Plainfield, N. J., & New Philadelphia, Ohio.  
 Spicer, Wm. E., & Co., machsts., Janesville, Wis.  
 Spicer's, David, Sons, contractors, 51 Casper, Detroit, Mich.  
 Spickard, C. H., & Son, canned goods, Blue Ridge Springs, Va.  
 Spickett Broom Co., Lawrence, Mass.  
 Spickler, L. A., & Sons, carriages, Spickler, Md.  
 Spiegle, Geo. M., & Co., lbr., 18th & Somerset, Phila., Pa.  
 Spieler, Jos., cornices & skylights, Beatrice, Neb.  
 Spier & Gehrke, architects, Chamber of Com. Bldg., Detroit, Mich.  
 Spiers Brick Co., 79 Milk, Boston, Mass.  
 Spiers, Lederle Glass Co., 900 6th av., New York.  
 Spies Elec. Works, bells, 564 W. Van Buren, Chicago, Ill.  
 Spies Mfg. Co., plumbers' wood work, Abingdon, Ill.  
 Spies, Thompson, Lbr. Co., Menominee, Mich.  
 Spigle, W. G., canned goods, Troutville, Va.  
 Spiker, A., & Sons, brick, Quincy, Ill.  
 Spillman, B. W., architect, Alamo Bk. Bldg., San Antonio, Tex.  
 Spillsbury, E. Gylbon, Engng. Co., 45 B'way, New York.  
 Spinach, Henry, Contracting Co., 216 Lounsbury, Waterbury, Conn.  
 Spinapont, Louis V., & Co., contractors, 68 Bedford, New York.  
 Spinaway Boat Motor Co., Freeport, Ill.  
 Spindler & Deringer, machsts. & fndrs., 243 Mercer, Jersey City, N. J.  
 Spindler, E. O., textile machy., 350 B'way, New York.  
 Spindler, V. G., canned goods, Halethorp, Md.  
 Spink, Wm. H., contractor, Hornell, N. Y.  
 Spinks Hdwe. Co., La Grange, Ga.  
 Spinks, Harry C., contractor, Newport, Ky.  
 Spinks, T. W., Co., masons' & bldrs.' matls., Covington, Ky.  
 Spinks, Wm. A., & Co., billiard cue cements, 362 W. Erie, Chicago, Ill.  
 Spinner Bros., carriages, Lansing, Ia.  
 Spinner, Ed. F., agricultural implements, Ava, Ill.  
 Spinner, F. E., & Co., architects, 35 Warren, New York.  
 Spiral Conveyor Co., 1610 S. Rockwell, Chicago, Ill.  
 Spire & Prior, contractors, Ellicott sq., Buffalo, N. Y.  
 Spirella Co., machsts., Meadville, Pa.  
 Spiritine Chem. Co., Wilmington, N. C.  
 Spiro, C., Mfg. Co., waste paper baskets, 68 E. 131st, New York.  
 Spiro Hardware Co., Birmingham, Ala.  
 Spitcaufsky Bros., contractors, 27th & Liberty, Kansas City, Mo.  
 Spitzer Cornice Wks., 1061 Addison, Chicago, Ill.  
 Spitzer, Maurice, architect, 5 N. La Salle, Chicago, Ill.  
 Spitzmiller, Jos., stone, 2192 Shadwell, Cincinnati, Ohio.  
 Spitzmiller, L., stone, 2197 Clara, Cincinnati, Ohio.  
 Splady, Albee & Smith, contractors, Plymouth Bldg., Minneapolis, Minn.  
 Splitdorf, C. F., spark timers, 98 Warren, Newark, N. J.  
 Splitdorf Electrical Co., 98 Warren, Newark, N. J.  
 Splittstover Mfg. Co., machinists, North Branch, Minn.  
 Splittstover Co., potato sprayers, North Branch, Minn.  
 S-P Manufacturing Co., tools & special machinery, 872 E. 72nd, Cleveland, Ohio.  
 Spoerer's, Carl, Sons Co., automobile bldrs., 909 S. Carey, Baltimore, Md.



- Spofford, John G., architect, 15 Beacon, Boston, Mass.  
 Spokane Auto. Mfg. Co., Spokane, Wash.  
 Spokane Casket Co., Spokane, Wash.  
 Spokane Corrugated Culvert & Tank Co., cornices & skylights, Spokane, Wash.  
 Spokane Falls Gas Light Co., aqua ammonia, Spokane, Wash.  
 Spokane Flour Mills, Spokane, Wash.  
 Spokane Fdry. Co., Spokane, Wash.  
 Spokane Furnace Co., cornices & skylights, Spokane, Wash.  
 Spokane Hardware Co., Spokane, Wash.  
 Spokane Incubator Co., Spokane, Wash.  
 Spokane Lumber Co., Spokane, Wash.  
 Spokane Orna. Iron & Wire Wks., Spokane, Wash.  
 Spokane Paint & Oil Co., Spokane, Wash.  
 Spokane Pressed Brick Co., Spokane, Wash.  
 Spokane Sash & Door Co., Spokane, Wash.  
 Spokane Stamp Wks., baggage checks, Spokane, Wash.  
 Spokesman Publishing Co., 128 Opera pl, Cincinnati, Ohio.  
 Sponhauer, H. C. & Son, cornices & skylights, Galion, Ohio.  
 Sponholtz, Carl L., architect, Beverly, Mass.  
 Spool Cotton Co., 315 4th av, New York.  
 Spooner, Allen N. & Son, dock bldrs., Pier 11, N. R., New York.  
 Spooner, Herman W., architect, Gloucester, Mass.  
 Sporr, Edward F., architect, 606 Commercial pl, New Orleans, La.  
 Sporting Goods Sales Journal, trade publication, 38 Park Row, New York.  
 Sporting News Publishing Co., Penn Bldg., St. Louis, Mo.  
 Sportsman's Supply Co., Binghamton, N. Y.  
 Spotless Steam Sponger Co., machsts. & fndrs., Whitney Power Bldg., Cleveland, Ohio.  
 Spotswood, E. R. & Son, lumber, Lexington, Ky.  
 Spotswood-Helfer Co., whol. hdwe., 258 1st, San Francisco, Cal.  
 Spottiswoode-Cusack Co., stone producers, Orange, N. J.  
 Spowage-Ryan Co., contractors, Sioux City, Ia.  
 Spracklin Boiler & Mach. Co., Trenton, N. J.  
 Sprackling, A. E., architect, Caxton Bldg., Cleveland, Ohio.  
 Spradlin, W. H., architect, Fulton, Ky.  
 Sprague, A. O., flour mills, St. Francis, Ark.  
 Sprague, Breed & Brown Co., masons' & bldrs.' matls., Beverly, Mass.  
 Sprague Bros. bldg. contrs., Portland, Ore.  
 Sprague Bros., machinists, Bakersfield, Cal.  
 Sprague Canning Machinery Co., 222 N. Wabash av, Chicago, Ill.  
 Sprague, E. H., common brick, Elkhorn, Wis.  
 Sprague, E. S., archt. iron, 318 W. Austin av, Chicago, Ill.  
 Sprague Elec. Wks. of Gen'l Elec. Co., 527 W. 34th, New York.  
 Sprague Fdry. & Mfg. Co., Council Bluffs, Ia.  
 Sprague, H. L., architect, 310 Main, Springfield, Mass.  
 Sprague & Henwood, contractors, Scranton, Pa.  
 Sprague Iron Wks., 318 W. Austin av, Chicago, Ill.  
 Sprague, L. Co., machsts., Lawrence, Mass.  
 Sprague Meter Co., machsts., Bridgeport, Conn.  
 Sprague, Smith Co., plate glass, 164 W. Randolph, Chicago, Ill.  
 Sprague Umbrella Co., auto. windshields, Norwalk, Ohio.  
 Sprague, Wm., & Co., machsts., 630 Filbert, Philadelphia, Pa.  
 Sprang, Wm., machinist, Loudonville, Ohio.  
 Spranger Rim & Wheel Co., 139 Beaubien, Detroit, Mich.  
 Sprankle Co., contractors, Oklahoma, Okla.  
 Spratt, A. D., mill engineers, East Corinth, Me.  
 Spratts Patent Am. (Ltd.), dog biscuits, 14 Congress, Newark, N. J.  
 Spray Engineering Co., pneumatic painting equipment, 93 Federal, Boston, Mass.  
 Sprecher Lumber Co., Independence, Wis.  
 Sprecher's, G., Sons, sash weights, Ephrata, Pa.  
 Spreckles Sugar Co., California & Davis, San Francisco, Cal.  
 Sprenger, Jos., & Sons, steel plate wks., Detroit, Mich.  
 Priesterbach, G. W., Co., cornices, Alamosa, Colo.  
 Spring City Foundry Co., Waukesha, Wis.  
 Spring City Mill Co., flour, Spring City, Tenn.  
 Spring Construction Co., Berkeley, Cal.  
 Spring Creek Milling Co., flour, Spring Creek, W. Va.  
 Spring Creek Roller Mill Co., flour, Huntersville, Ky.  
 Spring, G. W., sashes, doors & blinds, Crooksville, Ohio.  
 Spring Garden Brick Co., (Ltd.), brick, York, Pa.  
 Spring Garden Marble & White Lime Co., St. Louis, Mo.  
 Spring Handle Co., carpet beaters, Abingdon, Ill.  
 Spring Hill Fuel Co., masons' & bldrs.' matls., Seattle, Wash.  
 Spring Hope Cotton Oil Co., Spring Hope, N. C.  
 Spring Leaf Lubricator Co., spreaders, Ann Arbor, Mich.  
 Spring Perch Co., machsts., Bridgeport, Conn.  
 Spring River Stone Co., Carthage, Mo.  
 Spring, Russell C., architect, 185 Devonshire, Boston, Mass.  
 Spring Steel Fence & Wire Co., Anderson, Ind.  
 Spring Valley Iron Co., Wellston, Ohio.  
 Spring Valley Packing Co., Spring Valley, Ohio.  
 Spring Valley Stave & Heading Co., wagon spokes, Spring Valley, Wis.  
 Springbrook Canning Co., Springbrook, Ore.  
 Springer Bros. Mfg. Co., agric. implement mfrs., Edwardsville, Ill.  
 Springer, J. S., brick, Celina, Ohio.  
 Springer & Rogers, contractors, New Philadelphia, Ohio.  
 Springer, W. E., & Co., whol. hdwe., Wilmington, N. C.  
 Springer-Whitaker Fdry. Co., Terre Haute, Ind.  
 Springgets Mills, paper, York, Pa.  
 Springfield Abattoir Co., meat packers, Springfield, Ohio.  
 Springfield Auto. Top & Upholstering Co., Springfield, Mass.  
 Springfield Belting & Supply Co., Springfield, Mass.  
 Springfield Blanket Co., Holyoke, Mass.  
 Springfield Body Co., auto. fenders, tops, wind shields, etc., Birnie av, Springfield, Mass.  
 Springfield Boiler & Mfg. Co., boilers, heaters, tanks, etc., Springfield, Ill.  
 Springfield Brass Co., machsts. & fndrs., Springfield, Ohio, & Springfield, Vt.  
 Springfield Brick Co., Springfield, Mass.  
 Springfield, C. W., & Co., blankets, South Wolfboro, N. H.  
 Springfield Clay Mfg. Co., flower pots, Springfield, Ohio.  
 Springfield Coal & Ice Co., masons' & bldrs.' matls., Springfield, Ohio.  
 Springfield Coffin & Casket Co., Springfield, Ohio.  
 Springfield Commercial Body Co., 310 Main, Springfield, Mass.  
 Springfield Contractors' Supply Co., masons' & bldrs.' matls., Springfield, Mass.  
 Springfield Elec. Co., knife switches, Springfield, Mass.  
 Springfield Facing Co., charcoal, foundry facings & case hardening compound, 317 Main, Springfield, Mass.  
 Springfield Foundry Co., 3215 Smallman, Pittsburgh, Pa., & Springfield, Mass.  
 Springfield Gas Fixture Co., Springfield, Ohio.  
 Springfield Hardware Co., dealers, E. Main, Springfield, Ohio.  
 Springfield Harness Co., carriage joints, Springfield, Mass.  
 Springfield Incubator Co., Springfield, Ohio.  
 Springfield Iron Works, machsts., Springfield, Mass.  
 Springfield Mach. Co., Springfield, Mass.  
 Springfield Machine Tool Co., lathes & shapers, 631 Southern av, Springfield, Ohio.  
 Springfield Malleable Iron Co., castings, Springfield, Ohio.  
 Springfield Mfg. Co., emery & corundum wheel mfrs., Bridgeport, Conn.  
 Springfield Mfg. Co., portable houses, Keene, N. H.  
 Springfield Mattress Co., Springfield, Ill.  
 Springfield Metallic Casket Co., metallic burial cases, Springfield, Ohio.  
 Springfield Milling Co., flour, Springfield, Minn.  
 Springfield Paving Brick Co., Springfield, Ill.  
 Springfield Planing Mill & Lumber Co., Springfield, Ohio.  
 Springfield Planing Mill & Lumber Const. Co., Springfield, Mo.  
 Springfield Plumbing Co., Springfield, Mo.  
 Springfield Provision Co., meat packers, Springfield, Mass.  
 Springfield Rendering Co., soap, Springfield, Mass.  
 Springfield Spring Co., Springfield, Ohio.  
 Springfield Stone & Fuel Co., masons' & bldrs.' matls., Springfield, Mo.  
 Springfield Wagon Co., Springfield, Mo.  
 Springfield Waste Co., Springfield, Mass.  
 Springfield Webbing Co., Springfield, Mass.  
 Springfield Wire Screen Co., Springfield, Ill.  
 Springfield Woolen Mills Co., woolen blankets, Springfield, Tenn.  
 Springgate, W. G., contractor, 412 N. Boyle av, St. Louis, Mo.  
 Springman Paper Products Co., easels, gaskets, paper, Detroit, Mich.  
 Springman's, J. T., Sons, machinists, 904 7th, S. W., Washington, D. C.  
 Springsted & Adamson, contractors, 434 E. 107th, New York.  
 Springsteen Bros., contractors, Haverstraw, N. Y.  
 Springston Lumber Co., sash, door & blind mfrs., Spokane, Wash.  
 Springville Canning Co., Springville, N. Y., & Springville, Utah.  
 Springwells Clay Pipe Co., Orion, Mich.  
 Sproul, E. W., Co., contractors, 1120 W. 35th, Chicago, Ill.  
 Sproul & McGurran Co., steam fitters' supplies, Grand Rapids, Mich.  
 Sproul Matt. Co., agricultural implements, Sparta, Ill.  
 Sprout, Waldron & Co., mill & facty. supplies, 140 Canal, Mun-cy, Pa.  
 Spruance-Gilbert Co., varnish mfrs., 312 N. 3d, Philadelphia, Pa.  
 Spruck, Henry, & Son, contractors, 304 Broad, Stapleton, N. Y.  
 Spruks Bros., contractors, Scranton, Pa.  
 Sprung, Harry J., architect, 44 Court, Brooklyn, N. Y.  
 Spry Lumber Co., 111 W. Monroe, Chicago, Ill.  
 S. P. Stove Co., elec. cooking app., Wilmetta, Ill.  
 Spuck Iron & Fdry. Co., St. Louis, Mo.  
 Spurbeck-Lambert Co., tubs, butter, Algona, Iowa.  
 Spurgin Mfg. Co., baths, blotter, 304 W. 69th, Chicago, Ill.  
 Spurr, E. W., Co., masons' & bldrs.' matls., Lakeville, Conn.  
 Spurr, J. J., & Sons, stone, Harrison, N. J.  
 Squibb, E. R., & Sons, cresol imptrs., 78 Beckman, New York.  
 Squibb, W. P., & Co., gin distillers, Lawrenceburg, Ind.  
 Squier & Co., lumber, Monson, Mass.  
 Squier, Ed. E., Co., fdry. facings & supplies, Federal Reserve Bank Bldg., St. Louis, Mo.  
 Squier, Geo. L., Mfg. Co., rice & coffee hulling machy., evaporators, Buffalo, N. Y.  
 Squire, John P., & Co., meat packers, 315 Canal, Providence, R. I.  
 Squire, Jno. R., Co., cornices, Youngstown, Ohio.  
 Squires, A. J., stone producers, Hulberton, N. Y.  
 Squires, B., flour mills, Cloverport, Ky.  
 Squires & Byrne Rubber Co., 124 E. 3d, Los Angeles, Cal.  
 Squires, C. E., Co., steam traps, etc., E. 40th & Kelley av, Cleveland, Ohio.



- Squires, C. W., Mfg. Co., street ry. track switches, Beverly, Mass.
- Squires, Chas. W., architect, Emporia, Kans.
- Squires, Frank C., architect, 628 Kansas av, Topeka, Kans.
- Squires, Walter L., contractor, Hartford, Conn.
- Squirrel Hill Brick Co., Haldane & Connor, Pittsburgh, Pa.
- S. R. Mfg. Co., marine engines, Schenectady, N. Y.
- S. & S. Automatic Grate Co., 844 W. 63d, Chicago, Ill.
- S. & S. Contracting Co., 90 West, New York.
- Staab, G., soap, 54 Royal, Pittsburgh, Pa.
- Staab, Wm. E., architect, Glenridge, N. J.
- Staar, Frank, cornices, 1473 N. Halsted, Chicago, Ill.
- Staats, C. B., & Son, contractors, 242 10th, E., Salt Lake City, Utah.
- Staats, Geo., & Co., mchsts. & fndrs., 74 Bayard, B'klyn, N. Y.
- Stabell, Jos. F., Co., contractors, 1127 Niagara, Buffalo, N. Y.
- Stabley, W. H., lumber, Felton, Pa.
- Stacey Bros. Gas Construction Co., Sta. P, Elmwood, Cincinnati, Ohio.
- Stacey Mfg. Co., gas holders, steel plate work, etc., Township av & Big 4 R. R., Elmwood, Cincinnati, Ohio.
- Stack Const. Co., Duluth, Minn.
- Stack, Jno. K., architect, 12 E. Lexington, Baltimore, Md.
- Stackpole Carbon Co., St. Marys, Pa.
- Stacy, E. S., Machine Co., mill & facty. supp., Springfield, Mass.
- Stacy, Eugene C., logging & lumberman's tools, Tiffin, O.
- Stacy, Harry H., architect, Leominster, Mass.
- Stacy-Judd, Robert, architect, Minot, N. D.
- Stacy, W. H., architect, 36 S. Perry, Dayton, O.
- Stadel, G., & Co., architects, Stamford, Conn.
- Stader, Conrath, Constr. Co., Erie, Pa.
- Stadler, J. L. H., Rendering & Fertilizer Co., 908 Denison av, N. W., Cleveland, Ohio.
- Stadsfold, S. S., flour, Fosston, Minn.
- Staeger & Dewey, architects, Charlebois Bros. Bldg., Watertown, N. Y.
- Staehlin, Gustavus, architect, Metropolitan Bldg., Newark, N. J.
- Stafford Co., mchsts. & fndrs., looms, Readville, Mass.
- Stafford-Crandall Packing & Fishing Co., Wilmington, Cal.
- Stafford, E. H., Mfg. Co., furniture, 218 S. Wabash av, Chicago, Ill.
- Stafford & Holt, mchsts., Little Falls, N. Y.
- Stafford, John, contractor, 1112 Chestnut, Philadelphia, Pa.
- Stafford Milling Co., flour, Martin, Tenn.
- Stafford Motor Car Co., auto. bldrs., Kansas City, Mo.
- Stafford, Nelson, Co., stencils, 67 Fulton, New York.
- Stafford, S. S., paste, typewriter ribbons, 609 Wash'n, New York.
- Stafford, Wright & Son, stacks, tanks, boilers, etc., Lawrence, Mass.
- Stafford's, Jas., Sons, horse & woolen blankets, Kram's av, Philadelphia, Pa.
- Stag Co., sharpening machines, 38 S. State, Chicago, Ill.
- Stagg, Geo. T., Co., distillers, Frankfort, Ky.
- Stagg, J. P., masons' & bldrs.' matls., who. hardware, Anacanda, Mont.
- Stagg, Thos. E., & Son, sash, door & blind mfrs., Henrico Co., Richmond, Va.
- Stahika, Paul, contractor, 110 E. Delaware av, Buffalo, N. Y.
- Stahl & Carson, contractors, Ella bl., Wyoming, Phila., Pa.
- Stahl, Geo., architect, Ozone Park, N. Y.
- Stahl, Geo. H., incubators & brooders, Quincy, Ill.
- Stahl, H. E., mchsts., Trenton, N. J.
- Stahl & Kinsey, architects, 117 Fort. W., Detroit, Mich.
- Stahl Mfg. Co., lubricators, 983 17th av, S. E., Minneapolis, Minn.
- Stahl, Otto, meat packers, 2332 3d av, New York.
- Stahl Rectifier Co., 538 S. Clark, Chicago, Ill.
- Stahl & Rudolph, flour mills, Barlow, Ky.
- Stahl, Wm., Sprayer Co., pumps, Quincy, Ill.
- Staiger Hardware Co., Michigan City, Ind.
- Staiman Bros., scrap rubber, Williamsport, Pa.
- Stained Glass Paper Co., 19 E. 14th, New York.
- Stainthorpe, C. N., & Co., contr., mason' & bldrs.' matls., Lockport, N. Y.
- Stair, Robert A., architect, York, Pa.
- Staker, Chas. E., contractor, 687 E. 219th, New York.
- Stalcup, E. L., agricultural implements, Unionville, Mo.
- Stalcup Mach. Shop & Garage, Unionville, Mo.
- Staley, A. E., Mfg. Co., starch mfrs., 441 North, Baltimore, Md.
- Staley Elec. Elev. & Mach. Co., 136 Prince, New York.
- Staley, H. B., Co., flour mills, Marion, Va.
- Staley's Creek Manganese & Iron Co., Marion, Va.
- Stalker, G. H., sash, door & blind mfrs., Rochester, N. Y.
- Stalker Mfg. Co., bridle bits, 71 W. B'way, New York.
- Stall Bros., brick, Arcadia, Ohio.
- Stall & Dean Mfg. Co., baseball gloves, 855 Elston av, Chicago, Ill.
- Stall & Dean Mfg. Co., sporting & athletic goods, Brockton, Mass.
- Stallman, F. A., trunks, 57 E. Spring, Columbus, Ohio.
- Stallman, F. O., Supply Co., machinery dealers, 129 1st, San Francisco, Cal.
- Stallman, Jno., cornices & skylights, Sioux Falls, S. D.
- Stallsmith, Geo. W., sash, door & blind, Gettysburg, Pa.
- Stalnaker, W. S., masons' & bldrs.' matls., Logansport, Ind.
- Stambaugh-Thompson Co., mill & factory supplies, wholesale hardware, Youngstown, Ohio.
- Stamford Chemical Co., extracts, logwood, 80 Wall, New York.
- Stamford Foundry Co., Stamford, Conn.
- Stamford Gas Stove Co., Stamford, Conn.
- Stamford Iron Works, Stamford, Conn.
- Stamford Mfg. Co., chemicals, 82 Wall, New York.
- Stamford Masons' Supply Co., Stamford, Conn.
- Stamford Mill & Elevator Co., flour, Stamford, Tex.
- Stamford Motor Co., Stamford, Conn.
- Stamford Oil Mill Co., meal, Stamford, Tex.
- Stamford Rolling Mills Co., brass discs, sheet copper & brass mills, 25 Broad, New York, & Springdale, Conn.
- Stamford Rubber Supply Co., chloride of sulphur & rubber substitutes, Stamford, Conn.
- Stamler, E., architect, Lexington, Ky.
- Stamley & Scheibel, architects, Wick Bldg., Youngstown, Ohio.
- Stamm, Jacobs, flour mills, Iuka, W. Va.
- Stamm Machine Works, Aurora, Ind.
- Stamm, Max., scrap iron, Paterson, N. J.
- Stamm, Scheele Mfg. Co., Ltd., Rayne, La.
- Stammers, S. J., architect, 500 5th av, New York.
- Stamp, J. M., lumber, Bonnieville, Ky.
- Stamping & Tool Co., machinists & founders, La Crosse, Wis.
- Standard Tilton Milling Co., cereal foods, Pierce Bldg., St. Louis, Mo.
- Stanchfield, H. J., & Co., mill & facty. supplies, Lawrence, Mass.
- Stanchiff Mill Screen & Mfg. Co., Houston, Tex.
- Standard Accident Insurance Co., Detroit, Mich.
- Standard Acid Works, Continental Bldg., Baltimore, Md.
- Standard Action Co., piano action, Cambridge, Mass.
- Standard Adding Mach. Co., Forest Park Bldg. & Spring av, St. Louis, Mo.
- Standard American Dredging Co., Central Bldg., Los Angeles, Cal.
- Standard Aniline Products, 366 5th av, New York.
- Standard Architectural Iron Works, 2300 Bloomingdale av, Chicago, Ill.
- Standard Arms Mfg. Co., machsts., Wilmington, Del.
- Standard Art Glass Co., 237 Lafayette, New York.
- Standard Asphalt & Rubber Co., 208 S. La Salle, Chicago, Ill.
- Standard Auger Co., 57 W. 34th, Chicago, Ill.
- Standard Auto Accessory Co., Leipsic, Ohio.
- Standard Automatic Machine Co., package sealing machines, etc., 371 St. Paul, Rochester, N. Y.
- Standard Bithulithic Co., 60 Church, New York.
- Standard Blue Stone Co., 76 Montgomery, Jersey City, N. J.
- Standard Boiler & Plate Iron Co., Niles, O.
- Standard Boiler Works, tubular, Seattle, Wash.
- Standard Bolt Co., Clinton & Penn R. R., Columbus, Ohio.
- Standard Bone Cutter Co., Milford, Mass.
- Standard Box Co., Bryant & Beale, San Francisco, Cal.
- Standard Box & Lumber Co., Portland, Ore.
- Standard Braid Co., cotton banding, etc., Attleboro Falls, Mass.
- Standard Brass & Bronze Mfg. Co., shade holders, 813 Libert, Pittsburgh, Pa.
- Standard Brass Casting Co., Oakland, Cal.
- Standard Brass & Copper Tube Co., New London, Conn.
- Standard Brass Foundry Co., 990 E. 67th, Cleveland, Ohio, & Grand Rapids, Mich.
- Standard Brass Foundry Co., castings, Syracuse, N. Y.
- Standard Brass & Iron Works, 1820 St. Paul av, Milwaukee, Wis.
- Standard Brass Mfg. Co., machsts., Utica, N. Y.
- Standard Brass Works, mchsts. & brass fndrs., 98 Wight, Detroit, Mich.
- Standard Brazing Co., 43 Bromfield, Boston, Mass.
- Standard Brick Co., Augusta, Ga.; Charleston, W. Va.; Valley rd, Cleveland, O.; Crawfordsville, Ind.; Los Angeles, Cal.; Macon, Ga.; 406 Clement av, Milwaukee, Wis., & Wematchee, Wash.
- Standard Brick Mfg. Co., Evansville, Ind.
- Standard Brick & Tile Co., 81 4th, Portland, Ore.
- Standard Bridge Co., City Nat. Bk. Bldg., Omaha, Neb.
- Standard Bridge Tool Co., spacing tables, Fulton Bldg., Pittsburgh, Pa.
- Standard Brush Co., New Hartford, Conn.
- Standard Building Material Co., Elizabeth, N. J.
- Standard Butter Cutter Co., 244 Greenwich, New York.
- Standard Button Works, 15 Maiden lane, New York.
- Standard Cabinet Mfg. Co., Peru, Ind.
- Standard Calorimeter Co., East Moline, Ill.
- Standard Canning Co., Noblesville, Ind.
- Standard Car Truck Co., machsts., 332 S. Michigan av, Chicago, Ill.
- Standard Car Wheel Co., Cleveland, Ohio.
- Standard Carriage Co., Denver, Colo.
- Standard Cash Register Co., North Manchester, Ind.
- Standard Cast Iron Pipe & Fdry. Co., Bristol, Pa.
- Standard Castings Co., mchsts. & fndrs., Lansing, Mich.
- Standard Cedar & Lumber Co., 511 Lumber Ex., Minneapolis, Minn.
- Standard Chain Co., rolling mills, 1st National Bank Bldg., Pittsburgh, Pa.
- Standard Chemical Co., charcoal, Bradford, Pa.
- Standard Chemical Co., coal tar products, Tacoma, Wash.
- Standard Chemical Co., disinfectants & insecticides, 736 Frankfort av, Cleveland, Ohio.



Standard Chemical Co., metal & furniture polish, compounds, etc., Houston, Tex.  
 Standard Chemical Co., soap powders, 4 Alden Ct., Boston, Mass.  
 Standard Chemical Co., Vanadium Bldg., Pittsburgh, Pa.  
 Standard Chemical Co., 310 California, San Francisco, Cal.  
 Standard Chemical & Oil Co., fertilizer mfrs., Troy, Ala.  
 Standard Chemicals & Metal Corp., 46 Cedar, New York.  
 Standard Churn Co., Wapakoneta, Ohio.  
 Standard Cleaner Co., 122 S. Michigan av, Chicago, Ill.  
 Standard Clothes Dryer Co., Worcester, Mass.  
 Standard Coach Pad Co., Wooster, Ohio.  
 Standard Coffin & Casket Mfg. Co., 1029 W. Chicago av, Chicago, Ill.  
 Standard Comb Co., Leominster, Mass.  
 Standard Co., machinists, Torrington, Conn.  
 Standard Computing Scale Co., Fort & Hastings, Detroit, Mich.  
 Standard Concrete Construction Co., 108 S. La Salle, Chicago, Ill.  
 Standard Concrete Steel Co., Knickerbocker Bldg., Baltimore, Md., & 413 E. 31st, New York.  
 Standard Construction Co., contractors, 42 Church, New Haven, Conn., & Farmers' Bk. Bldg., Pittsburgh, Pa.  
 Standard Construction Co., Davenport, Ia.  
 Standard Corrugated Pipe Co., Rialto Bldg., San Francisco, Cal.  
 Standard Coupler Co., machsts. & fndrs.—draft gear, 30 Church, New York.  
 Standard Crayon Mfg. Co., crayon mfrs., 61 Putnam, Danvers, Mass.  
 Standard Cross Tie Mach. Co., New Orleans, La.  
 Standard Crucible Steel Castings Co., 719 30th, Milwaukee, Wis.  
 Standard Detroit Tractor Co., traction engines, 1506 Fort W., Detroit, Mich.  
 Standard Diamond Drill Co., machsts., 38 S. Dearborn, Chicago, Ill.  
 Standard Die Co., machsts., 1019 Vine, Cincinnati, Ohio.  
 Standard Die & Stamping Co., 631 Penn av, Pittsburgh, Pa.  
 Standard Dist. Co., 1021 B'way, Cincinnati, Ohio.  
 Standard Dist. & Distributing Co., 27 William, New York.  
 Standard Door & Sash Co., Los Angeles, Cal.  
 Standard Dry Kiln Co., Indianapolis, Ind.  
 Standard Egg Co., beaters, 26 So. Market, Boston, Mass.  
 Standard El. Fittings Co., junction boxes, 71 Walnut, Stamford, Conn.  
 Standard Elec. Lamp Co., 67 Hamilton, Newark, N. J.  
 Standard Elec. Mfg. Co., decorative elec. lighting, Niles, Ohio.  
 Standard Elec. Nov. Co., cooking app., 730 W. Randolph, Chicago, Ill.  
 Standard Elec. Stove Co., cooking app., 1720 N. 12th, Toledo, Ohio.  
 Standard Electric Time Co., electric clock & signal system mfrs., 89 Logan, Springfield, Mass.  
 Standard Electric Tool Co., portable electric drills, 128 Opera pl, Cincinnati, Ohio. *See adv index at end of book.*  
 Standard Elec. Works of G. E. Co., lamps, Warren, Ohio.  
 Standard Elevator Interlock Co., Widener Bldg., Phila., Pa.  
 Standard Engng. Co., machsts. & fndrs., Ellwood City, Pa.  
 Standard Engineering Co., 11 Pine, New York.  
 Standard Envelope Co., 257 Diamond, Philadelphia, Pa.  
 Standard Envelope Sealer Mfg. Co., Somerville, Mass.  
 Standard Equipment Co., cinder grinding & crushing machines & special foundry equipment mfrs., New Haven, Conn.  
 Standard Equipment Co., mill & facty. supplies, Mobile, Ala.  
 Standard Excelsior Wrapping Co., packing pads, Appleton, Wis.  
 Standard Export Lumber Co., Whitney Bldg., New Orleans, La.  
 Standard Extinguisher Co., 24 Binford, Boston, Mass.  
 Standard Felt Co., felts & piano hammers, Alhambra, Cal.  
 Standard Fertilizer Co., Gainesville, Fla., Los Angeles, Cal., & Meigs, Ga.  
 Standard Fibre Co., vulcanized fibre sheets, tubes, rods, washers, etc., mfrs., Somerville, Mass.  
 Standard Fire Brick Co., Empire & Irondale, Ohio; Diamond Bk. Bldg., Pittsburgh, Pa., & Pueblo, Colo.  
 Standard Fire Clay Co., common brick, Fallston, Pa.  
 Standard Fire Clay Co., New Brighton, Pa.  
 Standard Fireproof Sash & Door Co., 230 Greenpoint av, Brooklyn, N. Y.  
 Standard Flaked Food Co., Owosso, Mich.  
 Standard Forgings Co., 80 E. Jackson blvd, Chicago, Ill.  
 Standard Foundry, Oakland, Cal.  
 Standard Foundry Co., Anniston, Ala.; Buffalo, N. Y.; Dayton, Ohio; Hartford, Conn.; Racine, Wis., & Worcester, Mass.  
 Standard Foundry & Machine Shop, 1036 3d av, N. E., Minneapolis, Minn.  
 Standard Foundry & Mfg. Co., Cleveland, Ohio, & De Kalb, Ill.  
 Standard Fuel Oil Engine Co., Willoughby, Ohio.  
 Standard Furnace & Range Co., Louisville, Ky.  
 Standard Furnace & Supply Co., Omaha, Neb.  
 Standard Furniture Co., Herkimer, N. Y.  
 Standard Galvanizing Co., hot process galvanizing, 2619 W. Van Buren, Chicago, Ill.  
 Standard Galvanizing & Mfg. Co., Cleveland, Ohio.  
 Standard Garden Tool Co., Montrose, Ia.  
 Standard Gas Engine Co., Oakland, Cal.  
 Standard Gauge Steel Co., cold drawn steel, Beaver Falls, Pa.  
*See adv index at end of book*  
 Standard Glass Co., bottles, Marion, Ind.

Standard Glass Co., 2349 S. La Salle, Chicago, Ill.  
 Standard Glass & Paint Co., Des Moines, Ia.  
 Standard Glass Specialty Co., laboratory apparatus, Morgantown, W. Va.  
 Standard Glue Co., Caton & Cottage av, Baltimore, Md.  
 Standard Gramophone Appliance Co., 237 Lafayette, New York  
 Standard Graphite Co., Ashland, Ala.  
 Standard Guano & Chemical Mfg. Co., nitrate of soda, New Orleans, La.  
 Standard Handle Co., 8 Peck Slip, New York.  
 Standard Hardware Lumber Co., Buffalo, N. Y.  
 Standard Heat & Vent. Co., 141 Cedar, New York.  
 Standard Heating & Radiator Co., gas burners, Penn & Barbeau, Pittsburgh, Pa.  
 Standard Heel & Counter Co., 1026 N. 11th, St. Louis, Mo.  
 Standard Hoop Co., Bay City, Mich.  
 Standard Horse Nail Co., New Brighton, Pa.  
 Standard Horse Shoe Co., Boston, Mass.  
 Standard Improved Truck Co., 20 W. Jackson blvd, Chicago, Ill.  
 Standard Index Card Co., 709 Arch, Philadelphia, Pa.  
 Standard Ink & Color Co., 129 Atkinson, Brooklyn, N. Y.  
 Standard Iron Co., blast furnaces, Nashville, Tenn.  
 Standard Iron Foundry, machsts. & fndrs., 53 Dobbin, Brooklyn, N. Y.  
 Standard Iron & Wire Works, bank railings, Chattanooga, Tenn.  
 Standard Iron & Wire Works, 489 12th, Milwaukee, Wis.  
 Standard Iron Works, machsts. & fndrs., Spartanburg, S. C.  
 Standard Iron Works, 508 E. 74th, New York & San Diego, Cal.  
 Standard Knitting Co., sweaters, cardigans, 2202 Superior av, N. E., Cleveland, Ohio.  
 Standard Leather Dressing Co., Trenton, N. J.  
 Standard Lighting Co., machsts. & fndrs., Cleveland, Ohio.  
 Standard Lime Co., Kendrick, Fla.  
 Standard Lime & Stone Co., Dickerson, Md. & Fond Du Lac, Wis.  
 Standard Linseed Co., oils car, Willey & Big 4 & R. R., Cleveland, Ohio.  
 Standard Lock Co., elec. door openers, 113 Himrod, Brooklyn, N. Y.  
 Standard Lumber Co., Birmingham, Ala.; Live Oak, Fla.; Moscow, Ida.; Sonora, Cal., & Winona, Minn.  
 Standard Lumber Yard Co., Dubuque, Ia.  
 Standard Machine Co., tex. machy. (knitting machines hosiery), 330 N. 112th, Philadelphia, Pa.  
 Standard Mach. & Elec. Co., Indianapolis, Ind.  
 Standard Mach. Key Mfg. Co., Poughkeepsie, N. Y.  
 Standard Mach. Mfg. Co., Carthage, Mo.  
 Standard Mach. Tool & Supply Co., 1st & Main, Kansas City, Mo.  
 Standard Machy. Co., Mystic, Conn., & Providence, R. I.  
 Standard Machinery & Equip. Co., machsts. & fndrs., 310 Electric, Cleveland, Ohio.  
 Standard Malleable Iron Co., Muskegon, Mich.  
 Standard Mfg. Co., bank fixture, furniture, etc., Appleton, Wis.  
 Standard Mfg. Co., boxes, Council Bluffs, Ia.  
 Standard Mfg. Co., canvas gloves, Lockport, N. Y.  
 Standard Mfg. Co., hand vacuum cleaners, Syracuse, N. Y.  
 Standard Mfg. Co., hinges, etc., Shelby, Ohio.  
 Standard Mfg. Co., ironing boards & folding chairs, Cambridge City, Ind.  
 Standard Mfg. Co., machsts. & fndrs., Auburn, Ind.  
 Standard Mfg. Co., plumbers' supplies—jobbers, 439 Water, Pittsburgh, Pa.  
 Standard Mfg. Co., road oilers or distributors, Worcester, Mass.  
 Standard Mfg. Co., window display fixtures, Xenia, Ohio.  
 Standard Mfg. Co., woolen & steel tray barrows, ash cans, 41 Cortlandt, New York.  
 Standard Mfg. & Supply Co., asbestos, rubber, fibre, etc., gaskets, 30 N. 4th, Philadelphia, Pa.  
 Standard Mfg. & Supply Co., fndrs., Rhode Island & Alameda, San Francisco, Cal.  
 Standard Marble Works, 706 W. Front, Cincinnati, Ohio.  
 Standard Material Co., masons' & bldrs.' matls., W. 66th, Chicago, Ill.  
 Standard Meat & Live Stock Co., Denver, Colo.  
 Standard Metal Bed Refinishing Co., machsts. & fndrs., Foreland & James, N. S., Pittsburgh, Pa.  
 Standard Metal Co., 135 S. Pennsylvania, Indianapolis, Ind.  
 Standard Metal Mfg. Co., auto. & phonograph horns, rectifiers, 237 Chestnut, Newark, N. J.  
 Standard Metal Spinning Co., shade holders, 138 Mott, New York.  
 Standard Metal Work Co., tapered tubing, Thompsonville, Conn.  
 Standard Meter Co., 3117 N. 17th, Philadelphia, Pa.  
 Standard Meter & Mfg. Co., 433 W. 42d, New York.  
 Standard Milk Bottling Works, Parkersburg, W. Va.  
 Standard Mill Supply Co., 39 Exchange pl, Providence, R. I.  
 Standard Milling Co., rice, Houston, Tex.  
 Standard Mosaic Tile Co., 175 W. Jackson blvd., Chicago, Ill.  
 Standard Motor Construction Co., engines, 180 Whiton, Jersey City, N. J.  
 Standard Motor Truck Co., 1842 Euclid av, Cleveland, Ohio; 496 Bellevue av, Detroit, Mich., & Frick Bldg., Pittsburgh, Pa.  
 Standard Nov. Works, porch swings, sleds, etc., Duncannon, Pa.  
 Standard Nut & Bolt Co., Valley Falls, R. I.  
 Standard Oil Cloth Co., 320 B'way, New York.



- Standard Oil Co., 72 W. Adams, Chicago, Ill., & 26 B'way, New York.
- Standard Oil Co. of Cal., 200 Bush, San Francisco, Cal.
- Standard Oil Co. of Kentucky, lubrg. oils, Louisville, Ky.
- Standard Oil Co. of Ohio, E. Ohio Gas Bldg., Cleveland, Ohio.
- Standard Oil Soap Co., 880 Ellicott sq., Buffalo, N. Y.
- Standard Oiled Clothing Co., 152d & Union av, New York.
- Standard Optical Co., Geneva, N. Y.
- Standard Oven Co., Oliver Bldg., Pittsburgh, Pa.
- Standard Oxygen Co., 216 E. 42d, New York.
- Standard Paint Co., Marion, Ind., & 233 B'way, New York.
- Standard Paper Co., Kalamazoo, Mich.
- Standard Paper Mfg. Co., paper mfrs., Richmond, Va.
- See adv index at end of book.*
- Standard Parts Co., Edgewater, Park, Cleveland, Ohio.
- See adv index at end of book.*
- Standard Pattern Co., 28th & Spruceway, Pittsburgh, Pa.
- Standard Pattern & Mfg. Co., Richmond, Ind.
- Standard Pattern Works, 144 Fort E., Detroit, Mich., & Rochester, N. Y.
- Standard Pattern Works Co., 5332 St. Clair av, Cleveland, O.
- Standard Paving Co., 29 La Salle, Chicago, Ill.; 685 S. Ohio av, Columbus, Ohio, & 154 Frelinghuysen av, Newark, N. J.
- Standard Pearl Button Co., 9814 Denison, Cleveland, Ohio.
- Standard Pearl Works, buttons, Newark, N. J.
- Standard Pipe Covering Co., 3748 E. 71st, Cleveland, Ohio.
- Standard Pipe & Supply Co., plumbers' supplies, Erie, Pa.
- Standard Planing Mill & Bldg. Co., Ashland, Ky.
- Standard Planing Mill Co., tanks, Lincoln, Neb.
- Standard Plate Glass Co., 30 Sudbury, Boston, Mass.
- Standard Plate Glass Co., Butler, Pa.
- Standard Plating Works, electro plating, 446 N. 12th, Phila., Pa.
- Standard Plating Works, York, Pa.
- Standard Playing Card Mfg. Co., 345 W. Austin, Chicago, Ill.
- Standard Plumbing Supply Co., St. Anns av & 159th, New York.
- Standard Plunger Elev. Co., 327 S. La Salle, Chicago, Ill.; 105 W. 40th, New York, & Stafford, Worcester, Mass.
- Standard Pneumatic Action Co., 638 W. 52d, New York.
- Standard Portland Cement Co., Birmingham, Ala.
- Standard Portland Cement Co., Leeds, Ala.
- Standard Portland Cement Corp'n, Crocker Bldg., San Francisco, Cal.
- Standard Pottery Co., East Liverpool, Ohio.
- Standard Powder Co., 2d Nat. Bk. Bldg., Pittsburgh, Pa.
- Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.
- Standard Printing Ink Co., 1644 Providence, Cincinnati, Ohio.
- Standard Publishing Co., gummed labels, Vineland, N. J.
- Standard Pulley Co., 1734 Power, Cincinnati, Ohio.
- Standard Pump & Engine Co., 798 Carroll, Akron, Ohio.
- Standard Ry. Equipment Co., 20 W. Jackson Blvd., Chicago, Ill.
- Standard Ry. Gate Co., signals, Saginaw, Mich.
- Standard Range & Stove Co., 32 Union, Boston, Mass.
- Standard Red Cedar Chest Co., Altavista, Va.
- Standard Register Co., Callahan Power Bldg., Dayton, Ohio.
- Standard Regulator Co., 90 West, New York.
- Standard Ring Traveler Co., tex. machy., supplies, etc., New Bedford, Mass.
- Standard Rivet Co., 41 Lincoln, Boston, Mass.
- Standard Roll Co., sand rolls, Worcester, Mass.
- Standard Roller Bearing Co., steel balls, ball & roller bearings & wire wheels, 50th & Lancaster av, Philadelphia, Pa.
- Standard Roller Mills Co., flour, Cerulean, Ky.
- Standard Rolling Mills, block tin pipe, 363 Hudson, Brooklyn, N. Y.
- Standard Salt & Cement Co., Duluth, Minn.
- Standard Salt & Lime Co., Duluth, Minn.
- Standard Sand & Machine Co., 5150 St. Clair, Cleveland, Ohio.
- Standard Sanitary Mfg. Co., machsts. & fndrs., & porcelain, plumbing goods, Bessemer Bldg., Pittsburgh, Pa.
- Standard Sanitary Pottery Co., Elizabeth, N. J.
- Standard Sash & Door Co., 5821 S. Racine av, Chicago, Ill.; 5214 Sweeney av, Cleveland, Ohio, & Seattle, Wash.
- Standard Saw Mill Machy. Co., Erie, Pa.
- Standard Saw & Tool Mfg. Co., Kane, Pa.
- Standard Scale & Supply Co., mill & facty. supplies, store trucks, 1631 Liberty av, Pittsburgh, Pa.
- Standard Scientific Co., chemicals, 147 Waverly pl, New York.
- Standard Screen Co., window screens, 1858 Hastings, Chicago, Ill.
- Standard Screw Co., brass cap nuts, 81 E. Madison, Chicago, Ill.
- Standard Screw Products Co., cor Bellevue & Warren, Detroit, Mich.
- Standard Seed Tester Co., Decorah, Ia.
- Standard Separator Co., 45th & Burnham, Milwaukee, Wis.
- Standard Sewer Pipe Works, Rome, Ga.
- Standard Sewing Machine Co., 6402 Cedar av, S. E., Cleveland, Ohio.
- Standard Shade Roller Co., Ogdensburg, N. Y.
- Standard Sheet Metal Mfg. Co., Washington, Pa.
- Standard Shipbuilding Corp., 44 Whitehall, New York, & Shooters Isl., West Brighton, N. Y.
- Standard Shoe Machinery Co., 600 Essex, Lawrence, Mass.
- Standard Shoe Tying Mach. Co., 19 Lincoln, Boston, Mass.
- Standard Shutter & Iron Wks., 2542 Bellevue, Kansas City, Mo.
- Standard Slag Co., Youngstown, Ohio.
- Standard Slate Corp., roofing mfrs., Esmont, Va.
- Standard Soap Co., Berkeley, Cal., Camden, N. J., 365 9th av, New York, & 40 Beale, San Francisco, Cal.
- Standard Soap Mfg. Co., Woonsocket, R. I.
- Standard Spec. & Tube Co., machsts., New Brighton, Pa.
- Standard Spinning & Stamping Co., coffee percolators, Toledo, O.
- Standard Spiral Pipe Works, 48th & Rockwell, Chicago, Ill.
- Standard Stained Shingle Co., N. Tonawanda, N. Y.
- Standard Stamp Affixer Co., Somerville, Mass.
- Standard Stamping Co., B'way & Chambers, St. Louis, Mo.
- Standard Stamping Co., elec. cooking app., Marysville, Ohio.
- Standard Stamping & Die Co., 151 33d, Brooklyn, N. Y.
- Standard Steam Spec. Co., 542 W. B'way, New York.
- Standard Steel Box Co., Bridgeville, Pa.
- Standard Steel Car Co., Hammond, Ind., & Frick Bldg., Pittsburgh, Pa.
- Standard Steel Castings Co., machsts. & fndrs., 3311 W. 73d, Cleveland, Ohio.
- Standard Steel Shelving Co., 142 Pearl, Boston, Mass.
- Standard Steel Tube Co., Toledo, Ohio.
- Standard Steel Works Co., axles, castings, flanges, forgings, gears, rings, rods, springs, tires, wheels, etc., Morris Bldg., Philadelphia, Pa.
- Standard Stoker Co., locomotive stokers, du Pont Bldg., Wilmington, Del.
- Standard Stone & Brick Co., Bellaire, Ohio.
- Standard Store Service, Inc., wire & cable carriers, conveying apparatus, etc., Hartford, Conn.
- Standard Stove Lining Co., Taunton, Mass.
- Standard Stove Wks., fndrs., Columbus, Miss.
- Standard Supply Co., oil & gas well, Scio, Ohio.
- Standard Supply Co., mill & facty. supplies, Wilmington, N. C.
- Standard Supply Co., plumbers' supplies, jobbers, 420 Carroll, New Orleans, La., & Portsmouth, Ohio.
- Standard Supply Co., wood core prints, Quincy, Ill.
- Standard Supply & Equipment Co., plumbers' supplies, jobbers, Altoona, Pa.
- Standard Syrup Co., canned, 215 S. 2nd, St. Louis, Mo.
- Standard Tank & Seat Co., Camden, N. J.
- Standard Teaming Co., crushed stone, Houston, Tex.
- Standard Textile Co., cotton batting, Glens Falls, N. Y.
- Standard Thermometer Co., 65 Shirley, Boston, Mass.
- Standard Thread Co., 532 W. 22d, New York.
- Standard Tin Plate Co., Canonsburg, Pa.
- Standard Tire Protector Co., Akron, Ohio.
- Standard Tire & Rubber Co., pneumatic ties, 104 Portland, Boston, Mass.
- Standard Tire & Rubber Mfg. Co., Hippodrome Bldg., Cleveland, Ohio.
- Standard Tobacco Stemmer Co., tobacco machy., 5520 2nd av, Brooklyn, N. Y.
- Standard Tool Co., twist drills, etc., 6900 Central av, Cleveland, Ohio.
- Standard Tool & Mfg. Co., Indianapolis, Ind.
- Standard Top & Equipment Co., 6014 Euclid, Cleveland, Ohio.
- Standard Towel Co., Newton, N. J.
- Standard Toy Marble Co., Akron, Ohio.
- Standard Trunk Co., 535 B'way, New York.
- Standard Turpentine Co., tar oils, Jacksonville, Fla.
- Standard Twinning Works, dowels & wood turnings, 740 Main, Cambridge, Mass.
- Standard-Tyler Co., ornamental iron & bronze, 2346 W. 15th, Chicago, Ill.
- Standard Ultramarine Co., blues, Huntington, W. Va.
- Standard Utility Co., contractors, cornices, 225 Lexington av, New York.
- Standard Valve Gear Co., Toledo, Ohio.
- Standard Varnish Wks., baking enamels, marine paints, 90 West, New York.
- Standard Varnish Wks., 2589 Richmond ter, Elm Park, N. Y.
- Standard Vending Mach. Co., fly killers, Hazleton, Pa.
- Standard Ventilator Co., Lewisburg, Pa.
- Standard Vitrified Brick Co., Coffeyville, Kans.
- Standard & Vulcanite Pen Co., fountain pen mfrs., 752 Lex. av, Brooklyn, N. Y.
- Standard Wall Paper Co., Hudson Falls, N. Y.
- Standard Water Systems Co., condensers, heaters, stills, tanks, etc., 71 Beaver, New York, & Hampton, N. J.
- Standard Wax & Import Co., 95 William, New York.
- Standard Wheel Co., Terre Haute, Ind.
- Standard Whip Co., Westfield, Mass.
- Standard Whol. Phosphate Co., acid phosphate & fertilizer mfrs., Continental Bldg., Baltimore, Md.
- Standard Wire Co., New Castle, Pa.
- Standard Wood Nov. Co., 256 Pearl, New York.
- Standard Wood Pipe Co., Williamsport, Pa.
- Standard Wood Treating Co., 31 Union sq., New York.
- Standard Woven Fabric Co., mechanical rubber goods, brake lining, etc., mfrs., South, Walpole, Mass.
- Standart Bros., Ltd., whol. hdwe. & tin plate, 155 Woodbridge av, Detroit, Mich.
- Standart Portland Cement Corp., Crocker Bldg., San Fran., Cal.
- Standart-Simmons Hdwe. Co., 48 S. Erie, Toledo, Ohio.
- Stander, Jacob, bedstead mfrs., 251 Varet, Brooklyn, N. Y.
- Standifer-Clarkson Co., ship builders, Portland, Ore.
- Standring, Sam'l, machst., Hope & Somersset, Phila., Pa.
- Stanfield, M. B., weather strips, 535 Tusculum av, Cincinnati, O.
- Stanfield, Thos. B., & Co., contractors, 212 Clay, Baltimore, Md.
- Stanford-Crowell Co., advertising signs, Ithaca, N. Y.



- Stanford Steel Products Co., cold rolled strip steel mfrs., Milford, Conn.
- Stanford University Dept. of Engineering, engng. schools & coll., San Francisco, Cal.
- Stanhope, Leon E., architect, 111 W. Monroe, Chicago, Ill.
- Staniford, J. W., & Co., gauge glasses, 40 Hanover, Boston, Mass.
- Stanley, A. F., insulators, New York.
- Stanley, Arthur C., contractor, Bangor, Me.
- Stanley Belting Corp'n, 34 S. Clinton, Chicago, Ill.
- Stanley Bronze Co., fndrs., Bridgeport, Conn.
- Stanley, C. C., canned goods, Hollins, Va.
- Stanley, Calrow L., file & rasp mfr., Lowell, Mass.
- Stanley Co., gas & marine engines, Salem, Mass.
- Stanley Co., machsts. & fndrs., 79 Milk, Boston, Mass.
- Stanley, G. W., architect, 668 Kearney, Portland, Ore.
- Stanley, Geo. E., Co., tuyere irons, nails, staples, Belleville, Ill.
- Stanley, H. A., canned goods, Bedford, Va.
- Stanley Hoisting Co., 620 W. 25th, New York.
- Stanley Insulating Co., bottles—vacuum, Great Barrington, Mass.
- Stanley, J. B., contractor, Durham, N. C.
- Stanley, James, soap, 537 W. 29th, New York.
- Stanley, Jno. T., soap, metal polish, 642 W. 30th, New York.
- Stanley Motor Carriage Co., Newton, Mass.
- Stanley, O., architect, Bardstown Ky.
- Stanley & Patterson, Inc., electrical specialties mfrs., 23 Murray, New York.
- Stanley Reinforced Concrete Co., pipe, Centralia, Wash.
- Stanley Rule & Level Co., carpenters & mechanics' tool mfrs., New Britain, Conn.
- Stanley-Smith Lumber Co., Hood River, Ore.
- Stanley, Wm. W., canvas goods, 50 Church, New York.
- Stanley Works, builders cabinet & shelf hardware, cold rolled strip steel & box strapping mfrs., New Britain, Conn.
- See adv index at end of book.*
- Stannard Iron Foundry, New Haven, Conn.
- Stannard, J. B., architect, Ingle blk., San Diego, Cal.
- STANNARD MFG. CO.**, little giant expansion screw sleeves mfrs., 371 Allen, Springfield, Mass.
- See adv index at end of book.*
- Stansbury Canning Co., Richmond, Va.
- Stansbury, Chas. V., contractor, W. Hellman Bldg., Los Angeles, Cal.
- Stansbury, Daniel R., hgt. contr., 1304 H. N. W., Washington, D. C.
- Stansbury, H. O., Co., rat traps, 415 Commerce, Phila., Pa.
- Stansbury, J. A. & Bro., contrs., 816 Olive, St. Louis, Mo.
- Stansbury, Jas. H., sash, door & blind mfrs., Hollis, N. Y.
- Stant, Benj. F., contractor, Camden, N. J.
- Stant, Geo., Mach. Works, Connerville, Ind.
- Stanton, Brace L., contractor, Billings, Mont.
- Stanton, E. H., Co., meat packers, Spokane, Wash.
- Stanton, E. J., & Son, lumber, Los Angeles, Cal.
- Stanton Foundry & Machine Co., Palatka, Fla.
- Stanton, Geo., contractor, 120 Worth, New York.
- Stanton Heater Co., Martin's Ferry, Ohio.
- Stanton, Jno. F., architect, 835 Kansas av, Topeka, Kans.
- Stanton, Samuel M., architect, Ann Arbor, Mich.
- Stanton, Wm. A., architect, Vicksburg, Miss.
- Stanton, Wm. C., architect, 1328 Walnut, Phila., Pa.
- Stanwood Lumber Co., Stanwood, Wash.
- Stapf & Benfer, contrs., Harrisburg, Pa.
- Stapf, Otto K., architect, Rose Bldg., Cleveland, Ohio.
- Staple Post Mold Co., Westerville, Ohio.
- Staples Brick Co., Kingston, N. Y.
- Staples Bros., cornices, 218 S. Kababa, St. Paul, Minn.
- Staples Bros., masons' & bldrs.' matls., Lowell, Mass.
- Staples Coal Co., masons' & bldrs.' matls., Fall River & Taunton, Mass.
- Staples & Gould, mill & facty. supplies, Milford, Mass.
- Staples, H. F., & Co., furniture polish, Medford, Mass.
- Staples & Hanford Co., spring beds, Newburgh, N. Y.
- Staples & Hartman, carriages, Stroudsburg, Pa.
- Staples-Hildebrand Co., masons' & bldrs.' matls., South Bend, Ind.
- Staples, I. S., & Son, carriages, Brooks, Me.
- Staplin & Smith, Rabbit metal, belt dressing, etc., 359 W. Austin, Chicago, Ill.
- Star Bit & Tool Co., Rockford, Ill.
- Star Boiler Works, Clinton, Ia.
- Star Brass Mfg. Co., gauges, lubricators, valves, etc., 104 E. Dedham, Boston, Mass.
- Star Brass Works, machsts., 319 N. Albany av, Chicago, Ill.
- Star Brass Works, trolley wheels mfrs., Fulford & Eggleston, Kalamazoo, Mich.
- Star Brass Works Co., bearings, castings, machsts., etc., 2623 McGee, Kansas City, Mo.
- Star Brick Co., Des Moines, Ia.
- Star Bros. Bell Co., unmounted gongs, East Hampton, Conn.
- Star Bucket Pump Co., 1218 W. 15th, St. Louis, Mo.
- Star Button Works, 53 W. 28th, New York.
- Star Canning Co., Republic, Mo., & Roy, Utah.
- Star Carriage Co., Seattle, Wash.
- Star Clay Co. (Ltd.), Mertztown, Pa.
- Star Clay Products Co., Elmendorf, Tex.
- Star Coal & Cement Co., masons' & bldrs.' matls., Dayton, Ohio.
- Star Coal Co., masons' & bldrs.' matls., Beloit, Wis.
- Star Cornice Skylight & Roofing Works, 569 3d av, New York.
- Star Corundum Wheel Co., emery wheel dressers, 241 Cavalry av, Detroit, Mich.
- Star Coulter Co., plow coulters, Canton, Ohio.
- Star & Crescent Co., turkish towels, Lehigh av & Hancock, Philadelphia, Pa.
- Star & Crescent Milling Co., mill feed, 160 W. Jackson blvd., Chicago, Ill.
- Star Cut Stone Co., 376 Oak, Buffalo, N. Y.
- Star Dist. Co., 905 Mev. Let. Bldg., Cincinnati, Ohio.
- Star Drilling Machine Co., Akron, Ohio.
- Star Dynamo Co., Jefferson City, Mo.
- Star Egg Carrier & Tray Mfg. Co., Rochester, N. Y.
- Star Elec. Co., dry batteries, Niles, Ohio.
- Star Elec. Co., fire alarm signal boxes, Binghamton, N. Y.
- Star Elec. Co., ground connection clamps, 212 S. 8th, Phila., Pa.
- Star Elec. Co., Newark, N. J.
- Star Elec. Fuse Works, blasting batteries, miners' squibs, Wilkes-Barre, Pa.
- Star Electrode Works (of Nat. Carbon Co.), Niagara Falls, N. Y.
- Star Expansion Bolt Co., bolt, clamps, etc., mfrs., 147 Cedar, New York.
- Star Fan & Motor Works, 245 N. J. R. R. av, Newark, N. J.
- Star Felt Cutting Co., felt washers, gaskets, etc., 260 69th, Brooklyn, N. Y.
- Star Foundry Co., Covington, Ky.
- Star Foundry & Mach. Works, Anderson, Ind.
- Star Furnace Co., Jackson, Ohio.
- Star Fuse Co., 290 Church, New York.
- Star Glass Co., Glassboro, N. J.
- Star Glass Co., lamp chimney, Star City, W. Va.
- Star Glass Co. (Ltd.), Medford, N. J.
- Star Grain & Lumber Co., masons' & bldrs.' matls., Waverly, Kans.
- Star Granite Co., Barre, Vt.
- Star Gum Co., vending machines, 320 Harvard av, Chicago, Ill.
- Star Hame Mfg. Co., Blanchester, Ohio.
- Star Hardware & Supply Co., Toledo, Ohio.
- Star Headlight Co., Commercial, Rochester, N. Y.
- Star Heel Plate Co., Hamburg pl, Newark, N. J.
- Star Iron Works, fndrs., Gowanda, N. Y.
- Star Jack Co., Bloomfield, Ind.
- Star Knitting Co., knitted gloves, La Crosse, Wis.
- Star Lime Co., Hannibal, Mo.
- Star Lock Works, 110 S. 8th, Philadelphia, Pa.
- Star Lubrg. Oil Co., 8714 B'way, Cleveland, Ohio.
- Star Mach. Co., Marietta, Ohio.
- Star Machinery Co., 1731 1st av, S., Seattle, Wash.
- Star Mfg. Co., agricultural implements, Carpenterville, Ill., & New Lexington, Ohio.
- Star Metal Box Co., conduit hangers, 507 W. 19th, New York.
- Star Mill & Elevator Co., flour, Hennessy, Okla.
- Star Milling Co., flour, Aurora, Ind.
- Star Milling Co., flour, Buckhannon, W. Va.; North Tazewell, Va.; Shoals, Ind., & Statesville, N. C.
- Star Music Co., pianos, 9 E. Harrison, Chicago, Ill.
- Star Nickel Plating Works, 232 N. 5th, Philadelphia, Pa.
- Star Oil Co., lubrg., 440 N. Halstead, Chicago, Ill.
- Star Ornamental Iron & Wire Works, 2525 Frazier, Pittsburgh, Pa.
- Star Paper Dish Co., Richmond, Va.
- Star Pea Huller Co., machsts., Chattanooga, Tenn.
- Star Peerless Wall Paper Mills, Joliet, Ill.
- Star Pin Co., Derby, Conn.
- Star Pin Co., hair pins, Shelton, Conn.
- Star Planing Mill Co., sashes, doors & blinds, Mount Sterling, Ky.
- Star Plating Wks., 98 B'way, Buffalo, N. Y.
- Star Pointer Pump Mfg. Co., paint & white wash spraying machines, Menasha, Wis.
- Star Porcelain Co., porcelain specialties, Trenton, N. J.
- Star Refining Co., smelters & refiners, 116 W. First, Boston, Mass.
- Star Ribbon Mfg. Co., woven labels, 456 4th av, New York.
- Star Rubber Co., Akron, O.
- Star Sand Co., Portland, Ore.
- Star Seal Co., machsts., 55 Wall, New York.
- Star Seeder Co., Shortsville, N. Y.
- Star Specialty Co., beaters (egg & cream), Ashland, O.
- Star Specialty Mfg. Co., grinders, vises, etc., 227 W. Erie, Chicago, Ill.
- Star Speedometer Co., Milton, Pa.
- Star Stone Co. (of Chicago), Bloomington, Ind.
- Star Stoneware Co., Crooksville, Ohio.
- Star Storm Front Co., buggy aprons, Troy, Ohio.
- Star Tank Co., Goshen, Ind.
- Star Tool Mfg. Co., printers' composing sticks, Springfield, O.
- Star Watch Case Co., Ludington, Mich.
- Star Webbing Works, Brockton, Mass.
- Star Wks., brick, 22nd & R. R., Pittsburgh, Pa.
- Starbird, W. D., architect, Spalding Bldg., Portland, Ore.
- Starbird, W. D., machy. dlr., Spokane, Wash.
- Starbuck, H. F., architect, Rowell Bldg., Fresno, Cal.
- Starbuck Mfg. Co., hog oilers, Peoria, Ill.
- Starbuck, R. M., & Sons, plumbers' supplies, Hartford, Conn.
- Starch Bros. Co., machsts. & fndrs., La Crosse, Wis.



- Starchroom Publishing Co., 415 Pioneer, Cincinnati, Ohio.  
 Starck, P. A., Piano Co., 208 W. Wabash av, Chicago, Ill.  
 Starin, Arthur N., architect, Duluth, Minn.  
 Star-Rite Engine Co., La Crosse, Wis.  
 Stark Car Coupler Corp., Strasburg, Va.  
 Stark Distillery Co., 217 Pine, St. Louis, Mo.  
 Stark, H. F., contractor, Greensburg, Pa.  
 Stark, H., & Co., cornices, 901 Victor, St. Louis, Mo.  
 Stark, Jas. E., & Co., lumber, Memphis, Tenn.  
 Stark Mills, bagging, sheetings, tickings, etc., Manchester, N. H.  
 Stark Paper Co., North Bennington, Vt.  
 Stark Rolling Mill Co., Canton, Ohio.  
 Stark, T., & Co., contractors, Cedar Rapids, Ia.  
 Stark Textile Co., auto, binding, Valatie, N. Y.  
**STARK TOOL CO.**, bench & precision lathes, & milling machine mfrs., 218½ Moody, Waltham, Mass.  
*See adv index at end of book.*  
 Starke, C. H., Dredge & Dock Co., 509 Canal, Milwaukee, Wis.  
 Starke, Hy., Land & Lumber Co., Arcadia, Mich.  
 Starke Lumber Co., Saxton, Fla.  
 Starke's Dixie Plow Wks., Richmond, Va.  
 Starkey, I. (Est. of), masons' & bldr.' matls., Holden, Mo.  
 Starkey, John, brick, North Industry, Ohio.  
 Starkweather, R. R., Co., stairbuilders' supplies, Oshkosh, Wis.  
 Starkweather & Williams Co., plate glass, 47 Exch. pl, Providence, R. I.  
 Storm, Arthur M., architect, Providence Bldg., Duluth, Minn.  
 Starr Bros. Bell Co., East Hampton, Conn.  
 Starr, C. M., Mfg. Co., machsts., South Bend, Ind.  
 Starr, D. H., auto, top & carriage bows, Highland, N. Y.  
 Starr, Hyman, bathing suits, sweaters, 79 E. 130th, New York.  
 Starr, J. G. & Son, harness, saddles & strak wk. mfrs., Decatur, Ill.  
 Starr, Jno. V., architect, Tulsa, Okla.  
 Starr, Julian S., architect, Rock Hill, S. C.  
 Starr-Nettleton Mfg. Co., nippers, East Hampton, Conn.  
 Starr Package Machy. Co., Northampton, Mass.  
 Starr Piano Co., Richmond, Ind.  
 Starr, W. C., & Son Co., chains, Indianapolis, Ind.  
 Starratt & Jones Co., mill & facty. supplies, 28 Howard, New York.  
 Starrells, Morris & Co., bathing suit mfrs., 2122 E. Dakota, Philadelphia, Pa.  
 Starret & Goss, contractors, 103 Park av, New York.  
 Starrett, F. M., architect, Forest Grove, Ore.  
 Starrett, Fields Co., masons' & bldrs.' matls., 809 Mass. av, Boston, Mass.  
 Starrett, L. S., Co. (The), fine mechanical tools, mfrs., Athol, Mass. *See adv index at end of book.*  
 Starrett & Van Vleck, architects, 8 W. 40th, New York & Cuyahoga Bldg., Cleveland, O.  
 Starrs, Wm., contractor, 250 15th, Detroit, Mich.  
 Stary, Frank & Sons, machsts. & fndrs., Cedar Rapids, Ia.  
 Stasse, John, architect, 533 Garden, Hoboken, N. J.  
 State Architect's Office, Capitol Bldg., Albany, N. Y.  
 State Coll. of Ky., engng. school & coll., Lexington, Ky.  
 State College of Mines, engng. school & coll., Rapid City, S. D.  
 State Improvement Co., contractors, Crocker Bldg., San Francisco, Cal.  
 State Mfg. Co., boiler compounds, 3545 E. 76th, Cleveland, O.  
 State Oil Co., compounds, sweeping, Lincoln, Neb.  
 State School of Mines, Golden, Colo.  
 State School of Mines, University of Utah, engng. school & coll., Salt Lake City, Utah.  
 Staten Island Shipbuilding Co., 3083 Richter ter, Port Richmond, N. Y.  
 Staten Island Supply Co., mill & facty. supplies, 398 Bay, West New Brighton, N. Y.  
 States Co., testing clamps, phase shifters, etc., 19 New Park av, Hartford, Conn.  
 States Elec. Co., disconnecting switches, 622 W. Adams, Chicago, Ill.  
 States Motor Car Mfg. Co., Kalamazoo, Mich.  
 Statesir Lumber Co., Freehold, N. J.  
 Statesman Co., advtg. signs, Marshall, Mich.  
 Statesville Flour Mill Co., Statesville, N. C.  
 Statesville Show Case Co., Statesville, N. C.  
 Stathem-Cosier Co., canned goods, Newport, N. J.  
 Stationers' Loose Leaf Co., Milwaukee, Wis.  
 Station-Moore Canning Co., Fruitland, Md.  
 Statter & Co., meat packers, Sioux City, Ia.  
 Staub, Jas. A., brick, New Oxford, Pa.  
 Stauder, N. B., contractor, Lorain, O.  
 Staudte & Reuckoldt Mfg. Co., store & bar fix., 112 Souard, St. Louis, Mo.  
 Stauduhar, Geo. P., architect, Rock Island, Ill.  
 Stauffer, A. T. B., lumber, Bechtelsville, Pa.  
 Stauffer Chemical Co., 624 California, San Francisco, Cal.  
 Stauffer, Eshleman & Co., Ltd., mill & factory supplies & wholesale hardware, 511 Canal, New Orleans, La.  
 Stauffer, Geo. M., brick, Gladbrook, Ia.  
 Stauffer, Jos. R., coke mfr., Scottdale, Pa.  
 Stauffer, P., cornices, Moberly, Mo.  
 Stauffer, Van Avery Co., cornices & skylights, Eldora, Ia.  
 Stauter, Ira H., contractor, Peru, Ind.  
 Stave Elec'l Co., lamps, 131 Hudson, New York.  
 Stavenhagen, W. H., Co., leaded glass shades, etc., 447 W. 26th, New York.  
 Staver Carriage Co., machsts., 76th & Wallace, Chicago, Ill.  
 Staybestos Mfg. Co., brake lining, Germantown, Phila., Pa.  
 Steacy-Schmidt Mfg. Co., machsts. & fndrs., kilns, turntables, etc., York, Pa.  
 Steacy & Wilton Co., lime mfrs., Wrightsville, Pa.  
 Steacy & Wilton Co., lime, stone, Bittinger, Pa.  
 Stead, Robert, architect, 904 F. N.W., Washington, D. C.  
 Steadman, Frank, pianos, Yonkers, N. Y.  
 Steam, trade publication, 90 West, New York.  
 Steam Appliance Co., boiler cleaners, 63d & No. Burnham, Milwaukee, Wis.  
 Steam Carriage Boiler Co., Oswego, N. Y.  
 Steamfitters' Supply Co., 10 W. Illinois, Chicago, Ill.  
 Stearn, Harris, scrap iron & steel, 417 S. Clinton, Chicago, Ill.  
 Stearnes Steel Range Co., cooking apparatus, 215 N. Michigan av, Chicago, Ill.  
 Stearns, A. T., Lumber Co., builders' finish, tanks, vats, lumber, etc., 100 Taylor, Neponset, Boston, Mass.  
*See adv index at end of book.*  
 Stearns & Castor, architects, Stephen Girard Bldg., Phila., Pa.  
 Stearns Co., saw mills, etc., Erie, Pa.  
 Stearns, E. C. S., & Co., hdwc. mfrs., levels, nut crackers, 450 Oneida, Syracuse, N. Y.  
 Stearns Elec. Taste Co., insecticides, 122 S. Michigan, Chicago, Ill.  
 Stearns, F. B., Co., automobile bldrs., Euclid av & Lakeview rd, Cleveland, Ohio.  
 Stearns, F. M., & Co., pipe joints cements, Jamestown, N. Y.  
 Stearns, Fitch & Co., china kilns, Springfield, Ohio.  
 Stearns & Foster Co., cotton felts, mattresses, etc., Lockland, O.  
 Stearns, Frank P., contractor, Fredericksburg, Va.  
 Stearns, Frederic Baldwin, architect, 14 Kilby, Boston, Mass.  
 Stearns Gas Engine Wks., Los Angeles, Cal.  
 Stearns, J. S., Co., lbr. mfrs., Grand Rapids, Mich.  
 Stearns, J. S., Lumber Co., Odanah, Wis.  
 Stearns, Joel M., agrl. implements, mill & facty. supplies & wholesale hardware, Greenfield, Mass.  
 Stearns Lime Co., Danbury, Conn.  
 Stearns Lime & Stone Co., 160 W. Randolph, Chicago, Ill.  
 Stearns & McKay Co., ship bldrs., Marblehead, Mass.  
 Stearns Mfg. Co., wrenches, Toledo, Ohio.  
 Stearns Register Co., 111 Fort, E., Detroit, Mich.  
 Stearns-Roger Mfg. Co., mill & facty. supplies, Denver, Colo.  
 Stearns Salt & Lumber Co., Ludington, Mich.  
 Stearns, W. H., Stamping Co., sheet metal stamping, Worcester, Mass.  
 Stebbings, W. L., arch'l consulting engrs., Monadnock Bldg., Chicago, Ill.  
 Stebbins, E., Mfg. Co., founders, Springfield, Mass.  
 Stebbins Engng. & Mfg. Co., machsts., Watertown, N. Y.  
 Stebbins, H. B., Lumber Co., Mason Bldg., Boston, Mass.  
 Stebbins & Haxby, architects, Auditorium Bldg., Minneapolis, Minn.  
 Stebbins Mfg. Co., machinery, Denver, Colo.  
 Stebbins, Wallace, & Sons, mill & facty. supplies, machy. dirs., 100 S. Charles, Baltimore, Md.  
 Stebbins & Watkins, architects, 164 Federal, Boston, Mass.  
 Steber Mach. Co., Utica, N. Y.  
 Stebinger Bros., contractors, 626 B'way, Portland, Ore.  
 Stecher, A., strings—gut, 46th & So. Racine av, Chicago, Ill.  
 Stecher, Chas., Co., screw machines, 1574 Crossing, Chicago, Ill.  
 Stecher Cooperage Wks., wooden kegs, 3d & Barton, St. Louis, Mo.  
 Stecher & Spelrein Co., advtg. nov. & spec., 65 W. Houston, New York.  
 Steck, Geo., & Co., pianos, 605 E. 132d, New York.  
 Steckenreiter Iron Wks., Calyer & Jewell, Brooklyn, N. J.  
 Stecker Elec. & Mach. Co., junction boxes, gas igniters, Detroit, Mich.  
 Stedman, Chas. R., architect, 1325 E. 105th, N. E., Cleveland, O.  
 Stedman, F. C., Co., meat packers, Athens, Ohio.  
 Stedman, Geo. O., architect, Rome, N. Y.  
 Stedman, J. H., Co., scrap rubber, South Braintree, Mass.  
 Stedman, M. W., rakes, Tyngham, Mass.  
 Stedman, P. H., founder, Newport, R. I.  
 Steed Bros., machinists, New Mount Pleasant, Ind.  
 Steel Basket Co., Cedar Rapids, Ia.  
 Steel Car Forge Co., Frick Bldg., Pittsburgh, Pa.  
 Steel City Elec. Co., flexible mtic. conduits, 1207 Columbus av, Pittsburgh, Pa.  
 Steel Fixture Mfg. Co., Topeka, Kan.  
 Steel Furniture Co., Grand Rapids, Mich.  
 Steel Heddle Mfg. Co., textile machy., supplies, etc., 2110 Allegheny av, Philadelphia, Pa.  
 Steel Improvement & Forge Co., case hardening, 5003 Windsor av, Cleveland, Ohio.  
 Steel Mill Packing Co., Detroit, Mich.  
 Steel Products Co., bolts, 2206 Clarkwood av, S. E., Cleveland, O.  
 Steel Products Co., 232 E. Broad, Savannah, Ga.  
 Steel Products Engineering Co., grinders & special machinery, Springfield, Ohio.  
 Steel Protected Concrete Co., Real Estate Trust Bldg., Philadelphia, Pa.  
 Steel Rail Supply Co., 2 Rector, New York.  
 Steel Roofing & Stamping Works, Des Moines, Ia.



Steel Sales Corp., iron & steel merchants & mfrs., 127 S. Jefferson, Chicago, Ill.  
 Steel (The) Scaffolding Co., Evansville, Ind.  
 Steel Socket Shaft End Co., 1432 E. 49th, Cleveland, Ohio.  
 Steel Specialties Co., lock nuts & washers, Waltham, Mass.  
 Steel & Taylor, metal buttons, 12 W. 32d, New York.  
 Steel, W. B., canned goods, Port Deposit, Md.  
 Steel White Co., steel kitchen furniture & hospital equipment, Jamestown, N. Y.  
 Steel & Wike Co., steel struct'l wk., 533 N. 13th, Phila., Pa.  
 Steele, Alderfer Co., lumber, Cuyahoga Falls, Ohio.  
 Steele, Benton, architect, Halstead, Kan.  
 Steele & Condict, machsts. & fndrs., 74 Pearl, Jersey City, N. J.  
 Steele, D. D., architect, First Nat'l Bk. Bldg., Houston, Tex.  
 Steele, E. J., machinists & founders, Boaz, Ala.  
 Steele, Fletcher, landscape architect, 88 Broad, Boston, Mass.  
 Steele Glass Co., 622 Locust, Philadelphia, Pa.  
 Steele Hardware Co., Parsons, Kan.  
 Steele & Hibbard Lbr. Co., 3125 N. B'way, St. Louis, Mo.  
 Steele, J. C., & Sons, cars & machinery, Statesville, N. C.  
 Steele & Johnson, lbr. mfrs., Winnsboro, La.  
 Steele & Johnson Mfg. Co., shade holders, etc., 779 S. Main, Waterbury, Conn.  
 Steele Mfg. Co., machsts. & fndrs., Gloversville, N. Y.  
 Steele Table Co., Port Norfolk, Va.  
 Steele, W. M., automobile bldrs., Worcester, Mass.  
 Steele, Wilbur S. Co., furnace pipe & hot air furnace tops, Hartford, Conn.  
 Steele, Wm. L., architect, United Bk. Bldg., Sioux City, Ia.  
 Steele, Wm., & Sons Co., contractors, 1600 Arch, Phila., Pa.  
 Steelton & Harrisburg Brick Co., Steelton, Pa.  
 Steelton Planing Mill Co., Steelton, Pa.  
 Steen, James T., architect, Fulton Bldg., Pittsburgh, Pa.  
 Steen Rice & Cotton Mill Co., Abbeville, La.  
 Steen, Thos. J. Co., concrete steel const., 30 Church, New York.  
 Steenberg, O. C. Co., sash, door & blind, Fond Du Lac, Wis.  
 Steenland Constr. Co., Palisades Park, N. J.  
 Steep, W. H., common brick, Seneca, Ill.  
 Steere, Geo., metal numbers, 432 S. Dearborn, Chicago, Ill.  
 Steere, John W., & Son Organ Co., Springfield, Mass.  
 Steers, Hy., Sand & Gravel Co., 17 Battery pl, New York.  
 Steers Supply Co., belt dressing, 99 John, New York.  
 Stefani, Angelo, stone, Detroit, Mich.  
 Steffens-Amberg Co., hdwe. mfrs., machsts., 262 Morris av, Newark, N. J.  
 Steffens, G., architect, Dime Bk. Bldg., Detroit, Mich.  
 Steffens & Steffens, architects, Williamson Bldg., Cleveland, Ohio.  
 Steffes, M., Son, masons' & bldrs.' matls., Penobscot Bldg., Detroit, Mich.  
 Steffey Mfg. Co., gas engines, Philadelphia, Pa.  
 Steffia, W. A., architect, Lincoln, Neb.  
 Stege, E. A., Mfg. Co., machsts. & fndrs., Louisville, Ky.  
 Stegeman Motor Car Co., 606 Linus, Milwaukee, Wis.  
 Steger & Sons Piano Mfg. Co., 238 S. Wabash av, Chicago, Ill.  
 Stegmayer, Charles, architect, 168 E. 91st, New York.  
 Stegner & Hughes, architects, Commercial Tribune Bldg., Cincinnati, Ohio.  
 Stehlin-Miller Henes Co., lamp guards, 103 Park av, New York.  
 Stehling, Chas. H. Co., hide & leather working, tanning, etc., machinery, 401 4th, Milwaukee, Wis.  
 Stehman Bros., lbr., Rainier, Ore.  
 Stehr, C., smoking pipes, 347 Broome, New York.  
 Steidl Bros., meat packers, Mattoon, Ill.  
 Steiger, E., & Co., crude rubber, 49 Murray, New York.  
 Steiger & Kerr Stove & Foundry Co., 2201 Folsom, San Francisco, Cal.  
 Steiger, P., Trunk & Bag Co., 794 Broad, Newark, N. J.  
 Steiger Terra Cotta & Pottery Wks., Mills Bldg., San Fran., Cal.  
 Steigert, L. Co., safety water columns, food choppers, etc., Logan & Elder, Cincinnati, Ohio.  
 Steigerward, Ed., & Sons, bldg. contrs., 2303 Galena, Milwaukee, Wis.  
 Steigleiter, Fredk., architect, 213 Hudson, Hoboken, N. J.  
 Steimer & Moore Whip Co., Westfield, Mass.  
 Stein, Adam, organs, 5 N. Green, Baltimore, Md.  
 Stein Constr. Co., Chattanooga, Tenn.  
 Stein-Ebertshaeuser & Co., stone producers, 1017 W. Division, Chicago, Ill.  
 Stein, Henry, plumbers' supplies, jobbers, 48 Cliff, New York.  
 Stein, Hirsh & Co., chemicals, 61 B'way, New York.  
 Stein, Hirsh & Co., starch mfrs., 111 W. Washington, Chicago, Ill.  
 Stein, J., & Sons, music cabinets, 38 Franklin, Brooklyn, N. Y.  
 Stein, S., architect'l & ornament'l iron, 63 N. Henry, B'klyn, N.Y.  
 Stein, Wm. P., & Co., machsts., Rochester, N. Y.  
 Steinal, Bruno, arch'l iron, 429 W. 26th, New York.  
 Steinam, Jos. L., architect, 40 W. 32d, New York.  
 Steinbach's, W. D., Sons, contractors, Lewiston, Pa.  
 Steinback, G. E., architect, 15 E. 40th, New York.  
 Steinbaugh, C. W., architect, Brandeis Theatre Bldg., Omaha, Neb.  
 Steinberg, Jacob, cornices, 229 Belmont av, Newark, N. J.  
 Steinberg, Nathan, scrap iron & steel, Omaha, Neb.  
 Steinberg Steam Cut Stone Co., stone producers, wkrs. & dlsrs., 596 Rockaway av, Brooklyn, N. Y.  
 Steinbrenner, Chas. L., architect, 31 Clinton, Newark, N. J.  
 Steinbrenner-Fisher Co., contractors, Niagara Falls, N. Y.

Steiniger Saddlery Co., Springfield, Mo.  
 Steiner, August, agricultural implements, etc., Homewood, Ill.  
 Steiner Bros., machsts., 322 N. West, Lima, Ohio.  
 Steiner, E. E., & Co., japanning & enameling ovens, 60 Union Newark, N. J.  
 Steiner Engraving & Badge Co., 804 Pine, St. Louis, Mo.  
 Steiner, Jos., lumber mfrs., Croghan, N. Y.  
 Steiner, M., & Co., machsts., Dayton, Ohio.  
 Steiner Mantel Co., 18th & Fairmount av, Baltimore, Md.  
 Steiner Mfg. Co., meat choppers, clothes washing machs., etc., 4100 N. 21st, St. Louis, Mo.  
 Steiner Mfg. Wks., machsts., Erie, Pa.  
 Steiner & Voegtly Hardware Co., 230 Diamond, Pittsburgh, Pa.  
 Steiner's, Wm., Sons, whol. hdwe., Monroe, Mich.  
 Steinert, R., & Co., machsts., Washburn, Wis.  
 Steinfeld Bros., toys, games & nov. lawn furniture, cobblers' outfits, etc., 116 W. 32d, New York.  
 Steinfeld, Albert, & Co., mill & facty. supplies, whol. hdwe., Tucson, Ariz.  
 Steinhagen & Klinger, contractors, Mack blk, Milwaukee, Wis.  
 Steinhardt & Co., cottonseed meal, New Orleans, La.  
 Steinheiser, Christian P., masons' & bldrs.' matls., 1110 E. Grand blvd, Detroit, Mich.  
 Steininger, E. A., Construction Co., Victoria Bldg., St. Louis, Mo.  
 Steinkamp, Jos. G., & Bro., architects, Mercantile Library Bldg., Cincinnati, Ohio.  
 Steinke, E. H., Canning Co., Benton Harbor, Mich.  
 Steinle Turret Machine Co., turret lathes, Madison, Wis.  
 Steinman Bros., sashes, doors & blinds, Jenera, Ohio.  
 Steinman, F. W., architect, Beaumont, Tex.  
 Steinman Hdwe. Co., tin plate, metals, etc., Lancaster, Pa.  
 Steinman Lbr. Co., Park & 8th av, Milwaukee, Wis.  
 Steinmetz, Amandas, contractor, Easton, Pa.  
 Steinmetz & Casner, architects, Drexel Bldg., Phila., Pa.  
 Steinway & Sons, pianos, 109 E. 14th, New York.  
 Stelle, Oliver G., architect, Leaverett Bldg., Alton, Ill.  
 Stelling, Fred W., Corp., cornices, Hartford, Conn.  
 Stelling, P. J., & Co., sash, door & blind mfrs., Davenport, Iowa.  
 Stellman, L. H., & Son, saw mill machy., etc., Brattleboro, Vt.  
 Stelwagon Mfg. Co., tin plate, etc., 19th & Washington av, Philadelphia, Pa.  
 Stelzner, Charles J., flour, Frazee, Minn.  
 Stem, A. H., architect, Endicott Bldg., St. Paul, Minn.  
 Stemmer & Geick, stone prod., Wilkes-Barre, Pa.  
 Stempel Fire Extinguisher Mfg. Co., 4268 N. 20th, St. Louis, Mo.  
 Stenbiht, Arthur, architect, Alameda, Cal.  
 Stencil Treasury, 209 E. 59th, New York.  
 Stender Bros., contractors, Scranton, Pa.  
 Stender, C. F. G., & Co., display racks, 12 N. Market, Chicago, Ill.  
 Stender Coppersmith Co., 2932 Smallman, Pittsburgh, Pa.  
 Stender, Frank C., & Co., dock bldrs., 86 Weybosset, Providence, R. I.  
 Stenerson Bros., masons' & bldrs.' matls., Pelican Rapids, Minn.  
 Stengel, Barney, mattresses, 3783 3d av, New York.  
 Stengel Bros. Co., enam. metal tile, Thompson & Chartiers av, Pittsburgh, Pa.  
 Stengel, Geo., patent lthr., Waverly, N. J.  
 Stengel & Rothschild, patent leather, Main, Newark, N. J.  
 Stenhouse, J. Armstrong, architect, 681 5th av, New York.  
 Stenken, A., & Son, soap, Hoboken, N. J.  
 Stenotype Co., shorthand typewriters, Indianapolis, Ind.  
 Stenson, Oliver E., contractor, Hartford, Conn.  
 Steorts, H. G., masons' & bldrs.' matls., Keyser, W. Va.  
 Stephan Lumber Co., Upper Sandusky, Ohio.  
 Stephens, W. E., architect, 152 Barrett, Schenectady, N. Y.  
 Stephen & Stephen, architects, New York Bldg., Seattle, Wash.  
 Stephen, Thos., architect, Camden, N. J.  
 Stephens, A. W., Mfg. Co., advertising specialties mfrs., Waltham, Mass.  
 Stephens-Adamson Mfg. Co., machsts. & fndrs., Aurora, Ill.  
 Stephens & Bro., glue mfrs., 16 E. 2d, Cincinnati, Ohio.  
 Stephens Bros., masons' & bldrs.' matls., Summit, N. J.  
 Stephens, Burrett M., architect, Wilmington, N. C.  
 Stephens City Milling Co., flour, Stephens City, Va.  
 Stephens & Conrow Co., mill & facty. supplies, 98 Park pl, New York.  
 Stephens, David, brick, Madison, Wis.  
 Stephens Gas & Elec. Chandelier Co., Kansas City, Mo.  
 Stephens, H. A., contractor, Lincoln, Neb.  
 Stephens, Harry Thornton, architect, United Bank Bldg., Paterson, N. J.  
 Stephens, Henry & Co., lumber, Waters, Mich.  
 Stephens, Jackson Co., roofing slate mfrs., Pen Argyl, Pa.  
 Stephens, James S., automobile bldrs., 6329 Bond av, Chicago, O.  
 Stephens Mfg. Co., fireless cookers, 67 Carroll, Buffalo, N. Y.  
 Stephens & Pearson, architects, Cent. Nat. Bk. Bldg., St. Louis, Mo.  
 Stephens Roe Mfg. Co., machsts. & fndrs., Detroit, Mich.  
 Stephens & Stewart, masons' & bldrs.' matls., College Corner, O.  
 Stephens Supply Co., masons' & bldrs.' matls., Bryant Bldg., Kansas City, Mo.  
 Stephens, Thos., & Sons, contractors, church furniture, 275 Lark, Albany, N. Y.  
 Stephens, Wilmot, linemen's climbers, Binghamton, N. Y.  
 Stephensen-Browne Lbr. Co., Chickasha, Okla.  
 Stephenson, C. H., bath room fixtures & garbage receivers, mfrs., 48 Farrar, Lynn, Mass.



- Stephenson Charcoal Iron Co., blast furnaces, Wells, Mich.  
 Stephenson, E. E., Lumber Co., Celina, Ohio.  
 Stephenson, H. Pendleton, architect, 262 Pearl, New York.  
 Stephenson, I., Co., maple flooring, Wells, Mich.  
 Stephenson, L. L., brick, Lovick, Ala.  
 Stephenson Mfg. Co., automatic wood turnings, South Bend, Ind.  
 Stephenson Mfg. Co., belt dressing, lubricants, etc., Albany, N. Y.  
 Stephenson Supply Co., battery holders, Auburn, N. Y.  
 Stephenson & Wheeler, architects, 2 W. 45th, New York.  
 Steptoe, John Sheper, Co., 2951 Colerain av, Cincinnati, Ohio.  
 Sterilizer Mfg. Co., Syracuse, N. Y.  
 Sterling Aluminum Co., Erie, Pa.  
 Sterling Automobile Mfg. Co., 1790 B'way, New York.  
 Sterling Blower Co., Hartford, Conn.  
 Sterling Brass Co., compression cocks, 4610 St. Clair av, Cleveland, Ohio.  
 Sterling Brass Polishing Co., machts. & fndrs., 105 Livingston, Brooklyn, N. Y.  
 Sterling Brick Co., Olean, N. Y.  
 Sterling Casket Hardware Co., 383 Kent av, Brooklyn, N. Y.  
 Sterling Co., pianos, Derby, Conn.  
 Sterling Construction Co., contractors, 902 Chapel, New Haven, Conn.  
 Sterling Cork & Seal Co., Toledo, Ohio.  
 Sterling, Crumbliss Hardware Co. (whol.), Knoxville, Tenn.  
 Sterling Desk Co., Grand Rapids, Mich.  
 Sterling Drop Forge Works, 112 N. La Salle, Chicago, Ill.  
 Sterling Elec. Lamp Works of G. E. Co., Warren, Ohio.  
 Sterling Engine Co., Buffalo, N. Y.  
 Sterling Engineering & Constr. Co., Caswell blk, Milwaukee, Wis.  
 Sterling Equipment Co., air reheaters, etc., 139 N. Clark, Chicago, Ill.  
 Sterling Foundry Co., Sterling, Ill.  
 Sterling Foundry & Machine Co., junction boxes, 521 Chancellor av, Newark, N. J.  
 Sterling Glass Co., Celestial Mt. Ad., Cincinnati, Ohio.  
 Sterling Grinding Wheel Co., Tiffin, Ohio.  
 Sterling Iron Works, Stockton, Cal.  
 Sterling Knit Goods Co., sweater, cardigans, etc., Stiles, Boston, Mass.  
 Sterling Mach. & Stamping Co., Wellington, Ohio.  
 Sterling Mach. Works, hdwe. mfrs., 2622 Amber, Phila., Pa.  
 Sterling Mfg. Co., ammeters & voltmeters, Blackstone Bldg., W. 3d, Cleveland, Ohio.  
 Sterling Mfg. Co., cloth mops, Reading, Mass.  
 Sterling Mfg. Co., machts. & fndrs.—agri'l implts., Sterling, Ill.  
 Sterling Mfg. Co., rubber substitutes, Gloucester, Mass.  
 Sterling Mfg. Co., surgical insts., Springfield, Ohio.  
 Sterling Metal Nov. Mfg. Co., 174 Worth, New York.  
 Sterling Mills, sweaters, cardigans, etc., Ilion, N. Y.  
 Sterling Motor Co., machts., 1147 W. Grand blvd, Detroit, Mich.  
 Sterling Motor Truck Co., 46th & Rogers, Milwaukee, Wis.  
 Sterling Oil Co., Emlenton, Pa., & Rochester, N. Y.  
 Sterling Paint & Color Co., Louisville, Ky.  
 Sterling Paint Co., 118 1st, San Francisco, Cal.  
 Sterling Paper Co., Dayton, Ohio.  
 Sterling Pattern Works, machts., Sterling, Ill.  
 Sterling Phonograph Co., talking machines, 1777 B'way, New York.  
 Sterling Piano Co., 518 Fulton, Brooklyn, N. Y.  
 Sterling Pin Co., wire hooks & eyes & hairpins, Derby, Conn.  
 Sterling Products Co., sodium hypochlorite, Easton, Pa.  
 Sterling Refining Co., lubricating oils & greases, Euclid & 65th, Cleveland, Ohio.  
 Sterling Ring Traveler Co., tex. machy. supplies, Fall River, Mass.  
 Sterling Salt Co., 29 B'way, New York.  
 Sterling & Skinner Mfg. Co., cocks, 2672 E. Grand blvd, Detroit, Mich.  
 Sterling Specialty Co., brass castings, etc., Newcomerstown, O.  
 Sterling Spring Co., 2148 Scranton rd, Cleveland, Ohio.  
 Sterling Steel Foundry Co., Braddock, Pa.  
 Sterling Stone Co., Spokane, Wash.  
 Sterling Top & Equipment Co., auto. bodies, trunk, racks, etc., 518 W. 57th, New York.  
 Sterling Vacuum Cleaner Co., Worcester, Mass.  
 Sterling Valve Co., Springfield, Mass.  
 Sterling Varnish Co., Fulton Bldg., Pittsburgh, Pa.  
 Sterling, W. C. & Son Co., lumber, Monroe, Mich.  
 Sterling Waxed Paper Mfg. Co., 245 South, Newark, N. J.  
 Sterling Wheelbarrow Co., 64th & Pullen av, Milwaukee, Wis.  
 Sterling Wire Box Co., 366 So. Senate av, Indianapolis, Ind.  
 Stern, Benj E., architect, 56 W. 45th, New York.  
 Stern Bros. & Co., black carbons, 136 W. 52d, New York.  
 Stern, Edw., & Co., calendar pads, 140 N. 6th, Phila., Pa.  
 Stern Foundry & Machy. Co., New Orleans, La.  
 Stern, Jos., & Sons, meat packers, 614 W. 40th, New York.  
 Stern, Leon, architect, Chamber of Com. Bldg., Rochester, N. Y.  
 Stern, Louis, & Co., silver novelties, 29 Metcalf Bldg., Providence, R. I.  
 Stern, Ludwig, pocket book & bag frames, 395 B'way, New York.  
 Stern, Philip N., architect, Fredericksburg, Va.  
 Stern Spec. Co., rubber aprons, sheeting, 40 E. 22d, New York.  
 Sternau, S., & Co., faucet filters, 160 John, Brooklyn, N. Y.  
 Sternberg, Albert E., stencils, 214 Arch, Philadelphia, Pa.  
 Sternberg Bros., contractors, Nat. Bk. of Com., St. Louis, Mo.  
 Sternberg, J., & Son, contractors, Long Island City, N. Y.  
 Sternberg Motor Truck Co., Milwaukee, Wis.  
 Sterne Bros. Co., Machts. & fndrs. San Diego, Cal.  
 Sterner, Edwin Co., mill & facty. supplies, Flint, Mich.  
 Sterner, Fred'k J., architect, 154 E. 63d, New York.  
 Sternthal, F., pennant mfrs., 217 W. Madison, Chicago, Ill.  
 Sterrett & Aberle Packing Co., meat, Portland, Ore.  
 Sterritt-Thomas Foundry Co., 32d & Smallman, Pittsburgh, Pa.  
 Stetler, J. H., architect, Middleburg, Pa.  
 Stetler, Mengel & Co., architects, Wyomissing, Pa., & Penn av, Reading, Pa.  
 Stetson, Cutler & Co., masons' & bldrs.' matls., 70 Kilby, Boston, Mass.  
 Stetson & Ellison Co., canned goods, Camden, Del.  
 Stetson, F. F., & Co., canned goods, Los Angeles, Cal.  
 Stetson, J. H., Co., mill & facty. supplies, Lewiston, Me.  
 Stetson, N., & Co., pianos, 1111 Chestnut, Philadelphia, Pa.  
 Stetson & Post Lumber Co., sash, door & blind mfrs., Seattle, Wash.  
 Stetson-Ross Mach. Works, storage battery trucks, Seattle, Wash.  
 Stetson University School of Technology, engng. schools & coll., De Land, Fla.  
 Steuben, Theodore, architect, 1608 Belmont av, Chicago, Ill.  
 Steubenville Coal & Mining Co., Steubenville, Ohio.  
 Steubenville Hardware & Supply Co. (whol.), Steubenville, Ohio.  
 Steubenville Pottery Co., Steubenville, Ohio.  
 Steubenville Stone Co., Steubenville, Ohio.  
 Steul & Thuman Co., wood mantels, 278 Johnson, Buffalo, N. Y.  
 Steusloff Bros., Inc., meat packers, Salem, Ore.  
 Steven & Son Co., stone producers, 175 W. Jackson blvd, Chicago, Ill.  
 Stevener, Charles W., founders, Tarentum, Pa.  
 Stevenot, Chas., J. & Co., glue gelatine, 388 Pearl, New York.  
 Stevens, A. E., & Co., carriage wheels, etc., Portland, Me.  
 Stevens, A. W., brick, Texarkana, Tex.  
 Stevens, Benj. A., Co., refrigerators, butchers' supplies, etc., Toledo, Ohio.  
 Stevens, Benj. R., architect, 1737 Filbert, Philadelphia, Pa.  
 Stevens Bros. & Co., potteries, Stevens Pottery, Ga.  
 Stevens, C. A., & Co., woolen flannels, Ware, Mass.  
 Stevens, C. H. (Est. of), mchst. & fndrs., Winooski, Vt.  
 Stevens, C. P., masons' & bldrs.' matls., Franklin, N. H.  
 Stevens, C. S., & Son, canned goods, Cedarville, N. J.  
 Stevens, C. Whitney, architect, 64 W. Randolph, Chicago, Ill.  
 Stevens & Caskey, canned goods, Hemlock, N. Y.  
 Stevens Chair Co., 209 7th, Pittsburgh, Pa.  
 Stevens, Chas. E., contractor, Danville, Ill.  
 Stevens, Chas. G., Co., piano wire, 33 S. Jefferson, Chicago, Ill.  
 Stevens & Co., battery connectors, bicycle pedals, etc., 375 B'way, New York.  
 Stevens Contracting Co., 415 Penn av, Pittsburgh, Pa.  
 Stevens, Edw. F., architect, 9 Park, Boston, Mass.  
 Stevens, F. O., sash, door & blind mfr., Worcester, Mass.  
 Stevens, F. W., contractor, Newton Center, Mass.  
 Stevens, Frederick B., masons' & bldrs., 3d & Larned, Detroit, Mich.  
 Stevens, Geo. I., metal polish, Essex, Conn.  
 Stevens Grease & Oil Co., E. 79th & Avrina av, Cleveland, Ohio.  
 Stevens, H. C., architect, Kresge Bldg., Detroit, Mich.  
 Stevens, H. D., granite, Barre, Vt.  
 Stevens, H. E., canned goods, Nace, Va.  
 Stevens, H. L., lumber, Boonsboro, Ky.  
 Stevens, H. L., & Co., architects, 2nd & Ludlow, Dayton, Ohio.  
 Stevens, H. L., & Co., archl. engrs., 910 S. Michigan av, Chicago, Ill.  
 Stevens, H., Sons Co., brick, Macon, Ga.  
 Stevens Hardware Co., Dublin, Ga.  
 Stevens, Harry E., architect, Monadnock Bldg., Chicago, Ill.  
 Stevens Institute of Technology, engng. school & coll., Hoboken, N. J.  
 Stevens Iron Works & Fireproofing Co., Cleveland, Ohio.  
 Stevens, J., Arms Co., fire arms mfrs., Chicopee Falls, Mass.  
 Stevens, J. E., canned goods, Nace, Va.  
 Stevens, J. & E. Co., mchsts. & fndrs., Cromwell, Conn.  
 Stevens, J. R., Co., contractors, Odd Fellows' Temple, Cincinnati, Ohio.  
 Stevens, J. Walter, architect, N. Y. Life Bldg., St. Paul, Minn.  
 Stevens, John Calvin, architect, 187 Middle, Portland, Me.  
 Stevens, John Howard, architect, 187 Middle, Portland, Me.  
 Stevens, Jos., glass stainer, Orange, N. J.  
 Stevens, Joseph G., 2d, architect, Newport, R. I.  
 Stevens Linen Works, Webster, Mass.  
 Stevens, Louis, architect, Columbia Bk. Bldg., Pittsburgh, Pa.  
 Stevens Lumber Co., Deer Park, Wash.; Rhineland, Wis., & Waverlyville, Wash.  
 Stevens, M. T., & Sons Co., woolen carriage cloth, North Andover, Mass.  
 Stevens Mfg. Co., screw machine products, dies, etc., Dale av, Dayton, Ohio.  
 Stevens Mfg. Co., cotton damasks, Fall River, Mass.  
 Stevens Mfg. & Foundry Co., Decatur, Ill.  
 Stevens Mfg. & Supply Co., ice & candy floss machines, valves, pumps, etc., 343 S. Dearborn, Chicago, Ill.  
 Stevens-Martin & Co., fertilizer, Carlton, Ga.  
 Stevens, Norton A., mchst., Oswego, N. Y.  
 Stevens's Organ & Piano Co., Marietta, Ohio.  
 Stevens Point Box Co., lumber mfrs., Stevens Point, Wis.



- Stevens Point Brick Mfg. & Cons. Co., Stevens Point, Wis.  
 Stevens, T. D., canned goods, Troutville, Va.  
 Stevens Tank & Tower Co., Auburn, Me.  
 Stevens & Thompson, paper & pulp mills, North Hoosick, N. Y.  
 Stevens Type & Press Co., mchsts., 183 High, Boston, Mass.  
 Stevens, W. F., architect, North St. Paul, Minn.  
 Stevens, W. H., sashes, doors & blinds, Cumberland, Ohio.  
 Stevens, W. L., architect, Whitney Bldg., New Orleans, La.  
 Stevens, W. L., Inc., canned goods, Cape May, N. J.  
 Stevens, Walter B., & Son, sailors' palms, dog collars & muzzles, 107 Chambers, New York.  
 Stevens & Whiteway, architects, Sioux Falls, S. D.  
 Stevens & Willis Co., shoe nails, shanks & tacks, South Braintree, Mass.  
 Stevenson, Bro., & Co., lubricating oils, 110 Race, Phila., Pa.  
 Stevenson Bros., ties, poles & posts, Jackson, Ohio.  
 Stevenson & Cameron, contractors, 37 W. 25th, New York.  
 Stevenson Carriage & Implement Co., Pueblo, Colo.  
 Stevenson Coal Co., masons' & bldrs.' matls., Winona, Minn.  
 Stevenson Cold Storage Door Co., Chester, Pa.  
 Stevenson & Co., machsts., 607 S. Caroline, Baltimore, Md., & Wellsville, Ohio.  
 Stevenson, David, & Sons, brick, Ashley, Mich.  
 Stevenson, E. D., carriages, Wadsworth.  
 Stevenson, Edw. S., heaters, New Castle, Pa.  
 Stevenson, F. A., masons' & bldrs.' matls., Adrian, Mich.  
 Stevenson, J. A., & Co., masons' & bldrs.' matls., wholesale hardware, Mount Pleasant, Pa.  
 Stevenson, Jno. B., mach. & fndrs., Bryan, Tex.  
 Stevenson & Leonard Mach. Co., Albany, N. Y.  
 Stevenson Lumber Co., Seattle, Wash.  
 Stevenson, Milford (Est. of), masons' & bldrs.' matls., Etna, Pa.  
 Stevenson Packing Co., meat, Sedalia, Mo.  
 Stevenson, R. M., architect, Pocomoke City, Md.  
 Stever, Arthur J., architect, 56 Broadway, New York.  
 Steves, Ed., & Sons, sashes, doors & blinds, San Antonio, Tex.  
 Steward, D. M., Mfg. Co., mantles, burners, chalks, crayons, etc., Chattanooga, Tenn.  
 Steward, G. S., Co., curtain poles, cedar chests, etc., Norwalk, O.  
 Steward, L. & J. A., capping machines, Rutland, Va.  
 Steward & Romaine Mfg. Co., 124 N. 6th, Philadelphia, Pa.  
 Stewardson Packing Co., meat packers, Stewardson, Ill.  
 Stewardson & Page, architects, 316 Walnut, Philadelphia, Pa.  
 Stawert, A. C., Co., machinist, Los Angeles, Cal.  
 Stewart, A. Collins, Co., soap, 70 Freeport, Boston, Mass.  
 Stewart, A. F., brooms, 916 Fauquier, St. Paul, Minn.  
 Stewart, A. F., police wagons, hose carriages, etc., Rochester, N. Y.  
 Stewart, A. L., & Sons, canned goods, Cherryfield, Me.  
 Stewart, A. T., Lumber Co., 7801 Greenwood av, Chicago, Ill.  
 Stewart, Alex., Lumber Co., Wausau, Wis.  
 Stewart, Alfred C., Machine Works, gasoline fuel savers, Los Angeles, Cal.  
 Stewart & Bergen Co., cornices, Fort Plain, N. Y.  
 Stewart Boiler Works, Worcester, Mass.  
 Stewart Bros., machsts., Lynn, Mass., & Ottawa, Ill.  
 Stewart Bros. & Co., carriages, Cambridge, Mass.  
 Stewart Bros. Hardware Co., Memphis, Tenn.  
 Stewart & Bruckner Co., mill & facty. supplies, Nashville, Tenn.  
 Stewart, C. W., architect, Bridgeport, Conn.  
 Stewart-Carey Glass Co., Indianapolis, Ind.  
 Stewart & Carlson, flour, Prineville, Ore.  
 Stewart & Co., modeling clays, 24 B'way, New York.  
 Stewart & Delaney, lumber, Curtin, Ore.  
 Stewart Distilling Co., 2 Rector, N. Y. City, & 254 S. 3d, Philadelphia, Pa.  
 Stewart & Donohue, stone prod., Augustine, Wilmington, Del.  
 Stewart, Edmund T., architect, 201 Devonshire, Boston, Mass.  
 Stewart Engineering Corp., contractors, 17 Battery pl, New York.  
 Stewart, F. H., Elec. Co., socket strain relief grips, 37 N. 7th, Philadelphia, Pa.  
 Stewart, F. P., Granite Co., stone producers, Hamilton, Ohio.  
 Stewart, Frank H., Elec. Co., lamp cord adjusters, bushings, etc., 35 N. 7th, Philadelphia, Pa.  
 Stewart, G. A., brick, Madisonville, Ky.  
 Stewart, G. J., & Co., masons' & bldrs.' matls., Chariton, Ia.  
 Stewart-Greer Lumber Co., St. Louis, Mo.  
 Stewart & Hayden Co., mill & facty. supplies, Burlington, Ia.  
 Stewart Heater Co., condensers, pumps, etc., Buffalo, N. Y.  
 Stewart-Holland Co., archl. iron, Wabash Bldg., Pittsburgh, Pa.  
 Stewart, Hope D., contractor, Amer. Bk. Bldg., Seattle, Wash.  
 Stewart, I. N., lbr., Peoples Bank Bldg., Buffalo, N. Y.  
 Stewart Iron Co., Ltd., Rockefeller Bldg., Cleveland, Ohio.  
 Stewart Iron Works Co., Covington, Ky.  
 Stewart, J. A., contractor, Columbia, Mo.  
 Stewart, J. J., sash, door & blind, Salt Lake City, Utah.  
 Stewart, J. L., contractor, Rochester, N. Y.  
 Stewart, J. M., & Co., masons' & bldrs.' matls., Indiana, Pa.  
 Stewart, J. R., carriages, Coshocton, Ohio.  
 Stewart, J. Roland, canned goods, Cambridge, Mass.  
 Stewart, J. W., Co., cornices, Lowell, Mass.  
 Stewart, Jas., & Co., contractors, ft. Kelso, Baltimore, Md., & Girard Pt., Philadelphia, Pa.  
 Stewart, Jas., & Co., Inc., contractors, 30 Church, New York.  
 Stewart, Jas. M., & Co., wholesale hardware, Indiana, Pa.  
 Stewart, James R. & Robt. W., architects, Bell Blk., Cincinnati, O.  
 Stewart & Jarrell, canned goods, Hillsboro, Md.  
 Stewart & Johnson, contractors, Chattanooga, Tenn.  
 Stewart-Jones Co., contractors, Rock Hill, S. C.  
 Stewart, Jos. I., contractor, 1295 Commonwealth, Boston, Mass.  
 Stewart Lbr. Co., Joplin, Mo.  
 Stewart-McGehee Construction Co., Little Rock, Ark.  
 Stewart Mfg. Co., die castings, 323 Wells, Chicago, Ill.  
 Stewart Mfg. Co., truck units, Waterloo, Ia.  
 Stewart Motor Corp., Buffalo, N. Y.  
 Stewart, Mowry Co., varnish mfrs., 3218 Shields av, Chicago, Ill.  
 Stewart-Peck Sand Co., Amer. Bank Bldg., Kansas City, Mo.  
 Stewart Phonograph Corp., talking machines, 2843 N. Lincoln, Chicago, Ill.  
 Stewart, R. A., & Co., stencils, steel stamps, etc., 201 B'way, New York.  
 Stewart, R. T. & C. D., Contr. Co., Easton, Pa.  
 Stewart, S. A., & Co., fire alarms, Waltham, Mass.  
 Stewart, S. B., heating contr., 306 Front, Bellevue, Cincinnati, Ohio.  
 Stewart, S. J., armature coils, 312 Carondelet, New Orleans, La.  
 Stewart, S. P., & Son, architects, Bowling Green, Ohio.  
 Stewart-Skinner Co., elec. lanterns, harness awls, Worcester, Mass.  
 Stewart, W. E., brick, Mankato, Minn.  
 Stewart, W. F., Co., metal auto. bodies, Flint, Mich.  
 Stewart, W. L., Lumber Co., Iowa Falls, Ia.  
 Stewart-Warner Speedometer Corp., elec'l horns, etc., 1848 De-versey Parkway, Chicago, Ill.  
 Stewart, Wiley, lumber mfr., Eva, Ala.  
 Stewart, Willard L., contractor, E. E. Trust Bldg., Pitts'bg, Pa.  
 Stewart, Wm., architect, Wabash, Ind.  
 Steward-Witherill Machine Co., Birmingham, Ala.  
 Stibolt, A. Henry, architect, 220 Bonnie Brae, Los Angeles, Cal.  
 Stichter Hardware Co., Reading, Pa.  
 Stickle, G. W., masons' & bldrs.' matls., Rockaway, N. J.  
 Stickler, J. M., woolen blankets, Mauston, Wis.  
 Stickles, Walter F., architect, 37 Prospect av, Mount Vernon, N. Y.  
 Stickney & Austin, architects, 50 Bromfield, Boston, & 18 Shattuck, Lowell, Mass.  
 Stickney, Chas. A., Co., machsts. & fndrs., Fillmore & Starkey, St. Paul, Minn.  
 Stickney, Clarence, lbr. mfrs., West Townsend, Mass.  
 Stickney, F. W., architect, 18 Shattuck, Lowell, Mass.  
 Stickney, Hy., machst., Portland, Me.  
 Stickney, J. W., & Co., paints, Boston, Mass.  
 Stickney, John B., cornices & skylights, Belfast, Me.  
 Stickney & Montague, addressing & mailing machines, Chattanooga, Tenn.  
 Stickney, Tirrell & Co., chalk mfrs., 31 Milk, Boston, Mass.  
 Stickney, W. W., architect, Pueblo, Colo.  
 Stidman & Co., bank railings, 616 E. Fayette, Baltimore, Md.  
 Stief Bros., brick & tile, Carey, Ohio.  
 Stiefel, Geo., Co., brewers' machy., 4651 Gross av, Chicago, Ill.  
 Stieff, Chas. M., pianos, 9 N. Liberty, Baltimore, Md., & 122 Boylston, Boston, Mass.  
 Stier, Herman, brass castings, 814 George, Chicago, Ill.  
 Stiers, F. A., contractor, 4512 Morgan, St. Louis, Mo.  
 Stifel, Chas. F., Co., harness lthr., Preble & Juniata, N. S., Pittsburgh, Pa.  
 Stiff, Frank L., architect, Grosse Bldg., Los Angeles, Cal.  
 Stiffel & Freeman Co., machsts. & fndrs., 723 Chestnut, Philadelphia, Pa.  
 Stiglitz, Chas. G., & Sons, founders, Louisville, Ky.  
 Stikeman, Geo., metallic library fittings, 114 W. 32d, New York.  
 Stiles Bros. Co., lbr. mfrs., Grand Rapids, Mich.  
 Stiles, E. M., masons' & bldrs.' matls., Paterson, N. J.  
 Stiles, Geo. W., Construction Co., 209 S. La Salle, Chicago, Ill.  
 Stiles, H. A., & Co., emery & corundum & woodwork mfrs., handles, etc., 97 Oliver, Boston, Mass.  
*See adv index at end of book.*  
 Stiles & Hart Brick Co., Taunton, Mass.  
 Stiles, I. H., masons' & bldrs.' matls., Battle Creek, Mich.  
 Stiles, I. L., & Son Brick Co., New Haven, Conn.  
 Stiles-Morse Co., canning machs., 562 Washington blvd., Chicago, Ill.  
 Stiles, T. Geo., Co., machsts., Arlington, N. J.  
 Stiles, Wayne E., landscape architect, 95 Oliver, Boston, Mass.  
 Stiles, Wm. H., crude rubber, 79 Wall, New York.  
 Stilesboro Warehouse Co., Stilesboro, Ga.  
 Still, Jos. H., cornices & skylights, Hastings, Neb.  
 Still, W. R., masons' & bldrs.' matls., Conyers, Ga.  
 Stillburg, Jos., architect, Fort, Pittsburgh, Pa.  
 Stillings, S. W., architect, 101 Tremont, Boston, Mass.  
 Stillman, Carmichael Co., damper regulators, 19 Pearl, Boston, Mass.  
 Stillman-Delehanty-Ferris Co., contractors & dock bldrs., 26 Exchange pl, Jersey City, N. J.  
 Stillman, F. M., Co., contractors, 26 Exchange pl, Jersey City, N. J.  
 Stillman, J. A., lumber, Tidioute, Pa.  
 Stillman, Michael, architect, 124 E. 25th, New York.  
 Stillwater Hardware Co., Stillwater, Minn.  
 Stillwater Lumber Co., Little Falls, Wash.  
 Stillwater Mfg. Co., sashes, doors & blinds, Stillwater, Minn.



- Stillwater Mill & Elevator Co., flour, Stillwater, Okla.  
 Stillwell Bros., contractors, Seattle, Wash.  
 Stillwell, E. W., & Co., architects, Henne Bldg., Los Angeles, Cal.  
 Stillwell, Erie G., architect, Hendersonville, N. C.  
 Stillwell & Gladding, chemists, 181 Front, New York.  
 Stillwell, Jos., contractor, Mantoloking, N. J.  
 Stillwell Laboratory, chemists, 76 Pine, New York.  
 Stillwell, S. H., contractor, Princeton, N. J.  
 Stilwell, Arthur A., & Co., oils, 28 Cliff, New York.  
 Stimmel, Sam'l, machst., 5 Bedford, New York.  
 Stimple-Roth Co., contractors, 1st Nat. Bk. Bldg., Milwaukee, Wis.  
 Stimple & Ward Co., armature coils, 518 Sandusky, Pittsburgh, Pa.  
 Stimpson, Edwin B., Co., eyelets, gas attachments, grommet setting machy., etc., 68 Franklin av, Brooklyn, N. Y.  
 Stimpson Equipment Co., flotation machines, Salt Lake City, Utah.  
 Stimpson Scale & Mfg. Co., meat choppers & slicers, Northville, Mich.  
 Stimson, J. V., lumber, Huntingburg, Ind.  
 Stimson Mill Co., lumber, Seattle, Wash.  
 Stimson, T. F., founders, Hancock, N. Y.  
 Stinchcomb & Boddy, landscape architects, B. of L. E. Bldg., Cleveland, Ohio.  
 Stine, C. W., Pottery Co., White Cottage, Ohio.  
 Stine, David L., architect, The Valentina, Toledo, Ohio.  
 Stine, J. C., Co., machsts. & fndrs., Tyrone, Pa.  
 Stine, S. B., mill & facty. supplies, Osceola Mills, Pa.  
 Stine, Sam'l R., machsts. & fndrs., McVeytown, Pa.  
 Stines, A. H., Jr., architect, 132 4th, Brooklyn, N. Y.  
 Stinson, B. F., & Co., polishes, Buffalo, N. Y.  
 Stinson Box Co., packing, 2129 S. Peoria, Chicago, Ill.  
 Stinson & Dickinsheets, masons' & bldrs.' matls., Gloucester, N. J.  
 Stinson, Edward, Mfg. Co., wagon spokes, 327 North, Baltimore, Md.  
 Stipes & Hecker, bldrs.' matls., Champaign & Urbana, Ill.  
 Stipes, Jno. W., contr. Champaign, Ill.  
 Stipes & Pilcher, contrs., Champaign, Ill.  
 Stipp, Ludwig T., contractor, Scranton, Pa.  
 Stipp, Mathias, brick, Scranton, Pa.  
 Stipp, Peter, & Sons, stove prod., Scranton, Pa.  
 Stirling-Warfel Mill Supply Co., Erie, Pa.  
 Stirling Woolen Mills, Lowell, Mass.  
 Stirlith, J. A., Bros., scrap iron & steel, 114 Tatnall, Wilmington, Del.  
 Stirrup Mfg. Co., metal nov. & spec., 257 Greenwich, New York.  
 Stitt, James C., architect, Norfolk, Neb.  
 Stitt, Robert G., machinist, Toledo, Ohio.  
 Stittville Canning Co., Stittville, N. Y.  
 Stitzel Distilling Co., Louisville, Ky.  
 Stiver, Harvey, contractor, R. A. Long Bldg., Kansas City, Mo.  
 Stock, G. B., Xylite Grease & Oil Co., Port Huron, Mich.  
 Stock, Jno., Sons, whol. hdwe., San Jose, Cal.  
 Stock, Lester H., contractor, Hearst Bldg., San Francisco, Cal.  
 Stock, M. W., contractor, St. Joseph, Mich.  
 Stockbridge Machine Co., index centers, planer grinders & shaping machy., Worcester, Mass.  
 Stockdale Tile & Brick Co., Corrothers, Ohio.  
 Stockdell Myers Hardware Co., Petersburg, Va.  
 Stockdon, B. F., & Bros., machsts. & fndrs., Staunton, Va.  
 Stocker Concrete Material Washer Co., sand, Highland, Ill.  
 Stocker & Fraser, contractors, Chamber of Commerce, Denver, Colo.  
 Stocker, H. A., Machy. Co., emery wheel dressers, 570 W. Randolph, Chicago, Ill.  
 Stocker Mfg. Co., mfrs. of vending machines, Detroit, Mich.  
 Stockert, G. F., & Son, lumber, Buckhannon, W. Va.  
 Stockert, J. J., brick, Churubusco, Ind.  
 Stockford Reel Co., fishing reels, 330 W. Kinzie, Chicago, Ill.  
 Stockham, Chas., Lumber Co., Camden, N. J.  
 Stockham, E. V., canned goods, Perryman, Md.  
 Stockham Pipe & Fittings Co., Birmingham, Ala.  
 Stockham, T. B., architect, Morrisville, Pa.  
 Stockham, W. E., architect, Ramge Bldg., Omaha, Neb.  
 Stockhausen, Chas. L., Co., contractors, Nat. Marine Bk. Bldg., Baltimore, Md.  
 Stockhoff Supply Co., steam hgt. contrs., 107 N. Main, St. Louis, Mo.  
 Stockholm & Allyn, contractors, Monadnock Bldg., San Francisco, Cal.  
 Stocking, Geo. E., canned goods, Rochelle, Ill.  
 Stockley & Forbes, advtg. nov., Gloversville, N. Y.  
 Stocklin, W. C., Co., patterns & models, Columbus, Ohio.  
 Stockport Fibre Co., cotton batting, Stockport, N. Y.  
 Stockton, A. L., Lumber Co., 6130 Mission, San Francisco, Cal.  
 Stockton Canning Co., Stockton Springs, Me.  
 Stockton Fire & Enamel Brick Co., Rialto Bldg., San Francisco & Stockton, Cal.  
 Stockton Iron Works, Stockton, Cal.  
 Stockton, Louis L., architect, 35 W. 39th, New York.  
 Stockton Rubber Co., Stockton, N. J.  
 Stockton, W. B., masons' & bldrs.' matls., Ashtabula, Ohio.  
 Stockwall, L. W., Co., mattresses, 4th & Alameda, Los Angeles, Cal.  
 Stockwell & Co., blower mfrs., sad irons, etc., 229 N. Holliday, Baltimore, Md.  
 Stockwell, F. H., contractor, Watertown, N. Y.  
 Stockwell, J. W., Co., fertilizer mfrs., Fillmore, N. Y.  
 Stoddard Construction Co., 343 S. Dearborn, Chicago, Ill.  
 Stoddard, D., & Son, roofing slate mfrs., Bangor, Pa.  
 Stoddard-Jakel Mach. & Tool Co., Kerr Bldg., Detroit, Mich.  
 Stoddard Rubber Co., 120 Commercial, Worcester, Mass.  
 Stoddard Union Co., machsts. & fndrs., Taunton, Mass.  
 Stoddard Union Co., Lockport, N. Y.  
 Stoddard, A. P., & Co., mill & facty. supplies, Gloucester, Mass.  
 Stoddard, Wm. L., architect, 9 E. 40th, New York.  
 Stoedle, W. A., masons' & bldrs.' matls., Sterling, Ill.  
 Stoelting, C. H., Co., chemical app., 3047 Carroll av, Chicago, Ill.  
 Stoelzle, John, & Bro., cornices & skylights, Murphysboro, Ill.  
 Stoermer, G. A., flour, Eagle Lake, Tex.  
 Stoffel & Brach, masons' & bldrs.' matls., Racine, Wis.  
 Stohr & Freund, machsts. & fndrs., Muscatine, Ia.  
 Stokesley Bros. & Co., canned goods, Newport, Tenn.  
 Stokes Bros. Co., lumber mfrs., N. W. 30th & Chestnut, Philadelphia, Pa.  
 Stokes Bros. Mfg. Co., machsts., Freehold, N. J.  
 Stokes, E. K., bags, & bagging, 78 Pearl, New York.  
 Stokes, F. J., Machine Co., bricketting, chemical & pharmaceutical machy., Philadelphia, Pa.  
 Stokes, J. J., & Son, flour mills, Monticello, Ky.  
 Stokes, Jos., Rubber Co., mech. rubber goods, Trenton, N. J.  
 Stokes Mfg. Co., sewing cabinets, Montgomery, Pa.  
 Stokes Milling Co., flour, Watertown, S. D.  
 Stokes & Parrish Elev. Co., 12th & Samson, Philadelphia, Pa.  
 Stokes & Smith Co., paper box covering machines, Sunnerdale Sta., Philadelphia, Pa.  
 Stokes, T. C., masons' & bldrs.' matls., Olmstead Falls, Ohio.  
 Stokes & Whittingham, contractors, Penobscot Bldg., Detroit, Mich.  
 Stokes, Wm. A., & Co., ladders, racks, bread & ironing boards, etc., 50 Howard, New York.  
 Stokes, Wm., Sons, contractors, Brisbane Bldg., Buffalo, N. Y.  
 Stokes, Zeller, Co., architects & contractors, Chamber of Commerce Bldg., Portland, Ore.  
 Stokley, Jas., & Co., umbrella mfrs., 728 Cherry, Phila., Pa.  
 Stoll Casket Co., Upper Sandusky, Ohio.  
 Stoll & Co., gin distillers, Lexington, Ky.  
 Stoll, D. H., Co., machsts., Buffalo, N. Y.  
 Stoll Varnish Co., asphaltum, Louisville, Ky.  
 Stollberg Hardware & Paint Co., Toledo, Ohio.  
 Stolle, Anton, & Sons, meat packers, Richmond, Ind.  
 Stolle, Casper, Quarry & Contrg. Co., stone prod., Cabokis Bldg., East St. Louis, Ill.  
 Stolp, Oscar, bank & office railings, 20 Fletcher, New York.  
 Stolper, Chas., Cooperage Co., 3206 Fond du Lac av, Milwaukee, Wis.  
 Stolte, Fredk. H., architect, 5608 Broad, Pittsburgh, Pa.  
 Stoltz, J. & J. W., coffins, etc., 430 E. 106th, New York.  
 Stoltze, Wm., carriages, 2612 Nordica av., Chicago, Ill.  
 Stolz, A. G., contractor, Mount Vernon, N. Y.  
 Stolz Electrophone Co., 5 N. Wabash av, Chicago, Ill.  
 Stolz, Jos., arch'l iron, 1122 Forest av, New York.  
 Stone, A. D., & Co., stone prod., Springfield, Mass.  
 Stone Base & Panel Co., Columbus, Ohio.  
 Stone Bros. & Co., trunk mfrs., 1501 Polk, Chicago, Ill.  
 Stone, C. Moulton Co., roller skins, 456 Benefit, Providence, R. I.  
 Stone, C. O., & Son, contractors, Middletown, Conn.  
 Stone, C., & Sons, auto. wood bodies and carriages, 1658 Ogden av, Chicago, Ill.  
 Stone, Carpenter & Sheldon, architects, 49 Westminster, Providence, R. I.  
 Stone, E. B. & A. L., Co., contractors, Rialto Bldg., San Francisco, Cal.  
 Stone, E. M., architect, 327 Trumbull, Hartford, Conn.  
 Stone, F. I., & Co., wholesale hardware, Atlanta, Ga.  
 Stone, F. L., machinist, Franklinville, N. Y.  
 Stone & Forsyth Co., folding paper boxes, 67 Kingston, Boston, Mass.  
 Stone, Frank B., ties, poles & posts, 80 E. Jackson blvd, Chicago, Ill.  
 Stone, Fred'k S., architect, 55 B'way, New York.  
 Stone, G. L., architect, Widdicomb Bldg., Grand Rapids, Mich.  
 Stone, H. A., & Co., carriages, Berlin, Mass.  
 Stone & Hershey, lumber, 31 Clinton, Newark, N. J.  
 Stone-Herling Lumber Co., Bristol, Tenn.  
 Stone, Jacob, Jr., architect, Sec. Bk Bldg., Minneapolis, Minn.  
 Stone, John R., architect, 8 S. Dearborn, Chicago, Ill.  
 Stone Lumber Co., 50 Congress, Boston, Mass.  
 Stone Mountain Granite Corp., Stone Mountain, Ga.  
 Stone, P. F., lbr. mfrs., Rockford, Ill.  
 Stone & Pinson, machinists, Galena, Kan.  
 Stone Products Co., marble, Muskegon, Mich.  
 Stone, R. B., & Co., whol. interior finish mfrs., Spencer, Mass.  
 Stone Roller T., lumber, Keystone, Wash.  
 Stone, Samuel, Jr., architect, L. & L. & G. Bldg., New Orleans, La.  
 Stone Straw Co., paper sleeves, 30 O. N. C., Washington, D. C.  
 Stone, T. B., Lbr. Co., Dalton & Hopkins, Cincinnati, Ohio.  
 Stone, W. F., ship bldrs., Oakland, Cal.  
 Stone, W. S., & Co., flour mills, Marien, Va.  
 Stone & Webster Engineering Corp., 147 Milk, Boston, Mass.



- Stone, Wm. F., Jr., architect, Knickerbocker Bldg., Balto., Md.  
 Stoneboch, Howard L., sash, door & blind, Quakertown, Pa.  
 Stonehouse Steel Sign Co., Denver, Colo.  
 Stoneman, M. G., & Son, mill & facty. supplies, Albany, N. Y.  
 Stoner, F. L., contractor, Massillon, O.  
 Stoner, Thaw & Co., Ltd., machsts. & fndrs., 1200 W. Carson, Pittsburgh, Pa.  
 Stonerod, E. D., architect, Pittsburgh, Pa.  
 Stonerook, Howard D., contractor, Youngstown, O.  
 Stonewall Cotton Mills, Stonewall, Miss.  
 Stoneware Elec. Stove Wks., cooking app., Dover, N. J.  
 Stoneware Pipe Co., East Alton, Ill.  
 Stonier, C. R., contractor, Scranton, Pa.  
 Stonier, Linley J., contractor, Scranton, Pa.  
 Stonoga Coke & Coal Co., Stonoga, Va.  
 Stony Creek Red Granite Co., Stony Creek, Conn.  
 Stony Ridge Stone Co., contractors, Toledo, Ohio.  
 Stookey, D. W., brick, Cedar Rapids, Ia.  
 Stoolman, A. W., contractor, Champaign, Ill.  
 Stoopack & Carbat, umbrella mfrs., 37 E. 18th, New York.  
 Stoops Packing Co., canned goods, Van Wert, Ohio.  
 Stoops, Thos. H., contractor, Connersville, Ind.  
 Stopbelt, Manfred M., architect, Nasby Bldg., Toledo, Ohio.  
 Stophlet, J. H., architect, House Bldg., Pittsburgh, Pa.  
 Stophlet, P. S., Sheet Metal Wks., cornices, 12 E. Missouri av. Kansas City, Mo.  
 Stoppenbach's, C., Sons, meat packers, Jefferson, Wis.  
 Stopple Kook Kit Co., camp cooking outfits & stoves, Alma, Mich.  
 Storage Battery Supply Co., 239 E. 27th, New York.  
 Storandt, J. W., Mfg. Co., soda water fountains, show cases, etc., Rochester, N. Y.  
 Storch & Co., cesspools, 1102 Wolf, Philadelphia, Pa.  
 Storch, L. A. & Co., cornices, 517 E. 73rd, New York.  
 Storck, Geo., & Son, sash, door & blind, Belleville, Ill.  
 Storer, A. M., brick, Louisville, Miss.  
 Storer, Chas. N., umbrella, mfrs., Rochester, N. Y.  
 Storer, E. A., canned goods, West Poland, Me.  
 Storer & Gelotte Co., Granite, Quincy, Mass.  
 Storer, Richard V., stone producers, 10 S. La Salle, Chicago, Ill.  
 Storey Bros., flour, Eure, N. C.  
 Storey, Ellsworth, architect, New York Bldg., Seattle, Wash.  
 Storey, H. H. & Co., blue prints & papers, 329 Walnut, Philadelphia, Pa.  
 Storey, W. M., Lumber Co., 150 Nassau, New York.  
 Stork, F. W., architect, 7416 3rd av, Brooklyn, N. Y.  
 Stork, Motor Wks. Co., machinists, Saginaw, Mich.  
 Storm, John, lumber, Keavy, Ky.  
 Storm Lake Tank & Silo Co., Storm Lake, Ia.  
 Storm Mfg. Co., elec. dumb waiters, elevators, etc., 50 Vesey, Newark, N. J.  
 Storm, S. L., lumber, Keavy, Ky.  
 Stormont, Jas. M., & Bro., brick, Francisco, Ind.  
 Stormost, Jas., & Son, contractors, La Crosse, Wis.  
 Storms, H. M., Co., typewriter ribbons, carbon paper, 11 Vandewater, New York.  
 Storms, J. B., stone prod., Ithaca, N. Y.  
 Storrie, R. C., & Co., contractors, 2379 Market, San Francisco, Cal.  
 Storrs Mica Co., mica chimneys, Owego, N. Y.  
 Storsberg, Fritz, Co., bank railings, elec. light fixtures, etc., 24 Atlantic, Newark, N. J.  
 Stortz, John & Son, machsts., 210 Vine, Philadelphia, Pa.  
 Story, A. D., ship builders, Essex, Mass.  
 Story Bros., stone, Blue Mound rd, Milwaukee, Wis.  
 Story & Clark Piano Co., 317 S. Wabash av, Chicago, Ill.  
 Story & Flickinger, contractors, 5 Gt. Jones, New York.  
 Story, J. B., architect, Augusta, Ga.  
 Story, O. L., Scenic Co., Somerville, Mass.  
 Stossel, Carl, & Co., handles—hammers, chisels, files & mallets, etc., Front Royal, Va.  
 Stott Bros., cut glassware, 4450 Main, Manayunk, Phila., Pa.  
 Stott, E. B., & Co., stor. battery trucks, 461 8th av, New York.  
 Stott, John W., cut glassware, 3600 Cresson, Manayunk, Philadelphia, Pa.  
 Stott & Son, knitted gloves, Winona, Minn.  
 Stotz Bros., cornices, Easton, Pa.  
 Stotz, Edward, architect, Monon. Bk. Bldg., Pittsburgh, Pa.  
 Stoudt, H. E., contractor, Bethlehem, Pa.  
 Stouffer Bros., contractors, Decatur, Ill.  
 Stough, E. K., architect, Verona, Pa.  
 Stoughton, Bradley, steel casting & bessemer converters, 29 W. 39th, New York.  
 Stoughton, G. A., architect, Osage, Ia.  
 Stoughton Hardware Co., Whitefield, N. H.  
 Stoughton Nov. Mfg. Co., inkstands & wells, Stoughton, Wis.  
 Stoughton Rubber Co., mackintoshes, 130 Essex, Boston, Mass.  
 Stoughton & Stoughton, architects, 96 5th av, New York.  
 Stoughton Wagon Co., Stoughton, Wis.  
 Stout, A. F., & Son, masons' & bldrs.' matls., Monmouth Junction, N. J.  
 Stout, Howard A., architect, Atlantic City, N. J.  
 Stout Inst., engng. schools & coll., Menomonie, Wis.  
 Stout, J. C., Lumber Co., Lake Charles, La.  
 Stout, Jno. C., architect, Rocky Mount, N. C.  
 Stout Lumber Co., Thornton, Ark.  
 Stoutamire, George W., canned goods, Roanoke, Va.  
 Stoutamire, P. W., canned goods, Salem, Va.  
 Stove & Range Co. of Pittsburgh, Preble av nr. Superior Bridge, Pittsburgh, Pa.  
 Stover, A. W., Co., architects, Fairbanks Bldg., Springfield, O.  
 Stover Construction Co., Watertown, S. D.  
 Stover Engine Works, Freeport, Ill.  
 Stover Gas Mach. Co., Freeport, Ill.  
 Stover Mach. Wks., New Matamoras, Ohio.  
 Stover Mfg. & Engine Co., agri. implements, etc., Freeport, Ill.  
 Stover Steel Tank Co., auto. metal bodies, Freeport, Ill.  
 Stow & Davis Furn. Co., bank fix., Grand Rapids, Mich.  
 Stow Mfg. Co., boring, drilling, tapping, horse clipping, reaming, etc., machinery, Binghamton, N. Y.  
*See adv index at end of book.*  
 Stow, Silas J., fire brick, New Haven, Conn.  
 Stowe Flexible Shaft Co., machsts., N. 26th & Callowhill, Philadelphia, Pa.  
 Stowe-Fuller Co., brick, etc., 1205 Rockefeller Bldg., Cleveland, Ohio.  
 Stowe, Hy., & Son, lbr., Green River, Vt.  
 Stowe, J. D., & Sons, paper & pulp mill, Scitico, Conn.  
 Stowe & Stowe, architects, 309½ 22d, Galveston, Tex.  
 Stowe & Woodward Co., rubber goods, Brockton, Mass.  
 Stowell Co. (The), agricultural implements, fndrs., etc., South Milwaukee, Wis.  
 Stowell, Frank H., Co., contractors, 137 S. La Salle, Chicago, Ill.  
 Stowell, Hy., & Son, pads & tablets, Troy, N. Y.  
 Stowell Mfg. Co., asphalt roofing, 240 Culver av, Jersey City, N. J.  
 Stowell, N. S., & Co., textile machy. supplies, turned wood nov., etc., Dixfield, Me.  
 Stowell, Wm. H., assayers, Spokane, Wash.  
 Stowers Pork Pckg. & Provision Co., Scranton, Pa.  
 Strable Lbr. & Salt Co., Saginaw, Mich.  
 Strachota Bros. Co., bldg. contrs., 396 17th av, Milwaukee, Wis.  
 Strack, Fred C., contractor, Lackawanna, N. Y.  
 Strack, Otto, architect, 220 E. 23d, New York.  
 Strack, Thos. P., contractor, Goodall Bldg., Cincinnati, Ohio.  
 Strahl & Pitsch, wax, acids, etc., 141 Front, New York.  
 Strakle, Carl, brick, Stanton, Neb.  
 Straight Bros., brick, Fonda, Ia.  
 Straight Creek Chemical Co., wood alcohol, Straight, Pa.  
 Straight Dry Plate Co., Jamestown, N. Y.  
 Straight Filament Lamp Co., 42 E. 23d, New York.  
 Straight Line Engine Co., castings, Syracuse, N. Y.  
 Strait, H. N., Mfg. Co., agricultural implements, trucks, wagons, etc., Kansas City, Kans.  
 Strait Scale Co., Kansas City, Kans.  
 Straiton, Geo., granite, Barre, Vt.  
 Straitsville Impervious Brick Co., New Straitsville, Ohio.  
 Stran, C. W., Co., cornices, skylights, 720 Hamilton, Cleveland, Ohio.  
 Strand Heater & Mfg. Co., stoves, heaters & ranges, 7804 Wade Park, Cleveland, Ohio.  
 Strand, Martin A., boat oars, skis, New Richmond, Wis.  
 Strand, N. A., & Co., vibrators, 631 W. Jackson blvd, Chicago, Ill.  
 Strandberg, E. P., Co., contractors, 5010 S. Wabash av, Chicago, Ill.  
 Strandel, Chas. A., architect, 5 N. La Salle, Chicago, Ill.  
 Strandwitz & Scott, blow piping, steel tanks, stacks, etc., Camden, N. J.  
 Strang Engine Co., machsts., Harvey, Ill.  
 Strang, Geo., Hardware Co., cornices & skylights, Richland Center, Wis.  
 Strange, Chas. S., machst. & fndr., Taunton, Mass.  
 Strange, E. W., & Co., machsts. & fndrs., Taunton, Mass.  
 Strange, John, Paper Co., Menasha, Wis.  
 Strange, W. G., Lumber Co. (Ltd.), Newlin, La.  
 Strasbaugh, Harry P., canned goods, Aberdeen, Md.  
 Strasburg Steam Flouring Mill, Strasburg, Va.  
 Strasburg's, C., Sons, scrap iron, Ft. Wayne, Ind.  
 Strassenburgh, R. J., & Co., metal marking inks, Rochester, N. Y.  
 Strassel Gans Paint Co., Louisville, Ky.  
 Strassel, J. L., asphalt paving contrs., Louisville, Ky.  
 Strater, Herman, & Sons, machsts. & fndrs., 74 Sudbury, Boston, Mass.  
 Stratford, Geo., Oakum Co., Cornelison av, Jersey City, N. J.  
 Stratford Packing Co., canned goods, Chiltons, Va.  
 Stratford Paper Co., 170 Cornelison av, Jersey City, N. J.  
 Strathmore Paper Co., Mittineague, Mass.  
 Stratton, B. L., contractor, Mason City, Ia.  
 Stratton Bragg Co., engines & boilers, mill & facty. supplies & whol. hdwe., Petersburg, Va.  
 Stratton, C. L., packing box mfrs., East Jaffrey, N. H.  
 Stratton & Co., lumber, Campbellsburg, Ind.  
 Stratton, D. A., & Co., broom handles, Atlantic Mine, Mich.  
 Stratton, E. B., architect, Equitable Bldg., Boston, Mass.  
 Stratton, E. Platt, naval architect, 80 Broad, New York.  
 Stratton Fire Clay Co., Empire, O.  
 Stratton Mfg. Co., bone mills, Erie, Pa.  
 Stratton Mfg. Co., woodenware & nov. mfrs., Stratton, Me.  
 Stratton, Milton W., architect, Bar Harbor, Me.  
 Stratton & Terstege Co., whol. hdwe., tin & japan ware mfrs., stoves & ranges, etc., 15th & Main, Louisville, Ky.  
 Stratton-Warren Hardware Co., Memphis, Tenn.



- Stratton, Wm. B., architect, Union Trust Bldg., Detroit, Mich.  
 Straub, A. W., Co., agricultural implements, 3737 Filbert, Philadelphia, Pa.  
 Straub, Chas. M., architect, 147 4th av, New York.  
 Straub, Frank, architect, 25 W. 42d, New York.  
 Straub Machinery Co., 1230 Knowlton, Cincinnati, Ohio.  
 Straub Trunk Co., Pueblo, Colo.  
 Straube Piano Co., Hammond, Ind.  
 Straubel Machine Co., Green Bay, Wis.  
 Strauch Bros., piano actions, 22 10th av, New York.  
 Strauch, Moritz F., architect, 1356 Diversey P'way, Chicago, Ill.  
 Strauchen, Ed., contractor, Rochester, N. Y.  
 Straughen, B. W., lumber, Pedricktown, N. J.  
 Straus Boilerine Co., boiler compounds, 50 Church, New York.  
 Straus Bros. Co., gin distillers, 216 W. Madison, Chicago, Ill.  
 Straus, C. B., architect, Security Bank Bldg., Minneapolis, Minn.  
 Straus-Hohenstein Co., silkshades, 132 W. 21st, New York.  
 Straus, M., & Sons, patent leather, 440 Frelinghuysen av, Newark, N. J.  
 Straus Saddlery Co., 27th & Locust, St. Louis, Mo.  
 Strause Gas Iron Co., sad irons, 1425 Vine, Phila., Pa.  
 Strauser, Clayton, E., architect, Mount Carmel, Pa.  
 Strauss, Adolph, & Co., folding rules, 678 B'way, New York.  
 Strauss Bascule Bridge Co., 104 So. Michigan av, Chicago, Ill.  
 Strauss Bros., architectural iron, Sioux City, Ia.  
 Strauss Bros. & Co., alarm clocks, goggles, 355 B'way, New York.  
 Strauss Co., cornices, 370 Richmond, Providence, R. I.  
 Strauss & Co., elec. signs, 209 W. 48th, New York.  
 Strauss, J. E., ice skates, St. Paul, Minn.  
 Strauss Knitting Mills, sweaters, etc., 3220 N. Clark, Chicago, Ill.  
 Strauss Mfg. Co., megaphone horns, 7 W. 22d, New York.  
 Strauss, Wm., show cases, 416 Arch, Philadelphia, Pa.  
 Straw Plains Milling Co., flour, Strawberry Plains, Tenn.  
 Strayer, J. D., & Co., contractors, Johnstown, Pa.  
 Strayhan, J. F., lumber mfrs., Alden Bridge, La.  
 Streater Brick Co., Streater, Ill.  
 Streater Clay Mfg. Co., brick, sewer pipe, drain tile, etc., Streater, Ill.  
 Streater Lumber Co., Streater, Ill.  
 Streater Paving Brick Co., Streater, Ill.  
 Strecker Bros. Co., harness, Marietta, Ohio.  
 Street Bros. Machine Works, Chattanooga, Tenn.  
 Street-Chatfield Lumber Co., 1880 Fullerton av, Chicago, Ill.  
 Street, F. L., flour mills, Masontown, W. Va.  
 Street, J. D., & Co., boiler compounds, lubricating oils, mill & factory supplies, waterproofing materials, etc., 809 N. 2d, St. Louis, Mo.  
 Street, J. F., architect, 129 S. 5th, Phila., Pa.  
 Street & Kent Mfg. Co., fndrs., 549 Fulton, Chicago, Ill.  
 Street Lumber Co., sash, door & blind, South Hadley Falls, Mass.  
 Street, N. V., architect, 403 N. Volusia av, Wichita, Kans.  
 Street, R. R., & Co., mill & facty. & textile mchy. supplies, etc., 549 Washington blvd, Chicago, Ill.  
 Streeter-Amet Weighing & Recording Co., automatic weighing machines, 4101 Ravenswood av, Chicago, Ill.  
 Streeter, C. F., architect, West Bldg., Jacksonville, Fla.  
 Streeter Clip & Spec. Co., 4101 Ravenswood av, Chicago, Ill.  
 Streeter, Hiram R., mchst. & fndr., Grand Ledge, Mich.  
 Streeter, N. R., & Co., hardware specialties, Water & Franklin, Rochester, N. Y.  
 Streeter & Sons, masons' & bldrs.' matls., Worcester, Mass.  
 Streeter, Geo. H., architect, 31 E. 27th, New York.  
 Streich, A., & Bro. Co., buggies, carts, wagons, etc., Oshkosh, Wis.  
 Strelcher, H. P., Co., contractors, Terminal Bldg., Toledo, Ohio.  
 Strelinger, Chas. A., Co., machinery dealers, mill & factory supplies & wholesale hardware, 98 Bates, Detroit, Mich.  
 Strelinger Marine Engine Co., 25 St. Aubin, Detroit, Mich.  
 Stremel Bros. Roofing & Cornice Co., 1314 N. 3d, Minneapolis, Minn.  
 Streng, M., Sons Co., scrap iron & steel, River & Warfield, Pittsburgh, Pa.  
 Stresen-Reuter & Co., paint mfrs., 734 S. Wabash av, Chicago, Ill.  
 Stresenreuter Bros., contractors, 3020 S. Halsted, Chicago, Ill.  
 Strevel & De Friest Hardware Co., cornices, Ravenna, N. Y.  
 Strevel-Patterson Hardware Co., Salt Lake City, Utah.  
 Stribling & Lum, architects, 85 N. High, Columbus, Ohio.  
 Stricker, Henry H., & Co., canners' paste, etc., 604 W. Pratt, Baltimore, Md.  
 Strickland Bros., machsts. & fndrs., Tuscaloosa, Ala.  
 Strickland Cotton Mills, Valdosta, Ga.  
 Strickland & Law, architects, 68 Devonshire, Boston, Mass.  
 Strickland Machine Co., foundry, Richmond, Va.  
 Strickland Pattern Works, Chattanooga, Tenn.  
 Strickland, R. F., Co., fertilizer, Concord, Ga.  
 Strickland-Tillman Hardware Co., Valdosta, Ga.  
 Strickland's, A. J., Mfg. Works, fertilizer, Valdosta, Ga.  
 Strickler, B. F., & Sons, mchsts. & fndrs., Renov, Pa.  
 Strickler Bros. Canvying Co., Tippecanoe City, Ohio.  
 Strickler, C. F., & W. H., Milling Co., flour, Lebanon, Pa.  
 Strickler, Frank, founder, East Prospect, Pa.  
 Strickler Hay Tool Co., Janesville, Wis.  
 Strickler, J. M., flour mills, Berryville, Va.  
 Strickler, S. R., canned goods, Nace, Va.  
 Striebel, A. J., & Co., heating contrs., 52 2d, Milwaukee, Wis.  
 Striebinger, Frederic W., architect, 1900 Euclid av, Cleveland, O.  
 Strieby & Foote Co., automobile & special drop forgings, 301 Ogden, Newark, N. J.  
 Strieder, J. W., Co., cigar machinery, 178 Ruggles, Boston, Mass.  
 Striegel, Geo. J., contractor, Sandwich, Ill.  
 Striffler, Edw. C., wholesale hardware, 591 11th av, New York.  
 Stringer, A. E., contractor, Adena, O.  
 Stringer, J. M., & Son, flour, Skiatook, Okla.  
 Stringer, R. L., lumber mfr., Algoa, Ark.  
 Stringfellow & Ganey, turpentine, Gainesville, Fla.  
 Stringfellow, J. D., turpentine, Gainesville, Fla.  
 Stringfellow Lumber Co., Gainesville, Fla.  
 Strite Governor Pulley Co., 307 S. 3rd, Minneapolis, Minn.  
 Strite Tractor Co., 307 S. 3rd, Minneapolis, Minn.  
 Stritesky, L. R., architect, Empire State Bldg., Spokane, Wash.  
 Strittmatter, A., architect, 1054 Gratiot av, Detroit, Mich.  
 Strobel, Philip & Sons, interior hardwood work, 53 Elizabeth, New York.  
 Strobel Steel Const. Co., 1744 Monadnock Bldg., Chicago, Ill.  
 Strobel & Wilken Co., toys, games & nov., 61 W. 23d, New York.  
 Strobell & Crane, silver nov., 33 E. Kinney, Newark, N. J.  
 Strock, L. W., & Co., wooden handle mfr., 1st Natl. Bank Bldg., Bethlehem, Pa.  
 Stroebel, J. F., cornices & skylights, Neenah, Wis.  
 Stroebel, Wm. L., architect, Martin Bldg., Utica, N. Y.  
 Stroeh, Herman J., architect, Commerce Bldg., Kansas City, Mo.  
 Strohle Machy. & Supply Co., Black Hawk, Colo.  
 Stroh Die Molded Casting Co., 161 Michigan, Milwaukee, Wis.  
 Stroh & Wilson, mill & facty. supplies, 420 W. 42d, New York.  
 Strohecker, A. J., tires, Reading, Pa.  
 Stroh, W. A., & Bro., machsts., 1612 W. Lake, Chicago, Ill.  
 Strohmeier & Arpe Co., sealing wax, 139 Franklin, New York.  
 Stroker, Fritz C., & Son, agricultural implements, Olney, Mo.  
 Strom-Johnson Construction Co., Grand Rapids, Mich.  
 Strom, Wm., architect, 1917 Park av, Baltimore, Md.  
 Stromberg, Allen & Co., street ry. tickets, 430 S. Clark, Chicago, Ill.  
 Stromberg-Carlson Tel. Mfg. Co., lightning arresters, telephone apparatus, etc., 1050 University av, Rochester, N. Y.  
 Stromberg Electric Co., 606 So. Michigan av, Chicago, Ill.  
 Stromberg & Folsom, contractors, 126 Liberty, New York.  
 Stromberg Motor Devices Co., carbureters, 64 E. 25th, Chicago, Ill.  
 Stromberg, Oscar, wood pulp mfrs., 154 Nassau, New York.  
 Stromsburg Brick Co., Stromsburg, Neb.  
 Stronach Door Check Co., 618 S. Canal, Chicago, Ill.  
 Strong, C. H., & Co., soap, 323 W. Madison, Chicago, Ill.  
 Strong, C. H., & Son, contractors, Sweetland Bldg., Cleveland, O.  
 Strong, Carlisle & Hammond Co., farmers' machinery, mill & factory supplies, etc., 336 Frankfort av, N. W., Cleveland, Ohio.  
 Strong, Carlton, architect, Union Bank Bldg., Pittsburgh, Pa.  
 Strong, Chas. H., & Son, dock bldrs., Sweetland Bldg., Cleveland, Ohio.  
 Strong, H. B., sashes, doors & blinds, Wilkesville, O.  
 Strong, H. C., machst. & fndr., Mauston, Wis.  
 Strong & Hale Lumber Co., Portland, Conn.  
 Strong Hardware Co., Burlington, Va.  
 Strong & Hery Co., mill & factory supplies, Rochester, N. Y.  
 Strong, Homer, machinery dealer, mill & facty. supplies, etc., Rochester, N. Y.  
 Strong, John Co., flour mills, masons' & bldrs.' matls., South Rockwood, Mich.  
 Strong, Kennard & Nutt Co., goggles, Schofield Bldg., Cleveland, Ohio.  
 Strong, L. T., architect, Bowling Green, Ohio.  
 Strong Machy. & Supply Co., 21 Walker, New York.  
*See adv index at end of book.*  
 Strong Mfg. Co. (casket), hdwe. mfrs., Winsted, Conn.  
 Strong Mfg. Co., enameled ware mfrs., Sebring, Ohio.  
 Strong, Mason R., architect, 7 Wall, New York.  
 Strong, Nelson, contractor, Sayville, N. Y.  
 Strong, Paul K., architect, Kenton, Ohio.  
 Strong-Scott Mfg. Co., mill & facty. supplies, 413 S. 3d, Minneapolis, Minn.  
 Strong Steel Foundry Co., Buffalo, N. Y.  
 Strong Veneer Co., Gerry, N. Y.  
 Strong, W. H., Brick & Veneer Co., Brewton, Ala.  
 Stroock Felt Mills, felt mfrs., Newburgh, N. Y.  
 Stroock Plush Co., carriage robes, Newburgh, N. Y.  
 Strother & Phinney, meal, fertz. mfrs., West Union, S. C.  
 Stroud Cotton Oil Co., meal, Stroud, Okla.  
 Stroud-Doyle Co., luorg. oils, Oshkosh, Wis.  
 Stroud, E. H., & Co., fertilizer & pulverizer machy., etc., 928 Fullerton av, Chicago, Ill.  
 Stroud, Thos. F., & Co., road machines, plows, wagons, Omaha, Neb.  
 Stroudsburg Engine Works, Stroudsburg, Pa.  
 Stroup, D. V., architect, James Bldg., Chattanooga, Tenn.  
 Stroup, L., sash, door & blind mfr., Alliance, Ohio.  
 Stroup, P. N., & Co., masons' & bldrs.' matls., La Grange, Ind.  
 Stroup, S. P., Lumber Co., Shelbyville, Ind.  
 Strout Bros., contractors, Chelsea, Mass.  
 Strout, Geo. E., architect, 621 Main, Boston & Waltham, Mass.  
 Strout, Wm. A., architect, 81 Fulton, New York.  
 Strube Machine Works, 337 W. 25th, Chicago, Ill.



- Strubel's Ridgewood Iron Works, 1604 De Kalb av, Brooklyn, N. Y.
- Struble, Hy., Cut Stone Co., 209 S. La Salle, Chicago, Ill.
- Strubler Computing Scale Co., Elkhart, Ind.
- Struck, Alfred, & Co., contractors, Louisville, Ky.
- Struck, Fred M., contractor, East Orange, N. J.
- Structo Mfg. Co., toy metal bldg. mats., Freeport, Ill.
- Structural Concrete Co., Dayton, Ohio.
- Strum, Carl, brooms, 3656 Rokely, Chicago, Ill.
- Strunk, Sherwin, Co., masons' & bldrs.' mats., Windom, Minn.
- Strunz, S., & Son, soap, 708 Bingham, Pittsburgh, Pa.
- Struss, Fred., contractor, La Porte, Ind.
- Struthers Coal & Coke Co., Citizens' Bldg., Cleveland, Ohio.
- Struthers Cooperage Co., Struthers, Ohio, & Romeo, Mich.
- Struthers Furnace Co., basic pig iron, Citizens' Bldg., Cleveland, Ohio.
- Struthers Mill Co., sash, door & blind mfrs., 3345 Grand av, Chicago, Ill.
- Struthers, R. F., Co., acet. gas machs., Omaha, Neb.
- Struthers, Robert, architect, 13 W. 30th, New York.
- Struthers, W. F., architect, 209 9th, Pittsburgh, Pa.
- Struthers-Wells Co., steel plate construction, riveted & welded, Warren, Ohio. *See adv index at end of book.*
- Struve, John, flour, Lyons, Ia.
- Struven, Chas. M., & Co., mill & facty supplies, 114 S. Frederick, Baltimore, Md.
- Stryker, A. Y., cornices, Princeton, N. J.
- Stryker Boat-Oar & Lumber Co., Stryker, Ohio.
- Stryker Builders' Supply Co., Stryker, Ohio.
- Stryker, C. W., auto. tire holders, Syracuse, N. Y.
- Strype, Richard, contractor, 40 Coffey, Brooklyn, N. Y.
- Stuart, B. Dudley, architect, lumber exchange, Seattle, Wash.
- Stuart, Burt, architect, Meridian, Miss.
- Stuart, D. A., & Co., boiler compounds, lubrg. oils, turpentine, etc., 29 S. La Salle, Chicago, Ill.
- Stuart Foundry Co., Detroit, Mich.
- Stuart, G. W., architect, St. Petersburg, Fla.
- Stuart, Geo. P., architect, 53 State, Boston, Mass.
- Stuart-Howland Co., elec. railway supplies, 234 Congress, Boston, Mass.
- Stuart, Jas. L., contractor, Illinois Bldg., Cleveland, Ohio, & 233 Olive av, Pittsburgh, Pa.
- Stuart Lumber Co., Brinson, Ga.
- Stuart & Peterson Co., autoclaves, Burlington, N. J.
- Stuart, Robt. J. & T. H., machsts. & fndrs., New Hamburg, N. Y.
- Stuart, T., & Son Co., contractors, 166 Devonshire, Boston & Newton, Mass.
- Stuart, Wm. A., bldg. contr., Auburn, N. Y.
- Stuart, Wm. G., masons' & bldrs.' mats., Skaneateles, N. Y.
- Stuart's Draft Milling Co., flour, Stuart's Draft, Va.
- Stubbs Steel Co., file mfrs., 17 N. 5th, Philadelphia, Pa.
- Stuber, F., & Son, cornices & skylights, Lawrenceburg, Ind.
- Stuber & Kuck Co., lawn sprinklers, basting spoons, etc., 2800 S. Adams, Peoria, Ill.
- Stuck, C. A., & Sons, masons' & bldrs.' mats., Jonesboro, Ark.
- Stucker Bros. Construction Co., contrs., Harrisburg, Pa.
- Stuckert, F. Russell, architect, Crozer Bldg., Philadelphia, Pa.
- Stuckert, J. Franklin, architect, 112 S. 43d, Philadelphia, Pa.
- Stuckey & Tiller Co., turpentine, Oak, Fla.
- Stucki, A., side bearings, Oliver Bldg., Pittsburgh, Pa.
- Stuckstede, Hy., Bell Fndry. Co., 1312 S. 2d, St. Louis, Mo.
- Studebaker Bros. Co., carriages, Ogden, Utah.
- Studebaker Corp., auto. bldrs., Brush & Piquette, Detroit, Mich. & South Bend, Ind.
- Studebaker, Geo. M., Jr., elec. horns, South Bend, Ind.
- Study, Guy, architect, Wright Bldg., St. Louis, Mo.
- Stuebe, Leon F. W., architect, Danville, Ill.
- Stuebing Automatic Machine Co., 308 Walnut, Cincinnati, Ohio.
- Stuebner, G. L., Iron Works, Queensboro Terminal, Long Island City, N. Y. *See adv index at end of book.*
- Stuempfle's, David, Sons, masons' & bldrs.' mats., Williamsport, Pa.
- Stuetzie, Charles, glass stainers, 106 S. 8th, Brooklyn, N. Y.
- Stuhlman Bros., carriages, Palmyra, Mo.
- Stuhlmiller Mantel Works, Buffalo, N. Y.
- Stuhr Lumber Co., 936 Lumber Exchange, Minneapolis, Minn.
- Stulen, Walter H., architect, Renshaw Bldg., Pittsburgh, Pa.
- Stulsoff, M., Co., plumbers' supplies, 647 Missouri, San Francisco, Cal.
- Stultz, Ben. F., flour mill, Mathias, W. Va.
- Stultz, C. M., flour mill, New Market, Va.
- Stumpe, F. W., brick, Washington, Mo.
- Stumpf, Jacob, & Son, contractors, Lancaster, Pa.
- Stupakoff, S. H., pyrometers & furnaces, 6639 Hamilton av, Pittsburgh, Pa.
- Stupp Bros. Bridge & Iron Co., Frisco Bldg., St. Louis, Mo.
- Sturdevant-Murray Mfg. Co., children's vehicles, Mullet & Rivard, Detroit, Mich.
- Sturdevant & Poggi, architects, Coal Exch. Bldg., Wilkes-Barre, Pa.
- Sturges, A. B., architect, Story Bldg., Los Angeles, Cal.
- Sturges, Benjamin, contractor, 3931 Geary, San Francisco, Cal.
- Sturges & Burn Mfg. Co., steel churns, milk & ice cream cans, 508 So. Green, Chicago, Ill.
- Sturges, Howard P., architect, 19 S. La Salle, Chicago, Ill.
- Sturges, Louis H., architect, Board of Trade Bldg., Indianapolis, Ind.
- Sturges Lumber Co., Sedalia, Mo.
- Sturgess, Frank M., contractor, Danbury, Conn.
- Sturgis Bros., contractors, Morristown, N. J.
- Sturgis-Jones Last Co., wooden shoe lasts, Brockton, Mass.
- Sturgis Machine Co., machsts. & fndrs., Sturgis, Mich.
- Sturgis Milling Co., flour, Sturgis, Ky.
- Sturgis, R. Clipston, architect, 120 Boylston, Boston, Mass.
- Sturgis, S. D., Mach. & Tool Wks., Los Angeles, Cal.
- Sturgis Sheet Go-Cart Co., children's carriages, Sturgis, Mich.
- Sturgis, W. B., & Sons, agricultural implements, Shelbyville, Ill.
- Sturm, Adolph, Co., veneer mfrs., 542 Wash. Blvd., Chicago, Ill.
- Sturm, Meyer J., architect, 116 S. Michigan av, Chicago, Ill.
- Sturnfield, Chas. H., architect, New Era Bldg., Chicago, Ill.
- Sturtevant Aeroplane Co., Williams, Jamaica Plain, Mass.
- Sturtevant, B. F., Co., fans, fan systems & allied products, mfrs., 15 Damon, Hyde Park, Boston, Mass. *See adv index at end of book.*
- Sturtevant & Blood Co., masons' & bldrs.' mats., Owosso, Mich.
- Sturtevant & Haley Beef & Supply Co., meat packers, 40 F. H. Market, Boston, Mass.
- Sturtevant-Larrabee Co., carriages, Binghamton, N. Y.
- Sturtevant Mill Co., crushing, grinding, pulverizing, screening, mixing & weighing machinery, mfrs., Clayton & Park, Dor., Boston, Mass.
- Stutler, Warner, contractor, 1225 N. J. av, N. W., Washington, D. C.
- Stutsman, R. O., Co., machsts. & fndrs., Des Moines, Ia.
- Stuttgart Rice Mill Co., Stuttgart, Ark.
- Stuttle Brass Mfg. Co., founders, Batavia, Ill.
- Stutz Motor Car Co., N. W. cor. Capitol av & 10th, Indianapolis, Ind.
- Stutzman, Frank, machinist, Williamsport, Pa.
- Stutzman Mfg. Co., fruit evaporators, Ligonier, Ind.
- Stuyvesant Piano Co., 605 E. 132d, New York.
- Styve Bros., wholesale hardware, Lake Mills, Ia.
- Sub-Target Gun Co., rifle machines, 381 Congress, Boston, Mass.
- Suber, A. A., machinist, Deshler, Ohio.
- Suburban Coal & Supply Co., masons' & bldrs.' mats., Oak Park, Ill.
- Success Brick & Tile Co., Greenwood, Miss.
- Success Dish Washing Machine Co., Wooster, Ohio.
- Success Mfg. Co., metal nov. & specialties, Gloucester, Mass.
- Success Milking Mach. Co., 70 Chestnut, Milwaukee, Wis.
- Such, J. Ridgeway, clays, South Amboy, N. J.
- Sucher, Chas., Packing Co., meat packers, Dayton, Ohio.
- Suck, Theo., flour mills, Silverton, W. Va.
- Suction System Cleaning Co., hand vacuum cleaners, Sidney, O.
- Sudendorf, H. H., masons' & bldrs.' mats., Salina, Kan.
- Suderman & Dolson, contractors, Houston, Tex.
- Sudhoelter, C. H., Co., architects, Joplin, Mo.
- Sudlersville Canning Co., Sudlersville, Md.
- Suelflohn & Seefeld, wholesale hdwe., 45 2nd, Milwaukee, Wis.
- Suer, B., & Sons, brick, 138 Duck Creek rd., Cincinnati, Ohio.
- Suer, Herman, & Sons, brick, Marburg av, Hyde Park, Cincinnati, Ohio.
- Suess Glass Co., stainers, Seattle, Wash.
- Suffa, Jos., cornices, Watertown, Conn.
- Suffolk Clay Co., common brick, Suffolk, Va.
- Suffolk Knitting Co., bathing suit mfrs., E. Boston, Mass.
- Suffron, C. E., machinist, Peebles, Ohio.
- Sugar App. Mfg. Co., Wilmington, Del.
- Sugar Grove Brick Co., Columbus, Ohio.
- Sugar Magazine, trade publication, 326 W. Madison, Chicago, Ill.
- Sugar River Canning Co., Albany, Wis.
- Sugarman, M. H., architect, 681 5th av, New York.
- Sugden, Percy, architect, Merchants' Nat. Bk. Bldg., Savannah, Ga.
- Sugden Press Bagging Co., press cloths, West Chelmsford, Mass.
- Suitt Bros. Mfg. Co., chairs, Cambridge, Ohio.
- Sukernek, Louis, scrap iron & steel, Clinton & Metcalfe, Buffalo, N. Y.
- Sulligent Cotton Oil Co., Sulligent, Ala.
- Sullivan Bridge Co., Sullivan, Ind.
- Sullivan Bros., carriages, Rochester, N. Y.
- Sullivan, C. J., contractor, 252 N. Salina, Syracuse, N. Y.
- Sullivan & Carmody, cornices & skylights, Holyoke, Mass.
- Sullivan Chemical Co., Acidalia, N. Y.
- Sullivan Condensed Milk Co., canned, Sullivan, Wis.
- Sullivan, D. E., & Son, contractors, Interurban Terminal Bldg., Columbus, Ohio.
- Sullivan, D. J., contractor, Taunton, Mass.
- Sullivan, D. T., masons' & bldrs.' mats., Lowell, Mass.
- Sullivan, Daniel P., Jr., plumbers' supplies, 250 Congress, Boston, Mass.
- Sullivan, Edw. S., Co., mill & facty. supplies, Monadnock, Bldg., San Francisco, Cal.
- Sullivan, Eugene, & Son, granite, Barre, Vt.
- Sullivan-Geiger Co., tinware mfrs., Indianapolis, Ind.
- Sullivan Hardware Co., Anderson, S. C.
- Sullivan, J. A., & Co., masons' & bldrs.' mats., Northampton, Mass.
- Sullivan, J. H., contractor, 20 Lake Br., Boston, Mass.
- Sullivan, J. H. (Est. of), masons' & bldrs.' mats., Whitehall, N. Y.
- Sullivan, J. J., contractor, 272 W. 5th, Boston, Mass.
- Sullivan, J. P., contractor, Newport, R. I.
- Sullivan, J. S., Saddletree Co., Jefferson City, Mo.



- Sullivan, J., & Sons Mfg. Co., cotton webbing, 2224 N. 9th, Philadelphia, Pa.
- Sullivan, J. T., masons' & bldrs.' matls., 2360 Fulton, Brooklyn, N. Y.
- Sullivan, Jno., brick, Lansdowne, Pa.
- Sullivan, Jno., & Son, tarpaulins, wagon covers, etc., 356 Hudson, New York.
- Sullivan, John B., & Son, stone producers, Taunton, Mass.
- Sullivan, John J., marble producer, Gouverneur, N. Y.
- Sullivan, John W., Co., machinists, 827 E. 9th, New York.
- Sullivan-Korber Co., archl. iron, store fronts, etc., 2437 W. 21st pl, Chicago, Ill.
- Sullivan, Louis H., architect, 56 E. Congress, Chicago, Ill.
- Sullivan & McKeon, contractors, 902 Chapel, New Haven, Conn.
- Sullivan & McNally Co., contractors, Paterson, N. J.
- Sullivan, M., & Sons Constr. Co., Mercan. Library Bldg., Cincinnati, Ohio.
- Sullivan Machy. Co., mining & stone crushing machy., etc., Peoples Gas Bldg., Chicago, Ill.
- Sullivan-Markley Hardware Co., Greenville, S. C.
- Sullivan, Mason & Sullivan, contractors, Alexandria, Ind.
- Sullivan, Matthew, architect, 100 Boylston, Boston, Mass.
- Sullivan Motor Truck Corp., 1703 East av, Rochester, N. Y.
- Sullivan Oil Co., 413 Wells, Chicago, Ill.
- Sullivan Packing Co., meat packers, 252 Beecher av, Detroit, Mich.
- Sullivan Supply Co., mill & facty. supplies, Saginaw, Mich.
- Sullivan, T., & Co., lbr., 2 Arthur, Buffalo, N. Y.
- Sullivan, T. D., & Sons, contractors, Newton Highlands, Mass.
- Sullivan Varnish Co., 410 Hart, Chicago, Ill.
- Sullivan, W. M., stone producers, Norristown, Pa.
- Sullivan, Wm., Co., htg. contrs., 34 W. Austin av., Chicago, Ill.
- Sullivan, Wm. J., Co., stone producers, 99 Southampton, Boston, Mass.
- Sullivan, Wm. Joseph, stone producer, Grand Rapids, Mich.
- Sullwold, H. A., architect, Endicott Bldg., St. Paul, Minn.
- Sulpho Naphthol Co., disinfectants, 14 Medford, Boston, Mass.
- Sulpice, L. F., machinist, New Orleans, La.
- Sulzbach, F. J., contractor, Sioux City, Ia.
- Sulzberger & Sons Co., fertilizer mfrs., 209 S. La Salle, Chicago, Ill., & Kansas City, Kan.
- Sulzer & Co., machinists, 252 N. 11th, Philadelphia, Pa.
- Sumergate, Jos., stamping dies, 49 Elizabeth, New York.
- Summerhays, Wm., & Son, contractors, Rochester, N. Y.
- Summerill Tubing Co., Bridgeport, Pa.
- Summers, A., & Sons, contractors, Janesville, Wis.
- Summers Buggy Co., Barnesville, Ga.
- Summers, C., stained glass wk., 1455 59th, Brooklyn, N. Y.
- Summers, C. G., & Co., canned goods, 415 W. Camden, Baltimore, Md.
- Summers, C. R., whol. hdwe., Opelika, Ala.
- Summers, F. A., mach. & fndr., Mitchell, S. D.
- Summers & Hemphill, architects, Greenwood, S. C.
- Summers-Parrott Hardware Co., Johnson City, Tenn.
- Summers Steel Car Co., Oliver Bldg., Pittsburgh, Pa.
- Summers, W. L., mach. & fndr., West Plains, Mo.
- Summers, Wm., Co., milk bottle caps, Piqua, Ohio.
- Summerville Brick Co., Summerville, Ga.
- Summerville Cotton Mills Co., Summerville, Ga.
- Summerville Cotton Oil Co., Summerville, Ga.
- Summerville, F. M., architect, 949 B'way, New York.
- Summit Canning Co., Akron, Ind.
- Summit China Co., Akron, Ohio.
- Summit Door Co., sash, door & blind mfrs., 73 St. Paul's av, Jersey City, N. J.
- Summit Foundry Co., Geneva, N. Y.
- Summit Lime Co., Los Angeles, Cal.
- Summit Lumber & Building Co., Akron, Ohio.
- Summit Lbr. Co., Randolph, La.
- Summit Machine Works, lathe mfrs., Worcester, Mass.
- Summit Pressed Brick & Tile Co., Pueblo, Colo.
- Summit Silica Co., Barberton, Ohio.
- Summit Stove Co., fndrs., La Crosse, Wis.
- Summit Stove Wks., Morrison, Ill.
- Summit Thread Co., 103 Medford, Boston, Mass.
- Summitville Drain Tile Co., Summitville, Ind.
- Sumner, A. B., & Son, shoe counters, Lynn, Mass.
- Sumner Counter Co., Haverhill, Mass.
- Sumner & Gerald, mill & facty. plumbers' supplies, jobbers, 287 Congress, Boston, Mass.
- Sumner Iron Wks., machsts. & fndrs., Seattle, Wash.
- Sumner Mfg. Co., bread mixers, Boston, Mass.
- Sumner & Morris, whol. hdwe., Madison, Wis.
- Sumner, Wm., Belting Co., belt lacing, Tolland, Conn.
- Sumpter Lumber Co., Electric Mills, Miss.
- Sumter Brick Wks., Sumter, S. C.
- Sumter Coffin & Casket Mfg. Co., Sumter, S. C.
- Sumter Electric Co., magnets, 1466 Michigan av, Chicago, Ill.
- Sumter Electrical Wks., gas engine igniters, Sumter, S. C.
- Sumter Machy. Co., Sumter, S. C.
- Sumter Railway & Mill Supply Co., Sumter, S. C.
- Sumter Tel. Supply Co., machsts. & fndrs., Sumter, S. C.
- Sun-Burst Prism Co., plain vault lights, Philadelphia, Pa.
- Sun Co., asphalt dlrs., naphtha, oils, etc., Finance Bldg., Philadelphia, Pa.
- Sun Enamel Wks., Leominster, Mass.
- Sun Light Co., arc lamps, Parkersburg, W. Va.
- Sun Mfg. Co., folding chairs & cots, cash drawers, etc., Lorain & McKinley, Columbus, Ohio.
- Sun Mfg. Co., sad irons, South Bend, Ind.
- Sun Milling Co., cereal foods, Oakland, Cal.
- Sun Motor Car Co., automobile bldrs., Elkhart, Ind.
- Sun Novelty Co., balls, balloons (rubber), Bloomfield, N. J.
- Sun Prairie Canning Co., Sun Prairie, Wis.
- Sun Ray Stove Co., Delaware, Ohio.
- Sun Shipbuilding Co., Chester, Pa.
- Sun Typewriter Co., 317 B'way, New York.
- Sun Vapor & Gas Street Light Co., machsts. & fndrs., Canton, O.
- Sun Varnish Co., Louisville, Ky.
- Sun Wall Paper Mfg. Co., Reading, Pa.
- Sunasack, R. W., razor strops, 2129 W. Chicago av, Chicago, Ill.
- Sunbeam Incandescent Lamp Wks. of G. E. Co., 500 S. Clinton, Chicago, Ill.
- Sunbright Canning Co., Dickson, Tenn.
- Sunbury Burial Case Co., coffins, Sunbury, Pa.
- Sunbury Coffin & Casket Co., Sunbury, Pa.
- Sunbury Supply Co., masons' & bldrs.' matls., Sunbury, Pa.
- Sund & Dunham, architects, Essex Bldg., Minneapolis, Minn.
- Sunday & Faber, carriages, Mendota, Ill.
- Sunday, J. D., flour mills, Bernville, Pa.
- Sundberg, August, architect, 78 North av, New Rochelle, N. Y.
- Sundberg Co., crank shafts, forgings, etc., 1024 W. Kinzie, Chicago, Ill.
- Sundberg, Nils M., contractor, 11 Somerset, Providence, R. I.
- Sundberg & Sundberg, architects, Rexburg, Idaho.
- Sunderland Bros. Co., masons' & bldrs.' matls., Omaha, Neb.
- Sunderland, Edw. U., carriages, Highgate, Vt.
- Sunderland, Erskin M., architect, 331 C, N. W., Washington, D. C.
- Sunderland, J. C., architect, Inter-State Bldg., Kansas City, Mo.
- Sunderland Machinery & Supply Co., Omaha, Neb.
- Sunderland Mfg. Co., air pumps, 600 W. 22d, Chicago, Ill.
- Sunderland, Philip N., architect, Danbury, Conn.
- Sunderman Carburetors Corp., Newburgh, N. Y.
- Sundh Elec. Co., 548 W. 23d, New York.
- Sundheimer, Hy., kryolith, 35 Nassau, New York.
- Sundrup, Aug., common brick, Bartleso, Ill.
- Sundstrand Adding Mach. Co., Rockford, Ill., & Mills Bldg., San Francisco, Cal.
- Sundstrom, David L., architect, New Britain, Conn.
- Sundt, M. M., sashes, doors & blinds, Las Vegas, N. M.
- Sunlight Double Glass Sash Co., Louisville, Ky.
- Sunlight Elec. Spec. Co., dry batteries, 453 Broome, New York.
- Sunlight Oil & Gasoline Co., naphtha refiners, 49th & Gray's av, Philadelphia, Pa.
- Sunlight Reflector Co., 226 Pacific, Brooklyn, N. Y.
- Sunlit Fruit Co., canners, 112 Market, San Francisco, Cal.
- Sunner & Gerlach, masons' & bldrs.' matls., 1401 N. Register, Baltimore, Md.
- Sunny Brook Distillery Co., 169 W. Randolph, Chicago, Ill.
- Sunny Side Distilling Co., 115 Pike, Cincinnati, Ohio, & Covington, Ky.
- Sunny Side Granite Co., Richmond, Va.
- Sunnyvale Canneries, Sunnyvale, Cal.
- Sunset Brick & Tile Co., Gonzales, Tex.
- Sunset Canning Co., Pomona, Cal.
- Sunset Carriage Fcty., Stockton, Cal.
- Sunset Construction Co., 20th av & Ortega, San Francisco, Cal.
- Sunset Cotton Oil Co., Sunset, La.
- Sunset Dist. Co., 116 S. 5th av, Chicago, Ill.
- Sunset Knitting Co., 334 Sutter, San Francisco, Cal.
- Sunset Lumber Co., Oakland, Cal.
- Sunset Packing Co., West Pembroke, Me.
- Sunshine, Jasper, Co., sad irons, 59 E. 8th, New York.
- Sunshine Mantle Co., Chanute, Kan.
- Suor & Suor Bldg. Co., builders' exch., Buffalo, N. Y.
- Super Lighting Co., auto. lenses, 1842 B'way, New York.
- Superb Stamp Pad Co., 27 Cottage, Auburn, N. Y.
- Superior Boiler Wks., Marion, Ind.
- Superior Box Co., Superior, Wis.
- Superior Brass & Fixture Co., 312 W. Jackson blvd, Chicago, Ill.
- Superior Brass & Mfg. Co., machsts. & fndrs., 106 S. 8th, St. Louis, Mo.
- Superior Brass Nov. Co., bath room fix. & furnishings, 545 E. 116th, New York.
- Superior Button Mfg. Co., 41 N. 11th, Philadelphia, Pa.
- Superior Charcoal Iron Co., pig iron & coke dlrs., Grand Rapids, Mich.
- Superior Chemical Co., alums, Joliet, Ill.
- Superior Chemical & Engng. Co., boiler compounds, 3905 Irving Pk. pl, Chicago, Ill.
- Superior Chemical Mfg. Co., belt dressing, Grand Rapids, Mich.
- Superior Churn & Mfg. Co., Northville, Mich.
- Superior Concrete Products Co., sanitary flooring, Russell & G. T. R., Detroit, Mich.
- Superior Cornice & Skylight Wks., 214 E. 127th, New York.
- Superior Corundum Wheel Co., Waltham, Mass.
- Superior Die, Tool & Machine Co., 549 N. Fourth, Columbus, Ohio.
- Superior Door Catch Co., Superior, Wis.
- Superior Elec. Mfg. Co., 2416 University av, S.E., Minneapolis, Minn.
- Superior Fence Co., Cleveland, Ohio.



- Superior Fifth Wheel Co., Superior, Wis.  
 Superior Foundry Co., E. 71st & W. & L. E. Ry., Cleveland, O.  
 Superior Fdry & Mfg. Co., Belleville, Ill.  
 Superior Gas Engine Co., Springfield, Ohio.  
 Superior Guano Co., fertilizer mfrs., Clinton & 4th av, Baltimore, Md.  
 Superior Hardware Co., Superior, Wis.  
 Superior Hay Stacker Mfg. Co., Linneus, Mo.  
 Superior Iron & Mfg. Co., Wauseon, Ohio.  
 Superior Iron Wks. Co., misc. derricks, Superior, Wis.  
 Superior Ivory Button Co., 49 Dickerson, Newark, N. J.  
 Superior Ladder Co., Goshen, Ind.  
 Superior Lamp Mfg. Co., 136 W. 52nd, New York.  
 Superior Mach. & Boiler Wks., 848 W. Superior, Chicago, Ill.  
 Superior Machine Co., clothes washing machines, Sterling, Ill.  
 Superior Mach. & Engng. Co., Detroit, Mich.  
 Superior Machine Tool Co., drilling machines, Kokomo, Ind.  
 Superior Mfg. Co., fire place heaters, etc., Magnolia, Pittsburgh, Pa.  
 Superior Mfg. Co., lamps, windshields, etc., Ann Arbor, Mich.  
 Superior Mfg. Co., sweaters, cardigans, etc., Hoosick Falls, N. Y.  
 Superior Mfg. & Mill Co., agricultural implements, Springfield, Ohio.  
 Superior Mattress Co., St. Louis, Mo.  
 Superior Metal Products Co., Elyria, O.  
 Superior Meter Co., gas, calorimeters & photometers, etc., Bush Terminal Bldg., Brooklyn, N. Y.  
 Superior Motor Power Co., 30 Irving pl, New York.  
 Superior Oil & Supply Co., 13 W. Division, Chicago, Ill.  
 Superior Oxy-Acetylene Machine Co., Hamilton, Ohio.  
 Superior Pattern Works Co., 1247 Marquette rd, Cleveland, O.  
 Superior Polish Co., shoe blacking, Brockton, Mass.  
 Superior Portland Cement Co., Union Central Bldg., Cincinnati, Ohio, & Seattle, Wash.  
 Superior Press Brick Co., 3190 S. Kings highway, St. Louis, Mo.  
 Superior Red Slate Co., roofing, Granville, N. Y.  
 Superior Sand Co., Cuyahoga Bldg., Cleveland, O.  
 Superior Seating Co., school furniture, Muskegon, Mich.  
 Superior Sheet Metal Wks. Co., rural mail boxes, coolers, etc., 3201 Roosevelt av, Indianapolis, Ind.  
 Superior Ship Building Co., Superior, Wis.  
 Superior Spring Hinge Co., 136 W. Lake, Chicago, Ill.  
 Superior Steel Co., Carnegie, Pa.  
 Superior Stove Wks., 832 W. Superior, Chicago, Ill.  
 Superior Supply Co., masons' & bldrs.' matls., Toledo, O.  
 Superior Supply Co., mill & facty. supplies, Bluefield, W. Va.  
 Superior Tack & Nail Co., Derby, Conn.  
 Superior Tap Co., machsts. & fndrs., Charlestown, N. H.  
 Superior Tool Co., Cambridge, O.  
 Superior Trading Co., canned goods, Seattle, Wash.  
 Superior Type Co., 32 S. Clinton, Chicago, Ill.  
 Superl Mfg. Co., metal polish, Los Angeles, Cal.  
 Supertone Talking Mach. Co., 18 W. 20th, New York.  
 Suppes Forge & Foundry Co., Johnstown, Pa.  
 Suppes, John F., architect, Teaneck, N. J.  
 Supple, Jos., ship builder, Portland, Ore.  
 Supplee-Biddle Hardware Co., hardware, wholesale, 510 Commerce, Philadelphia, Pa. *See adv index at end of book.*  
 Supplee Co., architects, 5900 Washington, Philadelphia, Pa.  
 Supplee, Wm., brooms, Topeka, Kans.  
 Sur-Coat Mfg. Co., boiler compounds, 149 Jefferson av, Detroit, Mich.  
 Sure Hatch Incubator Co., Fremont, Neb.  
 Sureloc Paper Clip Co., Providence, R. I.  
 Surerus & Greenhill, machsts., 502 W. Division, Chicago, Ill.  
 Surf Packing Co., canned goods, Aberdeen, Wash.  
 Surpluss, Dunn & Co., whol. hdwe., 74 Murray, New York.  
 Surprise Soap Co., 45 Bennet, Boston, Mass.  
 Surrell Down Draft Boiler Co., 101 Park av, New York.  
 Surry Lbr. Co., Union Trust Bldg., Baltimore, Md.  
 Surty Guard Co., 62 E. Lake, Chicago, Ill.  
 Suspension Roller Bearing Co., Spartanburg, S. C.  
 Suspension Steel Concrete Co., 111 N. Jefferson, Chicago, Ill.  
 Susquehanna Casting Co., Wrightsville, Pa.  
 Susquehanna Chemical Co., wood alcohol, Straight, Pa.  
 Susquehanna Cut Glass Co., Columbia, Pa.  
 Susquehanna Iron Co., rolling mills, York, Pa.  
 Susquehanna Marine Works Co., motor boat bldrs., Havre de Grace, Md.  
 Susquehanna Stone Co., Williamsport, Pa.  
 Susquehanna Webbing Co., Bloomsburg, Pa.  
 Susquehanna Woolen Co., blankets, New Cumberland, Pa.  
 Susquemaec Dist. Co., 308 Traction Bldg., Cincinnati, Ohio.  
 Sussdorf, Chas. A., architect, 100 State, Albany, N. Y.  
 Sussfeld, Lorsch & Co., clocks, goggles, telescopes, etc., 90 Maiden la, New York.  
 Sussman, Harris, mattresses, 232 E. 111th, New York.  
 Sussman, M., & Rosenberg Mfg. Co., auto. seats, Tarrytown, N. Y.  
 Sustins, F. A., machsts. & fndrs., Stevens Point, Wis.  
 Sutcliffe, Adam, & Co., shipping tags, Pawtucket, R. I.  
 Sutcliffe, Arthur S., architect, 109 Broad, New York.  
 Sutcliffe's, Jno., Sons, masons' & bldrs.' matls., Wheaton, Ill.  
 Suter, Alfred, yarn conditioning machines, 200 5th av, New York.  
 Sutermeister, Arnold, Stone Co., 2018 Roost av, Kansas City, Mo.  
 Suthered & Co., architects, Laredo, Tex.  
 Sutherland, D. T., machinist, Bainbridge, Ga.  
 Sutherland & Edwards Co., jute twine, Paterson, N. J.  
 Sutherland, F. L., Co., handles, harness, racks, Detroit, Mich.  
 Sutherland, H., Co., distillers, Bardstown, Ky.  
 Sutherland-Innes Co., lumber cooperage stock, 29 B'way, New York.  
 Sutherland, L. J., & Co., lumber mfrs., New Orleans, La.  
 Sutherland, Thos. M., contractor, Cedar Rapids, Ia.  
 Sutherland, W. M., Bldg. & Contr. Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Sutphen & Myer, plate glass, 9 Desbrosses, New York.  
 Sutphin, Elmer E., machsts., Trenton, N. J.  
 Sutter, Frank L., architect, Louis blk, Dayton, Ohio.  
 Sutter, H., Granite & Marble Co., granite, 562 Muskego av, Milwaukee, Wis.  
 Sutter, John F., contractor, Glen Morris, N. Y.  
 Sutter, Jno. H., bridge foundations, 30 N. La Salle, Chicago, Ill.  
 Sutter, Louis, cornices, West Hoboken, N. J.  
 Sutterly, G. T., & Co., fndrs.—auto. lamps, 23d & Hamilton, Philadelphia, Pa.  
 Suttle, C. E., architect, Meridian, Miss.  
 Sutton & Corson Co., contractors, Ocean City, N. J.  
 Sutton, E. W., carpet linings, 53 Sedgwick, Brooklyn, N. Y.  
 Sutton, F. S. & S. E., architects, 9 Clinton, Newark, N. J.  
 Sutton Foundry & Structural Steel Works, 2001 Rosseau, New Orleans, La.  
 Sutton, Frank, htg. & ventg. engrs., 80 B'way, New York.  
 Sutton Grocer & Milling Co., flour, Sutton, W. Va.  
 Sutton, J. H., carriages, Providence, R. I.  
 Sutton, J. P., fndrs., New Orleans, La.  
 Sutton, John G., Co., htg. contrs., 243 Minna, San Francisco, Cal.  
 Sutton, John P., & Co., meat packers, Auburn, Me.  
 Sutton, O. C., & Co., brick, Marianna, Ark.  
 Sutton, Steel & Steel, machsts. & fndrs., Dallas, Tex.  
 Sutton & Stephenson, contractors, 1317 Washington av, Phila., Pa.  
 Sutton & Suderly Brick Co., Coeymans, N. Y.  
 Sutton, W. A., & Co., iron, 926 N. 19th, Philadelphia, Pa.  
 Sutton & Whitney, architects, Lewis Bldg., Portland, Ore.  
 Sutton, Wm. P., steam fitters' supplies, Keokuk, Ia.  
 Sutton's Foundry & Structural Steel Works, New Orleans, La.  
 Sutton's Mills, woolen fannels, North Andover, Mass.  
 Suverkrup, John, lumber, San Bernardino, Cal.  
 Suwanee Turpentine Co., Janney, Fla.  
 Suwanne Hardware Co. (whol.), Live Oak, Fla.  
 Suydam, M. B., Co., paints, 61st & Putler, Pittsburgh, Pa.  
 Suzlo, Leonardo Construction Co., Meriden, Conn.  
 Svea Art Cabinet Works, 1210 W. Washington, Los Angeles, Cal.  
 Svenson-Shuman Machine Co., concrete mixers, Oliver Bldg., Pittsburgh, Pa.  
 Swab Carriage Co., Elizabethville, Pa.  
 Swab Foundry Co., Elizabethville, Pa.  
 Swab Wagon Co., Elizabethville, Pa.  
 Swaby Mfg. Co., pumps, 2010 Marshall blvd, Chicago, Ill.  
 Swack's Fertilizer Works, Dubois, Pa.  
 Swager, A. E., architect, Majestic Bldg., Milwaukee, Wis.  
 Swain, C. W., Canning Co., Sabina, Ohio.  
 Swain & Angel Co., machsts. & fndrs., 3105 Smallman, Pittsburgh, Pa.  
 Swain-Carpenter Co., plumbers' woodwork, 7th & Morris, Philadelphia, Pa.  
 Swain, Chas. H., & Co., contractors, Concord, N. H.  
 Swain, Clarkson, architect, 519 California, San Francisco, Cal.  
 Swain, D. M., machinist, Stillwater, Minn.  
 Swain, Frank E., plumbers' supplies—jobbers, 69 Beekman, New York.  
 Swain-Karmire Lumber Co., Fulton, Ky.  
 Swain Lubricator Mfg. Co., 443 W. 37th, Chicago, Ill.  
 Swain & Reed, wood handles, Roxbury, Me.  
 Swain, Wm., architect, Pullman, Wash.  
 Swain, Wm. T., & Co., masons' & bldrs.' matls., Nantucket, Mass.  
 Swaine, Fred J., Mfg. Co., dies, presses, etc., 7th & O'Fallon, St. Louis, Mo.  
 Swaine, John, Iron Works Co., Springfield, Mass.  
 Swainesboro Fertilizer Co., Swainesboro, Ga.  
 Swallow & Hopkins, lumber mfrs., Duluth, Minn.  
 Swallow, W. Shelton, Co., contractors, 105 W. 40th, New York.  
 Swan, Alden, & Co., lubrg. oils & greases, 135 Front, New York.  
 Swan Elec. Co., lamp guards, 144 Oliver, Boston, Mass.  
 Swan & Finch Co., lubricating oils & greases, 165 B'way, New York.  
 Swan, George, architect, Beverly, Mass.  
 Swan, Geo. B., rural mail boxes, Mattoon, Ill.  
 Swan, Jas., Co., machsts. & fndrs., Seymour, Conn.  
 Swan, Robt., Jr., Co., contrs., Jenkins Arcade, Pittsburgh, Pa.  
 Swan, S. N., & Sons, organs, Freeport, Ill.  
 Swamer, F. J., architect, Boyd Park Bldg., Salt Lake City, Utah.  
 Swanger, J. Q., Jr., cornices, Mishawaka, Ind.  
 Swanger & McClain, cornices, Marion, Ind.  
 Swank Hdwe. Co., steam fitters' supplies, Johnstown, Pa.



- Swank's, H., Sons, saddle sleeves, Johnstown, Pa.  
 Swannell, Jos., architect, Red Bank, N. J.  
 Swansdown Knitting Co., sweaters, cardigans, etc., Hudson, N. Y.  
 Swanson, A. J., brick, Lindsborg, Kans.  
 Swanson Bros., contractors, Massillon, Ohio.  
 Swanson, Chas., contractor, Jamestown, N. Y.  
 Swanson, J. A., contractor, Warren, Pa.  
 Swanson, J. Glass Co., 168 W. Chicago av, Chicago, Ill.  
 Swanson, Peter, naval architect, Belvedere, Cal.  
 Swanson-St. Joseph Plow Co., St. Joseph, Mo.  
 Swanson, Victor, contractor, Allston, Boston, Mass.  
 Sward, A. E., & Co., stone producers, 123 W. 33d, Chicago, Ill.  
 Swart, Elmer E., contractor, Kingston, N. Y.  
 Swarthmore Coll., engng. school & coll., Swarthmore, Pa.  
 Swarthout & Speer, architects, Wausau, Wis.  
 Swarting, G. Wm., architects, 5333 Minerva av, St. Louis, Mo.  
 Swartwood, C. J., contractor, Ithaca, N. Y.  
 Swartwout Mfg. Co., hand carts, Clinton, N. Y.  
 Swartwout, Russell G., architect, White Plains, N. Y.  
 Swartz, G. A., contractor, Streator, Ill.  
 Swartz, H. D., rat traps, Scranton, Pa.  
 Swartz, Philip & Sons, mchts. & fndrs., Moscow, Pa.  
 Swartz, S. M., Lumber Co., Newton, Kans.  
 Swartz & Swartz, architects, Rowell Bldg., Fresno, Cal.  
 Swasey, Raymond & Page, naval architects, 100 Boylston, Boston, Mass.  
 Swasey, Wm. A., architect, 47 W. 34th, New York.  
 Swash Motor Washer Co., clothes washing machines, Buttes & Michigan av, Columbus, Ohio.  
 Swatek & Parker, contractors, Oklahoma, Okla.  
 Swayne, Robinson & Co., agricultural impements, Richmond, Ind.  
 Swayze, H. M., stone, Trenton, N. J.  
 Swayzee Canning Co., Swayzee, Ind.  
 Swearingen, J. C., Ink Co., paste, 222 Wick, Pittsburgh, Pa.  
 Sweat-Comings Co., sash, door & blind mfrs., Richford, Vt.  
 Sweatt & Gould, granite producers, 75 Main, Boston, Mass.  
 Sweatt, R. C., Co., architects, Fernwell Bldg., Spokane, Wash.  
 Swedish-American Tel. Mfg. Co., 5235 Ravenswood av, Chicago, Ill.  
 Swedish Crucible Steel Co., fndrs., Butler & Grand Trunk R. R., Detroit, Mich.  
 Swedish Gage Co., drills, gages, etc., 22 W. 61st, New York.  
 Swedish Iron & Steel Corp., 12 Platt, New York.  
 Swedish Separator Co., 515 S. 5th av, Chicago, Ill.  
 Swedish Venetian Blind Co., 47 W. 34th, New York.  
 Sweeney & Gray, machsts., 81 6th, Long Island City, N. Y.  
 Sweeney, J. A., & Co., cornices, 829 W. 5th, Cincinnati, Ohio.  
 Sweeney, J. W., Constr. Co., Portland, Ore.  
 Sweeney, James, architect, New London, Conn.  
 Sweeney, Luke F., contractor, Danbury, Conn.  
 Sweeney, M. A., Shipyard & Foundry Co., Jeffersonville, Ind.  
 Sweeney, Tom, Hardware Co., Rapid City, S. D.  
 Sweeney Tractor Co., traction engines, Kansas City, Mo.  
 Sweeney, W. H., Mfg. Co., bath room fixtures & furnishings, etc., 30 Main, Brooklyn, N. Y.  
 Sweet, A. H., & Son, boxes, snow shovels, Norton, Mass.  
 Sweet, B. H., & H. L., Co., wagons, grates, Fond du Lac, Wis.  
 Sweet Bros., fndrs., Lestershire, N. Y.  
 Sweet Bros. Paper Mfg. Co., Phoenix, N. Y.  
 Sweet, C. F., lubrg. oils, Hartford, Conn.  
 Sweet, Chas. A., Provision Co., meat packers, 813 Spruce, St. Louis, Mo.  
 Sweet & Doyle, mill & facty. supplies, Cohoes, N. Y.  
 Sweet & Doyle Fdry. & Mach. Co., Green Island, N. Y.  
 Sweet, E. F., granite, Newport, R. I.  
 Sweet, Geo., Mfg. Co., potato coverers, Dansville, N. Y.  
 Sweet, Geo. W., ladders, wood pumps, etc., Flint, Mich.  
 Sweet Mfg. Co., rowboat motors, Campau Bldg., Detroit, Mich.  
 Sweet-Teller Hardware Co., Boise, Idaho.  
 Sweet, Thomas J., & Co., canned goods, Albion, N. Y.  
 Sweet, Wm. A., architect, Boardman Bldg., Troy, N. Y.  
 Sweet and Filter Press Co., 149 B'way, New York.  
 Sweetman, G. W., Jr., contractor, Council Bluffs, Ia.  
 Sweets Catalogue, trade publication, 119 W. 40th, New York.  
 Sweets Steel Co., Williamsport, Pa.  
 Sweetser, J. G., cornices & skylights, Portsmouth, N. H.  
 Sweetser-Sanborn Co., mill & facty. supplies, Somersworth, N. H.  
 Sweetser's Drain Tile Co., Sweetser's, Ind.  
 Sweiberg, Chas. E., contractor, 82 W. Washington, Chicago, Ill.  
 Sweigard, Jos. L., & Co., machsts., Betz Bldg., Philadelphia, Pa.  
 Sweigart, A. R., machsts., Morgantown, Pa.  
 Swenk, Benson Co., sash, door & blind mfrs., 2305 Cherry, Philadelphia, Pa.  
 Swenson, A., cornices, 807 Emerson av, Minneapolis, Minn.  
 Swenson, B. A., priming cups, 522 Broad, Providence, R. I.  
 Swenson Const. Co., Shubert Bldg., Kansas City, Mo.  
 Swenson Evaporator Co., mfrs. evaporator & chemical machy., 53 W. Jackson blvd, Chicago, Ill.  
 Swenson Grubber Co., lightning rods, capstans, etc., Cresco, Ia.  
 Swenson, J., ship builders, Ft. Warren, Jersey City, N. J.  
 Swenson, John, Granite Co., 101 Park av, New York. & Concord, N. H.  
 Swenson, L., & Son, contractors, Passaic, N. J.  
 Swenson Valve Co., machsts. & fndrs., Decorah, Iowa.  
 Swensson, Emil, archl. engrs., Frick Bldg., Pittsburgh, Pa.  
 Swett, A. L., Iron Wks., machsts. & fndrs., Medina, New York.  
 Swick, W. L., iron flumes, Glenwood Springs, Colo.  
 Swift & Co., fertilizer mfrs., Moultrie, Ga., & St. Paul, Minn.  
 Swift & Co., meat packers, glue & fertilizer mfrs., Union Stock Yards, Chicago, Ill., & 154 9th, Jersey City, N. J.  
 Swift, E. E., contractor, Wood Hole, Mass.  
 Swift Fly Swatter Mfg. Co., 1412 W. 12th, Kansas City, Mo.  
 Swift, Geo. B., Co., contractors, 189 W. Madison, Chicago, Ill.  
 Swift, Geo. H., architect, Flint, Mich.  
 Swift, Geo. W., Jr., envelope machs., Bordentown, N. J.  
 Swift, I. F., Co., mill & facty. supplies, whol. hdwe., Houghton, Mich.  
 Swift, James, contractors, 522 S. Hudson, Syracuse, N. Y.  
 Swift Lubricator Co., Elmira, N. Y.  
 Swift Lbr. Co., Knoxo, Miss.  
 Swift-McNutt Co., contractors, 70 Devonshire, Boston, Mass.  
 Swift, M., & Sons, composition leaf, Hartford, Conn.  
 Swift Mfg. Co., agricultural implements, Waterloo, Ia.  
 Swift Paint Co., Wade Bldg., Cleveland, Ohio.  
 Swift, Stanley C., Mfg. Co., stanchion irons, Cuba, N. Y.  
 Swigart, Herbert, architect, Permanent Bldg., Cleveland, Ohio.  
 Swindell Bros., chemical glassware, Bayard & Russell, Baltimore, Md.  
 Swindell, Wm., & Bros., engineers & contractors, Jenkins Arcade Bldg., Pittsburgh, Pa.  
 Swineford, G. A., Co., agricultural implements, Canton, Ohio.  
 Swinehart Tire & Rubber Co., Akron, Ohio.  
 Swing Bros., flour, Lexington, N. C.  
 Swing, J. M., & Bro., canned goods, Greensboro, Md.  
 Swinger, Oliver, brick, Painter Creek, Ohio.  
 Swingle Bros., contractors, Zanesville, Ohio.  
 Swingle, J. A., Contr. Co., Zanesville, Ohio.  
 Swingle, J. S., granite, Quincy, Mass.  
 Swint Bros. Stone Co., Fremont, Ohio.  
 Swint, Reineck & Co., whol. hdwe., Fremont, Ohio.  
 Swinton & Co., fndrs., Port Jervis, N. Y.  
 Swirsky, F., & Co., architects, University Bldg., Detroit, Mich.  
 Swisher, L., Lbr. Co., masons' & bldrs.' matls., Decatur, Ill.  
 Swisher, R. D., Mfg. Co., trade checks, 413 S. Clinton, Chicago, Ill.  
 Swisher, S. P., masons' & bldrs.' matls., Danville, Ill.  
 Swiss Colors Co., chemicals, 15 E. 12th, New York.  
 Switzer, C. G., canned goods, Fincastle, Va.  
 Switzer, C. M., furnaces, Butler, Ohio.  
 Swoop Julian M., castings, engines, forgings, etc., 913 Girod, New Orleans, La.  
 Swope Garage & Machine Co., Washington, C. H., Ohio.  
 Swope, Geo. A., potteries, Lancaster, Pa.  
 Swope, Hy. R., battery motors, 120 N. 7th, Philadelphia, Pa.  
 Sword, G. W., & Son, contractors, Lanark, Ill.  
 Swoyer Bros. Brick Co., Allentown, Pa.  
 Sybilla E. Elev. Co., Chattanooga, Tenn.  
 Sybilla Elev. & Mach. Co., contrs. material hoists, 214 W. Ontario, Chicago, Ill.  
 Sybilla Elev. & Mfg. Co., elec. hoists, Chattanooga, Tenn.  
 Sycamore Preserve Wks., Sycamore, Ill.  
 Sydnor Pump & Well Co., machinery dealer, Richmond, Va.  
 Syefried, E. A., contractor, 3702 Collins av, Cincinnati, Ohio.  
 Sykes Co., awnings, cornices, iron, etc., 930 W. 19th pl, Chicago, Ill.  
 Sykes, Geo., Inc., contractor, 40 W. 32d, New York.  
 Sykes Metal Lath & Rfg. Co., Niles, Ohio.  
 Sykes Milling Co., flour, Cleveland, Tenn.  
 Sykes, S., & Son, contractors, Scranton, Pa.  
 Sykes Steel Roofing Co., ceilings, doors, windows, etc., 930 W. 19th pl, Chicago, Ill.  
 Sykes, W. F., & Co., aniline colors, etc., 85 Water, New York.  
 Sylacauga Fertilizer Co., Sylacauga, Ala.  
 Sylecau Mfg. Co., machsts. & fndrs., Rock Hill, S. C.  
 Syles, Thos., masons' & bldrs.' matls., 59 Flushing av, Jamaica, N. Y.  
 Syliaasen & Sando, contractors, Downs Bldg., Seattle, Wash.  
 Sylvan Cotton Mills, Shelbyville, Tenn.  
 Sylvania Stone Co., Toledo, Ohio.  
 Sylvester, C. F., & Co., tex. machy. supplies (weavers' combs), Fall River, Mass.  
 Sylvester Co., iron rolling mills, 141 Milk, Boston, Mass.  
 Sylvester, Edmond, contractor, Aurora, Ill.  
 Sylvester, Edmund Q., architect, 31 Beason, Boston, Mass.  
 Sylvester, L., & Son, contrs., Aurora, Ill.  
 Sylvia Milling Co., flour, Sylvia, Kansas.  
 Symansky Bros., scrap brass & iron, Troy, N. Y.  
 Symington, T. H., Co., fndrs., Md. Trust Bldg., Baltimore, Md.  
 Symmers, Jno. H., stone, S. Blvd. & 141st, New York.  
 Symmes, Edwin J., architect, Pacific Bldg., San Francisco, Cal.  
 Symmes, H. H., contractor, Indianapolis, Ind.  
 Symonds, O. P., & Sons, packing box, Reading, Mass.  
 Symonds Register Co., St. Louis, Mo.  
 Symonds, Wm. H., architect, Saranac Lake, N. Y.  
 Symons Bros. Co., machsts., Evanston, Ill.  
 Symons Clamp Co., 2219 S. Halsted, Chicago, Ill.  
 Symons, J. P., Co., machsts. & fndrs., Centralia, Wash.  
 Synder, H. V., & Son, contractors, Battle Creek, Mich.  
 Synder, M. L., & Sons, flour mills, Levels, W. Va.  
 Syracuse Archl. Iron Wks., Syracuse, N. Y.  
 Syracuse Auto. Radiator Co., Syracuse, N. Y.  
 Syracuse Boiler Wks., Syracuse, N. Y.  
 Syracuse Bridge Co., Syracuse, N. Y.



- Syracuse Broom Co., Syracuse, N. Y.  
 Syracuse Candle Co., Syracuse, N. Y.  
 Syracuse Canning Co., Syracuse, Utah.  
 Syracuse Chilled Die & Casting Co., Syracuse, N. Y.  
 Syracuse Chilled Plow Co., agricultural implements, 111 Wyoming, Syracuse, N. Y.  
 Syracuse Crucible Steel Co., Syracuse, N. Y.  
 Syracuse Die Moulded Casting Co., Syracuse, N. Y.  
 Syracuse & Eldridge Glove & Mitten Co., Syracuse, N. Y.  
 Syracuse Faucet & Valve Co., Eastwood, Syracuse, N. Y.  
 Syracuse Gear Co., Syracuse, N. Y.  
 Syracuse Heater Co., Syracuse, N. Y.  
 Syracuse Industrial Gas Co., Syracuse, N. Y.  
 Syracuse Malleable Iron Works, Syracuse, N. Y.  
 Syracuse Ornamental Co., casket trimmings, Syracuse, N. Y.  
 Syracuse Pottery Co., 713 E. Division, Syracuse, N. Y.  
 Syracuse Raw Hide Mfg. Co., cut gears, Syracuse, N. Y.  
 Syracuse Reduction & Mfg. Co., lubrg. oils, Syracuse, N. Y.  
 Syracuse Rendering Co., fertilizer mfrs., Syracuse, N. Y.  
 Syracuse Safe Co., Syracuse, N. Y.  
 Syracuse Screen & Grille Co., North Manchester, Ind.  
 Syracuse Smelting Wks., metals, electrotype, linotype, etc., 837 Manhattan av., Brooklyn, N. Y.  
 Syracuse Stamping Co., toasters, Syracuse, N. Y.  
 Syracuse Supply Co., mill & facty. supplies, machy. dlrs., Syracuse, N. Y.  
 Syracuse Trunk Wks., Syracuse, N. Y.  
 Syracuse Twist Drill Co., Syracuse, N. Y.  
*See adv index at end of book.*  
 Syracuse Unit Brick Co., Syracuse, N. Y.  
 Syracuse Univ., engng. school & coll., Syracuse, N. Y.  
 Syracuse Wall Plaster Co., Syracuse, N. Y.  
 Syracuse Wire Works, bank & office railings, etc., 101 University, Syracuse, N. Y.  
 Syracuse Wrench Co., 325 W. Fayette, Syracuse, N. Y.  
 Syska Bros., auto. wood bodies, 46 Bergen, Brooklyn, N. Y.  
 System Magazine, trade publication, 5 N. Wabash av, Chicago, Ill.  
 Syze, J. F., carriage rims, Yorktown Heights, N. Y.  
 Szel Import & Export Co., spark plugs, 393 B'way, New York.  
 Szukalski, Thos., bldg. contr., 1089 Am., Milwaukee, Wis.
- Taber & Baxter, architects, Gurney Bldg., Syracuse, N. Y.  
 Taber-Bigelow Co., mill & facty. supplies, 304 Mission, San Francisco, Cal.  
 Taber & Co., marble, 446 E. 106th, New York.  
 Taber Lumber Co., Keokuk, Ia.  
 Taber Pump Co., horse clipping machines, 291 Elm, Buffalo, N. Y.  
 Taber & Reid, cornices & skylights, Augusta, Me.  
 Tablet & Ticket Co., labels & building directories, 624-630 W. Adams, Chicago, Ill.  
 Tablot Co., contractors, Houston, Tex.  
 Tabor Sash Fixture Co., 63 Polk, Newark, N. J.  
 Tabor, T. O., & Sons, fertilizer, Elberton, Ga.  
 Tabulating Machine Co., tabulating machines mfrs., 50 Broad, New York.  
 Tackett, W. A., architect, Sherman, Tex.  
 Tacks Mfg. Co., paste, Utica, N. Y.  
 Tacoma Dredging Co., Tacoma, Wash.  
 Tacoma Fir Door Co., lumber mfrs., Tacoma, Wash.  
 Tacoma Grain Co., flour mills, Tacoma, Wash.  
 Tacoma Mill Co., lumber, tie, poles & posts, 310 Sansome, San Francisco, Cal.  
 Tacoma Millwork Supply Co., sash, door & blind mfrs., Tacoma, Wash.  
 Tacoma Pile Driving & Constr. Co., Tacoma, Wash.  
 Tacoma Ry. & Power Co., mchsts. & fndrs., Tacoma, Wash.  
 Tacoma & Roche Harbor Lime Co., Roche Harbor, Wash.  
 Tacoma Sheet Metal Works, cornices & skylights, Tacoma, Wash.  
 Tacoma Smelting Co., electrolytic copper refiners, Tacoma, Wash.  
 Tacoma Trading Co., masons' & bldrs.' matls., Seattle, Wash.  
 Tacony File & Hdwe. Co., 6744 Wissinoming, Philadelphia, Pa.  
 Taddey, Adolph G., bldg. contr., 744 46th, Milwaukee, Wis.  
 Taddey, F. W., bldg. contr., 1705 Chestnut, Milwaukee, Wis.  
 Tafel, A. G., architect, Coleman Bldg., Louisville, Ky.  
 Taft Fish Co., canned, Taft, Va.  
 Taft, J. S., Co., potteries, Keene, N. H.  
 Taft, John, lumber, West Dummerston, Vt.  
 Taft Machine Co., 229 Globe, Providence, R. I.  
 Taft Packing House, meat, Taft, Tex.  
 Taft-Pierce Mfg. Co., drilling jigs & thread milling machinery, Woonsocket, R. I.  
 Taft, S. H., lumber, 16 Hulbert Blk., Cincinnati, Ohio.  
 Taggart Bros. Co., paper & pulp mills, Watertown, N. Y.  
 Taggart, John A., architect, 21 E. Van Buren, Chicago, Ill.  
 Tagliabue, Chas., J., Mfg. Co., hydrometers, 396 B'way, New York.  
 Tagliabue, G. (Est. of), thermometers, hydrometers, 302 Pearl, New York.  
 Tagliabue Mfg. Co., gages, hydrometers, thermometers, etc., 18 33rd, Brooklyn, N. Y.  
 Tahara Co., burnishing machines, Glenwood & N. Amer., Philadelphia, Pa.  
 Tahlequah Mill & Elevator Co., flour, Tahlequah, Okla.  
 Tait, Geo. W., machst., Kearney, N. J.
- Tait, John Co., stone, 80 E. Jackson blvd, Chicago, Ill.  
 Tait, John H., Co., contractors, Battle Creek, Mich.  
 Tait Mfg. Co., mchsts. & fndrs., Kankakee, Ill.  
 Tait & Nordmeyer Eng. Co., International Life Bldg., St. Louis, Mo.  
 Tait & Sons Paper Co., Bridgeport, Conn.  
 Tait, Wm. O., architect, Rossmore av, Yonkers, N. Y.  
 Taite Ry. Signal Co., Coatesville, Pa.  
 Taku Canning & Cold Storage Co., Seattle, Wash.  
 Talbert-Whitmore Co., damask, Los Angeles, Cal.  
 Talbot Boiler Co., 120 Liberty, New York.  
 Talbot, Brooks & Ayer, mill & facty. supplies, wholesale hardware, 269 Middle, Portland, Me.  
 Talbot Bros. Co., lumber, Grosvenor Bldg., Providence, R. I.  
 Talbot, C. R. Co., iron forgings, Alfred & Sp. Grv. av, Cincinnati, O.  
 Talbot & Clark, pails & buckets, wood, Sandown, N. H.  
 Talbot Dyewood & Chemical Co., Lowell, Mass.  
 Talbot, F. M., Co., contractors, 1 Madison av, New York.  
 Talbot & Hubbard, wholesale hardware, Phoenix, Ariz.  
 Talbot Mfg. Co., fertilizer mfrs., St. Michaels, Md.  
 Talbot Mills, woolen carriage cloth, North Billerica, Mass.  
 Talbot Packing & Preserving Co., Easton, Md.  
 Talbott, E. A., masons' & bldrs.' matls., Ellicott City, Md.  
 Talbott, H. E., Co., contractors, City Natl. Bank Bldg., Dayton, Ohio.  
 Talbott, M. A., Co., contractors, Rome, N. Y.  
 Talbott, Thos., & Son, cornices, 240 W. Water, Syracuse, N. Y.  
 Talbott, Wm. R., architect, 1314 F, N. W., Washington, D. C.  
 Talcott, W. O., mill & facty. supplies, 91 Sabin, Providence, R. I.  
 Talge Mahogany Co., lumber mfrs., 1101 E. 13th, Indianapolis, Ind.  
 Tafiaferro & Co., lumber mfrs., Mutual Bldg., Richmond, Va.  
 Talking Horn Co., Middletown, N. Y.  
 Talking Mach. World, trade publication, 373 4th av, New York.  
 Talladega Fertilizer & Mfrs. Co., Talladega, Ala.  
 Talladega Fdry. & Mach. Co., Talladega, Ala.  
 Tallahassee Iron Works, Tallahassee, Fla.  
 Tallahassee Pressed Brick Co., Tallahassee, Fla.  
 Tallamy, B. F., & Bro., contractors, Plainfield, N. J.  
 Tallant & Graff, architects, 345 5th av, New York.  
 Tallant-Grant Packing Co., Astoria, Ore.  
 Tallapoosa Chemical Co., Alexander City, Ala.  
 Tallassee Falls Mfg. Co., cordage & twine, Tallassee, Ala.  
 Tallassee Oil & Fertilizer Co., Tallassee, Ala.  
 Talley & Co., cutting oils, New Richmond, Ohio.  
 Talley, J. M., machinist & founder, Dade City, Fla.  
 Talley & Summer Co., architects, St. James Bldg., Jacksonville, Fla.  
 Talley's, Thos. J., Sons, lumber, Land Title Bldg., Phila., Pa.  
 Tallieu, L. P., corn brooms, Samstown, La.  
 Tallmadge Hardware Co., 147 N. High, Columbus, Ohio.  
 Tallmadge & Watson, architects, 189 W. Madison, Chicago, Ill.  
 Tallmage, M. F., heating contractor, 80 Seneca, Buffalo, N. Y.  
 Tallman & Betts, architects, 17 Dill, Auburn, N. Y.  
 Tallman, S. C., cornices, Rutherford, N. J.  
 Tally-Ho Knitting Co., cardigans, sweaters, East Douglas, Mass.  
 Tally-Meter Co., Norwich, Conn.  
 Tally, W. B., architect, Cohen Bldg., Jacksonville, Fla.  
 Talmage Mfg. Co., feeders, oils, valves, Cleveland, Ohio.  
 Talmage, Thos., machinist & founder, 1123 Appletree, Phila., Pa.  
 Tama Brick & Tile Co., Tama, Ia.  
 Tamaqua Mfg. Co., machinists & founders, Tamaqua, Pa.  
 Tamm Bros. Glue Co., 600 S. Vandeventer av, St. Louis, Mo.  
 Tamm & Nolan Co., varnish, 151 Potrero av, San Francisco, Cal.  
 Tamms Silica Co., Stock Exchange Bldg., Chicago, Ill.  
 Tampa Brush Co., Tampa, Fla.  
 Tampa Fertilizer Co., Tampa, Fla.  
 Tampa Fdry. & Mach. Co., Tampa, Fla.  
 Tampa Hardware Co., Tampa, Fla.  
 Tampa Shipbuilding Co., Tampa, Fla.  
 Tampa Steam Ways Co., Tampa, Fla.  
 Tampary, C. P., contractor, 614 S. Halsted, Chicago, Ill.  
 Tams, Edwin B., architect, 2243 N. 22d, Philadelphia, Pa.  
 Tams, Lemoine & Crane, naval architects, 52 Pine, New York.  
 Tandreault, Jos., brick, Eliot, Me.  
 Tandy, V. W., architect, 1931 B'way, New York.  
 Tanger, J. C., wholesale hardware, Hanover, Pa.  
 Tanis, E., & Son, contractors, Kalamazoo, Mich.  
 Tanis, Nicholas, contractor, Paterson, N. J.  
 Tanite Co., machinists, Stroudsburg, Pa.  
 Tanitor, H. T., Mfg. Co., chalk mfrs., 2 Rector, New York.  
 Tanner, A. E., Hardware Co., Fort Plain, N. Y.  
 Tanner, B. F., contractor, Newport, R. I.  
 Tanner Bros., machinists & founders, Jefferson City, Mo.  
 Tanner Bros. Co., canned goods, Oakfield, N. Y.  
 Tanner, Charles, & Co., cornices & skylights, Staunton, Va.  
 Tanner, Chas. S., Co., tapioca flour, 250 S. Water, Providence, R. I.  
 Tanner & Co., whol. hdwe., 216 S. Meridian, Indianapolis, Ind.  
 Tanner, Conrad, & Sons, carriages, St. Joseph, Mo.  
 Tanner, D. F., steel anti rattlers, harrows, springs, wagons, etc., Holland, N. Y.  
 Tanner & Gillis, turpentine, McDonald, Ga.  
 Tanner-Hower Mfg. Co., punching dies, Akron, Ohio.  
 Tanner Mill Co., flour, Tanner, W. Va.  
 Tanner, W. S., Paint Co., 1303 E. Main, Richmond, Va.



- Tanner & Wilcox, fertilizer mfrs., Winsted, Conn.  
 Tanner, Wm. F. & Co., electrical mfrs., Baltimore, Md.  
 Tanners Extract Co., bark, Charleston, W. Va.  
 Tannowitz Wks., machinists, Grand Rapids, Mich.  
 Tanney Brick Co., Haverstraw, N. Y.  
 Tantau, Clarence A., architect, 519 California, San Francisco, Cal.  
 Tapager, Christian M., contractor, Albert Lea, Minn.  
 Taplan-Rice-Clerkin Co., stoves, Akron, Ohio.  
 Tapley, I. W., packing box, Haverhill, Mass.  
 Taplin Mfg. Co., hdwe. mfrs., New Britain, Conn.  
 Tappan, Frank E., architect, West Orange, N. J.  
 Tappan Hardware Co., Helena, Ark.  
 Tappan, W. H., masons' & bldrs.' matls., Baldwinsville, N. Y.  
 Tappenbeck, W., oils, varnish, etc., 106 Wall, New York.  
 Tar Heel Mica Co., Plumbtree, N. C.  
 Tar River Oil Co., Tarboro, N. C.  
 Tarbell, E. H., Elec. fix., 15 Washington, Boston, Mass.  
 Tarbet, Samuel B., architect, Republic Bldg., Kansas City, Mo.  
 Tarbett, W. A. & Co., machsts. & fndrs., 287 Atlantic av, Boston, Mass.  
 Tarbox, A. & E., common brick, Yorkville, Ill.  
 Tarbox Broom Corn Co., Arcola, Ill.  
 Tarbox Lumber Co., Cedarville, Ohio.  
 Tarbox & McCall, stone producers, Findlay, Ohio.  
 Tarbox Mfg. Co., metal polish, New London, Conn.  
 Tarbox, O. S., granite, Red Beach, Me.  
 Tardie, E. J., batteries, flashlights, 240 6th av, New York.  
 Tardif, F. Z., contractor, Nashua, N. H.  
 Tarentum Glass Co., Tarentum, Pa.  
 Tarentum Paper Mills, 2d Natl. Bk. Bldg., Pittsburgh, Pa.  
 Tariffville Oxygen & Chem. Co., Tariffville, Conn.  
 Tarr, Geo. C., tackle blocks, Gloucester, Mass.  
 Tarr, Geo. J., Co., fish oils, Gloucester, Mass.  
 Tarr, Jas. H., Co., paint mfrs., Gloucester, Mass.  
 Tarr & Wonsen, paints, Gloucester, Mass.  
 Tarrant Fdry. Co., gray iron castings, 373 W. Grand av, Chicago, Ill.  
 Tarrant Mfg. Co., oil unloaders & asphalt htrs., Saratoga Springs, N. Y.  
 Tarrant, Robt., machinist & fndr., 323 W. Illinois, Chicago, Ill.  
 Tartar Chemical Co., 135 William, New York.  
 Tashenberg Bros., boilers, 43 Illinois, Buffalo, N. Y.  
 Tasker, Geo. F., boot & shoe counter, Haverhill, Mass.  
 Tassey, Lewis, machinist, Alexandria, N. Y.  
 Tassini & Tassini, marble, 810 E. 5th, New York.  
 Tate, C. L. & Co., canned goods, Arnold, Md.  
 Tate, E. H., Mop & Cordage Co., 15 Chardon, Boston, Mass.  
 Tate & Fearing, lumber mfrs., Camden, Ark.  
 Tate, Geo. D. & Son, masons' & bldrs.' matls., Kokomo, Ind.  
 Tate, J. H. & Co., flour mills, Monticello, Ky.  
 Tate-Jones & Co. Inc., burners & furnaces, Empire Bldg., Pittsburgh, Pa. *See adv index at end of book.*  
 Tate Mfg. Co., cloths, mops, rope, etc., 48 Hanover, Boston, Mass.  
 Tate, R. L., brooms—corn, Paducah, Ky.  
 Tate, W. C. & Son, flour, Centralia, Okla.  
 Tate, Wm. J. (Est. of), ice cream freezers, 3520 Mercer, Philadelphia, Pa.  
 Tatem, J. B. & Son, wood handles, Putnam, Conn.  
 Tatem, J. M., Handle Co., Eastford, Conn.  
 Tatham & Bros., solder, 261 Water, New York.  
 Tatlock Bros., soap, Rochester, N. Y.  
 Tatton, H., architect, 45 E. 57th, New York.  
 Tatum & Conrad, turpentine, Barberville, Fla.  
 Tatum Lumber Co., Hattiesburg, Miss.  
 Tatum, P. O., flour, South River, N. C.  
 Tatum, Sam'l C. Co., stationers' sundries, copying presses, etc., Colerain av & Monmouth, Cincinnati, Ohio.  
 Tatum, W. M., Hardware Co., Corsicana, Tex.  
 Taub, H. L., cornices, Saginaw, Mich.  
 Taubman, Charles, machst. & fndr., Lexington, Mo.  
 Taunton Crucible Works, Taunton, Mass.  
 Taunton Lumber Co., sash, door & blind, Brockton, Mass.  
 Taunton Nail Co., bill posters' tacks, Taunton, Mass.  
 Taunton-New Bedford Copper Co., machsts. & fndrs., Taunton, Mass.  
 Taunton Oil Cloth Co., Taunton, Mass.  
 Taunton Rivet Works, Taunton, Mass.  
 Taunton Spindle Co., tex. machy. supplies, etc., Taunton, Mass.  
 Tausch, Wm. F., contractor, Williamson Bldg., Cleveland, Ohio.  
 Tausche, V., Hardware Co., cornices & skylights, La Crosse, Wis.  
 Taussig, Hugo, architect, 1476 B'way, New York.  
 Taveniere & Johnson, contractors, Closter, N. J.  
 Tavern Rock Sand Co., 612 N. 2d St. Louis, Mo.  
 Taws, Henry M., architect's supplies, 920 Arch. Phila., Pa.  
 Tay, Geo. H., Co., plumbers' supplies, jobbers, 599 Mission, San Francisco, Cal.  
 Tay Pike Co., oil & gas well supplies, Coalinga, Cal.  
 Teyeau, H. S. & Co., fertilizer mfrs., 5 S. Gay, Baltimore, Md.  
 Taylor & Spotswood Co., whol. hdwe., 19th & Minnesota, San Francisco, Cal.  
 Taylor, W. P., lumber, Winton, N. C.  
 Taylor, A. D., landscape architect, 1900 Euclid av, Cleveland, Ohio.  
 Taylor, A. G., contractor, 260 Edith, Salt Lake City, Utah.  
 Taylor, A. J. & Son, Oak Hall, Va.  
 Taylor, Abner, mill & facty. supplies, Bangor, Me.  
 Taylor, Alfred H., 138 W. 65th, New York.  
 Taylor-Atkins Paper Co., Burnside, Conn.  
 Taylor, B. U., Co., masons' & bldrs.' matls., Oleon, N. Y.  
 Taylor Bedding Mfg. Co., Taylor, Tex.  
 Taylor Belting Co., 247 S. Meridian, Indianapolis, Ind.  
 Taylor, Bernard J., architect, 367 Prior av, St. Paul, Minn.  
 Taylor & Boggis Foundry Co., junction boxes, 1913 W. 3d, Cleveland, Ohio.  
 Taylor & Bonta, architects, Gurney Bldg., Syracuse, N. Y.  
 Taylor Bros., masons' & bldrs.' matls., Camden, N. J.  
 Taylor Bros., canned goods, La Grange, Ky.  
 Taylor Bros. Brick Co., Redlands, Cal.  
 Taylor Bros. Co., draughting inks, rubber stamps, 706 Superior av, N. W., Cleveland, Ohio.  
 Taylor Burner & Electroplating Co., Ltd., water heaters, 804 Duquesneway, Pittsburgh, Pa.  
 Taylor, Button Fuel Co., masons' & bldrs.' matls., 1st Nat. Bk. Bldg., Milwaukee, Wis.  
 Taylor, C. A., Trunk Works, 657 W. Madison, Chicago, Ill.  
 Taylor, C. F., masons' & bldrs.' matls., Warren, Ill.  
 Taylor, C. P., patterns & models, Rockford, Ill.  
 Taylor-Cannady Buggy Co., Oxford, N. C.  
 Taylor Card & Box Co., 196 W. Exchange, Providence, R. I.  
 Taylor Chair Co., Bedford, Ohio.  
 Taylor, Chas., masons' & bldrs.' matls., Funk, Ohio.  
 Taylor, Chas. C., architect, Mitchell Bldg., Cincinnati, Ohio.  
 Taylor, Chas. E., masons' & bldrs.' matls., 1429 Cutter, Cincinnati, Ohio.  
 Taylor, Chas. N., contractor, Wellesley, Mass.  
 Taylor, Chas. P., mill & facty. supplies, 57 Weybosset, Providence, R. I.  
 Taylor, Chas., Sons Co., brick, 710 Burns, Cincinnati, Ohio.  
 Taylor, Chas. W., architect, New Castle, Ind.  
 Taylor Chemical Co., lime sulphur solution, Penn Yan, N. Y.  
 Taylor Coal & Coke Co., 819 Hickox Bldg., Cleveland, Ohio.  
 Taylor & Co., iron, steel, etc., castings, 680 Borgan av, Brooklyn, N. Y.  
 Taylor & Crate, lumber, Prudential Bldg., Buffalo, N. Y.  
 Taylor, Davis J., contractor, Newark, Ohio.  
 Taylor, Davis & Co., turpentine, Farmdale, Fla.  
 Taylor & Dean, iron settees & chairs, Penn av & 25th, Pittsburgh, Pa.  
 Taylor Dredging Co., ft. Communipaw av, Jersey City, N. J.  
 Taylor, E. C., architect, Haas Bldg., Los Angeles, Cal.  
 Taylor, E. H., Jr. & Sons, distillers, Frankfort, Ky.  
 Taylor, E. L. & Co., whol. hdwe., 1415 E. Main, Richmond, Va.  
 Taylor, E. R., Co., contractors, 786 E. Broadway, Boston, Mass.  
 Taylor, Edwin, Lumber Co., Hartford, Conn.  
 Taylor, Edw. R., Co., carbon-bi-sulphide, Penn Yan, N. Y.  
 Taylor Electric Truck Co., Troy, N. Y.  
 Taylor & Ellis, burlap, 485 B'way, New York.  
 Taylor, F. K., contractor, Schenectady, N. Y.  
 Taylor, F. R. & Co., cornices & skylights, Sterling, Ill.  
 Taylor & Fenn Co., machsts. & fndrs., Hartford, Conn.  
 Taylor Foundry & Engineering Co., Grass Valley, Cal.  
 Taylor, Frank W. & Son, steam htg. contrs., 259 S. 4th, Phila., Pa.  
 Taylor Fruit & Canning Co., Lockport, N. Y.  
 Taylor, G. Wood, architect, 425 Main, Springfield, Mass.  
 Taylor, Geo., Brass & Bronze Works, 97 Cliff, New York.  
 Taylor, Geo. T., Marine Ry. Corp., dry docks, Norfolk, Va.  
 Taylor, Gilbert D., metal polish, 3828 S. State, Chicago, Ill.  
 Taylor & Goerlicke, contractors, Postal Tel. Bldg., San Francisco, Cal.  
 Taylor-Goodwin Co., masons' & bldrs.' matls., Haverhill, Mass.  
 Taylor, H. D., Co., whol. hdwe., 103 Oak, Buffalo, N. Y.  
 Taylor, H. P., architect, Union City, Tenn.  
 Taylor, Harvey B., architect, Cornwall, N. Y.  
 Taylor, Harvey R. Building Corp., Cornwall, N. Y.  
 Taylor, Henry W., masons' & bldrs.' matls., Berkeley, Cal.  
 Taylor-Hobson Co., lenses, time recorders, 1133 Broadway, New York.  
 Taylor-Hornsby Construction Co., contrs., 115 S. Salina, Syracuse, N. Y.  
 Taylor, I. R. & Co., contractors, Asbury Park, N. J.  
 Taylor Instrument Co.'s, thermometers, etc., Rochester, N. Y.  
*See adv index at end of book.*  
 Taylor Iron Works, 203 Centre, New York.  
 Taylor, Isaac S., architects, Mercantile Bldg., St. Louis, Mo.  
 Taylor, J. E. & Co., canned goods, Santa Ana, Cal.  
 Taylor, J. I., contractor, Chester, Pa.  
 Taylor, J. M., machinists & founders, Andalusia, Ala.  
 Taylor, J. W., canned goods, Hallwood, Va.  
 Taylor, J. W., arch'l photographers, 440 S. Dearborn, Chicago, Ill.  
 Taylor, Jas. A., cornices & skylights, Highstown, N. J.  
 Taylor, Jas. L., Mfg. Co., brackets, clamps, masons' & bldrs.' matls., etc., Poughkeepsie, N. Y., & Bloomfield, N. J.  
 Taylor, Jas. P., contractor, Macleay Bldg., Portland, Ore.  
 Taylor, John A., contractor, Dunkirk, N. Y.  
 Taylor, John E., machsts. & fndrs., Nashville, Mich.  
 Taylor, Jno. R. & Co., mill & facty. supplies, Little Falls, N. Y.  
 Taylor & Kemp, flour mills, Prosser, Wash.  
 Taylor, L. E. & Co., loaders, 312 Flour Exchange, Minneapolis, Minn.



- Taylor & Levi, architects, 105 W. 40th, New York.  
 Taylor, Lincoln, mill & facty. supplies, Stamford, Conn.  
 Taylor-Logan Co., paper & pulp mills, Holyoke, Mass.  
 Taylor, Lowenstein & Co., turpentine, Mobile, Ala.  
 Taylor Lumber Co., glass, Lafayette, Ind.  
 Taylor Machy. Co., 8 Oliver, Boston, Mass.  
 Taylor Mfg. Co., machsts., Hartford, Conn.  
 Taylor Mfg. Co., port. fireproof garages, 219 Glenridge av, Montclair, N. J.  
 Taylor Mfg. Co., pumps, Detroit, Mich.  
 Taylor Mfg. Co., store & bar fixtures, Princeton, Ind.  
 Taylor, Martin, & Co., lumber mfrs., Mobile, Ala.  
 Taylor Mattress Co., Salisbury, N. C.  
 Taylor Milling Co., flour, Taylor, Tex.  
 Taylor & Mosley, architects, 40 Wall, New York.  
 Taylor & Moss, ties, poles & posts, Danville, Ky.  
 Taylor, N. & G., Co., iron rolling mills, etc., 300 Chestnut, Philadelphia, Pa.  
 Taylor Oil Mill, meal, Taylor, Tex.  
 Taylor Paper Co., 310 Davis, San Francisco, Cal.  
 Taylor-Parker Co., mill & facty. supplies, Norfolk, Va.  
 Taylor & Pearson, contractors, 196 Virginia av, Jersey City, N. J.  
 Taylor & Percival, mill & facty. supplies, Waltham, Mass.  
 Taylor, Platt & Co., post card albums, 35 E. 10th, New York.  
 Taylor Portable Steel Derrick Co., 215 W. Grand av, Chicago, Ill.  
 Taylor & Powell Fertilizer Co., Springfield, Tenn.  
 Taylor Provision Co., meat packers, Trenton, N. J.  
 Taylor, R. E. Lee, architect, Union Trust Bldg., Baltimore, Md.  
 Taylor, R. M., architect, 112 W. 9th, Los Angeles, Cal.  
 Taylor, Robert J., crucible mfr., 1900-16 Callowhill, Phila., Pa.  
 Taylor, Robt., & Son, fndrs., Paterson, N. J.  
 Taylor & Robinson, contractors, Huntington, W. Va.  
 Taylor, Ronald, Co., flooring, paving blocks, 520 E. 20th, New York.  
 Taylor, S. G., Chain Co., 640 Marquette Bldg., Chicago, Ill.  
 Taylor-Shantz Co., dies—stamping, punching & embossing, etc., Rochester, N. Y.  
 Taylor, Smith & Taylor Co., crockery, East Liverpool, Ohio.  
 Taylor Steam Spec. Co., traps, Battle Creek, Mich.  
 Taylor, Stiles & Co., machsts. & fndrs., Riegelsville, N. J.  
 Taylor Supply Co., whol. hdwe., 937 Fell, Baltimore, Md.  
 Taylor Supply Co., mill, facty. & steamfitters' supplies, 164 Larned, Detroit, Mich.  
 Taylor, T. S., masons' & bldrs.' matls., Guilford, Ind.  
 Taylor, Thos. B., flour mills, Jackson, Mich.  
 Taylor, Thos., & Sons, shoe goring, elastic webbing, Hudson, Mass.  
 Taylor Univ., engng. school & coll., Waco, Tex.  
 Taylor, V. E., contractor, Huntington, W. Va.  
 Taylor, W. B., brick, Jackson, Miss.  
 Taylor, W. B., & Co., fndrs., Palmer, Mass.  
 Taylor, W. G., & Son, contractor, Atlantic, N. J.  
 Taylor, W. Hart, architect, 50 Bromfield, Boston, Mass., & Chelsea, Mass.  
 Taylor, W. O., masons' & bldrs.' matls., Lynchburg, Va.  
 Taylor, W. P., sash, door & blind mfr., Manasquan, N. J.  
 Taylor, W. P., Co., machsts. & fndrs., 218 Ellicott sq, Buffalo, N. Y.  
 Taylor, W. W., carriages, Lockport, N. Y.  
 Taylor, Walter B., fndr., Worcester, Mass.  
 Taylor, Walter L., architect, Landsdowne, Pa.  
 Taylor-Wharton Iron & Steel Co., High Bridge, N. J.  
 Taylor, Wickham C., architect, Citizens' Bk. Bldg., Norfolk, Va.  
 Taylor, Wm., lamp guards, switches, 203 Broadway, New York.  
 Taylor, Wm. H., & Co., mill & facty. supplies, Allentown, Pa.  
 Taylor, Wm. J., Co., contractors, 5 E. 42d, New York.  
 Taylor, Wm. M., Mantel & Grate Co., bank fixtures, 26 S. 3rd, Columbus, Ohio.  
 Taylor & Williams, distillers, Gethsemane, Ky.  
 Taylor-Wilson Mfg. Co., machsts & fndrs., McKees Rocks, Pa.  
 Taylorsville Mfg. Co., canned goods, Taylorsville, Ky.  
 Taylorsville Milling Co., flour, Taylorsville, N. C.  
 Tayntor, C. E., Granite Co., 29 W. 34th, New York.  
 T. & B. Brass Fdry. Co., Tacoma, Wash.  
 T. C. M. Mfg. Co., milling machines, Harrison, N. J.  
 Tea & Coffee Trade Journal, 79 Wall, New York  
 Teach, F. C., contractor, Crown Point, Ind.  
 Teach, Wm., cornices, Appleton, Wis.  
 Teachout, A., Co., sashes, doors & blinds, 331 Prospect av, Cleveland, Ohio.  
 Teachout, H. E., Boiler Works, E. 37th & Erie R. R., Cleveland, Ohio.  
 Teachout Sash, Door & Glass Co., 100 W. Spring, Columbus, O.  
 Teague Hardware Co., Montgomery, Ala.  
 Teague, J. C., architect, Owsley Bk., Butte, Mont.  
 Teahen, Jas. M., water closet tanks, etc., Detroit, Mich.  
 Teal, Chas. A., barrel, etc., elevators, mortar mixers, 1361 Ridge av, Philadelphia, Pa.  
 Teale, Oscar S., architect, 35 B'way, New York.  
 Teasley & Son, fertilizer, Bowman, Ga.  
 Tebbets, E. L., Spool Co., Locke Mills, Me.  
 Tebo Yacht Basin Co., machsts & fndrs., Ft. 23rd, Brooklyn, N. Y.  
 Tebow, Newton, architect, 519 Main, Cincinnati, O.  
 Technical Academy, engng. schools & coll., Greenville, S. C.  
 Technical Supply Co., stationers' spec., Scranton, Pa.  
 Tecnical World Magazine, 58th & Drexel, Chicago, Ill.  
 Technology Sales Co., sash locks, 29 B'way, New York  
 Tecktonious, E. C., Mfg. Co., machsts., Racine, Wis.  
 Tecla Elec'l Laboratory, flashers, 195 Cass av, Detroit, Mich.  
 Tecumseh Gravel Co., sand & gravel dlrs., Tecumseh, Mich.  
 Tecumseh Oil & Cotton Co., meal, Sherman, Tex.  
 Tedeschi & Tedeschi, granite producers, etc., 632 Boulevard, Astoria, New York.  
 Teegarden & Greenlee, contractors, St. Joseph, Me.  
 Teegardin, J. W., & Co., brick & tile, Duvall.  
 Teel, Eldridge & Co., carriages, Medford, Mass.  
 Teele Soap Co., Cambridge, Mass.  
 Teeling, Walter W., architect, Rensselaer, N. Y.  
 Teeple, Jno E., chemists, 50 E. 41st, New York.  
 Teeple, W. S., machsts & fndrs., Wellsburg, W. Va.  
 Teesdale, Laurence V., architect, 500 W. 69th, Chicago, Ill.  
 Teeter-Hartley Motor Co., Hagerstown, Ind.  
 Tegen, R. F., architect, Morgan Bldg., Portland, Ore.  
 Tegetmeier & Riepe Co., auto. wood bodies, 771 1st av, New York.  
 Tegge Lbr. Co., 700 Pk., Milwaukee, Wis.  
 Tegtmeier Box & Lumber Co., 1828 S. Canal, Chicago, Ill.  
 Tegufilm Chemical Mfg. Co., boiler preservative, 112 Pearl, Syracuse, N. Y.  
 Teich, Fred C., architect, Union Nat'l Bk. Bldg., Houston, Tex.  
 Teichart & Ambrose, contractors, Sacramento, Cal.  
 Teichman, Robt., architect, 22 William, New York.  
 Telegraph & Telephone Age, trade publication, 253 B'way, New York.  
 Teleelectric Co., pianos, 280 Madison av, New York.  
 Telephone Publishing Co., 53 W. Jackson blvd, Chicago, Ill.  
 Telephone Roller Mill Co., Telephone, N. C.  
 Telescope Cot Bed Co., 535 E. 79th, New York.  
 Telescope Mine Mach. Co., Pittston, Pa.  
 Telgler Bros., brick, Dayton, Ohio.  
 Tell City Canning Co., Tell City, Ind.  
 Tell City Desk Co., Tell City, Ind.  
 Tell City Foundry & Machine Works, Tell City, Ind.  
 Tell City Planing Mill, sash, door & blind, Tell City, Ind.  
 Tell City Spoke Co., Tell City, Ind.  
 Teller, E. J., & Son, machinists, Henderson, Tex.  
 Teller, Myron, architect, Kingston, N. Y.  
 Teller, R. K., coal chutes, fruit presses, etc., Unadilla, N. Y.  
 Tellers-Sommerhof Organ Co., Erie, Pa.  
 Telschow, Fred, contractor, Michigan City, Ind.  
 Temblett, Wm. H., architect, 861 Lakeview rd, Cleveland, O.  
 Temco Electric Motor Co., Leipsic, O.  
 Temin, Wm., & Son, canned goods, Hartley, Del.  
 Tempest Brick Co. (Ltd.), McKeesport, Pa.  
 Tempest & Terment, machsts., Monongahela, Pa.  
 Temple, Adams & Sons, flour mills, Maxonmill, Ky.  
 Temple Art Glass Co., 120 W. Illinois, Chicago, Ill.  
 Temple Bros., whol. marble & granite, Rutland, Vt.  
 Temple & Burrows, architects, Davenport Savings Bk. Bldg., Davenport, Ia.  
 Temple Cotton Oil Co., Temple, Ga.  
 Temple, Harry R., architect, Champaign, Ill.  
 Temple Malleable Iron & Steel Co., Harrison Bldg., Phila., Pa.  
 Temple Mfg. Co., chain pumps, N. 22d & S. 54th, Chicago, Ill.  
 Temple Slag Co., Land Title Bldg., Philadelphia, Pa.  
 Temple, Thos. P., cornices, Waterbury, Conn.  
 Temple Univ., engng. schools & coll., Philadelphia, Pa.  
 Templeman's Milling & Canning Co., Templeman Cross Roads, Va.  
 Templeton, Charles A., Inc., builders' & general hardware, iron & steel, mill, factory & automobile supplies & agricultural implements, wholesale, 13 to 17 E. Main, Waterbury, Conn.  
 Templeton, Kenly & Co., Ltd., jacks, 1020 So. Central av, Chicago, Ill.  
 Templeton Lime Co., 1019 N. Homan, Chicago, Ill.  
 Templeton Limestone Co., Templeton, Pa.  
 Templeton Mfg. Co., steam traps, Boston, Mass.  
 Templeton, Williams & Co., flour, Mooresville, N. C.  
 Temps, Martin G., architect, 226 S. La Salle, Chicago, Ill.  
 Ten Broeck & Huber, elec. light baths, X-ray app., etc., 214 E. 23rd, New York.  
 Ten Broeck Tyre Co., 26th & Courtney, Louisville, Ky.  
 Ten Mile Lumber Co., Ten Mile, Miss.  
 Tenacity Mfg. Co., loose leaf devices, Reading, Ohio.  
 Tenant, A. W., flour mills, Morgantown, W. Va.  
 Tenbusch, Garhard A., architect, 1854 E. 79th, Cleveland, Ohio.  
 Tengwall Co., loose leaf devices, 2954 Sheffield av, Chicago, Ill.  
 Tenion Stone Co., Tenino, Wash.  
 Tenison Bros. Saddlery Co., Dallas, Tex.  
 Tenk Hardware Co., Quincy, Ill.  
 Tennant, C., Sons & Co. of New York, acids, oils, pig iron, etc., 100 William, New York.  
 Tennant, H. C., Supply Co., mill & factory supplies, Augusta, Ga.  
 Tennant & Hoyt Co., feed, flour, Lake City, Minn.  
 Tennant, Sherman (Est. of), clothes pins, Northville, N. Y.  
 Tennes & Greenwell, contractors, Owensboro, Ky.  
 Tenn. Brick & Tile Co., Dyersburg, Tenn.  
 Tenn. Burner Mfg. Co., gas burner tips, Chattanooga, Tenn.  
 Tenn. Cement & Lime Co., Nashville, Tenn.  
 Tenn. Chemical Co., fertilizer, Nashville, Tenn.  
 Tenn. Coal, Iron & R. R. Co., Birmingham, Ala.



- Tenn. Coffin & Casket Co., Chattanooga, Tenn.  
 Tenn. Copper Co., 2 Rector, New York.  
 Tenn. Cotton Oil Co., Memphis, Tenn.  
 Tenn. Distilling Co., Evansville, Ind.  
 Tenn. Fertilizer Co., mfrs. phosphate & sulphuric acid, Albany, Ga., & Nashville, Tenn.  
 Tenn. Fibre Co., Memphis, Tenn.  
 Tenn. Hoop Co., Memphis, Tenn.  
 Tenn. Lime & Sand Co., Knoxville, Tenn.  
 Tenn. Line & Twine Co., Elizabethtown, Tenn.  
 Tenn. Lumber Mfg. Co., Pottsville, Pa.  
 Tenn. Metal Culvert Co., Nashville, Tenn.  
 Tenn. Mill & Mine Supply Co., Knoxville, Tenn.  
 Tenn. Oak Flooring Co., Nashville, Tenn.  
 Tenn. Producers' Marble Co., Knoxville, Tenn.  
 Tenn. Stove Works, Chattanooga, Tenn.  
 Tenn. Wire & Iron Works, Memphis, Tenn.  
 Tenney, A. E., Mfg. Co., machsts., Pawtucket, R. I.  
 Tenney & Co., garden cultivators, Decatur, Ill.  
 Tennis, A. H., shoe sewing machs., 47 E. 19th, New York.  
 Tennis Co., contractors, Vandergrift Bldg., Pittsburgh, Pa.  
 Tennis, Edgar M., masons' & bldrs.' matls., Phoebus, Va.  
 Tennis, F. L., contractor, Hampton, Va.  
 Tension Bros., conductor pipe, shingles, Houston, Tex.  
 Tension, G. E., patternmakers' fillet, 134 W. 3rd, Cincinnati, O.  
 Tenold Bros., mill & facty. supplies, Northwood, Ia.  
 Tension Envelope Co., 87 34th, New York.  
 Tepper & Diamond, architects & contractors, 504 E. N. W., Washington, D. C.  
 Terabentine Co., turpentine substitute, Commercial Trust Bldg., Philadelphia, Pa.  
 Teredo-Proof Paint Co., Produce Exchange, New York.  
 Terhaar & Mundle, glass stainers, 433 William, Buffalo, N. Y.  
 Terhune, Edgar A., architect, cor. Hudson av & Linden pl, Red Bank, N. J.  
 Terhune, J. I., Machine Works, Paterson, N. J.  
 Terhune Lumber Co., Oliver Bldg., Pittsburgh, Pa.  
 Terhune's, B., Sons, lumber mfrs., Bradfordsville, Ky.  
 Terkelsen & Wennberg, models & experimental work, 326 A, Boston, Mass.  
 Termant & Monahan Co., elec. lighting systems, Oshkosh, Wis.  
 Ternan & White, lumber, 20th & Erie, Philadelphia, Pa.  
 Terre Haute Boiler Workers, Co., Terre Haute, Ind.  
 Terre Haute Bronze & Brass Foundry, Terre Haute, Ind.  
 Terre Haute Casket Co., Terre Haute, Ind.  
 Terre Haute Furnace & Sheet Metal Co., cornices, Terre Haute, Ind.  
 Terre Haute Gas Fixture Co., Terre Haute, Ind.  
 Terre Haute Handle Co., Terre Haute, Ind.  
 Terre Haute Heavy Hardware Co., Terre Haute, Ind.  
 Terre Haute Machine Works, Terre Haute, Ind.  
 Terre Haute Malleable & Mfg. Co., castings, Terre Haute, Ind.  
 Terre Haute Paper Co., Dayton, Ohio.  
 Terre Haute Pressed Brick Co., Terre Haute, Ind.  
 Terre Haute Rag & Metal Co., scrap iron & steel, Terre Haute, Ind.  
 Terre Haute Spring & Mattress Co., Terre Haute, Ind.  
 Terre Haute Stone Works Co., Terre Haute, Ind.  
 Terre Haute Vitriified Brick Co., Terre Haute, Ind.  
 Terrell, A. Sid., distiller, Paducah, Ky.  
 Terrell Milling Co., feed & flour, Terrell, N. C., & Terrell, Tex.  
 Terrell, W. C., brick, Greenville, Ala.  
 Terrell's Equipment Co., Hall & Hilton, Grand Rapids, Mich.  
 Terrien, A., & Co., contractors, Richmond, Vt.  
 Terrill Bros., carriages, Rahway, N. J.  
 Terry, Andrew, Co., machsts. & fndrs., Terryville, Conn.  
 Terry Bros. Co., brick, Kingston, N. Y.  
 Terry, C. W., architect, Michigan Bldg., Wichita, Kans.  
 Terry, Edw. F., Mfg. Co., derricks, Grand Central Terminal, New York.  
 Terry, R. T., brick & tile, Leipsic, Ohio.  
 Terry Steam Turbine Co., Hartford, Conn.  
 Terry & Tench Co., steel contractors, 70 E. 45th, New York.  
 Terry, W. E., Lumber Co., Galesburg, Ill.  
 Terry & Williamson, machsts., 43 Sedwick, Brooklyn, N. Y.  
 Terryberry, Austin, Palladio Bldg., Duluth, Minn.  
 Terwedo Mfg. Co., cornices, Oshkosh, Wis.  
 Terwilliger, D. W., architect, 1 W. 34th, New York.  
 Terwilliger Floor Mfg. Co., 47 W. 34th, New York.  
 Terwilliger, A. H., & Son, masons' & bldrs.' matls., Waterloo, N. Y.  
 Terwilliger's, I., Son, masons' & bldrs.' matls., Ossining, N. Y.  
 Tesch, Wm., mill & facty. supplies, whol. hdwe., Appleton, Wis.  
 Tessmer Mach. & Tool Co., cutters, 285 Rivard, Detroit, Mich.  
 Tetley-Klein Lumber Co., Farmington, Mo.  
 Tetzlaff, Wm., flaxseed, 652 31st, Milwaukee, Wis.  
 Tetzlaff, H., masons' & bldrs.' matls., Watertown, Wis.  
 Teufel-Kloess Co., contractors, Belleville, Ill.  
 Teuffer, Chas., cornices, 4816 W. Erie, Chicago, Ill.  
 Teusser & Son Machinery Supply Co., 527 N. 2d, St. Louis, Mo.  
 Texss, J., contractor, Norfolk, Va.  
 Tewes, Frank X., architect, Endicott Bldg., St. Paul, Minn.  
 Texarkana Brick Co., Texarkana, Ark., & Texarkana, Tex.  
 Texarkana Casket Co., Texarkana, Tex.  
 Tex. Anchor Fence Co., machsts. & fndrs., Ft. Worth, Tex.  
 Tex. Arm & Pin Co., Beaumont, Tex.  
 Tex. Bag & Fibre Co., Houston, Tex.  
 Tex. Bithulithic Co., Dallas, Tex.  
 Tex. Builders' Supply Co., Beaumont, Tex.  
 Tex. Cake & Linter Co., Dallas, Tex.  
 Tex. Cement Plaster Co., Hamlin, Tex.  
 Tex. Co., machsts., Bayonne, N. J.  
 Tex. Co., oils, greases & cements, Houston, Tex.  
 Tex. Cons. Co., architects, Swearingen-McCraw Bldg., San Antonio, Tex.  
 Tex. Cotton Mill Co., denims, awning stripes, McKinney, Tex.  
 Tex. Disc Plow Co., Dallas, Tex.  
 Tex. Fig Co., canned goods, Houston, Tex.  
 Tex. Glass & Paint Co., Dallas, Tex.  
 Tex. Grading Co., Houston, Tex.  
 Tex. Implement & Machine Co., Dallas, Tex.  
 Tex. Kalamazoo Silo Co., Ft. Worth, Tex.  
 Tex. Lignite & Oil Co., Dallas, Tex.  
 Tex. & La. Lbr. Co., Houston, Tex.  
 Tex. Machinery & Supply Co., Dallas, Tex.  
 Tex. Mfg. Co., mill & facty. supplies, Fort Worth, Tex.  
 Tex. & Pacific Coal Co., brick, Thurber, Tex.  
 Tex. Portland Cement Co., Dallas, Tex.  
 Tex. Press Brick Co., Ferris, Tex.  
 Tex. Rice Mills, Houston, Tex.  
 Tex. Rolling Mill Co., iron & steel bars, Fort Worth, Tex.  
 Tex. Star Flour Mills, Galveston, Tex.  
 Tex. Tank & Culv. Co., Fort Worth, Tex.  
 Tex. Varnish & Specialty Wks., Houston, Tex.  
 Textile Finishing Machy. Co., 171 Westminster, Providence, R. I.  
 Textile Machine Works, Reading, Pa.  
 Textile Mfrs. Journal, 377 B'way, New York.  
 Textile Mill Supply Co., Charlotte, N. C.  
 Textile World Journal, trade publication, 144 Congress, Boston, Mass.  
 Texas Machinery & Supply Co., Houston, Tex.  
 Thomas-Ogilvie Hardware Co., Shreveport, La.  
 Thacher, A. Q., Contr. Co., 6 Jefferson av, Toledo, Ohio.  
 Thacher, Geo. H., & Co., castings, etc., Albany, N. Y.  
 Thacker, F. L., machinist, Los Angeles, Cal.  
 Thackery, J. H., & Son, brick, Broadway, Ohio.  
 Thain, Chas. C., architect, 52 Vanderbilt, New York.  
 Thain, T. T., architect, Fayetteville, N. C.  
 Thairwall, Wm. C., & Co., silk thread, 504 Albany, Boston, Mass.  
 Thal & Affel, architects, Ohio blk, Toledo, Ohio.  
 Thames River Specialties Co., paper & pulp mills, Montville & Uncasville, Conn.  
 Thames Tow Boat Co., New London, Conn.  
 Thanhouser Film Corp., New Rochelle, N. Y.  
 Tharinger, Chas. H., architect, 2324 State, Milwaukee, Wis.  
 Thatcher, A. Q., Contr. Co., Marine Bldg., Toledo, Ohio.  
 Thatcher Bros., machsts. & fndrs., Mattoon, Ill.  
 Thatcher Furnace Co., 131 W. 35th, New York.  
 Thatcher, Jno., & Son, contractors, 60 Park av, Brooklyn, N. Y.  
 Thatcher-Kerwin Glass Co., 929 N. 6th, St. Louis, Mo.  
 Thatcher Mfg. Co., dairy apparatus & glass bottles, Elmira, N. Y.  
 Thatcher Milling & Elevator Co., flour, Logan, Utah.  
 Thatcher-Rueter Mfg. Co., dies, etc., Cleveland, Ohio.  
 Thauwald, C. F., & Co., wood mantels, 1224 Harrison av, Cincinnati, Ohio.  
 Thaxter, Saml., & Son, binacles, 28 Central, Boston, Mass.  
 Thayer, A. T., machsts. & fndrs., Akron, N. Y.  
 Thayer, C. C. & A. L., architects, New Castle, Pa.  
 Thayer & Chandler, air brushes, 913 W. Van Buren, Chic., Ill.  
 Thayer & Co., machsts., 111 B'way, New York.  
 Thayer, E. M., & Co., chemicals, 411 Atlantic av, Boston, Mass.  
 Thayer, Ezra W., mill & facty. supplies—whol. hdwe., Phoenix, Ariz.  
 Thayer, Foss Co., patent lthr., 15 South, Boston, Mass.  
 Thayer Foundry Co., Atchison, Kan.  
 Thayer, Geo. A., automatic wood turnings, Watson, Mass.  
 Thayer, H. N., Co., children's carriages, Erie, Pa.  
 Thayer & Harmon, wood & valve handles, Ashfield, Mass.  
 Thayer, Henry & Co., chemicals, Cambridge, Mass.  
 Thayer, Hy. S., lumber, Ridgway, Pa.  
 Thayer, Horace H., Jr., landscape & naval architects, Drexel Bldg., Philadelphia, Pa.  
 Thayer Mfg. Co., machsts. & fndrs., Williamsburg, Mass.  
 Thayer, O. A., architect, 89 Franklin, Boston, Mass.  
 Thayer, O. C., & Son, masons' & bldrs.' matls., Erie, Pa.  
 Thayer, O. R., architect, 20 Montgomery, San Francisco, Cal.  
 Thayer, P. E., & Co., buffing wheels, cloth brushing machs., etc., Pawtucket, R. I.  
 Thayer School of Civil Engng., Dartmouth Coll., engng. school & coll., Hanover, N. H.  
 Thayer Supply Co., mill & facty. & plumbers' supplies—jobbers, Atchison, Kan.  
 Thayer, T. W., Co., machsts., sash, door & blind mfrs., 18 B'way, New York, & Cazenovia, N. Y.  
 Theall, W. L., contractor, Newburgh, N. Y.  
 Theard & Reilly, architects, Perrin Bldg., New Orleans, La.  
 Theard, Septime L., tree moss, New Orleans, La.  
 Theberge Bros., mason & bldrs.' matls., Lawrence, Mass.  
 Theilling-Lothmann Mfg. Co., sash, door & blind mfrs., 3810 N. 9th, St. Louis, Mo.  
 Theis', Peter, Sons, marble, onyx, 636 1st av, New York.



- Theise, Fred, Mfg. Co., rattan furniture, 176 Commercial, Boston, Mass.
- Theiss, Henry, machinist, Columbiana, Ohio.
- Thelen Bros., archt. iron, Syracuse, N. Y.
- Themanson, A. W., domestic pumice, St. Joseph, Mo.
- Theobald, Gustave A., contractor, 624 Spain, New Orleans, La.
- Thermal Appliance Co., water heaters, 420 W. 27th, New York.
- Thermal Syndicate (Ltd.), chemical app.—casseroles, crucibles, 50 E. 41st, New York.
- Thermex Silencer Wks., marine mufflers, 6 Lewis, Boston, Mass.
- Thermo Mfg. Co., elec. cooking app., Cleveland, Ohio.
- Thermograde Valve Co., heat regulators, 247 Atlantic av, Boston, Mass.
- Thermoid Rubber Co., Trenton, N. J.
- Thetheway, W. O., machsts. & fndrs., New Harmony, Ind.
- Theurer-Norton Provision Co., meat packers, 3136 W. 63d, Cleveland, O.
- Theurer, Otto A., contractor, Watertown, Mass.
- Thew Automatic Shovel Co., Lorain, Ohio.
- Thibaut, Richard E., wall paper mfrs., 153 Madison av, New York.
- Thibaut & Walker Co., varnish mfrs., 9th & West av, Long Island City, N. Y.
- Thibodaux Boiler Works Co., Ltd., Thibodaux, La.
- Thief River Falls Lbr. Co., 954 Second Bk. Bldg., Minneapolis, Minn.
- Thiele Constr. Co., Johnstown, Pa.
- Thiele, E., clays, minerals, etc., 11 Cliff, New York.
- Thiele, E. W., masons' & bldrs.' matls., Hanover, Ia.
- Thiele, L. A., Co., tin plate, metals, etc., Evansville, Ind.
- Thiele, L. C., Co., hot air furnaces, Indianapolis, Ind.
- Thielman, C., contractor, Laurium, Mich.
- Thiemeyer, J. H., Co., packing box mfrs., 901 S. Caroline, Baltimore, Md.
- Thiene, P. G., architect, 112 W. 9th, Los Angeles, Cal.
- Thierman, H. A. & Co., gin distillers, Louisville, Ky.
- Thiery & Kendrick Mfg. Co., machsts. & fndrs., 660 Franklin, Detroit, Mich.
- Thies & Thies, architects, Davies Bldg., Dayton, Ohio.
- Thiesen & Hildred Co., masons' & bldrs.' matls., Napoleon, O.
- Thill, A. P. Co., plumbers' supplies, 1035 Putnam av, Brooklyn, N. Y.
- Thilmany Pulp & Paper Co., Kaukauna, Wis.
- Thines, Wm. B., architect, Commonwealth Bldg., Trenton, N. J.
- Thinnes, Jacob, Jr., architect, 299 Madison av, New York.
- Thissell, Horace A., architect, Clinton, Mass.
- Thisslew, Chas., architect, 783 Milwaukee av., Chicago, Ill.
- Thistle Fdry. & Mach. Co., Graham, Va.
- Thistle Mfg. Co., clothes washing machines, 325 N. Curtis, Chicago, Ill.
- Thistle Mills, cotton duck & canvas, Ilchester, Md.
- Thistlewait Bros., sashes, doors & blinds, Beatrice, Neb.
- Thistlewaite Lumber Co., Ltd., Washington, La.
- Thlinket Packing Co., canned goods, Yeon Bldg., Portland, Ore.
- Thode & Harvis, architects, 406 9th, Brooklyn, N. Y.
- Thoele-Phillips Mfg. Co., machsts. & fndrs., Florence, Ala.
- Thom, John C. & Sons, architects & bldrs., 4523 Glenway av, Cincinnati, O.
- Thoma, E., & Co., elec. fixture mfrs., Phoenix, Ariz.
- Thoman, F., Milling Co., wheat flour, Lansing, Mich.
- Thomas, A. C., bldg. contr., Shubert Bldg., St. Paul, Minn.
- Thomas, A. H., Paint Co., Waverly, N. Y.
- Thomas, Albright, Co., machsts., Goshen, Ind.
- Thomas & Almquist, fndrs., Superior, Wis.
- Thomas, Andrew J., architect, 2526 Webster av, New York.
- Thomas & Armstrong Co., cornices & skylights, London, O.
- Thomas, Arthur H., Co. laboratory apparatus, W. Washington sq, Philadelphia, Pa.
- Thomas Auto Truck Co., 630 W. 51st, New York.
- Thomas, B. F., Lumber Co., Carthage, Mo.
- Thomas & Betts, clamps, boxes, bushings, benders, etc., 105 Hudson, New York.
- Thomas Bros., contractors, Peru, Ind.
- Thomas Bros., canned goods, Elliston, Va.
- Thomas Bros. & Co., Ltd., masons' & bldrs.' matls., Hammond Bldg., Detroit, Mich.
- Thomas & Brown, machinists & founders, New London, Wis.
- Thomas, Buckwalter & Co., stove linings mfrs., Royersford, Pa.
- Thomas, C. F., & Co., contrs., Louisville, Ky.
- Thomas, C. M., architect, Clinton, Ind.
- Thomas Canning Co., Grand Rapids, Mich.
- Thomas Carbon Remover Co., 15 Railroad, Cortland, N. Y.
- Thomas, Chas., stone prod., 1103 S. State, Syracuse, N. Y.
- Thomas, Chas., machinist, Elmira, N. Y.
- Thomas, Chauncey, & Co., carriages, Blandford, Boston, Mass.
- Thomas, Churchman & Moliter, architects, 1309 Walnut, Philadelphia, Pa.
- Thomas & Co., church & lodge furniture, wood carvers, Worcester, Mass.
- Thomas Coupling Co., Troy, Pa.
- Thomas, D. D., & Son, contractors, Memphis, Tenn.
- Thomas, E. R., Motor Car Co., Buffalo, N. Y.
- Thomas Elevator Co., electric hoists, etc., 20 South Hoyne, Chicago, Ill.
- Thomas, F. A., Co., watchman's portable clocks, Wells Fargo Bldg., San Francisco, Cal.
- Thomas, F. E., fishing rods, Bangor, Me.
- Thomas, Frederick, architect, Gunther Bldg., Baltimore, Md.
- Thomas Furnace Co., 740 Kinnickinnic av, Milwaukee, Wis.
- Thomas, G. C., & Bros., stone producers, Waterloo, N. Y.
- Thomas, G. E., cornices, Duquesne, Pa.
- Thomas, G. H. A., Co., lumber, Broad & Poydras, New Orleans, La.
- Thomas, G. H. & Co., canned goods, Farmington Falls, Me.
- Thomas Grate Bar Co., Birmingham, Ala.
- Thomas, H., sashes, doors & blinds, Columbia, S. C.
- Thomas, H. D., & Son, contractor, New Albany, Ind.
- Thomas, H. L., masons' & bldrs.' matls., Newman, Ill.
- Thomas-Hammond Mach. Co., Tacoma, Wash.
- Thomas Hardware Co., Suffolk, Va.
- Thomas, Harlan, architect, Arcade Bldg., Seattle, Wash.
- Thomas & Hobro Co., contractors, 340 Howard av, New Haven, Conn.
- Thomas & Hughes, contractors, Utica, N. Y.
- Thomas-Huycke Co., masons' & bldrs.' matls., Oliver, Ark.
- Thomas, I. P., & Son Co., fertilizer mfrs., Drexel Bldg., Philadelphia, Pa.
- Thomas Iron Co., founders, Hokendaugua, Pa.
- Thomas, J., & Co., lumber, Rossville, Kan.
- Thomas, J., & Son, masons' & bldrs.' matls., Topeka, Kan.
- Thomas, Jacob, Co., wall paper mfrs., Newark, Del.
- Thomas, Jas., fertilizer mfr., Williamsport, Pa.
- Thomas, Jeffrey P., landscape architect, 615 6th, Watervliet, N. Y.
- Thomas, John B., architect, Lakewood, N. J.
- Thomas, Jno. H., architect, Kellar Bldg., Louisville, Ky.
- Thomas, Jno. Hudson, architect, 1st Natl. Bk. Bldg., Berkeley, Cal.
- Thomas, John R., contractor, Wilkes-Barre, Pa.
- Thomas, Jos., & Son, Masons' & bldrs.' matls., sash, door & blind mfrs., 826 Leadenhall, Baltimore, Md.
- Thomas-Kinzey Lumber Co., Johnstown, Pa.
- Thomas, L. H., Co., writing inks, paste, etc., W. Congress & S. Peoria, Chicago, Ill.
- Thomas, Lee A., architect, Selling Bldg., Portland, Ore.
- Thomas, Lewis W., architect, Pythian Bldg., Cleveland, Ohio.
- Thomas, M. O., contractor, Sedalia, Mo.
- Thomas Mach. Co., Keokuk, Ia.
- Thomas Mfg. Co., chalk mfrs., Baltimore, Md.
- Thomas Mfg. Co., talking machine specialties, 32 W. Fifth, Dayton, Ohio.
- Thomas Mfg. Co., agricultural implements, Springfield, Ohio.
- Thomas Milling Co., flour, Marion, Ind., & Thomas, Okla.
- Thomas-Morse Aircraft Co., aeronautical motors, Ithaca, N. Y.
- Thomas Moulding Brick Co., 1203 Chamber of Commerce, Chicago, Ill. *See adv index at end of book.*
- Thomas, N. O., brick, Center, Tex.
- Thomas, Oscar G., Co., machsts. & fndrs., Taunton, Mass.
- Thomas, Otto, architect, 354 Fulton, Jamaica, N. Y.
- Thomas, Peter, Co., drawers, freezers, toys, Canton, Ohio.
- Thomas, Philip, Sons Co., lbr. mfrs., 1621 Kemble, Utica, N. Y.
- Thomas Pineapple Co., canned, Honolulu, Hawaii.
- Thomas & Proetz Lbr. Co., Hall & Angelrodt, St. Louis, Mo.
- Thomas, R. M., Co., pegs—husking, Shenandoah, Ia.
- Thomas, R., & Sons Co., porcelain spec., insulators, East Liverpool, Ohio.
- Thomas, Rees, masons' & bldrs.' matls., Sumas, Wash.
- Thomas, Roberts, Stevenson Co., furnaces & ranges, American & Dauphin, Philadelphia, Pa.
- Thomas, Roy L., architect, Scarborough Bldg., Austin, Tex.
- Thomas, S. C., canned goods, Weems, Va.
- Thomas, Seth, Clock Co., candlesticks, clocks & metronomes, Thomaston, Conn.
- Thomas Slate Co. (Ltd.), roofing slate mfrs., Slatedale, Pa.
- Thomas & Smith, air cooling, purifying & moistening apparatus, 116 Carpenter, Chicago, Ill.
- Thomas Stationery Mfg. Co., Springfield, Ohio.
- Thomas Steel Reinforcement Co., concrete reinf. matls., Armon & M. C. R., Detroit, Mich.
- Thomas, T., & Co., door & house locks & knobs, 28 Mechanic, Newark, N. J.
- Thomas & Turner, contractors, Knoxville, Tenn.
- Thomas, Tysilio, architect, Short Hills, N. J.
- Thomas, W. A., architect, Park Bldg., Pittsburgh, Pa.
- Thomas, W. B., architect, Stockton, Cal.
- Thomas, W. F., machsts., Connell, Wash.
- Thomason, W. J., lumber, Vivian, La.
- Thomas, W. W., & Co., kainit, 15 Whitehall, New York.
- Thomas, W. & W. E., flour, Milford, N. J.
- Thomas, Wm. E., & Co., yacht sails, spray hoods, etc., 42 South, New York.
- Thomas, Wm. F., contractor, Hazleton, Pa.
- Thomaston Cotton Mills, Thomaston, Ga.
- Thomaston Knife Co., pocket knives, Thomaston, Conn.
- Thomasville Fertilizer Co., Thomasville, Ga.
- Thomasville Iron Works, posts, Thomasville, Ga.
- Thomasville Mill & Storage Co., fertilizer mfrs., Thomasville, Ala.
- Thomasville Spoke Wks. Co., Thomasville, N. C.
- Thomasville Stone & Lime Co., Thomasville, Pa.
- Thomasville Veneer & Panel Co., Thomasville, N. C.
- Thompin & Beyers, masons' & bldrs.' matls., Hastings-Upon-Hudson, N. Y.
- Thompson, A., & Co., flour mills, Trenton, N. J.
- Thompson, A. D., Co., contrs., Peoria, Ill.



- Thompson, A. J., Stone Co., Ellettsville, Ind.  
 Thompson, A. K., architect, North Yakima, Wash.  
 Thompson, Albert N., & Co., lumber, Memphis, Tenn.  
 Thompson, Albert T., & Co., arc lamps, reflectorscopes, etc., 15 Tremont pl, Boston, Mass.  
 Thompson, B. N., Co., lumber, 620 Lbr. Ex., Minneapolis, Minn.  
 Thompson Balance Co., Denver, Colo.  
 Thompson-Bonney Co., woven wire brushes & machy. dlrs., 18 Henry, Brooklyn, N. Y.  
 Thompson Bottle Co., Gas City, Ind.  
 Thompson Bros., canned goods, Cabool, Mo., & East Haddam, Conn.  
 Thompson Bros., steam htg. contrs., 125 W. 5th, Phila., Pa.  
 Thompson Bros., machinists, 625 Brannan, San Francisco, Cal.  
 Thompson Bros. Canning Co., Marshallfield, Mo.  
 Thompson Bros. Co., cornices & skylights, Muscatine, Ia.  
 Thompson Bros. Lbr. Co., Trinity, Tex.  
 Thompson, C. C., & Co., alfalfa meal, 43 S. 11th, Newark, N. J.  
 Thompson, C. C., Pottery Co., East Liverpool, Ohio.  
 Thompson, Chas., brick, Painesville, Ohio.  
 Thompson, Chas. L., architect, Little Rock, Ark.  
 Thompson & Chute Soap Co., Toledo, Ohio.  
 Thompson Co., mill & facty. supplies, 301 W. 126th, New York.  
 Thompson & Co., oil well supplies, Mount Jewett, Pa.  
 Thompson & Co., paints, 1111 Galveston av, N. S., Pittsb'h, Pa.  
 Thompson Co., traps (fly), Red Oak, Ia.  
 Thompson & Dederick & Co., machsts. & fndrs., Batson, Tex.  
 Thompson Distilling Co., 319 First av, Pittsburgh, Pa.  
 Thompson, Durkee Co., plumbers' supplies, jobbers, 92 High, Boston, Mass.  
 Thompson, Dwight, lumber, House Bldg., Pittsburgh, Pa.  
 Thompson, E. J., architect, Hornell, N. Y.  
 Thompson, E. J., Co., auto. metal bodies, Forbes & Field, Pittsburgh, Pa.  
 Thompson, E. M., granite, Fitzwilliam Depot, N. H.  
 Thompson, E. R., architect, 524 Belmont av, Youngstown, Ohio.  
 Thompson, Edw., masons' & bldrs.' matls., 916 Thayer, New Orleans, La.  
 Thompson Elec. Clock Co., Memphis, Tenn.  
 Thompson Elec. Co., cut-out hangers, 5606 Euclid, Cleveland, O.  
 Thompson Emery Mach. & Supply Co., 235 E. 41st, New York.  
 Thompson & Fleith Lbr. Co., Wausau, Wis.  
 Thompson Francis Stove Co., Gallipolis, Ohio.  
 Thompson, Fred'k A., architect, Y. M. C. A. Bldg., Portland, Me.  
 Thompson, Fdk. W., Co., sash, door & blind mfrs., Norwalk, Conn.  
 Thompson, G. A., & Sons, packing box mfrs., Hurlock, Md.  
 Thompson, G. Kramer, architect, 101 Park av, New York.  
 Thompson, Geo. I., & Co., contractors, Clearfield, Pa.  
 Thompson, Geo. T., masons' & bldrs.' matls., Canandaigua, N. Y.  
 Thompson Grinder Co., Springfield, Ohio.  
 Thompson, H. D., & Co., masons' & bldrs.' matls., whol. hdwe., Malone, N. Y.  
 Thompson, G., & Son Co., hack saw blades & metal cutting machinery mfrs., New Haven, Conn.  
 Thompson Hardware Co., Lowell, Mass.  
 Thompson, Hervey, machsts, 176 E. 119th, New York.  
 Thompson & Hoague Co., mill & facty. supplies, whol. hdwe., Concord, N. H.  
 Thompson, Hubman & Fisher, lumber mfrs., North Tonawanda, N. Y.  
 Thompson, Hugh E., corn brooms, 558 Packard av, Kansas City, Mo.  
 Thompson Iron Wks., range boilers, 1825 Callowhill, Phila., Pa.  
 Thompson, J. A., sashes, doors & blinds, Taylor, Tex.  
 Thompson, J. B., distiller, Harrodsburg, Ky.  
 Thompson, J. B., & Co., distillers, Union Tr. Bldg., Cincinnati, O.  
 Thompson, J., & Co., machsts. & fndrs., Van Horn & Sophia, Philadelphia, Pa.  
 Thompson, J. D., & Co., cornices & skylights, Washington, D. C.  
 Thompson, J., Francis, architects, Mass. Bldg., Kansas City, Mo.  
 Thompson, J. L., lumber, Lyons, Ga.  
 Thompson, J., Lumber Co., Memphis, Tenn.  
 Thompson, J. M., & Sons Hardware Co., 608 1st av, N., Minneapolis, Minn.  
 Thompson, J. P., contractor, 204 Goffe, New Haven, Conn.  
 Thompson, J. & S. S., masons' & bldrs.' matls., Elizabeth, N. J.  
 Thompson, J., & Sons, brick, Fortuna, Cal.  
 Thompson, J. W., contrs., Boatmen's Bank Bldg., St. Louis, Mo.  
 Thompson, Jas., lbr., Hookset, N. H.  
 Thompson, Jas. A., cloth boards, boxes, Lowell, Mass.  
 Thompson, Jas., & Bro., gin distillers, Louisville, Ky.  
 Thompson, Jas., & Co., bags, book cloth, twine, etc., Valley Falls, N. Y.  
 Thompson, Jas., & Sons, masons' & bldrs.' matls., Bay, Stapleton, N. Y.  
 Thompson, John A., canned goods, Freeport, Me.  
 Thompson, Jno. D., Jr., architect, Ford Bldg., Wilmington, Del.  
 Thompson, Jno. E., pig iron & coke mfrs., 81 Fulton, New York.  
 Thompson, John L., & Son, plate glass, Troy, N. Y.  
 Thompson, John N., contractor, New Rochelle, N. Y.  
 Thompson, Jos. F., lumber, West Townsend, Mass.  
 Thompson, Jos. P., contractor, 46 Smith ter, Stapleton, N. Y.  
 Thompson, Jos., & Son, stone, Englewood, N. J.  
 Thompson, L. A., Scenic Railway Co., 291 B'way, New York.  
 Thompson, L. C., whol. hdwe., Pottsville, Pa.  
 Thompson, Leon C., brooms, Concord, N. H.  
 Thompson-Levering Co., elec. instruments, Philadelphia, Pa.  
 Thompson, Lewis & Co., lumber, N. American Bldg., Phila., Pa.  
 Thompson, Lewis I., architect, Central Bldg., Portland, Ore.  
 Thompson & Libby, heaters, Lynn, Mass.  
 Thompson & McAtee, carriages, Maysville, Ky.  
 Thompson, M. G., architect, Muncie, Ind.  
 Thompson Mfg. Co., lawn sprinklers, etc., 2468 E. 8th, Los Angeles, Cal.  
 Thompson Mfg. Co., mill & facty. supplies, Lancaster, N. H.  
 Thompson Mfg. Co., plumbers' wood work, Holland, Mich.  
 Thompson & Matthews Co., contractors, Red Bank, N. J.  
 Thompson-Miler Hardware Co., Charleston, S. C.  
 Thompson Milling Co., flour, cereal foods, Lockport, N. Y.  
 Thompson & Moseley, contractors, Greensboro, N. C.  
 Thompson, N. E., architect, Rookery Bldg., Spokane, Wash.  
 Thompson & Norris Co., corrugated paper mfrs., Concord & Prince, Brooklyn, N. Y.  
 Thompson, O. E., & Sons, agricultural implements & masons' & bldrs.' matls., 400 River, Ypsilanti, Mich.  
 Thompson Oil Mill Co., Hawkinsville, Ga.  
 Thompson, P. H., machinery, Salisbury, N. C.  
 Thompson Plow & Engine Wks., agri. implements, Beloit, Wis.  
 Thompson, R. M., flour mills, Bethpage, Tenn.  
 Thompson, Richard, & Co., grate bar mfrs., regulators, cleaners, etc., 126 Liberty, New York.  
 Thompson, S. B., & Co., granite producers, Fitzwilliam Depot, N. H.  
 Thompson, S. M., flour (buckwheat), Chilhowee, Mo.  
 Thompson-Starratt Co., htg. contrs., 49 Wall, New York.  
 Thompson, T. C., & Bros., contractors, Charlotte, N. C.  
 Thompson, T. H., veneer, Milan, Ind.  
 Thompson, T. M., contractor, Plymouth Bldg., Minneapolis, Minn.  
 Thompson, T., Mfg. Co., lightning rods, Brighton, Ia.  
 Thompson, T. W., flour mills, Knoblick, Ky.  
 Thompson, Thos. C., enamels, Wilmette, Ill.  
 Thompson, Thos. S., architect, Carbondale, Ill.  
 Thompson & Thompson, architects, Mut. Life Bldg., Seattle, Wash.  
 Thompson & Tucker Lumber Co., Houston, Tex.  
 Thompson Type Machine, 233 W. Erie, Chicago, Ill.  
 Thompson, W. A. L., Hardware Co., contrs. tools, Topeka, Kans.  
 Thompson, W. F., architect, 971 S. Westmoreland av, Los Angeles, Cal.  
 Thompson, W. H., lumber mfrs., Eastman, Ga.  
 Thompson, Wade, & Co., lumber mfrs., Scottsville, Ky.  
 Thompson, Walter I., & Son Co., contractors, 6110 Euclid av, Cleveland, Ohio.  
 Thompson, Warner R., sand & gravel producers, Detroit, Mich.  
 Thompson, Walter M., mill & facty. supplies, 1427 Plum, Cincinnati, Ohio.  
 Thompson, Wm. E., & Son, contractors, Anderson, Ind.  
 Thompson, Wm. R., contractor, 704 Lafayette av, Brooklyn, N. Y.  
 Thompson Wood Finishing Co., paint mfrs., 829 N. 3d, Philadelphia, Pa. *See adv index at end of book.*  
 Thompson & Wills, brick mfrs., Royersford, Pa.  
 Thompson's, C. M., Sons, machsts., Lexington, N. C.  
 Thompson's Carbolic Soap Co., sheep dips, 46 Eagle, Brooklyn, N. Y.  
 Thompson's, Sam'l, Nephew & Co., burlap, 142 Duane, New York.  
 Thomsen, Chas., Planing Mill Co., sash, door & blind mfrs., 1700 Vandeventer av, St. Louis, Mo.  
 Thomsen Chemical Co., Race & Winder, Baltimore, Md.  
 Thomsen, Fred'k W., architect, 1949 Seminary av, Chicago, Ill.  
 Thomsen & Smith, architects, Southern Express Bldg., Memphis, Tenn.  
 Thomson, A. H., architect, 222 Market, Newark, N. J.  
 Thomson, A. H., & Son, masons' & bldrs.' matls., Coshocton, O.  
 Thomson, Alex., boilermakers' tools, Fitchburg, Mass.  
 Thomson Bridge Co., 103 Main, San Francisco, Cal.  
 Thomson-Diggs Co., whol. hdwe., Sacramento, Cal.  
 Thomson Drop Forge Co., chisels, forgings, etc., Plantsville, Conn.  
 Thomson Electric Welding Co., 161 Pleasant, Lynn, Mass.  
 Thomson, Frank K., architect, Raleigh, N. C.  
 Thomson, G., & Son Co., contractors, 30 N. La Salle, Chicago, Ill.  
 Thomson & Graves, architects, Hammond, Ind.  
 Thomson, H. B., architect, Southwestern Life Bldg., Dallas, Tex.  
 Thomson, J. & A., heating contractors, 1232 W. 11th, Cleveland, Ohio.  
 Thomson, John B., architect, Connell Bldg., Scranton, Pa.  
 Thomson, Jos., Press Co., Nott av, Long Island City, N. Y.  
 Thomson, Judson L., Mfg. Co., rivet mfrs., etc., Waltham, Mass.  
 Thomson, L., & Co., lumber mfrs., Albany, N. Y.  
 Thomson Machine Co., Belleville, N. J.  
 Thomson Mfg. Co., bow rests, Watertown, Mass.  
 Thomson Meier Co., water meters, 110 Bridge, Brooklyn, N. Y.  
 Thomson, Robert, & Co., architects, 704 Carrie, & 607 Pope av, St. Louis, Mo.  
 Thomson, S. H., Mfg. Co., hdwe. mfrs., Dayton, Ohio.  
 Thomson Spot Welder Co., Knowlton & Langland, Cincinnati, Ohio.



- Thomson, Volney, carriages, Center Montville, Me.  
 Thomson, W. H., & Co., steel struct. dls., Land Title Bldg., Philadelphia, Pa.  
 Thomson, W. S., machst., 418 W. 27th, New York.  
 Thomson, Theo. S. (Est. of), ties, poles, etc., Thompsonstown, Pa.  
 Thonet Bros., revolving chairs, 14 E. 32d, New York.  
 Thorburn, J. M., & Co., fertilizer mfrs., 53 Barclay, New York.  
 Thorburn, Thos., bldg. contr., Duluth, Minn.  
 Thordarson Electric Mfg. Co., transformers, coils, magnets, igniters, etc., 518 S. Jefferson, Chicago, Ill.  
 Thoresen, Wm., sheet metal ornaments, 1916 W. North av, Chicago, Ill.  
 Thorkildsen-Mather Co., acid, borax, saltpetre, etc., Harris' Trust Bldg., Chicago, Ill.  
 Thorman, O. H., & Co., architects, Roberts-Banner Bldg., El Paso, Tex.  
 Thormann, Jno. H., & Co., contractors, 530 W. Barre, Baltimore, Md.  
 Thorn Cement Co., Prudential Bldg., Buffalo, N. Y.  
 Thorn, J. S. Co., sheet metal ornaments, ventilating apparatus, etc., 20th & Allegheny av, Philadelphia, Pa.  
 Thorn, Louis F., architect, 18 S. Broadway, Yonkers, N. Y.  
 Thorn, W. W., contractor, St. Clair, Pa.  
 Thornburgh Mfg. Co., machinists—agricultural implements, Bowling Green Ohio.  
 Thorndike Co., tickings, Boston, Mass.  
 Thorndike & Hix, canned goods, Rockland, Me.  
 Thorne, Edwin C., architect, 321 W. 3d, Los Angeles, Cal.  
 Thorne, H. K., architect, Devon, Pa.  
 Thorne Hold-Fast Metal Bar Co., store front construction, Troy, N. Y.  
 Thorne, W. K., contr., Coatesville, Pa.  
 Thornhill Bros., masons' & bldrs.' matls., Xenia, Ohio.  
 Thornhill, J. H., contractor, Winchester, Ind.  
 Thornhill Wagon Co., Lynchburg, Va.  
 Thornton Bros., canned goods, Springboro, Pa.  
 Thornton Bros. Co., contractors, 1320 Findlay av, New York.  
 Thornton, E. A., Lumber Co., box shooks, 11 S. La Salle, Chicago, Ill.  
 Thornton Fire Brick Co., Clarksburg, W. Va.  
 Thornton, H. N., Co., contractors, 376 E. 7th, S., Salt Lake City, Utah.  
 Thornton, John, Jr., harness awls, needles, 108 Worth, New York.  
 Thoroughgood & Co., lumber, Janesville, Wis.  
 Thoroughgood Co., masons' & bldrs.' matls., Georgetown, Del.  
 Thorp, A., & Son, Crate Co., Roseville, Ohio.  
 Thorp Fire Proof Door Co., 1600-1610 Central av, Minneapolis, Minn.  
 Thorpe, Geo. L., contractor, Holyoke, Mass.  
 Thorpe Hardware & Mfg. Co., Monroe, N. C.  
 Thorpe, Jno., plate glass, 260 W. Broadway, New York.  
 Thorpe, Richard, Co., cotton damasks, 1657 Meadow, Philadelphia, Pa.  
 Thourot, Paul, machst., 559 W. 36th, New York.  
 Thrash, J. T., boilers, Dallas, Tex.  
 Thrasher, R. H., canned goods, Springwood, Va.  
 Thread Agency, 260 W. Broadway, New York.  
 Thread Tight Co., pipe joint cements, compounds & paste, 288 Bowery, New York.  
 Three Forks Portland Cement Co., Denver, Colo.  
 Three-In-One Oil Co., lubrg., 165 Broadway, New York.  
 Three Rivers Iron & Metal Co., scrap iron & steel, Three Rivers, Mich.  
 Three Rivers Packing Co., meat packers, Three Rivers, Mich.  
 Three Rivers Paper Co., Phoenix, N. Y.  
 Three Rivers Railway Supply Co., machsts. & fndrs., Three Rivers, Mich.  
 Three Star Slide Co., lantern slide mfrs., 443 South Dearborn, Chicago, Ill.  
 Three States Cedar Co., 1102 Plymouth Bldg., Minneapolis, Minn.  
 Three States Lumber Co., Memphis, Tenn.  
 Threefoot Bros. & Co., fertilizer mfrs., Meridian, Miss.  
 Threewit, Benj. F., masons' & bldrs.' matls., 1439 Wynkoop, Denver, Colo.  
 Thresher Varnish Co., Dayton, Ohio.  
 Throm, Chas. F., trough mfr., Toledo, Ohio.  
 Throne, H. E., architect, Hubbell Bldg., Des Moines, Ia.  
 Throop College of Technology, engng. schools & coll., Pasadena, Cal.  
 Throop-Martin Co., sash, door & blind mfrs., 139 E. Chestnut, Columbus, Ohio.  
 Thropp, Jos. E., blast furnaces, etc., Earlston, Pa. (P. O. Everett, Pa.)  
 Throop, Wm. R., & Sons' Co., rubber machy., etc., Trenton, N. J.  
 Thropp's, Jno. E. Sons Co., rubber mill, pottery, cement, etc., machy., ft. of Lewis, Trenton, N. J.  
*See adv index at end of book.*  
 Thrower, D. E., lumber, Ridgeville, S. C.  
 Thrufoot Bros. & Co., harness, saddles, Meridian, Miss.  
 Thrush, E. H., lumber, Camas Valley, Ore.  
 Thrush, Perry R., contractor, Lemcke Bldg., Indianapolis, Ind.  
 Thrush & Stough, carriages, Shippensburg, Pa.  
 Thuener, Chas., Planing Mill Co., sash, door & blind mfrs., Prairie & Lucky, St. Louis, Mo.  
 Thum, Chas. D., brushes, boiler cleaners, etc., 150 N. 3d, Philadelphia, Pa.  
 Thum, O. & W., Co., fly paper, Grand Rapids, Mich.  
 Thumb, E. W., carriage top dressing, floor oils, etc., 872 Orleans, Chicago, Ill.  
 Thuebel, S. H., varnish, 130 Pearl, New York.  
 Thurgood, C. L., architect, 410 Main, Evansville, Ind.  
 Thurlow Steel Works, iron forgings, Chester, Pa.  
 Thurman, J. C., contractor, El Monte, Cal.  
 Thurman, L. L., & Co., architects, Andrews Bldg., Dallas, Tex.  
 Thurman Mfg. Co., knitted gloves, bathing suits, sweaters, etc., 427 Ashmead, Philadelphia, Pa., & Madera, Cal.  
 Thurman Vacuum Cleaner Co., 11th & Monroe, St. Louis, Mo.  
 Thurmond Bros., flour, Forsyth, Ga.  
 Thurnauer, G. M. Co., gas burner tips, carpet & egg beaters, brushes, etc., 6 E. 20th, New York.  
 Thurner, Jos. J., contractor, 798 Crescent, Long Island City, N. Y.  
 Thurstin, Wilber G., architect, Ohio Bldg., Toledo, Ohio.  
 Thurston, A. G., & Son, mchsts., Fall River, Mass.  
 Thurston & Braidich, tragacanth imports, 27 Cliff, New York.  
 Thurston Bros., coffins, etc., So. Union, Me.  
 Thurston & Co., contractors, 57 Post, San Francisco, Cal.  
 Thurston, F. W., Co., enamels, floor polish, paints, varnishes, etc., 1832 S. Clark, Chicago, Ill.  
 Thurston, H. T. Co., machsts., Boothbay Harbor, Me.  
 Thurston & Hale, cornices & skylights, Rockport, Mass.  
 Thurston & Haskell, contractors, Elmira, N. Y.  
 Thurston Mfg. Co., machinery & tool mfrs., 140 Benedict, Providence, R. I.  
 Thurston, Oscar, masons' & bldrs.' mtls., Darby, Pa.  
 Thurtle, Jno. G., architect, Ridge bldg., Kansas City, Mo.  
 Thurton, J. K., contractor, 101 Park av, New York.  
 Thurwachter, L. L., & Son, clothes baskets, 215 W. Fayette, Syracuse, N. Y.  
 Thwing Instrument Co., pyrometers & electric testing instruments, 33rd & Lancaster av, Phila., Pa.  
 Thye, John, contractor, Burlington, Ia.  
 Thym Cut Stone Co., Brannon av & Odell, St. Louis, Mo.  
 Tibbett & Hayes, lumber mfrs., East Rochester, N. H.  
 Tibbets Pacific Co., contractors, 16 California, San Francisco, Cal.  
 Tibbits-Cameron Lumber Co., 814 Wells blvd, Milwaukee, Wis.  
 Tibbits, Chas. H., masons' & bldrs.' matls., Portchester, N. Y.  
 Tichenor, F. C., Gear Works, Peoria, Ill.  
 Tickell, Jos., & Son, fndrs., Vicksburg, Miss.  
 Tickle, Arth., mchst. & fndr., 21 Delevan, Bklyn., N. Y.  
 Ticonderoga Machine Works, Ticonderoga, N. Y.  
 Ticonderoga Pulp & Paper Co., 200 5th av, New York.  
 Tide-Water Bldg. Co., 16 E. 33rd, New York.  
 Tidewater Coal & Coke Co., Vivian, W. Va.  
 Tidewater Iron Works, machsts., Hoboken, N. J.  
 Tidewater Oil Co., 11 B'way, New York.  
 Tidewater Paper Mills Co., 32 33d, Brooklyn, N. Y.  
 Tidewater-Portland Cement Co., 957 Calvert Bldg., Baltimore, Md.  
 Tidewater Stencil Works, Norfolk, Va.  
 Tidewater Supply Co., machinery dealer, Norfolk, Va.  
 Tidey, F. W., saw benches or tables, Irvington, N. J.  
 Tidey, M. B., machy. dealer, 80 Warren, Newark, N. J.  
 Tidlow, Cliff, architect, Lockhaven, Pa.  
 Tie Co., tying devices, hooks, knives, etc., Unadilla, N. Y.  
 Tiebout, C. H., & Sons, hardware mfrs., 31 Grand, Brklyn., N. Y.  
 Tiebout, W. & J., hardware mfrs., 118 Chambers, New York.  
 Tiedeken, Theo. C., & Bro., carriages, Camden, N. J.  
 Tiedemann, Chas., Milling Co., flour, O'Fallon, Ill.  
 Tiedt & Markthaler, interior hardwood work, 506 Col. av, New York.  
 Tiemann, Geo., & Co., surgical instruments, 107 Park row, New York.  
 Tiemeyer, John H., Jr., architect, 17 W. 44th, New York.  
 Tiernan, Luke, cornices, 1019 Chestnut, St. Louis, Mo.  
 Tierney Bros., scarp iron & steel, Streator, Ill.  
 Tierney, Patrick J., milk wagons, New Rochelle, N. Y.  
 Tietgens, Paul, & Co., palm oils, Prod. Exchange, New York.  
 Tietig & Lee, architects, Fourth Nat'l Bk. Bldg., Cincinnati, O.  
 Tietjen & Lang Dry Dock Co., machinists, Hoboken, N. J.  
 Tiffaney, R. E., architect, Carbondale, Pa.  
 Tiffany Carriage Works, San Diego, Cal.  
 Tiffany & Co., machinists, 5th av & 37th, New York.  
 Tiffany & Conrad, architects, Phelps Bk. Bldg., Binghamton, N. Y.  
 Tiffany Elec. Mfg. Co., self winding clocks, Ellicott sq, Buffalo, N. Y.  
 Tiffany, Eli J., textile machy., Bennington, Vt.  
 Tiffany Enamel Brick Co., Momence, Ill.  
 Tiffany Machine Shop, Poughkeepsie, N. Y.  
 Tiffany & Pickett Co., lumber, Winsted, Conn.  
 Tiffany Studios, archl. modelers & sculptors, 361 Madison av, New York.  
 Tiffin Art Metal Co., 20 Broad, Tiffin, O.  
 Tiffin Brick Co., Tiffin, Ohio.  
 Tiffin Mfg. Co., church furniture, Tiffin, Ohio.  
 Tiffin Wagon Co., Tiffin, Ohio.  
 Tift, H. H., mill & facty. supplies, Tifton, Ga.



- Tift Silica Brick & Stone Co., Tifton, Ga.  
 Tifton Guano Co., Tifton, Ga.  
 Tiger Drill Mfg. Co., machsts., Beaver Dam, Wis.  
 Tiger, Ellis, Co., masons' & bldrs.' matls., Gladstone, N. J.  
 Tiger Refining Co., petroleum, Okmulgee, Okla.  
 Tiger-Shoals Milling Co., flour, fertz. mfrs., Wellford, S. C.  
 Tiger Vehicle Co., carriages, Freeport, Ill.  
 Tigerton Lumber Co., Tigerton, Wis.  
 Tighe, John J., machst. & fndr., 150 25th, Bklyn., N. Y.  
 Tight Joint Co., machsts., 306 E. 47th, New York.  
 Tilden, Frank W., machst. & fndr., Hinsdale, N. H.  
 Tilden, Guy, & Son, architects, Canton, O.  
 Tilden & Register, architects, 1713 Sansom, Philadelphia, Pa.  
 Tileine Universal Flooring Co., 775 1st av, New York.  
 Tileston & Hollingsworth Co., paper & pulp mills, 49 Federal, Boston, Mass.  
 Tiley-Pratt Co., openers, knives, cutters (paper), Essex, Conn.  
 Tilghman-Brookshank Sand Blast Co., sand blast machine & equipment, 1120 S. 11th, Philadelphia, Pa.  
 Tilghman Canning Co., Tilghman, Md.  
 Tilghman Packing Co., Tilghman, Md.  
 Tilghman, W. B., Co., lumber & fertilizer mfrs., Salisbury, Md.  
 Tilk, Frank, Orna. Iron Works, Kansas City, Mo.  
 Tillack & Foster, architects, 150 Nassau, New York.  
 Tillack, W. J., contractor, 150 Nassau, New York.  
 Tiller, Geo. W., contractor, Richmond, Va.  
 Tiller-Glenn Co., fertilizer, Carlton, Ga.  
 Tiller, W. T., & Co., fertilizer mfrs., Emporia, Va.  
 Tillery, J. F., Iron Co., scrap iron, Knoxville, Tenn.  
 Tilley, Harry H., dock bldrs., 258 E. 138th, New York.  
 Tillinghast, B. D., machsts., McDonald, Pa.  
 Tillinghast, L. H., Supply Co., plumbers' supplies—jobbers, 162 Dorrance, Providence, R. I.  
 Tillion, Philemon, architect, 381 Fulton, Brooklyn, N. Y.  
 Tillman Bros., mattresses, La Crosse, Wis.  
 Tillmann, E., electro plating, 197 Grand, New York.  
 Tillotson Humidifier Co., textile machy., 78 Fountain, Providence, R. I.  
 Tillotson Mfg. Co., carbureters, Toledo, O.  
 Tilson Mfg. Co., pail clasps, Malden, Mass.  
 Tilton, B., machst. & fndr., Prescott, Ariz.  
 Tilton Bros., cornices & skylights, Portland, Ore.  
 Tilton, Chas. P., contractor, Atlantic City, N. J.  
 Tilton & Cherry, carriages, Keyport, N. J.  
 Tilton, Edward L., architect, Manchester, N. H.  
 Tilton, John Neal, architect, 228 S. La Salle, Chicago, Ill.  
 Tilton Mills, belting mfrs.—solid cotton, Tilton, N. H.  
 Tilton Optical Co., Tilton, N. H.  
 Tilton, Wm. A., architect, 76 Montgomery, Jersey City, N. J.  
 Tim, Jno. W., & Son, umbrellas, 633 Penn av, Pittsburgh, Pa.  
 Timberlake, J. B. & Sons, brackets, hangers, racks, etc., Jackson, Mich.  
 Time Register Repair & Supply Co., time recorders, Gardner, Mass. *See adv index at end of book.*  
 Timken-Detroit Axle Co., roller bearings, Clark av, Detroit, Mich.  
 Timken Roller Bearing Co., tubing, Canton, Ohio.  
 Timm, C. G., poultry coops, Osceola, Neb.  
 Timme, E. A., & Son, stencils, Worcester, Mass.  
 Timmer, Bert, contractor, Grand Rapids, Mich.  
 Timmer, H. W., machst. & fndr., Waldo, Wis.  
 Timmerman, P. V. R., masons' & bldrs.' matls., Catskill, N. Y.  
 Timmerman, W. A., brick, Dayton, Ohio.  
 Timmis & Chapman, architect, 315 5th av, New York.  
 Timmis & Clissold, fillet, letters & figures.—pattern, etc., Bound Brook, N. J.  
 Timmins Mach. Works, Lexington, Ky.  
 Timmons, H. D., Lbr. Co., Waxahachie, Tex.  
 Timmons Lumber Co., Springfield, Mo.  
 Timmonsville Oil Co., fertz. mfrs., meal, Timmonsville, S. C.  
 Timms, Cress & Co., masons' & bldrs.' matls., 184 2nd, Portland, Ore.  
 Timms, Thos. L., contractor, 253 6th av., Salt Lake City, Utah.  
 Tin Decorating Co., boxes, Boston & Linwood av, Baltimore, Md.  
 Tindall, Chas. H., & Son, contractors, 614 Tatnall, Wilmington, Del.  
 Tindall, Roscoe C., architect, Equitable Bldg., Wilmington, Del.  
 Tindall, Wm. S., contractor, 511 W. 9th, Wilmington, Del.  
 Tindel-Morris Co., milling machs., Eddystone, Pa.  
 Tingley, C. Wallace, stone, 720 31st, Milwaukee, Wis.  
 Tingley, Chas. O., & Co., carriage dressing, Rahway, N. J.  
 Tingley & Co., granite, 215 W. Exch., Providence, R. I.  
 Tingley, Frank E., plate glass, sash, door & blind mfr., Pawtucket, R. I.  
 Tingue, Brown & Co., felt mills, 118 E. 25th, New York.  
 Tingue Mfg. Co., plushes, Seymour, Conn.  
 Tinker, F., & Sons Co., forged steel rolls, 5687 Butler, Pittsburgh, Pa.  
 Tinker, Geo. F., corn brooms, New London, Conn.  
 Tinkhan, C. O., bean cleaners, Akron, N. Y.  
 Tinley Bros. Co., sash, door & blind mfrs., Brush & Nanticoke, Baltimore, Md.  
 Tinnerman Stove & Range Co., machsts. & fndrs., 2038 Fulton rd., Cleveland, O.  
 Tinsley Ry. Supplies & Equipment Co., McCormick Bldg., Chicago, Ill.  
 Tinsley, S. P., architect, Spartansburg, S. C.  
 Tinsman, M. L. & Co., slate blackboards, Pen Argyl, Pa.  
 Tioga Mill & Elev Co., cattle & poultry feed, Waverly, N. Y.  
 Tioga Steel & Iron Co., forgings, Philadelphia, Pa.  
 Tiona Oil Co., lubrg., Binghamton, N. Y.  
 Tiona Oil & Grease Co., 1702 N. Charles, Baltimore, Md.  
 Tiona Refining Co., lubrg. oils, Indianapolis, Ind.  
 Tiossem, R. P., & Son, flour mills, Ellensburg, Wash.  
 Tipless Lamp Co., Emporium, Pa.  
 Tipp Whip Co., Tippecanoe City, Ohio.  
 Tippet & Wood, steel tank mfrs., Phillipsburg, N. J.  
 Tippins, A. L., turpentine, Daisy, Ga.  
 Tippins, John W., turpentine, Altamaha, Ga.  
 Tips Fdry. & Mach. Co., Austin, Tex.  
 Tips Hardware Co., wholesale, San Antonio, Tex.  
 Tips, Walter, Co., masons' & bldrs.' matls.—whol. hdwe., Austin, Tex.  
 Tipton Canning Co., Tipton, Ia.  
 Tipton Cotton Mills, cotton sheetings, Covington, Tenn.  
 Tipton, Griffin & Tipton, fertilizer mfrs., Troup, Tex.  
 Tipton Hardware Co., Tipton, Ia.  
 Tipton & Mackey Mfg. Co., htg. contrs., 4948 Easton av, St. Louis, Mo.  
 Tirrell & Fournier, architects, 44 Bromfield, Boston, Mass.  
 Tirrill Gas Mach. Lighting Co., 103 Park av, New York.  
 Tischer, G. W., Co., whol. hdwe., Dayton, Ohio.  
 Tisdale Lumber Co., Ottumwa, Ia.  
 Tish, W. S., contractor, Coshocton, Ohio.  
 Tissier Hdw. Co., Selma, Ala.  
 Titan Copper Products Co., 376 Massachusetts av, Buffalo, N. Y.  
 Titan Metal Co., bronze rods, etc., Bellefonte, Pa.  
 Titanium Alloy Mfg. Co., Niagara Falls, N. Y.  
 Titchener-Culver Iron Wks., machsts. & fndrs., Oneonta, N. Y.  
 Titchener, E. H., & Co., wire workers, etc., Binghamton, N. Y.  
 Tittle, C. L., htg. contrs., Blairsville, Pa.  
 Titus & Bowne, masons' & bldrs. matls., Glen Cove, N. Y.  
 Titus, Cutler, bldg. contr., 70 Murray, Lynn, Mass.  
 Titus, E. E., machst. & fndr., Petersburg, Va.  
 Titus & Hicks, buckwheat flour, Battle Creek, Mich.  
 Titus, John E., architect, Newton Upper Falls, Mass.  
 Titus Mach. Co., Marion, Ohio.  
 Titus, Thurlow, machst. & fndr., Coldwater, Mich.  
 Titusville Forge Co., Titusville, Pa.  
 Titusville Handle Co., Titusville, Pa.  
 Titusville Iron Co., machsts. & fndrs., Titusville, Pa.  
 Titusville Oil Wks., petroleum, Titusville, Pa.  
 Tivy, Lawrence, htg. contr., 13 Platt, New York.  
 Tobacco Leaf Pub. Co., 198 B'way, New York.  
 Tobey, Curtis & Co., architects, Tucson, Ariz.  
 Tobey Lime Co., West Stockbridge, Mass.  
 Tobey, Samuel E., architect, 101 Milk, Boston, Mass.  
 Tobey, W. A., architect, Falmouth, Mass.  
 Tobias & Sheridan, common brick, Hamburg, Pa.  
 Tobin, Richard L., Co., contractors, East Orange, N. J.  
 Tobin, T. M., & Bros. Co., masons' & bldrs.' matls., 9326 S. Chicago av, Chicago, Ill.  
 Tobler & Co., bolting cloth importers, 35 So. William, New York.  
 Toburen & Co., masons' & bldrs.' matls., Clebourne, Kan.  
 Toccoa Cotton Mills, Toccoa, Ga.  
 Toch Bros., damp resisting paints, 320 5th av., New York.  
 Tocha, Anton A., architect, 1225 N. Ashland av, Chicago, Ill.  
 Tockwotten Co., buttons, upholsters' tacks, Providence, R. I.  
 Tod-Stambaugh Co., iron ores, 601 Perry-Payne, Cleveland, Ohio.  
 Tod, Wm., Co., So. Phelps, Youngstown, Ohio.  
 Todaro, Vincent S., architect, 1812 W. 8th, Brooklyn, N. Y.  
 Todd, A. M., Co., essential oils, Kalamazoo, Mich.  
 Todd Bros., machinists, Ottawa, Ohio.  
 Todd & Co., salt mfrs., 407 E. 8th, New York.  
 Todd Construction Co., Wabash, Ind.  
 Todd-Donigan Iron Co., whol. hdwe., 813 W. Main, Louisville, Ky.  
 Todd, E. R., masons' & bldrs.' matls., Saratoga Springs, N. Y.  
 Todd, Edw., & Co., gold pens, 1 W. 34th, New York.  
 Todd, Harold B., pianos, 1431 Brown, Philadelphia, Pa.  
 Todd, J., & Co., contractors, 1 S. La Salle, Chicago, Ill.  
 Todd, Jas., contractor, Newburgh, N. Y.  
 Todd, Jas. E., contractor, 546 State, New Haven, Conn.  
 Todd, John H. L., steel importer, 50 Broad, New York.  
 Todd & Lyons, contractors, Coupeville, Wash.  
 Todd Mfg. Co., automobile dashes, 820 Mary pl, Minneapolis, Minn.  
 Todd Protectograph Co., check protectors, 1050 University av, Rochester, N. Y.  
 Todd, Simmons & Todd, architects, Charleston, S. C.  
 Todd Shipyards Corp., shipbuilders, 15 Whitehall, New York.  
 Toddhunter, H. H., architect, Hayden Bldg., Columbus, Ohio.  
 Toddhunter & Edmondson Co., sash, door & blind mfrs., Peoria, Ill.  
 Todt & Peters, iron, 322 Main, San Francisco, Cal.  
 Toepfer, Frank, Sons, gas engines, gears, 460 Nat. av, Milwaukee, Wis.  
 Toepfer, W., & Sons, machsts. & fndrs., 193 B'way, Milwaukee, Wis.  
 Toepke, Will H., architect, 46 Kearny, San Francisco, Cal.  
 Toerring, C. J., Co., blue prints & papers & lamps, 2121 Toronto, Philadelphia, Pa.  
 Toft, M. J., Constr. & Realty Co., Benoist Bldg., St. Louis, Mo.



- Tofte Boiler & Sheet Iron Wks., Houston, Tex.  
 Tognarelli & Voigt Co., archt. modelers, 1743 N. 12th, Phila., Pa.  
 Tokheim Mfg. Co., gasoline tanks, Cedar Rapids, Ia.  
 Tolan, V. S., architect, Arcade Bldg., Fort Wayne, Ind.  
 Toland & Son, mach. knives, saws, Front & Low, Baltimore, Md.  
 Toledano, Wogan & Bernard, architects, Perrin Bldg., New Orleans, La.  
 Toledo Art Glass & Mirror Works, Toledo, Ohio.  
 Toledo Battery Co., Toledo, Ohio.  
 Toledo Belting Co., Toledo, Ohio.  
 Toledo Bending Co., carriage bows, hubs, rims, etc., Toledo, Ohio.  
 Toledo Box Co., Toledo, Ohio.  
 Toledo Brass & Novelty Works, Toledo, Ohio.  
 Toledo Brick & Tile Co., Toledo, Ohio.  
 Toledo Bridge & Crane Co., 2500 Dorr, Toledo, Ohio.  
 Toledo Builders' Supply Co., Spitzer Bldg., Toledo, Ohio.  
 Toledo Button Machine Co., 3440 Summit av, Toledo, Ohio.  
 Toledo Cable Co., 506 St. Clair, Toledo, Ohio.  
 Toledo Carriage Woodwork Co., Toledo, Ohio.  
 Toledo Chandelier Mfg. Co., Toledo, Ohio.  
 Toledo Cooker Co., Toledo, Ohio.  
 Toledo Desk & Fixture Co., Toledo, Ohio.  
 Toledo Drill & Tool Co., Toledo, Ohio.  
 Toledo Fibre Package Co., Toledo, Ohio.  
 Toledo-Findlay Tire & Rubber Co., Findlay, Ohio.  
 Toledo Foundry & Machine Co., Toledo, Ohio.  
 Toledo Furnace Co., Toledo, Ohio.  
 Toledo Grain & Milling Co., Toledo, Ohio.  
 Toledo Indicating Level Co., 1348 Nicholas blvd., Toledo, Ohio.  
 Toledo Machine & Tool Co., Toledo, Ohio.  
 Toledo Mfg. & Supply Co., Toledo, Ohio.  
 Toledo Mattress Factory, Toledo, Ohio.  
 Toledo Metal Furniture Co., Toledo, Ohio.  
 Toledo Metal Manufactures Co., steel pipe, etc., Toledo, Ohio.  
 Toledo Metal Wheel Co., Toledo, Ohio.  
 Toledo Pipe Threading Machine Co., 1440 Summit, Toledo, Ohio.  
 Toledo Plate & Window Glass Co., Toledo, Ohio.  
 Toledo Pulp Plaster Co., masons' & bldrs.' matls., Toledo, Ohio.  
 Toledo Rubber Co., Toledo, Ohio.  
 Toledo Saw & Supply Co., Toledo, Ohio.  
 Toledo Scale Co., Toledo, Ohio.  
 Toledo Screw Products Co., bolts, nuts, screws, etc., Toledo, O.  
 Toledo Screw & Stamping Co., Toledo, Ohio.  
 Toledo Shipbuilding Co., dry docks, Front, Toledo, Ohio.  
 Toledo Steel Barrel Co., Toledo, Ohio.  
 Toledo Steel Castings Co., Toledo, Ohio.  
 Toledo Stone & Glass Sand Co., Toledo, Ohio.  
 Toledo Stove & Range Co., mfrs., Toledo, Ohio.  
 Toledo Sugar Co., Toledo, Ohio.  
 Toledo Univ. Industl. Science, engng. schools & coll., Toledo, O.  
 Toledo Wheelbarrow Co., 2400 B'way, Toledo, Ohio.  
 Toledo Wire & Iron Works, Toledo, Ohio.  
 Tolerton, I. G., & Son, masons' & bldrs.' matls., Alliance, Ohio.  
 Toles, W. C., Co., machsts., 4034 N. Tripp av, Chicago, Ill.  
 Tolhurst Machine Works, hydro-extractors, metal dryers, etc., Troy, N. Y.  
 Toliver, L. H., machinist, Abilene, Kan.  
 Tolland, J. W., machinist, 231 Chestnut, St. Louis, Mo.  
 Tolles, J. H., & Co., lbr., Nashua, N. H.  
 Tollner's, Chas., Sons Co., lock corner & pencil boxes, Pulaški, N. Y.  
 Tolman, J. H., contractor, Seattle, Wash.  
 Tolman Mfg. Co., welding & cutting apparatus, 19 W. 3rd, Boston, Mass.  
 Toltec Mexican Oil Co., 90 West, New York.  
 Tomahawk Pulp & Paper Co., Tomahawk, Wis.  
 Tomahawk Steel & Iron Works, machsts. & fndrs., Tomahawk, Wis.  
 Tomaka Land Co., turpentine, De Land, Fla.  
 Tomaselli, Louis, architect, St. Anthony, Idaho.  
 Tomasello, C., Antonio G., & Co., contractors, 69 Gibson, Boston, Mass.  
 Tomassetti & Di Marco Constr. Co., contractors, Meriden, Conn.  
 Tomato Products Co., canned goods, Paoli, Ind.  
 Tombigbee Cotton Mills, bags, sheeting & cotton wks., Columbus, Miss.  
 Tomcheck, A. C., contrs., Manitowoc, Wis.  
 Tomkins Bros., masons' & bldrs.' matls., 74 Passaic, Newark, N. J.  
 Tomkins, Calvin, masons' & bldrs.' matls., 30 Church, New York.  
 Tomkins Cove Stone Co., Tomkins Cove, N. Y.  
 Tomkins-Cristy Hardware Co., Telluride, Colo.  
 Tomkins, H. H., Hardware Co., Leadville, Colo.  
 Tomkins, Lewis H., Hardware Co., Aspen, Colo.  
 Tomkinson, Kenyon & Tomkinson Co., mill feed, Honeoye Falls, N. Y.  
 Tomlin-Harris Machine Co., Cordale, Ga.  
 Tomlin Sheet Metal Wks., cornices & skylights, Seattle, Wash.  
 Tomlinson, Harry C., architect, 917 Melrose av, Trenton, N. J.  
 Tomlinson, Henry W., architect, 64 E. Van Buren, Chicago, Ill.  
 Tomlinson, John H., architect, 64 East Van Buren, Chicago, Ill.  
 Tomlinson Mfg. Co., sheet metal stamping, Canton, Ohio.  
 Tompkins Bros. Co., machinists, Troy, N. Y.  
 Tompkins, John Almy, architect, 20 W. 43d, New York.  
 Tompkinskiel Marble Co., 505 Fifth av, New York.  
 Tompson, Fred'k A., architect, Y. M. C. A. Bldg., Portland, Me.  
 Tom's & Blair Sheet Metal Co., San Diego, Cal.  
 Toms, John J., contractor, Bredeis Bldg., Omaha, Neb.  
 Tomson, P. C., & Co., soap & soap powders, 29 Washington av, Philadelphia, Pa.  
 Ton-A-Ford Truck Co., Racine, Wis.  
 Tonawanda Advtg. Co., Tonawanda, N. Y.  
 Tonawanda Board & Paper Co., Tonawanda, N. Y.  
 Tonawanda Iron & Steel Co., blast furnaces, North Tonawanda, N. Y.  
 Tonella & Sons, granite, Milford, N. H.  
 Tongue, R. E., & Bros. Co., oil cans, Allegheny av & Amber, Philadelphia, Pa.  
 Tonk Mfg. Co., music cabinets, 2028 Clybourn av, Chicago, Ill.  
 Tonk, Wm., & Bro., pianos, 456 10th av, New York.  
 Tonks Bros., buttons, 237 High, Newark, N. J.  
 Tonnsen, E. B., Co., cornices, 1131 Harmon, Milwaukee, Wis.  
 Toohey, M. J., & Co., mill & facty. supplies, Fall River, Mass.  
 Tooker, E. Post, landscape architect, 101 Park av, New York.  
 Tooker & Marsh, architects, 101 Park av, New York.  
 Tool, Steel, Gear & Pinion Co., Township av, Elmwood pl, Cincinnati, Ohio.  
 Toole & Sunderlin, dock bldrs., Warren Bldg., Bridgeport, Conn.  
 Toole, W. B., masons' & bldrs.' matls., Augusta, Ga.  
 Toole, W. L., Co., mill & facty. supplies—whol. hdwe., 180 Main, Pawtucket, R. I.  
 Toomey, Frank, machy. dlrs., 127 N. 3d, Philadelphia, Pa.  
 Toomey, S., Co., carriages, Dover, Ohio.  
 Toop, Geo. H., Iron Works, 9 Canal pl, New York.  
 Toot, Neal & Co., mill & facty. supplies, 178 Main, Buffalo, N. Y.  
 Top Notch Co., Inc., canvas shoes mfrs., College Point, Long Island, N. Y.  
 Topanelian, Edward, architect, 340 Main, Worcester, Mass.  
 Topeka Bridge & Iron Co., Topeka, Kans.  
 Topeka Flour Mill Co., Topeka, Kans.  
 Topeka Foundry & Mfg. Co., Topeka, Kans.  
 Topeka Steam Boiler Works, Topeka, Kans.  
 Topeka Tent & Awning Co., Topeka, Kans.  
 Topeka Vitriified Brick & Tile Co., Topeka, Kans.  
 Topp, G. A., & Co., framing tools, Indianapolis, Ind.  
 Topp, O. M., architect, Jenkins Bldg., Pittsburgh, Pa.  
 Toppan Boat Mfg. Co., motor boat, 37 Haverhill, Boston, Mass.  
 Topper Bros., scrap rubber, Kimball & Mitchell, Columbus, O.  
 Topper Distilling Co., New Baltimore, Pa.  
 Topper & Edelmann, bristles & horse & badger hair, 525 Stone av, Brooklyn, N. Y.  
 Topping Bros., whol. hdwe., 122 Chambers, New York.  
 Topton Foundry Co., Topton, Pa.  
 Torber, A. C., Equipment Co., steam shovels, 208 S. La Salle, Chicago, Ill.  
 Torbitt, A. N., architect, Landers Bldg., Springfield, Mo.  
 Torkelson & Hesterman, contractors, Merrill, Wis.  
 Tormey, Francis E., architect, 813 Newington av, Baltimore, Md.  
 Toronto Fire Clay Co., Toronto, Ohio.  
 Toronto Foundry & Machine Co., Toronto, Ohio.  
 Torrance, John, & Son, machsts. & fndrs., La Crosse, Wis.  
 Torrance Mfg. Co., machsts., Harrison, N. J.  
 Torrains Mfg. Co., mill & facty. supplies—whol. hdwe., Jefferson, Tex.  
 Torrence, Archibald, contractor, Norwich, Conn.  
 Torrey Bros. Co., wagon jacks, stable forks, etc., Central Village, Conn.  
 Torrey Cedar Co., ties, poles, etc., Clintonville, Wis.  
 Torrey, J. A., soap, Rockland, Mass.  
 Torrey, J. R., Razer Co., Worcester, Mass.  
 Torrey Roller Bushing Works, marine hdwe., engines, etc., Bath, Me.  
 Torrington Bldg. Co., general building contractors, Torrington, Conn.  
 Torrington Mfg. Co., machsts., Torrington, Conn.  
 Torsch Packing Co., canned goods, Lawrence & Clement, Baltimore, Md.  
 Torsion Balance Co., scales, 92 Reade, New York.  
 Torsion Nut Lock & Washer Co., nut lock & washer mfrs., 141 Milk, Boston, Mass. *See adv index at end of book.*  
 Toscani, J. L., Co., marble, floor & glass mosaics, etc., 930 E. 178th, New York.  
 Tothill, W. S., playground equipment, 1815 Webster av, Chicago, Ill.  
 Totten, F. E., & Sons, electro plating, 97 Cliff, New York.  
 Totten, G. Oakley, Jr., architect, 808 17th, N. W., Washington, D. C.  
 Tottenville Copper Co., brass ingots, smelters & refiners, Bedell, Tottenville, N. Y.  
 Tottle, Wm. A., & Co., brush mfrs., Baltimore, Md.  
 Totty Trunk & Bag Co., trunk mfrs., Petersburg, Va.  
 Tough, Edward, architect, Madison, Wis.  
 Toubill Iron Works, machsts. & fndrs., Scranton, Pa.  
 Toulouse & Delorieux, machinists, 409 6th, San Francisco, Cal.  
 Toupet, Beil & Conley, contractors, 5931 Penn av, Pittsburgh, Pa.  
 Toupin, Joseph, contractor, Manchester, N. H.  
 Tourison, Ashton S., Sr., contractor, 7014 Boyer, Germantown, Philadelphia, Pa.  
 Tourlson, Bart., architect, Land Title Bldg., Philadelphia, Pa.  
 Tourroff & Karp, contractors, 83 Sunswick, Long Island City, N. Y.



- Tourtellotte & Hummel, architects, Rothschild Bldg., Portland, Ore., & Boise, Idaho.
- Tousey Varnish Co., 520 W. 25th, Chicago, Ill.
- Tousley, Chas. E., architect, 4500 Euclid av., Cleveland, Ohio.
- Tower, A. J., Co., oiled clothing, 18 Simmons, Boston, Mass.
- Tower-Binford Elec. & Mfg. Co., wire connectors, Richmond, Va.
- Tower Bros., machsts. & fndrs., Hudson, Mass.
- Tower, D. H., architect, Dalton, Mass.
- Tower Grove Foundry Co., 4444 Hunt av., St. Louis, Mo.
- Tower Grove Quarry & Const. Co., contrs., 5927 Fyler av., St. Louis, Mo.
- Tower, J. D., & Sons Co., agr'l implts., Mendota, Ill.
- Tower, Jas. H., Iron Works, 50 Borden, Providence, R. I.
- Tower Mfg. Co., galvanizing works, Madison, Ind.
- Tower Mfg. & Nov. Co., pads, inks, 326 Broadway, New York.
- Tower Motor Truck Co., Greenville, Mich.
- Tower, R. J., Iron Works, machsts. & fndrs., Greenville, Mich.
- Tower Sylvester Co., ivory goods, Cambridge, Mass.
- Tower Varnish & Dryer Co., Dayton, Ohio.
- Towers, Jos., brick, New Britain, Conn.
- Towers, L. B., canned goods, Denton, Md.
- Towers & Sullivan Mfg. Co., agr'l implts., Rome, Ga.
- Towes-Gibson Packing Co., canned goods, Crisfield, Md.
- Towle, F. S., Co., boxes, signs, toys, etc., 332 Broadway, New York.
- Towle Mfg. Co., table silverware, Newburyport, Mass.
- Town Scientific School, engng. schools & coll., Phila., Pa.
- Town, Wm. L., architect, Poultney, Vt.
- Townell, Hewson, Sr. & Son, brick, Plainfield, Ill.
- Towner & Co., mill & facty. supplies, Memphis, Tenn.
- Towner Hardware Co., Muskegon, Mich.
- Towner, Jay F., & Sons, canned goods, Perryman, Md.
- Towner, K. MacM., architect, Asbury Park, N. J.
- Towner, Wm. T., architect, 366 5th av., New York.
- Towney Metal & Hardware Co., 2d & S. W. cor. Walnut, Kansas City, Mo.
- Townley, C. E., masons' & bldrs.' matls., 149 Vernon av., Newark, N. J.
- Townley Metal & Hardware Co., 2d, S. W. cor. Walnut, Kansas City, Mo.
- Townsend, A. W., cornices & skylights, 20 S. 2d av., Minneapolis, Minn.
- Townsend, C. C. & E. P., Co., machsts., New Brighton, Pa.
- Townsend, C. F., architect, 129 Church, New Haven, Conn.
- Townsend, Chas., & Bro., glue, gelatine, 276 Pearl, New York.
- Townsend Co., nails, rivets, wire, etc., New Brighton, Pa.
- Townsend, David, engineer, 1716 Spring Garden, Phila., Pa.
- Townsend, F. M., contractors, Zanesville, Ohio.
- Townsend & Fleming, landscape architects, Prudential Bldg., Buffalo, N. Y.
- Townsend Foundry & Machine Shop Co., chemical castings, etc., Broadway & Rensselaer, Albany, N. Y.
- See adv index at end of book.*
- Townsend, Frank M., contractor, Zanesville, Ohio.
- Townsend, Fred J., machst., Painted Post, N. Y.
- Townsend Furnace & Machine Co., chemical castings, etc., Broadway & Rensselaer, Albany, N. Y.
- See adv index at end of book.*
- Townsend, G. C., rivets, Winchendon, Mass.
- Townsend, G. E., architect, Dallas, S. D.
- Townsend, H. C., Cotton Mills, cotton twine, Anderson, S. C.
- Townsend, H. P., Mfg. Co., drilling & riveting machines, Hartford, Conn.
- Townsend Iron Works, marine boilers, 2 Erie Basin, Brooklyn, N. Y.
- Townsend, J. E. (Est. of), blankets (woolen), Milton Mills, N. H.
- Townsend, J. G., & Co., Jr., canned goods, Selbyville, Del.
- Townsend, J. W., turpentine, Lake Butler, Fla.
- Townsend, Jas., & Son, canned goods, Masten, Del.
- Townsend Marine Railway & Const. Co., dry docks, Boothbay Harbor, Md.
- Townsend, Otis M., contractor, Ocean City, N. J.
- Townsend, S. P., & Co., machsts., Orange, N. J.
- Townsend, Steinle & Haskell, architects, 1328 B'way, New York.
- Townsend, Thos., textile machy., 157 Orange, Providence, R. I.
- Townsend, Townsend & Co., marble, steel chilled shot, 453 W. 21st, New York.
- Townsend, W. C., & Co., granite producers, Zanesville, Ohio.
- Townsend's, Jno., Sons, mill & facty. supplies, Rome, N. Y.
- Townsley Mfg. Co., lightning rods, 1315 S. E. 4th, Minneapolis, Minn.
- Towsley, John T., Mfg. Co., wood working machinery, 1037 Evans, Cincinnati, Ohio.
- Toy, N. M., & Co., masons' & bldrs.' matls., 10 E. Shelby, Sidney, Ohio.
- Toy Tinkers, Evanston, Ill.
- Toy, W. M., & Co., street scrapers, etc., 10 E. Shelby, Sidney, O.
- Tozer, David, Co., lumber, Stillwater, Minn.
- Tozzi Mfg. Co., stamping dies, 352 Pearl, New York.
- Traber, Oliver R. S., architect, Fullerton Bldg., St. Louis, Mo.
- Trabern Pump Co., Rockford, Ill.
- Trabold Truck Mfg. Co., Johnstown, Pa.
- Trachsel, John C. F., steam htg. contr., 230 Arch, Philadelphia, Pa.
- Trachte Bros. Co., tanks, cornices, heaters, Madison, Wis.
- Track Necessities Co., rail sawing machines, 343 S. Dearborn, Chicago, Ill.
- Trackless Trolley Co. of Am., 30 Church, New York.
- Traction Lubrg. Co., Chicago Heights, Ill.
- Traction Materials Co., trolley line mtls., 501 5th av., New York.
- Tracy Bros. Co., contractors, masons' & bldrs.' matls., Waterbury, Conn.
- Tracy, C. Oscar, machsts. & fndrs., Norwich, Conn.
- Tracy, E. Page, architect, 838 Ackerman av. & 512 S. Course, Syracuse, N. Y.
- Tracy Engineering Co., Sheldon Bldg., San Francisco, Cal.
- Tracy, Frank, mill & facty. supplies, 202 Centre, New York.
- Tracy, Jos., dynamometers, 1786 B'way, New York.
- Tracy, Lewis E., Co., mill & facty. supplies, 127 Broad, Boston, Mass.
- Tracy, M. M., ties, poles, Stacyville, Me.
- Tracy & Metcalf, contractors, Augusta, Me.
- Tracy, P. M., brick, Arcata, Cal.
- Tracy, Robinson & Williams Co., mill & facty. supplies, whol. hdwe., 78 Asylum, Hartford, Conn.
- Tracy & Swartwout, architects, 244 5th av., New York.
- Trade Mark Record, trade publication, 31 Nassau, New York.
- Trader, E. N., cornices, McKeesport, Pa.
- Traders Box & Lbr. Co., Rochester, N. Y.
- Tradesman, The Publishing Co., Chattanooga, Tenn.
- Traeger, Chas. W., architect, 107 Hurlburt, Peoria, Ill.
- Trafford, Thos. C., contractor, 1630 Sansom, Philadelphia, Pa.
- Trafton, F. M., Co., metal polish, 176 Federal, Boston, Mass.
- Trafton, G. A., & Son, flour, Watsonville, Cal.
- Trafzer, J. W., architect, Mason City, Ia.
- Trager, Frank A., cornices & skylights, Sterling, Ill.
- Trageser, John, Steam Copper Wks., 447 W. 26th, New York.
- Tragle Mfg. Co., hardware (whol.), Reading, Pa.
- Train & Williams, architects, Exchange Bldg., Los Angeles, Cal.
- Trainer Bros. Lumber Co., Loomis S. of 22d, Chicago, Ill.
- Trainer, C. W., Mfg. Co., packing, roofing, etc., 55 High, Boston, Mass.
- Trainer, Walter L., Co., varnish mfrs., 3319 N. 12th, Phila., Pa.
- Trainer's, O. J., Son, sashes, doors & blinds, New Iberia, La.
- Traitel Marble Co., Webster av & E. R., Long Island City, N. Y.
- Trammel Co., carriage wheels, Gallatin, Tenn.
- Trammell & Son, brick, Rome, Ga.
- Tramp Bros., brick, Creston, Ia.
- Tramp & Tramp, brick, Audubon, Ia.
- Tranchina, D. J., contractor, New Orleans, La.
- Trane Co., vapor system heating, La Crosse, Wis.
- Transatlantic Chemical Corp., toluidine, 80 Wall, New York.
- Transfer Lumber & Shingle Co., North Tonawanda, N. Y.
- Transfer Stained Shingle Co., North Tonawanda, N. Y.
- Translucent Window Sign Co., transfer ornaments, 118 E. 28th, New York.
- Transmission Ball Bearing Co., 32 Wells, Buffalo, N. Y.
- Transmission Machinery Co., 1146 Schopt, New Orleans, La.
- Transo Envelope Co., 735 W. Division, Chicago, Ill.
- Transport Tractor Co., traction engines, 93 Sunswick, L. I. City, N. Y.
- Transue & Williams Steel Forgings Corp., covers, Alliance, Ohio.
- Trant, John C., plate glass, Hartford, Conn.
- Trant, John H., Jr., lumber mfrs., Norfolk, Va.
- Tranter Mfg. Co., machsts. & fndrs., 105 Water, Pittsburgh, Pa.
- Traphagen & Hull Mfg. Co., sash, door & blind mfrs., Kingston, N. Y.
- Traphagen, O. G., architect, 244 California, San Francisco, Cal.
- Trapp, Daniel, contractor, Newport, Ky.
- Trapp & Kuehnle, machsts., 245 Pearl, New York.
- Trapp, Nicholas H., & Son, contractors, 17 Thames, New York.
- Trappe Canning Co., Trappe, Md.
- Trask Heating Co., pressure regulators, 4 Merrimac, Boston, Mass.
- Trask, J. A., & Son, contractors, Peabody, Mass.
- Traub, W. F., machsts., 912 Montrose av., Chicago, Ill.
- Traud, Alex., Co., machsts. & fndrs., 5 Main, Newark, N. J.
- Traud, Alex., & Sons, embossing machines, presses, 124 Polk, Newark, N. J.
- Trauger, Geo. H., contractor, Scranton, Pa.
- Traun Rubber Co., 337 B'way, New York.
- Trausch Bros., brick, Roseland, Neb.
- Traut, Thos., plumbers' supplies, jobbers, Hartford, Conn.
- Trauten & Dowell, htg. contrs., Aurora, Ill.
- Traux, Greene & Co., surgical instruments, 171 N. Wabash av., Chicago, Ill.
- Travelers Ins. Co., Hartford, Conn.
- Travelight Mfg. Co., bags & suit cases, 237 Lawrence, Phila., Pa.
- Traver, W. M., Co., canned goods, Hartford, Mich.
- Travers, G. W., & Co., toys, games & nov., 146 Chambers, New York.
- Travers, J. R., canned goods, Nanticoke, Md.
- Traverse City Brick Co., Traverse City, Mich.
- Traverse City Casket Co., Traverse City, Mich.
- Traverse City Iron Wks., Traverse City, Mich.
- Traverse City Refrigerator Co., Traverse City, Mich.
- Traverso, Louis, architect, 854 Union, San Francisco, Cal.
- Traves, Chas. A., machinist, Fresno, Cal.
- Travilla, M., machst., Quincy, Ill.
- Travis, D. W., Sons, fndrs., Athens, N. Y.
- Travis Glass Co., bottle, Clarksburg, W. Va.
- Travis & Oczko, mchsts. & fndrs., Johnstown, N. Y.
- Travis Stone Co., Hale Eddy, N. Y.
- Travora Mfg. Co., cotton flannels, Graham, N. C.



- Trax, Geo. H., contractor, Easton, Md.  
 Traylor Engng. & Mfg. Co., copper converters, Allentown, Pa.  
 Tread Co. (Ltd.), self-fluxing solder, Belmar, N. J.  
 Treadwell Construction Co., Midland, Pa. *See adv index at end of book.*  
 Treadwell Engineering Co., hydraulic press manfrs., Easton, Pa. *See adv index at end of book.*  
 Treadwell, M. H., Co., cars, machy., steel stacks, etc., 140 Cedar, New York.  
 Treadwell, M. H., Co. of Ill., rolling mill machy., blast furnace & steel works, 208 S. La Salle, Chicago, Ill.  
 Treas Lumber Co., Benton, Ky.  
 Treasure Stove Co., Gallipolis, Ohio.  
 Treat Hardware & Supply Co., Lawrence, Mass.  
 Trebert, H. L. F., Engine Works, Rochester, N. Y.  
 Trebing Mfg. Co., sash, door & blind, 1000 Center, N. W., Cleveland, Ohio.  
 Trede, John H., contractor, Bellingham, Wash.  
 Tredegar Co., rolling mills, Richmond, Va.  
 Tredennick, M. C., contractor, 331 Madison av, New York.  
 Tredway, A., & Sons Hardware Co., Dubuque, Ia.  
 Tredwell & Kraft, architects, Indiana Harbor, Ind.  
 Treece, W. C., & Co., hoists, (beef), Findlay, Ohio.  
 Treen Box Co., packing, Tioga & Memphis, Philadelphia, Pa.  
 Treen, John, Jr., contractor, Woodbridge, N. J.  
 Trefethen, D. A., castings, Taunton, Mass.  
 Trefethen, E. W., contractor, Portsmouth, N. H.  
 Trefethen, F. L., mill & factory supplies, Lynn, Mass.  
 Tregarthen, Jas., & Sons, Co., dry docks, ft. 7th, E. R., New York.  
 Trego Motors Corporation, aeronautical motor mfrs., Fox & Ferry, New Haven, Conn.  
 Tregoning Elec. Mfg. Co., plugs, receptacles, etc., Cleveland, O.  
 Treichel & Hyink, machsts., 679 E. Water, Milwaukee, Wis.  
 Treinis Bros., sporting goods, mfrs., 126 13th, Bklyn., N. Y.  
 Tremain, E. E., carriages, Stockton, Cal.  
 Tremaine, Wm. H., architect, Cham. of Com. Bldg., Columbus, O.  
 Treman, King & Co., mill & facty. supplies, wholesale hardware, Ithaca, N. Y.  
 Tremblay, Samuel J., architect, 21 High, East Hampton, Mass.  
 Tremont Architectural Co., 1910 Webster av, New York.  
 Tremont Lumber Co., Jonesboro & Winfield, La.  
 Tremont Nail Co., West Wareham, Mass.  
 Tremont & Suffolk Mills, shade cloth, blankets, etc., Lowell, Mass.  
 Trench, C. S., & Co., bar tin, spelter, 81 Fulton, New York.  
 Trench, Daniel G., & Co., mill & facty. supplies, 222 N. Wabash av, Chicago, Ill.  
 Trenk Wire Works, bank & office railings, Dubuque, Ia.  
 Trenkamp Stove & Mfg. Co., 9806 Quincy av, Cleveland, Ohio.  
 Trenkman, B., & Co., machsts., 106 N. 4th, Portland, Ore.  
 Trenle China Co., East Liverpool, Ohio.  
 Trent Bros., lbr. mfrs. & masons' & bldr.' matls., Danville, Ill.  
 Trent Engng. & Mach. Co., Salt Lake City, Utah.  
 Trent, L. C., Engineering Co., Los Angeles, Cal.  
 Trent Tile Co., Trenton, N. J.  
 Trenton Bone Fertilizer Co., Trenton, N. J.  
 Trenton Brass & Mach. Co., Trenton, N. J.  
 Trenton Elec. & Conduit Co., ground connection clamps, Trenton, N. J.  
 Trenton Engineering Co., machinists, Trenton, N. J.  
 Trenton Fertilizer Co., Trenton, S. C.  
 Trenton Fire Clay & Porcelain Co., potteries, Trenton, N. J.  
 Trenton Gas & Elec. Fixture Mfg. Co., Trenton, N. J.  
 Trenton Mach. Specialty Co., Trenton, N. J.  
 Trenton Malleable Iron Co., mchsts. & fndrs., Trenton, N. J.  
 Trenton Milling Co., flour, Trenton, Ill.  
 Trenton Pattern Works, Trenton, N. J.  
 Trenton Porcelain Co., electrical & mechanical porcelain specialties, Trenton, N. J.  
 Trenton Potteries Co., plumbers' sanitary earthenware mfrs., Trenton, N. J.  
 Trenton Sand & Gravel Co., Trenton, Ohio.  
 Trenton Scrap Rubber Supply Co., Trenton, N. J.  
 Trenton Smelting & Refining Co., Trenton, N. J.  
 Trenton Spring Mattress Co., Trenton, N. J.  
 Trescott, W. A., fruit evaporators, Fairport, N. Y.  
 Tressel, Jas. G., stone, Ada, Ohio.  
 Tresselt, C., & Sons, flour mills, Fort Wayne, Ind.  
 Tressing, E., & Co., hardware mfrs., 15 E. Lake, Chicago, Ill.  
 Trethaway Bros., tinware mfrs., Parsons, Pa.  
 Tretheway, Samuel, & Co. (Ltd.), shears, knives & cutters, 57th & Butler, Pittsburgh, Pa.  
 Treuchet, F. E., cornices, 33 Sanford, Springfield, Mass.  
 Trevey Bros., canned goods, Nace, Va.  
 Treviranus & Gardner, brick, Little Ferry, N. J.  
 Trevor Mfg. Co., mill & factory supplies, Lockport, N. Y.  
 Treworgy, Chas. J., lumber, Ellsworth Falls, Me.  
 Trexler Cooperage Co., Allentown, Pa.  
 Trexler Lumber Co., Allentown, Pa.  
 Trexler-Turrell Lumber Co., Noxen, Pa.  
 Treyz, G. H., & Co., wood alcohol, Binghamton, N. Y.  
 Treyz, G. I., wood alcohol, Cooks Falls, N. Y.  
 Triad Co., commuator compounds, Allenhurst, N. J.  
 Triangle Conduit Co., 52 Columbia Heights, Brooklyn, N. Y.  
 Tri-angle Mfg. Co., nut crackers & picks, Freeport, Ill.  
 Triangle Pennant Co., 160 N. 5th av, Chicago, Ill.  
 Tribe, Geo. T., architect, 306 Main, Worcester, Mass.  
 Tribble, A. L., Co., clothes lines, 59 Temple pl, Boston, Mass.  
 Tribble, E. S., architect, Henderson, Ky.  
 Tri-Bullion Smelting & Development Co., 10 Wall, New York.  
 Trice, W. T., & Bros., flour mills, Casscoe, Ark.  
 Tri City Button Co., Davenport, Ia.  
 Tri-City Construction Co., Davenport, Ia.  
 Tri-Color Sign Co., advertising signs, 4824 W. Lake, Royston, Ga.  
 Tri-County Fertilizer Co., Royston, Ga.  
 Triebel & Sons, stone products, Peoria, Ill.  
 Trieschman, Luther H., razor strops, Hartford, Conn.  
 Trifts, Charles W., architect, Vandergrift Bldg., Pittsburgh, Pa.  
 Trill Indicator Co., Corry, Pa.  
 Trilling, H., & Co., flaxseed, 1228 W. Arlington pl, Chicago, Ill.  
 Trimbach, Geo., wholesale hardware, Dayton, Ohio.  
 Trimble Brick Co., Trimble, Ga.  
 Trimble Coal Co., masons' & bldr.' matls., Paterson, N. J.  
 Trimble, John H., & Bro., contractors, 2022 Chateau, Pittsburgh, Pa.  
 Trimble & Lutz Supply Co., mill, mine, factory, plumbers' supplies, jobbers, 19th & Wood, Wheeling, W. Va.  
 Trimble, Mudge & Co., scrap iron & steel, Oliver Bldg., Pittsburgh, Pa.  
 Trimble Paving Brick Co., Trimble, Ohio.  
 Trimble, R. Maurice, architect, Ferguson blk, Pittsburgh, Pa.  
 Trimble, W. F., & Sons Co., contractors, 1719 Penn av, Pittsburgh, Pa.  
 Trimlett & Combilick, contrs., 608 S. B'way, Los Angeles, Cal.  
 Trimont Mfg. Co., wrenches, Amory av, Roxbury, Boston, Mass.  
 Trimount Rotary Power Co., mchsts. & fndrs., 18 Heath, Boston, Mass.  
 Triner Scale & Mfg. Co., 2714 W. 21st, Chicago, Ill.  
 Trini, A., & Co., machsts., 557 W. Adams, Chicago, Ill.  
 Trinidad Asphalt Mfg. Co., Title Guarantee Trust Bldg., St. Louis, Mo.  
 Trinidad Fndry. & Mach. Works, Trinidad, Colo.  
 Trinity Bell Elec. Mfg. Co., horns, 216 W. Kinzie, Chicago, Ill.  
 Trinity Construction Co., Dallas, Tex.  
 Trinity Cotton Oil Co., Dallas, Tex.  
 Trinity County Lumber Co., Groveton, Tex.  
 Trinity Portland Cement Co., Dallas, Tex.  
 Trinity River Lumber Co., Houston, Tex.  
 Trinkkeller, E., machinist, Los Angeles, Cal.  
 Trinley, J., & Sons, fertilizer mfrs., Linfield, Pa.  
 Trinn, Jno. & Co., roll coverers, Lowell, Mass.  
 Trio Mfg. Co., auto clutches, Bellevue & Warren avs, Detroit, Mich.  
 Trio Mfg. Co., cotton twine, Forsyth, Ga.  
 Trio Mfg. Co., elec. protectors, Rock Island, Ill.  
 Trio Mfg. Co., med. cabinets & desk mfrs., Cleveland, Ohio.  
 Trion Co., cotton sheeting, Trion, Ga.  
 Trion Toy Co., B'way & Bedford av, Brooklyn, N. Y.  
 Triple "A" Machine Co., floor scraping & surfacing machines, 4121 Ravenswood av, Chicago, Ill.  
 Triple S. Mach. Co., loose leaf devices, 1013 Wellington, Chicago, Ill.  
 Triple Sign Co., Connersville, Ind.  
 Tripod Paint Co., Atlanta, Ga.  
 Tripoli Canning Co., Tripoli, Ia.  
 Tripp, A. F., landscape architect, 44 College, Providence, R. I.  
 Tripp Bros., masons' & bldr.' matls., Greenview, Ill.  
 Tripp & Co., elec. signs, 33 N. 5th av, Chicago, Ill.  
 Tripp Co., whol. hdwe., North Vernon, Ind.  
 Tripp, Frank S., machsts. & fndrs., New Bedford, Mass.  
 Tripp & Tennant, lbr., Short Falls, N. H.  
 Tripp, W. E., & Co., ties, poles & posts, Job, Ky.  
 Tripper Bros., contractors, Peru, Ind.  
 Tri-State Builders' Supply Co., Memphis, Tenn.  
 Tri-State Casket Co., Kendallville, Ind.  
 Tri-State College, engng. schools & coll., Angola, Ind.  
 Tristram, Jas. J., riddles, Rockville Centre, N. Y.  
 Tritch, Geo., Hardware Co., Denver, Colo.  
 Triton Phonograph Co., talking machs., 195 Av A, New York.  
 Tritt China Co., Niles, Ohio.  
 Tritt Elec. Co., storage battery charging sets, Union City, Ind.  
 Triumph Adding Mach. Co., 78 Smith, Brooklyn, N. Y.  
 Triumph Couch Bed Co., mattresses, 8 Bartlett sq., Boston, Mass.  
 Triumph Electric Co., adjustable speed motors, South Oakley, Cincinnati, A. *See adv index at end of book.*  
 Triumph Ice Machine Co., Oakley, Cincinnati, Ohio.  
 Triumph Laundry Machy. Co., Hamilton, Ohio.  
 Triumph Liquid Soap Co., Grinnell, Iowa.  
 Triumph Mfg. Co., bakers' machinery, Spring Grove av, Cincinnati, Ohio.  
 Triumph Mfg. Co., machsts., 500 Delaware, Kansas City, Mo.  
 Triumph Motor Car Co., 3308 Sheffield av, Chicago, Ill.  
 Triumph Trap Co., Inc., animal traps, Oneida, N. Y.  
 Triumph Visible Typewriter Co., 13 Pk. row, New York  
 Triumphator Calculating Mach. Co., 81 New, New York  
 Troegerlith Tile Co., 103 Park av, New York.  
 Troemmer Hy., meat choppers & slicers & scales, 911 Arch, Philadelphia, Pa.  
 Troike Muffler & Mfg. Co., Loraine, O.  
 Trojan Button Fastener Co., Troy, N. Y.  
 Trojan Coal Co., masons' & builders' matls., Troy, O.  
 Trojan Electric Steel Co., 34th & Hoyne av, Chicago, Ill.



- Trojan Glass Cutter Works, 330 W. Kinzie, Chicago, Ill.  
 Trolinger & Montgomery, brick, Haw River, N. C.  
 Trolley Supply Co., Canton, Ohio.  
 Trombley Jos. & Son, contractors, North Andover, Mass.  
 Trompeter, Jos., contractors, Peru, Ill.  
 Tropenas Converter Co., steel casing converts, 2243 Nostrand av, Brooklyn, N. Y.  
 Tropical Paint & Oil Co., W 70th, Cleveland, O.  
 Trost, Robert, contractor, 26th & Howard, San Francisco, Cal.  
 Trost & Trost, architects, Mills Bldg., El Paso, Tex.  
 Trostel, A., & Sons Co., mill & facty. supplies, 612 Commerce, Milwaukee, Wis.  
 Trostel, Geo. H., lime, York Springs, Pa.  
 Trotman Mfg. Co., fertilizer mfrs., Churchland, Va.  
 Trott, J. A. & Sons, brick, Eldon, Iowa.  
 Trotter, E. T., & Co., paints, insulating compounds, etc., 602 Johnson av, New York.  
 Trotter Lumber Co., Toledo, Ohio.  
 Trotter, Nathan & Co., antimony, bismuth, pig lead, etc., 36 N. Front, Philadelphia, Pa.  
 Trounson, J., contractor, 121 5th, San Francisco, Cal.  
 Troup Co., acid phosphate, La Grange, Ga.  
 Trout, Chas. W., contractor, Madison av, Columbus, Ohio.  
 Trout, Geo. W. & Co., who. h'dwe., 17 E. Lake, Chicago, Ill.  
 Trout, H. G. Co., engines, Buffalo, N. Y.  
 Trout, H. Clifton, architect, St. Girard Bldg., Philadelphia, Pa.  
 Trout & Hine Mfg. Co., machsts., New Britain, Conn.  
 Trout, Jno., & Co., stone producers, Chattanooga, Tenn.  
 Troutman, C. E., architect, Aberdeen, Wash.  
 Trow & Holden Co., tools—paving, granite & stone cutters, Barre, Vt.  
 Trowbridge & Ackerman, architect, 62 W. 45th, New York & Ohio Bldg., Akron, Ohio.  
 Trowbridge & Livingston, architects, 527 5th av, New York.  
 Trowbridge Piano Co., 120 Boylston, Boston, Mass.  
 Trowbridge, S. D., architect, Grant Bldg., Atlanta, Ga.  
 Troxel Mfg. Co., bicycle parts & sundries, Elyria, O.  
 Troy Auto. Spec. Co., horns, gas igniters, &c., Troy, N. Y.  
 Troy Belting & Supply Co., belting, mill & factory supplies, 6-8 Grand, Troy, N. Y.  
 Troy Blanket Mills, Troy, N. Y.  
 Troy Brick Co., Northern Tpk., Troy, N. Y.  
 Troy Bros., hot air furnaces, Indianapolis, Ind.  
 Troy Bros. & Co., plumbers' marble wk., 975 Mass av, Rox, Boston, Mass.  
 Troy Carriage Sun Shade Co., mechanics' aprons, Troy, Ohio.  
 Troy Carriage Wks., Troy, N. Y.  
 Troy Cast Iron Brazing Co., Troy, N. Y.  
 Troy Cold Water Kalsomine Co., Troy, N. Y.  
 Troy Elec'l Co., Troy, N. Y.  
 Troy Engine & Mach. Co., machsts. & fndrs., Troy, Pa.  
 Troy File Works, files, scrapers, etc., Congress, Troy, N. Y.  
 Troy Fireproofing Co., Troy, N. Y.  
 Troy Laundry, machinists, Troy, N. Y.  
 Troy Laundry Machinery Co., Ltd., La Salle & 23d, Chicago, Ill.  
 Troy Malleable Iron Wks. of Eastern Mall. Iron Co., fndrs., Troy, N. Y.  
 Troy Mfg. Co., auto. metal bodies, Troy, Ohio.  
 Troy Milling Co., flour, Troy, N. C.  
 Troy Nickel Works, stove trimmings, Albany, N. Y.  
 Troy Oil Mill Co., cottonseed meal, Troy, S. Car.  
 Troy Press Brick Co., Troy, Ill.  
 Troy Public Works Co., contrs., Utica City Nat. Bk. Bldg., Utica, N. Y.  
 Troy Roller Mills, flour, Troy, Tenn.  
 Troy Rubber Stamp Wks., Troy, N. Y.  
 Troy, S. B., Co., contractors, 88 Broad, Boston, Mass.  
 Troy Scrap Iron & Metal Co., Troy, N. Y.  
 Troy Spring Works, Troy, N. Y.  
 Troy Stamping Works, metal stamping, Troy, N. Y.  
 Troy, Thos., contractor, Olean, N. Y.  
 Troy Tile & Brick Co., Troy, Ohio.  
 Troy Veneer & Crate Co., Troy, Ala.  
 Troy Wagon Works Co., 100 E. Race, Troy, Ohio.  
 Troy Waste Mfg. Co., Troy, N. Y.  
 Troy White Granite Co., Worcester, Mass.  
 Troy Wire Goods Co., Troy, N. Y.  
 Troy Woven Wire Spring Co., mattresses, Troy, N. Y.  
 Truax Mfg. Co., self-oiling wheels, 1117 Wazel, Denver, Colo.  
 Truby Coal Co., masons' & bldrs' matls., Painesville, Ohio.  
 Truckee Lumber Co., National Bank Bldg., San Francisco, Cal.  
 Trudden, M., stone producers, wkrs. & dlrs., 109 Van Sindren av, Brooklyn, N. Y.  
 Trudell, Geo. E., Co., plumbers' supplies, Manchester, N. H.  
 True & Blanchard Co., whol. hdwe., Newport, Vt.  
 True Blue Gum Co., machy., Lansing, Mich.  
 True Bros., paint brushes, etc., Portland, Me.  
 True, Clarence, & Son, architects, E. 42nd & Lexington av, New York.  
 True, L. P., & Co., canned goods, Hope, Me.  
 True Mfg. Co., hay racks, Eaton Rapids, Mich.  
 True, Samuel, ship knees, Amesbury, Mass.  
 True-Tagg Paint Co., Memphis, Tenn.  
 Trueblood, Wilbur T., architect, Carleton Bldg., St. Louis, Mo.  
 Trueman, S. S., architect, Portsmouth, N. H.  
 Truesdell Marble & Granite Co., stone producers, Port Huron, Mich.  
 Truex, Fred'k M., architect, 1170 B'way, New York.  
 Truitt & Lingo, veneer mfrs., Dagsboro, Del.  
 Truitt, Wm. P., & Son, lbr., East Enterprise, Ind.  
 Trullinger, D. L., lumber, Mulino, Ore.  
 Trumbauer, Horace, architect, Land Title Bldg., Phila., Pa.  
 Trumble, Edwin, lbr., Kingsville, S. C.  
 Trumbower, Werner, architect, Crozer Bldg., Philadelphia, Pa.  
 Trumbull Elec. Mfg. Co., flexible metallic conduits, etc., Woodford av, Plainville, Conn.  
 Trumbull, F. S., sheet metal stamping & special tool mfrs., Bridgeport, Conn.  
 Trumbull Mfg. Co., machsts. & fndrs., Warren, Ohio.  
 Trumbull Motor Car Co., Bridgeport, Conn.  
 Trumbull Safe & Vault Co., bank vaults, 77 W. Lake, Chicago, Ill.  
 Trumbull Steel Co., tin plate products, Warren, Ohio.  
 Trumbull Stone & Sand Co., Warren, Ohio.  
 Trumbull-Vanderpoel Elec. Mfg. Co., enclosed fuses, Bantam, Conn.  
 Trumbull Wagon Co., Defiance, Ohio.  
 Trump Bros. Mach. Co., Beech & Anchorage, Wilmington, Del.  
 Trump, F. & E. D., brass fndrs., Jersey Shore, Pa.  
 Trump Mfg. Co., machsts. & fndrs., Springfield, Ohio.  
 Trump Mfg. Co., piston rings, Crown Point, Ind.  
 Trumbour-Whitehead Brass & Copper Co., brass, bronze, copper & German silver sheet, wire, rods & tube, 309-311 Canal, New York, & 43 No. Seventh, Philadelphia, Pa.  
*See adv index at end of book.*  
 Trumpfeller Mfg. Corp., bag holders, 447 Ellicott sq, Buffalo, N. Y.  
 Trunk, F. G. (Est. of), brick, Freeport, Ill.  
 Trunk & Gordon, architects, Donnell-Court Bldg., St. Joseph, Mo.  
 Truscon Laboratories, paints, Detroit, Mich.  
 Truscott, Pierce Engine Co., machsts. & fndrs., St. Joseph, Mich.  
 Trusler, Wm., mill & facty. supplies, Eskridge, Kans.  
 Truslow & Fulle, cork mfrs., 42 Wilson, Brooklyn, N. Y.  
 Trussed Concrete Steel Co., Columbus Savings & Trust Bldg., Columbus, Ohio.  
 Trussed Concrete Steel Co., rolled steel windows, Detroit, Mich.  
 Trussell Mfg. Co., loose leaf devices, Poughkeepsie, N. Y.  
 Truxell, Geo. H., architect, Greensburg, Pa.  
 Try It Mfg. Co., lunch boxes, Plainville, Conn.  
 Try-Me Mfg. Co., machinists, bushings, regulators, etc., Springfield, Conn.  
 Tryer Piano Co., 36 S. State, Chicago, Ill.  
 Tryon & Brain, contractors, 207 S. B'way, Los Angeles, Cal.  
 Tryon, Thos., architect, 39 E. 28th, New York.  
 Tschirgi, M., & Sons, contractors, Cedar Rapids, Ia.  
 Tschumy & Co., architects, 108 Summit, Toledo, Ohio.  
 Tsuma, Numa I., architect, 105 Audubon, New York.  
 Tubb, J. R., wagon & carriage spokes, Sparta, Tenn.  
 Tubbs Cordage Co., Kohl Bldg., San Francisco, Cal.  
 Tubbs, W. F., ski mfr., Norway, Me.  
 Tubby, Wm. B., architect, 81 Fulton, New York.  
 Tubising, Wm. F., & Co., bldg. contrs., 708 Oakland av, Milwaukee, Wis.  
 Tubman, Wm., elevators, 67 Milk, Boston, Mass.  
 Tubular Htg. & Ventg. Co., hot air furnaces, 232 Quarry, Philadelphia, Pa.  
 Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.  
 Tubular Woven Fabric Co., flexible mtlc. & interior conduits, Pawtucket, R. I.  
 Tuck, C. H., contractor, Clyde, N. Y.  
 Tucke Mfg. Co., hdwe. & cutlery mfrs., Brockton, Mass.  
 Tucker & Brooks, architects, Marlboro, Mass.  
 Tucker, C. F., & Co., machsts., 93 Green, Newark, N. J.  
 Tucker, Chas. E., Mfg. Co., designers of special tools, dies, gauges, etc., York, Pa.  
 Tucker & Dorsey Mfg. Co., hdwe. mfrs., racks, trucks, etc., Indianapolis, Ind.  
 Tucker Duck & Rubber Co., Fort Smith, Ark.  
 Tucker, E. W., & Co., contractors, 347 Fremont, San Fran., Cal.  
 Tucker, Edw. A., Co., steel structural wk., 683 Atlantic av, Boston, Mass.  
 Tucker, J. B., contractor, 19 Beechmont, Worcester, Mass.  
 Tucker & Laxton, reinf. concrete steel const., Charlotte, N. C.  
 Tucker Mach. Co., 222 E. 9th, Cincinnati, Ohio.  
 Tucker Mfg. Co., cements, paints, putty, 17 E. 137th, New York.  
 Tucker, Seth L., contractor, Hornell, N. Y.  
 Tucker & Son Boiler Works, Newark, Ohio.  
 Tucker Tool & Machine Co., mill & facty supplies, 75 Murray, New York.  
 Tucker & Vinton, concrete steel const., 216 E. 41st, New York.  
 Tucker, W. B. & C. F., shears, rod cutters, oil hole covers & oil cup mfrs., 516 Asylum, Hartford, Conn.  
 Tucker Woodwork Co., auto, carriage & wood rims, Sidney, Ohio.  
*See adv index at end of book.*  
 Tuckers Plating Wks., Rochester, N. Y.  
 Tuckhorn Francis, glass stainer, 366 Atlantic av, B'klyn, N. Y.  
 Tucson Lumber Co., Tucson, Ariz.  
 Tucson Pressed Brick Co., Tucson, Ariz.  
 Tudor Boiler Mfg. Co., 715 E. 3rd, Cincinnati, Ohio.  
 Tudor & Jones, bale ties, Weedsport, N. Y.  
 Tuerck, I. K., bank railings, Portland, Ore.  
 Tuerck & Mackenzie Mach. Co., 160 E. 3rd, Portland, Ore.  
 Tuerke, Wm. A., trunk mfr., 212 W. Lexington, Baltimore, Md.  
 Tufting Mach. Supply Co., Detroit, Mich.



- Tufford, Allan, architect, Helena, Mont.  
 Tufts College, engng. schools & coll., Boston, Mass.  
 Tufts Nat'l Meter Co., 455 Commercial, Boston, Mass.  
 Tuhey Canning Co., Muncie, Ind.  
 Tulane Univ. Coll. of Technology, engng. school & coll., 1551 Canal, New Orleans, La.  
 Tulare Canning Co., Tulare, Cal.  
 Tulare County Growers' Assn., canned goods, Porterville, Cal.  
 Tullite Auto. Bulb Co., 1104 Dime Bk. Bldg., Detroit, Mich.  
 Tull, J. A., & Son, machs. & fndrs., Canton, Miss.  
 Tullgren, Martin, & Sons, architects, 133 2d, Milwaukee, Wis.  
 Tullgren, Martin, & Sons, contractors, 14th & Grand, Milwaukee, Wis.  
 Tullis & Blanchard, contractors, 1328 Broadway, New York.  
 Tullis-Gamble Hardware Co., Montgomery, Ala.  
 Tulloss, I. E., machst. & fndr., Iowa City, Ia.  
 Tullit & McInnis Co., contractors, Grand Central Terminal, New York.  
 Tully, C. H., Fence Co., Grand Island, Neb.  
 Tully, Jas. J., soap, 179 Master, Phila., Pa.  
 Tully, John J., contractor, 326 E. 42d, New York.  
 Tully, John J., upholsterers' hammers, Louisville, Ky.  
 Tully Paint & Varnish Co., Tullytown, Pa.  
 Tulloch, Jno., architect, Sherman, Tex.  
 Tulsa Boiler & Machy. Co., Tulsa, Okla.  
 Tulsa Brick Co., Tulsa, Okla.  
 Tulsa Fuel & Mfg. Co., zinc, Collinsville, Okla.  
 Tulsa Glass Co., Tulsa, Okla.  
 Tulsa Mach. & Tool Co., Tulsa, Okla.  
 Tulsa Stove Co., machsts. & fndrs., Tulsa, Okla.  
 Tulsa Stove & Foundry Co., mfrs., Sand Springs, Okla.  
 Tulsa Vitified Brick & Tile Co., Tulsa, Okla.  
 Tumpach, Jos., Cornice Co., 2431 S. Kedzie av, Chicago, Ill.  
 Tumulty, P., Jr., contractor, 59 Brunswick, Jersey City, N. J.  
 Tuna Glass Co., benders, Clarksburg, W. Va.  
 Tuna Iron & Steel Works, machsts. & fndrs., Bradford, Pa.  
 Tuna Valley Pressed Brick Co., Bradford, Pa.  
 Tunelius Machine Co., 411 S. Clinton, Chicago, Ill.  
 Tunglok Silo Co., Interstate Bldg., Kansas City, Mo.  
 Tungsten Mfg. Co., plugs, spark, Marshalltown, Ia.  
 Tungsten Products Co., tungstic acid, Boulder, Colo.  
 Tungstolier Works of General Electric Co., machsts. & fndrs., Cleveland, Ohio.  
 Tunis, Barton M., carriages, Morristown, N. J.  
 Tunison, Willard E., contractor, 262 Greene av. Brooklyn, N. Y.  
 Tunmore, A. E., contractor, 496 W. Utica, Buffalo, N. Y.  
 Tunnel Concrete Co., 15 Broad, New York.  
 Tunnel, F. W., & Co., fertilizer & glue mfrs., 15 N. 5th, Philadelphia, Pa.  
 Tunnessen Mfg. Co., miners' safety lamps, Hazleton, Pa.  
 Tunstead Heating Co., 1019 6th av. S., Minneapolis, Minn.  
 Tuohy, T. F., & Co., contractors, 89 Main, New York.  
 Tuorto Cut Stone Co., Belleville, N. J.  
 Tupelo Cotton Mills, Tupelo, Miss.  
 Tupelo Fertz Factory, Tupelo, Miss.  
 Tupelo Oil & Ice Co., Tupelo, Miss.  
 Tupper, Allen, masons' & bldrs.' matls., 625 S. Peters, New Orleans, La.  
 Tupper, G. Edmund, architect, Press Bldg., Binghamton, N. Y.  
 Tupper, J. E., architect, Pomeroy, Wash.  
 Tupper, Jno., ladders, Lynn, Mass.  
 Turberville, J. K., contractor, El Paso, Tex.  
 Turbine Equipment Co., 50 Church, New York.  
 Turbine Sewer Machine Renovating Co., 197 11th, Milwaukee, Wis.  
 Turbo Blower Co., 30 Church, New York.  
 Turbyfill, David W. F., architect, 5414 N. Racine av, Chicago, Ill.  
 Turck, Joseph, architect, 770 Bergenline av, West New York, N. J.  
 Tures Mfg. Co., gasoline lighting systems, 386 6th, Milwaukee, Wis.  
 Turgeon, E., contractor, 86 Weybosset, Providence, R. I.  
 Turk, C. Hubert, architect, Livingston, Mont.  
 Turk, Jos., Mfg. Co., machsts. & fndrs., Bradley, Ill.  
 Turkeltaub, M., & Son, buckles, buttons, 38 E. 12th, New York.  
 Turkey Knob Coal Co., coke mfr., Charlestown, W. Va.  
 Turl Iron & Car Co., Inc. (The), cars, tanks, etc., 50 Broad, New York.  
 Turley Gear & Machine Co., St. Louis, Mo.  
 Turley, H. G., machst., St. Louis, Mo.  
 Turley, J. T., Co., fertz. mfrs., Owensboro, Ky.  
 Turnbull, B. F., architect, Everett, Wash.  
 Turnbull, Bayard, architect, 328 N. Charles, Baltimore, Md.  
 Turnbull Bros., contractors, Canton, Ohio.  
 Turnbull, C. D., architect, Junction City, Ky.  
 Turnbull, Gilbert M., & Gray, Frank B., architects, 1210 La Salle, Chicago, Ill.  
 Turnbull Mfg. Co., machsts., 115 Vine, Columbus, Ohio.  
 Turnbull, Ward W., corn poppers, Columbus, Ohio.  
 Turner, Alfred C., architect, 683 Atlantic av, Boston, Mass.  
 Turner Bedding Factory, Pine Bluff, Ark.  
 Turner Brass Works, hdwe. mfrs., heavy, furnaces, stoves & heaters, Sycamore, Ill.  
 Turner Bros., rubber & ink erasers, 1022 Arch, Phila., Pa.  
 Turner Bros. Co., glass bottles, Terre Haute, Ind.  
 Turner, C. A. P., concrete steel constr., 627 1st av, N., Minneapolis, Minn.  
 Turner, C. H., & Co., contractors, Pensacola, Fla.  
 Turner, Chas. A., Inc., steam fitters' supplies, 3d av & Chancery, Pittsburgh, Pa.  
 Turner, Chas. H., whol. hdwe., Albany, N. Y.  
 Turner, Chas. Y., mural decorators & painters, 27 W. 67th, New York.  
 Turner Concrete Steel Co., 1713 Sansom, Philadelphia, Pa.  
 Turner Constr. Co., 11 Broadway, New York.  
 Turner Contracting Co., Youngstown, Ohio.  
 Turner, Daniel, lumber, Lynchburg, Ohio.  
 Turner, Day & Woodworth Handle Co., Louisville, Ky.  
 Turner, E. H., flour mills, Henning, Tenn.  
 Turner, Edward F., contractor, 13 Jackson, Salem, Mass.  
 Turner, F. A., contractor, 6979 N. Clark, Chicago, Ill.  
 Turner, F. C., & Co., sashes, doors & blinds, Mobile, Ala.  
 Turner Fixture Co., Hannibal, Mo.  
 Turner-Fricke Mfg. Co., gas engines, Farmers' Bank Bldg., Pittsburgh, Pa.  
 Turner, G. H., Co., plumbers' supplies, 1052 N. Alameda, Los Angeles, Cal.  
 Turner, H. H., architect, Board of Education, Grand Rapids, Mich.  
 Turner Hardware & Implement Co., Modesto, Cal.  
 Turner & Harrison Pen Mfg. Co., 1211 Spring Garden, Philadelphia, Pa.  
 Turner Heating Co., regulators, 143 Eddy, Providence, R. I.  
 Turner, Hy, archl. iron, 4737 N. Front, Philadelphia, Pa.  
 Turner, J. C., Lumber Co., 1123 B'way, New York.  
 Turner, J. H., masons' & bldrs.' matls., Wichita, Kans.  
 Turner, J. S., Mfg. Co., mill & facty. supplies, Lowell, Mass.  
 Turner, J. Spencer, Co., cotton duck, etc., 86 Worth, New York.  
 Turner, J. W., Improvement Co., contractors, Des Moines, Ia.  
 Turner, Jas., & Sons, sashes, doors & blinds, Grand Forks, N. D.  
 Turner, Jerry B., sash, door & blind mfrs., Mount Kisco, N. Y.  
 Turner, Jno. F., common brick, Atlantic City, N. J.  
 Turner, Jno., Son, machsts., 1108 E. Cary, Richmond, Va.  
 Turner, Laurin H., & Co., brattice cloth, 160 W. Jackson Blvd, Chicago, Ill.  
 Turner Lead Co., E. St. Louis, Mo.  
 Turner, Mac, architect, Hammond, Ind.  
 Turner Machine Co., brass & grey iron castings, hat machinery, etc., Danbury, Conn.  
 Turner Machine Co., 75 Fulton, New York, & 3632 N. Lawrence, Philadelphia, Pa.  
 Turner Mfg. Co., mchsts. & fndrs., Port Washington, Wis.  
 Turner Oil Filter Co., Niles, Mich.  
 Turner, S. B., & Son, stencils, Norfolk, Va.  
 Turner, Samuel R., architect, 807 Mt. Vernon pl, N. W., Washington, D. C.  
 Turner & Seymour Mfg. Co., hardware mfrs., machinists & founders, etc., Torrington, Conn.  
 Turner & Stanton Co., cords, wire goods, etc., Norwich, Conn.  
 Turner Supply Co., mill & facty. supplies, Mobile, Ala.  
 Turner Supply Co., plumbers' supplies, jobbers, Chester, Pa.  
 Turner, T. J., handles, Marked Tree, Ark.  
 Turner Tanning Machinery Co., machsts. & fndrs., Peabody, Mass.  
 Turner & Vanscoy Co., heating contrs., Wilkes-Barre, Pa.  
 Turner, Vaughn & Taylor Co., rubber & wire mill machinery, Cuyahoga Falls, Ohio.  
 Turner, W. C., heating contrs., 441 Hubbard av, Detroit, Mich.  
 Turner, W. R., common brick, Petersburg, Va.  
 Turner-White Coffin Co., Winston-Salem, N. C.  
 Turners Falls Cotton Mills, cotton sheetings, Turners Falls, Mass.  
 Turnes, W. J., Co., contractors, 35 S. Dearborn, Chicago, Ill.  
 Turney, ties, poles & posts, Medora, Ind.  
 Turney, Albert, architect, 3849 Charlotte, Kansas City, Mo.  
 Turney, Eugene T., Co., wireless instruments, 2595 3d av, New York.  
 Turney, Joel, & Co., wagons, sleds, Fairfield, Ia.  
 Turnock, E. Hill, architect, Elkhart, Ind.  
 Turnquist Bros., contractors, 217 E. 69th pl, Chicago, Ill.  
 Turon, L. P., architect, Pittston, Pa.  
 Turpin, J. A., contractor, Norfolk, Va.  
 Turpin, Wm. L., & Son, contractors, Stone Harbor, N. J.  
 Turpsene Mfg. Co., turpentine substitute, 1901 Callowhill, Philadelphia, Pa.  
 Turtle Lake Lumber Co., Grand Rapids, Mich.  
 Turton, C. B., Co., rosin mfrs., turpentine, 16 Exch. pl, New York.  
 Turton, L. M., architect, Napa, Cal.  
 Turveville, Robert E., architect, 301½ Church, Nashville, Tenn.  
 Tusant, J. E., & Son Co., contractors, Des Moines, Ia.  
 Tuscaloosa Cotton Seed Oil Co., Tuscaloosa, Ala.  
 Tuscaloosa Iron Works, Tuscaloosa, Ala.  
 Tuscaloosa Mills, cotton sheetings, Tuscaloosa, Ala.  
 Tuschinsky, Alex., architect, Indiana Pythian Bldg., Indianapolis, Ind.  
 Tusclometa Spoke Co., Forest, Miss.  
 Tuscara Sand & Coal Co., 719 Prospect-Hippodrome Bldg., Cleveland, Ohio.  
 Tuskegee Normal & Industrial School, engng. schools & coll., Tuskegee, Ala.  
 Tuten, W. G., lumber, Letford, Ga.



- Tuthill Building Material Co., 131 W. 63d, Chicago, Ill.  
 Tuthill Cut Glass Co., Middletown, N. Y.  
 Tuthill, J. W., Lumber Co., Sioux Falls, S. D.  
 Tuthill, S. E., architect, Corning, N. Y.  
 Tuthill Spring Co., 760 Polk, Chicago, Ill.  
 Tuthill & Thorn, machsts., Greenport, N. Y.  
 Tuthill, Wm. Burnett, architect, 105 E. 22d, New York.  
 Tutschek, F., surgical instruments, 109 Centre, New York.  
 Tutt & Fowler, cornices, Jacksonville, Fla.  
 Tuttle-Bailey Mfg. Co., machsts. & fndrs., 79 N. 10th, Brooklyn, N. Y.  
 Tuttle, Bloodgood, architect, 44 W. 33rd, New York.  
 Tuttle Brick Co., Middletown, Conn.  
 Tuttle Bros., masons' & bldrs., matls., Englewood, N. J.  
 Tuttle Bros., masons' & bldrs., matls. & sash, door & blind mfrs., Westfield, N. J.  
 Tuttle, Chas. W., iron rolling mills, ft. of McMaster, Auburn, N. Y.  
 Tuttle & Clark, harness, trunks, Detroit, Mich.  
 Tuttle & Co., canned goods, McConnellsville, N. Y.  
 Tuttle, E. N., & Co., turned wood nov., Beverly, Mass.  
 Tuttle, H. Scott, contractor, Swampscott, Mass.  
 Tuttle, Harry W., architect, 437 5th av, New York.  
 Tuttle, J. F., architect, 1311 Bay, Cedar Rapids, Ia.  
 Tuttle Paint & Glass Co., El Paso, Tex.  
 Tuttle Press Co., bottle caps, paper, etc., Appleton, Wis.  
 Tuttle, R. & Co., flour, Columbia City, Ind.  
 Tuttle, Sheridan A., contr., Decatur, Ill.  
 Tuzo, Paul B., architect, 122 E. 25th, New York.  
 Tweed & Rau, signs, 1027 W. Madison, Chicago, Ill.  
 Tweed & Woodruff, contractors, Newburgh, N. Y.  
 Tweedy & Bernhard, masons' & bldrs., matls., Hopedale, Ohio.  
 20th Century Brass Works, 231 5th av, S., Minneapolis, Minn.  
 20th Century Garage, auto. windshields, 121 S. Ludonette, South Bend, Ind.  
 20th Century Heating & Ventilating Co., Akron, Ohio.  
 20th Century Machy. Co., M. & M. Bk. Bldg., Milwaukee, Wis.  
 20th Century Mfg. Co., clothes washing machines, Mansfield, Ohio.  
 20th Century Mixer Co., machsts., Connersville, Ind.  
 20th Century Storm Buggy Co., carriages, St. Henry, Ohio.  
 20th Century Tire Protector Co., Midlothian, Tex.  
 Twigg, Jno., & Son Co., motor boat bldrs., 698 Illinois, San Francisco, Cal.  
 Twiggs, A. J., & Sons, contractors, Augusta, Ga.  
 Twin City Art Glass Works, 14 E. Lacock, Pittsburgh, Pa.  
 Twin City Bedding Co., mattresses, Marinette, Wis.  
 Twin City Boiler & Sheet Iron Works, Bristol, Va.  
 Twin City Boiler Works, Inc., 316 King, Bristol, Va.  
 Twin City Brick Co., Cap. Bk. Bldg., St. Paul, Minn.  
 Twin City Carriages Works, St. Paul, Minn.  
 Twin City Co., contractors, 29th & Minnehaha av, Minneapolis, Minn.  
 Twin City Cut Glass Co., St. Paul, Minn.  
 Twin City Four Wheel Drive Co., University & Pelham, St. Paul, Minn.  
 Twin City Iron & Wire Works, 25 W. Water, St. Paul, Minn.  
 Twin City Iron Works, Norfolk, Va.  
 Twin City Lines, steel castings, St. Paul, Minn.  
 Twin City Lumber Co., North Tonawanda, N. Y.  
 Twin City Machine Co., Power Bldg., Nic. Isl., Minneapolis, Minn.  
 Twin City Mill Co., flour, Bristol, Tenn.  
 Twin City Oil Co., 210 N. 1st, Minneapolis, Minn.  
 Twin City Packing Co., meat packers, Menominee, Mich.  
 Twin City Rapid Transit Co., 11th & Hennepin av, Minneapolis, Minn.  
 Twin City Separator Co., 29th & Colfax av, S., Minneapolis, Minn.  
 Twin City Tank Silo & Specialty Co., 37th av & N. E. 5th, Minneapolis, Minn.  
 Twin City Tiling Co., floor mosaics, 16 W. North av, N. S., Pittsburgh, Pa.  
 Twin City Varnish Co., 521 Cleveland av, St. Paul, Minn.  
 Twin Peaks Canning Co., Salt Lake City, Utah.  
 Twine Mills Corp., cotton, Roanoke, Va.  
 Twining, S. B., & Co., stone producers, Stockton, N. J.  
 Twinplex Sales Co., razor stroppers, 313 N. 10th, St. Louis, Mo.  
 Twinvolute Pump & Mfg. Co., 55 William, New York.  
 Twiss Nelson W., machsts., New Haven, Conn.  
 Twist, Ernest, architect, 229 Main av, Passaic, N. J.  
 Twisted Wire & Steel Co., metal nov. & spec., 437 11th av, New York.  
 Twitchell-Champlin Co., canned goods & corn brooms, Portland, Me.  
 Twitchell Gauge Co., 1209 S. Michigan av, Chicago, Ill.  
 Twitchell, S., Co., carbonators, 223 Vine, Philadelphia, Pa.  
 Twitmire, W. T., cornices, Bellefonte, Pa.  
 Two Rivers Dredge & Dock Co., Two Rivers, Wis.  
 Two Rivers Plating Works, Two Rivers, Wis.  
 Twohig, James, contractor, Northampton, Mass.  
 Twohy Bros. Co., contractors, 219 E. 60th, Portland, Ore.  
 Tyaskin Packing Co., Tyaskin, Md.  
 Tyer Rubber Co., Andover, Mass.  
 Tygarts River Lumber Co., Mill Creek, W. Va.  
 Tyger Shoals Milling Co., fertilizer mfrs., Duncan, S. C.  
 Tygert, J. E., Co., fertilizer mfrs., 28 S. Delaware av, Philadelphia, Pa.  
 Tyler, A. F., Co., sash, door & blind, Athol, Mass.  
 Tyler-Brandt & Tyler, architects, Richards Bldg., Lincoln, Neb.  
 Tyler, C. B., turpentine, Albany, Ga.  
 Tyler Can Co., 1409 Eastern av, Baltimore, Md.  
 Tyler Coal & Coke Co., Land Title Bldg., Philadelphia, Pa.  
 Tyler & Co., Contractors, 2730 Nicollet av, Minneapolis, Minn.  
 Tyler Cotton Oil Co., meal, Tyler, Tex.  
 Tyler & Duhaime, architects, 95 Bank, Waterbury, Conn.  
 Tyler, Frank M., architect, Black Bldg., Los Angeles, Cal.  
 Tyler, Fred. A., plumbers' brackets, generators, etc., Albany, N. Y.  
 Tyler, George H., architect, Winthrop, Mass.  
 Tyler-Hall Chemical Co., wood alcohol, Hancock, N. Y.  
 Tyler & Hippach, plate glass, 366 W. Ohio, Chicago, Ill.  
 Tyler, Jas. R., architect, German Ins. Bldg., Rochester, N. Y.  
 Tyler, M. H., Co., ladders, Portland, Me.  
 Tyler & Seager, masons' & bldrs., matls., 315 N. Charles, Baltimore, Md.  
 Tyler Tube & Pipe Co., Washington, Pa.  
 Tyler Underground Heating System, 815 S. Canal, Pittsburgh, Pa.  
 Tyler, U. S., Co., ornamental iron and bronze, wire cloth and screen, etc., Cleveland, Ohio. *See adv index at end of book.*  
 Tyler, W. C., architect, Lincoln Bldg., Louisville, Ky.  
 Tyler, W. J., masons' & bldrs., matls., Cape May Court House, N. J.  
 Tynan, J. W., architect, Arlington, Vt.  
 Tyne & Willey, contractors, Binghamton, N. Y.  
 Tyner, E. D., Constr. Co., Midland Bldg., Kansas City, Mo.  
 Tyner, E. S., Constr. Co., contrs., Midland Bldg., Kansas City, Mo.  
 Typewritten Mfg. Co., 711 S. Dearborn, Chicago, Ill.  
 Typhoon Signal Co., auto. horns, 20 Chicago, Lincoln, Ill.  
 Tyre, Philip S., architect, 1509 Arch, Philadelphia, Pa.  
 Tyrell, B. B., hot air furnace mfrs., Moline, Ill.  
 Tyrell, John Boardman, architect, 1910 8th, N. W., Washington, D. C.  
 Tyrie & Chapman, architects, Auditorium Bldg., Minneapolis, Minn.  
 Tyroler, Leo, arch'l iron, 101 W. 88th, New York.  
 Tyrolese Art Glass Co., 25 W. Broadway, New York.  
 Tyron, Edw. K. Co., sporting goods mfrs., 611 Market, Philadelphia, Pa.  
 Tyrone Ironing Board Co., Tyrone, Pa.  
 Tyrone Mercantile Co., fertilizer mfrs., Washington, Ga.  
 Tyrone Milling Co., flour, Tyrone, Pa.  
 Tyrrell, A. H., & Son, machinists, Tyrrell, Ohio.  
 Tyrrell, Harlan P., machst., Fitchburg, Mass.  
 Ty-Sa-Man-Mach. Co., Knoxville, Tenn.  
 Tyson Co., ice cream freezers, Canton, Ohio.  
 Tyson, Frank, cornices, 759 N. Market, Philadelphia, Pa.  
 Tyson, J., & Son, fertilizer mfrs., Frederick, Md.  
 Tyson, Jacob L., masons' & bldrs., matls., 900 Jeff, Phila., Pa.  
 Tyson & Jones Buggy Co., Carthage, N. C.  
 Tyson, Wears & Co., contractors, 201 Devonshire, Boston, Mass.  
 Ubbink, Jos., curb forms, Port Washington, Wis.  
 Uchtman, F. H., & Co., mattresses, 209 Woodward, Cincinnati, Ohio.  
 Udall, Jno. C., contractor, 29 W. 34th, New York.  
 Udell-Predock Mfg. Co., piano benches, 2315 N. B'way, St. Louis, Mo.  
 Udell Wks., woodenware & novelties mfrs., Indianapolis, Ind.  
 Udstad, S., machsts., Aurora, Ill.  
 Uehling Instrument Co., machsts., 71 B'way, New York.  
 Uffendell, Wm. G., architect, 39 S. State, Chicago, Ill.  
 Ufford, Frank M., cotton towels, Norwich, Conn.  
 Uffherl, Joseph, & Co., contractors, 34 Ophir, Boston, Mass.  
 Uhdev, C. W., contractor, Warren, Pa.  
 Uhl-Jaster Co., contractors, 1900 Euclid av, Cleveland, Ohio.  
 Uhl, M., & Co., incubators, New Washington, Ohio.  
 Uhl Pottery Co., Evansville, Ind.  
 Uhlen Carriage Co., children's carriages, 94 State, Rochester, N. Y.  
 Uhler & English, cordage mfrs., 106 N. Delaware, Phila., Pa.  
 Uhler, J. N., architect, Wapakoneta, Ohio.  
 Uhlfelder, Leo, Co., bronze powder, 130 W. 29th, New York.  
 Uhlich, Paul, & Co., color mfrs., rubber substitutes, 11 Cliff, New York.  
 Uhrich Planing Mill Co., Independence, Kans.  
 Uhrichsville Clay Co., Uhrichsville, Ohio.  
 Uihlein, Julius, & Co., mill & facty. supplies, 208 Elm, Cincinnati, Ohio.  
 Ukiah Milling Co., flour, Ukiah, Cal.  
 Ulary, Chas. R., canned goods, North East, Md.  
 Ulco Oil Co., Detroit, Mich.  
 Ulko Supply Co., steam fitters' supplies, Cleveland, Ohio.  
 Ullery, S. W., & Son, mill & facty. supplies, whol. hdwe., Logansport, Ind.  
 Ullman, D., Sons, scrap iron, steel & rubber, Buffalo, N. Y.  
 Ullman, Jacob, scrap iron & steel, 84 Oneida, Buffalo, N. Y.  
 Ullman Mfg. Co., steaming trays, 338 E. 59th, New York.  
 Ullman-Philpatt Co., roofing paints, 4805 Lexington, Cleveland, Ohio.



- Ullman, Sidney M., architect, Chamber of Commerce, Birmingham, Ala.
- Ullman, Sigmund, Co., printing inks, 146th & Park av, New York.
- Ullmann, B., & Co., bronze powders, 461 8th av, New York.
- Ullom, W. A., architect, House Bldg., Pittsburgh, Pa.
- Ullrich, August G., sash, door & blind mfrs., 3864 Archer av, Chicago, Ill.
- Ullrich & Hoffman, architect, 373 Fulton, Brooklyn, N. Y.
- Ullrich, J., & Co., fountain pen mfrs., 27 Thames, New York.
- Ullrich, R. C., Hardware Co., Mount Clemens, Mich.
- Ulmer Leather Co., belt cements, Norwich, Conn.
- Ulmer, J. C., Co., machsts., Cleveland, Ohio.
- Ulmer, Jacob, Packing Co., meat packers, Pottsville, Pa.
- Ulmer, M. W., turpentine, Largo, Fla.
- Ulmer, Theo. C., hand made spikes, Richmond & E. Col., Philadelphia, Pa.
- Ulmer, Wm. H., Co., stone, ft. of Chestnut, St. Paul, Minn.
- Ulrey, A. A., & Co., flour mills, Fairmount, Ind.
- Ulrich Co., mill & facty. supplies, shuttles, Paterson, N. J.
- Ulrich & Co., polishes, 363 E. North, Buffalo, N. Y.
- Ulrich Mfg. Co., agricultural implements, Rock Falls, Ill.
- Ulrich Mfg. Co., harness, saddles & strap wk. mfs., Kokomo, Ind.
- Ulseth, Edw., contractor, Calumet, Mich.
- Ulster Iron Wks., brass fndrs., Dover, N. J., & Dover, Mo.
- Ulster Paint Wks., Ellenville, N. Y.
- Ulster Tissue Mills, Inc., Napanoch, N. Y.
- Ultch, A. A., contractor, Mount Vernon, N. Y.
- Ultramarine Co., ultramarine blues, 38 Park Row, New York.
- Umbach, F. G., agricultural implements, Athens, Ga.
- Umlauf, J. A., machsts., 9 S. 15th, Richmond, Va.
- Umpqua Cooperative Packing Co., canned goods, Gardiner, Ore.
- Unadilla Fertilizer Co., Unadilla, Ga.
- Uncasville Mfg. Co., denims, Uncasville, Conn.
- Unckrich Machine Co., Galion, Ohio.
- Uncle Sam Oil Co., petroleum, Kansas City, Kans.
- Undeland, A. L., chairs (barbers), Omaha, Neb.
- Under Feed Stoker Co. of America, mechl. stokers, 111 W. Monroe, Chicago, Ill.
- Underhay Oil Co., lubrg., 73 Batterymarch, Boston, Mass.
- Underhill, Clinch & Co., whol. hdwe., 84 White, New York.
- Underhill, D., Jr., & Co., lbr., Erie Co. Band Bldg., Buffalo, N. Y.
- Underhill Dillen, flour mills, Mountain Home, Ark.
- Underhill, H. W., & Co., architects, Bryant Bldg., Kansas City, Mo.
- Underhill Hdwe. Co., Somerville, Mass.
- Underpinning & Foundation Co., 290 B'way, New York.
- Underwood, C. R., stone, 341 5th av, New York.
- Underwood Comput'g Mach. Co., 260 Gold, Brooklyn, N. Y.
- Underwood, F. J., mill & facty. supplies, Jamestown, N. Y.
- Underwood, H. B., & Co., machy. mfrs., 1025 Hamilton, Philadelphia, Pa.
- Underwood, H. T., architect, 46 Cornhill, Boston, Mass.
- Underwood, John, & Co., printing & writing inks, carbon paper, etc., 30 Vesey, New York.
- Underwood, Loring, landscape arch., 15 Exchange, Boston, Mass.
- Underwood Mfg. Co., loose leaf devices, 717 Sycamore, Cincinnati, Ohio.
- Underwood, N., contractor, Durham, N. C.
- Underwood Paper Mills, Inc., Plattsburg, N. Y.
- Underwood Typewriter Co., 30 Vesey, New York.
- Underwood & Underwood, stereoscopes, etc., 417 5th av, New York.
- Underwood Veneer Co., Wausau, Wis.
- Underwood, W., Co., canned goods, 52 Fulton, Boston, Mass.
- Underwood Whip Co., Westfield, Mass.
- Underwood, Wm. J., machsts., Ava, Ill.
- Underwriters Hatch Door Co., 1741 Walnut, Chicago, Ill.
- Underwriters' Laboratories, 207 E. Ohio, Chicago, Ill.
- Unger Bros., silver nov., 32 Bucher, Newark, N. J.
- Unger, F. S., Plbg. & Htg. Co., cornices, Niles, Ohio.
- Unger, John F., Co., slate blackboards, Slatington, Pa.
- Unger & Park, architects, Storm Lake, Ia.
- Unger, Warren, htg. contrs., Shamokin, Pa.
- Unger, William, architect, Bucyrus, Ohio.
- Unger, Wm., & Bro., silk fringes, tassels, auto. binding, etc., 496 B'way, New York.
- Ungerer & Co., oils, 273 Pearl, New York.
- Ungrodt, B., cornices & skylights, Washburn, Wis.
- Uniflow Boiler Co., Harrison Bldg., Philadelphia, Pa.
- Uniform Fibrous Talc. Co., 1 E. 33d, New York.
- Union Almn. Co., aluminum combs, Doylestown, Ohio.
- Union Asphalt Construction Co., American Central Life Bldg., Indianapolis, Ind.
- Union Bag & Paper Corp., Woolworth Bldg., New York.
- Union Battery Co., Belleville, N. J.
- Union Belt Co., Fall River, Mass.
- Union Belting Co., 400 N. 2d, St. Louis, Mo.
- Union Bending Wks., neck yokes, Collins, Ohio.
- Union Blind & Ladder Co., Oakland, Cal.
- Union Boiler & Mfg. Co., Lebanon, Pa.
- Union Boiler Wks., 67 S. Center, Columbus, Ohio.
- Union Bow Co., auto., carriage & wagon bows, Cleveland, O.
- Union Brass Foundry, Los Angeles, Cal.
- Union Brass Fndry. Co., Lowell, Mass.
- Union Brass & Metal Mfg. Co., Lawson & Mackubin, St. Paul, Minn.
- Union Brick Co., Iola, Kans., San Diego, Cal., & Shamokin, Pa.
- Union Bridge & Const. Co., contrs., Sharp Bldg., Kansas City, Mo.
- Union Buffalo Mills Co., sheetings, Union, S. C.
- Union Buggy & Mfg. Co., Florence, Ala.
- Union Builders Co-operative Contr. Co., Dunkirk, N. Y.
- Union Building & Constr. Co., masons' & bldrs.' matls., Passaic, N. J.
- Union Building Material Co., 231 10th, New York.
- Union Button Sewing Co., 394 Atlantic av, Boston, Mass.
- Union Carbide Sales Co., 30 E. 42d, New York.
- Union Carpet Lining Co., 79 Summer, Boston, Mass.
- Union Casein Co., 2314 Wood, Philadelphia, Pa.
- Union Cement & Lime Co., Louisville, Ky.
- Union Chain & Mfg. Co., Seville, Ohio.
- Union Charcoal Co., Straight, Pa.
- Union Chemical Wks., fertilizer mfrs., North Wales, Pa.
- Union City Body Co., auto. bodies, Union City, Ind.
- Union City Canning Co., Union City, Tenn.
- Union City Carriage Mfg. Co., Union City, Pa.
- Union City Chair Co., Union City, Pa.
- Union City Hoop & Lbr. Co., Union City, Ind.
- Union City Lbr. Co., ties, poles & posts, Grand Rapids, Mich.
- Union City Wheel Co., machsts. & fndrs., Union City, Ind.
- Union Clay Products Co., Bloomingdale, Ind.
- Union Coal Co., masons' & bldrs.' matls., Chillicothe, Ohio.
- Union Coal & Supp. Co., masons' & bldrs.' matls., Union City, Pa.
- Union College, engng. school & coll., Schenectady, N. Y.
- Union Construction Co., 604 Mission, San Francisco, Cal.
- Union Contracting Co., 58 W. Jackson blvd, Chicago, Ill.
- Union Coopers Co., 2d & Penrose, St. Louis, Mo.
- Union Cornice Co., 5 Bark, Providence, R. I.
- Union Cotton Bagging Corp., Norfolk, Va.
- Union Cotton Mills, Lafayette, Ga.
- Union Cotton Oil Co., Fitzgerald, Ga.
- Union Cutlery Co., Olean, N. Y.
- Union Cypress Co., lumber, Hopkins, Fla.
- Union Dist. Co., 3d & Race, Cincinnati, Ohio.
- Union Draft Gear Co., McCormick Bldg., Chicago, Ill.
- Union Drawn Steel Co., steel products, Beaver Falls, Pa.
- Union Drop Forge Co., 358 W. Indiana, Chicago, Ill.
- Union Dry Rock & Repair Co., Weehawken, N. J.
- Union Elec. Co., clamps & inc. lamp coloring, 3721 Grant blvd, Pittsburgh, Pa.
- Union Elec. Co., plugs, elec. lamp sockets, etc., Trenton, N. J.
- Union Elec. Mfg. Co., comealongs or wire pullers, Pekin, Ill.
- Union Electric Mfg. Co., electric controlling apparatus, 110 Reed, Milwaukee, Wis.
- Union Elec. Mfg. Co., machsts., South Bend, Ind.
- Union Electrical Porcelain Wks., Trenton, N. J.
- Union Engineering Co., machsts., 1616 Columbus rd, Cleveland, Ohio.
- Union Envelope Co., envelope mfrs., Richmond, Va.
- Union Excelsior Lubrg. Co., 229 Front, New York.
- Union Fertilizer Co., Cullman, Ala., Copp Bldg., Los Angeles, Cal., & Warrenton, Ga.
- Union Fibre Co., Winona, Minn.
- Union Filter & Nov. Co., 73 Franklin, New York.
- Union Fishermen's Co-operative Packing Co., Astoria, Ore.
- Union Forging Co., Union, N. Y.
- Union Fork & Hoe Co., 500 Dublin av, Columbus, Ohio.
- Union Foundry, Uniontown, Pa.
- Union Fndry. Co., Anniston, Ala., & Fitchburg, Mass.
- Union Fdry. & Mach. Co., Ottawa, Kans., W. Carson, Pittsburgh, Pa., & Rockford, Ill.
- Union Fdry. & Machy. Co., Salt Lake City, Utah.
- Union Fdry. & Mfg. Co., Birmingham, Ala.
- Union Foundry Works, First Nat. Bank Bldg., Chicago, Ill.
- Union Furnace Co., blast, Ironton, Ohio.
- Union Furnace Mfg. Co., machsts. & fndrs., Union Furnace, Pa.
- Union Furniture Co., music cabinets, Rockford, Ill.
- Union Furniture & Nov. Co., Warren, Pa.
- Union Gas Burner Co., 369 Ellicott, Buffalo, N. Y.
- Union Gas Engine Co., Oakland, Cal.
- Union Gas Fixture Co., 361 W. 42d, New York.
- Union Gear & Mach. Co., 85 Purchase, Boston, Mass.
- Union Gin & Oil Co., meal, Eliasville, Tex.
- Union Glass Co., Somerville, Mass.
- Union Glue Corp., 80 Pearl, New York.
- Union Granite Co., ft. of Wilmot, Portland, Me., & Morrisville & Waterbury, Vt.
- Union Guano Co., Winston-Salem, N. C.
- Union Hardware Co., Marietta, O., Torrington, Conn., & Union, S. C.
- Union Hardware & Metal Co., 401 E. 1st, Los Angeles, Cal.
- Uniontown Hardware & Supply Co., Uniontown, Pa.
- Union Horse Nail Co., 1524 W. 22d, Chicago, Ill.
- Union Insulating Co., cold storage insulation, Great Northern Bldg., Chicago, Ill.
- Union Interior Finish Co., 5319 S. La Salle, Chicago, Ill.
- Union Iron & Brass Fndry., Muncie, Ind.
- Union Iron Fdry., Union, S. C.
- Union Iron Works, corn & flour mill machy, etc. (dealers), Decatur, Ill.



- Union Iron Wks., machsts. & fndrs., Bellingham, Wash., Hoboken, N. J., Houston, Tex., Los Angeles, Cal., McAlester, Okla., Minneapolis, Minn., Spokane, Wash., & Sacramento, Cal.
- Union Iron Wks., mill & facty. supplies, Bangor, Me.
- Union Iron Works, steam boilers, 14th & Cascade, Erie, Pa.
- Union Iron Wks. Co., dock bldrs., 20th & Michigan, San Francisco, Cal.
- Union Iron Wks. Co., machsts. & fndrs., Selma, Ala.
- Union Jack Co., Bloomfield, Ind.
- Union Knitting Mills, sweaters, etc., 53 N. 3d, Philadelphia, Pa.
- Union Knitting Mills Co., Logan, Utah.
- Union Knitting Wks., sweaters, cardigans, etc., 110 Thatford av., Brooklyn, N. Y.
- Union Lthr. Measuring Mach. Co., Davenport, Mass.
- Union Lime Co., Los Angeles, Cal., & 503-506 Pabst Bldg., Milwaukee, Wis.
- Union Lime & Stone Co., Salt Lake City, Utah.
- Union Limestone Co., Youngstown, Ohio.
- Union Lock Stitch Co., mchsts. & fndrs., E. Boston, Mass.
- Union Lumber & Barrel Co., Union, Me.
- Union Lumber & Box Mfg. Co., Atlanta, Ga.
- Union Lumber Co., Bakersfield, Cal., & New Orleans, La.
- Union Lumber Mfg. Co., Cumberland, Md.
- Union Mach. Co., Bartlesville, Okla.; Fitchburg, Mass.; St. Paul, Minn.; San Francisco, Cal., & Worcester, Mass.
- Union Machine Works, Oakland, Cal.
- Union Mach. Works & Iron Fndry., 1821 S. Water, Phila., Pa.
- Union Machinery & Supply Co., 528 1st av., S., Seattle, Wash.
- Union Malleable Iron Co., East Moline, Ill.
- Union Mfg. Co., bread boards, Cambridge, Ohio.
- Union Mfg. Co., machsts. & fndrs., Boyertown, Pa., & New Britain, Conn.
- Union Mfg. Co., sashes, doors & blinds, Greenville, Fla.
- Union Mfg. Co., paper & pulp mills, Oconto Falls, Wis.
- Union Mfg. & Lumber Co., wooden barrows, Northville, Mich.
- Union Match Co., Duluth, Minn.
- Union Mattress Co., Sioux City, Ia.
- Union Meat Co., packers, North Portland, Ore., & San Antonio, Tex.
- Union Metal Corner Co., metal corner bends mfrs., 18 Heath, Boston, Mass.
- Union Metal Mfg. Co., columns & posts, Canton, Ohio.
- Union Metal Works, cleanouts, traps, plugs, etc., Chelsea, Mass.
- Union Metallic Cartridge Co., machsts., Bridgeport, Conn.
- Union Mill, paper, Bancroft, Mass.
- Union Mill Co., masons' & bldrs.' matls., Santa Barbara, Cal.
- Union Mill Gin & Warehouse Co., flour, Corinth, Miss.
- Union Mills, sweaters, cardigans, etc., Hudson, N. Y.
- Union Mills Paper Mfg. Co., New Hope, Pa.
- Union Mining Co., fire clay & brick, Mt. Savage, Md., & Oliver Bldg., Pittsburgh, Pa.
- Union Motor Truck Co., Bay City, Mich.
- Union Oil Co. of Cal., Los Angeles, Cal.
- Union Oil Works, lubricating, Erie, Pa., & Rochester, N. Y.
- Union Packing Co., canned goods, Omaha, Neb.
- Union Paint Co., South av & B. & O. R. R., Pittsburgh, Pa.
- Union Paper Co., 844 Washington, New York.
- Union Paper Mill Co., paper bags, Monongahela, Pa.
- Union Paper & Twine Co., 125 St. Clair av, Cleveland, O., & 538 Brisbane Bldg., Buffalo, N. Y.
- See adv index at end of book.*
- Union Paving Co., 108 S. La Salle, Chicago, Ill.
- Union Pearl Works, handles, buttons, etc., 43 W. 27th, New York.
- Union Pencil Co., 33 Union sq. New York.
- Union Petroleum Co., lubricating oils & greases, etc., Widener Bldg., Phila., Pa.
- Union Phosphate Co. of Georgia, fertilizer mfrs., Union City, Ga.
- Union Pipe Co., Owensville, Mo.
- Union Polish Co., 80 Barclay, New York.
- Union Polishing & Plating Co., Rochester, N. Y.
- Union Porcelain Works, elec. & mechanical spec., 300 Eckford, Brooklyn, N. Y.
- Union Portland Cement Co., Ogden, Utah.
- Union Products Co., mfrs. "Parlock" binding preparation for plaster, etc., 1252 W. 70th, Cleveland, Ohio.
- Union Quarry & Const. Co., stone prod., 4687 Nat'l Bdge. rd. St. Louis, Mo.
- Union Radiator Co., Johnstown, Pa.
- Union Ry. Supply Co., ties, poles & posts, Real Estate Trust Co. Bldg., Philadelphia, Pa.
- Union Ribbon & Carbon Co., carbon paper & typewriter ribbons, Front & Laurel, Philadelphia, Pa.
- Union Rolling Mill Co., Cleveland, Ohio, & Unionville, Conn.
- Union Salt Co., Addison road & L. S. & M. S. Ry., Cleveland, O.
- Union Sand & Material Co., masons' & bldrs.' matls., International Life Bldg., St. Louis, Mo.
- Union Sanitary Mfg. Co., mchsts. & fndrs., Noblesville, Ind.
- Union Sanitary Mfg. Co., wash bowls, Rochester, N. Y.
- Union Sardine Co., canned, Lubec, Me.
- Union Sash & Door Co., 213 S. 8th, Minneapolis, Minn.
- Union Screen Co., 306 Carpenter, Providence, R. I.
- Union Screen Plate Co., screen & suction plates & fasteners, Fitchburg, Mass.
- Union Seed & Fertilizer Co., Argenta, Ark.; New Orleans, La., & 65 Broadway, New York.
- Union Seed & Fertilizer Works, Raleigh, N. C.
- Union Sewer Pipe Co., McKeesport, Pa.
- Union Sheet Metal Works, cornices, 317 Farnsworth, Detroit, Mich.
- Union Shingle Co., lumber, Edmonds, Wash.
- Union Shuttle Co., Lawrence, Mass.
- Union Smelting & Refining Co., 14th & Av D, New York.
- Union Soap Co., 214 N. Pearl, Baltimore, Md., & 119 4th pl, Brooklyn, N. Y.
- Union Soapstone Co., 14 Marshall, Boston, Mass.
- Union Spar Co., spars & masts, Gloucester, Mass.
- Union Special Mach. Co., 300 W. Kinzie, Chicago, Ill.
- Union Spinning & Plating Co., 67 Sudbury, Boston, Mass.
- Union Spoke & Bending Co., Union City, Ind.
- Union Spring & Mfg. Co., 1st Natl. Bank Bldg., Pittsburgh, Pa.
- Union Stained Glass Co., 708 Columbia rd, Boston, Mass.
- Union Starch & Refining Co., syrup, oils (corn), Edinburg, Ind.
- Union Steam Pump Co., Battle Creek, Mich.
- Union Steel Casting Co., Pittsburgh, Pa.
- Union Steel Products Co., Ltd., oven racks, Albion, Mich.
- Union Steel & Wire Co., Standard av & Bretsk, Indianapolis, Ill.
- Union Stone Co., York, Pa.
- Union Storage Co., fertilizer mfrs., Marion, Ala.
- Union Stove Lining Co., Taunton, Mass.
- Union Stove Wks., 70 Beekman, New York.
- Union Sugar Co., 310 Sansome, San Francisco, Cal.
- Union Sulphur Co., 17 Battery pl, New York.
- Union Superphosphate Co., 343 Sansome, San Francisco, Cal.
- Union Switch & Signal Co., Swissvale, Pa.
- Union Tale Co., 132 Nassau, New York.
- Union Thread Co., Carthage, Cincinnati, Ohio.
- Union Timber Co., Aberdeen, Wash.
- Union Tool Chest Worsk, 99 Railroad, Rochester, N. Y.
- Union Tool Co., lathe dogs, tool holders, key seating, tools, vises, etc., Orange, Mass., & Torrance, Cal.
- Union Truck Mfg. Co., 250 W. 54th, New York.
- Union Trunk & Bag Co., Richmond, Va.
- Union Twine Co., Canochet, R. I.
- Union Twist Drill Co., Athol, Mass.
- Union Typewriter Co., Bridgeport, Conn.
- Union Univ. Engng. School, Albany, N. Y.
- Union Varnish Co., 3d & Claibourne, New Orleans, La.
- Union Wadding, cotton waste, Pawtucket, R. I.
- Union Water Meter Co., water meters, corporations waste stops, chronometer regulators & steam fire whistle mfrs., Worcester, Mass.
- Union Waxed & Parchment Paper Co., Hamburg, N. J.
- Union Wheel Wks., 53 Stanton, Newark, N. J.
- Union Wire Mattress Co., spring beds, Blackhawk & Cherry, Chicago, Ill.
- Uniontown Brick Co., Uniontown, Pa.
- Uniontown Constr. Co., Uniontown, Pa.
- Uniontown Cotton Oil Co., Uniontown, Ala.
- Uniontown Roller Mill Co., flour, Uniontown, Ky.
- Unique Art Glass & Metal Co., shades, globes, etc., 105 Vandever, Brooklyn, N. Y.
- Unique Brass Fndry. Co., 841 Grand, Buffalo, N. Y.
- Unique Findings & Supply Co., 36 Garnet, Providence, R. I.
- Unique Novelty Co., pencils, Independence, Ia.
- Unit Chain Co., Lippincott Bl., Philadelphia, Pa.
- Unit Const. Co., contrs., Intern'l Life Bldg., St. Louis, Mo.
- Unit Weighing & Packing System, machy. mfrs., Baltimore, Md.
- United Alloy Steel Corp., Canton, Ohio.
- United American Co., gin distillers, Louisville, Ky.
- United Auto. Trunk Co., 343 W. 26th, New York.
- United Autographic Register Co., 556 W. Jackson blvd, Chicago, Ill.
- United Awl & Needle Co., mallets, buttoners, tacks, West Medway, Mass.
- United Battery Corp., 233 Broadway, New York.
- United Boiler Htg. & Fdry. Co., Hammond, Ind.
- United Bottle Machy. Co., 90 W. Broadway, New York.
- United Box Mfg. Co., pkg. box mfrs., Prospect & Quinotte av, Kansas City, Mo.
- United Brass Mfg. Co., mchsts. & fndrs., 3844 Hamilton av, Cleveland, O.
- United Brick Co., Greensburg, Pa.
- United Brush Mfrs., 203 Lafayette, New York.
- United Butchers' Packing Co., meat packers, 913 Fulton, Chicago, Ill.
- United Button Co., 4th av & 17th, New York.
- United Casting Co., Los Angeles, Cal.
- United Cereal Mills, foods, Quincy, Ill.
- United Chair Seat & Nov. Co., 53 E. 10th, New York.
- United Chemical Companies, Kansas City, Mo.
- United Compound Co., 178 Ohio, Buffalo, N. Y.
- United Connellsville Coke Co., Oliver Bldg., Pittsburgh, Pa.
- United Constr. Co., 27 James, Albany, N. J.
- United Contracting Co., contractors' equipment, 32 United Bldg., Indianapolis, Ind.
- United Cork Co., 50 Church, New York.
- United Cornice Wks., 3306 S. Main, Los Angeles, Cal.
- United Distillers Co., 299 Broadway, New York.
- United Dressed Beef Co., 1st av & 44th, New York.
- United Elec. App. Co., rectifiers—burglar alarms, etc., 1529 Columbus av, Boston, Mass.
- United Electric Co., vacuum cleaners, Canton, Ohio.



- United Elec. Supply Co., Marion, Ohio.  
 United Electrical Const. Co., Junction boxes, 110 S. Dearborn, Chicago, Ill.  
 United Engine Co., Lansing, Mich.  
 United Engine & Mfg. Co., Hanover, Pa.  
 United Engng. & Fdry. Co., machsts. & fndrs., 307 5th av, Pittsburgh, Pa.  
 United Engineering Works, Clunie Bldg., San Francisco, Cal.  
 United Filters Co., water filters, Salt Lake City, Utah.  
 United Fire Brick Co., Uniontown, Pa., & North East, Md.  
 United Fire Proofing Co., 8 W. 40th, New York  
 United Fdry. & Mach. Co., castings, Bridgeport, Conn.  
 United Furnace Co., Canton, O.  
 United Gas Improvement Co., Philadelphia, Pa.  
 United German & Austro-Hungarian Glue Co., 198 Broadway, New York  
 United Glass Works, 1024 Mission, San Francisco, Cal.  
 United & Globe Rubber Mfg. Co., Trenton, N. J.  
 United Granite Co., St. Cloud, Minn.  
 United Hammer Co., pow. ham. mfrs., 141 Milk, Boston, Mass.  
 United Handle Mills, 17 Battery pl, New York  
 United Hardware & Supply Co., steam fitters' supplies, Titusville, Pa.  
 United Indigo & Chemical Co., (Ltd.), 176 Federal, Boston, Mass.  
 United Injector Co., mchsts. & fndrs., 119 W 40th, New York  
 United Iron & Steel Co., blast furns. & coke mfrs., Cleveland, O.  
 United Iron Wks., machy. dtrs., Spokane, Wash.  
 United Iron Wks., mchsts. & fndrs., San Francisco, Cal.  
 United Iron Wks. Co., machsts. & fndrs., Springfield, Mo.  
 United Iron Wks. Co., pit cars, Springfield, Ohio.  
 United Irrigation & Rice Milling Co., New Orleans, La.  
 United Kansas Portland Cement Co., Independence & Neodesha, Kansas.  
 United Knit Goods Co., gloves & mittens, 1258 W. 4th, Cleveland, Ohio.  
 United Knitting Co., sweaters, &c., 42 N. 6th, Philadelphia, Pa.  
 United Lamp Co., Meyers Bldg., Springfield, Ill.  
 United Lead Co., 111 Broadway, New York  
 United Lighting Fixture Co., 1149 Mission, San Francisco, Cal.  
 United Lime & Stone Co., Harrisburg, Pa.  
 United Lined Tube & Valve Co., 180 Franklin, Boston, Mass.  
 United Lumber & Coal Co., Ltd., masons' & bldrs.' matls., Oil City, Pa.  
 United Lumber Co., Springfield, Mass.  
 United Malaysian Rubber Co., 2 Rector, New York  
 United Marble Companies, Rutland, Vt.  
 United Materials Co., masons' & bldrs.' matls., 618 Mission, San Francisco, Cal.  
 United Mattress Mach'y. Co., 19 Milk, Boston, Mass.  
 United Metal Spinning Co., shade holders, 103 Mott, New York  
 United Metals Selling Co., 42 Broadway, New York  
 United Motors Co., 675 North, N. W., Grand Rapids, Mich.  
 United Natural Gas Co., 306 Seneca, Oil City, Pa.  
 United Novelty Co., manicure sets, Lancaster, Pa.  
 United Nut Lock Co., Springfield, Mass.  
 United Oil Mfg. Co., lubrg., Erie, Pa.  
 United Oil Mills, Hope, Ark.  
 United Ornamental Iron Wks., 189 W. Madison, Chicago, Ill.  
 United Packers, canned goods, Portland, Me.  
 United Paper Board Co., 171 Madison av, New York  
 United Peach Bottom Slate Co., roofing slate mfrs., Delta, Pa.  
 United Piece Dye Co., machsts., Lodi, N. J.  
 United Plumbers Supply Co., 181 E. 108th, New York.  
 United Printing Mach'y Co., 100 Summer, Boston, Mass.  
 United Pump & Power Co., Bellevue pl. & Larkin, Milwaukee, Wis.  
 United Refining Co., oils, petroleum, etc., Warren, Pa.  
 United Roofing & Mfg. Co., Morris Bldg., Philadelphia, Pa.  
 United Rubber Co., Barborton, Ohio.  
 United Sash & Door Co., Wichita, Kans.  
 United Seal Co., meter seals, 239 S. Pearl, Columbus, Ohio.  
 United Shoe Machinery Co., machsts. & fndrs., 205 Lincoln, Boston, Mass.  
 United Smelting & Aluminum Corp., aluminum & non-ferrous metals of all kinds, 183 to 189 Commerce, New Haven, Conn. *See adv index at end of book.*  
 U. S. A. Co. dress hooks, Shelton, Conn.  
 U. S. Adding Machine Co., 101 Park av, New York.  
 U. S. Air Compressor Co., Carnegie av, Cleveland, Ohio.  
 U. S. Aluminum Co., Oliver Bldg., Pittsburgh, Pa.  
 U. S. Appraisals Co., 161 Summer, Boston, Mass.  
 U. S. Arsenal, machsts. & fndrs., Rock Island, Ill.  
 U. S. Asbestos Co., asbestos goods mfrs., Lancaster, Pa.  
 U. S. Asphalt Refining Co., 90 West, New York.  
 U. S. Auto Battery Co., 90 W. Broadway, New York.  
 U. S. Automatic Box Machinery Co., 172 Green, Jamaica Plain, Boston, Mass.  
 U. S. Automatic Co., Amherst, Ohio.  
 U. S. Automatic Fire Alarm Co., Kansas City, Mo.  
 U. S. Automatic Sprinkler Co., 1392 Lexington av, New York.  
 U. S. Ball Bearing Mfg. Co., machsts., 4535 Palmer, Chicago, Ill.  
 U. S. Bedding Co., Memphis, Tenn., & St. Paul, Minn.  
 U. S. Blue Print Paper Co., 327 S. La Salle, Chicago, Ill.  
 U. S. Bobbin & Shuttle Co., 57 Eddy, Providence, R. I.  
 U. S. Bottle Stopper Co., 99 Maiden la, New York.  
 U. S. Bottlers' Machinery Co., 1033 W. Lake, Chicago, Ill.  
 U. S. Brake Shoe Co., machsts. & fndrs., Corry, Pa.  
 U. S. Broom & Brush Co., 1201 Cortland, Chicago, Ill.  
 U. S. Broom & Duster Co., 1053 Washburne av, Chicago, Ill.  
 U. S. Brush Co., bat brushes, Potsdam, N. Y.  
 U. S. Bung Mfg. Co., treenail wedges, 50 S. 2d, Brooklyn, N. Y.  
 U. S. Bunting Co., Lowell, Mass.  
 U. S. Button Co., Muscatine, Ia.  
 U. S. Cabinet Bed Co., 336 Delancey, New York.  
 U. S. Can Co., Norwood, Cincinnati, Ohio.  
 U. S. Carbon Co., 212 E. 37th, New York.  
 U. S. Carriage Co., 319 S. 4th, Columbus, Ohio.  
 U. S. Cartridge Co., Lowell, Mass.  
 U. S. Casket Co., Scottsdale, Pa.  
 U. S. Cast Iron Co., machsts. & fndrs., 1150 E. 26th, Cleveland, Ohio.  
 U. S. Cast Iron Pipe & Foundry Co., Burlington, N. J.  
 U. S. Casualty Co., insurances, 80 Maiden la, New York.  
 U. S. Cereal Co., Upper Sandusky, Ohio.  
 U. S. Chaplet & Supply Co., fndry facings, 140 Cedar, New York.  
 U. S. Chemical Co., boiler compounds, 3621 Lakeside av, N. E., Cleveland, & Greenville, Ohio.  
 U. S. Cloth Cutting Machine Co., 414 W. Broadway, New York.  
 U. S. Clothespin Co., Montpelier, Vt.  
 U. S. Coal & Coke Co., Carnegie Bldg., Pittsburgh, Pa.  
 U. S. Coal, Gravel & Sand Co., Baton Rouge, La.  
 U. S. Column Co., columns, caps & bases, Erie & Albany, Cambridge, Mass.  
 U. S. Construction Co., Old South Bldg., Boston, Mass.  
 U. S. Cooperage Co., handles, Malden, Mo.  
 U. S. Crushed Stone Co., 103 S. La Salle, Chicago, Ill.  
 U. S. Cutlery Co., Fremont, Ohio.  
 U. S. Dredge & Dock Co., 29 S. La Salle, Chicago, Ill.  
 U. S. Dye Extracts Co., logwood extracts, 801 Vernon av, Long Island City, N. Y.  
 U. S. E. M. Co., alarms, connectors, ringers, etc., 301 W. 37th, New York.  
 U. S. Elec. Mfg. Co., Los Angeles, Cal.  
 U. S. Elec. Signal Co., West Newton, Mass.  
 U. S. Electrical Tool Co., portable electric tools, 6th av & Mt. Hope, Cincinnati, Ohio.  
 U. S. Electro Galvanizing Co., 280 Park av, Brooklyn, N. Y.  
 U. S. Encaustic Tile Works, Indianapolis, Ind.  
 U. S. Engineering Constr. Co., Fort Worth, Tex.  
 U. S. Envelope Co., Springfield, Mass.  
 U. S. Expansion Bolt Co., Duane & Elm, New York.  
 U. S. Fastener Co., 95 Milk, Boston, Mass.  
 U. S. Fidelity & Guaranty Co., insurance, Calvert & German, Baltimore, Md.  
 U. S. Finishing & Mfg. Co., tin mounting machines, etc., 216 N. Clinton, Chicago, Ill.  
 U. S. Fire App. Co., 11th & Church, Wilmington, Del.  
 U. S. Fire Escape Counterbalance Co., 177 W. Washington, Chicago, Ill.  
 U. S. Flag Co., 329 Lock, Cincinnati, Ohio.  
 U. S. Flexible Metallic Tubing Co., Los Angeles, Cal.  
 U. S. Frumentum Co., 39 S. Chene, Detroit, Mich.  
 U. S. Gas Fixtures Co., 262 Washington, Newark, N. J.  
 U. S. Gas Furnace Co., 46 Clifford, Providence, R. I.  
 U. S. Gas Machine Co., Muskegon, Mich.  
 U. S. Gauge Co., machsts., 67 Wall, New York.  
 U. S. Glass Co., glass bottles, S. 9th & Bingham, Pittsburgh, Pa.  
 U. S. Glue Co., Carrollsville, Milwaukee, Wis.  
 U. S. Graphite Co., 1430 Holland, Saginaw, Mich.  
 U. S. Grate Bar Co., fndrs., Elizabeth, N. J.  
 U. S. Gutta Percha Paint Co., 12-30 Dudley, Providence, R. I.  
 U. S. Gypsum Co., wall plaster mfrs., 205 W. Monroe, Chicago, Ill.  
 U. S. Hame Co., hames, wire rings, staple mfrs., Buffalo, N. Y.  
 U. S. Handle Co., farm tool & wood, Piqua, Ohio.  
 U. S. Headlight Co., Buffalo, N. Y.  
 U. S. Health & Accident Insurance Co., Saginaw, Mich.  
 U. S. Heating & Plumbing Co., 744 W. Court, Cincinnati, Ohio.  
 U. S. Hoffman Co., machsts., Syracuse, N. Y.  
 U. S. Horse Shoe Co., Erie, Pa.  
 U. S. Inc. Lamp Co., Ewing & Clark avs, St. Louis, Mo.  
 U. S. Incinerator Co., Buffalo, N. Y.  
 U. S. Indestructible Gasket Co., gasket mfrs., Church & Fulton, New York. *See adv index at end of book.*  
 U. S. Industrial Alcohol Co., cologne spirits, 27 William, New York.  
 U. S. Kellastone Co., sanitary flooring, Chicago, Ill.  
 U. S. Lace Paper Works, 472 W. Broadway, New York.  
 U. S. Leather Co., 204 Essex, Boston, Mass., & 17 Battery pl, New York.  
 U. S. Lens Co., Geneva, N. Y.  
 U. S. Light & Heat Corp., Niagara Falls, N. Y.  
 U. S. Lock & Hardware Co., Columbia, Pa.  
 U. S. McAdamite Metal Co., Detroit, Mich.  
 U. S. Machine Co., Williamsport, Pa.  
 U. S. Malleable Iron Work, Toledo, Ohio.  
 U. S. Match Plate Co., Holyoke, Mass.  
 U. S. Metal Gap & Seal Co., 107 W. 13th, New York.  
 U. S. Metal & Mfg. Co. scrap iron, 165 B'way, New York.



- U. S. Metal Products Co., cornices & skylights, doors, etc., San Francisco, Cal.
- U. S. Metallic Packing Co., Philadelphia, Pa.
- U. S. Metals Refining Co., 120 Broadway, New York.
- U. S. Mica Mfg. Co., 14 E. Jackson Blvd., Chicago, Ill.
- U. S. Mill Supply Co., 334 S. Water, Providence, R. I.
- U. S. Mineral Wool Co., 280 Madison av, New York.  
*See adv. index at end of book.*
- U. S. Molding Machine Co., 968 E. 69th pl, Cleveland, Ohio.
- U. S. Mop Co., Toledo, Ohio.
- U. S. Motor Truck Co., Covington, Ky.
- U. S. Navy Yard, steel casting, Brooklyn, N. Y.
- U. S. Nickel Co., New Brunswick, N. J.
- U. S. Paper Goods Co., 1224 W. 8th, Cincinnati, Ohio.
- U. S. Paper Mills, Chambersburg, Pa.
- U. S. Phosphate Co., Salt Lake City, Utah.
- U. S. Portland Cement Co., Denver, Colo., & Kansas City, Mo.
- U. S. Powder Co., Terre Haute, Ind.
- U. S. Pressed Steel Co., steel singletrees & doubletrees, Ypsilanti, Mich.
- U. S. Printing Lithograph Co., Robertson av & Beech, Norwood, Cincinnati, Ohio.
- U. S. Pulley Covering Co., 212 Washington, New York.
- U. S. Radiator Co., mchsts. & fndrs., B'way & Gd. River, Detroit, Mich.
- U. S. Radiator Corp., cast iron boilers & radiators, B'way & Grand River, Detroit, Mich.
- U. S. Rail Co., Cumberland, Md.
- U. S. Rattan Co., Hoboken, N. J.
- U. S. Reduction Co., alloys, ingots, smelters & refiners, etc., East Chicago, Ind.
- U. S. Reduction & Refining Co., Colo. Springs, Colo.
- U. S. Refining Co., fire resisting paints, Cleveland, O.
- U. S. Register (Ltd.), Battle Creek, Mich.
- U. S. Ring Traveler Co., 159 Aborn, Providence, R. I.
- U. S. Roofing Tile Co., Parkersburg, W. Va.
- U. S. Rubber Co., 58th & Broadway, New York.
- U. S. Rubber Reclaiming Co., 30 E. 42d, New York.
- U. S. Safety Gas Machine Co., Belleville, Ill.
- U. S. Sand Paper Co., Williamsport, Pa.
- U. S. Sanitary Effluents Separating App., 35 Nassau, New York.
- U. S. Sanitary Mfg. Co., enam. bath tubs, Arrott Bldg., Pittsburgh, Pa.
- U. S. Sanitary Septic Tank Co., Memphis, Tenn.
- U. S. Scale Factory, mchsts. & fndrs, Terre Haute, Ind.
- U. S. Sewer Pipe Co., hollow bldg. blocks & brick, Frick Bldg., Pittsburgh, Pa.
- United States Silica Co., 1225 S. Michigan av, Chicago, Ill.  
*See adv. index at end of book.*
- U. S. Slicing Mach. Co., mchsts. & fndrs., 189 N. Dearborn, Chicago, Ill., & La Porte, Ind.
- U. S. Smelting Co., spelter, 120 Broadway, New York.
- U. S. Smelting Co., white arsenic, Midvale, Utah.
- U. S. Smelting, Refining & Mining Co., 55 Congress, Boston, Mass., & Salt Lake City, Utah.
- U. S. Smelting Works, 1615 Spring Garden, Philadelphia, Pa.
- U. S. Specialty Co., fishing bait, Rush Bldg., Syracuse, N. Y.
- U. S. Specialty Co., manicure sets, Middletown, Conn.
- U. S. Spring Bed Co., Springfield, Mass.
- U. S. Spruce Lumber Co., Marion, Va.
- U. S. Stamping Co., drip pans, Moundsville, W. Va.
- U. S. Standard Co., acet. gas machines, Voorheesville, N. Y.
- U. S. Standard Mfg. Co., concrete mixers, Ashland, Ohio.
- U. S. Steel Corp., elec. furnaces, 71 Broadway, New York.
- U. S. Steel Erection Co., Buffalo, N. Y.
- U. S. Steel Tank & Pipe Co., exhaust & blow piping, 2090 Canalport av, Chicago, Ill.
- U. S. Stoneware Co., Akron, Ohio.
- U. S. Sugar Co., Madison, Wis.
- U. S. Supply Co., mill & facty. & plumbers' supplies, jobbers, Omaha, Neb.
- U. S. T. Cutlery Co., 56 Summer av, Newark, N. J.
- U. S. Tent & Awning Co., 231 N. Desplaines, Chicago, Ill.
- U. S. Tire Co., Broadway & 58th, New York.
- U. S. Trimming Co., fringes, tassels, etc., 39 N. 10th, Phila., Pa.
- U. S. Typewriter Ribbon Mfg. Co., Sansome & 8th, Phila., Pa.
- U. S. Varnish Co., 2616 Colerain, Cincinnati, Ohio.
- U. S. Water & Steam Supply Co., machy dtrs., 1315 W. 12th, Kansas City, & Rockville, Mo.,
- U. S. Whip Co., Westfield, Mass.
- U. S. Wind Engine & Pump Co., Batavia, Ill.
- U. S. Window Glass Co., Morgantown, W. Va.
- U. S. Wire Mat Co., Decatur, Ill.
- U. S. Wood Preserving Co., 165 Broadway, New York.
- U. S. Woven Label Co., 324 Lafayette, New York.
- U. S. Zinc Co., Pueblo, Colo.
- United Steel & Wire Co., broilers, carriers, stools, etc., Battle Creek, Mich.
- United Suit Case Co., 1345 5th av, Pittsburgh, Pa.
- United Supply Co., mill & facty. supplies, Seattle, Wash.
- United Supply & Mfg. Co., rail loaders, Ry. Exchange, Chicago, Ill.
- United Telephage Co., 101 Park av, New York.
- United Trimming Co., 18 W. 27th, New York.
- United Vacuum Appliance Co., Connersville, Ind.
- United Vacuum Sweeper Co., carpet sweepers, 2445 W. 19th, Chicago, Ill.
- United Varnish Co., 300 Hancock, Long Island City, N. Y.
- United Vending Co., talking scales, Cleveland, Ohio.
- United Verde Copper Co., Jerome, Ariz.
- United Waste Mfg. Co., cotton waste, Troy, N. Y.
- United Wire & Supply Co., seamless brass & copper tubing, & gold & silver plated wire, etc., Elmwood Station, Providence, R. I.
- United Wire Tire Co., bag tyers, Toledo, Ohio.
- Unitube Auto Radiator Co., 1139 University av, Rochester, N. Y.
- Unity Cotton Mills, La Grange, Ga.
- Unity Paper Mills, Potsdam, N. Y.
- Unity Sand & Stone Co., Greensburg, Pa.
- Universal Battery Co., gasoline lighting systems, 3410 S. La Salle, Chicago, Ill.
- Universal Boring Machine Co., boring bars & machinery, Hudson, Mass.
- Universal Button Fastening & Button Co., 680 Fort av, Detroit, Mich.
- Universal Cable Grip Co., guy anchors, manhole guards, Syracuse, N. Y.
- Universal Camera Co., 557 W. Jackson Blvd, Chicago, Ill.
- Universal Carbon Co., elec. lamp flashlights, Dundee, Ill.
- Universal Caster & Foundry Co., caster mfrs., 874 Ferry, Newark, N. J.
- Universal Compound Co., waterproofing matls., 428 W. 25th, New York.
- Universal Cornice & Roofing Co., 2241 S. Troy, Chicago, Ill.
- Universal Crushed Stone Co., 29 S. La Salle, Chicago, Ill.
- Universal Crusher Co., Cedar Rapids, Ia.
- Universal Cutter Co., textile machy., supplies, etc., 4567 Scott av, St. Louis, Mo.
- Universal Drafting Mach. Co., 1426 W. 3d, Cleveland, Ohio.
- Universal Elec. Co., hand vacuum cleaners, 63 Elizabeth, E. Detroit, Mich.
- Universal Elec. & Spec. Mfg. Co., junc. boxes, New Orleans, La.
- Universal Electric Stage Lighting Co., 240 West 50th, New York.
- Universal Elec. Welding Co., 30 E. 42d, New York.
- Universal Engng. Co., cannery retorts, 15 Beale, San Francisco, Cal.
- Universal Film Mfg. Co., 1600 Broadway, New York.
- Universal Fixture Co., Urbana, O.
- Universal Form Clamp Co., 14 No. May, Chicago, Ill.
- Universal Hardware & Supply Co., 79 Greenpoint av, Brooklyn, N. Y.
- Universal Hoist & Mfg. Co., Cedar Falls, Ia.
- Universal Indicator Co., voting machines, 915 Majestic Blvd., Milwaukee, Wis.
- Universal Label Weaving Co., Paterson, N. J.
- Universal Lubricating Co., 1432 Schofield Bldg., Cleveland, O.
- Universal Lubricator Co., 136 Chestnut, Philadelphia, Pa.
- Universal Machine Co., Bowling Green, O.
- Universal Machine Co., machinery manfrs., Baltimore, Md.
- Universal Mach. & Tool Co., Canton, O.
- Universal Mach. Wks., 1060 Germantown, Philadelphia, Pa.
- Universal Machy. Co., 784 30th, Milwaukee, Wis.
- Universal Metallic Tie Co., Salt Lake City, Utah.
- Universal Milking Mach. Co., 18 W. Mound, Columbus, Ohio.
- Universal Motor Co., Oshkosh, Wis.
- Universal Novelty Wks., dry batteries, elec. toys, flashlights, &c., 147 W. 23d, New York.
- Universal Nozzle Co., Indianapolis, Ind.
- Universal Oil & Fertilizer Co., Wilmington, N. C.
- Universal Oxygen Co., Sheboygan, Wis.
- Universal Paper Bag Co., New Hope, Pa.
- Universal Pattern Wks., 909 State av, Cincinnati, Ohio.
- Universal Pneumatic Transmission Co., 145 W. Ohio, Chicago, Illinois.
- Universal Portland Cement Co., 208 S. La Salle, Chicago, Ill.
- Universal Printing Co., coin wrappers, Erie, Pa.
- Universal Ry. Supply Co., 122 S. Michigan av, Chicago, Ill.
- Universal Register Co., 226 W. Ontario, Chicago, Ill.
- Universal Rim Co., 1502 S. Mich. av, Chicago, Ill.
- Universal Road Machy. Co., Kingston, N. Y.
- Universal Rolling Mill Co., Bridgeville, Pa.
- Universal Safety Tread Co., stair treads, Waltham, Mass.
- Universal Sanitary Appliance Co., 104 Wall, New York.
- Universal Sanitary Mfg. Co., plumbers' sanitary earthenware, &c., New Castle, Pa.
- Universal Screen Co., 270 Long Beach av, Los Angeles, Cal.
- Universal Service Co., automobiles, Grand River & Stanton avs, Detroit, Mich.
- Universal Shear & Nov. Co., 38 Littleton av, Newark, N. J.
- Universal Shock Eliminator Co., 10 W. 62d, New York.
- Universal Skylight Co., 519 E. 73d, New York.
- Universal Spec. Co., can openers, 33 E. Kinney, Newark, N. J.
- Universal Specialty Co., hoods—motor, New Leader Bldg., Cleveland, Ohio.
- Universal Spec. Co., scriptographs, 121 E. 27th, New York.
- Universal Store Spec. Co., meat choppers & slicers, Commercial & Center, New Britain, Conn.
- Universal Supply Co., mill & facty. supplies, 1st Natl. Bk. Bldg., Pittsburgh, Pa.
- Universal Supply Co., plumbers' supplies—jobs., Newark, N. J.
- Universal Swing Joint & Mach. Co., Louisville, Ky.
- Universal Talking Mach. Mfg. Co., Philadelphia, Pa.
- Universal Tire Protector Co., Angola, Ind.



Universal Tobacco Mach. Co., 57 Lafayette, Newark, N. J.  
 Universal Tractor Mfg. Co., cultivators, Columbus, Ohio.  
 Universal Trolley Wheel Co., Northampton, Mass.  
 Universal Type Making Mach. Co., 343 S. Dearborn, Chicago, Ill.  
 Universal Valve Co., Burlington, Wis.  
 Universal Ventilating Co., 14th & Oak, Kansas City, Mo.  
 Universal Welding Co., St. Anne, Ill.  
 Universal Wind Shield Co., 1607 Prairie, Chicago, Ill.  
 Universal Winding Co., textile machinery mfrs., 95 South, Boston, Mass.  
 Universe Mfg. Co., advtg. nov. & spec., 2218 Vine, Phila., Pa.  
 University Apparatus Co., laboratory, Berkeley, Cal.  
 University Bag Co., traveling, 185 Franklin, Boston, Mass.  
 University of Akron, engng. schools & coll., Akron, Ohio.  
 University of Alabama, engng. schools & coll., University, Ala.  
 University of Arizona, engng. schools & coll., Tucson, Ariz.  
 University of Arkansas, engng. schools & coll., Fayetteville, Ark.  
 University of California, engng. schools & coll., Berkeley, Cal.  
 University of Cincinnati, Tech. School Engng. School & Coll., Burnet Woods pk., Cincinnati, Ohio.  
 University of Dallas, engng. schools & coll., Dallas, Tex.  
 University of Detroit Engng. Dept., engng. schools & coll., Detroit, Mich.  
 University of Fla., engng. school & coll., Gainesville, Fla.  
 University of Ga., College of Agric. Arts., Athens, Ga.  
 University of Hampton, engng. school & coll., Hampton, Va.  
 University of Idaho, engng. schools & coll., Boise, Idaho.  
 University of Illinois, engng. schools & colleges, Champaign & Urbana, Ill.  
 University of Iowa Coll. of Applied Science, engng. school & coll., Iowa City, Ia.  
 University of Kansas, engng. school & coll., Lawrence, Kans.  
 University of Me. Coll. of Technology, Orono, Me.  
 University of Michigan, engng. school & coll., Ann Arbor, Mich.  
 University of Minn., engng. school & coll., S. E. Minneapolis, Minneapolis, Minn.  
 University of Missouri School of Engng., engng. schools & coll., Columbia, Mo.  
 University of Nebraska, engng. school & coll., Lincoln, Nebr.  
 University of New Mexico, engng. schools & coll., Albuquerque, N. M.  
 University of North Carolina, engng. school & coll., Chapel Hill, N. C.  
 University of North Dakota, engng. school & coll., Grand Forks & University, N. D.  
 University of Notre Dame, engng. school & coll., Notre Dame, Ind.  
 University of Oklahoma, engng. schools & coll., Norman, Okla.  
 University of Oregon, engng. schools & coll., Eugene, Ore.  
 University of Pa., engng. school & coll., S. 34th cor. Woodland av., Philadelphia, Pa.  
 University of Pittsburgh, engng. school & coll., Grant blvd. & Parkman, Pittsburgh, Pa.  
 University of the South, engng. school & coll., Sewanee, Tenn.  
 University of South Carolina, engng. school & coll., Columbia, S. C.  
 University of S. D., engng. school & coll., Vermillion, S. D.  
 University of Tennessee, engng. school & coll., Knoxville, Tenn.  
 University of Texas, engng. school & coll., Austin, Tex.  
 University of Vermont & State Agricultural Coll., Burlington, Vermont.  
 University of Virginia, engng. school & coll., Charlottesville, Va.  
 University of Washington, engng. school & coll., Seattle, Wash.  
 University of West Virginia, engng. school & coll., Morgantown, W. Va.  
 University of Wisconsin, engng. school & coll., Madison, Wis.  
 University of Wyoming, engng. school & coll., Laramie, Wyo.  
 University Sheet Metal Wks., cornices & skylights, Seattle, Wash.  
 Unkefer, Geo. R., Co., var. mfrs., 1827 Le Claire av., Chicago, Ill.  
 Unkefer, Jno. G., & Co., contractors, Minerva, O.  
 Unkelbach & Perry, architects, New Britain, Conn.  
 Uno Mfg. Co., metal polish, 6433 Ravenswood av., Chicago, Ill.  
 Uno Ventilator Co., "Uno" revolving ventilator mfrs., Newton, N. H. *See adv index at end of book*  
 Unruh, E. N., contractor, Bradford, Pa.  
 Unsinger Razor Blade Co., Fremont, Ohio.  
 Untersee, F. Joseph, architect, 585 Boylston, Boston, Mass.  
 Updike, Eston, common brick, Charlottesville, Va.  
 Updike, J. B., & Co., lumber mfrs., Vincennes, Ind.  
 Uudike Milling Co., flour, Omaha, Neb.  
 Upham & Agler, lumber mfrs., Throop S. of 22d, Chicago, Ill.  
 Upham & Stickney, architects, Cutler Bldg., Rochester, N. Y.  
 Upham, V. B., & Bro., rivet mfrs., 30 Hudson av., Brooklyn, N. Y.  
 Upholsterer, trade publication, 373 4th av., New York.  
 Upjohn Co., pharmaceuticals, 223 E. Lowell, Kalamazoo, Mich.  
 Upjohn, Hobart B., architect, 456 4th av., New York.  
 Upland Coal & Coke Co., Upland, Pa.  
 Upland Foundry & Machinery Co., Upland, Cal.  
 Upman, Frank, architect, Woodward Bldg., Washington, D. C.  
 Upshaw Bros., fertilizer, Douglasville, Ga.  
 Upson Co., fibre boards, tile, wall boards, etc., Lockport, N. Y.  
 Upson County Oil Mills, Thomaston, Ga.  
 Upson Nut Co., Cleveland, Ohio.

Upson-Walton Co. of N. Y. (The), cordage rope & twine mfrs.—wire, etc., 290 Broadway, New York.  
*See adv index at end of book.*  
 Uptegrove & Beckwith, veneer mfrs., 200 5th av., New York.  
 Up-to-Date Advtg. Co., cardboard signs, Canisteo, N. Y.  
 Up-to-Date Knit Goods Co., sweaters, 777 S. 18th, Newark, N. J.  
 Up-to-Date Mfg. Co., bank & office railings, arch'l iron, etc., Terre Haute, Ind.  
 Up-to-Date Tool Co., designers & builders of small machinery, 60 K, South Boston, Mass.  
 Upton Co., lumber mfrs., Charlotte, N. Y.  
 Upton, F. R., crushed stone, 810 Union Bldg., Newark, N. J.  
 Upton & Gilman Machine Co., Lowell, Mass.  
 Upton, H. Desmond, architect, 20 Broadway, New York.  
 Upton, Henry A., lumber, North Reading, Mass.  
 Upton, Louis M., architect, 111 Ellis, San Francisco, Cal.  
 Upton Machine Co., machsts. & fndrs., St. Joseph, Mich.  
 Upton Smoot Constr. Co., Wash. L. & T. Bldg., Washington, D. C.  
 Urania Lumber Co., Ltd., Urania, La.  
 Uraniumite Co. of Am., indry. flues, 609 Main, Buffalo, N. Y.  
 Urbain, Leon F., architect, 20 W. Jackson blvd, Chicago, Ill.  
 Urban, C. Emlen, architect, Woolworth Bldg., Lancaster, Pa.  
 Urban Concrete Co., 30 E. 42d, New York.  
 Urban, Geo., Milling Co., flour, Buffalo, N. Y.  
 Urban, Henry, architect, 908 Price, Savannah, Ga.  
 Urbana Broom Co., Urbana, Ohio.  
 Urbana Canning Co., Urbana, Ohio.  
 Urbana Egg Case Co., Urbana, Ohio.  
 Urbana Packing Co., meat, Urbana, Ohio.  
 Urbana Tool & Die Co., cutting, Urbana, Ohio.  
 Urbanek, Chas. A., architect, 1423 S. Avers av., Chicago, Ill.  
 Urbanette Canning Co., Urbanette, Ark.  
 Urbauer-Atwood Htg. Co., 115 S. 11th, St. Louis, Mo.  
 Uri, N. M., & Co., gin distillers, Louisville, Ky.  
 Urick Foundry Co., Erie, Pa.  
 Urie-Snyder Iron Works Co., mining screens, Kansas City, Mo.  
 Uris, Harris H., Iron Works, 521 W. 26th, New York.  
 Urquhart & Johnson, architects, Columbia, S. C.  
 Urquhart's, Jno. S., Son & Co., mill & facty. supplies, 131 Liberty, New York.  
**URSHEL-BATES VALVE BAG CO.**, lime, etc., bags & bag filling machines, 3431 Summit av., Toledo, Ohio.  
*See adv index at end of book.*  
 Ursem, L. J., Art Shade Co., glass stainers, Columbia Bldg., Cleveland, Ohio.  
 U-Sav-Your Mfg. Co., auto. dressing & polish, Warren, Mass.  
 Usery, L. C., & Co., turpentine, Graham, Ga.  
 Usona Mfg. Co., elec. lamp & lantern flashlights, Hudson, N. Y.  
 Usona Mfg. Co., sheet roofing fasteners, paints, etc., Aurora, Ill.  
 Usona Wire Co., Arch'l iron, 826 S. 18th, St. Louis, Mo.  
 Utah Bedding & Mfg. Co., Salt Lake City, Utah.  
 Utah Canning Co., Ogden, Utah.  
 Utah Casket Co., Salt Lake City, Utah.  
 Utah Condensed Milk Co., Richmond, Utah.  
 Utah Consolidated Stone Co., Salt Lake City, Utah.  
 Utah Construction Co., Ogden, Utah.  
 Utah Corrugated Culv. & Flume Co., Woods Cross, Utah.  
 Utah Fire Clay Co., Salt Lake City, Utah.  
 Utah-Idaho Sugar Co., Salt Lake City, Utah.  
 Utah Milling Co., flour, Ogden, Utah.  
 Utah Oil Refining Co., petroleum & products, Salt Lake City, Utah.  
 Utah Packing & Prov. Co., meat, Salt Lake City, Utah.  
 Utah Potash Co., Trenton, N. J.  
 Utah Soap Co., Salt Lake City, Utah.  
 Utecht, August, soap, South Stillwater, Minn.  
 Utermohle, G. A., & Co., burning brands, stamps, etc., 133 Cheapside, Baltimore, Md.  
 Utica Armature Works, Utica, N. Y.  
 Utica Bedding Factory, mattresses, Utica, N. Y.  
 Utica Brass & Machine Co., Fort Worth, Tex.  
 Utica Brass Works, fndrs., Utica, N. Y.  
 Utica Canning Co., Utica, N. Y.  
 Utica Cutlery Co., pocket knives, etc., Utica, N. Y.  
 Utica Drop Forge & Tool Co., nippers & pliers, Utica, N. Y.  
 Utica Fire Alarm Telegraph Co., Utica, N. Y.  
 Utica Fire Brick & Clay Co., Utica, Ill.  
 Utica Fire Sand Co., Utica, Ill.  
 Utica Glass Co., Utica, Ohio.  
 Utica Heater Co., Utica, N. Y.  
 Utica Hydraulic Cement Co., Utica, Ill.  
 Utica Novelty & Mill Specialty Co., textile machinery, Utica, N. Y.  
 Utica Plumbing Supply Co., 328 Lafayette, Utica, N. Y.  
 Utica Sales & Specialty Co., envelope sealing machines, Utica, N. Y.  
 Utica Steam Engine & Boiler Works, Utica, N. Y.  
 Utica Steam & Mohawk Valley Cotton Mills, sheetings, Utica, N. Y.  
 Utica Valve & Fixture Co., gas meter cocks, Utica, N. Y.  
 Utica Willowvale Bleaching Co., cotton sheetings, Chadwicks, N. Y.  
 Utility Co., polishes, soap, auto switches, plugs, etc., 636 W. 44th, New York.  
 Utility Mfg. Co., carpet beaters, Sturgis, Mich.



- Utility Mfg. Co., packing box mfrs., Goldsboro, N. C.  
 Utility Mfg. Co., tea strainers, 427 Oliver, Baltimore, Md.  
 Utility Mfg. Co., wall scrapers, 11 N. 6th, Philadelphia, Pa.  
 Utility Shade Co., Tenafly, N. J.  
 Utility Stove & Range Co., Indianapolis, Ind.  
 Utke, Julius, contractor, Marinette, Wis.  
 Utter, W. H., & Son, smoked pipes, Olean, N. Y.  
 Uvalde Asphalt Paving Co., 1 Broadway, New York.  
 Uvalde Gin & Milling Co., flour, Uvalde, Tex.  
 Uvalde Rock Asphalt Co., Cline, Tex.  
 Uwanta Wrench Co., Meadville, Pa.  
 Uxbridge Cotton Mills, North Uxbridge, Mass.
- Vac Liquid Equip. Co., Cedar Rapids, Ia.  
 Vacuna Co., hand vacuum cleaners, 29 B'way, New York.  
 Vacuo-Static Carbon Co., Rochester, N. Y.  
 Vacuu-Rite Lamp Co., 155 W. Division, Chicago, Ill.  
 Vacuum Bait Co., North Manchester, Ind.  
 Vacuum Car Ventilating Co., 111 S. Jefferson, Chicago, Ill.  
 Vacuum Dyeing Mach. Co., textile, Chattanooga, Tenn.  
 Vacuum Glass Co., Lynn, Mass.  
 Vacuum Heating Co., Juniper & Cherry, Philadelphia, Pa.  
 Vacuum Oil Co., Rochester Savings Bank Bldg., Rochester, N. Y.  
 Vacuum Soap Co., 180 Oxford, Philadelphia, Pa.  
 Vacuum Spec. Co., bottles, 200 5th av, New York.  
 Vade, Louis H., architect, 80 E. Jackson blvd, Chicago, Ill.  
 Vaden Fertilizer & Supply Co., Gretna, Va.  
 Vadnais, E., carriages, North Adams, Mass.  
 Vadnais, H. L., contractor, 22½ W. 7th, Salt Lake City, Utah.  
 Vail, Alva E. V., architect, Northfield, Minn.  
 Vail Bros., almond meal, 344 N. 5th, Philadelphia, Pa.  
 Vail Cooperage Co., Ft. Wayne, Ind.  
 Vail, F. E., cornices & skylights, Bennington, Vt.  
 Vail Galvanizing Plant, 211 Commercial, Boston, Mass.  
 Vail, Morrison H., architect, Dixon, Ill.  
 Vail Rubber Co., 144 W. 27th, Chicago, Ill.  
 Vaile-Kimes Co., automatic cellar drainers, Dayton, Ohio.  
 Vaile & Young, sheet metal work, Baltimore, Md.  
 Vairo, Geo., & Son, stone prod., Tiffany & Spafford av, New York.  
 Valders Canning Co., Valders, Wis.  
 Valders Lime & Stone Co., Valders, Wis.  
 Valdosta Sash, Door & Variety Wks., Valdosta, Ga.  
 Valecia Evaporated Milk Co., canners, Madison, Wis.  
 Valenti, Paul, architect, 382 Riverway, Boston, Mass.  
 Valentine, Anthony P., Jr., architect, 212 High (Gtn.), Philadelphia, Pa.  
 Valentine, Chas. M., architect, 158 Summer av, Newark, N. J.  
 Valentine, Chas. W., architect, 428 Jefferson, Milwaukee, Wis.  
 Valentine-Clark Co., lumber, 732 Second Bank Bldg., Minneapolis, Minn.  
 Valentine & Co., varnish mfrs., 456 Fourth av, New York.  
 Valentine, Eli, contractor, Ossining, N. Y.  
 Valentine, I. M., Mach. Co., Ozark, Ala.  
 Valentine & Kissam, architects, 25 Madison av, New York.  
 Valentine, M. D., & Bro. Co., fire brick, Woodbridge, N. J.  
 Valentine, Thos. J., Jr., contractor, St. Mary's, Pa.  
 Valeur, H. O., & Co., architects, Phoenix Bldg., Muskogee, Okla.  
 Valhalla Co., chlorinators, 1313 Carmen av, Chicago, Ill.  
 Valier & Spies Milling Co., flour, Marine, Ill.  
 Valk, L. B. & A. L., architects, Stimson blk, Los Angeles, Cal.  
 Valk Mfg., machsts., Topeka, Kans.  
 Valk & Mudroch Co., mill & facty. supplies, Charleston, S. C.  
 Valkenburgh, E. P., architect, Middletown, N. Y.  
 Vallas, Wm. H., cornices, 2855 W. Lake, Chicago, Ill.  
 Valteau Mfg. Co., gold leaf, 506 Broome, New York.  
 Valjejo Carriage Wks., Valjejo, Cal.  
 Vallett, Henri, architect, 192 Main, New Rochelle, N. Y.  
 Valley Boat Co., motor boat bldrs., Saginaw, Mich.  
 Valley Canning Co., Newberg, Ore.  
 Valley Cash Canning Co., Montvale, Va.  
 Valley City Desk Co., Grand Rapids, Mich.  
 Valley City Mach. Wks., Grand Rapids, Mich.  
 Valley City Milling Co., flour, Grand Rapids, Mich.  
 Valley Constr. Co., North Yakima, Wash.  
 Valley Cornice & Slate Co., 314 N. Hamilton, Saginaw, Mich.  
 Valley Creek Lbr. Co., Rochester, N. Y.  
 Valley Forge Cutlery Co., 28 S. 6th, Newark, N. J.  
 Valley Forging Co., Verona, Pa.  
 Valley Foundry & Machine Works, Fresno, Cal.  
 Valley Grey Iron Fdry. Co., Saginaw, Mich.  
 Valley Iron Wks., W. St. Paul Levee, St. Paul, Minn., & Williamsport, Pa.  
 Valley Iron Works Co., machsts. & fndrs., Appleton, Wis.  
 Valley Lumber Co., Reader, Ark., & 110 Market, San Fran., Cal.  
 Valley Mach. Co., Parkersburg, W. Va.  
 Valley Meat Co., packers, Marysville, Cal.  
 Valley Mills Cotton Oil Co., meal, Valley Mills, Tex.  
 Valley Mold & Iron Co., fndrs., Sharpsville, Pa.  
 Valley Packing Co., Lebanon, Ohio.  
 Valley Packing Co., meat, 3673 Colerain av, Cincinnati, Ohio.  
 Valley Paper Co., Holyoke, Mass.  
 Valley Shale Brick Co., Cleveland, Ohio.  
 Valley Springs Milling Co., flour, Valley Springs, Ark.  
 Valley Star Stove Co., founders, glass house molds, 29th & B. & O. R. R., Wheeling, W. Va.
- Valley Tie & Lumber Co., Staunton, Va.  
 Valley Woolen Mills, blankets (horse & cattle), Marlboro, N. H.  
 Valliant, E. S., & Son, fertilizer mfrs., Church Hill, Md.  
 Valliant, J., canned goods, Oxford, Md.  
 Valliant, W. H., & Bros., Bellevue, Md.  
 Vallonia Canning Co., Vallonia, Ind.  
 Vallowe Bros., masons' & bldrs.' matls., Homestead, Pa.  
 Valvatone Wood Needle Co., Kansas City, Mo.  
 Valvoline Oil Co., 11 B'way, New York.  
 Valz, E. G., & Co., granite producers, Fitzwilliam Depot, N. H.  
 Valz Granite Co., Barre, Vt.  
 Valz, John P., granite producers, Fitzwilliam Depot, N. H.  
 Van Ackeren Bros., flour, Cedar Rapids, Neb.  
 Vanadium Alloys Steel Co., die blocks, billets, etc., Latrobe, Pa.  
 Vanadium Metals Co., Vanadium Bldg., Pittsburgh, Pa.  
 Van Aken, C. M., Cooperage Co., 141 B'way, New York.  
 Van Aken, Chas. H., Co., contractors, 148 W. 4th, New York.  
 Van Aken, Geo. J., contractor, Poughkeepsie, N. Y.  
 Van Akin, S. L., Jr., desk tele. brackets, Liverpool, N. Y.  
 Van Alen & Co., nails, rolling mills, etc., Northumberland, Pa.  
 Van Alstine, G. M., contractors, Ithaca, N. Y.  
 Van Alstyne Cotton Oil Co., meal, Van Alstyne, Tex.  
 Van Alstyne Roller Mills, flour, Van Alstyne, Tex.  
 Van Alstyne, Walter, & Co., contractors, Rockford, Ill.  
 Van Amringe Granite Co., 167 Tremont, Boston, Mass.  
 Van Amringe, Theo., & Son, emery & pumice stone importers, 81 Fulton, New York.  
 Van Antwerp, Dudley S., architect, 44 Church, Jersey City, N. J.  
 Van Arnam Mfg. Co., plumbers' supplies, Fort Wayne, Ind.  
 Van Arnam, Marshall E., architect, State Life Bldg., Indianapolis, Ind.  
 Van Arsdale, Wm., bridle bits, Racine, Wis.  
 Vanardsdill, R. S., flour mills, Vanardsdill, Ky.  
 Van Arx, Geo. W., architect, 75 Montgomery, Jersey City, N. J.  
 Van Assche, F., architects, horticultural, 150 Fulton av, Jersey City, N. J.  
 Vanatta, Mrs. F. M., cornices, Boonville, Mo.  
 Vanatta, John C., contractor, Brookston, Ind.  
 Van Auker, C. E., hack saw machs., 216 N. Clinton, Chicago, Ill.  
 Van Auker, Geo. H., architect, 1265 B'way, New York.  
 Van Bebber Bros., machinists, Petaluma, Cal.  
 Van Bergen, Jno. S., architect, Caldwell Bldg., Oak Park, Ill.  
 Van Bergh Silver Plate Co., Rochester, N. Y.  
 Van Blerck Motor Co., marine engines, Monroe, Mich.  
 Van Bree, Arie, wholesale hardware, Grand Rapids, Mich.  
 Van Briggie Tile & Pottery Co., Colorado Springs, Colo.  
 Van Brocklin & Son, knitted gloves, Northville, N. Y.  
 Van Brunt, A., & Co., archts., Reliance Bldg., Kansas City, Mo.  
 Van Brunt, C. P., Mfg. Co., sash, door & blind, Moscow, Pa.  
 Van Brunt, Cortlandt, Gloyd bldg., Kansas City, Mo.  
 Van Brunt, J. C., & Sons, lumber, 291 Monroe, New York.  
 Van Brunt, John, architect, Republic Bldg., Kansas City, Mo.  
 Van Brunt Mfg. Co., agricultural implements, Horicon, Wis.  
 Van Buren Bros., loose leaf devices, 673 W. Madison, Chicago, Ill.  
 Van Buren, Charles, architect, Newark, N. Y.  
 Van Buren, J. M., & Co., paper & pulp mills, Mellenville, N. Y.  
 Van Buskirk & Bro., masons' & bldrs.' matls., Pottstown, Pa.  
 Van Buskirk, John W., ladders, Lawrence, Mass.  
 Van Camp, Geo., & Sons Co., canned goods, Westfield, Ind.  
 Van Camp Hardware & Iron Co., 401 W. Maryland, Indianapolis, Ind.  
 Van Camp & Newdigate, carriages, Mays Lick, Ky.  
 Van Camp Packing Co., canned goods, Indianapolis, Ind.  
 Van Camp Sea Food Co., canners, San Pedro, Cal.  
 Vance & Baker Mfg. Co., machsts. & fndrs., Muscatine, Ia.  
 Vance, Charles H., architect, Westchester, Pa.  
 Vance Contracting Co., 1st Natl. Bank Bldg., Birmingham, Ala.  
 Vance, D. T., raw mica, Plumtree, N. C.  
 Vance, E. J., Box Co. (Ltd.), Bay City, Mich.  
 Vance, F. W., Co., canned goods, Columbia City, Ind.  
 Vance Guano Co., fertilizer mfrs., Henderson, N. C.  
 Vance, J. A., & Co., machinists, Winston-Salem, N. C.  
 Vance, J. B., heaters, Geneva, N. Y.  
 Vance, J. L., & Co., fertilizer mfrs., Chilhowie, Va.  
 Vance, J. P., architect, Louis Blk, Dayton, Ohio.  
 Vance, Jas. R., steam fitters' supplies, Geneva, N. Y.  
 Vance, John C., wholesale hardware, Chattanooga, Tenn.  
 Vance, Jos. M., architect, 24 North, Pittsfield, Mass.  
 Vance-Lucke Co., heating contrs., 416 Home, Cincinnati, Ohio.  
 Vance, R. B., flour mills, Abingdon, Va.  
 Vance-Velter Co., traps, steam, Phipps Power Bldg., Pittsburgh, Pa.  
 Van Cleeck, E. L., architect, Santa Cruz, Cal.  
 Van Cleef Bros., hand soap, 7711 Woodlawn av, Chicago, Ill.  
 Van Cooperage, Jno. P., masons' & bldrs.' matls., La Porte, Ind.  
 Vancouver Flour Mills Co., Vancouver, Wash.  
 Vanda Co., packing mfrs., 25th & Madison av, New York.  
 Vandalia R. R. Shops, machsts. & fndrs., Terre Haute, Ind.  
 Van Dalsem, W. S., architect, Danville, Ky.  
 Van Damme, T., architect, Mount Clemens, Mich.  
 Vandaveer, Jennings, brick, Houston, Tex.  
 Van De Carr Paper Co., Stockport, N. Y.  
 Van de Carr & Stacy, contractors, Hudson, N. Y.  
 Vandenberg, C. C., architect, Scarritt Bldg., Kansas City, Mo.  
 Van der Arend, Nicholas, architect, Hagerman Bldg., Colorado Springs, Colo.



- Vander, Bent T. J., architect, 101 Park av, New York.  
 Vander Clute, W. W., architect, 55 B'way, New York.  
 Vander Heyden, Fred H., brick, Ionia, Mich.  
 Vanderbeck & Sons, lbr., Green, Jersey City, N. J.  
 Vanderbeek, A., machst. & fndr., Hartford, Conn.  
 Vanderbeek, Nelson K., architect, Englewood, N. J.  
 Vanderberg Bros., contractors, 5802 Pemberton, Phila., Pa.  
 Vanderbilt, Clarence A., silver nov., 344 W. 38th, New York.  
 Vanderbilt Distilling Co., Vanderbilt, Pa.  
 Vanderbilt, E. D., Co., masons' & bldrs.' matls., Hoboken, N. J.  
 Vanderbilt, Edw. W., ties, poles, etc., 126 Liberty, New York.  
 Vanderbilt, R. T., Co., clay miners & shippers, 50 E. 42nd, New York.  
 Vanderbilt Univ., engng. school & coll., Nashville, Tenn.  
 Van Deren Hardware Co., Lexington, Ky.  
 Vandergrift Box Co., crates, Vandergrift, Pa.  
 Vandergrift Dist. Co., Fredericktown, Pa.  
 Vanderhoof Lime Co., Hamburg, N. J.  
 Vanderhoof, Peter, & Sons, Co., contractors, 285 Broad, New York, N. J.  
 Vanderlip, H. E., & Co., steel struct. dlrs., 19 S. La Salle, Chicago, Ill.  
 Vanderman Mfg. Co., machsts. & fndrs., pipe vises, Willimantic, Conn.  
 Van der Naillen's School of Engng., Sharon Bldg., San Francisco, Cal.  
 Vanderoef, John J., & Son, masons' & bldrs.' matls., Montgomery, N. Y.  
 Vanderslice-Stahmer Shoe Co., Davenport, Ia.  
 Vanderstucken-Ewing Constr. Co., Bethlehem, Pa.  
 Vanderveer, John, architect, Dubuque, Ia.  
 Van Dervoort Supply Co., masons' & bldrs.' matls., Jamestown, N. Y.  
 Vandervort, John, machst., Laceyville, Pa.  
 Vanderweil, Garret, contractor, Paterson, N. J.  
 Vanderwerf Co., contractors, 1234 Chester av, N. E., Cleveland, Ohio.  
 Van Der West & Pease, architects, Muskegon, Mich.  
 Van Deusen, H. M., Whip Co., Westfield, Mass.  
 Van Deusen, J. E., masons' & bldrs.' matls., Gowanda, N. Y.  
 Van Devere, Marvin C., carriages, Council Bluffs, Iowa.  
 Van de Venter & Son Canning Co., Dundee, Mich.  
 Vandevort, R. G., architect, Bellevue, Pa.  
 Van Dinter, Louis H., organs, Mishawaka, Ind.  
 Vandivort, Wm. M., machsts., Nowata, Okla.  
 Van Doorn Co., ornamental iron; railings, etc., 210 Vermont, Quincy, Ill.  
 Van Doorn, Wallace, & Son, contractors, 229 W. 36th, New York.  
 Van Doren, E. I., electrical fixtures, Troy, N. Y.  
 Van Doren Roofing & Cornice Co., Seattle, Wash.  
 Vandoren, Wm. C., architect, Morristown, N. J.  
 Van Dorn Coupler Co., car couplers & ends, & draw-bar attachments, 2325 S. Paulina, Chicago, Ill.  
 Van Dorn & Dutton Co., gearing, 2978 Woodhill rd, Cleveland, Ohio.  
 Van Dorn Electric Tool Co., 2978 Woodhill rd, Cleveland, Ohio.  
 Van Dorn Iron Works Co., steel desks, 2700 E. 79th, Cleveland, Ohio.  
 Van Dorp, L., cornices & skylights, Topeka, Kans.  
 Van Duesen, C. A., Co., meat packers, Hudson, N. Y.  
 Van Duvne, Orlin S., machsts., Boonton, N. J.  
 Van Duzen, E. W., Co., bell founders, pump mfrs., etc., 428-434 E. 2d, Cincinnati, Ohio.  
 Van Duzen-Roys Co., concrete mixers, etc., Hartman Bldg., Columbus, Ohio.  
 Van Dyck, A. R., architect, McKnight Bldg., Minneapolis, Minn.  
 Vandyck Churchill Co., machy. dlrs., 91 Liberty, New York.  
 Van Dyck Panel Mfg. Co., car ceilings, Bound Brook, N. J.  
 Vandyke Piano Mfg. Co., Scranton, Pa.  
 Vane-Calvert Paint Co., 1601 N. Broadway, St. Louis, Mo.  
 Van Emon Elevator Co., 54 Natoma, San Francisco, Cal.  
 Vanes, Jno., Boiler Works Co., Brazil, Ind.  
 Van Ess, Jno. K., architect, Aberdeen, S. D.  
 Vanetti Granite Co., Barre, Vt.  
 Van Expansion Bolt Mfg. Co., 105 W. Monroe, Chicago, Ill.  
 Van Fleet Mfg. Co., machsts., Joliet, Ill.  
 Van Fossan, Jefferson P., contractor, Rockville, Ind.  
 Van Fossen, H. H., Mfg. Co., elec. & gas light fixtures, 163 N. Wabash av, Chicago, Ill.  
 Vang Construction Co., Cumberland, Md.  
 Van Gel, John, & Sons, meat packers, 153 W. Russell av, St. Louis, Mo.  
 Van Gilder, Ralph Hayes, architect, Ocean City, N. J.  
 Vanguard Mfg. Co., auto. windshields, Conant rd & G. T. R. R. Hamtramck, Detroit, Mich.  
 Van Gundy, J. A., contractor, Lancaster, Ohio.  
 Van Gundy & Thomas, masons' & bldrs.' matls., Rockfield, Ind.  
 Van Guysling, W. H., architect, 1 Clinton sq, Albany, N. Y.  
 Van Haftten Construction Co., Joplin, Mo.  
 Van Hook, Geo. M., architect, 411 Walnut, Philadelphia, Pa.  
 Van Horn & Loven, architects, 209 7th, Bismarck, N. D.  
 Van Horn, Oliver H., mill & facty. supplies, 518 Camp, New Orleans, La.  
 Van Horn-Shaw Construction Co., Fort Worth, Tex.  
 Vanhorne, D. A., & Co., plate glass, 311 Mt. Pleasant av, New York, N. J.  
 Van Horne, Philip T., architect, Sterling, Ill.  
 Van Houten, A. B., & Son, contractors, Paterson, N. J.  
 Van Houten, E. J. S., burners, mantles, 96 Park pl, New York.  
 Van Houten, Ersskine, contractor, 201 E. 68th, New York.  
 Van Hoven, John H. H., metal & brass signs, 42 E. 9th, New York.  
 Van Hoy & Son, contractors, Loogootee, Ind.  
 Van Iderstine, C. C., contractor, Marquette, Mich.  
 Van Iderstine Co., tallow, Long Island City, N. Y.  
 Van Ingen, Hendrik, architect, Rochester Savings Bank Bldg., Rochester, N. Y.  
 Van John Range Co., 5th & Broadway, Cincinnati, Ohio.  
 Van Kannel Revolving Door Co., 250 W. 54th, New York.  
 Van Keulen & Winchester Lumber Co., Grand Rapids, Mich.  
 Van Keuren & Son, belt buckles, Harrison, N. J.  
 Van Keuren & Son, masons' & bldrs.' matls., 501 Passaic av, Newark, N. J.  
 Van Kirk, J. L., & Son, contractors, Canton, Ohio.  
 Van Kirk, John P., masons' & bldrs.' matls., Laporte, Ind.  
 Van Kirk, M. L., & Son, architects, Waterloo, N. Y.  
 Van Kirk, P. S., Co., contractors, Paterson, N. J.  
 Van Kirk, Walter M., Harrison Bldg., Philadelphia, Pa.  
 Van Laak Mfg. Co., 3281 Harrison, San Francisco, Cal.  
 Van Laanen, Arnold, common brick, De Pere, Wis.  
 Van Landegend, G. A., cornices, Holland, Mich.  
 Van Landegend, Tyler, cornices, Holland, Mich.  
 Vanleer Bros., lumber, Brookville, Pa.  
 Vanleer, E. S., masons' & bldrs.' matls., Manasquan, N. J.  
 Van Leyen & Schilling, architects, Union Trust Bldg., Detroit, Mich.  
 Van Loon, F. W., contractor, Denckla Bldg., Philadelphia, Pa.  
 Van Maldern F., stone carvers, 5th & Jumonville, Pittsburgh, Pa.  
 Van Meter, W. W., contractor, New Orleans, La.  
 Van Ness, M. B., machinist, Welsh, La.  
 Vanneste Bros., chicory mfrs., Capsac, Mich.  
 Vannevar, Edmund B., & Co., water closet mfrs., 85 Atlantic av, Boston, Mass.  
 Van Nimwegan, A. P., & Bro., paint mfrs., Pella, Ia.  
 Van Noorden, E., & Co., cornices & skylights, etc., 100 Magazine, Boston, Mass.  
 Van Norman Machine Tool Co., machine tool mfrs., Wilbraham av, Springfield, Mass.  
 Van Nort Carbon Brush Co., St. Louis, Mo.  
 Van Nostrand Mfg. Co., lubrg. oils & greases, 91 Park pl, New York.  
 Van Nostrand Saddlery Co., Muscatine, Ia.  
 Vannote Lumber Co., Point Pleasant, N. J.  
 Vannatta, A. L., machst. & fndr., Columbia, Mo.  
 Van Nouhuys Machine Works, Albany, N. Y.  
 Van Nuys, P. C., architect, Somerville, N. J.  
 Van Orden, Matthew Co., masons' & bldrs.' matls., Houghton, Mich.  
 Van Ormer, Roy H., architect, 7132 Race, Pittsburgh, Pa.  
 Vanosdall, Clark, machinist & founder, Eldon, Mo.  
 Van Patten Co., contractors, Salem, Ore.  
 Van Pelt, Geo. H., cutting dies, 440 W. Huron, Chicago, Ill.  
 Van Pelt, Jno. V., architect, 381 4th av, New York, & Stock Exchange Bldg., Philadelphia, Pa.  
 Van Pool Bros., contractors, Janesville, Wis.  
 Vanport Brick Co., fire, Farmers' Bank Bldg., Pittsburgh, Pa.  
 Van Rensselaer, C. G., architect, 175 Jay, Schenectady, N. Y.  
 Van Rhien Constr. Co., 353 40th, Milwaukee, Wis.  
 Van Riper Mfg. Co., mill & facty. supplies, Paterson, N. J.  
 Van Roden, Frank, contractor, Rutherford, N. J.  
 Van Ryn & De Gelleke, architects, Caswell blk, Milwaukee, Wis.  
 Van Sant-Houghton Co., contractors, 503 Market, San Francisco, Cal.  
 Van Sant, J. R., Construction Co., Dwight Bldg., Kansas City, Mo.  
 Vansant, Kitchen & Co., lumber mfrs., Ashland, Ky.  
 Van Sant, Robt. L., contrs., Fullerton Bldg., St. Louis, Mo.  
 Vansant, S. G., ship bldr., Atlantic City, N. J.  
 Van Schaack Bros. Chemical Works, oil (fuel), 444 W. Huron, Chicago, Ill.  
 Van Sickel, W. B., heating contrs., 707 Frankfort av, Cleveland, Ohio.  
 Van Sicklen Co., speedometers, Elgin, Ill.  
 Van Slyck, Chas. B., architect, Beacon, N. Y.  
 Van Slyke, F. J., & Co., machsts., Linesville, Pa.  
 Van Slyke-Woodruff & Muller, architects, Burk Burnett Bldg., Fort Worth, Tex.  
 Van Steen, J. H., Co., masons' & bldrs.' matls., Beatrice, Neb.  
 Van Steutendael, Arthur J., architect, 15 N. B'way, Yonkers, N. Y.  
 Vanstone, Walter, cornices, 2910 E. 18th, Kansas City, Mo.  
 Van Tilburg Oil Co., lubrg., 2424 University av, S. E., Minneapolis, Minn.  
 Van Tine, G. N., masons' & bldrs.' matls., Caro, Mich.  
 Van Tine, W. H., architect, Fisher Arcade, Detroit, Mich.  
 Van Trees, P. J., architect, 210 W. 7th, Los Angeles, Cal.  
 Van Valkenburg, Carlton, architect, 300 5th av, New York.  
 Van Valkenburg, L. D., pen clips, stationers' specialties, water filters, etc., Holyoke, Mass.  
 Van Vleck & Goldsmith, architects, 111 5th av, New York.  
 Van Voorhees & Harvey, architects, Hale Bldg., Phila., Pa.



- Van Vorhies, A. A., & Co., horse collars, Sacramento, Cal.  
 Van Vorst, C. B., Co., mattresses, Los Angeles, Cal.  
 Van Wambeke, H. F., carriages, Elgin, Ill.  
 Van Wagner, E. B., Mfg. Co., fuse shrapnel plugs, Syracuse, N. Y.  
 Von Wagner, E. B., Mfg. Co., machsts. & fndrs., Fayetteville, N. Y.  
 Van Wagner, Geo. E. B., masons' & bldrs.' matls., Hyde Park, N. Y.  
 Van Wagoner Co., hinge mfrs., Lima, Ohio.  
 Van Wagoner-Linn Constr. Co., 1133 B'way, New York.  
 Van Weelden, H., architect, Babylon, N. Y.  
 Van Wert Novelty Co., match safes, Van Wert Co.  
 Van Wie Pump Co., 715 W. Fayette, Syracuse, N. Y.  
 Van Winkle, J. A., Co., steamfitters' supps., 168 Main, Paterson, N. J.  
 Van Winkle Motor Truck Co., Atlanta, Ga.  
 Van Wolkenburg, Forest D., architect, Kalamazoo, Mich.  
 Vant Woud Rubber Co., rubber bath sprays, 168 39th, B'klyn, N. Y.  
 Van Wyck & Stringham, buckwheat flour, Fishkill Plains, N. Y.  
 Van Zandt Gas Appliance Co., parlor gas grates, 405 Olive, St. Louis, Mo.  
 Van Zandt-Moore Iron Wks., Fort Worth, Tex.  
 Vaparaiso Univ., engng. schools & coll., Vaparaiso, Ind.  
 Vapo-Cresoline Co., disinfectants, 62 Cortland, New York.  
 Vapor Heating Co., North American Bldg., Philadelphia, Pa.  
 Vapor-Vacuum Heating Co., 1215 Walnut, Philadelphia, Pa.  
 Vapor Valve Co., pneu. spray brushes, St. Louis, Mo.  
 Vane, Edwin H., contractor, Lincoln Bldg., Philadelphia, Pa.  
 Varian Bros., architects, 400 Oliver pl, New York.  
 Varian, Chester C., architect, 741 E. 232d, New York.  
 Varian & Varian, architects, Gas & Elec. Bldg., Denver, Colo.  
 Varick, Jno. B., Co., mill & facty. supplies, whol. hdwe., Manchester, N. H.  
 Variety Iron Wks., grey iron castings, Seattle, Wash.  
 Variety Iron & Steel Work Co., castings, etc., Hamilton & E. 40th, Cleveland, Ohio.  
 Variety Mfg. Co., doors, hoists, shutters, etc., 2958 Carroll av, Chicago, Ill.  
 Varley, Geo., & Sons, contractors, 29 Hudson, Newark, N. J.  
 Varn & Platt Co., canned goods, Savannah, Ga.  
 Varnay, Geo., machst. & fndr., Kennebunk, Me.  
 Varner, J. M., masons' & bldrs.' matls., Sasser, Ga.  
 Varney Htg. & Mfg. Co., machsts., Leavenworth, Kans.  
 Varney, Isaac, & Sons Co., box shooks, Fall River, Mass.  
 Varney, N. E., miners' candlesticks, Denver, Colo.  
 Varney, Penn, architect, 25 Exch., Lynn, Mass.  
 Varney & Varney, architects, Palmer Bldg., Detroit, Mich.  
 Varney & Winter, architects, Dime Bank Bldg., Detroit, Mich.  
 Varnum, Percy E., contractor, 246 Varnum av, Lowell, Mass.  
 Varon, David I., architect, 150 Nassau, New York.  
 Varrone, Crescent L., architect, Corona, N. Y.  
 Varwig Mfg. Co., electric pumps, 120 Opera pl, Cincinnati, O.  
 Vasconcellos & Sons, contractors, Jacksonville, Ill.  
 Vasil Steam Systems, Hudson, Mass.  
 Vassar Chemical Co., Danbury, Conn.  
 Vassar Knitting Wks., Bay City, Mich.  
 Vassar Milk Condensing Co., canned, Detroit, Mich.  
 Vassar Freres, briar wood, 28 Front, New York.  
 Vassiloros Contr. Co., 154 Nassau, New York.  
 Vaughan & Bushnell Mfg. Co., hdwe. mfrs., 2114 Carroll av, Chicago, Ill.  
 Vaughan Constr. Co., Roanoke, Va.  
 Vaughan, H. G., contractor, 68 Post, San Francisco, Cal.  
 Vaughan, Henry, architect, 20 Pemberton sq., Boston, Mass.  
 Vaughan & Kibbe, contractors, Springfield, Mass.  
 Vaughan, Louis, architect, Blair, Neb.  
 Vaughan Lbr. Co., San Antonio, Tex.  
 Vaughan Mfg. Co., agricultural implements, Jefferson, Wis.  
 Vaughan Novelty Mfg. Co., advertising specialties, 703 Fulton, Chicago, Ill.  
 Vaughan-O'Neil & Co., glass stainers, 82 Sudbury, Boston, Mass.  
 Vaughan Paint Co., Columbus & Big 4, Cleveland, Ohio.  
 Vaughn, C. P., & Dunn, woolen blankets & flannels, Willis, Va.  
 Vaughn, C. S., Co., contractors, Buhl Bldg., Detroit, Mich.  
 Vaughn Foundry Co., Norwich, Conn.  
 Vaughn, George, architect, 13 Central sq, Youngstown, Ohio.  
 Vaughn, J. T., boot counters, Haverhill, Mass.  
 Vaughn, L., Co., sash, door & blind mfrs., 1153 Westminster, Providence, R. I.  
 Vaughn Lbr. Co., Houston, Tex.  
 Vaughn, Merrill T., architect, Woodridge, D. C.  
 Vaughn, S. Hudson, architect, Atlantic City, N. J.  
 Vaughn, T. C., tanning mills, Morris, Minn.  
 Vaughn, W. A., architect, Barrister Bldg., Washington, D. C.  
 V. & D. Elec. Co., lamps, Franklin, Ohio.  
 Veach, J. M., Co., flour, Adairsville, Ga.  
 Veale Bros., contractors, Hazleton, Pa.  
 Veazie, W. D., & Co., lbr., West Thornton, N. H.  
 Veeder & Brown, lumber mfrs., Schenctady, N. Y.  
 Veeder Mfg. Co., pole counters, cyclometers, etc., Sargeant & Garden, Hartford, Conn.  
 Veerac Co., automobile bldrs., Anoka, Minn.  
 Veaser, Frank, archl. iron, 228 E. 150th, New York.  
 Vega Separator Co., Fostoria, Ohio.  
 Vegliante, Anton L., architect, Garfield, N. J.  
 Vehicle Spec. Co., washers, Hartford, Conn.  
 Vehicle Supply Co., neck yokes, Cairo, Ill.  
 Vehicle Top & Supply Co., 3414 Lindell av, St. Louis, Mo.  
 Veide, C. L., & Co., contractors, Pekin, Ill.  
 Veide, Roelfs & Co., whol. hdwe., Pekin, Ill.  
 Veihmeyer & Laphis, stone producers, 1420 Ohio av, N. W., Washington, D. C.  
 Veiling, Anton, machst., Yankton, S. D.  
 Veit Mfg. Co., interior finish mfrs., Grand Rapids, Mich.  
 Veitch, W. P., building & asphalt paving contr., Richmond, Va.  
 Veitch, W. T., & Bro., contractors, Oakland, Cal.  
 Veide, Roelfs & Co., mill & facty supplies, Pekin, Ill.  
 Velie Carriage Co., Moline, Ill.  
 Velie Motors Corp., Moline, Ill.  
 Velt, Herman, Inc., contractor, 260 De Voe, Brooklyn, N. Y.  
 Velte Foundry & Mach. Mo., Mars, Pa.  
 Veltengruber Bros., lumber, Frankenmuth, Mich.  
 Veltetta Mfg. Co., sweeping compounds, 142 N. 4th, Phila., Pa.  
 Venable Bros., crushed stone, Atlanta, Ga.  
 Venango Mfg. Co., machsts. & fndrs., Franklin, Pa.  
 Venderbush & Looman Co., exhaust & blow piping, Detroit, Mich.  
 Vendome Copper & Brass Works, Louisville, Ky.  
 Veneer Oil Co., Lattimore, N. C.  
 Veneer Products Co., packing box mfrs., Greenville, Me.  
 Veness, J. A., Lumber Co., Winlock, Wash.  
 Veness, J. W., machinist & founder, Albert Lea, Minn.  
 Venetian Marble Mosaic Art Co., 211 Monroe, Detroit, Mich.  
 Venetian Marble & Granitoid Co., 2233 Clark av, St. Louis, Mo.  
 Venjamin, Geo. P., whol. hdwe., 110 W. 40th, New York.  
 Venn-Severin Machine Co., lavatory locks, 1317 W. North, Chicago, Ill.  
 Ventilating Closet Seat Co., Wausau, Wis.  
 Ventura Mfg. & Implement Co., machinists, Ventura, Cal.  
 Ventura Refining Co., 454 S. Spring, Los Angeles, Cal.  
 Venus Elec. Lamp Co., Detroit, Mich.  
 Vera Cedar Co., lumber, Arlington, Wash.  
 Vera Chemical Co., rosin sizings, Hopkins & Villard avs, N. Milwaukee, Wis.  
 Verbeek, Harry, steam fitters' supplies, 175 W. Jackson blvd, Chicago, Ill.  
 Verdeckburg Iron & Wire Works Co., Denver, Colo.  
 Verdel, E. F., & Co., cornices & skylights, Memphis, Tenn.  
 Verdi Lumber Co., Verdi, Nev.  
 Verdigris Valley Vitriified Brick & Tile Co., Neodesha, Kans.  
 Verdin, Kappes & Verdin Co., dies, etc., 2d & Central, Cincinnati, Ohio.  
 Verdon & Co., marine steering gears, Richmond Terrace, W. New Brighton, S. I., N. Y.  
 Verduin, Abraham, contractor, Paterson, N. J.  
 Verges, Fred., cornices, 2543 Vine, Cincinnati, Ohio.  
 Verges Mfg. Co., machsts., 405 4th, Milwaukee, Wis.  
 Verhaegre, A., cornices, 564 Mt. Elliott, Detroit, Mich.  
 Vermenlen, A. A., architect, 253 S. Broadway, Los Angeles, Cal.  
 Vermillion Malleable Iron Co., machsts. & fndrs., Hoopeston, Ill.  
 Vermillion, Wm., contractor, Newman, Ill.  
 Vt. Butter Tub Co., Barton, Vt.  
 Vt. Farm Machine Co., Bellows Falls, Vt.  
 Vt. Hardware Co., Burlington, Vt.  
 Vt. Marble Co., Proctor, Vt.  
 Vt. Shade Roller Co., Burlington, Vt.  
 Vt. Snath Co., brass fndrs., Springfield, Vt.  
 Vt. Soapstone Co., griddles & foot warmers, Perkinsville, Vt.  
 Vt. Spool & Bobbin Co., Burlington, Vt.  
 Vt. Talc Co., Holyoke, Mass.  
 Vt. Unfading Green Slate Co., Fair Haven, Vt.  
 Vernia, John, & Son Marble Co., stone producers, New Albany, Ind.  
 Vernon, E. G., & Son, masons' & bldrs.' matls., Anderson, Ind.  
 Vernon Mfg. Co., horns (automobile), Los Angeles, Cal.  
 Vernon Metal & Produce Co., pig lead, ingots, etc., 25 Beaver, New York.  
 Vernon, S. E. & M., pads & tablets, 65 Duane, New York.  
 Vernon, Watson, architect, Aberdeen, Wash.  
 Verona Steel Castings Co., Verona, Pa.  
 Verona Tool Works, Oliver Bldg., Pittsburgh, Pa.  
 Veronesi Mfg. Co., granite producers, East Barre, Vt.  
 Verplank, J. J., architect, Gary, Ind.  
 Verrone, L., scrap rubber, 209 Charlton, Newark, N. J.  
 Versailles Sanitary Fibre Mills, cotton, Versailles, Conn.  
 Versoy, Irving R., architect & motor boat bldr., Morris Cove, New Haven, Conn.  
 Versteeg Brick Co., masons' & bldrs.' matls., 1027 Tillanook, Portland, Ore.  
 Vertical Condenser Co., Gerke Bldg., Cincinnati, Ohio.  
 Very, A. O., contractor, Mason Bldg., Los Angeles, Cal.  
 Very, Samuel R. T., architect, 70 E. 45th, New York.  
 Vertz, Geo. R., & Co., contractors, 1615 Nicollett av, Minneapolis, Minn.  
 Verville, A. J., contractor, Hancock, Mich.  
 Vesper Wood Mfg. Co., silos, Vesper, Wis.  
 Vesta Accumulator Co., rheostats, storage battery charging sets, 2100 Indiana av, Chicago, Ill.  
 Vesta Gas Range & Mfg. Co., Chattanooga, Tenn.  
 Vestal Liquid Soap & Disinfectant Co., 1121 Pine, St. Louis, Mo.  
 Vestal Lumber & Mfg. Co., Knoxville, Tenn.



- Vester, J. W., architect, Washington, Pa.  
 Vester & Son, architects, Mutual Sav. Bk. Bldg., Wheeling, W. Va.  
 Vester, Stewart & Rossell Co., contractors, Washington, Pa.  
 Vesuvius Lumber Co., Montgomery, Ala.  
 Vesuvius Plow Works, machsts. & fndrs., Vesuvius, Va.  
 Vette & Zunker, meat packers & canned goods, 220 N. Green, Chicago, Ill.  
 Vetter, C. B., cornices & skylights, Pensacola, Fla.  
 Vetter, Frank J., stone, Jefferson City, Mo.  
 Vetter, H. G., architect, United Bk. Bldg., Cleveland, Ohio.  
 Vetter, H. J., machst. & fndr., Jefferson City, Mo.  
 Vetter Mfg. Co., filing cabinets, Rochester, N. Y.  
 Vetter Mfg. Co., sash, door & blind, Stevens Point, Wis.  
 Viall Motor Car Co., 21 E. 111th, Chicago, Ill.  
 Viall, O. A., masons' & bldrs.' matls., 11820 S. Union av, Chicago, Ill.  
 Viani, Alexandro, statuary marble, 114 Centre, New York.  
 Vianney Wire Die Works, wire die mfrs., 1 Union sq, New York.  
 Vibrassage Co., vibrators, 659 Wells, Chicago, Ill.  
 Vibrator Instrument Co., fndrs., Chattanooga, Tenn.  
 Vicary, Geo. S., machst., Lima, Ohio.  
 Vickers, A., architect, 70 E. 45th, New York.  
 Vickers Construction Co., 280 W. 113th, New York.  
 Vickers & Sandlin, turpentine, Bakers Mills, Fla.  
 Vickery, John W., architect, Sibley Bldg., Rochester, N. Y.  
 Vicksburg Boiler & Iron Works, Vicksburg, Miss.  
 Vicksburg Governor Co., Vicksburg, Mich.  
 Victor Animatograph Co., machinery, Davenport, Ia.  
 Victor-Balata & Textile Belting Co., belting mfrs., 38 Murray, New York.  
 Victor Brass Mfg. Co., machsts. & fndrs., 6813 Wade Park av, Cleveland, Ohio.  
 Victor Buggy & Auto Top Co., 1545 N. B'way, St. Louis, Mo.  
 Victor Chemical Works, baking powder matls., Fisher Bldg., Chicago, Ill.  
 Victor Cotton Oil Co., fertz. mfrs., Gaffney, S. C.  
 Victor Electric Co., dynamo & motor mfrs., etc., Jackson blvd & Robey, Chicago, Ill.  
 Victor Iron Works, Inc., 1106 Brook av, New York.  
 Victor Iron Works Co., 7th & Victor, St. Louis, Mo.  
 Victor Jar Co., 321 Monroe av, Detroit, Mich.  
 Victor Machine Works, St. Louis, Mo.  
 Victor Mfg. Co., machsts. & fndrs. & hdwe. mfrs., Newburyport, Mass.  
 Victor Mfg. Co., track jacks, Bloomfield, Ind.  
 Victor Mfg. Co., washing machines, Leavenworth, Kans.  
 Victor Mfg. & Gasket Co., 1956 S. Troy, Chicago, Ill.  
 Victor Milling Co., flour, Victor, N. Y.  
 Victor Mills Co., flour, Morgantown, W. Va.  
 Victor Preserving Co., Victor, N. Y.  
 Victor Rubber Co., Springfield, Ohio.  
 Victor Safe & Lock Co., Cleanev av & N. & W. Belt Line, Cincinnati, Ohio.  
 Victor Shaw Ring Traveler Co., 23 Sabin, Providence, R. I.  
 Victor Spec. Co., razor stropers, Canton, Ohio.  
 Victor Sporting Goods Co., Springfield, Mass.  
 Victor Spring Bed Co., 208 W. Robinson, Pittsburgh, Pa.  
 Victor Steel Co., 50 Broad, New York.  
 Victor Storage Battery Co., Rock Island, Ill.  
 Victor Stove Co., Salem, Ohio.  
 Victor Talking Machine Co., machsts., Camden, N. J.  
 Victor Tool Co., chuck & tap mfrs., Waynesboro, Pa.  
 Victor Typewriter Co., 280 Madison av, New York.  
 Victor Vacuum Cleaner Co., 224 High av, Cleveland, Ohio.  
 Victor, Wm. A., machinist, Eureka, Cal.  
 Victoria Bldg. & Contr. Co., 35 W. 39th, New York.  
 Victoria Button Works, 31 E. 32d, New York.  
 Victoria Lumber Co., Ltd., Shreveport, La.  
 Victoria Marble Co., Knoxville, Tenn.  
 Victoria Metal Co., machsts. & fndrs., Erie, Pa.  
 Victoria Paper Mills Co., Fulton, N. Y.  
 Victoria Plush Mills, Swarthmore, Pa.  
 Victoria Safe & Lock Co., Victoria, Tex.  
 Victoria White Granite Co., Keene, N. H.  
 Victorsohn, Morris, iron, 199 3d, Jersey City, N. J.  
 Victorson Varnish Co., 100 William, New York.  
 Victrolene Company, automobile & furniture polish mfrs., 39 Pearl, Boston, Mass.  
 Vidalia Chemical Co., Vidalia, Ga.  
 Viehe-Naess Ivar, architect, 64 E. Van Buren, Chicago, Ill.  
 Vienna Braid & Tape Co., Pawtucket, R. I.  
 Vienna Canning Co., Vienna, Ind.  
 Vienna Pearl Button Mfg. Co., 20 W. 27th, New York.  
 Vierengel, Mathew, bag making machy., 32 S. 6th, Brooklyn, N. Y.  
 Vierheilg, C. G., architect, Houseman Bldg., Grand Rapids, Mich.  
 Vierkant, H. C., fire alarms, Tarrytown, N. Y.  
 Vierling Machine Co., Phipps Power Bldg., Pittsburgh, Pa.  
 Vierling Steel Works, 23d & Stewart av, Chicago, Ill.  
 Vielt & Co., cornices, Rockville, Md.  
 View, Wm. E., machst., Woodstock, Vt.  
 Viflex Camera Co., Springfield, Mass.  
 Vigo Am. Clay Co., hollow bldg. blocks, linings, drain tile, etc., Terre Haute, Ind.  
 Vigo Tile & Brick Co., Vigo, Ohio.  
 Vignaux, W. A., contractor, Englewood, N. J.  
 Viking Elec. Co., 152 Chambers, New York.  
 Viking Pump Co., Cedar Falls, Ia.  
 Viking Refrigerator & Mfg. Co., store & bar fixtures, 105 E. 7th, Kansas City, Mo.  
 Viking Shear Co., Erie, Pa.  
 Vila, H. S., Color Co., aniline colors, 243 S. 2d, Phila., Pa.  
 Vilas Bros., floor finish, paint mfrs., etc., 717 S. 5th av, Chicago, Ill.  
 Villa Rica Cotton Oil Co., Villa Rica, Ga.  
 Villanova Coll. of Technology, engng. schools & coll., Villanova, Pa.  
 Villaume Box & Lumber Co., Chicago & Ind. avs, & Walter, St. Paul, Minn.  
 Villinger Mfg. Co., machsts., Williamsport, Pa.  
 Vilsack, Martin, Co., bridge railings, 3222 Penn av, Pittsburgh, Pa.  
 Vilter Mfg. Co., Corliss engines & refrigerating machinery, 1046 Clinton, Milwaukee, Wis. *See adv index at end of book*  
 Vim Motor Co., machsts., Sandusky, Ohio.  
 Vim Motor Truck Co., Market & 23d, Philadelphia, Pa.  
 Vinal, Arthur H., architect, 19 Milk, Boston, Mass.  
 Vinal, Ralph S., landscape architect, 46 Cornhill, Boston, Mass.  
 Vincennes Bridge Co., steel structural works, Vincennes, Ind.  
 Vincennes Foundry & Machine Co., Vincennes, Ind.  
 Vincennes Galvanized Iron Works, cornices & skylights, Vincennes, Ind.  
 Vincennes Motor Mfg. Co., carbureters, Vincennes, Ind.  
 Vincennes Tractor Co., machsts. & fndrs., Vincennes, Ind.  
 Vincent-Alward Co., bed & furniture springs, auto. seals, etc., Kenosha, Wis.  
 Vincent, F. J., cotton & jute felts, mattresses, etc., Little Falls, N. Y.  
 Vincent, G. E., lumber, Anacortes, Wash.  
 Vincent, H. G., contractor, Billings, Mont.  
 Vincent, M., machinist, Selma, Cal.  
 Vincent Steel Process Co., case hardening, tempering to order, etc., 751 Bellevue av, Detroit, Mich.  
 Vincent Stone Co., Albion & Hulberton, N. Y.  
 Vincent, W. C., & Son, masons' & bldrs.' matls., brick, Harrison, Ohio.  
 Vincent-Wolters Co., hardware (whol.), Manistee, Mich.  
 Vindex Elec. Mfg. Co., machsts., Aurora, Ill.  
 Vinegar Bend Lumber Co., Vinegar Bend, Ala.  
 Vinegrove Lumber Co., Vinegrove, Ky.  
 Vineland Flint Glass Works, glassware, Vineland, N. J.  
 Vineland Scientific Glass Co., glassware, Vineland, N. J.  
 Viner & Son, organs, 30 Lansing, Buffalo, N. Y.  
 Viney, B. C., architect, Longmont, Colo.  
 Vinita Refining Co., petroleum, Vinita, Okla.  
 Vinton Canning Co., Vinton, Ia.  
 Vinton Co., contractors, Woolbridge & Beaubien, Detroit, Mich.  
 Vinton, Wm. H., & Son, paper & pulp mills, Brattleboro, Vt.  
 Vinyard Ship Building Co., Milford, Del.  
 Viola Milling Co., flour, Viola, Tenn.  
 Vipond Coal Co., masons' & bldrs.' matls., Altoona, Pa.  
 Vipond, John S., contractor, Altoona, Pa.  
 Virden Mfg. Co., chandelier chains, Ashland rd & Longfellow, Cleveland, Ohio.  
 Virgin, J. M., & Son, rattan furniture, Saco, Me.  
 Virgin, Wm. E., contractor, Concord, N. H.  
 Va. Brick Co., Arlington & Suffolk, Va., & Colorado Bldg., Washington, D. C.  
 Va. Bridge & Iron Co., machsts., fndrs., & steel structural work, Roanoke, Va., & Memphis, Tenn.  
 Va. Can Co., Buchanan, Va.  
 Va. Canning Co., Petersburg, Ill.  
 Va. Carolina Chemical Co., fertilizer mfrs., Augusta, Ga., & Richmond, Va.  
 Va.-Carolina Hardware Co., 1332 E. Main, Richmond, Va.  
 Va.-Carolina Supply Co., plumbers' supp., jobbers, Norfolk, Va.  
 Va.-Carolina Tie & Wood Co., lumber mfrs., Norfolk, Va.  
 Va. Cedar Wks., ladders, West Norfolk, Va.  
 Va. Consolidated Chemical Corp., chemical mfrs., 100 B'way, New York.  
 Va. Consolidated Milling Co., flour, cotton sheetings, canvas, etc., Petersburg, Va.  
 Va. Electrolytic Co., ferro-tungsten, ferro-chrome, etc., 99 Cedar, New York.  
 Va. Excelsior Co., Fredericksburg, Va.  
 Va. Forging & Mfg. Co., bronze forgings, Richmond, Va.  
 Va. Fdry. & Mach. Co., Virginia, Minn.  
 Va. Glass Co., bottles, Alexandria, Va.  
 Va. Iron, Coal & Coke Co., blast furnaces, Roanoke, Va.  
 Va. Iron & Metal Co., machsts., 7th & Semmes, Richmond, Va.  
 Va. Leather Co., belting mfrs., Richmond, Va.  
 Va. Lumber & Box Co., shooks, Petersburg, Va.  
 Va. Lumber & Mfg. Co., masons' & bldrs.' matls., Roanoke, Va.  
 Va. Machinery & Well Co., machinery dealer, Richmond, Va.  
 Va. Mfg. Co., paper dishes, plates, etc., Suffolk, Va.  
 Va. Metal Culvert Co., Roanoke, Va.  
 Va. Military Institute, engng. school & coll., Lexington, Va.  
 Va. Mills, flour, Suffolk, Va.  
 Va. Ore Mining Co., Fidelity Bldg., Duluth, Minn.  
 Va. & Pittsburgh Coal & Coke Co., Fairmont, W. Va.  
 Va. Polytechnic Institute, Blacksburg, Va.  
 Va. Portland Cement Co., Allentown, Pa.  
 Va. Products Corp., acids, oils, 3rd av & 8th, Baltimore, Md.



- Va. Railway Supply Co., guard rail fasteners, Norfolk, Va.  
 Va. & Rainy Lake Co., lbr., Duluth, Minn.  
 Va. Roofing & Cornice Co., Virginia, Minn.  
 Va. Sand & Gravel Co., Petersburg, Va.  
 Va. School Supply Co., heating system, Richmond, Va.  
 Va. Smelting Co., refiners, sulphur dioxide, W. Norfolk, Va.  
 Va. Soapstone Co., Schuyler, Va.  
 Va. Spoke & Bending Co., wagon & carriage wheel, Martinsville, Va.  
 Va. Trunk & Bgy Co., Petersburg, Va.  
 Va. Wagon Co., South Boston, Va.  
 Va. Woolen Co., woolen flannels, Winchester, Va.  
 Virkler, A. G., machst. & fndr., Lowville, N. Y.  
 Virtue & Pound Co., auto. & transmission gears, Owatonna, Minn.  
 Visco Motor Oil Co., soap, lubricating oils, 2104 Superior av, N. W., Cleveland, Ohio.  
 Viscol Co., belt dressing, oils, etc., Cambridge, Mass.  
 Viscosity Oil Co., lubrg., 1101 W. 37th, Chicago, Ill.  
 Visigraph Typewriter Co., 62 Reade, New York.  
 Visor Knitting Mills, sweaters, cardigans, etc., Niagara Falls, N. Y.  
 Visser, John, architect, Boise, Idaho.  
 Vissering, Harry, & Co., sand htrs., 14 E. Jackson blvd, Chicago, Ill.  
 Vissman, C. F., & Co., meat packers, Louisville, Ky.  
 Vitagraph Co. of Am., films, E. 15th, Brooklyn, N. Y.  
 Vitale & Rothery, architects, 527 5th av, New York.  
 Vitrola Talking Machine Co., 2088 S. Wabash av, Chicago, Ill.  
 Viticoute, John B., architect, Lawrence, Mass.  
 Vitolite Co., 133 W. Washington, Chicago, Ill.  
 Vitolo, Frank E., architect, 16 E. 23rd, New York.  
 Vitrified Wheel Co., emery wheel mfrs., Westfield, Mass.  
 Vitri-fix Co., concrete hardeners, 133 W. Washington, Chicago, Ill.  
 Vitro Mfg. Co., coloring oxides, Bessemer Bldg., Pittsburgh, Pa.  
 Vitrolite Construction Co., Caswell blk, Milwaukee, Wis., 1490 Mission, San Francisco, Cal.  
 Vitzthum & Teich, architects, 53 S. Jackson blvd, Chicago, Ill.  
 Vivarttas, Percie A., architect, 110 4th, Weehawken, N. J.  
 Vivian, Clinton L., architect, 120 E. State, Ithaca, N. Y.  
 Vixen Tool Co., file mfrs., 50th & Lancaster av, Phila., Pa.  
 Vlehek Tool Co., chisels, hammers, etc., 10711 Quincy av, Cleveland, Ohio.  
 Vnson Contracting Co., 203 Indiana av, Washington, D. C.  
 V. & O. Press Co., Dry Harbor rd, Glendale Station, N. Y.  
 Vodrey Pottery Co., East Liverpool, Ohio.  
 Vodrie Sheet Metal Wks., cornices & skylights, San Antonio, Tex.  
 Voegel Bros., masons' & bldrs.' matls., Mansfield, Ohio.  
 Voelkel, G. E., architect, 847 E. 20th, Los Angeles, Cal.  
 Voelker, Geo. W., & Co., textile machy. supplies, Woonsocket, R. I.  
 Voelker & Groff, brick, Winona, Minn.  
 Voelker, John Ph., architect, 979 3d av, New York.  
 Voelker, Philip L., mill brushes, 2 Bucklin, Providence, R. I.  
 Voelz, Henry W., architect, Caswell blk, Milwaukee, Wis.  
 Vogan, J. P., sucker rods, Franklin, Pa.  
 Vogel, Adolph, contractor, West Orange, N. J.  
 Vogel & Binder Co., sash, door & blind mfrs., Rochester, N. Y.  
 Vogel, Chas., architect, 133 16th, Newport, Ky.  
 Vogel, Edward J., architect, 2335 Pacific av, San Francisco, Cal.  
 Vogel & Franchi, machsts., Fort Lee, N. J.  
 Vogel, H. G., Co., sprinklers, 12 Walker, New York.  
 Vogel, Jacob, & Son, meat packers, 2604 Colerain av, Cincinnati, Ohio.  
 Vogel, Jos., & Co., anti-freezing & school water closets, 1203 Lombard, Wilmington, Del.  
 Vogel, P. A., & Sons, mill & facty., plumbers' & steamfitters' supplies, Louisville, Ky.  
 Vogel, R., machsts., New Rochelle, N. Y.  
 Vogel, W. H., cornices, Cape Girardeau, Mo.  
 Vogel, Wm., models, etc., 68 Nassau, New York.  
 Vogel, Wm., & Bros., disinfectant machy., metal novelties & specialties, etc., 37 S. 9th, Brooklyn, N. Y.  
 Vogelgesang Furnace Co., water htrs., Columbus, Ohio.  
 Vogelmeier Bros., brick, Newark, Ohio.  
 Vogelsang Bros. Construction Co., Cape Girardeau, Mo.  
 Vogelstein, L., & Co., ores, zinc, spelter, etc., 42 B'way, New York.  
 Vogely & Todd, carriages, Nashville, Tenn.  
 Vogenthaler, E. J., Co., iron & steel structl. wk., Dubuque, Ia.  
 Vogt Tool Co., 912 E. 19th, Kansas City, Mo.  
 Vogt, Fred G., & Sons, meat packers, 30th & Race, Phila., Pa.  
 Vogt, Geo. J., cornices, 305 E. 60th, New York.  
 Vogt, Henry, Machine Co., ice, Louisville, Ky.  
 Vogt Mfg. & Couch Lace Co., Rochester, N. Y.  
 Vogt, Oscar G., architect, Corcoran Bldg., Washington, D. C.  
 Vogt, Peter A., Mfg. Co., refrigerators, filing cabinets, 24 Evans, Buffalo, N. Y.  
 Vogt, W., & Son, contractors, Massillon, Ohio.  
 Vogt's, Wm., Son, brick, Erlin, Ohio.  
 Voigt, B., flint pebbles & linings, 154 Nassau, New York.  
 Voigt, C. H. (Est. of), sash, door & blind mfrs., Hicksville, N. Y.  
 Voigt, F., carriages, La Crosse, Wis.  
 Voigt, Herman, contractor, 1251 N. 28th, Philadelphia, Pa.  
 Voigt Milling Co., flour, Grand Rapids, Mich.  
 Voigt, S. S., architect, Barnes Bldg., Wichita, Kans.
- Voigt, Starr & Co., whol. hdwe., 84 Chambers, New York.  
 Voigtlander & Sohn, lenses, 240 E. Ontario, Chicago, Ill.  
 Voightmann & Co., 445-459 W. Erie, Chicago, Ill.  
 Voland & Sons, assay balances, New Rochelle, N. Y.  
 Volcano Spark Plug Co., Ashland, O.  
 Volger, B. G., Mfg. Co., inks, stamp pads, Passaic, N. J.  
 Volk, Albert A., Co., contractors, 16 Beaver, New York.  
 Volk, Jacob, Housewrecking Co., 103 Park av, New York.  
 Volk, John, & Co., contrs., plate glass, etc., Rock Island, Ill.  
 Volk Stamp & Stencil Co., baggage checks, 115 Griswold, Detroit, Mich.  
 Volkcar Storage Battery Co., 2437 Michigan av, Chicago, Ill.  
 Volker, Wm., & Co., window shade mfrs., N. W. cor. 3d & Main, Kansas City, Mo.  
 Volkman & Hancock, architects, Eau Claire, Wis.  
 Volkmar Kilns, potteries, Metuchen, N. J.  
 Vollbrecht & Olsen, stone, 753 S. Canal, Milwaukee, Wis.  
 Vollenweider, J., cornices, 1506 Penna. av, Baltimore, Md.  
 Vollmer & Beersman, architects, 244 5th av, New York.  
 Vollmer, P. S., masons' & bldrs.' matls., Harrison Bldg., Philadelphia, Pa.  
 Vollmer, Wm. H., architect, Chamber of Com. Bldg., Detroit, Mich.  
 Vollrath Co., sinks & trays, Sheboygan, Wis.  
 Vollweiler, Hy., architect, 696 Bushwick av, Brooklyn, N. Y.  
 Volney Paper Co., paper & pulp mills, Fulton, N. Y.  
 Volpp & Fritz, contractors, 445 Sanders, Indianapolis, Ind.  
 Voltamp Elec. Mfg. Co., dynamo & motor mfrs., 407 N. Paca, Baltimore, Md.  
 Voltermann, F. H., cooperage stock, Brownsville, Tenn.  
 Voltz Bros., auto. bldrs., 840 S. Halsted, Chicago, Ill.  
 Voltz Mfg. Co., machsts. & fndrs., St. Joseph, Mo.  
 Volunteer Firemen Signal Co., fire alarms, Minneapolis, Minn.  
 Volz, Charles, architect, 2 W. 45th, New York.  
 Vom Cleff & Co., whol. hdwe.—saw sets, 105 Duane, New York.  
 Vom Hofe, Edw., & Co., fishing tackle mfrs., 112 Fulton, New York.  
 Vom Hofe, Julius, fishing reels, 351 S. 5th, Brooklyn, New York.  
 Von Behren Mfg. Co., lumber mfrs., Evansville, Ind.  
 Von Buhren, Geo., plate glass, 9 Baxter, New York.  
 Voncanon, J. B., & Bro., wooden cross arms, West End, N. C.  
 Vonder Horst, Jos., architect, Celina, Ohio.  
 Von der Au & Cluss Mfg. Co., arch'l iron, 2404 S. Jefferson av, St. Louis, Mo.  
 Vondersmith, Harry M., machsts. & fndrs., Lancaster, Pa.  
 Von Gerichten Art Glass Co., 557 S. High, Columbus, O., & 52 Morningside av, New York.  
 Von Hamm-Young Co., Ltd., machy. dtrs., Honolulu, Hawaii.  
 Von Herbulis, A. O., architect, Falls Church, Va.  
 Von Hoffman, Ferdinand, landscape architect, 1118 Tinton av, New York.  
 Von Holst & Fyfe, architects, 72 W. Adams, Chicago, Ill.  
 Vonnegut & Bohn, architects, Indiana Trust Bldg., Indianapolis, Ind.  
 Vonnegut Hardware Co., 120 E. Washington, Indianapolis, Ind.  
 Vonnegut Machine Co., machine shop equipment, woodworking machinery, etc., 43 S. Meriden, Indianapolis, Ind.  
 Vonore Flouring Mills, Vonore, Tenn.  
 Von Platen & Dick Co., sash, door & blind mfrs., 2248 W. Kinzie, Chicago, Ill.  
 Von Platen, Geo., lumber, Boyne City, Mich.  
 Von Platen Lumber Co., Iron Mountain, Mich.  
 Von Stade, F. W., bristles, 73 Beekman, New York.  
 Von Thaden & Meyer, whol. hdwe., 74 Murray, New York.  
 Voorhees, A. C., contractor, Trenton, N. J.  
 Voorhees, F. D., architect, Central Bk. Bldg., Oakland, Cal.  
 Voorhees, J. S., & Co., masons' & bldrs.' matls., Baldwinsville, N. Y.  
 Voorhees Rubber Mfg. Co., horse shoe pads, 18 Boswick av, Jersey City, N. J.  
 Voorhees, V. W., architect, Eitel Bldg., Seattle, Wash.  
 Vorce, M. B., & Co., architects, 10231 Ashbury av, Cleveland, O.  
 Vorhis, F. C., rye & buckwheat flour, Brooklyn, N. Y.  
 Vornhold Wall Paper Co., Tioga & Memphis, Philadelphia, Pa.  
 Vorse, Norman, architect, S. & L. Bldg., Des Moines, Ia.  
 Vortex Mfg. Co., paper cups, 220 S. Michigan av, Chicago, Ill.  
 Vosburgh, E. A., soap, 925 S. 5th av, Chicago, Ill.  
 Vosburgh Min. Lamp Co., 289 Valley rd, West Orange, N. J.  
 Vosbury, C. Edward, architect, Savings Bk. Bldg., Binghamton, N. Y.  
 Vose & Sons Piano Co., 160 Boylston, Boston, Mass.  
 Vose Spring Co., 150 Bleeker, New York.  
 Voshell, J. C., buckwheat flour, Camden, Del.  
 Voska, Foelsch & Sidio, marble interior work, 61 Mills, Astoria, Long Island, N. Y.  
 Voss-Barbee Mfg. Co., harness, Little Rock, Ark.  
 Voss Bros. Mfg. Co., agricultural implements, Davenport, Ia.  
 Voss, E. H., contractor, 339 Huron, Toledo, Ohio.  
 Voss, Frank, lumber mfr., Newport, Ky.  
 Voss, Fred'k, iron furring, railings, wire cloth, etc., 1852 Austin av, Chicago, Ill.  
 Voss & Lauritzen, architects, 65 De Kalb av, Brooklyn, N. Y.  
 Votey Organ Co., 29 W. 42d, New York.  
 Vottler, Henry J., & Son, organs, 37 Arcade, Cleveland, Ohio.  
 Vought, Edward B., flour mills, Paxinos, Pa.



- Vought, H. H., & Co., contractors, Grand Central Terminal, New York.
- Vrana, E. H., Co., architects, Brandeis Bldg., Omaha, Neb.
- V-Ray Co., plugs—spark, Marshalltown, Ia.
- Vredenbergh, Peter, architect, Champaign, Ill.
- Vredenburgh, Peter, Lumber Co., masons' & bldrs.' matls., Springfield, Ill.
- Vredenburgh, W. W., kitchen cabinets, 617 Sackett, Brooklyn, N. Y.
- Vreeland, Chas., & Co., machsts., Paterson, N. J.
- Vreeland, J. J., Jr., architect, Dover, N. J.
- Vroom Bros. Co., bldg. contrs., 333 Union, Lynn, Mass.
- Vrooman, A. E., & Son, agri'l implt. mfrs., Painesville, Ohio.
- Vrooman, C. H., architect, Patchogue, N. Y.
- Vrooman, S. B., Co. (Ltd.), lumber, 1133 Beach, Phila., Pa.
- Vrooman's, J. V., Sons Co., cornices, Schenectady, N. Y.
- Vrydagh, J. G., architect, 10 N. 6th, Terre Haute, Ind.
- Vrydagh, Robert T., architect, McKean blk, Terre Haute, Ind.
- Vrydagh & Wolfe, architects, 347 5th av, Pittsburgh, Pa.
- Vuille, Chas. A., hydrometers, Huntingdon, Pa.
- Vulcan Asbestos Mfg. Co., packing mfrs., Produce Exchange, New York.
- Vulcan Brass Works, Allentown, Pa.
- Vulcan Brazing & Machine Co., oxy-acetylene welding, 1630 Vine, Philadelphia, Pa.
- Vulcan Brick Works, Vulcan, Mich.
- Vulcan Co., iron, 11 Raynor, Detroit, Mich.
- Vulcan Copper Works, 120 Sycamore, Cincinnati, Ohio.
- Vulcan Crucible Steel Co., Aliquippa, Pa.
- Vulcan Detinning Co., Sewaren, N. J.
- Vulcan Elec. Heating Co., 107 W. 13th, New York.
- Vulcan Engine Works, 1827 Bainbridge, Philadelphia, Pa.
- Vulcan Engineering Sales Co., 2059 Elston av, Chicago, Ill.
- Vulcan Foundry Co., Durango, Colo.
- Vulcan Fuel Economy Co., 230 S. La Salle, Chicago, Ill.
- Vulcan Hardware Co., sheet metal gauges, Carlstadt, N. J.
- Vulcan Hardware Co., 119 E. Main, Springfield, Ohio.
- Vulcan Iron & Tool Works, Los Angeles, Cal.
- Vulcan Iron Works, iron founders, engines & mining machy., 1739 Main, Wilkes-Barre, Pa.
- Vulcan Iron Works, Jersey City, N. J.; Jacksonville, Fla.; New Britain, Conn.; & Portland, Ore.
- Vulcan Iron Works, machy., 1849 Kearny, San Francisco, Cal.
- Vulcan Iron Works, machsts. & fndrs., Cairo, Ill.; Charleston, W. Va.; & Memphis, Tenn.
- Vulcan Iron Works, pile driver fittings, etc., 327 N. Irving av, Chicago, Ill.
- Vulcan Iron Works Co., ballast loaders, Toledo, Ohio.
- Vulcan Iron Works Co., 1400 Colfax av, Denver, Colo., & Mason City, Ia.
- Vulcan Louisville Smelting Co., 208 S. La Salle, Chicago, Ill.
- Vulcan Mfg. Co., speaking tubes, 3140 S. Canal, Chicago, Ill.
- Vulcan Mfg. Co., steel structural work, Fond Du Lac, Wis.
- Vulcan Mfg. Co., tire vulcanizers, 89 S. Broadway, Denver, Colo.
- Vulcan Mfg. Co., tubular boilers, Seattle, Wash.
- Vulcan Plow Co., Evansville, Ind.
- Vulcan Process Co., machinery, 25th & University av, S. E., Minneapolis, Minn.
- Vulcan Refractories Co., brick, Bolivar, Pa.
- Vulcan Rubber Co., Erie, Pa.
- Vulcan Sheet Metal Co., Denver, Colo.
- Vulcan Soot Cleaner Co., Du Bois, Pa.
- Vulcan Steam Forging Co., 251 Rano, Buffalo, N. Y.
- Vulcan Supply Co., mill & facty. supplies, 120 Sycamore, N. Y.
- Vulcan Tool Mfg. Co., Quincy, Mass.
- Vulcanite Portland Cement Co., Land Title Bldg., Phila., Pa.
- Vulcanized Products Co., insulating compounds, Muskegon, Mich.
- Vulcanized Rubber Co., hard rubber mfrs., 251 4th av, New York.
- Vulvan Last Co., Portsmouth, Ohio.
- Vuono Constr. Co., Bank Bldg., Stamford, Conn.
- V. V. Fittings Co., junction boxes, lamp guards, 1906 N. 6th, Philadelphia, Pa.
- Waage Elec. Co., sad & soldering irons, cooking apparatus, 12 S. Jefferson, Chicago, Ill.
- Waban Webbing Co., 683 Atlantic av, Boston, Mass.
- Wabash Cabinet Co., Wabash, Ind.
- Wabash Canning Co., Wabash, Ind.
- Wabash Construction Co., Wabash, Ind.
- Wabash Foundry Co., Wabash, Ind.
- Wabash Gear Works, auto. clutches, Terre Haute, Ind.
- Wabash Mfg. Co., machsts., coaster wagons, Terre Haute, Ind.
- Wabash Portland Cement Co., 1824 Ford Bldg., Detroit, Mich.
- Wabash Pottery Co., Roseville, Ohio.
- Wabash Screen Door Co., 72 W. Adams, Chicago, Ill.
- Wabash Truss Hoop Co., Mount Carmel, Ill.
- Wabasha Roller Mill Co., flour, Wabasha, Minn.
- Waberaki Bros., bags & suit cases, 6 Barbara, Newark, N. J.
- Wabers Mfg. Co., machsts., agri'l implt., Racine, Wis.
- Waccamaw Lumber Co., Bolton, N. C.
- Wacco Supply Co., steam fitters' supplies, 30 Marginal, East Boston, Mass.
- Wach, E. F., architect, 11 S. La Salle, Chicago, Ill.
- Wachendorff, E. C., architect, Empire Bldg., Atlanta, Ga.
- Wachovia Mill, flour, Winston-Salem, N. C.
- Wachs, E. H., Co., machsts., 149 W. Grand, Chicago, Ill.
- Wachsmuth Lumber Co., Bayfield, Wis.
- Wachtel, J., fertilizer mfrs., Southern av, Indianapolis, Ind.
- Wachter, Emil, & Son, Hdwe. Co., 1402 S. B'way, St. Louis, Mo.
- Wachter, H. W., architect, Nicholas Bldg., Toledo, Ohio.
- Wachter, Henry F., architect, Peru, Ill.
- Wachusett Thread Co., Worcester, Mass.
- Wacker, Chas., Co., canned goods, Betterton, Md.
- Wackerbarth, August, architect, 202 N. Main, Los Angeles, Cal.
- Wackerman, Albert, cornices, 859 Church la, Philadelphia, Pa.
- Waclark Wire Co., 20 Exch. pl, New York.
- Waco Canning Co., Waco, Ky.
- Waco Machinery & Supply Co., Waco, Tex.
- Waco Mattress Factory, Waco, Tex.
- Waco Mill & Elevator Co., flour, Waco, Tex.
- Waddell Co., coffee mills, Greenfield, Ohio.
- Waddell-Jones Co., Ltd., cross ties, Morgan City, La.
- Waddell Mfg. Co., wood carvers, ornaments, mouldings, etc., Grand Rapids, Mich.
- Waddell, R. J., & Co., color mfrs., steel wool, pumice stone, etc., 52 Beekman, New York.
- Waddey, Everett, Co., pads, 1105 E. Main, Richmond, Va.
- Waddington & Holme, canned goods, Naylor, Va.
- Waddington, R., & Son, contractors, Hoboken, N. J.
- Wade & Bell, lumber, Trenton, Fla.
- Wade Bros. Const. Co., contrs., 2600 Clifton, St. Louis, Mo.
- Wade Button Co., 55 Sudbury, Boston, Mass.
- Wade, C. F., architect, Lima, Ohio.
- Wade, C. G., architect, Loan & Tr. Bldg., Milwaukee, Wis.
- Wade, G. W., cornices & skylights, North Yakima, Wash.
- Wade Iron Sanitary Mfg. Co., catch basins, traps, valves, etc., 551 Fulton, Chicago, Ill.
- Wade, J. T., turpentine, Hershman, Ga.
- Wade Mach. Co., 817 Albany, Boston, Mass.
- Wade Mfg. Co., auto. binding & gimps, Brockton, Mass.
- Wadel-Connally Hardware Co., Tyler, Tex.
- Wadhams, F. L., & Sons, lumber mfrs., Torrington, Conn.
- Wadham's Oil Co., 215 Nat. av, Milwaukee, Wis.
- Wadley & Smythe, landscape architects, 491 5th av, New York.
- Wadman, C. G., auto tops, Bakersfield, Cal.
- Wadsworth Brick & Tile Co., Wadsworth, Ohio.
- Wadsworth, C. J., oil cabinets, Cleveland, Ohio.
- Wadsworth Core Machine & Equipment Co., 10 W. Buehtel, Akron, Ohio.
- Wadsworth, David, & Son, scythes, etc., Auburn, N. Y.
- Wadsworth Engraving Co., name plates, stencils, etc., Springfield, Ohio.
- Wadsworth-Howland Co., enamels, paints, wood stains, etc., 225 N. Carpenter, Chicago, Ill.
- Wadsworth, Howland & Co., paint & varnish makers, 141 Federal, Boston, Mass.
- Wadsworth Mfg. Co., auto. metal bodies, Kercheval & Conners Creek, Detroit, Mich.
- Wadsworth, S. L., & Son, wholesale hardware, Eastport, Me.
- Wadsworth Salt Co., Wadsworth, Ohio.
- Wadsworth Stone & Paving Co., Lambert & P. R. R., Pittsburgh, Pa.
- Wadsworth Watch Case Co., mfrs., Dayton, Ky.
- Wadsworth & Woodman Co., oil cloth mfrs., Winthrop, Me.
- Waelde, Herman, disinfectants, 732 Frankfort av, N. W., Cleveland, Ohio.
- Wagar, David P., stone producers, Middletown, N. Y.
- Wageley, Geo. L., architect, 5971 Easton av, St. Louis, Mo.
- Wagemaker Co., filing cabinets, Grand Rapids, Mich.
- Wagenbach, Jos., & Son, bldg. contrs., Lawrence, Mass.
- Wagenen, L. B., dock builders, Urbanna, Va.
- Wagener, Fritz, architect, 4th Nat. Bk. Bldg., Atlanta, Ga.
- Wagener, H. J., architect, Canton, Ohio.
- Wagener, Jno. O., & Co., minerals, clays, etc., Easton, Pa.
- Wagener Steam Pump Co., Canton, Ohio.
- Wagenfohr, Chas., Sr., die sinker, 140 W. B'way, New York.
- Wagenhorst, J. H., & Co., blue printing machines, Youngstown, Ohio.
- Wagenlander, Jos., cornices, Newport, Ky.
- Wager, B. F., contractor, Norristown, Pa.
- Wager, S. A., architect, Com. Bldg., St. Paul, Minn.
- Waggaman, Clarke & Eugene, architects, 1211 Connecticut av, N. W., Washington, D. C.
- Wagner, Lewis, Co., lumber mfrs., Wolfe & Thames, Baltimore, Md.
- Waggoner, A. M., architect, Decatur, Ill.
- Waggoner-Gates Milling Co., flour, Independence, Mo.
- Wagler, C. C., brick, Fort Laramie, Wyo.
- Wagner, A. F., Arch'l Iron Works, 763 N. Walter, Milwaukee, Wis.
- Wagner Bros., cornices, 1010 Diversey Parkway, Chicago, Ill.
- Wagner Bros., mchsts. & fndrs., Burlington, Wis., & Dover, O.
- Wagner Bros., masons' & bldrs.' matls., Mount Gilead, Ohio.
- Wagner Bros. & Co., architects' instruments & supplies, 71 W. 23d, New York.
- Wagner, C. B., Hardware Co., Burlington, Wis.
- Wagner, C. De Witt, clips, shears, Cedar Rapids, Ia.
- Wagner, C. P., & Co., lubrg. oils, 308 Sycamore, Cincinnati, O.
- Wagner, Carl H., barometers, thermometers, etc., 1944 N. Albany, av, Chicago, Ill.



- Wagner, Chas., machsts., 587 Hudson, New York.  
Wagner, Chas. A., clays, minerals, 222 N. Water, Phila., Pa.  
Wagner, Chas. D., contractor, Story Bldg., Los Angeles, Cal.  
Wagner Comb Mfg. Co., Myrtle av, Evergreen, N. Y.  
Wagner Curtain Stretcher Co., Greensburg, Pa.  
Wagner, E. R., Mfg. Co., sheet metal stampings, No. Milwaukee, Wis.  
Wagner Elec. Mfg. Co., transformer cut-outs, 6400 Plymouth, St. Louis, Mo.  
Wagner, Frank L., contractor, 1413 H. N. W., Washington, D. C.  
Wagner, Fred L., architect, 237 W. 120th, New York.  
Wagner, G. N., Lbr. & Shingle Co., Grand Rapids, Mich.  
Wagner, Geo., contractor, Hearst Bldg., San Francisco, Cal.  
Wagner Glass Works, 697 E. 132d, New York.  
Wagner Hardware Co., gen. & heavy & automobile supplies, Mansfield, Ohio.  
Wagner, Hy, stone products, Dubuque, Ia.  
Wagner, Henry A., architect, 407 N. 8th, St. Louis, Mo.  
Wagner, J. B., lumber, Marion, Mich.  
Wagner, J. F., Sons, windows, Louisville, Ky.  
Wagner, J. G., brick & tile, Covington, Ohio.  
Wagner, Jacob, common brick, Princeton, Ill.  
Wagner, Jos., Mfg. Co., mill & factory supplies, 165 Beale, San Francisco, Cal.  
Wagner Lumber Co., Dover, Ohio.  
Wagner, M., Co., canned goods, Pratt st. Wharf, Baltimore, Md.  
Wagner Mfg. Co., aluminum & enameled hollow ware, Sidney, O.  
Wagner Mfg. Co., hardware mfrs., Cedar Falls, Ia.  
Wagner Mercantile & Mfg. Co., lumber, Suring, Wis.  
Wagner, Peter, & Son, contractors, 384 Herman, Buffalo, N. Y.  
Wagner, Philip, contractor, Camden, N. J.  
Wagner Quarries Co., masons' & bldrs.' matls., Sandusky, Ohio.  
Wagner Specialty Co., calf weavers, Burlington, Wis.  
Wagner Spring Bed Mfg. Co., Holyoke, Mass.  
Wagner, Stewart, architect, 7 E. 42d, New York.  
Wagner, T. S., contractor, Des Moines, Ia.  
Wagner, Thos. A., lime mfrs., Myerstown, Pa.  
Wagner, Wm. F., architect, 1330 13th, N. W., Washington, D. C.  
Wagner & Wilson Lumber Co., Monroe, Wash.  
Wagner's, J. F., Sons Co., cornices, Louisville, Ky.  
Wagoner, J., canned goods, 516 N. 2d, St. Louis, Mo.  
Wagoner, Jacob H., contractor, San Antonio, Tex.  
Wagoner Roller Mill Co., flour, Wagoner, Okla.  
Wagonhoist, J. H., & Co., blue printing machines, Youngstown, Ohio.  
Wagstaff, W. J., lumber, Oshkosh, Wis.  
Wah Chang Mining & Smelting Co., antimony imp., 233 Broadway, New York.  
Wahl Adding Mach. Co., 232 E. Ohio, Chicago, Ill.  
Wahl, Ed. M., contractor, St. Cloud, Minn.  
Wahl, Emil, Mfg. Co., bone buttons, Pulaski av & Ruffner, Philadelphia, Pa.  
Wahle Foundry & Machine Works, Davenport, Ia.  
Wahle-Phillips Co., elec. & gas light fixtures, 101 Park av, N. Y.  
Wahlfeld Mfg. Co., plate glass, Peoria, Ill.  
Wahlman, J. S., contractor, Ishpeming, Mich.  
Wahlstrom Tool Co., Brooklyn, N. Y.  
Wahrenberger, J., architect, Alamo Bank Bldg., San Antonio, Tex.  
Waid, D. Everett, architect, 1 Madison av, New York.  
Wainwright, Jno. C. A., foundry facings, Spring City, Pa.  
Wainwright, R., tex. machy. (roll coverers), Westpoint, Ga.  
Wainwright, W. W., & Son, machsts., piston rings, etc., Connersville, Ind.  
Wait, Chas. D., masons' & bldrs.' matls., Montgomery, N. Y.  
Wait, Ch. S., lumber, Londonderry, Vt.  
Wait & Copeland, architects, 46 Cornhill, Boston, Mass.  
Wait, F. W., Lime Co., Glens Falls, N. Y.  
Waite & Barlett Mfg. Co., X-ray app., etc., 252 W. 29th, New York.  
Waite Chair Co., Baldwinsville, Mass.  
Waite, Frank E., architect, Brewster, N. Y.  
Waite Grass Carpet Co., Oshkosh, Wis.  
Waite, H. B., Lbr. Co., 154 Security Bldg., Minneapolis, Minn.  
Waite, Ranlet & Co., whol. hdwe., 80 Broad, Boston, Mass.  
Waite Supply Co., steamfitters' supplies, 1635 5th, Pittsb'h, Pa.  
Waite-Thresher Co., sewing thimbles, Abbott Park pl, Providence, R. I.  
Waite Tractor Co., traction engines, Elgin, Ill.  
Wake Forest Foundry Co., Wake Forest, N. C.  
Wake Machine Works, Cardenas, N. C.  
Wakefield, Clarence E., engrs. & machsts.' wrenches, Worcester, Mass.  
Wakefield, F. W., Brass Co., machsts. & fndrs., Vermillion, Ohio.  
Wakefield, Jas. W., machst. & fndr., Theresa, N. Y.  
Wakefield Lumber Co., Wakefield, R. I.  
Wakefield Mer. Co., fertz. mfrs., Antreville, S. C.  
Wakely, Archibald S., & Son, carriages, Milford, Mich.  
Wakeman Distilling Co., Chattanooga, Tenn.  
Wakeman, Frank M., lumber mfrs., South Stockton, N. Y.  
Wakeman, R. H., flour mills, Brockroad, Va.  
Wall, C. A., contractor, La Grange, Ind.  
Walborn & Barney, contractors, Wilkes-Barre, Pa.  
Walbridge & Co., mill & facty. supplies, whol. hdwe., 392 Main, Buffalo, N. Y.  
Walbridge & Taylor, mill & facty. supplies, Peterboro, N. H.  
Walbroehl & Co., light fixture mfrs., Hamilton av, B'klyn, N. Y.  
Walck, Henry S., agricultural implements, Greencastle, Pa.  
Walco Mfg. Corp., grooving machines, Providence, R. I.  
Walcott Bros., lumber mfrs., Manchester, Ia.  
Walcott, Frank B., masons' & bldrs.' matls., Houston, Tex.  
Walcott, H. C., cornices & skylights, Atchison, Kans.  
Walcott Lathe Co., Jackson, Mich.  
Waldbillig, John B., contractor, 425 1st, Albany, N. Y.  
Waldeck, Anthony, machst. & fndr., 7607 B'way, Cleveland, O.  
Waldeck, E., & Co., onyx souvenir plaques, Jersey City, N. J.  
Waldeck Pckg. Co., meat packers, Montrose & La Salle, St. Louis, Mo.  
Walden Knife Co., Walden, N. Y.  
Walden-Worcester, Inc., wrenches, Worcester, Mass.  
Waldenberger Harness & Trunk Co., Little Rock, Ark.  
Walder, Jacob, mill & facty. supplies, Paterson, N. J.  
Waldes & Co., buttons, fasteners, 137 5th av, New York.  
Waldhauer, Stevens Co., cornices & skylights, 1721 Nostrand av, Brooklyn, N. Y.  
Waldman, John J., wire measuring machs., switches, etc., 136 Liberty, New York.  
Waldman, L. C., architect, Riverside, Cal.  
Waldner, Adam, lbr., sashes, doors & blinds, Ashland, Pa.  
Waldo Bros., masons' & bldrs.' matls., 45 Batterymarch, Boston, Mass.  
Waldo Canning Co., Waldo, Wis.  
Waldo Co., silk shades & holders, etc., 45 E. 20th, New York.  
Waldo, E. M. & F., color mfrs., 11 B'way, New York.  
Waldorf Box Board Co., Myrtle & Wabash avs, St. Paul, Minn.  
Waldron, Chas., machst. & fndr., Haverstraw, N. Y.  
Waldron, E. M., & Co., contractors, 84 S. 6th, Newark, N. J.  
Waldron, Edw. M., contractor, 207 Market, Newark, N. J.  
Waldron, F. A., modernizing engrs., 37 Wall, New York.  
Waldron, H. E., architect, Rapid City, S. D.  
Waldron, Jno., Co., machsts. & fndrs., oil cloth machy., New Brunswick, N. J.  
Waldstein Lbr. Co., 7th & Victor, St. Louis, Mo.  
Waleker, W. A., & Co., masons' & bldrs.' matls., Milledgeville, Ga.  
Wales-Campbell Co., contractors, Temple ct, Minneapolis, Minn.  
Wales, Geo. C., architect, 71 Kilby, Boston, Mass.  
Wales, George E., canned goods, Newton Center, Mass.  
Wales, H. A., Co., whol. dhrs. flags, pennants, etc., Bridgeport, Conn.  
Wales Hardware Co., Ltd., Corry, Pa.  
Walger Awning Co., tent contrs., 215 W. Ohio, Chicago, Ill.  
Walke, Henry, Co., mill & facty. supplies, Norfolk, Va.  
Walker, A. L., stone producers, 31 Beacon, Boston, Mass.  
Walker, A. Stewart, architect, 128 E. 37th, New York.  
Walker, Alfred J., & Co., wood & metal auto. bodies, 223 W. 66th, New York.  
Walker, Ambrose, architect, 9 Cornhill, Boston, Mass.  
Walker Bin Co., store fixtures, Penn Yan, N. Y.  
Walker Bros., canned goods, Aberdeen, Md.  
Walker Bros. Co., fertilizer, Griffin, Ga.  
Walker Bros. Co., dies, tools, etc., 225 Walton, Syracuse, N. Y.  
Walker Bros. & Haviland, self-winding clocks, 1532 Sansom, Philadelphia, Pa.  
Walker & Burden, architects, Charleston, S. C.  
Walker, C. E., & Co., masons' & bldrs.' matls., Portsmouth, N. H.  
Walker, C. Howard, architect, 71 Kilby, Boston, Mass.  
Walker, C. W., Sons & Co., mill & facty. supplies, 274 Market, Newark, N. J.  
Walker & Chambers, htg. contrs., 222 E. 41st, New York.  
Walker, Chas. T., & Co., children's carriages, 716 W. North av, Chicago, Ill.  
Walker, Chas. W., Sons & Co., mill & facty. supplies, 274 Market, Newark, N. J.  
Walker & Chase, architects, Candler Bldg., Atlanta, Ga.  
Walker County Lbr. Co., Elmina, Tex.  
Walker & Curley Co., contractors, Bessemer Bldg., Pittsb'h, Pa.  
Walker Cut Stone Co., producers, whol., & dhrs., Tacoma, Wash.  
Walker, D. C., architect & contractor, Tampa, Fla.  
Walker, E. H., architect, Somerset, Pa.  
Walker Elec. Co., switches, 2337 Callowhill, Philadelphia, Pa.  
Walker & Elliott, machsts., 2d & Lombard, Wilmington, Del.  
Walker, F. G., Co., gin distillers, Louisville, Ky.  
Walker, Forest E., architect, 228 Main, Toledo, Ohio.  
Walker Fdry. Co., Erie, Pa.  
Walker, Frank A., architect, Montpelier, Barre, Vt.  
Walker & Frank Brick Co., Dix & Lonyo rd, Detroit, Mich.  
Walker, Fred C., architect, 4712 Beacon, Chicago, Ill.  
Walker Furnace Builders, 155 Milk, Boston, Mass.  
Walker, G. C., lumber, Warthen, Ga.  
Walker, Geo. L., Co., contractors, 260 Convent av, New York.  
Walker & Gillette, architects, 128 E. 37th, New York.  
Walker Grinder Co., Worcester, Mass.  
Walker, H. C., flour mills, Bradfordsville, Ky.  
Walker, H. E., architect, Lumber Exchange, Minneapolis, Minn.  
Walker, H. E., rice, Honolulu, Hawaii.  
Walker, H. E., & Bro., lumber, Barre, Pa.  
Walker, H. L., Co., electric & gas light fixtures, 185 Jefferson av, Detroit, Mich.  
Walker, Harry L., architect, 103 Park av, New York.  
Walker, Hay Brick Co., Farmers Bank Bldg., Pittsburgh, Pa.  
Walker, Hy. L., Co., copper tanks, 197 Iroquois av, Detroit, Mich.  
Walker, Hobart A., architect, 437 5th av, New York.  
Walker, I. J., flour mills, Williston, Tenn.



- Walker, Isaac, Hardware Co., Peoria, Ill.  
 Walker, J. C., & Sons Co., fertilizer mfrs., Gap, Pa.  
 Walker, J. E., granite, St. Johnsbury, Vt.  
 Walker, J. R., architect, Payette, Idaho.  
 Walker, J. S., & Co., bags & bagging, Louisville, Ky.  
 Walker, Jas., architect, Builders' Exchange, Buffalo, N. Y.  
 Walker, Jas., & Co. (Ltd.), packing mfrs., 27 Thames, New York.  
 Walker, Jas. D., contractor, Erie, Pa.  
 Walker, Jas. J., heating contr., 5422 Vine, Philadelphia, Pa.  
 Walker, Jas., & Son, coppersmiths, 76 Jefferson av, Detroit, Mich.  
 Walker, J., flour mills, Dandridge, Tenn.  
 Walker, John L., Co., steam fitters' supplies, Hamilton, Ohio.  
 Walker, Jos., granite, Quincy, Mass.  
 Walker, Jos., Constr. Co., 90 State, Albany, N. Y.  
 Walker, L. B., architect, Poplar Bluff, Mo.  
 Walker, L. P., lumber, Hartford, Mich.  
 Walker, Livingston & Brackett, architects, E. & B. Bldg., Rochester, N. Y.  
 Walker, Lyman, architect, Ford Bldg., Detroit, Mich.  
 Walker, M. A., & Co., mill & facty. supplies, Covington, Tenn.  
 Walker Mfg. Co., agri'l implts., steel corn cribs, etc., Council Bluffs, Ia.  
 Walker Mfg. Co., iron castings, Denver, Colo.  
 Walker Mfg. Co., machsts. & fndrs., Fenton, Mich.  
 Walker Mfg. Co., textile machy., supplies, etc., Kensington & Ontario, Phila., Pa.  
 Walker Mfg. & Supply Co., plumbers' supplies, jobbers, Shelby & Woodbridge, Detroit, Mich.  
 Walker, Marion M., & Son, contractors, Alexandria, Ind.  
 Walker & Myers, lumber mfrs., Plymouth, N. C.  
 Walker, N. Gaillard, architect, Rock Hill, S. C.  
 Walker, O. S., Co., magnetic chucks, grinding machinery, planer parallels mfrs., Worcester, Mass.  
 Walker, P. J., & Co., contractors, Monadnock Bldg., San Francisco, Cal.  
 Walker, P. M., & Co., flour mills, Loogotee, Ind.  
 Walker & Pratt Mfg. Co., machsts. & fndrs., 31 Union, Boston, Mass.  
 Walker, R. M., contractor, Atlanta, Ga.  
 Walker, R. W., patterns & models, Lawrence, Mass.  
 Walker, Robt. J., sash, door & blind, Osceola Mills, Pa.  
 Walker, Russell Tracy, architect, 47 W. 34th, New York.  
 Walker Sand Co., West Springfield, Pa.  
 Walker Sheet Metal Co., Council Bluffs, Ia.  
 Walker & Sons, masons' & bldrs.' matls., Groesbeck, Tex.  
 Walker Stratman & Co., fertilizer mfrs., Herrs Island, Pittsburgh, Pa.  
 Walker, T. M., Co., sash, door & blind mfrs., Springfield, Mass.  
 Walker, Thos., Jr., machsts., 4617 Tacony, Fkd., Phila., Pa.  
 Walker, Thos., & Sons, packing mfrs., 4617 Tacony, Phila., Pa.  
 Walker & Vawter, architects, Hibernian Bldg., Los Angeles, Cal.  
 Walker Vehicle Co., storage battery trucks, W. 39th & Wallace, Chicago, Ill.  
 Walker Veneer Works, Alpena, Mich.  
 Walker, W. D., contractor, Abington Bldg., Portland, Ore.  
 Walker, W. & H., soap, Herrs Island, Pittsburgh, Pa.  
 Walker, W. J., Steel Co., 1722 Columbus rd, Cleveland, Ohio.  
 Walker, W. Leslie, architect, 103 Park av, New York.  
 Walker, W. T., Brick Co., Arlington, Va., & Corcoran Bldg., Washington, D. C.  
 Walker, W. W., Milling Co., rye flour, Alden, Minn.  
 Walker, Walter, & Co., masons' & bldrs.' matls., Imlay City, Mich.  
 Walker & Ward, 52 Vanderbilt av, New York.  
 Walker & Weeks, architects, 1900 Euclid av, Cleveland, Ohio.  
 Walker-Weiss Axle Co., machsts. & fndrs., Flint, Mich.  
 Walker Wells Co., auto. bodies, Amesbury, Mass.  
 Walker & Werner, auto. wood bodies, Peoria, Ill.  
 Walker, Wm. E., architect, 30 N. Michigan av, Chicago, Ill.  
 Walker, Wm. R., & Son, architects, 17 Custom House, Providence, R. I.  
 Walkers Mill Stone & Brick Co., Walkers Mills, Pa.  
 Walkerton Milling Co., flour, Walkerton, Va.  
 Walkerville Dressed Meat Co., Walkerville, Mont.  
 Walkup, A. M., Co., contractors & bldrs., American Nat. Bk. Bldg., Richmond, Va.  
 Wall, D. H., flour, Ridgeland, S. C.  
 Wall, Daniel, cotton damasks, Unity & Leiper, Phila., Pa.  
 Wall, G. W. & C. M., flour, Wallburg, N. C.  
 Wall-Huske Co., whol. hdwe., Winston-Salem, N. C.  
 Wall, J. F., & Son, wrapping paper, Walpole, Mass.  
 Wall, Jos. W., machst. & fndr., Greenville, Miss.  
 Wall, P., Mfg. Supply Co., conduit hangers, oilers, tanks, etc., 705 Preble av, Pittsburgh, Pa.  
 Wall, R. C., Mfg. Co., auto. wood bodies, 228 N. 15th, Philadelphia, Pa.  
 Wall, Rice, Packing Co. (Ltd.), New Orleans, La.  
 Wall-Rogalsky Milling Co., flour, McPherson, Kans.  
 Wall Rope Works, 48 South, New York.  
 Wall-Spalding Lumber Co., Oshkosh, Wis.  
 Walla Walla Brick & Tile Co., common, Walla Walla, Wash.  
 Walla Walla Construction Co., Walla Walla, Wash.  
 Walla Walla Iron Works, machsts. & fndrs., Walla Walla, Wash.  
 Walla Walla Lumber Co., sash, door & blind, Walla Walla, Wash.  
 Walla Walla Meat & Cold Storage Co., packers, Walla Walla, Wash.  
 Wallace, A. D., carriages, Alliance, Ohio.  
 Wallace Addressing Machine Co., 116 W. 14th, New York.  
 Wallace-Ballord Lumber Co., 1613 Lumber Exchange, Minneapolis, Minn.  
 Wallace Bros., sashes, doors & blinds, New Castle, Pa.  
 Wallace Bros., gas engines, Norfolk, Va.  
 Wallace Bldg. Co., Laconia, N. H.  
 Wallace, Charles L., architect, 227 Jefferson, Joliet, Ill.  
 Wallace Co., grindstones, Port Austin, Mich.  
 Wallace, Elizabeth B., architect, 227 Jefferson, Joliet, Ill.  
 Wallace, F. H., architect, 520 26th, San Diego, Cal.  
 Wallace, F. J., Co., hardware mfrs., Meriden, Conn.  
 Wallace, Frank, contrs., 1235 Liverpool, Pittsburgh, Pa.  
 Wallace, Frank E., contr., 1220 Chancellor, Philadelphia, Pa.  
 Wallace & Gale, mill & facty. supplies, 115 S. Gay, Baltimore, Md.  
 Wallace, Geo. J., Jr., hgt. contr., 206 E. 57th, New York.  
 Wallace, Hugh, Co., carriage robes, Blvd. & Orleans, Detroit, Mich.  
 Wallace, J. D., wood planing machines, 525 W. Van Buren, Chicago, Ill.  
 Wallace, J. E., contractor, La Crosse, Wis.  
 Wallace, J., Packing Co., Cambridge, Md.  
 Wallace, John, Sons Co., masons' & bldrs.' matls., St. Joseph, Mich.  
 Wallace, Jos. H., & Co., paper & pulp mill architects, 5 Beekman, New York.  
 Wallace Lumber & Mfg. Co., Startup, Wash.  
 Wallace, M. B., masons' & bldrs.' matls., Dearborn, Mich.  
 Wallace Machine & Foundry Co., Lafayette, Ind.  
 Wallace Mfg. Co., elec. & gas light fixtures, 5420 Broadway, Chicago, Ill.  
 Wallace Mfg. Co., machsts. & fndrs., Frankfort & Kendalville, Ind.  
 Wallace, N., machst. & fndr., Farmington, Conn.  
 Wallace & Osterman, contractors, Wilmington, N. C.  
 Wallace, R. A., contractor, Cedar Rapids, Ia.  
 Wallace, R. Bruce, & Co., contrs., 45 N. 13th, Philadelphia, Pa.  
 Wallace, R., & Sons Mfg. Co., silver novelties, cork screws, Wallingford, Conn.  
 Wallace, Robert A., architect, Builders' Exch., Buffalo, N. Y.  
 Wallace, Rodney, Co., cotton waste, Fitchburg, Mass.  
 Wallace & Smith Co., harness, saddles, etc., 86 W. Water, Milwaukee, Wis.  
 Wallace, Sterling, printing inks, 65 Frankfort, New York.  
 Wallace Stone Co., Bay Port, Mich.  
 Wallace Supplies Mfg. Co., forming & bending machines & screw mach. prod., 412 Orleans, Chicago, Ill.  
 Wallace Tractor Co., machsts., Cleveland, Ohio.  
 Wallace, W. C., machst. & fndr., Columbia, Miss.  
 Wallace, W. H., flour, Mexia, Tex.  
 Wallace, W. W., & Co., sash, door & blind, Apollo, Pa.  
 Wallace Wall Paper Co., Cortland, N. Y.  
 Wallace & Warner, architect, Real Estate Trust Bldg., Philadelphia, Pa.  
 Wallace, Wm., & Sons, machsts. tools, 513 Wells, Chicago, Ill.  
 Wallach, J. B., architect, 280 Madison av, New York.  
 Wallach, Rudolph, Co., contractors, 68 William, New York.  
 Wallarger Mfg. Co., office & store fixtures, 28 Juneau av, Milwaukee, Wis.  
 Waller Bros. Stone Co., McDermott, Ohio.  
 Waller, Geo. D., architect, Arcade, Nashville, Tenn.  
 Waller, John T., architect, Hopkinsville, Ky.  
 Waller, M. L., architect, Wagoner Bldg., Fort Worth, Tex.  
 Waller Mfg. Co., hogsheds, Lexington, Ky.  
 Wallhead, Wm. A., brick, Elyria, Ohio.  
 Wallick, Frederick, architect, Lemcke Annex, Indianapolis, Ind.  
 Wallick & Terwilliger, architects, 103 Park av, New York.  
 Wallin, Henrik, architect, 23 Abercorn, Savannah, Ga.  
 Wallinder, E. G., packing box, sash door & blind mfrs., Duluth, Minn.  
 Walling, H. E., ties, poles, etc., Grosvenor Bldg., Providence, R. I.  
 Walling, Luther, machs., Belford, N. J.  
 Walling, S. E., machst. & fndr., Bellingham, Wash.  
 Wallingford Co., silver nov., Wallingford, Conn.  
 Wallingford Lumber Co., Wallingford, Conn.  
 Wallingford Mfg. Co., machsts. & fndrs., Wallingford, Vt.  
 Wallingford, V. O., architect, Phoenix, Ariz.  
 Walling's, Jesse, Mills, flour mills, McMinnville, Tenn.  
 Wallis, A. H., glass mosaic wk., 3308 Easton, St. Louis, Mo.  
 Wallis & Carley Co., masons' & bldrs.' matls., Sharon, Pa.  
 Wallis Couch & Carriage Wks., 12 E. Grant, Minneapolis, Minn.  
 Wallis & Goodwillie, architects, 56 W. 45th, New York.  
 Wallis & Sons, scrap iron & steel, Tacoma, Wash.  
 Wallis Tractor Co., machsts., Racine, Wis.  
 Walliser, August, silk tassels & fringes, 531 Hermitage, Philadelphia, Pa.  
 Wallmann Mfg. Co., tin cans, 283 5th av, Milwaukee, Wis.  
 Walloomsac Paper Co., Walloomsac, N. Y.  
 Walloon Lake Lumber & Shingle Co., Walloon Lake, Mich.  
 Walls, Owen & Stambach Co., plumbers' supplies, jobbers, 11th & Hamilton, Philadelphia, Pa.



- Walls, T. P. Tool & Supply Co., grinders, 75 Walker, New York.  
 Wallwork, C. H., architect, Com'l Cub Bldg., Portland, Ore.  
 Wallwork, H., & Co., brass castings, Birmingham, Ala.  
 Wallwork, H., Foundry Co., Birmingham, Ala.  
 Walnut Creek Milling Co., flour, Great Bend, Kans.  
 Walnut Lbr. Co., 1635 W. Michigan, Indianapolis, Ind.  
 Walohn Mfg. Co., whalebone, 31 Union sq. W., New York.  
 Walp, C. H., & Bro., masons' & bldrs.' matls., Quakertown, Pa.  
 Walpert, Fred, & Co., steam curled hair, 106 N. Gay, Baltimore, Ohio.  
 Walrath, Abram, Co., hay racks, carriage rims, shafts, etc., Weedsport, N. Y.  
 Walrath, Alphonso, Co., machsts., Fort Plain, N. Y.  
 Walrath Glove Co., Gloversville, N. Y.  
 Walrath-Sherwood Lbr. Co., Omaha, Neb.  
 Wal-Rike Pony Vehicle Co., St. Paris, Ohio.  
 Walrus Mfg. Co., bank, office & store fix., Decatur, Ill.  
 Walsh & Allen, machinists, 15 Wilbur av. Long Island City, N.Y.  
 Walsh Bros., contractors, Boston, Mass.  
 Walsh Bros. & Schurr, contractors, Sandusky, Ohio.  
 Walsh & Cleary, machsts. & fndrs., Galveston, Tex.  
 Walsh Construction Co., Davenport, Ia.  
 Walsh, David, cut glassware, Somerville, Mass.  
 Walsh, Dennis R., architect, Littlefield Bldg., Austin, Tex.  
 Walsh, Edw. L., contractor, 22 Clay, Baltimore, Md.  
 Walsh, Edw. W., stone, Terre Haute, Ind.  
 Walsh Fire Clay Products Co., brick mfrs., 4070 N. Main, St. Louis, Mo.  
 Walsh, Frank M., contractor, 374 Hamilton av, Brooklyn, N. Y.  
 Walsh & Gardner Co., mill & facty. & plumbers' supplies, jobbers, Tacoma, Wash.  
 Walsh, Geo. J., dock bldrs., 446 47th, Brooklyn, N. Y.  
 Walsh, Harold V., architect, B'way, cor. Shady la, Yonkers, N. Y.  
 Walsh & Hartwig, plumbers' supplies, jobbers, 217 E. 58th, New York.  
 Walsh, Henry A., architect, Lennox Bldg., Cleveland, Ohio.  
 Walsh, J. F., Co., sheet metal brushes & compounds, Pottsville, Mass.  
 Walsh, J. R., architect, 2131 Park, Jacksonville, Fla.  
 Walsh, Jas., & Co., distillers, Union Tr. Bldg., Cincinnati, Ohio.  
 Walsh, Jas. D., Sons, cornices, Albany, N. Y.  
 Walsh, Jas. J., architect, Chamber of Com. Bldg., Detroit, Mich., & McAlester, Okla.  
 Walsh, John D., Inc., dock bldrs., 397 Hancock, Brooklyn, N. Y.  
 Walsh, Louis A., architect, 51 Leavenworth, Waterbury, Conn.  
 Walsh Lumber Co., Cuyahoga Falls.  
 Walsh, N. J., Machy. Co., 129 2d, Milwaukee, Wis.  
 Walsh, M. S., mattresses, Williamsport, Pa.  
 Walsh Mfg. Co., cooperage stock, 72 S. 9th, Pittsburgh, Pa.  
 Walsh & Masterson, contractors, 105 N. Clark, Chicago, Ill.  
 Walsh, Maurice J., & Sons, contractors, Holyoke, Mass.  
 Walsh, Owen, Mfg. Co., elec. & gas light fixtures, mail boxes, etc., 525 W. 26th, New York.  
 Walsh Packing Co., metallic packing, 304 New, Phila. Pa.  
 Walsh Paper Co., Cuyahoga Falls, Ohio.  
 Walsh Press & Die Co., 4709 W. Kinzie, Chicago, Ill.  
 Walsh & Reichling, masons' & bldrs.' matls., Piermont, N. Y.  
 Walsh, Richard, self-closing cocks, 61 Wayne, Detroit, Mich.  
 Walsh, Richard, & Sons, contractors, Orthodox & Frankford Creek, Philadelphia, Pa.  
 Walsh Safety Lock Snap Co., Bellevue, Ohio.  
 Walsh Sons & Co., scrap iron, steel, rubber, etc., Newark, N. J.  
 Walsh, Standley, & Co., contractors, Chamber of Commerce, Detroit, Mich.  
 Walsh, T. P., cornices & skylights, San Antonio, Tex.  
 Walsh, W. J., & Co., steam fitters' supplies, 163 W. Illinois, Chicago, Ill.  
 Walsh & Weidner Boiler Co., Chattanooga, Tenn.  
 Walsh's Boiler & Iron Works, Springfield, Mass.  
 Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.  
 Walsh's Sons & Co., scrap iron & steel, Newark, N. J.  
 Walstad Machine & Elec. Co., Tacoma, Wash.  
 Walte, Guy B., contractor, 413 E. 31st, New York.  
 Walter, Anton, Supply Co., masons' & bldrs.' matls., Dayton, Ky.  
 Walter Bros., buggy & carriage aprons, Dallas City, Ill.  
 Walter Bros., machsts., Veedersburg, Ind.  
 Walter, Edward J., Co., chemical brokers, Baltimore, Md.  
 Walter, G., carriages, Murfreesboro, Tenn.  
 Walter, G. E., arch'l modelers, 157 E. 44th, New York.  
 Walter, Geo. J., masons' & bldrs.' matls.—common brick, Chatsworth, Ill.  
 Walter, H. R., Lumber Co., Fayette & Manhattan, Pittsburgh, Pa.  
 Walter, John, & Sons, cornices & skylights, Ottawa, Ill.  
 Walter, John W., contractor, Canton, Ohio.  
 Walter, Louis H., cornices, 1426 Blake, Denver, Colorado.  
 Walter Machine Co., 186 Bellevue av, Detroit, Mich.  
 Walter Mfg. Co., brassed steel ware, Fulton Bldg., Pittsburgh, Pa.  
 Walter Motor Truck Co., 49 W. 66th, New York.  
 Walter, N. C., & Sons, die sinkers, 3 Park Row, New York.  
 Walter, W. A., architect, Penn blvd, W. Lawn, Reading, Pa.  
 Walter, W. Mead, architect, 127 N. Dearborn, Chicago, Ill.  
 Walterboro Cotton Mills, sheetings, Walterboro, S. C.  
 Walters, Alfred, architect, 45 Clinton, Newark, N. J.  
 Walters, G., carriages, Sandwich, Ill.  
 Walters, Geo. C., machsts., 1316 Ellsworth, Philadelphia, Pa.  
 Walters, H. D., freight elevators, 210 2d av, Pittsburgh, Pa.  
 Walters, John W., masons' & bldrs.' matls., Johnstown, Pa.  
 Walters Mfg. Co., dipping paints, Fulton Bldg., Pittsburgh, Pa.  
 Walters Piano Co., 226 E. 63d, New York.  
 Walters, T. E., Plumbing & Htg. Co., Aurora, Ill.  
 Waltham Coal Co., masons' & bldrs.' matls., Waltham, Mass.  
 Waltham Emery Wheel Co., Waltham, Mass.  
 Waltham Foundry Co., Waltham, Mass.  
 Waltham Machine Works, Sewall automatic machinery mfrs., Newton, Waltham, Mass.  
 Waltham Micrometer Dial Gauge Co., dial gauges & dial indicators mfrs., 248 Ash, Waltham, Mass.  
 Waltham Piano Co., 62 3d, Milwaukee, Wis.  
 Waltham Screw Co., Waltham, Mass.  
 Waltham Trap Rock Co., crushed stone, Waltham, Mass.  
 Waltham Watch Co., Waltham, Mass.  
 Walther, A., & Sons, cornices, Bay City, Mich.  
 Walther, Bart., & John P., architects, 147 E. 125th, New York.  
 Walther & Co., paper & pulp mills, 72 Duane, New York.  
 Walther, Geo. W., & Co., elec. light fix. mfrs., 208 W. Fayette, Baltimore, Md.  
 Walther, Henry, contractor, Hennen Bldg., New Orleans, La.  
 Walther, Otto, textile machy., Bourse, Philadelphia, Pa.  
 Walther-Vogler Gas Machine Co., Davenport, Ia.  
 Walthe, Wm., & Co., hand soap, Grand av & 2d, St. Louis, Mo.  
 Walton, C. J., & Son, tubular & water tube boilers; grate bar mfrs., Louisville, Ky.  
 Walton Co., tap extractors, Hartford, Conn.  
 Walton Construction Co., 147 E. 125th, New York.  
 Walton Cotton Mill Co., Monroe, Ga.  
 Walton, D. S., & Co., wrapping paper, 132 Franklin, New York.  
 Walton & Davis Co., masons' & bldrs.' matls., Dickinson, N. D.  
 Walton, F. S., Co., lubricating oils & greases, Orthodox & Del., Philadelphia, Pa.  
 Walton Foundry Co., Walton, N. Y.  
 Walton, J. S., machy. dlr., Pensacola, Fla.  
 Walton Land & Timber Co., De Funiak Springs, Fla.  
 Walton, Luther, machst., Norristown, Pa.  
 Walton & Macke Nail Co., Kokomo, Ind.  
 Walton Neckyoke Centre Co., Gallatin, Mo.  
 Walton, P. B., lumber, Williamsport, Pa.  
 Walton, P. M., Mfg. Co., machinery mfrs., Philadelphia, Pa.  
 Walton, Thos. S., knitted gloves, Needham Heights, Mass.  
 Walton-Van Huffel Mfg. Co., machsts. & fndrs., Galesburg, Ill.  
 Walton, W. McKee, architect, 714 Walnut, Philadelphia, Pa.  
 Waltz, A. H., contractor, Williamsport, Pa.  
 Waltz, Chris., cornices & skylights, Denison, Tex.  
 Waltz Safe & Lock Co., 233 California, San Francisco, Cal.  
 Walville Lumber Co., Walville, Wash.  
 Walworth, A. O., & Co., machsts., 30 S. Clinton, Chicago, Ill.  
 Walworth-English-Flett Co., htg. contrs., 100 Pearl, Boston, Mass.  
 Walworth Mfg. Co., steam fitters' supplies, 798 1st, S. B., Boston, Mass.  
 Walworth Run Foundry Co., W. 27th, Cleveland, Ohio.  
 Walz, C., brass fndrs., 296 Division, Detroit, Mich.  
 Walz, F. C., architect, 118 Asylum, Hartford, Conn.  
 Walz, Geo. A., lumber, Norwalk, Wis.  
 Walz, Hy. J., Co., oven builders, 72 E. Huron, Buffalo, N. Y.  
 Wampum Mill Co., flour, Wampum, Pa.  
 Wamsher, Harry G., stone producers, Perkasio, Pa.  
 Wamsley, A. S., lumber, Stout, Ohio.  
 Wamsutta Mills, cotton sheetings, New Bedford, Mass.  
 Wanacek Strop & Cutlery Co., Fremont, Ohio.  
 Wanaque River Paper Co., 290 B'way, New York.  
 Wand & Niehaus, fire doors, 1315 Cora, St. Louis, Mo.  
 Wandell, Jno. C., architect, 4 Court sq, Brooklyn, N. Y.  
 Wander Iron Works, 321 E. 94th, New York.  
 Wander, S., & Sons Chemical Co., Albany, N. Y.  
 Wandke, W. G., architect, 331 W. 14th, New York.  
 Wangaum Cut Glass Co., Hawley, Pa.  
 Wangenstein, J. J., architect, Providence Bldg., Duluth, Minn.  
 Wangler, Jos. F., Boiler & Sheet Iron Works, 9th & Mullanphy, St. Louis, Mo.  
 Wannenwetsch, C. H. A., architect, 563 William, Buffalo, N. Y.  
 Wanner, Louis, Jr., high pressure piping, 1723 Ludlow, Philadelphia, Pa.  
 Wantling, Isaac, & Co., coal drills, Peoria, Ill.  
 Wantz Lumber & Coal Co., Miamisburg, Ohio.  
 Wapak Hollow Ware Co., Wapakoneta, Ohio.  
 Wapakoneta Machine Co., Wapakoneta, Ohio.  
 Wappler Elec. Co., batteries, surgical instruments, &c., 173 E. 87th, New York.  
 Wapsipinicon Mill & Power Co., buckwheat flour, Independence, Ia.  
 Warburg, Bernard, brick, Springfield rd., New Burlington, Cincinnati, Ohio.  
 Ward, A. H., lumber, Loudon, Tenn.  
 Ward, Albert J., architect, Republican Bldg., Scranton, Pa.  
 Ward, Albert J., Co., stone producers, Fullerton av Bridge, Chicago, Ill.  
 Ward, Alfred L., architect, Stephen Girard Bldg., Phila., Pa.  
 Ward & Blohme, architects, Alaska Commercial Bldg., San Francisco, Cal.  
 Ward-Brock Sash & Door Co., 618 Freeman av, Cincinnati, Ohio.



- Ward Bros., contractors, 653 Lakeview av, Cleveland, Ohio.  
Ward Bros., lbr. mfrs., Big Rapids, Mich., & Dufur, Ore.  
Ward, C. E., cornices & skylights, Humboldt, Ia.  
Ward, C. J., masons' & bldrs.' matls., Titusville, Pa.  
Ward, Chas. B., Jr., archt., 399 Marlborough av, Detroit, Mich.  
Ward, Chas., Engrg. Works, machsts. & fndrs., Charleston, W. Va.  
Ward & Co., mehsts., 54 Fulton av, Astoria, N. Y.  
Ward & Co., meat packers, Fairmount, Minn.  
Ward, E. J., & Sons Co., lumber, Provo, Utah.  
Ward, E. M., contractor, Lexington, N. C.  
Ward, E. S., & Co., patent leather, Waverly, N. J.  
Ward, Edw., contractor, Bloomington, Ill.  
Ward, Edw. D., contractor, 82 Foster, Worcester, Mass.  
Ward, Frank F., architect, 203 B'way, New York.  
Ward, Fred, & Son, machinery dealers, 164 1st, San Francisco, Cal.  
Ward Furniture Mfg. Co., Fort Smith, Ark.  
Ward, Geo. H., & Co., machsts., 78 Delevan, Brooklyn, N. Y.  
Ward & Glossop, architects, Lincoln Bank Bldg., Louisville, Ky.  
Ward & Goodwin, contractors, 110 Jessie, San Francisco, Cal.  
Ward & Grimes, flour mills, Pine Apple, Ala.  
Ward, Hugh H., cornices, Chester, Pa.  
Ward, J. B., & Sons, indry., brushes, brooms, Paterson, N. J.  
Ward, J. H., & Co., flour mills, Greenfield, Tenn.  
Ward, J. H., & Sons Co., stone producers, Park & Nelson, Pittsburgh, Pa.  
Wardlow, J. & W., cotton damasks, 1615 Foulkrod, Phila., Pa.  
Ward, John, & Co., flour, Thomasville, N. C.  
Ward, John, & Son, railroad stationery, 115 Cedar, New York.  
Ward, Jos. T., fndrs., 809 Baynton, Phila., Pa.  
Ward-Kent Co., box shooks, Greenfield, Tenn.  
Ward, Leonard, Electric Co., rheostat controllers of all kinds, & circuit breakers, Bronxville, N. Y.  
Ward Lumber Co., Chamber of Commerce Bldg., Chicago, Ill., & Lynchburg, Va.  
Ward Lumber Co., packing boxes, Moretown, Vt.  
Ward Mfg. Co., wire fences & gates, Decatur, Ind.  
Ward, Marcus, Inc., papeterie mfrs., Pearson & Creek, Long Island City, N. Y.  
Ward-Meehan Co., towels, Lehigh av. & Howard, Phila., Pa.  
Ward Motor Vehicle Co., stor. battery trucks, Mt. Vernon, N. Y.  
Ward, N. E., brick, Selma, N. C.  
Ward, Oliver Q., contractor, Gary, Ind.  
Ward Paving Co., 2308 N. 29th, Philadelphia, Pa.  
Ward Pump Co., Rockford, Ill.  
Ward Safety Razor Co., Blue Island, Ill.  
Ward, Sam'l, Mfg. Co., pads, albums & envelopes, 299 Atlantic av, Boston, Mass.  
Ward, T. J., Const. Co., contrs., 408 N. 11th, St. Louis, Mo.  
Ward Tractor Co., engines, plows, Lincoln, Neb.  
Ward, W. A., architect, Port Chester, N. Y.  
Ward, W. G., machinist, Cadiz, Ohio.  
Ward, W. G., Lumber Co., Ironton, Ohio.  
Ward, W. H., Co., bldg. contr., Lowell, Mass.  
Ward, W. W., & Son, masons' & bldrs.' matls., Charlotte, N. C.  
Ward & Weighton, contractor, Sioux City, Ia.  
Ward, Wilbur F., cornices, 20 W. Pratt, Baltimore, Md.  
Ward & Williams, machsts. & fndrs., Hancock, Mich.  
Warde, P. T., masons' & bldrs.' matls., Milner, Ga.  
Warde Piano Co., 296 11th av, New York.  
Warden, Geo. J., & Co., carriages, 6530 Carnegie av, Cleveland, Ohio.  
Wardlow, H. P., flour, Alberta, La.  
Wardlow, R. L., flour mills, Warren, Ark.  
Wardlow, S. & C., crucible steel, 278 Pearl, New York.  
Wardlow-Thomas Paper Co., Middletown, Ohio.  
Wardman, Harry, contractor, 1430 K, N. W., Washington, D. C.  
Wardner, Herbert L., architect, 93 Federal, Boston, Mass.  
Wardrop, John, wholesale hardware, Mount Carmel, Pa.  
Wardrop, Norval, architect, 270 Woodward, Detroit, Mich.  
Ward's Cove Packing Co., canned goods, Ketchikan, Alaska.  
Ward's, Edgar T., Sons, steel tubing, high speed strips & cold rolled steel, all grades, 44 Farnsworth, Boston, Mass.  
*See adv index at end of book*  
Wardwell Hardware Co., Rome, N. Y.  
Wardwell Lumber Co., Bristol, R. I.  
Wardwell Mfg. Co., machy., 110 Hamilton av, N. E., Cleveland, Ohio.  
Wardwell Needle Co., Lakeport, N. H.  
Ware, Arthur W., & Co., umbrellas, whips, 12 E. 18th, New York.  
Ware Co., mailing tubes, 50 Watts, New York.  
Ware, J. A., Const. Co., contrs., Bouser Bldg., St. Louis, Mo.  
Ware, Jas. E., & Sons, architects, 1170 B'way, New York.  
Ware Mfg. Co., hosiery, elastic, surgical, Camden, N. J.  
Ware, Randolph F., architect, 407 York, Newport Ky.  
Ware Shoals Mfg. Co., sheetings—cotton, Ware Shoals, S. C.  
Ware & Treganza, architects, Utah Sav. & Tr. Bldg., Salt Lake City, Utah.  
Ware, Vernon E., contractor, El Paso, Tex.  
Ware, Walter F., Co., sporting goods, 1034 Spring, Phila., Pa.  
Ware, Wm., Lbr. Co., Houston, Tex.  
Warehouse Point Silk Co., silk thread, Warehouse Point, Conn.  
Warfeld, W. H., cornices, Muncie, Ind.  
Waring, Chapman & Farquhar, sewage disposal plants, 874 B'way, New York.  
Waring, Edw. C., clothes washing machines, Huntsville, Mo.  
Waring, Geo. W., contractor, Columbia, S. C.  
Waring-Underwood Co., expansion joints, Commercial Trust Bldg., Philadelphia, Pa.  
Waring, Vechten Co., advtg. counsellors, 37 E. 28th, New York.  
Wark, Jas., granite, Milford, N. H.  
Wark, W. E., Co., steel struct. wk., 1737 Filbert, Phila., Pa.  
Warley, Thos. C., & Co., boiler compounds, 227 S. Front, Philadelphia, Pa.  
Warlick Sheet Metal Mfg. Co., cornices & skylights, Atlanta, Ga.  
Warlick & Sherrill Co., textile mach. supplies, Granite Falls, N. C.  
Warn, Montrose, architect, 3126 Winter, Los Angeles, Cal.  
Warne, H. Rus., architect, Charleston, W. Va.  
Warnell Lumber & Veneer Co., Plant City, Fla.  
Warner, A. R., contractors, Waynesboro, Pa.  
Warner Arms Corp., machsts. & fndrs., Norwich, Conn.  
Warner Bros. Co., sheet metal stamping, Bridgeport, Conn.  
Warner, C. D., machinist, Terminal, Cal.  
Warner, C. T., mica, 906 S. Bishop, Chicago, Ill.  
Warner, Chas., Co., hydrated lime, I. O. O. F. Bldg., Wilmington, Del.  
Warner, Chas., Co., masons' & bldrs.' matls., 18 E. 41st, New York.  
Warner, Chas. W., cornices, 522 W. Harrison, Chicago, Ill.  
Warner Chemical Co., chemical mfrs., 52 Vanderbilt av, New York.  
Warner & Childs Co., corrugated bottle wrappers, Medford, Mass.  
Warner Co., vacuum cleaners, etc., Muncie, Ind.  
Warner Construction Co., 189 W. Madison, Chicago, Ill.  
Warner, E. T., machsts. & fndrs., Petersburg, Ind.  
Warner, Edw. C., machst. & fndr., Ludlow, Vt.  
Warner Electric Co., elec. spec., Muncie, Ind.  
Warner Elev. Mfg. Co., grain elev. bldrs., Warner, Ill.  
Warner Elevator Mfg. Co., Spring Grove av, Cincinnati, Ohio.  
*See adv index at end of book.*  
Warner Fence Co., Ottawa, Kans.  
Warner, Franz C., architect, Hippodrome Annex, Cleveland, O.  
Warner, G. F., Mfg. Co., archl. iron, New Haven, Conn.  
Warner Gear Co., automobile gears, Muncie, Ind.  
Warner, Geo., lumber, Drexel Bldg., Philadelphia, Pa.  
Warner, Geo. H., architect, Catskill, N. Y.  
Warner, Geo. W., contractor, 29 Circular av, New Haven, Conn.  
Warner Hammer Co., Cromwell, Conn.  
Warner Hardware Co., 13 S. 6th, Minneapolis, Minn.  
Warner Herculene Paint Co., 10 Water, New York.  
Warner Iron Co., blast furnaces, Nashville, Tenn.  
Warner, J. Foster, architect, Granite Bldg., Rochester, N. Y.  
Warner Jewelry Case Co., 642 Mich. av, Buffalo, N. Y.  
Warner, Jno., architect, Marion Bldg., Cleveland, Ohio.  
Warner-Lenz Co., automobile lenses, 914 S. Mich. av, Chicago, Ill.  
Warner Mfg. Co., engraving machines, 810 Citizens' Bldg., Cleveland, Ohio.  
Warner Mfg. Co., hdwe. mfrs., Greenfield, Mass.  
Warner Mfg. Co., woven labels, Paterson, N. J.  
Warner-Miller Co., masons' & bldrs.' matls., New Haven, Conn.  
Warner-Newton Lbr. Co., Grand Rapids, Mich.  
Warner, O. M., architect, Stimson Bldg., Los Angeles, Cal.  
Warner, P. B., contractors & railroad equipment, Culloms Station, Cincinnati, Ohio.  
Warner-Quinlan Asphalt Co., contractors, Syracuse, N. Y.  
Warner Silver Co., colonial candlesticks, Bridgeport, Conn.  
Warner Sugar Refining Co., 79 Wall, New York.  
Warner & Swasey Co., lathes, etc., Carnegie av, Cleveland, O.  
Warner, T. W., Co., automobile gears, levers, etc., Muncie, Ind.  
Warner, W. E., brushes, 136 Centre, New York.  
Warnke Bros. Co., cornices & skylights, Toledo, Ohio.  
Warnock Mfg. Co., makers of pipe wrenches & pipe vises, 54 Commercial, Worcester, Mass.  
Warnock & Ralston, soap, Rock Island, Ill.  
Warnock, W. H., whol. hdwe., Magnolia, Ark.  
Warns, Wm. H., machst., Painted Post, N. Y.  
Warp Compressing Mach. Co., Worcester, Mass.  
Warp Twisting-In Mach. Co., 260 Van Brunt, Brooklyn, N. Y.  
Warren, A. J., Brush Co., 79 Elm, Cincinnati, Ohio.  
Warren Axe & Tool Co., axes & logging tools, Warren, Pa.  
Warren & Bailey Mfg. Co., 359 N. Main, Los Angeles, Cal.  
Warren, Balderston & Co., mill & facty. & plumbers' supplies, Trenton, N. J.  
Warren, Benj. R., & Sons, contractors, Princeton, N. J.  
Warren Brass Fdry. Co., lavatory legs, Warren, Ohio.  
Warren Brick & Tile Co., Warren, Ohio.  
Warren Bros. Co., contractors, 59 Temple pl, Boston, Mass.  
Warren Bros. Co., paints, etc., plate & window glass, Nashville, Tenn.  
Warren, Chas. F., architect, 150 Water, New York.  
Warren Chemical & Mfg. Co., 17 Battery pl, New York.  
Warren City Tank & Boiler Co., Warren, Ohio.  
Warren & Clark, architects, 489 5th av, New York.  
Warren, Clinton, architect, 185 Devonshire, Boston, Mass.  
Warren Co., pulley covering, Niles, Mich.  
Warren Constr. Co., Jamestown, N. Y., & Journal Bldg., Portland, Ore.  
Warren Cotton Oil Mfg. Co., Warren, Ark.  
Warren County Fertilizer Co., Warrenton, Ga.  
Warren & Dellwardt Co., plumbers' supplies, jobbers, 109 Seneca, Buffalo, N. Y.



- Warren, Edgar, Co., cornices, 116 N. 16th, Philadelphia, Pa.  
 Warren, Edward V., architect, Essex Bldg., Newark, N. J.  
 Warren Evaporator Wks., Warren, Ohio.  
 Warren Fertilizer Co., Warren, Pa.  
 Warren Fdry. & Mach. Co., Phillipsburg, N. J.  
 Warren & Gerrish, architects, 53 State, Boston, Mass.  
 Warren Handle Wks., Warren, Ohio.  
 Warren-Harchman Canning Co., Saratoga, Ind.  
 Warren Hardware Co., Warren, Ohio.  
 Warren, Harry E., architect, 6 Beacon, Boston, Mass.  
 Warren, Hugh M., lbr. mfrs., Strong, Me.  
 Warren Iron & Steel Co., Warren, Ohio.  
 Warren, J. C., contractor, Sedalia, Mo.  
 Warren, J. D., Mfg. Co., h'dwe store fixtures, glass sectional shelving, etc., Masonic Temple, Chicago, Ill.  
 Warren, J. F., & W. H. Co., mill & facty. supplies, Worcester, Mass.  
 Warren, J. M., architect, Electric Bldg., Butte, Mont.  
 Warren, J. M., & Co., mill & facty supplies, who. hrwe., Troy, N. Y.  
 Warren, Jas. D., hgt. contrs., Albany, N. Y.  
 Warren, Jas. W., Bldg Co., Elizabeth, N. J.  
 Warren, John B., architect, Essex Bldg., Newark, N. J.  
 Warren-Knight Co., engng. instruments, 136 N. 12th, Phila., Pa.  
 Warren Leather Goods Co., advtg. nov. & spec., Worcester, Mass.  
 Warren Lime Co., West Warren, Me.  
 Warren Lubricant Co., 27 Coenties slip, New York, & 22 Maurice, Buffalo, N. Y.  
 Warren, Lyman O., architect, 112 Academy Hill rd, Boston, Mass.  
 Warren Machine & Iron Wks. Co., Warren, Minn.  
 Warren Mfg. Co., cotton sheetings, Warren, R. I.  
 Warren Mfg. Co., hammocks, belting, press cloths, etc., Warren, Md.  
 Warren Mfg. Co., paper & pulp mills, 217 Morgan av, Brooklyn, N. Y. & 232 B'way, New York.  
 Warren Milling Co., flour, Nashville, N. C.  
 Warren Moore & Co., contractors, Commercial Trust Bldg., Phila., Pa.  
 Warren Motor Truck Co., Warren, O.  
 Warren, O. P. M., contr., 657 W. 1st, N., Salt Lake City, Utah.  
 Warren Oil Co., lubrg., Warren, Pa.  
 Warren Packing Co., canned goods, Portland, Ore.  
 Warren Paint & Color Co., Nashville, Tenn.  
 Warren Paint Co., Warren, Ohio.  
 Warren Parchment Co., paper, Dexter, N. Y.  
 Warren Piano Co., Warren, Pa.  
 Warren, R. Q., architect, Bristol, Tenn.  
 Warren Refining & Chemical Co., metal polish, 9420 Meach av, Cleveland, Ohio.  
 Warren Refining Co., Warren, Pa.  
 Warren, S. D. & Co., paper & pulp mills, 120 Franklin, Boston, Mass.  
 Warren & Smith, architects, Equitable Bldg., Boston, Mass.  
 Warren Soap Mfg. Co., mill soap mfrs., 77 Summer, Boston, Mass.  
 Warren & Southwick Carriage Co., 337 Cleveland av, Columbus, Ohio.  
 Warren Specialty Co., soap, Warren, Pa.  
 Warren Specialty Mfg. Co., pullers, West Farmington, Ohio.  
 Warren Spec. Mfg. Co., wire stretchers, Racine, Wis.  
 Warren Steam Pump Co., Warren, Mass.  
 Warren Steel Casting Co., 4700 Fyler av, St. Louis, Mo.  
 Warren & Svarz, architects, Haight bldg., Seattle, Wash.  
 Warren Tool & Forge Co., railroad & contractors' tools, Warren, Ohio.  
 Warren Veneer & Panel Co., Warren, Pa.  
 Warren, W. A., architect, 10 S. La Salle, Chicago, Ill.  
 Warren, W. T., architect, Empire Bldg., Birmingham, Ala.  
 Warren, W. Thread Wks., Westfield, Mass.  
 Warren Walter G. & Co., decorative elec. lighting, 1401 W. Jackson Bl., Chicago, Ill.  
 Warren & Wetmore, architects, 16 E. 47th, New York.  
 Warrensburg Canning Co., Warrensburg, Ill.  
 Warrenton Clam Co., canned goods, Warrenton, Ore.  
 Warrenton Flour Mills, Warrenton, Va.  
 Warriner, R. B., handles, Jetersville, Va.  
 Warrior Fertilizer Co., Northport, Ala.  
 Warsaw Button Co., Warsaw, N. Y.  
 Warsaw Elevator Co., passenger & freight elevators, Warsaw, N. Y. *See adv. index at end of book.*  
 Warsaw-Wilkinson Co., agricultural implements, Warsaw, N. Y.  
 Warshavsky & Cohen, metallic shades & reflectors, 187 B'way, Brooklyn, N. Y.  
 Warth, John F., brooms, 514 W. 46th, New York.  
 Warwick China Co., Wheeling, W. Va.  
 Warwick & Collins, contractors, 108 S. 8th, Brooklyn, N. Y.  
 Warwick Co., flour, Massillon, O.  
 Warwick Const. Co., coke oven const., 1048 W. Harrison, Chicago, Ill.  
 Warwick, Fred. L., architect, 148 E. Market, Indianapolis, Ind.  
 Warwick, W. R., cornices, Long Branch, N. J.  
 Warwood Tool Co., picks, mattocks, etc., Wheeling, W. Va. *See adv index at end of book*  
 Wasatch Orchard Co., canned goods, Ogden, Utah.  
 Washburn Bros. Co., brick, Glasco, N. Y.  
 Wasco Warehouse Milling Co., masons' & bldrs.' matls., The Dalles, Ore.  
 Waseca Milling Co., cereal foods, Waseca, Minn.  
 Wasem Plaster Co., Fort Dodge, Iowa.  
 Wash-Easy Co., washing machines, 2427 W. 14th, Chicago, Ill.  
 Washburn Bros. Co., masons' & bldrs.' matls., ft. of Jersey av, Jersey City, N. J.  
 Washburn Canning Co., Washburn, Mo.  
 Washburn-Crosby Co., feed, 2d fl., Chm. Com., Minneapolis, Minn.  
 Washburn & Fowler, brick, Grassy Point & Haverstraw, N. Y.  
 Washburn, G. Bertram, architect, 6 Beacon, Boston, Mass.  
 Washburn, G. W., & Son, brick yard, Catskill, N. Y.  
 Washburn & Garfield Mfg. Co., steam fitters' supplies, Worcester, Mass.  
 Washburn, Geo. H., architect, Burlington, Iowa.  
 Washburn, Geo. P., & Son, architects, Ottawa, Kan.  
 Washburn & Granger, grate bar mfrs., 50 Church, New York.  
 Washburn, Ira D., Co., glass, paint, 906 Central av, Cincinnati, Ohio.  
 Washburn, Lettic R., & Co., patterns & models, New Bedford, Mass.  
 Washburn Lbr. Co., Longstreet, La.  
 Washburn, N. S., Lumber Co., Sturgeon Bay, Wis.  
 Washburn, O. S., & Son, dry docks, Charlevoix, Mich.  
 Washburn Shops, castings, drilling mchs., etc., Worcester, Mass.  
 Washburn, Thos. F., Co., varnish mfrs., 2213 Lister av, Chicago, Ill.  
 Washburn, U. F., & Co., brick, Grassy Point & Haverstraw, N. Y.  
 Washburn, U. F., & J. T., brick, East Kingston, N. Y.  
 Washburn, Williams & Co., lbr. mfrs., Scranton, Pa.  
 Washburn Wire Co., Phillipsdale, Providence, R. I.  
 Washburne, Edw. G., & Co., lightning rods, 207 Fulton, New York.  
 Washed Sand & Gravel Co., 513 Lumber Ex., Minneapolis, Minn.  
 Washington Ag'l. College & School of Science, engng. school & coll., Pullman, Wash.  
 Washington Asphalt Block & Tile Co., S. Capitol & R. S. E., Washington, D. C.  
 Washington Auto Supply Co., spark plugs, Washington, Ill.  
 Washington Brick Co., Washington, Ga.  
 Washington Brick Co., Washington, Pa.  
 Washington Brick Lime & Sewer Pipe Co., Spokane, Wash.  
 Washington Brick & Terra Cotta Co., 911 H. N. W., Washington, D. C.  
 Washington Broom & Woodenware Co., corn, Seattle, Wash.  
 Washington Buggy Co., Washington, N. C.  
 Washington Casket Co., coffins, etc., Seattle, Wash.  
 Washington Coal & Coke Co., Dawson, Pa.  
 Washington Cob Pipe Works, Washington, Mo.  
 Washington Construction Co., 118 N. La Salle, Chicago, Ill.  
 Washington Cross Arm & Conduit Co., Creosote, Wash.  
 Washington Cutlery Co., Watertown, Wis.  
 Washington Elevator Co., freight, Seattle, Wash.  
 Washington Excelsior & Mfg. Co., Edmonds, Wash.  
 Washington Guarantee Roofing Co., cornices, 718 Westchester av, New York.  
 Washington Handle Co., Washington, C. H., Ohio.  
 Washington Iron Works, Los Angeles, Cal., & Sherman, Tex.  
 Washington Iron Works, machsts. & fndrs., Seattle, Wash.  
 Washington & Lee University, engng. school & coll., Lexington, Va.  
 Washington Machinery Depot, Tacoma, Wash.  
 Washington Mfg. Co., handles, Washington, C. H., Ohio.  
 Washington Mfg. Co., porch columns, Tacoma, Wash.  
 Washington Mfg. Co., sashes, doors & blinds, Washington, Ga.  
 Washington Mattress Co., Seattle, Wash.  
 Washington Mills, cotton sheetings, Mayodan, N. C.  
 Washington Mills Emery Mfg. Co., North Grafton, Mass.  
 Washington Monumental & Cut Stone Co., Spokane, Wash.  
 Washington Oil Co., cottonseed meal, Washington, La.  
 Washington Packing Co., meat packers, Washington, Pa.  
 Washington Pipe & Foundry Co., steam casings, Tacoma, Wash.  
 Washington Portland Cement Co., Seattle, Wash.  
 Washington Saw Co., 2724 6th, S., Seattle, Wash.  
 Washington Sheet Metal Works, cornices & skylights, Seattle, Wash.  
 Washington Silicate Brick Co., Colorado Bldg., Washington, D. C.  
 Washington Slate Co., Slatington, Pa.  
 Washington Stove Works, Everett, Wash.  
 Washington Street Brass & Iron Foundry, Lebanon, Pa.  
 Washington Tin Plate Co., Washington, Pa.  
 Washington Tool Co., Owatonna, Minn.  
 Washington University, engng. schools & colls., Skinker & Lindell, St. Louis, Mo.  
 Washington Weeder Works, Walla Walla, Wash.  
 Washington Woodworking Co., 200 12th, N. W., Washington, D. C.  
 Washtik Co., mattresses, Nicholas Bldg., Toledo, Ohio.  
 Wasmansdorff & Eastman, architects, Lewiston, Mont.  
 Wasmuth-Endicott Co., cabinets, kitchen, Andrews, Ind.  
 Wason Mfg. Co., machsts. & fndrs., Springfield, Mass.  
 Wasser-Mowat Shingle Co., lumber, Edmonds, Wash.  
 Wasserstrom, L. B., razor strops, 16 Ferry, New York.



- Wasson Piston Ring Co., Hoboken, N. J.  
 Wasson Reel Co., Clinton, Ill.  
 Wasson Stanchion Co., Cuba, N. Y.  
 Wasson, T. J., masons' & bldrs.' matls., Peoria, Ill.  
 Waste Trade Journal, trade publication, 150 Lafayette, New York.  
 Wasuc Mills Co., paper & pulp mill—binders' boards, South Glastonbury, Conn.  
 Watab Pulp & Paper Co., Sartell, Minn.  
 Watauga Flouring Mill, Elizabethtown, Tenn.  
 Watauga Roller Mills, Sugar Grove, N. C.  
 Watchung Stone Co., Plainfield, N. J.  
 Watelsky & Co., scrap iron, rubber, 307 Baymiller, Cincinnati, Ohio.  
 Water Arch Furnace Co., 38 S. Dearborn, Chicago, Ill.  
 Water Power Vacuum Cleaner Co., 84 W. Mohawk, Buffalo, N. Y.  
 Water-Wallingford & Co., pig iron & coke, Trac. Bldg., Cincinnati, Ohio.  
 Waterall, Wm., & Co., enamels, paints & wood fillers, Front & Mechanic, Philadelphia, Pa., & Camden, N. J.  
 Waterbury Battery Co., Waterbury, Conn.  
 Waterbury Brass Goods Corp., fndrs., Waterbury, Conn.  
 Waterbury Buckle Co., Waterbury, Conn.  
 Waterbury Button Co., Waterbury, Conn.  
 Waterbury Castings Co., Waterbury, Conn.  
 Waterbury, Chas. D., architect, 64 E. Van Buren, Chicago, Ill.  
 Waterbury Clock Co., Waterbury, Conn.  
 Waterbury Co., fibre & wire rope, tarred yarn, etc., 63 Park Row, New York.  
 Waterbury, Edwin H., architect, Torrington, Conn.  
 Waterbury Etching Co., etched metal signs, Waterbury, Conn.  
 Waterbury Farrel Fndry. & Mach. Co., Waterbury, Conn.  
 Waterbury Felt Co., Skaneateles Falls, N. Y.  
 Waterbury Fndry. Co., Waterbury, Conn.  
 Waterbury, H. S., architect, 1328 Broadway, New York.  
 Waterbury, H., & Sons Co., horse blankets, felts, etc., Oriskany, N. Y.  
 Waterbury Hair Spring Co., Waterbury, Conn.  
 Waterbury Lbr. & Coal Co., 107 Meadow, Waterbury, Conn.  
 Waterbury Mach. Co., Waterbury, Conn.  
 Waterbury Mfg. Co., machsts. & fndrs., Waterbury, Conn.  
 Waterbury Mattress Co., Waterbury, Conn.  
 Waterbury Rolling Mills, Waterbury, Conn.  
 Waterbury Sand & Gravel Co., Waterbury, Conn.  
 Waterbury Scrap Iron Co., Waterbury, Conn.  
 Waterbury Sheet Metal Wks., cornices, Waterbury, Conn.  
 Waterbury Tool Co., transmission & speed changing gear, mfrs., Waterbury, Conn.  
 Waterbury Welding Co., fndry., riddles, auto supplies, etc., Waterbury, Conn.  
 Waterbury Wire Die Co., Waterbury, Conn.  
 Waterford Canning Co., Waterford, Ky.  
 Waterhouse, Chas. B., architect, 257 Main av., Passaic, N. J.  
 Waterhouse, Charles R., Jr., dock bldr., 74 Park, Bridgeport, Conn.  
 Waterhouse Co., masons' & bldrs.' matls., Los Angeles, Cal.  
 Waterhouse, Frank, & Co., ship bldrs., Seattle, Wash.  
 Waterhouse, H., fndrs., Wheeling, W. Va.  
 Waterhouse & Lester, who. h'we., 540 Howard, San Francisco, Cal.  
 Waterhouse Welding Co., 15 Pelham, Boston, Mass.  
 Waterloo Bending Co., carriage shafts & poles, Waterloo, Ind.  
 Waterloo Brass Fdry., Waterloo, Ia.  
 Waterloo Broom Co., Waterloo, Ind.  
 Waterloo Canning Assn., Waterloo, Wis.  
 Waterloo Canning Co., Waterloo, Ia.  
 Waterloo & Cedar Falls Union Mill Co., flour, Cedar Falls, Ia.  
 Waterloo Cement Machy. Corp., Waterloo, Ia.  
 Waterloo Const. Co., reinf. bar benders, Waterloo, Iowa.  
 Waterloo Fdry. Co., Waterloo, Ia.  
 Waterloo Gasoline Engine Co., Waterloo, Ia.  
 Waterloo Hdw. Co., Waterloo, Ia.  
 Waterloo Lumber Co., Waterloo, Ia.  
 Waterloo Mfg. Co., mill & facty. & pumbers' supplies, Waterloo, Ia.  
 Waterloo Register Co., Waterloo, Ia.  
 Waterloo Saddlery Co., Waterloo, Ia.  
 Waterloo Steam Boiler Works, Waterloo, Ia.  
 Waterloo Varnish Mfg. Co., Waterloo, Ia.  
 Waterloo Woolen Mfg. Co., woolen carriage cloth, Waterloo, N. Y.  
 Waterman, A. A., & Co., fountain pen mfrs., 170 B'way, New York.  
 Waterman, Francis E., architect, 36 Pearl, Hartford, Conn.  
 Waterman, G. M., who. h'dwe., Albion, N. Y.  
 Waterman, Harlan P., contractor, Hartford, Conn.  
 Waterman, Harry H., architect, 10 S. La Salle, Chicago, Ill.  
 Waterman, Hy., & Bro., gas, oil stoves & heaters, 196 Lewis, New York.  
 Waterman & Judge, floor mosaics, 1 Washington, Boston, Mass.  
 Waterman, L. E., Co., fountain pen mfrs., 191 B'way, New York.  
 Waterman Motor Co., elect. lighting systems, marine reverse gears, etc., 235 Mt. Elliott av., Detroit, Mich.  
 Waterman, R. C., & Co., nails, tacks, S. Hanover, Mass.  
 Waterman Supply Co., mill & factory supplies, Fall River, Mass.  
 Waterman, W. E., contractor, 918 Plainfield, Providence, R. I.  
 Waterous Engine Wks. Co., 62 S. Robert, St. Paul, Minn.  
 Waterproof Engng. Co., 1st Nat'l Bank Bldg., Chicago, Ill.  
 Waterproof Paint Co., Watertown, Mass.  
 Waterproof Paper & Board Co., 427 E. 6th, Cincinnati, O.  
 Waterproofing Co., 345 E. 33d, New York.  
 Waters, A. S., brass castings, Salem, Mass.  
 Waters & Brown, masons' & bldrs.' matls., Salem, Mass.  
 Waters, Clark Lbr. Co., Duluth, Minn.  
 Waters, D. F., dyeing machy., 55 Wister, Phila., Pa.  
 Waters-Garland Co., belt fasteners, steam fitters' supplies, etc., 419 W. Main, Louisville, Ky.  
 Waters, Geo. E., & Co., Lbr. Mfrs., 922 Park av., Baltimore, Md.  
 Waters, Geo. W., Co., masons' & bldrs.' matls., Laurel, Md.  
 Waters Governor Co., 141 Milk, Boston, Mass.  
 Waters, H. C., & Co., mill & facty. supplies & masons' & bldrs.' matls., Paw Paw, Mich.  
 Waters, Horace, & Co., pianos, 134 5th av., New York.  
 Waters, John, Bldg. Co., 23 E. Center, Baltimore, Md.  
 Waters, L. C., architect, Knoxville, Tenn.  
 Waters & Osborn Co., sash, door & blind, Red Bank, N. J.  
 Waters, Thos. J., Co., contractors, 271 W. 125th, New York.  
 Waters, Wm., architect, Oshkosh, Wis.  
 Waterson, J. C., machsts., Elkhart, Ind.  
 Watertite Drain & Scupper Co., 351 Lexington av., New York.  
 Watertown Auto. & Supply Co., auto springs, Watertown, N. Y.  
 Watertown Canning Co., Watertown, Wis.  
 Watertown Lumber Co., Watertown, Mass.  
 Watertown Machine Co., Watertown, Wis.  
 Watertown Mattress Mfg. Co., Watertown, N. Y.  
 Watertown Milling Co., flour, Watertown, Tenn.  
 Watertown Specialty Co., machsts., Watertown, N. Y.  
 Waterville Fdry. & Mfg. Co., Waterville, N. Y.  
 Waterville Granite Co., Waterville, Me.  
 Waterville Iron Works, machsts. & fndrs., Waterville, Me.  
 Watervliet Arsenal, light & heavy ordnance, Watervliet, N. Y.  
 Watervliet Paper Co., Watervliet, Mich.  
 Waltham Trap Rock Co., Waltham, Mass.  
 Wathen, R. E., & Co., gin distillers, Louisville, Ky.  
 Watkin, M., machsts., 35 Pike, New York.  
 Watkin, Wm. Ward, architect, Scanlan Bldg., Houston, Tex.  
 Watkins, B. F., & Co., fertilizer, Jackson, Ga.  
 Watkins & Brieb, architects, Felt Bldg., Salt Lake City, Utah.  
 Watkins, Chas. H., heating contractors, Newton, N. J.  
 Watkins, Chas. & Son, contractors, Plymouth, Pa.  
 Watkins, Cottrell, Co., wholesale hardware, Richmond, Vt.  
 Watkins, E. A., & Bros., lumber mfrs., Norfolk, Va.  
 Watkins Engineering Supply Co., mill & facty. supplies, 137 High, Boston, Mass.  
 Watkins, Ernest R., architect, Anderson, Ind.  
 Watkins, J. B., & Co., masons' & bldrs.' matls., South Omaha, Neb.  
 Watkins, J. E., canned goods, St. Michaels, Md.  
 Watkins, Jas. E., contractor, Amesbury, Mass.  
 Watkins, Jas. Y., & Son, coppersmiths, oven bldrs., 20 Catherine, New York.  
 Watkins, Jno. B., sashes, doors & blinds, Henderson, N. C.  
 Watkins Lumber Co., Mena, Ark.  
 Watkins Machine Works, Berwick, La.  
 Watkins Motor Co., machsts., 6th & Baymiller, Cincinnati, Ohio.  
 Watkins Packing Co., Odessa, Del.  
 Watkins, S. E., & Sons, architects, Sherwood, Ore.  
 Watling Mfg. Co., machsts., 1029 W. Adams, Chicago, Ill.  
 Watrous, Acme Mfg. Co., hardware, Des Moines, Ia.  
 Watrous Co., faucets, lavatories, pipes, valves, etc., 14 E. Jackson blvd., Chicago, Ill.  
 Watrous, F., brick, Chelsea, N. Y.  
 Watrous Mfg. Co., table silverware, Wallingford, Conn.  
 Watrous Mfg. Co., toy metal bldg. materials, East Hampton, Conn.  
 Watrous Varnish Co., 20th & Tasker, Phila., Pa.  
 Watson, A. O., architect, E. 6th & Brazos, Austin, Tex.  
 Watson, A. R., brick, Mount Orab, O.  
 Watson, A. W., Brick Co., Greensboro, N. C.  
 Watson, A. W., & W. M. Co., lbr., sash, door & blind mfrs., Newton, Pa.  
 Watson, Alexander, masons' & bldrs.' matls., Hartford, Conn.  
 Watson, Andw., scrap iron & steel, 44 Withers, B'klyn, N. Y.  
 Watson Bros., mica, 170 Purchase, Boston, Mass.  
 Watson Bros. Co., canned goods, Greenwich, N. J.  
 Watson Bros. & Co., flour mills, Loudenville, W. Va.  
 Watson Bros. Iron Wks., Albany, Ore.  
 Watson, C. David L., heat, hot water generators, Terre Haute, Ind.  
 Watson Cement & Coal Co., masons' & bldrs.' matls., Lima, O.  
 Watson Co., silver novelties, Attleboro, Mass.  
 Watson Co., contractors, Dallas, Tex.  
 Watson Co., fly killers, Peru, Ind.  
 Watson Constr. Co., 123 William, New York.  
 Watson Contracting Co., 1311 Huntsville rd., Birmingham, Ala., & H. R. & Fordham rd., New York.  
 Watson, Daniel, contractor, 49 Belden pl., San Francisco, Cal.  
 Watson, E. K., contractor, Warren, R. I.  
 Watson, Fitzgerald, Corp., common brick, Danville, Va.  
 Watson, Frank C., architect, Wallingford, Pa.  
 Watson, Frye & Co., marine hdwe., machts. & fndrs., Bath, Me.



- Watson, Gavin F., stone producers, E. 72d & Blackstone av, Chicago, Ill.
- Watson, Geo., contractor, New Rochelle, N. Y.
- Watson, Geo. E., Co., paint & varnish mfrs., 62 W. Lake, Chicago, Ill.
- Watson, H. F., Co., asbestos materials, 16th & Holland, Erie, Pa.
- Watson-Higgins Milling Co., flour, Grand Rapids, Mich.
- Watson & Huckel, architects, 1211 Walnut, Phila., Pa.
- Watson, J. D., & Co., paints, New Brunswick, N. J.
- Watson, J. H., machsts., Worcester, Mass.
- Watson, Jas. A., architect, 34 Warburton av, Yonkers, N. Y.
- Watson, Jas. H., Co., metallic window frame & sash, Bradley, Ill.
- Watson, Jas. H., & Co., contrs., Kokomo, Ind.
- Watson, John, starch mfr., Houlton, Me.
- Watson, John B., Co., elec. ry. supplies, Witherspoon Bldg., Philadelphia, Pa.
- Watson, John C., architect, 271 W. 125th, New York.
- Watson, John C., steam fitters, supps., Terre Haute, Ind.
- Watson, John & Co., mill & facty. supplies, who. h'dwe., Houlton, Me.
- Watson, John, & Sons Co., machsts. & fndrs., Trenton, N. J.
- Watson & Johnson, canned goods, Peaksville, Va.
- Watson, L. F., architect, 321 W. 3d, Los Angeles, Cal.
- Watson, L. S., Mfg. Co., mill & facty. supplies, Leicester, Mass.
- Watson Lands Lbr. Co., Nebraska, Pa.
- Watson & McDaniel Co., steam specialties, 146 W. 7th, Phila., Pa.
- Watson Mach. Co., Paterson, N. J.
- Watson Mfg. Co., machsts., Toledo, Ohio.
- Watson Mfg. Co., metal furniture, screens, etc., Jamestown, N. Y.
- Watson, N. A., machsts., Erie, Pa.
- Watson, Nelson M., machsts., Dailey Bldg., Detroit, Mich.
- Watson-Penfield Corp., plumbers' supplies, jobbers, New Bedford, Mass.
- Watson, Robert A., architect, 38 Hillside, Roxbury, Boston, Mass.
- Watson & Robinson, sash, door & blind mfrs., 49 Queen, Gtn., Philadelphia, Pa.
- Watson-Stillman Co., hydraulic machinery, jacks & presses, 38 Church, New York. *See adv index at end of book.*
- Watson, T. F., & Bro., masons' & bldrs.' matls., Coraopolis, Pa.
- Watson, W. A., mill & facty. supplies, Greensburg, Ind.
- Watson Wagon Co., Canastota, N. Y.
- Watson's C. D. Co., mill & facty. & steam fitters' supplies, Terre Haute, Ind.
- Watson's Forge & Mach. Wks., 557 W. 35th, New York.
- Watsontown Brick Co., Watsontown, Pa.
- Watsontown Door & Sash Co., Watsontown, Pa.
- Watt Bros., stone producers, Lafayette, O.
- Watt, F. N., Co., coffins, etc., Richmond, Ind.
- Watt Hardware Co., Waycross, Ga.
- Watt & Holmes Hardware Co., Cordele, Ga.
- Watt, James & Bros., tires, poles & posts, Thomasville, Ga.
- Watt Mining Car Wheel Co., Barnesville, O.
- Watt & Mitchell, common brick, Princeton, Ind.
- Watt Plow Co., Richmond, Va.
- Watt, Robt. Mfg. Co., gas radiators, 1701 N. 20th, Phila., Pa.
- Watt & Sinclair, contractors, 348 W. 27th, New York.
- Watters, Chas. H., contractor, Akron, O.
- Watters & Martin, hardware, who., Norfolk, Va.
- Watterson, H. A., & Son, contractors, Erie Bldg., Cleveland, O.
- Watterson, Henry, contractor, 4500 Euclid av, Cleveland, O.
- Watterson, Wm. R., architect, Guardian Bldg., Cleveland, O.
- Watterworth & Fee, bldg. contrs., Duluth, Minn.
- Wattis, L. R., Co., contractors, Dooly Bldg., Salt Lake City, Utah.
- Wattles, Richard H., fertilizer mfrs., Alexandria, Va.
- Wattrous, Ray, contractor, 249 Edison, Salt Lake City, Utah.
- Watts, Albert S., architect, Pikesville, Md.
- Watts Bros., lumber, Campbellstown, O.
- Watts, Campbell Co., machsts. & fndrs., 298 Ogden, Newark, N. J.
- Watts, E. E., contractor, Princeton, Ind.
- Watts, G., cornices, Honesdale, Pa.
- Watts, H. D., Co., contractors, Riggs Bldg., Washington, D. C.
- Watts, I. R., machsts., Clay Center, Kansas.
- Watts, J. H., sash, door & blind mfrs., Harriman, Tenn.
- Watts, J. Murray, naval architects, 328 Chestnut, Phila., Pa.
- Watt's, John M., Sons, boiler oil feeders, packing mfrs., belt dressing, etc., 54 N. 2d, Phila., Pa.
- Watts Laundry Machine Co., Willimantic, Conn.
- Watts Mfg. Co., agricultural implements, Jackson, Mich.
- Watts Mfg. Co., cotton duck & sheetings, Liledoun, N. C.
- Watts Mills, cotton sheetings, Laurens, S. C.
- Watts Regulator Co., steam specialties, mfrs., 250 Lowell, Lawrence, Mass.
- Watts & Stern, machsts., 1303 Buttonwood, Phila., Pa.
- Watson & Spicer, contractors, 405 S. Hill, Los Angeles, Cal.
- Wauchula Mfg. & Timber Co., Wauchula, Fla.
- Waud Mfg. Co., elec. portables, 1193 B'way, New York.
- Waugh Draft Gear Co., Peoples' Gas Bldg., Chicago, Ill.
- Waukesha Lime & Stone Co., 1211 Humboldt av, Milwaukee & Waukesha, Wis.
- Waukesha Malleable Iron Co., castings, Waukesha, Wis.
- Waukesha Mfg. Co., packing box, Waukesha, Wis.
- Waukesha Motor Co., machsts. & fndrs., Waukesha, Wis.
- Waupaca Felting Mill, Waupaca, Wis.
- Waupaca Starch Co., Waupaca, Wis.
- Waupun Canning Co., Waupun, Wis.
- Wausau Box & Lumber Co., Wausau, Wis.
- Wausau Canning Co., Wausau, Wis.
- Wausau Fix. & Furn. Co., draughting tables, Wausau, Wis.
- Wausau Foundry & Machine Co., Wausau, Wis.
- Wausau Iron Works, machsts. & fndrs., Wausau, Wis.
- Wausau Novelty Co., turned wood nov., Wausau, Wis.
- Wausau Paper Mills Co., Brokaw, Wis.
- Wausau Quartz Co., Wausau, Wis.
- Wausau Southern Lumber Co., Wausau, Wis.
- Wausau Sulphur Fibre Co., Mosinee, Wis.
- Wauseon Lumber & Supply Co., Wauseon, Ohio.
- Waushara Granite Co., 179 W. Washington, Chicago, Ill.
- Wauwatosa Stone Co., Loan & Tr. Bldg., Milwaukee, Wis.
- Waverly Brick & Tile Co., Waverly, Ill.
- Waverly Co., storage battery trucks, 139 S. East, Indianapolis, Ind.
- Waverly Htg. & Supply Co., furnace pipe, 28 Union, Boston, Mass.
- Waverly Mfg. Co., machsts. & fndrs., Jefferson, Wis.
- Waverly Mills Co., rice, Waverly Mills, S. C.
- Waverly Novelty Co., electric clocks, 806 Bessemer Bldg., Pittsburgh, Pa.
- Waverly Oil Works Co., oil refiners, 54th & A. V. R. R., Pittsburgh, Pa.
- Waverly Paper Box Board Co., Weston av, Newark, N. J.
- Wax Brush Co., yarn brushes, mops & dusters, mfrs., 56 Sanford, Boston, Mass.
- Waxahachie Cotton Mills, Waxahachie, Tex.
- Waxene Size Co., Fall River, Mass.
- Waxwell Motor Co., auto bldrs., Detroit, Mich.
- Way, C. W., Co., architects, Hastings, Neb.
- Way, Michael, contractor, Springfield, Mass.
- Way, S. Harry, htg. contr., 12 Clay, Baltimore, Md.
- Wayland Canning Co., Wayland, N. Y.
- Wayland & Fennell, architects, Boise, Idaho.
- Wayland, Harry C., architect, 1133 B'way, New York.
- Waymart Knitting Mill, sweaters, Waymart, Pa.
- Waymoth, A. D., & Co., machsts., Fitchburg, Mass.
- Wayne Agricultural Wks., Goldsboro, N. C.
- Wayne Brass Foundry Co., 4635 Butter, Pittsburgh, Pa.
- Wayne Canning Co., Wayne, Mich.
- Wayne County Canning Co., Ltd., Marion, N. Y.
- Wayne Cut Glass Co., Towanda, Pa.
- Wayne Iron Wks., machsts. & fndrs., Commercial Trust Bldg., Phila., Pa.
- Wayne Junction Metal Cornice Co., 4545 Wayne, Gtn., Phila., Pa.
- Wayne Lbr. Co., 44 Whitehall, New York.
- Wayne Machy. Co., Ft. Wayne, Ind.
- Wayne Mfg. Co., ash sieves, 2009 N. Croskey, Phila., Pa.
- Wayne Mfg. Co., clothes washing machs., 124 Sidney, St. Louis, Mo.
- Wayne Oil Tank & Pump Co., Fort Wayne, Ind.
- Wayne Paper Goods Co., paper cups & towels, Ft. Wayne, Ind.
- Wayne Soap Co., soap powders, Copeland & M. C. R. R. Co., Detroit, Mich.
- Wayne Spoke & Bending Co., Ft. Wayne, Ind.
- Wayne Works, agricultural implements & auto bldrs., Richmond, Ind.
- Waynesboro Brick & Supply Co., Waynesboro, Pa.
- Waynesboro Foundry & Machine Co., fndry., Waynesboro, Pa.
- Waynesboro Milling Co., flour, Waynesboro, Va.
- Waynesburg Brick & Stone Co., Waynesburg, Pa.
- Waynesburg Carriage Co., Waynesburg, Ohio.
- Waynesburg Pressed Steel Co., shovel, spade mfrs., Waynesburg, Pa.
- Waynesfield Drain Tile Co., Waynesfield, Ohio.
- Waynesville Canning Co., Waynesville, Ohio.
- Wayte, W. J., Inc., cream separators, hydro-extractors, etc., 1 Liberty, New York.
- Weaber, Adam, & Son, brass fndrs., Vineland, N. J.
- Weakley, Frank M., Seymour, Conn.
- Weakley, Raymond D., architects, Cent. Nat. Bank Bldg., St. Louis, Mo.
- Weakley-Watson-Miller Hardware Co., Brownwood, Tex.
- Weeks Supply Co., machsts. & fndrs.—mill & facty supplies, Monroe, La.
- Wear, Frank M., htg. contr., 206 E. 29th, New York.
- Wear, John B., & Son, hot air furnaces, 206 E. 29th, New York.
- Wear-Proof Mat Co., 500 S. Peoria, Peoria, Ill.
- Wearcrete Engineering Co., concrete hardener & mastic floors, Peoples' Gas Bldg., Chicago, Ill.
- Weare, Samuel W., machsts. & fndrs., Salisbury, Mass.
- Wearn, J. H., & Co., masons' & bldrs.' matls., Charlotte, N. C.
- Wearne Bros., machsts. & fndrs., Omaha, Neb.
- Weart & Lysaght Co., masons' & bldrs.' matls., Cherokee, Ia.
- Weary & Alford Co., bank fixtures, 1907 Michigan av, Chicago, Ill.
- Weary & Beck, mosaics, 1907 S. Michigan av, Chicago, Ill.
- Weary, Chas. A., architect, 167 W. Washington, Chicago, Ill.
- Weary, F. O., architect, E. Market, Akron, Ohio.
- Weathered Co., horticultural arches, Orient & West End avs, Jersey City, N. J.
- Weatherford Machy. & fdry. Co., Weatherford, Tex.



- Weatherford Milling Co., flour, Weatherford, Okla.  
 Weatherhead, Thompson & Co., textile machy., Pawtucket, R. I.  
 Weatherhogg, Chas. R., architect, Hamilton Nat'l Bk. Bldg., Fort Wayne, Ind.  
 Weatherholt, Marion, ties, Cloverport, Ky.  
 Weatherly Co., bk. railings, cornices, htg. contrs., etc., Grand Rapids, Mich.  
 Weatherly Fdry. & Mach. Co., Weatherly, Pa.  
 Weatherproof Calking Co., calking putty & paste, Minneapolis, Minn.  
 Weatherproofing Nail Co., nail mfrs., 451 North, Baltimore, Md.  
 Weathers, L. M., Co., architects, Randolph Bldg., Memphis, Tenn.  
 Weathers, P. H., architect, 605½ N. California av., Oklahoma, Okla.  
 Weathers Poke Co., Windsor, Mo.  
 Weatherwax, Harry, & Son, architects, North Yakima, Wash.  
 Weave Hardware Co., 31 Main, E., Rochester, N. Y.  
 Weaver, A. E., architect, Penobscot Bldg., Detroit, Mich.  
 Weaver Bros., lumber mfrs., Shreveport, La.  
 Weaver Bros., masons' & bldrs.' matls., Galion, Ohio.  
 Weaver Bros., Co., masons' & bldrs.' matls., Crestline, Ohio.  
 Weaver, C. B., Constr. Co., 405 S. Hill, Los Angeles, Cal.  
 Weaver, C. C., contractor, Sharon, Pa.  
 Weaver, C. J., architect, Sharon, Pa.  
 Weaver, Calvin, contractor, Mechanicsburg, Pa.  
 Weaver & Co., machsts. & fndrs., New Oxford, Pa.  
 Weaver Contr. Co., Allentown, Pa.  
 Weaver, E. B., architect, 500 26th, San Diego, Cal.  
 Weaver, H. T., architect, Honesdale, Pa.  
 Weaver, Ira B., flour mills, Gloucester, Va.  
 Weaver, Jos. & Son, ship bldrs., Orange, Tex.  
 Weaver-Loughridge Lumber Co., Boyd, Fla.  
 Weaver Mailing Envelope & Box Co., 343 S. 3d, Phila., Pa.  
 Weaver Mfg. Co., machst., Springfield, Ill.  
 Weaver, Morve L., architect, Visalia, Cal.  
 Weaver Piano Co., York, Pa.  
 Weaver Pottery Co., Catlettsburg, Ky.  
 Weaver & Son, gin distillers, Elizabethtown, Pa.  
 Weaver Specialty Co., soldering flux, 6344 Aurelia, Pittsburgh, Pa.  
 Weaver & Sterry (Ltd.), mill soaps, powdered licorice, 79 Pine, New York.  
 Weaver & Stewart, architects & contractors, 222 Market, Harrisburg, Pa.  
 Weaver, Thomas L. S., architect, Newport, R. I.  
 Weaver's, Geo. F., Sons Co., brick, Utica, N. Y.  
 Webb, A. L., & Sons, alcohol, oils, 115 E. Lombard, Baltimore, Md.  
 Webb, A., & Son, canned goods, Vienna, Md.  
 Webb & Bellamy Casserole Co., 337 River, Chicago, Ill.  
 Webb Bros. Belting Co., 1304 Union av., Kansas City, Mo.  
 Webb Bros. Co., masons' & bldrs.' matls., Sioux City, Ia.  
 Webb, C. E., machst. & fndr., Fulton, Ky.  
 Webb, C. Edgar, architect, 237 R. J. av., N. W., Washington, D. C.  
 Webb City & Carterville Fdry. & Mach. Wks., Webb City, Mo.  
 Webb, David R., Co., veneer mfrs., Edinburg, Ind.  
 Webb, Elisha & Son Co., steam fitters' supplies, 136 S. Front, Phila., Pa.  
 Webb, F. P., & F. J., granite, Swanville, Me.  
 Webb, F. W. Mfg. Co., plumbers' supplies—jobbers, 56 Elm, Boston, Mass.  
 Webb Folding Box Co., Bogota, N. J.  
 Webb Granite & Const. Co., crushed stone, Worcester, Mass.  
 Webb, Gregory B., architect, 104 W. 42d, New York.  
 Webb, H. C., canned goods, Stewartsville, Va.  
 Webb, H. F., Co., canned goods, Portland, Me.  
 Webb Hinge Belt Hook Co., Boonton, N. J.  
 Webb, J. Beavor, naval architect, 27 Cedar, New York.  
 Webb, J. F., machy., Davenport, Ia.  
 Webb, J. W., carriages, Plymouth, Ohio.  
 Webb, Jas. A., & Son, alcohol, 50 Stone, New York.  
 Webb-Kunze Constr. Co., 5927 Fyler av., St. Louis, Mo.  
 Webb Mfg. Co., curtain poles, Brookville, Pa.  
 Webb Mfg. Co., wire belts, polishing apparatus, shafts, etc., Ft. Center, Newark, N. J. *See adv index at end of book.*  
 Webb, Oliver W., architect, 723 3d, Milwaukee, Wis.  
 Webb & Perry, tin plate, metals, etc., Austin, Tex.  
 Webb Pink Granite Co., Worcester, Mass.  
 Webb Press Co., Ltd., machsts., Minden, La.  
 Webb, T. A. W., & Son, woolen blankets, Allensville, Pa.  
 Webb, W. H., canned goods, Bloomington, Ind.  
 Webb, Wm., lumber, Mud Lick, Ky.  
 Webb Wire Wks., New Brunswick, N. J.  
 Webber Co., contractors, 1633 W. 25th, Cleveland, Ohio.  
 Webber Const. Co., 29 W. 34th, New York.  
 Webber, Frank J., contrs., Decatur, Ill.  
 Webber, Fred, architect, Morris Bldg., Phila., Pa.  
 Webber, Geo. F., knitted gloves, Detroit, Mich.  
 Webber Iron Works, Birmingham, Ala.  
 Webber, J. A., machst., 368 E. Washington, Portland, Ore.  
 Webber Lbr. & Supply Co., Fitchburg, Mass.  
 Webber, Peter J., architect, 343 S. Dearborn, Chicago, Ill.  
 Webber, Richard, meat packer, 2191 3d av., New York.  
 Webber, Walter, architect, Ferguson Bldg., Los Angeles, Cal.  
 Webendorfer, H., silk fringes, tassels, 338 E. 103d, New York.  
 Weber, A., Co., wholesale hardware, Keokuk, Ia.  
 Weber, A., & Co., canned goods, 1941 O'Fallon, St. Louis, Mo.  
 Weber, A. S., contractor, Erie, Pa.  
 Weber, Alfred P., architect, Conway Bldg., Chicago, Ill.  
 Weber-Bahnemann Co., plate glass, Racine, Wis.  
 Weber Battery Co., 3306 W. Jackson blvd., Chicago, Ill.  
 Weber Brass Co., shade holders, 1120 Prospect av., Cleveland, Ohio.  
 Weber Bros. Metal Wks., machsts., 108 N. Jefferson, Chicago, Ill.  
 Weber, C. C., & E. A., architects, N'tl Bk. Bldg., Cincinnati, Ohio.  
 Weber, C. F. & Co., school furniture, 365 Market, San Francisco, Cal.  
 Weber, C. H., linoleum mfr., 17th & 4th av., New York.  
 Weber, C. S., & Co., plate glass, 8 Desbrosses, New York.  
 Weber Carriage Co., Southwest Bldg., Kansas City, Mo.  
 Weber, Chas., wood handles, 234 Ionic, Phila., Pa.  
 Weber Chimney Co., concrete chimneys, 1454 McCormick Bldg., Chicago, Ill.  
 Weber & Damme Wagon Co., 1621 B'way, St. Louis, Mo.  
 Weber Elec. Co., switch bases, Schenectady, N. Y.  
 Weber-Erickson-Bunting Co., stamps & stencils, 221 Diamond, Pittsburgh, Pa.  
 Weber, Fred, & A. Co., sash, door & blind mfrs., 4012 Cherry Cum'ville, Cincinnati, Ohio.  
 Weber, Fred P., architect, Commercial Bldg., Louisville, Ky.  
 Weber, Henry C., Co., whol. hdwe., 230 Woodward av., Detroit, Mich.  
 Weber, F., & Co., engineers & draftsmen supplies, 1125 Chestnut, Phila., Pa. *See adv index at end of book.*  
 Weber Illuminating Sign Co., Reading, Pa.  
 Weber, J. F., & Co., lumber, 304 Gratiot av., Detroit, Mich.  
 Weber, J. J., flour mills, Ashville, Pa.  
 Weber, John R., architect, Ft. Thomas, Ky.  
 Weber, Jos., architect, 411 Spring, West Hoboken & Guttenberg, N. J.  
 Weber, Kirch Mfg. Co., cream separators, Keokuk, Iowa.  
 Weber, Knapp Co., cabinet hardware mfrs., Jamestown, N. Y.  
 Weber-Knapp Co., shaving mirrors, Jamestown, Pa.  
 Weber, Lind Co., decorators & painters, 1011 Chester av., Cleveland, Ohio.  
 Weber & Litten, mfr's. agents (bldg), Mfrs. Bldg., Pitts'g, Pa.  
 Weber, Louis, Bldg. Co., 171 Madison, New York.  
 Weber, M., Co., auto. wood bodies, Dayton, Ohio.  
 Weber Mfg. Co., agricultural implements, Rockton, Ill.  
 Weber Mfg. Co., floor scrapers, West Allis, Wis.  
 Weber, O. B., cornices & skylights, Mattoon, Ill.  
 Weber, Oliver M., Co., sash, door & blind, North Wales, Pa.  
 Weber Piano Co., 29 W. 42d, New York.  
 Weber Planing Mill Co., Strasburg, O.  
 Weber, Simon, & Son, scrap iron & steel, Louisville, Ky.  
 Weber & Sons, pianos, 1256 Wellington av., Chicago, Ill.  
 Weber & Sons, buttons, Muscatine, Iowa.  
 Weber & Stulen, architects, Renshaw Bldg., Pittsburgh, Pa.  
 Weber Subterranean Pump Co., water supply systems, 50 E. 42d, New York.  
 Weber's, Jacob V., Sons, archl. iron, 308 E. 26th, New York.  
 Weborg Bros., Spring Bed Co., Jamestown, N. Y.  
 Webster-Butterfield Co., canned goods, 2219 Boston, Balto., Md.  
 Webster, C. D., Oil Co., Coalton, Okla.  
 Webster Canning & Preserving Co., Webster, N. Y.  
 Webster, Chas., Woods, architect, Cutting Bldg., Joliet, Ill.  
 Webster Chemical Co., inc. lamp coloring, St. Paul, Minn.  
 Webster, Co., canned goods, East New Market, Md.  
 Webster Co., silver novelties—sewing thimbles, etc., North Attleboro, Mass.  
 Webster County Canning Co., Marshfield, Mo.  
 Webster Electric Co., magnetos, Racine, Wis.  
 Webster, F. I., mill & facty. sup., Turners Falls, Mass.  
 Webster, F. C., Co., carbon, papers, pencil sharpeners, etc., 340 Congregational, Boston, Mass.  
 Webster & Ford, architects, Lyon Bldg., Seattle, Wash.  
 Webster, Frank L., & Son, machinists, Cherokee, Kan.  
 Webster, Fred'k, contractor, 123 William, New York.  
 Webster, Frederick L., canned goods, Adams, N. Y.  
 Webster, G. A., Co., advtg. nov. & spec., 54 W. Lake, Chicago, Ill.  
 Webster, Geo., & Sons, lbr., Swanton, Vt.  
 Webster, H. P., & Sons, masons' & bldrs.' matls., Eaton Rapids, Mich.  
 Webster, James, architect, Dubuque, Iowa.  
 Webster & Keyser, brick, 30th & Tasker, Phila., Pa.  
 Webster Loom Harness Co., tex. machy. sup., Fall River, Mass.  
 Webster, Louis C., & Son, contractors, 19 Liberty, New York.  
 Webster Mfg. Co., chairs, Superior, Wis.  
 Webster Mfg. Co., conveying & machinery, Tiffin, Ohio.  
 Webster Mill Co., flour, Webster, S. D.  
 Webster, N., canned goods, Cambridge, Md.  
 Webster & Perks Tool Co., dies, bolt & nut machinery, etc., Springfield, Ohio.  
 Webster Piano Co., Leominster, Mass.  
 Webster, R., canned goods, Hurlock, Md.  
 Webster Refining Co., petroleum, Jennings, La.  
 Webster, S. L., & Son, fertilizer mfrs., Cambridge, Md.  
 Webster Sand, Gravel & Const. Co., Lanesville, La.  
 Webster Stone Co., Irvington, Ky.  
 Webster, W., & Co., canned goods, Vienna, Md.  
 Webster, W. F., Cement Co., Cambridge, Mass.  
 Webster, Warren & Co., heating contractors, Camden, N. J.



- Wechsler, Louis, contractor, 133 Broadway, New York.  
 Weck, Edw., & Son, safety razor mfrs., 148 Fulton, New York.  
 Wecker & Co., mattresses, 1437 Milwaukee av., Chicago, Ill.  
 Weco Mfg. Co., electric ovens & hack saw blocks, mfrs., 144 Pearl, Boston, Mass.  
 Wedeking Co., fertilizer mfrs., Dale, Ind.  
 Wedell & Boers, trunks & tool chests, mfrs., 157 Jefferson av., Detroit, Mich.  
 Wedemeyer, Wm., architects, Wainwright Bldg., St. Louis, Mo.  
 Weder Mfg. Co., surgical & dental instruments, Germantown & Stenton, Philadelphia, Pa.  
 Wedmore, D. A., & Co., fruit pickers, wire goods, Camden, N. J.  
 Wedron Silica Co., Ottawa, Ill.  
 Wedron White Sand Co., Wedron, Ill.  
 Weeber, C. F., Mfg. Wks., pullers, tools, etc., Albany, N. Y.  
 Weed Chain Tire Grip Co., Bridgeport, Conn.  
 Weed & Co., mill & facty. supplies, whol. hdwe., 13 Exchange, Rochester, N. Y.  
 Weed & Co., mill & facty. supplies, whol. hdwe., 292 Main, Buffalo, N. Y.  
 Weed & Duryea, masons' & bldrs.' matls., New Canaan, Conn.  
 Weed, F. A., Hardware Co., Potsdam, N. Y.  
 Weed, J. D., & Co., mill, facty. & plumbers' supplies, jobbers, whol. hdwe., Savannah, Ga.  
 Weed Lumber Co., Weed, Cal.  
 Weed, W. H., mill & facty. supplies, Vincennes, Ind.  
 Weeden Mfg. Co., iron toys, New Bedford, Mass.  
 Weeder, F., Ellsworth, glass stainer, 34 S. 16th, Phila., Pa.  
 Weedle, A. L., lbr., Sweet Home, Ore.  
 Weehawken Dry Dock Co., Weehawken, N. J.  
 Weehawken Tungsten Lamp Co., 550 Gregory av., Weehawken, N. J.  
 Week, John, Lumber Co., Stevens Point, Wis.  
 Weekes, John, & Son Co., mill, facty. & plumbers' supplies, Watertown, N. Y.  
 Weeks, A. T., canned goods, Roanoke, Va.  
 Weeks, Arthur J., stoneware, tanks, chemical, Akron, Ohio.  
 Weeks, D. C., & Co., contractor, 1123 Broadway, New York.  
 Weeks, Frank A., Mfg. Co., hdwe., 93 John, New York.  
 Weeks, Geo. S., masons' & bldrs.' matls., West Winfield, N. Y.  
 Weeks, J. S., & Sons, turpentine, Sagano, Fla.  
 Weeks, Jas. H., lbr., Belmont, M. H.  
 Weeks, Louis S., architect, 101 Park av., New York.  
 Weeks Mfg. Co., lantern slides, 181 Tremont, Boston, Mass.  
 Weeks-Numan Co., inkstands, 81 Fulton, New York.  
 Weeks, O. B., architect, Carson, Iowa.  
 Weeks & O'Day, architects, Mutual Bk. Bldg., San Fran., Cal.  
 Weeks, P. L., & Co., turpentine, Enville, Fla.  
 Weeks, R. E., Co., plumbers' & steam fitters' supplies (jobbers), whol. hdwe., Scranton, Pa.  
 Weeks Scale Wks., Mt. Jewett, Pa.  
 Weeks, Theo., sash, door & blind, Kingston, N. Y.  
 Weeks & Voss, contractors, 317½ S. 12th, Omaha, Neb.  
 Weeks, Wm. C., architect, Sheboygan, Wis.  
 Weeks, Wm. H., architect, 75 Post, San Francisco, Cal.  
 Weemhoff, Harvey H., architect, Murray Bldg., Grand Rapids, Mich.  
 Weems, A. W., bedstead mfrs., 331 N. Howard, Baltimore, Md.  
 Wees, J. L., architect, Commercial Bldg., St. Louis, Mo.  
 Wege, E., Concrete Machy. Co., La Crosse, Wis.  
 Wege Marble & Tile Co., Central Nat'l Bldg. Bldg., Columbus, O.  
 Wegenaar, John L., Co., granite prod., 299 B'way, New York.  
 Wegman, Wm. J., Co., mattresses, Rochester, N. Y.  
 Wegner Bros., heating contr., 136 Sycamore, Milwaukee, Wis.  
 Wegner, J. F., & Co., wholesale hardware, Fond du Lac, Wis.  
 Wegner Mach. Co., Buffalo, N. Y.  
 Wegner Mach. Wks., 63 Mills, Long Island City, New York.  
 Wehking, Chas., contractor, 218 Unity, Indianapolis, Ind.  
 Wehmeyer, Harry H., contractor, 1004 Lehigh av., Phila., Pa.  
 Wehner, Jos., contractor, 119 Zeigler, Dayton, Ohio.  
 Wehr, J. P., & Co., contractors, Sandusky, Ohio.  
 Wehr Steel Co., 45th & Gordon av., Milwaukee, Wis.  
 Wehrle Bros., machsts., Newark, Ohio.  
 Wehrle Co., stove mfrs., Newark, Ohio.  
 Wehrlin, Edw., architect, 309 B'way, New York.  
 Wehrman, Wm., cornices & skylights, St. Joseph, Mo.  
 Weibel, G., Roofing & Cornice Wks., Seattle, Wash.  
 Weiblen, A., Marble & Granite Co., City Park av & St. Louis, New Orleans, La.  
 Weibley, Wm. F., architect, Burlington, Ia.  
 Weicht, Adolph, & Sons, buttons, 730 R., Sun., Phila., Pa.  
 Weicht, H. B., coffins, etc., Angola, Ind.  
 Weick, Martin, Co., trunk mfrs., 1854 N. Kareov, Chicago, Ill.  
 Weider, John A., horse collars, Rochester, N. Y.  
 Weidig Foundry Co., stove mfrs., Zanesville, Ohio.  
 Weidlich Bros. Mfg. Co., machsts., Bridgeport, Conn.  
 Weidlich Sterling Spoon Co., table silverware, Bridgeport, Conn.  
 Weidman, Augustus, fertilizer mfr., Hagerstown, Ind.  
 Weidman Bros., architects, Marysville, Ohio.  
 Weidman-Fisher Co., cigar boxes, Tampa, Fla.  
 Weidman, John H., contractor, Union Bldg., Syracuse, N. Y.  
 Weidman & Son, Co., lbr., Trout Creek, Mich.  
 Weidner, C. A., Co., machsts., Rochester, N. Y.  
 Weier Bros., scrap iron, Sandusky, Ohio.  
 Weigel, A., & Son, mattresses, 320 B'way, Milwaukee, Wis.  
 Weigel, John, Co., cornices, 664 E. McMillan, Cincinnati, Ohio.  
 Weigel, Phillip, Jr., mill & facty. supplies—whol. hdwe., New Brunswick, N. J.  
 Weigel Riveted Steel Pipe Wks., Denver, Colo.  
 Weigel, S. J., architect, Central Bk. Bldg., Memphis, Tenn.  
 Weigelt Glass & Mirror Co., 617 S. 6th, St. Louis, Mo.  
 Weigle, Wm. A., Steel Pipe Wks., steel tanks, Denver, Colo.  
 Weihe, W. O., masons' & bldrs.' matls., Nashville, Ill.  
 Weiher, Lorenz F. J., architect, 271 W. 125th, New York.  
 Weil Bros., plumbers' supplies—jobbers, 651 W. Lake, Chicago, Ill.  
 Weil, Emile, architect, Whitney-Central Bldg., New Orleans, La.  
 Weil-Gutmann Supply Co., mill & facty. supplies, 214 S. Peters, New Orleans, La.  
 Well, J. H., & Co., architects' & engurs.' instruments & supplies, 1300 Arch. Phila., Pa.  
 Well Packing Co., meat packers, Little Rock, Ark.  
 Weiland, Chas., whol. hdwe., 149 Chambers, New York.  
 Weiland, Edw. A., concrete steel construction, Clark & Independence, Cleveland, Ohio.  
 Weiller Mfg. Co., chemicals, New Brunswick, N. J.  
 Weilman Co., machsts. & fndrs., Medford, Mass.  
 Weill's, Morris, Sons, scrap iron & steel, etc., 837 N. 3d, Phila., Pa.  
 Weiman, C. J., & Co., machsts., Dayton, Ohio.  
 Weimar Bros., tapes, braids & cords, 2046 Amber, Phila., Pa.  
 Weimber, Abe, brooders & incubators, Ligonier, Ind.  
 Weimer, C. A., ventilator mfrs., Lorain, Ohio.  
 Weimer Chain & Iron Co., Lebanon, Pa.  
 Weimer Mach. Wks. Co., Lebanon, Pa.  
 Weinberg, C., & Co., silk fringes, 27 W. 23d, New York.  
 Weinberg, J. H., & Co., lubrg. oils & greases, 128 Maiden la., New York.  
 Weinberg & Lewis, architects, 540 Hastings, Detroit, Mich.  
 Weingarten & Geberer, traveling bags, 90 Grand, New York.  
 Weingartner's, Jos., Sons, lumber, Newport, Ky.  
 Weinhausen, H., thermometers, syringes, etc., 159 Leonard, New York.  
 Weinman, C. J., Co., special machy.; machine tools, etc., 310 E. 2d, Dayton, Ohio.  
 Weinman, L. B., architect, 711 Main, Fort Worth, Tex.  
 Weinman Pump Mfg. Co., 300 Spruce, Columbus, Ohio.  
 Weinmann, C. F., cornices & skylights, Atchison, Kans.  
 Weinrichter, R. M., architect, Cutler Bldg., Rochester, N. Y.  
 Weinschenk, Arthur A., architect, 314 Adams av., Scranton, Pa.  
 Weinstein, Jacob, architect, 6 Church, New Haven, Conn.  
 Weinstein, Sam'l, sash, door & blind mfrs., 100 Richardson, B'klyn, N. Y.  
 Weinstock & Cohn, cornices, 170 E. 32d, New York.  
 Weintraub, Jos., trunk mfrs., 1037 S. 4th, Philadelphia, Pa.  
 Weinz Trimming Co., silk tassels, 68 Chauncy, Boston, Mass.  
 Weir Canning Co., Toledo, Ia.  
 Weir, Collins B., architect, Morristown, N. J.  
 Weir & Craig Mfg. Co., mill, facty. & plumbers' supplies—jobbers, 2421 Wallace, Chicago, Ill.  
 Weir Frog Co., Norwood, Cincinnati, Ohio.  
 Weir, R. W., Lumber Co., Houston, Tex.  
 Weir Stove Co., Taunton, Mass.  
 Weirick, T. H., Fixture Co., Omaha, Neb.  
 Weis, F. W., cornices & skylights, Lexington, Mo.  
 Weis, Hy., Cornice Co., 4124 E. 12th, Kansas City, Mo.  
 Weis & Jennett Marble Co., 3011 Missouri, St. Louis, Mo.  
 Weis & Lesh Mfg. Co., wagon spokes, wood skewers, Muncie, Ind., & Delhi, La.  
 Weis Mfg. Co., filing cabinets & devices & book cases, Monroe, Mich.  
 Weis Paper Mill Co., Quincy, Ill.  
 Weis-Peterson Box Co., lumber, Cairo, Ill.  
 Weis, S. H., architect, Schofield Bldg., Cleveland, O.  
 Weis & Schmidt Pottery Co., 3102 Cherry, Milwaukee, Wis.  
 Weisbard, C. C., sashes, doors & blinds, Cedar Falls, Ia.  
 Weisbecker, Chas., meat packer, 268 W. 125th, New York.  
 Weisbecker, Francis A., & Sons, polish'g mach'y, 22 Frost, B'klyn, N. Y.  
 Weisberg, Baer, Co., sash, door & blind mfrs., Blvd, Long Island City, N. Y.  
 Weiscopf, L., Co., bottlers' machy. & supplies, 30 Church, New York.  
 Weise, "Nborn" Ralph, architect, 645 N. Howard, Akron, O.  
 Weisel, Harvey H., machsts., Milford Square, Pa.  
 Weisel, Milton T., carriages, Perkasee, Pa.  
 Weisenborn Elec. Co., storage batteries, Dayton, O.  
 Weiser, Arthur, architect, 271 W. 125th, New York.  
 Weiser Fdry. & Machy. Co., Weiser, Idaho.  
 Weiser, H. M., flour, Hamilton, Tex.  
 Weisfeld Bros., sash, door & blind mfrs., 7 McKibbin, B'klyn, N. Y.  
 Weisgerber & Ebeling Machine Co., Wheeling, W. Va.  
 Weisglass, S., bedstead mfrs., 119 West, B'klyn, N. Y.  
 Weihaupt Iron Wks., 1232 S. Western av., Chicago, Ill.  
 Weiskittel, A., & Son Co., stoves, 12th & E. Lombard, Baltimore, Md.  
 Weiskopf, Abraham, thermometers, pyrometers, 16 S. Clinton, Chicago, Ill.  
 Weismann, L. M., & Son, architects, Pacific Bldg., San Francisco, Cal.  
 Weiss, Albert A., & Co., thermometers & hydrometers, 572 Gates av, B'klyn, N. Y.



- Weiss, Chas. & Son, carriage fasteners, 4715 Cottage Grove av, Chicago, Ill.
- Weiss & Co., who. hdwe., Freeport, Ill.
- Weiss & Fritts, carriages, Frenchtown, N. J.
- Weiss, H., & Co., sheet metal wkrs., machy. & supplies, 20 Cliff, New York.
- Weiss, J., sweaters, 48 Mangin, New York.
- Weiss & Klau Co., window shade mfrs., 462 B'way, New York.
- Weiss, L. T., razor guards, 291 Taaffe pl, Brooklyn, N. Y.
- Weiss, Leon C., architect, Maison Blanche Bldg., New Orleans, La.
- Weiss, Otto, Milling Co., alfalfa meal, Wichita, Kansas.
- Weiss Polish Wks., carriage dressing, 216 S. Winchester av, Chicago, Ill.
- Weissberg, Chas., Plumbing Supply Co., 158 Stanton, New York.
- Weissenberger, Geo. K., cornices, 4011 Sp. Grove av, Cum., Cincinnati, Ohio.
- Weissenberger, W., Jr., architect, 32 Union sq., New York.
- Weissinger, Geo., & Bro., meat packers, Pottsville, Pa.
- Weitzel Lbr. Co., Sedgeley & Gtn. avs, Phila., Pa.
- Weitzel, M. B., second hand bags, Lititz, Pa.
- Weitzenfeld, J. J., architect, Easton, Pa.
- Weitzenfeld, Jacob, architect, 528 N. 4th, Phila., Pa.
- Welch, A. P., Co., turkish towels, Glen Riddle, Pa.
- Welch, Alex. McM., architect, 11 E. 42d, New York.
- Welch-Bright Co., fire brick, Monaca, Pa.
- Welch Bros. Apple Co., canned goods, Burlington, Vt.
- Welch Construction Co., Joliet, Ill.
- Welch, E. B., Co., mattresses, El Paso, Tex.
- Welch, E. J., & Co., brass fndrs., Fitchburg, Mass.
- Welch, E. J., Fdry. Co., 24th & Wallace, Chicago, Ill.
- Welch Fertilizer Co., Columbus, Ohio.
- Welch, Holme & Clark Co., oils, potash, etc., 383 West, New York.
- Welch, J. H., & Sons, cornices, Ft. Wayne, Ind.
- Welch, Jas. J., contractor, Salem, Mass.
- Welch, John, & Sons, bldg. contrs., Somerville, Mass.
- Welch Mfg. Co., clothing cabinets, Grand Rapids, Mich.
- Welch, Mary E., & Co., canned goods, Thaxton, Va.
- Welch, P., & Co., contractors, Spokane, Wash.
- Welch, S. J., architect, Pensacola, Fla.
- Welch Stove & Heating Co., cooerage stack, Monterey, Tenn.
- Welch & Suthergreen Co., trunks, Fitchburg, Mass.
- Welch, T. F., Co., gears, nuts, screws, etc., 55 Sudbury, Boston, Mass.
- Welch, U. S., flour, Terra Alta, W. Va.
- Welch Wholesale Hardware Co., Clinton, Okla.
- Welchans, A. C., mchsts. & fdrs., Lancaster, Pa.
- Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
- Weld, Geo. A., Co., heaters, regulators, etc., 79 Milk, Boston, Mass.
- Weldarine Mfg. Co., compounds, Topeka, Kans.
- Welded Steel Barrel Corp., barrels, tanks, etc., Hart av & Charlevoix, Detroit, Mich.
- Weldex Co., stock fountains, Richmond, Ind.
- Weldex Mfg. Co., hog oilers, Richmond, Ind.
- Weldless Chain Co., hame fasteners, Bridgeport, Conn.
- Weldner, Jacob K., machsts., Salfordville, Pa.
- Weldon Brick & Land Improvement Co., Weldon, N. C.
- Weldon, C. J., carriages, Rockford, Ill.
- Weldon Contr. Co., Rahway, N. J.
- Weldon, Geo., contractor, Mount Vernon, N. Y.
- Weldon, S. A., & Son, mill & facty. supplies, Bristol, Conn.
- Welin Marine Equipment Co., boats, etc., 305 Vernon av, Long Island City, N. Y.
- Welitoff, N., architect, 222 Washington, Newark, N. J.
- Welker, L. G., architect, The Spitzer, Toledo, O.
- Welker Supply Co., plumbers' supplies (jobbers), 6504 Carnegie av. S. E., Cleveland, O.
- Welks Hardware Co., Scranton, Pa.
- Well, N., & Sons, gin distillers, Paducah, Ky.
- Welland Co., carriages, 2414 Gilbert av, Cincinnati, Ohio.
- Wellen M., & Son, trunk mfrs., 83 Wooster, New York.
- Weller Bro., machsts. & fndrs., Charlestown, W. Va.
- Weller & Co., scrap iron & steel, Birmingham, Ala.
- Weller Engng. Co., machsts., Elyria, Ohio.
- Weller, H. P., Supply Co., mill & facty. supplies, 1302 Peach, Erie, Pa.
- Weller Hdwe. & Fdry. Co., Horseheads, N. Y.
- Weller, J. A., & Sons, steam fitters' supplies, Emlenton, Pa.
- Weller, J., Co., canned goods, Oak Harbor, Ohio.
- Weller, John W., lumber, East Fultonham, Ohio.
- Weller, M. D., archl. iron, Pottstown, Pa.
- Weller Mfg. Co., mill & facty. supplies, 1856 N. Kostner av, Chicago, Ill.
- Weller, Michael A., contractor, 816 14th, N. W., Washington, D. C.
- Weller Pattern Co., Quincy, Ill.
- Weller, S. A., crockery, Zanesville, Ohio.
- Weller, W. A., contractor, Olympia, Wash.
- Weller's, Hiram, Sons Co., motor boat bldrs., Trenton, N. J.
- Welles, Fred A., wing dividers & calipers, Waukesha, Wis.
- Welles, M. H., & G. H. Lbr. Co., Wyalusing, Pa.
- Wellhener, Wm., Htg. & Sheet Metal Co., cornices, Springfield, Mo.
- Wellington, A. H., machsts. & fndrs., Niles, Mich.
- Wellington Brick Co., Millers Feild, Richmond, Va.
- Wellington & Co., steam htg. contrs., 167 Stratford av, Bridgeport, Conn.
- Wellington Glass Co., Cumberland, Md.
- Wellington Mach. Co., brick mould sanding machines, Wellington, Ohio.
- Wellington Milling Co., mill feed, Anderson, Ind.
- Wellington Milling & Elevator Co., Wellington, Kan.
- Wellington Piano Case Co., Leominster, Mass.
- Wellington, Sears & Co., cotton duck, 93 Franklin, Boston, Mass.
- Welliver, W. W., masons' & bldrs.' matls., whol. hdwe., Danville, Pa.
- Wellman Bronze Co., castings, 6017 Superior av, Cleveland, O.
- Wellman Co., boring bars & tools & sole cutting machy., Medford, Mass.
- Wellman Pattern Supply Co., Cleveland, Ohio.
- Wellman-Seaver-Moyan Co., coal & ore handling machinery, etc., E. 70th & Central av, Cleveland, Ohio.
- Wellman, Walter, contractor, Schenectady, N. Y.
- Welllock, Robinson, sash, door & blind, Harbor Beach, Mich.
- Wells-Abbott-Nieman Co., flour, Schuyler, Neb.
- Wells Arch'l. Iron Co., River av & 151st, New York.
- Wells, Arthur T., cornices, Muncie, Ind.
- Wells Bros. & Clay, brick, Glendon, Iowa.
- Wells Bros. Co., see Greenfield Top & Die Corporation, Greenfield, Mass.
- Wells Bros. Co., contractors, 53 W. Jackson blvd, Chicago, Ill., 907 5th av, New York, & Riggs Bldg., Washington, D. C.
- Wells Bros. Co. of N. Y., contractors, Rigley Apts., Birmingham, Ala., & 185 Devonshire, Boston, Mass.
- Wells, Carson F., architect, Brigham, Utah.
- Wells, Chas. M., architect, Rutledge, Pa.
- Wells Chemical Bronze Wks., Worcester, Mass.
- Wells, Dalton R., architect, Ford Bldg., Detroit, Mich.
- Wells & Dana, architects, 29 Central, Boston, Mass.
- Wells, E. D., & Co., mill & facty. supplies, Holyoke, Mass.
- Wells, F. C., machsts., 101 S. Clinton, Chicago, Ill.
- Wells, F. E., & Son Co., see Greenfield Top & Die Corporation, Greenfield, Mass.
- Wells Flour Milling Co., Wells, Minn.
- Wells, Frank L., Co., spring bed machy, Kenosha, Wis.
- Wells, G. A., contractor, 187 Providence, Worcester, Mass.
- Wells, Geo., mach. & fdr., Sedalia, Mo.
- Wells, Geo. H., architect, 10 E. 43d, New York, & Elmhurst, N. Y.
- Wells, Harry M., boilers, Alexandria, Ind.
- Wells-Higham Co., berry boxes, St. Joseph, Mich.
- Wells, J. Hollis, architect, 32 Nassau, New York.
- Wells, J. W., Brick Co., Chattanooga, Tenn.
- Wells, Jas. H., contractor, Heed Bldg., Philadelphia, Pa.
- Wells, Jas. M., Co., mortar color mfrs., Ogdensburg, N. Y.
- Wells, John C., bench shears, Milwaukee, Wis.
- Wells, John W., Lumber Co., Menominee, Mich.
- Wells-Lamson Quarry Co., stone producers, Barre, Vt.
- Wells, M. J., stone, Ft. Worth, Tex.
- Wells, M. L., architect, Wellsburg, W. Va.
- Wells & Newton Co., htg. contrs., 292 Av. B, New York.
- Wells, R. A., Lbr. Co., 234 S. La Salle, Chicago, Ill.
- Wells, R. C., Mfg. Co., electric lighting systems, Fond du Lac, Wis.
- Wells, R. H., architect, Kerckhoff Bldg., Los Angeles, Cal.
- Wells & Stump, cornices & skylights, Oskaloosa, Iowa.
- Wells, W. A., architect, Hyde Bldg., Spokane, Wash.
- Wells, Wm. L., contractor, Atlantic Highlands, N. J.
- Wells, Windney, Pierson Co., landscape archs., Springfield, Mass.
- Wellston Galv. Iron & Cornice Wks., 6222 Easton av, St. Louis, Mo.
- Wellston Iron Furnace Co., Jackson, Ohio.
- Wellsville Burial Case Co., coffins, caskets, etc., Wellsville, N. Y.
- Wellsville China Co., Wellsville, Ohio.
- Wellsville Mfg. Co., fly nets, Wellsville, Pa.
- Welsbach Co., mantles, Gloucester City, N. J.
- Welsbach Gas Lamp Co., 1008 Filbert, Philadelphia, Pa.
- Welsbach Street Lighting Co., 1934 Market, Phila., Pa.
- Welsh & Carey, architects, Merchants Nat'l. Bk. Bldg., San Francisco, Cal.
- Welsh, Geo., architect, Coal Exch. Bldg., Wilkes Barre, Pa.
- Welsh & Grey, Lbr. Corp., Albany, N. Y.
- Welsh & Kerry Co., lumber, masons' & bldrs.' matls., Reed City, Mich.
- Welsh Mach. Wks., 276 West, New York.
- Welsh, P. M., masons' & bldrs.' matls., New Brunswick, N. J.
- Welsh, Thos. M., contractor, 758 S. Broad, Philadelphia, Pa.
- Welsh, Wm., water filters, 2733 Arbor av, Hyde Pk., Cincinnati, Ohio.
- Welshous & Symon, machinists, 3648 18th, San Francisco, Cal.
- Welt & Perry, harness mfrs., Flint, Mich.
- Welte, M., & Sons, musical instruments, 667 5th av, New York.
- Welton, H. A., mill & facty. supplies, Thomaston, Conn.
- Welton, Wm. Leslie, architect, Am. Trust & Savings Bk. Bldg., Birmingham, Ala.
- Welty, Wm. A., adding mach. stands & fountain pen mfrs., Waterloo, Ia.
- Weltz, Chas., Sons, contractors, Des Moines, Ia.
- Weltzen, N. H., contractor, 3421 Minnehaha av, Minneapolis, Minn.
- Wemlinger Co., machy. dlrs., South Ferry Bldg., New York.



- Wemple Jay C., window shade mfrs., 35 E. 20th, New York.  
 Wenatchee Lumber Co., Wenatchee, Wash.  
 Wenatchee Milling Co., flour, Wenatchee, Wash.  
 Wendell & Co., silver nov., 337 W. Madison, Chicago, Ill.  
 Wendell, Fay, & Co., employees' uniforms, 229 4th av, New York.  
 Wendell & MacDuffie, elec. ry. supplies, 61 B'way, New York.  
 Wendell & Robertson, architects, Augusta, Ga.  
 Wenderoth, J., & Sons, fertilizer mfrs., Camden, N. J.  
 Wendland, C. F., Eng. & Constr. Co., 63 Wooster, New York.  
 Wendling, A. F., Co., contractors, Massillon, Ohio.  
 Wendling, Jos., Art Glass Co., 207 S. B'way, St. Louis, Mo.  
 Wendling, Nathan, Co., lumber, Crocker Bldg., San Fran., Cal.  
 Wendnagel & Co., tanks, 600 W. 22d, Chicago, Ill.  
 Wendt, Albert H., bolts, chains, etc., 456 E. 2d, Cincinnati, O.  
 Wendt & Rausch Co., pads & tablets, Toledo, Ohio.  
 Wendtland, Wm., machst., 51 Mercer, New York.  
 Weng, L. E., & Son, lumber, Daggett, Mich.  
 Wenger, Geo., Machy. & Supplies Mfg. Co., St. Louis, Mo.  
 Wengert Hardware Co., 1221 Grand av, Kansas City, Mo.  
 Wenig, Julius, architect, 721 10th, N. W., Washington, D. C.  
 Weniger, H., surgical instruments, 143 Valencia, San Fran., Cal.  
 Wenk, Theo., seals, 75 Fulton, New York.  
 Wennemer Constr. Co., 103 Park av, New York.  
 Wenner, F. L., stone producers, 1335 W. 116th, Cleveland, Ohio.  
 Wenning, Jno., machst., 225 E. 106th, New York.  
 Wennonah Cotton Mills, Lexington, N. C.  
 Wenstrom's, John, Sons, machsts., 623 Bergen, Brooklyn, N. Y.  
 Wennstrom's, John, Sons Co., dies, drills, gauges, tools, etc., Suffern, N. Y.  
 Went, C. H., machst., Findlay, Ohio.  
 Wente Elec. Co., Hamilton, Ohio.  
 Wentworth Body Co., Boston, Mass.  
 Wentworth, Fred W., architect, 140 Market, Paterson, N. J.  
 Wentworth Institute, engng. schools & coll., Boston, Mass.  
 Wentworth, J., & G. K., lbr. mfrs., Bay City, Mich.  
 Wentworth, Lew, lumber, Omaha, Neb.  
 Wentworth, Walter A., Co., contractors, 15 Exchange, Boston, Mass.  
 Wentz, O. W., machsts. & fndrs., Warsaw, Ind.  
 Wenzel, B., Tent & Duck Co., 1036 Paul, St. Louis, Mo.  
 Wenzel, W. K., architect, 76 Montgomery, Jersey City, N. J.  
 Wenzell, S. S., Machine Co., bottle working machy., 50th & Parkside av, Phila., Pa.  
 Wenzelman, G., presses, baling, Galesburg, Ill.  
 Wenzelman, Gustave, pianos, Galesburg, Ill.  
 Wenzelman Mfg. Co., machsts. & fndrs., Galesburg, Ill.  
 Wenzle, F. M., Sheet Metal Co., cornices, Joplin, Mo.  
 Weot Lime & Stone Co., Tiffin, Ohio.  
 Werby, A., & Co., scrap iron, 287 Atlantic av, Boston, Mass.  
 Wergner, Wash'n T., bldg. contr., 427 32d, Milwaukee, Wis.  
 Werk, M., Co., soap, Murray rd St. B., Cincinnati, Ohio.  
 Werk, Robert, & Co., clothes-press, New Orleans, La.  
 Werkhoff, Abner E., htg. contr., Lafayette, Ind.  
 Werking, John E., lbr., Hagerstown, Ind.  
 Werling, Albert, common brick, Preble, Ind.  
 Werner & Adkins, architects, Mer. Library Bldg., Cincinnati, O.  
 Werner, Carl, architect, Phelan Bldg., San Francisco, Cal.  
 Werner, Chas., architect, 316 Flatbush av, Brooklyn, N. Y.  
 Werner, Geo. P., cornices & skylights, Galveston, Tex.  
 Werner, Geo., & Sons, auto metal bodies, Buffalo, N. Y.  
 Werner, John, & Sons, confectioners' machy., Rochester, N. Y.  
 Werner, Louis, Saw Mill Co., lbr. mfrs., Fullerton Bldg., St. Louis, Mo.  
 Werner, Louis, Stave Co., Shreveport, La.  
 Werner & Pfeiderer Co., machy mfrs., Saginaw, Mich.  
*See adv. index at end of book.*  
 Werner Piano Co., 1325 Milwaukee av, Chicago, Ill.  
 Werner, Rudolph, architect, 38 S. Ruby, Phila., Pa.  
 Werner-Service Mfg. Co., pumps, 263 Fairmount av, Jersey City, N. J.  
 Werner, Washington T., contractor, 427 32d, Milwaukee, Wis.  
 Werner & Windolph, architects, 27 W. 33d, New York.  
 Werra Aluminum Foundry Co., aluminum castings, Waukesha, Wis.  
 Wert, C. C., cement block machy., Kendallville, Ind.  
 Wertenbach, John H., contractor, McKeesport, Pa.  
 Werthan Bag Co., Nashville, Tenn.  
 Wertheimer Bros., sweaters, etc., 159 Greene, New York.  
 Werther, J. E., architect, 371 Lockwood, Brooklyn, N. Y.  
 Wertzley, Walter, Sons, sash, door & blind, Pottsville, Pa.  
 Wertsch, Wm., Co., carriages, 24 Page, San Francisco, Cal.  
 Wertz, Geo. W., flour mills, Wernersville, Pa.  
 Wesch & Berry, contractors, Billings, Mont.  
 Wesche, B. A., Electric Co., electric motors, 327 W. 6th, Cincinnati, Ohio.  
 Wesche, John A., contractor, 163 W. Washington, Chicago, Ill.  
 Wesco Supply Co., mine & ry. supplies (elec.), 7th & Clark, St. Louis, Mo.  
 Wescott, A. A., & Sons, spindles & flyer mfrs., Hopedale, Mass.  
 Wesel, F., Mfg. Co., machsts., 70 Cranberry, Brooklyn, N. Y.  
 Wesel, Geo. F., contractor, Milwaukee & Orion, Pittsburgh, Pa.  
 Weser Bros., pianos, 524 W. 43d, New York.  
 Wesle Bros., carriages, Medford, Wis.  
 Wesley Mfg. Co., check perforators, 31 Beekman, New York.  
 Wesley, T. C., & Paul, contractors, Atlanta, Ga.  
 Wesner-Rast Mfg. Co., mattresses, Cameron, S. C.  
 Wessbecker & Hillebrand, architects, 19 S. B'way, St. Louis, Mo.  
 Wessel, Duval & Co., nitrate of soda, 25 Broad, New York.  
 Wessel, H., brick, Batesville, Ind.  
 Wessel, Herman, Mfg. Co., mattresses, 616 Main, Cincinnati, O.  
 Wessel, Richard F., architect, Pittock Bldg., Portland, Ore.  
 Wessells, W. F., mill & facty. supplies, Peekskill, N. Y.  
 Wessels, D. D., artificial laundry tubs, 1300 12th, Detroit, Mich.  
 Wessendorf, Chas., Co., cornices & skylights, Memphis, Tenn.  
 Wessling Bros. Endry. Co., Liberty & McLean avs, Cincinnati, O.  
 Wesson Cotton Oil & Fertz. Co., Wesson, Miss.  
 West, A. J., Lumber Co., Aberdeen, Wash.  
 West Allis Iron Wks., West Allis, Milwaukee, Wis.  
 West, Arthur F., contractors, Builders' Exchange, Baltimore, Md.  
 West Barnstable Brick Co., West Barnstable, Mass.  
 West Bay City Sugar Co., West Bay City, Mich.  
 West Bend Aluminum Co., West Bend, Wis.  
 West Bend Barn Equipment Co., cow watering bowls, cattle stanchions, West Bend, Wis.  
 West Bend Canning Co., West Bend, Wis.  
 West Bend Woolen Mills, woolen blankets, West Bend, Wis.  
 West Bergen Iron Fndry., 21 Pollock av, Jersey City, N. J.  
 West Boyleston Mfg. Co., tire fabrics, Easthampton, Mass.  
 West Branch Fire Brick Co., Renova, Pa.  
 West Branch Knitting Co., bathing suit mfrs., Milton, Pa.  
 West Branch Novelty Co., cedar chests, Milton, Pa.  
 West Bros., lumber, West Lake, Fla.  
 West Bros. Brick Co., Nat' Savings & Trust Bldg., Washington, D. C.  
 West, C., & Co., contractors, Oxford & Wakeling, Phila., Pa.  
 West, Chas. F., ice creepers, 3861 Lancaster av, Phila., Pa.  
 West Chester Engine Co., West Chester, Pa.  
 West Chicago Sash & Door Mfg. Co., West Chicago, Ill.  
 West Claughton, architect, 1416 Chapin, N. W., Washington, D. C.  
 West Coast Fertilizer Co., Tampa, Fla.  
 West Coast Heating Co., Seattle, Wash.  
 West Coast Iron Wks., mchsts. & fndrs., Seattle, Wash.  
 West Coast Kalsomine Co., paints, West Berkeley, Cal.  
 West Coast Ornamental Iron & Wire Wks. Inc., Seattle, Wash.  
 West Coast Packing Co., Blaine, Wash.  
 West Coast Shingle Co., lumber mfrs., Tacoma, Wash.  
 West Coast Soap Co., 26th & Poplar, Oakland, Cal.  
 West Coast Wagon Co., Tacoma, Wash.  
 West Coast Wire Iron Works, 861 Howard, San Francisco, Cal.  
 West & Co., bagging, Albany, Ga.  
 West Co., carriages, 4017 Liberty av, Pittsburgh, Pa.  
 West Co., plumbers' supplies, Salt Lake City, Utah.  
 West & Co., turpentine, Lebanon, Fla.  
 West Construction Co., contractors, American Bldg., Baltimore, Md., & Chamberlain Bldg., Chattanooga, Tenn.  
 West Cornelius, contractor, 941 E. 3d So., Salt Lake City, Utah.  
 West Disinfecting Co., 12 E. 42d, New York.  
 West, E. E., turpentine, Jacksonville, Fla.  
 West, E. G., masons' & bldrs.' matls., Gothenburg, Neb.  
 West Electric Hair Curler Co., Hancock & Columbia, Phila., Pa.  
 West End Cornice Co., 13 Lindall pl, Boston, Mass.  
 West End Cornice Wks., 5237 Delmar, St. Louis, Mo.  
 West End Heating & Engng. Co., 4641 Lancaster av, Phila., Pa.  
 West End Lbr. Co., Atlanta, Ga., Bridgeport, Conn., & Houston & San Antonio, Tex.  
 West End Mattress Co., 68 Pitts, Boston, Mass.  
 West End Paper Co., Carthage, N. Y.  
 West End Pottery Co., East Liverpool, O.  
 West End Sash Co., 51 Beverly, Boston, Mass.  
 West End Spring Bed Co., 66 Pitts, Boston, Mass.  
 West End Stone & Brick Co., 121 Wabash, Pittsburgh, Pa.  
 West End Thread Co., Millbury, Mass.  
 West End Woolen Mills Co., flannels, 64th & South, Phila., Pa.  
 West, F. M., Box Co., Springfield, Mass.  
 West Falmouth Mfg. Co., carriage wheels, etc., West Falmouth, Me.  
 West Fork Glass Co., window, Clarksburg, W. Va.  
 West Fork Mill Co., flour, West Fork, Ark.  
 West Gin & Mill Co., flour, West, Miss.  
 West, H. T., Co., turpentine, etc., 40 Central, Boston, Mass.  
 West Haven Mfg. Co., saws, screws, wrenches, etc., West Haven, Conn.  
 West Huntsville Cotton Mills Co., Huntsville, Ala.  
 West, J. A., architect, Fremont, Neb.  
 West, J. H., Lbr. Co., Warren, Pa.  
 West Jersey Marl. & Trans. Co., fertilizer mfrs., Woodbury, N. J.  
 West Jersey Paper Mfg. Co., Camden, N. J.  
 West, Jos., brick, Rockport, Mo.  
 West Lafayette Mfg. Co., hangers, West Lafayette, O.  
 West Latrobe Fdry. & Mach. Co., Latrobe, Pa.  
 West Leechburg Steel Co., iron rolling mills, Farmers Bank Bldg., Pittsburgh, Pa.  
 West Mfg. Co., paper fasteners, 48 N. 2d, Phila., Pa.  
 West Michigan Mach. & Tool Co. (Ltd.), Grand Rapids, Mich.  
 West Michigan Steel Fdry. Co., Muskegon, Mich.  
 West Monroe Mfg. Co. (Ltd.), lbr. mfrs., West Monroe, La.  
 West Overton Dist. Co., Scottsdale, Pa.  
 West Penn Lumber Co., Farmers Bank Bldg., Pittsburgh, Pa.  
 West Penn Powder Co., dynamite mfrs., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.  
 West Penn Steel Co., Brackenbridge, Pa.  
 West Phila. Art Glass Wks., 4219 Market, Phila., Pa.



- West Pittston Screen Wks., West Pittston, Pa.  
 West Point Home Mixture Guano Co., West Point, Ga.  
 West Point Investment Co., West Point, Ga.  
 West Point Iron Works, West Point, Ga.  
 West Point Mfg. Co., cotton duck & canvas, West Point, Ga.  
 West Point Mill Co., rice, Charleston, S. C.  
 West Pulverizing Mach. Co., 220 B'way, New York.  
 West & Reaves Lumber Mills, Iverness, Fla.  
 West River Packing Co., canned goods, Gallaways, Md.  
 West Roxbury Trap Rock Co., stone producers, W. R., Boston, Mass.  
 West St. Louis Glass Co., 21st & Pine, St. Louis, Mo.  
 West St. Louis Mach. & Tool Co., models & experimental wk., 606 S. Vandeventer av., St. Louis, Mo.  
 West Salem Canning Co., West Salem, Wis.  
 West Seattle Heating & Sheet Metal Wks., cornices & skylights, Seattle, Wash.  
 West Seneca Lumber Co., Lackawanna, N. Y.  
 West Side Arch'l Iron Wks., 1529 Cherry, Milwaukee, Wis.  
 West Side Cut Stone Co., 2422 W. Walton, Chicago, Ill.  
 West Side Fdry Co., Kansas City, Kans.  
 West Side Foundry Co., Troy, N. Y.  
 West Side Iron Wks., machsts., Grand Rapids, Mich.  
 West Side Lumber Co., Duerrard, Columbus & Dayton, Ohio.  
 West Side Lbr. Co., packing boxes, Manchester, N. H.  
 West Side Metal Refining Co., 1447 S. Sangamon, Chicago, Ill.  
 West Side Motor Co., machsts., Hamilton, Ohio.  
 West Side Structural Co., ornamental iron wks., Watervliet, Troy, N. Y.  
 West Steel Casting Co., 805 E. 70th, Cleveland, Ohio.  
 West Stockbridge Lime Co., West Stockbridge, Mass.  
 West Stockbridge Marble Wks., West Stockbridge, Mass.  
 West Street Carriage Co., Seattle, Wash.  
 West Tire Setter Co., tire setters, banding presses, etc., Rochester, N. Y.  
 West & Townsend, agricultural implements, Martinsville, Ohio.  
 West Va. Clay Prod. Co., brick, Louisville, Ky.  
 West Va. Fire Clay Mfg. Co., Diamond Bk. Bldg., Pittsburgh, Pa.  
 West Va. Foundry & Stove Co., Huntington, W. Va.  
 West Va. Lumber Co., Conestoga Bldg., Pittsburgh, Pa.  
 West Va. Malleable Iron Co., machsts & fndrs., Point Pleasant, W. Va.  
 West Va. Mine Supply Co., Clarksburg, W. Va.  
 West Va. Paving & Pressed brick Co., common, Huntington, W. Va.  
 West Va. Pulp & Paper Co., 200 5th av., New York.  
 West Va. Rail Co., mills, Huntington, W. Va.  
 West Va. Timber Co., lumber, Charleston, W. Va.  
 West, Wm. C., architect, Merchants Nat'l Bk. Bldg., Richmond, Va.  
 West, Wm. S., & Son, wood pumps, Chillicothe, Ohio.  
 Westall, W. H., & Co., masons' & bldrs.' matls., Asheville, N. C.  
 Westboro Lumber Co., Westboro, Wis.  
 Westboro Trunk & Bag Co., Westboro, Mass.  
 Westboro Weaving Co., Westboro, Mass.  
 Westbrook, Edw. S., & Son, masons' & bldrs.' matls., Port Jervis, N. Y.  
 Westbrook Elevator Co., machsts. & fndrs., Danville, Va.  
 Westbrook, John D., Inc., mill & facty. supplies, 409 E. Water, Norfolk, Va.  
 Westchester Engineering Co., White Plains, N. Y.  
 Westcott Chuck Co., drill & lathe chucks, Oneida, N. Y.  
 Westcott, H. F., mill & facty. supplies, Ellsworth, Me.  
 Westcott, J. D., & Son, broom handles, Richmond, W. Va.  
 Westcott-Jewell Co., advertising novelties, Seneca Falls, N. Y.  
 Westcott Motor Car Co., Richmond, Ind.  
 Westcott, N. B., masons' & bldrs.' matls., Blue Hill, Me.  
 Westcott, R. L., contractor, Chamberlain Bldg., Chattanooga, Tenn.  
 Wester, Miss C. J., architect, James Bldg., Chattanooga, Tenn.  
 Wester, S. J., Mfg. Co., sashes, doors & blinds, Boone, Iowa.  
 Westerberg & Williams, contractors, Woolworth Bldg., New York.  
 Westergren, M. F., cornices, doors, etc., 213 E. 144th, New York.  
 Westerlin & Campbell Co., machsts., 26 N. Clinton, Chicago, Ill.  
 Westerlind, C., architect, 111 W. Washington, Chicago, Ill.  
 Westerlund, J. V., contractor, 320 Market, San Francisco, Cal.  
 Westerlund, J. W., cornices, Rock Hill, S. C.  
 Westerly Concrete Co., Westerly, R. I.  
 Westerly Textile Co., mosquito netting, Westerly, R. I.  
 Westerman & Co., iron bar mills, Lockport, N. Y.  
 Westerman Iron Wks., machsts. & fndrs., Seattle, Wash.  
 Western Advtg. Co., Lincoln, Neb.  
 Western Aluminum Co., tubes, 180 N. Dearborn, Chicago, Ill.  
 Western Architect, trade publication, 215 S. Market, Chicago, Ill.  
 Western Archl. Iron Co., 211 W. Schiller, Chicago, Ill.  
 Western Art Glass Shade Wks., 105 Turk, San Francisco, Cal.  
 Western Art Leather Co., Denver, Colo.  
 Western Asbestos Magnesite Co., 25 S. Park, San Francisco, Cal.  
 Western Automatic Mach. Co., 34 E. Court, Cincinnati, Ohio.  
 Western Automatic Machine Screw Co., Elyria, Ohio.  
 Western Automatic Music Co., pianos, Houston, Texas.  
 Western Automobile Co., Seattle, Wash.  
 Western Bag & Burlap Co., 2449 Wallace, Chicago, Ill.  
 Western Block Co., tackle blocks, Lockport, N. Y.  
 Western Blow Pipe & Sheet Metal Co., exhaust & blow piping, St. Louis, Mo.  
 Western Blue Print Co., Gumbel Bldg., Kansas City, Mo.  
 Western Board & Paper Co., Kalamazoo, Mich.  
 Western Boiler Compound & Chemical Co., Gumbel Bldg., Kansas City, Mo.  
 Western Boiler & Steel Co., Los Angeles, Cal.  
 Western Bottle Mfg. Co., 402 W. Randolph, Chicago, Ill.  
 Western Box Co., wood nov., 326 River, Chicago, Ill.  
 Western Brass Mfg. Co., 217 Tehama, San Francisco, Cal.  
 Western Brass Mfg. Wks., brass & bronze castings, hdwe. mfrs., etc., Marshall blvd & W. 21st, Chicago, Ill.  
 Western Brass Works Co., Denver, Colo.  
 Western Brick Co., Danville, Ill.  
 Western Brick & Supply Co., Hastings, Nebr.  
 Western Builders' Supply Co., 155 New Montgomery, San Francisco, Cal.  
 Western Building & Engineering Co., Call Bldg., San Fran., Cal.  
 Western Cabinet & Fixture Mfg. Co., store & bar fix., Kansas City, Mo.  
 Western Carbonic Gas Co., Agnew, Cal.  
 Western Carriage Wks., Butte, Mont.  
 Western Casket Co., Oakland, Cal.  
 Western Casket Hardware Co., Elgin, Ill.  
 Western Chemical Mfg. Co., Denver, Colo.  
 Western Chemical Products Co., 115 E. South Water, Chicago, Ill.  
 Western Clay & Gypsum Products Co., Ancho, N. Mex.  
 Western Clay Mfg. Co., Helena, Mont.  
 Western Clock Co., La Salle, Ill.  
 Western Commercial Co., masons' & bldrs.' matls., Los Angeles, Cal.  
 Western Condensed Milk Co., Newburg, Ore.  
 Western Construction Co., Lafayette, Ind., & Bee Bldg., Omaha, Nebr.  
 Western Contractor, trade publication, 521 Locust, Kansas City, Mo.  
 Western Cooperage Co., kegs, tanks—wooden, Portland, Ore.  
 Western Cottage Piano & Organ Co., Ottawa, Ill.  
 Western Covered Button Co., 138 Wooster, New York.  
 Western Crucible Steel Casting Co., 2843 Grand, Minneapolis, Minn.  
 Western Development Co., magnesite, Pacific Bldg., San Francisco, Cal.  
 Western Display Co., 301 Chestnut, St. Paul, Minn.  
 Western Drop Forge Co., Marion, Ind.  
*See adv index at end of book.*  
 Western Dry Battery Co., Seattle, Wash.  
 Western Elaterite Roofing Co., Denver, Colo.  
 Western Electric Co., electrical specialties mfrs., 463 West, New York.  
 Western Electro Mechanical Co., arc lamp insulators, 465 2d, Oakland, Cal.  
 Western Engineering Co., cornices & skylights, Seattle, Wash.  
 Western Engng. Specialties Co., machinery dlrs., 523 Boston Bldg., Denver, Colo.  
 Western Equipment Co., contractors' tools & supplies, San Francisco, Cal.  
 Western Expanded Metal & Fireproofing Co., San Fran., Cal.  
 Western Federal Supply Co., powdered talc, Cleveland, Ohio.  
 Western Felt Works, wood felt, 4115 Ogden av., Chicago, Ill.  
 Western Fibre Reed Co., Chicago, Ill.  
 Western Fire Appliance Co., 323 Geary, San Francisco, Cal.  
 Western Fireworks Co., Denver, Colo.  
 Western Fixture Co., 737 W. 16th, Los Angeles, Cal., & 573 E. Water, Milwaukee, Wis.  
 Western Flint Glass Co., bottles, Eaton, Ind.  
 Western Forestry & Landscape Co., fertilizer mfrs., 512 Empire, Denver, Colo.  
 Western Foundry, 5th & Folsom, San Francisco, Cal.  
 Western Fdry. Co., 3634 S. Kedzie av., Chicago, Ill.  
 Western Fdry. & Mach. Co., Ogden, Utah.  
 Western Foundry & Machine Wks., Topeka, Kans., & Helena, Mont.  
 Western Fdry. & Sash Weight Co., 2d & Miller, St. Louis, Mo.  
 Western Fdry. & Stove Repair Wks., Salt Lake City, Utah.  
 Western Fuel Co., masons' & bldrs.' matls., 430 California, San Francisco, Cal.  
 Western Furniture Co., desk mfrs., Blair av & Palm, St. Louis, Mo.  
 Western Furniture & Mfg. Co., mattresses, Lincoln, Neb.  
 Western Gas Construction Co., Fort Wayne, Ind.  
 Western Gas Engine Co., Los Angeles, Cal.  
 Western Gas Engine Corp., Rialto Bldg., San Francisco, Cal.  
 Western Gas Fixture Co., Toledo, Ohio.  
 Western Glass Co., Streator, Ill. *See adv index at end of book.*  
 Western Glass & Paint Co., Lincoln, Neb.  
 Western Grain & Sugar Products Co., 110 Sutter, San Fran., Cal.  
 Western Grip & Trunk Co., 791 30th, Milwaukee, Wis.  
 Western Hammock Co., La Crosse, Wis.  
 Western Hardware Co., Leadville, Colo.  
 Western Hdwe. Mfg. Co., 859 N. Franklin, Chicago, Ill., & 858 3d, Milwaukee, Wis.  
 Western Hardware & Metal Co., 1201 Av S., Seattle, Wash.  
 Western Hardwood Lbr. Co., Los Angeles, Cal.  
 Western Heavy Hardware & Iron Co., Oakland, Cal.



- Western Implement Co., machsts. & fndrs., Port Washington, Wis.  
 Western Implement & Motor Co., machsts. & fndrs., Davenport, Iowa.  
 Western Improvement Co., sash, door & screen frames, etc., Minot, N. Dak.  
 Western Inspection Co., fire extinguishers, Buffalo, N. Y.  
 Western Instrument Co., 1001 Washington blvd, Chicago, Ill.  
 Western Insulation Co., light switchboards, 614 W. Adams, Chicago, Ill.  
 Western Iron Co., 1809 Belmont av, Chicago, Ill.  
 Western Iron Fdry. Co., 1320 Wazee, Denver, Colo.  
 Western Iron & Foundry Co., Wichita, Kans.  
 Western Iron Stores Co., mill & facty. supplies, 145 W. Water, Milwaukee, Wis.  
 Western Iron & Wire Wks., Omaha, Neb.  
 Western Iron Works, Butte, Mont., & 141 Beale, San Fran., Cal.  
 Western Iron Wks., fndrs., Manitowoc, Wis.  
 Western Kieley Steam Spec. Co., 116 W. Illinois, Chicago, Ill.  
 Western Knitting Mills, bathing suit mfrs., 215 4th av, New York.  
 Western Knitting Mills, knitted gloves, Rochester, Mich.  
 Western Knitting Mills, sweaters, cardigans, etc., 231 Maujer, Brooklyn, N. Y.  
 Western Knitting Mills, sweaters, etc., 1121 S. Halsted, Chicago, Ill.  
 Western Ldry. Machy. Co., 416 Mission, San Francisco, Cal.  
 Western Lime & Cement Co., Pabst Bldg., Milwaukee, Wis., & Postal Tele. Bldg., San Francisco, Cal.  
 Western Lime Wks., St. Genevieve, Mo.  
 Western Linen Co., towels & twine linen, Duluth, Minn.  
 Western Lbr. Co., Butte, Mont., & 8th nr Evans, Cincinnati, O.  
 Western Lumber & Pole Co., Denver, Colo.  
 Western Machine & Foundry Co., Santa Barbara, Cal.  
 Western Mach. Mfg. Co., 443 Rosabel, St. Paul, Minn.  
 Western Mach. Tool Wks., machsts., Holland, Mich.  
 Western Mach. Wks., Indianapolis, Ind.  
 Western Malleable Co., castings, Beaver Dam, Wis.  
 Western Mfg. Co., concrete mixers, troughs, etc., Oskaloosa, Ia.  
 Western Manufacturing Co., sashes, doors & blinds, Toledo, O.  
 Western Mattress & Bedding Co., Liberty & Baymiller, Cincinnati, Ohio.  
 Western May-Oatway Fire Alarms, Los Angeles, Cal.  
 Western Meat Co., 6th & Townsend, San Francisco, Cal.  
 Western Mechanical Wks., Los Angeles, Cal.  
 Western Merchandise & Supply Co., printing inks, 326 W. Madison, Chicago, Ill.  
 Western Metal Mfg. Co., culverts—road, El Paso, Tex.  
 Western Metal Supply Co., San Diego, Cal.  
 Western Mirror Plate Co., 824 Wade, Cincinnati, Ohio.  
 Western Mont. Flouring Co., Missoula, Mont.  
 Western Motor Draying Co., 1444 Church, San Francisco, Cal.  
 Western Motor Record, trade publication, Bancroft Bldg., San Francisco, Cal.  
 Western Oil Pump & Tank Co., 2437 Kosciusko, St. Louis, Mo.  
 Western Oiled Clothing Co., Kansas City, Mo.  
 Western Oxide & Spec. Co., 2117 S. Jefferson, Chicago, Ill.  
 Western Oxygen & Gas Products Co., 129 W. 2d, Los Angeles, Cal.  
 Western Packing Co., meats, Denver, Colo.  
 Western Packing & Provision Co., 3854 S. Morgan, Chicago, Ill.  
 Western Packing & Supply Co., 231 N. 5th av, Chicago, Ill.  
 Western Pattern & Mfg. Co., Moline, Ill.  
 Western Paving Co., Oklahoma, Okla.  
 Western Pipe & Steel Co., hydraulic cylinders, 444 Market, San Francisco, Cal.  
 Western Planing Mill Co., Wichita, Kans.  
 Western Plumbing Supply Co., 119 N. Desplaines, Chicago, Ill.  
 Western Pottery Co., 3107 S. Michigan av, St. Louis, Mo.  
 Western Pottery Mfg. Co., Denver, Colo.  
 Western Powder Mfg. Co., East Alton, Ill.  
 Western Radiator & Fender Mfg. Co., 1430 Bush, San Fran., Cal.  
 Western Ry. Equip. Co., Central Nat'l Bank Bldg., St. Louis, Mo.  
 Western Rawhide & Belting Co., 600 S. Pierce, Milwaukee, Wis.  
 Western Reduction Wks., fertilizer mfrs., 1501 Evans, San Francisco, Cal.  
 Western Reflector Co., shades, 1053 W. Lake, Chicago, Ill.  
 Western Reserve Furniture Co., music cabinets, Warren, O.  
 Western Reserve Lumber Co., Warren, O.  
 Western Reserve Rubber Co., rubber toys, South Akron, Ohio.  
 Western Reserve Steel Co., Warren, Ohio.  
 Western Reserve Varnish Co., 1251 Marquette, Cleveland, O.  
 Western Robe Mills, metal polish, 309 S. Morgan, Chicago, Ill.  
 Western Rock Island Plow Co., Omaha, Neb.  
 Western Rock Salt Co., Wright Bldg., St. Louis, Mo.  
 Western Roofing & Supply Co., paper, 3611 Loomis, Chicago, Ill.  
 Western Rubber Co., Goshen, Ind.  
 Western Sand Blast Mfg. Co., glass, signs, etc., 1027 W. Madison, Chicago, Ill.  
 Western Sash & Door Co., Kansas City, Mo.  
 Western Screen Co., 655 S. San Pedro, Los Angeles, Cal.  
 Western Screw Mfg. Co., machine screws, 4842 W. Kinzie, Chicago, Ill.  
 Western Screw Prod. Co., 3200 W. 9th, St. Louis, Mo.  
 Western Shade Cloth Co., 2100 S. Jefferson, Chicago, Ill.  
 Western Silo Co., Des Moines, Ia.  
 Western Soap Co., Spokane, Wash.  
 Western Sporting Goods Mfg. Co., 126 N. Union av, Chicago, Ill.  
 Western Stamp & Stencil Co., Omaha, Neb.  
 Western Star Mill Co., rye flour, Salina, Kans.  
 Western States Const. Co., Hearst Bldg., San Francisco, Cal.  
 Western States Cutlery & Mfg. Co., Boulder, Colo.  
 Western States Portland Cement Co., Independence, Kans.  
 Western Stay Wks., drawing dies, Muskegon, Mich.  
 Western Steel Car & Foundry Co., 142 S. Michigan av, Chicago, Ill.  
 Western Steel & Iron Works, iron archl. & ornamental, De Pere, Wis.  
 Western Steel Prod. Co., Finance Bldg., Kansas City, Mo.  
 Western Steel & Wire Co., machsts., Kansas City, Kans.  
 Western Stone Co., 133 W. Wash., Chicago, Ill.  
 Western Stopper Co., crown corks, 424 9th, San Francisco, Cal.  
 Western Sugar & Land Co., Grand Junction, Colo.  
 Western Sugar Refining Co., Davis & California, San Francisco, Cal.  
 Western Supply Co., mill & facty. supplies, 61 1st, Portland, Ore.  
 Western Supply Co., mill, facty. & plumbers' supplies, Lincoln, Neb., & Park sq, St. Paul, Minn.  
 Western Tablet Co., St. Joseph, Mo.  
 Western Telephone Mfg. Co., 2843 Warsaw av, Chicago, Ill.  
 Western Tent & Awning Co., Lincoln, Neb.  
 Western Terra Cotta Co., Kansas City, Mo.  
 Western Tie & Timber Co., Syndicate Trust Bldg., St. Louis, Mo.  
 Western Tin & Japan Mfg. Co., 1013 Walnut, Cincinnati, O.  
 Western Tool & Forge Co., Brackenridge, Pa.  
 Western Tool & Mfg. Co., tool hold., mand., etc., Springfield, O.  
 Western Type Fdry., 115 W. Harrison, Chicago, Ill.  
 Western Umbrella Co., Omaha, Neb.  
 Western Univ. of Pa., engng. school & coll., Allegheny, Pa.  
 Western Valve Co., steam fitters' supplies, 188 N. Market, Chicago, Ill.  
 Western Watch Case Mfg. Co., 31 N. State, Chicago, Ill.  
 Western Wheelbarrow Mfg. Co., machsts. & fndrs., Ft. Smith, Ark.  
 Western Wheeled Scraper Co., agrlt. implts., Aurora, Ill.  
 Western Wire Mattress Co., 16th & San Bruno av, San Francisco, Cal.  
 Western Wood Preserving Co., Spokane, Wash.  
 Westervelt, Geo. E., contractor, Tenafly, N. J.  
 Westervelt, J. C., architect, 36 W. 34th, New York.  
 Westervelt, J. S., contractor, Englewood, N. J.  
 Westervelt, J. W., & Co., machsts., 69 Gold, New York.  
 Westfahl, F., & Co., file & rasp mfrs., 467 31st, Milwaukee, Wis.  
 Westfall, W. J., architect, Colorado Bldg., Denver, Colo.  
 Westfield Mfg. Co., bicycle mfrs., Westfield, Mass.  
 Westfield Marble & Sandstone Co., Westfield, Mass.  
 Westfield Miller Co., flour, Westfield, N. C.  
 Westfield Plate Co., machsts. & fdrs., Thompsonville, Conn.  
 Westfield River Paper Co., paper & pulp mills, Russell, Mass.  
 Westheimer, F., & Sons, distillers, 209 E. Court, Cincinnati, O.  
 Westhoff, M. H., architect, Stearns Bldg., Springfield, Mass., & Saranac Lake, N. Y.  
 Westing, The G. H. Co., automobile accessories, jobbers, 335-7 N. Penna, Indianapolis, Ind.  
 Westinghouse Air Brake Co., machsts. & fndrs., Wilmerding, Pa.  
 Westinghouse Automatic Air & Steam Coupler Co., Security Bldg., St. Louis, Mo.  
 Westinghouse, Church & Kerr & Co., concrete steel const., 37 Wall, New York.  
 Westinghouse Co., agricultural implements & traction engines, Schenectady, N. Y.  
 Westinghouse Electric & Mfr. Co., electrical apparatus of every description, East Pittsburgh, Pa. *See adv index at end of book.*  
 Westinghouse Lamp Co., 165 B'way, New York.  
 Westinghouse Mach. Co., E. Pittsburgh, Pa.  
 Westinghouse Pacific Coast Brake Co., air compressors, Pacific Bldg., San Francisco, Cal.  
 Westinghouse Traction Brake Co., air brakes for electric cars, Pittsburgh, Pa.  
 Westlake Constr. Co., Mercantile Bldg., St. Louis, Mo.  
 Westlund, August, mill & facty. supplies, Marinette, Wis.  
 Westlund, C. G., Co., friction clutches, engine lathes — special machinery mfrs., 498 Millbury, Worcester, Mass.  
 Westmacott Gas Furnace Co., 159 Orange, Providence, R. I.  
 Westminster Fertilizer Co., Westminster, Md.  
 Westminster Metal & Ffdry. Co., Westminster, Md.  
 Westminster Oil & Fertz. Co., Westminster, S. C.  
 Westmoreland Automatic Mach. Co., shoe shining machs., Irwin, Pa.  
 Westmoreland Brick Co., 2nd Nat'l Bank Bldg., Pittsburgh, Pa.  
 Westmoreland Canning Co., Mount Holly, Va.  
 Westmoreland Chemical & Color Co., color mfrs. & imptrs., 925 Chestnut, Philadelphia, Pa.  
 Westmoreland Malleable Iron Co. (Ltd.), malleable iron castings, Westmoreland, N. Y.  
 Westmoreland Spec. Co., cut glassware, Grapeville, Pa.  
 Westmoreland, W. B., Co., mill & facty. supplies, Woodruff, S. C.  
 Weston, A., & Son, lumber mfrs., North Tonawanda, N. Y.  
 Weston Brick Wks., Weston, W. Va.  
 Weston & Brooker, pipe, Columbia, S. C.  
 Weston Buggy Co., carriages, Weston, W. Va.  
 Weston Bldg. Co., 126 W. 3d, Los Angeles, Cal.



- Weston Byron Co., paper & pulp mills, Dalton, Mass.  
 Weston Carbon Co., Warren, Pa.  
 Weston Electrical Instrument Co., Weston av, Newark, N. J.  
 Weston, Ephr. M., lbr., Bethel, Vt.  
 Weston, F. A., architect, Greensboro, N. C.  
 Weston, H., Lumber Co., Lagtown, Miss.  
 Weston, Harry J., architect, Little Rock, Ark.  
 Weston, L. A., mill & facty. supplies, Adams, Mass.  
 Weston, M., Co., masons' & bldrs.' matls., 120 Milk, Boston, Mass.  
 Weston Milling Co., flour, Weston, W. Va.  
 Weston-Mott Co., wheels & axles, Flint, Mich.  
 Weston Paper & Mfg. Co., Dayton, Ohio.  
 Weston, R. D., architect, 130 S. B'way, Los Angeles, Cal.  
 Weston Shepard & Davison, architects, 36 E. 23d, New York.  
 Weston, Thomas B., hardware mfrs., Baltimore, Md.  
 Weston, W. C., architect, Kresge Bldg., Detroit, Mich.  
 Westover, Albert E., architect, Keith's Theatre Bldg., Philadelphia, Pa.  
 Westover, John, Struct. Steel & Bridge Wks., fndrs., Lincoln, Neb.  
 Westphal, J. C., & Co., flour, Oakland, Cal.  
 Westphal, O. K., architect, Northwestern Bldg., Minneapolis, Minn.  
 Westport Lime & Cement Co., masons' & bldrs.' matls., 121 W. 8th, Kansas City, Mo.  
 Westport Lbr. Co., West Port, Ore.  
 Westport Mfg. Co., cordage & twine mfrs., Westport, Mass.  
 Westport Paper Co., binders' boards, Westport, Conn.  
 Westport Paving Brick Co., paving brick mfrs., Baltimore, Md.  
 Westport Stone Co., Westport, Ind.  
 Westrumite Co., asphalt dlrs. & imprts., Whiting, Ind.  
 West's, L. M., Sons, auto. & carriage tops & dressing, Rockford, Ill.  
 Westwater Supply Co., mill, facty. & plumbers' supplies, 150 N. 3d, Columbus, Ohio.  
 Westwick, John, & Son, machsts. & fndrs., Galena, Ill.  
 Westwood Turning Co., neck yokes, Fremont, Ohio.  
 Wetherbee, Geo. C., & Co., horse brushes, 49 Jefferson av, Detroit, Mich.  
 Wetherbee-Huggins Co., lumber, Waynesboro, Miss.  
 Wetherell Bros. Co., steel & steel wire, 31 Oliver, Boston, Mass.  
*See adv index at end of book*  
 Wetherell, Chester H., contractor, Olean, N. Y.  
 Wetherell & Gage, architects, Youngerman Bldg., Des Moines, Iowa.  
 Wetherell, Geo. H., architect, 9 Park, Boston, Mass.  
 Wetherell, O. B., & Son Co., mill & facty. supplies, Fall River, Mass.  
 Wetherhold, W. W., carriages, Reading, Pa.  
 Wetherhorn, L., & Son, sash, door & blind, Charleston, S. C.  
 Wetherill & Bro., lead, litharge, 126 S. 30th, Philadelphia, Pa.  
 Wetherill, Geo. D., & Co., paint mfrs., 114 N. Front, Phila., Pa.  
 Wetherill, Herbert J., architect, 328 Chestnut, Phila., Pa.  
 Wetherill, Robt., & Co., machsts. & fndrs., Chester, Pa.  
 Wetherill, S. P., pigments, Morris Bldg., Philadelphia, Pa.  
 Wetmore, J. A., architect, Treasury Bldg., Washington, D. C.  
 Wetmore, L. D., Co., lbr. mfrs., Warren, Pa.  
 Wetmore & Morse Granite Co., Montpelier, Vt.  
 Wetmore-Savage Co., insulators, 76 Pearl, Boston, Mass.  
 Wetmore, W. S., architect, Port Chester, N. Y.  
 Wettengel, Ed. A., architect, Appleton, Wis.  
 Wettengel, W., & Son, carriages, Omaha, Neb.  
 Wetter, H., Mfg. Co., steel ranges, Memphis, Tenn.  
 Wetter Numbering Mach. Co., 255 Classon av, Brooklyn, N. Y.  
 Wetterhold, Geo., mattresses, Wichita, Kans.  
 Wettstein, Charles, architect, 84 A. Buffalo, N. Y.  
 Wetzel, B. C., & Co., architects, Dime Bk. Bldg., Detroit, Mich.  
 Wetzel, E. S., cornices & skylights, Bremerton, Wash.  
 Wetzel, J. A., architect, Greeley, Colo.  
 Wetzel, John F., trunk mfr., Paterson, N. J.  
 Wetzel Mechanical Stoker Co., Trenton, N. J.  
 Wetzel, P. A., Co., filing cabinets & devices, Rockford, Ill.  
 Wetzell, John A., & Wm. H. Marsh, architects, City Bk. & Trust Bldg., Mobile, Ala.  
 Wexford Canning & Preserving Co., Wexford, Mich.  
 Wexler Knitting Mills, 29 N. 2d, Philadelphia, Pa.  
 Weyand, Hy., Co., conductor pipe, fireproof windows, etc., Waterbury, Conn.  
 Weybrecht's, J. T., Sons, sash, door & blind mfrs., Alliance, O.  
 Weyburn Co., plow coulters, Rockford, Ill.  
 Weydell, F. O., patterns & models, 224 S. Jefferson, Chicago, Ill.  
 Weydig-Henkman, pianos, 406 W. 14th, New York.  
 Weyerhaeuser & Co., lbr., Merchants' Nat. Bk. Bldg., St. Poul, Minn.  
 Weyerhaeuser & Denkmann Co., lumber, Rock Island, Ill.  
 Weyerhaeuser Lumber Co., Everett, Wash.  
 Weyland, Ernest, architect, 1068 27th, Milwaukee, Wis.  
 Weymer, A. F., Co., corn & whisk brooms, Syracuse, N. Y.  
 Weymouth Art Leather Co., East Weymouth, Mass.  
 Weymouth Constr. Co., Seattle, Wash.  
 Whale Creek Iron Works, 245 Huron, Brooklyn, N. Y.  
 Whalen & Burns, contractors, Ogdensburg, N. Y.  
 Whalen, Jas., contractor, Hoboken, N. J.  
 Whaley, J. A., & Co., paper & silk shades, etc., 154 W. 14th, New York.  
 Whaley, J. A., & Co., masons' & bldrs.' matls., 41 Smith, Providence, R. I.  
 Whaley, J. F., machy. dealer, Stuttgart, Ark.  
 Whaley, Richard S., architect, 103 Lewis, Montgomery, Ala.  
 Whaley, W. M., & Co., mill & facty. supplies, Norfolk, Va.  
 Whall, C. H., & Co., insulating joints, 170 Summer, Boston, Mass.  
 Whan, Alexander, contractor, Hoboken, N. J.  
 Whann, W. E., Co., fertilizer mfrs., Drexel Bldg., Phila., Pa.  
 Wharton & Co., masons' & bldrs.' matls., Yale, Mich.  
 Wharton, G. D., contractor, 213 Winthrop av, New Haven, Conn.  
 Wharton, Geo., contractor, 1168 Sherman av, Salt Lake City, Utah.  
 Wharton Steel Co., blast furnaces, Morris blvd, Phila., Pa.  
 Wharton, Wm., Jr., & Co., Inc., manganese steel track work, Easton, Pa.  
 What Cheer Tool Co., What Cheer, Iowa.  
 What Cheer Wire Wks., 157 Dorrance, Providence, R. I.  
 Whatcom County Shingle Co., lumber, Bellingham, Wash.  
 Whatcom Falls Mill Co., lumber, Bellingham, Wash.  
 Whatcom Fish Products Co., canned, Bellingham, Wash.  
 Whatcom Machinery Depot, dealers, Bellingham, Wash.  
 Wheat, L. P., Jr., architect, 808 17th, N. W., Washington, D. C.  
 Wheat Paper Co., paper & pulp mills, Elkhart, Ind.  
 Wheatcraft U., & Son, brick, Butler, Ohio.  
 Wheatcroft, W. G., & Sons, common brick, Grayville, Ill.  
 Wheatena Co., cereal foods, Rahway, N. J.  
 Wheatland Roller Mills Co., feed, Wheatland, Wyo.  
 Wheatley Pottery Co., Cincinnati, Ohio.  
 Wheaton, A. W., Brass Wks., 157 N. J. R. R. av, Newark, N. J.  
 Wheaton Bldg. Lumber Co., contractors, Putnam, Conn.  
 Wheaton, C. M., & Co., wire rope clamps, Sunbury, Ohio.  
 Wheaton, F. E., & Son, masons' & bldrs.' matls., Wheaton, Ill.  
 Wheaton, T. C., & Co., glass bottles, Millville, N. J.  
 Whedon, Webster D., wood handles, Madison, Conn.  
 Wheel Truing Brake Shoe Co., The Lenox, Detroit, Mich.  
 Wheel Truing Tool Co., Detroit, Mich.  
 Wheel & Wood Bending Co., Bridgeport, Conn.  
 Wheeler, A. B., & Son Co., heating contractors, Wausau, Wis.  
 Wheeler, A. G. & F., fertilizer mfrs., Stonington, Conn.  
 Wheeler, Alfred H., architect, Globe Bldg., St. Paul, Minn.  
 Wheeler-Arnold Co., ties, poles, etc., Wittenberg, Wis.  
 Wheeler, Asahel Co., paint mfrs., 58 High, Boston, Mass.  
 Wheeler, Aylesworth & Co., lumber, Endeavor, Pa.  
 Wheeler-Blaney Co., mill & facty. supplies, Kalamazoo, Mich.  
 Wheeler Bros., machsts. & fndrs., So. Norwalk, Conn.  
 Wheeler Bros., Brass Fndry., Troy, N. Y.  
 Wheeler, C. H., Mfg. Co., condensers, valves, pumps, 1800 Lehigh av, Philadelphia, Pa.  
 Wheeler, Chas. F., architect, 4736 Irving Park blvd, Chicago, Ill.  
 Wheeler Condenser & Eng. Co., Carteret, N. J.  
*See adv index at end of book*  
 Wheeler & Dusenberry, lumber, Endeavor, Pa.  
 Wheeler Engine Wks., Bridgeport, Conn.  
 Wheeler, F. E., cornices, 645 Forest av, Portland, Me.  
 Wheeler, Frank, & Son, machsts. & fndrs., Meriden, Conn.  
 Wheeler, G. R., brick, Gainesville, Ga.  
 Wheeler, Geo., ladders, Norwich, N. Y.  
 Wheeler, Geo. H., sash, door & blind mfrs., Norwich, N. Y.  
 Wheeler & Halley, architects, Union Bldg., San Diego, Cal.  
 Wheeler & Howes, masons' & bldrs.' matls., Bridgeport, Conn.  
 Wheeler, J. H., architect, New York Life Bldg., St. Paul, Minn.  
 Wheeler, J. R., & Co., lumber, Park Bldg., Pittsburgh, Pa.  
 Wheeler, J. W., & Co., lbr., Memphis, Tenn.  
 Wheeler, John, Construction Co., Geneva, Ill.  
 Wheeler & Johnson, architect, 137 Broad, Lynn, Mass.  
 Wheeler Lumber Bridge & Supply Co., Des Moines, Iowa.  
 Wheeler-McDowell Elev. Co., 417 Canal, New York.  
 Wheeler, Mifflin & Co., scrap iron & steel, Commercial Trust Bldg., Philadelphia, Pa.  
 Wheeler-Osgood Co., sashes, doors & blinds, 847 Second Bank Bldg., Minneapolis, Minn., & Tacoma, Wash.  
 Wheeler-Reese Lumber Co., Tacoma, Wash.  
 Wheeler Reflector Co., electric fixtures, etc., 156 Pearl, Boston, Mass.  
 Wheeler, Reynolds & Stauffer, bisulphide carbon, 624 California, San Francisco, Cal.  
 Wheeler-Schebler Carburetor Co., Indianapolis, Ind.  
 Wheeler Screen Co., Geneva, Ill.  
 Wheeler & Stern, architects, Charlotte, N. C.  
 Wheeler Varnish Wks., 2260 Elston av, Chicago, Ill.  
 Wheeler, W. A., mail boxes & slitting shears, Indianapolis, Ind.  
 Wheeler, W. W., & Co., contractors, 715 W. Washington, Chicago, Ill.  
 Wheeler & Wilson, hammock mfrs., 15 Merchants row, Boston, Mass.  
 Wheeling Bronze Casting Co., mfrs. brass, bronze & aluminum castings, Wheeling, W. Va.  
 Wheeling Butchers' Association, meat packers, Wheeling, W. Va.  
 Wheeling Can Co., tin can mfrs., 48th & Eoff, Wheeling, W. Va.  
 Wheeling Mattress Co., Wheeling, W. Va.  
 Wheeling Metal & Mfg. Co., Wheeling, W. Va.  
 Wheeling Mold & Foundry Co., foundry & machine shop, Raymond Peninsula, Wheeling, W. Va.  
 Wheeling Sanitary Mfg. Co., Wheeling, W. Va.  
 Wheeling Stamping Co., lamp burners, collapsible tubes and lanterns, 21st & Water, Wheeling, W. Va.



- Wheeling Steel Casting Co., Wheeling, W. Va.  
 Wheeling Steel & Iron Co., steel, tin plate & wrought pipe mills, Wheeling, W. Va.  
 Wheeling Stone & Range Co., 86 19th, Wheeling, W. Va.  
 Wheeling Tent & Awning Co., 1204 Water, Wheeling, W. Va.  
 Wheeling Tile Co., vitreous floor tile, Wheeling, W. Va.  
 Wheeling Wall Plaster Co., Wheeling, W. Va.  
 Wheelock, Geo. F., Co., cornices, Birmingham, Ala.  
 Wheelock, H. B., architect, Steiner Bldg., Birmingham, Ala.  
 Wheelock, Lovejoy & Co., wire, steel & Swedish iron, 23 Cliff, New York.  
 Wheelock Lumber & Mfg. Co., 1750 N. Campbell av, Chicago, Ill.  
 Wheelock Mfg. Co., flexible metallic tubing, Wheelock, Vt.  
 Wheelock Piano Co., 605 E. 132d, New York.  
 Wheelock & Shank, architects, Schiller Bldg., Chicago, Ill.  
 Wheelon, E. R., contractor, 825 E. 9th, So. Salt Lake City, Utah.  
 Wheelwright Construction Co., Ogden, Utah.  
 Wheelwright, Geo. W., Paper Co., 95 Milk, Boston, Mass.  
 Wheelwright, Robert, landscape architect, 15 E. 40th, New York.  
 Wheelley Rice Mills, Wheelley, Ark.  
 Wheelley Spoke Co., Wheelley, Ark.  
 Whelan, Alex. T., cornices & skylights, St. Joseph, Mo.  
 Whelan, D. J. (Est. of), shears, Troy, N. Y.  
 Whelan, Martin, cornices, Ardmore, Pa.  
 Whelan, P. J., & J. T., contractors, Lincoln Bldg., Phila., Pa.  
 Whelan, Thos., & Co., bldg. contrs., Quincy, Mass.  
 Wheland Co., mill & facty. supplies, Chattanooga, Tenn.  
 Wherry, Jas. & Co., contractors, 857 W. North av, Pittsburgh, Pa.  
 Wherry, S. C., architect, Mitchell, S. D.  
 Whidby Is. Sand & Gravel Co., Bellingham, Wash.  
 Whidden, A. H., & Son, mill & facty. supplies, Peabody, Mass.  
 Whidden-Beekman Co., contractors, 70 Devonshire, Boston, Mass.  
 Whidden & Lewis, architects, Wilcox Bldg., Portland, Ore.  
 Whigelt, Geo., waterproofing materials mfr., 124 Maiden la, New York.  
 Whike, Geo. H., & Sons, contractors, Canton, Ohio.  
 Whilldin, D. O., architect, Title Guarantee Bldg., Birmingham, Ala.  
 Whilldin Pottery Co., 713 Wharton, Phila., Pa.  
 Whinston, B. H., & C. N., architects, 3d av & E. 148th, New York.  
 Whinston, Morris, architect, 459 Stone av, Brooklyn, N. Y.  
 Whipple Art Glass Co., 409 Prospect av, N. W., Cleveland, Ohio.  
 Whipple & Campbell Co., platinum, 488 S. Main, Providence, R. I.  
 Whipple & Choate, brass, manganese & phosphor bronze ingots, Bridgeport, Conn.  
 Whipple, Eugene B., architect, 17 Exchange, Providence, R. I.  
 Whirret Bros., currycombs, stirrups, Delphos, Ohio.  
 Whisler, Chas. F., masons' & bldrs.' matls., Hillsboro, Ohio.  
 Whisler, John, blacksmith, Gibson, Ia.  
 Whistler, J. C., machst., Newville, Pa.  
 Whistler Porch Column Fcty., sash, door & blind, Centralia, Wash.  
 Whistler & Searcy Co., lumber, Ironton, Ohio.  
 Whitacre Fireproofing Construction Co., Waynesboro, Ohio.  
 Whitacre-Goshert Mfg. Co., machsts., Rockford, Ill.  
 Whitacre-Greer Fireproofing Co., Waynesburgh, Ohio.  
 Whitacre, R. B., & Co., machy. dhrs., St. Paul, Minn.  
 Whitaker Bros. Co., spokes, wagon, Meridian, Miss.  
 Whitaker, C. L., architect, Dravosburg, Pa.  
 Whitaker-Glessner Co., iron billets, mfrs. open hearth steel, orchard heaters, etc., Wheeling, W. Va.  
 Whitaker-Glessner Co. (Wheeling Corrugated Dept.), tin plates, steel sheets, iron & steel rolling mills, etc., Wheeling, W. Va.  
 Whitaker, John, Mfg. Co., check protectors, N. Wales, Pa.  
 Whitaker Mfg. Co., mill & facty. supplies, agric'l implements, 409 S. Green, Chicago, Ill.  
 Whitaker Paper Co., asphalt roofing, etc., Eggleston av, 6th & Lock, Cincinnati, Ohio.  
 Whitaker, Reed Co., travelers' rings, reeds, Worcester, Mass.  
 Whitaker, Wm., & Sons, denims, awning stripes, Cedar Grove, Phila., Pa.  
 Whitall, Tatum Co., druggists' & surgical glass & rubber goods, 410 Race, Phila., Pa.  
 Whitby, C. H., & Son, canned goods, Denton, Md.  
 Whitby, Wm. H., contractor, Easton, Md.  
 Whitcher, C. R., architect, Manchester, N. H.  
 Whitcher, F. W. Co., shoe laces, 14 Albany, Boston, Mass.  
 Whitcomb-Blaisdell Machine Tool Co., lathes, chucking & planing machines, Worcester, Mass.  
 Whitcomb Cabinet Co., bank, office & store fix., show cases, etc., 14th & Chestnut, Kansas City, Mo.  
 Whitcomb, E. Noyes, Co., contractors, 49 Wareham, Boston, Mass.  
 Whitcomb Envelope Co., Worcester, Mass.  
 Whitcomb & Faulkner, mill & facty. supplies, Palmer, Mass.  
 Whitcomb, Frank L., contractor, 17 Wareham, Boston, Mass.  
 Whitcomb, Geo. D., Co., machsts. & fndrs., Rochelle, Ill.  
 Whitcomb, Haynes & Whitney, lumber, Ellsworth Falls, Me.  
 Whitcomb & Kavannaugh Co., contractors, 6 Beacon, Boston, Mass.  
 Whitcomb Metallic Bedstead Co., Shelton, Conn.  
 White, A. D., Machy. Co., 108 N. Jefferson, Chicago, Ill.  
 White, A. E., Mach. Wks., Eau Claire, Wis.  
 White, A. H. Co. (Ltd.), roofing paper, Howard, Venus, Miro, New Orleans, La.  
 White, A. J., architect, Big Rapids, Mich.  
 White, A. L., Mfg. Co., organs, 215 Englewood av, Chicago, Ill.  
 White, A. P., & Co., flour mills, Cadiz, Ky.  
 White Adding Mach. Co., New Haven, Conn.  
 White, B. V., architect, Summit, N. J.  
 White & Bagley Co., lubricating oils & greases, 100 Foster, Worcester, Mass.  
 White, Barclay & Co., contractors, 1530 Chestnut, Phila., Pa.  
 White, Benj. S., Mach. Shop & Fdry., Shreveport, La.  
 White, Benj. T., contractor, Newport, R. I.  
 White-Blakeslee Mfg. Co., machsts. & fndrs., Birmingham, Ala.  
 White Brass Castings Co., 1656 Austin av, Chicago, Ill.  
 White & Bro., ingot metals, Phila., Pa.  
 White Bros., architects, Brainard, Minn.  
 White Bros., denims, E. Jaffrey, N. H.  
 White Bros., lumber, 5th & Brannan, San Francisco, Cal.  
 White Bros., fndrs., Western Port, Md.  
 White Bros., awning stripes, & tickings, Winchendon Springs, Mass.  
 White Building Co., Northern Bk. Bldg., Seattle, Wash.  
 White, C. P., Lumber Co., Boonville, Ind.  
 White, C. W., & Co., elastic hosiery, 99 Court, Boston, Mass.  
 White, Chas., sashes, doors & blinds, Frenchtown, N. J.  
 White, Chas. & Co., machinists, 418 O. S. W., Washington, D. C.  
 White, Chas. E., architect, 617 E. 24th, Paterson, N. J.  
 White, Chas. E. Jr., architect, 139 N. Clark, Chicago, Ill.  
 White, Charles F., architect, Citizens' Bldg., Cleveland, O.  
 White, Chas. Gas Engine Co., engine manfrs., Baltimore, Md.  
 White, Chas. H., lumber mfrs., Webster Crossing, N. Y.  
 White, Chas. H., & Sons Co., pattern & flask stock lbr., 18th & Indiana, Philadelphia, Pa.  
 White City Elec. Co., storage batteries, 14 N. Franklin, Chicago, Ill.  
 White Cloud Canning Co., White Cloud, Mich.  
 White Cloud Mill & Elevator Co., White Cloud, Kans.  
 White & Co., masons' & bldrs.' matls., Anderson, S. C.  
 White (The), Co., automobile builders, 842 E. 79th, Cleveland, Ohio.  
 White Constr. Co., Ry. Exch. Bldg., Milwaukee, Wis.  
 White, Corbin & Co., plain envelopes, Rockville, Conn.  
 White, David, Co., engineers field inst., 419 E. Water, Milwaukee, Wis.  
 White, E. I., ship bldrs., Machias, Me.  
 White, E. M., & Co., motor boats, canoes, etc., Old Town, Me.  
 White, E. V., & Co., mill & facty. supplies, Norfolk, Va.  
 White Elm Nursery Co., landscape architects, 738½ Cramer, Milwaukee, Wis.  
 White, Elmer S., & Co., auto rugs, Heed Bldg., Phila., Pa.  
 White Enamel Refrigerator Co., 1340 University av, St. Paul, Minn.  
 White & Engleby, architects, Peyton Bldg., Spokane, Wash.  
 White, F. H., & Co., mchsts. & fndrs., South Easton, Mass.  
 White, F. H., Co., hat boxes, 1001 Hamilton, Phila., Pa.  
 White, F. J., iron, 462 Maine av, S. W., Washington, D. C.  
 White, F. Manson, architect, Chamber of Commerce, Portland, Ore.  
 White, F. O., Constr. Co., concrete steel constr., 183 River, Boston, Mass.  
 White Fire Proof Const. Co., 286 5th av, New York.  
 White, Fred C., demijohns, 241 Water, New York.  
 White, Fred I., hose pipes, Reading, Mass.  
 White Frost Refrigerator Co., Jackson, Mich.  
 White, G. Axe, Co., Honesdale, Pa.  
 White, G. W., & Son, masons' & bldrs.' matls., Watertown, N. Y.  
 White, Geo., models & experimental wk., 22 Morris, Jersey City, N. J.  
 White, Geo., Buggy Co., carriages, Rock Island, Ill.  
 White & Gloor, contractors, Monadnock Bldg., San Francisco, Cal.  
 White, Gratwick & Mitchell, lbr. mfrs.—packing, box mfrs., Tonawanda, N. Y.  
 White, H. B., Co., North Bennington, Vt.  
 White, H. C., Co., stereoscopes, desk lights, North Bennington, Vt.  
 White-Haines Optical Co., Columbus, O.  
 White Hall Pottery Works, White Hall, Ill.  
 White Hardware Co., Norfolk, Va., & Wilkes-Barre, Pa.  
 White Haven Quarry Co., stone prod., Scranton, Pa.  
 White, Herbert E., & Co., contractors, Attleboro, Mass.  
 White Hickory Wagon Mfg. Co., East Point, Ga.  
 White Hill Chain Wks., Fieldsboro, N. J.  
 White Hoist & Mach. Co., So. blvd & 143d, New York.  
 White, I. N., pea feeding machines, Mount Morris, N. Y.  
 White, Ira, & Son Co., machsts., Bloomfield, N. J.  
 White, J. A., cloth mops, Oxford, Ohio.  
 White, J. B., architect, Ardmore, Okla.  
 White, J. B., & Son, architects, Clarion, Ia.  
 White, J. Cleveland, canned goods, Salisbury, Md.  
 White, J. Frank, soap, Elmira, N. Y.  
 White, J. G., & Co., contractors, 43 Exchange pl, New York.  
 White, J. G., Engineering Corp., sugar plant constr., 43 Exchange pl, New York.  
 White, J. J. Lumber Co., Columbia, Miss.  
 White, J. R., architect, Webster City, Ia., & Arcade Bldg., Niagara Falls, N. Y.  
 White, J. S., Co., mchsts. & fndrs., Pawtucket, R. I.  
 White, J. T., & Son, lumber, Hazel, Ky.  
 White, Jas. F., & Co., burlap, 54 Worth, New York.  
 White, Jas. M., architect, Administration Bldg., Urbana, Ill.



- White, Jas. N., & Sons, granite, W. Quincy, Quincy, Mass.  
 White, Jesse W., architect, 2416 Dean av, Spokane, Wash.  
 White, Jos., fndrs., Lima, Ohio.  
 White, Jos. F., contractor, 1 Cleveland, Boston, Mass.  
 White, L. C., Co., button back mfrs., Waterbury, Conn.  
 White, L. E., Lumber Co., Balboa Bldg., San Francisco, & Point Arena, Cal.  
 White, L. & I. J. Co., edge tools & machine knives, 120 Columbia, Buffalo, N. Y.  
 White, L. J., Lumber Co., Hutchinson, Kans.  
 White Lake Lumber Co., 122 S. Michigan av, Chicago, Ill., & Green Bay, Wis.  
 White Lily Mfg. Co., machsts. & fdrs., Davenport, Ia.  
 White Lumber Co., 1500 Webster av, Chicago, Ill., & Johnson City, Tenn.  
 White Mfg. Co., machsts., Bridgeport, Conn., & 556 W. 34th, New York.  
 White Marble Lime Co., masons' & bldrs.' matls., Manistique, Mich.  
 White Marble & Terrazzo Co., Lee, Mass.  
 White, Margaret, architect, 11 Highland, Cambridge, Mass.  
 White, Michael, contractor, Bayonne, N. J.  
 White Milling Co., buckwheat flour, Bloomsburg, Pa.  
 White Mills Dist. Co., Louisville, Ky.  
 White Mop Wringer Co., Fultonville, N. Y.  
 White Motor Co., 842 E. 79th, Cleveland, O.  
 White Mt. Freezer Co., mach. & fdrs., Nashua, N. H.  
 White, N. D., & Sons, denims, Winchendon Springs, Mass.  
 White, O. C., Co., electric & gas light fixtures, Worcester, Mass.  
 White Oak Hub Co., Vina, Ala.  
 White Oak Mountain Mill Co., flour, Georgetown, Tenn.  
 White Paper Box Co., Holyoke, Mass.  
 White, Patrick, & Sons, mchsts. & fndrs., Perth Amboy, N. J.  
 White, Perkins & White, cornices & skylights, Wellsville, O.  
 White, Pevey & Dexter Co., meat packers, Worcester, Mass.  
 White Pine Bureau, protective Ass'n, Merchants Bank Bldg., St. Paul, Minn.  
 White Plains Buggy Co., White Plains, N. C.  
 White Plains Constr. Co., White Plains, N. Y.  
 White Plains Gin & Fertilizer Co., White Plains, Ga.  
 White Provision Co., Atlanta, Ga.  
 White Racker Co., beer racking machines, 3916 W. Congress, Chicago, Ill.  
 White, Ralph E., architect, Penna. Bldg., Philadelphia, Pa.  
 White, Richard P., lbr. mfrs., Albany, N. Y.  
 White River Lumber Co., Enumclaw, Wash., & Mason, Wis.  
 White, Robt. J., lbr., Minooski, Vt.  
 White Rock Distilling Co., Connellsville, Pa.  
 White, S. S., Dental Mfg. Co., battery chemicals & oxygen gas, 12th & Chestnut, Philadelphia, Pa.  
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 White, Scott A., tile, slate & slag roofing, Oliver Bldg., Pittsburgh, Pa.  
 White Sewing Machine Co., 842 E. 79th, Cleveland, Ohio.  
 White Son Co., chamois importers, 540 Atlantic av, Boston, Mass.  
 White Springs Paper Co., paper & pulp mills, Nutley, N. J.  
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 White Star Canning Co., San Pedro, Cal.  
 White Star Lumber Co., 11 S. La Salle, Chicago, Ill.  
 White Star Mills, flour, Staunton, Va.  
 White Star Refining Co., lubrg. oils, Avery & Grand Trunk Ry., Detroit, Mich.  
 White-Stillman Fndry. Co., 1 Bark, Providence, R. I.  
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 White Sulphur Lumber Co., Jena, La.  
 White, T. C., Co., porcelain & strain insulators, 1122 Pine, St. Louis, Mo.  
 White, T. & S. C., Co., sulphur, 100 William, New York.  
 White Tar Co., benzol refiners, moth balls, etc., John & Cliff, New York.  
 White, Thos. E., architect, Lansing, Mich.  
 White, Thos. H., & Co., azotine, bone dlrs., potash, etc., 11 S. Gay, Baltimore, Md.  
 White, Thos., Stove Co., Quincy, Ill.  
 White & Todd, masons' & bldrs.' matls., Aurora, Ill.  
 White Tool & Supply Co., machinery & mill supply dealers, 1313 W. 6th, Cleveland, O.  
 White Trunk & Bag Co., Nashville, Tenn.  
 White, U. J., lbr. mfrs., Dupont, Fla.  
 White Valentine Co., brooms, Urbana, Ohio.  
 White, W. H., Co., lumber, Boyne City, Mich.  
 White, W. H., Co., masons' & bldrs.' matls., Nyack, N. Y.  
 White, W. J., & Co., paint mfrs., color cards, Detroit, Mich.  
 White-Warner Co., machsts. & fndrs., Taunton, Mass.  
 White, Wm. A., architect, 1030 N. Gilmor, Baltimore, Md.  
 White, Wm. H., & McCulloch Lbr. Co., Fargo, N. D.  
 White, Wm. J., contractor, Lewiston, Pa.  
 White Williamson Co., cottonades, Graham, N. C.  
 White Wire Wks. Co., Rochester, N. Y.  
 White & Wright, contractors, Olympia, Wash.  
 White & Wyckoff Mfg. Co., tablets & pads, Holyoke, Mass.  
 Whitebreat Coal & Lumber Co., Lincoln, Nebr.  
 Whitecars, Jos., Iron Wks., machsts., 402 S. Water, Phila., Pa.  
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 Whiteford, J. S., canned goods, Whiteford, Md.  
 Whiteford, W. S., & Sons, canned goods, Whiteford, Md.  
 Whitehall Cement Mfg. Co., Land Title Bldg., Philadelphia, Pa.  
 Whitehead, Alfred, contractor, 1624 W. Latimer, Phila., Pa.  
 Whitehead Bennett, contrs., Evansville, Ind.  
 Whitehead Bros. Co., sand, fire clay, kaolin, etc., 537 W. 27th, New York.  
 Whitehead Bros. Rubber Co., hose & packing mfrs., Trenton, N. J.  
 Whitehead Co., concrete steel railroad ties, Farmington, Ill.  
 Whitehead, Ernest, contractor, 187 Commercial, Worcester, Mass.  
 Whitehead, Fred H., canned goods, Lincoln City, Del.  
 Whitehead, H. B., architect, 10 E. 43d, New York.  
 Whitehead & Hoag Co., advertg. nov. & spec., badges, emblems, etc., Warren & Washington, Newark, N. J.  
 Whitehead, John W., architect, Owensboro, Ky.  
 Whitehead, John W., contractor, Louisville, Ky.  
 Whitehead & Kales Iron Wks., Detroit, Mich.  
 Whitehead Metal Products Co., brass, bronze, copper & German silver sheet, wire, rods & tube, 67-73 Washington, N., Boston, Mass. *See adv index at end of book*  
 Whitehead, Oscar P., machst., Boonton, N. J.  
 Whitehead Paint Co., 34 Pine, New York.  
 Whitehead, Russell F., architect, 132 Madison av, New York.  
 Whitehead, Wm. G., Glass Co., 180 W. 4th, St. Paul, Minn.  
 Whitehouse-Crawford Co., lumber, Walla Walla, Wash.  
 Whitehouse & Dyer, cooperage stock, Columbia, Tenn.  
 Whitehouse & Foulhoux, architects, Wilcox Bldg., Portland, Me.  
 Whitehouse, H. G., belt buckles, 44 Elm, Newark, N. J.  
 Whitehouse, L. A., architect, 100 Boylston, Boston, Mass.  
 Whitehouse-Le Compte Mfg. Co., hdwe. mfrs., 44 Elm, Newark, N. J.  
 Whitehouse & Price, architects, Hutton Bldg., Spokane, Wash.  
 Whitehouse Stone Co., Toledo, Ohio.  
 Whitehurst, R. W., Mfg. Corp., Norfolk, Va.  
 Whitelaw Bros. Chemical Co., 15 So. Wharf, St. Louis, Mo.  
 Whitelock & Gorrill, contractors, Monadnock Bldg., San Francisco, Cal.  
 Whitely Exerciser Co., 36 Vesey, New York.  
 Whitely Malleable Castings Co., Muncie, Ind.  
 Whitelock, J. Odell, contractor, 231 W. 18th, New York.  
 Whiteman Mfg. Co., machsts., Canton, Ohio.  
 Whitelock, D. L., & Co., mill & factory supplies, Tecumseh, Mich.  
 Whitener, J. Q. D., Land & Lumber Co., Masquand, Mo.  
 Whiterock Quarries, lime mfrs., Bellefonte, Pa.  
 White's, S. R., Sons, agricultural implements, Norfolk, Va.  
 White's, Sam'l G., Sons, machsts. & fndrs., Peterboro, N. H.  
 Whitesburg Canning Co., Whitesburg, Tenn.  
 Whiteside, Rush J., & Sons, contractors, 2115 Wallace, Philadelphia, Pa.  
 Whiteside Wheel Co., Indianapolis, Ind.  
 Whitestone Marble Co., Atlanta, Ga.  
 Whitewater Canning Co., Whitewater, Wis.  
 Whitewater Milling & Elevator Co., Whitewater, Kans.  
 Whiteway, Wm. I., architect, 912 6th, Sioux City, Ia.  
 Whitewright Cotton Oil Co., meal, Whitewright, Tex.  
 Whitfield Carbon Paper Wks., 33 Sullivan, New York.  
 Whitfield Hardware Co., Hawkinsville, Fla.  
 Whitfield, Henry D., architect, 160 5th av, New York.  
 Whitford, E. K., architect & contractor, 1457 Castleton av, Port Richmond, N. Y.  
 Whitford, James, architect, S. I. Bldg., Tompkinsville, N. Y.  
 Whithurst & Hodge, lumber, Gilroy, Cal.  
 Whiting Machine Wks., machsts. & fndrs., Whitinsville, Mass.  
 Whiting, Cas. W., contractor, Northampton, Mass.  
 Whiting & Davis Co., silver novelties, Plainville, Mass.  
 Whiting, E. B., & A. C. Co., plastering fibre, Burlington, Vt.  
 Whiting, F. M., & Co., silver novelties, North Attleboro, Mass.  
 Whiting Foundry Equipment Co., Harvey, Ill.  
 Whiting, Frank P., architect, 103 Park av, New York.  
 Whiting, Geo. A., Paper Co., Menasha, Wis.  
 Whiting, Geo. Co., machsts., 1719 Elston av, Chicago, Ill.  
 Whiting, Henry F., mill & facty. supplies, Lowell, Mass.  
 Whiting, John L.—Adams, J. J., Co., brush mfrs., 690 Harrison av, Boston, Mass.  
 Whiting, Junius F., architect, 250 Cedar, Springfield, Ohio.  
 Whiting Mfg. Co., table silverware, Bridgeport, Conn.  
 Whiting Milling Co., flour, Shepardstown, W. Va.  
 Whiting Paper Co., Holyoke, Mass.  
 Whiting-Patterson Co., envelopes, 11th & Race, Phila., Pa.  
 Whiting-Plover Paper Co., Stevens Point, Wis.  
 Whiting-Turner Construction Co., Section Bldg., Baltimore, Md.  
 Whiting, W. H., & Co., whol. hdwe., 222 E. Pratt, Baltimore, Md.  
 Whittingham Lime Co., Sherman, Vt.  
 Whitinsville Spinning Ring Co., tex. machy., supplies, etc., Whitinsville, Mass.  
 Whitlam, J. C., Mfg. Co., cement, Wadsworth, Ohio.  
 Whitlock Coil Pipe Co., Hartford, Conn.  
 Whitlock Cordage Co., 46 South, New York.  
 Whitlock, J. A., architect, Muskogee, Okla.  
 Whitlock, J. W., & Co., musical instruments, Rising Sun, Ind.  
 Whitlock, M. B., & Co., contractors, Denton, Tex.  
 Whitlock Mfg. Co., belt dressing, 1506 W. 112th, Cleveland, O.  
 Whitlock Printing Press Mfg. Co., machy., Shelton, Conn.



- Whitlock, Walter H., architect, Security Mutual Bldg., Binghamton, N. Y.
- Whitlow, M. G., Hardware Co., cornices & skylights, Bluefield, W. Va.
- Whitman Agricultural Co., beet pulp presses, 6900 S. B'way, St. Louis, Mo.
- Whitman & Barnes Mfg. Co., drop forgings, twist drills, wrenches, agric'l implements, etc., Akron, Ohio.  
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- Whitman Bros., sweaters, cardigans, etc., Little Falls, N. Y.
- Whitman, Jos. L., masons' & bldrs.' matls., Wapakoneta, Ohio.
- Whitman Mach. Co., 178 Ohio, Buffalo, N. Y.
- Whitman & Pratt Rendering Co., Lowell, Mass.
- Whitman, R., steam hgt. contrs., Charlotte, N. Y.
- Whitman Studios, archl. modelers & sculptors, 900 Oxford, Phila., Pa.
- Whitmarsh, I. F., Co., cornices & skylights, Taunton, Mass.
- Whitmer-Jackson Sash & Door Co., Cleveland, Ohio.
- Whitmer-Steele Co., lumber, Sunbury, Pa.
- Whitmer, Wm., & Sons, lbr., Finance Bldg., Phila., Pa.
- Whitmer, Wm., & Sons Co., masons' & bldrs.' matls., Sunbury, Pa.
- Whitmeyer & Chaffee, architects, 204 S. Glenwood av, Peoria, Ill.
- Whitmore, C. B., Co., masons' & bldrs.' matls., Lockport, N. Y.
- Whitmore, Chas. O., architect, 75 Pratt, Hartford, Conn.
- Whitmore Mfg. Co., lubricating oils, Iron et & Erie Ry., Cleveland, Ohio.
- Whitmore Mfg. Co., paper & pulp mills—blanks, manifests & R. R. stationery, Holyoke, Mass.
- Whitmore, O. S., & Co., sash, door & blind mfrs., 850 N. Spaulding, Chicago, Ill.
- Whitmore, Rauber & Vicinus, contractors—masons' & bldrs.' matls., 279 South av, Rochester, N. Y.
- Whitmyer, H., corn brooms, Schenectady, N. Y.
- Whitner Two Rope Safety Co., fire escapes, 133 W. Washington, Chicago, Ill.
- Whitney, Arthur E., contractor, 18 P. O. sq, Boston, Mass.
- Whitney, Baxter D., & Son, machsts. & fndrs., Winchendon, Mass.
- Whitney Bros. Co., bldg. contrs., Duluth, Minn.
- Whitney Bros. Co., contractors & dock bldrs., Superior, Wis.
- Whitney, Chas. E., contractor, North Adams, Mass.
- Whitney Co., contractors, 1 Liberty, New York.
- Whitney & Co., folding paper boxes, Leominster, Mass.
- Whitney & Currier Co., organs, Toledo, Ohio.
- Whitney, E. & Co., masons' & bldrs.' matls., Natick, Mass.
- Whitney, Everett E., masons' & bldrs.' matls., Hingham, Mass.
- Whitney, F. A., Carriage Co., Leominster, Mass.
- Whitney, F. E., Co., machsts. & fndrs., organ motors, etc., 65 Sudbury, Boston, Mass.
- Whitney & Ford, steam fitters' & plumbers' supplies—jobbers, 4325 Cottage Grove av, Chicago, Ill.
- Whitney, Frederick, carriages, Ayer, Mass.
- Whitney, Geo. A., Co., mill & facty. supplies Lewiston, Me.
- Whitney Glass Wks., Glassboro, N. J.
- Whitney Hardware Co., Albuquerque, N. M.
- Whitney, Hy., & Co., whisk brooms, Amsterdam, N. Y.
- Whitney Iron Works, 849 Tchoupitoulas, New Orleans, La.
- Whitney, Jas. E., fishing poles, 88 Broad, Boston, Mass.
- Whitney, L. J., architect, Springville, Utah.
- Whitney Machine Co., Winchester, Mass.
- Whitney Mfg. Co., chains, keys, hand milling machs., Hartford, Conn.
- Whitney Mfg. Co., cotton sheetings, Whitney, S. C.
- Whitney Metal Tool Co., punches, hand power shears, etc., Rockford, Ill.
- Whitney, Reed Corp., toys, games & nov., Leominster, Mass.
- Whitney & Sloo Co. (Ltd.), horse collars, 733 Tchoupitoulas, New Orleans, La.
- Whitney Supply Co., mill & facty. supplies, 418 S. Peters, New Orleans, La.
- Whitney, Wm. Channing, architect, Ln. & Tr. Bldg., Minneapolis, Minn.
- Whitney, Wm. P., architect, Peoples' Gas Bldg., Chicago, Ill.
- Whitney Window Corp., hardware mfrs., 307 S. 5th, Minneapolis, Minn.
- Whiton, Aug. S., architect, 101 Park av, New York.
- Whiton, D. E. Mfg. Co., centering machines, chucks & gear cutting machines mfrs., Howard & Oak, New London, Conn.  
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- Whiton Hardware Co., Seattle, Wash.
- Whiton & Haynes Co., contractors, 200 Devonshire, Boston, Mass.
- Whiton & McMahon, architects, 36 Pearl, Hartford, Conn.
- Whitselle Brick & Lumber Co., Corsicana, Tex.
- Whitsitt & Schulzke, architect, Moline, Ill.
- Whitson, C. P., canned goods, Swannanoa, N. C.
- Whitson, Jerre, Hardware Co., Cookeville, Tenn.
- Whittaker & Diehl, contractors, Harrisburg, Pa.
- Whittaker, E. B., contractor, Huntington, Pa.
- Whittaker, F. A., machst., Middleport, N. Y.
- Whittaker, John, & Co., contractors, 51 Church, Detroit, Mich.
- Whittaker, W. H., Co., clays, paints, terra-alba, etc., 250 Front, New York.
- Whitted, T. B., machst., Charlotte, N. C.
- Whittlesey, F. H., Co., paper & pulps mill, Windsor Locks, Conn.
- Whittlesey & Whittlesey, naval architects, 17 Battery pl, New York.
- Whittemore Bros. Corp., shoe polishes, Cambridge, Mass.
- Whittemore, W. L., & Son, paint brushes, Hartford, Conn.
- Whittemore Woodbury Co., shoemakers' wax, Charlestown, Boston, Mass.
- Whittemore-Wright Co., beeswax, Charlestown, Boston, Mass.
- Whitten, Horace E., hgt. contrs., 13 Merchants row, Boston, Mass.
- Whitten, J. O., Co., glue mfrs., 68 Western av, Boston, Mass.
- Whitten & Ludewick, machsts., Fillmore, Ill.
- Whitten, R. S., flour mills, Eagle Rock, Va.
- Whittenton Mfg. Co., cottonades, Taunton, Mass.
- Whittet, Barrett & Co., mill & facty. supplies, 59 Main, Buffalo, N. Y.
- Whittet, Jas., bldg. contr., Lowell, Mass.
- Whittier-Coburn Co., plate glass, Howard & Beale, San Francisco, Cal.
- Whittier Mach., Co., 34 India, Boston, Mass.
- Whittier Mills, sash cords, Chattahoochee, Ga.
- Whittier Quarry Co., granite producers, Montpelier, Vt.
- Whittington-Stearns Hardware Co., Hot Springs, Ark.
- Whittington-Vaughan Co., pipe vises, Easton, Pa.
- Whittington, W. L., & Co., canned goods, Hopewell, Md.
- Whittington, W. R., canned goods, Marion Station, Md.
- Whittle, Chas L., diamond saws, 50 Congress, Boston, Mass.
- Whittle Trunk & Bag Co., Knoxville, Tenn.
- Whittlesey, Chas. F., architect, Haight & Clayton, San Francisco, Cal.
- Whitton, Frederick, contractor, 251 Kearny, San Francisco, Cal.
- Whittredge, W. C., & Co., masons' & bldrs.' matls., Lynn, Mass.
- Whitty, R. P., & Co., contractors, Union Trust Bldg., Washington, D. C.
- Whitworth, R. J., flour mills, Gleason, Tenn.
- Wholey Boiler Wks., 95 Whipple, Providence, R. I.
- Whomas, Walter H., architect, 106 S. 15th, Philadelphia, Pa.
- Whoooley, D. J., & Co., hgt. contrs., Fitchburg, Mass.
- Why Bros. & Co., knitted gloves & mittens, 5130 Wakefield, Phila., Pa.
- Whyte Oliver, & Co., wire cloth, 21 Cornhill, Boston, Mass.
- Whyte, Wm. H., Constr. Co., Hackensack, N. J.
- Whyte, Wm. R., contractor, 36 Oakland av, Jersey City, N. J.
- Wiand, Wm. H., contractor, Pottstown, Pa.
- Wiant & Barr Hardware Co., Parkersburg, W. Va.
- Wiant, Herman L., contractor, Lancaster, Pa.
- Wiard, F., drill chucks, 451 Hurlbut av, Detroit, Mich.
- Wiard Mfg. Co., clothes washing machines, E. Avon, N. Y.
- Wiard Plow Co., Batavia, N. Y.
- Wiarda, Jno. C., & Co., chemicals & potash, 273 Greene, Brooklyn, N. Y.
- Wibert's, A., Sons, Lumber & Shingle Co., Plaquemine, La.
- Wible, R. B., & Son, brick, 3404 Old Yard rd, Phila., Pa.
- Wiborg & Hanna Co., gum lbr. mfrs., Cleveland, Ohio.
- Wiborg, Harry P., lbr., 2612 Un. Cent. Bldg., Cincinnati, O.
- Wicaco Screw & Mach. Wks., 623 Wood, Phila., Pa.
- Wichert, E. M., Co., contractors, Hartje Bldg., Pittsburgh, Pa.
- Wichita Automobile Co., Wichita, Kans.
- Wichita Casket Co., Wichita, Kans.
- Wichita Cotton Oil Co., meal, Wichita Falls, Tex.
- Wichita Falls Brick & Tile Co., Wichita Falls, Tex.
- Wichita Falls Broom Mfg. Co., Wichita Falls, Tex.
- Wichita Falls Fdry. & Mach. Co., Wichita Falls, Tex.
- Wichita Falls Motor Co., Wichita Falls, Tex.
- Wichita Sash & Door Co., Wichita, Kans.
- Wichita Silex Brick Co., Wichita, Kans.
- Wichita Trunk Co., Wichita, Kans.
- Wichita Valley Refining Co., petroleum and its products, Iowa Park, Tex.
- Wichman, H. G., architect, Babylon, N. Y.
- Wick, Geo. W., architect, 45 Main, Flushing, N. Y.
- Wick Narrow Fabric Co., tapes, braids & cords, 921 Market, Philadelphia, Pa.
- Wick, P. S., Co., pianos, N. St. Paul.
- Wickerham, Adam G., architect, Homestead, Pa.
- Wickersham Shingle Co., lumber, Wickersham, Wash.
- Wickes, A. F., architect, Gary, Ind.
- Wickes Boiler Co., Saginaw, Mich.
- Wickes Bros., mill & facty. supplies, lathes, etc., 512 N. Tilden, Saginaw, Mich.  
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- Wickham Bros., contractors, Council Bluffs, Iowa.
- Wickham Cut Glass Co., Scranton, Pa.
- Wickham, E. A., & Co., contractors, Council Bluffs, Iowa.
- Wickham, Jas. & O. P., brick, Council Bluffs, Iowa.
- Wickham Piano Plate Co., hdwe., machsts. & fndrs., Springfield, Ohio.
- Wicks Bros., machy. dealers, 39th & Lowe av, Chicago, Ill.
- Wicks & Compton, soap, Woodstock, Ill.
- Wicks, J. E., architect, Astoria, Ore.
- Wicks, M. O. Mfg. Co., plasterers' steel corner beads, Glen Cove, N. Y.
- Wicks Pipe Organ Co., Highland, Ill.
- Wickwire Bros., rolling mills, wire cloth, Cortland, N. Y.
- Wickwire Steel Co., River rd, Buffalo, N. Y.
- Wicomico Lbr. Co., Williamston, N. C.
- Widdall, H. S., contractor, Avoca, Pa.
- Widdall, J. A., contractor, Avoca, Pa.
- Widell Co., contractors, stone, Mankato, Minn.
- Widder, F. E., Co., furnaces, Canton, O.
- Widdowson, J. M., masons' & bldrs.' matls., Carrolton, Ill.



- Widmann & Walsh, brewery architects, Wainwright Bldg., St. Louis, Mo.
- Widmark, H. P. & Son, sash, door & blind, Ludington, Mich.
- Widmer Bros., machsts., Paterson, N. J.
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- Wieben, John, Co., washers, oil filters, etc., 2051 Lex. av, New York.
- Wieber & Walter, htg. contrs., Kingston, N. Y.
- Wiebke Mach. Co., 135 W. 3d, New York.
- Wieber, Anton, machsts., Quincy, Ill.
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- Wiebusch & Hilger, Ltd., whol. hdwe., 106 Lafayette, New York.
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- Wiedemann, H. E., chemists, Chemical Bldg., St. Louis, Mo.
- Wiedemann, W. C., cornices, 1820 Harrison, Kansas City, Mo.
- Wieder, L. A. & Sons, contractors, Allentown, Pa.
- Wiederhold Mantle & Burner Co., 131 Winfield av, Jersey City, N. J.
- Wiederholdt Const. Co., contrs., Old Bank of Commerce Bldg., St. Louis, Mo.
- Wiedmaier, F. W., architect, Campau Bldg., Detroit, Mich.
- Wiegert Construction Co., Bushnell, Ill.
- Wiegner, H. J., architect, Bethlehem, Pa.
- Wiegund, W., architect, 45 W. 34th, New York.
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- Wieneke-Hoerr Co., canned goods, Dubuque, Iowa.
- Wiener-Barnet Co., brass fndrs., 328 Adams, Newark, N. J.
- Wiener Machinery Co., 56 Church, New York.
- Wierling Wood Case Co., Buffalo, N. Y.
- Wiese Elec'l Appliance Co., humidifying app., 4609 Lisbon av, Milwaukee, Wis.
- Wiese, J. H., contractor, City Nat. Bk. Bldg., Omaha, Neb.
- Wiest, Geo., buckwheat flour, Fort Atkinson, Ia.
- Wiest Mach. Co., York, Pa.
- Wiggers & Froelick, jwlr. cases, 8 Dutch, New York.
- Wiggin, Burton H., Co., bldg. contrs., Lowell, Mass.
- Wiggin Crushed Stone & Sand Co., Germantown, O.
- Wiggin, H. D., lumber, Fiske Bldg., Boston, Mass.
- Wiggins, E. W., masons' & bldrs.' matls., Shelby, O.
- Wiggins, Fred B., packing box mfrs., Cleveland, Ohio.
- Wiggins, H. B., Sons Co., wall coverings, Bloomfield, N. J.
- Wiggins, Jno. B., Co., loose leaf devices, 1104 S. Wabash av, Chicago, Ill.
- Wiggins, John R., & Co., contractors, 1215 Filbert, Phila., Pa.
- Wiggins, Paul N., architect, Charleston, W. Va.
- Wigington, Jas. D., masons' & bldrs.' matls., Evanston, Ill.
- Wigglesworth Victor H., architect, 82 Chestnut, Boston, Mass.
- Wight, Arthur E., carriages, Caribou, Me.
- Wight & Lipe, mchsts. & fndrs., San Jose, Cal.
- Wight, Oliver B., Munsey Bldg., Baltimore, Md.
- Wight, W. N., & Co., concrete reinf. mtls., 5 Beekman, New York.
- Wight & Wight, architects, 1st Nat'l Bk. Bldg., Kansas City, Mo.
- Wight, Wm. E., contractor, 36 Harvard av, Boston, Mass.
- Wightman, Andrew, church spires repaired, Peekskill, N. Y.
- Wightman, Edgar A., architect, 1513 Walnut, Phila., Pa.
- Wiglesworth Bros. Co., distillers, Poindexter, Ky.
- Wigley, H. C., & Bro., canned goods, Millersville, Md.
- Wigman Co., plumbers' supplies, Sioux City, Ia.
- Wigmore, John, & Sons Co., mill & factory supplies, N. E. cor. 4th & San Pedro, Los Angeles, Cal.
- Wignall, C. L., architect, Port Arthur, Tex.
- Wil-Bar Mfg. Co., elec. fix. studs, 22 Clark ct, Detroit, Mich.
- Wilber Bros., smelters & refiners, Pacific Bldg., San Francisco, Cal.
- Wilberding, Brandewiede & Co., machsts., 110 W. Court, Cincinnati, Ohio.
- Wilbert, Jno., oil well supplies, Petroleum Center, Pa.
- Wilborn, Jas., Jr., sash, door & blind mfrs., 2700 W. Superior, Chicago, Ill.
- Wilbraham-Green Blower Co., Pottstown, Pa.
- Wilbur Co., masons' & bldrs.' matls., Poughkeepsie, N. Y.
- Wilbur Corp., tool chests & window screens, New Haven, Conn.
- Wilbur, Edwin, architect, 562 W. 164th, New York.
- Wilbur, F. C., Lumber Co., Grayslake, Ill.
- Wilbur, J., Co., clays, paint grinders, etc., Providence, R. I.
- Wilbur Job Co., paint mfrs., Ft. E. Tioga, Phila., Pa.
- Wilbur Lumber Co., 905 Pabst Bldg., Milwaukee, Wis.
- Wilburine Oil Wks., 11 B'way, New York.
- Wilburn, Miss L. R., architect, Peters Bldg., Atlanta, Ga.
- Wilby, Carlton, naval arch., 521 St. Clair av, Detroit, Mich.
- Wilce, John, stone, 223 16th Milwaukee, Wis.
- Wilco, T., Co., flooring, 2209 Throop, Chicago, Ill.
- Wilkes, J., Co., steel, 135 William, New York.
- Wilkes, Martin, Wilkes Co., coal tar, oils, lamp black, 135 William, New York.
- Wilcox, Bennett, Carburetor Co., 1030 Marshall, Minneapolis, Minn.
- Wilcox Bros. Lbr. Co., 930 Marshall, N. E., Minneapolis, Minn.
- Wilcox Bros. Mfg. Co., wood handles, Lebanon, Ind.
- Wilcox, C. S., contractor, Lansing, Mich.
- Wilcox, Crittenden & Co., marine & awning hardware & grey & malleable iron & brass castings, Middletown, Conn.
- Wilcox, D., Mfg. Co., hardware mfrs., Mechanicsburg, Pa.
- Wilcox, D. T., cornices & skylights, Fall River, Mass.
- Wilcox, Donahue, & Co., machsts., Westerly, R. I.
- Wilcox, E. A., Mfg. Co., gaskets, packing mfrs., 6330 Stony Island av, Chicago, Ill.
- Wilcox, F. Nelson, architect, Paul-Gale-Greenwood Bldg., Norfolk, Va.
- Wilcox Fertilizer Co., Mystic, Conn.
- Wilcox & Gibbs Sewing Mach. Co., 658 B'way, New York.
- Wilcox Glass Co., Kane, Pa.
- Wilcox, H. E., Motor Co., 1030 N. E. Marshall, Minneapolis, Minn.
- Wilcox Hardware & Iron Co., 406 N. Gay, Baltimore, Md.
- Wilcox, Jos., horn combs, Athol, Mass.
- Wilcox, M. I., Co., mill & factory supplies, 216 Water, Toledo, Ohio.
- Wilcox Mfg. Co., machsts., 4824 W. Lake, Chicago, Ill.
- Wilcox Shingle Co., lumber, Aberdeen, Wash.
- Wilcox Silver Plate Co., Meriden, Conn.
- Wilcox Stanley, masons' & bldrs.' matls., Jackson, Mich.
- Wilcox, Tom, Plumbing & Supply Co., heating contrs., Chattanooga, Tenn.
- Wilcox, W. R. B., architect, Boston blk., Seattle, Wash.
- Wilcox, W. W. Co., badges, cylinders, dies, 1735 Armitage av, Chicago, Ill.
- Wilcox & White Co., organs, pianos, Meriden, Conn.
- Wilcoxon & Brown, sash, door & blind, Frederick, Md.
- Wilcoxsen, C. F., cornices, Huntington, W. Va.
- Wild Bros. Hardware Co., Evergreen, Ala.
- Wild, Geo., architect, Johnstown, Pa.
- Wild, Jos., & Co., rugs & linoleums, 366 5th av, New York.
- Wild Rice Lbr. Co., Ada, Minn.
- Wilde, Samuel H., architect, Bay State Bldg., Lawrence, Mass.
- Wilde & Schmidt, stone, 21st W. of Marshall blvd, Chicago, Ill.
- Wilde, Wm., architect, 1725 B'way, Oakland, Cal.
- Wilde, Wm., fertilizer mfrs., Vineland, N. J.
- Wildell Lumber Co., Elkins, W. Va.
- Wilder, Chas., Co., thermometers, Troy, N. Y.
- Wilder, Chas. W., machsts., Fitchburg, Mass.
- Wilder & Co., boot counters, 228 W. Lake, Chicago, Ill.
- Wilder, D. R., Mfg. Co., canned goods, Atlanta, Ga.
- Wilder, E. D., & Co., lbr., Brazil, Ind.
- Wilder, E. T., architect, First Nat. Bk. Bldg., Kansas City, Mo.
- Wilder, H. H., & Co., cornices, Lowell, Mass.
- Wilder, J. E., lumber, Auburn, Wash.
- Wilder Mfg. Co., toys, games & nov., 17th & Clinton, St. Louis, Mo.
- Wilder Metal Coating & Mfg. Co., alu. coated nails, steel sheets & wire, Connellsville, Pa.
- Wilder-Pike Thermometer Co., Troy, N. Y.
- Wilder, S. A., & Son, sash, door & blind, Albion, Mich.
- Wilder Sidney & Co., mchsts. & fndrs., Holliston, Mass.
- Wilder-Strong Implement Co., Monroe, Mich.
- Wilder & White, architects, 50 Church, New York.
- Wildermith Bending Co., neck yokes, rims, wagon spokes, etc., Columbus, Ohio.
- Wilder's R. C. Sons Co., masons' & bldrs.' matls., Macon, Ga.
- Wildes, Thos., Son, metals, solder, 14 Dover, New York.
- Wildeson, L., & Son, contractors, Mansfield, Ohio.
- Wildhagen, Henry, architect, Ashland, Wis.
- Wildhagen, Herman, architect, Appleton, Wis.
- Wilde, John, Evaporated Milk Co., canned, Columbus, Ohio.
- Wildman, Aug., contractor, Harrisburg, Pa.
- Wildman Boiler Wks., 3026 Carroll av, Chicago, Ill.
- Wildman Mfg. Co., cutting machs. for fabrics, Norristown, Pa.
- Wile Electric Furnace Co., Liberty, 5th & Penn av (Jenkins Arcade), Pittsburgh, Pa.
- Wileman & Helbling, contractors, Ironton, Ohio.
- Wiles, A. M., & W. H., Co., mchsts. & fndrs., Grassy Point, N. Y.
- Wiles, H. A., contractor, Youngstown, Ohio.
- Wiley, C. A., Co., paint & varnish mfrs., Hancock, Long Island City, N. Y.
- Wiley & Co., chemists, 7 S. Gay, Baltimore, Md.
- Wiley, E. W., Jr., masons' & bldrs.' matls., Lecompte, La.
- Wiley Fertilizer Co., Troy, Ala.
- Wiley & Foss, contractors, Fitchburg, & Leominster, Mass.
- Wiley, I. H., Waxene Co., floor polish, 68 Dover, W. Boston, Mass.
- Wiley & Russell Mfg. Co. (See Greenfield Tap & Die Corporation), Greenfield, Mass.
- Wilfert, John, Co., valve mfrs., 258 B'way, New York.
- Wilfong, Millard F., Iron Wks. Co., annealing boxes & galvanizing kettles, 52d & Grays av, Philadelphia, Pa.
- Wilgus, Jno. M., architect, 102 E. State, Ithaca, N. Y.
- Wilgus Mfg. Co., pumping systems, Los Angeles, Cal.
- Wilhelm, A., Co., paint & varnish mfrs., Bern & 3d, Reading, Pa.
- Wilhelm, A. H., contractor, 180 Jessie, San Francisco, Cal.
- Wilhelm Bros., canned goods, Fincastle, Va.
- Wilhelm, H., elec. supplies, 70 Frost, Brooklyn, N. Y.
- Wilhelm, Henry, glue, 136 10th, Pittsburgh, Pa.
- Wilhelm, J. Frank, cornices, 1050 Myrtle av, Baltimore, Md.
- Wilhelm, Karl E., architect, Massillon, Ohio.
- Wilhelm Telephone Mfg. Co., Buffalo, N. Y.
- Wilhelmi, Otto J., architect, 406 Market, St. Louis, Mo.
- Wilhelm, F. L., architect, Fort Dodge, Ia.
- Wilhoit Refining Co., petroleum & its products, Springfield, Mo.
- Wilkins, Wm., Co., brush fibre, Frederick av & Wilkins, Baltimore, Md.
- Wilker, Edward F., architect, 1619 Locust, Toledo, Ohio.
- Wilkerson, O. L., masons' & bldrs.' matls., Sweet Water, Tex.



- Wilkes-Barre Iron Mfg. Co., machsts. & fndrs., mine car wheels, etc., Wilkes-Barre, Pa.
- Wilkes-Barre Masons' Supply Co., Wilkes-Barre, Pa.
- Wilkes-Barre Paint Co., Wilkes-Barre, Pa.
- Wilkesboro Mfg. Co., sashes, doors & blinds, N. Wilkesboro, N. C.
- Wilkin-Challoner Co., saw mill machy., Oshkosh, Wis.
- Wilkins, G. H., cutters, 57 W. Lake, Chicago, Ill.
- Wilkins-Leonard Hardware Co., Youngstown, Ohio.
- Wilkins Mfg. Co., textile machy. supplies, etc., Woonsocket, R. I.
- Wilkins, Munroe P., machsts. & fndrs., 125 Watts, New York.
- Wilkins Toy Co., Keene, N. H.
- Wilkins Trunk Mfg. Co., Dallas, Tex.
- Wilkins, W. G., Co., architects, Westinghouse Bldg., Pittsburgh, Pa., & Huntington, W. Va.
- Wilkinson, A. J., & Co., mill & facty. supplies, wholesale hdwe., 184 Washington, Boston, Mass.
- Wilkinson, A. L., & Co., masons' & bldrs.' matls., Bement, Ill.
- Wilkinson Co., elec. portables, 93 Underhill av, B'klyn, N. Y.
- Wilkinson, E. D., & Co., mill & facty. supplies, 48 Exchange pl, Providence, R. I.
- Wilkinson, G. A., canned goods, Nottingham, Pa.
- Wilkinson, Henry W., architect, 15 W. 38th, New York.
- Wilkinson, J. C., machst. & fndr., Shawnee, Okla.
- Wilkinson, J. H., masons' & bldrs.' matls., Roanoke, Va.
- Wilkinson, J. Lee, architect, 9 Ten Broeck, Albany, N. Y.
- Wilkinson, Jos. R., contractor, 3326 N. N. W., Washington, D. C.
- Wilkinson Machine Co., Savannah, Ga.
- Wilkinson Mfg. Co., ladders, Binghamton, N. Y.
- Wilkinson, Pomeroy, masons' & bldrs.' matls., Peru, Ind.
- Wilkinson, Seth, mach. wipers, Central Falls, R. I.
- Wilkinson, W. H., Co., oil lubricators, etc., West Medway, Mass.
- Wilkinsville Cotton Oil Co., meal, Wilkinsville, S. C.
- Wilkoff Co., scrap iron, Youngstown, Ohio.
- Wilkowski, Jos. A., architect, 2010 Milwaukee av, Chicago, Ill.
- Wilks, S., Mfg. Co., air receivers & heaters, 3517 Shields av, Chicago, Ill.
- Will & Baumer Co., candles, Syracuse, N. Y.
- Will & Kerr, masons' & bldrs.' matls., Shelby, Ohio.
- Will & Sixbury, canned goods, Cleveland, N. Y.
- Willamette Box & Lbr. Co., Linton, Portland, Ore.
- Willamette Casket Co., Tacoma, Wash.
- Willapa Harbor Fish Co., canned goods, So. Bend, Wash.
- Willapa Harbor Sand & Gravel Co., Raymond, Wash.
- Willapa Lodging & Timber Co., lumber, South Bend, Ind.
- Willapa Lumber Co., Raymond, Wash.
- Willard, Boggs & Co., contractors, Spartanburg, S. C.
- Willard-Brent Co., contractors, 412 W. 6th, Los Angeles, Cal.
- Willard, C. T., Co., brick, 110 E. 23d, New York.
- Willard Canning Co., Ogden, Utah.
- Willard, Chas. H., lbr., Townshend, Vt.
- Willard, Chas. P., & Co., machsts. & fndrs., Winthrop Harbor, Ill.
- Willard Mach. & Tool Co., Covington, Ky.
- Willard Mfg. Co., canvas aprons, etc., St. Albans, Vt.
- Willard Pen Co., Bayonne, N. J.
- Willard Sons & Bell Co., machsts., 3044 98th, Chicago, Ill.
- Willard Storage Battery Co., E. 131st & St. Clair, Cleveland, O.
- Willard, W. H., & Co., mill & facty. supplies, Worcester, Mass.
- Willard, Wm. G., machsts & fndrs. & steel range mfrs., 316 Chestnut, St. Louis, Mo.
- Willaredt, Geo., architect, 411 23d, West New York, N. J.
- Willatzen, Andrew, architect, Boston blk, Seattle, Wash.
- Willbarger, J. L., masons' & bldrs.' matls., Bastrop, Tex.
- Willbas, Gustaf, stone cutters' tools, Quincy, Mass.
- Willcomb, Geo., Co., tex. machy. (hair pickers), 28 E. 22d, New York.
- Willcox Engng. Co., 1525 Holland av, Saginaw, Mich.
- Willcox, Ives & Co., fertilizer mfrs., Savannah, Ga.
- Willcox-Ives Oil Co., wood spirits, Savannah, Ga.
- Willcutt, G. L., wood handles, Plainfield, Mass.
- Willcutt, L. D., & Sons Co., contractors, 146 Sumner, Boston, Mass.
- Willemin Mfg. Co. (Inc.), special machinery & tools, 181 Eddy, Providence, R. I.
- Willenbockel, L. A., architect, 509 Bay, Chippewa Falls, Wis.
- Willer Mfg. Co., weather strips & screens, 401 4th, Milwaukee, Wis.
- Willet Engine & Truck Co., 6 Lock, Buffalo, N. Y.
- Willetts Co., glass house clay supplies, 10th & Bradford, Pitts-
- Willet & Brown, brick, Bristol, Wis.
- Willet & Burr, contractors, Sheldon Bldg., San Francisco, Cal.
- Willet & Camp Co., contractors, Spokane, Wash.
- Willey, A. L., contractor, Binghamton, N. Y.
- Willey, C. L., lumber mfrs., 2558 S. Robey, Chicago, Ill.
- Willey Co., laundry machy., 1222 Race, Philadelphia, Pa.
- Willford Mfg. Co., mill & facty. supplies, 303 S. 3d, Minneapolis, Minn.
- William, A. C., Co., general hardware, Ravenna, Ohio.
- William, Charles A., architect, Jacobus, Pa.
- William, Harry, & Son, carriages, Ogontz, Pa.
- William & Moore, soap, Stockton, Cal.
- Williamette Iron & Steel Wks., Portland, Ore.
- Williamette Valley Lbr. Co., Dallas, Ore.
- Williams, A. G., & Co., sashes, doors & blinds, Taunton, Mass.
- Williams, A. S., & Co., masons' & bldrs.' matls., Bay City, Mich.
- Williams, Alex. O., lbr., 6th & Berks, Philadelphia, Pa.
- Williams-Anderson Mch. Co., 569 W. Vanburen, Chicago, Ill.
- Williams, Arthur A., Shoe Co., Holliston, Mass.
- Williams, Arthur H., & Son, contractors, 419 Locust, Phila., Pa.
- Williams, B. A. & G. N., stone, Walnut av & 133d, New York.
- Williams, B. B., turpentine, Leary, Ga.
- Williams, B. S., & Son, canned goods, Buchanan, Va.
- Williams-Bowman Rubber Co., packing mfrs., 1947 S. 54th av, Chicago, Ill.
- Williams Bridge Co., contrs., Syracuse, N. Y.
- Williams & Bridges Co., packing mfrs., Worcester, Mass.
- Williams Bros., architects, Kresge Bldg., Detroit, Mich.
- Williams Bros., flour mills, Limestone, Tenn.
- Williams Bros., lbr., Guy Mills, Pa.
- Williams Bros., agricultural implements, well drilling machy., Ithaca, N. Y.
- Williams Bros. Co., canned goods, Williams sq., Detroit, Mich.
- Williams Bros. Co., flour mill, Kent, Ohio.
- Williams Bros. & Henderson, contractors, Holbrook Bldg., San Francisco, Cal.
- Williams Bros. Mfg. Co., cutlery mfrs., Glastonbury, Conn.
- Williams, Brown & Earle, architects' & engrs.' instruments, 918 Chestnut, Philadelphia, Pa.
- Williams, C. A., lumber, Warwick, Mass.
- Williams, C. E., Brick Co., San Antonio, Tex.
- Williams, C. K., & Co., asbestine, Easton, Pa.
- Williams, C. M., contractor, Norwich, Conn.
- Williams, C. Milo, architect, Hennen Bldg., New Orleans, La.
- Williams, Carl H., architect, Land Title Bldg., Philadelphia, Pa.
- Williams, Chas., & Co., stone producers, Bigelow, N. Y.
- Williams, Chas. E., contractor, St. Joseph, Mich.
- Williams, Chas. F., architect, Long Bldg., Kansas City, Mo.
- Williams, Chas. F., & Co., stencils, 38 Chardon, Boston, Mass.
- Williams, Chas. I., architect, Reibold Annex, Dayton, Ohio.
- Williams, Chas. M., architect, Long Bldg., Kansas City, Mo.
- Williams Cliff Machine Co., Meridian, Miss.
- Williams & Co., Inc., ironed metal & nickel, 220-226 Penn av, Pittsburgh, Pa. *See adv index at end of book*
- Williams Construction Co., 900 W. Lake, Chicago, Ill.
- Williams Const. & Repairing Co., freight elev., 308 Clark, St. Louis, Mo.
- Williams Contractors Supply Co., Columbus, Ohio.
- Williams & Cullinan, htg. contrs., Yonkers, N. Y.
- Williams, D. A., Co., contractors, Tacoma, Wash.
- Williams, D. D., architect, 390 George, New Brunswick, N. J.
- Williams, D. L., architect, Chamber of Com. Bldg., Portland, Ore.
- Williams, D. T., Valve Co., Spring Grove av & Township, Cincinnati, Ohio.
- Williams, David J., stone, Perth Amboy, N. J.
- Williams Drop Forging Co., Scranton, Pa.
- Williams, E. A., & Son, bell fndrs., castings, etc., 109 Plymouth, Jersey City, N. J.
- Williams, E. H., Lumber Co., Fort Dodge, Iowa.
- Williams, E. I., x-ray app., Syracuse, N. Y.
- Williams, E. I., & Co., flour mills, Sanders, Ky.
- Williams, E. L., architect, Mount Sterling, Ky.
- Williams, E. Q., induction & spark coils, Syracuse, N. Y.
- Williams, E. S., contractor, Scranton, Pa.
- Williams, Edwin, flour mills, Aspen Hill, Tenn.
- Williams, Elwood, architect, 15 W. 38th, New York.
- Williams, F. B., Co., hdwe. mfrs., 507 E. 39th, Chicago, Ill.
- Williams, F. B., Cypress Co., Ltd., Paterson, La.
- Williams Fertilizer Co., Paris, Tex.
- Williams Foundry Co., Vineland, N. J.
- Williams Foundry & Machine Co. of Ohio, Akron, Ohio.
- Williams Fndry. & Mach. Wks., Cumberland, Md.
- Williams, Frank, contractor, 701 S. 58th, Philadelphia, Pa.
- Williams, Frank, C., flour mills, Easton, Pa.
- Williams, Franklin, valves, exhaust, heads, 39 Cortlandt, New York.
- Williams, Franklin D., contractor, Taunton, Mass.
- Williams & Freedman, scrap iron, Harrisburg, Pa.
- Williams, G., architect, Franklin, Tenn.
- Williams, G. H., Co., excavating buckets, Erie, Pa.
- Williams, G. M., Co., mill & facty. supplies, whol. hdwe., New London, Conn.
- Williams, G. N., canned goods, Cutler, Me.
- Williams Gauge Co., 543 4th av, Pittsburgh, Pa.
- Williams, Geo. A., & Son, wire cloth, steel wire mats, bank railings, 85 Fulton, New York.
- Williams, Geo. C., architect, Wytheville, Va.
- Williams Grove Brick Co., Philipsburg, Pa.
- Williams, H. A., architect, McKay Bldg., Portland, Me.
- Williams, H. A. (Est. of), wood handles, Hancock, N. Y.
- Williams, H. D., Cooperage Co., Leslie, Ark.
- Williams, H. H., contractor, Burlington, N. J.
- Williams, H. H., & Co., masons' & bldrs.' matls., Wauseon, Ohio.
- Williams, H. R., lbr. mfrs., Aloha, La.
- Williams, H. R., Mill Supply Co., 103 Mass Bldg., Kansas City, Mo.
- Williams Hardware Co., 100 2d av, Minneapolis, Minn., & Clarksburg, W. Va.
- Williams Hdwe. Co., whol. hdwe., masons' & bldrs.' & steam fitters' supplies, 401 E. Main, Streator, Ill.
- Williams, Henry M., machsts. & fndrs., Vincennes, Ind.
- Williams-Hester Marble Co., Ball Ground, Ga.
- Williams, Homer, lumber, Thomasville, Ga.



- Williams & Hunting Co., lbr. mfrs. & store fixtures, Cedar Rapids, Iowa.
- Williams, I. B., & Sons, packing mfrs., belts, straps, etc., Dover, N. H.
- Williams, Ichabod T., & Sons, veneer mfrs., 910 S. Michigan av, Chicago, Ill.
- Williams Improved Stretcher Co., Wheeling, W. Va.
- Williams, J. A., architect, New York Life Bldg., Kansas City, Mo.
- Williams, J. B., Co., soap, 200 5th av, New York.
- Williams, J. C., architect, New York Life Bldg., Kansas City, Mo.
- Williams, J. C. & B. F., turpentine, Angier, N. Car.
- Williams, J. C., Jr., architect, Moore Bldg., San Antonio, Tex.
- Williams, J. H., & Co., contractors, Newport News, Va.
- Williams, J. H., & Co., forgings, Richards, Brooklyn, N. Y.
- Williams, J. H., Co., mill & facty. supplies, Millbury, Mass.
- Williams, J. H., & Co., lbr., Commercial Trust Bldg., Phila., Pa.
- Williams, J. V., brick, Uniontown, Pa.
- Williams, Joel, contractor, 1305 N. Illinois, Indianapolis, Ind.
- Williams, John, architect, 97 Merrimack, New Bedford, Mass.
- Williams, Jno., Inc., machsts. & fndrs., 556 W. 27th, New York.
- Williams, John P., flour mills, Harrodsburg, Ky.
- Williams, Jno. T., & Son, chemicals, 100 Broadway, New York.
- Williams & Johnson, architects, Ogdensburg, N. Y.
- Williams, Jos. Co., soap, insecticides, etc., Sharpsburg, Pa.
- Williams, L. E., & Co., lbr. sash, door & blind mfrs., Salisbury, Md.
- Williams, L. T., & Sons, lbr., 11th av & 25th, New York.
- Williams & Little Co., contractors, 2046 E. 88th, Cleveland, O.
- Williams, Luke, bldg. contr., Auburn, N. Y.
- Williams Lumber Co., 6th & Hemlock, Denver, Colo.
- Williams Lumber Co., sashes, doors & blinds, Fayetteville, Tenn.
- Williams & McIntyre Co., brick, Marysville, Ohio.
- Williams, M. A., htg. contrs., Norfolk, Va.
- Williams Mfg. Co., agricultural implements, Macon, Ga.
- Williams Mfg. Co., baskets, Northampton, Mass.
- Williams Mfg. Co., metal polish, Westerville, Ohio.
- Williams Mfg. Co. (Ltd.), machsts., Plattsburg, N. Y.
- Williams & Marshall, wood handles, West Arlington, Vt.
- Williams, Miles & Bro., canned goods, Fruit Dale, Ind.
- Williams, N. A., Co., masons' & bldrs.' matls., 133 W. Washington, Chicago, Ill.
- Williams, N. W., Co., contractors, South Bend, Ind.
- Williams, O. B., Co., sash, door & blind mfrs., Seattle, Wash.
- Williams, Outland & Co., turpentine, Statesboro, Ga.
- Williams Oven Mfg. Co., 41 Park row, New York.
- Williams Patent Crusher & Pulverizer Co., 813 Montgomery, St. Louis, Mo.
- Williams Piano & Organ Co., 14 W. Washington, Chicago, Ill.
- Williams Pivot Sash Co., 1105 Bolivar, Cleveland, Ohio.
- Williams & Poore, cornices, tea urns, 22 Medford, Boston, Mass.
- Williams, R. A. & G. N., stone prod., Mill & Orchard, Astoria, L. I., N. Y.
- Williams, R. B., flour mills, Andersonville, Tenn.
- Williams, R. H., flour mills, Barber, Ark.
- Williams, R. J., Slate Co., roofing slate mfrs., Granville, N. Y.
- Williams, Richard, architect, 185 Church, New Haven, Conn.
- Williams, Robt. E., contractor, Iroquois Bldg., Buffalo, N. Y.
- Williams, Robert E., architect, 26 S. 3d, Harrisburg, Pa.
- Williams, Roger, htg. contr., 116 W. 23d, New York.
- Williams, S. A., Lumber Co., sashes, doors & blinds, Atlanta, Ga.
- Williams, S. C., & Co., cooperage stock, East Liverpool, Ohio.
- Williams, S. G., & Co., contractors, Norfolk, Va.
- Williams, S. W., fndrs., Elkhart, Ind.
- Williams & Scott, flour mills, Etoile, Ky.
- Williams State Co., Arvonio, Va.
- Williams Slate Roofing Co., Mutual Bldg., Richmond, Va.
- Williams Soap Co., 519 W. McCarthy, Indianapolis, Ind.
- Williams Steel Wheel & Rim Co., Utica, N. Y.
- Williams Stove Lining Co., Taunton, Mass.
- Williams T. E., Lumber & Mfg. Co., Springfield, Mo.
- Williams, T. H., architect, 207 Bleecker, Utica, N. Y.
- Williams Test Clamp Co., 1051 Power av, Cleveland, O.
- Williams, Thos. F., cornices, Bound Brook, N. J.
- Williams Tool Co., 12th & Liberty, Erie, Pa.
- Williams & Van Roden, lbr. mfrs., 1345 Arch, Philadelphia, Pa.
- Williams, W., & Co., dumb waiters, 312 E. 95th, New York.
- Williams, W. D., machst., Jasper & Willard, Phila., Pa.
- Williams, W. E., valves, 62 Front, New York.
- Williams, W. E., Co., lbr. mfrs., Traverse City, Mich.
- Williams, W. H., & Co., masons' & bldrs.' matls., 100 Penn, Pittsburgh, Pa.
- Williams, W. R., contractor, St. Petersburg, Fla.
- Williams, W. W., contractors' tools, Columbus, Ohio.
- Williams, W. Ward, architect, Magee Bldg., Pittsburgh, Pa.
- Williams, W. Z., Co., contractors, Macon, Ga.
- Williams Wagon Wks., carriages, Macon, Ga.
- Williams, Walter, architect, 303 5th av, New York.
- Williams-Wendt, flooring, 118 W. La Salle, Chicago, Ill.
- Williams, White & Co., furnaces, forging, punching & shearing & riveting machines, presses, etc., Moline, Ill.
- Williams, Wm., contractor, 86 Weybosset, Providence, R. I.
- Williams, Wm., mill & facty. supplies, 62 Front, New York.
- Williams, Wm. G., contractor, 352 Jackson, Milwaukee, Wis.
- Williams, William, Jr., hdwe. mfrs., New Britain, Conn.
- Williams & Williams, architects, Coeur D'Alene, Idaho.
- Williams & Williams, turpentine, Hurds, Fla.
- Williams, Williams, Jr., center & prick punches, New Haven, Conn.
- Williamsburg Brass Fdry., ferrules, 517 Park av, Bklyn, N. Y.
- Williamsburg Canning Co., Williamsburg, Ohio.
- Williamsburg Chemical Co., colors, 230 Morgan av, B'klyn, N. Y.
- Williamsburg Cork Wks., 50 Church, New York.
- Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.
- Williamsburg Knitting Mills, sweaters, cardigans, etc., 20 Bo-gart, Brooklyn, N. Y.
- Williamsburg Mfg. Co., tool sets, Williamsburg, Mass.
- Williamsburg Packing Co., canned goods, Williamsburg, Md.
- Williamsburg Plumbing Supply Co., 3 Moore, Brooklyn, N. Y.
- Williamson, Ben, & Co., whol. hdwe., Ashland, Ky.
- Williamson & Bridgeforth, cornices, Hampton, Va.
- Williamson Bros., Co., marine steering gears, Aramingo & Cum-berland, Phila., Pa.
- Williamson, C. F., masons' & bldrs.' matls., Media, Pa.
- Williamson, C. T., Wire Novelty Co., picture hooks, 68 Badger av, Newark, N. J.
- Williamson & Cassedy, mill & facty. supplies, 526 Market, Phila., Pa.
- Williamson & Co., turpentine, Woodville, Fla.
- Williamson, Crow & Proctor, architects, Gilbert blk, Grand Rap-ids, Mich.
- Williamson, D. D., & Co., boiler compounds, 86 Fulton, New York.
- Williamson Fndry. Co., Marburg av, Okly, Cincinnati, Ohio.
- Williamson, Frank & Co., masons' & bldrs.' matls., Avondale, Pa.
- Williamson, Geo. H., architect, Majestic Bldg., Denver, Colo.
- Williamson, H. M., canned goods, Nace, Va.
- Williamson Hardware Co., Bluffton, Ind.
- Williamson Heater Co., furnaces, etc., 339 W. 5th, Cincinnati, O.
- Williamson, J. A., & Co., canned goods, Springwood, Va.
- Williamson, J. E., & Co., stone producers, Paducah, Ky.
- Williamson, J. N., & Sons Co., cotton flannels, Burlington, N. C.
- Williamson-Kuny Mill & Lumber Co., Mound City, Ill.
- Williamson Pen Co., fountain pens, Janesville, Wis.
- Williamson, R., & Co., elec. & gas light fixtures, Washington & Jefferson, Chicago, Ill.
- Williamson, T. W., architect, 700 Kansas av, Topeka, Kans.
- Williamson Veneer Co., Baltimore & 8th, Baltimore, Md.
- Williamson, Wm. G., architect, 19 S. La Salle, Chicago, Ill.
- Williamsport Canning Co., Williamsport, Md.
- Williamsport Hardware & Stove Co., Williamsport, Pa.
- Williamsport Hardwood Lumber Co., Williamsport, Pa.
- Williamsport Iron & Nail Co., Williamsport, Pa.
- Williamsport Joint Fastener Co., Williamsport, Pa.
- Williamsport Mirror & Glass Co., Williamsport, Pa.
- Williamsport Planing Mill Co., Williamsport, Pa.
- Williamsport Radiator Co., Williamsport, Pa.
- Williamsport Staple Co., Williamsport, Pa.
- Williamsport Steam Co., htg. contrs., Williamsport, Pa.
- Williamsport Wire Rope Co., Williamsport, Pa.
- Williamstown Glass Co., bottles, jars, Williamstown, N. J.
- Williamsville Buff Mfg. Co., buffing wheels, Danielson, Conn.
- Willie, E. N., fertilizer, Louisville, Ga.
- Willig Bros., flour, Temple, Tex.
- Willimantic Lumber & Coal Co., masons' & bldrs.' matls., Wil-limantic, Conn.
- Willimantic Mach. Co., Willimantic, Conn.
- Willing, J. W., & Son, canned goods, Nanticoke, Md.
- Willingham Cotton Mills, Macon, Ga.
- Willingham, E. G., textile machy., Memphis, Tenn.
- Willingham Stone Co., marble, Healey Bldg., Atlanta, Ga.
- Willingham Tift Lumber Co., Atlanta, Ga.
- Willingham's, E. G., Sons, automobile bldrs., sash, door & blind mfrs., Atlanta, Ga.
- Willingham's Warehouse, Macon, Ga.
- Willis, B. F., architect, York, Pa.
- Willis, Bixby, architect, New York Life Bldg., Kansas City, Mo.
- Willis, C. J., toasters, Ann Arbor, Mich.
- Willis, C. W., contractor, Pensacola, Fla.
- Willis Carriage Wks., Ironton, Ohio.
- Willis Co., smoking pipes, 76 Pilling, Brooklyn, N. Y.
- Willis, E. J., Co., horns, 85 Chambers, New York.
- Willis, F. C., mill & facty. supplies, 565 Washington blvd, Chi-cago, Ill.
- Willis, H. J., masons' & bldrs.' matls., Winona, Minn.
- Willis, J. T., architect, Jackson, Minn.
- Willis, Jno. A., engines, Columbia, S. C.
- Willis, Lloyd D., architect, City Nat. Bk. Bldg., Omaha, Neb.
- Willis Mfg. Co., skylight and ventilator combined, Galesburg, Ill.
- Willis & Sons, Co., cornices, Moline, Ill.
- Willis, W. D., architect, Pensacola, Fla.
- Willis, Wm. V., & Co., instruments, 134 S. 11th, Phila., Pa.
- Willisroft, Geo. R., machst. & fndr., Phoenix, Ariz.
- Willison, J. M., brick cutting wires, East Liverpool, Ohio.
- Willison, Robert, architect, E. & C. Bldg., Denver, Colo.
- Williss & Rumery Co., bldg. contrs., Portland, Me.
- Williston, Chas. H., contractor, 171 Pleasant, Fall River, Mass.
- Williston Mill Co., flour, Williston, N. D.
- Willman Lbr. Co., Hartford City, Ind.
- Willmar Milling Co., feed, Willmar, Minn.
- Willmont Oil Mills, meal, Pelzer, S. C.
- Willms, Chas., Surgical Instrument Co., 300 N. Howard, Balti-more, Md.
- Willoughby, Chas. H., architect, 424 4th av, Pittsburgh, Pa.



- Willoughby Co., auto metal bodies, Utica, N. Y.  
 Willow Furniture Co., 625 W. 42d, New York.  
 Willow Grass Rug Co., grass matting, Green Bay, Wis.  
 Willow Grove Milling Co., flour, Willow Grove, Tenn.  
 Willow Spring Distillery Co., Coon Hollow, Ky., & Omaha, Neb.  
 Wills, A. V., & Sons, contractors, Pittsfield, Ill.  
 Wills Brook Dist. Co., Ellerslie, Md.  
 Wills, Chas. T., Inc., contractor, 286 5th av, New York.  
 Wills, F. K., dock bldrs., Wilmington, Del.  
 Wills, Geo. B. & Co., contractors, 101 Park av, New York.  
 Wills, Geo. W., machinist, Dover, Ohio.  
 Wills, Ludwick, & Co., contractors, 34 S. 17th, Philadelphia, Pa.  
 Wills Mfg. Co., tank & stock heaters, plow coulters, etc., Mendota, Ill.  
 Wills Point Cotton Oil Co., fertilizer mfrs., meal, Wills Point, Tex.  
 Wills, W. L. & C. C., canned goods, Troutville, Va.  
 Wills, Walter B., architect, 1181 Myrtle av, Brooklyn, N. Y.  
 Willsden, S. Blake, shears & scissors, Heyworth Bldg., Chicago, Ill.  
 Willsea Wks., machsts. & fndrs., Rochester, N. Y.  
 Willshire Milling Co., wheat flour, Willshire, Ohio.  
 Willson, A. H., canned goods, Vineland, N. J.  
 Willson Bros. Lumber Co., Oliver Bldg., Pittsburgh, Pa.  
 Willson, Fred. F. & Co., architects, Bozeman, Mont.  
 Willson, H. J., cornices, Everett, Wash.  
 Willson, T. A., & Co., optical goods mfrs., Reading, Pa.  
 Willsons Fireworks Co., 146 Davis, San Francisco, Cal.  
 Willy & Co., buckwheat, rye & wheat flour, Appleton, Wis.  
 Willys-Overland Co., automobile bldrs., Toledo, Ohio.  
 Wilmanns, August C., architect, 35 S. Dearborn, Chicago, Ill.  
 Wilmarth-Mackillop, contractors, Pawtucket, R. I.  
 Wilmarth & Morman Co., drill grinders, 1187 Monroe av, Grand Rapids, Mich.  
 Wilmarth Show Case Co., Grand Rapids, Mich.  
 Wilmarth, T. W., Co., elec. light fix. mfrs., 324 W. Superior, Chicago, Ill.  
 Wilmarth, W. D., & Co., hdwe. mfrs., Attleboro, Mass.  
 Wilmarth & Zerbe, architects, Salina, Kans.  
 Wilmer, Samuel S., contractor, 3211 Comly Wissng, Phila., Pa.  
 Wilmington Brick Co., Wilmington, Del.  
 Wilmington & Co., trunks, Toledo, Ohio.  
 Wilmington Electroplating Co., cold process galvanizing, 3101 Market, Wilmington, Del.  
 Wilmington Fibre Specialty Co., Wilmington, Del.  
*See adv index at end of book*  
 Wilmington Iron Wks., machsts. & fndrs., Wilmington, N. C.  
 Wilmington Malleable Iron Wks. of Eastern Malleable Iron Co., castings, rail braces & joints, etc., Wilmington, Del.  
 Wilmington Oil Refining Co., cotton softeners, 407 E. 13th, Wilmington, Del.  
 Wilmington Sash & Door Co., Macon, Ga., & Front & Madison, Wilmington, Del.  
 Wilmot Engng. Co., chains, machy., etc., Hazleton, Pa.  
 Wilmot Oil Mills, cottonseed meal, Wilmot, Ark.  
 Wilna Mach. Co., Carthage, N. Y.  
 Wilsdorf, M. A., cornices, 213 St. George, St. Louis, Mo.  
 Wilsey, Chas. D., architect, S. A. & K. Bldg., Syracuse, N. Y.  
 Wilsey & Shaffer Mfg. Co., oars, boats, Vicksburg, Miss.  
 Wilson, A. A., contractor, Ashland, Ky.  
 Wilson, A. B., Co., junction boxes & shade holders, Leader News Bldg., Cleveland, Ohio.  
 Wilson, A. F., granite producers, Fitzwilliam Depot, N. H.  
 Wilson, A. H., canned goods, Aberdeen, Md.  
 Wilson, A. & S., Co., contractors, 541 3d av, Pittsburgh, Pa.  
 Wilson & Adams Co., masons' & bldrs.' matls., Mount Vernon, N. Y.  
 Wilson, Andrew, Co., steel factory equipment mfrs., 616 Essex, Lawrence, Mass. *See adv index at end of book*  
 Wilson & Bennett Mfg. Co., steel shipping barrels, 58th av & W. 66th, Chicago, Ill.  
 Wilson & Biggs, poles & cross ties, Greenup, Ky.  
 Wilson Brick Co., Wilson, Conn.  
 Wilson Brick & Tile Co., Keenan Bldg., Pittsburgh, Pa.  
 Wilson Bros., agric'l implements, bone, shell & grain mills, E. Delaware, Easton, Pa. *See adv index at end of book*  
 Wilson Bros., machsts., Hoboken, N. J.  
 Wilson Bros. & Co., sashes, doors & blinds, 325 Berry, San Francisco, Cal.  
 Wilson, C. D., architect, Mutual Life Bldg., Seattle, Wash.  
 Wilson, C. E., & Son, contractors, Barnesville, Ohio.  
 Wilson, C. L., architect, Electric Bldg., Butte, Mont.  
 Wilson, C. R., Body Co., Clay av & D. G. H. & M. R. R., Detroit, Mich.  
 Wilson, C. W., & Co., lbr. mfrs., ft. Kent, Brooklyn, N. Y.  
 Wilson Canning Co., Hebron, Md., & Mexico, N. Y.  
 Wilson, Carl C., contractor, Coraopolis, Pa.  
 Wilson, Chas. T., crude rubber, 56 Wall, New York.  
 Wilson Chemical Co., Tyrone, Pa.  
 Wilson, Clarence D., architect, Long Branch, N. J.  
 Wilson & Cochran, lumber, Lottie, La.  
 Wilson & Co., canned goods, meat packers, etc., U. S. Yards, Chicago, Ill.  
 Wilson & Co., trolley catchers, 430 Kent av, Brooklyn, N. Y.  
 Wilson Cypress Co., lumber, Palatka, Fla.  
 Wilson, D. L., flour mills, Moorefield, W. Va.  
 Wilson, Dexter E., architect, Malden, Mass.  
 Wilson Dist. Co., 303 5th av, New York.  
 Wilson, E. A., & Co., masons' & bldrs.' matls., Lowell, Mass.  
 Wilson, F. Allen, architect, 1208 Chestnut, Philadelphia, Pa.  
 Wilson, E. H., & Co., second-hand railroad equipments, Commercial Trust Bldg., Philadelphia, Pa.  
 Wilson, E. L., Hardware Co., Beaumont, Tex.  
 Wilson & Eaton Co., masons' & bldrs.' matls., Amenia, N. Y.  
 Wilson, Edward I., architect, 101 Tremont, Boston, Mass.  
 Wilson, Elwood J., metallurgical engrs., Goldfield, Nev.  
 Wilson Engineering & Contr. Co., Xenia, Ohio.  
 Wilson, Eyre & McIlvain, architects, 1003 Spruce, Phila., Pa.  
 Wilson, F., architect, Jamestown, N. Y.  
 Wilson, F. Cortez, Co., gasoline tanks, etc., 323 W. Lake, Chicago, Ill.  
 Wilson Fdry. & Machine Co., grey iron castings, Pontiac, Mich.  
 Wilson, Francis M., & Co., fertilizer mfrs., Pocomoke, Md.  
 Wilson, Francis W., architect, Santa Barbara, Cal.  
 Wilson, G. E., canned goods, Roanoke, Va.  
 Wilson & Gardner Co., masons' & bldrs.' matls., 5541 Lean, Germantown, Philadelphia, Pa.  
 Wilson, Geo., cornices & skylights, Denver, Colo.  
 Wilson, Geo. E., architect, Ogdensburg, N. Y.  
 Wilson, Geo. W., htg. contrs., 612 Myrtle av, Brooklyn, N. Y.  
 Wilson, H. Neill, architect, 24 North, Pittsfield, Mass.  
 Wilson, H. P. & H. F., bale ties, 542 W. 22d, New York.  
 Wilson, H. R., Machy. Co., New Bank of Commerce Bldg., St. Louis, Mo.  
 Wilson, H. S., masons' & bldrs.' matls., Cleburne, Tex.  
 Wilson Hdwe. Co., Boulder, Colo., & 3d & Shipley, Wilmington, Del.  
 Wilson, Henry L., architect, 608 S. B'way, Los Angeles, Cal.  
 Wilson, Horatio R., & Co., architects, 104 S. Michigan av, Chicago, Ill.  
 Wilson-Hurd Co., bag holders, fly killers, Wausau, Wis.  
 Wilson Instrument & Spec. Co., Passaic, N. J.  
 Wilson, J. (Est. of), machsts. & fndrs., Easton, Pa.  
 Wilson, J. Appleton, architect, Law Bldg., Baltimore, Md.  
 Wilson, J. B., & Co., sashes, doors & blinds, Sherman, Tex.  
 Wilson, J. C., archl. iron, Watertown, N. Y.  
 Wilson, J. C., Co., automobile bldrs., 15th & Warren, Detroit, Mich.  
 Wilson, J. D., contractor, Newburgh, N. Y.  
 Wilson, J. E., Jr., Logan, Utah.  
 Wilson, J. Frank, carriages, Wilkes-Barre, Pa.  
 Wilson, J. G., Corp., blinds & shutters, 8 W. 40th, New York.  
 Wilson, J. H., Saddlery Co., Denver, Colo.  
 Wilson, J. Will, architect, Palmer Bldg., Detroit, Mich.  
 Wilson & James, machs. & fndrs., Darlington, S. C.  
 Wilson, Jas., & Co., mill & facty. supplies, Stamford, Conn.  
 Wilson, Jas. G., Mfg. Co., sash, door & blind mfrs., 332 S. Michigan av, Chicago, Ill.  
 Wilson, Jas. H., masons' & bldrs.' matls., Fall River, Mass.  
 Wilson, Jas. T., & Co., canned goods, Delmar, Del.  
 Wilson, John, contractor, Alliance, Ohio.  
 Wilson, John, masons' & bldrs.' matls., Hebron, Ind.  
 Wilson, John F., contractor, Springfield, Ill.  
 Wilson, John G., architect, Yeon Bldg., Portland, Ore.  
 Wilson, John L., architect, Ashtabula, Ohio.  
 Wilson, John T. (Est. of), sash, door & blind mfrs., Jamestown, N. Y.  
 Wilson, John T., Co., contractor & bldr., Mutual Bldg., Richmond, Va.  
 Wilson-Jones Loose Leaf Co., loose leaf devices, 3020 Carroll av, Chicago, Ill.  
 Wilson, L. H., architect, 10 W. 4th, Cincinnati, Ohio.  
 Wilson, Lee, & Co., lumber mfrs., Wilson, Ark.  
 Wilson, Louis H., architect, 10 W. 4th, Newport, Ky.  
 Wilson, Ludwig, Brush & Supply Co., janitors' supplies, 455 S. Clark, Chicago, Ill.  
 Wilson Lumber & Box Co., Tonawanda, N. Y.  
 Wilson Lbr. & Milling Co., Lenoir, N. C.  
 Wilson, Lydell L., lbr. mfrs., Randolph, N. Y.  
 Wilson, M. H., & Co., contractors, Washington, Ind.  
 Wilson-Maehlen Co., quartz, pyrometers, Silico, etc., 781 E. 142d, New York.  
 Wilson Mfg. Co., carpet beaters, Niles, Ohio.  
 Wilson Mfg. Co., metal polish, Cleveland, Ohio.  
 Wilson & Merrick, canned goods, Ingleside, Md.  
 Wilson Milling Co., flour, Greensburg, Ky.  
 Wilson & Morrow, brick, Barnes City, Ia.  
 Wilson, O. C., & K. R., mill & facty. supplies, 78 Dey, New York.  
 Wilson, O. G., & Co., masons' & bldrs.' matls., St. Paul, Minn.  
 Wilson, O. J., machst. & fndr., Salem, Ore.  
 Wilson & Piri, architects, Wash. Ln. & Ter. Bldg., Wash., D. C.  
 Wilson Provision Co., meat packers, Peoria, Ill.  
 Wilson & Pugh, mill & facty. supplies—whol. hdwe., Cumberland, Md.  
 Wilson, R. F., & Co., contractors, 154 W. Randolph, Chicago, Ill.  
 Wilson, Robt. P., balata, springs, etc., 320 Market, Newark, N. J.  
 Wilson, Robert S., lumber mfrs., Seattle, Wash.  
 Wilson, Robt., & Son, archl. iron, New Haven, Conn.  
 Wilson, Rowland S., natural gas burners, 14 Wood, Pittsburgh, Pa.  
 Wilson, Samuel, knitted gloves, Needham Heights, Mass.  
 Wilson, Samuel A., masons' & bldrs.' matls., Newburgh, N. Y.  
 Wilson Sand & Supply Co., Huntington, W. Va.  
 Wilson & Silsby, yacht sails, Rowe's Wharf, Boston, Mass.



- Wilson-Snyder Centrifugal Pump Co., 2 Ross, Pittsburgh, Pa.  
 Wilson-Snyder Mfg. Co., machsts. & fndrs., Pittsburgh, Pa.  
 Wilson & Sompayrac, architects, Columbia, S. C.  
 Wilson & Son, J. H., ties, poles & posts, McLeansboro, Ill.  
 Wilson Steam Boiler Co., Omaha, Neb.  
 Wilson Steel Products Co., 49th & Western av, Chicago, Ill.  
 Wilson, Stewart, contractor, Fargo, N. D.  
 Wilson Stove & Mfg. Co., fndrs., Easton, Pa.  
 Wilson Stove & Mfg. Co., Valley Park, Mo.  
 Wilson, T. F., & Son, contractors, Brookville, Ind.  
 Wilson Tire & Rubber Co., Springfield, Ill.  
 Wilson & Tomlinson, contractors, 220 Devonshire, Boston, Mass.  
 Wilson & Toomer Fertilizer Co., Jacksonville, Fla.  
 Wilson & Visscher, architects, 299 Madison av, New York.  
 Wilson, W. A., contractor, Mass. Bldg., Kansas City, Mo.  
 Wilson, W. A., Machine Co., planers, etc., 217 N. Water, Rochester, N. Y.  
 Wilson, W. A., & Sons, masons' & bldrs.' matls., 1409 Main, Wheeling, W. Va.  
 Wilson, W. D., Printing Ink Co., 17 Spruce, New York.  
 Wilson, W. E., Lumber Co., Fort Recovery, Ohio.  
 Wilson, W. J., spokes—wagon & carriage, Woodville, Tenn.  
 Wilson, W., Lbr. Co., masons' & bldrs.' matls., La Porte, Ind.  
 Wilson, W. R., & Son, contrs., Odd-Fellows' Bldg., St. Louis, Mo.  
 Wilson & Wilk Co., elec. light fix. mfrs., 1540 Milwaukee av, Chicago, Ill.  
 Wilson & Willard Co., oil well pumps, Los Angeles, Cal.  
 Wilson Wood & Lumber Co., Norfolk, Va.  
 Wilson-Wrape, W. W., Stave Co., cooperage stock, Little Rock, Ark.  
 Wilson, Wyle T., mailing tubes, paper drinking cups, etc., 1151 N. 3d, Philadelphia, Pa.  
 Wilt, C. H., common brick, Ogden Center, Mich.  
 Wilt, Chas. T., traveling bags, 221 W. Madison, Chicago, Ill.  
 Wiltbonco Mfg. Co., gauges, regulators, etc., 24 Porter, Boston, Mass.  
 Wilton Hardware Co., Harrisburg, Va.  
 Wilton Mfg. Co., cocks, Wrightsville, Pa.  
 Wilts Veneer Co., Richmond, Va.  
 Wimberly & Thomas Hardware Co., Birmingham, Ala.  
 Wimbrow Bros., canned goods, Whaleyville, Md.  
 Wimmer Contracting Co., Victoria Bldg., St. Louis, Mo.  
 Winamac Construction Co., Winamac, Ind.  
 Winans Fruit & Canning Co., Diggins, Mo.  
 Winans Mach. Co., hand vacuum cleaners, Binghamton, N. Y.  
 Winant Cooperage Co., 90 West, New York.  
 Winbigger, Cecil M., architect, The Cairo, Washington, D. C.  
 Winborne & Co., fertilizer mfrs., Norfolk, Va.  
 Winborne, P. J., architect, Suffolk, Va.  
 Winchell, John, architect, Pittsfield, Mass.  
 Winchester & Daniels, cedar shingles, Grand Rapids, Mich.  
 Winchester Lumber Co., Winchester, Ohio.  
 Winchester Mach. Wks., Winchester, Ind.  
 Winchester Milling Co., flour, Winchester, Tenn.  
 Winchester Packing Co., meat, Hutchinson, Kas.  
 Winchester Repeating Arms Co., machsts., New Haven, Conn.  
 Winchester Stone Co., 535 Albany, Boston, Mass.  
 Winconsin Machy. & Mfg. Co., 51st & Burham, Milwaukee, Wis.  
 Winconsin Malleable Iron Wks., S. Bay, Milwaukee, Wis.  
 Wincroft Stove Wks., Middletown, Pa.  
 Wind, Jacob, Jr., architect, 208 Broad, Elizabeth, N. J.  
 Windan Tool Co., 1318 Addison rd, Cleveland, Ohio.  
 Winder Oil Mill Co., Winder, Ga.  
 Windfall Mfg. Co., brick, Windfall, Ind.  
 Windham Bros. Construction Co., Alabama Penny Bk. Bldg., Birmingham, Ala.  
 Windham Handle Co., South Windham, Conn.  
 Windholz, Charles A., canned goods, Syracuse, N. Y.  
 Windhorst & Co., gasoline lighting systems, 205 N. 12th, St. Louis, Mo.  
 Winding & Gezelschap, asphalt paving contrs., Pabst Bldg., Milwaukee, Wis.  
 Windle, J. E., textile machy., Worcester, Mass.  
 Windmuller, L., & Roelker, varnish gums, 20 Reade, New York.  
 Window Cleaners' Improved Belt & Device Co., 62 W. Wash'n, Chicago, Ill.  
 Windowphanie Co., stained glass substitutes, 19 E. 14th, New York.  
 Windrim, Jno. T., architect, Commonwealth Bldg., Phila., Pa.  
 Windsor, A., contractor, Sante Fe, N. M.  
 Windsor Brick Co., Akron, O.  
 Windsor Cement Co., 446 Albany, Boston, Mass.  
 Windsor Cove Packing Co., canned goods, Jestersville, Md.  
 Windsor Green Granite Co., Windsor, Vt. & Worcester, Mass.  
 Windsor Locks Machine Co., Windsor Locks, Conn.  
 Windsor Mach. Co., steam separators, Windsor, Vt.  
 Windsor Mfg. Co., brass fndrs., 570 Clinton, Milwaukee, Wis.  
 Windsor Mfg. Co., brooms, Windsor, Mo.  
 Windsor Soap Co., 963 William, Buffalo, N. Y.  
 Windy Hill Packing Co., cannery, Easton, Md.  
 Wine Railway Appliance Co., Toledo, Ohio.  
 Winebrenner, D. E., Co., canned goods, Hanover, Pa.  
 Winegar, R. J., contractor, 1020 E. 11th S., Salt Lake City, Utah.  
 Wineke-Arey Co., gin distillers, Eastern av & 16th, Baltimore, Md.  
 Winelander & Jackson, tubing, 29 Rodney, B'klyn, N. Y.  
 Winer, Sam'l, & Co., scrap iron, Elkhart, Ind.  
 Winfield Bros., & Co., stone producers, Beach City, Ohio.  
 Winfield Elec. Welding Mach. Co., Warren, Ohio.  
 Winfield Mfg. Co., mail boxes, machsts, etc., Warren, Ohio.  
 Winfield Pottery Co., Winfield, Tex.  
 Winfield Sand Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.  
 Winfield Sand & Mineral Co., 2d Nat'l Bk. Bldg., Pittsburgh, Pa.  
 Winfrey Stave & Lbr. Co., Somerset, Ky.  
 Wing & Botteron, architects, Pixley-Long Bldg., Fort Wayne, Ind.  
 Wing, Chas., Co., auto. mountings, small springs, Amesbury, Mass.  
 Wing, Chauncey, machst. & fndr., Greenfield, Mass.  
 Wing-Engel Box Co., Old Town, Me.  
 Wing & Evans, chemicals—soda ash, alkali, etc., 22 William, New York.  
 Wing, J. T., & Co., mill & facty. supplies, 19 Woodward av, Detroit, Mich.  
 Wing, L. J., Mfg. Co., blowers, regulators, pumps, fans, 352 W. 13th, New York.  
 Wing, Mitchell, & Co., soap, 113 Broad, Boston, Mass.  
 Wing, Robt. B., & Son, mill & facty. supplies, Albany, N. Y.  
 Wing, S., & Co., cameras, Charleston, Boston, Mass.  
 Wing & Son, pianos, 352 W. 13th, New York.  
 Wing, Thos. W., architect, 115 S. Dearborn, Chicago, Ill.  
 Wing, Wing Gloss, Co., starch, 154 Maiden la, New York.  
 Wingate, Frank S., masons' bldrs.' matls., Hallowell, Me.  
 Wingender, Chas., & Bros., potteries, Haddonfield, N. J.  
 Winger-Blume Mfg. Co., clothes washing machines, Wolcott, Ind.  
 Winger Foundry & Furnace Co., Montpelier, Ohio.  
 Wingfield, Nimrod T., architect, Charlottesville, Va.  
 Wingrane & MacNaughton Co., elec. light fix mfrs., 117 N. Wabash av, Chicago, Ill.  
 Wingren, Chas. O., machinist, Pasadena, Cal.  
 Winkel, Benno J., architect, 64 W. Randolph, Chicago, Ill.  
 Winkelman, Louis, & Co., forgings, dies, etc., 213 Lawrence, Cincinnati, Ohio.  
 Winking, Geo., cornices, Quincy, Ill.  
 Winkle Terra Cotta Co., Century Bldg., St. Louis, Mo.  
 Winklebeck & Waters, lbr. mfrs., Hartford City, Ind.  
 Winkler, Geo., architect, Tulsa, Okla.  
 Winkler-Grimm Corp., mfrs. of wagons & auto bodies, So. Bend, Ind.  
 Winkler, Ignatz, & Co., stone producers, 2616 S. Sacramento av, Chicago, Ill.  
 Winkler Iron Co., 66 Vestry, New York.  
 Winkler, Isaac, & Bro., chemicals, 1st Nat'l Bk. Bldg., Cincinnati, Ohio.  
 Winkler & Reichmann, signals & telephone, 5 S. Wabash av, Chicago, Ill.  
 Winkler, W. E., sashes, doors & blinds, Butler, Ohio.  
 Winkley Co., carburetors, oil cup lbrs., oil hole covers & cups, Detroit, Mich.  
 Winland, W. D., flour mills, Elizabeth, W. Va.  
 Winn, E. L. Const. Co., contrs., 12 15th, Kansas City, Mo.  
 Winn, J. H., Sons, clock hands, Winchester, Mass.  
 Winn, John D., architect, Law Bldg., Norfolk, Va.  
 Winn, Wm. R., lubrg. oils & greases, paints, etc., 143 Maiden la, New York.  
 Winne, F. W., & Son, cordage & twine, packing mfrs., 237 Market, Philadelphia, Pa.  
 Winne, Howard B., mill & facty. supplies, 714 W. Jackson blvd., Chicago, Ill.  
 Winne, L. S., & Co., whol. hdwe., Kingston, N. Y.  
 Winne & McKain Co., masons' & bldrs.' matls., Schenectady, N. Y.  
 Winnebago Furniture Mfg. Co., Fond Du Lac, Wis.  
 Winneberger, Geo., & Son, desk mfrs., 252 S. 3rd, Phila., Pa.  
 Winneconne Lumber Co., Oshkosh, Wis.  
 Winnfield Brick Co., Winnfield, La.  
 Winnsboro Cotton Oil Co., meal, Winnsboro, Tex.  
 Winnsboro Granite Corp., Charleston Rion, S. C.  
 Winona Boiler Co., Winona, Minn.  
 Winona Carriage Co., Winona, Minn.  
 Winona Casket Co., Winona, Minn.  
 Winona Cotton Mills, Winona, Miss.  
 Winona Gas Light & Coke Co., Winona, Minn.  
 Winona Htg. & Ventg. Co., Winona, Minn.  
 Winona Machine & Boat Wks., Winona, Minn.  
 Winona Machine & Fdry. Co., Winona, Minn.  
 Winona Motor Co., Winona, Minn.  
 Winona Oil & Mfg. Co., Winona, Miss.  
 Winona Packing & Soap Co., Winona, Minn.  
 Winona Technical Institute, engng. schools & coll., Indianapolis, Ind.  
 Winona Wagon Co., Winona, Minn.  
 Winorr Canning Co., Circleville, Ohio.  
 Winship, W. W., baskets, trunks, 71 Summer, Boston, Mass.  
 Winship, W. W., & Sons Co., trunk mfrs., Utica, N. Y.  
 Winslow Bros. Co., machsts. & fndrs.—iron & bronze works & window frames, 4600 W. Harrison, Chicago, Ill.  
 Winslow, C. M., architect, 1025 4th, San Diego, Cal.  
 Winslow & Co., brick, Portland, Me.  
 Winslow, Edw. L., stone prod., Kalamazoo, Mich.  
 Winslow Glass Co., milk jars & bottles, Columbus, Ohio.  
 Winslow Government Standard Scale Wks., Terre Haute, Ind.



- Winslow, Harold E., architect, Grand Forks, N. D.  
 Winslow, J. A., & Son, cornices & skylights, Bath, Me.  
 Winslow Lubricating Co., 608 Swan, Buffalo, N. Y.  
 Winslow Lumber Co., Orin, Wash.  
 Winslow Marine Ry. & Shipbuilding Co., Seattle, Wash.  
 Winslow, Sam'l, Skate Mfg. Co., Worcester, Mass.  
 Winsor & Jerauld Mfg. Co., machsts., 223 Harrison, Providence, R. I.  
 Winsted Edge Tool Wks., machsts. & fndrs., Winsted, Conn.  
 Winsted Mfg. Co., machsts. & fndrs., Winsted, Conn.  
 Winsted Silk Co., thread, Winsted, Conn.  
 Winston Bros. Co., contractors, Globe Bldg., Minneapolis, Minn.  
 Winston & Co., contrs., Amer. Nat. Bk. Bldg., Richmond, Va.  
 Winston-Dear Co., contractors, Hibbing, Minn.  
 Winston, Miller & Clack, lumber—wholesale, Richmond, Va.  
 Winston, Thos. H., brick, Covington, Ky.  
 Winston Vehicle Co., Winston-Salem, N. C.  
 Winstone, Geo. C., & Son, contractors, Schenectady, N. Y.  
 Wint, F. W., Co. (Ltd.), sash, door & blind, Catasauqua, Pa.  
 Winter Bros., brick, Wadsworth, Ill.  
 Winter Bros. Co., machsts. & fndrs., Wrentham, Mass.  
 Winter Co., bk. office & store fix., Sheboygan, Wis.  
 Winter & Co., pianos, S. blvd & 137th, New York.  
 Winter, F. W., & Co., windmills, Fairbault, Minn.  
 Winter, Frank, Hardware Co., Lancaster, Ohio.  
 Winter, Frank W., lbr., Auburn, Me.  
 Winter, Frederick E., architect, 270 Main, New Rochelle, N. Y.  
 Winter, G. C., mill & facty. supplies.—masons' & bldrs.' matls., Southbridge, Mass.  
 Winter, H. B., architect, Manhattan, Kans.  
 Winter, H. E., changeable bldg. directories, Davenport, Ia.  
 Winter, H. L., Mfg. Co., sash, door & blind mfrs., Alton, Ill.  
 Winter, H. W., harness, saddles, etc., Norfolk, Neb.  
 Winter, Jacob, Co., cornices, 712 Lex. av, New York.  
 Winter, Louis F., machsts., 420 W. 27th, New York.  
 Winter, R. G., Mfg. Co., hdwe. mfrs., 2102 Vliet, Milwaukee, Wis.  
 Winter, Son, & Co., aluminum, tin, ingots, etc., 64 Wall, New York.  
 Winter, Wm. F., bldg. contr., 1025 2d, Milwaukee, Wis.  
 Winterbottom, Carter & Co., handles, bone, Egg Harbor City, N. J.  
 Winterbourne, S., & Co., varnish, oils, etc., 94 Pine, New York.  
 Winterer, Herman L., machy. dealer, 908 Beach, Phila., Pa.  
 Winternitz, Albert, contractor, 103 Park av, New York.  
 Winterroth & Co., pianos, 105 E. 14th, New York.  
 Winterrowd, Thos. A., architect, Am. Central Life Bldg., Indianapolis, Ind.  
 Winters Canning Co., Winters, Cal.  
 Winters, Edwin, stone producers, McKeesport, Pa.  
 Winters, H. E., signs, Davenport, Ia.  
 Winters, Henry T., & Son, contractors, Waterville, Me.  
 Winters, J. H., & Son, flour mills, Adams, Tenn.  
 Winters, J. S., contractor, 20th & Elm, Portland, Ore.  
 Winters Lumber Co., Elwood, Ind.  
 Winters, Mercer & Brannum Lbr. Co., Anderson, Ind.  
 Winter's Metallic Paint Co., Iron Ridge, Wis.  
 Winters & Prophet Canning Co., Mt. Morris, N. Y.  
 Winters, Wm. C., architect, 106 Van Sicklen av, Brooklyn, N. Y.  
 Wintersteen, C. A., cornices, 408 W. 3d, Dayton, Ohio.  
 Winther Motor Truck Co., auto. mfrs., Kenosha, Wis.  
 Winthrop Asphalt Shingle Co., Argo, Ill.  
 Winthrop Canning Co., Winthrop, Minn.  
 Winthrop Mills Co., woolen blankets, Winthrop, Me.  
 Winton Co., automobile bldrs., Berea rd, Cleveland, Ohio.  
 Winton Engine Works, Cleveland, Ohio.  
 Winton Motor Carriage Co., Berea rd, Cleveland, Ohio.  
 Wintringham & Well, naval architects, 32 B'way, New York.  
 Wipf, J., & Co., lumber, Iola, Wis.  
 Wire Goods Co., Worcester, Mass.  
 Wire Hdwe. Co., 6126 S. La Salle, Chicago, Ill.  
 Wire & Metal Wares Co., baskets, mats, etc., Erie, Pa.  
 Wire Rope Lubricating Co., 40 Clinton, Newark, N. J.  
 Wire Wheel Corp. of America, Springfield, Mass.  
 Wirebounds Corp., machsts., 111 W. Washington, Chicago, Ill.  
 Wireless Improvement Co., 81 New, New York.  
 Wireless Mg. Co., Canton, Ohio.  
 Wireless Specialty Apparatus Co., wireless telegraph receivers, 216 High, Boston, Mass.  
 Wirsching Co., organs, Salem, Ohio.  
 Wirsching, Louis, Jr., architect, 10 E. 14th, New York.  
 Wirsing, H. M., architect, New Castle, Pa.  
 Wirsing & Son, contractors, 2110 Mohegan av, New York.  
 Wirt Company, dim-a-lite electrical specialties, Armat & Lena, Germantown, Philadelphia, Pa.  
 Wirt & Knox Mfg. Co., hose carriages & carts, 23d & York, Philadelphia, Pa.  
 Wirt, Paul E., rubber goods, Bloomsburg, Pa.  
 Wirth, Carl, architect, 13 W. Superior, Duluth, Minn.  
 Wirth, John D., special automatic machinery & tools, New Haven, Conn.  
 Wirth, P., & Son, contractors, Louisville, Ky.  
 Wirthlin-Mann Co., mill & facty. supplies, 329 W. 3d, Cincinnati, Ohio.  
 Wirtz & Hernlen, agricultural implements, Augusta, Ga.  
 Wischerth Mfg. Co., machsts., 302 McDougal, Brooklyn, N. Y.  
 Wischhusen, John, contractor, 811 Butternut, N. W., Washington, D. C.  
 Wis. Aluminum Fdry. Co., castings, Manitowoc, Wis.  
 Wis. & Arkansas Lumber Co., Wausau, Wis.  
 Wis. Auto. Top Co., Racine, Wis.  
 Wis. Bag & Burlap Co., Neenah, Wis.  
 Wis. Box Co., packing, Wausau, Wis.  
 Wis. Brick Co., Madison, Wis.  
 Wis. Bridge & Iron Co., structural steel & bridges, No. Milwaukee, Wis.  
 Wis. Bridge & Iron Works, Monadnock Bldg., Chicago, Ill.  
 Wis. Butter & Cheese Co., canned goods, Waukesha, Wis.  
 Wis. Canning Co., Winneconne, Wis.  
 Wis. Carriage Co., Janesville, Wis.  
 Wis. Cement Const. Co., 1000 Humboldt av, Milwaukee, Wis.  
 Wis. Chair Co., telephone cabinet work, Port Washington, Wis.  
 Wis. Condensed Milk Co., canned, Burlington, Wis.  
 Wis. Culvert Co., Madison, Wis.  
 Wis. Cylinder Fdry. Co., Racine, Wis.  
 Wis. Electric Co., elec. appliances & portable grinders, Dunmore Bldg., Racine, Wis. *See adv index at end of book.*  
 Wis. Farm Implement Co., machsts., Beloit, Wis.  
 Wis. Fndry. Co., 1138 32d, Milwaukee, Wis.  
 Wis. Fndry. & Mach. Co., Madison, Wis.  
 Wis. Fndry. & Steel Wks., Cedar Grove, Wis.  
 Wis. Granite Co., 11 S. La Salle, Chicago, Ill.  
 Wis. Graphite Co., Stevens Point, Wis.  
 Wis. Incubator Co., Racine, Wis.  
 Wis. Iron & Metal Co., Oshkosh, Wis.  
 Wis. Iron & Wire Works, ornamental iron & bronze mfrs., 1660 Booth, Milwaukee, Wis.  
 Wis. Knitting Mills, sweaters, cardigans, etc., Manitowoc, Wis.  
 Wis. Land & Lumber Co., Hermansville, Mich.  
 Wis. Lime & Cement Co., 133 W. Washington, Chicago, Ill.  
 Wis. Lumber Co., 606 S. Michigan av, Chicago, Ill., & Des Moines, Ia.  
 Wis. Machinery & Mfg. Co., 51st & Burnham, Milwaukee, Wis.  
 Wis. Metal Products Co., currycombs, cutting dies, hdwe. mfrs. & sheet metal stamping, Racine, Wis.  
 Wis. Pea Cannors Co., canned goods, Manitowoc, Wis.  
 Wis. Pearl Button Co., La Crosse, Wis.  
 Wis. Plumbing & Heating Supply Co., 298 Reed, Milwaukee, Wis.  
 Wis. Pulp Wood Co., Neenah, Wis.  
 Wis. Red Pressed Brick Co., 200 Lumber Exchange, Minneapolis, Minn.  
 Wis. Refrigerator Co., Eau Claire, Wis.  
 Wis. River Paper & Pulp Co., Neenah, Wis.  
 Wis. Sanitary Cow Milkers Co., cow milking machines, Watertown, Wis.  
 Wis. Stable Equipment Co., cattle stanchions, Oconomowoc, Wis.  
 Wis. Steel Co., blast furnaces, 606 S. Michigan, Chicago, Ill.  
 Wis. Textile Mfg. Co., textile machy. supplies, etc., Two Rivers, Wis.  
 Wis. Timber Co., lumber, Arlington, Wash.  
 Wis. Timber & Land Co., lbr. mfrs., Sheboygan, Wis.  
 Wis. Tunnel & Construction Co., 94 S. Water, Milwaukee, Wis.  
 Wis. Veneer Co., Rhinelander, Wis.  
 Wis. Wire Wks., Appleton, Wis.  
 Wisdom & Co., glue mfrs., 217 W. Lake, Chicago, Ill.  
 Wise, August, lumber, Ft. Loramie, Ohio.  
 Wise & Bailey, mill & facty. supplies, 108 Walnut, Phila., Pa.  
 Wise, C., & Bro., brick, Lancaster, Pa.  
 Wise Furnace Co., Akron, Ohio.  
 Wise, G. W., Co., glass stainers, 86 Federal, Boston, Mass.  
 Wise Granite & Construction Co., contractors—bldg. & gen., Richmond, Va.  
 Wise, H., lbr. mfrs., La Porte, Ind.  
 Wise-Harold Elec. Co., machsts., New Philadelphia, Ohio.  
 Wise, Herbert C., architect, Franklin Bldg., Phila., Pa.  
 Wise, J. B., Inc., machsts. & fndrs., plumbers' supplies, hdwe. mfrs., etc., Watertown, N. Y.  
 Wise, J. H., contractor, Victoria Bldg., St. Louis, Mo.  
 Wise, L., & Bros., tallows, 36 Main, Cincinnati, Ohio.  
 Wise, Lorrillard, architect, 254 Huguenot, New Rochelle, N. Y.  
 Wise Lumber & Coal Co., masons' & bldrs.' matls., Bangor, Pa.  
 Wise, R. S., machst, upland, Ind.  
 Wise, Silas W., contractor, Cumberland, Md.  
 Wise Soda Apparatus Co., Bellevue, Ohio.  
 Wise & Son, contractors, Springfield, Ill.  
 Wise Sportsman's Supply Co., Great Northern Bldg., Chicago, Ill.  
 Wise & Upson, contractor, Hartford, Conn.  
 Wise, W. F., architect, Tyrone, Pa.  
 Wiseman, Harrison G., architect, 507 5th av, New York.  
 Wiseman, T. B., architect, Bakersfield, Cal.  
 Wisenall, Bernard T., architect, 1st Nat'l Bk. Bldg., Cincinnati, Ohio, & 1st Nat'l Bk. Bldg., Covington, Ky.  
 Wise's, Sam'l B., Sons, carriages, Orrstown, Pa.  
 Wish, Harold H., architect, 102 Exch., Portland, Me.  
 Wishart, A., & Sons Co., masons' & bldrs.' matls.—contractors, Sharon, Pa.  
 Wishart, R. S., Co., cornices, Minneapolis, Minn.  
 Wishkah Shingle Co., lumber, Aberdeen, Wash.  
 Wiskocil, A. V., architect, 692 Island av, Milwaukee, Wis.  
 Wiss, J., & Sons Co., cutlery mfrs., 31 Littleton av, Newark, N. J.  
 Wissler, A., engineers instruments & supplies, 601 N. Broadway, St. Louis, Mo.  
 Wissmach, Paul, Glass Co., Meadow, Long Island City, N. Y.



- Wissner, Henry, stone producers, 1715 Washington av, N. S., Pittsburgh, Pa.
- Wissner, O., pianos, 55 Flatbush av, Brooklyn, N. Y.
- Wistar, Underhill & Nixon, lbr., Real Estate Trust Co. Bldg., Philadelphia, Pa.
- Wistrand Mfg. Co., agricultural implements, Galva, Ill.
- Wiswall Paint Co., 2413 E. Huntingdon, Phila., Pa.
- Witbeck, Clark Co., mill & facty. supplies, whol. hdwe., Schemectady, N. Y.
- Witch Mfg. Co., roof flanges, Salem, Mass.
- Witchell-Scheill Co., baseball shoes, 168 Bklyn, Detroit, Mich.
- Witcombe, McGeachin & Co., linoleum, 22 W. 37th, New York.
- Witcover, H. W., architect, Nat. Bk. Bldg., Savannah, Ga.
- Witenberg Mfg. Co., canvas gloves, Tacoma, Wash.
- Witham Co., machsts., Hoosick Falls, N. Y.
- Witham, G. S., & Son, axe mfrs., cant-dogs, Caratunk, Me.
- Witherbee Igniter Co., machsts., 1904 Broadway, New York.
- Witherbee, Sherman & Co., iron ores, 2 Rector, New York.
- Witherell, L. M., & Sons, contractors, Taunton, Mass.
- Witherow Steel Co., bars & small shapes, Keystone Bldg., Pittsburgh, Pa.
- Withers, B. F., masons' & bldrs.' matls., Charlotte, N. C.
- Withers Fdry. & Mach. Wks., Atlanta & Cartersville, Ga.
- Withers & Van Devender, lumber, Parkersburg, W. Va.
- Witherspoon-Englar Co., contractors, 53 W. Jackson blvd., Chicago, Ill.
- Withey Bros., carriages, Springfield, Ill.
- Withey, Henry F., architect, Van Nuys Bldg., Los Angeles, Cal.
- Witgott, W. H., & Co., machsts. & fndrs., Easton, Md.
- Withington, C. W., machinist, 416 2d, San Francisco, Cal.
- Withrow Mfg. Co., baby carriages, 2727 Spring Grove av, Cincinnati, Ohio.
- Witker Mfg. Co., sashes, doors & blinds, Toledo, Ohio.
- Witt, Aug., contractor, 913 S. Western, Chicago, Ill.
- Witt & Brown, cornices, windows, 215 W. 3d, Cincinnati, Ohio.
- Witt Concrete Constr. Co., Hornell, N. Y.
- Witt Cornice Co., 2118 Winchell av, Cincinnati, Ohio.
- Witt, Ferdinand, architect, 569 5th av, New York.
- Witt, G. E., Co., machinist, 862 Howard, San Francisco, Cal.
- Witt, S. W. & J. W., flour mills, Nellyford, Va.
- Witt, Seibert & Co., architects, Texarkana, Ark.
- Witt-Will Co., automobile bldrs., Washington, D. C.
- Witte, Alexis, razors, 81 Warren, New York.
- Witte Engine Works, distillate engines, portable saw rigs & shafting couplings, 16th & Oakland, Kansas City, Mo.
- Witte, Francis T., Hardware Co., 106 Chambers, New York.
- Witte, Gustave, Jr., brick, Hika, Wis.
- Witte Hardware Co., 706 N. 3d, St. Louis, Mo.
- Witte, J. C., Mfg. Co., desk mfrs., 30 E. Henn av, Minneapolis, Minn.
- Witte & Wenrath Hardware Co., 706 N. 3d, St. Louis, Mo.
- Wittekind, Henry, architect, 1547 Jarvis av, Chicago, Ill.
- Wittmann Bros., machsts., 41 Ferris, Brooklyn, N. Y.
- Wittmann Co., machsts., 842 Elk, Buffalo, N. Y.
- Wittmeir's, F., Sons, corn & whisk brooms, Fort Hunter, N. Y.
- Witten, B. V., & Sons, masons' & bldrs.' matls., Byesville, O.
- Wittenberg, C. H., Distilling Co., 2652 Franklin av, St. Louis, Mo.
- Witter, Jno., brick, Bucyrus, Ohio.
- Wittich, Hy., Carriage & Wagon Co., 1222 N. 7th, St. Louis, Mo.
- Wittig, A. F., & Son, contractors, 2554 Bailey av, Buffalo, N. Y.
- Wittig, F., & Co., charcoal, 36th & Greenfield av, Milwaukee, Wis.
- Wittkowsky, H., carriages, 203 E. 88th, New York.
- Wittman, N. B., & Co., iron ore, Commercial Trust Bldg., Phila., Pa.
- Witts & Witts, common brick, Sullivan, Ill.
- Witty, Chas. H., & Co., cotton damasks, Wayne & Berkley, Philadelphia, Pa.
- Witty, Wm. C., carriages, New Brunswick, N. J.
- Wix, Chas., & Co., paint mfrs., 45 Vesey, New York.
- Wizard Co., machy., 179 Summer, Boston, Mass.
- Wizard Electric Lamp Co., 147 New Market, S. Francisco, Cal.
- Wizard Mfg. Co., roof flanges, 15 Fayette, Boston, Mass.
- Wizard Products Co., mops, 1444 W. 37th, Chicago, Ill.
- Wobosel, Matthew, stone producers, De Pere, Wis.
- Woburn Degreasing Co., Woburn, Mass.
- Woburn Gear Works, Woburn, Mass.
- Woburn Iron Foundry, Woburn, Mass.
- Woburn Leather Co., patent & enameled leather, Woburn, Mass.
- Woburn Machine Co., Woburn, Mass.
- Woche, Max, & Son, Co., surgical & dental instruments & hospital furniture, 19 W. 6th, Cincinnati, Ohio.
- Wodrich & Son, contractors, Metropolitan Life Bldg., Minneapolis, Minn.
- Wodsedalak, Jos., agricultural implements, Algoma, Wash.
- Wodtke, Fred., lbr., Foster, Ore.
- Woebler Car & Mfg. Co., Denver, Colo.
- Woebler Carriage Works, Davenport, Iowa.
- Woelck & Behrens, contractors, Arcade Bldg., Seattle, Wash.
- Woefel & Bros., mattresses, 1703 Fleet, Baltimore, Md.
- Woehler, Geo., brick, Haubstadt, Ind.
- Woelfel Leather Co., Morris, Ill.
- Woelkers, Herman J., & Co., contractors, Scranton, Pa.
- Woerfel, Adolph, brick, Manitowoc, Wis.
- Woerman Constr. Co., Century Bldg., St. Louis, Mo.
- Woerner, Adolph, architect, 3166 Lincoln av, Chicago, Ill.
- Woerner, F. J., architect, Sumpter Bldg., Dallas, Tex.
- Woerner, M. N., mattresses, 616 Blackhawk, Chicago, Ill.
- Wogaman Bros. Co., machinists, Greenville, Ohio.
- Wogan, Maurice A., contractor, 1st Nat. Bk. Bldg., Denver, Colo.
- Wohl, N. J., & Co., arc lamps, 211 Fulton, Brooklyn, N. Y.
- Wohleb, J. H., architect, Olympia, Wash.
- Wohlfeld S., & Bro., auto trunks, 538 N. 3d, Phila., Pa.
- Wohlpart, Adolph P., architect, 2 W. 45th, New York.
- Wohlsen, Herman F., contractor, Lancaster, Pa.
- Wohlsen Planing Mill Co., sash, door & blind, 417 N. Mulberry, Lancaster, Pa.
- Wolcott Brick & Drain Tile Co., Wolcott, Ind.
- Wolcott, J. F., & Co., flour mills, South Carrollton, Ky.
- Wold Air Brush Mfg. Co., 716 W. Madison, Chicago, Ill.
- Wold, C. L., Co., contractors, 75 Sutter, San Francisco, Cal.
- Wold, Torris & Co., can making machinery, 240 N. Ashland av, Chicago, Ill.
- Woldert Grocery Co., nut crackers & picks, Tyler, Tex.
- Wolf, A. C., architect, Swetland Bldg., Cleveland, Ohio.
- Wolf Bros., press papers & boards, 330 N. 12th, Phila., Pa.
- Wolf Bros., cornices & skylights, Topeka, Kan.
- Wolf Bros., Tent & Awning Co., Omaha, Neb.
- Wolf, C. K., gate hinges, Xenia, Ohio.
- Wolf, Chas., masons' & bldrs.' matls., 204 Waverley av & Peshine, Newark, N. J.
- Wolf, Clarence J., architect, 3 S. 3d av, Mount Vernon, N. Y.
- Wolf & Co., advtg. nov. & spec., Callowhill & 12th, Phila., Pa.
- Wolf Co., flour mill machinery, Chambersburg, Pa.
- Wolf & Co., scrap iron, Hamilton, Ohio.
- Wolf Creek Soap Wks., Dayton, Ohio.
- Wolf Elec'l. Promoting Co., cutting machs. for fabrics, 5th & Sycamore, Cincinnati, O.
- Wolf Envelope Co., 1270 Ontario av, Cleveland, Ohio.
- Wolf & Ewing Construction Co., Hume-Mansur Bldg., Indianapolis, Ind.
- Wolf, F. H., Brick Co., 1467 Central av, Detroit, Mich.
- Wolf, Fred W., Co., mill & facty., supplies, 827 Rees, Chicago, Ill.
- Wolf, Geo. B. Mc., contractor, Hagerstown, Md.
- Wolf, Henry F., machst. & fndr., Plymouth, Wis.
- Wolf, Herman & Co., varnish mfrs., 214 W. Liberty, Cincinnati, Ohio.
- Wolf, Jacques, & Co., chemicals, alizarine assistant, 369 Harrison, Passaic, N. J.
- Wolf, John M., Co., stove polish, 742 Flushing av, Brook'n, N. Y.
- Wolf, Leon L., Paint Co., 304 Lincoln Inn Ct, Cincinnati, Ohio.
- Wolf, Louis, stone producers, Berlin, Pittsburgh, Pa.
- Wolf Mach. Co., sash operating device, Dayton, Ohio.
- Wolf Mfg. Co., harness mfrs., Quincy, Ill.
- Wolf Milling Co., flour, Ellinwood, Kans.
- Wolf, Otto C., brewery architect, Denckla Bldg., Phila., Pa.
- Wolf, Paul E., Bedding Co., mattresses, Ft. Wayne, Ind.
- Wolf, Penrose, lumber, Rockwood, Pa.
- Wolf Pipe Co., Detroit, Mich.
- Wolf River Paper & Fibre Co., Shawano, Wis.
- Wolf Safety Lamp Co. of Am., 80 Washington, New York.
- Wolf, Sayer & Heller, slicing & talking machines, presses, etc., Fulton & Peoria, Chicago, Ill.
- Wolf, W., & Sons, cotton waste, 549 Atlantic av, Boston, Mass.
- Wolfberg, Jacob, mattresses, Altoona, Pa.
- Wolfe, Arthur C., brick, Mount Vernon, Ohio.
- Wolfe, B. F., & Co., mill & facty. supplies, Dallas, Tex.
- Wolfe Brush Co., brush mfrs., 1805 Beaver av, Pittsburgh, Pa.
- Wolfe, C. M., contractor, Fremont, Ohio.
- Wolfe, Chas. E., architect, Pomona, Cal.
- Wolfe, D. M., Co., contractors, 7827 Hamilton av, Pittsburgh, Pa.
- Wolfe, F. D., architect, Anzerals Bldg., San Francisco, Cal.
- Wolfe, F. L., contractor, Two Rivers, Wis.
- Wolfe, Geo. Morton, architect, 638 Ellicott sq, Buffalo, N. Y.
- Wolfe, J. N., sashes, doors & blinds, Bogota, N. J.
- Wolfe, John, architect, 2 W. 47th, New York.
- Wolfe, M. L., Auto. Co., machsts., Knoxville, Tenn.
- Wolfe, Matt W., Carrollton, Ohio.
- Wolfe, R. H., & Son, flour mills, Georgetown, Ky.
- Wolfe, T. B., architect, Perrysville av, Pittsburgh, Pa.
- Wolfe, W. S., machinist, Wilson, Kans.
- Wolfenden, Daniel, mill & facty. supplies, 232 Arch, Phila., Pa.
- Wolfer, C. G., contractor, Galveston, Tex.
- Wolff, L., Mfg. Co., plumbers' supplies, jobbers, 601 W. Lake, Chicago, Ill.
- Wolff, Chas., Packing Co., Topeka, Kans.
- Wolff Dist. Co., Louisville, Ky.
- Wolff, E. M., & Co., granite producers, Mansfield, Ohio.
- Wolff & Ewens, architects, 437 E. Water, Milwaukee, Wis.
- Wolff, J. R., lumber mfr., Bingen, Ark.
- Wolff, Kubley & Hirsig, cornices, Madison, Wis.
- Wolff Metal Co., 1803 John, Cincinnati, Ohio.
- Wolff Milling Co., flour, New Haven, Mo.
- Wolff Norbert Co., belt & rope dressing, 40 Renwick, New York.
- Wolff, Philip, & Son, contractors, 17 Wright, Stapleton, N. Y.
- Wolff, Wm. D., & Co., heating contrs., 108 S. 13th, Newark, N. J.
- Wolff, Wm. F. Co., desk lights, 563 W. 145th, New York.
- Wolffington's, Alex., Son, carriages, 8 N. 20th, Philadelphia, Pa.
- Wolfin-Luhning Co., lbr. mfrs., Evansville, Ind.
- Wolfschlag, Jos. A., machsts. & fndrs., 263 William, New York.
- Wolsheim & Sachs, jewelry cases, 35 Maiden la, New York.



- Wolfson Bros. Umbrella Co., 392 B'way, New York.  
 Wolfson Tray Co., Columbus, Ga.  
 Wolfsteiner Co., cornices & skylights, 1315 W. W. W., Waterbury, D. C.  
 Wolins & Bull, contractors, 45 John, New York.  
 Woll, F. P. & Co., curled hair, Church & Tacony, Phila., Pa.  
 Woll, Peter, & Sons Mfg. Co., curled hair, bristles, Mascher & Berks, Philadelphia, Pa.  
 Wollaston Fndry. Co., semi-steel castings, Quincy, Mass.  
 Wollensak Optical Co., Rochester, N. Y.  
 Wollenweber, O. Co., lumber mfrs., White Bldg., Seattle, Wash.  
 Wolstencroft Felt Mfg. Co., Mulberry & Bridge, Phila., Pa.  
 Wolter Bros., brick, Atchison, Kans.  
 Wolters, Henry, architect, Board of Trade Bldg., Louisville, Ky.  
 Woltersdorf, Arthur, architect, 138 N. La Salle, Chicago, Ill.  
 Wolterstorff Range Co., 66 E. 3d. St. Paul, Minn.  
 Woltman Carriage & Wagon Co., Woodland av, Cleveland, Ohio.  
 Woltz, Jas. W., architect, Waynesboro, Pa.  
 Wolverine Automobile Co., Toledo, Ohio.  
 Wolverine Brass Works, plumbers' supplies, 620 Monroe av, Grand Rapids, Mich.  
 Wolverine Burial Case Co., coffins, etc., 245 Larned, E., Detroit, Mich.  
 Wolverine Leather Goods Co., Jefferson & Case avs, Detroit, Mich.  
 Wolverine Lubrts. Co., 78 Broad, New York.  
 Wolverine Lbr. Co., Bay City, Mich.  
 Wolverine Mch. Wks., Saginaw, Mich.  
 Wolverine Motor Wks., machsts., Bridgeport, Conn.  
 Wolverine Paper Co., Otsego, Mich.  
 Wolverine Portland Cement Co., Coldwater, Mich.  
 Wolverine Saw Co., Detroit, Mich.  
 Wolverine Soap Co., Portland, Mich.  
 Wolverine Supply & Mfg. Co., machsts. & fndrs., Page & Fontella, Pittsburgh, Pa.  
 Womack, A. L., Co., canned goods, Bristol, Tenn.  
 Womack, C. W., & Co., contractors, Lynchburg, Pa.  
 Wombie's, J. G., Sons, wholesale hdwe., Norfolk, Va.  
 Womble, Pembroke M., lbr. mfrs., Elliott & Inwood av, Baltimore, Md.  
 Wonder Mfg. Co., machsts., Syracuse, N. Y.  
 Wonder Spool Co., tex. machy., supplies, etc., 13 Wormwood, Boston, Mass.  
 Wonder Talking Mach. Co., 119 4th av, New York.  
 Wonderly, Abner H., machsts. & fndrs., 621 Commerce, Philadelphia, Pa.  
 Wondertone Phonograph Co., talking machines, 19 W. Jackson blvd, Chicago, Ill.  
 Wonham, Bates & Goode, Inc., fndry. equipt., machinery dealers, 17 Battery pl, New York.  
 Wood, A. A., & Sons Co., machsts. & fndrs., Atlanta, Ga.  
 Wood, A. C., textile machinery supplies, Advance, N. C.  
 Wood, A. M., Co., auto bodies, Charlestown, Boston, Mass.  
 Wood, A. M., & Co., scrap iron & steel, Arcade Bldg., Phila., Pa.  
 Wood Alan Iron & Steel Co., iron rolling mill, Conshohocken, Pa.  
 Wood & Allison, brick, Haverstraw, N. Y.  
 Wood, Arthur W. B., architect, 103 Park av, New York.  
 Wood, Beder, Sons Co., masons' & bldrs.' matls., Moline, Ill.  
 Wood & Bishop Co., furnaces, etc., Bangor, Me.  
 Wood & Bradley, architects, Mutual Life Bldg., Buffalo, N. Y.  
 Wood, Brightman & Co., cornices, skylights & plumbers' supplies., New Bedford, Mass.  
 Wood Brothers, fertilizer, Conyers, Ga.  
 Wood Bros., masons' & bldrs.' matls., Linwood Station, Pa.  
 Wood Bros. Thresher Co., Des Moines, Ia.  
 Wood, C. D., Elec. Co., lamps, flashlights, etc., 441 B'way, New York.  
 Wood, C. H., Co., mill & facty. supplies, machy. dlrs., Syracuse, N. Y.  
 Wood, C. L., masons' & bldrs.' matls., Piqua, Ohio.  
 Wood, C. W., masons' & bldrs.' matls., Andover, Ohio.  
 Wood, Chas N., Co., electric railway specialties, 14 Federal, Boston, Mass.  
 Wood, Chas. R., architect, Realty Bldg., Spokane, Wash.  
 Wood, Clarence W., plate & leaded glass, Syracuse, N. Y.  
 Wood Drill Wks., machsts., Paterson, N. J.  
 Wood, E. K., Lumber Co., 112 Market, San Francisco, Cal.  
 Wood, E. M., architect, Alma, Mich., & 126 N. 8th, Quincy, Ill.  
 Wood, E. O., drawers (cash or money), Nashua, M. H.  
 Wood, Edw. J., Clarksburg, W. Va.  
 Wood, Edwin T., fndrs., Lyndonville, Vt.  
 Wood, F. A., cornices & skylights, Skowhegan, Me.  
 Wood, F. B., contractor, 64 Gibson, Detroit, Mich.  
 Wood, Frank V., wood handles, Valley City, Ohio.  
 Wood, Fred B., architect, 2239 Steiner, San Francisco, Cal.  
 Wood, G. E., Tool Co., hdwe. mfrs., Plantsville, Conn.  
 Wood, Geo. E., architect, 103 Park av, New York.  
 Wood, Geo. E., Lumber Co., 230 S. La Salle, Chicago, Ill.  
 Wood, Geo. H., architect, Everett, Mass.  
 Wood, Geo. H., Corp., rubber cements, 146 Summer, Boston, Mass.  
 Wood Glass Co., Syracuse, N. Y.  
 Wood, H. C., Co., contractors, North Adams, Mass.  
 Wood, H. H., & Co., socks—lumbermen's, Lakeport, N. H.  
 Wood, H. P., & Son, whol. hdwe., 20 Reade, New York.  
 Wood & Hare, glue, cements, 66 Leonard, New York.  
 Wood, Harvey I., Co., elec. & gas light fix. mfrs., Louisville, Ky.  
 Wood Hydraulic Hoist & Body Co., 1026 Bellevue, Detroit, Mich.  
 Wood & Iverson, lumber, Hobart, Wash.  
 Wood, J., & Bros. Co., iron rolling mills, Conshohocken, Pa.  
 Wood, J. Edwin, Co., steam fitters' supplies, Charlottesville, Va.  
 Wood, J. J., & Son, contractors, Elwood, Ind.  
 Wood, J. R., Supply Co., mill & facty. supplies, 917 B'way, Cincinnati, Ohio.  
 Wood, Jas. A., lumber, Ames Bldg., Boston, Mass.  
 Wood, Jas. M., architect, Wilmette, Ill.  
 Wood, Jas. P., Htg. Co., 239 N. 4th, Philadelphia, Pa.  
 Wood, John A., & Son Co., masons' & bldrs.' matls., Lawrence, N. Y.  
 Wood, John, Iron Wks., Portland, Ore.  
 Wood, John J., masons' & bldrs.' matls., ft. Bank, New Brighton, N. Y.  
 Wood, Jno., Mfg. Co., machsts. & fndrs., Conshohocken, Pa.  
 Wood, L. M., architect, 629 Kansas av, Topeka, Kans.  
 Wood, L. S., contractor, Springfield, Mass.  
 Wood, Lumber & Coal Co., masons' & bldrs.' matls., Chester, Pa.  
 Wood, Lyman, Mfg. Co., machsts. & fndrs., Racine, Wis.  
 Wood Mfg. Co., auto. lamps, searchlights or projectors, Fairfield, Conn.  
 Wood, Morris, & Son, machsts., 5108 W. Lake, Chicago, Ill.  
 Wood-Mosaic Co., parquet flooring, 47 W. 34th, New York, & New Albany, Ind.  
 Wood, N. A., canned goods, Troutville, Va.  
 Wood, Newman, fertilizer, Sandersville, Ga.  
 Wood, P. D., & Co., masons' & bldrs.' matls., Warrenton, Va.  
 Wood Products Co., alcohol, Buffalo, N. Y.  
 Wood Products Co., turpentine distillers, Wilmington, N. C.  
 Wood, R. D., & Co., engineers, iron fndrs., machsts.—multiple punching machs., 400 Chestnut, Philadelphia, Pa.  
 Wood, R. E., Lumber Co., Continental Trust Bldg., Baltimore, Md.  
 Wood, S. C., & Son, elastic hosiery, Pittsfield, Mass.  
 Wood, S. L., stoves, 1240 Figueroa, Los Angeles, Cal.  
 Wood, S. W., Engine Co., Clyde, N. Y.  
 Wood & Selick, paste, 36 Hudson, New York.  
 Wood Shovel & Tool Co., Piqua, Ohio.  
 Wood & Simpson, architects, 110 Sutter, San Francisco, Cal.  
 Wood, Smith & Co., machsts., Chicago Heights, Ill.  
 Wood & Spencer Co., machsts. & fndrs., Cleveland, Ohio.  
 Wood, Stubbs & Co., fertilizer mfrs., Louisville, Ky.  
 Wood, T. C., Hardware Co., Rhinelander, Wis.  
 Wood, T. H., Co., fish line mfrs., South Coventry, Conn.  
 Wood, Theo. C., masons' & bldrs.' matls., 613 Greenwich, New York.  
 Wood, Thos., stone, Montclair, N. J.  
 Wood Turning Machine Co., Beloit, Wis.  
 Wood Turret Mach. Co., Brazil, Ind.  
 Wood & Van Derwerken Varnish Co., 33 Wythe av, Brooklyn, N. Y.  
 Wood, Vest & Co., masons' & bldrs.' matls., Charlottesville, Va.  
 Wood, W. A., Co., lubrg. oils, 373 Atlantic av, Boston, Mass.  
 Wood, W. C., Lumber Co., Collins, Miss.  
 Wood, W. E., Co., contra tors, Ford Bldg., Detroit, Mich.  
 Wood, W. E., Co., steam fitters' supplies, 18 N. Howard, Baltimore, Md.  
 Wood, W. H., machst., Media, Pa.  
 Wood, W. J., naval archt., 140 W. Van Buren, Chicago, Ill.  
 Wood, W. Wilton, masons' & bldrs.' matls., Huntington, N. Y.  
 Wood, Waddy B., architect, 816 Conn. av., N. W., Washington, D. C.  
 Wood, Walter A., Mowing & Reaping Machine Co., Hoosick Falls, N. Y.  
 Wood, Wm. A., architect, Bullitt Bldg., Philadelphia, Pa.  
 Wood, Wm. E., & Son, lenses, South Coventry, Conn.  
 Wood, Wm. H., Lbr. Co., Cambridge, Mass.  
 Wood, Williston P., lumber, Grand Valley, Pa.  
 Wood Working & Stair Building Co., sash, door & blind, Williamsport, Pa.  
 Woodall Mfg. Co., machsts. & fndrs., Davenport, Ia.  
 Woodall, Wm. E., & Co., ship bldrs., Baltimore, Md.  
 Woodard, J. Carlton, architect, 4102 Ibis, San Diego, Cal.  
 Woodard Machine Co., mfrs. Canton-Hughes pumps, etc., Wooster, Ohio.  
 Woodard & Wright Last Co., wooden shoe lasts, Brockton, Mass.  
 Woodason, Thos., blacksmiths' bellows, 2900 D., Philadelphia, Pa.  
 Woodbridge, F. L., packing box, Brockton, Mass.  
 Woodbridge Pottery Co., Woodbridge, N. J.  
 Woodbridge, S. Homer, consltg. hgt. engr., 739 Boylston, Boston, Mass.  
 Woodburn Lumber Co., Woodburn, Ind.  
 Woodburn Tile & Brick Co., Woodburn, Ind.  
 Woodbury & Co., cameras, Worcester, Mass.  
 Woodbury, D. H., architect, 1102 Exchange blk, Boston & Littleton, Mass.  
 Woodbury, Geo. E., ore concentrators, 238 Townsend, San Francisco, Cal.  
 Woodbury Glass Co., glass bottles, Winchester, Ind.  
 Woodbury Granite Co., granite producers & workers, Hardwick, Vt.  
 Woodbury, I. F., & Sons Co., contractors, 185 Summer, Boston, Mass.  
 Woodbury Mill & Lumber Co., sash, door & blind, Woodbury, N. J.



- Woodbury Oil Mills, Woodbury, Ga.  
 Woodbury & Stuart, architects, 53 State, Boston, Mass.  
 Woodcock, A. B., blankets, flannels, woolen, Waterside, Pa.  
 Woodcock Bros., granite, Barre, Vt.  
 Woodcock Bros., mill & facty. supplies, 165 N. Jefferson, Chicago, Ill.  
 Woodcock, Clarence, contractor, Burlington, Ia.  
 Woodcock, O. P., contractor, Jacksonville, Fla.  
 Woodcox, I. N., & Son, mill & facty. supplies, Piqua, Ohio.  
 Wooden Ventilator Co., East Palestine, Ohio.  
 Wooden & Willowware Trade Review, 81 Fulton, New York.  
 Woodfall Bros., smelters & refiners, 1105 Fairmount av., Phila., Pa.  
 Woodford Distilling Co., 127 N. Dearborn, Chicago, Ill.  
 Woodford, H. W., lumber mfrs., Avon, Conn.  
 Woodhouse Chain Works, Trenton, N. J.  
*See adv index at end of book.*  
 Woodhouse, J. S., Co., agricultural implements, 191 Water, New York.  
 Woodhouse, John H., sash, door & blind mfr., 1 Bishop, Jersey City, N. J.  
 Woodhouse Mfg. Co., water towers, hose carts, etc., 64 W. B'way, New York.  
 Woodhouse, Sam'l, chains, Cleveland, Ohio.  
 Woodhouse, Sam'l F., varnish, color mfr., etc., Unity & Franklin, Phila., Pa.  
 Woodin & Little, mill & facty. supplies—engines, etc., 33 Fremont, San Francisco, Cal.  
 Wooding, C. F., & Co., contrs., 185 Church, New Haven, Conn.  
 Woodison, E. J., Co., parting compounds, fire brick & fndry. requisites, 53 Buhl, Detroit, Mich.  
 Woodland Mfg. Co., coffins, George, N. C.  
 Woodlawn Repair Co., machsts., 867 E. 63d, Chicago, Ill.  
 Woodlawn Supply Co., masons' & bldrs.' matls., Birmingham, Ala.  
 Woodley Slate Co., Bangor, Pa.  
 Woodley Soap Mfg. Co., 33 Norfolk av, Rox., Boston, Mass.  
 Woodley, Wm. T., contractor, 6 N. Clark, Chicago, Ill.  
 Woodlife Co., shingle stains, 190 Montague, Brooklyn, N. Y.  
 Woodman, Andrew W., & Co., boilers, bins, tanks; steel structl. wk., West De Pere, Wis.  
 Woodman, R., Mfg. & Supply Co., badges & emblems, 82 Sudbury, Boston, Mass.  
 Woodmanse Mfg. Co., machsts. & fndrs., Freeport, Ill.  
 Woodmansee, F. A., inks, paste, etc., 117 E. Pearl, Cincinnati, O.  
 Woodnutt, C. E., contractor, Williamsport, Pa.  
 Woodnutt & Schmohl, architect, Williamsport, Pa.  
 Woodring, Jeremiah, & Co., mill & facty. supplies, Hazleton, Pa.  
 Woodroffe, A., architect, Berlin Bldg., Tacoma, Wash.  
 Woodrow Mfg. Co., clothes washing machines, Newton, Ia.  
 Woodruff, C. Curtis, & Co., contractors 211 10th, Long Island City, N. Y.  
 Woodruff & Chambers, contractors, Houston, Tex.  
 Woodruff Cotton Mills, Woodruff, S. C.  
 Woodruff & Edwards Co., archl. & ornmntl. iron, Elgin, Ill.  
 Woodruff, J. C., architect, Minot, N. D.  
 Woodruff, John T., & Son, contractors, 1 Bridge Plaza, Long Island City, N. Y.  
 Woodruff Lbr. Co., Duluth, Minn.  
 Woodruff Machy. Mfg. Co., machsts. & fndrs., Wender, Ga.  
 Woodruff Oil & Fertz, Co., meal, Woodruff, S. C.  
 Woodruff Planing Mill Co., Cadiz, Ky.  
 Woodruff, S. D., & Sons, fertilizer mfrs., Orange, Conn.  
 Woodruff, W. W., Hardware Co., Knoxville, Tenn.  
 Woodruff, W. W., & Sons Co., hdwe. mfrs., machsts. & fndrs.—felloe plates, Mount Carmel, Conn.  
 Woods, A. W., architect, Ganter Bldg., Lincoln, Neb.  
 Wood's, Beder, Sons Co., masons' & bldrs.' matls., Moline, Ill.  
 Woods Bros., Silo & Mfg. Co., Lincoln, Neb.  
 Woods, C. E., & Son, masons' & bldrs.' matls., Keene, N. H.  
 Woods Cross Canning Co., Woods Cross, Utah.  
 Woods & Down, pkg. box mfrs., 13th & Mullanphy, St. Louis, Mo.  
 Woods, Edwin S., & Co., side bearings, 332 S. Michigan av, Chicago, Ill.  
 Woods Engineering Co., Alliance, Ohio.  
 Woods-Evertz Stove Co., Springfield, Mo.  
 Woods, F. C., & Co., fishing tackle, mfrs., Alliance, Ohio.  
 Woods, Frank W., architects, 212 Union, Providence, R. I.  
 Wood's, G. R., Sons Co., wood pipes, pumps, logs, Sheffield, Pa.  
 Woods & Golder Constr. Co., New Castle, Pa.  
 Wood's, Henry, Sons Co., yellow chrome, Wellesley, Mass.  
 Woods, Huddart & Gunn, steel struct. wk., San Francisco, Cal.  
 Wood's, I. B., Sons Co., power transmission machy., Chambersburg, Pa.  
 Woods, J. S., foods (cereal, prepared, etc.), Fredericksburg, Va.  
 Woods, James C., architect, 852 S. W. Temple, Salt Lake City, Utah.  
 Woods & Jensen, architects, Ogden, Utah.  
 Woods-Lloyd Co., crucible mfrs., S. 30th & Jane, Pittsburgh, Pa.  
 Woods Mobilette Co., automobile bldrs., 2007 S. Michigan av., Chicago, Ill.  
 Woods Motor Vehicle Co., storage battery trucks, 2500 Cottage Grove av, Chicago, Ill.  
 Woods, N. W., architect, 47 W. 34th, New York.  
 Woods, S. A., Mach. Co., Boston, Mass.  
 Woods-Sherwood Co., bright wire goods, Worcester, Mass.  
 Woods, W. H., Lbr. Co., Cambridge, Mass.  
 Woodsboro Canning Co., Woodsboro, Md.  
 Woodside Elec. Shops Co., Metuchen, N. J.  
 Woodside Sterling Co., nov., 170 B'way, New York.  
 Woodson & Graves, lumber mfrs., Burgaw, N. C.  
 Woodson, J. B., flour mills, Lowesville, Va.  
 Woodstock Cotton Mills, Anniston, Ala.  
 Woodstock Mfg. Co., tex. machy., supplies, etc., Charleston, S. C.  
 Woodstock Oil & Fertilizer Co., Woodstock, Ga.  
 Woodstock Typewriter Co., 35 N. Dearborn, Chicago, Ill.  
 Woodstown Ice & Cold Storage Co., masons' & bldrs.' matls., Woodstown, N. J.  
 Woodville Lime Products Co., Nicholas Bldg., Toledo, Ohio.  
 Woodville Oil Co., fertilizer mfrs., Woodville, Ga.  
 Woodward, A. H., Co., masons' & bldrs.' matls., 128 Passaic, Newark, N. J.  
 Woodward, C. T., masons' & bldrs.' matls., Carlinville, Ill.  
 Woodward Carriage Co., San Antonio, Tex.  
 Woodward & Cochey, furniture binding, Lynn, Mass.  
 Woodward Co., machsts., Fresno, Cal.  
 Woodward Co., whol. hdwe., Albany, N. Y.  
 Woodward, Edwin, machsts., Bryan, Ohio.  
 Woodward, Frank E., & Co., htg. contrs., 19 Friend, Boston, Mass.  
 Woodward, Governor Co., 206 Mill, Rockford, Ill.  
 Woodward Hardware Co., Cairo, Ill.  
 Woodward Iron Co., Woodward, Ala.  
 Woodward, Jno. C., architect, Council Bluffs, Ia.  
 Woodward, John, & Co., contractors, Atlantic Highlands, N. J.  
 Woodward Lumber Co., Augusta, Ga.  
 Woodward Mach. Co., Hudson, Mass.  
 Woodward & Powell Planer Co., planing machines, Worcester, Mass.  
 Woodward & Son, lbr., Richmond, Va.  
 Woodward & Stein, cornices & skylights, Spokane, Wash.  
 Woodward-Tiernan Printing Co., advertising novelties, St. Louis, Mo.  
 Woodward Truck Attachment Co., Los Angeles, Cal.  
 Woodward-Wagner Co., plugs, washers, brass elbows & brushings, etc., 1106 Spring Garden, Phila., Pa.  
 Woodward, Wight & Co., Ltd., machst., masons' & bldrs.' matls., etc., Howard av & Constance, New Orleans, La.  
 Woodwell, Jos., Co., mill & facty. supplies—whol. hdwe., 207 Wood, Pittsburgh, Pa.  
 Woodworth & Co., masons' & bldrs.' matls., Concord, N. H.  
 Woodworth Knife Wks., Nunda, N. Y.  
 Woodyatt, Ernest, architect, 155 N. Clark, Chicago, Ill.  
 Wool, F. G. Packing Co., canned goods, San Jose, Cal.  
 Woolbert, Chas. W., machsts & fndrs., Elmer, N. J.  
 Woolcott Flour Mills, Lexington, Ky.  
 Woolridge Bros., masons' & bldrs.' matls., Versailles, Ky.  
 Woolridge Fertilizer Co., Marine Bk. Bldg., Baltimore, Md.  
 Woolridge, Robt. A., Co., fertilizer mfrs., Fidelity Bldg., Baltimore, Md.  
 Woolf's Hypozone, disinfectants, 64 Gold, New York.  
 Woolford, G., Wood Tank Mfg. Co., 1429 Chestnut, Phila., Pa.  
 Woolford, N. B., Oakum Co., 601 S. Luzerne av, Baltimore, Md.  
 Woolford Packing Co., canned goods, Washington, Baltimore, Md.  
 Woolford & Thomas, scrap iron, 1726 Thames, Baltimore, Md.  
 Woollett & Woollett, architects, Stockton, Cal.  
 Woolley, A. S., Co., fertilizer mfrs., Seaford, Del.  
 Woolley, G. C., Co., lubrg. oils & greases, 502 E. 20th, New York.  
 Woolley, Geo., & Co., contractors, Long Branch, N. J.  
 Woolley Hardware Co., 44 Asylum, Hartford, Conn.  
 Woolley, Taylor, architect, Felt Bldg., Salt Lake City, Utah.  
 Woollitt & Woollitt, architects, Physicians Bldg., Sacramento, Cal.  
 Woolner & Co., acids, Peoria, Ill.  
 Woolner Distilling Co., Peoria, Ill.  
 Woolner, W. C., landscape arch., 131 State, Boston, Mass.  
 Woolsey, C. A., Paint & Color Co., 500 Grand, Jersey City, N. J.  
 Woolson, James B., umbrella mountings, Watertown, Conn.  
 Woolston, Chas. T., carriages, Riverton, N. J.  
 Woonsocket Brush Co., Woonsocket, R. I.  
 Woonsocket Lumber Co., Woonsocket, R. I.  
 Woonsocket Mach. & Press Co., Woonsocket, R. I.  
 Woonsocket Napping Machy. Co., Woonsocket, R. I.  
 Woonsocket Rubber Co., boots & shoes, Woonsocket, R. I.  
 Woonsocket Shuttle Co., textile machy. & supplies, etc., Woonsocket, R. I.  
 Woonsocket Supply Co., mill & facty. supplies, Woonsocket, R. I.  
 Woop, Wm., Co., metal & wood auto. bodies, 136 W. 52d, New York.  
 Wooster Brush Works, Wooster, O.  
 Wooster, Chas. B., stone producers, Ansonia, Conn.  
 Wooster Machine Co., Wooster, Ohio.  
 Wooster Preserving Co., canned, Wooster, Ohio.  
 Wooster Shale Brick Co., Wooster, Ohio.  
 Wooten, L. E., contractor, Columbus, Ga.  
 Wooters, Wm. H., architect, 816 Allegheny av, Phila., Pa.  
 Wooten & Peckworth, machsts., 1122 Hamilton, Phila., Pa.  
 Worcester, Albert, machsts., 182 W. Houston, New York.  
 Worcester Brass Co., Worcester, Mass.  
 Worcester Brush & Scraper Co., Worcester, Mass.



- Worcester, C. H., Co., lumber mfrs., 19 S. La Salle, Chicago, Ill.
- Worcester China Co., Sebring, Ohio.
- Worcester Counter Co., shoe welting, etc., Worcester, Mass.
- Worcester Elastic Stocking & Truss Co., Worcester, Mass.
- Worcester Elec. & Mfg. Co., machsts., Worcester, Mass.
- Worcester Envelope Co., Worcester, Mass.
- Worcester Fertilizer Co., Snow Hill, Md.
- WORCESTER FLEXIBLE TUBING COMPANY**, mfrs. lathe & planer, tool holders & flexible metallic tubing, 63 Beacon, Worcester, Mass. *See adv index at end of book*
- Worcester Gear Wks., Worcester, Mass.
- Worcester Lathe Co., Worcester, Mass.
- Worcester Lawn Mower Co., grass catchers & lawn mowers, Worcester, Mass.
- Worcester Loom Wks., machsts., 7 Summer, Worcester, Mass.
- Worcester Lunch Car & Carriage Co., Worcester, Mass.
- Worcester Machine Screw Co., Standard Screen Co., successors, Worcester, Mass.
- Worcester Mfg. Co., door checks & tire vulcanizers, Worcester, Mass.
- Worcester Nov. & Wire Co., rat traps, Canton, Ohio.
- Worcester Pattern & Model Co., grinders for woodworking tools, mfrs., 93 Foster, Worcester, Mass.
- Worcester Polytechnic Institute, engng. school & coll., Worcester, Mass.
- Worcester Pressed Steel Co., light & heavy metal stampings, Worcester, Mass.
- Worcester Pressed Steel Co., scabbards, Columbus, Ohio.
- Worcester Rubber Co., Worcester, Mass.
- Worcester Salt Co., 71 Murray, New York.
- Worcester Stained Glass Wks., Worcester, Mass.
- Worcester Stamped Metal Co., metal stampings, 9 Hunt, Worcester, Mass.
- Worcester Tire Fabric Co., Worcester, Mass.
- Word Bros., drill sharpening machines, San Francisco, Cal.
- Wordell, E., & Son, cornices & skylights, Taunton, Mass.
- Worden-Allen Co., steel structural work, Box 528, Milwaukee, Wis.
- Worden Chemical Wks., 4 Cedar, New York.
- Worden, G. G., architect, Kalamazoo, Mich.
- Worden Ink & Mfg. Co., 67 Pearl, New York.
- Worden, L. B., plumb rules, Penn Yan, N. Y.
- Worden-Meeker Varnish Co., Alameda, Ohio.
- Worden Tool Co., machine knives, 1854 Scranton rd, Cleveland, Ohio.
- Worel & Stangel, Co., whol. hdwe., Manitowoc, Wis.
- Work, N. P., architect, Clinton, Ia.
- Workman, G. W., flour mills, Echo, W. Va.
- Workman, H. B., Co., halters, straps, ties, etc., Lititz, Pa.
- Workman, James & Son, carriages, Stenbenville, Ohio.
- Workman Packing Co., 432 7th, San Francisco, Cal.
- Workman, Wilburn, architect, Torrington, Conn.
- Worke Co., carbon removers, 125 Winslow, Racine, Wis.
- World Film Corp., 126 W. 46th, New York.
- World Granite Co., East Barre, Vt.
- World Mfg. Co., bath cabinets, 120 W. 3d, Cincinnati, Ohio.
- World Nov. Displays Co., 71 Nassau, New York.
- World Polish Mfg. Co., shoe & furniture polish, York, Pa.
- World Refining Co., belt dressing, boiler compounds, oil, etc., Easton, Pa.
- World's Fair Wrecking Co., stone, etc., Richmond & Horne, Cincinnati, Ohio.
- Worley Bros., cotton batting, Mohnton, Pa.
- Worley, John, scientific instrument jewels, Waltham, Mass.
- Worley & Nelson, contractors, Logan, Utah.
- Worm & Co., meat packers, Ray & Dakota, Indianapolis, Ind.
- Worman Steel Casting Co., Redding, Cal.
- Wormer, C. C., Co., machy. dlrs., Penobscot Bldg., Detroit, Mich.
- Worrall, Wm. S., Jr., architect, Bridge Plaza N., Long Island City, N. Y.
- Worrell Mfg. Co., disinfectants, 212 N. Main, St. Louis, Mo.
- Worrell, S. E., drying machs., Hannibal, Mo.
- Worrman, E. W., lumber, Vickery, Ohio.
- Worst & Shepardson, architects, 344 Coulter Blk, Aurora, Ill.
- Wortendyke Mfg. Co., toilet & bags paper, Richmond, Va.
- Worth Bros., Co., machsts., Coatesville, Pa.
- Worth Wire Wks., fence stays, Kokomo, Ind.
- Wortham Cotton Oil Co., meal, Wortham, Tex.
- Worthington Ball Co., Elyria, Ohio.
- Worthington Co., invalid chairs, etc., Elyria, Ohio.
- Worthington, Geo., architect, Keyser Bldg., Baltimore, Md.
- Worthington, Geo., Co., plumbers' supplies—jobbers, 803 3d, St. Clair av, N. W., Cleveland, Ohio.
- Worthington Hardware Co., Staunton, Va.
- Worthington, Hy. R., Co., machts., Harrison, N. J.
- Worthington Pump & Machy. Corp., power & mining machy., 115 B'way, New York & Cudahy, Wis.
- Worthington & Raymond, jewelers' machy., 47 John, New York.
- Worthington, Thos., 1st Nat. Bk. Bldg., Birmingham, Ala.
- Worthington Water Tube Boiler Co., boiler mfrs., 30 Warren, New York.
- Worthman & Steinbach, architects, 1859 W. Chicago av, Chicago, Ill.
- Worthy Paper Co. Ass'n, Mittineague, Mass.
- Wortman, J. R., cornices, Shreveport, La.
- Wortmann & Braunn, architects, 114 E. 28th, New York.
- Wostenholm, Geo., & Son, razors, knives, erasers, etc., 105 Chambers, New York.
- Wotherspoon, Jas. R., fumigators, ovens, cans, etc., 238 N. Front, Philadelphia, Pa.
- Wotherspoon Plaster Mills, 725 Vernon av, Long Island City, N. Y.
- Woven Steel Hose & Rubber Co., Trenton, N. J.
- Wozny, Bruno, architect, 381 Main, Springfield, Mass.
- Wranck, Frank, pearl buttons, 15th av, Long Island City, N. Y.
- Wray, Andrew J., granite producer, 328 S. Cherry, Richmond, Va.
- Wray, Chas. H., architect, Rialto Bldg., St. Louis, Mo.
- Wray, Hy., & Son, machsts. & fndrs., Rochester, N. Y.
- Wray Mills Co., flour, Wray, Colo.
- Wreiser Bros., machinists, Dassell, Minn.
- Wren, Thos. E., & Co., contractors, Springfield, Ohio.
- Wren, W. J., lumber, Wrens, Ga.
- Wrench, C. E., cornices, Detroit, Mich.
- Wrenn, A., & Sons, carriages, Norfolk, Va.
- Wrenn Paper Co., Middletown, Ohio.
- Wrenn, Werner, architect, Lewis Bldg., Portland, Ore.
- Wrenshall Brick Co., Wrenshall, Minn.
- Wright, A. B., & Co., mill & facty. supplies, 230 Washington, Buffalo, N. Y.
- Wright, Albert H., architect, 27 Kilby, Boston, Mass.
- Wright & Alexander Co., mill & facty. supplies, Rochester, N. Y.
- Wright, Alonzo D., architect, 40 State, Boston, Mass.
- Wright, Barrett & Stillwell Co., wall boards, pads, etc., University & Hampden avs, St. Paul, Minn.
- Wright, Benjamin F., contractor, Anderson, Ind.
- Wright Bros. & Co., flour mills, Greenville, Mich.
- Wright Bros. Hardware Co., Vicksburg, Miss.
- Wright Bros. Lumber Co., Ltd., Coulee City, Wash.
- Wright Bros. Paper Box Co., Fond Du Lac, Wis.
- Wright, C. E., Co., cutting machs. for fabrics, Kenilworth, N. J.
- Wright, C. L., cornices, Belfast, Me.
- Wright, C. T., Engine Co., machsts. & fndrs., Greenville, Mich.
- Wright, C. W., lumber, Allene, Ark.
- Wright Canning Co., Aberdeen, Md.
- Wright Carriage Body Co., Moline, Ill.
- Wright, Chas., contractor, 517 2d, San Francisco, Cal.
- Wright, Charles E., Co., machsts. & fndrs., Kenilworth, N. J.
- Wright, Chas. H., architect, Provo City, Utah.
- Wright, Chas. O., sash, door & blind mfrs., 3368 Elston av, Chicago, Ill.
- Wright, Chas. W., bldg. contr., 23 Central av, Lynn, Mass.
- Wright Chemical Co., 38 Park Row, New York, & Susquehanna, Pa.
- Wright & Craycroft, mouldings, 1448 W. 21st, Chicago, Ill.
- Wright, Cruze Hardware Co., Knoxville, Tenn.
- Wright-Cutter Co., rope cutters, Orient av, Boston, Mass.
- Wright & Ditson, sporting & athletic goods mfrs., 344 Washington, Boston, Mass.
- Wright, E. B., contractor, Steelton, Pa.
- Wright, E. E., paint mfrs., Waterbury, Conn.
- Wright, F., canned goods, Federalsburg, Md.
- Wright, F. L., Jr., architect, 112 W. 9th, Los Angeles, Cal.
- Wright, F. M., sashes, doors & blinds, St. Cloud, Minn.
- Wright, Frank A., 110 E. 23d, New York.
- Wright, Frank L., architect, 220 S. Michigan av, Chicago, Ill.
- Wright, Frank M., architect, 36 Claremont pl, Mount Vernon, N. Y.
- Wright, G. A., stone producers, Bay City, Mich.
- Wright, G. H., architect, Danvers, Mass.
- Wright, Garret S., contractor, 415 W. 24th, New York.
- Wright Gas Iron & Novelty Co., 13th & Cumberland, Phila., Pa.
- Wright, Geo. W., machst. & fndr., Lapel, Ind.
- Wright, Gordon A., architect, Union Bldg., Syracuse, N. Y.
- Wright, Grey G., & Son, rubber, steel stamps, etc., 119 Opera pl, Cincinnati, Ohio.
- Wright, H. D., granite, Graniteville, Mass.
- Wright, H. P., & Co., contractors, 30 E. 42d, New York.
- Wright, H. S., contractor, Everett, Wash.
- Wright, Hy., landscape architect, Chemical Bldg., St. Louis, Mo.
- Wright & Hohl, architects, American Trust Bldg., Cleveland, O.
- Wright, I. L., architect, Richfield, Utah.
- Wright, J. A., contractor, Elgin, Ill.
- Wright, J. A., & Co., metal polish, Keene, N. H.
- Wright, J. K., machst., 390 Smith, Brooklyn, N. Y.
- Wright, J. K., Printing Ink Co., 531 N. 9th, Philadelphia, Pa.
- Wright, Jas. Hayden, architect, 8 Beacon Boston, Mass.
- Wright Kitchen Lumber Co., Ashland, Ky.
- Wright & Kremers, architects, Gluck Bldg., Niagara Falls, N. Y.
- Wright & Kuntz Lumber Co., Piqua, Ohio.
- Wright, L. V., contractors, Lancaster, Pa.
- Wright Land Level Co., Cave Spring, Ga.
- Wright & Lindsley, contractors, Orange, N. J.
- Wright Lbr. Co., 148 W. 38th, New York.
- Wright, Luther M., carriages, So. Norwalk, Conn.
- Wright, Lysander, Jr., elevators, 9 Alling, Newark, N. J.
- Wright, M. D., ties, poles & posts, Coeur d'Alene & Hayden Lake, Idaho.
- Wright, M., & Son Co., hoists, Montpelier, Vt.
- Wright, M., & Son Co., machy., Putnamville, Vt.
- Wright Mfg. Co., chain hoists, Lisbon, Ohio.



- Wright Mfg. Co., exhaust heads, filters, gauges, etc., 97 Wood-bridge, W., Detroit, Mich.
- Wright Mfg. Co., furnace pipe & fittings, New Haven, Conn.
- Wright Mfg. Co., machsts. & fndrs., 133 Master, Phila., Pa.
- Wright Mfg. Co., spray pumps, Pontiac, Mich.
- Wright, Marcellus E., architect, Allison Bldg., Richmond, Va.
- Wright-Martin Aircraft Corp., 60 B'way, New York.
- Wright Metal Mfg. Co., Anderson, Ind.
- Wright, O. H., canned goods, Vinton, Va.
- Wright, O. H., & Co., masons' & bldrs.' matls., Belvidere, Ill.
- Wright, Parker O., Jr., architect, Security Bldg., Los Angeles, Cal.
- Wright, R. G., & Co., dairy apparatus & supplies, Buffalo, N. Y.
- Wright, Robt. L., architect, Madison, Wis.
- Wright & Rushforth, architects, 354 Pine, San Francisco, Cal.
- Wright, S. D., & Co., auto. & furniture fringes & binding, etc., 1017 N. Front, Philadelphia, Pa.
- Wright & Saunders, canned goods, Bedford, Va.
- Wright & Sons Co., hdwe. mfrs., pianos & organs, 51 Jackson, Worcester, Mass.
- Wright, Stillman & Co., flour, Berlin, Wis.
- Wright Storage Battery Co., Poughkeepsie, N. Y.
- Wright, T. B., & Son, lumber, McLeansboro, Ill.
- Wright & Taylor, gin distilleries, Louisville, Ky.
- Wright, Thomas, Co., wagons, carts, hoists, 71 Golden, Jersey City, N. J.
- Wright Truck Attachment Co., Seattle, Wash.
- Wright Tyndale & Van Roden, potteries, 1212 Chestnut, Philadelphia, Pa.
- Wright, U. G., motor boats, Paulsboro, N. J.
- Wright, W. E., Co., masons' & bldrs.' matls., Akron, Ohio.
- Wright, W. J., & Son, canned goods, Choptank, Md.
- Wright, Wheeler D., architect, Altamont, N. Y.
- Wright-Whittier Co., canned goods, Ogden, Utah.
- Wright & Wilhelmy Co., whol. hdwe., Omaha, Neb.
- Wright, Wm. S., organs, Dover, N. J.
- Wright Wire Co., wire & wire product mfrs., Worcester, Mass.
- See adv index at end of book.*
- Wrightman, D. M., & Son, machsts. & fndrs., McMinnville, Tenn.
- Wrightman, Geo. L., contr., 171 Westminster, Providence, R. I.
- Wrights Bros. Hardware Co., Vicksburg, Miss.
- Wrightson, C. T., canned goods, Easton, Md.
- Wrightsville Hdwe. Co., Wrightsville, Pa.
- Wrigley Co., whol. hdwe., Mahaffey, Pa.
- Wrigley Mfg. Co., soap, Bourse, Philadelphia, Pa.
- Wrigley, Thos., Co., elec. cable, conduit hangers, printing press & special machinery, etc., 416 N. Dearborn, Chicago, Ill.
- Wrigley, Wm., & Co., machsts., Lowell, Mass.
- Wrinkle & Miller Foundry & Machine Co., Dalton, Ga.
- Wrinkle Paint Mfg. Co., Columbus, Ohio.
- Wrisley, Allen B., Co., soap & soap powders, 923 S. 5th av, Chicago, Ill.
- Wroe, John, contractor, 449 N. Crafton av, Dayton, Ohio.
- Wroe, W. E., & Co., bond paper, 208 E. Illinois, Chicago, Ill.
- Wrought Iron & Art Glass Fixture Co., 6 Howard, New York.
- Wrought Iron Range Co., 5661 Natural Bridge av, St. Louis, Mo.
- Wrought Washer Mfg. Co., iron washers, 54 S. Bay, Milwaukee, Wis.
- Wuehrmann, Wm. G., architect, 6954 Yale av, Chicago, Ill.
- Wuellner, J. J., & Son, contractors, Alton, Ill.
- Wuertz, O. W., Co., pianos, 1518 3d av, New York.
- Wuest, Adam, mattresses, 514 E. Pearl, Cincinnati, Ohio.
- Wuest, Gustav P., architect, Wainwright Bldg., St. Louis, Mo.
- Wuichet, Chas., & Co., cornices, 14 S. Canal, Dayton, Ohio.
- Wulchet Fertilizer Co., Dayton, Ohio.
- Wuichet, Louis, lbr., Ry. Exch. Bldg., Chicago, Ill.
- Wulbern Fertz. Co., Charleston, S. C.
- Wulff, Chas. A., architect, 340 Madison av, New York.
- Wunder, Fred'k., & Son, brewery archts., 957 B'way, Bklyn, N. Y.
- Wunder, J., & Co., signs, 225 W. Van Buren, Chicago, Ill.
- Wunder, John, contractor, Lumber Exch., Minneapolis, Minn.
- Wunderlich, George H., lumber, Elmhurst, Wis.
- Wurdack, Wm., Elec. Mfg. Co., panelboard cabinets, switches, etc., 211 S. 11th, St. Louis, Mo.
- Wurdeman, Chas., architect, Columbus, Neb.
- Wurlitzer, Rudolph Co., musical instruments, 117 E. 4th, Cincinnati, Ohio.
- Wurlitzer, Rudolph, Mfg. Co., pianos, North Tonawanda, N. Y.
- Wurmser, H. O., architect, Lorain, Ohio.
- Wurst, C. H., Co., cornices, Quincy, Ill.
- Wurster Constr. Co., contractors, San Diego, Cal.
- Wurster, E. M., carriages, Ann Harbor, Mich.
- Wurster, F. W., & Co., machsts. & fndrs., 375 Kent av, Brooklyn, N. Y.
- Wurth, Ed. A., architect, 9 Clinton, Newark, N. J.
- Wurtz, L. J., sash, door & blind, Boston, N. Y.
- Wurtz & Son, iron & steel forgings, Builders Exch., Buffalo, N. Y.
- Wussow, H. A., bldg. contr., 191 Concordia av, Milwaukee, Wis.
- Wusterbarth Bros., machsts. & fndrs., Meriden, Conn.
- Wustrow, K. A., landscape archt., 920 17th, N. W., Wash., D. C.
- Wyandotte Awning & Tent Co., Kansas City, Kans.
- Wyandotte Coal & Lime Co., masons' & bldrs.' matls., Kansas City, Kans.
- Wyandotte Portland Cement Co., 1525 Ford blk, Detroit, Mich.
- Wyantskill Mfg. Co., bags & bagging, Troy, N. Y.
- Wyatt, F., Mfg. Co., agricultural impts., Salina, Kans.
- Wyatt, H. C., & Son, masons' & bldrs.' matls., Butler, Mo.
- Wyatt Lbr. Co. (Ltd.), Wyatt, La.
- Wyatt & Nolting, archts., Keyser Bldg., Baltimore, Md.
- Wyatt, Thos., Mfg. Co., cable & marine chains, etc., 27 Wyatt, Providence, R. I.
- Wybel Stove & Chandelier Co., Akron, Ohio.
- Wyckoff, A., & Son Co., wood pipe, Elmira, N. Y.
- Wyckoff Bros., machsts., Highstown, N. J.
- Wyckoff, J. C., & Son, cornices, Raritan, N. J.
- Wyckoff & Lloyd Co., heating & plumbing contractors, 19 Worthington, Springfield, Mass.
- Wyckoff Lbr. & Mfg. Co., portable houses, Ithaca, N. Y.
- Wyckoff Pipe & Creosoting Co., ties, poles, etc., 30 East 42d, New York.
- Wye, Geo. E., Co., bathing suits, Needham, Mass.
- Wye, Wm. H., & Co., bathing suits, Needham, Mass.
- Wyeth Hardware & Mfg. Co., St. Joseph, Mo.
- Wyeth, Nathan C., architect, 1517 H. N. W., Washington, D. C.
- Wykes-Schroeder Co., masons' & bldrs.' matls., Grand Rapids, Mich.
- Wyllie, A. P., Mfg. Co., wood handles, Lawrenceburg, Tenn.
- Wyllie, H. R., China Co., domestic, Huntington, W. Va.
- Wyllie, J. S., Co., concrete chutes, Oklahoma, Okla.
- Wyllie, J. T., & Co., lbr. mfrs., Saginaw, Mich.
- Wyllie-Saylor Granite Co., 627 Central av, Newark, N. J.
- Wyman Canning Co., Milbridge, Me.
- Wyman Chemical Co., acetate of lime, wood alcohol, etc., Port Allegany, Pa.
- Wyman, D. W., & Son, common brick, Scottsburg, Ind.
- Wyman, Ferdinand A., Jr., contr., 294 Wash., Boston, Mass.
- Wyman, G. H., architect, Henne Bldg., Los Angeles, Cal.
- Wyman-Gordon Co., forgings, Worcester, Mass.
- Wyman, J., & Son, canned goods, Millbridge, Me.
- Wyman, P., landscape archt., McKnight Bldg., Minneapolis, Minn.
- Wyne, Geo. E., contractor, Munsey Bldg., Washington, D. C.
- Wynkoop Bros., cornices & skylights, Portland, Ore.
- Wynkoop-McGormley Co., contractors, Ohio Bldg., Toledo, Ohio.
- Wyoming Canning & Preserving Co., Wyoming, N. Y.
- Wyoming Engineering Const. Co., steamfitters' supplies, 40 N. Main, Wilkes-Barre, Pa.
- Wyoming Painting & Paint Mfg. Co., Wyoming, Pa.
- Wyoming Shovel Wks., Wyoming, Pa.
- Wyoming Valley Lbr. Co., Pittston, Pa.
- Wyoming Valley Supply & Mfg. Co., plumbers' supplies—jobbers, Wilkes-Barre, Pa.
- Wyoming Yarn Co., Wyoming, R. I.
- Wysong, A. F., architect, Princeton, W. Va.
- Wysong & Miles Co., machinery, Greensboro, N. C.
- Wyss Mfg. Co., essential oils, 3640 20th, San Francisco, Cal.
- Wysbrod, E. V., & Co., oil & gas well supplies, Findlay, Ohio.
- Wythe, W. J., architect, Central Bk. Bldg., Oakland, Cal.
- Wytheville Iron Wks., castings, Wytheville, Va.
- Wytheville Mfg. Co., sash, door & blind, Wytheville, Va.
- Wyville & Stewart, architects, Pittsburgh Bldg., St. Paul, Minn.
- Xardell Bros. Co., auto. mufflers, Utica, N. Y.
- Xenia Rubber Mfg. Co., solid tires, Xenia, Ohio.
- Yaeger & Bolte, machsts. & fndrs., 26 Cliff, New York.
- Yaeger, C. Scott, architect, Alexandria, La.
- Yager & Halstead, canned goods, Cortland, N. Y.
- Yohola Sand Co., Muskegee, Okla.
- Yahr & Lange Drug Co., plate glass, 207 E. Water, Milwaukee, Wis.
- Yakima Hardware Co., cornices & skylights, N. Yakima, Wash.
- Yakima Iron Works, machsts. & fndrs., North Yakima, Wash.
- Yakima Meat Co., packers, North Yakima, Wash.
- Yakima Valley Htg. & Plumbing Co., North Yakima, Wash.
- Yale, C. I., Mfg. Co., tinned spoons, Yalesville, Conn.
- Yale Canning Co., Yale, Mich.
- Yale, H. P. & Co., mill supplies, Milwaukee, Wis.
- Yale Knitting Co., sweaters, Malden, Mass.
- Yale Knitt'g Mills, sweaters, cardigans, etc., 514 Broadway, New York.
- Yale Light Co., lamps, 541 W. Washington blvd, Chicago, Ill.
- Yale Machy. Co., Yale, Mich.
- Yale Mfg. Co., bicycle, locks, 2056 E. 4th, Cleveland, Ohio.
- Yale Novelty Co., manicure sets & stationers specialties, Leominster, Mass.
- Yale & Reagan, contractors, 11 S. La Salle, Chicago, Ill.
- Yale & Towne Mfg. Co., door buttons, hangers & hdwe. mfrs., 9 E. 40th, New York.
- Yale University (Sheffield Scientific), enging. schools & coll., New Haven, Conn.
- Yankee Co., marine mufflers, Utica, N. Y.
- Yankee Hill Brick Mfg. Co., Lincoln, Neb.
- Yankee Wizard Clock Co., 18 Broadway, New York.
- Yankton Roofing Co., cornices & skylights, Yankton, S. D.
- Yantic Woolen Co., flannels, Yantic, Conn.
- Yarbrough & Bellinger Co., scrap iron & steel, Charlotte, N. C.
- Yard & Hichborn, contractors, 215 W. 6th, Los Angeles, Cal.
- Yard, J. W., & Son, architects, Penn Bldg., Erie, Pa.
- Yardley Mills Co., flour, Yardley, Pa.
- Yarnall Paint Co., 1026 Race, Philadelphia, Pa.
- Yarnall, T. Elwood, contractor, Carlisle, Pa.
- Yarnall-Waring Co., clamps, couplings, valves, etc., Harrison Bldg., Philadelphia, Pa.



- Yarnell, B. F., contractor, 227 S. Union, Los Angeles, Cal.  
 Yarnell & Yarnell, brick, Napoleon, Ohio.  
 Yarnelle Lbr. & Coal Co., masons' & bldrs.' matls., Wabash, Ind.  
 Yaryan Co., evaporators, distilling app., bleaching mchy., 25 Church, New York.  
 Yates & Co., paint, 762 Folsom, San Francisco, Cal.  
 Yates County Canning Co., Penn Yan, N. Y.  
 Yates & Donelson Co., flour mills, Memphis, Tenn.  
 Yates, G. H., granite, Biddleford, Me.  
 Yates, J. A., flour mills, Houston, Va.  
 Yates, J. A., Machine Co., Birmingham, Ala.  
 Yates, J. W., hdwe. spec., 168 8th av, New York.  
 Yates, James, contractor, Pleasantville, N. Y.  
 Yates Lumber Co., grape baskets, Penn Yan, N. Y.  
 Yates, P. B., Machine Co., wood working mchy., Beloit, Wis.  
 Yates, Stephen O., architect, 904 1-2 Main, Richmond, Ind.  
 Yates, Wilbur, contractor, Marion, Ind.  
 Yates, Wm., contractor, Marion, Ind.  
 Yatman Rubber Co., erasers, 267 Mt. Pleasant av, Newark, N. J.  
 Yauger & Co., contractors, 133 W. Washington, Chicago, Ill.  
 Yawger, A. J., & Co., contractors, 450 N. Belmont av, Indianapolis, Ind.  
 Yawkey Lumber Co., Wausau, Wis.  
 Yawman & Erbe Mfg. Co., office furniture & devices, St. Paul, Rochester, N. Y.  
 Yaxley Mfg. Co., time-recording system clocks, 1101 W. Monroe, Chicago, Ill.  
 Yaysing Iron & Fdry. Co., 2521 Montgomery, St. Louis, Mo.  
 Yeager Lbr. Co., 932 Elk, Buffalo, N. Y.  
 Yeager, M. S., contractor, Trust & Savings Bldg., Los Angeles, Cal.  
 Yeager M., & Son, contractors, Danville, Ill.  
 Yeager, S., oil well supplies, Petrolia, Pa.  
 Yeager, Wm. B., cornices, Reading, Pa.  
 Yealm, J., contractor, 1058 Pierpont av, Salt Lake City, Utah.  
 Yeaman, James H., architect, City Hall, Nashville, Tenn.  
 Yearsley, Thos., Co., machy. dlrs., 224 N. 3d, Phila., Pa.  
 Yeazell-Goldstein Co., soap, Columbus, Ohio.  
 Yeldham, Herman J., Co., cornices, 950 W. Van Buren, Chicago, Ill.  
 Yellow Pine Co., lbr. mfrs., 16 Beaver, New York.  
 Yellow Pine Co. of Phila. lbr., 30th & Spruce, Phila., Pa.  
 Yellow Pine Lumber Co., Charleston, W. Va., & Jackson, Miss.  
 Yellow Pine Paper Co., Orange, Tex.  
 Yellow Poplar Lumber Co., Coal Grove, Ohio.  
 Yellow Springs Canning Co., Yellow Springs, Ohio.  
 Yellow Rock Pottery Co., Phila., Pa.  
 Yenger, B., stone producers, Elmira, N. Y.  
 Yennie, Wm. J., & Co., contractors, 45 E. 42d, New York.  
 Yeo, Edwin A., architect, Stephen Girard Bldg., Phila., Pa.  
 Yeo, Robert J., architect, 524 Massachusetts av, Boston, Mass.  
 Yeoman Lumber Co., Pe Ell, Wash.  
 Yeomans Box Co., packing, shoos, 274 Wight, Detroit, Mich.  
 Yeomans Bros., Co., elec. pumping machy., 231 Institute pl, Chicago, Ill.  
 Yeomans & Shedd Hardware Co., Danville, Ill.  
 Ye Planry, Inc., architect, 1605½ Main, Dallas, Tex.  
 Ye Planry of Waco, architect, Peerless Bldg., Waco, Tex.  
 Yerkes, H. V., architect, Glenside, Pa.  
 Yerks & Co., sash, door & blind mfrs., Yonkers, N. Y.  
 Yesbera Mfg. Co., metallic furniture, Toledo, Ohio.  
 Yessler, Harry E., architect, Hagerstown, Md.  
 Yessler, Max, paper clips, Milwaukee, Wis.  
 Yingling Bros., & Co., handles, Monroeville, Ohio.  
 Yingling, C. E., cornices & skylights, Lexington, Mo.  
 Yingling, Jos. P., canned goods, Pleasant Valley, Md.  
 Yingling, Martin, Brick Co., Pittsburgh, Pa.  
 Yoakum Cotton Oil Co., meal, Yoakum, Tex.  
 Yoch, F. T. (Miss), architect, 210 W. 7th, Los Angeles, Cal.  
 Yockel Bros., htg. contrs., 962 Washington av, New York.  
 Yockel, Chas., & Sons, machsts., 1220 N. Lawrence, Phila., Pa.  
 Yocom, Jas., & Son, power transmitting machy., 145 N. 2d, Phila., Pa.  
 Yocona Mills, cord, twine, mops, Watervalley, Miss.  
 Yoder, C. B., & Co., architects, Ry. Exch. Bldg., St. Louis, Mo.  
 Yoder, Ellis Y., flour mills, Pikesville, Pa.  
 Yoder, Thos., Mfg. Co., temperature regulators, valves, 5510 Walworth, Cleveland, Ohio.  
 Yohe Bros., masons' & bldrs.' matls.—contractors, Monongahela, Pa.  
 Yohe, Geo. W., architect, Monongahela, Pa.  
 Yohe, Wm. S., mill & facty. supplies, Canton, Ohio.  
 Yolande Coal & Coke Co., Birmingham, Ala.  
 Yonkers Builders' Supply Co., Yonkers, N. Y.  
 Yonkers Plumbing Supply Co., Yonkers, N. Y.  
 Yonts, C. H., & Co., benders, bits, drills, reamers, wrenches, etc., Meadville, Pa.  
 York Alfalfa Mills, meal, York, Neb.  
 York Automatic Dumb Waiter Wks., York, Pa.  
 York Brick & Tile Co., York, Neb.  
 York Bros., contractors, Cape May City, N. J.  
 York Button Works, B. & Allegheny, Phila., Pa.  
 York, C. J., machinist, Downieville, Cal.  
 York, C. V., contractor, Raleigh, N. C.  
 York Card & Paper Co., wall paper, York, Pa.  
 York Carriage Co., automobile bodies mfrs., York, Pa.  
 York Chemical Works, fertilizer, York, Pa.  
 York Corrugating Co., cornices & skylights, York, Pa.  
 York Cut Stone Co., stone producers, York, Pa.  
 York Elec. & Mach. Co., lamp making machinery, 45 B'way, New York.  
 York Engng. Co., heating contractors, York, Pa.  
 York Foundry & Engine Works, coal chutes, York, Neb.  
 York Foundry & Machine Co., York, Pa.  
 York Harbor Brick Co., York Village, Me.  
 York Haven Paper Co., Land Title Bldg., Philadelphia, Pa.  
 York Heating & Ventilating Co., heating contr., York, Pa.  
 York Hill Trap Rock Quarry Co., Meriden, Conn.  
 York, John D., architect, 1323 N. Clark, Chicago, Ill.  
 York Mfg. Co., denims, Saco, Me.  
 York Mfg. Co., ice & refrigerating machines, York, Pa.  
 York Metal & Alloy Co., alloy mfrs., York, Pa.  
 York Paper Mfg. Co., York, Pa.  
 York Pattern Works, York, Pa.  
 York, R. A., lumber, Mars Hill, Me.  
 York Safe & Lock Co., safe manufacturers, York, Pa.  
 York & Sawyer, architects, 50 E. 41st, New York.  
 York Shale Press Brick Co., York, Pa.  
 York Tack & Nail Works, York, Pa.  
 York Valley Lime Co., York, Pa.  
 York Wagon Gear Co., automobile & wagon bodies, York, Pa.  
 York Wall Paper Co., York, Pa.  
 York Woven Wire Mattress Co., York, Pa.  
 Yorke Derrick Co., Washington, Pa.  
 Yorks Fdry. & Mach. Shop, Honeoye Falls, N. Y.  
 Yorks, Henry, land rollers, Honeoye Falls, N. Y.  
 Yorktown Cotton Oil & Mfg. Co., meal, Yorktown, Tex.  
 Yorkville Contr. Co., contractors, 430 E. 82d, New York.  
 Yorkville Iron Wks., 433 E. 74th, New York.  
 Yorkville Scrap Rubber & Metal Co., 266 W. 53d, New York.  
 Yorston, W. R. & Co., contractors, Atlas blk., Salt Lake City, Utah.  
 Yosemite Flour Mills, San Francisco, Cal.  
 Yosemite Oil Refining Co., petroleum, Cheney & Harriet, Los Angeles, Cal.  
 Yost, A. M., & Son, lumber, Edmonds, Wash.  
 Yost, Amos S., contractor, 1004 Pennsylvania av, SE, Washington, D. C.  
 Yost Bros., machsts. & fndrs., Creighton, Pa.  
 Yost, D. S., architect, Braddock, Pa.  
 Yost Elec. Mfg. Co., lamp sockets, Toledo, Ohio.  
 Yost Furnace Co., Canton, Ohio.  
 Yost, G. M. Mfg. Co., machsts., Meadville, Pa.  
 Yost Gearless Motor Co., wood washing machine parts, Springfield, Ohio.  
 Yost, Henry L., architect, 467 Bloomfield av, Montclair, N. J.  
 Yost, Jacob F., brick, Barlow, Ore.  
 Yost, John, Co., contractor, Elkhart, Ind.  
 Yost, Wm., contractor, 1315 11th, SE, Washington, D. C.  
 Youens, J., & Co., masons' & bldrs.' matls., Navasota, Tex.  
 Youglioghenny Dist. Co., Sutersville, Pa.  
 Youman, E. E., buckwheat flour, Ravenna, N. Y.  
 Youmans Bros., turpentine, Lexsy, Ga.  
 Young, A. B., Co., slate for electr'l purposes, Fair Haven, Vt.  
 Young, A. F. R., archl. iron, 51 Purchase, Boston, Mass.  
 Young, A. L. Machinery Co., 28 Fremont, San Francisco, Cal.  
 Young, Alex. Distilling Co., 700 Passyunk, Philadelphia, Pa.  
 Young, Benj., Co., harness & saddle mfrs., 241 E. Water, Milwaukee, Wis.  
 Young, Blair B., lumber, Hollidaysburg, Pa.  
 Young Boiler Compound Co., Catasauqua, Pa.  
 Young Bros., jewelers' boxes, 722 Eddy, Providence, R. I.  
 Young Bros., masons' & bldrs.' matls., Danielson, Conn.  
 Young Bros. Co., granite, Barre, Vt.  
 Young Bros. Co., painters' trestles, fire & extension ladders, Worcester, Mass.  
 Young Bros. Co., percolaters, stacks, stills, tanks, etc., Detroit, Mich.  
 Young Bros. Const., Co., crushed stone, St. Joseph, Mo.  
 Young Bros. Decorative Co., plate glass, Quincy, Ill.  
 Young & Buescher Construction Co., Burlington, Ia.  
 Young-Burton Co., turpentine, Kinderlou, Ga.  
 Young, C. C., architect, Paw Paw, Mich.  
 Young, C. H., Co., stone, 653 Rice, St. Paul, Minn.  
 Young, C. W., & Co., soap, 1247 N. 26th, Philadelphia, Pa.  
 Young, C. W., Co., who. h'dwe, Juneau, Alaska.  
 Young, Calvin J., architect, 520 Washington, Reading, Pa.  
 Young, Carlos G., fish landing nets, 320 Market, San Francisco, Cal.  
 Young, Chas. A., textile machy. supplies, etc., Easton, N. H.  
 Young, Chas. W., cornices, Elmira, N. Y.  
 Young & Clifton, masons' & bldrs.' matls., Webster City, Ia.  
 Young & Co., contractors, 5 N. La Salle, Chicago, Ill.  
 Young, D. A., Co., cornices, 22 Greenwich Pk., Boston, Mass.  
 Young, D. H., architect, Reynoldsville, Pa.  
 Young, Daniel, & Co., contractors, Attleboro, Mass.  
 Young, Dan'l. & J. B., paper & pulp mills, Bentley's Springs, Md.  
 Young & Donovan, htg. contrs., North Yakima, Wash.  
 Young, E. D., brick, Greenspring, O.  
 Young, E. R. & Sons, mchsts. & fndrs., Titusville, Pa.  
 Young, E. Warren, architect, American Bk. & Tr. Bldg., Savannah, Ga.  
 Young, Edw. E., architect, 251 Kearny, San Francisco, Cal.  
 Young, Edw. Lee, architect, 118 E. 28th, New York.



- Young, Ernest W., architect, Dean Bldg., South Bend, Ind.  
 Young, F. B., & Son, contractors, Mem. Trust Bldg., Memphis, Tenn.  
 Young, F. W., architect, Lankershim Bldg., Los Angeles, Cal.  
 Young, Frank, sashes, doors & blinds, Hackensack, N. J.  
 Young, Frank L. Co., oils, 111 Purchase, Boston, Mass.  
 Young, Fred M., architect, Dexter, Me.  
 Young, G. V., & Co., lumber, Hartwell, Ga.  
 Young, Geo. & Co., baseball mfrs., 715 S. Western av, Chicago, Ill.  
 Young-Greene Lbr. Co., Goshen, Ind.  
 Young, H. P., mining supply dealer, Great Northern Bldg., Chicago, Ill.  
 Young & Halstead Co., masons' & bldrs.' matls., Mount Kisco, N. Y.  
 Young, Harold L., architect, 32 Union sq, New York.  
 Young, Henry A., architect, Keyport, N. J.  
 Young & Hughes, steamfitters' supplies, Raleigh, N. C.  
 Young & Humphrey, contractors, Louisville, Ky.  
 Young, J. A., Machine & Supply Co., Enid, Okla.  
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**CINCINNATI PLANER CO.**.....823  
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| 40 W. 3d, So. Boston, Mass.                                    |                |
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| <b>Kansas City, Mo.—Hoyle Jones, R. A. Long bldg</b>                           |               |
| <b>Minneapolis, Minn.—O. F. Symons &amp; Co., 838 Plymouth bldg</b>            |               |
| <b>Omaha, Nebr.—Wm. Proebsting, 412 S. 44th av</b>                             |               |
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| <b>Portland, Ore.—Timms, Cress &amp; Co., 184 Second.</b>                      |               |
| <b>Salt Lake City, Utah—Manufacturers Specialties Co., 418 Boston bldg</b>     |               |
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| Belgium                                                                           | } Soc. Anme. des Etabs., Fenwick Freres & Co., 8 Rue de Rocroy, Paris, France. |
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| Milwaukee, Wis.—T. C. Esser Co.                                        |                |
| New Orleans, La.—H. P. Lanphier.                                       |                |
| Portland, Me.—M. F. Bragdon Paint Co.                                  |                |
| Providence, R. I.—Starkweather & Williams Co.                          |                |
| Richmond, Va.—R. McC. Bullington Co.                                   |                |
| St. Louis, Mo.—Vane-Calvert Paint Co.                                  |                |
| San Francisco, Cal.—Whittier, Coburn Co.                               |                |



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| <b>FOXBORO CO., THE</b> .....344, 556, 1150 & 1411 |      |
| Foxboro, Mass.                                     |      |
| <b>BRANCH OFFICES:</b>                             |      |
| Birmingham, Ala.—740 Brown-Marx bldg               |      |
| Chicago, Ill.—1363 Monadnock blk                   |      |
| New York—50 Church.                                |      |
| Phila., Pa.—1414 So. Penn sq                       |      |
| Pittsburgh, Pa.—B. F. Jones bldg                   |      |
| St. Louis, Mo.—1984 Railway Exch. bldg             |      |
| San Francisco, Cal.—461 Market.                    |      |
| <b>FOREIGN OFFICES:</b>                            |      |
| Havana, Cuba—(Cuervo & Pagliery).                  |      |
| London, England (Sanders, Rehders & Co.).          |      |
| Montreal, Canada (Peacock Bros.).                  |      |
| Yokahama, Japan—(L. J. Healing & Co.)              |      |
| <b>FRAM, E. T. LOCK CO</b> .....719 & 740          |      |
| Lancaster, Pa.                                     |      |
| <b>FRANKLIN MFG. CO.</b> .....232                  |      |
| Magnolia, Syracuse, N. Y.                          |      |
| <b>FRASSE, PETER A. &amp; CO. (INC.)</b> .....1314 |      |
| 417-421 Canal, New York.                           |      |
| <b>BRANCH OFFICES:</b>                             |      |
| Buffalo, N. Y.—50-52 Exchange.                     |      |
| Philadelphia, Pa.—625 Arch.                        |      |
| <b>WORKS:</b>                                      |      |
| Hartford, Conn.—45 Boulevard.                      |      |

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| <b>GANSCHOW, WM. CO.</b> .....564                                                      |  |
| 1001 Washington blvd., Chicago, Ill.                                                   |  |
| <b>GASKEY SUPPLY CO.</b> .....552, 1302 & 1497                                         |  |
| 1927 Ludlow, Philadelphia, Pa.                                                         |  |
| <b>GEM MFG. CO.</b> .....201, 261, 278, 407, 1001, 1002, 1247, 1302, 1304, 1431 & 1432 |  |
| Goebel nr. Fulton, N. S., Pittsburgh, Pa.                                              |  |
| <b>BRANCH OFFICE:</b>                                                                  |  |
| Philadelphia, Pa.—R 1502, Real Estate Trust bldg.                                      |  |
| <b>GENERAL ELECTRIC CO.</b> .....444                                                   |  |
| Schenectady, N. Y.                                                                     |  |
| <b>BRANCH OFFICES:</b>                                                                 |  |
| Atlanta, Ga.—Third National Bank bldg                                                  |  |
| Baltimore, Md.—Lexington Street bldg                                                   |  |
| Birmingham, Ala.—Brown-Marx bldg                                                       |  |
| Boston, Mass.—84 State.                                                                |  |
| Buffalo, N. Y.—Electric bldg                                                           |  |
| Butte, Mont.—Electric bldg                                                             |  |
| Charleston, W. Va.—Charleston Nat'l Bank bldg                                          |  |
| Charlotte, N. C.—Commercial Nat'l Bank bldg                                            |  |
| Chattanooga, Tenn.—James bldg                                                          |  |
| Chicago, Ill.—Monadnock bldg                                                           |  |
| Cincinnati, O.—Provident Bank bldg                                                     |  |
| Cleveland, O.—Illuminating bldg                                                        |  |
| Columbus, O.—Columbus Savings & Trust bldg                                             |  |
| Dallas, Tex.—Southwest G. E. Co., 1701 N. Market.                                      |  |
| Dayton, O.—Schwind bldg                                                                |  |
| Denver, Colo.—1st Nat'l Bank bldg                                                      |  |
| Des Moines, Ia.—Hippee bldg                                                            |  |
| Detroit, Mich.—G. E. Co. of Michigan, Dime Saving Bank bldg                            |  |
| Duluth, Minn.—Fidelity bldg                                                            |  |
| Elmira, N. Y.—Hulett bldg                                                              |  |
| El Paso, Tex.—Southwest G. E. Co., 500 San Francisco.                                  |  |
| Erie, Pa.—Marine Nat'l Bank bldg                                                       |  |
| Fort Wayne, Ind.—Fort Wayne Electric Works.                                            |  |
| Hartford, Conn.—Hartford National Bank bldg                                            |  |
| Houston, Tex.—Southwest G. E. Co., 3d & Washington.                                    |  |
| Indianapolis, Ind.—Traction Terminal bldg                                              |  |
| Jacksonville, Fla.—Heard National Bank bldg                                            |  |
| Joplin, Mo.—Miners Bank bldg                                                           |  |
| Kansas City, Mo.—Dwight bldg.                                                          |  |
| Knoxville, Tenn.—Bank & Trust bldg                                                     |  |
| Los Angeles, Cal.—724 South Spring.                                                    |  |
| Louisville, Ky.—Starks bldg                                                            |  |
| Memphis, Tenn.—Randolph bldg                                                           |  |
| Milwaukee, Wis.—Public Service bldg                                                    |  |
| Minneapolis, Minn.—410 Third av., N.                                                   |  |
| Nashville, Tenn.—Stahlman bldg                                                         |  |
| New Haven, Conn.—Second National Bank bldg                                             |  |
| New Orleans, La.—Maison-Blanche bldg                                                   |  |
| New York—Equitable bldg                                                                |  |
| Niagara Falls, N. Y.—Gluck bldg                                                        |  |
| Oklahoma City, Okla.—Southwest G. E. Co., Insurance bldg                               |  |
| Omaha, Neb.—Union Pacific bldg                                                         |  |
| Philadelphia, Pa.—Witherspoon bldg                                                     |  |
| Pittsburgh, Pa.—Oliver bldg                                                            |  |
| Portland, Ore.—Electric bldg                                                           |  |
| Providence, R. I.—1012 Turks Head bldg                                                 |  |

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| Richmond, Va.—Virginia Railway & Power bldg                                                           |      |
| Rochester, N. Y.—Granite bldg                                                                         |      |
| St. Louis, Mo.—Pierce bldg                                                                            |      |
| Salt Lake City, Utah—Newhouse bldg                                                                    |      |
| San Francisco, Cal.—Rialto bldg                                                                       |      |
| Schenectady, N. Y.—General Electric Wks.                                                              |      |
| Seattle, Wash.—Colman bldg                                                                            |      |
| Spokane, Wash.—Paulsen bldg                                                                           |      |
| Springfield, Mass.—Mass. Mutual bldg                                                                  |      |
| Syracuse, N. Y.—Onondaga County Savings Bank bldg                                                     |      |
| Toledo, O.—Spitzer bldg                                                                               |      |
| Washington, D. C.—Evans bldg                                                                          |      |
| Youngstown, O.—Stambough bldg                                                                         |      |
| <b>FOREIGN OFFICES:</b>                                                                               |      |
| Barranquilla, Columbia—Wesselhoeft & Wisner                                                           |      |
| Buenos Ayres, Argentine Republic—Cia General Electric Sudamericana, Inc.                              |      |
| Calcutta, India—General Electric Co. (of New York.)                                                   |      |
| Central America—G. Amsinck & Co. (New York.)                                                          |      |
| Havana, Cuba—Zaldo & Martinez.                                                                        |      |
| Johannesburg, Capetown & Durban, So. Africa—South African General Electric Co.                        |      |
| Lima, Peru—W. R. Grace & Co.                                                                          |      |
| London, E. C., Eng.—General Electric Co. (of New York.)                                               |      |
| Manila, P. I.—Pacific Commercial Co.                                                                  |      |
| Melbourne, Australia—Australian General Electric Co., Queen & Little Collins.                         |      |
| Mexico City, Mex.—Mexican General Electric Co.                                                        |      |
| Rio de Janeiro, Brazil—Companhia General Electric do Brazil.                                          |      |
| Santiago, Chili—Nitrate Agencies—Iquique International Machinery Co., Ltd.                            |      |
| Shanghai, China—Anderson, Myer & Co., Ltd.                                                            |      |
| Sydney, Australia—Australian General Electric Co., 217 Clarence.                                      |      |
| Tokyo & Seoul, Korea—Mitsui Bussan Kaisha, Ltd.                                                       |      |
| Wellington, Christchurch, Dunedin & Auckland, New Zealand—National Electrical & Engineering Co., Ltd. |      |
| Yokohama, Japan—General Electric Co. & Bagnall & Hilles.                                              |      |
| <b>GERDES, H. T.</b> .....735                                                                         |      |
| Lebanon, Pa.                                                                                          |      |
| 42 Church, New York.                                                                                  |      |
| <b>GERDES, T. N.</b> .....470 & 1488                                                                  |      |
| 123 Liberty, New York.                                                                                |      |
| <b>GERDES &amp; CO.</b> .....181, 256, 355, 565, 569, 799 & 1066                                      |      |
| Lebanon, Pa.                                                                                          |      |
| 42 Church, New York.                                                                                  |      |
| <b>GEUDER, PAESCHKE &amp; FREY CO.</b> .....1300                                                      |      |
| Milwaukee, Wis.                                                                                       |      |
| <b>BRANCH OFFICES:</b>                                                                                |      |
| Chicago, Ill.—352-358 W. Ohio.                                                                        |      |
| Detroit, Mich.—1312 Dime Bank bldg                                                                    |      |
| St. Louis, Mo.—529 Odd Fellows bldg                                                                   |      |
| <b>GILBERT &amp; BARKER MFG. CO.</b> .....541                                                         |      |
| Springfield, Mass.                                                                                    |      |
| <b>BRANCH OFFICES:</b>                                                                                |      |
| New York—50 Broadway.                                                                                 |      |
| <b>GODFREY-KEELER CO.</b> .....121, 474 & 587                                                         |      |
| 70 Warren, New York.                                                                                  |      |
| <b>GORHAM CO. ARCHITECTURAL BRONZE</b> .....164 & 165                                                 |      |
| 5th av & 36th, New York.                                                                              |      |
| <b>WORKS:</b>                                                                                         |      |
| New York, N. Y.                                                                                       |      |
| Providence, R. I.                                                                                     |      |
| <b>BRANCH OFFICES:</b>                                                                                |      |
| Cleveland, O.                                                                                         |      |
| Detroit, Mich.                                                                                        |      |
| Philadelphia, Pa.                                                                                     |      |
| Washington, D. C.                                                                                     |      |
| <b>FOREIGN OFFICES:</b>                                                                               |      |
| Buenos Aires, Argentina, S. A.                                                                        |      |
| Habana, Cuba.                                                                                         |      |
| <b>GOULDS MFG. CO.</b> .....1130                                                                      |      |
| 71 W. Fall, Seneca Falls, N. Y.                                                                       |      |
| <b>GRAHAM MFG. CO.</b> .....1489                                                                      |      |
| 96 Point, Providence, R. I.                                                                           |      |
| <b>FOREIGN AGENCIES:</b>                                                                              |      |
| Great Britain—C. W. Burton, Griffiths & Co.                                                           |      |
| France, Belgium, Italy, Switzerland, Spain & Holland—Fenwick Freres & Co.                             |      |
| <b>GRANT GEAR WORKS</b> .....565                                                                      |      |
| 151 Pearl, Boston, Mass.                                                                              |      |
| <b>GREENFIELD TAP &amp; DIE CORP'N</b> .....1386                                                      |      |
| Greenfield, Mass.                                                                                     |      |
| <b>BRANCH OFFICES:</b>                                                                                |      |
| Chicago, Ill.—13 S. Clinton.                                                                          |      |



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| New York—28 Warren.                                        |      |
| London, Eng.—149 Queen Victoria.                           |      |
| CANADIAN FACTORY:                                          |      |
| Wells Bros. Co. of Canada, Ltd., Galt, Ont.                |      |
| <b>GRISCOM-RUSSELL CO.</b> 479, 483, 571, 631, 1242 & 1243 |      |
| 92 West, New York                                          |      |
| <b>BRANCH OFFICES:</b>                                     |      |
| Boston, Mass.                                              |      |
| Chicago, Ill.                                              |      |
| Philadelphia, Pa.                                          |      |
| San Francisco, Cal.                                        |      |
| <b>SHOPS:</b>                                              |      |
| Jersey City, N. J.—72 York                                 |      |
| Massillon, Ohio                                            |      |
| <b>GWILLIAM CO.</b> .....82                                |      |
| 255 W. 58th, New York.                                     |      |
| <b>BRANCH OFFICE:</b>                                      |      |
| Philadelphia, Pa.—1314 Arch.                               |      |

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| <b>HAMMOND IRON WORKS.</b> .....1377                        |  |
| Warren, Pa.                                                 |  |
| <b>BRANCH OFFICES:</b>                                      |  |
| New York, N. Y., 2728 Whitehall bldg., 17 Battery Pl.       |  |
| Tulsa, Okla., Kennedy bldg                                  |  |
| <b>HANKE IRON &amp; WIRE WORKS.</b> .....677                |  |
| 800 No. Albany av, Chicago, Ill.                            |  |
| <b>HARRISON SAFETY BOILER WORKS.</b> .....632               |  |
| 3147 N. 17th, Phila., Pa.                                   |  |
| <b>HART MFG. CO.</b> .....1356                              |  |
| 231 Hamilton, Hartford, Conn.                               |  |
| <b>BRANCH OFFICES:</b>                                      |  |
| Boston, Mass.—170 Summer                                    |  |
| Chicago, Ill.—411 So. Jefferson.                            |  |
| Denver, Colo.—231 15th                                      |  |
| Detroit, Mich.—80 Washington blvd                           |  |
| New York—30 Church.                                         |  |
| San Francisco, Cal.—116 New Montgomery.                     |  |
| <b>FOREIGN OFFICES:</b>                                     |  |
| London, Eng.—76 & 77 Rochester Row                          |  |
| Toronto, Canada—331 W King                                  |  |
| <b>HASLETT SPIRAL CHUTE CO.</b> .....272                    |  |
| Westmoreland & 23d, Phila., Pa.                             |  |
| <b>HASSALL, JOHN, INC.</b> .....988                         |  |
| Clay & Oakland, Brooklyn, N Y.                              |  |
| <b>HAYDEN-CORBETT CHAIN CO.</b> .....252                    |  |
| Columbus, O.                                                |  |
| <b>HAYWARD CO., THE</b>                                     |  |
| 173, 174, 175, 176, 178, 403, 480, 788, 792, 793, 794 & 797 |  |
| 50 Church, New York                                         |  |

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| <b>HERCULES POWDER CO.</b> .....441                |  |
| Wilmington, Del.                                   |  |
| <b>BRANCH OFFICES:</b>                             |  |
| Chicago, Ill.—McCormick bldg                       |  |
| Denver, Colo.                                      |  |
| Hazleton, Pa.—Markle bldg                          |  |
| Joplin, Mo.                                        |  |
| Knoxville, Tenn.—Hercules Powder Sales Co.         |  |
| Memphis, Tenn.—Hercules Powder Sales Co.           |  |
| New York—120 Broadway.                             |  |
| Pittsburgh, Kan.—Commerce bldg                     |  |
| Pittsburgh, Pa.—Fulton bldg                        |  |
| St. Louis, Mo.—Pierce bldg                         |  |
| Salt Lake City, Utah—Newhouse bldg.                |  |
| San Francisco, Cal.—Chronicle bldg                 |  |
| <b>HERWIG ART SHADE &amp; LAMP CO.</b> .....445    |  |
| 2140 N. Halsted, Chicago, Ill.                     |  |
| <b>HEWITT, C. B. &amp; BROS.</b> .....113 & 1043   |  |
| 49 Beekman, New York.                              |  |
| <b>HILLES &amp; JONES CO.</b> .....827             |  |
| East Wilmington, Del.                              |  |
| <b>BRANCH OFFICE:</b>                              |  |
| Pittsburgh, Pa.—Oliver bldg                        |  |
| <b>HINDLEY GEAR CO.</b> .....569 & 1237            |  |
| 1105 Frankford av, Phila., Pa.                     |  |
| <b>HOOVEN, OWENS, RENTSHLER CO.</b> .....462 & 472 |  |
| Hamilton, Ohio                                     |  |
| <b>BRANCH OFFICES:</b>                             |  |
| Akron, O.—Hamilton, bldg                           |  |
| Atlanta, Ga.—Candler bldg                          |  |
| Boston, Mass.—H. E. Rundlett, 141 Milk             |  |
| Chicago, Ill.—Marquette bldg                       |  |
| Denver, Colo.—Stearns-Roger Mfg. Co.               |  |
| Houston, Tex.—323 Chronicle bldg                   |  |
| Los Angeles, Cal.—Chas. C. Moore & Co.             |  |
| New York—39 Cortlandt                              |  |
| Philadelphia, Pa.—Jos. Roach.                      |  |

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| Pittsburgh, Pa.—1601 Arrot bldg                  |      |
| Portland, Ore.—Chas. C. Moore & Co.              |      |
| St. Louis, Mo.—Chemical bldg                     |      |
| St. Paul, Minn.—R. B. Whitacre & Co.             |      |
| Salt Lake City, Utah—Chas. C. Moore & Co.        |      |
| San Antonio, Tex.—San Antonia Mach. & Supply Co. |      |
| San Francisco, Cal.—Chas. C. Moore & Co.         |      |
| Tucson, Ariz.—Chas. C. Moore & Co.               |      |
| <b>FOREIGN OFFICES:</b>                          |      |
| China—Anderson, Meyer & Co.                      |      |
| Honolulu, S. I.—Honolulu Iron Works.             |      |
| Japan—Mitsui & Co.                               |      |
| Korea—Mitsui & Co.                               |      |
| Philippine Islands—Pacific Commercial Co.        |      |

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| <b>HOWARD E. CLOCK CO.</b> .....282                 |  |
| Bromfield & Washington, Boston, Mass.               |  |
| <b>BRANCH OFFICES:</b>                              |  |
| Chicago, Ill.—31 N State.                           |  |
| New York—67 Maiden Lane                             |  |
| <b>HUNT, C. W. CO. (INC.)</b> .....347, 1157 & 1447 |  |
| West New Brighton, Staten Island, N. Y.             |  |
| <b>BRANCH OFFICES:</b>                              |  |
| Boston, Mass.—110 State                             |  |
| Chicago, Ill.—2014 Fisher bldg                      |  |
| New York—45 B'way                                   |  |
| Washington, D. C.—710 14th, N. W.                   |  |

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| <b>ILLINOIS MALLEABLE IRON CO.</b> .....1463                      |  |
| 1801-25 Diversey Parkway, Chicago, Ill.                           |  |
| <b>IMPERIAL BRASS MFG. CO.</b> 513, 1268, 1502 & 1509             |  |
| 1200 W. Harrison, Chicago, Ill.                                   |  |
| <b>INDEPENDENT CORK CO., INC.</b> .....357                        |  |
| 81-83 Sedgwick, Brooklyn, N. Y.                                   |  |
| <b>INDUSTRIAL MANAGEMENT.</b> See Front Adv. Pages                |  |
| (The Engineering Magazine) 6 E. 39th, New York                    |  |
| <b>INGERSOLL-RAND CO.</b> .....303                                |  |
| 11 B'way, New York                                                |  |
| <b>BRANCH OFFICES:</b>                                            |  |
| Birmingham, Ala.—Ingersoll-Rand Co., American Trust bldg.         |  |
| Boston, Mass.—Ingersoll-Sergeant Drill Co., 32 Oliver             |  |
| Butte, Mont.—Ingersoll-Rand Co., 109 B'way.                       |  |
| Chicago, Ill.—Ingersoll-Rand Co. of Illinois, Peoples Gas bldg    |  |
| Cleveland, O.—Ingersoll-Rand Co., Williamson bldg                 |  |
| Duluth, Minn.—Ingersoll-Rand Co., Providence bldg                 |  |
| El Paso, Tex.—Ingersoll-Rand Co. of Texas, 121 San Francisco      |  |
| Houghton, Mich.—Ingersoll-Rand Co., Citizens Nat'l Bank bldg      |  |
| Juneau, Alaska—Ingersoll-Rand Co.                                 |  |
| Knoxville, Tenn.—Ingersoll-Rand Co., Holston National Bank bldg   |  |
| Los Angeles, Cal.—Ingersoll-Rand Co. of Cal., 1036 Union Oil bldg |  |
| Philadelphia, Pa.—Ingersoll-Rand Co., Commercial Trust bldg       |  |
| Pittsburgh, Pa.—Ingersoll-Rand Co., Farmers' Bank bldg            |  |
| St. Louis, Mo.—Ingersoll-Rand Drill Co., 300 N B'way.             |  |
| Salt Lake City—Utah-Dooley blk                                    |  |
| San Francisco, Cal.—Ingersoll-Rand Co. of California, Rialto bldg |  |
| Scranton, Pa.—Ingersoll-Rand Co., Dime Savings Bank bldg          |  |
| Seattle, Wash.—Ingersoll-Rand Co., Colman bldg                    |  |
| <b>AGENCIES:</b>                                                  |  |
| Boston, Mass.—G. H. Sampson Co., 13 Pearl                         |  |
| Denver, Colo.—Stearns-Roger Mfg. Co., 1713 California             |  |
| Honolulu, Hawaii—Honolulu Iron Works                              |  |
| Joplin, Mo.—McNeal Machinery Co.                                  |  |
| Kansas City, Mo.—English Iron Works                               |  |
| Louisville, Ky.—Brandies Machinery & Supply Co.                   |  |
| New Orleans, La.—H. K. Ivens, Hibernia Bank bldg.                 |  |
| St. Paul, Minn.—Robinson, Cary & Sands                            |  |
| <b>FOREIGN OFFICES:</b>                                           |  |
| Budapest, Hungary—Ingersoll-Rand Co.                              |  |
| Cobalt, Ont., Can.—Canadian Ingersoll-Rand Co. (Ltd.)             |  |
| Dusseldorf, Germany—Ingersoll-Rand Co.                            |  |
| Havana, Cuba—Zaldo & Martinez                                     |  |
| Iquique, Chili—W. R. Grace & Co.                                  |  |
| Johannesburg, S. Africa—Ingersoll-Rand Co.                        |  |



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| Kalgoorlie, W. Australia—Ingersoll-Rand Co., P. O. Box 152                           |                      |
| Kobe, Japan—American Trading Co.                                                     |                      |
| La Paz, Bolivia—W. R. Grace & Co.                                                    |                      |
| Lethbridge, Alt., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                            |                      |
| Lima, Peru—W. R. Grace & Co.                                                         |                      |
| London, E. C., Eng.—Ingersoll-Rand Co., 165 Queen Victoria                           |                      |
| Madrid, Spain—Ingersoll-Rand Co.                                                     |                      |
| Manila, P. I.—Pacific Commercial Co.                                                 |                      |
| Melbourne, Australia—Ingersoll-Rand Co.                                              |                      |
| Mexico, D. F.—Victor M. Braschi & Co. (Ingersoll-Rand Dept), Apartado, Cadena, No. 2 |                      |
| Montreal, Que., Can.—Canadian Ingersoll-Rand Co. (Ltd.), Commercial Union bldg       |                      |
| Oruro, Bolivia—W. R. Grace & Co.                                                     |                      |
| Paris, France—Ingersoll-Rand Co., 33 Rue Reaumur                                     |                      |
| Rio de Janeiro, Brazil—Ingersoll-Rand Co.                                            |                      |
| Rossland, B. C., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                             |                      |
| Santiago, Chili—International Machinery Co.                                          |                      |
| South Porcupine, Ont., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                       |                      |
| Sydney, N. S., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                               |                      |
| Tokio, Japan—American Trading Co.                                                    |                      |
| Toronto, Ont., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                               |                      |
| Vancouver, B. C., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                            |                      |
| Winnipeg, Man., Can.—Canadian Ingersoll-Rand Co. (Ltd.)                              |                      |
| Yokohama, Japan—American Trading Co.                                                 |                      |
| <b>WORKS:</b>                                                                        |                      |
| Athens, Pa.—Ingersoll-Rand Co.                                                       |                      |
| Easton, Pa.—Ingersoll-Rand Co.                                                       |                      |
| Painted Post, N. Y.—Ingersoll-Rand Co.                                               |                      |
| Phillipsburg, N. J.—Ingersoll-Rand Co.                                               |                      |
| Sherbrooke, Que., Can.—Canadian Ingersoll-Rand Co.                                   |                      |
| <b>INNIS, SPEIDEN &amp; CO., INC.</b> .....1101                                      |                      |
| 46 Cliff, New York                                                                   |                      |
| <b>INTERIOR METAL MFG. CO.</b> .....420                                              |                      |
| Jamestown, N. Y.                                                                     |                      |
| <b>BRANCH OFFICE:</b>                                                                |                      |
| New York—149 B'way                                                                   |                      |
| <b>INTERNATIONAL HARVESTER CO. OF AMERICA (INC.)</b> .....464                        |                      |
| 702 Harvester bldg, Chicago, Ill.                                                    |                      |
| <b>BRANCH OFFICES:</b>                                                               |                      |
| Aberdeen, S. D.                                                                      | Little Rock, Ark.    |
| Albany, N. Y.                                                                        | Los Angeles, Cal.    |
| Atlanta, Ga.                                                                         | Madison, Wis.        |
| Auburn, N. Y.                                                                        | Mankato, Minn.       |
| Aurora, Ill.                                                                         | Mason City, Ia.      |
| Baltimore, Md.                                                                       | Memphis, Tenn.       |
| Birmingham, Ala.                                                                     | Milwaukee, Wis.      |
| Bismarck, N. D.                                                                      | Minneapolis, Minn.   |
| Boston, Mass.                                                                        | Minot, N. D.         |
| Buffalo, N. Y.                                                                       | Nashville, Tenn.     |
| Cedar Falls, Ia.                                                                     | New Albany, Ind.     |
| Charlotte, N. C.                                                                     | New Orleans, La.     |
| Cincinnati, O.                                                                       | Ogdensburg, N. Y.    |
| Cleveland, O.                                                                        | Oklahoma City, Okla. |
| Columbia, S. C.                                                                      | Omaha, Neb.          |
| Columbus, O.                                                                         | Parkersburg, W. Va.  |
| Concordia, Kan.                                                                      | Parsons, Kan.        |
| Council Bluffs, Ia.                                                                  | Peoria, Ill.         |
| Crawford, Neb.                                                                       | Philadelphia, Pa.    |
| Davenport, Ia.                                                                       | Pittsburgh, Pa.      |
| Denver, Colo.                                                                        | Portland, Ore.       |
| Des Moines, Ia.                                                                      | Quincy, Ill.         |
| Detroit, Mich.                                                                       | Richmond, Ind.       |
| Dubuque, Ia.                                                                         | Richmond, Va.        |
| East St. Louis, Ill.                                                                 | Rockford, Ill.       |
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Lewiston, Me.—Geo. B. Haskell Co.  
Los Angeles, Cal.—Crane Co.  
Macon, Ga.—Taylor Iron Works & Sup. Co.  
Minneapolis, Minn.—Janney, Semple, Hill & Co.  
Missoula, Mont.—Missoula Mercantile Co.  
Mobile, Ala.—Southern Hardware & Supply Co.  
Montgomery, Ala.—Loeb Hardware Co.  
Muskogee, Okla.—Crane Co.  
New Orleans, La.—The Fairbanks Co.  
New York—J. S. Woodhouse  
Oklahoma City, Okla.—Crane Co.  
Omaha, Neb.—Crane Co.  
Lee-Coit-Anderson Hdw. Co.  
Portland, Me.—C. M. & H. T. Plummer.  
Edwards & Walker  
Portland, Ore.—Mitchell, Lewis & Staver Co.  
Sacramento, Cal.—Thompson-Diggs Co.  
St. Paul, Minn.—Crane & Ordway  
Salt Lake City, Utah—Consolidated Wagon & Machine Co.  
San Francisco, Cal.—Baker & Hamilton  
Crane Co.  
Pacific Hdw. & Steel Co.  
Seymour, Conn.—S. B. Church  
Sioux City, Ia.—Crane Co.  
Knapp & Spencer  
Somersworth, N. H.—Brackett, Shaw & Lunt Co.  
Spokane, Wash.—Mitchell, Lewis & Staver Co.  
Tampa, Fla.—Cameron & Barkley Co.  
Knight & Wall

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Waco, Tex.—Herrick Hardware Co.  
McLendon Hardware Co.  
Watertown, N. Y.—Hunting Co.  
W. W. Conde  
Wichita, Kans.—Crane Co.  
Worcester, Mass.—Central Supply Co.  
Ross Bros. Co.

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Hamilton, Ont.—Wood, Vallance & Co.  
London, Ont.—Hobbs Hardware Co., Ltd.  
Manitoba, Man.—J. H. Ashdown Hdw. Co., Ltd.  
Montreal, Que.—Lewis Bros., Ltd.  
Sussex, N. B.—H. H. Dryden  
Vancouver, B. C.—E. G. Prior Co., Ltd.  
Victoria, B. C.—E. G. Prior Co., Ltd.  
Winnipeg, Man.—J. H. Ashdown Hardware Co., Ltd.

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Los Angeles, Cal.—Terry Engng. & Machy. Co., 326 E. 3d  
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San Francisco, Cal.—Dorward Engng. Co., 503 Market  
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| BRANCH OFFICES:                                  |                       |
| Chicago, Ill.—People's Gas bldg                  |                       |
| Detroit, Mich.—Ford bldg                         |                       |
| Indianapolis, Ind.                               |                       |
| New York—2 Rector                                |                       |
| <b>STANLEY WORKS.</b> .....                      | 613                   |
| GENERAL OFFICES & FACTORY:                       |                       |
| New Britain, Conn.                               |                       |
| BRANCH OFFICES:                                  |                       |
| Chicago, Ill.—73 East Lake                       |                       |
| New York—100 Lafayette                           |                       |
| FACTORIES:                                       |                       |
| Bridgewater, Mass.                               |                       |
| Niles, Ohio                                      |                       |
| <b>STANNARD MFG. CO.</b> .....                   | 127                   |
| 371 Allen, Springfield, Mass.                    |                       |
| <b>STARK TOOL CO.</b> .....                      | 720                   |
| Waltham, Mass.                                   |                       |
| <b>STARRETT, L. S. CO.</b> .....                 | 1216                  |
| Athol, Mass.                                     |                       |
| BRANCH OFFICES:                                  |                       |
| Chicago, Ill.—17 N Jefferson                     |                       |
| New York—90-92 W. B'way                          |                       |
| FOREIGN OFFICE:                                  |                       |
| London, Eng.—36-37 Upper Thames, E. C.           |                       |
| <b>STEARNS, A. T. LUMBER CO.</b> .....           | 1366                  |
| 100 Taylor, Boston, Mass.                        |                       |
| <b>STILES, H. A. &amp; CO.</b> .....             | 454 & 608             |
| 97 Oliver, Boston, Mass.                         |                       |
| <b>STOW MANUFACTURING CO.</b> .....              | 1247                  |
| Binghamton, N. Y.                                |                       |
| <b>STRONG MACHINERY &amp; SUPPLY CO.</b> .....   | 661 & 1519            |
| 21 Walker, New York                              |                       |
| <b>STRUTHERS-WELLS CO.</b> .....                 | 1366                  |
| Warren, Pa.                                      |                       |
| BRANCH OFFICE:                                   |                       |
| New York—50 Church.                              |                       |
| <b>STUEBNER, G. L. IRON WORKS.</b> .....         | 175                   |
| Queensboro Terminal, Long Island City, N. Y.     |                       |
| <b>STURTEVANT, B. F. CO.</b> .....               | 110                   |
| 15 Damon, Hyde Park, Boston, Mass.               |                       |
| BRANCH OFFICES:                                  |                       |
| Atlanta, Ga.                                     |                       |
| Boston, Mass.                                    |                       |
| Buffalo, N. Y.                                   |                       |

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|------------------------------------------|------|
| Chicago, Ill.                            |      |
| Cincinnati, O.                           |      |
| Cleveland, O.                            |      |
| Dallas, Texas                            |      |
| Hartford, Conn.                          |      |
| Kansas City, Mo.                         |      |
| Minneapolis, Minn.                       |      |
| New York                                 |      |
| Philadelphia, Pa.                        |      |
| Pittsburg, Pa.                           |      |
| Rochester, N. Y.                         |      |
| St. Louis, Mo.                           |      |
| Salt Lake City, Utah                     |      |
| San Francisco, Cal.—759 Monadnock bldg   |      |
| Seattle, Wash.                           |      |
| Washington, D. C.                        |      |
| CANADIAN OFFICES:                        |      |
| Galt, Ont.                               |      |
| Montreal, Que.                           |      |
| Toronto, Ont.                            |      |
| Winnipeg, Man.                           |      |
| FOREIGN OFFICE:                          |      |
| London, Eng.—Sturtevant Engineering Co.  |      |
| <b>SUPPLEE-BIDDLE HARDWARE CO.</b> ..... | 953  |
| 5th & Commerce, Phila., Pa.              |      |
| BRANCH OFFICES:                          |      |
| Buffalo, N. Y.—36 W Seneca               |      |
| New York—30 Church                       |      |
| FOREIGN BRANCHES:                        |      |
| Birmingham, Eng.—405 Lodge rd            |      |
| London, Eng.—1 Victoria, S W             |      |
| Johannesburg, So. Africa                 |      |
| Montreal, Que., Can.—414 Drummond bldg   |      |
| Stockholm, Sweden—Centralpalatset        |      |
| <b>SYRACUSE TWIST DRILL CO.</b> .....    | 433  |
| Borden av, Syracuse, N. Y.               |      |

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|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>TATE-JONES &amp; CO., INC.</b> .....               | 182, 539 & 541 |
| Empire bldg, Pittsburgh, Pa.                          |                |
| <b>TAYLOR INSTRUMENT COMPANIES.</b> .....             | 1410           |
| 95 Ames, Rochester, N. Y.                             |                |
| BRANCH OFFICES:                                       |                |
| Boston, Mass.—141 Milk                                |                |
| Chicago, Ill.—29 E Madison                            |                |
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| Philadelphia, Pa.—705 Widener bldg                    |                |
| St. Louis, Mo.—Frisco bldg                            |                |
| Washington, D. C.—705 American bldg                   |                |
| FOREIGN BRANCHES:                                     |                |
| Toronto, Ont., Can.—201 Royal Bank bldg               |                |
| <b>THOMAS MOULDING BRICK CO.</b> .....                | 157            |
| 1203 Chamber of Commerce, Chicago, Ill.               |                |
| <b>THOMSON WOOD FINISHING CO., THE.</b> .....         | 1030           |
| 827 N. 3rd, Philadelphia, Pa.                         |                |
| <b>THROPP'S JOHN E. SONS CO.</b> .....                | 831            |
| Ft. of Lewis, Trenton, N. J.                          |                |
| <b>TIME REGISTER REPAIR &amp; SUPPLY CO.</b> .....    | 1163           |
| Gardner, Mass.                                        |                |
| <b>TORSION NUT-LOCK &amp; WASHER CO.</b> .....        | 739            |
| 141 Milk, Boston, Mass.                               |                |
| <b>TOWNSEND FOUNDRY &amp; MACHINE SHOP CO.</b> .....  | 231            |
| Broadway & Rensselaer, Albany, N. Y.                  |                |
| <b>TREADWELL CONSTRUCTION CO.</b> .....               | 1376           |
| Midland, Pa.                                          |                |
| <b>TREADWELL ENGINEERING CO.</b> .....                | 840            |
| Easton, Pa.                                           |                |
| <b>TRIUMPH ELECTRIC CO.</b> .....                     | 981            |
| Oakley, Cincinnati, Ohio                              |                |
| BRANCH OFFICES:                                       |                |
| Atlanta, Ga.—907 Healy bldg                           |                |
| Birmingham, Ala.—Jefferson County Bk. bldg            |                |
| Baltimore, Md.—213 N Calvert                          |                |
| Boston, Mass.—92 Pearl                                |                |
| Chattanooga, Tenn.—820 Broad                          |                |
| Chicago, Ill.—327 So. La Salle                        |                |
| Cincinnati, O.—408 Builders' & Traders' Exchange bldg |                |
| Cleveland, O.—11 Wade bldg                            |                |
| Columbus, Ohio—17 E. Rich                             |                |
| Detroit, Mich.—Penobscot bldg                         |                |
| Havana, Cuba—Calle De Cuba 64                         |                |
| Houston, Tex.—111 Main                                |                |
| Louisville, Ky.—514 Main                              |                |
| Ogden, Utah—424 Colonel Hudson bldg                   |                |
| Philadelphia, Pa.—1121 Liberty bldg                   |                |
| Pittsburgh, Pa.—4148 Jenkins Arcade bldg              |                |
| Richmond, Ind.—1120 Main                              |                |
| St. Louis, Mo.—7th & Clark                            |                |
| St. Paul, Minn.—174 E 6th                             |                |
| Seattle, Wash.—26 W. Connecticut                      |                |
| Sioux City, Iowa—620 Pierce                           |                |



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Toledo, O.—931 Nichols bldg  
**CANADIAN OFFICES:**  
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 Ottawa, Ont., Can.—128½ Sparks  
**TRUMBOUR-WHITEHEAD BRASS & COPPER CO.**.....354 & 1451  
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 43 No. Seventh, Philadelphia, Pa.  
**TUCKER, W. B. & C. F.**.....1251  
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**TYLER, W. S. CO.**.....681 & 1523  
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 Chicago, Ill.—552 McCormick bldg  
 New York—200 5th av  
 Pittsburgh, Pa.—Bessemer bldg

## U

**UNION PAPER TWINE CO., THE**.....1193 & 1433  
 125 St. Clair av, N W, Cleveland, O.  
**BRANCH OFFICES:**  
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 Detroit, Mich.—46 Larned, W.  
**UNION TOOL CHEST WORKS**  
 137, 138, 140, 143, 224, 265 & 950  
 99 Railroad, Rochester, N. Y.  
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 13, 14, 668 & 1276  
 187-189 Commerce, New Haven, Conn.  
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 Dayton, O.—1181 Reibold bldg  
 Detroit, Mich.—Dime Bank bldg  
 Minneapolis, Minn.—2422 University av  
 New York—24 Stone  
**WORKS:**  
 Hamden, Conn.  
 New Haven, Conn.  
**U. S. INDESTRUCTIBLE GASKET CO.**.....553  
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 280 Madison av, New York  
**UNITED STATES SILICA CO.**.....1206  
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**UNO VENTILATOR CO.**.....1487  
 Newton, N. H.  
**UPSON-WALTON CO. OF N. Y.**.....1530  
 291 B'way, New York  
**BRANCH OFFICES:**  
 Chicago, Ill.—641 So. 5th av  
 Cleveland, O.—1310 W. 11th  
**FACTORY:**  
 Newark, N. J.  
**URSHEL-BATES VALVE BAG CO.**.....62  
 3440-44 Summit av, Toledo, O.  
**BRANCH FACTORY:**  
 Windsor, Ont., Can.

## V

**VILTER MFG. CO.**.....463  
 1046 Clinton, Milwaukee, Wis.

## W

**WARD'S, EDGAR T. SONS**.....1322 & 1454  
 44-54 Farnsworth, Boston, Mass.  
**WARNER ELEVATOR MFG. CO.**.....449  
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**BRANCH OFFICES:**  
 Atlanta, Ga.—203 Calhoun bldg  
 Chattanooga, Tenn.—105 E 8th  
 Columbus, O.—616 Columbus Savings & Trust bldg  
 Dayton, O.—118 Greene  
 Indianapolis, Ind.—416-418 Indiana Trust bldg  
 Kansas City, Mo.—1212 Grand av, Temple bldg  
 Mobile, Ala.—10 Dauphin  
 New York—113 Warren  
 Tacoma, Wash.—619 S State  
 Washington, D. C.—8th & Water, S W  
**WARSAW ELEVATOR CO.**.....450  
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**BRANCH OFFICES:**  
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 Buffalo, N. Y.—Marine Bank bldg  
 New York—216 Fulton  
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 Rochester, N. Y.—189-191 Mill  
 Springfield, Mass.—19 Taylor

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**WARWOOD TOOL CO.**.....429, 943, 1063 & 1275  
 Warwood, Wheeling, W. Va.  
**WATSON-STILLMAN CO.**.....690, 805 & 1111  
 38 Church, New York  
**WEBB MFG. CO.**.....1247  
 ft. of Centre, Newark, N. J.  
**WEBER, F. & CO.**.....459  
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**BRANCH OFFICES:**  
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**WERNER & PFLEIDERER CO.**...773, 807, 809 & 831  
**GENERAL OFFICES & WORKS:**  
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**BRANCH OFFICES:**  
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 San Francisco, Cal.—364 Pacific bldg  
**WESTERN DROP FORGE CO.**.....529  
 P. O. Box 386, Marion, Ind.  
**WESTERN GLASS CO.**.....577  
 Streator, Ill  
**WESTINGHOUSE ELECTRIC & MFG. CO.**  
 442, 570 & 713

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 Minneapolis, Minn.—Met. Life Ins. bldg  
 New Orleans, La.—Maison Blanche bldg  
 New York—City Investing bldg  
 Philadelphia, Pa.—Widener bldg  
 Pittsburgh, Pa.—Union Bank bldg  
 Portland, Ore.—Northwestern Bank bldg  
 Rochester, N. Y.—Chamber of Commerce bldg  
 St. Louis, Mo.—300 N B'way  
 Salt Lake City, Utah—Walker Bank bldg  
 San Francisco, Cal.—1 Montgomery  
 Seattle, Wash.—Alaska bldg  
 Syracuse, N. Y.—University bldg  
 Toledo, O.—Ohio bldg  
 Washington, D. C.—Hibbs bldg  
 Wilkes-Barre, Pa.—Miners Bank bldg  
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 Los Angeles, Cal.—2026 Bay  
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 Japan—Takata & Co., Tokio  
 Mexico—Compania Ingeniera, Importadora y Contratista, S. A., City of Mexico (Succ. to G. & O. B. Braniff & Co.)



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Brazil, S. A.—F. H. Walter & Co., Rio de Janeiro (For Northern Brazil) Byington & Co., Sao Paulo (for Southern Brazil)

Colombia, S. A.—Vicente B. Villa, Medellin

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Nicaragua, C. A. } San Jose, Costa Rica

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Salvador, C. A.—W. C. McEntee, Santa Ana

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**WHEELER CONDENSER & ENGINEERING CO.**  
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**BRANCH OFFICES:**

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Birmingham, Ala.—707 Empire bldg

Boston, Mass.—141 Milk

Charlotte, N. C.—406 Commercial Bank bldg

Chicago, Ill.—First National Bank bldg

Cincinnati, O.—901 Fourth Nat'l Bank bldg

Cleveland, O.—1154 Leader bldg

Dallas, Texas—Southwestern Life

Denver, Colo.—1718 California

Los Angeles, Cal.—I. N. Van Nuys bldg

New Orleans, La.—1103 Hennen bldg

New York—2406 Singer bldg

Philadelphia, Pa.—816 Commonwealth Trust bldg

Pittsburgh, Pa.—1635 Oliver bldg

St. Louis, Mo.—2207 Pine

St. Paul, Minn.—4th & Wacouta sts

Salt Lake City, Utah—705-6 Kearns bldg

San Francisco, Cal.—40 First

Seattle, Wash.—Mutual Life bldg

Tucson, Ariz.—Santa Rita Hotel bldg

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London, Eng.—Westinghouse bldg

Melbourne, Australia—31 Queen

Rotterdam, Holland—Glashaven

Shanghai, China—4 Yuen Ming Yuen Road

Yokohama, Japan—No. 42

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**WHITEHEAD METAL PRODUCTS CO.**...354 & 1451  
67-73 Washington, North Boston, Mass.

**WHITMAN & BARNES MFG. CO.**.....529  
Akron, O.

**SALES OFFICES:**

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Chicago, Ill.—565 W. Washington.

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Chicago, Ill.

St. Catherine, Ont., Can.

**WHITON, D. E. MFG. CO.**.....270  
Howard & Oak sts, New London, Conn.

**WICKES BROS.**.....112  
512 N. Filden, Saginaw, Mich.

**BRANCH OFFICES:**

Seattle, Wash.—410 White bldg

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240, 952, 1450, 1451, 1452 & 1528  
220-226 Penn av, Pittsburgh, Pa. t

**WILMINGTON FIBRE SPECIALTY CO.**.....500  
Wilmington, Del.

**BRANCH OFFICES:**

Boston, Mass.—129 Kimball bldg

Chicago, Ill.—614 W Adams

Cleveland, O.—31 Citizens bldg

Detroit, Mich.—1023 Ford bldg

New York—36 Warren

**FOREIGN BRANCH:**

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**WILSON ANDREW CO.**.....1394  
616 Essex, Lawrence, Mass.

**WILSON BROS.**.....968  
Easton, Pa.

**WISCONSIN ELECTRIC CO.**.....592 & 593  
Racine, Wis.

**WOODHOUSE, WM. CHAIN WORKS.**.....254  
Trenton, N. J.

**WORCESTER FLEXIBLE TUBING CO.**...652 & 1452  
63 Beacon, Worcester, Mass.

**WRIGHT WIRE CO.**.....1523 & 1529  
Worcester, Mass.

**BRANCH OFFICES:**

Boston, Mass.—256 Franklin

Chicago, Ill.—33 West Austin av

New York, N. Y.—256 Broadway

Philadelphia, Pa.—410 Commerce

San Francisco, Cal.—111 Townsend

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**BRANCH OFFICE:**

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**Optical & Photographic Instrument Makers**

Ross, Ltd., Optical Works, 3 North Side, Clapham Common, London S.W. and at 13, 14 Great Castle street, Oxford Circus W. Telescopes, photographic lenses and apparatus, Prism Binocular Field Glasses, etc.

**Photographic Lens & Apparatus Manufacturers**

Ross, Ltd., Optical Works, 3 North Side, Clapham Common, London S.W. and at 13, 14 Great Castle street, Oxford Circus W. Telescopes, Photographic Lenses & Apparatus, Prism Binocular Field Glasses, etc.

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Edelsten, John & Son, Warrington, England.  
Kirby, Beard & Co., Ltd., 7 Watling street, London, E. C.

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Westwood, Macneill & Co., pitch, tar & creosote of all kinds, 145, Queen street, Glasgow.

**Road Roller Manufacturers**

McLaren, J. & H., Midland Engine Works, Leeds, England.

**Saw Manufacturers**

Tyzack, W. A., & Co., Stella Works, Hereford street, Sheffield.

**Scythe and Sickle Manufacturers**

Tyzack, W. A., & Co., Stella Works, Hereford street, Sheffield.

**Seed Merchants**

McMicken & Dixon, 36 Mark Lane, London, E. C., 3 Cables, "Bryce, London."

**Sewing Machine Needle Manufacturers**

Milward, Henry, & Sons, Ltd., Redditch, England. Sole agents for U. S., Geo. A. Clark & Bro., P. O. Box 187, New York.

**Spring Makers**

Woodfield, William, & Sons, Easemore Works, Redditch; motor & cycle springs.

**Steam Engine & Steam Boiler Manufacturers**

Garrett, Richard & Sons, Ltd., engineers, Leiston, Suffolk, England. Established 1778. T. A. "Garrett, Leiston."

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Tomey, Joseph, & Sons, Ltd. Agents, Semon Bache & Co., New York.

**Steam Plough Makers**

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**Stores Contractors**

Phillips, John & Sons, Ltd., Dingley road, City road, London, E. C. Government, railway & steamship stores contractors; buyers & sellers of scrap gutta percha, India rubber, balata, ebonite, leather, linen, canvas, carpet, felt & soft cloth materials, every description; new & old stores, cotton & linen remnants, paper making materials, old & new canvas, etc., cuttings, old ropes, specially old ropes for oakum.

**Sugar Machinery Manufacturers**

Blair, Campbell & McLean, Ltd., Woodville street, Govan, Glasgow, sugar machinery; refining, distilling & brewing plant, etc.

**Surgical Needle Manufacturers**

Milward, Henry, & Sons, Ltd., Washford mills, Redditch, England. "Grand Prix", Turin, 1911.

**MOORE, GEORGE, National Wks., Red-**

ditch; & 30 Craven street, Strand, London, W. C.; surgical needles of every description; specialists in mounted & unmounted hypodermic needles. Established 1805.

Shrimpton, (Emil.), & Fletcher, Premiere works, Redditch, (Estab. 1810). The only firm making surgical needles exclusively.

Woodfield, Wm., & Sons, Easemore Works, Redditch.

**Traction Engine Makers**

McLaren, J. & H., Midland Engine Works, Leeds, England.

**Tube Manufacturers—Brass & Copper**  
Dugard Bros., Ltd., Vulcan mills, Birmingham.

**Web Manufacturers**

**BIRD ROBERT, & CO.,** (Proprietors, C. W. Haslock & A. J. Haslock), Crewkerne, Somerset, England. Manufacturers of saddlery & upholstery webs of all descriptions, also ready-made girths & rollers & horse clothing. Home & export. Telegrams, "Bird, Crewkerne."

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Rylands Bros., Ltd., Warrington, England.

**Wire Manufacturers (Iron & Steel)**

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**Wire Rope Manufacturers**

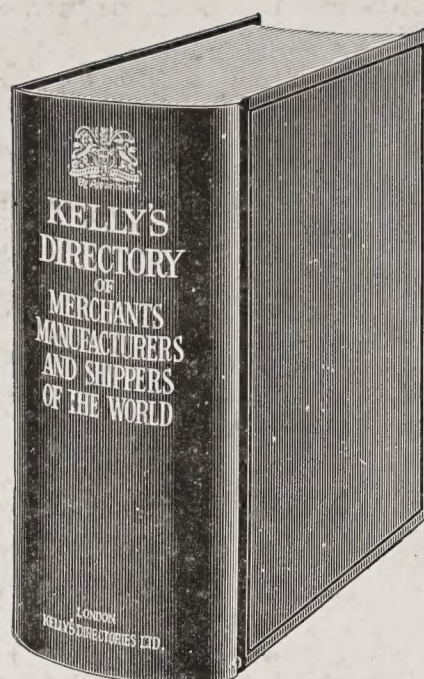
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